

# 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	29APR2013 13:12:04
Data source version	GOMOS/6.01
Start time of products	19-07-2010 (19JUL2010 00:00:00)
Stop time of products	20-07-2010 (20JUL2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	303
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__2PRFIN20100719_000711_000000402091_00188_43829_3793.N1	19-JUL-2010 00:07:11	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	43829	No
2	GOM_NL__2PRFIN20100719_001415_000000362091_00188_43829_3794.N1	19-JUL-2010 00:14:15	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	43829	No
3	GOM_NL__2PRFIN20100719_001716_000000412091_00188_43829_3795.N1	19-JUL-2010 00:17:16	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	43829	No
4	GOM_NL__2PRFIN20100719_001924_000000512091_00188_43829_3796.N1	19-JUL-2010 00:19:24	Bright	50.500	19	50Alp Cyg	1.2460	10500.	101	43829	No
5	GOM_NL__2PRFIN20100719_002424_000000412091_00188_43829_3797.N1	19-JUL-2010 00:24:24	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	43829	No
6	GOM_NL__2PRFIN20100719_003315_000000492091_00188_43829_3798.N1	19-JUL-2010 00:33:15	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	43829	No
7	GOM_NL__2PRFIN20100719_003831_000000482091_00188_43829_3799.N1	19-JUL-2010 00:38:31	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	43829	No
8	GOM_NL__2PRFIN20100719_003955_000000442091_00188_43829_3800.N1	19-JUL-2010 00:39:55	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	43829	No
9	GOM_NL__2PRFIN20100719_004254_000000522091_00188_43829_3801.N1	19-JUL-2010 00:42:54	Bright	51.500	79	26Bet Per	2.3100	13100.	103	43829	No
10	GOM_NL__2PRFIN20100719_004554_000000472091_00188_43829_3802.N1	19-JUL-2010 00:45:54	Twilight	46.500	150	44Zet Per	2.8900	28000.	93	43829	No
11	GOM_NL__2PRFIN20100719_004833_000000462091_00188_43829_3803.N1	19-JUL-2010 00:48:33	Twilight	45.500	146	25Eta Tau	2.8730	15200.	91	43829	No
12	GOM_NL__2PRFIN20100719_005008_000000502091_00188_43829_3804.N1	19-JUL-2010 00:50:08	Twilight	50.000	13	87Alp Tau	0.86700	3800.0	100	43829	No
13	GOM_NL__2PRFIN20100719_005652_000000662091_00188_43829_3805.N1	19-JUL-2010 00:56:52	Dark	66.000	94	92Alp Cet	2.5260	3100.0	132	43829	No
14	GOM_NL__2PRFIN20100719_005945_000000512091_00188_43829_3806.N1	19-JUL-2010 00:59:45	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	43829	No
15	GOM_NL__2PRFIN20100719_011456_000000432091_00189_43830_3811.N1	19-JUL-2010 01:14:56	Dark	42.500	9	Alp Eri	0.45300	24000.	85	43830	No
16	GOM_NL__2PRFIN20100719_011815_000000582091_00189_43830_3812.N1	19-JUL-2010 01:18:15	Dark	58.000	84	Alp Phe	2.3970	4500.0	116	43830	No
17	GOM_NL__2PRFIN20100719_012223_000000412091_00189_43830_3813.N1	19-JUL-2010 01:22:23	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43830	No
18	GOM_NL__2PRFIN20100719_012349_000000662091_00189_43830_3814.N1	19-JUL-2010 01:23:49	Straylight	66.000	63	Bet Gru	2.1500	2800.0	132	43830	No
19	GOM_NL__2PRFIN20100719_012521_000000502091_00189_43830_3815.N1	19-JUL-2010 01:25:21	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	43830	No
20	GOM_NL__2PRFIN20100719_012834_000000512091_00189_43830_3816.N1	19-JUL-2010 01:28:34	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	43830	No
21	GOM_NL__2PRFIN20100719_013720_000000402091_00189_43830_3817.N1	19-JUL-2010 01:37:20	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	43830	No
22	GOM_NL__2PRFIN20100719_014747_000000392091_00189_43830_3818.N1	19-JUL-2010 01:47:47	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	43830	No
23	GOM_NL__2PRFIN20100719_015450_000000402091_00189_43830_3819.N1	19-JUL-2010 01:54:50	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	43830	No
24	GOM_NL__2PRFIN20100719_015752_000000402091_00189_43830_3820.N1	19-JUL-2010 01:57:52	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	43830	No
25	GOM_NL__2PRFIN20100719_015959_000000462091_00189_43830_3821.N1	19-JUL-2010 01:59:59	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	43830	No
26	GOM_NL__2PRFIN20100719_020500_000000452091_00189_43830_3822.N1	19-JUL-2010 02:05:00	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43830	No
27	GOM_NL__2PRFIN20100719_021351_000000482091_00189_43830_3823.N1	19-JUL-2010 02:13:51	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	43830	No
28	GOM_NL__2PRFIN20100719_021907_000000452091_00189_43830_3824.N1	19-JUL-2010 02:19:07	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	43830	No
29	GOM_NL__2PRFIN20100719_022030_000000442091_00189_43830_3825.N1	19-JUL-2010 02:20:30	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	43830	No
30	GOM_NL__2PRFIN20100719_022330_000000502091_00189_43830_3826.N1	19-JUL-2010 02:23:30	Bright	49.500	79	26Bet Per	2.3100	13100.	99	43830	No
31	GOM_NL__2PRFIN20100719_022630_000000472091_00189_43830_3827.N1	19-JUL-2010 02:26:30	Twilight	47.000	150	44Zet Per	2.8900	28000.	94	43830	No
32	GOM_NL__2PRFIN20100719_022909_000000442091_00189_43830_3828.N1	19-JUL-2010 02:29:09	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	43830	No
33	GOM_NL__2PRFIN20100719_023044_000000412091_00189_43830_3829.N1	19-JUL-2010 02:30:44	Twilight	41.000	13	87Alp Tau	0.86700	3800.0	82	43830	No
34	GOM_NL__2PRFIN20100719_023729_000000652091_00189_43830_3830.N1	19-JUL-2010 02:37:29	Dark	64.500	94	92Alp Cet	2.5260	3100.0	129	43830	No
35	GOM_NL__2PRFIN20100719_024021_000000402091_00189_43830_3831.N1	19-JUL-2010 02:40:21	Dark	40.000	165	34Gam Eri	2.9500	3200.0	80	43830	No
36	GOM_NL__2PRFIN20100719_024927_000000412091_00189_43830_3832.N1	19-JUL-2010 02:49:27	Dark	40.500	157	The1Eri	2.9060	9300.0	81	43830	No
37	GOM_NL__2PRFIN20100719_025533_000000432091_00190_43831_3874.N1	19-JUL-2010 02:55:33	Dark	42.500	9	Alp Eri	0.45300	24000.	85	43831	No
38	GOM_NL__2PRFIN20100719_025853_000000542091_00190_43831_3875.N1	19-JUL-2010 02:58:53	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	43831	No
39	GOM_NL__2PRFIN20100719_030259_000000442091_00190_43831_3876.N1	19-JUL-2010 03:02:59	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	43831	No
40	GOM_NL__2PRFIN20100719_030426_000000542091_00190_43831_3877.N1	19-JUL-2010 03:04:26	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	43831	No
41	GOM_NL__2PRFIN20100719_030557_000000502091_00190_43831_3878.N1	19-JUL-2010 03:05:57	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	43831	No
42	GOM_NL__2PRFIN20100719_030911_000000522091_00190_43831_3879.N1	19-JUL-2010 03:09:11	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	43831	No

43	GOM_NL__2PRFIN20100719_031756_000000402091_00190_43831_3880.N1	19-JUL-2010 03:17:56	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	43831	No
44	GOM_NL__2PRFIN20100719_032823_000000392091_00190_43831_3881.N1	19-JUL-2010 03:28:23	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	43831	No
45	GOM_NL__2PRFIN20100719_033526_000000382091_00190_43831_3882.N1	19-JUL-2010 03:35:26	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	43831	No
46	GOM_NL__2PRFIN20100719_033827_000000412091_00190_43831_3883.N1	19-JUL-2010 03:38:27	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	43831	No
47	GOM_NL__2PRFIN20100719_034034_000000432091_00190_43831_3884.N1	19-JUL-2010 03:40:34	Bright	43.000	19	50Alp Cyg	1.2460	10500.	86	43831	No
48	GOM_NL__2PRFIN20100719_034535_000000402091_00190_43831_3885.N1	19-JUL-2010 03:45:35	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	43831	No
49	GOM_NL__2PRFIN20100719_035426_000000492091_00190_43831_3886.N1	19-JUL-2010 03:54:26	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	43831	No
50	GOM_NL__2PRFIN20100719_035942_000000442091_00190_43831_3887.N1	19-JUL-2010 03:59:42	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	43831	No
51	GOM_NL__2PRFIN20100719_040106_000000442091_00190_43831_3888.N1	19-JUL-2010 04:01:06	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	43831	No
52	GOM_NL__2PRFIN20100719_040406_000000492091_00190_43831_3889.N1	19-JUL-2010 04:04:06	Bright	49.000	79	26Bet Per	2.3100	13100.	98	43831	No
53	GOM_NL__2PRFIN20100719_040707_000000472091_00190_43831_3890.N1	19-JUL-2010 04:07:07	Twilight	46.500	150	44Zet Per	2.8900	28000.	93	43831	No
54	GOM_NL__2PRFIN20100719_040945_000000442091_00190_43831_3891.N1	19-JUL-2010 04:09:45	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	43831	No
55	GOM_NL__2PRFIN20100719_041120_000000392091_00190_43831_3892.N1	19-JUL-2010 04:11:20	Twilight	38.500	13	87Alp Tau	0.86700	3800.0	77	43831	No
56	GOM_NL__2PRFIN20100719_041806_000000522091_00190_43831_3893.N1	19-JUL-2010 04:18:06	Dark	52.000	94	92Alp Cet	2.5260	3100.0	104	43831	No
57	GOM_NL__2PRFIN20100719_042058_000000452091_00190_43831_3894.N1	19-JUL-2010 04:20:58	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	43831	No
58	GOM_NL__2PRFIN20100719_043004_000000432091_00190_43831_3895.N1	19-JUL-2010 04:30:04	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43831	No
59	GOM_NL__2PRFIN20100719_043609_000000522091_00191_43832_3886.N1	19-JUL-2010 04:36:09	Dark	52.000	9	Alp Eri	0.45300	24000.	104	43832	No
60	GOM_NL__2PRFIN20100719_043929_000000562091_00191_43832_3887.N1	19-JUL-2010 04:39:29	Dark	56.000	84	Alp Phe	2.3970	4500.0	112	43832	No
61	GOM_NL__2PRFIN20100719_044336_000000432091_00191_43832_3888.N1	19-JUL-2010 04:43:36	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	43832	No
62	GOM_NL__2PRFIN20100719_044502_000000572091_00191_43832_3889.N1	19-JUL-2010 04:45:02	Straylight	57.000	63	Bet Gru	2.1500	2800.0	114	43832	No
63	GOM_NL__2PRFIN20100719_044634_000000472091_00191_43832_3890.N1	19-JUL-2010 04:46:34	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	43832	No
64	GOM_NL__2PRFIN20100719_044947_000000502091_00191_43832_3891.N1	19-JUL-2010 04:49:47	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	43832	No
65	GOM_NL__2PRFIN20100719_045833_000000392091_00191_43832_3892.N1	19-JUL-2010 04:58:33	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	43832	No
66	GOM_NL__2PRFIN20100719_050858_000000402091_00191_43832_3893.N1	19-JUL-2010 05:08:58	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	43832	No
67	GOM_NL__2PRFIN20100719_051602_000000422091_00191_43832_3894.N1	19-JUL-2010 05:16:02	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	43832	No
68	GOM_NL__2PRFIN20100719_051903_000000402091_00191_43832_3895.N1	19-JUL-2010 05:19:03	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	43832	No
69	GOM_NL__2PRFIN20100719_052109_000000502091_00191_43832_3896.N1	19-JUL-2010 05:21:09	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	43832	No
70	GOM_NL__2PRFIN20100719_052610_000000452091_00191_43832_3897.N1	19-JUL-2010 05:26:10	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43832	No
71	GOM_NL__2PRFIN20100719_053501_000000492091_00191_43832_3898.N1	19-JUL-2010 05:35:01	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	43832	No
72	GOM_NL__2PRFIN20100719_054018_000000622091_00191_43832_3899.N1	19-JUL-2010 05:40:18	Bright	62.000	160	23Gam Per	2.9300	4700.0	124	43832	No
73	GOM_NL__2PRFIN20100719_054142_000000442091_00191_43832_3900.N1	19-JUL-2010 05:41:42	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	43832	No
74	GOM_NL__2PRFIN20100719_054441_000000492091_00191_43832_3901.N1	19-JUL-2010 05:44:41	Bright	48.500	79	26Bet Per	2.3100	13100.	97	43832	No
75	GOM_NL__2PRFIN20100719_054743_000000462091_00191_43832_3902.N1	19-JUL-2010 05:47:43	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	43832	No
76	GOM_NL__2PRFIN20100719_055022_000000432091_00191_43832_3903.N1	19-JUL-2010 05:50:22	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	43832	No
77	GOM_NL__2PRFIN20100719_055156_000000392091_00191_43832_3904.N1	19-JUL-2010 05:51:56	Twilight	38.500	13	87Alp Tau	0.86700	3800.0	77	43832	No
78	GOM_NL__2PRFIN20100719_055843_000000612091_00191_43832_3905.N1	19-JUL-2010 05:58:43	Dark	60.500	94	92Alp Cet	2.5260	3100.0	121	43832	No
79	GOM_NL__2PRFIN20100719_060134_000000482091_00191_43832_3906.N1	19-JUL-2010 06:01:34	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	43832	No
80	GOM_NL__2PRFIN20100719_061041_000000442091_00191_43832_3907.N1	19-JUL-2010 06:10:41	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43832	No
81	GOM_NL__2PRFIN20100719_061646_000000532091_00192_43833_3909.N1	19-JUL-2010 06:16:46	Dark	53.000	9	Alp Eri	0.45300	24000.	106	43833	No
82	GOM_NL__2PRFIN20100719_062007_000000512091_00192_43833_3910.N1	19-JUL-2010 06:20:07	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	43833	No
83	GOM_NL__2PRFIN20100719_062412_000000412091_00192_43833_3911.N1	19-JUL-2010 06:24:12	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43833	No
84	GOM_NL__2PRFIN20100719_062540_000000562091_00192_43833_3912.N1	19-JUL-2010 06:25:40	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	43833	No
85	GOM_NL__2PRFIN20100719_062711_000000462091_00192_43833_3913.N1	19-JUL-2010 06:27:11	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	43833	No
86	GOM_NL__2PRFIN20100719_063024_000000502091_00192_43833_3914.N1	19-JUL-2010 06:30:24	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	43833	No
87	GOM_NL__2PRFIN20100719_063909_000000392091_00192_43833_3915.N1	19-JUL-2010 06:39:09	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	43833	No
88	GOM_NL__2PRFIN20100719_064934_000000382091_00192_43833_3916.N1	19-JUL-2010 06:49:34	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	43833	No
89	GOM_NL__2PRFIN20100719_065638_000000412091_00192_43833_3917.N1	19-JUL-2010 06:56:38	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	43833	No
90	GOM_NL__2PRFIN20100719_065938_000000422091_00192_43833_3918.N1	19-JUL-2010 06:59:38	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	43833	No
91	GOM_NL__2PRFIN20100719_070144_000000482091_00192_43833_3919.N1	19-JUL-2010 07:01:44	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	43833	No
92	GOM_NL__2PRFIN20100719_070646_000000422091_00192_43833_3920.N1	19-JUL-2010 07:06:46	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	43833	No
93	GOM_NL__2PRFIN20100719_071537_000000492091_00192_43833_3921.N1	19-JUL-2010 07:15:37	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	43833	No
94	GOM_NL__2PRFIN20100719_072054_000000572091_00192_43833_3922.N1	19-JUL-2010 07:20:54	Bright	56.500	160	23Gam Per	2.9300	4700.0	113	43833	No
95	GOM_NL__2PRFIN20100719_072218_000000522091_00192_43833_3923.N1	19-JUL-2010 07:22:18	Bright	51.500	35	33Alp Per	1.7950	6250.0	103	43833	No
96	GOM_NL__2PRFIN20100719_072518_000000512091_00192_43833_3924.N1	19-JUL-2010 07:25:18	Bright	50.500	79	26Bet Per	2.3100	13100.	101	43833	No
97	GOM_NL__2PRFIN20100719_072819_000000452091_00192_43833_3925.N1	19-JUL-2010 07:28:19	Twilight	44.500	150	44Zet Per	2.8900	28000.	89	43833	No
98	GOM_NL__2PRFIN20100719_073058_000000432091_00192_43833_3926.N1	19-JUL-2010 07:30:58	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	43833	No
99	GOM_NL__2PRFIN20100719_073233_000000382091_00192_43833_3927.N1	19-JUL-2010 07:32:33	Twilight	37.500	13	87Alp Tau	0.86700	3800.0	75	43833	No
100	GOM_NL__2PRFIN20100719_073920_000000652091_00192_43833_3928.N1	19-JUL-2010 07:39:20	Dark	65.000	94	92Alp Cet	2.5260	3100.0	130	43833	No
101	GOM_NL__2PRFIN20100719_074211_000000492091_00192_43833_3929.N1	19-JUL-2010 07:42:11	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	43833	No

102	GOM_NL__2PRFIN20100719_075118_000000432091_00192_43833_3930.N1	19-JUL-2010 07:51:18	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43833	No
103	GOM_NL__2PRFIN20100719_075723_000000552091_00193_43834_3943.N1	19-JUL-2010 07:57:23	Dark	54.500	9	Alp Eri	0.45300	24000.	109	43834	No
104	GOM_NL__2PRFIN20100719_080044_000000572091_00193_43834_3944.N1	19-JUL-2010 08:00:44	Dark	57.000	84	Alp Phe	2.3970	4500.0	114	43834	No
105	GOM_NL__2PRFIN20100719_080449_000000422091_00193_43834_3945.N1	19-JUL-2010 08:04:49	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	43834	No
106	GOM_NL__2PRFIN20100719_080617_000000652091_00193_43834_3946.N1	19-JUL-2010 08:06:17	Straylight	64.500	63	Bet Gru	2.1500	2800.0	129	43834	No
107	GOM_NL__2PRFIN20100719_080747_000000562091_00193_43834_3947.N1	19-JUL-2010 08:07:47	Straylight	55.500	31	Alp Gru	1.7340	15200.	111	43834	No
108	GOM_NL__2PRFIN20100719_081100_000000512091_00193_43834_3948.N1	19-JUL-2010 08:11:00	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	43834	No
109	GOM_NL__2PRFIN20100719_081945_000000392091_00193_43834_3949.N1	19-JUL-2010 08:19:45	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	43834	No
110	GOM_NL__2PRFIN20100719_083010_000000382091_00193_43834_3950.N1	19-JUL-2010 08:30:10	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	43834	No
111	GOM_NL__2PRFIN20100719_083714_000000362091_00193_43834_3951.N1	19-JUL-2010 08:37:14	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	43834	No
112	GOM_NL__2PRFIN20100719_084014_000000412091_00193_43834_3952.N1	19-JUL-2010 08:40:14	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	43834	No
113	GOM_NL__2PRFIN20100719_084219_000000492091_00193_43834_3953.N1	19-JUL-2010 08:42:19	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	43834	No
114	GOM_NL__2PRFIN20100719_084721_000000422091_00193_43834_3954.N1	19-JUL-2010 08:47:21	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	43834	No
115	GOM_NL__2PRFIN20100719_085612_000000502091_00193_43834_3955.N1	19-JUL-2010 08:56:12	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	43834	No
116	GOM_NL__2PRFIN20100719_090130_000000622091_00193_43834_3956.N1	19-JUL-2010 09:01:30	Bright	62.000	160	23Gam Per	2.9300	4700.0	124	43834	No
117	GOM_NL__2PRFIN20100719_090254_000000452091_00193_43834_3957.N1	19-JUL-2010 09:02:54	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	43834	No
118	GOM_NL__2PRFIN20100719_090553_000000502091_00193_43834_3958.N1	19-JUL-2010 09:05:53	Bright	49.500	79	26Bet Per	2.3100	13100.	99	43834	No
119	GOM_NL__2PRFIN20100719_090855_000000412091_00193_43834_3959.N1	19-JUL-2010 09:08:55	Twi_and_stray	41.000	150	44Zet Per	2.8900	28000.	82	43834	No
120	GOM_NL__2PRFIN20100719_091134_000000412091_00193_43834_3960.N1	19-JUL-2010 09:11:34	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	43834	No
121	GOM_NL__2PRFIN20100719_091309_000000482091_00193_43834_3961.N1	19-JUL-2010 09:13:09	Twilight	47.500	13	87Alp Tau	0.86700	3800.0	95	43834	No
122	GOM_NL__2PRFIN20100719_091957_000000742091_00193_43834_3962.N1	19-JUL-2010 09:19:57	Dark	74.000	94	92Alp Cet	2.5260	3100.0	148	43834	No
123	GOM_NL__2PRFIN20100719_092248_000000472091_00193_43834_3963.N1	19-JUL-2010 09:22:48	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	43834	No
124	GOM_NL__2PRFIN20100719_093154_000000432091_00193_43834_3964.N1	19-JUL-2010 09:31:54	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43834	No
125	GOM_NL__2PRFIN20100719_093759_000000472091_00194_43835_3967.N1	19-JUL-2010 09:37:59	Dark	46.500	9	Alp Eri	0.45300	24000.	93	43835	No
126	GOM_NL__2PRFIN20100719_094121_000000552091_00194_43835_3968.N1	19-JUL-2010 09:41:21	Dark	55.000	84	Alp Phe	2.3970	4500.0	110	43835	No
127	GOM_NL__2PRFIN20100719_094525_000000442091_00194_43835_3969.N1	19-JUL-2010 09:45:25	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	43835	No
128	GOM_NL__2PRFIN20100719_094653_000000612091_00194_43835_3970.N1	19-JUL-2010 09:46:53	Straylight	60.500	63	Bet Gru	2.1500	2800.0	121	43835	No
129	GOM_NL__2PRFIN20100719_094824_000000502091_00194_43835_3971.N1	19-JUL-2010 09:48:24	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	43835	No
130	GOM_NL__2PRFIN20100719_095137_000000522091_00194_43835_3972.N1	19-JUL-2010 09:51:37	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	43835	No
131	GOM_NL__2PRFIN20100719_100021_000000392091_00194_43835_3973.N1	19-JUL-2010 10:00:21	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	43835	No
132	GOM_NL__2PRFIN20100719_101046_000000392091_00194_43835_3974.N1	19-JUL-2010 10:10:46	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	43835	No
133	GOM_NL__2PRFIN20100719_101750_000000412091_00194_43835_3975.N1	19-JUL-2010 10:17:50	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	43835	No
134	GOM_NL__2PRFIN20100719_102049_000000422091_00194_43835_3976.N1	19-JUL-2010 10:20:49	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	43835	No
135	GOM_NL__2PRFIN20100719_102255_000000502091_00194_43835_3977.N1	19-JUL-2010 10:22:55	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	43835	No
136	GOM_NL__2PRFIN20100719_102757_000000422091_00194_43835_3978.N1	19-JUL-2010 10:27:57	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43835	No
137	GOM_NL__2PRFIN20100719_103647_000000492091_00194_43835_3979.N1	19-JUL-2010 10:36:47	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	43835	No
138	GOM_NL__2PRFIN20100719_104205_000000572091_00194_43835_3980.N1	19-JUL-2010 10:42:05	Bright	57.000	160	23Gam Per	2.9300	4700.0	114	43835	No
139	GOM_NL__2PRFIN20100719_104330_000000492091_00194_43835_3981.N1	19-JUL-2010 10:43:30	Bright	49.000	35	33Alp Per	1.7950	6250.0	98	43835	No
140	GOM_NL__2PRFIN20100719_104629_000000502091_00194_43835_3982.N1	19-JUL-2010 10:46:29	Bright	50.000	79	26Bet Per	2.3100	13100.	100	43835	No
141	GOM_NL__2PRFIN20100719_104931_000000462091_00194_43835_3983.N1	19-JUL-2010 10:49:31	Twi_and_stray	46.000	150	44Zet Per	2.8900	28000.	92	43835	No
142	GOM_NL__2PRFIN20100719_105211_000000472091_00194_43835_3984.N1	19-JUL-2010 10:52:11	Twilight	47.000	146	25Eta Tau	2.8730	15200.	94	43835	No
143	GOM_NL__2PRFIN20100719_105345_000000512091_00194_43835_3985.N1	19-JUL-2010 10:53:45	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	43835	No
144	GOM_NL__2PRFIN20100719_110034_000000662091_00194_43835_3986.N1	19-JUL-2010 11:00:34	Dark	65.500	94	92Alp Cet	2.5260	3100.0	131	43835	No
145	GOM_NL__2PRFIN20100719_110324_000000412091_00194_43835_3987.N1	19-JUL-2010 11:03:24	Dark	41.000	165	34Gam Eri	2.9500	3200.0	82	43835	No
146	GOM_NL__2PRFIN20100719_111230_000000422091_00194_43835_3988.N1	19-JUL-2010 11:12:30	Dark	42.000	157	The1Eri	2.9060	9300.0	84	43835	No
147	GOM_NL__2PRFIN20100719_111836_000000422091_00195_43836_4046.N1	19-JUL-2010 11:18:36	Dark	41.500	9	Alp Eri	0.45300	24000.	83	43836	No
148	GOM_NL__2PRFIN20100719_112158_000000522091_00195_43836_4047.N1	19-JUL-2010 11:21:58	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	43836	No
149	GOM_NL__2PRFIN20100719_112602_000000462091_00195_43836_4048.N1	19-JUL-2010 11:26:02	Straylight	45.500	148	Alp Tuc	2.8780	4100.0	91	43836	No
150	GOM_NL__2PRFIN20100719_112729_000000612091_00195_43836_4049.N1	19-JUL-2010 11:27:29	Straylight	61.000	63	Bet Gru	2.1500	2800.0	122	43836	No
151	GOM_NL__2PRFIN20100719_112901_000000482091_00195_43836_4050.N1	19-JUL-2010 11:29:01	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	43836	No
152	GOM_NL__2PRFIN20100719_113214_000000502091_00195_43836_4051.N1	19-JUL-2010 11:32:14	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	43836	No
153	GOM_NL__2PRFIN20100719_115122_000000392091_00195_43836_4052.N1	19-JUL-2010 11:51:22	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	43836	No
154	GOM_NL__2PRFIN20100719_115825_000000402091_00195_43836_4053.N1	19-JUL-2010 11:58:25	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	43836	No
155	GOM_NL__2PRFIN20100719_120125_000000422091_00195_43836_4054.N1	19-JUL-2010 12:01:25	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	43836	No
156	GOM_NL__2PRFIN20100719_120330_000000492091_00195_43836_4055.N1	19-JUL-2010 12:03:30	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	43836	No
157	GOM_NL__2PRFIN20100719_120832_000000422091_00195_43836_4056.N1	19-JUL-2010 12:08:32	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43836	No
158	GOM_NL__2PRFIN20100719_121723_000000492091_00195_43836_4057.N1	19-JUL-2010 12:17:23	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	43836	No
159	GOM_NL__2PRFIN20100719_122241_000000422091_00195_43836_4058.N1	19-JUL-2010 12:22:41	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	43836	No
160	GOM_NL__2PRFIN20100719_122405_000000442091_00195_43836_4059.N1	19-JUL-2010 12:24:05	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	43836	No



