

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

[5. Ozone profiles based on quality statistics and other trace gas profiles](#)

[5.1 Ozone statistics based on quality of products](#)

[5.2 Plot ozone profiles for all STD \(dark without errors\)](#)

[5.3 Plot ozone profiles where STD < 20% \(dark without errors\)](#)

[5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

[5.5. Plot ozone profiles where STD < 5% \(dark without errors\)](#)

[5.6 Plot NO2 profiles for all STD \(dark without errors\)](#)

[5.7 Plot NO3 profiles for all STD \(dark without errors\)](#)

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

[6. Auxiliary Data Files used for the production reported in section 2](#)

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	25APR2013 14:01:36
Data source version	GOMOS/6.01
Start time of products	10-05-2008 (10MAY2008 00:00:00)
Stop time of products	11-05-2008 (11MAY2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	318
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__2PRFIN20080510_000145_000000432068_00259_32377_9095.N1	10-MAY-2008 00:01:45	Dark	43.000	52	16Bet Cet	2.0370	4500.0	86	32377	No
2	GOM_NL__2PRFIN20080510_000739_000000482068_00259_32377_9096.N1	10-MAY-2008 00:07:39	Dark	47.500	18	24Alp PsA	1.1660	9700.0	95	32377	No
3	GOM_NL__2PRFIN20080510_001211_000000542068_00259_32377_9097.N1	10-MAY-2008 00:12:11	Dark	53.500	63	Bet Gru	2.1500	2800.0	107	32377	No
4	GOM_NL__2PRFIN20080510_001330_000000432068_00259_32377_9098.N1	10-MAY-2008 00:13:30	Dark	42.500	31	Alp Gru	1.7340	15200.	85	32377	No
5	GOM_NL__2PRFIN20080510_001537_000000392068_00260_32378_9099.N1	10-MAY-2008 00:15:37	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32378	No
6	GOM_NL__2PRFIN20080510_001905_000000412068_00260_32378_9100.N1	10-MAY-2008 00:19:05	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32378	No
7	GOM_NL__2PRFIN20080510_002457_000000472068_00260_32378_9101.N1	10-MAY-2008 00:24:57	Straylight	46.500	43	Alp TrA	1.9100	4250.0	93	32378	No
8	GOM_NL__2PRFIN20080510_002709_000000372068_00260_32378_9102.N1	10-MAY-2008 00:27:09	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	32378	No
9	GOM_NL__2PRFIN20080510_002859_000000502068_00260_32378_9103.N1	10-MAY-2008 00:28:59	Straylight	50.000	4	Alp1Cen	-0.010000	5800.0	100	32378	No
10	GOM_NL__2PRFIN20080510_003231_000000392068_00260_32378_9104.N1	10-MAY-2008 00:32:31	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	32378	No
11	GOM_NL__2PRFIN20080510_003402_000000402068_00260_32378_9105.N1	10-MAY-2008 00:34:02	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	32378	No
12	GOM_NL__2PRFIN20080510_003600_000000452068_00260_32378_9106.N1	10-MAY-2008 00:36:00	Twilight	44.500	54	5The Cen	2.0550	4500.0	89	32378	No
13	GOM_NL__2PRFIN20080510_004121_000000392068_00260_32378_9107.N1	10-MAY-2008 00:41:21	Bright	39.000	122	9Alp2Lib	2.7470	9700.0	78	32378	No
14	GOM_NL__2PRFIN20080510_004326_000000382068_00260_32378_9108.N1	10-MAY-2008 00:43:26	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	32378	No
15	GOM_NL__2PRFIN20080510_004947_000000352068_00260_32378_9109.N1	10-MAY-2008 00:49:47	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	32378	No
16	GOM_NL__2PRFIN20080510_005136_000000352068_00260_32378_9110.N1	10-MAY-2008 00:51:36	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	32378	No
17	GOM_NL__2PRFIN20080510_005722_000000342068_00260_32378_9111.N1	10-MAY-2008 00:57:22	Bright	33.500	152	12Alp2CVn	2.8900	11000.	67	32378	No
18	GOM_NL__2PRFIN20080510_010024_000000362068_00260_32378_9112.N1	10-MAY-2008 01:00:24	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	32378	No
19	GOM_NL__2PRFIN20080510_010155_000000332068_00260_32378_9113.N1	10-MAY-2008 01:01:55	Bright	33.000	55	79Zet UMa	2.0600	10200.	66	32378	No
20	GOM_NL__2PRFIN20080510_010508_000000352068_00260_32378_9114.N1	10-MAY-2008 01:05:08	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	32378	No
21	GOM_NL__2PRFIN20080510_010749_000000352068_00260_32378_9115.N1	10-MAY-2008 01:07:49	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	32378	No
22	GOM_NL__2PRFIN20080510_011201_000000362068_00260_32378_9116.N1	10-MAY-2008 01:12:01	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32378	No
23	GOM_NL__2PRFIN20080510_012010_000000522068_00260_32378_9117.N1	10-MAY-2008 01:20:10	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	32378	No
24	GOM_NL__2PRFIN20080510_012125_000000332068_00260_32378_9118.N1	10-MAY-2008 01:21:25	Bright	33.000	68	18Alp Cas	2.2250	4500.0	66	32378	No
25	GOM_NL__2PRFIN20080510_012936_000000382068_00260_32378_9119.N1	10-MAY-2008 01:29:36	Bright	37.500	58	21Alp And	2.0730	11000.	75	32378	No
26	GOM_NL__2PRFIN20080510_013337_000000392068_00260_32378_9120.N1	10-MAY-2008 01:33:37	Twilight	38.500	140	88Gam Peg	2.8340	26000.	77	32378	No
27	GOM_NL__2PRFIN20080510_014221_000000422068_00260_32378_9121.N1	10-MAY-2008 01:42:21	Dark	41.500	52	16Bet Cet	2.0370	4500.0	83	32378	No
28	GOM_NL__2PRFIN20080510_014815_000000462068_00260_32378_9122.N1	10-MAY-2008 01:48:15	Dark	46.000	18	24Alp PsA	1.1660	9700.0	92	32378	No
29	GOM_NL__2PRFIN20080510_015247_000000462068_00260_32378_9123.N1	10-MAY-2008 01:52:47	Dark	45.500	63	Bet Gru	2.1500	2800.0	91	32378	No
30	GOM_NL__2PRFIN20080510_015406_000000412068_00260_32378_9124.N1	10-MAY-2008 01:54:06	Dark	40.500	31	Alp Gru	1.7340	15200.	81	32378	No
31	GOM_NL__2PRFIN20080510_033650_000000382068_00262_32380_9128.N1	10-MAY-2008 03:36:50	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	32380	No
32	GOM_NL__2PRFIN20080510_034019_000000412068_00262_32380_9129.N1	10-MAY-2008 03:40:19	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32380	No
33	GOM_NL__2PRFIN20080510_034610_000000402068_00262_32380_9130.N1	10-MAY-2008 03:46:10	Straylight	40.000	43	Alp TrA	1.9100	4250.0	80	32380	No
34	GOM_NL__2PRFIN20080510_034822_000000382068_00262_32380_9131.N1	10-MAY-2008 03:48:22	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	32380	No
35	GOM_NL__2PRFIN20080510_035012_000000382068_00262_32380_9132.N1	10-MAY-2008 03:50:12	Straylight	37.500	4	Alp1Cen	-0.010000	5800.0	75	32380	No
36	GOM_NL__2PRFIN20080510_035343_000000382068_00262_32380_9133.N1	10-MAY-2008 03:53:43	Straylight	38.000	78	Alp Lup	2.3040	28000.	76	32380	No
37	GOM_NL__2PRFIN20080510_035514_000000392068_00262_32380_9134.N1	10-MAY-2008 03:55:14	Straylight	39.000	81	Eta Cen	2.3560	28000.	78	32380	No
38	GOM_NL__2PRFIN20080510_035713_000000442068_00262_32380_9135.N1	10-MAY-2008 03:57:13	Twilight	43.500	54	5The Cen	2.0550	4500.0	87	32380	No
39	GOM_NL__2PRFIN20080510_040123_000000382068_00262_32380_9136.N1	10-MAY-2008 04:01:23	Bright	37.500	169	46Gam Hya	2.9910	4700.0	75	32380	No
40	GOM_NL__2PRFIN20080510_040438_000000382068_00262_32380_9137.N1	10-MAY-2008 04:04:38	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	32380	No
41	GOM_NL__2PRFIN20080510_041059_000000352068_00262_32380_9138.N1	10-MAY-2008 04:10:59	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	32380	No
42	GOM_NL__2PRFIN20080510_041248_000000362068_00262_32380_9139.N1	10-MAY-2008 04:12:48	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	32380	No

43	GOM_NL__2PRFIN20080510_041835_000000352068_00262_32380_9140.N1	10-MAY-2008 04:18:35	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	32380	No
44	GOM_NL__2PRFIN20080510_042136_000000372068_00262_32380_9141.N1	10-MAY-2008 04:21:36	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	32380	No
45	GOM_NL__2PRFIN20080510_042307_000000342068_00262_32380_9142.N1	10-MAY-2008 04:23:07	Bright	34.000	55	79Zet UMa	2.0600	10200.	68	32380	No
46	GOM_NL__2PRFIN20080510_042620_000000372068_00262_32380_9143.N1	10-MAY-2008 04:26:20	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	32380	No
47	GOM_NL__2PRFIN20080510_042901_000000382068_00262_32380_9144.N1	10-MAY-2008 04:29:01	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32380	No
48	GOM_NL__2PRFIN20080510_043312_000000342068_00262_32380_9145.N1	10-MAY-2008 04:33:12	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	32380	No
49	GOM_NL__2PRFIN20080510_044122_000000392068_00262_32380_9146.N1	10-MAY-2008 04:41:22	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	32380	No
50	GOM_NL__2PRFIN20080510_044237_000000382068_00262_32380_9147.N1	10-MAY-2008 04:42:37	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	32380	No
51	GOM_NL__2PRFIN20080510_045049_000000552068_00262_32380_9148.N1	10-MAY-2008 04:50:49	Bright	55.000	58	21Alp And	2.0730	11000.	110	32380	No
52	GOM_NL__2PRFIN20080510_045449_000000392068_00262_32380_9149.N1	10-MAY-2008 04:54:49	Twilight	39.000	140	88Gam Peg	2.8340	26000.	78	32380	No
53	GOM_NL__2PRFIN20080510_050333_000000422068_00262_32380_9150.N1	10-MAY-2008 05:03:33	Dark	42.000	52	16Bet Cet	2.0370	4500.0	84	32380	No
54	GOM_NL__2PRFIN20080510_051022_000000432068_00262_32380_9151.N1	10-MAY-2008 05:10:22	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	32380	No
55	GOM_NL__2PRFIN20080510_051400_000000452068_00262_32380_9152.N1	10-MAY-2008 05:14:00	Dark	44.500	63	Bet Gru	2.1500	2800.0	89	32380	No
56	GOM_NL__2PRFIN20080510_051520_000000432068_00262_32380_9153.N1	10-MAY-2008 05:15:20	Dark	42.500	31	Alp Gru	1.7340	15200.	85	32380	No
57	GOM_NL__2PRFIN20080510_051727_000000412068_00263_32381_9142.N1	10-MAY-2008 05:17:27	Dark	40.500	148	Alp Tuc	2.8780	4100.0	81	32381	No
58	GOM_NL__2PRFIN20080510_052055_000000422068_00263_32381_9143.N1	10-MAY-2008 05:20:55	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32381	No
59	GOM_NL__2PRFIN20080510_052646_000000412068_00263_32381_9144.N1	10-MAY-2008 05:26:46	Straylight	40.500	43	Alp TrA	1.9100	4250.0	81	32381	No
60	GOM_NL__2PRFIN20080510_052858_000000382068_00263_32381_9145.N1	10-MAY-2008 05:28:58	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	32381	No
61	GOM_NL__2PRFIN20080510_053048_000000452068_00263_32381_9146.N1	10-MAY-2008 05:30:48	Straylight	44.500	4	Alp1Cen	-0.010000	5800.0	89	32381	No
62	GOM_NL__2PRFIN20080510_053420_000000372068_00263_32381_9147.N1	10-MAY-2008 05:34:20	Straylight	37.000	78	Alp Lup	2.3040	28000.	74	32381	No
63	GOM_NL__2PRFIN20080510_053551_000000402068_00263_32381_9148.N1	10-MAY-2008 05:35:51	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	32381	No
64	GOM_NL__2PRFIN20080510_053749_000000422068_00263_32381_9149.N1	10-MAY-2008 05:37:49	Tw_and_stray	42.000	54	5The Cen	2.0550	4500.0	84	32381	No
65	GOM_NL__2PRFIN20080510_054159_000000382068_00263_32381_9150.N1	10-MAY-2008 05:41:59	Bright	38.000	169	46Gam Hya	2.9910	4700.0	76	32381	No
66	GOM_NL__2PRFIN20080510_054514_000000372068_00263_32381_9151.N1	10-MAY-2008 05:45:14	Bright	37.000	15	67Alp Vir	0.97600	28000.	74	32381	No
67	GOM_NL__2PRFIN20080510_055136_000000352068_00263_32381_9152.N1	10-MAY-2008 05:51:36	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	32381	No
68	GOM_NL__2PRFIN20080510_055324_000000362068_00263_32381_9153.N1	10-MAY-2008 05:53:24	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	32381	No
69	GOM_NL__2PRFIN20080510_060212_000000382068_00263_32381_9154.N1	10-MAY-2008 06:02:12	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	32381	No
70	GOM_NL__2PRFIN20080510_060343_000000372068_00263_32381_9155.N1	10-MAY-2008 06:03:43	Bright	36.500	55	79Zet UMa	2.0600	10200.	73	32381	No
71	GOM_NL__2PRFIN20080510_060657_000000372068_00263_32381_9156.N1	10-MAY-2008 06:06:57	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	32381	No
72	GOM_NL__2PRFIN20080510_060937_000000382068_00263_32381_9157.N1	10-MAY-2008 06:09:37	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32381	No
73	GOM_NL__2PRFIN20080510_061348_000000362068_00263_32381_9158.N1	10-MAY-2008 06:13:48	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32381	No
74	GOM_NL__2PRFIN20080510_062158_000000442068_00263_32381_9159.N1	10-MAY-2008 06:21:58	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	32381	No
75	GOM_NL__2PRFIN20080510_062313_000000352068_00263_32381_9160.N1	10-MAY-2008 06:23:13	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	32381	No
76	GOM_NL__2PRFIN20080510_063125_000000422068_00263_32381_9161.N1	10-MAY-2008 06:31:25	Bright	41.500	58	21Alp And	2.0730	11000.	83	32381	No
77	GOM_NL__2PRFIN20080510_063525_000000412068_00263_32381_9162.N1	10-MAY-2008 06:35:25	Twilight	40.500	140	88Gam Peg	2.8340	26000.	81	32381	No
78	GOM_NL__2PRFIN20080510_064410_000000422068_00263_32381_9163.N1	10-MAY-2008 06:44:10	Dark	41.500	52	16Bet Cet	2.0370	4500.0	83	32381	No
79	GOM_NL__2PRFIN20080510_065059_000000392068_00263_32381_9164.N1	10-MAY-2008 06:50:59	Dark	39.000	84	Alp Phe	2.3970	4500.0	78	32381	No
80	GOM_NL__2PRFIN20080510_065437_000000442068_00263_32381_9165.N1	10-MAY-2008 06:54:37	Dark	44.000	63	Bet Gru	2.1500	2800.0	88	32381	No
81	GOM_NL__2PRFIN20080510_065556_000000412068_00263_32381_9166.N1	10-MAY-2008 06:55:56	Dark	41.000	31	Alp Gru	1.7340	15200.	82	32381	No
82	GOM_NL__2PRFIN20080510_065803_000000372068_00264_32382_9153.N1	10-MAY-2008 06:58:03	Dark	37.000	148	Alp Tuc	2.8780	4100.0	74	32382	No
83	GOM_NL__2PRFIN20080510_070132_000000392068_00264_32382_9154.N1	10-MAY-2008 07:01:32	Dark	39.000	45	Alp Pav	1.9400	26000.	78	32382	No
84	GOM_NL__2PRFIN20080510_070723_000000382068_00264_32382_9155.N1	10-MAY-2008 07:07:23	Straylight	38.000	43	Alp TrA	1.9100	4250.0	76	32382	No
85	GOM_NL__2PRFIN20080510_070934_000000402068_00264_32382_9156.N1	10-MAY-2008 07:09:34	Straylight	39.500	134	Bet TrA	2.8100	6600.0	79	32382	No
86	GOM_NL__2PRFIN20080510_071124_000000452068_00264_32382_9157.N1	10-MAY-2008 07:11:24	Straylight	45.000	4	Alp1Cen	-0.010000	5800.0	90	32382	No
87	GOM_NL__2PRFIN20080510_071456_000000392068_00264_32382_9158.N1	10-MAY-2008 07:14:56	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	32382	No
88	GOM_NL__2PRFIN20080510_071627_000000392068_00264_32382_9159.N1	10-MAY-2008 07:16:27	Straylight	38.500	81	Eta Cen	2.3560	28000.	77	32382	No
89	GOM_NL__2PRFIN20080510_071825_000000432068_00264_32382_9160.N1	10-MAY-2008 07:18:25	Tw_and_stray	42.500	54	5The Cen	2.0550	4500.0	85	32382	No
90	GOM_NL__2PRFIN20080510_072345_000000252068_00264_32382_9161.N1	10-MAY-2008 07:23:45	Tw_and_stray	25.000	122	9Alp2Lib	2.7470	9700.0	50	32382	No
91	GOM_NL__2PRFIN20080510_072550_000000372068_00264_32382_9162.N1	10-MAY-2008 07:25:50	Bright	37.000	15	67Alp Vir	0.97600	28000.	74	32382	No
92	GOM_NL__2PRFIN20080510_073212_000000362068_00264_32382_9163.N1	10-MAY-2008 07:32:12	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	32382	No
93	GOM_NL__2PRFIN20080510_073400_000000362068_00264_32382_9164.N1	10-MAY-2008 07:34:00	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	32382	No
94	GOM_NL__2PRFIN20080510_073947_000000342068_00264_32382_9165.N1	10-MAY-2008 07:39:47	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	32382	No
95	GOM_NL__2PRFIN20080510_074248_000000372068_00264_32382_9166.N1	10-MAY-2008 07:42:48	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	32382	No
96	GOM_NL__2PRFIN20080510_074419_000000362068_00264_32382_9167.N1	10-MAY-2008 07:44:19	Bright	35.500	55	79Zet UMa	2.0600	10200.	71	32382	No
97	GOM_NL__2PRFIN20080510_074733_000000372068_00264_32382_9168.N1	10-MAY-2008 07:47:33	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	32382	No
98	GOM_NL__2PRFIN20080510_075013_000000372068_00264_32382_9169.N1	10-MAY-2008 07:50:13	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32382	No
99	GOM_NL__2PRFIN20080510_075424_000000342068_00264_32382_9170.N1	10-MAY-2008 07:54:24	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	32382	No
100	GOM_NL__2PRFIN20080510_080234_000000382068_00264_32382_9171.N1	10-MAY-2008 08:02:34	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	32382	No
101	GOM_NL__2PRFIN20080510_080349_000000352068_00264_32382_9172.N1	10-MAY-2008 08:03:49	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	32382	No

102	GOM_NL__2PRFIN20080510_081201_000000432068_00264_32382_9173.N1	10-MAY-2008 08:12:01	Bright	42.500	58	21Alp And	2.0730	11000.	85	32382	No
103	GOM_NL__2PRFIN20080510_081602_000000402068_00264_32382_9174.N1	10-MAY-2008 08:16:02	Twilight	40.000	140	88Gam Peg	2.8340	26000.	80	32382	No
104	GOM_NL__2PRFIN20080510_082446_000000422068_00264_32382_9175.N1	10-MAY-2008 08:24:46	Dark	41.500	52	16Bet Cet	2.0370	4500.0	83	32382	No
105	GOM_NL__2PRFIN20080510_083513_000000442068_00264_32382_9176.N1	10-MAY-2008 08:35:13	Dark	43.500	63	Bet Gru	2.1500	2800.0	87	32382	No
106	GOM_NL__2PRFIN20080510_083633_000000422068_00264_32382_9177.N1	10-MAY-2008 08:36:33	Dark	41.500	31	Alp Gru	1.7340	15200.	83	32382	No
107	GOM_NL__2PRFIN20080510_083839_000000392068_00265_32383_9174.N1	10-MAY-2008 08:38:39	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32383	No
108	GOM_NL__2PRFIN20080510_084209_000000402068_00265_32383_9175.N1	10-MAY-2008 08:42:09	Dark	40.000	45	Alp Pav	1.9400	26000.	80	32383	No
109	GOM_NL__2PRFIN20080510_084759_000000392068_00265_32383_9176.N1	10-MAY-2008 08:47:59	Straylight	39.000	43	Alp TrA	1.9100	4250.0	78	32383	No
110	GOM_NL__2PRFIN20080510_085011_000000392068_00265_32383_9177.N1	10-MAY-2008 08:50:11	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	32383	No
111	GOM_NL__2PRFIN20080510_085200_000000422068_00265_32383_9178.N1	10-MAY-2008 08:52:00	Straylight	42.000	4	Alp1Cen	-0.010000	5800.0	84	32383	No
112	GOM_NL__2PRFIN20080510_085532_000000382068_00265_32383_9179.N1	10-MAY-2008 08:55:32	Straylight	37.500	78	Alp Lup	2.3040	28000.	75	32383	No
113	GOM_NL__2PRFIN20080510_085703_000000372068_00265_32383_9180.N1	10-MAY-2008 08:57:03	Straylight	37.000	81	Eta Cen	2.3560	28000.	74	32383	No
114	GOM_NL__2PRFIN20080510_085901_000000432068_00265_32383_9181.N1	10-MAY-2008 08:59:01	Twi_and_stray	42.500	54	5The Cen	2.0550	4500.0	85	32383	No
115	GOM_NL__2PRFIN20080510_090421_000000252068_00265_32383_9182.N1	10-MAY-2008 09:04:21	Twi_and_stray	25.000	122	9Alp2Lib	2.7470	9700.0	50	32383	No
116	GOM_NL__2PRFIN20080510_090627_000000382068_00265_32383_9183.N1	10-MAY-2008 09:06:27	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32383	No
117	GOM_NL__2PRFIN20080510_091248_000000362068_00265_32383_9184.N1	10-MAY-2008 09:12:48	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	32383	No
118	GOM_NL__2PRFIN20080510_091436_000000362068_00265_32383_9185.N1	10-MAY-2008 09:14:36	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	32383	No
119	GOM_NL__2PRFIN20080510_092023_000000342068_00265_32383_9186.N1	10-MAY-2008 09:20:23	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	32383	No
120	GOM_NL__2PRFIN20080510_092324_000000352068_00265_32383_9187.N1	10-MAY-2008 09:23:24	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	32383	No
121	GOM_NL__2PRFIN20080510_092455_000000522068_00265_32383_9188.N1	10-MAY-2008 09:24:55	Bright	52.000	55	79Zet UMa	2.0600	10200.	104	32383	No
122	GOM_NL__2PRFIN20080510_092809_000000372068_00265_32383_9189.N1	10-MAY-2008 09:28:09	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	32383	No
123	GOM_NL__2PRFIN20080510_093049_000000372068_00265_32383_9190.N1	10-MAY-2008 09:30:49	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32383	No
124	GOM_NL__2PRFIN20080510_093500_000000362068_00265_32383_9191.N1	10-MAY-2008 09:35:00	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32383	No
125	GOM_NL__2PRFIN20080510_094310_000000522068_00265_32383_9192.N1	10-MAY-2008 09:43:10	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	32383	No
126	GOM_NL__2PRFIN20080510_094425_000000362068_00265_32383_9193.N1	10-MAY-2008 09:44:25	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	32383	No
127	GOM_NL__2PRFIN20080510_095237_000000422068_00265_32383_9194.N1	10-MAY-2008 09:52:37	Bright	41.500	58	21Alp And	2.0730	11000.	83	32383	No
128	GOM_NL__2PRFIN20080510_095638_000000402068_00265_32383_9195.N1	10-MAY-2008 09:56:38	Twilight	39.500	140	88Gam Peg	2.8340	26000.	79	32383	No
129	GOM_NL__2PRFIN20080510_100522_000000412068_00265_32383_9196.N1	10-MAY-2008 10:05:22	Dark	40.500	52	16Bet Cet	2.0370	4500.0	81	32383	No
130	GOM_NL__2PRFIN20080510_101211_000000402068_00265_32383_9197.N1	10-MAY-2008 10:12:11	Dark	39.500	84	Alp Phe	2.3970	4500.0	79	32383	No
131	GOM_NL__2PRFIN20080510_101550_000000472068_00265_32383_9198.N1	10-MAY-2008 10:15:50	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	32383	No
132	GOM_NL__2PRFIN20080510_101710_000000402068_00265_32383_9199.N1	10-MAY-2008 10:17:10	Dark	40.000	31	Alp Gru	1.7340	15200.	80	32383	No
133	GOM_NL__2PRFIN20080510_101916_000000392068_00266_32384_9187.N1	10-MAY-2008 10:19:16	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32384	No
134	GOM_NL__2PRFIN20080510_102245_000000422068_00266_32384_9188.N1	10-MAY-2008 10:22:45	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32384	No
135	GOM_NL__2PRFIN20080510_102835_000000422068_00266_32384_9189.N1	10-MAY-2008 10:28:35	Straylight	42.000	43	Alp TrA	1.9100	4250.0	84	32384	No
136	GOM_NL__2PRFIN20080510_103047_000000372068_00266_32384_9190.N1	10-MAY-2008 10:30:47	Straylight	36.500	134	Bet TrA	2.8100	6600.0	73	32384	No
137	GOM_NL__2PRFIN20080510_103236_000000422068_00266_32384_9191.N1	10-MAY-2008 10:32:36	Straylight	41.500	4	Alp1Cen	-0.010000	5800.0	83	32384	No
138	GOM_NL__2PRFIN20080510_103608_000000382068_00266_32384_9192.N1	10-MAY-2008 10:36:08	Straylight	38.000	78	Alp Lup	2.3040	28000.	76	32384	No
139	GOM_NL__2PRFIN20080510_103739_000000382068_00266_32384_9193.N1	10-MAY-2008 10:37:39	Straylight	38.000	81	Eta Cen	2.3560	28000.	76	32384	No
140	GOM_NL__2PRFIN20080510_103937_000000452068_00266_32384_9194.N1	10-MAY-2008 10:39:37	Twi_and_stray	44.500	54	5The Cen	2.0550	4500.0	89	32384	No
141	GOM_NL__2PRFIN20080510_104457_000000342068_00266_32384_9195.N1	10-MAY-2008 10:44:57	Bright	33.500	122	9Alp2Lib	2.7470	9700.0	67	32384	No
142	GOM_NL__2PRFIN20080510_104703_000000362068_00266_32384_9196.N1	10-MAY-2008 10:47:03	Bright	36.000	15	67Alp Vir	0.97600	28000.	72	32384	No
143	GOM_NL__2PRFIN20080510_105324_000000372068_00266_32384_9197.N1	10-MAY-2008 10:53:24	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	32384	No
144	GOM_NL__2PRFIN20080510_105512_000000362068_00266_32384_9198.N1	10-MAY-2008 10:55:12	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	32384	No
145	GOM_NL__2PRFIN20080510_110059_000000342068_00266_32384_9199.N1	10-MAY-2008 11:00:59	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	32384	No
146	GOM_NL__2PRFIN20080510_110359_000000372068_00266_32384_9200.N1	10-MAY-2008 11:03:59	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	32384	No
147	GOM_NL__2PRFIN20080510_110531_000000372068_00266_32384_9201.N1	10-MAY-2008 11:05:31	Bright	36.500	55	79Zet UMa	2.0600	10200.	73	32384	No
148	GOM_NL__2PRFIN20080510_110845_000000372068_00266_32384_9202.N1	10-MAY-2008 11:08:45	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	32384	No
149	GOM_NL__2PRFIN20080510_111124_000000392068_00266_32384_9203.N1	10-MAY-2008 11:11:24	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	32384	No
150	GOM_NL__2PRFIN20080510_111536_000000372068_00266_32384_9204.N1	10-MAY-2008 11:15:36	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	32384	No
151	GOM_NL__2PRFIN20080510_112346_000000412068_00266_32384_9205.N1	10-MAY-2008 11:23:46	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	32384	No
152	GOM_NL__2PRFIN20080510_112500_000000352068_00266_32384_9206.N1	10-MAY-2008 11:25:00	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	32384	No
153	GOM_NL__2PRFIN20080510_113313_000000362068_00266_32384_9207.N1	10-MAY-2008 11:33:13	Bright	36.000	58	21Alp And	2.0730	11000.	72	32384	No
154	GOM_NL__2PRFIN20080510_113714_000000412068_00266_32384_9208.N1	10-MAY-2008 11:37:14	Twilight	40.500	140	88Gam Peg	2.8340	26000.	81	32384	No
155	GOM_NL__2PRFIN20080510_114558_000000432068_00266_32384_9209.N1	10-MAY-2008 11:45:58	Dark	42.500	52	16Bet Cet	2.0370	4500.0	85	32384	No
156	GOM_NL__2PRFIN20080510_115247_000000412068_00266_32384_9210.N1	10-MAY-2008 11:52:47	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	32384	No
157	GOM_NL__2PRFIN20080510_115626_000000562068_00266_32384_9211.N1	10-MAY-2008 11:56:26	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	32384	No
158	GOM_NL__2PRFIN20080510_115746_000000452068_00266_32384_9212.N1	10-MAY-2008 11:57:46	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32384	No
159	GOM_NL__2PRFIN20080510_115952_000000392068_00267_32385_9201.N1	10-MAY-2008 11:59:52	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32385	No
160	GOM_NL__2PRFIN20080510_120322_000000412068_00267_32385_9202.N1	10-MAY-2008 12:03:22	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32385	No

161	GOM_NL__2PRFIN20080510_120911_000000442068_00267_32385_9203.N1	10-MAY-2008 12:09:11	Straylight	44.000	43	Alp TrA	1.9100	4250.0	88	32385	No
162	GOM_NL__2PRFIN20080510_121123_000000372068_00267_32385_9204.N1	10-MAY-2008 12:11:23	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	32385	No
163	GOM_NL__2PRFIN20080510_121312_000000452068_00267_32385_9205.N1	10-MAY-2008 12:13:12	Straylight	45.000	4	Alp1Cen	-0.010000	5800.0	90	32385	No
164	GOM_NL__2PRFIN20080510_121644_000000372068_00267_32385_9206.N1	10-MAY-2008 12:16:44	Straylight	37.000	78	Alp Lup	2.3040	28000.	74	32385	No
165	GOM_NL__2PRFIN20080510_121815_000000402068_00267_32385_9207.N1	10-MAY-2008 12:18:15	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	32385	No
166	GOM_NL__2PRFIN20080510_122013_000000402068_00267_32385_9208.N1	10-MAY-2008 12:20:13	Tw_i_and_stray	39.500	54	5The Cen	2.0550	4500.0	79	32385	No
167	GOM_NL__2PRFIN20080510_122533_000000342068_00267_32385_9209.N1	10-MAY-2008 12:25:33	Bright	34.000	122	9Alp2Lib	2.7470	9700.0	68	32385	No
168	GOM_NL__2PRFIN20080510_122739_000000382068_00267_32385_9210.N1	10-MAY-2008 12:27:39	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32385	No
169	GOM_NL__2PRFIN20080510_123400_000000352068_00267_32385_9211.N1	10-MAY-2008 12:34:00	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	32385	No
170	GOM_NL__2PRFIN20080510_123548_000000352068_00267_32385_9212.N1	10-MAY-2008 12:35:48	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	32385	No
171	GOM_NL__2PRFIN20080510_124135_000000352068_00267_32385_9213.N1	10-MAY-2008 12:41:35	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	32385	No
172	GOM_NL__2PRFIN20080510_124435_000000342068_00267_32385_9214.N1	10-MAY-2008 12:44:35	Bright	34.000	39	85Eta UMa	1.8540	24000.	68	32385	No
173	GOM_NL__2PRFIN20080510_124607_000000352068_00267_32385_9215.N1	10-MAY-2008 12:46:07	Bright	34.500	55	79Zet UMa	2.0600	10200.	69	32385	No
174	GOM_NL__2PRFIN20080510_124922_000000382068_00267_32385_9216.N1	10-MAY-2008 12:49:22	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	32385	No
175	GOM_NL__2PRFIN20080510_125200_000000382068_00267_32385_9217.N1	10-MAY-2008 12:52:00	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32385	No
176	GOM_NL__2PRFIN20080510_125612_000000332068_00267_32385_9218.N1	10-MAY-2008 12:56:12	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	32385	No
177	GOM_NL__2PRFIN20080510_130422_000000332068_00267_32385_9219.N1	10-MAY-2008 13:04:22	Bright	32.500	76	27Gam Cas	2.3000	30000.	65	32385	No
178	GOM_NL__2PRFIN20080510_130537_000000532068_00267_32385_9220.N1	10-MAY-2008 13:05:37	Bright	53.000	68	18Alp Cas	2.2250	4500.0	106	32385	No
179	GOM_NL__2PRFIN20080510_131349_000000382068_00267_32385_9221.N1	10-MAY-2008 13:13:49	Bright	38.000	58	21Alp And	2.0730	11000.	76	32385	No
180	GOM_NL__2PRFIN20080510_131750_000000402068_00267_32385_9222.N1	10-MAY-2008 13:17:50	Twilight	39.500	140	88Gam Peg	2.8340	26000.	79	32385	No
181	GOM_NL__2PRFIN20080510_132634_000000442068_00267_32385_9223.N1	10-MAY-2008 13:26:34	Dark	43.500	52	16Bet Cet	2.0370	4500.0	87	32385	No
182	GOM_NL__2PRFIN20080510_133323_000000402068_00267_32385_9224.N1	10-MAY-2008 13:33:23	Dark	39.500	84	Alp Phe	2.3970	4500.0	79	32385	No
183	GOM_NL__2PRFIN20080510_133703_000000562068_00267_32385_9225.N1	10-MAY-2008 13:37:03	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	32385	No
184	GOM_NL__2PRFIN20080510_133823_000000432068_00267_32385_9226.N1	10-MAY-2008 13:38:23	Dark	42.500	31	Alp Gru	1.7340	15200.	85	32385	No
185	GOM_NL__2PRFIN20080510_134028_000000412068_00268_32386_9216.N1	10-MAY-2008 13:40:28	Dark	40.500	148	Alp Tuc	2.8780	4100.0	81	32386	No
186	GOM_NL__2PRFIN20080510_134358_000000412068_00268_32386_9217.N1	10-MAY-2008 13:43:58	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32386	No
187	GOM_NL__2PRFIN20080510_134948_000000392068_00268_32386_9218.N1	10-MAY-2008 13:49:48	Straylight	39.000	43	Alp TrA	1.9100	4250.0	78	32386	No
188	GOM_NL__2PRFIN20080510_135159_000000372068_00268_32386_9219.N1	10-MAY-2008 13:51:59	Straylight	36.500	134	Bet TrA	2.8100	6600.0	73	32386	No
189	GOM_NL__2PRFIN20080510_135349_000000492068_00268_32386_9220.N1	10-MAY-2008 13:53:49	Straylight	48.500	4	Alp1Cen	-0.010000	5800.0	97	32386	No
190	GOM_NL__2PRFIN20080510_135720_000000372068_00268_32386_9221.N1	10-MAY-2008 13:57:20	Straylight	37.000	78	Alp Lup	2.3040	28000.	74	32386	No
191	GOM_NL__2PRFIN20080510_135851_000000382068_00268_32386_9222.N1	10-MAY-2008 13:58:51	Straylight	38.000	81	Eta Cen	2.3560	28000.	76	32386	No
192	GOM_NL__2PRFIN20080510_140049_000000442068_00268_32386_9223.N1	10-MAY-2008 14:00:49	Tw_i_and_stray	43.500	54	5The Cen	2.0550	4500.0	87	32386	No
193	GOM_NL__2PRFIN20080510_154645_000000402068_00269_32387_9225.N1	10-MAY-2008 15:46:45	Bright	40.000	122	9Alp2Lib	2.7470	9700.0	80	32387	No
194	GOM_NL__2PRFIN20080510_154851_000000382068_00269_32387_9226.N1	10-MAY-2008 15:48:51	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	32387	No
195	GOM_NL__2PRFIN20080510_155512_000000352068_00269_32387_9227.N1	10-MAY-2008 15:55:12	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	32387	No
196	GOM_NL__2PRFIN20080510_155700_000000352068_00269_32387_9228.N1	10-MAY-2008 15:57:00	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	32387	No
197	GOM_NL__2PRFIN20080510_160247_000000352068_00269_32387_9229.N1	10-MAY-2008 16:02:47	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	32387	No
198	GOM_NL__2PRFIN20080510_160547_000000352068_00269_32387_9230.N1	10-MAY-2008 16:05:47	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	32387	No
199	GOM_NL__2PRFIN20080510_160718_000000342068_00269_32387_9231.N1	10-MAY-2008 16:07:18	Bright	34.000	55	79Zet UMa	2.0600	10200.	68	32387	No
200	GOM_NL__2PRFIN20080510_161034_000000382068_00269_32387_9232.N1	10-MAY-2008 16:10:34	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	32387	No
201	GOM_NL__2PRFIN20080510_161312_000000392068_00269_32387_9233.N1	10-MAY-2008 16:13:12	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	32387	No
202	GOM_NL__2PRFIN20080510_161724_000000362068_00269_32387_9234.N1	10-MAY-2008 16:17:24	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32387	No
203	GOM_NL__2PRFIN20080510_162534_000000342068_00269_32387_9235.N1	10-MAY-2008 16:25:34	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	32387	No
204	GOM_NL__2PRFIN20080510_162649_000000532068_00269_32387_9236.N1	10-MAY-2008 16:26:49	Bright	53.000	68	18Alp Cas	2.2250	4500.0	106	32387	No
205	GOM_NL__2PRFIN20080510_163501_000000372068_00269_32387_9237.N1	10-MAY-2008 16:35:01	Bright	37.000	58	21Alp And	2.0730	11000.	74	32387	No
206	GOM_NL__2PRFIN20080510_163903_000000402068_00269_32387_9238.N1	10-MAY-2008 16:39:03	Twilight	39.500	140	88Gam Peg	2.8340	26000.	79	32387	No
207	GOM_NL__2PRFIN20080510_164747_000000422068_00269_32387_9239.N1	10-MAY-2008 16:47:47	Dark	42.000	52	16Bet Cet	2.0370	4500.0	84	32387	No
208	GOM_NL__2PRFIN20080510_165436_000000402068_00269_32387_9240.N1	10-MAY-2008 16:54:36	Dark	40.000	84	Alp Phe	2.3970	4500.0	80	32387	No
209	GOM_NL__2PRFIN20080510_165816_000000522068_00269_32387_9241.N1	10-MAY-2008 16:58:16	Dark	52.000	63	Bet Gru	2.1500	2800.0	104	32387	No
210	GOM_NL__2PRFIN20080510_165936_000000442068_00269_32387_9242.N1	10-MAY-2008 16:59:36	Dark	43.500	31	Alp Gru	1.7340	15200.	87	32387	No
211	GOM_NL__2PRFIN20080510_170141_000000392068_00270_32388_9250.N1	10-MAY-2008 17:01:41	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32388	No
212	GOM_NL__2PRFIN20080510_170512_000000412068_00270_32388_9251.N1	10-MAY-2008 17:05:12	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32388	No
213	GOM_NL__2PRFIN20080510_171100_000000382068_00270_32388_9252.N1	10-MAY-2008 17:11:00	Straylight	37.500	43	Alp TrA	1.9100	4250.0	75	32388	No
214	GOM_NL__2PRFIN20080510_171312_000000372068_00270_32388_9253.N1	10-MAY-2008 17:13:12	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	32388	No
215	GOM_NL__2PRFIN20080510_171501_000000502068_00270_32388_9254.N1	10-MAY-2008 17:15:01	Straylight	49.500	4	Alp1Cen	-0.010000	5800.0	99	32388	No
216	GOM_NL__2PRFIN20080510_171833_000000392068_00270_32388_9255.N1	10-MAY-2008 17:18:33	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	32388	No
217	GOM_NL__2PRFIN20080510_172004_000000382068_00270_32388_9256.N1	10-MAY-2008 17:20:04	Straylight	37.500	81	Eta Cen	2.3560	28000.	75	32388	No
218	GOM_NL__2PRFIN20080510_172202_000000432068_00270_32388_9257.N1	10-MAY-2008 17:22:02	Tw_i_and_stray	43.000	54	5The Cen	2.0550	4500.0	86	32388	No
219	GOM_NL__2PRFIN20080510_172722_000000392068_00270_32388_9258.N1	10-MAY-2008 17:27:22	Bright	39.000	122	9Alp2Lib	2.7470	9700.0	78	32388	No

