

# GOMOS Level 2 Daily Report

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This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	18APR2013 13:06:36
Data source version	GOMOS/6.01
Start time of products	11-12-2005 (11DEC2005 00:00:00)
Stop time of products	12-12-2005 (12DEC2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	263
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__2PRFIN20051211_000058_000000382043_00173_19766_9320.N1	11-DEC-2005 00:00:58	Dark	37.500	77	Eps Cen	2.3030	28000.	75	19766	No
2	GOM_NL__2PRFIN20051211_000220_000000482043_00173_19766_9321.N1	11-DEC-2005 00:02:20	Dark	48.000	10	Bet Cen	0.61000	28000.	96	19766	No
3	GOM_NL__2PRFIN20051211_000444_000000412043_00174_19767_9174.N1	11-DEC-2005 00:04:44	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	19767	No
4	GOM_NL__2PRFIN20051211_001022_000000382043_00174_19767_9175.N1	11-DEC-2005 00:10:22	Dark	37.500	29	Bet Car	1.6720	10200.	75	19767	No
5	GOM_NL__2PRFIN20051211_001747_000000482043_00174_19767_9176.N1	11-DEC-2005 00:17:47	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	19767	No
6	GOM_NL__2PRFIN20051211_003109_000000442043_00174_19767_9177.N1	11-DEC-2005 00:31:09	Straylight	43.500	165	34Gam Eri	2.9500	3200.0	87	19767	No
7	GOM_NL__2PRFIN20051211_003635_000000422043_00174_19767_9178.N1	11-DEC-2005 00:36:35	Twilight	42.000	94	92Alp Cet	2.5260	3100.0	84	19767	No
8	GOM_NL__2PRFIN20051211_004150_000000372043_00174_19767_9179.N1	11-DEC-2005 00:41:50	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	19767	No
9	GOM_NL__2PRFIN20051211_004403_000000372043_00174_19767_9180.N1	11-DEC-2005 00:44:03	Bright	36.500	150	44Zet Per	2.8900	28000.	73	19767	No
10	GOM_NL__2PRFIN20051211_004623_000000352043_00174_19767_9181.N1	11-DEC-2005 00:46:23	Bright	34.500	149	45Eps Per	2.8880	30000.	69	19767	No
11	GOM_NL__2PRFIN20051211_004832_000000342043_00174_19767_9182.N1	11-DEC-2005 00:48:32	Bright	34.000	175	39Del Per	3.0100	19400.	68	19767	No
12	GOM_NL__2PRFIN20051211_005010_000000352043_00174_19767_9183.N1	11-DEC-2005 00:50:10	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	19767	No
13	GOM_NL__2PRFIN20051211_005306_000000362043_00174_19767_9184.N1	11-DEC-2005 00:53:06	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	19767	No
14	GOM_NL__2PRFIN20051211_010013_000000352043_00174_19767_9185.N1	11-DEC-2005 01:00:13	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	19767	No
15	GOM_NL__2PRFIN20051211_010457_000000382043_00174_19767_9186.N1	11-DEC-2005 01:04:57	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	19767	No
16	GOM_NL__2PRFIN20051211_010800_000000332043_00174_19767_9187.N1	11-DEC-2005 01:08:00	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	19767	No
17	GOM_NL__2PRFIN20051211_011523_000000362043_00174_19767_9188.N1	11-DEC-2005 01:15:23	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	19767	No
18	GOM_NL__2PRFIN20051211_011830_000000352043_00174_19767_9189.N1	11-DEC-2005 01:18:30	Bright	34.500	83		2.3780	11000.	69	19767	No
19	GOM_NL__2PRFIN20051211_012108_000000362043_00174_19767_9190.N1	11-DEC-2005 01:21:08	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	19767	No
20	GOM_NL__2PRFIN20051211_013640_000000392043_00174_19767_9191.N1	11-DEC-2005 01:36:40	Twilight	38.500	54	5The Cen	2.0550	4500.0	77	19767	No
21	GOM_NL__2PRFIN20051211_013800_000000392043_00174_19767_9192.N1	11-DEC-2005 01:38:00	Dark	39.000	123	lot Cen	2.7500	10200.	78	19767	No
22	GOM_NL__2PRFIN20051211_013943_000000372043_00174_19767_9193.N1	11-DEC-2005 01:39:43	Dark	37.000	95	Zet Cen	2.5450	26000.	74	19767	No
23	GOM_NL__2PRFIN20051211_014134_000000372043_00174_19767_9194.N1	11-DEC-2005 01:41:34	Dark	37.000	77	Eps Cen	2.3030	28000.	74	19767	No
24	GOM_NL__2PRFIN20051211_014256_000000372043_00174_19767_9195.N1	11-DEC-2005 01:42:56	Dark	36.500	10	Bet Cen	0.61000	28000.	73	19767	No
25	GOM_NL__2PRFIN20051211_014520_000000412043_00175_19768_9176.N1	11-DEC-2005 01:45:20	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	19768	No
26	GOM_NL__2PRFIN20051211_015058_000000402043_00175_19768_9177.N1	11-DEC-2005 01:50:58	Dark	40.000	29	Bet Car	1.6720	10200.	80	19768	No
27	GOM_NL__2PRFIN20051211_015823_000000482043_00175_19768_9178.N1	11-DEC-2005 01:58:23	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	19768	No
28	GOM_NL__2PRFIN20051211_021145_000000422043_00175_19768_9179.N1	11-DEC-2005 02:11:45	Straylight	41.500	165	34Gam Eri	2.9500	3200.0	83	19768	No
29	GOM_NL__2PRFIN20051211_021711_000000442043_00175_19768_9180.N1	11-DEC-2005 02:17:11	Twilight	44.000	94	92Alp Cet	2.5260	3100.0	88	19768	No
30	GOM_NL__2PRFIN20051211_022226_000000362043_00175_19768_9181.N1	11-DEC-2005 02:22:26	Bright	35.500	146	25Eta Tau	2.8730	15200.	71	19768	No
31	GOM_NL__2PRFIN20051211_022439_000000372043_00175_19768_9182.N1	11-DEC-2005 02:24:39	Bright	37.000	150	44Zet Per	2.8900	28000.	74	19768	No
32	GOM_NL__2PRFIN20051211_022659_000000362043_00175_19768_9183.N1	11-DEC-2005 02:26:59	Bright	36.000	149	45Eps Per	2.8880	30000.	72	19768	No
33	GOM_NL__2PRFIN20051211_022908_000000352043_00175_19768_9184.N1	11-DEC-2005 02:29:08	Bright	35.000	175	39Del Per	3.0100	19400.	70	19768	No
34	GOM_NL__2PRFIN20051211_023046_000000352043_00175_19768_9185.N1	11-DEC-2005 02:30:46	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	19768	No
35	GOM_NL__2PRFIN20051211_023342_000000352043_00175_19768_9186.N1	11-DEC-2005 02:33:42	Bright	35.000	110	37Del Cas	2.6780	8900.0	70	19768	No
36	GOM_NL__2PRFIN20051211_024049_000000322043_00175_19768_9187.N1	11-DEC-2005 02:40:49	Bright	31.500	49	1Alp UMi	1.9900	6300.0	63	19768	No
37	GOM_NL__2PRFIN20051211_024533_000000382043_00175_19768_9188.N1	11-DEC-2005 02:45:33	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	19768	No
38	GOM_NL__2PRFIN20051211_024836_000000352043_00175_19768_9189.N1	11-DEC-2005 02:48:36	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	19768	No
39	GOM_NL__2PRFIN20051211_025559_000000352043_00175_19768_9190.N1	11-DEC-2005 02:55:59	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	19768	No
40	GOM_NL__2PRFIN20051211_025906_000000352043_00175_19768_9191.N1	11-DEC-2005 02:59:06	Bright	34.500	83		2.3780	11000.	69	19768	No
41	GOM_NL__2PRFIN20051211_030144_000000362043_00175_19768_9192.N1	11-DEC-2005 03:01:44	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	19768	No
42	GOM_NL__2PRFIN20051211_031716_000000392043_00175_19768_9193.N1	11-DEC-2005 03:17:16	Twilight	38.500	54	5The Cen	2.0550	4500.0	77	19768	No

43	GOM_NL__2PRFIN20051211_032019_000000372043_00175_19768_9194.N1	11-DEC-2005 03:20:19	Dark	37.000	95	Zet Cen	2.5450	26000.	74	19768	No
44	GOM_NL__2PRFIN20051211_032211_000000392043_00175_19768_9195.N1	11-DEC-2005 03:22:11	Dark	38.500	77	Eps Cen	2.3030	28000.	77	19768	No
45	GOM_NL__2PRFIN20051211_032332_000000482043_00175_19768_9196.N1	11-DEC-2005 03:23:32	Dark	48.000	10	Bet Cen	0.61000	28000.	96	19768	No
46	GOM_NL__2PRFIN20051211_032557_000000382043_00176_19769_9178.N1	11-DEC-2005 03:25:57	Dark	37.500	12	Alp1Cru	0.77500	30000.	75	19769	No
47	GOM_NL__2PRFIN20051211_033135_000000392043_00176_19769_9179.N1	11-DEC-2005 03:31:35	Dark	38.500	29	Bet Car	1.6720	10200.	77	19769	No
48	GOM_NL__2PRFIN20051211_033900_000000462043_00176_19769_9180.N1	11-DEC-2005 03:39:00	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	19769	No
49	GOM_NL__2PRFIN20051211_035221_000000422043_00176_19769_9181.N1	11-DEC-2005 03:52:21	Straylight	42.000	165	34Gam Eri	2.9500	3200.0	84	19769	No
50	GOM_NL__2PRFIN20051211_035747_000000472043_00176_19769_9182.N1	11-DEC-2005 03:57:47	Tw_i_and_stray	46.500	94	92Alp Cet	2.5260	3100.0	93	19769	No
51	GOM_NL__2PRFIN20051211_040302_000000372043_00176_19769_9183.N1	11-DEC-2005 04:03:02	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	19769	No
52	GOM_NL__2PRFIN20051211_040515_000000362043_00176_19769_9184.N1	11-DEC-2005 04:05:15	Bright	36.000	150	44Zet Per	2.8900	28000.	72	19769	No
53	GOM_NL__2PRFIN20051211_040735_000000352043_00176_19769_9185.N1	11-DEC-2005 04:07:35	Bright	35.000	149	45Eps Per	2.8880	30000.	70	19769	No
54	GOM_NL__2PRFIN20051211_040944_000000352043_00176_19769_9186.N1	11-DEC-2005 04:09:44	Bright	34.500	175	39Del Per	3.0100	19400.	69	19769	No
55	GOM_NL__2PRFIN20051211_041122_000000342043_00176_19769_9187.N1	11-DEC-2005 04:11:22	Bright	33.500	160	23Gam Per	2.9300	4700.0	67	19769	No
56	GOM_NL__2PRFIN20051211_041419_000000352043_00176_19769_9188.N1	11-DEC-2005 04:14:19	Bright	35.000	110	37Del Cas	2.6780	8900.0	70	19769	No
57	GOM_NL__2PRFIN20051211_042125_000000372043_00176_19769_9189.N1	11-DEC-2005 04:21:25	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	19769	No
58	GOM_NL__2PRFIN20051211_042609_000000382043_00176_19769_9190.N1	11-DEC-2005 04:26:09	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	19769	No
59	GOM_NL__2PRFIN20051211_042912_000000372043_00176_19769_9191.N1	11-DEC-2005 04:29:12	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	19769	No
60	GOM_NL__2PRFIN20051211_043635_000000482043_00176_19769_9192.N1	11-DEC-2005 04:36:35	Bright	48.000	180	27Gam Boo	3.0400	8000.0	96	19769	No
61	GOM_NL__2PRFIN20051211_043942_000000352043_00176_19769_9193.N1	11-DEC-2005 04:39:42	Bright	35.000	83		2.3780	11000.	70	19769	No
62	GOM_NL__2PRFIN20051211_044220_000000372043_00176_19769_9194.N1	11-DEC-2005 04:42:20	Bright	37.000	3	16Alp Boo	-0.050000	4250.0	74	19769	No
63	GOM_NL__2PRFIN20051211_045753_000000382043_00176_19769_9195.N1	11-DEC-2005 04:57:53	Twilight	38.000	54	5The Cen	2.0550	4500.0	76	19769	No
64	GOM_NL__2PRFIN20051211_045913_000000392043_00176_19769_9196.N1	11-DEC-2005 04:59:13	Dark	39.000	123	lot Cen	2.7500	10200.	78	19769	No
65	GOM_NL__2PRFIN20051211_050055_000000392043_00176_19769_9197.N1	11-DEC-2005 05:00:55	Dark	38.500	95	Zet Cen	2.5450	26000.	77	19769	No
66	GOM_NL__2PRFIN20051211_050247_000000382043_00176_19769_9198.N1	11-DEC-2005 05:02:47	Dark	38.000	77	Eps Cen	2.3030	28000.	76	19769	No
67	GOM_NL__2PRFIN20051211_050408_000000472043_00176_19769_9199.N1	11-DEC-2005 05:04:08	Dark	47.000	10	Bet Cen	0.61000	28000.	94	19769	No
68	GOM_NL__2PRFIN20051211_050633_000000422043_00177_19770_9180.N1	11-DEC-2005 05:06:33	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	19770	No
69	GOM_NL__2PRFIN20051211_051211_000000382043_00177_19770_9181.N1	11-DEC-2005 05:12:11	Dark	37.500	29	Bet Car	1.6720	10200.	75	19770	No
70	GOM_NL__2PRFIN20051211_051936_000000452043_00177_19770_9182.N1	11-DEC-2005 05:19:36	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	19770	No
71	GOM_NL__2PRFIN20051211_053257_000000432043_00177_19770_9183.N1	11-DEC-2005 05:32:57	Straylight	42.500	165	34Gam Eri	2.9500	3200.0	85	19770	No
72	GOM_NL__2PRFIN20051211_053823_000000462043_00177_19770_9184.N1	11-DEC-2005 05:38:23	Tw_i_and_stray	45.500	94	92Alp Cet	2.5260	3100.0	91	19770	No
73	GOM_NL__2PRFIN20051211_054811_000000352043_00177_19770_9185.N1	11-DEC-2005 05:48:11	Bright	35.000	149	45Eps Per	2.8880	30000.	70	19770	No
74	GOM_NL__2PRFIN20051211_055020_000000332043_00177_19770_9186.N1	11-DEC-2005 05:50:20	Bright	33.000	175	39Del Per	3.0100	19400.	66	19770	No
75	GOM_NL__2PRFIN20051211_055158_000000362043_00177_19770_9187.N1	11-DEC-2005 05:51:58	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	19770	No
76	GOM_NL__2PRFIN20051211_055455_000000362043_00177_19770_9188.N1	11-DEC-2005 05:54:55	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	19770	No
77	GOM_NL__2PRFIN20051211_060201_000000372043_00177_19770_9189.N1	11-DEC-2005 06:02:01	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	19770	No
78	GOM_NL__2PRFIN20051211_060645_000000382043_00177_19770_9190.N1	11-DEC-2005 06:06:45	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	19770	No
79	GOM_NL__2PRFIN20051211_060949_000000362043_00177_19770_9191.N1	11-DEC-2005 06:09:49	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	19770	No
80	GOM_NL__2PRFIN20051211_061711_000000522043_00177_19770_9192.N1	11-DEC-2005 06:17:11	Bright	51.500	180	27Gam Boo	3.0400	8000.0	103	19770	No
81	GOM_NL__2PRFIN20051211_062018_000000352043_00177_19770_9193.N1	11-DEC-2005 06:20:18	Bright	35.000	83		2.3780	11000.	70	19770	No
82	GOM_NL__2PRFIN20051211_062256_000000372043_00177_19770_9194.N1	11-DEC-2005 06:22:56	Bright	36.500	3	16Alp Boo	-0.050000	4250.0	73	19770	No
83	GOM_NL__2PRFIN20051211_063829_000000422043_00177_19770_9195.N1	11-DEC-2005 06:38:29	Twilight	41.500	54	5The Cen	2.0550	4500.0	83	19770	No
84	GOM_NL__2PRFIN20051211_063949_000000402043_00177_19770_9196.N1	11-DEC-2005 06:39:49	Dark	40.000	123	lot Cen	2.7500	10200.	80	19770	No
85	GOM_NL__2PRFIN20051211_064132_000000392043_00177_19770_9197.N1	11-DEC-2005 06:41:32	Dark	39.000	95	Zet Cen	2.5450	26000.	78	19770	No
86	GOM_NL__2PRFIN20051211_064323_000000382043_00177_19770_9198.N1	11-DEC-2005 06:43:23	Dark	38.000	77	Eps Cen	2.3030	28000.	76	19770	No
87	GOM_NL__2PRFIN20051211_064444_000000402043_00177_19770_9199.N1	11-DEC-2005 06:44:44	Dark	39.500	10	Bet Cen	0.61000	28000.	79	19770	No
88	GOM_NL__2PRFIN20051211_064559_000000412043_00178_19771_9182.N1	11-DEC-2005 06:45:59	Dark	41.000	20	Bet Cru	1.2530	30000.	82	19771	No
89	GOM_NL__2PRFIN20051211_064710_000000432043_00178_19771_9183.N1	11-DEC-2005 06:47:10	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	19771	No
90	GOM_NL__2PRFIN20051211_065248_000000392043_00178_19771_9184.N1	11-DEC-2005 06:52:48	Dark	38.500	29	Bet Car	1.6720	10200.	77	19771	No
91	GOM_NL__2PRFIN20051211_070013_000000542043_00178_19771_9185.N1	11-DEC-2005 07:00:13	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	19771	No
92	GOM_NL__2PRFIN20051211_071333_000000462043_00178_19771_9186.N1	11-DEC-2005 07:13:33	Straylight	45.500	165	34Gam Eri	2.9500	3200.0	91	19771	No
93	GOM_NL__2PRFIN20051211_071859_000000442043_00178_19771_9187.N1	11-DEC-2005 07:18:59	Tw_i_and_stray	44.000	94	92Alp Cet	2.5260	3100.0	88	19771	No
94	GOM_NL__2PRFIN20051211_072847_000000372043_00178_19771_9188.N1	11-DEC-2005 07:28:47	Bright	36.500	149	45Eps Per	2.8880	30000.	73	19771	No
95	GOM_NL__2PRFIN20051211_073056_000000352043_00178_19771_9189.N1	11-DEC-2005 07:30:56	Bright	35.000	175	39Del Per	3.0100	19400.	70	19771	No
96	GOM_NL__2PRFIN20051211_073234_000000362043_00178_19771_9190.N1	11-DEC-2005 07:32:34	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	19771	No
97	GOM_NL__2PRFIN20051211_073531_000000352043_00178_19771_9191.N1	11-DEC-2005 07:35:31	Bright	35.000	110	37Del Cas	2.6780	8900.0	70	19771	No
98	GOM_NL__2PRFIN20051211_074237_000000342043_00178_19771_9192.N1	11-DEC-2005 07:42:37	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	19771	No
99	GOM_NL__2PRFIN20051211_074721_000000372043_00178_19771_9193.N1	11-DEC-2005 07:47:21	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	19771	No
100	GOM_NL__2PRFIN20051211_075025_000000352043_00178_19771_9194.N1	11-DEC-2005 07:50:25	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	19771	No
101	GOM_NL__2PRFIN20051211_075747_000000342043_00178_19771_9195.N1	11-DEC-2005 07:57:47	Bright	34.000	180	27Gam Boo	3.0400	8000.0	68	19771	No

102	GOM_NL__2PRFIN20051211_080055_000000342043_00178_19771_9196.N1	11-DEC-2005 08:00:55	Bright	34.000	83		2.3780	11000.	68	19771	No
103	GOM_NL__2PRFIN20051211_080333_000000362043_00178_19771_9197.N1	11-DEC-2005 08:03:33	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	19771	No
104	GOM_NL__2PRFIN20051211_081905_000000452043_00178_19771_9198.N1	11-DEC-2005 08:19:05	Twilight	45.000	54	5The Cen	2.0550	4500.0	90	19771	No
105	GOM_NL__2PRFIN20051211_082026_000000442043_00178_19771_9199.N1	11-DEC-2005 08:20:26	Dark	43.500	123	1ot Cen	2.7500	10200.	87	19771	No
106	GOM_NL__2PRFIN20051211_082208_000000372043_00178_19771_9200.N1	11-DEC-2005 08:22:08	Dark	37.000	95	Zet Cen	2.5450	26000.	74	19771	No
107	GOM_NL__2PRFIN20051211_082359_000000392043_00178_19771_9201.N1	11-DEC-2005 08:23:59	Dark	38.500	77	Eps Cen	2.3030	28000.	77	19771	No
108	GOM_NL__2PRFIN20051211_082520_000000382043_00178_19771_9202.N1	11-DEC-2005 08:25:20	Dark	37.500	10	Bet Cen	0.61000	28000.	75	19771	No
109	GOM_NL__2PRFIN20051211_082635_000000392043_00179_19772_9184.N1	11-DEC-2005 08:26:35	Dark	39.000	20	Bet Cru	1.2530	30000.	78	19772	No
110	GOM_NL__2PRFIN20051211_082844_000000372043_00179_19772_9185.N1	11-DEC-2005 08:28:44	Dark	36.500	112	Alp Mus	2.6880	26000.	73	19772	No
111	GOM_NL__2PRFIN20051211_083324_000000382043_00179_19772_9186.N1	11-DEC-2005 08:33:24	Dark	37.500	29	Bet Car	1.6720	10200.	75	19772	No
112	GOM_NL__2PRFIN20051211_084049_000000522043_00179_19772_9187.N1	11-DEC-2005 08:40:49	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	19772	No
113	GOM_NL__2PRFIN20051211_085409_000000422043_00179_19772_9188.N1	11-DEC-2005 08:54:09	Straylight	42.000	165	34Gam Eri	2.9500	3200.0	84	19772	No
114	GOM_NL__2PRFIN20051211_085936_000000462043_00179_19772_9189.N1	11-DEC-2005 08:59:36	Tw_and_stray	46.000	94	92Alp Cet	2.5260	3100.0	92	19772	No
115	GOM_NL__2PRFIN20051211_090450_000000362043_00179_19772_9190.N1	11-DEC-2005 09:04:50	Bright	36.000	146	25Eta Tau	2.8730	15200.	72	19772	No
116	GOM_NL__2PRFIN20051211_090703_000000362043_00179_19772_9191.N1	11-DEC-2005 09:07:03	Bright	35.500	150	44Zet Per	2.8900	28000.	71	19772	No
117	GOM_NL__2PRFIN20051211_090923_000000362043_00179_19772_9192.N1	11-DEC-2005 09:09:23	Bright	35.500	149	45Eps Per	2.8880	30000.	71	19772	No
118	GOM_NL__2PRFIN20051211_091132_000000352043_00179_19772_9193.N1	11-DEC-2005 09:11:32	Bright	34.500	175	39Del Per	3.0100	19400.	69	19772	No
119	GOM_NL__2PRFIN20051211_091310_000000342043_00179_19772_9194.N1	11-DEC-2005 09:13:10	Bright	34.000	160	23Gam Per	2.9300	4700.0	68	19772	No
120	GOM_NL__2PRFIN20051211_091607_000000352043_00179_19772_9195.N1	11-DEC-2005 09:16:07	Bright	34.500	110	37Del Cas	2.6780	8900.0	69	19772	No
121	GOM_NL__2PRFIN20051211_092313_000000362043_00179_19772_9196.N1	11-DEC-2005 09:23:13	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19772	No
122	GOM_NL__2PRFIN20051211_092757_000000382043_00179_19772_9197.N1	11-DEC-2005 09:27:57	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	19772	No
123	GOM_NL__2PRFIN20051211_093101_000000352043_00179_19772_9198.N1	11-DEC-2005 09:31:01	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	19772	No
124	GOM_NL__2PRFIN20051211_093823_000000352043_00179_19772_9199.N1	11-DEC-2005 09:38:23	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	19772	No
125	GOM_NL__2PRFIN20051211_094131_000000352043_00179_19772_9200.N1	11-DEC-2005 09:41:31	Bright	34.500	83		2.3780	11000.	69	19772	No
126	GOM_NL__2PRFIN20051211_094409_000000202043_00179_19772_9201.N1	11-DEC-2005 09:44:09	Tw_and_stray	20.000	3	16Alp Boo	-0.050000	4250.0	40	19772	No
127	GOM_NL__2PRFIN20051211_095942_000000422043_00179_19772_9202.N1	11-DEC-2005 09:59:42	Twilight	42.000	54	5The Cen	2.0550	4500.0	84	19772	No
128	GOM_NL__2PRFIN20051211_100102_000000422043_00179_19772_9203.N1	11-DEC-2005 10:01:02	Dark	41.500	123	1ot Cen	2.7500	10200.	83	19772	No
129	GOM_NL__2PRFIN20051211_100244_000000382043_00179_19772_9204.N1	11-DEC-2005 10:02:44	Dark	38.000	95	Zet Cen	2.5450	26000.	76	19772	No
130	GOM_NL__2PRFIN20051211_100436_000000412043_00179_19772_9205.N1	11-DEC-2005 10:04:36	Dark	41.000	77	Eps Cen	2.3030	28000.	82	19772	No
131	GOM_NL__2PRFIN20051211_100556_000000462043_00179_19772_9206.N1	11-DEC-2005 10:05:56	Dark	46.000	10	Bet Cen	0.61000	28000.	92	19772	No
132	GOM_NL__2PRFIN20051211_100711_000000382043_00180_19773_9186.N1	11-DEC-2005 10:07:11	Dark	37.500	20	Bet Cru	1.2530	30000.	75	19773	No
133	GOM_NL__2PRFIN20051211_100920_000000372043_00180_19773_9187.N1	11-DEC-2005 10:09:20	Dark	37.000	112	Alp Mus	2.6880	26000.	74	19773	No
134	GOM_NL__2PRFIN20051211_101400_000000392043_00180_19773_9188.N1	11-DEC-2005 10:14:00	Dark	39.000	29	Bet Car	1.6720	10200.	78	19773	No
135	GOM_NL__2PRFIN20051211_102125_000000492043_00180_19773_9189.N1	11-DEC-2005 10:21:25	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	19773	No
136	GOM_NL__2PRFIN20051211_103446_000000422043_00180_19773_9190.N1	11-DEC-2005 10:34:46	Straylight	42.000	165	34Gam Eri	2.9500	3200.0	84	19773	No
137	GOM_NL__2PRFIN20051211_104012_000000442043_00180_19773_9191.N1	11-DEC-2005 10:40:12	Tw_and_stray	44.000	94	92Alp Cet	2.5260	3100.0	88	19773	No
138	GOM_NL__2PRFIN20051211_104526_000000362043_00180_19773_9192.N1	11-DEC-2005 10:45:26	Bright	35.500	146	25Eta Tau	2.8730	15200.	71	19773	No
139	GOM_NL__2PRFIN20051211_104739_000000362043_00180_19773_9193.N1	11-DEC-2005 10:47:39	Bright	35.500	150	44Zet Per	2.8900	28000.	71	19773	No
140	GOM_NL__2PRFIN20051211_104958_000000352043_00180_19773_9194.N1	11-DEC-2005 10:49:58	Bright	35.000	149	45Eps Per	2.8880	30000.	70	19773	No
141	GOM_NL__2PRFIN20051211_105208_000000352043_00180_19773_9195.N1	11-DEC-2005 10:52:08	Bright	34.500	175	39Del Per	3.0100	19400.	69	19773	No
142	GOM_NL__2PRFIN20051211_105346_000000362043_00180_19773_9196.N1	11-DEC-2005 10:53:46	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	19773	No
143	GOM_NL__2PRFIN20051211_105643_000000362043_00180_19773_9197.N1	11-DEC-2005 10:56:43	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	19773	No
144	GOM_NL__2PRFIN20051211_110349_000000362043_00180_19773_9198.N1	11-DEC-2005 11:03:49	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19773	No
145	GOM_NL__2PRFIN20051211_110833_000000372043_00180_19773_9199.N1	11-DEC-2005 11:08:33	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	19773	No
146	GOM_NL__2PRFIN20051211_111137_000000372043_00180_19773_9200.N1	11-DEC-2005 11:11:37	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	19773	No
147	GOM_NL__2PRFIN20051211_111859_000000362043_00180_19773_9201.N1	11-DEC-2005 11:18:59	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	19773	No
148	GOM_NL__2PRFIN20051211_112207_000000362043_00180_19773_9202.N1	11-DEC-2005 11:22:07	Bright	35.500	83		2.3780	11000.	71	19773	No
149	GOM_NL__2PRFIN20051211_112445_000000202043_00180_19773_9203.N1	11-DEC-2005 11:24:45	Tw_and_stray	20.000	3	16Alp Boo	-0.050000	4250.0	40	19773	No
150	GOM_NL__2PRFIN20051211_114018_000000432043_00180_19773_9204.N1	11-DEC-2005 11:40:18	Twilight	42.500	54	5The Cen	2.0550	4500.0	85	19773	No
151	GOM_NL__2PRFIN20051211_114139_000000402043_00180_19773_9205.N1	11-DEC-2005 11:41:39	Dark	39.500	123	1ot Cen	2.7500	10200.	79	19773	No
152	GOM_NL__2PRFIN20051211_114320_000000372043_00180_19773_9206.N1	11-DEC-2005 11:43:20	Dark	37.000	95	Zet Cen	2.5450	26000.	74	19773	No
153	GOM_NL__2PRFIN20051211_114512_000000382043_00180_19773_9207.N1	11-DEC-2005 11:45:12	Dark	37.500	77	Eps Cen	2.3030	28000.	75	19773	No
154	GOM_NL__2PRFIN20051211_114632_000000472043_00180_19773_9208.N1	11-DEC-2005 11:46:32	Dark	47.000	10	Bet Cen	0.61000	28000.	94	19773	No
155	GOM_NL__2PRFIN20051211_114747_000000392043_00181_19774_9189.N1	11-DEC-2005 11:47:47	Dark	38.500	20	Bet Cru	1.2530	30000.	77	19774	No
156	GOM_NL__2PRFIN20051211_114956_000000372043_00181_19774_9190.N1	11-DEC-2005 11:49:56	Dark	36.500	112	Alp Mus	2.6880	26000.	73	19774	No
157	GOM_NL__2PRFIN20051211_115437_000000382043_00181_19774_9191.N1	11-DEC-2005 11:54:37	Dark	38.000	29	Bet Car	1.6720	10200.	76	19774	No
158	GOM_NL__2PRFIN20051211_120201_000000492043_00181_19774_9192.N1	11-DEC-2005 12:02:01	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	19774	No
159	GOM_NL__2PRFIN20051211_121521_000000452043_00181_19774_9193.N1	11-DEC-2005 12:15:21	Straylight	44.500	165	34Gam Eri	2.9500	3200.0	89	19774	No
160	GOM_NL__2PRFIN20051211_122048_000000412043_00181_19774_9194.N1	11-DEC-2005 12:20:48	Tw_and_stray	41.000	94	92Alp Cet	2.5260	3100.0	82	19774	No



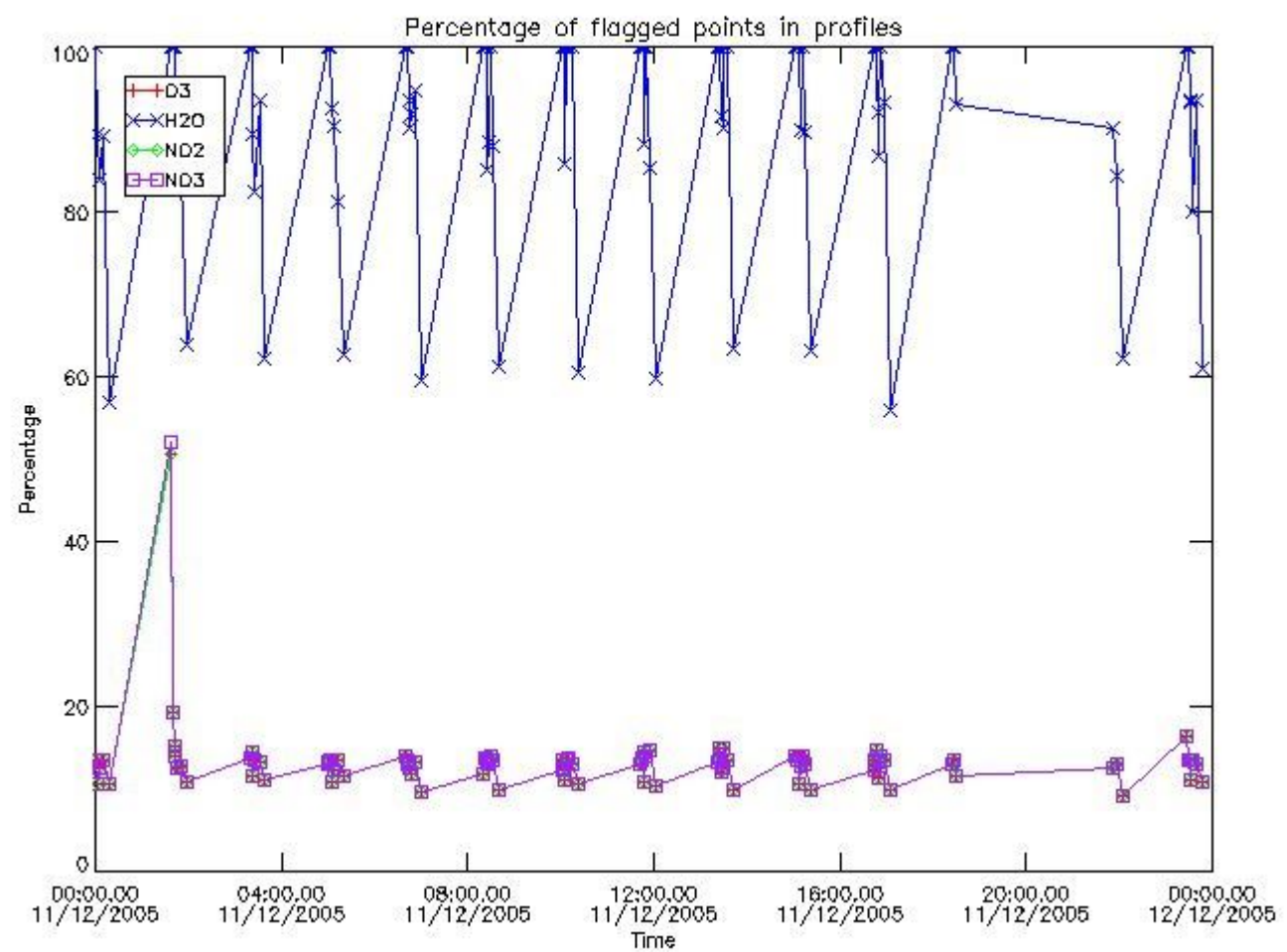
161	GOM_NL__2PRFIN20051211_123034_000000352043_00181_19774_9195.N1	11-DEC-2005 12:30:34	Bright	34.500	149	45Eps Per	2.8880	30000.	69	19774	No
162	GOM_NL__2PRFIN20051211_123243_000000352043_00181_19774_9196.N1	11-DEC-2005 12:32:43	Bright	34.500	175	39Del Per	3.0100	19400.	69	19774	No
163	GOM_NL__2PRFIN20051211_123422_000000352043_00181_19774_9197.N1	11-DEC-2005 12:34:22	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	19774	No
164	GOM_NL__2PRFIN20051211_123720_000000352043_00181_19774_9198.N1	11-DEC-2005 12:37:20	Bright	35.000	110	37Del Cas	2.6780	8900.0	70	19774	No
165	GOM_NL__2PRFIN20051211_124425_000000362043_00181_19774_9199.N1	11-DEC-2005 12:44:25	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19774	No
166	GOM_NL__2PRFIN20051211_124908_000000342043_00181_19774_9200.N1	11-DEC-2005 12:49:08	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	19774	No
167	GOM_NL__2PRFIN20051211_125213_000000352043_00181_19774_9201.N1	11-DEC-2005 12:52:13	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	19774	No
168	GOM_NL__2PRFIN20051211_125935_000000362043_00181_19774_9202.N1	11-DEC-2005 12:59:35	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	19774	No
169	GOM_NL__2PRFIN20051211_130243_000000352043_00181_19774_9203.N1	11-DEC-2005 13:02:43	Bright	34.500	83		2.3780	11000.	69	19774	No
170	GOM_NL__2PRFIN20051211_132054_000000412043_00181_19774_9204.N1	11-DEC-2005 13:20:54	Twilight	41.000	54	5The Cen	2.0550	4500.0	82	19774	No
171	GOM_NL__2PRFIN20051211_132215_000000392043_00181_19774_9205.N1	11-DEC-2005 13:22:15	Dark	38.500	123	1ot Cen	2.7500	10200.	77	19774	No
172	GOM_NL__2PRFIN20051211_132357_000000382043_00181_19774_9206.N1	11-DEC-2005 13:23:57	Dark	37.500	95	Zet Cen	2.5450	26000.	75	19774	No
173	GOM_NL__2PRFIN20051211_132548_000000372043_00181_19774_9207.N1	11-DEC-2005 13:25:48	Dark	37.000	77	Eps Cen	2.3030	28000.	74	19774	No
174	GOM_NL__2PRFIN20051211_132709_000000422043_00181_19774_9208.N1	11-DEC-2005 13:27:09	Dark	42.000	10	Bet Cen	0.61000	28000.	84	19774	No
175	GOM_NL__2PRFIN20051211_132824_000000412043_00182_19775_9228.N1	11-DEC-2005 13:28:24	Dark	40.500	20	Bet Cru	1.2530	30000.	81	19775	No
176	GOM_NL__2PRFIN20051211_133033_000000382043_00182_19775_9229.N1	11-DEC-2005 13:30:33	Dark	37.500	112	Alp Mus	2.6880	26000.	75	19775	No
177	GOM_NL__2PRFIN20051211_133513_000000382043_00182_19775_9230.N1	11-DEC-2005 13:35:13	Dark	37.500	29	Bet Car	1.6720	10200.	75	19775	No
178	GOM_NL__2PRFIN20051211_134238_000000512043_00182_19775_9231.N1	11-DEC-2005 13:42:38	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	19775	No
179	GOM_NL__2PRFIN20051211_135558_000000422043_00182_19775_9232.N1	11-DEC-2005 13:55:58	Straylight	42.000	165	34Gam Eri	2.9500	3200.0	84	19775	No
180	GOM_NL__2PRFIN20051211_140124_000000442043_00182_19775_9233.N1	11-DEC-2005 14:01:24	Tw_and_stray	44.000	94	92Alp Cet	2.5260	3100.0	88	19775	No
181	GOM_NL__2PRFIN20051211_141110_000000362043_00182_19775_9234.N1	11-DEC-2005 14:11:10	Bright	35.500	149	45Eps Per	2.8880	30000.	71	19775	No
182	GOM_NL__2PRFIN20051211_141319_000000332043_00182_19775_9235.N1	11-DEC-2005 14:13:19	Bright	33.000	175	39Del Per	3.0100	19400.	66	19775	No
183	GOM_NL__2PRFIN20051211_141458_000000352043_00182_19775_9236.N1	11-DEC-2005 14:14:58	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	19775	No
184	GOM_NL__2PRFIN20051211_141756_000000352043_00182_19775_9237.N1	11-DEC-2005 14:17:56	Bright	35.000	110	37Del Cas	2.6780	8900.0	70	19775	No
185	GOM_NL__2PRFIN20051211_142501_000000352043_00182_19775_9238.N1	11-DEC-2005 14:25:01	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	19775	No
186	GOM_NL__2PRFIN20051211_142944_000000382043_00182_19775_9239.N1	11-DEC-2005 14:29:44	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	19775	No
187	GOM_NL__2PRFIN20051211_143249_000000352043_00182_19775_9240.N1	11-DEC-2005 14:32:49	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	19775	No
188	GOM_NL__2PRFIN20051211_144011_000000362043_00182_19775_9241.N1	11-DEC-2005 14:40:11	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	19775	No
189	GOM_NL__2PRFIN20051211_144319_000000352043_00182_19775_9242.N1	11-DEC-2005 14:43:19	Bright	34.500	83		2.3780	11000.	69	19775	No
190	GOM_NL__2PRFIN20051211_150130_000000442043_00182_19775_9243.N1	11-DEC-2005 15:01:30	Twilight	43.500	54	5The Cen	2.0550	4500.0	87	19775	No
191	GOM_NL__2PRFIN20051211_150252_000000402043_00182_19775_9244.N1	11-DEC-2005 15:02:52	Dark	40.000	123	1ot Cen	2.7500	10200.	80	19775	No
192	GOM_NL__2PRFIN20051211_150433_000000382043_00182_19775_9245.N1	11-DEC-2005 15:04:33	Dark	38.000	95	Zet Cen	2.5450	26000.	76	19775	No
193	GOM_NL__2PRFIN20051211_150624_000000372043_00182_19775_9246.N1	11-DEC-2005 15:06:24	Dark	36.500	77	Eps Cen	2.3030	28000.	73	19775	No
194	GOM_NL__2PRFIN20051211_150745_000000482043_00182_19775_9247.N1	11-DEC-2005 15:07:45	Dark	48.000	10	Bet Cen	0.61000	28000.	96	19775	No
195	GOM_NL__2PRFIN20051211_150900_000000402043_00183_19776_9343.N1	11-DEC-2005 15:09:00	Dark	40.000	20	Bet Cru	1.2530	30000.	80	19776	No
196	GOM_NL__2PRFIN20051211_151109_000000372043_00183_19776_9344.N1	11-DEC-2005 15:11:09	Dark	36.500	112	Alp Mus	2.6880	26000.	73	19776	No
197	GOM_NL__2PRFIN20051211_151549_000000392043_00183_19776_9345.N1	11-DEC-2005 15:15:49	Dark	39.000	29	Bet Car	1.6720	10200.	78	19776	No
198	GOM_NL__2PRFIN20051211_152314_000000522043_00183_19776_9346.N1	11-DEC-2005 15:23:14	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	19776	No
199	GOM_NL__2PRFIN20051211_153634_000000482043_00183_19776_9347.N1	11-DEC-2005 15:36:34	Straylight	47.500	165	34Gam Eri	2.9500	3200.0	95	19776	No
200	GOM_NL__2PRFIN20051211_154200_000000462043_00183_19776_9348.N1	11-DEC-2005 15:42:00	Tw_and_stray	45.500	94	92Alp Cet	2.5260	3100.0	91	19776	No
201	GOM_NL__2PRFIN20051211_154713_000000382043_00183_19776_9349.N1	11-DEC-2005 15:47:13	Bright	37.500	146	25Eta Tau	2.8730	15200.	75	19776	No
202	GOM_NL__2PRFIN20051211_154926_000000372043_00183_19776_9350.N1	11-DEC-2005 15:49:26	Bright	37.000	150	44Zet Per	2.8900	28000.	74	19776	No
203	GOM_NL__2PRFIN20051211_155146_000000362043_00183_19776_9351.N1	11-DEC-2005 15:51:46	Bright	36.000	149	45Eps Per	2.8880	30000.	72	19776	No
204	GOM_NL__2PRFIN20051211_155355_000000342043_00183_19776_9352.N1	11-DEC-2005 15:53:55	Bright	34.000	175	39Del Per	3.0100	19400.	68	19776	No
205	GOM_NL__2PRFIN20051211_155534_000000362043_00183_19776_9353.N1	11-DEC-2005 15:55:34	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	19776	No
206	GOM_NL__2PRFIN20051211_155832_000000352043_00183_19776_9354.N1	11-DEC-2005 15:58:32	Bright	35.000	110	37Del Cas	2.6780	8900.0	70	19776	No
207	GOM_NL__2PRFIN20051211_160537_000000352043_00183_19776_9355.N1	11-DEC-2005 16:05:37	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	19776	No
208	GOM_NL__2PRFIN20051211_161020_000000372043_00183_19776_9356.N1	11-DEC-2005 16:10:20	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	19776	No
209	GOM_NL__2PRFIN20051211_161325_000000372043_00183_19776_9357.N1	11-DEC-2005 16:13:25	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	19776	No
210	GOM_NL__2PRFIN20051211_162047_000000372043_00183_19776_9358.N1	11-DEC-2005 16:20:47	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	19776	No
211	GOM_NL__2PRFIN20051211_162355_000000352043_00183_19776_9359.N1	11-DEC-2005 16:23:55	Bright	34.500	83		2.3780	11000.	69	19776	No
212	GOM_NL__2PRFIN20051211_164207_000000442043_00183_19776_9360.N1	11-DEC-2005 16:42:07	Twilight	44.000	54	5The Cen	2.0550	4500.0	88	19776	No
213	GOM_NL__2PRFIN20051211_164328_000000422043_00183_19776_9361.N1	11-DEC-2005 16:43:28	Dark	41.500	123	1ot Cen	2.7500	10200.	83	19776	No
214	GOM_NL__2PRFIN20051211_164509_000000382043_00183_19776_9362.N1	11-DEC-2005 16:45:09	Dark	38.000	95	Zet Cen	2.5450	26000.	76	19776	No
215	GOM_NL__2PRFIN20051211_164701_000000382043_00183_19776_9363.N1	11-DEC-2005 16:47:01	Dark	38.000	77	Eps Cen	2.3030	28000.	76	19776	No
216	GOM_NL__2PRFIN20051211_164821_000000392043_00183_19776_9364.N1	11-DEC-2005 16:48:21	Dark	38.500	10	Bet Cen	0.61000	28000.	77	19776	No
217	GOM_NL__2PRFIN20051211_164936_000000452043_00184_19777_9344.N1	11-DEC-2005 16:49:36	Dark	45.000	20	Bet Cru	1.2530	30000.	90	19777	No
218	GOM_NL__2PRFIN20051211_165145_000000372043_00184_19777_9345.N1	11-DEC-2005 16:51:45	Dark	36.500	112	Alp Mus	2.6880	26000.	73	19777	No
219	GOM_NL__2PRFIN20051211_165626_000000382043_00184_19777_9346.N1	11-DEC-2005 16:56:26	Dark	38.000	29	Bet Car	1.6720	10200.	76	19777	No

