

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	26APR2013 17:25:52
Data source version	GOMOS/6.01
Start time of products	15-02-2010 (15FEB2010 00:00:00)
Stop time of products	16-02-2010 (16FEB2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	242
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__2PRFIN20100215_000143_000000532086_00488_41624_5170.N1	15-FEB-2010 00:01:43	Dark	52.500	86	35Eta Oph	2.4300	10200.	105	41624	No
2	GOM_NL__2PRFIN20100215_000605_000000452086_00488_41624_5171.N1	15-FEB-2010 00:06:05	Dark	44.500	25	35Lam Sco	1.6200	28000.	89	41624	No
3	GOM_NL__2PRFIN20100215_001802_000000492086_00489_41625_5168.N1	15-FEB-2010 00:18:02	Dark	49.000	10	Bet Cen	0.61000	28000.	98	41625	No
4	GOM_NL__2PRFIN20100215_001922_000000442086_00489_41625_5169.N1	15-FEB-2010 00:19:22	Dark	43.500	77	Eps Cen	2.3030	28000.	87	41625	No
5	GOM_NL__2PRFIN20100215_002107_000000502086_00489_41625_5170.N1	15-FEB-2010 00:21:07	Dark	50.000	12	Alp1Cru	0.77500	30000.	100	41625	No
6	GOM_NL__2PRFIN20100215_002245_000000482086_00489_41625_5171.N1	15-FEB-2010 00:22:45	Dark	48.000	64	Gam Cen	2.2000	10600.	96	41625	No
7	GOM_NL__2PRFIN20100215_004033_000000532086_00489_41625_5172.N1	15-FEB-2010 00:40:33	Straylight	53.000	48	30Alp Hya	1.9770	4100.0	106	41625	No
8	GOM_NL__2PRFIN20100215_011051_000000432086_00489_41625_5173.N1	15-FEB-2010 01:10:51	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	41625	No
9	GOM_NL__2PRFIN20100215_011928_000000442086_00489_41625_5174.N1	15-FEB-2010 01:19:28	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	41625	No
10	GOM_NL__2PRFIN20100215_012342_000000372086_00489_41625_5175.N1	15-FEB-2010 01:23:42	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	41625	No
11	GOM_NL__2PRFIN20100215_013500_000000512086_00489_41625_5176.N1	15-FEB-2010 01:35:00	Bright	50.500	126	60Bet Oph	2.7700	4250.0	101	41625	No
12	GOM_NL__2PRFIN20100215_014642_000000442086_00489_41625_5177.N1	15-FEB-2010 01:46:42	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	41625	No
13	GOM_NL__2PRFIN20100215_015319_000000462086_00490_41626_5176.N1	15-FEB-2010 01:53:19	Dark	46.000	131	Gam Lup	2.8000	26000.	92	41626	No
14	GOM_NL__2PRFIN20100215_015506_000000402086_00490_41626_5177.N1	15-FEB-2010 01:55:06	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	41626	No
15	GOM_NL__2PRFIN20100215_015839_000000502086_00490_41626_5178.N1	15-FEB-2010 01:58:39	Dark	50.000	10	Bet Cen	0.61000	28000.	100	41626	No
16	GOM_NL__2PRFIN20100215_015959_000000432086_00490_41626_5179.N1	15-FEB-2010 01:59:59	Dark	43.000	77	Eps Cen	2.3030	28000.	86	41626	No
17	GOM_NL__2PRFIN20100215_020144_000000522086_00490_41626_5180.N1	15-FEB-2010 02:01:44	Dark	51.500	12	Alp1Cru	0.77500	30000.	103	41626	No
18	GOM_NL__2PRFIN20100215_020322_000000462086_00490_41626_5181.N1	15-FEB-2010 02:03:22	Dark	46.000	64	Gam Cen	2.2000	10600.	92	41626	No
19	GOM_NL__2PRFIN20100215_020751_000000382086_00490_41626_5182.N1	15-FEB-2010 02:07:51	Dark	38.000	91	Kap Vel	2.4900	26000.	76	41626	No
20	GOM_NL__2PRFIN20100215_021110_000000482086_00490_41626_5183.N1	15-FEB-2010 02:11:10	Straylight	47.500	65	Lam Vel	2.2040	4400.0	95	41626	No
21	GOM_NL__2PRFIN20100215_022109_000000512086_00490_41626_5184.N1	15-FEB-2010 02:21:09	Straylight	50.500	48	30Alp Hya	1.9770	4100.0	101	41626	No
22	GOM_NL__2PRFIN20100215_023157_000000402086_00490_41626_5185.N1	15-FEB-2010 02:31:57	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	41626	No
23	GOM_NL__2PRFIN20100215_024920_000000362086_00490_41626_5186.N1	15-FEB-2010 02:49:20	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	41626	No
24	GOM_NL__2PRFIN20100215_025127_000000362086_00490_41626_5187.N1	15-FEB-2010 02:51:27	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	41626	No
25	GOM_NL__2PRFIN20100215_030004_000000452086_00490_41626_5188.N1	15-FEB-2010 03:00:04	Bright	45.000	130	23Bet Dra	2.7990	5800.0	90	41626	No
26	GOM_NL__2PRFIN20100215_030201_000000522086_00490_41626_5189.N1	15-FEB-2010 03:02:01	Bright	52.000	144	18Del Cyg	2.8600	11000.	104	41626	No
27	GOM_NL__2PRFIN20100215_030417_000000352086_00490_41626_5190.N1	15-FEB-2010 03:04:17	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	41626	No
28	GOM_NL__2PRFIN20100215_031112_000000382086_00490_41626_5191.N1	15-FEB-2010 03:11:12	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	41626	No
29	GOM_NL__2PRFIN20100215_031537_000000502086_00490_41626_5192.N1	15-FEB-2010 03:15:37	Bright	50.000	126	60Bet Oph	2.7700	4250.0	100	41626	No
30	GOM_NL__2PRFIN20100215_032257_000000462086_00490_41626_5193.N1	15-FEB-2010 03:22:57	Dark	46.000	86	35Eta Oph	2.4300	10200.	92	41626	No
31	GOM_NL__2PRFIN20100215_032511_000000422086_00490_41626_5194.N1	15-FEB-2010 03:25:11	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	41626	No
32	GOM_NL__2PRFIN20100215_032718_000000452086_00490_41626_5195.N1	15-FEB-2010 03:27:18	Dark	45.000	25	35Lam Sco	1.6200	28000.	90	41626	No
33	GOM_NL__2PRFIN20100215_032835_000000482086_00490_41626_5196.N1	15-FEB-2010 03:28:35	Dark	47.500	40	The Sco	1.8590	7100.0	95	41626	No
34	GOM_NL__2PRFIN20100215_033021_000000382086_00490_41626_5197.N1	15-FEB-2010 03:30:21	Dark	38.000	147	Alp Ara	2.8770	26000.	76	41626	No
35	GOM_NL__2PRFIN20100215_033356_000000462086_00491_41627_5184.N1	15-FEB-2010 03:33:56	Dark	45.500	131	Gam Lup	2.8000	26000.	91	41627	No
36	GOM_NL__2PRFIN20100215_033543_000000402086_00491_41627_5185.N1	15-FEB-2010 03:35:43	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	41627	No
37	GOM_NL__2PRFIN20100215_033915_000000442086_00491_41627_5186.N1	15-FEB-2010 03:39:15	Dark	44.000	10	Bet Cen	0.61000	28000.	88	41627	No
38	GOM_NL__2PRFIN20100215_034036_000000432086_00491_41627_5187.N1	15-FEB-2010 03:40:36	Dark	43.000	77	Eps Cen	2.3030	28000.	86	41627	No
39	GOM_NL__2PRFIN20100215_034220_000000452086_00491_41627_5188.N1	15-FEB-2010 03:42:20	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	41627	No
40	GOM_NL__2PRFIN20100215_034358_000000452086_00491_41627_5189.N1	15-FEB-2010 03:43:58	Dark	45.000	64	Gam Cen	2.2000	10600.	90	41627	No
41	GOM_NL__2PRFIN20100215_034827_000000422086_00491_41627_5190.N1	15-FEB-2010 03:48:27	Dark	41.500	91	Kap Vel	2.4900	26000.	83	41627	No
42	GOM_NL__2PRFIN20100215_035146_000000462086_00491_41627_5191.N1	15-FEB-2010 03:51:46	Straylight	45.500	65	Lam Vel	2.2040	4400.0	91	41627	No

43	GOM_NL__2PRFIN20100215_040145_000000492086_00491_41627_5192.N1	15-FEB-2010 04:01:45	Straylight	48.500	48	30Alp Hya	1.9770	4100.0	97	41627	No
44	GOM_NL__2PRFIN20100215_041233_000000402086_00491_41627_5193.N1	15-FEB-2010 04:12:33	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	41627	No
45	GOM_NL__2PRFIN20100215_043203_000000402086_00491_41627_5194.N1	15-FEB-2010 04:32:03	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	41627	No
46	GOM_NL__2PRFIN20100215_044040_000000442086_00491_41627_5195.N1	15-FEB-2010 04:40:40	Bright	44.000	130	23Bet Dra	2.7990	5800.0	88	41627	No
47	GOM_NL__2PRFIN20100215_044237_000000342086_00491_41627_5196.N1	15-FEB-2010 04:42:37	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	41627	No
48	GOM_NL__2PRFIN20100215_044454_000000382086_00491_41627_5197.N1	15-FEB-2010 04:44:54	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	41627	No
49	GOM_NL__2PRFIN20100215_045149_000000522086_00491_41627_5198.N1	15-FEB-2010 04:51:49	Bright	52.000	168	17Zet Aql	2.9860	11000.	104	41627	No
50	GOM_NL__2PRFIN20100215_045613_000000522086_00491_41627_5199.N1	15-FEB-2010 04:56:13	Bright	51.500	126	60Bet Oph	2.7700	4250.0	103	41627	No
51	GOM_NL__2PRFIN20100215_050334_000000502086_00491_41627_5200.N1	15-FEB-2010 05:03:34	Dark	50.000	86	35Eta Oph	2.4300	10200.	100	41627	No
52	GOM_NL__2PRFIN20100215_050547_000000432086_00491_41627_5201.N1	15-FEB-2010 05:05:47	Dark	42.500	38	20Eps Sgr	1.8360	11000.	85	41627	No
53	GOM_NL__2PRFIN20100215_050755_000000442086_00491_41627_5202.N1	15-FEB-2010 05:07:55	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	41627	No
54	GOM_NL__2PRFIN20100215_050911_000000422086_00491_41627_5203.N1	15-FEB-2010 05:09:11	Dark	42.000	40	The Sco	1.8590	7100.0	84	41627	No
55	GOM_NL__2PRFIN20100215_051057_000000392086_00491_41627_5204.N1	15-FEB-2010 05:10:57	Dark	38.500	147	Alp Ara	2.8770	26000.	77	41627	No
56	GOM_NL__2PRFIN20100215_051433_000000472086_00492_41628_5192.N1	15-FEB-2010 05:14:33	Dark	47.000	131	Gam Lup	2.8000	26000.	94	41628	No
57	GOM_NL__2PRFIN20100215_051619_000000392086_00492_41628_5193.N1	15-FEB-2010 05:16:19	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	41628	No
58	GOM_NL__2PRFIN20100215_051952_000000412086_00492_41628_5194.N1	15-FEB-2010 05:19:52	Dark	41.000	10	Bet Cen	0.61000	28000.	82	41628	No
59	GOM_NL__2PRFIN20100215_052113_000000452086_00492_41628_5195.N1	15-FEB-2010 05:21:13	Dark	44.500	77	Eps Cen	2.3030	28000.	89	41628	No
60	GOM_NL__2PRFIN20100215_052257_000000512086_00492_41628_5196.N1	15-FEB-2010 05:22:57	Dark	50.500	12	Alp1Cru	0.77500	30000.	101	41628	No
61	GOM_NL__2PRFIN20100215_052435_000000472086_00492_41628_5197.N1	15-FEB-2010 05:24:35	Dark	47.000	64	Gam Cen	2.2000	10600.	94	41628	No
62	GOM_NL__2PRFIN20100215_052904_000000392086_00492_41628_5198.N1	15-FEB-2010 05:29:04	Dark	39.000	91	Kap Vel	2.4900	26000.	78	41628	No
63	GOM_NL__2PRFIN20100215_053223_000000432086_00492_41628_5199.N1	15-FEB-2010 05:32:23	Straylight	43.000	65	Lam Vel	2.2040	4400.0	86	41628	No
64	GOM_NL__2PRFIN20100215_054221_000000552086_00492_41628_5200.N1	15-FEB-2010 05:42:21	Straylight	54.500	48	30Alp Hya	1.9770	4100.0	109	41628	No
65	GOM_NL__2PRFIN20100215_055309_000000392086_00492_41628_5201.N1	15-FEB-2010 05:53:09	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	41628	No
66	GOM_NL__2PRFIN20100215_061239_000000362086_00492_41628_5202.N1	15-FEB-2010 06:12:39	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	41628	No
67	GOM_NL__2PRFIN20100215_062116_000000422086_00492_41628_5203.N1	15-FEB-2010 06:21:16	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	41628	No
68	GOM_NL__2PRFIN20100215_062313_000000342086_00492_41628_5204.N1	15-FEB-2010 06:23:13	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	41628	No
69	GOM_NL__2PRFIN20100215_062530_000000382086_00492_41628_5205.N1	15-FEB-2010 06:25:30	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	41628	No
70	GOM_NL__2PRFIN20100215_063225_000000522086_00492_41628_5206.N1	15-FEB-2010 06:32:25	Bright	52.000	168	17Zet Aql	2.9860	11000.	104	41628	No
71	GOM_NL__2PRFIN20100215_063650_000000522086_00492_41628_5207.N1	15-FEB-2010 06:36:50	Bright	51.500	126	60Bet Oph	2.7700	4250.0	103	41628	No
72	GOM_NL__2PRFIN20100215_064410_000000512086_00492_41628_5208.N1	15-FEB-2010 06:44:10	Dark	51.000	86	35Eta Oph	2.4300	10200.	102	41628	No
73	GOM_NL__2PRFIN20100215_064623_000000442086_00492_41628_5209.N1	15-FEB-2010 06:46:23	Dark	43.500	38	20Eps Sgr	1.8360	11000.	87	41628	No
74	GOM_NL__2PRFIN20100215_064831_000000442086_00492_41628_5210.N1	15-FEB-2010 06:48:31	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	41628	No
75	GOM_NL__2PRFIN20100215_064948_000000422086_00492_41628_5211.N1	15-FEB-2010 06:49:48	Dark	42.000	40	The Sco	1.8590	7100.0	84	41628	No
76	GOM_NL__2PRFIN20100215_065134_000000412086_00492_41628_5212.N1	15-FEB-2010 06:51:34	Dark	41.000	147	Alp Ara	2.8770	26000.	82	41628	No
77	GOM_NL__2PRFIN20100215_065510_000000462086_00493_41629_5200.N1	15-FEB-2010 06:55:10	Dark	45.500	131	Gam Lup	2.8000	26000.	91	41629	No
78	GOM_NL__2PRFIN20100215_065655_000000412086_00493_41629_5201.N1	15-FEB-2010 06:56:55	Dark	41.000	134	Bet TrA	2.8100	6600.0	82	41629	No
79	GOM_NL__2PRFIN20100215_070029_000000392086_00493_41629_5202.N1	15-FEB-2010 07:00:29	Dark	39.000	10	Bet Cen	0.61000	28000.	78	41629	No
80	GOM_NL__2PRFIN20100215_070149_000000512086_00493_41629_5203.N1	15-FEB-2010 07:01:49	Dark	51.000	77	Eps Cen	2.3030	28000.	102	41629	No
81	GOM_NL__2PRFIN20100215_070333_000000472086_00493_41629_5204.N1	15-FEB-2010 07:03:33	Dark	47.000	12	Alp1Cru	0.77500	30000.	94	41629	No
82	GOM_NL__2PRFIN20100215_070512_000000462086_00493_41629_5205.N1	15-FEB-2010 07:05:12	Dark	46.000	64	Gam Cen	2.2000	10600.	92	41629	No
83	GOM_NL__2PRFIN20100215_070940_000000402086_00493_41629_5206.N1	15-FEB-2010 07:09:40	Dark	39.500	91	Kap Vel	2.4900	26000.	79	41629	No
84	GOM_NL__2PRFIN20100215_071259_000000452086_00493_41629_5207.N1	15-FEB-2010 07:12:59	Straylight	44.500	65	Lam Vel	2.2040	4400.0	89	41629	No
85	GOM_NL__2PRFIN20100215_072257_000000502086_00493_41629_5208.N1	15-FEB-2010 07:22:57	Straylight	49.500	48	30Alp Hya	1.9770	4100.0	99	41629	No
86	GOM_NL__2PRFIN20100215_073345_000000382086_00493_41629_5209.N1	15-FEB-2010 07:33:45	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	41629	No
87	GOM_NL__2PRFIN20100215_075314_000000382086_00493_41629_5210.N1	15-FEB-2010 07:53:14	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	41629	No
88	GOM_NL__2PRFIN20100215_080152_000000442086_00493_41629_5211.N1	15-FEB-2010 08:01:52	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	41629	No
89	GOM_NL__2PRFIN20100215_080350_000000342086_00493_41629_5212.N1	15-FEB-2010 08:03:50	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	41629	No
90	GOM_NL__2PRFIN20100215_080605_000000392086_00493_41629_5213.N1	15-FEB-2010 08:06:05	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	41629	No
91	GOM_NL__2PRFIN20100215_081301_000000342086_00493_41629_5214.N1	15-FEB-2010 08:13:01	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	41629	No
92	GOM_NL__2PRFIN20100215_081726_000000512086_00493_41629_5215.N1	15-FEB-2010 08:17:26	Bright	50.500	126	60Bet Oph	2.7700	4250.0	101	41629	No
93	GOM_NL__2PRFIN20100215_082447_000000512086_00493_41629_5216.N1	15-FEB-2010 08:24:47	Dark	51.000	86	35Eta Oph	2.4300	10200.	102	41629	No
94	GOM_NL__2PRFIN20100215_082700_000000422086_00493_41629_5217.N1	15-FEB-2010 08:27:00	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	41629	No
95	GOM_NL__2PRFIN20100215_082908_000000422086_00493_41629_5218.N1	15-FEB-2010 08:29:08	Dark	41.500	25	35Lam Sco	1.6200	28000.	83	41629	No
96	GOM_NL__2PRFIN20100215_083025_000000502086_00493_41629_5219.N1	15-FEB-2010 08:30:25	Dark	50.000	40	The Sco	1.8590	7100.0	100	41629	No
97	GOM_NL__2PRFIN20100215_083210_000000402086_00493_41629_5220.N1	15-FEB-2010 08:32:10	Dark	40.000	147	Alp Ara	2.8770	26000.	80	41629	No
98	GOM_NL__2PRFIN20100215_083547_000000452086_00494_41630_5208.N1	15-FEB-2010 08:35:47	Dark	45.000	131	Gam Lup	2.8000	26000.	90	41630	No
99	GOM_NL__2PRFIN20100215_083732_000000402086_00494_41630_5209.N1	15-FEB-2010 08:37:32	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	41630	No
100	GOM_NL__2PRFIN20100215_084105_000000442086_00494_41630_5210.N1	15-FEB-2010 08:41:05	Dark	44.000	10	Bet Cen	0.61000	28000.	88	41630	No
101	GOM_NL__2PRFIN20100215_084226_000000432086_00494_41630_5211.N1	15-FEB-2010 08:42:26	Dark	43.000	77	Eps Cen	2.3030	28000.	86	41630	No

102	GOM_NL__2PRFIN20100215_084410_000000472086_00494_41630_5212.N1	15-FEB-2010 08:44:10	Dark	46.500	12	Alp1Cru	0.77500	30000.	93	41630	No
103	GOM_NL__2PRFIN20100215_084548_000000462086_00494_41630_5213.N1	15-FEB-2010 08:45:48	Dark	45.500	64	Gam Cen	2.2000	10600.	91	41630	No
104	GOM_NL__2PRFIN20100215_085016_000000402086_00494_41630_5214.N1	15-FEB-2010 08:50:16	Dark	40.000	91	Kap Vel	2.4900	26000.	80	41630	No
105	GOM_NL__2PRFIN20100215_085335_000000462086_00494_41630_5215.N1	15-FEB-2010 08:53:35	Straylight	45.500	65	Lam Vel	2.2040	4400.0	91	41630	No
106	GOM_NL__2PRFIN20100215_090333_000000512086_00494_41630_5216.N1	15-FEB-2010 09:03:33	Straylight	50.500	48	30Alp Hya	1.9770	4100.0	101	41630	No
107	GOM_NL__2PRFIN20100215_091421_000000382086_00494_41630_5217.N1	15-FEB-2010 09:14:21	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	41630	No
108	GOM_NL__2PRFIN20100215_093350_000000422086_00494_41630_5218.N1	15-FEB-2010 09:33:50	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	41630	No
109	GOM_NL__2PRFIN20100215_094227_000000492086_00494_41630_5219.N1	15-FEB-2010 09:42:27	Bright	48.500	130	23Bet Dra	2.7990	5800.0	97	41630	No
110	GOM_NL__2PRFIN20100215_094426_000000522086_00494_41630_5220.N1	15-FEB-2010 09:44:26	Bright	52.000	144	18Del Cyg	2.8600	11000.	104	41630	No
111	GOM_NL__2PRFIN20100215_094642_000000362086_00494_41630_5221.N1	15-FEB-2010 09:46:42	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	41630	No
112	GOM_NL__2PRFIN20100215_095337_000000352086_00494_41630_5222.N1	15-FEB-2010 09:53:37	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	41630	No
113	GOM_NL__2PRFIN20100215_095803_000000532086_00494_41630_5223.N1	15-FEB-2010 09:58:03	Bright	52.500	126	60Bet Oph	2.7700	4250.0	105	41630	No
114	GOM_NL__2PRFIN20100215_100524_000000462086_00494_41630_5224.N1	15-FEB-2010 10:05:24	Dark	46.000	86	35Eta Oph	2.4300	10200.	92	41630	No
115	GOM_NL__2PRFIN20100215_100736_000000442086_00494_41630_5225.N1	15-FEB-2010 10:07:36	Dark	44.000	38	20Eps Sgr	1.8360	11000.	88	41630	No
116	GOM_NL__2PRFIN20100215_100944_000000442086_00494_41630_5226.N1	15-FEB-2010 10:09:44	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	41630	No
117	GOM_NL__2PRFIN20100215_101101_000000432086_00494_41630_5227.N1	15-FEB-2010 10:11:01	Dark	43.000	40	The Sco	1.8590	7100.0	86	41630	No
118	GOM_NL__2PRFIN20100215_101247_000000392086_00494_41630_5228.N1	15-FEB-2010 10:12:47	Dark	39.000	147	Alp Ara	2.8770	26000.	78	41630	No
119	GOM_NL__2PRFIN20100215_101413_000000412086_00494_41630_5229.N1	15-FEB-2010 10:14:13	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	41630	No
120	GOM_NL__2PRFIN20100215_101624_000000452086_00495_41631_5216.N1	15-FEB-2010 10:16:24	Dark	45.000	131	Gam Lup	2.8000	26000.	90	41631	No
121	GOM_NL__2PRFIN20100215_101808_000000392086_00495_41631_5217.N1	15-FEB-2010 10:18:08	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	41631	No
122	GOM_NL__2PRFIN20100215_102142_000000442086_00495_41631_5218.N1	15-FEB-2010 10:21:42	Dark	43.500	10	Bet Cen	0.61000	28000.	87	41631	No
123	GOM_NL__2PRFIN20100215_102303_000000442086_00495_41631_5219.N1	15-FEB-2010 10:23:03	Dark	44.000	77	Eps Cen	2.3030	28000.	88	41631	No
124	GOM_NL__2PRFIN20100215_102446_000000482086_00495_41631_5220.N1	15-FEB-2010 10:24:46	Dark	48.000	12	Alp1Cru	0.77500	30000.	96	41631	No
125	GOM_NL__2PRFIN20100215_102625_000000462086_00495_41631_5221.N1	15-FEB-2010 10:26:25	Dark	46.000	64	Gam Cen	2.2000	10600.	92	41631	No
126	GOM_NL__2PRFIN20100215_103052_000000372086_00495_41631_5222.N1	15-FEB-2010 10:30:52	Dark	36.500	91	Kap Vel	2.4900	26000.	73	41631	No
127	GOM_NL__2PRFIN20100215_103411_000000432086_00495_41631_5223.N1	15-FEB-2010 10:34:11	Straylight	43.000	65	Lam Vel	2.2040	4400.0	86	41631	No
128	GOM_NL__2PRFIN20100215_104409_000000522086_00495_41631_5224.N1	15-FEB-2010 10:44:09	Straylight	51.500	48	30Alp Hya	1.9770	4100.0	103	41631	No
129	GOM_NL__2PRFIN20100215_105457_000000392086_00495_41631_5225.N1	15-FEB-2010 10:54:57	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	41631	No
130	GOM_NL__2PRFIN20100215_111425_000000452086_00495_41631_5226.N1	15-FEB-2010 11:14:25	Bright	45.000	60	7Bet UMi	2.0810	3950.0	90	41631	No
131	GOM_NL__2PRFIN20100215_112303_000000382086_00495_41631_5227.N1	15-FEB-2010 11:23:03	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	41631	No
132	GOM_NL__2PRFIN20100215_112501_000000342086_00495_41631_5228.N1	15-FEB-2010 11:25:01	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	41631	No
133	GOM_NL__2PRFIN20100215_112718_000000372086_00495_41631_5229.N1	15-FEB-2010 11:27:18	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	41631	No
134	GOM_NL__2PRFIN20100215_113413_000000342086_00495_41631_5230.N1	15-FEB-2010 11:34:13	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	41631	No
135	GOM_NL__2PRFIN20100215_113839_000000522086_00495_41631_5231.N1	15-FEB-2010 11:38:39	Bright	51.500	126	60Bet Oph	2.7700	4250.0	103	41631	No
136	GOM_NL__2PRFIN20100215_114601_000000522086_00495_41631_5232.N1	15-FEB-2010 11:46:01	Dark	52.000	86	35Eta Oph	2.4300	10200.	104	41631	No
137	GOM_NL__2PRFIN20100215_114812_000000452086_00495_41631_5233.N1	15-FEB-2010 11:48:12	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	41631	No
138	GOM_NL__2PRFIN20100215_115021_000000412086_00495_41631_5234.N1	15-FEB-2010 11:50:21	Dark	41.000	25	35Lam Sco	1.6200	28000.	82	41631	No
139	GOM_NL__2PRFIN20100215_115137_000000442086_00495_41631_5235.N1	15-FEB-2010 11:51:37	Dark	44.000	40	The Sco	1.8590	7100.0	88	41631	No
140	GOM_NL__2PRFIN20100215_115323_000000382086_00495_41631_5236.N1	15-FEB-2010 11:53:23	Dark	38.000	147	Alp Ara	2.8770	26000.	76	41631	No
141	GOM_NL__2PRFIN20100215_115450_000000422086_00495_41631_5237.N1	15-FEB-2010 11:54:50	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	41631	No
142	GOM_NL__2PRFIN20100215_115700_000000422086_00496_41632_5226.N1	15-FEB-2010 11:57:00	Dark	42.000	131	Gam Lup	2.8000	26000.	84	41632	No
143	GOM_NL__2PRFIN20100215_115844_000000382086_00496_41632_5227.N1	15-FEB-2010 11:58:44	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	41632	No
144	GOM_NL__2PRFIN20100215_120218_000000472086_00496_41632_5228.N1	15-FEB-2010 12:02:18	Dark	47.000	10	Bet Cen	0.61000	28000.	94	41632	No
145	GOM_NL__2PRFIN20100215_120339_000000432086_00496_41632_5229.N1	15-FEB-2010 12:03:39	Dark	42.500	77	Eps Cen	2.3030	28000.	85	41632	No
146	GOM_NL__2PRFIN20100215_120522_000000492086_00496_41632_5230.N1	15-FEB-2010 12:05:22	Dark	49.000	12	Alp1Cru	0.77500	30000.	98	41632	No
147	GOM_NL__2PRFIN20100215_120702_000000452086_00496_41632_5231.N1	15-FEB-2010 12:07:02	Dark	44.500	64	Gam Cen	2.2000	10600.	89	41632	No
148	GOM_NL__2PRFIN20100215_121128_000000382086_00496_41632_5232.N1	15-FEB-2010 12:11:28	Dark	38.000	91	Kap Vel	2.4900	26000.	76	41632	No
149	GOM_NL__2PRFIN20100215_121447_000000462086_00496_41632_5233.N1	15-FEB-2010 12:14:47	Straylight	45.500	65	Lam Vel	2.2040	4400.0	91	41632	No
150	GOM_NL__2PRFIN20100215_122445_000000492086_00496_41632_5234.N1	15-FEB-2010 12:24:45	Straylight	48.500	48	30Alp Hya	1.9770	4100.0	97	41632	No
151	GOM_NL__2PRFIN20100215_123533_000000402086_00496_41632_5235.N1	15-FEB-2010 12:35:33	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	41632	No
152	GOM_NL__2PRFIN20100215_125501_000000362086_00496_41632_5236.N1	15-FEB-2010 12:55:01	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	41632	No
153	GOM_NL__2PRFIN20100215_130339_000000432086_00496_41632_5237.N1	15-FEB-2010 13:03:39	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	41632	No
154	GOM_NL__2PRFIN20100215_130537_000000352086_00496_41632_5238.N1	15-FEB-2010 13:05:37	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	41632	No
155	GOM_NL__2PRFIN20100215_130754_000000402086_00496_41632_5239.N1	15-FEB-2010 13:07:54	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	41632	No
156	GOM_NL__2PRFIN20100215_131449_000000342086_00496_41632_5240.N1	15-FEB-2010 13:14:49	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	41632	No
157	GOM_NL__2PRFIN20100215_131916_000000512086_00496_41632_5241.N1	15-FEB-2010 13:19:16	Bright	51.000	126	60Bet Oph	2.7700	4250.0	102	41632	No
158	GOM_NL__2PRFIN20100215_132637_000000482086_00496_41632_5242.N1	15-FEB-2010 13:26:37	Dark	48.000	86	35Eta Oph	2.4300	10200.	96	41632	No
159	GOM_NL__2PRFIN20100215_132849_000000412086_00496_41632_5243.N1	15-FEB-2010 13:28:49	Dark	41.000	38	20Eps Sgr	1.8360	11000.	82	41632	No
160	GOM_NL__2PRFIN20100215_133057_000000452086_00496_41632_5244.N1	15-FEB-2010 13:30:57	Dark	45.000	25	35Lam Sco	1.6200	28000.	90	41632	No