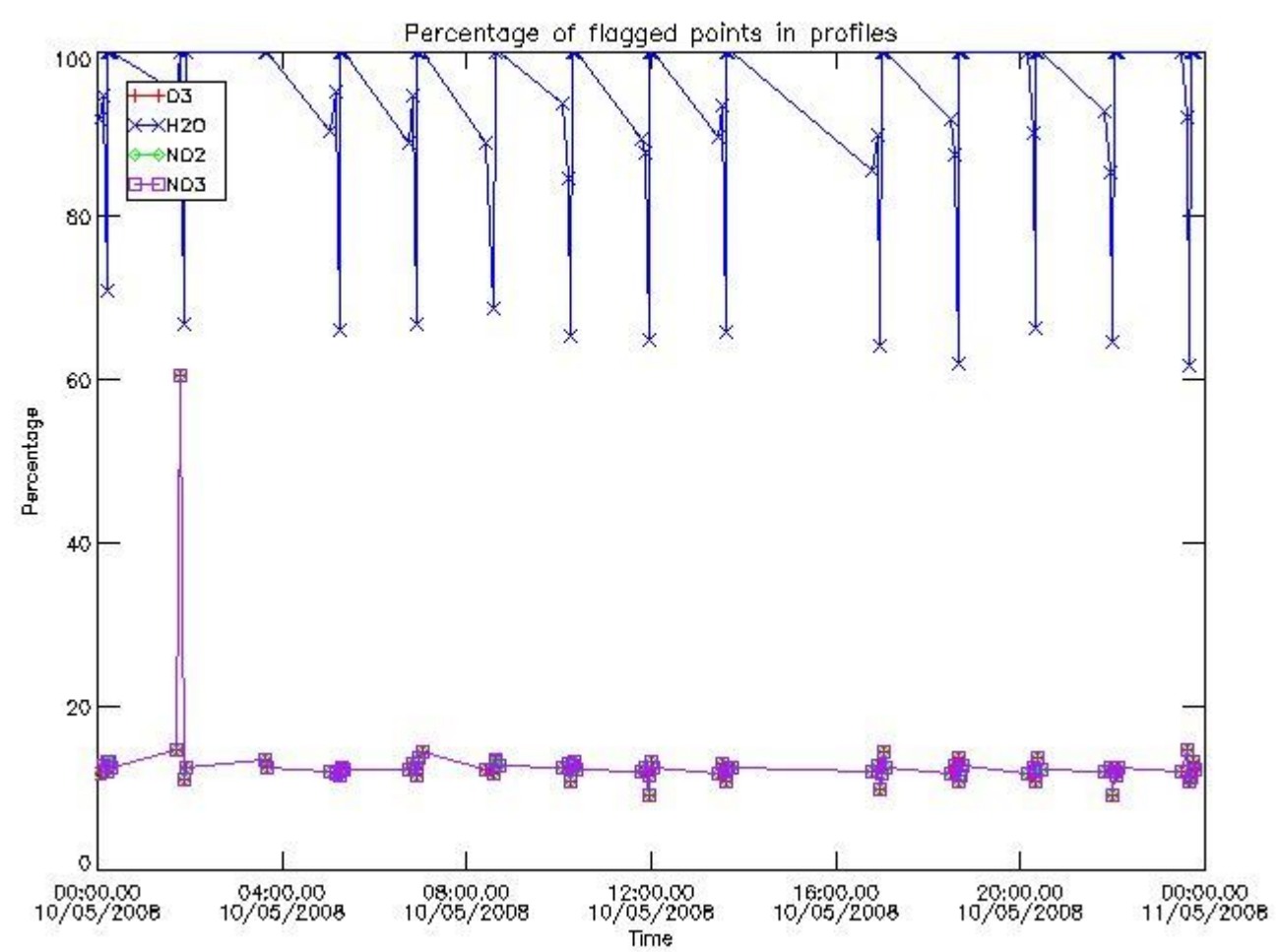
220	GOM_NL__2PRFIN20080510_172927_000000382068_00270_32388_9259.N1	10-MAY-2008 17:29:27	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	32388	No
221	GOM_NL__2PRFIN20080510_173548_000000352068_00270_32388_9260.N1	10-MAY-2008 17:35:48	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	32388	No
222	GOM_NL__2PRFIN20080510_173735_000000352068_00270_32388_9261.N1	10-MAY-2008 17:37:35	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	32388	No
223	GOM_NL__2PRFIN20080510_174323_000000352068_00270_32388_9262.N1	10-MAY-2008 17:43:23	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	32388	No
224	GOM_NL__2PRFIN20080510_174623_000000372068_00270_32388_9263.N1	10-MAY-2008 17:46:23	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	32388	No
225	GOM_NL__2PRFIN20080510_174754_000000372068_00270_32388_9264.N1	10-MAY-2008 17:47:54	Bright	36.500	55	79Zet UMa	2.0600	10200.	73	32388	No
226	GOM_NL__2PRFIN20080510_175111_000000372068_00270_32388_9265.N1	10-MAY-2008 17:51:11	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	32388	No
227	GOM_NL__2PRFIN20080510_175347_000000392068_00270_32388_9266.N1	10-MAY-2008 17:53:47	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	32388	No
228	GOM_NL__2PRFIN20080510_175800_000000372068_00270_32388_9267.N1	10-MAY-2008 17:58:00	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	32388	No
229	GOM_NL__2PRFIN20080510_180610_000000332068_00270_32388_9268.N1	10-MAY-2008 18:06:10	Bright	32.500	76	27Gam Cas	2.3000	30000.	65	32388	No
230	GOM_NL__2PRFIN20080510_180725_000000342068_00270_32388_9269.N1	10-MAY-2008 18:07:25	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	32388	No
231	GOM_NL__2PRFIN20080510_181537_000000402068_00270_32388_9270.N1	10-MAY-2008 18:15:37	Bright	39.500	58	21Alp And	2.0730	11000.	79	32388	No
232	GOM_NL__2PRFIN20080510_181939_000000402068_00270_32388_9271.N1	10-MAY-2008 18:19:39	Twilight	40.000	140	88Gam Peg	2.8340	26000.	80	32388	No
233	GOM_NL__2PRFIN20080510_182823_000000432068_00270_32388_9272.N1	10-MAY-2008 18:28:23	Dark	43.000	52	16Bet Cet	2.0370	4500.0	86	32388	No
234	GOM_NL__2PRFIN20080510_183512_000000402068_00270_32388_9273.N1	10-MAY-2008 18:35:12	Dark	40.000	84	Alp Phe	2.3970	4500.0	80	32388	No
235	GOM_NL__2PRFIN20080510_183853_000000472068_00270_32388_9274.N1	10-MAY-2008 18:38:53	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	32388	No
236	GOM_NL__2PRFIN20080510_184013_000000412068_00270_32388_9275.N1	10-MAY-2008 18:40:13	Dark	40.500	31	Alp Gru	1.7340	15200.	81	32388	No
237	GOM_NL__2PRFIN20080510_184218_000000452068_00271_32389_9266.N1	10-MAY-2008 18:42:18	Dark	44.500	148	Alp Tuc	2.8780	4100.0	89	32389	No
238	GOM_NL__2PRFIN20080510_184548_000000402068_00271_32389_9267.N1	10-MAY-2008 18:45:48	Dark	40.000	45	Alp Pav	1.9400	26000.	80	32389	No
239	GOM_NL__2PRFIN20080510_185136_000000402068_00271_32389_9268.N1	10-MAY-2008 18:51:36	Straylight	40.000	43	Alp TrA	1.9100	4250.0	80	32389	No
240	GOM_NL__2PRFIN20080510_185348_000000362068_00271_32389_9269.N1	10-MAY-2008 18:53:48	Straylight	36.000	134	Bet TrA	2.8100	6600.0	72	32389	No
241	GOM_NL__2PRFIN20080510_185537_000000452068_00271_32389_9270.N1	10-MAY-2008 18:55:37	Straylight	45.000	4	Alp1Cen	-0.010000	5800.0	90	32389	No
242	GOM_NL__2PRFIN20080510_185909_000000392068_00271_32389_9271.N1	10-MAY-2008 18:59:09	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	32389	No
243	GOM_NL__2PRFIN20080510_190040_000000402068_00271_32389_9272.N1	10-MAY-2008 19:00:40	Straylight	39.500	81	Eta Cen	2.3560	28000.	79	32389	No
244	GOM_NL__2PRFIN20080510_190238_000000442068_00271_32389_9273.N1	10-MAY-2008 19:02:38	Twilight	44.000	54	5The Cen	2.0550	4500.0	88	32389	No
245	GOM_NL__2PRFIN20080510_190758_000000382068_00271_32389_9274.N1	10-MAY-2008 19:07:58	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	32389	No
246	GOM_NL__2PRFIN20080510_191003_000000392068_00271_32389_9275.N1	10-MAY-2008 19:10:03	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	32389	No
247	GOM_NL__2PRFIN20080510_191624_000000352068_00271_32389_9276.N1	10-MAY-2008 19:16:24	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	32389	No
248	GOM_NL__2PRFIN20080510_191811_000000362068_00271_32389_9277.N1	10-MAY-2008 19:18:11	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	32389	No
249	GOM_NL__2PRFIN20080510_192359_000000352068_00271_32389_9278.N1	10-MAY-2008 19:23:59	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	32389	No
250	GOM_NL__2PRFIN20080510_192659_000000372068_00271_32389_9279.N1	10-MAY-2008 19:26:59	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	32389	No
251	GOM_NL__2PRFIN20080510_192830_000000362068_00271_32389_9280.N1	10-MAY-2008 19:28:30	Bright	36.000	55	79Zet UMa	2.0600	10200.	72	32389	No
252	GOM_NL__2PRFIN20080510_193147_000000372068_00271_32389_9281.N1	10-MAY-2008 19:31:47	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	32389	No
253	GOM_NL__2PRFIN20080510_193423_000000352068_00271_32389_9282.N1	10-MAY-2008 19:34:23	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	32389	No
254	GOM_NL__2PRFIN20080510_193836_000000362068_00271_32389_9283.N1	10-MAY-2008 19:38:36	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32389	No
255	GOM_NL__2PRFIN20080510_194646_000000522068_00271_32389_9284.N1	10-MAY-2008 19:46:46	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	32389	No
256	GOM_NL__2PRFIN20080510_194801_000000342068_00271_32389_9285.N1	10-MAY-2008 19:48:01	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	32389	No
257	GOM_NL__2PRFIN20080510_195614_000000392068_00271_32389_9286.N1	10-MAY-2008 19:56:14	Bright	38.500	58	21Alp And	2.0730	11000.	77	32389	No
258	GOM_NL__2PRFIN20080510_200015_000000412068_00271_32389_9287.N1	10-MAY-2008 20:00:15	Twilight	40.500	140	88Gam Peg	2.8340	26000.	81	32389	No
259	GOM_NL__2PRFIN20080510_200859_000000432068_00271_32389_9288.N1	10-MAY-2008 20:08:59	Dark	43.000	52	16Bet Cet	2.0370	4500.0	86	32389	No
260	GOM_NL__2PRFIN20080510_201548_000000412068_00271_32389_9289.N1	10-MAY-2008 20:15:48	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	32389	No
261	GOM_NL__2PRFIN20080510_201929_000000472068_00271_32389_9290.N1	10-MAY-2008 20:19:29	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	32389	No
262	GOM_NL__2PRFIN20080510_202049_000000422068_00271_32389_9291.N1	10-MAY-2008 20:20:49	Dark	42.000	31	Alp Gru	1.7340	15200.	84	32389	No
263	GOM_NL__2PRFIN20080510_202254_000000372068_00272_32390_9280.N1	10-MAY-2008 20:22:54	Dark	37.000	148	Alp Tuc	2.8780	4100.0	74	32390	No
264	GOM_NL__2PRFIN20080510_202625_000000422068_00272_32390_9281.N1	10-MAY-2008 20:26:25	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32390	No
265	GOM_NL__2PRFIN20080510_203213_000000442068_00272_32390_9282.N1	10-MAY-2008 20:32:13	Straylight	43.500	43	Alp TrA	1.9100	4250.0	87	32390	No
266	GOM_NL__2PRFIN20080510_203424_000000372068_00272_32390_9283.N1	10-MAY-2008 20:34:24	Straylight	36.500	134	Bet TrA	2.8100	6600.0	73	32390	No
267	GOM_NL__2PRFIN20080510_203613_000000392068_00272_32390_9284.N1	10-MAY-2008 20:36:13	Straylight	38.500	4	Alp1Cen	-0.010000	5800.0	77	32390	No
268	GOM_NL__2PRFIN20080510_203945_000000392068_00272_32390_9285.N1	10-MAY-2008 20:39:45	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	32390	No
269	GOM_NL__2PRFIN20080510_204116_000000412068_00272_32390_9286.N1	10-MAY-2008 20:41:16	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	32390	No
270	GOM_NL__2PRFIN20080510_204314_000000482068_00272_32390_9287.N1	10-MAY-2008 20:43:14	Twilight	48.000	54	5The Cen	2.0550	4500.0	96	32390	No
271	GOM_NL__2PRFIN20080510_204834_000000402068_00272_32390_9288.N1	10-MAY-2008 20:48:34	Bright	39.500	122	9Alp2Lib	2.7470	9700.0	79	32390	No
272	GOM_NL__2PRFIN20080510_205039_000000382068_00272_32390_9289.N1	10-MAY-2008 20:50:39	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	32390	No
273	GOM_NL__2PRFIN20080510_205701_000000362068_00272_32390_9290.N1	10-MAY-2008 20:57:01	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	32390	No
274	GOM_NL__2PRFIN20080510_205847_000000352068_00272_32390_9291.N1	10-MAY-2008 20:58:47	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	32390	No
275	GOM_NL__2PRFIN20080510_210735_000000342068_00272_32390_9292.N1	10-MAY-2008 21:07:35	Bright	33.500	39	85Eta UMa	1.8540	24000.	67	32390	No
276	GOM_NL__2PRFIN20080510_210906_000000352068_00272_32390_9293.N1	10-MAY-2008 21:09:06	Bright	34.500	55	79Zet UMa	2.0600	10200.	69	32390	No
277	GOM_NL__2PRFIN20080510_211223_000000392068_00272_32390_9294.N1	10-MAY-2008 21:12:23	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	32390	No
278	GOM_NL__2PRFIN20080510_211459_000000392068_00272_32390_9295.N1	10-MAY-2008 21:14:59	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	32390	No

279	GOM_NL__2PRFIN20080510_211912_000000362068_00272_32390_9296.N1	10-MAY-2008 21:19:12	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32390	No
280	GOM_NL__2PRFIN20080510_212722_000000522068_00272_32390_9297.N1	10-MAY-2008 21:27:22	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	32390	No
281	GOM_NL__2PRFIN20080510_212836_000000532068_00272_32390_9298.N1	10-MAY-2008 21:28:36	Bright	53.000	68	18Alp Cas	2.2250	4500.0	106	32390	No
282	GOM_NL__2PRFIN20080510_213650_000000382068_00272_32390_9299.N1	10-MAY-2008 21:36:50	Bright	38.000	58	21Alp And	2.0730	11000.	76	32390	No
283	GOM_NL__2PRFIN20080510_214051_000000412068_00272_32390_9300.N1	10-MAY-2008 21:40:51	Twilight	40.500	140	88Gam Peg	2.8340	26000.	81	32390	No
284	GOM_NL__2PRFIN20080510_214935_000000422068_00272_32390_9301.N1	10-MAY-2008 21:49:35	Dark	42.000	52	16Bet Cet	2.0370	4500.0	84	32390	No
285	GOM_NL__2PRFIN20080510_215624_000000412068_00272_32390_9302.N1	10-MAY-2008 21:56:24	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	32390	No
286	GOM_NL__2PRFIN20080510_220005_000000562068_00272_32390_9303.N1	10-MAY-2008 22:00:05	Dark	55.500	63	Bet Gru	2.1500	2800.0	111	32390	No
287	GOM_NL__2PRFIN20080510_220126_000000422068_00272_32390_9304.N1	10-MAY-2008 22:01:26	Dark	42.000	31	Alp Gru	1.7340	15200.	84	32390	No
288	GOM_NL__2PRFIN20080510_220330_000000442068_00273_32391_9295.N1	10-MAY-2008 22:03:30	Dark	44.000	148	Alp Tuc	2.8780	4100.0	88	32391	No
289	GOM_NL__2PRFIN20080510_220702_000000412068_00273_32391_9296.N1	10-MAY-2008 22:07:02	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32391	No
290	GOM_NL__2PRFIN20080510_221249_000000412068_00273_32391_9297.N1	10-MAY-2008 22:12:49	Straylight	41.000	43	Alp TrA	1.9100	4250.0	82	32391	No
291	GOM_NL__2PRFIN20080510_221501_000000372068_00273_32391_9298.N1	10-MAY-2008 22:15:01	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	32391	No
292	GOM_NL__2PRFIN20080510_221649_000000452068_00273_32391_9299.N1	10-MAY-2008 22:16:49	Straylight	45.000	4	Alp1Cen	-0.010000	5800.0	90	32391	No
293	GOM_NL__2PRFIN20080510_222021_000000402068_00273_32391_9300.N1	10-MAY-2008 22:20:21	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	32391	No
294	GOM_NL__2PRFIN20080510_222152_000000402068_00273_32391_9301.N1	10-MAY-2008 22:21:52	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	32391	No
295	GOM_NL__2PRFIN20080510_222350_000000432068_00273_32391_9302.N1	10-MAY-2008 22:23:50	Tw_and_stray	42.500	54	5The Cen	2.0550	4500.0	85	32391	No
296	GOM_NL__2PRFIN20080510_222910_000000392068_00273_32391_9303.N1	10-MAY-2008 22:29:10	Bright	39.000	122	9Alp2Lib	2.7470	9700.0	78	32391	No
297	GOM_NL__2PRFIN20080510_223115_000000382068_00273_32391_9304.N1	10-MAY-2008 22:31:15	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32391	No
298	GOM_NL__2PRFIN20080510_223737_000000352068_00273_32391_9305.N1	10-MAY-2008 22:37:37	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	32391	No
299	GOM_NL__2PRFIN20080510_223923_000000352068_00273_32391_9306.N1	10-MAY-2008 22:39:23	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	32391	No
300	GOM_NL__2PRFIN20080510_224511_000000352068_00273_32391_9307.N1	10-MAY-2008 22:45:11	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	32391	No
301	GOM_NL__2PRFIN20080510_224811_000000352068_00273_32391_9308.N1	10-MAY-2008 22:48:11	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	32391	No
302	GOM_NL__2PRFIN20080510_224942_000000342068_00273_32391_9309.N1	10-MAY-2008 22:49:42	Bright	34.000	55	79Zet UMa	2.0600	10200.	68	32391	No
303	GOM_NL__2PRFIN20080510_225259_000000382068_00273_32391_9310.N1	10-MAY-2008 22:52:59	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	32391	No
304	GOM_NL__2PRFIN20080510_225535_000000362068_00273_32391_9311.N1	10-MAY-2008 22:55:35	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	32391	No
305	GOM_NL__2PRFIN20080510_225948_000000352068_00273_32391_9312.N1	10-MAY-2008 22:59:48	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32391	No
306	GOM_NL__2PRFIN20080510_230758_000000352068_00273_32391_9313.N1	10-MAY-2008 23:07:58	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32391	No
307	GOM_NL__2PRFIN20080510_230912_000000412068_00273_32391_9314.N1	10-MAY-2008 23:09:12	Bright	41.000	68	18Alp Cas	2.2250	4500.0	82	32391	No
308	GOM_NL__2PRFIN20080510_231726_000000522068_00273_32391_9315.N1	10-MAY-2008 23:17:26	Bright	51.500	58	21Alp And	2.0730	11000.	103	32391	No
309	GOM_NL__2PRFIN20080510_232127_000000392068_00273_32391_9316.N1	10-MAY-2008 23:21:27	Twilight	39.000	140	88Gam Peg	2.8340	26000.	78	32391	No
310	GOM_NL__2PRFIN20080510_233011_000000422068_00273_32391_9317.N1	10-MAY-2008 23:30:11	Dark	42.000	52	16Bet Cet	2.0370	4500.0	84	32391	No
311	GOM_NL__2PRFIN20080510_233700_000000382068_00273_32391_9318.N1	10-MAY-2008 23:37:00	Dark	38.000	84	Alp Phe	2.3970	4500.0	76	32391	No
312	GOM_NL__2PRFIN20080510_234042_000000482068_00273_32391_9319.N1	10-MAY-2008 23:40:42	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	32391	No
313	GOM_NL__2PRFIN20080510_234203_000000452068_00273_32391_9320.N1	10-MAY-2008 23:42:03	Dark	45.000	31	Alp Gru	1.7340	15200.	90	32391	No
314	GOM_NL__2PRFIN20080510_234407_000000392068_00274_32392_9308.N1	10-MAY-2008 23:44:07	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32392	No
315	GOM_NL__2PRFIN20080510_234738_000000422068_00274_32392_9309.N1	10-MAY-2008 23:47:38	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32392	No
316	GOM_NL__2PRFIN20080510_235325_000000402068_00274_32392_9310.N1	10-MAY-2008 23:53:25	Straylight	39.500	43	Alp TrA	1.9100	4250.0	79	32392	No
317	GOM_NL__2PRFIN20080510_235537_000000372068_00274_32392_9311.N1	10-MAY-2008 23:55:37	Straylight	36.500	134	Bet TrA	2.8100	6600.0	73	32392	No
318	GOM_NL__2PRFIN20080510_235725_000000522068_00274_32392_9312.N1	10-MAY-2008 23:57:25	Straylight	52.000	4	Alp1Cen	-0.010000	5800.0	104	32392	No

3. Quality information per product

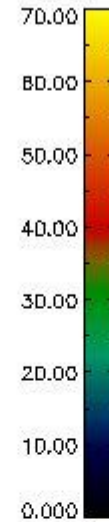
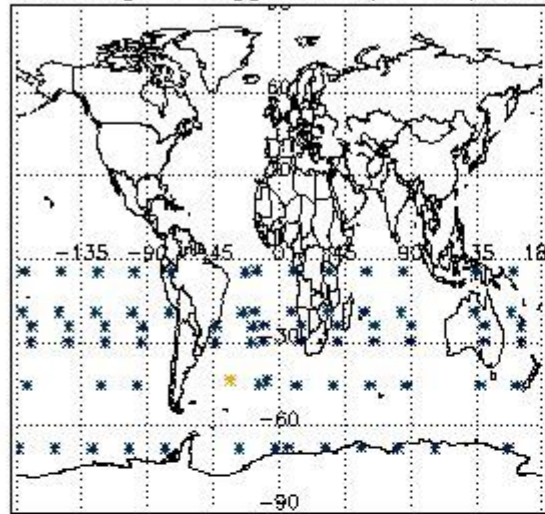
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

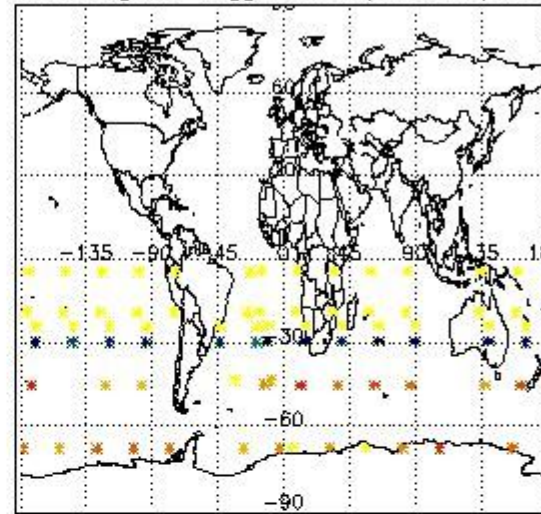


3.2 Plot quality information per product (world map)

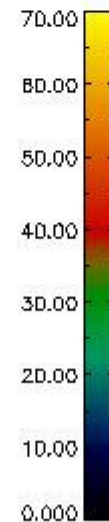
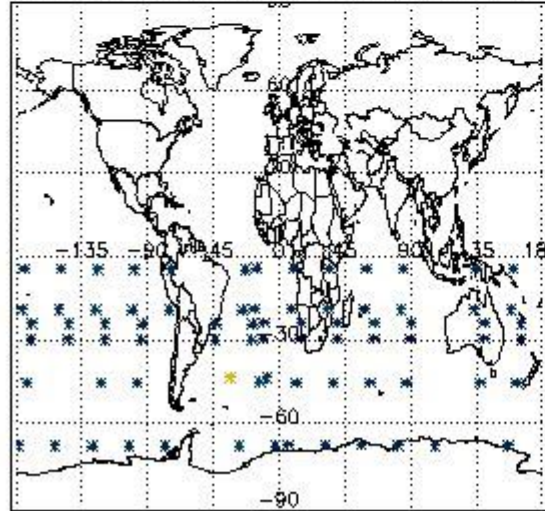
Percentage of flagged data per O3 profile



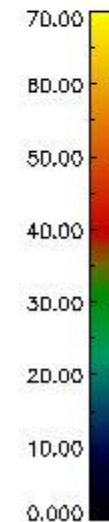
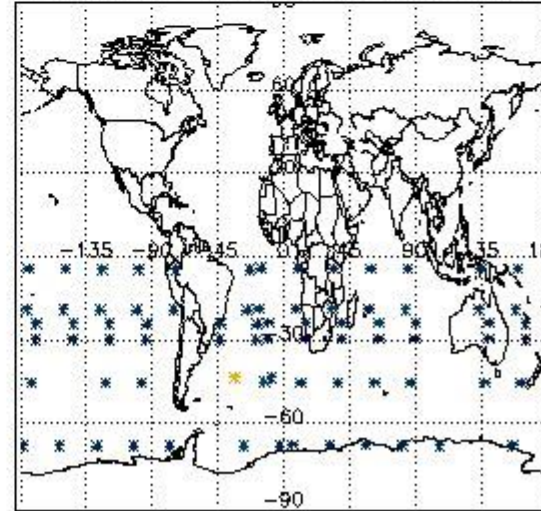
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

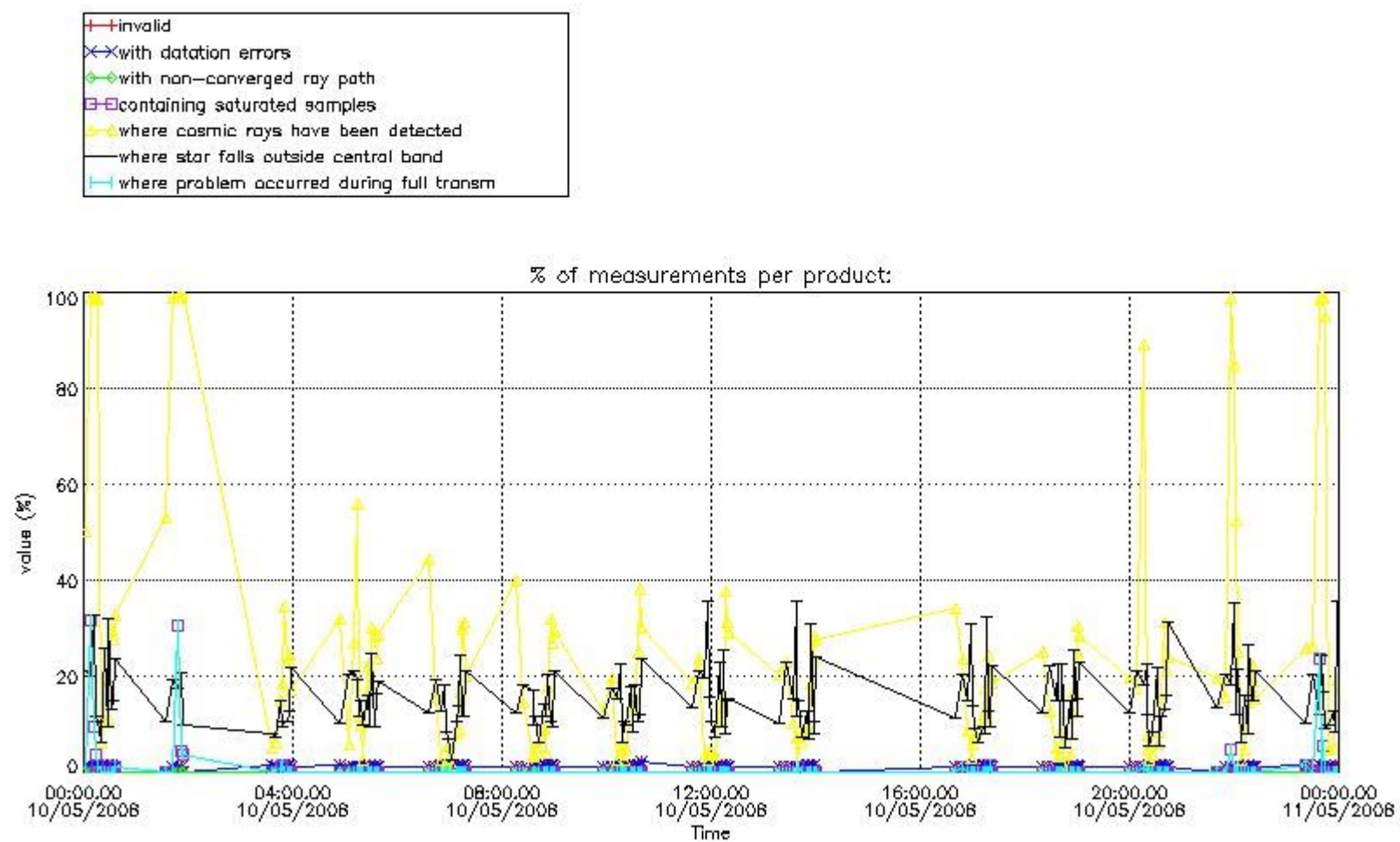


4. Level 1 quality information per product

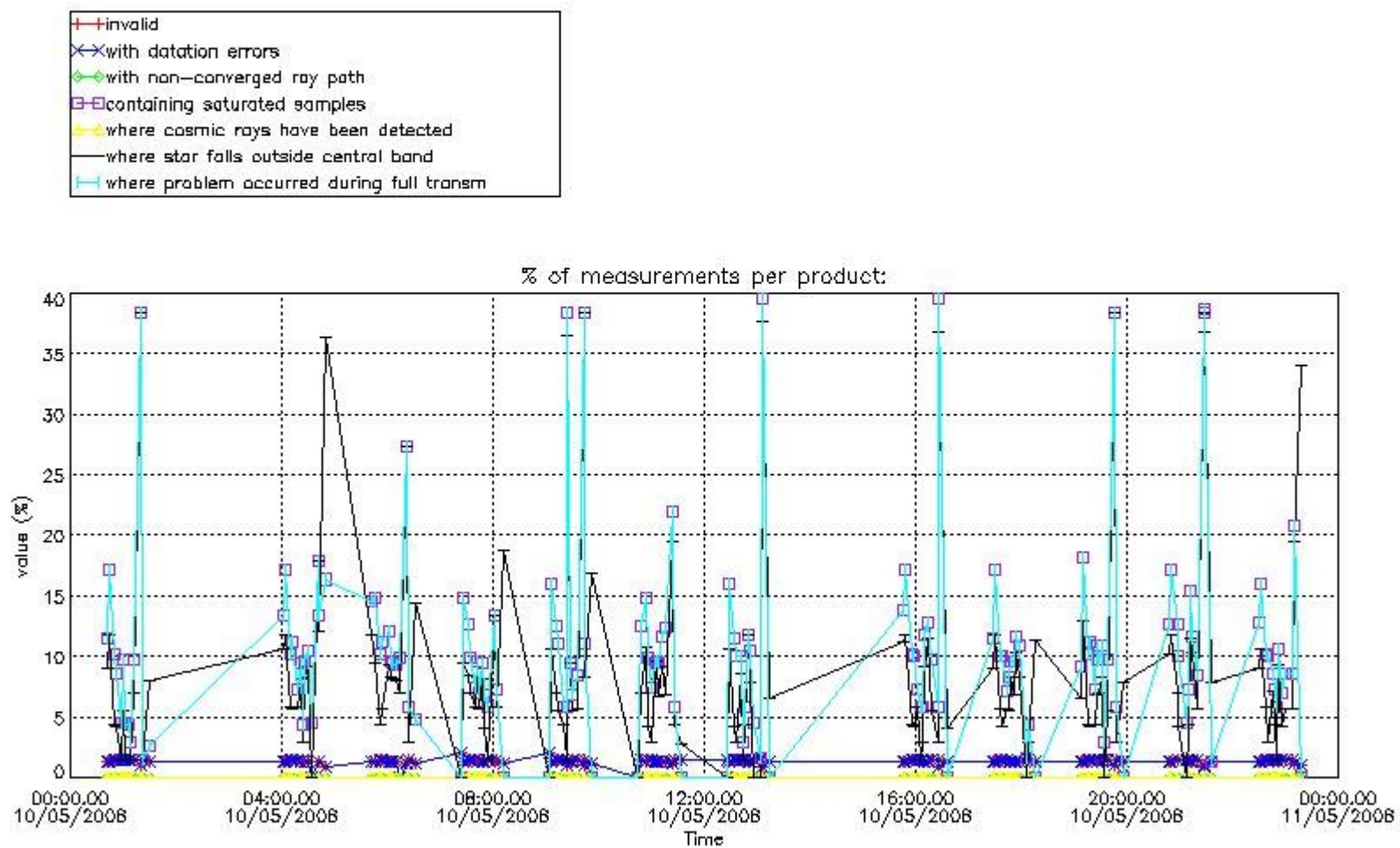
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



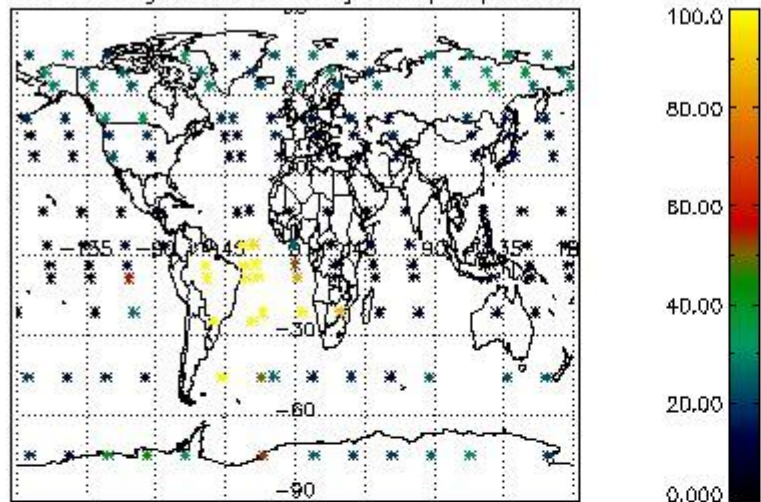
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



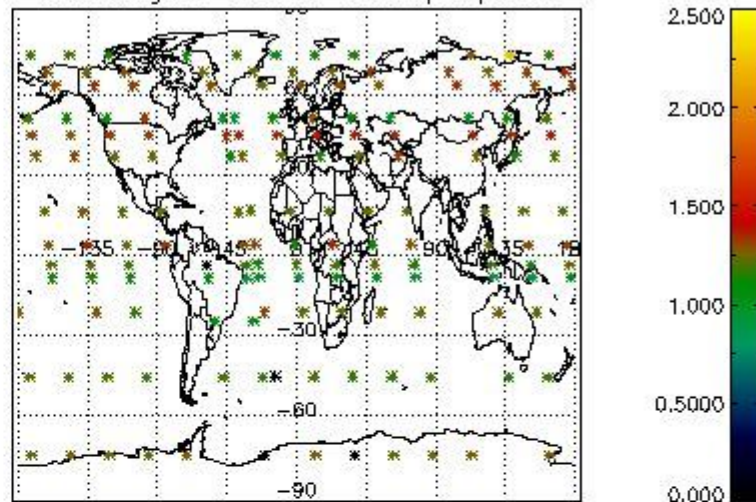
4.2 Plot quality information per product coming from level 1b processing (world map)

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

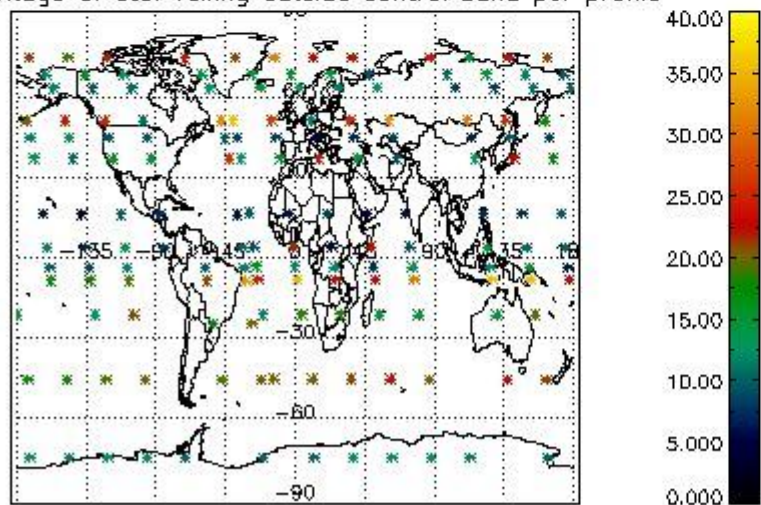
Percentage of cosmic ray hits per profile



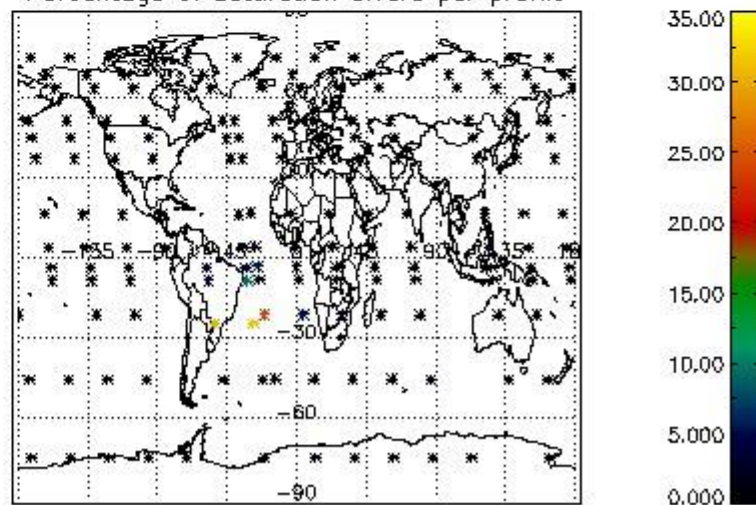
Percentage of datation errors per profile



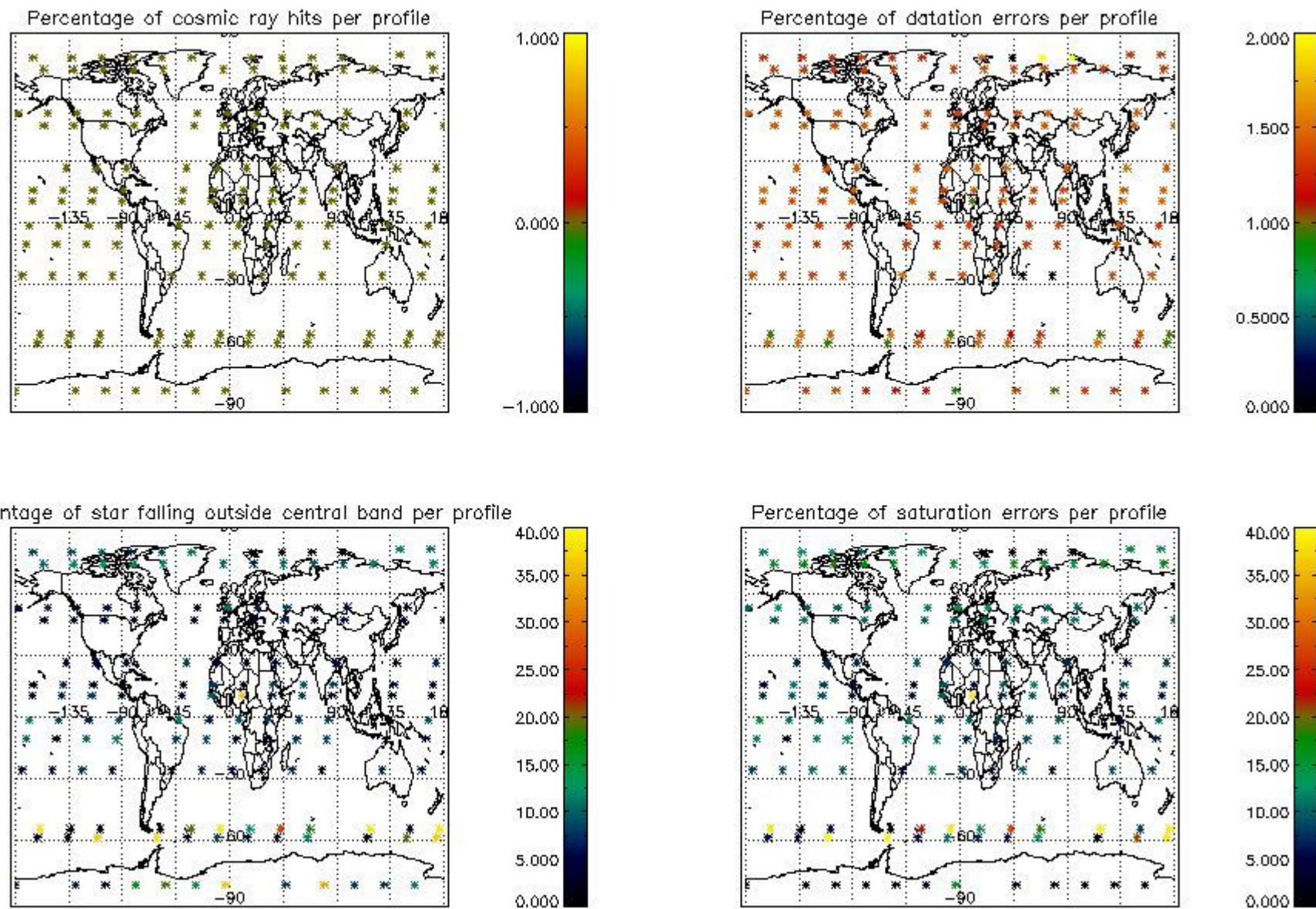
Percentage of star falling outside central band per profile