220	GOM_NL__2PRFIN20051211_170351_000000522043_00184_19777_9347.N1	11-DEC-2005 17:03:51	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	19777	No
221	GOM_NL__2PRFIN20051211_171710_000000422043_00184_19777_9348.N1	11-DEC-2005 17:17:10	Straylight	42.000	165	34Gam Eri	2.9500	3200.0	84	19777	No
222	GOM_NL__2PRFIN20051211_172236_000000442043_00184_19777_9349.N1	11-DEC-2005 17:22:36	Twilight	44.000	94	92Alp Cet	2.5260	3100.0	88	19777	No
223	GOM_NL__2PRFIN20051211_172750_000000362043_00184_19777_9350.N1	11-DEC-2005 17:27:50	Bright	36.000	146	25Eta Tau	2.8730	15200.	72	19777	No
224	GOM_NL__2PRFIN20051211_173002_000000362043_00184_19777_9351.N1	11-DEC-2005 17:30:02	Bright	35.500	150	44Zet Per	2.8900	28000.	71	19777	No
225	GOM_NL__2PRFIN20051211_173222_000000362043_00184_19777_9352.N1	11-DEC-2005 17:32:22	Bright	35.500	149	45Eps Per	2.8880	30000.	71	19777	No
226	GOM_NL__2PRFIN20051211_173431_000000342043_00184_19777_9353.N1	11-DEC-2005 17:34:31	Bright	34.000	175	39Del Per	3.0100	19400.	68	19777	No
227	GOM_NL__2PRFIN20051211_173610_000000362043_00184_19777_9354.N1	11-DEC-2005 17:36:10	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	19777	No
228	GOM_NL__2PRFIN20051211_173908_000000362043_00184_19777_9355.N1	11-DEC-2005 17:39:08	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	19777	No
229	GOM_NL__2PRFIN20051211_174613_000000362043_00184_19777_9356.N1	11-DEC-2005 17:46:13	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19777	No
230	GOM_NL__2PRFIN20051211_175056_000000382043_00184_19777_9357.N1	11-DEC-2005 17:50:56	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	19777	No
231	GOM_NL__2PRFIN20051211_175401_000000342043_00184_19777_9358.N1	11-DEC-2005 17:54:01	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	19777	No
232	GOM_NL__2PRFIN20051211_180123_000000352043_00184_19777_9359.N1	11-DEC-2005 18:01:23	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	19777	No
233	GOM_NL__2PRFIN20051211_180431_000000342043_00184_19777_9360.N1	11-DEC-2005 18:04:31	Bright	34.000	83		2.3780	11000.	68	19777	No
234	GOM_NL__2PRFIN20051211_182243_000000412043_00184_19777_9361.N1	11-DEC-2005 18:22:43	Twilight	41.000	54	5The Cen	2.0550	4500.0	82	19777	No
235	GOM_NL__2PRFIN20051211_182405_000000392043_00184_19777_9362.N1	11-DEC-2005 18:24:05	Dark	39.000	123	1ot Cen	2.7500	10200.	78	19777	No
236	GOM_NL__2PRFIN20051211_182545_000000382043_00184_19777_9363.N1	11-DEC-2005 18:25:45	Dark	37.500	95	Zet Cen	2.5450	26000.	75	19777	No
237	GOM_NL__2PRFIN20051211_182737_000000382043_00184_19777_9364.N1	11-DEC-2005 18:27:37	Dark	38.000	77	Eps Cen	2.3030	28000.	76	19777	No
238	GOM_NL__2PRFIN20051211_182857_000000442043_00184_19777_9365.N1	11-DEC-2005 18:28:57	Dark	44.000	10	Bet Cen	0.61000	28000.	88	19777	No
239	GOM_NL__2PRFIN20051211_215236_000000412043_00187_19780_9351.N1	11-DEC-2005 21:52:36	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	19780	No
240	GOM_NL__2PRFIN20051211_215815_000000392043_00187_19780_9352.N1	11-DEC-2005 21:58:15	Dark	39.000	29	Bet Car	1.6720	10200.	78	19780	No
241	GOM_NL__2PRFIN20051211_220540_000000562043_00187_19780_9353.N1	11-DEC-2005 22:05:40	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	19780	No
242	GOM_NL__2PRFIN20051211_221858_000000422043_00187_19780_9354.N1	11-DEC-2005 22:18:58	Straylight	41.500	165	34Gam Eri	2.9500	3200.0	83	19780	No
243	GOM_NL__2PRFIN20051211_222425_000000432043_00187_19780_9355.N1	11-DEC-2005 22:24:25	Twilight	42.500	94	92Alp Cet	2.5260	3100.0	85	19780	No
244	GOM_NL__2PRFIN20051211_222937_000000362043_00187_19780_9356.N1	11-DEC-2005 22:29:37	Bright	35.500	146	25Eta Tau	2.8730	15200.	71	19780	No
245	GOM_NL__2PRFIN20051211_223150_000000362043_00187_19780_9357.N1	11-DEC-2005 22:31:50	Bright	36.000	150	44Zet Per	2.8900	28000.	72	19780	No
246	GOM_NL__2PRFIN20051211_223409_000000352043_00187_19780_9358.N1	11-DEC-2005 22:34:09	Bright	35.000	149	45Eps Per	2.8880	30000.	70	19780	No
247	GOM_NL__2PRFIN20051211_223619_000000522043_00187_19780_9359.N1	11-DEC-2005 22:36:19	Bright	52.000	175	39Del Per	3.0100	19400.	104	19780	No
248	GOM_NL__2PRFIN20051211_223758_000000352043_00187_19780_9360.N1	11-DEC-2005 22:37:58	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	19780	No
249	GOM_NL__2PRFIN20051211_224057_000000352043_00187_19780_9361.N1	11-DEC-2005 22:40:57	Bright	35.000	110	37Del Cas	2.6780	8900.0	70	19780	No
250	GOM_NL__2PRFIN20051211_224801_000000362043_00187_19780_9362.N1	11-DEC-2005 22:48:01	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19780	No
251	GOM_NL__2PRFIN20051211_225244_000000372043_00187_19780_9363.N1	11-DEC-2005 22:52:44	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	19780	No
252	GOM_NL__2PRFIN20051211_225549_000000352043_00187_19780_9364.N1	11-DEC-2005 22:55:49	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	19780	No
253	GOM_NL__2PRFIN20051211_230311_000000342043_00187_19780_9365.N1	11-DEC-2005 23:03:11	Bright	34.000	180	27Gam Boo	3.0400	8000.0	68	19780	No
254	GOM_NL__2PRFIN20051211_230619_000000352043_00187_19780_9366.N1	11-DEC-2005 23:06:19	Bright	34.500	83		2.3780	11000.	69	19780	No
255	GOM_NL__2PRFIN20051211_232432_000000412043_00187_19780_9367.N1	11-DEC-2005 23:24:32	Twilight	40.500	54	5The Cen	2.0550	4500.0	81	19780	No
256	GOM_NL__2PRFIN20051211_232734_000000382043_00187_19780_9368.N1	11-DEC-2005 23:27:34	Dark	37.500	95	Zet Cen	2.5450	26000.	75	19780	No
257	GOM_NL__2PRFIN20051211_232926_000000382043_00187_19780_9369.N1	11-DEC-2005 23:29:26	Dark	37.500	77	Eps Cen	2.3030	28000.	75	19780	No
258	GOM_NL__2PRFIN20051211_233045_000000462043_00187_19780_9370.N1	11-DEC-2005 23:30:45	Dark	46.000	10	Bet Cen	0.61000	28000.	92	19780	No
259	GOM_NL__2PRFIN20051211_233202_000000382043_00188_19781_9353.N1	11-DEC-2005 23:32:02	Dark	38.000	20	Bet Cru	1.2530	30000.	76	19781	No
260	GOM_NL__2PRFIN20051211_233313_000000382043_00188_19781_9354.N1	11-DEC-2005 23:33:13	Dark	38.000	12	Alp1Cru	0.77500	30000.	76	19781	No
261	GOM_NL__2PRFIN20051211_233851_000000402043_00188_19781_9355.N1	11-DEC-2005 23:38:51	Dark	39.500	29	Bet Car	1.6720	10200.	79	19781	No
262	GOM_NL__2PRFIN20051211_234616_000000472043_00188_19781_9356.N1	11-DEC-2005 23:46:16	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	19781	No
263	GOM_NL__2PRFIN20051211_235934_000000422043_00188_19781_9357.N1	11-DEC-2005 23:59:34	Straylight	42.000	165	34Gam Eri	2.9500	3200.0	84	19781	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.

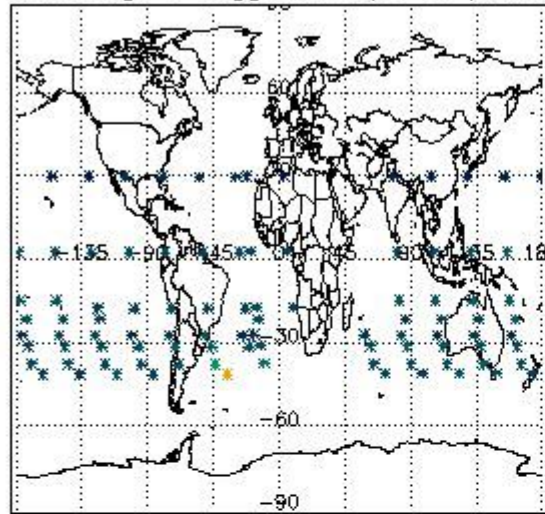
#### 3.1 Plot quality information per product (time dependant)



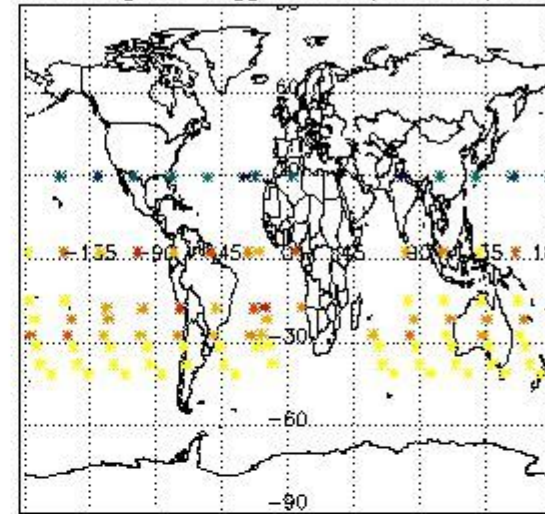
3.2 Plot quality information per product (world map)



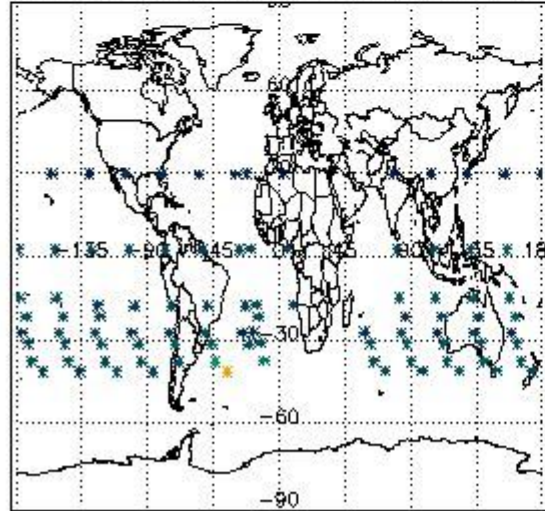
Percentage of flagged data per O3 profile



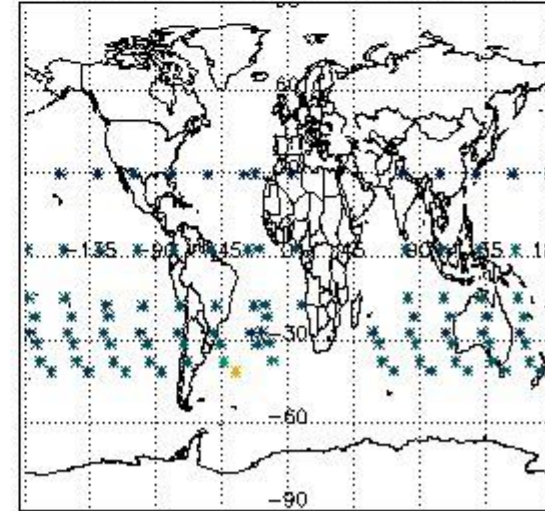
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



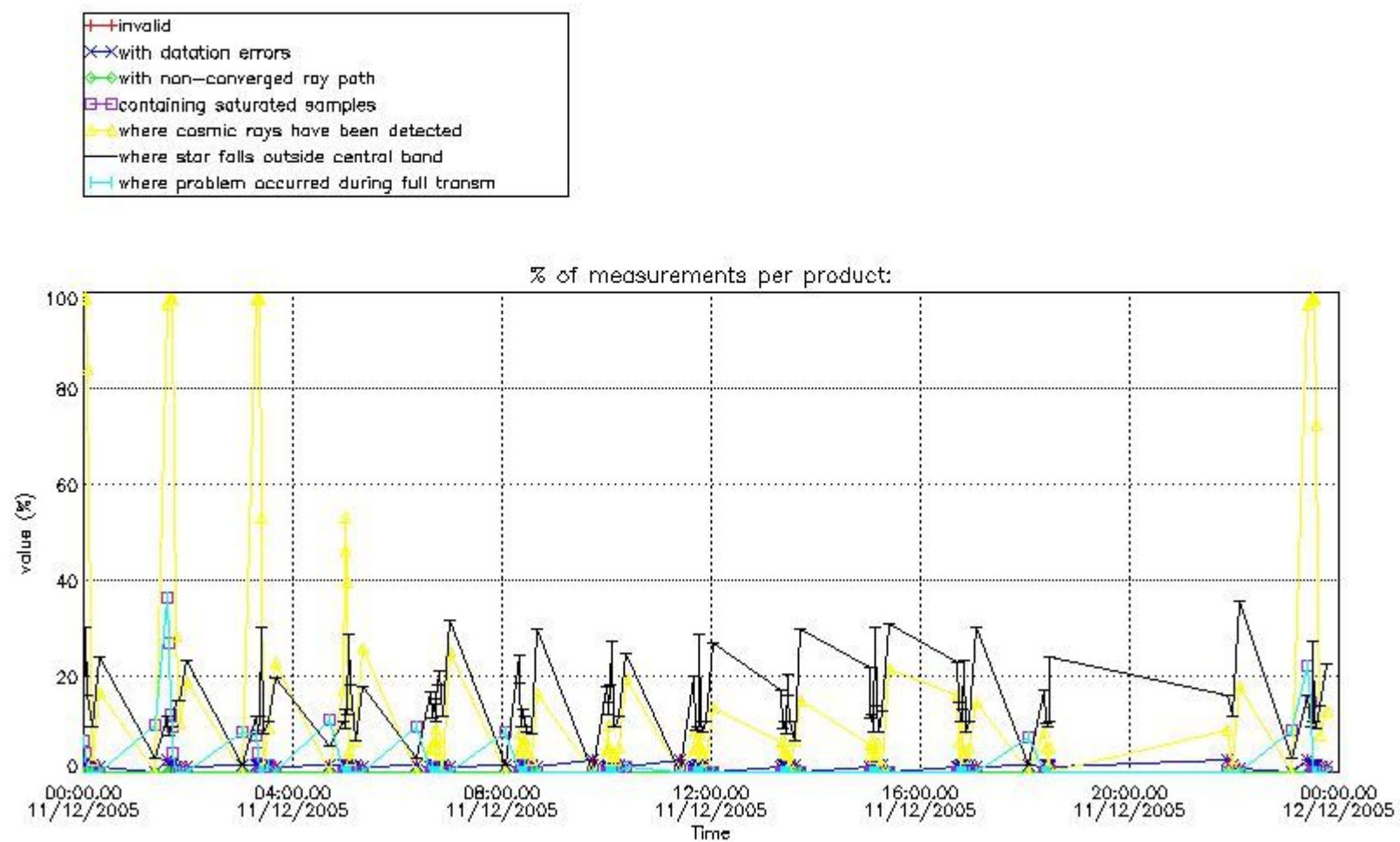
#### 4. Level 1 quality information per product

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.

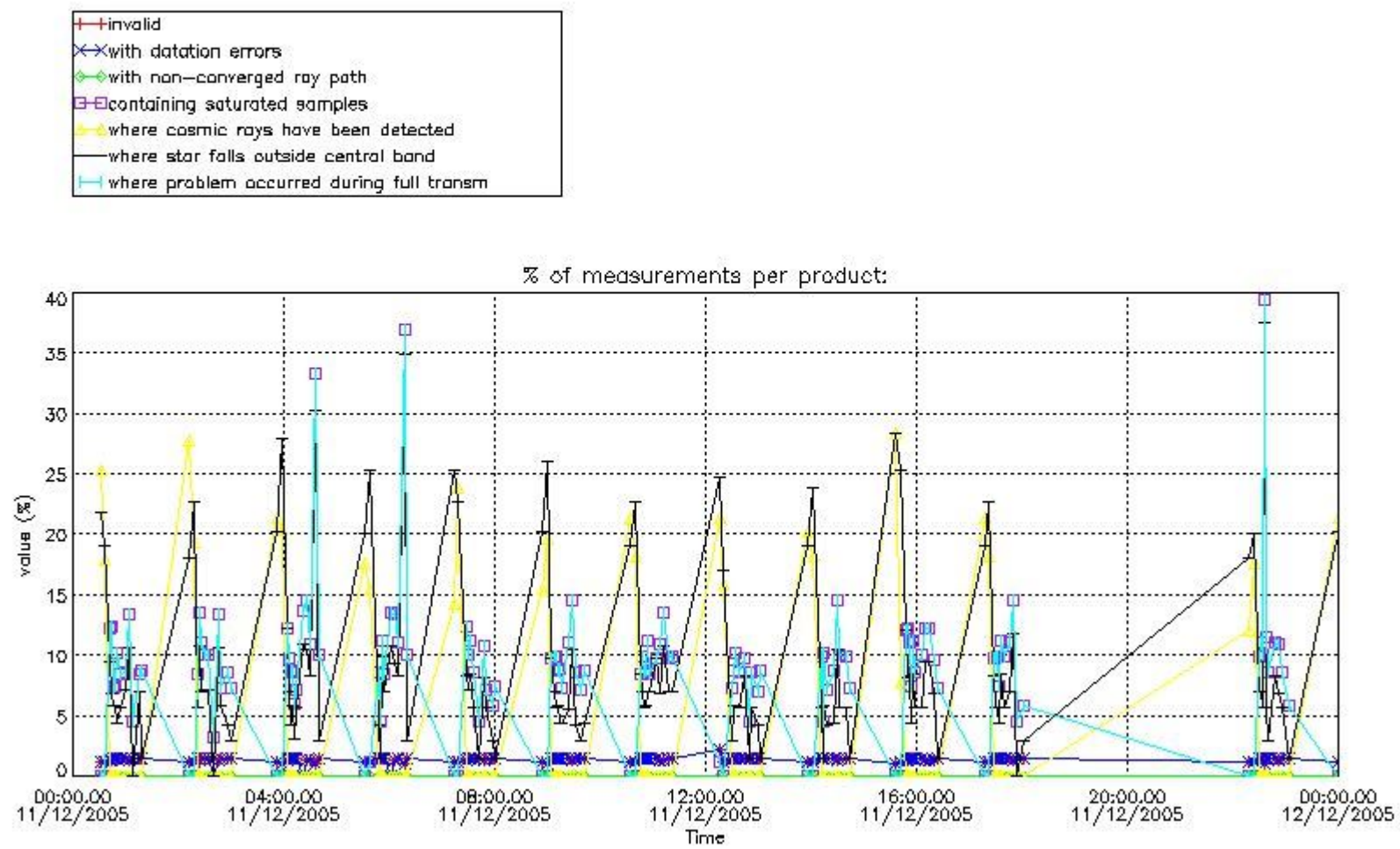
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





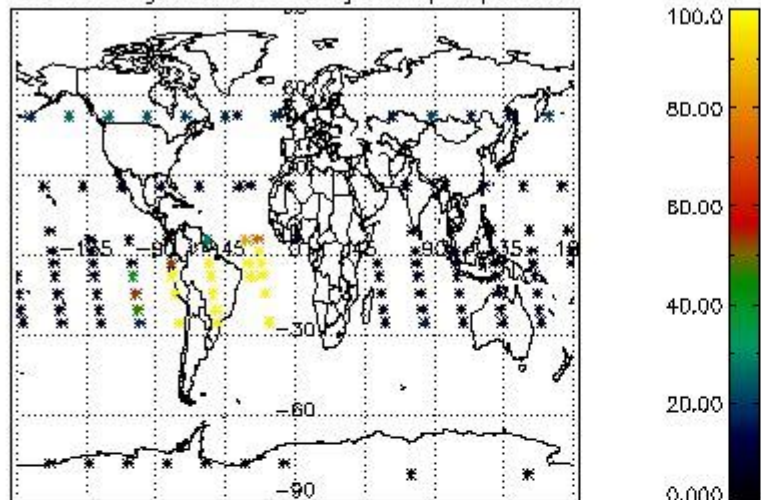
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



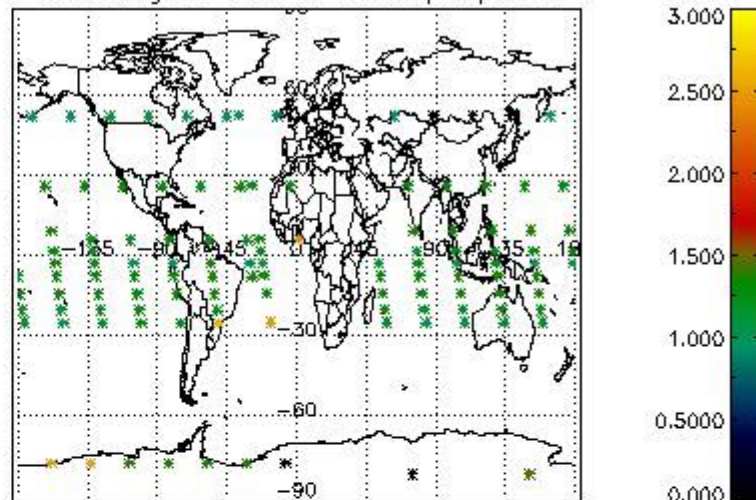
4.2 Plot quality information per product coming from level 1b processing (world map)

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

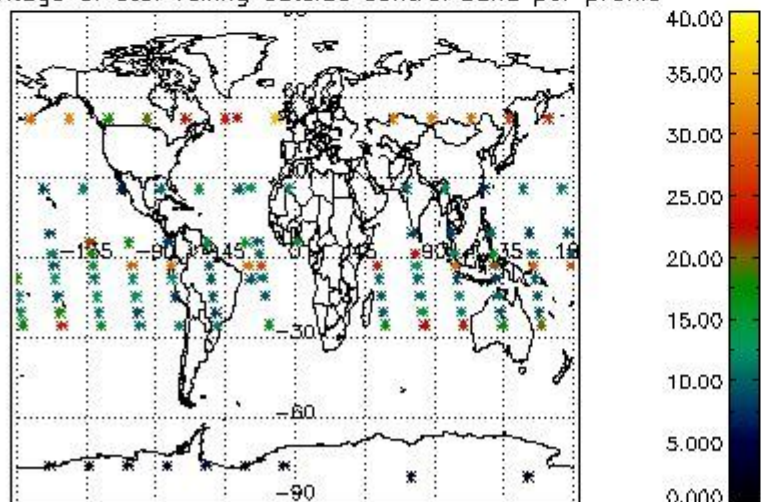
Percentage of cosmic ray hits per profile



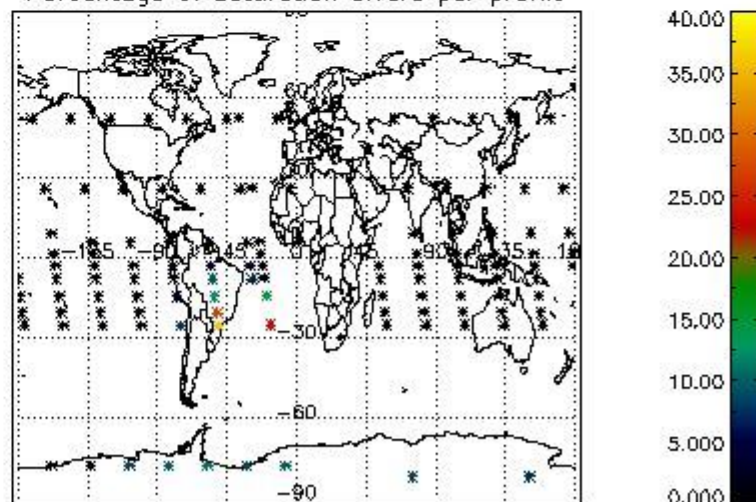
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

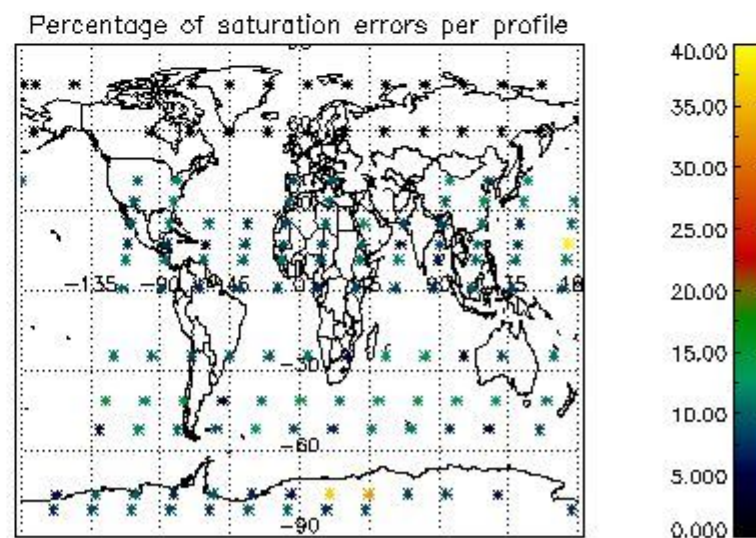
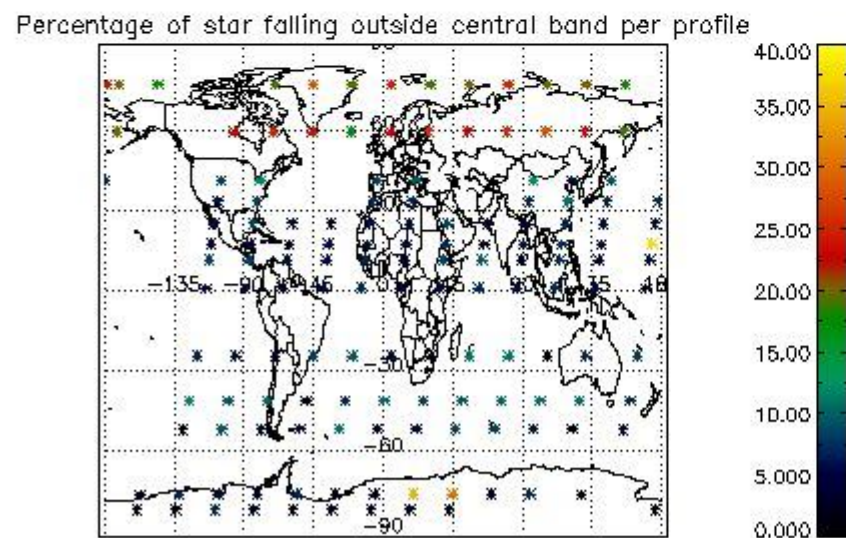
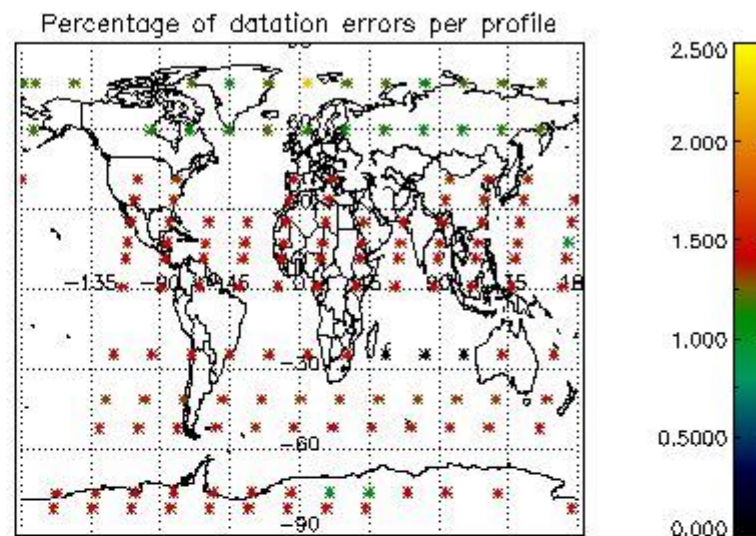
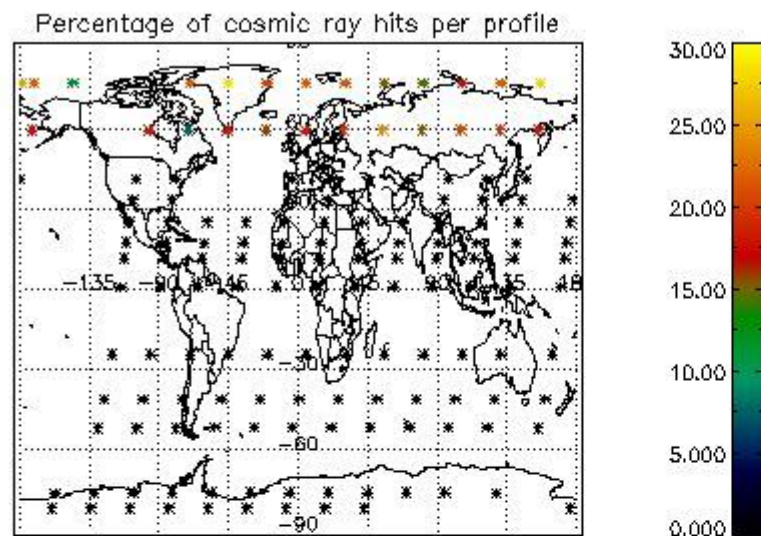


Percentage of saturation errors per profile



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

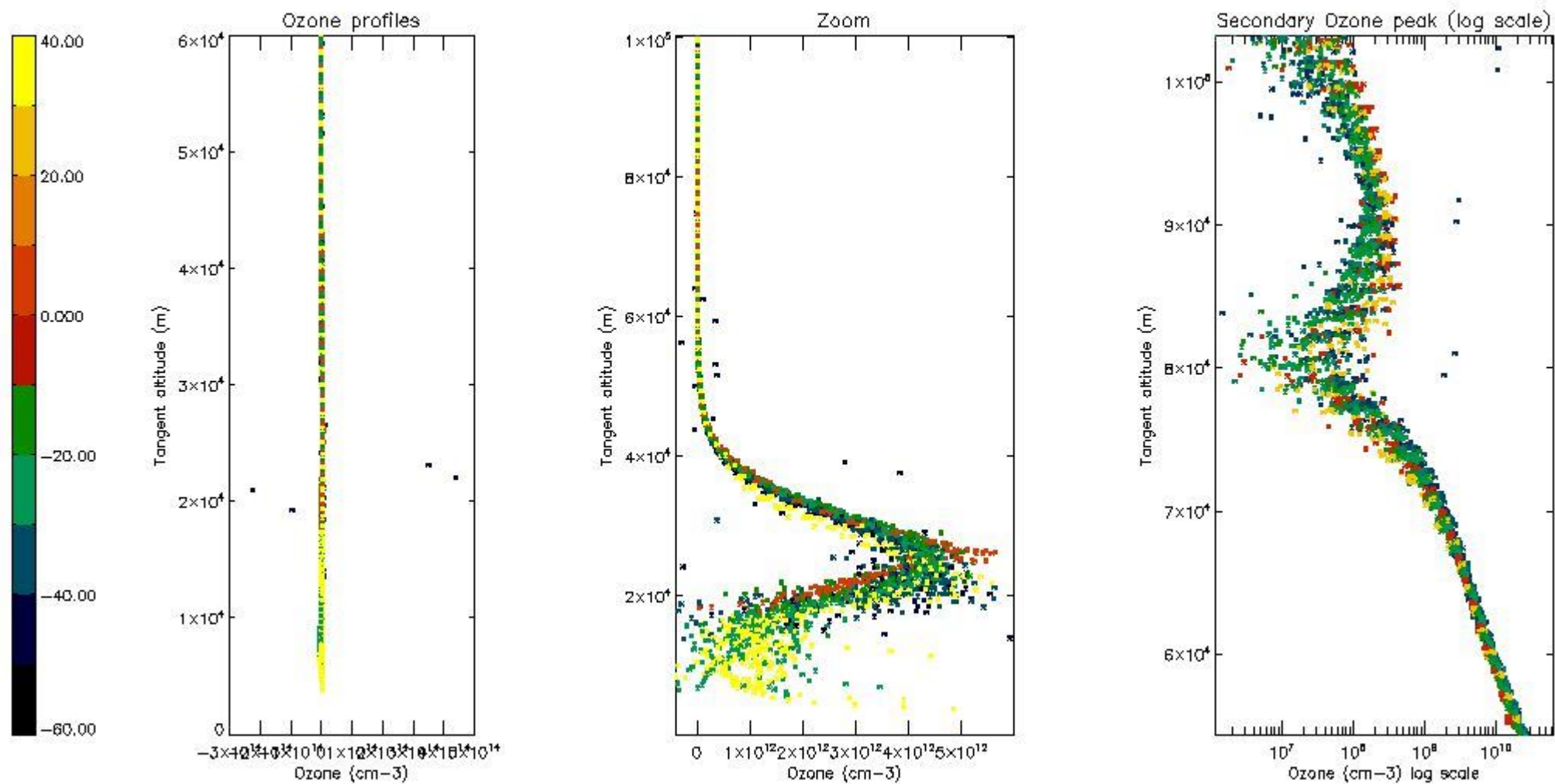
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	39
STD < 20	26