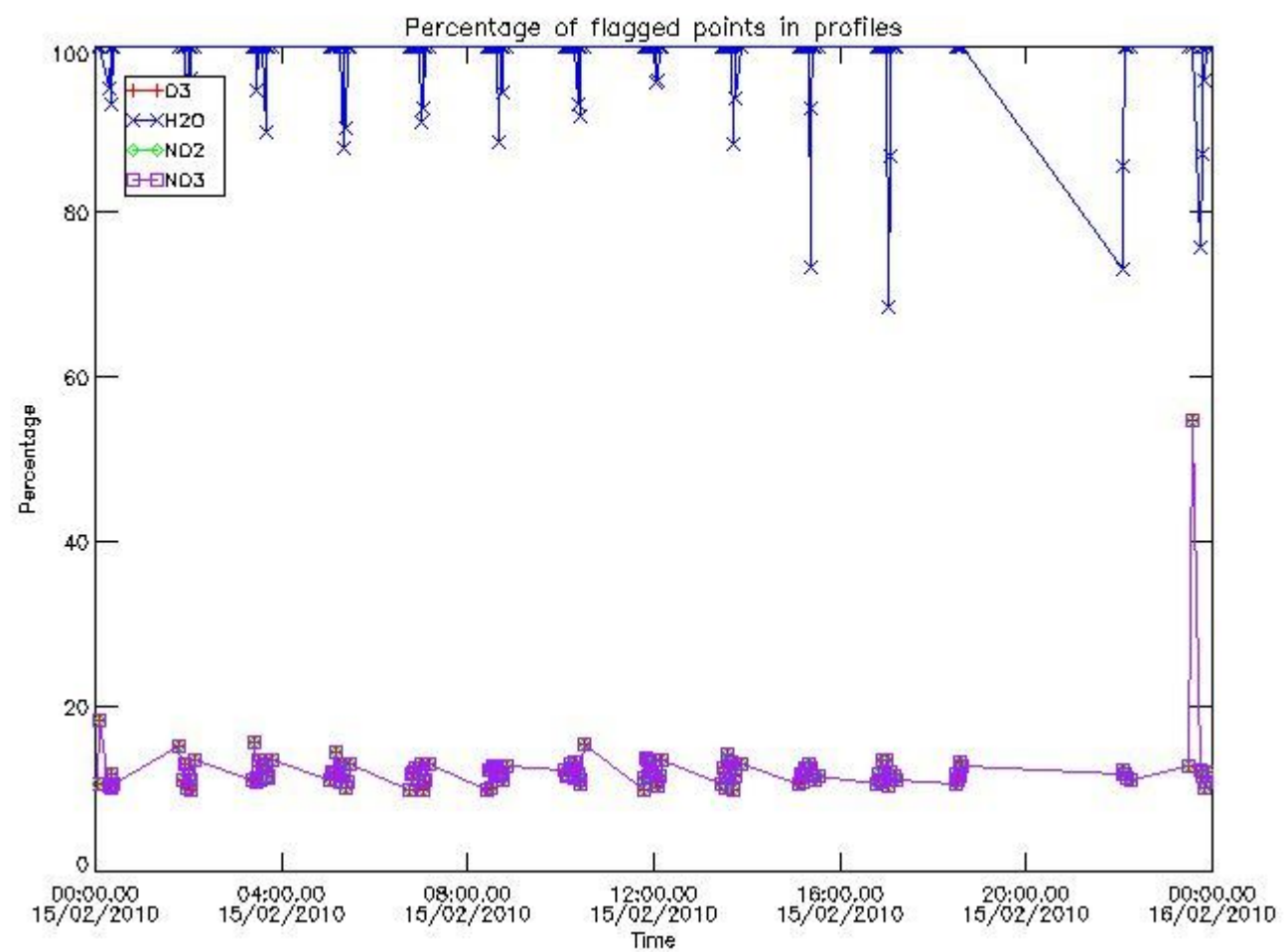
161	GOM_NL__2PRFIN20100215_133214_000000512086_00496_41632_5245.N1	15-FEB-2010 13:32:14	Dark	50.500	40	The Sco	1.8590	7100.0	101	41632	No
162	GOM_NL__2PRFIN20100215_133359_000000382086_00496_41632_5246.N1	15-FEB-2010 13:33:59	Dark	38.000	147	Alp Ara	2.8770	26000.	76	41632	No
163	GOM_NL__2PRFIN20100215_133526_000000402086_00496_41632_5247.N1	15-FEB-2010 13:35:26	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	41632	No
164	GOM_NL__2PRFIN20100215_133738_000000422086_00497_41633_5250.N1	15-FEB-2010 13:37:38	Dark	42.000	131	Gam Lup	2.8000	26000.	84	41633	No
165	GOM_NL__2PRFIN20100215_133921_000000392086_00497_41633_5251.N1	15-FEB-2010 13:39:21	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	41633	No
166	GOM_NL__2PRFIN20100215_134255_000000522086_00497_41633_5252.N1	15-FEB-2010 13:42:55	Dark	51.500	10	Bet Cen	0.61000	28000.	103	41633	No
167	GOM_NL__2PRFIN20100215_134416_000000452086_00497_41633_5253.N1	15-FEB-2010 13:44:16	Dark	44.500	77	Eps Cen	2.3030	28000.	89	41633	No
168	GOM_NL__2PRFIN20100215_134559_000000412086_00497_41633_5254.N1	15-FEB-2010 13:45:59	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	41633	No
169	GOM_NL__2PRFIN20100215_135204_000000392086_00497_41633_5255.N1	15-FEB-2010 13:52:04	Dark	39.000	91	Kap Vel	2.4900	26000.	78	41633	No
170	GOM_NL__2PRFIN20100215_135523_000000452086_00497_41633_5256.N1	15-FEB-2010 13:55:23	Straylight	45.000	65	Lam Vel	2.2040	4400.0	90	41633	No
171	GOM_NL__2PRFIN20100215_140521_000000482086_00497_41633_5257.N1	15-FEB-2010 14:05:21	Straylight	47.500	48	30Alp Hya	1.9770	4100.0	95	41633	No
172	GOM_NL__2PRFIN20100215_141609_000000392086_00497_41633_5258.N1	15-FEB-2010 14:16:09	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	41633	No
173	GOM_NL__2PRFIN20100215_143537_000000422086_00497_41633_5259.N1	15-FEB-2010 14:35:37	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	41633	No
174	GOM_NL__2PRFIN20100215_144415_000000402086_00497_41633_5260.N1	15-FEB-2010 14:44:15	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	41633	No
175	GOM_NL__2PRFIN20100215_144614_000000342086_00497_41633_5261.N1	15-FEB-2010 14:46:14	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	41633	No
176	GOM_NL__2PRFIN20100215_144830_000000352086_00497_41633_5262.N1	15-FEB-2010 14:48:30	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	41633	No
177	GOM_NL__2PRFIN20100215_145525_000000342086_00497_41633_5263.N1	15-FEB-2010 14:55:25	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	41633	No
178	GOM_NL__2PRFIN20100215_150714_000000492086_00497_41633_5264.N1	15-FEB-2010 15:07:14	Dark	48.500	86	35Eta Oph	2.4300	10200.	97	41633	No
179	GOM_NL__2PRFIN20100215_150925_000000432086_00497_41633_5265.N1	15-FEB-2010 15:09:25	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	41633	No
180	GOM_NL__2PRFIN20100215_151134_000000442086_00497_41633_5266.N1	15-FEB-2010 15:11:34	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	41633	No
181	GOM_NL__2PRFIN20100215_151250_000000472086_00497_41633_5267.N1	15-FEB-2010 15:12:50	Dark	46.500	40	The Sco	1.8590	7100.0	93	41633	No
182	GOM_NL__2PRFIN20100215_151436_000000412086_00497_41633_5268.N1	15-FEB-2010 15:14:36	Dark	40.500	147	Alp Ara	2.8770	26000.	81	41633	No
183	GOM_NL__2PRFIN20100215_151602_000000412086_00497_41633_5269.N1	15-FEB-2010 15:16:02	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	41633	No
184	GOM_NL__2PRFIN20100215_151957_000000392086_00498_41634_5282.N1	15-FEB-2010 15:19:57	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	41634	No
185	GOM_NL__2PRFIN20100215_152212_000000442086_00498_41634_5283.N1	15-FEB-2010 15:22:12	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	41634	No
186	GOM_NL__2PRFIN20100215_152331_000000412086_00498_41634_5284.N1	15-FEB-2010 15:23:31	Dark	41.000	10	Bet Cen	0.61000	28000.	82	41634	No
187	GOM_NL__2PRFIN20100215_152453_000000442086_00498_41634_5285.N1	15-FEB-2010 15:24:53	Dark	44.000	77	Eps Cen	2.3030	28000.	88	41634	No
188	GOM_NL__2PRFIN20100215_152815_000000462086_00498_41634_5286.N1	15-FEB-2010 15:28:15	Dark	46.000	64	Gam Cen	2.2000	10600.	92	41634	No
189	GOM_NL__2PRFIN20100215_153220_000000452086_00498_41634_5287.N1	15-FEB-2010 15:32:20	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	41634	No
190	GOM_NL__2PRFIN20100215_153559_000000452086_00498_41634_5288.N1	15-FEB-2010 15:35:59	Straylight	45.000	65	Lam Vel	2.2040	4400.0	90	41634	No
191	GOM_NL__2PRFIN20100215_154557_000000502086_00498_41634_5289.N1	15-FEB-2010 15:45:57	Straylight	50.000	48	30Alp Hya	1.9770	4100.0	100	41634	No
192	GOM_NL__2PRFIN20100215_155645_000000382086_00498_41634_5290.N1	15-FEB-2010 15:56:45	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	41634	No
193	GOM_NL__2PRFIN20100215_161612_000000432086_00498_41634_5291.N1	15-FEB-2010 16:16:12	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41634	No
194	GOM_NL__2PRFIN20100215_162451_000000382086_00498_41634_5292.N1	15-FEB-2010 16:24:51	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	41634	No
195	GOM_NL__2PRFIN20100215_162650_000000372086_00498_41634_5293.N1	15-FEB-2010 16:26:50	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	41634	No
196	GOM_NL__2PRFIN20100215_162906_000000352086_00498_41634_5294.N1	15-FEB-2010 16:29:06	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	41634	No
197	GOM_NL__2PRFIN20100215_163601_000000522086_00498_41634_5295.N1	15-FEB-2010 16:36:01	Bright	52.000	168	17Zet Aql	2.9860	11000.	104	41634	No
198	GOM_NL__2PRFIN20100215_164029_000000522086_00498_41634_5296.N1	15-FEB-2010 16:40:29	Tw_i_and_stray	51.500	126	60Bet Oph	2.7700	4250.0	103	41634	No
199	GOM_NL__2PRFIN20100215_164751_000000482086_00498_41634_5297.N1	15-FEB-2010 16:47:51	Dark	48.000	86	35Eta Oph	2.4300	10200.	96	41634	No
200	GOM_NL__2PRFIN20100215_165001_000000442086_00498_41634_5298.N1	15-FEB-2010 16:50:01	Dark	43.500	38	20Eps Sgr	1.8360	11000.	87	41634	No
201	GOM_NL__2PRFIN20100215_165210_000000462086_00498_41634_5299.N1	15-FEB-2010 16:52:10	Dark	46.000	25	35Lam Sco	1.6200	28000.	92	41634	No
202	GOM_NL__2PRFIN20100215_165327_000000472086_00498_41634_5300.N1	15-FEB-2010 16:53:27	Dark	47.000	40	The Sco	1.8590	7100.0	94	41634	No
203	GOM_NL__2PRFIN20100215_165512_000000382086_00498_41634_5301.N1	15-FEB-2010 16:55:12	Dark	37.500	147	Alp Ara	2.8770	26000.	75	41634	No
204	GOM_NL__2PRFIN20100215_165639_000000432086_00498_41634_5302.N1	15-FEB-2010 16:56:39	Dark	43.000	141	Bet Ara	2.8400	4600.0	86	41634	No
205	GOM_NL__2PRFIN20100215_170034_000000382086_00499_41635_5297.N1	15-FEB-2010 17:00:34	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	41635	No
206	GOM_NL__2PRFIN20100215_170249_000000502086_00499_41635_5298.N1	15-FEB-2010 17:02:49	Dark	49.500	4	Alp1Cen	-0.010000	5800.0	99	41635	No
207	GOM_NL__2PRFIN20100215_170408_000000462086_00499_41635_5299.N1	15-FEB-2010 17:04:08	Dark	46.000	10	Bet Cen	0.61000	28000.	92	41635	No
208	GOM_NL__2PRFIN20100215_170529_000000432086_00499_41635_5300.N1	15-FEB-2010 17:05:29	Dark	42.500	77	Eps Cen	2.3030	28000.	85	41635	No
209	GOM_NL__2PRFIN20100215_170852_000000452086_00499_41635_5301.N1	15-FEB-2010 17:08:52	Dark	44.500	64	Gam Cen	2.2000	10600.	89	41635	No
210	GOM_NL__2PRFIN20100215_171257_000000462086_00499_41635_5302.N1	15-FEB-2010 17:12:57	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	41635	No
211	GOM_NL__2PRFIN20100215_171636_000000452086_00499_41635_5303.N1	15-FEB-2010 17:16:36	Straylight	44.500	65	Lam Vel	2.2040	4400.0	89	41635	No
212	GOM_NL__2PRFIN20100215_172632_000000512086_00499_41635_5304.N1	15-FEB-2010 17:26:32	Straylight	50.500	48	30Alp Hya	1.9770	4100.0	101	41635	No
213	GOM_NL__2PRFIN20100215_173721_000000392086_00499_41635_5305.N1	15-FEB-2010 17:37:21	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	41635	No
214	GOM_NL__2PRFIN20100215_175648_000000432086_00499_41635_5306.N1	15-FEB-2010 17:56:48	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41635	No
215	GOM_NL__2PRFIN20100215_180526_000000392086_00499_41635_5307.N1	15-FEB-2010 18:05:26	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	41635	No
216	GOM_NL__2PRFIN20100215_180942_000000362086_00499_41635_5308.N1	15-FEB-2010 18:09:42	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	41635	No
217	GOM_NL__2PRFIN20100215_181638_000000522086_00499_41635_5309.N1	15-FEB-2010 18:16:38	Bright	52.000	168	17Zet Aql	2.9860	11000.	104	41635	No
218	GOM_NL__2PRFIN20100215_182105_000000512086_00499_41635_5310.N1	15-FEB-2010 18:21:05	Tw_i_and_stray	51.000	126	60Bet Oph	2.7700	4250.0	102	41635	No
219	GOM_NL__2PRFIN20100215_182828_000000482086_00499_41635_5311.N1	15-FEB-2010 18:28:28	Dark	48.000	86	35Eta Oph	2.4300	10200.	96	41635	No

220	GOM_NL__2PRFIN20100215_183037_000000442086_00499_41635_5312.N1	15-FEB-2010 18:30:37	Dark	43.500	38	20Eps Sgr	1.8360	11000.	87	41635	No
221	GOM_NL__2PRFIN20100215_183247_000000462086_00499_41635_5313.N1	15-FEB-2010 18:32:47	Dark	46.000	25	35Lam Sco	1.6200	28000.	92	41635	No
222	GOM_NL__2PRFIN20100215_183403_000000452086_00499_41635_5314.N1	15-FEB-2010 18:34:03	Dark	44.500	40	The Sco	1.8590	7100.0	89	41635	No
223	GOM_NL__2PRFIN20100215_183548_000000392086_00499_41635_5315.N1	15-FEB-2010 18:35:48	Dark	38.500	147	Alp Ara	2.8770	26000.	77	41635	No
224	GOM_NL__2PRFIN20100215_183715_000000432086_00499_41635_5316.N1	15-FEB-2010 18:37:15	Dark	43.000	141	Bet Ara	2.8400	4600.0	86	41635	No
225	GOM_NL__2PRFIN20100215_220438_000000432087_00001_41638_5326.N1	15-FEB-2010 22:04:38	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	41638	No
226	GOM_NL__2PRFIN20100215_220557_000000462087_00001_41638_5327.N1	15-FEB-2010 22:05:57	Dark	45.500	10	Bet Cen	0.61000	28000.	91	41638	No
227	GOM_NL__2PRFIN20100215_220719_000000432087_00001_41638_5328.N1	15-FEB-2010 22:07:19	Dark	43.000	77	Eps Cen	2.3030	28000.	86	41638	No
228	GOM_NL__2PRFIN20100215_221042_000000452087_00001_41638_5329.N1	15-FEB-2010 22:10:42	Dark	45.000	64	Gam Cen	2.2000	10600.	90	41638	No
229	GOM_NL__2PRFIN20100215_221446_000000462087_00001_41638_5330.N1	15-FEB-2010 22:14:46	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	41638	No
230	GOM_NL__2PRFIN20100215_222820_000000532087_00001_41638_5331.N1	15-FEB-2010 22:28:20	Straylight	52.500	48	30Alp Hya	1.9770	4100.0	105	41638	No
231	GOM_NL__2PRFIN20100215_225835_000000422087_00001_41638_5332.N1	15-FEB-2010 22:58:35	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	41638	No
232	GOM_NL__2PRFIN20100215_230714_000000432087_00001_41638_5333.N1	15-FEB-2010 23:07:14	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	41638	No
233	GOM_NL__2PRFIN20100215_231130_000000362087_00001_41638_5334.N1	15-FEB-2010 23:11:30	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	41638	No
234	GOM_NL__2PRFIN20100215_232255_000000512087_00001_41638_5335.N1	15-FEB-2010 23:22:55	Twilight_stray	51.000	126	60Bet Oph	2.7700	4250.0	102	41638	No
235	GOM_NL__2PRFIN20100215_233018_000000402087_00001_41638_5336.N1	15-FEB-2010 23:30:18	Dark	40.000	86	35Eta Oph	2.4300	10200.	80	41638	No
236	GOM_NL__2PRFIN20100215_233436_000000442087_00001_41638_5337.N1	15-FEB-2010 23:34:36	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	41638	No
237	GOM_NL__2PRFIN20100215_234515_000000422087_00002_41639_5334.N1	15-FEB-2010 23:45:15	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	41639	No
238	GOM_NL__2PRFIN20100215_234634_000000432087_00002_41639_5335.N1	15-FEB-2010 23:46:34	Dark	42.500	10	Bet Cen	0.61000	28000.	85	41639	No
239	GOM_NL__2PRFIN20100215_234756_000000442087_00002_41639_5336.N1	15-FEB-2010 23:47:56	Dark	44.000	77	Eps Cen	2.3030	28000.	88	41639	No
240	GOM_NL__2PRFIN20100215_234937_000000512087_00002_41639_5337.N1	15-FEB-2010 23:49:37	Dark	50.500	12	Alp1Cru	0.77500	30000.	101	41639	No
241	GOM_NL__2PRFIN20100215_235118_000000482087_00002_41639_5338.N1	15-FEB-2010 23:51:18	Dark	47.500	64	Gam Cen	2.2000	10600.	95	41639	No
242	GOM_NL__2PRFIN20100215_235522_000000422087_00002_41639_5339.N1	15-FEB-2010 23:55:22	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	41639	No

3. Quality information per product

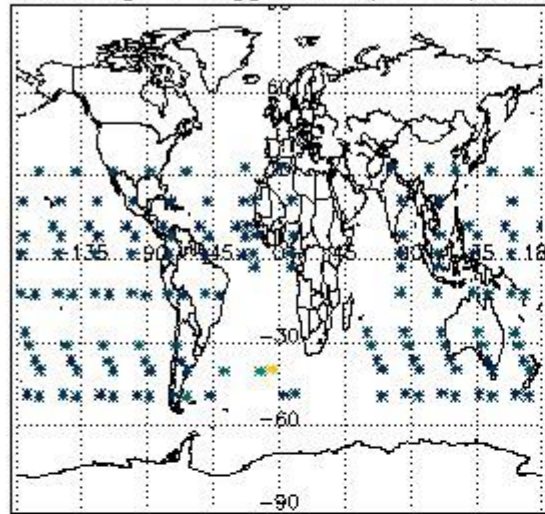
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

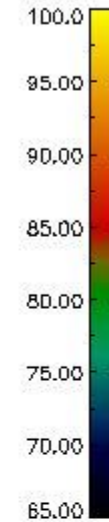
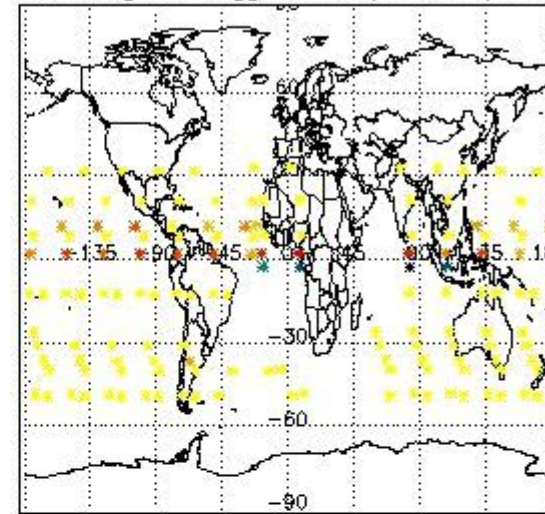


3.2 Plot quality information per product (world map)

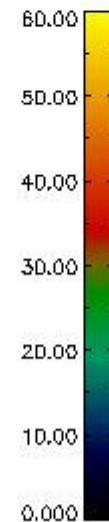
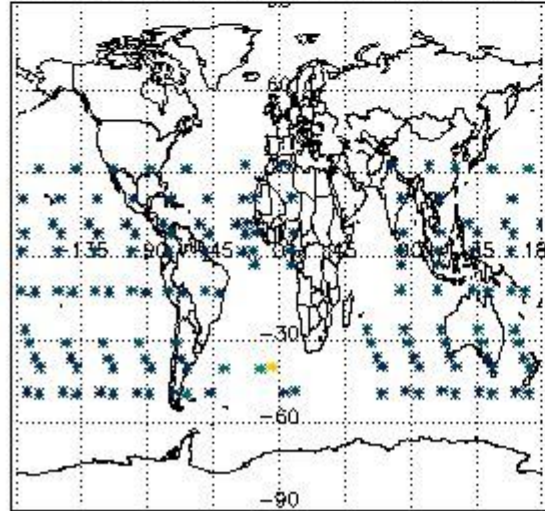
Percentage of flagged data per O3 profile



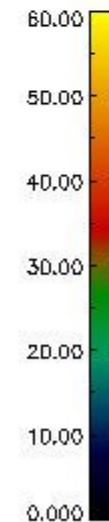
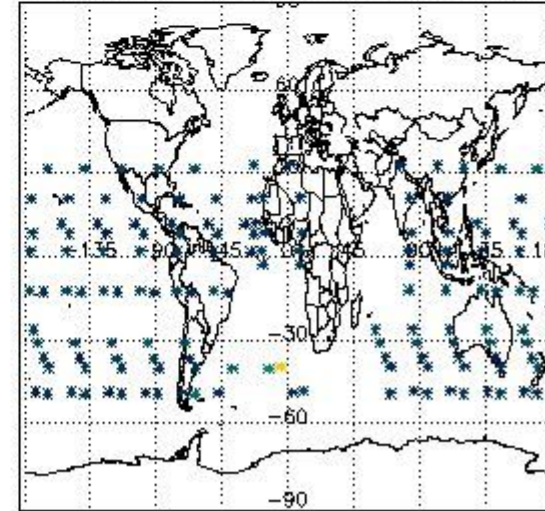
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

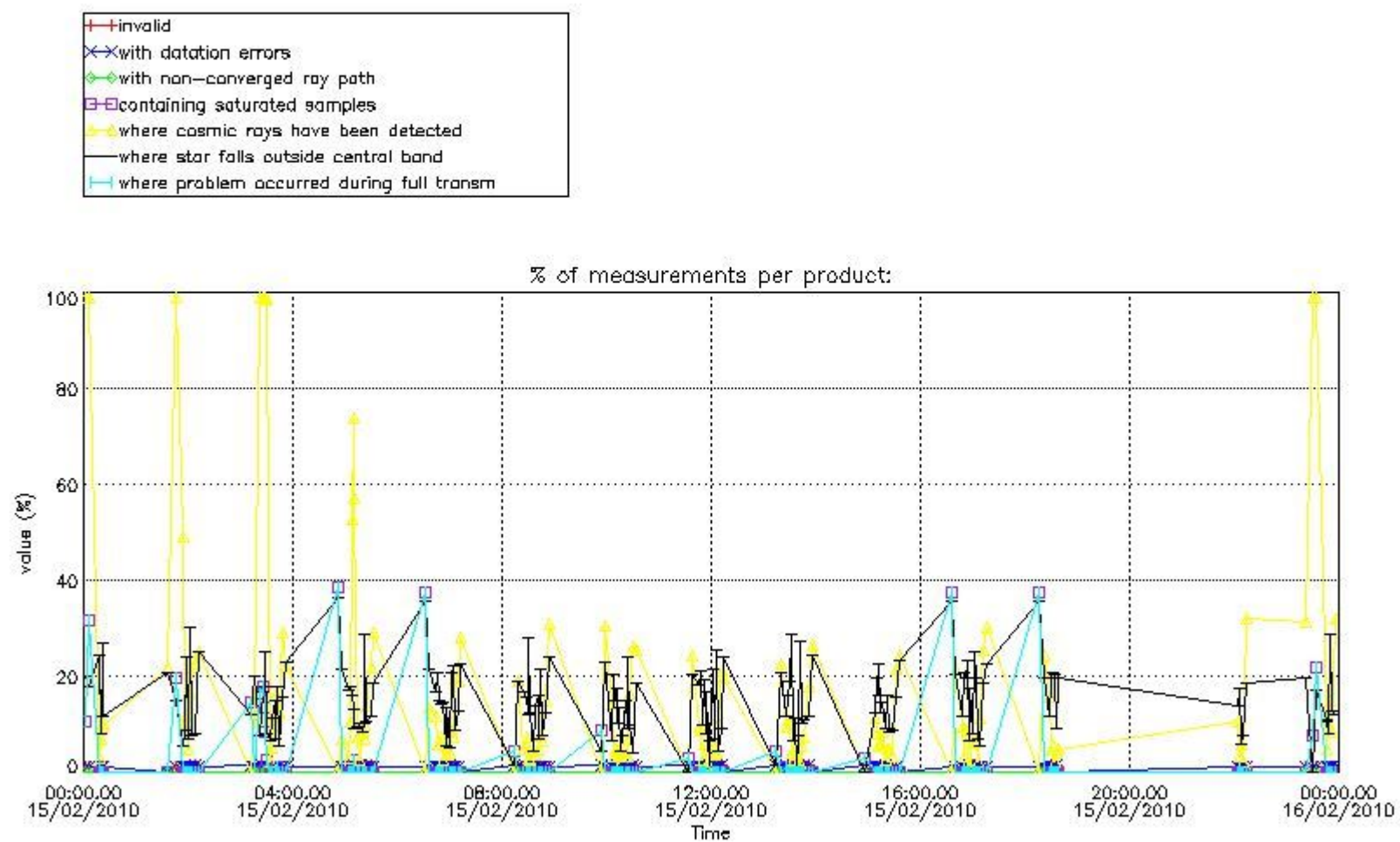


4. Level 1 quality information per product

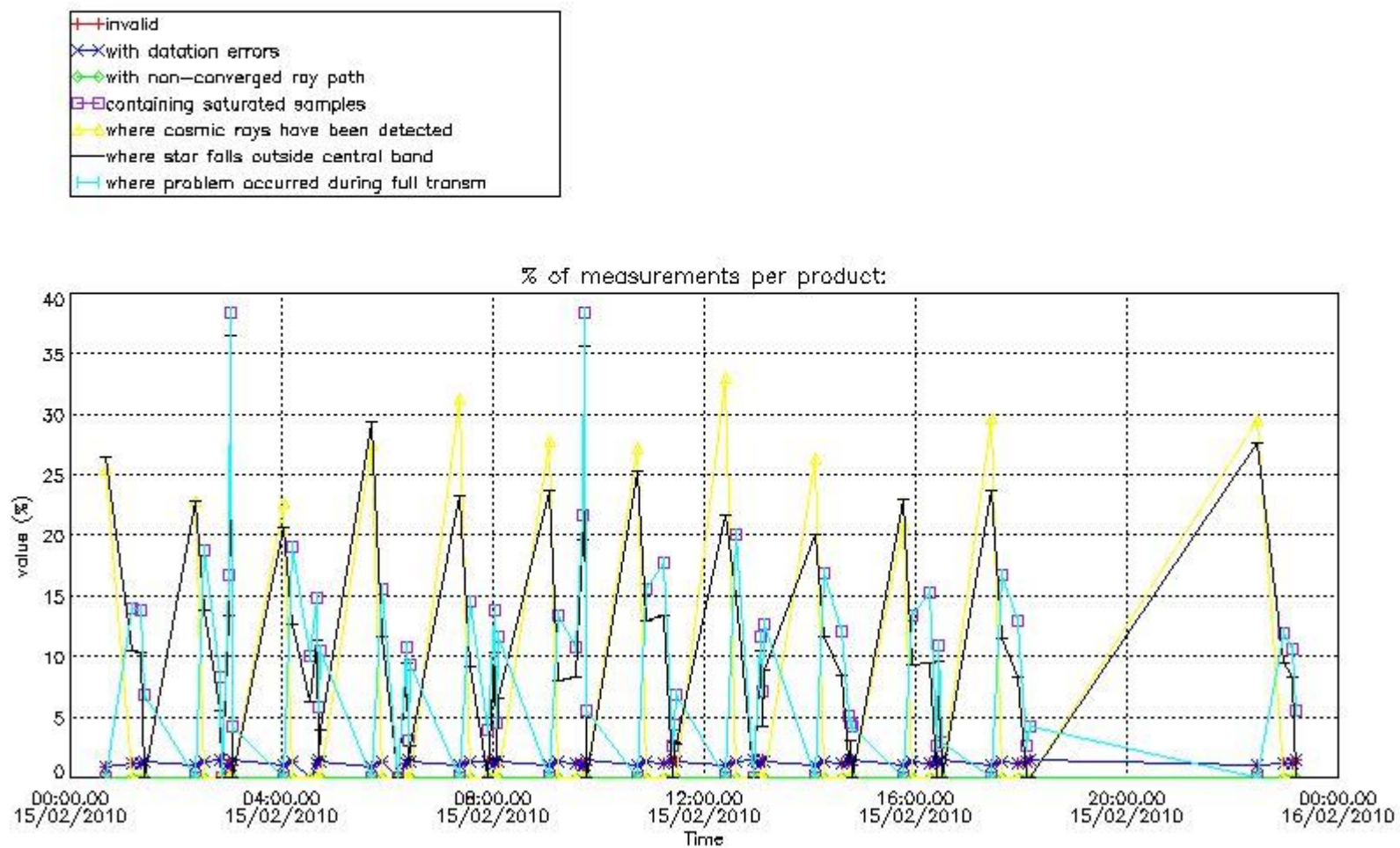
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



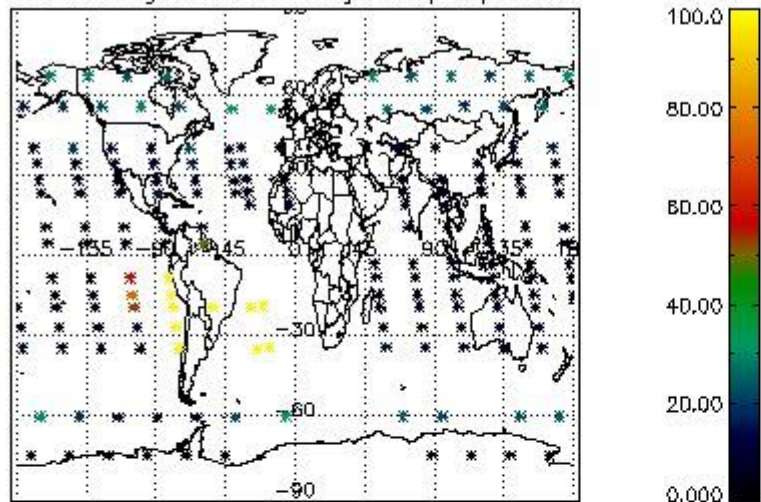
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



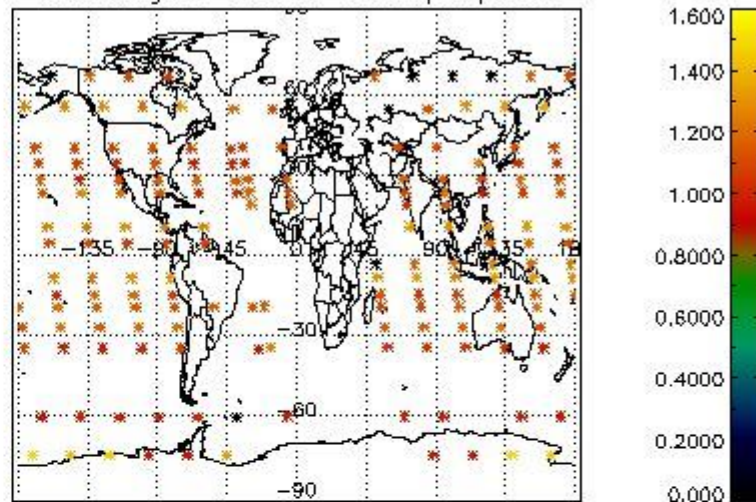
4.2 Plot quality information per product coming from level 1b processing (world map)

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

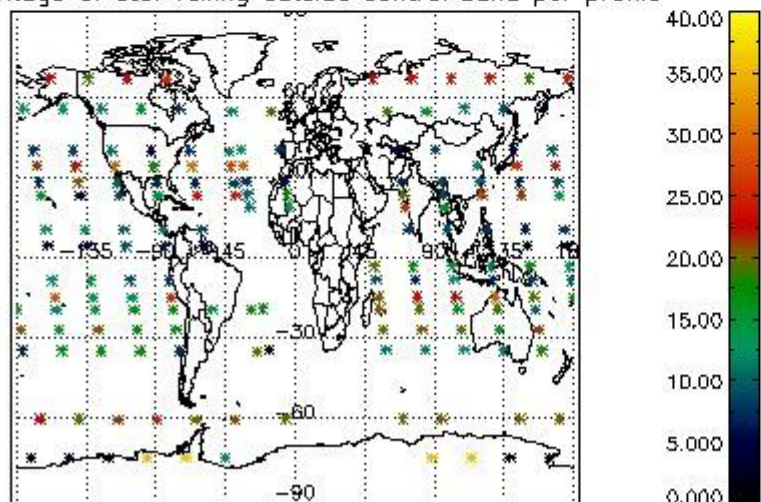
Percentage of cosmic ray hits per profile



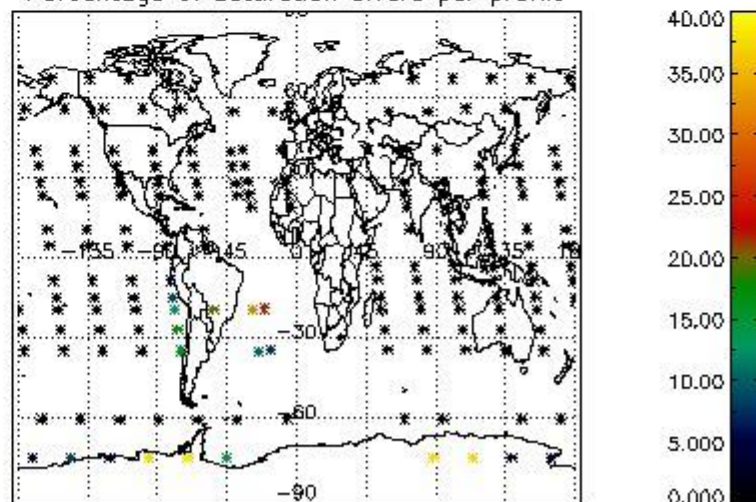
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

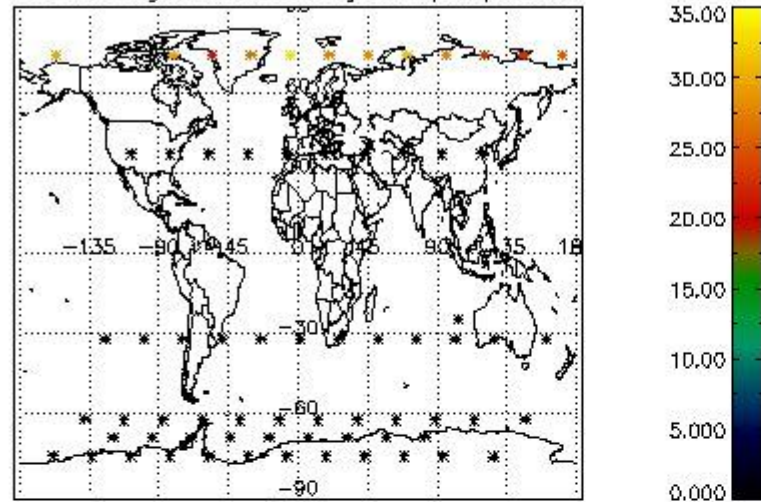


Percentage of saturation errors per profile

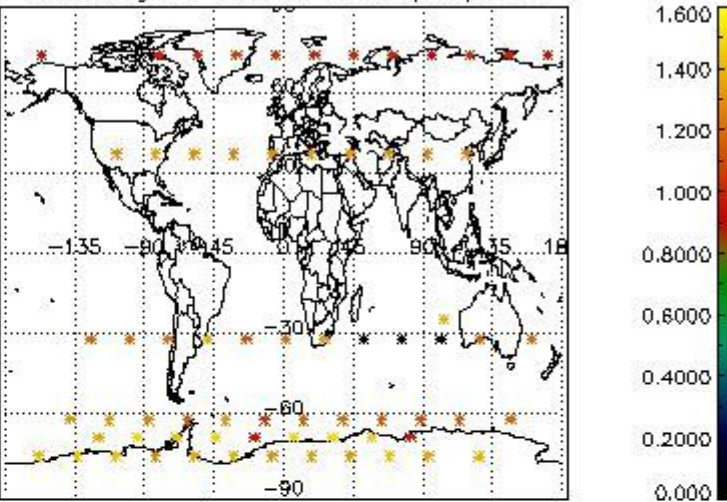


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

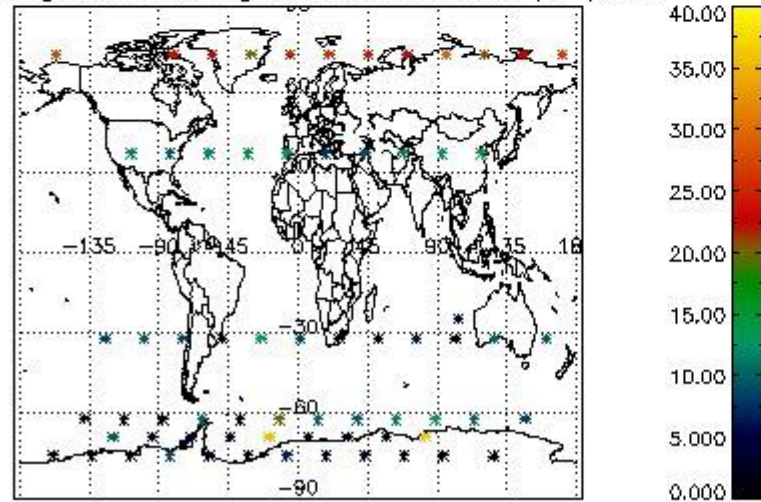
Percentage of cosmic ray hits per profile



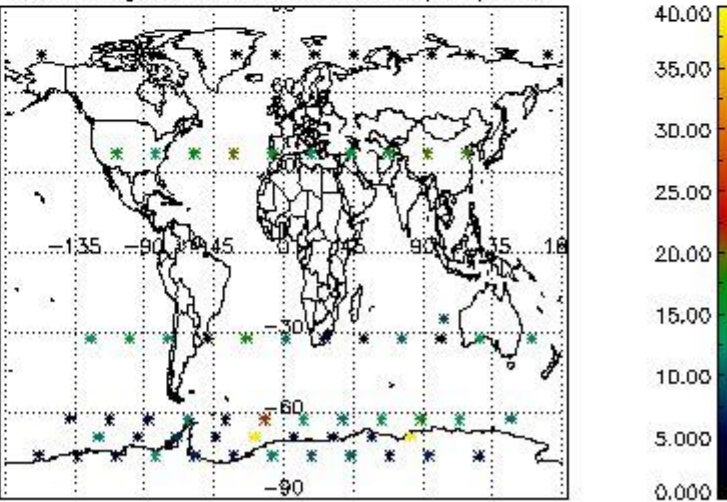
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

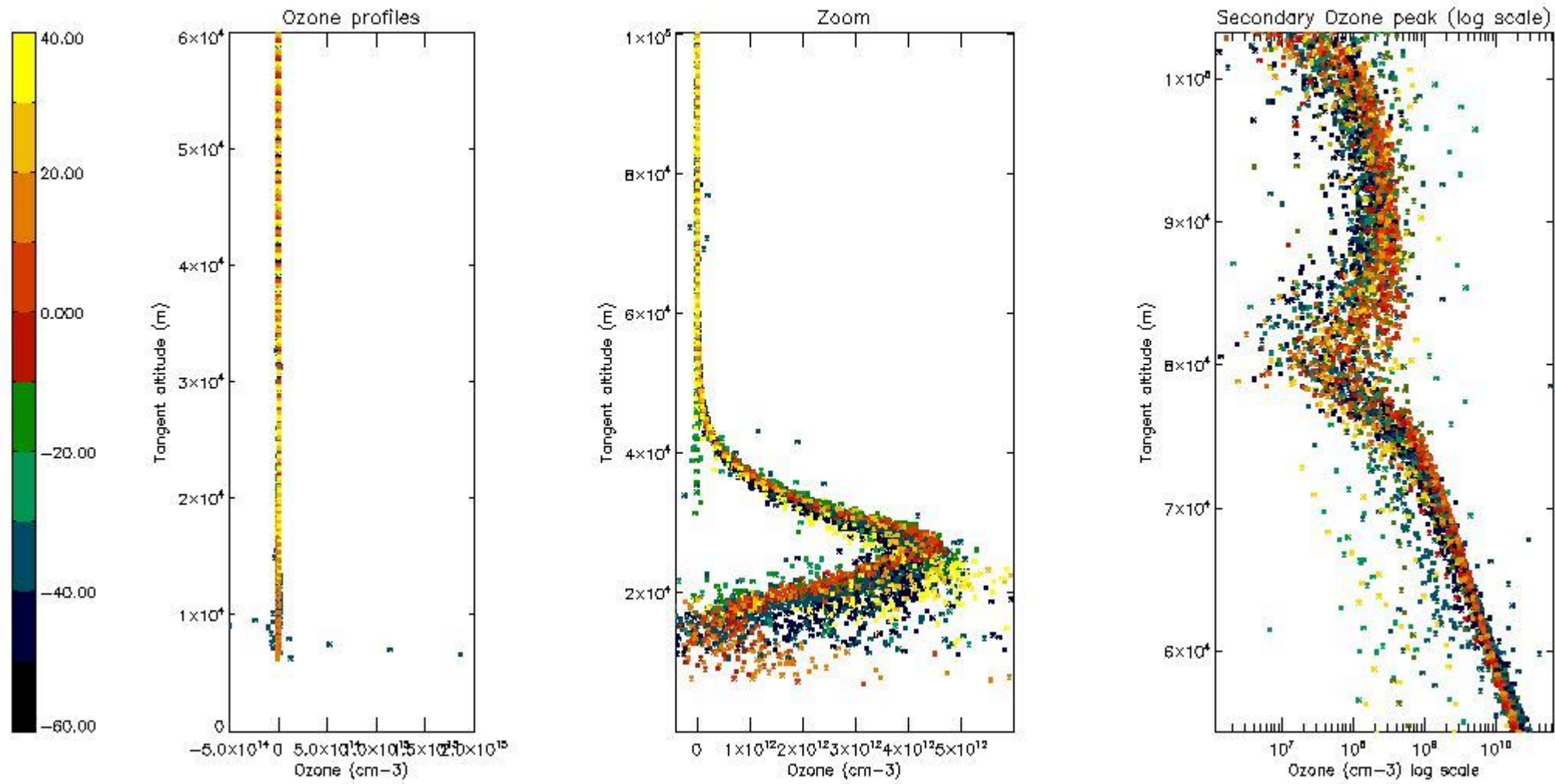
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	60
STD < 20	33

