

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	25APR2013 23:23:54
Data source version	GOMOS/6.01
Start time of products	09-12-2008 (09DEC2008 00:00:00)
Stop time of products	10-12-2008 (10DEC2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	335
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20081209_000135_000000492074_00302_35426_0485.N1	09-DEC-2008 00:01:35	Bright	49.000	138	47Eps Vir	2.8280	4700.0	98	35426	No
2	GOM_NL__2PRFIN20081209_000624_000000512074_00302_35426_0486.N1	09-DEC-2008 00:06:24	Twilight	51.000	121	29Gam Vir	2.7400	7200.0	102	35426	No
3	GOM_NL__2PRFIN20081209_001055_000000412074_00302_35426_0487.N1	09-DEC-2008 00:10:55	Twilight	41.000	169	46Gam Hya	2.9910	4700.0	82	35426	No
4	GOM_NL__2PRFIN20081209_001233_000000482074_00302_35426_0488.N1	09-DEC-2008 00:12:33	Dark	47.500	100	4Gam Crv	2.5800	13100.	95	35426	No
5	GOM_NL__2PRFIN20081209_001409_000000492074_00302_35426_0489.N1	09-DEC-2008 00:14:09	Dark	49.000	171	2Eps Crv	3.0010	4250.0	98	35426	No
6	GOM_NL__2PRFIN20081209_002324_000000472074_00303_35427_0470.N1	09-DEC-2008 00:23:24	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	35427	No
7	GOM_NL__2PRFIN20081209_003203_000000532074_00303_35427_0471.N1	09-DEC-2008 00:32:03	Dark	52.500	34	Gam2Vel	1.7930	23000.	105	35427	No
8	GOM_NL__2PRFIN20081209_003443_000000492074_00303_35427_0472.N1	09-DEC-2008 00:34:43	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	35427	No
9	GOM_NL__2PRFIN20081209_003707_000000522074_00303_35427_0473.N1	09-DEC-2008 00:37:07	Dark	51.500	117	Pi Pup	2.7060	3800.0	103	35427	No
10	GOM_NL__2PRFIN20081209_004037_000000552074_00303_35427_0474.N1	09-DEC-2008 00:40:37	Dark	55.000	23	21Eps CMa	1.5020	26000.	110	35427	No
11	GOM_NL__2PRFIN20081209_004542_000000272074_00303_35427_0475.N1	09-DEC-2008 00:45:42	Straylight	27.000	47	2Bet CMa	1.9760	28000.	54	35427	No
12	GOM_NL__2PRFIN20081209_004927_000000472074_00303_35427_0476.N1	09-DEC-2008 00:49:27	Straylight	47.000	7	19Bet Ori	0.10000	14000.	94	35427	No
13	GOM_NL__2PRFIN20081209_005159_000000532074_00303_35427_0477.N1	09-DEC-2008 00:51:59	Straylight	52.500	30	46Eps Ori	1.6940	30000.	105	35427	No
14	GOM_NL__2PRFIN20081209_005428_000000502074_00303_35427_0478.N1	09-DEC-2008 00:54:28	Twilight	50.000	27	24Gam Ori	1.6360	26000.	100	35427	No
15	GOM_NL__2PRFIN20081209_005701_000000572074_00303_35427_0479.N1	09-DEC-2008 00:57:01	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	35427	No
16	GOM_NL__2PRFIN20081209_010112_000000362074_00303_35427_0480.N1	09-DEC-2008 01:01:12	Bright	36.000	150	44Zet Per	2.8900	28000.	72	35427	No
17	GOM_NL__2PRFIN20081209_010333_000000352074_00303_35427_0481.N1	09-DEC-2008 01:03:33	Bright	35.000	149	45Eps Per	2.8880	30000.	70	35427	No
18	GOM_NL__2PRFIN20081209_010640_000000462074_00303_35427_0482.N1	09-DEC-2008 01:06:40	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	35427	No
19	GOM_NL__2PRFIN20081209_012314_000000472074_00303_35427_0483.N1	09-DEC-2008 01:23:14	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	35427	No
20	GOM_NL__2PRFIN20081209_012446_000000522074_00303_35427_0484.N1	09-DEC-2008 01:24:46	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	35427	No
21	GOM_NL__2PRFIN20081209_012659_000000412074_00303_35427_0485.N1	09-DEC-2008 01:26:59	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	35427	No
22	GOM_NL__2PRFIN20081209_012920_000000552074_00303_35427_0486.N1	09-DEC-2008 01:29:20	Bright	55.000	39	85Eta UMa	1.8540	24000.	110	35427	No
23	GOM_NL__2PRFIN20081209_013252_000000412074_00303_35427_0487.N1	09-DEC-2008 01:32:52	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	35427	No
24	GOM_NL__2PRFIN20081209_013842_000000442074_00303_35427_0488.N1	09-DEC-2008 01:38:42	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	35427	No
25	GOM_NL__2PRFIN20081209_014211_000000472074_00303_35427_0489.N1	09-DEC-2008 01:42:11	Bright	47.000	138	47Eps Vir	2.8280	4700.0	94	35427	No
26	GOM_NL__2PRFIN20081209_014701_000000532074_00303_35427_0490.N1	09-DEC-2008 01:47:01	Twilight	52.500	121	29Gam Vir	2.7400	7200.0	105	35427	No
27	GOM_NL__2PRFIN20081209_015132_000000422074_00303_35427_0491.N1	09-DEC-2008 01:51:32	Twilight	42.000	169	46Gam Hya	2.9910	4700.0	84	35427	No
28	GOM_NL__2PRFIN20081209_015446_000000552074_00303_35427_0492.N1	09-DEC-2008 01:54:46	Dark	54.500	171	2Eps Crv	3.0010	4250.0	109	35427	No
29	GOM_NL__2PRFIN20081209_034438_000000442074_00305_35429_0477.N1	09-DEC-2008 03:44:38	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	35429	No
30	GOM_NL__2PRFIN20081209_035317_000000462074_00305_35429_0478.N1	09-DEC-2008 03:53:17	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	35429	No
31	GOM_NL__2PRFIN20081209_035556_000000462074_00305_35429_0479.N1	09-DEC-2008 03:55:56	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	35429	No
32	GOM_NL__2PRFIN20081209_035821_000000552074_00305_35429_0480.N1	09-DEC-2008 03:58:21	Dark	55.000	117	Pi Pup	2.7060	3800.0	110	35429	No
33	GOM_NL__2PRFIN20081209_040151_000000612074_00305_35429_0481.N1	09-DEC-2008 04:01:51	Dark	61.000	23	21Eps CMa	1.5020	26000.	122	35429	No
34	GOM_NL__2PRFIN20081209_040655_000000332074_00305_35429_0482.N1	09-DEC-2008 04:06:55	Straylight	33.000	47	2Bet CMa	1.9760	28000.	66	35429	No
35	GOM_NL__2PRFIN20081209_041039_000000492074_00305_35429_0483.N1	09-DEC-2008 04:10:39	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	35429	No
36	GOM_NL__2PRFIN20081209_041310_000000532074_00305_35429_0484.N1	09-DEC-2008 04:13:10	Straylight	52.500	30	46Eps Ori	1.6940	30000.	105	35429	No
37	GOM_NL__2PRFIN20081209_041539_000000502074_00305_35429_0485.N1	09-DEC-2008 04:15:39	Twilight	49.500	27	24Gam Ori	1.6360	26000.	99	35429	No
38	GOM_NL__2PRFIN20081209_041813_000000482074_00305_35429_0486.N1	09-DEC-2008 04:18:13	Twilight	47.500	13	87Alp Tau	0.86700	3800.0	95	35429	No
39	GOM_NL__2PRFIN20081209_042224_000000372074_00305_35429_0487.N1	09-DEC-2008 04:22:24	Bright	36.500	150	44Zet Per	2.8900	28000.	73	35429	No
40	GOM_NL__2PRFIN20081209_042445_000000362074_00305_35429_0488.N1	09-DEC-2008 04:24:45	Bright	36.000	149	45Eps Per	2.8880	30000.	72	35429	No
41	GOM_NL__2PRFIN20081209_042751_000000452074_00305_35429_0489.N1	09-DEC-2008 04:27:51	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	35429	No
42	GOM_NL__2PRFIN20081209_044425_000000482074_00305_35429_0490.N1	09-DEC-2008 04:44:25	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	35429	No

43	GOM_NL__2PRFIN20081209_044557_000000482074_00305_35429_0491.N1	09-DEC-2008 04:45:57	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	35429	No
44	GOM_NL__2PRFIN20081209_044811_000000422074_00305_35429_0492.N1	09-DEC-2008 04:48:11	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	35429	No
45	GOM_NL__2PRFIN20081209_045032_000000552074_00305_35429_0493.N1	09-DEC-2008 04:50:32	Bright	55.000	39	85Eta UMa	1.8540	24000.	110	35429	No
46	GOM_NL__2PRFIN20081209_045404_000000632074_00305_35429_0494.N1	09-DEC-2008 04:54:04	Bright	63.000	152	12Alp2CVn	2.8900	11000.	126	35429	No
47	GOM_NL__2PRFIN20081209_045954_000000382074_00305_35429_0495.N1	09-DEC-2008 04:59:54	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	35429	No
48	GOM_NL__2PRFIN20081209_050324_000000652074_00305_35429_0496.N1	09-DEC-2008 05:03:24	Bright	65.000	138	47Eps Vir	2.8280	4700.0	130	35429	No
49	GOM_NL__2PRFIN20081209_050815_000000562074_00305_35429_0497.N1	09-DEC-2008 05:08:15	Twi_and_stray	56.000	121	29Gam Vir	2.7400	7200.0	112	35429	No
50	GOM_NL__2PRFIN20081209_051245_000000442074_00305_35429_0498.N1	09-DEC-2008 05:12:45	Twilight	44.000	169	46Gam Hya	2.9910	4700.0	88	35429	No
51	GOM_NL__2PRFIN20081209_051424_000000542074_00305_35429_0499.N1	09-DEC-2008 05:14:24	Dark	54.000	100	4Gam Crv	2.5800	13100.	108	35429	No
52	GOM_NL__2PRFIN20081209_051601_000000552074_00305_35429_0500.N1	09-DEC-2008 05:16:01	Dark	55.000	171	2Eps Crv	3.0010	4250.0	110	35429	No
53	GOM_NL__2PRFIN20081209_052144_000000422074_00305_35429_0501.N1	09-DEC-2008 05:21:44	Dark	42.000	99	Del Cen	2.5750	26000.	84	35429	No
54	GOM_NL__2PRFIN20081209_052514_000000472074_00306_35430_0481.N1	09-DEC-2008 05:25:14	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	35430	No
55	GOM_NL__2PRFIN20081209_053354_000000452074_00306_35430_0482.N1	09-DEC-2008 05:33:54	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	35430	No
56	GOM_NL__2PRFIN20081209_053633_000000542074_00306_35430_0483.N1	09-DEC-2008 05:36:33	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	35430	No
57	GOM_NL__2PRFIN20081209_053858_000000532074_00306_35430_0484.N1	09-DEC-2008 05:38:58	Dark	53.000	117	Pi Pup	2.7060	3800.0	106	35430	No
58	GOM_NL__2PRFIN20081209_054227_000000612074_00306_35430_0485.N1	09-DEC-2008 05:42:27	Dark	60.500	23	21Eps CMa	1.5020	26000.	121	35430	No
59	GOM_NL__2PRFIN20081209_054731_000000382074_00306_35430_0486.N1	09-DEC-2008 05:47:31	Straylight	38.000	47	2Bet CMa	1.9760	28000.	76	35430	No
60	GOM_NL__2PRFIN20081209_055115_000000522074_00306_35430_0487.N1	09-DEC-2008 05:51:15	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	35430	No
61	GOM_NL__2PRFIN20081209_055346_000000512074_00306_35430_0488.N1	09-DEC-2008 05:53:46	Straylight	50.500	30	46Eps Ori	1.6940	30000.	101	35430	No
62	GOM_NL__2PRFIN20081209_055615_000000502074_00306_35430_0489.N1	09-DEC-2008 05:56:15	Twi_and_stray	49.500	27	24Gam Ori	1.6360	26000.	99	35430	No
63	GOM_NL__2PRFIN20081209_055848_000000552074_00306_35430_0490.N1	09-DEC-2008 05:58:48	Twi_and_stray	55.000	13	87Alp Tau	0.86700	3800.0	110	35430	No
64	GOM_NL__2PRFIN20081209_060300_000000372074_00306_35430_0491.N1	09-DEC-2008 06:03:00	Bright	36.500	150	44Zet Per	2.8900	28000.	73	35430	No
65	GOM_NL__2PRFIN20081209_060521_000000362074_00306_35430_0492.N1	09-DEC-2008 06:05:21	Bright	36.000	149	45Eps Per	2.8880	30000.	72	35430	No
66	GOM_NL__2PRFIN20081209_060827_000000432074_00306_35430_0493.N1	09-DEC-2008 06:08:27	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	35430	No
67	GOM_NL__2PRFIN20081209_062501_000000472074_00306_35430_0494.N1	09-DEC-2008 06:25:01	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	35430	No
68	GOM_NL__2PRFIN20081209_062632_000000492074_00306_35430_0495.N1	09-DEC-2008 06:26:32	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	35430	No
69	GOM_NL__2PRFIN20081209_062847_000000422074_00306_35430_0496.N1	09-DEC-2008 06:28:47	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	35430	No
70	GOM_NL__2PRFIN20081209_063108_000000372074_00306_35430_0497.N1	09-DEC-2008 06:31:08	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	35430	No
71	GOM_NL__2PRFIN20081209_063440_000000422074_00306_35430_0498.N1	09-DEC-2008 06:34:40	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	35430	No
72	GOM_NL__2PRFIN20081209_064030_000000382074_00306_35430_0499.N1	09-DEC-2008 06:40:30	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	35430	No
73	GOM_NL__2PRFIN20081209_064401_000000462074_00306_35430_0500.N1	09-DEC-2008 06:44:01	Bright	46.000	138	47Eps Vir	2.8280	4700.0	92	35430	No
74	GOM_NL__2PRFIN20081209_064852_000000532074_00306_35430_0501.N1	09-DEC-2008 06:48:52	Twi_and_stray	52.500	121	29Gam Vir	2.7400	7200.0	105	35430	No
75	GOM_NL__2PRFIN20081209_065321_000000412074_00306_35430_0502.N1	09-DEC-2008 06:53:21	Twilight	41.000	169	46Gam Hya	2.9910	4700.0	82	35430	No
76	GOM_NL__2PRFIN20081209_065501_000000522074_00306_35430_0503.N1	09-DEC-2008 06:55:01	Dark	51.500	100	4Gam Crv	2.5800	13100.	103	35430	No
77	GOM_NL__2PRFIN20081209_065638_000000522074_00306_35430_0504.N1	09-DEC-2008 06:56:38	Dark	52.000	171	2Eps Crv	3.0010	4250.0	104	35430	No
78	GOM_NL__2PRFIN20081209_070221_000000402074_00306_35430_0505.N1	09-DEC-2008 07:02:21	Dark	40.000	99	Del Cen	2.5750	26000.	80	35430	No
79	GOM_NL__2PRFIN20081209_070551_000000442074_00307_35431_0485.N1	09-DEC-2008 07:05:51	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	35431	No
80	GOM_NL__2PRFIN20081209_071431_000000482074_00307_35431_0486.N1	09-DEC-2008 07:14:31	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	35431	No
81	GOM_NL__2PRFIN20081209_071709_000000462074_00307_35431_0487.N1	09-DEC-2008 07:17:09	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	35431	No
82	GOM_NL__2PRFIN20081209_071934_000000572074_00307_35431_0488.N1	09-DEC-2008 07:19:34	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	35431	No
83	GOM_NL__2PRFIN20081209_072304_000000562074_00307_35431_0489.N1	09-DEC-2008 07:23:04	Dark	56.000	23	21Eps CMa	1.5020	26000.	112	35431	No
84	GOM_NL__2PRFIN20081209_072807_000000382074_00307_35431_0490.N1	09-DEC-2008 07:28:07	Straylight	38.000	47	2Bet CMa	1.9760	28000.	76	35431	No
85	GOM_NL__2PRFIN20081209_073151_000000482074_00307_35431_0491.N1	09-DEC-2008 07:31:51	Straylight	47.500	7	19Bet Ori	0.10000	14000.	95	35431	No
86	GOM_NL__2PRFIN20081209_073422_000000532074_00307_35431_0492.N1	09-DEC-2008 07:34:22	Straylight	53.000	30	46Eps Ori	1.6940	30000.	106	35431	No
87	GOM_NL__2PRFIN20081209_073651_000000522074_00307_35431_0493.N1	09-DEC-2008 07:36:51	Twi_and_stray	51.500	27	24Gam Ori	1.6360	26000.	103	35431	No
88	GOM_NL__2PRFIN20081209_073924_000000502074_00307_35431_0494.N1	09-DEC-2008 07:39:24	Twi_and_stray	49.500	13	87Alp Tau	0.86700	3800.0	99	35431	No
89	GOM_NL__2PRFIN20081209_074336_000000372074_00307_35431_0495.N1	09-DEC-2008 07:43:36	Bright	36.500	150	44Zet Per	2.8900	28000.	73	35431	No
90	GOM_NL__2PRFIN20081209_074557_000000352074_00307_35431_0496.N1	09-DEC-2008 07:45:57	Bright	35.000	149	45Eps Per	2.8880	30000.	70	35431	No
91	GOM_NL__2PRFIN20081209_074902_000000442074_00307_35431_0497.N1	09-DEC-2008 07:49:02	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	35431	No
92	GOM_NL__2PRFIN20081209_080536_000000452074_00307_35431_0498.N1	09-DEC-2008 08:05:36	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	35431	No
93	GOM_NL__2PRFIN20081209_080708_000000492074_00307_35431_0499.N1	09-DEC-2008 08:07:08	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	35431	No
94	GOM_NL__2PRFIN20081209_080923_000000412074_00307_35431_0500.N1	09-DEC-2008 08:09:23	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	35431	No
95	GOM_NL__2PRFIN20081209_081144_000000392074_00307_35431_0501.N1	09-DEC-2008 08:11:44	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	35431	No
96	GOM_NL__2PRFIN20081209_081516_000000422074_00307_35431_0502.N1	09-DEC-2008 08:15:16	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	35431	No
97	GOM_NL__2PRFIN20081209_082107_000000382074_00307_35431_0503.N1	09-DEC-2008 08:21:07	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	35431	No
98	GOM_NL__2PRFIN20081209_082437_000000472074_00307_35431_0504.N1	09-DEC-2008 08:24:37	Bright	47.000	138	47Eps Vir	2.8280	4700.0	94	35431	No
99	GOM_NL__2PRFIN20081209_082928_000000512074_00307_35431_0505.N1	09-DEC-2008 08:29:28	Twi_and_stray	50.500	121	29Gam Vir	2.7400	7200.0	101	35431	No
100	GOM_NL__2PRFIN20081209_083358_000000452074_00307_35431_0506.N1	09-DEC-2008 08:33:58	Twilight	44.500	169	46Gam Hya	2.9910	4700.0	89	35431	No
101	GOM_NL__2PRFIN20081209_083538_000000542074_00307_35431_0507.N1	09-DEC-2008 08:35:38	Dark	53.500	100	4Gam Crv	2.5800	13100.	107	35431	No

102	GOM_NL__2PRFIN20081209_083715_000000582074_00307_35431_0508.N1	09-DEC-2008 08:37:15	Dark	57.500	171	2Eps Crv	3.0010	4250.0	115	35431	No
103	GOM_NL__2PRFIN20081209_084257_000000402074_00307_35431_0509.N1	09-DEC-2008 08:42:57	Dark	40.000	99	Del Cen	2.5750	26000.	80	35431	No
104	GOM_NL__2PRFIN20081209_084628_000000442074_00308_35432_0489.N1	09-DEC-2008 08:46:28	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	35432	No
105	GOM_NL__2PRFIN20081209_085507_000000472074_00308_35432_0490.N1	09-DEC-2008 08:55:07	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	35432	No
106	GOM_NL__2PRFIN20081209_085745_000000552074_00308_35432_0491.N1	09-DEC-2008 08:57:45	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	35432	No
107	GOM_NL__2PRFIN20081209_090011_000000552074_00308_35432_0492.N1	09-DEC-2008 09:00:11	Dark	55.000	117	Pi Pup	2.7060	3800.0	110	35432	No
108	GOM_NL__2PRFIN20081209_090340_000000592074_00308_35432_0493.N1	09-DEC-2008 09:03:40	Dark	59.000	23	21Eps CMa	1.5020	26000.	118	35432	No
109	GOM_NL__2PRFIN20081209_090843_000000442074_00308_35432_0494.N1	09-DEC-2008 09:08:43	Straylight	44.000	47	2Bet CMa	1.9760	28000.	88	35432	No
110	GOM_NL__2PRFIN20081209_091227_000000482074_00308_35432_0495.N1	09-DEC-2008 09:12:27	Straylight	48.000	7	19Bet Ori	0.10000	14000.	96	35432	No
111	GOM_NL__2PRFIN20081209_091457_000000532074_00308_35432_0496.N1	09-DEC-2008 09:14:57	Straylight	52.500	30	46Eps Ori	1.6940	30000.	105	35432	No
112	GOM_NL__2PRFIN20081209_091726_000000512074_00308_35432_0497.N1	09-DEC-2008 09:17:26	Tw_i_and_stray	51.000	27	24Gam Ori	1.6360	26000.	102	35432	No
113	GOM_NL__2PRFIN20081209_092000_000000572074_00308_35432_0498.N1	09-DEC-2008 09:20:00	Tw_i_and_stray	57.000	13	87Alp Tau	0.86700	3800.0	114	35432	No
114	GOM_NL__2PRFIN20081209_092412_000000372074_00308_35432_0499.N1	09-DEC-2008 09:24:12	Bright	37.000	150	44Zet Per	2.8900	28000.	74	35432	No
115	GOM_NL__2PRFIN20081209_092632_000000362074_00308_35432_0500.N1	09-DEC-2008 09:26:32	Bright	35.500	149	45Eps Per	2.8880	30000.	71	35432	No
116	GOM_NL__2PRFIN20081209_092938_000000442074_00308_35432_0501.N1	09-DEC-2008 09:29:38	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	35432	No
117	GOM_NL__2PRFIN20081209_094612_000000472074_00308_35432_0502.N1	09-DEC-2008 09:46:12	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	35432	No
118	GOM_NL__2PRFIN20081209_094743_000000482074_00308_35432_0503.N1	09-DEC-2008 09:47:43	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	35432	No
119	GOM_NL__2PRFIN20081209_094958_000000422074_00308_35432_0504.N1	09-DEC-2008 09:49:58	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	35432	No
120	GOM_NL__2PRFIN20081209_095220_000000382074_00308_35432_0505.N1	09-DEC-2008 09:52:20	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	35432	No
121	GOM_NL__2PRFIN20081209_095552_000000432074_00308_35432_0506.N1	09-DEC-2008 09:55:52	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	35432	No
122	GOM_NL__2PRFIN20081209_100143_000000382074_00308_35432_0507.N1	09-DEC-2008 10:01:43	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	35432	No
123	GOM_NL__2PRFIN20081209_100514_000000642074_00308_35432_0508.N1	09-DEC-2008 10:05:14	Bright	64.000	138	47Eps Vir	2.8280	4700.0	128	35432	No
124	GOM_NL__2PRFIN20081209_101106_000000472074_00308_35432_0509.N1	09-DEC-2008 10:11:06	Bright	46.500	15	67Alp Vir	0.97600	28000.	93	35432	No
125	GOM_NL__2PRFIN20081209_101434_000000442074_00308_35432_0510.N1	09-DEC-2008 10:14:34	Twilight	43.500	169	46Gam Hya	2.9910	4700.0	87	35432	No
126	GOM_NL__2PRFIN20081209_101615_000000512074_00308_35432_0511.N1	09-DEC-2008 10:16:15	Dark	50.500	100	4Gam Crv	2.5800	13100.	101	35432	No
127	GOM_NL__2PRFIN20081209_101751_000000522074_00308_35432_0512.N1	09-DEC-2008 10:17:51	Dark	51.500	171	2Eps Crv	3.0010	4250.0	103	35432	No
128	GOM_NL__2PRFIN20081209_102333_000000402074_00308_35432_0513.N1	09-DEC-2008 10:23:33	Dark	39.500	99	Del Cen	2.5750	26000.	79	35432	No
129	GOM_NL__2PRFIN20081209_102705_000000442074_00309_35433_0493.N1	09-DEC-2008 10:27:05	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	35433	No
130	GOM_NL__2PRFIN20081209_103544_000000542074_00309_35433_0494.N1	09-DEC-2008 10:35:44	Dark	54.000	34	Gam2Vel	1.7930	23000.	108	35433	No
131	GOM_NL__2PRFIN20081209_103822_000000542074_00309_35433_0495.N1	09-DEC-2008 10:38:22	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	35433	No
132	GOM_NL__2PRFIN20081209_104047_000000542074_00309_35433_0496.N1	09-DEC-2008 10:40:47	Dark	53.500	117	Pi Pup	2.7060	3800.0	107	35433	No
133	GOM_NL__2PRFIN20081209_104416_000000542074_00309_35433_0497.N1	09-DEC-2008 10:44:16	Dark	53.500	23	21Eps CMa	1.5020	26000.	107	35433	No
134	GOM_NL__2PRFIN20081209_104919_000000442074_00309_35433_0498.N1	09-DEC-2008 10:49:19	Straylight	44.000	47	2Bet CMa	1.9760	28000.	88	35433	No
135	GOM_NL__2PRFIN20081209_105303_000000492074_00309_35433_0499.N1	09-DEC-2008 10:53:03	Straylight	48.500	7	19Bet Ori	0.10000	14000.	97	35433	No
136	GOM_NL__2PRFIN20081209_105533_000000532074_00309_35433_0500.N1	09-DEC-2008 10:55:33	Straylight	53.000	30	46Eps Ori	1.6940	30000.	106	35433	No
137	GOM_NL__2PRFIN20081209_105802_000000492074_00309_35433_0501.N1	09-DEC-2008 10:58:02	Tw_i_and_stray	48.500	27	24Gam Ori	1.6360	26000.	97	35433	No
138	GOM_NL__2PRFIN20081209_110036_000000452074_00309_35433_0502.N1	09-DEC-2008 11:00:36	Tw_i_and_stray	45.000	13	87Alp Tau	0.86700	3800.0	90	35433	No
139	GOM_NL__2PRFIN20081209_110448_000000362074_00309_35433_0503.N1	09-DEC-2008 11:04:48	Bright	36.000	150	44Zet Per	2.8900	28000.	72	35433	No
140	GOM_NL__2PRFIN20081209_110708_000000362074_00309_35433_0504.N1	09-DEC-2008 11:07:08	Bright	36.000	149	45Eps Per	2.8880	30000.	72	35433	No
141	GOM_NL__2PRFIN20081209_111013_000000442074_00309_35433_0505.N1	09-DEC-2008 11:10:13	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	35433	No
142	GOM_NL__2PRFIN20081209_112647_000000482074_00309_35433_0506.N1	09-DEC-2008 11:26:47	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	35433	No
143	GOM_NL__2PRFIN20081209_112818_000000492074_00309_35433_0507.N1	09-DEC-2008 11:28:18	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	35433	No
144	GOM_NL__2PRFIN20081209_113034_000000412074_00309_35433_0508.N1	09-DEC-2008 11:30:34	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	35433	No
145	GOM_NL__2PRFIN20081209_113255_000000382074_00309_35433_0509.N1	09-DEC-2008 11:32:55	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	35433	No
146	GOM_NL__2PRFIN20081209_113628_000000432074_00309_35433_0510.N1	09-DEC-2008 11:36:28	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	35433	No
147	GOM_NL__2PRFIN20081209_114219_000000382074_00309_35433_0511.N1	09-DEC-2008 11:42:19	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	35433	No
148	GOM_NL__2PRFIN20081209_114550_000000452074_00309_35433_0512.N1	09-DEC-2008 11:45:50	Bright	44.500	138	47Eps Vir	2.8280	4700.0	89	35433	No
149	GOM_NL__2PRFIN20081209_115143_000000472074_00309_35433_0513.N1	09-DEC-2008 11:51:43	Bright	47.000	15	67Alp Vir	0.97600	28000.	94	35433	No
150	GOM_NL__2PRFIN20081209_115511_000000442074_00309_35433_0514.N1	09-DEC-2008 11:55:11	Twilight	43.500	169	46Gam Hya	2.9910	4700.0	87	35433	No
151	GOM_NL__2PRFIN20081209_115652_000000522074_00309_35433_0515.N1	09-DEC-2008 11:56:52	Dark	52.000	100	4Gam Crv	2.5800	13100.	104	35433	No
152	GOM_NL__2PRFIN20081209_115828_000000512074_00309_35433_0516.N1	09-DEC-2008 11:58:28	Dark	50.500	171	2Eps Crv	3.0010	4250.0	101	35433	No
153	GOM_NL__2PRFIN20081209_120410_000000392074_00309_35433_0517.N1	09-DEC-2008 12:04:10	Dark	39.000	99	Del Cen	2.5750	26000.	78	35433	No
154	GOM_NL__2PRFIN20081209_120742_000000462074_00310_35434_0497.N1	09-DEC-2008 12:07:42	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	35434	No
155	GOM_NL__2PRFIN20081209_121620_000000542074_00310_35434_0498.N1	09-DEC-2008 12:16:20	Dark	54.000	34	Gam2Vel	1.7930	23000.	108	35434	No
156	GOM_NL__2PRFIN20081209_121858_000000482074_00310_35434_0499.N1	09-DEC-2008 12:18:58	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	35434	No
157	GOM_NL__2PRFIN20081209_122124_000000572074_00310_35434_0500.N1	09-DEC-2008 12:21:24	Dark	56.500	117	Pi Pup	2.7060	3800.0	113	35434	No
158	GOM_NL__2PRFIN20081209_122453_000000542074_00310_35434_0501.N1	09-DEC-2008 12:24:53	Dark	54.000	23	21Eps CMa	1.5020	26000.	108	35434	No
159	GOM_NL__2PRFIN20081209_122955_000000492074_00310_35434_0502.N1	09-DEC-2008 12:29:55	Straylight	49.000	47	2Bet CMa	1.9760	28000.	98	35434	No
160	GOM_NL__2PRFIN20081209_123339_000000452074_00310_35434_0503.N1	09-DEC-2008 12:33:39	Straylight	45.000	7	19Bet Ori	0.10000	14000.	90	35434	No

161	GOM_NL__2PRFIN20081209_123609_000000492074_00310_35434_0504.N1	09-DEC-2008 12:36:09	Straylight	49.000	30	46Eps Ori	1.6940	30000.	98	35434	No
162	GOM_NL__2PRFIN20081209_123837_000000502074_00310_35434_0505.N1	09-DEC-2008 12:38:37	Tw_i_and_stray	49.500	27	24Gam Ori	1.6360	26000.	99	35434	No
163	GOM_NL__2PRFIN20081209_124111_000000472074_00310_35434_0506.N1	09-DEC-2008 12:41:11	Tw_i_and_stray	47.000	13	87Alp Tau	0.86700	3800.0	94	35434	No
164	GOM_NL__2PRFIN20081209_124523_000000352074_00310_35434_0507.N1	09-DEC-2008 12:45:23	Bright	35.000	150	44Zet Per	2.8900	28000.	70	35434	No
165	GOM_NL__2PRFIN20081209_124744_000000352074_00310_35434_0508.N1	09-DEC-2008 12:47:44	Bright	35.000	149	45Eps Per	2.8880	30000.	70	35434	No
166	GOM_NL__2PRFIN20081209_124959_000000262074_00310_35434_0509.N1	09-DEC-2008 12:49:59	Tw_i_and_stray	26.000	107	37The Aur	2.6490	11000.	52	35434	No
167	GOM_NL__2PRFIN20081209_125203_000000462074_00310_35434_0510.N1	09-DEC-2008 12:52:03	Bright	45.500	42	34Bet Aur	1.9000	10200.	91	35434	No
168	GOM_NL__2PRFIN20081209_130723_000000462074_00310_35434_0511.N1	09-DEC-2008 13:07:23	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	35434	No
169	GOM_NL__2PRFIN20081209_130854_000000472074_00310_35434_0512.N1	09-DEC-2008 13:08:54	Bright	47.000	82	48Bet UMa	2.3650	10600.	94	35434	No
170	GOM_NL__2PRFIN20081209_131110_000000402074_00310_35434_0513.N1	09-DEC-2008 13:11:10	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	35434	No
171	GOM_NL__2PRFIN20081209_131331_000000382074_00310_35434_0514.N1	09-DEC-2008 13:13:31	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	35434	No
172	GOM_NL__2PRFIN20081209_131704_000000442074_00310_35434_0515.N1	09-DEC-2008 13:17:04	Bright	43.500	152	12Alp2CVn	2.8900	11000.	87	35434	No
173	GOM_NL__2PRFIN20081209_132255_000000382074_00310_35434_0516.N1	09-DEC-2008 13:22:55	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	35434	No
174	GOM_NL__2PRFIN20081209_132626_000000462074_00310_35434_0517.N1	09-DEC-2008 13:26:26	Bright	46.000	138	47Eps Vir	2.8280	4700.0	92	35434	No
175	GOM_NL__2PRFIN20081209_133219_000000472074_00310_35434_0518.N1	09-DEC-2008 13:32:19	Bright	46.500	15	67Alp Vir	0.97600	28000.	93	35434	No
176	GOM_NL__2PRFIN20081209_133547_000000422074_00310_35434_0519.N1	09-DEC-2008 13:35:47	Twilight	42.000	169	46Gam Hya	2.9910	4700.0	84	35434	No
177	GOM_NL__2PRFIN20081209_133729_000000502074_00310_35434_0520.N1	09-DEC-2008 13:37:29	Dark	50.000	100	4Gam Crv	2.5800	13100.	100	35434	No
178	GOM_NL__2PRFIN20081209_133906_000000532074_00310_35434_0521.N1	09-DEC-2008 13:39:06	Dark	52.500	171	2Eps Crv	3.0010	4250.0	105	35434	No
179	GOM_NL__2PRFIN20081209_134447_000000392074_00310_35434_0522.N1	09-DEC-2008 13:44:47	Dark	39.000	99	Del Cen	2.5750	26000.	78	35434	No
180	GOM_NL__2PRFIN20081209_134818_000000442074_00311_35435_0501.N1	09-DEC-2008 13:48:18	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	35435	No
181	GOM_NL__2PRFIN20081209_135657_000000472074_00311_35435_0502.N1	09-DEC-2008 13:56:57	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	35435	No
182	GOM_NL__2PRFIN20081209_135934_000000562074_00311_35435_0503.N1	09-DEC-2008 13:59:34	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	35435	No
183	GOM_NL__2PRFIN20081209_140201_000000572074_00311_35435_0504.N1	09-DEC-2008 14:02:01	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	35435	No
184	GOM_NL__2PRFIN20081209_140529_000000592074_00311_35435_0505.N1	09-DEC-2008 14:05:29	Straylight	59.000	23	21Eps CMa	1.5020	26000.	118	35435	No
185	GOM_NL__2PRFIN20081209_141031_000000492074_00311_35435_0506.N1	09-DEC-2008 14:10:31	Straylight	49.000	47	2Bet CMa	1.9760	28000.	98	35435	No
186	GOM_NL__2PRFIN20081209_141415_000000522074_00311_35435_0507.N1	09-DEC-2008 14:14:15	Straylight	51.500	7	19Bet Ori	0.10000	14000.	103	35435	No
187	GOM_NL__2PRFIN20081209_141645_000000512074_00311_35435_0508.N1	09-DEC-2008 14:16:45	Straylight	50.500	30	46Eps Ori	1.6940	30000.	101	35435	No
188	GOM_NL__2PRFIN20081209_141913_000000522074_00311_35435_0509.N1	09-DEC-2008 14:19:13	Tw_i_and_stray	52.000	27	24Gam Ori	1.6360	26000.	104	35435	No
189	GOM_NL__2PRFIN20081209_142147_000000572074_00311_35435_0510.N1	09-DEC-2008 14:21:47	Tw_i_and_stray	57.000	13	87Alp Tau	0.86700	3800.0	114	35435	No
190	GOM_NL__2PRFIN20081209_142559_000000362074_00311_35435_0511.N1	09-DEC-2008 14:25:59	Bright	36.000	150	44Zet Per	2.8900	28000.	72	35435	No
191	GOM_NL__2PRFIN20081209_142820_000000362074_00311_35435_0512.N1	09-DEC-2008 14:28:20	Bright	36.000	149	45Eps Per	2.8880	30000.	72	35435	No
192	GOM_NL__2PRFIN20081209_143034_000000262074_00311_35435_0513.N1	09-DEC-2008 14:30:34	Tw_i_and_stray	26.000	107	37The Aur	2.6490	11000.	52	35435	No
193	GOM_NL__2PRFIN20081209_143239_000000462074_00311_35435_0514.N1	09-DEC-2008 14:32:39	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	35435	No
194	GOM_NL__2PRFIN20081209_144758_000000462074_00311_35435_0515.N1	09-DEC-2008 14:47:58	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	35435	No
195	GOM_NL__2PRFIN20081209_144929_000000502074_00311_35435_0516.N1	09-DEC-2008 14:49:29	Bright	49.500	82	48Bet UMa	2.3650	10600.	99	35435	No
196	GOM_NL__2PRFIN20081209_145146_000000412074_00311_35435_0517.N1	09-DEC-2008 14:51:46	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	35435	No
197	GOM_NL__2PRFIN20081209_145407_000000372074_00311_35435_0518.N1	09-DEC-2008 14:54:07	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	35435	No
198	GOM_NL__2PRFIN20081209_145740_000000432074_00311_35435_0519.N1	09-DEC-2008 14:57:40	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	35435	No
199	GOM_NL__2PRFIN20081209_150332_000000392074_00311_35435_0520.N1	09-DEC-2008 15:03:32	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	35435	No
200	GOM_NL__2PRFIN20081209_150703_000000442074_00311_35435_0521.N1	09-DEC-2008 15:07:03	Bright	44.000	138	47Eps Vir	2.8280	4700.0	88	35435	No
201	GOM_NL__2PRFIN20081209_151256_000000462074_00311_35435_0522.N1	09-DEC-2008 15:12:56	Bright	45.500	15	67Alp Vir	0.97600	28000.	91	35435	No
202	GOM_NL__2PRFIN20081209_151624_000000452074_00311_35435_0523.N1	09-DEC-2008 15:16:24	Twilight	44.500	169	46Gam Hya	2.9910	4700.0	89	35435	No
203	GOM_NL__2PRFIN20081209_151806_000000512074_00311_35435_0524.N1	09-DEC-2008 15:18:06	Dark	51.000	100	4Gam Crv	2.5800	13100.	102	35435	No
204	GOM_NL__2PRFIN20081209_151943_000000522074_00311_35435_0525.N1	09-DEC-2008 15:19:43	Dark	52.000	171	2Eps Crv	3.0010	4250.0	104	35435	No
205	GOM_NL__2PRFIN20081209_152523_000000382074_00311_35435_0526.N1	09-DEC-2008 15:25:23	Dark	38.000	99	Del Cen	2.5750	26000.	76	35435	No
206	GOM_NL__2PRFIN20081209_152855_000000442074_00312_35436_0505.N1	09-DEC-2008 15:28:55	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	35436	No
207	GOM_NL__2PRFIN20081209_153734_000000472074_00312_35436_0506.N1	09-DEC-2008 15:37:34	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	35436	No
208	GOM_NL__2PRFIN20081209_154011_000000512074_00312_35436_0507.N1	09-DEC-2008 15:40:11	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	35436	No
209	GOM_NL__2PRFIN20081209_154237_000000562074_00312_35436_0508.N1	09-DEC-2008 15:42:37	Dark	56.000	117	Pi Pup	2.7060	3800.0	112	35436	No
210	GOM_NL__2PRFIN20081209_154606_000000602074_00312_35436_0509.N1	09-DEC-2008 15:46:06	Straylight	59.500	23	21Eps CMa	1.5020	26000.	119	35436	No
211	GOM_NL__2PRFIN20081209_155107_000000542074_00312_35436_0510.N1	09-DEC-2008 15:51:07	Straylight	54.000	47	2Bet CMa	1.9760	28000.	108	35436	No
212	GOM_NL__2PRFIN20081209_155450_000000532074_00312_35436_0511.N1	09-DEC-2008 15:54:50	Straylight	53.000	7	19Bet Ori	0.10000	14000.	106	35436	No
213	GOM_NL__2PRFIN20081209_155720_000000502074_00312_35436_0512.N1	09-DEC-2008 15:57:20	Straylight	50.000	30	46Eps Ori	1.6940	30000.	100	35436	No
214	GOM_NL__2PRFIN20081209_155949_000000492074_00312_35436_0513.N1	09-DEC-2008 15:59:49	Tw_i_and_stray	48.500	27	24Gam Ori	1.6360	26000.	97	35436	No
215	GOM_NL__2PRFIN20081209_160223_000000572074_00312_35436_0514.N1	09-DEC-2008 16:02:23	Tw_i_and_stray	57.000	13	87Alp Tau	0.86700	3800.0	114	35436	No
216	GOM_NL__2PRFIN20081209_160635_000000372074_00312_35436_0515.N1	09-DEC-2008 16:06:35	Bright	36.500	150	44Zet Per	2.8900	28000.	73	35436	No
217	GOM_NL__2PRFIN20081209_160856_000000362074_00312_35436_0516.N1	09-DEC-2008 16:08:56	Bright	36.000	149	45Eps Per	2.8880	30000.	72	35436	No
218	GOM_NL__2PRFIN20081209_161109_000000322074_00312_35436_0517.N1	09-DEC-2008 16:11:09	Tw_i_and_stray	32.000	107	37The Aur	2.6490	11000.	64	35436	No
219	GOM_NL__2PRFIN20081209_161314_000000442074_00312_35436_0518.N1	09-DEC-2008 16:13:14	Bright	44.000	42	34Bet Aur	1.9000	10200.	88	35436	No

