

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

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

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

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

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

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

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

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

[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 13:02:31
Data source version	GOMOS/6.01
Start time of products	27-01-2007 (27JAN2007 00:00:00)
Stop time of products	28-01-2007 (28JAN2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	368
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__2PRFIN20070127_001122_000000322055_00059_25664_4795.N1	27-JAN-2007 00:11:22	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	25664	No
2	GOM_NL__2PRFIN20070127_002221_000000372055_00059_25664_4796.N1	27-JAN-2007 00:22:21	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	25664	No
3	GOM_NL__2PRFIN20070127_002549_000000332055_00059_25664_4797.N1	27-JAN-2007 00:25:49	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	25664	No
4	GOM_NL__2PRFIN20070127_003352_000000352055_00059_25664_4798.N1	27-JAN-2007 00:33:52	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	25664	No
5	GOM_NL__2PRFIN20070127_003559_000000352055_00059_25664_4799.N1	27-JAN-2007 00:35:59	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	25664	No
6	GOM_NL__2PRFIN20070127_004215_000000422055_00059_25664_4800.N1	27-JAN-2007 00:42:15	Twilight	41.500	86	35Eta Oph	2.4300	10200.	83	25664	No
7	GOM_NL__2PRFIN20070127_004620_000000542055_00059_25664_4801.N1	27-JAN-2007 00:46:20	Dark	54.000	16	21Alp Sco	1.0200	3000.0	108	25664	No
8	GOM_NL__2PRFIN20070127_004741_000000422055_00059_25664_4802.N1	27-JAN-2007 00:47:41	Dark	42.000	75	26Eps Sco	2.2910	4250.0	84	25664	No
9	GOM_NL__2PRFIN20070127_005556_000000382055_00060_25665_4783.N1	27-JAN-2007 00:55:56	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	25665	No
10	GOM_NL__2PRFIN20070127_005726_000000522055_00060_25665_4784.N1	27-JAN-2007 00:57:26	Dark	51.500	4	Alp1Cen	-0.010000	5800.0	103	25665	No
11	GOM_NL__2PRFIN20070127_010201_000000402055_00060_25665_4785.N1	27-JAN-2007 01:02:01	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	25665	No
12	GOM_NL__2PRFIN20070127_010554_000000372055_00060_25665_4786.N1	27-JAN-2007 01:05:54	Dark	37.000	29	Bet Car	1.6720	10200.	74	25665	No
13	GOM_NL__2PRFIN20070127_010809_000000392055_00060_25665_4787.N1	27-JAN-2007 01:08:09	Dark	38.500	71	lot Car	2.2460	7700.0	77	25665	No
14	GOM_NL__2PRFIN20070127_010956_000000422055_00060_25665_4788.N1	27-JAN-2007 01:09:56	Dark	42.000	46	Del Vel	1.9540	10600.	84	25665	No
15	GOM_NL__2PRFIN20070127_011231_000000422055_00060_25665_4789.N1	27-JAN-2007 01:12:31	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	25665	No
16	GOM_NL__2PRFIN20070127_011437_000000382055_00060_25665_4790.N1	27-JAN-2007 01:14:37	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	25665	No
17	GOM_NL__2PRFIN20070127_011605_000000442055_00060_25665_4791.N1	27-JAN-2007 01:16:05	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	25665	No
18	GOM_NL__2PRFIN20070127_011832_000000412055_00060_25665_4792.N1	27-JAN-2007 01:18:32	Straylight	40.500	23	21Eps CMa	1.5020	26000.	81	25665	No
19	GOM_NL__2PRFIN20070127_011955_000000372055_00060_25665_4793.N1	27-JAN-2007 01:19:55	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	25665	No
20	GOM_NL__2PRFIN20070127_012204_000000462055_00060_25665_4794.N1	27-JAN-2007 01:22:04	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	25665	No
21	GOM_NL__2PRFIN20070127_012805_000000472055_00060_25665_4795.N1	27-JAN-2007 01:28:05	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	25665	No
22	GOM_NL__2PRFIN20070127_013121_000000362055_00060_25665_4796.N1	27-JAN-2007 01:31:21	Bright	35.500	44	24Gam Gem	1.9280	11000.	71	25665	No
23	GOM_NL__2PRFIN20070127_013309_000000392055_00060_25665_4797.N1	27-JAN-2007 01:33:09	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	25665	No
24	GOM_NL__2PRFIN20070127_013724_000000352055_00060_25665_4798.N1	27-JAN-2007 01:37:24	Bright	34.500	107	37The Aur	2.6490	11000.	69	25665	No
25	GOM_NL__2PRFIN20070127_013931_000000362055_00060_25665_4799.N1	27-JAN-2007 01:39:31	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	25665	No
26	GOM_NL__2PRFIN20070127_015158_000000342055_00060_25665_4800.N1	27-JAN-2007 01:51:58	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	25665	No
27	GOM_NL__2PRFIN20070127_020257_000000372055_00060_25665_4801.N1	27-JAN-2007 02:02:57	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	25665	No
28	GOM_NL__2PRFIN20070127_020625_000000332055_00060_25665_4802.N1	27-JAN-2007 02:06:25	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	25665	No
29	GOM_NL__2PRFIN20070127_021428_000000352055_00060_25665_4803.N1	27-JAN-2007 02:14:28	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	25665	No
30	GOM_NL__2PRFIN20070127_021635_000000342055_00060_25665_4804.N1	27-JAN-2007 02:16:35	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	25665	No
31	GOM_NL__2PRFIN20070127_022251_000000412055_00060_25665_4805.N1	27-JAN-2007 02:22:51	Twilight	41.000	86	35Eta Oph	2.4300	10200.	82	25665	No
32	GOM_NL__2PRFIN20070127_022656_000000482055_00060_25665_4806.N1	27-JAN-2007 02:26:56	Dark	48.000	16	21Alp Sco	1.0200	3000.0	96	25665	No
33	GOM_NL__2PRFIN20070127_022818_000000392055_00060_25665_4807.N1	27-JAN-2007 02:28:18	Dark	39.000	75	26Eps Sco	2.2910	4250.0	78	25665	No
34	GOM_NL__2PRFIN20070127_023632_000000382055_00061_25666_4791.N1	27-JAN-2007 02:36:32	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	25666	No
35	GOM_NL__2PRFIN20070127_023802_000000412055_00061_25666_4792.N1	27-JAN-2007 02:38:02	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	25666	No
36	GOM_NL__2PRFIN20070127_024237_000000402055_00061_25666_4793.N1	27-JAN-2007 02:42:37	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	25666	No
37	GOM_NL__2PRFIN20070127_024631_000000452055_00061_25666_4794.N1	27-JAN-2007 02:46:31	Dark	45.000	29	Bet Car	1.6720	10200.	90	25666	No
38	GOM_NL__2PRFIN20070127_024845_000000392055_00061_25666_4795.N1	27-JAN-2007 02:48:45	Dark	38.500	71	lot Car	2.2460	7700.0	77	25666	No
39	GOM_NL__2PRFIN20070127_025033_000000402055_00061_25666_4796.N1	27-JAN-2007 02:50:33	Dark	39.500	46	Del Vel	1.9540	10600.	79	25666	No
40	GOM_NL__2PRFIN20070127_025307_000000412055_00061_25666_4797.N1	27-JAN-2007 02:53:07	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	25666	No
41	GOM_NL__2PRFIN20070127_025513_000000412055_00061_25666_4798.N1	27-JAN-2007 02:55:13	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	25666	No
42	GOM_NL__2PRFIN20070127_025641_000000422055_00061_25666_4799.N1	27-JAN-2007 02:56:41	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	25666	No

43	GOM_NL__2PRFIN20070127_025908_000000372055_00061_25666_4800.N1	27-JAN-2007 02:59:08	Straylight	37.000	23	21Eps CMa	1.5020	26000.	74	25666	No
44	GOM_NL__2PRFIN20070127_030031_000000372055_00061_25666_4801.N1	27-JAN-2007 03:00:31	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	25666	No
45	GOM_NL__2PRFIN20070127_030240_000000472055_00061_25666_4802.N1	27-JAN-2007 03:02:40	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	25666	No
46	GOM_NL__2PRFIN20070127_030841_000000482055_00061_25666_4803.N1	27-JAN-2007 03:08:41	Tw_i_and_stray	47.500	8	10Alp CMi	0.40000	6500.0	95	25666	No
47	GOM_NL__2PRFIN20070127_031157_000000392055_00061_25666_4804.N1	27-JAN-2007 03:11:57	Bright	39.000	44	24Gam Gem	1.9280	11000.	78	25666	No
48	GOM_NL__2PRFIN20070127_031345_000000402055_00061_25666_4805.N1	27-JAN-2007 03:13:45	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	25666	No
49	GOM_NL__2PRFIN20070127_031800_000000352055_00061_25666_4806.N1	27-JAN-2007 03:18:00	Bright	34.500	107	37The Aur	2.6490	11000.	69	25666	No
50	GOM_NL__2PRFIN20070127_032007_000000362055_00061_25666_4807.N1	27-JAN-2007 03:20:07	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	25666	No
51	GOM_NL__2PRFIN20070127_033234_000000362055_00061_25666_4808.N1	27-JAN-2007 03:32:34	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	25666	No
52	GOM_NL__2PRFIN20070127_034333_000000372055_00061_25666_4809.N1	27-JAN-2007 03:43:33	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	25666	No
53	GOM_NL__2PRFIN20070127_034701_000000372055_00061_25666_4810.N1	27-JAN-2007 03:47:01	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	25666	No
54	GOM_NL__2PRFIN20070127_035504_000000352055_00061_25666_4811.N1	27-JAN-2007 03:55:04	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	25666	No
55	GOM_NL__2PRFIN20070127_035711_000000352055_00061_25666_4812.N1	27-JAN-2007 03:57:11	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	25666	No
56	GOM_NL__2PRFIN20070127_040328_000000412055_00061_25666_4813.N1	27-JAN-2007 04:03:28	Tw_i_and_stray	41.000	86	35Eta Oph	2.4300	10200.	82	25666	No
57	GOM_NL__2PRFIN20070127_040733_000000522055_00061_25666_4814.N1	27-JAN-2007 04:07:33	Dark	51.500	16	21Alp Sco	1.0200	3000.0	103	25666	No
58	GOM_NL__2PRFIN20070127_040854_000000432055_00061_25666_4815.N1	27-JAN-2007 04:08:54	Dark	43.000	75	26Eps Sco	2.2910	4250.0	86	25666	No
59	GOM_NL__2PRFIN20070127_041311_000000402055_00061_25666_4816.N1	27-JAN-2007 04:13:11	Dark	40.000	131	Gam Lup	2.8000	26000.	80	25666	No
60	GOM_NL__2PRFIN20070127_041708_000000362055_00062_25667_4817.N1	27-JAN-2007 04:17:08	Dark	36.000	134	Bet TrA	2.8100	6600.0	72	25667	No
61	GOM_NL__2PRFIN20070127_041839_000000522055_00062_25667_4818.N1	27-JAN-2007 04:18:39	Dark	52.000	4	Alp1Cen	-0.010000	5800.0	104	25667	No
62	GOM_NL__2PRFIN20070127_042314_000000412055_00062_25667_4819.N1	27-JAN-2007 04:23:14	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	25667	No
63	GOM_NL__2PRFIN20070127_042707_000000372055_00062_25667_4820.N1	27-JAN-2007 04:27:07	Dark	37.000	29	Bet Car	1.6720	10200.	74	25667	No
64	GOM_NL__2PRFIN20070127_042921_000000422055_00062_25667_4821.N1	27-JAN-2007 04:29:21	Dark	41.500	71	lot Car	2.2460	7700.0	83	25667	No
65	GOM_NL__2PRFIN20070127_043109_000000392055_00062_25667_4822.N1	27-JAN-2007 04:31:09	Dark	38.500	46	Del Vel	1.9540	10600.	77	25667	No
66	GOM_NL__2PRFIN20070127_043344_000000422055_00062_25667_4823.N1	27-JAN-2007 04:33:44	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	25667	No
67	GOM_NL__2PRFIN20070127_043550_000000392055_00062_25667_4824.N1	27-JAN-2007 04:35:50	Straylight	38.500	70	Zet Pup	2.2460	39000.	77	25667	No
68	GOM_NL__2PRFIN20070127_043717_000000422055_00062_25667_4825.N1	27-JAN-2007 04:37:17	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	25667	No
69	GOM_NL__2PRFIN20070127_043944_000000412055_00062_25667_4826.N1	27-JAN-2007 04:39:44	Straylight	40.500	23	21Eps CMa	1.5020	26000.	81	25667	No
70	GOM_NL__2PRFIN20070127_044107_000000372055_00062_25667_4827.N1	27-JAN-2007 04:41:07	Straylight	36.500	179	24Omi2CMa	3.0320	24000.	73	25667	No
71	GOM_NL__2PRFIN20070127_044316_000000442055_00062_25667_4828.N1	27-JAN-2007 04:43:16	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	25667	No
72	GOM_NL__2PRFIN20070127_044917_000000432055_00062_25667_4829.N1	27-JAN-2007 04:49:17	Tw_i_and_stray	43.000	8	10Alp CMi	0.40000	6500.0	86	25667	No
73	GOM_NL__2PRFIN20070127_045234_000000402055_00062_25667_4830.N1	27-JAN-2007 04:52:34	Bright	39.500	44	24Gam Gem	1.9280	11000.	79	25667	No
74	GOM_NL__2PRFIN20070127_045421_000000382055_00062_25667_4831.N1	27-JAN-2007 04:54:21	Bright	37.500	151	13Mu Gem	2.8900	3000.0	75	25667	No
75	GOM_NL__2PRFIN20070127_045836_000000352055_00062_25667_4832.N1	27-JAN-2007 04:58:36	Bright	35.000	107	37The Aur	2.6490	11000.	70	25667	No
76	GOM_NL__2PRFIN20070127_050043_000000362055_00062_25667_4833.N1	27-JAN-2007 05:00:43	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	25667	No
77	GOM_NL__2PRFIN20070127_051310_000000362055_00062_25667_4834.N1	27-JAN-2007 05:13:10	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	25667	No
78	GOM_NL__2PRFIN20070127_052409_000000362055_00062_25667_4835.N1	27-JAN-2007 05:24:09	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	25667	No
79	GOM_NL__2PRFIN20070127_052737_000000332055_00062_25667_4836.N1	27-JAN-2007 05:27:37	Bright	32.500	5	3Alp Lyr	0.033000	11000.	65	25667	No
80	GOM_NL__2PRFIN20070127_053541_000000352055_00062_25667_4837.N1	27-JAN-2007 05:35:41	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	25667	No
81	GOM_NL__2PRFIN20070127_053748_000000342055_00062_25667_4838.N1	27-JAN-2007 05:37:48	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	25667	No
82	GOM_NL__2PRFIN20070127_054404_000000432055_00062_25667_4839.N1	27-JAN-2007 05:44:04	Tw_i_and_stray	43.000	86	35Eta Oph	2.4300	10200.	86	25667	No
83	GOM_NL__2PRFIN20070127_054809_000000492055_00062_25667_4840.N1	27-JAN-2007 05:48:09	Dark	48.500	16	21Alp Sco	1.0200	3000.0	97	25667	No
84	GOM_NL__2PRFIN20070127_054930_000000422055_00062_25667_4841.N1	27-JAN-2007 05:49:30	Dark	41.500	75	26Eps Sco	2.2910	4250.0	83	25667	No
85	GOM_NL__2PRFIN20070127_055348_000000412055_00062_25667_4842.N1	27-JAN-2007 05:53:48	Dark	40.500	131	Gam Lup	2.8000	26000.	81	25667	No
86	GOM_NL__2PRFIN20070127_055745_000000372055_00063_25668_4804.N1	27-JAN-2007 05:57:45	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	25668	No
87	GOM_NL__2PRFIN20070127_055915_000000552055_00063_25668_4805.N1	27-JAN-2007 05:59:15	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	25668	No
88	GOM_NL__2PRFIN20070127_060350_000000402055_00063_25668_4806.N1	27-JAN-2007 06:03:50	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	25668	No
89	GOM_NL__2PRFIN20070127_060743_000000382055_00063_25668_4807.N1	27-JAN-2007 06:07:43	Dark	37.500	29	Bet Car	1.6720	10200.	75	25668	No
90	GOM_NL__2PRFIN20070127_060958_000000402055_00063_25668_4808.N1	27-JAN-2007 06:09:58	Dark	40.000	71	lot Car	2.2460	7700.0	80	25668	No
91	GOM_NL__2PRFIN20070127_061145_000000382055_00063_25668_4809.N1	27-JAN-2007 06:11:45	Dark	38.000	46	Del Vel	1.9540	10600.	76	25668	No
92	GOM_NL__2PRFIN20070127_061420_000000412055_00063_25668_4810.N1	27-JAN-2007 06:14:20	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	25668	No
93	GOM_NL__2PRFIN20070127_061626_000000392055_00063_25668_4811.N1	27-JAN-2007 06:16:26	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	25668	No
94	GOM_NL__2PRFIN20070127_061753_000000402055_00063_25668_4812.N1	27-JAN-2007 06:17:53	Straylight	40.000	117	Pi Pup	2.7060	3800.0	80	25668	No
95	GOM_NL__2PRFIN20070127_062020_000000382055_00063_25668_4813.N1	27-JAN-2007 06:20:20	Straylight	38.000	23	21Eps CMa	1.5020	26000.	76	25668	No
96	GOM_NL__2PRFIN20070127_062143_000000372055_00063_25668_4814.N1	27-JAN-2007 06:21:43	Straylight	36.500	179	24Omi2CMa	3.0320	24000.	73	25668	No
97	GOM_NL__2PRFIN20070127_062353_000000422055_00063_25668_4815.N1	27-JAN-2007 06:23:53	Straylight	42.000	1	9Alp CMa	-1.4400	11000.	84	25668	No
98	GOM_NL__2PRFIN20070127_062953_000000462055_00063_25668_4816.N1	27-JAN-2007 06:29:53	Tw_i_and_stray	45.500	8	10Alp CMi	0.40000	6500.0	91	25668	No
99	GOM_NL__2PRFIN20070127_063310_000000362055_00063_25668_4817.N1	27-JAN-2007 06:33:10	Bright	35.500	44	24Gam Gem	1.9280	11000.	71	25668	No
100	GOM_NL__2PRFIN20070127_063457_000000352055_00063_25668_4818.N1	27-JAN-2007 06:34:57	Bright	34.500	151	13Mu Gem	2.8900	3000.0	69	25668	No
101	GOM_NL__2PRFIN20070127_063912_000000352055_00063_25668_4819.N1	27-JAN-2007 06:39:12	Bright	35.000	107	37The Aur	2.6490	11000.	70	25668	No

102	GOM_NL__2PRFIN20070127_064119_000000352055_00063_25668_4820.N1	27-JAN-2007 06:41:19	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	25668	No
103	GOM_NL__2PRFIN20070127_065346_000000352055_00063_25668_4821.N1	27-JAN-2007 06:53:46	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	25668	No
104	GOM_NL__2PRFIN20070127_070445_000000372055_00063_25668_4822.N1	27-JAN-2007 07:04:45	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	25668	No
105	GOM_NL__2PRFIN20070127_070813_000000352055_00063_25668_4823.N1	27-JAN-2007 07:08:13	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	25668	No
106	GOM_NL__2PRFIN20070127_071617_000000362055_00063_25668_4824.N1	27-JAN-2007 07:16:17	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	25668	No
107	GOM_NL__2PRFIN20070127_071824_000000352055_00063_25668_4825.N1	27-JAN-2007 07:18:24	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	25668	No
108	GOM_NL__2PRFIN20070127_072440_000000422055_00063_25668_4826.N1	27-JAN-2007 07:24:40	Tw_i_and_stray	42.000	86	35Eta Oph	2.4300	10200.	84	25668	No
109	GOM_NL__2PRFIN20070127_072846_000000472055_00063_25668_4827.N1	27-JAN-2007 07:28:46	Dark	46.500	16	21Alp Sco	1.0200	3000.0	93	25668	No
110	GOM_NL__2PRFIN20070127_073007_000000442055_00063_25668_4828.N1	27-JAN-2007 07:30:07	Dark	43.500	75	26Eps Sco	2.2910	4250.0	87	25668	No
111	GOM_NL__2PRFIN20070127_073425_000000412055_00063_25668_4829.N1	27-JAN-2007 07:34:25	Dark	40.500	131	Gam Lup	2.8000	26000.	81	25668	No
112	GOM_NL__2PRFIN20070127_073821_000000372055_00064_25669_4877.N1	27-JAN-2007 07:38:21	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	25669	No
113	GOM_NL__2PRFIN20070127_073952_000000502055_00064_25669_4878.N1	27-JAN-2007 07:39:52	Dark	50.000	4	Alp1Cen	-0.010000	5800.0	100	25669	No
114	GOM_NL__2PRFIN20070127_074427_000000402055_00064_25669_4879.N1	27-JAN-2007 07:44:27	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	25669	No
115	GOM_NL__2PRFIN20070127_074820_000000372055_00064_25669_4880.N1	27-JAN-2007 07:48:20	Dark	37.000	29	Bet Car	1.6720	10200.	74	25669	No
116	GOM_NL__2PRFIN20070127_075034_000000392055_00064_25669_4881.N1	27-JAN-2007 07:50:34	Dark	38.500	71	lot Car	2.2460	7700.0	77	25669	No
117	GOM_NL__2PRFIN20070127_075222_000000392055_00064_25669_4882.N1	27-JAN-2007 07:52:22	Dark	39.000	46	Del Vel	1.9540	10600.	78	25669	No
118	GOM_NL__2PRFIN20070127_075456_000000382055_00064_25669_4883.N1	27-JAN-2007 07:54:56	Dark	37.500	34	Gam2Vel	1.7930	23000.	75	25669	No
119	GOM_NL__2PRFIN20070127_075702_000000382055_00064_25669_4884.N1	27-JAN-2007 07:57:02	Straylight	37.500	70	Zet Pup	2.2460	39000.	75	25669	No
120	GOM_NL__2PRFIN20070127_075829_000000432055_00064_25669_4885.N1	27-JAN-2007 07:58:29	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	25669	No
121	GOM_NL__2PRFIN20070127_080057_000000412055_00064_25669_4886.N1	27-JAN-2007 08:00:57	Straylight	40.500	23	21Eps CMa	1.5020	26000.	81	25669	No
122	GOM_NL__2PRFIN20070127_080220_000000372055_00064_25669_4887.N1	27-JAN-2007 08:02:20	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	25669	No
123	GOM_NL__2PRFIN20070127_080429_000000442055_00064_25669_4888.N1	27-JAN-2007 08:04:29	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	25669	No
124	GOM_NL__2PRFIN20070127_081029_000000552055_00064_25669_4889.N1	27-JAN-2007 08:10:29	Tw_i_and_stray	54.500	8	10Alp CMi	0.40000	6500.0	109	25669	No
125	GOM_NL__2PRFIN20070127_081346_000000362055_00064_25669_4890.N1	27-JAN-2007 08:13:46	Bright	35.500	44	24Gam Gem	1.9280	11000.	71	25669	No
126	GOM_NL__2PRFIN20070127_081533_000000352055_00064_25669_4891.N1	27-JAN-2007 08:15:33	Bright	35.000	151	13Mu Gem	2.8900	3000.0	70	25669	No
127	GOM_NL__2PRFIN20070127_081948_000000342055_00064_25669_4892.N1	27-JAN-2007 08:19:48	Bright	34.000	107	37The Aur	2.6490	11000.	68	25669	No
128	GOM_NL__2PRFIN20070127_082156_000000352055_00064_25669_4893.N1	27-JAN-2007 08:21:56	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	25669	No
129	GOM_NL__2PRFIN20070127_083422_000000362055_00064_25669_4894.N1	27-JAN-2007 08:34:22	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25669	No
130	GOM_NL__2PRFIN20070127_084521_000000362055_00064_25669_4895.N1	27-JAN-2007 08:45:21	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	25669	No
131	GOM_NL__2PRFIN20070127_084849_000000342055_00064_25669_4896.N1	27-JAN-2007 08:48:49	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	25669	No
132	GOM_NL__2PRFIN20070127_085653_000000362055_00064_25669_4897.N1	27-JAN-2007 08:56:53	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	25669	No
133	GOM_NL__2PRFIN20070127_085900_000000352055_00064_25669_4898.N1	27-JAN-2007 08:59:00	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	25669	No
134	GOM_NL__2PRFIN20070127_090517_000000422055_00064_25669_4899.N1	27-JAN-2007 09:05:17	Tw_i_and_stray	42.000	86	35Eta Oph	2.4300	10200.	84	25669	No
135	GOM_NL__2PRFIN20070127_090922_000000482055_00064_25669_4900.N1	27-JAN-2007 09:09:22	Dark	48.000	16	21Alp Sco	1.0200	3000.0	96	25669	No
136	GOM_NL__2PRFIN20070127_091043_000000432055_00064_25669_4901.N1	27-JAN-2007 09:10:43	Dark	43.000	75	26Eps Sco	2.2910	4250.0	86	25669	No
137	GOM_NL__2PRFIN20070127_091501_000000422055_00064_25669_4902.N1	27-JAN-2007 09:15:01	Dark	41.500	131	Gam Lup	2.8000	26000.	83	25669	No
138	GOM_NL__2PRFIN20070127_091857_000000372055_00065_25670_4889.N1	27-JAN-2007 09:18:57	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	25670	No
139	GOM_NL__2PRFIN20070127_092028_000000412055_00065_25670_4890.N1	27-JAN-2007 09:20:28	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	25670	No
140	GOM_NL__2PRFIN20070127_092503_000000402055_00065_25670_4891.N1	27-JAN-2007 09:25:03	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	25670	No
141	GOM_NL__2PRFIN20070127_092856_000000372055_00065_25670_4892.N1	27-JAN-2007 09:28:56	Dark	37.000	29	Bet Car	1.6720	10200.	74	25670	No
142	GOM_NL__2PRFIN20070127_093111_000000472055_00065_25670_4893.N1	27-JAN-2007 09:31:11	Dark	46.500	71	lot Car	2.2460	7700.0	93	25670	No
143	GOM_NL__2PRFIN20070127_093258_000000382055_00065_25670_4894.N1	27-JAN-2007 09:32:58	Dark	37.500	46	Del Vel	1.9540	10600.	75	25670	No
144	GOM_NL__2PRFIN20070127_093533_000000402055_00065_25670_4895.N1	27-JAN-2007 09:35:33	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	25670	No
145	GOM_NL__2PRFIN20070127_093739_000000402055_00065_25670_4896.N1	27-JAN-2007 09:37:39	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	25670	No
146	GOM_NL__2PRFIN20070127_093905_000000432055_00065_25670_4897.N1	27-JAN-2007 09:39:05	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	25670	No
147	GOM_NL__2PRFIN20070127_094133_000000412055_00065_25670_4898.N1	27-JAN-2007 09:41:33	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	25670	No
148	GOM_NL__2PRFIN20070127_094256_000000372055_00065_25670_4899.N1	27-JAN-2007 09:42:56	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	25670	No
149	GOM_NL__2PRFIN20070127_094505_000000432055_00065_25670_4900.N1	27-JAN-2007 09:45:05	Straylight	42.500	1	9Alp CMa	-1.4400	11000.	85	25670	No
150	GOM_NL__2PRFIN20070127_095105_000000522055_00065_25670_4901.N1	27-JAN-2007 09:51:05	Tw_i_and_stray	52.000	8	10Alp CMi	0.40000	6500.0	104	25670	No
151	GOM_NL__2PRFIN20070127_095422_000000382055_00065_25670_4902.N1	27-JAN-2007 09:54:22	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	25670	No
152	GOM_NL__2PRFIN20070127_095609_000000392055_00065_25670_4903.N1	27-JAN-2007 09:56:09	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	25670	No
153	GOM_NL__2PRFIN20070127_100025_000000352055_00065_25670_4904.N1	27-JAN-2007 10:00:25	Bright	35.000	107	37The Aur	2.6490	11000.	70	25670	No
154	GOM_NL__2PRFIN20070127_100232_000000352055_00065_25670_4905.N1	27-JAN-2007 10:02:32	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	25670	No
155	GOM_NL__2PRFIN20070127_101458_000000352055_00065_25670_4906.N1	27-JAN-2007 10:14:58	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	25670	No
156	GOM_NL__2PRFIN20070127_102557_000000372055_00065_25670_4907.N1	27-JAN-2007 10:25:57	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	25670	No
157	GOM_NL__2PRFIN20070127_102925_000000352055_00065_25670_4908.N1	27-JAN-2007 10:29:25	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	25670	No
158	GOM_NL__2PRFIN20070127_103729_000000352055_00065_25670_4909.N1	27-JAN-2007 10:37:29	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	25670	No
159	GOM_NL__2PRFIN20070127_103936_000000342055_00065_25670_4910.N1	27-JAN-2007 10:39:36	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	25670	No
160	GOM_NL__2PRFIN20070127_104553_000000412055_00065_25670_4911.N1	27-JAN-2007 10:45:53	Tw_i_and_stray	41.000	86	35Eta Oph	2.4300	10200.	82	25670	No

161	GOM_NL__2PRFIN20070127_104959_000000502055_00065_25670_4912.N1	27-JAN-2007 10:49:59	Dark	49.500	16	21Alp Sco	1.0200	3000.0	99	25670	No
162	GOM_NL__2PRFIN20070127_105120_000000432055_00065_25670_4913.N1	27-JAN-2007 10:51:20	Dark	42.500	75	26Eps Sco	2.2910	4250.0	85	25670	No
163	GOM_NL__2PRFIN20070127_105538_000000422055_00065_25670_4914.N1	27-JAN-2007 10:55:38	Dark	41.500	131	Gam Lup	2.8000	26000.	83	25670	No
164	GOM_NL__2PRFIN20070127_105934_000000392055_00066_25671_4905.N1	27-JAN-2007 10:59:34	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	25671	No
165	GOM_NL__2PRFIN20070127_110105_000000402055_00066_25671_4906.N1	27-JAN-2007 11:01:05	Dark	40.000	4	Alp1Cen	-0.010000	5800.0	80	25671	No
166	GOM_NL__2PRFIN20070127_110540_000000422055_00066_25671_4907.N1	27-JAN-2007 11:05:40	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	25671	No
167	GOM_NL__2PRFIN20070127_110932_000000382055_00066_25671_4908.N1	27-JAN-2007 11:09:32	Dark	37.500	29	Bet Car	1.6720	10200.	75	25671	No
168	GOM_NL__2PRFIN20070127_111147_000000392055_00066_25671_4909.N1	27-JAN-2007 11:11:47	Dark	38.500	71	lot Car	2.2460	7700.0	77	25671	No
169	GOM_NL__2PRFIN20070127_111334_000000402055_00066_25671_4910.N1	27-JAN-2007 11:13:34	Dark	40.000	46	Del Vel	1.9540	10600.	80	25671	No
170	GOM_NL__2PRFIN20070127_111609_000000392055_00066_25671_4911.N1	27-JAN-2007 11:16:09	Dark	39.000	34	Gam2Vel	1.7930	23000.	78	25671	No
171	GOM_NL__2PRFIN20070127_111815_000000402055_00066_25671_4912.N1	27-JAN-2007 11:18:15	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	25671	No
172	GOM_NL__2PRFIN20070127_111942_000000422055_00066_25671_4913.N1	27-JAN-2007 11:19:42	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	25671	No
173	GOM_NL__2PRFIN20070127_112209_000000412055_00066_25671_4914.N1	27-JAN-2007 11:22:09	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	25671	No
174	GOM_NL__2PRFIN20070127_112332_000000362055_00066_25671_4915.N1	27-JAN-2007 11:23:32	Straylight	36.000	179	24Omi2CMa	3.0320	24000.	72	25671	No
175	GOM_NL__2PRFIN20070127_112541_000000432055_00066_25671_4916.N1	27-JAN-2007 11:25:41	Straylight	42.500	1	9Alp CMa	-1.4400	11000.	85	25671	No
176	GOM_NL__2PRFIN20070127_113141_000000462055_00066_25671_4917.N1	27-JAN-2007 11:31:41	Tw_i_and_stray	45.500	8	10Alp CMI	0.40000	6500.0	91	25671	No
177	GOM_NL__2PRFIN20070127_113458_000000372055_00066_25671_4918.N1	27-JAN-2007 11:34:58	Bright	37.000	44	24Gam Gem	1.9280	11000.	74	25671	No
178	GOM_NL__2PRFIN20070127_113645_000000382055_00066_25671_4919.N1	27-JAN-2007 11:36:45	Bright	37.500	151	13Mu Gem	2.8900	3000.0	75	25671	No
179	GOM_NL__2PRFIN20070127_114101_000000352055_00066_25671_4920.N1	27-JAN-2007 11:41:01	Bright	35.000	107	37The Aur	2.6490	11000.	70	25671	No
180	GOM_NL__2PRFIN20070127_114308_000000362055_00066_25671_4921.N1	27-JAN-2007 11:43:08	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	25671	No
181	GOM_NL__2PRFIN20070127_115533_000000362055_00066_25671_4922.N1	27-JAN-2007 11:55:33	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25671	No
182	GOM_NL__2PRFIN20070127_120633_000000352055_00066_25671_4923.N1	27-JAN-2007 12:06:33	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	25671	No
183	GOM_NL__2PRFIN20070127_121001_000000332055_00066_25671_4924.N1	27-JAN-2007 12:10:01	Bright	32.500	5	3Alp Lyr	0.033000	11000.	65	25671	No
184	GOM_NL__2PRFIN20070127_121805_000000352055_00066_25671_4925.N1	27-JAN-2007 12:18:05	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	25671	No
185	GOM_NL__2PRFIN20070127_122012_000000342055_00066_25671_4926.N1	27-JAN-2007 12:20:12	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	25671	No
186	GOM_NL__2PRFIN20070127_122629_000000432055_00066_25671_4927.N1	27-JAN-2007 12:26:29	Tw_i_and_stray	42.500	86	35Eta Oph	2.4300	10200.	85	25671	No
187	GOM_NL__2PRFIN20070127_123035_000000482055_00066_25671_4928.N1	27-JAN-2007 12:30:35	Dark	48.000	16	21Alp Sco	1.0200	3000.0	96	25671	No
188	GOM_NL__2PRFIN20070127_123156_000000432055_00066_25671_4929.N1	27-JAN-2007 12:31:56	Dark	42.500	75	26Eps Sco	2.2910	4250.0	85	25671	No
189	GOM_NL__2PRFIN20070127_123615_000000412055_00066_25671_4930.N1	27-JAN-2007 12:36:15	Dark	41.000	131	Gam Lup	2.8000	26000.	82	25671	No
190	GOM_NL__2PRFIN20070127_124010_000000362055_00067_25672_4921.N1	27-JAN-2007 12:40:10	Dark	36.000	134	Bet TrA	2.8100	6600.0	72	25672	No
191	GOM_NL__2PRFIN20070127_124141_000000432055_00067_25672_4922.N1	27-JAN-2007 12:41:41	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	25672	No
192	GOM_NL__2PRFIN20070127_124616_000000432055_00067_25672_4923.N1	27-JAN-2007 12:46:16	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	25672	No
193	GOM_NL__2PRFIN20070127_125008_000000372055_00067_25672_4924.N1	27-JAN-2007 12:50:08	Dark	36.500	29	Bet Car	1.6720	10200.	73	25672	No
194	GOM_NL__2PRFIN20070127_125223_000000382055_00067_25672_4925.N1	27-JAN-2007 12:52:23	Dark	37.500	71	lot Car	2.2460	7700.0	75	25672	No
195	GOM_NL__2PRFIN20070127_125410_000000412055_00067_25672_4926.N1	27-JAN-2007 12:54:10	Dark	40.500	46	Del Vel	1.9540	10600.	81	25672	No
196	GOM_NL__2PRFIN20070127_125645_000000402055_00067_25672_4927.N1	27-JAN-2007 12:56:45	Dark	40.000	34	Gam2Vel	1.7930	23000.	80	25672	No
197	GOM_NL__2PRFIN20070127_125851_000000402055_00067_25672_4928.N1	27-JAN-2007 12:58:51	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	25672	No
198	GOM_NL__2PRFIN20070127_130018_000000402055_00067_25672_4929.N1	27-JAN-2007 13:00:18	Straylight	39.500	117	Pi Pup	2.7060	3800.0	79	25672	No
199	GOM_NL__2PRFIN20070127_130245_000000432055_00067_25672_4930.N1	27-JAN-2007 13:02:45	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	25672	No
200	GOM_NL__2PRFIN20070127_130408_000000362055_00067_25672_4931.N1	27-JAN-2007 13:04:08	Straylight	35.500	179	24Omi2CMa	3.0320	24000.	71	25672	No
201	GOM_NL__2PRFIN20070127_130617_000000452055_00067_25672_4932.N1	27-JAN-2007 13:06:17	Straylight	44.500	1	9Alp CMa	-1.4400	11000.	89	25672	No
202	GOM_NL__2PRFIN20070127_131216_000000512055_00067_25672_4933.N1	27-JAN-2007 13:12:16	Tw_i_and_stray	50.500	8	10Alp CMI	0.40000	6500.0	101	25672	No
203	GOM_NL__2PRFIN20070127_131534_000000382055_00067_25672_4934.N1	27-JAN-2007 13:15:34	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	25672	No
204	GOM_NL__2PRFIN20070127_131721_000000382055_00067_25672_4935.N1	27-JAN-2007 13:17:21	Bright	37.500	151	13Mu Gem	2.8900	3000.0	75	25672	No
205	GOM_NL__2PRFIN20070127_132137_000000352055_00067_25672_4936.N1	27-JAN-2007 13:21:37	Bright	35.000	107	37The Aur	2.6490	11000.	70	25672	No
206	GOM_NL__2PRFIN20070127_132344_000000352055_00067_25672_4937.N1	27-JAN-2007 13:23:44	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	25672	No
207	GOM_NL__2PRFIN20070127_133609_000000342055_00067_25672_4938.N1	27-JAN-2007 13:36:09	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	25672	No
208	GOM_NL__2PRFIN20070127_134709_000000372055_00067_25672_4939.N1	27-JAN-2007 13:47:09	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	25672	No
209	GOM_NL__2PRFIN20070127_135037_000000372055_00067_25672_4940.N1	27-JAN-2007 13:50:37	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	25672	No
210	GOM_NL__2PRFIN20070127_135842_000000352055_00067_25672_4941.N1	27-JAN-2007 13:58:42	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	25672	No
211	GOM_NL__2PRFIN20070127_140048_000000352055_00067_25672_4942.N1	27-JAN-2007 14:00:48	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	25672	No
212	GOM_NL__2PRFIN20070127_140706_000000422055_00067_25672_4943.N1	27-JAN-2007 14:07:06	Tw_i_and_stray	42.000	86	35Eta Oph	2.4300	10200.	84	25672	No
213	GOM_NL__2PRFIN20070127_141112_000000542055_00067_25672_4944.N1	27-JAN-2007 14:11:12	Dark	54.000	16	21Alp Sco	1.0200	3000.0	108	25672	No
214	GOM_NL__2PRFIN20070127_141232_000000412055_00067_25672_4945.N1	27-JAN-2007 14:12:32	Dark	41.000	75	26Eps Sco	2.2910	4250.0	82	25672	No
215	GOM_NL__2PRFIN20070127_141651_000000402055_00067_25672_4946.N1	27-JAN-2007 14:16:51	Dark	40.000	131	Gam Lup	2.8000	26000.	80	25672	No
216	GOM_NL__2PRFIN20070127_142046_000000372055_00068_25673_4932.N1	27-JAN-2007 14:20:46	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	25673	No
217	GOM_NL__2PRFIN20070127_142218_000000422055_00068_25673_4933.N1	27-JAN-2007 14:22:18	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	25673	No
218	GOM_NL__2PRFIN20070127_142653_000000402055_00068_25673_4934.N1	27-JAN-2007 14:26:53	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	25673	No
219	GOM_NL__2PRFIN20070127_143044_000000382055_00068_25673_4935.N1	27-JAN-2007 14:30:44	Dark	37.500	29	Bet Car	1.6720	10200.	75	25673	No

