

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	24APR2013 06:17:00
Data source version	GOMOS/6.01
Start time of products	04-12-2006 (04DEC2006 00:00:00)
Stop time of products	05-12-2006 (05DEC2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	288
Nb of prods with errors	2

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__2PRFIN20061204_001505_000000362053_00288_24891_1581.N1	04-DEC-2006 00:15:05	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	24891	No
2	GOM_NL__2PRFIN20061204_001640_000000412053_00288_24891_1582.N1	04-DEC-2006 00:16:40	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	24891	No
3	GOM_NL__2PRFIN20061204_001828_000000342053_00288_24891_1583.N1	04-DEC-2006 00:18:28	Bright	34.000	32	77Eps UMa	1.7630	11000.	68	24891	No
4	GOM_NL__2PRFIN20061204_002407_000000352053_00288_24891_1584.N1	04-DEC-2006 00:24:07	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	24891	No
5	GOM_NL__2PRFIN20061204_003253_000000452053_00288_24891_1585.N1	04-DEC-2006 00:32:53	Bright	44.500	138	47Eps Vir	2.8280	4700.0	89	24891	No
6	GOM_NL__2PRFIN20061204_003722_000000402053_00288_24891_1586.N1	04-DEC-2006 00:37:22	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	24891	No
7	GOM_NL__2PRFIN20061204_004311_000000402053_00288_24891_1587.N1	04-DEC-2006 00:43:11	Dark	39.500	100	4Gam Crv	2.5800	13100.	79	24891	No
8	GOM_NL__2PRFIN20061204_004447_000000452053_00288_24891_1588.N1	04-DEC-2006 00:44:47	Dark	44.500	171	2Eps Crv	3.0010	4250.0	89	24891	No
9	GOM_NL__2PRFIN20061204_005413_000000382053_00289_24892_1509.N1	04-DEC-2006 00:54:13	Dark	38.000	113	Mu Vel	2.6920	5000.0	76	24892	No
10	GOM_NL__2PRFIN20061204_010254_000000442053_00289_24892_1510.N1	04-DEC-2006 01:02:54	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	24892	No
11	GOM_NL__2PRFIN20061204_010600_000000442053_00289_24892_1511.N1	04-DEC-2006 01:06:00	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	24892	No
12	GOM_NL__2PRFIN20061204_010806_000000522053_00289_24892_1512.N1	04-DEC-2006 01:08:06	Dark	52.000	117	Pi Pup	2.7060	3800.0	104	24892	No
13	GOM_NL__2PRFIN20061204_011222_000000372053_00289_24892_1513.N1	04-DEC-2006 01:12:22	Dark	36.500	108	Alp Col	2.6520	15200.	73	24892	No
14	GOM_NL__2PRFIN20061204_011755_000000452053_00289_24892_1514.N1	04-DEC-2006 01:17:55	Straylight	45.000	101	11Alp Lep	2.5820	7000.0	90	24892	No
15	GOM_NL__2PRFIN20061204_012124_000000532053_00289_24892_1515.N1	04-DEC-2006 01:21:24	Straylight	53.000	7	19Bet Ori	0.10000	14000.	106	24892	No
16	GOM_NL__2PRFIN20061204_012913_000000542053_00289_24892_1516.N1	04-DEC-2006 01:29:13	Bright	54.000	13	87Alp Tau	0.86700	3800.0	108	24892	No
17	GOM_NL__2PRFIN20061204_013316_000000322053_00289_24892_1517.N1	04-DEC-2006 01:33:16	Bright	32.000	150	44Zet Per	2.8900	28000.	64	24892	No
18	GOM_NL__2PRFIN20061204_013540_000000312053_00289_24892_1518.N1	04-DEC-2006 01:35:40	Bright	30.500	149	45Eps Per	2.8880	30000.	61	24892	No
19	GOM_NL__2PRFIN20061204_013743_000000292053_00289_24892_1519.N1	04-DEC-2006 01:37:43	Bright	29.000	175	39Del Per	3.0100	19400.	58	24892	No
20	GOM_NL__2PRFIN20061204_013917_000000382053_00289_24892_1520.N1	04-DEC-2006 01:39:17	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	24892	No
21	GOM_NL__2PRFIN20061204_015540_000000372053_00289_24892_1521.N1	04-DEC-2006 01:55:40	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	24892	No
22	GOM_NL__2PRFIN20061204_015715_000000392053_00289_24892_1522.N1	04-DEC-2006 01:57:15	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	24892	No
23	GOM_NL__2PRFIN20061204_015903_000000342053_00289_24892_1523.N1	04-DEC-2006 01:59:03	Bright	33.500	32	77Eps UMa	1.7630	11000.	67	24892	No
24	GOM_NL__2PRFIN20061204_020443_000000342053_00289_24892_1524.N1	04-DEC-2006 02:04:43	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	24892	No
25	GOM_NL__2PRFIN20061204_021329_000000362053_00289_24892_1525.N1	04-DEC-2006 02:13:29	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	24892	No
26	GOM_NL__2PRFIN20061204_021758_000000432053_00289_24892_1526.N1	04-DEC-2006 02:17:58	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	24892	No
27	GOM_NL__2PRFIN20061204_022524_000000412053_00289_24892_1527.N1	04-DEC-2006 02:25:24	Dark	40.500	171	2Eps Crv	3.0010	4250.0	81	24892	No
28	GOM_NL__2PRFIN20061204_023449_000000372053_00290_24893_1508.N1	04-DEC-2006 02:34:49	Dark	36.500	113	Mu Vel	2.6920	5000.0	73	24893	No
29	GOM_NL__2PRFIN20061204_024330_000000442053_00290_24893_1509.N1	04-DEC-2006 02:43:30	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	24893	No
30	GOM_NL__2PRFIN20061204_024637_000000512053_00290_24893_1510.N1	04-DEC-2006 02:46:37	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	24893	No
31	GOM_NL__2PRFIN20061204_024843_000000562053_00290_24893_1511.N1	04-DEC-2006 02:48:43	Dark	56.000	117	Pi Pup	2.7060	3800.0	112	24893	No
32	GOM_NL__2PRFIN20061204_025258_000000412053_00290_24893_1512.N1	04-DEC-2006 02:52:58	Dark	41.000	108	Alp Col	2.6520	15200.	82	24893	No
33	GOM_NL__2PRFIN20061204_025831_000000432053_00290_24893_1513.N1	04-DEC-2006 02:58:31	Straylight	43.000	101	11Alp Lep	2.5820	7000.0	86	24893	No
34	GOM_NL__2PRFIN20061204_030200_000000582053_00290_24893_1514.N1	04-DEC-2006 03:02:00	Straylight	58.000	7	19Bet Ori	0.10000	14000.	116	24893	No
35	GOM_NL__2PRFIN20061204_030949_000000512053_00290_24893_1515.N1	04-DEC-2006 03:09:49	Bright	51.000	13	87Alp Tau	0.86700	3800.0	102	24893	No
36	GOM_NL__2PRFIN20061204_031351_000000332053_00290_24893_1516.N1	04-DEC-2006 03:13:51	Bright	32.500	150	44Zet Per	2.8900	28000.	65	24893	No
37	GOM_NL__2PRFIN20061204_031616_000000312053_00290_24893_1517.N1	04-DEC-2006 03:16:16	Bright	30.500	149	45Eps Per	2.8880	30000.	61	24893	No
38	GOM_NL__2PRFIN20061204_031819_000000292053_00290_24893_1518.N1	04-DEC-2006 03:18:19	Bright	29.000	175	39Del Per	3.0100	19400.	58	24893	No
39	GOM_NL__2PRFIN20061204_031952_000000392053_00290_24893_1519.N1	04-DEC-2006 03:19:52	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	24893	No
40	GOM_NL__2PRFIN20061204_033616_000000402053_00290_24893_1520.N1	04-DEC-2006 03:36:16	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	24893	No
41	GOM_NL__2PRFIN20061204_033751_000000402053_00290_24893_1521.N1	04-DEC-2006 03:37:51	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	24893	No
42	GOM_NL__2PRFIN20061204_033939_000000342053_00290_24893_1522.N1	04-DEC-2006 03:39:39	Bright	33.500	32	77Eps UMa	1.7630	11000.	67	24893	No

43	GOM_NL__2PRFIN20061204_034519_000000342053_00290_24893_1523.N1	04-DEC-2006 03:45:19	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	24893	No
44	GOM_NL__2PRFIN20061204_035406_000000372053_00290_24893_1524.N1	04-DEC-2006 03:54:06	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	24893	No
45	GOM_NL__2PRFIN20061204_035835_000000382053_00290_24893_1525.N1	04-DEC-2006 03:58:35	Bright	38.000	121	29Gam Vir	2.7400	7200.0	76	24893	No
46	GOM_NL__2PRFIN20061204_040425_000000422053_00290_24893_1526.N1	04-DEC-2006 04:04:25	Dark	42.000	100	4Gam Crv	2.5800	13100.	84	24893	No
47	GOM_NL__2PRFIN20061204_040601_000000402053_00290_24893_1527.N1	04-DEC-2006 04:06:01	Dark	39.500	171	2Eps Crv	3.0010	4250.0	79	24893	No
48	GOM_NL__2PRFIN20061204_041526_000000382053_00291_24894_1507.N1	04-DEC-2006 04:15:26	Dark	37.500	113	Mu Vel	2.6920	5000.0	75	24894	No
49	GOM_NL__2PRFIN20061204_042407_000000422053_00291_24894_1508.N1	04-DEC-2006 04:24:07	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	24894	No
50	GOM_NL__2PRFIN20061204_042713_000000482053_00291_24894_1509.N1	04-DEC-2006 04:27:13	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	24894	No
51	GOM_NL__2PRFIN20061204_042920_000000542053_00291_24894_1510.N1	04-DEC-2006 04:29:20	Dark	54.000	117	Pi Pup	2.7060	3800.0	108	24894	No
52	GOM_NL__2PRFIN20061204_043334_000000382053_00291_24894_1511.N1	04-DEC-2006 04:33:34	Dark	38.000	108	Alp Col	2.6520	15200.	76	24894	No
53	GOM_NL__2PRFIN20061204_043908_000000452053_00291_24894_1512.N1	04-DEC-2006 04:39:08	Straylight	45.000	101	11Alp Lep	2.5820	7000.0	90	24894	No
54	GOM_NL__2PRFIN20061204_044236_000000482053_00291_24894_1513.N1	04-DEC-2006 04:42:36	Straylight	47.500	7	19Bet Ori	0.10000	14000.	95	24894	No
55	GOM_NL__2PRFIN20061204_045024_000000542053_00291_24894_1514.N1	04-DEC-2006 04:50:24	Bright	54.000	13	87Alp Tau	0.86700	3800.0	108	24894	No
56	GOM_NL__2PRFIN20061204_045427_000000312053_00291_24894_1515.N1	04-DEC-2006 04:54:27	Bright	31.000	150	44Zet Per	2.8900	28000.	62	24894	No
57	GOM_NL__2PRFIN20061204_045651_000000312053_00291_24894_1516.N1	04-DEC-2006 04:56:51	Bright	30.500	149	45Eps Per	2.8880	30000.	61	24894	No
58	GOM_NL__2PRFIN20061204_045855_000000302053_00291_24894_1517.N1	04-DEC-2006 04:58:55	Bright	29.500	175	39Del Per	3.0100	19400.	59	24894	No
59	GOM_NL__2PRFIN20061204_050027_000000422053_00291_24894_1518.N1	04-DEC-2006 05:00:27	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	24894	No
60	GOM_NL__2PRFIN20061204_051651_000000572053_00291_24894_1519.N1	04-DEC-2006 05:16:51	Bright	57.000	36	50Alp UMa	1.8000	6300.0	114	24894	No
61	GOM_NL__2PRFIN20061204_051827_000000402053_00291_24894_1520.N1	04-DEC-2006 05:18:27	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	24894	No
62	GOM_NL__2PRFIN20061204_052015_000000352053_00291_24894_1521.N1	04-DEC-2006 05:20:15	Bright	34.500	32	77Eps UMa	1.7630	11000.	69	24894	No
63	GOM_NL__2PRFIN20061204_052555_000000332053_00291_24894_1522.N1	04-DEC-2006 05:25:55	Bright	33.000	152	12Alp2CVn	2.8900	11000.	66	24894	No
64	GOM_NL__2PRFIN20061204_053442_000000542053_00291_24894_1523.N1	04-DEC-2006 05:34:42	Bright	54.000	138	47Eps Vir	2.8280	4700.0	108	24894	No
65	GOM_NL__2PRFIN20061204_053912_000000412053_00291_24894_1524.N1	04-DEC-2006 05:39:12	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	24894	No
66	GOM_NL__2PRFIN20061204_054502_000000412053_00291_24894_1525.N1	04-DEC-2006 05:45:02	Dark	40.500	100	4Gam Crv	2.5800	13100.	81	24894	No
67	GOM_NL__2PRFIN20061204_054637_000000432053_00291_24894_1526.N1	04-DEC-2006 05:46:37	Dark	42.500	171	2Eps Crv	3.0010	4250.0	85	24894	No
68	GOM_NL__2PRFIN20061204_055603_000000382053_00292_24895_1506.N1	04-DEC-2006 05:56:03	Dark	38.000	113	Mu Vel	2.6920	5000.0	76	24895	No
69	GOM_NL__2PRFIN20061204_060444_000000422053_00292_24895_1507.N1	04-DEC-2006 06:04:44	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	24895	No
70	GOM_NL__2PRFIN20061204_060750_000000452053_00292_24895_1508.N1	04-DEC-2006 06:07:50	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	24895	No
71	GOM_NL__2PRFIN20061204_060956_000000522053_00292_24895_1509.N1	04-DEC-2006 06:09:56	Dark	51.500	117	Pi Pup	2.7060	3800.0	103	24895	No
72	GOM_NL__2PRFIN20061204_061411_000000372053_00292_24895_1510.N1	04-DEC-2006 06:14:11	Dark	37.000	108	Alp Col	2.6520	15200.	74	24895	No
73	GOM_NL__2PRFIN20061204_061944_000000442053_00292_24895_1511.N1	04-DEC-2006 06:19:44	Straylight	43.500	101	11Alp Lep	2.5820	7000.0	87	24895	No
74	GOM_NL__2PRFIN20061204_062312_000000432053_00292_24895_1512.N1	04-DEC-2006 06:23:12	Straylight	43.000	7	19Bet Ori	0.10000	14000.	86	24895	No
75	GOM_NL__2PRFIN20061204_063100_000000522053_00292_24895_1513.N1	04-DEC-2006 06:31:00	Bright	51.500	13	87Alp Tau	0.86700	3800.0	103	24895	No
76	GOM_NL__2PRFIN20061204_063503_000000312053_00292_24895_1514.N1	04-DEC-2006 06:35:03	Bright	30.500	150	44Zet Per	2.8900	28000.	61	24895	No
77	GOM_NL__2PRFIN20061204_063727_000000312053_00292_24895_1515.N1	04-DEC-2006 06:37:27	Bright	31.000	149	45Eps Per	2.8880	30000.	62	24895	No
78	GOM_NL__2PRFIN20061204_063935_000000262053_00292_24895_1516.N1	04-DEC-2006 06:39:35	Dark	26.000	175	39Del Per	3.0100	19400.	52	24895	Yes
79	GOM_NL__2PRFIN20061204_064103_000000422053_00292_24895_1517.N1	04-DEC-2006 06:41:03	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	24895	No
80	GOM_NL__2PRFIN20061204_065727_000000382053_00292_24895_1518.N1	04-DEC-2006 06:57:27	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	24895	No
81	GOM_NL__2PRFIN20061204_065902_000000382053_00292_24895_1519.N1	04-DEC-2006 06:59:02	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	24895	No
82	GOM_NL__2PRFIN20061204_070051_000000332053_00292_24895_1520.N1	04-DEC-2006 07:00:51	Bright	32.500	32	77Eps UMa	1.7630	11000.	65	24895	No
83	GOM_NL__2PRFIN20061204_070631_000000342053_00292_24895_1521.N1	04-DEC-2006 07:06:31	Bright	33.500	152	12Alp2CVn	2.8900	11000.	67	24895	No
84	GOM_NL__2PRFIN20061204_071518_000000512053_00292_24895_1522.N1	04-DEC-2006 07:15:18	Bright	51.000	138	47Eps Vir	2.8280	4700.0	102	24895	No
85	GOM_NL__2PRFIN20061204_071948_000000402053_00292_24895_1523.N1	04-DEC-2006 07:19:48	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	24895	No
86	GOM_NL__2PRFIN20061204_072538_000000432053_00292_24895_1524.N1	04-DEC-2006 07:25:38	Dark	42.500	100	4Gam Crv	2.5800	13100.	85	24895	No
87	GOM_NL__2PRFIN20061204_072714_000000452053_00292_24895_1525.N1	04-DEC-2006 07:27:14	Dark	45.000	171	2Eps Crv	3.0010	4250.0	90	24895	No
88	GOM_NL__2PRFIN20061204_073640_000000362053_00293_24896_1505.N1	04-DEC-2006 07:36:40	Dark	36.000	113	Mu Vel	2.6920	5000.0	72	24896	No
89	GOM_NL__2PRFIN20061204_074521_000000452053_00293_24896_1506.N1	04-DEC-2006 07:45:21	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	24896	No
90	GOM_NL__2PRFIN20061204_074826_000000472053_00293_24896_1507.N1	04-DEC-2006 07:48:26	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	24896	No
91	GOM_NL__2PRFIN20061204_075033_000000492053_00293_24896_1508.N1	04-DEC-2006 07:50:33	Dark	48.500	117	Pi Pup	2.7060	3800.0	97	24896	No
92	GOM_NL__2PRFIN20061204_075447_000000372053_00293_24896_1509.N1	04-DEC-2006 07:54:47	Dark	37.000	108	Alp Col	2.6520	15200.	74	24896	No
93	GOM_NL__2PRFIN20061204_080020_000000462053_00293_24896_1510.N1	04-DEC-2006 08:00:20	Straylight	46.000	101	11Alp Lep	2.5820	7000.0	92	24896	No
94	GOM_NL__2PRFIN20061204_080348_000000552053_00293_24896_1511.N1	04-DEC-2006 08:03:48	Straylight	55.000	7	19Bet Ori	0.10000	14000.	110	24896	No
95	GOM_NL__2PRFIN20061204_081136_000000542053_00293_24896_1512.N1	04-DEC-2006 08:11:36	Bright	54.000	13	87Alp Tau	0.86700	3800.0	108	24896	No
96	GOM_NL__2PRFIN20061204_081319_000000322053_00293_24896_1513.N1	04-DEC-2006 08:13:19	Bright	31.500	146	25Eta Tau	2.8730	15200.	63	24896	No
97	GOM_NL__2PRFIN20061204_081539_000000322053_00293_24896_1514.N1	04-DEC-2006 08:15:39	Bright	32.000	150	44Zet Per	2.8900	28000.	64	24896	No
98	GOM_NL__2PRFIN20061204_081803_000000302053_00293_24896_1515.N1	04-DEC-2006 08:18:03	Bright	30.000	149	45Eps Per	2.8880	30000.	60	24896	No
99	GOM_NL__2PRFIN20061204_082138_000000402053_00293_24896_1516.N1	04-DEC-2006 08:21:38	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	24896	No
100	GOM_NL__2PRFIN20061204_083803_000000372053_00293_24896_1517.N1	04-DEC-2006 08:38:03	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	24896	No
101	GOM_NL__2PRFIN20061204_083938_000000372053_00293_24896_1518.N1	04-DEC-2006 08:39:38	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	24896	No

102	GOM_NL__2PRFIN20061204_084127_000000332053_00293_24896_1519.N1	04-DEC-2006 08:41:27	Bright	32.500	32	77Eps UMa	1.7630	11000.	65	24896	No
103	GOM_NL__2PRFIN20061204_084707_000000342053_00293_24896_1520.N1	04-DEC-2006 08:47:07	Bright	33.500	152	12Alp2CVn	2.8900	11000.	67	24896	No
104	GOM_NL__2PRFIN20061204_085554_000000362053_00293_24896_1521.N1	04-DEC-2006 08:55:54	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	24896	No
105	GOM_NL__2PRFIN20061204_090025_000000422053_00293_24896_1522.N1	04-DEC-2006 09:00:25	Bright	42.000	121	29Gam Vir	2.7400	7200.0	84	24896	No
106	GOM_NL__2PRFIN20061204_090615_000000422053_00293_24896_1523.N1	04-DEC-2006 09:06:15	Dark	42.000	100	4Gam Crv	2.5800	13100.	84	24896	No
107	GOM_NL__2PRFIN20061204_090751_000000432053_00293_24896_1524.N1	04-DEC-2006 09:07:51	Dark	42.500	171	2Eps Crv	3.0010	4250.0	85	24896	No
108	GOM_NL__2PRFIN20061204_091716_000000392053_00294_24897_1503.N1	04-DEC-2006 09:17:16	Dark	39.000	113	Mu Vel	2.6920	5000.0	78	24897	No
109	GOM_NL__2PRFIN20061204_092558_000000432053_00294_24897_1504.N1	04-DEC-2006 09:25:58	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	24897	No
110	GOM_NL__2PRFIN20061204_092902_000000502053_00294_24897_1505.N1	04-DEC-2006 09:29:02	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	24897	No
111	GOM_NL__2PRFIN20061204_093110_000000542053_00294_24897_1506.N1	04-DEC-2006 09:31:10	Dark	53.500	117	Pi Pup	2.7060	3800.0	107	24897	No
112	GOM_NL__2PRFIN20061204_093524_000000382053_00294_24897_1507.N1	04-DEC-2006 09:35:24	Dark	37.500	108	Alp Col	2.6520	15200.	75	24897	No
113	GOM_NL__2PRFIN20061204_094056_000000432053_00294_24897_1508.N1	04-DEC-2006 09:40:56	Straylight	43.000	101	11Alp Lep	2.5820	7000.0	86	24897	No
114	GOM_NL__2PRFIN20061204_094423_000000582053_00294_24897_1509.N1	04-DEC-2006 09:44:23	Straylight	58.000	7	19Bet Ori	0.10000	14000.	116	24897	No
115	GOM_NL__2PRFIN20061204_095211_000000492053_00294_24897_1510.N1	04-DEC-2006 09:52:11	Bright	49.000	13	87Alp Tau	0.86700	3800.0	98	24897	No
116	GOM_NL__2PRFIN20061204_095355_000000332053_00294_24897_1511.N1	04-DEC-2006 09:53:55	Bright	32.500	146	25Eta Tau	2.8730	15200.	65	24897	No
117	GOM_NL__2PRFIN20061204_095615_000000322053_00294_24897_1512.N1	04-DEC-2006 09:56:15	Bright	31.500	150	44Zet Per	2.8900	28000.	63	24897	No
118	GOM_NL__2PRFIN20061204_095838_000000312053_00294_24897_1513.N1	04-DEC-2006 09:58:38	Bright	31.000	149	45Eps Per	2.8880	30000.	62	24897	No
119	GOM_NL__2PRFIN20061204_100213_000000402053_00294_24897_1514.N1	04-DEC-2006 10:02:13	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	24897	No
120	GOM_NL__2PRFIN20061204_101838_000000392053_00294_24897_1515.N1	04-DEC-2006 10:18:38	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	24897	No
121	GOM_NL__2PRFIN20061204_102013_000000402053_00294_24897_1516.N1	04-DEC-2006 10:20:13	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	24897	No
122	GOM_NL__2PRFIN20061204_102202_000000342053_00294_24897_1517.N1	04-DEC-2006 10:22:02	Bright	33.500	32	77Eps UMa	1.7630	11000.	67	24897	No
123	GOM_NL__2PRFIN20061204_102743_000000332053_00294_24897_1518.N1	04-DEC-2006 10:27:43	Bright	33.000	152	12Alp2CVn	2.8900	11000.	66	24897	No
124	GOM_NL__2PRFIN20061204_103631_000000362053_00294_24897_1519.N1	04-DEC-2006 10:36:31	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	24897	No
125	GOM_NL__2PRFIN20061204_104102_000000432053_00294_24897_1520.N1	04-DEC-2006 10:41:02	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	24897	No
126	GOM_NL__2PRFIN20061204_104652_000000402053_00294_24897_1521.N1	04-DEC-2006 10:46:52	Dark	40.000	100	4Gam Crv	2.5800	13100.	80	24897	No
127	GOM_NL__2PRFIN20061204_104828_000000432053_00294_24897_1522.N1	04-DEC-2006 10:48:28	Dark	42.500	171	2Eps Crv	3.0010	4250.0	85	24897	No
128	GOM_NL__2PRFIN20061204_105753_000000372053_00295_24898_1502.N1	04-DEC-2006 10:57:53	Dark	37.000	113	Mu Vel	2.6920	5000.0	74	24898	No
129	GOM_NL__2PRFIN20061204_110634_000000412053_00295_24898_1503.N1	04-DEC-2006 11:06:34	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	24898	No
130	GOM_NL__2PRFIN20061204_110939_000000502053_00295_24898_1504.N1	04-DEC-2006 11:09:39	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	24898	No
131	GOM_NL__2PRFIN20061204_111147_000000572053_00295_24898_1505.N1	04-DEC-2006 11:11:47	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	24898	No
132	GOM_NL__2PRFIN20061204_111600_000000372053_00295_24898_1506.N1	04-DEC-2006 11:16:00	Dark	37.000	108	Alp Col	2.6520	15200.	74	24898	No
133	GOM_NL__2PRFIN20061204_112132_000000452053_00295_24898_1507.N1	04-DEC-2006 11:21:32	Straylight	44.500	101	11Alp Lep	2.5820	7000.0	89	24898	No
134	GOM_NL__2PRFIN20061204_112459_000000552053_00295_24898_1508.N1	04-DEC-2006 11:24:59	Straylight	55.000	7	19Bet Ori	0.10000	14000.	110	24898	No
135	GOM_NL__2PRFIN20061204_113247_000000442053_00295_24898_1509.N1	04-DEC-2006 11:32:47	Bright	43.500	13	87Alp Tau	0.86700	3800.0	87	24898	No
136	GOM_NL__2PRFIN20061204_113431_000000322053_00295_24898_1510.N1	04-DEC-2006 11:34:31	Bright	31.500	146	25Eta Tau	2.8730	15200.	63	24898	No
137	GOM_NL__2PRFIN20061204_113650_000000322053_00295_24898_1511.N1	04-DEC-2006 11:36:50	Bright	31.500	150	44Zet Per	2.8900	28000.	63	24898	No
138	GOM_NL__2PRFIN20061204_113914_000000312053_00295_24898_1512.N1	04-DEC-2006 11:39:14	Bright	30.500	149	45Eps Per	2.8880	30000.	61	24898	No
139	GOM_NL__2PRFIN20061204_114249_000000572053_00295_24898_1513.N1	04-DEC-2006 11:42:49	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	24898	No
140	GOM_NL__2PRFIN20061204_115913_000000342053_00295_24898_1514.N1	04-DEC-2006 11:59:13	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	24898	No
141	GOM_NL__2PRFIN20061204_120049_000000402053_00295_24898_1515.N1	04-DEC-2006 12:00:49	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	24898	No
142	GOM_NL__2PRFIN20061204_120238_000000342053_00295_24898_1516.N1	04-DEC-2006 12:02:38	Bright	33.500	32	77Eps UMa	1.7630	11000.	67	24898	No
143	GOM_NL__2PRFIN20061204_120448_000000312053_00295_24898_1517.N1	04-DEC-2006 12:04:48	Bright	30.500	39	85Eta UMa	1.8540	24000.	61	24898	No
144	GOM_NL__2PRFIN20061204_120819_000000342053_00295_24898_1518.N1	04-DEC-2006 12:08:19	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	24898	No
145	GOM_NL__2PRFIN20061204_121707_000000372053_00295_24898_1519.N1	04-DEC-2006 12:17:07	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	24898	No
146	GOM_NL__2PRFIN20061204_122138_000000412053_00295_24898_1520.N1	04-DEC-2006 12:21:38	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	24898	No
147	GOM_NL__2PRFIN20061204_122729_000000422053_00295_24898_1521.N1	04-DEC-2006 12:27:29	Dark	42.000	100	4Gam Crv	2.5800	13100.	84	24898	No
148	GOM_NL__2PRFIN20061204_122905_000000432053_00295_24898_1522.N1	04-DEC-2006 12:29:05	Dark	43.000	171	2Eps Crv	3.0010	4250.0	86	24898	No
149	GOM_NL__2PRFIN20061204_123830_000000372053_00296_24899_1501.N1	04-DEC-2006 12:38:30	Dark	37.000	113	Mu Vel	2.6920	5000.0	74	24899	No
150	GOM_NL__2PRFIN20061204_124711_000000412053_00296_24899_1502.N1	04-DEC-2006 12:47:11	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	24899	No
151	GOM_NL__2PRFIN20061204_125015_000000452053_00296_24899_1503.N1	04-DEC-2006 12:50:15	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	24899	No
152	GOM_NL__2PRFIN20061204_125223_000000562053_00296_24899_1504.N1	04-DEC-2006 12:52:23	Dark	56.000	117	Pi Pup	2.7060	3800.0	112	24899	No
153	GOM_NL__2PRFIN20061204_125636_000000352053_00296_24899_1505.N1	04-DEC-2006 12:56:36	Dark	35.000	108	Alp Col	2.6520	15200.	70	24899	No
154	GOM_NL__2PRFIN20061204_130208_000000442053_00296_24899_1506.N1	04-DEC-2006 13:02:08	Straylight	44.000	101	11Alp Lep	2.5820	7000.0	88	24899	No
155	GOM_NL__2PRFIN20061204_130535_000000472053_00296_24899_1507.N1	04-DEC-2006 13:05:35	Straylight	47.000	7	19Bet Ori	0.10000	14000.	94	24899	No
156	GOM_NL__2PRFIN20061204_131322_000000482053_00296_24899_1508.N1	04-DEC-2006 13:13:22	Bright	48.000	13	87Alp Tau	0.86700	3800.0	96	24899	No
157	GOM_NL__2PRFIN20061204_131507_000000332053_00296_24899_1509.N1	04-DEC-2006 13:15:07	Bright	32.500	146	25Eta Tau	2.8730	15200.	65	24899	No
158	GOM_NL__2PRFIN20061204_131726_000000312053_00296_24899_1510.N1	04-DEC-2006 13:17:26	Bright	31.000	150	44Zet Per	2.8900	28000.	62	24899	No
159	GOM_NL__2PRFIN20061204_131950_000000302053_00296_24899_1511.N1	04-DEC-2006 13:19:50	Bright	29.500	149	45Eps Per	2.8880	30000.	59	24899	No
160	GOM_NL__2PRFIN20061204_132324_000000392053_00296_24899_1512.N1	04-DEC-2006 13:23:24	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	24899	No

161	GOM_NL__2PRFIN20061204_133949_000000382053_00296_24899_1513.N1	04-DEC-2006 13:39:49	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	24899	No
162	GOM_NL__2PRFIN20061204_134124_000000402053_00296_24899_1514.N1	04-DEC-2006 13:41:24	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	24899	No
163	GOM_NL__2PRFIN20061204_134314_000000332053_00296_24899_1515.N1	04-DEC-2006 13:43:14	Bright	33.000	32	77Eps UMa	1.7630	11000.	66	24899	No
164	GOM_NL__2PRFIN20061204_134524_000000342053_00296_24899_1516.N1	04-DEC-2006 13:45:24	Bright	33.500	39	85Eta UMa	1.8540	24000.	67	24899	No
165	GOM_NL__2PRFIN20061204_134855_000000352053_00296_24899_1517.N1	04-DEC-2006 13:48:55	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	24899	No
166	GOM_NL__2PRFIN20061204_135743_000000382053_00296_24899_1518.N1	04-DEC-2006 13:57:43	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	24899	No
167	GOM_NL__2PRFIN20061204_140214_000000422053_00296_24899_1519.N1	04-DEC-2006 14:02:14	Bright	41.500	121	29Gam Vir	2.7400	7200.0	83	24899	No
168	GOM_NL__2PRFIN20061204_140805_000000422053_00296_24899_1520.N1	04-DEC-2006 14:08:05	Dark	42.000	100	4Gam Crv	2.5800	13100.	84	24899	No
169	GOM_NL__2PRFIN20061204_140942_000000442053_00296_24899_1521.N1	04-DEC-2006 14:09:42	Dark	44.000	171	2Eps Crv	3.0010	4250.0	88	24899	No
170	GOM_NL__2PRFIN20061204_141907_000000472053_00297_24900_1500.N1	04-DEC-2006 14:19:07	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	24900	No
171	GOM_NL__2PRFIN20061204_142748_000000412053_00297_24900_1501.N1	04-DEC-2006 14:27:48	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	24900	No
172	GOM_NL__2PRFIN20061204_143052_000000472053_00297_24900_1502.N1	04-DEC-2006 14:30:52	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	24900	No
173	GOM_NL__2PRFIN20061204_143300_000000542053_00297_24900_1503.N1	04-DEC-2006 14:33:00	Dark	54.000	117	Pi Pup	2.7060	3800.0	108	24900	No
174	GOM_NL__2PRFIN20061204_143712_000000402053_00297_24900_1504.N1	04-DEC-2006 14:37:12	Dark	39.500	108	Alp Col	2.6520	15200.	79	24900	No
175	GOM_NL__2PRFIN20061204_144244_000000432053_00297_24900_1505.N1	04-DEC-2006 14:42:44	Straylight	42.500	101	11Alp Lep	2.5820	7000.0	85	24900	No
176	GOM_NL__2PRFIN20061204_144611_000000582053_00297_24900_1506.N1	04-DEC-2006 14:46:11	Straylight	58.000	7	19Bet Ori	0.10000	14000.	116	24900	No
177	GOM_NL__2PRFIN20061204_145358_000000542053_00297_24900_1507.N1	04-DEC-2006 14:53:58	Bright	54.000	13	87Alp Tau	0.86700	3800.0	108	24900	No
178	GOM_NL__2PRFIN20061204_145543_000000322053_00297_24900_1508.N1	04-DEC-2006 14:55:43	Bright	32.000	146	25Eta Tau	2.8730	15200.	64	24900	No
179	GOM_NL__2PRFIN20061204_145802_000000322053_00297_24900_1509.N1	04-DEC-2006 14:58:02	Bright	31.500	150	44Zet Per	2.8900	28000.	63	24900	No
180	GOM_NL__2PRFIN20061204_150026_000000302053_00297_24900_1510.N1	04-DEC-2006 15:00:26	Bright	29.500	149	45Eps Per	2.8880	30000.	59	24900	No
181	GOM_NL__2PRFIN20061204_150359_000000412053_00297_24900_1511.N1	04-DEC-2006 15:03:59	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	24900	No
182	GOM_NL__2PRFIN20061204_152025_000000382053_00297_24900_1512.N1	04-DEC-2006 15:20:25	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	24900	No
183	GOM_NL__2PRFIN20061204_152200_000000402053_00297_24900_1513.N1	04-DEC-2006 15:22:00	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	24900	No
184	GOM_NL__2PRFIN20061204_152350_000000352053_00297_24900_1514.N1	04-DEC-2006 15:23:50	Bright	34.500	32	77Eps UMa	1.7630	11000.	69	24900	No
185	GOM_NL__2PRFIN20061204_152600_000000312053_00297_24900_1515.N1	04-DEC-2006 15:26:00	Bright	30.500	39	85Eta UMa	1.8540	24000.	61	24900	No
186	GOM_NL__2PRFIN20061204_152931_000000352053_00297_24900_1516.N1	04-DEC-2006 15:29:31	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	24900	No
187	GOM_NL__2PRFIN20061204_153820_000000372053_00297_24900_1517.N1	04-DEC-2006 15:38:20	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	24900	No
188	GOM_NL__2PRFIN20061204_154251_000000412053_00297_24900_1518.N1	04-DEC-2006 15:42:51	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	24900	No
189	GOM_NL__2PRFIN20061204_154842_000000432053_00297_24900_1519.N1	04-DEC-2006 15:48:42	Dark	42.500	100	4Gam Crv	2.5800	13100.	85	24900	No
190	GOM_NL__2PRFIN20061204_155018_000000442053_00297_24900_1520.N1	04-DEC-2006 15:50:18	Dark	43.500	171	2Eps Crv	3.0010	4250.0	87	24900	No
191	GOM_NL__2PRFIN20061204_155943_000000392053_00298_24901_1510.N1	04-DEC-2006 15:59:43	Dark	38.500	113	Mu Vel	2.6920	5000.0	77	24901	No
192	GOM_NL__2PRFIN20061204_160825_000000422053_00298_24901_1511.N1	04-DEC-2006 16:08:25	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	24901	No
193	GOM_NL__2PRFIN20061204_161128_000000472053_00298_24901_1512.N1	04-DEC-2006 16:11:28	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	24901	No
194	GOM_NL__2PRFIN20061204_161337_000000642053_00298_24901_1513.N1	04-DEC-2006 16:13:37	Dark	63.500	117	Pi Pup	2.7060	3800.0	127	24901	No
195	GOM_NL__2PRFIN20061204_161749_000000402053_00298_24901_1514.N1	04-DEC-2006 16:17:49	Dark	39.500	108	Alp Col	2.6520	15200.	79	24901	No
196	GOM_NL__2PRFIN20061204_162320_000000432053_00298_24901_1515.N1	04-DEC-2006 16:23:20	Straylight	43.000	101	11Alp Lep	2.5820	7000.0	86	24901	No
197	GOM_NL__2PRFIN20061204_162647_000000562053_00298_24901_1516.N1	04-DEC-2006 16:26:47	Straylight	56.000	7	19Bet Ori	0.10000	14000.	112	24901	No
198	GOM_NL__2PRFIN20061204_163434_000000542053_00298_24901_1517.N1	04-DEC-2006 16:34:34	Bright	53.500	13	87Alp Tau	0.86700	3800.0	107	24901	No
199	GOM_NL__2PRFIN20061204_163619_000000312053_00298_24901_1518.N1	04-DEC-2006 16:36:19	Bright	31.000	146	25Eta Tau	2.8730	15200.	62	24901	No
200	GOM_NL__2PRFIN20061204_163838_000000332053_00298_24901_1519.N1	04-DEC-2006 16:38:38	Bright	32.500	150	44Zet Per	2.8900	28000.	65	24901	No
201	GOM_NL__2PRFIN20061204_164101_000000312053_00298_24901_1520.N1	04-DEC-2006 16:41:01	Bright	30.500	149	45Eps Per	2.8880	30000.	61	24901	No
202	GOM_NL__2PRFIN20061204_164435_000000412053_00298_24901_1521.N1	04-DEC-2006 16:44:35	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	24901	No
203	GOM_NL__2PRFIN20061204_170100_000000382053_00298_24901_1522.N1	04-DEC-2006 17:01:00	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	24901	No
204	GOM_NL__2PRFIN20061204_170235_000000392053_00298_24901_1523.N1	04-DEC-2006 17:02:35	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	24901	No
205	GOM_NL__2PRFIN20061204_170426_000000342053_00298_24901_1524.N1	04-DEC-2006 17:04:26	Bright	34.000	32	77Eps UMa	1.7630	11000.	68	24901	No
206	GOM_NL__2PRFIN20061204_170636_000000312053_00298_24901_1525.N1	04-DEC-2006 17:06:36	Bright	31.000	39	85Eta UMa	1.8540	24000.	62	24901	No
207	GOM_NL__2PRFIN20061204_171007_000000342053_00298_24901_1526.N1	04-DEC-2006 17:10:07	Bright	33.500	152	12Alp2CVn	2.8900	11000.	67	24901	No
208	GOM_NL__2PRFIN20061204_171856_000000362053_00298_24901_1527.N1	04-DEC-2006 17:18:56	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	24901	No
209	GOM_NL__2PRFIN20061204_172328_000000432053_00298_24901_1528.N1	04-DEC-2006 17:23:28	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	24901	No
210	GOM_NL__2PRFIN20061204_172919_000000442053_00298_24901_1529.N1	04-DEC-2006 17:29:19	Dark	44.000	100	4Gam Crv	2.5800	13100.	88	24901	No
211	GOM_NL__2PRFIN20061204_173055_000000422053_00298_24901_1530.N1	04-DEC-2006 17:30:55	Dark	42.000	171	2Eps Crv	3.0010	4250.0	84	24901	No
212	GOM_NL__2PRFIN20061204_174020_000000372053_00299_24902_1539.N1	04-DEC-2006 17:40:20	Dark	37.000	113	Mu Vel	2.6920	5000.0	74	24902	No
213	GOM_NL__2PRFIN20061204_174902_000000422053_00299_24902_1540.N1	04-DEC-2006 17:49:02	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	24902	No
214	GOM_NL__2PRFIN20061204_175204_000000512053_00299_24902_1541.N1	04-DEC-2006 17:52:04	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	24902	No
215	GOM_NL__2PRFIN20061204_175413_000000512053_00299_24902_1542.N1	04-DEC-2006 17:54:13	Dark	51.000	117	Pi Pup	2.7060	3800.0	102	24902	No
216	GOM_NL__2PRFIN20061204_175825_000000372053_00299_24902_1543.N1	04-DEC-2006 17:58:25	Dark	37.000	108	Alp Col	2.6520	15200.	74	24902	No
217	GOM_NL__2PRFIN20061204_180356_000000472053_00299_24902_1544.N1	04-DEC-2006 18:03:56	Straylight	46.500	101	11Alp Lep	2.5820	7000.0	93	24902	No
218	GOM_NL__2PRFIN20061204_180723_000000572053_00299_24902_1545.N1	04-DEC-2006 18:07:23	Straylight	57.000	7	19Bet Ori	0.10000	14000.	114	24902	No
219	GOM_NL__2PRFIN20061204_181510_000000522053_00299_24902_1546.N1	04-DEC-2006 18:15:10	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	24902	No