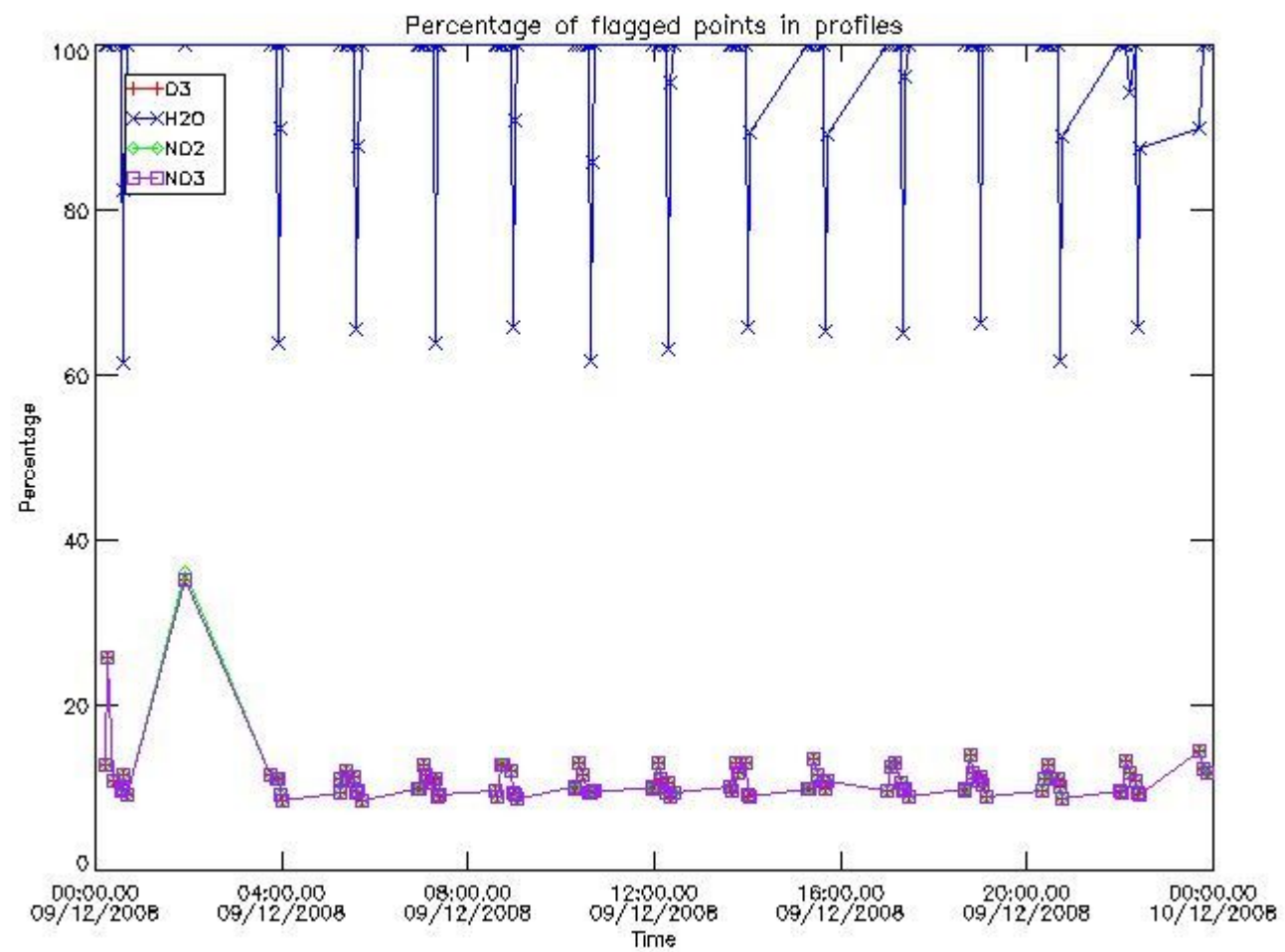
220	GOM_NL__2PRFIN20081209_162834_000000442074_00312_35436_0519.N1	09-DEC-2008 16:28:34	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	35436	No
221	GOM_NL__2PRFIN20081209_163005_000000482074_00312_35436_0520.N1	09-DEC-2008 16:30:05	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	35436	No
222	GOM_NL__2PRFIN20081209_163222_000000392074_00312_35436_0521.N1	09-DEC-2008 16:32:22	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	35436	No
223	GOM_NL__2PRFIN20081209_163443_000000382074_00312_35436_0522.N1	09-DEC-2008 16:34:43	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	35436	No
224	GOM_NL__2PRFIN20081209_163816_000000422074_00312_35436_0523.N1	09-DEC-2008 16:38:16	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	35436	No
225	GOM_NL__2PRFIN20081209_164408_000000392074_00312_35436_0524.N1	09-DEC-2008 16:44:08	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	35436	No
226	GOM_NL__2PRFIN20081209_164739_000000472074_00312_35436_0525.N1	09-DEC-2008 16:47:39	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	35436	No
227	GOM_NL__2PRFIN20081209_165332_000000462074_00312_35436_0526.N1	09-DEC-2008 16:53:32	Bright	46.000	15	67Alp Vir	0.97600	28000.	92	35436	No
228	GOM_NL__2PRFIN20081209_165700_000000432074_00312_35436_0527.N1	09-DEC-2008 16:57:00	Twilight	42.500	169	46Gam Hya	2.9910	4700.0	85	35436	No
229	GOM_NL__2PRFIN20081209_165843_000000542074_00312_35436_0528.N1	09-DEC-2008 16:58:43	Dark	53.500	100	4Gam Crv	2.5800	13100.	107	35436	No
230	GOM_NL__2PRFIN20081209_170020_000000532074_00312_35436_0529.N1	09-DEC-2008 17:00:20	Dark	53.000	171	2Eps Crv	3.0010	4250.0	106	35436	No
231	GOM_NL__2PRFIN20081209_170600_000000412074_00312_35436_0530.N1	09-DEC-2008 17:06:00	Dark	40.500	99	Del Cen	2.5750	26000.	81	35436	No
232	GOM_NL__2PRFIN20081209_170932_000000432074_00313_35437_0509.N1	09-DEC-2008 17:09:32	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	35437	No
233	GOM_NL__2PRFIN20081209_171811_000000492074_00313_35437_0510.N1	09-DEC-2008 17:18:11	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	35437	No
234	GOM_NL__2PRFIN20081209_172047_000000542074_00313_35437_0511.N1	09-DEC-2008 17:20:47	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	35437	No
235	GOM_NL__2PRFIN20081209_172314_000000522074_00313_35437_0512.N1	09-DEC-2008 17:23:14	Dark	51.500	117	Pi Pup	2.7060	3800.0	103	35437	No
236	GOM_NL__2PRFIN20081209_172642_000000582074_00313_35437_0513.N1	09-DEC-2008 17:26:42	Dark	57.500	23	21Eps CMa	1.5020	26000.	115	35437	No
237	GOM_NL__2PRFIN20081209_173143_000000542074_00313_35437_0514.N1	09-DEC-2008 17:31:43	Straylight	54.000	47	2Bet CMa	1.9760	28000.	108	35437	No
238	GOM_NL__2PRFIN20081209_173527_000000522074_00313_35437_0515.N1	09-DEC-2008 17:35:27	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	35437	No
239	GOM_NL__2PRFIN20081209_173756_000000522074_00313_35437_0516.N1	09-DEC-2008 17:37:56	Straylight	51.500	30	46Eps Ori	1.6940	30000.	103	35437	No
240	GOM_NL__2PRFIN20081209_174024_000000482074_00313_35437_0517.N1	09-DEC-2008 17:40:24	Tw_and_stray	48.000	27	24Gam Ori	1.6360	26000.	96	35437	No
241	GOM_NL__2PRFIN20081209_174259_000000572074_00313_35437_0518.N1	09-DEC-2008 17:42:59	Tw_and_stray	57.000	13	87Alp Tau	0.86700	3800.0	114	35437	No
242	GOM_NL__2PRFIN20081209_174711_000000362074_00313_35437_0519.N1	09-DEC-2008 17:47:11	Bright	36.000	150	44Zet Per	2.8900	28000.	72	35437	No
243	GOM_NL__2PRFIN20081209_174932_000000362074_00313_35437_0520.N1	09-DEC-2008 17:49:32	Bright	36.000	149	45Eps Per	2.8880	30000.	72	35437	No
244	GOM_NL__2PRFIN20081209_175145_000000322074_00313_35437_0521.N1	09-DEC-2008 17:51:45	Tw_and_stray	32.000	107	37The Aur	2.6490	11000.	64	35437	No
245	GOM_NL__2PRFIN20081209_175349_000000442074_00313_35437_0522.N1	09-DEC-2008 17:53:49	Bright	44.000	42	34Bet Aur	1.9000	10200.	88	35437	No
246	GOM_NL__2PRFIN20081209_180909_000000462074_00313_35437_0523.N1	09-DEC-2008 18:09:09	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	35437	No
247	GOM_NL__2PRFIN20081209_181040_000000472074_00313_35437_0524.N1	09-DEC-2008 18:10:40	Bright	46.500	82	48Bet UMa	2.3650	10600.	93	35437	No
248	GOM_NL__2PRFIN20081209_181257_000000402074_00313_35437_0525.N1	09-DEC-2008 18:12:57	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	35437	No
249	GOM_NL__2PRFIN20081209_181519_000000372074_00313_35437_0526.N1	09-DEC-2008 18:15:19	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	35437	No
250	GOM_NL__2PRFIN20081209_181852_000000422074_00313_35437_0527.N1	09-DEC-2008 18:18:52	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	35437	No
251	GOM_NL__2PRFIN20081209_182444_000000382074_00313_35437_0528.N1	09-DEC-2008 18:24:44	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	35437	No
252	GOM_NL__2PRFIN20081209_182816_000000502074_00313_35437_0529.N1	09-DEC-2008 18:28:16	Bright	49.500	138	47Eps Vir	2.8280	4700.0	99	35437	No
253	GOM_NL__2PRFIN20081209_183409_000000492074_00313_35437_0530.N1	09-DEC-2008 18:34:09	Bright	48.500	15	67Alp Vir	0.97600	28000.	97	35437	No
254	GOM_NL__2PRFIN20081209_183737_000000412074_00313_35437_0531.N1	09-DEC-2008 18:37:37	Twilight	41.000	169	46Gam Hya	2.9910	4700.0	82	35437	No
255	GOM_NL__2PRFIN20081209_183920_000000522074_00313_35437_0532.N1	09-DEC-2008 18:39:20	Dark	51.500	100	4Gam Crv	2.5800	13100.	103	35437	No
256	GOM_NL__2PRFIN20081209_184057_000000532074_00313_35437_0533.N1	09-DEC-2008 18:40:57	Dark	52.500	171	2Eps Crv	3.0010	4250.0	105	35437	No
257	GOM_NL__2PRFIN20081209_184637_000000402074_00313_35437_0534.N1	09-DEC-2008 18:46:37	Dark	40.000	99	Del Cen	2.5750	26000.	80	35437	No
258	GOM_NL__2PRFIN20081209_185009_000000432074_00314_35438_0513.N1	09-DEC-2008 18:50:09	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	35438	No
259	GOM_NL__2PRFIN20081209_185847_000000482074_00314_35438_0514.N1	09-DEC-2008 18:58:47	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	35438	No
260	GOM_NL__2PRFIN20081209_190124_000000452074_00314_35438_0515.N1	09-DEC-2008 19:01:24	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	35438	No
261	GOM_NL__2PRFIN20081209_190350_000000542074_00314_35438_0516.N1	09-DEC-2008 19:03:50	Dark	53.500	117	Pi Pup	2.7060	3800.0	107	35438	No
262	GOM_NL__2PRFIN20081209_190719_000000572074_00314_35438_0517.N1	09-DEC-2008 19:07:19	Dark	56.500	23	21Eps CMa	1.5020	26000.	113	35438	No
263	GOM_NL__2PRFIN20081209_191219_000000572074_00314_35438_0518.N1	09-DEC-2008 19:12:19	Straylight	57.000	47	2Bet CMa	1.9760	28000.	114	35438	No
264	GOM_NL__2PRFIN20081209_191603_000000492074_00314_35438_0519.N1	09-DEC-2008 19:16:03	Straylight	48.500	7	19Bet Ori	0.10000	14000.	97	35438	No
265	GOM_NL__2PRFIN20081209_191832_000000532074_00314_35438_0520.N1	09-DEC-2008 19:18:32	Straylight	52.500	30	46Eps Ori	1.6940	30000.	105	35438	No
266	GOM_NL__2PRFIN20081209_192100_000000482074_00314_35438_0521.N1	09-DEC-2008 19:21:00	Tw_and_stray	48.000	27	24Gam Ori	1.6360	26000.	96	35438	No
267	GOM_NL__2PRFIN20081209_192334_000000572074_00314_35438_0522.N1	09-DEC-2008 19:23:34	Tw_and_stray	57.000	13	87Alp Tau	0.86700	3800.0	114	35438	No
268	GOM_NL__2PRFIN20081209_192622_000000472074_00314_35438_0523.N1	09-DEC-2008 19:26:22	Bright	46.500	176	23Zet Tau	3.0200	22000.	93	35438	No
269	GOM_NL__2PRFIN20081209_192857_000000432074_00314_35438_0524.N1	09-DEC-2008 19:28:57	Bright	42.500	114	31ot Aur	2.6930	4600.0	85	35438	No
270	GOM_NL__2PRFIN20081209_193220_000000382074_00314_35438_0525.N1	09-DEC-2008 19:32:20	Bright	38.000	107	37The Aur	2.6490	11000.	76	35438	No
271	GOM_NL__2PRFIN20081209_193424_000000452074_00314_35438_0526.N1	09-DEC-2008 19:34:24	Bright	44.500	42	34Bet Aur	1.9000	10200.	89	35438	No
272	GOM_NL__2PRFIN20081209_194945_000000432074_00314_35438_0527.N1	09-DEC-2008 19:49:45	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	35438	No
273	GOM_NL__2PRFIN20081209_195116_000000492074_00314_35438_0528.N1	09-DEC-2008 19:51:16	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	35438	No
274	GOM_NL__2PRFIN20081209_195333_000000422074_00314_35438_0529.N1	09-DEC-2008 19:53:33	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	35438	No
275	GOM_NL__2PRFIN20081209_195555_000000372074_00314_35438_0530.N1	09-DEC-2008 19:55:55	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	35438	No
276	GOM_NL__2PRFIN20081209_195928_000000442074_00314_35438_0531.N1	09-DEC-2008 19:59:28	Bright	44.000	152	12Alp2CVn	2.8900	11000.	88	35438	No
277	GOM_NL__2PRFIN20081209_200520_000000392074_00314_35438_0532.N1	09-DEC-2008 20:05:20	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	35438	No
278	GOM_NL__2PRFIN20081209_200852_000000452074_00314_35438_0533.N1	09-DEC-2008 20:08:52	Bright	44.500	138	47Eps Vir	2.8280	4700.0	89	35438	No

279	GOM_NL__2PRFIN20081209_201446_000000482074_00314_35438_0534.N1	09-DEC-2008 20:14:46	Bright	47.500	15	67Alp Vir	0.97600	28000.	95	35438	No
280	GOM_NL__2PRFIN20081209_201814_000000402074_00314_35438_0535.N1	09-DEC-2008 20:18:14	Twilight	39.500	169	46Gam Hya	2.9910	4700.0	79	35438	No
281	GOM_NL__2PRFIN20081209_201957_000000532074_00314_35438_0536.N1	09-DEC-2008 20:19:57	Dark	52.500	100	4Gam Crv	2.5800	13100.	105	35438	No
282	GOM_NL__2PRFIN20081209_202134_000000512074_00314_35438_0537.N1	09-DEC-2008 20:21:34	Dark	50.500	171	2Eps Crv	3.0010	4250.0	101	35438	No
283	GOM_NL__2PRFIN20081209_202713_000000402074_00314_35438_0538.N1	09-DEC-2008 20:27:13	Dark	40.000	99	Del Cen	2.5750	26000.	80	35438	No
284	GOM_NL__2PRFIN20081209_203046_000000462074_00315_35439_0532.N1	09-DEC-2008 20:30:46	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	35439	No
285	GOM_NL__2PRFIN20081209_203924_000000462074_00315_35439_0533.N1	09-DEC-2008 20:39:24	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	35439	No
286	GOM_NL__2PRFIN20081209_204200_000000502074_00315_35439_0534.N1	09-DEC-2008 20:42:00	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	35439	No
287	GOM_NL__2PRFIN20081209_204427_000000592074_00315_35439_0535.N1	09-DEC-2008 20:44:27	Dark	58.500	117	Pi Pup	2.7060	3800.0	117	35439	No
288	GOM_NL__2PRFIN20081209_204755_000000582074_00315_35439_0536.N1	09-DEC-2008 20:47:55	Straylight	58.000	23	21Eps CMa	1.5020	26000.	116	35439	No
289	GOM_NL__2PRFIN20081209_205255_000000562074_00315_35439_0537.N1	09-DEC-2008 20:52:55	Straylight	55.500	47	2Bet CMa	1.9760	28000.	111	35439	No
290	GOM_NL__2PRFIN20081209_205638_000000542074_00315_35439_0538.N1	09-DEC-2008 20:56:38	Straylight	54.000	7	19Bet Ori	0.10000	14000.	108	35439	No
291	GOM_NL__2PRFIN20081209_205908_000000522074_00315_35439_0539.N1	09-DEC-2008 20:59:08	Straylight	52.000	30	46Eps Ori	1.6940	30000.	104	35439	No
292	GOM_NL__2PRFIN20081209_210136_000000512074_00315_35439_0540.N1	09-DEC-2008 21:01:36	Tw_and_stray	50.500	27	24Gam Ori	1.6360	26000.	101	35439	No
293	GOM_NL__2PRFIN20081209_210410_000000572074_00315_35439_0541.N1	09-DEC-2008 21:04:10	Tw_and_stray	57.000	13	87Alp Tau	0.86700	3800.0	114	35439	No
294	GOM_NL__2PRFIN20081209_210657_000000462074_00315_35439_0542.N1	09-DEC-2008 21:06:57	Bright	46.000	176	23Zet Tau	3.0200	22000.	92	35439	No
295	GOM_NL__2PRFIN20081209_210933_000000422074_00315_35439_0543.N1	09-DEC-2008 21:09:33	Bright	41.500	114	3lot Aur	2.6930	4600.0	83	35439	No
296	GOM_NL__2PRFIN20081209_211255_000000382074_00315_35439_0544.N1	09-DEC-2008 21:12:55	Bright	38.000	107	37The Aur	2.6490	11000.	76	35439	No
297	GOM_NL__2PRFIN20081209_211500_000000472074_00315_35439_0545.N1	09-DEC-2008 21:15:00	Bright	46.500	42	34Bet Aur	1.9000	10200.	93	35439	No
298	GOM_NL__2PRFIN20081209_213020_000000482074_00315_35439_0546.N1	09-DEC-2008 21:30:20	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	35439	No
299	GOM_NL__2PRFIN20081209_213151_000000492074_00315_35439_0547.N1	09-DEC-2008 21:31:51	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	35439	No
300	GOM_NL__2PRFIN20081209_213409_000000422074_00315_35439_0548.N1	09-DEC-2008 21:34:09	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	35439	No
301	GOM_NL__2PRFIN20081209_213631_000000372074_00315_35439_0549.N1	09-DEC-2008 21:36:31	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	35439	No
302	GOM_NL__2PRFIN20081209_214004_000000422074_00315_35439_0550.N1	09-DEC-2008 21:40:04	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	35439	No
303	GOM_NL__2PRFIN20081209_214556_000000382074_00315_35439_0551.N1	09-DEC-2008 21:45:56	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	35439	No
304	GOM_NL__2PRFIN20081209_214929_000000662074_00315_35439_0552.N1	09-DEC-2008 21:49:29	Bright	66.000	138	47Eps Vir	2.8280	4700.0	132	35439	No
305	GOM_NL__2PRFIN20081209_215522_000000482074_00315_35439_0553.N1	09-DEC-2008 21:55:22	Bright	48.000	15	67Alp Vir	0.97600	28000.	96	35439	No
306	GOM_NL__2PRFIN20081209_215850_000000452074_00315_35439_0554.N1	09-DEC-2008 21:58:50	Twilight	45.000	169	46Gam Hya	2.9910	4700.0	90	35439	No
307	GOM_NL__2PRFIN20081209_220034_000000532074_00315_35439_0555.N1	09-DEC-2008 22:00:34	Dark	52.500	100	4Gam Crv	2.5800	13100.	105	35439	No
308	GOM_NL__2PRFIN20081209_220211_000000542074_00315_35439_0556.N1	09-DEC-2008 22:02:11	Dark	54.000	171	2Eps Crv	3.0010	4250.0	108	35439	No
309	GOM_NL__2PRFIN20081209_220750_000000392074_00315_35439_0557.N1	09-DEC-2008 22:07:50	Dark	38.500	99	Del Cen	2.5750	26000.	77	35439	No
310	GOM_NL__2PRFIN20081209_221122_000000432074_00316_35440_0536.N1	09-DEC-2008 22:11:22	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	35440	No
311	GOM_NL__2PRFIN20081209_222001_000000472074_00316_35440_0537.N1	09-DEC-2008 22:20:01	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	35440	No
312	GOM_NL__2PRFIN20081209_222236_000000552074_00316_35440_0538.N1	09-DEC-2008 22:22:36	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	35440	No
313	GOM_NL__2PRFIN20081209_222503_000000562074_00316_35440_0539.N1	09-DEC-2008 22:25:03	Dark	56.000	117	Pi Pup	2.7060	3800.0	112	35440	No
314	GOM_NL__2PRFIN20081209_222831_000000582074_00316_35440_0540.N1	09-DEC-2008 22:28:31	Straylight	57.500	23	21Eps CMa	1.5020	26000.	115	35440	No
315	GOM_NL__2PRFIN20081209_223332_000000552074_00316_35440_0541.N1	09-DEC-2008 22:33:32	Straylight	55.000	47	2Bet CMa	1.9760	28000.	110	35440	No
316	GOM_NL__2PRFIN20081209_223714_000000522074_00316_35440_0542.N1	09-DEC-2008 22:37:14	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	35440	No
317	GOM_NL__2PRFIN20081209_223943_000000502074_00316_35440_0543.N1	09-DEC-2008 22:39:43	Straylight	50.000	30	46Eps Ori	1.6940	30000.	100	35440	No
318	GOM_NL__2PRFIN20081209_224211_000000502074_00316_35440_0544.N1	09-DEC-2008 22:42:11	Tw_and_stray	50.000	27	24Gam Ori	1.6360	26000.	100	35440	No
319	GOM_NL__2PRFIN20081209_224446_000000562074_00316_35440_0545.N1	09-DEC-2008 22:44:46	Tw_and_stray	56.000	13	87Alp Tau	0.86700	3800.0	112	35440	No
320	GOM_NL__2PRFIN20081209_224732_000000462074_00316_35440_0546.N1	09-DEC-2008 22:47:32	Bright	45.500	176	23Zet Tau	3.0200	22000.	91	35440	No
321	GOM_NL__2PRFIN20081209_225008_000000422074_00316_35440_0547.N1	09-DEC-2008 22:50:08	Bright	41.500	114	3lot Aur	2.6930	4600.0	83	35440	No
322	GOM_NL__2PRFIN20081209_225330_000000442074_00316_35440_0548.N1	09-DEC-2008 22:53:30	Bright	44.000	107	37The Aur	2.6490	11000.	88	35440	No
323	GOM_NL__2PRFIN20081209_225535_000000452074_00316_35440_0549.N1	09-DEC-2008 22:55:35	Bright	44.500	42	34Bet Aur	1.9000	10200.	89	35440	No
324	GOM_NL__2PRFIN20081209_231055_000000472074_00316_35440_0550.N1	09-DEC-2008 23:10:55	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	35440	No
325	GOM_NL__2PRFIN20081209_231226_000000482074_00316_35440_0551.N1	09-DEC-2008 23:12:26	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	35440	No
326	GOM_NL__2PRFIN20081209_231445_000000412074_00316_35440_0552.N1	09-DEC-2008 23:14:45	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	35440	No
327	GOM_NL__2PRFIN20081209_231707_000000562074_00316_35440_0553.N1	09-DEC-2008 23:17:07	Bright	56.000	39	85Eta UMa	1.8540	24000.	112	35440	No
328	GOM_NL__2PRFIN20081209_232040_000000442074_00316_35440_0554.N1	09-DEC-2008 23:20:40	Bright	43.500	152	12Alp2CVn	2.8900	11000.	87	35440	No
329	GOM_NL__2PRFIN20081209_232633_000000382074_00316_35440_0555.N1	09-DEC-2008 23:26:33	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	35440	No
330	GOM_NL__2PRFIN20081209_233005_000000472074_00316_35440_0556.N1	09-DEC-2008 23:30:05	Bright	47.000	138	47Eps Vir	2.8280	4700.0	94	35440	No
331	GOM_NL__2PRFIN20081209_233558_000000502074_00316_35440_0557.N1	09-DEC-2008 23:35:58	Bright	49.500	15	67Alp Vir	0.97600	28000.	99	35440	No
332	GOM_NL__2PRFIN20081209_233926_000000432074_00316_35440_0558.N1	09-DEC-2008 23:39:26	Twilight	43.000	169	46Gam Hya	2.9910	4700.0	86	35440	No
333	GOM_NL__2PRFIN20081209_234248_000000602074_00316_35440_0559.N1	09-DEC-2008 23:42:48	Dark	59.500	171	2Eps Crv	3.0010	4250.0	119	35440	No
334	GOM_NL__2PRFIN20081209_234826_000000422074_00316_35440_0560.N1	09-DEC-2008 23:48:26	Dark	41.500	99	Del Cen	2.5750	26000.	83	35440	No
335	GOM_NL__2PRFIN20081209_235159_000000442074_00317_35441_0540.N1	09-DEC-2008 23:51:59	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	35441	No

3. Quality information per product

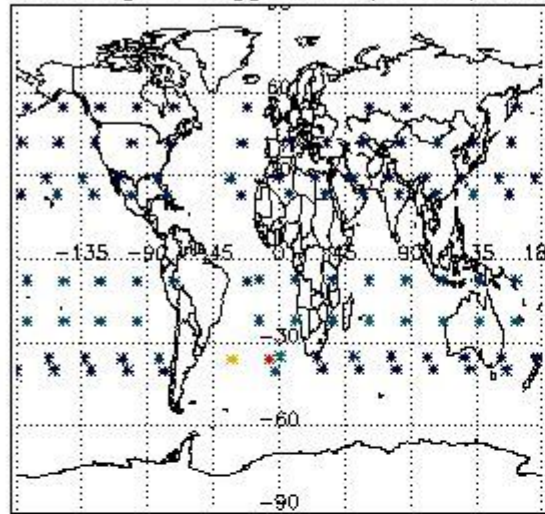
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

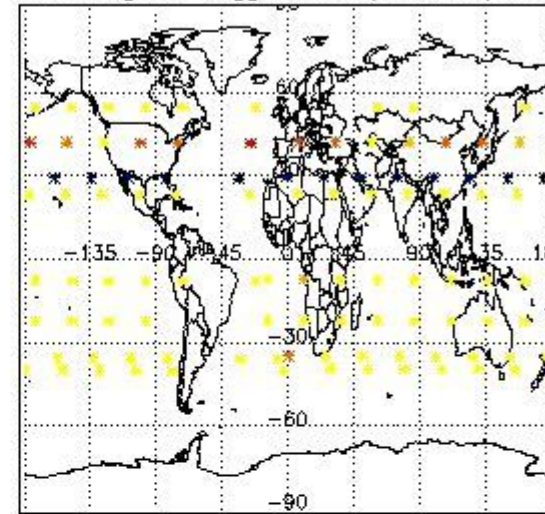


3.2 Plot quality information per product (world map)

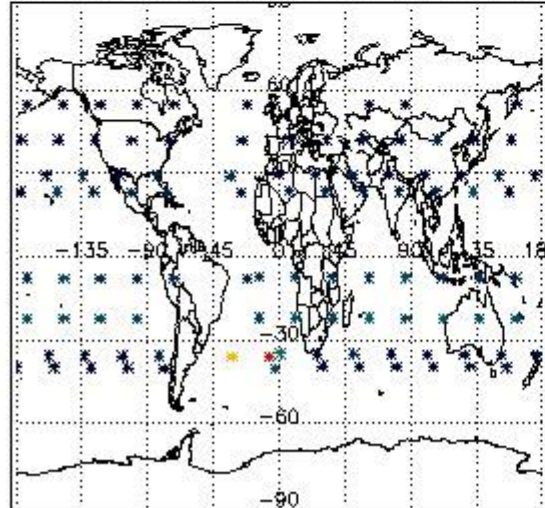
Percentage of flagged data per O3 profile



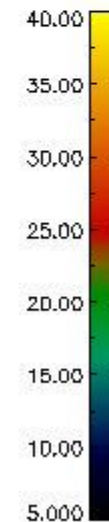
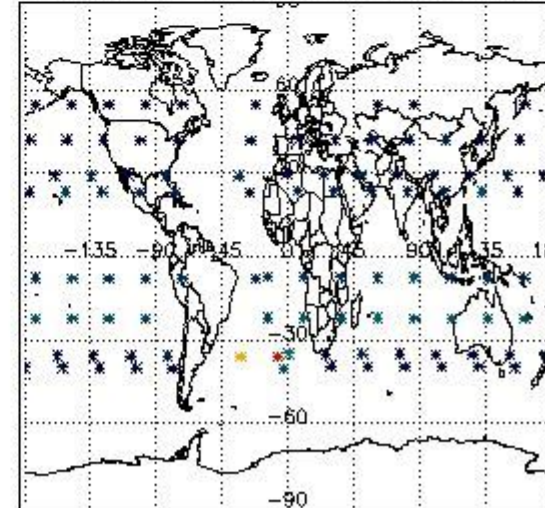
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

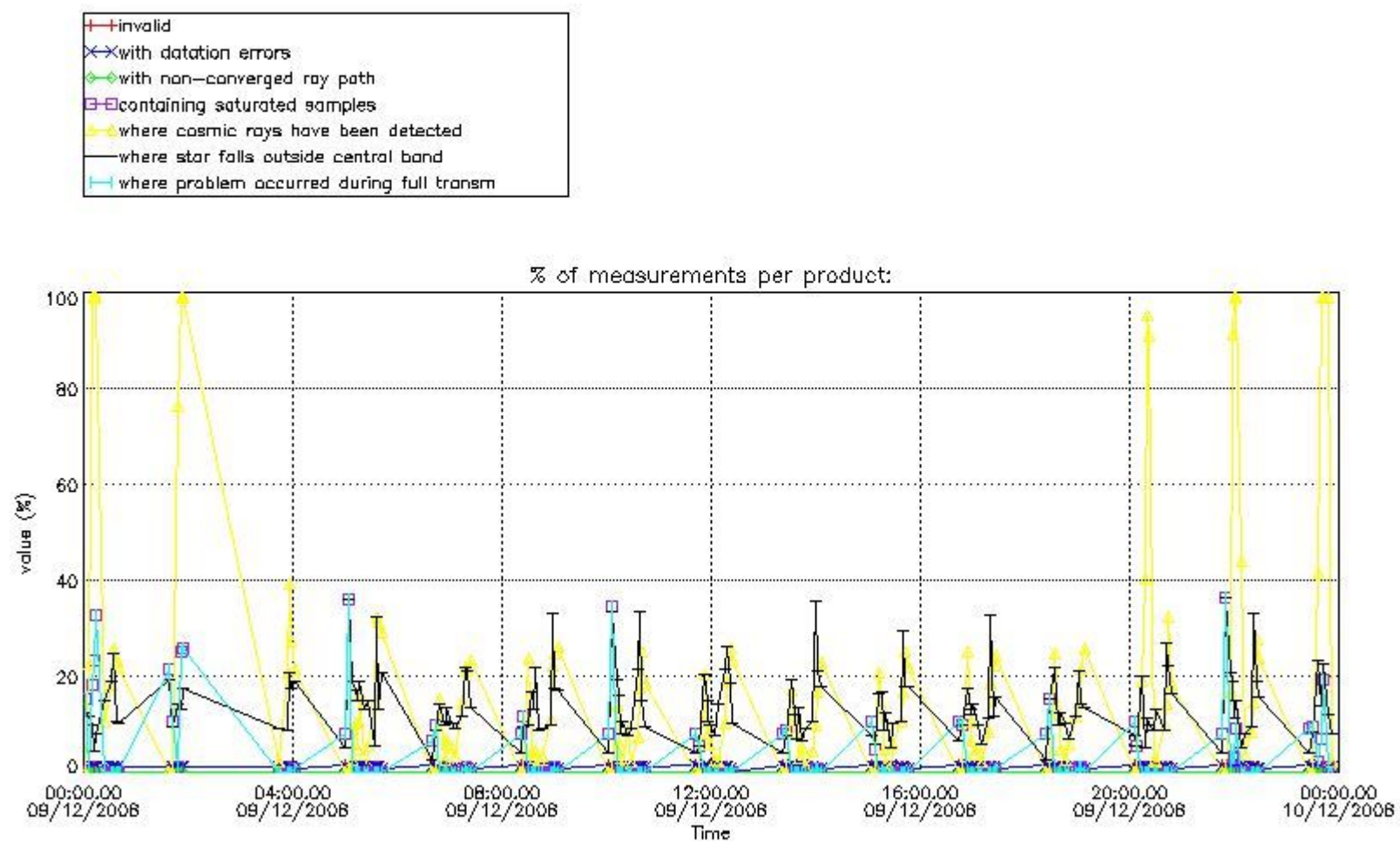


4. Level 1 quality information per product

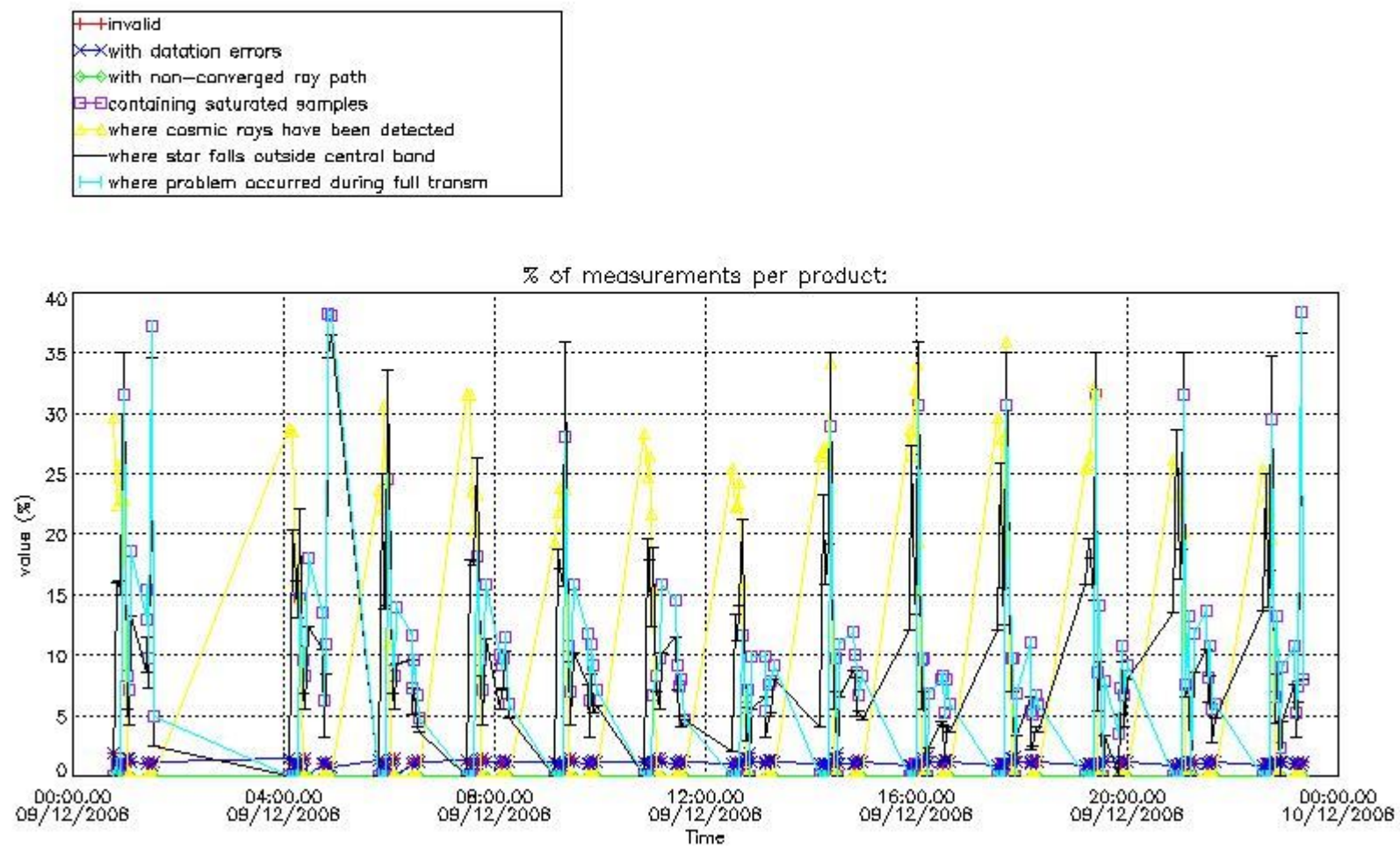
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



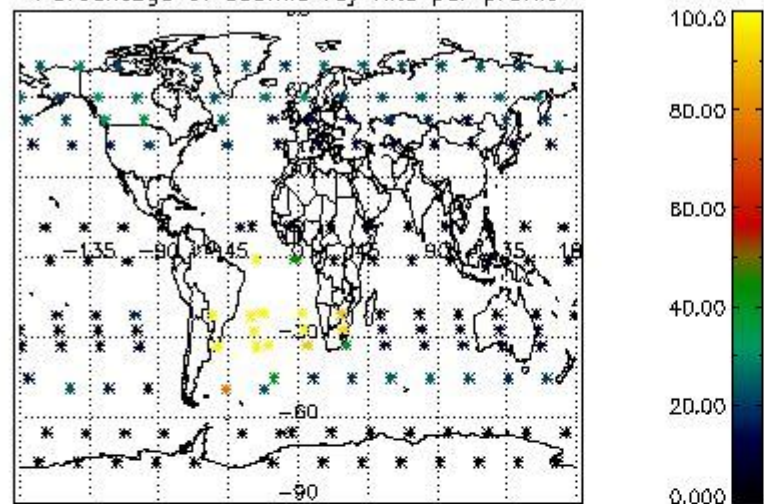
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



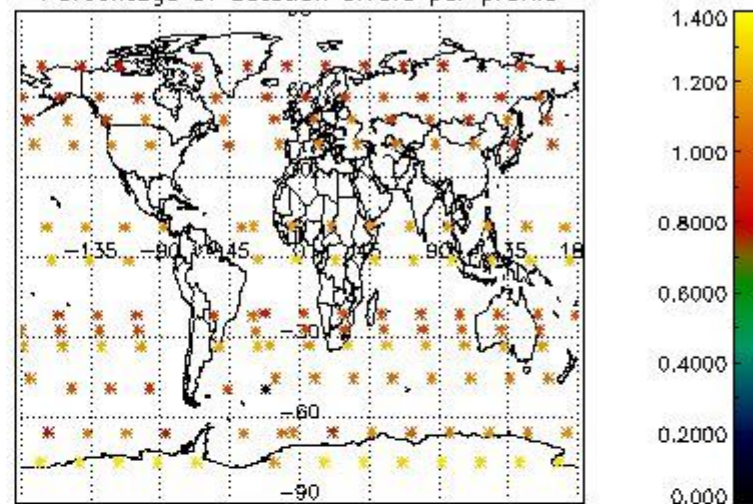
4.2 Plot quality information per product coming from level 1b processing (world map)

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

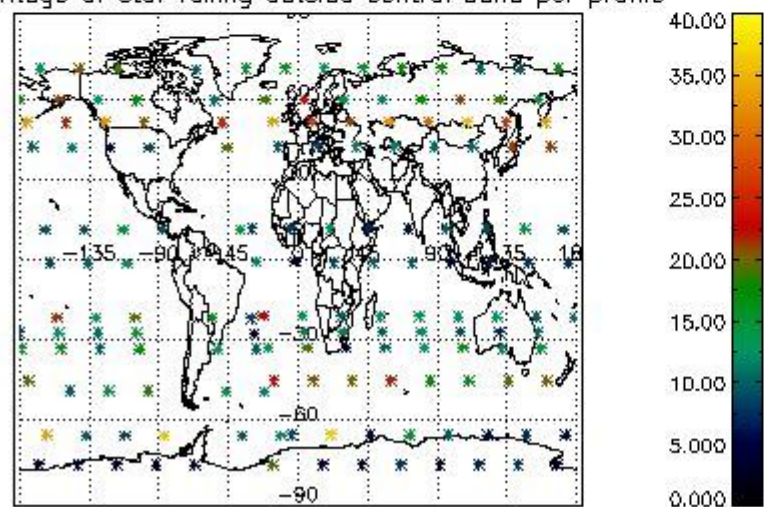
Percentage of cosmic ray hits per profile



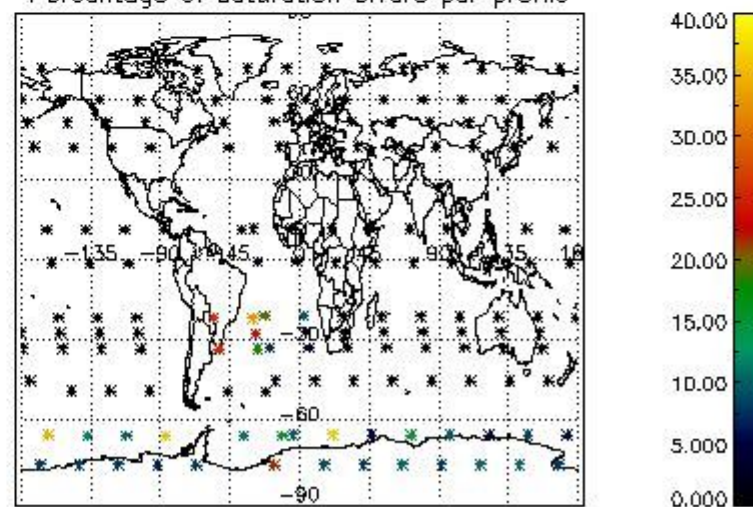
Percentage of datation errors per profile



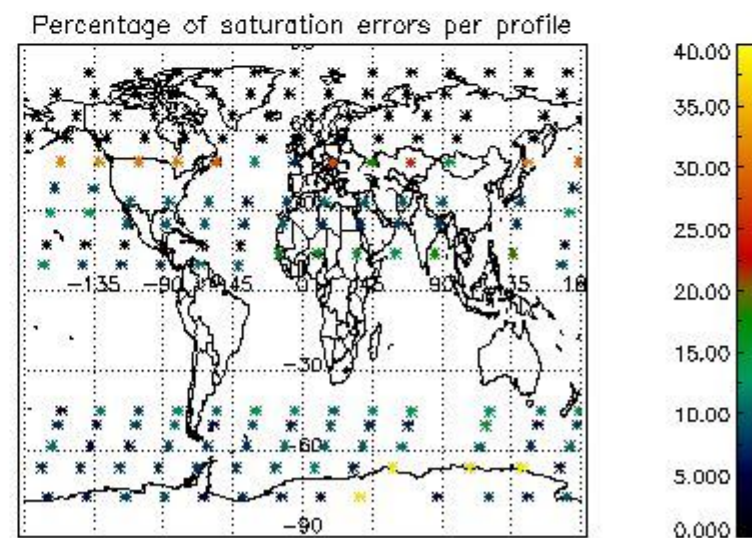
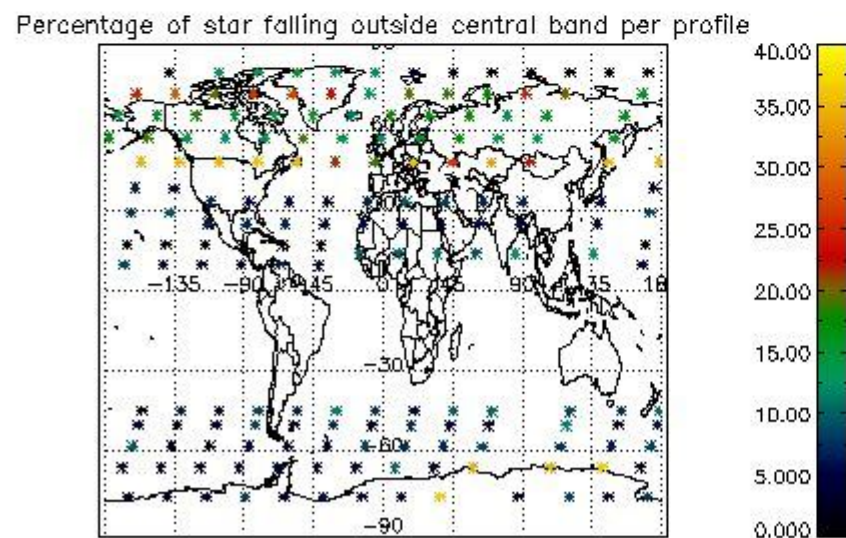
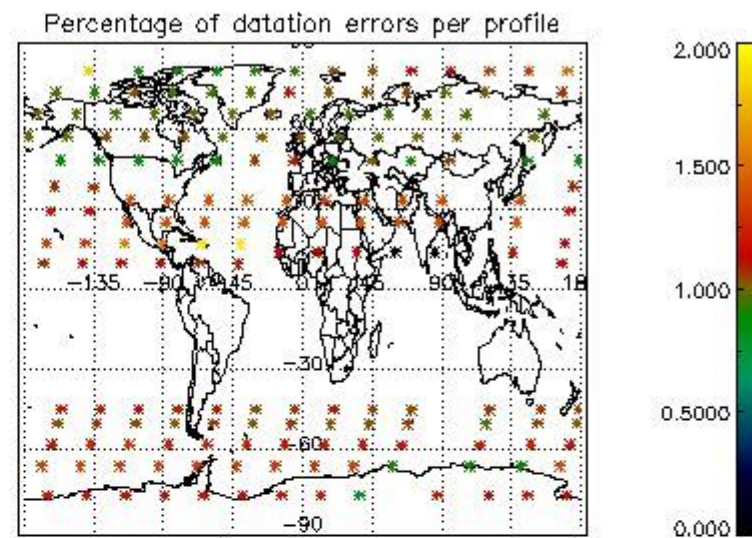
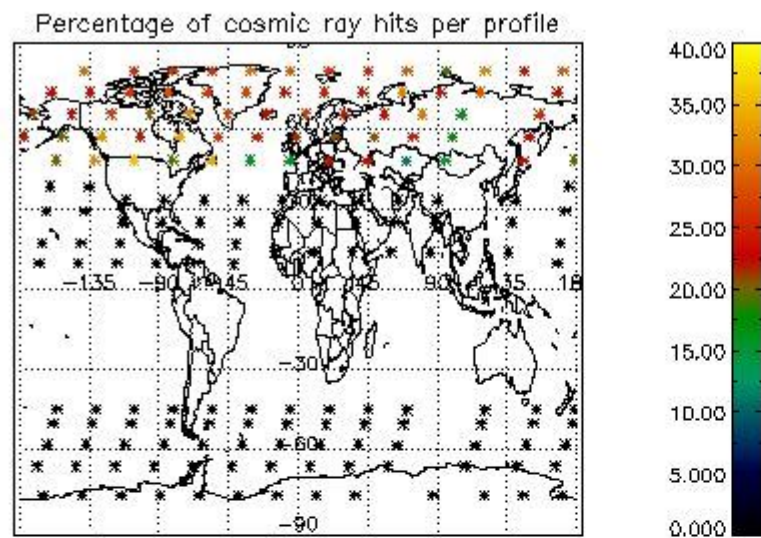
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