220	GOM_NL__2PRFIN20070127_143259_000000392055_00068_25673_4936.N1	27-JAN-2007 14:32:59	Dark	39.000	71	lot Car	2.2460	7700.0	78	25673	No
221	GOM_NL__2PRFIN20070127_143446_000000392055_00068_25673_4937.N1	27-JAN-2007 14:34:46	Dark	38.500	46	Del Vel	1.9540	10600.	77	25673	No
222	GOM_NL__2PRFIN20070127_143721_000000432055_00068_25673_4938.N1	27-JAN-2007 14:37:21	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	25673	No
223	GOM_NL__2PRFIN20070127_143927_000000412055_00068_25673_4939.N1	27-JAN-2007 14:39:27	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	25673	No
224	GOM_NL__2PRFIN20070127_144054_000000422055_00068_25673_4940.N1	27-JAN-2007 14:40:54	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	25673	No
225	GOM_NL__2PRFIN20070127_144321_000000412055_00068_25673_4941.N1	27-JAN-2007 14:43:21	Straylight	40.500	23	21Eps CMa	1.5020	26000.	81	25673	No
226	GOM_NL__2PRFIN20070127_144444_000000362055_00068_25673_4942.N1	27-JAN-2007 14:44:44	Straylight	36.000	179	24Omi2CMa	3.0320	24000.	72	25673	No
227	GOM_NL__2PRFIN20070127_144653_000000442055_00068_25673_4943.N1	27-JAN-2007 14:46:53	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	25673	No
228	GOM_NL__2PRFIN20070127_145252_000000492055_00068_25673_4944.N1	27-JAN-2007 14:52:52	Tw_i_and_stray	49.000	8	10Alp CMi	0.40000	6500.0	98	25673	No
229	GOM_NL__2PRFIN20070127_145610_000000372055_00068_25673_4945.N1	27-JAN-2007 14:56:10	Bright	37.000	44	24Gam Gem	1.9280	11000.	74	25673	No
230	GOM_NL__2PRFIN20070127_145758_000000382055_00068_25673_4946.N1	27-JAN-2007 14:57:58	Bright	38.000	151	13Mu Gem	2.8900	3000.0	76	25673	No
231	GOM_NL__2PRFIN20070127_150213_000000362055_00068_25673_4947.N1	27-JAN-2007 15:02:13	Bright	35.500	107	37The Aur	2.6490	11000.	71	25673	No
232	GOM_NL__2PRFIN20070127_150420_000000362055_00068_25673_4948.N1	27-JAN-2007 15:04:20	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	25673	No
233	GOM_NL__2PRFIN20070127_151645_000000522055_00068_25673_4949.N1	27-JAN-2007 15:16:45	Bright	52.000	49	1Alp UMi	1.9900	6300.0	104	25673	No
234	GOM_NL__2PRFIN20070127_152745_000000372055_00068_25673_4950.N1	27-JAN-2007 15:27:45	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	25673	No
235	GOM_NL__2PRFIN20070127_153113_000000342055_00068_25673_4951.N1	27-JAN-2007 15:31:13	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	25673	No
236	GOM_NL__2PRFIN20070127_153918_000000352055_00068_25673_4952.N1	27-JAN-2007 15:39:18	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	25673	No
237	GOM_NL__2PRFIN20070127_154125_000000352055_00068_25673_4953.N1	27-JAN-2007 15:41:25	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	25673	No
238	GOM_NL__2PRFIN20070127_154742_000000412055_00068_25673_4954.N1	27-JAN-2007 15:47:42	Tw_i_and_stray	41.000	86	35Eta Oph	2.4300	10200.	82	25673	No
239	GOM_NL__2PRFIN20070127_155148_000000472055_00068_25673_4955.N1	27-JAN-2007 15:51:48	Dark	47.000	16	21Alp Sco	1.0200	3000.0	94	25673	No
240	GOM_NL__2PRFIN20070127_155309_000000412055_00068_25673_4956.N1	27-JAN-2007 15:53:09	Dark	41.000	75	26Eps Sco	2.2910	4250.0	82	25673	No
241	GOM_NL__2PRFIN20070127_155728_000000412055_00068_25673_4957.N1	27-JAN-2007 15:57:28	Dark	41.000	131	Gam Lup	2.8000	26000.	82	25673	No
242	GOM_NL__2PRFIN20070127_160123_000000382055_00069_25674_4954.N1	27-JAN-2007 16:01:23	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	25674	No
243	GOM_NL__2PRFIN20070127_160254_000000552055_00069_25674_4955.N1	27-JAN-2007 16:02:54	Dark	54.500	4	Alp1Cen	-0.010000	5800.0	109	25674	No
244	GOM_NL__2PRFIN20070127_160729_000000432055_00069_25674_4956.N1	27-JAN-2007 16:07:29	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	25674	No
245	GOM_NL__2PRFIN20070127_161120_000000372055_00069_25674_4957.N1	27-JAN-2007 16:11:20	Dark	36.500	29	Bet Car	1.6720	10200.	73	25674	No
246	GOM_NL__2PRFIN20070127_161336_000000372055_00069_25674_4958.N1	27-JAN-2007 16:13:36	Dark	37.000	71	lot Car	2.2460	7700.0	74	25674	No
247	GOM_NL__2PRFIN20070127_161523_000000382055_00069_25674_4959.N1	27-JAN-2007 16:15:23	Dark	37.500	46	Del Vel	1.9540	10600.	75	25674	No
248	GOM_NL__2PRFIN20070127_161757_000000422055_00069_25674_4960.N1	27-JAN-2007 16:17:57	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	25674	No
249	GOM_NL__2PRFIN20070127_162003_000000382055_00069_25674_4961.N1	27-JAN-2007 16:20:03	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	25674	No
250	GOM_NL__2PRFIN20070127_162130_000000422055_00069_25674_4962.N1	27-JAN-2007 16:21:30	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	25674	No
251	GOM_NL__2PRFIN20070127_162357_000000412055_00069_25674_4963.N1	27-JAN-2007 16:23:57	Straylight	40.500	23	21Eps CMa	1.5020	26000.	81	25674	No
252	GOM_NL__2PRFIN20070127_162520_000000352055_00069_25674_4964.N1	27-JAN-2007 16:25:20	Straylight	35.000	179	24Omi2CMa	3.0320	24000.	70	25674	No
253	GOM_NL__2PRFIN20070127_162729_000000372055_00069_25674_4965.N1	27-JAN-2007 16:27:29	Straylight	37.000	1	9Alp CMa	-1.4400	11000.	74	25674	No
254	GOM_NL__2PRFIN20070127_163328_000000482055_00069_25674_4966.N1	27-JAN-2007 16:33:28	Tw_i_and_stray	47.500	8	10Alp CMi	0.40000	6500.0	95	25674	No
255	GOM_NL__2PRFIN20070127_163646_000000372055_00069_25674_4967.N1	27-JAN-2007 16:36:46	Bright	37.000	44	24Gam Gem	1.9280	11000.	74	25674	No
256	GOM_NL__2PRFIN20070127_163834_000000392055_00069_25674_4968.N1	27-JAN-2007 16:38:34	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	25674	No
257	GOM_NL__2PRFIN20070127_164249_000000362055_00069_25674_4969.N1	27-JAN-2007 16:42:49	Bright	36.000	107	37The Aur	2.6490	11000.	72	25674	No
258	GOM_NL__2PRFIN20070127_164456_000000362055_00069_25674_4970.N1	27-JAN-2007 16:44:56	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	25674	No
259	GOM_NL__2PRFIN20070127_165721_000000352055_00069_25674_4971.N1	27-JAN-2007 16:57:21	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	25674	No
260	GOM_NL__2PRFIN20070127_170821_000000362055_00069_25674_4972.N1	27-JAN-2007 17:08:21	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	25674	No
261	GOM_NL__2PRFIN20070127_171150_000000342055_00069_25674_4973.N1	27-JAN-2007 17:11:50	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	25674	No
262	GOM_NL__2PRFIN20070127_171954_000000352055_00069_25674_4974.N1	27-JAN-2007 17:19:54	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	25674	No
263	GOM_NL__2PRFIN20070127_172201_000000352055_00069_25674_4975.N1	27-JAN-2007 17:22:01	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	25674	No
264	GOM_NL__2PRFIN20070127_172819_000000392055_00069_25674_4976.N1	27-JAN-2007 17:28:19	Tw_i_and_stray	39.000	86	35Eta Oph	2.4300	10200.	78	25674	No
265	GOM_NL__2PRFIN20070127_173225_000000572055_00069_25674_4977.N1	27-JAN-2007 17:32:25	Dark	57.000	16	21Alp Sco	1.0200	3000.0	114	25674	No
266	GOM_NL__2PRFIN20070127_173345_000000452055_00069_25674_4978.N1	27-JAN-2007 17:33:45	Dark	44.500	75	26Eps Sco	2.2910	4250.0	89	25674	No
267	GOM_NL__2PRFIN20070127_173805_000000412055_00069_25674_4979.N1	27-JAN-2007 17:38:05	Dark	40.500	131	Gam Lup	2.8000	26000.	81	25674	No
268	GOM_NL__2PRFIN20070127_174159_000000382055_00070_25675_4969.N1	27-JAN-2007 17:41:59	Dark	37.500	134	Bet TrA	2.8100	6600.0	75	25675	No
269	GOM_NL__2PRFIN20070127_174331_000000452055_00070_25675_4970.N1	27-JAN-2007 17:43:31	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	25675	No
270	GOM_NL__2PRFIN20070127_174806_000000402055_00070_25675_4971.N1	27-JAN-2007 17:48:06	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	25675	No
271	GOM_NL__2PRFIN20070127_175157_000000372055_00070_25675_4972.N1	27-JAN-2007 17:51:57	Dark	37.000	29	Bet Car	1.6720	10200.	74	25675	No
272	GOM_NL__2PRFIN20070127_175412_000000402055_00070_25675_4973.N1	27-JAN-2007 17:54:12	Dark	40.000	71	lot Car	2.2460	7700.0	80	25675	No
273	GOM_NL__2PRFIN20070127_175559_000000372055_00070_25675_4974.N1	27-JAN-2007 17:55:59	Dark	36.500	46	Del Vel	1.9540	10600.	73	25675	No
274	GOM_NL__2PRFIN20070127_175834_000000422055_00070_25675_4975.N1	27-JAN-2007 17:58:34	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	25675	No
275	GOM_NL__2PRFIN20070127_180040_000000382055_00070_25675_4976.N1	27-JAN-2007 18:00:40	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	25675	No
276	GOM_NL__2PRFIN20070127_180206_000000412055_00070_25675_4977.N1	27-JAN-2007 18:02:06	Straylight	41.000	117	Pi Pup	2.7060	3800.0	82	25675	No
277	GOM_NL__2PRFIN20070127_180433_000000402055_00070_25675_4978.N1	27-JAN-2007 18:04:33	Straylight	39.500	23	21Eps CMa	1.5020	26000.	79	25675	No
278	GOM_NL__2PRFIN20070127_180556_000000372055_00070_25675_4979.N1	27-JAN-2007 18:05:56	Straylight	36.500	179	24Omi2CMa	3.0320	24000.	73	25675	No

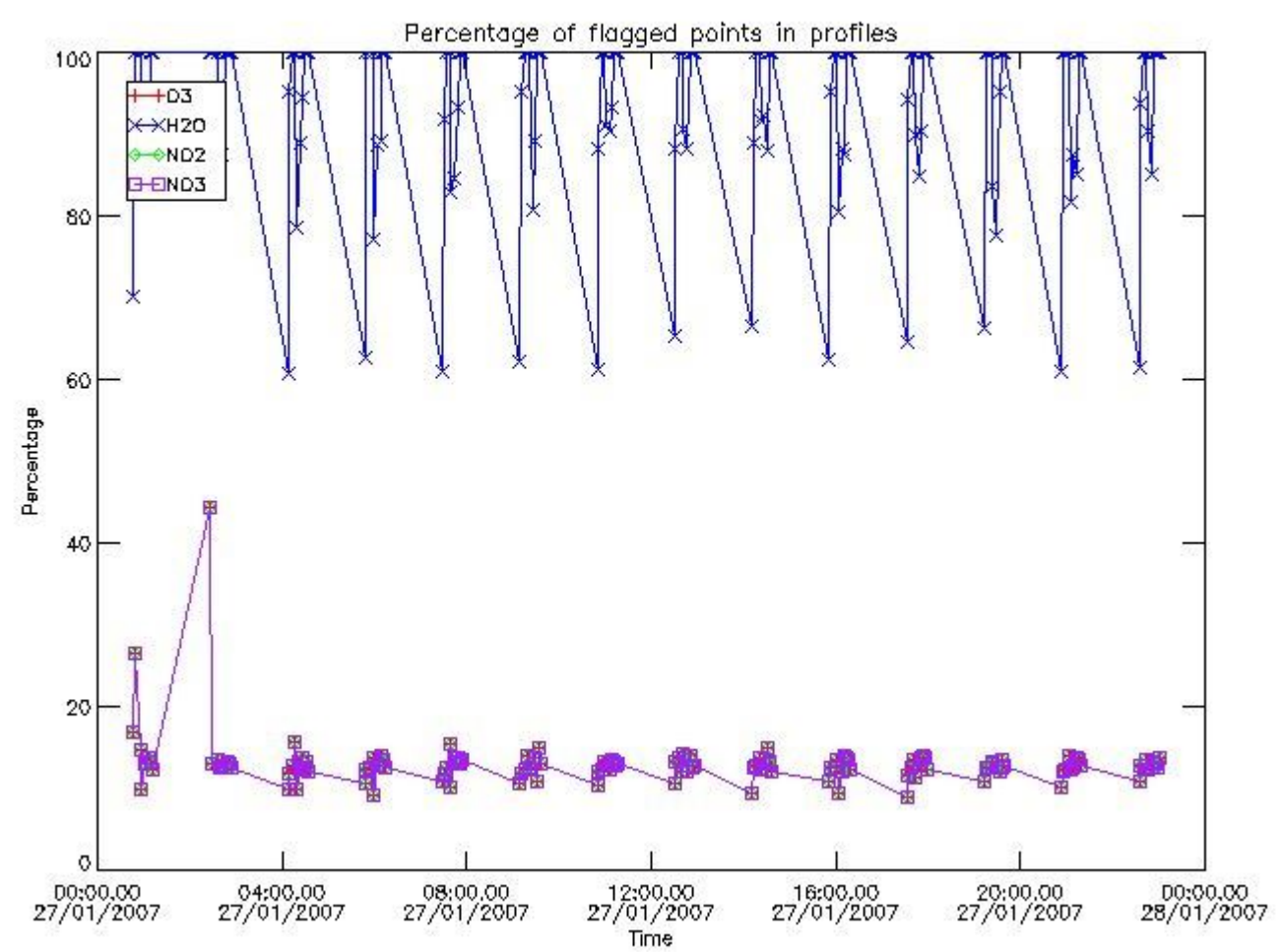
279	GOM_NL__2PRFIN20070127_180805_000000442055_00070_25675_4980.N1	27-JAN-2007 18:08:05	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	25675	No
280	GOM_NL__2PRFIN20070127_181404_000000542055_00070_25675_4981.N1	27-JAN-2007 18:14:04	Twl_and_stray	53.500	8	10Alp CMi	0.40000	6500.0	107	25675	No
281	GOM_NL__2PRFIN20070127_181722_000000382055_00070_25675_4982.N1	27-JAN-2007 18:17:22	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	25675	No
282	GOM_NL__2PRFIN20070127_181910_000000372055_00070_25675_4983.N1	27-JAN-2007 18:19:10	Bright	37.000	151	13Mu Gem	2.8900	3000.0	74	25675	No
283	GOM_NL__2PRFIN20070127_182325_000000352055_00070_25675_4984.N1	27-JAN-2007 18:23:25	Bright	35.000	107	37The Aur	2.6490	11000.	70	25675	No
284	GOM_NL__2PRFIN20070127_182532_000000362055_00070_25675_4985.N1	27-JAN-2007 18:25:32	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	25675	No
285	GOM_NL__2PRFIN20070127_183757_000000362055_00070_25675_4986.N1	27-JAN-2007 18:37:57	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25675	No
286	GOM_NL__2PRFIN20070127_184857_000000362055_00070_25675_4987.N1	27-JAN-2007 18:48:57	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	25675	No
287	GOM_NL__2PRFIN20070127_185226_000000342055_00070_25675_4988.N1	27-JAN-2007 18:52:26	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	25675	No
288	GOM_NL__2PRFIN20070127_190030_000000352055_00070_25675_4989.N1	27-JAN-2007 19:00:30	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	25675	No
289	GOM_NL__2PRFIN20070127_190237_000000352055_00070_25675_4990.N1	27-JAN-2007 19:02:37	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	25675	No
290	GOM_NL__2PRFIN20070127_190855_000000422055_00070_25675_4991.N1	27-JAN-2007 19:08:55	Twl_and_stray	42.000	86	35Eta Oph	2.4300	10200.	84	25675	No
291	GOM_NL__2PRFIN20070127_191301_000000472055_00070_25675_4992.N1	27-JAN-2007 19:13:01	Dark	46.500	16	21Alp Sco	1.0200	3000.0	93	25675	No
292	GOM_NL__2PRFIN20070127_191422_000000412055_00070_25675_4993.N1	27-JAN-2007 19:14:22	Dark	40.500	75	26Eps Sco	2.2910	4250.0	81	25675	No
293	GOM_NL__2PRFIN20070127_191842_000000412055_00070_25675_4994.N1	27-JAN-2007 19:18:42	Dark	40.500	131	Gam Lup	2.8000	26000.	81	25675	No
294	GOM_NL__2PRFIN20070127_192235_000000392055_00071_25676_5012.N1	27-JAN-2007 19:22:35	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	25676	No
295	GOM_NL__2PRFIN20070127_192407_000000432055_00071_25676_5013.N1	27-JAN-2007 19:24:07	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	25676	No
296	GOM_NL__2PRFIN20070127_192842_000000412055_00071_25676_5014.N1	27-JAN-2007 19:28:42	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	25676	No
297	GOM_NL__2PRFIN20070127_193233_000000432055_00071_25676_5015.N1	27-JAN-2007 19:32:33	Dark	42.500	29	Bet Car	1.6720	10200.	85	25676	No
298	GOM_NL__2PRFIN20070127_193448_000000412055_00071_25676_5016.N1	27-JAN-2007 19:34:48	Dark	41.000	71	lot Car	2.2460	7700.0	82	25676	No
299	GOM_NL__2PRFIN20070127_193635_000000382055_00071_25676_5017.N1	27-JAN-2007 19:36:35	Dark	37.500	46	Del Vel	1.9540	10600.	75	25676	No
300	GOM_NL__2PRFIN20070127_193910_000000402055_00071_25676_5018.N1	27-JAN-2007 19:39:10	Dark	40.000	34	Gam2Vel	1.7930	23000.	80	25676	No
301	GOM_NL__2PRFIN20070127_194116_000000412055_00071_25676_5019.N1	27-JAN-2007 19:41:16	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	25676	No
302	GOM_NL__2PRFIN20070127_194242_000000412055_00071_25676_5020.N1	27-JAN-2007 19:42:42	Straylight	40.500	117	Pi Pup	2.7060	3800.0	81	25676	No
303	GOM_NL__2PRFIN20070127_194509_000000422055_00071_25676_5021.N1	27-JAN-2007 19:45:09	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	25676	No
304	GOM_NL__2PRFIN20070127_194632_000000382055_00071_25676_5022.N1	27-JAN-2007 19:46:32	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	25676	No
305	GOM_NL__2PRFIN20070127_194841_000000452055_00071_25676_5023.N1	27-JAN-2007 19:48:41	Straylight	44.500	1	9Alp CMa	-1.4400	11000.	89	25676	No
306	GOM_NL__2PRFIN20070127_195440_000000462055_00071_25676_5024.N1	27-JAN-2007 19:54:40	Twl_and_stray	46.000	8	10Alp CMi	0.40000	6500.0	92	25676	No
307	GOM_NL__2PRFIN20070127_195758_000000392055_00071_25676_5025.N1	27-JAN-2007 19:57:58	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	25676	No
308	GOM_NL__2PRFIN20070127_195946_000000392055_00071_25676_5026.N1	27-JAN-2007 19:59:46	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	25676	No
309	GOM_NL__2PRFIN20070127_200232_000000252055_00071_25676_5027.N1	27-JAN-2007 20:02:32	Twl_and_stray	25.000	24	66Alp Gem	1.5800	10200.	50	25676	No
310	GOM_NL__2PRFIN20070127_200401_000000352055_00071_25676_5028.N1	27-JAN-2007 20:04:01	Bright	35.000	107	37The Aur	2.6490	11000.	70	25676	No
311	GOM_NL__2PRFIN20070127_200608_000000352055_00071_25676_5029.N1	27-JAN-2007 20:06:08	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	25676	No
312	GOM_NL__2PRFIN20070127_201833_000000362055_00071_25676_5030.N1	27-JAN-2007 20:18:33	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25676	No
313	GOM_NL__2PRFIN20070127_202933_000000372055_00071_25676_5031.N1	27-JAN-2007 20:29:33	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	25676	No
314	GOM_NL__2PRFIN20070127_203302_000000362055_00071_25676_5032.N1	27-JAN-2007 20:33:02	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	25676	No
315	GOM_NL__2PRFIN20070127_204106_000000362055_00071_25676_5033.N1	27-JAN-2007 20:41:06	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	25676	No
316	GOM_NL__2PRFIN20070127_204313_000000352055_00071_25676_5034.N1	27-JAN-2007 20:43:13	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	25676	No
317	GOM_NL__2PRFIN20070127_204931_000000412055_00071_25676_5035.N1	27-JAN-2007 20:49:31	Twl_and_stray	41.000	86	35Eta Oph	2.4300	10200.	82	25676	No
318	GOM_NL__2PRFIN20070127_205338_000000512055_00071_25676_5036.N1	27-JAN-2007 20:53:38	Dark	50.500	16	21Alp Sco	1.0200	3000.0	101	25676	No
319	GOM_NL__2PRFIN20070127_205458_000000422055_00071_25676_5037.N1	27-JAN-2007 20:54:58	Dark	42.000	75	26Eps Sco	2.2910	4250.0	84	25676	No
320	GOM_NL__2PRFIN20070127_205918_000000422055_00071_25676_5038.N1	27-JAN-2007 20:59:18	Dark	41.500	131	Gam Lup	2.8000	26000.	83	25676	No
321	GOM_NL__2PRFIN20070127_210311_000000372055_00072_25677_5001.N1	27-JAN-2007 21:03:11	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	25677	No
322	GOM_NL__2PRFIN20070127_210444_000000422055_00072_25677_5002.N1	27-JAN-2007 21:04:44	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	25677	No
323	GOM_NL__2PRFIN20070127_210919_000000412055_00072_25677_5003.N1	27-JAN-2007 21:09:19	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	25677	No
324	GOM_NL__2PRFIN20070127_211309_000000372055_00072_25677_5004.N1	27-JAN-2007 21:13:09	Dark	37.000	29	Bet Car	1.6720	10200.	74	25677	No
325	GOM_NL__2PRFIN20070127_211525_000000382055_00072_25677_5005.N1	27-JAN-2007 21:15:25	Dark	38.000	71	lot Car	2.2460	7700.0	76	25677	No
326	GOM_NL__2PRFIN20070127_211712_000000382055_00072_25677_5006.N1	27-JAN-2007 21:17:12	Dark	37.500	46	Del Vel	1.9540	10600.	75	25677	No
327	GOM_NL__2PRFIN20070127_211946_000000402055_00072_25677_5007.N1	27-JAN-2007 21:19:46	Dark	40.000	34	Gam2Vel	1.7930	23000.	80	25677	No
328	GOM_NL__2PRFIN20070127_212152_000000382055_00072_25677_5008.N1	27-JAN-2007 21:21:52	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	25677	No
329	GOM_NL__2PRFIN20070127_212318_000000392055_00072_25677_5009.N1	27-JAN-2007 21:23:18	Straylight	39.000	117	Pi Pup	2.7060	3800.0	78	25677	No
330	GOM_NL__2PRFIN20070127_212545_000000392055_00072_25677_5010.N1	27-JAN-2007 21:25:45	Straylight	39.000	23	21Eps CMa	1.5020	26000.	78	25677	No
331	GOM_NL__2PRFIN20070127_212708_000000392055_00072_25677_5011.N1	27-JAN-2007 21:27:08	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	25677	No
332	GOM_NL__2PRFIN20070127_212917_000000442055_00072_25677_5012.N1	27-JAN-2007 21:29:17	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	25677	No
333	GOM_NL__2PRFIN20070127_213516_000000522055_00072_25677_5013.N1	27-JAN-2007 21:35:16	Twl_and_stray	52.000	8	10Alp CMi	0.40000	6500.0	104	25677	No
334	GOM_NL__2PRFIN20070127_213834_000000372055_00072_25677_5014.N1	27-JAN-2007 21:38:34	Bright	37.000	44	24Gam Gem	1.9280	11000.	74	25677	No
335	GOM_NL__2PRFIN20070127_214022_000000392055_00072_25677_5015.N1	27-JAN-2007 21:40:22	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	25677	No
336	GOM_NL__2PRFIN20070127_214308_000000252055_00072_25677_5016.N1	27-JAN-2007 21:43:08	Twl_and_stray	25.000	24	66Alp Gem	1.5800	10200.	50	25677	No
337	GOM_NL__2PRFIN20070127_214437_000000352055_00072_25677_5017.N1	27-JAN-2007 21:44:37	Bright	35.000	107	37The Aur	2.6490	11000.	70	25677	No

338	GOM_NL__2PRFIN20070127_214644_000000362055_00072_25677_5018.N1	27-JAN-2007 21:46:44	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	25677	No
339	GOM_NL__2PRFIN20070127_215909_000000362055_00072_25677_5019.N1	27-JAN-2007 21:59:09	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	25677	No
340	GOM_NL__2PRFIN20070127_221009_000000372055_00072_25677_5020.N1	27-JAN-2007 22:10:09	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	25677	No
341	GOM_NL__2PRFIN20070127_221338_000000352055_00072_25677_5021.N1	27-JAN-2007 22:13:38	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	25677	No
342	GOM_NL__2PRFIN20070127_222143_000000352055_00072_25677_5022.N1	27-JAN-2007 22:21:43	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	25677	No
343	GOM_NL__2PRFIN20070127_222349_000000352055_00072_25677_5023.N1	27-JAN-2007 22:23:49	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	25677	No
344	GOM_NL__2PRFIN20070127_223007_000000442055_00072_25677_5024.N1	27-JAN-2007 22:30:07	Tw_i_and_stray	43.500	86	35Eta Oph	2.4300	10200.	87	25677	No
345	GOM_NL__2PRFIN20070127_223414_000000472055_00072_25677_5025.N1	27-JAN-2007 22:34:14	Dark	47.000	16	21Alp Sco	1.0200	3000.0	94	25677	No
346	GOM_NL__2PRFIN20070127_223534_000000402055_00072_25677_5026.N1	27-JAN-2007 22:35:34	Dark	40.000	75	26Eps Sco	2.2910	4250.0	80	25677	No
347	GOM_NL__2PRFIN20070127_223954_000000422055_00072_25677_5027.N1	27-JAN-2007 22:39:54	Dark	41.500	131	Gam Lup	2.8000	26000.	83	25677	No
348	GOM_NL__2PRFIN20070127_224348_000000382055_00073_25678_5007.N1	27-JAN-2007 22:43:48	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	25678	No
349	GOM_NL__2PRFIN20070127_224520_000000422055_00073_25678_5008.N1	27-JAN-2007 22:45:20	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	25678	No
350	GOM_NL__2PRFIN20070127_224955_000000412055_00073_25678_5009.N1	27-JAN-2007 22:49:55	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	25678	No
351	GOM_NL__2PRFIN20070127_225345_000000392055_00073_25678_5010.N1	27-JAN-2007 22:53:45	Dark	38.500	29	Bet Car	1.6720	10200.	77	25678	No
352	GOM_NL__2PRFIN20070127_225601_000000392055_00073_25678_5011.N1	27-JAN-2007 22:56:01	Dark	39.000	71	lot Car	2.2460	7700.0	78	25678	No
353	GOM_NL__2PRFIN20070127_225748_000000412055_00073_25678_5012.N1	27-JAN-2007 22:57:48	Dark	41.000	46	Del Vel	1.9540	10600.	82	25678	No
354	GOM_NL__2PRFIN20070127_230022_000000412055_00073_25678_5013.N1	27-JAN-2007 23:00:22	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	25678	No
355	GOM_NL__2PRFIN20070127_230228_000000412055_00073_25678_5014.N1	27-JAN-2007 23:02:28	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	25678	No
356	GOM_NL__2PRFIN20070127_230354_000000412055_00073_25678_5015.N1	27-JAN-2007 23:03:54	Straylight	40.500	117	Pi Pup	2.7060	3800.0	81	25678	No
357	GOM_NL__2PRFIN20070127_230621_000000412055_00073_25678_5016.N1	27-JAN-2007 23:06:21	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	25678	No
358	GOM_NL__2PRFIN20070127_230744_000000372055_00073_25678_5017.N1	27-JAN-2007 23:07:44	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	25678	No
359	GOM_NL__2PRFIN20070127_230953_000000482055_00073_25678_5018.N1	27-JAN-2007 23:09:53	Straylight	48.000	1	9Alp CMa	-1.4400	11000.	96	25678	No
360	GOM_NL__2PRFIN20070127_231552_000000512055_00073_25678_5019.N1	27-JAN-2007 23:15:52	Tw_i_and_stray	50.500	8	10Alp CMi	0.40000	6500.0	101	25678	No
361	GOM_NL__2PRFIN20070127_231910_000000382055_00073_25678_5020.N1	27-JAN-2007 23:19:10	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	25678	No
362	GOM_NL__2PRFIN20070127_232058_000000382055_00073_25678_5021.N1	27-JAN-2007 23:20:58	Bright	37.500	151	13Mu Gem	2.8900	3000.0	75	25678	No
363	GOM_NL__2PRFIN20070127_232344_000000362055_00073_25678_5022.N1	27-JAN-2007 23:23:44	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	25678	No
364	GOM_NL__2PRFIN20070127_232513_000000362055_00073_25678_5023.N1	27-JAN-2007 23:25:13	Bright	35.500	107	37The Aur	2.6490	11000.	71	25678	No
365	GOM_NL__2PRFIN20070127_232720_000000352055_00073_25678_5024.N1	27-JAN-2007 23:27:20	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	25678	No
366	GOM_NL__2PRFIN20070127_233945_000000332055_00073_25678_5025.N1	27-JAN-2007 23:39:45	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	25678	No
367	GOM_NL__2PRFIN20070127_235045_000000382055_00073_25678_5026.N1	27-JAN-2007 23:50:45	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	25678	No
368	GOM_NL__2PRFIN20070127_235414_000000342055_00073_25678_5027.N1	27-JAN-2007 23:54:14	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	25678	No

3. Quality information per product

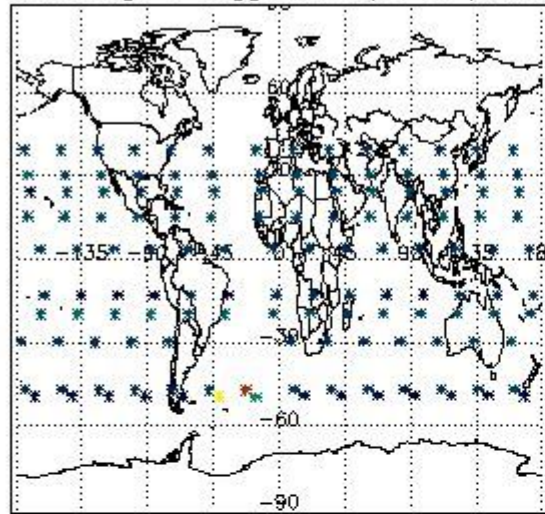
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

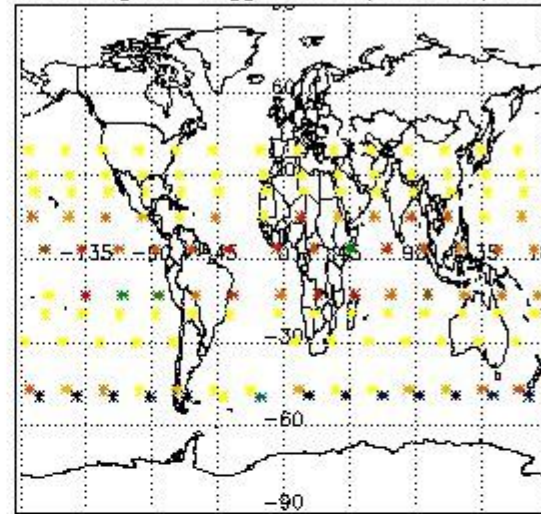


3.2 Plot quality information per product (world map)

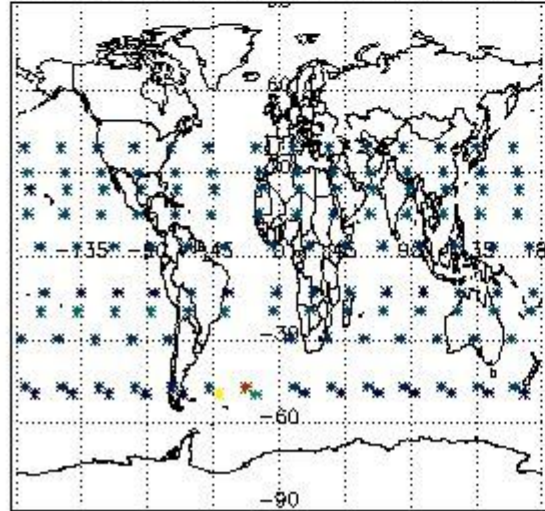
Percentage of flagged data per O3 profile



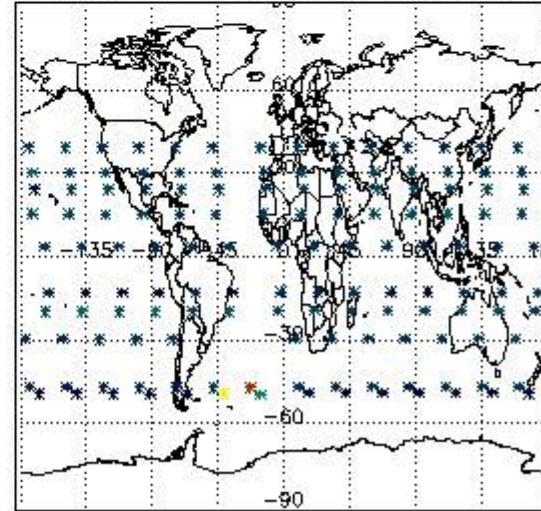
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

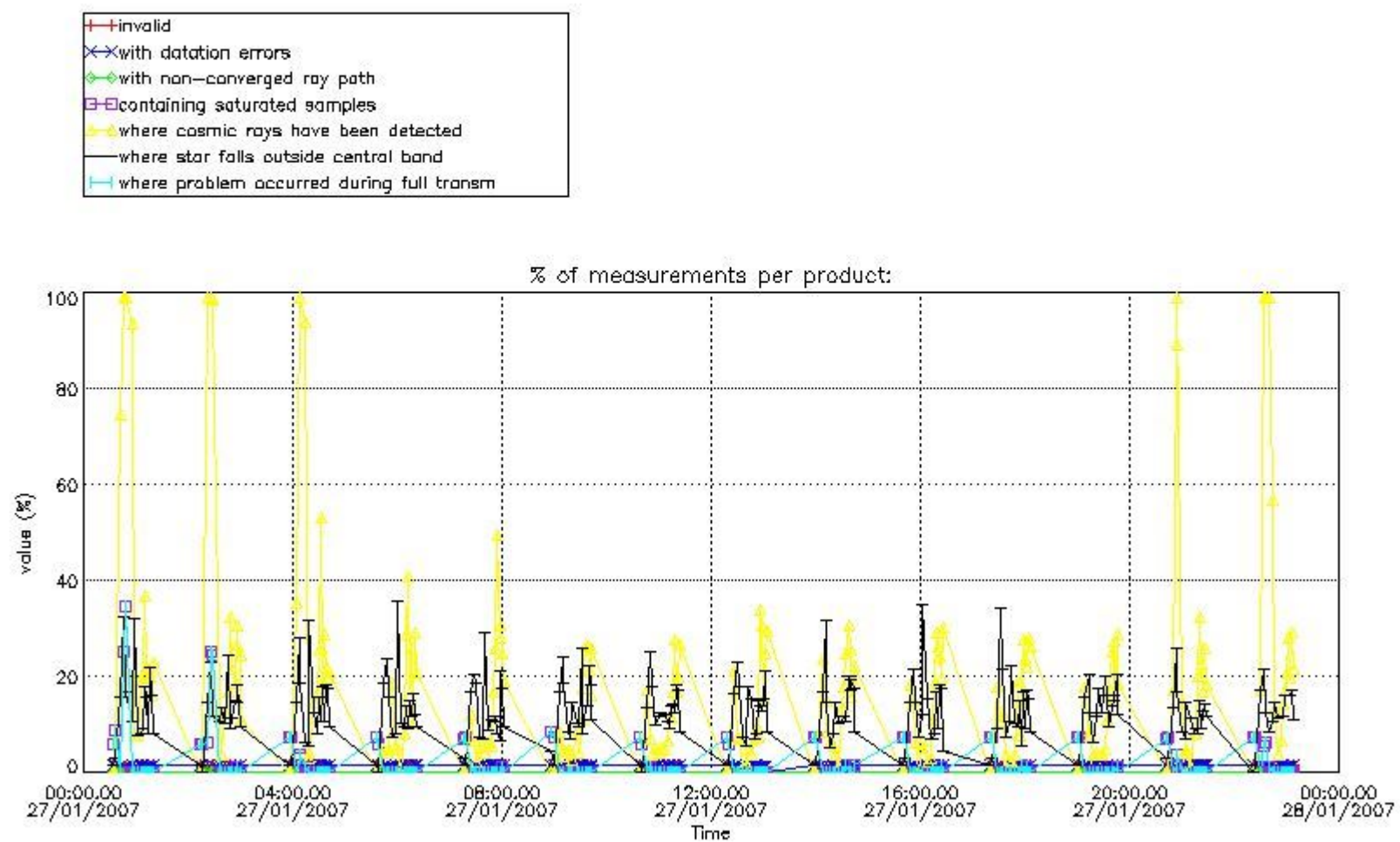


4. Level 1 quality information per product

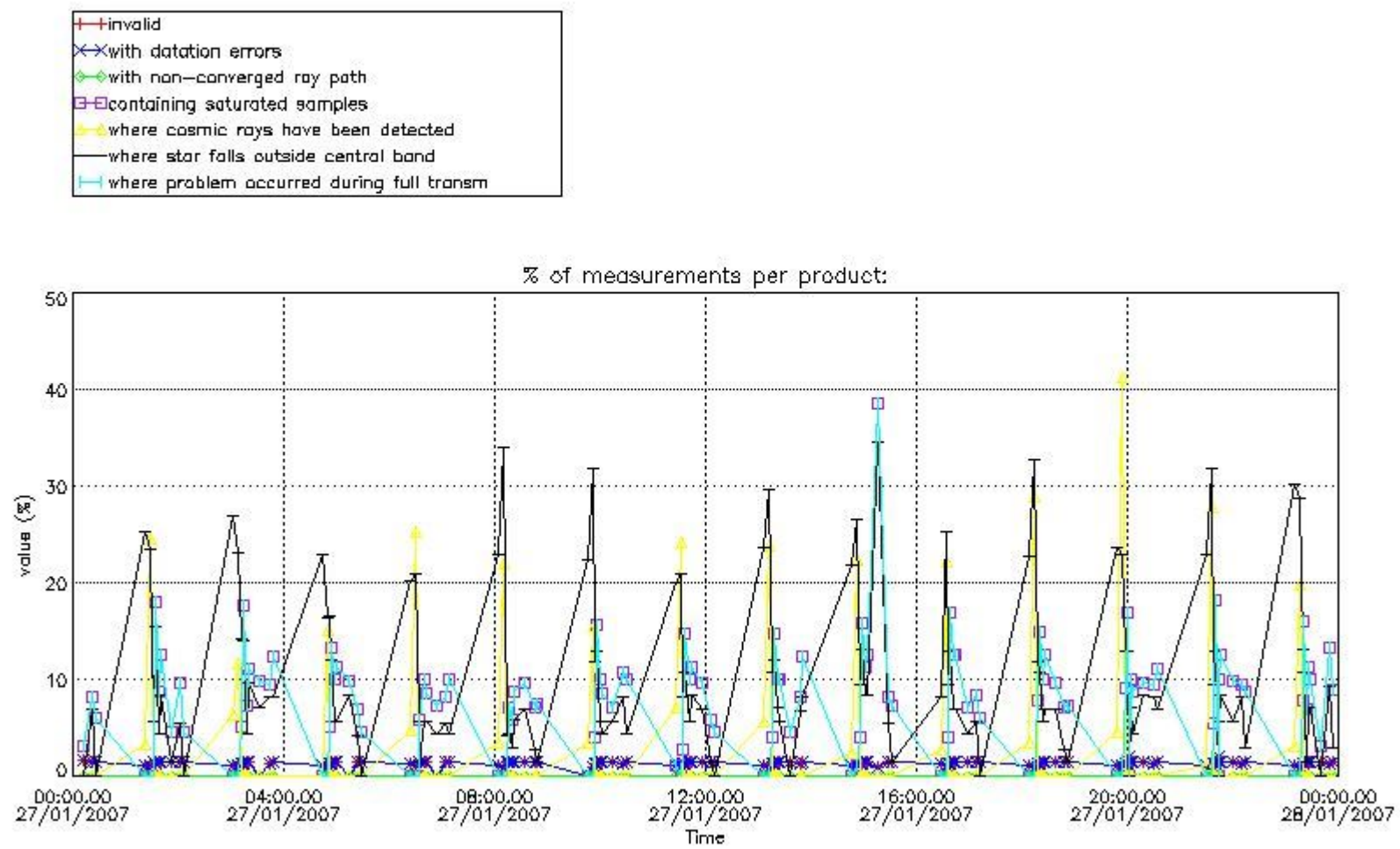
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



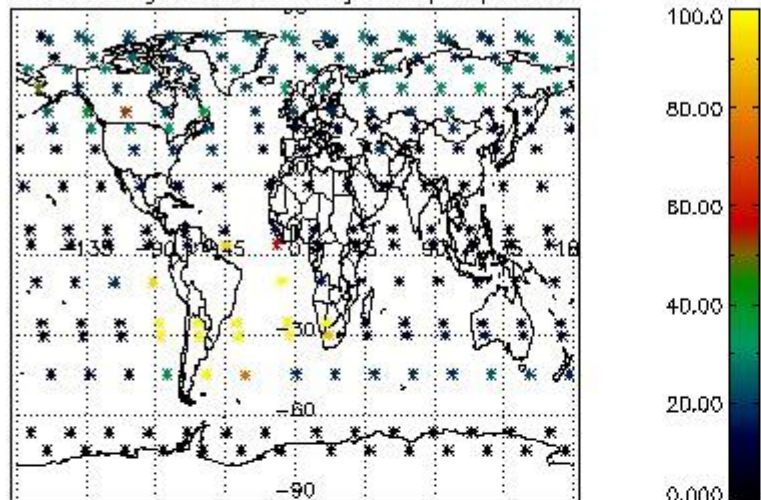
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