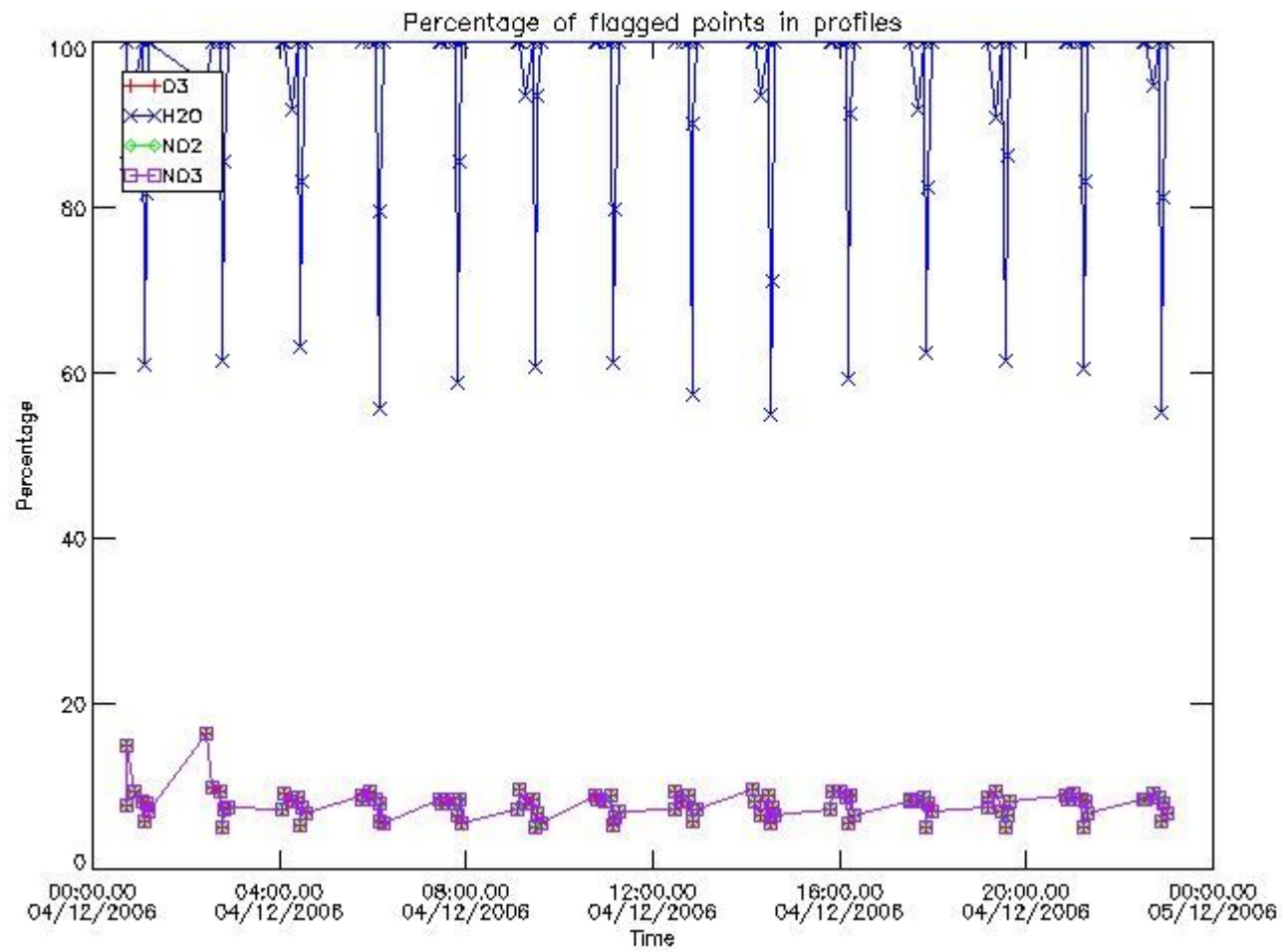
220	GOM_NL__2PRFIN20061204_181654_000000312053_00299_24902_1547.N1	04-DEC-2006 18:16:54	Bright	30.500	146	25Eta Tau	2.8730	15200.	61	24902	No
221	GOM_NL__2PRFIN20061204_181913_000000322053_00299_24902_1548.N1	04-DEC-2006 18:19:13	Bright	31.500	150	44Zet Per	2.8900	28000.	63	24902	No
222	GOM_NL__2PRFIN20061204_182137_000000312053_00299_24902_1549.N1	04-DEC-2006 18:21:37	Bright	30.500	149	45Eps Per	2.8880	30000.	61	24902	No
223	GOM_NL__2PRFIN20061204_182510_000000412053_00299_24902_1550.N1	04-DEC-2006 18:25:10	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	24902	No
224	GOM_NL__2PRFIN20061204_184136_000000372053_00299_24902_1551.N1	04-DEC-2006 18:41:36	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	24902	No
225	GOM_NL__2PRFIN20061204_184502_000000402053_00299_24902_1552.N1	04-DEC-2006 18:45:02	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	24902	No
226	GOM_NL__2PRFIN20061204_184712_000000322053_00299_24902_1553.N1	04-DEC-2006 18:47:12	Bright	31.500	39	85Eta UMa	1.8540	24000.	63	24902	No
227	GOM_NL__2PRFIN20061204_185043_000000332053_00299_24902_1554.N1	04-DEC-2006 18:50:43	Bright	33.000	152	12Alp2CVn	2.8900	11000.	66	24902	No
228	GOM_NL__2PRFIN20061204_185933_000000362053_00299_24902_1555.N1	04-DEC-2006 18:59:33	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	24902	No
229	GOM_NL__2PRFIN20061204_190405_000000402053_00299_24902_1556.N1	04-DEC-2006 19:04:05	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	24902	No
230	GOM_NL__2PRFIN20061204_190956_000000412053_00299_24902_1557.N1	04-DEC-2006 19:09:56	Dark	41.000	100	4Gam Crv	2.5800	13100.	82	24902	No
231	GOM_NL__2PRFIN20061204_191132_000000422053_00299_24902_1558.N1	04-DEC-2006 19:11:32	Dark	41.500	171	2Eps Crv	3.0010	4250.0	83	24902	No
232	GOM_NL__2PRFIN20061204_192057_000000392053_00300_24903_1538.N1	04-DEC-2006 19:20:57	Dark	38.500	113	Mu Vel	2.6920	5000.0	77	24903	No
233	GOM_NL__2PRFIN20061204_192938_000000512053_00300_24903_1539.N1	04-DEC-2006 19:29:38	Dark	51.000	34	Gam2Vel	1.7930	23000.	102	24903	No
234	GOM_NL__2PRFIN20061204_193241_000000512053_00300_24903_1540.N1	04-DEC-2006 19:32:41	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	24903	No
235	GOM_NL__2PRFIN20061204_193450_000000632053_00300_24903_1541.N1	04-DEC-2006 19:34:50	Dark	62.500	117	Pi Pup	2.7060	3800.0	125	24903	No
236	GOM_NL__2PRFIN20061204_193901_000000382053_00300_24903_1542.N1	04-DEC-2006 19:39:01	Dark	37.500	108	Alp Col	2.6520	15200.	75	24903	No
237	GOM_NL__2PRFIN20061204_194432_000000442053_00300_24903_1543.N1	04-DEC-2006 19:44:32	Straylight	43.500	101	11Alp Lep	2.5820	7000.0	87	24903	No
238	GOM_NL__2PRFIN20061204_194759_000000562053_00300_24903_1544.N1	04-DEC-2006 19:47:59	Straylight	55.500	7	19Bet Ori	0.10000	14000.	111	24903	No
239	GOM_NL__2PRFIN20061204_195545_000000482053_00300_24903_1545.N1	04-DEC-2006 19:55:45	Bright	48.000	13	87Alp Tau	0.86700	3800.0	96	24903	No
240	GOM_NL__2PRFIN20061204_195731_000000302053_00300_24903_1546.N1	04-DEC-2006 19:57:31	Dark	30.000	146	25Eta Tau	2.8730	15200.	60	24903	Yes
241	GOM_NL__2PRFIN20061204_195949_000000312053_00300_24903_1547.N1	04-DEC-2006 19:59:49	Bright	30.500	150	44Zet Per	2.8900	28000.	61	24903	No
242	GOM_NL__2PRFIN20061204_200213_000000312053_00300_24903_1548.N1	04-DEC-2006 20:02:13	Bright	30.500	149	45Eps Per	2.8880	30000.	61	24903	No
243	GOM_NL__2PRFIN20061204_200545_000000382053_00300_24903_1549.N1	04-DEC-2006 20:05:45	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	24903	No
244	GOM_NL__2PRFIN20061204_202211_000000412053_00300_24903_1550.N1	04-DEC-2006 20:22:11	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	24903	No
245	GOM_NL__2PRFIN20061204_202346_000000412053_00300_24903_1551.N1	04-DEC-2006 20:23:46	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	24903	No
246	GOM_NL__2PRFIN20061204_202537_000000352053_00300_24903_1552.N1	04-DEC-2006 20:25:37	Bright	34.500	32	77Eps UMa	1.7630	11000.	69	24903	No
247	GOM_NL__2PRFIN20061204_202748_000000302053_00300_24903_1553.N1	04-DEC-2006 20:27:48	Bright	30.000	39	85Eta UMa	1.8540	24000.	60	24903	No
248	GOM_NL__2PRFIN20061204_203119_000000482053_00300_24903_1554.N1	04-DEC-2006 20:31:19	Bright	47.500	152	12Alp2CVn	2.8900	11000.	95	24903	No
249	GOM_NL__2PRFIN20061204_204009_000000362053_00300_24903_1555.N1	04-DEC-2006 20:40:09	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	24903	No
250	GOM_NL__2PRFIN20061204_204441_000000442053_00300_24903_1556.N1	04-DEC-2006 20:44:41	Bright	44.000	121	29Gam Vir	2.7400	7200.0	88	24903	No
251	GOM_NL__2PRFIN20061204_205033_000000402053_00300_24903_1557.N1	04-DEC-2006 20:50:33	Dark	40.000	100	4Gam Crv	2.5800	13100.	80	24903	No
252	GOM_NL__2PRFIN20061204_205209_000000432053_00300_24903_1558.N1	04-DEC-2006 20:52:09	Dark	43.000	171	2Eps Crv	3.0010	4250.0	86	24903	No
253	GOM_NL__2PRFIN20061204_210134_000000402053_00301_24904_1537.N1	04-DEC-2006 21:01:34	Dark	39.500	113	Mu Vel	2.6920	5000.0	79	24904	No
254	GOM_NL__2PRFIN20061204_211015_000000432053_00301_24904_1538.N1	04-DEC-2006 21:10:15	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	24904	No
255	GOM_NL__2PRFIN20061204_211317_000000512053_00301_24904_1539.N1	04-DEC-2006 21:13:17	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	24904	No
256	GOM_NL__2PRFIN20061204_211527_000000512053_00301_24904_1540.N1	04-DEC-2006 21:15:27	Dark	50.500	117	Pi Pup	2.7060	3800.0	101	24904	No
257	GOM_NL__2PRFIN20061204_211938_000000382053_00301_24904_1541.N1	04-DEC-2006 21:19:38	Dark	37.500	108	Alp Col	2.6520	15200.	75	24904	No
258	GOM_NL__2PRFIN20061204_212508_000000442053_00301_24904_1542.N1	04-DEC-2006 21:25:08	Straylight	44.000	101	11Alp Lep	2.5820	7000.0	88	24904	No
259	GOM_NL__2PRFIN20061204_212834_000000532053_00301_24904_1543.N1	04-DEC-2006 21:28:34	Straylight	53.000	7	19Bet Ori	0.10000	14000.	106	24904	No
260	GOM_NL__2PRFIN20061204_213621_000000532053_00301_24904_1544.N1	04-DEC-2006 21:36:21	Bright	53.000	13	87Alp Tau	0.86700	3800.0	106	24904	No
261	GOM_NL__2PRFIN20061204_214025_000000312053_00301_24904_1545.N1	04-DEC-2006 21:40:25	Bright	30.500	150	44Zet Per	2.8900	28000.	61	24904	No
262	GOM_NL__2PRFIN20061204_214249_000000302053_00301_24904_1546.N1	04-DEC-2006 21:42:49	Bright	29.500	149	45Eps Per	2.8880	30000.	59	24904	No
263	GOM_NL__2PRFIN20061204_214621_000000382053_00301_24904_1547.N1	04-DEC-2006 21:46:21	Bright	37.500	6	13Alp Aur	0.080000	3400.0	75	24904	No
264	GOM_NL__2PRFIN20061204_220247_000000412053_00301_24904_1548.N1	04-DEC-2006 22:02:47	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	24904	No
265	GOM_NL__2PRFIN20061204_220422_000000412053_00301_24904_1549.N1	04-DEC-2006 22:04:22	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	24904	No
266	GOM_NL__2PRFIN20061204_220613_000000352053_00301_24904_1550.N1	04-DEC-2006 22:06:13	Bright	35.000	32	77Eps UMa	1.7630	11000.	70	24904	No
267	GOM_NL__2PRFIN20061204_220824_000000342053_00301_24904_1551.N1	04-DEC-2006 22:08:24	Bright	33.500	39	85Eta UMa	1.8540	24000.	67	24904	No
268	GOM_NL__2PRFIN20061204_221155_000000342053_00301_24904_1552.N1	04-DEC-2006 22:11:55	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	24904	No
269	GOM_NL__2PRFIN20061204_222045_000000552053_00301_24904_1553.N1	04-DEC-2006 22:20:45	Bright	55.000	138	47Eps Vir	2.8280	4700.0	110	24904	No
270	GOM_NL__2PRFIN20061204_222518_000000392053_00301_24904_1554.N1	04-DEC-2006 22:25:18	Bright	39.000	121	29Gam Vir	2.7400	7200.0	78	24904	No
271	GOM_NL__2PRFIN20061204_223110_000000432053_00301_24904_1555.N1	04-DEC-2006 22:31:10	Dark	43.000	100	4Gam Crv	2.5800	13100.	86	24904	No
272	GOM_NL__2PRFIN20061204_223246_000000432053_00301_24904_1556.N1	04-DEC-2006 22:32:46	Dark	43.000	171	2Eps Crv	3.0010	4250.0	86	24904	No
273	GOM_NL__2PRFIN20061204_224210_000000392053_00302_24905_1536.N1	04-DEC-2006 22:42:10	Dark	39.000	113	Mu Vel	2.6920	5000.0	78	24905	No
274	GOM_NL__2PRFIN20061204_225052_000000412053_00302_24905_1537.N1	04-DEC-2006 22:50:52	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	24905	No
275	GOM_NL__2PRFIN20061204_225353_000000442053_00302_24905_1538.N1	04-DEC-2006 22:53:53	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	24905	No
276	GOM_NL__2PRFIN20061204_225603_000000512053_00302_24905_1539.N1	04-DEC-2006 22:56:03	Dark	51.000	117	Pi Pup	2.7060	3800.0	102	24905	No
277	GOM_NL__2PRFIN20061204_230014_000000382053_00302_24905_1540.N1	04-DEC-2006 23:00:14	Dark	37.500	108	Alp Col	2.6520	15200.	75	24905	No
278	GOM_NL__2PRFIN20061204_230544_000000452053_00302_24905_1541.N1	04-DEC-2006 23:05:44	Straylight	44.500	101	11Alp Lep	2.5820	7000.0	89	24905	No

279	GOM_NL__2PRFIN20061204_230910_000000482053_00302_24905_1542.N1	04-DEC-2006 23:09:10	Straylight	48.000	7	19Bet Ori	0.10000	14000.	96	24905	No
280	GOM_NL__2PRFIN20061204_231656_000000512053_00302_24905_1543.N1	04-DEC-2006 23:16:56	Bright	50.500	13	87Alp Tau	0.86700	3800.0	101	24905	No
281	GOM_NL__2PRFIN20061204_232100_000000322053_00302_24905_1544.N1	04-DEC-2006 23:21:00	Bright	31.500	150	44Zet Per	2.8900	28000.	63	24905	No
282	GOM_NL__2PRFIN20061204_232324_000000302053_00302_24905_1545.N1	04-DEC-2006 23:23:24	Bright	30.000	149	45Eps Per	2.8880	30000.	60	24905	No
283	GOM_NL__2PRFIN20061204_232656_000000392053_00302_24905_1546.N1	04-DEC-2006 23:26:56	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	24905	No
284	GOM_NL__2PRFIN20061204_234322_000000422053_00302_24905_1547.N1	04-DEC-2006 23:43:22	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	24905	No
285	GOM_NL__2PRFIN20061204_234457_000000402053_00302_24905_1548.N1	04-DEC-2006 23:44:57	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	24905	No
286	GOM_NL__2PRFIN20061204_234649_000000342053_00302_24905_1549.N1	04-DEC-2006 23:46:49	Bright	33.500	32	77Eps UMa	1.7630	11000.	67	24905	No
287	GOM_NL__2PRFIN20061204_234900_000000322053_00302_24905_1550.N1	04-DEC-2006 23:49:00	Bright	32.000	39	85Eta UMa	1.8540	24000.	64	24905	No
288	GOM_NL__2PRFIN20061204_235231_000000352053_00302_24905_1551.N1	04-DEC-2006 23:52:31	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	24905	No

3. Quality information per product

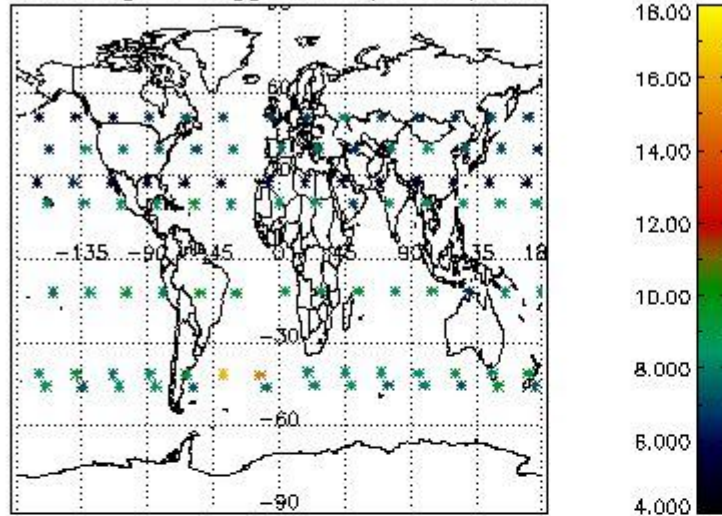
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

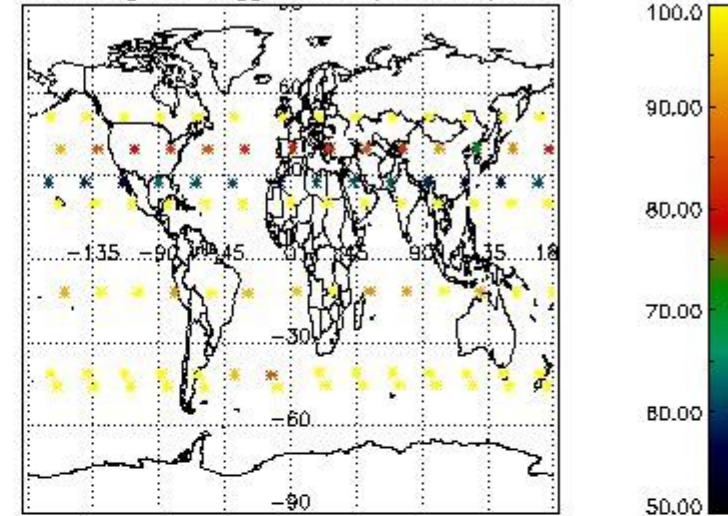


3.2 Plot quality information per product (world map)

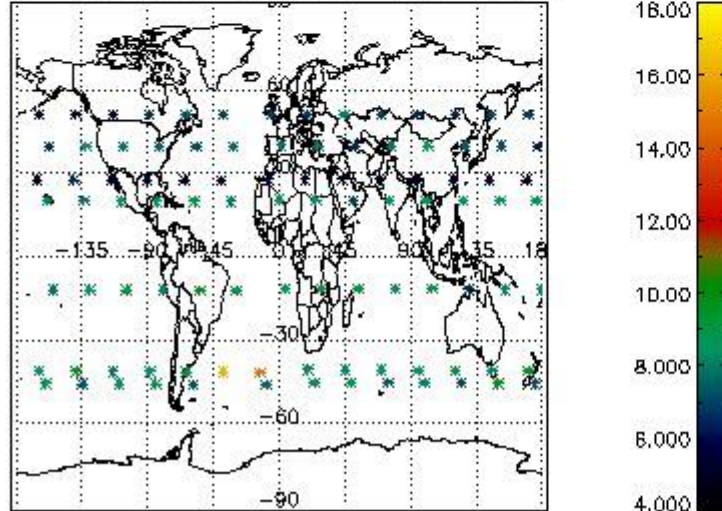
Percentage of flagged data per O3 profile



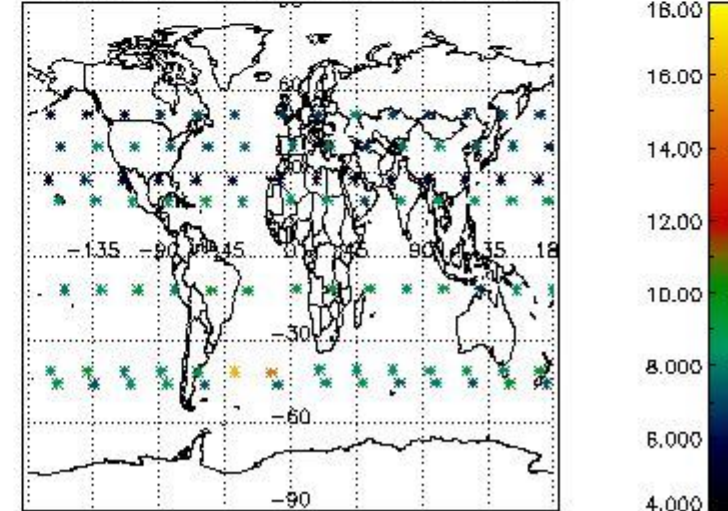
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

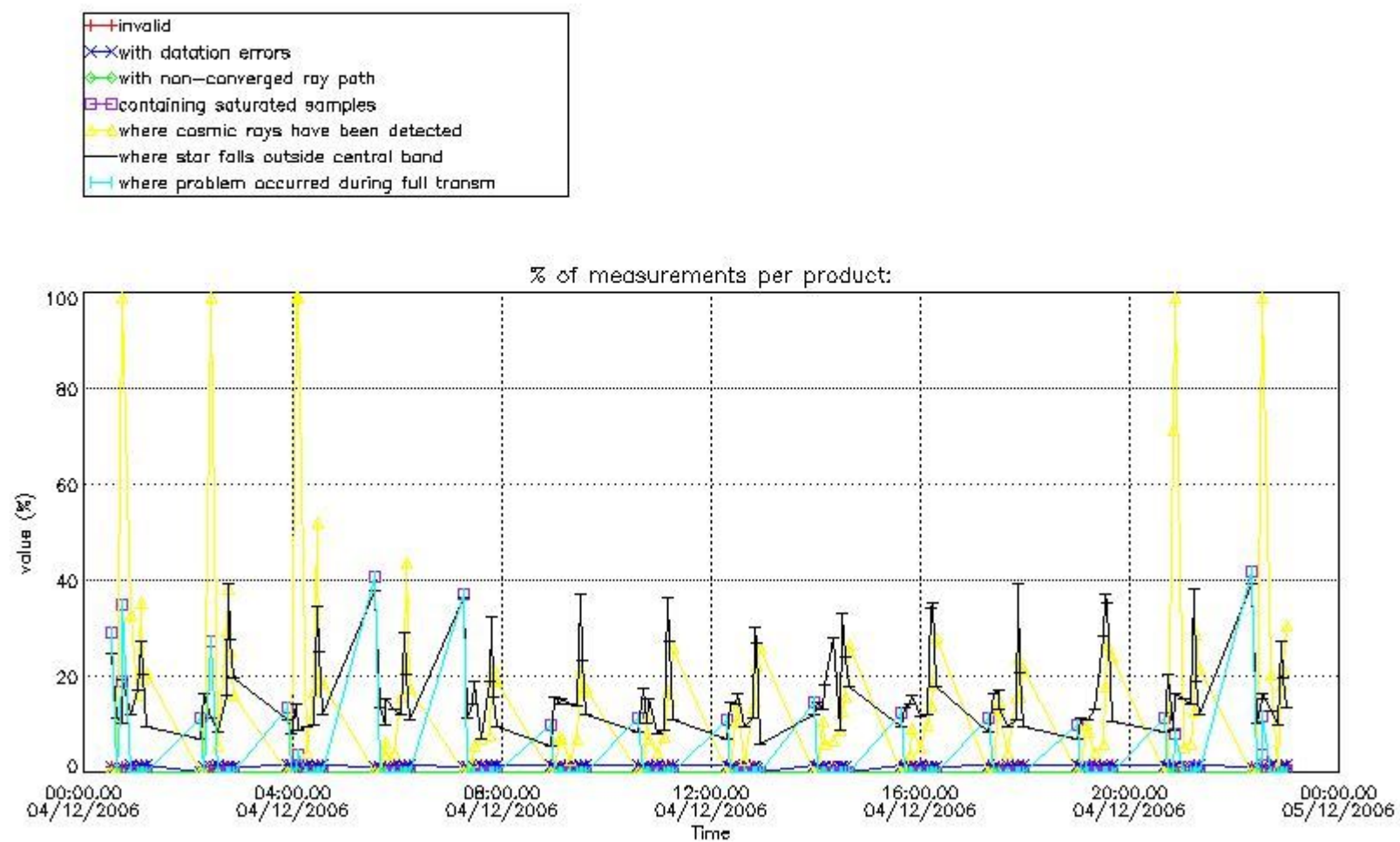


4. Level 1 quality information per product

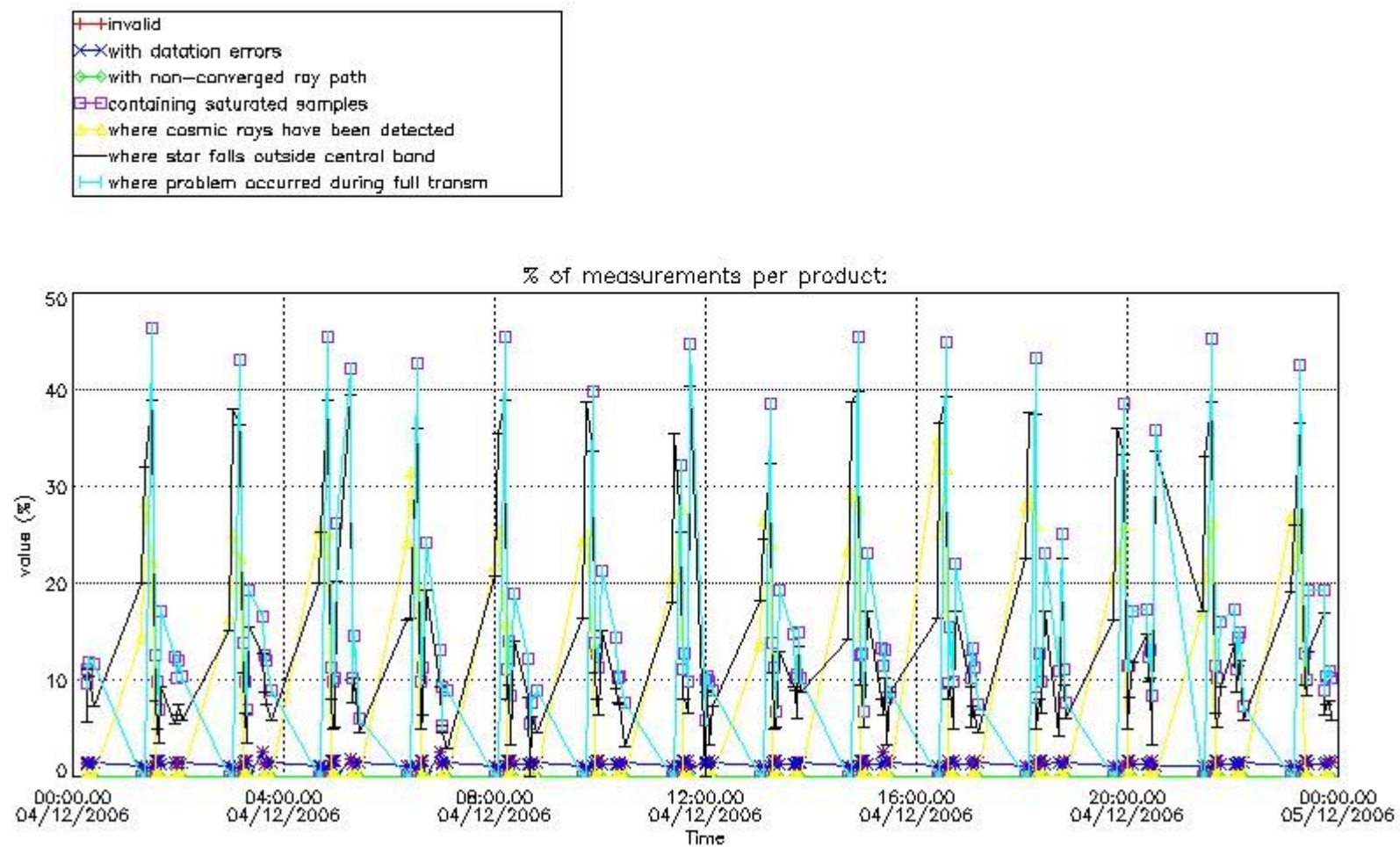
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

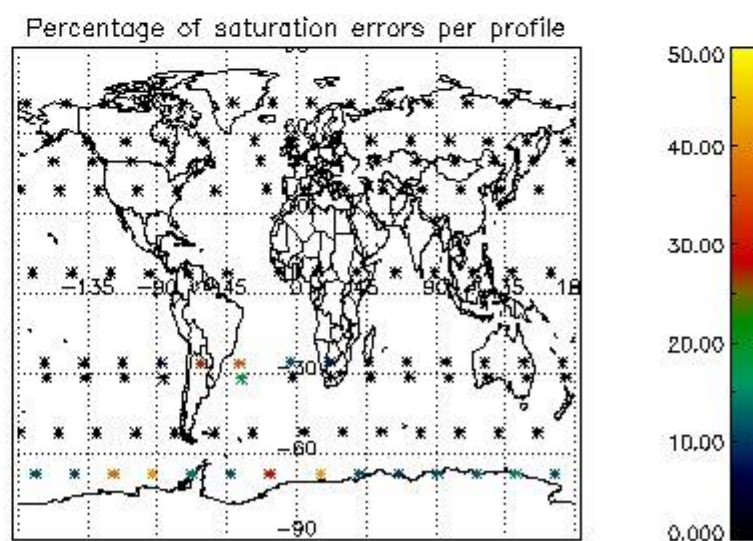
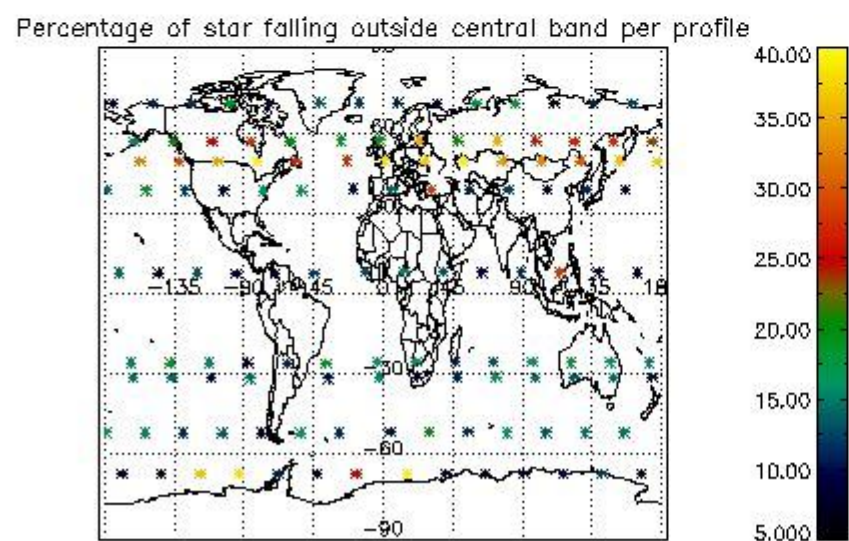
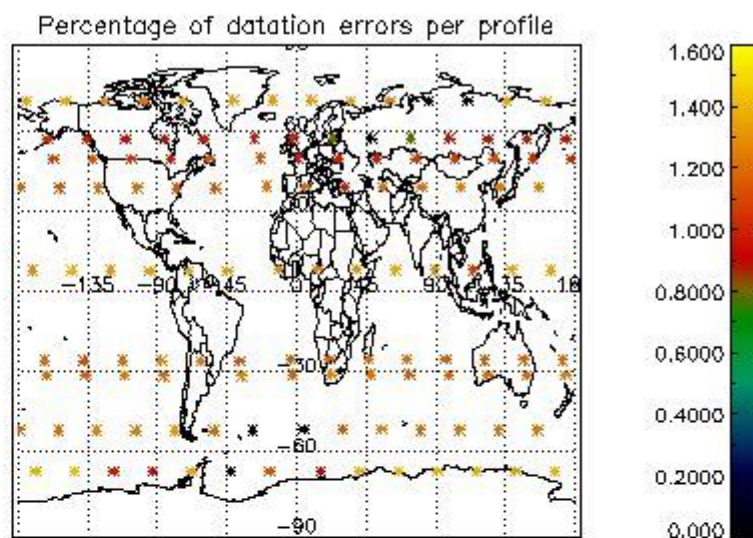
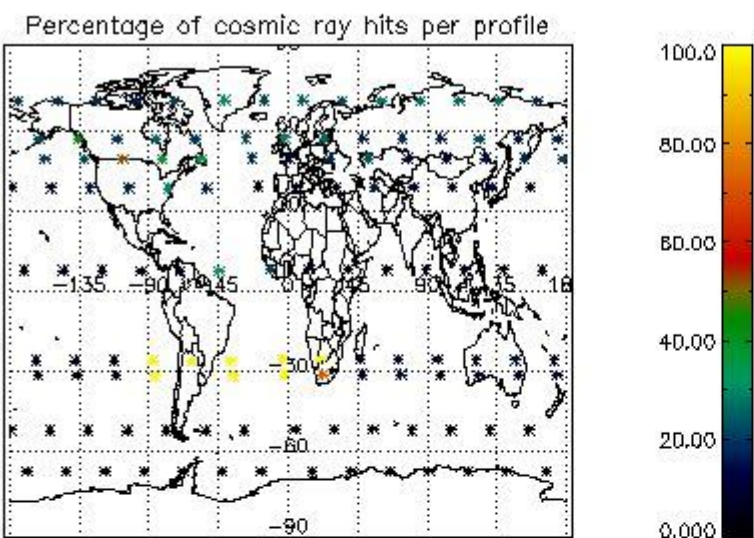


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

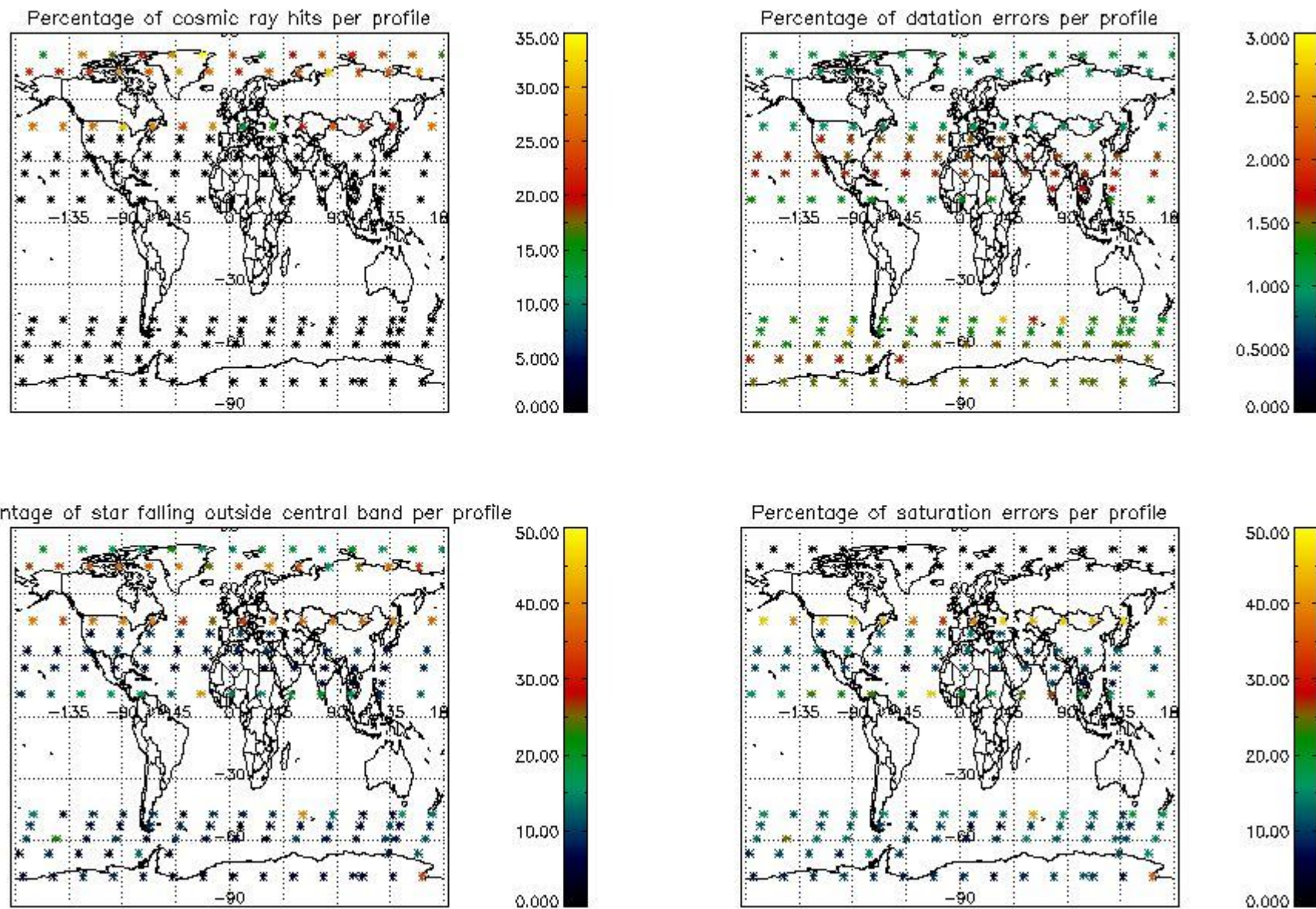


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

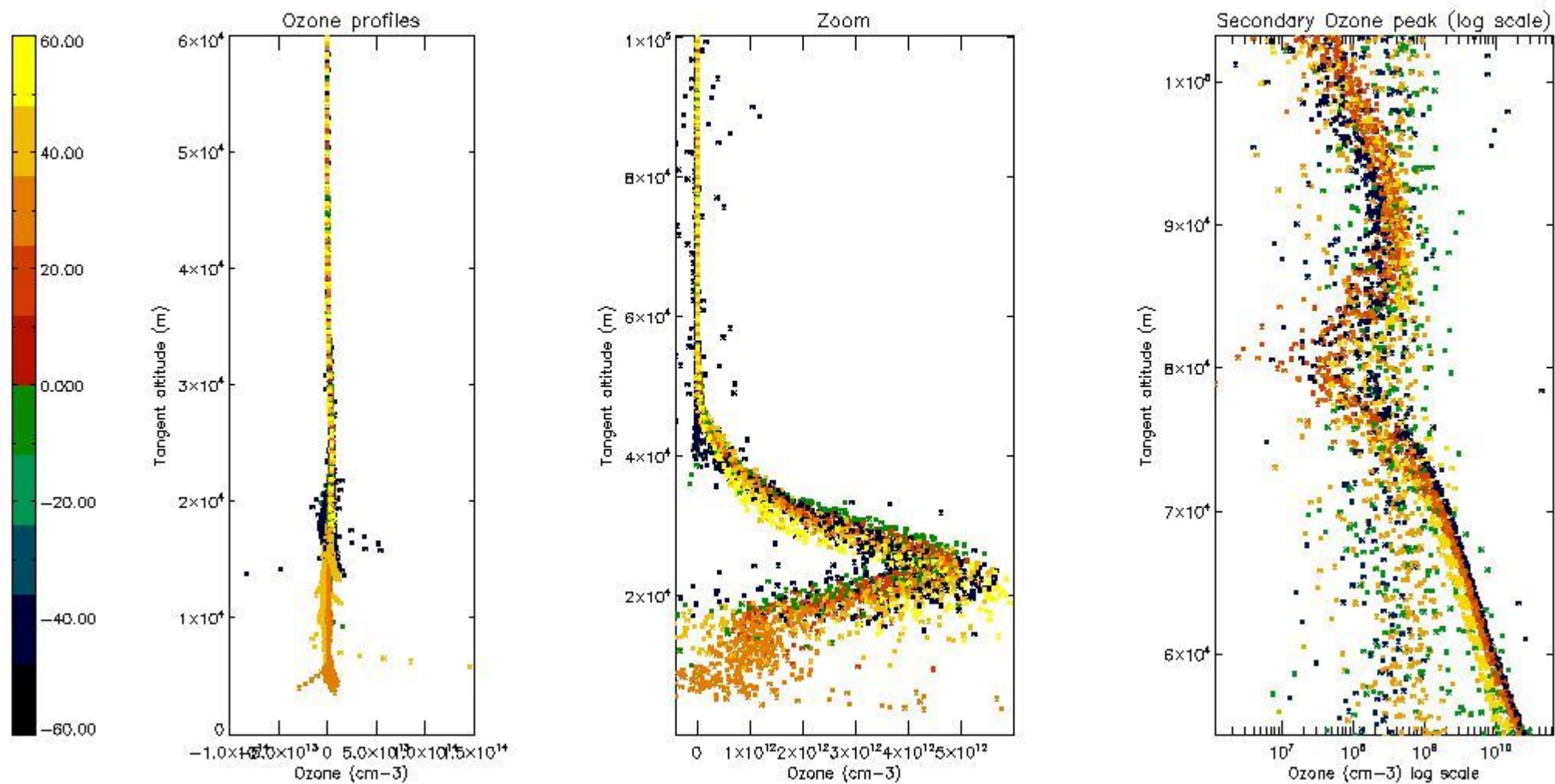
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	20