STD < 10	27
STD < 5	17

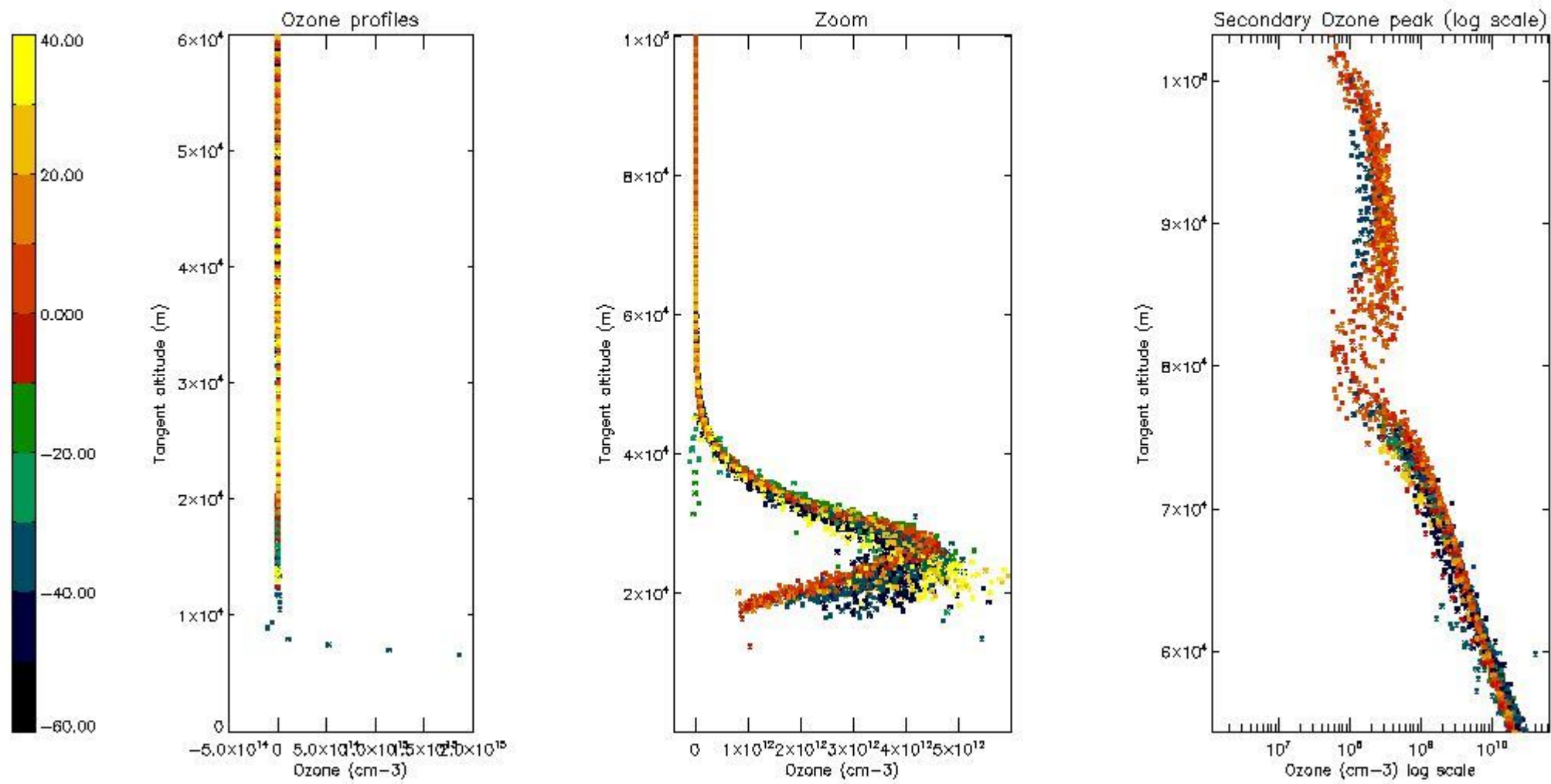
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



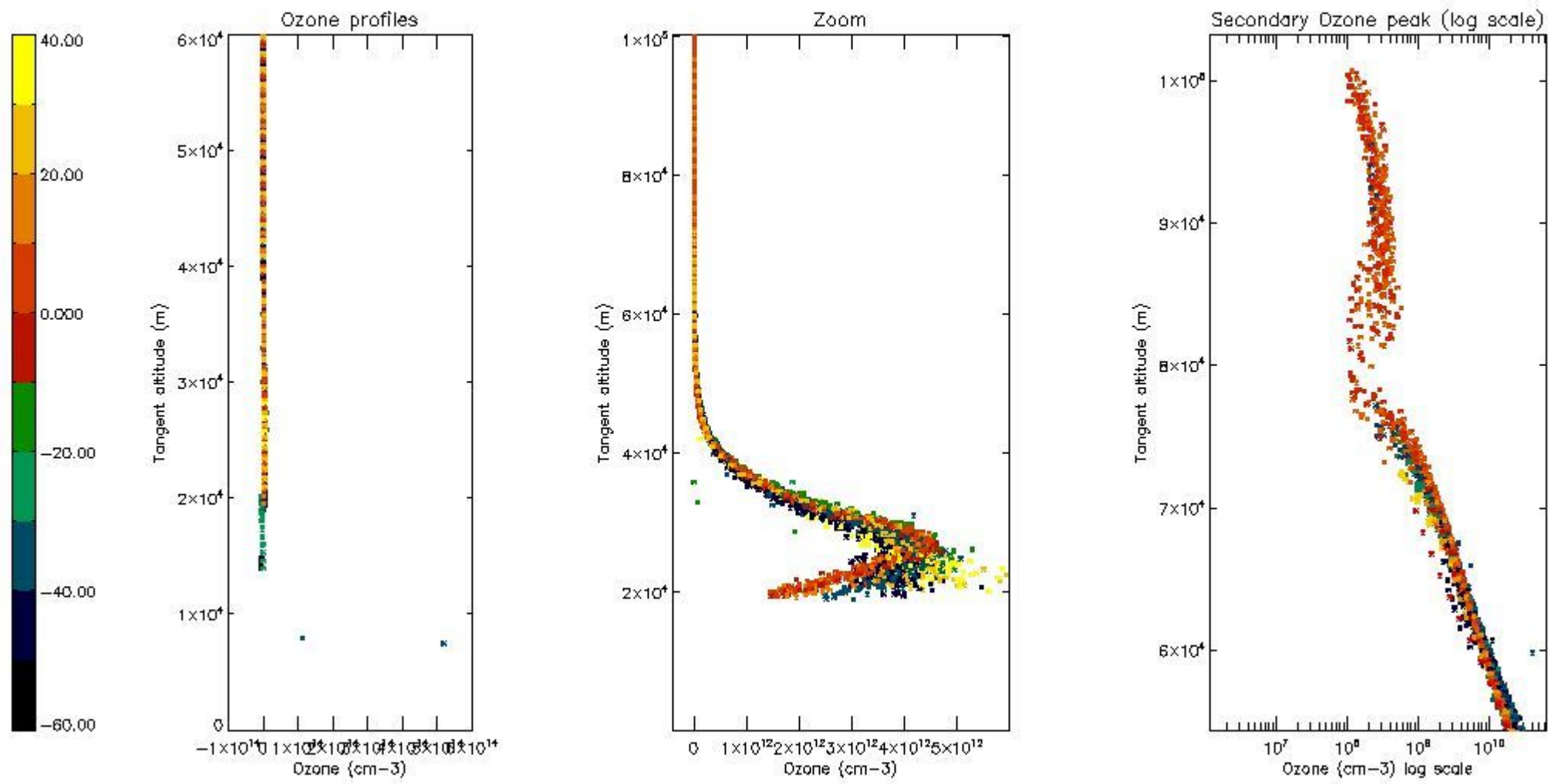
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



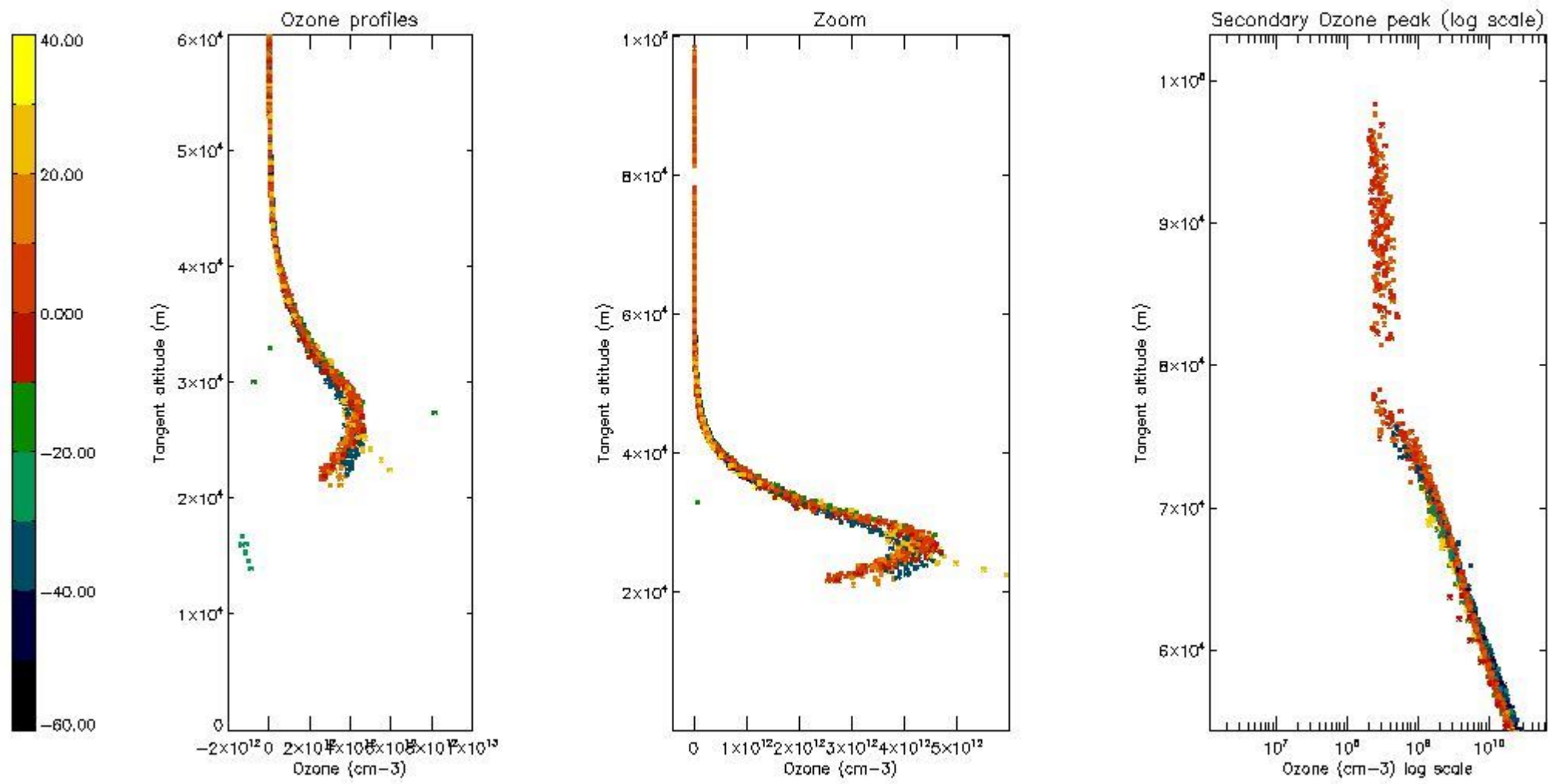
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



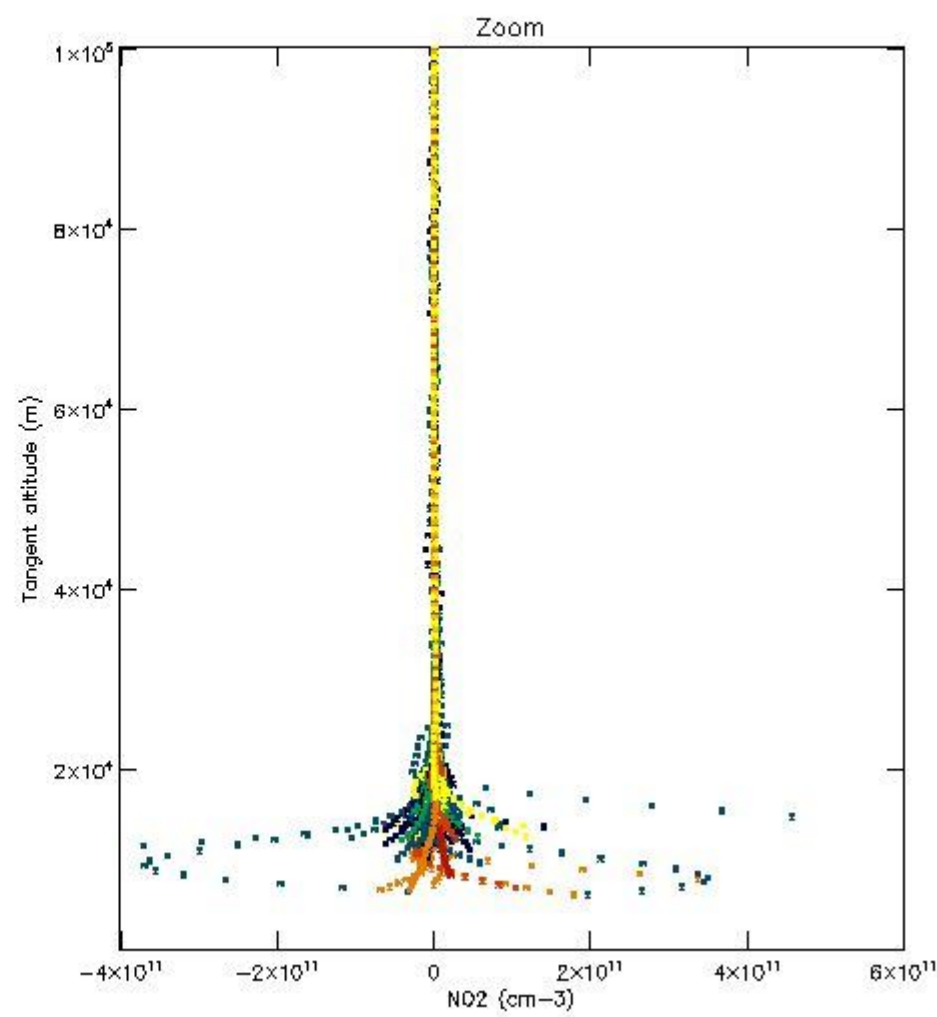
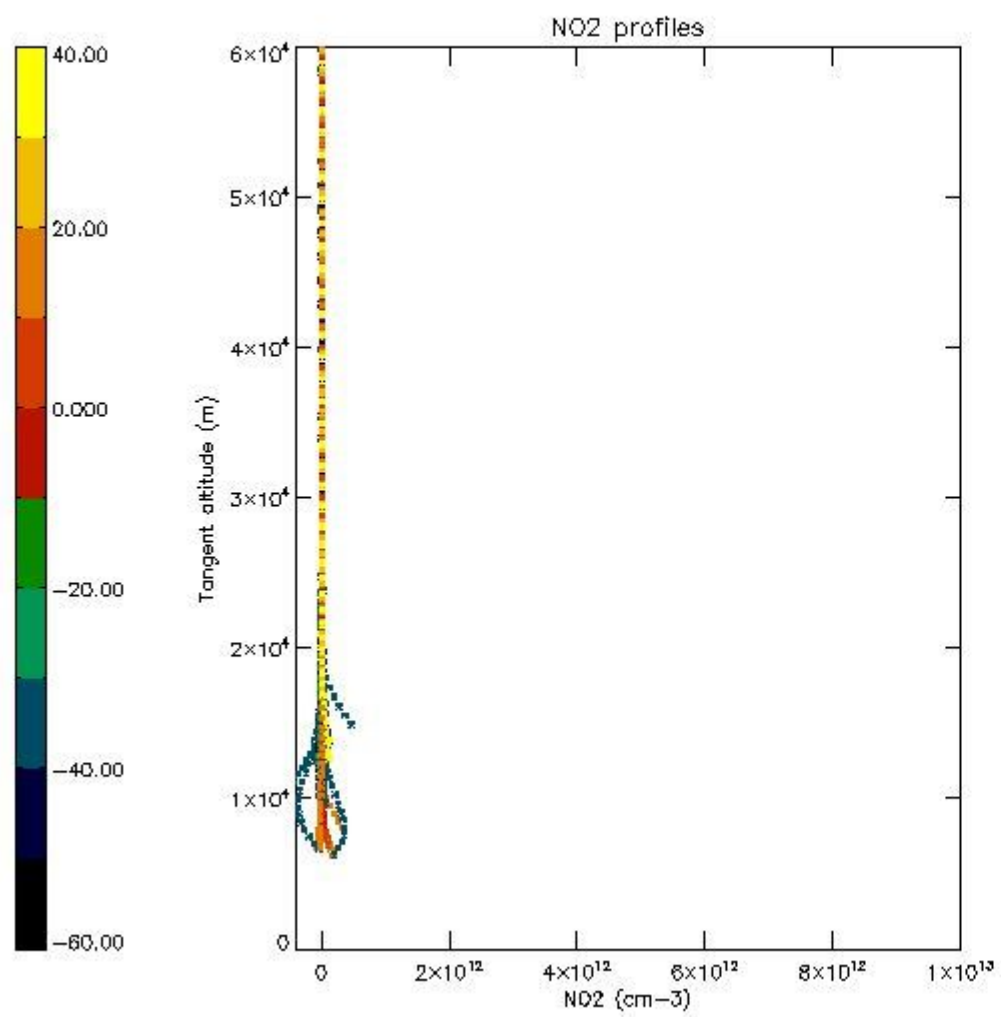
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



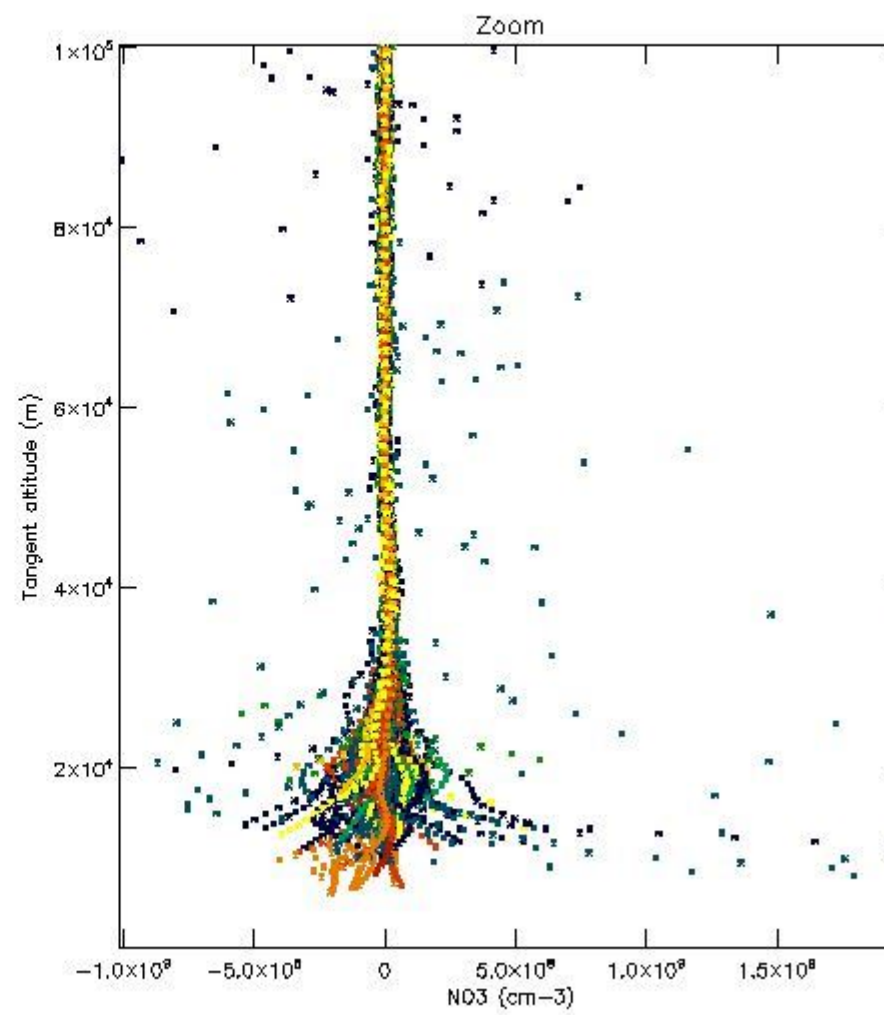
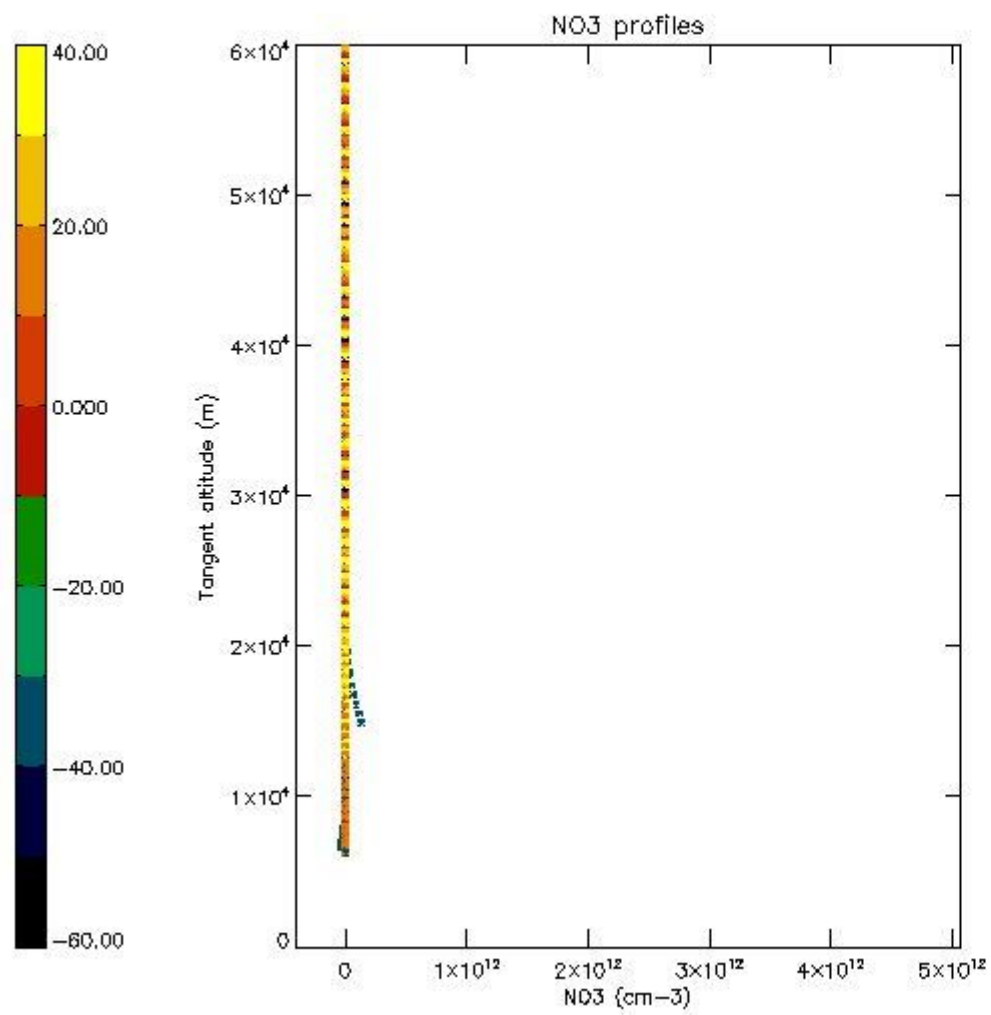
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	15-FEB-2010 00:01:43
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	15-FEB-2010 00:01:43
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	15-FEB-2010 00:01:43

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	26APR2013 17:25:52
Data source version	GOMOS/6.01
Start time of products	15-02-2010 (15FEB2010 00:00:00)
Stop time of products	16-02-2010 (16FEB2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	242
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__2PRFIN20100215_000143_000000532086_00488_41624_5170.N1	15-FEB-2010 00:01:43	Dark	52.500	86	35Eta Oph	2.4300	10200.	105	41624	No
2	GOM_NL__2PRFIN20100215_000605_000000452086_00488_41624_5171.N1	15-FEB-2010 00:06:05	Dark	44.500	25	35Lam Sco	1.6200	28000.	89	41624	No
3	GOM_NL__2PRFIN20100215_001802_000000492086_00489_41625_5168.N1	15-FEB-2010 00:18:02	Dark	49.000	10	Bet Cen	0.61000	28000.	98	41625	No
4	GOM_NL__2PRFIN20100215_001922_000000442086_00489_41625_5169.N1	15-FEB-2010 00:19:22	Dark	43.500	77	Eps Cen	2.3030	28000.	87	41625	No
5	GOM_NL__2PRFIN20100215_002107_000000502086_00489_41625_5170.N1	15-FEB-2010 00:21:07	Dark	50.000	12	Alp1Cru	0.77500	30000.	100	41625	No
6	GOM_NL__2PRFIN20100215_002245_000000482086_00489_41625_5171.N1	15-FEB-2010 00:22:45	Dark	48.000	64	Gam Cen	2.2000	10600.	96	41625	No
7	GOM_NL__2PRFIN20100215_004033_000000532086_00489_41625_5172.N1	15-FEB-2010 00:40:33	Straylight	53.000	48	30Alp Hya	1.9770	4100.0	106	41625	No
8	GOM_NL__2PRFIN20100215_011051_000000432086_00489_41625_5173.N1	15-FEB-2010 01:10:51	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	41625	No
9	GOM_NL__2PRFIN20100215_011928_000000442086_00489_41625_5174.N1	15-FEB-2010 01:19:28	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	41625	No
10	GOM_NL__2PRFIN20100215_012342_000000372086_00489_41625_5175.N1	15-FEB-2010 01:23:42	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	41625	No
11	GOM_NL__2PRFIN20100215_013500_000000512086_00489_41625_5176.N1	15-FEB-2010 01:35:00	Bright	50.500	126	60Bet Oph	2.7700	4250.0	101	41625	No
12	GOM_NL__2PRFIN20100215_014642_000000442086_00489_41625_5177.N1	15-FEB-2010 01:46:42	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	41625	No
13	GOM_NL__2PRFIN20100215_015319_000000462086_00490_41626_5176.N1	15-FEB-2010 01:53:19	Dark	46.000	131	Gam Lup	2.8000	26000.	92	41626	No
14	GOM_NL__2PRFIN20100215_015506_000000402086_00490_41626_5177.N1	15-FEB-2010 01:55:06	Dark	39.500	134	Bet TrA	2.8100	6600.0	79	41626	No
15	GOM_NL__2PRFIN20100215_015839_000000502086_00490_41626_5178.N1	15-FEB-2010 01:58:39	Dark	50.000	10	Bet Cen	0.61000	28000.	100	41626	No
16	GOM_NL__2PRFIN20100215_015959_000000432086_00490_41626_5179.N1	15-FEB-2010 01:59:59	Dark	43.000	77	Eps Cen	2.3030	28000.	86	41626	No
17	GOM_NL__2PRFIN20100215_020144_000000522086_00490_41626_5180.N1	15-FEB-2010 02:01:44	Dark	51.500	12	Alp1Cru	0.77500	30000.	103	41626	No
18	GOM_NL__2PRFIN20100215_020322_000000462086_00490_41626_5181.N1	15-FEB-2010 02:03:22	Dark	46.000	64	Gam Cen	2.2000	10600.	92	41626	No
19	GOM_NL__2PRFIN20100215_020751_000000382086_00490_41626_5182.N1	15-FEB-2010 02:07:51	Dark	38.000	91	Kap Vel	2.4900	26000.	76	41626	No
20	GOM_NL__2PRFIN20100215_021110_000000482086_00490_41626_5183.N1	15-FEB-2010 02:11:10	Straylight	47.500	65	Lam Vel	2.2040	4400.0	95	41626	No
21	GOM_NL__2PRFIN20100215_022109_000000512086_00490_41626_5184.N1	15-FEB-2010 02:21:09	Straylight	50.500	48	30Alp Hya	1.9770	4100.0	101	41626	No
22	GOM_NL__2PRFIN20100215_023157_000000402086_00490_41626_5185.N1	15-FEB-2010 02:31:57	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	41626	No
23	GOM_NL__2PRFIN20100215_024920_000000362086_00490_41626_5186.N1	15-FEB-2010 02:49:20	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	41626	No
24	GOM_NL__2PRFIN20100215_025127_000000362086_00490_41626_5187.N1	15-FEB-2010 02:51:27	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	41626	No
25	GOM_NL__2PRFIN20100215_030004_000000452086_00490_41626_5188.N1	15-FEB-2010 03:00:04	Bright	45.000	130	23Bet Dra	2.7990	5800.0	90	41626	No
26	GOM_NL__2PRFIN20100215_030201_000000522086_00490_41626_5189.N1	15-FEB-2010 03:02:01	Bright	52.000	144	18Del Cyg	2.8600	11000.	104	41626	No
27	GOM_NL__2PRFIN20100215_030417_000000352086_00490_41626_5190.N1	15-FEB-2010 03:04:17	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	41626	No
28	GOM_NL__2PRFIN20100215_031112_000000382086_00490_41626_5191.N1	15-FEB-2010 03:11:12	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	41626	No
29	GOM_NL__2PRFIN20100215_031537_000000502086_00490_41626_5192.N1	15-FEB-2010 03:15:37	Bright	50.000	126	60Bet Oph	2.7700	4250.0	100	41626	No
30	GOM_NL__2PRFIN20100215_032257_000000462086_00490_41626_5193.N1	15-FEB-2010 03:22:57	Dark	46.000	86	35Eta Oph	2.4300	10200.	92	41626	No
31	GOM_NL__2PRFIN20100215_032511_000000422086_00490_41626_5194.N1	15-FEB-2010 03:25:11	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	41626	No
32	GOM_NL__2PRFIN20100215_032718_000000452086_00490_41626_5195.N1	15-FEB-2010 03:27:18	Dark	45.000	25	35Lam Sco	1.6200	28000.	90	41626	No
33	GOM_NL__2PRFIN20100215_032835_000000482086_00490_41626_5196.N1	15-FEB-2010 03:28:35	Dark	47.500	40	The Sco	1.8590	7100.0	95	41626	No
34	GOM_NL__2PRFIN20100215_033021_000000382086_00490_41626_5197.N1	15-FEB-2010 03:30:21	Dark	38.000	147	Alp Ara	2.8770	26000.	76	41626	No
35	GOM_NL__2PRFIN20100215_033356_000000462086_00491_41627_5184.N1	15-FEB-2010 03:33:56	Dark	45.500	131	Gam Lup	2.8000	26000.	91	41627	No
36	GOM_NL__2PRFIN20100215_033543_000000402086_00491_41627_5185.N1	15-FEB-2010 03:35:43	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	41627	No
37	GOM_NL__2PRFIN20100215_033915_000000442086_00491_41627_5186.N1	15-FEB-2010 03:39:15	Dark	44.000	10	Bet Cen	0.61000	28000.	88	41627	No
38	GOM_NL__2PRFIN20100215_034036_000000432086_00491_41627_5187.N1	15-FEB-2010 03:40:36	Dark	43.000	77	Eps Cen	2.3030	28000.	86	41627	No
39	GOM_NL__2PRFIN20100215_034220_000000452086_00491_41627_5188.N1	15-FEB-2010 03:42:20	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	41627	No
40	GOM_NL__2PRFIN20100215_034358_000000452086_00491_41627_5189.N1	15-FEB-2010 03:43:58	Dark	45.000	64	Gam Cen	2.2000	10600.	90	41627	No
41	GOM_NL__2PRFIN20100215_034827_000000422086_00491_41627_5190.N1	15-FEB-2010 03:48:27	Dark	41.500	91	Kap Vel	2.4900	26000.	83	41627	No
42	GOM_NL__2PRFIN20100215_035146_000000462086_00491_41627_5191.N1	15-FEB-2010 03:51:46	Straylight	45.500	65	Lam Vel	2.2040	4400.0	91	41627	No