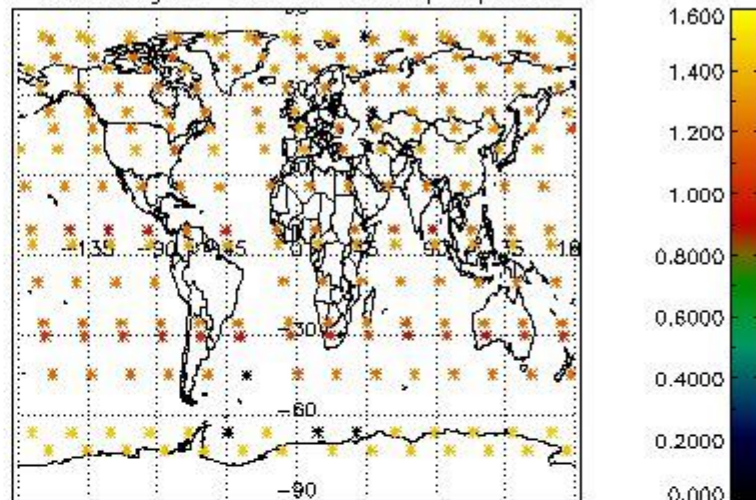
4.2 Plot quality information per product coming from level 1b processing (world map)

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

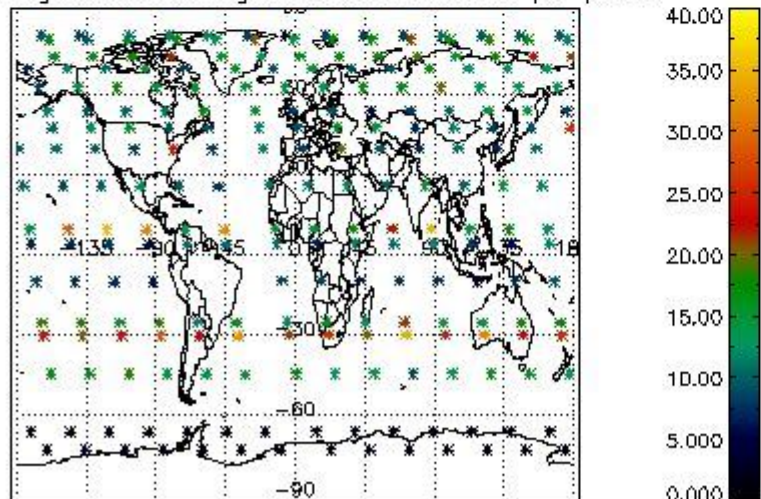
Percentage of cosmic ray hits per profile



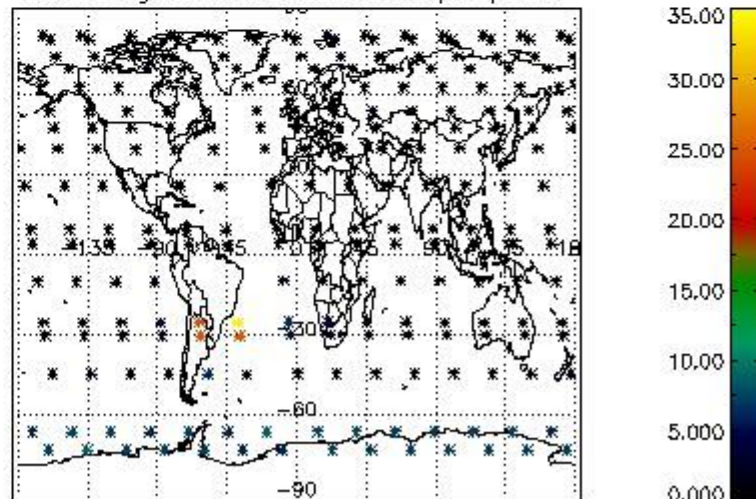
Percentage of datation errors per profile



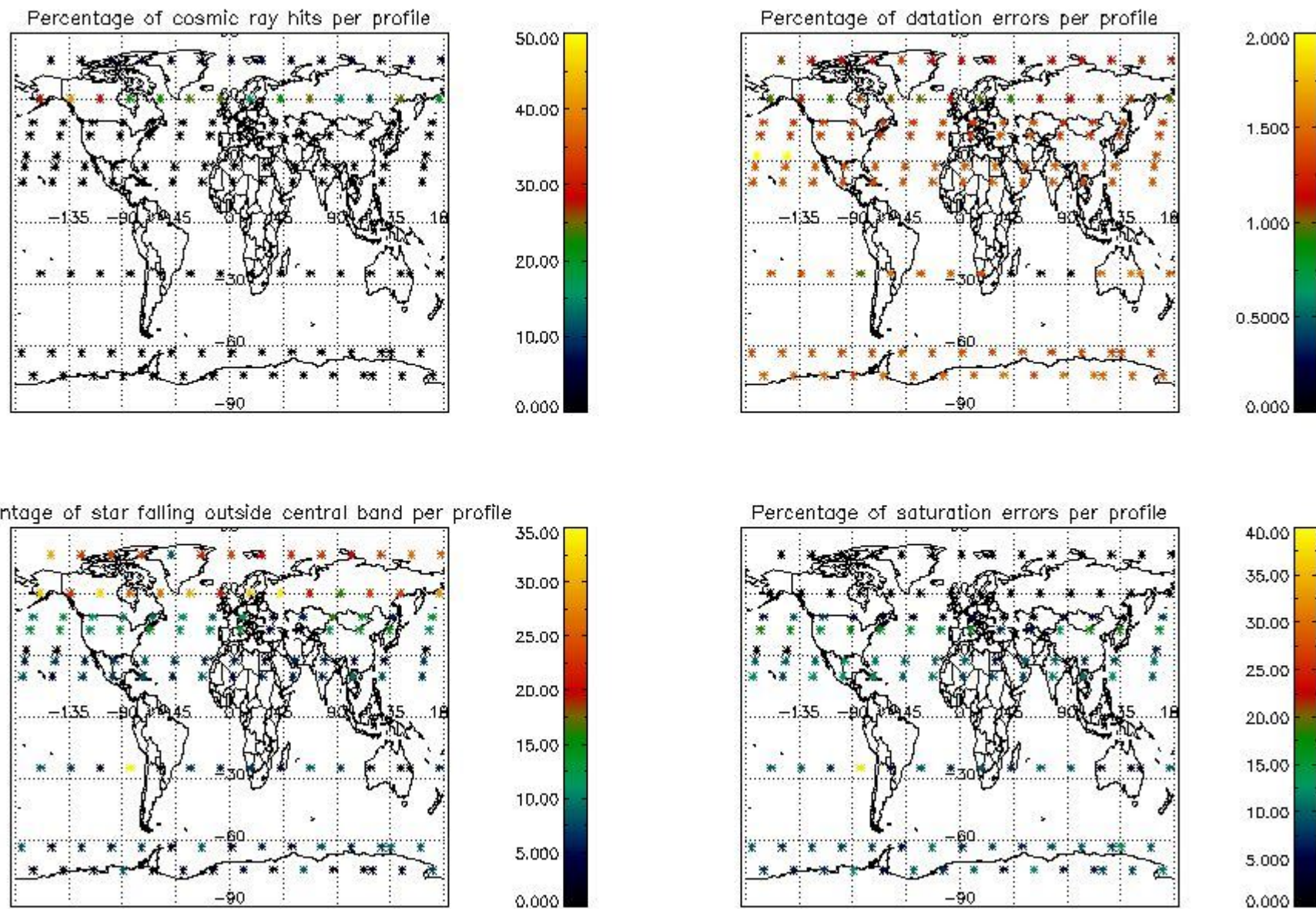
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

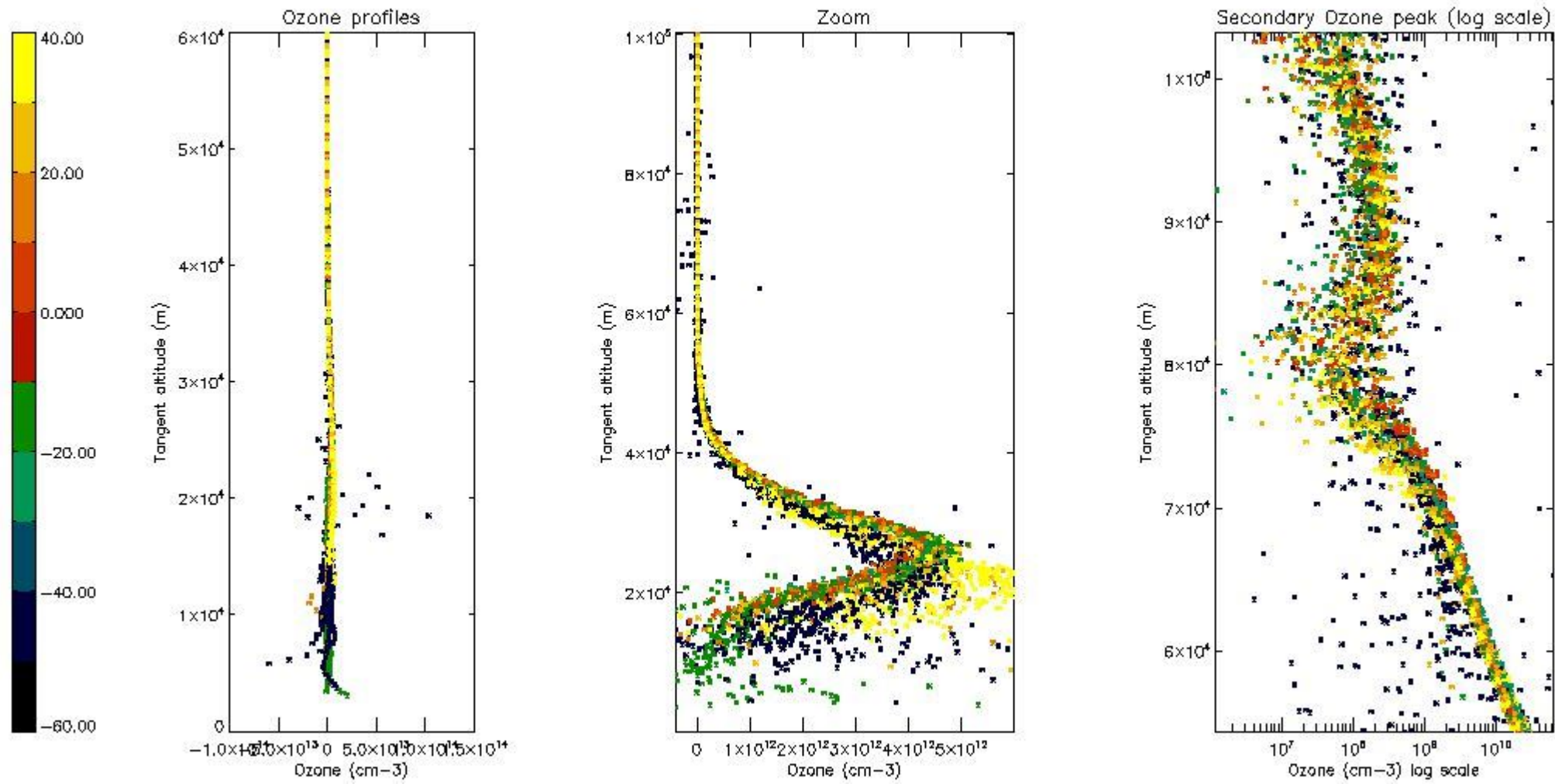
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	40
STD < 20	22

STD < 10	17
STD < 5	11

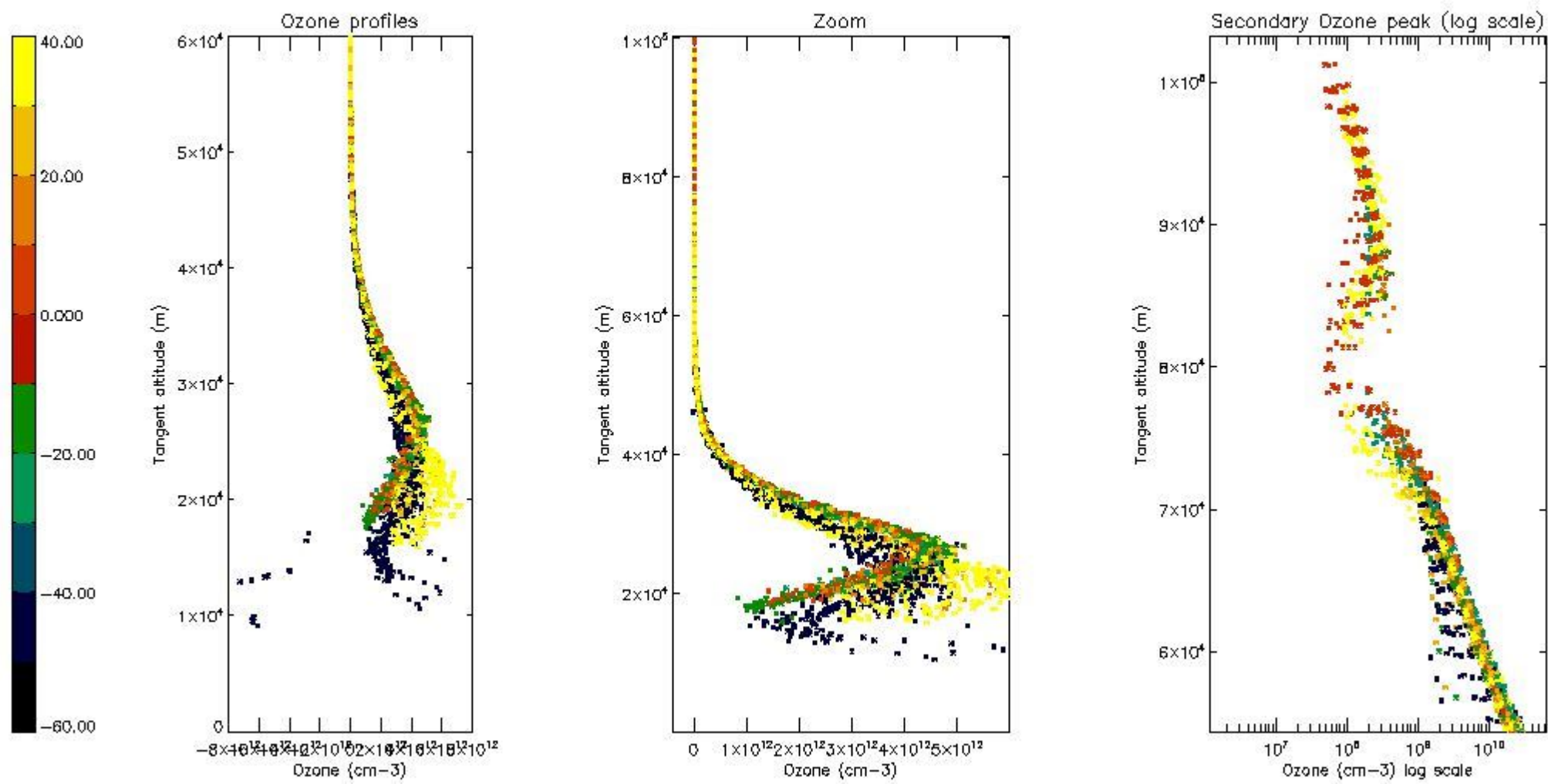
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



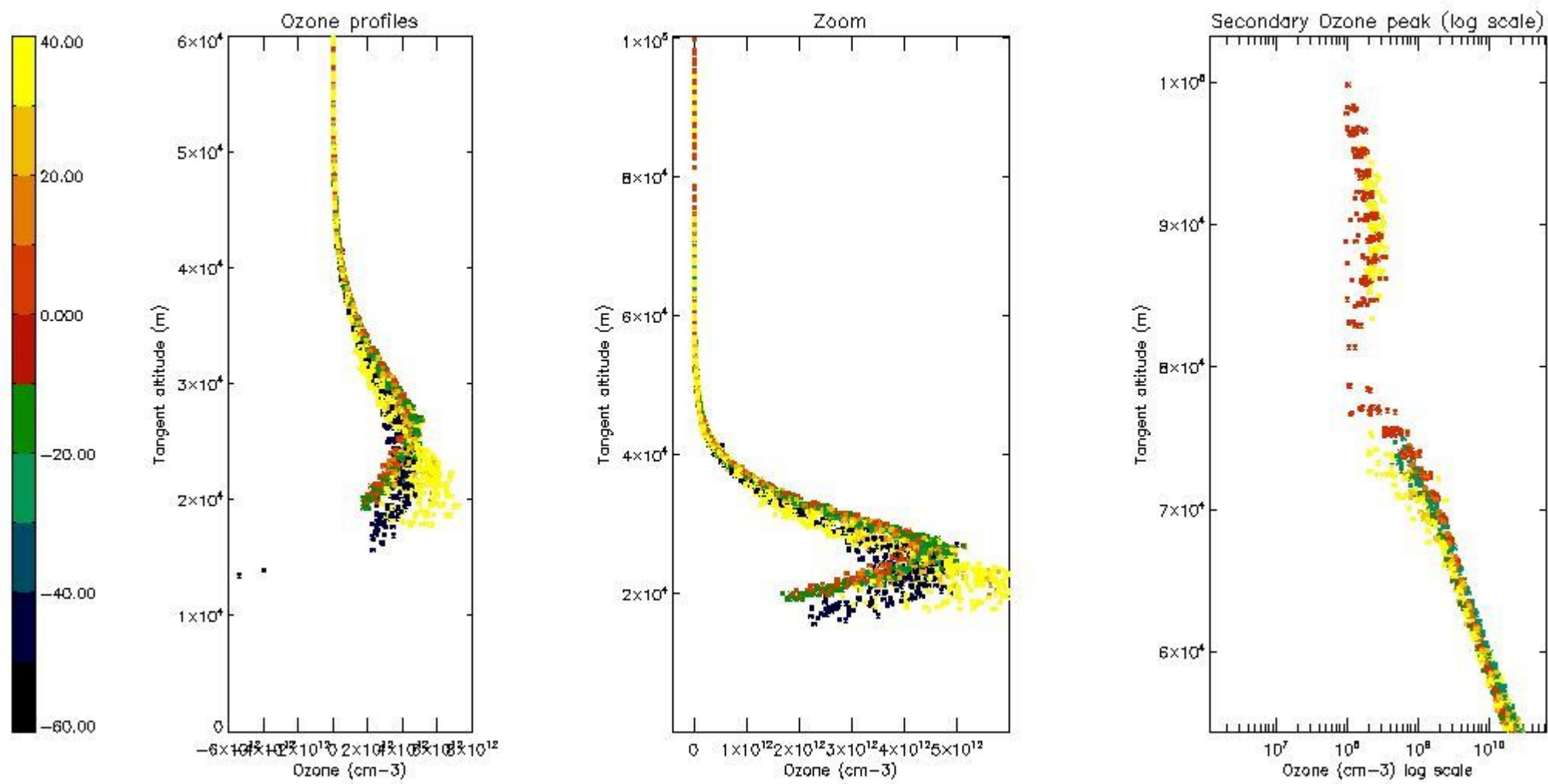
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



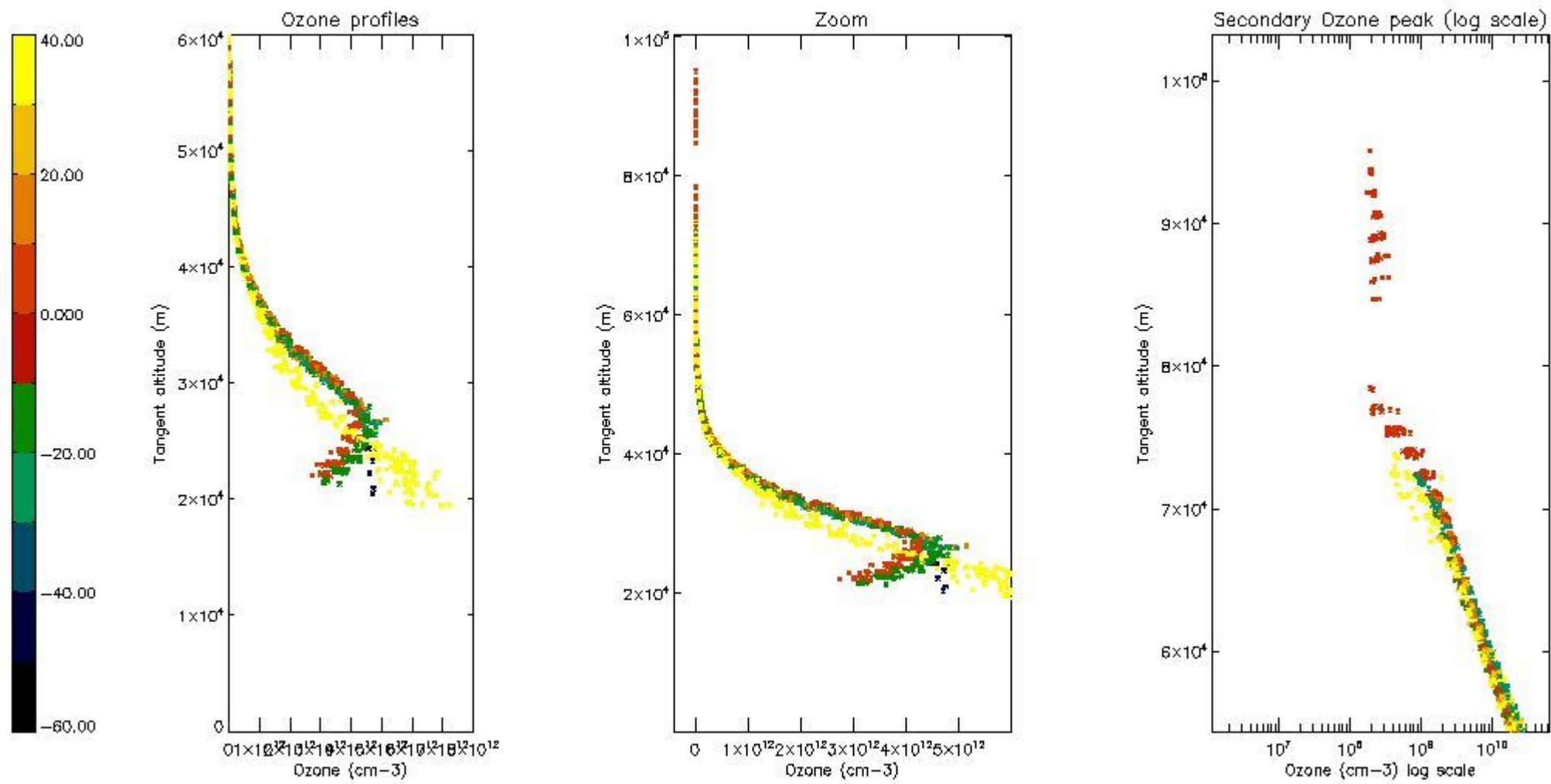
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



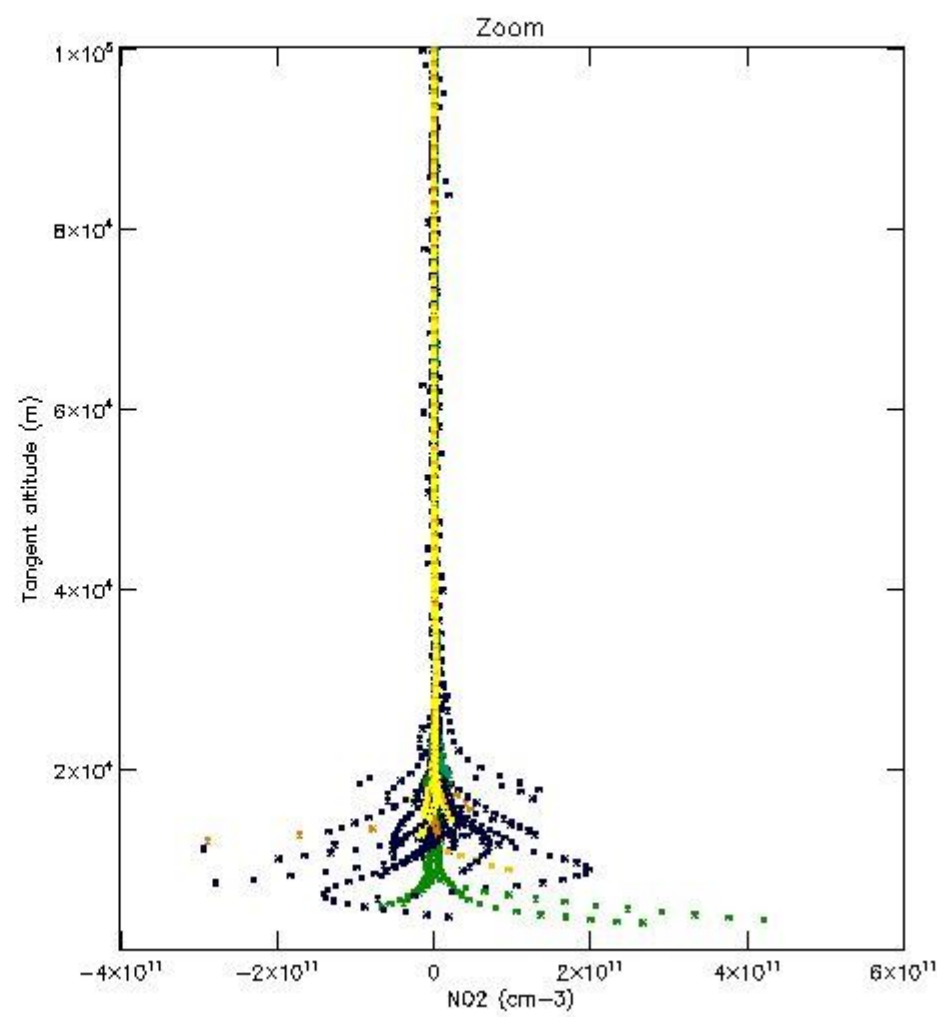
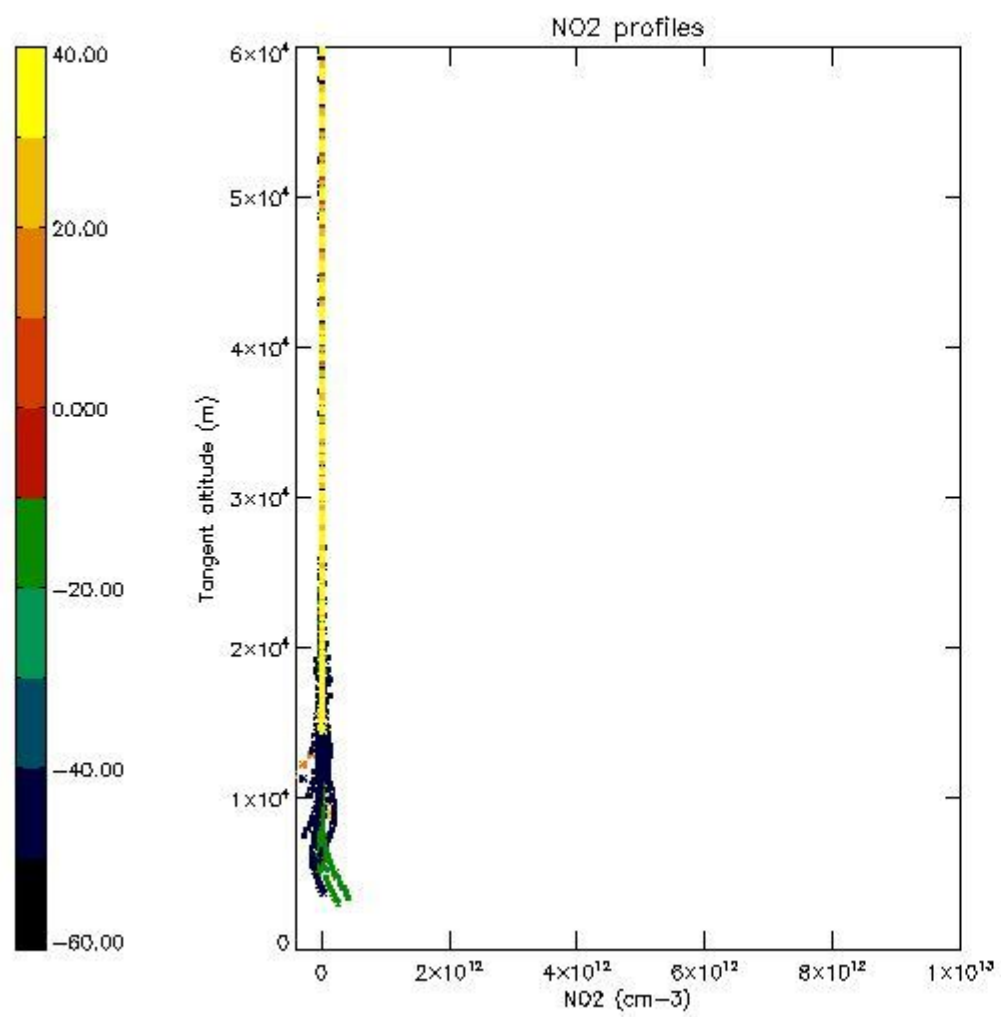
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



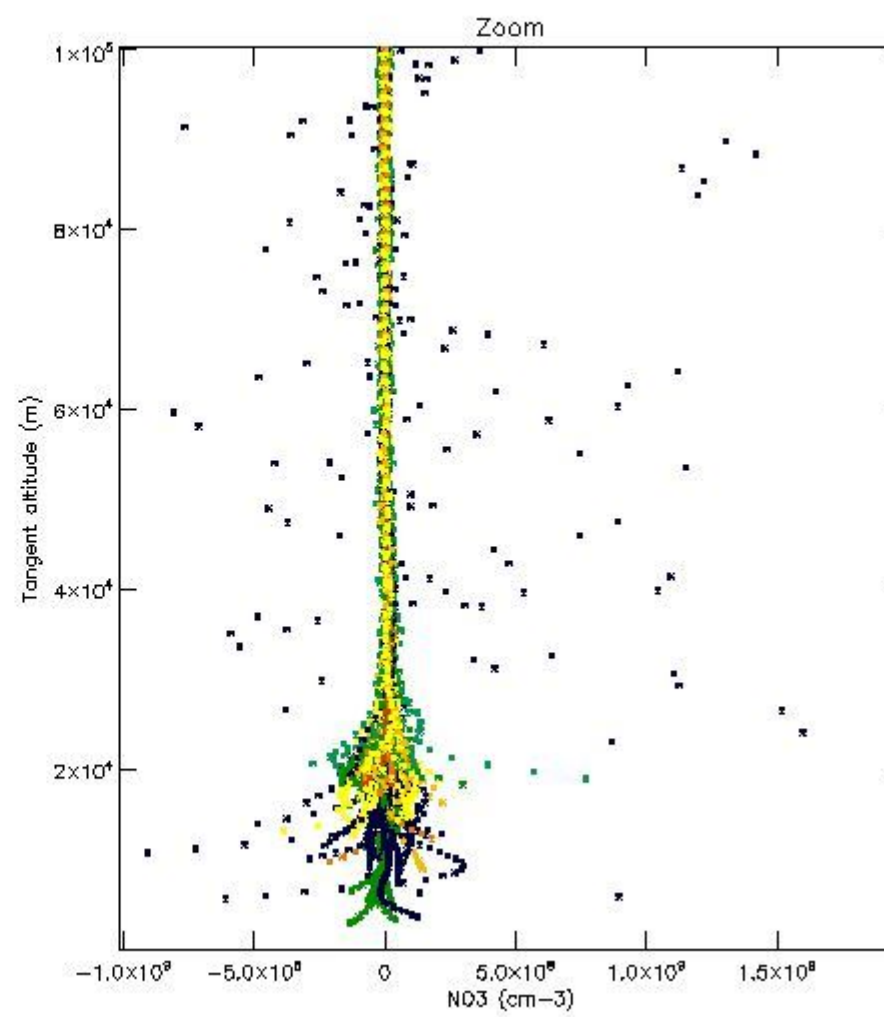
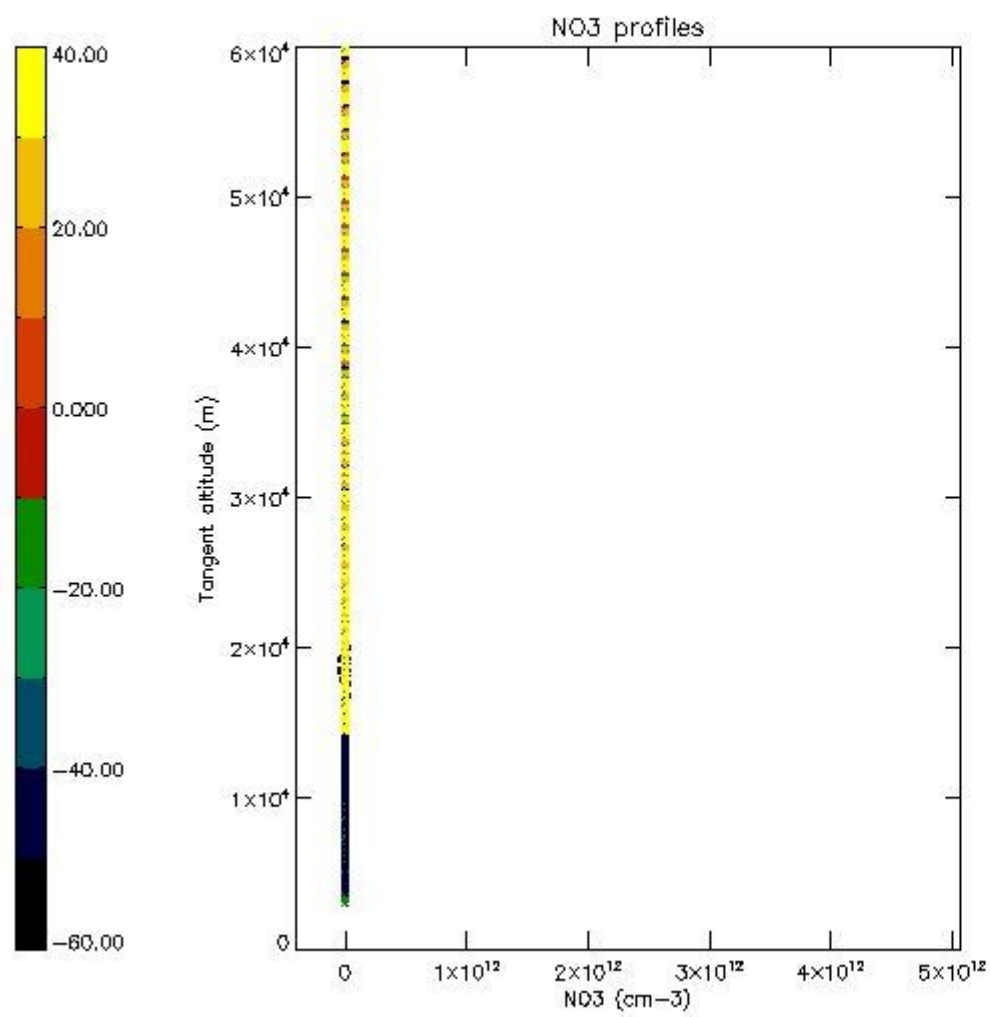
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



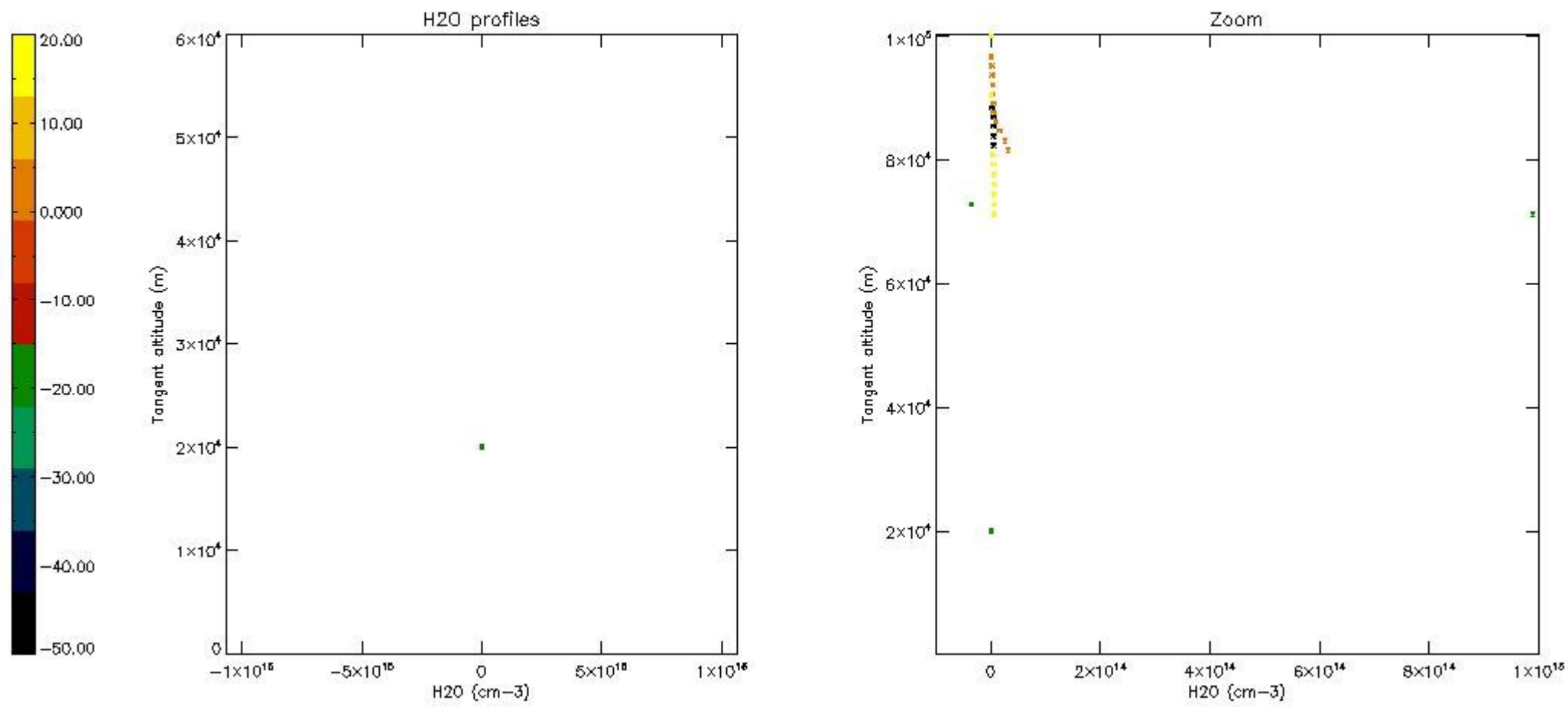
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	27-JAN-2007 00:11:22
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-JAN-2007 00:11:22
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-JAN-2007 00:11:22