161	GOM_NL__2PRFIN20100719_122705_000000512091_00195_43836_4060.N1	19-JUL-2010 12:27:05	Bright	51.000	79	26Bet Per	2.3100	13100.	102	43836	No
162	GOM_NL__2PRFIN20100719_123006_000000462091_00195_43836_4061.N1	19-JUL-2010 12:30:06	Twi_and_stray	46.000	150	44Zet Per	2.8900	28000.	92	43836	No
163	GOM_NL__2PRFIN20100719_123247_000000462091_00195_43836_4062.N1	19-JUL-2010 12:32:47	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	43836	No
164	GOM_NL__2PRFIN20100719_123421_000000472091_00195_43836_4063.N1	19-JUL-2010 12:34:21	Twilight	46.500	13	87Alp Tau	0.86700	3800.0	93	43836	No
165	GOM_NL__2PRFIN20100719_124110_000000632091_00195_43836_4064.N1	19-JUL-2010 12:41:10	Dark	63.000	94	92Alp Cet	2.5260	3100.0	126	43836	No
166	GOM_NL__2PRFIN20100719_124401_000000482091_00195_43836_4065.N1	19-JUL-2010 12:44:01	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	43836	No
167	GOM_NL__2PRFIN20100719_125308_000000432091_00195_43836_4066.N1	19-JUL-2010 12:53:08	Dark	42.500	157	The1Eri	2.9060	9300.0	85	43836	No
168	GOM_NL__2PRFIN20100719_125912_000000442091_00196_43837_4087.N1	19-JUL-2010 12:59:12	Dark	43.500	9	Alp Eri	0.45300	24000.	87	43837	No
169	GOM_NL__2PRFIN20100719_130235_000000542091_00196_43837_4088.N1	19-JUL-2010 13:02:35	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	43837	No
170	GOM_NL__2PRFIN20100719_130638_000000402091_00196_43837_4089.N1	19-JUL-2010 13:06:38	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	43837	No
171	GOM_NL__2PRFIN20100719_130806_000000562091_00196_43837_4090.N1	19-JUL-2010 13:08:06	Straylight	55.500	63	Bet Gru	2.1500	2800.0	111	43837	No
172	GOM_NL__2PRFIN20100719_130937_000000492091_00196_43837_4091.N1	19-JUL-2010 13:09:37	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43837	No
173	GOM_NL__2PRFIN20100719_131250_000000512091_00196_43837_4092.N1	19-JUL-2010 13:12:50	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	43837	No
174	GOM_NL__2PRFIN20100719_133158_000000392091_00196_43837_4093.N1	19-JUL-2010 13:31:58	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	43837	No
175	GOM_NL__2PRFIN20100719_133901_000000402091_00196_43837_4094.N1	19-JUL-2010 13:39:01	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	43837	No
176	GOM_NL__2PRFIN20100719_134200_000000432091_00196_43837_4095.N1	19-JUL-2010 13:42:00	Bright	43.000	144	18Del Cyg	2.8600	11000.	86	43837	No
177	GOM_NL__2PRFIN20100719_134405_000000512091_00196_43837_4096.N1	19-JUL-2010 13:44:05	Bright	50.500	19	50Alp Cyg	1.2460	10500.	101	43837	No
178	GOM_NL__2PRFIN20100719_134907_000000442091_00196_43837_4097.N1	19-JUL-2010 13:49:07	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43837	No
179	GOM_NL__2PRFIN20100719_140317_000000442091_00196_43837_4098.N1	19-JUL-2010 14:03:17	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	43837	No
180	GOM_NL__2PRFIN20100719_140441_000000452091_00196_43837_4099.N1	19-JUL-2010 14:04:41	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	43837	No
181	GOM_NL__2PRFIN20100719_140741_000000522091_00196_43837_4100.N1	19-JUL-2010 14:07:41	Bright	51.500	79	26Bet Per	2.3100	13100.	103	43837	No
182	GOM_NL__2PRFIN20100719_141043_000000472091_00196_43837_4101.N1	19-JUL-2010 14:10:43	Twi_and_stray	46.500	150	44Zet Per	2.8900	28000.	93	43837	No
183	GOM_NL__2PRFIN20100719_141323_000000482091_00196_43837_4102.N1	19-JUL-2010 14:13:23	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	43837	No
184	GOM_NL__2PRFIN20100719_141457_000000552091_00196_43837_4103.N1	19-JUL-2010 14:14:57	Twilight	55.000	13	87Alp Tau	0.86700	3800.0	110	43837	No
185	GOM_NL__2PRFIN20100719_142147_000000612091_00196_43837_4104.N1	19-JUL-2010 14:21:47	Dark	61.000	94	92Alp Cet	2.5260	3100.0	122	43837	No
186	GOM_NL__2PRFIN20100719_142437_000000522091_00196_43837_4105.N1	19-JUL-2010 14:24:37	Dark	51.500	165	34Gam Eri	2.9500	3200.0	103	43837	No
187	GOM_NL__2PRFIN20100719_143344_000000412091_00196_43837_4106.N1	19-JUL-2010 14:33:44	Dark	41.000	157	The1Eri	2.9060	9300.0	82	43837	No
188	GOM_NL__2PRFIN20100719_143949_000000442091_00197_43838_4118.N1	19-JUL-2010 14:39:49	Dark	43.500	9	Alp Eri	0.45300	24000.	87	43838	No
189	GOM_NL__2PRFIN20100719_144312_000000532091_00197_43838_4119.N1	19-JUL-2010 14:43:12	Dark	52.500	84	Alp Phe	2.3970	4500.0	105	43838	No
190	GOM_NL__2PRFIN20100719_144714_000000422091_00197_43838_4120.N1	19-JUL-2010 14:47:14	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	43838	No
191	GOM_NL__2PRFIN20100719_144843_000000572091_00197_43838_4121.N1	19-JUL-2010 14:48:43	Straylight	57.000	63	Bet Gru	2.1500	2800.0	114	43838	No
192	GOM_NL__2PRFIN20100719_145014_000000502091_00197_43838_4122.N1	19-JUL-2010 14:50:14	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	43838	No
193	GOM_NL__2PRFIN20100719_145327_000000502091_00197_43838_4123.N1	19-JUL-2010 14:53:27	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	43838	No
194	GOM_NL__2PRFIN20100719_151233_000000382091_00197_43838_4124.N1	19-JUL-2010 15:12:33	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	43838	No
195	GOM_NL__2PRFIN20100719_151937_000000422091_00197_43838_4125.N1	19-JUL-2010 15:19:37	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	43838	No
196	GOM_NL__2PRFIN20100719_152236_000000422091_00197_43838_4126.N1	19-JUL-2010 15:22:36	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	43838	No
197	GOM_NL__2PRFIN20100719_152440_000000502091_00197_43838_4127.N1	19-JUL-2010 15:24:40	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	43838	No
198	GOM_NL__2PRFIN20100719_152943_000000402091_00197_43838_4128.N1	19-JUL-2010 15:29:43	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	43838	No
199	GOM_NL__2PRFIN20100719_153833_000000482091_00197_43838_4129.N1	19-JUL-2010 15:38:33	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43838	No
200	GOM_NL__2PRFIN20100719_154353_000000432091_00197_43838_4130.N1	19-JUL-2010 15:43:53	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	43838	No
201	GOM_NL__2PRFIN20100719_154517_000000442091_00197_43838_4131.N1	19-JUL-2010 15:45:17	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	43838	No
202	GOM_NL__2PRFIN20100719_154817_000000502091_00197_43838_4132.N1	19-JUL-2010 15:48:17	Bright	49.500	79	26Bet Per	2.3100	13100.	99	43838	No
203	GOM_NL__2PRFIN20100719_155119_000000452091_00197_43838_4133.N1	19-JUL-2010 15:51:19	Twi_and_stray	45.000	150	44Zet Per	2.8900	28000.	90	43838	No
204	GOM_NL__2PRFIN20100719_155359_000000472091_00197_43838_4134.N1	19-JUL-2010 15:53:59	Twilight	47.000	146	25Eta Tau	2.8730	15200.	94	43838	No
205	GOM_NL__2PRFIN20100719_155534_000000552091_00197_43838_4135.N1	19-JUL-2010 15:55:34	Twilight	54.500	13	87Alp Tau	0.86700	3800.0	109	43838	No
206	GOM_NL__2PRFIN20100719_160224_000000642091_00197_43838_4136.N1	19-JUL-2010 16:02:24	Dark	63.500	94	92Alp Cet	2.5260	3100.0	127	43838	No
207	GOM_NL__2PRFIN20100719_160514_000000472091_00197_43838_4137.N1	19-JUL-2010 16:05:14	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	43838	No
208	GOM_NL__2PRFIN20100719_161420_000000432091_00197_43838_4138.N1	19-JUL-2010 16:14:20	Dark	42.500	157	The1Eri	2.9060	9300.0	85	43838	No
209	GOM_NL__2PRFIN20100719_162025_000000442091_00198_43839_4147.N1	19-JUL-2010 16:20:25	Dark	43.500	9	Alp Eri	0.45300	24000.	87	43839	No
210	GOM_NL__2PRFIN20100719_162349_000000552091_00198_43839_4148.N1	19-JUL-2010 16:23:49	Dark	55.000	84	Alp Phe	2.3970	4500.0	110	43839	No
211	GOM_NL__2PRFIN20100719_162751_000000422091_00198_43839_4149.N1	19-JUL-2010 16:27:51	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	43839	No
212	GOM_NL__2PRFIN20100719_162920_000000512091_00198_43839_4150.N1	19-JUL-2010 16:29:20	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	43839	No
213	GOM_NL__2PRFIN20100719_163050_000000462091_00198_43839_4151.N1	19-JUL-2010 16:30:50	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	43839	No
214	GOM_NL__2PRFIN20100719_163404_000000492091_00198_43839_4152.N1	19-JUL-2010 16:34:04	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	43839	No
215	GOM_NL__2PRFIN20100719_165309_000000392091_00198_43839_4153.N1	19-JUL-2010 16:53:09	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	43839	No
216	GOM_NL__2PRFIN20100719_170013_000000412091_00198_43839_4154.N1	19-JUL-2010 17:00:13	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	43839	No
217	GOM_NL__2PRFIN20100719_170311_000000422091_00198_43839_4155.N1	19-JUL-2010 17:03:11	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	43839	No
218	GOM_NL__2PRFIN20100719_170515_000000492091_00198_43839_4156.N1	19-JUL-2010 17:05:15	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	43839	No
219	GOM_NL__2PRFIN20100719_171018_000000432091_00198_43839_4157.N1	19-JUL-2010 17:10:18	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43839	No

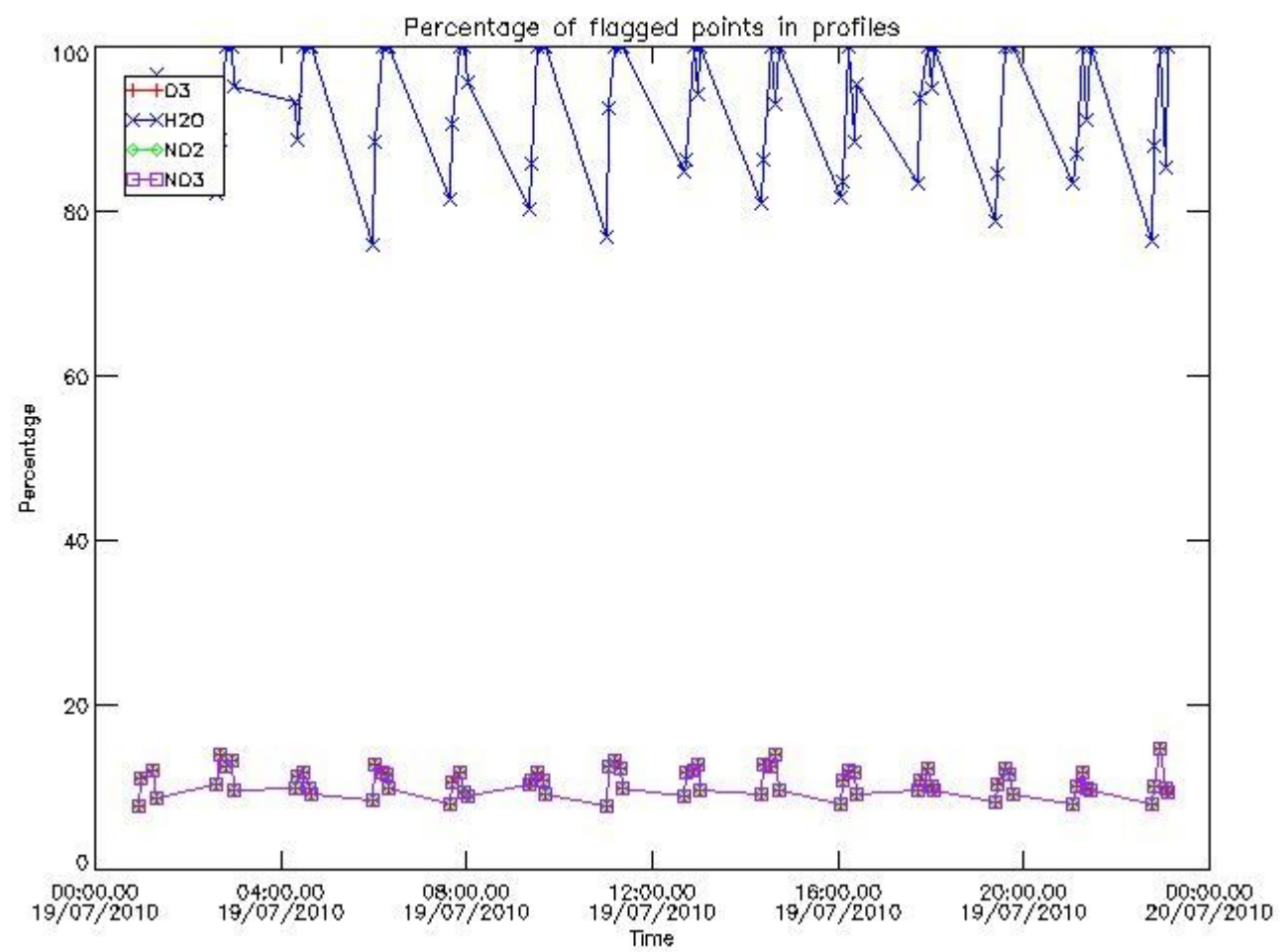
220	GOM_NL__2PRFIN20100719_171909_000000492091_00198_43839_4158.N1	19-JUL-2010 17:19:09	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	43839	No
221	GOM_NL__2PRFIN20100719_172428_000000602091_00198_43839_4159.N1	19-JUL-2010 17:24:28	Bright	59.500	160	23Gam Per	2.9300	4700.0	119	43839	No
222	GOM_NL__2PRFIN20100719_172553_000000452091_00198_43839_4160.N1	19-JUL-2010 17:25:53	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	43839	No
223	GOM_NL__2PRFIN20100719_172853_000000542091_00198_43839_4161.N1	19-JUL-2010 17:28:53	Bright	53.500	79	26Bet Per	2.3100	13100.	107	43839	No
224	GOM_NL__2PRFIN20100719_173155_000000452091_00198_43839_4162.N1	19-JUL-2010 17:31:55	Tw_i_and_stray	44.500	150	44Zet Per	2.8900	28000.	89	43839	No
225	GOM_NL__2PRFIN20100719_173435_000000472091_00198_43839_4163.N1	19-JUL-2010 17:34:35	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	43839	No
226	GOM_NL__2PRFIN20100719_173610_000000542091_00198_43839_4164.N1	19-JUL-2010 17:36:10	Twilight	54.000	13	87Alp Tau	0.86700	3800.0	108	43839	No
227	GOM_NL__2PRFIN20100719_174301_000000642091_00198_43839_4165.N1	19-JUL-2010 17:43:01	Dark	64.000	94	92Alp Cet	2.5260	3100.0	128	43839	No
228	GOM_NL__2PRFIN20100719_174550_000000482091_00198_43839_4166.N1	19-JUL-2010 17:45:50	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	43839	No
229	GOM_NL__2PRFIN20100719_175457_000000422091_00198_43839_4167.N1	19-JUL-2010 17:54:57	Dark	41.500	157	The1Eri	2.9060	9300.0	83	43839	No
230	GOM_NL__2PRFIN20100719_180102_000000502091_00199_43840_4169.N1	19-JUL-2010 18:01:02	Dark	50.000	9	Alp Eri	0.45300	24000.	100	43840	No
231	GOM_NL__2PRFIN20100719_180426_000000532091_00199_43840_4170.N1	19-JUL-2010 18:04:26	Dark	52.500	84	Alp Phe	2.3970	4500.0	105	43840	No
232	GOM_NL__2PRFIN20100719_180827_000000432091_00199_43840_4171.N1	19-JUL-2010 18:08:27	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	43840	No
233	GOM_NL__2PRFIN20100719_180957_000000492091_00199_43840_4172.N1	19-JUL-2010 18:09:57	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	43840	No
234	GOM_NL__2PRFIN20100719_181127_000000472091_00199_43840_4173.N1	19-JUL-2010 18:11:27	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	43840	No
235	GOM_NL__2PRFIN20100719_181440_000000502091_00199_43840_4174.N1	19-JUL-2010 18:14:40	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	43840	No
236	GOM_NL__2PRFIN20100719_183345_000000382091_00199_43840_4175.N1	19-JUL-2010 18:33:45	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	43840	No
237	GOM_NL__2PRFIN20100719_184049_000000382091_00199_43840_4176.N1	19-JUL-2010 18:40:49	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	43840	No
238	GOM_NL__2PRFIN20100719_184346_000000412091_00199_43840_4177.N1	19-JUL-2010 18:43:46	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	43840	No
239	GOM_NL__2PRFIN20100719_184550_000000502091_00199_43840_4178.N1	19-JUL-2010 18:45:50	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	43840	No
240	GOM_NL__2PRFIN20100719_185053_000000442091_00199_43840_4179.N1	19-JUL-2010 18:50:53	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43840	No
241	GOM_NL__2PRFIN20100719_185944_000000502091_00199_43840_4180.N1	19-JUL-2010 18:59:44	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	43840	No
242	GOM_NL__2PRFIN20100719_190504_000000442091_00199_43840_4181.N1	19-JUL-2010 19:05:04	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	43840	No
243	GOM_NL__2PRFIN20100719_190629_000000452091_00199_43840_4182.N1	19-JUL-2010 19:06:29	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	43840	No
244	GOM_NL__2PRFIN20100719_190929_000000482091_00199_43840_4183.N1	19-JUL-2010 19:09:29	Bright	48.000	79	26Bet Per	2.3100	13100.	96	43840	No
245	GOM_NL__2PRFIN20100719_191231_000000472091_00199_43840_4184.N1	19-JUL-2010 19:12:31	Tw_i_and_stray	47.000	150	44Zet Per	2.8900	28000.	94	43840	No
246	GOM_NL__2PRFIN20100719_191511_000000462091_00199_43840_4185.N1	19-JUL-2010 19:15:11	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	43840	No
247	GOM_NL__2PRFIN20100719_191646_000000502091_00199_43840_4186.N1	19-JUL-2010 19:16:46	Twilight	50.000	13	87Alp Tau	0.86700	3800.0	100	43840	No
248	GOM_NL__2PRFIN20100719_192338_000000622091_00199_43840_4187.N1	19-JUL-2010 19:23:38	Dark	62.000	94	92Alp Cet	2.5260	3100.0	124	43840	No
249	GOM_NL__2PRFIN20100719_192627_000000492091_00199_43840_4188.N1	19-JUL-2010 19:26:27	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	43840	No
250	GOM_NL__2PRFIN20100719_193534_000000422091_00199_43840_4189.N1	19-JUL-2010 19:35:34	Dark	41.500	157	The1Eri	2.9060	9300.0	83	43840	No
251	GOM_NL__2PRFIN20100719_194138_000000452091_00200_43841_4212.N1	19-JUL-2010 19:41:38	Dark	44.500	9	Alp Eri	0.45300	24000.	89	43841	No
252	GOM_NL__2PRFIN20100719_194503_000000562091_00200_43841_4213.N1	19-JUL-2010 19:45:03	Dark	55.500	84	Alp Phe	2.3970	4500.0	111	43841	No
253	GOM_NL__2PRFIN20100719_194904_000000412091_00200_43841_4214.N1	19-JUL-2010 19:49:04	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43841	No
254	GOM_NL__2PRFIN20100719_195033_000000502091_00200_43841_4215.N1	19-JUL-2010 19:50:33	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	43841	No
255	GOM_NL__2PRFIN20100719_195203_000000512091_00200_43841_4216.N1	19-JUL-2010 19:52:03	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	43841	No
256	GOM_NL__2PRFIN20100719_195517_000000502091_00200_43841_4217.N1	19-JUL-2010 19:55:17	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	43841	No
257	GOM_NL__2PRFIN20100719_201421_000000392091_00200_43841_4218.N1	19-JUL-2010 20:14:21	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	43841	No
258	GOM_NL__2PRFIN20100719_202124_000000412091_00200_43841_4219.N1	19-JUL-2010 20:21:24	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43841	No
259	GOM_NL__2PRFIN20100719_202422_000000432091_00200_43841_4220.N1	19-JUL-2010 20:24:22	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	43841	No
260	GOM_NL__2PRFIN20100719_202626_000000492091_00200_43841_4221.N1	19-JUL-2010 20:26:26	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	43841	No
261	GOM_NL__2PRFIN20100719_203129_000000442091_00200_43841_4222.N1	19-JUL-2010 20:31:29	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43841	No
262	GOM_NL__2PRFIN20100719_204020_000000502091_00200_43841_4223.N1	19-JUL-2010 20:40:20	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	43841	No
263	GOM_NL__2PRFIN20100719_204540_000000622091_00200_43841_4224.N1	19-JUL-2010 20:45:40	Bright	62.000	160	23Gam Per	2.9300	4700.0	124	43841	No
264	GOM_NL__2PRFIN20100719_204705_000000452091_00200_43841_4225.N1	19-JUL-2010 20:47:05	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	43841	No
265	GOM_NL__2PRFIN20100719_205005_000000502091_00200_43841_4226.N1	19-JUL-2010 20:50:05	Bright	50.000	79	26Bet Per	2.3100	13100.	100	43841	No
266	GOM_NL__2PRFIN20100719_205307_000000472091_00200_43841_4227.N1	19-JUL-2010 20:53:07	Tw_i_and_stray	46.500	150	44Zet Per	2.8900	28000.	93	43841	No
267	GOM_NL__2PRFIN20100719_205548_000000452091_00200_43841_4228.N1	19-JUL-2010 20:55:48	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	43841	No
268	GOM_NL__2PRFIN20100719_205722_000000492091_00200_43841_4229.N1	19-JUL-2010 20:57:22	Twilight	49.000	13	87Alp Tau	0.86700	3800.0	98	43841	No
269	GOM_NL__2PRFIN20100719_210414_000000642091_00200_43841_4230.N1	19-JUL-2010 21:04:14	Dark	63.500	94	92Alp Cet	2.5260	3100.0	127	43841	No
270	GOM_NL__2PRFIN20100719_210703_000000502091_00200_43841_4231.N1	19-JUL-2010 21:07:03	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	43841	No
271	GOM_NL__2PRFIN20100719_211611_000000432091_00200_43841_4232.N1	19-JUL-2010 21:16:11	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43841	No
272	GOM_NL__2PRFIN20100719_212215_000000512091_00201_43842_4226.N1	19-JUL-2010 21:22:15	Dark	51.000	9	Alp Eri	0.45300	24000.	102	43842	No
273	GOM_NL__2PRFIN20100719_212540_000000532091_00201_43842_4227.N1	19-JUL-2010 21:25:40	Dark	52.500	84	Alp Phe	2.3970	4500.0	105	43842	No
274	GOM_NL__2PRFIN20100719_212940_000000422091_00201_43842_4228.N1	19-JUL-2010 21:29:40	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	43842	No
275	GOM_NL__2PRFIN20100719_213110_000000492091_00201_43842_4229.N1	19-JUL-2010 21:31:10	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	43842	No
276	GOM_NL__2PRFIN20100719_213240_000000532091_00201_43842_4230.N1	19-JUL-2010 21:32:40	Straylight	53.000	31	Alp Gru	1.7340	15200.	106	43842	No
277	GOM_NL__2PRFIN20100719_213554_000000502091_00201_43842_4231.N1	19-JUL-2010 21:35:54	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	43842	No
278	GOM_NL__2PRFIN20100719_215457_000000382091_00201_43842_4232.N1	19-JUL-2010 21:54:57	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	43842	No

279	GOM_NL__2PRFIN20100719_220200_000000392091_00201_43842_4233.N1	19-JUL-2010 22:02:00	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	43842	No
280	GOM_NL__2PRFIN20100719_220457_000000402091_00201_43842_4234.N1	19-JUL-2010 22:04:57	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	43842	No
281	GOM_NL__2PRFIN20100719_220701_000000492091_00201_43842_4235.N1	19-JUL-2010 22:07:01	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	43842	No
282	GOM_NL__2PRFIN20100719_221204_000000452091_00201_43842_4236.N1	19-JUL-2010 22:12:04	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43842	No
283	GOM_NL__2PRFIN20100719_222055_000000502091_00201_43842_4237.N1	19-JUL-2010 22:20:55	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	43842	No
284	GOM_NL__2PRFIN20100719_222615_000000422091_00201_43842_4238.N1	19-JUL-2010 22:26:15	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	43842	No
285	GOM_NL__2PRFIN20100719_222740_000000452091_00201_43842_4239.N1	19-JUL-2010 22:27:40	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	43842	No
286	GOM_NL__2PRFIN20100719_223040_000000522091_00201_43842_4240.N1	19-JUL-2010 22:30:40	Bright	52.000	79	26Bet Per	2.3100	13100.	104	43842	No
287	GOM_NL__2PRFIN20100719_223343_000000462091_00201_43842_4241.N1	19-JUL-2010 22:33:43	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	43842	No
288	GOM_NL__2PRFIN20100719_223624_000000482091_00201_43842_4242.N1	19-JUL-2010 22:36:24	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	43842	No
289	GOM_NL__2PRFIN20100719_223759_000000502091_00201_43842_4243.N1	19-JUL-2010 22:37:59	Twilight	50.000	13	87Alp Tau	0.86700	3800.0	100	43842	No
290	GOM_NL__2PRFIN20100719_224451_000000642091_00201_43842_4244.N1	19-JUL-2010 22:44:51	Dark	64.000	94	92Alp Cet	2.5260	3100.0	128	43842	No
291	GOM_NL__2PRFIN20100719_224740_000000502091_00201_43842_4245.N1	19-JUL-2010 22:47:40	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	43842	No
292	GOM_NL__2PRFIN20100719_225647_000000422091_00201_43842_4246.N1	19-JUL-2010 22:56:47	Dark	41.500	157	The1Eri	2.9060	9300.0	83	43842	No
293	GOM_NL__2PRFIN20100719_230251_000000522091_00202_43843_4240.N1	19-JUL-2010 23:02:51	Dark	51.500	9	Alp Eri	0.45300	24000.	103	43843	No
294	GOM_NL__2PRFIN20100719_230617_000000542091_00202_43843_4241.N1	19-JUL-2010 23:06:17	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	43843	No
295	GOM_NL__2PRFIN20100719_231017_000000432091_00202_43843_4242.N1	19-JUL-2010 23:10:17	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	43843	No
296	GOM_NL__2PRFIN20100719_231147_000000622091_00202_43843_4243.N1	19-JUL-2010 23:11:47	Straylight	61.500	63	Bet Gru	2.1500	2800.0	123	43843	No
297	GOM_NL__2PRFIN20100719_231316_000000552091_00202_43843_4244.N1	19-JUL-2010 23:13:16	Straylight	54.500	31	Alp Gru	1.7340	15200.	109	43843	No
298	GOM_NL__2PRFIN20100719_231630_000000492091_00202_43843_4245.N1	19-JUL-2010 23:16:30	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	43843	No
299	GOM_NL__2PRFIN20100719_233532_000000402091_00202_43843_4246.N1	19-JUL-2010 23:35:32	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	43843	No
300	GOM_NL__2PRFIN20100719_234236_000000402091_00202_43843_4247.N1	19-JUL-2010 23:42:36	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	43843	No
301	GOM_NL__2PRFIN20100719_234533_000000432091_00202_43843_4248.N1	19-JUL-2010 23:45:33	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	43843	No
302	GOM_NL__2PRFIN20100719_234736_000000492091_00202_43843_4249.N1	19-JUL-2010 23:47:36	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	43843	No
303	GOM_NL__2PRFIN20100719_235239_000000442091_00202_43843_4250.N1	19-JUL-2010 23:52:39	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43843	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.

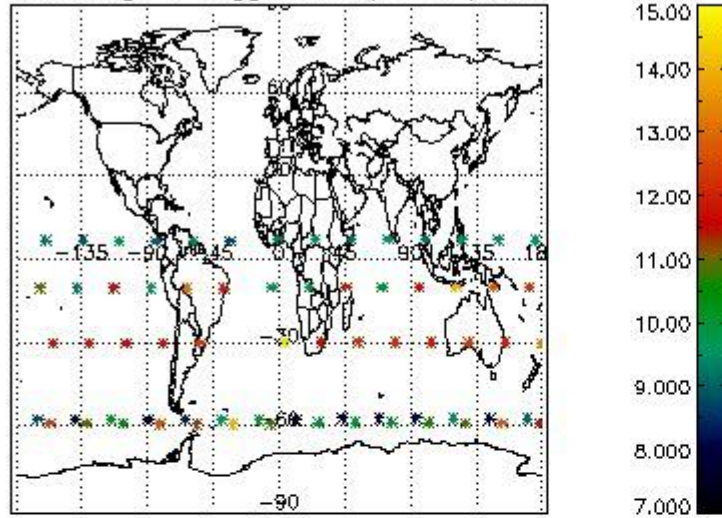
#### 3.1 Plot quality information per product (time dependant)



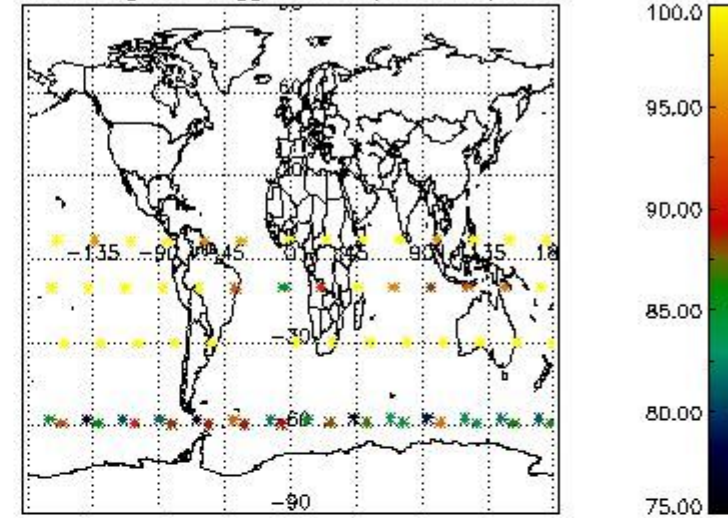
*3.2 Plot quality information per product (world map)*



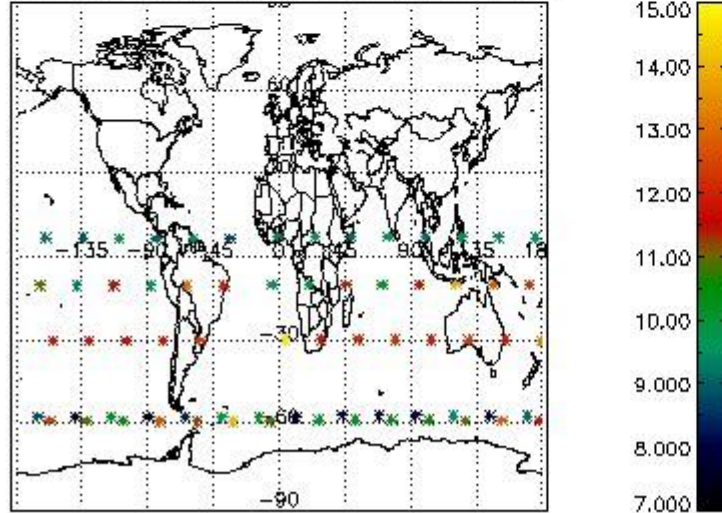
Percentage of flagged data per O3 profile



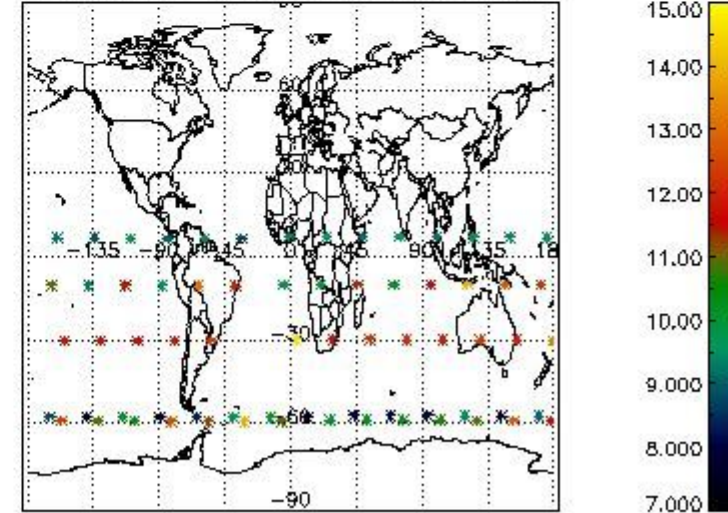
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

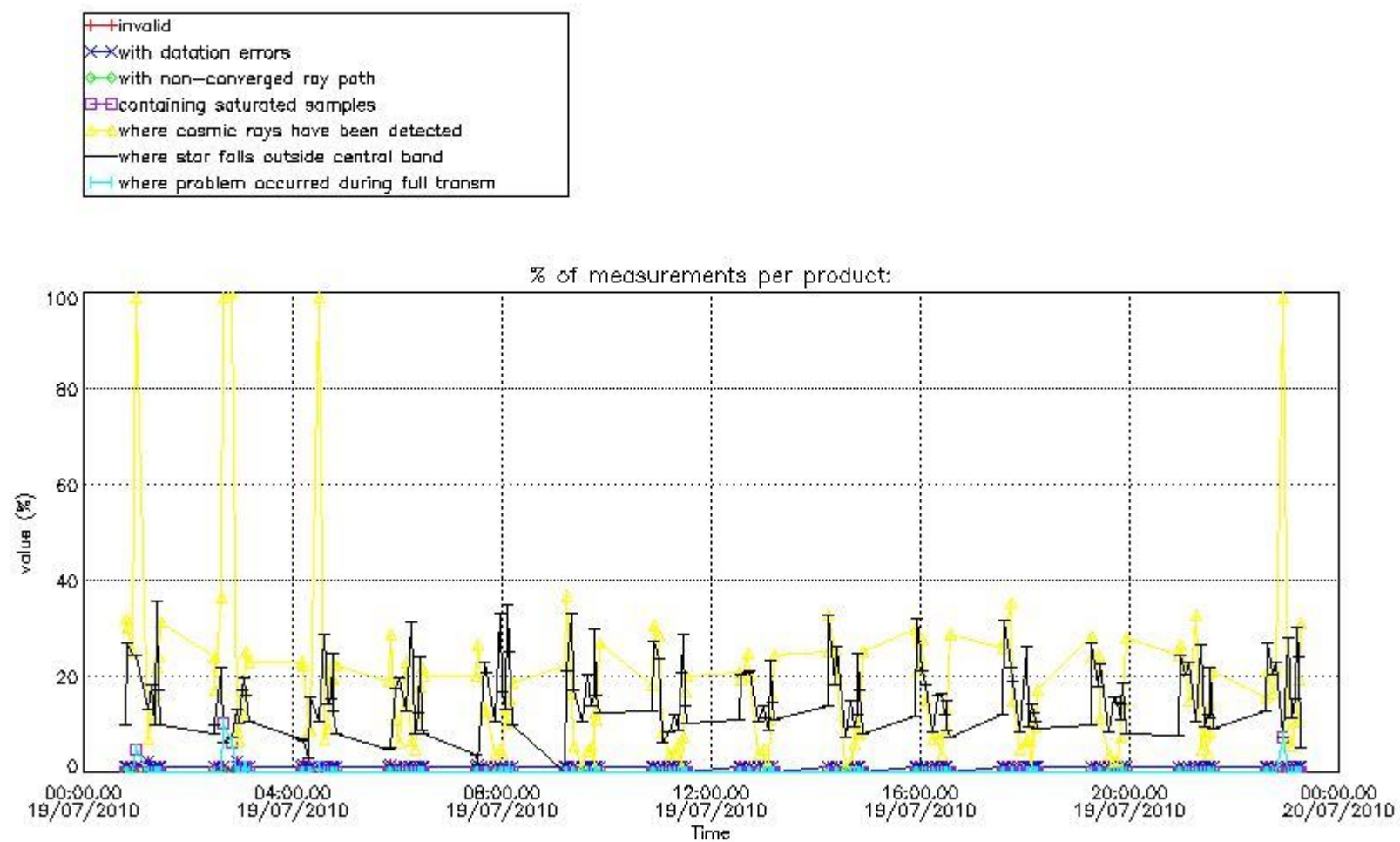


#### 4. Level 1 quality information per product

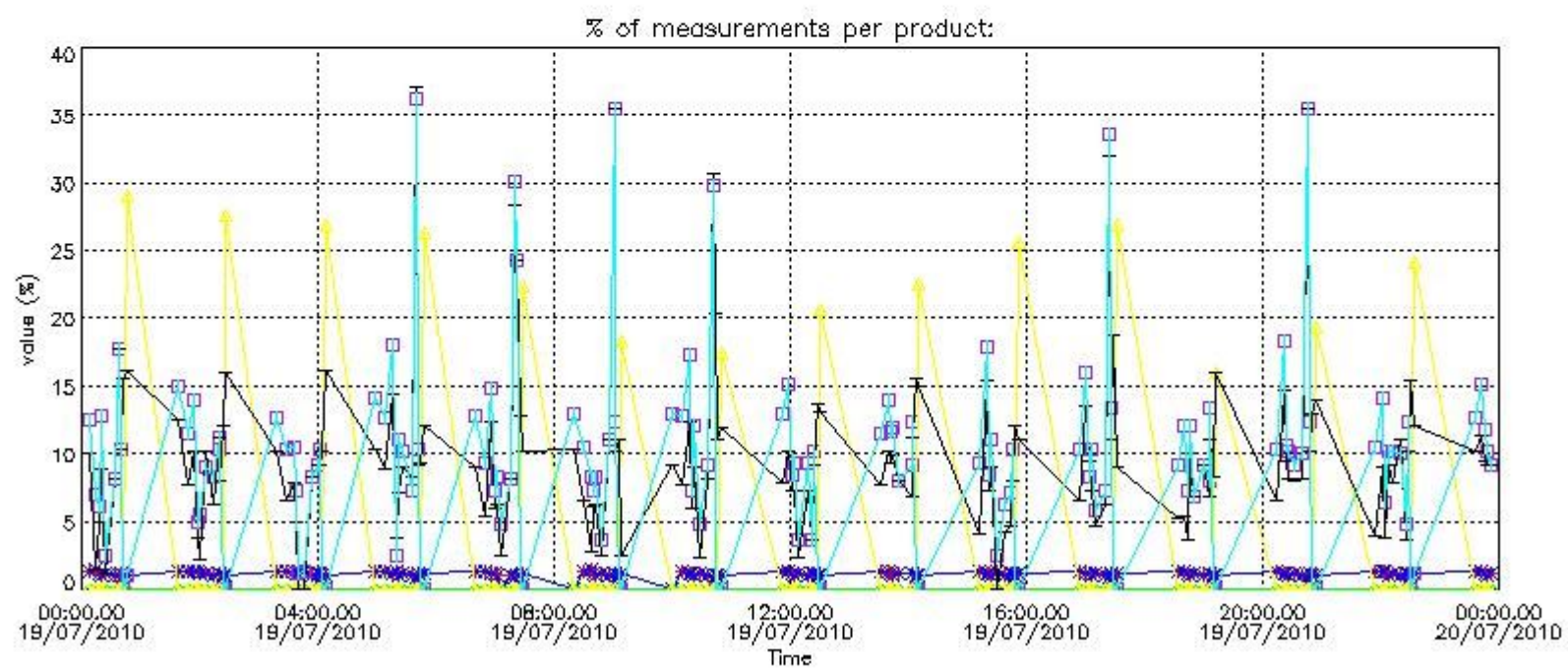
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