43	GOM_NL__2PRFIN20100215_040145_000000492086_00491_41627_5192.N1	15-FEB-2010 04:01:45	Straylight	48.500	48	30Alp Hya	1.9770	4100.0	97	41627	No
44	GOM_NL__2PRFIN20100215_041233_000000402086_00491_41627_5193.N1	15-FEB-2010 04:12:33	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	41627	No
45	GOM_NL__2PRFIN20100215_043203_000000402086_00491_41627_5194.N1	15-FEB-2010 04:32:03	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	41627	No
46	GOM_NL__2PRFIN20100215_044040_000000442086_00491_41627_5195.N1	15-FEB-2010 04:40:40	Bright	44.000	130	23Bet Dra	2.7990	5800.0	88	41627	No
47	GOM_NL__2PRFIN20100215_044237_000000342086_00491_41627_5196.N1	15-FEB-2010 04:42:37	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	41627	No
48	GOM_NL__2PRFIN20100215_044454_000000382086_00491_41627_5197.N1	15-FEB-2010 04:44:54	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	41627	No
49	GOM_NL__2PRFIN20100215_045149_000000522086_00491_41627_5198.N1	15-FEB-2010 04:51:49	Bright	52.000	168	17Zet Aql	2.9860	11000.	104	41627	No
50	GOM_NL__2PRFIN20100215_045613_000000522086_00491_41627_5199.N1	15-FEB-2010 04:56:13	Bright	51.500	126	60Bet Oph	2.7700	4250.0	103	41627	No
51	GOM_NL__2PRFIN20100215_050334_000000502086_00491_41627_5200.N1	15-FEB-2010 05:03:34	Dark	50.000	86	35Eta Oph	2.4300	10200.	100	41627	No
52	GOM_NL__2PRFIN20100215_050547_000000432086_00491_41627_5201.N1	15-FEB-2010 05:05:47	Dark	42.500	38	20Eps Sgr	1.8360	11000.	85	41627	No
53	GOM_NL__2PRFIN20100215_050755_000000442086_00491_41627_5202.N1	15-FEB-2010 05:07:55	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	41627	No
54	GOM_NL__2PRFIN20100215_050911_000000422086_00491_41627_5203.N1	15-FEB-2010 05:09:11	Dark	42.000	40	The Sco	1.8590	7100.0	84	41627	No
55	GOM_NL__2PRFIN20100215_051057_000000392086_00491_41627_5204.N1	15-FEB-2010 05:10:57	Dark	38.500	147	Alp Ara	2.8770	26000.	77	41627	No
56	GOM_NL__2PRFIN20100215_051433_000000472086_00492_41628_5192.N1	15-FEB-2010 05:14:33	Dark	47.000	131	Gam Lup	2.8000	26000.	94	41628	No
57	GOM_NL__2PRFIN20100215_051619_000000392086_00492_41628_5193.N1	15-FEB-2010 05:16:19	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	41628	No
58	GOM_NL__2PRFIN20100215_051952_000000412086_00492_41628_5194.N1	15-FEB-2010 05:19:52	Dark	41.000	10	Bet Cen	0.61000	28000.	82	41628	No
59	GOM_NL__2PRFIN20100215_052113_000000452086_00492_41628_5195.N1	15-FEB-2010 05:21:13	Dark	44.500	77	Eps Cen	2.3030	28000.	89	41628	No
60	GOM_NL__2PRFIN20100215_052257_000000512086_00492_41628_5196.N1	15-FEB-2010 05:22:57	Dark	50.500	12	Alp1Cru	0.77500	30000.	101	41628	No
61	GOM_NL__2PRFIN20100215_052435_000000472086_00492_41628_5197.N1	15-FEB-2010 05:24:35	Dark	47.000	64	Gam Cen	2.2000	10600.	94	41628	No
62	GOM_NL__2PRFIN20100215_052904_000000392086_00492_41628_5198.N1	15-FEB-2010 05:29:04	Dark	39.000	91	Kap Vel	2.4900	26000.	78	41628	No
63	GOM_NL__2PRFIN20100215_053223_000000432086_00492_41628_5199.N1	15-FEB-2010 05:32:23	Straylight	43.000	65	Lam Vel	2.2040	4400.0	86	41628	No
64	GOM_NL__2PRFIN20100215_054221_000000552086_00492_41628_5200.N1	15-FEB-2010 05:42:21	Straylight	54.500	48	30Alp Hya	1.9770	4100.0	109	41628	No
65	GOM_NL__2PRFIN20100215_055309_000000392086_00492_41628_5201.N1	15-FEB-2010 05:53:09	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	41628	No
66	GOM_NL__2PRFIN20100215_061239_000000362086_00492_41628_5202.N1	15-FEB-2010 06:12:39	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	41628	No
67	GOM_NL__2PRFIN20100215_062116_000000422086_00492_41628_5203.N1	15-FEB-2010 06:21:16	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	41628	No
68	GOM_NL__2PRFIN20100215_062313_000000342086_00492_41628_5204.N1	15-FEB-2010 06:23:13	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	41628	No
69	GOM_NL__2PRFIN20100215_062530_000000382086_00492_41628_5205.N1	15-FEB-2010 06:25:30	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	41628	No
70	GOM_NL__2PRFIN20100215_063225_000000522086_00492_41628_5206.N1	15-FEB-2010 06:32:25	Bright	52.000	168	17Zet Aql	2.9860	11000.	104	41628	No
71	GOM_NL__2PRFIN20100215_063650_000000522086_00492_41628_5207.N1	15-FEB-2010 06:36:50	Bright	51.500	126	60Bet Oph	2.7700	4250.0	103	41628	No
72	GOM_NL__2PRFIN20100215_064410_000000512086_00492_41628_5208.N1	15-FEB-2010 06:44:10	Dark	51.000	86	35Eta Oph	2.4300	10200.	102	41628	No
73	GOM_NL__2PRFIN20100215_064623_000000442086_00492_41628_5209.N1	15-FEB-2010 06:46:23	Dark	43.500	38	20Eps Sgr	1.8360	11000.	87	41628	No
74	GOM_NL__2PRFIN20100215_064831_000000442086_00492_41628_5210.N1	15-FEB-2010 06:48:31	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	41628	No
75	GOM_NL__2PRFIN20100215_064948_000000422086_00492_41628_5211.N1	15-FEB-2010 06:49:48	Dark	42.000	40	The Sco	1.8590	7100.0	84	41628	No
76	GOM_NL__2PRFIN20100215_065134_000000412086_00492_41628_5212.N1	15-FEB-2010 06:51:34	Dark	41.000	147	Alp Ara	2.8770	26000.	82	41628	No
77	GOM_NL__2PRFIN20100215_065510_000000462086_00493_41629_5200.N1	15-FEB-2010 06:55:10	Dark	45.500	131	Gam Lup	2.8000	26000.	91	41629	No
78	GOM_NL__2PRFIN20100215_065655_000000412086_00493_41629_5201.N1	15-FEB-2010 06:56:55	Dark	41.000	134	Bet TrA	2.8100	6600.0	82	41629	No
79	GOM_NL__2PRFIN20100215_070029_000000392086_00493_41629_5202.N1	15-FEB-2010 07:00:29	Dark	39.000	10	Bet Cen	0.61000	28000.	78	41629	No
80	GOM_NL__2PRFIN20100215_070149_000000512086_00493_41629_5203.N1	15-FEB-2010 07:01:49	Dark	51.000	77	Eps Cen	2.3030	28000.	102	41629	No
81	GOM_NL__2PRFIN20100215_070333_000000472086_00493_41629_5204.N1	15-FEB-2010 07:03:33	Dark	47.000	12	Alp1Cru	0.77500	30000.	94	41629	No
82	GOM_NL__2PRFIN20100215_070512_000000462086_00493_41629_5205.N1	15-FEB-2010 07:05:12	Dark	46.000	64	Gam Cen	2.2000	10600.	92	41629	No
83	GOM_NL__2PRFIN20100215_070940_000000402086_00493_41629_5206.N1	15-FEB-2010 07:09:40	Dark	39.500	91	Kap Vel	2.4900	26000.	79	41629	No
84	GOM_NL__2PRFIN20100215_071259_000000452086_00493_41629_5207.N1	15-FEB-2010 07:12:59	Straylight	44.500	65	Lam Vel	2.2040	4400.0	89	41629	No
85	GOM_NL__2PRFIN20100215_072257_000000502086_00493_41629_5208.N1	15-FEB-2010 07:22:57	Straylight	49.500	48	30Alp Hya	1.9770	4100.0	99	41629	No
86	GOM_NL__2PRFIN20100215_073345_000000382086_00493_41629_5209.N1	15-FEB-2010 07:33:45	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	41629	No
87	GOM_NL__2PRFIN20100215_075314_000000382086_00493_41629_5210.N1	15-FEB-2010 07:53:14	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	41629	No
88	GOM_NL__2PRFIN20100215_080152_000000442086_00493_41629_5211.N1	15-FEB-2010 08:01:52	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	41629	No
89	GOM_NL__2PRFIN20100215_080350_000000342086_00493_41629_5212.N1	15-FEB-2010 08:03:50	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	41629	No
90	GOM_NL__2PRFIN20100215_080605_000000392086_00493_41629_5213.N1	15-FEB-2010 08:06:05	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	41629	No
91	GOM_NL__2PRFIN20100215_081301_000000342086_00493_41629_5214.N1	15-FEB-2010 08:13:01	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	41629	No
92	GOM_NL__2PRFIN20100215_081726_000000512086_00493_41629_5215.N1	15-FEB-2010 08:17:26	Bright	50.500	126	60Bet Oph	2.7700	4250.0	101	41629	No
93	GOM_NL__2PRFIN20100215_082447_000000512086_00493_41629_5216.N1	15-FEB-2010 08:24:47	Dark	51.000	86	35Eta Oph	2.4300	10200.	102	41629	No
94	GOM_NL__2PRFIN20100215_082700_000000422086_00493_41629_5217.N1	15-FEB-2010 08:27:00	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	41629	No
95	GOM_NL__2PRFIN20100215_082908_000000422086_00493_41629_5218.N1	15-FEB-2010 08:29:08	Dark	41.500	25	35Lam Sco	1.6200	28000.	83	41629	No
96	GOM_NL__2PRFIN20100215_083025_000000502086_00493_41629_5219.N1	15-FEB-2010 08:30:25	Dark	50.000	40	The Sco	1.8590	7100.0	100	41629	No
97	GOM_NL__2PRFIN20100215_083210_000000402086_00493_41629_5220.N1	15-FEB-2010 08:32:10	Dark	40.000	147	Alp Ara	2.8770	26000.	80	41629	No
98	GOM_NL__2PRFIN20100215_083547_000000452086_00494_41630_5208.N1	15-FEB-2010 08:35:47	Dark	45.000	131	Gam Lup	2.8000	26000.	90	41630	No
99	GOM_NL__2PRFIN20100215_083732_000000402086_00494_41630_5209.N1	15-FEB-2010 08:37:32	Dark	40.000	134	Bet TrA	2.8100	6600.0	80	41630	No
100	GOM_NL__2PRFIN20100215_084105_000000442086_00494_41630_5210.N1	15-FEB-2010 08:41:05	Dark	44.000	10	Bet Cen	0.61000	28000.	88	41630	No
101	GOM_NL__2PRFIN20100215_084226_000000432086_00494_41630_5211.N1	15-FEB-2010 08:42:26	Dark	43.000	77	Eps Cen	2.3030	28000.	86	41630	No

102	GOM_NL__2PRFIN20100215_084410_000000472086_00494_41630_5212.N1	15-FEB-2010 08:44:10	Dark	46.500	12	Alp1Cru	0.77500	30000.	93	41630	No
103	GOM_NL__2PRFIN20100215_084548_000000462086_00494_41630_5213.N1	15-FEB-2010 08:45:48	Dark	45.500	64	Gam Cen	2.2000	10600.	91	41630	No
104	GOM_NL__2PRFIN20100215_085016_000000402086_00494_41630_5214.N1	15-FEB-2010 08:50:16	Dark	40.000	91	Kap Vel	2.4900	26000.	80	41630	No
105	GOM_NL__2PRFIN20100215_085335_000000462086_00494_41630_5215.N1	15-FEB-2010 08:53:35	Straylight	45.500	65	Lam Vel	2.2040	4400.0	91	41630	No
106	GOM_NL__2PRFIN20100215_090333_000000512086_00494_41630_5216.N1	15-FEB-2010 09:03:33	Straylight	50.500	48	30Alp Hya	1.9770	4100.0	101	41630	No
107	GOM_NL__2PRFIN20100215_091421_000000382086_00494_41630_5217.N1	15-FEB-2010 09:14:21	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	41630	No
108	GOM_NL__2PRFIN20100215_093350_000000422086_00494_41630_5218.N1	15-FEB-2010 09:33:50	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	41630	No
109	GOM_NL__2PRFIN20100215_094227_000000492086_00494_41630_5219.N1	15-FEB-2010 09:42:27	Bright	48.500	130	23Bet Dra	2.7990	5800.0	97	41630	No
110	GOM_NL__2PRFIN20100215_094426_000000522086_00494_41630_5220.N1	15-FEB-2010 09:44:26	Bright	52.000	144	18Del Cyg	2.8600	11000.	104	41630	No
111	GOM_NL__2PRFIN20100215_094642_000000362086_00494_41630_5221.N1	15-FEB-2010 09:46:42	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	41630	No
112	GOM_NL__2PRFIN20100215_095337_000000352086_00494_41630_5222.N1	15-FEB-2010 09:53:37	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	41630	No
113	GOM_NL__2PRFIN20100215_095803_000000532086_00494_41630_5223.N1	15-FEB-2010 09:58:03	Bright	52.500	126	60Bet Oph	2.7700	4250.0	105	41630	No
114	GOM_NL__2PRFIN20100215_100524_000000462086_00494_41630_5224.N1	15-FEB-2010 10:05:24	Dark	46.000	86	35Eta Oph	2.4300	10200.	92	41630	No
115	GOM_NL__2PRFIN20100215_100736_000000442086_00494_41630_5225.N1	15-FEB-2010 10:07:36	Dark	44.000	38	20Eps Sgr	1.8360	11000.	88	41630	No
116	GOM_NL__2PRFIN20100215_100944_000000442086_00494_41630_5226.N1	15-FEB-2010 10:09:44	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	41630	No
117	GOM_NL__2PRFIN20100215_101101_000000432086_00494_41630_5227.N1	15-FEB-2010 10:11:01	Dark	43.000	40	The Sco	1.8590	7100.0	86	41630	No
118	GOM_NL__2PRFIN20100215_101247_000000392086_00494_41630_5228.N1	15-FEB-2010 10:12:47	Dark	39.000	147	Alp Ara	2.8770	26000.	78	41630	No
119	GOM_NL__2PRFIN20100215_101413_000000412086_00494_41630_5229.N1	15-FEB-2010 10:14:13	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	41630	No
120	GOM_NL__2PRFIN20100215_101624_000000452086_00495_41631_5216.N1	15-FEB-2010 10:16:24	Dark	45.000	131	Gam Lup	2.8000	26000.	90	41631	No
121	GOM_NL__2PRFIN20100215_101808_000000392086_00495_41631_5217.N1	15-FEB-2010 10:18:08	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	41631	No
122	GOM_NL__2PRFIN20100215_102142_000000442086_00495_41631_5218.N1	15-FEB-2010 10:21:42	Dark	43.500	10	Bet Cen	0.61000	28000.	87	41631	No
123	GOM_NL__2PRFIN20100215_102303_000000442086_00495_41631_5219.N1	15-FEB-2010 10:23:03	Dark	44.000	77	Eps Cen	2.3030	28000.	88	41631	No
124	GOM_NL__2PRFIN20100215_102446_000000482086_00495_41631_5220.N1	15-FEB-2010 10:24:46	Dark	48.000	12	Alp1Cru	0.77500	30000.	96	41631	No
125	GOM_NL__2PRFIN20100215_102625_000000462086_00495_41631_5221.N1	15-FEB-2010 10:26:25	Dark	46.000	64	Gam Cen	2.2000	10600.	92	41631	No
126	GOM_NL__2PRFIN20100215_103052_000000372086_00495_41631_5222.N1	15-FEB-2010 10:30:52	Dark	36.500	91	Kap Vel	2.4900	26000.	73	41631	No
127	GOM_NL__2PRFIN20100215_103411_000000432086_00495_41631_5223.N1	15-FEB-2010 10:34:11	Straylight	43.000	65	Lam Vel	2.2040	4400.0	86	41631	No
128	GOM_NL__2PRFIN20100215_104409_000000522086_00495_41631_5224.N1	15-FEB-2010 10:44:09	Straylight	51.500	48	30Alp Hya	1.9770	4100.0	103	41631	No
129	GOM_NL__2PRFIN20100215_105457_000000392086_00495_41631_5225.N1	15-FEB-2010 10:54:57	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	41631	No
130	GOM_NL__2PRFIN20100215_111425_000000452086_00495_41631_5226.N1	15-FEB-2010 11:14:25	Bright	45.000	60	7Bet UMi	2.0810	3950.0	90	41631	No
131	GOM_NL__2PRFIN20100215_112303_000000382086_00495_41631_5227.N1	15-FEB-2010 11:23:03	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	41631	No
132	GOM_NL__2PRFIN20100215_112501_000000342086_00495_41631_5228.N1	15-FEB-2010 11:25:01	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	41631	No
133	GOM_NL__2PRFIN20100215_112718_000000372086_00495_41631_5229.N1	15-FEB-2010 11:27:18	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	41631	No
134	GOM_NL__2PRFIN20100215_113413_000000342086_00495_41631_5230.N1	15-FEB-2010 11:34:13	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	41631	No
135	GOM_NL__2PRFIN20100215_113839_000000522086_00495_41631_5231.N1	15-FEB-2010 11:38:39	Bright	51.500	126	60Bet Oph	2.7700	4250.0	103	41631	No
136	GOM_NL__2PRFIN20100215_114601_000000522086_00495_41631_5232.N1	15-FEB-2010 11:46:01	Dark	52.000	86	35Eta Oph	2.4300	10200.	104	41631	No
137	GOM_NL__2PRFIN20100215_114812_000000452086_00495_41631_5233.N1	15-FEB-2010 11:48:12	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	41631	No
138	GOM_NL__2PRFIN20100215_115021_000000412086_00495_41631_5234.N1	15-FEB-2010 11:50:21	Dark	41.000	25	35Lam Sco	1.6200	28000.	82	41631	No
139	GOM_NL__2PRFIN20100215_115137_000000442086_00495_41631_5235.N1	15-FEB-2010 11:51:37	Dark	44.000	40	The Sco	1.8590	7100.0	88	41631	No
140	GOM_NL__2PRFIN20100215_115323_000000382086_00495_41631_5236.N1	15-FEB-2010 11:53:23	Dark	38.000	147	Alp Ara	2.8770	26000.	76	41631	No
141	GOM_NL__2PRFIN20100215_115450_000000422086_00495_41631_5237.N1	15-FEB-2010 11:54:50	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	41631	No
142	GOM_NL__2PRFIN20100215_115700_000000422086_00496_41632_5226.N1	15-FEB-2010 11:57:00	Dark	42.000	131	Gam Lup	2.8000	26000.	84	41632	No
143	GOM_NL__2PRFIN20100215_115844_000000382086_00496_41632_5227.N1	15-FEB-2010 11:58:44	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	41632	No
144	GOM_NL__2PRFIN20100215_120218_000000472086_00496_41632_5228.N1	15-FEB-2010 12:02:18	Dark	47.000	10	Bet Cen	0.61000	28000.	94	41632	No
145	GOM_NL__2PRFIN20100215_120339_000000432086_00496_41632_5229.N1	15-FEB-2010 12:03:39	Dark	42.500	77	Eps Cen	2.3030	28000.	85	41632	No
146	GOM_NL__2PRFIN20100215_120522_000000492086_00496_41632_5230.N1	15-FEB-2010 12:05:22	Dark	49.000	12	Alp1Cru	0.77500	30000.	98	41632	No
147	GOM_NL__2PRFIN20100215_120702_000000452086_00496_41632_5231.N1	15-FEB-2010 12:07:02	Dark	44.500	64	Gam Cen	2.2000	10600.	89	41632	No
148	GOM_NL__2PRFIN20100215_121128_000000382086_00496_41632_5232.N1	15-FEB-2010 12:11:28	Dark	38.000	91	Kap Vel	2.4900	26000.	76	41632	No
149	GOM_NL__2PRFIN20100215_121447_000000462086_00496_41632_5233.N1	15-FEB-2010 12:14:47	Straylight	45.500	65	Lam Vel	2.2040	4400.0	91	41632	No
150	GOM_NL__2PRFIN20100215_122445_000000492086_00496_41632_5234.N1	15-FEB-2010 12:24:45	Straylight	48.500	48	30Alp Hya	1.9770	4100.0	97	41632	No
151	GOM_NL__2PRFIN20100215_123533_000000402086_00496_41632_5235.N1	15-FEB-2010 12:35:33	Bright	40.000	17	78Bet Gem	1.1610	4500.0	80	41632	No
152	GOM_NL__2PRFIN20100215_125501_000000362086_00496_41632_5236.N1	15-FEB-2010 12:55:01	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	41632	No
153	GOM_NL__2PRFIN20100215_130339_000000432086_00496_41632_5237.N1	15-FEB-2010 13:03:39	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	41632	No
154	GOM_NL__2PRFIN20100215_130537_000000352086_00496_41632_5238.N1	15-FEB-2010 13:05:37	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	41632	No
155	GOM_NL__2PRFIN20100215_130754_000000402086_00496_41632_5239.N1	15-FEB-2010 13:07:54	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	41632	No
156	GOM_NL__2PRFIN20100215_131449_000000342086_00496_41632_5240.N1	15-FEB-2010 13:14:49	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	41632	No
157	GOM_NL__2PRFIN20100215_131916_000000512086_00496_41632_5241.N1	15-FEB-2010 13:19:16	Bright	51.000	126	60Bet Oph	2.7700	4250.0	102	41632	No
158	GOM_NL__2PRFIN20100215_132637_000000482086_00496_41632_5242.N1	15-FEB-2010 13:26:37	Dark	48.000	86	35Eta Oph	2.4300	10200.	96	41632	No
159	GOM_NL__2PRFIN20100215_132849_000000412086_00496_41632_5243.N1	15-FEB-2010 13:28:49	Dark	41.000	38	20Eps Sgr	1.8360	11000.	82	41632	No
160	GOM_NL__2PRFIN20100215_133057_000000452086_00496_41632_5244.N1	15-FEB-2010 13:30:57	Dark	45.000	25	35Lam Sco	1.6200	28000.	90	41632	No

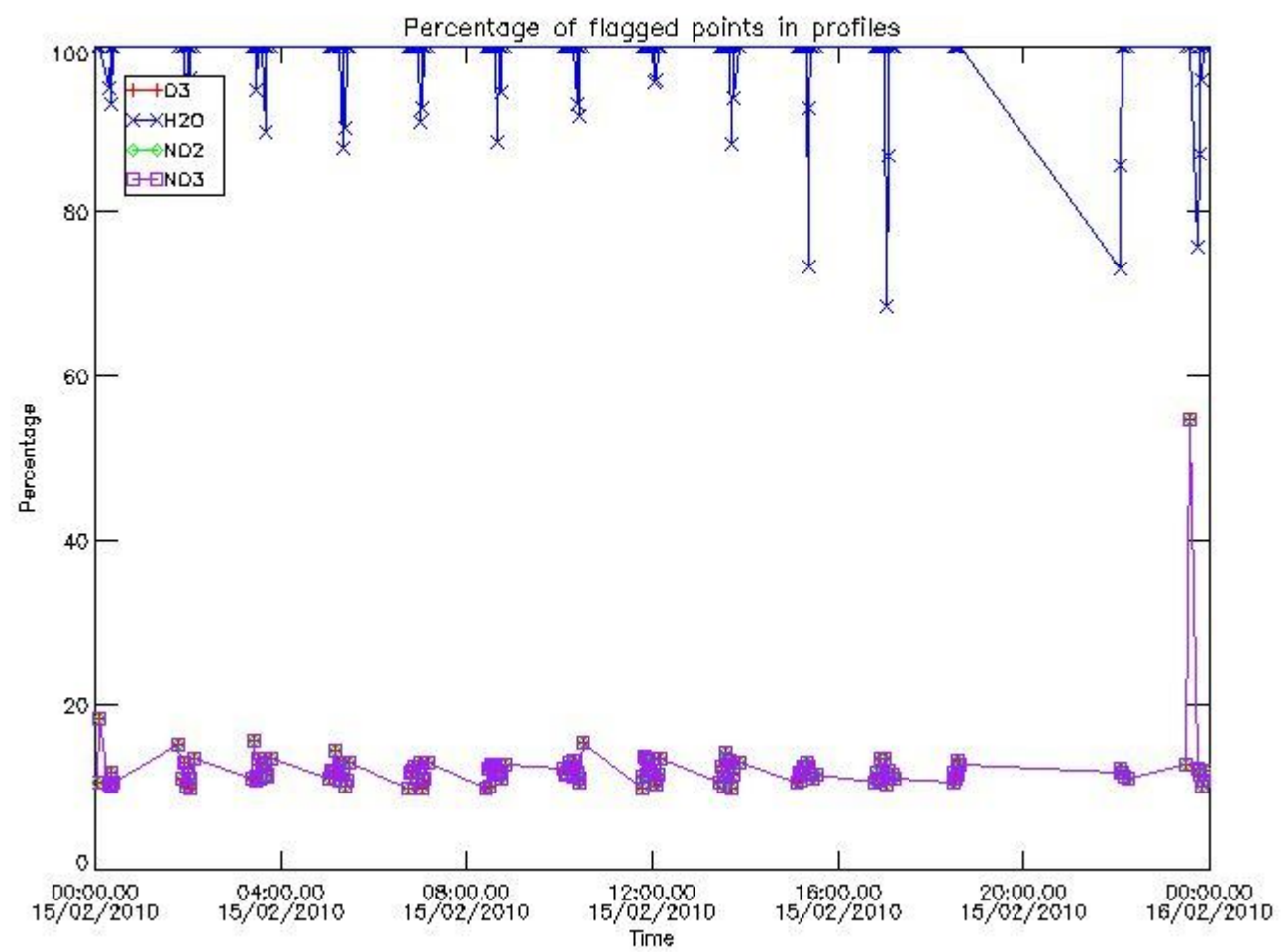
161	GOM_NL__2PRFIN20100215_133214_000000512086_00496_41632_5245.N1	15-FEB-2010 13:32:14	Dark	50.500	40	The Sco	1.8590	7100.0	101	41632	No
162	GOM_NL__2PRFIN20100215_133359_000000382086_00496_41632_5246.N1	15-FEB-2010 13:33:59	Dark	38.000	147	Alp Ara	2.8770	26000.	76	41632	No
163	GOM_NL__2PRFIN20100215_133526_000000402086_00496_41632_5247.N1	15-FEB-2010 13:35:26	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	41632	No
164	GOM_NL__2PRFIN20100215_133738_000000422086_00497_41633_5250.N1	15-FEB-2010 13:37:38	Dark	42.000	131	Gam Lup	2.8000	26000.	84	41633	No
165	GOM_NL__2PRFIN20100215_133921_000000392086_00497_41633_5251.N1	15-FEB-2010 13:39:21	Dark	38.500	134	Bet TrA	2.8100	6600.0	77	41633	No
166	GOM_NL__2PRFIN20100215_134255_000000522086_00497_41633_5252.N1	15-FEB-2010 13:42:55	Dark	51.500	10	Bet Cen	0.61000	28000.	103	41633	No
167	GOM_NL__2PRFIN20100215_134416_000000452086_00497_41633_5253.N1	15-FEB-2010 13:44:16	Dark	44.500	77	Eps Cen	2.3030	28000.	89	41633	No
168	GOM_NL__2PRFIN20100215_134559_000000412086_00497_41633_5254.N1	15-FEB-2010 13:45:59	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	41633	No
169	GOM_NL__2PRFIN20100215_135204_000000392086_00497_41633_5255.N1	15-FEB-2010 13:52:04	Dark	39.000	91	Kap Vel	2.4900	26000.	78	41633	No
170	GOM_NL__2PRFIN20100215_135523_000000452086_00497_41633_5256.N1	15-FEB-2010 13:55:23	Straylight	45.000	65	Lam Vel	2.2040	4400.0	90	41633	No
171	GOM_NL__2PRFIN20100215_140521_000000482086_00497_41633_5257.N1	15-FEB-2010 14:05:21	Straylight	47.500	48	30Alp Hya	1.9770	4100.0	95	41633	No
172	GOM_NL__2PRFIN20100215_141609_000000392086_00497_41633_5258.N1	15-FEB-2010 14:16:09	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	41633	No
173	GOM_NL__2PRFIN20100215_143537_000000422086_00497_41633_5259.N1	15-FEB-2010 14:35:37	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	41633	No
174	GOM_NL__2PRFIN20100215_144415_000000402086_00497_41633_5260.N1	15-FEB-2010 14:44:15	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	41633	No
175	GOM_NL__2PRFIN20100215_144614_000000342086_00497_41633_5261.N1	15-FEB-2010 14:46:14	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	41633	No
176	GOM_NL__2PRFIN20100215_144830_000000352086_00497_41633_5262.N1	15-FEB-2010 14:48:30	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	41633	No
177	GOM_NL__2PRFIN20100215_145525_000000342086_00497_41633_5263.N1	15-FEB-2010 14:55:25	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	41633	No
178	GOM_NL__2PRFIN20100215_150714_000000492086_00497_41633_5264.N1	15-FEB-2010 15:07:14	Dark	48.500	86	35Eta Oph	2.4300	10200.	97	41633	No
179	GOM_NL__2PRFIN20100215_150925_000000432086_00497_41633_5265.N1	15-FEB-2010 15:09:25	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	41633	No
180	GOM_NL__2PRFIN20100215_151134_000000442086_00497_41633_5266.N1	15-FEB-2010 15:11:34	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	41633	No
181	GOM_NL__2PRFIN20100215_151250_000000472086_00497_41633_5267.N1	15-FEB-2010 15:12:50	Dark	46.500	40	The Sco	1.8590	7100.0	93	41633	No
182	GOM_NL__2PRFIN20100215_151436_000000412086_00497_41633_5268.N1	15-FEB-2010 15:14:36	Dark	40.500	147	Alp Ara	2.8770	26000.	81	41633	No
183	GOM_NL__2PRFIN20100215_151602_000000412086_00497_41633_5269.N1	15-FEB-2010 15:16:02	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	41633	No
184	GOM_NL__2PRFIN20100215_151957_000000392086_00498_41634_5282.N1	15-FEB-2010 15:19:57	Dark	39.000	134	Bet TrA	2.8100	6600.0	78	41634	No
185	GOM_NL__2PRFIN20100215_152212_000000442086_00498_41634_5283.N1	15-FEB-2010 15:22:12	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	41634	No
186	GOM_NL__2PRFIN20100215_152331_000000412086_00498_41634_5284.N1	15-FEB-2010 15:23:31	Dark	41.000	10	Bet Cen	0.61000	28000.	82	41634	No
187	GOM_NL__2PRFIN20100215_152453_000000442086_00498_41634_5285.N1	15-FEB-2010 15:24:53	Dark	44.000	77	Eps Cen	2.3030	28000.	88	41634	No
188	GOM_NL__2PRFIN20100215_152815_000000462086_00498_41634_5286.N1	15-FEB-2010 15:28:15	Dark	46.000	64	Gam Cen	2.2000	10600.	92	41634	No
189	GOM_NL__2PRFIN20100215_153220_000000452086_00498_41634_5287.N1	15-FEB-2010 15:32:20	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	41634	No
190	GOM_NL__2PRFIN20100215_153559_000000452086_00498_41634_5288.N1	15-FEB-2010 15:35:59	Straylight	45.000	65	Lam Vel	2.2040	4400.0	90	41634	No
191	GOM_NL__2PRFIN20100215_154557_000000502086_00498_41634_5289.N1	15-FEB-2010 15:45:57	Straylight	50.000	48	30Alp Hya	1.9770	4100.0	100	41634	No
192	GOM_NL__2PRFIN20100215_155645_000000382086_00498_41634_5290.N1	15-FEB-2010 15:56:45	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	41634	No
193	GOM_NL__2PRFIN20100215_161612_000000432086_00498_41634_5291.N1	15-FEB-2010 16:16:12	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41634	No
194	GOM_NL__2PRFIN20100215_162451_000000382086_00498_41634_5292.N1	15-FEB-2010 16:24:51	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	41634	No
195	GOM_NL__2PRFIN20100215_162650_000000372086_00498_41634_5293.N1	15-FEB-2010 16:26:50	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	41634	No
196	GOM_NL__2PRFIN20100215_162906_000000352086_00498_41634_5294.N1	15-FEB-2010 16:29:06	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	41634	No
197	GOM_NL__2PRFIN20100215_163601_000000522086_00498_41634_5295.N1	15-FEB-2010 16:36:01	Bright	52.000	168	17Zet Aql	2.9860	11000.	104	41634	No
198	GOM_NL__2PRFIN20100215_164029_000000522086_00498_41634_5296.N1	15-FEB-2010 16:40:29	Tw_i_and_stray	51.500	126	60Bet Oph	2.7700	4250.0	103	41634	No
199	GOM_NL__2PRFIN20100215_164751_000000482086_00498_41634_5297.N1	15-FEB-2010 16:47:51	Dark	48.000	86	35Eta Oph	2.4300	10200.	96	41634	No
200	GOM_NL__2PRFIN20100215_165001_000000442086_00498_41634_5298.N1	15-FEB-2010 16:50:01	Dark	43.500	38	20Eps Sgr	1.8360	11000.	87	41634	No
201	GOM_NL__2PRFIN20100215_165210_000000462086_00498_41634_5299.N1	15-FEB-2010 16:52:10	Dark	46.000	25	35Lam Sco	1.6200	28000.	92	41634	No
202	GOM_NL__2PRFIN20100215_165327_000000472086_00498_41634_5300.N1	15-FEB-2010 16:53:27	Dark	47.000	40	The Sco	1.8590	7100.0	94	41634	No
203	GOM_NL__2PRFIN20100215_165512_000000382086_00498_41634_5301.N1	15-FEB-2010 16:55:12	Dark	37.500	147	Alp Ara	2.8770	26000.	75	41634	No
204	GOM_NL__2PRFIN20100215_165639_000000432086_00498_41634_5302.N1	15-FEB-2010 16:56:39	Dark	43.000	141	Bet Ara	2.8400	4600.0	86	41634	No
205	GOM_NL__2PRFIN20100215_170034_000000382086_00499_41635_5297.N1	15-FEB-2010 17:00:34	Dark	38.000	134	Bet TrA	2.8100	6600.0	76	41635	No
206	GOM_NL__2PRFIN20100215_170249_000000502086_00499_41635_5298.N1	15-FEB-2010 17:02:49	Dark	49.500	4	Alp1Cen	-0.010000	5800.0	99	41635	No
207	GOM_NL__2PRFIN20100215_170408_000000462086_00499_41635_5299.N1	15-FEB-2010 17:04:08	Dark	46.000	10	Bet Cen	0.61000	28000.	92	41635	No
208	GOM_NL__2PRFIN20100215_170529_000000432086_00499_41635_5300.N1	15-FEB-2010 17:05:29	Dark	42.500	77	Eps Cen	2.3030	28000.	85	41635	No
209	GOM_NL__2PRFIN20100215_170852_000000452086_00499_41635_5301.N1	15-FEB-2010 17:08:52	Dark	44.500	64	Gam Cen	2.2000	10600.	89	41635	No
210	GOM_NL__2PRFIN20100215_171257_000000462086_00499_41635_5302.N1	15-FEB-2010 17:12:57	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	41635	No
211	GOM_NL__2PRFIN20100215_171636_000000452086_00499_41635_5303.N1	15-FEB-2010 17:16:36	Straylight	44.500	65	Lam Vel	2.2040	4400.0	89	41635	No
212	GOM_NL__2PRFIN20100215_172632_000000512086_00499_41635_5304.N1	15-FEB-2010 17:26:32	Straylight	50.500	48	30Alp Hya	1.9770	4100.0	101	41635	No
213	GOM_NL__2PRFIN20100215_173721_000000392086_00499_41635_5305.N1	15-FEB-2010 17:37:21	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	41635	No
214	GOM_NL__2PRFIN20100215_175648_000000432086_00499_41635_5306.N1	15-FEB-2010 17:56:48	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41635	No
215	GOM_NL__2PRFIN20100215_180526_000000392086_00499_41635_5307.N1	15-FEB-2010 18:05:26	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	41635	No
216	GOM_NL__2PRFIN20100215_180942_000000362086_00499_41635_5308.N1	15-FEB-2010 18:09:42	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	41635	No
217	GOM_NL__2PRFIN20100215_181638_000000522086_00499_41635_5309.N1	15-FEB-2010 18:16:38	Bright	52.000	168	17Zet Aql	2.9860	11000.	104	41635	No
218	GOM_NL__2PRFIN20100215_182105_000000512086_00499_41635_5310.N1	15-FEB-2010 18:21:05	Tw_i_and_stray	51.000	126	60Bet Oph	2.7700	4250.0	102	41635	No
219	GOM_NL__2PRFIN20100215_182828_000000482086_00499_41635_5311.N1	15-FEB-2010 18:28:28	Dark	48.000	86	35Eta Oph	2.4300	10200.	96	41635	No

220	GOM_NL__2PRFIN20100215_183037_000000442086_00499_41635_5312.N1	15-FEB-2010 18:30:37	Dark	43.500	38	20Eps Sgr	1.8360	11000.	87	41635	No
221	GOM_NL__2PRFIN20100215_183247_000000462086_00499_41635_5313.N1	15-FEB-2010 18:32:47	Dark	46.000	25	35Lam Sco	1.6200	28000.	92	41635	No
222	GOM_NL__2PRFIN20100215_183403_000000452086_00499_41635_5314.N1	15-FEB-2010 18:34:03	Dark	44.500	40	The Sco	1.8590	7100.0	89	41635	No
223	GOM_NL__2PRFIN20100215_183548_000000392086_00499_41635_5315.N1	15-FEB-2010 18:35:48	Dark	38.500	147	Alp Ara	2.8770	26000.	77	41635	No
224	GOM_NL__2PRFIN20100215_183715_000000432086_00499_41635_5316.N1	15-FEB-2010 18:37:15	Dark	43.000	141	Bet Ara	2.8400	4600.0	86	41635	No
225	GOM_NL__2PRFIN20100215_220438_000000432087_00001_41638_5326.N1	15-FEB-2010 22:04:38	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	41638	No
226	GOM_NL__2PRFIN20100215_220557_000000462087_00001_41638_5327.N1	15-FEB-2010 22:05:57	Dark	45.500	10	Bet Cen	0.61000	28000.	91	41638	No
227	GOM_NL__2PRFIN20100215_220719_000000432087_00001_41638_5328.N1	15-FEB-2010 22:07:19	Dark	43.000	77	Eps Cen	2.3030	28000.	86	41638	No
228	GOM_NL__2PRFIN20100215_221042_000000452087_00001_41638_5329.N1	15-FEB-2010 22:10:42	Dark	45.000	64	Gam Cen	2.2000	10600.	90	41638	No
229	GOM_NL__2PRFIN20100215_221446_000000462087_00001_41638_5330.N1	15-FEB-2010 22:14:46	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	41638	No
230	GOM_NL__2PRFIN20100215_222820_000000532087_00001_41638_5331.N1	15-FEB-2010 22:28:20	Straylight	52.500	48	30Alp Hya	1.9770	4100.0	105	41638	No
231	GOM_NL__2PRFIN20100215_225835_000000422087_00001_41638_5332.N1	15-FEB-2010 22:58:35	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	41638	No
232	GOM_NL__2PRFIN20100215_230714_000000432087_00001_41638_5333.N1	15-FEB-2010 23:07:14	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	41638	No
233	GOM_NL__2PRFIN20100215_231130_000000362087_00001_41638_5334.N1	15-FEB-2010 23:11:30	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	41638	No
234	GOM_NL__2PRFIN20100215_232255_000000512087_00001_41638_5335.N1	15-FEB-2010 23:22:55	Twilight_stray	51.000	126	60Bet Oph	2.7700	4250.0	102	41638	No
235	GOM_NL__2PRFIN20100215_233018_000000402087_00001_41638_5336.N1	15-FEB-2010 23:30:18	Dark	40.000	86	35Eta Oph	2.4300	10200.	80	41638	No
236	GOM_NL__2PRFIN20100215_233436_000000442087_00001_41638_5337.N1	15-FEB-2010 23:34:36	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	41638	No
237	GOM_NL__2PRFIN20100215_234515_000000422087_00002_41639_5334.N1	15-FEB-2010 23:45:15	Dark	41.500	4	Alp1Cen	-0.010000	5800.0	83	41639	No
238	GOM_NL__2PRFIN20100215_234634_000000432087_00002_41639_5335.N1	15-FEB-2010 23:46:34	Dark	42.500	10	Bet Cen	0.61000	28000.	85	41639	No
239	GOM_NL__2PRFIN20100215_234756_000000442087_00002_41639_5336.N1	15-FEB-2010 23:47:56	Dark	44.000	77	Eps Cen	2.3030	28000.	88	41639	No
240	GOM_NL__2PRFIN20100215_234937_000000512087_00002_41639_5337.N1	15-FEB-2010 23:49:37	Dark	50.500	12	Alp1Cru	0.77500	30000.	101	41639	No
241	GOM_NL__2PRFIN20100215_235118_000000482087_00002_41639_5338.N1	15-FEB-2010 23:51:18	Dark	47.500	64	Gam Cen	2.2000	10600.	95	41639	No
242	GOM_NL__2PRFIN20100215_235522_000000422087_00002_41639_5339.N1	15-FEB-2010 23:55:22	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	41639	No

3. Quality information per product

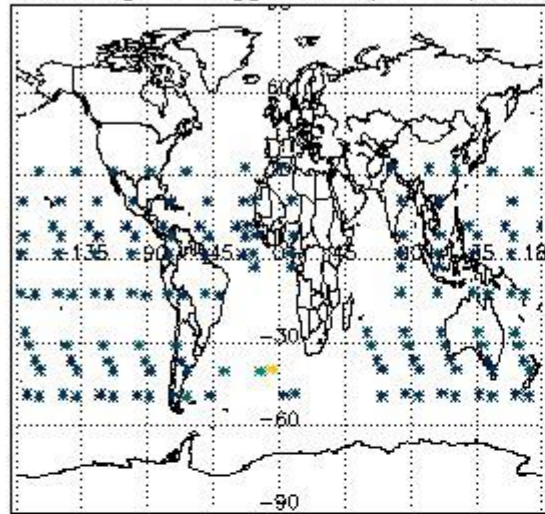
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