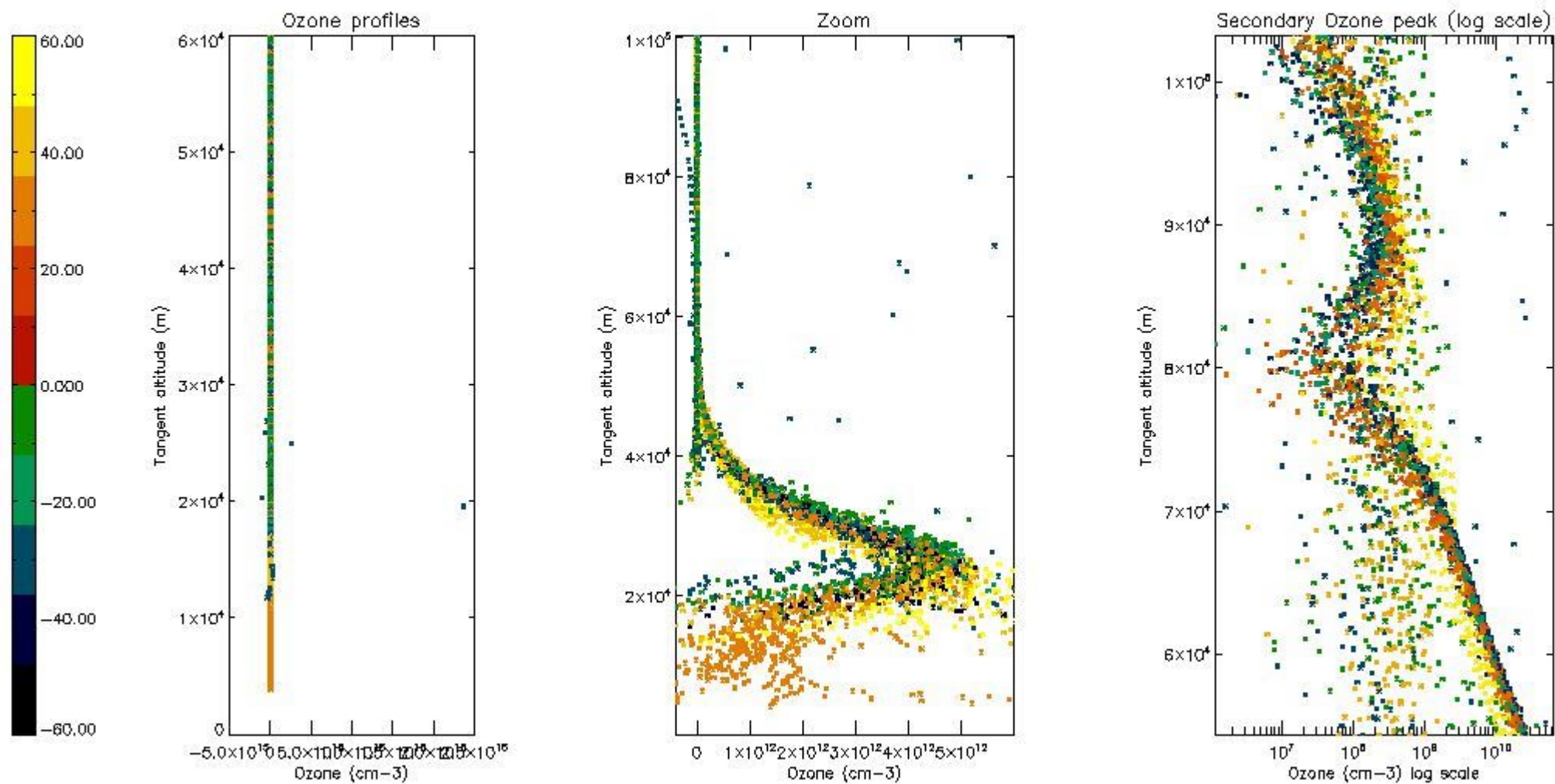
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	16

STD < 10	12
STD < 5	9

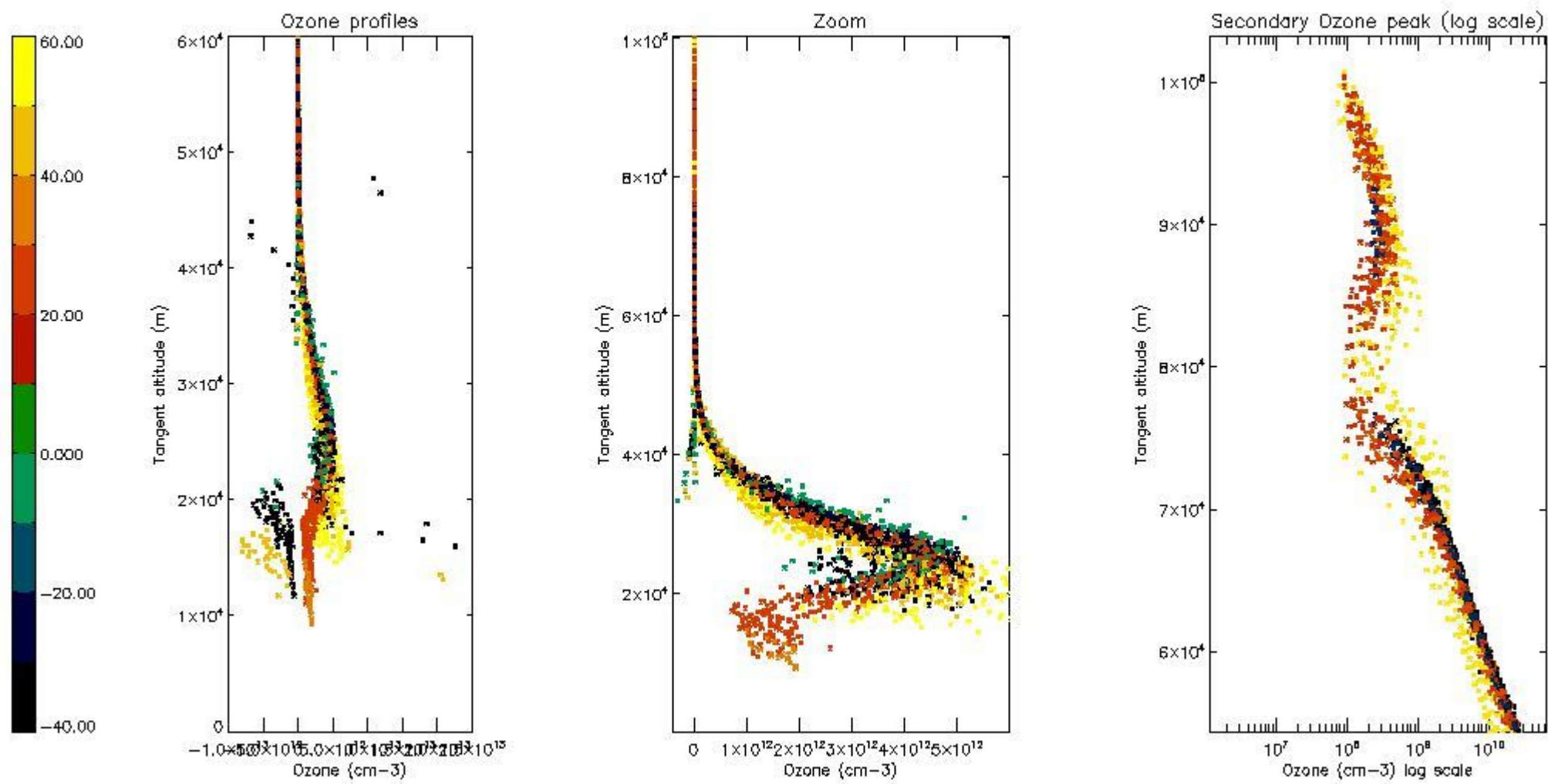
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



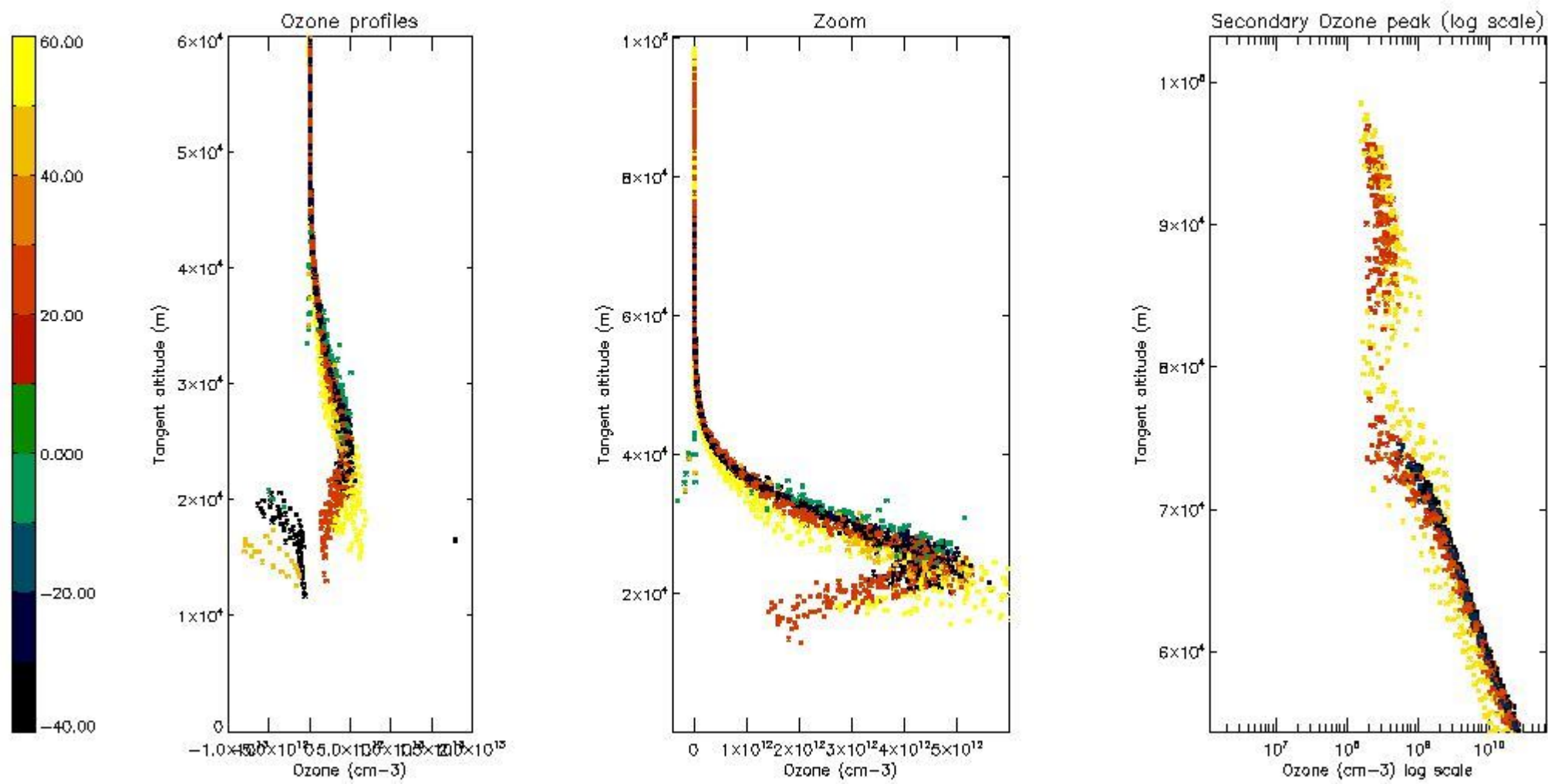
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



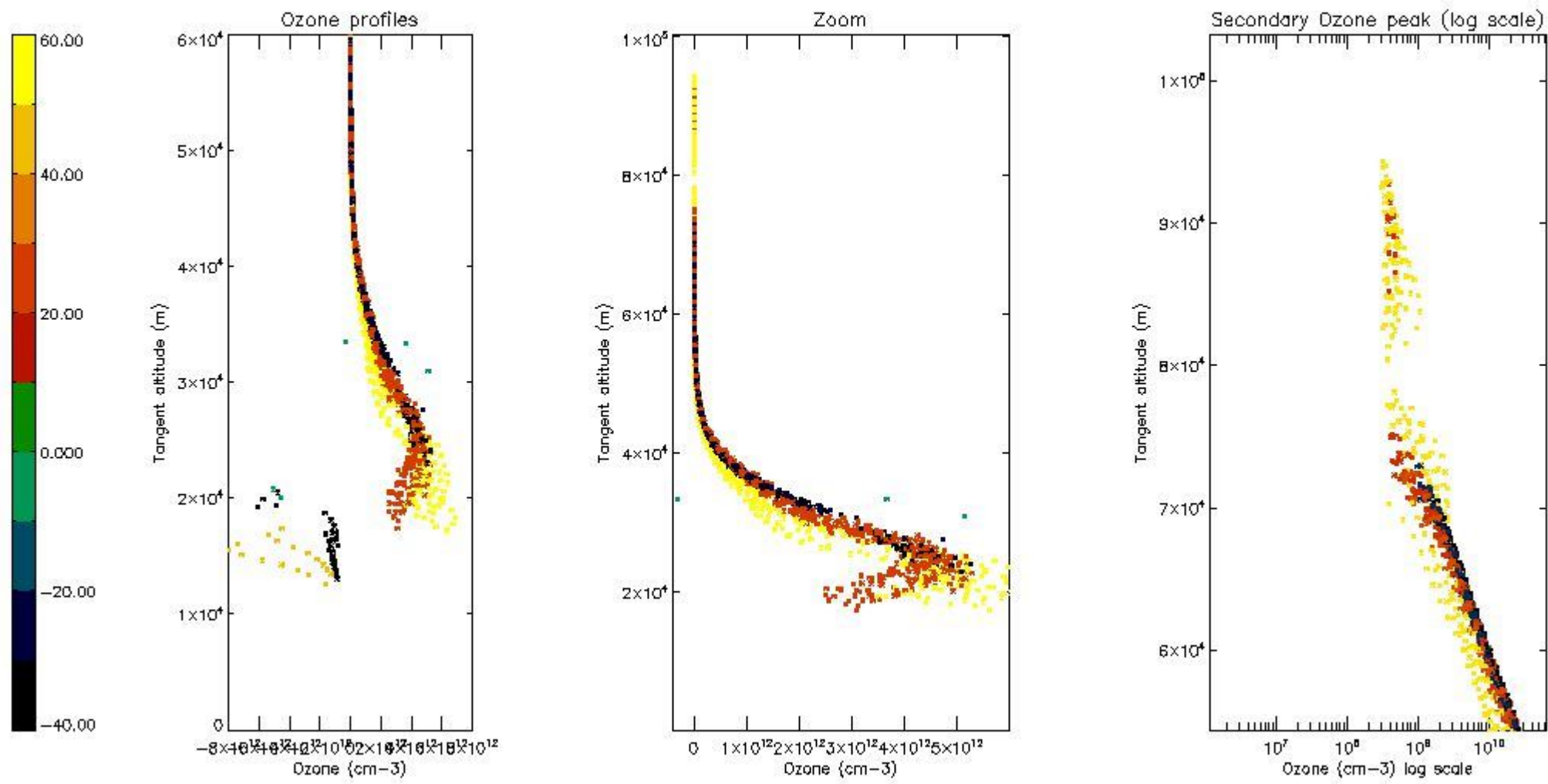
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



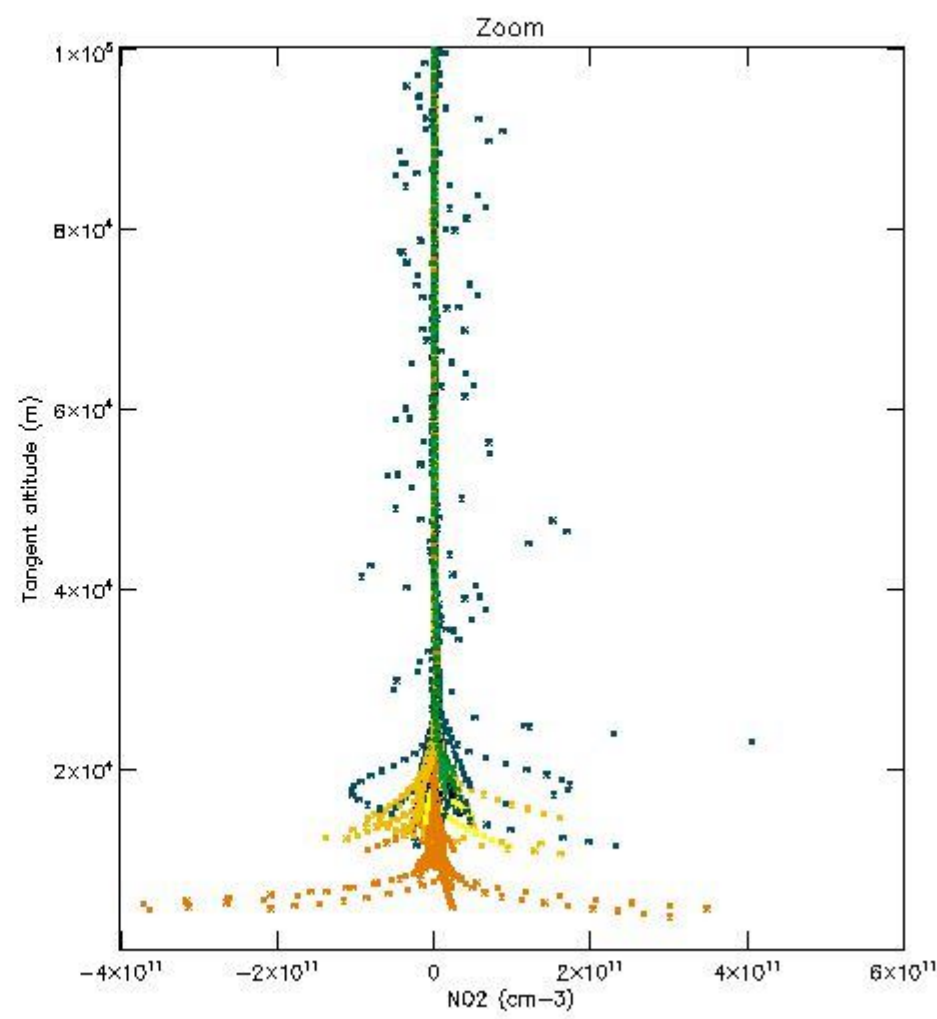
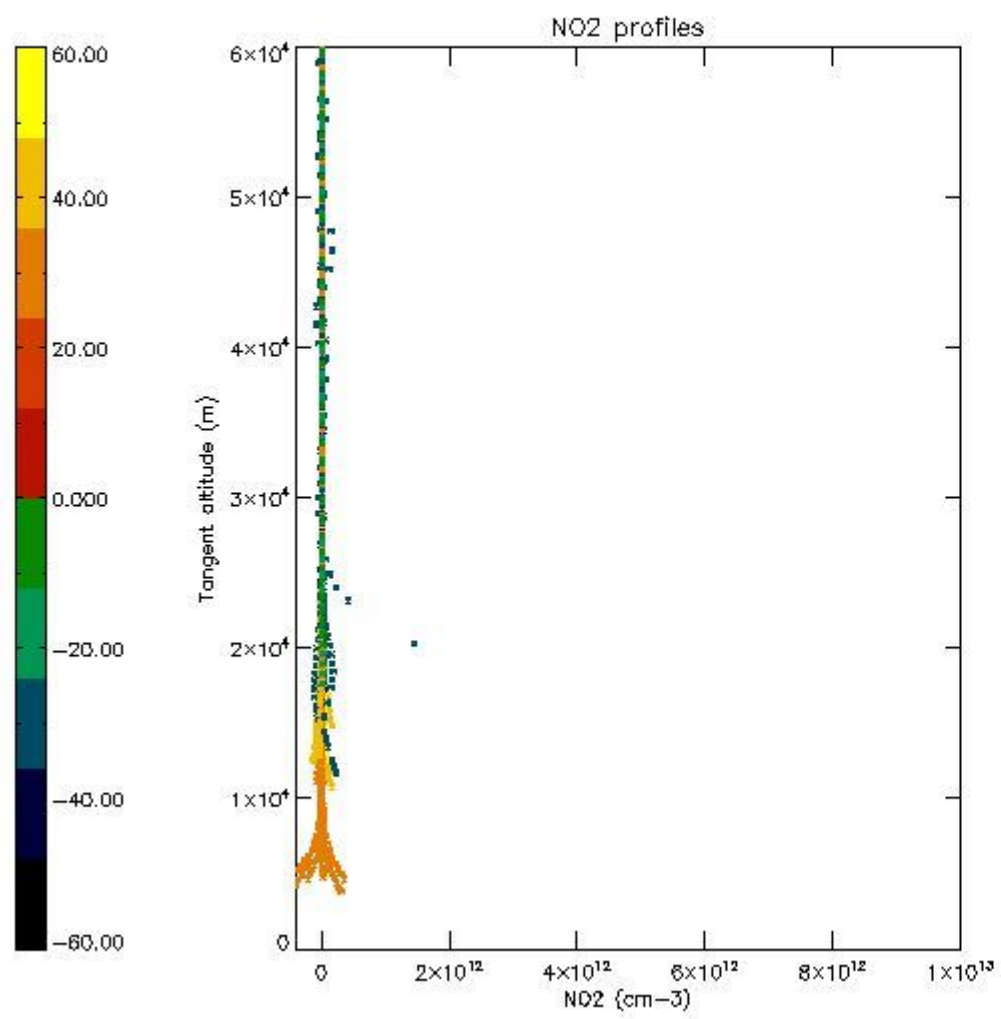
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



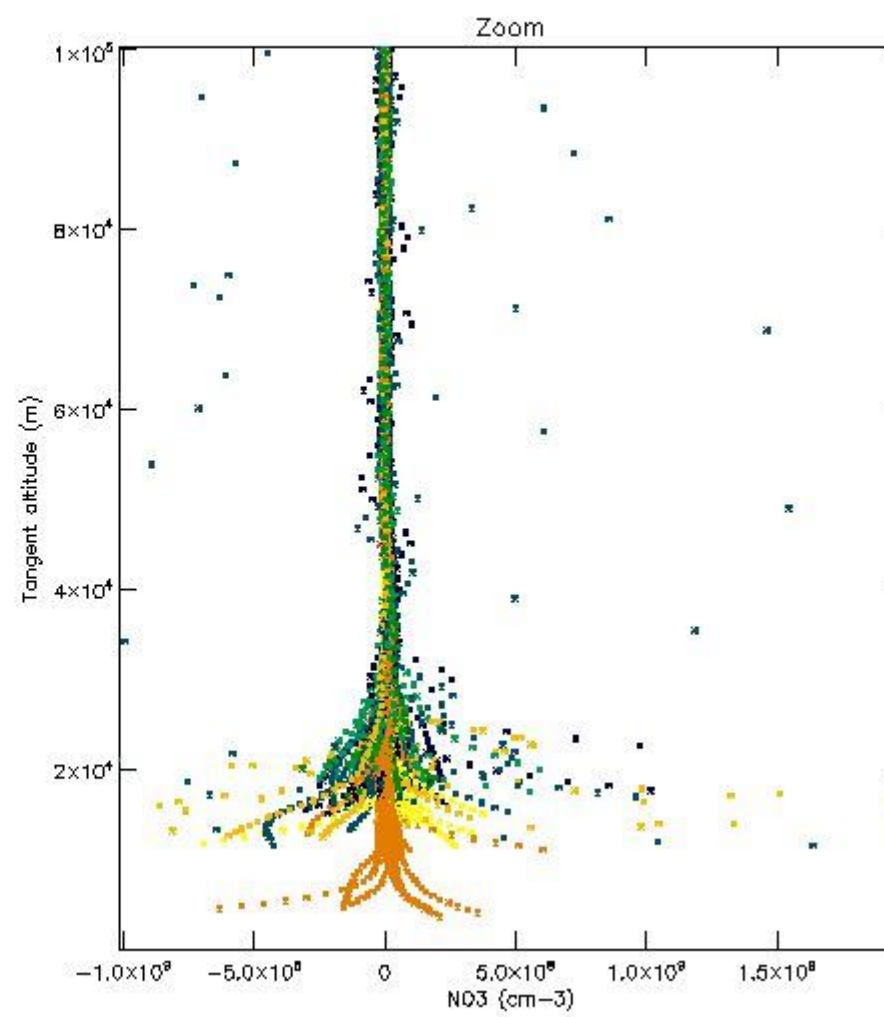
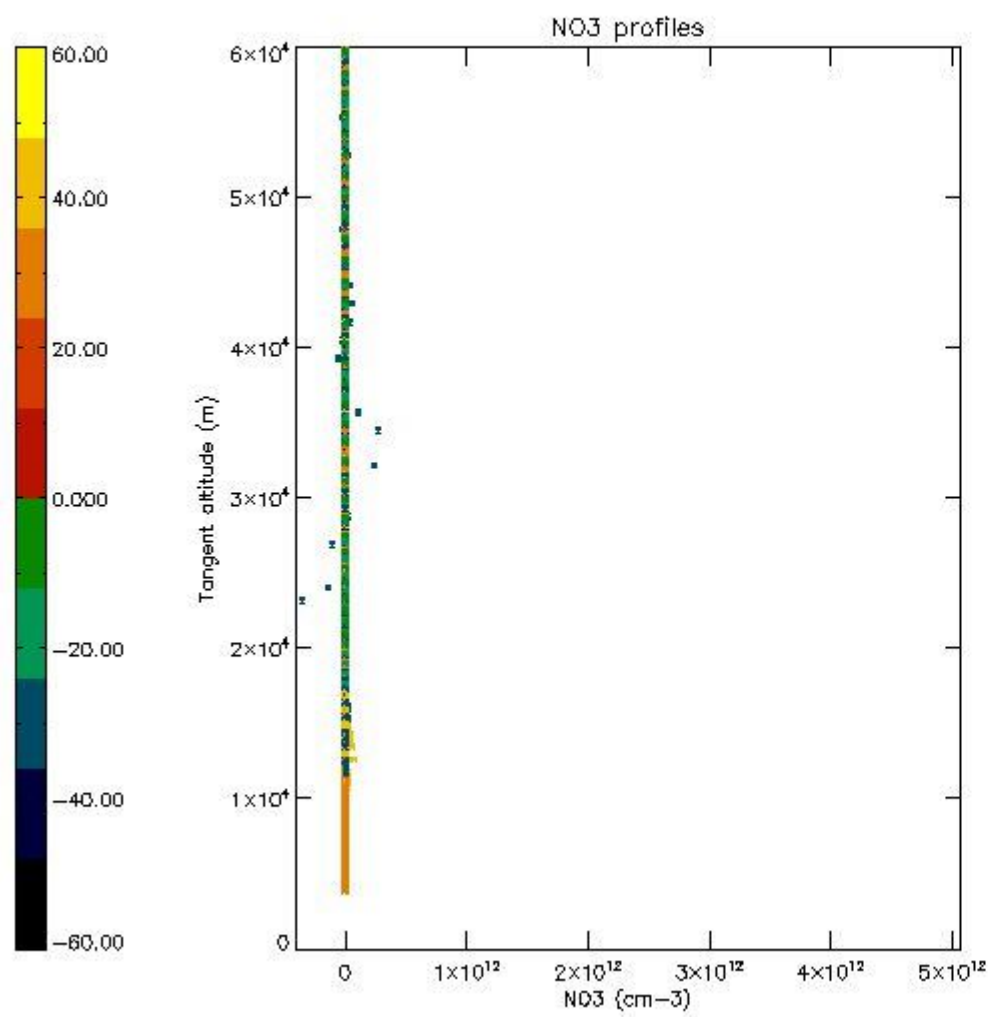
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



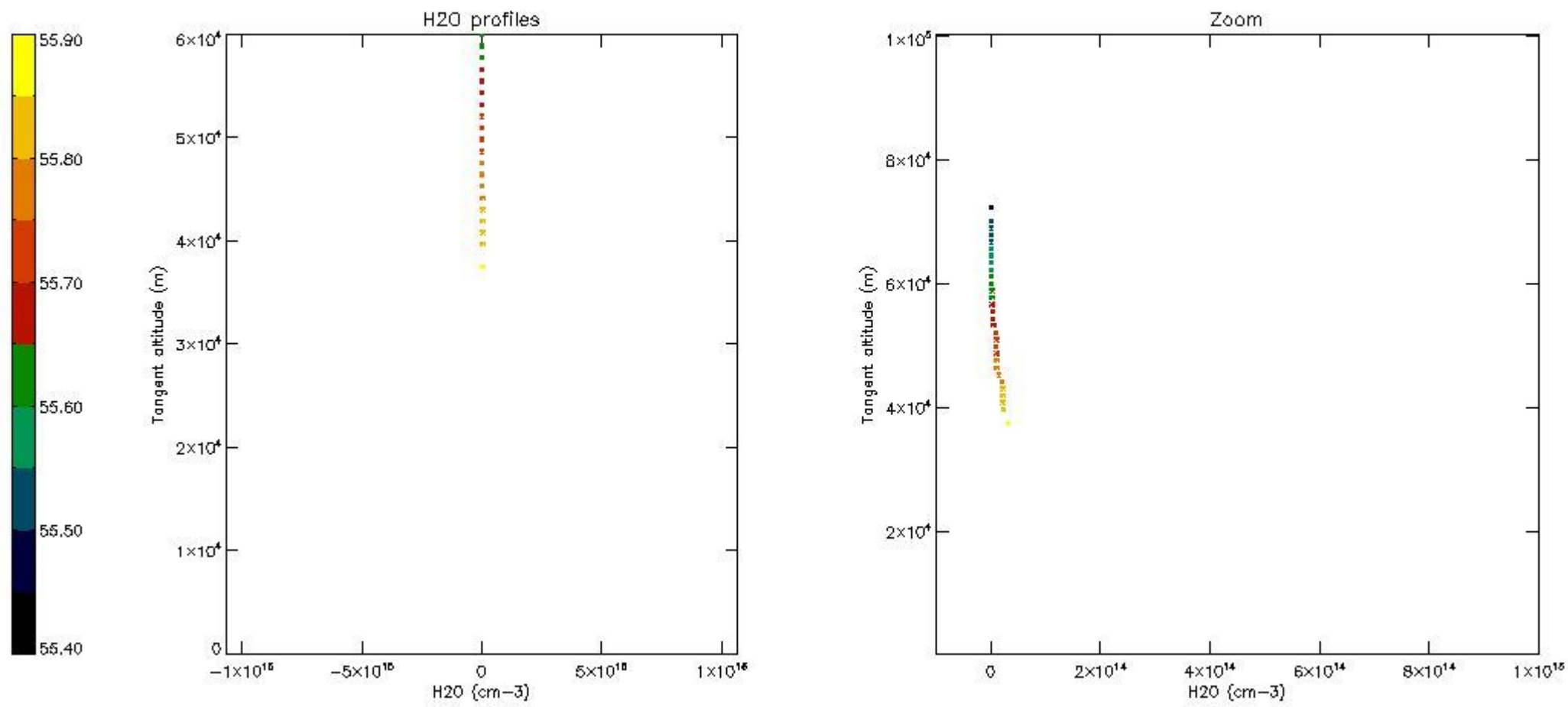
5.7 Plot NO3 profiles for all STD (dark without errors)

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	09-DEC-2008 00:01:35
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-DEC-2008 00:01:35
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-DEC-2008 00:01:35

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	25APR2013 23:23:54
Data source version	GOMOS/6.01
Start time of products	09-12-2008 (09DEC2008 00:00:00)
Stop time of products	10-12-2008 (10DEC2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	335
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20081209_000135_000000492074_00302_35426_0485.N1	09-DEC-2008 00:01:35	Bright	49.000	138	47Eps Vir	2.8280	4700.0	98	35426	No
2	GOM_NL__2PRFIN20081209_000624_000000512074_00302_35426_0486.N1	09-DEC-2008 00:06:24	Twilight	51.000	121	29Gam Vir	2.7400	7200.0	102	35426	No
3	GOM_NL__2PRFIN20081209_001055_000000412074_00302_35426_0487.N1	09-DEC-2008 00:10:55	Twilight	41.000	169	46Gam Hya	2.9910	4700.0	82	35426	No
4	GOM_NL__2PRFIN20081209_001233_000000482074_00302_35426_0488.N1	09-DEC-2008 00:12:33	Dark	47.500	100	4Gam Crv	2.5800	13100.	95	35426	No
5	GOM_NL__2PRFIN20081209_001409_000000492074_00302_35426_0489.N1	09-DEC-2008 00:14:09	Dark	49.000	171	2Eps Crv	3.0010	4250.0	98	35426	No
6	GOM_NL__2PRFIN20081209_002324_000000472074_00303_35427_0470.N1	09-DEC-2008 00:23:24	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	35427	No
7	GOM_NL__2PRFIN20081209_003203_000000532074_00303_35427_0471.N1	09-DEC-2008 00:32:03	Dark	52.500	34	Gam2Vel	1.7930	23000.	105	35427	No
8	GOM_NL__2PRFIN20081209_003443_000000492074_00303_35427_0472.N1	09-DEC-2008 00:34:43	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	35427	No
9	GOM_NL__2PRFIN20081209_003707_000000522074_00303_35427_0473.N1	09-DEC-2008 00:37:07	Dark	51.500	117	Pi Pup	2.7060	3800.0	103	35427	No
10	GOM_NL__2PRFIN20081209_004037_000000552074_00303_35427_0474.N1	09-DEC-2008 00:40:37	Dark	55.000	23	21Eps CMa	1.5020	26000.	110	35427	No
11	GOM_NL__2PRFIN20081209_004542_000000272074_00303_35427_0475.N1	09-DEC-2008 00:45:42	Straylight	27.000	47	2Bet CMa	1.9760	28000.	54	35427	No
12	GOM_NL__2PRFIN20081209_004927_000000472074_00303_35427_0476.N1	09-DEC-2008 00:49:27	Straylight	47.000	7	19Bet Ori	0.10000	14000.	94	35427	No
13	GOM_NL__2PRFIN20081209_005159_000000532074_00303_35427_0477.N1	09-DEC-2008 00:51:59	Straylight	52.500	30	46Eps Ori	1.6940	30000.	105	35427	No
14	GOM_NL__2PRFIN20081209_005428_000000502074_00303_35427_0478.N1	09-DEC-2008 00:54:28	Twilight	50.000	27	24Gam Ori	1.6360	26000.	100	35427	No
15	GOM_NL__2PRFIN20081209_005701_000000572074_00303_35427_0479.N1	09-DEC-2008 00:57:01	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	35427	No
16	GOM_NL__2PRFIN20081209_010112_000000362074_00303_35427_0480.N1	09-DEC-2008 01:01:12	Bright	36.000	150	44Zet Per	2.8900	28000.	72	35427	No
17	GOM_NL__2PRFIN20081209_010333_000000352074_00303_35427_0481.N1	09-DEC-2008 01:03:33	Bright	35.000	149	45Eps Per	2.8880	30000.	70	35427	No
18	GOM_NL__2PRFIN20081209_010640_000000462074_00303_35427_0482.N1	09-DEC-2008 01:06:40	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	35427	No
19	GOM_NL__2PRFIN20081209_012314_000000472074_00303_35427_0483.N1	09-DEC-2008 01:23:14	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	35427	No
20	GOM_NL__2PRFIN20081209_012446_000000522074_00303_35427_0484.N1	09-DEC-2008 01:24:46	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	35427	No
21	GOM_NL__2PRFIN20081209_012659_000000412074_00303_35427_0485.N1	09-DEC-2008 01:26:59	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	35427	No
22	GOM_NL__2PRFIN20081209_012920_000000552074_00303_35427_0486.N1	09-DEC-2008 01:29:20	Bright	55.000	39	85Eta UMa	1.8540	24000.	110	35427	No
23	GOM_NL__2PRFIN20081209_013252_000000412074_00303_35427_0487.N1	09-DEC-2008 01:32:52	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	35427	No
24	GOM_NL__2PRFIN20081209_013842_000000442074_00303_35427_0488.N1	09-DEC-2008 01:38:42	Bright	44.000	111	8Eta Boo	2.6800	6000.0	88	35427	No
25	GOM_NL__2PRFIN20081209_014211_000000472074_00303_35427_0489.N1	09-DEC-2008 01:42:11	Bright	47.000	138	47Eps Vir	2.8280	4700.0	94	35427	No
26	GOM_NL__2PRFIN20081209_014701_000000532074_00303_35427_0490.N1	09-DEC-2008 01:47:01	Twilight	52.500	121	29Gam Vir	2.7400	7200.0	105	35427	No
27	GOM_NL__2PRFIN20081209_015132_000000422074_00303_35427_0491.N1	09-DEC-2008 01:51:32	Twilight	42.000	169	46Gam Hya	2.9910	4700.0	84	35427	No
28	GOM_NL__2PRFIN20081209_015446_000000552074_00303_35427_0492.N1	09-DEC-2008 01:54:46	Dark	54.500	171	2Eps Crv	3.0010	4250.0	109	35427	No
29	GOM_NL__2PRFIN20081209_034438_000000442074_00305_35429_0477.N1	09-DEC-2008 03:44:38	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	35429	No
30	GOM_NL__2PRFIN20081209_035317_000000462074_00305_35429_0478.N1	09-DEC-2008 03:53:17	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	35429	No
31	GOM_NL__2PRFIN20081209_035556_000000462074_00305_35429_0479.N1	09-DEC-2008 03:55:56	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	35429	No
32	GOM_NL__2PRFIN20081209_035821_000000552074_00305_35429_0480.N1	09-DEC-2008 03:58:21	Dark	55.000	117	Pi Pup	2.7060	3800.0	110	35429	No
33	GOM_NL__2PRFIN20081209_040151_000000612074_00305_35429_0481.N1	09-DEC-2008 04:01:51	Dark	61.000	23	21Eps CMa	1.5020	26000.	122	35429	No
34	GOM_NL__2PRFIN20081209_040655_000000332074_00305_35429_0482.N1	09-DEC-2008 04:06:55	Straylight	33.000	47	2Bet CMa	1.9760	28000.	66	35429	No
35	GOM_NL__2PRFIN20081209_041039_000000492074_00305_35429_0483.N1	09-DEC-2008 04:10:39	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	35429	No
36	GOM_NL__2PRFIN20081209_041310_000000532074_00305_35429_0484.N1	09-DEC-2008 04:13:10	Straylight	52.500	30	46Eps Ori	1.6940	30000.	105	35429	No
37	GOM_NL__2PRFIN20081209_041539_000000502074_00305_35429_0485.N1	09-DEC-2008 04:15:39	Twilight	49.500	27	24Gam Ori	1.6360	26000.	99	35429	No
38	GOM_NL__2PRFIN20081209_041813_000000482074_00305_35429_0486.N1	09-DEC-2008 04:18:13	Twilight	47.500	13	87Alp Tau	0.86700	3800.0	95	35429	No
39	GOM_NL__2PRFIN20081209_042224_000000372074_00305_35429_0487.N1	09-DEC-2008 04:22:24	Bright	36.500	150	44Zet Per	2.8900	28000.	73	35429	No
40	GOM_NL__2PRFIN20081209_042445_000000362074_00305_35429_0488.N1	09-DEC-2008 04:24:45	Bright	36.000	149	45Eps Per	2.8880	30000.	72	35429	No
41	GOM_NL__2PRFIN20081209_042751_000000452074_00305_35429_0489.N1	09-DEC-2008 04:27:51	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	35429	No
42	GOM_NL__2PRFIN20081209_044425_000000482074_00305_35429_0490.N1	09-DEC-2008 04:44:25	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	35429	No