STD < 10	15
STD < 5	10

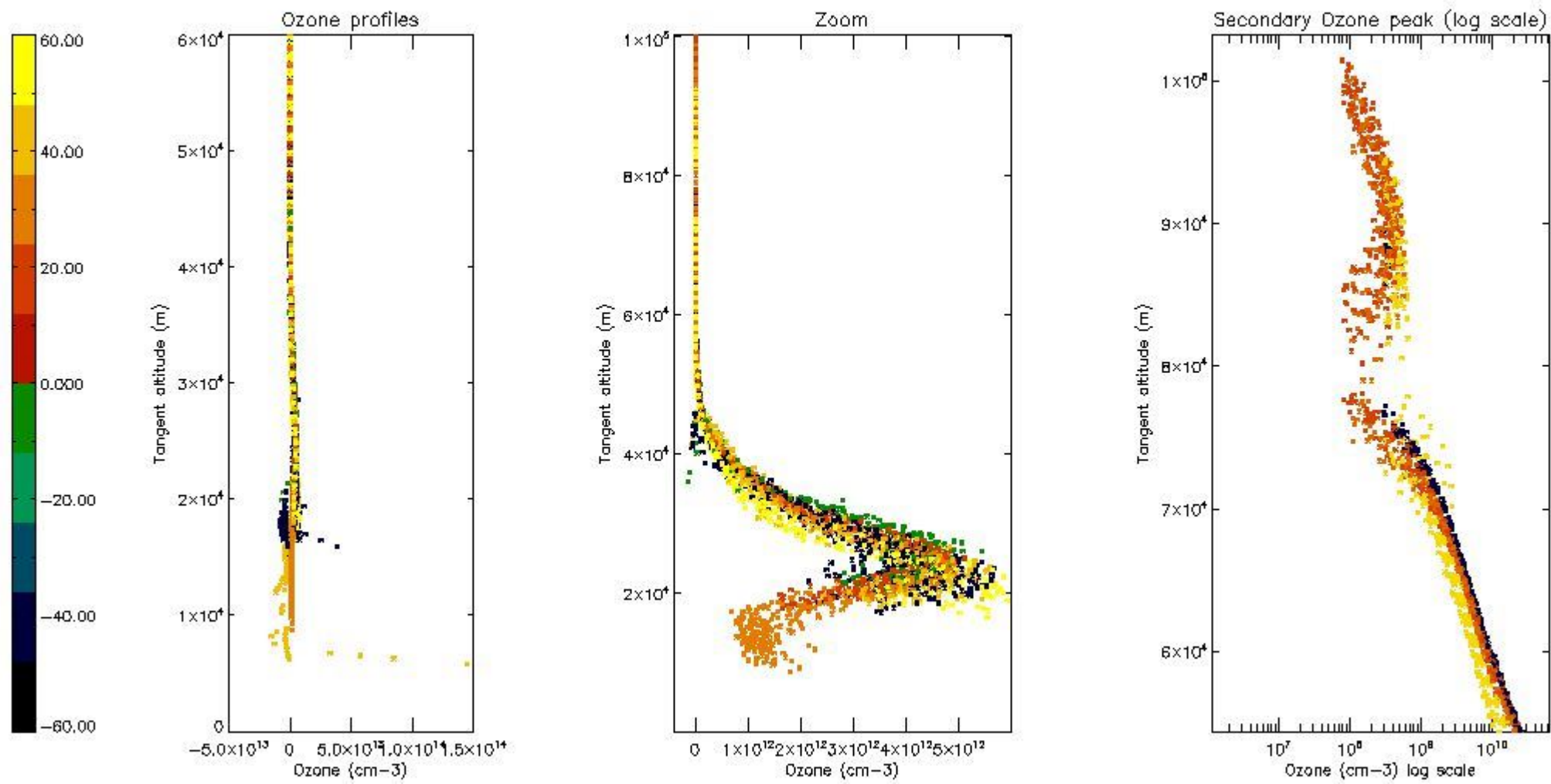
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



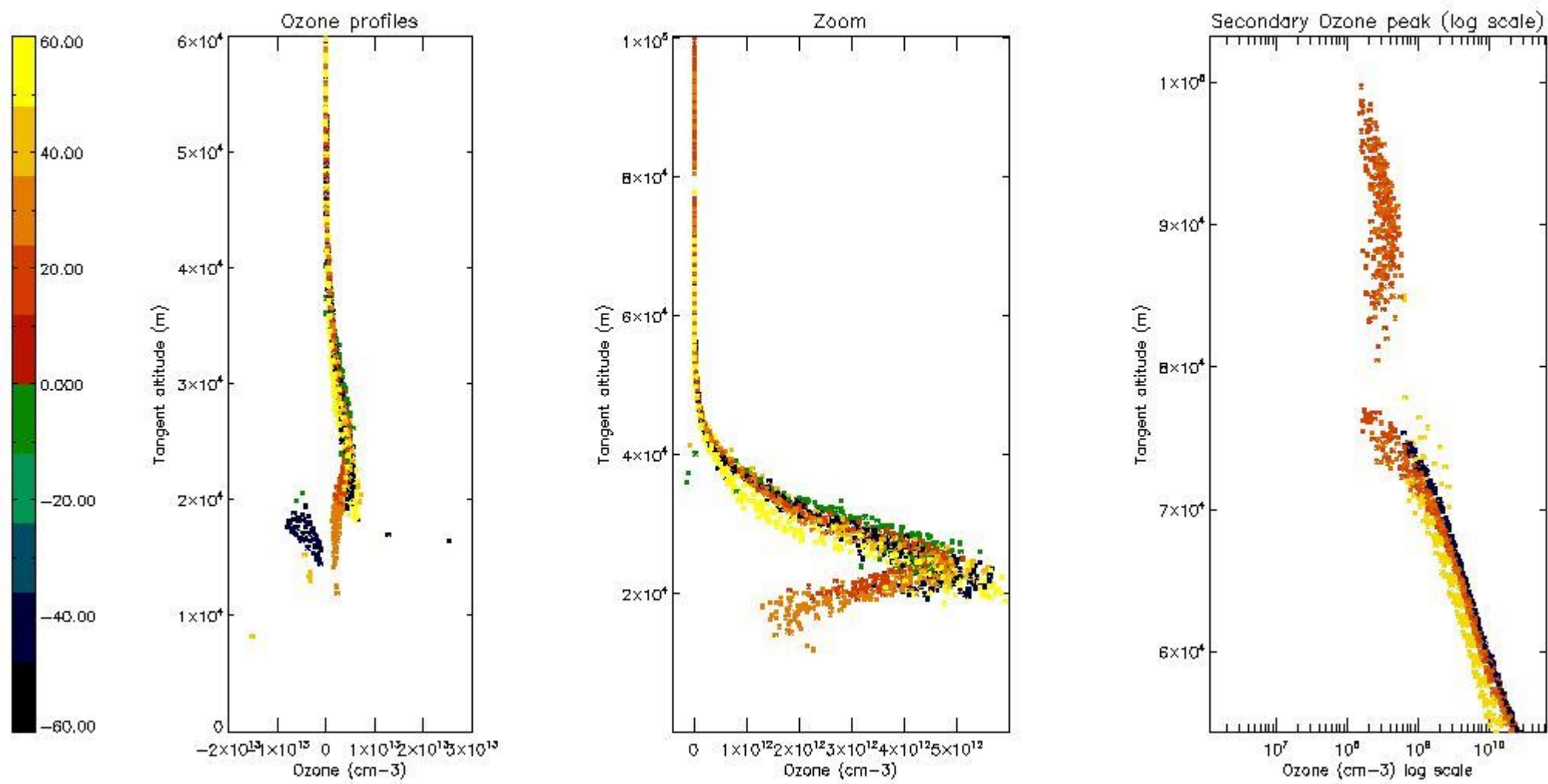
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



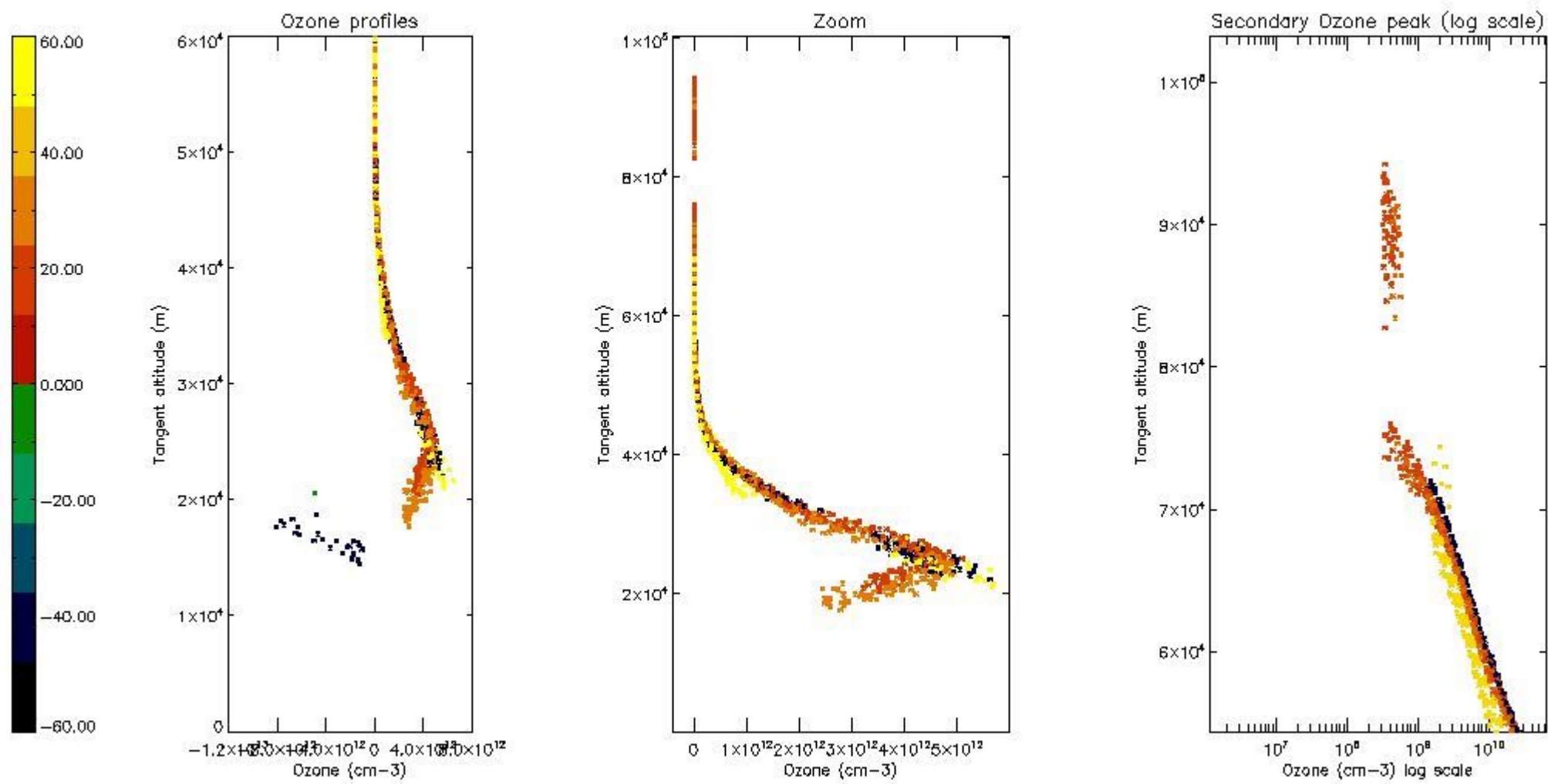
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



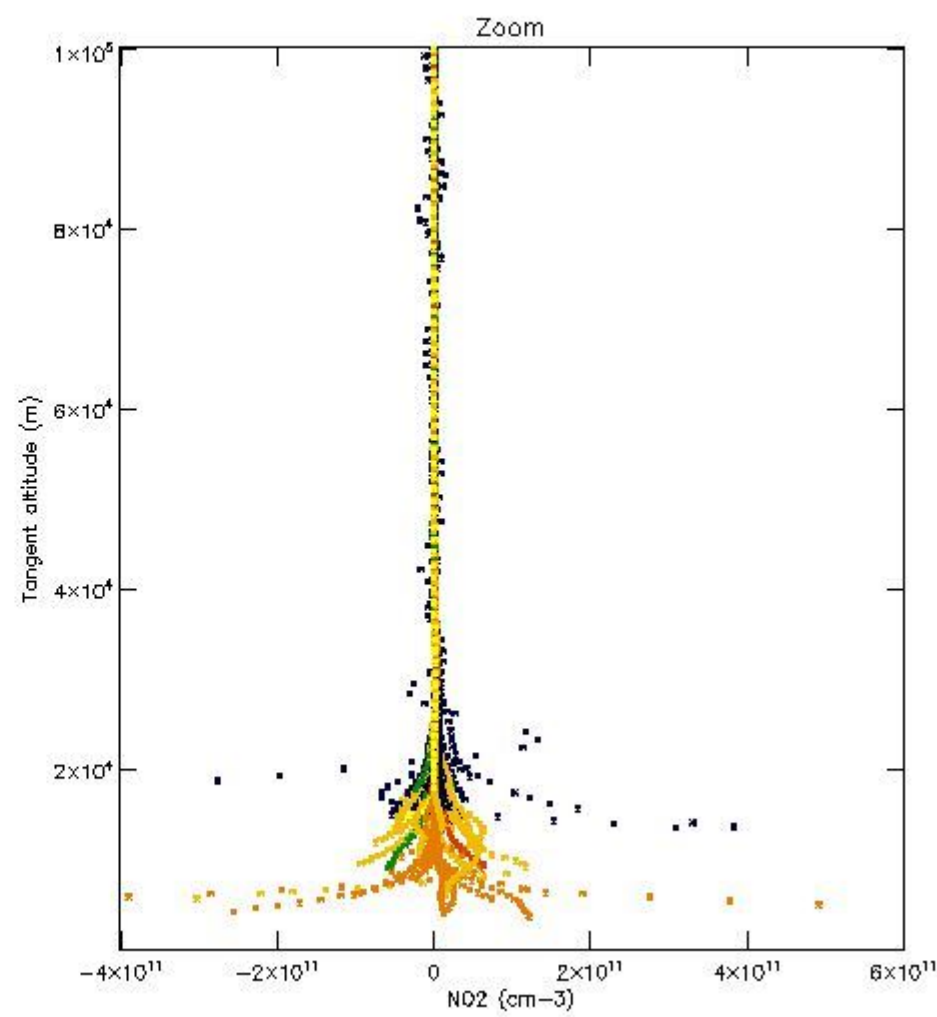
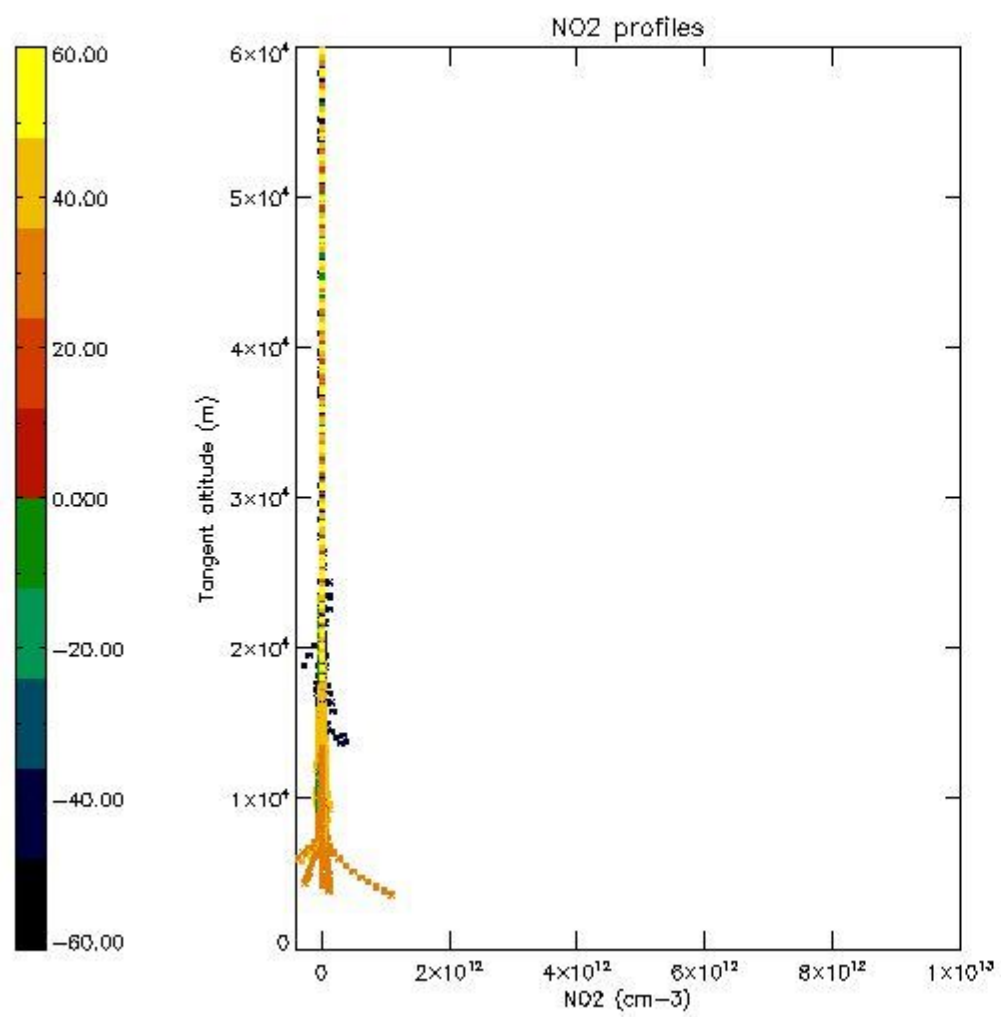
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



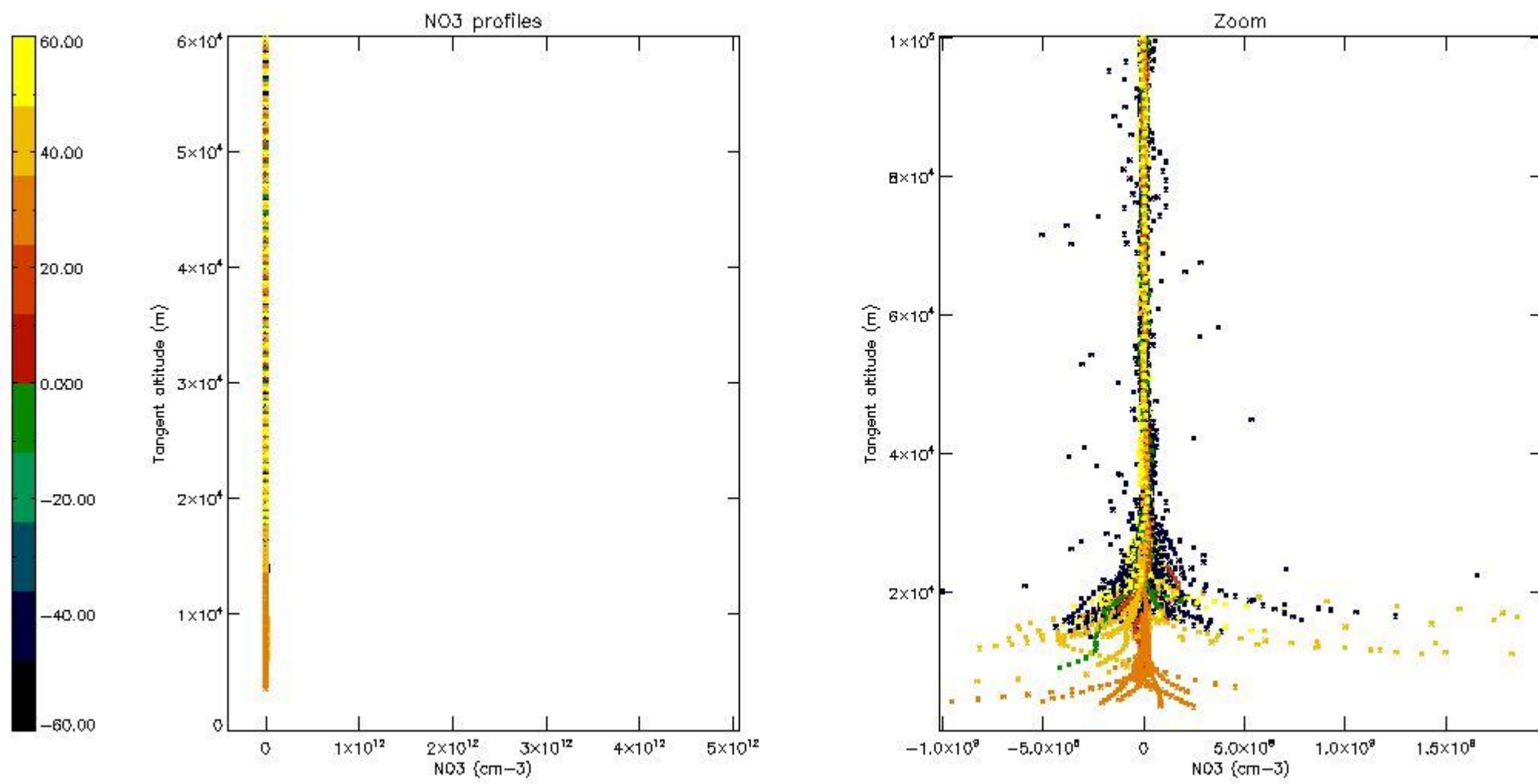
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



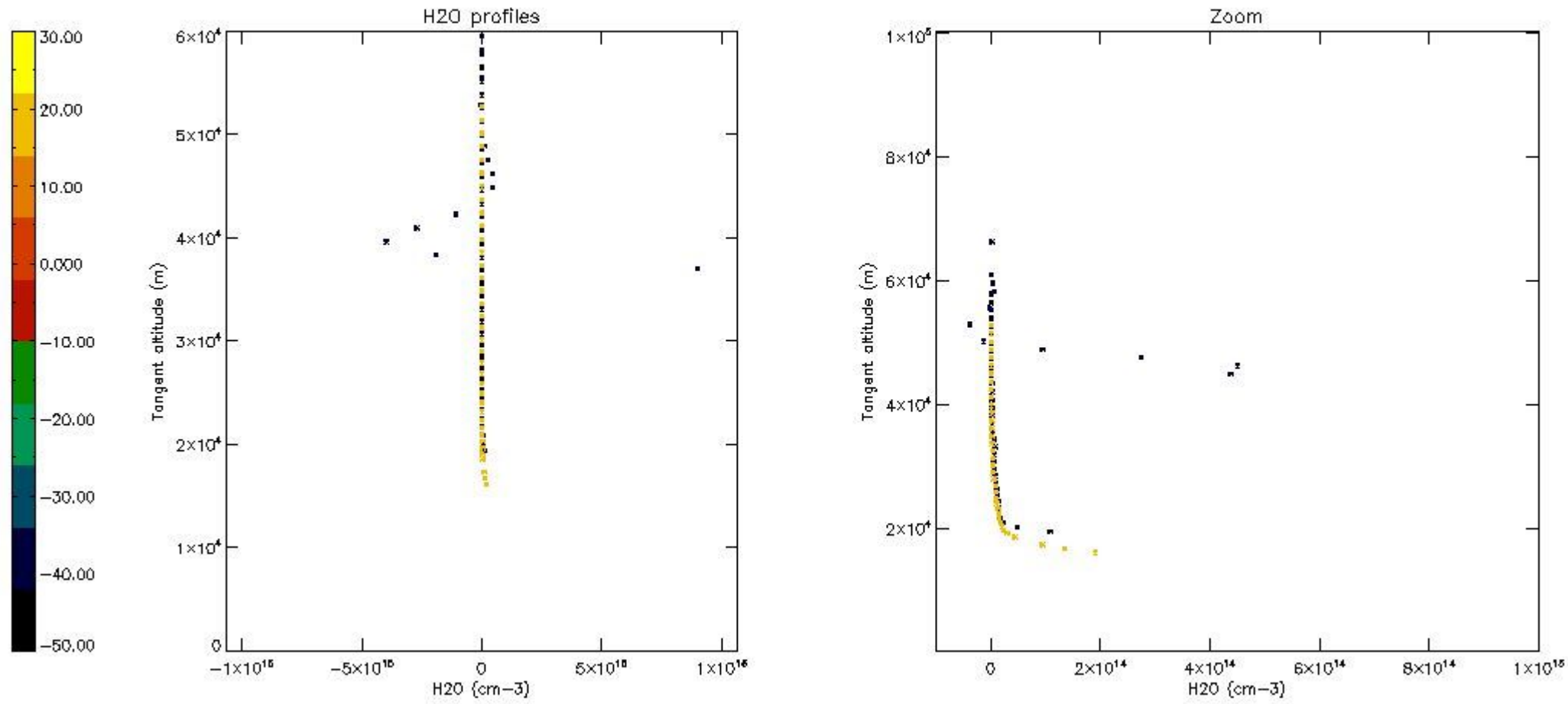
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	04-DEC-2006 00:15:05
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-DEC-2006 00:15:05
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-DEC-2006 00:15:05

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	24APR2013 06:17:00
Data source version	GOMOS/6.01
Start time of products	04-12-2006 (04DEC2006 00:00:00)
Stop time of products	05-12-2006 (05DEC2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	288
Nb of prods with errors	2

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__2PRFIN20061204_001505_000000362053_00288_24891_1581.N1	04-DEC-2006 00:15:05	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	24891	No
2	GOM_NL__2PRFIN20061204_001640_000000412053_00288_24891_1582.N1	04-DEC-2006 00:16:40	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	24891	No
3	GOM_NL__2PRFIN20061204_001828_000000342053_00288_24891_1583.N1	04-DEC-2006 00:18:28	Bright	34.000	32	77Eps UMa	1.7630	11000.	68	24891	No
4	GOM_NL__2PRFIN20061204_002407_000000352053_00288_24891_1584.N1	04-DEC-2006 00:24:07	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	24891	No
5	GOM_NL__2PRFIN20061204_003253_000000452053_00288_24891_1585.N1	04-DEC-2006 00:32:53	Bright	44.500	138	47Eps Vir	2.8280	4700.0	89	24891	No
6	GOM_NL__2PRFIN20061204_003722_000000402053_00288_24891_1586.N1	04-DEC-2006 00:37:22	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	24891	No
7	GOM_NL__2PRFIN20061204_004311_000000402053_00288_24891_1587.N1	04-DEC-2006 00:43:11	Dark	39.500	100	4Gam Crv	2.5800	13100.	79	24891	No
8	GOM_NL__2PRFIN20061204_004447_000000452053_00288_24891_1588.N1	04-DEC-2006 00:44:47	Dark	44.500	171	2Eps Crv	3.0010	4250.0	89	24891	No
9	GOM_NL__2PRFIN20061204_005413_000000382053_00289_24892_1509.N1	04-DEC-2006 00:54:13	Dark	38.000	113	Mu Vel	2.6920	5000.0	76	24892	No
10	GOM_NL__2PRFIN20061204_010254_000000442053_00289_24892_1510.N1	04-DEC-2006 01:02:54	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	24892	No
11	GOM_NL__2PRFIN20061204_010600_000000442053_00289_24892_1511.N1	04-DEC-2006 01:06:00	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	24892	No
12	GOM_NL__2PRFIN20061204_010806_000000522053_00289_24892_1512.N1	04-DEC-2006 01:08:06	Dark	52.000	117	Pi Pup	2.7060	3800.0	104	24892	No
13	GOM_NL__2PRFIN20061204_011222_000000372053_00289_24892_1513.N1	04-DEC-2006 01:12:22	Dark	36.500	108	Alp Col	2.6520	15200.	73	24892	No
14	GOM_NL__2PRFIN20061204_011755_000000452053_00289_24892_1514.N1	04-DEC-2006 01:17:55	Straylight	45.000	101	11Alp Lep	2.5820	7000.0	90	24892	No
15	GOM_NL__2PRFIN20061204_012124_000000532053_00289_24892_1515.N1	04-DEC-2006 01:21:24	Straylight	53.000	7	19Bet Ori	0.10000	14000.	106	24892	No
16	GOM_NL__2PRFIN20061204_012913_000000542053_00289_24892_1516.N1	04-DEC-2006 01:29:13	Bright	54.000	13	87Alp Tau	0.86700	3800.0	108	24892	No
17	GOM_NL__2PRFIN20061204_013316_000000322053_00289_24892_1517.N1	04-DEC-2006 01:33:16	Bright	32.000	150	44Zet Per	2.8900	28000.	64	24892	No
18	GOM_NL__2PRFIN20061204_013540_000000312053_00289_24892_1518.N1	04-DEC-2006 01:35:40	Bright	30.500	149	45Eps Per	2.8880	30000.	61	24892	No
19	GOM_NL__2PRFIN20061204_013743_000000292053_00289_24892_1519.N1	04-DEC-2006 01:37:43	Bright	29.000	175	39Del Per	3.0100	19400.	58	24892	No
20	GOM_NL__2PRFIN20061204_013917_000000382053_00289_24892_1520.N1	04-DEC-2006 01:39:17	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	24892	No
21	GOM_NL__2PRFIN20061204_015540_000000372053_00289_24892_1521.N1	04-DEC-2006 01:55:40	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	24892	No
22	GOM_NL__2PRFIN20061204_015715_000000392053_00289_24892_1522.N1	04-DEC-2006 01:57:15	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	24892	No
23	GOM_NL__2PRFIN20061204_015903_000000342053_00289_24892_1523.N1	04-DEC-2006 01:59:03	Bright	33.500	32	77Eps UMa	1.7630	11000.	67	24892	No
24	GOM_NL__2PRFIN20061204_020443_000000342053_00289_24892_1524.N1	04-DEC-2006 02:04:43	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	24892	No
25	GOM_NL__2PRFIN20061204_021329_000000362053_00289_24892_1525.N1	04-DEC-2006 02:13:29	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	24892	No
26	GOM_NL__2PRFIN20061204_021758_000000432053_00289_24892_1526.N1	04-DEC-2006 02:17:58	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	24892	No
27	GOM_NL__2PRFIN20061204_022524_000000412053_00289_24892_1527.N1	04-DEC-2006 02:25:24	Dark	40.500	171	2Eps Crv	3.0010	4250.0	81	24892	No
28	GOM_NL__2PRFIN20061204_023449_000000372053_00290_24893_1508.N1	04-DEC-2006 02:34:49	Dark	36.500	113	Mu Vel	2.6920	5000.0	73	24893	No
29	GOM_NL__2PRFIN20061204_024330_000000442053_00290_24893_1509.N1	04-DEC-2006 02:43:30	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	24893	No
30	GOM_NL__2PRFIN20061204_024637_000000512053_00290_24893_1510.N1	04-DEC-2006 02:46:37	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	24893	No
31	GOM_NL__2PRFIN20061204_024843_000000562053_00290_24893_1511.N1	04-DEC-2006 02:48:43	Dark	56.000	117	Pi Pup	2.7060	3800.0	112	24893	No
32	GOM_NL__2PRFIN20061204_025258_000000412053_00290_24893_1512.N1	04-DEC-2006 02:52:58	Dark	41.000	108	Alp Col	2.6520	15200.	82	24893	No
33	GOM_NL__2PRFIN20061204_025831_000000432053_00290_24893_1513.N1	04-DEC-2006 02:58:31	Straylight	43.000	101	11Alp Lep	2.5820	7000.0	86	24893	No
34	GOM_NL__2PRFIN20061204_030200_000000582053_00290_24893_1514.N1	04-DEC-2006 03:02:00	Straylight	58.000	7	19Bet Ori	0.10000	14000.	116	24893	No
35	GOM_NL__2PRFIN20061204_030949_000000512053_00290_24893_1515.N1	04-DEC-2006 03:09:49	Bright	51.000	13	87Alp Tau	0.86700	3800.0	102	24893	No
36	GOM_NL__2PRFIN20061204_031351_000000332053_00290_24893_1516.N1	04-DEC-2006 03:13:51	Bright	32.500	150	44Zet Per	2.8900	28000.	65	24893	No
37	GOM_NL__2PRFIN20061204_031616_000000312053_00290_24893_1517.N1	04-DEC-2006 03:16:16	Bright	30.500	149	45Eps Per	2.8880	30000.	61	24893	No
38	GOM_NL__2PRFIN20061204_031819_000000292053_00290_24893_1518.N1	04-DEC-2006 03:18:19	Bright	29.000	175	39Del Per	3.0100	19400.	58	24893	No
39	GOM_NL__2PRFIN20061204_031952_000000392053_00290_24893_1519.N1	04-DEC-2006 03:19:52	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	24893	No
40	GOM_NL__2PRFIN20061204_033616_000000402053_00290_24893_1520.N1	04-DEC-2006 03:36:16	Bright	39.500	36	50Alp UMa	1.8000	6300.0	79	24893	No
41	GOM_NL__2PRFIN20061204_033751_000000402053_00290_24893_1521.N1	04-DEC-2006 03:37:51	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	24893	No
42	GOM_NL__2PRFIN20061204_033939_000000342053_00290_24893_1522.N1	04-DEC-2006 03:39:39	Bright	33.500	32	77Eps UMa	1.7630	11000.	67	24893	No