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

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

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

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

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

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

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

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

[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 13:02:31
Data source version	GOMOS/6.01
Start time of products	27-01-2007 (27JAN2007 00:00:00)
Stop time of products	28-01-2007 (28JAN2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	368
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__2PRFIN20070127_001122_000000322055_00059_25664_4795.N1	27-JAN-2007 00:11:22	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	25664	No
2	GOM_NL__2PRFIN20070127_002221_000000372055_00059_25664_4796.N1	27-JAN-2007 00:22:21	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	25664	No
3	GOM_NL__2PRFIN20070127_002549_000000332055_00059_25664_4797.N1	27-JAN-2007 00:25:49	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	25664	No
4	GOM_NL__2PRFIN20070127_003352_000000352055_00059_25664_4798.N1	27-JAN-2007 00:33:52	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	25664	No
5	GOM_NL__2PRFIN20070127_003559_000000352055_00059_25664_4799.N1	27-JAN-2007 00:35:59	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	25664	No
6	GOM_NL__2PRFIN20070127_004215_000000422055_00059_25664_4800.N1	27-JAN-2007 00:42:15	Twi_and_stray	41.500	86	35Eta Oph	2.4300	10200.	83	25664	No
7	GOM_NL__2PRFIN20070127_004620_000000542055_00059_25664_4801.N1	27-JAN-2007 00:46:20	Dark	54.000	16	21Alp Sco	1.0200	3000.0	108	25664	No
8	GOM_NL__2PRFIN20070127_004741_000000422055_00059_25664_4802.N1	27-JAN-2007 00:47:41	Dark	42.000	75	26Eps Sco	2.2910	4250.0	84	25664	No
9	GOM_NL__2PRFIN20070127_005556_000000382055_00060_25665_4783.N1	27-JAN-2007 00:55:56	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	25665	No
10	GOM_NL__2PRFIN20070127_005726_000000522055_00060_25665_4784.N1	27-JAN-2007 00:57:26	Dark	51.500	4	Alp1Cen	-0.010000	5800.0	103	25665	No
11	GOM_NL__2PRFIN20070127_010201_000000402055_00060_25665_4785.N1	27-JAN-2007 01:02:01	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	25665	No
12	GOM_NL__2PRFIN20070127_010554_000000372055_00060_25665_4786.N1	27-JAN-2007 01:05:54	Dark	37.000	29	Bet Car	1.6720	10200.	74	25665	No
13	GOM_NL__2PRFIN20070127_010809_000000392055_00060_25665_4787.N1	27-JAN-2007 01:08:09	Dark	38.500	71	lot Car	2.2460	7700.0	77	25665	No
14	GOM_NL__2PRFIN20070127_010956_000000422055_00060_25665_4788.N1	27-JAN-2007 01:09:56	Dark	42.000	46	Del Vel	1.9540	10600.	84	25665	No
15	GOM_NL__2PRFIN20070127_011231_000000422055_00060_25665_4789.N1	27-JAN-2007 01:12:31	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	25665	No
16	GOM_NL__2PRFIN20070127_011437_000000382055_00060_25665_4790.N1	27-JAN-2007 01:14:37	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	25665	No
17	GOM_NL__2PRFIN20070127_011605_000000442055_00060_25665_4791.N1	27-JAN-2007 01:16:05	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	25665	No
18	GOM_NL__2PRFIN20070127_011832_000000412055_00060_25665_4792.N1	27-JAN-2007 01:18:32	Straylight	40.500	23	21Eps CMa	1.5020	26000.	81	25665	No
19	GOM_NL__2PRFIN20070127_011955_000000372055_00060_25665_4793.N1	27-JAN-2007 01:19:55	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	25665	No
20	GOM_NL__2PRFIN20070127_012204_000000462055_00060_25665_4794.N1	27-JAN-2007 01:22:04	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	25665	No
21	GOM_NL__2PRFIN20070127_012805_000000472055_00060_25665_4795.N1	27-JAN-2007 01:28:05	Twi_and_stray	47.000	8	10Alp CMi	0.40000	6500.0	94	25665	No
22	GOM_NL__2PRFIN20070127_013121_000000362055_00060_25665_4796.N1	27-JAN-2007 01:31:21	Bright	35.500	44	24Gam Gem	1.9280	11000.	71	25665	No
23	GOM_NL__2PRFIN20070127_013309_000000392055_00060_25665_4797.N1	27-JAN-2007 01:33:09	Bright	39.000	151	13Mu Gem	2.8900	3000.0	78	25665	No
24	GOM_NL__2PRFIN20070127_013724_000000352055_00060_25665_4798.N1	27-JAN-2007 01:37:24	Bright	34.500	107	37The Aur	2.6490	11000.	69	25665	No
25	GOM_NL__2PRFIN20070127_013931_000000362055_00060_25665_4799.N1	27-JAN-2007 01:39:31	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	25665	No
26	GOM_NL__2PRFIN20070127_015158_000000342055_00060_25665_4800.N1	27-JAN-2007 01:51:58	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	25665	No
27	GOM_NL__2PRFIN20070127_020257_000000372055_00060_25665_4801.N1	27-JAN-2007 02:02:57	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	25665	No
28	GOM_NL__2PRFIN20070127_020625_000000332055_00060_25665_4802.N1	27-JAN-2007 02:06:25	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	25665	No
29	GOM_NL__2PRFIN20070127_021428_000000352055_00060_25665_4803.N1	27-JAN-2007 02:14:28	Bright	34.500	59	55Alp Oph	2.0800	8900.0	69	25665	No
30	GOM_NL__2PRFIN20070127_021635_000000342055_00060_25665_4804.N1	27-JAN-2007 02:16:35	Bright	33.500	126	60Bet Oph	2.7700	4250.0	67	25665	No
31	GOM_NL__2PRFIN20070127_022251_000000412055_00060_25665_4805.N1	27-JAN-2007 02:22:51	Twi_and_stray	41.000	86	35Eta Oph	2.4300	10200.	82	25665	No
32	GOM_NL__2PRFIN20070127_022656_000000482055_00060_25665_4806.N1	27-JAN-2007 02:26:56	Dark	48.000	16	21Alp Sco	1.0200	3000.0	96	25665	No
33	GOM_NL__2PRFIN20070127_022818_000000392055_00060_25665_4807.N1	27-JAN-2007 02:28:18	Dark	39.000	75	26Eps Sco	2.2910	4250.0	78	25665	No
34	GOM_NL__2PRFIN20070127_023632_000000382055_00061_25666_4791.N1	27-JAN-2007 02:36:32	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	25666	No
35	GOM_NL__2PRFIN20070127_023802_000000412055_00061_25666_4792.N1	27-JAN-2007 02:38:02	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	25666	No
36	GOM_NL__2PRFIN20070127_024237_000000402055_00061_25666_4793.N1	27-JAN-2007 02:42:37	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	25666	No
37	GOM_NL__2PRFIN20070127_024631_000000452055_00061_25666_4794.N1	27-JAN-2007 02:46:31	Dark	45.000	29	Bet Car	1.6720	10200.	90	25666	No
38	GOM_NL__2PRFIN20070127_024845_000000392055_00061_25666_4795.N1	27-JAN-2007 02:48:45	Dark	38.500	71	lot Car	2.2460	7700.0	77	25666	No
39	GOM_NL__2PRFIN20070127_025033_000000402055_00061_25666_4796.N1	27-JAN-2007 02:50:33	Dark	39.500	46	Del Vel	1.9540	10600.	79	25666	No
40	GOM_NL__2PRFIN20070127_025307_000000412055_00061_25666_4797.N1	27-JAN-2007 02:53:07	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	25666	No
41	GOM_NL__2PRFIN20070127_025513_000000412055_00061_25666_4798.N1	27-JAN-2007 02:55:13	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	25666	No
42	GOM_NL__2PRFIN20070127_025641_000000422055_00061_25666_4799.N1	27-JAN-2007 02:56:41	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	25666	No

102	GOM_NL__2PRFIN20070127_064119_00000352055_00063_25668_4820.N1	27-JAN-2007 06:41:19	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	25668	No
103	GOM_NL__2PRFIN20070127_065346_00000352055_00063_25668_4821.N1	27-JAN-2007 06:53:46	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	25668	No
104	GOM_NL__2PRFIN20070127_070445_00000372055_00063_25668_4822.N1	27-JAN-2007 07:04:45	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	25668	No
105	GOM_NL__2PRFIN20070127_070813_00000352055_00063_25668_4823.N1	27-JAN-2007 07:08:13	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	25668	No
106	GOM_NL__2PRFIN20070127_071617_00000362055_00063_25668_4824.N1	27-JAN-2007 07:16:17	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	25668	No
107	GOM_NL__2PRFIN20070127_071824_00000352055_00063_25668_4825.N1	27-JAN-2007 07:18:24	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	25668	No
108	GOM_NL__2PRFIN20070127_072440_00000422055_00063_25668_4826.N1	27-JAN-2007 07:24:40	Twi_and_stray	42.000	86	35Eta Oph	2.4300	10200.	84	25668	No
109	GOM_NL__2PRFIN20070127_072846_00000472055_00063_25668_4827.N1	27-JAN-2007 07:28:46	Dark	46.500	16	21Alp Sco	1.0200	3000.0	93	25668	No
110	GOM_NL__2PRFIN20070127_073007_00000442055_00063_25668_4828.N1	27-JAN-2007 07:30:07	Dark	43.500	75	26Eps Sco	2.2910	4250.0	87	25668	No
111	GOM_NL__2PRFIN20070127_073425_00000412055_00063_25668_4829.N1	27-JAN-2007 07:34:25	Dark	40.500	131	Gam Lup	2.8000	26000.	81	25668	No
112	GOM_NL__2PRFIN20070127_073821_00000372055_00064_25669_4877.N1	27-JAN-2007 07:38:21	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	25669	No
113	GOM_NL__2PRFIN20070127_073952_00000502055_00064_25669_4878.N1	27-JAN-2007 07:39:52	Dark	50.000	4	Alp1Cen	-0.010000	5800.0	100	25669	No
114	GOM_NL__2PRFIN20070127_074427_00000402055_00064_25669_4879.N1	27-JAN-2007 07:44:27	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	25669	No
115	GOM_NL__2PRFIN20070127_074820_00000372055_00064_25669_4880.N1	27-JAN-2007 07:48:20	Dark	37.000	29	Bet Car	1.6720	10200.	74	25669	No
116	GOM_NL__2PRFIN20070127_075034_00000392055_00064_25669_4881.N1	27-JAN-2007 07:50:34	Dark	38.500	71	lot Car	2.2460	7700.0	77	25669	No
117	GOM_NL__2PRFIN20070127_075222_00000392055_00064_25669_4882.N1	27-JAN-2007 07:52:22	Dark	39.000	46	Del Vel	1.9540	10600.	78	25669	No
118	GOM_NL__2PRFIN20070127_075456_00000382055_00064_25669_4883.N1	27-JAN-2007 07:54:56	Dark	37.500	34	Gam2Vel	1.7930	23000.	75	25669	No
119	GOM_NL__2PRFIN20070127_075702_00000382055_00064_25669_4884.N1	27-JAN-2007 07:57:02	Straylight	37.500	70	Zet Pup	2.2460	39000.	75	25669	No
120	GOM_NL__2PRFIN20070127_075829_00000432055_00064_25669_4885.N1	27-JAN-2007 07:58:29	Straylight	42.500	117	Pi Pup	2.7060	3800.0	85	25669	No
121	GOM_NL__2PRFIN20070127_080057_00000412055_00064_25669_4886.N1	27-JAN-2007 08:00:57	Straylight	40.500	23	21Eps CMa	1.5020	26000.	81	25669	No
122	GOM_NL__2PRFIN20070127_080220_00000372055_00064_25669_4887.N1	27-JAN-2007 08:02:20	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	25669	No
123	GOM_NL__2PRFIN20070127_080429_00000442055_00064_25669_4888.N1	27-JAN-2007 08:04:29	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	25669	No
124	GOM_NL__2PRFIN20070127_081029_00000552055_00064_25669_4889.N1	27-JAN-2007 08:10:29	Twi_and_stray	54.500	8	10Alp CMi	0.40000	6500.0	109	25669	No
125	GOM_NL__2PRFIN20070127_081346_00000362055_00064_25669_4890.N1	27-JAN-2007 08:13:46	Bright	35.500	44	24Gam Gem	1.9280	11000.	71	25669	No
126	GOM_NL__2PRFIN20070127_081533_00000352055_00064_25669_4891.N1	27-JAN-2007 08:15:33	Bright	35.000	151	13Mu Gem	2.8900	3000.0	70	25669	No
127	GOM_NL__2PRFIN20070127_081948_00000342055_00064_25669_4892.N1	27-JAN-2007 08:19:48	Bright	34.000	107	37The Aur	2.6490	11000.	68	25669	No
128	GOM_NL__2PRFIN20070127_082156_00000352055_00064_25669_4893.N1	27-JAN-2007 08:21:56	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	25669	No
129	GOM_NL__2PRFIN20070127_083422_00000362055_00064_25669_4894.N1	27-JAN-2007 08:34:22	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25669	No
130	GOM_NL__2PRFIN20070127_084521_00000362055_00064_25669_4895.N1	27-JAN-2007 08:45:21	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	25669	No
131	GOM_NL__2PRFIN20070127_084849_00000342055_00064_25669_4896.N1	27-JAN-2007 08:48:49	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	25669	No
132	GOM_NL__2PRFIN20070127_085653_00000362055_00064_25669_4897.N1	27-JAN-2007 08:56:53	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	25669	No
133	GOM_NL__2PRFIN20070127_085900_00000352055_00064_25669_4898.N1	27-JAN-2007 08:59:00	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	25669	No
134	GOM_NL__2PRFIN20070127_090517_00000422055_00064_25669_4899.N1	27-JAN-2007 09:05:17	Twi_and_stray	42.000	86	35Eta Oph	2.4300	10200.	84	25669	No
135	GOM_NL__2PRFIN20070127_090922_00000482055_00064_25669_4900.N1	27-JAN-2007 09:09:22	Dark	48.000	16	21Alp Sco	1.0200	3000.0	96	25669	No
136	GOM_NL__2PRFIN20070127_091043_00000432055_00064_25669_4901.N1	27-JAN-2007 09:10:43	Dark	43.000	75	26Eps Sco	2.2910	4250.0	86	25669	No
137	GOM_NL__2PRFIN20070127_091501_00000422055_00064_25669_4902.N1	27-JAN-2007 09:15:01	Dark	41.500	131	Gam Lup	2.8000	26000.	83	25669	No
138	GOM_NL__2PRFIN20070127_091857_00000372055_00065_25670_4889.N1	27-JAN-2007 09:18:57	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	25670	No
139	GOM_NL__2PRFIN20070127_092028_00000412055_00065_25670_4890.N1	27-JAN-2007 09:20:28	Dark	41.000	4	Alp1Cen	-0.010000	5800.0	82	25670	No
140	GOM_NL__2PRFIN20070127_092503_00000402055_00065_25670_4891.N1	27-JAN-2007 09:25:03	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	25670	No
141	GOM_NL__2PRFIN20070127_092856_00000372055_00065_25670_4892.N1	27-JAN-2007 09:28:56	Dark	37.000	29	Bet Car	1.6720	10200.	74	25670	No
142	GOM_NL__2PRFIN20070127_093111_00000472055_00065_25670_4893.N1	27-JAN-2007 09:31:11	Dark	46.500	71	lot Car	2.2460	7700.0	93	25670	No
143	GOM_NL__2PRFIN20070127_093258_00000382055_00065_25670_4894.N1	27-JAN-2007 09:32:58	Dark	37.500	46	Del Vel	1.9540	10600.	75	25670	No
144	GOM_NL__2PRFIN20070127_093533_00000402055_00065_25670_4895.N1	27-JAN-2007 09:35:33	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	25670	No
145	GOM_NL__2PRFIN20070127_093739_00000402055_00065_25670_4896.N1	27-JAN-2007 09:37:39	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	25670	No
146	GOM_NL__2PRFIN20070127_093905_00000432055_00065_25670_4897.N1	27-JAN-2007 09:39:05	Straylight	43.000	117	Pi Pup	2.7060	3800.0	86	25670	No
147	GOM_NL__2PRFIN20070127_094133_00000412055_00065_25670_4898.N1	27-JAN-2007 09:41:33	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	25670	No
148	GOM_NL__2PRFIN20070127_094256_00000372055_00065_25670_4899.N1	27-JAN-2007 09:42:56	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	25670	No
149	GOM_NL__2PRFIN20070127_094505_00000432055_00065_25670_4900.N1	27-JAN-2007 09:45:05	Straylight	42.500	1	9Alp CMa	-1.4400	11000.	85	25670	No
150	GOM_NL__2PRFIN20070127_095105_00000522055_00065_25670_4901.N1	27-JAN-2007 09:51:05	Twi_and_stray	52.000	8	10Alp CMi	0.40000	6500.0	104	25670	No
151	GOM_NL__2PRFIN20070127_095422_00000382055_00065_25670_4902.N1	27-JAN-2007 09:54:22	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	25670	No
152	GOM_NL__2PRFIN20070127_095609_00000392055_00065_25670_4903.N1	27-JAN-2007 09:56:09	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	25670	No
153	GOM_NL__2PRFIN20070127_100025_00000352055_00065_25670_4904.N1	27-JAN-2007 10:00:25	Bright	35.000	107	37The Aur	2.6490	11000.	70	25670	No
154	GOM_NL__2PRFIN20070127_100232_00000352055_00065_25670_4905.N1	27-JAN-2007 10:02:32	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	25670	No
155	GOM_NL__2PRFIN20070127_101458_00000352055_00065_25670_4906.N1	27-JAN-2007 10:14:58	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	25670	No
156	GOM_NL__2PRFIN20070127_102557_00000372055_00065_25670_4907.N1	27-JAN-2007 10:25:57	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	25670	No
157	GOM_NL__2PRFIN20070127_102925_00000352055_00065_25670_4908.N1	27-JAN-2007 10:29:25	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	25670	No
158	GOM_NL__2PRFIN20070127_103729_00000352055_00065_25670_4909.N1	27-JAN-2007 10:37:29	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	25670	No
159	GOM_NL__2PRFIN20070127_103936_00000342055_00065_25670_4910.N1	27-JAN-2007 10:39:36	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	25670	No
160	GOM_NL__2PRFIN20070127_104553_00000412055_00065_25670_4911.N1	27-JAN-2007 10:45:53	Twi_and_stray	41.000	86	35Eta Oph	2.4300	10200.	82	25670	No

161	GOM_NL__2PRFIN20070127_104959_000000502055_00065_25670_4912.N1	27-JAN-2007 10:49:59	Dark	49.500	16	21Alp Sco	1.0200	3000.0	99	25670	No
162	GOM_NL__2PRFIN20070127_105120_000000432055_00065_25670_4913.N1	27-JAN-2007 10:51:20	Dark	42.500	75	26Eps Sco	2.2910	4250.0	85	25670	No
163	GOM_NL__2PRFIN20070127_105538_000000422055_00065_25670_4914.N1	27-JAN-2007 10:55:38	Dark	41.500	131	Gam Lup	2.8000	26000.	83	25670	No
164	GOM_NL__2PRFIN20070127_105934_000000392055_00066_25671_4905.N1	27-JAN-2007 10:59:34	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	25671	No
165	GOM_NL__2PRFIN20070127_110105_000000402055_00066_25671_4906.N1	27-JAN-2007 11:01:05	Dark	40.000	4	Alp1Cen	-0.010000	5800.0	80	25671	No
166	GOM_NL__2PRFIN20070127_110540_000000422055_00066_25671_4907.N1	27-JAN-2007 11:05:40	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	25671	No
167	GOM_NL__2PRFIN20070127_110932_000000382055_00066_25671_4908.N1	27-JAN-2007 11:09:32	Dark	37.500	29	Bet Car	1.6720	10200.	75	25671	No
168	GOM_NL__2PRFIN20070127_111147_000000392055_00066_25671_4909.N1	27-JAN-2007 11:11:47	Dark	38.500	71	lot Car	2.2460	7700.0	77	25671	No
169	GOM_NL__2PRFIN20070127_111334_000000402055_00066_25671_4910.N1	27-JAN-2007 11:13:34	Dark	40.000	46	Del Vel	1.9540	10600.	80	25671	No
170	GOM_NL__2PRFIN20070127_111609_000000392055_00066_25671_4911.N1	27-JAN-2007 11:16:09	Dark	39.000	34	Gam2Vel	1.7930	23000.	78	25671	No
171	GOM_NL__2PRFIN20070127_111815_000000402055_00066_25671_4912.N1	27-JAN-2007 11:18:15	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	25671	No
172	GOM_NL__2PRFIN20070127_111942_000000422055_00066_25671_4913.N1	27-JAN-2007 11:19:42	Straylight	41.500	117	Pi Pup	2.7060	3800.0	83	25671	No
173	GOM_NL__2PRFIN20070127_112209_000000412055_00066_25671_4914.N1	27-JAN-2007 11:22:09	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	25671	No
174	GOM_NL__2PRFIN20070127_112332_000000362055_00066_25671_4915.N1	27-JAN-2007 11:23:32	Straylight	36.000	179	24Omi2CMa	3.0320	24000.	72	25671	No
175	GOM_NL__2PRFIN20070127_112541_000000432055_00066_25671_4916.N1	27-JAN-2007 11:25:41	Straylight	42.500	1	9Alp CMa	-1.4400	11000.	85	25671	No
176	GOM_NL__2PRFIN20070127_113141_000000462055_00066_25671_4917.N1	27-JAN-2007 11:31:41	Tw_i_and_stray	45.500	8	10Alp CMi	0.40000	6500.0	91	25671	No
177	GOM_NL__2PRFIN20070127_113458_000000372055_00066_25671_4918.N1	27-JAN-2007 11:34:58	Bright	37.000	44	24Gam Gem	1.9280	11000.	74	25671	No
178	GOM_NL__2PRFIN20070127_113645_000000382055_00066_25671_4919.N1	27-JAN-2007 11:36:45	Bright	37.500	151	13Mu Gem	2.8900	3000.0	75	25671	No
179	GOM_NL__2PRFIN20070127_114101_000000352055_00066_25671_4920.N1	27-JAN-2007 11:41:01	Bright	35.000	107	37The Aur	2.6490	11000.	70	25671	No
180	GOM_NL__2PRFIN20070127_114308_000000362055_00066_25671_4921.N1	27-JAN-2007 11:43:08	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	25671	No
181	GOM_NL__2PRFIN20070127_115533_000000362055_00066_25671_4922.N1	27-JAN-2007 11:55:33	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25671	No
182	GOM_NL__2PRFIN20070127_120633_000000352055_00066_25671_4923.N1	27-JAN-2007 12:06:33	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	25671	No
183	GOM_NL__2PRFIN20070127_121001_000000332055_00066_25671_4924.N1	27-JAN-2007 12:10:01	Bright	32.500	5	3Alp Lyr	0.033000	11000.	65	25671	No
184	GOM_NL__2PRFIN20070127_121805_000000352055_00066_25671_4925.N1	27-JAN-2007 12:18:05	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	25671	No
185	GOM_NL__2PRFIN20070127_122012_000000342055_00066_25671_4926.N1	27-JAN-2007 12:20:12	Bright	34.000	126	60Bet Oph	2.7700	4250.0	68	25671	No
186	GOM_NL__2PRFIN20070127_122629_000000432055_00066_25671_4927.N1	27-JAN-2007 12:26:29	Tw_i_and_stray	42.500	86	35Eta Oph	2.4300	10200.	85	25671	No
187	GOM_NL__2PRFIN20070127_123035_000000482055_00066_25671_4928.N1	27-JAN-2007 12:30:35	Dark	48.000	16	21Alp Sco	1.0200	3000.0	96	25671	No
188	GOM_NL__2PRFIN20070127_123156_000000432055_00066_25671_4929.N1	27-JAN-2007 12:31:56	Dark	42.500	75	26Eps Sco	2.2910	4250.0	85	25671	No
189	GOM_NL__2PRFIN20070127_123615_000000412055_00066_25671_4930.N1	27-JAN-2007 12:36:15	Dark	41.000	131	Gam Lup	2.8000	26000.	82	25671	No
190	GOM_NL__2PRFIN20070127_124010_000000362055_00067_25672_4921.N1	27-JAN-2007 12:40:10	Dark	36.000	134	Bet TrA	2.8100	6600.0	72	25672	No
191	GOM_NL__2PRFIN20070127_124141_000000432055_00067_25672_4922.N1	27-JAN-2007 12:41:41	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	25672	No
192	GOM_NL__2PRFIN20070127_124616_000000432055_00067_25672_4923.N1	27-JAN-2007 12:46:16	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	25672	No
193	GOM_NL__2PRFIN20070127_125008_000000372055_00067_25672_4924.N1	27-JAN-2007 12:50:08	Dark	36.500	29	Bet Car	1.6720	10200.	73	25672	No
194	GOM_NL__2PRFIN20070127_125223_000000382055_00067_25672_4925.N1	27-JAN-2007 12:52:23	Dark	37.500	71	lot Car	2.2460	7700.0	75	25672	No
195	GOM_NL__2PRFIN20070127_125410_000000412055_00067_25672_4926.N1	27-JAN-2007 12:54:10	Dark	40.500	46	Del Vel	1.9540	10600.	81	25672	No
196	GOM_NL__2PRFIN20070127_125645_000000402055_00067_25672_4927.N1	27-JAN-2007 12:56:45	Dark	40.000	34	Gam2Vel	1.7930	23000.	80	25672	No
197	GOM_NL__2PRFIN20070127_125851_000000402055_00067_25672_4928.N1	27-JAN-2007 12:58:51	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	25672	No
198	GOM_NL__2PRFIN20070127_130018_000000402055_00067_25672_4929.N1	27-JAN-2007 13:00:18	Straylight	39.500	117	Pi Pup	2.7060	3800.0	79	25672	No
199	GOM_NL__2PRFIN20070127_130245_000000432055_00067_25672_4930.N1	27-JAN-2007 13:02:45	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	25672	No
200	GOM_NL__2PRFIN20070127_130408_000000362055_00067_25672_4931.N1	27-JAN-2007 13:04:08	Straylight	35.500	179	24Omi2CMa	3.0320	24000.	71	25672	No
201	GOM_NL__2PRFIN20070127_130617_000000452055_00067_25672_4932.N1	27-JAN-2007 13:06:17	Straylight	44.500	1	9Alp CMa	-1.4400	11000.	89	25672	No
202	GOM_NL__2PRFIN20070127_131216_000000512055_00067_25672_4933.N1	27-JAN-2007 13:12:16	Tw_i_and_stray	50.500	8	10Alp CMi	0.40000	6500.0	101	25672	No
203	GOM_NL__2PRFIN20070127_131534_000000382055_00067_25672_4934.N1	27-JAN-2007 13:15:34	Bright	37.500	44	24Gam Gem	1.9280	11000.	75	25672	No
204	GOM_NL__2PRFIN20070127_131721_000000382055_00067_25672_4935.N1	27-JAN-2007 13:17:21	Bright	37.500	151	13Mu Gem	2.8900	3000.0	75	25672	No
205	GOM_NL__2PRFIN20070127_132137_000000352055_00067_25672_4936.N1	27-JAN-2007 13:21:37	Bright	35.000	107	37The Aur	2.6490	11000.	70	25672	No
206	GOM_NL__2PRFIN20070127_132344_000000352055_00067_25672_4937.N1	27-JAN-2007 13:23:44	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	25672	No
207	GOM_NL__2PRFIN20070127_133609_000000342055_00067_25672_4938.N1	27-JAN-2007 13:36:09	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	25672	No
208	GOM_NL__2PRFIN20070127_134709_000000372055_00067_25672_4939.N1	27-JAN-2007 13:47:09	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	25672	No
209	GOM_NL__2PRFIN20070127_135037_000000372055_00067_25672_4940.N1	27-JAN-2007 13:50:37	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	25672	No
210	GOM_NL__2PRFIN20070127_135842_000000352055_00067_25672_4941.N1	27-JAN-2007 13:58:42	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	25672	No
211	GOM_NL__2PRFIN20070127_140048_000000352055_00067_25672_4942.N1	27-JAN-2007 14:00:48	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	25672	No
212	GOM_NL__2PRFIN20070127_140706_000000422055_00067_25672_4943.N1	27-JAN-2007 14:07:06	Tw_i_and_stray	42.000	86	35Eta Oph	2.4300	10200.	84	25672	No
213	GOM_NL__2PRFIN20070127_141112_000000542055_00067_25672_4944.N1	27-JAN-2007 14:11:12	Dark	54.000	16	21Alp Sco	1.0200	3000.0	108	25672	No
214	GOM_NL__2PRFIN20070127_141232_000000412055_00067_25672_4945.N1	27-JAN-2007 14:12:32	Dark	41.000	75	26Eps Sco	2.2910	4250.0	82	25672	No
215	GOM_NL__2PRFIN20070127_141651_000000402055_00067_25672_4946.N1	27-JAN-2007 14:16:51	Dark	40.000	131	Gam Lup	2.8000	26000.	80	25672	No
216	GOM_NL__2PRFIN20070127_142046_000000372055_00068_25673_4932.N1	27-JAN-2007 14:20:46	Dark	37.000	134	Bet TrA	2.8100	6600.0	74	25673	No
217	GOM_NL__2PRFIN20070127_142218_000000422055_00068_25673_4933.N1	27-JAN-2007 14:22:18	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	25673	No
218	GOM_NL__2PRFIN20070127_142653_000000402055_00068_25673_4934.N1	27-JAN-2007 14:26:53	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	25673	No
219	GOM_NL__2PRFIN20070127_143044_000000382055_00068_25673_4935.N1	27-JAN-2007 14:30:44	Dark	37.500	29	Bet Car	1.6720	10200.	75	25673	No

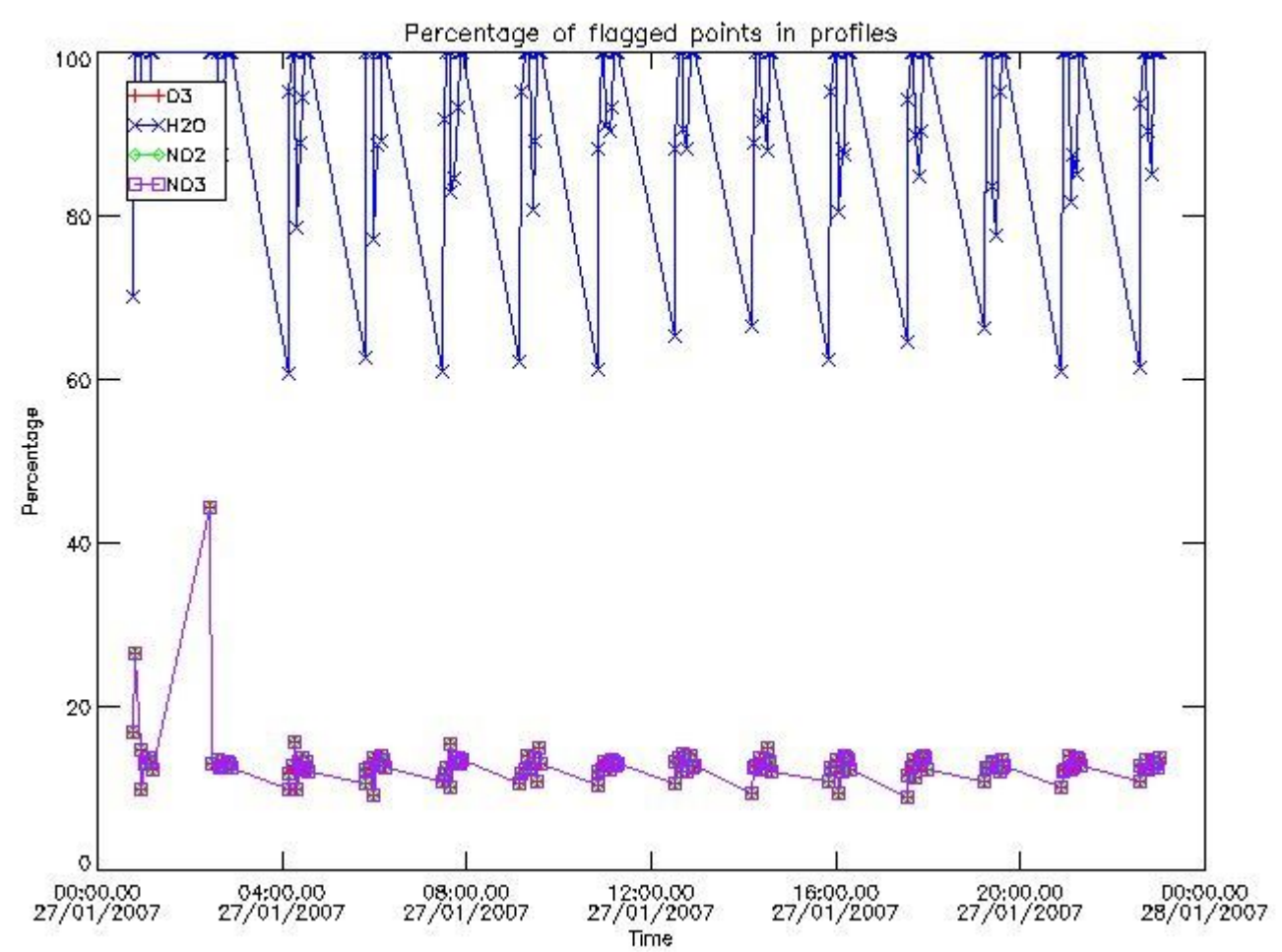
279	GOM_NL__2PRFIN20070127_180805_000000442055_00070_25675_4980.N1	27-JAN-2007 18:08:05	Straylight	44.000	1	9Alp CMa	-1.4400	11000.	88	25675	No
280	GOM_NL__2PRFIN20070127_181404_000000542055_00070_25675_4981.N1	27-JAN-2007 18:14:04	Twl_and_stray	53.500	8	10Alp CMi	0.40000	6500.0	107	25675	No
281	GOM_NL__2PRFIN20070127_181722_000000382055_00070_25675_4982.N1	27-JAN-2007 18:17:22	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	25675	No
282	GOM_NL__2PRFIN20070127_181910_000000372055_00070_25675_4983.N1	27-JAN-2007 18:19:10	Bright	37.000	151	13Mu Gem	2.8900	3000.0	74	25675	No
283	GOM_NL__2PRFIN20070127_182325_000000352055_00070_25675_4984.N1	27-JAN-2007 18:23:25	Bright	35.000	107	37The Aur	2.6490	11000.	70	25675	No
284	GOM_NL__2PRFIN20070127_182532_000000362055_00070_25675_4985.N1	27-JAN-2007 18:25:32	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	25675	No
285	GOM_NL__2PRFIN20070127_183757_000000362055_00070_25675_4986.N1	27-JAN-2007 18:37:57	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25675	No
286	GOM_NL__2PRFIN20070127_184857_000000362055_00070_25675_4987.N1	27-JAN-2007 18:48:57	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	25675	No
287	GOM_NL__2PRFIN20070127_185226_000000342055_00070_25675_4988.N1	27-JAN-2007 18:52:26	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	25675	No
288	GOM_NL__2PRFIN20070127_190030_000000352055_00070_25675_4989.N1	27-JAN-2007 19:00:30	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	25675	No
289	GOM_NL__2PRFIN20070127_190237_000000352055_00070_25675_4990.N1	27-JAN-2007 19:02:37	Bright	35.000	126	60Bet Oph	2.7700	4250.0	70	25675	No
290	GOM_NL__2PRFIN20070127_190855_000000422055_00070_25675_4991.N1	27-JAN-2007 19:08:55	Twl_and_stray	42.000	86	35Eta Oph	2.4300	10200.	84	25675	No
291	GOM_NL__2PRFIN20070127_191301_000000472055_00070_25675_4992.N1	27-JAN-2007 19:13:01	Dark	46.500	16	21Alp Sco	1.0200	3000.0	93	25675	No
292	GOM_NL__2PRFIN20070127_191422_000000412055_00070_25675_4993.N1	27-JAN-2007 19:14:22	Dark	40.500	75	26Eps Sco	2.2910	4250.0	81	25675	No
293	GOM_NL__2PRFIN20070127_191842_000000412055_00070_25675_4994.N1	27-JAN-2007 19:18:42	Dark	40.500	131	Gam Lup	2.8000	26000.	81	25675	No
294	GOM_NL__2PRFIN20070127_192235_000000392055_00071_25676_5012.N1	27-JAN-2007 19:22:35	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	25676	No
295	GOM_NL__2PRFIN20070127_192407_000000432055_00071_25676_5013.N1	27-JAN-2007 19:24:07	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	25676	No
296	GOM_NL__2PRFIN20070127_192842_000000412055_00071_25676_5014.N1	27-JAN-2007 19:28:42	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	25676	No
297	GOM_NL__2PRFIN20070127_193233_000000432055_00071_25676_5015.N1	27-JAN-2007 19:32:33	Dark	42.500	29	Bet Car	1.6720	10200.	85	25676	No
298	GOM_NL__2PRFIN20070127_193448_000000412055_00071_25676_5016.N1	27-JAN-2007 19:34:48	Dark	41.000	71	lot Car	2.2460	7700.0	82	25676	No
299	GOM_NL__2PRFIN20070127_193635_000000382055_00071_25676_5017.N1	27-JAN-2007 19:36:35	Dark	37.500	46	Del Vel	1.9540	10600.	75	25676	No
300	GOM_NL__2PRFIN20070127_193910_000000402055_00071_25676_5018.N1	27-JAN-2007 19:39:10	Dark	40.000	34	Gam2Vel	1.7930	23000.	80	25676	No
301	GOM_NL__2PRFIN20070127_194116_000000412055_00071_25676_5019.N1	27-JAN-2007 19:41:16	Straylight	40.500	70	Zet Pup	2.2460	39000.	81	25676	No
302	GOM_NL__2PRFIN20070127_194242_000000412055_00071_25676_5020.N1	27-JAN-2007 19:42:42	Straylight	40.500	117	Pi Pup	2.7060	3800.0	81	25676	No
303	GOM_NL__2PRFIN20070127_194509_000000422055_00071_25676_5021.N1	27-JAN-2007 19:45:09	Straylight	42.000	23	21Eps CMa	1.5020	26000.	84	25676	No
304	GOM_NL__2PRFIN20070127_194632_000000382055_00071_25676_5022.N1	27-JAN-2007 19:46:32	Straylight	38.000	179	24Omi2CMa	3.0320	24000.	76	25676	No
305	GOM_NL__2PRFIN20070127_194841_000000452055_00071_25676_5023.N1	27-JAN-2007 19:48:41	Straylight	44.500	1	9Alp CMa	-1.4400	11000.	89	25676	No
306	GOM_NL__2PRFIN20070127_195440_000000462055_00071_25676_5024.N1	27-JAN-2007 19:54:40	Twl_and_stray	46.000	8	10Alp CMi	0.40000	6500.0	92	25676	No
307	GOM_NL__2PRFIN20070127_195758_000000392055_00071_25676_5025.N1	27-JAN-2007 19:57:58	Bright	38.500	44	24Gam Gem	1.9280	11000.	77	25676	No
308	GOM_NL__2PRFIN20070127_195946_000000392055_00071_25676_5026.N1	27-JAN-2007 19:59:46	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	25676	No
309	GOM_NL__2PRFIN20070127_200232_000000252055_00071_25676_5027.N1	27-JAN-2007 20:02:32	Twl_and_stray	25.000	24	66Alp Gem	1.5800	10200.	50	25676	No
310	GOM_NL__2PRFIN20070127_200401_000000352055_00071_25676_5028.N1	27-JAN-2007 20:04:01	Bright	35.000	107	37The Aur	2.6490	11000.	70	25676	No
311	GOM_NL__2PRFIN20070127_200608_000000352055_00071_25676_5029.N1	27-JAN-2007 20:06:08	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	25676	No
312	GOM_NL__2PRFIN20070127_201833_000000362055_00071_25676_5030.N1	27-JAN-2007 20:18:33	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	25676	No
313	GOM_NL__2PRFIN20070127_202933_000000372055_00071_25676_5031.N1	27-JAN-2007 20:29:33	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	25676	No
314	GOM_NL__2PRFIN20070127_203302_000000362055_00071_25676_5032.N1	27-JAN-2007 20:33:02	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	25676	No
315	GOM_NL__2PRFIN20070127_204106_000000362055_00071_25676_5033.N1	27-JAN-2007 20:41:06	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	25676	No
316	GOM_NL__2PRFIN20070127_204313_000000352055_00071_25676_5034.N1	27-JAN-2007 20:43:13	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	25676	No
317	GOM_NL__2PRFIN20070127_204931_000000412055_00071_25676_5035.N1	27-JAN-2007 20:49:31	Twl_and_stray	41.000	86	35Eta Oph	2.4300	10200.	82	25676	No
318	GOM_NL__2PRFIN20070127_205338_000000512055_00071_25676_5036.N1	27-JAN-2007 20:53:38	Dark	50.500	16	21Alp Sco	1.0200	3000.0	101	25676	No
319	GOM_NL__2PRFIN20070127_205458_000000422055_00071_25676_5037.N1	27-JAN-2007 20:54:58	Dark	42.000	75	26Eps Sco	2.2910	4250.0	84	25676	No
320	GOM_NL__2PRFIN20070127_205918_000000422055_00071_25676_5038.N1	27-JAN-2007 20:59:18	Dark	41.500	131	Gam Lup	2.8000	26000.	83	25676	No
321	GOM_NL__2PRFIN20070127_210311_000000372055_00072_25677_5001.N1	27-JAN-2007 21:03:11	Dark	36.500	134	Bet TrA	2.8100	6600.0	73	25677	No
322	GOM_NL__2PRFIN20070127_210444_000000422055_00072_25677_5002.N1	27-JAN-2007 21:04:44	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	25677	No
323	GOM_NL__2PRFIN20070127_210919_000000412055_00072_25677_5003.N1	27-JAN-2007 21:09:19	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	25677	No
324	GOM_NL__2PRFIN20070127_211309_000000372055_00072_25677_5004.N1	27-JAN-2007 21:13:09	Dark	37.000	29	Bet Car	1.6720	10200.	74	25677	No
325	GOM_NL__2PRFIN20070127_211525_000000382055_00072_25677_5005.N1	27-JAN-2007 21:15:25	Dark	38.000	71	lot Car	2.2460	7700.0	76	25677	No
326	GOM_NL__2PRFIN20070127_211712_000000382055_00072_25677_5006.N1	27-JAN-2007 21:17:12	Dark	37.500	46	Del Vel	1.9540	10600.	75	25677	No
327	GOM_NL__2PRFIN20070127_211946_000000402055_00072_25677_5007.N1	27-JAN-2007 21:19:46	Dark	40.000	34	Gam2Vel	1.7930	23000.	80	25677	No
328	GOM_NL__2PRFIN20070127_212152_000000382055_00072_25677_5008.N1	27-JAN-2007 21:21:52	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	25677	No
329	GOM_NL__2PRFIN20070127_212318_000000392055_00072_25677_5009.N1	27-JAN-2007 21:23:18	Straylight	39.000	117	Pi Pup	2.7060	3800.0	78	25677	No
330	GOM_NL__2PRFIN20070127_212545_000000392055_00072_25677_5010.N1	27-JAN-2007 21:25:45	Straylight	39.000	23	21Eps CMa	1.5020	26000.	78	25677	No
331	GOM_NL__2PRFIN20070127_212708_000000392055_00072_25677_5011.N1	27-JAN-2007 21:27:08	Straylight	38.500	179	24Omi2CMa	3.0320	24000.	77	25677	No
332	GOM_NL__2PRFIN20070127_212917_000000442055_00072_25677_5012.N1	27-JAN-2007 21:29:17	Straylight	43.500	1	9Alp CMa	-1.4400	11000.	87	25677	No
333	GOM_NL__2PRFIN20070127_213516_000000522055_00072_25677_5013.N1	27-JAN-2007 21:35:16	Twl_and_stray	52.000	8	10Alp CMi	0.40000	6500.0	104	25677	No
334	GOM_NL__2PRFIN20070127_213834_000000372055_00072_25677_5014.N1	27-JAN-2007 21:38:34	Bright	37.000	44	24Gam Gem	1.9280	11000.	74	25677	No
335	GOM_NL__2PRFIN20070127_214022_000000392055_00072_25677_5015.N1	27-JAN-2007 21:40:22	Bright	38.500	151	13Mu Gem	2.8900	3000.0	77	25677	No
336	GOM_NL__2PRFIN20070127_214308_000000252055_00072_25677_5016.N1	27-JAN-2007 21:43:08	Twl_and_stray	25.000	24	66Alp Gem	1.5800	10200.	50	25677	No
337	GOM_NL__2PRFIN20070127_214437_000000352055_00072_25677_5017.N1	27-JAN-2007 21:44:37	Bright	35.000	107	37The Aur	2.6490	11000.	70	25677	No