43	GOM_NL__2PRFIN20081209_044557_000000482074_00305_35429_0491.N1	09-DEC-2008 04:45:57	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	35429	No
44	GOM_NL__2PRFIN20081209_044811_000000422074_00305_35429_0492.N1	09-DEC-2008 04:48:11	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	35429	No
45	GOM_NL__2PRFIN20081209_045032_000000552074_00305_35429_0493.N1	09-DEC-2008 04:50:32	Bright	55.000	39	85Eta UMa	1.8540	24000.	110	35429	No
46	GOM_NL__2PRFIN20081209_045404_000000632074_00305_35429_0494.N1	09-DEC-2008 04:54:04	Bright	63.000	152	12Alp2CVn	2.8900	11000.	126	35429	No
47	GOM_NL__2PRFIN20081209_045954_000000382074_00305_35429_0495.N1	09-DEC-2008 04:59:54	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	35429	No
48	GOM_NL__2PRFIN20081209_050324_000000652074_00305_35429_0496.N1	09-DEC-2008 05:03:24	Bright	65.000	138	47Eps Vir	2.8280	4700.0	130	35429	No
49	GOM_NL__2PRFIN20081209_050815_000000562074_00305_35429_0497.N1	09-DEC-2008 05:08:15	Twilight	56.000	121	29Gam Vir	2.7400	7200.0	112	35429	No
50	GOM_NL__2PRFIN20081209_051245_000000442074_00305_35429_0498.N1	09-DEC-2008 05:12:45	Twilight	44.000	169	46Gam Hya	2.9910	4700.0	88	35429	No
51	GOM_NL__2PRFIN20081209_051424_000000542074_00305_35429_0499.N1	09-DEC-2008 05:14:24	Dark	54.000	100	4Gam Crv	2.5800	13100.	108	35429	No
52	GOM_NL__2PRFIN20081209_051601_000000552074_00305_35429_0500.N1	09-DEC-2008 05:16:01	Dark	55.000	171	2Eps Crv	3.0010	4250.0	110	35429	No
53	GOM_NL__2PRFIN20081209_052144_000000422074_00305_35429_0501.N1	09-DEC-2008 05:21:44	Dark	42.000	99	Del Cen	2.5750	26000.	84	35429	No
54	GOM_NL__2PRFIN20081209_052514_000000472074_00306_35430_0481.N1	09-DEC-2008 05:25:14	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	35430	No
55	GOM_NL__2PRFIN20081209_053354_000000452074_00306_35430_0482.N1	09-DEC-2008 05:33:54	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	35430	No
56	GOM_NL__2PRFIN20081209_053633_000000542074_00306_35430_0483.N1	09-DEC-2008 05:36:33	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	35430	No
57	GOM_NL__2PRFIN20081209_053858_000000532074_00306_35430_0484.N1	09-DEC-2008 05:38:58	Dark	53.000	117	Pi Pup	2.7060	3800.0	106	35430	No
58	GOM_NL__2PRFIN20081209_054227_000000612074_00306_35430_0485.N1	09-DEC-2008 05:42:27	Dark	60.500	23	21Eps CMa	1.5020	26000.	121	35430	No
59	GOM_NL__2PRFIN20081209_054731_000000382074_00306_35430_0486.N1	09-DEC-2008 05:47:31	Straylight	38.000	47	2Bet CMa	1.9760	28000.	76	35430	No
60	GOM_NL__2PRFIN20081209_055115_000000522074_00306_35430_0487.N1	09-DEC-2008 05:51:15	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	35430	No
61	GOM_NL__2PRFIN20081209_055346_000000512074_00306_35430_0488.N1	09-DEC-2008 05:53:46	Straylight	50.500	30	46Eps Ori	1.6940	30000.	101	35430	No
62	GOM_NL__2PRFIN20081209_055615_000000502074_00306_35430_0489.N1	09-DEC-2008 05:56:15	Twilight	49.500	27	24Gam Ori	1.6360	26000.	99	35430	No
63	GOM_NL__2PRFIN20081209_055848_000000552074_00306_35430_0490.N1	09-DEC-2008 05:58:48	Twilight	55.000	13	87Alp Tau	0.86700	3800.0	110	35430	No
64	GOM_NL__2PRFIN20081209_060300_000000372074_00306_35430_0491.N1	09-DEC-2008 06:03:00	Bright	36.500	150	44Zet Per	2.8900	28000.	73	35430	No
65	GOM_NL__2PRFIN20081209_060521_000000362074_00306_35430_0492.N1	09-DEC-2008 06:05:21	Bright	36.000	149	45Eps Per	2.8880	30000.	72	35430	No
66	GOM_NL__2PRFIN20081209_060827_000000432074_00306_35430_0493.N1	09-DEC-2008 06:08:27	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	35430	No
67	GOM_NL__2PRFIN20081209_062501_000000472074_00306_35430_0494.N1	09-DEC-2008 06:25:01	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	35430	No
68	GOM_NL__2PRFIN20081209_062632_000000492074_00306_35430_0495.N1	09-DEC-2008 06:26:32	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	35430	No
69	GOM_NL__2PRFIN20081209_062847_000000422074_00306_35430_0496.N1	09-DEC-2008 06:28:47	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	35430	No
70	GOM_NL__2PRFIN20081209_063108_000000372074_00306_35430_0497.N1	09-DEC-2008 06:31:08	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	35430	No
71	GOM_NL__2PRFIN20081209_063440_000000422074_00306_35430_0498.N1	09-DEC-2008 06:34:40	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	35430	No
72	GOM_NL__2PRFIN20081209_064030_000000382074_00306_35430_0499.N1	09-DEC-2008 06:40:30	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	35430	No
73	GOM_NL__2PRFIN20081209_064401_000000462074_00306_35430_0500.N1	09-DEC-2008 06:44:01	Bright	46.000	138	47Eps Vir	2.8280	4700.0	92	35430	No
74	GOM_NL__2PRFIN20081209_064852_000000532074_00306_35430_0501.N1	09-DEC-2008 06:48:52	Twilight	52.500	121	29Gam Vir	2.7400	7200.0	105	35430	No
75	GOM_NL__2PRFIN20081209_065321_000000412074_00306_35430_0502.N1	09-DEC-2008 06:53:21	Twilight	41.000	169	46Gam Hya	2.9910	4700.0	82	35430	No
76	GOM_NL__2PRFIN20081209_065501_000000522074_00306_35430_0503.N1	09-DEC-2008 06:55:01	Dark	51.500	100	4Gam Crv	2.5800	13100.	103	35430	No
77	GOM_NL__2PRFIN20081209_065638_000000522074_00306_35430_0504.N1	09-DEC-2008 06:56:38	Dark	52.000	171	2Eps Crv	3.0010	4250.0	104	35430	No
78	GOM_NL__2PRFIN20081209_070221_000000402074_00306_35430_0505.N1	09-DEC-2008 07:02:21	Dark	40.000	99	Del Cen	2.5750	26000.	80	35430	No
79	GOM_NL__2PRFIN20081209_070551_000000442074_00307_35431_0485.N1	09-DEC-2008 07:05:51	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	35431	No
80	GOM_NL__2PRFIN20081209_071431_000000482074_00307_35431_0486.N1	09-DEC-2008 07:14:31	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	35431	No
81	GOM_NL__2PRFIN20081209_071709_000000462074_00307_35431_0487.N1	09-DEC-2008 07:17:09	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	35431	No
82	GOM_NL__2PRFIN20081209_071934_000000572074_00307_35431_0488.N1	09-DEC-2008 07:19:34	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	35431	No
83	GOM_NL__2PRFIN20081209_072304_000000562074_00307_35431_0489.N1	09-DEC-2008 07:23:04	Dark	56.000	23	21Eps CMa	1.5020	26000.	112	35431	No
84	GOM_NL__2PRFIN20081209_072807_000000382074_00307_35431_0490.N1	09-DEC-2008 07:28:07	Straylight	38.000	47	2Bet CMa	1.9760	28000.	76	35431	No
85	GOM_NL__2PRFIN20081209_073151_000000482074_00307_35431_0491.N1	09-DEC-2008 07:31:51	Straylight	47.500	7	19Bet Ori	0.10000	14000.	95	35431	No
86	GOM_NL__2PRFIN20081209_073422_000000532074_00307_35431_0492.N1	09-DEC-2008 07:34:22	Straylight	53.000	30	46Eps Ori	1.6940	30000.	106	35431	No
87	GOM_NL__2PRFIN20081209_073651_000000522074_00307_35431_0493.N1	09-DEC-2008 07:36:51	Twilight	51.500	27	24Gam Ori	1.6360	26000.	103	35431	No
88	GOM_NL__2PRFIN20081209_073924_000000502074_00307_35431_0494.N1	09-DEC-2008 07:39:24	Twilight	49.500	13	87Alp Tau	0.86700	3800.0	99	35431	No
89	GOM_NL__2PRFIN20081209_074336_000000372074_00307_35431_0495.N1	09-DEC-2008 07:43:36	Bright	36.500	150	44Zet Per	2.8900	28000.	73	35431	No
90	GOM_NL__2PRFIN20081209_074557_000000352074_00307_35431_0496.N1	09-DEC-2008 07:45:57	Bright	35.000	149	45Eps Per	2.8880	30000.	70	35431	No
91	GOM_NL__2PRFIN20081209_074902_000000442074_00307_35431_0497.N1	09-DEC-2008 07:49:02	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	35431	No
92	GOM_NL__2PRFIN20081209_080536_000000452074_00307_35431_0498.N1	09-DEC-2008 08:05:36	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	35431	No
93	GOM_NL__2PRFIN20081209_080708_000000492074_00307_35431_0499.N1	09-DEC-2008 08:07:08	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	35431	No
94	GOM_NL__2PRFIN20081209_080923_000000412074_00307_35431_0500.N1	09-DEC-2008 08:09:23	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	35431	No
95	GOM_NL__2PRFIN20081209_081144_000000392074_00307_35431_0501.N1	09-DEC-2008 08:11:44	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	35431	No
96	GOM_NL__2PRFIN20081209_081516_000000422074_00307_35431_0502.N1	09-DEC-2008 08:15:16	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	35431	No
97	GOM_NL__2PRFIN20081209_082107_000000382074_00307_35431_0503.N1	09-DEC-2008 08:21:07	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	35431	No
98	GOM_NL__2PRFIN20081209_082437_000000472074_00307_35431_0504.N1	09-DEC-2008 08:24:37	Bright	47.000	138	47Eps Vir	2.8280	4700.0	94	35431	No
99	GOM_NL__2PRFIN20081209_082928_000000512074_00307_35431_0505.N1	09-DEC-2008 08:29:28	Twilight	50.500	121	29Gam Vir	2.7400	7200.0	101	35431	No
100	GOM_NL__2PRFIN20081209_083358_000000452074_00307_35431_0506.N1	09-DEC-2008 08:33:58	Twilight	44.500	169	46Gam Hya	2.9910	4700.0	89	35431	No
101	GOM_NL__2PRFIN20081209_083538_000000542074_00307_35431_0507.N1	09-DEC-2008 08:35:38	Dark	53.500	100	4Gam Crv	2.5800	13100.	107	35431	No

102	GOM_NL__2PRFIN20081209_083715_000000582074_00307_35431_0508.N1	09-DEC-2008 08:37:15	Dark	57.500	171	2Eps Crv	3.0010	4250.0	115	35431	No
103	GOM_NL__2PRFIN20081209_084257_000000402074_00307_35431_0509.N1	09-DEC-2008 08:42:57	Dark	40.000	99	Del Cen	2.5750	26000.	80	35431	No
104	GOM_NL__2PRFIN20081209_084628_000000442074_00308_35432_0489.N1	09-DEC-2008 08:46:28	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	35432	No
105	GOM_NL__2PRFIN20081209_085507_000000472074_00308_35432_0490.N1	09-DEC-2008 08:55:07	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	35432	No
106	GOM_NL__2PRFIN20081209_085745_000000552074_00308_35432_0491.N1	09-DEC-2008 08:57:45	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	35432	No
107	GOM_NL__2PRFIN20081209_090011_000000552074_00308_35432_0492.N1	09-DEC-2008 09:00:11	Dark	55.000	117	Pi Pup	2.7060	3800.0	110	35432	No
108	GOM_NL__2PRFIN20081209_090340_000000592074_00308_35432_0493.N1	09-DEC-2008 09:03:40	Dark	59.000	23	21Eps CMa	1.5020	26000.	118	35432	No
109	GOM_NL__2PRFIN20081209_090843_000000442074_00308_35432_0494.N1	09-DEC-2008 09:08:43	Straylight	44.000	47	2Bet CMa	1.9760	28000.	88	35432	No
110	GOM_NL__2PRFIN20081209_091227_000000482074_00308_35432_0495.N1	09-DEC-2008 09:12:27	Straylight	48.000	7	19Bet Ori	0.10000	14000.	96	35432	No
111	GOM_NL__2PRFIN20081209_091457_000000532074_00308_35432_0496.N1	09-DEC-2008 09:14:57	Straylight	52.500	30	46Eps Ori	1.6940	30000.	105	35432	No
112	GOM_NL__2PRFIN20081209_091726_000000512074_00308_35432_0497.N1	09-DEC-2008 09:17:26	Tw_i_and_stray	51.000	27	24Gam Ori	1.6360	26000.	102	35432	No
113	GOM_NL__2PRFIN20081209_092000_000000572074_00308_35432_0498.N1	09-DEC-2008 09:20:00	Tw_i_and_stray	57.000	13	87Alp Tau	0.86700	3800.0	114	35432	No
114	GOM_NL__2PRFIN20081209_092412_000000372074_00308_35432_0499.N1	09-DEC-2008 09:24:12	Bright	37.000	150	44Zet Per	2.8900	28000.	74	35432	No
115	GOM_NL__2PRFIN20081209_092632_000000362074_00308_35432_0500.N1	09-DEC-2008 09:26:32	Bright	35.500	149	45Eps Per	2.8880	30000.	71	35432	No
116	GOM_NL__2PRFIN20081209_092938_000000442074_00308_35432_0501.N1	09-DEC-2008 09:29:38	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	35432	No
117	GOM_NL__2PRFIN20081209_094612_000000472074_00308_35432_0502.N1	09-DEC-2008 09:46:12	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	35432	No
118	GOM_NL__2PRFIN20081209_094743_000000482074_00308_35432_0503.N1	09-DEC-2008 09:47:43	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	35432	No
119	GOM_NL__2PRFIN20081209_094958_000000422074_00308_35432_0504.N1	09-DEC-2008 09:49:58	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	35432	No
120	GOM_NL__2PRFIN20081209_095220_000000382074_00308_35432_0505.N1	09-DEC-2008 09:52:20	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	35432	No
121	GOM_NL__2PRFIN20081209_095552_000000432074_00308_35432_0506.N1	09-DEC-2008 09:55:52	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	35432	No
122	GOM_NL__2PRFIN20081209_100143_000000382074_00308_35432_0507.N1	09-DEC-2008 10:01:43	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	35432	No
123	GOM_NL__2PRFIN20081209_100514_000000642074_00308_35432_0508.N1	09-DEC-2008 10:05:14	Bright	64.000	138	47Eps Vir	2.8280	4700.0	128	35432	No
124	GOM_NL__2PRFIN20081209_101106_000000472074_00308_35432_0509.N1	09-DEC-2008 10:11:06	Bright	46.500	15	67Alp Vir	0.97600	28000.	93	35432	No
125	GOM_NL__2PRFIN20081209_101434_000000442074_00308_35432_0510.N1	09-DEC-2008 10:14:34	Twilight	43.500	169	46Gam Hya	2.9910	4700.0	87	35432	No
126	GOM_NL__2PRFIN20081209_101615_000000512074_00308_35432_0511.N1	09-DEC-2008 10:16:15	Dark	50.500	100	4Gam Crv	2.5800	13100.	101	35432	No
127	GOM_NL__2PRFIN20081209_101751_000000522074_00308_35432_0512.N1	09-DEC-2008 10:17:51	Dark	51.500	171	2Eps Crv	3.0010	4250.0	103	35432	No
128	GOM_NL__2PRFIN20081209_102333_000000402074_00308_35432_0513.N1	09-DEC-2008 10:23:33	Dark	39.500	99	Del Cen	2.5750	26000.	79	35432	No
129	GOM_NL__2PRFIN20081209_102705_000000442074_00309_35433_0493.N1	09-DEC-2008 10:27:05	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	35433	No
130	GOM_NL__2PRFIN20081209_103544_000000542074_00309_35433_0494.N1	09-DEC-2008 10:35:44	Dark	54.000	34	Gam2Vel	1.7930	23000.	108	35433	No
131	GOM_NL__2PRFIN20081209_103822_000000542074_00309_35433_0495.N1	09-DEC-2008 10:38:22	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	35433	No
132	GOM_NL__2PRFIN20081209_104047_000000542074_00309_35433_0496.N1	09-DEC-2008 10:40:47	Dark	53.500	117	Pi Pup	2.7060	3800.0	107	35433	No
133	GOM_NL__2PRFIN20081209_104416_000000542074_00309_35433_0497.N1	09-DEC-2008 10:44:16	Dark	53.500	23	21Eps CMa	1.5020	26000.	107	35433	No
134	GOM_NL__2PRFIN20081209_104919_000000442074_00309_35433_0498.N1	09-DEC-2008 10:49:19	Straylight	44.000	47	2Bet CMa	1.9760	28000.	88	35433	No
135	GOM_NL__2PRFIN20081209_105303_000000492074_00309_35433_0499.N1	09-DEC-2008 10:53:03	Straylight	48.500	7	19Bet Ori	0.10000	14000.	97	35433	No
136	GOM_NL__2PRFIN20081209_105533_000000532074_00309_35433_0500.N1	09-DEC-2008 10:55:33	Straylight	53.000	30	46Eps Ori	1.6940	30000.	106	35433	No
137	GOM_NL__2PRFIN20081209_105802_000000492074_00309_35433_0501.N1	09-DEC-2008 10:58:02	Tw_i_and_stray	48.500	27	24Gam Ori	1.6360	26000.	97	35433	No
138	GOM_NL__2PRFIN20081209_110036_000000452074_00309_35433_0502.N1	09-DEC-2008 11:00:36	Tw_i_and_stray	45.000	13	87Alp Tau	0.86700	3800.0	90	35433	No
139	GOM_NL__2PRFIN20081209_110448_000000362074_00309_35433_0503.N1	09-DEC-2008 11:04:48	Bright	36.000	150	44Zet Per	2.8900	28000.	72	35433	No
140	GOM_NL__2PRFIN20081209_110708_000000362074_00309_35433_0504.N1	09-DEC-2008 11:07:08	Bright	36.000	149	45Eps Per	2.8880	30000.	72	35433	No
141	GOM_NL__2PRFIN20081209_111013_000000442074_00309_35433_0505.N1	09-DEC-2008 11:10:13	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	35433	No
142	GOM_NL__2PRFIN20081209_112647_000000482074_00309_35433_0506.N1	09-DEC-2008 11:26:47	Bright	48.000	36	50Alp UMa	1.8000	6300.0	96	35433	No
143	GOM_NL__2PRFIN20081209_112818_000000492074_00309_35433_0507.N1	09-DEC-2008 11:28:18	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	35433	No
144	GOM_NL__2PRFIN20081209_113034_000000412074_00309_35433_0508.N1	09-DEC-2008 11:30:34	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	35433	No
145	GOM_NL__2PRFIN20081209_113255_000000382074_00309_35433_0509.N1	09-DEC-2008 11:32:55	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	35433	No
146	GOM_NL__2PRFIN20081209_113628_000000432074_00309_35433_0510.N1	09-DEC-2008 11:36:28	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	35433	No
147	GOM_NL__2PRFIN20081209_114219_000000382074_00309_35433_0511.N1	09-DEC-2008 11:42:19	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	35433	No
148	GOM_NL__2PRFIN20081209_114550_000000452074_00309_35433_0512.N1	09-DEC-2008 11:45:50	Bright	44.500	138	47Eps Vir	2.8280	4700.0	89	35433	No
149	GOM_NL__2PRFIN20081209_115143_000000472074_00309_35433_0513.N1	09-DEC-2008 11:51:43	Bright	47.000	15	67Alp Vir	0.97600	28000.	94	35433	No
150	GOM_NL__2PRFIN20081209_115511_000000442074_00309_35433_0514.N1	09-DEC-2008 11:55:11	Twilight	43.500	169	46Gam Hya	2.9910	4700.0	87	35433	No
151	GOM_NL__2PRFIN20081209_115652_000000522074_00309_35433_0515.N1	09-DEC-2008 11:56:52	Dark	52.000	100	4Gam Crv	2.5800	13100.	104	35433	No
152	GOM_NL__2PRFIN20081209_115828_000000512074_00309_35433_0516.N1	09-DEC-2008 11:58:28	Dark	50.500	171	2Eps Crv	3.0010	4250.0	101	35433	No
153	GOM_NL__2PRFIN20081209_120410_000000392074_00309_35433_0517.N1	09-DEC-2008 12:04:10	Dark	39.000	99	Del Cen	2.5750	26000.	78	35433	No
154	GOM_NL__2PRFIN20081209_120742_000000462074_00310_35434_0497.N1	09-DEC-2008 12:07:42	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	35434	No
155	GOM_NL__2PRFIN20081209_121620_000000542074_00310_35434_0498.N1	09-DEC-2008 12:16:20	Dark	54.000	34	Gam2Vel	1.7930	23000.	108	35434	No
156	GOM_NL__2PRFIN20081209_121858_000000482074_00310_35434_0499.N1	09-DEC-2008 12:18:58	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	35434	No
157	GOM_NL__2PRFIN20081209_122124_000000572074_00310_35434_0500.N1	09-DEC-2008 12:21:24	Dark	56.500	117	Pi Pup	2.7060	3800.0	113	35434	No
158	GOM_NL__2PRFIN20081209_122453_000000542074_00310_35434_0501.N1	09-DEC-2008 12:24:53	Dark	54.000	23	21Eps CMa	1.5020	26000.	108	35434	No
159	GOM_NL__2PRFIN20081209_122955_000000492074_00310_35434_0502.N1	09-DEC-2008 12:29:55	Straylight	49.000	47	2Bet CMa	1.9760	28000.	98	35434	No
160	GOM_NL__2PRFIN20081209_123339_000000452074_00310_35434_0503.N1	09-DEC-2008 12:33:39	Straylight	45.000	7	19Bet Ori	0.10000	14000.	90	35434	No

161	GOM_NL__2PRFIN20081209_123609_000000492074_00310_35434_0504.N1	09-DEC-2008 12:36:09	Straylight	49.000	30	46Eps Ori	1.6940	30000.	98	35434	No
162	GOM_NL__2PRFIN20081209_123837_000000502074_00310_35434_0505.N1	09-DEC-2008 12:38:37	Twilight	49.500	27	24Gam Ori	1.6360	26000.	99	35434	No
163	GOM_NL__2PRFIN20081209_124111_000000472074_00310_35434_0506.N1	09-DEC-2008 12:41:11	Twilight	47.000	13	87Alp Tau	0.86700	3800.0	94	35434	No
164	GOM_NL__2PRFIN20081209_124523_000000352074_00310_35434_0507.N1	09-DEC-2008 12:45:23	Bright	35.000	150	44Zet Per	2.8900	28000.	70	35434	No
165	GOM_NL__2PRFIN20081209_124744_000000352074_00310_35434_0508.N1	09-DEC-2008 12:47:44	Bright	35.000	149	45Eps Per	2.8880	30000.	70	35434	No
166	GOM_NL__2PRFIN20081209_124959_000000262074_00310_35434_0509.N1	09-DEC-2008 12:49:59	Twilight	26.000	107	37The Aur	2.6490	11000.	52	35434	No
167	GOM_NL__2PRFIN20081209_125203_000000462074_00310_35434_0510.N1	09-DEC-2008 12:52:03	Bright	45.500	42	34Bet Aur	1.9000	10200.	91	35434	No
168	GOM_NL__2PRFIN20081209_130723_000000462074_00310_35434_0511.N1	09-DEC-2008 13:07:23	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	35434	No
169	GOM_NL__2PRFIN20081209_130854_000000472074_00310_35434_0512.N1	09-DEC-2008 13:08:54	Bright	47.000	82	48Bet UMa	2.3650	10600.	94	35434	No
170	GOM_NL__2PRFIN20081209_131110_000000402074_00310_35434_0513.N1	09-DEC-2008 13:11:10	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	35434	No
171	GOM_NL__2PRFIN20081209_131331_000000382074_00310_35434_0514.N1	09-DEC-2008 13:13:31	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	35434	No
172	GOM_NL__2PRFIN20081209_131704_000000442074_00310_35434_0515.N1	09-DEC-2008 13:17:04	Bright	43.500	152	12Alp2CVn	2.8900	11000.	87	35434	No
173	GOM_NL__2PRFIN20081209_132255_000000382074_00310_35434_0516.N1	09-DEC-2008 13:22:55	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	35434	No
174	GOM_NL__2PRFIN20081209_132626_000000462074_00310_35434_0517.N1	09-DEC-2008 13:26:26	Bright	46.000	138	47Eps Vir	2.8280	4700.0	92	35434	No
175	GOM_NL__2PRFIN20081209_133219_000000472074_00310_35434_0518.N1	09-DEC-2008 13:32:19	Bright	46.500	15	67Alp Vir	0.97600	28000.	93	35434	No
176	GOM_NL__2PRFIN20081209_133547_000000422074_00310_35434_0519.N1	09-DEC-2008 13:35:47	Twilight	42.000	169	46Gam Hya	2.9910	4700.0	84	35434	No
177	GOM_NL__2PRFIN20081209_133729_000000502074_00310_35434_0520.N1	09-DEC-2008 13:37:29	Dark	50.000	100	4Gam Crv	2.5800	13100.	100	35434	No
178	GOM_NL__2PRFIN20081209_133906_000000532074_00310_35434_0521.N1	09-DEC-2008 13:39:06	Dark	52.500	171	2Eps Crv	3.0010	4250.0	105	35434	No
179	GOM_NL__2PRFIN20081209_134447_000000392074_00310_35434_0522.N1	09-DEC-2008 13:44:47	Dark	39.000	99	Del Cen	2.5750	26000.	78	35434	No
180	GOM_NL__2PRFIN20081209_134818_000000442074_00311_35435_0501.N1	09-DEC-2008 13:48:18	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	35435	No
181	GOM_NL__2PRFIN20081209_135657_000000472074_00311_35435_0502.N1	09-DEC-2008 13:56:57	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	35435	No
182	GOM_NL__2PRFIN20081209_135934_000000562074_00311_35435_0503.N1	09-DEC-2008 13:59:34	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	35435	No
183	GOM_NL__2PRFIN20081209_140201_000000572074_00311_35435_0504.N1	09-DEC-2008 14:02:01	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	35435	No
184	GOM_NL__2PRFIN20081209_140529_000000592074_00311_35435_0505.N1	09-DEC-2008 14:05:29	Straylight	59.000	23	21Eps CMa	1.5020	26000.	118	35435	No
185	GOM_NL__2PRFIN20081209_141031_000000492074_00311_35435_0506.N1	09-DEC-2008 14:10:31	Straylight	49.000	47	2Bet CMa	1.9760	28000.	98	35435	No
186	GOM_NL__2PRFIN20081209_141415_000000522074_00311_35435_0507.N1	09-DEC-2008 14:14:15	Straylight	51.500	7	19Bet Ori	0.10000	14000.	103	35435	No
187	GOM_NL__2PRFIN20081209_141645_000000512074_00311_35435_0508.N1	09-DEC-2008 14:16:45	Straylight	50.500	30	46Eps Ori	1.6940	30000.	101	35435	No
188	GOM_NL__2PRFIN20081209_141913_000000522074_00311_35435_0509.N1	09-DEC-2008 14:19:13	Twilight	52.000	27	24Gam Ori	1.6360	26000.	104	35435	No
189	GOM_NL__2PRFIN20081209_142147_000000572074_00311_35435_0510.N1	09-DEC-2008 14:21:47	Twilight	57.000	13	87Alp Tau	0.86700	3800.0	114	35435	No
190	GOM_NL__2PRFIN20081209_142559_000000362074_00311_35435_0511.N1	09-DEC-2008 14:25:59	Bright	36.000	150	44Zet Per	2.8900	28000.	72	35435	No
191	GOM_NL__2PRFIN20081209_142820_000000362074_00311_35435_0512.N1	09-DEC-2008 14:28:20	Bright	36.000	149	45Eps Per	2.8880	30000.	72	35435	No
192	GOM_NL__2PRFIN20081209_143034_000000262074_00311_35435_0513.N1	09-DEC-2008 14:30:34	Twilight	26.000	107	37The Aur	2.6490	11000.	52	35435	No
193	GOM_NL__2PRFIN20081209_143239_000000462074_00311_35435_0514.N1	09-DEC-2008 14:32:39	Bright	46.000	42	34Bet Aur	1.9000	10200.	92	35435	No
194	GOM_NL__2PRFIN20081209_144758_000000462074_00311_35435_0515.N1	09-DEC-2008 14:47:58	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	35435	No
195	GOM_NL__2PRFIN20081209_144929_000000502074_00311_35435_0516.N1	09-DEC-2008 14:49:29	Bright	49.500	82	48Bet UMa	2.3650	10600.	99	35435	No
196	GOM_NL__2PRFIN20081209_145146_000000412074_00311_35435_0517.N1	09-DEC-2008 14:51:46	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	35435	No
197	GOM_NL__2PRFIN20081209_145407_000000372074_00311_35435_0518.N1	09-DEC-2008 14:54:07	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	35435	No
198	GOM_NL__2PRFIN20081209_145740_000000432074_00311_35435_0519.N1	09-DEC-2008 14:57:40	Bright	42.500	152	12Alp2CVn	2.8900	11000.	85	35435	No
199	GOM_NL__2PRFIN20081209_150332_000000392074_00311_35435_0520.N1	09-DEC-2008 15:03:32	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	35435	No
200	GOM_NL__2PRFIN20081209_150703_000000442074_00311_35435_0521.N1	09-DEC-2008 15:07:03	Bright	44.000	138	47Eps Vir	2.8280	4700.0	88	35435	No
201	GOM_NL__2PRFIN20081209_151256_000000462074_00311_35435_0522.N1	09-DEC-2008 15:12:56	Bright	45.500	15	67Alp Vir	0.97600	28000.	91	35435	No
202	GOM_NL__2PRFIN20081209_151624_000000452074_00311_35435_0523.N1	09-DEC-2008 15:16:24	Twilight	44.500	169	46Gam Hya	2.9910	4700.0	89	35435	No
203	GOM_NL__2PRFIN20081209_151806_000000512074_00311_35435_0524.N1	09-DEC-2008 15:18:06	Dark	51.000	100	4Gam Crv	2.5800	13100.	102	35435	No
204	GOM_NL__2PRFIN20081209_151943_000000522074_00311_35435_0525.N1	09-DEC-2008 15:19:43	Dark	52.000	171	2Eps Crv	3.0010	4250.0	104	35435	No
205	GOM_NL__2PRFIN20081209_152523_000000382074_00311_35435_0526.N1	09-DEC-2008 15:25:23	Dark	38.000	99	Del Cen	2.5750	26000.	76	35435	No
206	GOM_NL__2PRFIN20081209_152855_000000442074_00312_35436_0505.N1	09-DEC-2008 15:28:55	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	35436	No
207	GOM_NL__2PRFIN20081209_153734_000000472074_00312_35436_0506.N1	09-DEC-2008 15:37:34	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	35436	No
208	GOM_NL__2PRFIN20081209_154011_000000512074_00312_35436_0507.N1	09-DEC-2008 15:40:11	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	35436	No
209	GOM_NL__2PRFIN20081209_154237_000000562074_00312_35436_0508.N1	09-DEC-2008 15:42:37	Dark	56.000	117	Pi Pup	2.7060	3800.0	112	35436	No
210	GOM_NL__2PRFIN20081209_154606_000000602074_00312_35436_0509.N1	09-DEC-2008 15:46:06	Straylight	59.500	23	21Eps CMa	1.5020	26000.	119	35436	No
211	GOM_NL__2PRFIN20081209_155107_000000542074_00312_35436_0510.N1	09-DEC-2008 15:51:07	Straylight	54.000	47	2Bet CMa	1.9760	28000.	108	35436	No
212	GOM_NL__2PRFIN20081209_155450_000000532074_00312_35436_0511.N1	09-DEC-2008 15:54:50	Straylight	53.000	7	19Bet Ori	0.10000	14000.	106	35436	No
213	GOM_NL__2PRFIN20081209_155720_000000502074_00312_35436_0512.N1	09-DEC-2008 15:57:20	Straylight	50.000	30	46Eps Ori	1.6940	30000.	100	35436	No
214	GOM_NL__2PRFIN20081209_155949_000000492074_00312_35436_0513.N1	09-DEC-2008 15:59:49	Twilight	48.500	27	24Gam Ori	1.6360	26000.	97	35436	No
215	GOM_NL__2PRFIN20081209_160223_000000572074_00312_35436_0514.N1	09-DEC-2008 16:02:23	Twilight	57.000	13	87Alp Tau	0.86700	3800.0	114	35436	No
216	GOM_NL__2PRFIN20081209_160635_000000372074_00312_35436_0515.N1	09-DEC-2008 16:06:35	Bright	36.500	150	44Zet Per	2.8900	28000.	73	35436	No
217	GOM_NL__2PRFIN20081209_160856_000000362074_00312_35436_0516.N1	09-DEC-2008 16:08:56	Bright	36.000	149	45Eps Per	2.8880	30000.	72	35436	No
218	GOM_NL__2PRFIN20081209_161109_000000322074_00312_35436_0517.N1	09-DEC-2008 16:11:09	Twilight	32.000	107	37The Aur	2.6490	11000.	64	35436	No
219	GOM_NL__2PRFIN20081209_161314_000000442074_00312_35436_0518.N1	09-DEC-2008 16:13:14	Bright	44.000	42	34Bet Aur	1.9000	10200.	88	35436	No

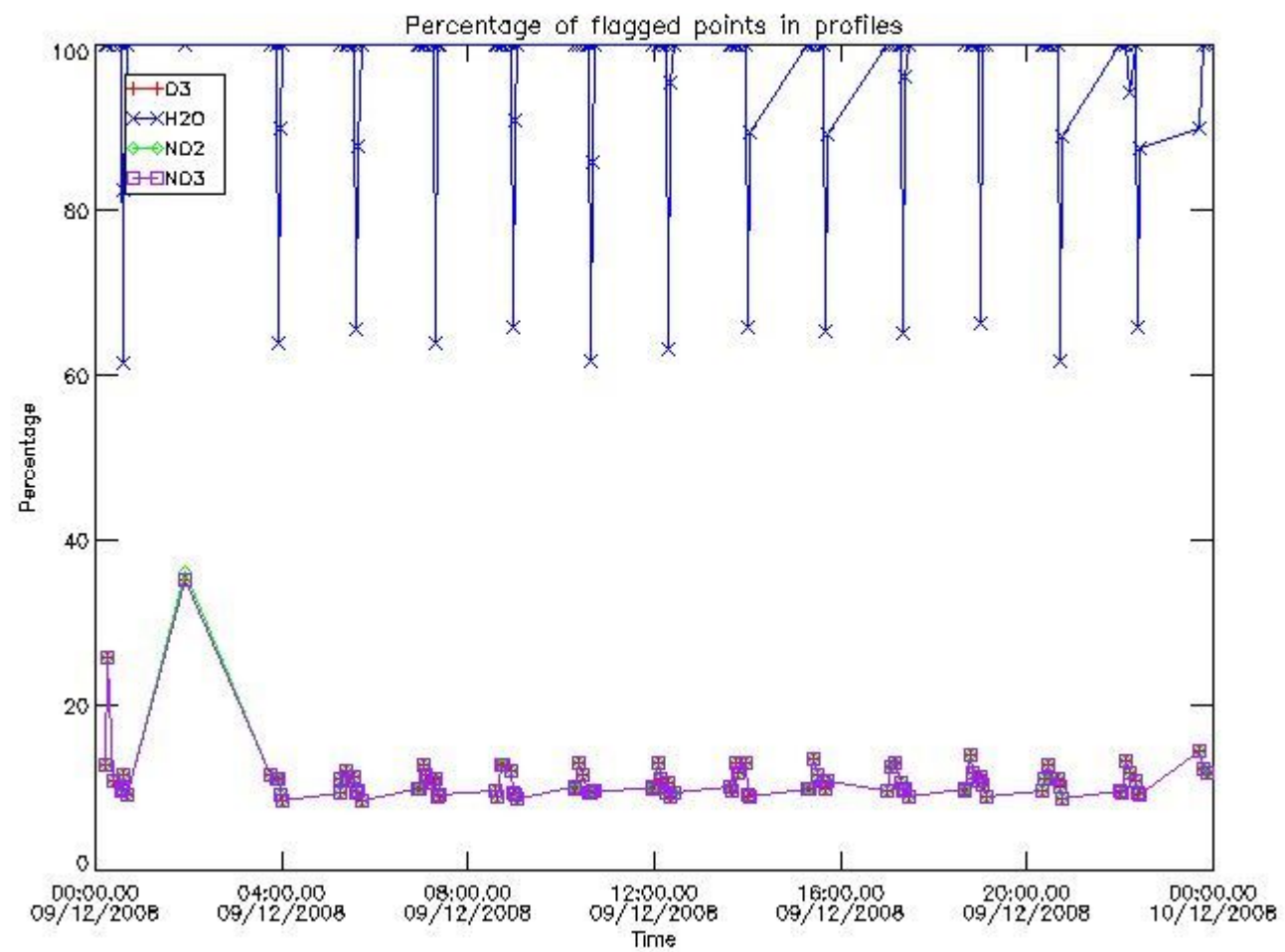
220	GOM_NL__2PRFIN20081209_162834_000000442074_00312_35436_0519.N1	09-DEC-2008 16:28:34	Bright	44.000	36	50Alp UMa	1.8000	6300.0	88	35436	No
221	GOM_NL__2PRFIN20081209_163005_000000482074_00312_35436_0520.N1	09-DEC-2008 16:30:05	Bright	48.000	82	48Bet UMa	2.3650	10600.	96	35436	No
222	GOM_NL__2PRFIN20081209_163222_000000392074_00312_35436_0521.N1	09-DEC-2008 16:32:22	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	35436	No
223	GOM_NL__2PRFIN20081209_163443_000000382074_00312_35436_0522.N1	09-DEC-2008 16:34:43	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	35436	No
224	GOM_NL__2PRFIN20081209_163816_000000422074_00312_35436_0523.N1	09-DEC-2008 16:38:16	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	35436	No
225	GOM_NL__2PRFIN20081209_164408_000000392074_00312_35436_0524.N1	09-DEC-2008 16:44:08	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	35436	No
226	GOM_NL__2PRFIN20081209_164739_000000472074_00312_35436_0525.N1	09-DEC-2008 16:47:39	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	35436	No
227	GOM_NL__2PRFIN20081209_165332_000000462074_00312_35436_0526.N1	09-DEC-2008 16:53:32	Bright	46.000	15	67Alp Vir	0.97600	28000.	92	35436	No
228	GOM_NL__2PRFIN20081209_165700_000000432074_00312_35436_0527.N1	09-DEC-2008 16:57:00	Twilight	42.500	169	46Gam Hya	2.9910	4700.0	85	35436	No
229	GOM_NL__2PRFIN20081209_165843_000000542074_00312_35436_0528.N1	09-DEC-2008 16:58:43	Dark	53.500	100	4Gam Crv	2.5800	13100.	107	35436	No
230	GOM_NL__2PRFIN20081209_170020_000000532074_00312_35436_0529.N1	09-DEC-2008 17:00:20	Dark	53.000	171	2Eps Crv	3.0010	4250.0	106	35436	No
231	GOM_NL__2PRFIN20081209_170600_000000412074_00312_35436_0530.N1	09-DEC-2008 17:06:00	Dark	40.500	99	Del Cen	2.5750	26000.	81	35436	No
232	GOM_NL__2PRFIN20081209_170932_000000432074_00313_35437_0509.N1	09-DEC-2008 17:09:32	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	35437	No
233	GOM_NL__2PRFIN20081209_171811_000000492074_00313_35437_0510.N1	09-DEC-2008 17:18:11	Dark	48.500	34	Gam2Vel	1.7930	23000.	97	35437	No
234	GOM_NL__2PRFIN20081209_172047_000000542074_00313_35437_0511.N1	09-DEC-2008 17:20:47	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	35437	No
235	GOM_NL__2PRFIN20081209_172314_000000522074_00313_35437_0512.N1	09-DEC-2008 17:23:14	Dark	51.500	117	Pi Pup	2.7060	3800.0	103	35437	No
236	GOM_NL__2PRFIN20081209_172642_000000582074_00313_35437_0513.N1	09-DEC-2008 17:26:42	Dark	57.500	23	21Eps CMa	1.5020	26000.	115	35437	No
237	GOM_NL__2PRFIN20081209_173143_000000542074_00313_35437_0514.N1	09-DEC-2008 17:31:43	Straylight	54.000	47	2Bet CMa	1.9760	28000.	108	35437	No
238	GOM_NL__2PRFIN20081209_173527_000000522074_00313_35437_0515.N1	09-DEC-2008 17:35:27	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	35437	No
239	GOM_NL__2PRFIN20081209_173756_000000522074_00313_35437_0516.N1	09-DEC-2008 17:37:56	Straylight	51.500	30	46Eps Ori	1.6940	30000.	103	35437	No
240	GOM_NL__2PRFIN20081209_174024_000000482074_00313_35437_0517.N1	09-DEC-2008 17:40:24	Twi_and_stray	48.000	27	24Gam Ori	1.6360	26000.	96	35437	No
241	GOM_NL__2PRFIN20081209_174259_000000572074_00313_35437_0518.N1	09-DEC-2008 17:42:59	Twi_and_stray	57.000	13	87Alp Tau	0.86700	3800.0	114	35437	No
242	GOM_NL__2PRFIN20081209_174711_000000362074_00313_35437_0519.N1	09-DEC-2008 17:47:11	Bright	36.000	150	44Zet Per	2.8900	28000.	72	35437	No
243	GOM_NL__2PRFIN20081209_174932_000000362074_00313_35437_0520.N1	09-DEC-2008 17:49:32	Bright	36.000	149	45Eps Per	2.8880	30000.	72	35437	No
244	GOM_NL__2PRFIN20081209_175145_000000322074_00313_35437_0521.N1	09-DEC-2008 17:51:45	Twi_and_stray	32.000	107	37The Aur	2.6490	11000.	64	35437	No
245	GOM_NL__2PRFIN20081209_175349_000000442074_00313_35437_0522.N1	09-DEC-2008 17:53:49	Bright	44.000	42	34Bet Aur	1.9000	10200.	88	35437	No
246	GOM_NL__2PRFIN20081209_180909_000000462074_00313_35437_0523.N1	09-DEC-2008 18:09:09	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	35437	No
247	GOM_NL__2PRFIN20081209_181040_000000472074_00313_35437_0524.N1	09-DEC-2008 18:10:40	Bright	46.500	82	48Bet UMa	2.3650	10600.	93	35437	No
248	GOM_NL__2PRFIN20081209_181257_000000402074_00313_35437_0525.N1	09-DEC-2008 18:12:57	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	35437	No
249	GOM_NL__2PRFIN20081209_181519_000000372074_00313_35437_0526.N1	09-DEC-2008 18:15:19	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	35437	No
250	GOM_NL__2PRFIN20081209_181852_000000422074_00313_35437_0527.N1	09-DEC-2008 18:18:52	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	35437	No
251	GOM_NL__2PRFIN20081209_182444_000000382074_00313_35437_0528.N1	09-DEC-2008 18:24:44	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	35437	No
252	GOM_NL__2PRFIN20081209_182816_000000502074_00313_35437_0529.N1	09-DEC-2008 18:28:16	Bright	49.500	138	47Eps Vir	2.8280	4700.0	99	35437	No
253	GOM_NL__2PRFIN20081209_183409_000000492074_00313_35437_0530.N1	09-DEC-2008 18:34:09	Bright	48.500	15	67Alp Vir	0.97600	28000.	97	35437	No
254	GOM_NL__2PRFIN20081209_183737_000000412074_00313_35437_0531.N1	09-DEC-2008 18:37:37	Twilight	41.000	169	46Gam Hya	2.9910	4700.0	82	35437	No
255	GOM_NL__2PRFIN20081209_183920_000000522074_00313_35437_0532.N1	09-DEC-2008 18:39:20	Dark	51.500	100	4Gam Crv	2.5800	13100.	103	35437	No
256	GOM_NL__2PRFIN20081209_184057_000000532074_00313_35437_0533.N1	09-DEC-2008 18:40:57	Dark	52.500	171	2Eps Crv	3.0010	4250.0	105	35437	No
257	GOM_NL__2PRFIN20081209_184637_000000402074_00313_35437_0534.N1	09-DEC-2008 18:46:37	Dark	40.000	99	Del Cen	2.5750	26000.	80	35437	No
258	GOM_NL__2PRFIN20081209_185009_000000432074_00314_35438_0513.N1	09-DEC-2008 18:50:09	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	35438	No
259	GOM_NL__2PRFIN20081209_185847_000000482074_00314_35438_0514.N1	09-DEC-2008 18:58:47	Dark	47.500	34	Gam2Vel	1.7930	23000.	95	35438	No
260	GOM_NL__2PRFIN20081209_190124_000000452074_00314_35438_0515.N1	09-DEC-2008 19:01:24	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	35438	No
261	GOM_NL__2PRFIN20081209_190350_000000542074_00314_35438_0516.N1	09-DEC-2008 19:03:50	Dark	53.500	117	Pi Pup	2.7060	3800.0	107	35438	No
262	GOM_NL__2PRFIN20081209_190719_000000572074_00314_35438_0517.N1	09-DEC-2008 19:07:19	Dark	56.500	23	21Eps CMa	1.5020	26000.	113	35438	No
263	GOM_NL__2PRFIN20081209_191219_000000572074_00314_35438_0518.N1	09-DEC-2008 19:12:19	Straylight	57.000	47	2Bet CMa	1.9760	28000.	114	35438	No
264	GOM_NL__2PRFIN20081209_191603_000000492074_00314_35438_0519.N1	09-DEC-2008 19:16:03	Straylight	48.500	7	19Bet Ori	0.10000	14000.	97	35438	No
265	GOM_NL__2PRFIN20081209_191832_000000532074_00314_35438_0520.N1	09-DEC-2008 19:18:32	Straylight	52.500	30	46Eps Ori	1.6940	30000.	105	35438	No
266	GOM_NL__2PRFIN20081209_192100_000000482074_00314_35438_0521.N1	09-DEC-2008 19:21:00	Twi_and_stray	48.000	27	24Gam Ori	1.6360	26000.	96	35438	No
267	GOM_NL__2PRFIN20081209_192334_000000572074_00314_35438_0522.N1	09-DEC-2008 19:23:34	Twi_and_stray	57.000	13	87Alp Tau	0.86700	3800.0	114	35438	No
268	GOM_NL__2PRFIN20081209_192622_000000472074_00314_35438_0523.N1	09-DEC-2008 19:26:22	Bright	46.500	176	23Zet Tau	3.0200	22000.	93	35438	No
269	GOM_NL__2PRFIN20081209_192857_000000432074_00314_35438_0524.N1	09-DEC-2008 19:28:57	Bright	42.500	114	31ot Aur	2.6930	4600.0	85	35438	No
270	GOM_NL__2PRFIN20081209_193220_000000382074_00314_35438_0525.N1	09-DEC-2008 19:32:20	Bright	38.000	107	37The Aur	2.6490	11000.	76	35438	No
271	GOM_NL__2PRFIN20081209_193424_000000452074_00314_35438_0526.N1	09-DEC-2008 19:34:24	Bright	44.500	42	34Bet Aur	1.9000	10200.	89	35438	No
272	GOM_NL__2PRFIN20081209_194945_000000432074_00314_35438_0527.N1	09-DEC-2008 19:49:45	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	35438	No
273	GOM_NL__2PRFIN20081209_195116_000000492074_00314_35438_0528.N1	09-DEC-2008 19:51:16	Bright	48.500	82	48Bet UMa	2.3650	10600.	97	35438	No
274	GOM_NL__2PRFIN20081209_195333_000000422074_00314_35438_0529.N1	09-DEC-2008 19:53:33	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	35438	No
275	GOM_NL__2PRFIN20081209_195555_000000372074_00314_35438_0530.N1	09-DEC-2008 19:55:55	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	35438	No
276	GOM_NL__2PRFIN20081209_195928_000000442074_00314_35438_0531.N1	09-DEC-2008 19:59:28	Bright	44.000	152	12Alp2CVn	2.8900	11000.	88	35438	No
277	GOM_NL__2PRFIN20081209_200520_000000392074_00314_35438_0532.N1	09-DEC-2008 20:05:20	Bright	38.500	111	8Eta Boo	2.6800	6000.0	77	35438	No
278	GOM_NL__2PRFIN20081209_200852_000000452074_00314_35438_0533.N1	09-DEC-2008 20:08:52	Bright	44.500	138	47Eps Vir	2.8280	4700.0	89	35438	No