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

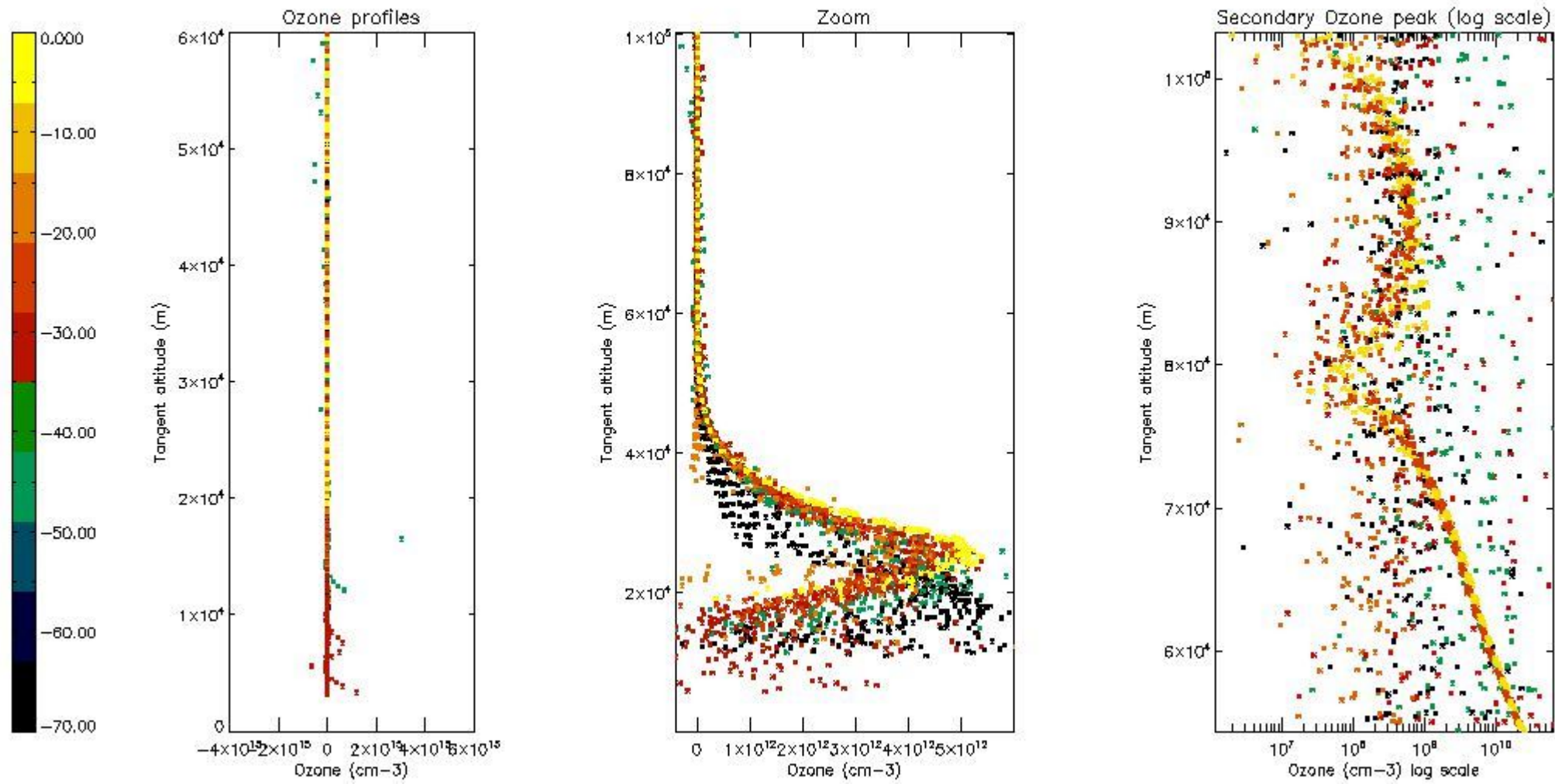
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	11

STD < 10	7
STD < 5	5

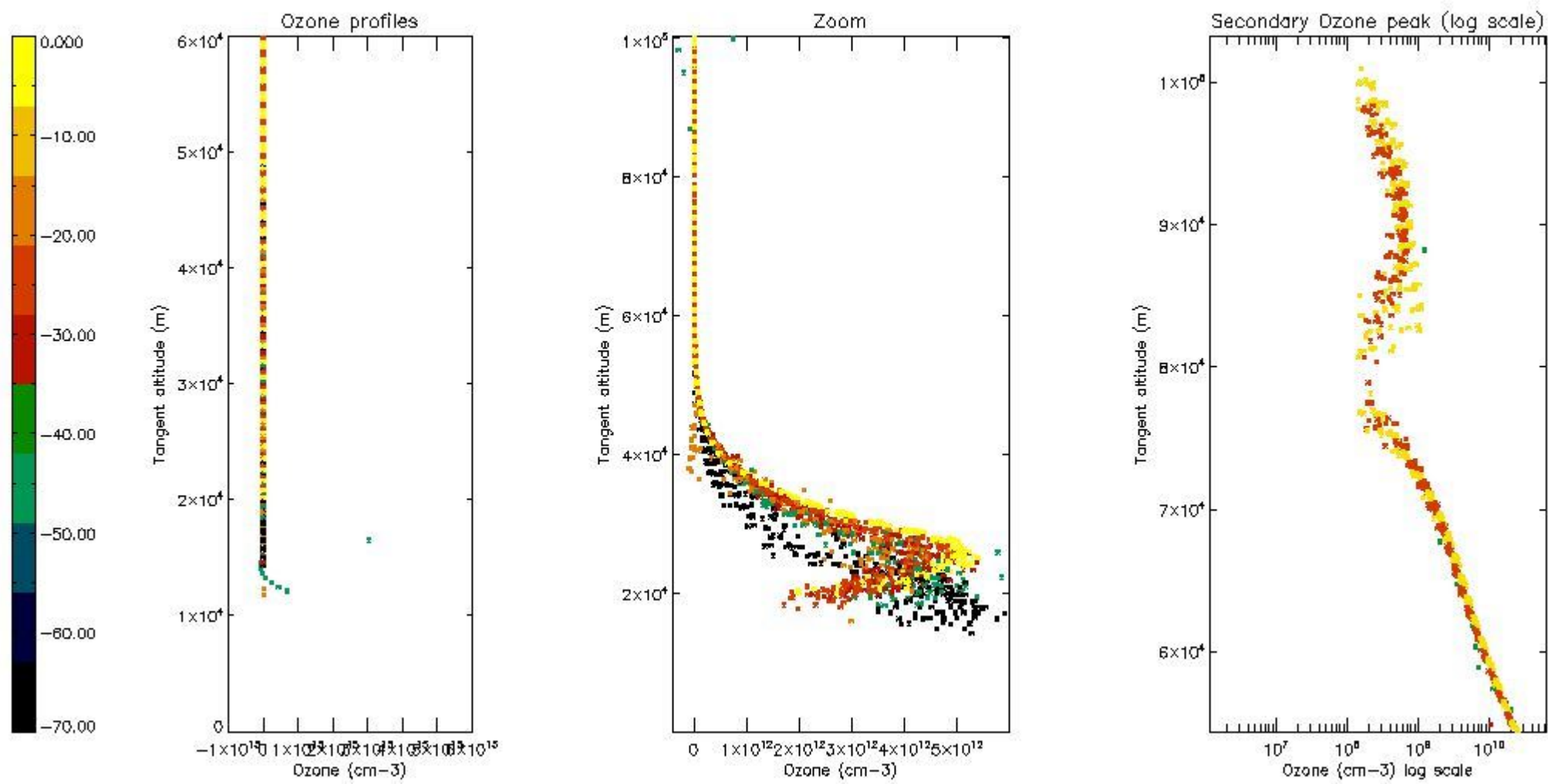
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



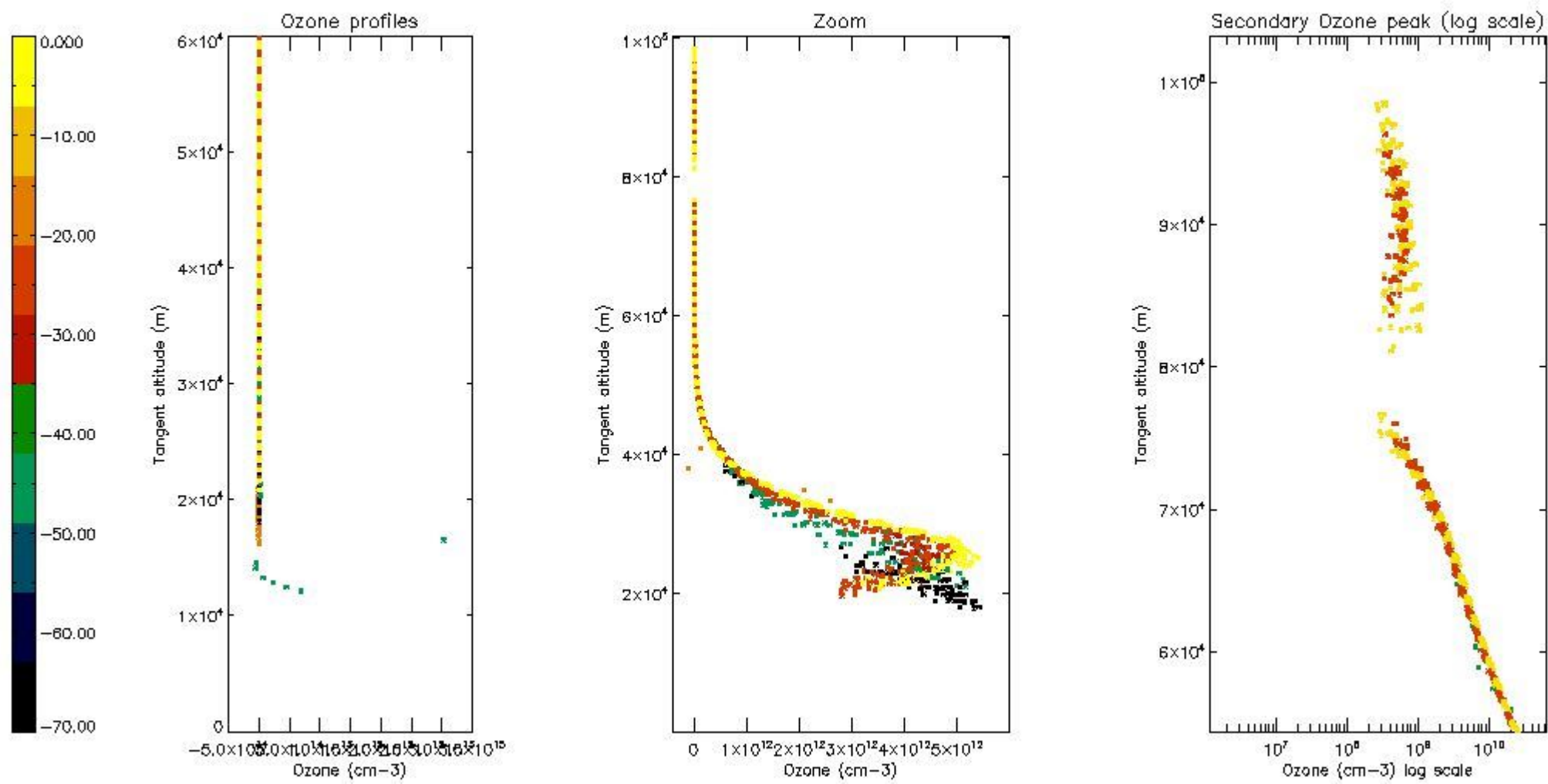
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



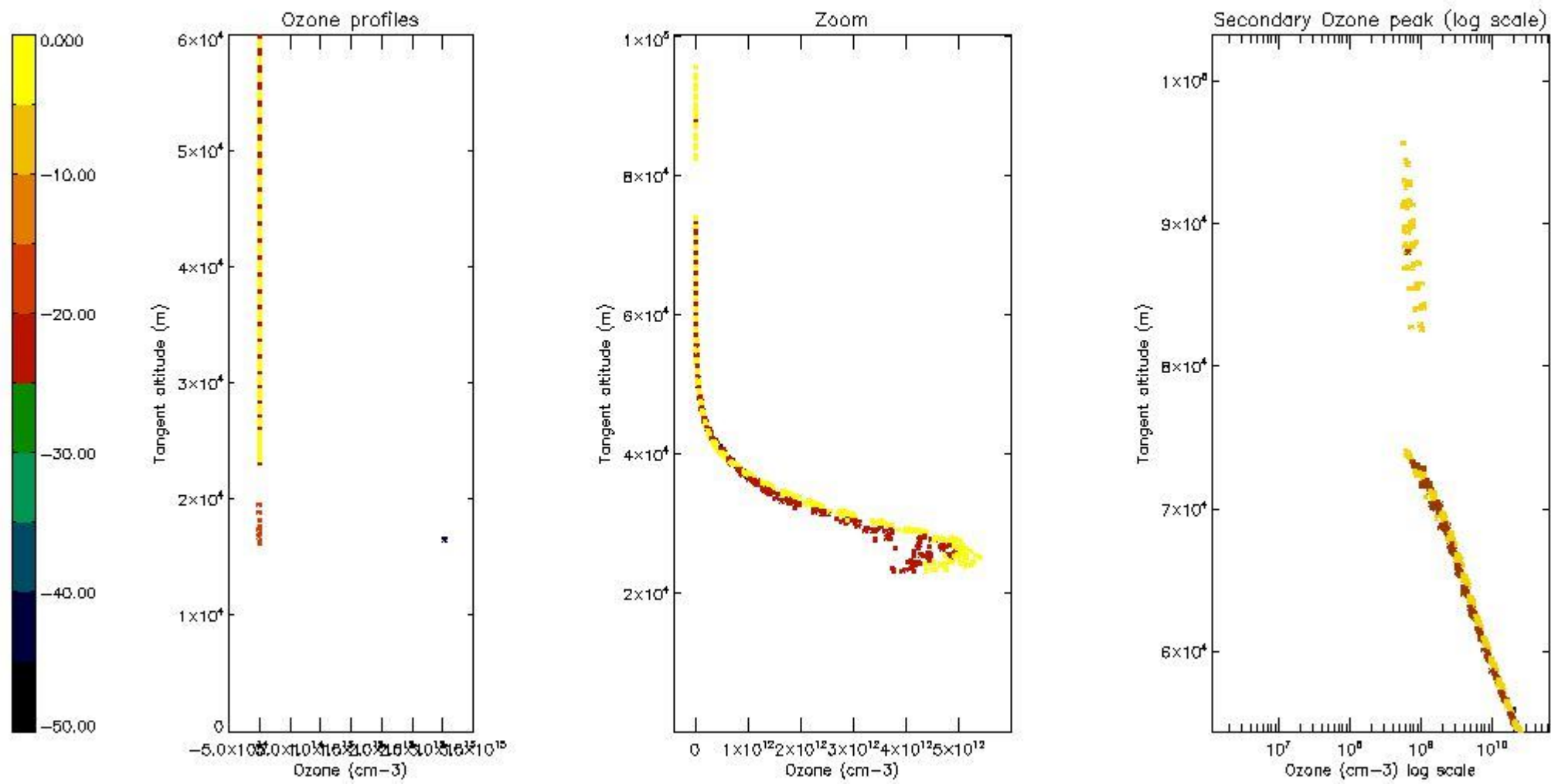
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



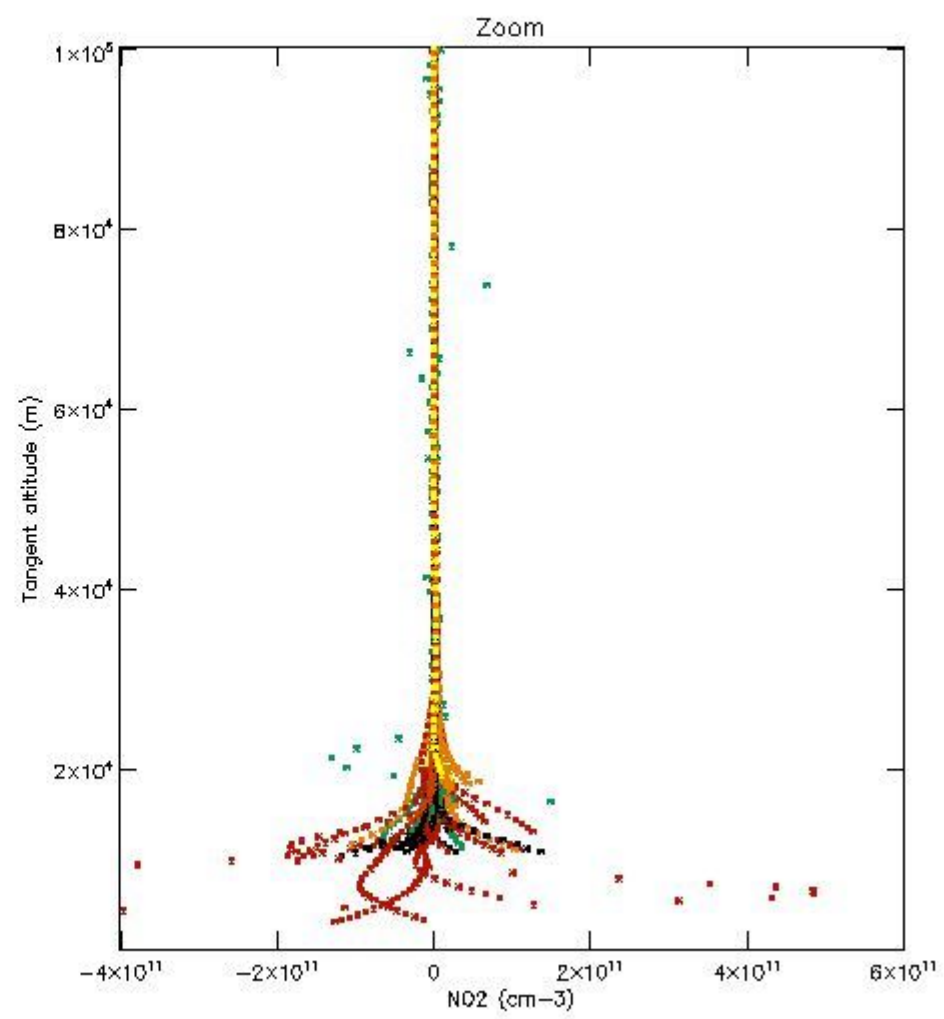
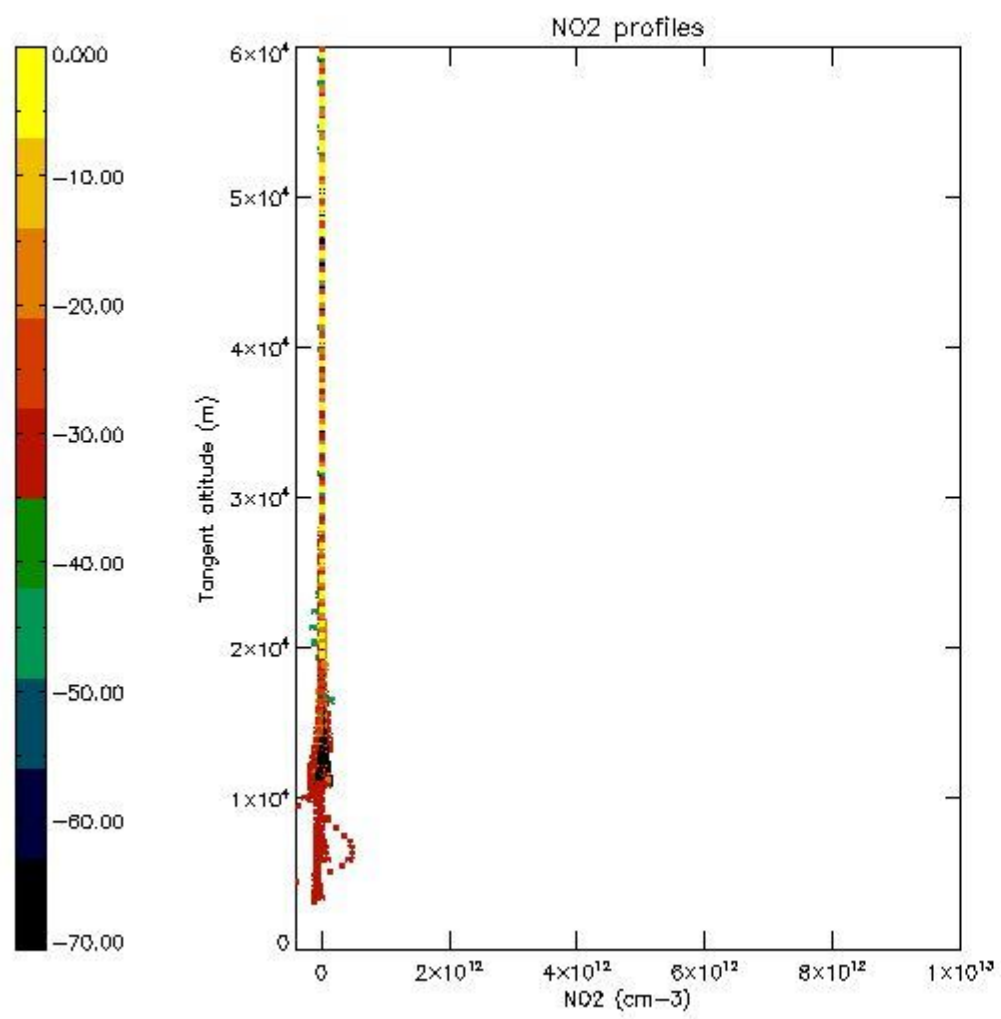
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



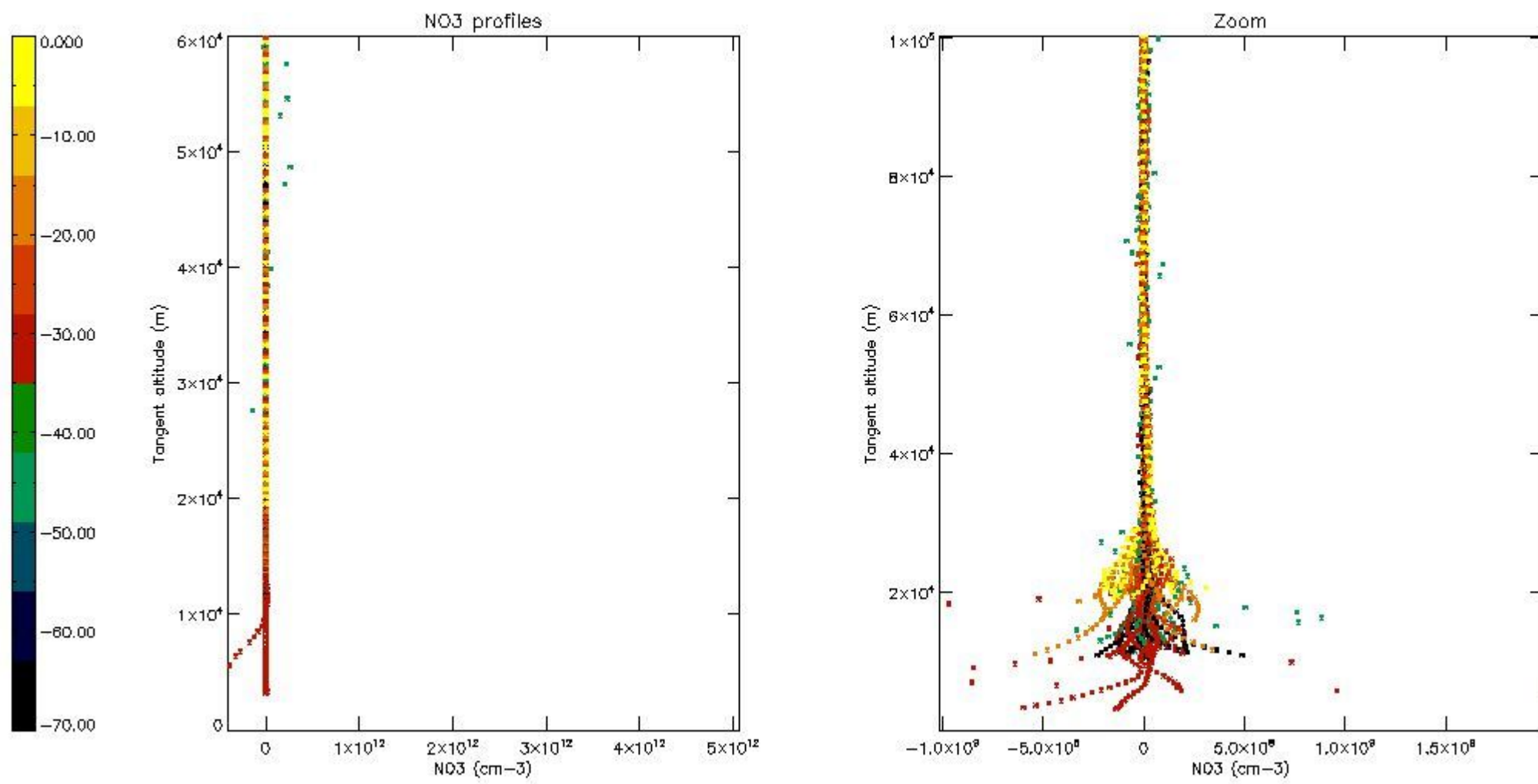
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



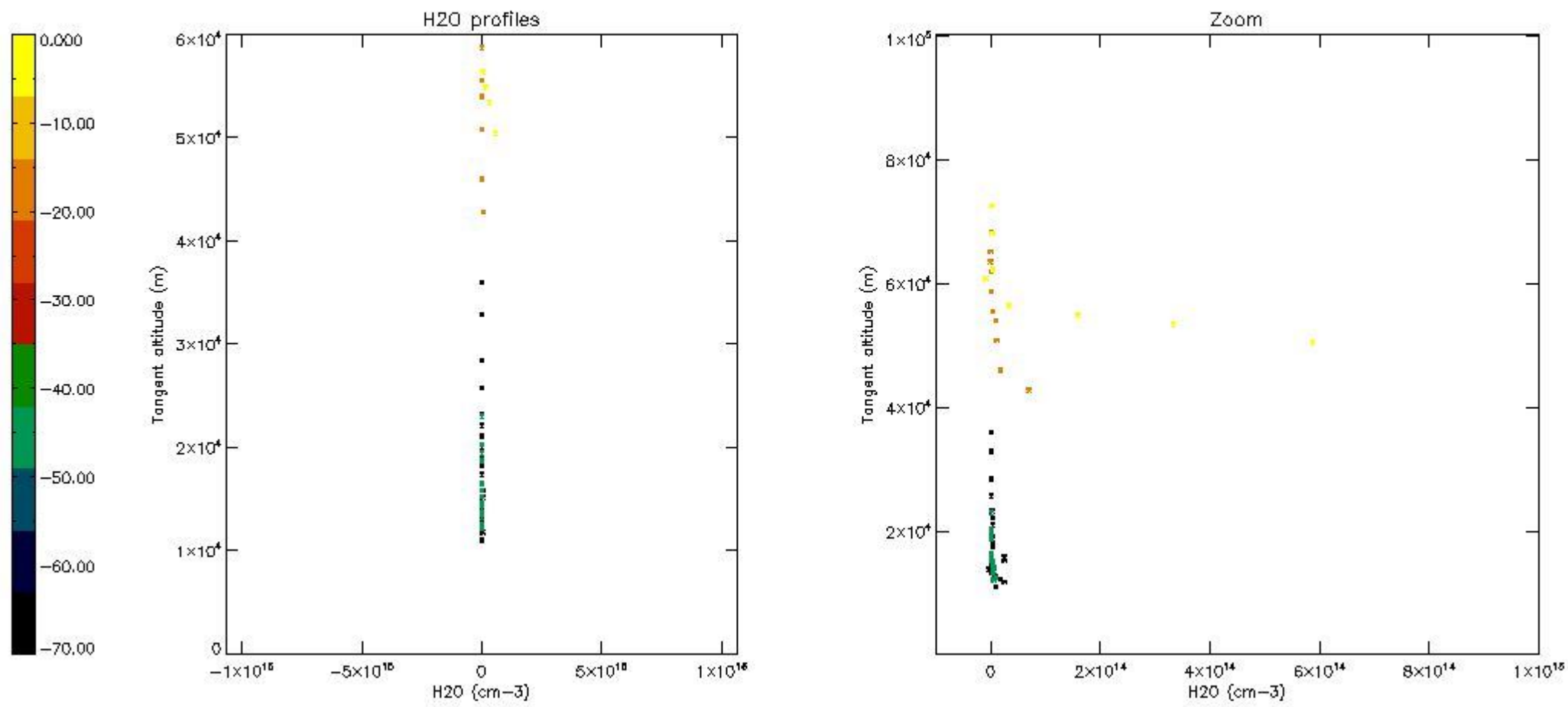
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	10-MAY-2008 00:01:45
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	10-MAY-2008 00:01:45
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	10-MAY-2008 00:01:45

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

[5. Ozone profiles based on quality statistics and other trace gas profiles](#)

[5.1 Ozone statistics based on quality of products](#)

[5.2 Plot ozone profiles for all STD \(dark without errors\)](#)

[5.3 Plot ozone profiles where STD < 20% \(dark without errors\)](#)

[5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

[5.5. Plot ozone profiles where STD < 5% \(dark without errors\)](#)

[5.6 Plot NO2 profiles for all STD \(dark without errors\)](#)

[5.7 Plot NO3 profiles for all STD \(dark without errors\)](#)

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

[6. Auxiliary Data Files used for the production reported in section 2](#)

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	25APR2013 14:01:36
Data source version	GOMOS/6.01
Start time of products	10-05-2008 (10MAY2008 00:00:00)
Stop time of products	11-05-2008 (11MAY2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	318
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__2PRFIN20080510_000145_000000432068_00259_32377_9095.N1	10-MAY-2008 00:01:45	Dark	43.000	52	16Bet Cet	2.0370	4500.0	86	32377	No
2	GOM_NL__2PRFIN20080510_000739_000000482068_00259_32377_9096.N1	10-MAY-2008 00:07:39	Dark	47.500	18	24Alp PsA	1.1660	9700.0	95	32377	No
3	GOM_NL__2PRFIN20080510_001211_000000542068_00259_32377_9097.N1	10-MAY-2008 00:12:11	Dark	53.500	63	Bet Gru	2.1500	2800.0	107	32377	No
4	GOM_NL__2PRFIN20080510_001330_000000432068_00259_32377_9098.N1	10-MAY-2008 00:13:30	Dark	42.500	31	Alp Gru	1.7340	15200.	85	32377	No
5	GOM_NL__2PRFIN20080510_001537_000000392068_00260_32378_9099.N1	10-MAY-2008 00:15:37	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32378	No
6	GOM_NL__2PRFIN20080510_001905_000000412068_00260_32378_9100.N1	10-MAY-2008 00:19:05	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32378	No
7	GOM_NL__2PRFIN20080510_002457_000000472068_00260_32378_9101.N1	10-MAY-2008 00:24:57	Straylight	46.500	43	Alp TrA	1.9100	4250.0	93	32378	No
8	GOM_NL__2PRFIN20080510_002709_000000372068_00260_32378_9102.N1	10-MAY-2008 00:27:09	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	32378	No
9	GOM_NL__2PRFIN20080510_002859_000000502068_00260_32378_9103.N1	10-MAY-2008 00:28:59	Straylight	50.000	4	Alp1Cen	-0.010000	5800.0	100	32378	No
10	GOM_NL__2PRFIN20080510_003231_000000392068_00260_32378_9104.N1	10-MAY-2008 00:32:31	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	32378	No
11	GOM_NL__2PRFIN20080510_003402_000000402068_00260_32378_9105.N1	10-MAY-2008 00:34:02	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	32378	No
12	GOM_NL__2PRFIN20080510_003600_000000452068_00260_32378_9106.N1	10-MAY-2008 00:36:00	Twilight	44.500	54	5The Cen	2.0550	4500.0	89	32378	No
13	GOM_NL__2PRFIN20080510_004121_000000392068_00260_32378_9107.N1	10-MAY-2008 00:41:21	Bright	39.000	122	9Alp2Lib	2.7470	9700.0	78	32378	No
14	GOM_NL__2PRFIN20080510_004326_000000382068_00260_32378_9108.N1	10-MAY-2008 00:43:26	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	32378	No
15	GOM_NL__2PRFIN20080510_004947_000000352068_00260_32378_9109.N1	10-MAY-2008 00:49:47	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	32378	No
16	GOM_NL__2PRFIN20080510_005136_000000352068_00260_32378_9110.N1	10-MAY-2008 00:51:36	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	32378	No
17	GOM_NL__2PRFIN20080510_005722_000000342068_00260_32378_9111.N1	10-MAY-2008 00:57:22	Bright	33.500	152	12Alp2CVn	2.8900	11000.	67	32378	No
18	GOM_NL__2PRFIN20080510_010024_000000362068_00260_32378_9112.N1	10-MAY-2008 01:00:24	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	32378	No
19	GOM_NL__2PRFIN20080510_010155_000000332068_00260_32378_9113.N1	10-MAY-2008 01:01:55	Bright	33.000	55	79Zet UMa	2.0600	10200.	66	32378	No
20	GOM_NL__2PRFIN20080510_010508_000000352068_00260_32378_9114.N1	10-MAY-2008 01:05:08	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	32378	No
21	GOM_NL__2PRFIN20080510_010749_000000352068_00260_32378_9115.N1	10-MAY-2008 01:07:49	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	32378	No
22	GOM_NL__2PRFIN20080510_011201_000000362068_00260_32378_9116.N1	10-MAY-2008 01:12:01	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32378	No
23	GOM_NL__2PRFIN20080510_012010_000000522068_00260_32378_9117.N1	10-MAY-2008 01:20:10	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	32378	No
24	GOM_NL__2PRFIN20080510_012125_000000332068_00260_32378_9118.N1	10-MAY-2008 01:21:25	Bright	33.000	68	18Alp Cas	2.2250	4500.0	66	32378	No
25	GOM_NL__2PRFIN20080510_012936_000000382068_00260_32378_9119.N1	10-MAY-2008 01:29:36	Bright	37.500	58	21Alp And	2.0730	11000.	75	32378	No
26	GOM_NL__2PRFIN20080510_013337_000000392068_00260_32378_9120.N1	10-MAY-2008 01:33:37	Twilight	38.500	140	88Gam Peg	2.8340	26000.	77	32378	No
27	GOM_NL__2PRFIN20080510_014221_000000422068_00260_32378_9121.N1	10-MAY-2008 01:42:21	Dark	41.500	52	16Bet Cet	2.0370	4500.0	83	32378	No
28	GOM_NL__2PRFIN20080510_014815_000000462068_00260_32378_9122.N1	10-MAY-2008 01:48:15	Dark	46.000	18	24Alp PsA	1.1660	9700.0	92	32378	No
29	GOM_NL__2PRFIN20080510_015247_000000462068_00260_32378_9123.N1	10-MAY-2008 01:52:47	Dark	45.500	63	Bet Gru	2.1500	2800.0	91	32378	No
30	GOM_NL__2PRFIN20080510_015406_000000412068_00260_32378_9124.N1	10-MAY-2008 01:54:06	Dark	40.500	31	Alp Gru	1.7340	15200.	81	32378	No
31	GOM_NL__2PRFIN20080510_033650_000000382068_00262_32380_9128.N1	10-MAY-2008 03:36:50	Dark	38.000	148	Alp Tuc	2.8780	4100.0	76	32380	No
32	GOM_NL__2PRFIN20080510_034019_000000412068_00262_32380_9129.N1	10-MAY-2008 03:40:19	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32380	No
33	GOM_NL__2PRFIN20080510_034610_000000402068_00262_32380_9130.N1	10-MAY-2008 03:46:10	Straylight	40.000	43	Alp TrA	1.9100	4250.0	80	32380	No
34	GOM_NL__2PRFIN20080510_034822_000000382068_00262_32380_9131.N1	10-MAY-2008 03:48:22	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	32380	No
35	GOM_NL__2PRFIN20080510_035012_000000382068_00262_32380_9132.N1	10-MAY-2008 03:50:12	Straylight	37.500	4	Alp1Cen	-0.010000	5800.0	75	32380	No
36	GOM_NL__2PRFIN20080510_035343_000000382068_00262_32380_9133.N1	10-MAY-2008 03:53:43	Straylight	38.000	78	Alp Lup	2.3040	28000.	76	32380	No
37	GOM_NL__2PRFIN20080510_035514_000000392068_00262_32380_9134.N1	10-MAY-2008 03:55:14	Straylight	39.000	81	Eta Cen	2.3560	28000.	78	32380	No
38	GOM_NL__2PRFIN20080510_035713_000000442068_00262_32380_9135.N1	10-MAY-2008 03:57:13	Twilight	43.500	54	5The Cen	2.0550	4500.0	87	32380	No
39	GOM_NL__2PRFIN20080510_040123_000000382068_00262_32380_9136.N1	10-MAY-2008 04:01:23	Bright	37.500	169	46Gam Hya	2.9910	4700.0	75	32380	No
40	GOM_NL__2PRFIN20080510_040438_000000382068_00262_32380_9137.N1	10-MAY-2008 04:04:38	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	32380	No
41	GOM_NL__2PRFIN20080510_041059_000000352068_00262_32380_9138.N1	10-MAY-2008 04:10:59	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	32380	No
42	GOM_NL__2PRFIN20080510_041248_000000362068_00262_32380_9139.N1	10-MAY-2008 04:12:48	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	32380	No