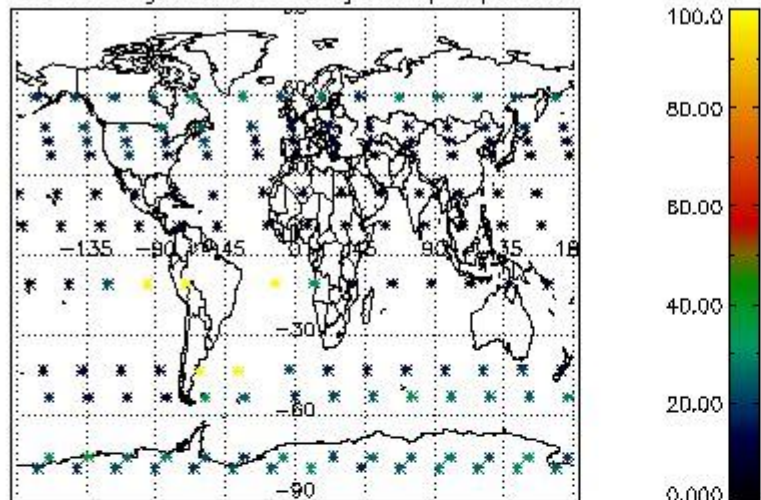


4.2 Plot quality information per product coming from level 1b processing (world map)

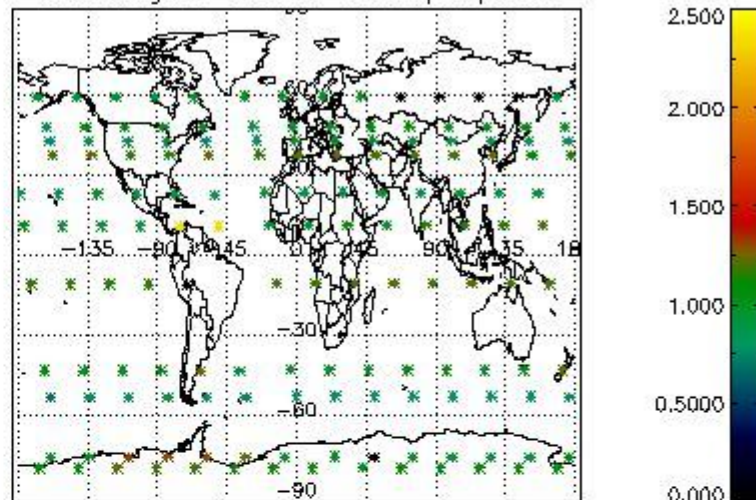
4.2.1 Plot level 1 quality information per product (world map): ENVI SAT ASCENDING passes



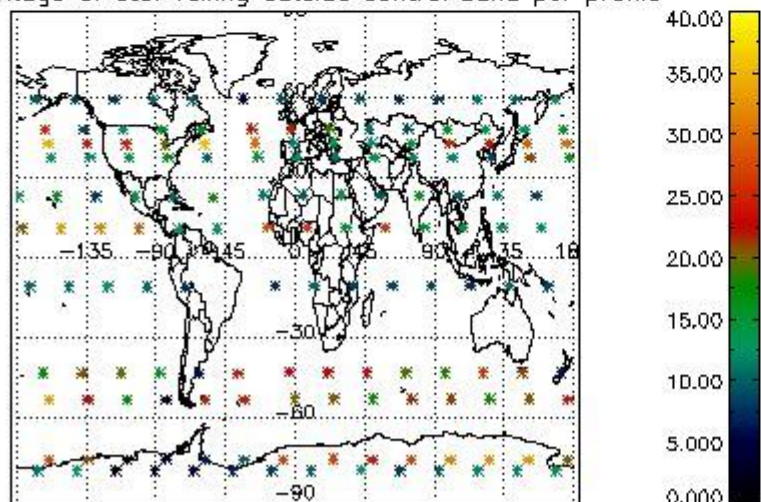
Percentage of cosmic ray hits per profile



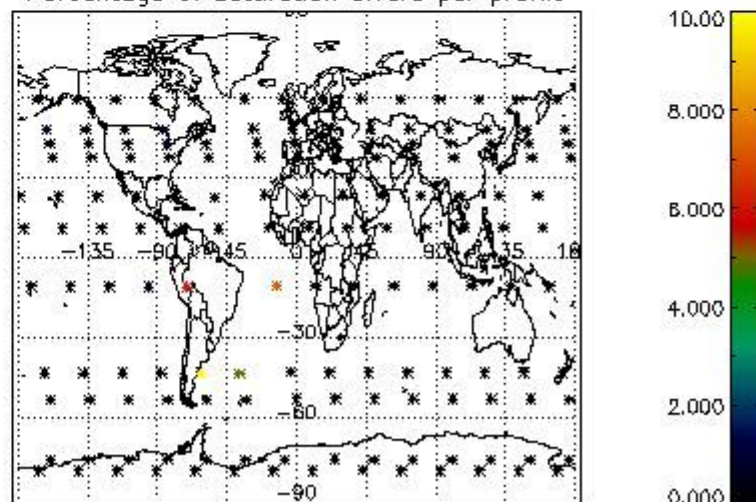
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

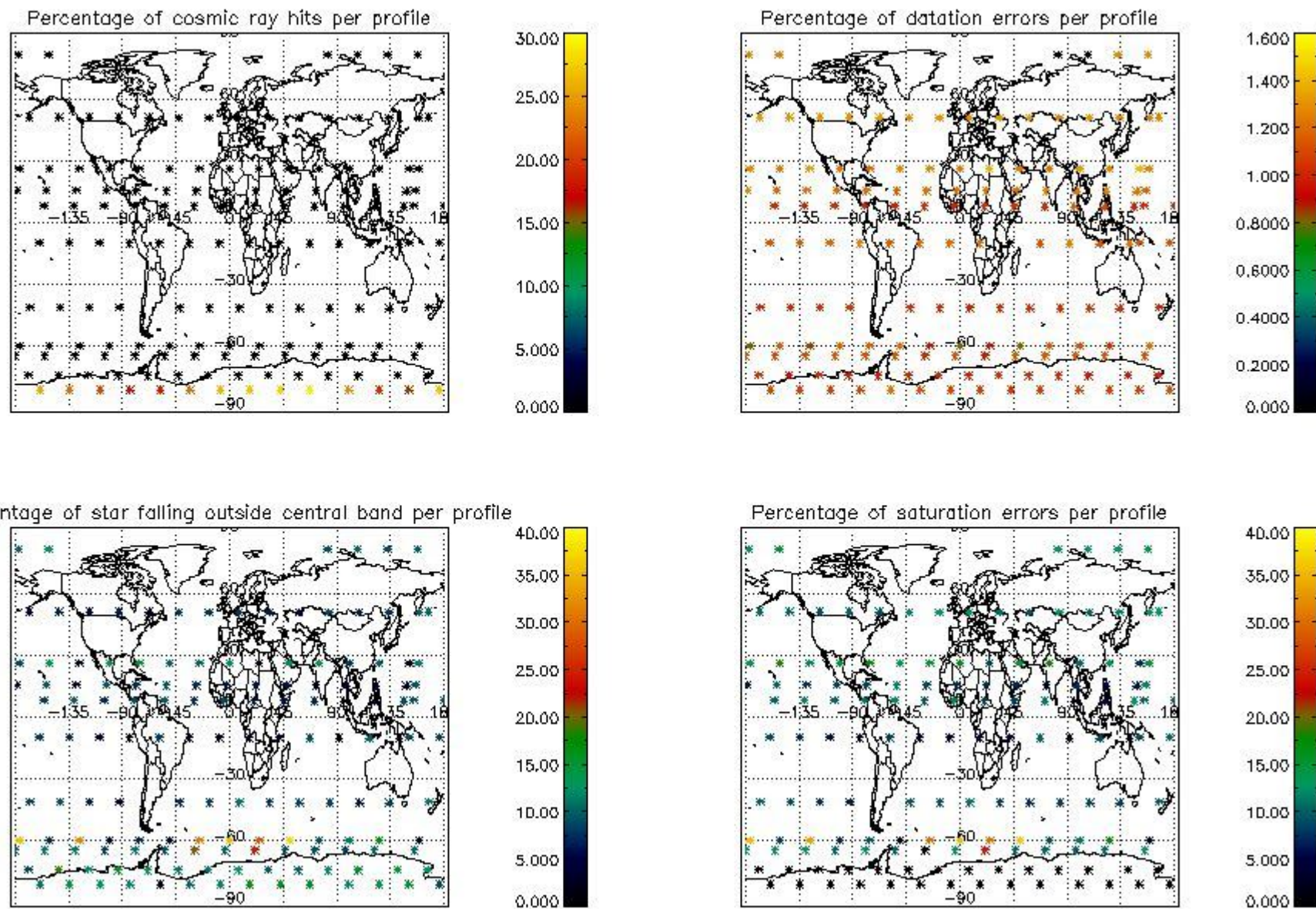


Percentage of saturation errors per profile



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

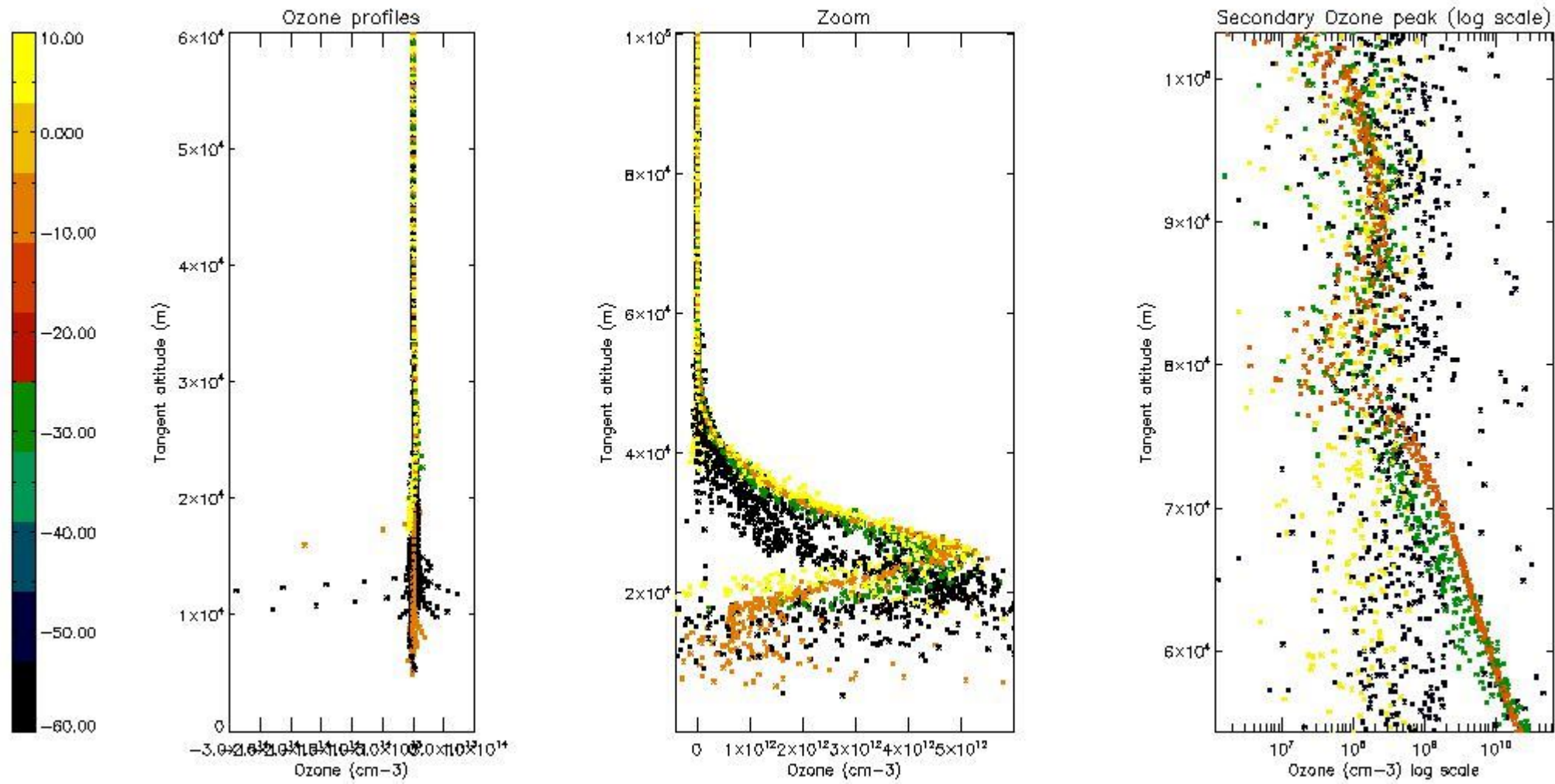
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	8

STD < 10	5
STD < 5	2

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

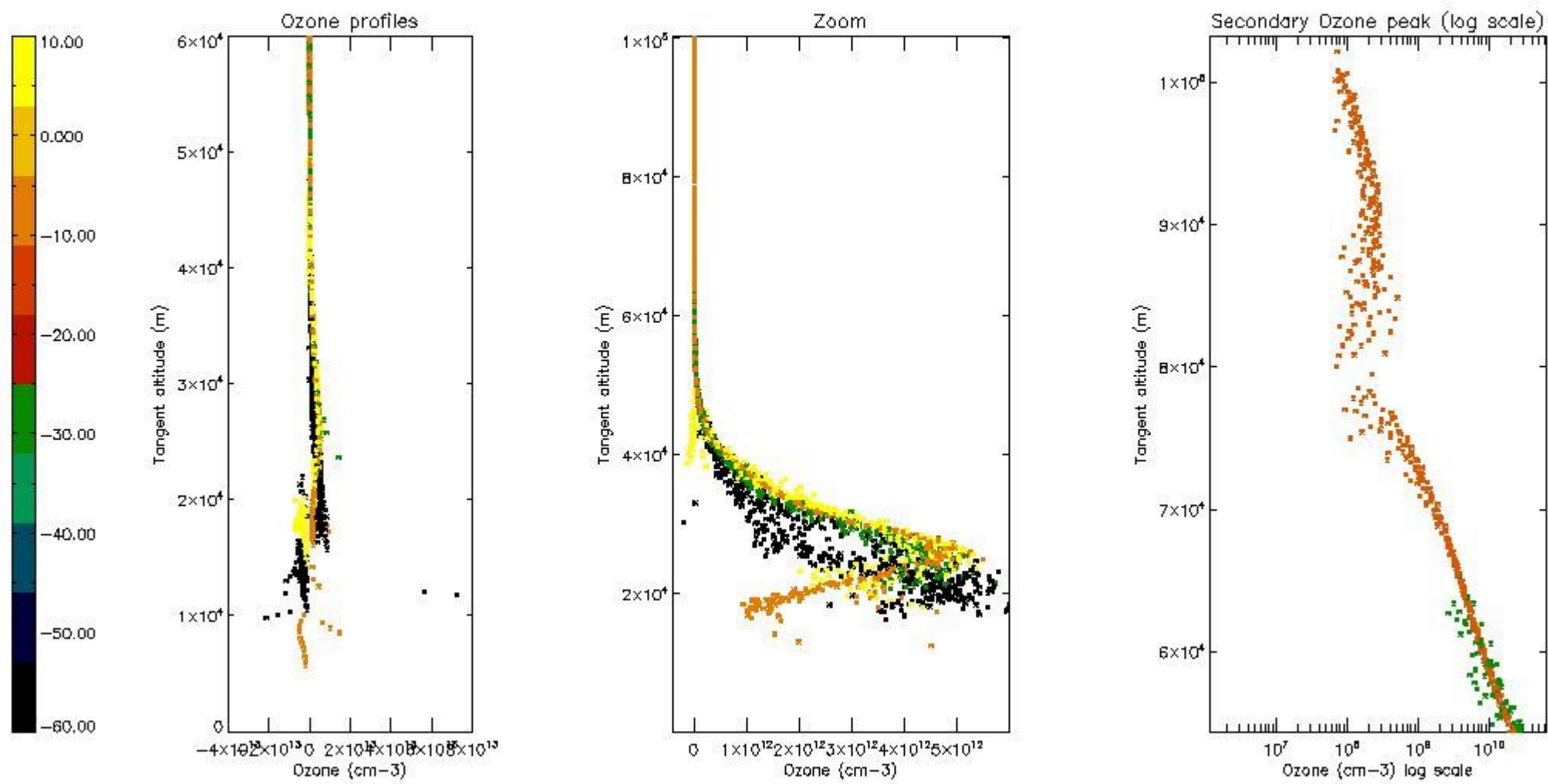
The colorbar represents the latitude.



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

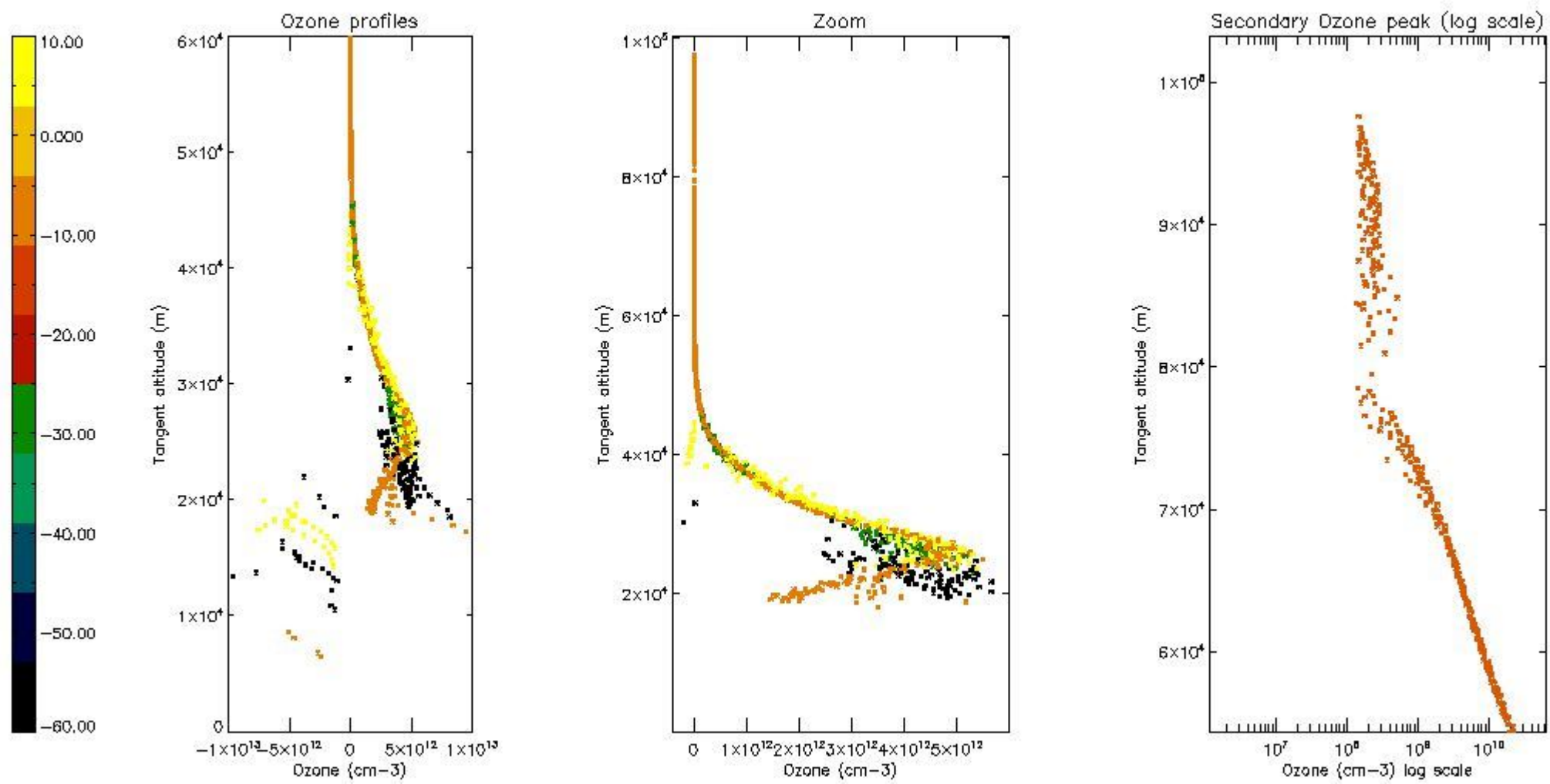
The colorbar represents the latitude.





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

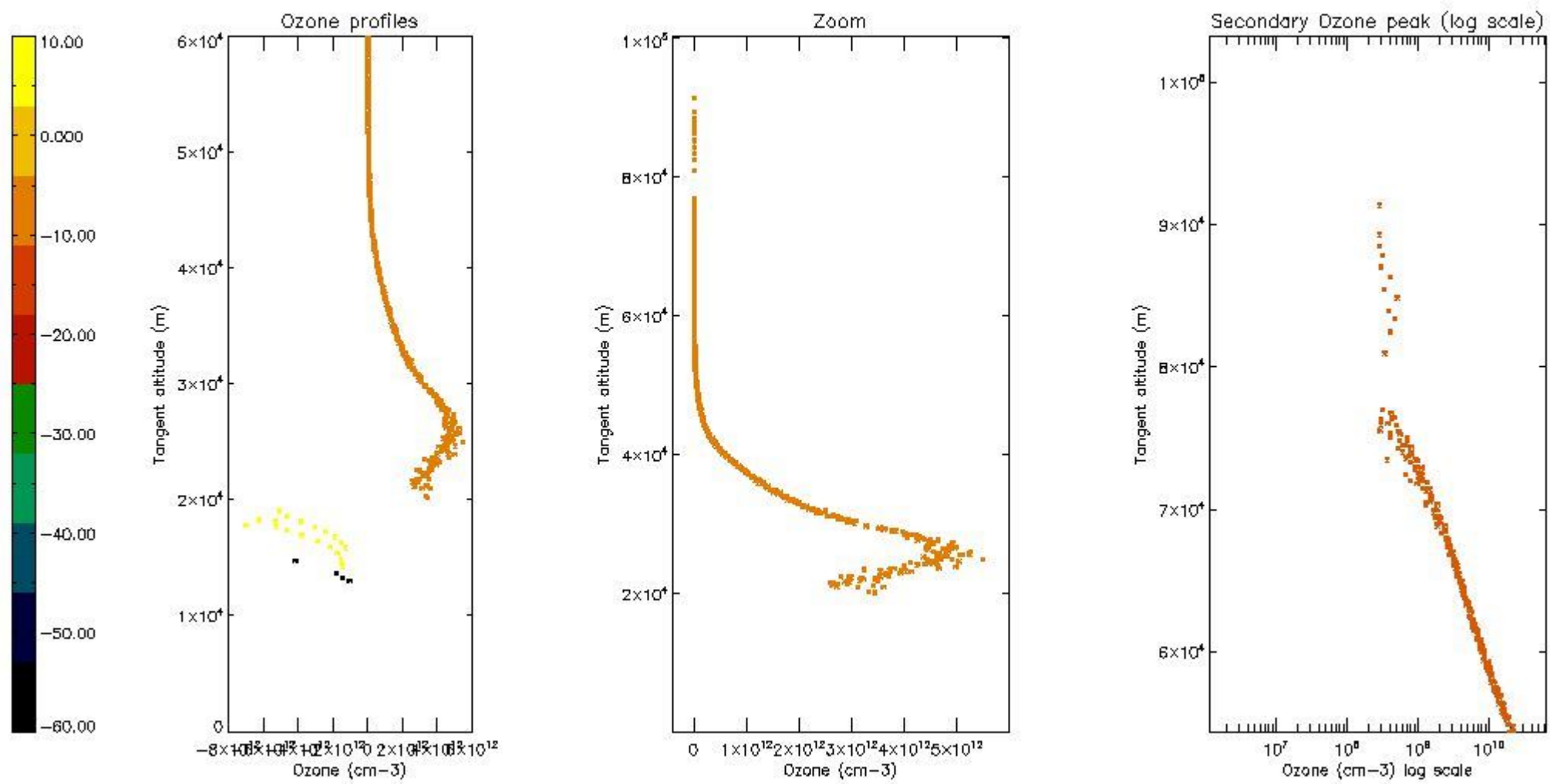
The colorbar represents the latitude.



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

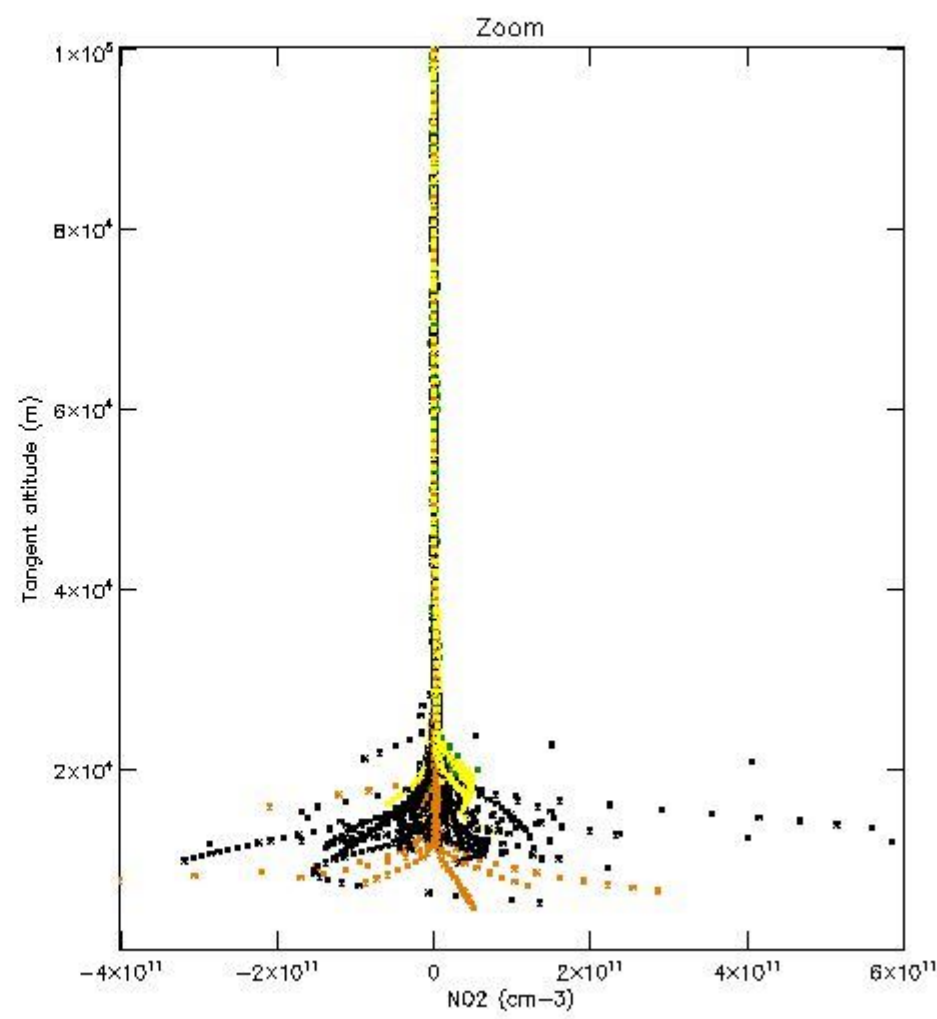
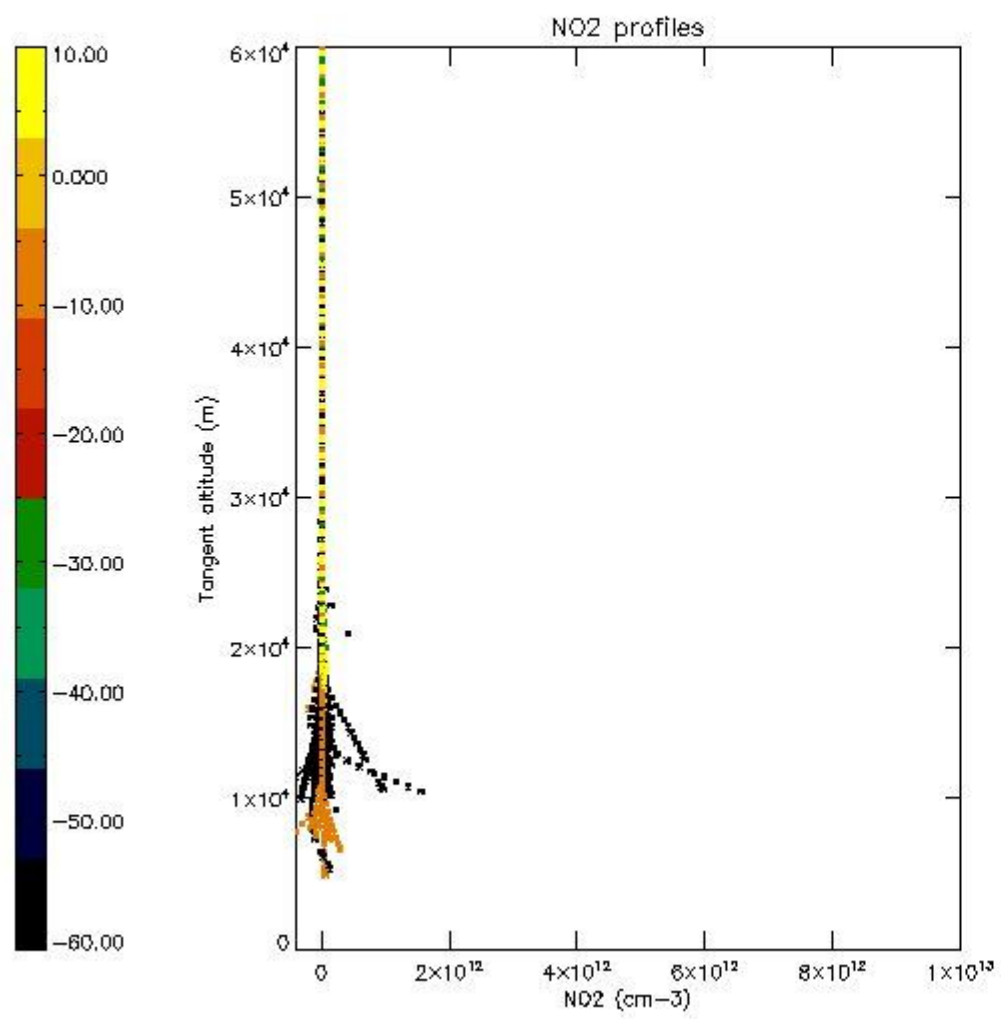
The colorbar represents the latitude.