279	GOM_NL__2PRFIN20081209_201446_000000482074_00314_35438_0534.N1	09-DEC-2008 20:14:46	Bright	47.500	15	67Alp Vir	0.97600	28000.	95	35438	No
280	GOM_NL__2PRFIN20081209_201814_000000402074_00314_35438_0535.N1	09-DEC-2008 20:18:14	Twilight	39.500	169	46Gam Hya	2.9910	4700.0	79	35438	No
281	GOM_NL__2PRFIN20081209_201957_000000532074_00314_35438_0536.N1	09-DEC-2008 20:19:57	Dark	52.500	100	4Gam Crv	2.5800	13100.	105	35438	No
282	GOM_NL__2PRFIN20081209_202134_000000512074_00314_35438_0537.N1	09-DEC-2008 20:21:34	Dark	50.500	171	2Eps Crv	3.0010	4250.0	101	35438	No
283	GOM_NL__2PRFIN20081209_202713_000000402074_00314_35438_0538.N1	09-DEC-2008 20:27:13	Dark	40.000	99	Del Cen	2.5750	26000.	80	35438	No
284	GOM_NL__2PRFIN20081209_203046_000000462074_00315_35439_0532.N1	09-DEC-2008 20:30:46	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	35439	No
285	GOM_NL__2PRFIN20081209_203924_000000462074_00315_35439_0533.N1	09-DEC-2008 20:39:24	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	35439	No
286	GOM_NL__2PRFIN20081209_204200_000000502074_00315_35439_0534.N1	09-DEC-2008 20:42:00	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	35439	No
287	GOM_NL__2PRFIN20081209_204427_000000592074_00315_35439_0535.N1	09-DEC-2008 20:44:27	Dark	58.500	117	Pi Pup	2.7060	3800.0	117	35439	No
288	GOM_NL__2PRFIN20081209_204755_000000582074_00315_35439_0536.N1	09-DEC-2008 20:47:55	Straylight	58.000	23	21Eps CMa	1.5020	26000.	116	35439	No
289	GOM_NL__2PRFIN20081209_205255_000000562074_00315_35439_0537.N1	09-DEC-2008 20:52:55	Straylight	55.500	47	2Bet CMa	1.9760	28000.	111	35439	No
290	GOM_NL__2PRFIN20081209_205638_000000542074_00315_35439_0538.N1	09-DEC-2008 20:56:38	Straylight	54.000	7	19Bet Ori	0.10000	14000.	108	35439	No
291	GOM_NL__2PRFIN20081209_205908_000000522074_00315_35439_0539.N1	09-DEC-2008 20:59:08	Straylight	52.000	30	46Eps Ori	1.6940	30000.	104	35439	No
292	GOM_NL__2PRFIN20081209_210136_000000512074_00315_35439_0540.N1	09-DEC-2008 21:01:36	Tw_i_and_stray	50.500	27	24Gam Ori	1.6360	26000.	101	35439	No
293	GOM_NL__2PRFIN20081209_210410_000000572074_00315_35439_0541.N1	09-DEC-2008 21:04:10	Tw_i_and_stray	57.000	13	87Alp Tau	0.86700	3800.0	114	35439	No
294	GOM_NL__2PRFIN20081209_210657_000000462074_00315_35439_0542.N1	09-DEC-2008 21:06:57	Bright	46.000	176	23Zet Tau	3.0200	22000.	92	35439	No
295	GOM_NL__2PRFIN20081209_210933_000000422074_00315_35439_0543.N1	09-DEC-2008 21:09:33	Bright	41.500	114	3lot Aur	2.6930	4600.0	83	35439	No
296	GOM_NL__2PRFIN20081209_211255_000000382074_00315_35439_0544.N1	09-DEC-2008 21:12:55	Bright	38.000	107	37The Aur	2.6490	11000.	76	35439	No
297	GOM_NL__2PRFIN20081209_211500_000000472074_00315_35439_0545.N1	09-DEC-2008 21:15:00	Bright	46.500	42	34Bet Aur	1.9000	10200.	93	35439	No
298	GOM_NL__2PRFIN20081209_213020_000000482074_00315_35439_0546.N1	09-DEC-2008 21:30:20	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	35439	No
299	GOM_NL__2PRFIN20081209_213151_000000492074_00315_35439_0547.N1	09-DEC-2008 21:31:51	Bright	49.000	82	48Bet UMa	2.3650	10600.	98	35439	No
300	GOM_NL__2PRFIN20081209_213409_000000422074_00315_35439_0548.N1	09-DEC-2008 21:34:09	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	35439	No
301	GOM_NL__2PRFIN20081209_213631_000000372074_00315_35439_0549.N1	09-DEC-2008 21:36:31	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	35439	No
302	GOM_NL__2PRFIN20081209_214004_000000422074_00315_35439_0550.N1	09-DEC-2008 21:40:04	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	35439	No
303	GOM_NL__2PRFIN20081209_214556_000000382074_00315_35439_0551.N1	09-DEC-2008 21:45:56	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	35439	No
304	GOM_NL__2PRFIN20081209_214929_000000662074_00315_35439_0552.N1	09-DEC-2008 21:49:29	Bright	66.000	138	47Eps Vir	2.8280	4700.0	132	35439	No
305	GOM_NL__2PRFIN20081209_215522_000000482074_00315_35439_0553.N1	09-DEC-2008 21:55:22	Bright	48.000	15	67Alp Vir	0.97600	28000.	96	35439	No
306	GOM_NL__2PRFIN20081209_215850_000000452074_00315_35439_0554.N1	09-DEC-2008 21:58:50	Twilight	45.000	169	46Gam Hya	2.9910	4700.0	90	35439	No
307	GOM_NL__2PRFIN20081209_220034_000000532074_00315_35439_0555.N1	09-DEC-2008 22:00:34	Dark	52.500	100	4Gam Crv	2.5800	13100.	105	35439	No
308	GOM_NL__2PRFIN20081209_220211_000000542074_00315_35439_0556.N1	09-DEC-2008 22:02:11	Dark	54.000	171	2Eps Crv	3.0010	4250.0	108	35439	No
309	GOM_NL__2PRFIN20081209_220750_000000392074_00315_35439_0557.N1	09-DEC-2008 22:07:50	Dark	38.500	99	Del Cen	2.5750	26000.	77	35439	No
310	GOM_NL__2PRFIN20081209_221122_000000432074_00316_35440_0536.N1	09-DEC-2008 22:11:22	Dark	43.000	113	Mu Vel	2.6920	5000.0	86	35440	No
311	GOM_NL__2PRFIN20081209_222001_000000472074_00316_35440_0537.N1	09-DEC-2008 22:20:01	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	35440	No
312	GOM_NL__2PRFIN20081209_222236_000000552074_00316_35440_0538.N1	09-DEC-2008 22:22:36	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	35440	No
313	GOM_NL__2PRFIN20081209_222503_000000562074_00316_35440_0539.N1	09-DEC-2008 22:25:03	Dark	56.000	117	Pi Pup	2.7060	3800.0	112	35440	No
314	GOM_NL__2PRFIN20081209_222831_000000582074_00316_35440_0540.N1	09-DEC-2008 22:28:31	Straylight	57.500	23	21Eps CMa	1.5020	26000.	115	35440	No
315	GOM_NL__2PRFIN20081209_223332_000000552074_00316_35440_0541.N1	09-DEC-2008 22:33:32	Straylight	55.000	47	2Bet CMa	1.9760	28000.	110	35440	No
316	GOM_NL__2PRFIN20081209_223714_000000522074_00316_35440_0542.N1	09-DEC-2008 22:37:14	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	35440	No
317	GOM_NL__2PRFIN20081209_223943_000000502074_00316_35440_0543.N1	09-DEC-2008 22:39:43	Straylight	50.000	30	46Eps Ori	1.6940	30000.	100	35440	No
318	GOM_NL__2PRFIN20081209_224211_000000502074_00316_35440_0544.N1	09-DEC-2008 22:42:11	Tw_i_and_stray	50.000	27	24Gam Ori	1.6360	26000.	100	35440	No
319	GOM_NL__2PRFIN20081209_224446_000000562074_00316_35440_0545.N1	09-DEC-2008 22:44:46	Tw_i_and_stray	56.000	13	87Alp Tau	0.86700	3800.0	112	35440	No
320	GOM_NL__2PRFIN20081209_224732_000000462074_00316_35440_0546.N1	09-DEC-2008 22:47:32	Bright	45.500	176	23Zet Tau	3.0200	22000.	91	35440	No
321	GOM_NL__2PRFIN20081209_225008_000000422074_00316_35440_0547.N1	09-DEC-2008 22:50:08	Bright	41.500	114	3lot Aur	2.6930	4600.0	83	35440	No
322	GOM_NL__2PRFIN20081209_225330_000000442074_00316_35440_0548.N1	09-DEC-2008 22:53:30	Bright	44.000	107	37The Aur	2.6490	11000.	88	35440	No
323	GOM_NL__2PRFIN20081209_225535_000000452074_00316_35440_0549.N1	09-DEC-2008 22:55:35	Bright	44.500	42	34Bet Aur	1.9000	10200.	89	35440	No
324	GOM_NL__2PRFIN20081209_231055_000000472074_00316_35440_0550.N1	09-DEC-2008 23:10:55	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	35440	No
325	GOM_NL__2PRFIN20081209_231226_000000482074_00316_35440_0551.N1	09-DEC-2008 23:12:26	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	35440	No
326	GOM_NL__2PRFIN20081209_231445_000000412074_00316_35440_0552.N1	09-DEC-2008 23:14:45	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	35440	No
327	GOM_NL__2PRFIN20081209_231707_000000562074_00316_35440_0553.N1	09-DEC-2008 23:17:07	Bright	56.000	39	85Eta UMa	1.8540	24000.	112	35440	No
328	GOM_NL__2PRFIN20081209_232040_000000442074_00316_35440_0554.N1	09-DEC-2008 23:20:40	Bright	43.500	152	12Alp2CVn	2.8900	11000.	87	35440	No
329	GOM_NL__2PRFIN20081209_232633_000000382074_00316_35440_0555.N1	09-DEC-2008 23:26:33	Bright	38.000	111	8Eta Boo	2.6800	6000.0	76	35440	No
330	GOM_NL__2PRFIN20081209_233005_000000472074_00316_35440_0556.N1	09-DEC-2008 23:30:05	Bright	47.000	138	47Eps Vir	2.8280	4700.0	94	35440	No
331	GOM_NL__2PRFIN20081209_233558_000000502074_00316_35440_0557.N1	09-DEC-2008 23:35:58	Bright	49.500	15	67Alp Vir	0.97600	28000.	99	35440	No
332	GOM_NL__2PRFIN20081209_233926_000000432074_00316_35440_0558.N1	09-DEC-2008 23:39:26	Twilight	43.000	169	46Gam Hya	2.9910	4700.0	86	35440	No
333	GOM_NL__2PRFIN20081209_234248_000000602074_00316_35440_0559.N1	09-DEC-2008 23:42:48	Dark	59.500	171	2Eps Crv	3.0010	4250.0	119	35440	No
334	GOM_NL__2PRFIN20081209_234826_000000422074_00316_35440_0560.N1	09-DEC-2008 23:48:26	Dark	41.500	99	Del Cen	2.5750	26000.	83	35440	No
335	GOM_NL__2PRFIN20081209_235159_000000442074_00317_35441_0540.N1	09-DEC-2008 23:51:59	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	35441	No

3. Quality information per product

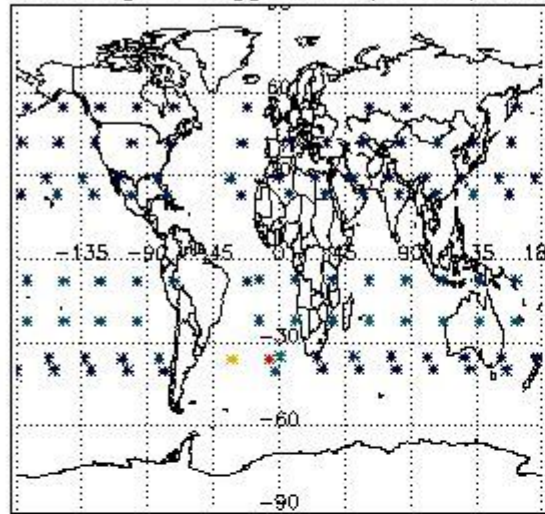
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

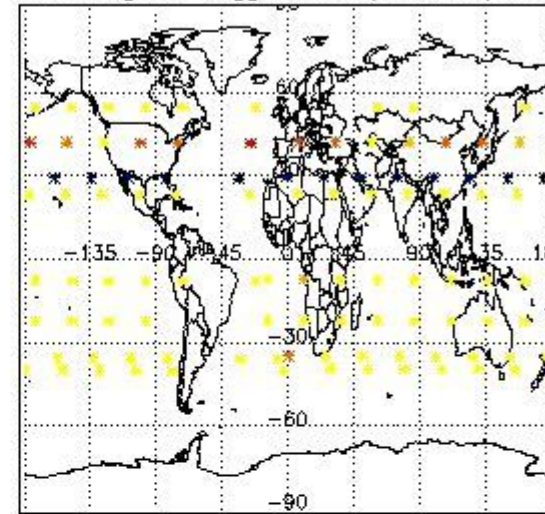


3.2 Plot quality information per product (world map)

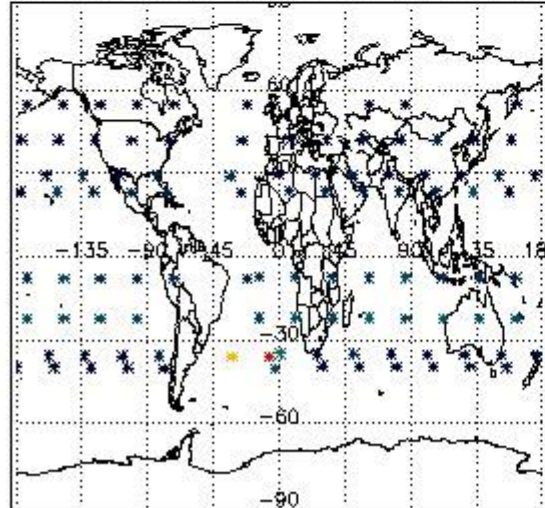
Percentage of flagged data per O3 profile



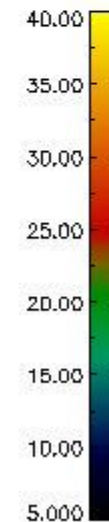
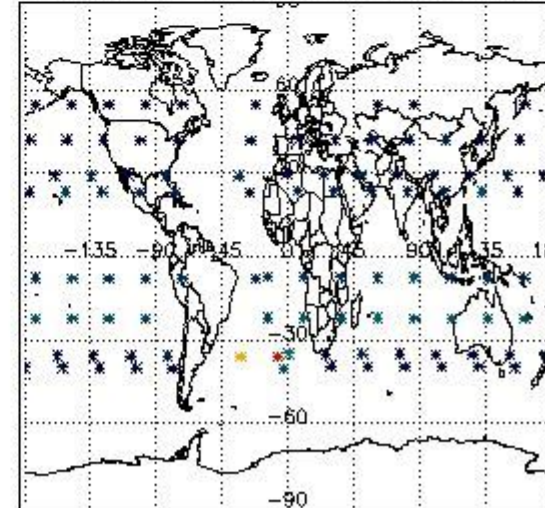
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

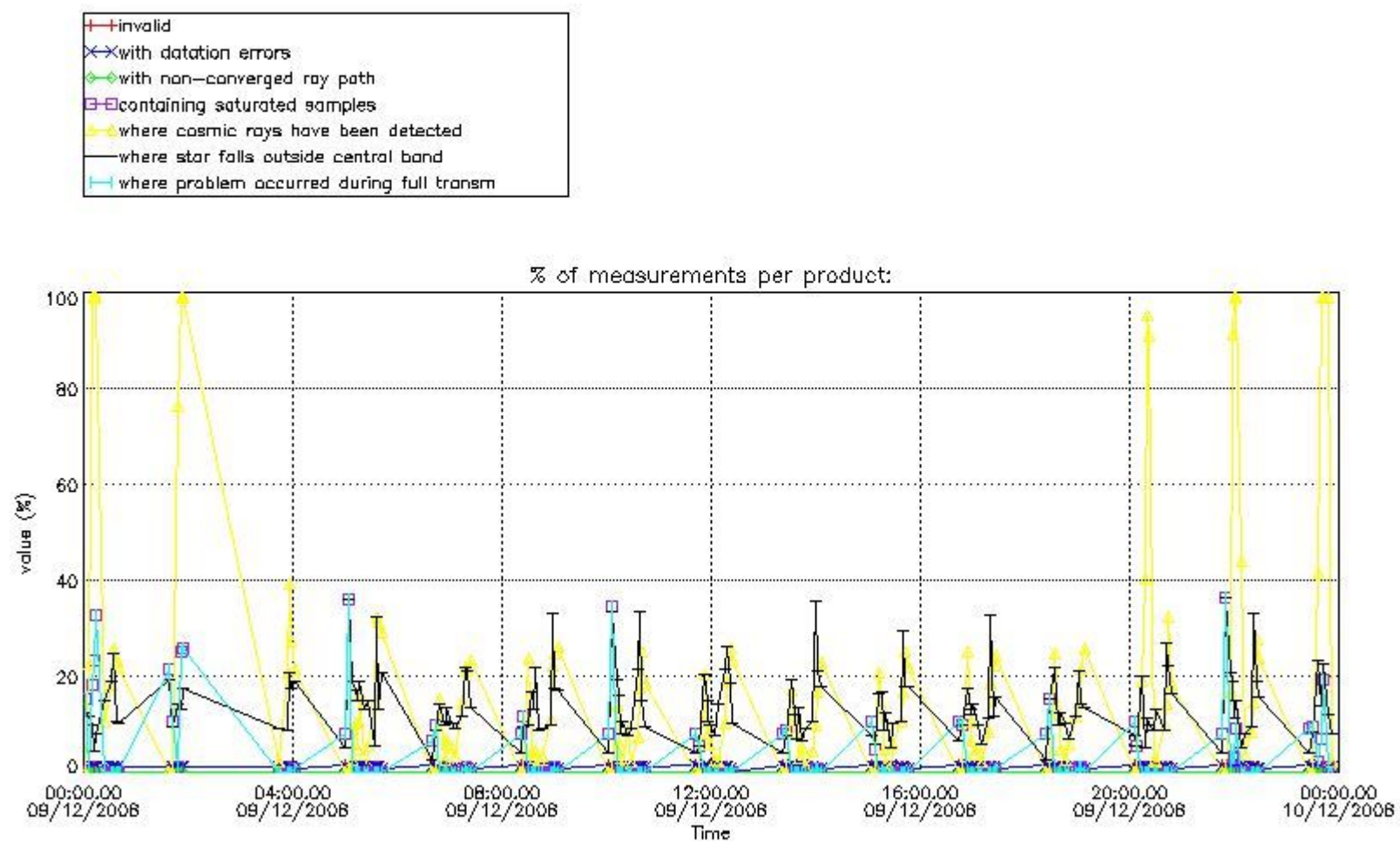


4. Level 1 quality information per product

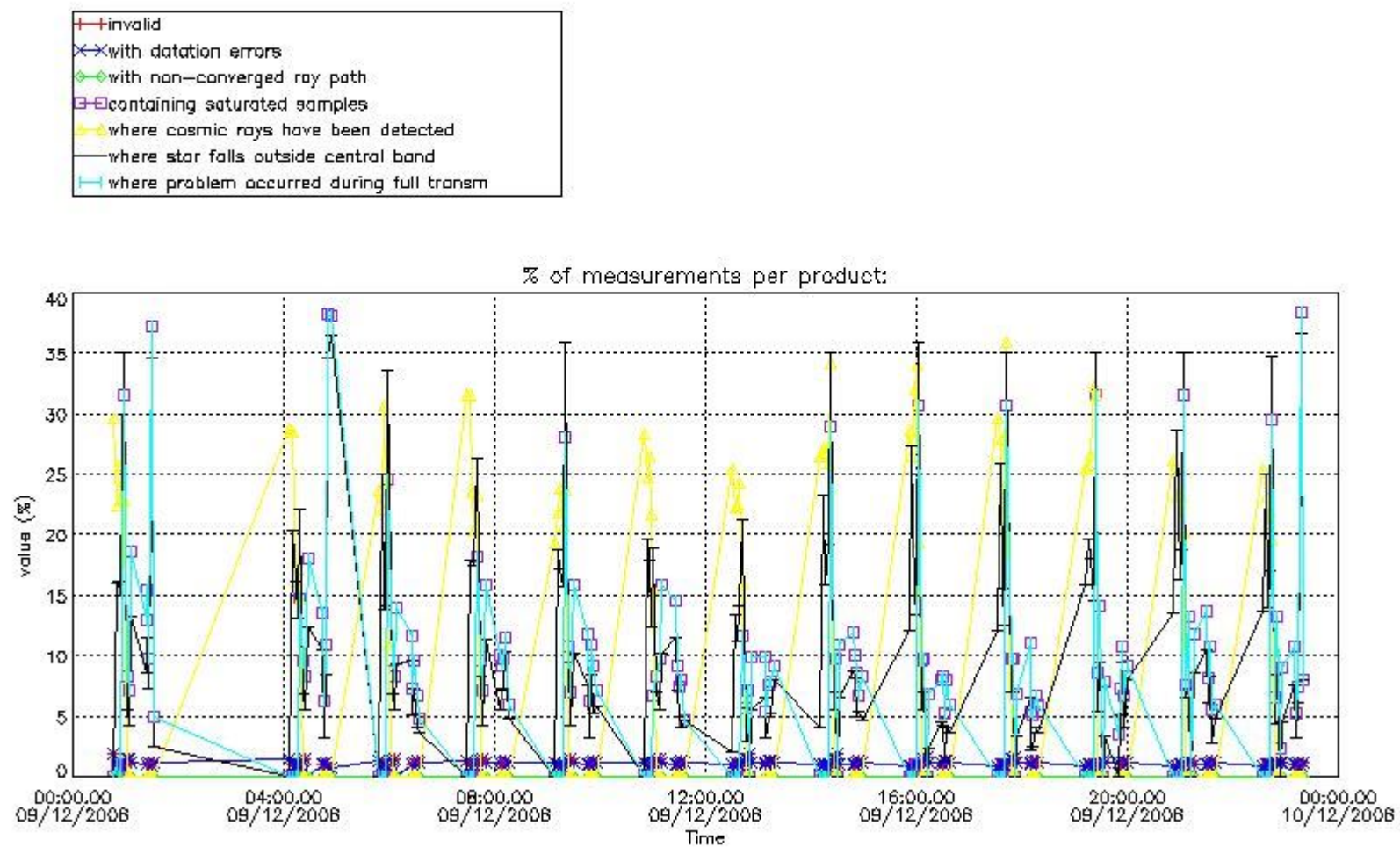
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



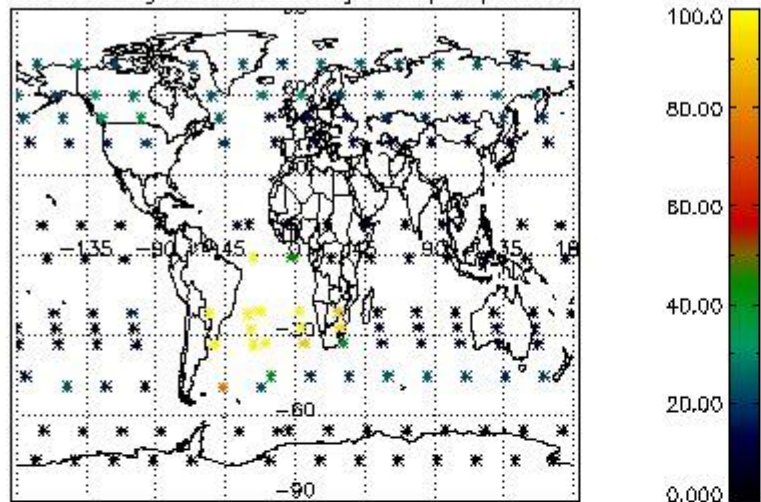
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



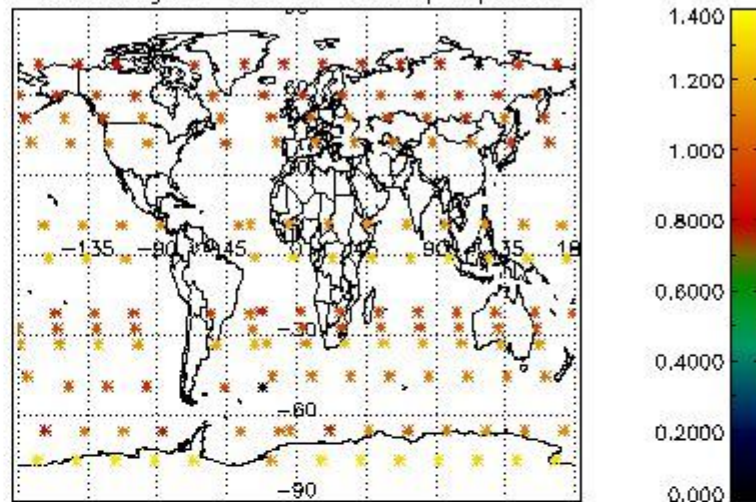
4.2 Plot quality information per product coming from level 1b processing (world map)

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

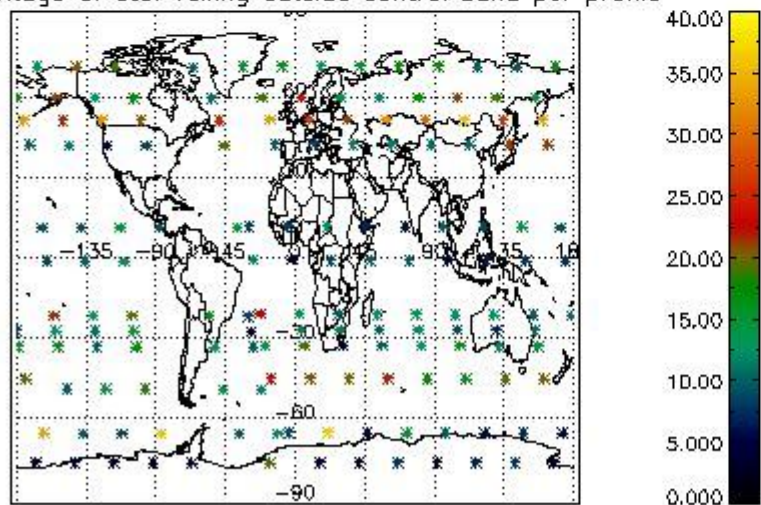
Percentage of cosmic ray hits per profile



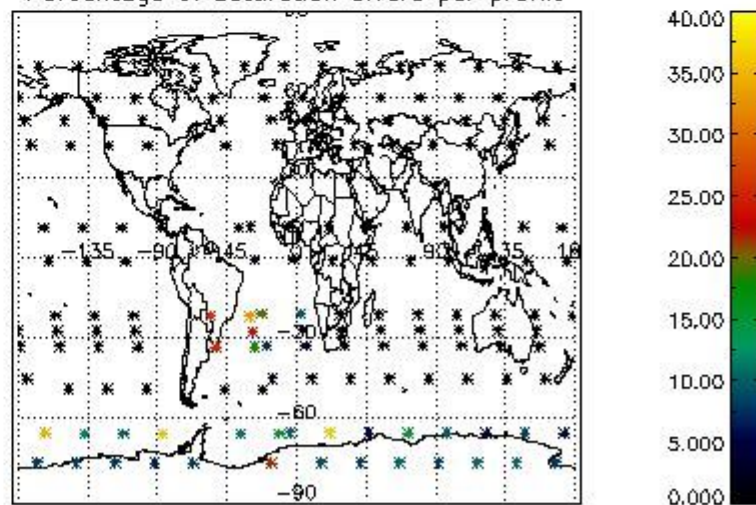
Percentage of datation errors per profile



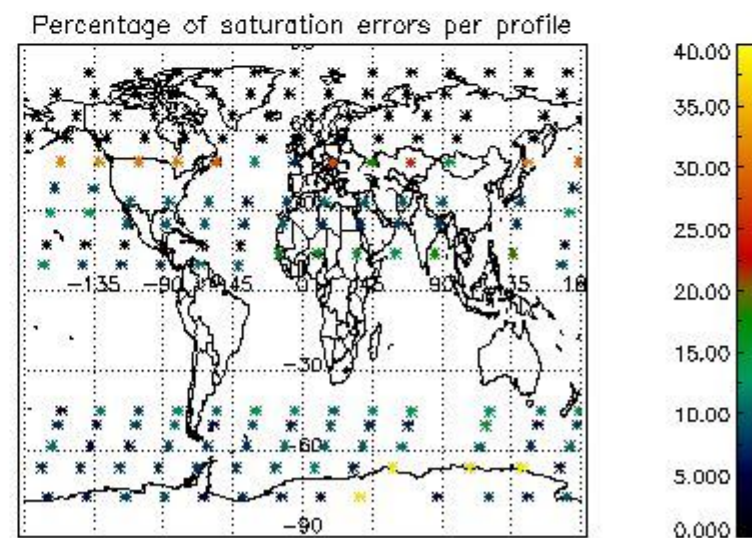
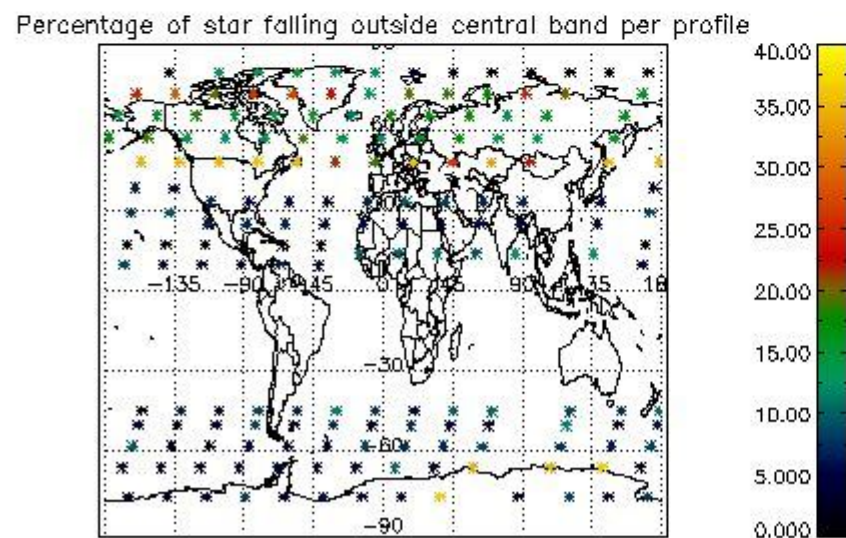
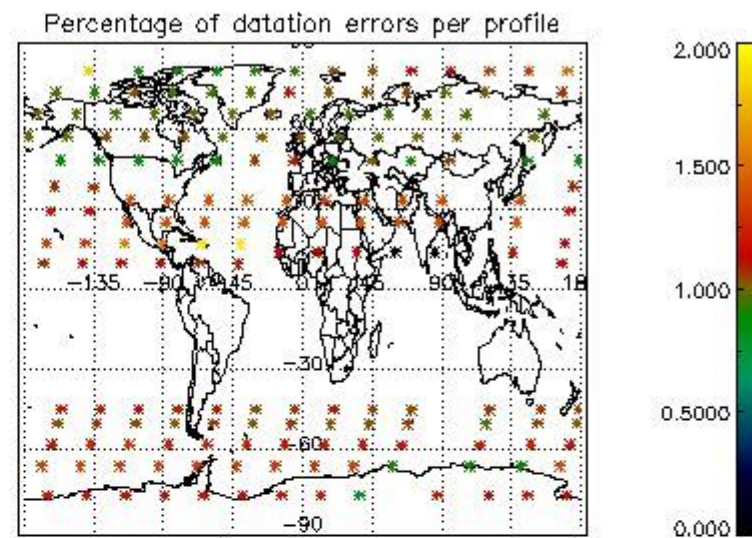
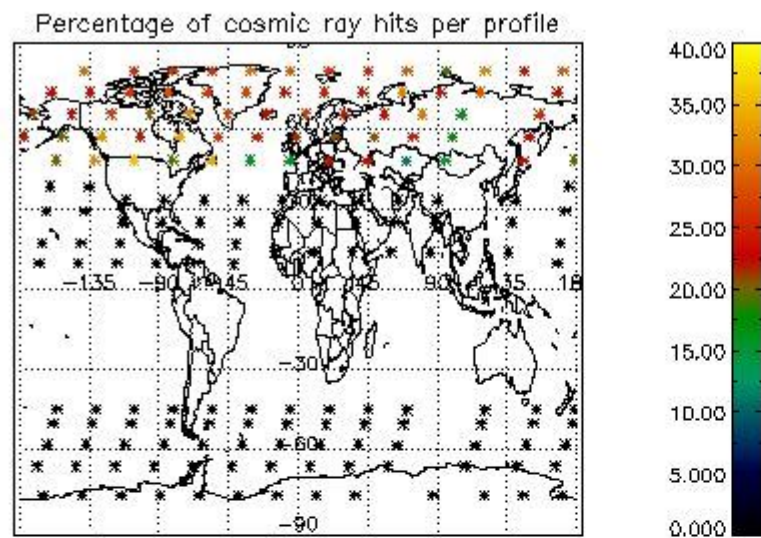
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

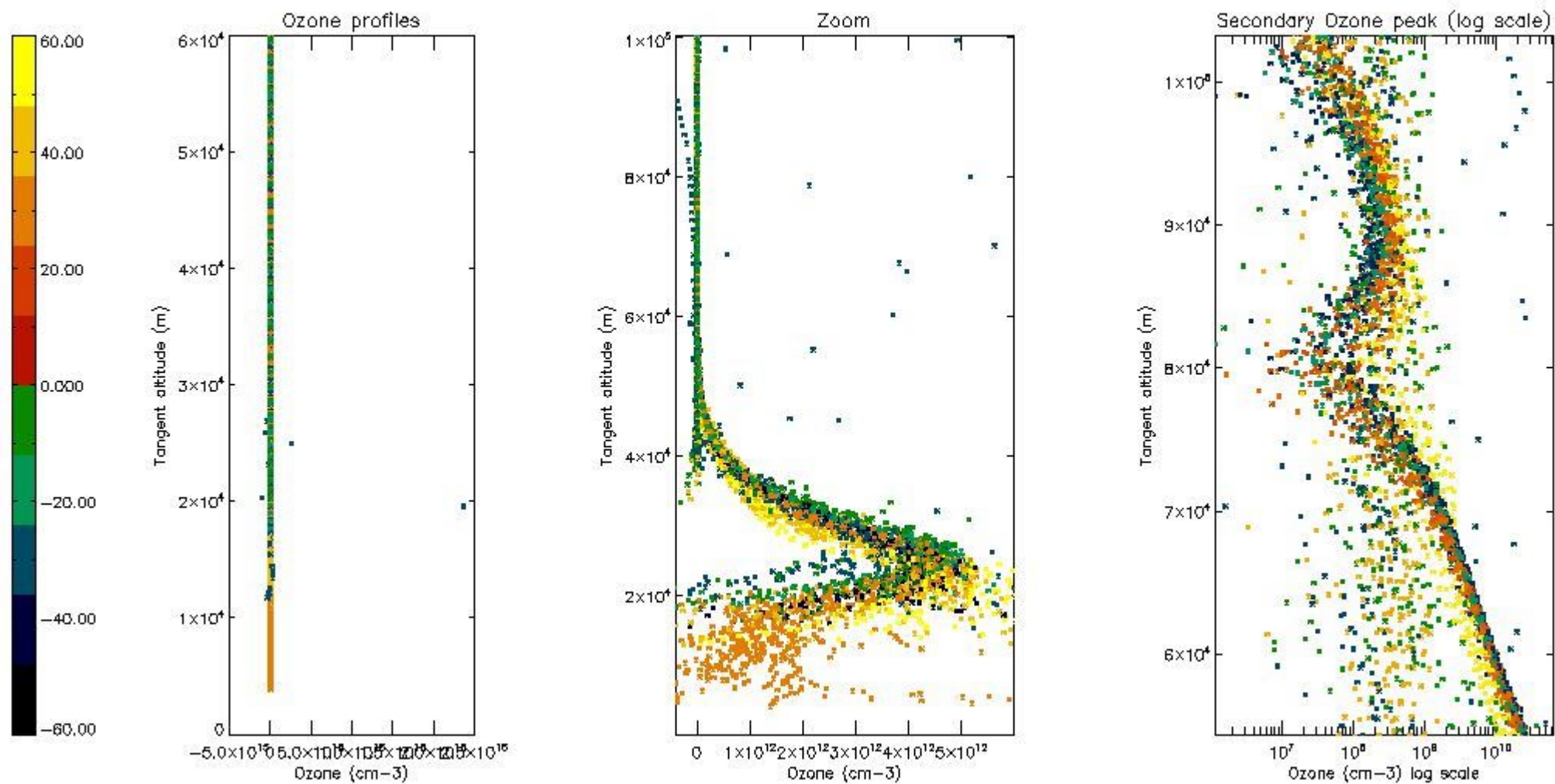
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	16

STD < 10	12
STD < 5	9

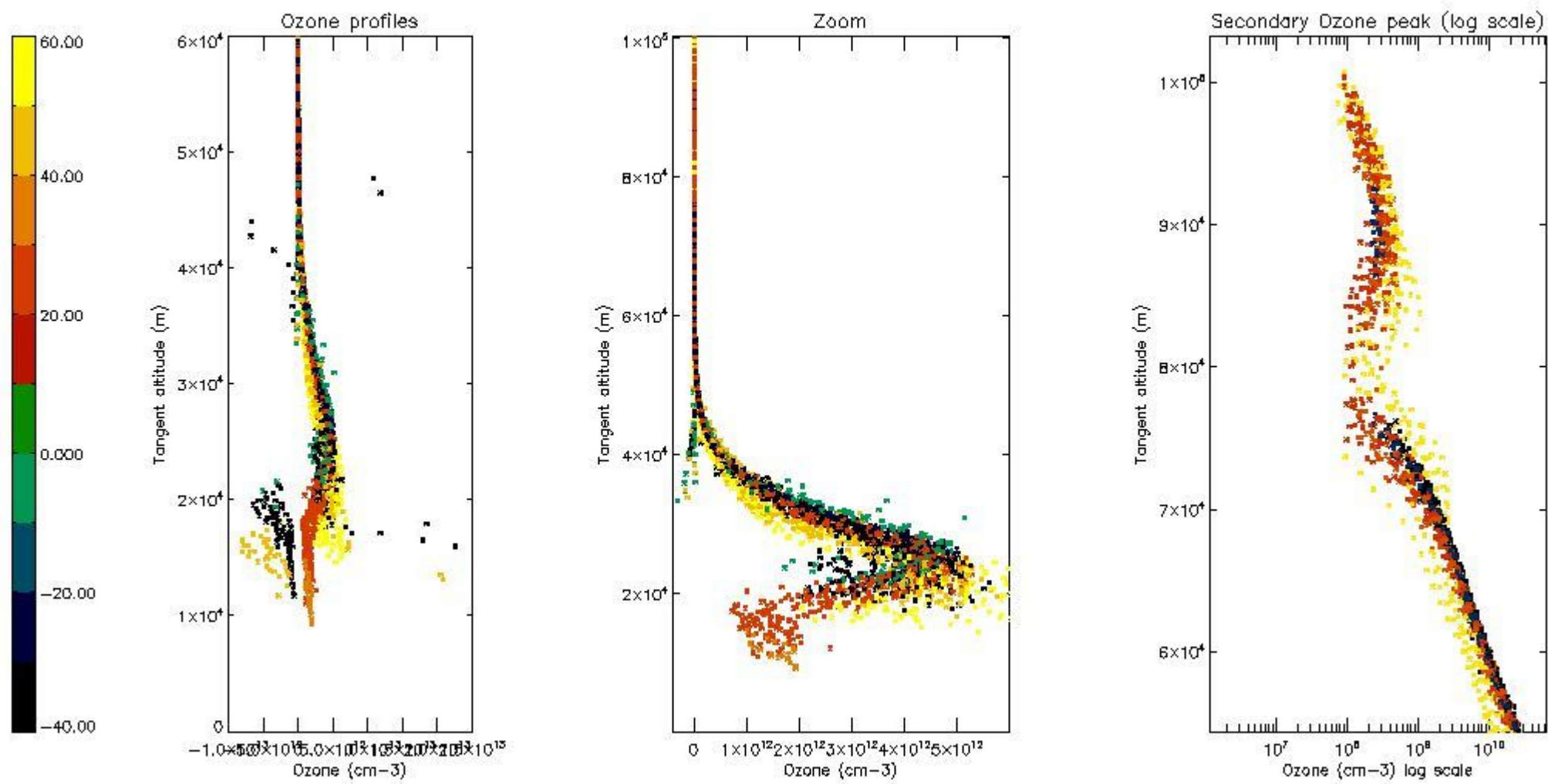
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



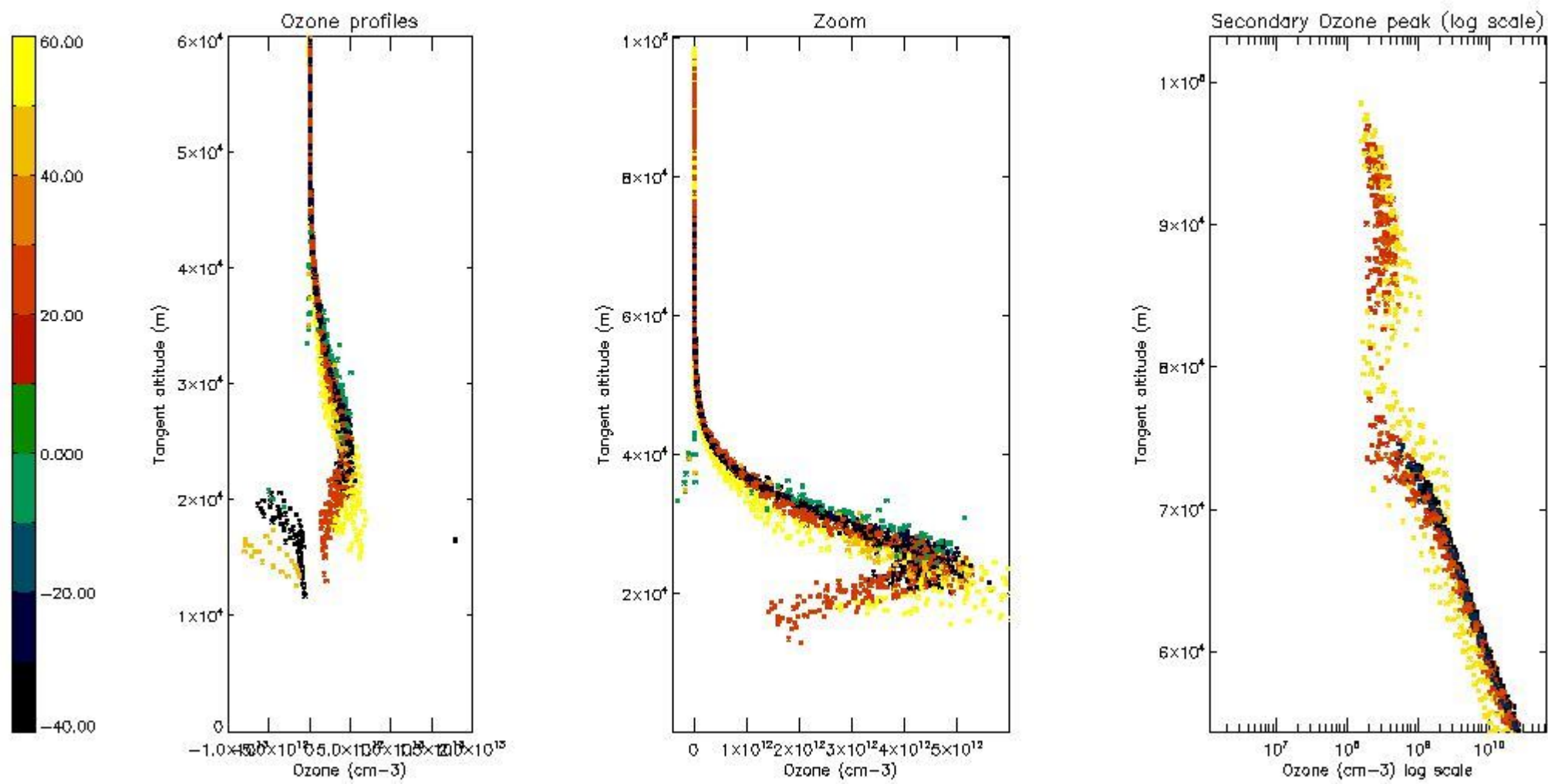
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