43	GOM_NL__2PRFIN20080510_041835_000000352068_00262_32380_9140.N1	10-MAY-2008 04:18:35	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	32380	No
44	GOM_NL__2PRFIN20080510_042136_000000372068_00262_32380_9141.N1	10-MAY-2008 04:21:36	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	32380	No
45	GOM_NL__2PRFIN20080510_042307_000000342068_00262_32380_9142.N1	10-MAY-2008 04:23:07	Bright	34.000	55	79Zet UMa	2.0600	10200.	68	32380	No
46	GOM_NL__2PRFIN20080510_042620_000000372068_00262_32380_9143.N1	10-MAY-2008 04:26:20	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	32380	No
47	GOM_NL__2PRFIN20080510_042901_000000382068_00262_32380_9144.N1	10-MAY-2008 04:29:01	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32380	No
48	GOM_NL__2PRFIN20080510_043312_000000342068_00262_32380_9145.N1	10-MAY-2008 04:33:12	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	32380	No
49	GOM_NL__2PRFIN20080510_044122_000000392068_00262_32380_9146.N1	10-MAY-2008 04:41:22	Bright	39.000	76	27Gam Cas	2.3000	30000.	78	32380	No
50	GOM_NL__2PRFIN20080510_044237_000000382068_00262_32380_9147.N1	10-MAY-2008 04:42:37	Bright	37.500	68	18Alp Cas	2.2250	4500.0	75	32380	No
51	GOM_NL__2PRFIN20080510_045049_000000552068_00262_32380_9148.N1	10-MAY-2008 04:50:49	Bright	55.000	58	21Alp And	2.0730	11000.	110	32380	No
52	GOM_NL__2PRFIN20080510_045449_000000392068_00262_32380_9149.N1	10-MAY-2008 04:54:49	Twilight	39.000	140	88Gam Peg	2.8340	26000.	78	32380	No
53	GOM_NL__2PRFIN20080510_050333_000000422068_00262_32380_9150.N1	10-MAY-2008 05:03:33	Dark	42.000	52	16Bet Cet	2.0370	4500.0	84	32380	No
54	GOM_NL__2PRFIN20080510_051022_000000432068_00262_32380_9151.N1	10-MAY-2008 05:10:22	Dark	43.000	84	Alp Phe	2.3970	4500.0	86	32380	No
55	GOM_NL__2PRFIN20080510_051400_000000452068_00262_32380_9152.N1	10-MAY-2008 05:14:00	Dark	44.500	63	Bet Gru	2.1500	2800.0	89	32380	No
56	GOM_NL__2PRFIN20080510_051520_000000432068_00262_32380_9153.N1	10-MAY-2008 05:15:20	Dark	42.500	31	Alp Gru	1.7340	15200.	85	32380	No
57	GOM_NL__2PRFIN20080510_051727_000000412068_00263_32381_9142.N1	10-MAY-2008 05:17:27	Dark	40.500	148	Alp Tuc	2.8780	4100.0	81	32381	No
58	GOM_NL__2PRFIN20080510_052055_000000422068_00263_32381_9143.N1	10-MAY-2008 05:20:55	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32381	No
59	GOM_NL__2PRFIN20080510_052646_000000412068_00263_32381_9144.N1	10-MAY-2008 05:26:46	Straylight	40.500	43	Alp TrA	1.9100	4250.0	81	32381	No
60	GOM_NL__2PRFIN20080510_052858_000000382068_00263_32381_9145.N1	10-MAY-2008 05:28:58	Straylight	37.500	134	Bet TrA	2.8100	6600.0	75	32381	No
61	GOM_NL__2PRFIN20080510_053048_000000452068_00263_32381_9146.N1	10-MAY-2008 05:30:48	Straylight	44.500	4	Alp1Cen	-0.010000	5800.0	89	32381	No
62	GOM_NL__2PRFIN20080510_053420_000000372068_00263_32381_9147.N1	10-MAY-2008 05:34:20	Straylight	37.000	78	Alp Lup	2.3040	28000.	74	32381	No
63	GOM_NL__2PRFIN20080510_053551_000000402068_00263_32381_9148.N1	10-MAY-2008 05:35:51	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	32381	No
64	GOM_NL__2PRFIN20080510_053749_000000422068_00263_32381_9149.N1	10-MAY-2008 05:37:49	Tw_and_stray	42.000	54	5The Cen	2.0550	4500.0	84	32381	No
65	GOM_NL__2PRFIN20080510_054159_000000382068_00263_32381_9150.N1	10-MAY-2008 05:41:59	Bright	38.000	169	46Gam Hya	2.9910	4700.0	76	32381	No
66	GOM_NL__2PRFIN20080510_054514_000000372068_00263_32381_9151.N1	10-MAY-2008 05:45:14	Bright	37.000	15	67Alp Vir	0.97600	28000.	74	32381	No
67	GOM_NL__2PRFIN20080510_055136_000000352068_00263_32381_9152.N1	10-MAY-2008 05:51:36	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	32381	No
68	GOM_NL__2PRFIN20080510_055324_000000362068_00263_32381_9153.N1	10-MAY-2008 05:53:24	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	32381	No
69	GOM_NL__2PRFIN20080510_060212_000000382068_00263_32381_9154.N1	10-MAY-2008 06:02:12	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	32381	No
70	GOM_NL__2PRFIN20080510_060343_000000372068_00263_32381_9155.N1	10-MAY-2008 06:03:43	Bright	36.500	55	79Zet UMa	2.0600	10200.	73	32381	No
71	GOM_NL__2PRFIN20080510_060657_000000372068_00263_32381_9156.N1	10-MAY-2008 06:06:57	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	32381	No
72	GOM_NL__2PRFIN20080510_060937_000000382068_00263_32381_9157.N1	10-MAY-2008 06:09:37	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	32381	No
73	GOM_NL__2PRFIN20080510_061348_000000362068_00263_32381_9158.N1	10-MAY-2008 06:13:48	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32381	No
74	GOM_NL__2PRFIN20080510_062158_000000442068_00263_32381_9159.N1	10-MAY-2008 06:21:58	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	32381	No
75	GOM_NL__2PRFIN20080510_062313_000000352068_00263_32381_9160.N1	10-MAY-2008 06:23:13	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	32381	No
76	GOM_NL__2PRFIN20080510_063125_000000422068_00263_32381_9161.N1	10-MAY-2008 06:31:25	Bright	41.500	58	21Alp And	2.0730	11000.	83	32381	No
77	GOM_NL__2PRFIN20080510_063525_000000412068_00263_32381_9162.N1	10-MAY-2008 06:35:25	Twilight	40.500	140	88Gam Peg	2.8340	26000.	81	32381	No
78	GOM_NL__2PRFIN20080510_064410_000000422068_00263_32381_9163.N1	10-MAY-2008 06:44:10	Dark	41.500	52	16Bet Cet	2.0370	4500.0	83	32381	No
79	GOM_NL__2PRFIN20080510_065059_000000392068_00263_32381_9164.N1	10-MAY-2008 06:50:59	Dark	39.000	84	Alp Phe	2.3970	4500.0	78	32381	No
80	GOM_NL__2PRFIN20080510_065437_000000442068_00263_32381_9165.N1	10-MAY-2008 06:54:37	Dark	44.000	63	Bet Gru	2.1500	2800.0	88	32381	No
81	GOM_NL__2PRFIN20080510_065556_000000412068_00263_32381_9166.N1	10-MAY-2008 06:55:56	Dark	41.000	31	Alp Gru	1.7340	15200.	82	32381	No
82	GOM_NL__2PRFIN20080510_065803_000000372068_00264_32382_9153.N1	10-MAY-2008 06:58:03	Dark	37.000	148	Alp Tuc	2.8780	4100.0	74	32382	No
83	GOM_NL__2PRFIN20080510_070132_000000392068_00264_32382_9154.N1	10-MAY-2008 07:01:32	Dark	39.000	45	Alp Pav	1.9400	26000.	78	32382	No
84	GOM_NL__2PRFIN20080510_070723_000000382068_00264_32382_9155.N1	10-MAY-2008 07:07:23	Straylight	38.000	43	Alp TrA	1.9100	4250.0	76	32382	No
85	GOM_NL__2PRFIN20080510_070934_000000402068_00264_32382_9156.N1	10-MAY-2008 07:09:34	Straylight	39.500	134	Bet TrA	2.8100	6600.0	79	32382	No
86	GOM_NL__2PRFIN20080510_071124_000000452068_00264_32382_9157.N1	10-MAY-2008 07:11:24	Straylight	45.000	4	Alp1Cen	-0.010000	5800.0	90	32382	No
87	GOM_NL__2PRFIN20080510_071456_000000392068_00264_32382_9158.N1	10-MAY-2008 07:14:56	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	32382	No
88	GOM_NL__2PRFIN20080510_071627_000000392068_00264_32382_9159.N1	10-MAY-2008 07:16:27	Straylight	38.500	81	Eta Cen	2.3560	28000.	77	32382	No
89	GOM_NL__2PRFIN20080510_071825_000000432068_00264_32382_9160.N1	10-MAY-2008 07:18:25	Tw_and_stray	42.500	54	5The Cen	2.0550	4500.0	85	32382	No
90	GOM_NL__2PRFIN20080510_072345_000000252068_00264_32382_9161.N1	10-MAY-2008 07:23:45	Tw_and_stray	25.000	122	9Alp2Lib	2.7470	9700.0	50	32382	No
91	GOM_NL__2PRFIN20080510_072550_000000372068_00264_32382_9162.N1	10-MAY-2008 07:25:50	Bright	37.000	15	67Alp Vir	0.97600	28000.	74	32382	No
92	GOM_NL__2PRFIN20080510_073212_000000362068_00264_32382_9163.N1	10-MAY-2008 07:32:12	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	32382	No
93	GOM_NL__2PRFIN20080510_073400_000000362068_00264_32382_9164.N1	10-MAY-2008 07:34:00	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	32382	No
94	GOM_NL__2PRFIN20080510_073947_000000342068_00264_32382_9165.N1	10-MAY-2008 07:39:47	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	32382	No
95	GOM_NL__2PRFIN20080510_074248_000000372068_00264_32382_9166.N1	10-MAY-2008 07:42:48	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	32382	No
96	GOM_NL__2PRFIN20080510_074419_000000362068_00264_32382_9167.N1	10-MAY-2008 07:44:19	Bright	35.500	55	79Zet UMa	2.0600	10200.	71	32382	No
97	GOM_NL__2PRFIN20080510_074733_000000372068_00264_32382_9168.N1	10-MAY-2008 07:47:33	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	32382	No
98	GOM_NL__2PRFIN20080510_075013_000000372068_00264_32382_9169.N1	10-MAY-2008 07:50:13	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32382	No
99	GOM_NL__2PRFIN20080510_075424_000000342068_00264_32382_9170.N1	10-MAY-2008 07:54:24	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	32382	No
100	GOM_NL__2PRFIN20080510_080234_000000382068_00264_32382_9171.N1	10-MAY-2008 08:02:34	Bright	37.500	76	27Gam Cas	2.3000	30000.	75	32382	No
101	GOM_NL__2PRFIN20080510_080349_000000352068_00264_32382_9172.N1	10-MAY-2008 08:03:49	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	32382	No

102	GOM_NL__2PRFIN20080510_081201_000000432068_00264_32382_9173.N1	10-MAY-2008 08:12:01	Bright	42.500	58	21Alp And	2.0730	11000.	85	32382	No
103	GOM_NL__2PRFIN20080510_081602_000000402068_00264_32382_9174.N1	10-MAY-2008 08:16:02	Twilight	40.000	140	88Gam Peg	2.8340	26000.	80	32382	No
104	GOM_NL__2PRFIN20080510_082446_000000422068_00264_32382_9175.N1	10-MAY-2008 08:24:46	Dark	41.500	52	16Bet Cet	2.0370	4500.0	83	32382	No
105	GOM_NL__2PRFIN20080510_083513_000000442068_00264_32382_9176.N1	10-MAY-2008 08:35:13	Dark	43.500	63	Bet Gru	2.1500	2800.0	87	32382	No
106	GOM_NL__2PRFIN20080510_083633_000000422068_00264_32382_9177.N1	10-MAY-2008 08:36:33	Dark	41.500	31	Alp Gru	1.7340	15200.	83	32382	No
107	GOM_NL__2PRFIN20080510_083839_000000392068_00265_32383_9174.N1	10-MAY-2008 08:38:39	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32383	No
108	GOM_NL__2PRFIN20080510_084209_000000402068_00265_32383_9175.N1	10-MAY-2008 08:42:09	Dark	40.000	45	Alp Pav	1.9400	26000.	80	32383	No
109	GOM_NL__2PRFIN20080510_084759_000000392068_00265_32383_9176.N1	10-MAY-2008 08:47:59	Straylight	39.000	43	Alp TrA	1.9100	4250.0	78	32383	No
110	GOM_NL__2PRFIN20080510_085011_000000392068_00265_32383_9177.N1	10-MAY-2008 08:50:11	Straylight	38.500	134	Bet TrA	2.8100	6600.0	77	32383	No
111	GOM_NL__2PRFIN20080510_085200_000000422068_00265_32383_9178.N1	10-MAY-2008 08:52:00	Straylight	42.000	4	Alp1Cen	-0.010000	5800.0	84	32383	No
112	GOM_NL__2PRFIN20080510_085532_000000382068_00265_32383_9179.N1	10-MAY-2008 08:55:32	Straylight	37.500	78	Alp Lup	2.3040	28000.	75	32383	No
113	GOM_NL__2PRFIN20080510_085703_000000372068_00265_32383_9180.N1	10-MAY-2008 08:57:03	Straylight	37.000	81	Eta Cen	2.3560	28000.	74	32383	No
114	GOM_NL__2PRFIN20080510_085901_000000432068_00265_32383_9181.N1	10-MAY-2008 08:59:01	Twi_and_stray	42.500	54	5The Cen	2.0550	4500.0	85	32383	No
115	GOM_NL__2PRFIN20080510_090421_000000252068_00265_32383_9182.N1	10-MAY-2008 09:04:21	Twi_and_stray	25.000	122	9Alp2Lib	2.7470	9700.0	50	32383	No
116	GOM_NL__2PRFIN20080510_090627_000000382068_00265_32383_9183.N1	10-MAY-2008 09:06:27	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32383	No
117	GOM_NL__2PRFIN20080510_091248_000000362068_00265_32383_9184.N1	10-MAY-2008 09:12:48	Bright	36.000	138	47Eps Vir	2.8280	4700.0	72	32383	No
118	GOM_NL__2PRFIN20080510_091436_000000362068_00265_32383_9185.N1	10-MAY-2008 09:14:36	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	32383	No
119	GOM_NL__2PRFIN20080510_092023_000000342068_00265_32383_9186.N1	10-MAY-2008 09:20:23	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	32383	No
120	GOM_NL__2PRFIN20080510_092324_000000352068_00265_32383_9187.N1	10-MAY-2008 09:23:24	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	32383	No
121	GOM_NL__2PRFIN20080510_092455_000000522068_00265_32383_9188.N1	10-MAY-2008 09:24:55	Bright	52.000	55	79Zet UMa	2.0600	10200.	104	32383	No
122	GOM_NL__2PRFIN20080510_092809_000000372068_00265_32383_9189.N1	10-MAY-2008 09:28:09	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	32383	No
123	GOM_NL__2PRFIN20080510_093049_000000372068_00265_32383_9190.N1	10-MAY-2008 09:30:49	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	32383	No
124	GOM_NL__2PRFIN20080510_093500_000000362068_00265_32383_9191.N1	10-MAY-2008 09:35:00	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32383	No
125	GOM_NL__2PRFIN20080510_094310_000000522068_00265_32383_9192.N1	10-MAY-2008 09:43:10	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	32383	No
126	GOM_NL__2PRFIN20080510_094425_000000362068_00265_32383_9193.N1	10-MAY-2008 09:44:25	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	32383	No
127	GOM_NL__2PRFIN20080510_095237_000000422068_00265_32383_9194.N1	10-MAY-2008 09:52:37	Bright	41.500	58	21Alp And	2.0730	11000.	83	32383	No
128	GOM_NL__2PRFIN20080510_095638_000000402068_00265_32383_9195.N1	10-MAY-2008 09:56:38	Twilight	39.500	140	88Gam Peg	2.8340	26000.	79	32383	No
129	GOM_NL__2PRFIN20080510_100522_000000412068_00265_32383_9196.N1	10-MAY-2008 10:05:22	Dark	40.500	52	16Bet Cet	2.0370	4500.0	81	32383	No
130	GOM_NL__2PRFIN20080510_101211_000000402068_00265_32383_9197.N1	10-MAY-2008 10:12:11	Dark	39.500	84	Alp Phe	2.3970	4500.0	79	32383	No
131	GOM_NL__2PRFIN20080510_101550_000000472068_00265_32383_9198.N1	10-MAY-2008 10:15:50	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	32383	No
132	GOM_NL__2PRFIN20080510_101710_000000402068_00265_32383_9199.N1	10-MAY-2008 10:17:10	Dark	40.000	31	Alp Gru	1.7340	15200.	80	32383	No
133	GOM_NL__2PRFIN20080510_101916_000000392068_00266_32384_9187.N1	10-MAY-2008 10:19:16	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32384	No
134	GOM_NL__2PRFIN20080510_102245_000000422068_00266_32384_9188.N1	10-MAY-2008 10:22:45	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32384	No
135	GOM_NL__2PRFIN20080510_102835_000000422068_00266_32384_9189.N1	10-MAY-2008 10:28:35	Straylight	42.000	43	Alp TrA	1.9100	4250.0	84	32384	No
136	GOM_NL__2PRFIN20080510_103047_000000372068_00266_32384_9190.N1	10-MAY-2008 10:30:47	Straylight	36.500	134	Bet TrA	2.8100	6600.0	73	32384	No
137	GOM_NL__2PRFIN20080510_103236_000000422068_00266_32384_9191.N1	10-MAY-2008 10:32:36	Straylight	41.500	4	Alp1Cen	-0.010000	5800.0	83	32384	No
138	GOM_NL__2PRFIN20080510_103608_000000382068_00266_32384_9192.N1	10-MAY-2008 10:36:08	Straylight	38.000	78	Alp Lup	2.3040	28000.	76	32384	No
139	GOM_NL__2PRFIN20080510_103739_000000382068_00266_32384_9193.N1	10-MAY-2008 10:37:39	Straylight	38.000	81	Eta Cen	2.3560	28000.	76	32384	No
140	GOM_NL__2PRFIN20080510_103937_000000452068_00266_32384_9194.N1	10-MAY-2008 10:39:37	Twi_and_stray	44.500	54	5The Cen	2.0550	4500.0	89	32384	No
141	GOM_NL__2PRFIN20080510_104457_000000342068_00266_32384_9195.N1	10-MAY-2008 10:44:57	Bright	33.500	122	9Alp2Lib	2.7470	9700.0	67	32384	No
142	GOM_NL__2PRFIN20080510_104703_000000362068_00266_32384_9196.N1	10-MAY-2008 10:47:03	Bright	36.000	15	67Alp Vir	0.97600	28000.	72	32384	No
143	GOM_NL__2PRFIN20080510_105324_000000372068_00266_32384_9197.N1	10-MAY-2008 10:53:24	Bright	37.000	138	47Eps Vir	2.8280	4700.0	74	32384	No
144	GOM_NL__2PRFIN20080510_105512_000000362068_00266_32384_9198.N1	10-MAY-2008 10:55:12	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	32384	No
145	GOM_NL__2PRFIN20080510_110059_000000342068_00266_32384_9199.N1	10-MAY-2008 11:00:59	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	32384	No
146	GOM_NL__2PRFIN20080510_110359_000000372068_00266_32384_9200.N1	10-MAY-2008 11:03:59	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	32384	No
147	GOM_NL__2PRFIN20080510_110531_000000372068_00266_32384_9201.N1	10-MAY-2008 11:05:31	Bright	36.500	55	79Zet UMa	2.0600	10200.	73	32384	No
148	GOM_NL__2PRFIN20080510_110845_000000372068_00266_32384_9202.N1	10-MAY-2008 11:08:45	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	32384	No
149	GOM_NL__2PRFIN20080510_111124_000000392068_00266_32384_9203.N1	10-MAY-2008 11:11:24	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	32384	No
150	GOM_NL__2PRFIN20080510_111536_000000372068_00266_32384_9204.N1	10-MAY-2008 11:15:36	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	32384	No
151	GOM_NL__2PRFIN20080510_112346_000000412068_00266_32384_9205.N1	10-MAY-2008 11:23:46	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	32384	No
152	GOM_NL__2PRFIN20080510_112500_000000352068_00266_32384_9206.N1	10-MAY-2008 11:25:00	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	32384	No
153	GOM_NL__2PRFIN20080510_113313_000000362068_00266_32384_9207.N1	10-MAY-2008 11:33:13	Bright	36.000	58	21Alp And	2.0730	11000.	72	32384	No
154	GOM_NL__2PRFIN20080510_113714_000000412068_00266_32384_9208.N1	10-MAY-2008 11:37:14	Twilight	40.500	140	88Gam Peg	2.8340	26000.	81	32384	No
155	GOM_NL__2PRFIN20080510_114558_000000432068_00266_32384_9209.N1	10-MAY-2008 11:45:58	Dark	42.500	52	16Bet Cet	2.0370	4500.0	85	32384	No
156	GOM_NL__2PRFIN20080510_115247_000000412068_00266_32384_9210.N1	10-MAY-2008 11:52:47	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	32384	No
157	GOM_NL__2PRFIN20080510_115626_000000562068_00266_32384_9211.N1	10-MAY-2008 11:56:26	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	32384	No
158	GOM_NL__2PRFIN20080510_115746_000000452068_00266_32384_9212.N1	10-MAY-2008 11:57:46	Dark	44.500	31	Alp Gru	1.7340	15200.	89	32384	No
159	GOM_NL__2PRFIN20080510_115952_000000392068_00267_32385_9201.N1	10-MAY-2008 11:59:52	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32385	No
160	GOM_NL__2PRFIN20080510_120322_000000412068_00267_32385_9202.N1	10-MAY-2008 12:03:22	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32385	No

161	GOM_NL__2PRFIN20080510_120911_000000442068_00267_32385_9203.N1	10-MAY-2008 12:09:11	Straylight	44.000	43	Alp TrA	1.9100	4250.0	88	32385	No
162	GOM_NL__2PRFIN20080510_121123_000000372068_00267_32385_9204.N1	10-MAY-2008 12:11:23	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	32385	No
163	GOM_NL__2PRFIN20080510_121312_000000452068_00267_32385_9205.N1	10-MAY-2008 12:13:12	Straylight	45.000	4	Alp1Cen	-0.010000	5800.0	90	32385	No
164	GOM_NL__2PRFIN20080510_121644_000000372068_00267_32385_9206.N1	10-MAY-2008 12:16:44	Straylight	37.000	78	Alp Lup	2.3040	28000.	74	32385	No
165	GOM_NL__2PRFIN20080510_121815_000000402068_00267_32385_9207.N1	10-MAY-2008 12:18:15	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	32385	No
166	GOM_NL__2PRFIN20080510_122013_000000402068_00267_32385_9208.N1	10-MAY-2008 12:20:13	Twi_and_stray	39.500	54	5The Cen	2.0550	4500.0	79	32385	No
167	GOM_NL__2PRFIN20080510_122533_000000342068_00267_32385_9209.N1	10-MAY-2008 12:25:33	Bright	34.000	122	9Alp2Lib	2.7470	9700.0	68	32385	No
168	GOM_NL__2PRFIN20080510_122739_000000382068_00267_32385_9210.N1	10-MAY-2008 12:27:39	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32385	No
169	GOM_NL__2PRFIN20080510_123400_000000352068_00267_32385_9211.N1	10-MAY-2008 12:34:00	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	32385	No
170	GOM_NL__2PRFIN20080510_123548_000000352068_00267_32385_9212.N1	10-MAY-2008 12:35:48	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	32385	No
171	GOM_NL__2PRFIN20080510_124135_000000352068_00267_32385_9213.N1	10-MAY-2008 12:41:35	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	32385	No
172	GOM_NL__2PRFIN20080510_124435_000000342068_00267_32385_9214.N1	10-MAY-2008 12:44:35	Bright	34.000	39	85Eta UMa	1.8540	24000.	68	32385	No
173	GOM_NL__2PRFIN20080510_124607_000000352068_00267_32385_9215.N1	10-MAY-2008 12:46:07	Bright	34.500	55	79Zet UMa	2.0600	10200.	69	32385	No
174	GOM_NL__2PRFIN20080510_124922_000000382068_00267_32385_9216.N1	10-MAY-2008 12:49:22	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	32385	No
175	GOM_NL__2PRFIN20080510_125200_000000382068_00267_32385_9217.N1	10-MAY-2008 12:52:00	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	32385	No
176	GOM_NL__2PRFIN20080510_125612_000000332068_00267_32385_9218.N1	10-MAY-2008 12:56:12	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	32385	No
177	GOM_NL__2PRFIN20080510_130422_000000332068_00267_32385_9219.N1	10-MAY-2008 13:04:22	Bright	32.500	76	27Gam Cas	2.3000	30000.	65	32385	No
178	GOM_NL__2PRFIN20080510_130537_000000532068_00267_32385_9220.N1	10-MAY-2008 13:05:37	Bright	53.000	68	18Alp Cas	2.2250	4500.0	106	32385	No
179	GOM_NL__2PRFIN20080510_131349_000000382068_00267_32385_9221.N1	10-MAY-2008 13:13:49	Bright	38.000	58	21Alp And	2.0730	11000.	76	32385	No
180	GOM_NL__2PRFIN20080510_131750_000000402068_00267_32385_9222.N1	10-MAY-2008 13:17:50	Twilight	39.500	140	88Gam Peg	2.8340	26000.	79	32385	No
181	GOM_NL__2PRFIN20080510_132634_000000442068_00267_32385_9223.N1	10-MAY-2008 13:26:34	Dark	43.500	52	16Bet Cet	2.0370	4500.0	87	32385	No
182	GOM_NL__2PRFIN20080510_133323_000000402068_00267_32385_9224.N1	10-MAY-2008 13:33:23	Dark	39.500	84	Alp Phe	2.3970	4500.0	79	32385	No
183	GOM_NL__2PRFIN20080510_133703_000000562068_00267_32385_9225.N1	10-MAY-2008 13:37:03	Dark	56.000	63	Bet Gru	2.1500	2800.0	112	32385	No
184	GOM_NL__2PRFIN20080510_133823_000000432068_00267_32385_9226.N1	10-MAY-2008 13:38:23	Dark	42.500	31	Alp Gru	1.7340	15200.	85	32385	No
185	GOM_NL__2PRFIN20080510_134028_000000412068_00268_32386_9216.N1	10-MAY-2008 13:40:28	Dark	40.500	148	Alp Tuc	2.8780	4100.0	81	32386	No
186	GOM_NL__2PRFIN20080510_134358_000000412068_00268_32386_9217.N1	10-MAY-2008 13:43:58	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32386	No
187	GOM_NL__2PRFIN20080510_134948_000000392068_00268_32386_9218.N1	10-MAY-2008 13:49:48	Straylight	39.000	43	Alp TrA	1.9100	4250.0	78	32386	No
188	GOM_NL__2PRFIN20080510_135159_000000372068_00268_32386_9219.N1	10-MAY-2008 13:51:59	Straylight	36.500	134	Bet TrA	2.8100	6600.0	73	32386	No
189	GOM_NL__2PRFIN20080510_135349_000000492068_00268_32386_9220.N1	10-MAY-2008 13:53:49	Straylight	48.500	4	Alp1Cen	-0.010000	5800.0	97	32386	No
190	GOM_NL__2PRFIN20080510_135720_000000372068_00268_32386_9221.N1	10-MAY-2008 13:57:20	Straylight	37.000	78	Alp Lup	2.3040	28000.	74	32386	No
191	GOM_NL__2PRFIN20080510_135851_000000382068_00268_32386_9222.N1	10-MAY-2008 13:58:51	Straylight	38.000	81	Eta Cen	2.3560	28000.	76	32386	No
192	GOM_NL__2PRFIN20080510_140049_000000442068_00268_32386_9223.N1	10-MAY-2008 14:00:49	Twi_and_stray	43.500	54	5The Cen	2.0550	4500.0	87	32386	No
193	GOM_NL__2PRFIN20080510_154645_000000402068_00269_32387_9225.N1	10-MAY-2008 15:46:45	Bright	40.000	122	9Alp2Lib	2.7470	9700.0	80	32387	No
194	GOM_NL__2PRFIN20080510_154851_000000382068_00269_32387_9226.N1	10-MAY-2008 15:48:51	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	32387	No
195	GOM_NL__2PRFIN20080510_155512_000000352068_00269_32387_9227.N1	10-MAY-2008 15:55:12	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	32387	No
196	GOM_NL__2PRFIN20080510_155700_000000352068_00269_32387_9228.N1	10-MAY-2008 15:57:00	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	32387	No
197	GOM_NL__2PRFIN20080510_160247_000000352068_00269_32387_9229.N1	10-MAY-2008 16:02:47	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	32387	No
198	GOM_NL__2PRFIN20080510_160547_000000352068_00269_32387_9230.N1	10-MAY-2008 16:05:47	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	32387	No
199	GOM_NL__2PRFIN20080510_160718_000000342068_00269_32387_9231.N1	10-MAY-2008 16:07:18	Bright	34.000	55	79Zet UMa	2.0600	10200.	68	32387	No
200	GOM_NL__2PRFIN20080510_161034_000000382068_00269_32387_9232.N1	10-MAY-2008 16:10:34	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	32387	No
201	GOM_NL__2PRFIN20080510_161312_000000392068_00269_32387_9233.N1	10-MAY-2008 16:13:12	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	32387	No
202	GOM_NL__2PRFIN20080510_161724_000000362068_00269_32387_9234.N1	10-MAY-2008 16:17:24	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32387	No
203	GOM_NL__2PRFIN20080510_162534_000000342068_00269_32387_9235.N1	10-MAY-2008 16:25:34	Bright	34.000	76	27Gam Cas	2.3000	30000.	68	32387	No
204	GOM_NL__2PRFIN20080510_162649_000000532068_00269_32387_9236.N1	10-MAY-2008 16:26:49	Bright	53.000	68	18Alp Cas	2.2250	4500.0	106	32387	No
205	GOM_NL__2PRFIN20080510_163501_000000372068_00269_32387_9237.N1	10-MAY-2008 16:35:01	Bright	37.000	58	21Alp And	2.0730	11000.	74	32387	No
206	GOM_NL__2PRFIN20080510_163903_000000402068_00269_32387_9238.N1	10-MAY-2008 16:39:03	Twilight	39.500	140	88Gam Peg	2.8340	26000.	79	32387	No
207	GOM_NL__2PRFIN20080510_164747_000000422068_00269_32387_9239.N1	10-MAY-2008 16:47:47	Dark	42.000	52	16Bet Cet	2.0370	4500.0	84	32387	No
208	GOM_NL__2PRFIN20080510_165436_000000402068_00269_32387_9240.N1	10-MAY-2008 16:54:36	Dark	40.000	84	Alp Phe	2.3970	4500.0	80	32387	No
209	GOM_NL__2PRFIN20080510_165816_000000522068_00269_32387_9241.N1	10-MAY-2008 16:58:16	Dark	52.000	63	Bet Gru	2.1500	2800.0	104	32387	No
210	GOM_NL__2PRFIN20080510_165936_000000442068_00269_32387_9242.N1	10-MAY-2008 16:59:36	Dark	43.500	31	Alp Gru	1.7340	15200.	87	32387	No
211	GOM_NL__2PRFIN20080510_170141_000000392068_00270_32388_9250.N1	10-MAY-2008 17:01:41	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32388	No
212	GOM_NL__2PRFIN20080510_170512_000000412068_00270_32388_9251.N1	10-MAY-2008 17:05:12	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32388	No
213	GOM_NL__2PRFIN20080510_171100_000000382068_00270_32388_9252.N1	10-MAY-2008 17:11:00	Straylight	37.500	43	Alp TrA	1.9100	4250.0	75	32388	No
214	GOM_NL__2PRFIN20080510_171312_000000372068_00270_32388_9253.N1	10-MAY-2008 17:13:12	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	32388	No
215	GOM_NL__2PRFIN20080510_171501_000000502068_00270_32388_9254.N1	10-MAY-2008 17:15:01	Straylight	49.500	4	Alp1Cen	-0.010000	5800.0	99	32388	No
216	GOM_NL__2PRFIN20080510_171833_000000392068_00270_32388_9255.N1	10-MAY-2008 17:18:33	Straylight	39.000	78	Alp Lup	2.3040	28000.	78	32388	No
217	GOM_NL__2PRFIN20080510_172004_000000382068_00270_32388_9256.N1	10-MAY-2008 17:20:04	Straylight	37.500	81	Eta Cen	2.3560	28000.	75	32388	No
218	GOM_NL__2PRFIN20080510_172202_000000432068_00270_32388_9257.N1	10-MAY-2008 17:22:02	Twi_and_stray	43.000	54	5The Cen	2.0550	4500.0	86	32388	No
219	GOM_NL__2PRFIN20080510_172722_000000392068_00270_32388_9258.N1	10-MAY-2008 17:27:22	Bright	39.000	122	9Alp2Lib	2.7470	9700.0	78	32388	No

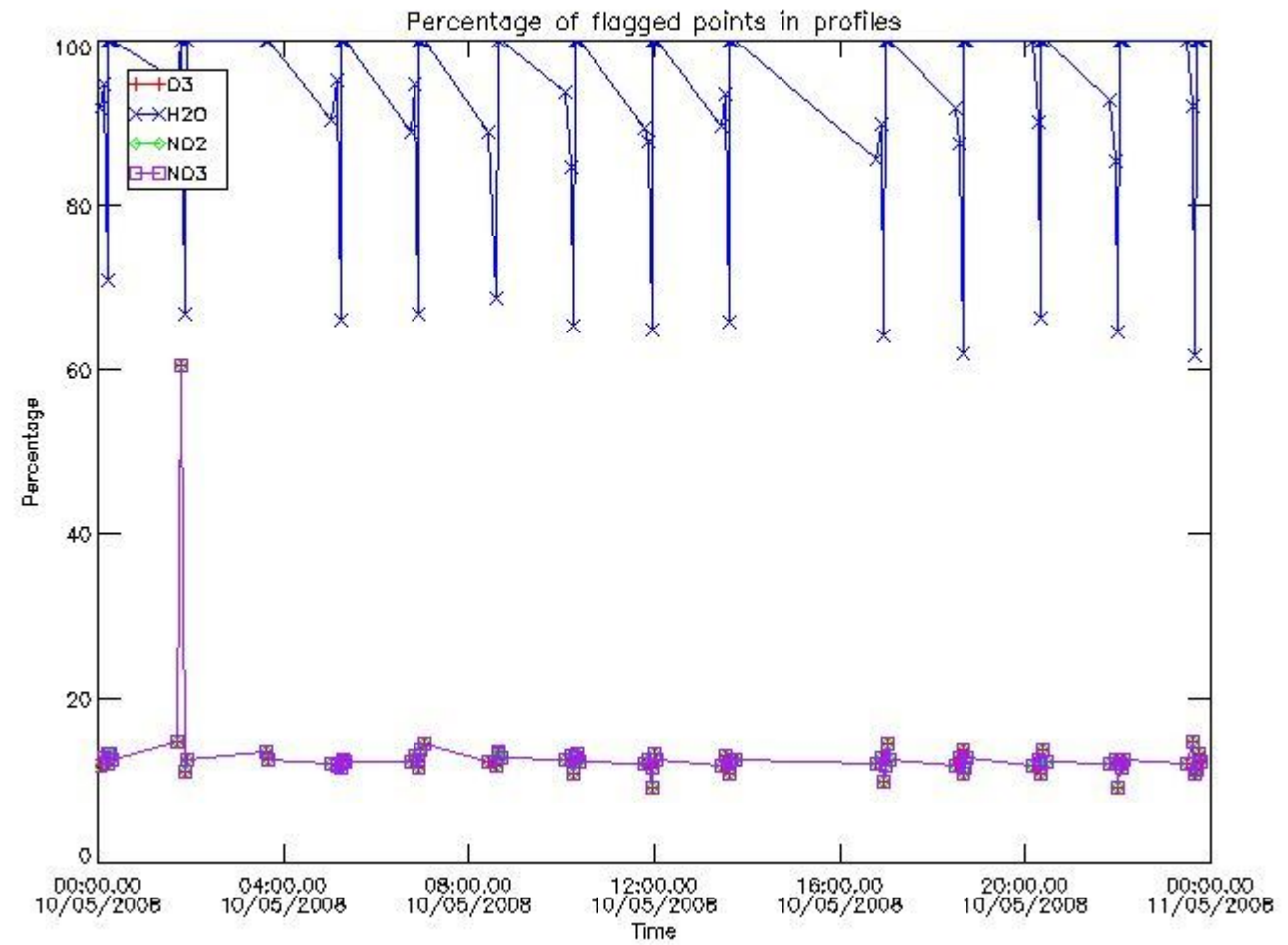
220	GOM_NL__2PRFIN20080510_172927_000000382068_00270_32388_9259.N1	10-MAY-2008 17:29:27	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	32388	No
221	GOM_NL__2PRFIN20080510_173548_000000352068_00270_32388_9260.N1	10-MAY-2008 17:35:48	Bright	35.000	138	47Eps Vir	2.8280	4700.0	70	32388	No
222	GOM_NL__2PRFIN20080510_173735_000000352068_00270_32388_9261.N1	10-MAY-2008 17:37:35	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	32388	No
223	GOM_NL__2PRFIN20080510_174323_000000352068_00270_32388_9262.N1	10-MAY-2008 17:43:23	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	32388	No
224	GOM_NL__2PRFIN20080510_174623_000000372068_00270_32388_9263.N1	10-MAY-2008 17:46:23	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	32388	No
225	GOM_NL__2PRFIN20080510_174754_000000372068_00270_32388_9264.N1	10-MAY-2008 17:47:54	Bright	36.500	55	79Zet UMa	2.0600	10200.	73	32388	No
226	GOM_NL__2PRFIN20080510_175111_000000372068_00270_32388_9265.N1	10-MAY-2008 17:51:11	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	32388	No
227	GOM_NL__2PRFIN20080510_175347_000000392068_00270_32388_9266.N1	10-MAY-2008 17:53:47	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	32388	No
228	GOM_NL__2PRFIN20080510_175800_000000372068_00270_32388_9267.N1	10-MAY-2008 17:58:00	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	32388	No
229	GOM_NL__2PRFIN20080510_180610_000000332068_00270_32388_9268.N1	10-MAY-2008 18:06:10	Bright	32.500	76	27Gam Cas	2.3000	30000.	65	32388	No
230	GOM_NL__2PRFIN20080510_180725_000000342068_00270_32388_9269.N1	10-MAY-2008 18:07:25	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	32388	No
231	GOM_NL__2PRFIN20080510_181537_000000402068_00270_32388_9270.N1	10-MAY-2008 18:15:37	Bright	39.500	58	21Alp And	2.0730	11000.	79	32388	No
232	GOM_NL__2PRFIN20080510_181939_000000402068_00270_32388_9271.N1	10-MAY-2008 18:19:39	Twilight	40.000	140	88Gam Peg	2.8340	26000.	80	32388	No
233	GOM_NL__2PRFIN20080510_182823_000000432068_00270_32388_9272.N1	10-MAY-2008 18:28:23	Dark	43.000	52	16Bet Cet	2.0370	4500.0	86	32388	No
234	GOM_NL__2PRFIN20080510_183512_000000402068_00270_32388_9273.N1	10-MAY-2008 18:35:12	Dark	40.000	84	Alp Phe	2.3970	4500.0	80	32388	No
235	GOM_NL__2PRFIN20080510_183853_000000472068_00270_32388_9274.N1	10-MAY-2008 18:38:53	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	32388	No
236	GOM_NL__2PRFIN20080510_184013_000000412068_00270_32388_9275.N1	10-MAY-2008 18:40:13	Dark	40.500	31	Alp Gru	1.7340	15200.	81	32388	No
237	GOM_NL__2PRFIN20080510_184218_000000452068_00271_32389_9266.N1	10-MAY-2008 18:42:18	Dark	44.500	148	Alp Tuc	2.8780	4100.0	89	32389	No
238	GOM_NL__2PRFIN20080510_184548_000000402068_00271_32389_9267.N1	10-MAY-2008 18:45:48	Dark	40.000	45	Alp Pav	1.9400	26000.	80	32389	No
239	GOM_NL__2PRFIN20080510_185136_000000402068_00271_32389_9268.N1	10-MAY-2008 18:51:36	Straylight	40.000	43	Alp TrA	1.9100	4250.0	80	32389	No
240	GOM_NL__2PRFIN20080510_185348_000000362068_00271_32389_9269.N1	10-MAY-2008 18:53:48	Straylight	36.000	134	Bet TrA	2.8100	6600.0	72	32389	No
241	GOM_NL__2PRFIN20080510_185537_000000452068_00271_32389_9270.N1	10-MAY-2008 18:55:37	Straylight	45.000	4	Alp1Cen	-0.010000	5800.0	90	32389	No
242	GOM_NL__2PRFIN20080510_185909_000000392068_00271_32389_9271.N1	10-MAY-2008 18:59:09	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	32389	No
243	GOM_NL__2PRFIN20080510_190040_000000402068_00271_32389_9272.N1	10-MAY-2008 19:00:40	Straylight	39.500	81	Eta Cen	2.3560	28000.	79	32389	No
244	GOM_NL__2PRFIN20080510_190238_000000442068_00271_32389_9273.N1	10-MAY-2008 19:02:38	Twilight_and_stray	44.000	54	5The Cen	2.0550	4500.0	88	32389	No
245	GOM_NL__2PRFIN20080510_190758_000000382068_00271_32389_9274.N1	10-MAY-2008 19:07:58	Bright	38.000	122	9Alp2Lib	2.7470	9700.0	76	32389	No
246	GOM_NL__2PRFIN20080510_191003_000000392068_00271_32389_9275.N1	10-MAY-2008 19:10:03	Bright	38.500	15	67Alp Vir	0.97600	28000.	77	32389	No
247	GOM_NL__2PRFIN20080510_191624_000000352068_00271_32389_9276.N1	10-MAY-2008 19:16:24	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	32389	No
248	GOM_NL__2PRFIN20080510_191811_000000362068_00271_32389_9277.N1	10-MAY-2008 19:18:11	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	32389	No
249	GOM_NL__2PRFIN20080510_192359_000000352068_00271_32389_9278.N1	10-MAY-2008 19:23:59	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	32389	No
250	GOM_NL__2PRFIN20080510_192659_000000372068_00271_32389_9279.N1	10-MAY-2008 19:26:59	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	32389	No
251	GOM_NL__2PRFIN20080510_192830_000000362068_00271_32389_9280.N1	10-MAY-2008 19:28:30	Bright	36.000	55	79Zet UMa	2.0600	10200.	72	32389	No
252	GOM_NL__2PRFIN20080510_193147_000000372068_00271_32389_9281.N1	10-MAY-2008 19:31:47	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	32389	No
253	GOM_NL__2PRFIN20080510_193423_000000352068_00271_32389_9282.N1	10-MAY-2008 19:34:23	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	32389	No
254	GOM_NL__2PRFIN20080510_193836_000000362068_00271_32389_9283.N1	10-MAY-2008 19:38:36	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	32389	No
255	GOM_NL__2PRFIN20080510_194646_000000522068_00271_32389_9284.N1	10-MAY-2008 19:46:46	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	32389	No
256	GOM_NL__2PRFIN20080510_194801_000000342068_00271_32389_9285.N1	10-MAY-2008 19:48:01	Bright	34.000	68	18Alp Cas	2.2250	4500.0	68	32389	No
257	GOM_NL__2PRFIN20080510_195614_000000392068_00271_32389_9286.N1	10-MAY-2008 19:56:14	Bright	38.500	58	21Alp And	2.0730	11000.	77	32389	No
258	GOM_NL__2PRFIN20080510_200015_000000412068_00271_32389_9287.N1	10-MAY-2008 20:00:15	Twilight	40.500	140	88Gam Peg	2.8340	26000.	81	32389	No
259	GOM_NL__2PRFIN20080510_200859_000000432068_00271_32389_9288.N1	10-MAY-2008 20:08:59	Dark	43.000	52	16Bet Cet	2.0370	4500.0	86	32389	No
260	GOM_NL__2PRFIN20080510_201548_000000412068_00271_32389_9289.N1	10-MAY-2008 20:15:48	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	32389	No
261	GOM_NL__2PRFIN20080510_201929_000000472068_00271_32389_9290.N1	10-MAY-2008 20:19:29	Dark	46.500	63	Bet Gru	2.1500	2800.0	93	32389	No
262	GOM_NL__2PRFIN20080510_202049_000000422068_00271_32389_9291.N1	10-MAY-2008 20:20:49	Dark	42.000	31	Alp Gru	1.7340	15200.	84	32389	No
263	GOM_NL__2PRFIN20080510_202254_000000372068_00272_32390_9280.N1	10-MAY-2008 20:22:54	Dark	37.000	148	Alp Tuc	2.8780	4100.0	74	32390	No
264	GOM_NL__2PRFIN20080510_202625_000000422068_00272_32390_9281.N1	10-MAY-2008 20:26:25	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32390	No
265	GOM_NL__2PRFIN20080510_203213_000000442068_00272_32390_9282.N1	10-MAY-2008 20:32:13	Straylight	43.500	43	Alp TrA	1.9100	4250.0	87	32390	No
266	GOM_NL__2PRFIN20080510_203424_000000372068_00272_32390_9283.N1	10-MAY-2008 20:34:24	Straylight	36.500	134	Bet TrA	2.8100	6600.0	73	32390	No
267	GOM_NL__2PRFIN20080510_203613_000000392068_00272_32390_9284.N1	10-MAY-2008 20:36:13	Straylight	38.500	4	Alp1Cen	-0.010000	5800.0	77	32390	No
268	GOM_NL__2PRFIN20080510_203945_000000392068_00272_32390_9285.N1	10-MAY-2008 20:39:45	Straylight	38.500	78	Alp Lup	2.3040	28000.	77	32390	No
269	GOM_NL__2PRFIN20080510_204116_000000412068_00272_32390_9286.N1	10-MAY-2008 20:41:16	Straylight	40.500	81	Eta Cen	2.3560	28000.	81	32390	No
270	GOM_NL__2PRFIN20080510_204314_000000482068_00272_32390_9287.N1	10-MAY-2008 20:43:14	Twilight_and_stray	48.000	54	5The Cen	2.0550	4500.0	96	32390	No
271	GOM_NL__2PRFIN20080510_204834_000000402068_00272_32390_9288.N1	10-MAY-2008 20:48:34	Bright	39.500	122	9Alp2Lib	2.7470	9700.0	79	32390	No
272	GOM_NL__2PRFIN20080510_205039_000000382068_00272_32390_9289.N1	10-MAY-2008 20:50:39	Bright	38.000	15	67Alp Vir	0.97600	28000.	76	32390	No
273	GOM_NL__2PRFIN20080510_205701_000000362068_00272_32390_9290.N1	10-MAY-2008 20:57:01	Bright	35.500	138	47Eps Vir	2.8280	4700.0	71	32390	No
274	GOM_NL__2PRFIN20080510_205847_000000352068_00272_32390_9291.N1	10-MAY-2008 20:58:47	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	32390	No
275	GOM_NL__2PRFIN20080510_210735_000000342068_00272_32390_9292.N1	10-MAY-2008 21:07:35	Bright	33.500	39	85Eta UMa	1.8540	24000.	67	32390	No
276	GOM_NL__2PRFIN20080510_210906_000000352068_00272_32390_9293.N1	10-MAY-2008 21:09:06	Bright	34.500	55	79Zet UMa	2.0600	10200.	69	32390	No
277	GOM_NL__2PRFIN20080510_211223_000000392068_00272_32390_9294.N1	10-MAY-2008 21:12:23	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	32390	No
278	GOM_NL__2PRFIN20080510_211459_000000392068_00272_32390_9295.N1	10-MAY-2008 21:14:59	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	32390	No