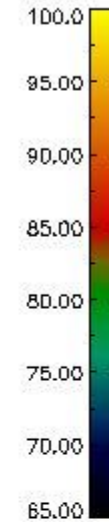
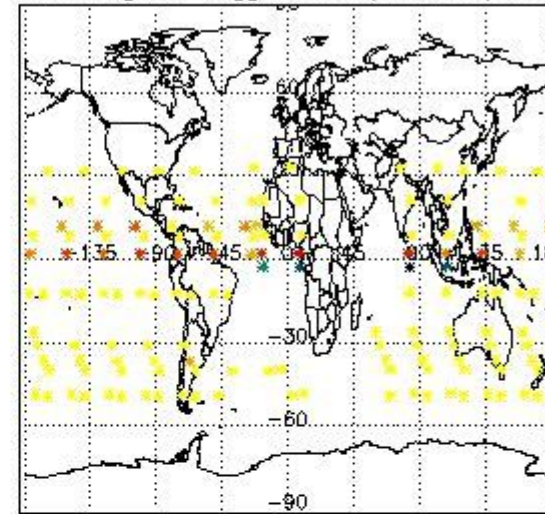


3.2 Plot quality information per product (world map)

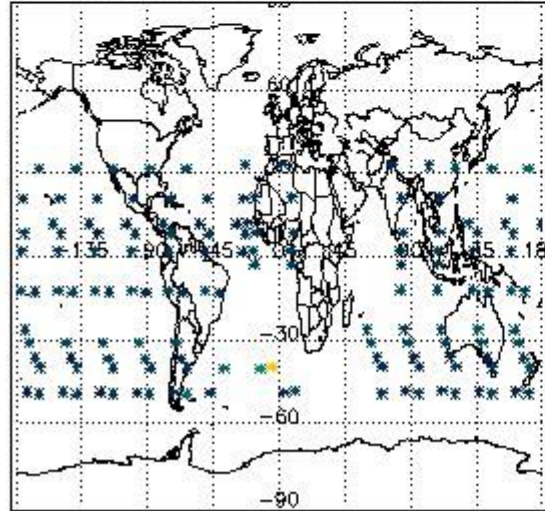
Percentage of flagged data per O3 profile



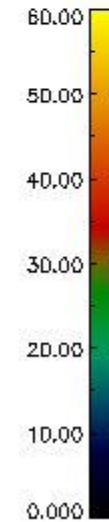
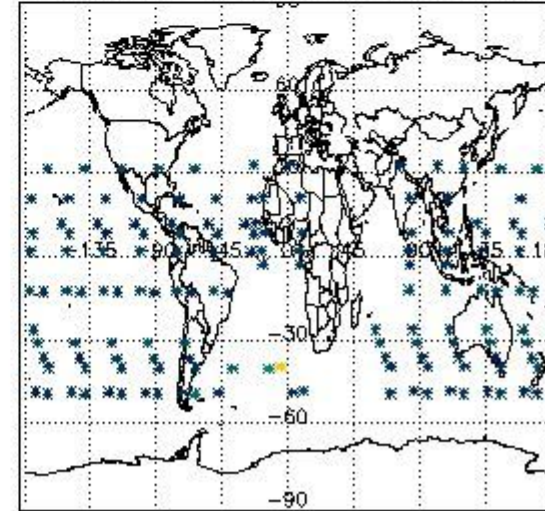
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

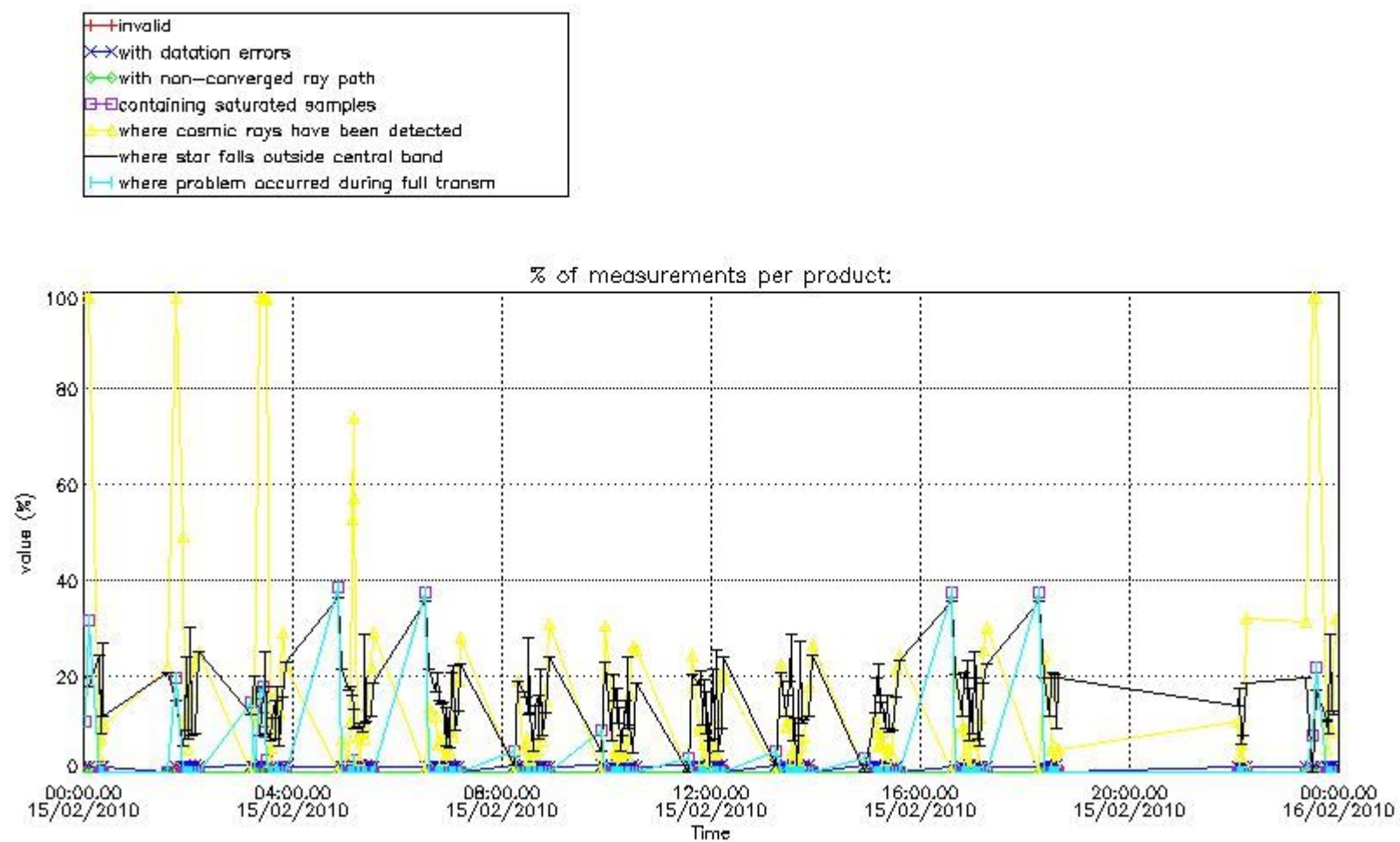


4. Level 1 quality information per product

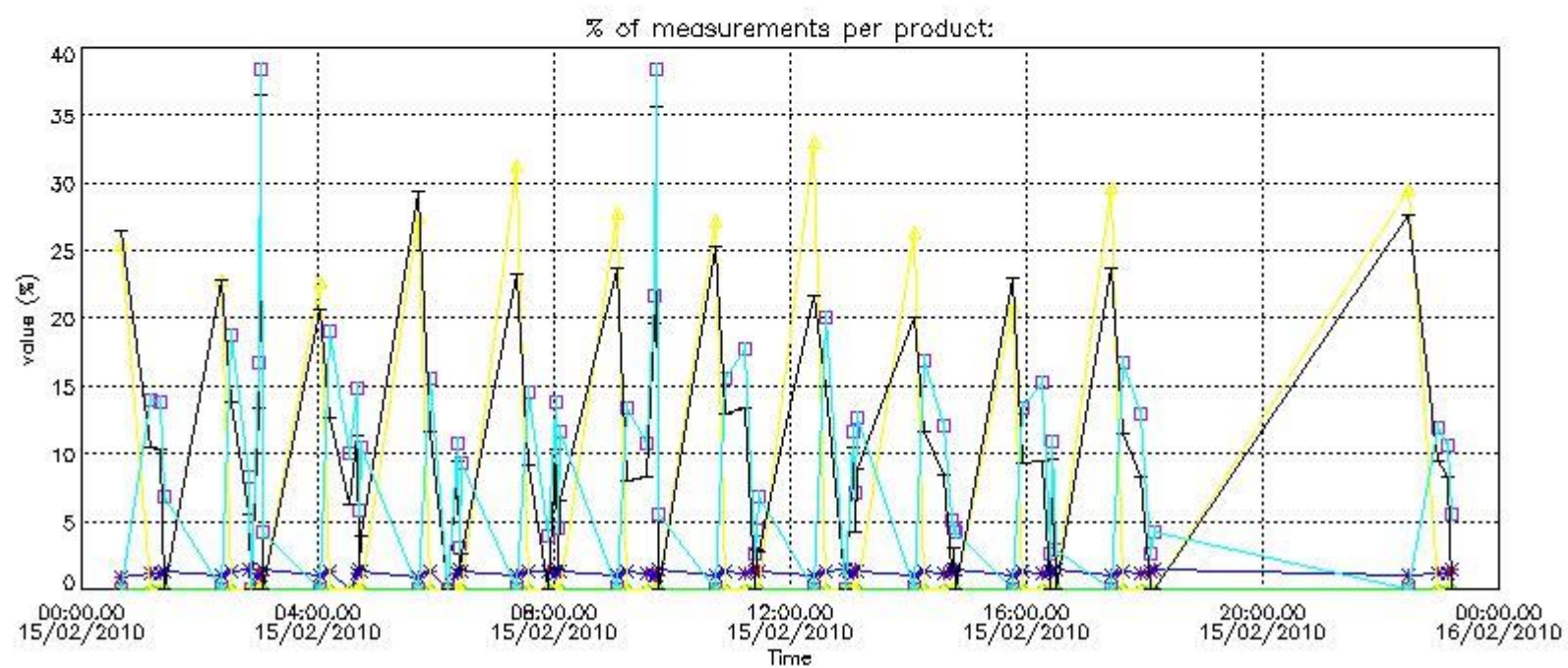
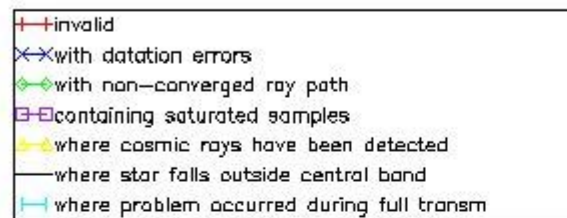
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



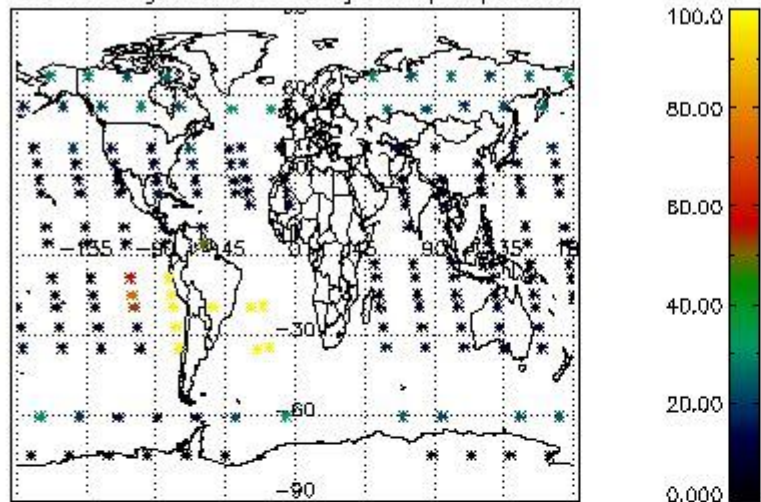
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



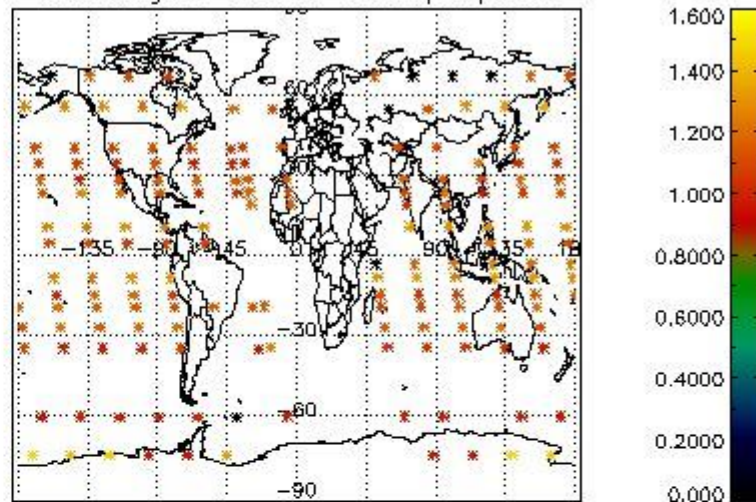
4.2 Plot quality information per product coming from level 1b processing (world map)

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

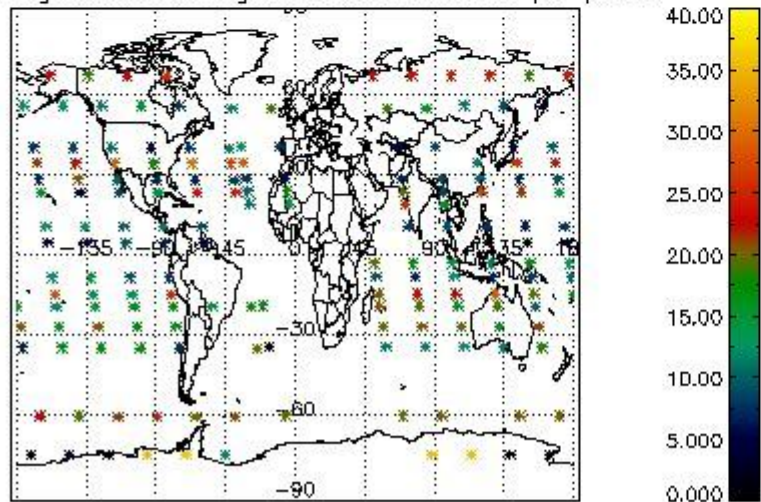
Percentage of cosmic ray hits per profile



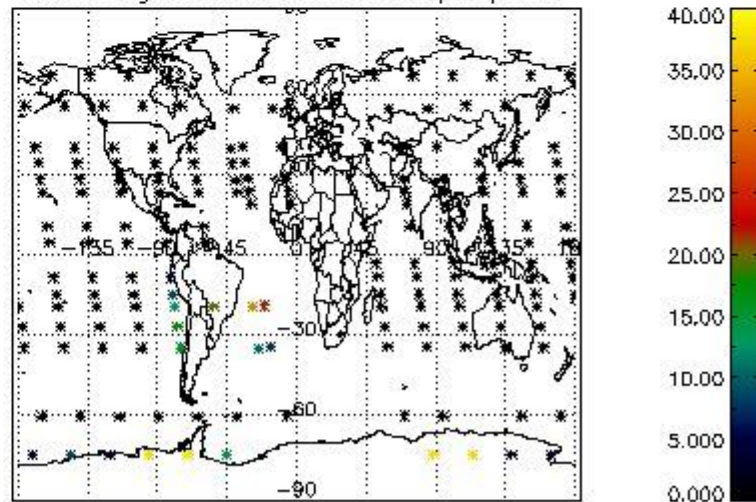
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

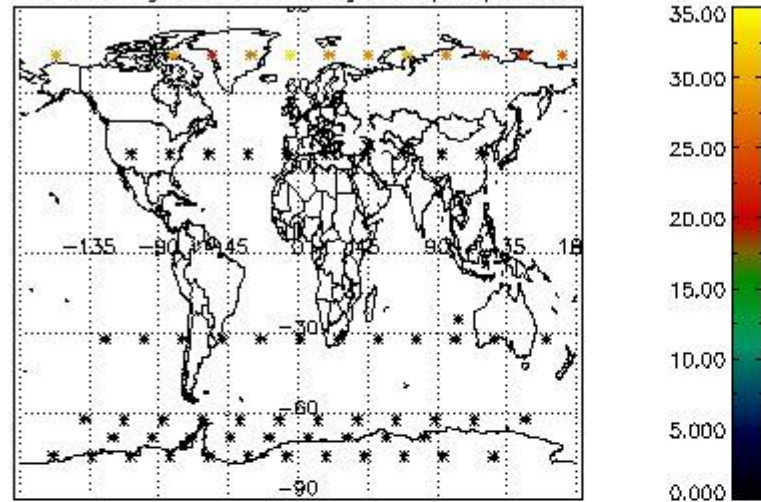


Percentage of saturation errors per profile

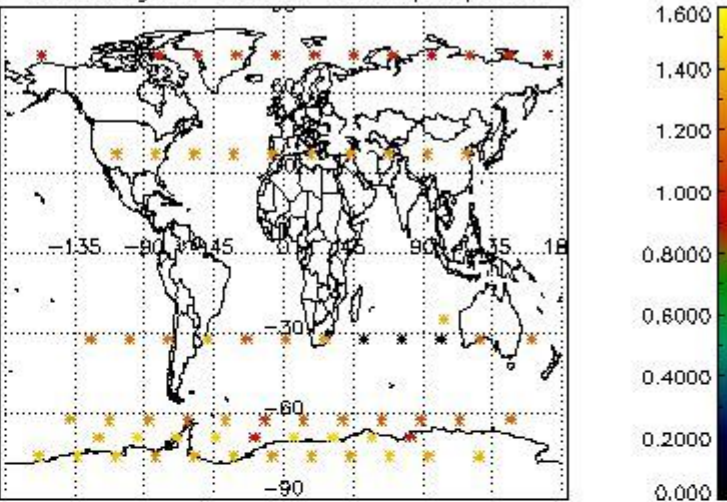


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

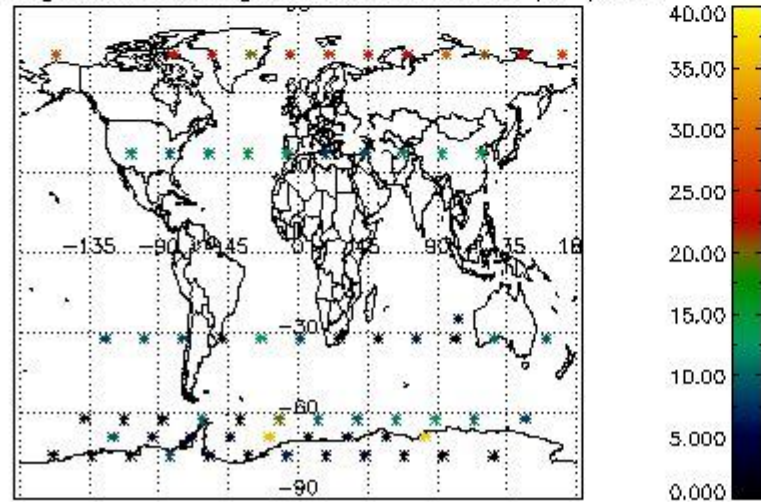
Percentage of cosmic ray hits per profile



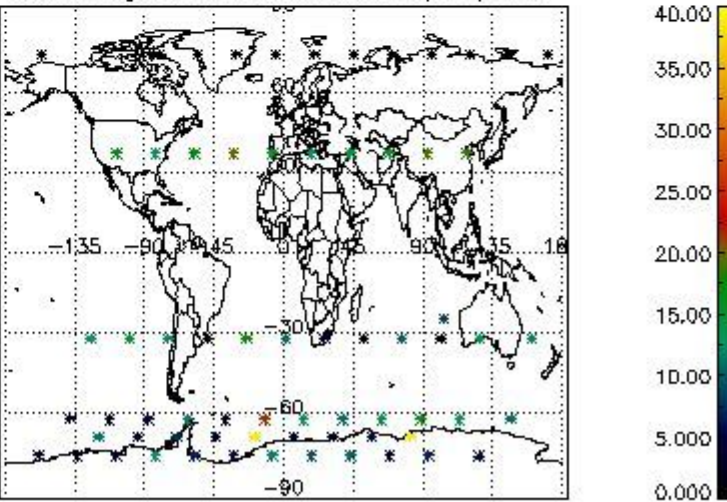
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

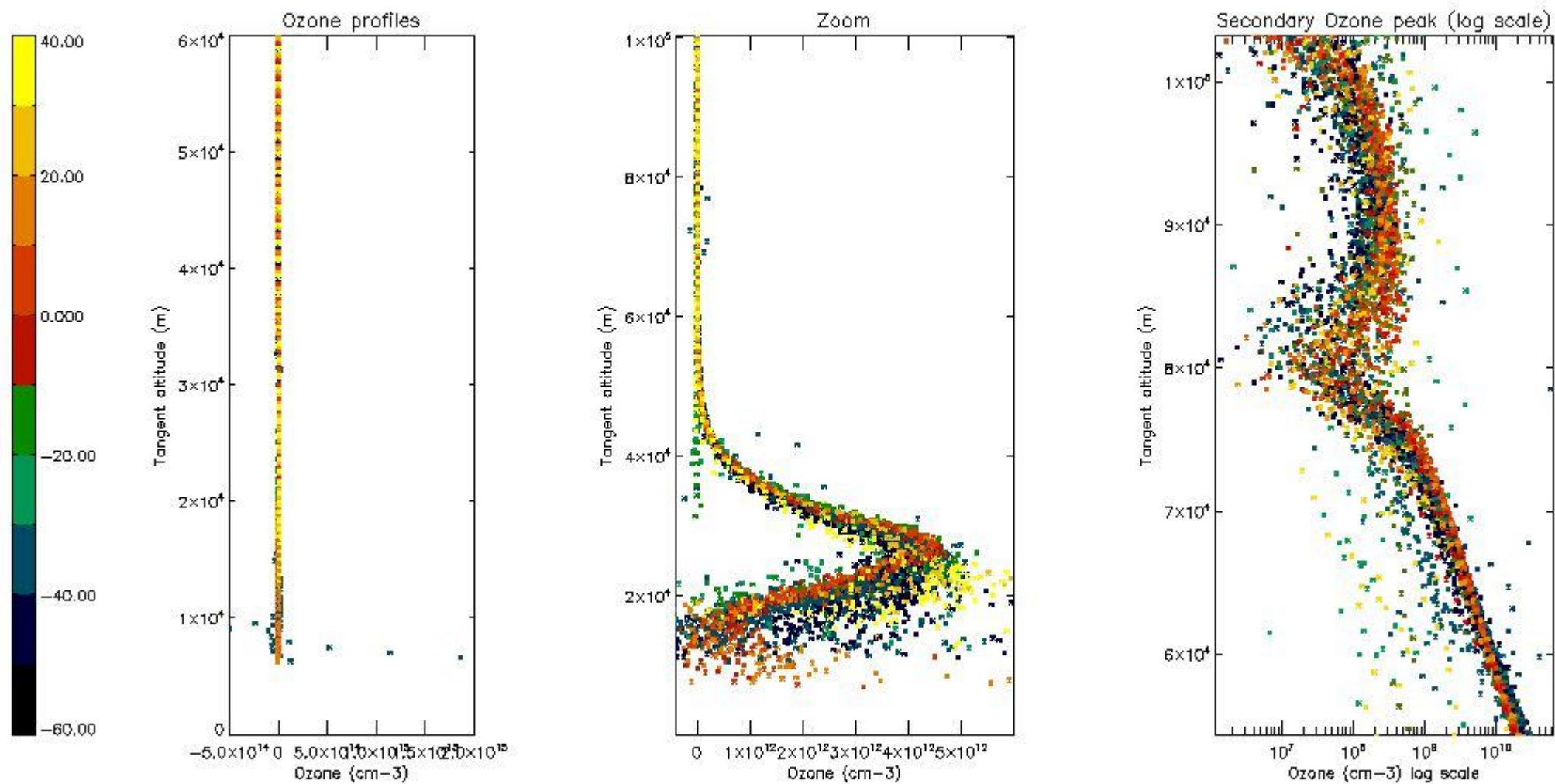
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	60
STD < 20	33

STD < 10	27
STD < 5	17

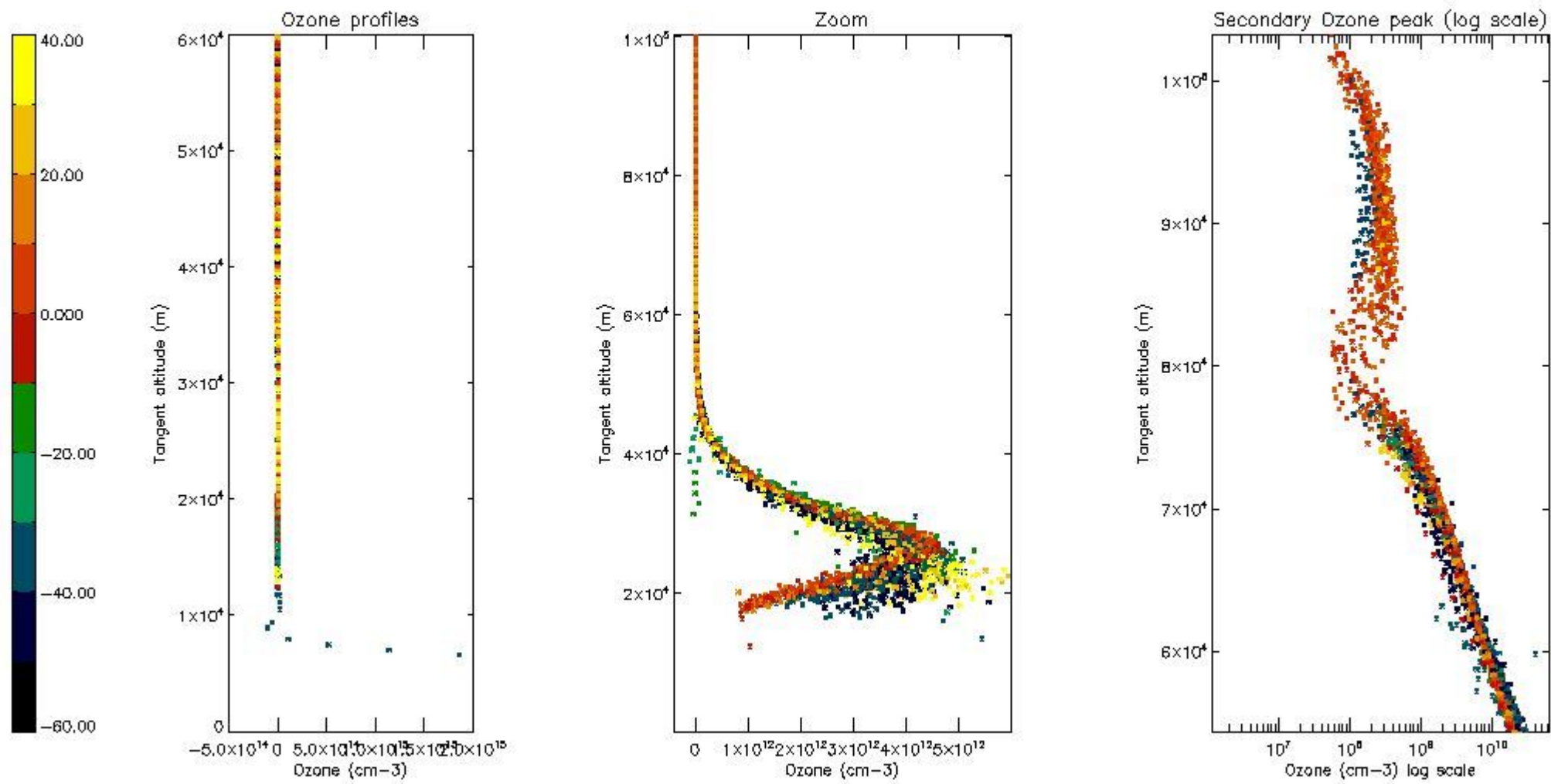
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



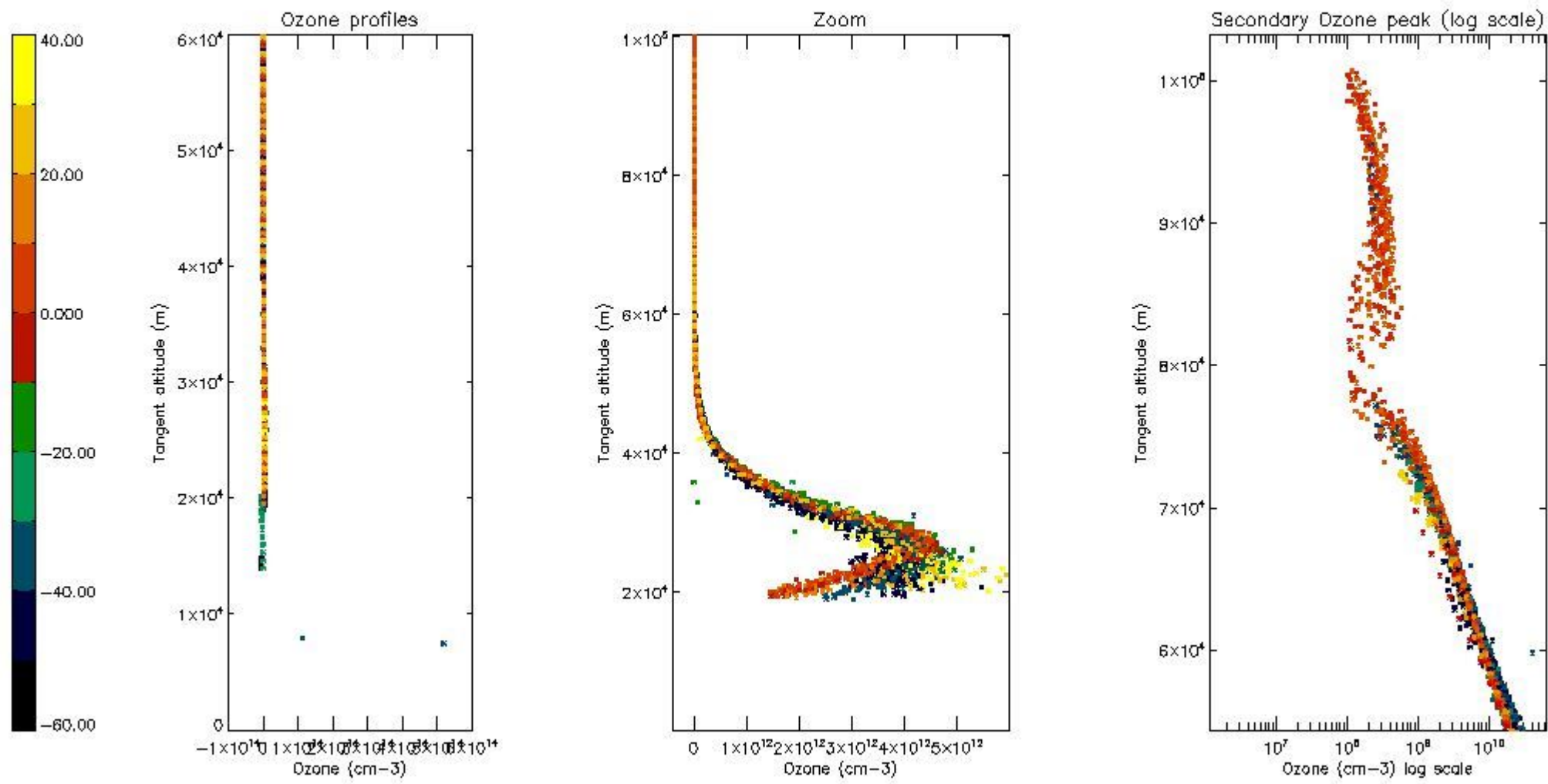
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



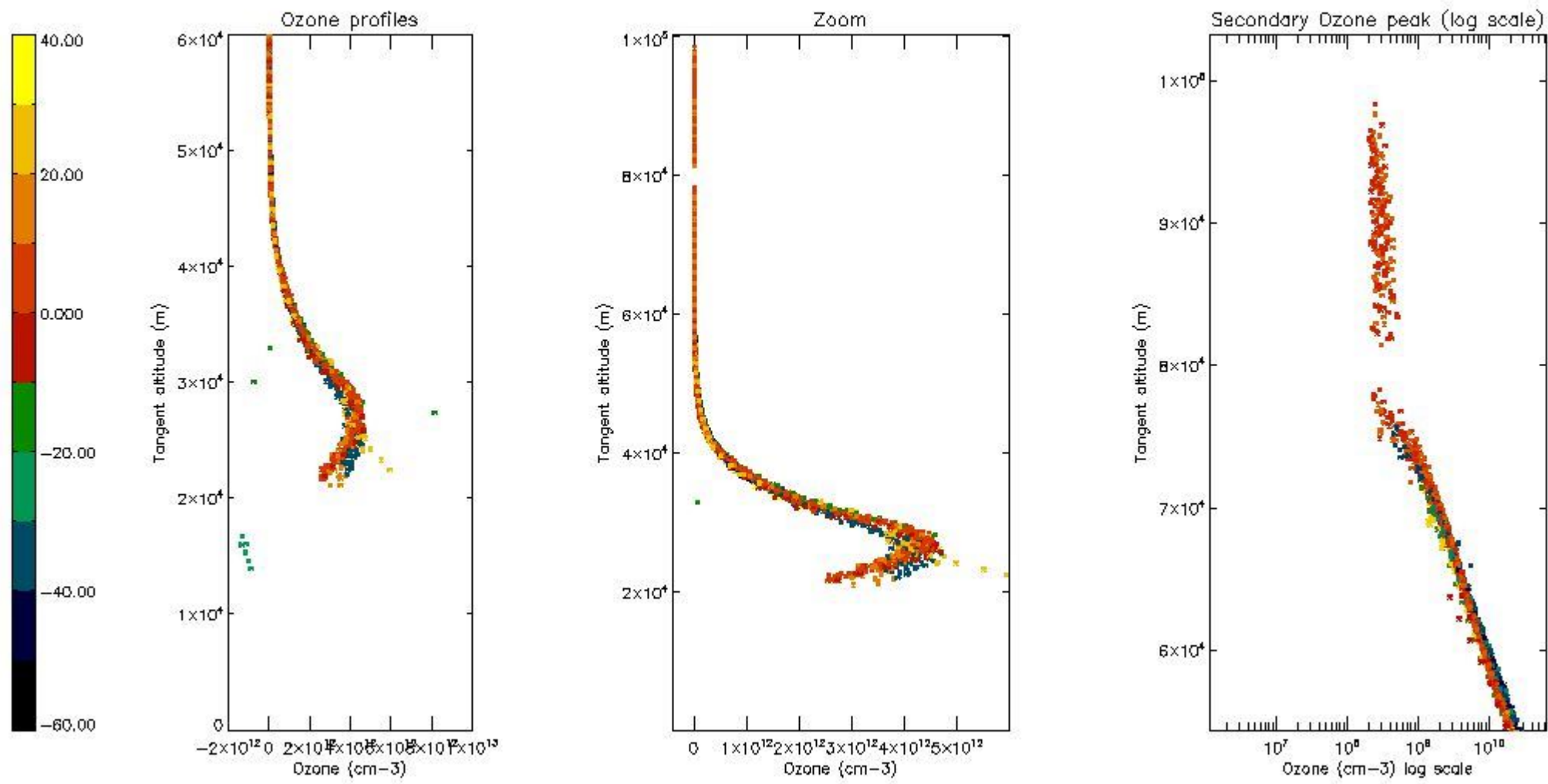
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