338	GOM_NL__2PRFIN20070127_214644_000000362055_00072_25677_5018.N1	27-JAN-2007 21:46:44	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	25677	No
339	GOM_NL__2PRFIN20070127_215909_000000362055_00072_25677_5019.N1	27-JAN-2007 21:59:09	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	25677	No
340	GOM_NL__2PRFIN20070127_221009_000000372055_00072_25677_5020.N1	27-JAN-2007 22:10:09	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	25677	No
341	GOM_NL__2PRFIN20070127_221338_000000352055_00072_25677_5021.N1	27-JAN-2007 22:13:38	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	25677	No
342	GOM_NL__2PRFIN20070127_222143_000000352055_00072_25677_5022.N1	27-JAN-2007 22:21:43	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	25677	No
343	GOM_NL__2PRFIN20070127_222349_000000352055_00072_25677_5023.N1	27-JAN-2007 22:23:49	Bright	34.500	126	60Bet Oph	2.7700	4250.0	69	25677	No
344	GOM_NL__2PRFIN20070127_223007_000000442055_00072_25677_5024.N1	27-JAN-2007 22:30:07	Tw_i_and_stray	43.500	86	35Eta Oph	2.4300	10200.	87	25677	No
345	GOM_NL__2PRFIN20070127_223414_000000472055_00072_25677_5025.N1	27-JAN-2007 22:34:14	Dark	47.000	16	21Alp Sco	1.0200	3000.0	94	25677	No
346	GOM_NL__2PRFIN20070127_223534_000000402055_00072_25677_5026.N1	27-JAN-2007 22:35:34	Dark	40.000	75	26Eps Sco	2.2910	4250.0	80	25677	No
347	GOM_NL__2PRFIN20070127_223954_000000422055_00072_25677_5027.N1	27-JAN-2007 22:39:54	Dark	41.500	131	Gam Lup	2.8000	26000.	83	25677	No
348	GOM_NL__2PRFIN20070127_224348_000000382055_00073_25678_5007.N1	27-JAN-2007 22:43:48	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	25678	No
349	GOM_NL__2PRFIN20070127_224520_000000422055_00073_25678_5008.N1	27-JAN-2007 22:45:20	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	25678	No
350	GOM_NL__2PRFIN20070127_224955_000000412055_00073_25678_5009.N1	27-JAN-2007 22:49:55	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	25678	No
351	GOM_NL__2PRFIN20070127_225345_000000392055_00073_25678_5010.N1	27-JAN-2007 22:53:45	Dark	38.500	29	Bet Car	1.6720	10200.	77	25678	No
352	GOM_NL__2PRFIN20070127_225601_000000392055_00073_25678_5011.N1	27-JAN-2007 22:56:01	Dark	39.000	71	lot Car	2.2460	7700.0	78	25678	No
353	GOM_NL__2PRFIN20070127_225748_000000412055_00073_25678_5012.N1	27-JAN-2007 22:57:48	Dark	41.000	46	Del Vel	1.9540	10600.	82	25678	No
354	GOM_NL__2PRFIN20070127_230022_000000412055_00073_25678_5013.N1	27-JAN-2007 23:00:22	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	25678	No
355	GOM_NL__2PRFIN20070127_230228_000000412055_00073_25678_5014.N1	27-JAN-2007 23:02:28	Straylight	41.000	70	Zet Pup	2.2460	39000.	82	25678	No
356	GOM_NL__2PRFIN20070127_230354_000000412055_00073_25678_5015.N1	27-JAN-2007 23:03:54	Straylight	40.500	117	Pi Pup	2.7060	3800.0	81	25678	No
357	GOM_NL__2PRFIN20070127_230621_000000412055_00073_25678_5016.N1	27-JAN-2007 23:06:21	Straylight	41.000	23	21Eps CMa	1.5020	26000.	82	25678	No
358	GOM_NL__2PRFIN20070127_230744_000000372055_00073_25678_5017.N1	27-JAN-2007 23:07:44	Straylight	37.000	179	24Omi2CMa	3.0320	24000.	74	25678	No
359	GOM_NL__2PRFIN20070127_230953_000000482055_00073_25678_5018.N1	27-JAN-2007 23:09:53	Straylight	48.000	1	9Alp CMa	-1.4400	11000.	96	25678	No
360	GOM_NL__2PRFIN20070127_231552_000000512055_00073_25678_5019.N1	27-JAN-2007 23:15:52	Tw_i_and_stray	50.500	8	10Alp CMi	0.40000	6500.0	101	25678	No
361	GOM_NL__2PRFIN20070127_231910_000000382055_00073_25678_5020.N1	27-JAN-2007 23:19:10	Bright	38.000	44	24Gam Gem	1.9280	11000.	76	25678	No
362	GOM_NL__2PRFIN20070127_232058_000000382055_00073_25678_5021.N1	27-JAN-2007 23:20:58	Bright	37.500	151	13Mu Gem	2.8900	3000.0	75	25678	No
363	GOM_NL__2PRFIN20070127_232344_000000362055_00073_25678_5022.N1	27-JAN-2007 23:23:44	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	25678	No
364	GOM_NL__2PRFIN20070127_232513_000000362055_00073_25678_5023.N1	27-JAN-2007 23:25:13	Bright	35.500	107	37The Aur	2.6490	11000.	71	25678	No
365	GOM_NL__2PRFIN20070127_232720_000000352055_00073_25678_5024.N1	27-JAN-2007 23:27:20	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	25678	No
366	GOM_NL__2PRFIN20070127_233945_000000332055_00073_25678_5025.N1	27-JAN-2007 23:39:45	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	25678	No
367	GOM_NL__2PRFIN20070127_235045_000000382055_00073_25678_5026.N1	27-JAN-2007 23:50:45	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	25678	No
368	GOM_NL__2PRFIN20070127_235414_000000342055_00073_25678_5027.N1	27-JAN-2007 23:54:14	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	25678	No

3. Quality information per product

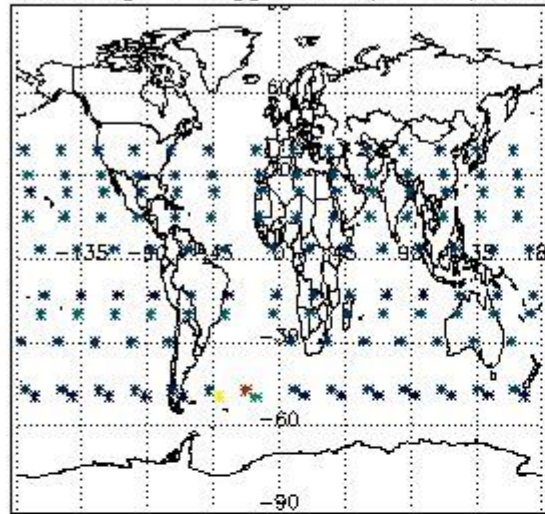
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

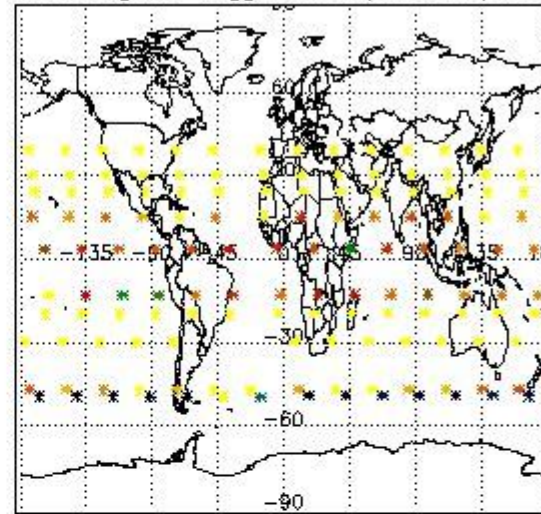


3.2 Plot quality information per product (world map)

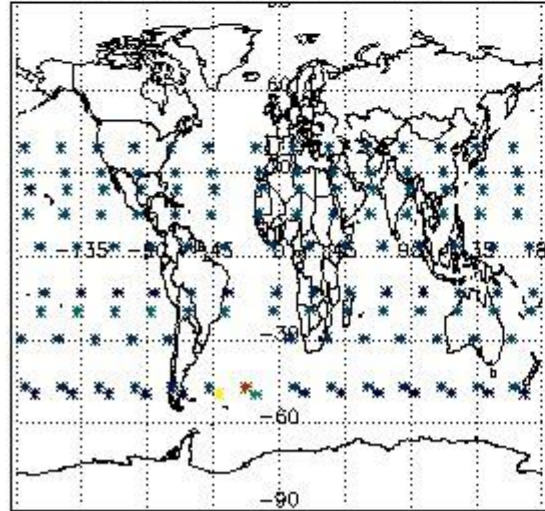
Percentage of flagged data per O3 profile



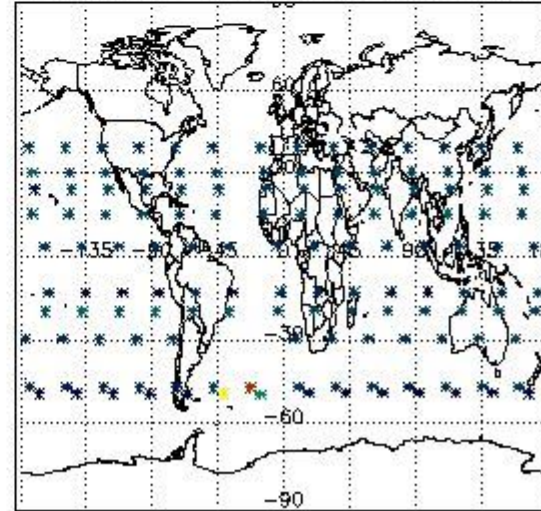
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

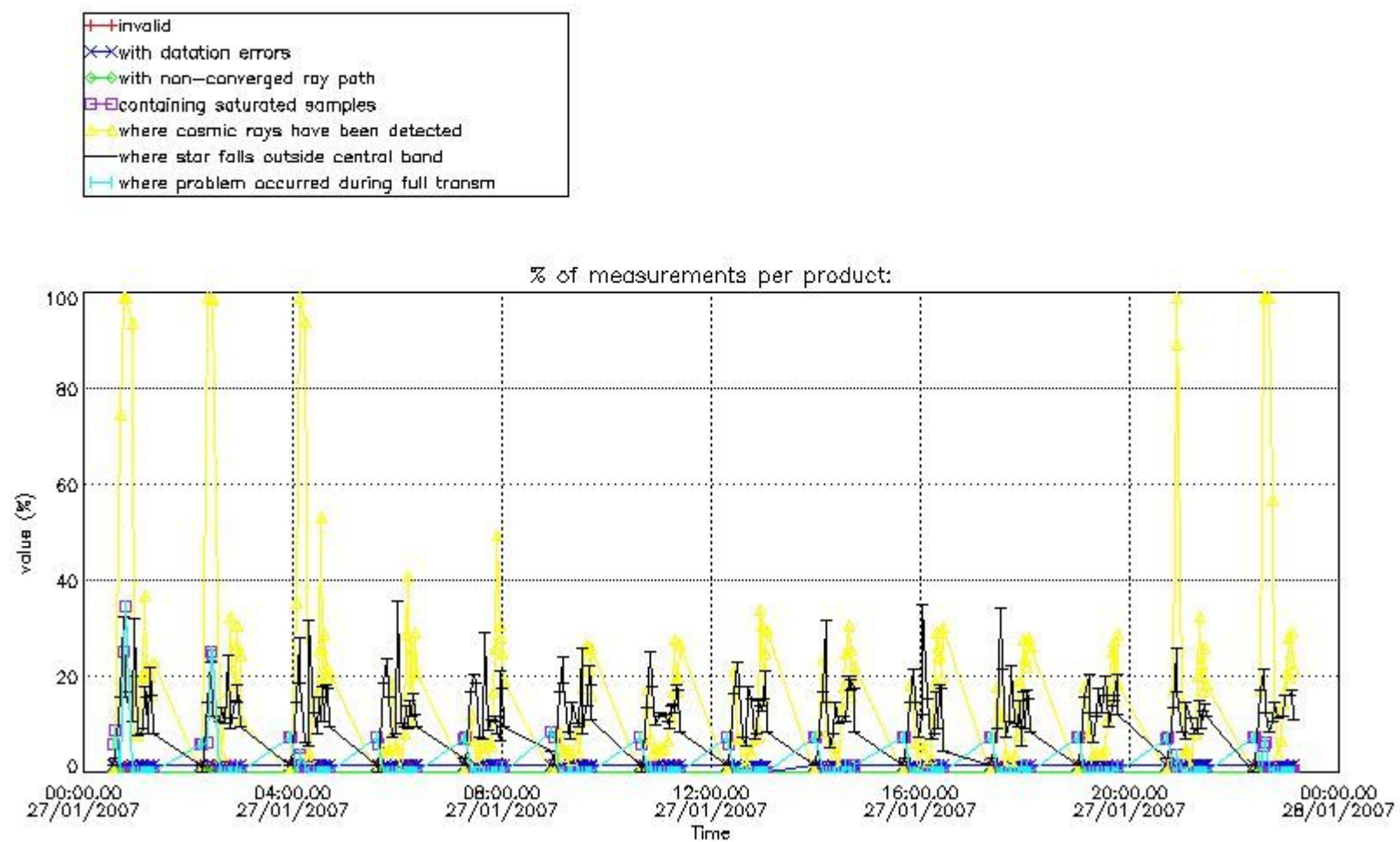


4. Level 1 quality information per product

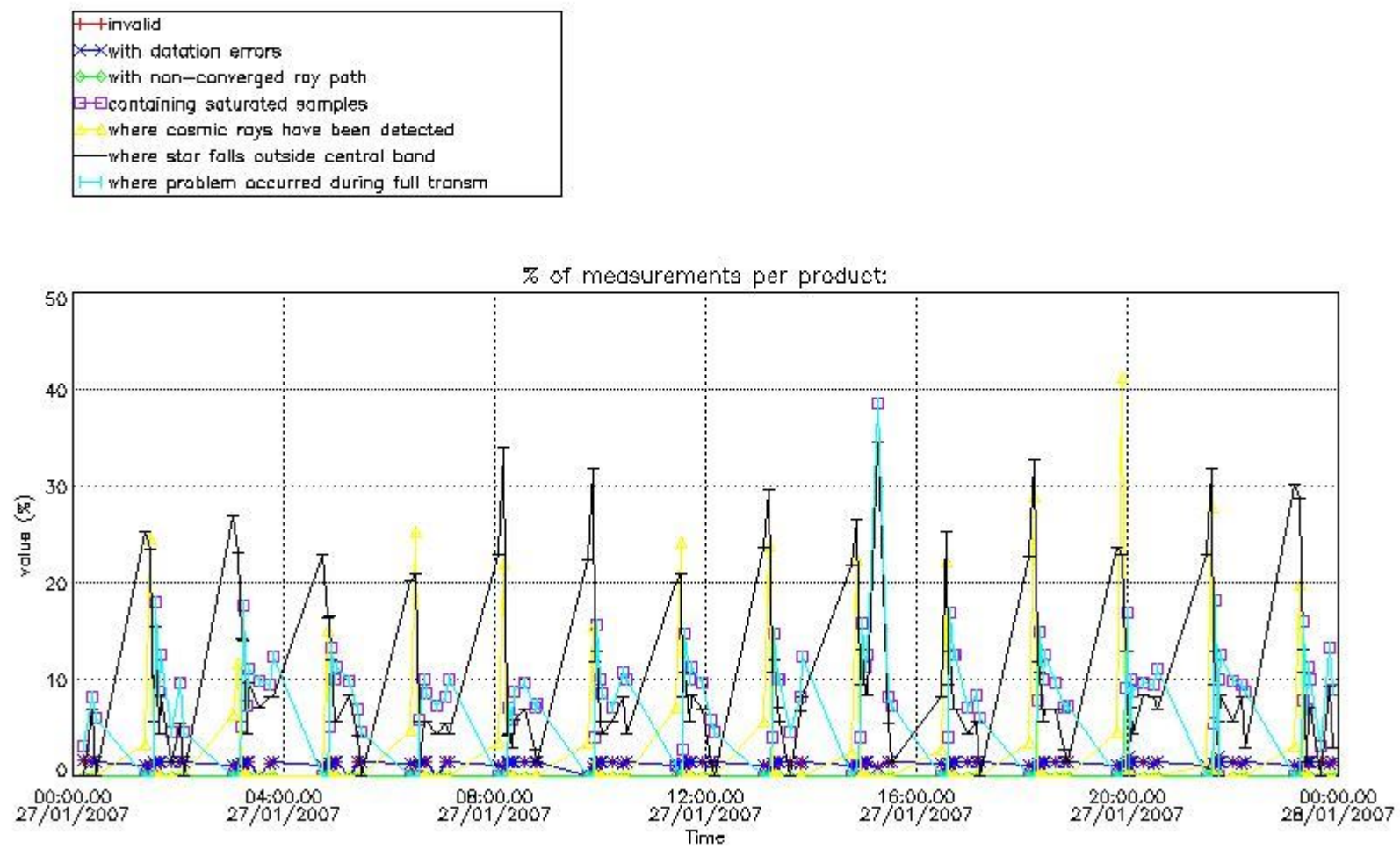
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



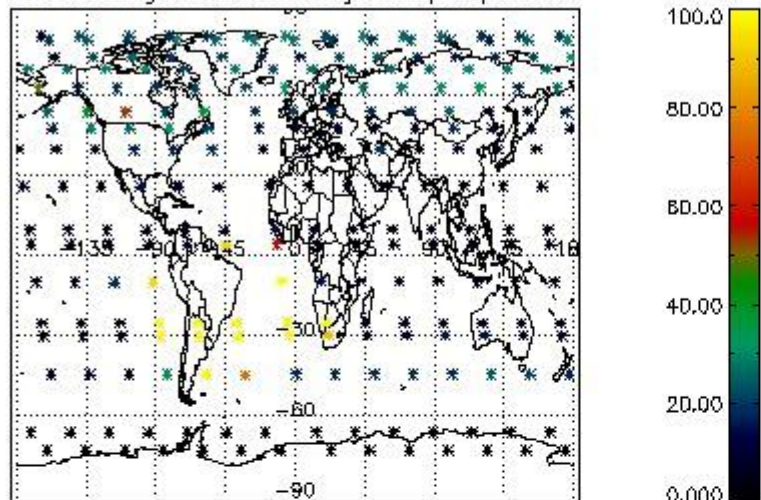
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



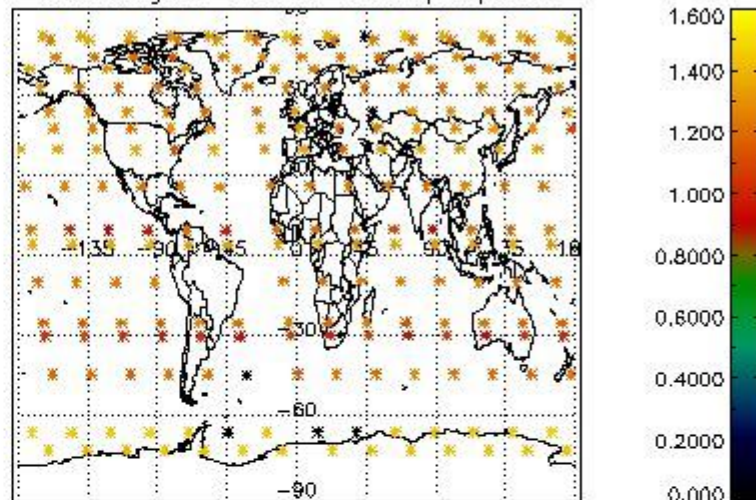
4.2 Plot quality information per product coming from level 1b processing (world map)

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

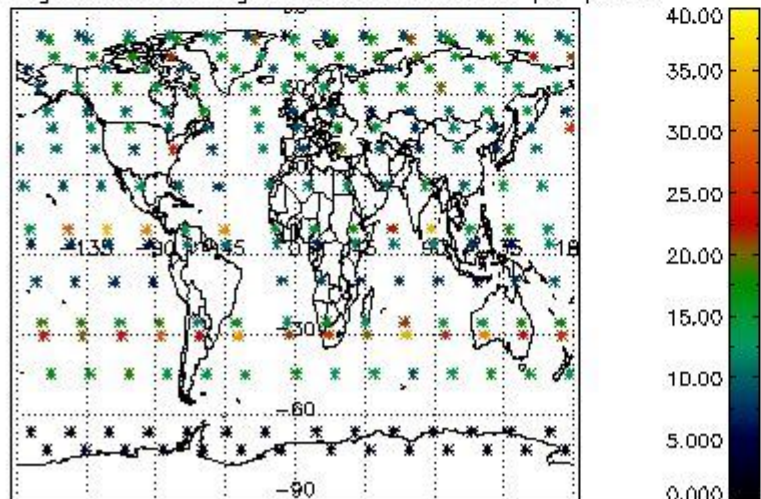
Percentage of cosmic ray hits per profile



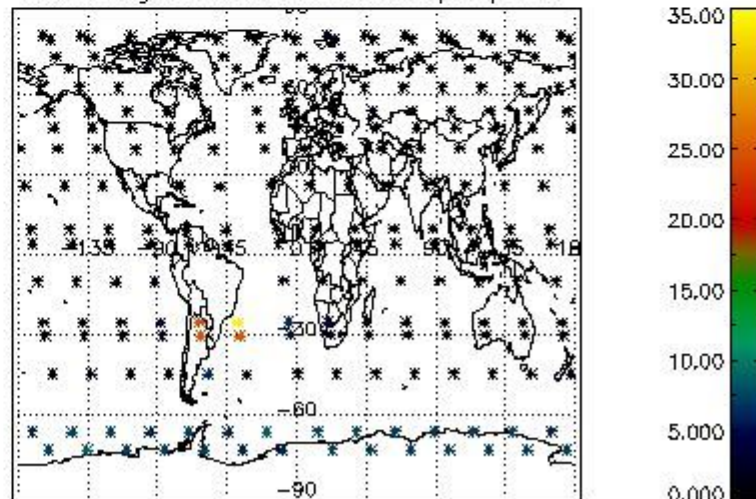
Percentage of datation errors per profile



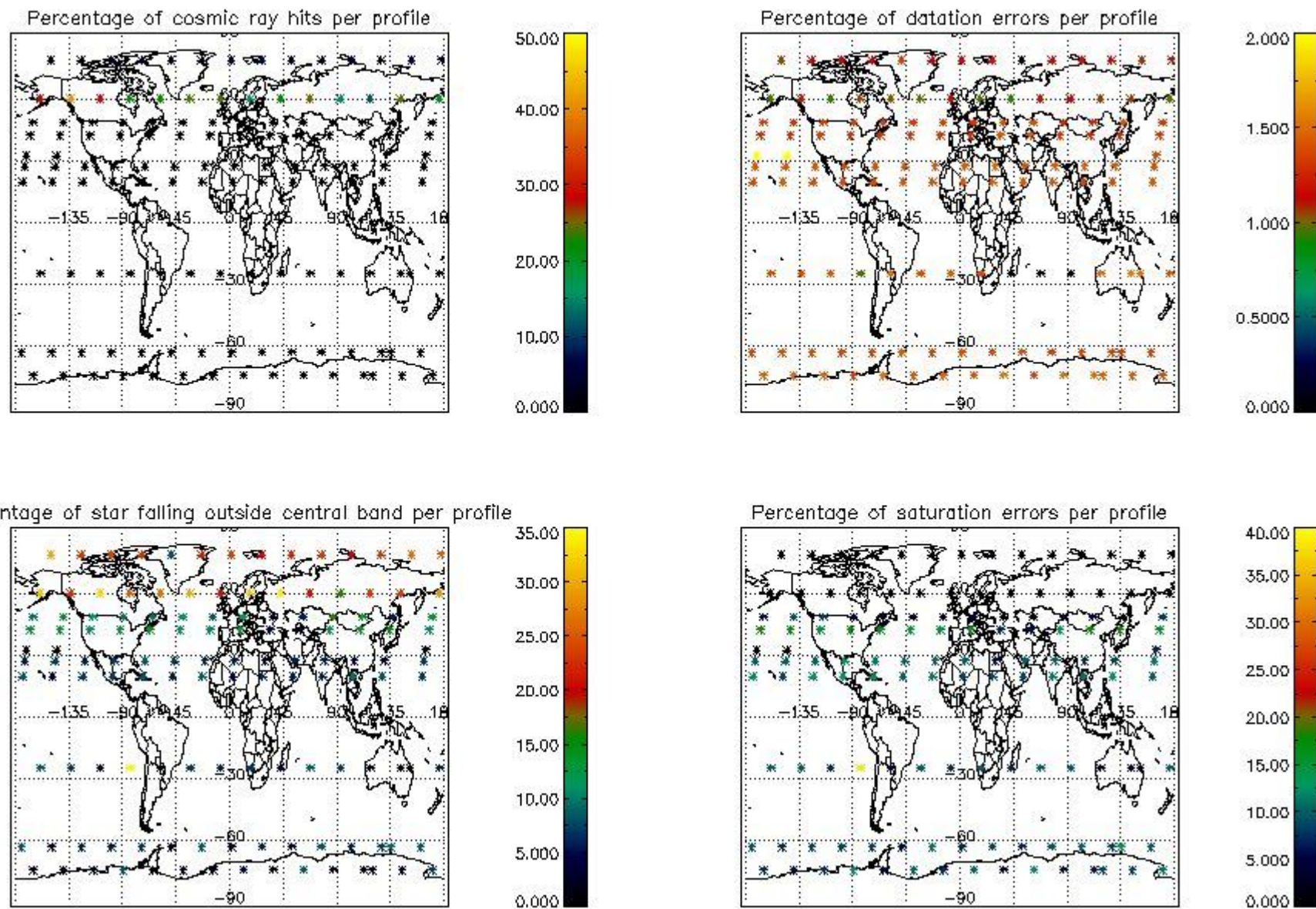
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

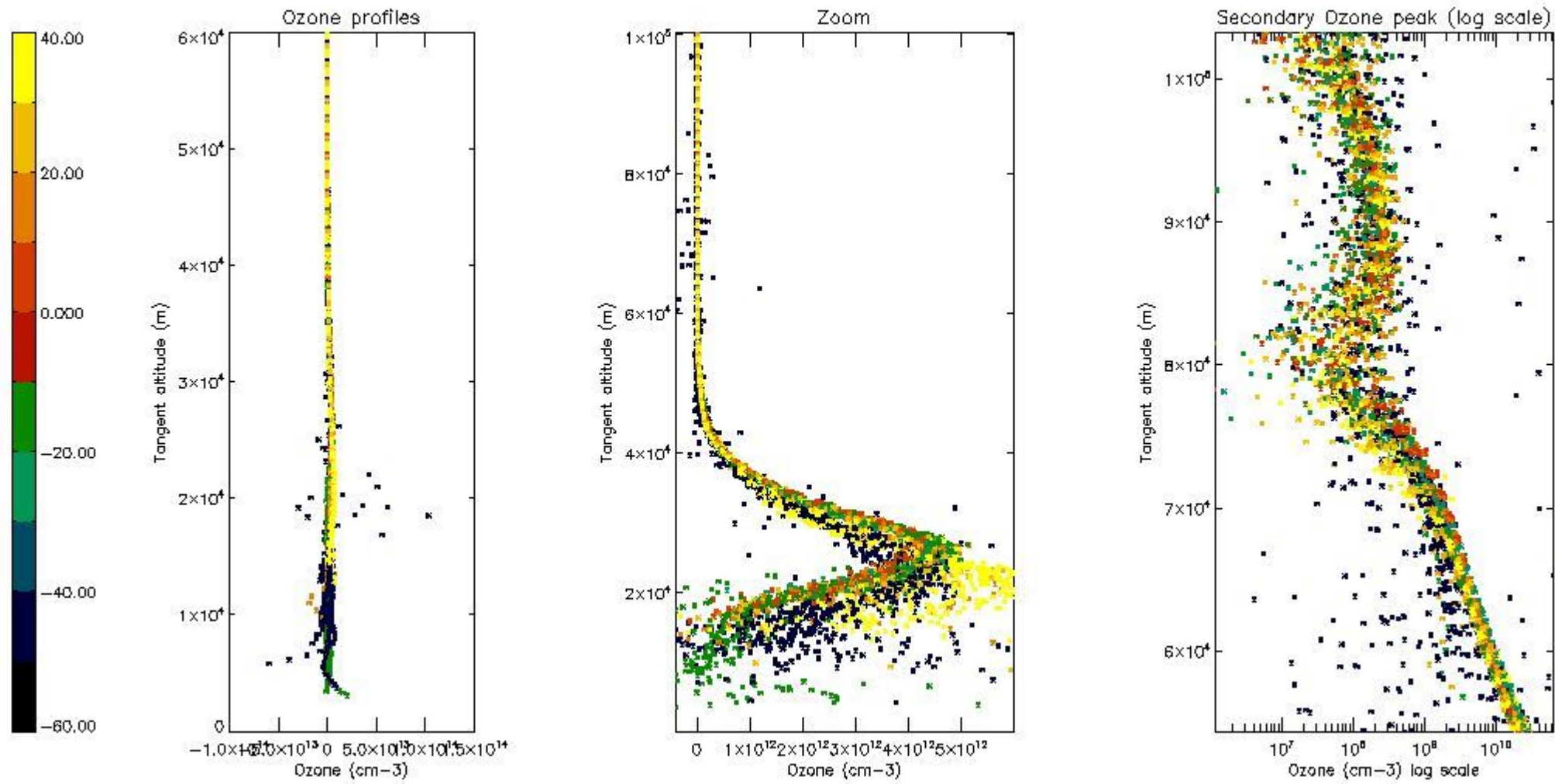
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	40
STD < 20	22

STD < 10	17
STD < 5	11

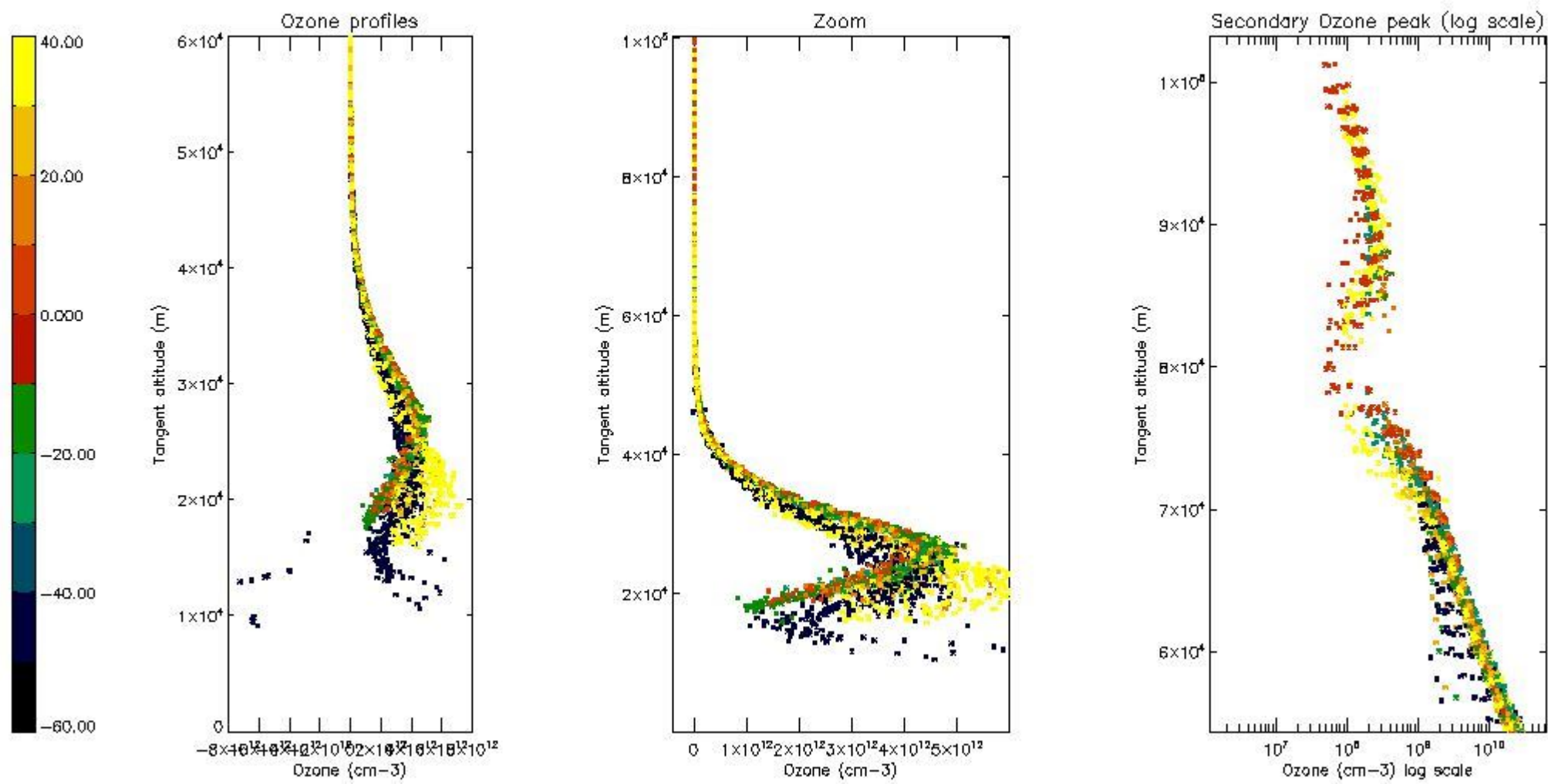
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



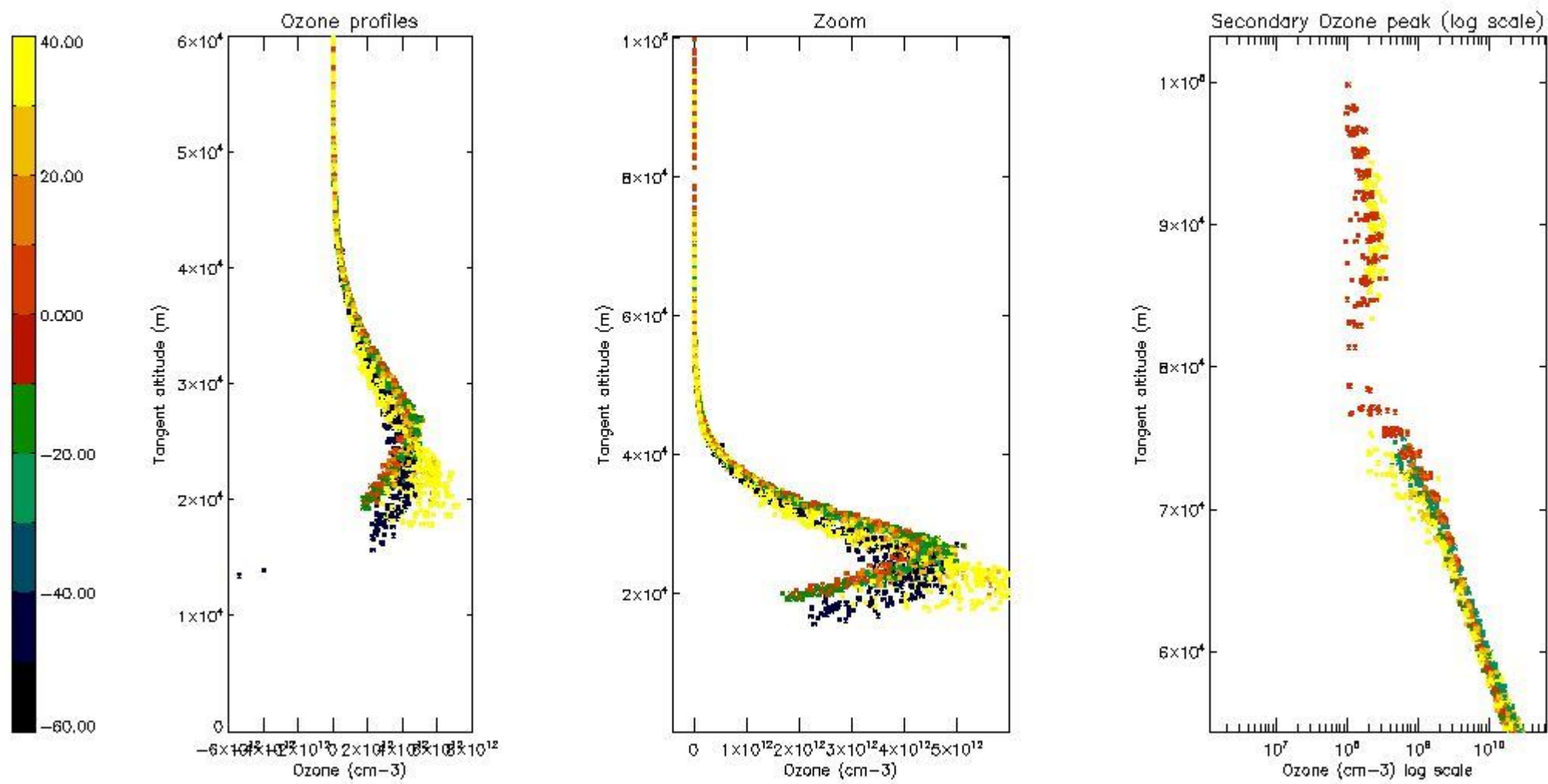
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



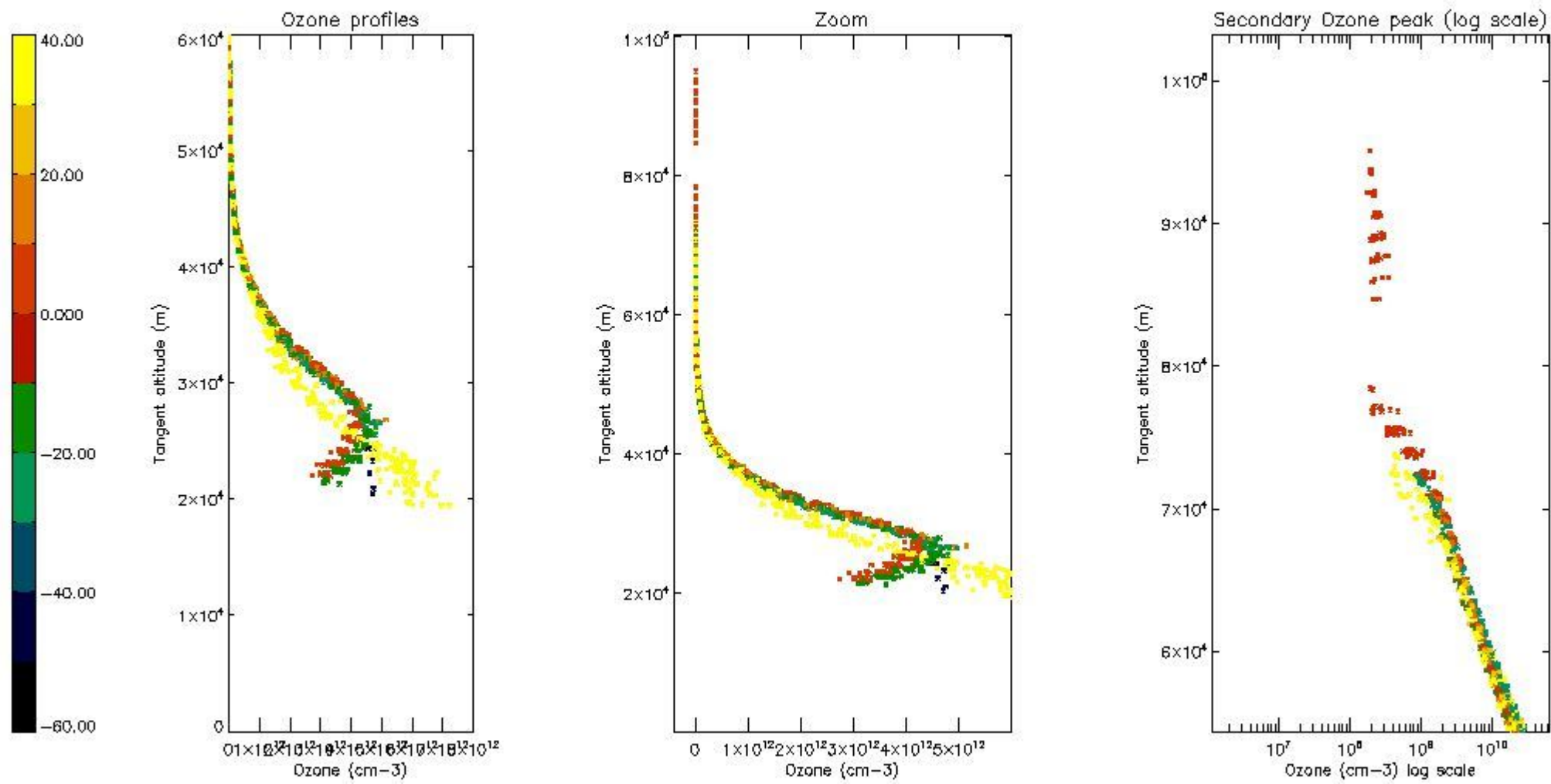
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