279	GOM_NL__2PRFIN20080510_211912_000000362068_00272_32390_9296.N1	10-MAY-2008 21:19:12	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	32390	No
280	GOM_NL__2PRFIN20080510_212722_000000522068_00272_32390_9297.N1	10-MAY-2008 21:27:22	Bright	52.000	76	27Gam Cas	2.3000	30000.	104	32390	No
281	GOM_NL__2PRFIN20080510_212836_000000532068_00272_32390_9298.N1	10-MAY-2008 21:28:36	Bright	53.000	68	18Alp Cas	2.2250	4500.0	106	32390	No
282	GOM_NL__2PRFIN20080510_213650_000000382068_00272_32390_9299.N1	10-MAY-2008 21:36:50	Bright	38.000	58	21Alp And	2.0730	11000.	76	32390	No
283	GOM_NL__2PRFIN20080510_214051_000000412068_00272_32390_9300.N1	10-MAY-2008 21:40:51	Twilight	40.500	140	88Gam Peg	2.8340	26000.	81	32390	No
284	GOM_NL__2PRFIN20080510_214935_000000422068_00272_32390_9301.N1	10-MAY-2008 21:49:35	Dark	42.000	52	16Bet Cet	2.0370	4500.0	84	32390	No
285	GOM_NL__2PRFIN20080510_215624_000000412068_00272_32390_9302.N1	10-MAY-2008 21:56:24	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	32390	No
286	GOM_NL__2PRFIN20080510_220005_000000562068_00272_32390_9303.N1	10-MAY-2008 22:00:05	Dark	55.500	63	Bet Gru	2.1500	2800.0	111	32390	No
287	GOM_NL__2PRFIN20080510_220126_000000422068_00272_32390_9304.N1	10-MAY-2008 22:01:26	Dark	42.000	31	Alp Gru	1.7340	15200.	84	32390	No
288	GOM_NL__2PRFIN20080510_220330_000000442068_00273_32391_9295.N1	10-MAY-2008 22:03:30	Dark	44.000	148	Alp Tuc	2.8780	4100.0	88	32391	No
289	GOM_NL__2PRFIN20080510_220702_000000412068_00273_32391_9296.N1	10-MAY-2008 22:07:02	Dark	40.500	45	Alp Pav	1.9400	26000.	81	32391	No
290	GOM_NL__2PRFIN20080510_221249_000000412068_00273_32391_9297.N1	10-MAY-2008 22:12:49	Straylight	41.000	43	Alp TrA	1.9100	4250.0	82	32391	No
291	GOM_NL__2PRFIN20080510_221501_000000372068_00273_32391_9298.N1	10-MAY-2008 22:15:01	Straylight	37.000	134	Bet TrA	2.8100	6600.0	74	32391	No
292	GOM_NL__2PRFIN20080510_221649_000000452068_00273_32391_9299.N1	10-MAY-2008 22:16:49	Straylight	45.000	4	Alp1Cen	-0.010000	5800.0	90	32391	No
293	GOM_NL__2PRFIN20080510_222021_000000402068_00273_32391_9300.N1	10-MAY-2008 22:20:21	Straylight	40.000	78	Alp Lup	2.3040	28000.	80	32391	No
294	GOM_NL__2PRFIN20080510_222152_000000402068_00273_32391_9301.N1	10-MAY-2008 22:21:52	Straylight	40.000	81	Eta Cen	2.3560	28000.	80	32391	No
295	GOM_NL__2PRFIN20080510_222350_000000432068_00273_32391_9302.N1	10-MAY-2008 22:23:50	Tw_and_stray	42.500	54	5The Cen	2.0550	4500.0	85	32391	No
296	GOM_NL__2PRFIN20080510_222910_000000392068_00273_32391_9303.N1	10-MAY-2008 22:29:10	Bright	39.000	122	9Alp2Lib	2.7470	9700.0	78	32391	No
297	GOM_NL__2PRFIN20080510_223115_000000382068_00273_32391_9304.N1	10-MAY-2008 22:31:15	Bright	37.500	15	67Alp Vir	0.97600	28000.	75	32391	No
298	GOM_NL__2PRFIN20080510_223737_000000352068_00273_32391_9305.N1	10-MAY-2008 22:37:37	Bright	34.500	138	47Eps Vir	2.8280	4700.0	69	32391	No
299	GOM_NL__2PRFIN20080510_223923_000000352068_00273_32391_9306.N1	10-MAY-2008 22:39:23	Bright	35.000	111	8Eta Boo	2.6800	6000.0	70	32391	No
300	GOM_NL__2PRFIN20080510_224511_000000352068_00273_32391_9307.N1	10-MAY-2008 22:45:11	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	32391	No
301	GOM_NL__2PRFIN20080510_224811_000000352068_00273_32391_9308.N1	10-MAY-2008 22:48:11	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	32391	No
302	GOM_NL__2PRFIN20080510_224942_000000342068_00273_32391_9309.N1	10-MAY-2008 22:49:42	Bright	34.000	55	79Zet UMa	2.0600	10200.	68	32391	No
303	GOM_NL__2PRFIN20080510_225259_000000382068_00273_32391_9310.N1	10-MAY-2008 22:52:59	Bright	37.500	36	50Alp UMa	1.8000	6300.0	75	32391	No
304	GOM_NL__2PRFIN20080510_225535_000000362068_00273_32391_9311.N1	10-MAY-2008 22:55:35	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	32391	No
305	GOM_NL__2PRFIN20080510_225948_000000352068_00273_32391_9312.N1	10-MAY-2008 22:59:48	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	32391	No
306	GOM_NL__2PRFIN20080510_230758_000000352068_00273_32391_9313.N1	10-MAY-2008 23:07:58	Bright	35.000	76	27Gam Cas	2.3000	30000.	70	32391	No
307	GOM_NL__2PRFIN20080510_230912_000000412068_00273_32391_9314.N1	10-MAY-2008 23:09:12	Bright	41.000	68	18Alp Cas	2.2250	4500.0	82	32391	No
308	GOM_NL__2PRFIN20080510_231726_000000522068_00273_32391_9315.N1	10-MAY-2008 23:17:26	Bright	51.500	58	21Alp And	2.0730	11000.	103	32391	No
309	GOM_NL__2PRFIN20080510_232127_000000392068_00273_32391_9316.N1	10-MAY-2008 23:21:27	Twilight	39.000	140	88Gam Peg	2.8340	26000.	78	32391	No
310	GOM_NL__2PRFIN20080510_233011_000000422068_00273_32391_9317.N1	10-MAY-2008 23:30:11	Dark	42.000	52	16Bet Cet	2.0370	4500.0	84	32391	No
311	GOM_NL__2PRFIN20080510_233700_000000382068_00273_32391_9318.N1	10-MAY-2008 23:37:00	Dark	38.000	84	Alp Phe	2.3970	4500.0	76	32391	No
312	GOM_NL__2PRFIN20080510_234042_000000482068_00273_32391_9319.N1	10-MAY-2008 23:40:42	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	32391	No
313	GOM_NL__2PRFIN20080510_234203_000000452068_00273_32391_9320.N1	10-MAY-2008 23:42:03	Dark	45.000	31	Alp Gru	1.7340	15200.	90	32391	No
314	GOM_NL__2PRFIN20080510_234407_000000392068_00274_32392_9308.N1	10-MAY-2008 23:44:07	Dark	38.500	148	Alp Tuc	2.8780	4100.0	77	32392	No
315	GOM_NL__2PRFIN20080510_234738_000000422068_00274_32392_9309.N1	10-MAY-2008 23:47:38	Dark	41.500	45	Alp Pav	1.9400	26000.	83	32392	No
316	GOM_NL__2PRFIN20080510_235325_000000402068_00274_32392_9310.N1	10-MAY-2008 23:53:25	Straylight	39.500	43	Alp TrA	1.9100	4250.0	79	32392	No
317	GOM_NL__2PRFIN20080510_235537_000000372068_00274_32392_9311.N1	10-MAY-2008 23:55:37	Straylight	36.500	134	Bet TrA	2.8100	6600.0	73	32392	No
318	GOM_NL__2PRFIN20080510_235725_000000522068_00274_32392_9312.N1	10-MAY-2008 23:57:25	Straylight	52.000	4	Alp1Cen	-0.010000	5800.0	104	32392	No

3. Quality information per product

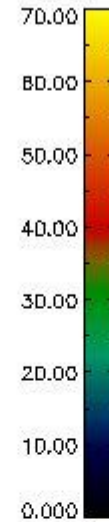
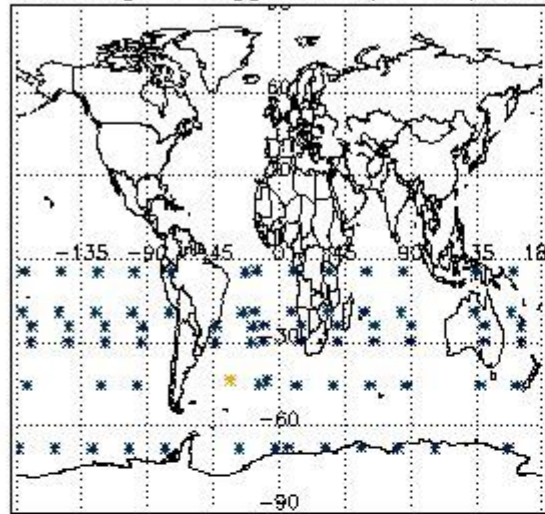
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

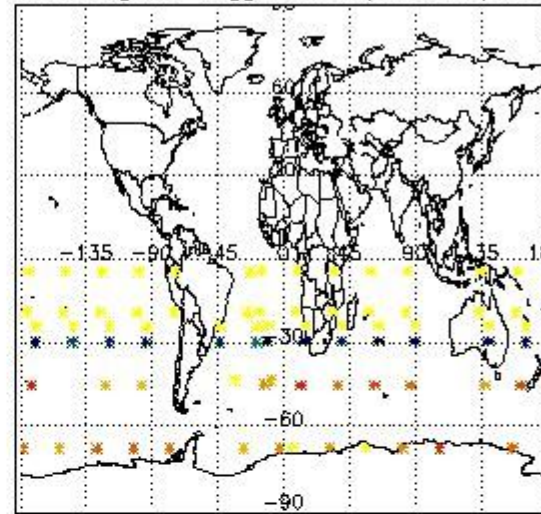


3.2 Plot quality information per product (world map)

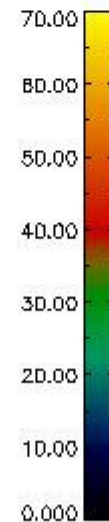
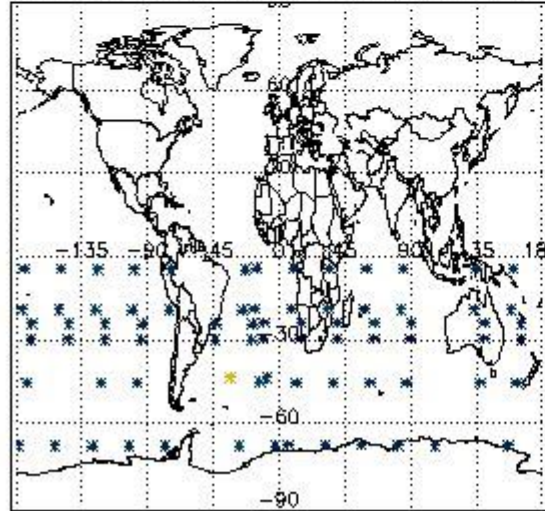
Percentage of flagged data per O3 profile



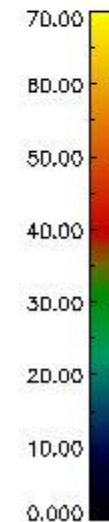
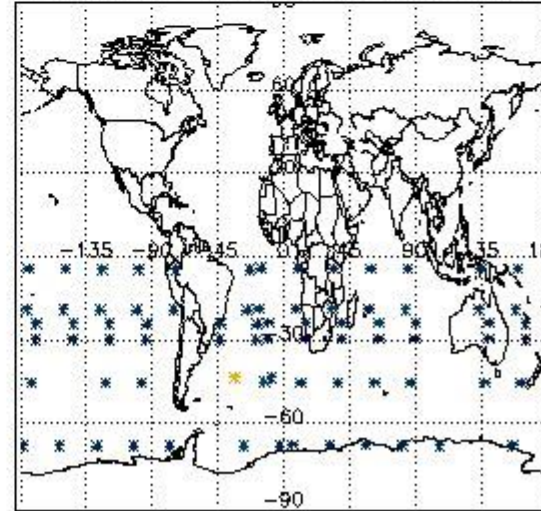
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

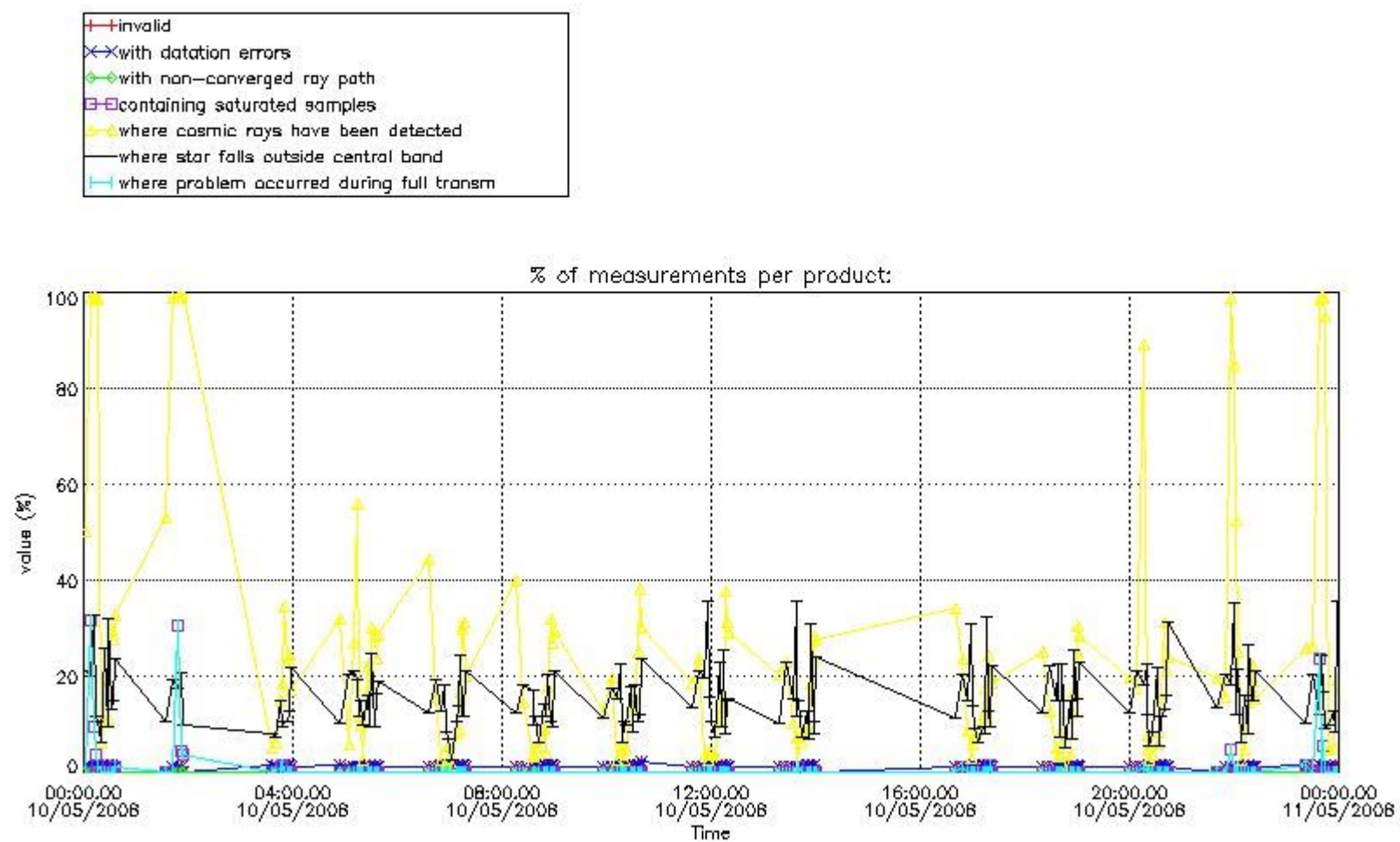


4. Level 1 quality information per product

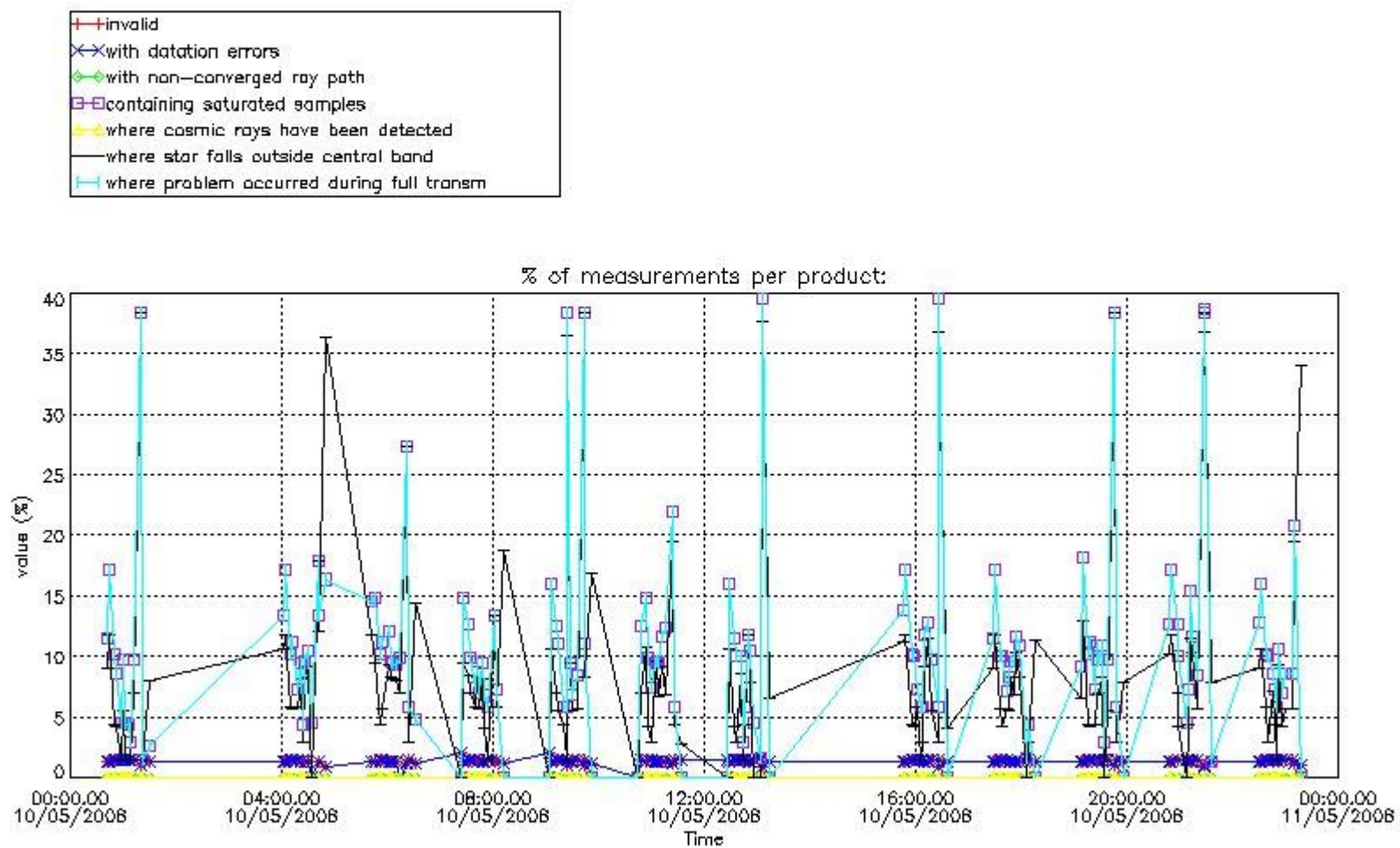
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



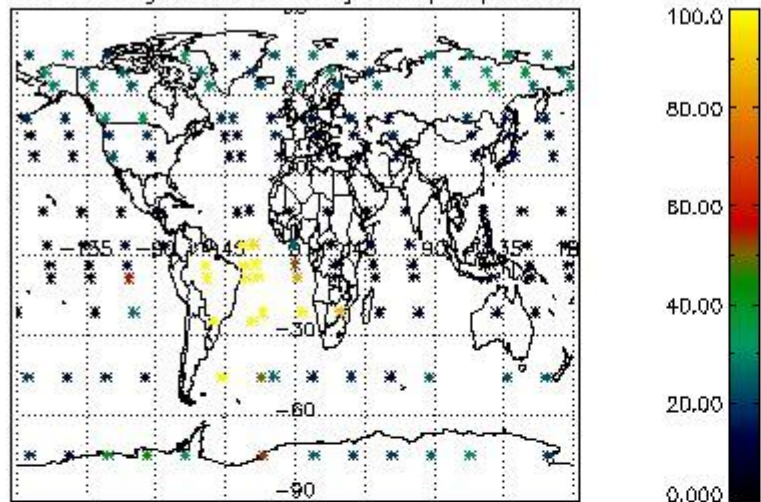
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



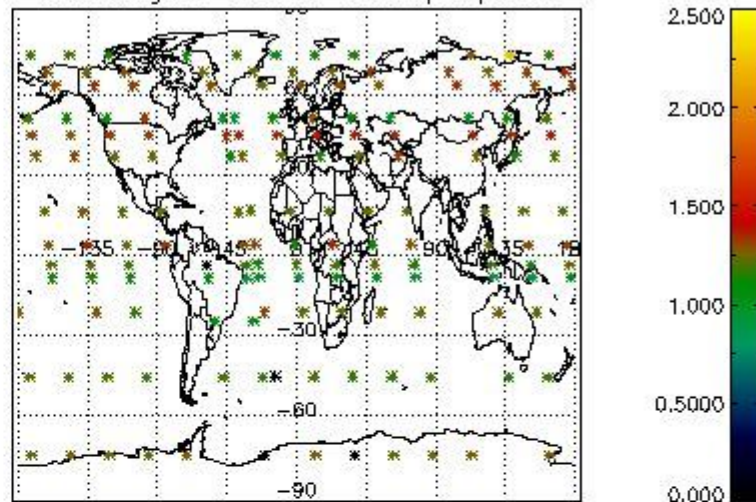
4.2 Plot quality information per product coming from level 1b processing (world map)

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

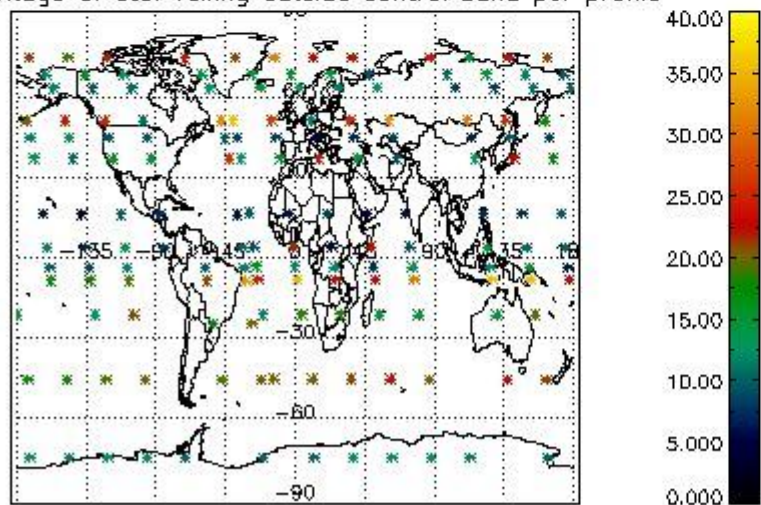
Percentage of cosmic ray hits per profile



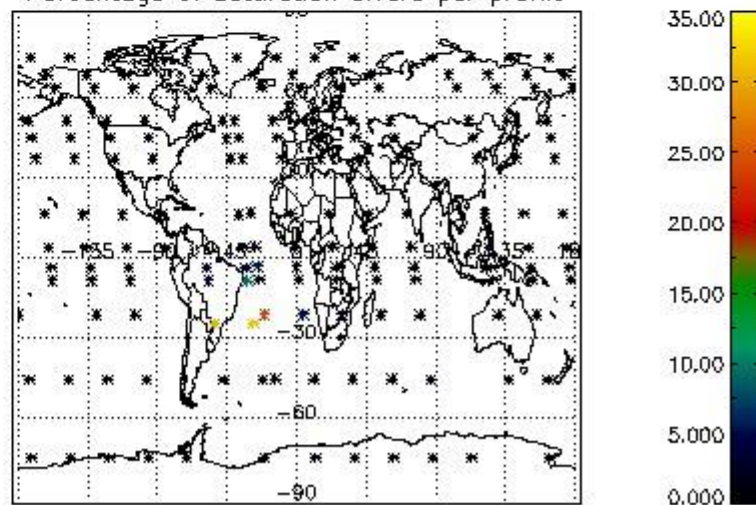
Percentage of datation errors per profile



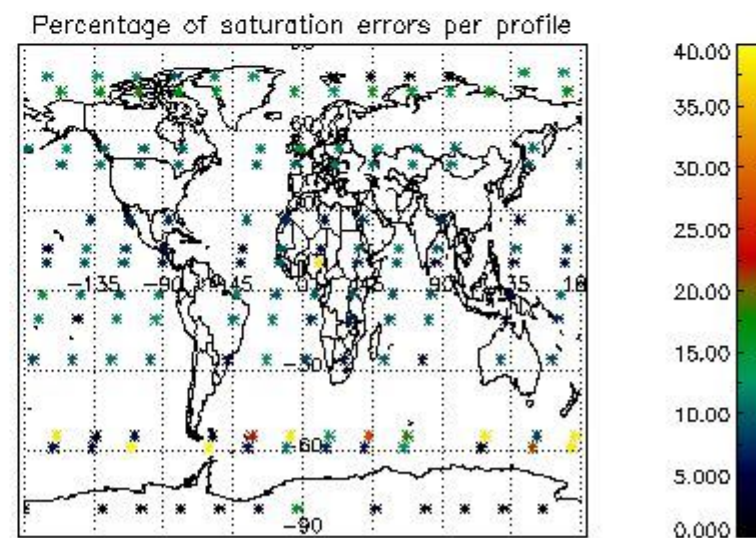
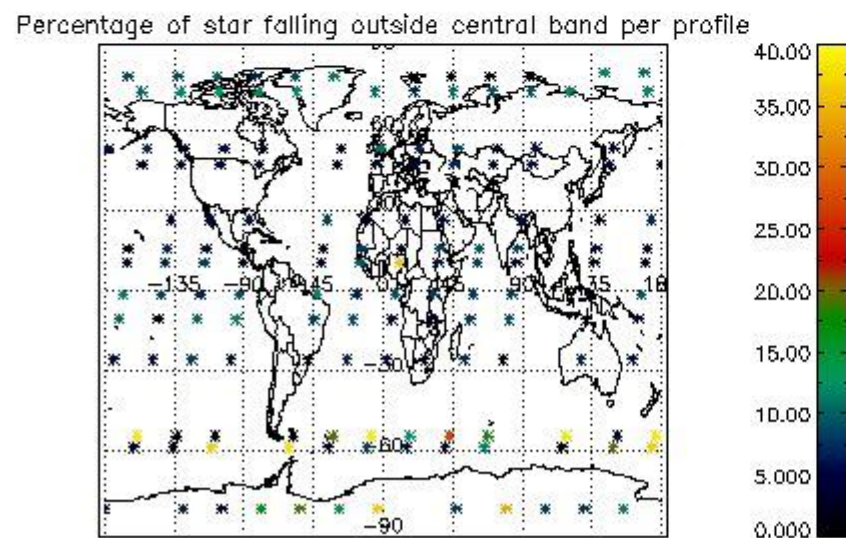
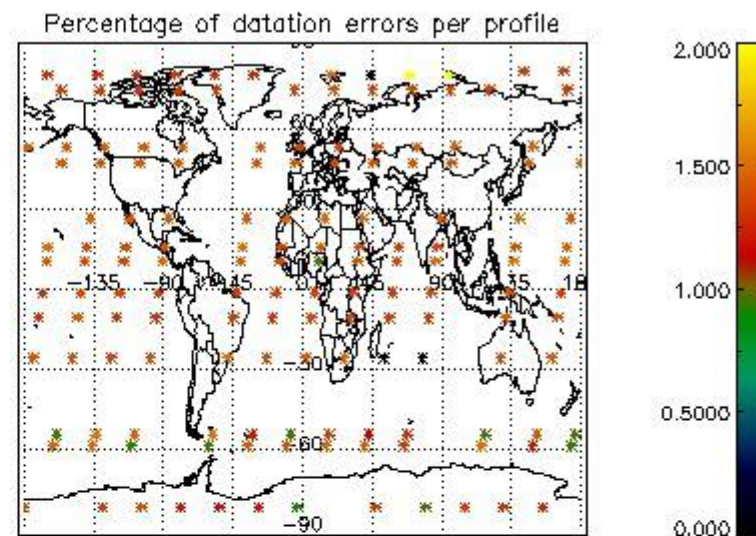
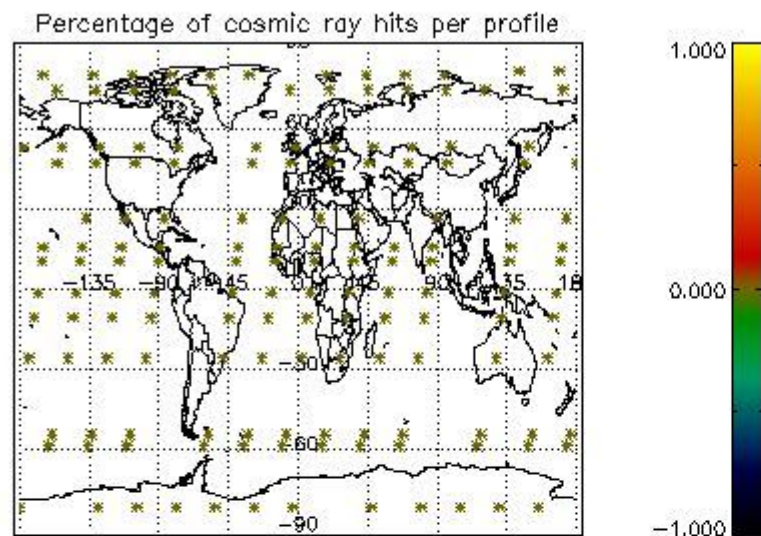
Percentage of star falling outside central band per profile



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

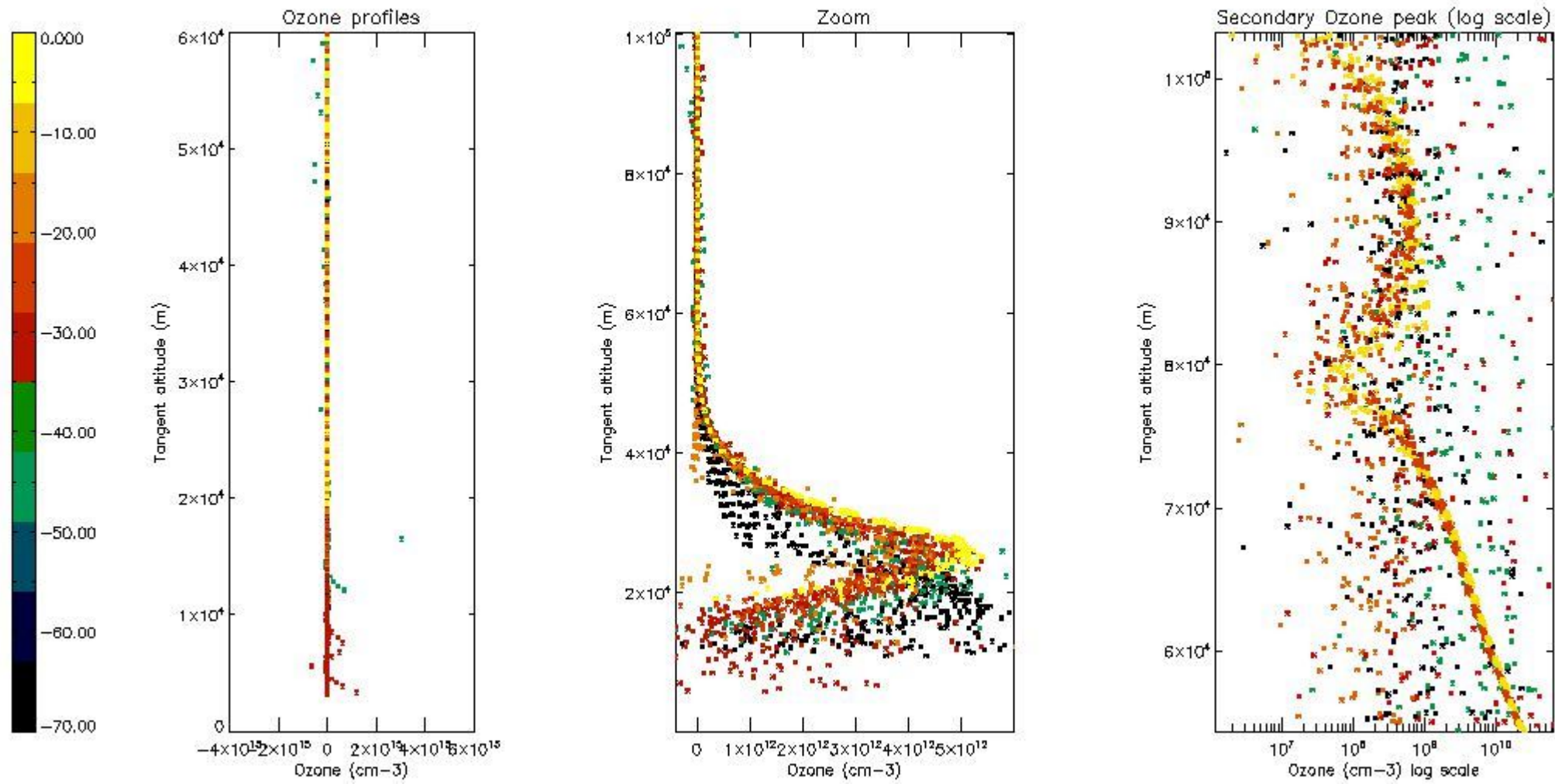
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	27
STD < 20	11

STD < 10	7
STD < 5	5

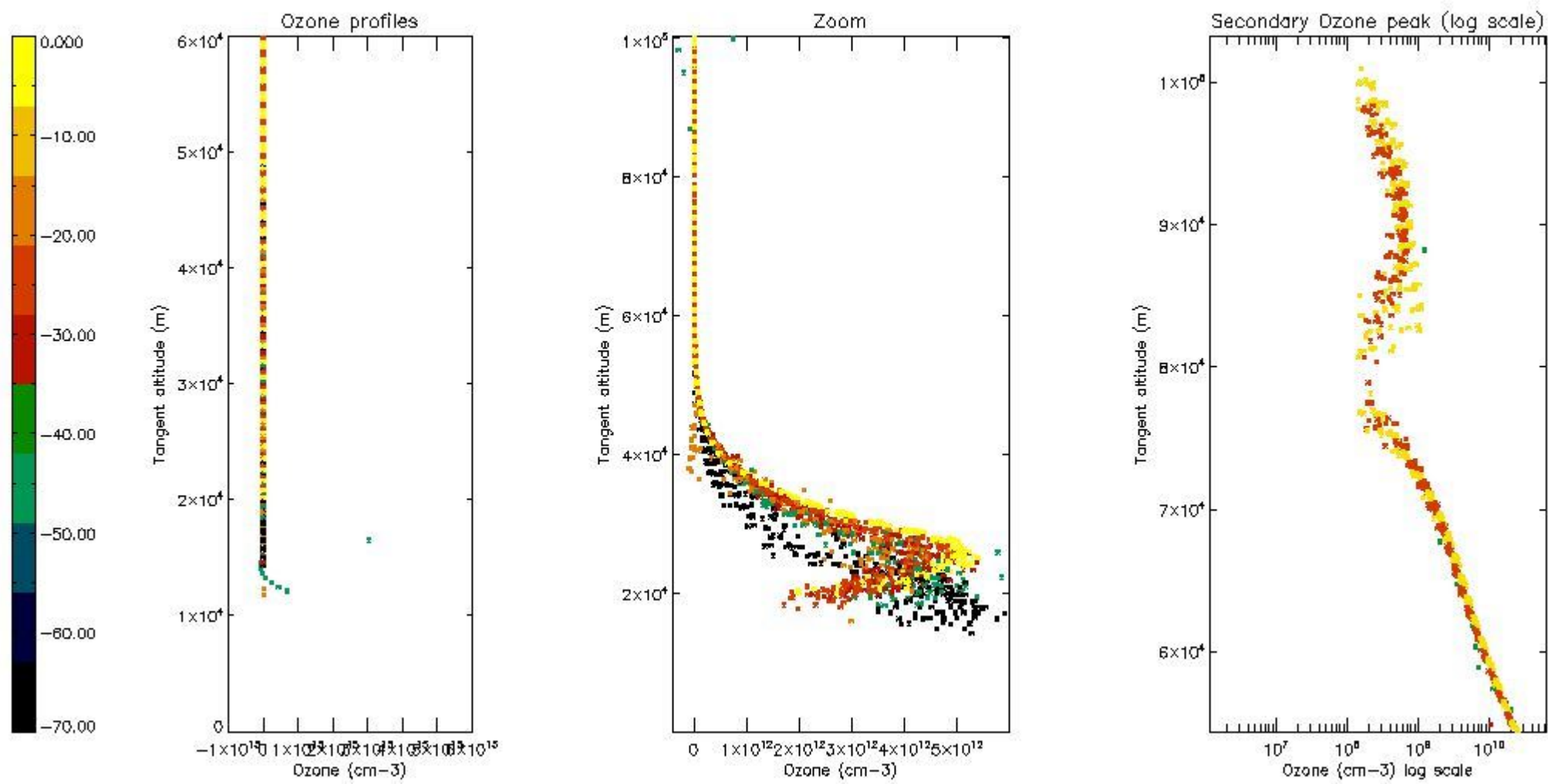
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



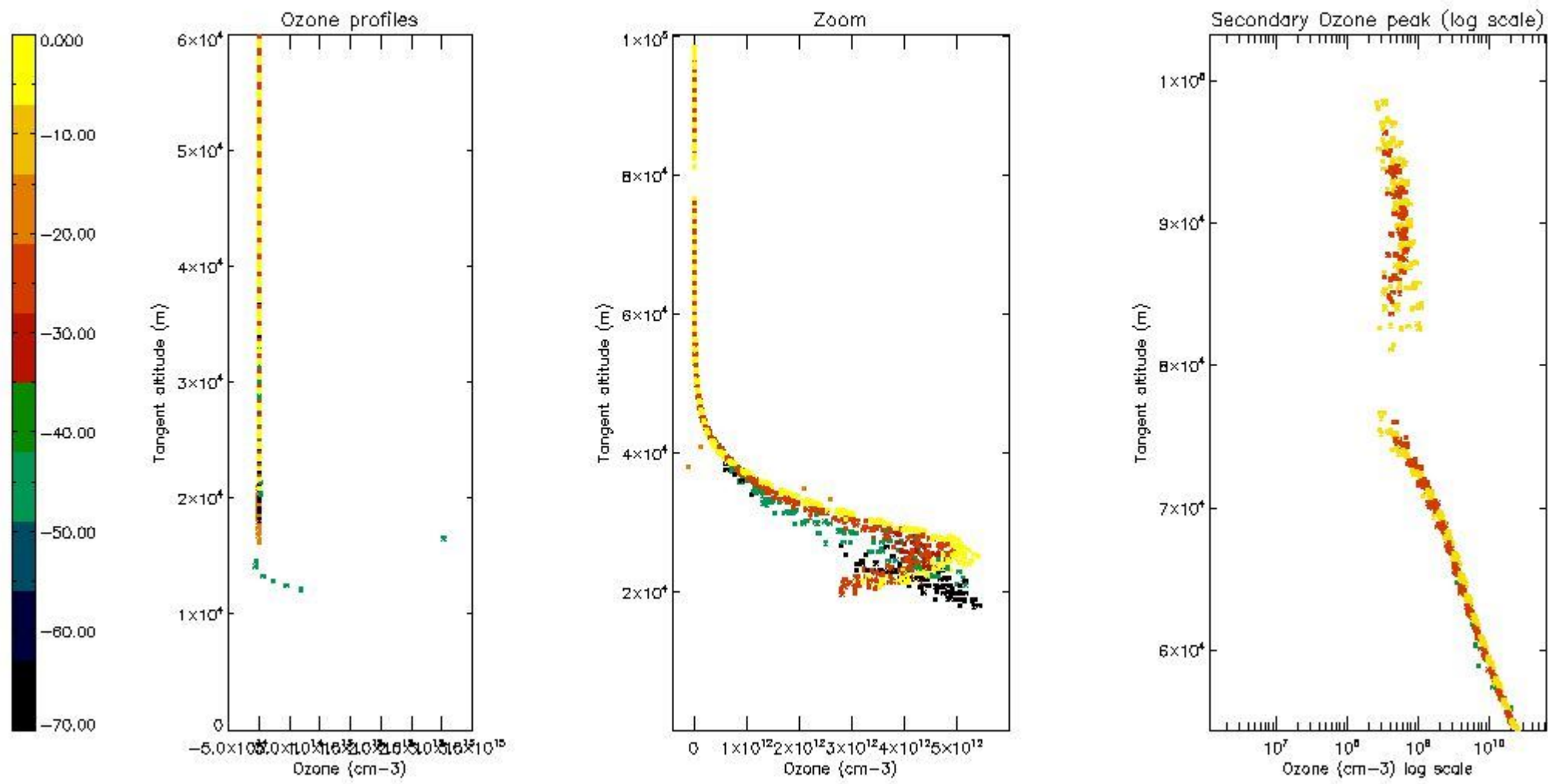
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