43	GOM_NL__2PRFIN20061204_034519_000000342053_00290_24893_1523.N1	04-DEC-2006 03:45:19	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	24893	No
44	GOM_NL__2PRFIN20061204_035406_000000372053_00290_24893_1524.N1	04-DEC-2006 03:54:06	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	24893	No
45	GOM_NL__2PRFIN20061204_035835_000000382053_00290_24893_1525.N1	04-DEC-2006 03:58:35	Bright	38.000	121	29Gam Vir	2.7400	7200.0	76	24893	No
46	GOM_NL__2PRFIN20061204_040425_000000422053_00290_24893_1526.N1	04-DEC-2006 04:04:25	Dark	42.000	100	4Gam Crv	2.5800	13100.	84	24893	No
47	GOM_NL__2PRFIN20061204_040601_000000402053_00290_24893_1527.N1	04-DEC-2006 04:06:01	Dark	39.500	171	2Eps Crv	3.0010	4250.0	79	24893	No
48	GOM_NL__2PRFIN20061204_041526_000000382053_00291_24894_1507.N1	04-DEC-2006 04:15:26	Dark	37.500	113	Mu Vel	2.6920	5000.0	75	24894	No
49	GOM_NL__2PRFIN20061204_042407_000000422053_00291_24894_1508.N1	04-DEC-2006 04:24:07	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	24894	No
50	GOM_NL__2PRFIN20061204_042713_000000482053_00291_24894_1509.N1	04-DEC-2006 04:27:13	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	24894	No
51	GOM_NL__2PRFIN20061204_042920_000000542053_00291_24894_1510.N1	04-DEC-2006 04:29:20	Dark	54.000	117	Pi Pup	2.7060	3800.0	108	24894	No
52	GOM_NL__2PRFIN20061204_043334_000000382053_00291_24894_1511.N1	04-DEC-2006 04:33:34	Dark	38.000	108	Alp Col	2.6520	15200.	76	24894	No
53	GOM_NL__2PRFIN20061204_043908_000000452053_00291_24894_1512.N1	04-DEC-2006 04:39:08	Straylight	45.000	101	11Alp Lep	2.5820	7000.0	90	24894	No
54	GOM_NL__2PRFIN20061204_044236_000000482053_00291_24894_1513.N1	04-DEC-2006 04:42:36	Straylight	47.500	7	19Bet Ori	0.10000	14000.	95	24894	No
55	GOM_NL__2PRFIN20061204_045024_000000542053_00291_24894_1514.N1	04-DEC-2006 04:50:24	Bright	54.000	13	87Alp Tau	0.86700	3800.0	108	24894	No
56	GOM_NL__2PRFIN20061204_045427_000000312053_00291_24894_1515.N1	04-DEC-2006 04:54:27	Bright	31.000	150	44Zet Per	2.8900	28000.	62	24894	No
57	GOM_NL__2PRFIN20061204_045651_000000312053_00291_24894_1516.N1	04-DEC-2006 04:56:51	Bright	30.500	149	45Eps Per	2.8880	30000.	61	24894	No
58	GOM_NL__2PRFIN20061204_045855_000000302053_00291_24894_1517.N1	04-DEC-2006 04:58:55	Bright	29.500	175	39Del Per	3.0100	19400.	59	24894	No
59	GOM_NL__2PRFIN20061204_050027_000000422053_00291_24894_1518.N1	04-DEC-2006 05:00:27	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	24894	No
60	GOM_NL__2PRFIN20061204_051651_000000572053_00291_24894_1519.N1	04-DEC-2006 05:16:51	Bright	57.000	36	50Alp UMa	1.8000	6300.0	114	24894	No
61	GOM_NL__2PRFIN20061204_051827_000000402053_00291_24894_1520.N1	04-DEC-2006 05:18:27	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	24894	No
62	GOM_NL__2PRFIN20061204_052015_000000352053_00291_24894_1521.N1	04-DEC-2006 05:20:15	Bright	34.500	32	77Eps UMa	1.7630	11000.	69	24894	No
63	GOM_NL__2PRFIN20061204_052555_000000332053_00291_24894_1522.N1	04-DEC-2006 05:25:55	Bright	33.000	152	12Alp2CVn	2.8900	11000.	66	24894	No
64	GOM_NL__2PRFIN20061204_053442_000000542053_00291_24894_1523.N1	04-DEC-2006 05:34:42	Bright	54.000	138	47Eps Vir	2.8280	4700.0	108	24894	No
65	GOM_NL__2PRFIN20061204_053912_000000412053_00291_24894_1524.N1	04-DEC-2006 05:39:12	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	24894	No
66	GOM_NL__2PRFIN20061204_054502_000000412053_00291_24894_1525.N1	04-DEC-2006 05:45:02	Dark	40.500	100	4Gam Crv	2.5800	13100.	81	24894	No
67	GOM_NL__2PRFIN20061204_054637_000000432053_00291_24894_1526.N1	04-DEC-2006 05:46:37	Dark	42.500	171	2Eps Crv	3.0010	4250.0	85	24894	No
68	GOM_NL__2PRFIN20061204_055603_000000382053_00292_24895_1506.N1	04-DEC-2006 05:56:03	Dark	38.000	113	Mu Vel	2.6920	5000.0	76	24895	No
69	GOM_NL__2PRFIN20061204_060444_000000422053_00292_24895_1507.N1	04-DEC-2006 06:04:44	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	24895	No
70	GOM_NL__2PRFIN20061204_060750_000000452053_00292_24895_1508.N1	04-DEC-2006 06:07:50	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	24895	No
71	GOM_NL__2PRFIN20061204_060956_000000522053_00292_24895_1509.N1	04-DEC-2006 06:09:56	Dark	51.500	117	Pi Pup	2.7060	3800.0	103	24895	No
72	GOM_NL__2PRFIN20061204_061411_000000372053_00292_24895_1510.N1	04-DEC-2006 06:14:11	Dark	37.000	108	Alp Col	2.6520	15200.	74	24895	No
73	GOM_NL__2PRFIN20061204_061944_000000442053_00292_24895_1511.N1	04-DEC-2006 06:19:44	Straylight	43.500	101	11Alp Lep	2.5820	7000.0	87	24895	No
74	GOM_NL__2PRFIN20061204_062312_000000432053_00292_24895_1512.N1	04-DEC-2006 06:23:12	Straylight	43.000	7	19Bet Ori	0.10000	14000.	86	24895	No
75	GOM_NL__2PRFIN20061204_063100_000000522053_00292_24895_1513.N1	04-DEC-2006 06:31:00	Bright	51.500	13	87Alp Tau	0.86700	3800.0	103	24895	No
76	GOM_NL__2PRFIN20061204_063503_000000312053_00292_24895_1514.N1	04-DEC-2006 06:35:03	Bright	30.500	150	44Zet Per	2.8900	28000.	61	24895	No
77	GOM_NL__2PRFIN20061204_063727_000000312053_00292_24895_1515.N1	04-DEC-2006 06:37:27	Bright	31.000	149	45Eps Per	2.8880	30000.	62	24895	No
78	GOM_NL__2PRFIN20061204_063935_000000262053_00292_24895_1516.N1	04-DEC-2006 06:39:35	Dark	26.000	175	39Del Per	3.0100	19400.	52	24895	Yes
79	GOM_NL__2PRFIN20061204_064103_000000422053_00292_24895_1517.N1	04-DEC-2006 06:41:03	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	24895	No
80	GOM_NL__2PRFIN20061204_065727_000000382053_00292_24895_1518.N1	04-DEC-2006 06:57:27	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	24895	No
81	GOM_NL__2PRFIN20061204_065902_000000382053_00292_24895_1519.N1	04-DEC-2006 06:59:02	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	24895	No
82	GOM_NL__2PRFIN20061204_070051_000000332053_00292_24895_1520.N1	04-DEC-2006 07:00:51	Bright	32.500	32	77Eps UMa	1.7630	11000.	65	24895	No
83	GOM_NL__2PRFIN20061204_070631_000000342053_00292_24895_1521.N1	04-DEC-2006 07:06:31	Bright	33.500	152	12Alp2CVn	2.8900	11000.	67	24895	No
84	GOM_NL__2PRFIN20061204_071518_000000512053_00292_24895_1522.N1	04-DEC-2006 07:15:18	Bright	51.000	138	47Eps Vir	2.8280	4700.0	102	24895	No
85	GOM_NL__2PRFIN20061204_071948_000000402053_00292_24895_1523.N1	04-DEC-2006 07:19:48	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	24895	No
86	GOM_NL__2PRFIN20061204_072538_000000432053_00292_24895_1524.N1	04-DEC-2006 07:25:38	Dark	42.500	100	4Gam Crv	2.5800	13100.	85	24895	No
87	GOM_NL__2PRFIN20061204_072714_000000452053_00292_24895_1525.N1	04-DEC-2006 07:27:14	Dark	45.000	171	2Eps Crv	3.0010	4250.0	90	24895	No
88	GOM_NL__2PRFIN20061204_073640_000000362053_00293_24896_1505.N1	04-DEC-2006 07:36:40	Dark	36.000	113	Mu Vel	2.6920	5000.0	72	24896	No
89	GOM_NL__2PRFIN20061204_074521_000000452053_00293_24896_1506.N1	04-DEC-2006 07:45:21	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	24896	No
90	GOM_NL__2PRFIN20061204_074826_000000472053_00293_24896_1507.N1	04-DEC-2006 07:48:26	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	24896	No
91	GOM_NL__2PRFIN20061204_075033_000000492053_00293_24896_1508.N1	04-DEC-2006 07:50:33	Dark	48.500	117	Pi Pup	2.7060	3800.0	97	24896	No
92	GOM_NL__2PRFIN20061204_075447_000000372053_00293_24896_1509.N1	04-DEC-2006 07:54:47	Dark	37.000	108	Alp Col	2.6520	15200.	74	24896	No
93	GOM_NL__2PRFIN20061204_080020_000000462053_00293_24896_1510.N1	04-DEC-2006 08:00:20	Straylight	46.000	101	11Alp Lep	2.5820	7000.0	92	24896	No
94	GOM_NL__2PRFIN20061204_080348_000000552053_00293_24896_1511.N1	04-DEC-2006 08:03:48	Straylight	55.000	7	19Bet Ori	0.10000	14000.	110	24896	No
95	GOM_NL__2PRFIN20061204_081136_000000542053_00293_24896_1512.N1	04-DEC-2006 08:11:36	Bright	54.000	13	87Alp Tau	0.86700	3800.0	108	24896	No
96	GOM_NL__2PRFIN20061204_081319_000000322053_00293_24896_1513.N1	04-DEC-2006 08:13:19	Bright	31.500	146	25Eta Tau	2.8730	15200.	63	24896	No
97	GOM_NL__2PRFIN20061204_081539_000000322053_00293_24896_1514.N1	04-DEC-2006 08:15:39	Bright	32.000	150	44Zet Per	2.8900	28000.	64	24896	No
98	GOM_NL__2PRFIN20061204_081803_000000302053_00293_24896_1515.N1	04-DEC-2006 08:18:03	Bright	30.000	149	45Eps Per	2.8880	30000.	60	24896	No
99	GOM_NL__2PRFIN20061204_082138_000000402053_00293_24896_1516.N1	04-DEC-2006 08:21:38	Bright	39.500	6	13Alp Aur	0.080000	3400.0	79	24896	No
100	GOM_NL__2PRFIN20061204_083803_000000372053_00293_24896_1517.N1	04-DEC-2006 08:38:03	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	24896	No
101	GOM_NL__2PRFIN20061204_083938_000000372053_00293_24896_1518.N1	04-DEC-2006 08:39:38	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	24896	No

102	GOM_NL__2PRFIN20061204_084127_000000332053_00293_24896_1519.N1	04-DEC-2006 08:41:27	Bright	32.500	32	77Eps UMa	1.7630	11000.	65	24896	No
103	GOM_NL__2PRFIN20061204_084707_000000342053_00293_24896_1520.N1	04-DEC-2006 08:47:07	Bright	33.500	152	12Alp2CVn	2.8900	11000.	67	24896	No
104	GOM_NL__2PRFIN20061204_085554_000000362053_00293_24896_1521.N1	04-DEC-2006 08:55:54	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	24896	No
105	GOM_NL__2PRFIN20061204_090025_000000422053_00293_24896_1522.N1	04-DEC-2006 09:00:25	Bright	42.000	121	29Gam Vir	2.7400	7200.0	84	24896	No
106	GOM_NL__2PRFIN20061204_090615_000000422053_00293_24896_1523.N1	04-DEC-2006 09:06:15	Dark	42.000	100	4Gam Crv	2.5800	13100.	84	24896	No
107	GOM_NL__2PRFIN20061204_090751_000000432053_00293_24896_1524.N1	04-DEC-2006 09:07:51	Dark	42.500	171	2Eps Crv	3.0010	4250.0	85	24896	No
108	GOM_NL__2PRFIN20061204_091716_000000392053_00294_24897_1503.N1	04-DEC-2006 09:17:16	Dark	39.000	113	Mu Vel	2.6920	5000.0	78	24897	No
109	GOM_NL__2PRFIN20061204_092558_000000432053_00294_24897_1504.N1	04-DEC-2006 09:25:58	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	24897	No
110	GOM_NL__2PRFIN20061204_092902_000000502053_00294_24897_1505.N1	04-DEC-2006 09:29:02	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	24897	No
111	GOM_NL__2PRFIN20061204_093110_000000542053_00294_24897_1506.N1	04-DEC-2006 09:31:10	Dark	53.500	117	Pi Pup	2.7060	3800.0	107	24897	No
112	GOM_NL__2PRFIN20061204_093524_000000382053_00294_24897_1507.N1	04-DEC-2006 09:35:24	Dark	37.500	108	Alp Col	2.6520	15200.	75	24897	No
113	GOM_NL__2PRFIN20061204_094056_000000432053_00294_24897_1508.N1	04-DEC-2006 09:40:56	Straylight	43.000	101	11Alp Lep	2.5820	7000.0	86	24897	No
114	GOM_NL__2PRFIN20061204_094423_000000582053_00294_24897_1509.N1	04-DEC-2006 09:44:23	Straylight	58.000	7	19Bet Ori	0.10000	14000.	116	24897	No
115	GOM_NL__2PRFIN20061204_095211_000000492053_00294_24897_1510.N1	04-DEC-2006 09:52:11	Bright	49.000	13	87Alp Tau	0.86700	3800.0	98	24897	No
116	GOM_NL__2PRFIN20061204_095355_000000332053_00294_24897_1511.N1	04-DEC-2006 09:53:55	Bright	32.500	146	25Eta Tau	2.8730	15200.	65	24897	No
117	GOM_NL__2PRFIN20061204_095615_000000322053_00294_24897_1512.N1	04-DEC-2006 09:56:15	Bright	31.500	150	44Zet Per	2.8900	28000.	63	24897	No
118	GOM_NL__2PRFIN20061204_095838_000000312053_00294_24897_1513.N1	04-DEC-2006 09:58:38	Bright	31.000	149	45Eps Per	2.8880	30000.	62	24897	No
119	GOM_NL__2PRFIN20061204_100213_000000402053_00294_24897_1514.N1	04-DEC-2006 10:02:13	Bright	40.000	6	13Alp Aur	0.080000	3400.0	80	24897	No
120	GOM_NL__2PRFIN20061204_101838_000000392053_00294_24897_1515.N1	04-DEC-2006 10:18:38	Bright	38.500	36	50Alp UMa	1.8000	6300.0	77	24897	No
121	GOM_NL__2PRFIN20061204_102013_000000402053_00294_24897_1516.N1	04-DEC-2006 10:20:13	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	24897	No
122	GOM_NL__2PRFIN20061204_102202_000000342053_00294_24897_1517.N1	04-DEC-2006 10:22:02	Bright	33.500	32	77Eps UMa	1.7630	11000.	67	24897	No
123	GOM_NL__2PRFIN20061204_102743_000000332053_00294_24897_1518.N1	04-DEC-2006 10:27:43	Bright	33.000	152	12Alp2CVn	2.8900	11000.	66	24897	No
124	GOM_NL__2PRFIN20061204_103631_000000362053_00294_24897_1519.N1	04-DEC-2006 10:36:31	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	24897	No
125	GOM_NL__2PRFIN20061204_104102_000000432053_00294_24897_1520.N1	04-DEC-2006 10:41:02	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	24897	No
126	GOM_NL__2PRFIN20061204_104652_000000402053_00294_24897_1521.N1	04-DEC-2006 10:46:52	Dark	40.000	100	4Gam Crv	2.5800	13100.	80	24897	No
127	GOM_NL__2PRFIN20061204_104828_000000432053_00294_24897_1522.N1	04-DEC-2006 10:48:28	Dark	42.500	171	2Eps Crv	3.0010	4250.0	85	24897	No
128	GOM_NL__2PRFIN20061204_105753_000000372053_00295_24898_1502.N1	04-DEC-2006 10:57:53	Dark	37.000	113	Mu Vel	2.6920	5000.0	74	24898	No
129	GOM_NL__2PRFIN20061204_110634_000000412053_00295_24898_1503.N1	04-DEC-2006 11:06:34	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	24898	No
130	GOM_NL__2PRFIN20061204_110939_000000502053_00295_24898_1504.N1	04-DEC-2006 11:09:39	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	24898	No
131	GOM_NL__2PRFIN20061204_111147_000000572053_00295_24898_1505.N1	04-DEC-2006 11:11:47	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	24898	No
132	GOM_NL__2PRFIN20061204_111600_000000372053_00295_24898_1506.N1	04-DEC-2006 11:16:00	Dark	37.000	108	Alp Col	2.6520	15200.	74	24898	No
133	GOM_NL__2PRFIN20061204_112132_000000452053_00295_24898_1507.N1	04-DEC-2006 11:21:32	Straylight	44.500	101	11Alp Lep	2.5820	7000.0	89	24898	No
134	GOM_NL__2PRFIN20061204_112459_000000552053_00295_24898_1508.N1	04-DEC-2006 11:24:59	Straylight	55.000	7	19Bet Ori	0.10000	14000.	110	24898	No
135	GOM_NL__2PRFIN20061204_113247_000000442053_00295_24898_1509.N1	04-DEC-2006 11:32:47	Bright	43.500	13	87Alp Tau	0.86700	3800.0	87	24898	No
136	GOM_NL__2PRFIN20061204_113431_000000322053_00295_24898_1510.N1	04-DEC-2006 11:34:31	Bright	31.500	146	25Eta Tau	2.8730	15200.	63	24898	No
137	GOM_NL__2PRFIN20061204_113650_000000322053_00295_24898_1511.N1	04-DEC-2006 11:36:50	Bright	31.500	150	44Zet Per	2.8900	28000.	63	24898	No
138	GOM_NL__2PRFIN20061204_113914_000000312053_00295_24898_1512.N1	04-DEC-2006 11:39:14	Bright	30.500	149	45Eps Per	2.8880	30000.	61	24898	No
139	GOM_NL__2PRFIN20061204_114249_000000572053_00295_24898_1513.N1	04-DEC-2006 11:42:49	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	24898	No
140	GOM_NL__2PRFIN20061204_115913_000000342053_00295_24898_1514.N1	04-DEC-2006 11:59:13	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	24898	No
141	GOM_NL__2PRFIN20061204_120049_000000402053_00295_24898_1515.N1	04-DEC-2006 12:00:49	Bright	40.000	82	48Bet UMa	2.3650	10600.	80	24898	No
142	GOM_NL__2PRFIN20061204_120238_000000342053_00295_24898_1516.N1	04-DEC-2006 12:02:38	Bright	33.500	32	77Eps UMa	1.7630	11000.	67	24898	No
143	GOM_NL__2PRFIN20061204_120448_000000312053_00295_24898_1517.N1	04-DEC-2006 12:04:48	Bright	30.500	39	85Eta UMa	1.8540	24000.	61	24898	No
144	GOM_NL__2PRFIN20061204_120819_000000342053_00295_24898_1518.N1	04-DEC-2006 12:08:19	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	24898	No
145	GOM_NL__2PRFIN20061204_121707_000000372053_00295_24898_1519.N1	04-DEC-2006 12:17:07	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	24898	No
146	GOM_NL__2PRFIN20061204_122138_000000412053_00295_24898_1520.N1	04-DEC-2006 12:21:38	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	24898	No
147	GOM_NL__2PRFIN20061204_122729_000000422053_00295_24898_1521.N1	04-DEC-2006 12:27:29	Dark	42.000	100	4Gam Crv	2.5800	13100.	84	24898	No
148	GOM_NL__2PRFIN20061204_122905_000000432053_00295_24898_1522.N1	04-DEC-2006 12:29:05	Dark	43.000	171	2Eps Crv	3.0010	4250.0	86	24898	No
149	GOM_NL__2PRFIN20061204_123830_000000372053_00296_24899_1501.N1	04-DEC-2006 12:38:30	Dark	37.000	113	Mu Vel	2.6920	5000.0	74	24899	No
150	GOM_NL__2PRFIN20061204_124711_000000412053_00296_24899_1502.N1	04-DEC-2006 12:47:11	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	24899	No
151	GOM_NL__2PRFIN20061204_125015_000000452053_00296_24899_1503.N1	04-DEC-2006 12:50:15	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	24899	No
152	GOM_NL__2PRFIN20061204_125223_000000562053_00296_24899_1504.N1	04-DEC-2006 12:52:23	Dark	56.000	117	Pi Pup	2.7060	3800.0	112	24899	No
153	GOM_NL__2PRFIN20061204_125636_000000352053_00296_24899_1505.N1	04-DEC-2006 12:56:36	Dark	35.000	108	Alp Col	2.6520	15200.	70	24899	No
154	GOM_NL__2PRFIN20061204_130208_000000442053_00296_24899_1506.N1	04-DEC-2006 13:02:08	Straylight	44.000	101	11Alp Lep	2.5820	7000.0	88	24899	No
155	GOM_NL__2PRFIN20061204_130535_000000472053_00296_24899_1507.N1	04-DEC-2006 13:05:35	Straylight	47.000	7	19Bet Ori	0.10000	14000.	94	24899	No
156	GOM_NL__2PRFIN20061204_131322_000000482053_00296_24899_1508.N1	04-DEC-2006 13:13:22	Bright	48.000	13	87Alp Tau	0.86700	3800.0	96	24899	No
157	GOM_NL__2PRFIN20061204_131507_000000332053_00296_24899_1509.N1	04-DEC-2006 13:15:07	Bright	32.500	146	25Eta Tau	2.8730	15200.	65	24899	No
158	GOM_NL__2PRFIN20061204_131726_000000312053_00296_24899_1510.N1	04-DEC-2006 13:17:26	Bright	31.000	150	44Zet Per	2.8900	28000.	62	24899	No
159	GOM_NL__2PRFIN20061204_131950_000000302053_00296_24899_1511.N1	04-DEC-2006 13:19:50	Bright	29.500	149	45Eps Per	2.8880	30000.	59	24899	No
160	GOM_NL__2PRFIN20061204_132324_000000392053_00296_24899_1512.N1	04-DEC-2006 13:23:24	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	24899	No

161	GOM_NL__2PRFIN20061204_133949_000000382053_00296_24899_1513.N1	04-DEC-2006 13:39:49	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	24899	No
162	GOM_NL__2PRFIN20061204_134124_000000402053_00296_24899_1514.N1	04-DEC-2006 13:41:24	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	24899	No
163	GOM_NL__2PRFIN20061204_134314_000000332053_00296_24899_1515.N1	04-DEC-2006 13:43:14	Bright	33.000	32	77Eps UMa	1.7630	11000.	66	24899	No
164	GOM_NL__2PRFIN20061204_134524_000000342053_00296_24899_1516.N1	04-DEC-2006 13:45:24	Bright	33.500	39	85Eta UMa	1.8540	24000.	67	24899	No
165	GOM_NL__2PRFIN20061204_134855_000000352053_00296_24899_1517.N1	04-DEC-2006 13:48:55	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	24899	No
166	GOM_NL__2PRFIN20061204_135743_000000382053_00296_24899_1518.N1	04-DEC-2006 13:57:43	Bright	37.500	138	47Eps Vir	2.8280	4700.0	75	24899	No
167	GOM_NL__2PRFIN20061204_140214_000000422053_00296_24899_1519.N1	04-DEC-2006 14:02:14	Bright	41.500	121	29Gam Vir	2.7400	7200.0	83	24899	No
168	GOM_NL__2PRFIN20061204_140805_000000422053_00296_24899_1520.N1	04-DEC-2006 14:08:05	Dark	42.000	100	4Gam Crv	2.5800	13100.	84	24899	No
169	GOM_NL__2PRFIN20061204_140942_000000442053_00296_24899_1521.N1	04-DEC-2006 14:09:42	Dark	44.000	171	2Eps Crv	3.0010	4250.0	88	24899	No
170	GOM_NL__2PRFIN20061204_141907_000000472053_00297_24900_1500.N1	04-DEC-2006 14:19:07	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	24900	No
171	GOM_NL__2PRFIN20061204_142748_000000412053_00297_24900_1501.N1	04-DEC-2006 14:27:48	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	24900	No
172	GOM_NL__2PRFIN20061204_143052_000000472053_00297_24900_1502.N1	04-DEC-2006 14:30:52	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	24900	No
173	GOM_NL__2PRFIN20061204_143300_000000542053_00297_24900_1503.N1	04-DEC-2006 14:33:00	Dark	54.000	117	Pi Pup	2.7060	3800.0	108	24900	No
174	GOM_NL__2PRFIN20061204_143712_000000402053_00297_24900_1504.N1	04-DEC-2006 14:37:12	Dark	39.500	108	Alp Col	2.6520	15200.	79	24900	No
175	GOM_NL__2PRFIN20061204_144244_000000432053_00297_24900_1505.N1	04-DEC-2006 14:42:44	Straylight	42.500	101	11Alp Lep	2.5820	7000.0	85	24900	No
176	GOM_NL__2PRFIN20061204_144611_000000582053_00297_24900_1506.N1	04-DEC-2006 14:46:11	Straylight	58.000	7	19Bet Ori	0.10000	14000.	116	24900	No
177	GOM_NL__2PRFIN20061204_145358_000000542053_00297_24900_1507.N1	04-DEC-2006 14:53:58	Bright	54.000	13	87Alp Tau	0.86700	3800.0	108	24900	No
178	GOM_NL__2PRFIN20061204_145543_000000322053_00297_24900_1508.N1	04-DEC-2006 14:55:43	Bright	32.000	146	25Eta Tau	2.8730	15200.	64	24900	No
179	GOM_NL__2PRFIN20061204_145802_000000322053_00297_24900_1509.N1	04-DEC-2006 14:58:02	Bright	31.500	150	44Zet Per	2.8900	28000.	63	24900	No
180	GOM_NL__2PRFIN20061204_150026_000000302053_00297_24900_1510.N1	04-DEC-2006 15:00:26	Bright	29.500	149	45Eps Per	2.8880	30000.	59	24900	No
181	GOM_NL__2PRFIN20061204_150359_000000412053_00297_24900_1511.N1	04-DEC-2006 15:03:59	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	24900	No
182	GOM_NL__2PRFIN20061204_152025_000000382053_00297_24900_1512.N1	04-DEC-2006 15:20:25	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	24900	No
183	GOM_NL__2PRFIN20061204_152200_000000402053_00297_24900_1513.N1	04-DEC-2006 15:22:00	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	24900	No
184	GOM_NL__2PRFIN20061204_152350_000000352053_00297_24900_1514.N1	04-DEC-2006 15:23:50	Bright	34.500	32	77Eps UMa	1.7630	11000.	69	24900	No
185	GOM_NL__2PRFIN20061204_152600_000000312053_00297_24900_1515.N1	04-DEC-2006 15:26:00	Bright	30.500	39	85Eta UMa	1.8540	24000.	61	24900	No
186	GOM_NL__2PRFIN20061204_152931_000000352053_00297_24900_1516.N1	04-DEC-2006 15:29:31	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	24900	No
187	GOM_NL__2PRFIN20061204_153820_000000372053_00297_24900_1517.N1	04-DEC-2006 15:38:20	Bright	36.500	138	47Eps Vir	2.8280	4700.0	73	24900	No
188	GOM_NL__2PRFIN20061204_154251_000000412053_00297_24900_1518.N1	04-DEC-2006 15:42:51	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	24900	No
189	GOM_NL__2PRFIN20061204_154842_000000432053_00297_24900_1519.N1	04-DEC-2006 15:48:42	Dark	42.500	100	4Gam Crv	2.5800	13100.	85	24900	No
190	GOM_NL__2PRFIN20061204_155018_000000442053_00297_24900_1520.N1	04-DEC-2006 15:50:18	Dark	43.500	171	2Eps Crv	3.0010	4250.0	87	24900	No
191	GOM_NL__2PRFIN20061204_155943_000000392053_00298_24901_1510.N1	04-DEC-2006 15:59:43	Dark	38.500	113	Mu Vel	2.6920	5000.0	77	24901	No
192	GOM_NL__2PRFIN20061204_160825_000000422053_00298_24901_1511.N1	04-DEC-2006 16:08:25	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	24901	No
193	GOM_NL__2PRFIN20061204_161128_000000472053_00298_24901_1512.N1	04-DEC-2006 16:11:28	Dark	47.000	2	Alp Car	-0.73600	7000.0	94	24901	No
194	GOM_NL__2PRFIN20061204_161337_000000642053_00298_24901_1513.N1	04-DEC-2006 16:13:37	Dark	63.500	117	Pi Pup	2.7060	3800.0	127	24901	No
195	GOM_NL__2PRFIN20061204_161749_000000402053_00298_24901_1514.N1	04-DEC-2006 16:17:49	Dark	39.500	108	Alp Col	2.6520	15200.	79	24901	No
196	GOM_NL__2PRFIN20061204_162320_000000432053_00298_24901_1515.N1	04-DEC-2006 16:23:20	Straylight	43.000	101	11Alp Lep	2.5820	7000.0	86	24901	No
197	GOM_NL__2PRFIN20061204_162647_000000562053_00298_24901_1516.N1	04-DEC-2006 16:26:47	Straylight	56.000	7	19Bet Ori	0.10000	14000.	112	24901	No
198	GOM_NL__2PRFIN20061204_163434_000000542053_00298_24901_1517.N1	04-DEC-2006 16:34:34	Bright	53.500	13	87Alp Tau	0.86700	3800.0	107	24901	No
199	GOM_NL__2PRFIN20061204_163619_000000312053_00298_24901_1518.N1	04-DEC-2006 16:36:19	Bright	31.000	146	25Eta Tau	2.8730	15200.	62	24901	No
200	GOM_NL__2PRFIN20061204_163838_000000332053_00298_24901_1519.N1	04-DEC-2006 16:38:38	Bright	32.500	150	44Zet Per	2.8900	28000.	65	24901	No
201	GOM_NL__2PRFIN20061204_164101_000000312053_00298_24901_1520.N1	04-DEC-2006 16:41:01	Bright	30.500	149	45Eps Per	2.8880	30000.	61	24901	No
202	GOM_NL__2PRFIN20061204_164435_000000412053_00298_24901_1521.N1	04-DEC-2006 16:44:35	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	24901	No
203	GOM_NL__2PRFIN20061204_170100_000000382053_00298_24901_1522.N1	04-DEC-2006 17:01:00	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	24901	No
204	GOM_NL__2PRFIN20061204_170235_000000392053_00298_24901_1523.N1	04-DEC-2006 17:02:35	Bright	39.000	82	48Bet UMa	2.3650	10600.	78	24901	No
205	GOM_NL__2PRFIN20061204_170426_000000342053_00298_24901_1524.N1	04-DEC-2006 17:04:26	Bright	34.000	32	77Eps UMa	1.7630	11000.	68	24901	No
206	GOM_NL__2PRFIN20061204_170636_000000312053_00298_24901_1525.N1	04-DEC-2006 17:06:36	Bright	31.000	39	85Eta UMa	1.8540	24000.	62	24901	No
207	GOM_NL__2PRFIN20061204_171007_000000342053_00298_24901_1526.N1	04-DEC-2006 17:10:07	Bright	33.500	152	12Alp2CVn	2.8900	11000.	67	24901	No
208	GOM_NL__2PRFIN20061204_171856_000000362053_00298_24901_1527.N1	04-DEC-2006 17:18:56	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	24901	No
209	GOM_NL__2PRFIN20061204_172328_000000432053_00298_24901_1528.N1	04-DEC-2006 17:23:28	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	24901	No
210	GOM_NL__2PRFIN20061204_172919_000000442053_00298_24901_1529.N1	04-DEC-2006 17:29:19	Dark	44.000	100	4Gam Crv	2.5800	13100.	88	24901	No
211	GOM_NL__2PRFIN20061204_173055_000000422053_00298_24901_1530.N1	04-DEC-2006 17:30:55	Dark	42.000	171	2Eps Crv	3.0010	4250.0	84	24901	No
212	GOM_NL__2PRFIN20061204_174020_000000372053_00299_24902_1539.N1	04-DEC-2006 17:40:20	Dark	37.000	113	Mu Vel	2.6920	5000.0	74	24902	No
213	GOM_NL__2PRFIN20061204_174902_000000422053_00299_24902_1540.N1	04-DEC-2006 17:49:02	Dark	41.500	34	Gam2Vel	1.7930	23000.	83	24902	No
214	GOM_NL__2PRFIN20061204_175204_000000512053_00299_24902_1541.N1	04-DEC-2006 17:52:04	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	24902	No
215	GOM_NL__2PRFIN20061204_175413_000000512053_00299_24902_1542.N1	04-DEC-2006 17:54:13	Dark	51.000	117	Pi Pup	2.7060	3800.0	102	24902	No
216	GOM_NL__2PRFIN20061204_175825_000000372053_00299_24902_1543.N1	04-DEC-2006 17:58:25	Dark	37.000	108	Alp Col	2.6520	15200.	74	24902	No
217	GOM_NL__2PRFIN20061204_180356_000000472053_00299_24902_1544.N1	04-DEC-2006 18:03:56	Straylight	46.500	101	11Alp Lep	2.5820	7000.0	93	24902	No
218	GOM_NL__2PRFIN20061204_180723_000000572053_00299_24902_1545.N1	04-DEC-2006 18:07:23	Straylight	57.000	7	19Bet Ori	0.10000	14000.	114	24902	No
219	GOM_NL__2PRFIN20061204_181510_000000522053_00299_24902_1546.N1	04-DEC-2006 18:15:10	Bright	52.000	13	87Alp Tau	0.86700	3800.0	104	24902	No

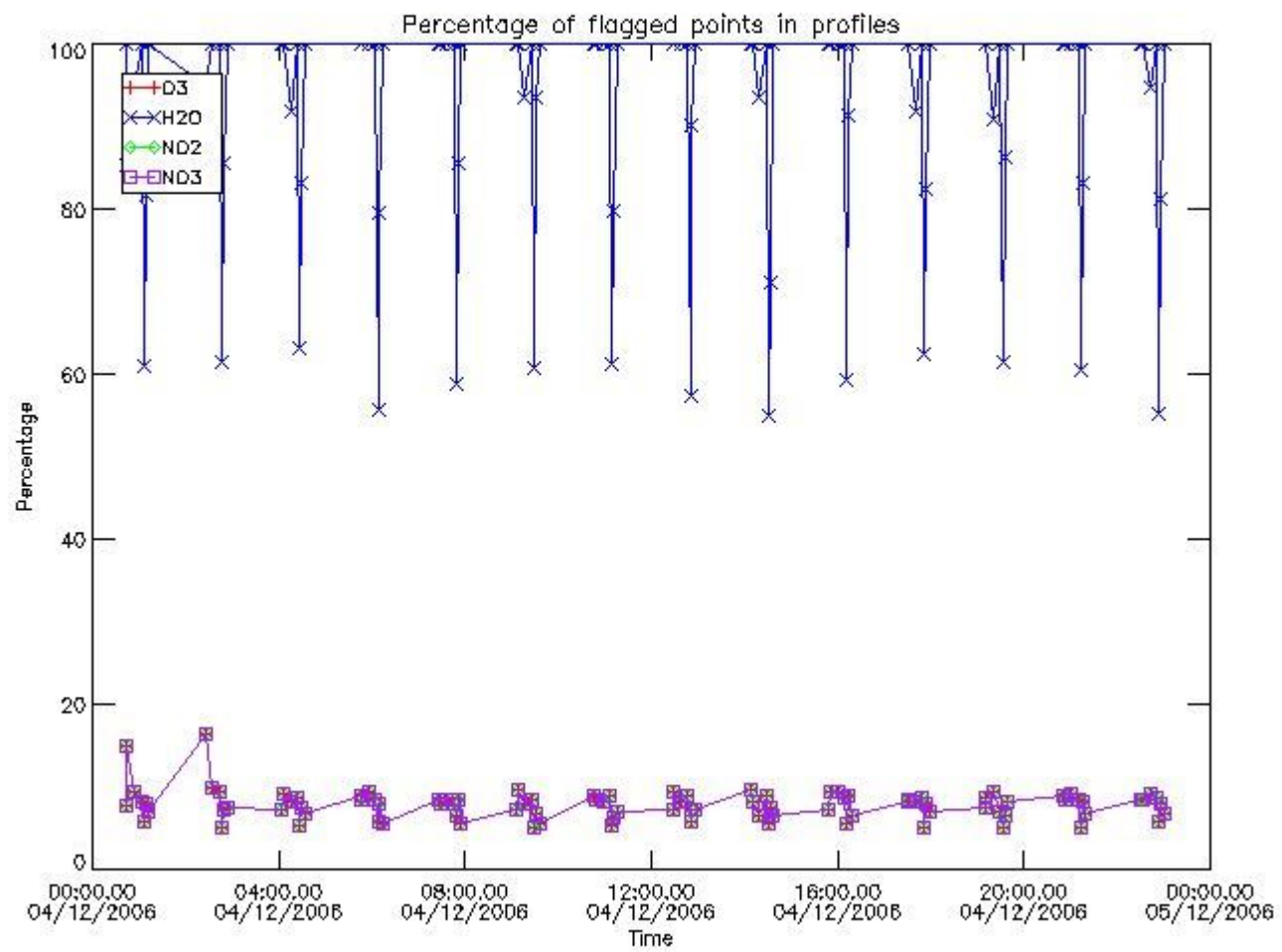
220	GOM_NL__2PRFIN20061204_181654_000000312053_00299_24902_1547.N1	04-DEC-2006 18:16:54	Bright	30.500	146	25Eta Tau	2.8730	15200.	61	24902	No
221	GOM_NL__2PRFIN20061204_181913_000000322053_00299_24902_1548.N1	04-DEC-2006 18:19:13	Bright	31.500	150	44Zet Per	2.8900	28000.	63	24902	No
222	GOM_NL__2PRFIN20061204_182137_000000312053_00299_24902_1549.N1	04-DEC-2006 18:21:37	Bright	30.500	149	45Eps Per	2.8880	30000.	61	24902	No
223	GOM_NL__2PRFIN20061204_182510_000000412053_00299_24902_1550.N1	04-DEC-2006 18:25:10	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	24902	No
224	GOM_NL__2PRFIN20061204_184136_000000372053_00299_24902_1551.N1	04-DEC-2006 18:41:36	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	24902	No
225	GOM_NL__2PRFIN20061204_184502_000000402053_00299_24902_1552.N1	04-DEC-2006 18:45:02	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	24902	No
226	GOM_NL__2PRFIN20061204_184712_000000322053_00299_24902_1553.N1	04-DEC-2006 18:47:12	Bright	31.500	39	85Eta UMa	1.8540	24000.	63	24902	No
227	GOM_NL__2PRFIN20061204_185043_000000332053_00299_24902_1554.N1	04-DEC-2006 18:50:43	Bright	33.000	152	12Alp2CVn	2.8900	11000.	66	24902	No
228	GOM_NL__2PRFIN20061204_185933_000000362053_00299_24902_1555.N1	04-DEC-2006 18:59:33	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	24902	No
229	GOM_NL__2PRFIN20061204_190405_000000402053_00299_24902_1556.N1	04-DEC-2006 19:04:05	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	24902	No
230	GOM_NL__2PRFIN20061204_190956_000000412053_00299_24902_1557.N1	04-DEC-2006 19:09:56	Dark	41.000	100	4Gam Crv	2.5800	13100.	82	24902	No
231	GOM_NL__2PRFIN20061204_191132_000000422053_00299_24902_1558.N1	04-DEC-2006 19:11:32	Dark	41.500	171	2Eps Crv	3.0010	4250.0	83	24902	No
232	GOM_NL__2PRFIN20061204_192057_000000392053_00300_24903_1538.N1	04-DEC-2006 19:20:57	Dark	38.500	113	Mu Vel	2.6920	5000.0	77	24903	No
233	GOM_NL__2PRFIN20061204_192938_000000512053_00300_24903_1539.N1	04-DEC-2006 19:29:38	Dark	51.000	34	Gam2Vel	1.7930	23000.	102	24903	No
234	GOM_NL__2PRFIN20061204_193241_000000512053_00300_24903_1540.N1	04-DEC-2006 19:32:41	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	24903	No
235	GOM_NL__2PRFIN20061204_193450_000000632053_00300_24903_1541.N1	04-DEC-2006 19:34:50	Dark	62.500	117	Pi Pup	2.7060	3800.0	125	24903	No
236	GOM_NL__2PRFIN20061204_193901_000000382053_00300_24903_1542.N1	04-DEC-2006 19:39:01	Dark	37.500	108	Alp Col	2.6520	15200.	75	24903	No
237	GOM_NL__2PRFIN20061204_194432_000000442053_00300_24903_1543.N1	04-DEC-2006 19:44:32	Straylight	43.500	101	11Alp Lep	2.5820	7000.0	87	24903	No
238	GOM_NL__2PRFIN20061204_194759_000000562053_00300_24903_1544.N1	04-DEC-2006 19:47:59	Straylight	55.500	7	19Bet Ori	0.10000	14000.	111	24903	No
239	GOM_NL__2PRFIN20061204_195545_000000482053_00300_24903_1545.N1	04-DEC-2006 19:55:45	Bright	48.000	13	87Alp Tau	0.86700	3800.0	96	24903	No
240	GOM_NL__2PRFIN20061204_195731_000000302053_00300_24903_1546.N1	04-DEC-2006 19:57:31	Dark	30.000	146	25Eta Tau	2.8730	15200.	60	24903	Yes
241	GOM_NL__2PRFIN20061204_195949_000000312053_00300_24903_1547.N1	04-DEC-2006 19:59:49	Bright	30.500	150	44Zet Per	2.8900	28000.	61	24903	No
242	GOM_NL__2PRFIN20061204_200213_000000312053_00300_24903_1548.N1	04-DEC-2006 20:02:13	Bright	30.500	149	45Eps Per	2.8880	30000.	61	24903	No
243	GOM_NL__2PRFIN20061204_200545_000000382053_00300_24903_1549.N1	04-DEC-2006 20:05:45	Bright	38.000	6	13Alp Aur	0.080000	3400.0	76	24903	No
244	GOM_NL__2PRFIN20061204_202211_000000412053_00300_24903_1550.N1	04-DEC-2006 20:22:11	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	24903	No
245	GOM_NL__2PRFIN20061204_202346_000000412053_00300_24903_1551.N1	04-DEC-2006 20:23:46	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	24903	No
246	GOM_NL__2PRFIN20061204_202537_000000352053_00300_24903_1552.N1	04-DEC-2006 20:25:37	Bright	34.500	32	77Eps UMa	1.7630	11000.	69	24903	No
247	GOM_NL__2PRFIN20061204_202748_000000302053_00300_24903_1553.N1	04-DEC-2006 20:27:48	Bright	30.000	39	85Eta UMa	1.8540	24000.	60	24903	No
248	GOM_NL__2PRFIN20061204_203119_000000482053_00300_24903_1554.N1	04-DEC-2006 20:31:19	Bright	47.500	152	12Alp2CVn	2.8900	11000.	95	24903	No
249	GOM_NL__2PRFIN20061204_204009_000000362053_00300_24903_1555.N1	04-DEC-2006 20:40:09	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	24903	No
250	GOM_NL__2PRFIN20061204_204441_000000442053_00300_24903_1556.N1	04-DEC-2006 20:44:41	Bright	44.000	121	29Gam Vir	2.7400	7200.0	88	24903	No
251	GOM_NL__2PRFIN20061204_205033_000000402053_00300_24903_1557.N1	04-DEC-2006 20:50:33	Dark	40.000	100	4Gam Crv	2.5800	13100.	80	24903	No
252	GOM_NL__2PRFIN20061204_205209_000000432053_00300_24903_1558.N1	04-DEC-2006 20:52:09	Dark	43.000	171	2Eps Crv	3.0010	4250.0	86	24903	No
253	GOM_NL__2PRFIN20061204_210134_000000402053_00301_24904_1537.N1	04-DEC-2006 21:01:34	Dark	39.500	113	Mu Vel	2.6920	5000.0	79	24904	No
254	GOM_NL__2PRFIN20061204_211015_000000432053_00301_24904_1538.N1	04-DEC-2006 21:10:15	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	24904	No
255	GOM_NL__2PRFIN20061204_211317_000000512053_00301_24904_1539.N1	04-DEC-2006 21:13:17	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	24904	No
256	GOM_NL__2PRFIN20061204_211527_000000512053_00301_24904_1540.N1	04-DEC-2006 21:15:27	Dark	50.500	117	Pi Pup	2.7060	3800.0	101	24904	No
257	GOM_NL__2PRFIN20061204_211938_000000382053_00301_24904_1541.N1	04-DEC-2006 21:19:38	Dark	37.500	108	Alp Col	2.6520	15200.	75	24904	No
258	GOM_NL__2PRFIN20061204_212508_000000442053_00301_24904_1542.N1	04-DEC-2006 21:25:08	Straylight	44.000	101	11Alp Lep	2.5820	7000.0	88	24904	No
259	GOM_NL__2PRFIN20061204_212834_000000532053_00301_24904_1543.N1	04-DEC-2006 21:28:34	Straylight	53.000	7	19Bet Ori	0.10000	14000.	106	24904	No
260	GOM_NL__2PRFIN20061204_213621_000000532053_00301_24904_1544.N1	04-DEC-2006 21:36:21	Bright	53.000	13	87Alp Tau	0.86700	3800.0	106	24904	No
261	GOM_NL__2PRFIN20061204_214025_000000312053_00301_24904_1545.N1	04-DEC-2006 21:40:25	Bright	30.500	150	44Zet Per	2.8900	28000.	61	24904	No
262	GOM_NL__2PRFIN20061204_214249_000000302053_00301_24904_1546.N1	04-DEC-2006 21:42:49	Bright	29.500	149	45Eps Per	2.8880	30000.	59	24904	No
263	GOM_NL__2PRFIN20061204_214621_000000382053_00301_24904_1547.N1	04-DEC-2006 21:46:21	Bright	37.500	6	13Alp Aur	0.080000	3400.0	75	24904	No
264	GOM_NL__2PRFIN20061204_220247_000000412053_00301_24904_1548.N1	04-DEC-2006 22:02:47	Bright	40.500	36	50Alp UMa	1.8000	6300.0	81	24904	No
265	GOM_NL__2PRFIN20061204_220422_000000412053_00301_24904_1549.N1	04-DEC-2006 22:04:22	Bright	40.500	82	48Bet UMa	2.3650	10600.	81	24904	No
266	GOM_NL__2PRFIN20061204_220613_000000352053_00301_24904_1550.N1	04-DEC-2006 22:06:13	Bright	35.000	32	77Eps UMa	1.7630	11000.	70	24904	No
267	GOM_NL__2PRFIN20061204_220824_000000342053_00301_24904_1551.N1	04-DEC-2006 22:08:24	Bright	33.500	39	85Eta UMa	1.8540	24000.	67	24904	No
268	GOM_NL__2PRFIN20061204_221155_000000342053_00301_24904_1552.N1	04-DEC-2006 22:11:55	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	24904	No
269	GOM_NL__2PRFIN20061204_222045_000000552053_00301_24904_1553.N1	04-DEC-2006 22:20:45	Bright	55.000	138	47Eps Vir	2.8280	4700.0	110	24904	No
270	GOM_NL__2PRFIN20061204_222518_000000392053_00301_24904_1554.N1	04-DEC-2006 22:25:18	Bright	39.000	121	29Gam Vir	2.7400	7200.0	78	24904	No
271	GOM_NL__2PRFIN20061204_223110_000000432053_00301_24904_1555.N1	04-DEC-2006 22:31:10	Dark	43.000	100	4Gam Crv	2.5800	13100.	86	24904	No
272	GOM_NL__2PRFIN20061204_223246_000000432053_00301_24904_1556.N1	04-DEC-2006 22:32:46	Dark	43.000	171	2Eps Crv	3.0010	4250.0	86	24904	No
273	GOM_NL__2PRFIN20061204_224210_000000392053_00302_24905_1536.N1	04-DEC-2006 22:42:10	Dark	39.000	113	Mu Vel	2.6920	5000.0	78	24905	No
274	GOM_NL__2PRFIN20061204_225052_000000412053_00302_24905_1537.N1	04-DEC-2006 22:50:52	Dark	41.000	34	Gam2Vel	1.7930	23000.	82	24905	No
275	GOM_NL__2PRFIN20061204_225353_000000442053_00302_24905_1538.N1	04-DEC-2006 22:53:53	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	24905	No
276	GOM_NL__2PRFIN20061204_225603_000000512053_00302_24905_1539.N1	04-DEC-2006 22:56:03	Dark	51.000	117	Pi Pup	2.7060	3800.0	102	24905	No
277	GOM_NL__2PRFIN20061204_230014_000000382053_00302_24905_1540.N1	04-DEC-2006 23:00:14	Dark	37.500	108	Alp Col	2.6520	15200.	75	24905	No
278	GOM_NL__2PRFIN20061204_230544_000000452053_00302_24905_1541.N1	04-DEC-2006 23:05:44	Straylight	44.500	101	11Alp Lep	2.5820	7000.0	89	24905	No