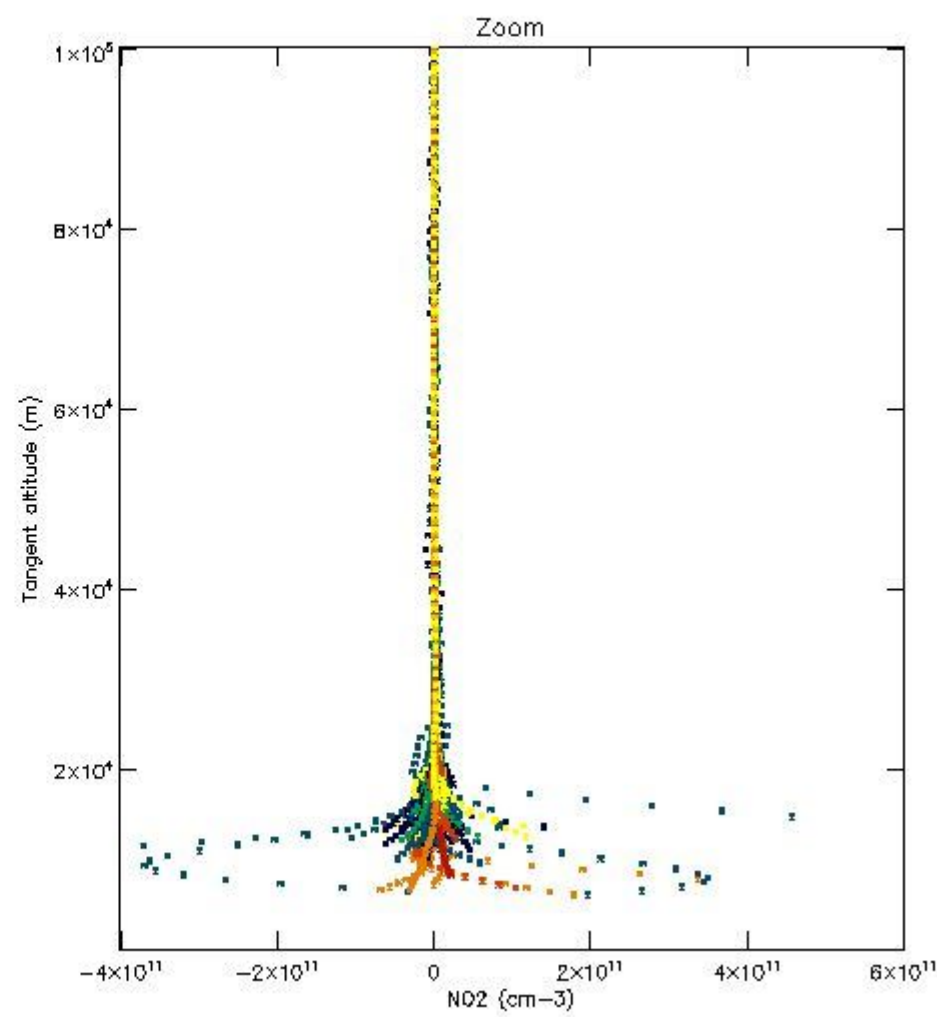
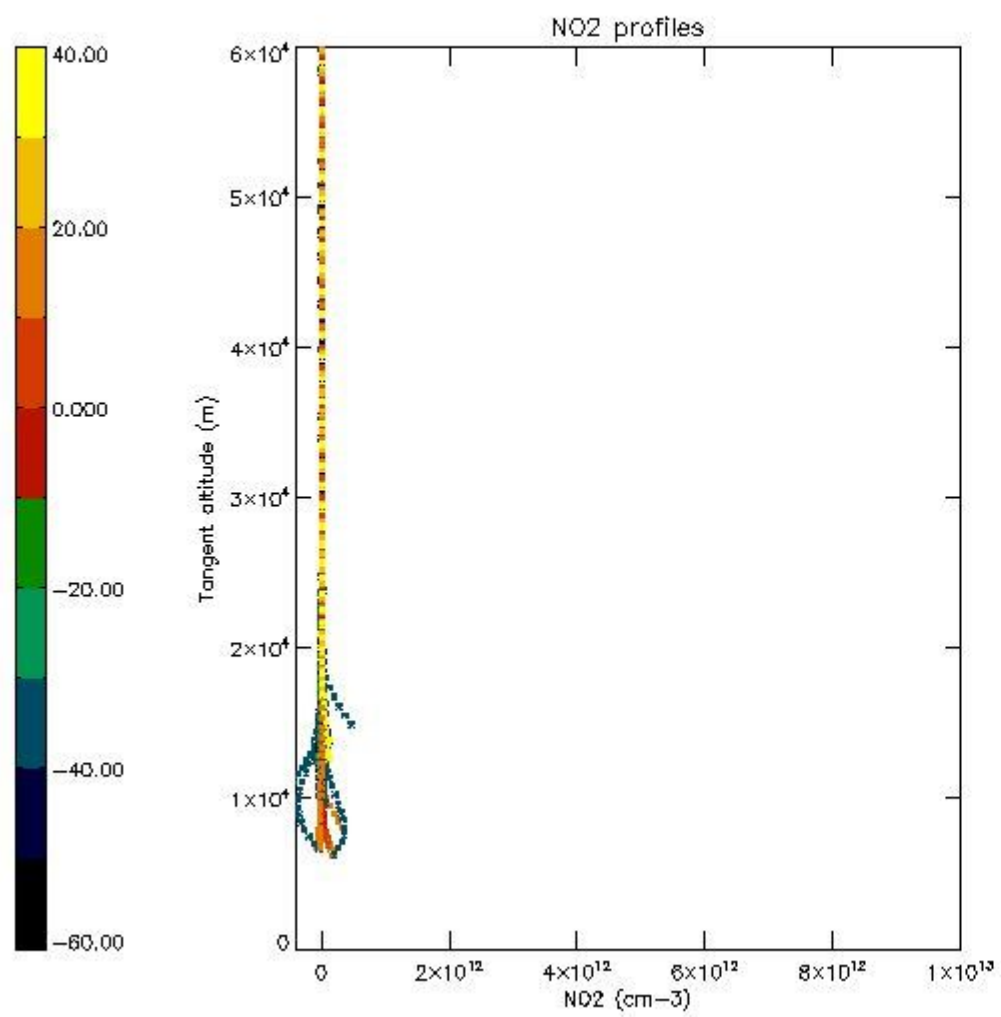
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



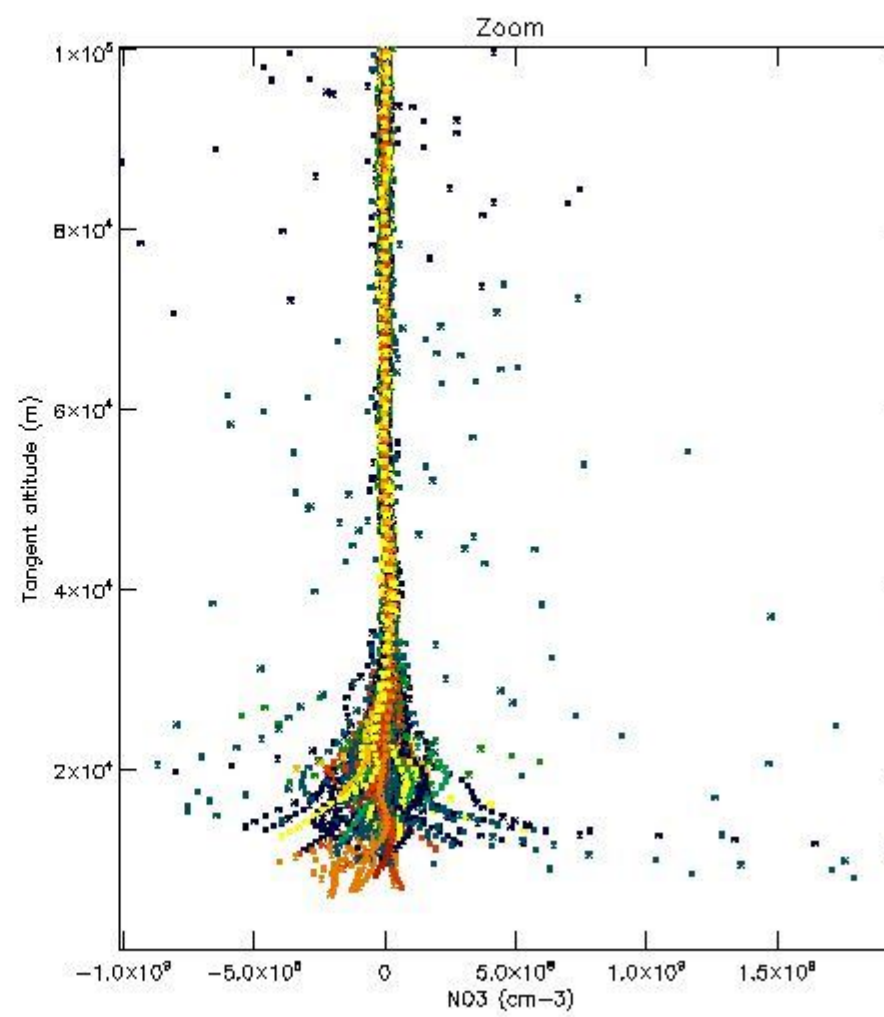
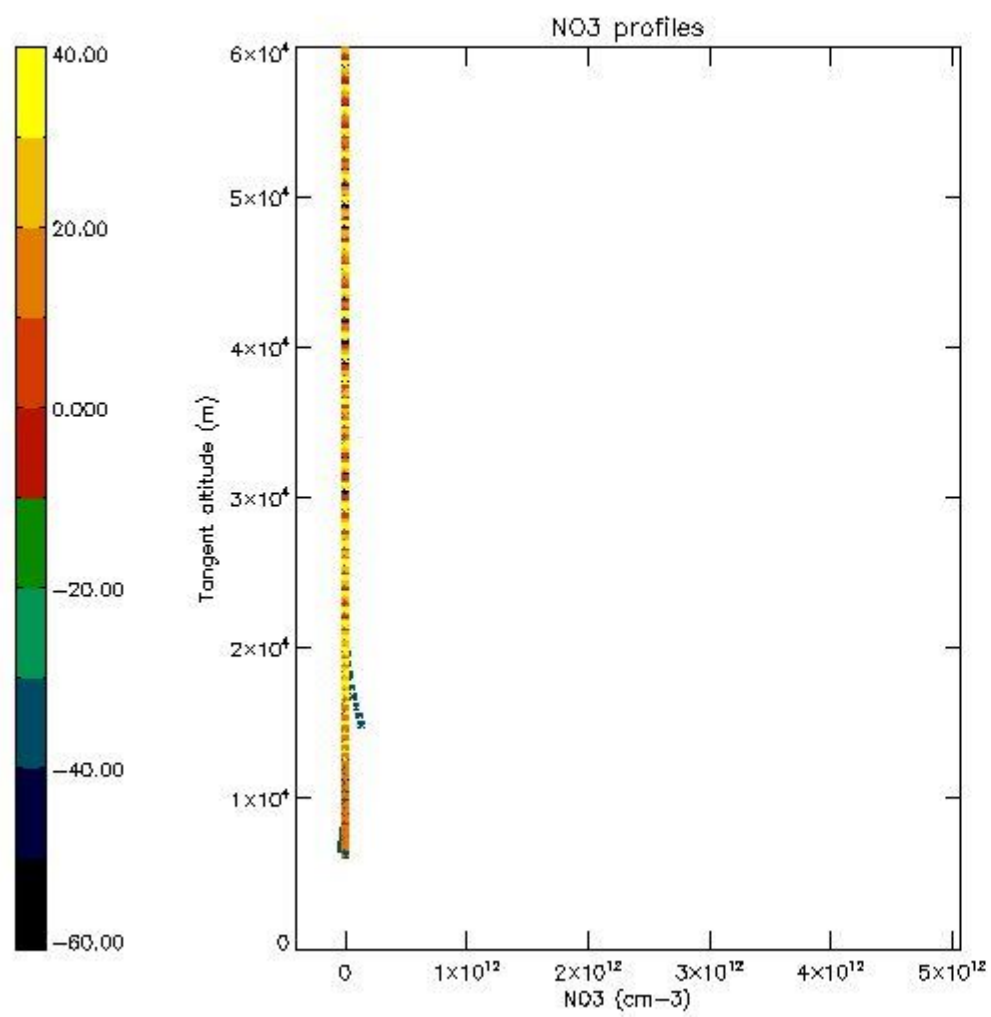
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

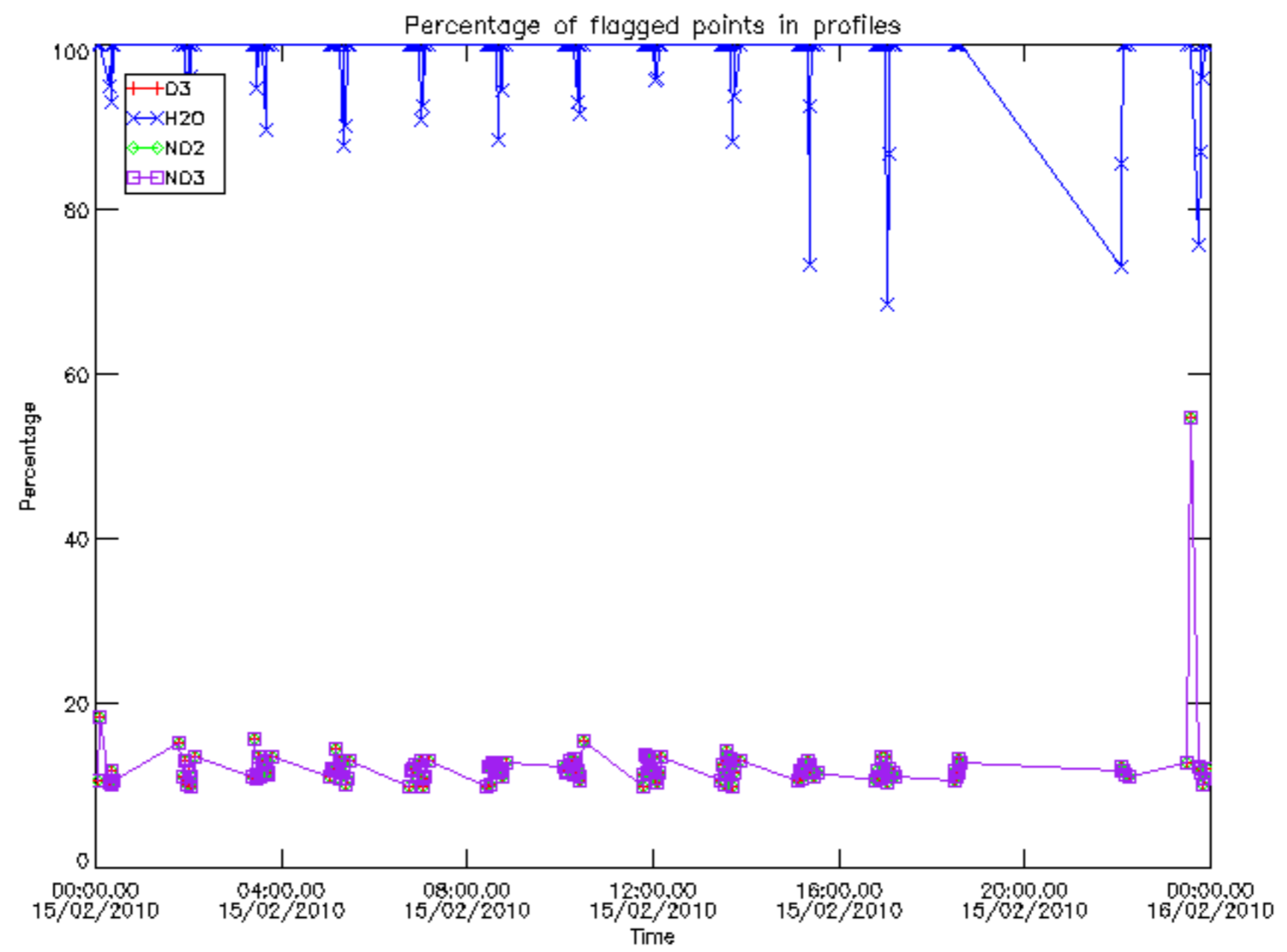
The colorbar represents the latitude.



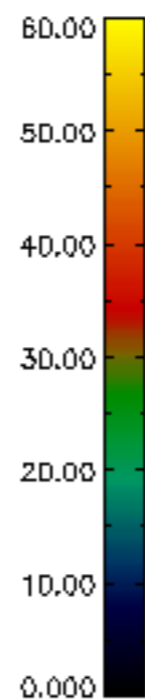
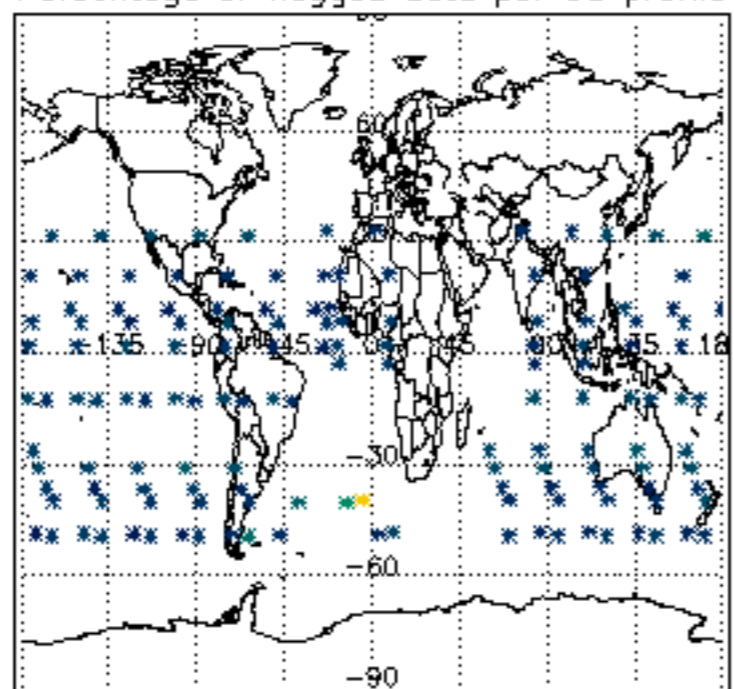
6. Auxiliary Data Files used for the production reported in section 2

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

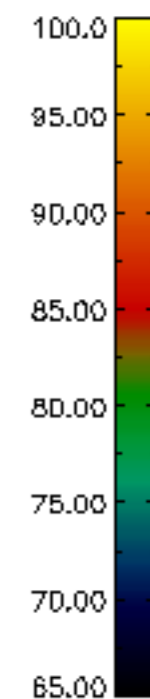
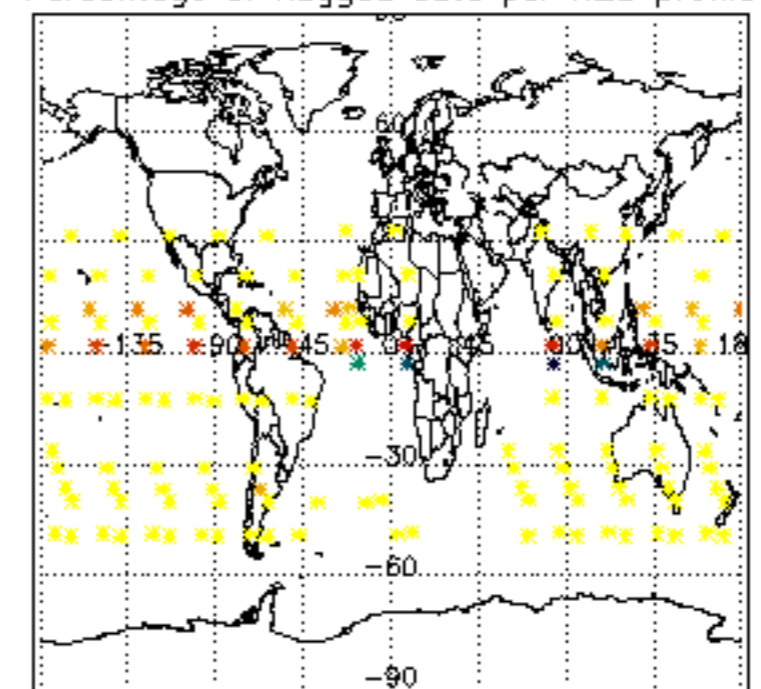
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	15-FEB-2010 00:01:43
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	15-FEB-2010 00:01:43
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	15-FEB-2010 00:01:43



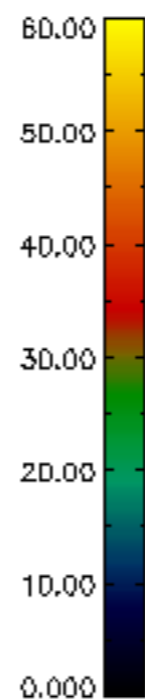
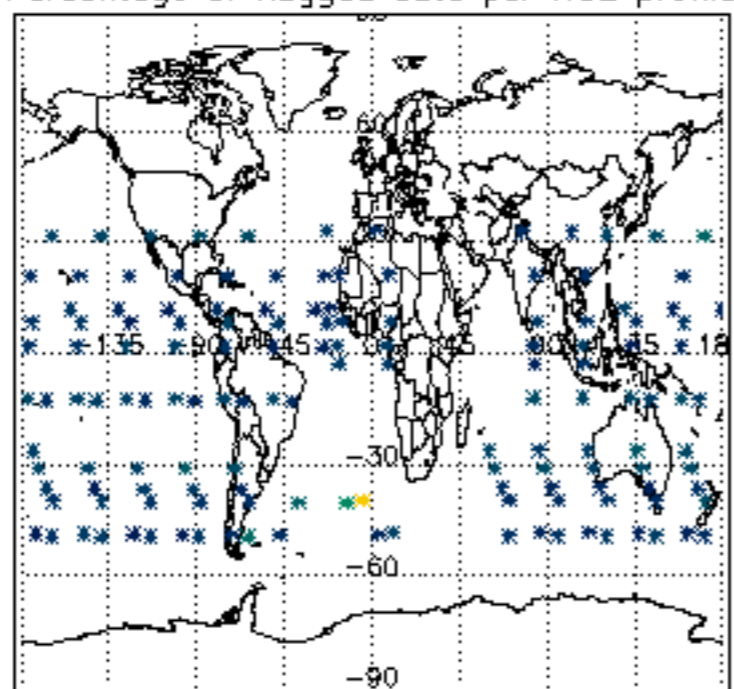
Percentage of flagged data per D3 profile



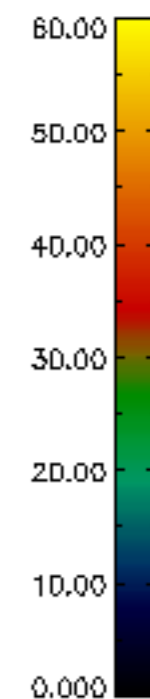
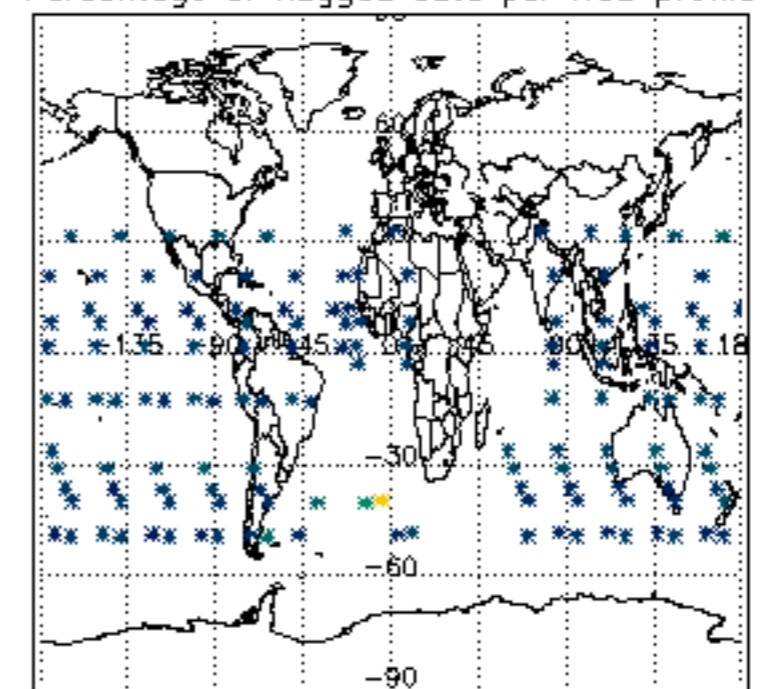
Percentage of flagged data per H2O profile

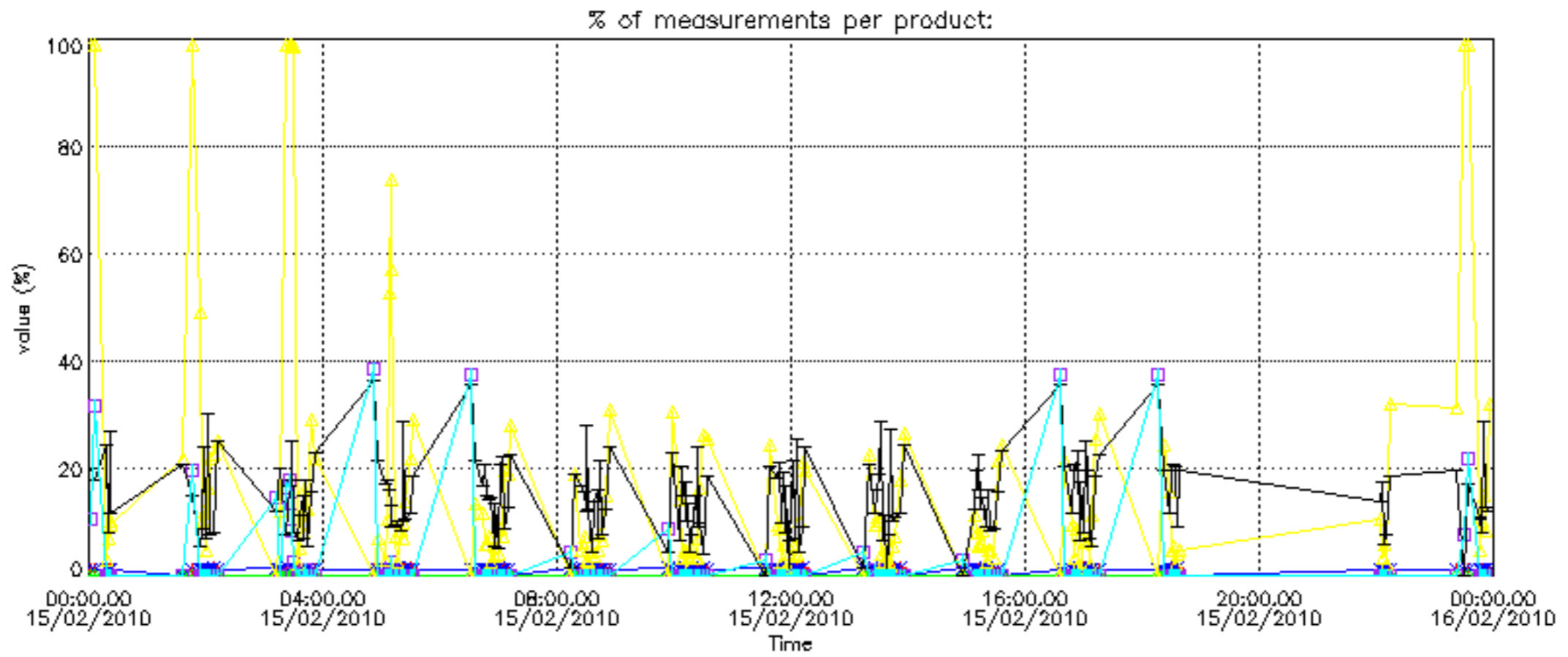
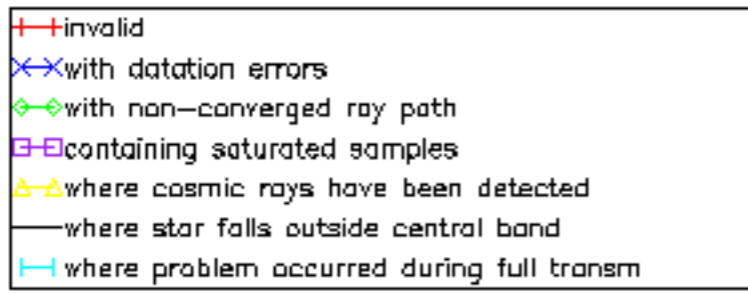


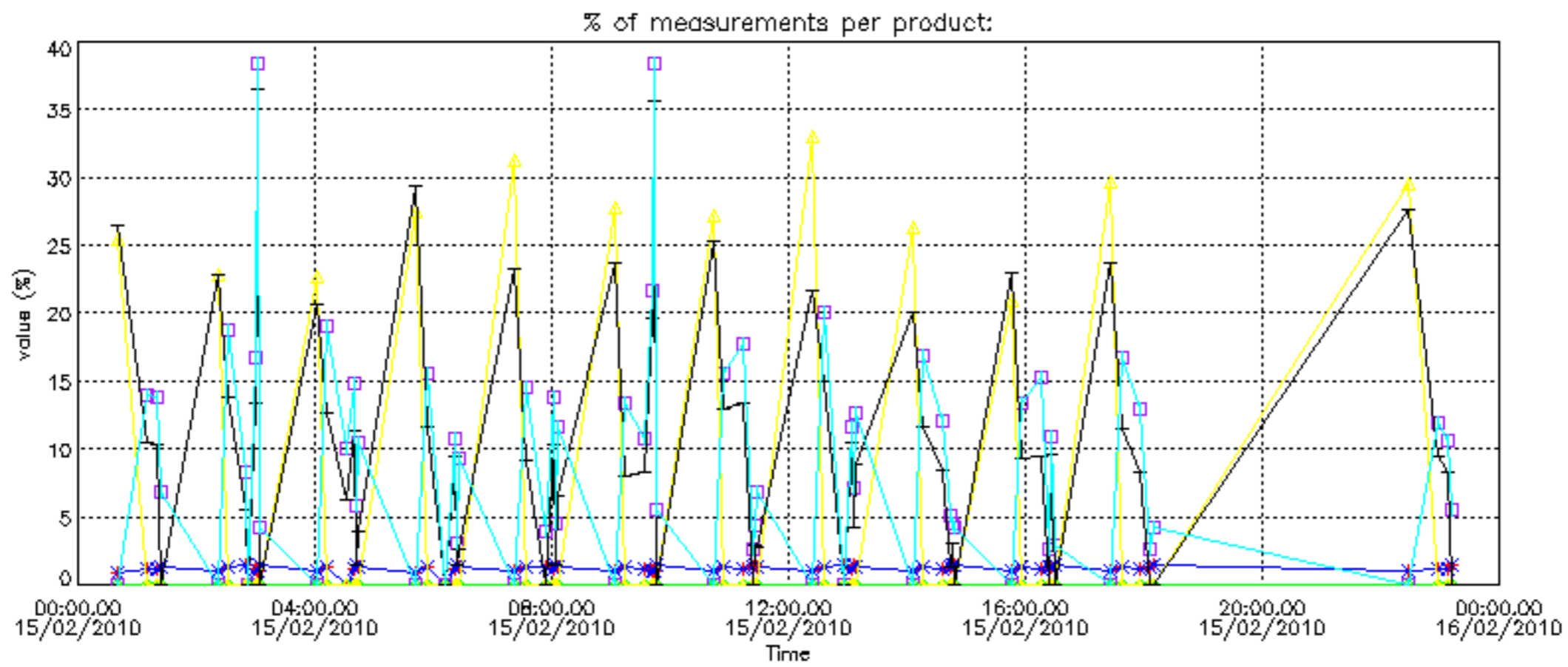
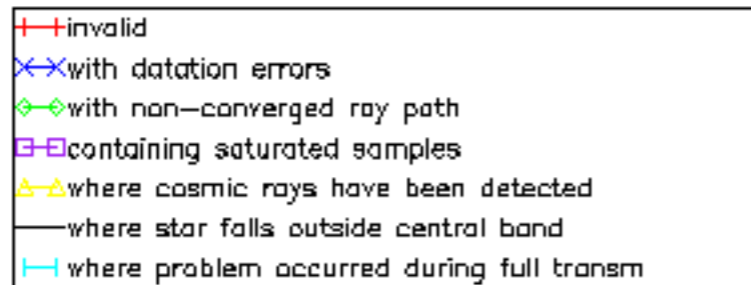
Percentage of flagged data per NO2 profile



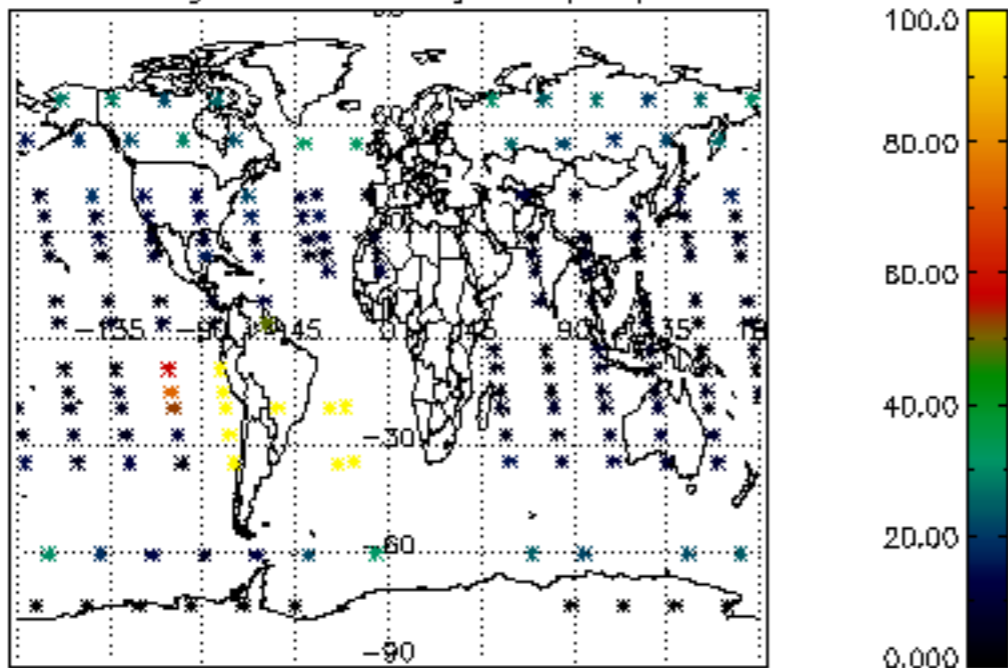
Percentage of flagged data per NO3 profile



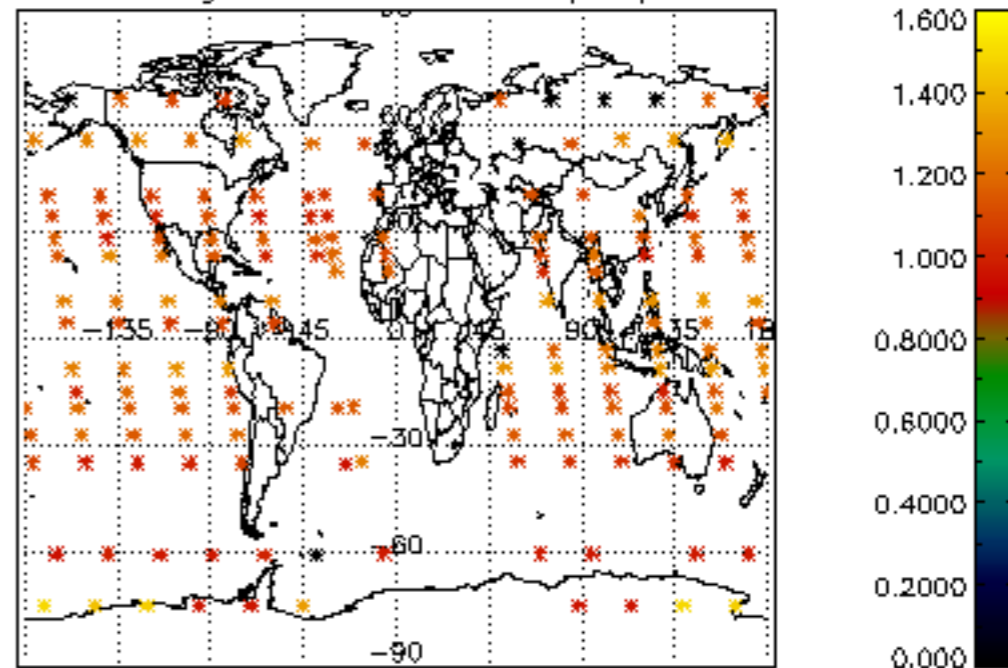




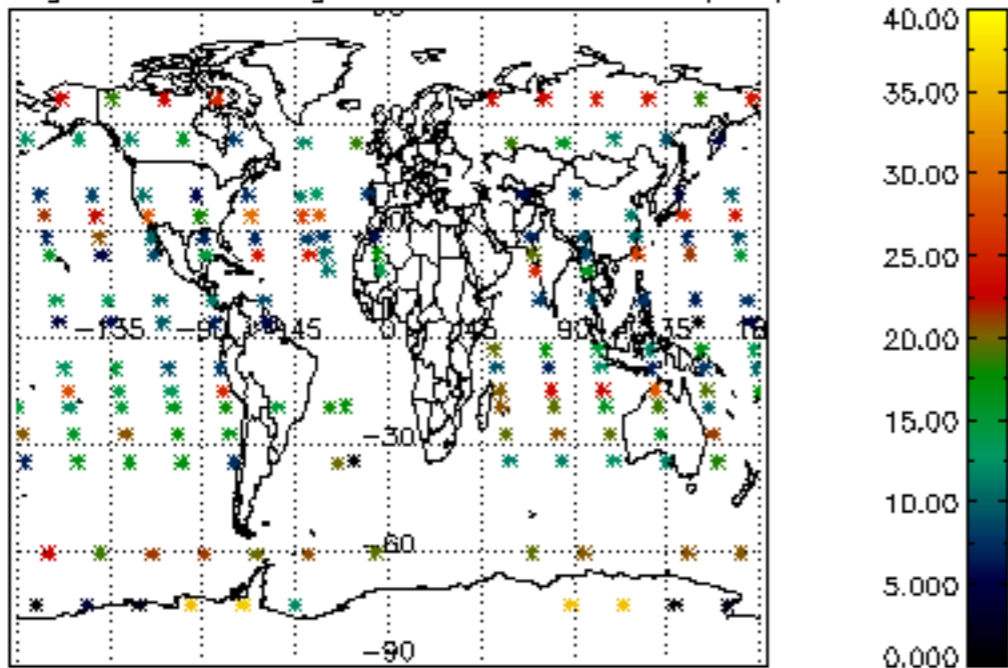
Percentage of cosmic ray hits per profile