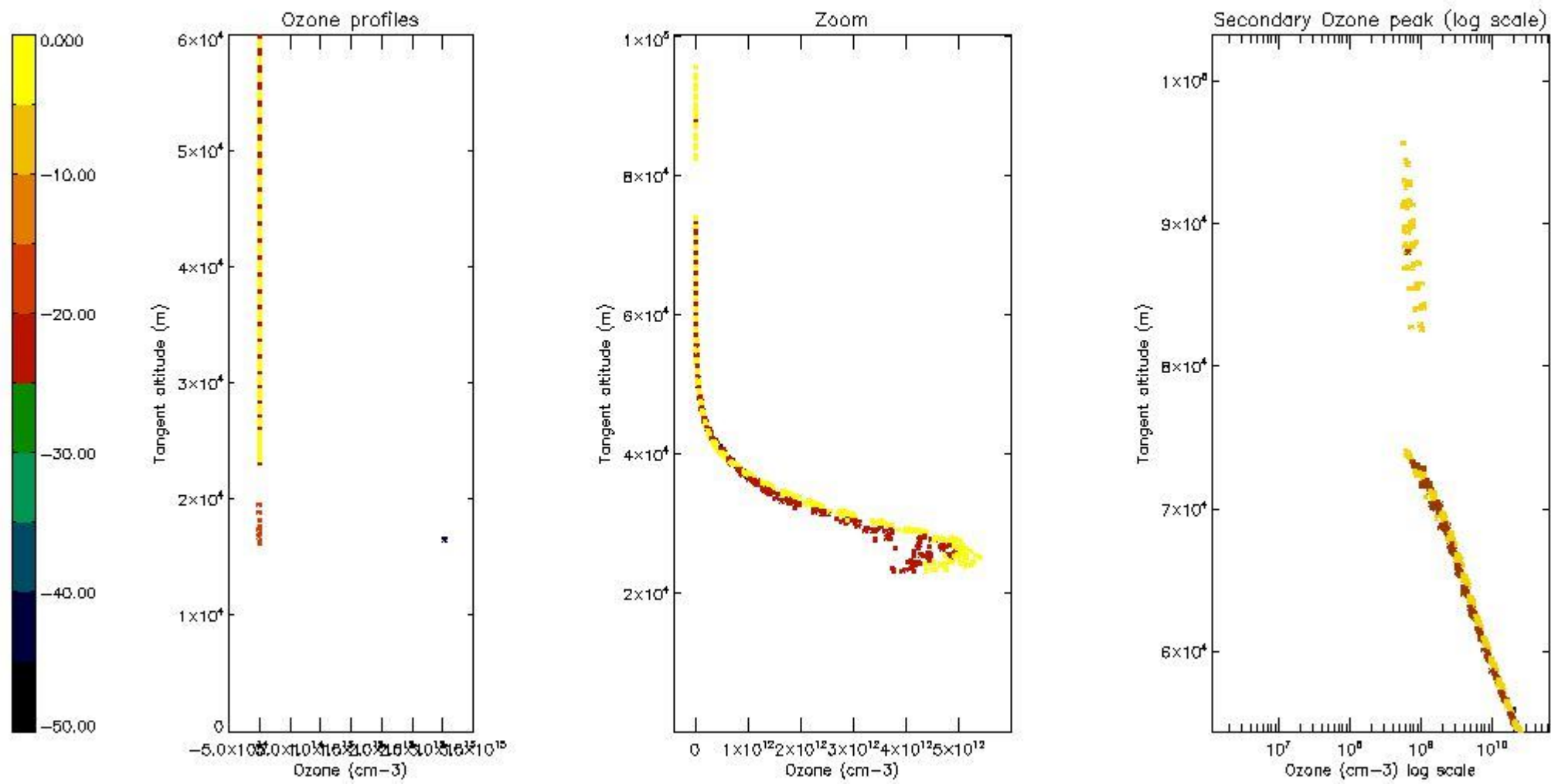
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



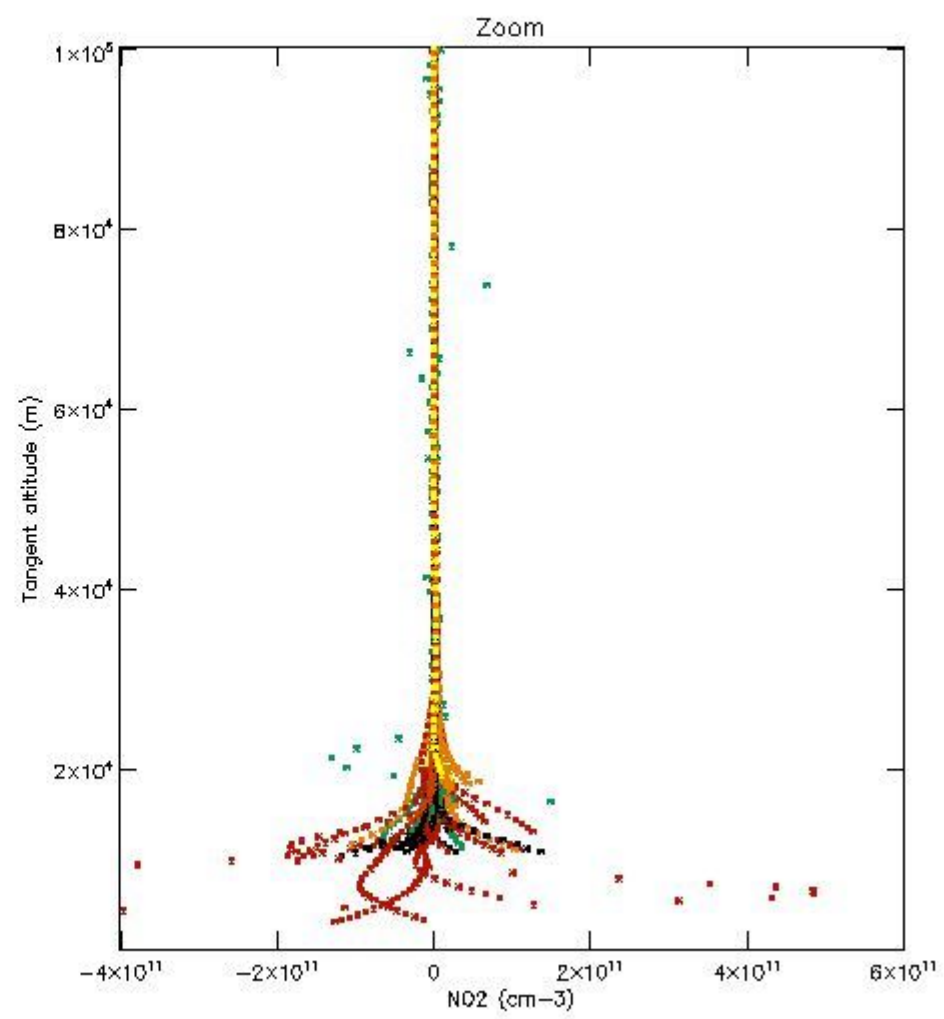
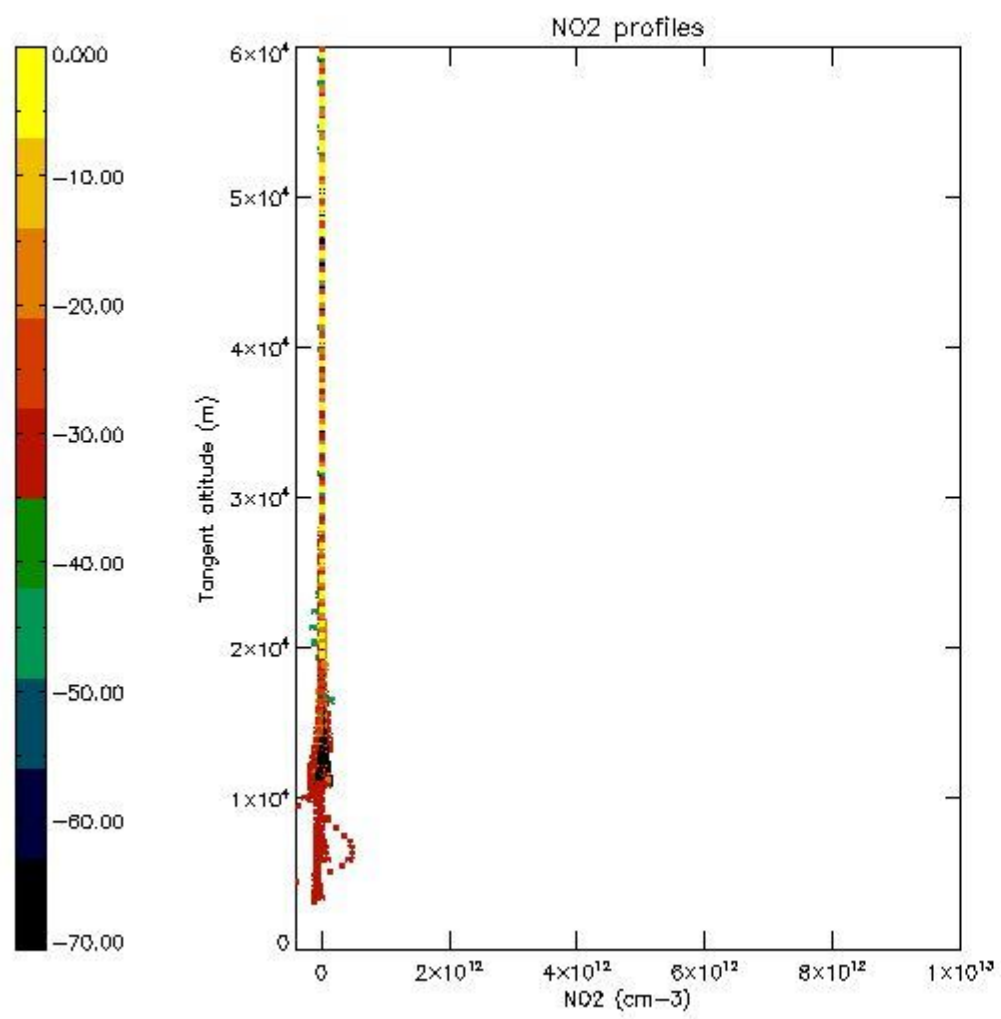
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



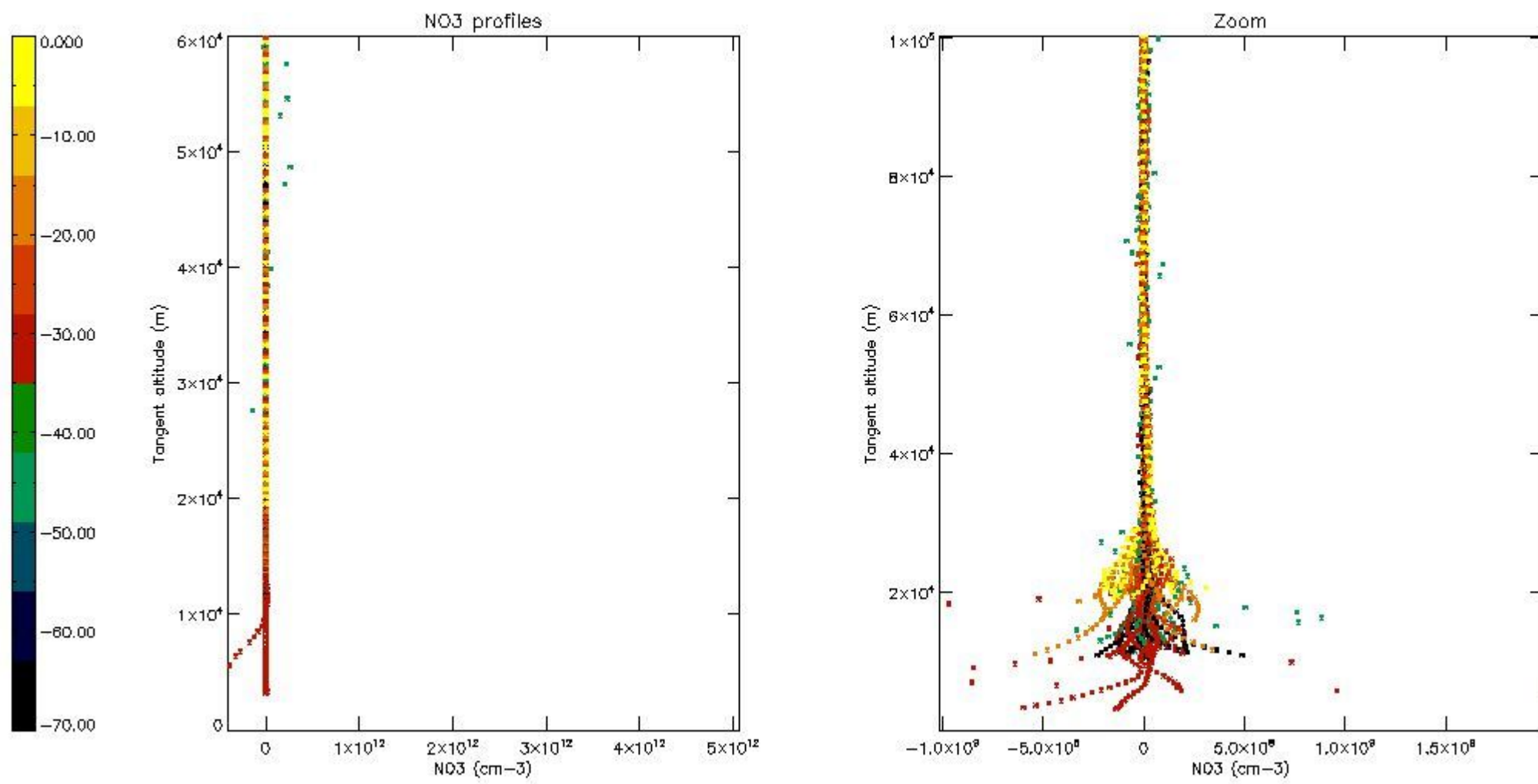
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



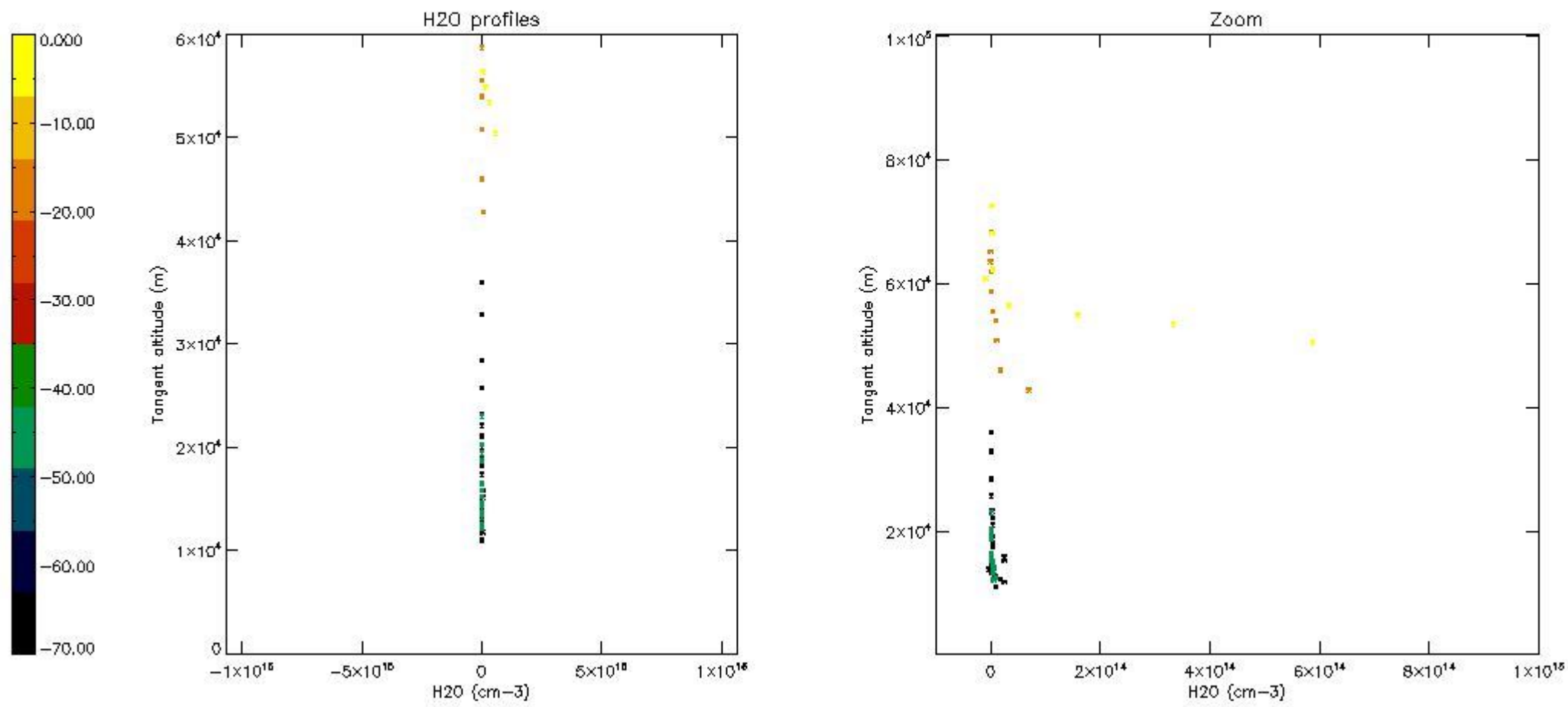
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

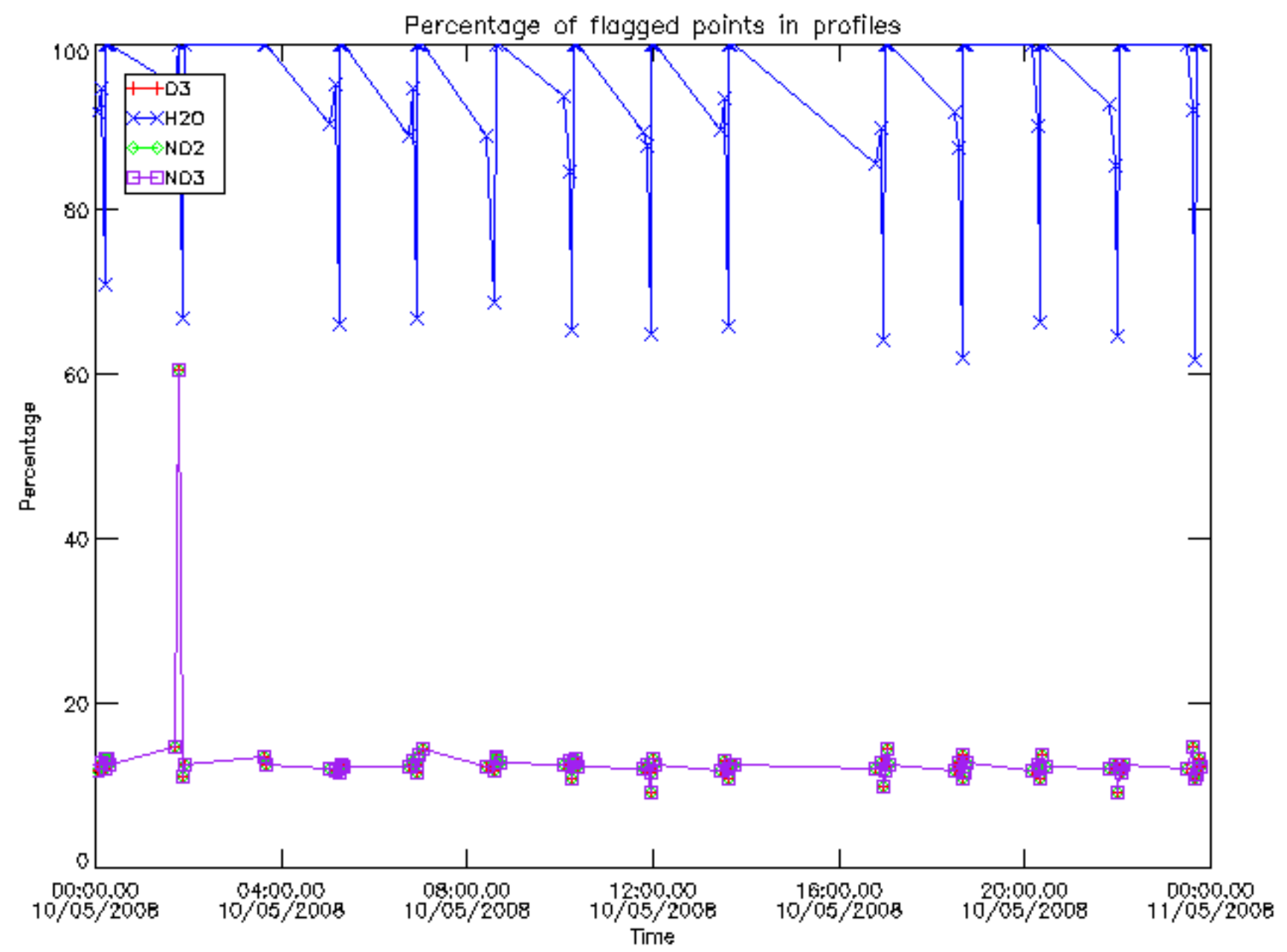
The colorbar represents the latitude.



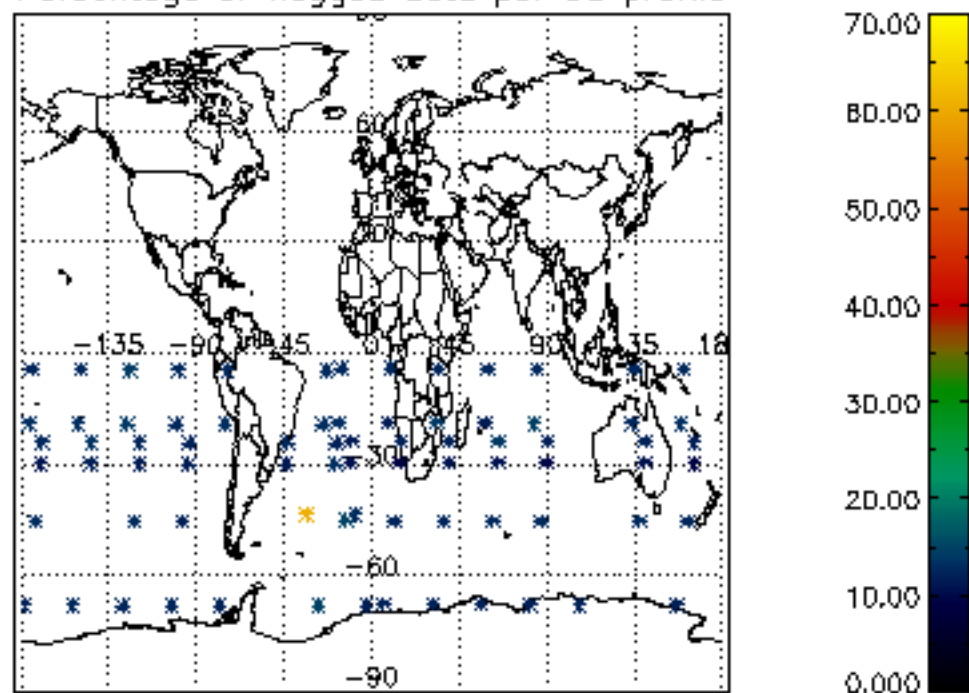
6. Auxiliary Data Files used for the production reported in section 2

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

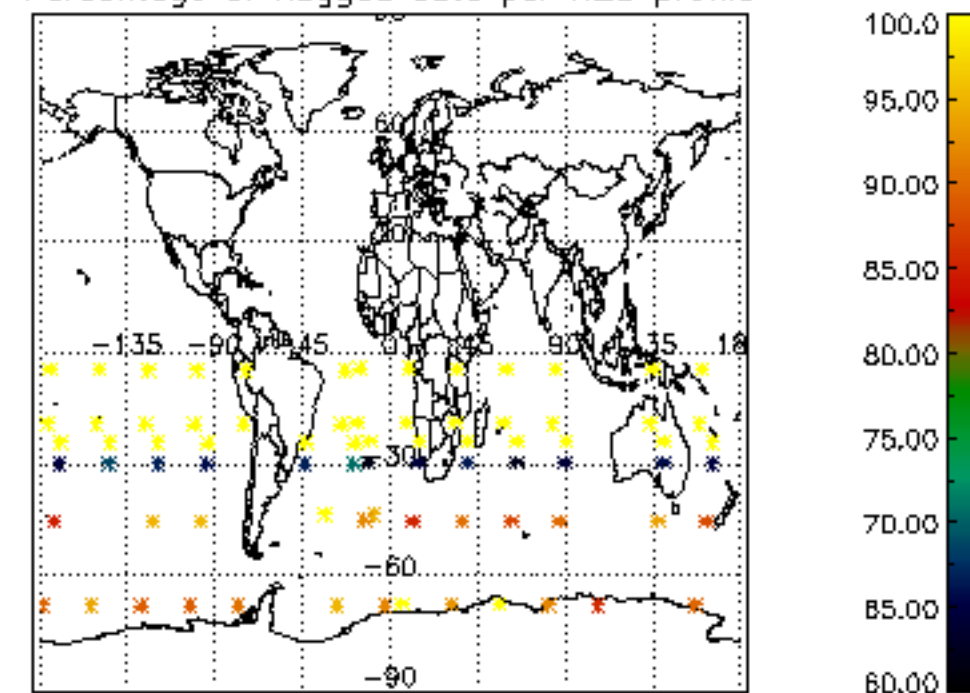
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	10-MAY-2008 00:01:45
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	10-MAY-2008 00:01:45
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	10-MAY-2008 00:01:45



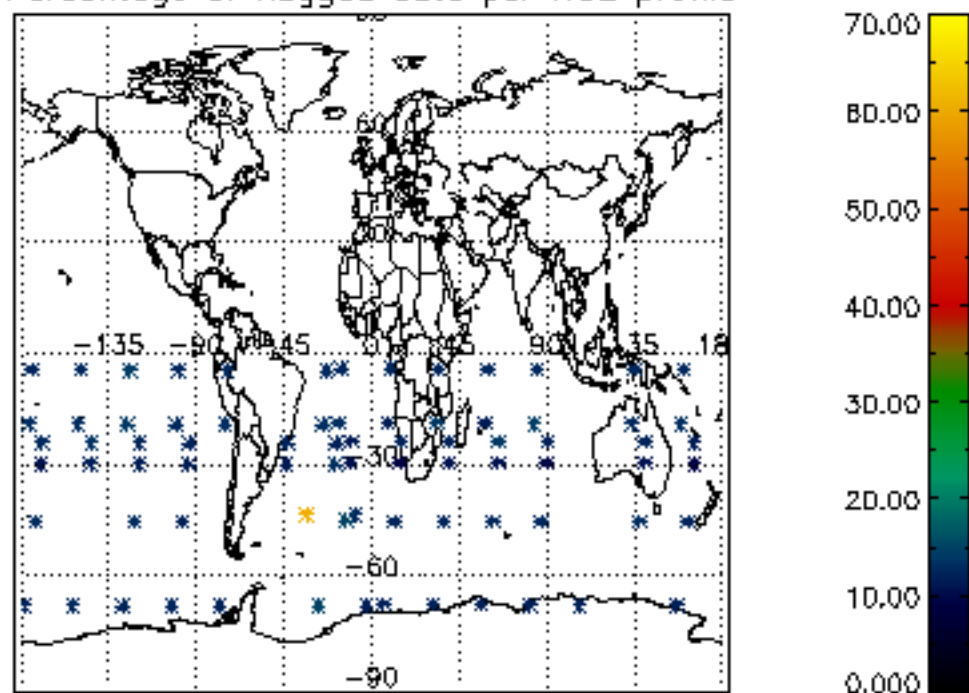
Percentage of flagged data per D3 profile



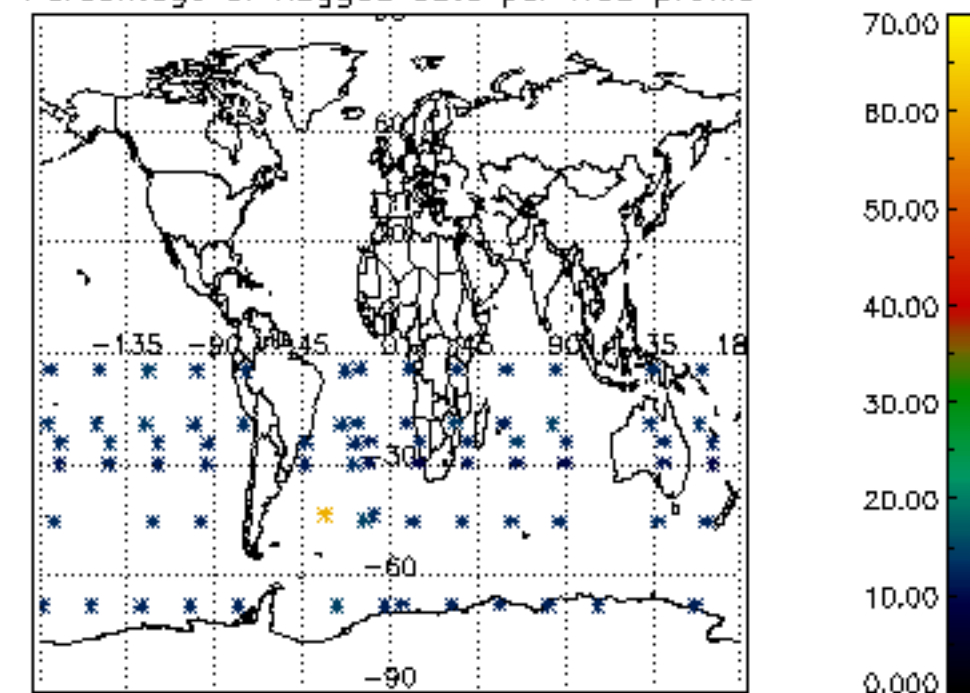
Percentage of flagged data per H2O profile

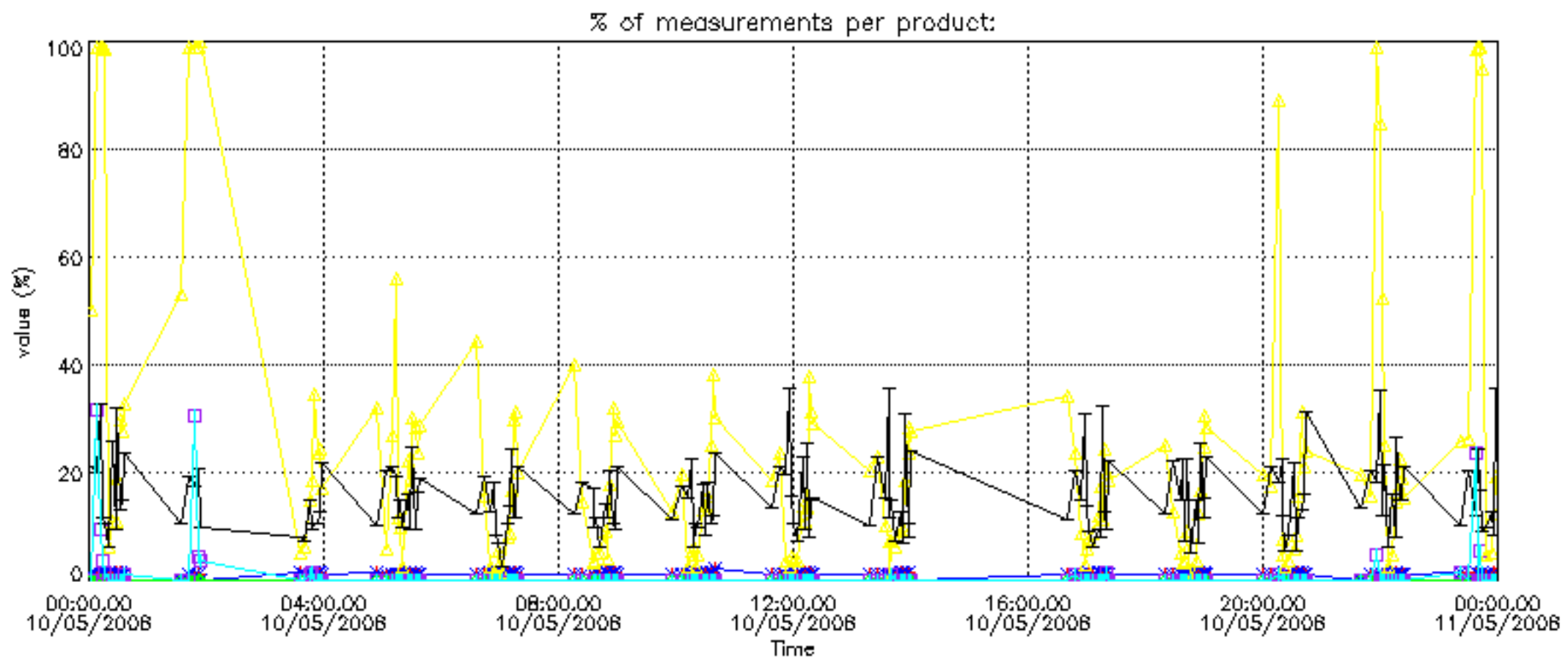


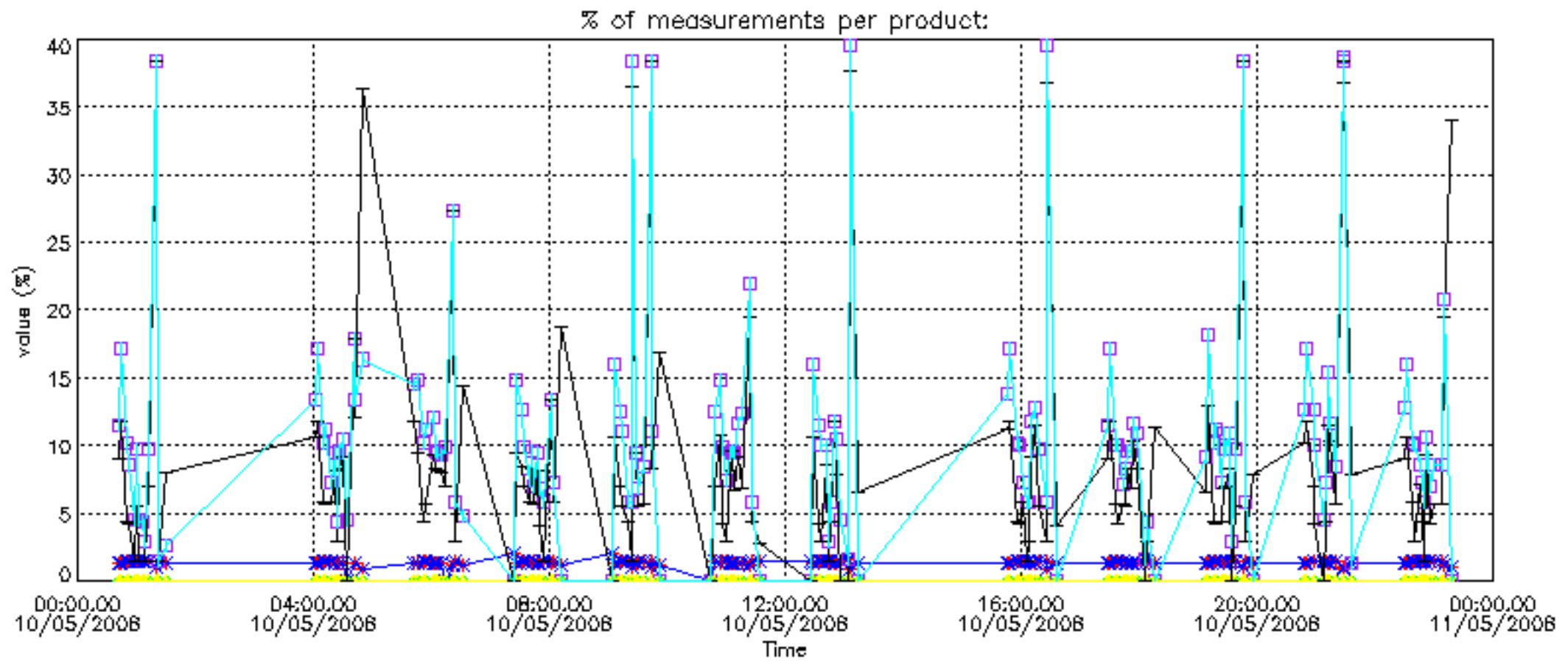
Percentage of flagged data per NO2 profile



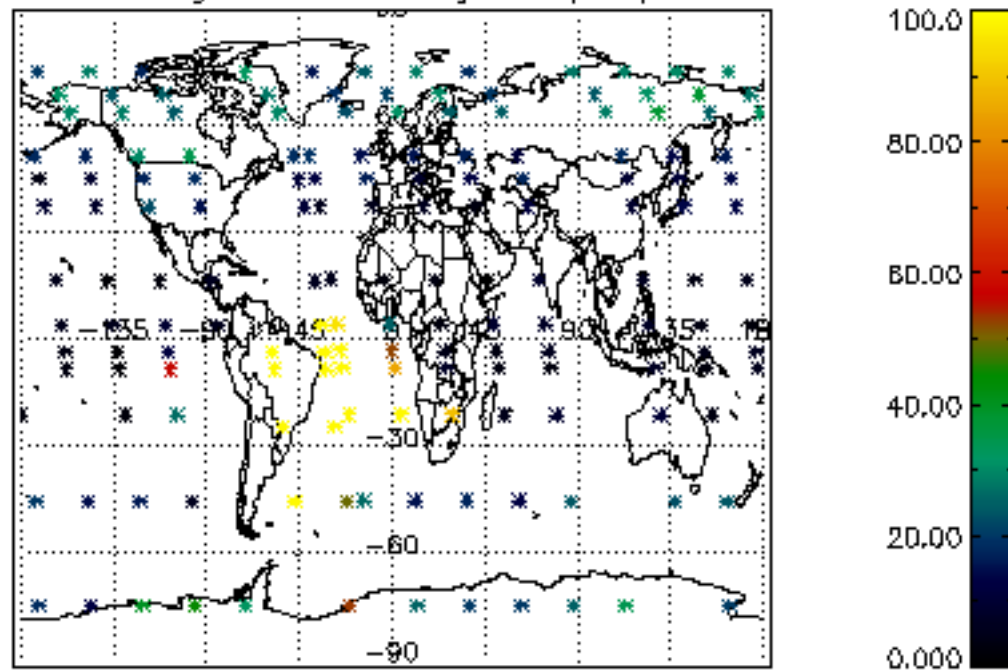
Percentage of flagged data per NO3 profile



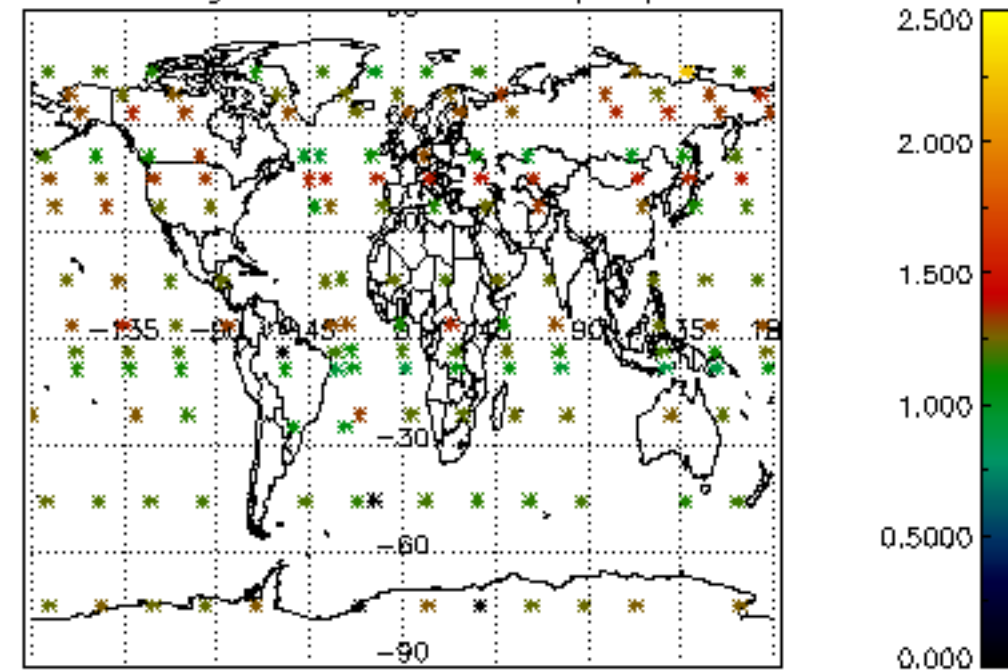




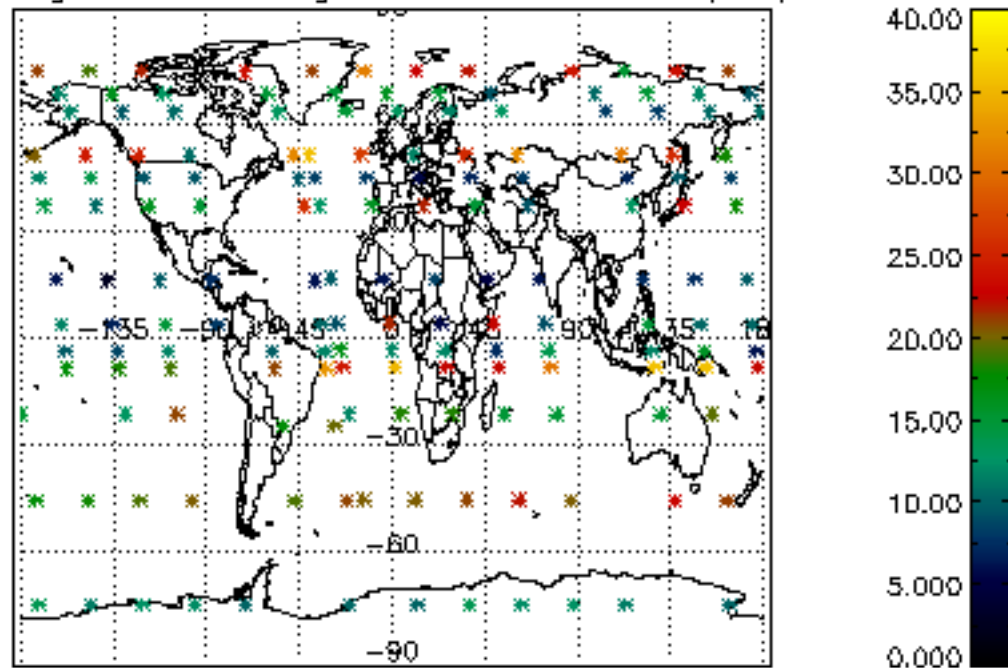
Percentage of cosmic ray hits per profile