279	GOM_NL__2PRFIN20061204_230910_000000482053_00302_24905_1542.N1	04-DEC-2006 23:09:10	Straylight	48.000	7	19Bet Ori	0.10000	14000.	96	24905	No
280	GOM_NL__2PRFIN20061204_231656_000000512053_00302_24905_1543.N1	04-DEC-2006 23:16:56	Bright	50.500	13	87Alp Tau	0.86700	3800.0	101	24905	No
281	GOM_NL__2PRFIN20061204_232100_000000322053_00302_24905_1544.N1	04-DEC-2006 23:21:00	Bright	31.500	150	44Zet Per	2.8900	28000.	63	24905	No
282	GOM_NL__2PRFIN20061204_232324_000000302053_00302_24905_1545.N1	04-DEC-2006 23:23:24	Bright	30.000	149	45Eps Per	2.8880	30000.	60	24905	No
283	GOM_NL__2PRFIN20061204_232656_000000392053_00302_24905_1546.N1	04-DEC-2006 23:26:56	Bright	39.000	6	13Alp Aur	0.080000	3400.0	78	24905	No
284	GOM_NL__2PRFIN20061204_234322_000000422053_00302_24905_1547.N1	04-DEC-2006 23:43:22	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	24905	No
285	GOM_NL__2PRFIN20061204_234457_000000402053_00302_24905_1548.N1	04-DEC-2006 23:44:57	Bright	39.500	82	48Bet UMa	2.3650	10600.	79	24905	No
286	GOM_NL__2PRFIN20061204_234649_000000342053_00302_24905_1549.N1	04-DEC-2006 23:46:49	Bright	33.500	32	77Eps UMa	1.7630	11000.	67	24905	No
287	GOM_NL__2PRFIN20061204_234900_000000322053_00302_24905_1550.N1	04-DEC-2006 23:49:00	Bright	32.000	39	85Eta UMa	1.8540	24000.	64	24905	No
288	GOM_NL__2PRFIN20061204_235231_000000352053_00302_24905_1551.N1	04-DEC-2006 23:52:31	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	24905	No

3. Quality information per product

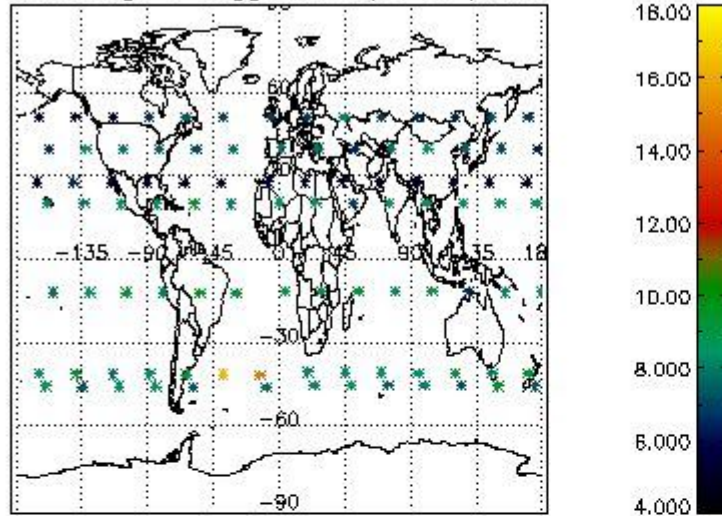
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

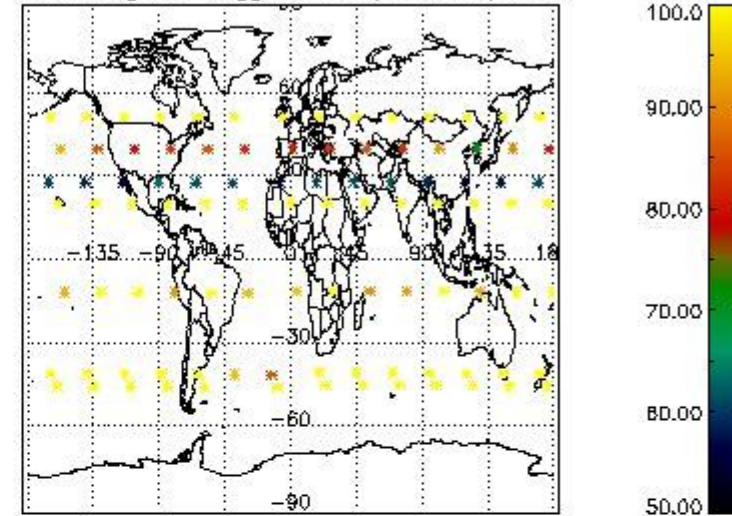


3.2 Plot quality information per product (world map)

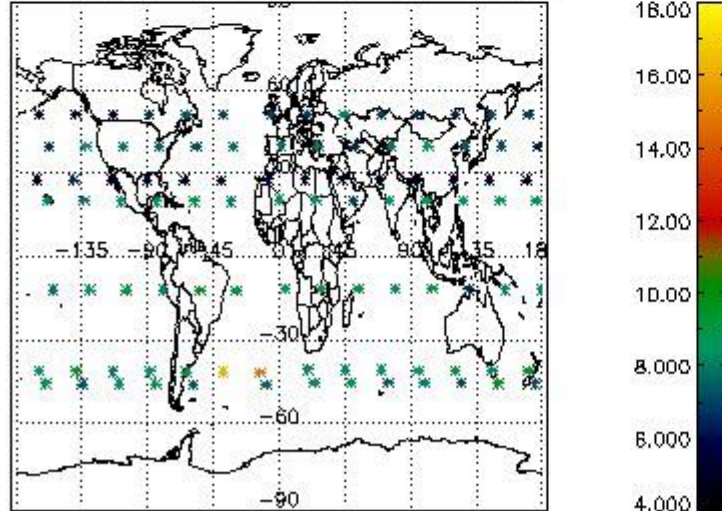
Percentage of flagged data per O3 profile



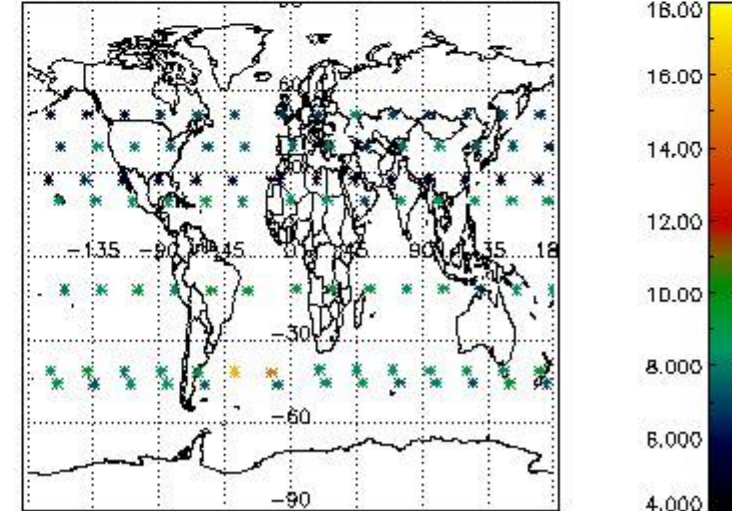
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

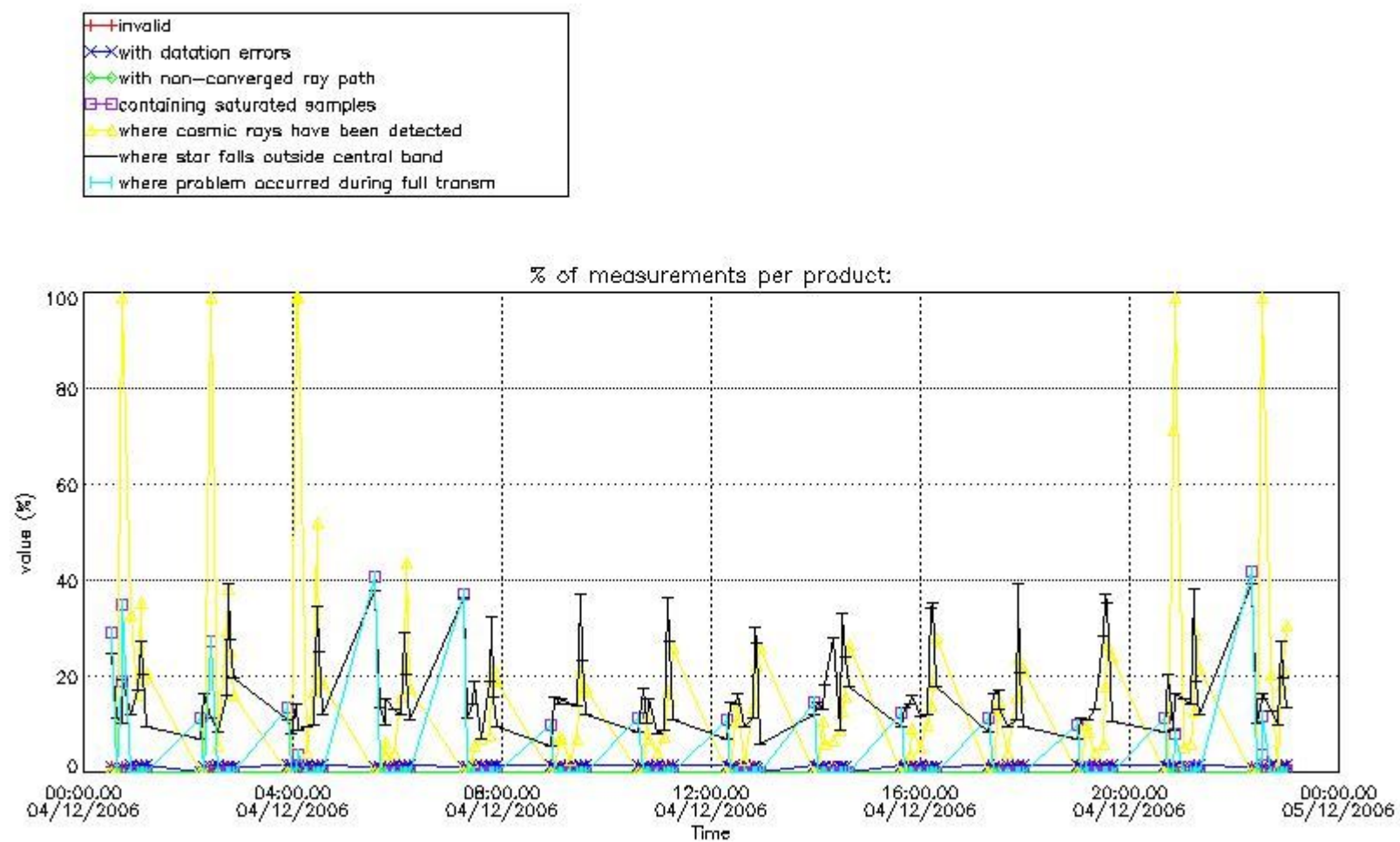


4. Level 1 quality information per product

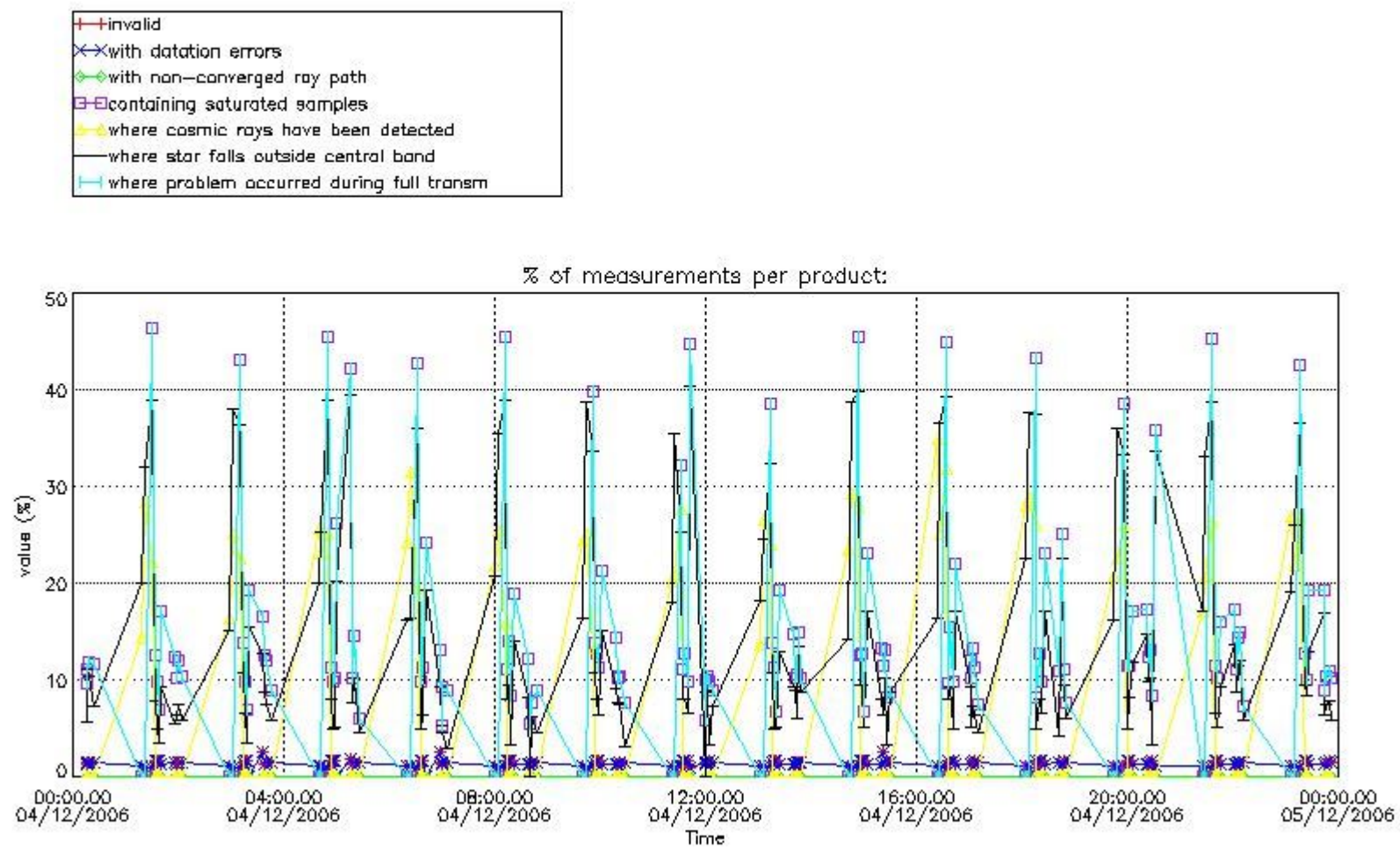
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

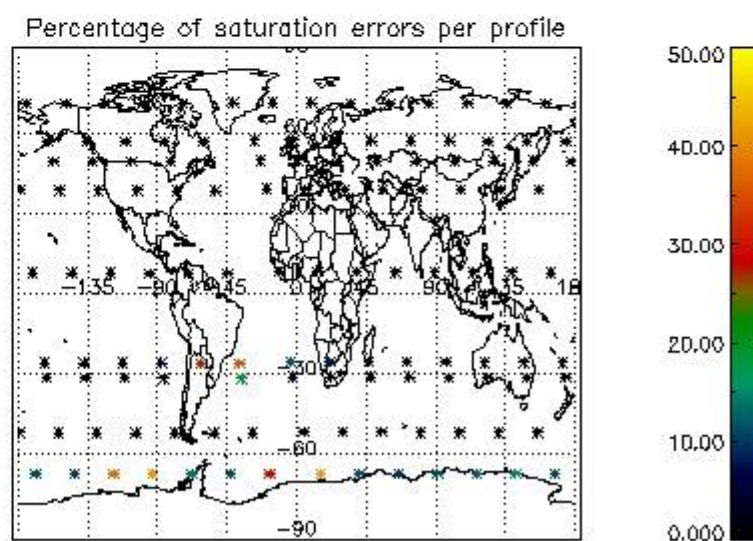
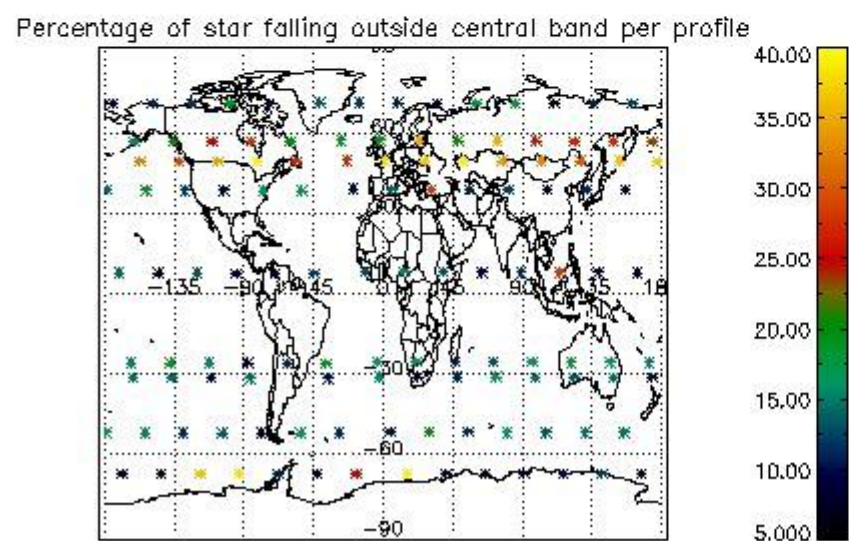
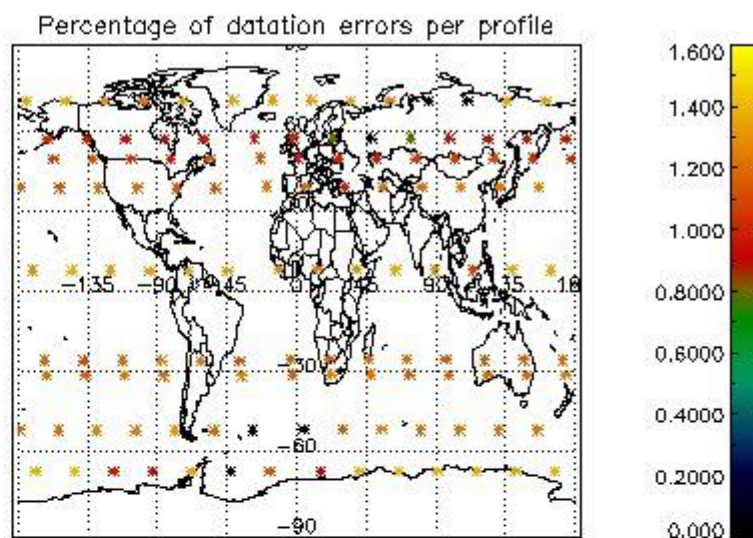
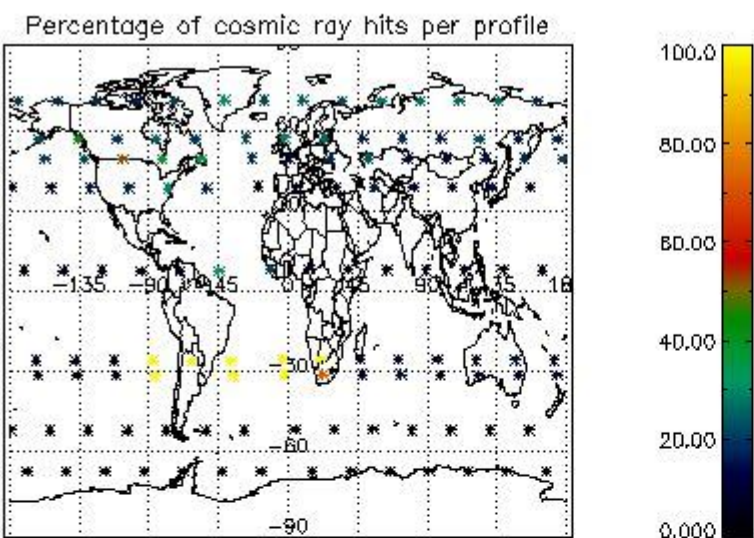


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

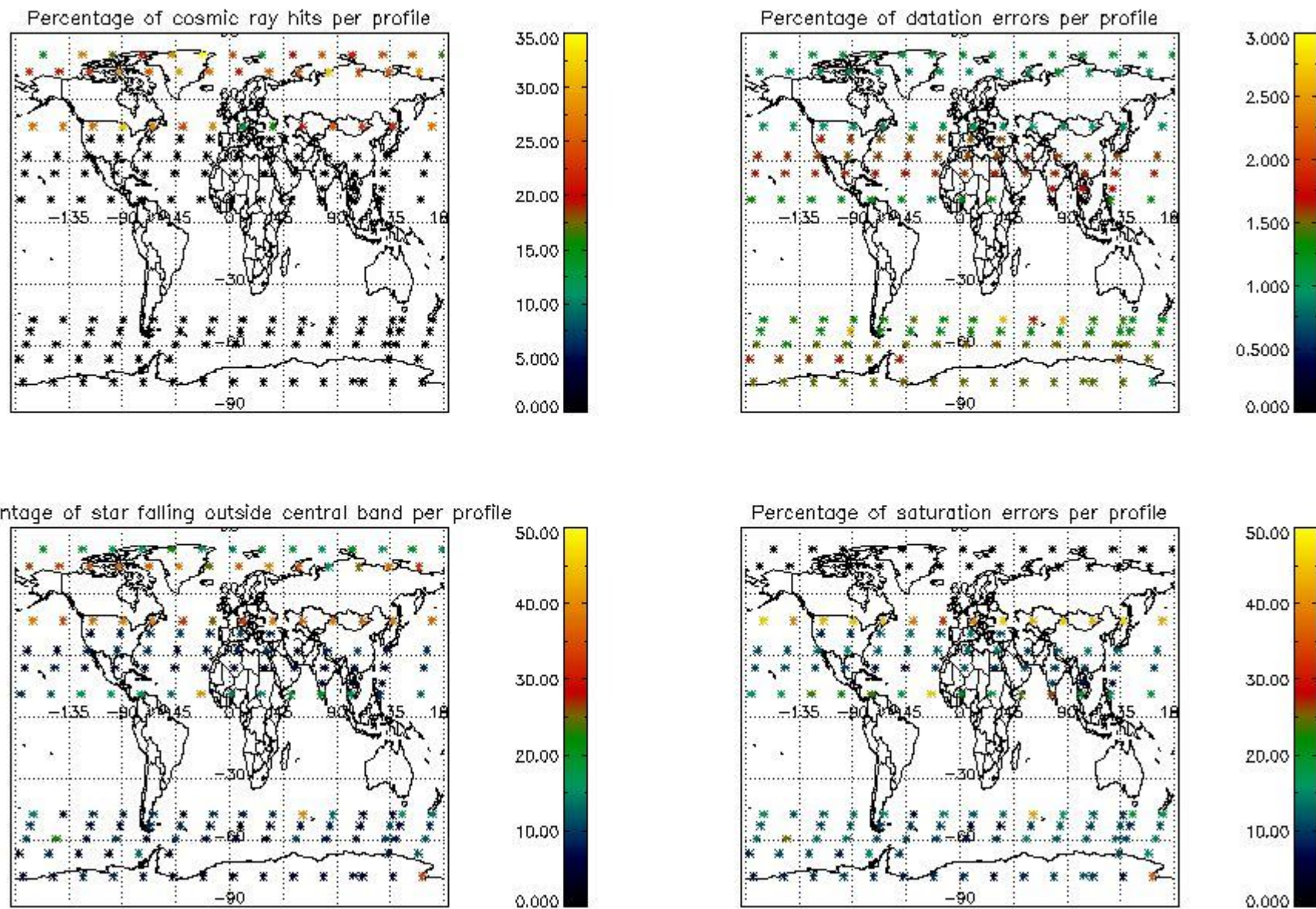


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

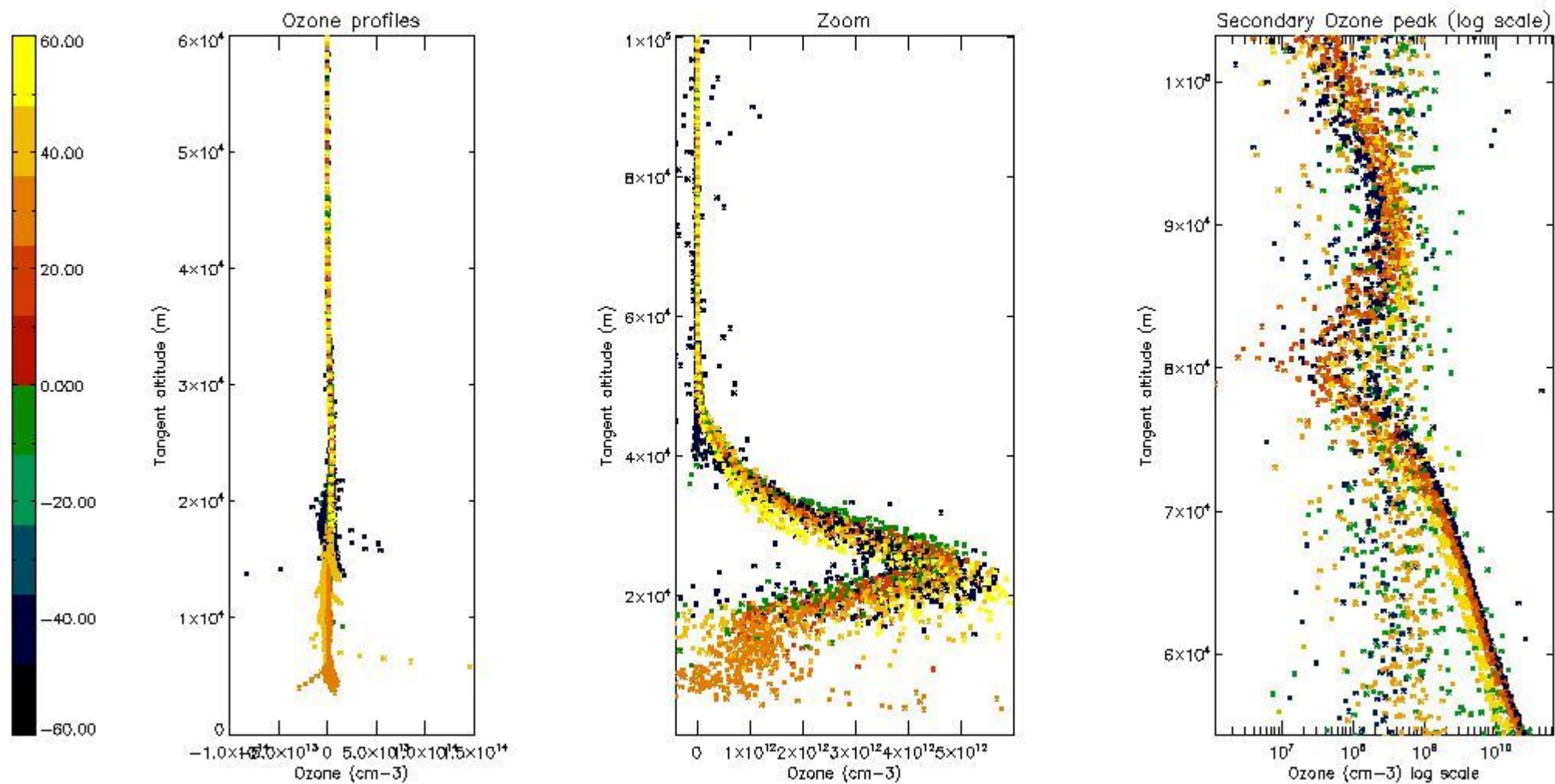
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	20

STD < 10	15
STD < 5	10

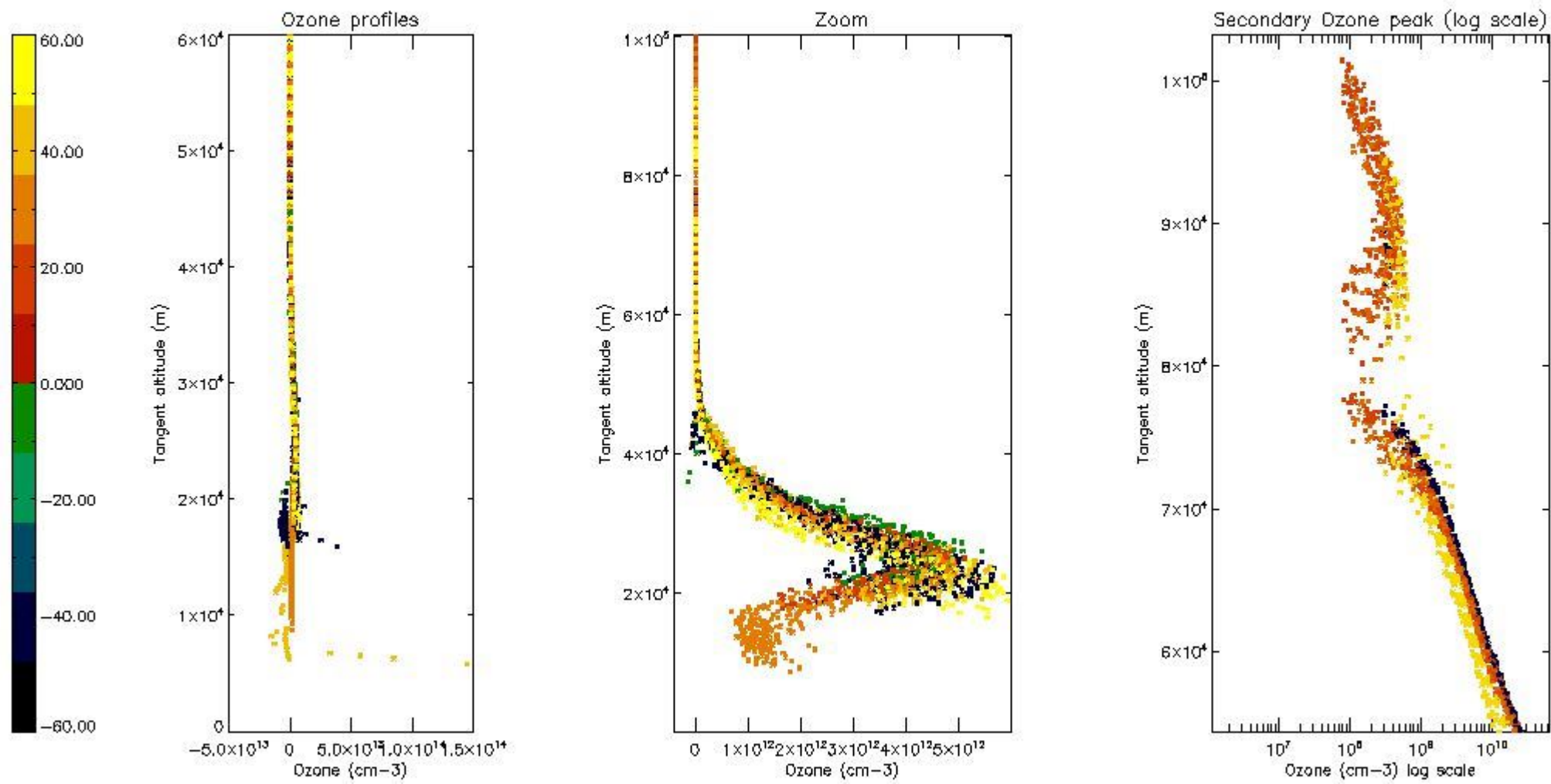
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



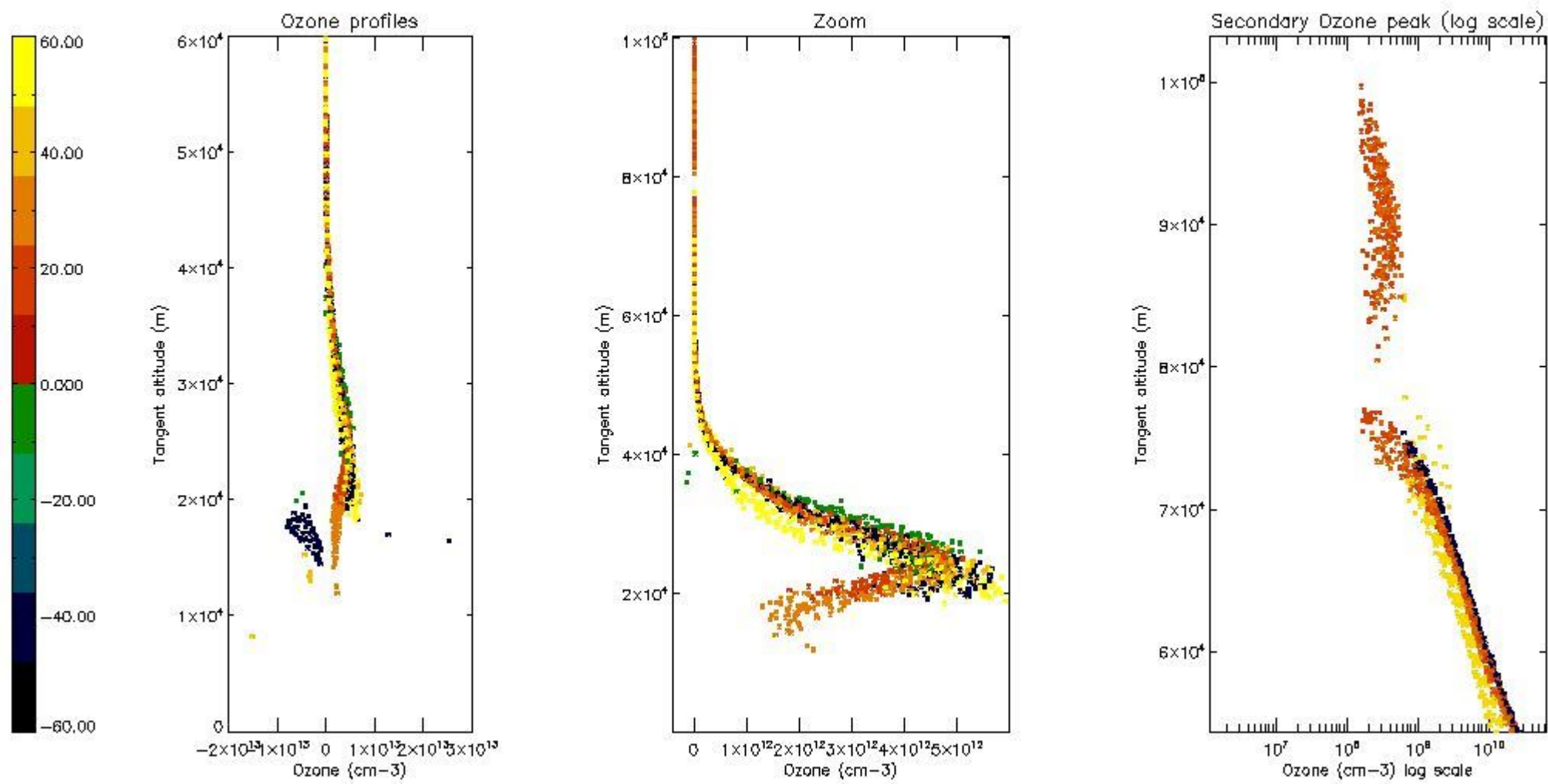
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