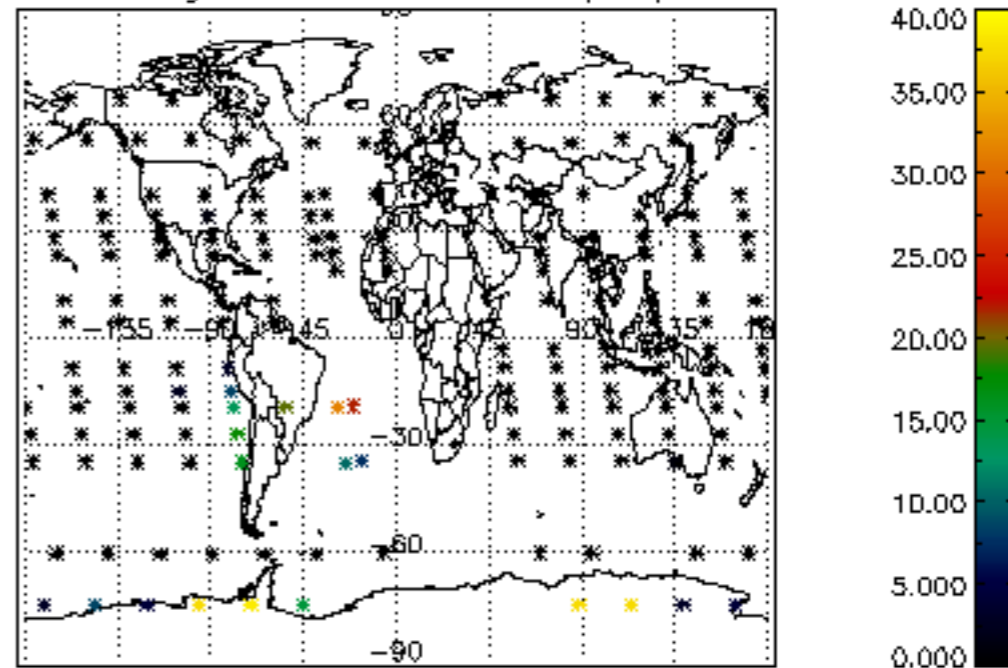
Percentage of datation errors per profile



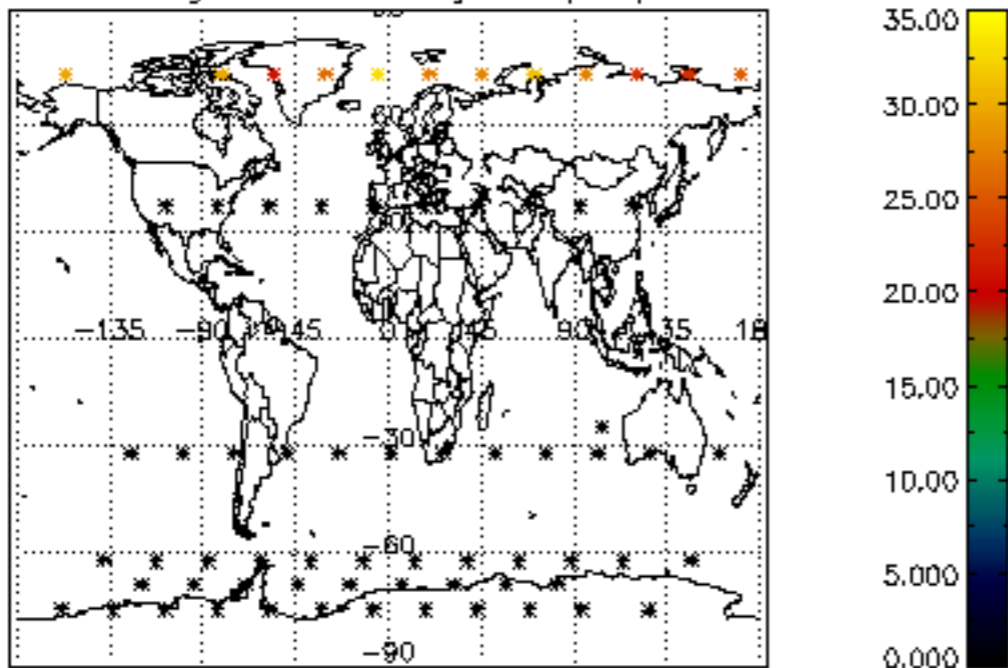
Percentage of star falling outside central band per profile



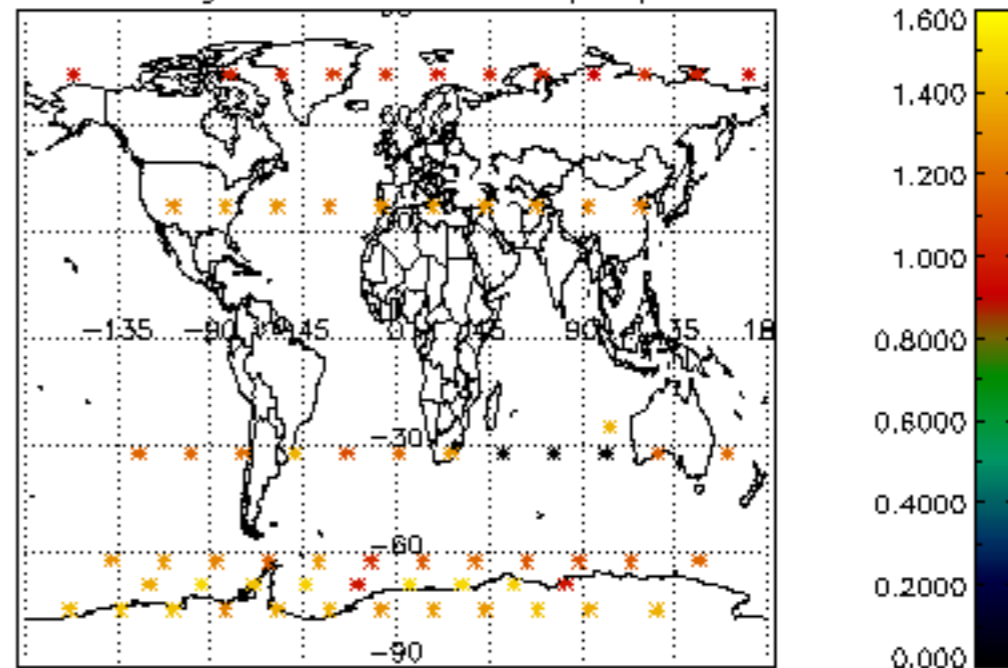
Percentage of saturation errors per profile



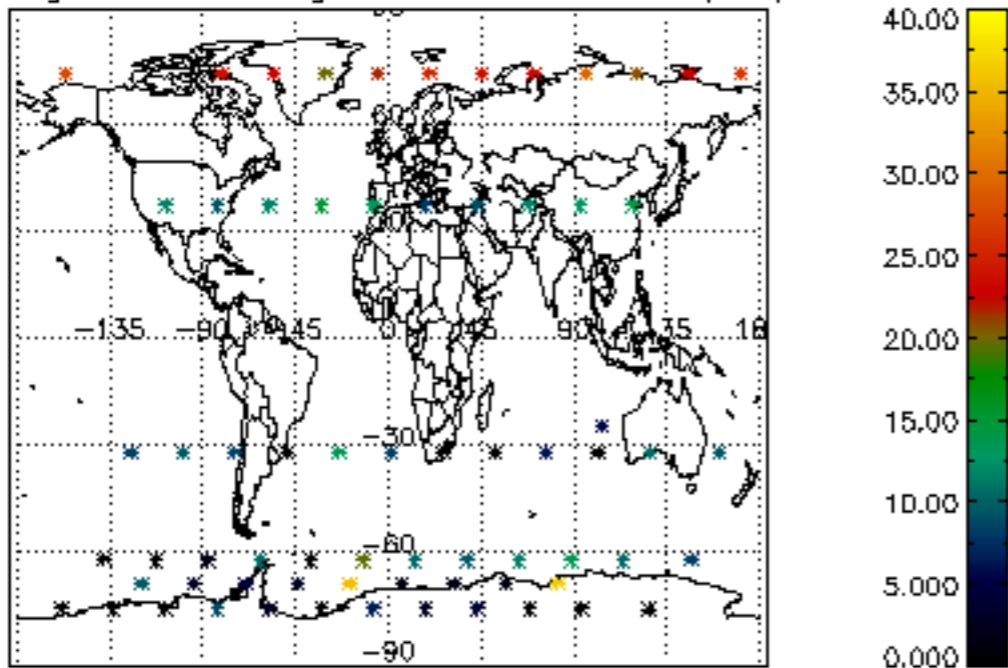
Percentage of cosmic ray hits per profile



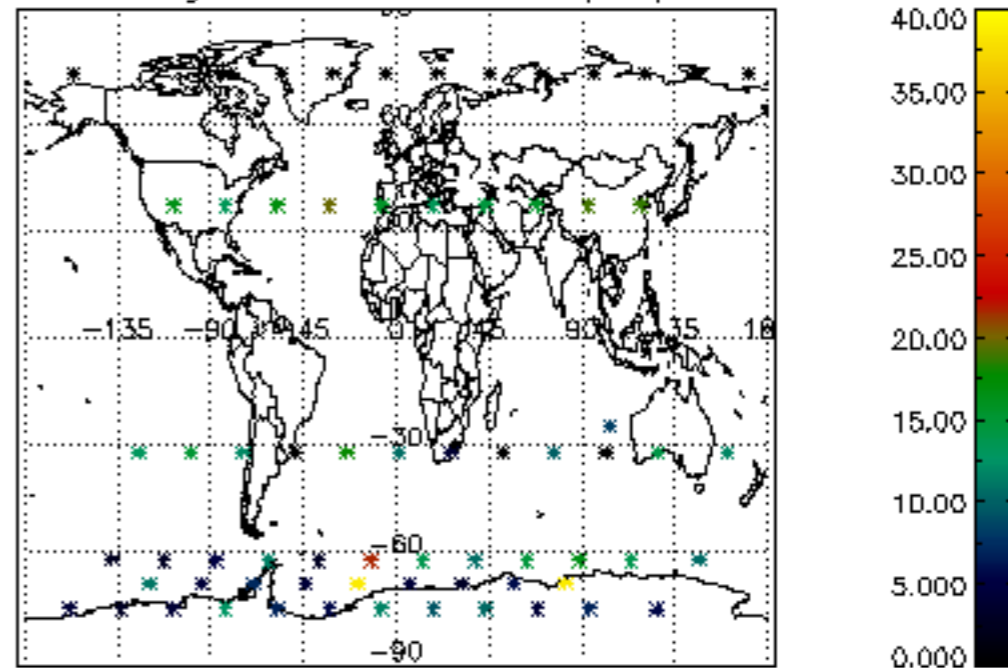
Percentage of datation errors per profile

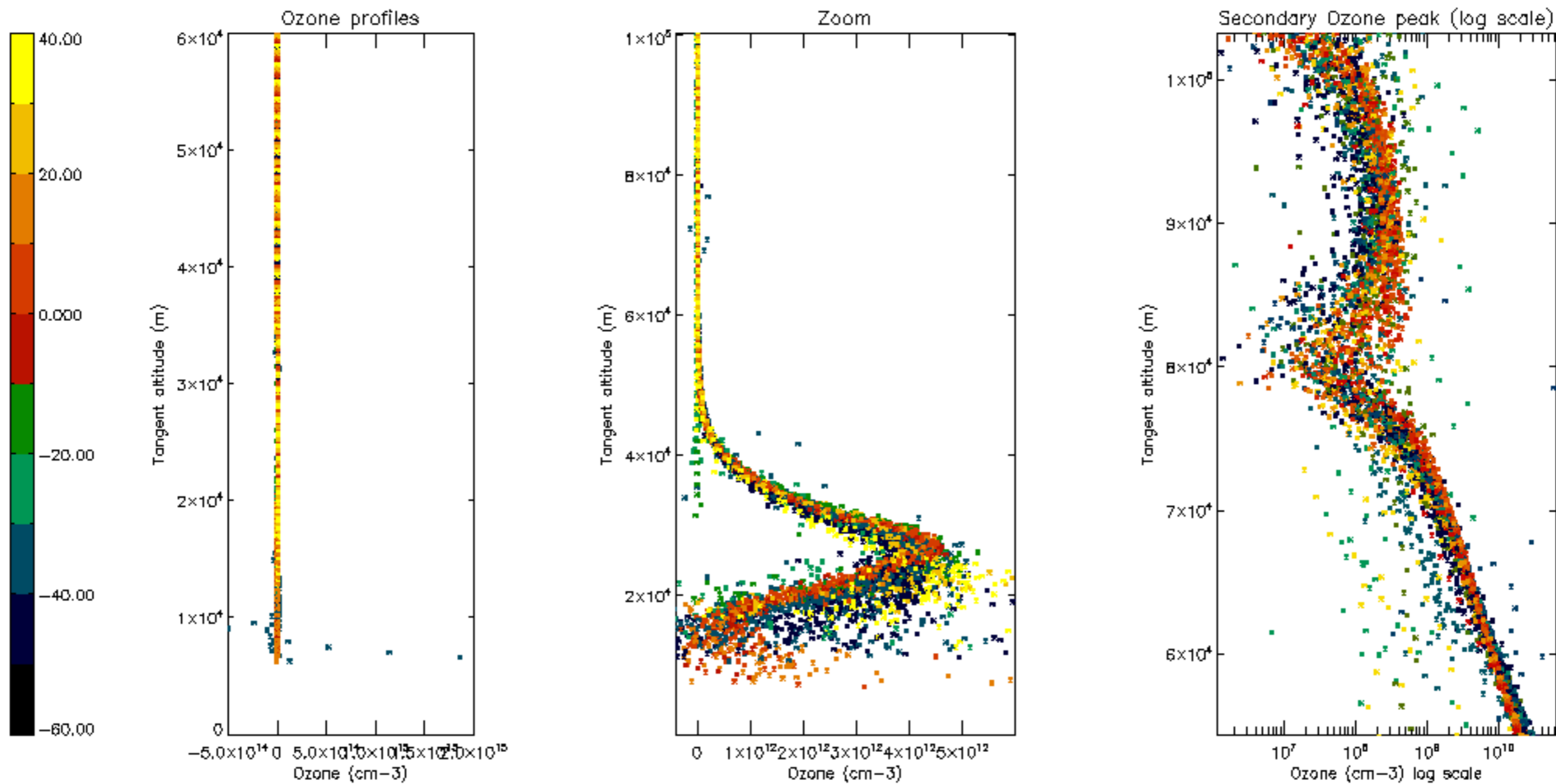


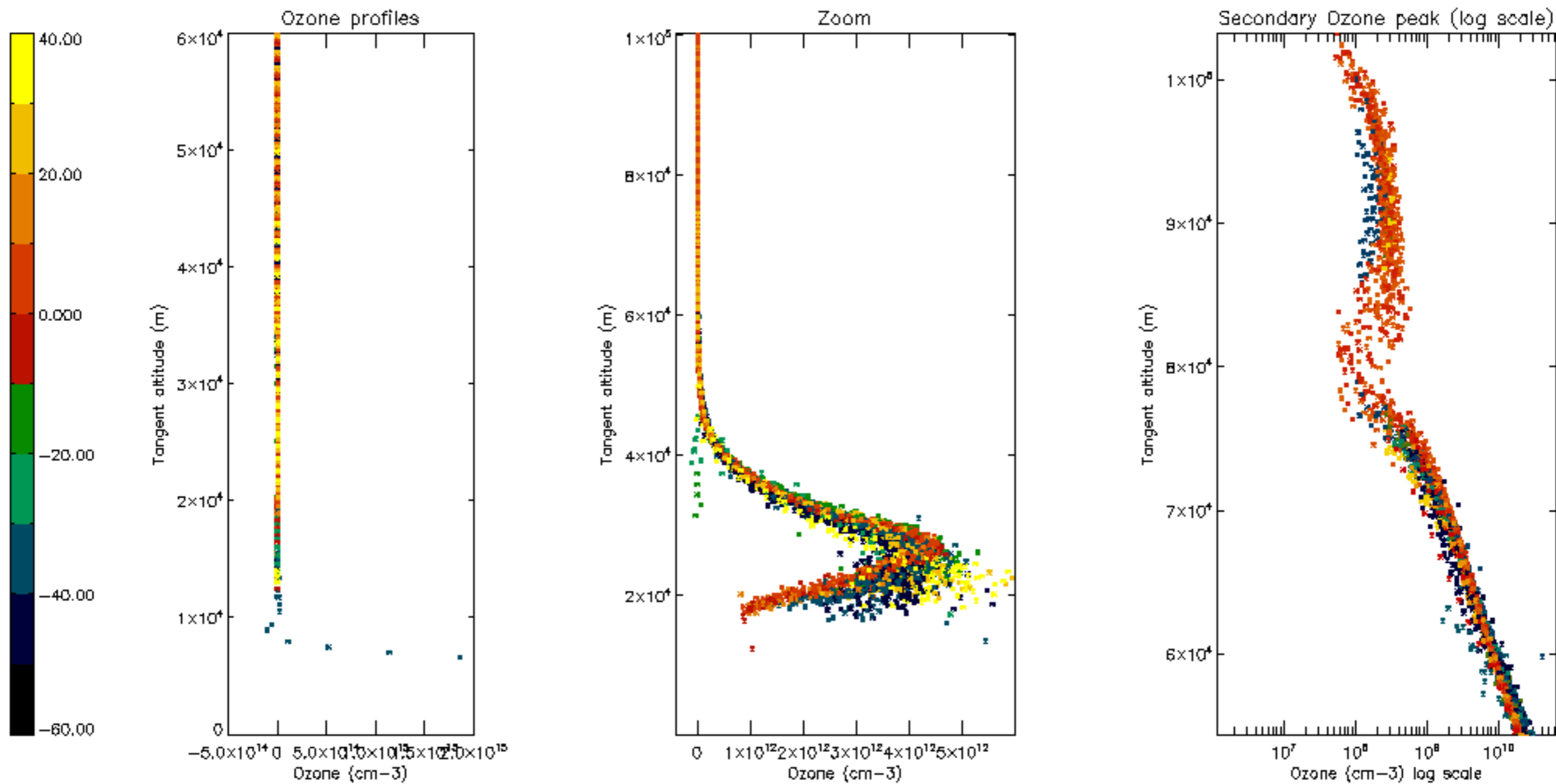
Percentage of star falling outside central band per profile

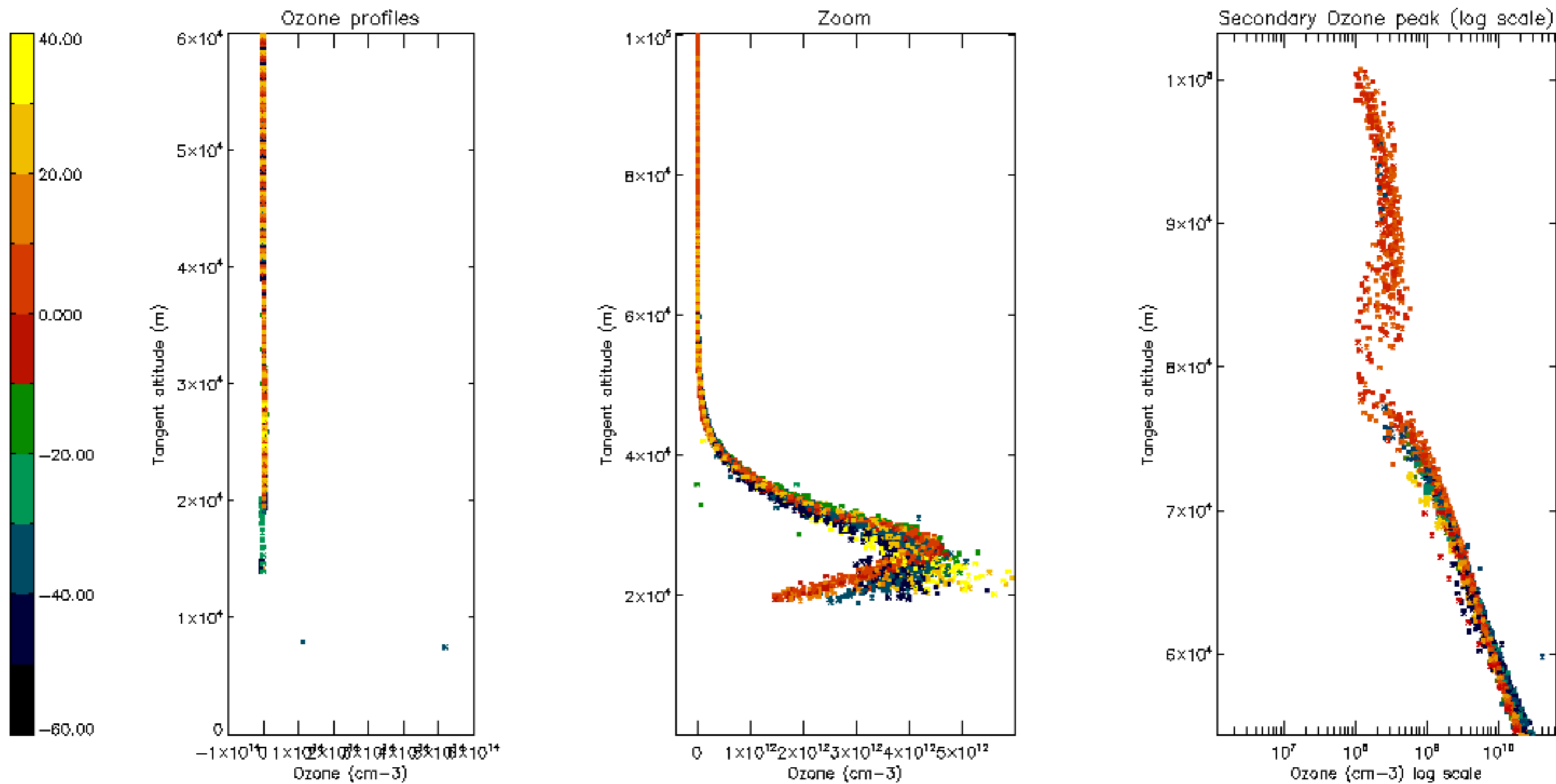


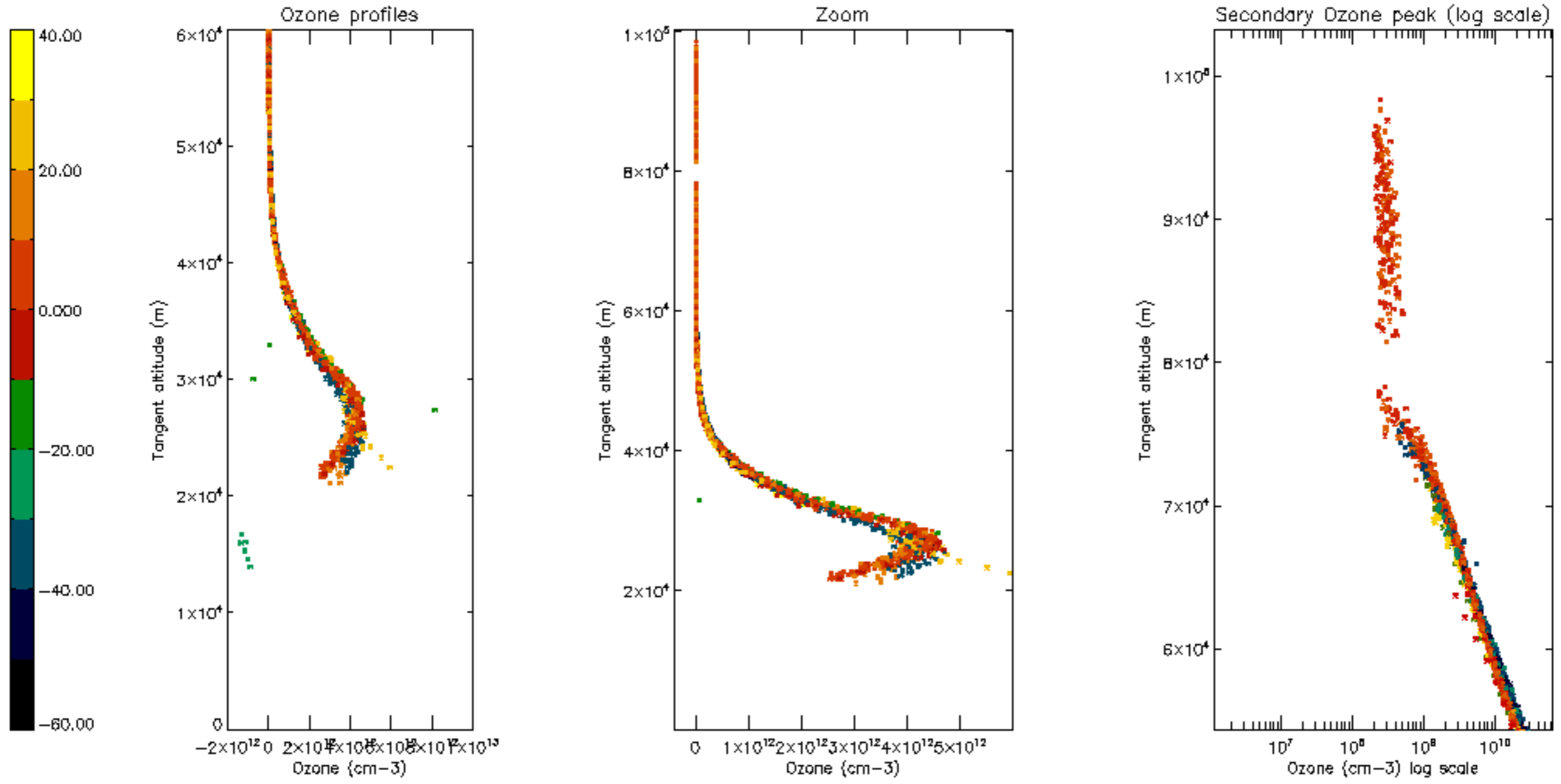
Percentage of saturation errors per profile

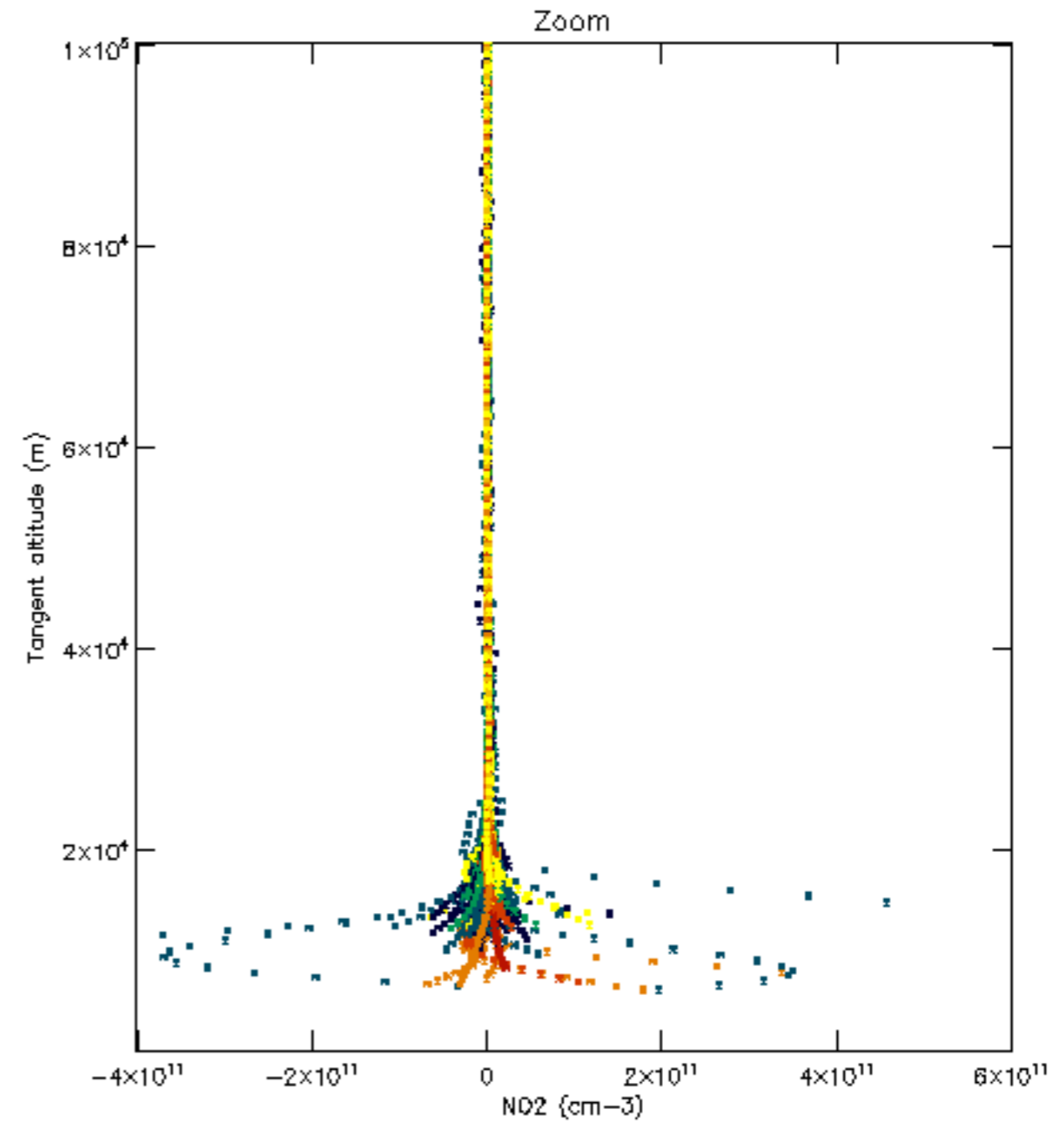
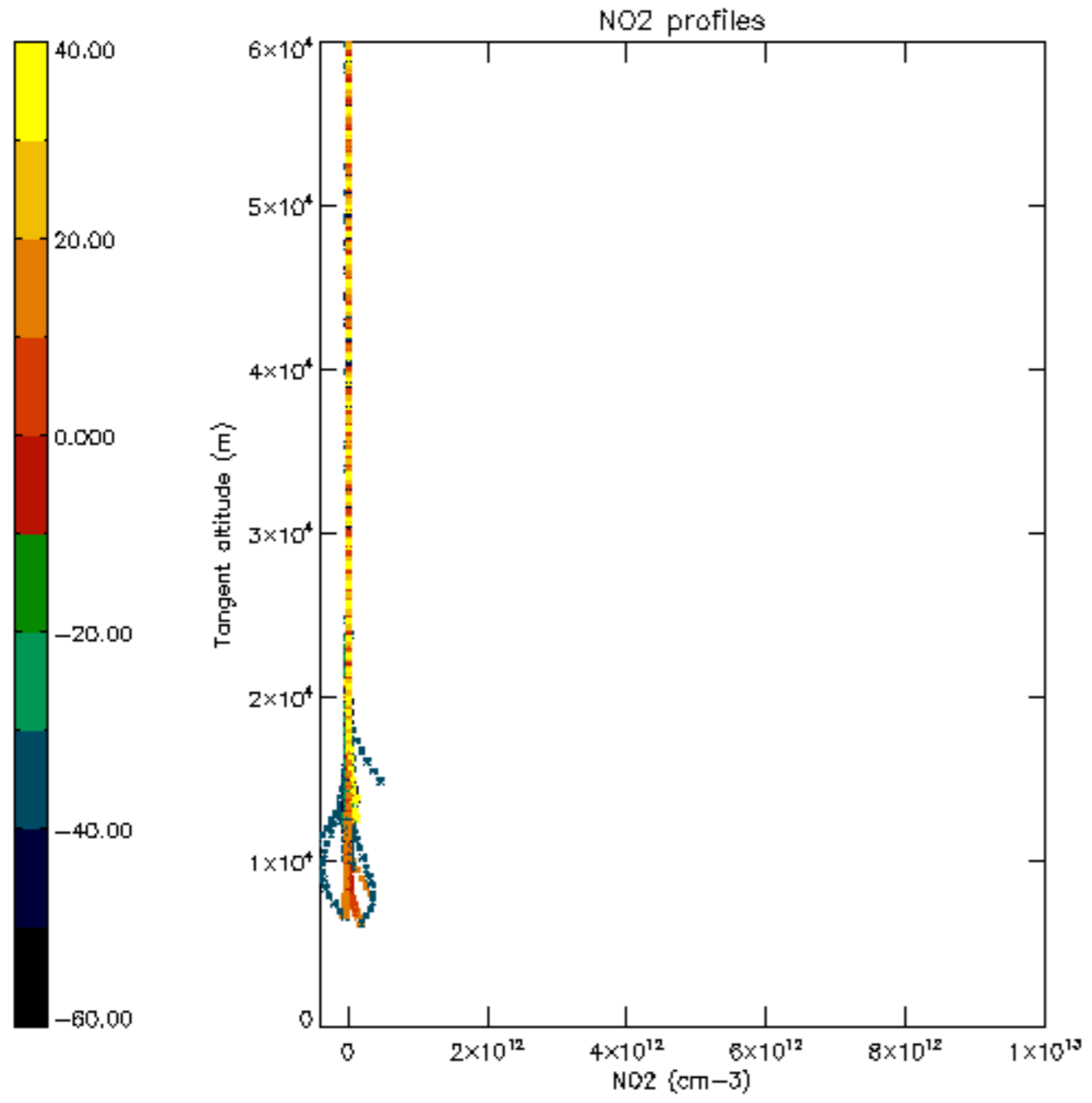


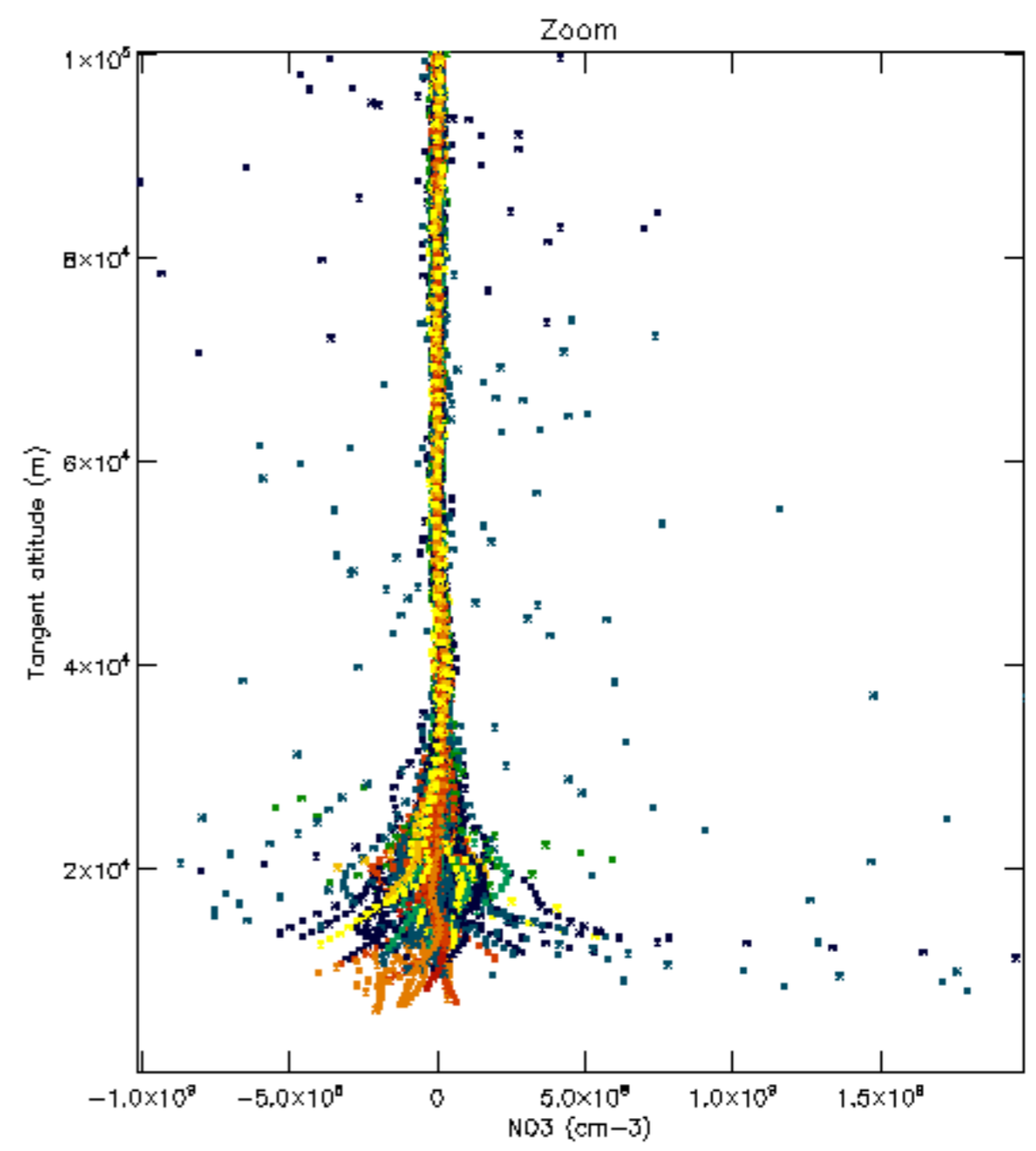
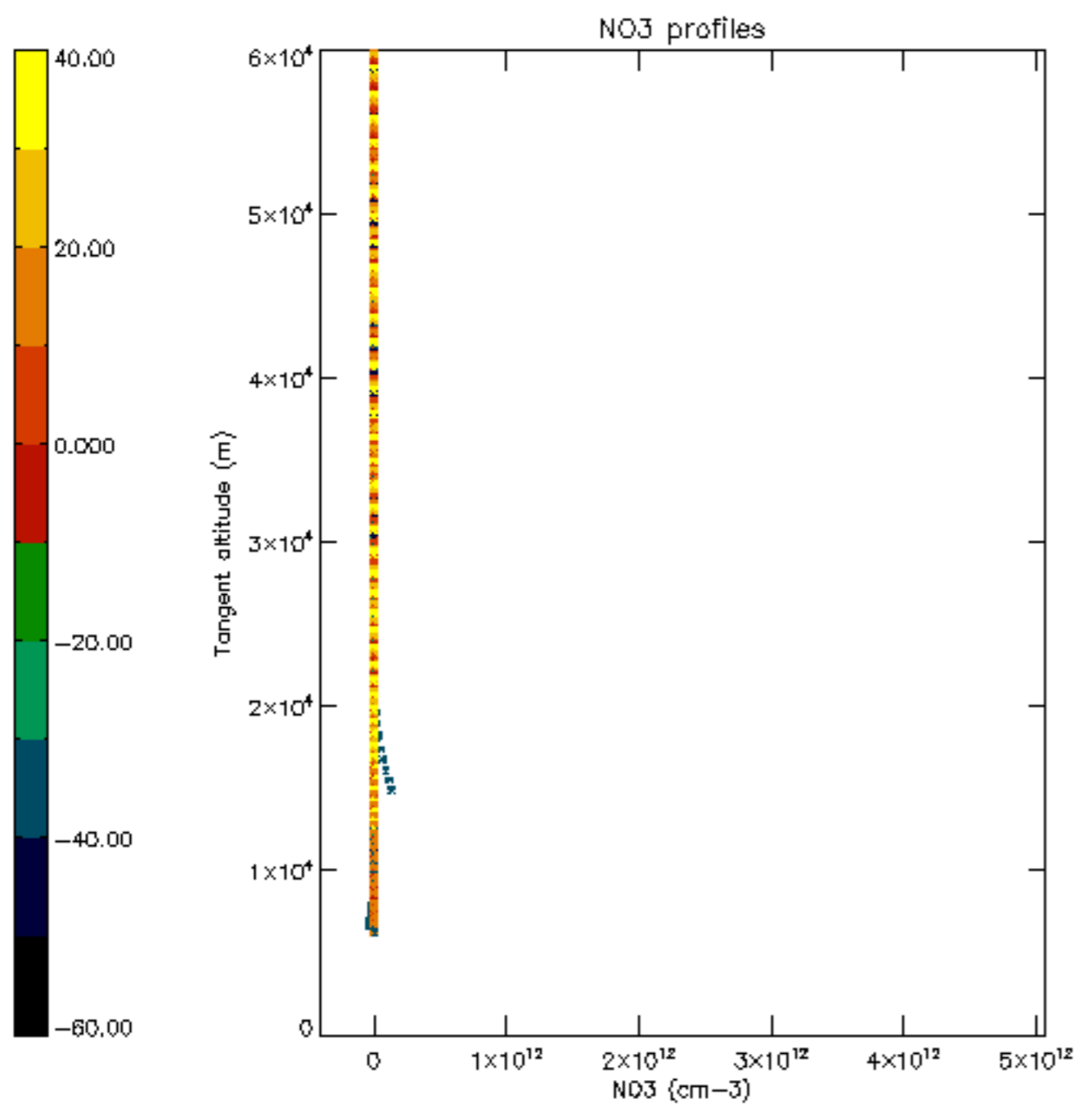