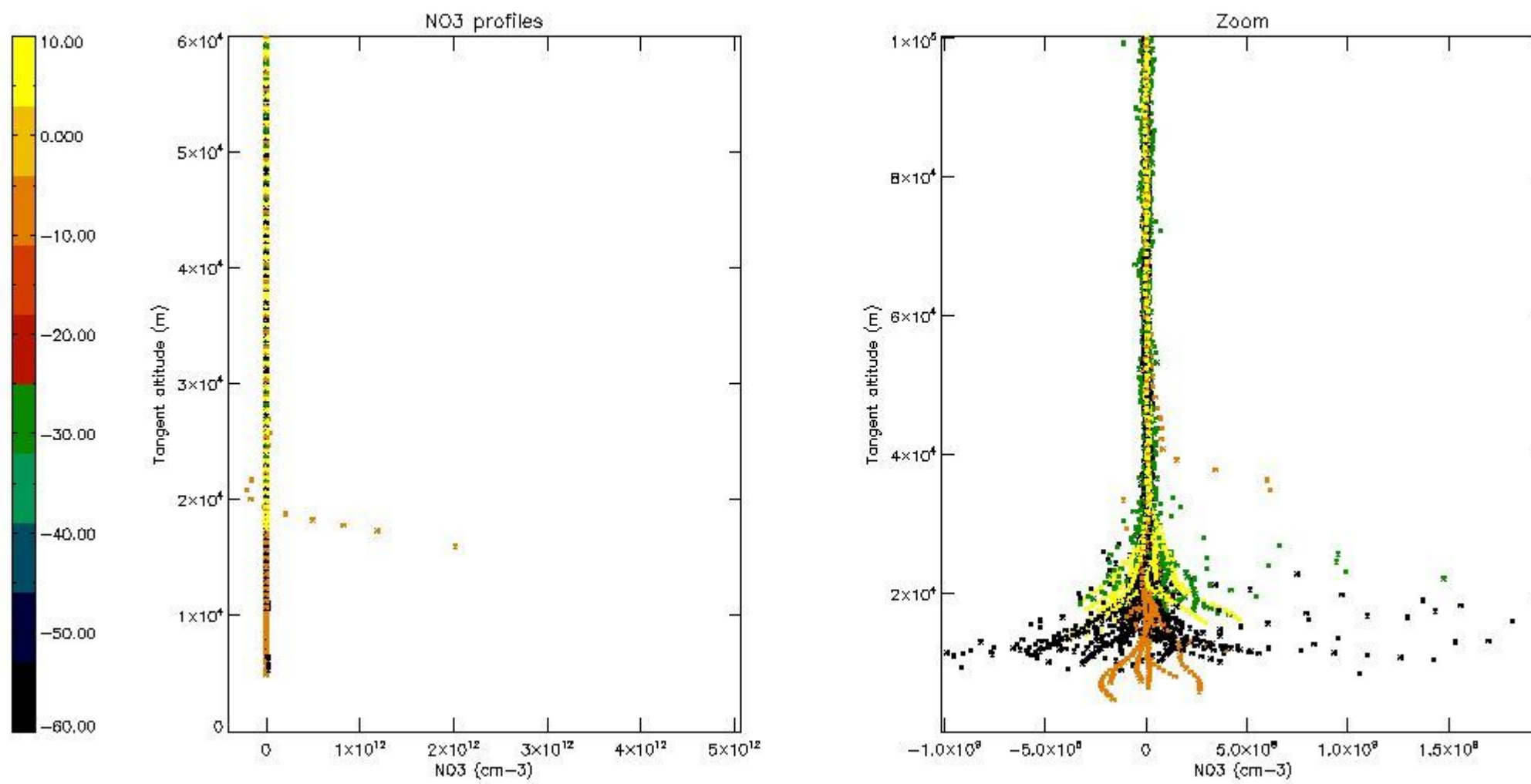
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



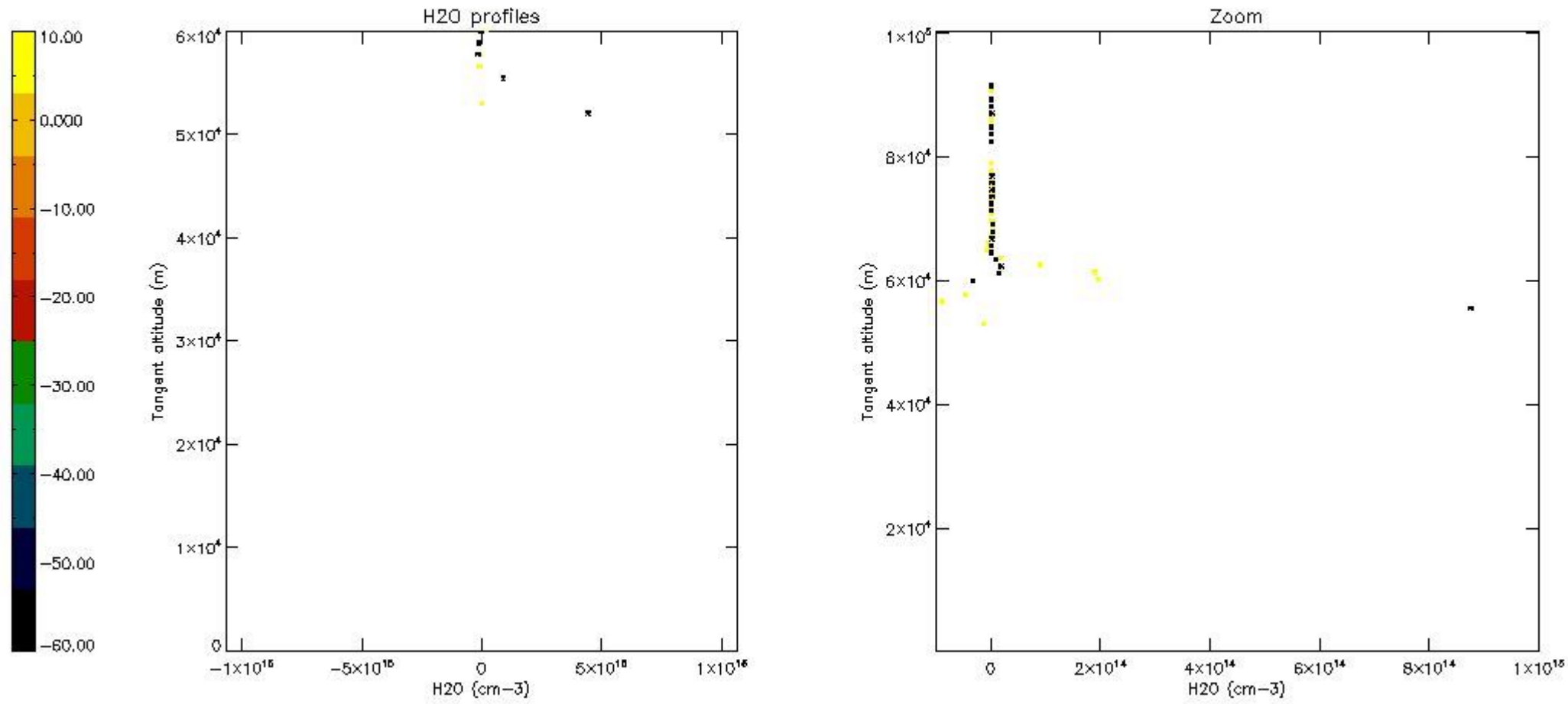
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



5.8 Plot H<sub>2</sub>O 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	19-JUL-2010 00:07:11
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	19-JUL-2010 00:07:11
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	19-JUL-2010 00:07:11



# 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	29APR2013 13:12:04
Data source version	GOMOS/6.01
Start time of products	19-07-2010 (19JUL2010 00:00:00)
Stop time of products	20-07-2010 (20JUL2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	303
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__2PRFIN20100719_000711_000000402091_00188_43829_3793.N1	19-JUL-2010 00:07:11	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	43829	No
2	GOM_NL__2PRFIN20100719_001415_000000362091_00188_43829_3794.N1	19-JUL-2010 00:14:15	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	43829	No
3	GOM_NL__2PRFIN20100719_001716_000000412091_00188_43829_3795.N1	19-JUL-2010 00:17:16	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	43829	No
4	GOM_NL__2PRFIN20100719_001924_000000512091_00188_43829_3796.N1	19-JUL-2010 00:19:24	Bright	50.500	19	50Alp Cyg	1.2460	10500.	101	43829	No
5	GOM_NL__2PRFIN20100719_002424_000000412091_00188_43829_3797.N1	19-JUL-2010 00:24:24	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	43829	No
6	GOM_NL__2PRFIN20100719_003315_000000492091_00188_43829_3798.N1	19-JUL-2010 00:33:15	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	43829	No
7	GOM_NL__2PRFIN20100719_003831_000000482091_00188_43829_3799.N1	19-JUL-2010 00:38:31	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	43829	No
8	GOM_NL__2PRFIN20100719_003955_000000442091_00188_43829_3800.N1	19-JUL-2010 00:39:55	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	43829	No
9	GOM_NL__2PRFIN20100719_004254_000000522091_00188_43829_3801.N1	19-JUL-2010 00:42:54	Bright	51.500	79	26Bet Per	2.3100	13100.	103	43829	No
10	GOM_NL__2PRFIN20100719_004554_000000472091_00188_43829_3802.N1	19-JUL-2010 00:45:54	Twilight	46.500	150	44Zet Per	2.8900	28000.	93	43829	No
11	GOM_NL__2PRFIN20100719_004833_000000462091_00188_43829_3803.N1	19-JUL-2010 00:48:33	Twilight	45.500	146	25Eta Tau	2.8730	15200.	91	43829	No
12	GOM_NL__2PRFIN20100719_005008_000000502091_00188_43829_3804.N1	19-JUL-2010 00:50:08	Twilight	50.000	13	87Alp Tau	0.86700	3800.0	100	43829	No
13	GOM_NL__2PRFIN20100719_005652_000000662091_00188_43829_3805.N1	19-JUL-2010 00:56:52	Dark	66.000	94	92Alp Cet	2.5260	3100.0	132	43829	No
14	GOM_NL__2PRFIN20100719_005945_000000512091_00188_43829_3806.N1	19-JUL-2010 00:59:45	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	43829	No
15	GOM_NL__2PRFIN20100719_011456_000000432091_00189_43830_3811.N1	19-JUL-2010 01:14:56	Dark	42.500	9	Alp Eri	0.45300	24000.	85	43830	No
16	GOM_NL__2PRFIN20100719_011815_000000582091_00189_43830_3812.N1	19-JUL-2010 01:18:15	Dark	58.000	84	Alp Phe	2.3970	4500.0	116	43830	No
17	GOM_NL__2PRFIN20100719_012223_000000412091_00189_43830_3813.N1	19-JUL-2010 01:22:23	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43830	No
18	GOM_NL__2PRFIN20100719_012349_000000662091_00189_43830_3814.N1	19-JUL-2010 01:23:49	Straylight	66.000	63	Bet Gru	2.1500	2800.0	132	43830	No
19	GOM_NL__2PRFIN20100719_012521_000000502091_00189_43830_3815.N1	19-JUL-2010 01:25:21	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	43830	No
20	GOM_NL__2PRFIN20100719_012834_000000512091_00189_43830_3816.N1	19-JUL-2010 01:28:34	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	43830	No
21	GOM_NL__2PRFIN20100719_013720_000000402091_00189_43830_3817.N1	19-JUL-2010 01:37:20	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	43830	No
22	GOM_NL__2PRFIN20100719_014747_000000392091_00189_43830_3818.N1	19-JUL-2010 01:47:47	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	43830	No
23	GOM_NL__2PRFIN20100719_015450_000000402091_00189_43830_3819.N1	19-JUL-2010 01:54:50	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	43830	No
24	GOM_NL__2PRFIN20100719_015752_000000402091_00189_43830_3820.N1	19-JUL-2010 01:57:52	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	43830	No
25	GOM_NL__2PRFIN20100719_015959_000000462091_00189_43830_3821.N1	19-JUL-2010 01:59:59	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	43830	No
26	GOM_NL__2PRFIN20100719_020500_000000452091_00189_43830_3822.N1	19-JUL-2010 02:05:00	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43830	No
27	GOM_NL__2PRFIN20100719_021351_000000482091_00189_43830_3823.N1	19-JUL-2010 02:13:51	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	43830	No
28	GOM_NL__2PRFIN20100719_021907_000000452091_00189_43830_3824.N1	19-JUL-2010 02:19:07	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	43830	No
29	GOM_NL__2PRFIN20100719_022030_000000442091_00189_43830_3825.N1	19-JUL-2010 02:20:30	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	43830	No
30	GOM_NL__2PRFIN20100719_022330_000000502091_00189_43830_3826.N1	19-JUL-2010 02:23:30	Bright	49.500	79	26Bet Per	2.3100	13100.	99	43830	No
31	GOM_NL__2PRFIN20100719_022630_000000472091_00189_43830_3827.N1	19-JUL-2010 02:26:30	Twilight	47.000	150	44Zet Per	2.8900	28000.	94	43830	No
32	GOM_NL__2PRFIN20100719_022909_000000442091_00189_43830_3828.N1	19-JUL-2010 02:29:09	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	43830	No
33	GOM_NL__2PRFIN20100719_023044_000000412091_00189_43830_3829.N1	19-JUL-2010 02:30:44	Twilight	41.000	13	87Alp Tau	0.86700	3800.0	82	43830	No
34	GOM_NL__2PRFIN20100719_023729_000000652091_00189_43830_3830.N1	19-JUL-2010 02:37:29	Dark	64.500	94	92Alp Cet	2.5260	3100.0	129	43830	No
35	GOM_NL__2PRFIN20100719_024021_000000402091_00189_43830_3831.N1	19-JUL-2010 02:40:21	Dark	40.000	165	34Gam Eri	2.9500	3200.0	80	43830	No
36	GOM_NL__2PRFIN20100719_024927_000000412091_00189_43830_3832.N1	19-JUL-2010 02:49:27	Dark	40.500	157	The1Eri	2.9060	9300.0	81	43830	No
37	GOM_NL__2PRFIN20100719_025533_000000432091_00190_43831_3874.N1	19-JUL-2010 02:55:33	Dark	42.500	9	Alp Eri	0.45300	24000.	85	43831	No
38	GOM_NL__2PRFIN20100719_025853_000000542091_00190_43831_3875.N1	19-JUL-2010 02:58:53	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	43831	No
39	GOM_NL__2PRFIN20100719_030259_000000442091_00190_43831_3876.N1	19-JUL-2010 03:02:59	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	43831	No
40	GOM_NL__2PRFIN20100719_030426_000000542091_00190_43831_3877.N1	19-JUL-2010 03:04:26	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	43831	No
41	GOM_NL__2PRFIN20100719_030557_000000502091_00190_43831_3878.N1	19-JUL-2010 03:05:57	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	43831	No
42	GOM_NL__2PRFIN20100719_030911_000000522091_00190_43831_3879.N1	19-JUL-2010 03:09:11	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	43831	No

43	GOM_NL__2PRFIN20100719_031756_000000402091_00190_43831_3880.N1	19-JUL-2010 03:17:56	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	43831	No
44	GOM_NL__2PRFIN20100719_032823_000000392091_00190_43831_3881.N1	19-JUL-2010 03:28:23	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	43831	No
45	GOM_NL__2PRFIN20100719_033526_000000382091_00190_43831_3882.N1	19-JUL-2010 03:35:26	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	43831	No
46	GOM_NL__2PRFIN20100719_033827_000000412091_00190_43831_3883.N1	19-JUL-2010 03:38:27	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	43831	No
47	GOM_NL__2PRFIN20100719_034034_000000432091_00190_43831_3884.N1	19-JUL-2010 03:40:34	Bright	43.000	19	50Alp Cyg	1.2460	10500.	86	43831	No
48	GOM_NL__2PRFIN20100719_034535_000000402091_00190_43831_3885.N1	19-JUL-2010 03:45:35	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	43831	No
49	GOM_NL__2PRFIN20100719_035426_000000492091_00190_43831_3886.N1	19-JUL-2010 03:54:26	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	43831	No
50	GOM_NL__2PRFIN20100719_035942_000000442091_00190_43831_3887.N1	19-JUL-2010 03:59:42	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	43831	No
51	GOM_NL__2PRFIN20100719_040106_000000442091_00190_43831_3888.N1	19-JUL-2010 04:01:06	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	43831	No
52	GOM_NL__2PRFIN20100719_040406_000000492091_00190_43831_3889.N1	19-JUL-2010 04:04:06	Bright	49.000	79	26Bet Per	2.3100	13100.	98	43831	No
53	GOM_NL__2PRFIN20100719_040707_000000472091_00190_43831_3890.N1	19-JUL-2010 04:07:07	Twilight	46.500	150	44Zet Per	2.8900	28000.	93	43831	No
54	GOM_NL__2PRFIN20100719_040945_000000442091_00190_43831_3891.N1	19-JUL-2010 04:09:45	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	43831	No
55	GOM_NL__2PRFIN20100719_041120_000000392091_00190_43831_3892.N1	19-JUL-2010 04:11:20	Twilight	38.500	13	87Alp Tau	0.86700	3800.0	77	43831	No
56	GOM_NL__2PRFIN20100719_041806_000000522091_00190_43831_3893.N1	19-JUL-2010 04:18:06	Dark	52.000	94	92Alp Cet	2.5260	3100.0	104	43831	No
57	GOM_NL__2PRFIN20100719_042058_000000452091_00190_43831_3894.N1	19-JUL-2010 04:20:58	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	43831	No
58	GOM_NL__2PRFIN20100719_043004_000000432091_00190_43831_3895.N1	19-JUL-2010 04:30:04	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43831	No
59	GOM_NL__2PRFIN20100719_043609_000000522091_00191_43832_3886.N1	19-JUL-2010 04:36:09	Dark	52.000	9	Alp Eri	0.45300	24000.	104	43832	No
60	GOM_NL__2PRFIN20100719_043929_000000562091_00191_43832_3887.N1	19-JUL-2010 04:39:29	Dark	56.000	84	Alp Phe	2.3970	4500.0	112	43832	No
61	GOM_NL__2PRFIN20100719_044336_000000432091_00191_43832_3888.N1	19-JUL-2010 04:43:36	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	43832	No
62	GOM_NL__2PRFIN20100719_044502_000000572091_00191_43832_3889.N1	19-JUL-2010 04:45:02	Straylight	57.000	63	Bet Gru	2.1500	2800.0	114	43832	No
63	GOM_NL__2PRFIN20100719_044634_000000472091_00191_43832_3890.N1	19-JUL-2010 04:46:34	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	43832	No
64	GOM_NL__2PRFIN20100719_044947_000000502091_00191_43832_3891.N1	19-JUL-2010 04:49:47	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	43832	No
65	GOM_NL__2PRFIN20100719_045833_000000392091_00191_43832_3892.N1	19-JUL-2010 04:58:33	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	43832	No
66	GOM_NL__2PRFIN20100719_050858_000000402091_00191_43832_3893.N1	19-JUL-2010 05:08:58	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	43832	No
67	GOM_NL__2PRFIN20100719_051602_000000422091_00191_43832_3894.N1	19-JUL-2010 05:16:02	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	43832	No
68	GOM_NL__2PRFIN20100719_051903_000000402091_00191_43832_3895.N1	19-JUL-2010 05:19:03	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	43832	No
69	GOM_NL__2PRFIN20100719_052109_000000502091_00191_43832_3896.N1	19-JUL-2010 05:21:09	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	43832	No
70	GOM_NL__2PRFIN20100719_052610_000000452091_00191_43832_3897.N1	19-JUL-2010 05:26:10	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43832	No
71	GOM_NL__2PRFIN20100719_053501_000000492091_00191_43832_3898.N1	19-JUL-2010 05:35:01	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	43832	No
72	GOM_NL__2PRFIN20100719_054018_000000622091_00191_43832_3899.N1	19-JUL-2010 05:40:18	Bright	62.000	160	23Gam Per	2.9300	4700.0	124	43832	No
73	GOM_NL__2PRFIN20100719_054142_000000442091_00191_43832_3900.N1	19-JUL-2010 05:41:42	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	43832	No
74	GOM_NL__2PRFIN20100719_054441_000000492091_00191_43832_3901.N1	19-JUL-2010 05:44:41	Bright	48.500	79	26Bet Per	2.3100	13100.	97	43832	No
75	GOM_NL__2PRFIN20100719_054743_000000462091_00191_43832_3902.N1	19-JUL-2010 05:47:43	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	43832	No
76	GOM_NL__2PRFIN20100719_055022_000000432091_00191_43832_3903.N1	19-JUL-2010 05:50:22	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	43832	No
77	GOM_NL__2PRFIN20100719_055156_000000392091_00191_43832_3904.N1	19-JUL-2010 05:51:56	Twilight	38.500	13	87Alp Tau	0.86700	3800.0	77	43832	No
78	GOM_NL__2PRFIN20100719_055843_000000612091_00191_43832_3905.N1	19-JUL-2010 05:58:43	Dark	60.500	94	92Alp Cet	2.5260	3100.0	121	43832	No
79	GOM_NL__2PRFIN20100719_060134_000000482091_00191_43832_3906.N1	19-JUL-2010 06:01:34	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	43832	No
80	GOM_NL__2PRFIN20100719_061041_000000442091_00191_43832_3907.N1	19-JUL-2010 06:10:41	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43832	No
81	GOM_NL__2PRFIN20100719_061646_000000532091_00192_43833_3909.N1	19-JUL-2010 06:16:46	Dark	53.000	9	Alp Eri	0.45300	24000.	106	43833	No
82	GOM_NL__2PRFIN20100719_062007_000000512091_00192_43833_3910.N1	19-JUL-2010 06:20:07	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	43833	No
83	GOM_NL__2PRFIN20100719_062412_000000412091_00192_43833_3911.N1	19-JUL-2010 06:24:12	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43833	No
84	GOM_NL__2PRFIN20100719_062540_000000562091_00192_43833_3912.N1	19-JUL-2010 06:25:40	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	43833	No
85	GOM_NL__2PRFIN20100719_062711_000000462091_00192_43833_3913.N1	19-JUL-2010 06:27:11	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	43833	No
86	GOM_NL__2PRFIN20100719_063024_000000502091_00192_43833_3914.N1	19-JUL-2010 06:30:24	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	43833	No
87	GOM_NL__2PRFIN20100719_063909_000000392091_00192_43833_3915.N1	19-JUL-2010 06:39:09	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	43833	No
88	GOM_NL__2PRFIN20100719_064934_000000382091_00192_43833_3916.N1	19-JUL-2010 06:49:34	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	43833	No
89	GOM_NL__2PRFIN20100719_065638_000000412091_00192_43833_3917.N1	19-JUL-2010 06:56:38	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	43833	No
90	GOM_NL__2PRFIN20100719_065938_000000422091_00192_43833_3918.N1	19-JUL-2010 06:59:38	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	43833	No
91	GOM_NL__2PRFIN20100719_070144_000000482091_00192_43833_3919.N1	19-JUL-2010 07:01:44	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	43833	No
92	GOM_NL__2PRFIN20100719_070646_000000422091_00192_43833_3920.N1	19-JUL-2010 07:06:46	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	43833	No
93	GOM_NL__2PRFIN20100719_071537_000000492091_00192_43833_3921.N1	19-JUL-2010 07:15:37	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	43833	No
94	GOM_NL__2PRFIN20100719_072054_000000572091_00192_43833_3922.N1	19-JUL-2010 07:20:54	Bright	56.500	160	23Gam Per	2.9300	4700.0	113	43833	No
95	GOM_NL__2PRFIN20100719_072218_000000522091_00192_43833_3923.N1	19-JUL-2010 07:22:18	Bright	51.500	35	33Alp Per	1.7950	6250.0	103	43833	No
96	GOM_NL__2PRFIN20100719_072518_000000512091_00192_43833_3924.N1	19-JUL-2010 07:25:18	Bright	50.500	79	26Bet Per	2.3100	13100.	101	43833	No
97	GOM_NL__2PRFIN20100719_072819_000000452091_00192_43833_3925.N1	19-JUL-2010 07:28:19	Twilight	44.500	150	44Zet Per	2.8900	28000.	89	43833	No
98	GOM_NL__2PRFIN20100719_073058_000000432091_00192_43833_3926.N1	19-JUL-2010 07:30:58	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	43833	No
99	GOM_NL__2PRFIN20100719_073233_000000382091_00192_43833_3927.N1	19-JUL-2010 07:32:33	Twilight	37.500	13	87Alp Tau	0.86700	3800.0	75	43833	No
100	GOM_NL__2PRFIN20100719_073920_000000652091_00192_43833_3928.N1	19-JUL-2010 07:39:20	Dark	65.000	94	92Alp Cet	2.5260	3100.0	130	43833	No
101	GOM_NL__2PRFIN20100719_074211_000000492091_00192_43833_3929.N1	19-JUL-2010 07:42:11	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	43833	No

102	GOM_NL__2PRFIN20100719_075118_000000432091_00192_43833_3930.N1	19-JUL-2010 07:51:18	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43833	No
103	GOM_NL__2PRFIN20100719_075723_000000552091_00193_43834_3943.N1	19-JUL-2010 07:57:23	Dark	54.500	9	Alp Eri	0.45300	24000.	109	43834	No
104	GOM_NL__2PRFIN20100719_080044_000000572091_00193_43834_3944.N1	19-JUL-2010 08:00:44	Dark	57.000	84	Alp Phe	2.3970	4500.0	114	43834	No
105	GOM_NL__2PRFIN20100719_080449_000000422091_00193_43834_3945.N1	19-JUL-2010 08:04:49	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	43834	No
106	GOM_NL__2PRFIN20100719_080617_000000652091_00193_43834_3946.N1	19-JUL-2010 08:06:17	Straylight	64.500	63	Bet Gru	2.1500	2800.0	129	43834	No
107	GOM_NL__2PRFIN20100719_080747_000000562091_00193_43834_3947.N1	19-JUL-2010 08:07:47	Straylight	55.500	31	Alp Gru	1.7340	15200.	111	43834	No
108	GOM_NL__2PRFIN20100719_081100_000000512091_00193_43834_3948.N1	19-JUL-2010 08:11:00	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	43834	No
109	GOM_NL__2PRFIN20100719_081945_000000392091_00193_43834_3949.N1	19-JUL-2010 08:19:45	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	43834	No
110	GOM_NL__2PRFIN20100719_083010_000000382091_00193_43834_3950.N1	19-JUL-2010 08:30:10	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	43834	No
111	GOM_NL__2PRFIN20100719_083714_000000362091_00193_43834_3951.N1	19-JUL-2010 08:37:14	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	43834	No
112	GOM_NL__2PRFIN20100719_084014_000000412091_00193_43834_3952.N1	19-JUL-2010 08:40:14	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	43834	No
113	GOM_NL__2PRFIN20100719_084219_000000492091_00193_43834_3953.N1	19-JUL-2010 08:42:19	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	43834	No
114	GOM_NL__2PRFIN20100719_084721_000000422091_00193_43834_3954.N1	19-JUL-2010 08:47:21	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	43834	No
115	GOM_NL__2PRFIN20100719_085612_000000502091_00193_43834_3955.N1	19-JUL-2010 08:56:12	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	43834	No
116	GOM_NL__2PRFIN20100719_090130_000000622091_00193_43834_3956.N1	19-JUL-2010 09:01:30	Bright	62.000	160	23Gam Per	2.9300	4700.0	124	43834	No
117	GOM_NL__2PRFIN20100719_090254_000000452091_00193_43834_3957.N1	19-JUL-2010 09:02:54	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	43834	No
118	GOM_NL__2PRFIN20100719_090553_000000502091_00193_43834_3958.N1	19-JUL-2010 09:05:53	Bright	49.500	79	26Bet Per	2.3100	13100.	99	43834	No
119	GOM_NL__2PRFIN20100719_090855_000000412091_00193_43834_3959.N1	19-JUL-2010 09:08:55	Twi_and_stray	41.000	150	44Zet Per	2.8900	28000.	82	43834	No
120	GOM_NL__2PRFIN20100719_091134_000000412091_00193_43834_3960.N1	19-JUL-2010 09:11:34	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	43834	No
121	GOM_NL__2PRFIN20100719_091309_000000482091_00193_43834_3961.N1	19-JUL-2010 09:13:09	Twilight	47.500	13	87Alp Tau	0.86700	3800.0	95	43834	No
122	GOM_NL__2PRFIN20100719_091957_000000742091_00193_43834_3962.N1	19-JUL-2010 09:19:57	Dark	74.000	94	92Alp Cet	2.5260	3100.0	148	43834	No
123	GOM_NL__2PRFIN20100719_092248_000000472091_00193_43834_3963.N1	19-JUL-2010 09:22:48	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	43834	No
124	GOM_NL__2PRFIN20100719_093154_000000432091_00193_43834_3964.N1	19-JUL-2010 09:31:54	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43834	No
125	GOM_NL__2PRFIN20100719_093759_000000472091_00194_43835_3967.N1	19-JUL-2010 09:37:59	Dark	46.500	9	Alp Eri	0.45300	24000.	93	43835	No
126	GOM_NL__2PRFIN20100719_094121_000000552091_00194_43835_3968.N1	19-JUL-2010 09:41:21	Dark	55.000	84	Alp Phe	2.3970	4500.0	110	43835	No
127	GOM_NL__2PRFIN20100719_094525_000000442091_00194_43835_3969.N1	19-JUL-2010 09:45:25	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	43835	No
128	GOM_NL__2PRFIN20100719_094653_000000612091_00194_43835_3970.N1	19-JUL-2010 09:46:53	Straylight	60.500	63	Bet Gru	2.1500	2800.0	121	43835	No
129	GOM_NL__2PRFIN20100719_094824_000000502091_00194_43835_3971.N1	19-JUL-2010 09:48:24	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	43835	No
130	GOM_NL__2PRFIN20100719_095137_000000522091_00194_43835_3972.N1	19-JUL-2010 09:51:37	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	43835	No
131	GOM_NL__2PRFIN20100719_100021_000000392091_00194_43835_3973.N1	19-JUL-2010 10:00:21	Bright	38.500	155	41Pi Sgr	2.9000	6600.0	77	43835	No
132	GOM_NL__2PRFIN20100719_101046_000000392091_00194_43835_3974.N1	19-JUL-2010 10:10:46	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	43835	No
133	GOM_NL__2PRFIN20100719_101750_000000412091_00194_43835_3975.N1	19-JUL-2010 10:17:50	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	43835	No
134	GOM_NL__2PRFIN20100719_102049_000000422091_00194_43835_3976.N1	19-JUL-2010 10:20:49	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	43835	No
135	GOM_NL__2PRFIN20100719_102255_000000502091_00194_43835_3977.N1	19-JUL-2010 10:22:55	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	43835	No
136	GOM_NL__2PRFIN20100719_102757_000000422091_00194_43835_3978.N1	19-JUL-2010 10:27:57	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43835	No
137	GOM_NL__2PRFIN20100719_103647_000000492091_00194_43835_3979.N1	19-JUL-2010 10:36:47	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	43835	No
138	GOM_NL__2PRFIN20100719_104205_000000572091_00194_43835_3980.N1	19-JUL-2010 10:42:05	Bright	57.000	160	23Gam Per	2.9300	4700.0	114	43835	No
139	GOM_NL__2PRFIN20100719_104330_000000492091_00194_43835_3981.N1	19-JUL-2010 10:43:30	Bright	49.000	35	33Alp Per	1.7950	6250.0	98	43835	No
140	GOM_NL__2PRFIN20100719_104629_000000502091_00194_43835_3982.N1	19-JUL-2010 10:46:29	Bright	50.000	79	26Bet Per	2.3100	13100.	100	43835	No
141	GOM_NL__2PRFIN20100719_104931_000000462091_00194_43835_3983.N1	19-JUL-2010 10:49:31	Twi_and_stray	46.000	150	44Zet Per	2.8900	28000.	92	43835	No
142	GOM_NL__2PRFIN20100719_105211_000000472091_00194_43835_3984.N1	19-JUL-2010 10:52:11	Twilight	47.000	146	25Eta Tau	2.8730	15200.	94	43835	No
143	GOM_NL__2PRFIN20100719_105345_000000512091_00194_43835_3985.N1	19-JUL-2010 10:53:45	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	43835	No
144	GOM_NL__2PRFIN20100719_110034_000000662091_00194_43835_3986.N1	19-JUL-2010 11:00:34	Dark	65.500	94	92Alp Cet	2.5260	3100.0	131	43835	No
145	GOM_NL__2PRFIN20100719_110324_000000412091_00194_43835_3987.N1	19-JUL-2010 11:03:24	Dark	41.000	165	34Gam Eri	2.9500	3200.0	82	43835	No
146	GOM_NL__2PRFIN20100719_111230_000000422091_00194_43835_3988.N1	19-JUL-2010 11:12:30	Dark	42.000	157	The1Eri	2.9060	9300.0	84	43835	No
147	GOM_NL__2PRFIN20100719_111836_000000422091_00195_43836_4046.N1	19-JUL-2010 11:18:36	Dark	41.500	9	Alp Eri	0.45300	24000.	83	43836	No
148	GOM_NL__2PRFIN20100719_112158_000000522091_00195_43836_4047.N1	19-JUL-2010 11:21:58	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	43836	No
149	GOM_NL__2PRFIN20100719_112602_000000462091_00195_43836_4048.N1	19-JUL-2010 11:26:02	Straylight	45.500	148	Alp Tuc	2.8780	4100.0	91	43836	No
150	GOM_NL__2PRFIN20100719_112729_000000612091_00195_43836_4049.N1	19-JUL-2010 11:27:29	Straylight	61.000	63	Bet Gru	2.1500	2800.0	122	43836	No
151	GOM_NL__2PRFIN20100719_112901_000000482091_00195_43836_4050.N1	19-JUL-2010 11:29:01	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	43836	No
152	GOM_NL__2PRFIN20100719_113214_000000502091_00195_43836_4051.N1	19-JUL-2010 11:32:14	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	43836	No
153	GOM_NL__2PRFIN20100719_115122_000000392091_00195_43836_4052.N1	19-JUL-2010 11:51:22	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	43836	No
154	GOM_NL__2PRFIN20100719_115825_000000402091_00195_43836_4053.N1	19-JUL-2010 11:58:25	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	43836	No
155	GOM_NL__2PRFIN20100719_120125_000000422091_00195_43836_4054.N1	19-JUL-2010 12:01:25	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	43836	No
156	GOM_NL__2PRFIN20100719_120330_000000492091_00195_43836_4055.N1	19-JUL-2010 12:03:30	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	43836	No
157	GOM_NL__2PRFIN20100719_120832_000000422091_00195_43836_4056.N1	19-JUL-2010 12:08:32	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43836	No
158	GOM_NL__2PRFIN20100719_121723_000000492091_00195_43836_4057.N1	19-JUL-2010 12:17:23	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	43836	No
159	GOM_NL__2PRFIN20100719_122241_000000422091_00195_43836_4058.N1	19-JUL-2010 12:22:41	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	43836	No
160	GOM_NL__2PRFIN20100719_122405_000000442091_00195_43836_4059.N1	19-JUL-2010 12:24:05	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	43836	No