STD < 10	23
STD < 5	16

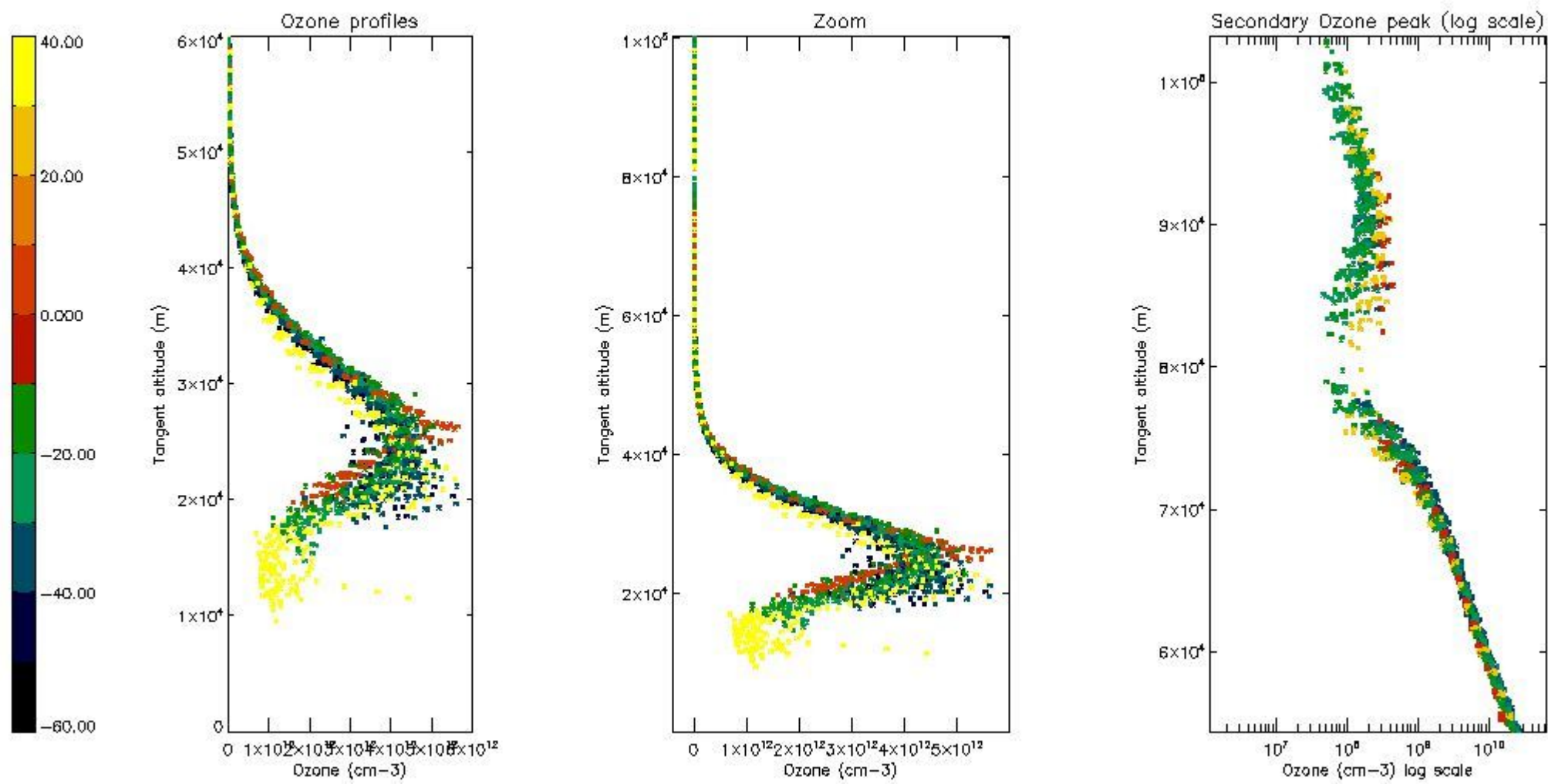
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

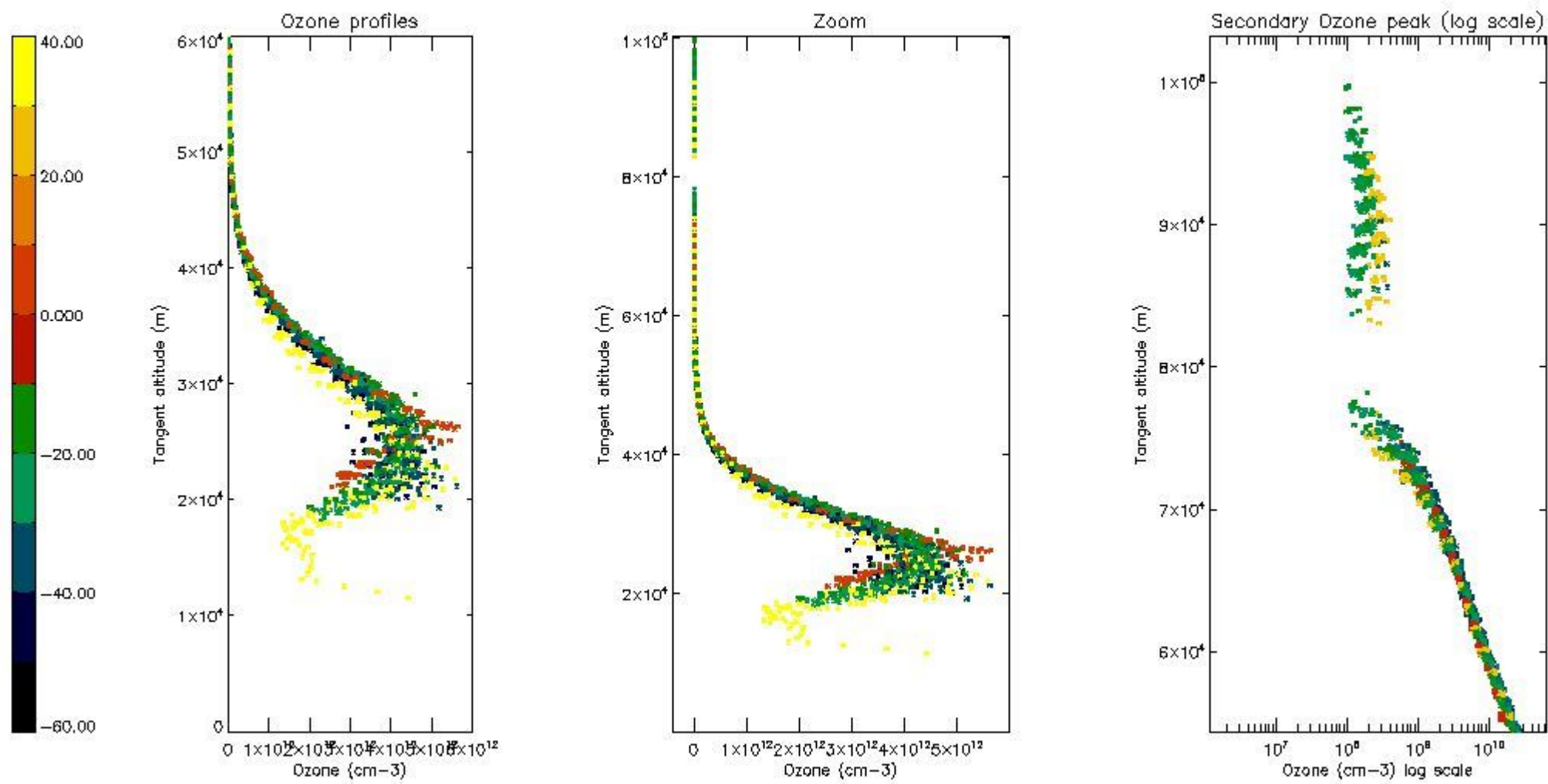
The colorbar represents the latitude.



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

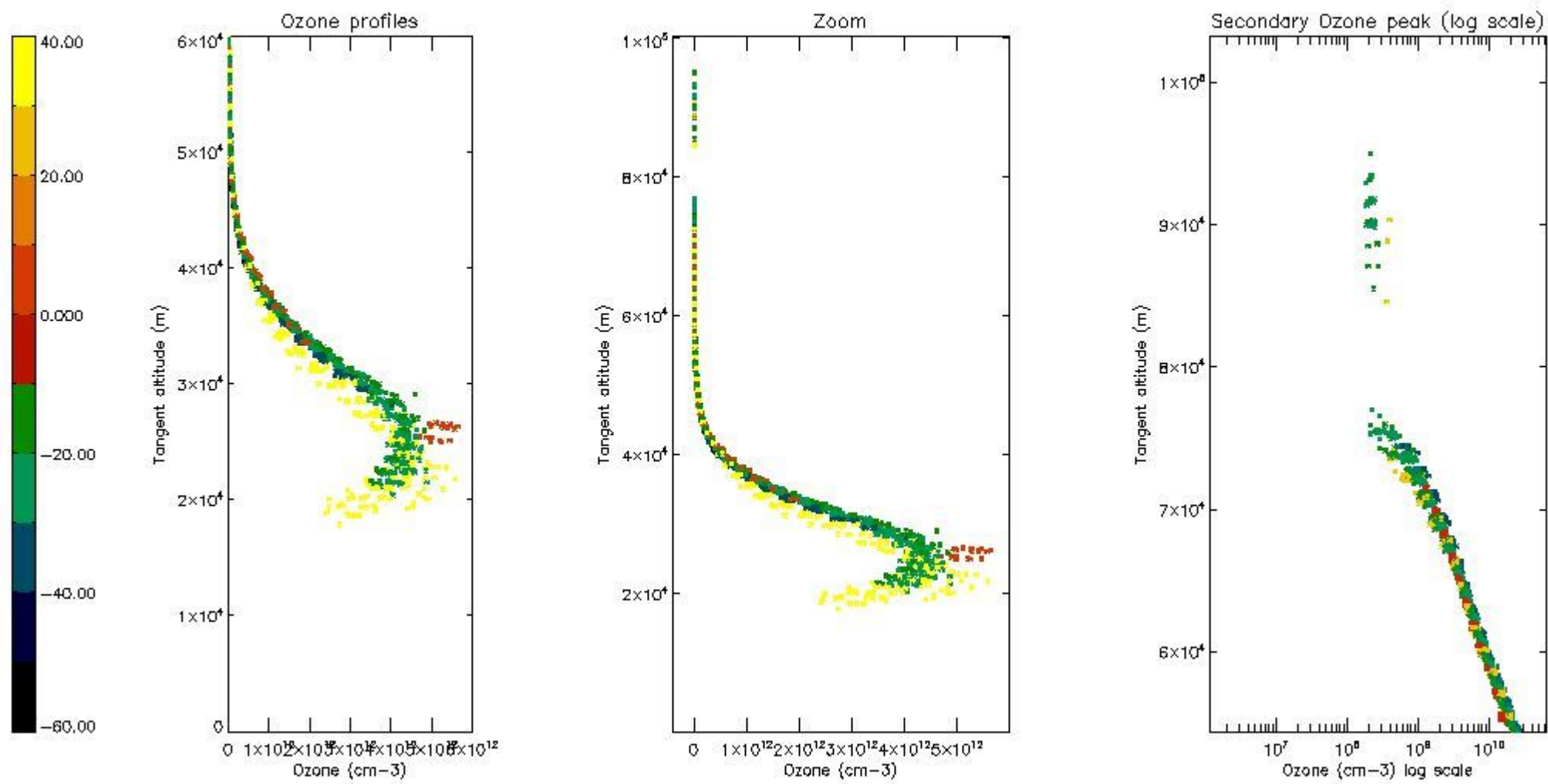
The colorbar represents the latitude.





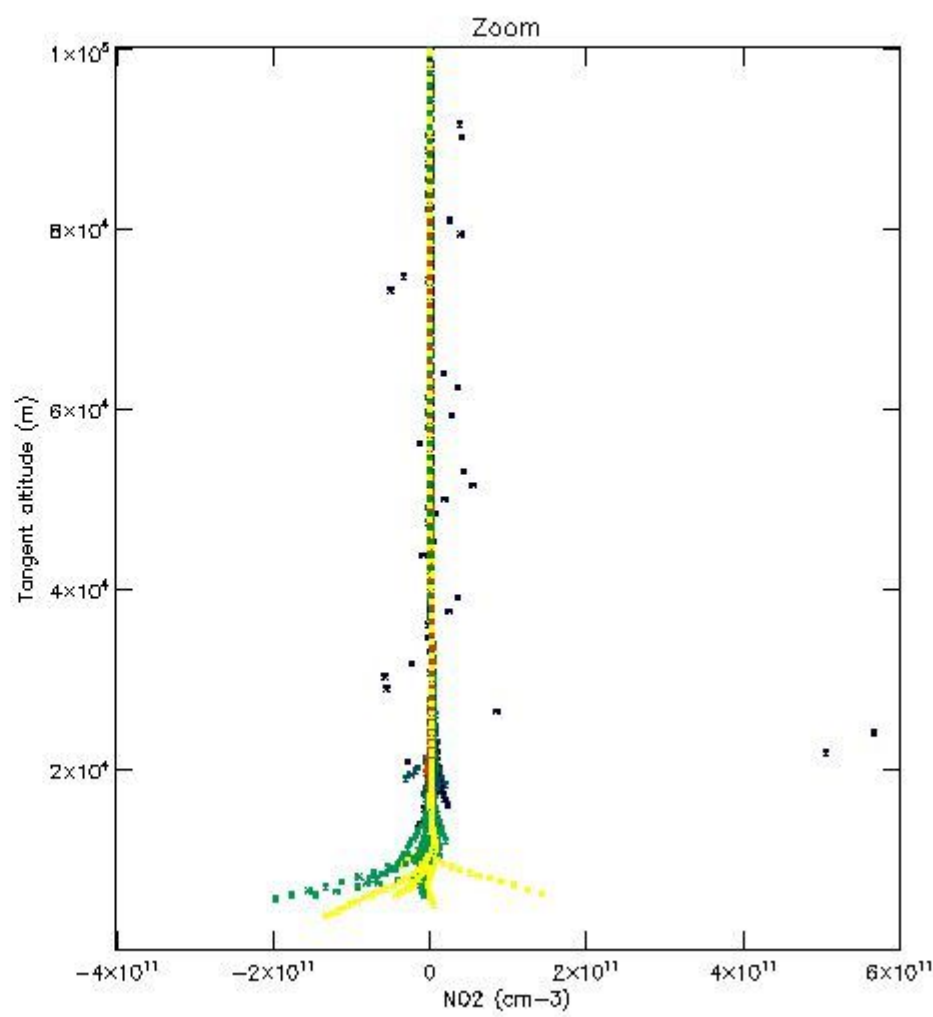
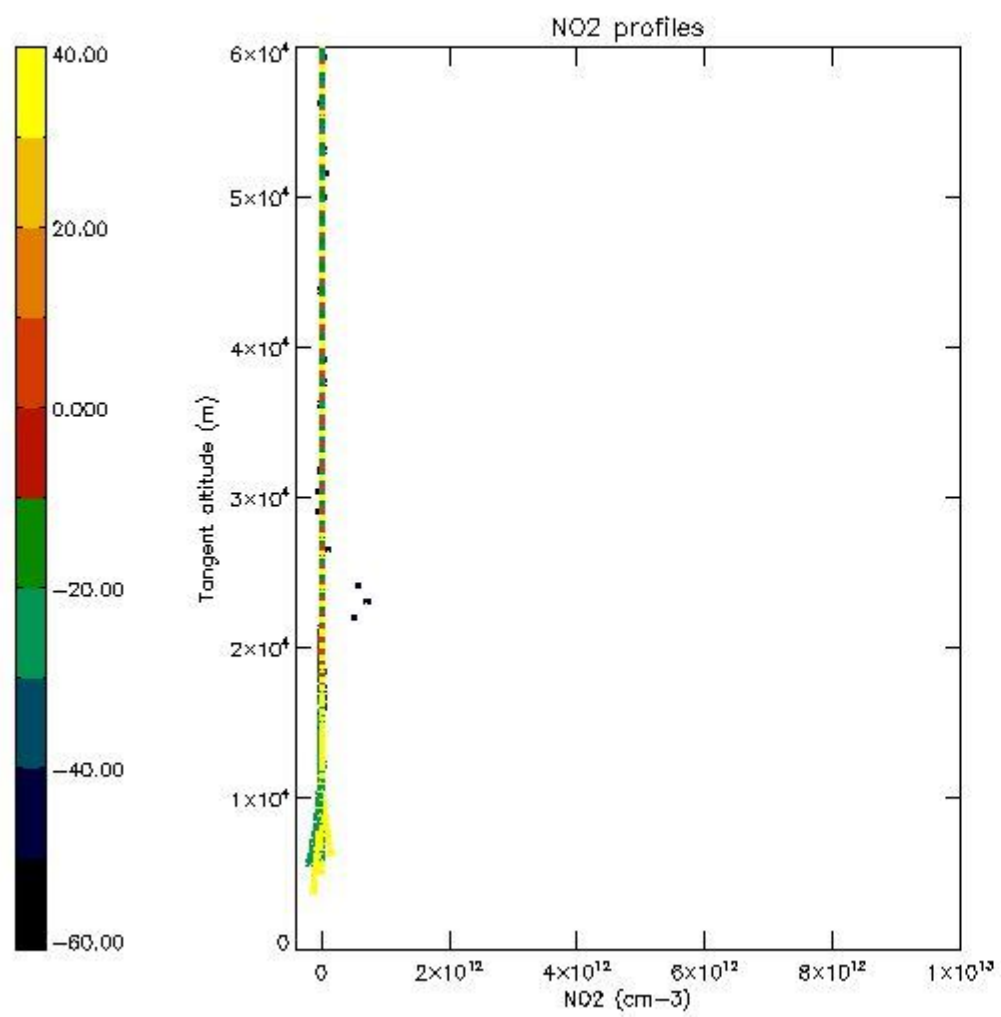
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

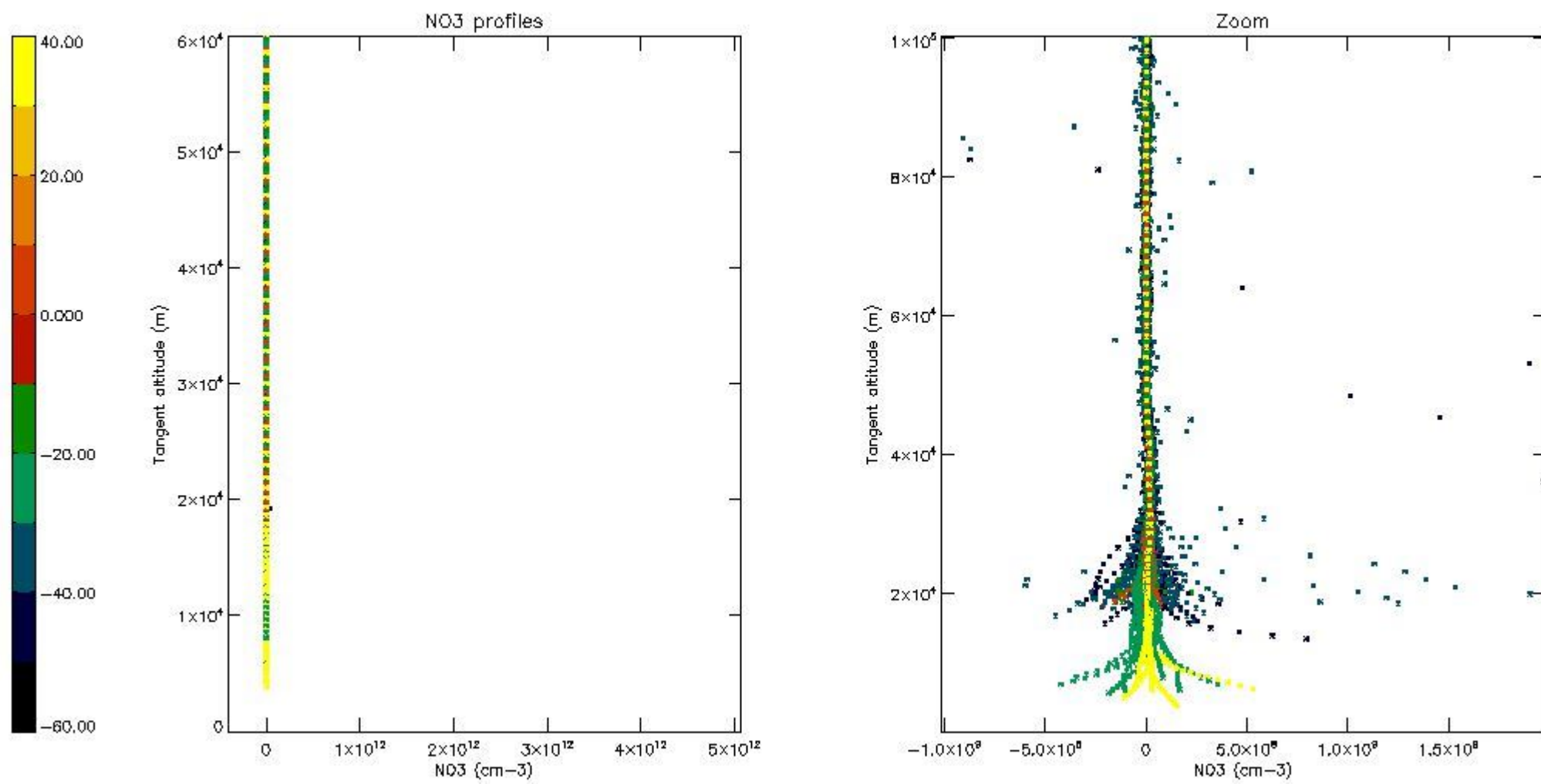
The colorbar represents the latitude.



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

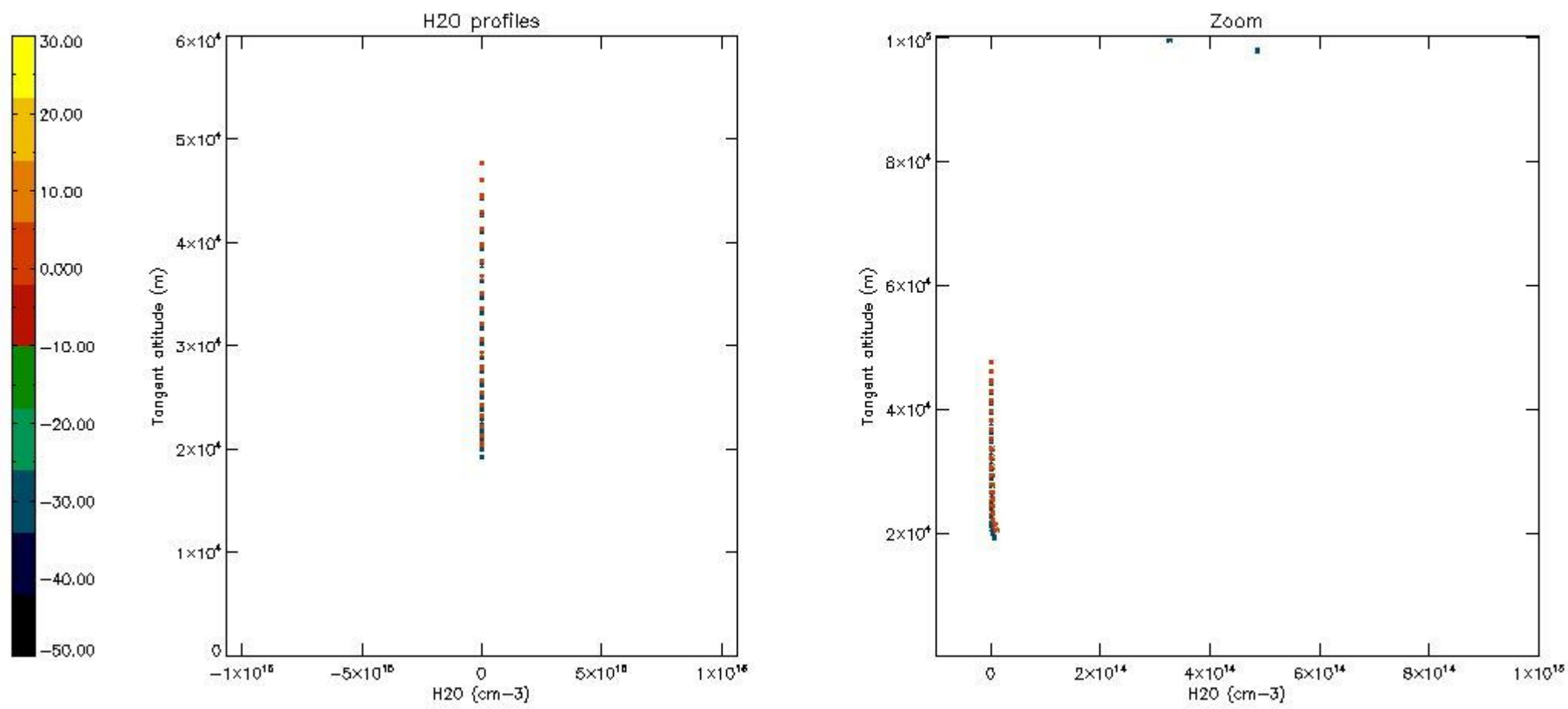
The colorbar represents the latitude.





*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	11-DEC-2005 00:00:58
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-DEC-2005 00:00:58
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-DEC-2005 00:00:58

# 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	18APR2013 13:06:36
Data source version	GOMOS/6.01
Start time of products	11-12-2005 (11DEC2005 00:00:00)
Stop time of products	12-12-2005 (12DEC2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	263
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__2PRFIN20051211_000058_000000382043_00173_19766_9320.N1	11-DEC-2005 00:00:58	Dark	37.500	77	Eps Cen	2.3030	28000.	75	19766	No
2	GOM_NL__2PRFIN20051211_000220_000000482043_00173_19766_9321.N1	11-DEC-2005 00:02:20	Dark	48.000	10	Bet Cen	0.61000	28000.	96	19766	No
3	GOM_NL__2PRFIN20051211_000444_000000412043_00174_19767_9174.N1	11-DEC-2005 00:04:44	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	19767	No
4	GOM_NL__2PRFIN20051211_001022_000000382043_00174_19767_9175.N1	11-DEC-2005 00:10:22	Dark	37.500	29	Bet Car	1.6720	10200.	75	19767	No
5	GOM_NL__2PRFIN20051211_001747_000000482043_00174_19767_9176.N1	11-DEC-2005 00:17:47	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	19767	No
6	GOM_NL__2PRFIN20051211_003109_000000442043_00174_19767_9177.N1	11-DEC-2005 00:31:09	Straylight	43.500	165	34Gam Eri	2.9500	3200.0	87	19767	No
7	GOM_NL__2PRFIN20051211_003635_000000422043_00174_19767_9178.N1	11-DEC-2005 00:36:35	Twilight	42.000	94	92Alp Cet	2.5260	3100.0	84	19767	No
8	GOM_NL__2PRFIN20051211_004150_000000372043_00174_19767_9179.N1	11-DEC-2005 00:41:50	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	19767	No
9	GOM_NL__2PRFIN20051211_004403_000000372043_00174_19767_9180.N1	11-DEC-2005 00:44:03	Bright	36.500	150	44Zet Per	2.8900	28000.	73	19767	No
10	GOM_NL__2PRFIN20051211_004623_000000352043_00174_19767_9181.N1	11-DEC-2005 00:46:23	Bright	34.500	149	45Eps Per	2.8880	30000.	69	19767	No
11	GOM_NL__2PRFIN20051211_004832_000000342043_00174_19767_9182.N1	11-DEC-2005 00:48:32	Bright	34.000	175	39Del Per	3.0100	19400.	68	19767	No
12	GOM_NL__2PRFIN20051211_005010_000000352043_00174_19767_9183.N1	11-DEC-2005 00:50:10	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	19767	No
13	GOM_NL__2PRFIN20051211_005306_000000362043_00174_19767_9184.N1	11-DEC-2005 00:53:06	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	19767	No
14	GOM_NL__2PRFIN20051211_010013_000000352043_00174_19767_9185.N1	11-DEC-2005 01:00:13	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	19767	No
15	GOM_NL__2PRFIN20051211_010457_000000382043_00174_19767_9186.N1	11-DEC-2005 01:04:57	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	19767	No
16	GOM_NL__2PRFIN20051211_010800_000000332043_00174_19767_9187.N1	11-DEC-2005 01:08:00	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	19767	No
17	GOM_NL__2PRFIN20051211_011523_000000362043_00174_19767_9188.N1	11-DEC-2005 01:15:23	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	19767	No
18	GOM_NL__2PRFIN20051211_011830_000000352043_00174_19767_9189.N1	11-DEC-2005 01:18:30	Bright	34.500	83		2.3780	11000.	69	19767	No
19	GOM_NL__2PRFIN20051211_012108_000000362043_00174_19767_9190.N1	11-DEC-2005 01:21:08	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	19767	No
20	GOM_NL__2PRFIN20051211_013640_000000392043_00174_19767_9191.N1	11-DEC-2005 01:36:40	Twilight	38.500	54	5The Cen	2.0550	4500.0	77	19767	No
21	GOM_NL__2PRFIN20051211_013800_000000392043_00174_19767_9192.N1	11-DEC-2005 01:38:00	Dark	39.000	123	lot Cen	2.7500	10200.	78	19767	No
22	GOM_NL__2PRFIN20051211_013943_000000372043_00174_19767_9193.N1	11-DEC-2005 01:39:43	Dark	37.000	95	Zet Cen	2.5450	26000.	74	19767	No
23	GOM_NL__2PRFIN20051211_014134_000000372043_00174_19767_9194.N1	11-DEC-2005 01:41:34	Dark	37.000	77	Eps Cen	2.3030	28000.	74	19767	No
24	GOM_NL__2PRFIN20051211_014256_000000372043_00174_19767_9195.N1	11-DEC-2005 01:42:56	Dark	36.500	10	Bet Cen	0.61000	28000.	73	19767	No
25	GOM_NL__2PRFIN20051211_014520_000000412043_00175_19768_9176.N1	11-DEC-2005 01:45:20	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	19768	No
26	GOM_NL__2PRFIN20051211_015058_000000402043_00175_19768_9177.N1	11-DEC-2005 01:50:58	Dark	40.000	29	Bet Car	1.6720	10200.	80	19768	No
27	GOM_NL__2PRFIN20051211_015823_000000482043_00175_19768_9178.N1	11-DEC-2005 01:58:23	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	19768	No
28	GOM_NL__2PRFIN20051211_021145_000000422043_00175_19768_9179.N1	11-DEC-2005 02:11:45	Straylight	41.500	165	34Gam Eri	2.9500	3200.0	83	19768	No
29	GOM_NL__2PRFIN20051211_021711_000000442043_00175_19768_9180.N1	11-DEC-2005 02:17:11	Twilight	44.000	94	92Alp Cet	2.5260	3100.0	88	19768	No
30	GOM_NL__2PRFIN20051211_022226_000000362043_00175_19768_9181.N1	11-DEC-2005 02:22:26	Bright	35.500	146	25Eta Tau	2.8730	15200.	71	19768	No
31	GOM_NL__2PRFIN20051211_022439_000000372043_00175_19768_9182.N1	11-DEC-2005 02:24:39	Bright	37.000	150	44Zet Per	2.8900	28000.	74	19768	No
32	GOM_NL__2PRFIN20051211_022659_000000362043_00175_19768_9183.N1	11-DEC-2005 02:26:59	Bright	36.000	149	45Eps Per	2.8880	30000.	72	19768	No
33	GOM_NL__2PRFIN20051211_022908_000000352043_00175_19768_9184.N1	11-DEC-2005 02:29:08	Bright	35.000	175	39Del Per	3.0100	19400.	70	19768	No
34	GOM_NL__2PRFIN20051211_023046_000000352043_00175_19768_9185.N1	11-DEC-2005 02:30:46	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	19768	No
35	GOM_NL__2PRFIN20051211_023342_000000352043_00175_19768_9186.N1	11-DEC-2005 02:33:42	Bright	35.000	110	37Del Cas	2.6780	8900.0	70	19768	No
36	GOM_NL__2PRFIN20051211_024049_000000322043_00175_19768_9187.N1	11-DEC-2005 02:40:49	Bright	31.500	49	1Alp UMi	1.9900	6300.0	63	19768	No
37	GOM_NL__2PRFIN20051211_024533_000000382043_00175_19768_9188.N1	11-DEC-2005 02:45:33	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	19768	No
38	GOM_NL__2PRFIN20051211_024836_000000352043_00175_19768_9189.N1	11-DEC-2005 02:48:36	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	19768	No
39	GOM_NL__2PRFIN20051211_025559_000000352043_00175_19768_9190.N1	11-DEC-2005 02:55:59	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	19768	No
40	GOM_NL__2PRFIN20051211_025906_000000352043_00175_19768_9191.N1	11-DEC-2005 02:59:06	Bright	34.500	83		2.3780	11000.	69	19768	No
41	GOM_NL__2PRFIN20051211_030144_000000362043_00175_19768_9192.N1	11-DEC-2005 03:01:44	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	19768	No
42	GOM_NL__2PRFIN20051211_031716_000000392043_00175_19768_9193.N1	11-DEC-2005 03:17:16	Twilight	38.500	54	5The Cen	2.0550	4500.0	77	19768	No