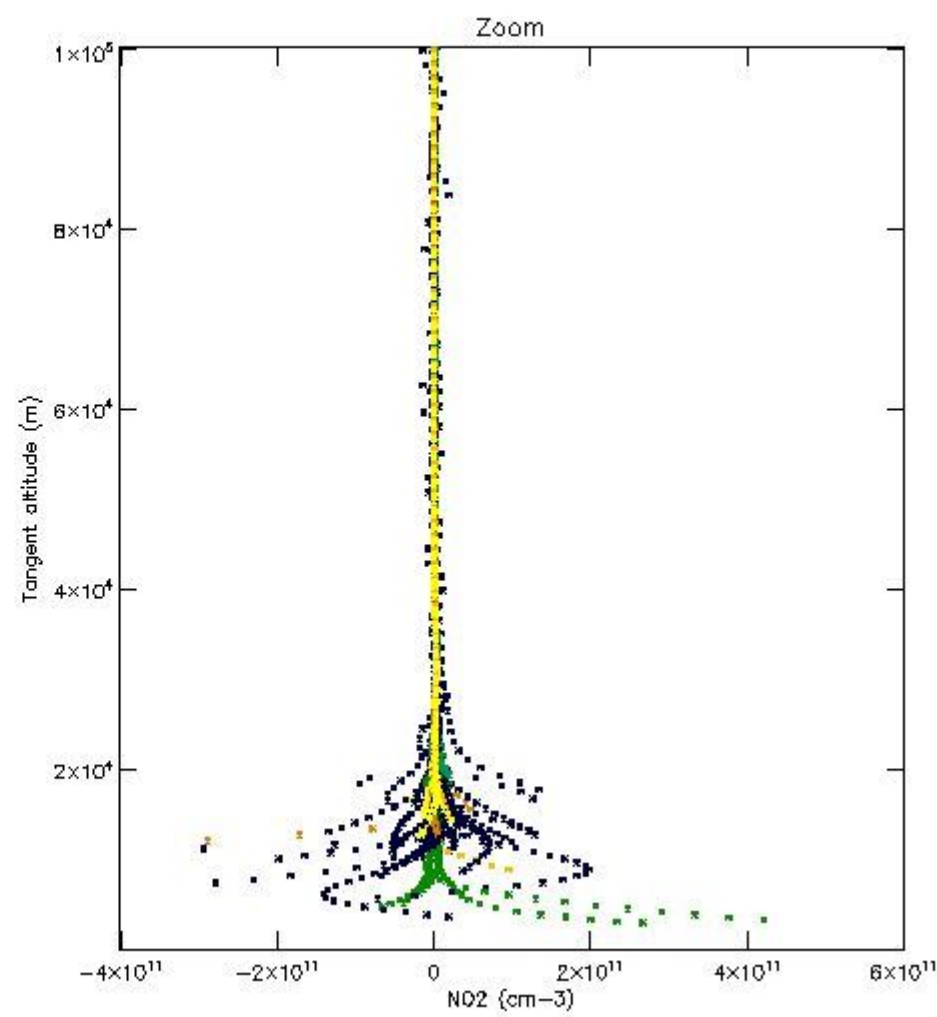
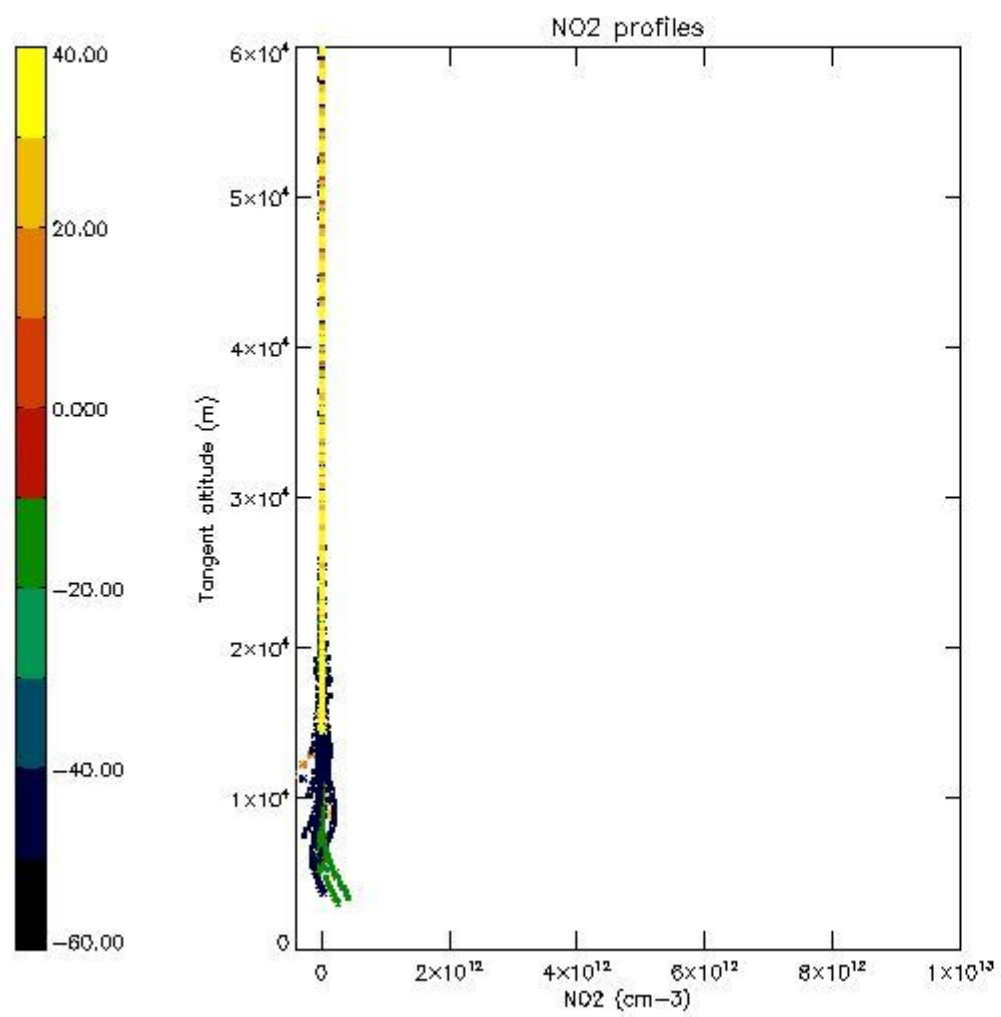
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



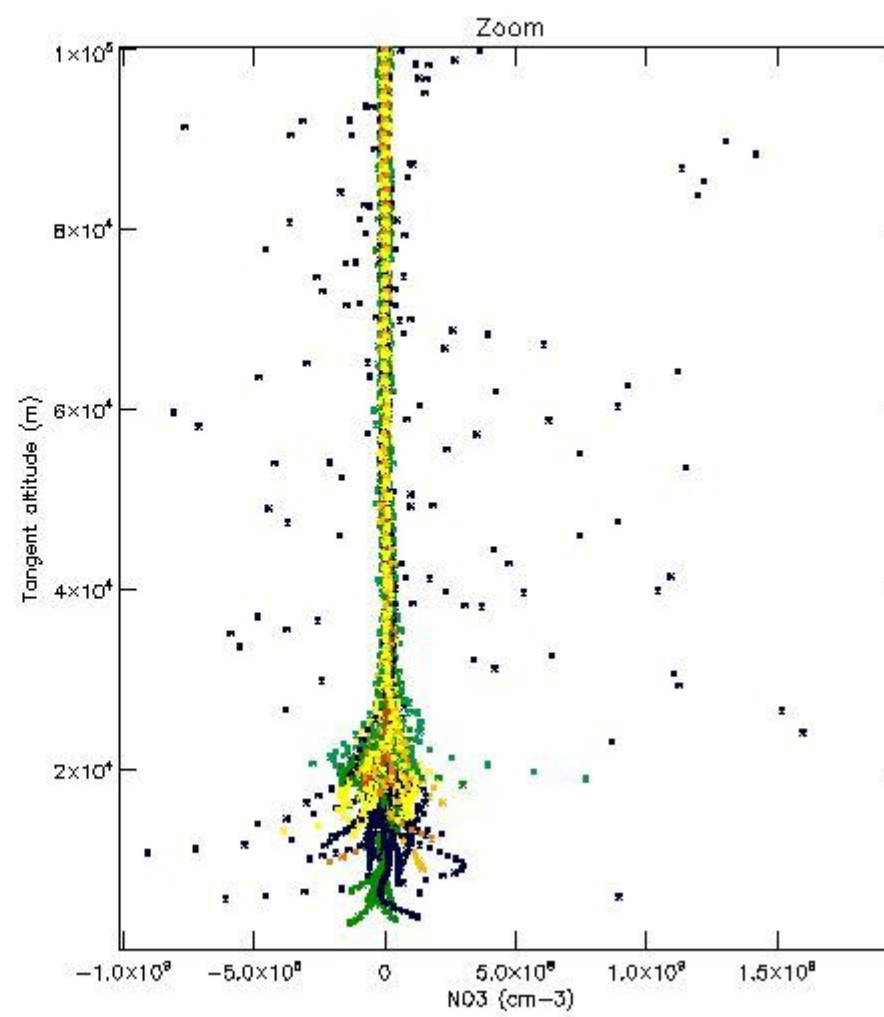
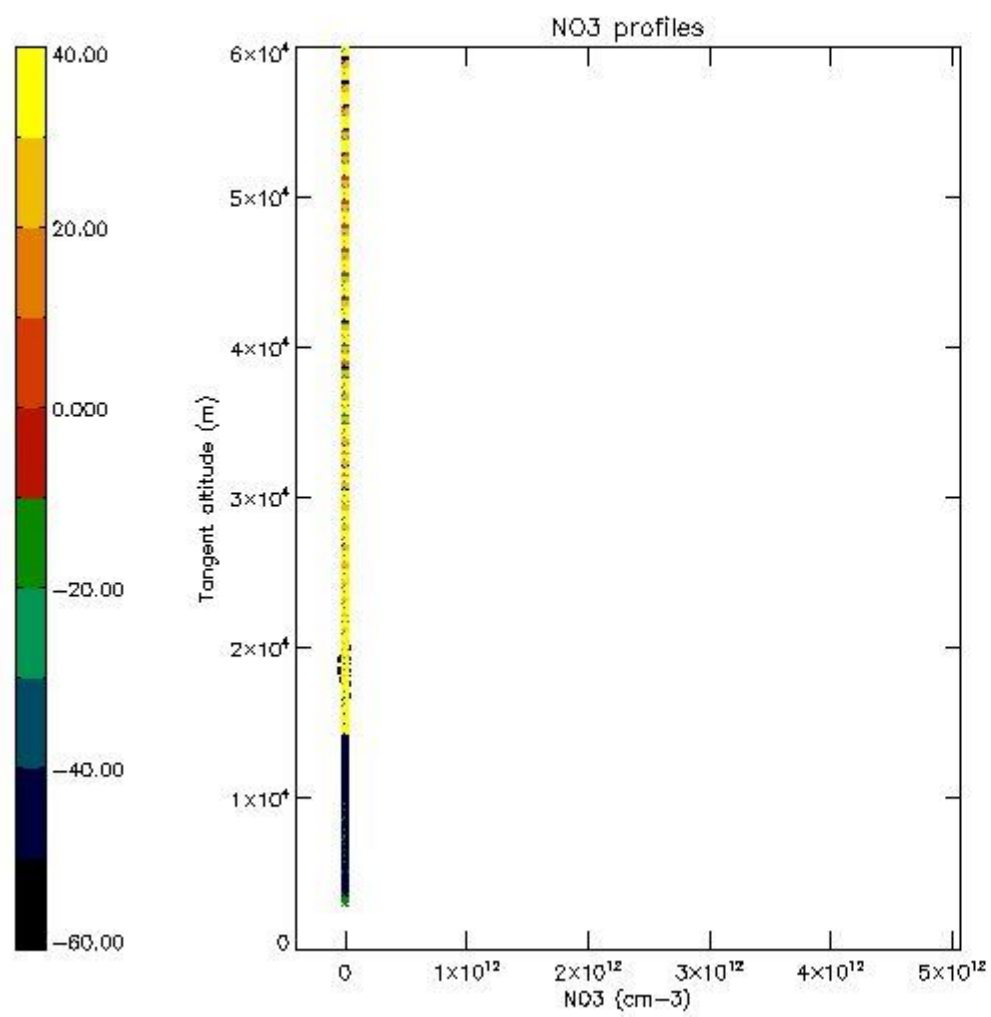
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



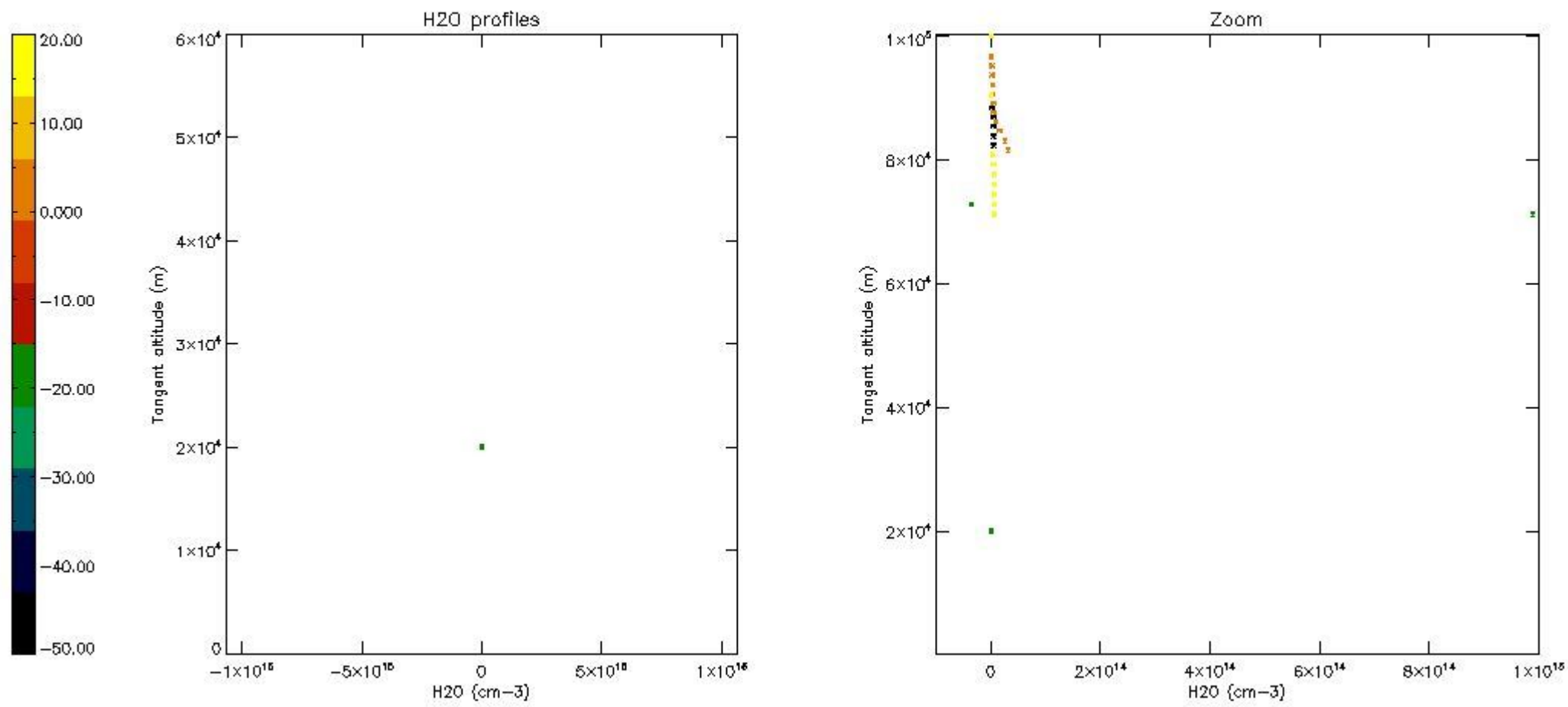
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

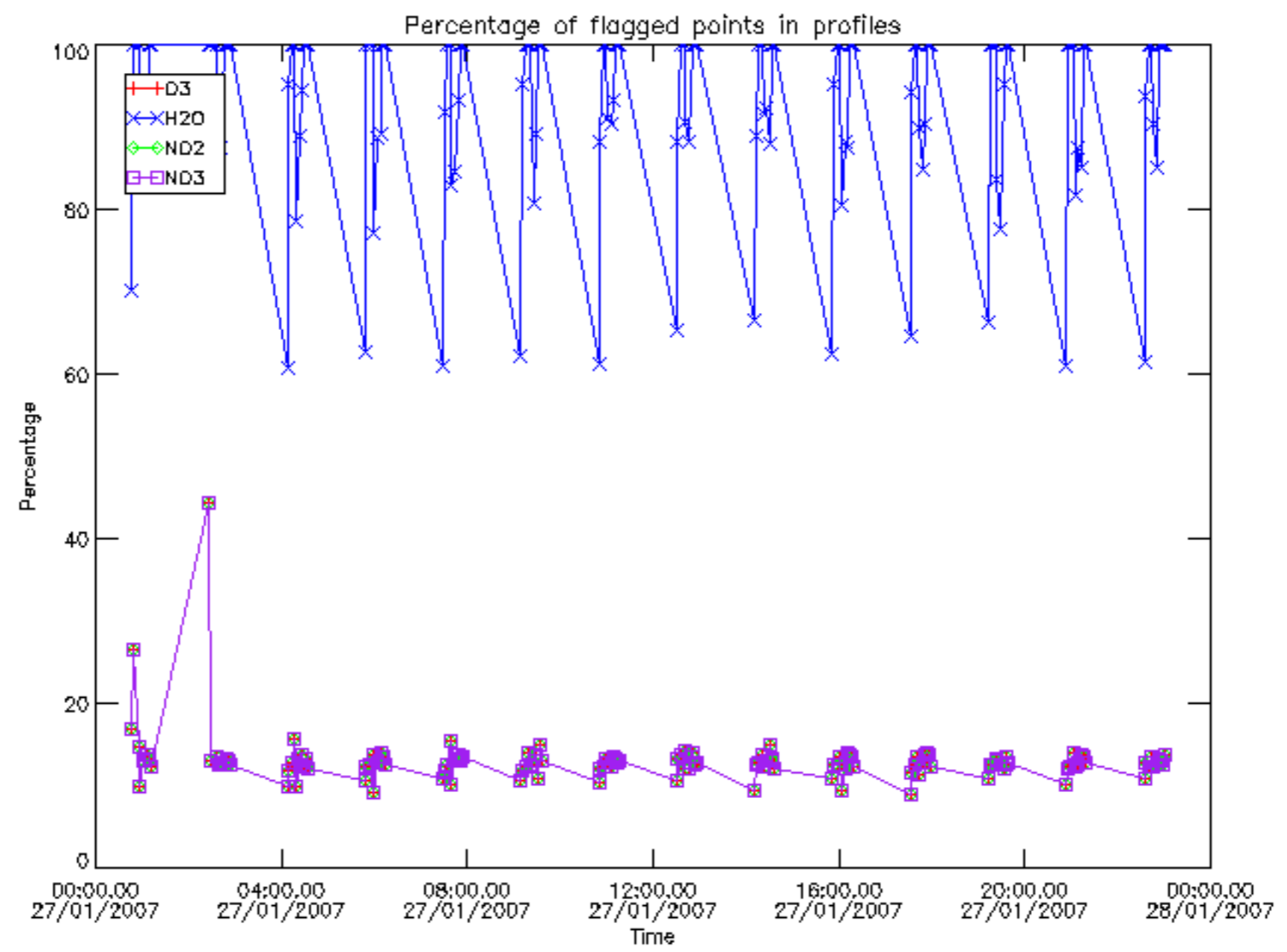
The colorbar represents the latitude.



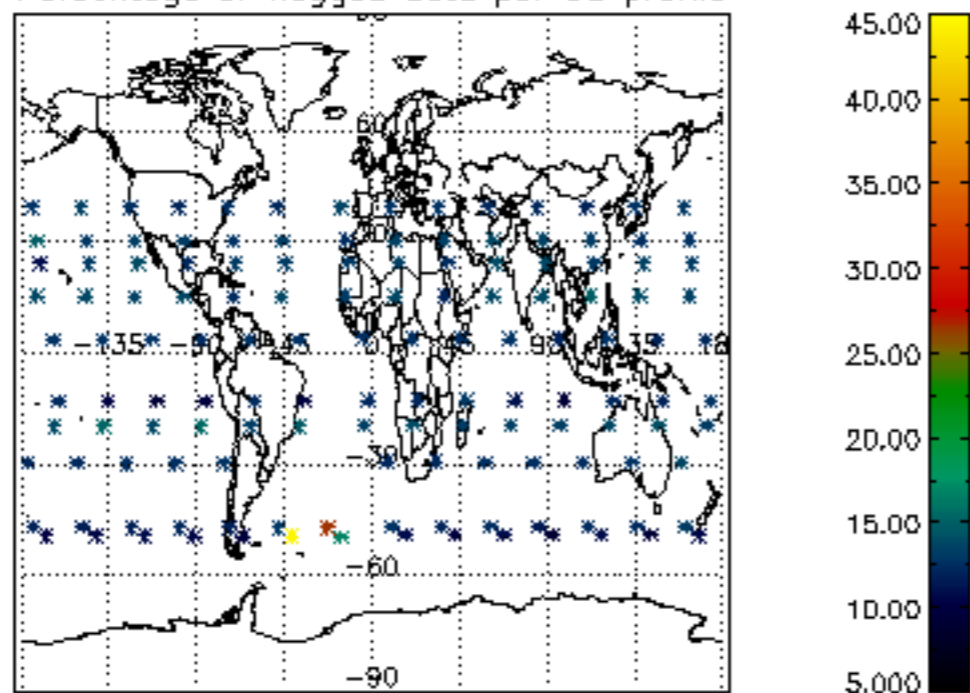
6. Auxiliary Data Files used for the production reported in section 2

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

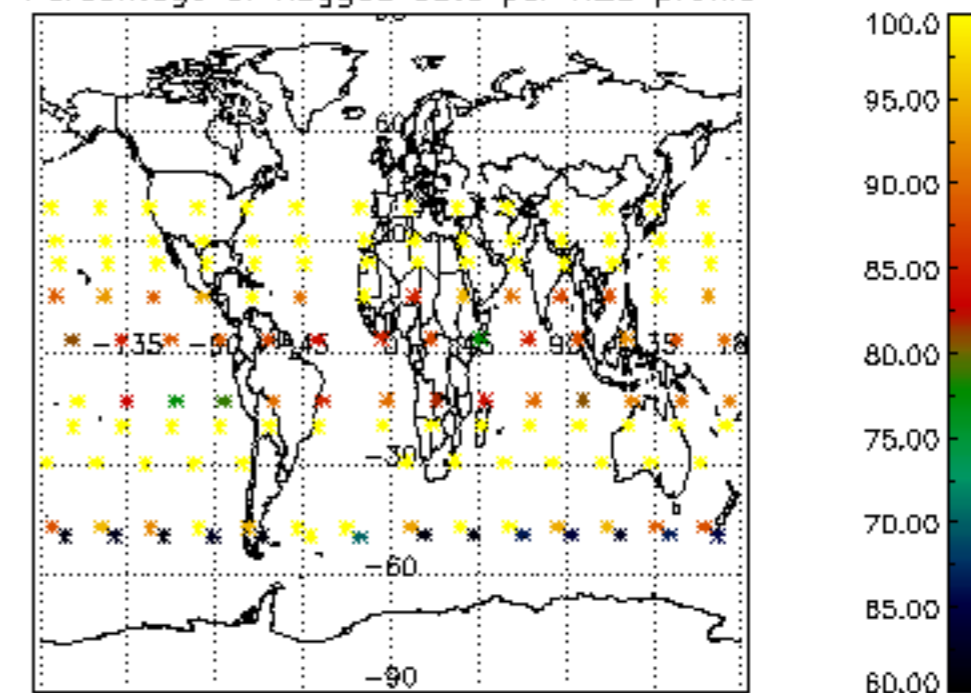
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	27-JAN-2007 00:11:22
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-JAN-2007 00:11:22
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-JAN-2007 00:11:22



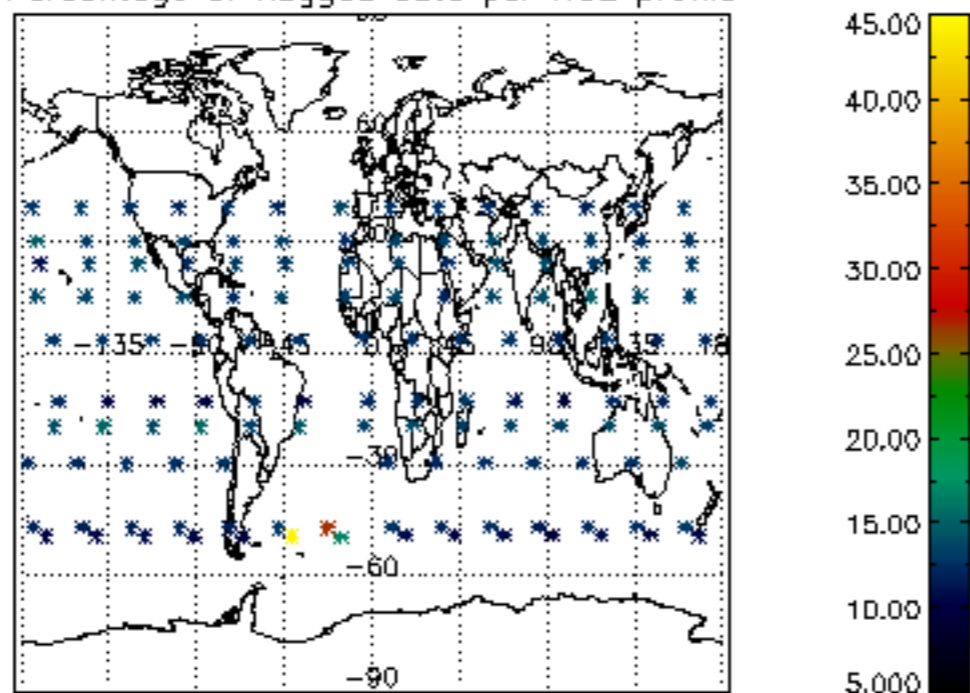
Percentage of flagged data per D3 profile



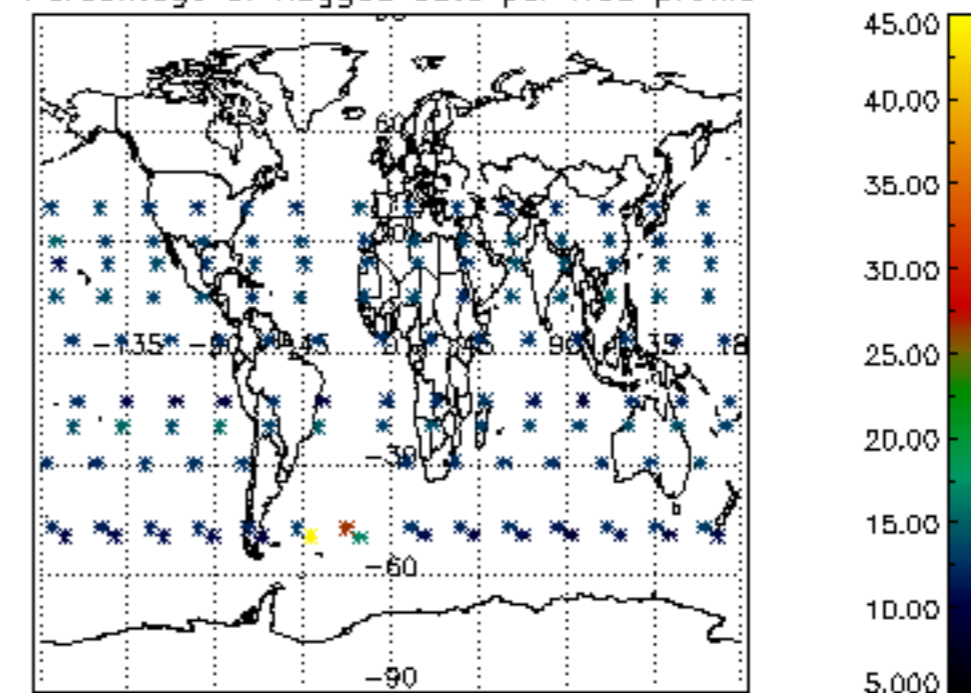
Percentage of flagged data per H2O profile

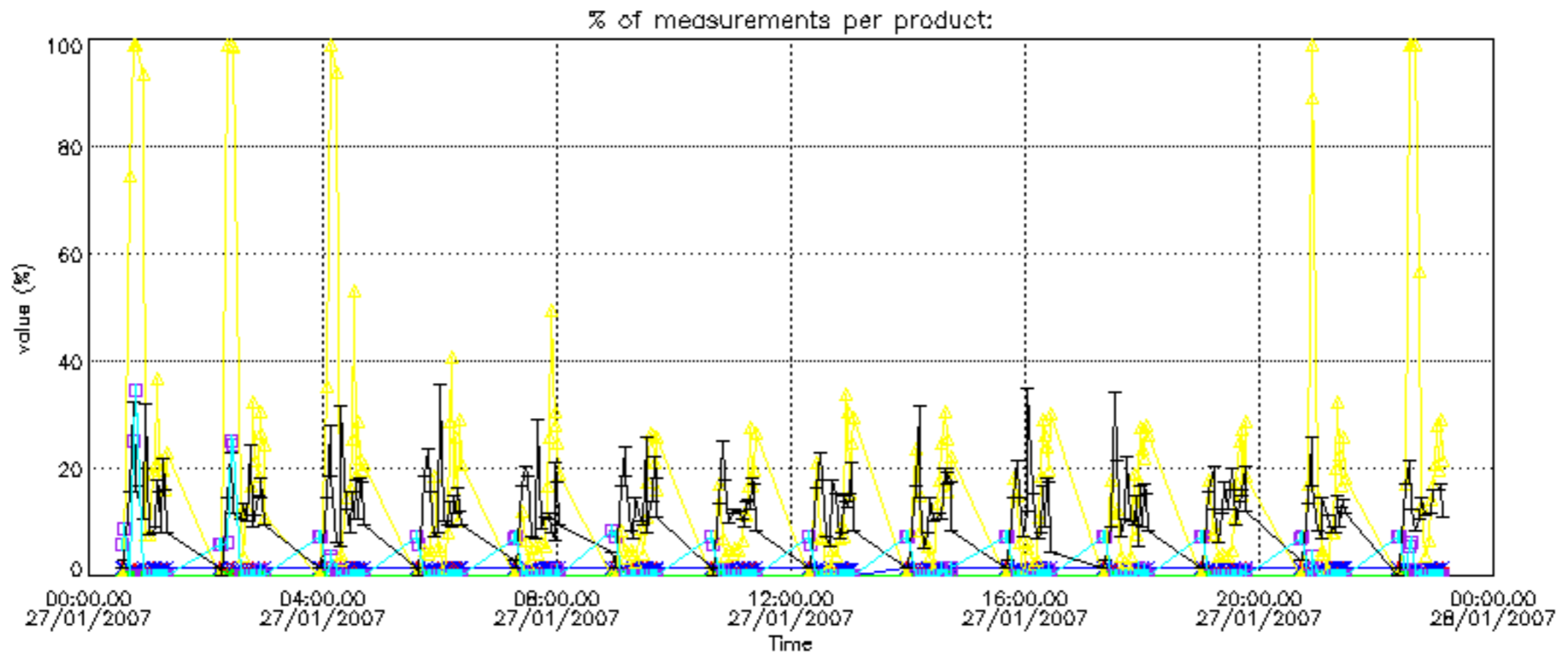


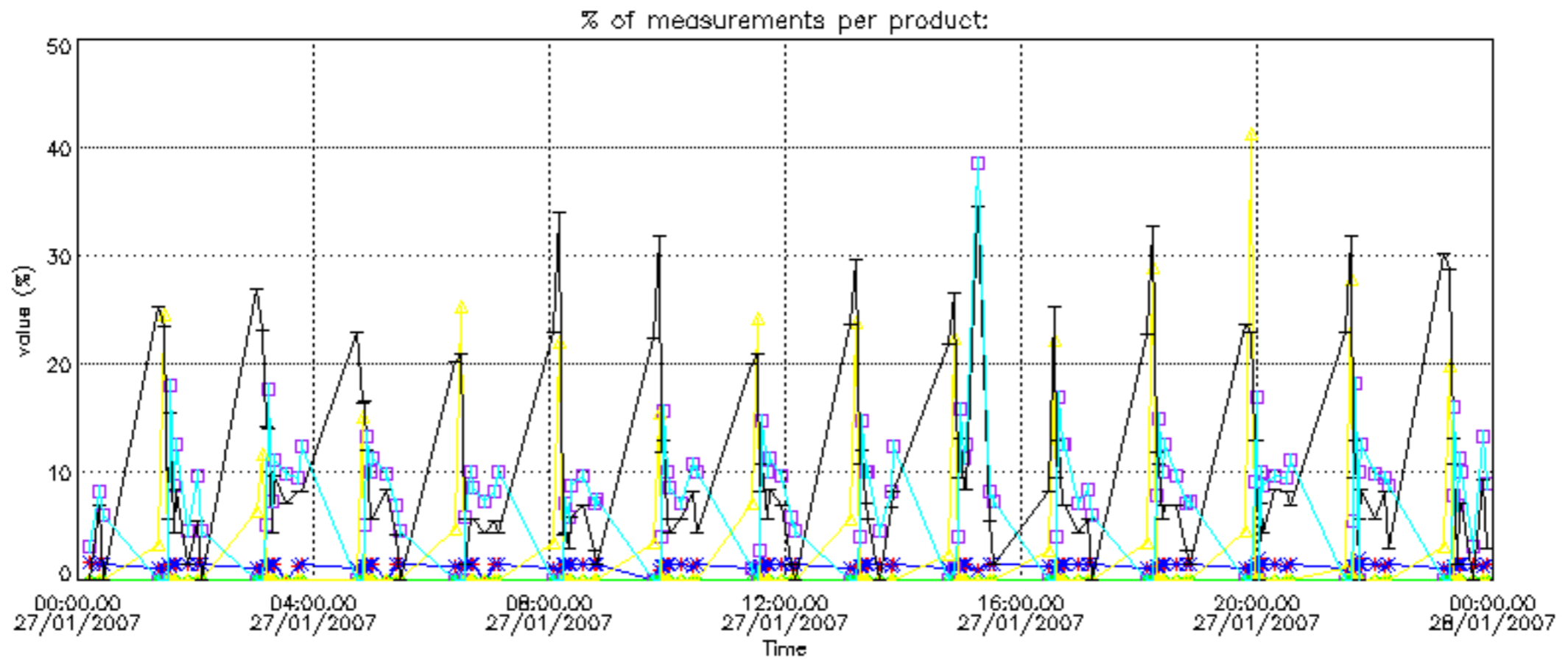
Percentage of flagged data per NO2 profile



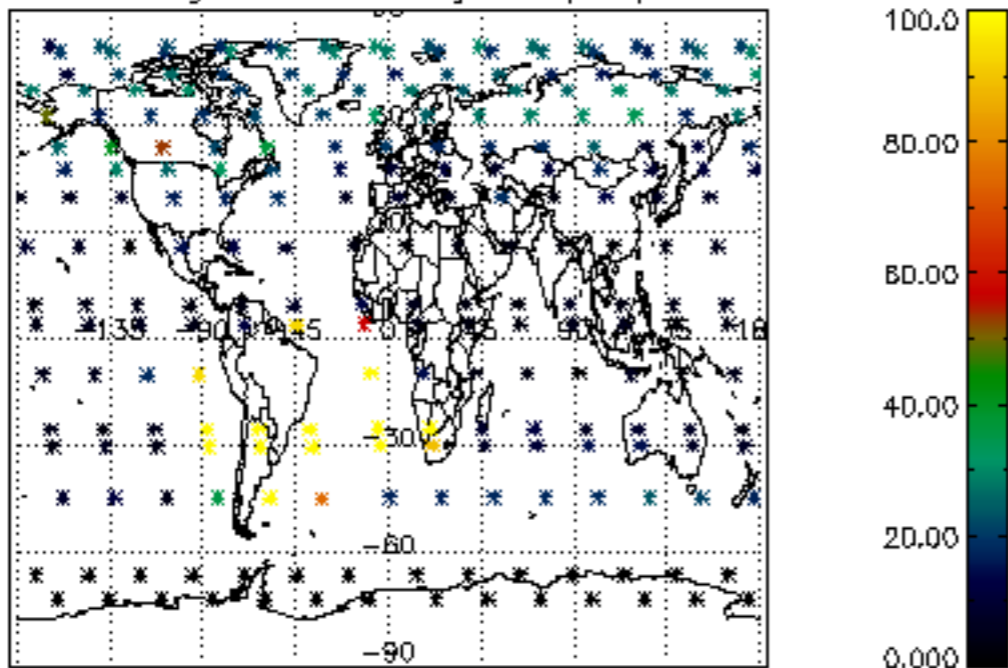
Percentage of flagged data per NO3 profile



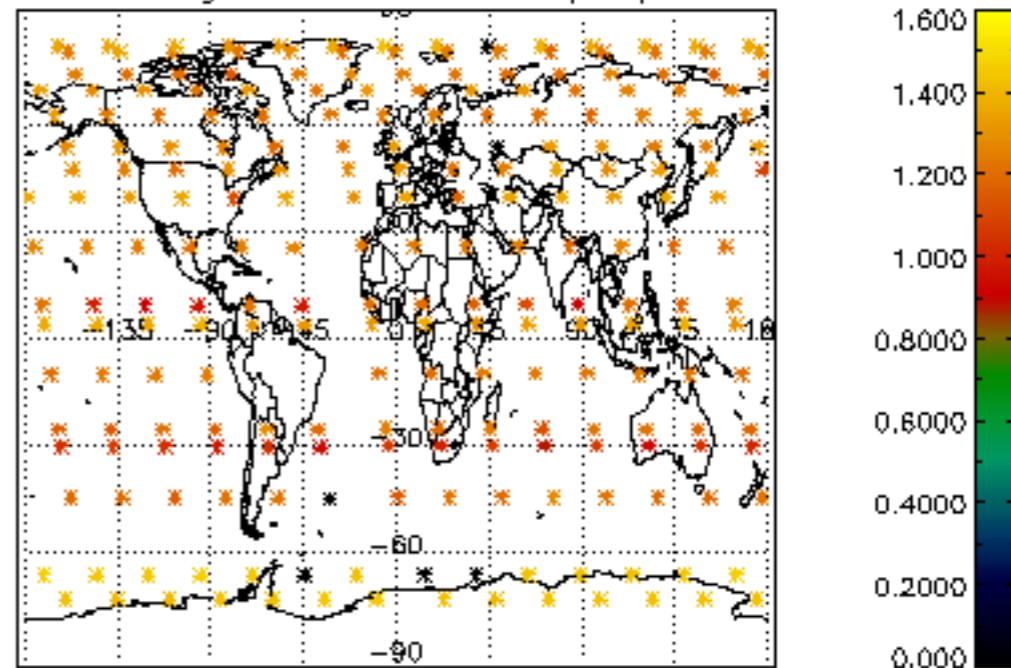




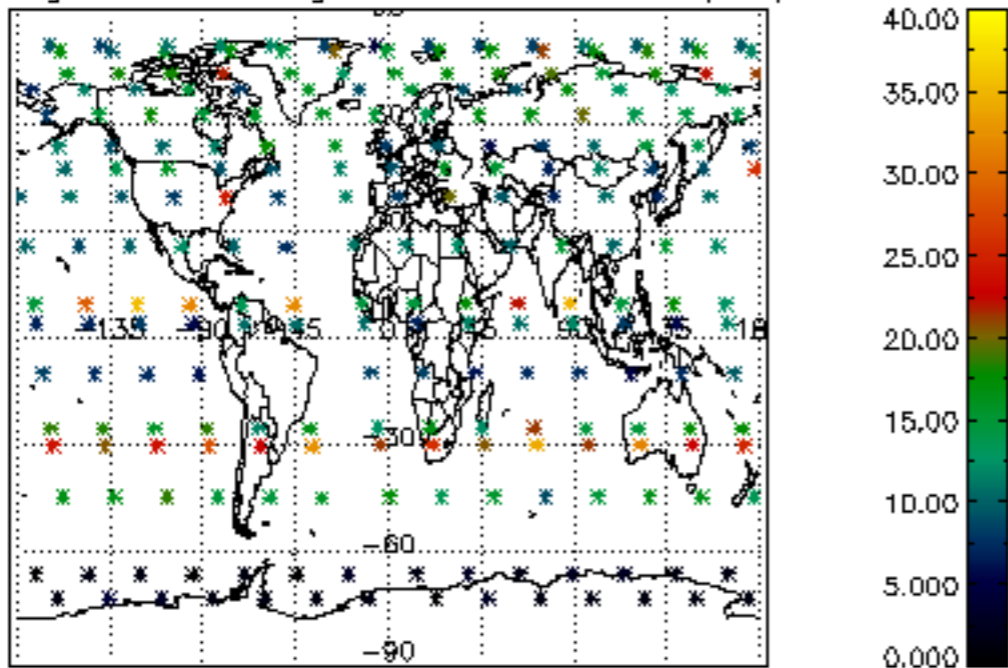
Percentage of cosmic ray hits per profile