161	GOM_NL__2PRFIN20100719_122705_000000512091_00195_43836_4060.N1	19-JUL-2010 12:27:05	Bright	51.000	79	26Bet Per	2.3100	13100.	102	43836	No
162	GOM_NL__2PRFIN20100719_123006_000000462091_00195_43836_4061.N1	19-JUL-2010 12:30:06	Twi_and_stray	46.000	150	44Zet Per	2.8900	28000.	92	43836	No
163	GOM_NL__2PRFIN20100719_123247_000000462091_00195_43836_4062.N1	19-JUL-2010 12:32:47	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	43836	No
164	GOM_NL__2PRFIN20100719_123421_000000472091_00195_43836_4063.N1	19-JUL-2010 12:34:21	Twilight	46.500	13	87Alp Tau	0.86700	3800.0	93	43836	No
165	GOM_NL__2PRFIN20100719_124110_000000632091_00195_43836_4064.N1	19-JUL-2010 12:41:10	Dark	63.000	94	92Alp Cet	2.5260	3100.0	126	43836	No
166	GOM_NL__2PRFIN20100719_124401_000000482091_00195_43836_4065.N1	19-JUL-2010 12:44:01	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	43836	No
167	GOM_NL__2PRFIN20100719_125308_000000432091_00195_43836_4066.N1	19-JUL-2010 12:53:08	Dark	42.500	157	The1Eri	2.9060	9300.0	85	43836	No
168	GOM_NL__2PRFIN20100719_125912_000000442091_00196_43837_4087.N1	19-JUL-2010 12:59:12	Dark	43.500	9	Alp Eri	0.45300	24000.	87	43837	No
169	GOM_NL__2PRFIN20100719_130235_000000542091_00196_43837_4088.N1	19-JUL-2010 13:02:35	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	43837	No
170	GOM_NL__2PRFIN20100719_130638_000000402091_00196_43837_4089.N1	19-JUL-2010 13:06:38	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	43837	No
171	GOM_NL__2PRFIN20100719_130806_000000562091_00196_43837_4090.N1	19-JUL-2010 13:08:06	Straylight	55.500	63	Bet Gru	2.1500	2800.0	111	43837	No
172	GOM_NL__2PRFIN20100719_130937_000000492091_00196_43837_4091.N1	19-JUL-2010 13:09:37	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43837	No
173	GOM_NL__2PRFIN20100719_131250_000000512091_00196_43837_4092.N1	19-JUL-2010 13:12:50	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	43837	No
174	GOM_NL__2PRFIN20100719_133158_000000392091_00196_43837_4093.N1	19-JUL-2010 13:31:58	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	43837	No
175	GOM_NL__2PRFIN20100719_133901_000000402091_00196_43837_4094.N1	19-JUL-2010 13:39:01	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	43837	No
176	GOM_NL__2PRFIN20100719_134200_000000432091_00196_43837_4095.N1	19-JUL-2010 13:42:00	Bright	43.000	144	18Del Cyg	2.8600	11000.	86	43837	No
177	GOM_NL__2PRFIN20100719_134405_000000512091_00196_43837_4096.N1	19-JUL-2010 13:44:05	Bright	50.500	19	50Alp Cyg	1.2460	10500.	101	43837	No
178	GOM_NL__2PRFIN20100719_134907_000000442091_00196_43837_4097.N1	19-JUL-2010 13:49:07	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43837	No
179	GOM_NL__2PRFIN20100719_140317_000000442091_00196_43837_4098.N1	19-JUL-2010 14:03:17	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	43837	No
180	GOM_NL__2PRFIN20100719_140441_000000452091_00196_43837_4099.N1	19-JUL-2010 14:04:41	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	43837	No
181	GOM_NL__2PRFIN20100719_140741_000000522091_00196_43837_4100.N1	19-JUL-2010 14:07:41	Bright	51.500	79	26Bet Per	2.3100	13100.	103	43837	No
182	GOM_NL__2PRFIN20100719_141043_000000472091_00196_43837_4101.N1	19-JUL-2010 14:10:43	Twi_and_stray	46.500	150	44Zet Per	2.8900	28000.	93	43837	No
183	GOM_NL__2PRFIN20100719_141323_000000482091_00196_43837_4102.N1	19-JUL-2010 14:13:23	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	43837	No
184	GOM_NL__2PRFIN20100719_141457_000000552091_00196_43837_4103.N1	19-JUL-2010 14:14:57	Twilight	55.000	13	87Alp Tau	0.86700	3800.0	110	43837	No
185	GOM_NL__2PRFIN20100719_142147_000000612091_00196_43837_4104.N1	19-JUL-2010 14:21:47	Dark	61.000	94	92Alp Cet	2.5260	3100.0	122	43837	No
186	GOM_NL__2PRFIN20100719_142437_000000522091_00196_43837_4105.N1	19-JUL-2010 14:24:37	Dark	51.500	165	34Gam Eri	2.9500	3200.0	103	43837	No
187	GOM_NL__2PRFIN20100719_143344_000000412091_00196_43837_4106.N1	19-JUL-2010 14:33:44	Dark	41.000	157	The1Eri	2.9060	9300.0	82	43837	No
188	GOM_NL__2PRFIN20100719_143949_000000442091_00197_43838_4118.N1	19-JUL-2010 14:39:49	Dark	43.500	9	Alp Eri	0.45300	24000.	87	43838	No
189	GOM_NL__2PRFIN20100719_144312_000000532091_00197_43838_4119.N1	19-JUL-2010 14:43:12	Dark	52.500	84	Alp Phe	2.3970	4500.0	105	43838	No
190	GOM_NL__2PRFIN20100719_144714_000000422091_00197_43838_4120.N1	19-JUL-2010 14:47:14	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	43838	No
191	GOM_NL__2PRFIN20100719_144843_000000572091_00197_43838_4121.N1	19-JUL-2010 14:48:43	Straylight	57.000	63	Bet Gru	2.1500	2800.0	114	43838	No
192	GOM_NL__2PRFIN20100719_145014_000000502091_00197_43838_4122.N1	19-JUL-2010 14:50:14	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	43838	No
193	GOM_NL__2PRFIN20100719_145327_000000502091_00197_43838_4123.N1	19-JUL-2010 14:53:27	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	43838	No
194	GOM_NL__2PRFIN20100719_151233_000000382091_00197_43838_4124.N1	19-JUL-2010 15:12:33	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	43838	No
195	GOM_NL__2PRFIN20100719_151937_000000422091_00197_43838_4125.N1	19-JUL-2010 15:19:37	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	43838	No
196	GOM_NL__2PRFIN20100719_152236_000000422091_00197_43838_4126.N1	19-JUL-2010 15:22:36	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	43838	No
197	GOM_NL__2PRFIN20100719_152440_000000502091_00197_43838_4127.N1	19-JUL-2010 15:24:40	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	43838	No
198	GOM_NL__2PRFIN20100719_152943_000000402091_00197_43838_4128.N1	19-JUL-2010 15:29:43	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	43838	No
199	GOM_NL__2PRFIN20100719_153833_000000482091_00197_43838_4129.N1	19-JUL-2010 15:38:33	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43838	No
200	GOM_NL__2PRFIN20100719_154353_000000432091_00197_43838_4130.N1	19-JUL-2010 15:43:53	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	43838	No
201	GOM_NL__2PRFIN20100719_154517_000000442091_00197_43838_4131.N1	19-JUL-2010 15:45:17	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	43838	No
202	GOM_NL__2PRFIN20100719_154817_000000502091_00197_43838_4132.N1	19-JUL-2010 15:48:17	Bright	49.500	79	26Bet Per	2.3100	13100.	99	43838	No
203	GOM_NL__2PRFIN20100719_155119_000000452091_00197_43838_4133.N1	19-JUL-2010 15:51:19	Twi_and_stray	45.000	150	44Zet Per	2.8900	28000.	90	43838	No
204	GOM_NL__2PRFIN20100719_155359_000000472091_00197_43838_4134.N1	19-JUL-2010 15:53:59	Twilight	47.000	146	25Eta Tau	2.8730	15200.	94	43838	No
205	GOM_NL__2PRFIN20100719_155534_000000552091_00197_43838_4135.N1	19-JUL-2010 15:55:34	Twilight	54.500	13	87Alp Tau	0.86700	3800.0	109	43838	No
206	GOM_NL__2PRFIN20100719_160224_000000642091_00197_43838_4136.N1	19-JUL-2010 16:02:24	Dark	63.500	94	92Alp Cet	2.5260	3100.0	127	43838	No
207	GOM_NL__2PRFIN20100719_160514_000000472091_00197_43838_4137.N1	19-JUL-2010 16:05:14	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	43838	No
208	GOM_NL__2PRFIN20100719_161420_000000432091_00197_43838_4138.N1	19-JUL-2010 16:14:20	Dark	42.500	157	The1Eri	2.9060	9300.0	85	43838	No
209	GOM_NL__2PRFIN20100719_162025_000000442091_00198_43839_4147.N1	19-JUL-2010 16:20:25	Dark	43.500	9	Alp Eri	0.45300	24000.	87	43839	No
210	GOM_NL__2PRFIN20100719_162349_000000552091_00198_43839_4148.N1	19-JUL-2010 16:23:49	Dark	55.000	84	Alp Phe	2.3970	4500.0	110	43839	No
211	GOM_NL__2PRFIN20100719_162751_000000422091_00198_43839_4149.N1	19-JUL-2010 16:27:51	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	43839	No
212	GOM_NL__2PRFIN20100719_162920_000000512091_00198_43839_4150.N1	19-JUL-2010 16:29:20	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	43839	No
213	GOM_NL__2PRFIN20100719_163050_000000462091_00198_43839_4151.N1	19-JUL-2010 16:30:50	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	43839	No
214	GOM_NL__2PRFIN20100719_163404_000000492091_00198_43839_4152.N1	19-JUL-2010 16:34:04	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	43839	No
215	GOM_NL__2PRFIN20100719_165309_000000392091_00198_43839_4153.N1	19-JUL-2010 16:53:09	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	43839	No
216	GOM_NL__2PRFIN20100719_170013_000000412091_00198_43839_4154.N1	19-JUL-2010 17:00:13	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	43839	No
217	GOM_NL__2PRFIN20100719_170311_000000422091_00198_43839_4155.N1	19-JUL-2010 17:03:11	Bright	42.000	144	18Del Cyg	2.8600	11000.	84	43839	No
218	GOM_NL__2PRFIN20100719_170515_000000492091_00198_43839_4156.N1	19-JUL-2010 17:05:15	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	43839	No
219	GOM_NL__2PRFIN20100719_171018_000000432091_00198_43839_4157.N1	19-JUL-2010 17:10:18	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43839	No

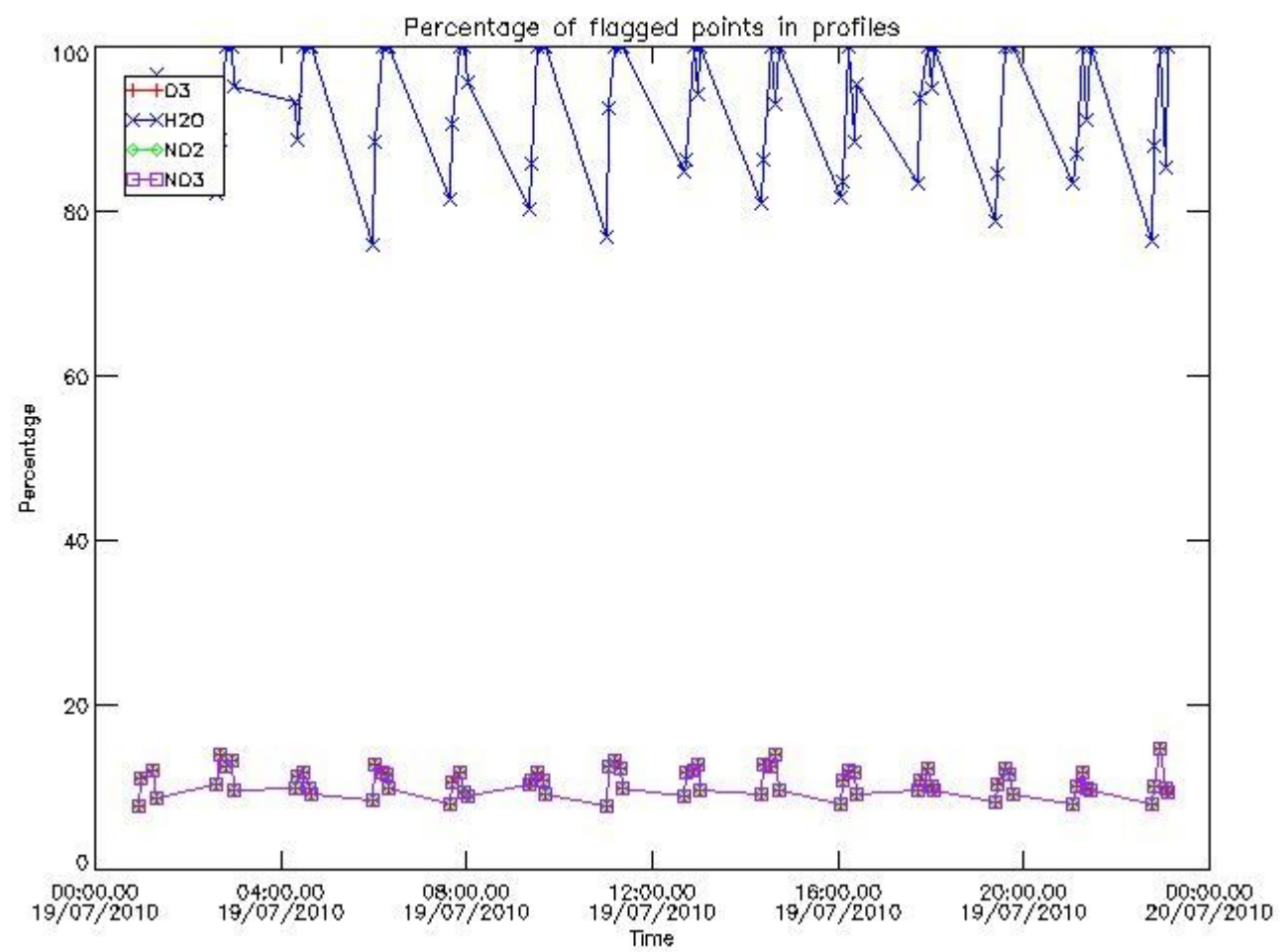
220	GOM_NL__2PRFIN20100719_171909_000000492091_00198_43839_4158.N1	19-JUL-2010 17:19:09	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	43839	No
221	GOM_NL__2PRFIN20100719_172428_000000602091_00198_43839_4159.N1	19-JUL-2010 17:24:28	Bright	59.500	160	23Gam Per	2.9300	4700.0	119	43839	No
222	GOM_NL__2PRFIN20100719_172553_000000452091_00198_43839_4160.N1	19-JUL-2010 17:25:53	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	43839	No
223	GOM_NL__2PRFIN20100719_172853_000000542091_00198_43839_4161.N1	19-JUL-2010 17:28:53	Bright	53.500	79	26Bet Per	2.3100	13100.	107	43839	No
224	GOM_NL__2PRFIN20100719_173155_000000452091_00198_43839_4162.N1	19-JUL-2010 17:31:55	Twi_and_stray	44.500	150	44Zet Per	2.8900	28000.	89	43839	No
225	GOM_NL__2PRFIN20100719_173435_000000472091_00198_43839_4163.N1	19-JUL-2010 17:34:35	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	43839	No
226	GOM_NL__2PRFIN20100719_173610_000000542091_00198_43839_4164.N1	19-JUL-2010 17:36:10	Twilight	54.000	13	87Alp Tau	0.86700	3800.0	108	43839	No
227	GOM_NL__2PRFIN20100719_174301_000000642091_00198_43839_4165.N1	19-JUL-2010 17:43:01	Dark	64.000	94	92Alp Cet	2.5260	3100.0	128	43839	No
228	GOM_NL__2PRFIN20100719_174550_000000482091_00198_43839_4166.N1	19-JUL-2010 17:45:50	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	43839	No
229	GOM_NL__2PRFIN20100719_175457_000000422091_00198_43839_4167.N1	19-JUL-2010 17:54:57	Dark	41.500	157	The1Eri	2.9060	9300.0	83	43839	No
230	GOM_NL__2PRFIN20100719_180102_000000502091_00199_43840_4169.N1	19-JUL-2010 18:01:02	Dark	50.000	9	Alp Eri	0.45300	24000.	100	43840	No
231	GOM_NL__2PRFIN20100719_180426_000000532091_00199_43840_4170.N1	19-JUL-2010 18:04:26	Dark	52.500	84	Alp Phe	2.3970	4500.0	105	43840	No
232	GOM_NL__2PRFIN20100719_180827_000000432091_00199_43840_4171.N1	19-JUL-2010 18:08:27	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	43840	No
233	GOM_NL__2PRFIN20100719_180957_000000492091_00199_43840_4172.N1	19-JUL-2010 18:09:57	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	43840	No
234	GOM_NL__2PRFIN20100719_181127_000000472091_00199_43840_4173.N1	19-JUL-2010 18:11:27	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	43840	No
235	GOM_NL__2PRFIN20100719_181440_000000502091_00199_43840_4174.N1	19-JUL-2010 18:14:40	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	43840	No
236	GOM_NL__2PRFIN20100719_183345_000000382091_00199_43840_4175.N1	19-JUL-2010 18:33:45	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	43840	No
237	GOM_NL__2PRFIN20100719_184049_000000382091_00199_43840_4176.N1	19-JUL-2010 18:40:49	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	43840	No
238	GOM_NL__2PRFIN20100719_184346_000000412091_00199_43840_4177.N1	19-JUL-2010 18:43:46	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	43840	No
239	GOM_NL__2PRFIN20100719_184550_000000502091_00199_43840_4178.N1	19-JUL-2010 18:45:50	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	43840	No
240	GOM_NL__2PRFIN20100719_185053_000000442091_00199_43840_4179.N1	19-JUL-2010 18:50:53	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43840	No
241	GOM_NL__2PRFIN20100719_185944_000000502091_00199_43840_4180.N1	19-JUL-2010 18:59:44	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	43840	No
242	GOM_NL__2PRFIN20100719_190504_000000442091_00199_43840_4181.N1	19-JUL-2010 19:05:04	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	43840	No
243	GOM_NL__2PRFIN20100719_190629_000000452091_00199_43840_4182.N1	19-JUL-2010 19:06:29	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	43840	No
244	GOM_NL__2PRFIN20100719_190929_000000482091_00199_43840_4183.N1	19-JUL-2010 19:09:29	Bright	48.000	79	26Bet Per	2.3100	13100.	96	43840	No
245	GOM_NL__2PRFIN20100719_191231_000000472091_00199_43840_4184.N1	19-JUL-2010 19:12:31	Twi_and_stray	47.000	150	44Zet Per	2.8900	28000.	94	43840	No
246	GOM_NL__2PRFIN20100719_191511_000000462091_00199_43840_4185.N1	19-JUL-2010 19:15:11	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	43840	No
247	GOM_NL__2PRFIN20100719_191646_000000502091_00199_43840_4186.N1	19-JUL-2010 19:16:46	Twilight	50.000	13	87Alp Tau	0.86700	3800.0	100	43840	No
248	GOM_NL__2PRFIN20100719_192338_000000622091_00199_43840_4187.N1	19-JUL-2010 19:23:38	Dark	62.000	94	92Alp Cet	2.5260	3100.0	124	43840	No
249	GOM_NL__2PRFIN20100719_192627_000000492091_00199_43840_4188.N1	19-JUL-2010 19:26:27	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	43840	No
250	GOM_NL__2PRFIN20100719_193534_000000422091_00199_43840_4189.N1	19-JUL-2010 19:35:34	Dark	41.500	157	The1Eri	2.9060	9300.0	83	43840	No
251	GOM_NL__2PRFIN20100719_194138_000000452091_00200_43841_4212.N1	19-JUL-2010 19:41:38	Dark	44.500	9	Alp Eri	0.45300	24000.	89	43841	No
252	GOM_NL__2PRFIN20100719_194503_000000562091_00200_43841_4213.N1	19-JUL-2010 19:45:03	Dark	55.500	84	Alp Phe	2.3970	4500.0	111	43841	No
253	GOM_NL__2PRFIN20100719_194904_000000412091_00200_43841_4214.N1	19-JUL-2010 19:49:04	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43841	No
254	GOM_NL__2PRFIN20100719_195033_000000502091_00200_43841_4215.N1	19-JUL-2010 19:50:33	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	43841	No
255	GOM_NL__2PRFIN20100719_195203_000000512091_00200_43841_4216.N1	19-JUL-2010 19:52:03	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	43841	No
256	GOM_NL__2PRFIN20100719_195517_000000502091_00200_43841_4217.N1	19-JUL-2010 19:55:17	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	43841	No
257	GOM_NL__2PRFIN20100719_201421_000000392091_00200_43841_4218.N1	19-JUL-2010 20:14:21	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	43841	No
258	GOM_NL__2PRFIN20100719_202124_000000412091_00200_43841_4219.N1	19-JUL-2010 20:21:24	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43841	No
259	GOM_NL__2PRFIN20100719_202422_000000432091_00200_43841_4220.N1	19-JUL-2010 20:24:22	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	43841	No
260	GOM_NL__2PRFIN20100719_202626_000000492091_00200_43841_4221.N1	19-JUL-2010 20:26:26	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	43841	No
261	GOM_NL__2PRFIN20100719_203129_000000442091_00200_43841_4222.N1	19-JUL-2010 20:31:29	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43841	No
262	GOM_NL__2PRFIN20100719_204020_000000502091_00200_43841_4223.N1	19-JUL-2010 20:40:20	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	43841	No
263	GOM_NL__2PRFIN20100719_204540_000000622091_00200_43841_4224.N1	19-JUL-2010 20:45:40	Bright	62.000	160	23Gam Per	2.9300	4700.0	124	43841	No
264	GOM_NL__2PRFIN20100719_204705_000000452091_00200_43841_4225.N1	19-JUL-2010 20:47:05	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	43841	No
265	GOM_NL__2PRFIN20100719_205005_000000502091_00200_43841_4226.N1	19-JUL-2010 20:50:05	Bright	50.000	79	26Bet Per	2.3100	13100.	100	43841	No
266	GOM_NL__2PRFIN20100719_205307_000000472091_00200_43841_4227.N1	19-JUL-2010 20:53:07	Twi_and_stray	46.500	150	44Zet Per	2.8900	28000.	93	43841	No
267	GOM_NL__2PRFIN20100719_205548_000000452091_00200_43841_4228.N1	19-JUL-2010 20:55:48	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	43841	No
268	GOM_NL__2PRFIN20100719_205722_000000492091_00200_43841_4229.N1	19-JUL-2010 20:57:22	Twilight	49.000	13	87Alp Tau	0.86700	3800.0	98	43841	No
269	GOM_NL__2PRFIN20100719_210414_000000642091_00200_43841_4230.N1	19-JUL-2010 21:04:14	Dark	63.500	94	92Alp Cet	2.5260	3100.0	127	43841	No
270	GOM_NL__2PRFIN20100719_210703_000000502091_00200_43841_4231.N1	19-JUL-2010 21:07:03	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	43841	No
271	GOM_NL__2PRFIN20100719_211611_000000432091_00200_43841_4232.N1	19-JUL-2010 21:16:11	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43841	No
272	GOM_NL__2PRFIN20100719_212215_000000512091_00201_43842_4226.N1	19-JUL-2010 21:22:15	Dark	51.000	9	Alp Eri	0.45300	24000.	102	43842	No
273	GOM_NL__2PRFIN20100719_212540_000000532091_00201_43842_4227.N1	19-JUL-2010 21:25:40	Dark	52.500	84	Alp Phe	2.3970	4500.0	105	43842	No
274	GOM_NL__2PRFIN20100719_212940_000000422091_00201_43842_4228.N1	19-JUL-2010 21:29:40	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	43842	No
275	GOM_NL__2PRFIN20100719_213110_000000492091_00201_43842_4229.N1	19-JUL-2010 21:31:10	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	43842	No
276	GOM_NL__2PRFIN20100719_213240_000000532091_00201_43842_4230.N1	19-JUL-2010 21:32:40	Straylight	53.000	31	Alp Gru	1.7340	15200.	106	43842	No
277	GOM_NL__2PRFIN20100719_213554_000000502091_00201_43842_4231.N1	19-JUL-2010 21:35:54	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	43842	No
278	GOM_NL__2PRFIN20100719_215457_000000382091_00201_43842_4232.N1	19-JUL-2010 21:54:57	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	43842	No

279	GOM_NL__2PRFIN20100719_220200_000000392091_00201_43842_4233.N1	19-JUL-2010 22:02:00	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	43842	No
280	GOM_NL__2PRFIN20100719_220457_000000402091_00201_43842_4234.N1	19-JUL-2010 22:04:57	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	43842	No
281	GOM_NL__2PRFIN20100719_220701_000000492091_00201_43842_4235.N1	19-JUL-2010 22:07:01	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	43842	No
282	GOM_NL__2PRFIN20100719_221204_000000452091_00201_43842_4236.N1	19-JUL-2010 22:12:04	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43842	No
283	GOM_NL__2PRFIN20100719_222055_000000502091_00201_43842_4237.N1	19-JUL-2010 22:20:55	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	43842	No
284	GOM_NL__2PRFIN20100719_222615_000000422091_00201_43842_4238.N1	19-JUL-2010 22:26:15	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	43842	No
285	GOM_NL__2PRFIN20100719_222740_000000452091_00201_43842_4239.N1	19-JUL-2010 22:27:40	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	43842	No
286	GOM_NL__2PRFIN20100719_223040_000000522091_00201_43842_4240.N1	19-JUL-2010 22:30:40	Bright	52.000	79	26Bet Per	2.3100	13100.	104	43842	No
287	GOM_NL__2PRFIN20100719_223343_000000462091_00201_43842_4241.N1	19-JUL-2010 22:33:43	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	43842	No
288	GOM_NL__2PRFIN20100719_223624_000000482091_00201_43842_4242.N1	19-JUL-2010 22:36:24	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	43842	No
289	GOM_NL__2PRFIN20100719_223759_000000502091_00201_43842_4243.N1	19-JUL-2010 22:37:59	Twilight	50.000	13	87Alp Tau	0.86700	3800.0	100	43842	No
290	GOM_NL__2PRFIN20100719_224451_000000642091_00201_43842_4244.N1	19-JUL-2010 22:44:51	Dark	64.000	94	92Alp Cet	2.5260	3100.0	128	43842	No
291	GOM_NL__2PRFIN20100719_224740_000000502091_00201_43842_4245.N1	19-JUL-2010 22:47:40	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	43842	No
292	GOM_NL__2PRFIN20100719_225647_000000422091_00201_43842_4246.N1	19-JUL-2010 22:56:47	Dark	41.500	157	The1Eri	2.9060	9300.0	83	43842	No
293	GOM_NL__2PRFIN20100719_230251_000000522091_00202_43843_4240.N1	19-JUL-2010 23:02:51	Dark	51.500	9	Alp Eri	0.45300	24000.	103	43843	No
294	GOM_NL__2PRFIN20100719_230617_000000542091_00202_43843_4241.N1	19-JUL-2010 23:06:17	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	43843	No
295	GOM_NL__2PRFIN20100719_231017_000000432091_00202_43843_4242.N1	19-JUL-2010 23:10:17	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	43843	No
296	GOM_NL__2PRFIN20100719_231147_000000622091_00202_43843_4243.N1	19-JUL-2010 23:11:47	Straylight	61.500	63	Bet Gru	2.1500	2800.0	123	43843	No
297	GOM_NL__2PRFIN20100719_231316_000000552091_00202_43843_4244.N1	19-JUL-2010 23:13:16	Straylight	54.500	31	Alp Gru	1.7340	15200.	109	43843	No
298	GOM_NL__2PRFIN20100719_231630_000000492091_00202_43843_4245.N1	19-JUL-2010 23:16:30	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	43843	No
299	GOM_NL__2PRFIN20100719_233532_000000402091_00202_43843_4246.N1	19-JUL-2010 23:35:32	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	43843	No
300	GOM_NL__2PRFIN20100719_234236_000000402091_00202_43843_4247.N1	19-JUL-2010 23:42:36	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	43843	No
301	GOM_NL__2PRFIN20100719_234533_000000432091_00202_43843_4248.N1	19-JUL-2010 23:45:33	Bright	42.500	144	18Del Cyg	2.8600	11000.	85	43843	No
302	GOM_NL__2PRFIN20100719_234736_000000492091_00202_43843_4249.N1	19-JUL-2010 23:47:36	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	43843	No
303	GOM_NL__2PRFIN20100719_235239_000000442091_00202_43843_4250.N1	19-JUL-2010 23:52:39	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43843	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.