43	GOM_NL__2PRFIN20051211_032019_000000372043_00175_19768_9194.N1	11-DEC-2005 03:20:19	Dark	37.000	95	Zet Cen	2.5450	26000.	74	19768	No
44	GOM_NL__2PRFIN20051211_032211_000000392043_00175_19768_9195.N1	11-DEC-2005 03:22:11	Dark	38.500	77	Eps Cen	2.3030	28000.	77	19768	No
45	GOM_NL__2PRFIN20051211_032332_000000482043_00175_19768_9196.N1	11-DEC-2005 03:23:32	Dark	48.000	10	Bet Cen	0.61000	28000.	96	19768	No
46	GOM_NL__2PRFIN20051211_032557_000000382043_00176_19769_9178.N1	11-DEC-2005 03:25:57	Dark	37.500	12	Alp1Cru	0.77500	30000.	75	19769	No
47	GOM_NL__2PRFIN20051211_033135_000000392043_00176_19769_9179.N1	11-DEC-2005 03:31:35	Dark	38.500	29	Bet Car	1.6720	10200.	77	19769	No
48	GOM_NL__2PRFIN20051211_033900_000000462043_00176_19769_9180.N1	11-DEC-2005 03:39:00	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	19769	No
49	GOM_NL__2PRFIN20051211_035221_000000422043_00176_19769_9181.N1	11-DEC-2005 03:52:21	Straylight	42.000	165	34Gam Eri	2.9500	3200.0	84	19769	No
50	GOM_NL__2PRFIN20051211_035747_000000472043_00176_19769_9182.N1	11-DEC-2005 03:57:47	Tw_i_and_stray	46.500	94	92Alp Cet	2.5260	3100.0	93	19769	No
51	GOM_NL__2PRFIN20051211_040302_000000372043_00176_19769_9183.N1	11-DEC-2005 04:03:02	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	19769	No
52	GOM_NL__2PRFIN20051211_040515_000000362043_00176_19769_9184.N1	11-DEC-2005 04:05:15	Bright	36.000	150	44Zet Per	2.8900	28000.	72	19769	No
53	GOM_NL__2PRFIN20051211_040735_000000352043_00176_19769_9185.N1	11-DEC-2005 04:07:35	Bright	35.000	149	45Eps Per	2.8880	30000.	70	19769	No
54	GOM_NL__2PRFIN20051211_040944_000000352043_00176_19769_9186.N1	11-DEC-2005 04:09:44	Bright	34.500	175	39Del Per	3.0100	19400.	69	19769	No
55	GOM_NL__2PRFIN20051211_041122_000000342043_00176_19769_9187.N1	11-DEC-2005 04:11:22	Bright	33.500	160	23Gam Per	2.9300	4700.0	67	19769	No
56	GOM_NL__2PRFIN20051211_041419_000000352043_00176_19769_9188.N1	11-DEC-2005 04:14:19	Bright	35.000	110	37Del Cas	2.6780	8900.0	70	19769	No
57	GOM_NL__2PRFIN20051211_042125_000000372043_00176_19769_9189.N1	11-DEC-2005 04:21:25	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	19769	No
58	GOM_NL__2PRFIN20051211_042609_000000382043_00176_19769_9190.N1	11-DEC-2005 04:26:09	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	19769	No
59	GOM_NL__2PRFIN20051211_042912_000000372043_00176_19769_9191.N1	11-DEC-2005 04:29:12	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	19769	No
60	GOM_NL__2PRFIN20051211_043635_000000482043_00176_19769_9192.N1	11-DEC-2005 04:36:35	Bright	48.000	180	27Gam Boo	3.0400	8000.0	96	19769	No
61	GOM_NL__2PRFIN20051211_043942_000000352043_00176_19769_9193.N1	11-DEC-2005 04:39:42	Bright	35.000	83		2.3780	11000.	70	19769	No
62	GOM_NL__2PRFIN20051211_044220_000000372043_00176_19769_9194.N1	11-DEC-2005 04:42:20	Bright	37.000	3	16Alp Boo	-0.050000	4250.0	74	19769	No
63	GOM_NL__2PRFIN20051211_045753_000000382043_00176_19769_9195.N1	11-DEC-2005 04:57:53	Twilight	38.000	54	5The Cen	2.0550	4500.0	76	19769	No
64	GOM_NL__2PRFIN20051211_045913_000000392043_00176_19769_9196.N1	11-DEC-2005 04:59:13	Dark	39.000	123	lot Cen	2.7500	10200.	78	19769	No
65	GOM_NL__2PRFIN20051211_050055_000000392043_00176_19769_9197.N1	11-DEC-2005 05:00:55	Dark	38.500	95	Zet Cen	2.5450	26000.	77	19769	No
66	GOM_NL__2PRFIN20051211_050247_000000382043_00176_19769_9198.N1	11-DEC-2005 05:02:47	Dark	38.000	77	Eps Cen	2.3030	28000.	76	19769	No
67	GOM_NL__2PRFIN20051211_050408_000000472043_00176_19769_9199.N1	11-DEC-2005 05:04:08	Dark	47.000	10	Bet Cen	0.61000	28000.	94	19769	No
68	GOM_NL__2PRFIN20051211_050633_000000422043_00177_19770_9180.N1	11-DEC-2005 05:06:33	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	19770	No
69	GOM_NL__2PRFIN20051211_051211_000000382043_00177_19770_9181.N1	11-DEC-2005 05:12:11	Dark	37.500	29	Bet Car	1.6720	10200.	75	19770	No
70	GOM_NL__2PRFIN20051211_051936_000000452043_00177_19770_9182.N1	11-DEC-2005 05:19:36	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	19770	No
71	GOM_NL__2PRFIN20051211_053257_000000432043_00177_19770_9183.N1	11-DEC-2005 05:32:57	Straylight	42.500	165	34Gam Eri	2.9500	3200.0	85	19770	No
72	GOM_NL__2PRFIN20051211_053823_000000462043_00177_19770_9184.N1	11-DEC-2005 05:38:23	Tw_i_and_stray	45.500	94	92Alp Cet	2.5260	3100.0	91	19770	No
73	GOM_NL__2PRFIN20051211_054811_000000352043_00177_19770_9185.N1	11-DEC-2005 05:48:11	Bright	35.000	149	45Eps Per	2.8880	30000.	70	19770	No
74	GOM_NL__2PRFIN20051211_055020_000000332043_00177_19770_9186.N1	11-DEC-2005 05:50:20	Bright	33.000	175	39Del Per	3.0100	19400.	66	19770	No
75	GOM_NL__2PRFIN20051211_055158_000000362043_00177_19770_9187.N1	11-DEC-2005 05:51:58	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	19770	No
76	GOM_NL__2PRFIN20051211_055455_000000362043_00177_19770_9188.N1	11-DEC-2005 05:54:55	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	19770	No
77	GOM_NL__2PRFIN20051211_060201_000000372043_00177_19770_9189.N1	11-DEC-2005 06:02:01	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	19770	No
78	GOM_NL__2PRFIN20051211_060645_000000382043_00177_19770_9190.N1	11-DEC-2005 06:06:45	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	19770	No
79	GOM_NL__2PRFIN20051211_060949_000000362043_00177_19770_9191.N1	11-DEC-2005 06:09:49	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	19770	No
80	GOM_NL__2PRFIN20051211_061711_000000522043_00177_19770_9192.N1	11-DEC-2005 06:17:11	Bright	51.500	180	27Gam Boo	3.0400	8000.0	103	19770	No
81	GOM_NL__2PRFIN20051211_062018_000000352043_00177_19770_9193.N1	11-DEC-2005 06:20:18	Bright	35.000	83		2.3780	11000.	70	19770	No
82	GOM_NL__2PRFIN20051211_062256_000000372043_00177_19770_9194.N1	11-DEC-2005 06:22:56	Bright	36.500	3	16Alp Boo	-0.050000	4250.0	73	19770	No
83	GOM_NL__2PRFIN20051211_063829_000000422043_00177_19770_9195.N1	11-DEC-2005 06:38:29	Twilight	41.500	54	5The Cen	2.0550	4500.0	83	19770	No
84	GOM_NL__2PRFIN20051211_063949_000000402043_00177_19770_9196.N1	11-DEC-2005 06:39:49	Dark	40.000	123	lot Cen	2.7500	10200.	80	19770	No
85	GOM_NL__2PRFIN20051211_064132_000000392043_00177_19770_9197.N1	11-DEC-2005 06:41:32	Dark	39.000	95	Zet Cen	2.5450	26000.	78	19770	No
86	GOM_NL__2PRFIN20051211_064323_000000382043_00177_19770_9198.N1	11-DEC-2005 06:43:23	Dark	38.000	77	Eps Cen	2.3030	28000.	76	19770	No
87	GOM_NL__2PRFIN20051211_064444_000000402043_00177_19770_9199.N1	11-DEC-2005 06:44:44	Dark	39.500	10	Bet Cen	0.61000	28000.	79	19770	No
88	GOM_NL__2PRFIN20051211_064559_000000412043_00178_19771_9182.N1	11-DEC-2005 06:45:59	Dark	41.000	20	Bet Cru	1.2530	30000.	82	19771	No
89	GOM_NL__2PRFIN20051211_064710_000000432043_00178_19771_9183.N1	11-DEC-2005 06:47:10	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	19771	No
90	GOM_NL__2PRFIN20051211_065248_000000392043_00178_19771_9184.N1	11-DEC-2005 06:52:48	Dark	38.500	29	Bet Car	1.6720	10200.	77	19771	No
91	GOM_NL__2PRFIN20051211_070013_000000542043_00178_19771_9185.N1	11-DEC-2005 07:00:13	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	19771	No
92	GOM_NL__2PRFIN20051211_071333_000000462043_00178_19771_9186.N1	11-DEC-2005 07:13:33	Straylight	45.500	165	34Gam Eri	2.9500	3200.0	91	19771	No
93	GOM_NL__2PRFIN20051211_071859_000000442043_00178_19771_9187.N1	11-DEC-2005 07:18:59	Tw_i_and_stray	44.000	94	92Alp Cet	2.5260	3100.0	88	19771	No
94	GOM_NL__2PRFIN20051211_072847_000000372043_00178_19771_9188.N1	11-DEC-2005 07:28:47	Bright	36.500	149	45Eps Per	2.8880	30000.	73	19771	No
95	GOM_NL__2PRFIN20051211_073056_000000352043_00178_19771_9189.N1	11-DEC-2005 07:30:56	Bright	35.000	175	39Del Per	3.0100	19400.	70	19771	No
96	GOM_NL__2PRFIN20051211_073234_000000362043_00178_19771_9190.N1	11-DEC-2005 07:32:34	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	19771	No
97	GOM_NL__2PRFIN20051211_073531_000000352043_00178_19771_9191.N1	11-DEC-2005 07:35:31	Bright	35.000	110	37Del Cas	2.6780	8900.0	70	19771	No
98	GOM_NL__2PRFIN20051211_074237_000000342043_00178_19771_9192.N1	11-DEC-2005 07:42:37	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	19771	No
99	GOM_NL__2PRFIN20051211_074721_000000372043_00178_19771_9193.N1	11-DEC-2005 07:47:21	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	19771	No
100	GOM_NL__2PRFIN20051211_075025_000000352043_00178_19771_9194.N1	11-DEC-2005 07:50:25	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	19771	No
101	GOM_NL__2PRFIN20051211_075747_000000342043_00178_19771_9195.N1	11-DEC-2005 07:57:47	Bright	34.000	180	27Gam Boo	3.0400	8000.0	68	19771	No

102	GOM_NL__2PRFIN20051211_080055_000000342043_00178_19771_9196.N1	11-DEC-2005 08:00:55	Bright	34.000	83		2.3780	11000.	68	19771	No
103	GOM_NL__2PRFIN20051211_080333_000000362043_00178_19771_9197.N1	11-DEC-2005 08:03:33	Bright	36.000	3	16Alp Boo	-0.050000	4250.0	72	19771	No
104	GOM_NL__2PRFIN20051211_081905_000000452043_00178_19771_9198.N1	11-DEC-2005 08:19:05	Twilight	45.000	54	5The Cen	2.0550	4500.0	90	19771	No
105	GOM_NL__2PRFIN20051211_082026_000000442043_00178_19771_9199.N1	11-DEC-2005 08:20:26	Dark	43.500	123	1ot Cen	2.7500	10200.	87	19771	No
106	GOM_NL__2PRFIN20051211_082208_000000372043_00178_19771_9200.N1	11-DEC-2005 08:22:08	Dark	37.000	95	Zet Cen	2.5450	26000.	74	19771	No
107	GOM_NL__2PRFIN20051211_082359_000000392043_00178_19771_9201.N1	11-DEC-2005 08:23:59	Dark	38.500	77	Eps Cen	2.3030	28000.	77	19771	No
108	GOM_NL__2PRFIN20051211_082520_000000382043_00178_19771_9202.N1	11-DEC-2005 08:25:20	Dark	37.500	10	Bet Cen	0.61000	28000.	75	19771	No
109	GOM_NL__2PRFIN20051211_082635_000000392043_00179_19772_9184.N1	11-DEC-2005 08:26:35	Dark	39.000	20	Bet Cru	1.2530	30000.	78	19772	No
110	GOM_NL__2PRFIN20051211_082844_000000372043_00179_19772_9185.N1	11-DEC-2005 08:28:44	Dark	36.500	112	Alp Mus	2.6880	26000.	73	19772	No
111	GOM_NL__2PRFIN20051211_083324_000000382043_00179_19772_9186.N1	11-DEC-2005 08:33:24	Dark	37.500	29	Bet Car	1.6720	10200.	75	19772	No
112	GOM_NL__2PRFIN20051211_084049_000000522043_00179_19772_9187.N1	11-DEC-2005 08:40:49	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	19772	No
113	GOM_NL__2PRFIN20051211_085409_000000422043_00179_19772_9188.N1	11-DEC-2005 08:54:09	Straylight	42.000	165	34Gam Eri	2.9500	3200.0	84	19772	No
114	GOM_NL__2PRFIN20051211_085936_000000462043_00179_19772_9189.N1	11-DEC-2005 08:59:36	Twi_and_stray	46.000	94	92Alp Cet	2.5260	3100.0	92	19772	No
115	GOM_NL__2PRFIN20051211_090450_000000362043_00179_19772_9190.N1	11-DEC-2005 09:04:50	Bright	36.000	146	25Eta Tau	2.8730	15200.	72	19772	No
116	GOM_NL__2PRFIN20051211_090703_000000362043_00179_19772_9191.N1	11-DEC-2005 09:07:03	Bright	35.500	150	44Zet Per	2.8900	28000.	71	19772	No
117	GOM_NL__2PRFIN20051211_090923_000000362043_00179_19772_9192.N1	11-DEC-2005 09:09:23	Bright	35.500	149	45Eps Per	2.8880	30000.	71	19772	No
118	GOM_NL__2PRFIN20051211_091132_000000352043_00179_19772_9193.N1	11-DEC-2005 09:11:32	Bright	34.500	175	39Del Per	3.0100	19400.	69	19772	No
119	GOM_NL__2PRFIN20051211_091310_000000342043_00179_19772_9194.N1	11-DEC-2005 09:13:10	Bright	34.000	160	23Gam Per	2.9300	4700.0	68	19772	No
120	GOM_NL__2PRFIN20051211_091607_000000352043_00179_19772_9195.N1	11-DEC-2005 09:16:07	Bright	34.500	110	37Del Cas	2.6780	8900.0	69	19772	No
121	GOM_NL__2PRFIN20051211_092313_000000362043_00179_19772_9196.N1	11-DEC-2005 09:23:13	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19772	No
122	GOM_NL__2PRFIN20051211_092757_000000382043_00179_19772_9197.N1	11-DEC-2005 09:27:57	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	19772	No
123	GOM_NL__2PRFIN20051211_093101_000000352043_00179_19772_9198.N1	11-DEC-2005 09:31:01	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	19772	No
124	GOM_NL__2PRFIN20051211_093823_000000352043_00179_19772_9199.N1	11-DEC-2005 09:38:23	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	19772	No
125	GOM_NL__2PRFIN20051211_094131_000000352043_00179_19772_9200.N1	11-DEC-2005 09:41:31	Bright	34.500	83		2.3780	11000.	69	19772	No
126	GOM_NL__2PRFIN20051211_094409_000000202043_00179_19772_9201.N1	11-DEC-2005 09:44:09	Twi_and_stray	20.000	3	16Alp Boo	-0.050000	4250.0	40	19772	No
127	GOM_NL__2PRFIN20051211_095942_000000422043_00179_19772_9202.N1	11-DEC-2005 09:59:42	Twilight	42.000	54	5The Cen	2.0550	4500.0	84	19772	No
128	GOM_NL__2PRFIN20051211_100102_000000422043_00179_19772_9203.N1	11-DEC-2005 10:01:02	Dark	41.500	123	1ot Cen	2.7500	10200.	83	19772	No
129	GOM_NL__2PRFIN20051211_100244_000000382043_00179_19772_9204.N1	11-DEC-2005 10:02:44	Dark	38.000	95	Zet Cen	2.5450	26000.	76	19772	No
130	GOM_NL__2PRFIN20051211_100436_000000412043_00179_19772_9205.N1	11-DEC-2005 10:04:36	Dark	41.000	77	Eps Cen	2.3030	28000.	82	19772	No
131	GOM_NL__2PRFIN20051211_100556_000000462043_00179_19772_9206.N1	11-DEC-2005 10:05:56	Dark	46.000	10	Bet Cen	0.61000	28000.	92	19772	No
132	GOM_NL__2PRFIN20051211_100711_000000382043_00180_19773_9186.N1	11-DEC-2005 10:07:11	Dark	37.500	20	Bet Cru	1.2530	30000.	75	19773	No
133	GOM_NL__2PRFIN20051211_100920_000000372043_00180_19773_9187.N1	11-DEC-2005 10:09:20	Dark	37.000	112	Alp Mus	2.6880	26000.	74	19773	No
134	GOM_NL__2PRFIN20051211_101400_000000392043_00180_19773_9188.N1	11-DEC-2005 10:14:00	Dark	39.000	29	Bet Car	1.6720	10200.	78	19773	No
135	GOM_NL__2PRFIN20051211_102125_000000492043_00180_19773_9189.N1	11-DEC-2005 10:21:25	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	19773	No
136	GOM_NL__2PRFIN20051211_103446_000000422043_00180_19773_9190.N1	11-DEC-2005 10:34:46	Straylight	42.000	165	34Gam Eri	2.9500	3200.0	84	19773	No
137	GOM_NL__2PRFIN20051211_104012_000000442043_00180_19773_9191.N1	11-DEC-2005 10:40:12	Twi_and_stray	44.000	94	92Alp Cet	2.5260	3100.0	88	19773	No
138	GOM_NL__2PRFIN20051211_104526_000000362043_00180_19773_9192.N1	11-DEC-2005 10:45:26	Bright	35.500	146	25Eta Tau	2.8730	15200.	71	19773	No
139	GOM_NL__2PRFIN20051211_104739_000000362043_00180_19773_9193.N1	11-DEC-2005 10:47:39	Bright	35.500	150	44Zet Per	2.8900	28000.	71	19773	No
140	GOM_NL__2PRFIN20051211_104958_000000352043_00180_19773_9194.N1	11-DEC-2005 10:49:58	Bright	35.000	149	45Eps Per	2.8880	30000.	70	19773	No
141	GOM_NL__2PRFIN20051211_105208_000000352043_00180_19773_9195.N1	11-DEC-2005 10:52:08	Bright	34.500	175	39Del Per	3.0100	19400.	69	19773	No
142	GOM_NL__2PRFIN20051211_105346_000000362043_00180_19773_9196.N1	11-DEC-2005 10:53:46	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	19773	No
143	GOM_NL__2PRFIN20051211_105643_000000362043_00180_19773_9197.N1	11-DEC-2005 10:56:43	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	19773	No
144	GOM_NL__2PRFIN20051211_110349_000000362043_00180_19773_9198.N1	11-DEC-2005 11:03:49	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19773	No
145	GOM_NL__2PRFIN20051211_110833_000000372043_00180_19773_9199.N1	11-DEC-2005 11:08:33	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	19773	No
146	GOM_NL__2PRFIN20051211_111137_000000372043_00180_19773_9200.N1	11-DEC-2005 11:11:37	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	19773	No
147	GOM_NL__2PRFIN20051211_111859_000000362043_00180_19773_9201.N1	11-DEC-2005 11:18:59	Bright	36.000	180	27Gam Boo	3.0400	8000.0	72	19773	No
148	GOM_NL__2PRFIN20051211_112207_000000362043_00180_19773_9202.N1	11-DEC-2005 11:22:07	Bright	35.500	83		2.3780	11000.	71	19773	No
149	GOM_NL__2PRFIN20051211_112445_000000202043_00180_19773_9203.N1	11-DEC-2005 11:24:45	Twi_and_stray	20.000	3	16Alp Boo	-0.050000	4250.0	40	19773	No
150	GOM_NL__2PRFIN20051211_114018_000000432043_00180_19773_9204.N1	11-DEC-2005 11:40:18	Twilight	42.500	54	5The Cen	2.0550	4500.0	85	19773	No
151	GOM_NL__2PRFIN20051211_114139_000000402043_00180_19773_9205.N1	11-DEC-2005 11:41:39	Dark	39.500	123	1ot Cen	2.7500	10200.	79	19773	No
152	GOM_NL__2PRFIN20051211_114320_000000372043_00180_19773_9206.N1	11-DEC-2005 11:43:20	Dark	37.000	95	Zet Cen	2.5450	26000.	74	19773	No
153	GOM_NL__2PRFIN20051211_114512_000000382043_00180_19773_9207.N1	11-DEC-2005 11:45:12	Dark	37.500	77	Eps Cen	2.3030	28000.	75	19773	No
154	GOM_NL__2PRFIN20051211_114632_000000472043_00180_19773_9208.N1	11-DEC-2005 11:46:32	Dark	47.000	10	Bet Cen	0.61000	28000.	94	19773	No
155	GOM_NL__2PRFIN20051211_114747_000000392043_00181_19774_9189.N1	11-DEC-2005 11:47:47	Dark	38.500	20	Bet Cru	1.2530	30000.	77	19774	No
156	GOM_NL__2PRFIN20051211_114956_000000372043_00181_19774_9190.N1	11-DEC-2005 11:49:56	Dark	36.500	112	Alp Mus	2.6880	26000.	73	19774	No
157	GOM_NL__2PRFIN20051211_115437_000000382043_00181_19774_9191.N1	11-DEC-2005 11:54:37	Dark	38.000	29	Bet Car	1.6720	10200.	76	19774	No
158	GOM_NL__2PRFIN20051211_120201_000000492043_00181_19774_9192.N1	11-DEC-2005 12:02:01	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	19774	No
159	GOM_NL__2PRFIN20051211_121521_000000452043_00181_19774_9193.N1	11-DEC-2005 12:15:21	Straylight	44.500	165	34Gam Eri	2.9500	3200.0	89	19774	No
160	GOM_NL__2PRFIN20051211_122048_000000412043_00181_19774_9194.N1	11-DEC-2005 12:20:48	Twi_and_stray	41.000	94	92Alp Cet	2.5260	3100.0	82	19774	No



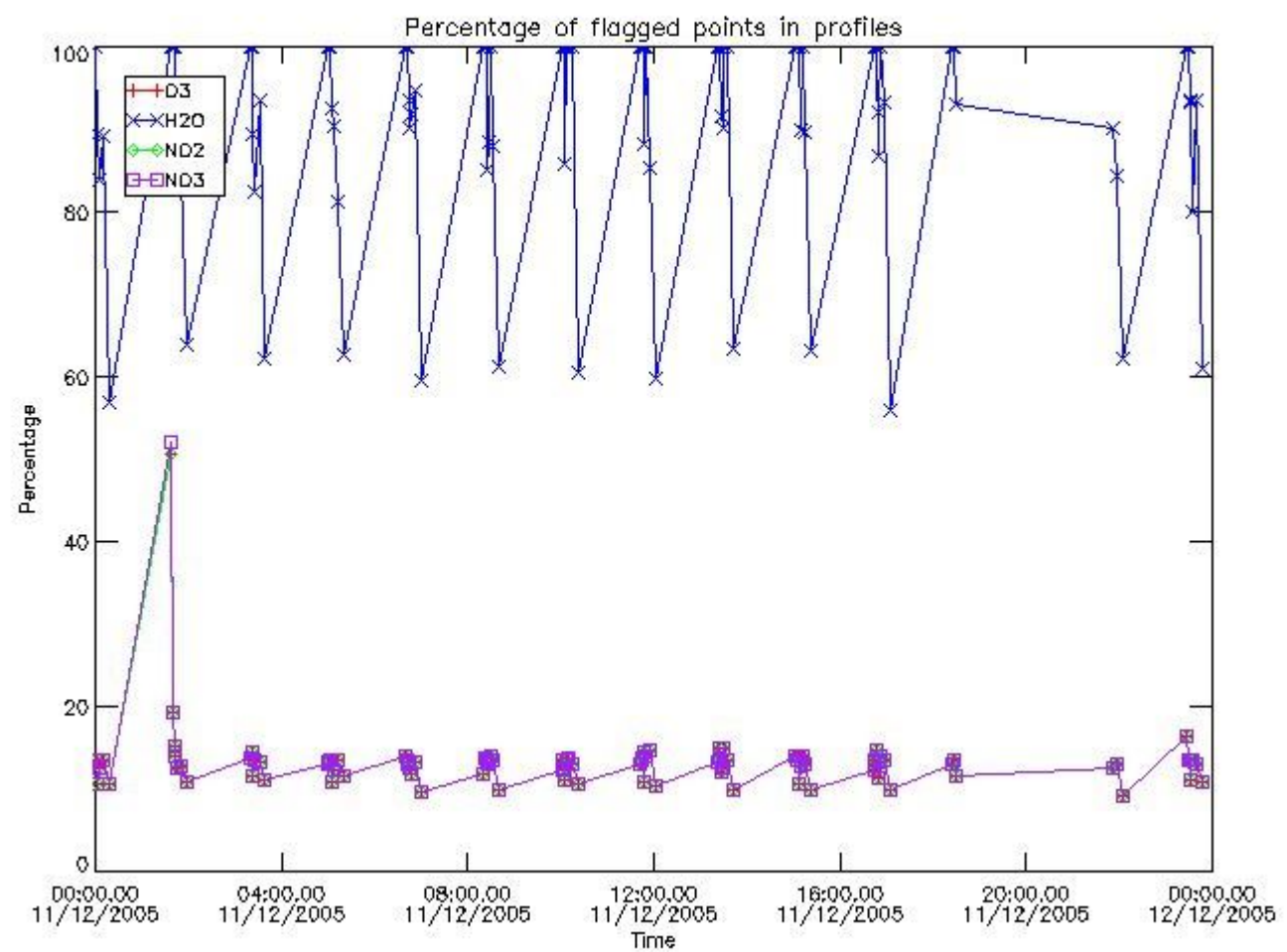
161	GOM_NL__2PRFIN20051211_123034_000000352043_00181_19774_9195.N1	11-DEC-2005 12:30:34	Bright	34.500	149	45Eps Per	2.8880	30000.	69	19774	No
162	GOM_NL__2PRFIN20051211_123243_000000352043_00181_19774_9196.N1	11-DEC-2005 12:32:43	Bright	34.500	175	39Del Per	3.0100	19400.	69	19774	No
163	GOM_NL__2PRFIN20051211_123422_000000352043_00181_19774_9197.N1	11-DEC-2005 12:34:22	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	19774	No
164	GOM_NL__2PRFIN20051211_123720_000000352043_00181_19774_9198.N1	11-DEC-2005 12:37:20	Bright	35.000	110	37Del Cas	2.6780	8900.0	70	19774	No
165	GOM_NL__2PRFIN20051211_124425_000000362043_00181_19774_9199.N1	11-DEC-2005 12:44:25	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19774	No
166	GOM_NL__2PRFIN20051211_124908_000000342043_00181_19774_9200.N1	11-DEC-2005 12:49:08	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	19774	No
167	GOM_NL__2PRFIN20051211_125213_000000352043_00181_19774_9201.N1	11-DEC-2005 12:52:13	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	19774	No
168	GOM_NL__2PRFIN20051211_125935_000000362043_00181_19774_9202.N1	11-DEC-2005 12:59:35	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	19774	No
169	GOM_NL__2PRFIN20051211_130243_000000352043_00181_19774_9203.N1	11-DEC-2005 13:02:43	Bright	34.500	83		2.3780	11000.	69	19774	No
170	GOM_NL__2PRFIN20051211_132054_000000412043_00181_19774_9204.N1	11-DEC-2005 13:20:54	Twilight	41.000	54	5The Cen	2.0550	4500.0	82	19774	No
171	GOM_NL__2PRFIN20051211_132215_000000392043_00181_19774_9205.N1	11-DEC-2005 13:22:15	Dark	38.500	123	lot Cen	2.7500	10200.	77	19774	No
172	GOM_NL__2PRFIN20051211_132357_000000382043_00181_19774_9206.N1	11-DEC-2005 13:23:57	Dark	37.500	95	Zet Cen	2.5450	26000.	75	19774	No
173	GOM_NL__2PRFIN20051211_132548_000000372043_00181_19774_9207.N1	11-DEC-2005 13:25:48	Dark	37.000	77	Eps Cen	2.3030	28000.	74	19774	No
174	GOM_NL__2PRFIN20051211_132709_000000422043_00181_19774_9208.N1	11-DEC-2005 13:27:09	Dark	42.000	10	Bet Cen	0.61000	28000.	84	19774	No
175	GOM_NL__2PRFIN20051211_132824_000000412043_00182_19775_9228.N1	11-DEC-2005 13:28:24	Dark	40.500	20	Bet Cru	1.2530	30000.	81	19775	No
176	GOM_NL__2PRFIN20051211_133033_000000382043_00182_19775_9229.N1	11-DEC-2005 13:30:33	Dark	37.500	112	Alp Mus	2.6880	26000.	75	19775	No
177	GOM_NL__2PRFIN20051211_133513_000000382043_00182_19775_9230.N1	11-DEC-2005 13:35:13	Dark	37.500	29	Bet Car	1.6720	10200.	75	19775	No
178	GOM_NL__2PRFIN20051211_134238_000000512043_00182_19775_9231.N1	11-DEC-2005 13:42:38	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	19775	No
179	GOM_NL__2PRFIN20051211_135558_000000422043_00182_19775_9232.N1	11-DEC-2005 13:55:58	Straylight	42.000	165	34Gam Eri	2.9500	3200.0	84	19775	No
180	GOM_NL__2PRFIN20051211_140124_000000442043_00182_19775_9233.N1	11-DEC-2005 14:01:24	Tw_and_stray	44.000	94	92Alp Cet	2.5260	3100.0	88	19775	No
181	GOM_NL__2PRFIN20051211_141110_000000362043_00182_19775_9234.N1	11-DEC-2005 14:11:10	Bright	35.500	149	45Eps Per	2.8880	30000.	71	19775	No
182	GOM_NL__2PRFIN20051211_141319_000000332043_00182_19775_9235.N1	11-DEC-2005 14:13:19	Bright	33.000	175	39Del Per	3.0100	19400.	66	19775	No
183	GOM_NL__2PRFIN20051211_141458_000000352043_00182_19775_9236.N1	11-DEC-2005 14:14:58	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	19775	No
184	GOM_NL__2PRFIN20051211_141756_000000352043_00182_19775_9237.N1	11-DEC-2005 14:17:56	Bright	35.000	110	37Del Cas	2.6780	8900.0	70	19775	No
185	GOM_NL__2PRFIN20051211_142501_000000352043_00182_19775_9238.N1	11-DEC-2005 14:25:01	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	19775	No
186	GOM_NL__2PRFIN20051211_142944_000000382043_00182_19775_9239.N1	11-DEC-2005 14:29:44	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	19775	No
187	GOM_NL__2PRFIN20051211_143249_000000352043_00182_19775_9240.N1	11-DEC-2005 14:32:49	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	19775	No
188	GOM_NL__2PRFIN20051211_144011_000000362043_00182_19775_9241.N1	11-DEC-2005 14:40:11	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	19775	No
189	GOM_NL__2PRFIN20051211_144319_000000352043_00182_19775_9242.N1	11-DEC-2005 14:43:19	Bright	34.500	83		2.3780	11000.	69	19775	No
190	GOM_NL__2PRFIN20051211_150130_000000442043_00182_19775_9243.N1	11-DEC-2005 15:01:30	Twilight	43.500	54	5The Cen	2.0550	4500.0	87	19775	No
191	GOM_NL__2PRFIN20051211_150252_000000402043_00182_19775_9244.N1	11-DEC-2005 15:02:52	Dark	40.000	123	lot Cen	2.7500	10200.	80	19775	No
192	GOM_NL__2PRFIN20051211_150433_000000382043_00182_19775_9245.N1	11-DEC-2005 15:04:33	Dark	38.000	95	Zet Cen	2.5450	26000.	76	19775	No
193	GOM_NL__2PRFIN20051211_150624_000000372043_00182_19775_9246.N1	11-DEC-2005 15:06:24	Dark	36.500	77	Eps Cen	2.3030	28000.	73	19775	No
194	GOM_NL__2PRFIN20051211_150745_000000482043_00182_19775_9247.N1	11-DEC-2005 15:07:45	Dark	48.000	10	Bet Cen	0.61000	28000.	96	19775	No
195	GOM_NL__2PRFIN20051211_150900_000000402043_00183_19776_9343.N1	11-DEC-2005 15:09:00	Dark	40.000	20	Bet Cru	1.2530	30000.	80	19776	No
196	GOM_NL__2PRFIN20051211_151109_000000372043_00183_19776_9344.N1	11-DEC-2005 15:11:09	Dark	36.500	112	Alp Mus	2.6880	26000.	73	19776	No
197	GOM_NL__2PRFIN20051211_151549_000000392043_00183_19776_9345.N1	11-DEC-2005 15:15:49	Dark	39.000	29	Bet Car	1.6720	10200.	78	19776	No
198	GOM_NL__2PRFIN20051211_152314_000000522043_00183_19776_9346.N1	11-DEC-2005 15:23:14	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	19776	No
199	GOM_NL__2PRFIN20051211_153634_000000482043_00183_19776_9347.N1	11-DEC-2005 15:36:34	Straylight	47.500	165	34Gam Eri	2.9500	3200.0	95	19776	No
200	GOM_NL__2PRFIN20051211_154200_000000462043_00183_19776_9348.N1	11-DEC-2005 15:42:00	Tw_and_stray	45.500	94	92Alp Cet	2.5260	3100.0	91	19776	No
201	GOM_NL__2PRFIN20051211_154713_000000382043_00183_19776_9349.N1	11-DEC-2005 15:47:13	Bright	37.500	146	25Eta Tau	2.8730	15200.	75	19776	No
202	GOM_NL__2PRFIN20051211_154926_000000372043_00183_19776_9350.N1	11-DEC-2005 15:49:26	Bright	37.000	150	44Zet Per	2.8900	28000.	74	19776	No
203	GOM_NL__2PRFIN20051211_155146_000000362043_00183_19776_9351.N1	11-DEC-2005 15:51:46	Bright	36.000	149	45Eps Per	2.8880	30000.	72	19776	No
204	GOM_NL__2PRFIN20051211_155355_000000342043_00183_19776_9352.N1	11-DEC-2005 15:53:55	Bright	34.000	175	39Del Per	3.0100	19400.	68	19776	No
205	GOM_NL__2PRFIN20051211_155534_000000362043_00183_19776_9353.N1	11-DEC-2005 15:55:34	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	19776	No
206	GOM_NL__2PRFIN20051211_155832_000000352043_00183_19776_9354.N1	11-DEC-2005 15:58:32	Bright	35.000	110	37Del Cas	2.6780	8900.0	70	19776	No
207	GOM_NL__2PRFIN20051211_160537_000000352043_00183_19776_9355.N1	11-DEC-2005 16:05:37	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	19776	No
208	GOM_NL__2PRFIN20051211_161020_000000372043_00183_19776_9356.N1	11-DEC-2005 16:10:20	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	19776	No
209	GOM_NL__2PRFIN20051211_161325_000000372043_00183_19776_9357.N1	11-DEC-2005 16:13:25	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	19776	No
210	GOM_NL__2PRFIN20051211_162047_000000372043_00183_19776_9358.N1	11-DEC-2005 16:20:47	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	19776	No
211	GOM_NL__2PRFIN20051211_162355_000000352043_00183_19776_9359.N1	11-DEC-2005 16:23:55	Bright	34.500	83		2.3780	11000.	69	19776	No
212	GOM_NL__2PRFIN20051211_164207_000000442043_00183_19776_9360.N1	11-DEC-2005 16:42:07	Twilight	44.000	54	5The Cen	2.0550	4500.0	88	19776	No
213	GOM_NL__2PRFIN20051211_164328_000000422043_00183_19776_9361.N1	11-DEC-2005 16:43:28	Dark	41.500	123	lot Cen	2.7500	10200.	83	19776	No
214	GOM_NL__2PRFIN20051211_164509_000000382043_00183_19776_9362.N1	11-DEC-2005 16:45:09	Dark	38.000	95	Zet Cen	2.5450	26000.	76	19776	No
215	GOM_NL__2PRFIN20051211_164701_000000382043_00183_19776_9363.N1	11-DEC-2005 16:47:01	Dark	38.000	77	Eps Cen	2.3030	28000.	76	19776	No
216	GOM_NL__2PRFIN20051211_164821_000000392043_00183_19776_9364.N1	11-DEC-2005 16:48:21	Dark	38.500	10	Bet Cen	0.61000	28000.	77	19776	No
217	GOM_NL__2PRFIN20051211_164936_000000452043_00184_19777_9344.N1	11-DEC-2005 16:49:36	Dark	45.000	20	Bet Cru	1.2530	30000.	90	19777	No
218	GOM_NL__2PRFIN20051211_165145_000000372043_00184_19777_9345.N1	11-DEC-2005 16:51:45	Dark	36.500	112	Alp Mus	2.6880	26000.	73	19777	No
219	GOM_NL__2PRFIN20051211_165626_000000382043_00184_19777_9346.N1	11-DEC-2005 16:56:26	Dark	38.000	29	Bet Car	1.6720	10200.	76	19777	No

220	GOM_NL__2PRFIN20051211_170351_000000522043_00184_19777_9347.N1	11-DEC-2005 17:03:51	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	19777	No
221	GOM_NL__2PRFIN20051211_171710_000000422043_00184_19777_9348.N1	11-DEC-2005 17:17:10	Straylight	42.000	165	34Gam Eri	2.9500	3200.0	84	19777	No
222	GOM_NL__2PRFIN20051211_172236_000000442043_00184_19777_9349.N1	11-DEC-2005 17:22:36	Twilight	44.000	94	92Alp Cet	2.5260	3100.0	88	19777	No
223	GOM_NL__2PRFIN20051211_172750_000000362043_00184_19777_9350.N1	11-DEC-2005 17:27:50	Bright	36.000	146	25Eta Tau	2.8730	15200.	72	19777	No
224	GOM_NL__2PRFIN20051211_173002_000000362043_00184_19777_9351.N1	11-DEC-2005 17:30:02	Bright	35.500	150	44Zet Per	2.8900	28000.	71	19777	No
225	GOM_NL__2PRFIN20051211_173222_000000362043_00184_19777_9352.N1	11-DEC-2005 17:32:22	Bright	35.500	149	45Eps Per	2.8880	30000.	71	19777	No
226	GOM_NL__2PRFIN20051211_173431_000000342043_00184_19777_9353.N1	11-DEC-2005 17:34:31	Bright	34.000	175	39Del Per	3.0100	19400.	68	19777	No
227	GOM_NL__2PRFIN20051211_173610_000000362043_00184_19777_9354.N1	11-DEC-2005 17:36:10	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	19777	No
228	GOM_NL__2PRFIN20051211_173908_000000362043_00184_19777_9355.N1	11-DEC-2005 17:39:08	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	19777	No
229	GOM_NL__2PRFIN20051211_174613_000000362043_00184_19777_9356.N1	11-DEC-2005 17:46:13	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19777	No
230	GOM_NL__2PRFIN20051211_175056_000000382043_00184_19777_9357.N1	11-DEC-2005 17:50:56	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	19777	No
231	GOM_NL__2PRFIN20051211_175401_000000342043_00184_19777_9358.N1	11-DEC-2005 17:54:01	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	19777	No
232	GOM_NL__2PRFIN20051211_180123_000000352043_00184_19777_9359.N1	11-DEC-2005 18:01:23	Bright	34.500	180	27Gam Boo	3.0400	8000.0	69	19777	No
233	GOM_NL__2PRFIN20051211_180431_000000342043_00184_19777_9360.N1	11-DEC-2005 18:04:31	Bright	34.000	83		2.3780	11000.	68	19777	No
234	GOM_NL__2PRFIN20051211_182243_000000412043_00184_19777_9361.N1	11-DEC-2005 18:22:43	Twilight	41.000	54	5The Cen	2.0550	4500.0	82	19777	No
235	GOM_NL__2PRFIN20051211_182405_000000392043_00184_19777_9362.N1	11-DEC-2005 18:24:05	Dark	39.000	123	1ot Cen	2.7500	10200.	78	19777	No
236	GOM_NL__2PRFIN20051211_182545_000000382043_00184_19777_9363.N1	11-DEC-2005 18:25:45	Dark	37.500	95	Zet Cen	2.5450	26000.	75	19777	No
237	GOM_NL__2PRFIN20051211_182737_000000382043_00184_19777_9364.N1	11-DEC-2005 18:27:37	Dark	38.000	77	Eps Cen	2.3030	28000.	76	19777	No
238	GOM_NL__2PRFIN20051211_182857_000000442043_00184_19777_9365.N1	11-DEC-2005 18:28:57	Dark	44.000	10	Bet Cen	0.61000	28000.	88	19777	No
239	GOM_NL__2PRFIN20051211_215236_000000412043_00187_19780_9351.N1	11-DEC-2005 21:52:36	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	19780	No
240	GOM_NL__2PRFIN20051211_215815_000000392043_00187_19780_9352.N1	11-DEC-2005 21:58:15	Dark	39.000	29	Bet Car	1.6720	10200.	78	19780	No
241	GOM_NL__2PRFIN20051211_220540_000000562043_00187_19780_9353.N1	11-DEC-2005 22:05:40	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	19780	No
242	GOM_NL__2PRFIN20051211_221858_000000422043_00187_19780_9354.N1	11-DEC-2005 22:18:58	Straylight	41.500	165	34Gam Eri	2.9500	3200.0	83	19780	No
243	GOM_NL__2PRFIN20051211_222425_000000432043_00187_19780_9355.N1	11-DEC-2005 22:24:25	Twilight	42.500	94	92Alp Cet	2.5260	3100.0	85	19780	No
244	GOM_NL__2PRFIN20051211_222937_000000362043_00187_19780_9356.N1	11-DEC-2005 22:29:37	Bright	35.500	146	25Eta Tau	2.8730	15200.	71	19780	No
245	GOM_NL__2PRFIN20051211_223150_000000362043_00187_19780_9357.N1	11-DEC-2005 22:31:50	Bright	36.000	150	44Zet Per	2.8900	28000.	72	19780	No
246	GOM_NL__2PRFIN20051211_223409_000000352043_00187_19780_9358.N1	11-DEC-2005 22:34:09	Bright	35.000	149	45Eps Per	2.8880	30000.	70	19780	No
247	GOM_NL__2PRFIN20051211_223619_000000522043_00187_19780_9359.N1	11-DEC-2005 22:36:19	Bright	52.000	175	39Del Per	3.0100	19400.	104	19780	No
248	GOM_NL__2PRFIN20051211_223758_000000352043_00187_19780_9360.N1	11-DEC-2005 22:37:58	Bright	35.000	160	23Gam Per	2.9300	4700.0	70	19780	No
249	GOM_NL__2PRFIN20051211_224057_000000352043_00187_19780_9361.N1	11-DEC-2005 22:40:57	Bright	35.000	110	37Del Cas	2.6780	8900.0	70	19780	No
250	GOM_NL__2PRFIN20051211_224801_000000362043_00187_19780_9362.N1	11-DEC-2005 22:48:01	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	19780	No
251	GOM_NL__2PRFIN20051211_225244_000000372043_00187_19780_9363.N1	11-DEC-2005 22:52:44	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	19780	No
252	GOM_NL__2PRFIN20051211_225549_000000352043_00187_19780_9364.N1	11-DEC-2005 22:55:49	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	19780	No
253	GOM_NL__2PRFIN20051211_230311_000000342043_00187_19780_9365.N1	11-DEC-2005 23:03:11	Bright	34.000	180	27Gam Boo	3.0400	8000.0	68	19780	No
254	GOM_NL__2PRFIN20051211_230619_000000352043_00187_19780_9366.N1	11-DEC-2005 23:06:19	Bright	34.500	83		2.3780	11000.	69	19780	No
255	GOM_NL__2PRFIN20051211_232432_000000412043_00187_19780_9367.N1	11-DEC-2005 23:24:32	Twilight	40.500	54	5The Cen	2.0550	4500.0	81	19780	No
256	GOM_NL__2PRFIN20051211_232734_000000382043_00187_19780_9368.N1	11-DEC-2005 23:27:34	Dark	37.500	95	Zet Cen	2.5450	26000.	75	19780	No
257	GOM_NL__2PRFIN20051211_232926_000000382043_00187_19780_9369.N1	11-DEC-2005 23:29:26	Dark	37.500	77	Eps Cen	2.3030	28000.	75	19780	No
258	GOM_NL__2PRFIN20051211_233045_000000462043_00187_19780_9370.N1	11-DEC-2005 23:30:45	Dark	46.000	10	Bet Cen	0.61000	28000.	92	19780	No
259	GOM_NL__2PRFIN20051211_233202_000000382043_00188_19781_9353.N1	11-DEC-2005 23:32:02	Dark	38.000	20	Bet Cru	1.2530	30000.	76	19781	No
260	GOM_NL__2PRFIN20051211_233313_000000382043_00188_19781_9354.N1	11-DEC-2005 23:33:13	Dark	38.000	12	Alp1Cru	0.77500	30000.	76	19781	No
261	GOM_NL__2PRFIN20051211_233851_000000402043_00188_19781_9355.N1	11-DEC-2005 23:38:51	Dark	39.500	29	Bet Car	1.6720	10200.	79	19781	No
262	GOM_NL__2PRFIN20051211_234616_000000472043_00188_19781_9356.N1	11-DEC-2005 23:46:16	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	19781	No
263	GOM_NL__2PRFIN20051211_235934_000000422043_00188_19781_9357.N1	11-DEC-2005 23:59:34	Straylight	42.000	165	34Gam Eri	2.9500	3200.0	84	19781	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.