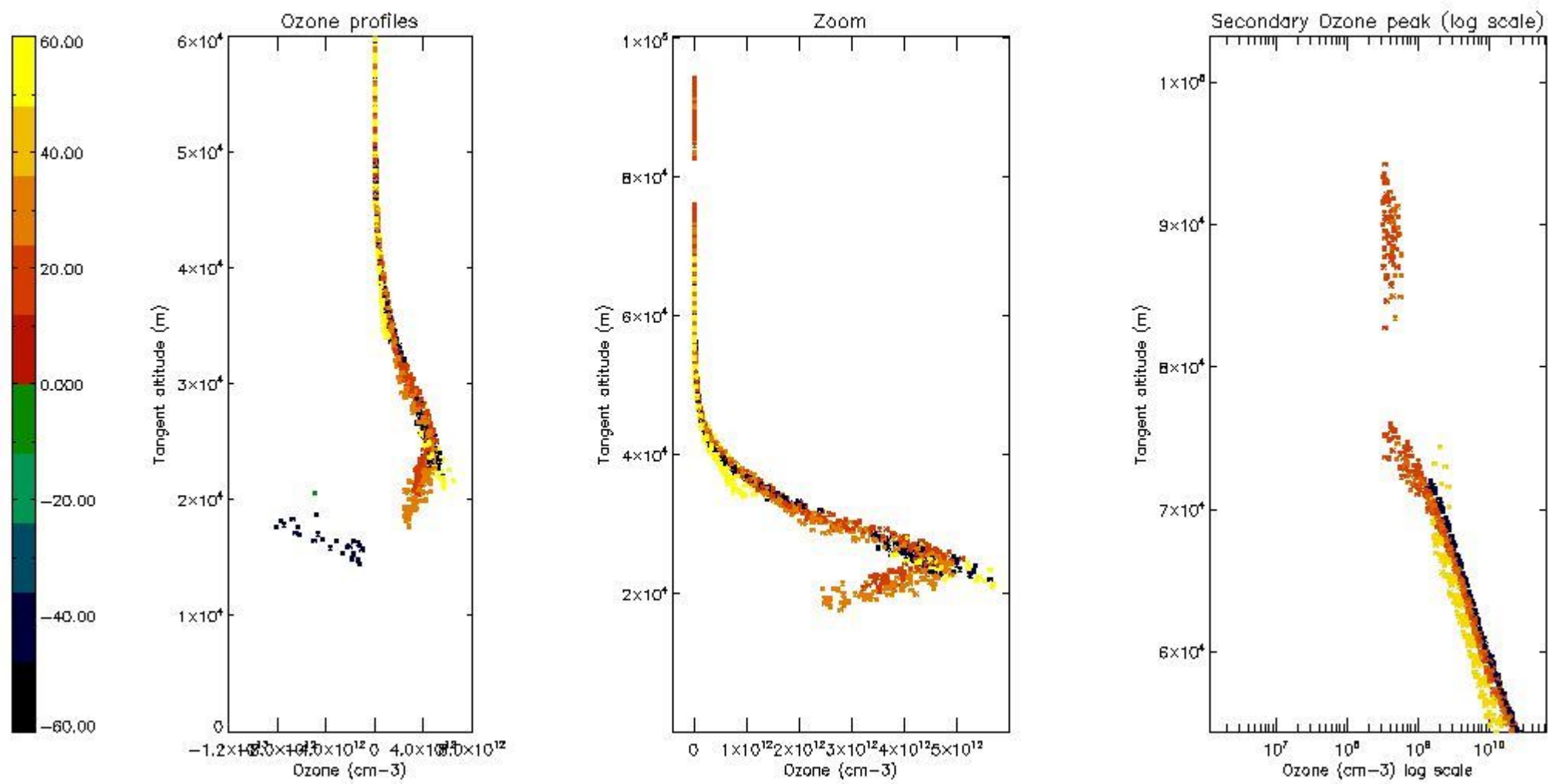
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



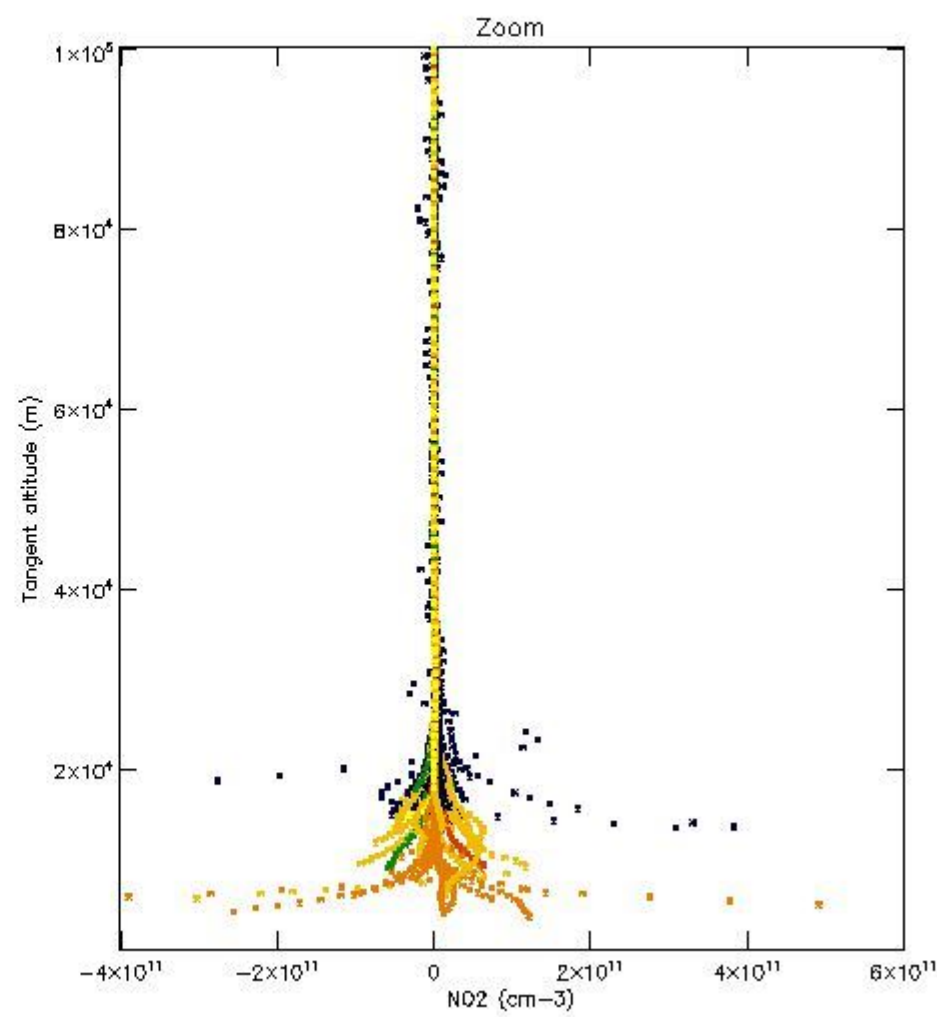
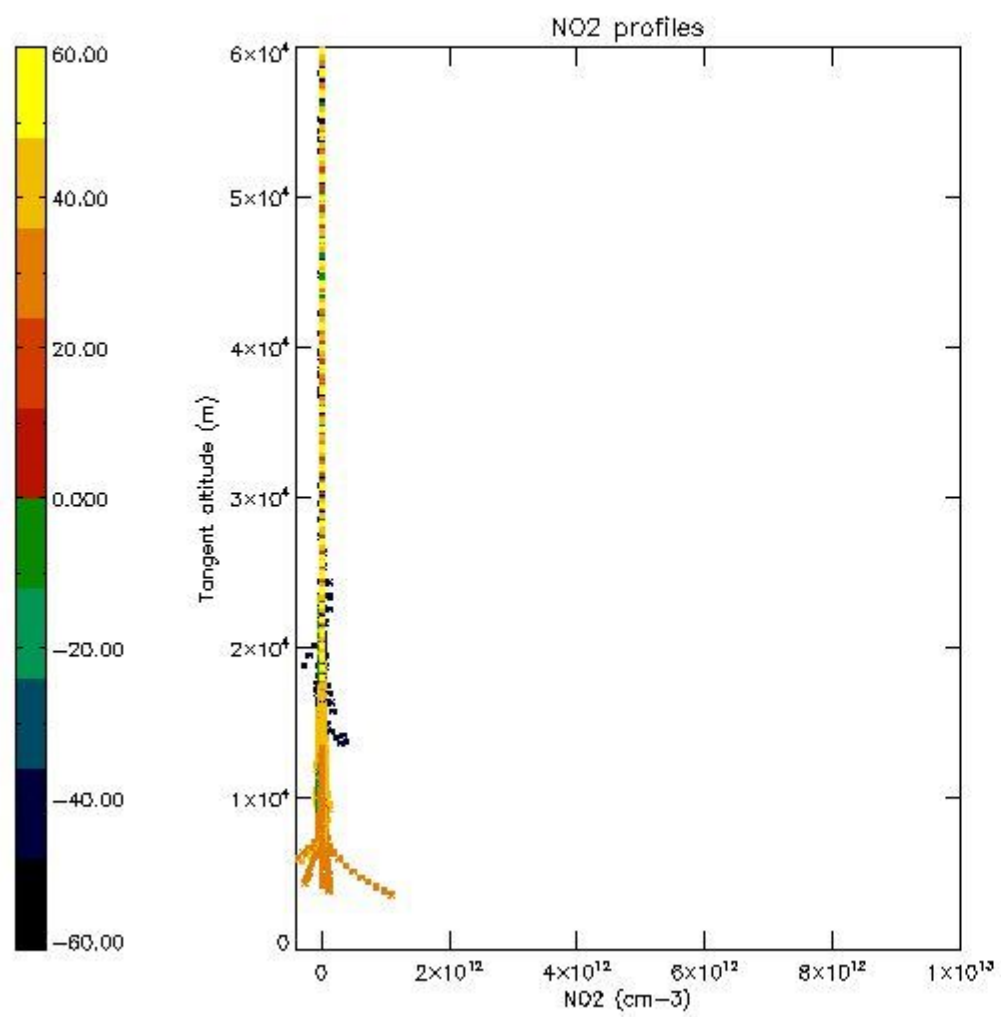
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



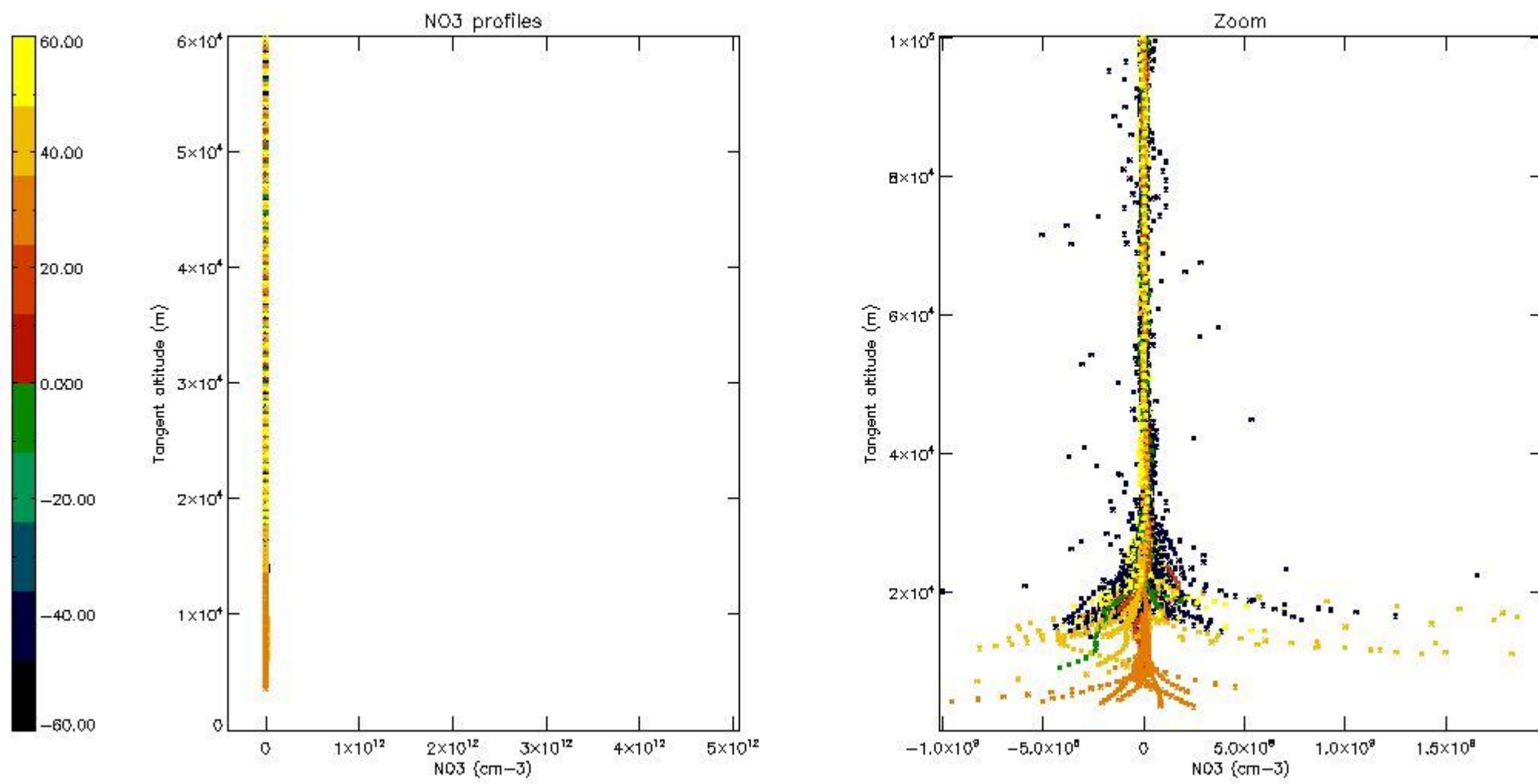
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



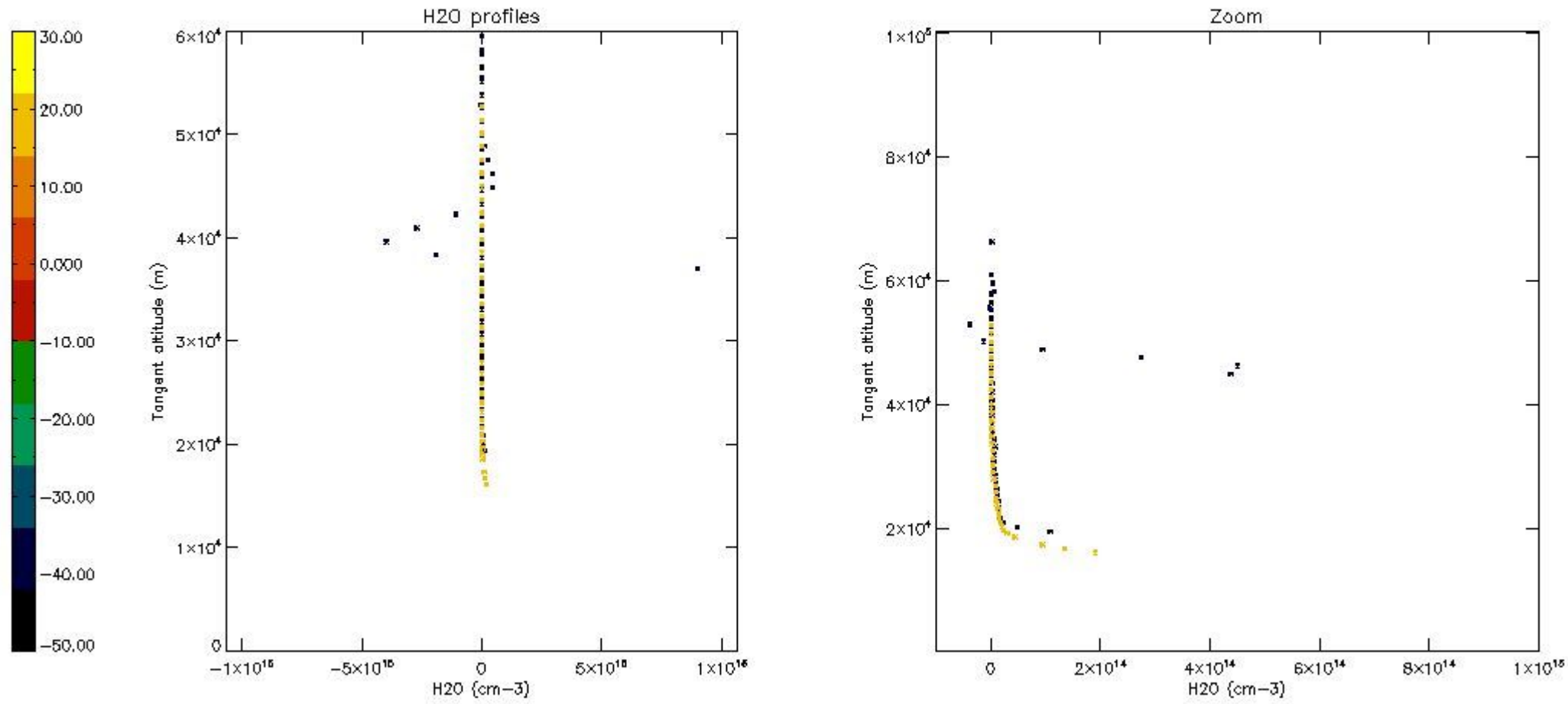
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

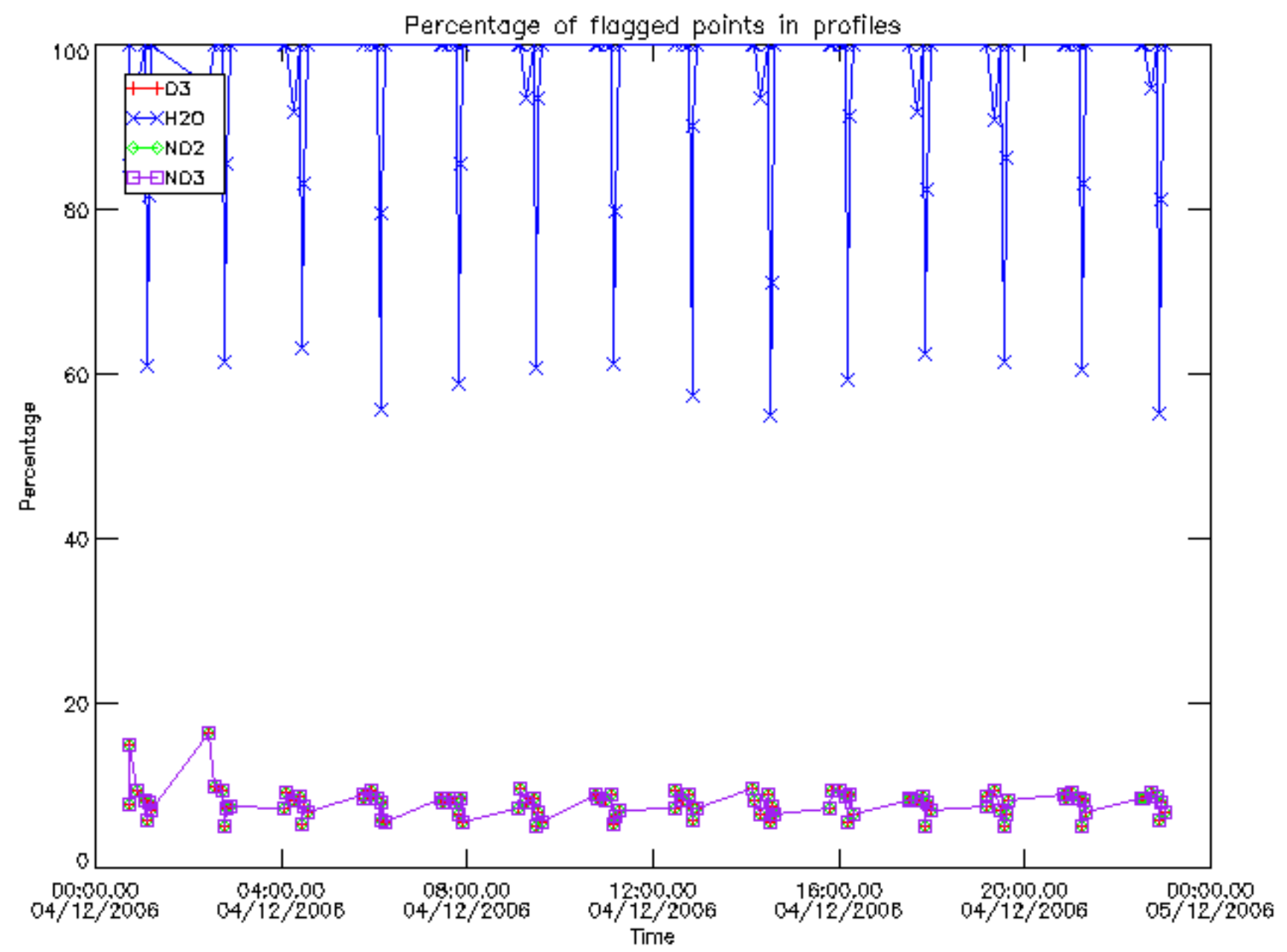
The colorbar represents the latitude.



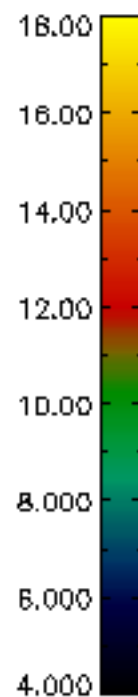
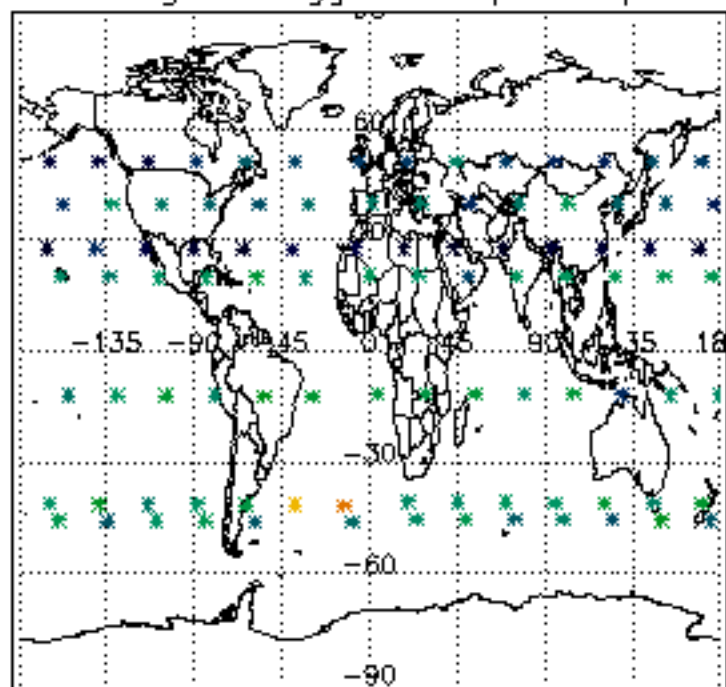
6. Auxiliary Data Files used for the production reported in section 2

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

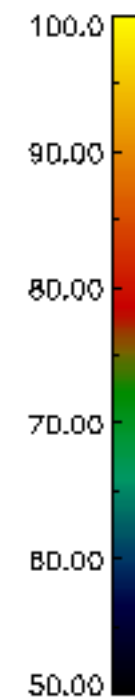
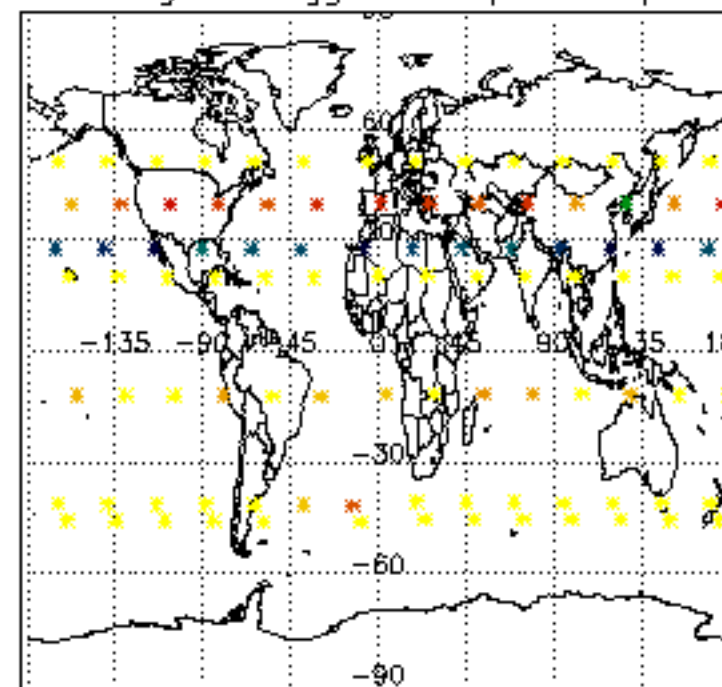
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	04-DEC-2006 00:15:05
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-DEC-2006 00:15:05
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-DEC-2006 00:15:05



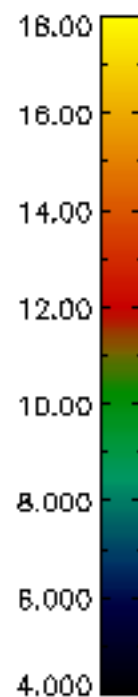
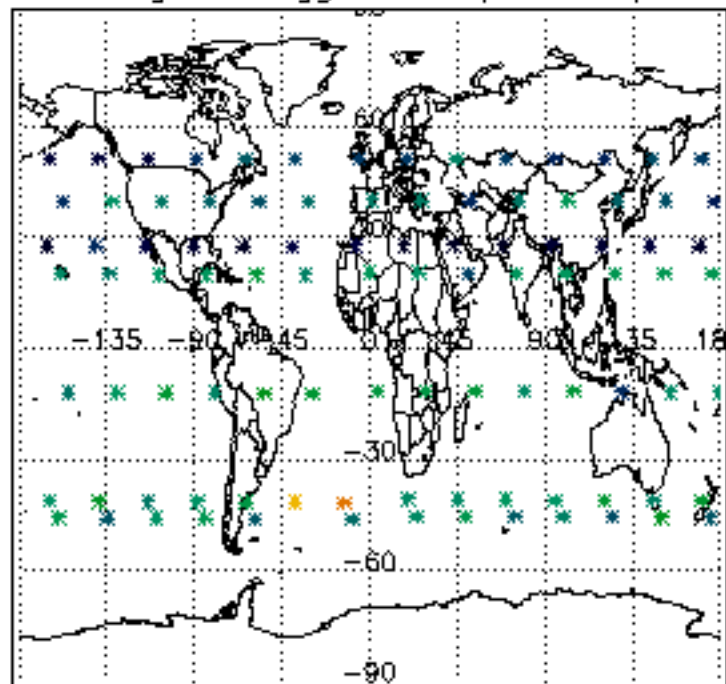
Percentage of flagged data per D3 profile



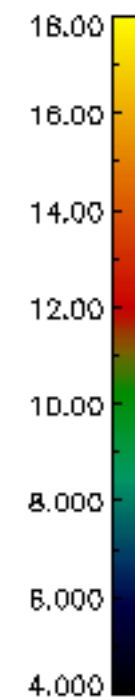
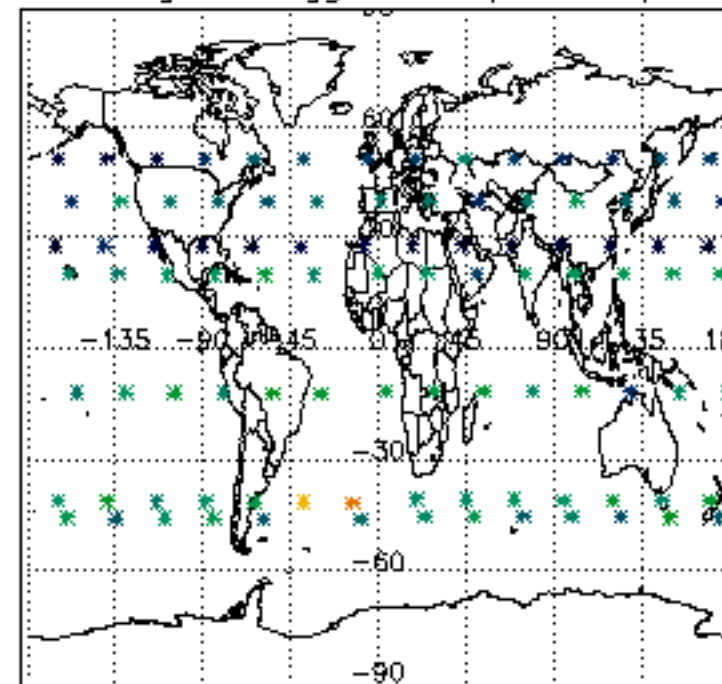
Percentage of flagged data per H2O profile

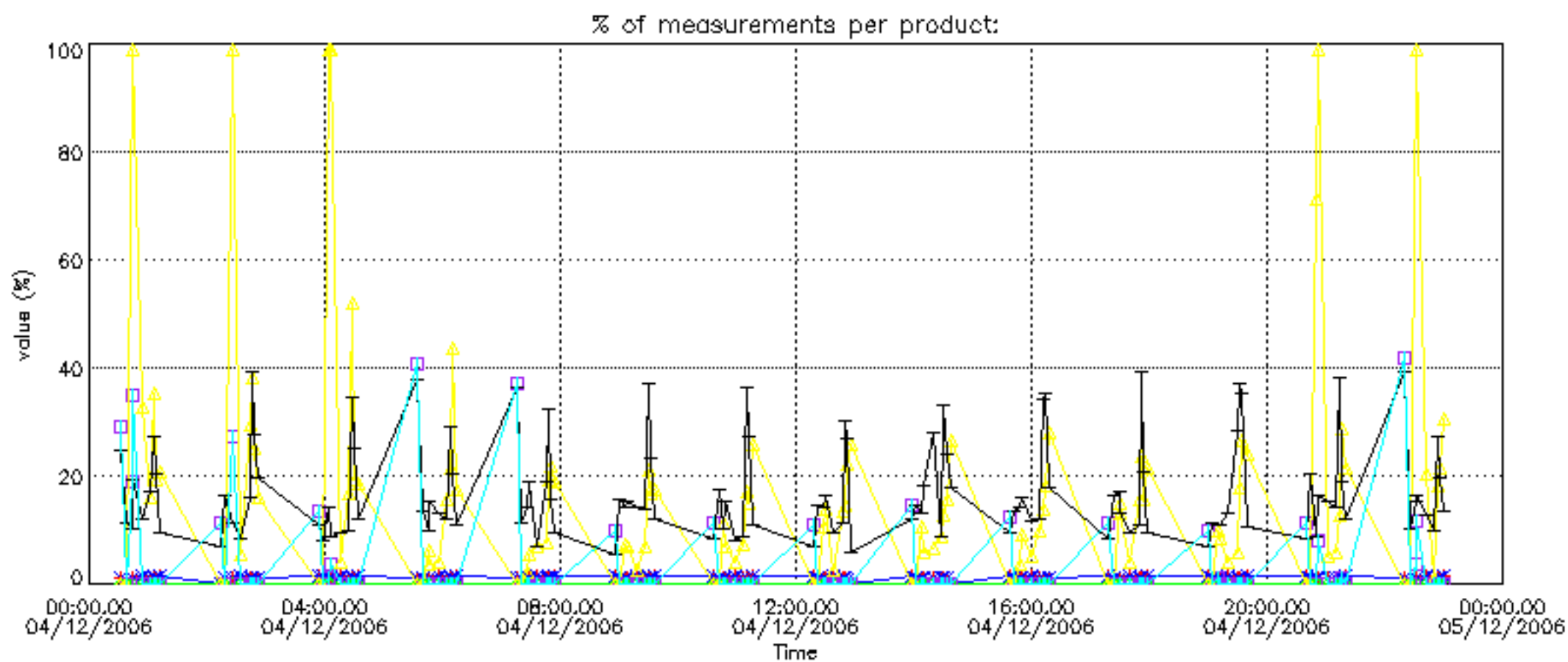


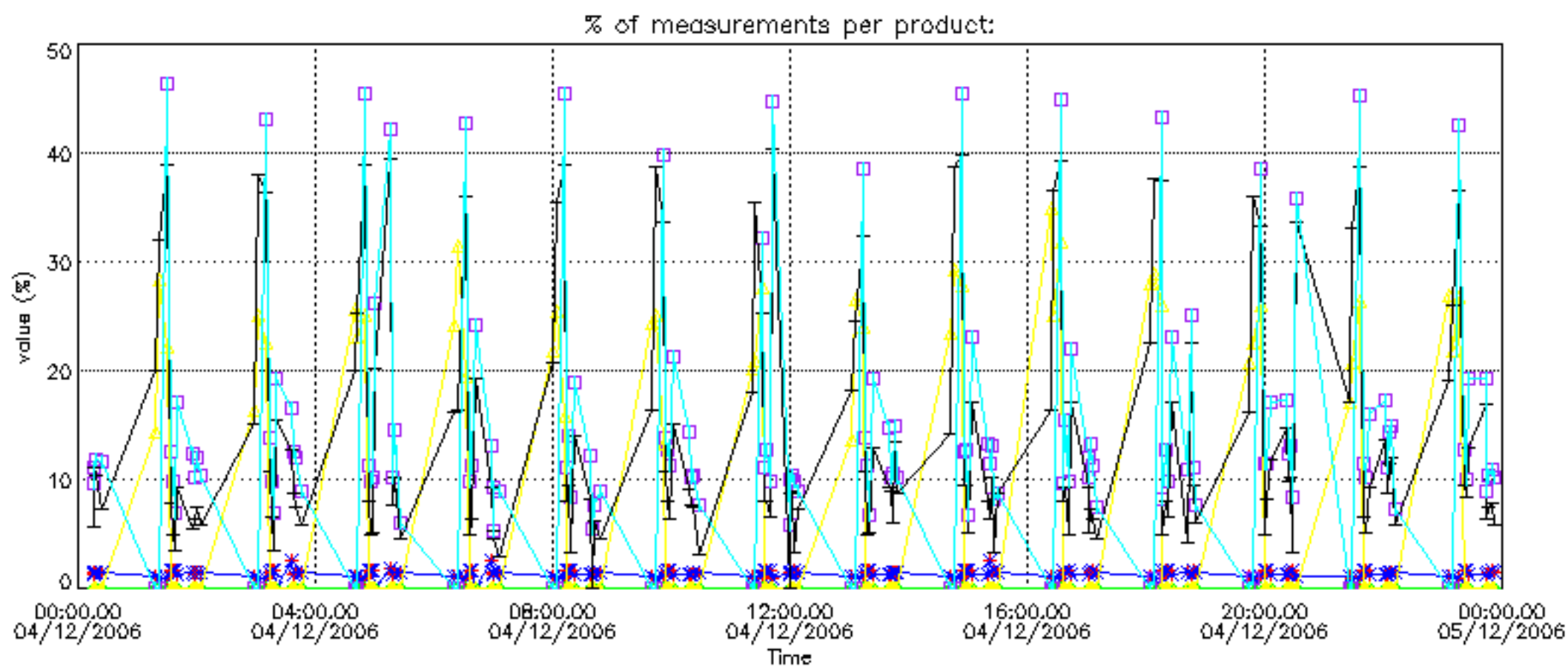
Percentage of flagged data per NO2 profile



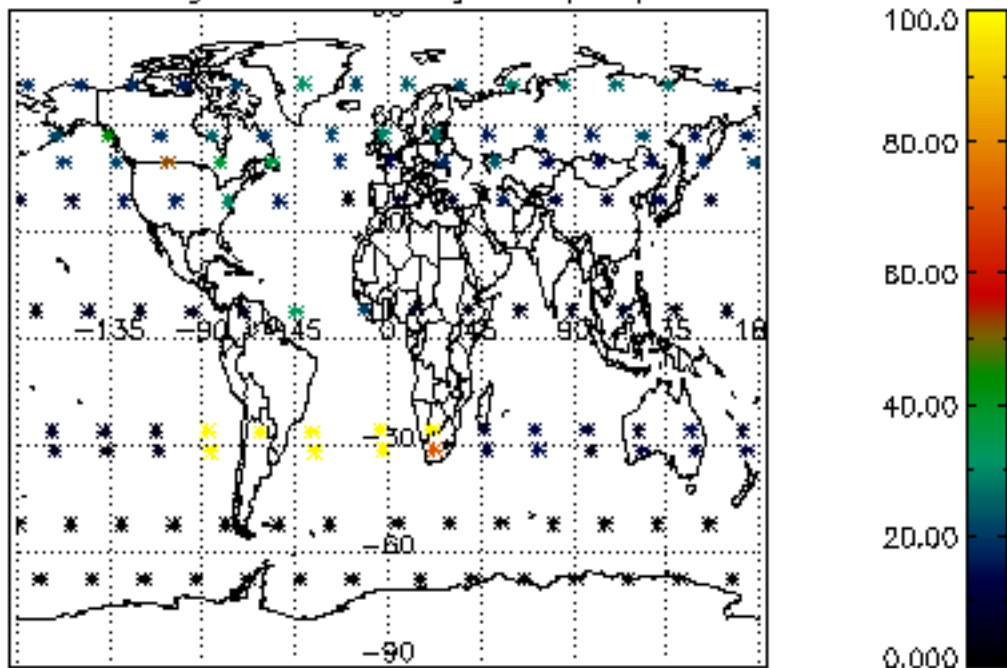
Percentage of flagged data per NO3 profile



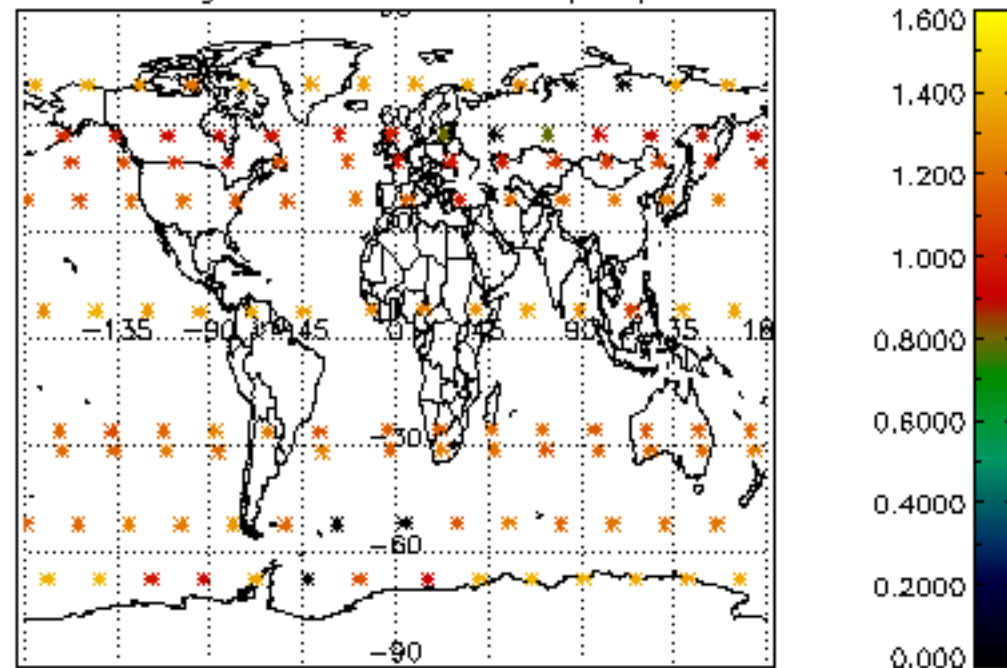




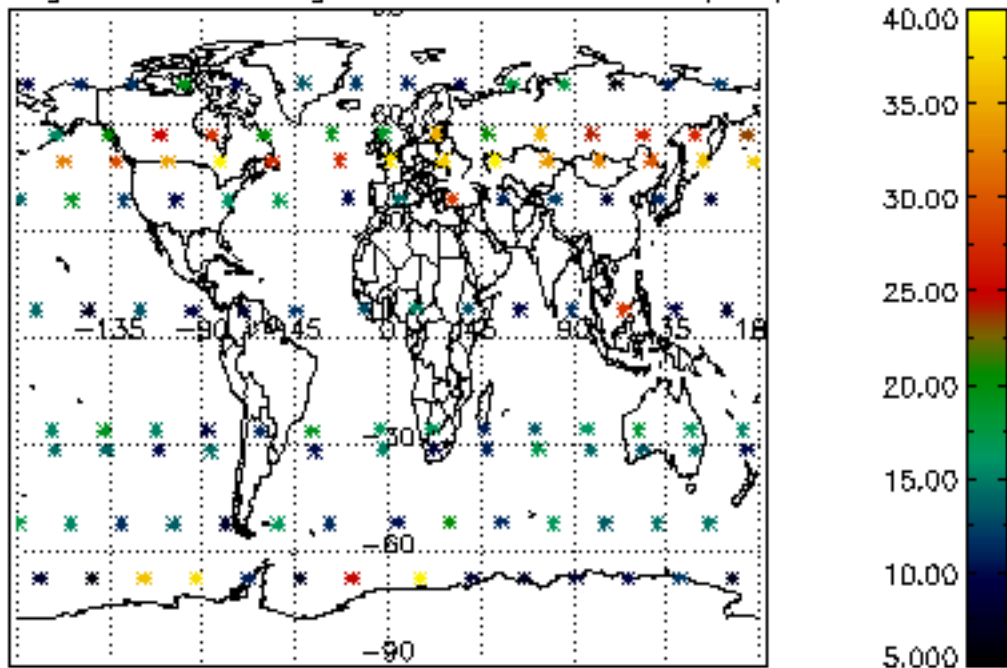
Percentage of cosmic ray hits per profile