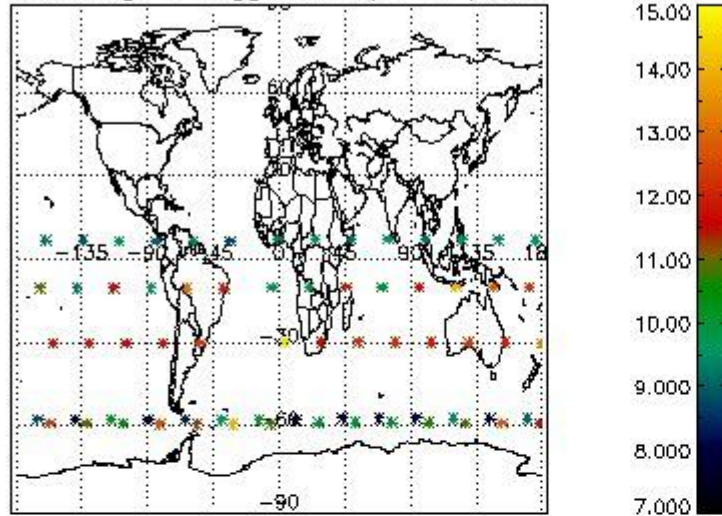
#### 3.1 Plot quality information per product (time dependant)



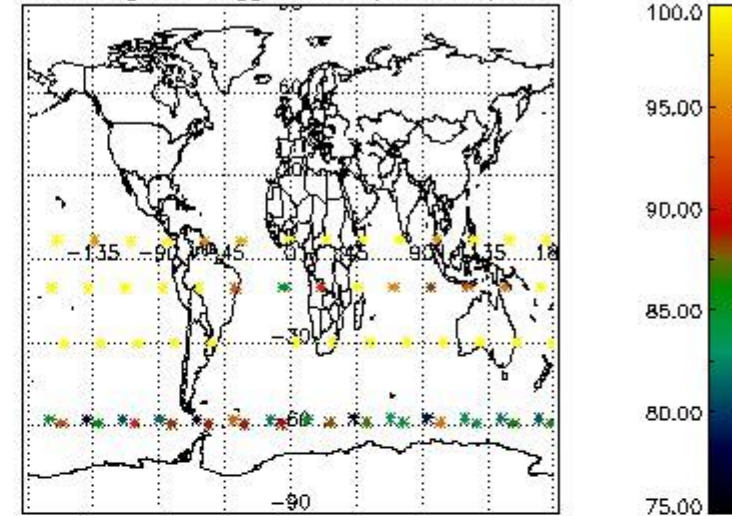
3.2 Plot quality information per product (world map)



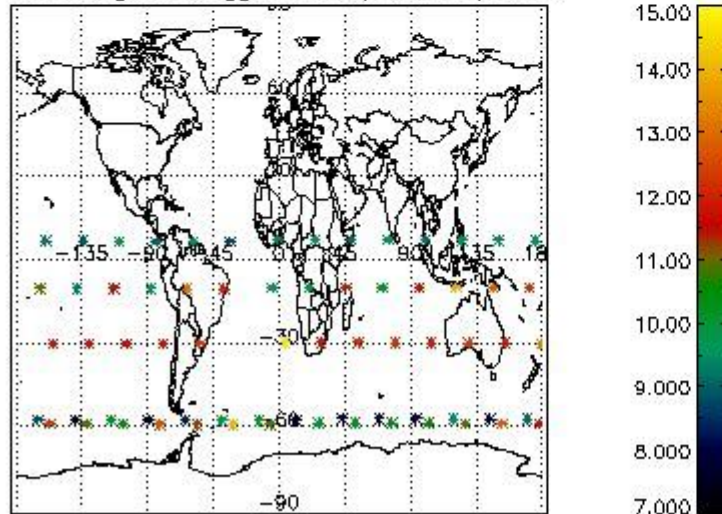
Percentage of flagged data per O3 profile



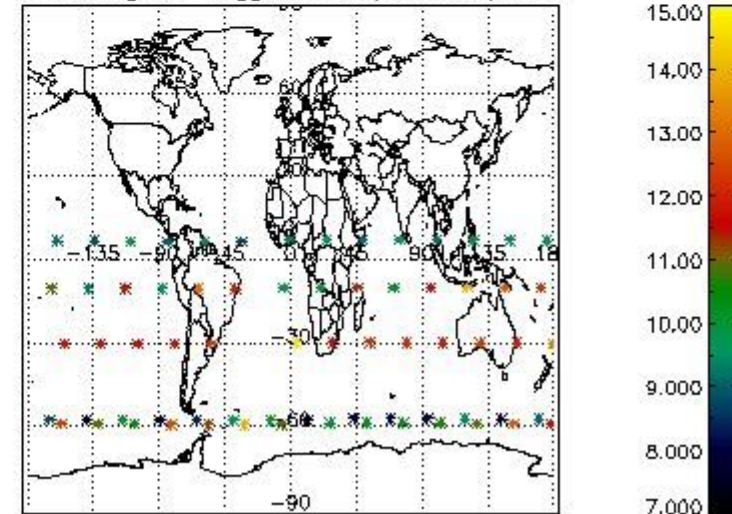
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

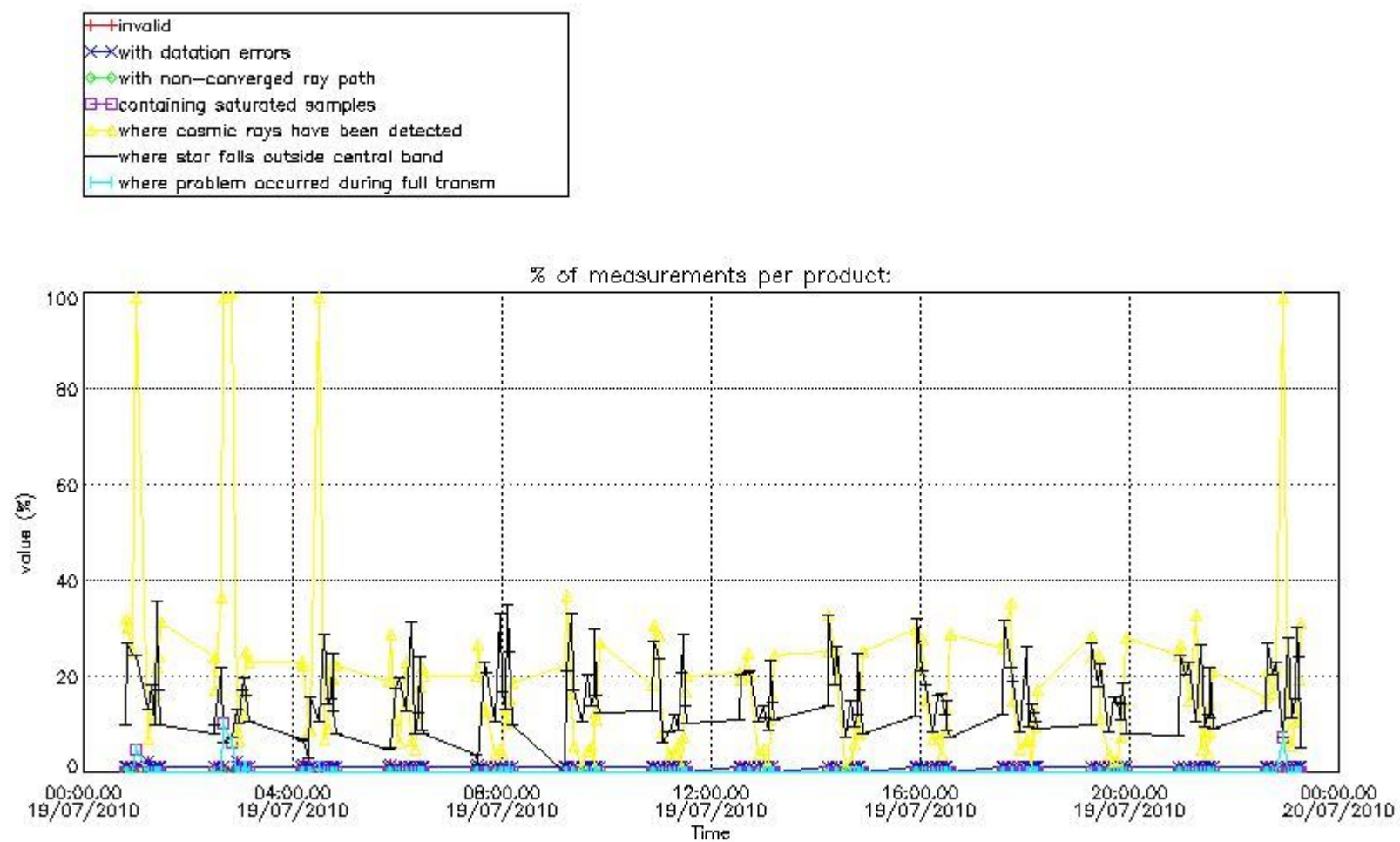


#### 4. Level 1 quality information per product

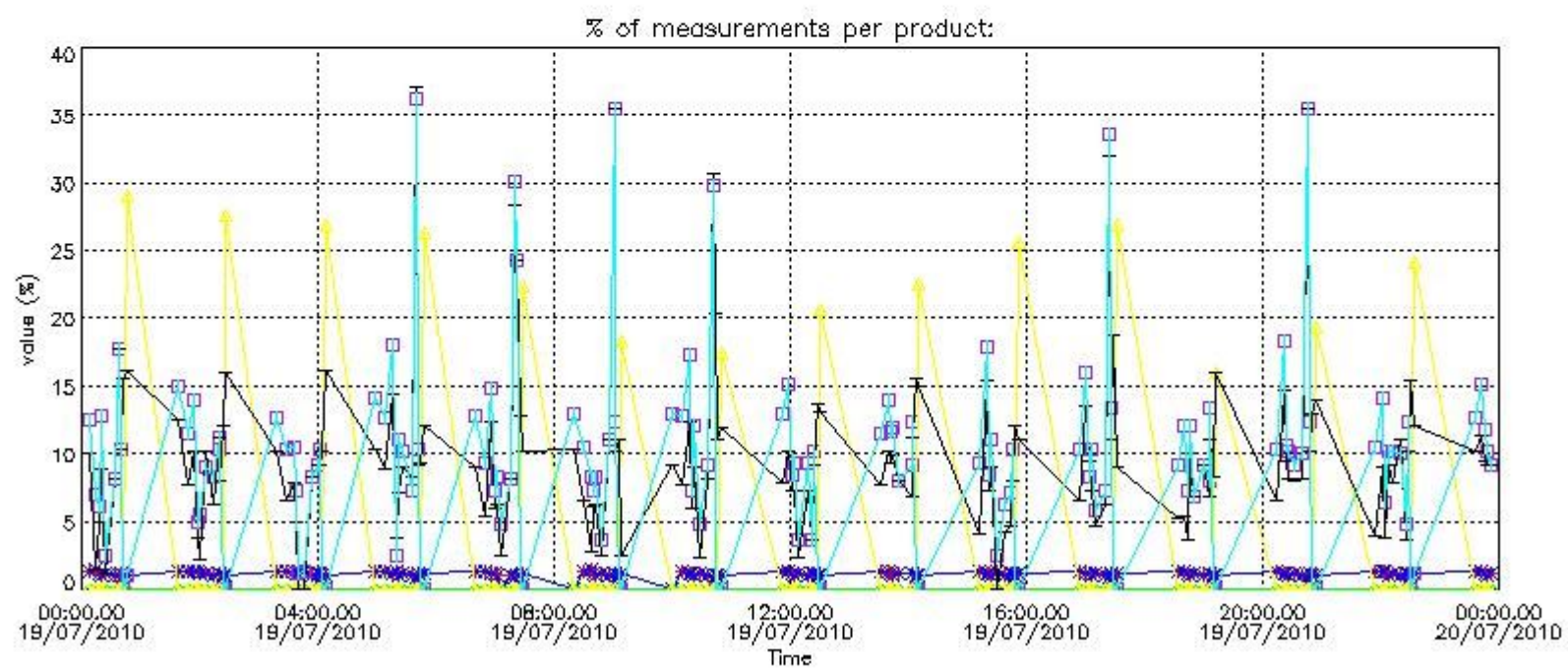
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

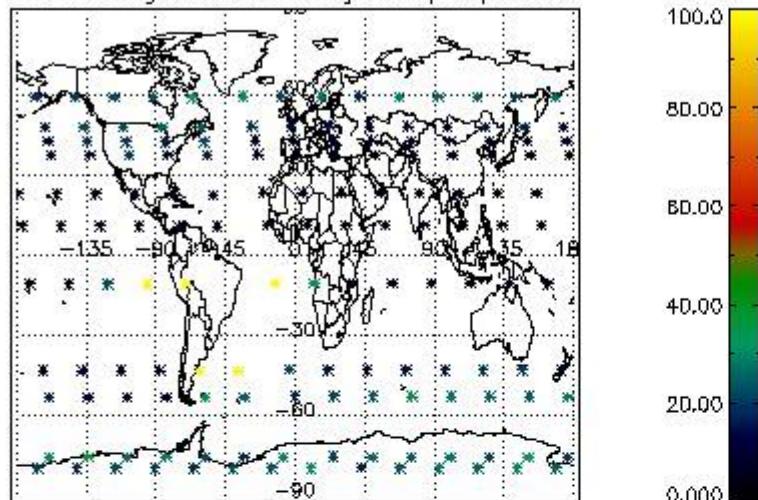


#### 4.2 Plot quality information per product coming from level 1b processing (world map)

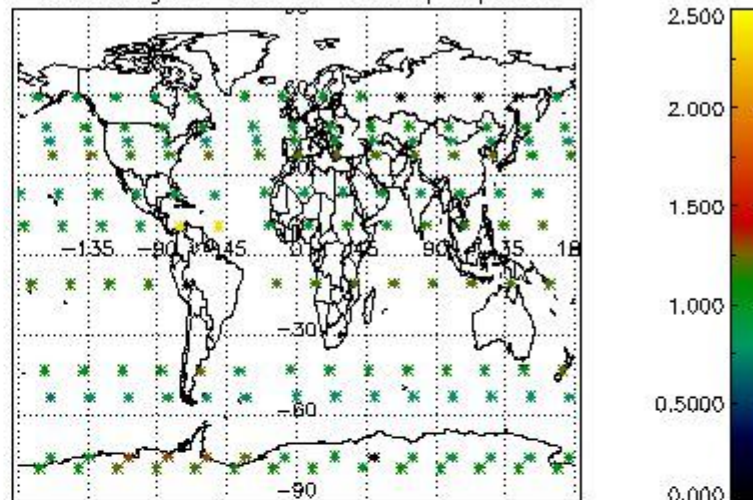
##### 4.2.1 Plot level 1 quality information per product (world map): ENVI SAT ASCENDING passes



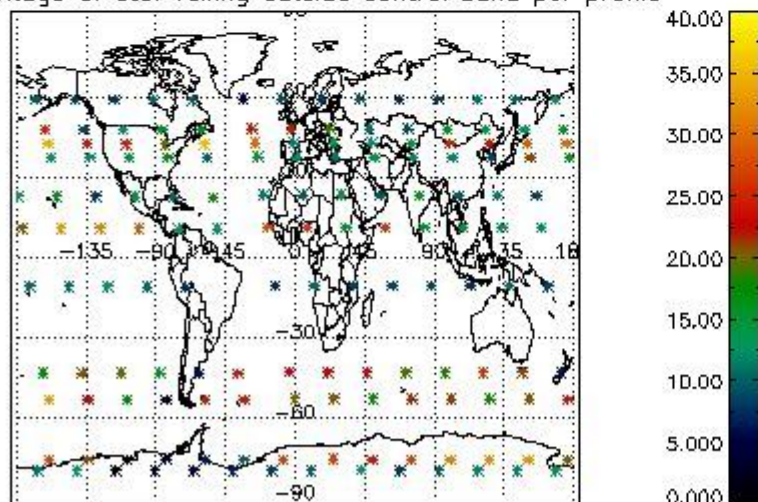
Percentage of cosmic ray hits per profile



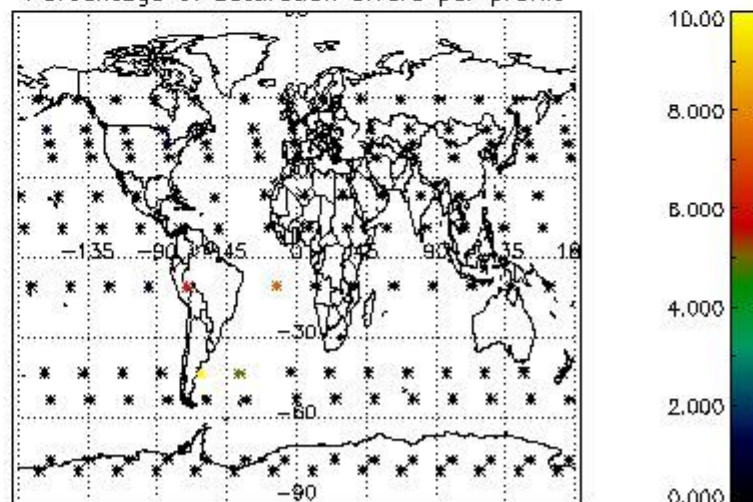
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

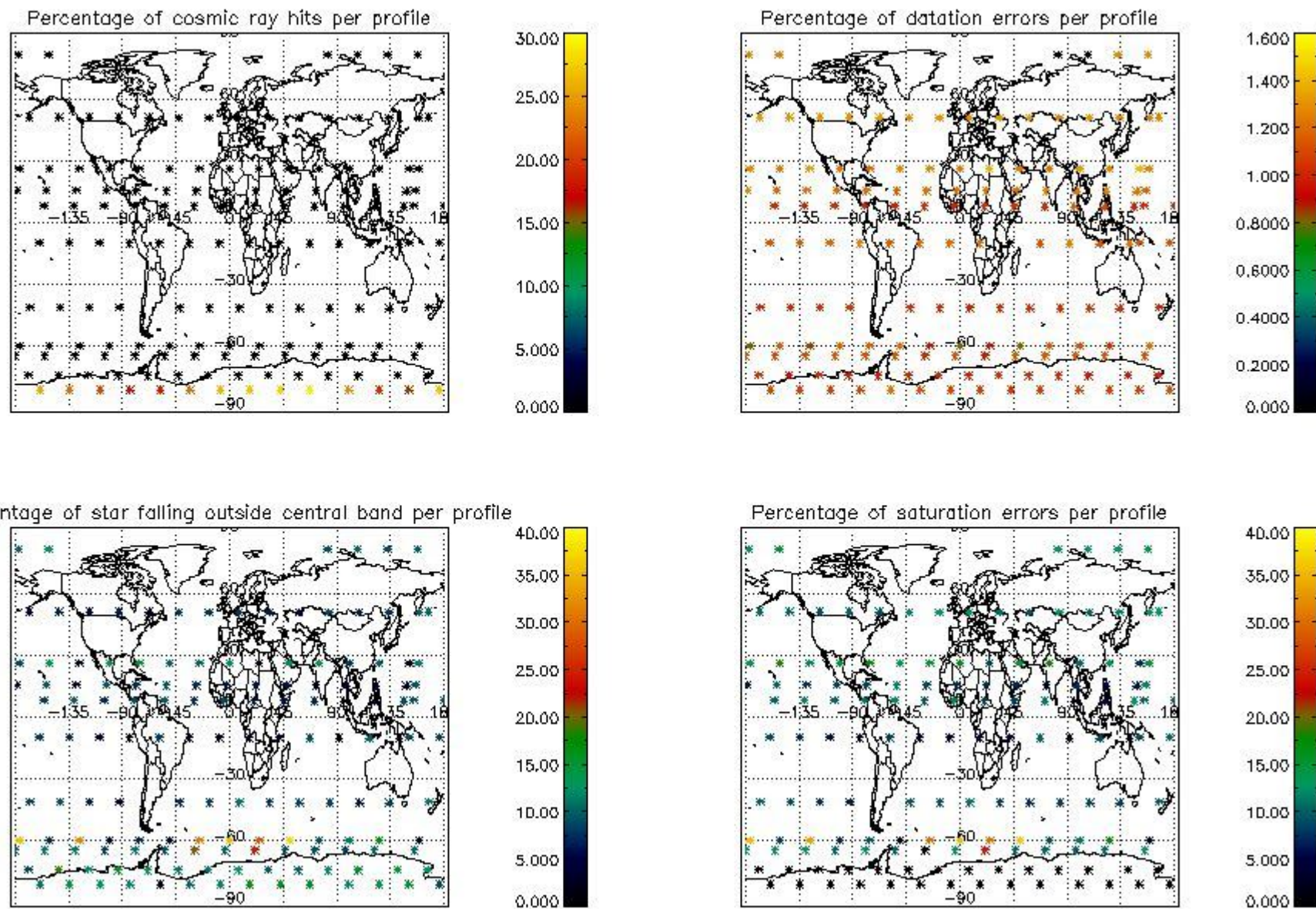


Percentage of saturation errors per profile



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

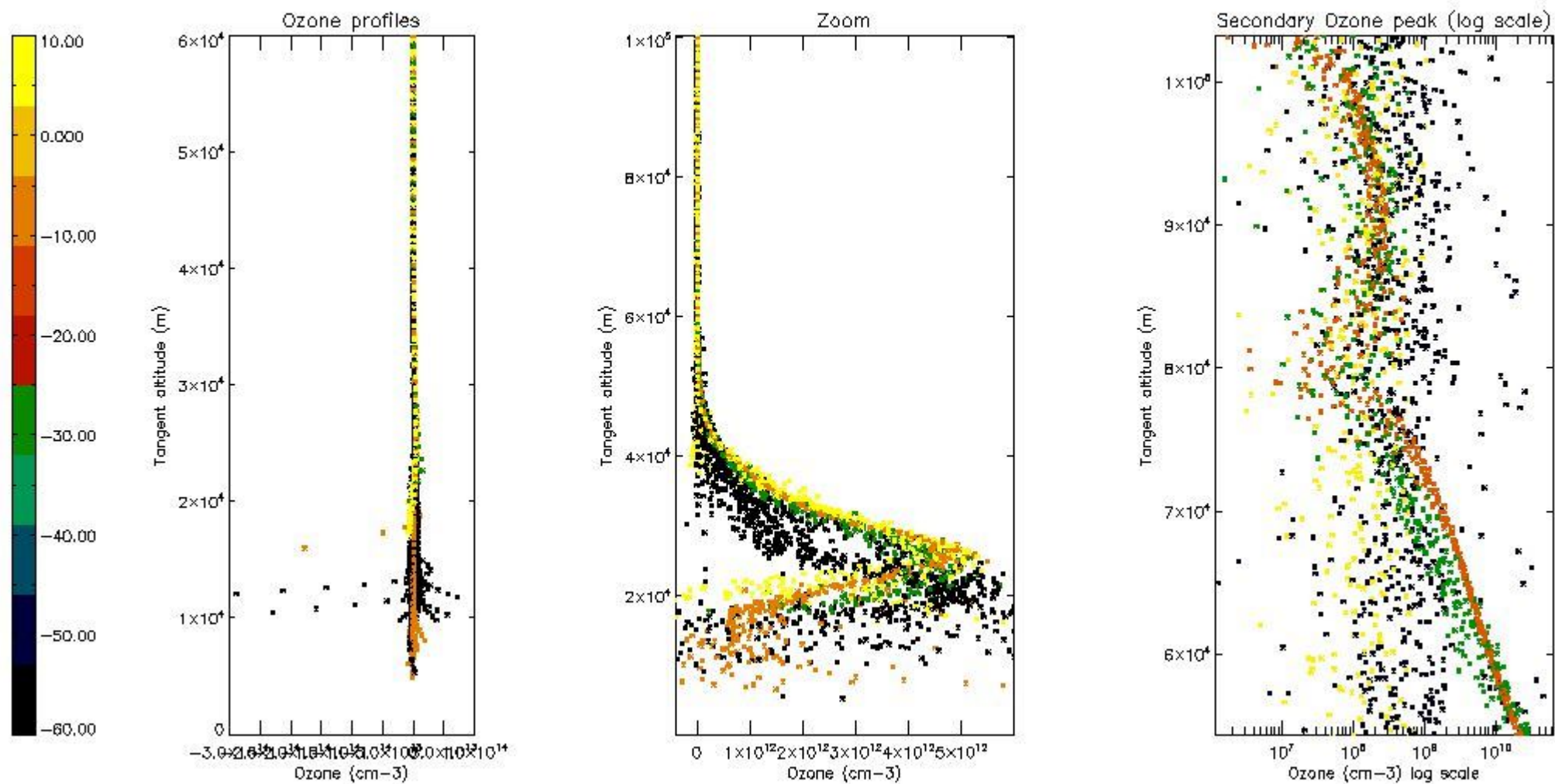
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	25
STD < 20	8

STD < 10	5
STD < 5	2

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

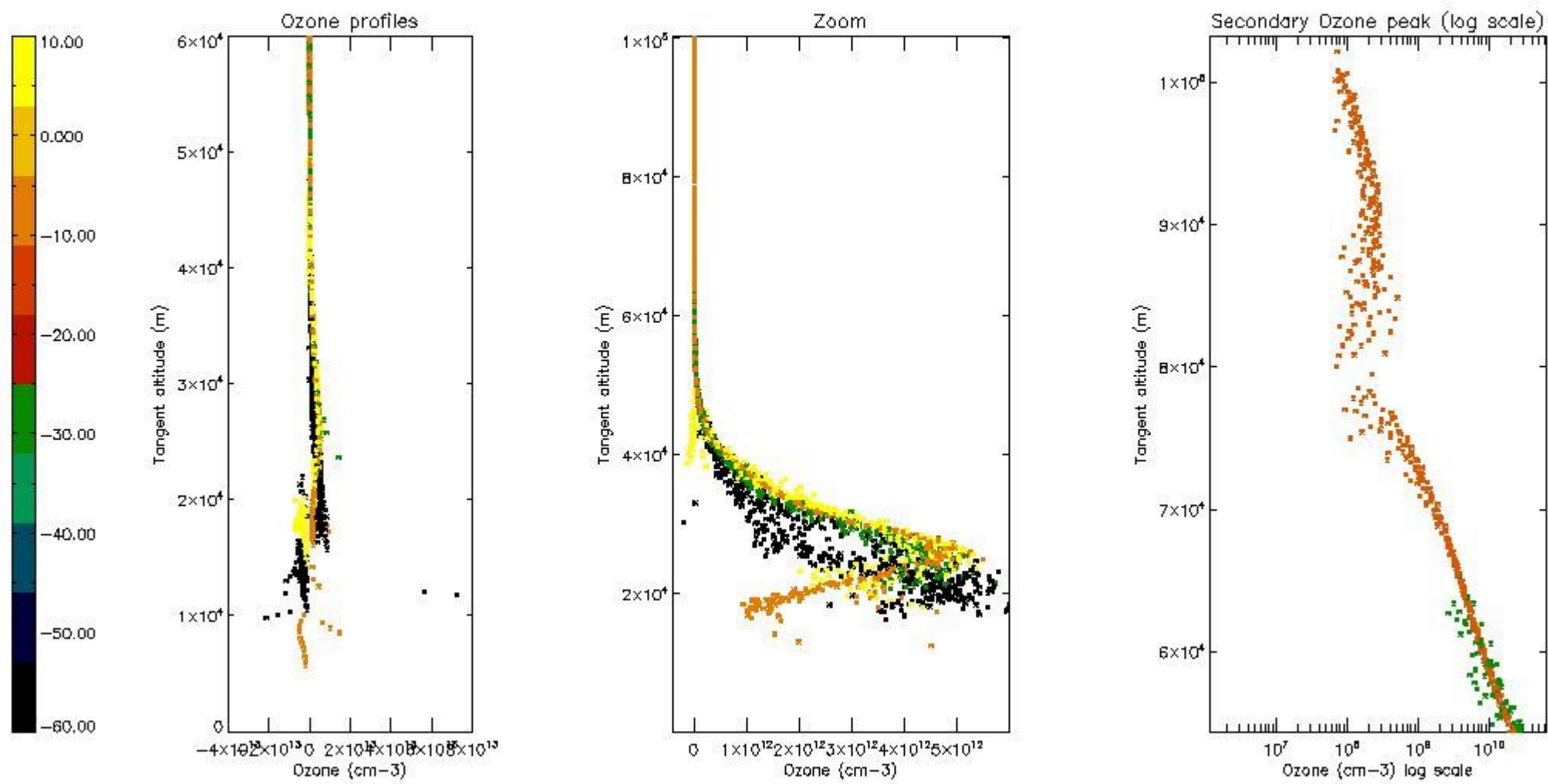
The colorbar represents the latitude.



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

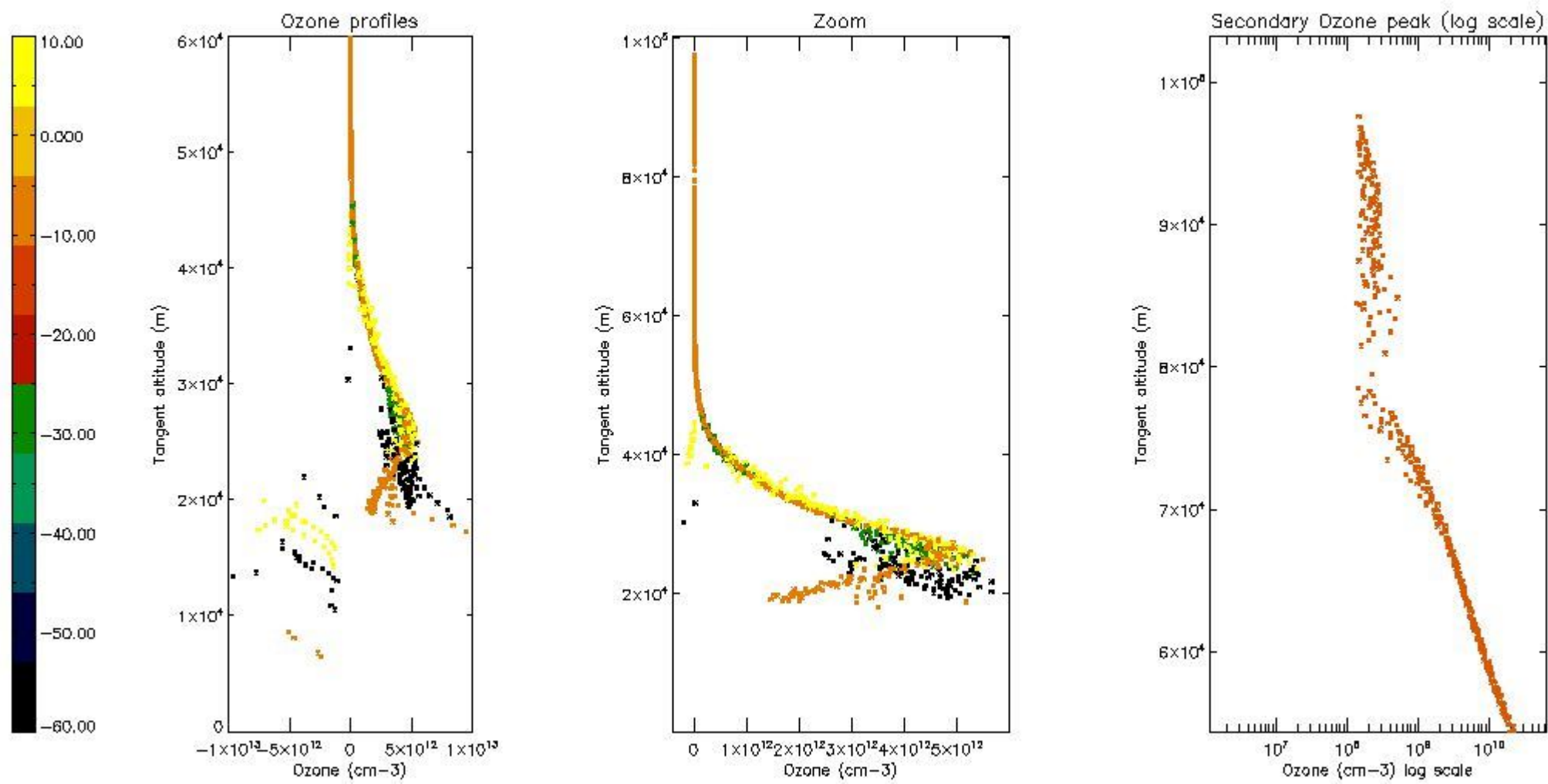
The colorbar represents the latitude.