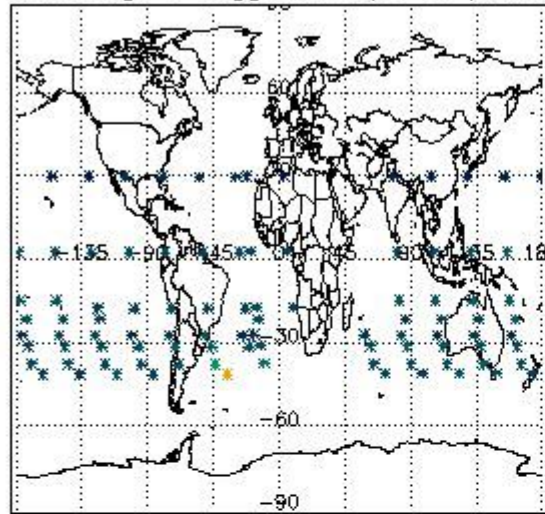
#### 3.1 Plot quality information per product (time dependant)



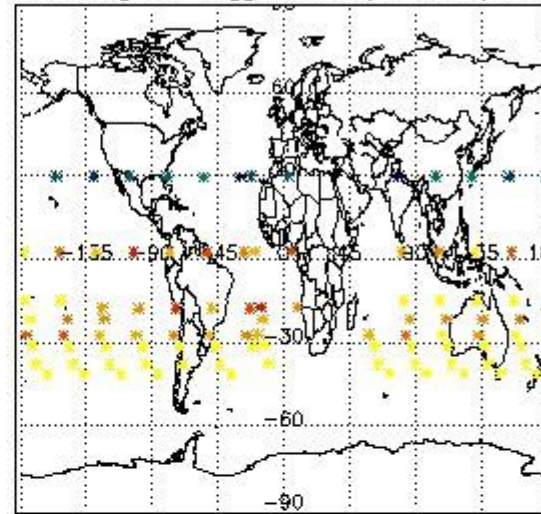
*3.2 Plot quality information per product (world map)*



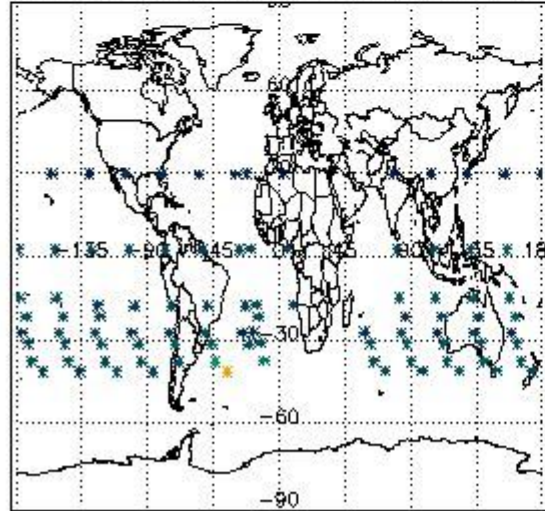
Percentage of flagged data per O3 profile



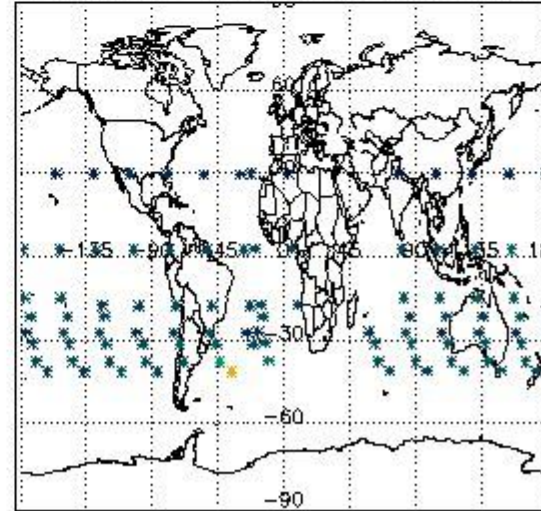
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



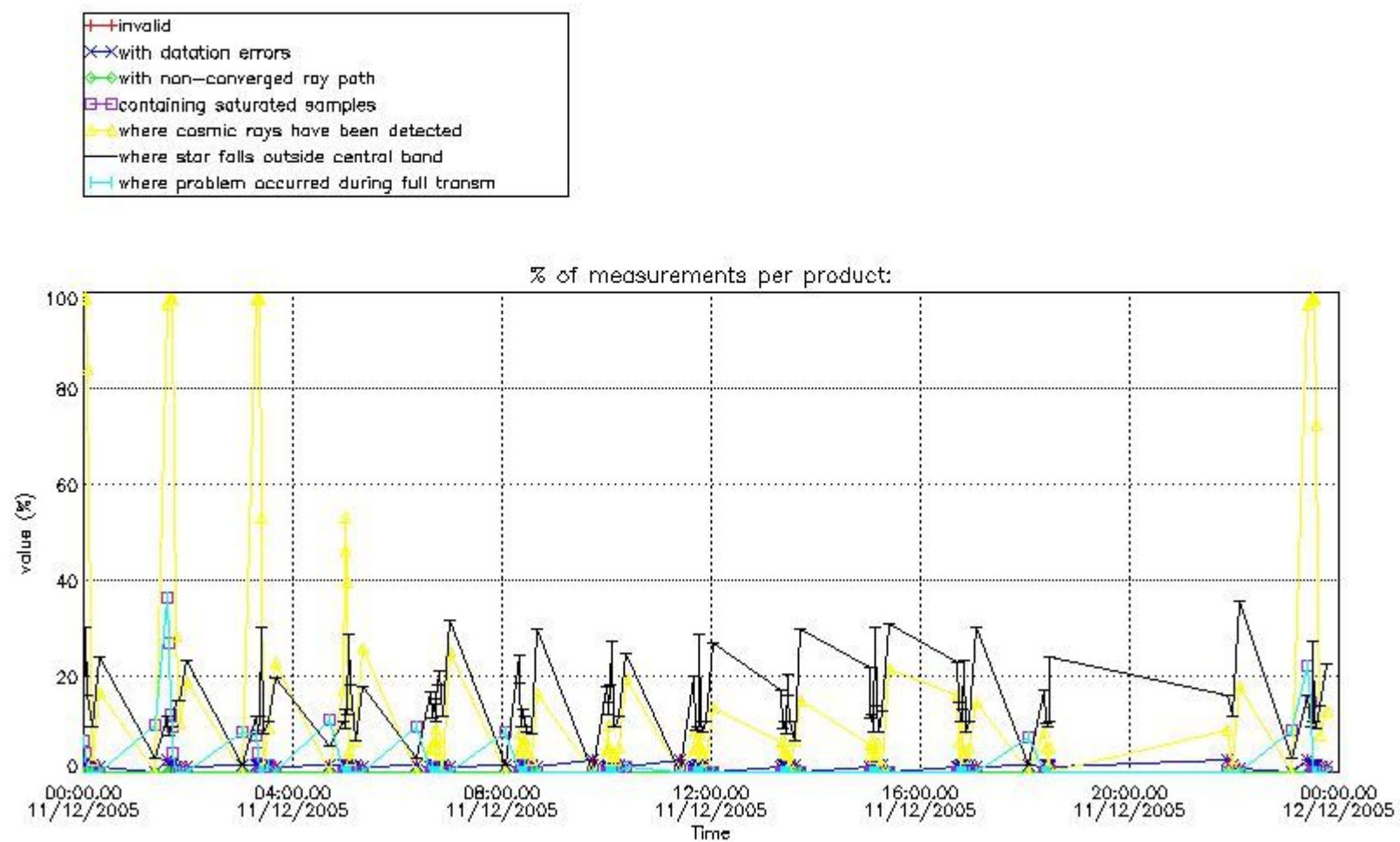
#### 4. Level 1 quality information per product

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.

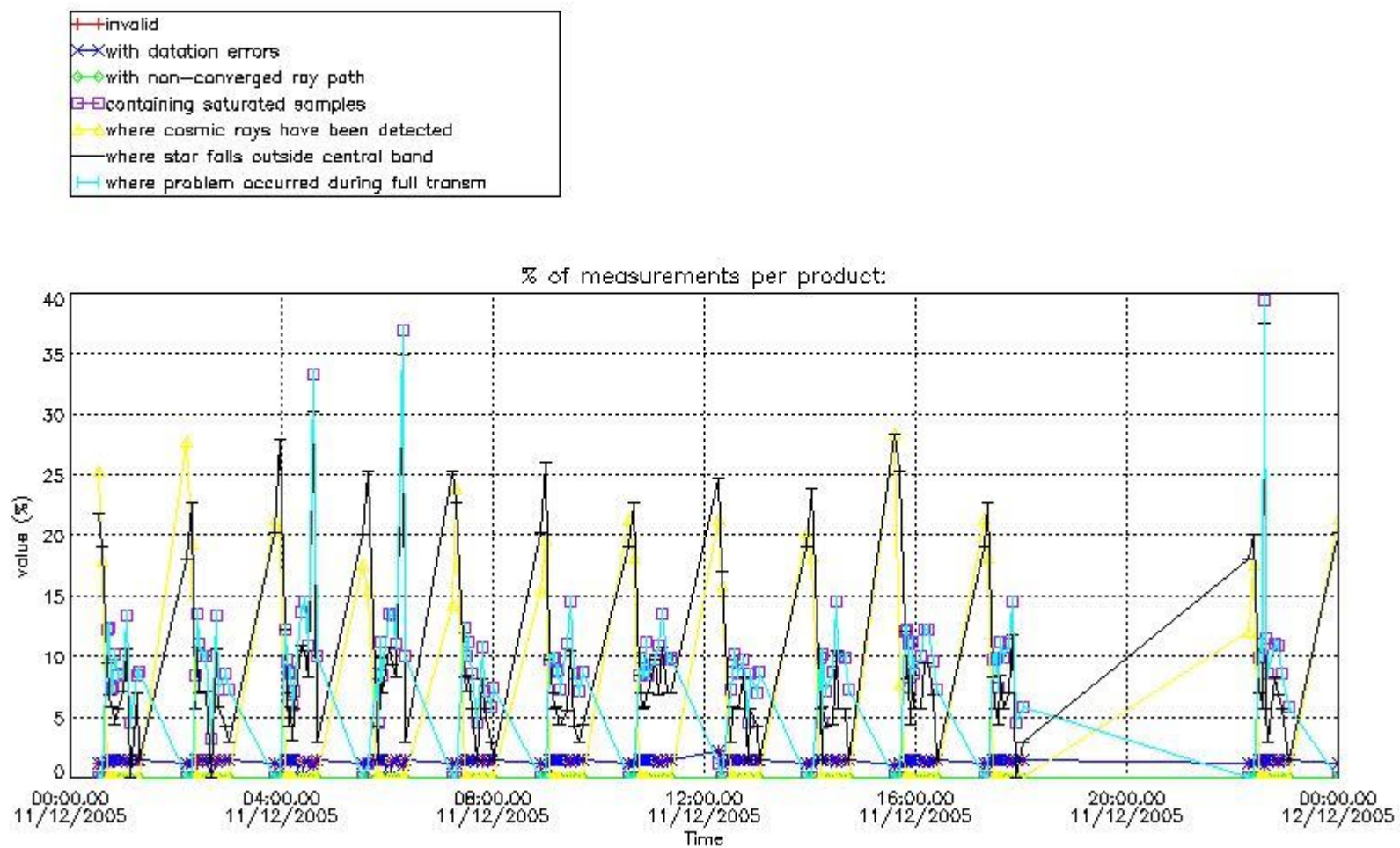
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





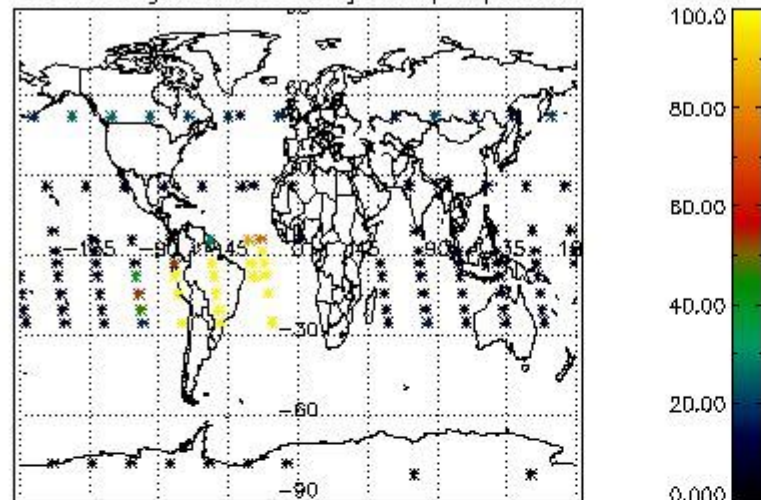
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



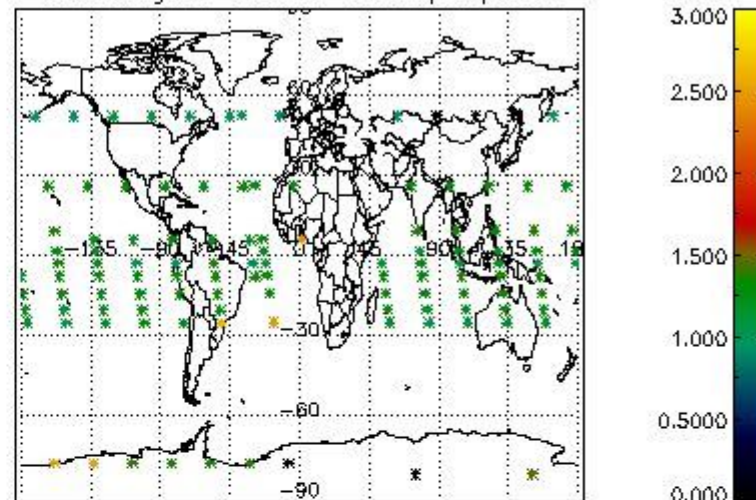
4.2 Plot quality information per product coming from level 1b processing (world map)

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

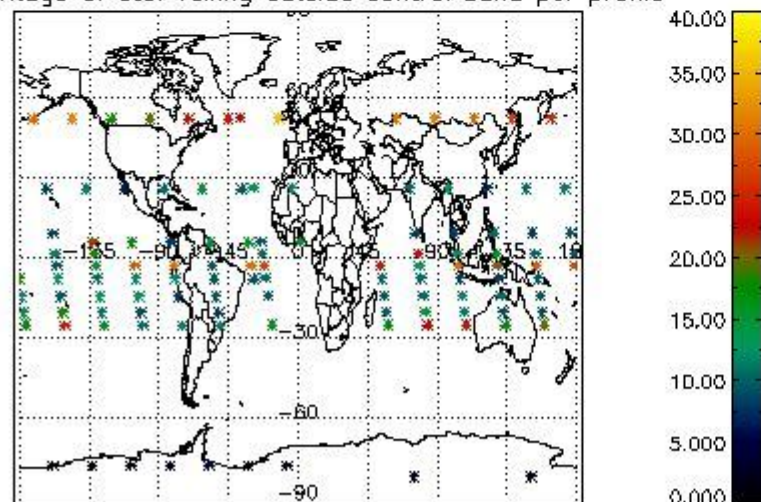
Percentage of cosmic ray hits per profile



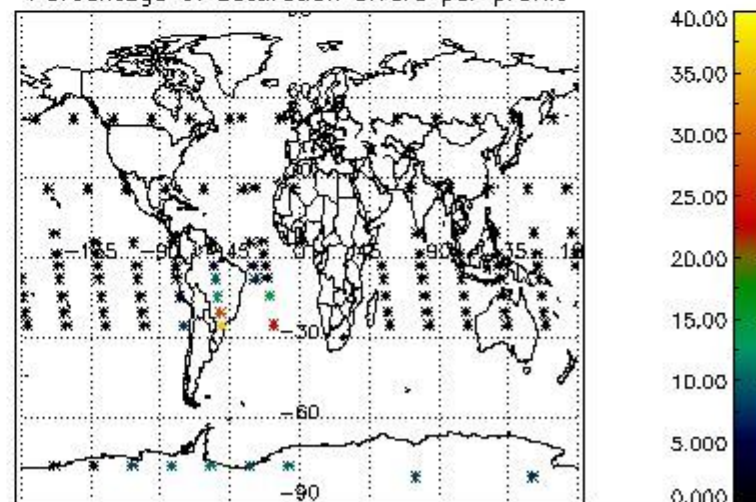
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

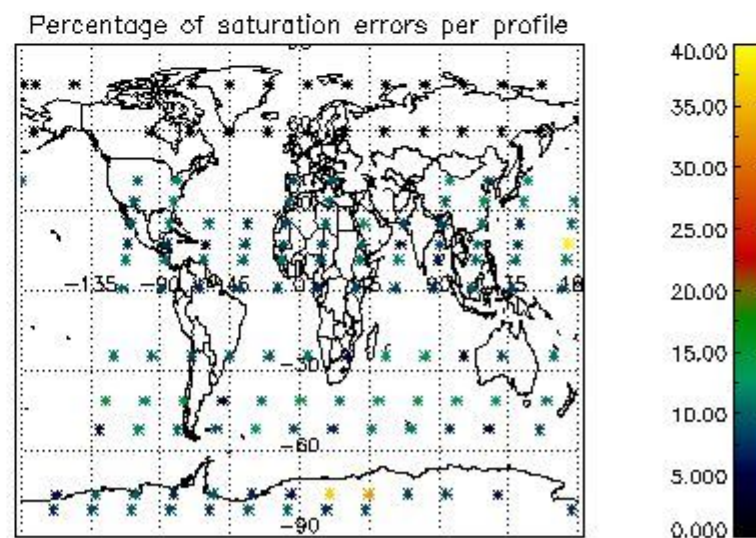
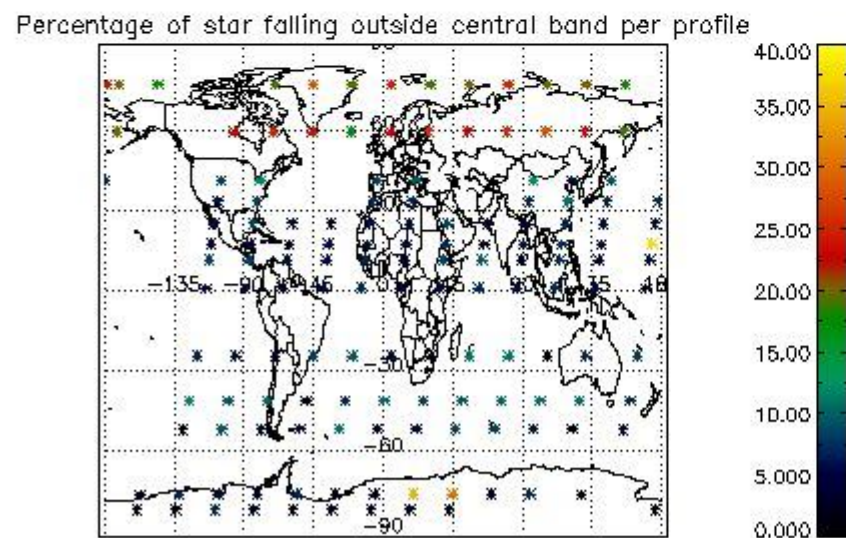
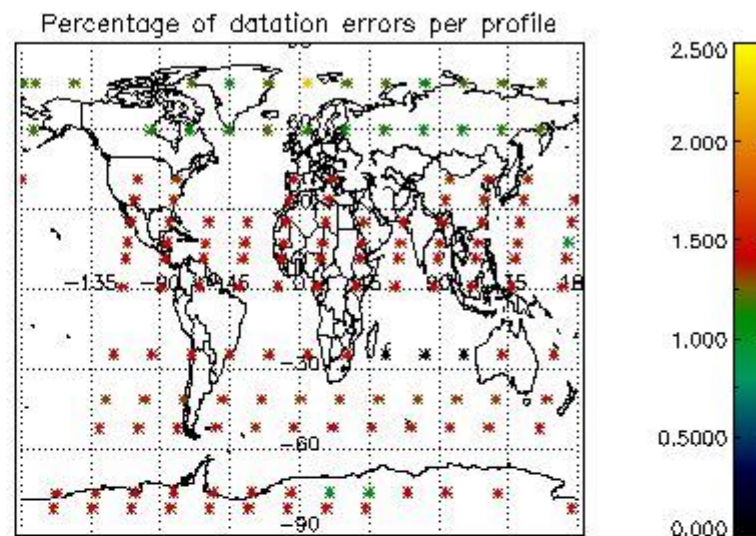
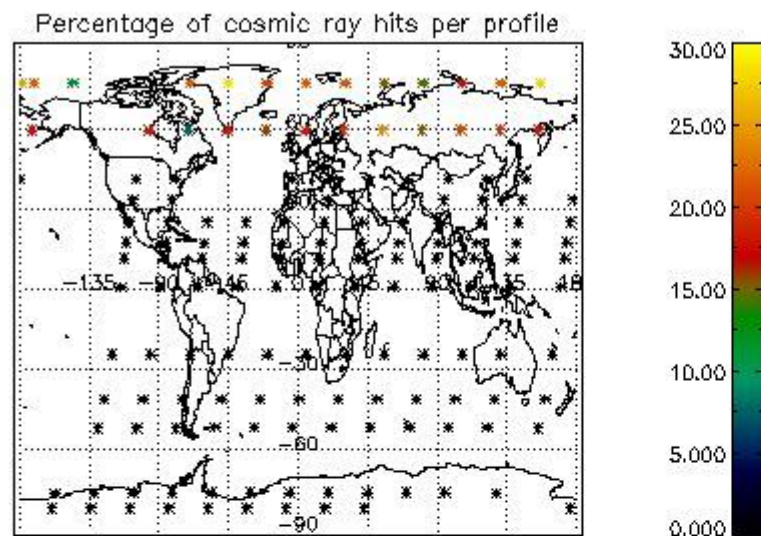


Percentage of saturation errors per profile



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.

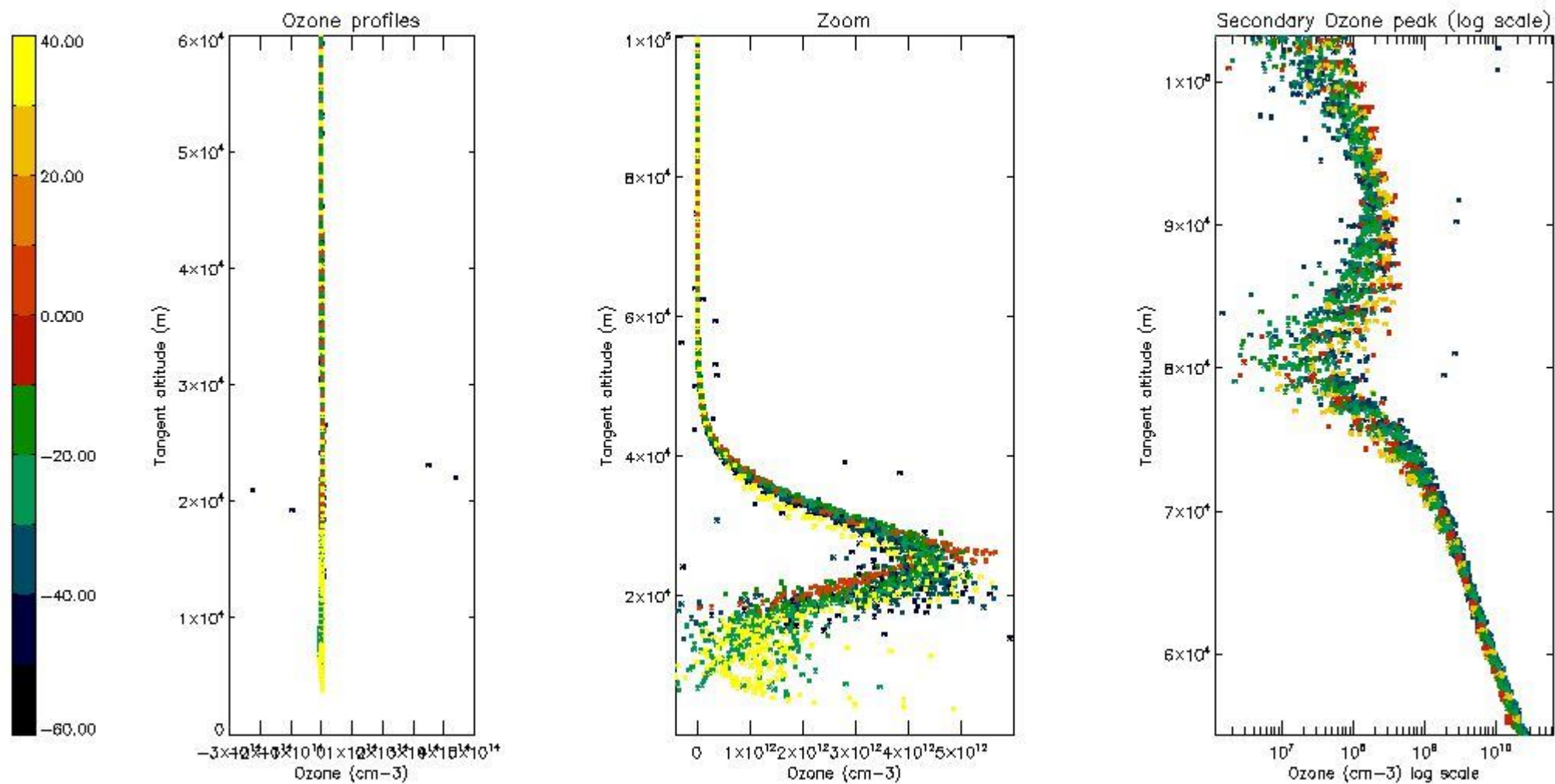
Criteria	% of total production
All STD	39
STD < 20	26



STD < 10	23
STD < 5	16

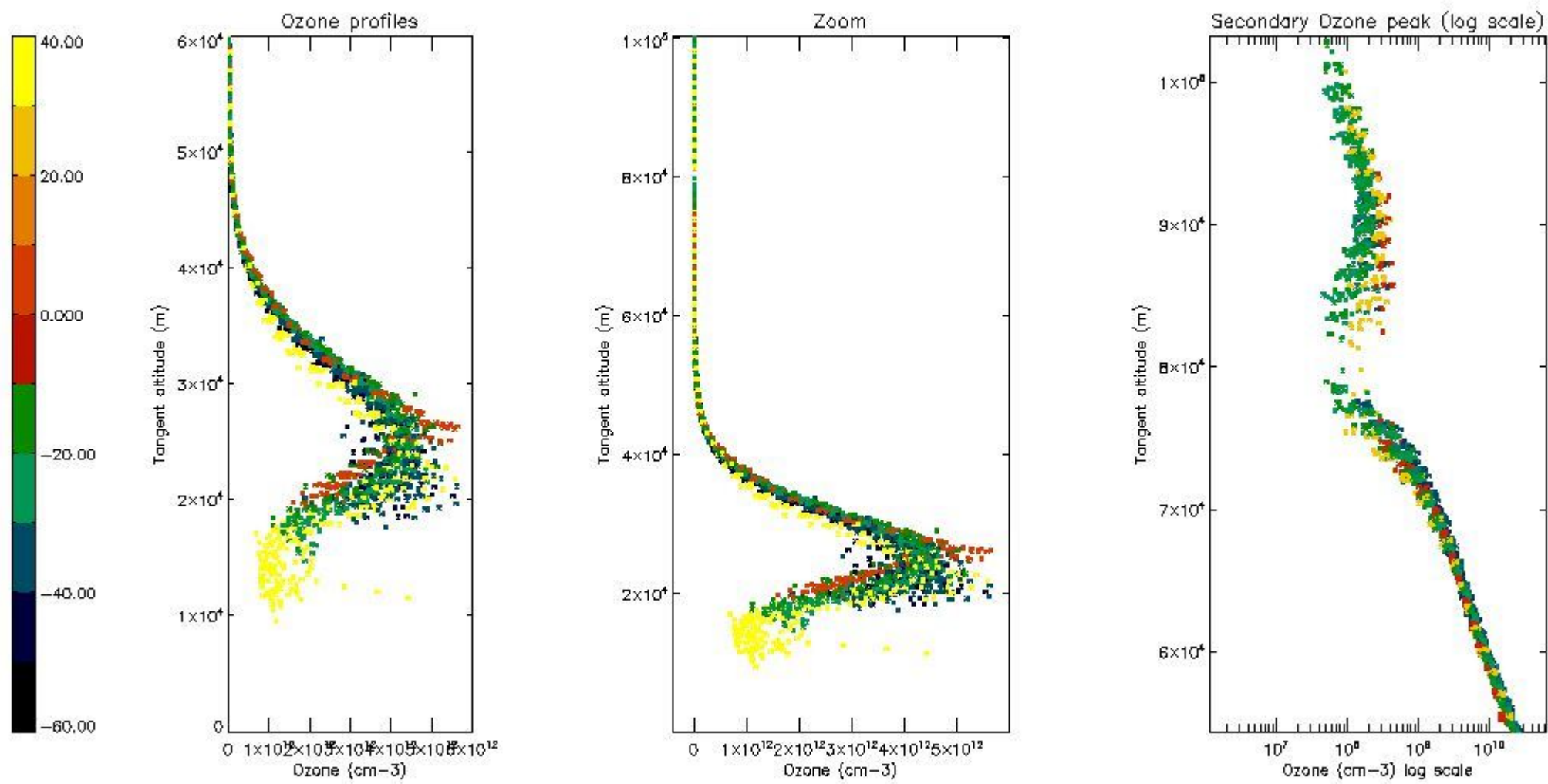
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



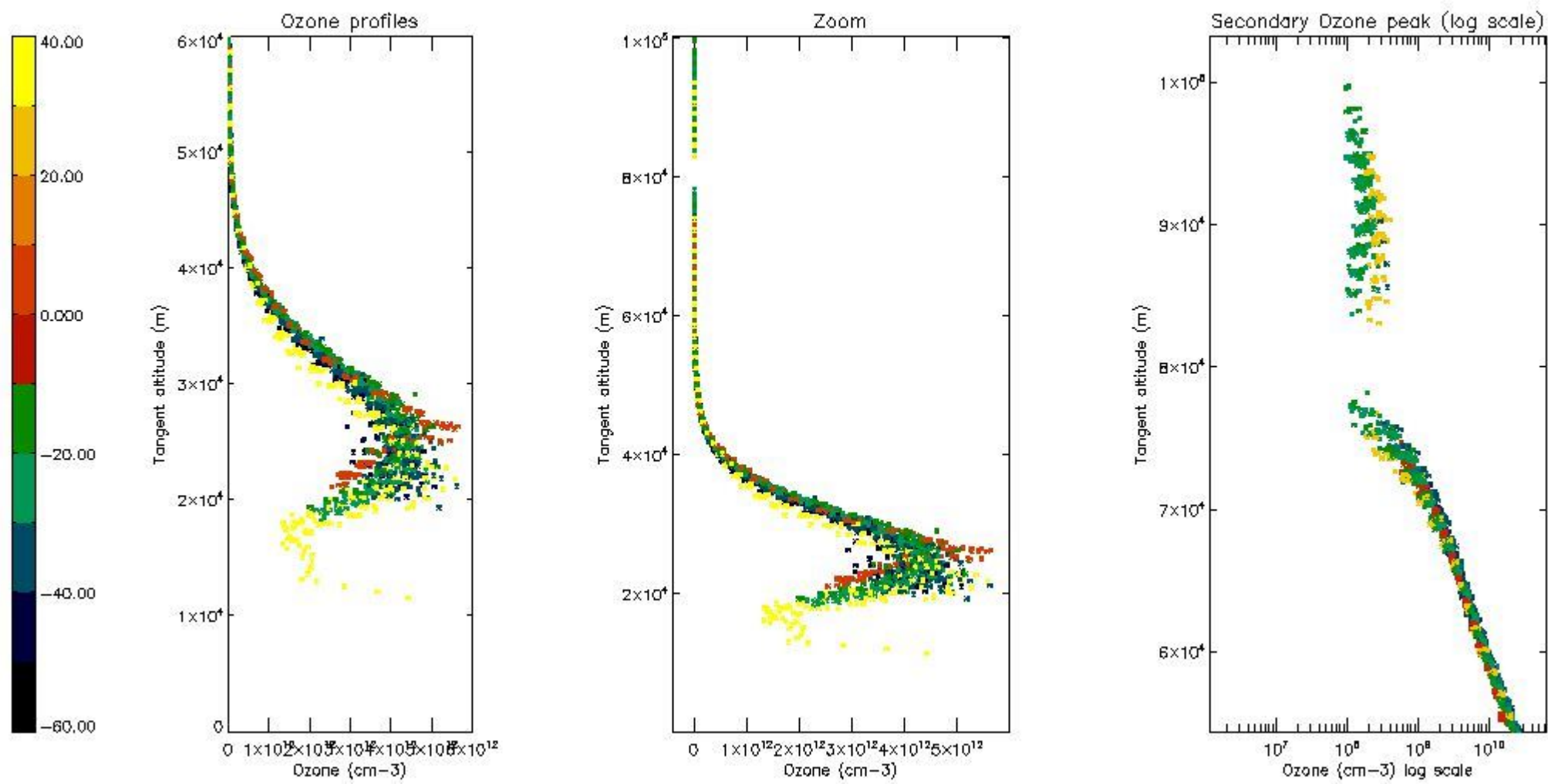
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



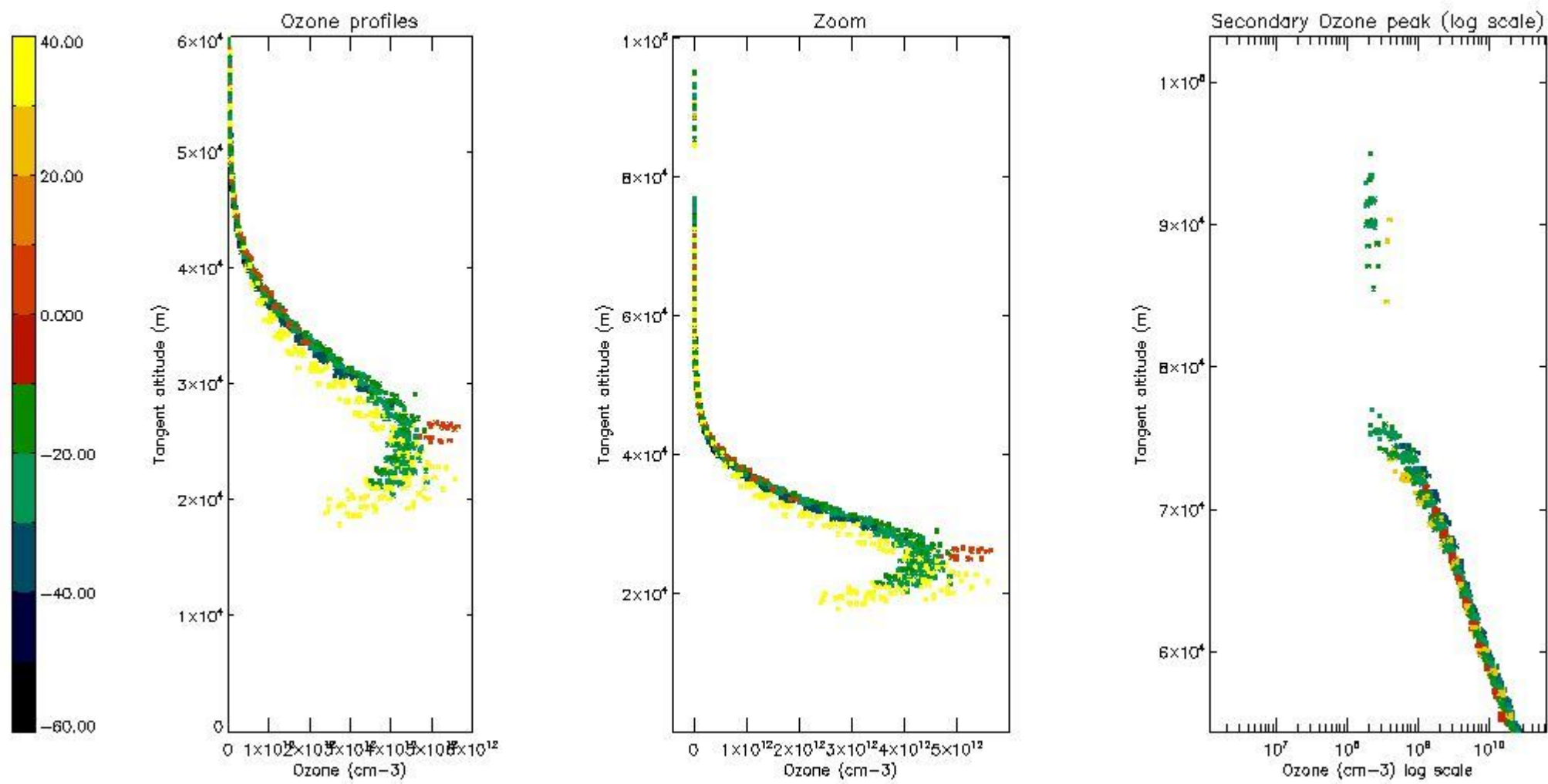
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



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

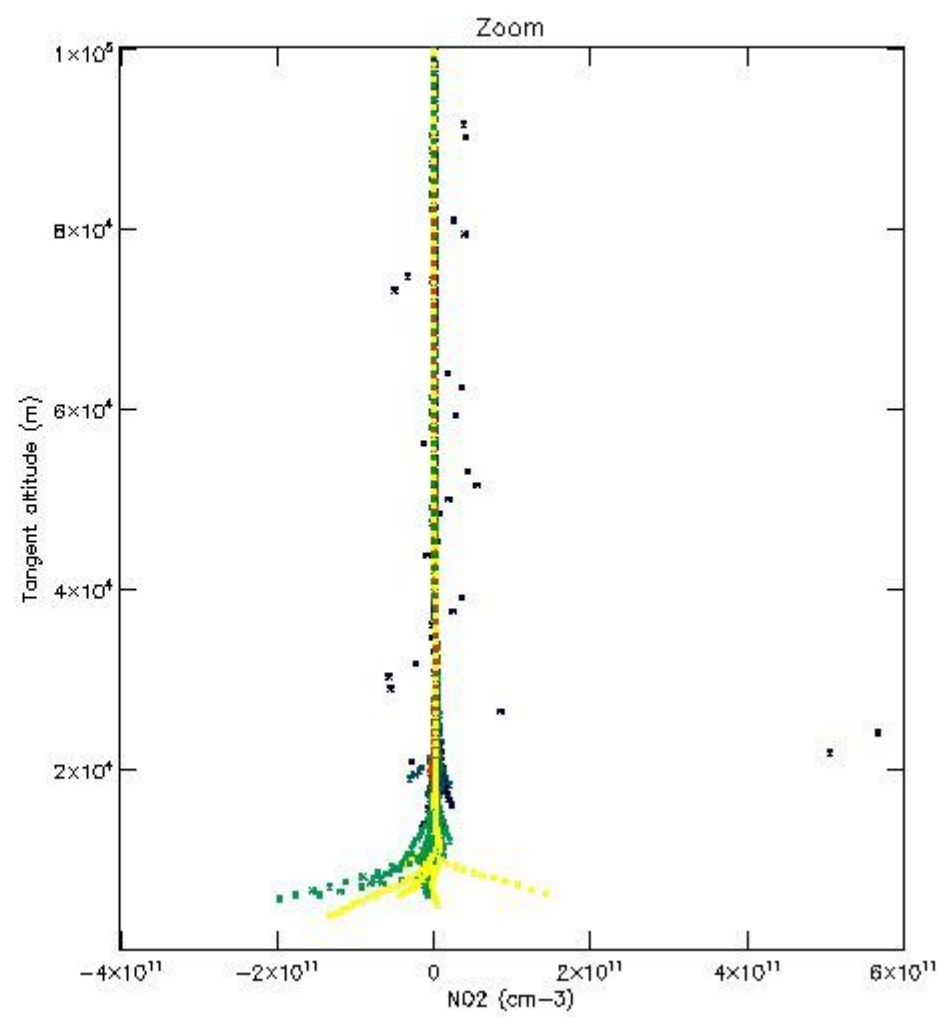
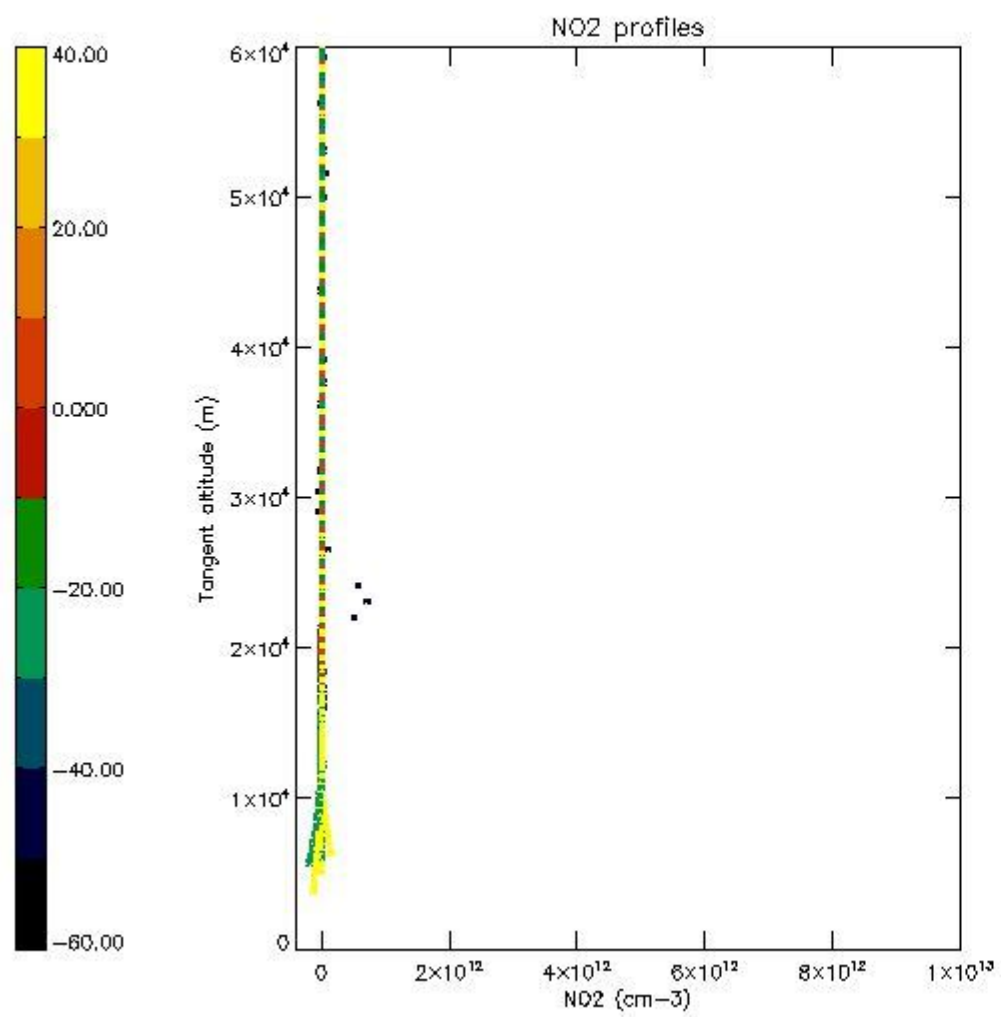
The colorbar represents the latitude.