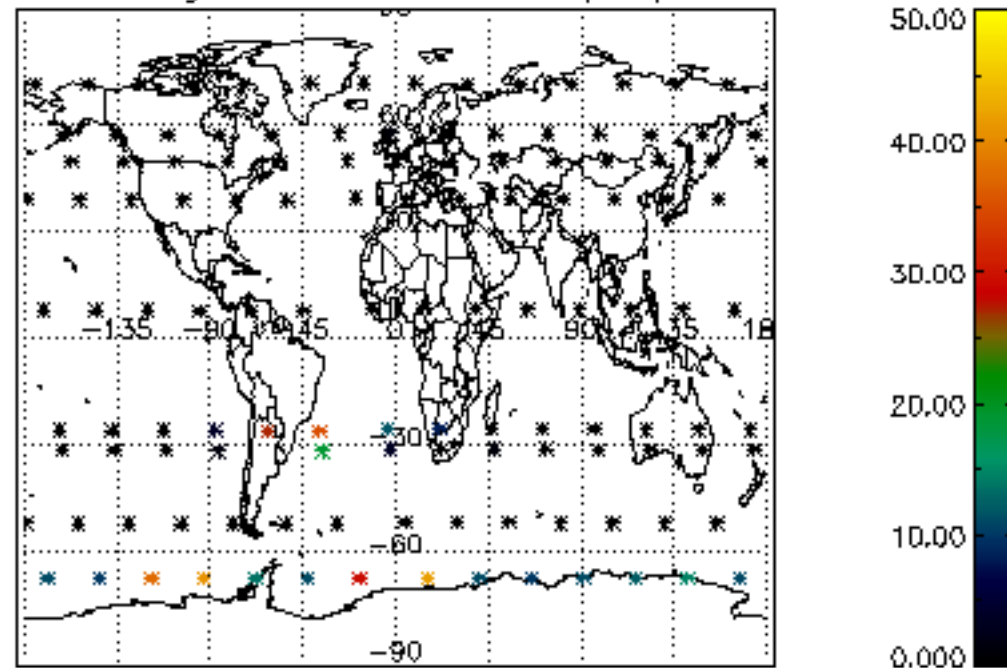
Percentage of datation errors per profile



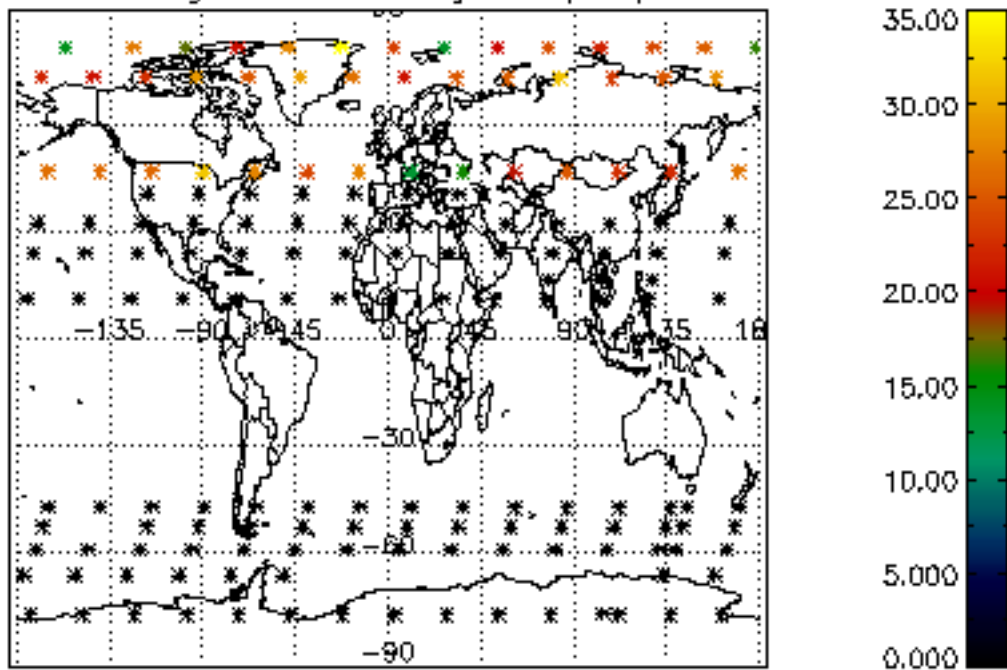
Percentage of star falling outside central band per profile



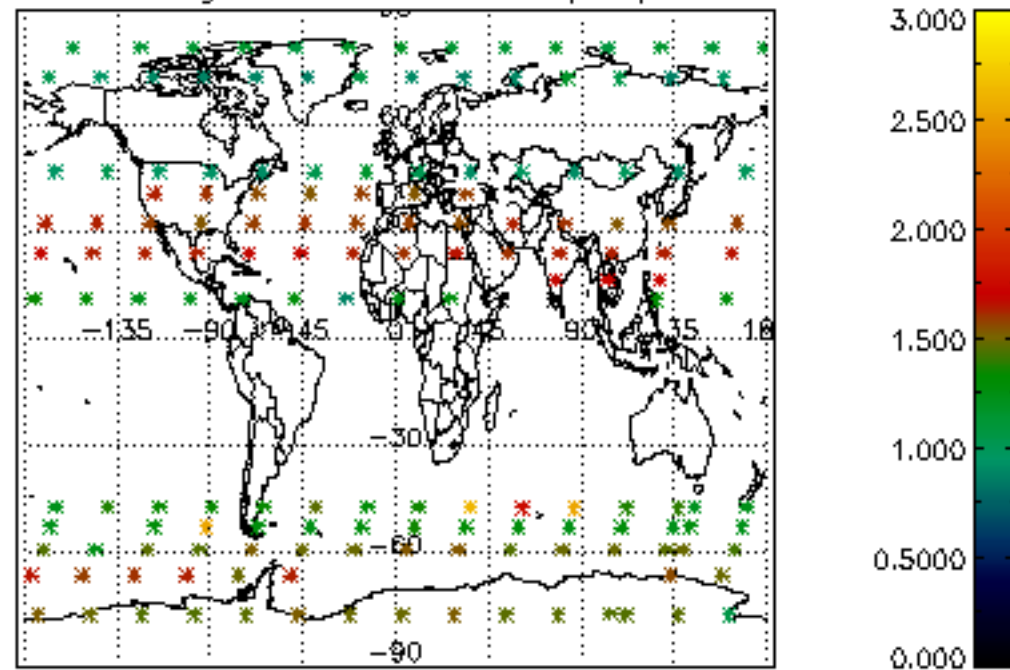
Percentage of saturation errors per profile



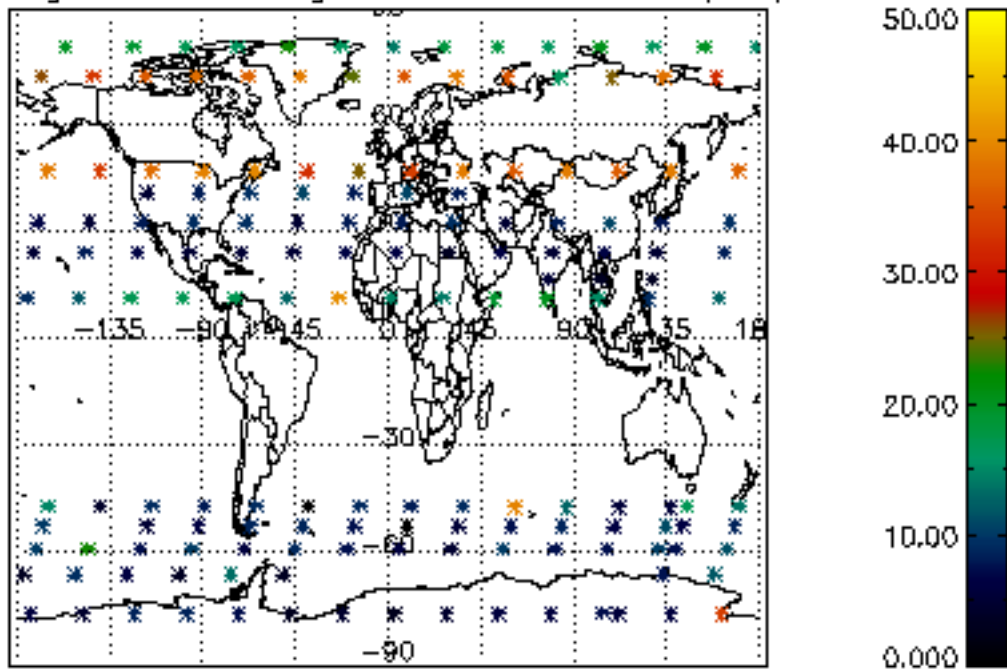
Percentage of cosmic ray hits per profile



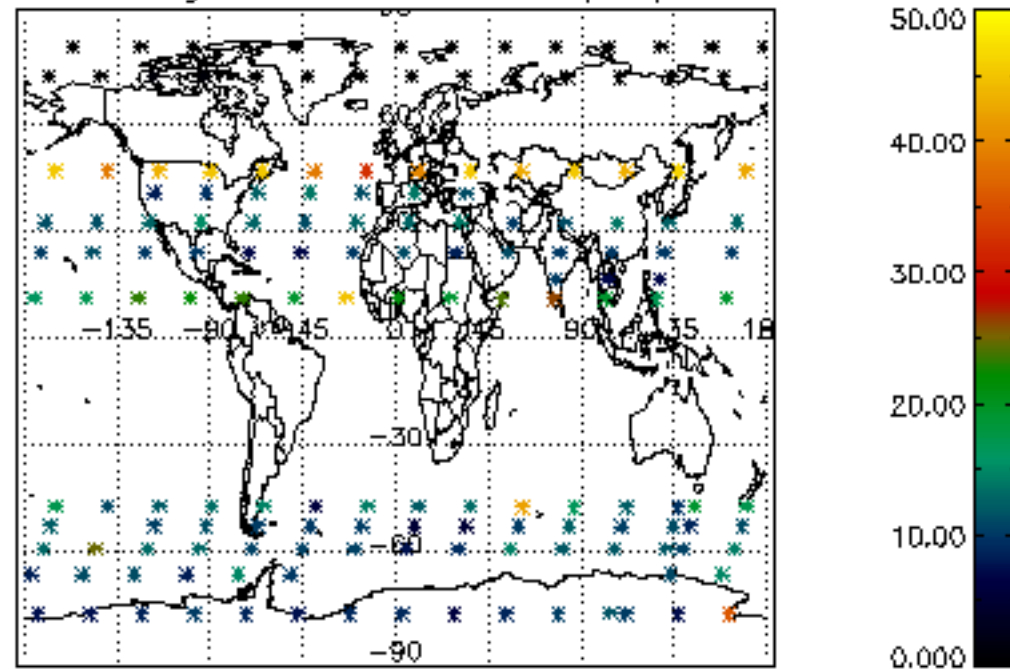
Percentage of datation errors per profile

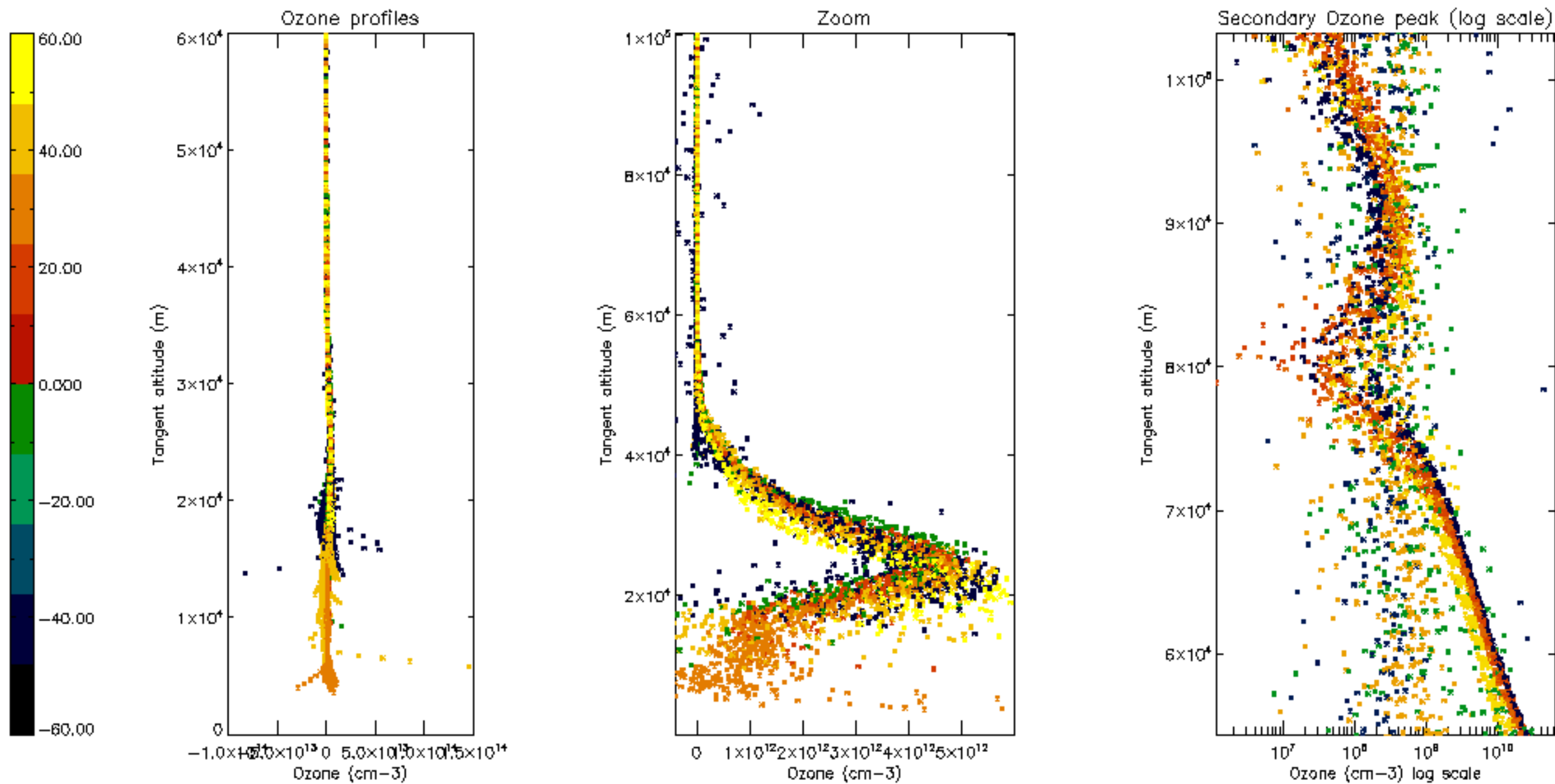


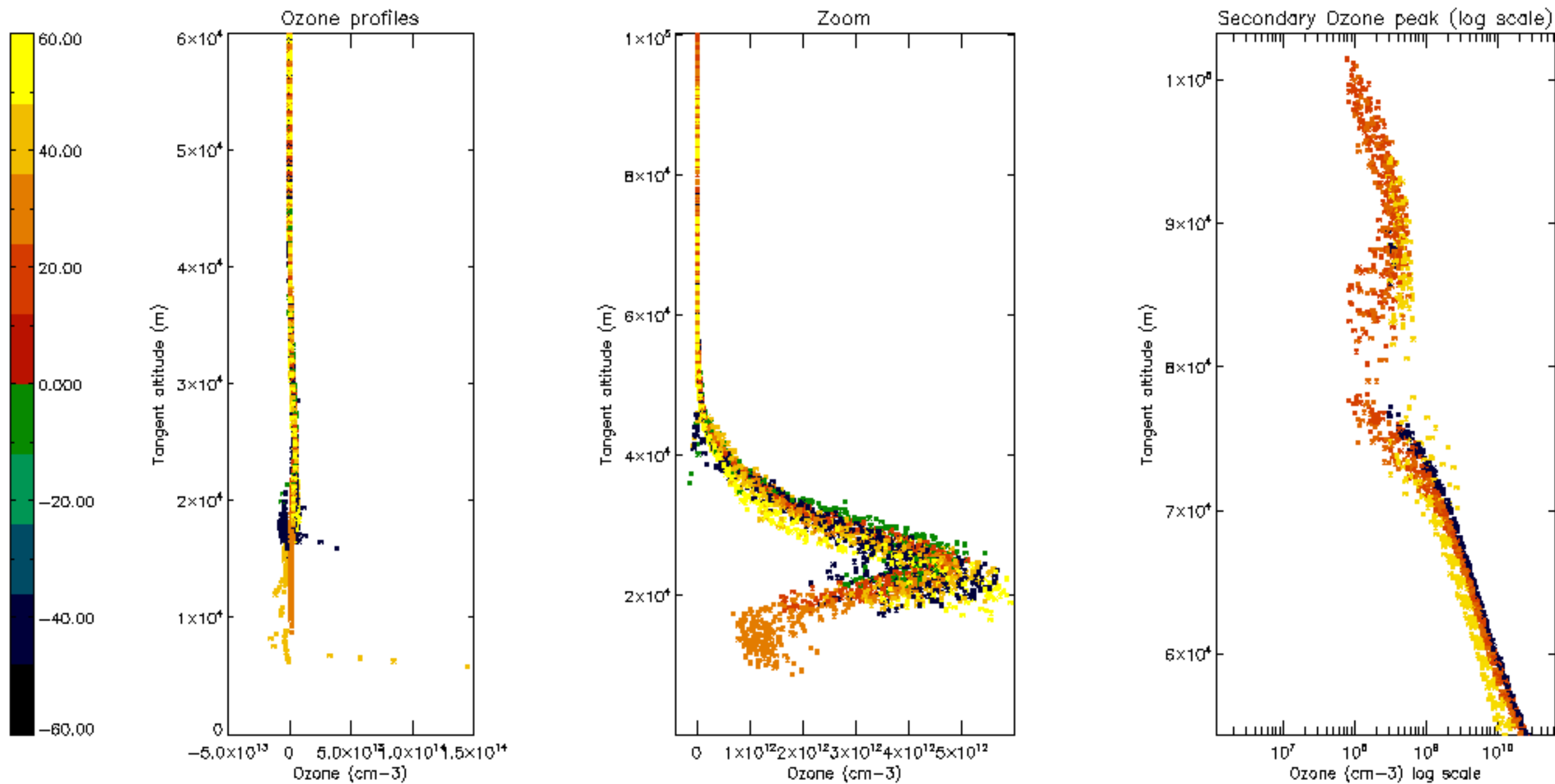
Percentage of star falling outside central band per profile

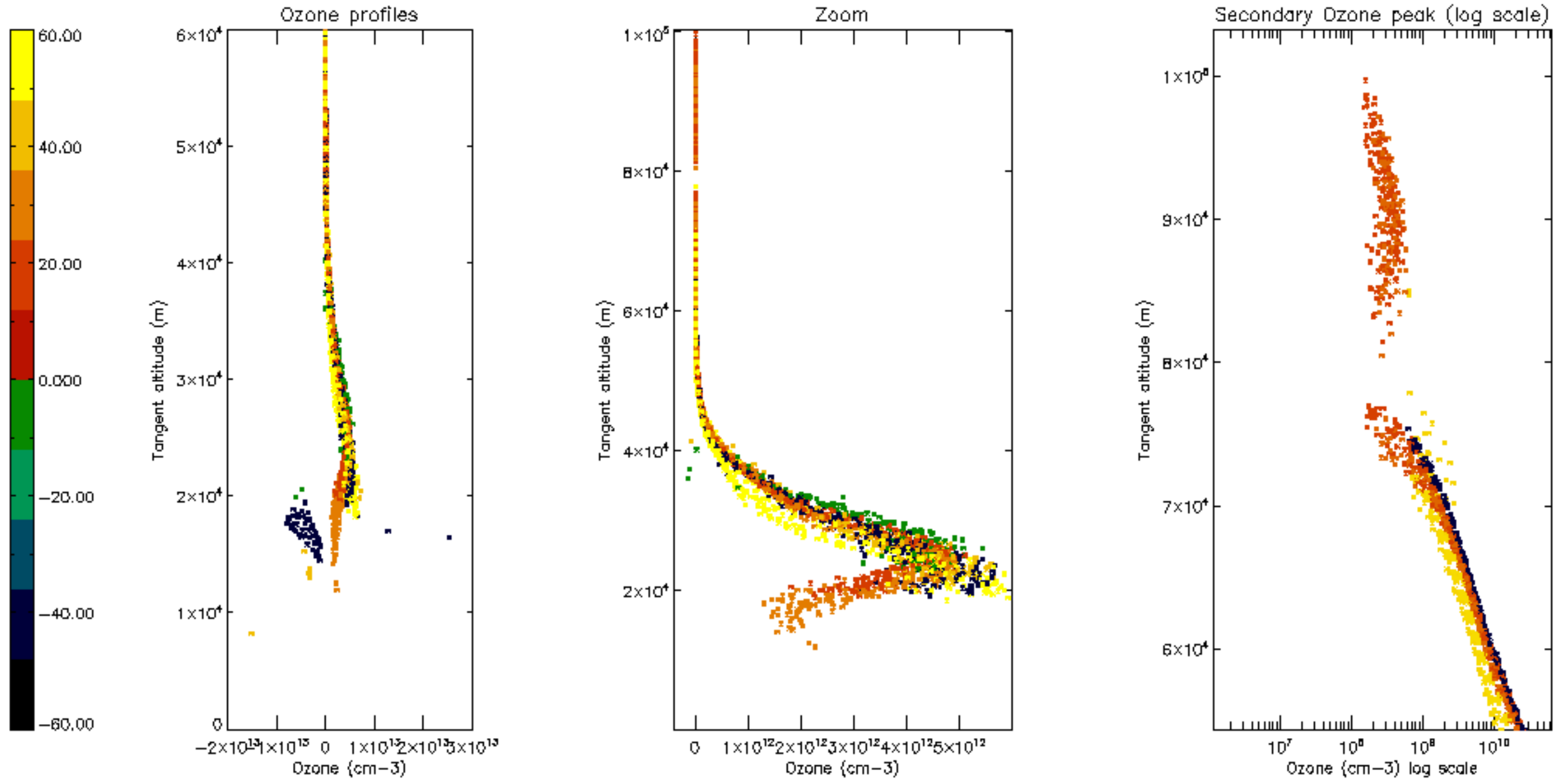


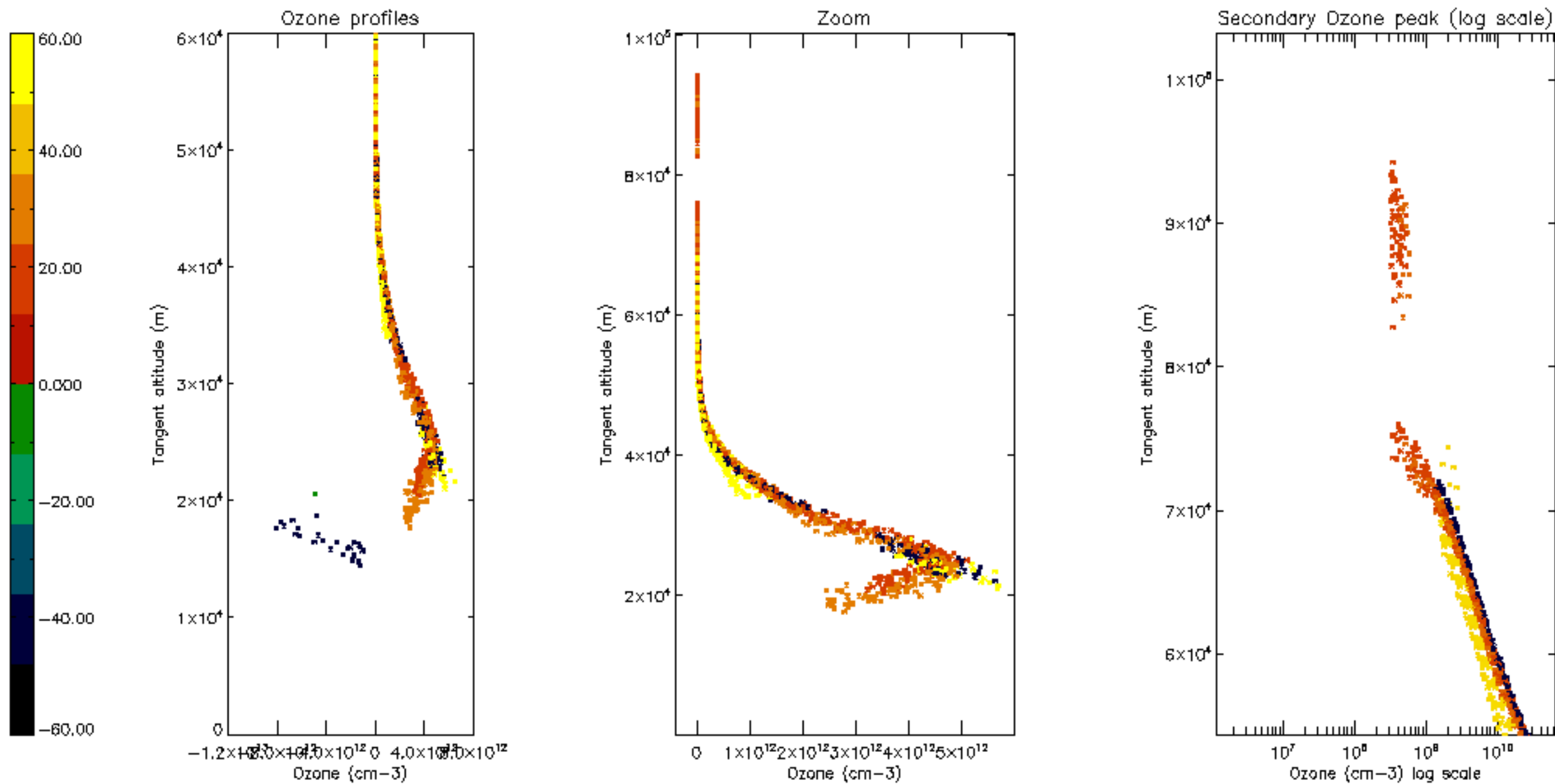
Percentage of saturation errors per profile

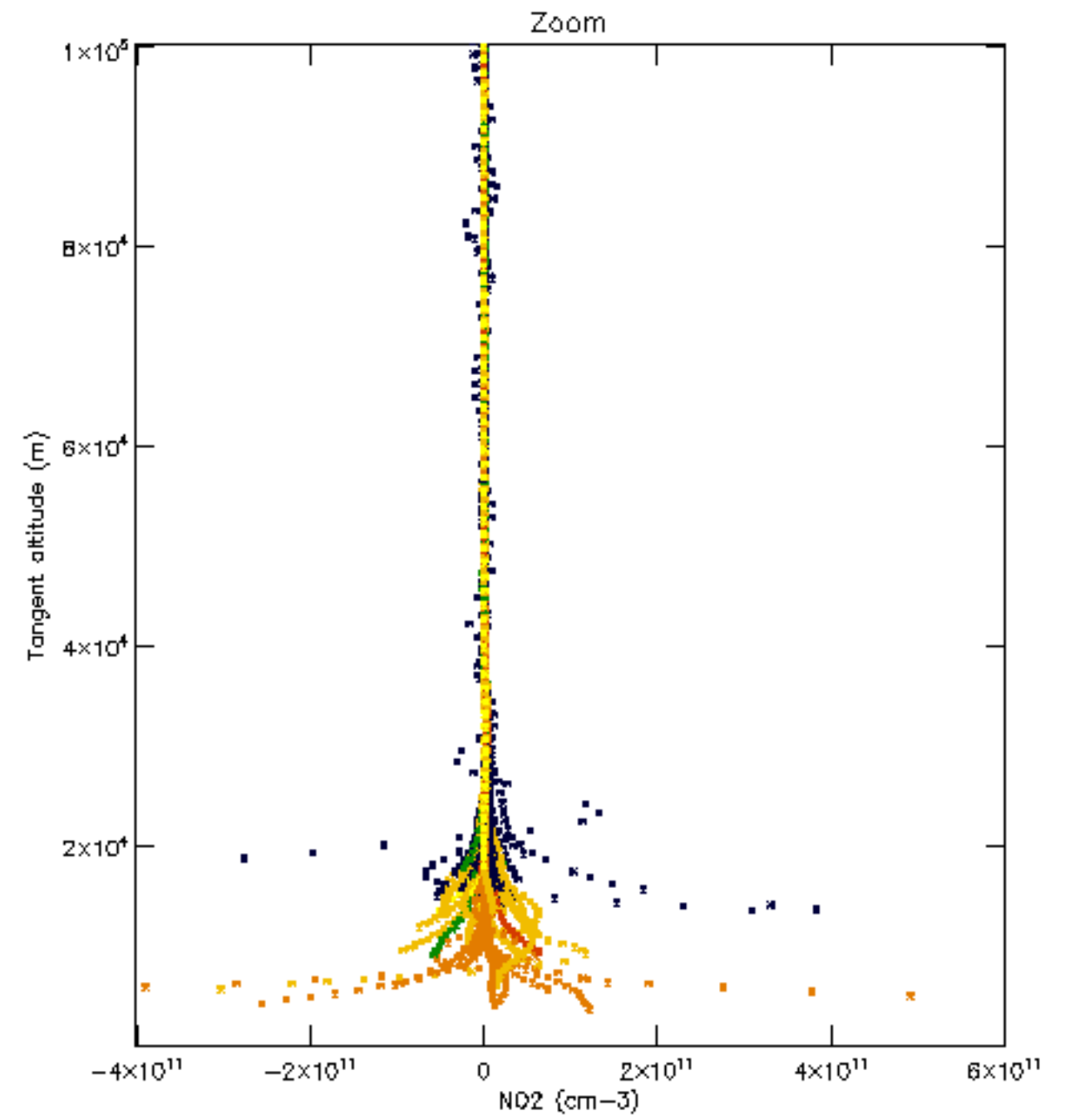
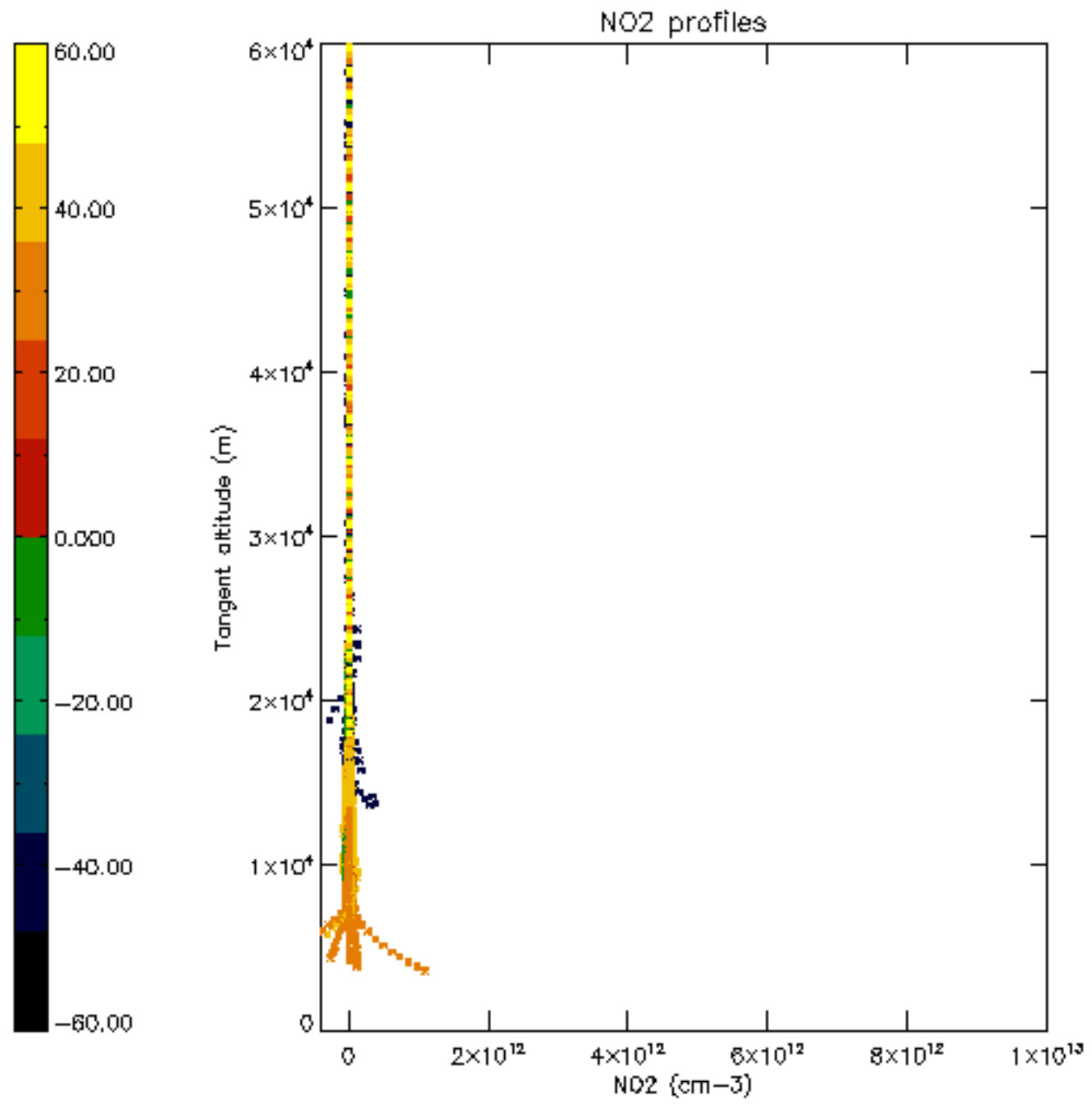


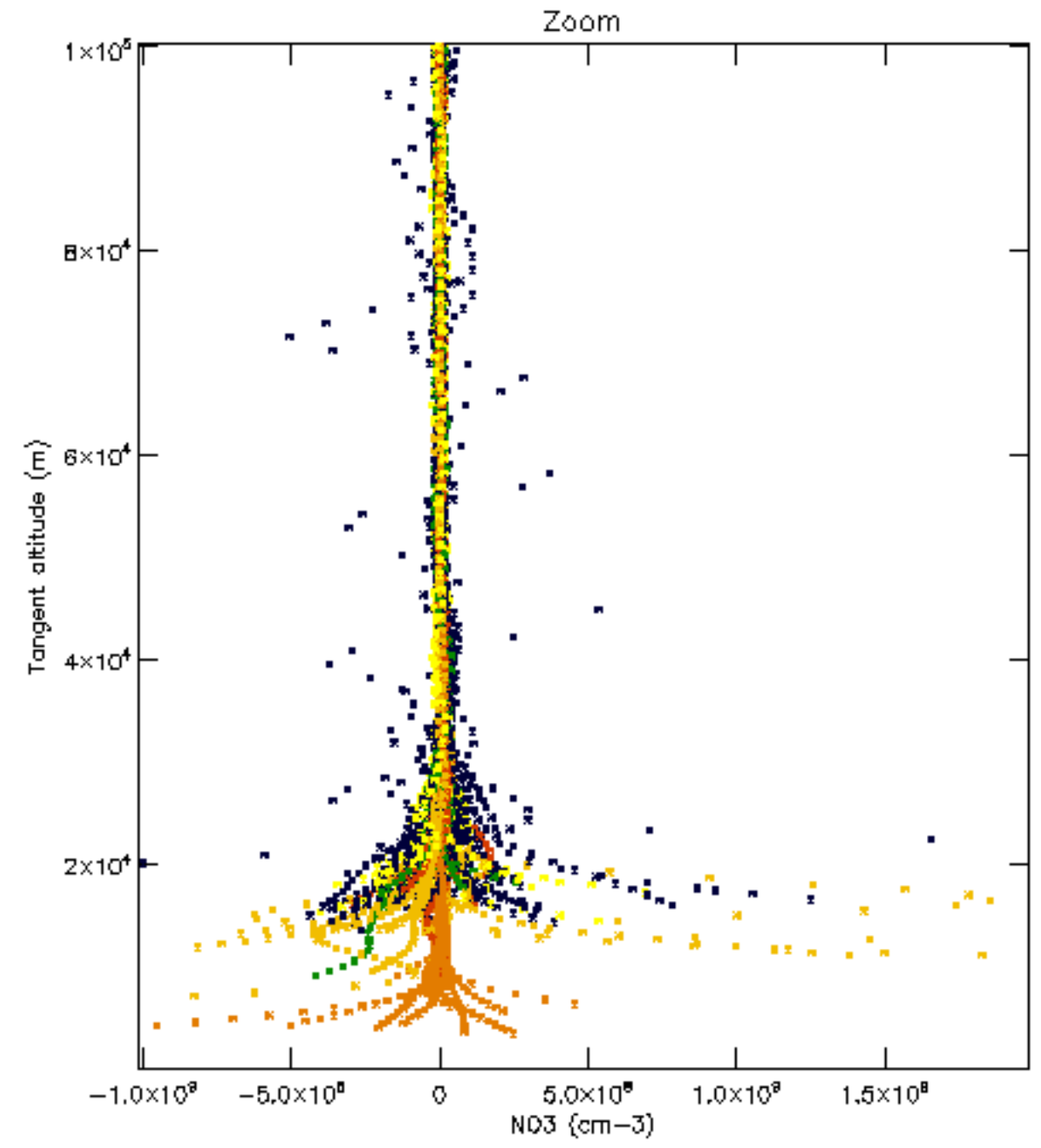
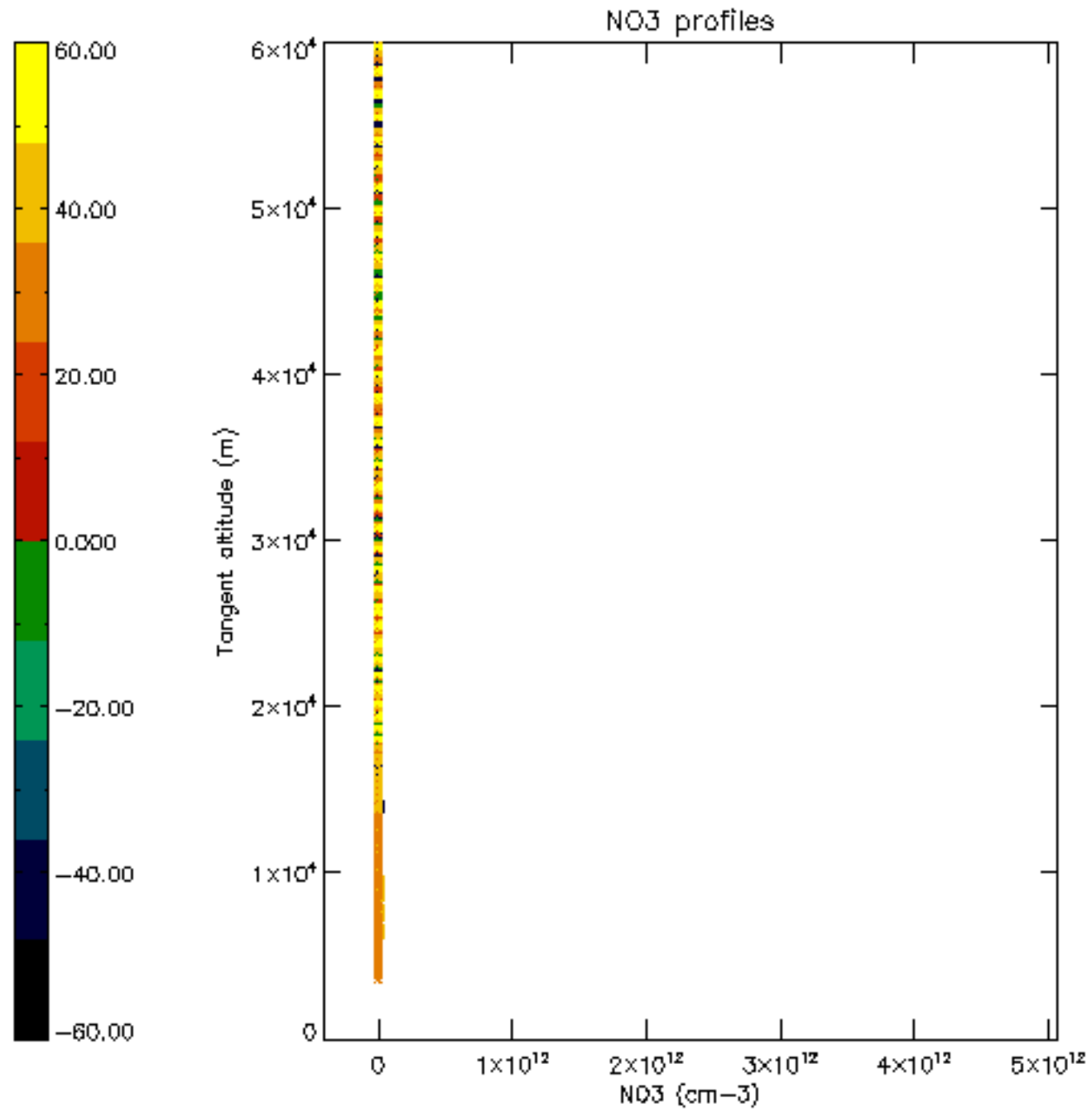