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

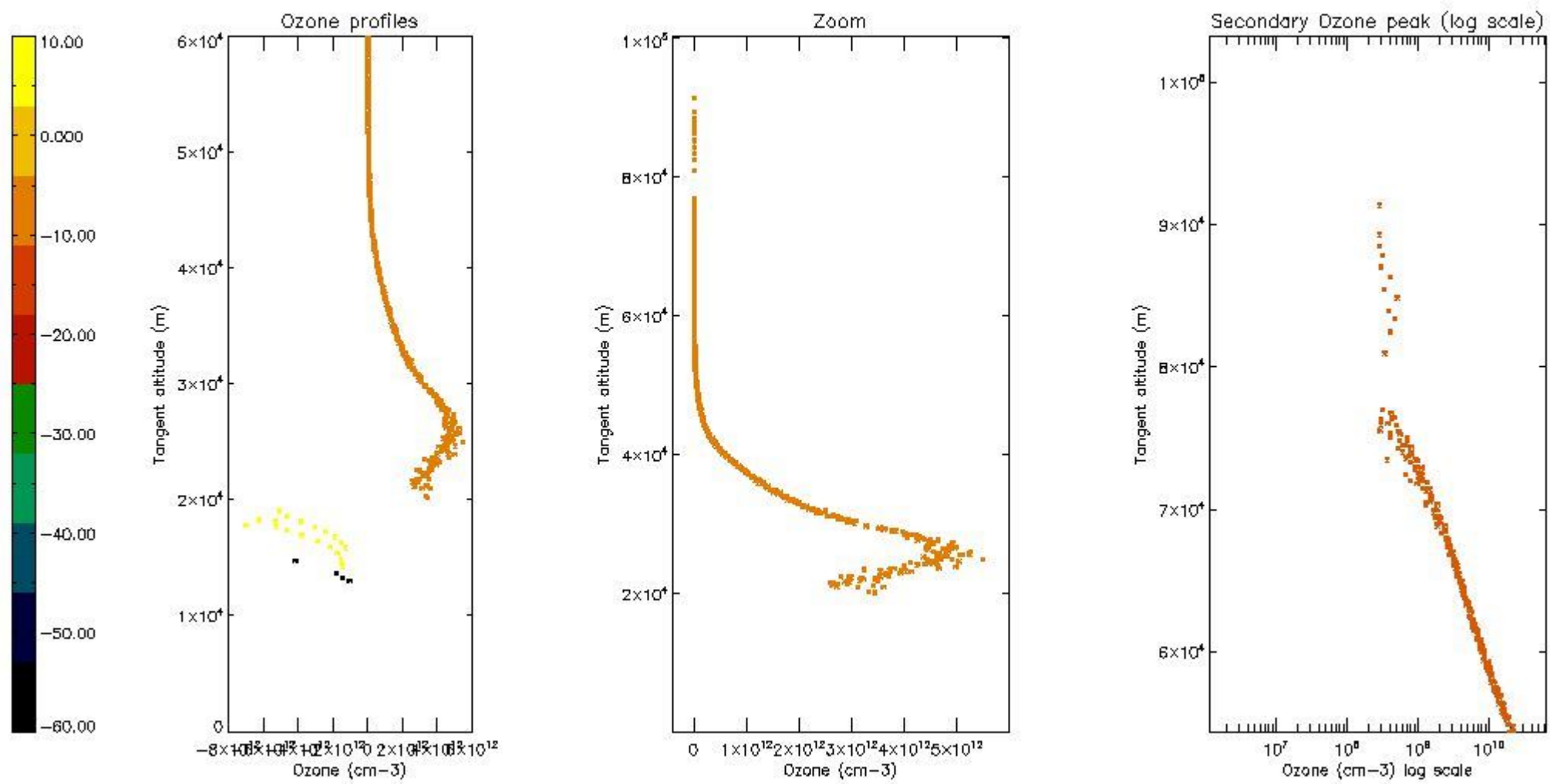
The colorbar represents the latitude.



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

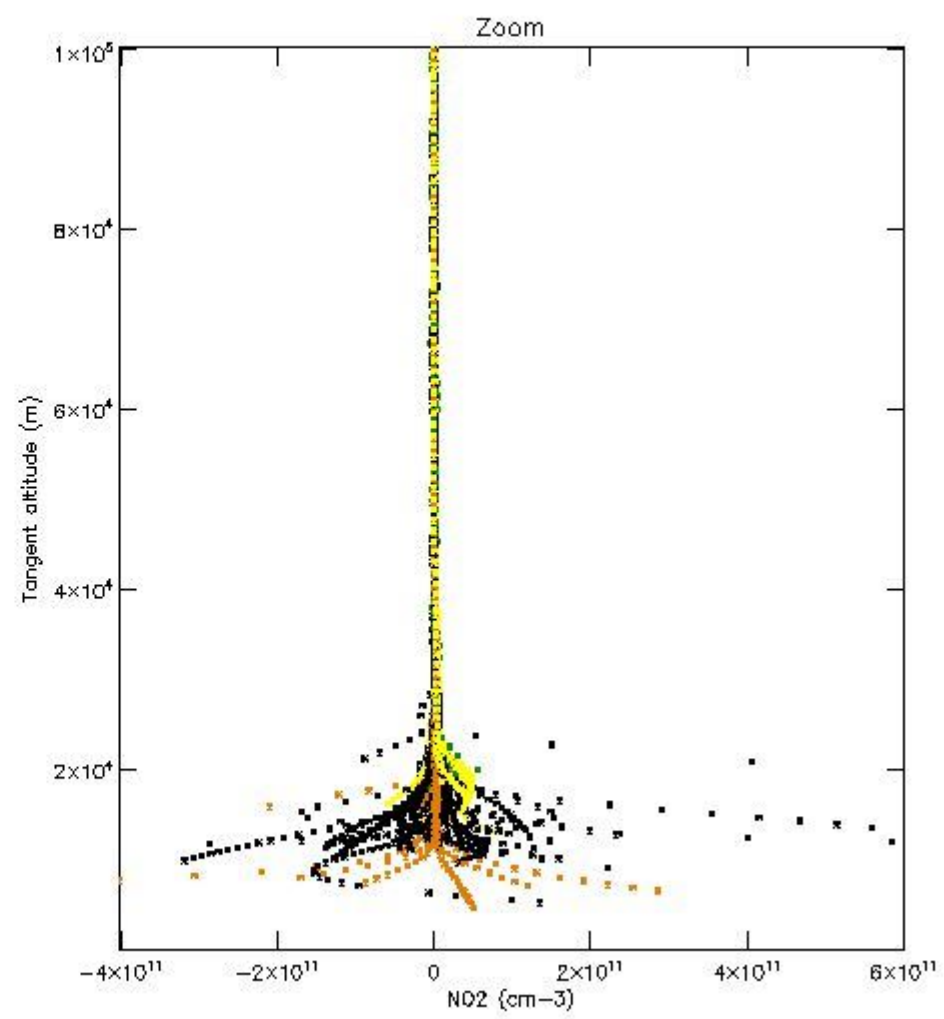
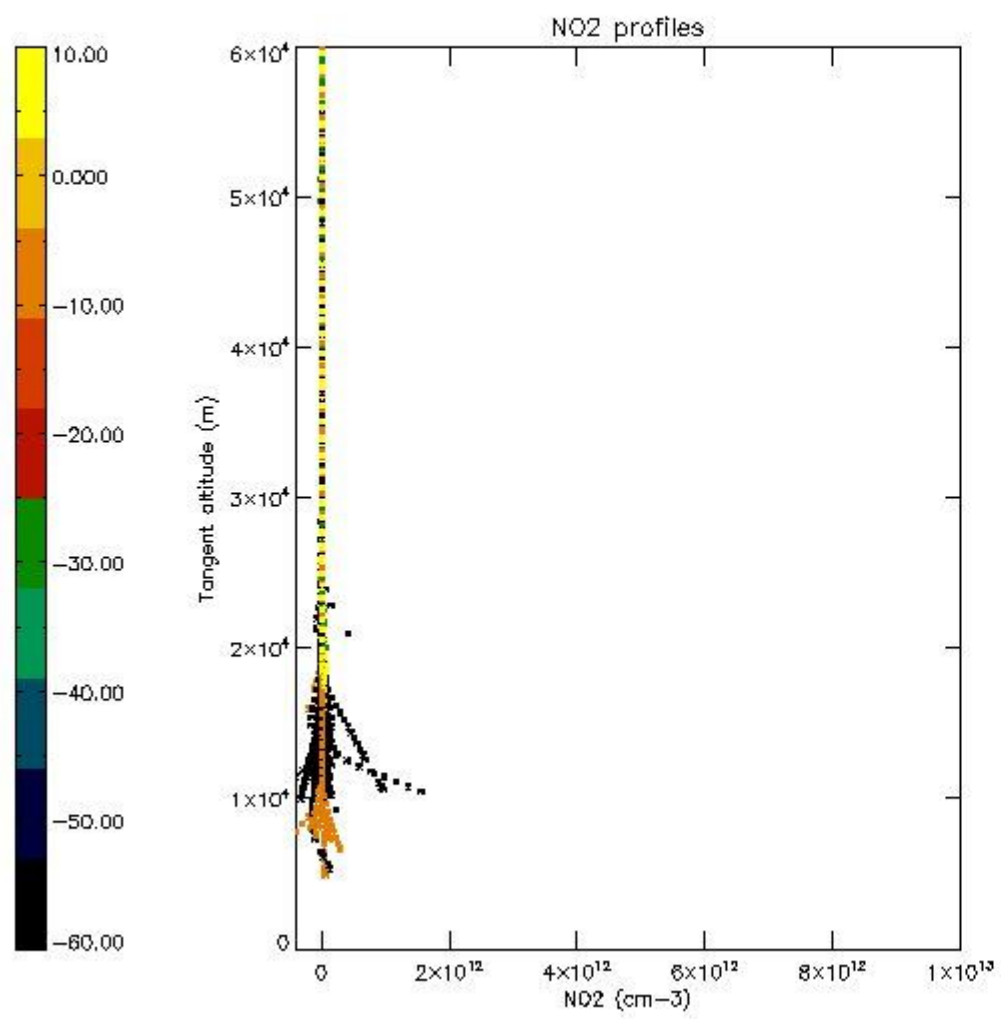
The colorbar represents the latitude.





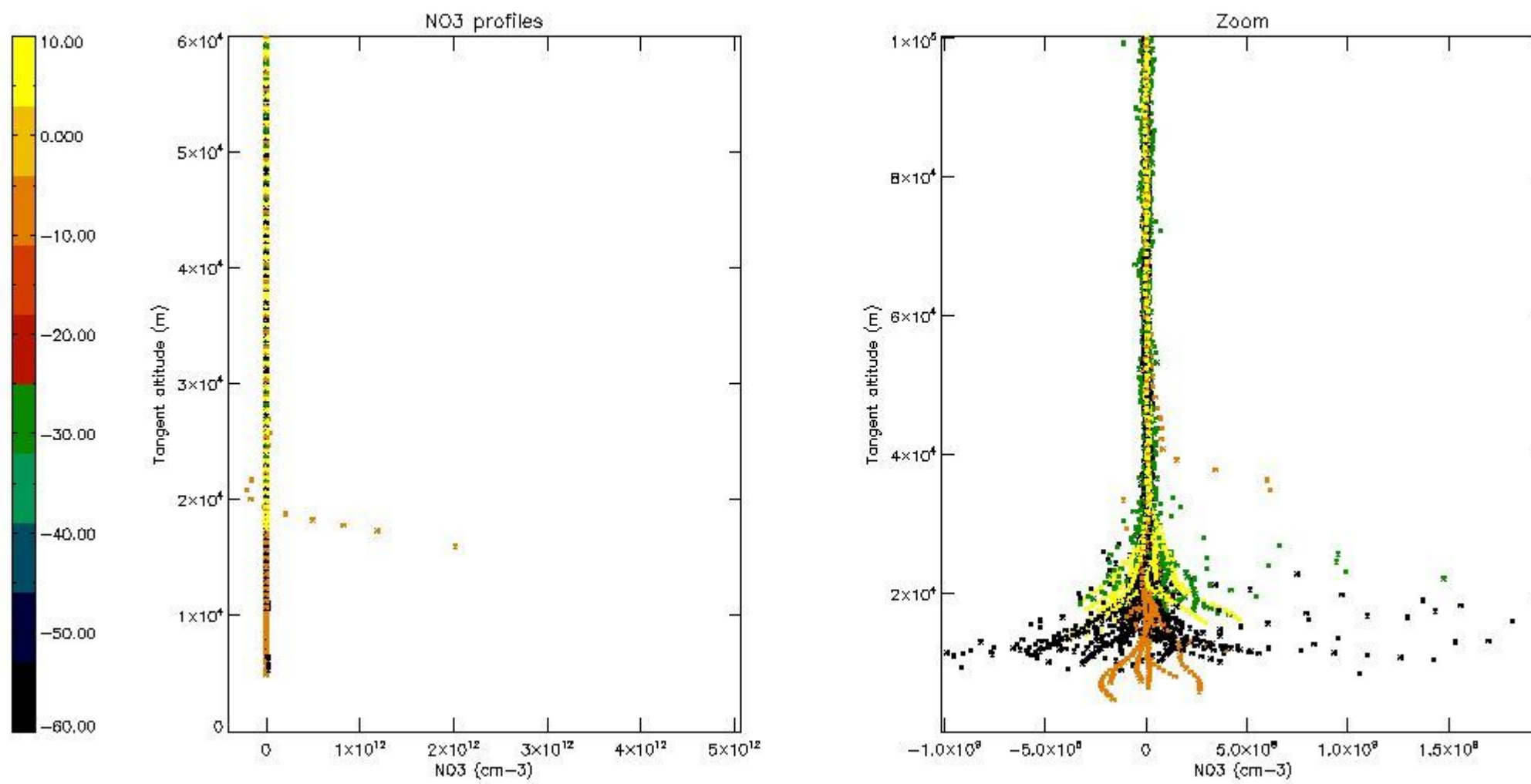
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



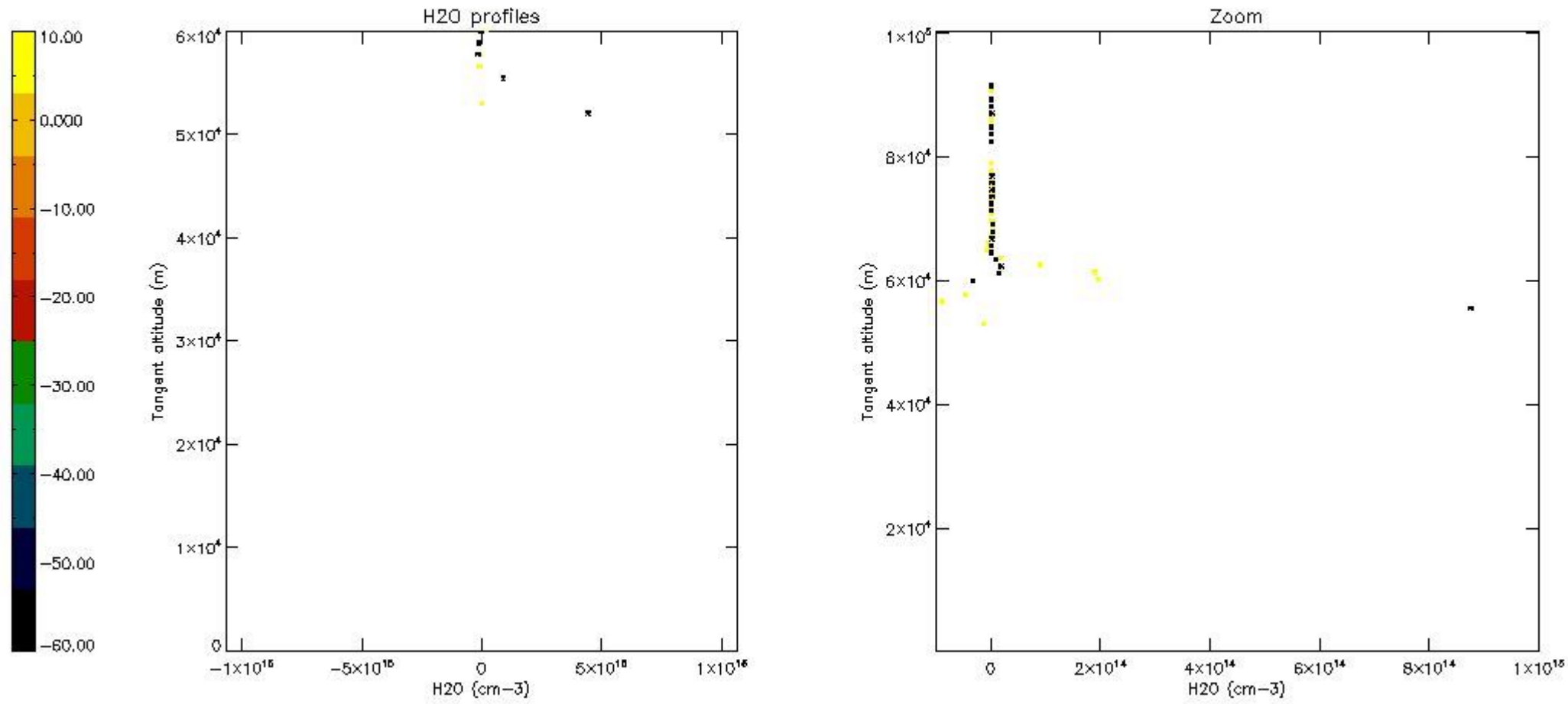
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

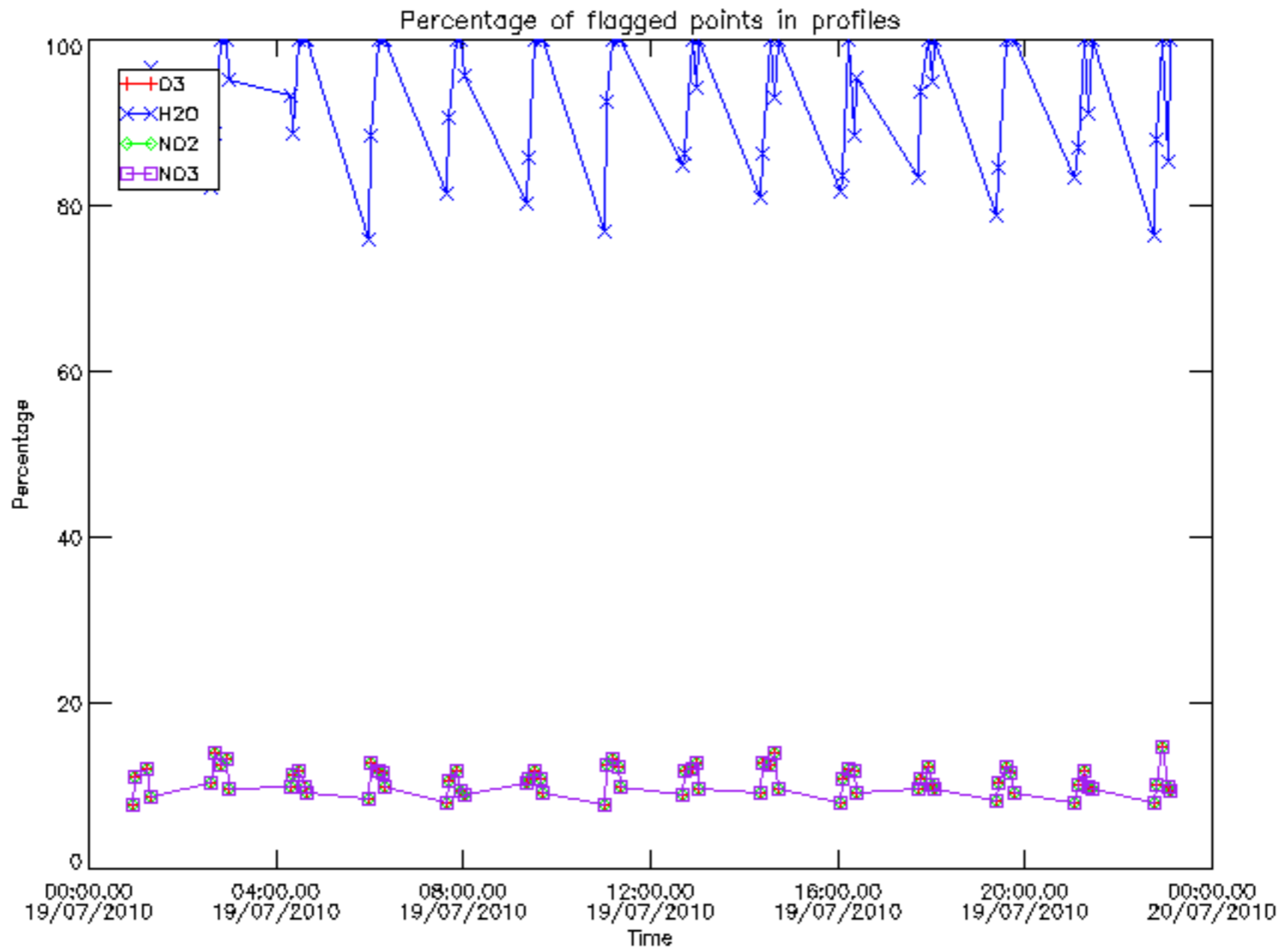


## 6. Auxiliary Data Files used for the production reported in section 2

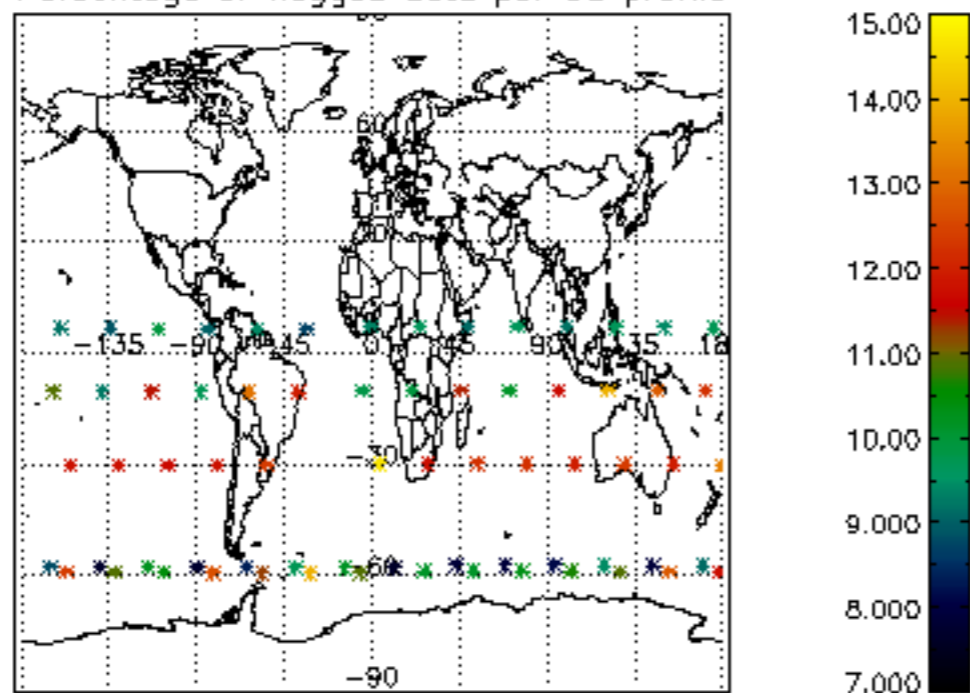
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	19-JUL-2010 00:07:11
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	19-JUL-2010 00:07:11
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	19-JUL-2010 00:07:11

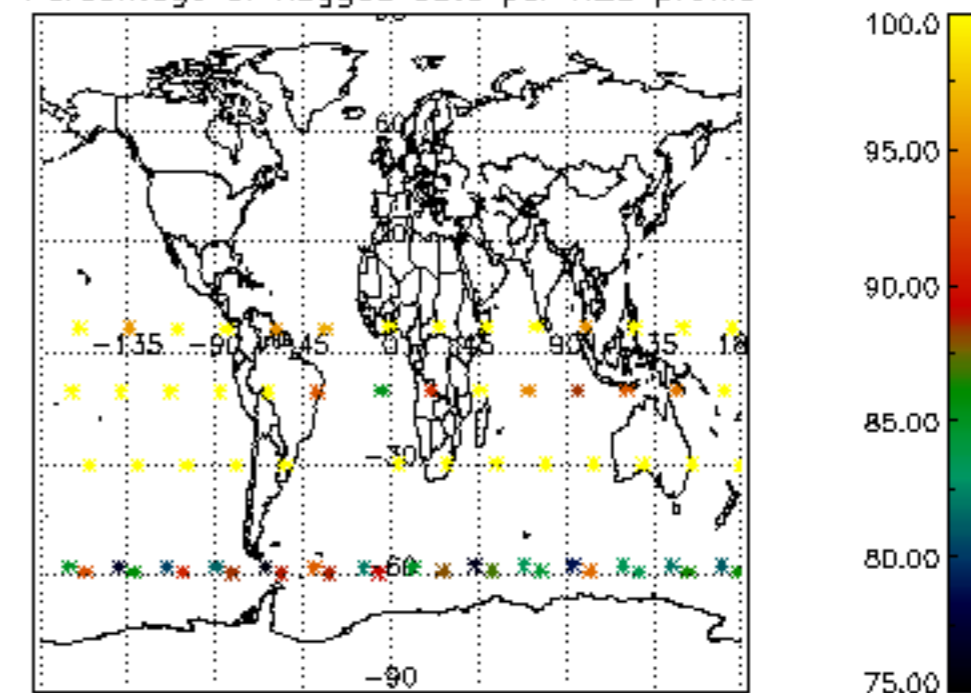




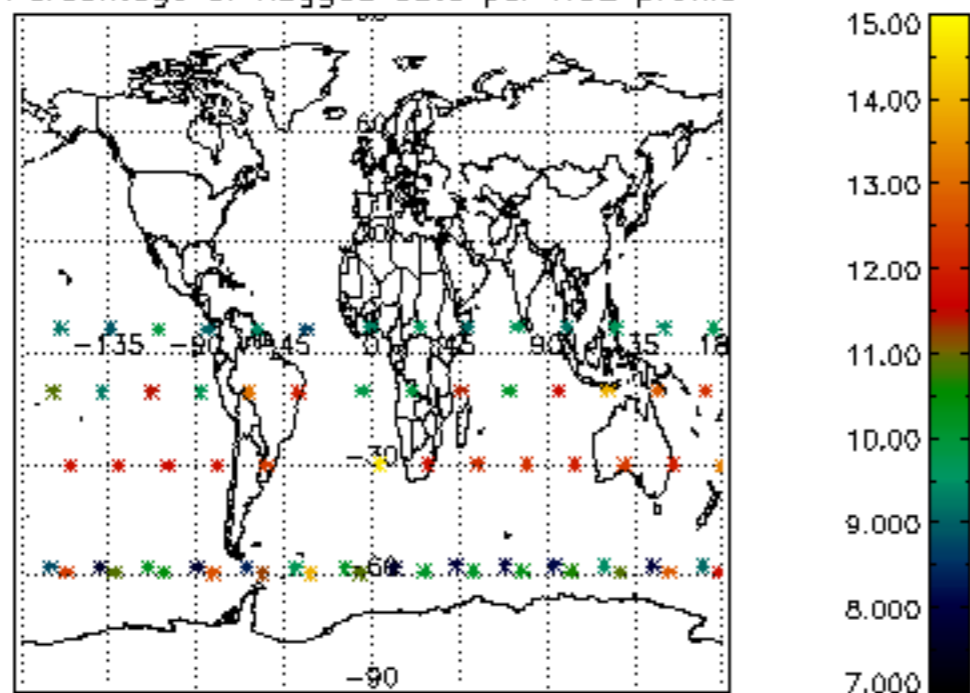
Percentage of flagged data per D3 profile



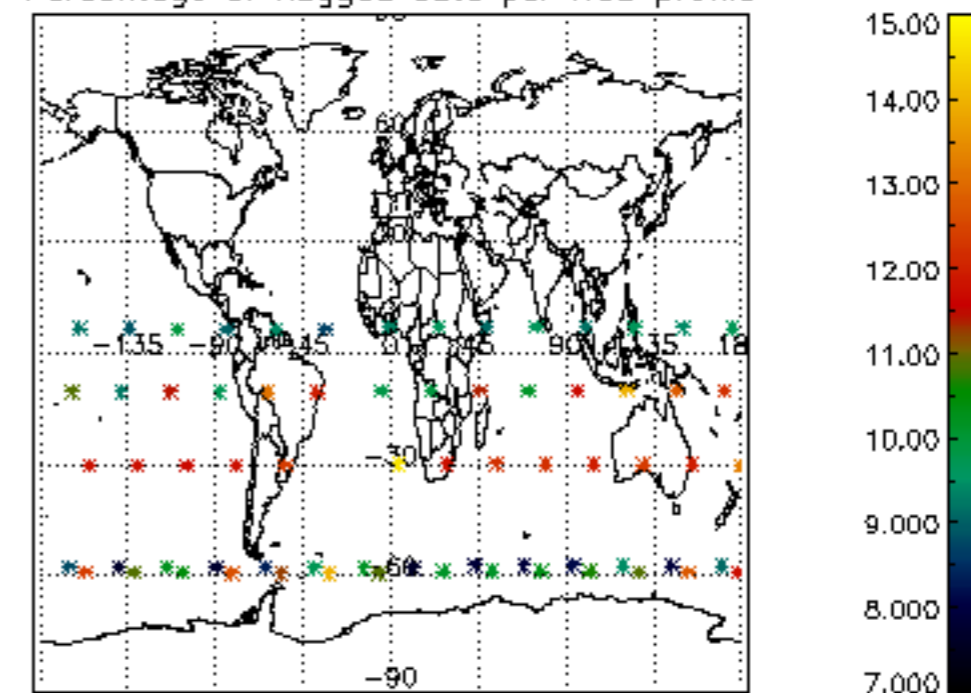
Percentage of flagged data per H2O profile