*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

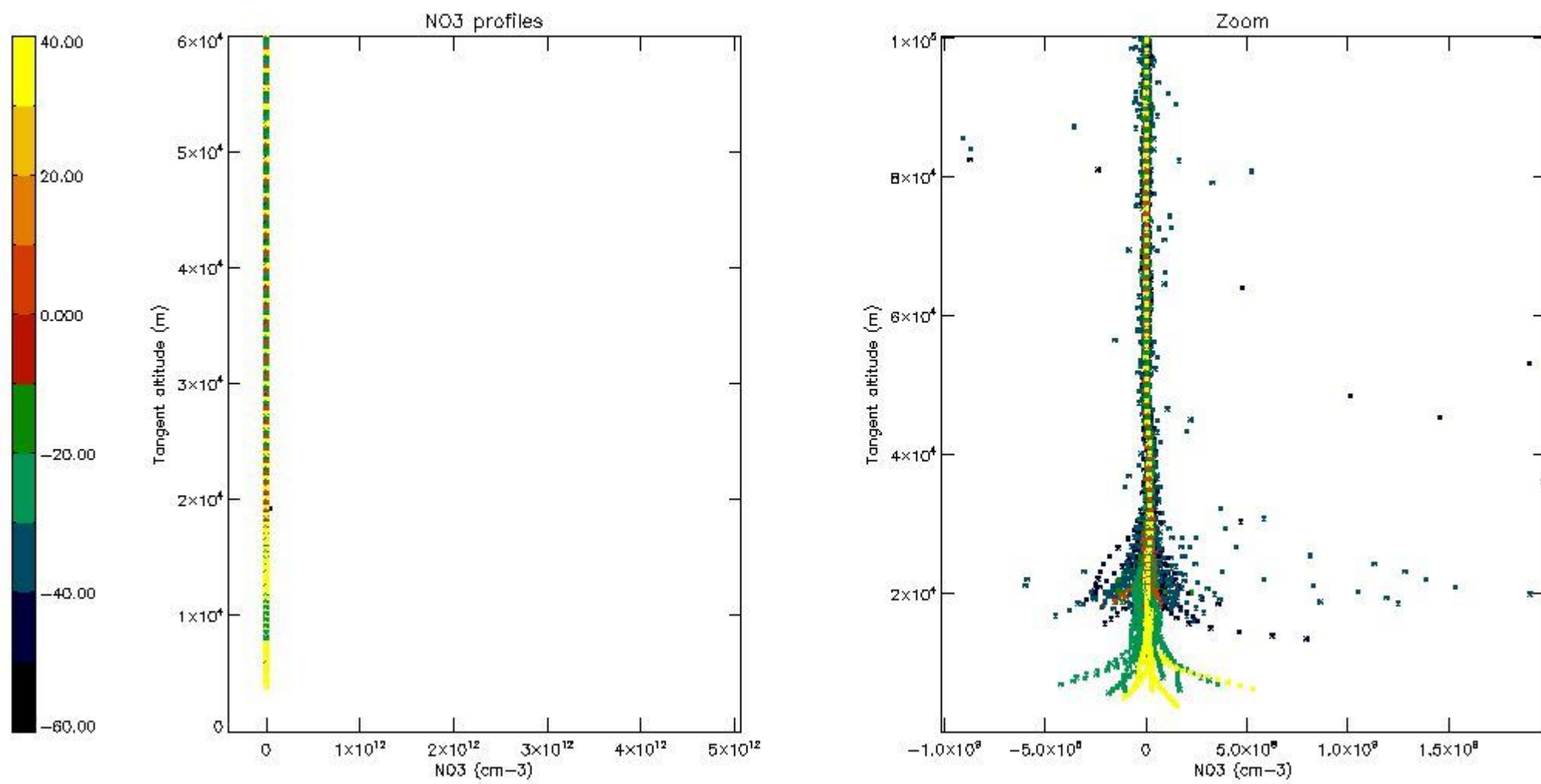
The colorbar represents the latitude.





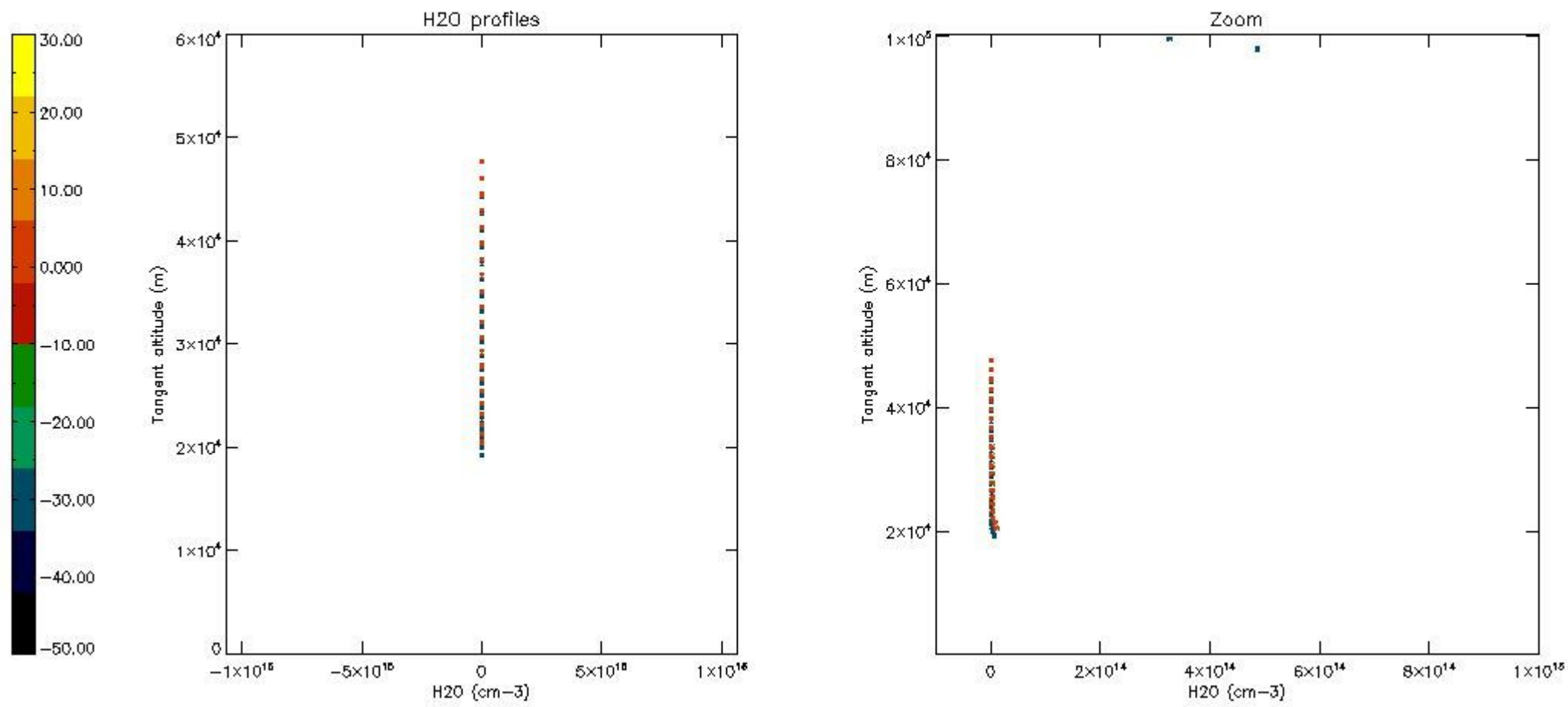
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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)*

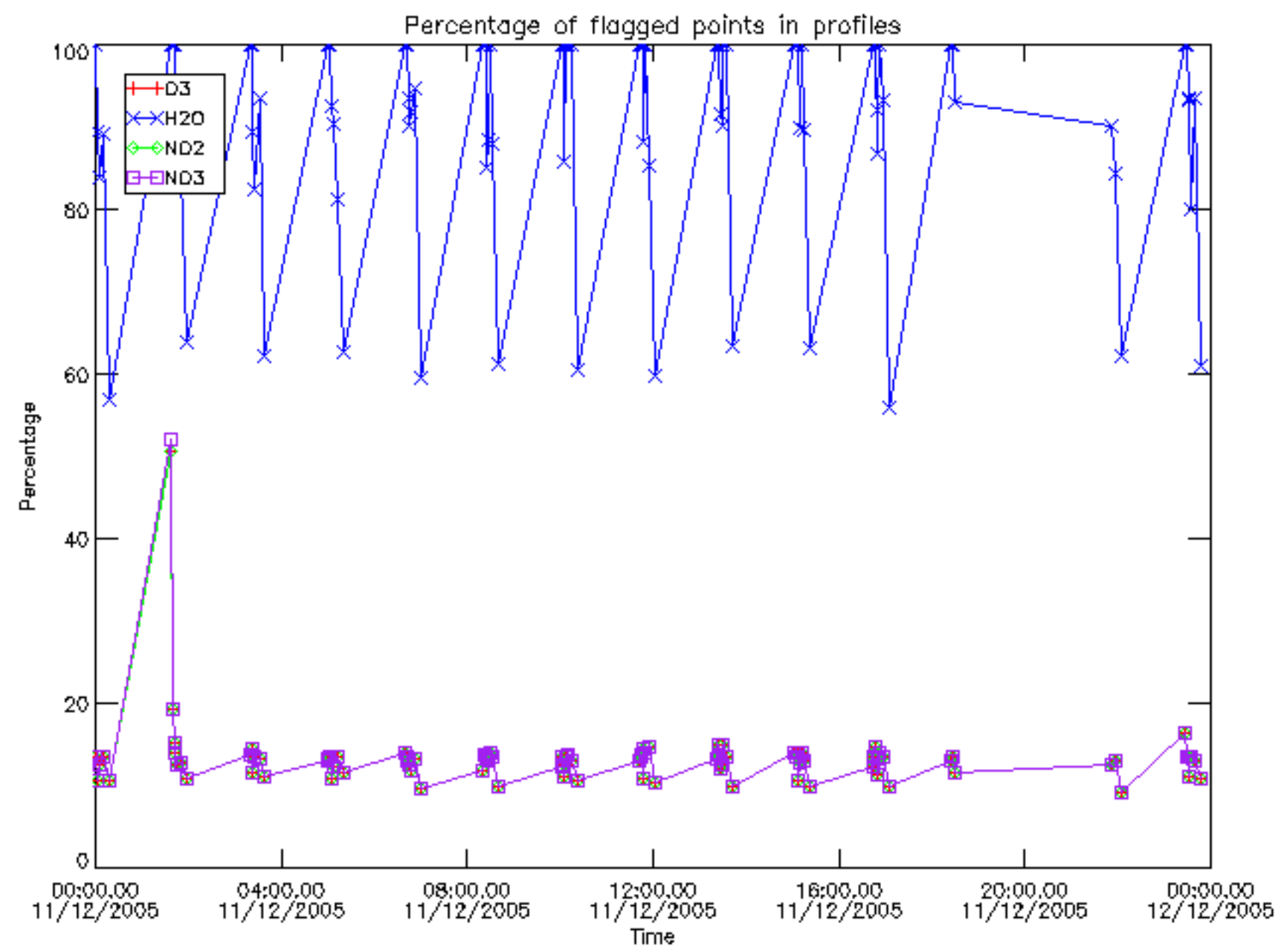
The colorbar represents the latitude.



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

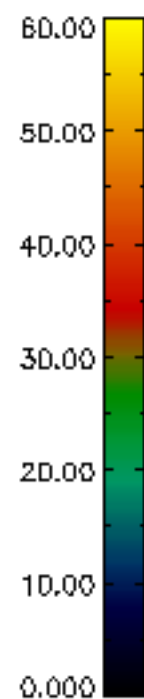
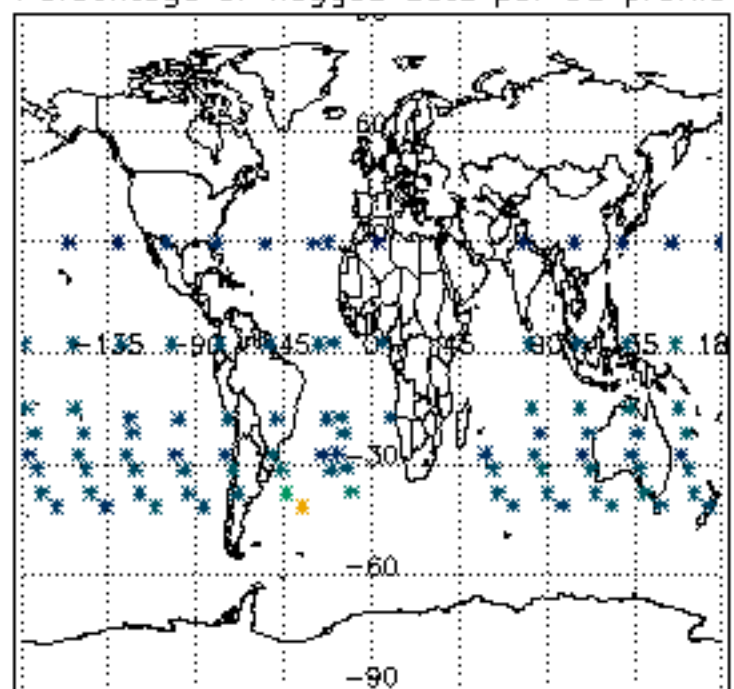
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	11-DEC-2005 00:00:58
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-DEC-2005 00:00:58
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-DEC-2005 00:00:58

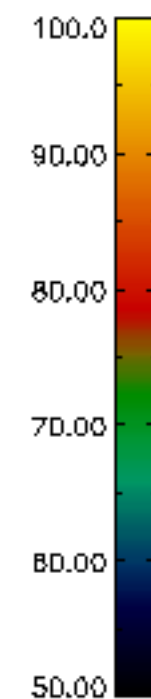
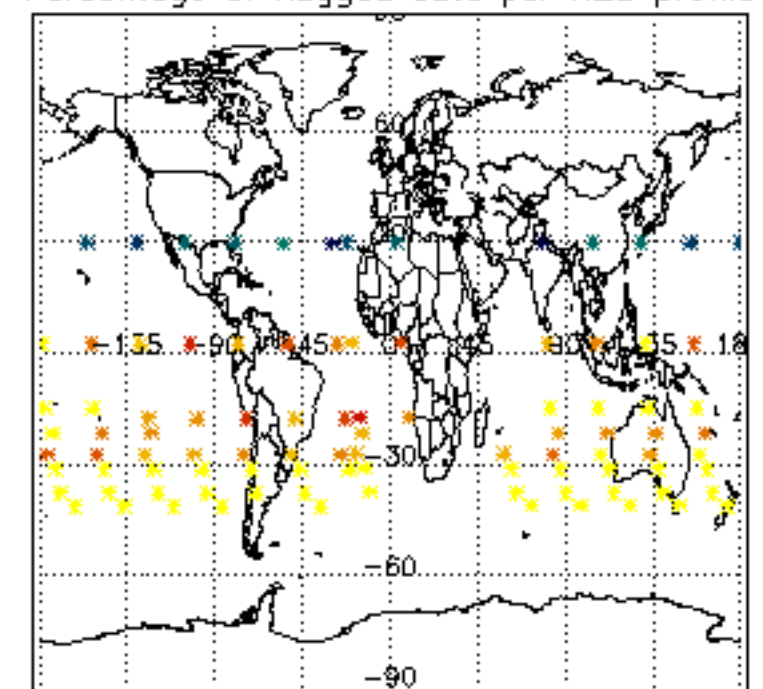




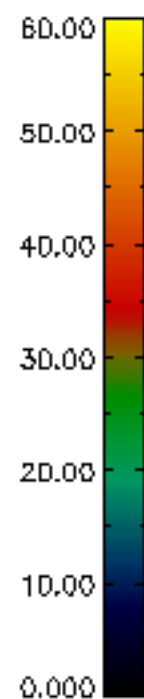
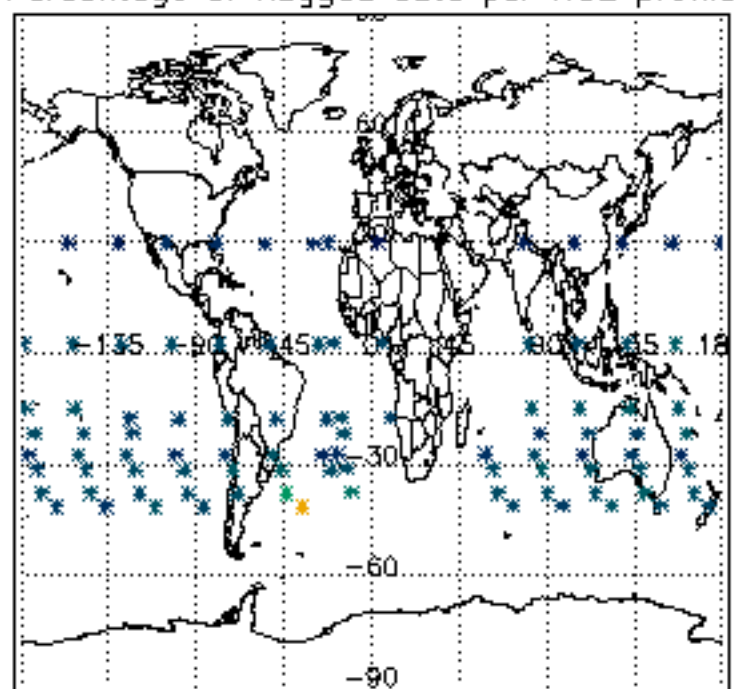
Percentage of flagged data per D3 profile



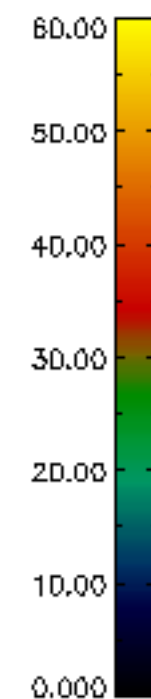
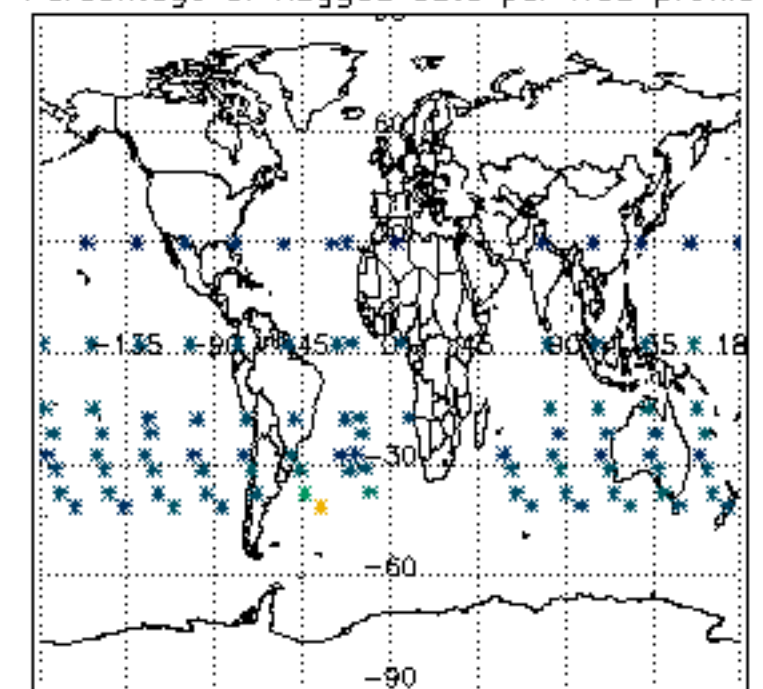
Percentage of flagged data per H2O profile

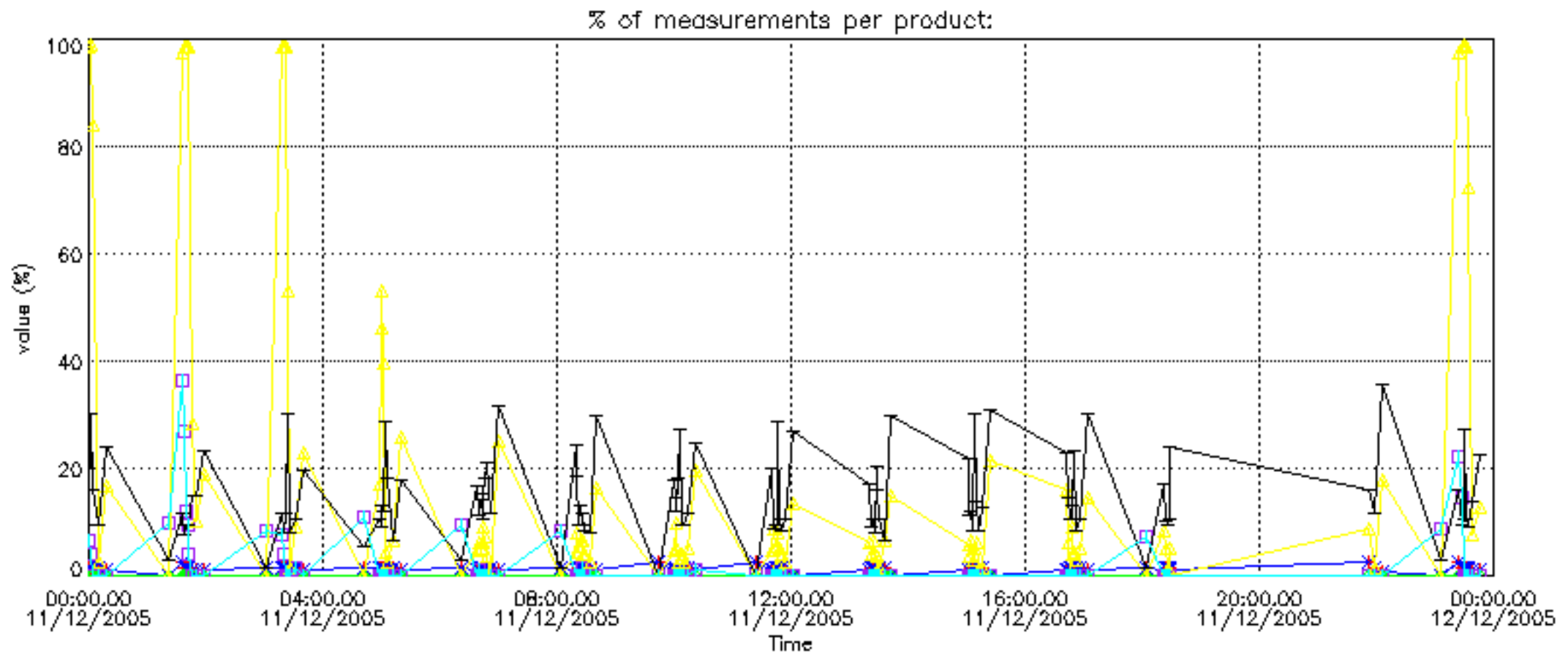


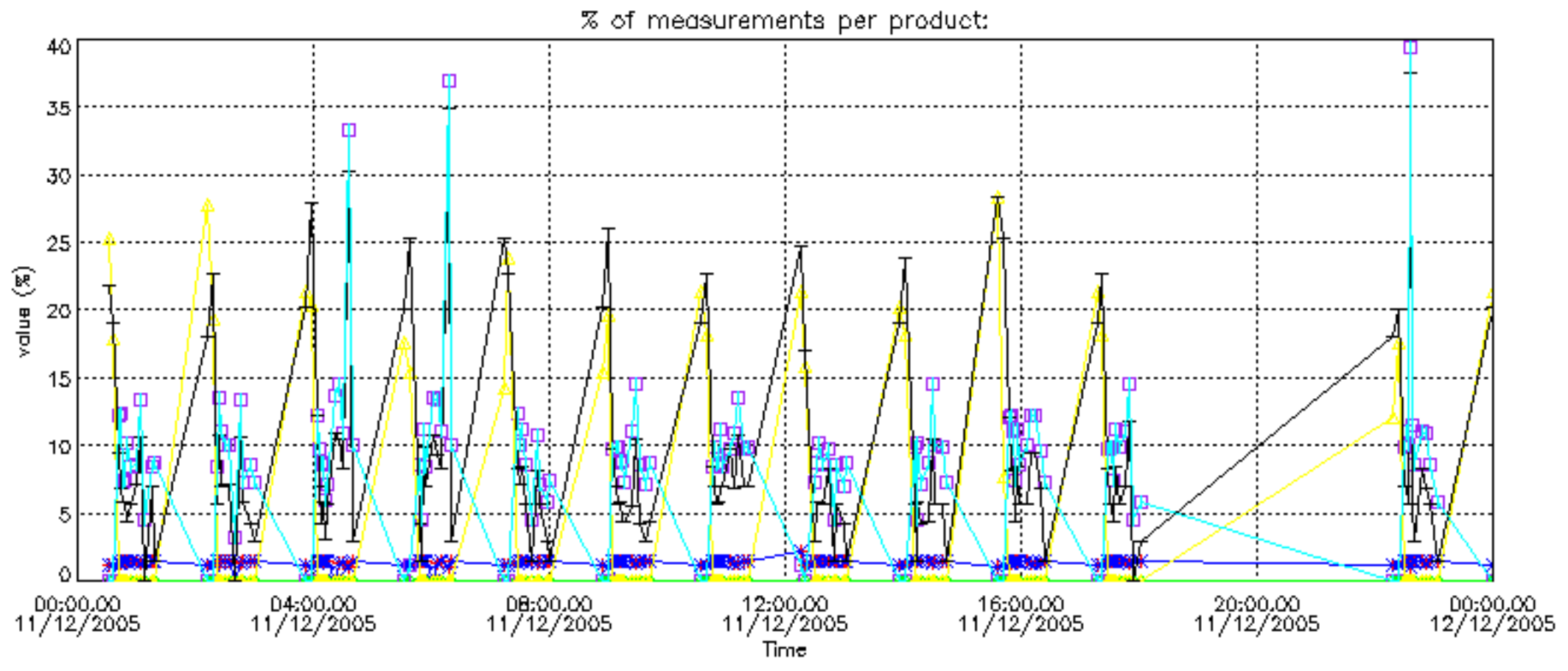
Percentage of flagged data per NO2 profile



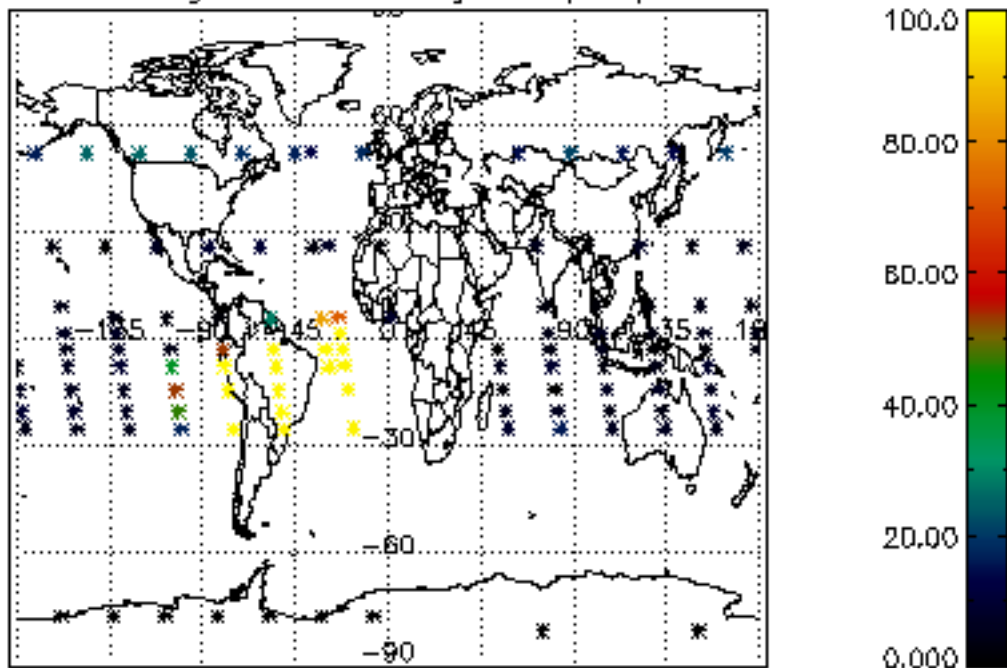
Percentage of flagged data per NO3 profile



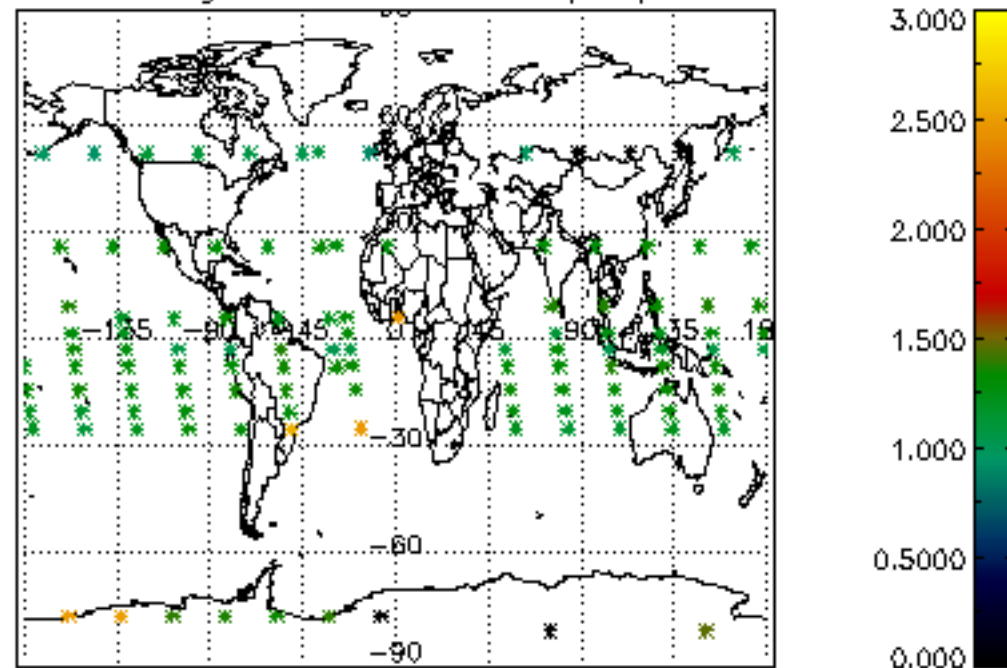




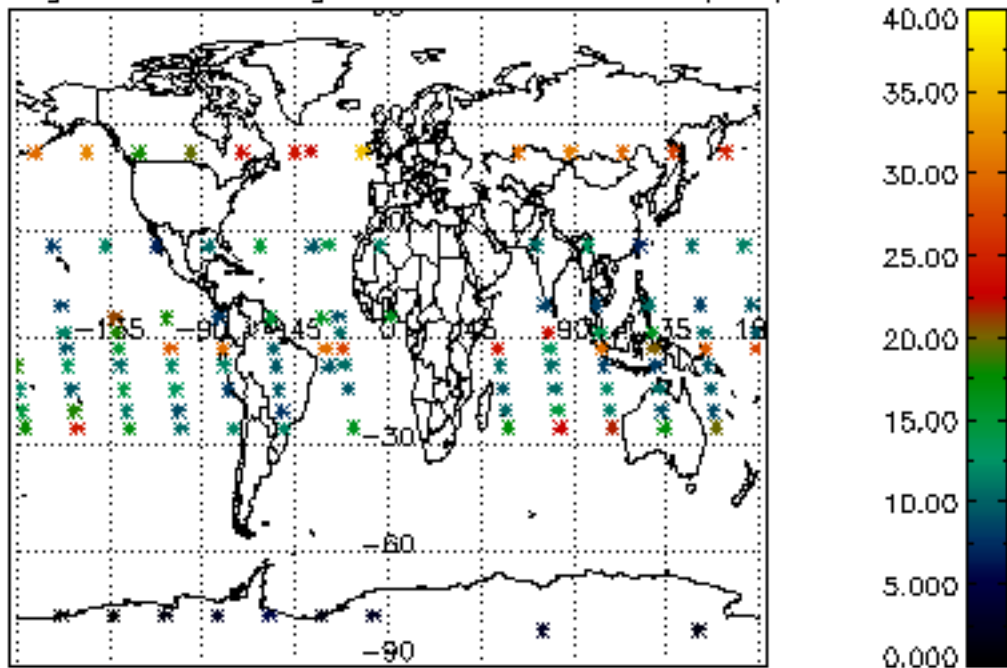
Percentage of cosmic ray hits per profile



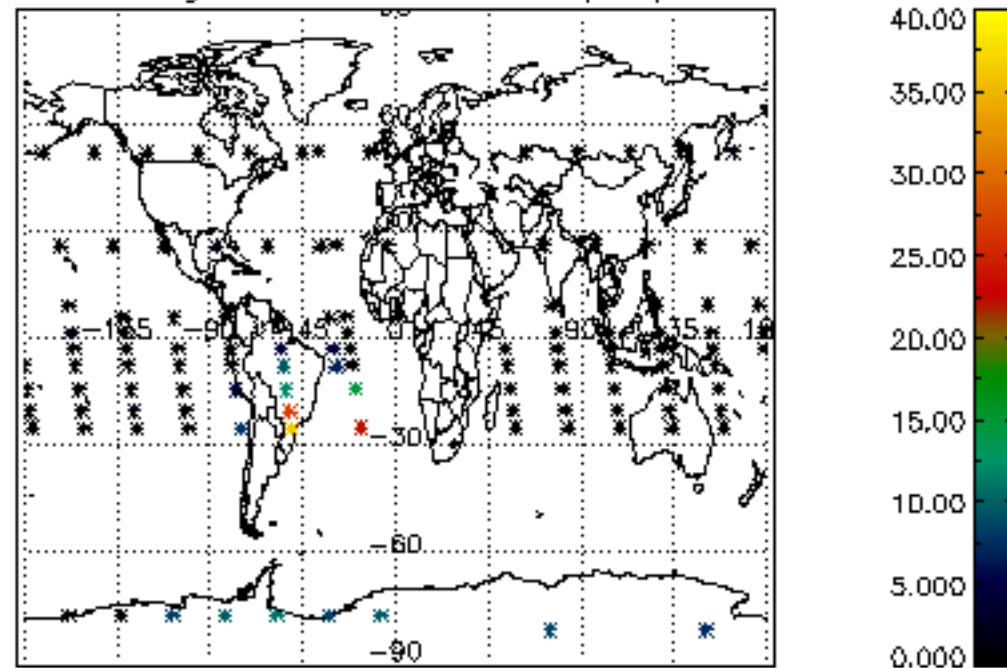
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