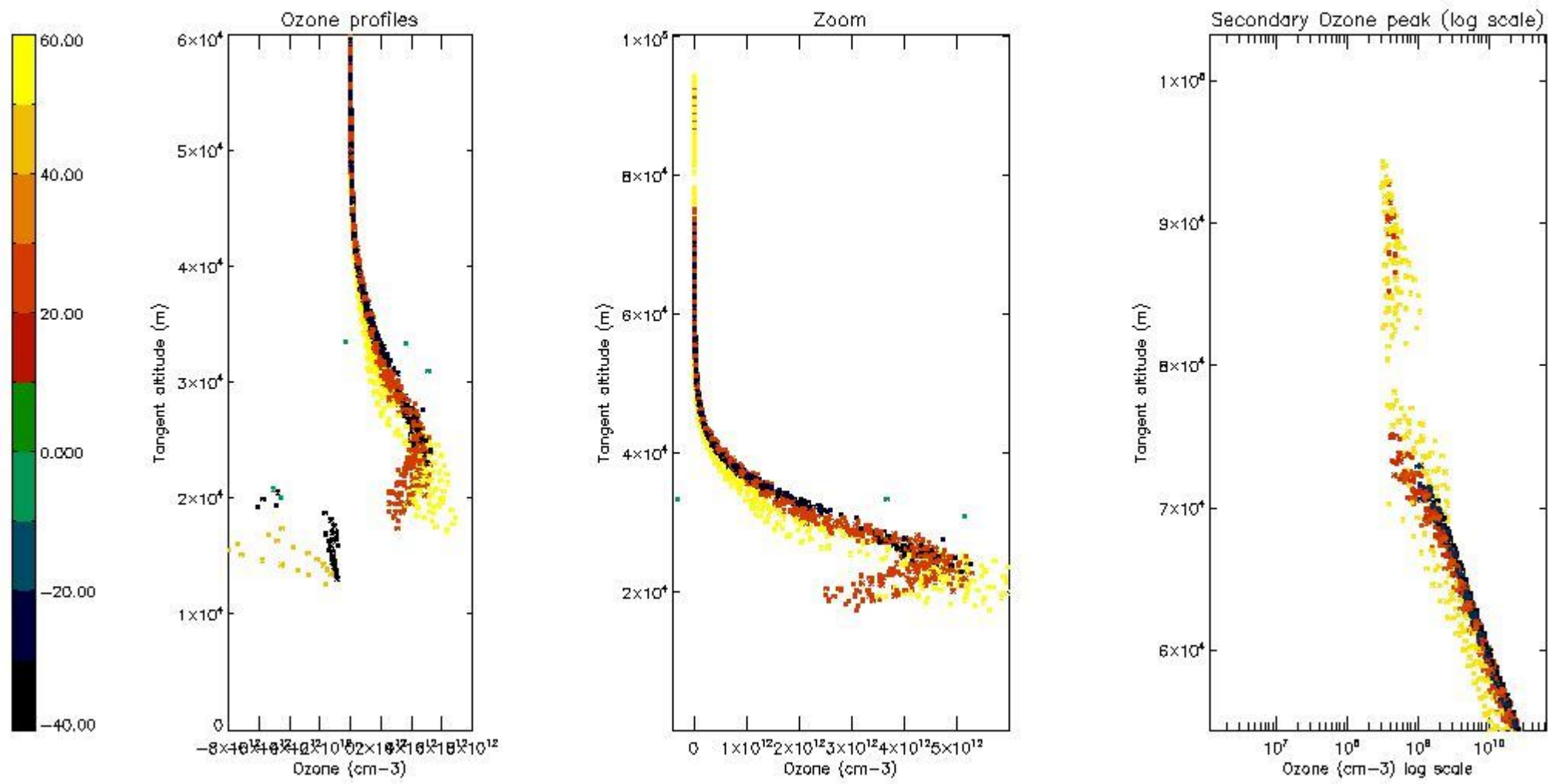
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



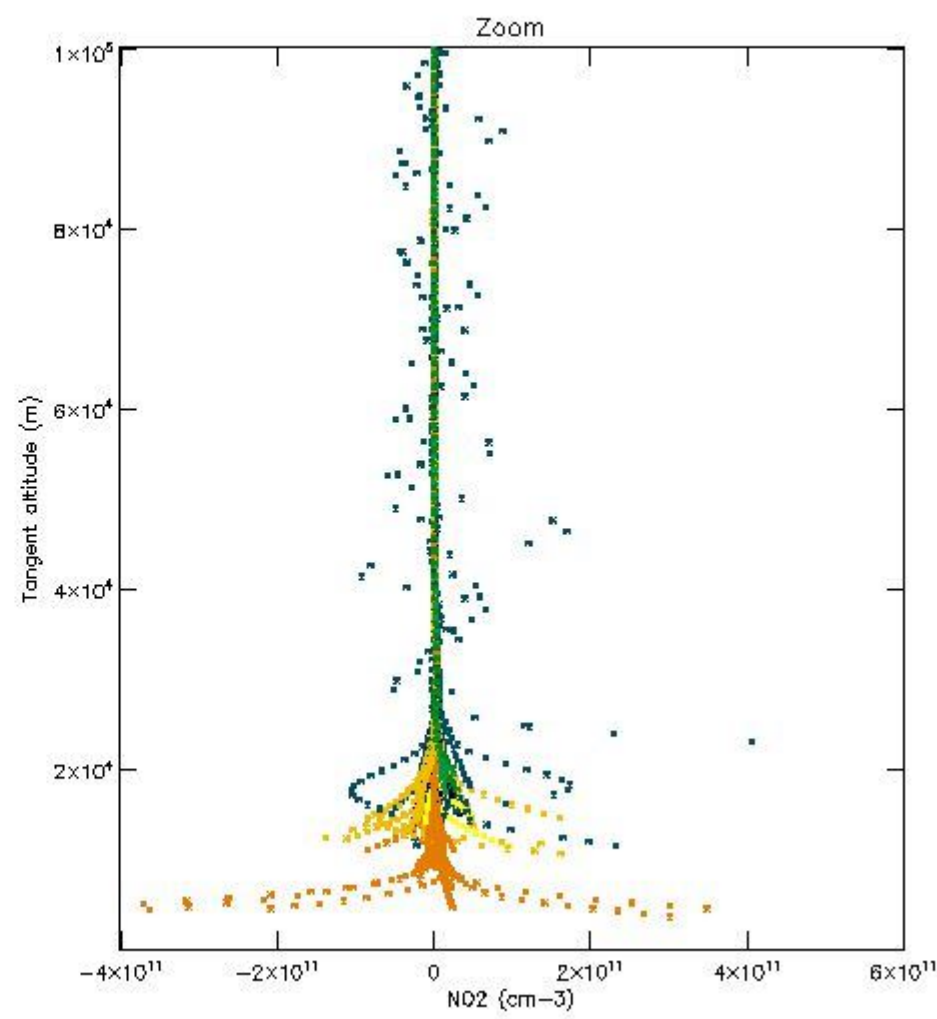
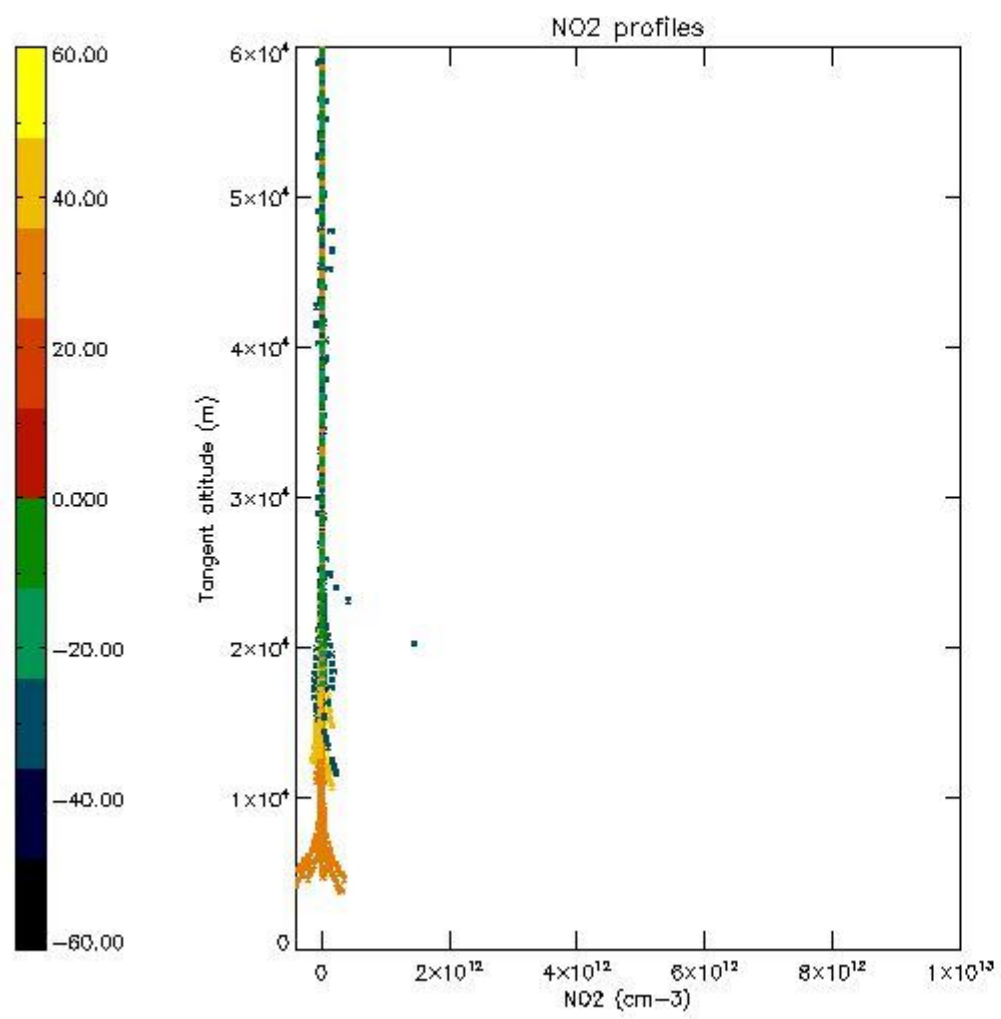
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



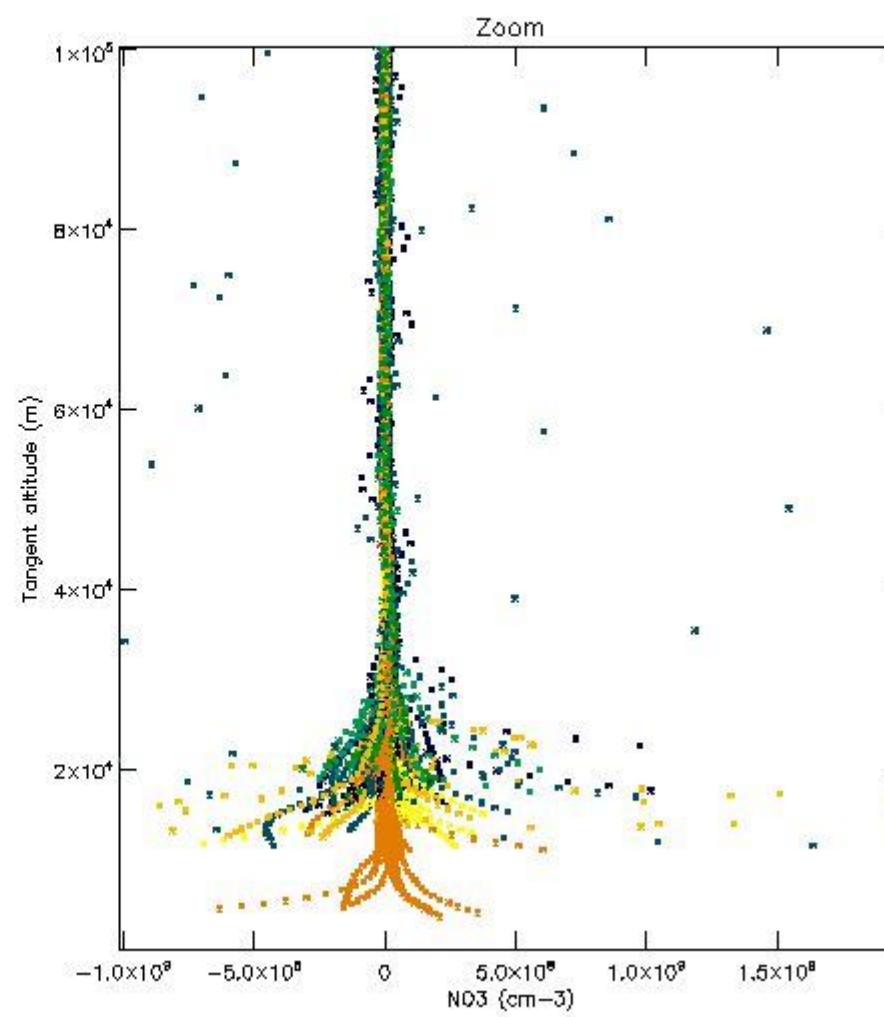
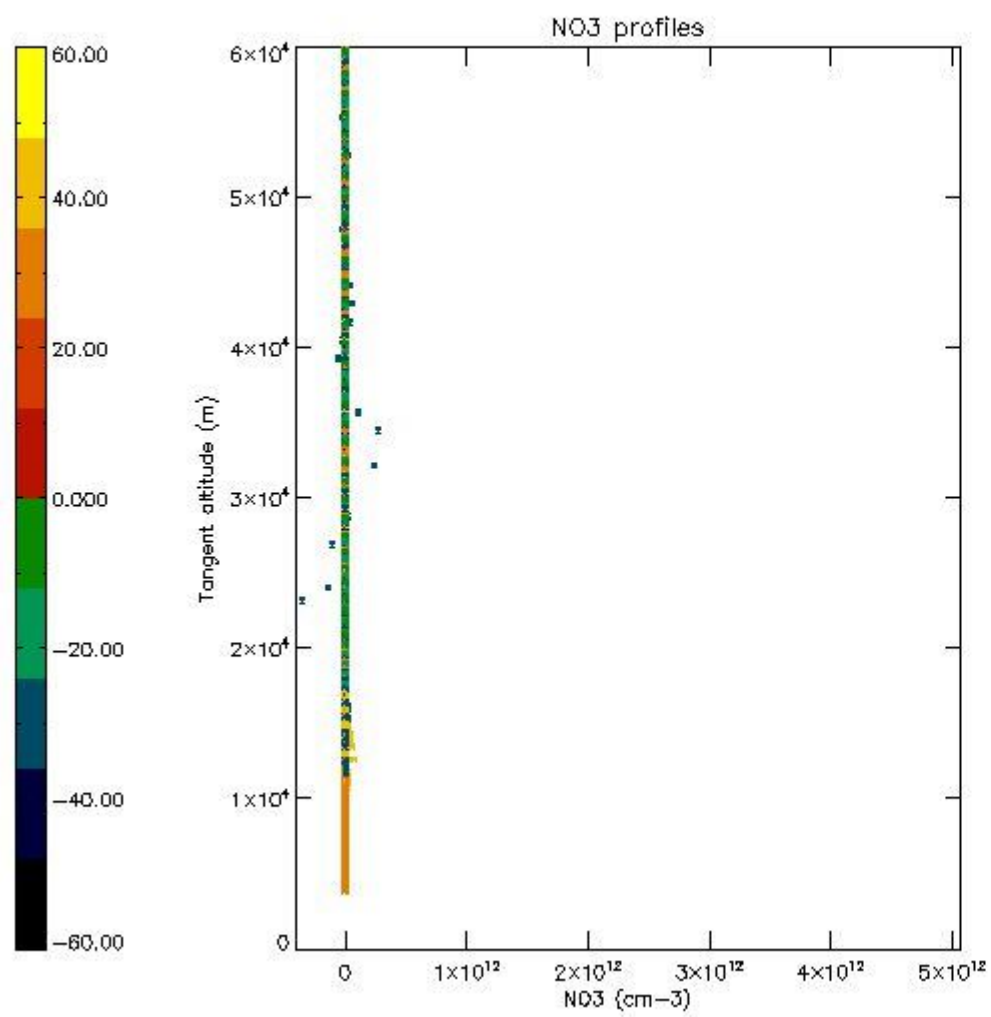
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



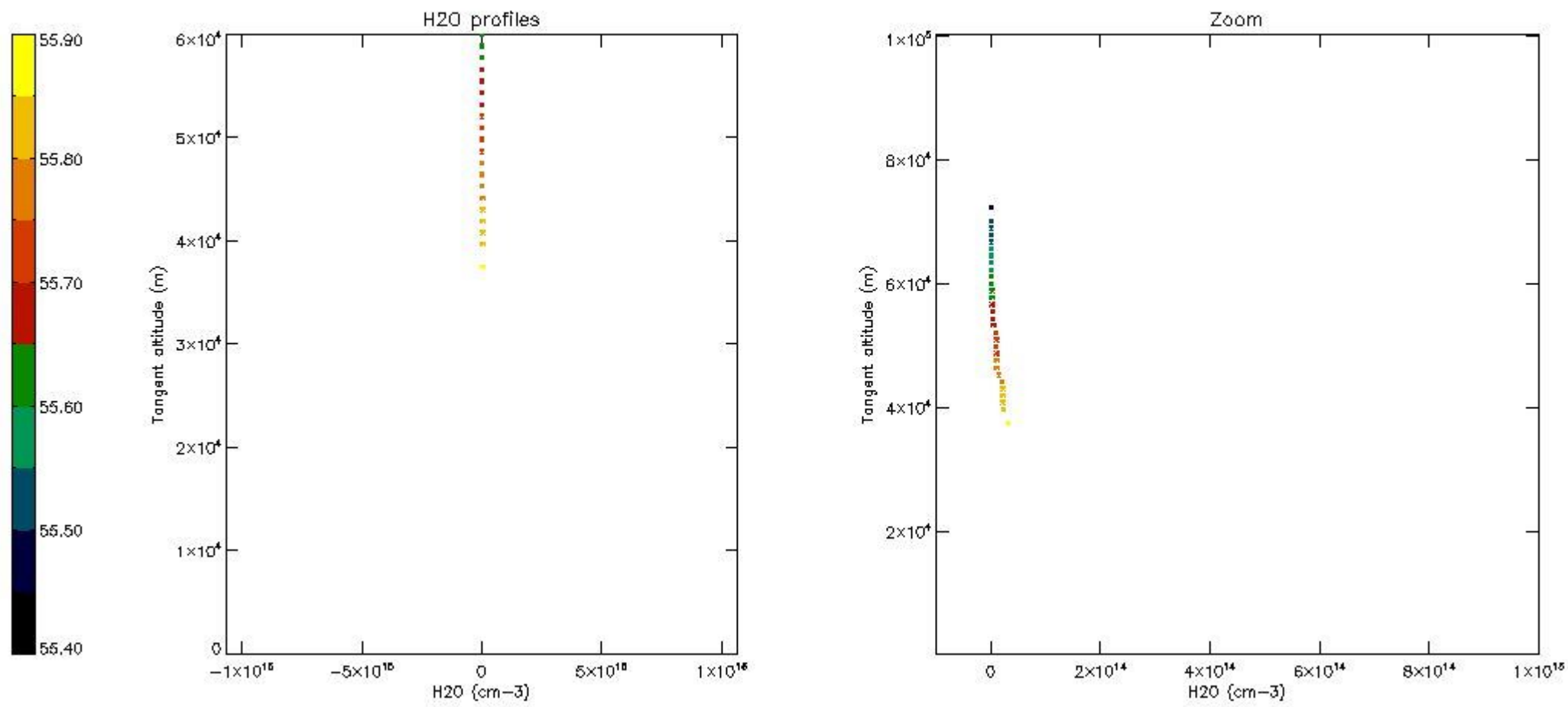
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

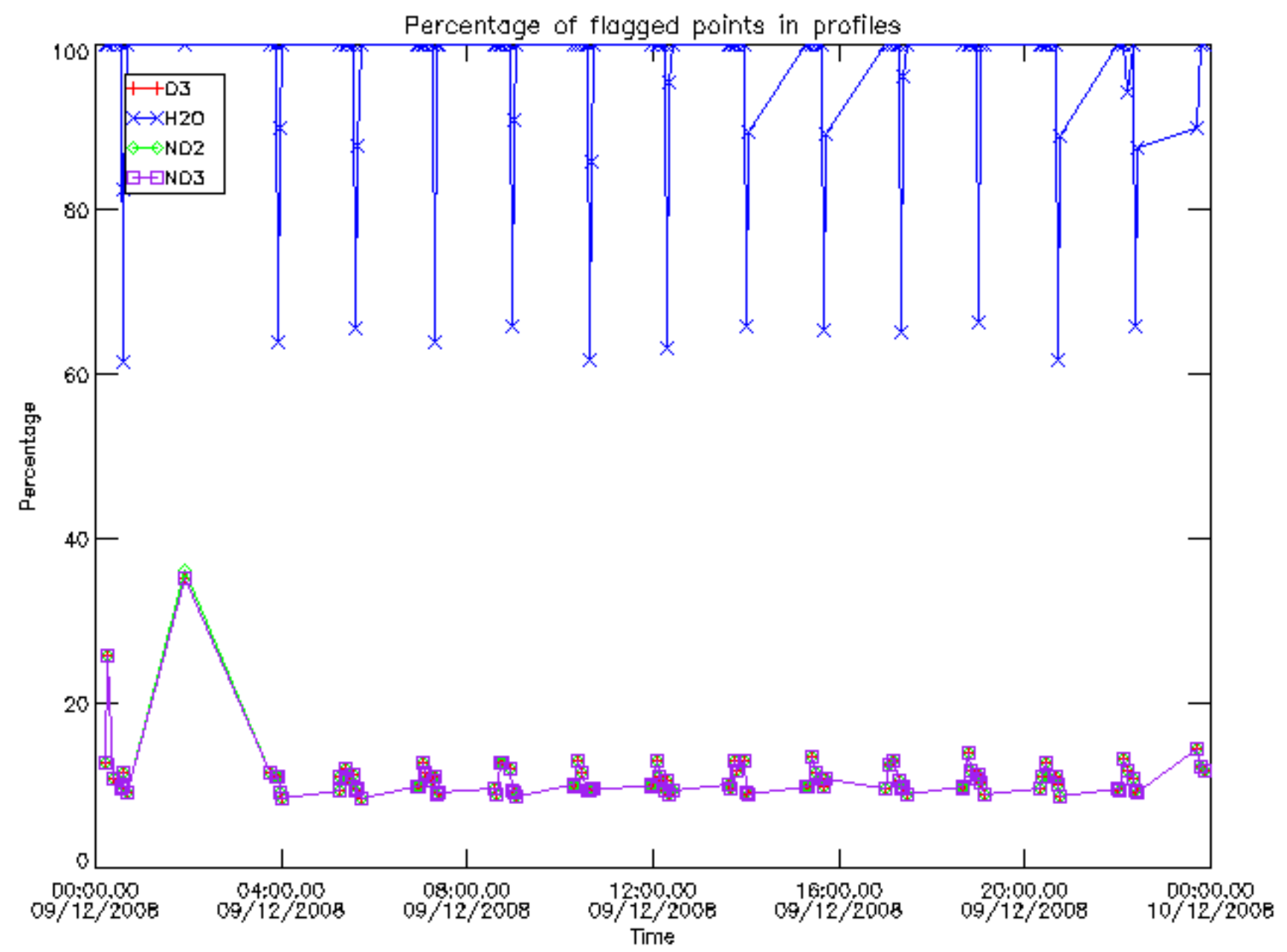
The colorbar represents the latitude.



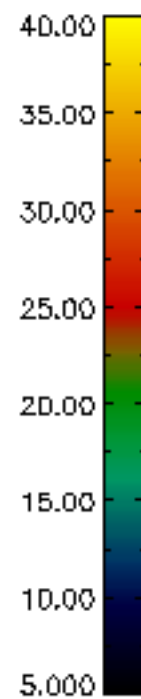
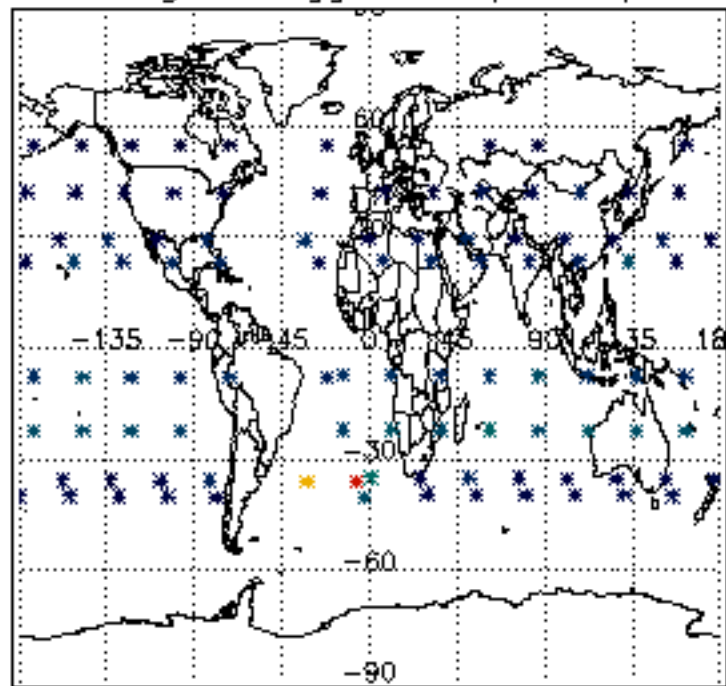
6. Auxiliary Data Files used for the production reported in section 2

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.

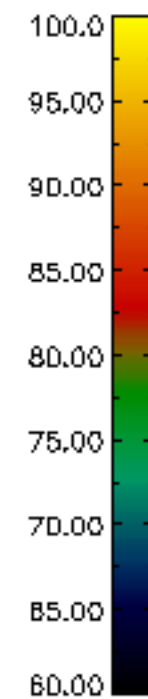
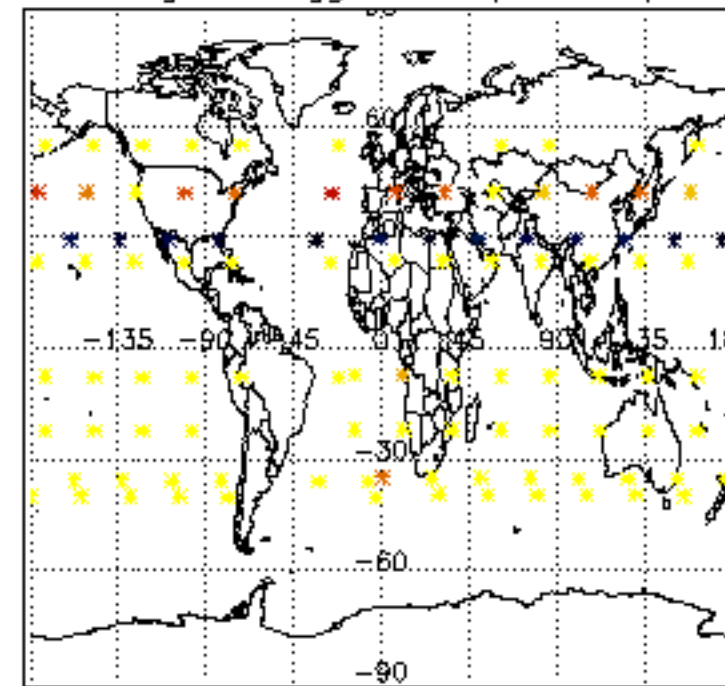
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-DEC-2008 00:01:35
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-DEC-2008 00:01:35
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-DEC-2008 00:01:35



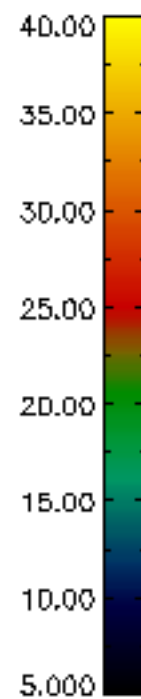
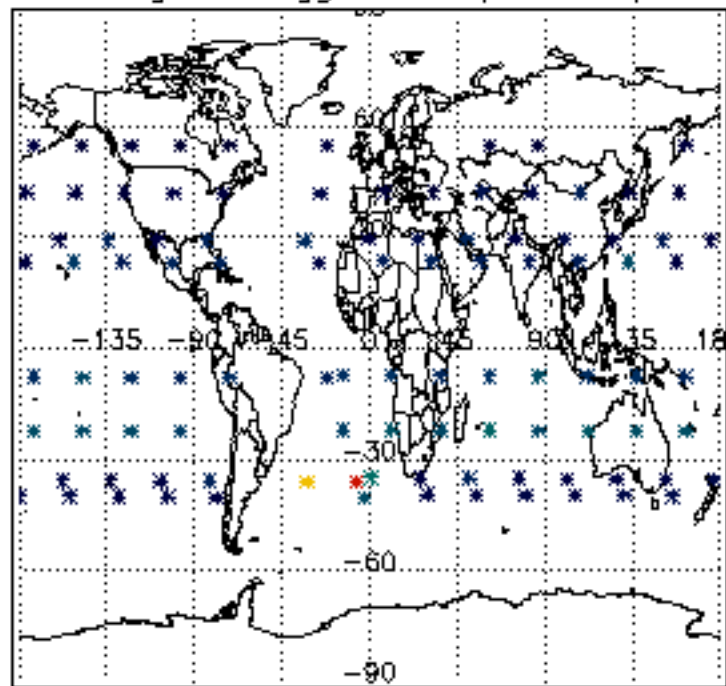
Percentage of flagged data per D3 profile



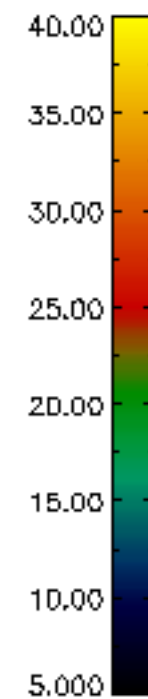
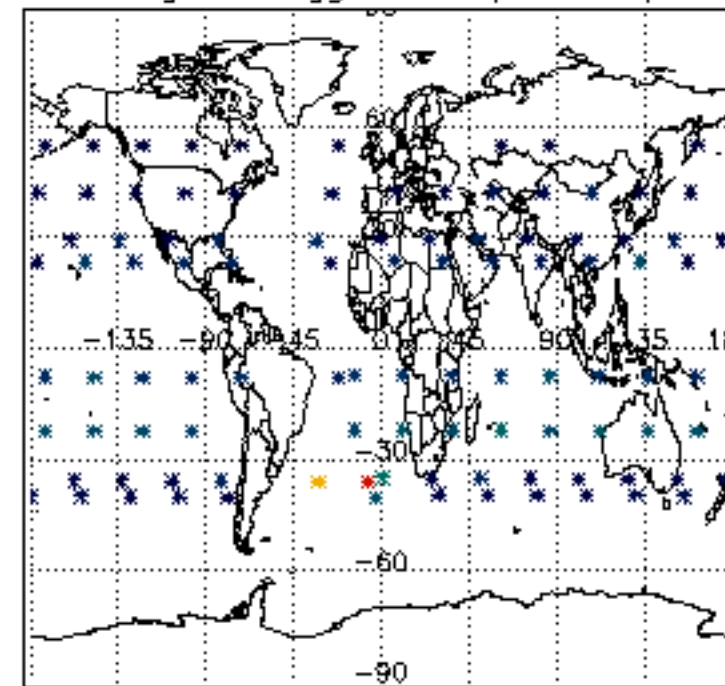
Percentage of flagged data per H2O profile

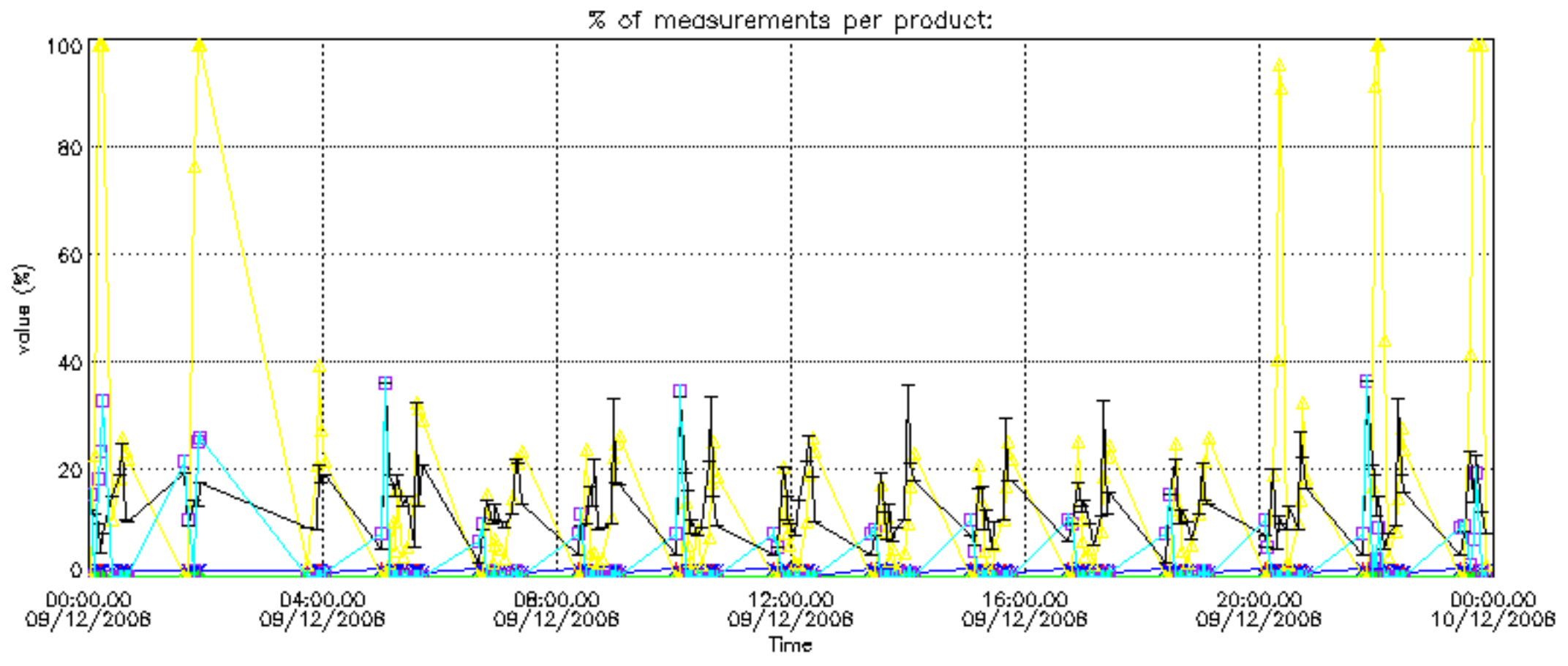


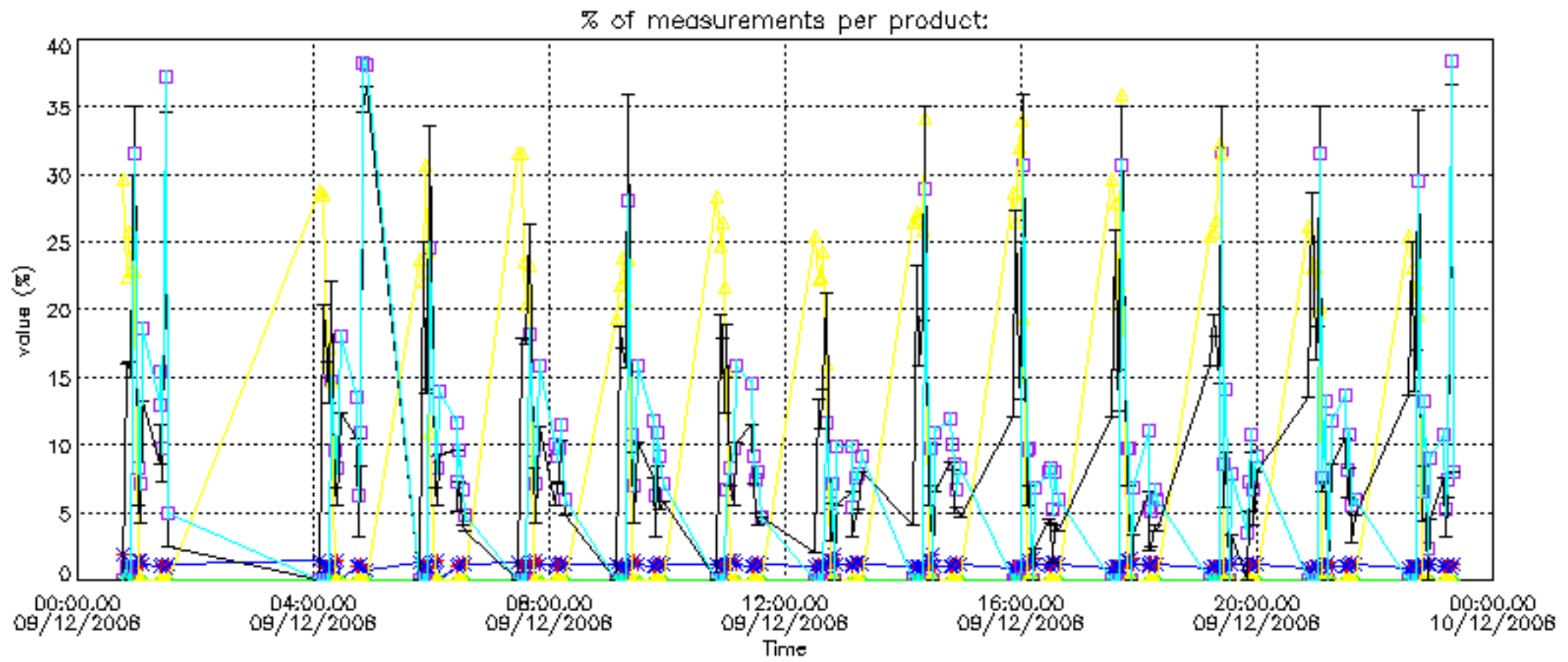
Percentage of flagged data per NO2 profile



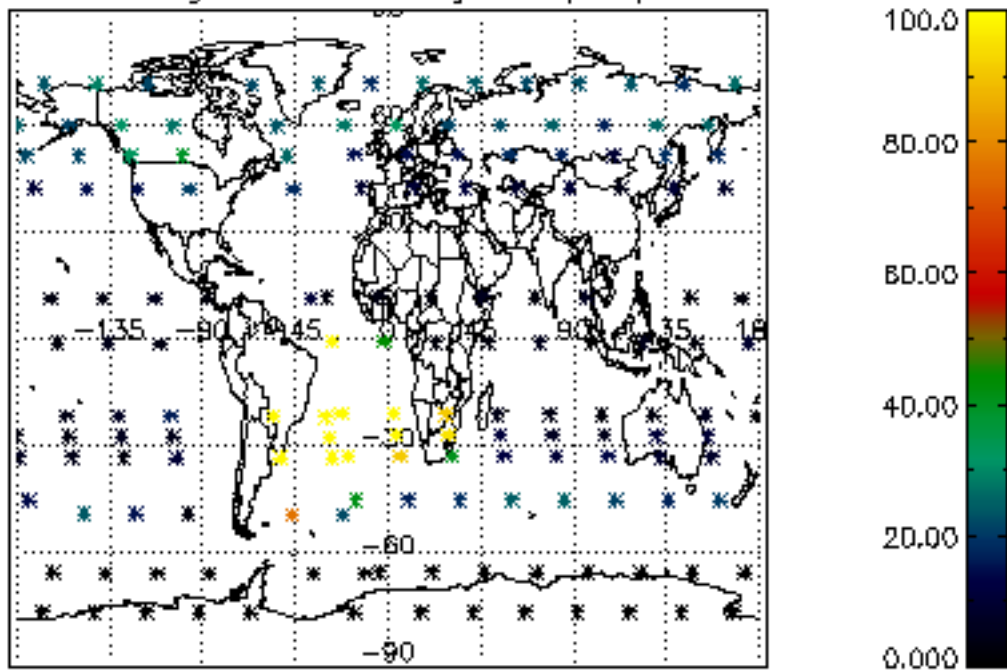
Percentage of flagged data per NO3 profile



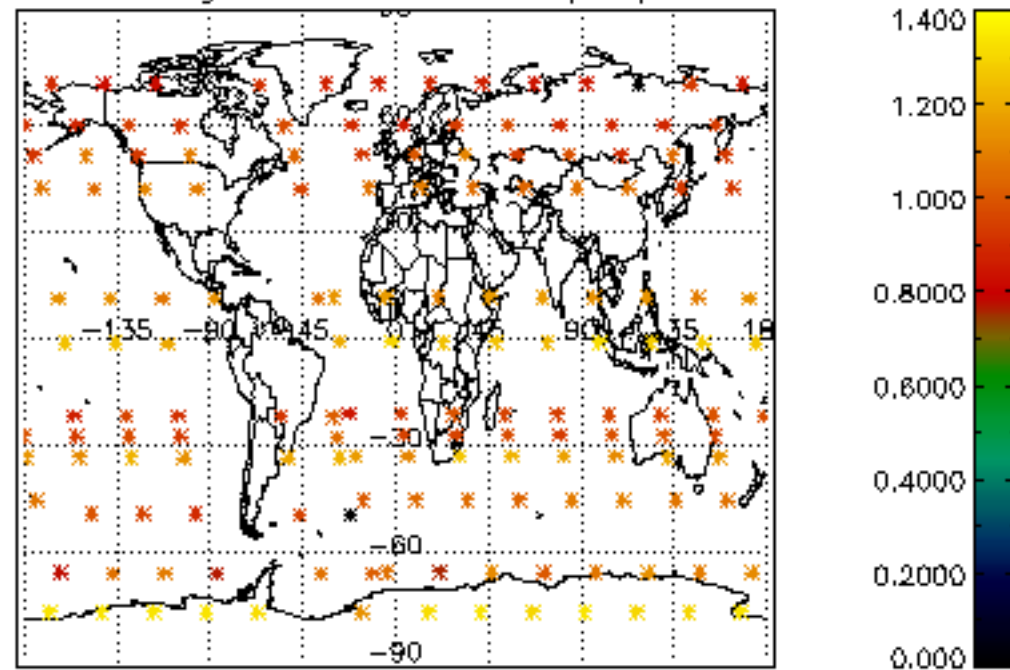




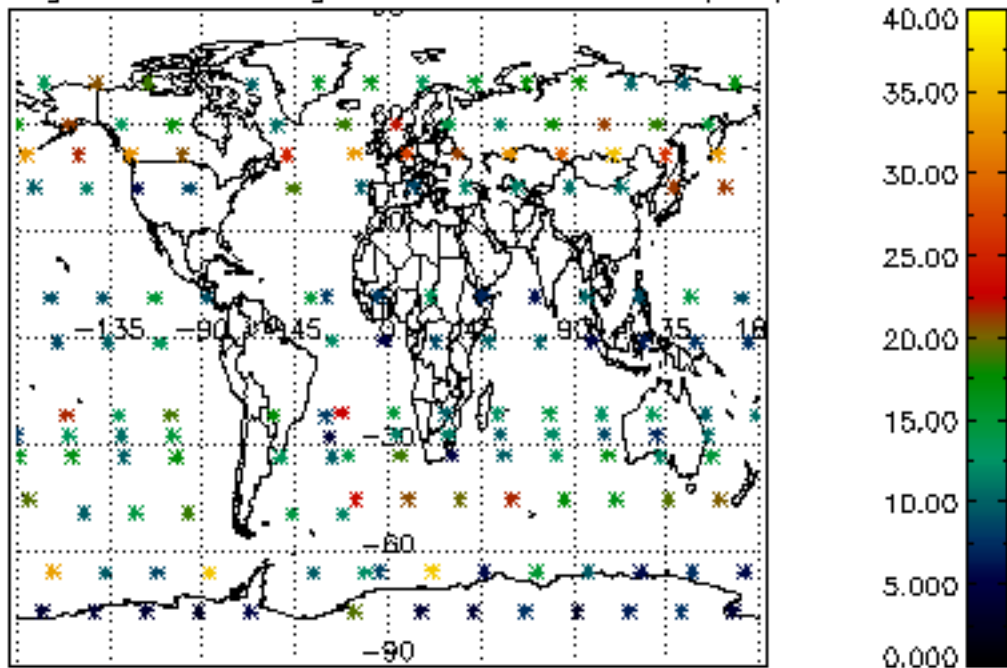
Percentage of cosmic ray hits per profile