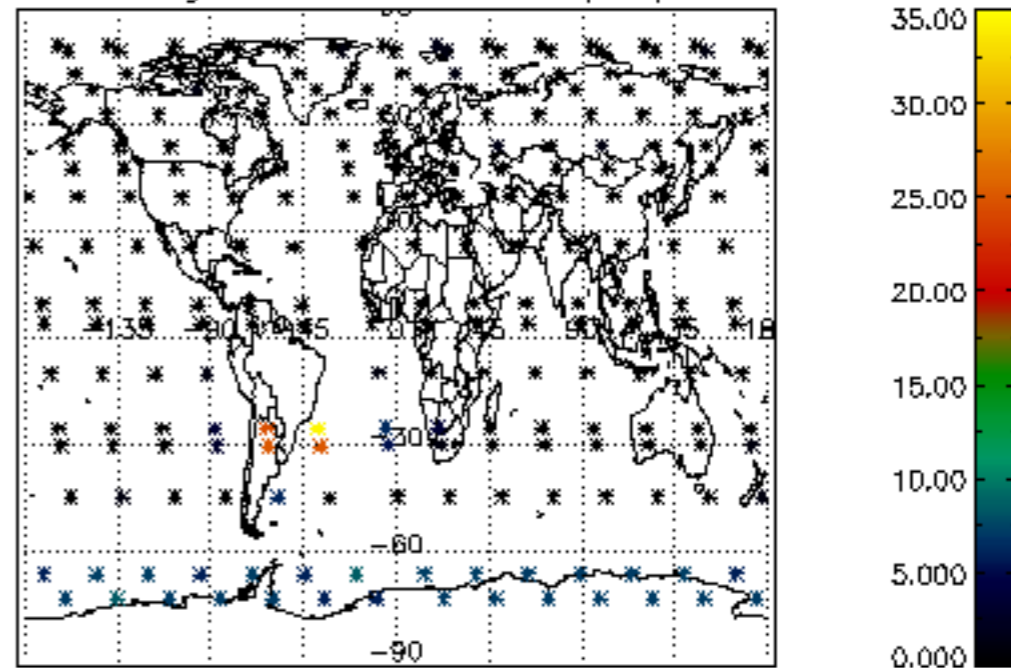
Percentage of datation errors per profile



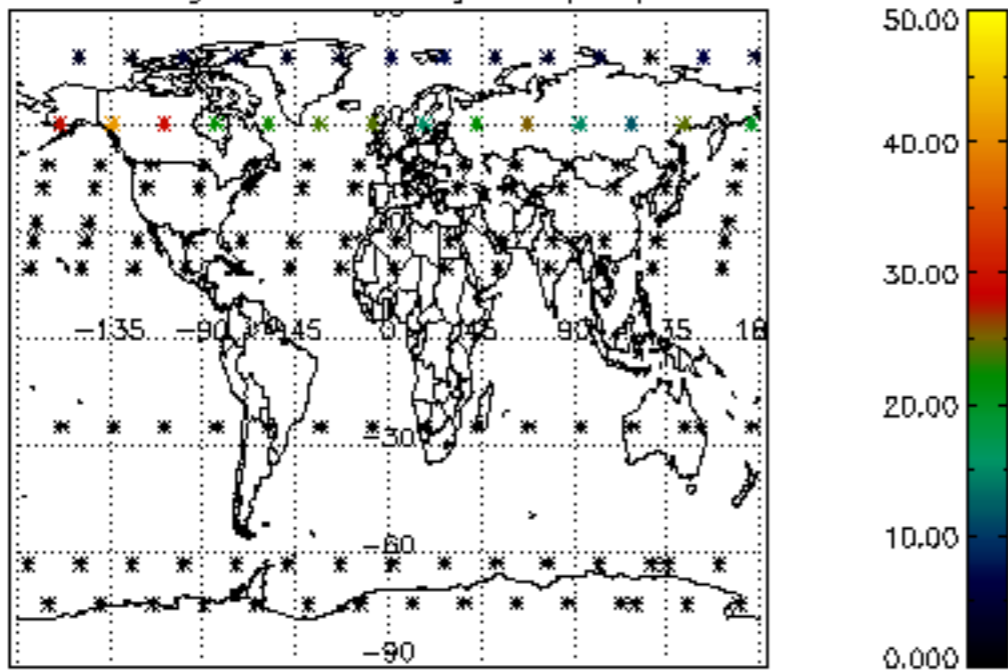
Percentage of star falling outside central band per profile



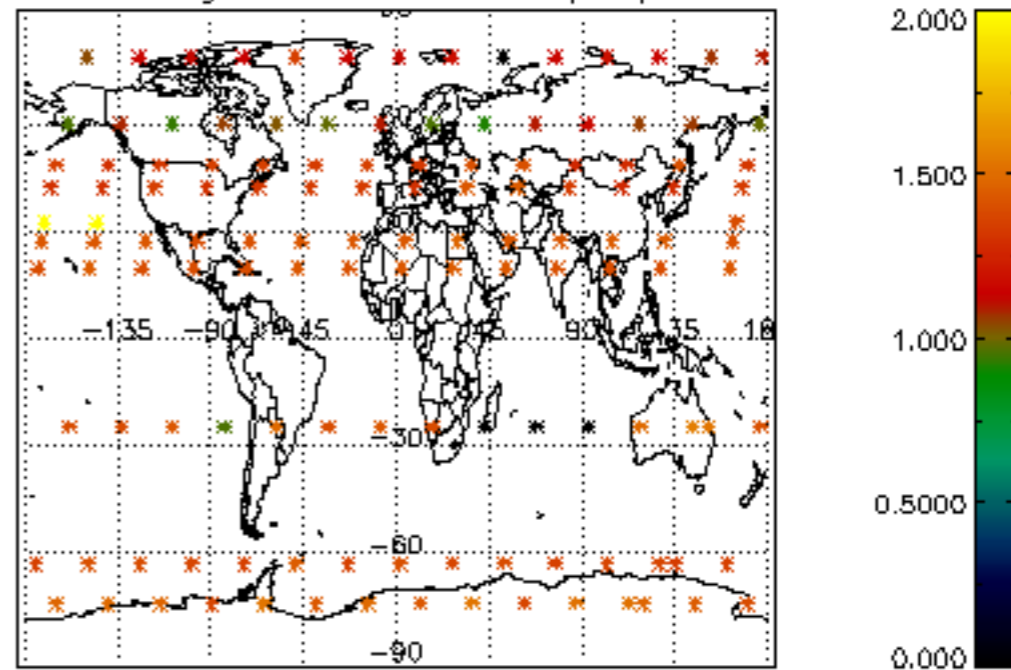
Percentage of saturation errors per profile



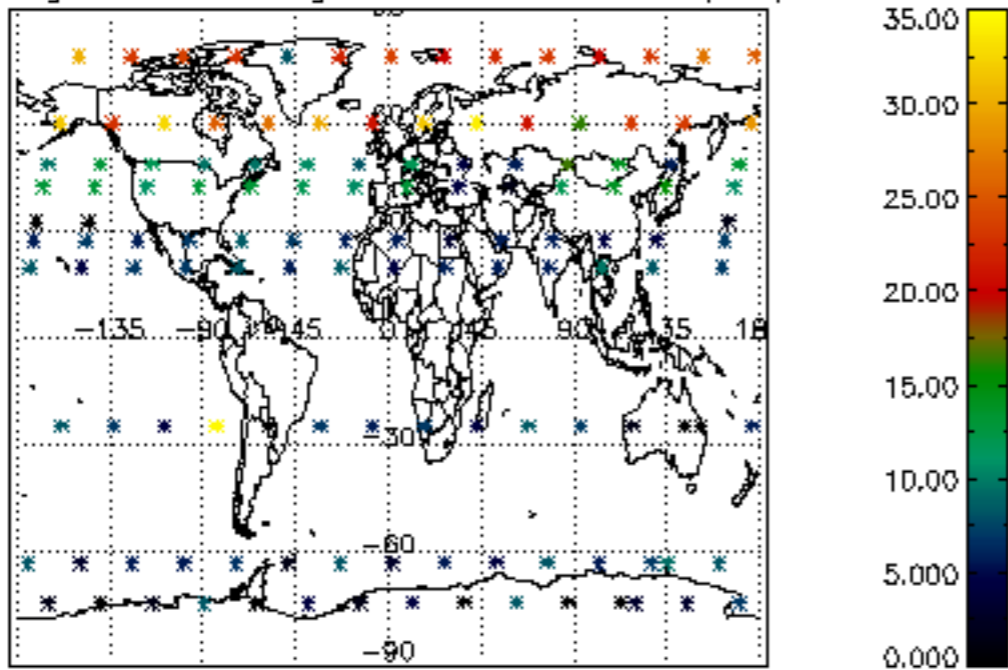
Percentage of cosmic ray hits per profile



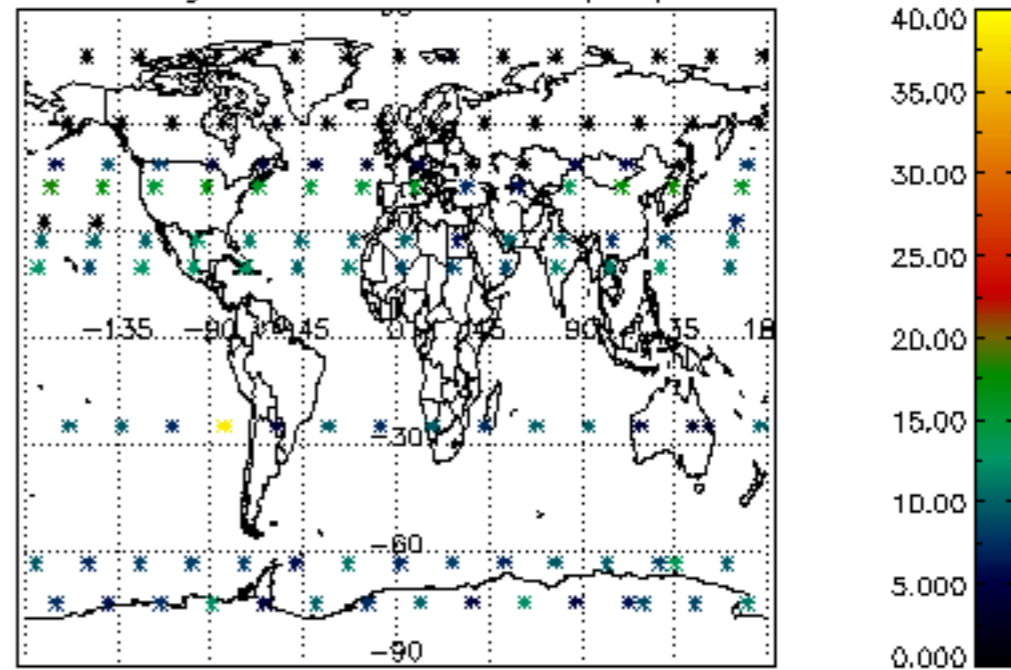
Percentage of datation errors per profile

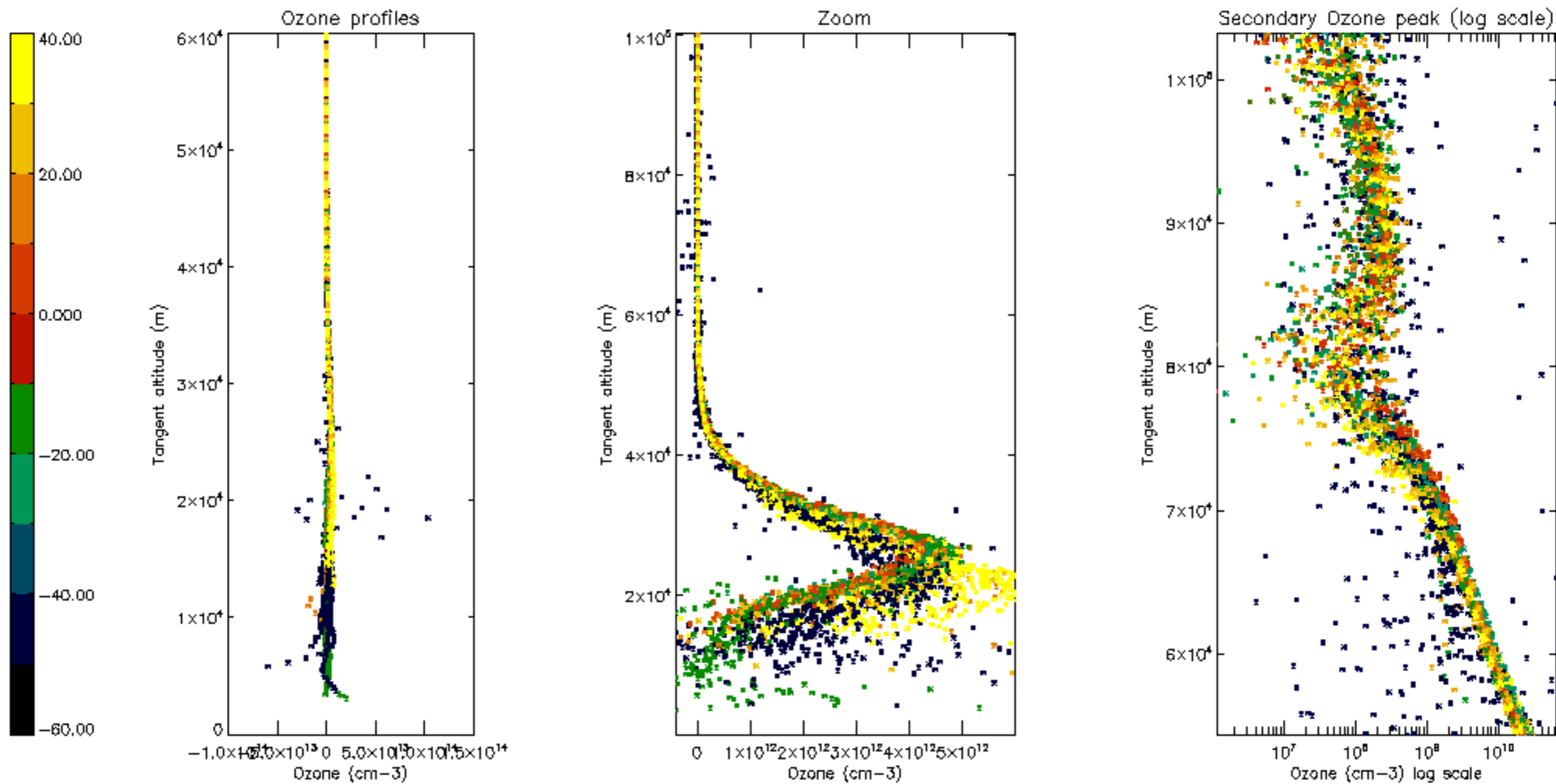


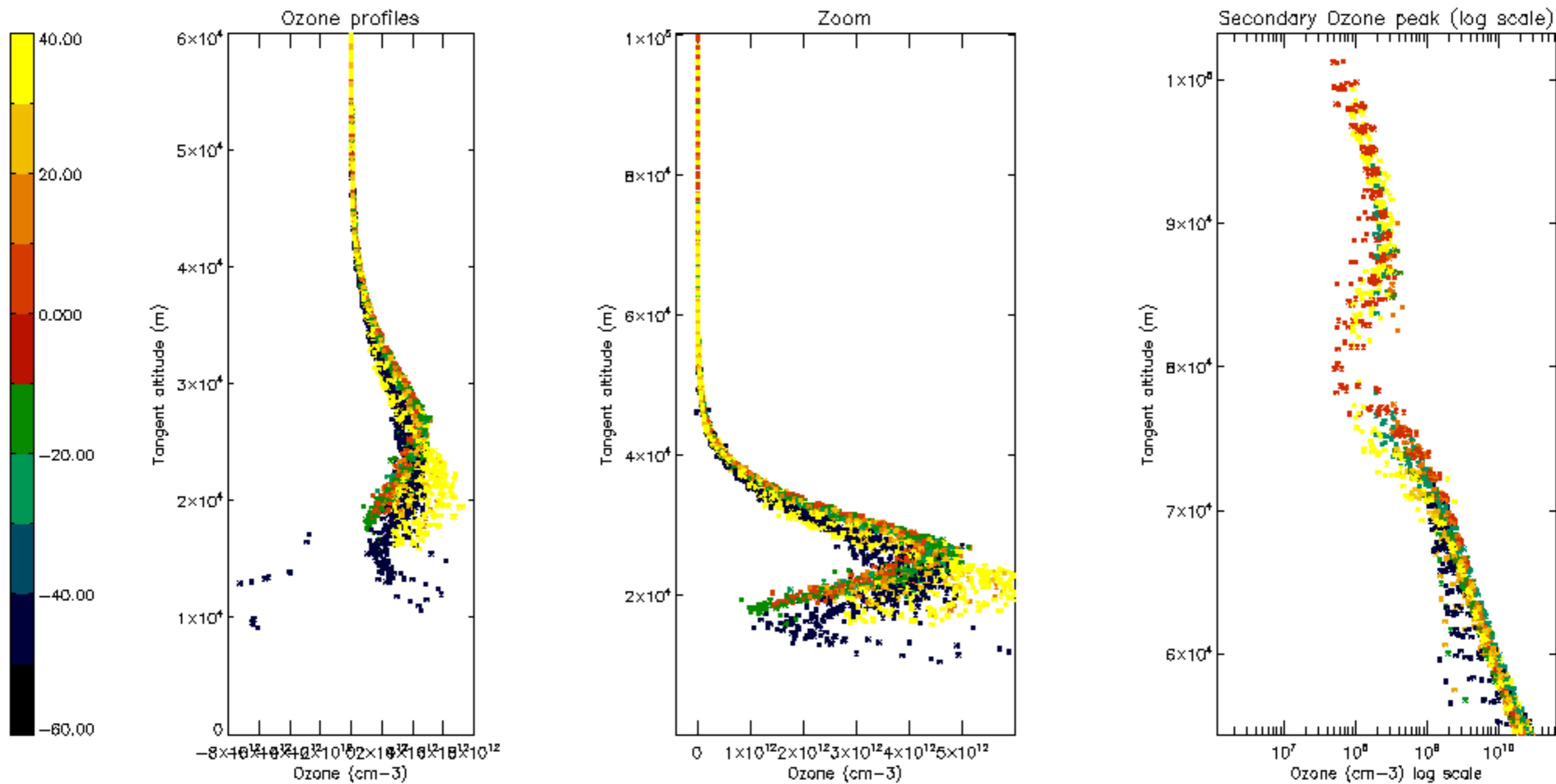
Percentage of star falling outside central band per profile

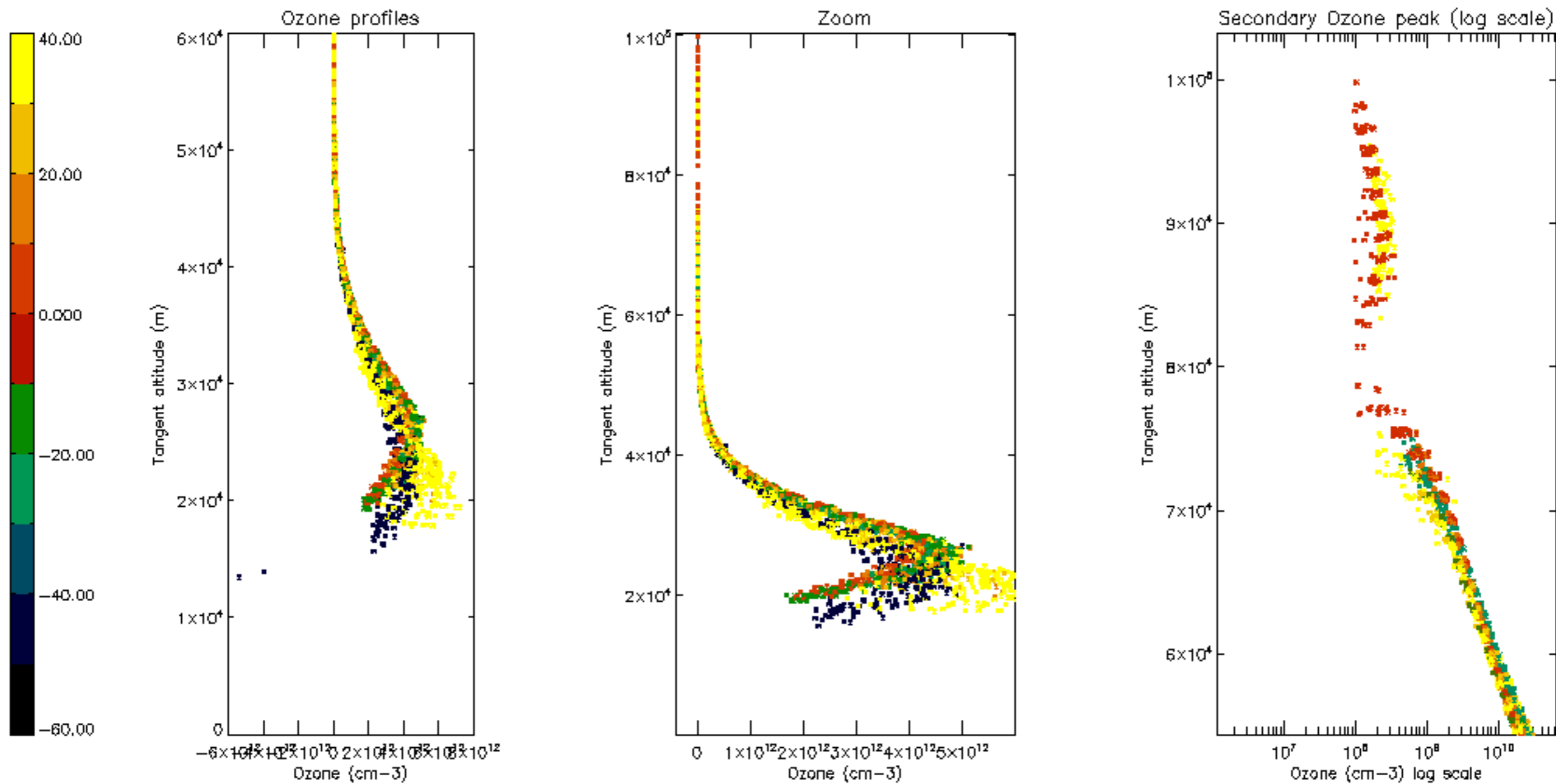


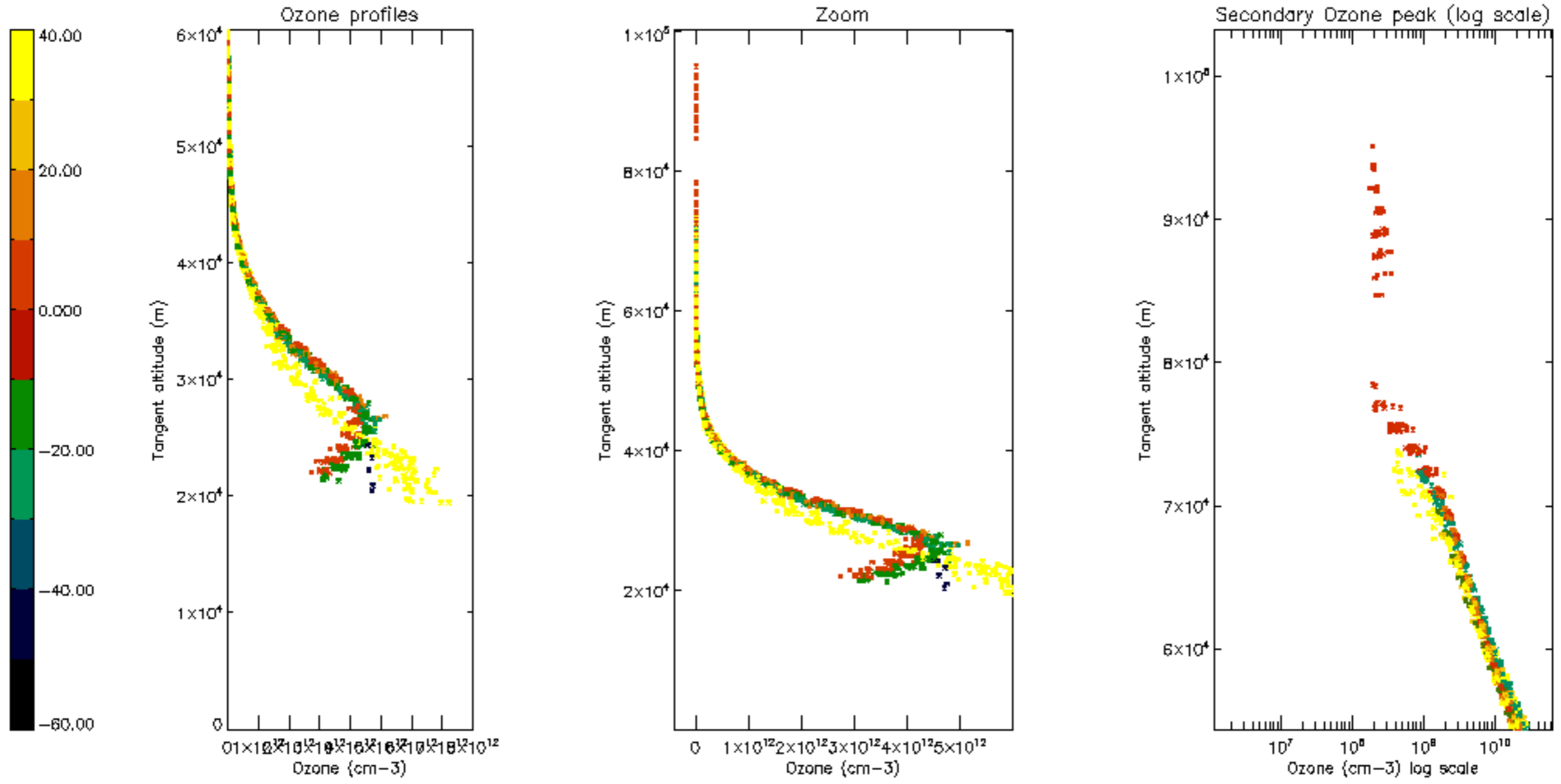
Percentage of saturation errors per profile

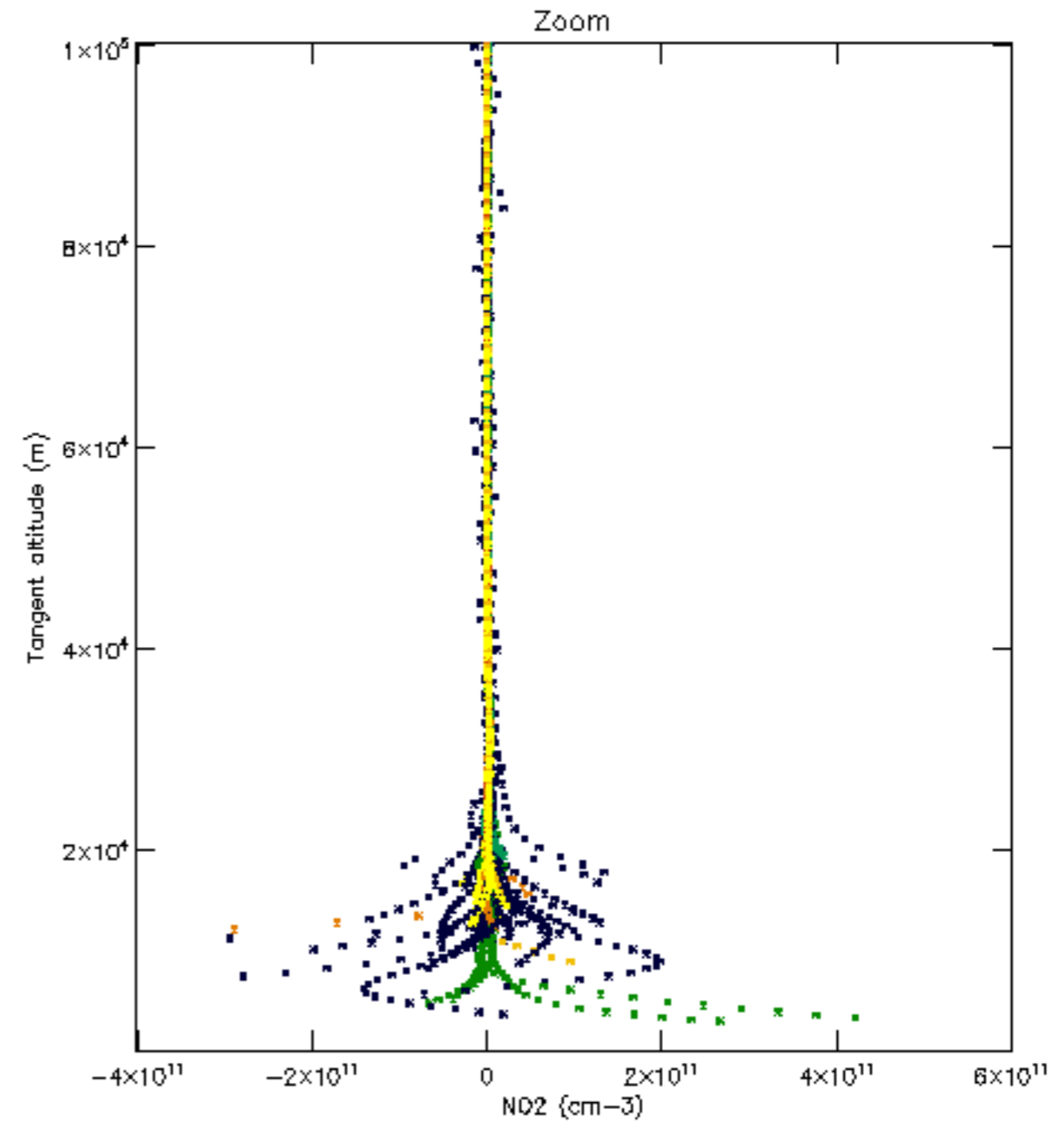
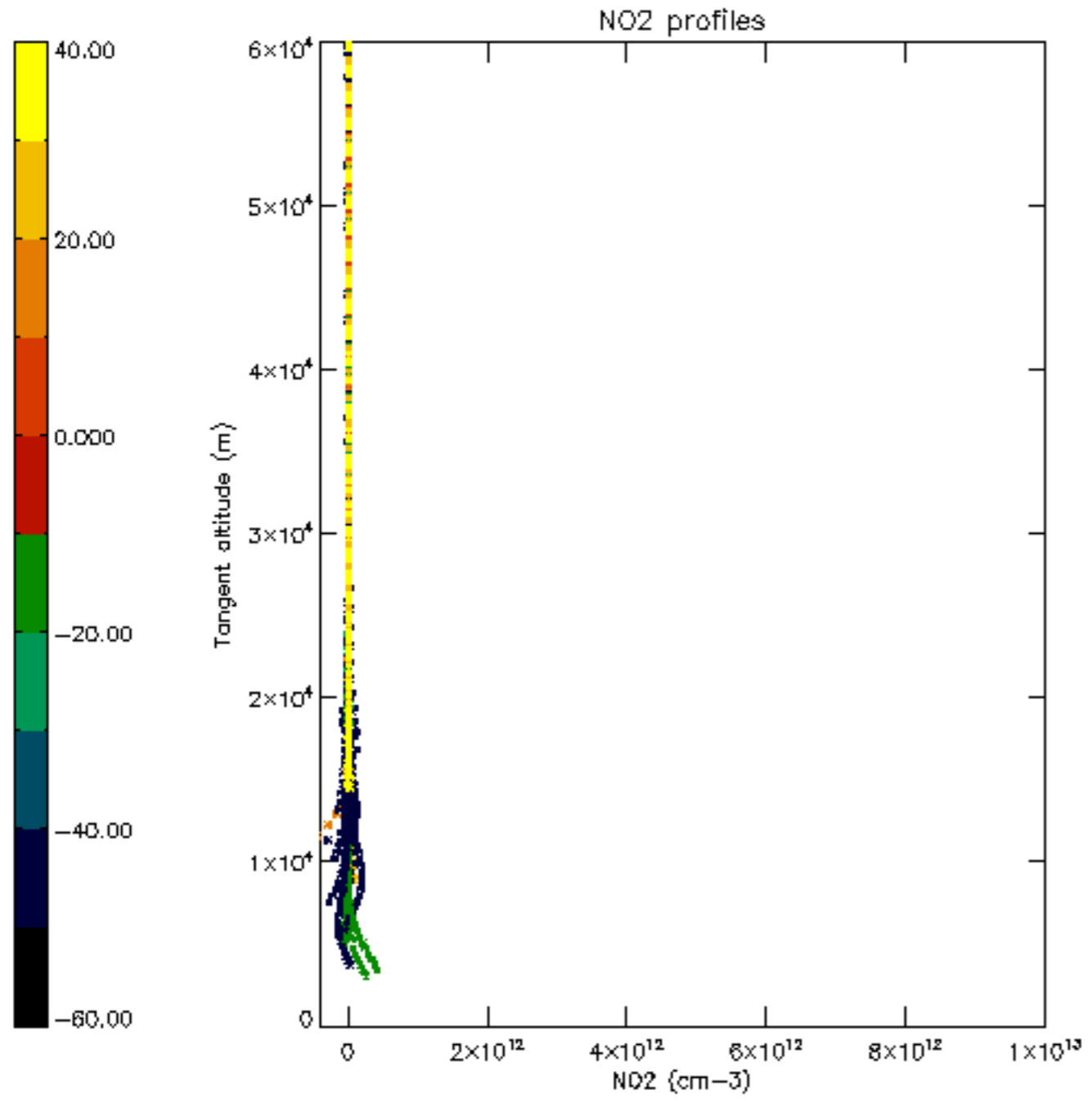


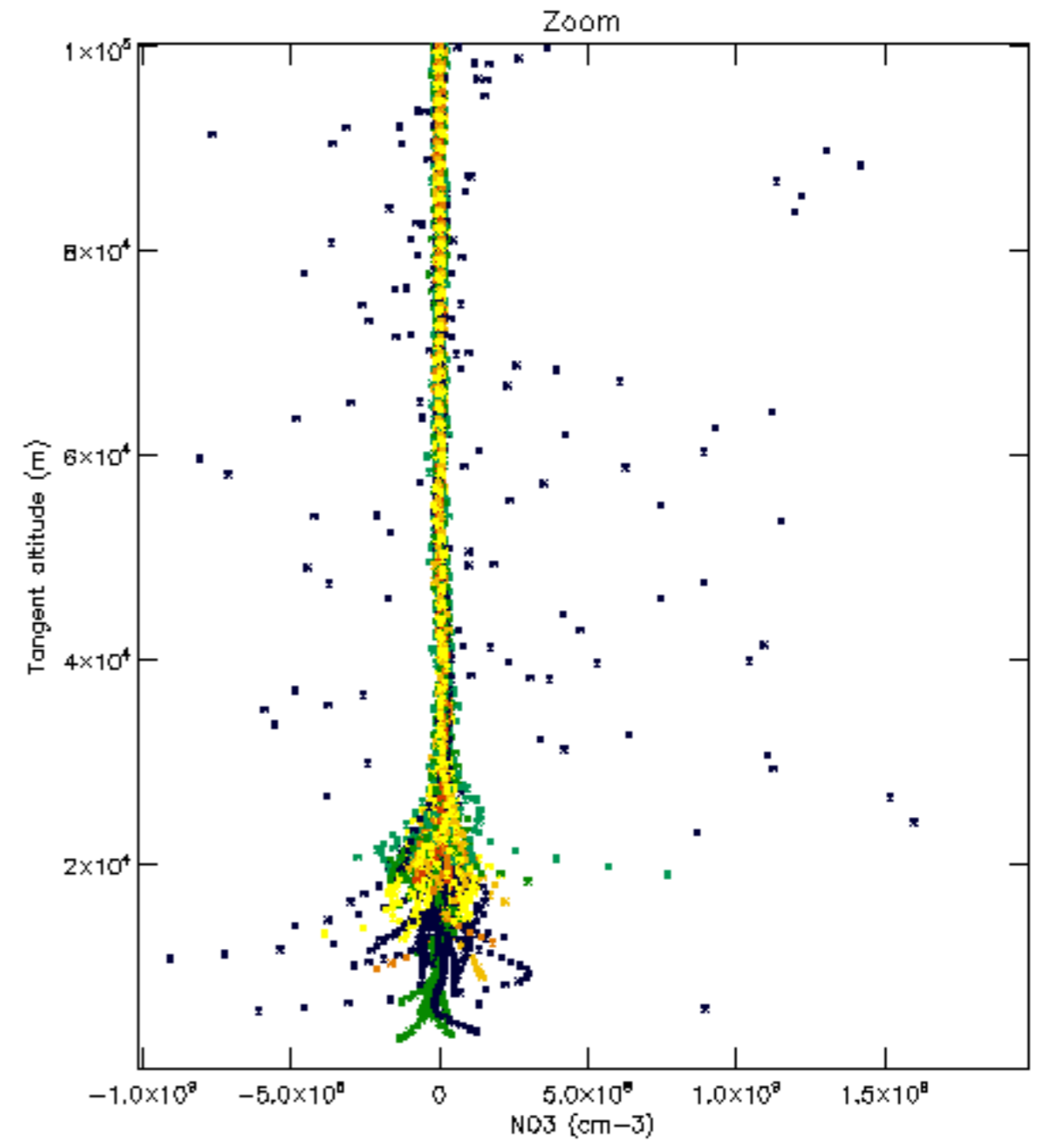
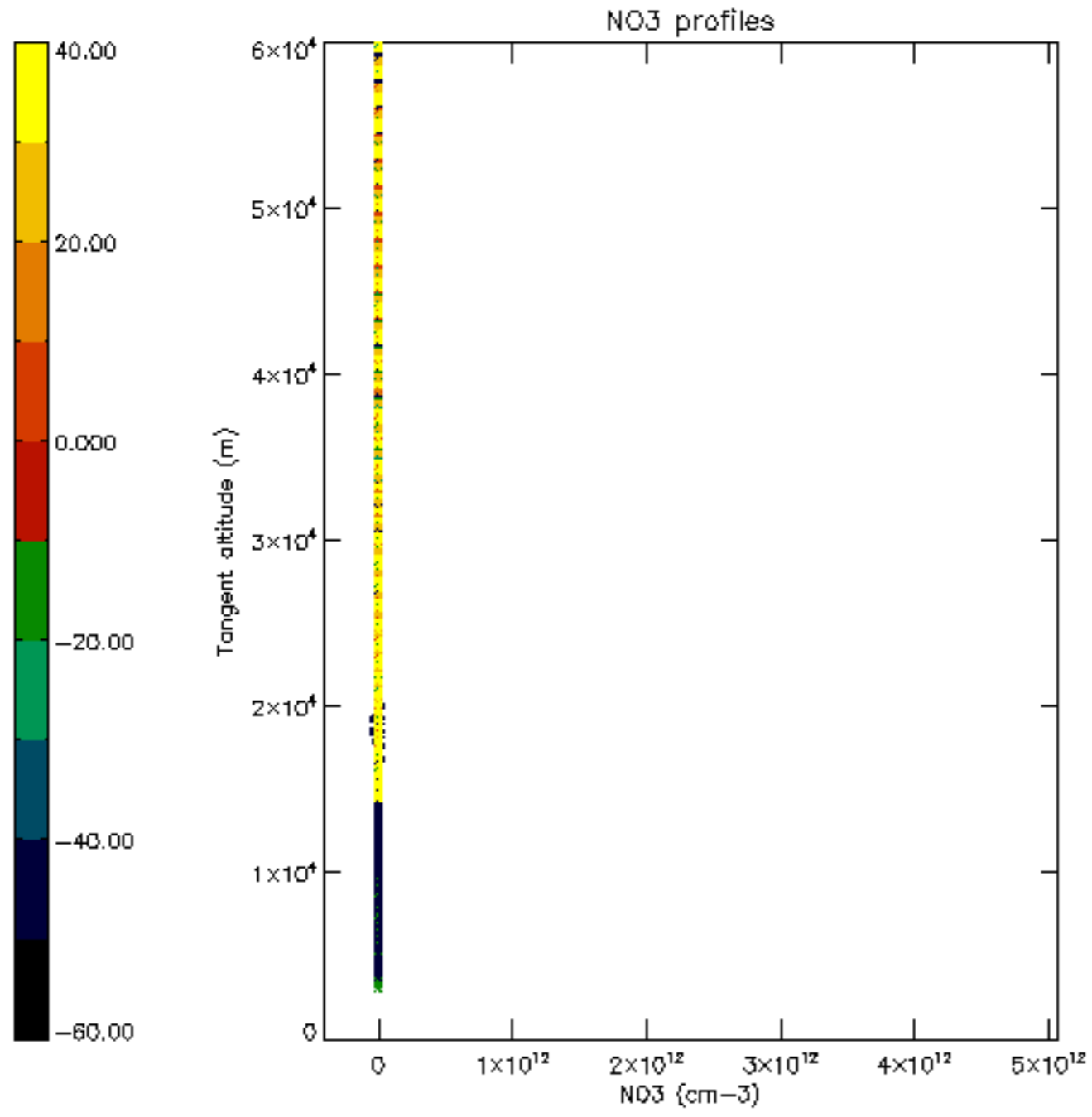