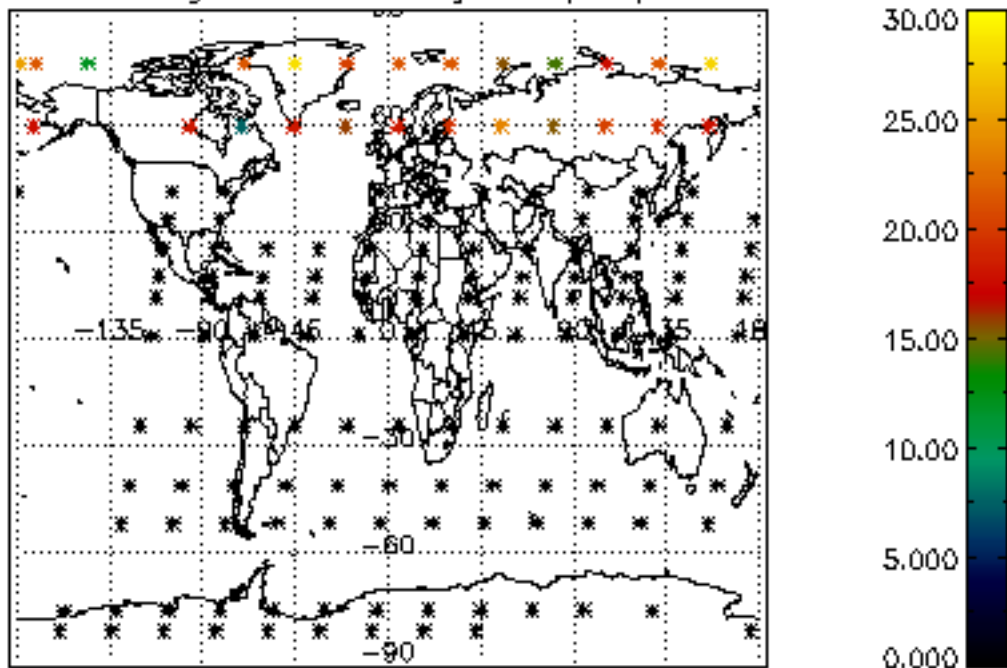


Percentage of saturation errors per profile

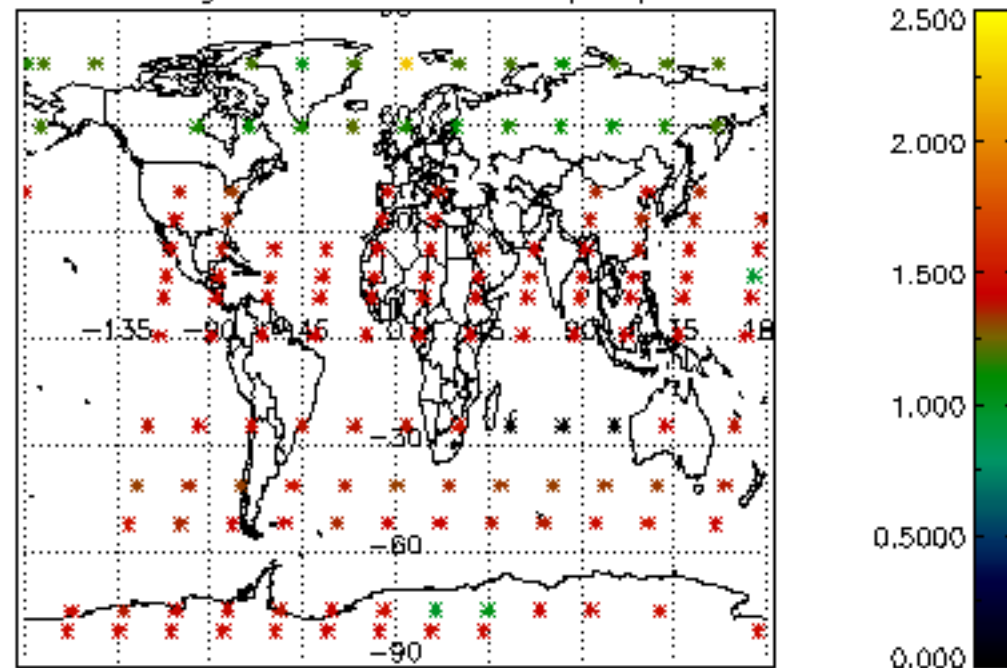




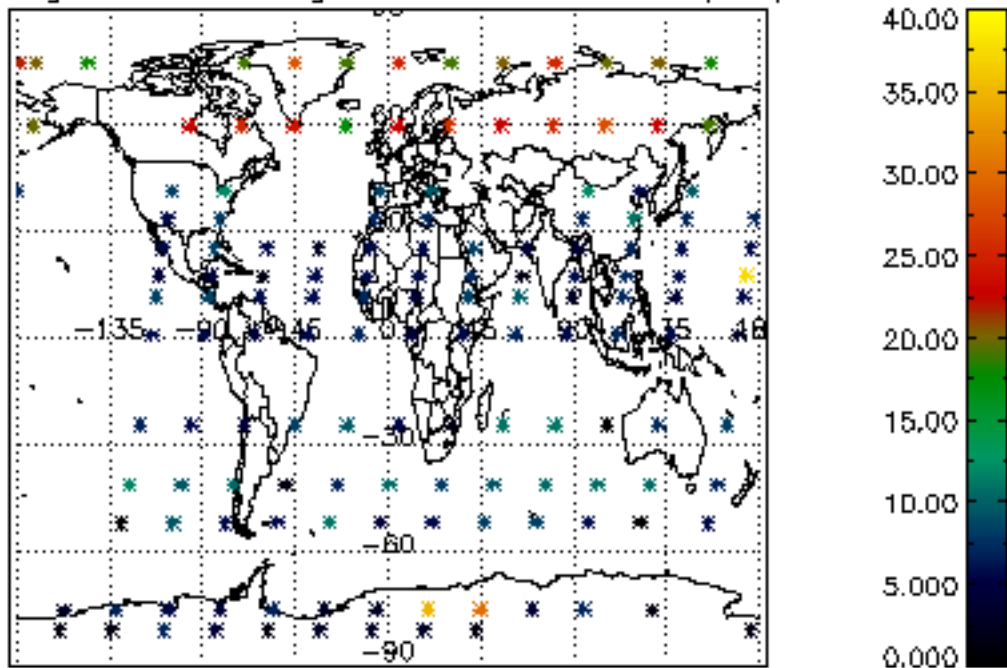
Percentage of cosmic ray hits per profile



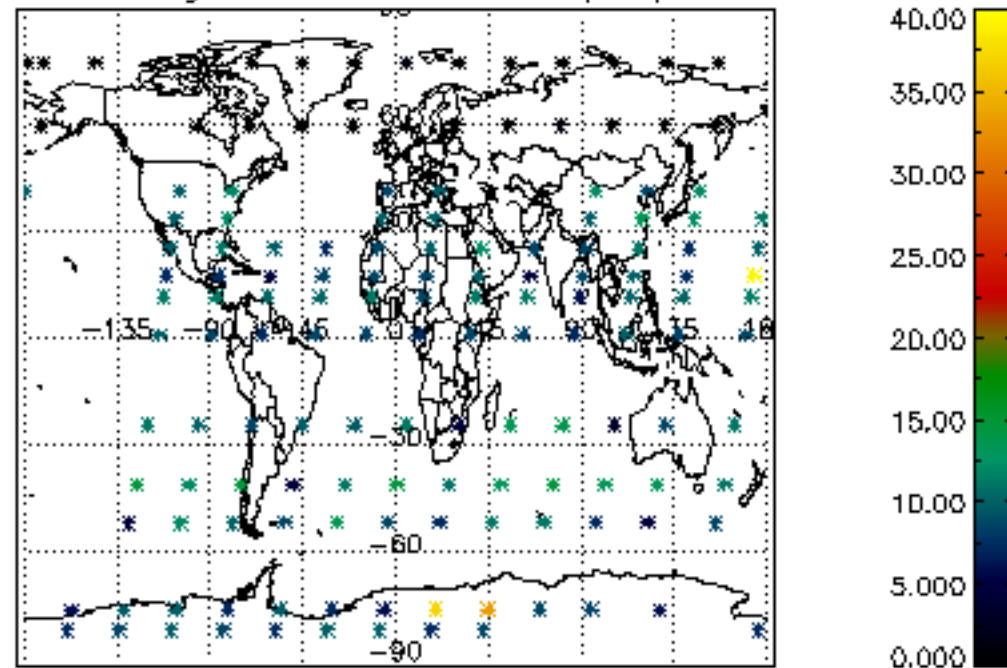
Percentage of datation errors per profile

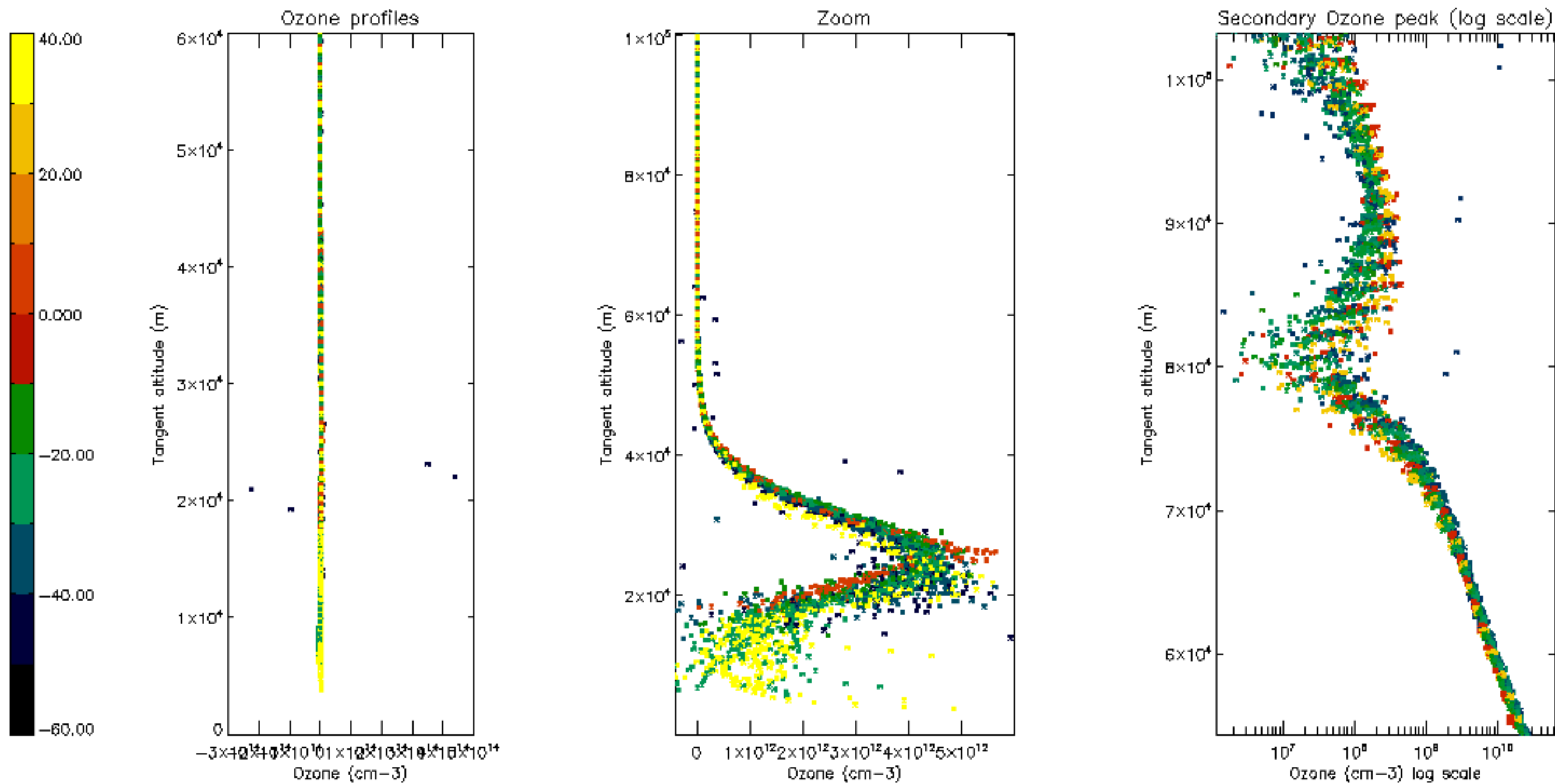


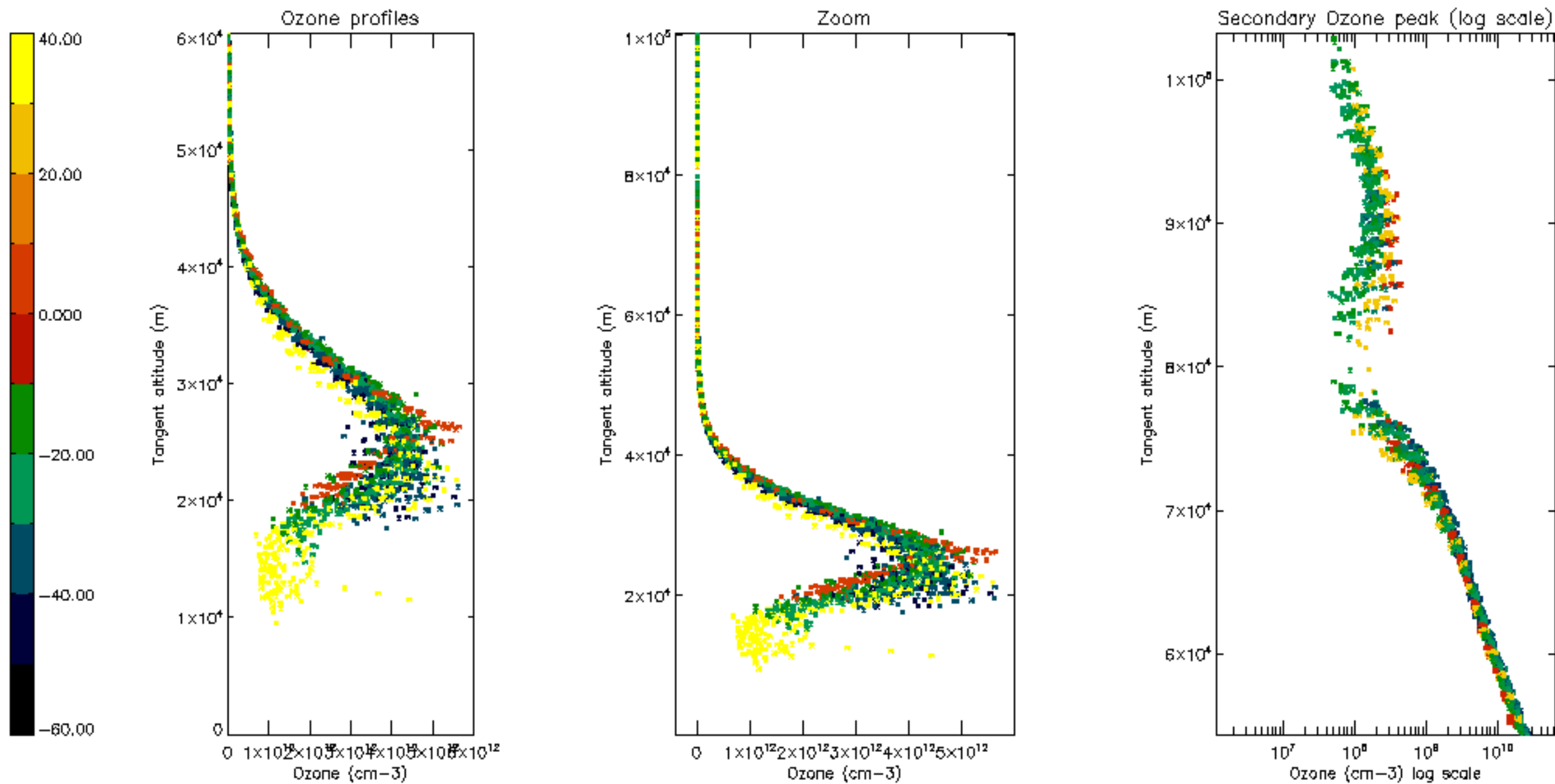
Percentage of star falling outside central band per profile

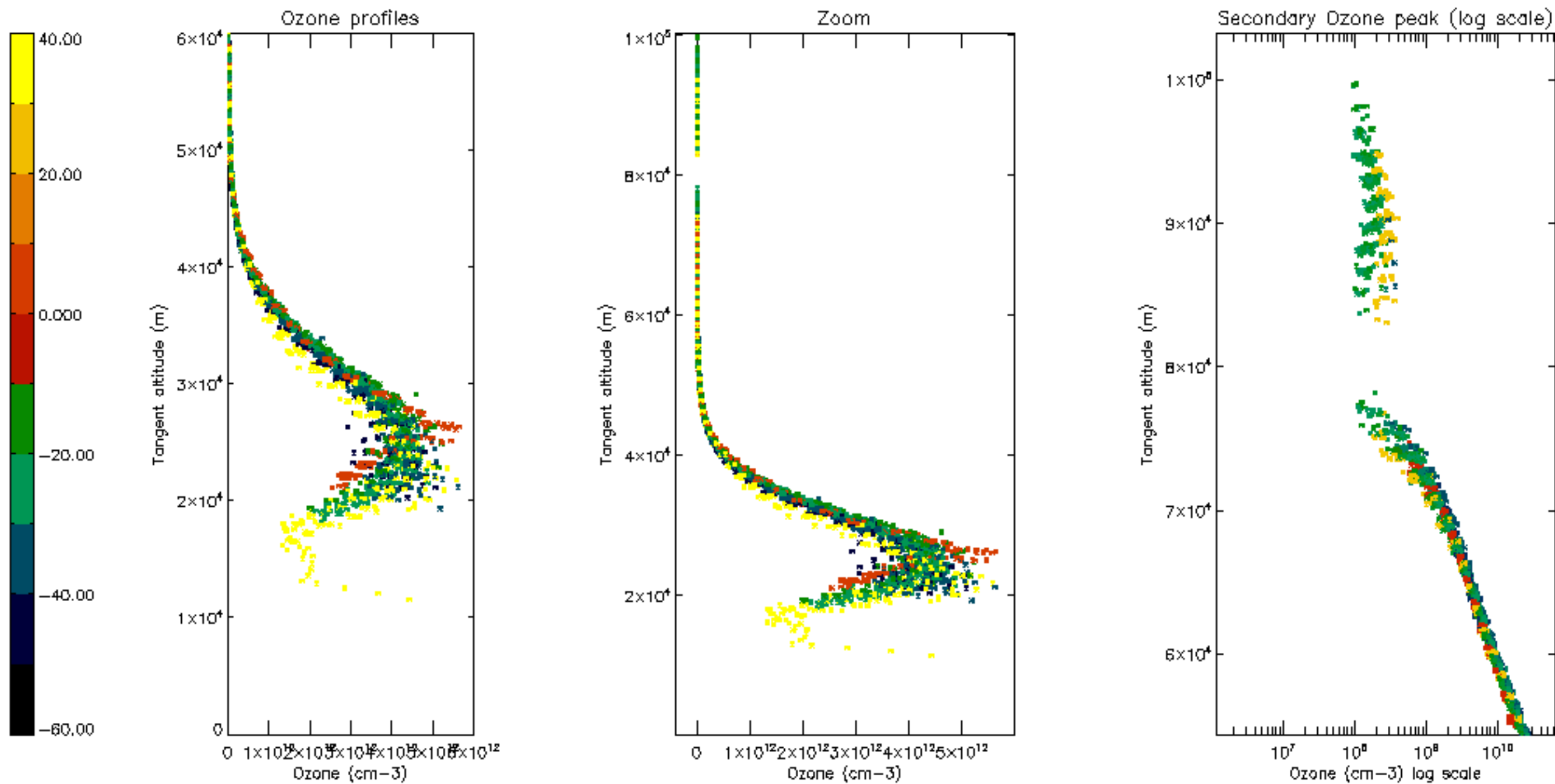


Percentage of saturation errors per profile

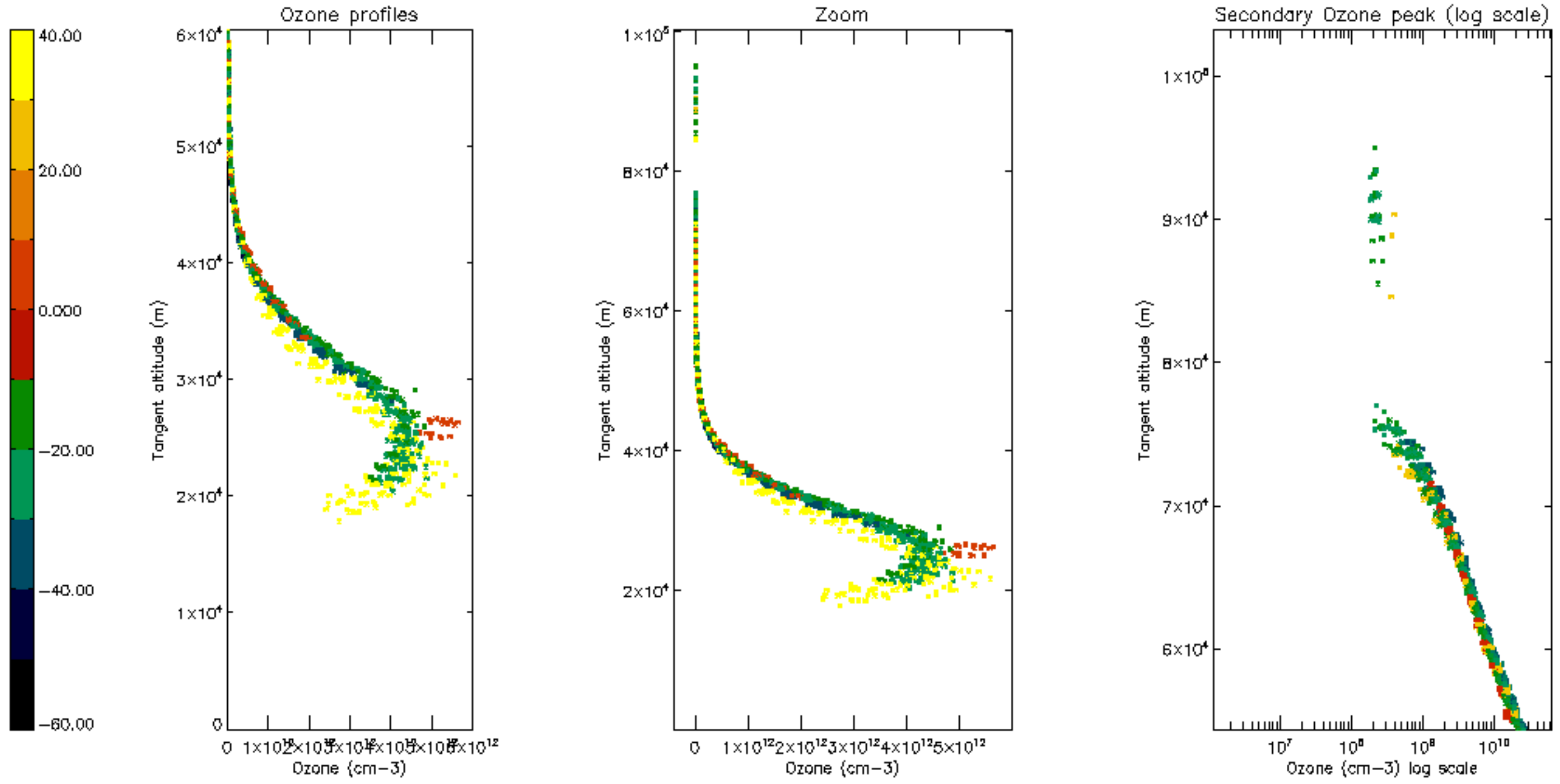


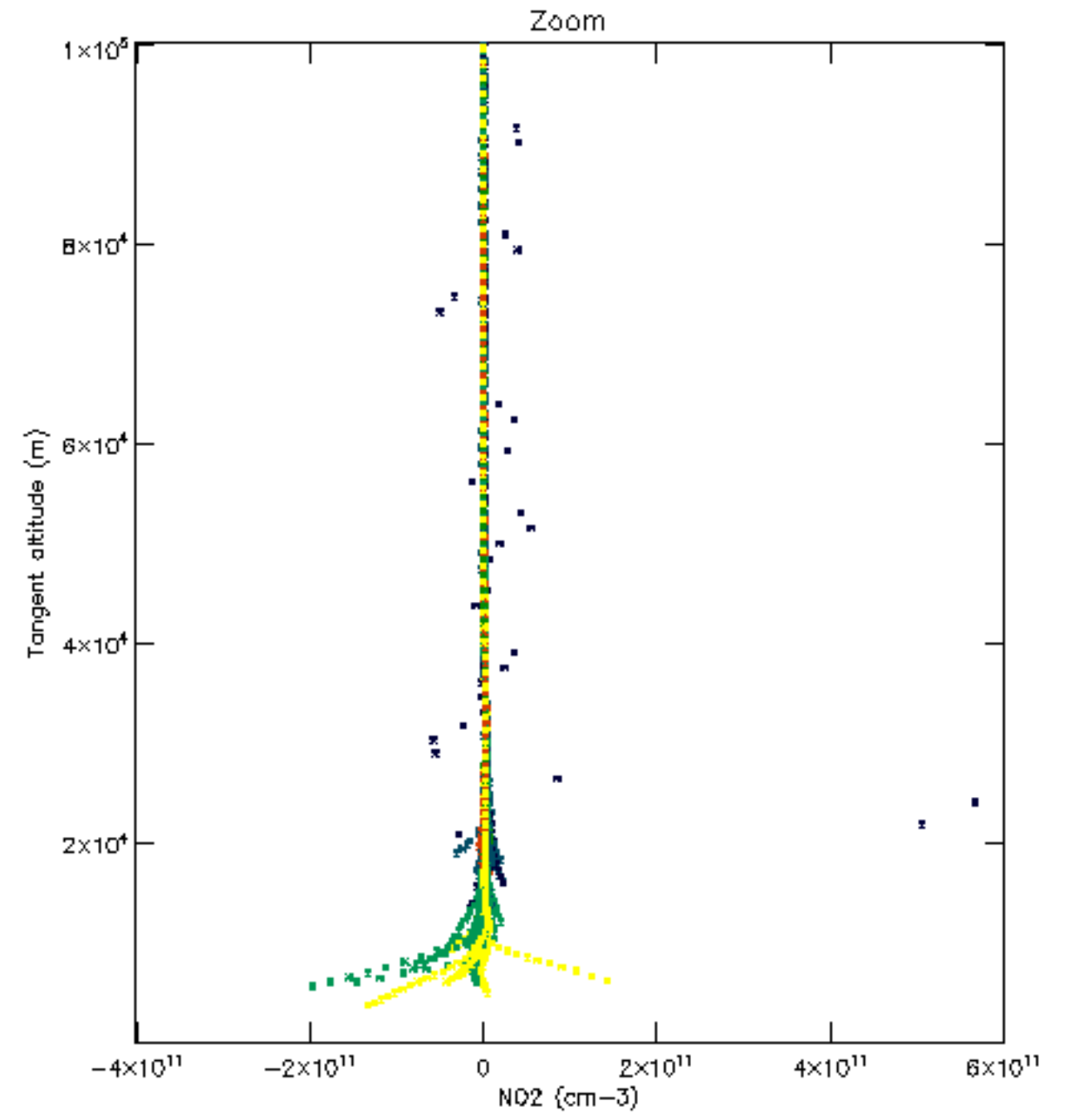
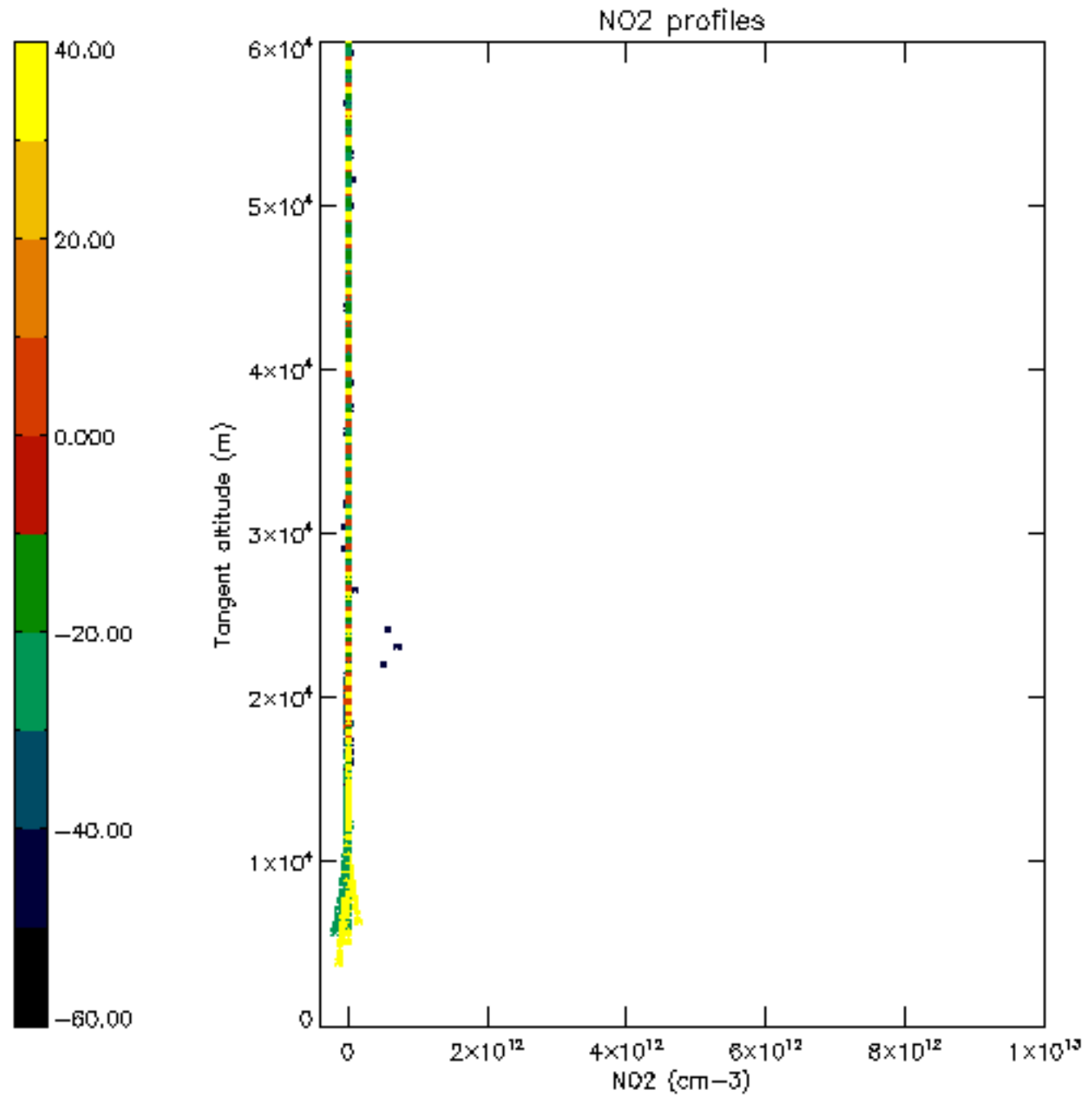


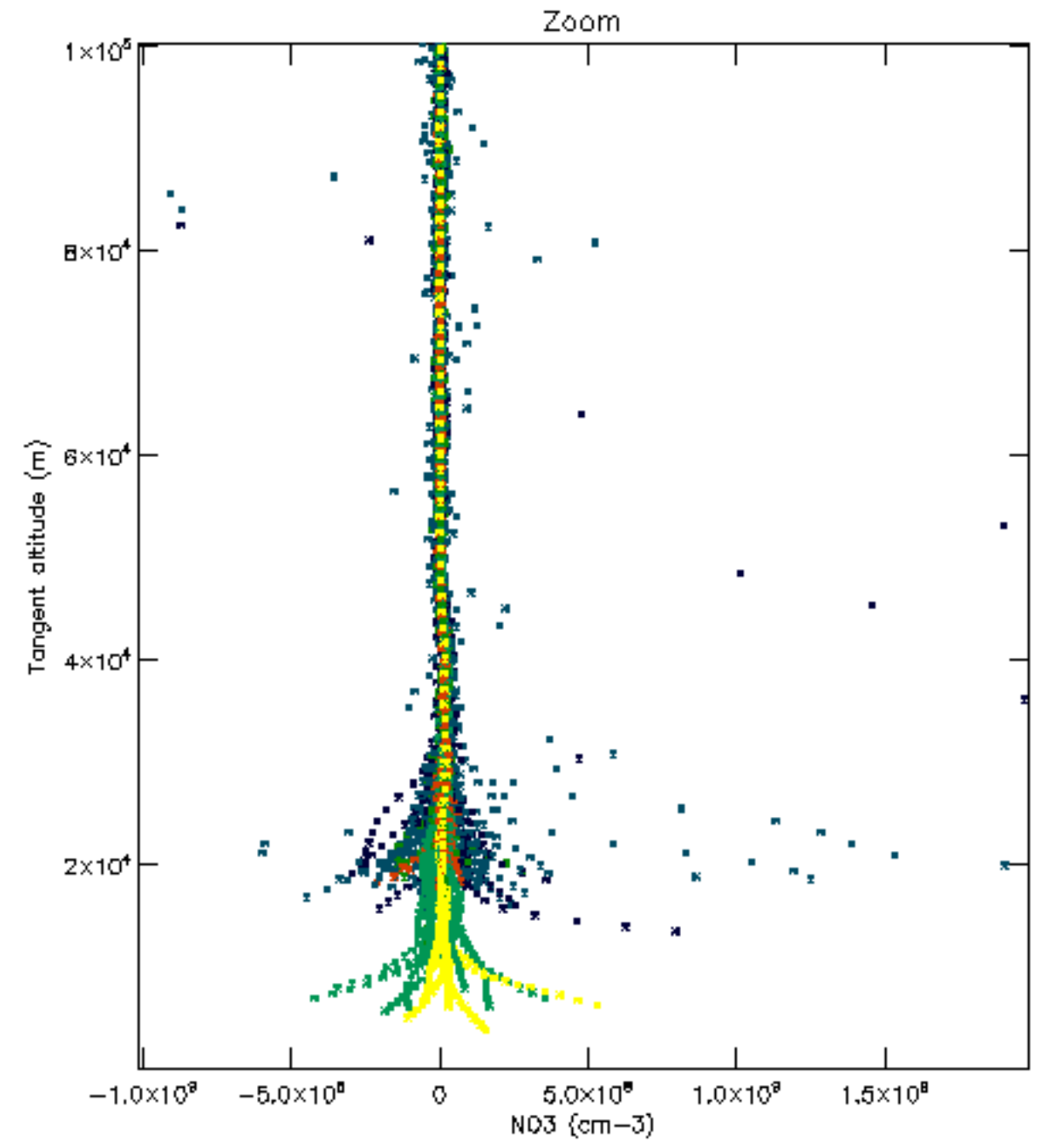
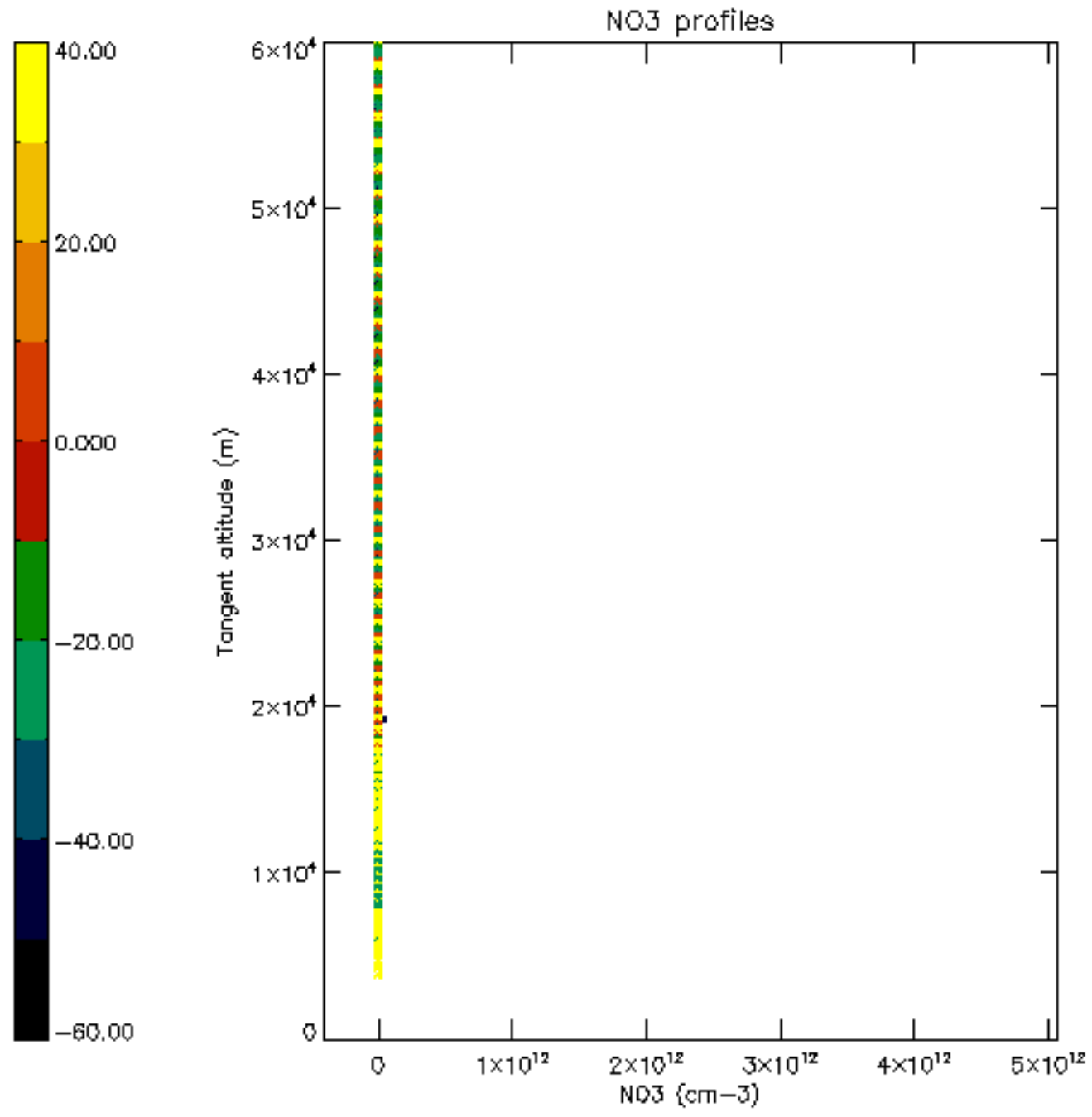