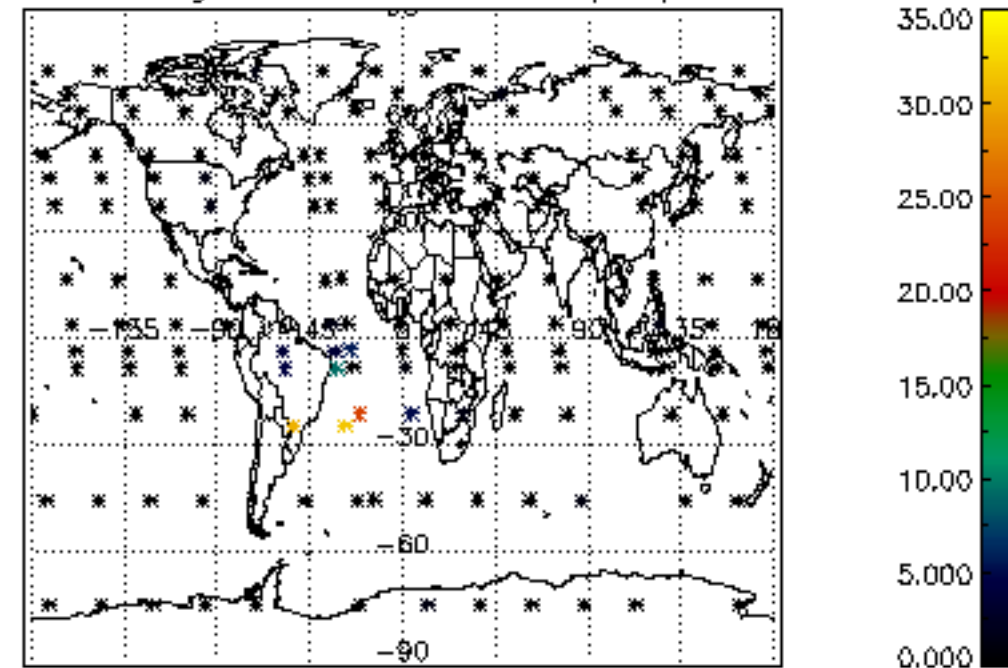
Percentage of datation errors per profile



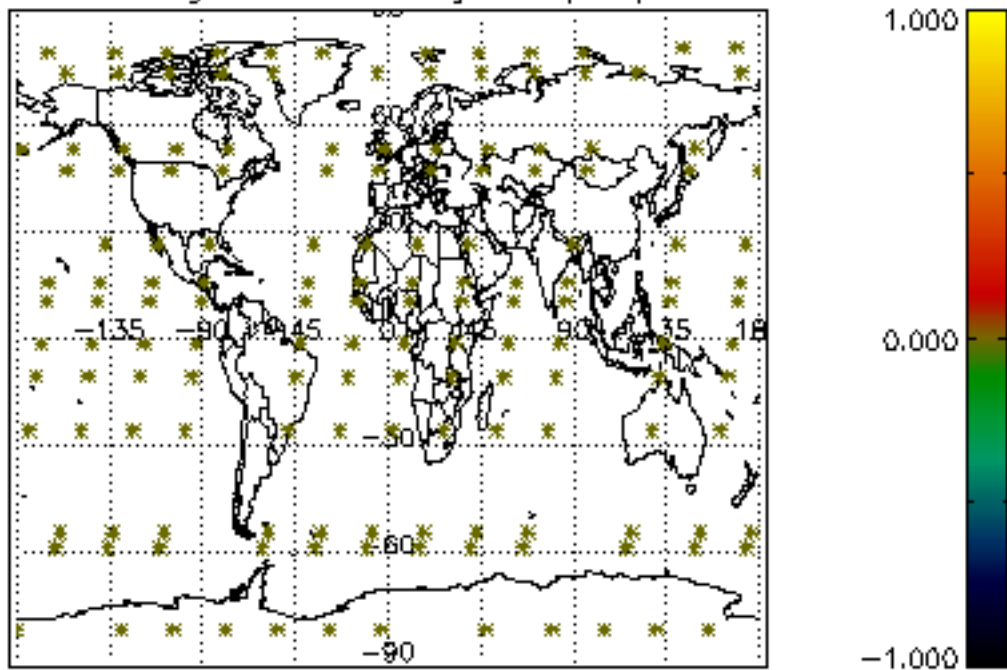
Percentage of star falling outside central band per profile



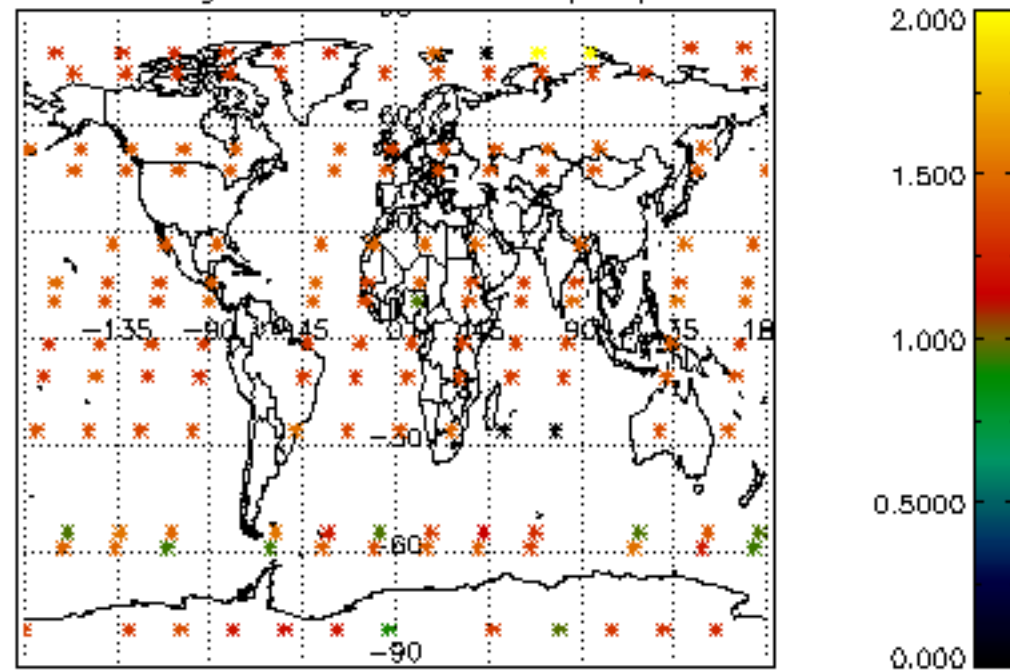
Percentage of saturation errors per profile



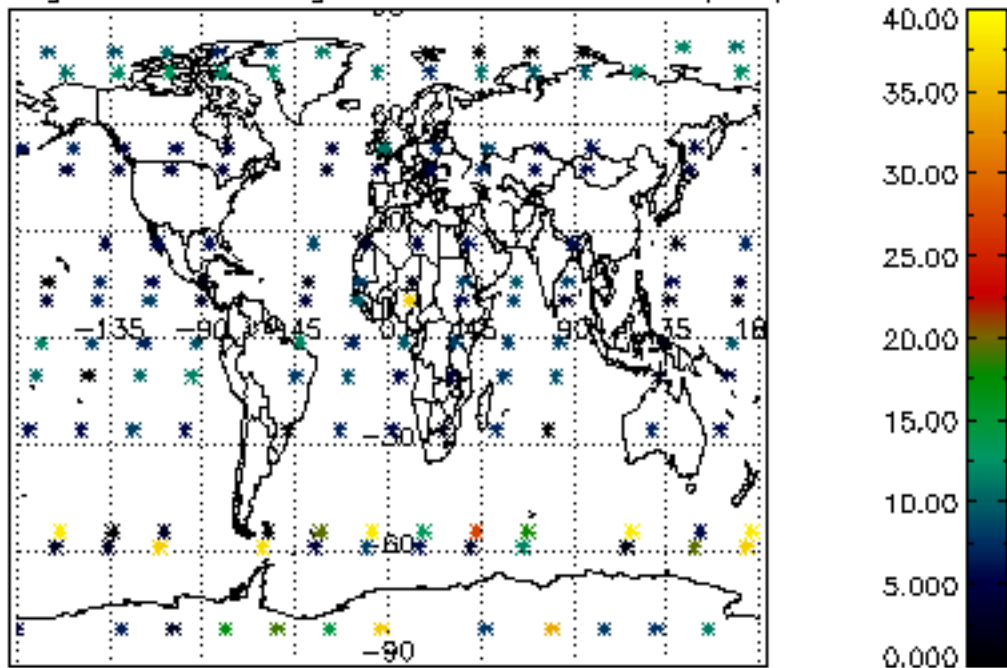
Percentage of cosmic ray hits per profile



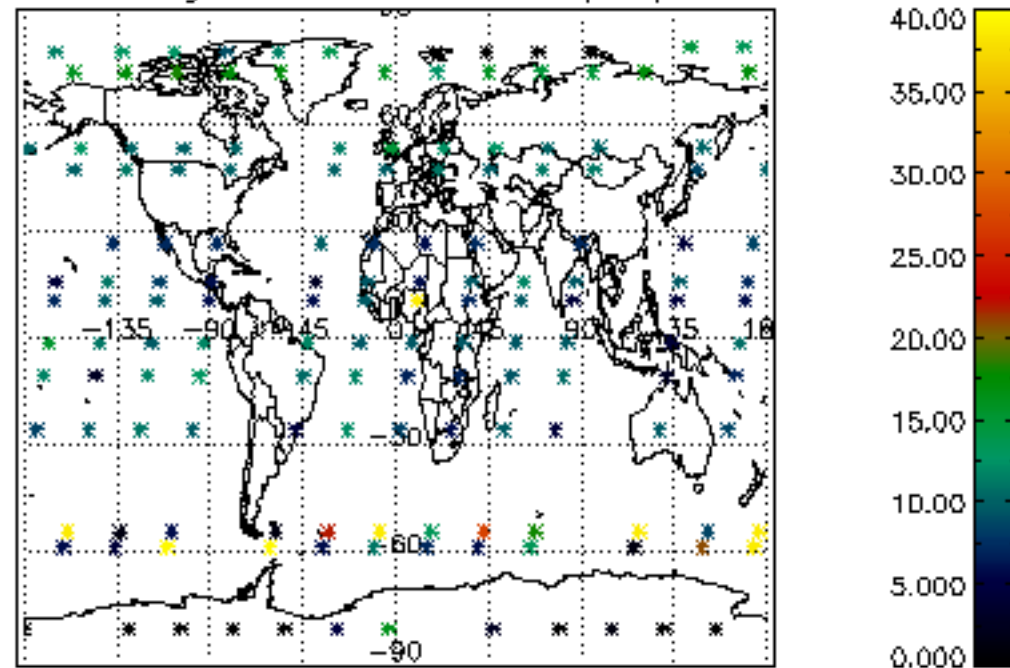
Percentage of datation errors per profile

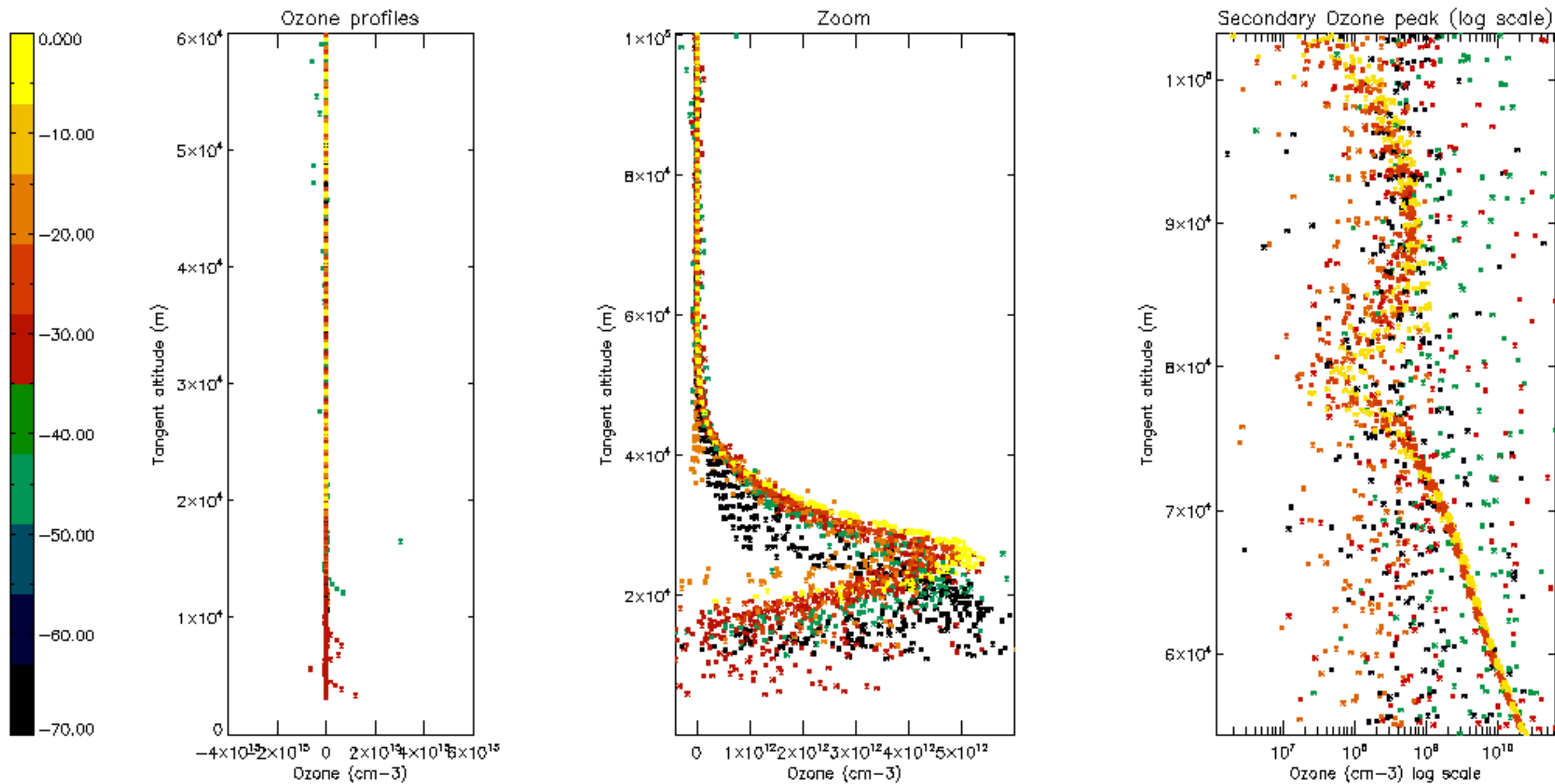


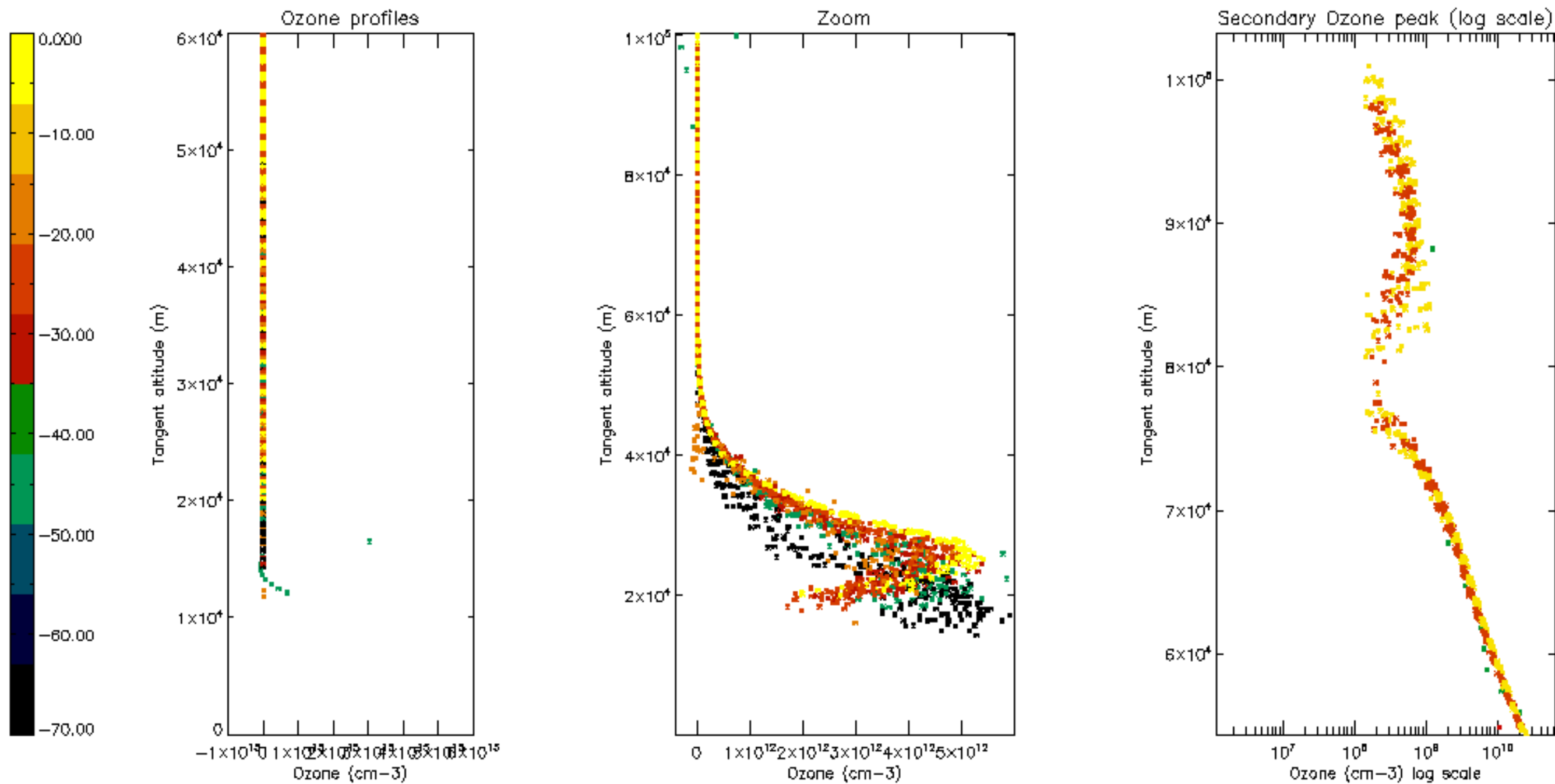
Percentage of star falling outside central band per profile

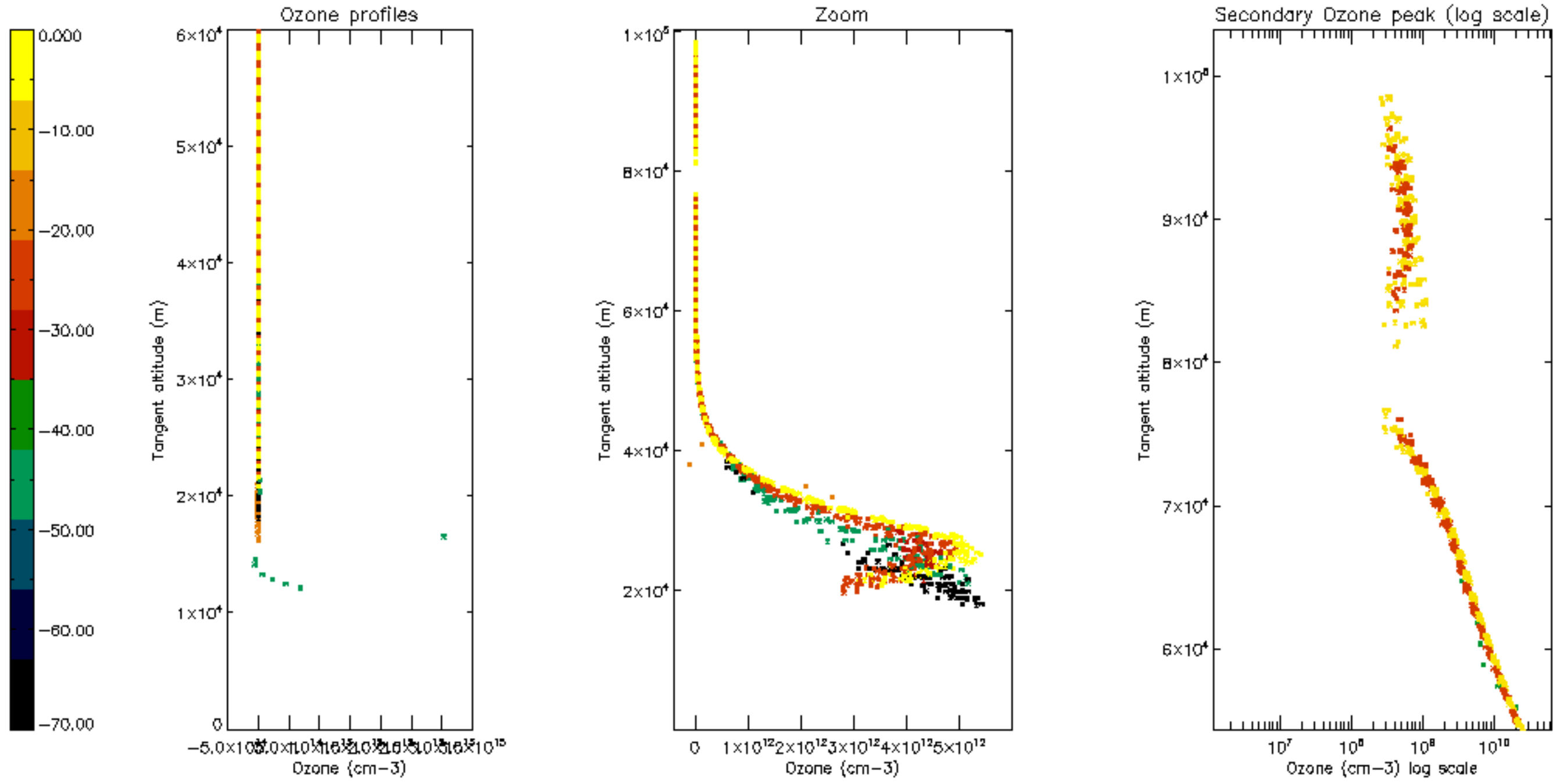


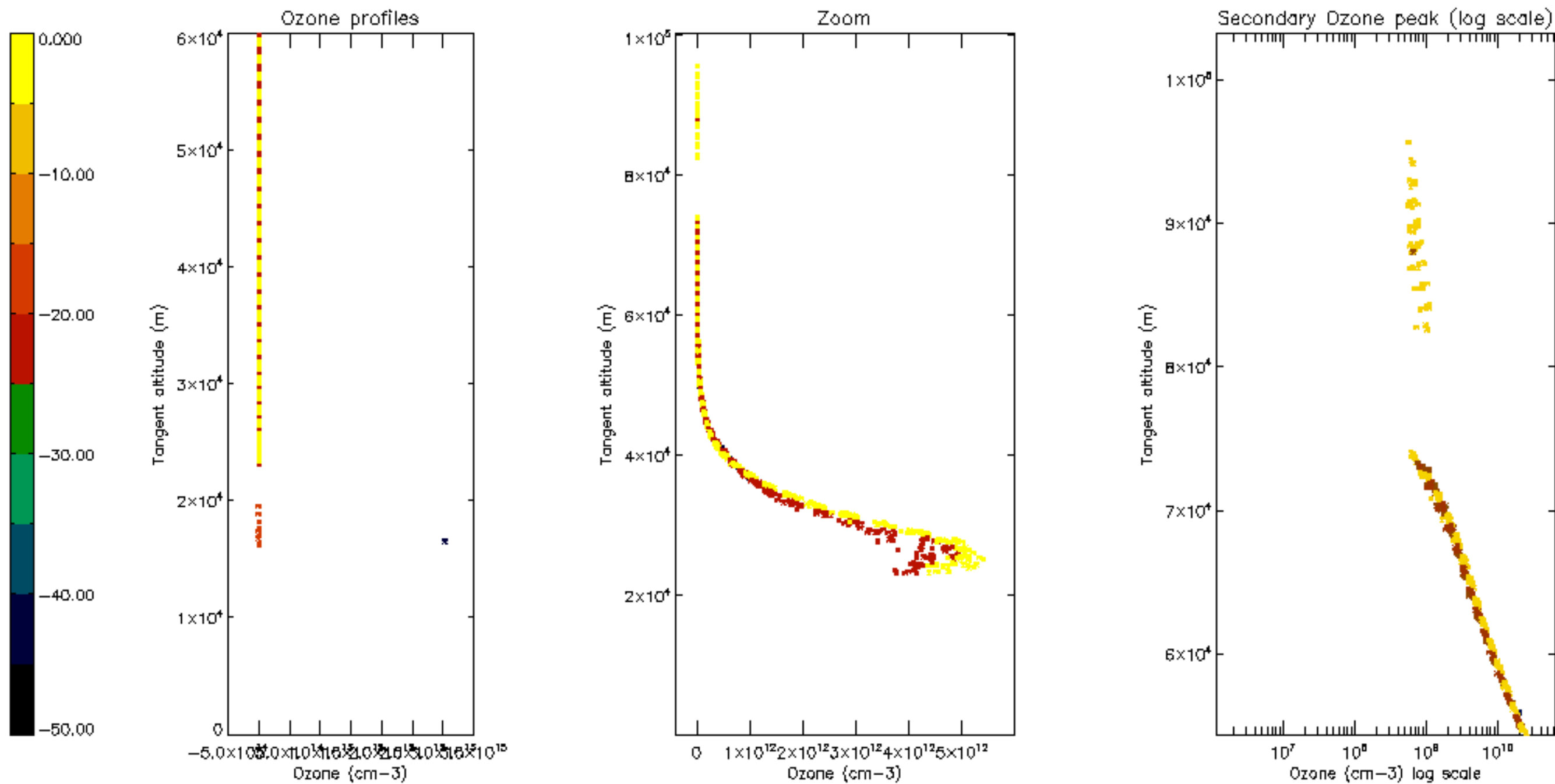
Percentage of saturation errors per profile

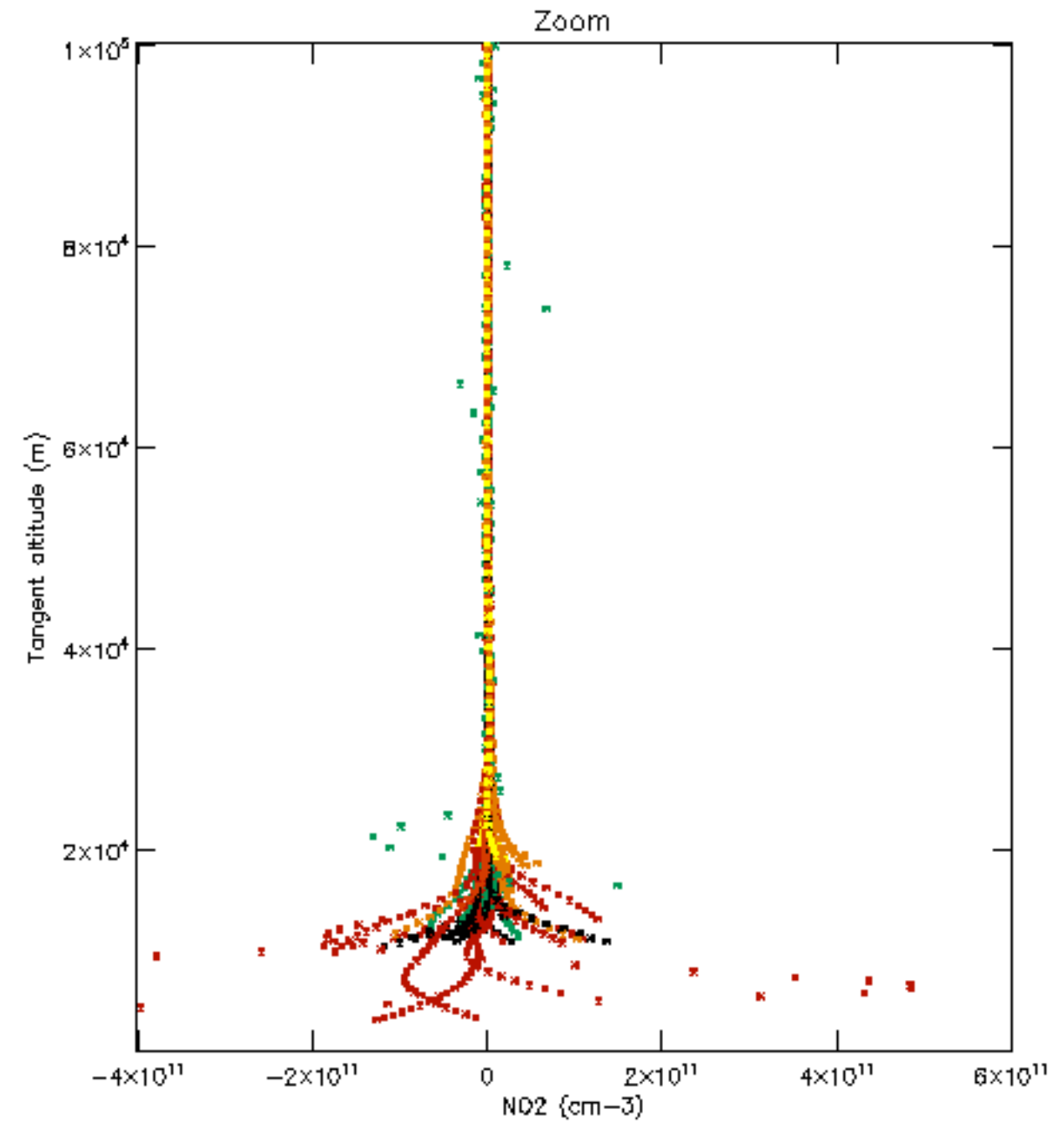
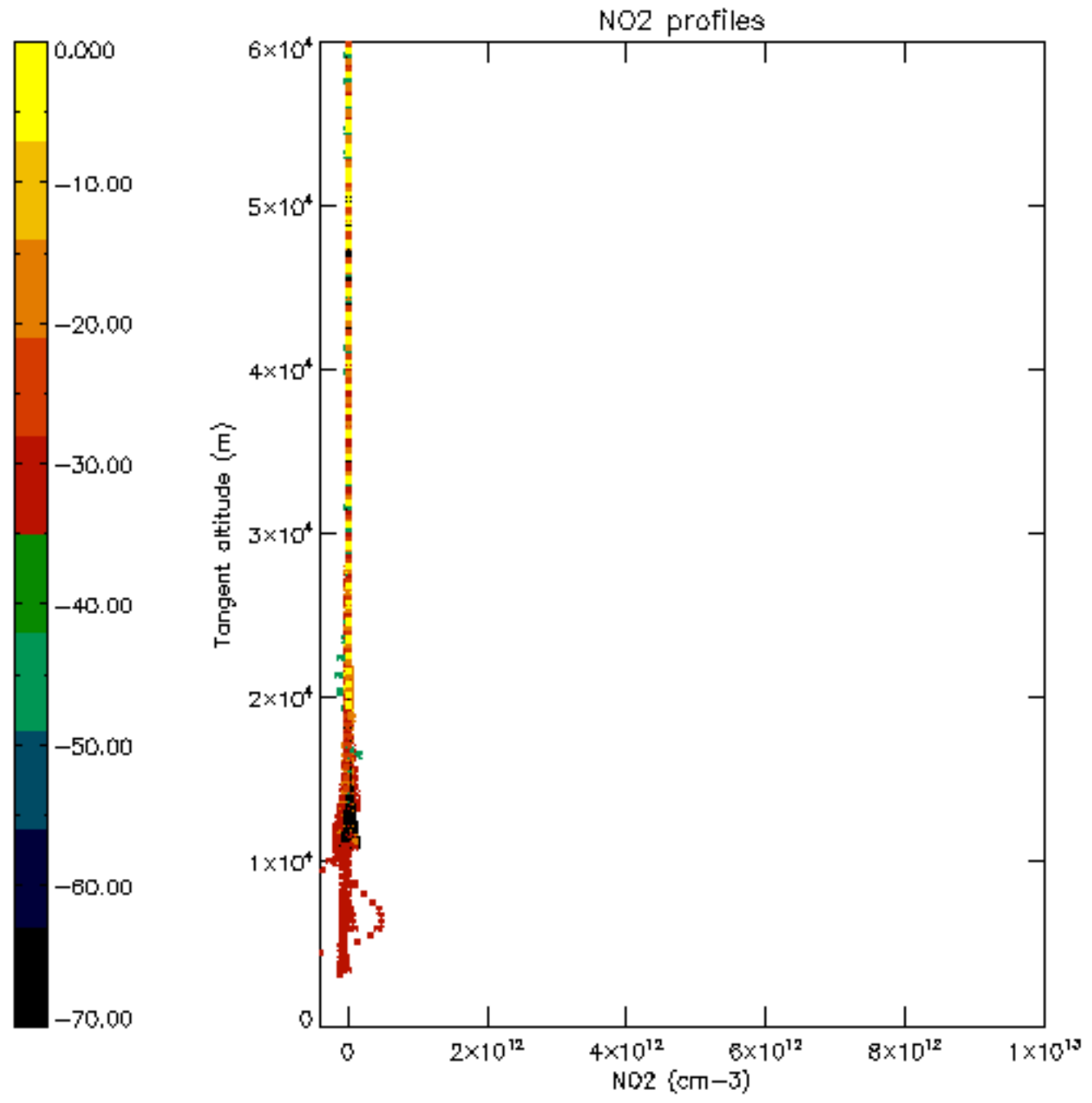


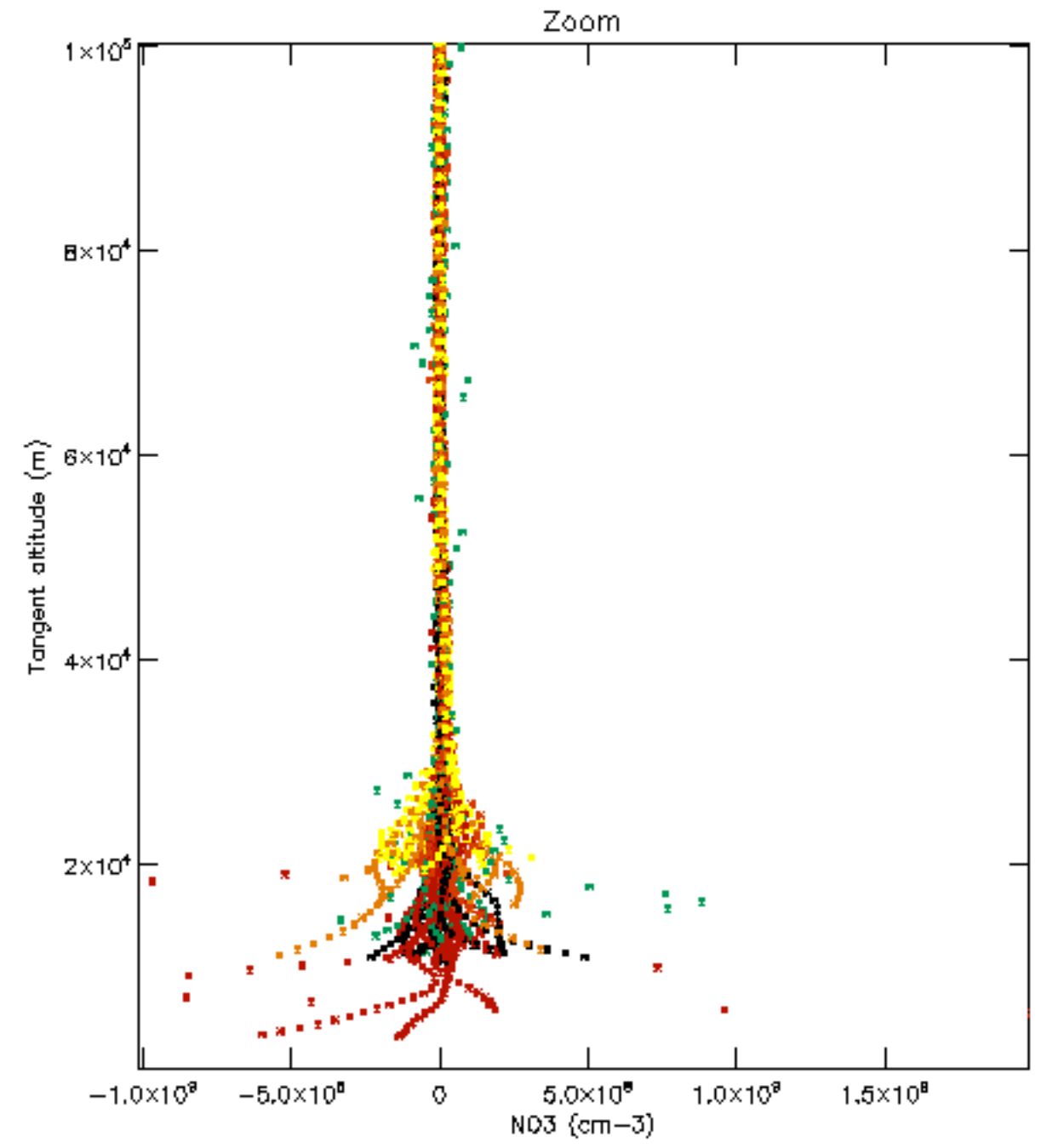
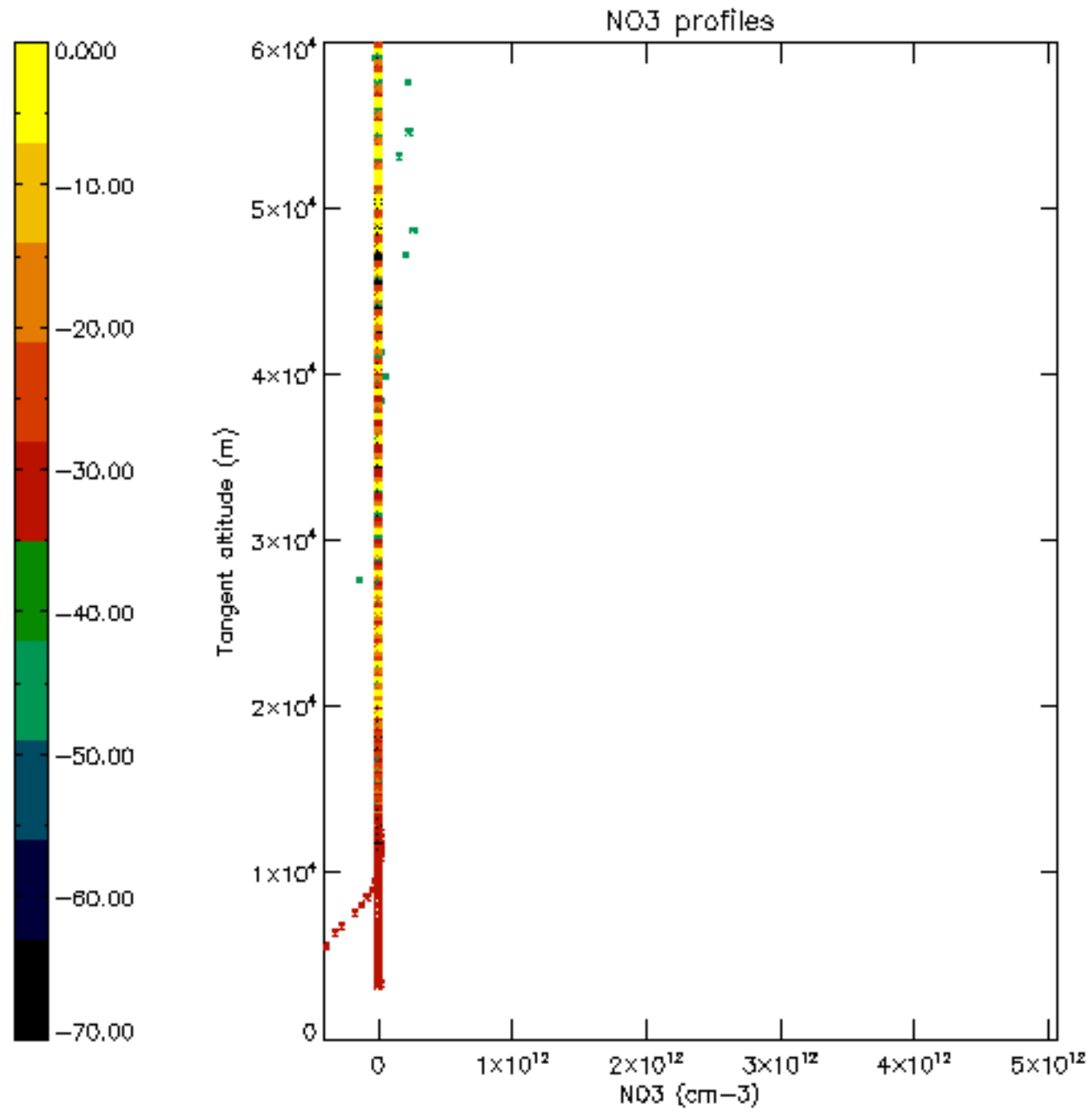