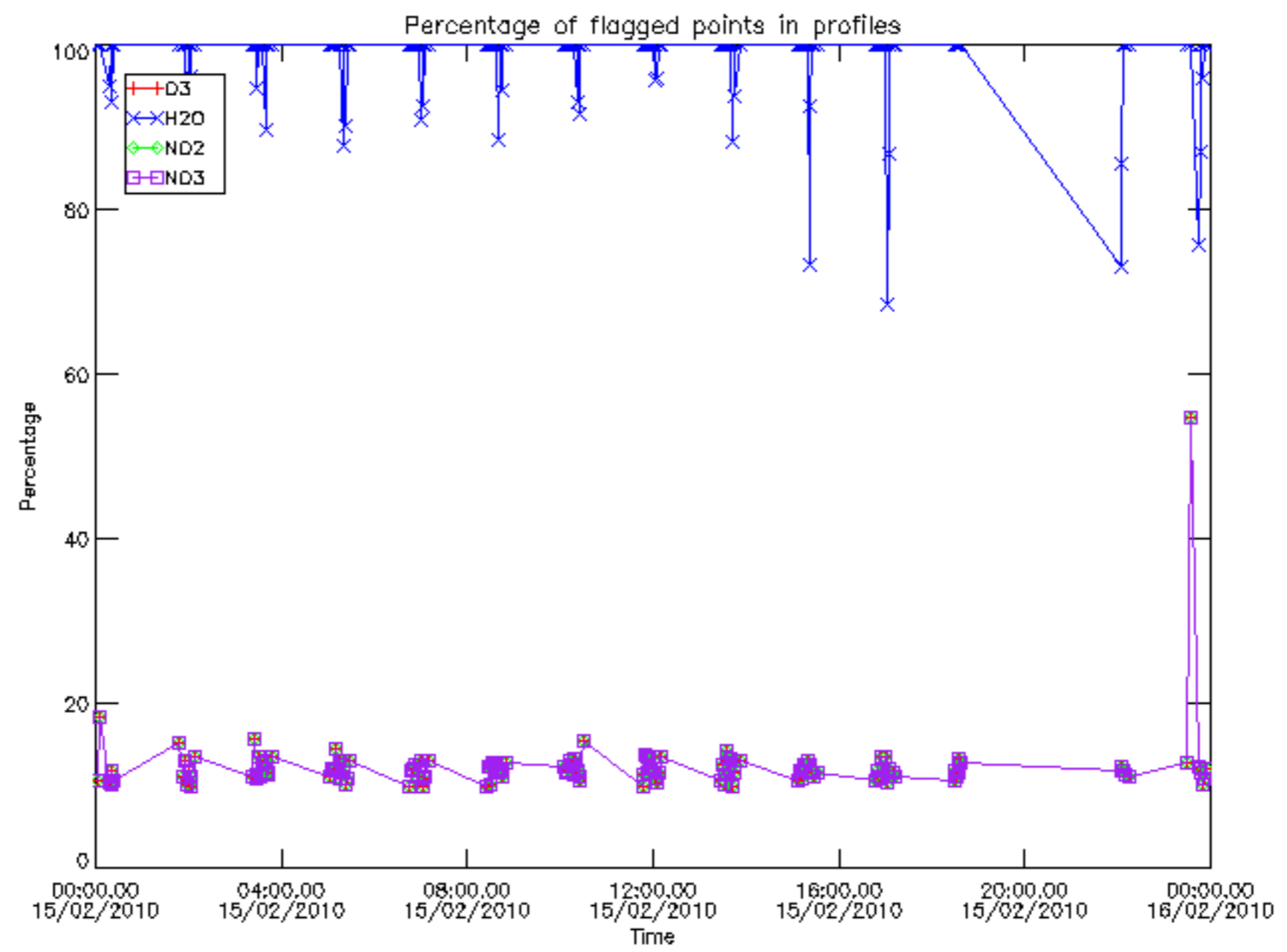




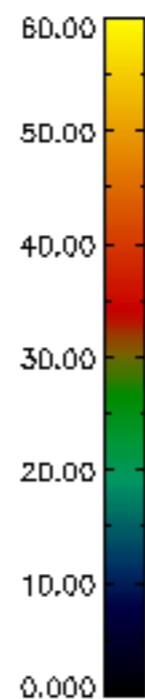
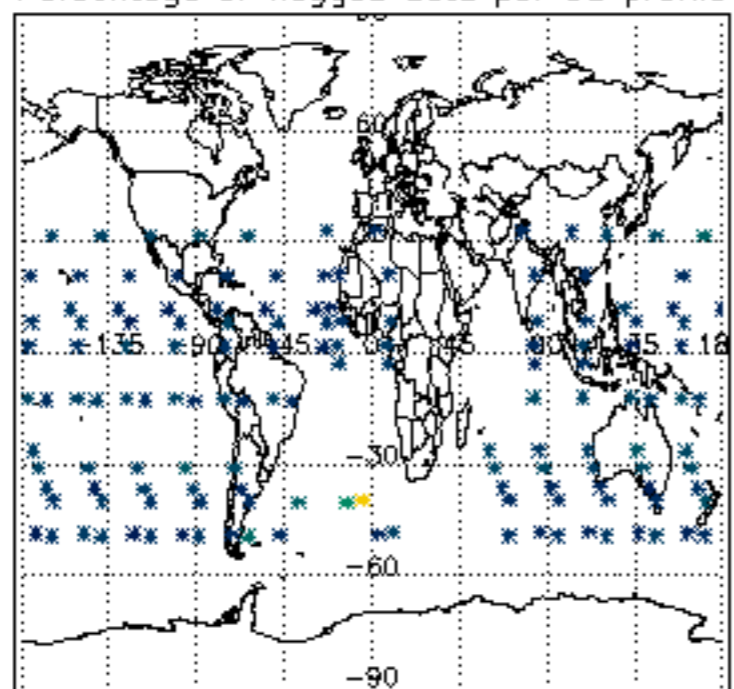




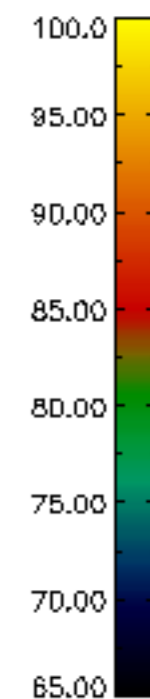
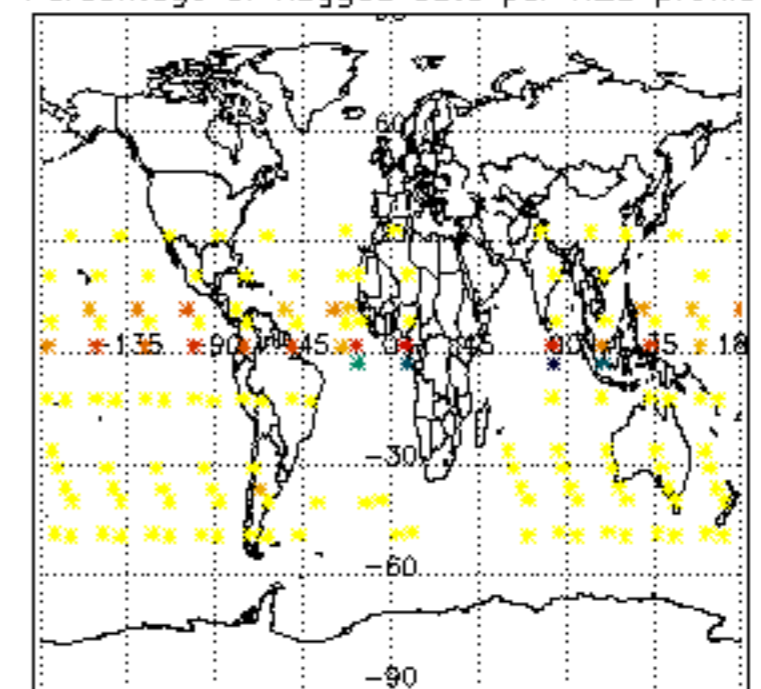




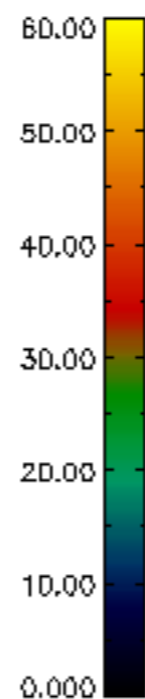
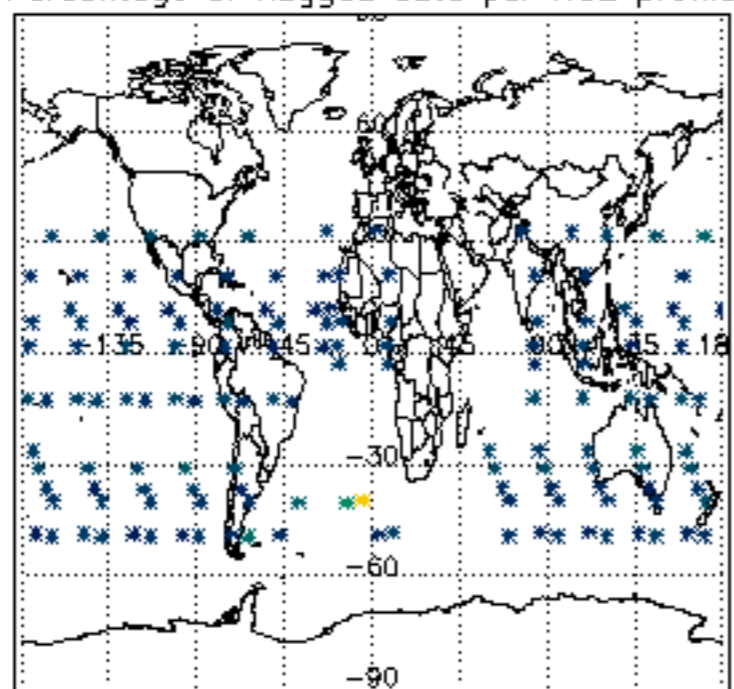
Percentage of flagged data per D3 profile



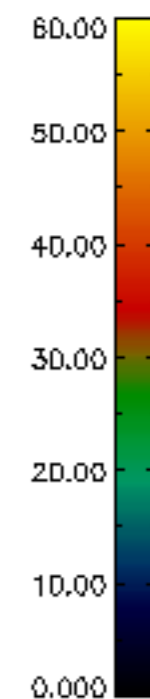
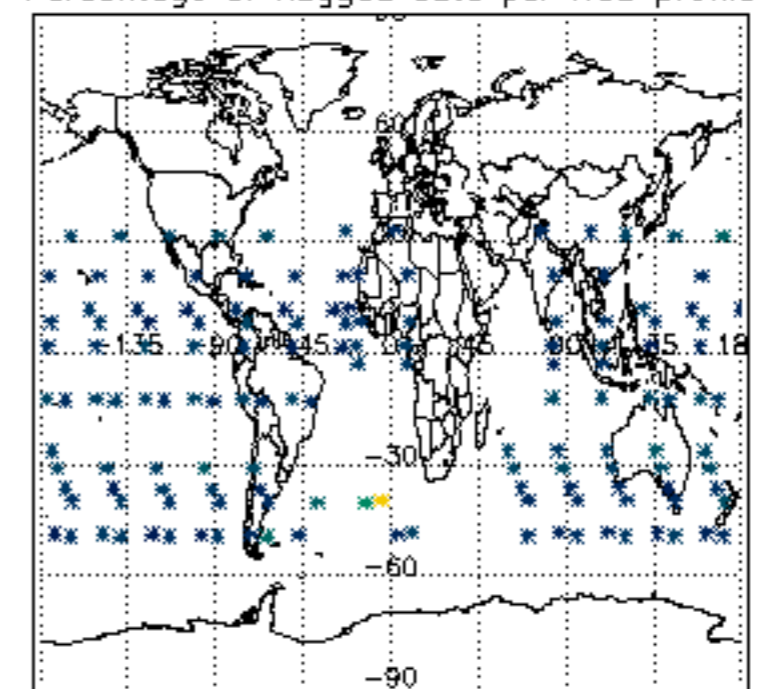
Percentage of flagged data per H2O profile

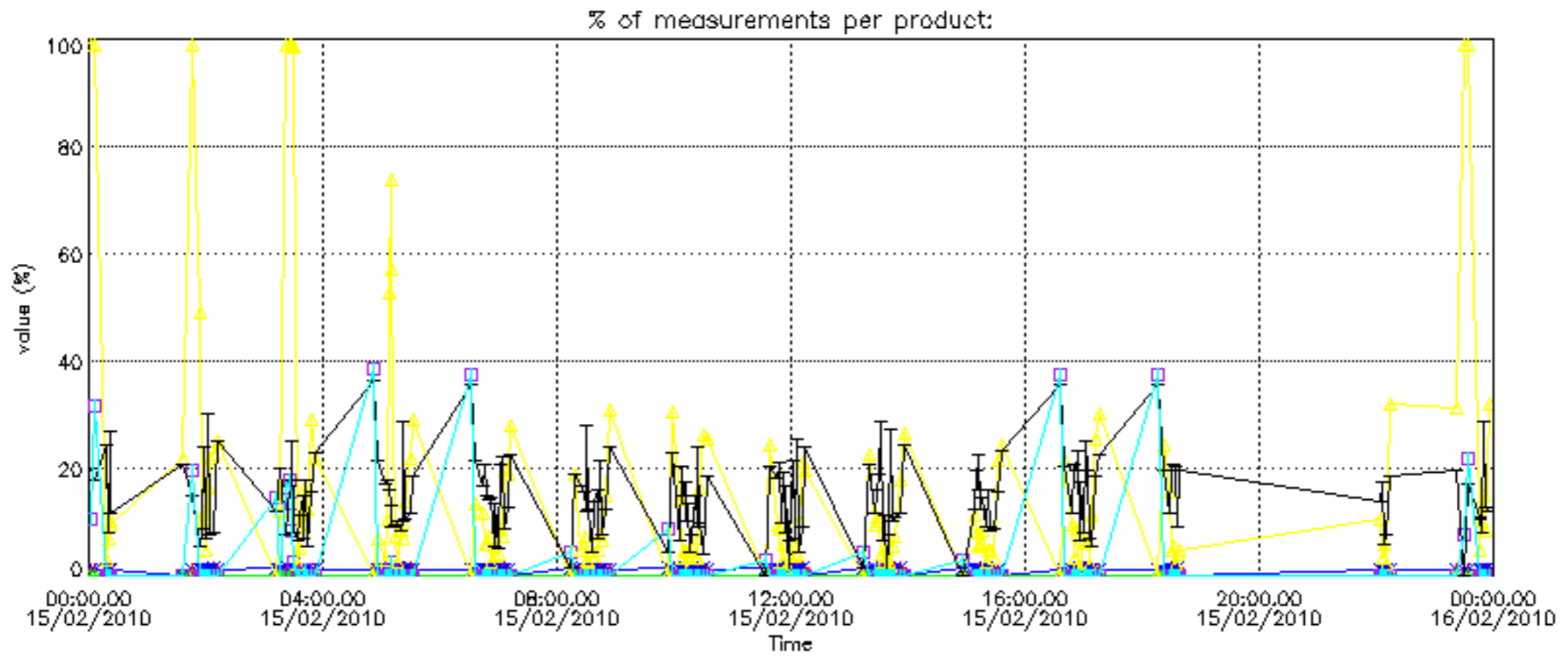
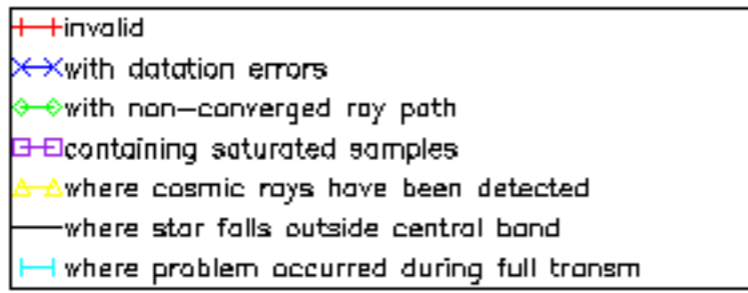


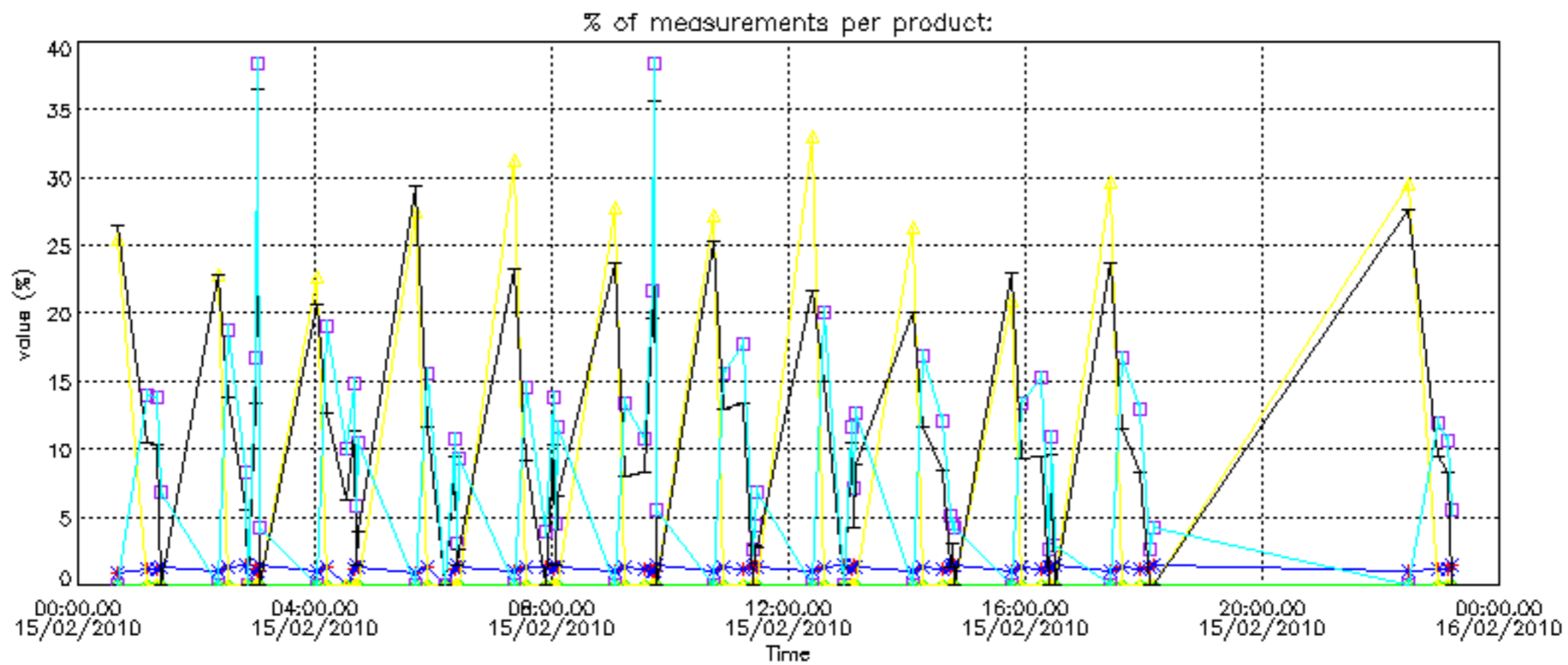
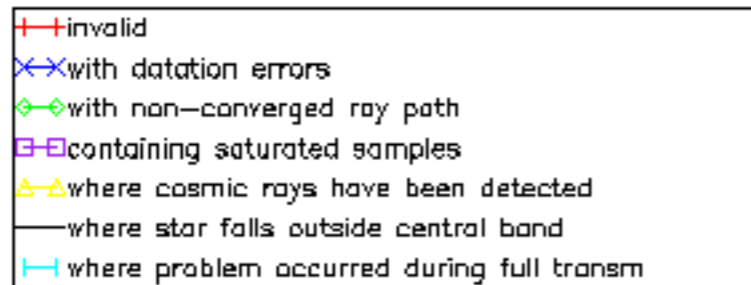
Percentage of flagged data per NO2 profile



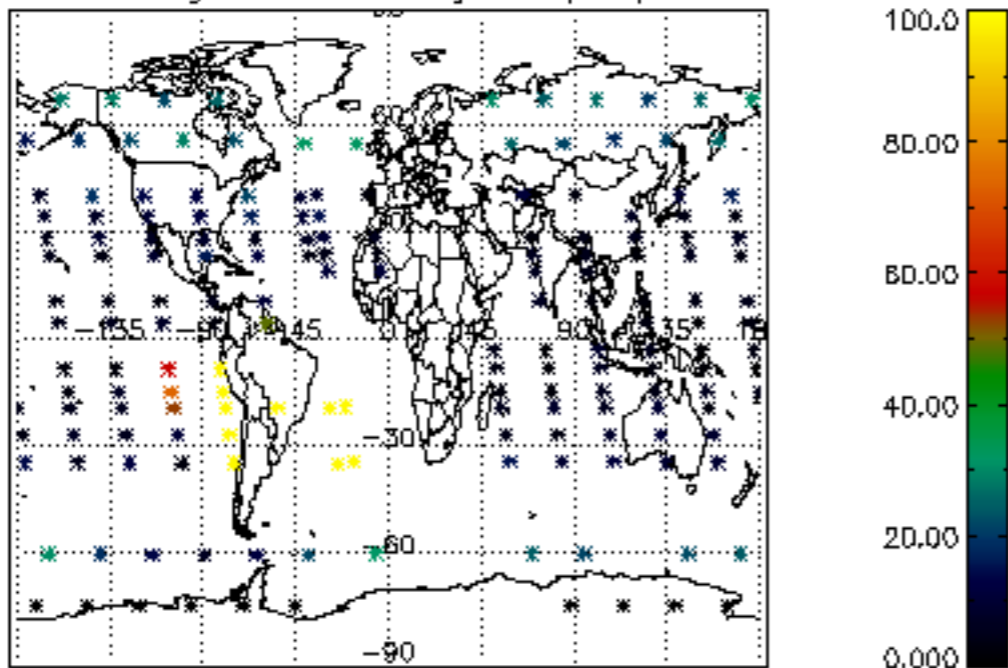
Percentage of flagged data per NO3 profile



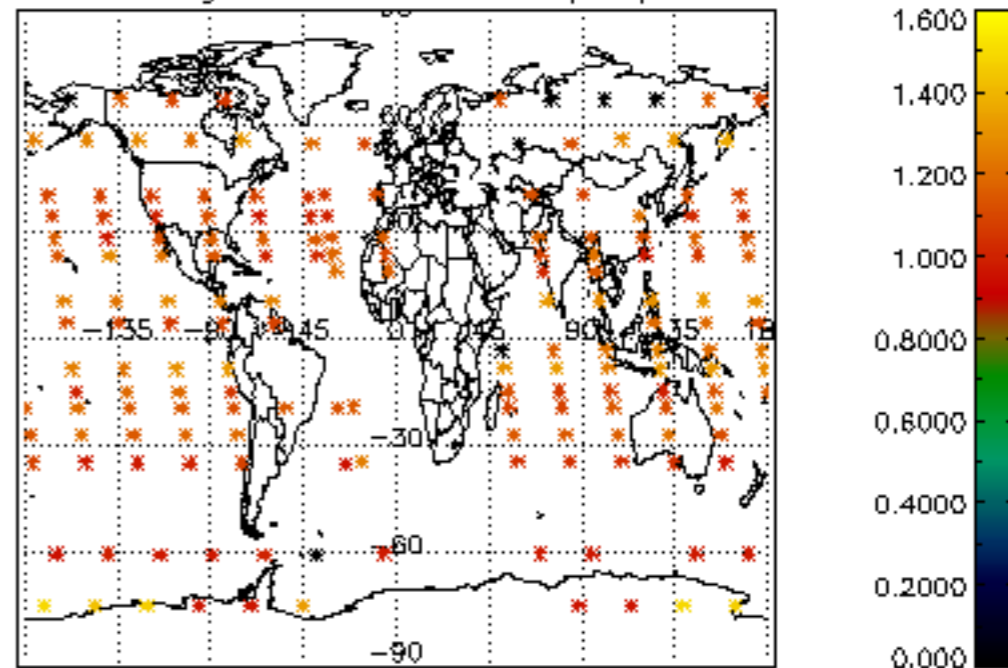




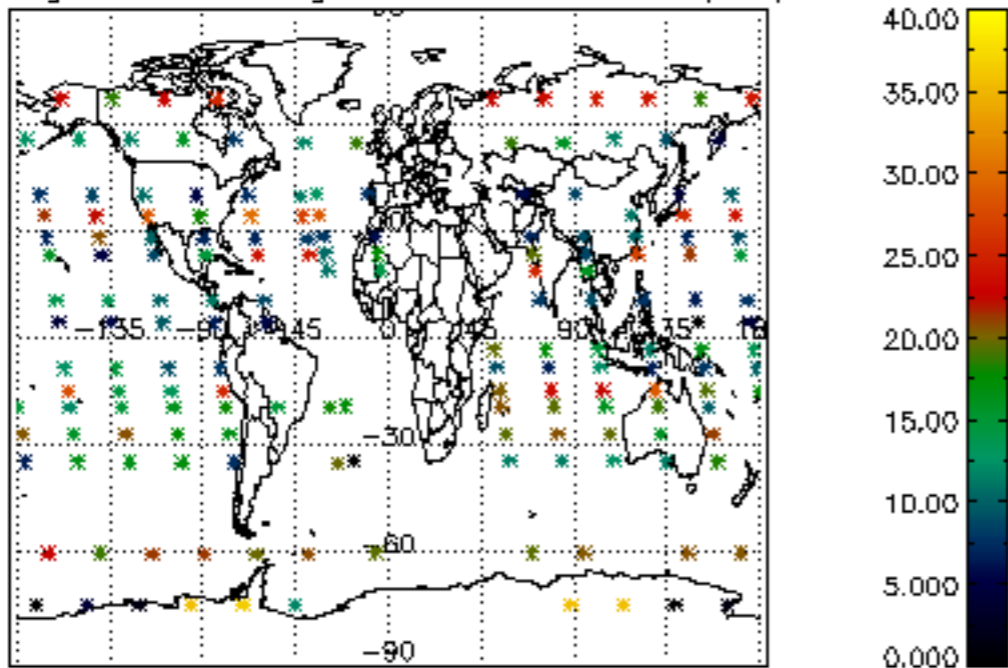
Percentage of cosmic ray hits per profile



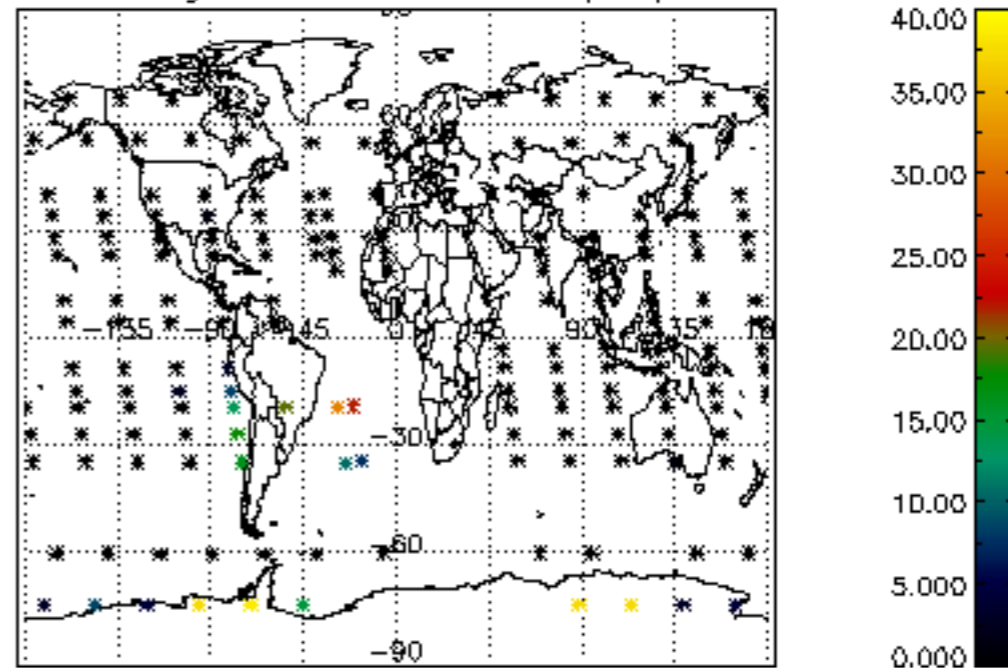
Percentage of datation errors per profile



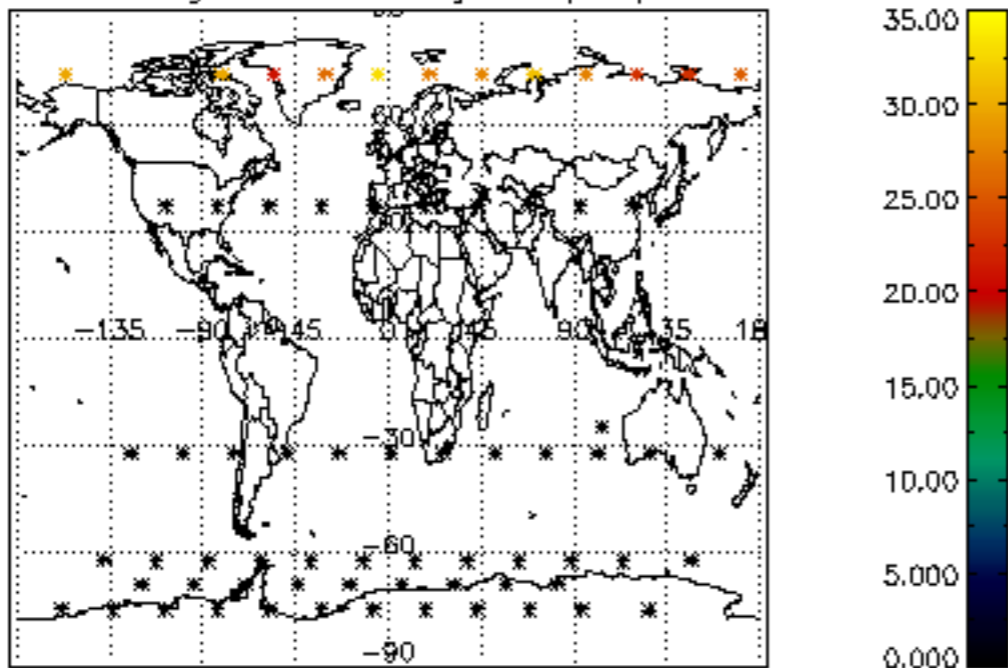
Percentage of star falling outside central band per profile



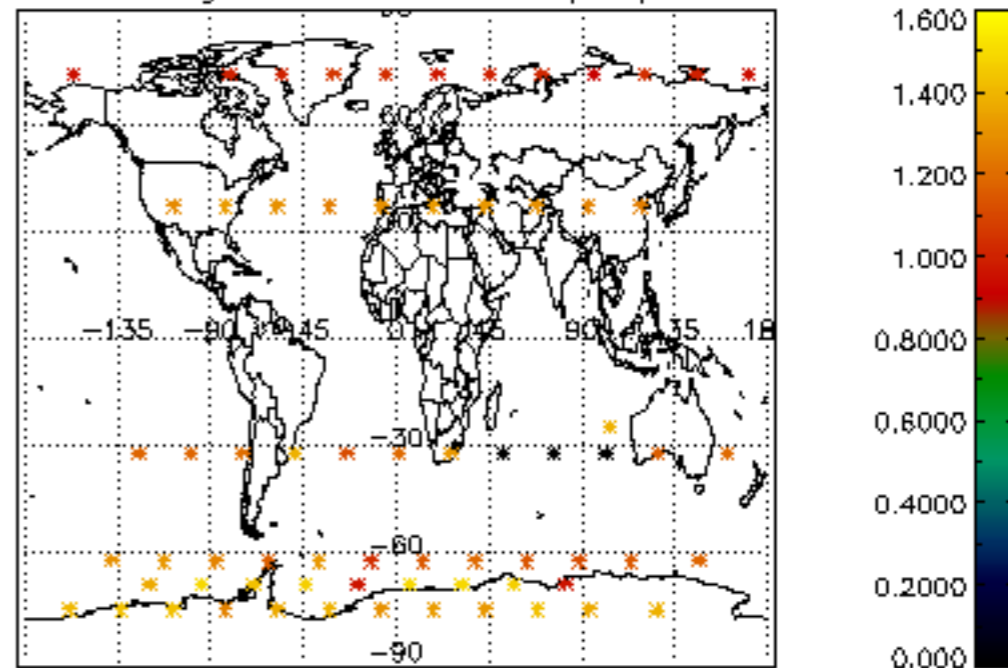
Percentage of saturation errors per profile



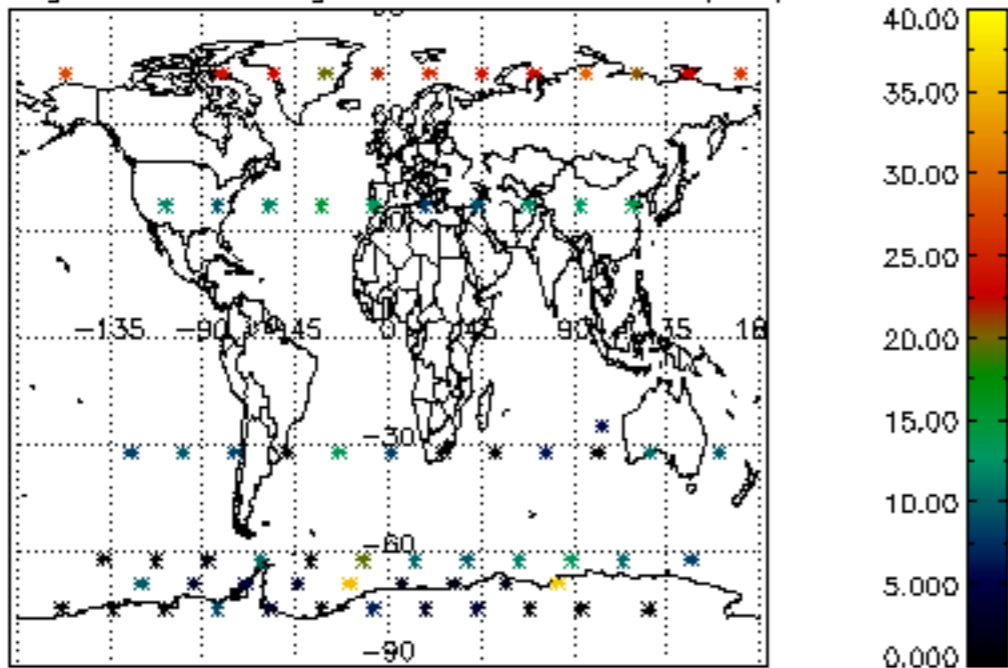
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