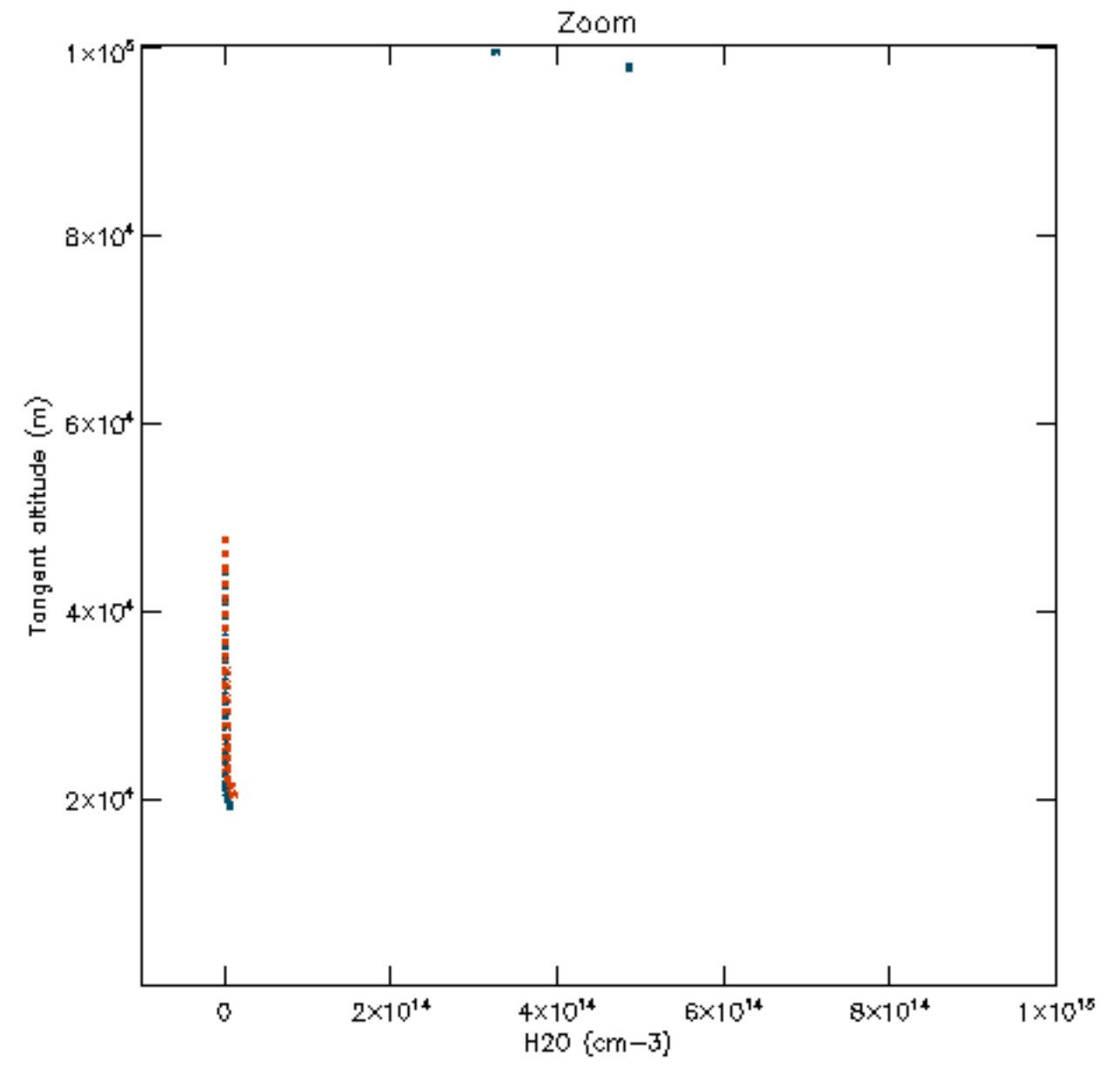
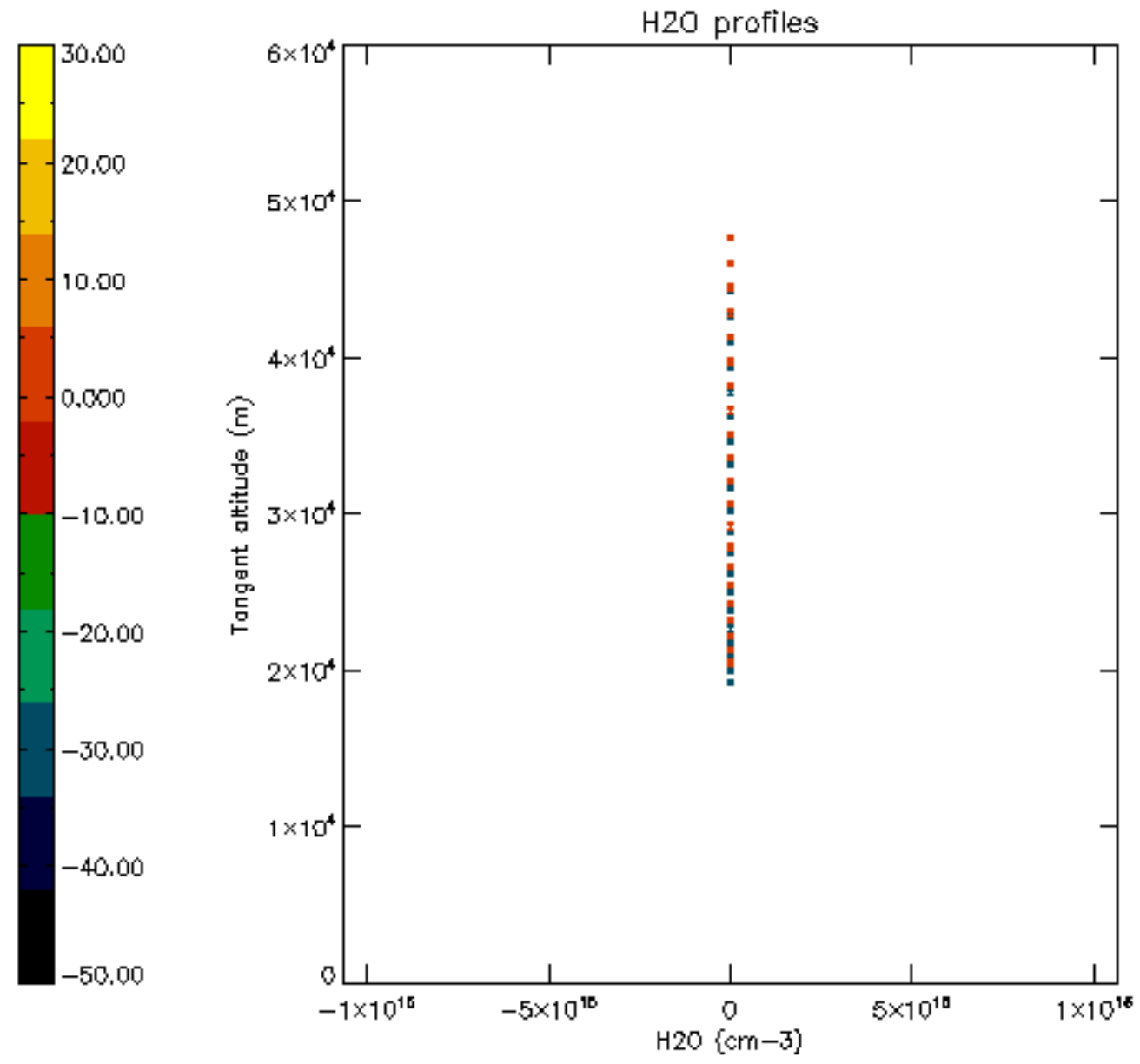




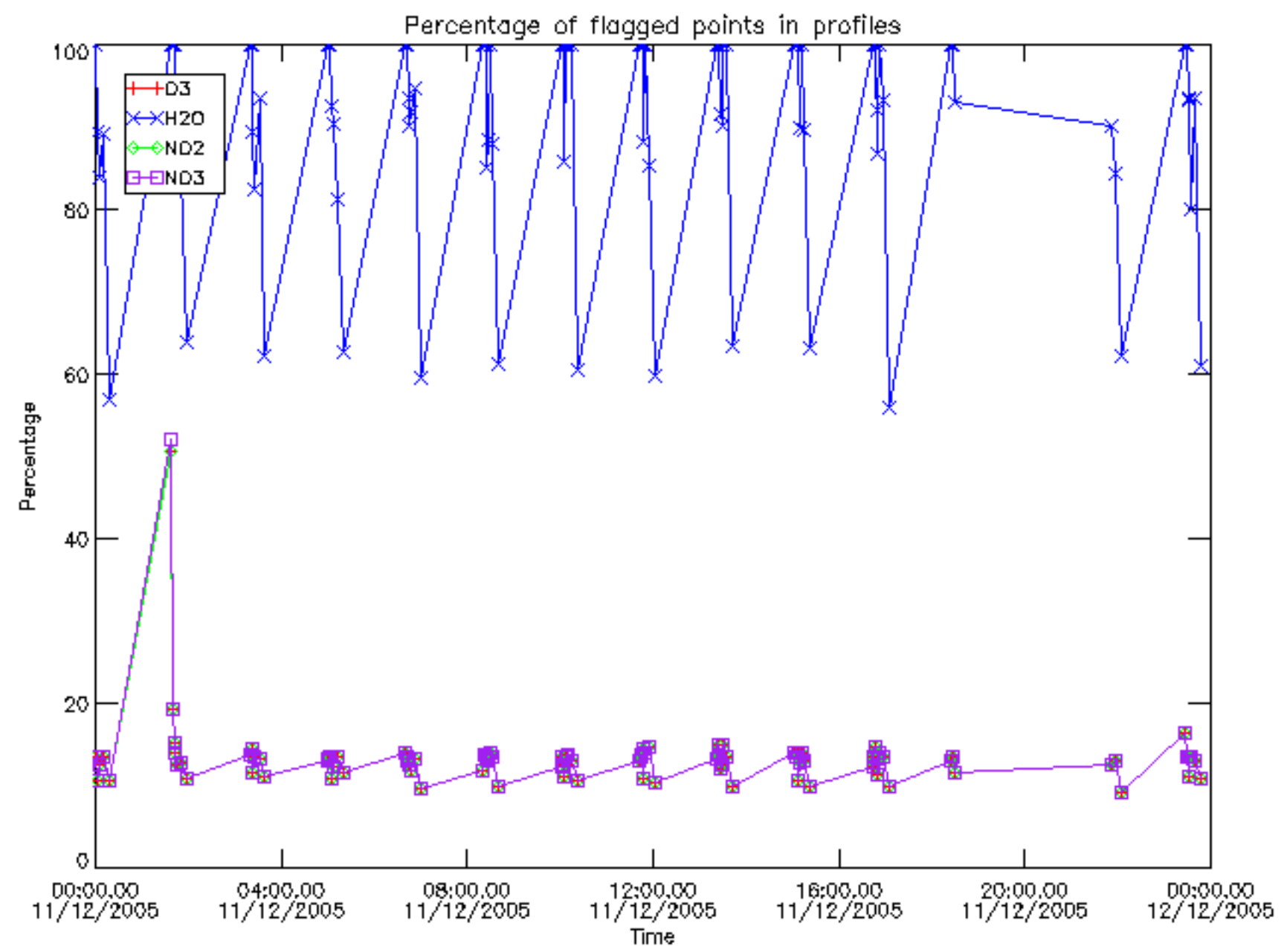




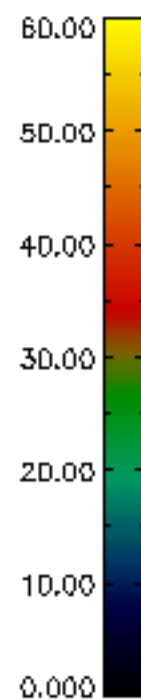
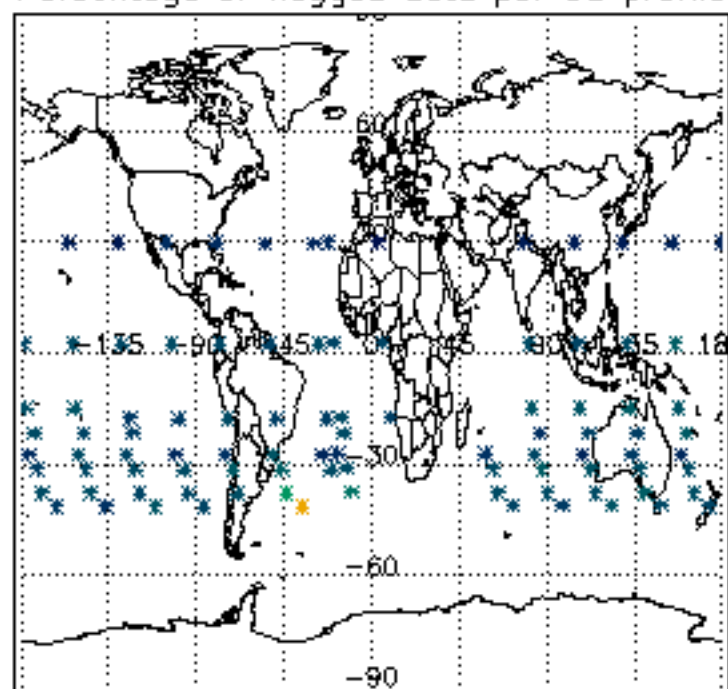




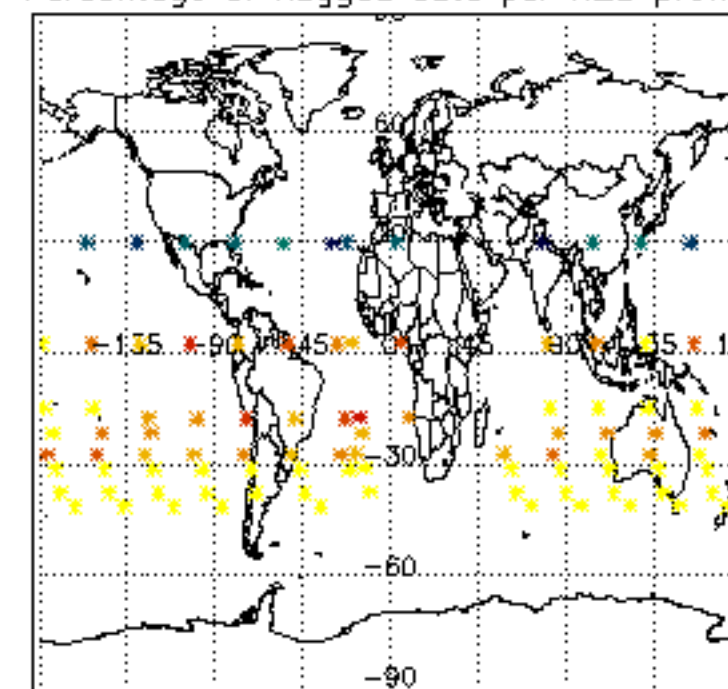




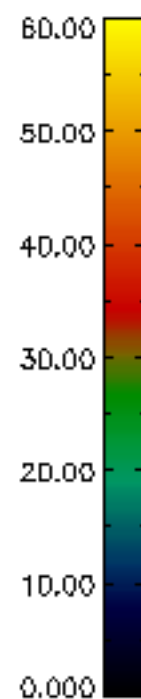
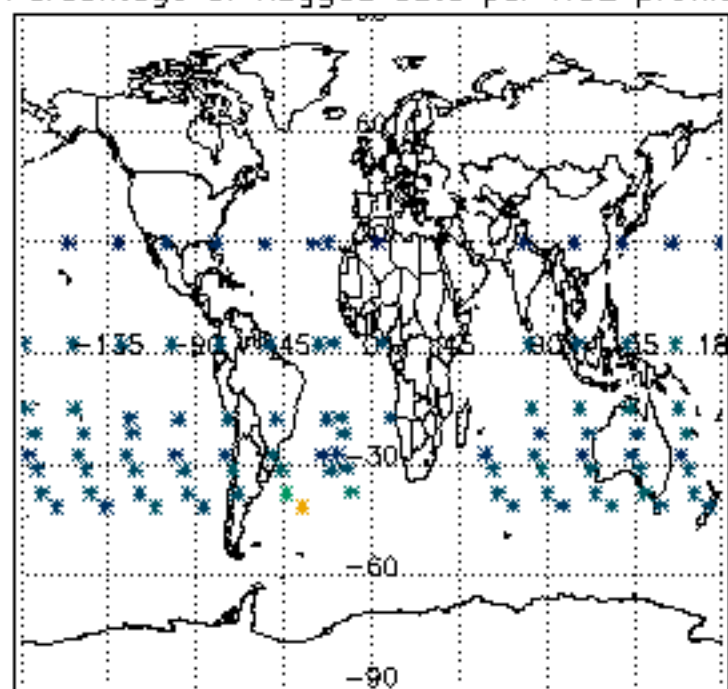
Percentage of flagged data per D3 profile



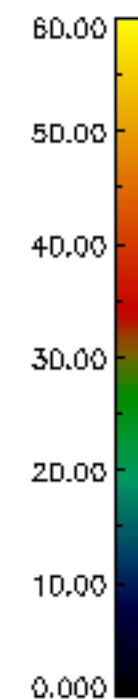
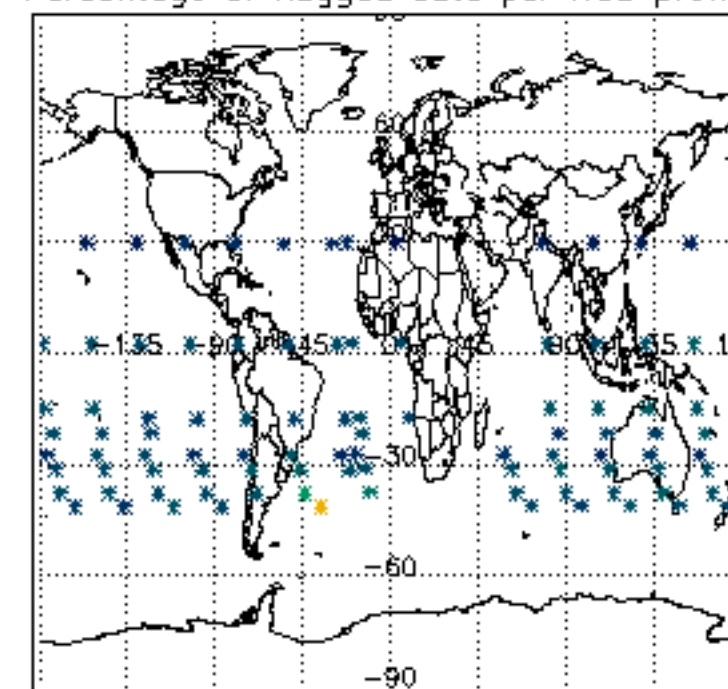
Percentage of flagged data per H2O profile

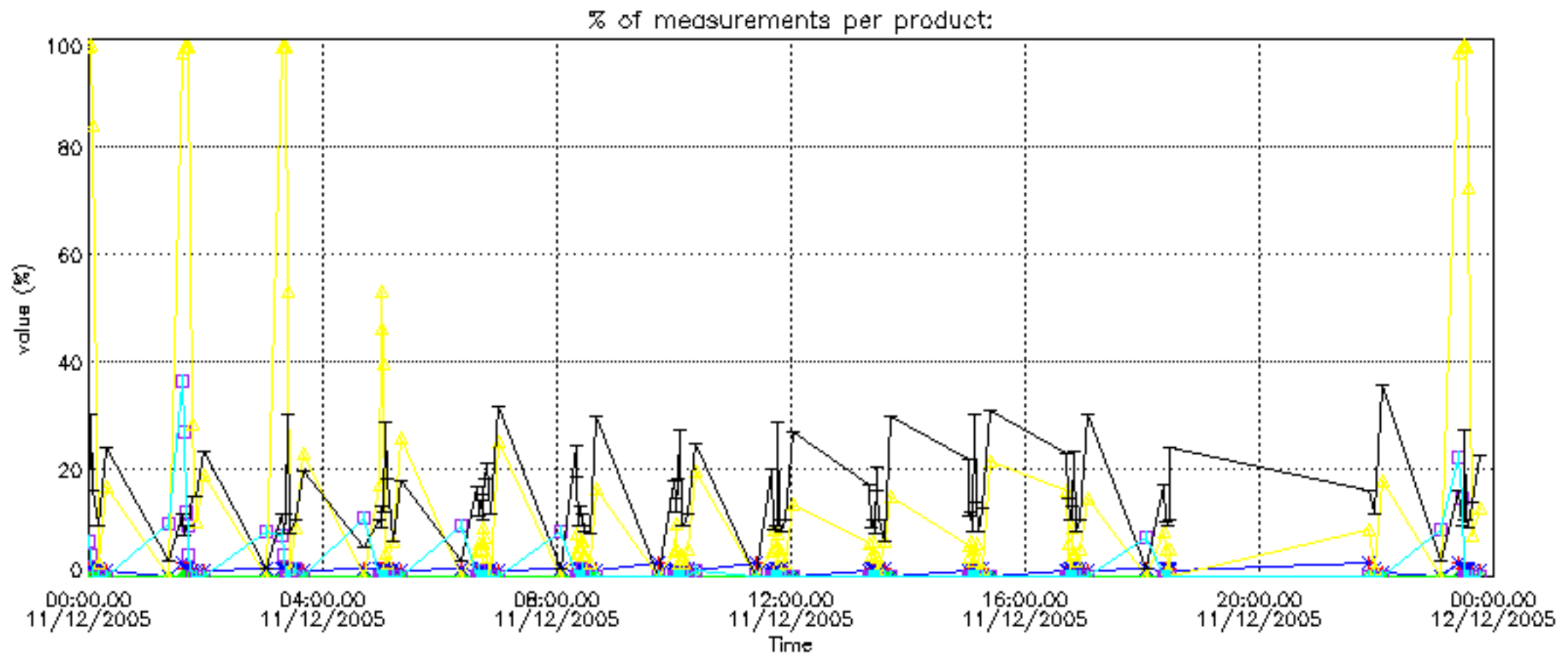


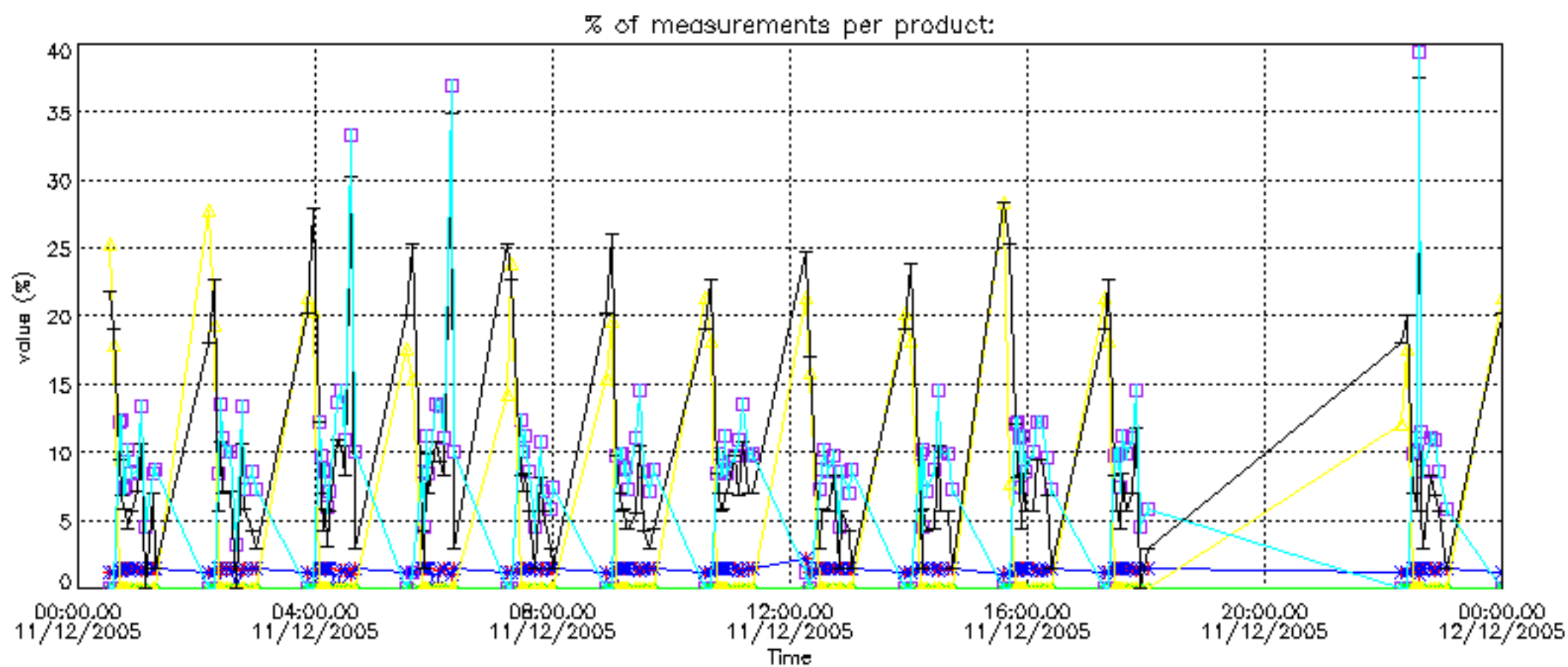
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

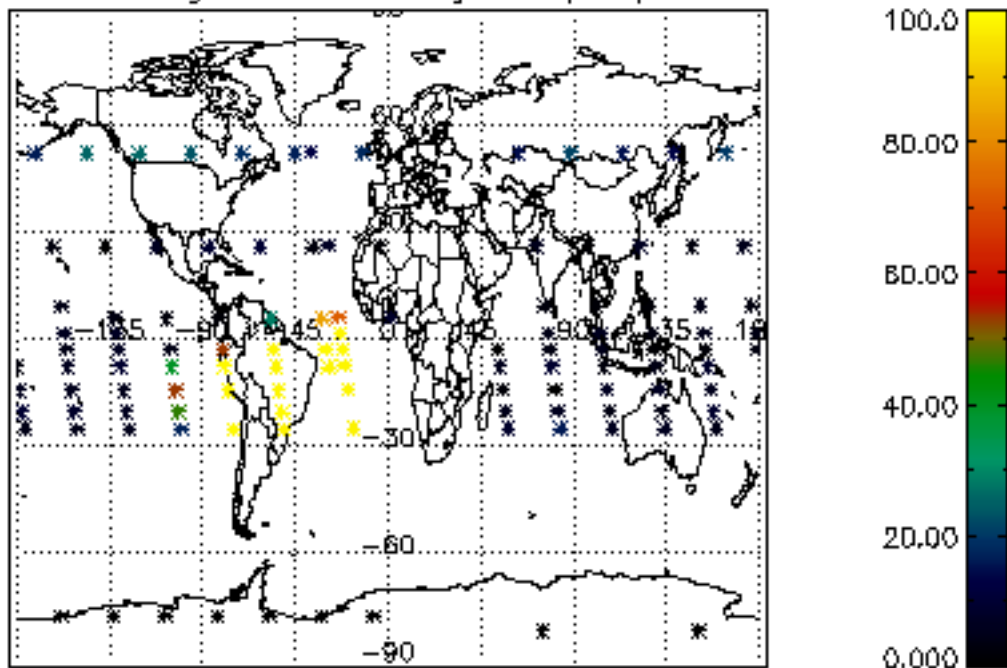




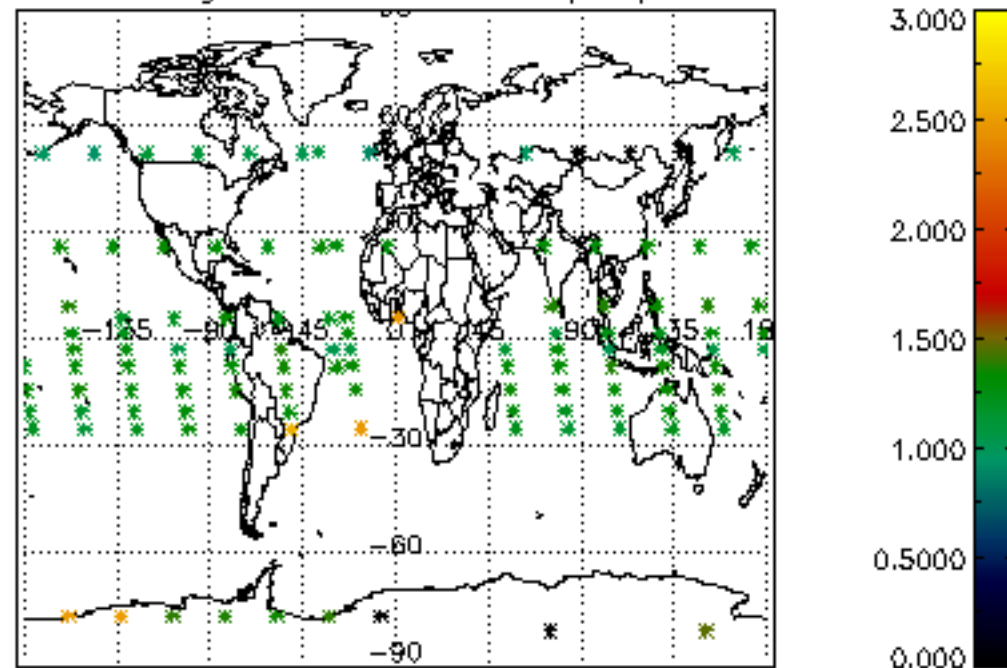




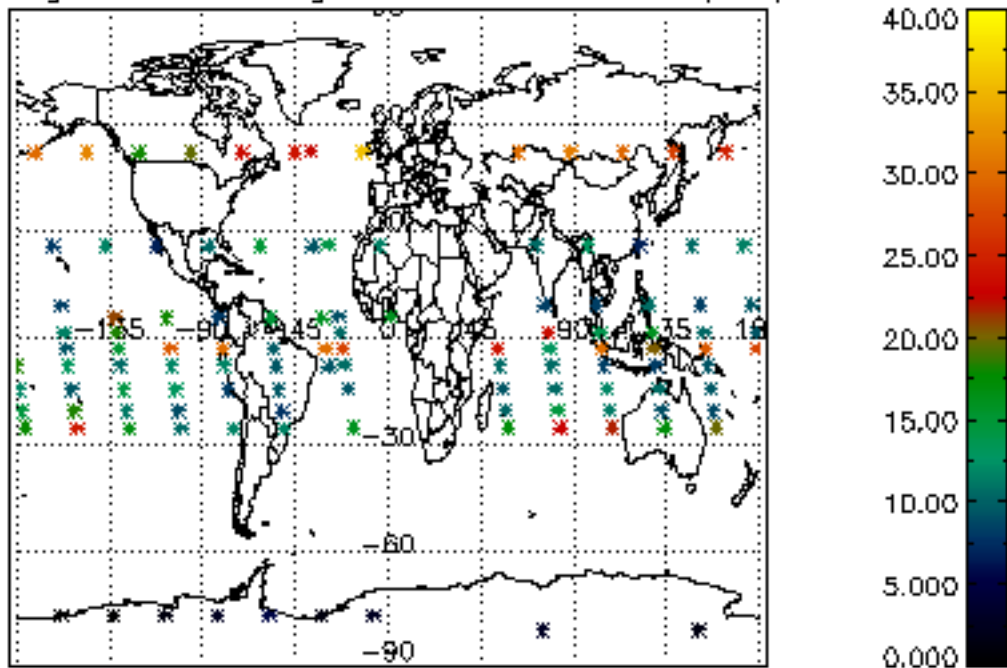
Percentage of cosmic ray hits per profile



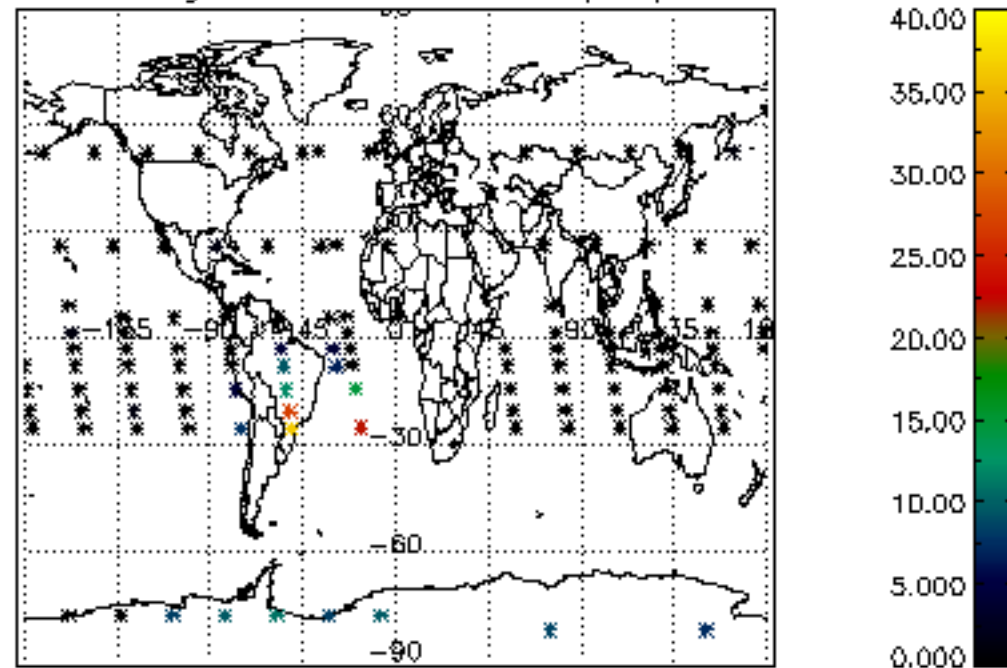
Percentage of datation errors per profile



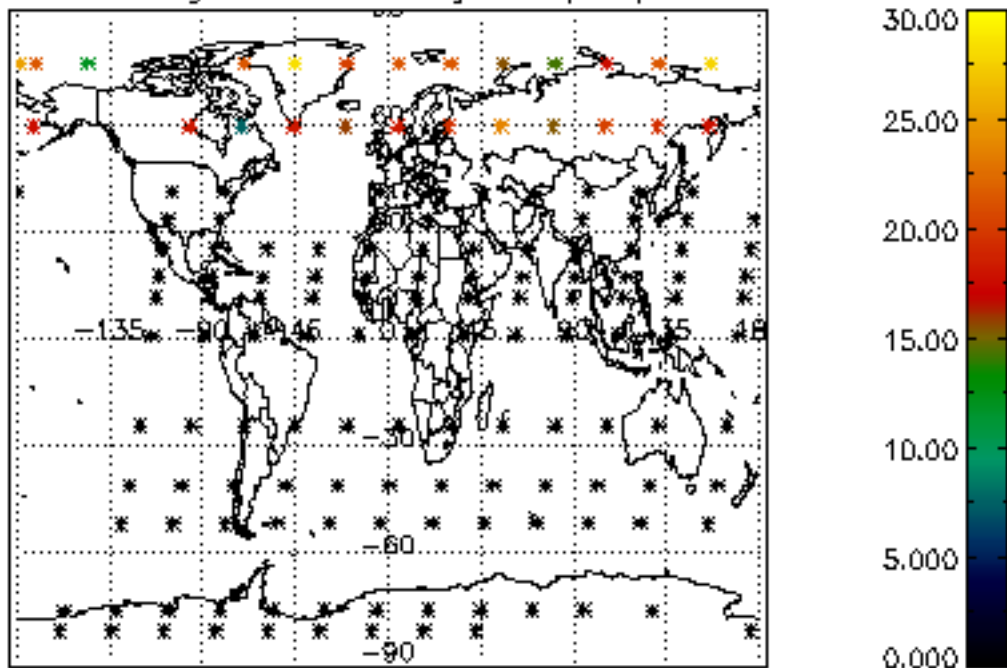
Percentage of star falling outside central band per profile



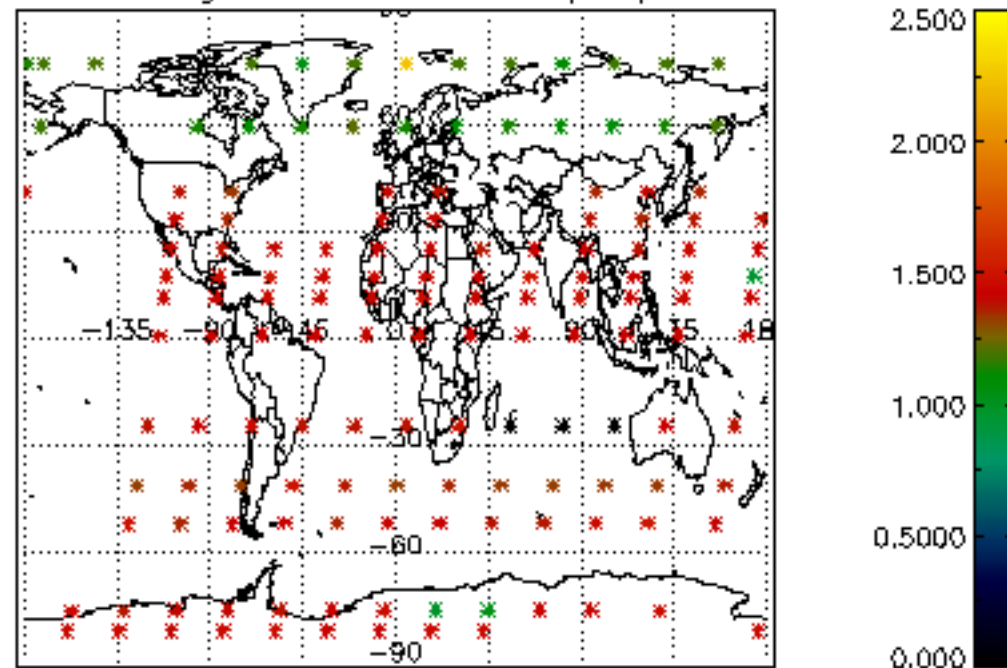
Percentage of saturation errors per profile



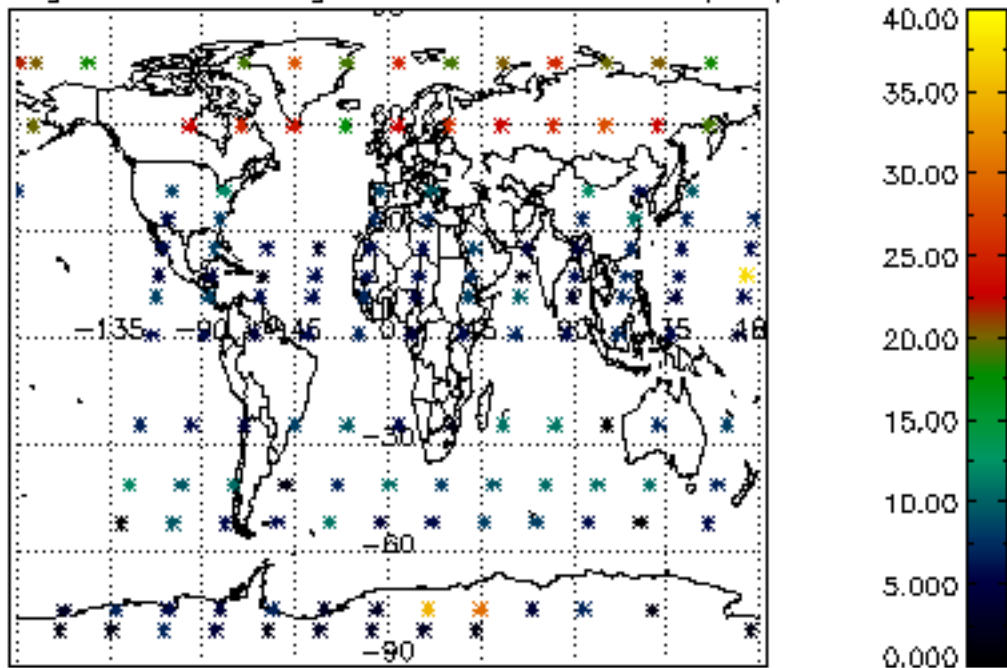
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