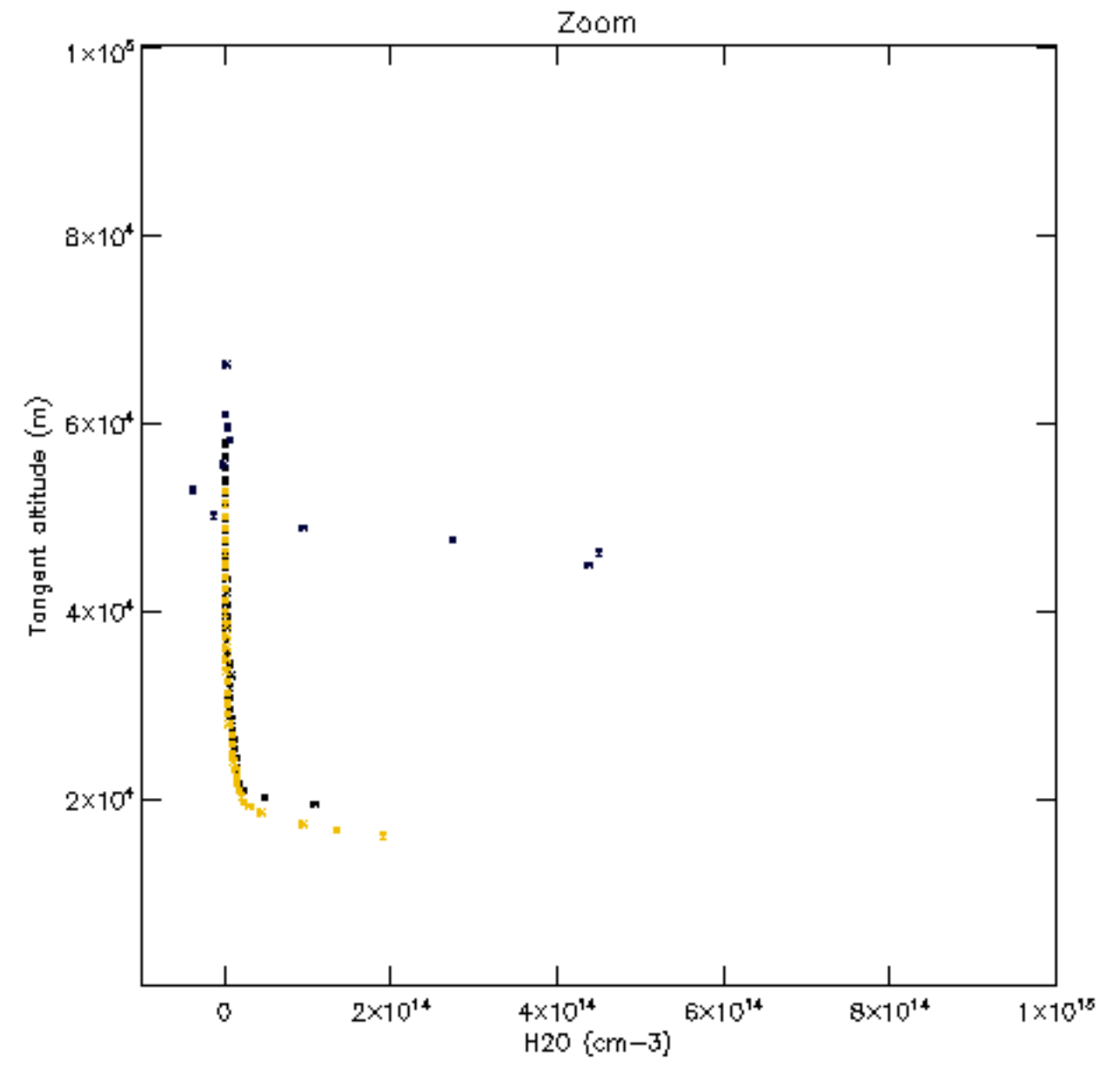
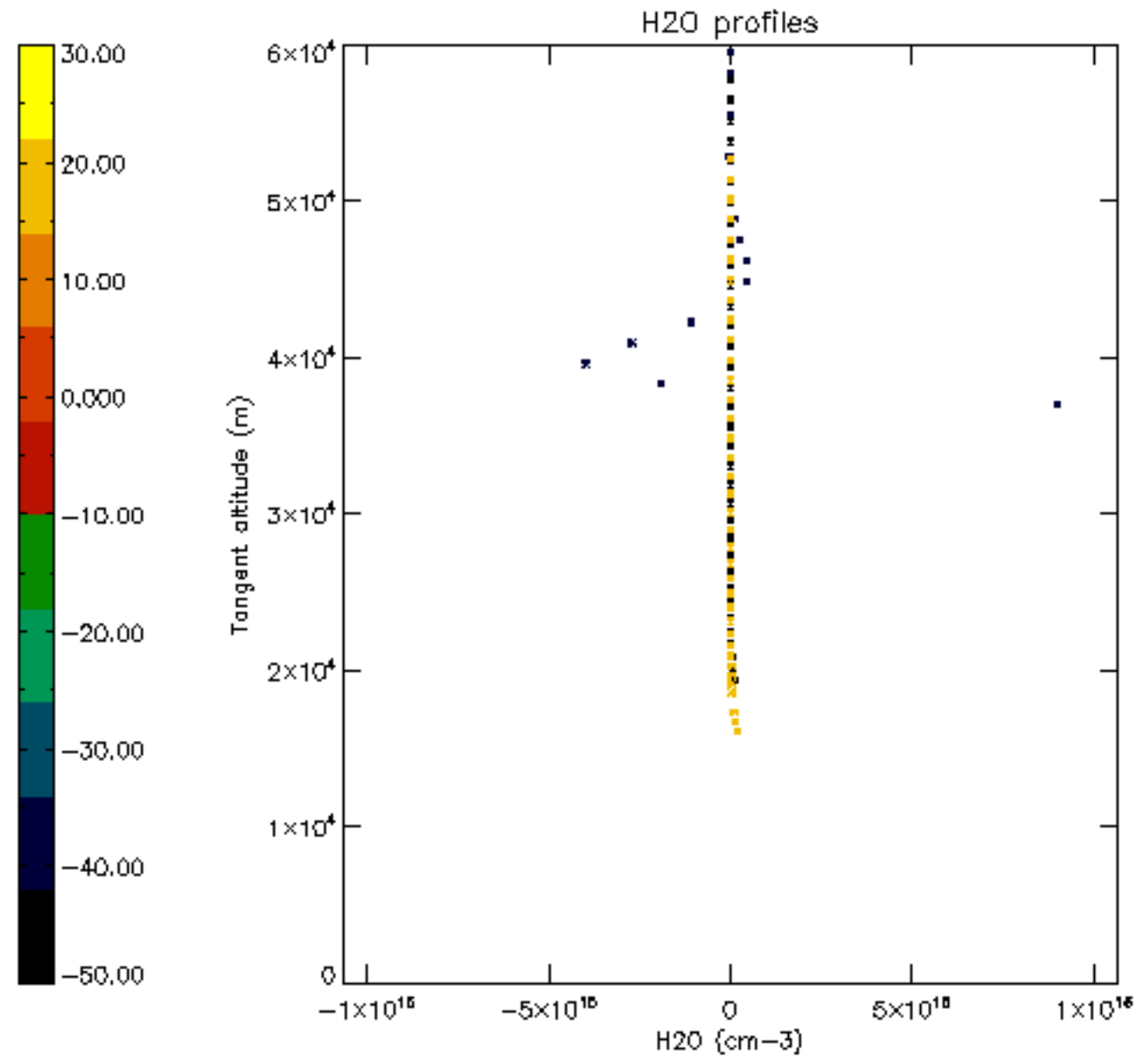


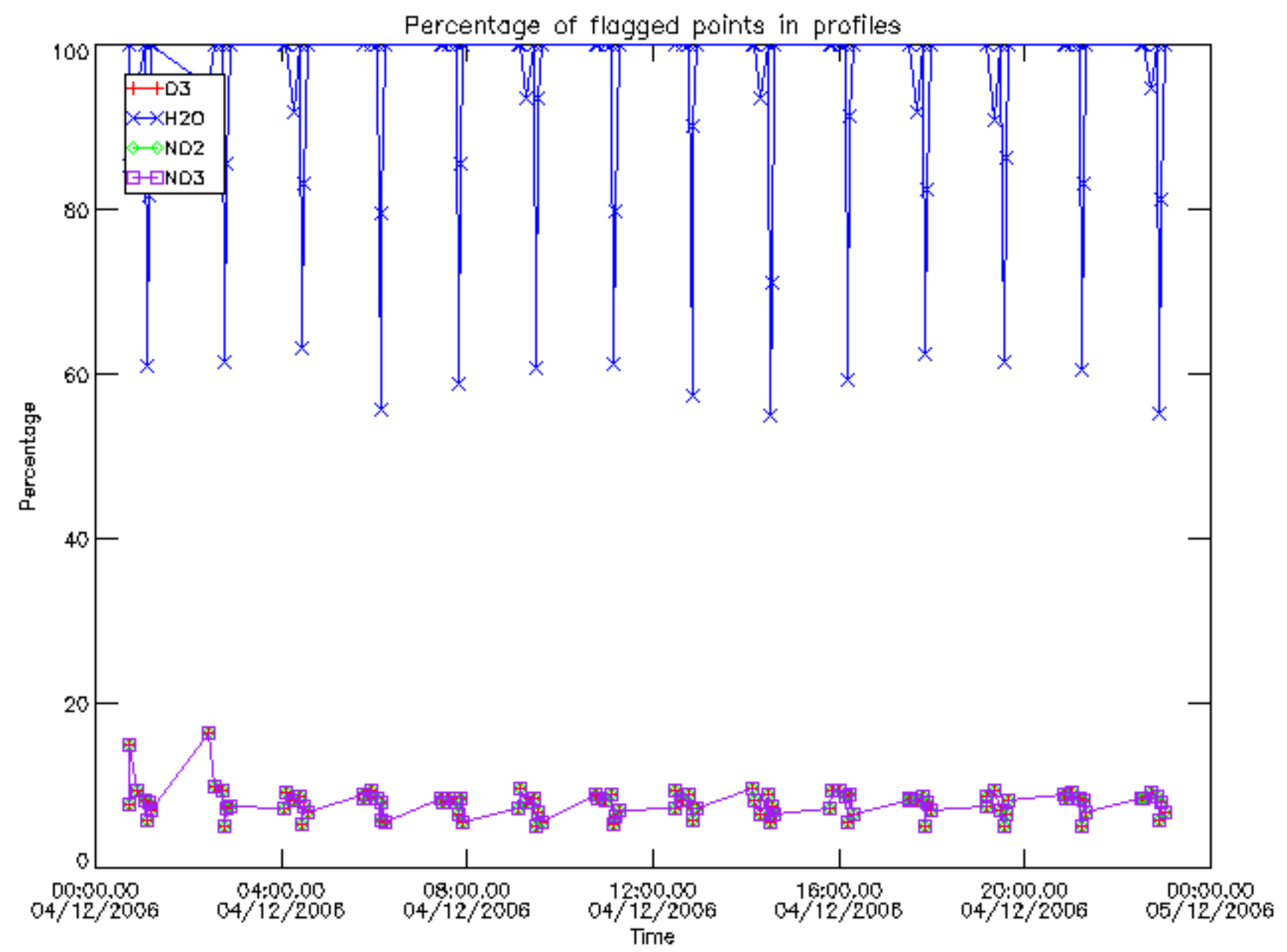




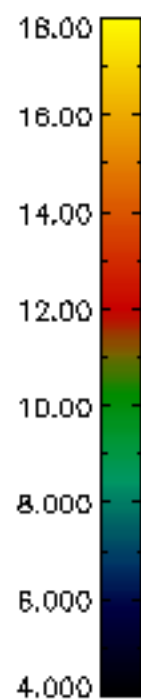
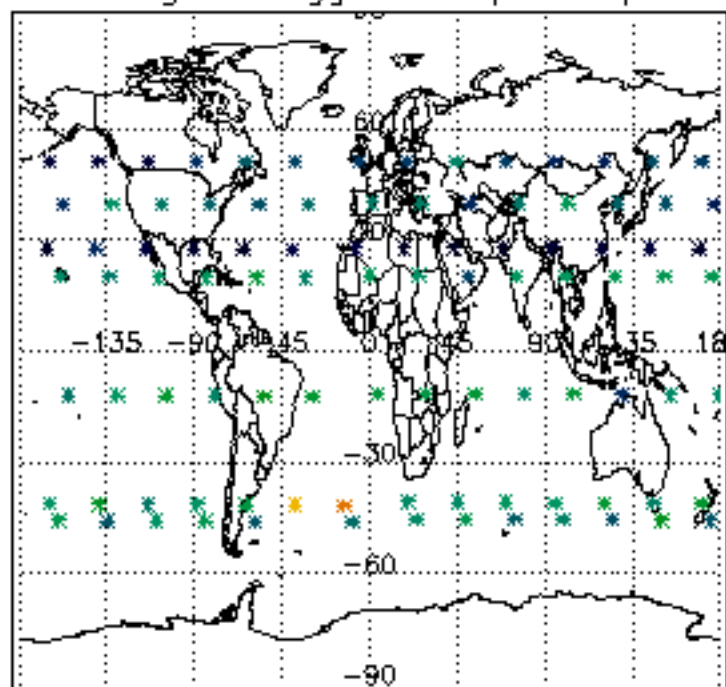




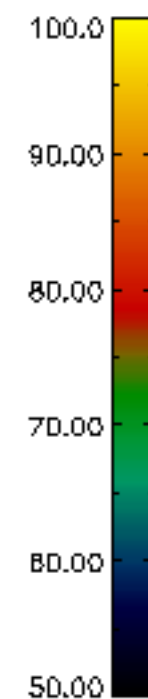
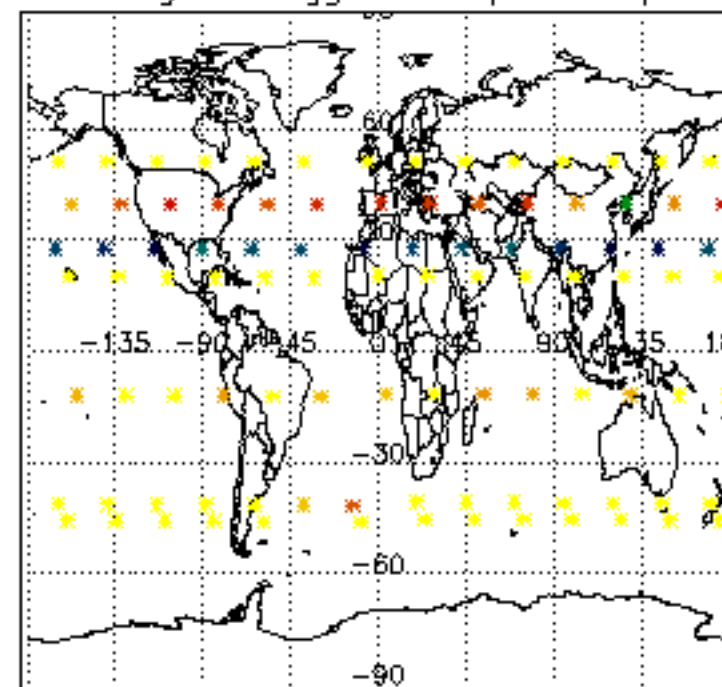




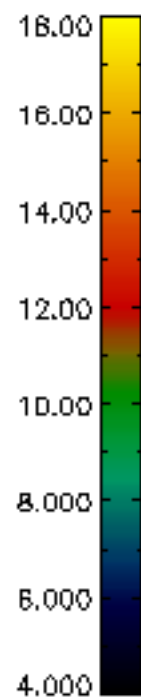
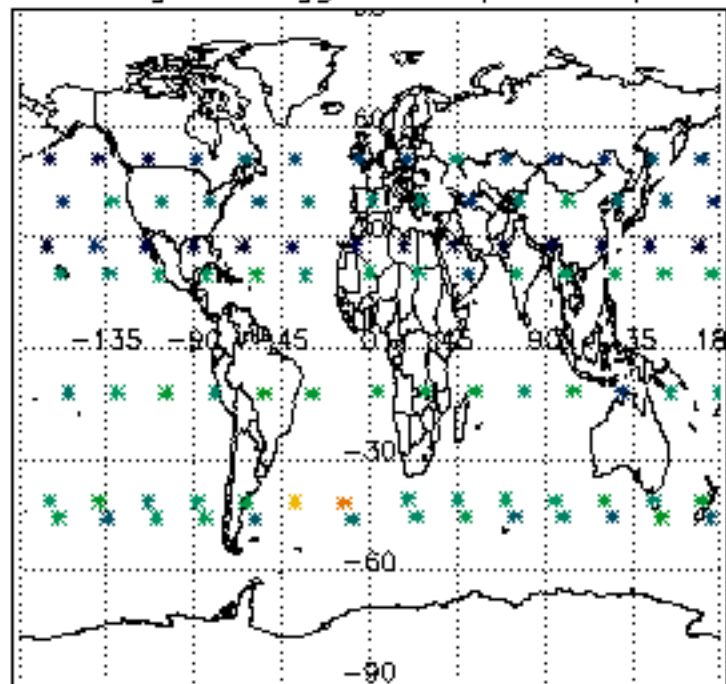
Percentage of flagged data per D3 profile



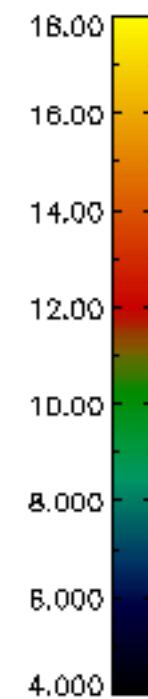
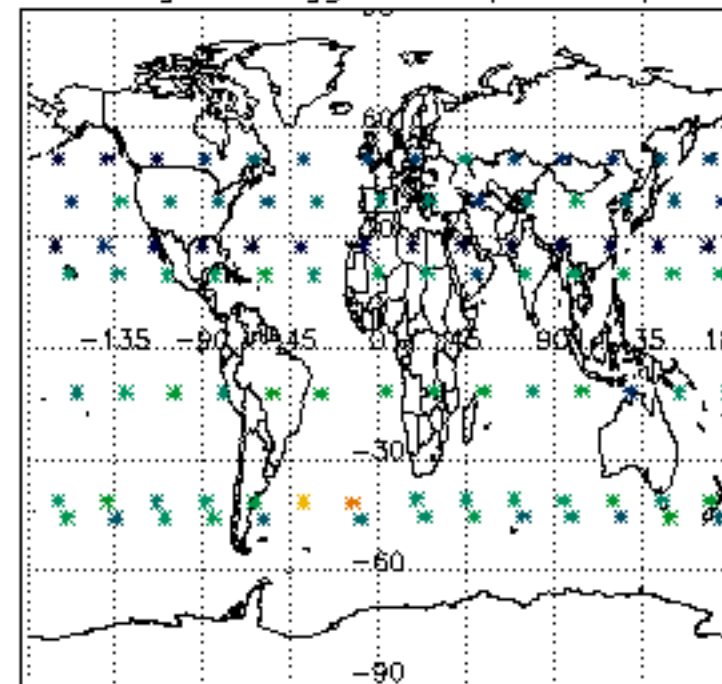
Percentage of flagged data per H2O profile

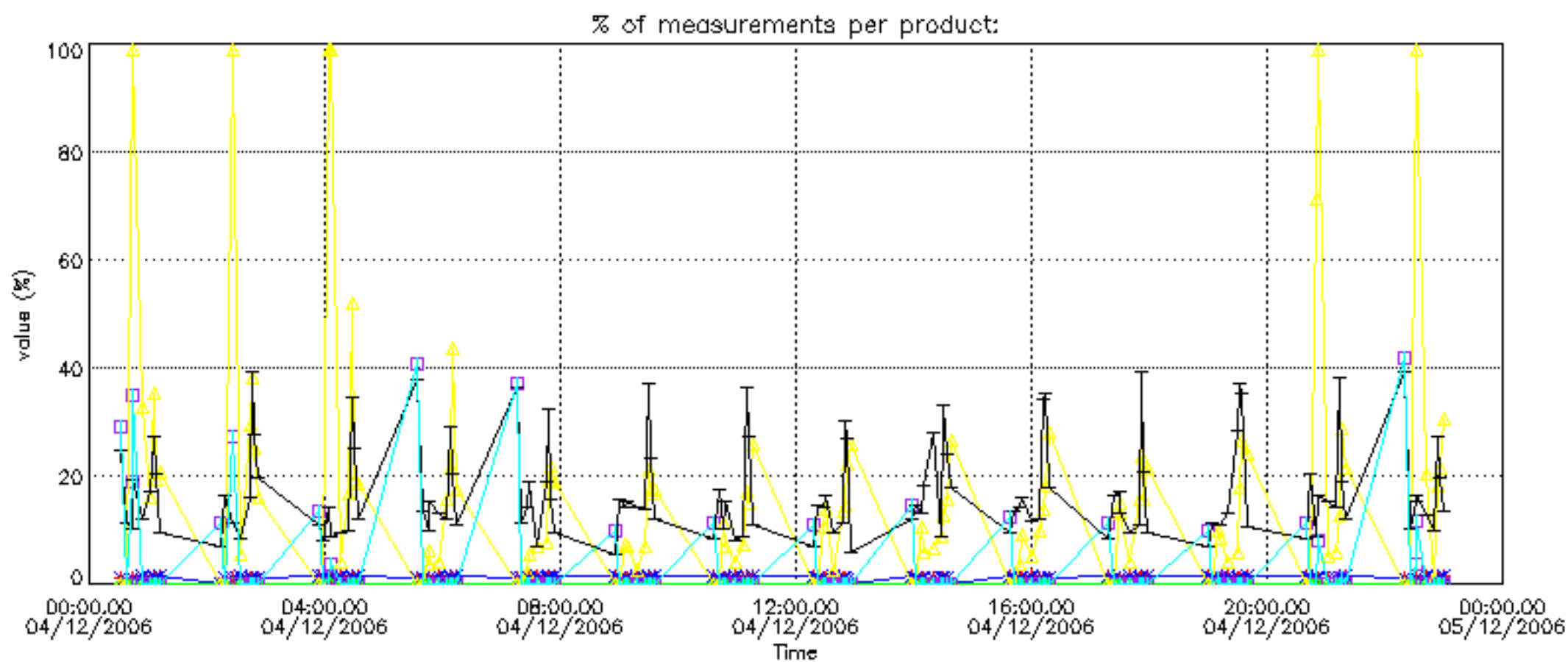


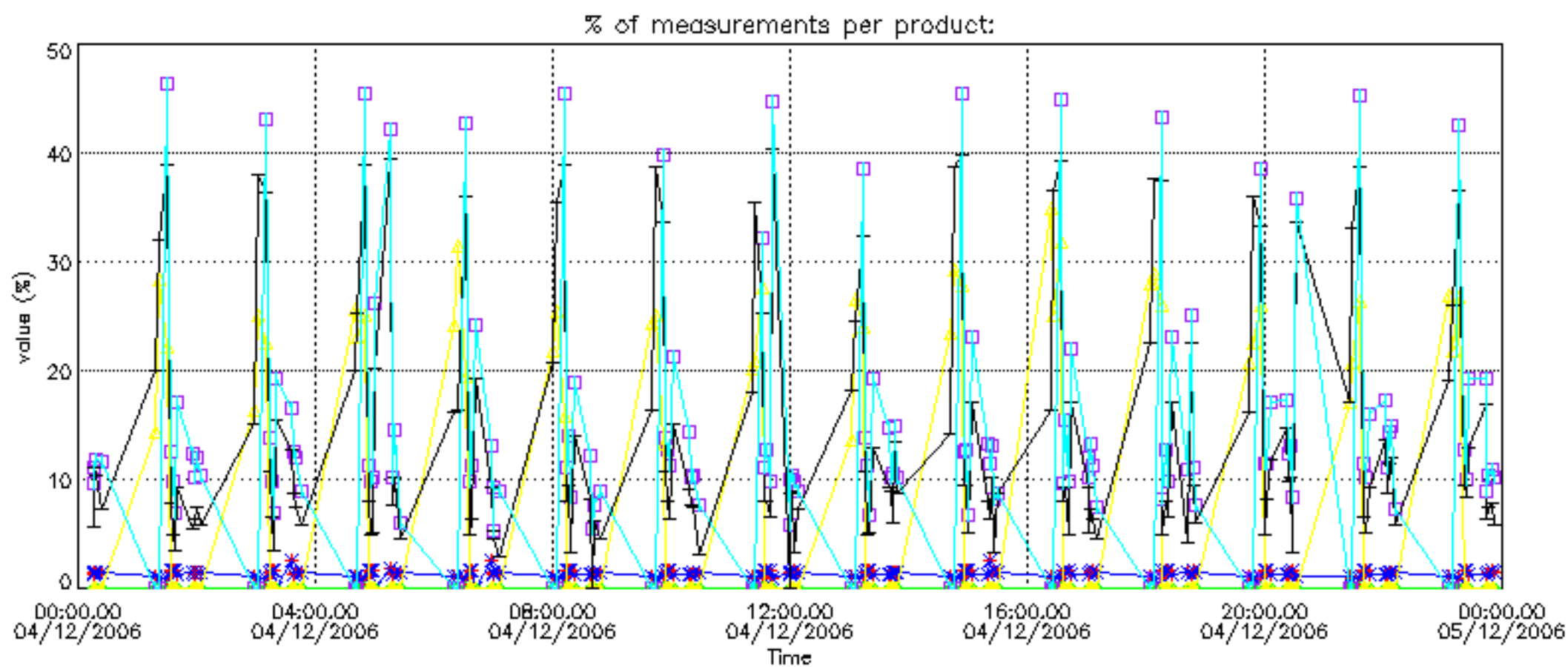
Percentage of flagged data per NO2 profile



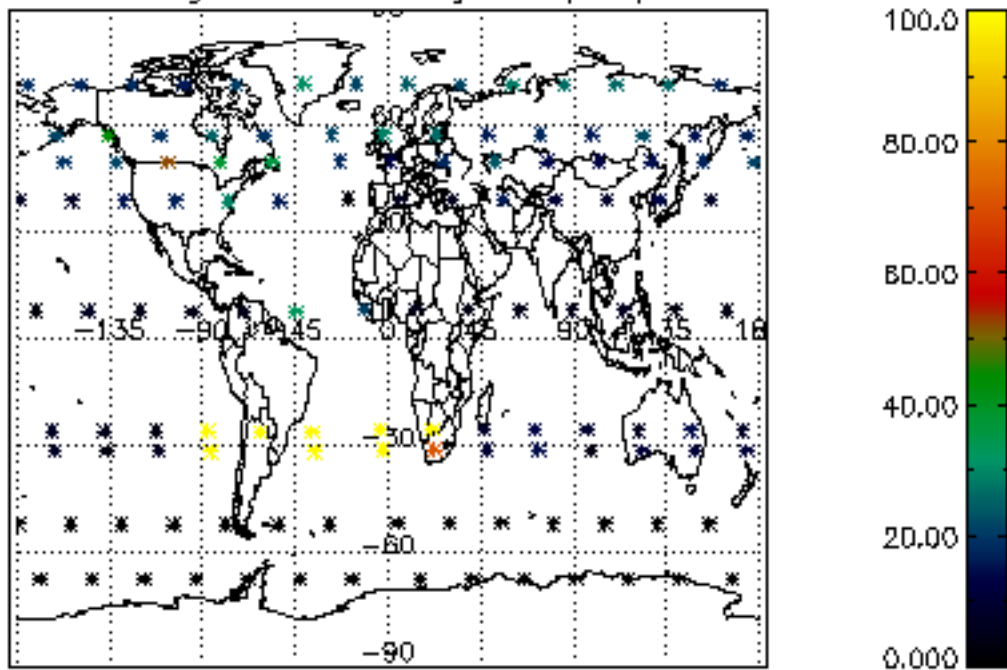
Percentage of flagged data per NO3 profile



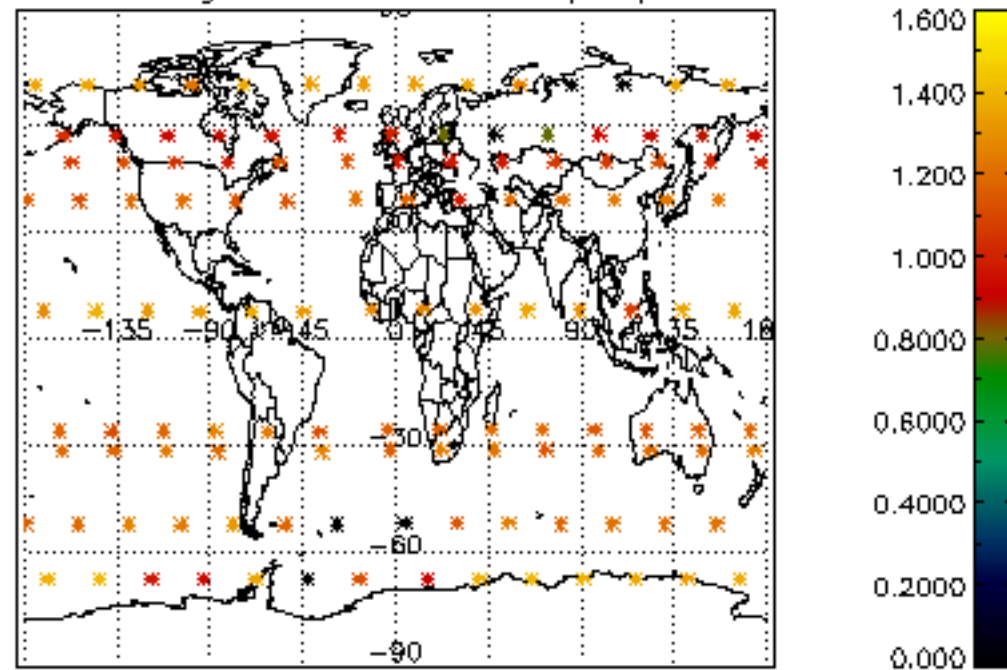




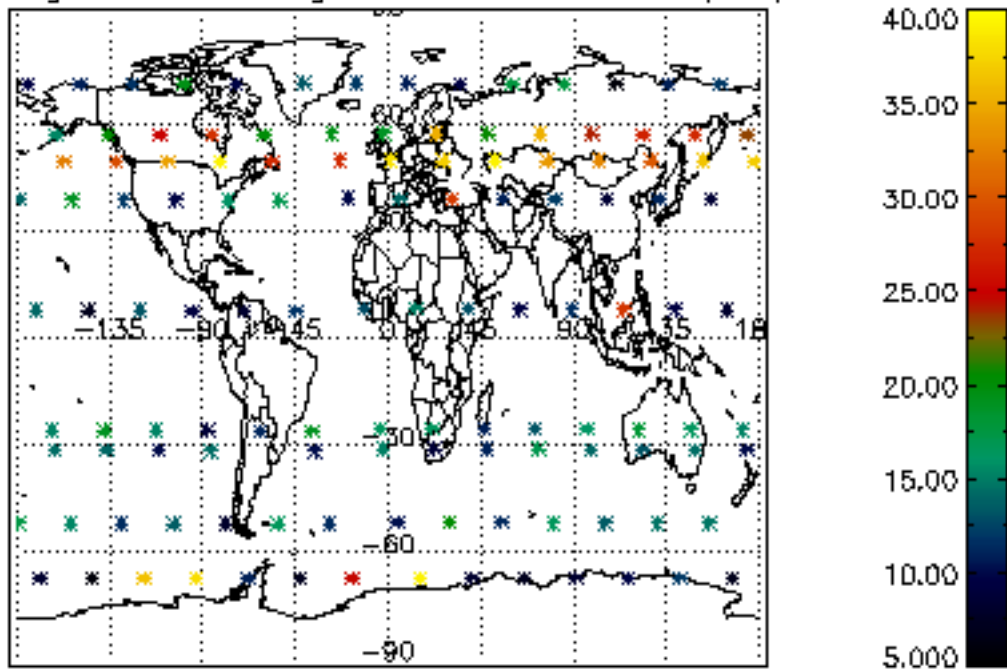
Percentage of cosmic ray hits per profile



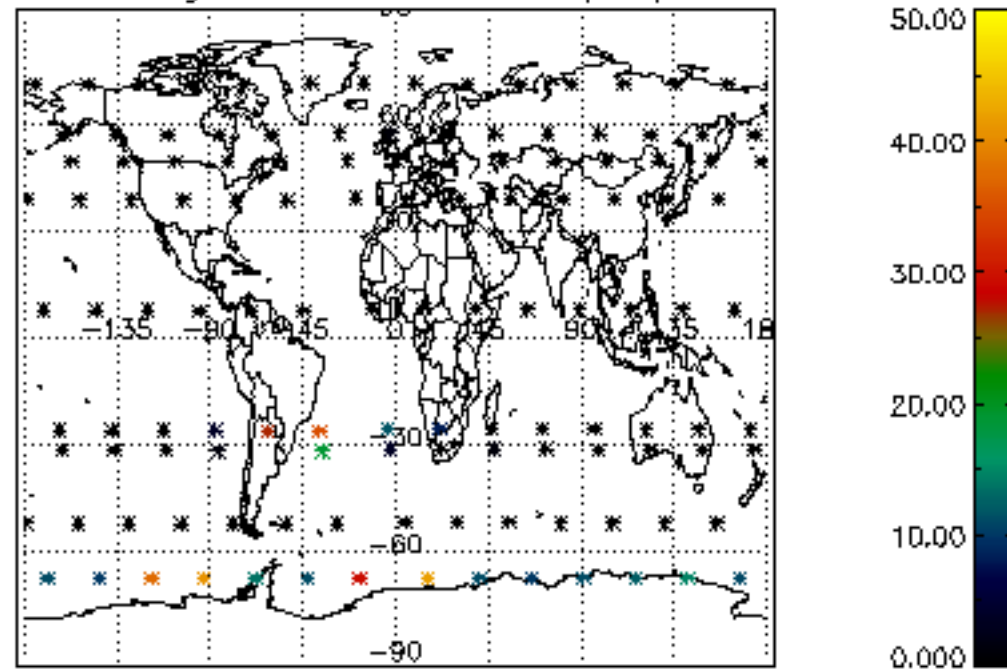
Percentage of datation errors per profile



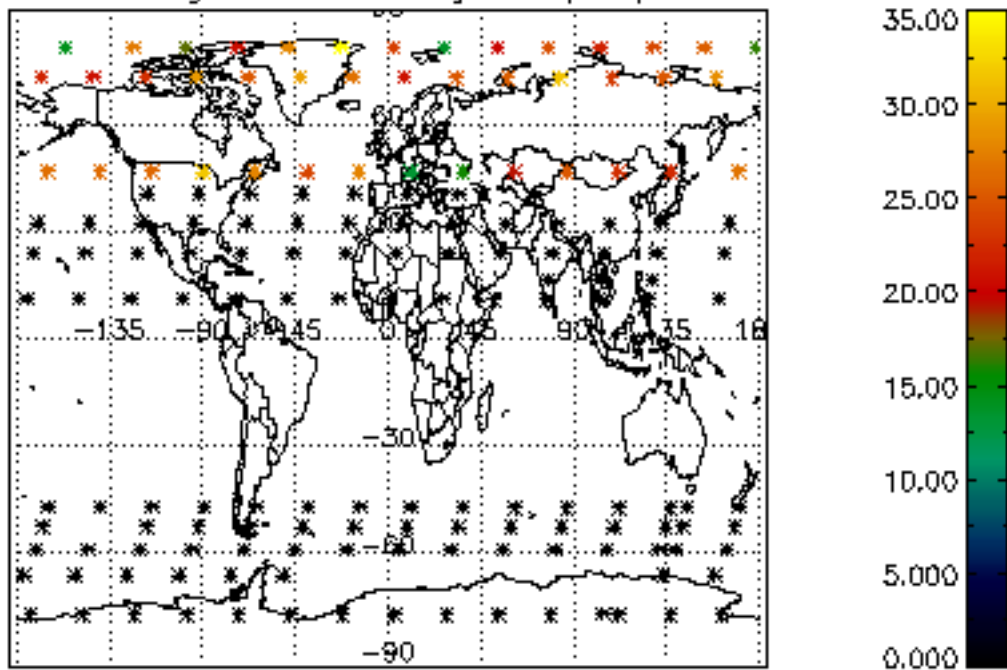
Percentage of star falling outside central band per profile



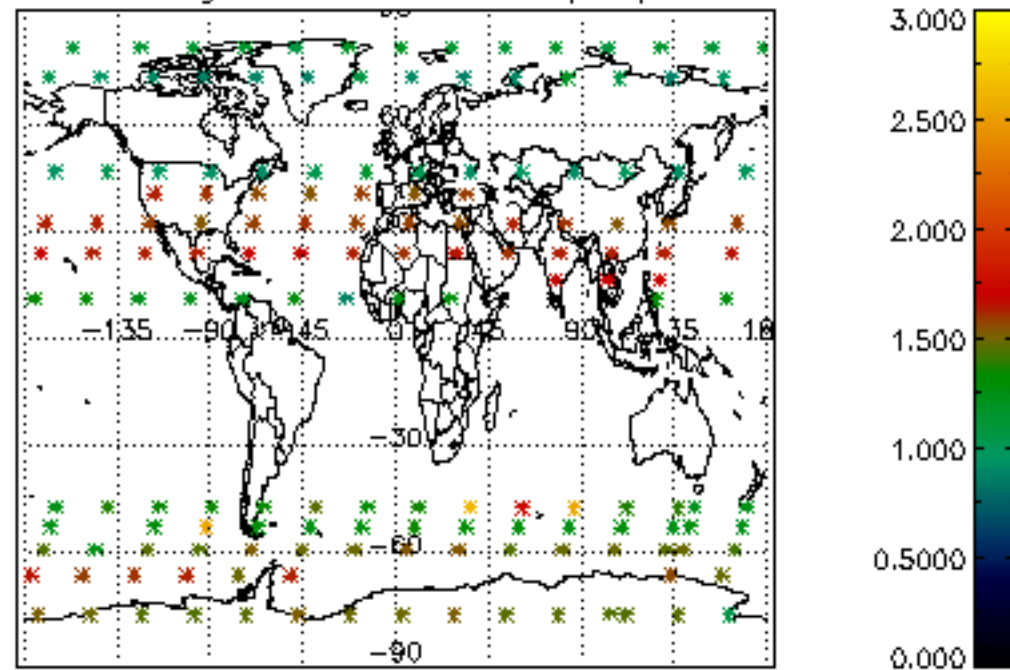
Percentage of saturation errors per profile



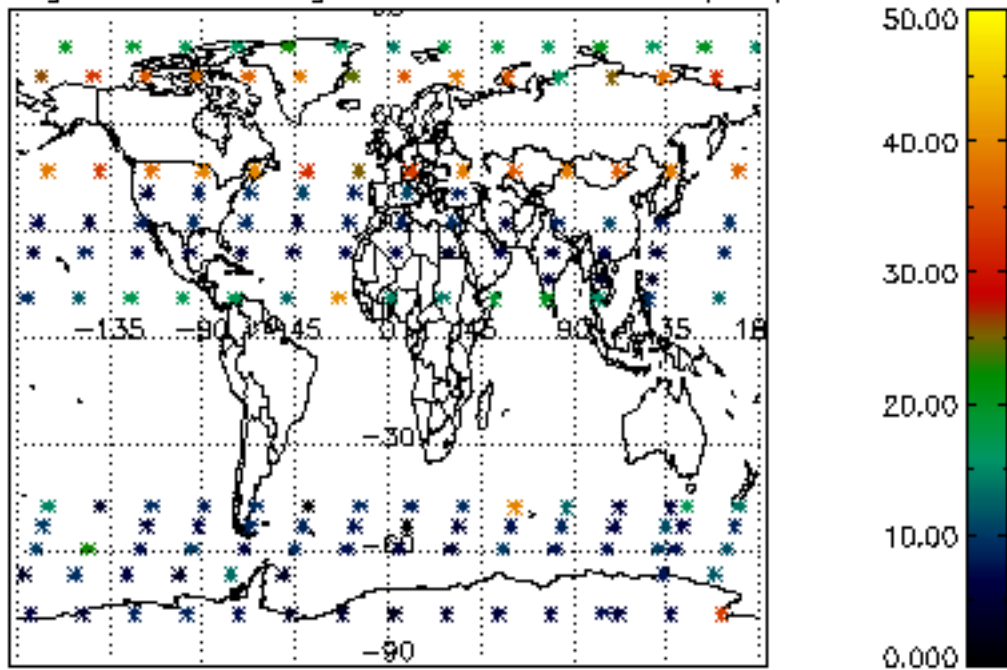
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