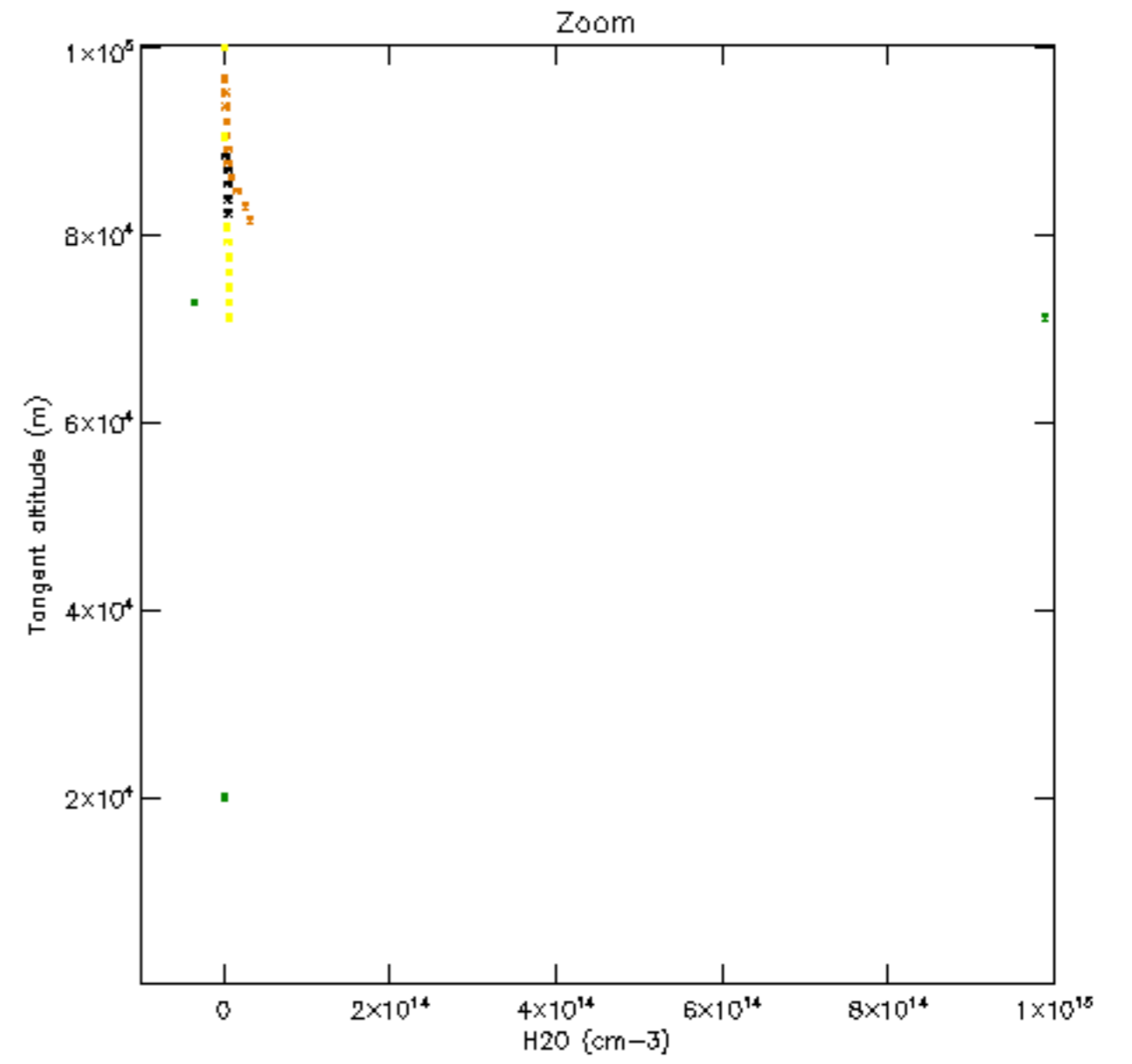
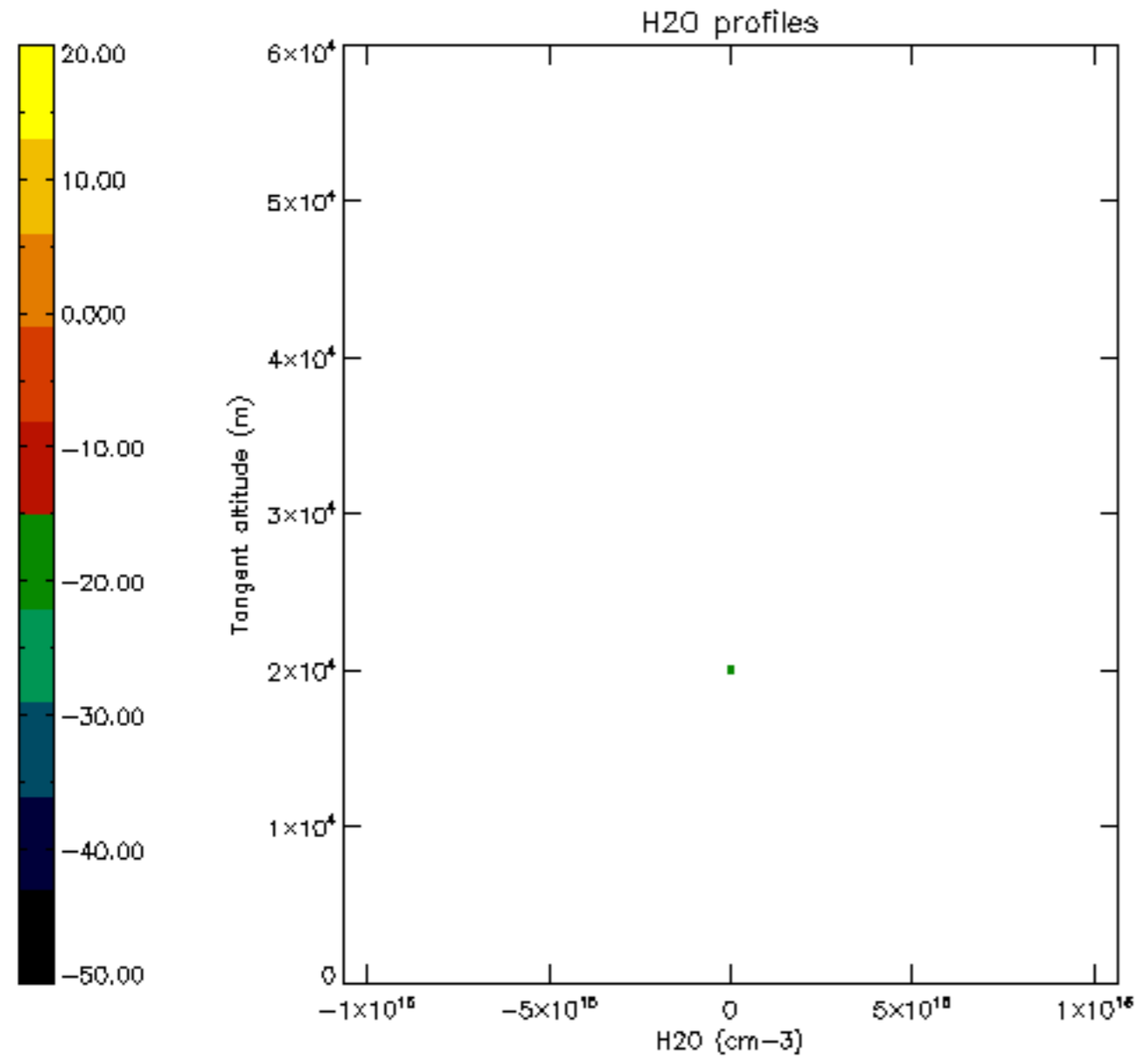


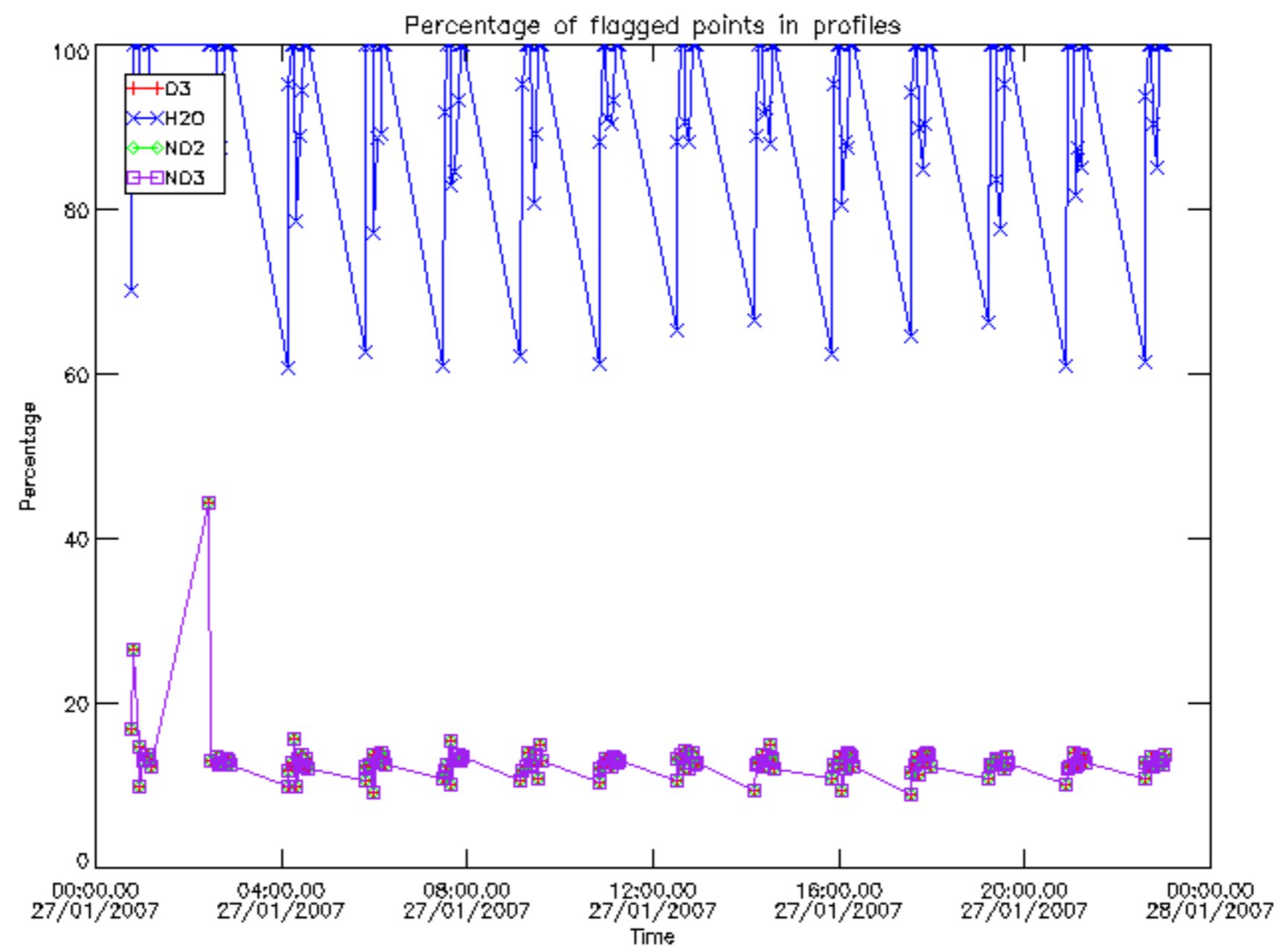




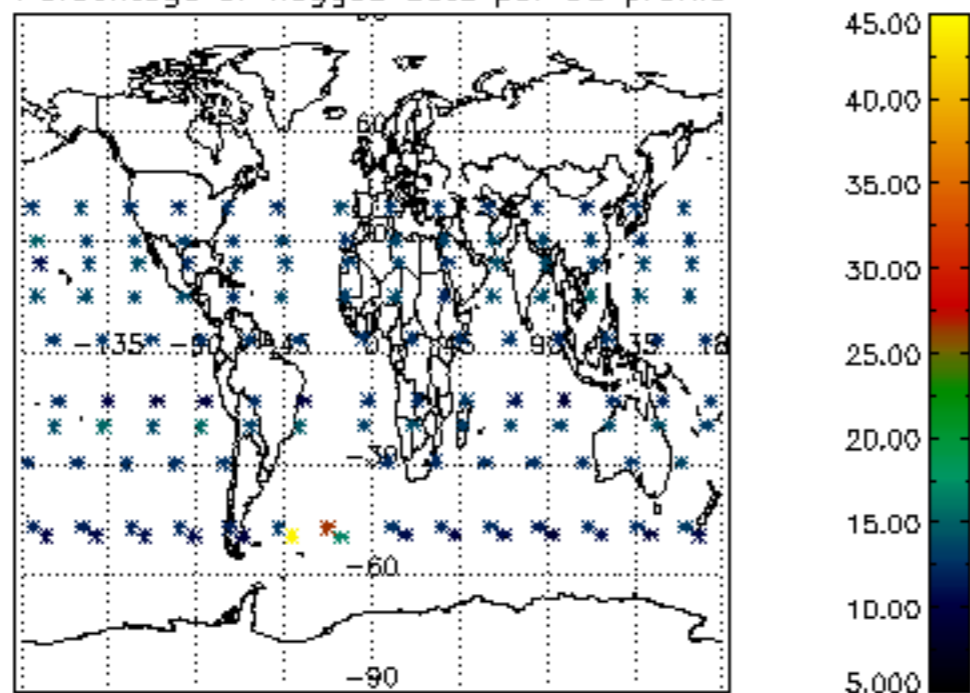




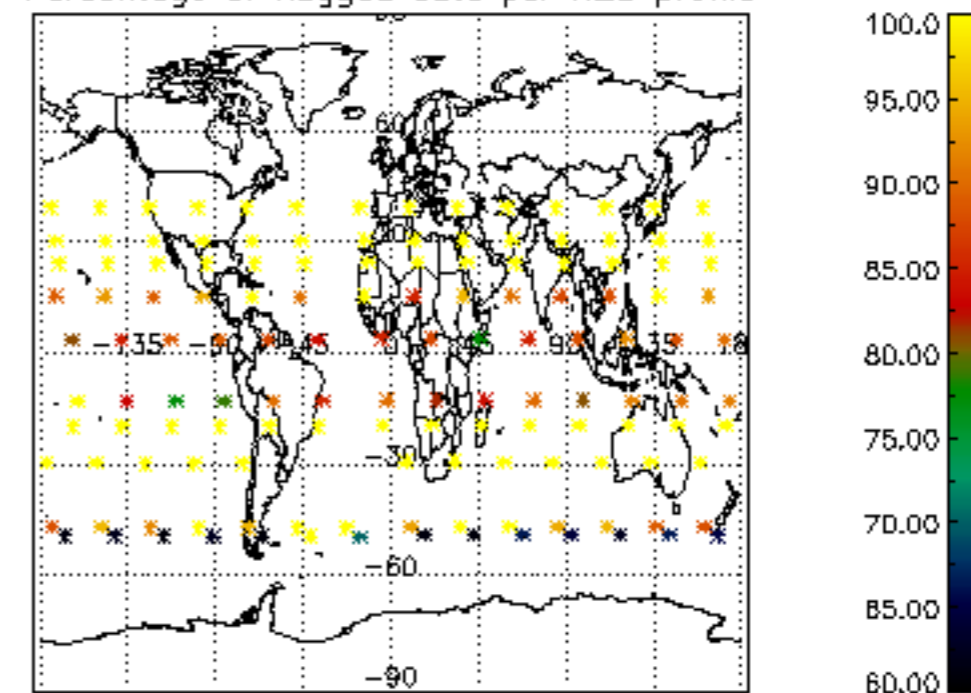




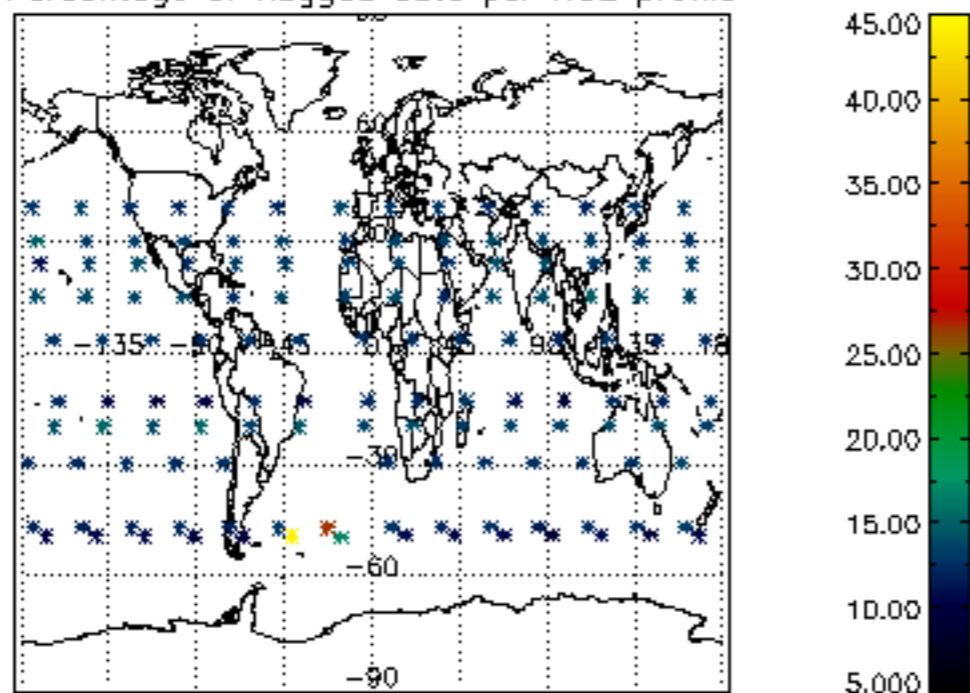
Percentage of flagged data per D3 profile



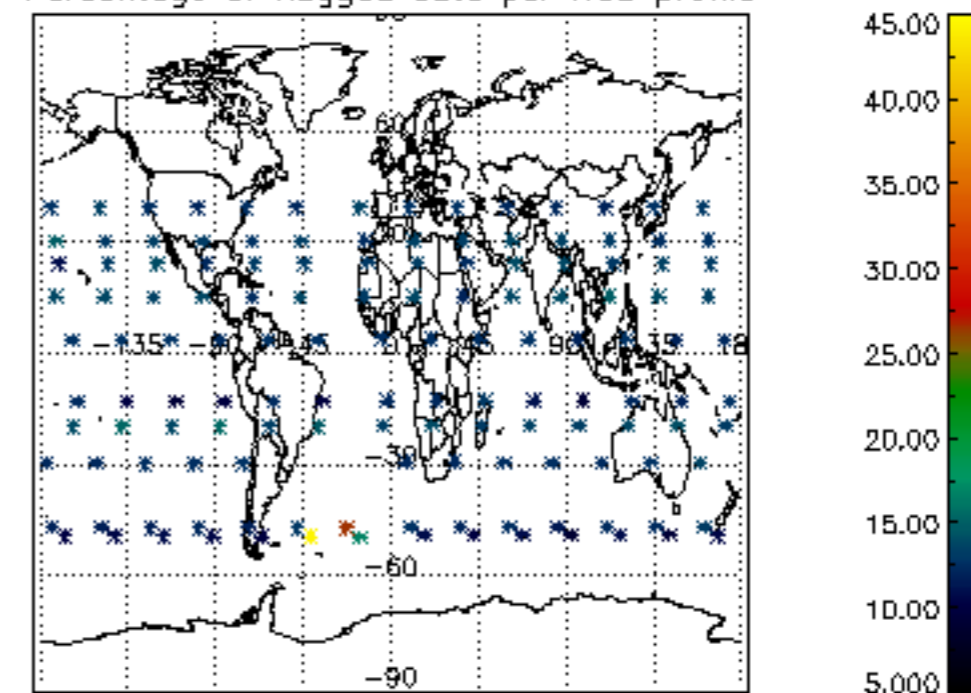
Percentage of flagged data per H2O profile

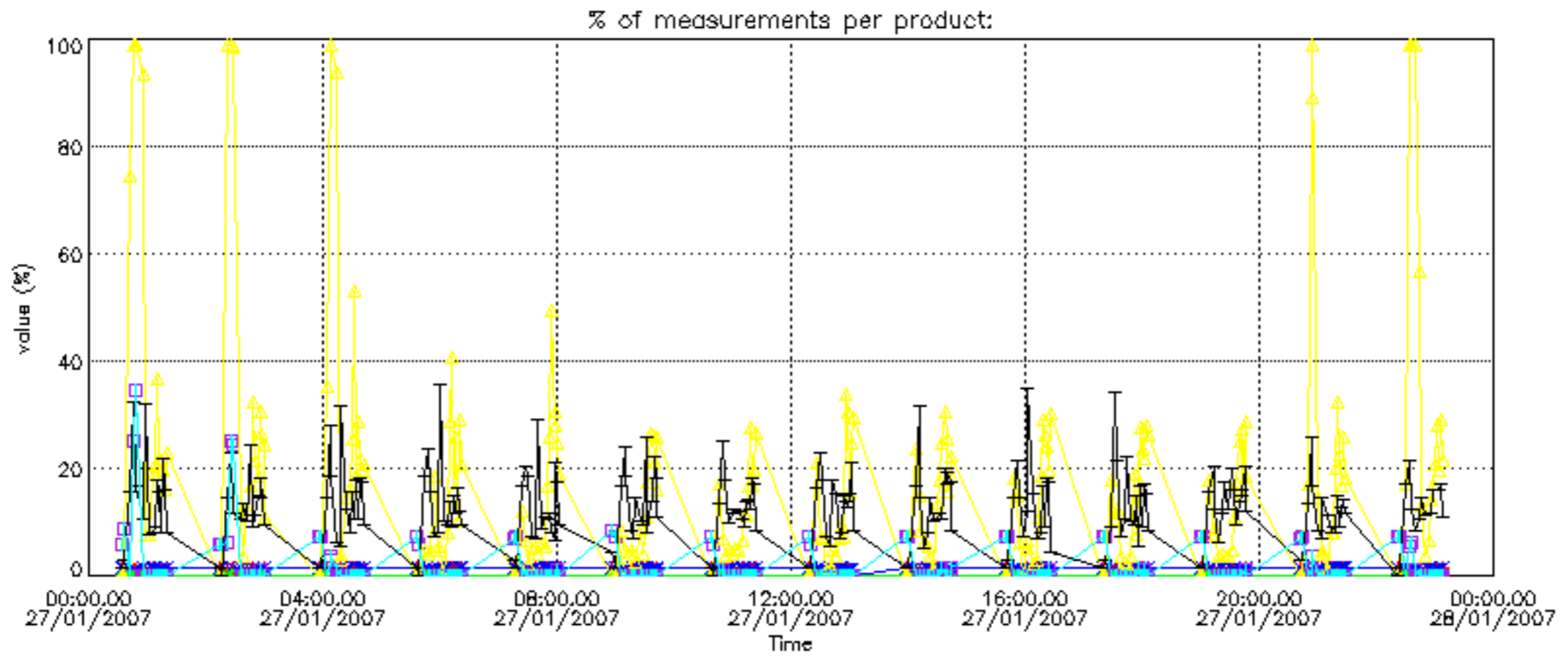


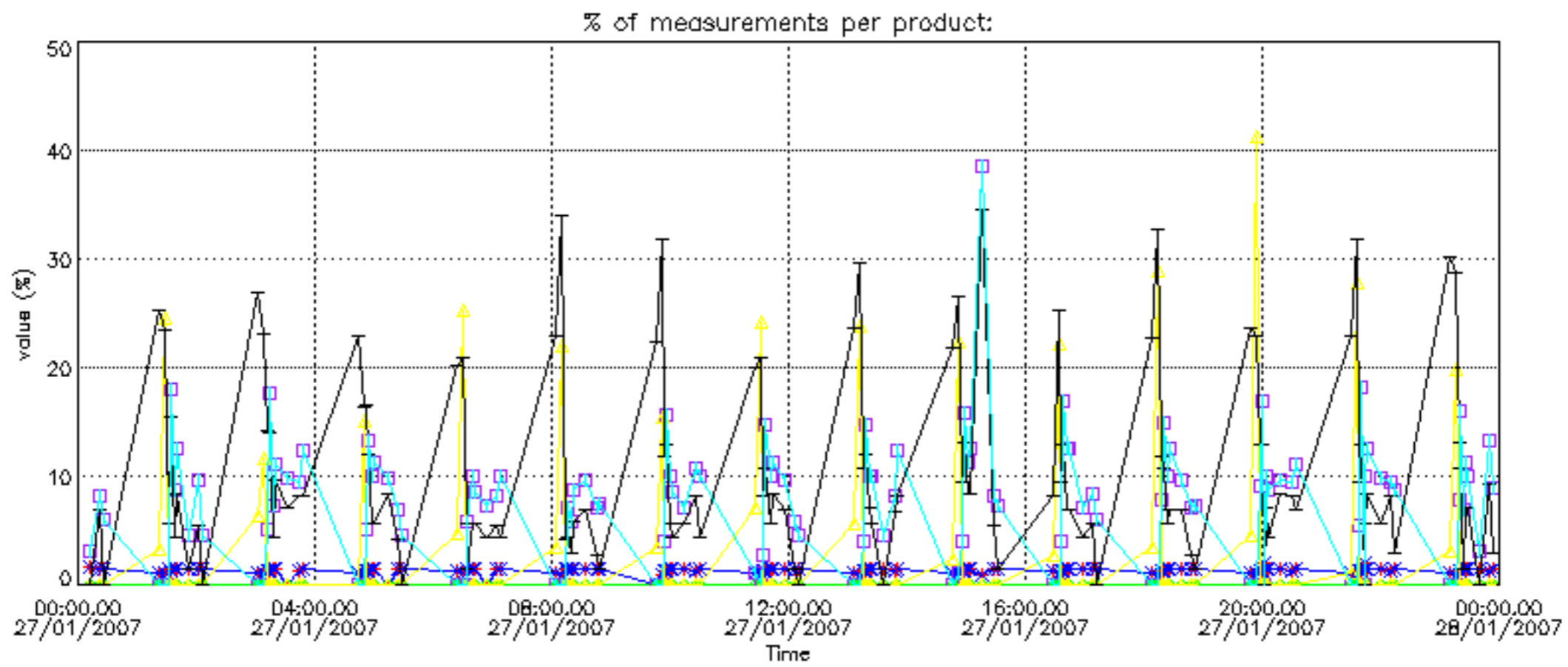
Percentage of flagged data per NO2 profile



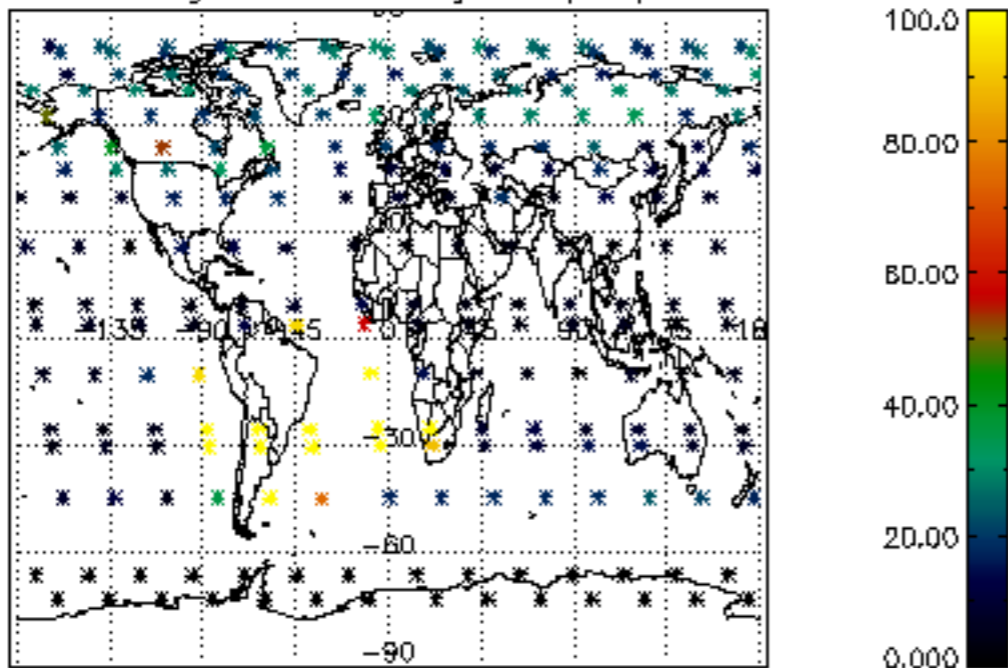
Percentage of flagged data per NO3 profile



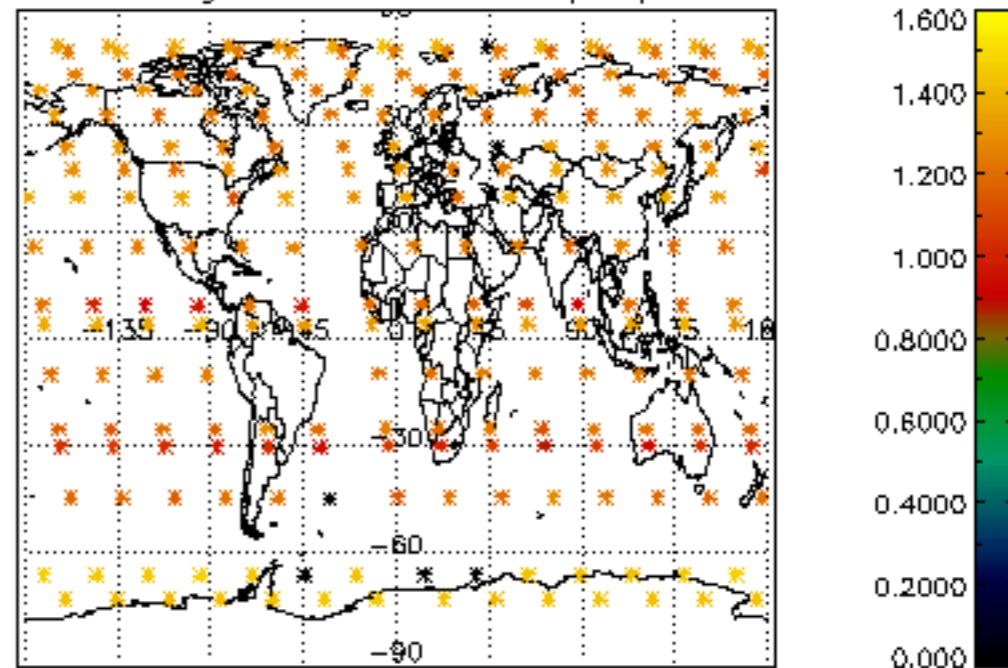




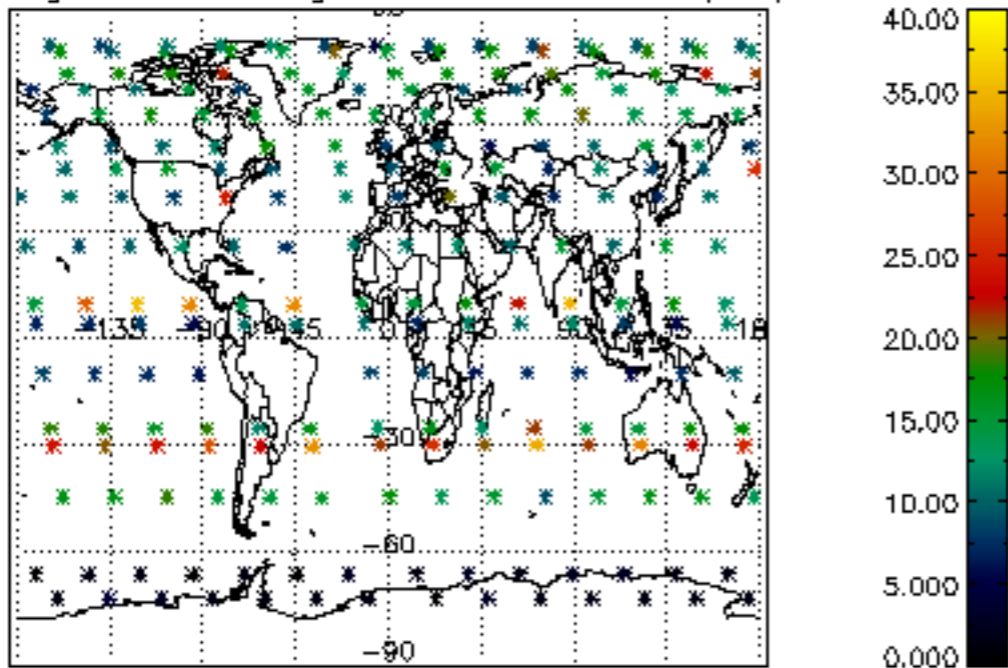
Percentage of cosmic ray hits per profile



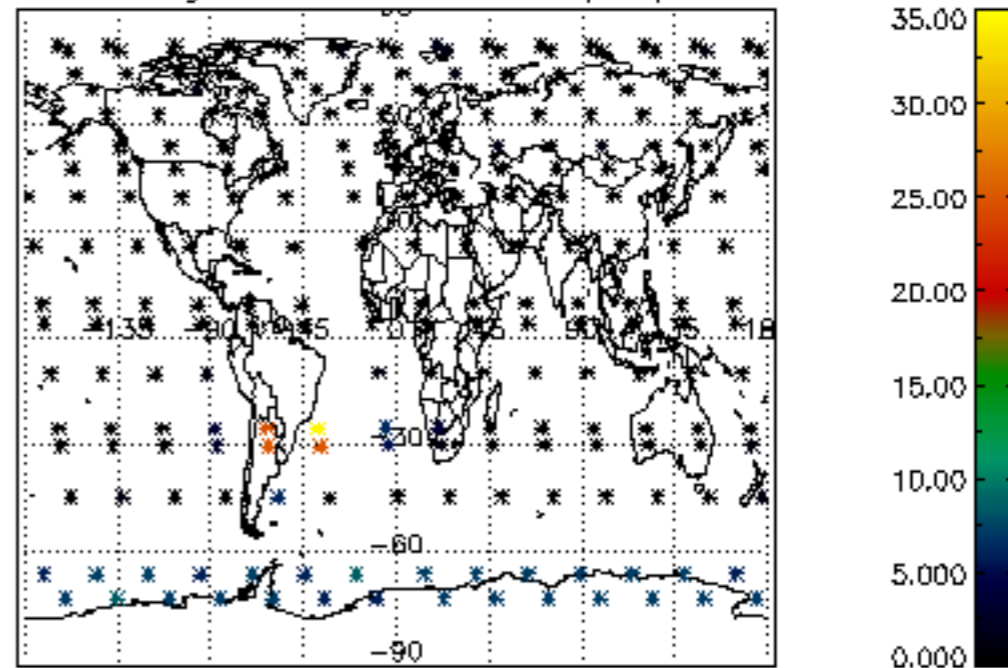
Percentage of datation errors per profile



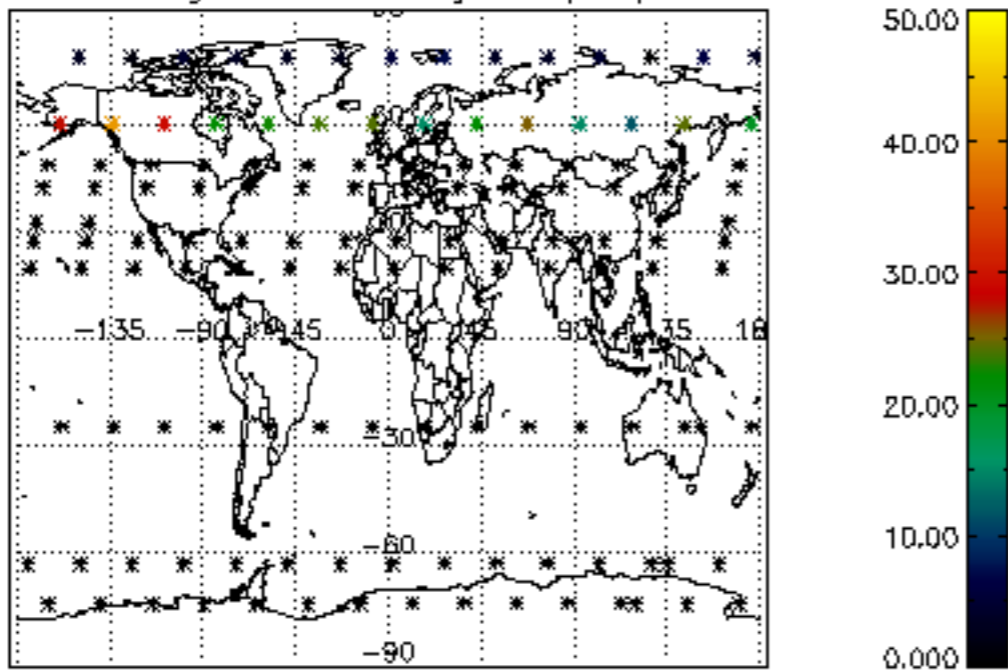
Percentage of star falling outside central band per profile



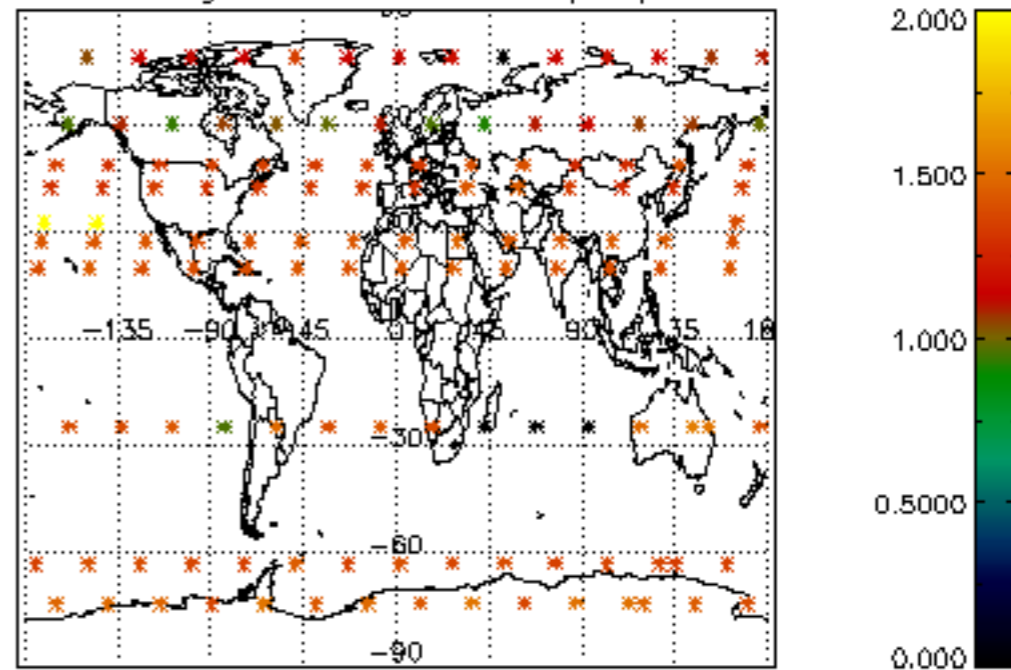
Percentage of saturation errors per profile



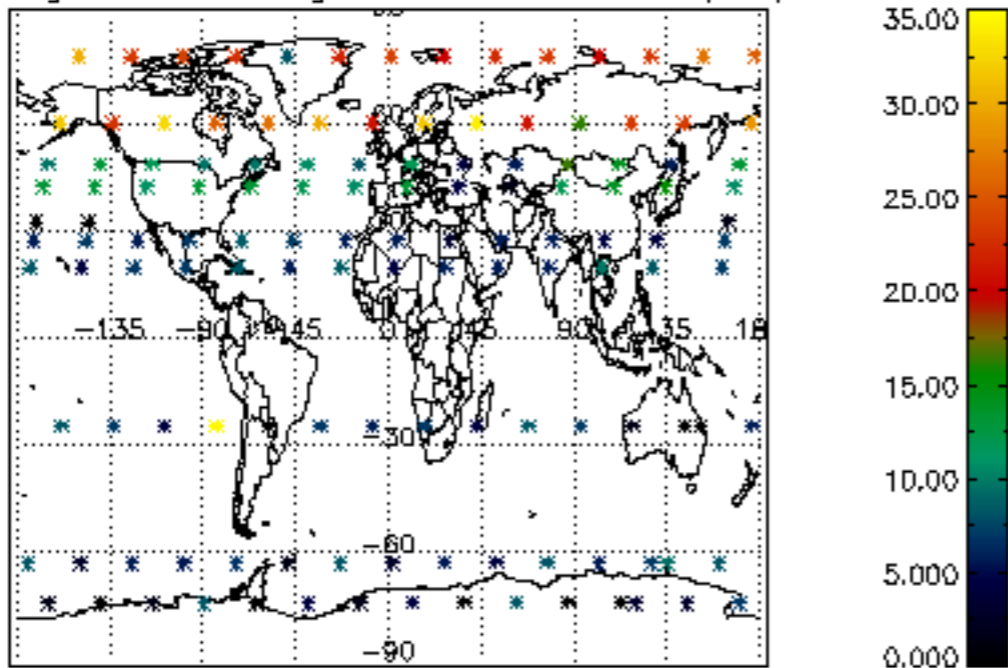
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