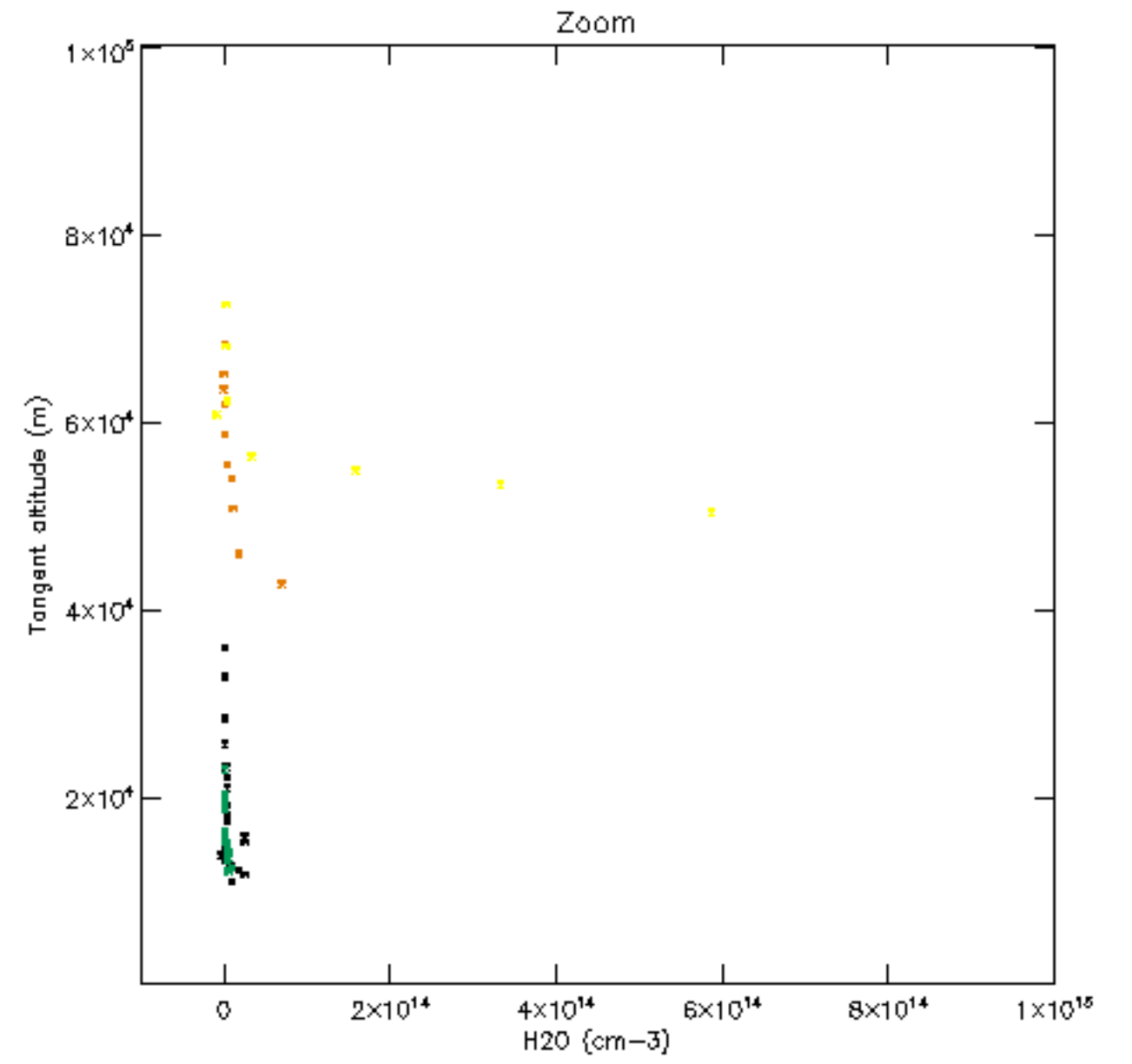
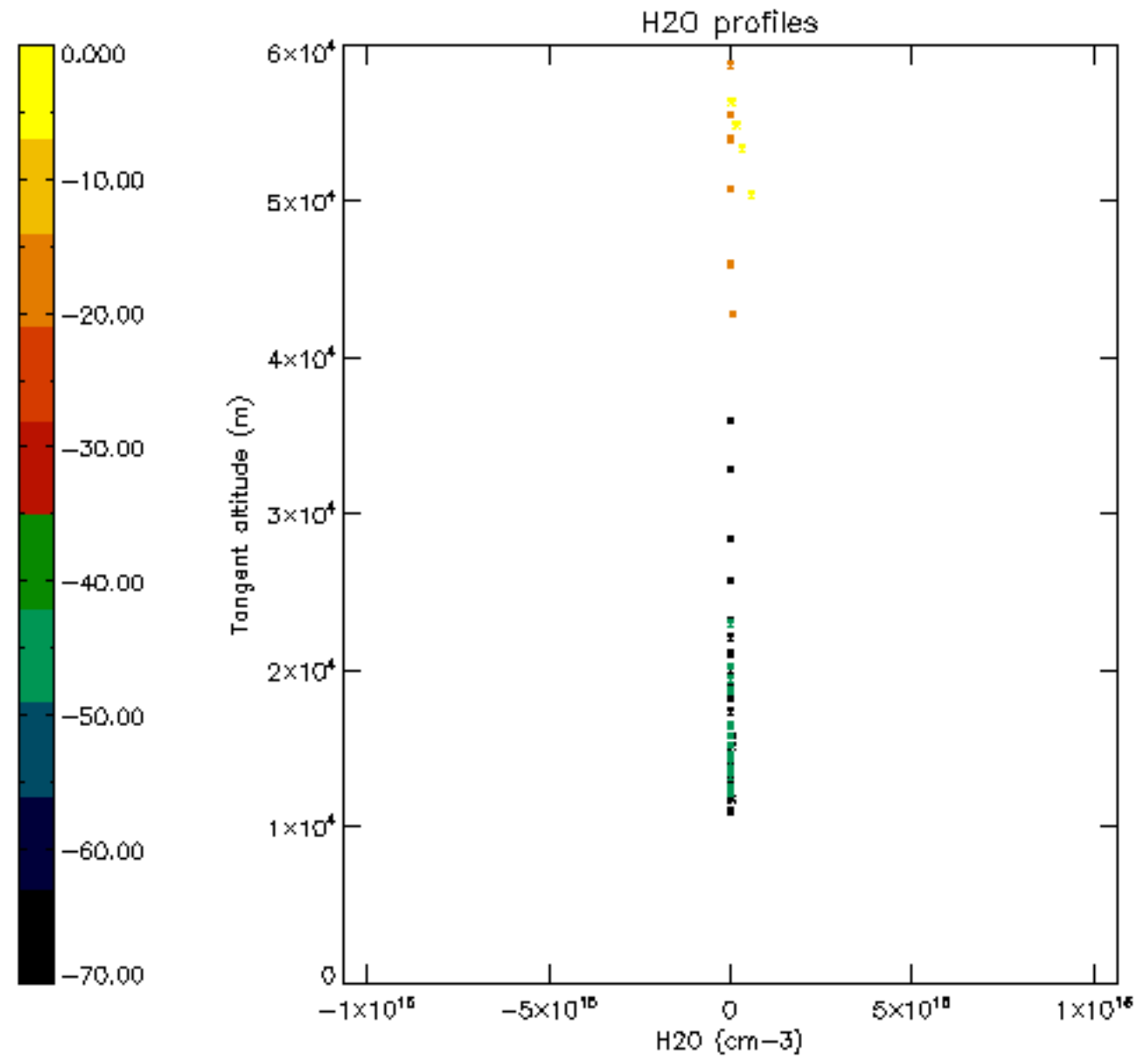


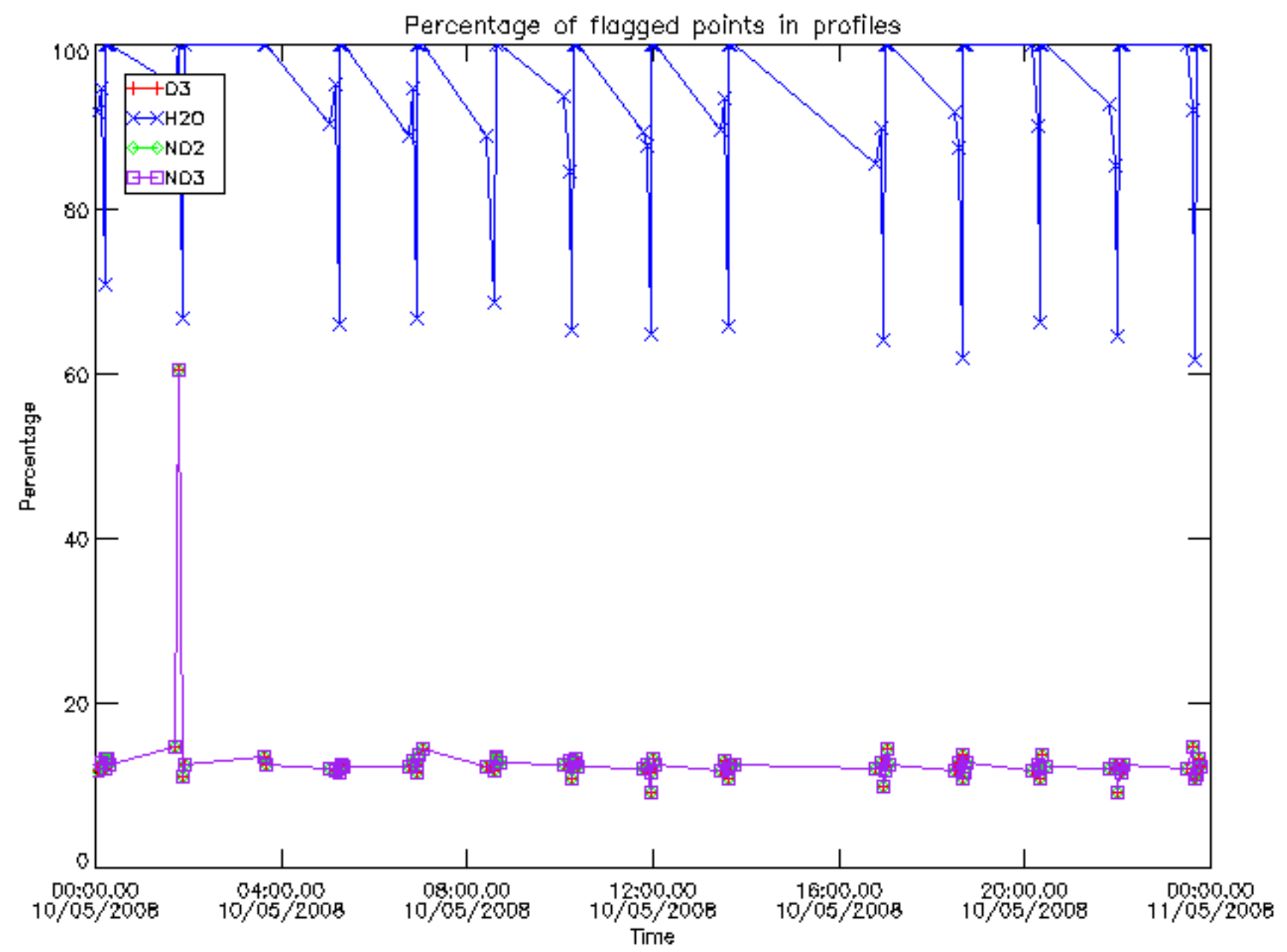




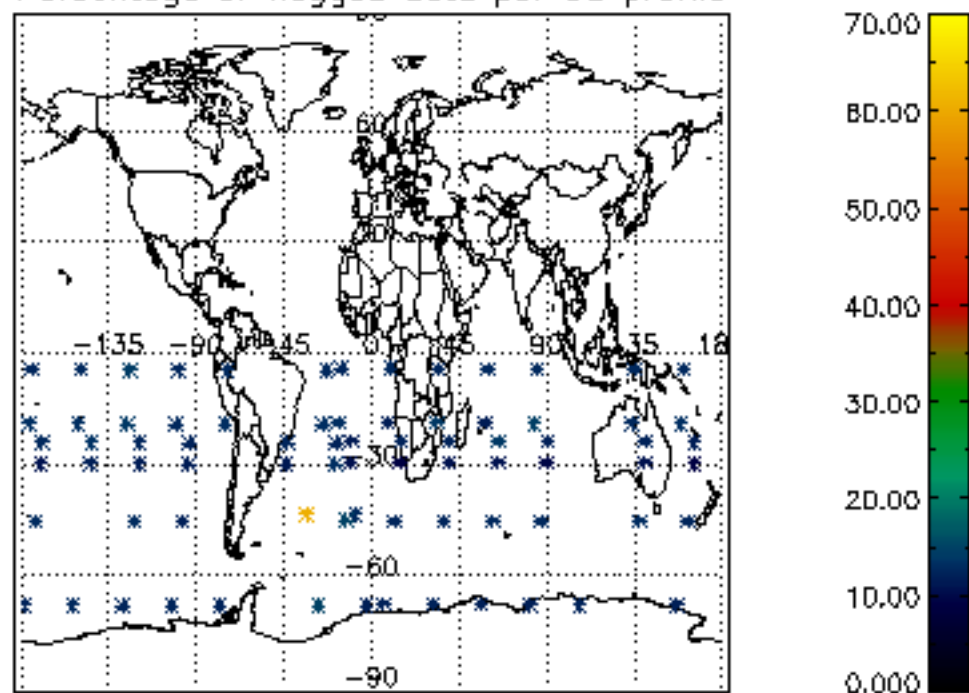




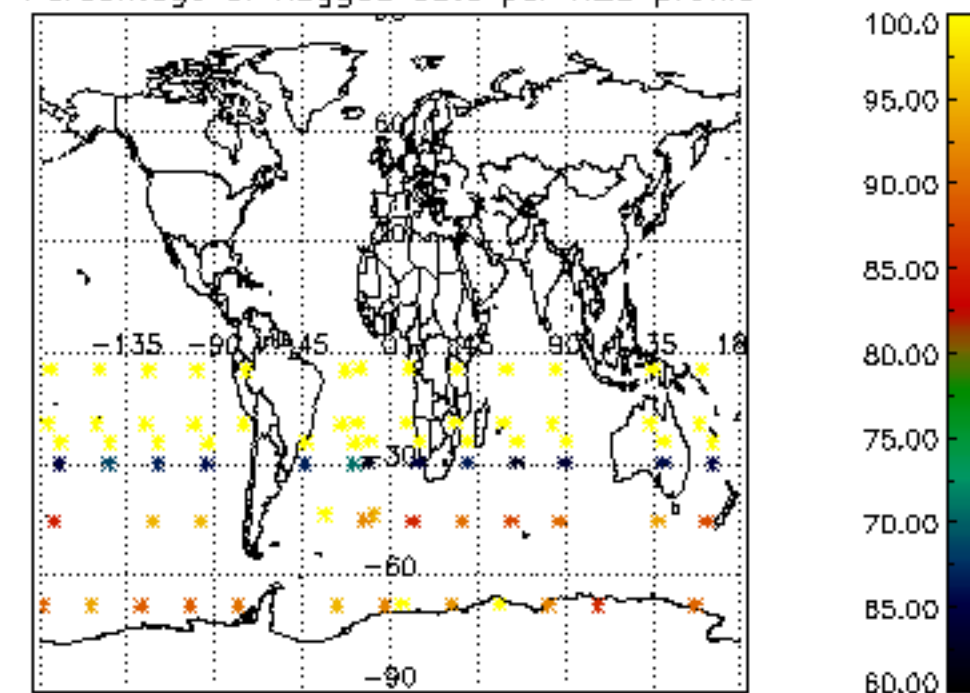




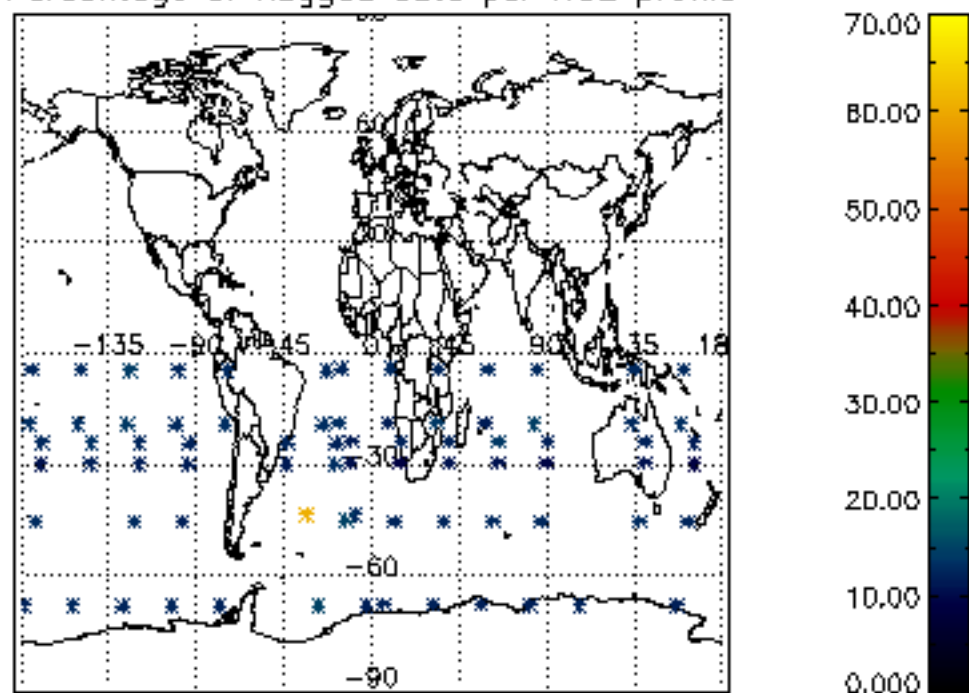
Percentage of flagged data per D3 profile



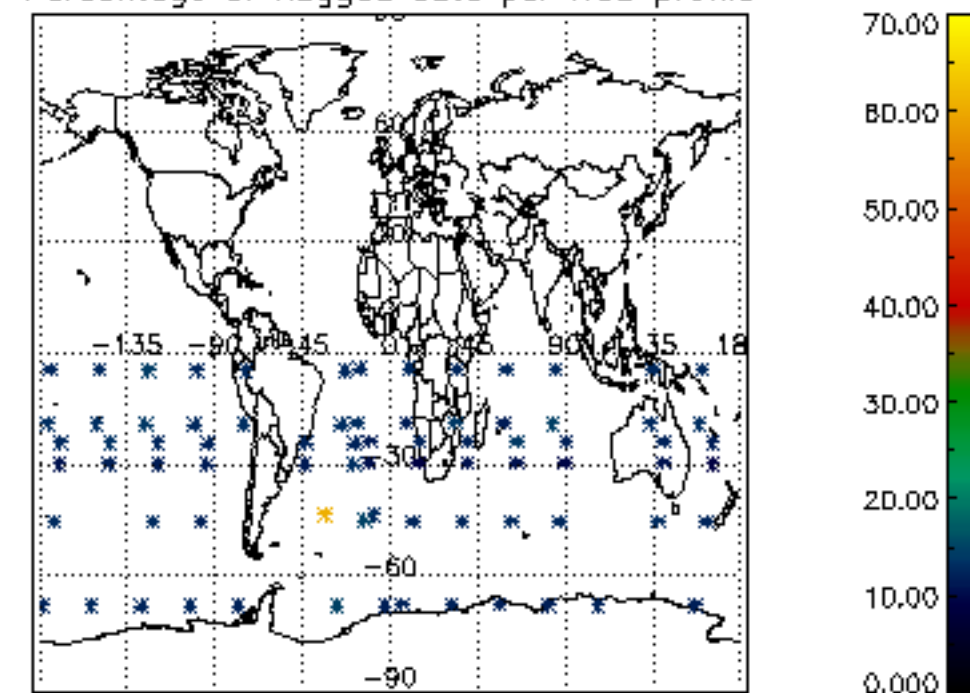
Percentage of flagged data per H2O profile

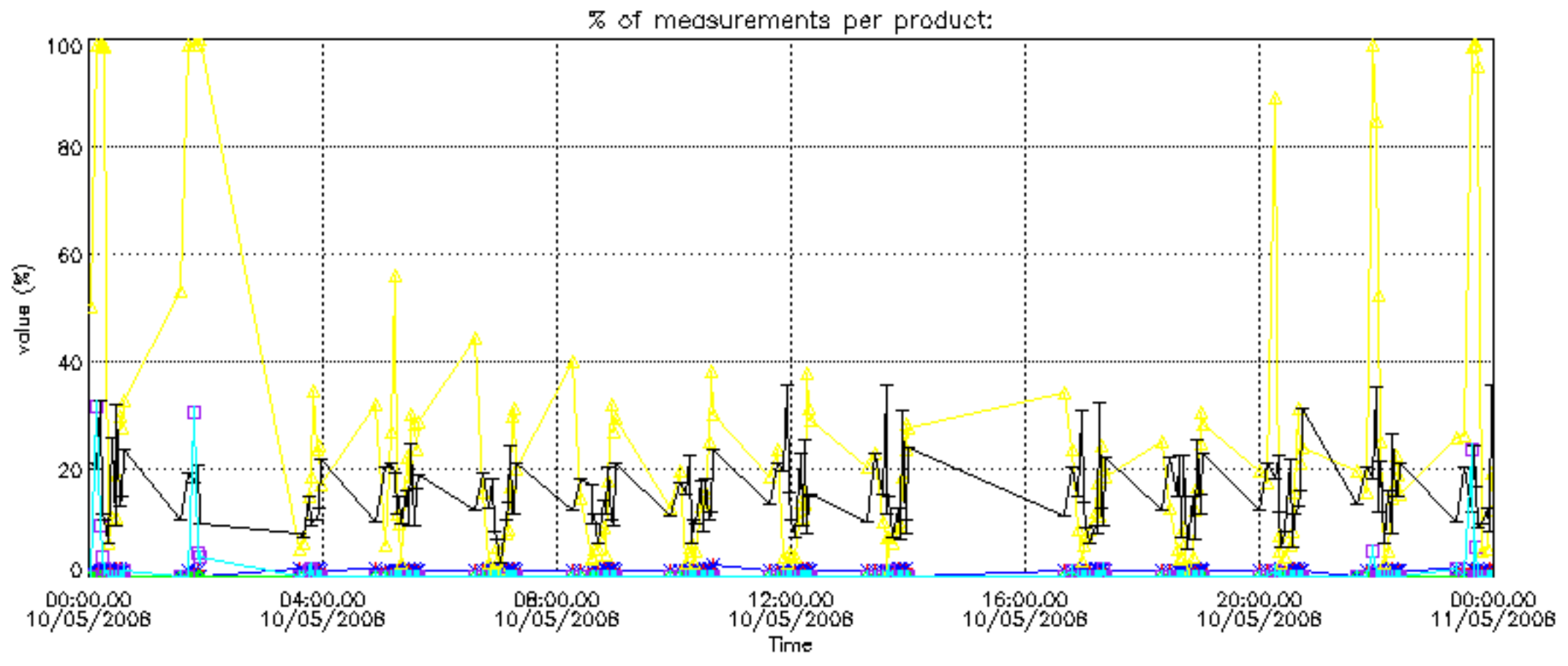


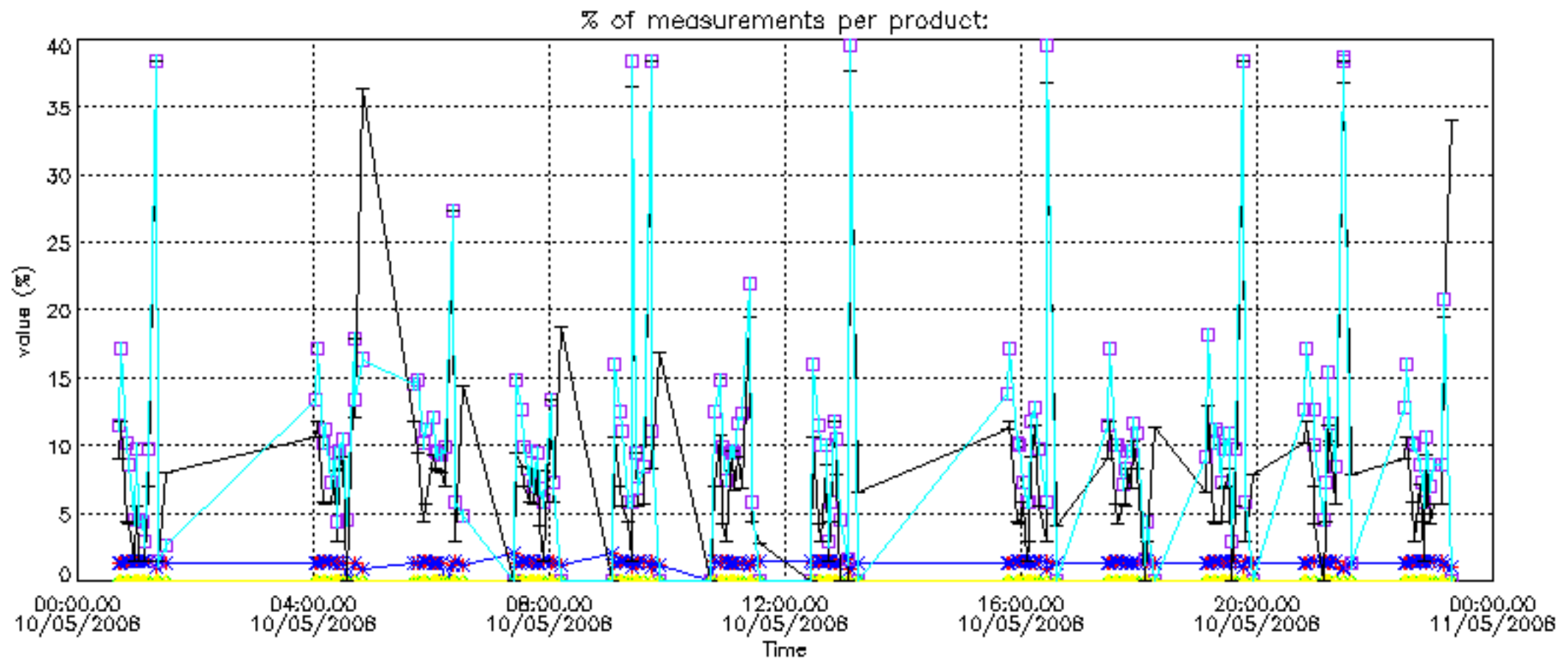
Percentage of flagged data per NO2 profile



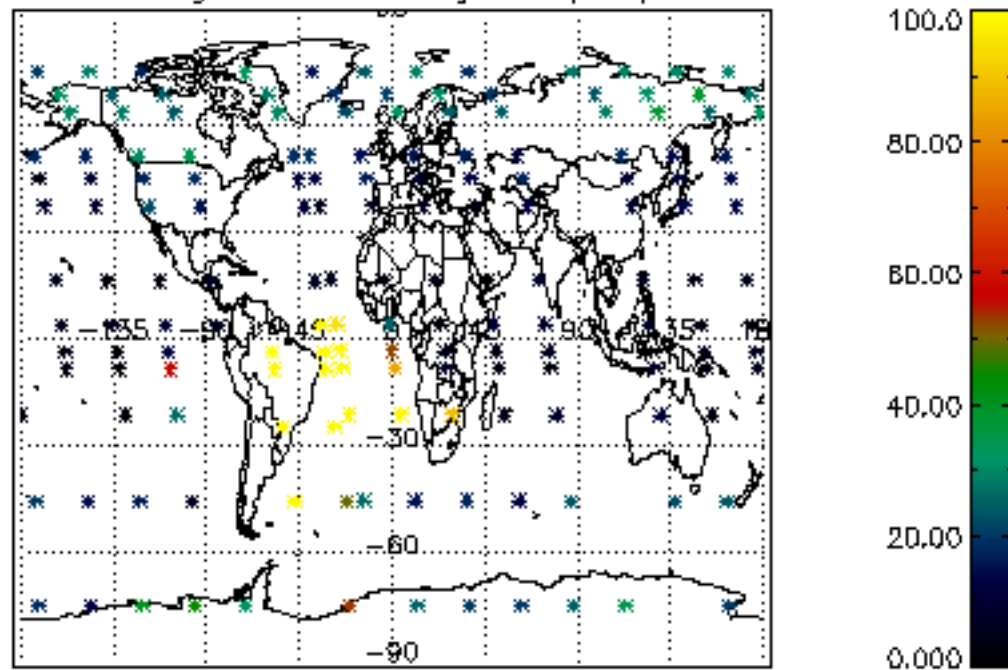
Percentage of flagged data per NO3 profile



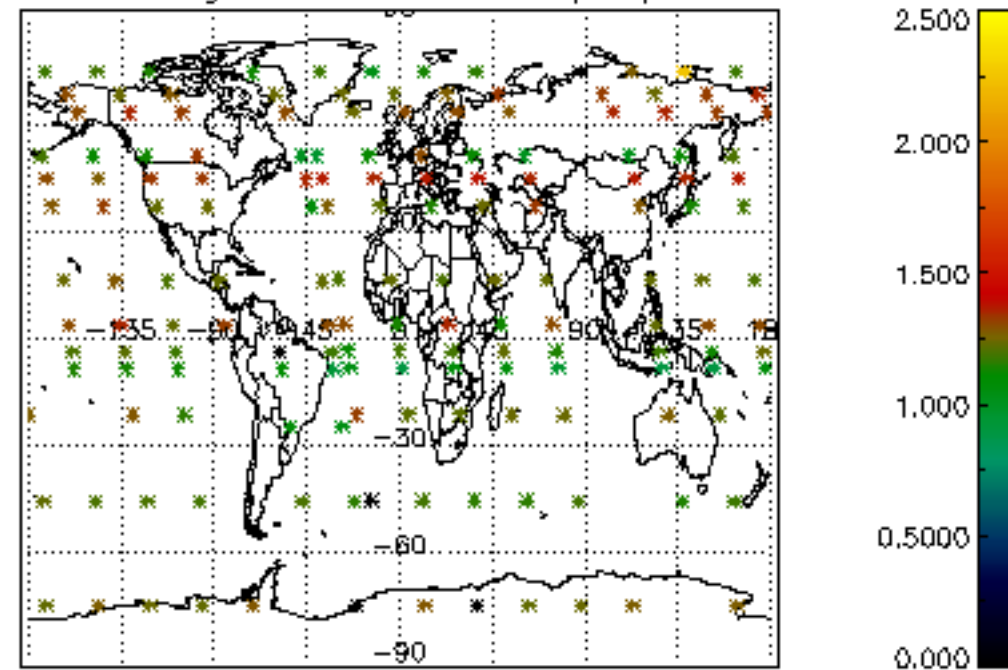




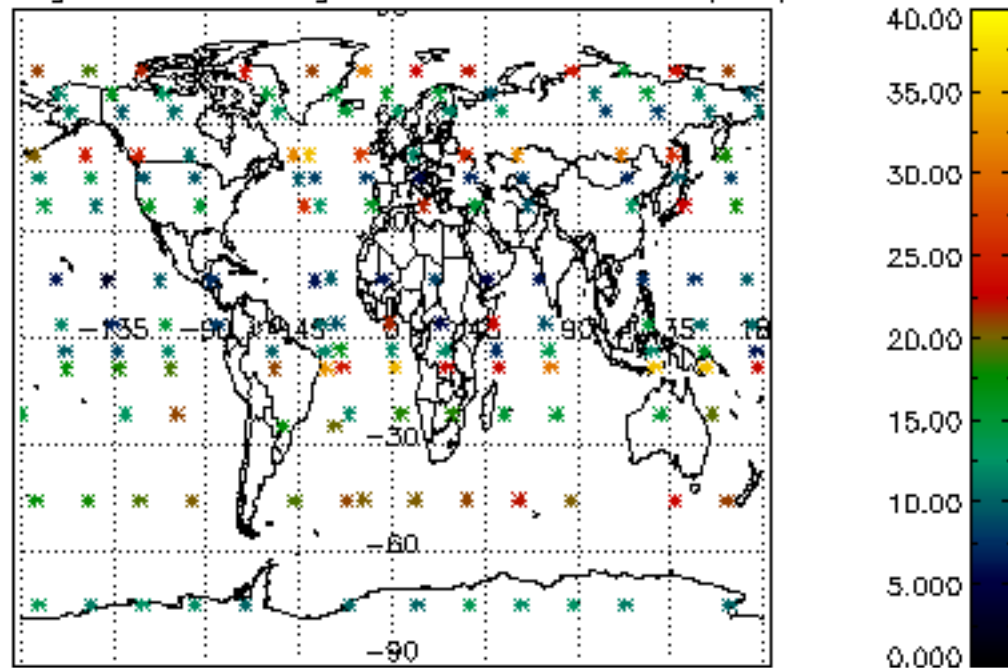
Percentage of cosmic ray hits per profile



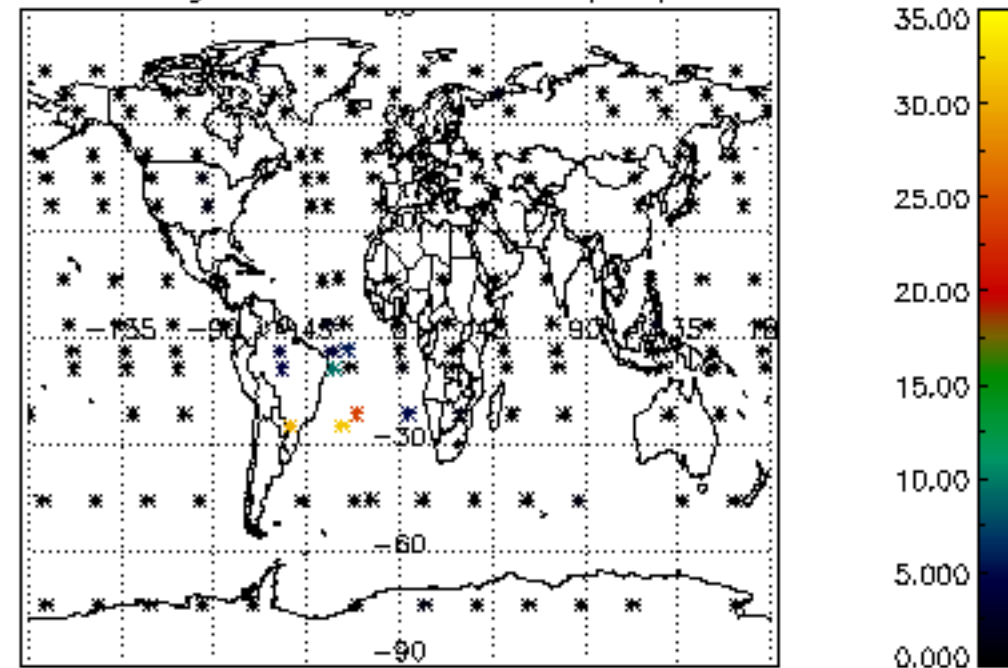
Percentage of datation errors per profile



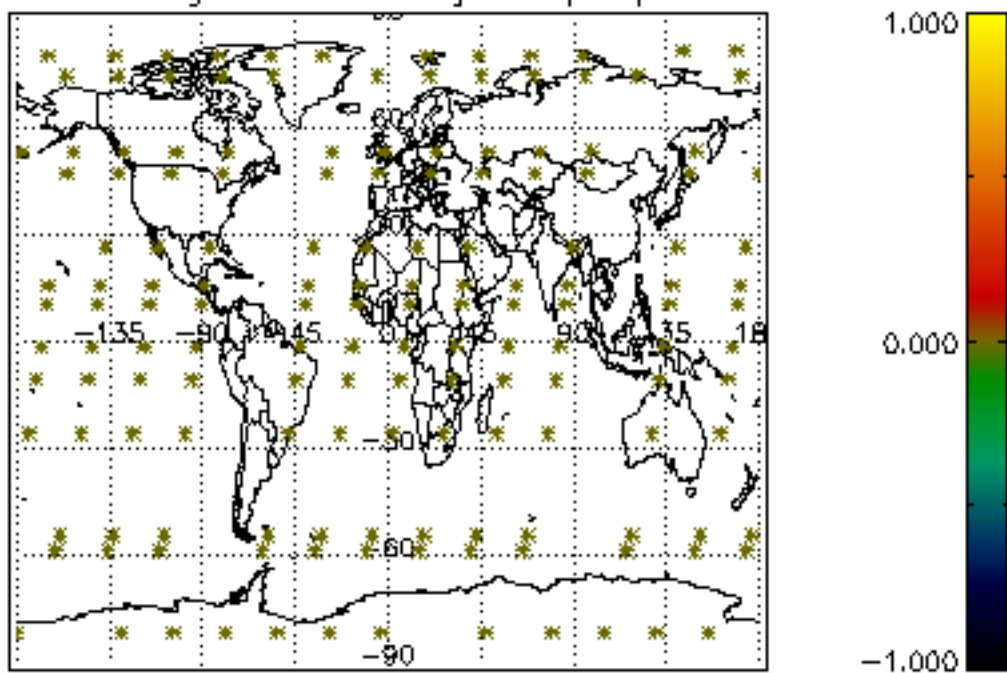
Percentage of star falling outside central band per profile



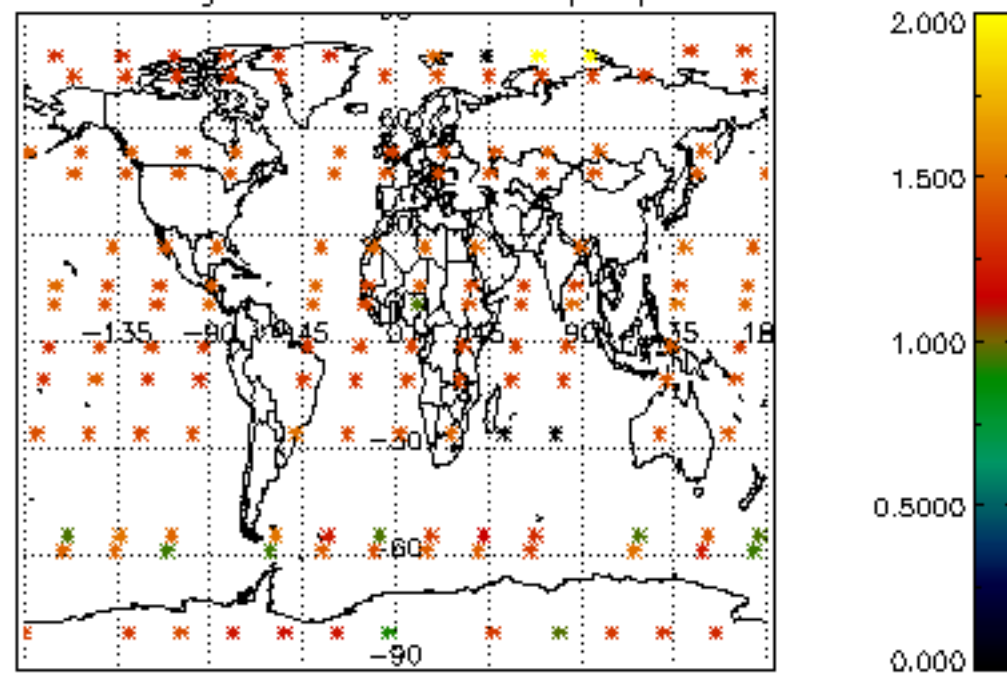
Percentage of saturation errors per profile



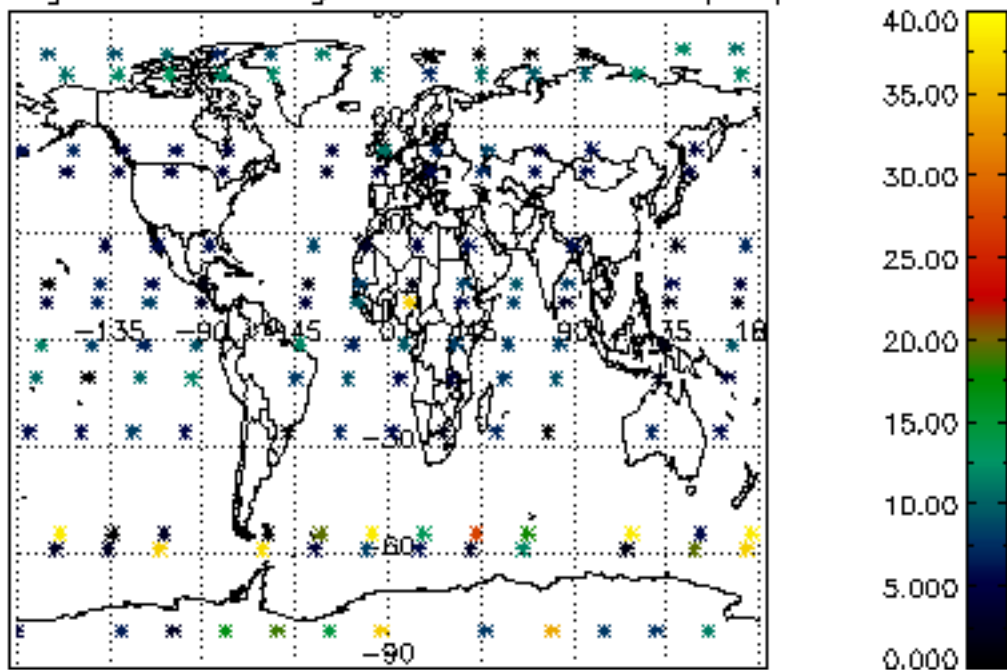
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