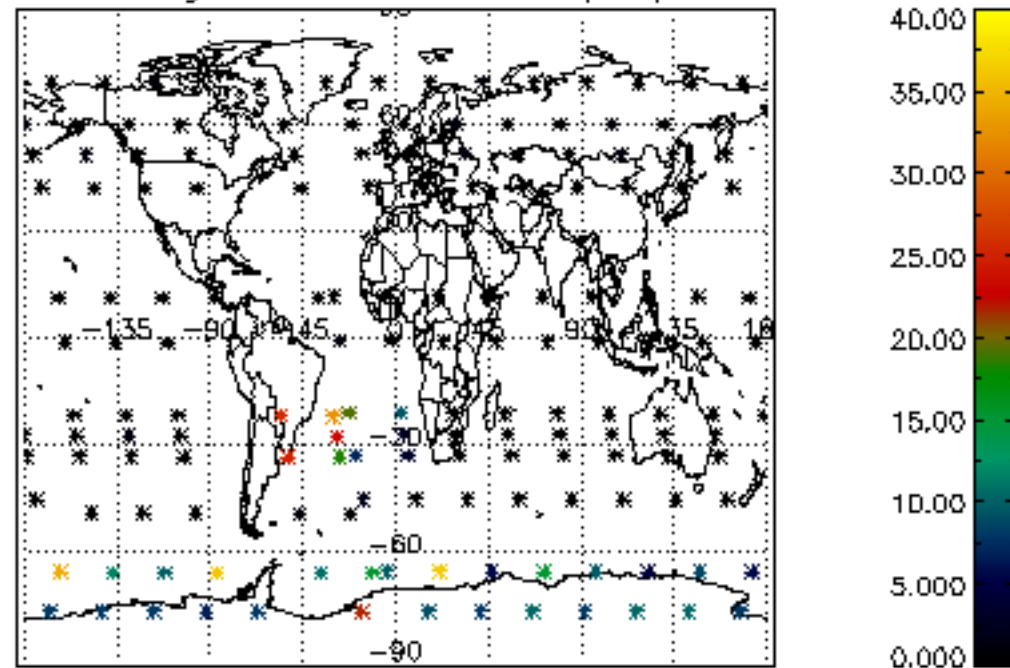
Percentage of datation errors per profile



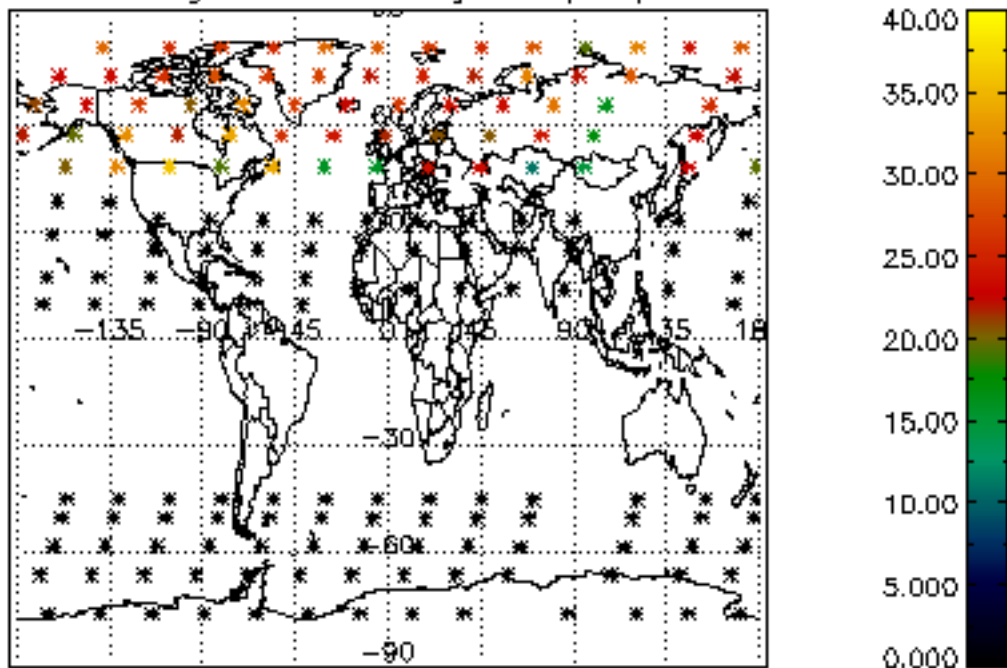
Percentage of star falling outside central band per profile



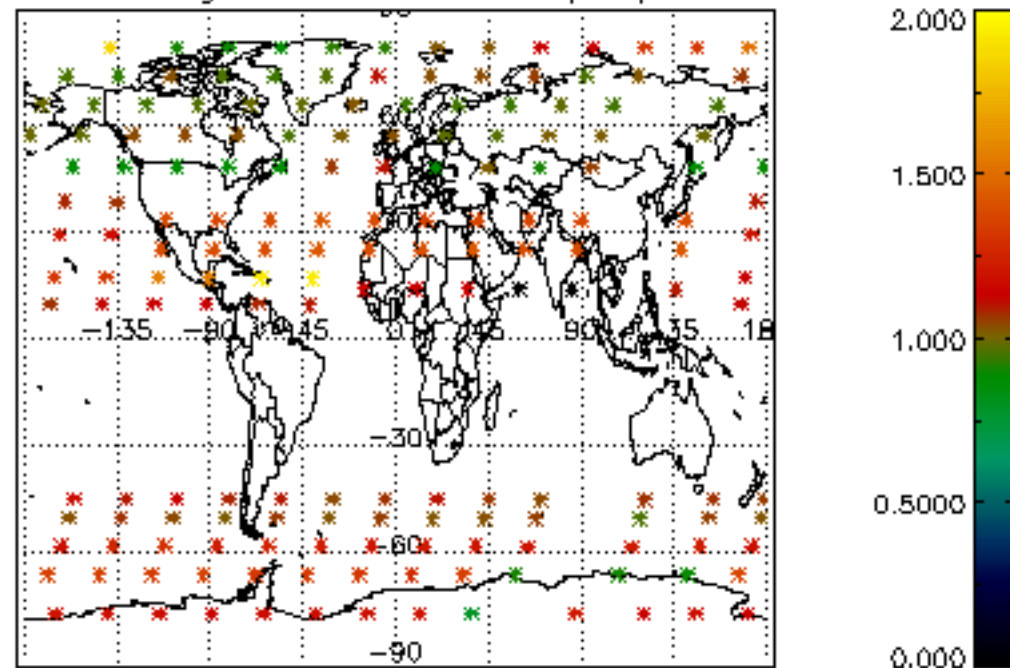
Percentage of saturation errors per profile



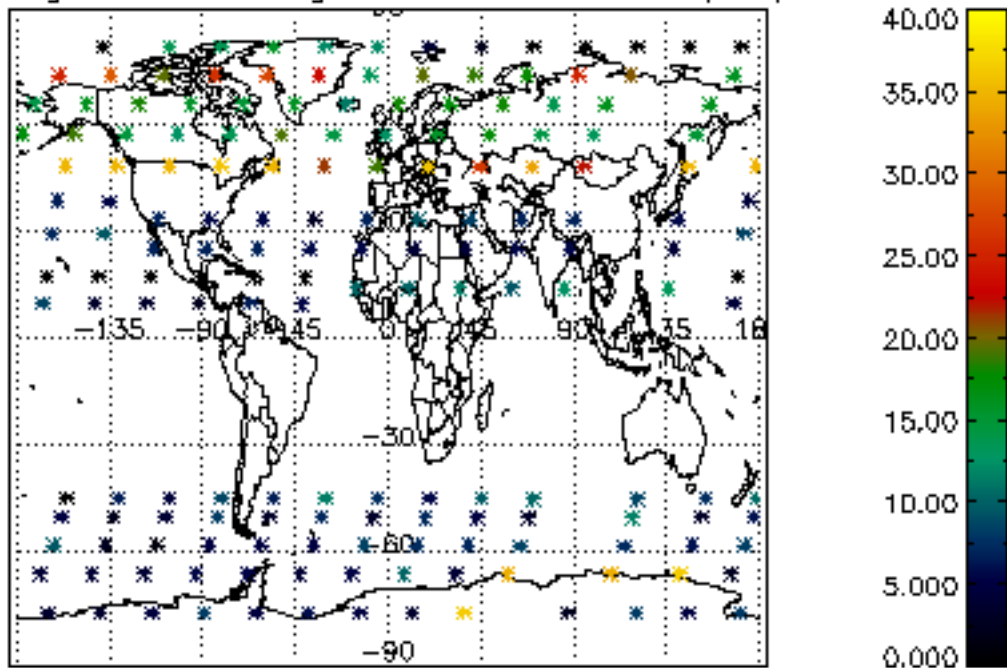
Percentage of cosmic ray hits per profile



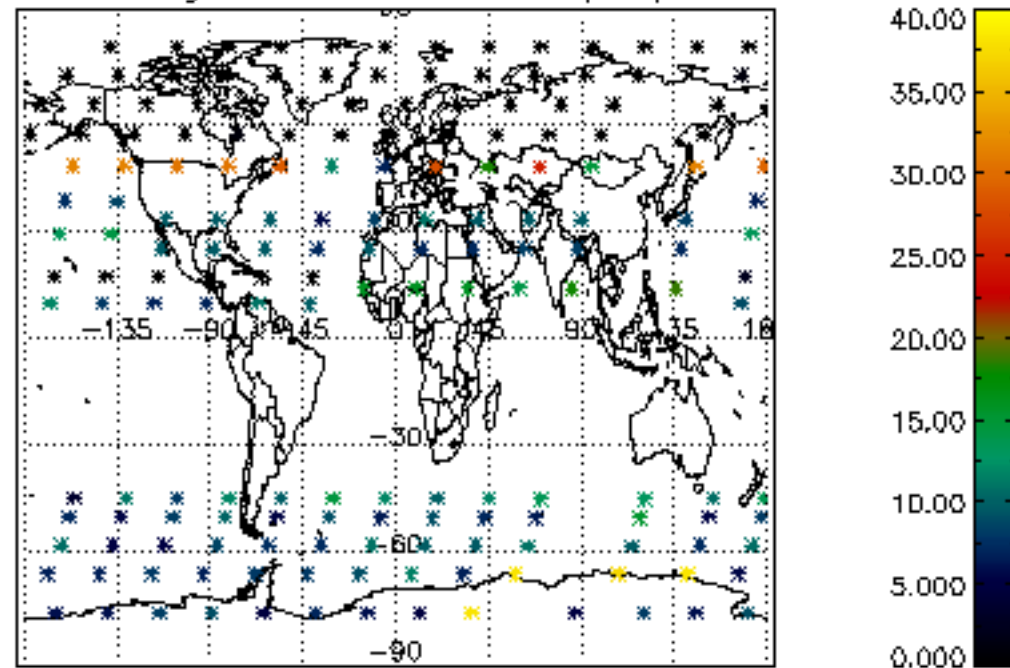
Percentage of datation errors per profile

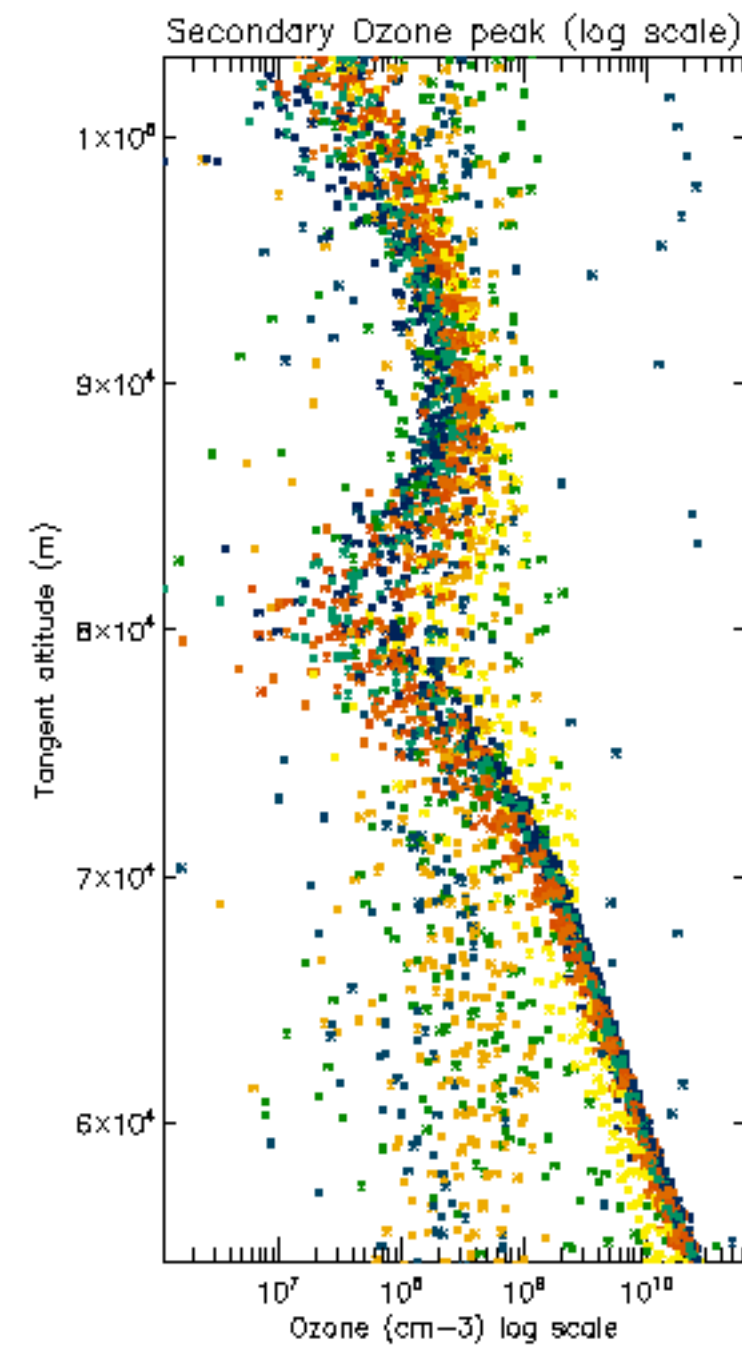
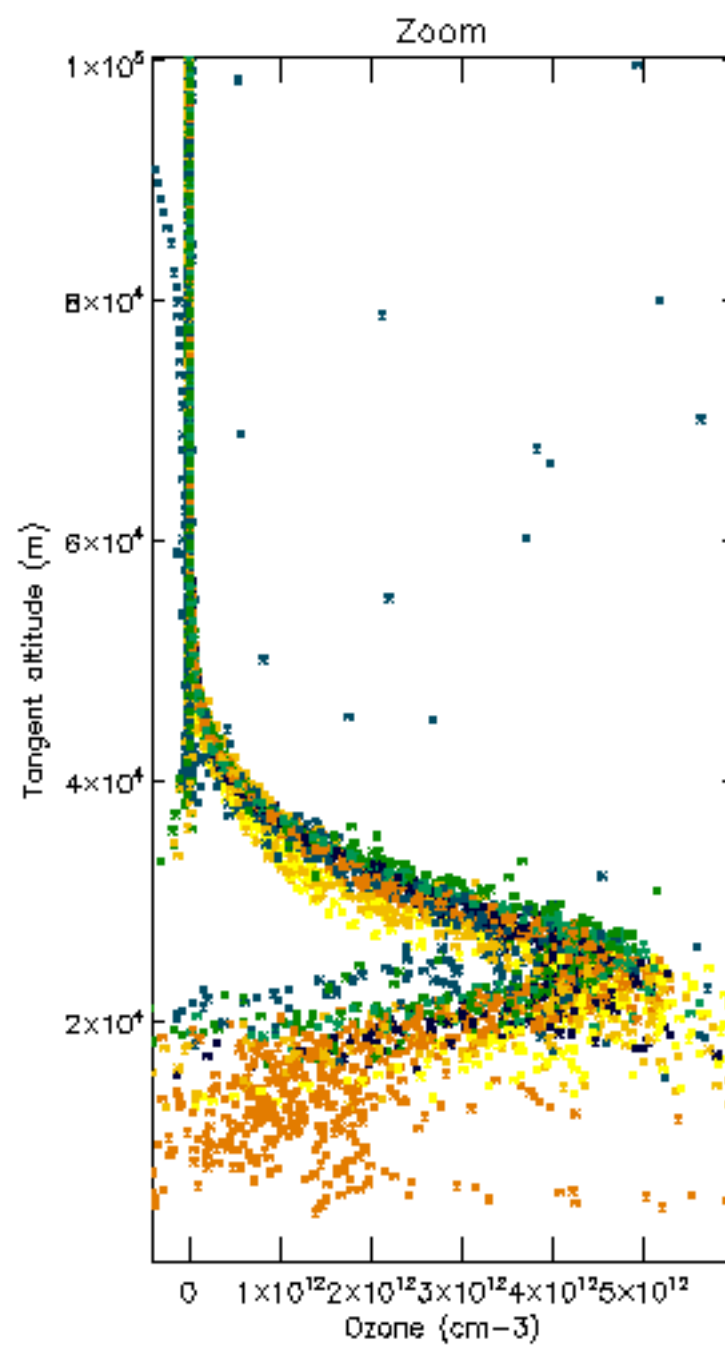
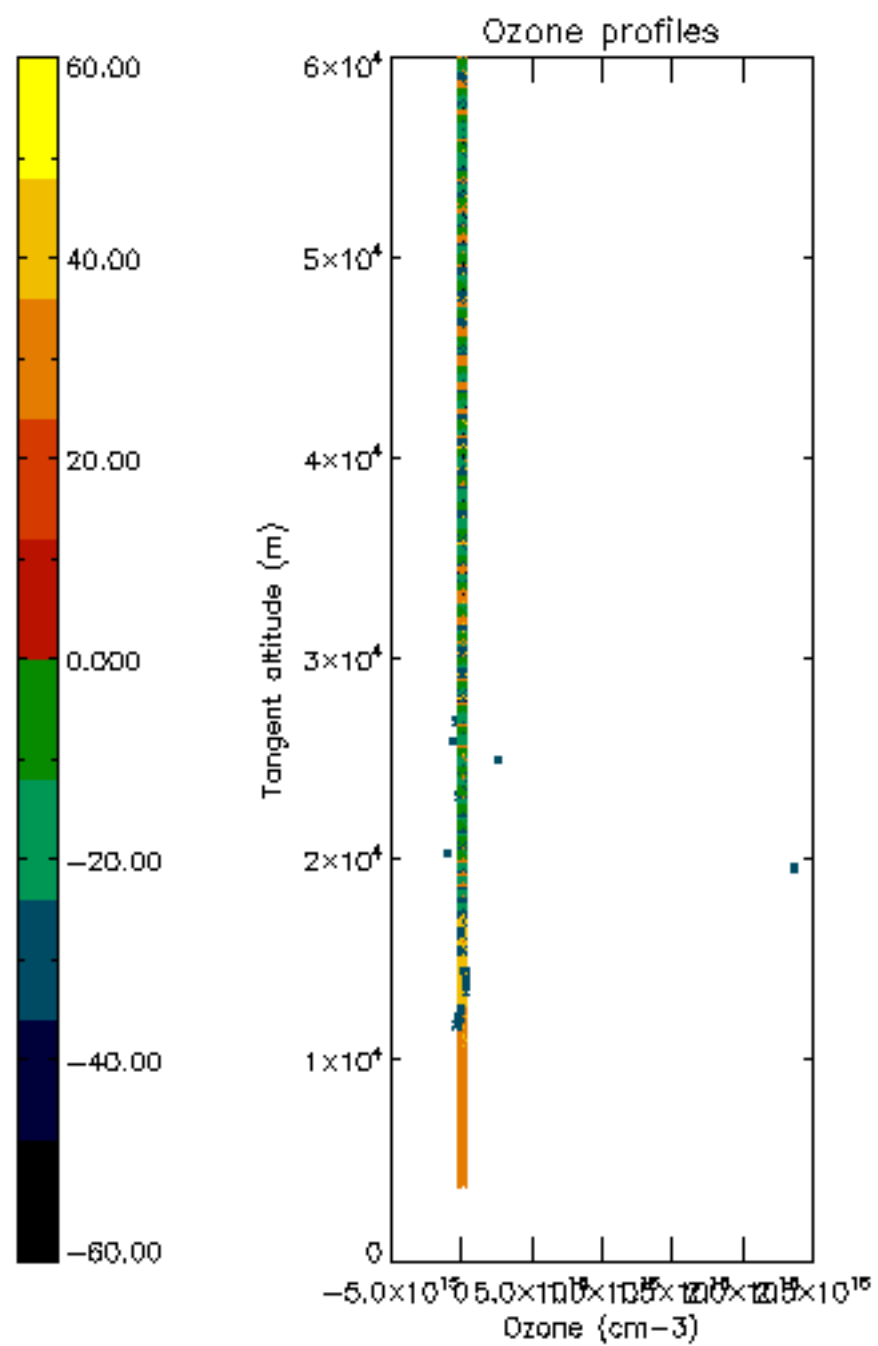


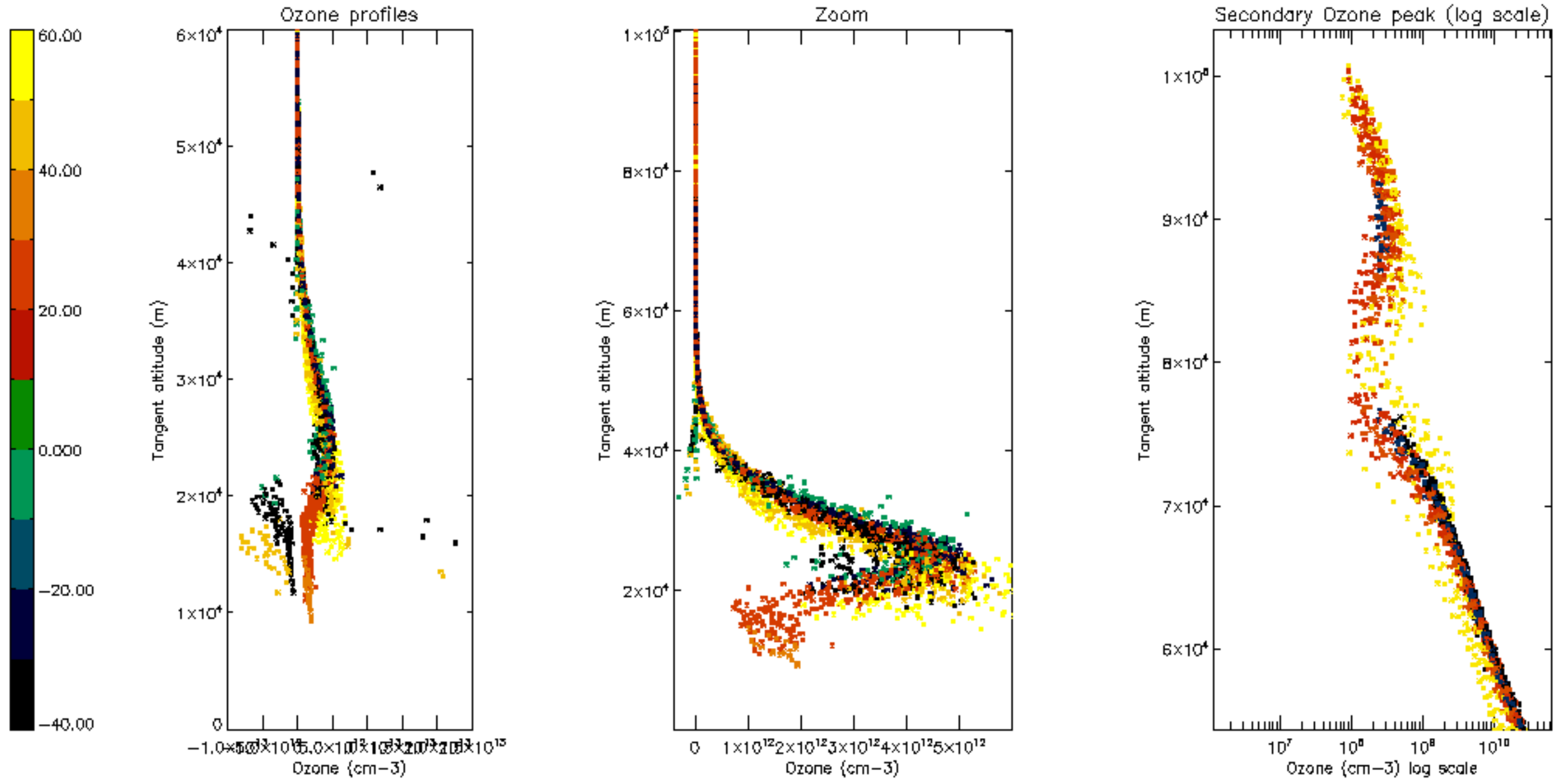
Percentage of star falling outside central band per profile

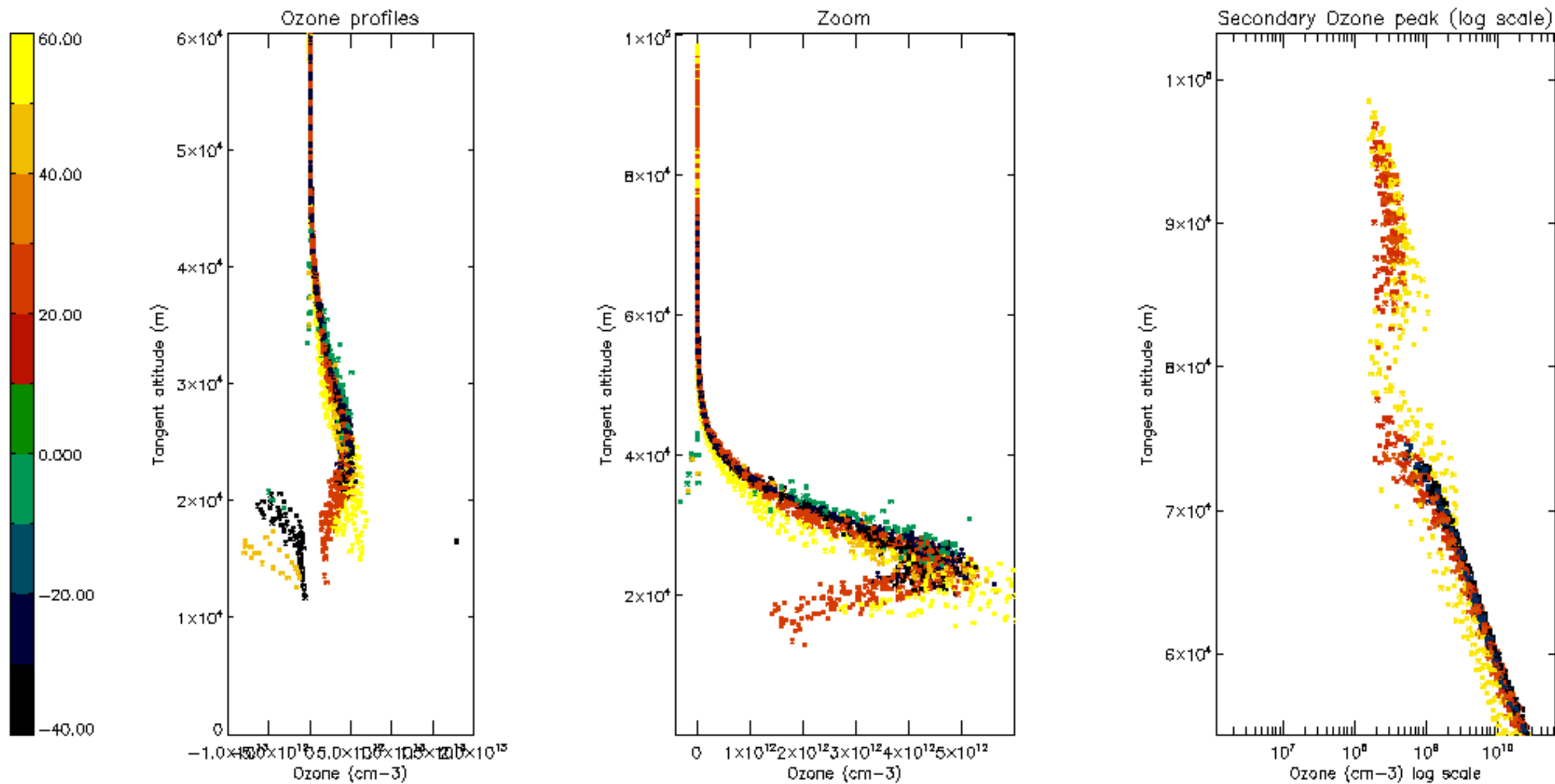


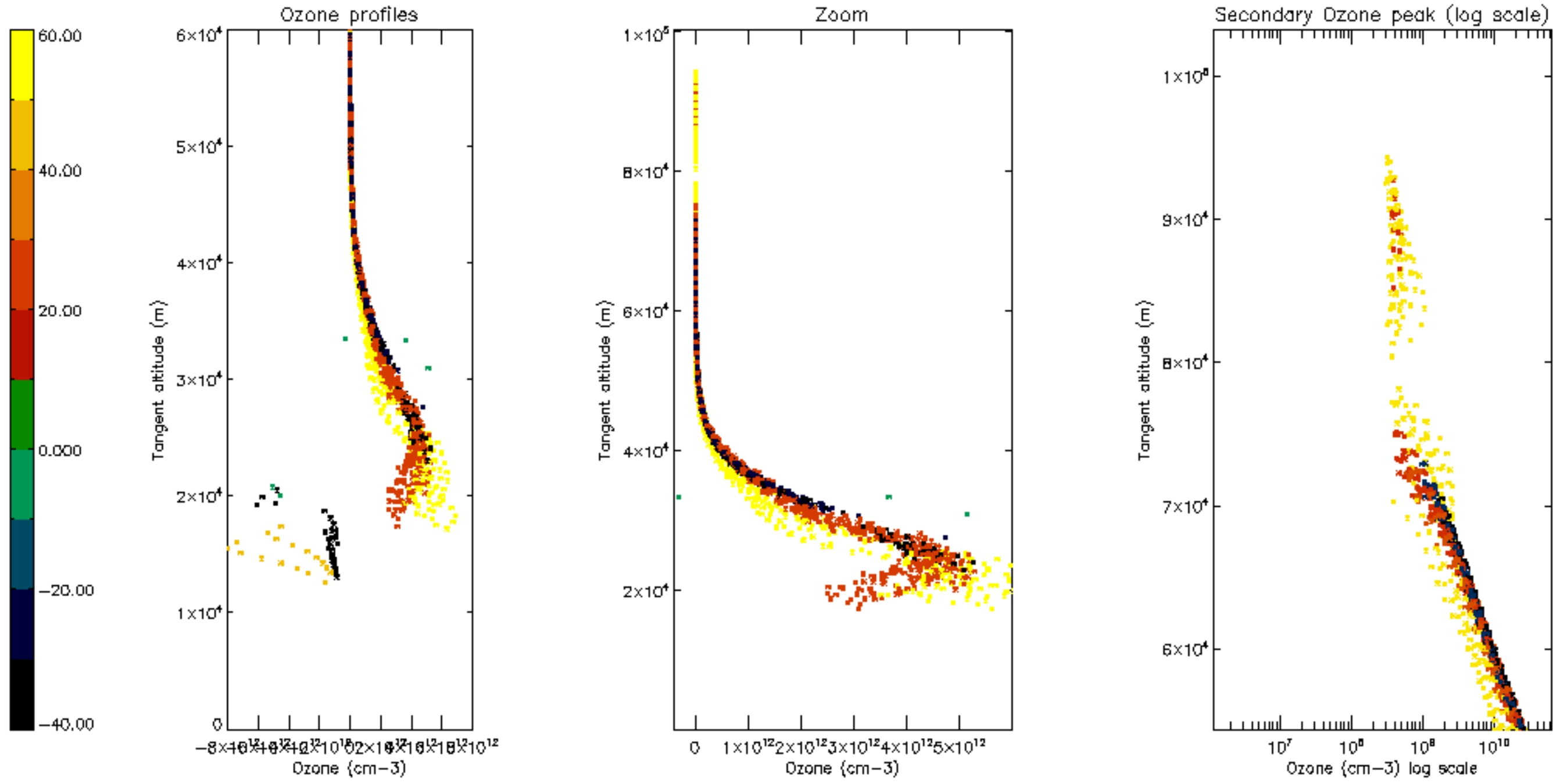
Percentage of saturation errors per profile

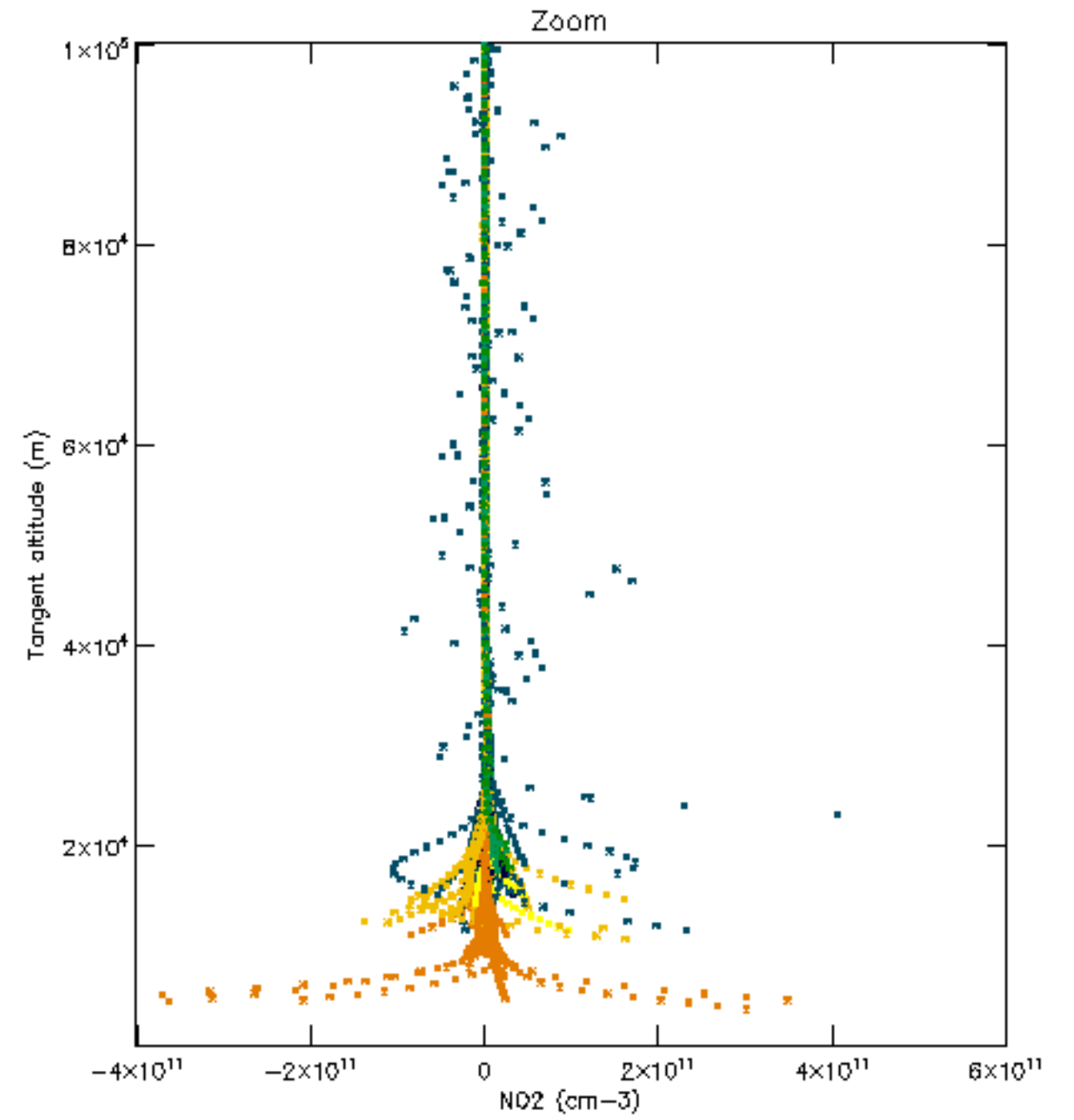
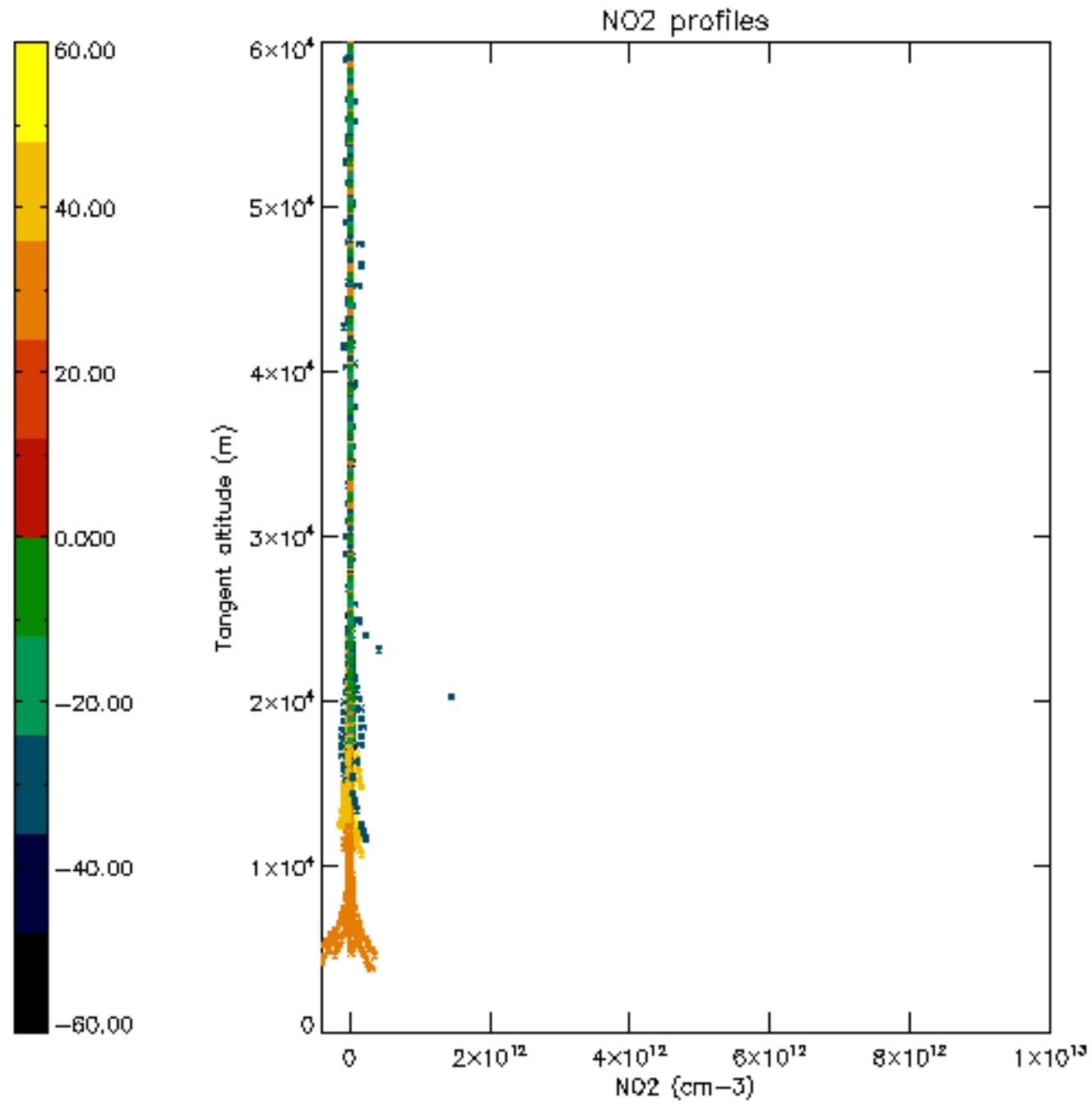


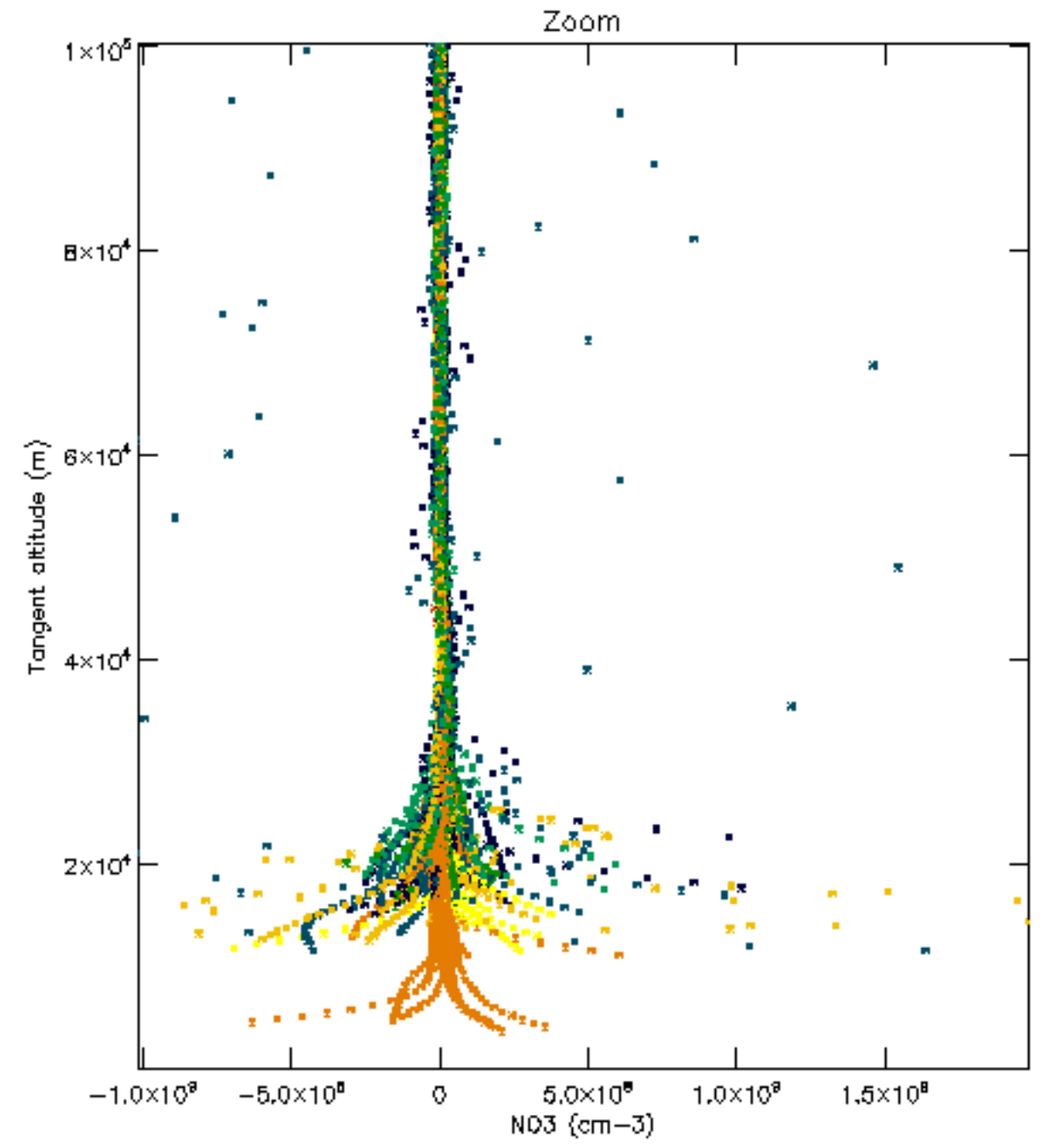
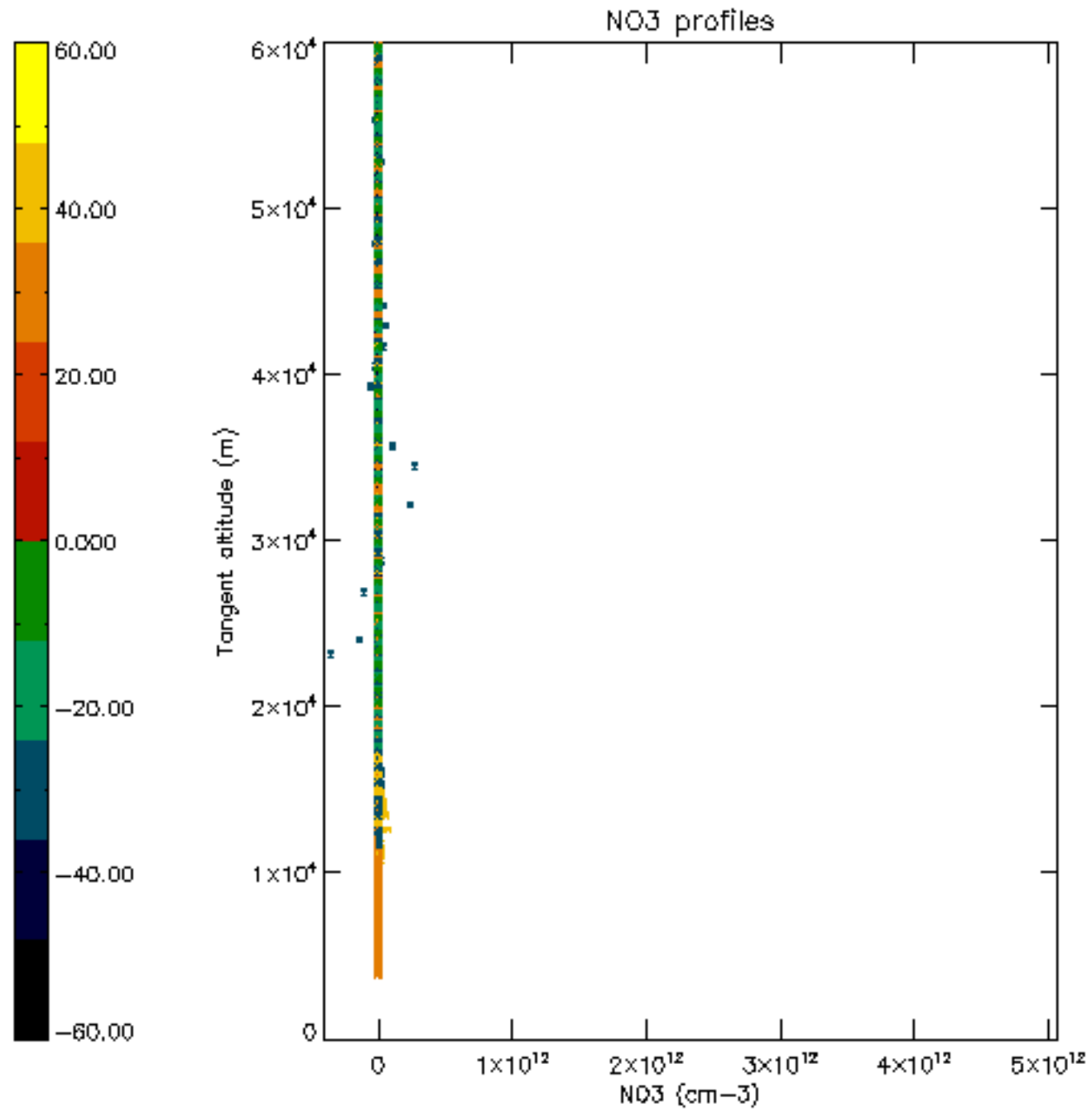


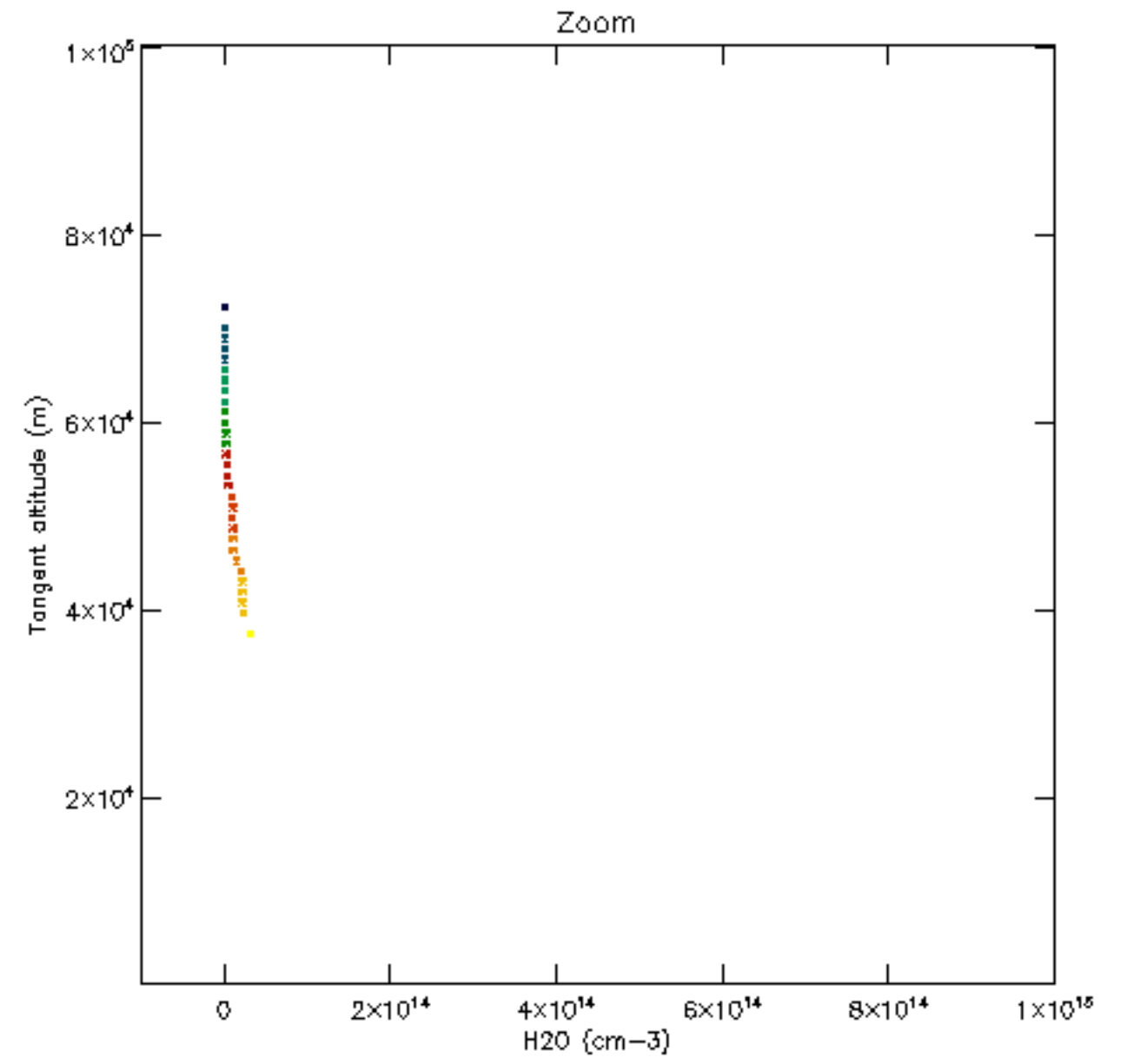
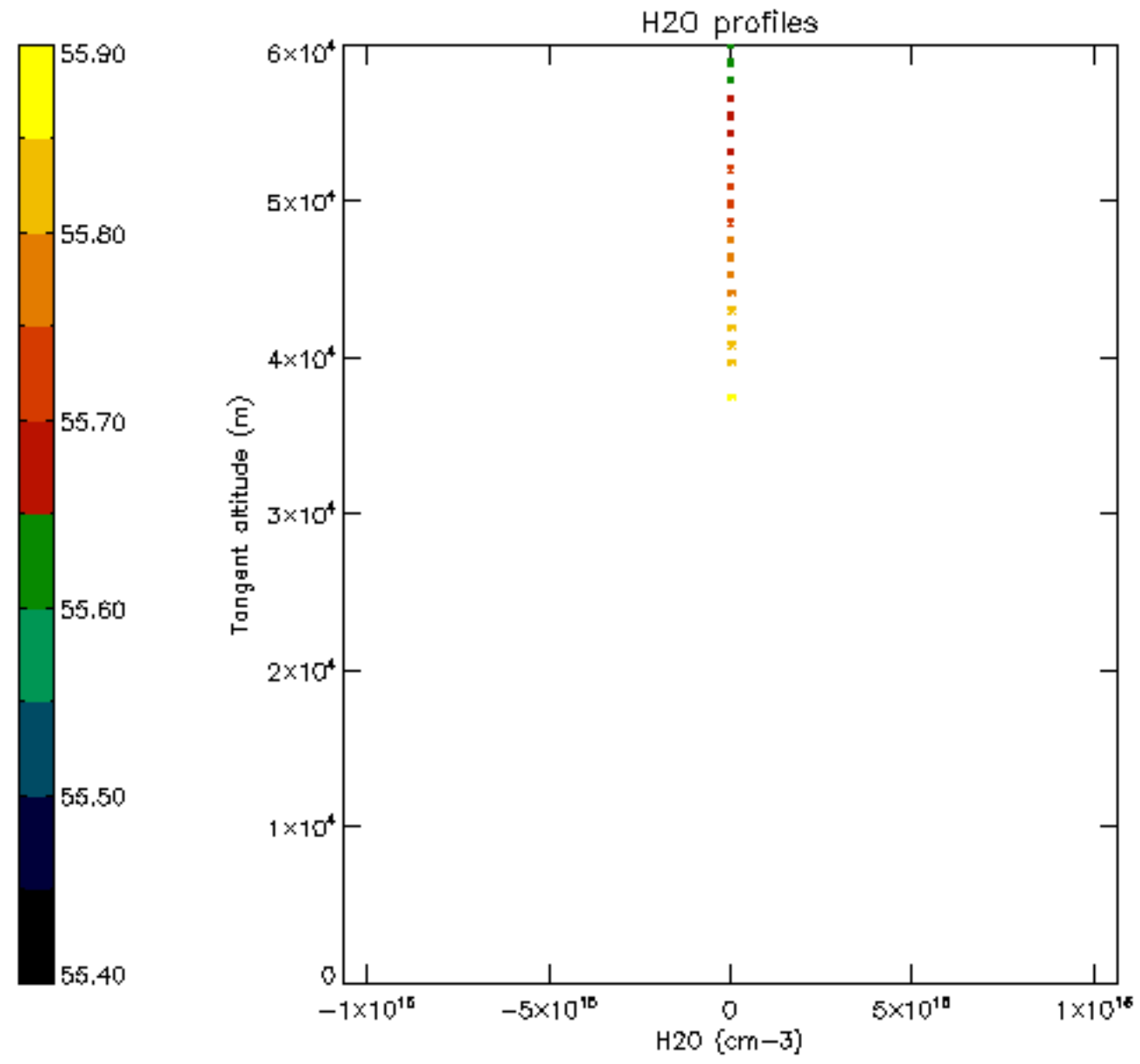


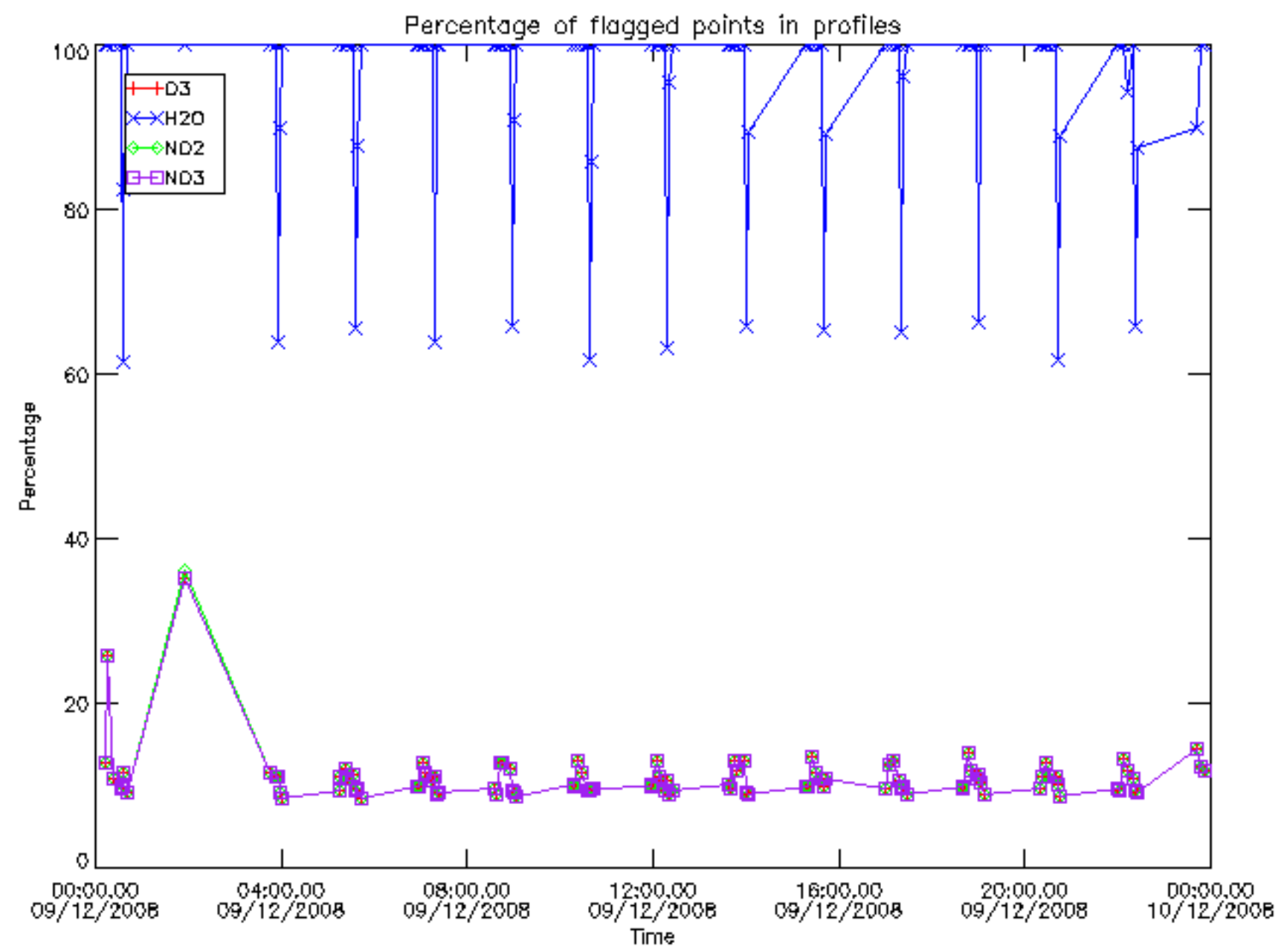




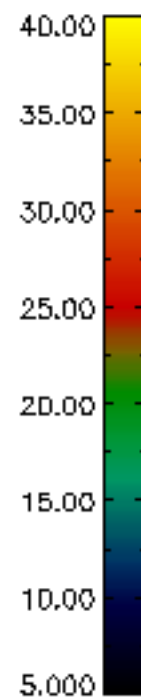
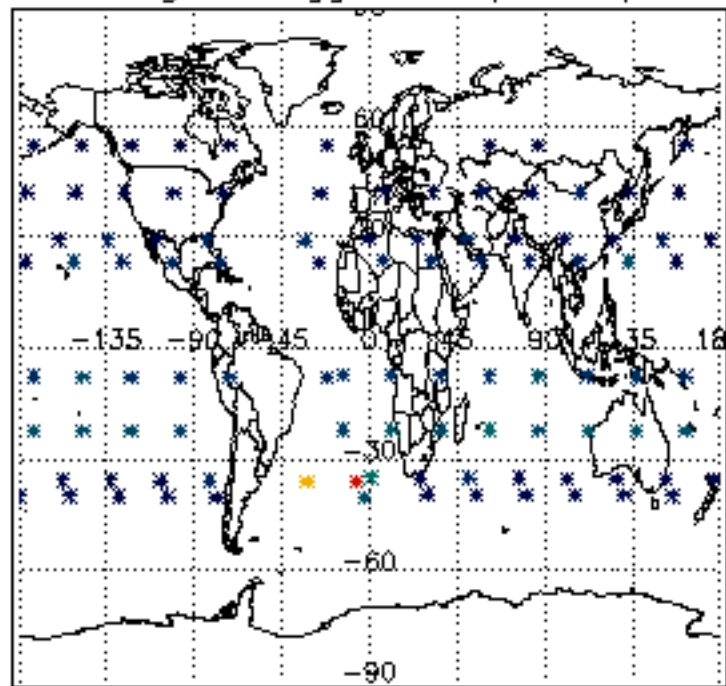




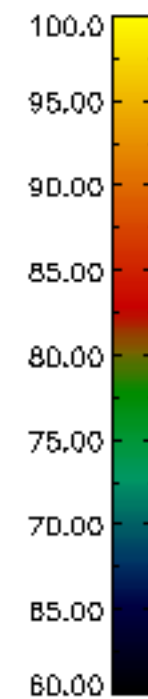
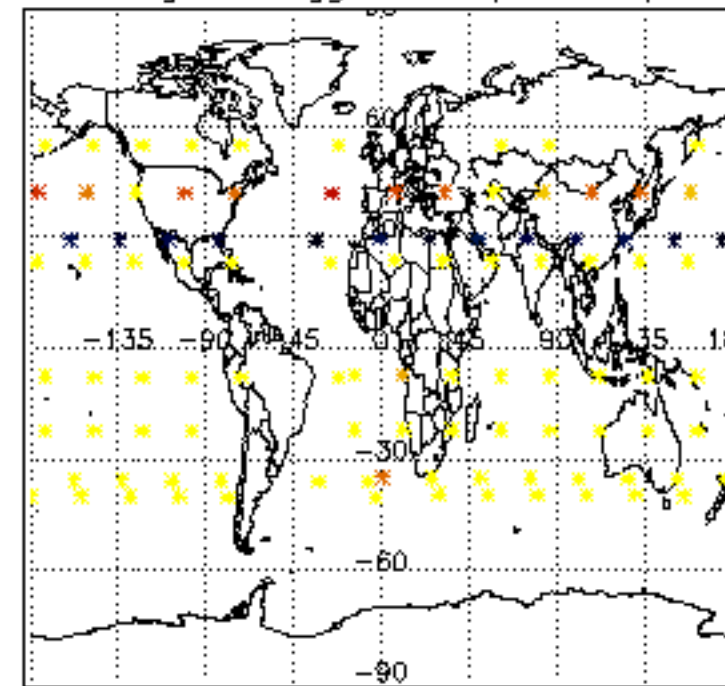




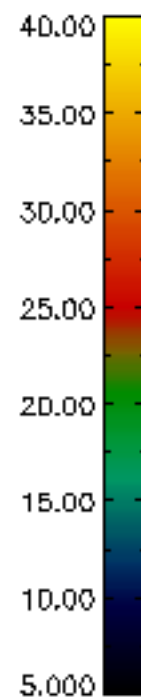
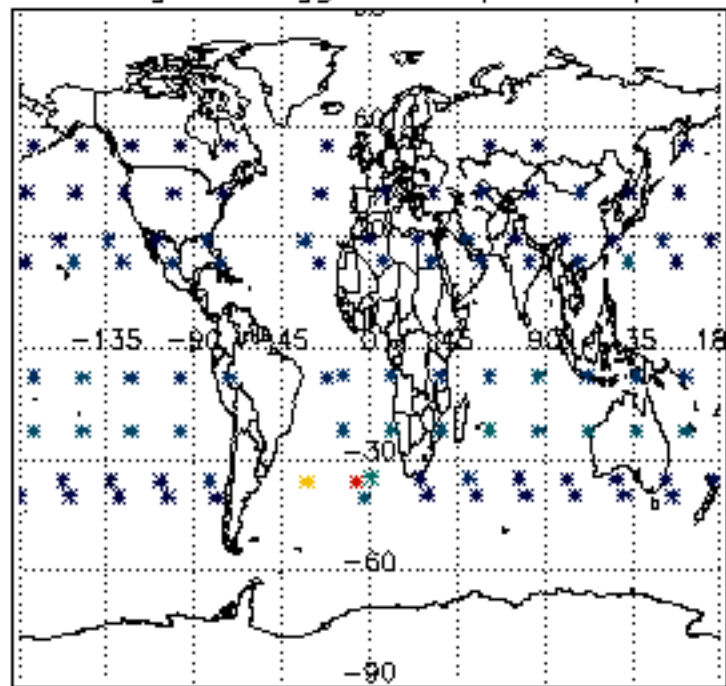
Percentage of flagged data per D3 profile



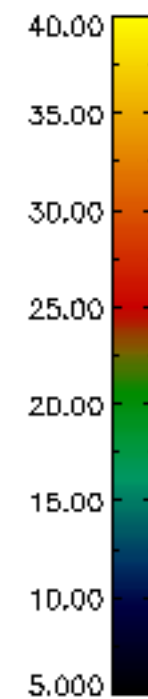
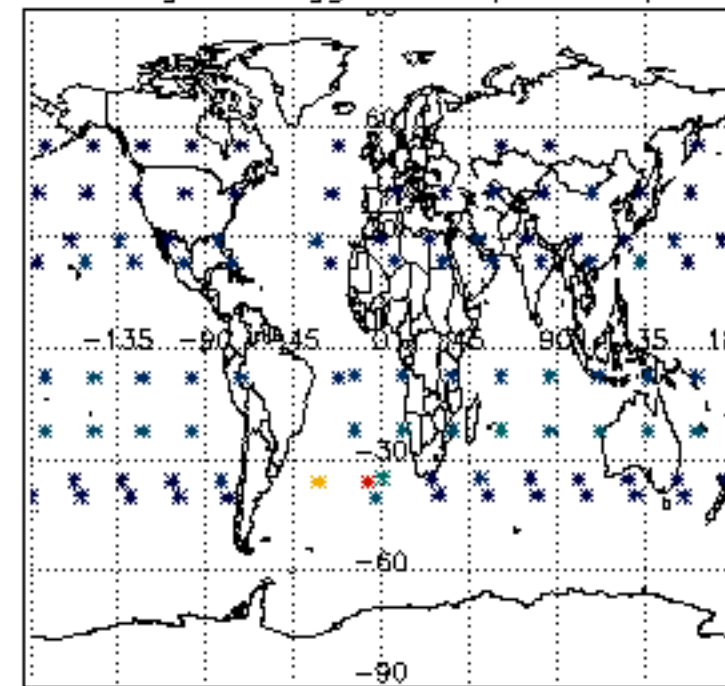
Percentage of flagged data per H2O profile

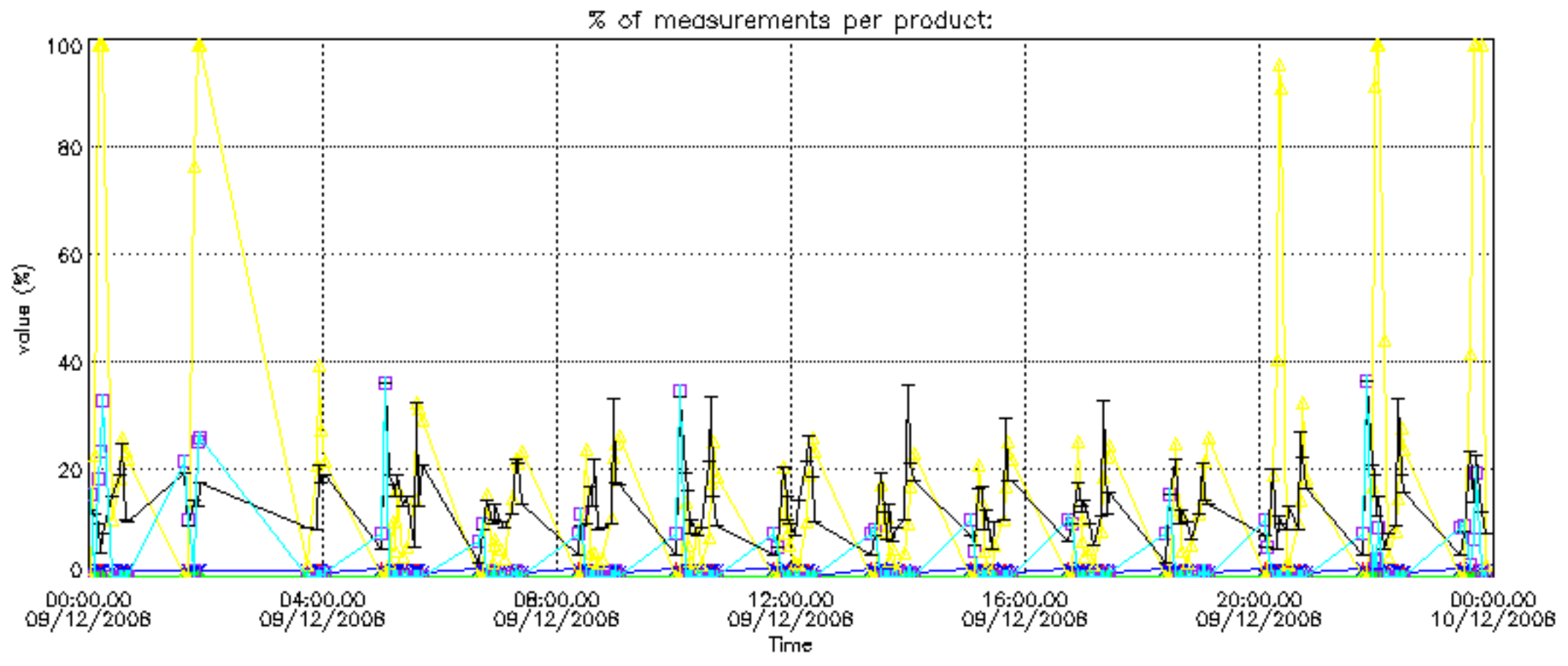


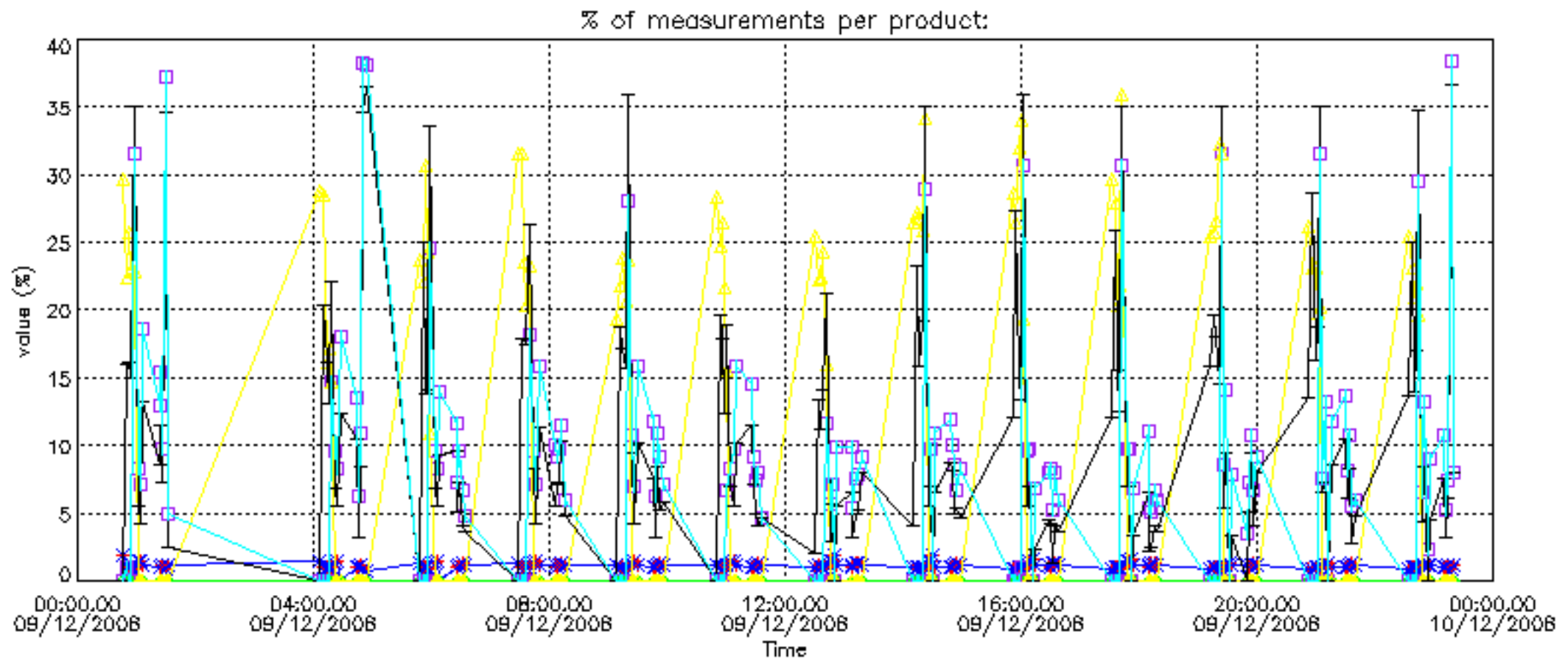
Percentage of flagged data per NO2 profile



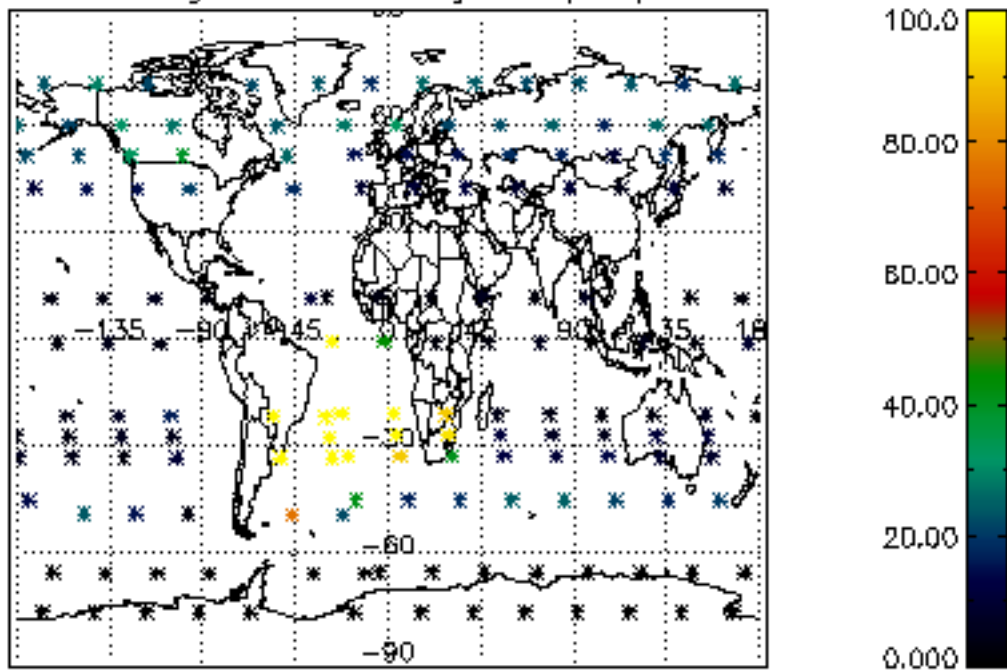
Percentage of flagged data per NO3 profile



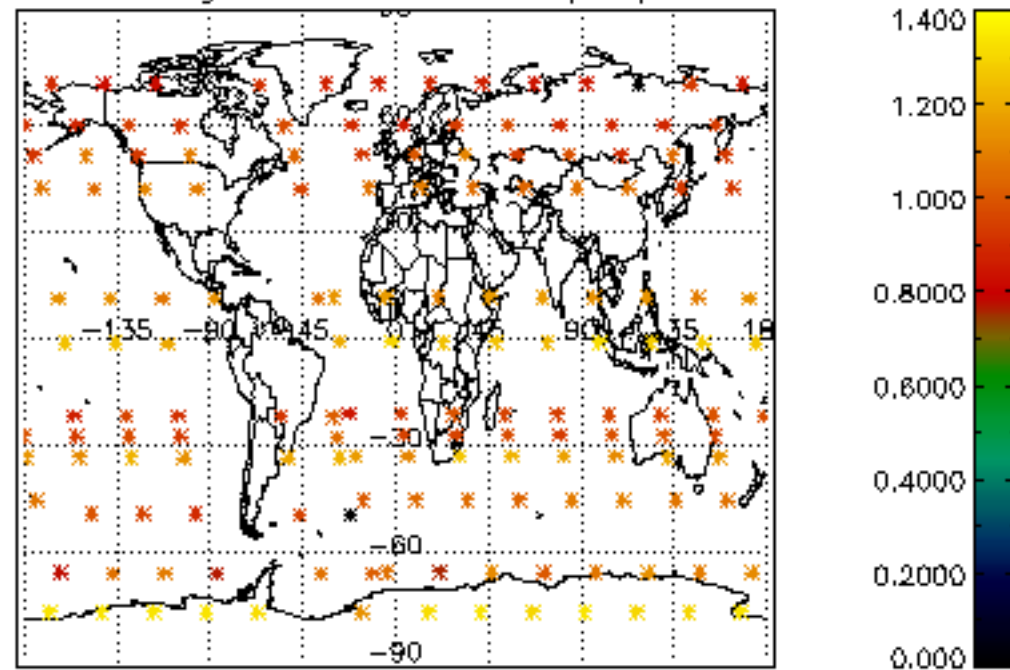




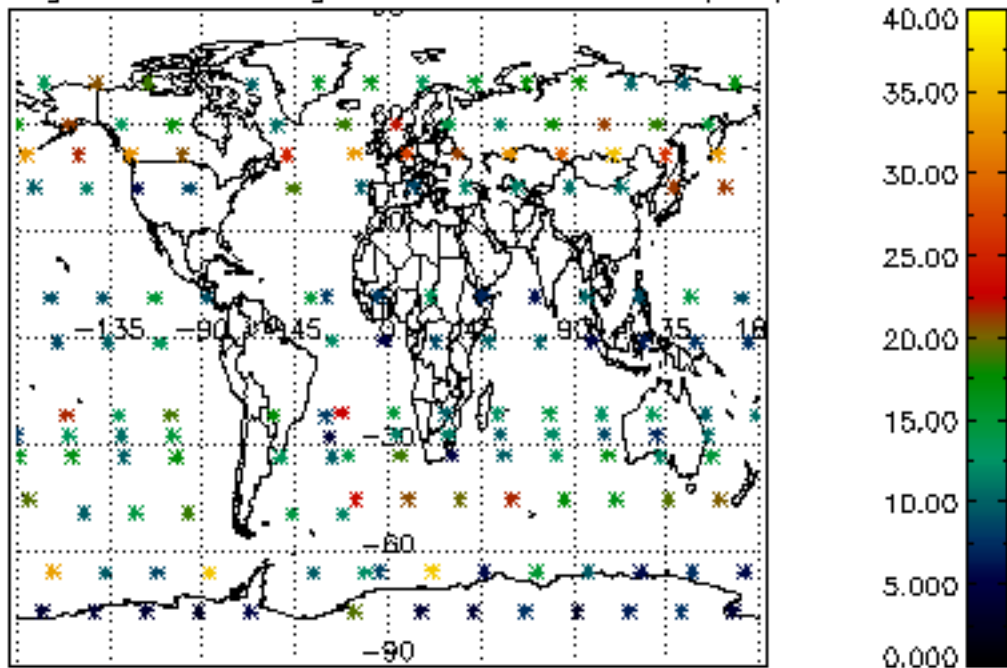
Percentage of cosmic ray hits per profile



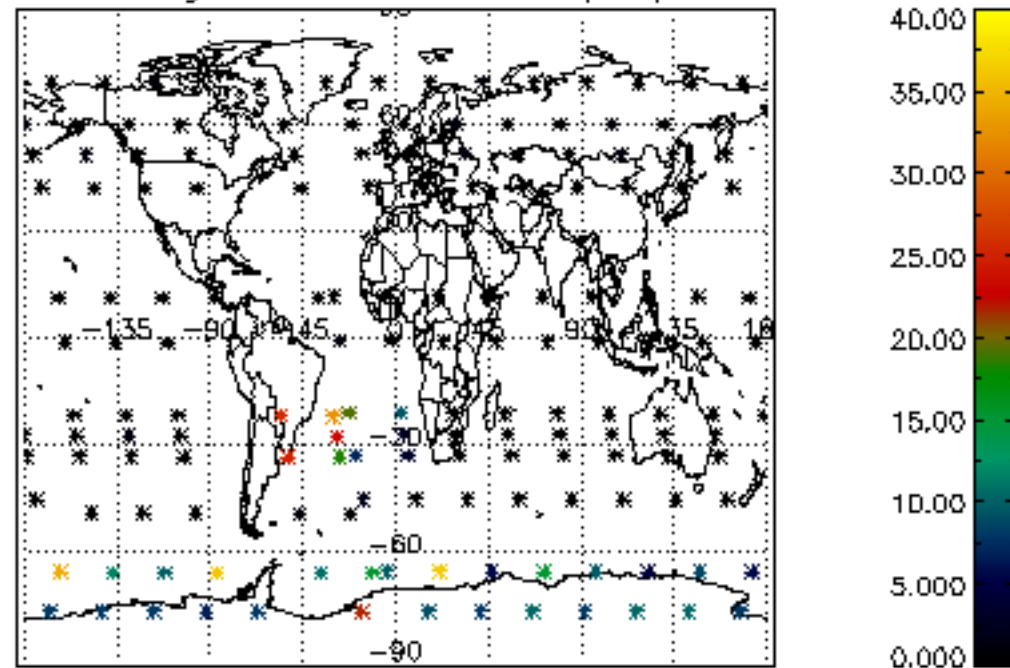
Percentage of datation errors per profile



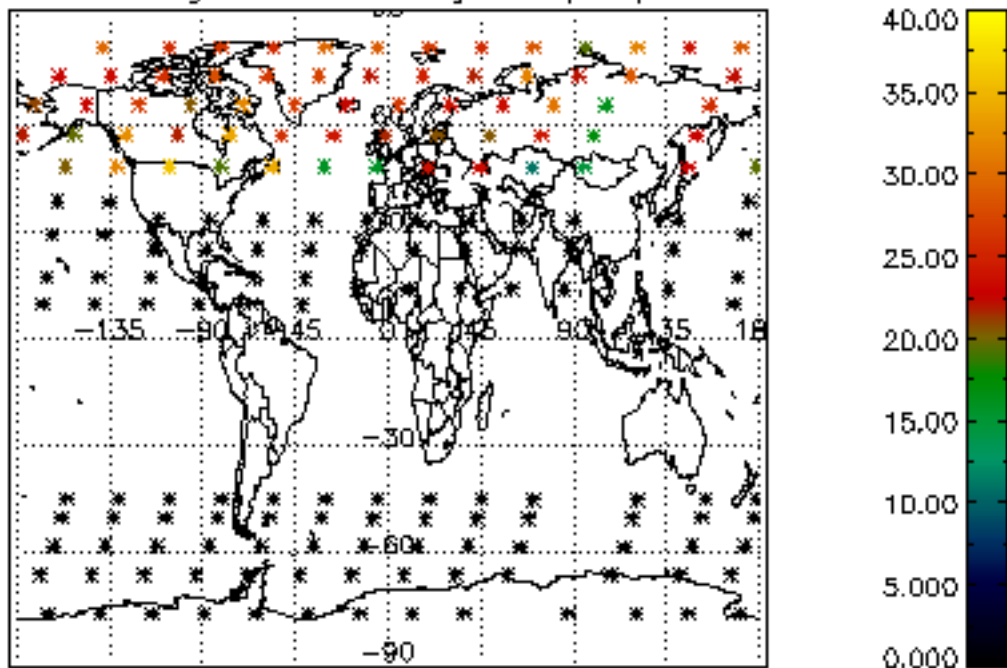
Percentage of star falling outside central band per profile



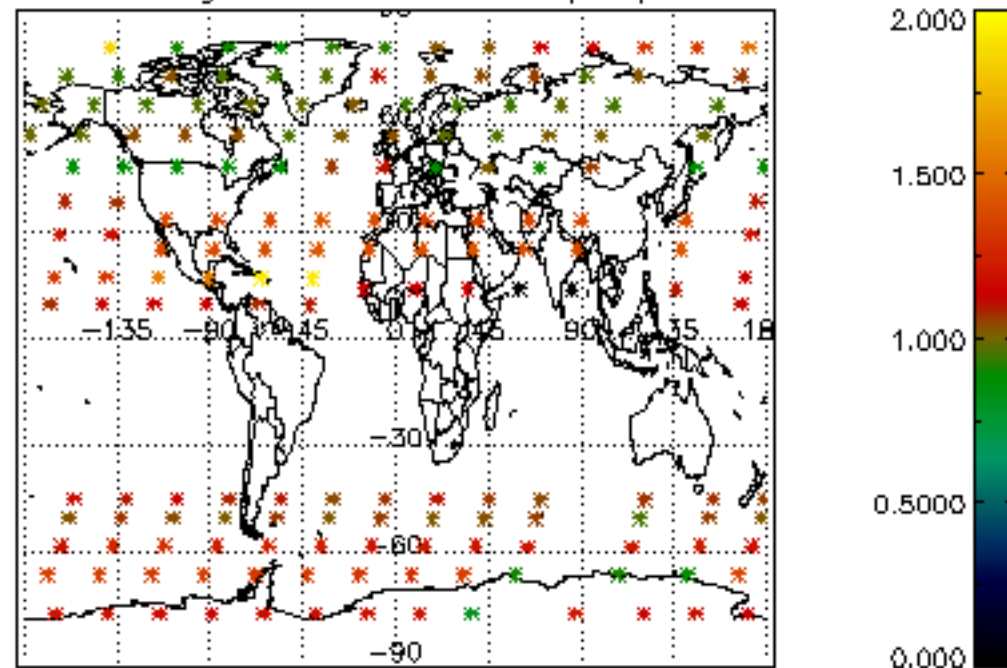
Percentage of saturation errors per profile



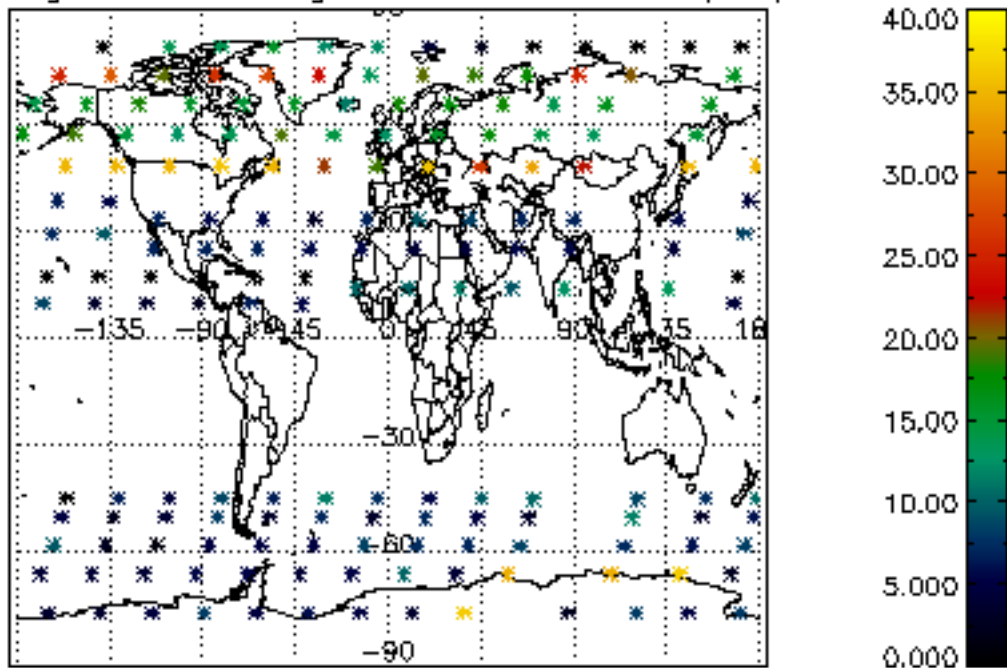
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