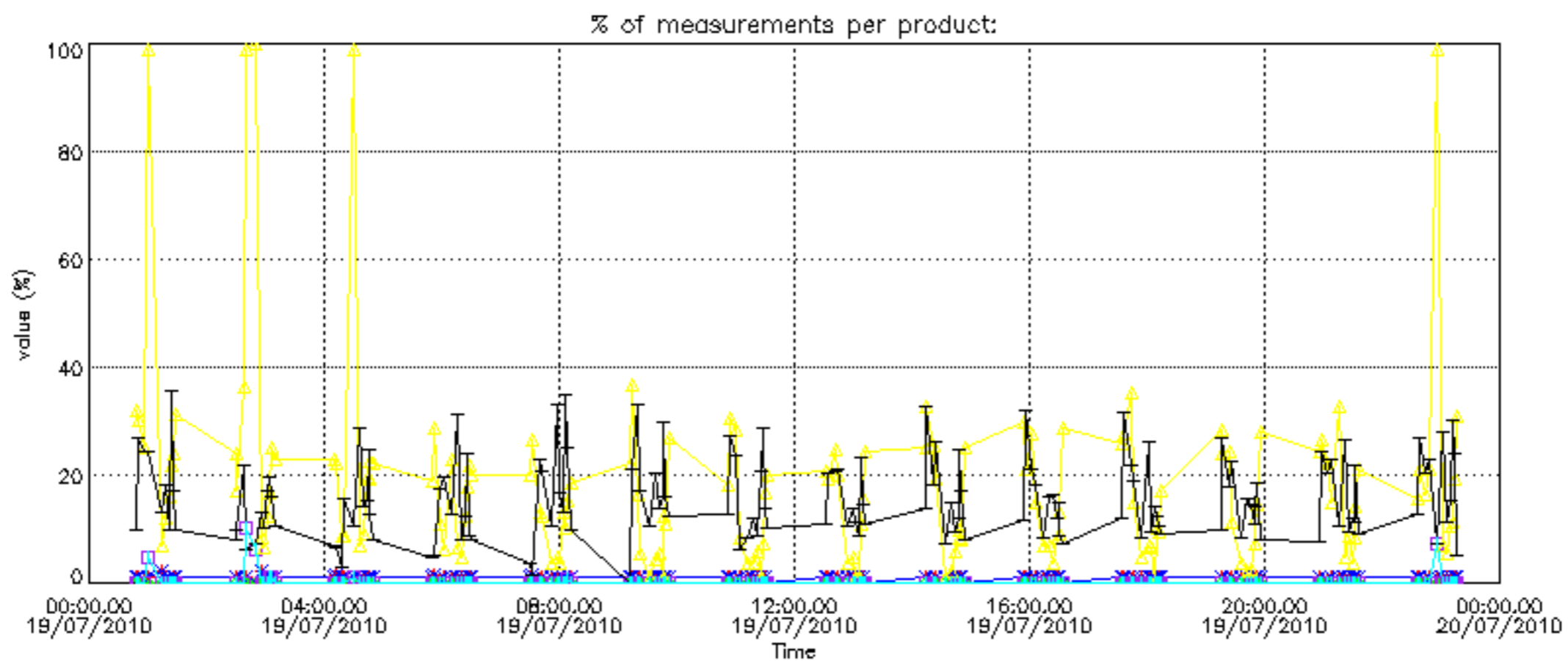


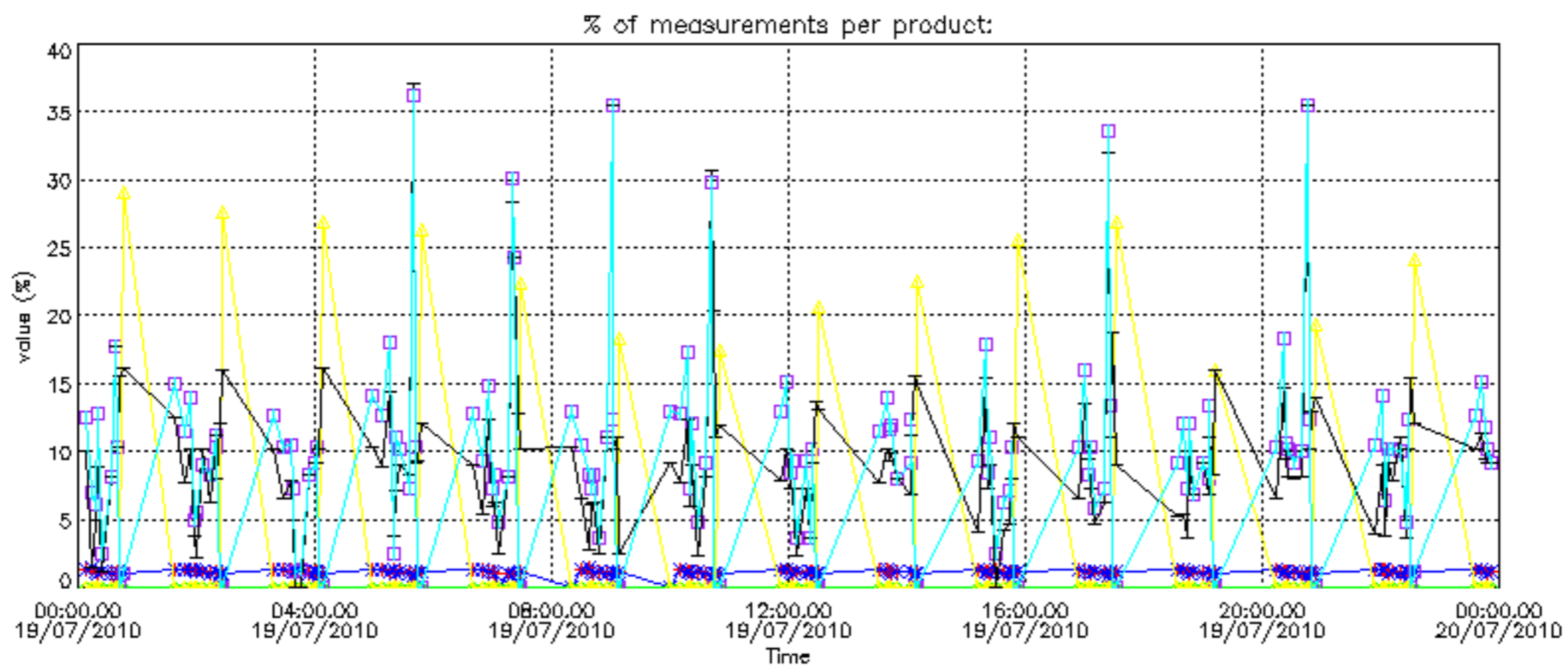
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

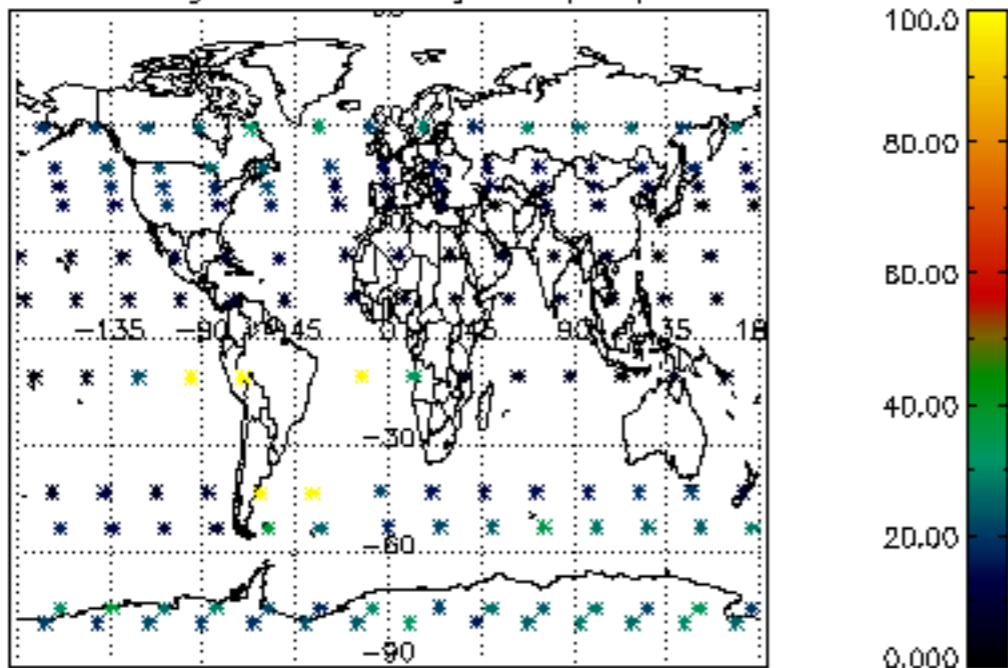




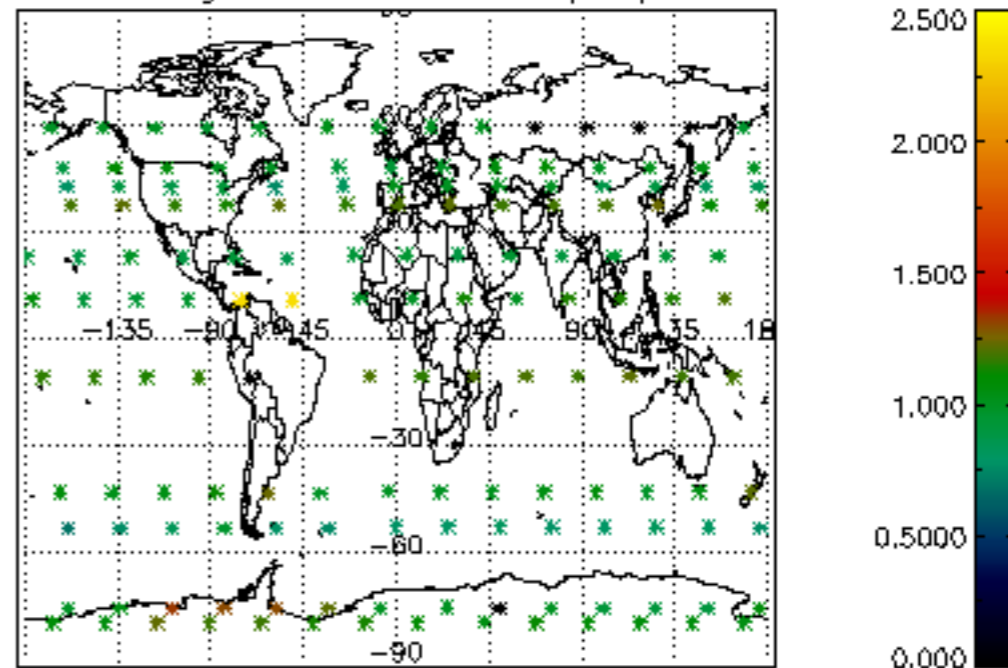




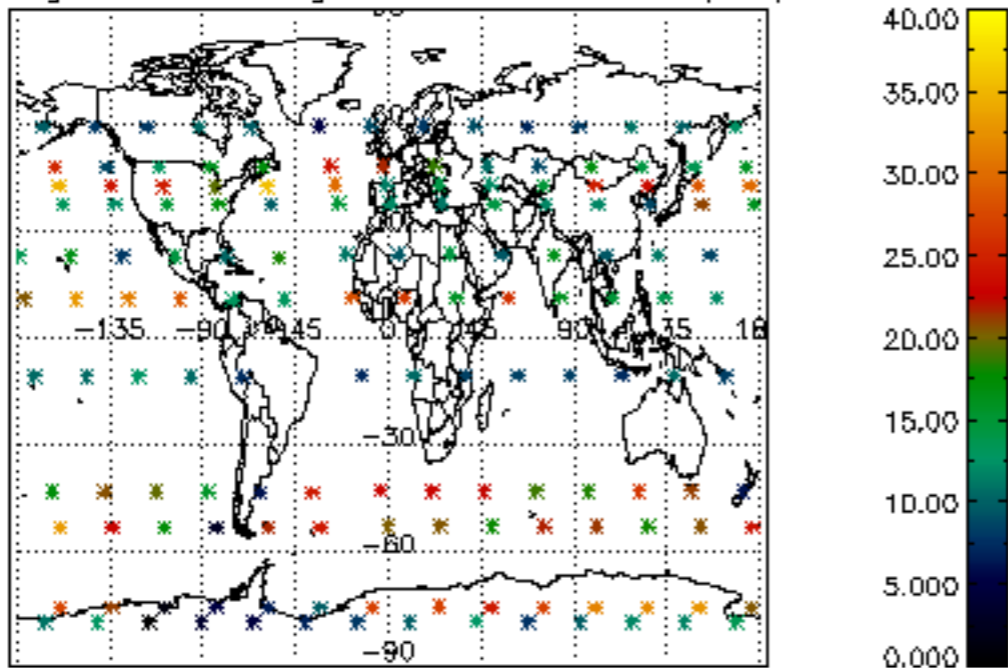
Percentage of cosmic ray hits per profile



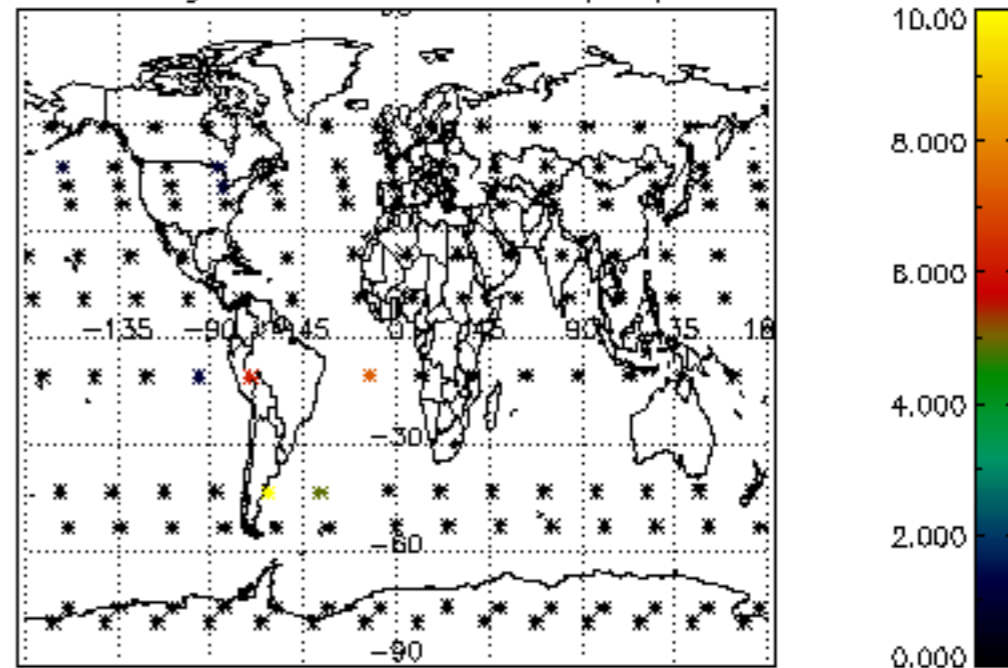
Percentage of datation errors per profile



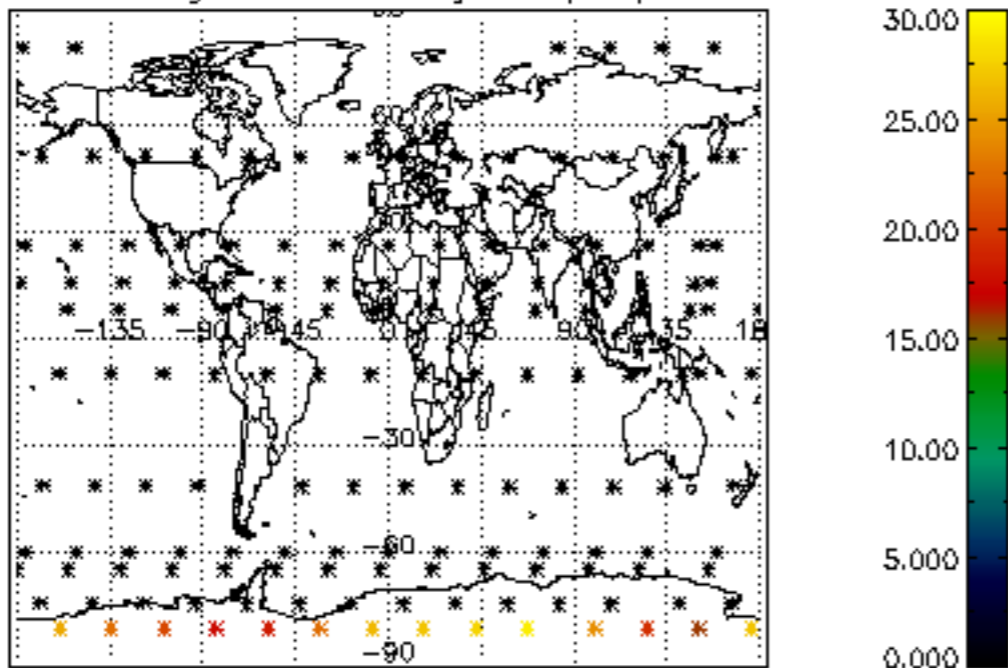
Percentage of star falling outside central band per profile



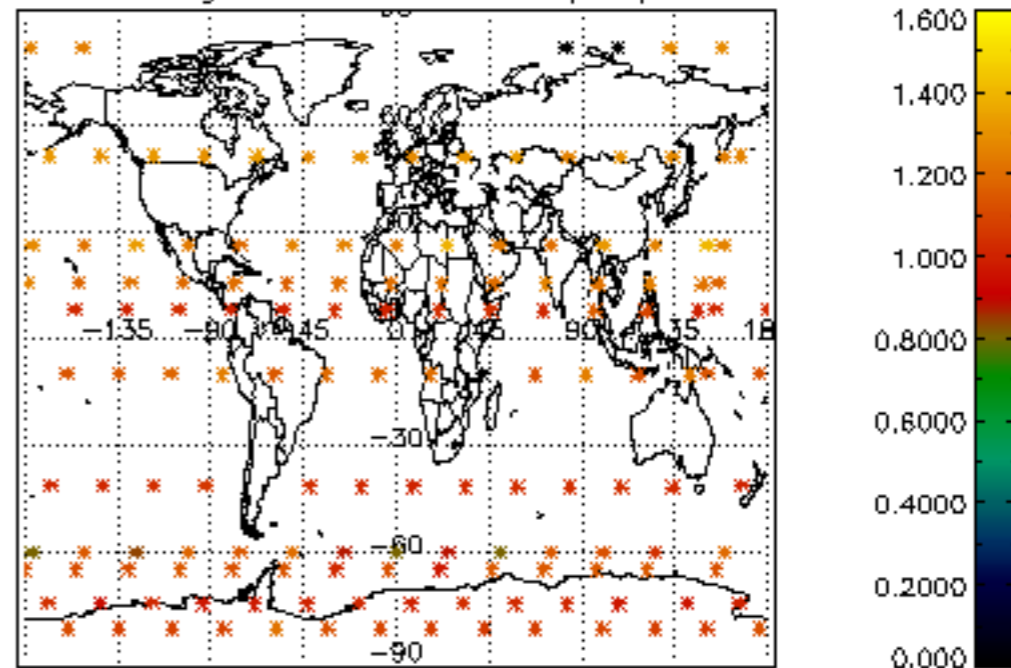
Percentage of saturation errors per profile



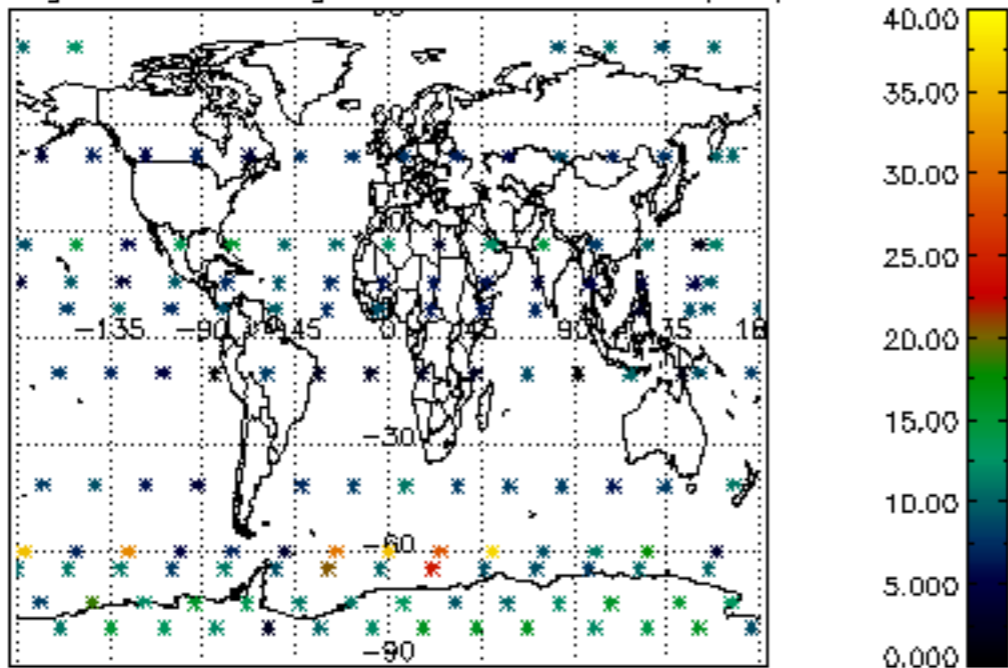
Percentage of cosmic ray hits per profile



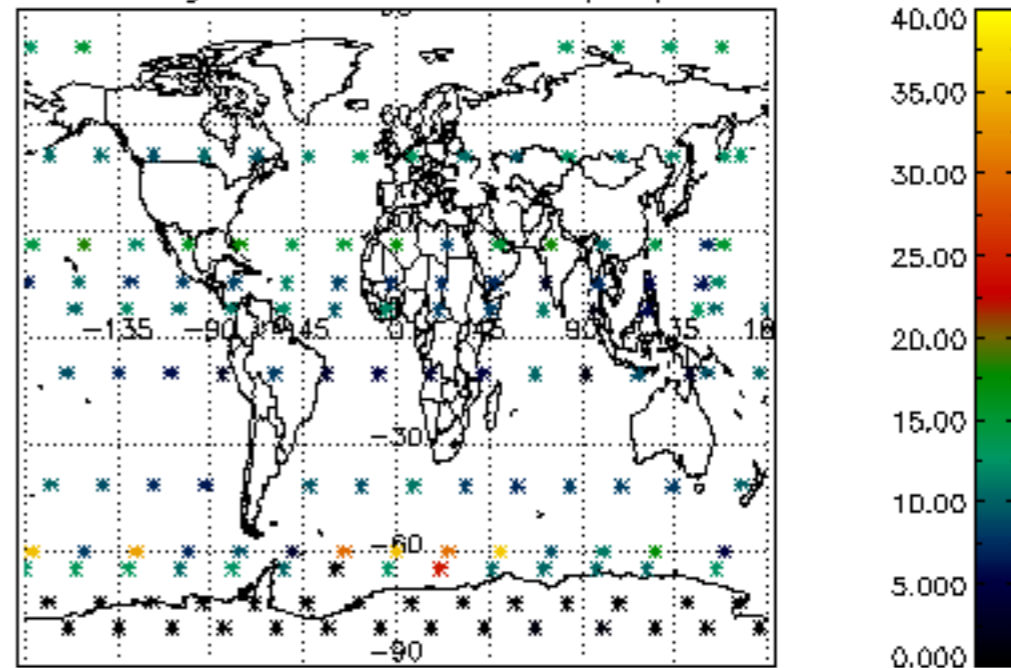
Percentage of datation errors per profile

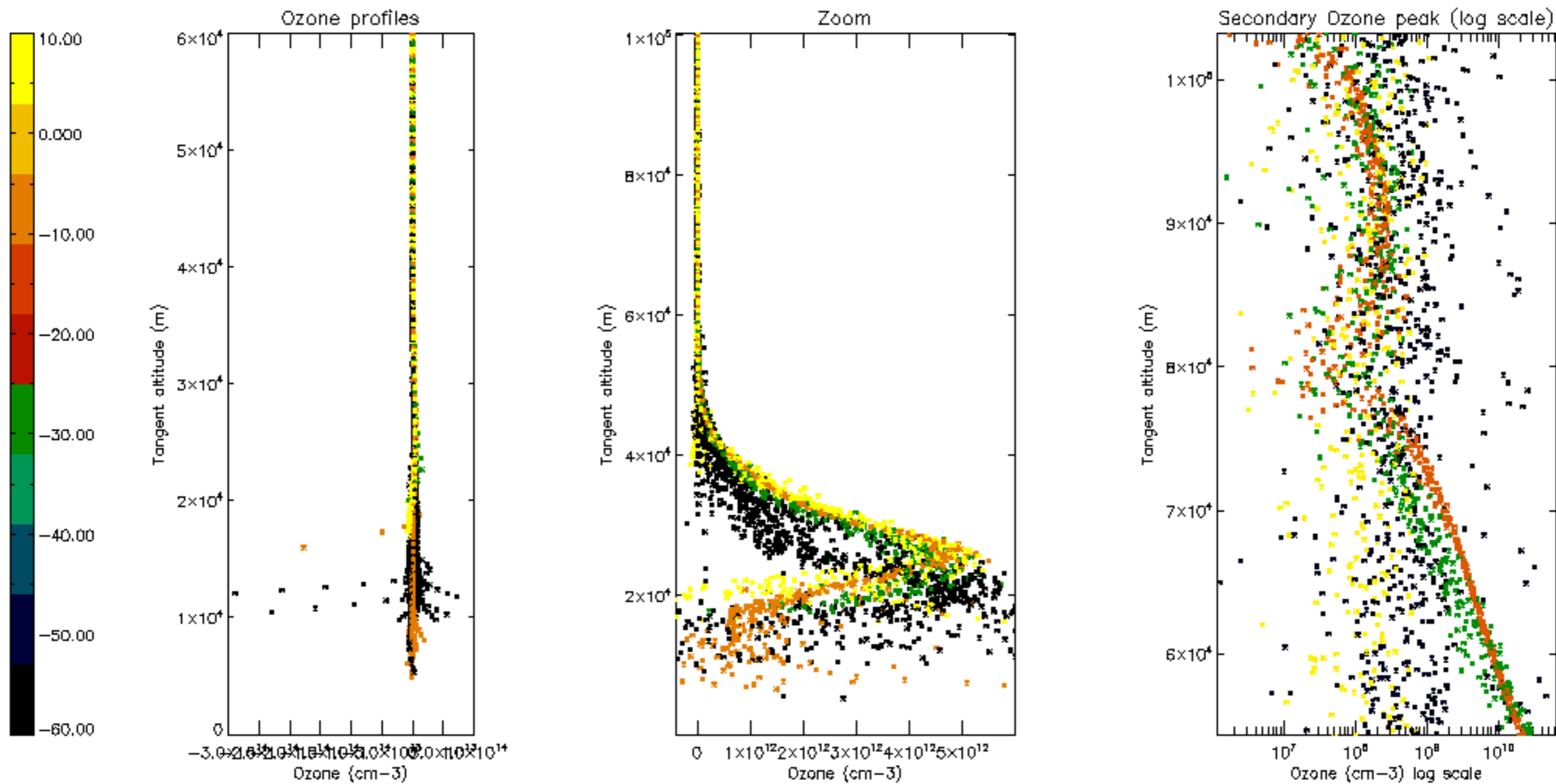


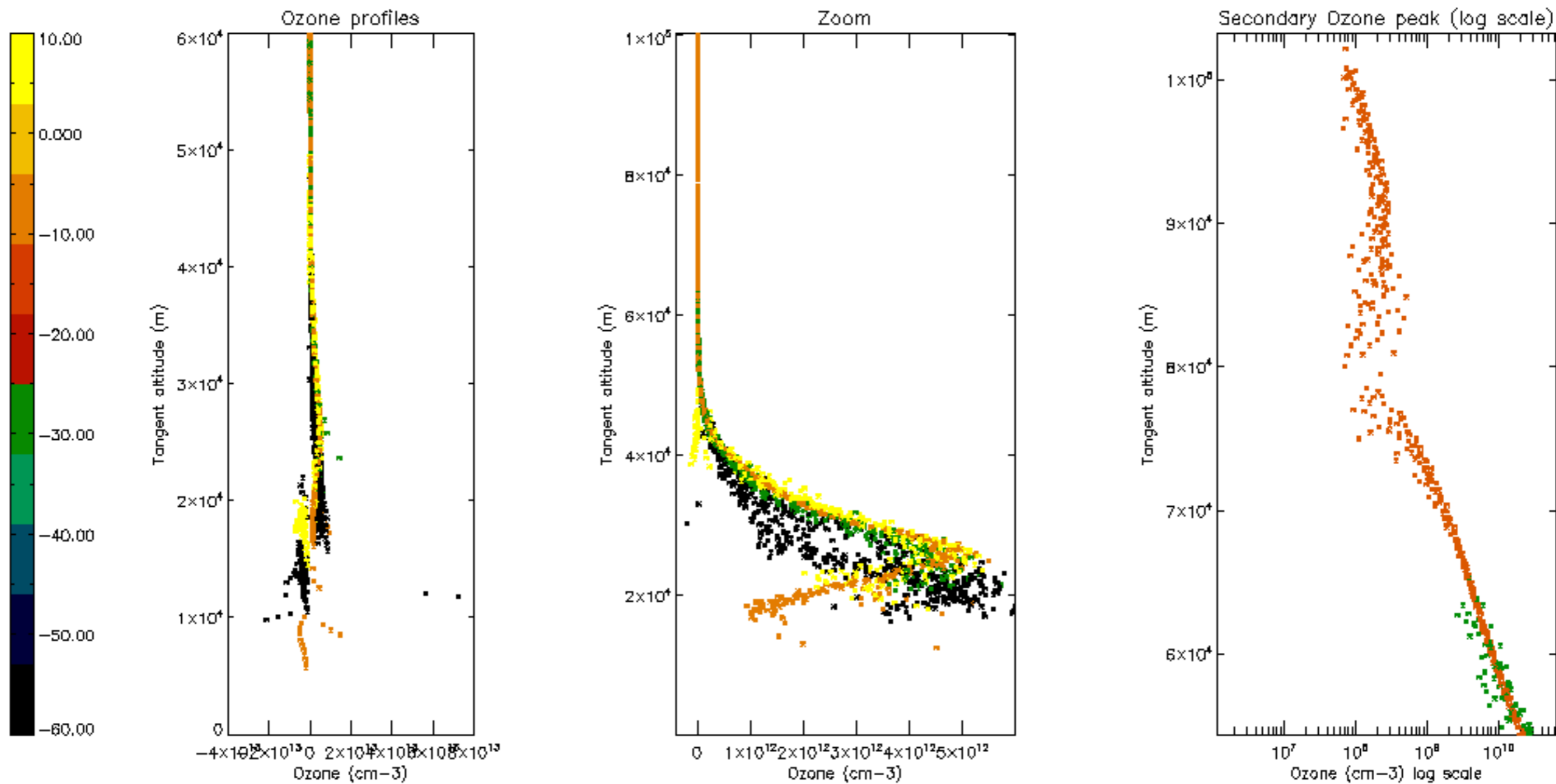
Percentage of star falling outside central band per profile



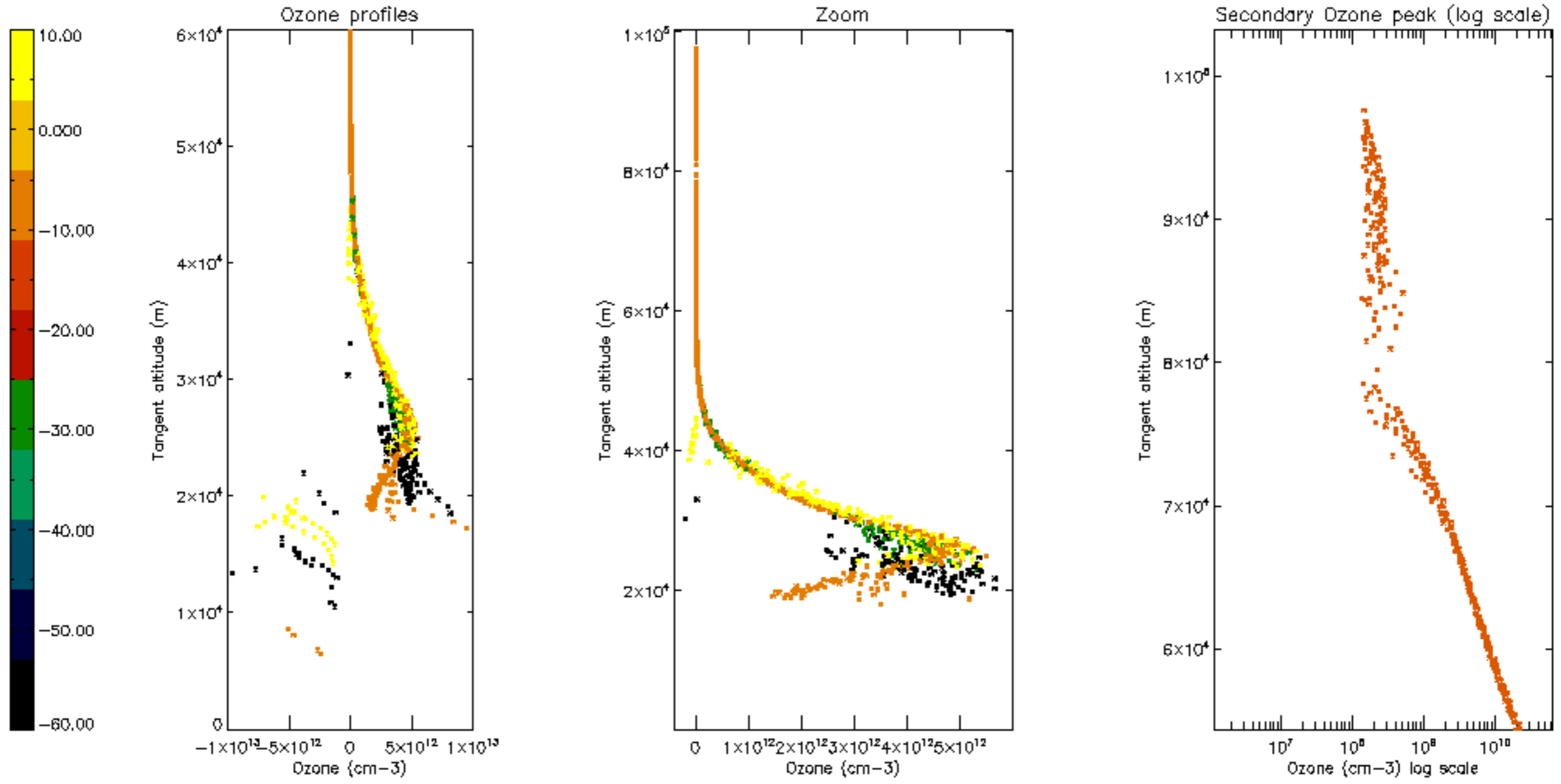
Percentage of saturation errors per profile

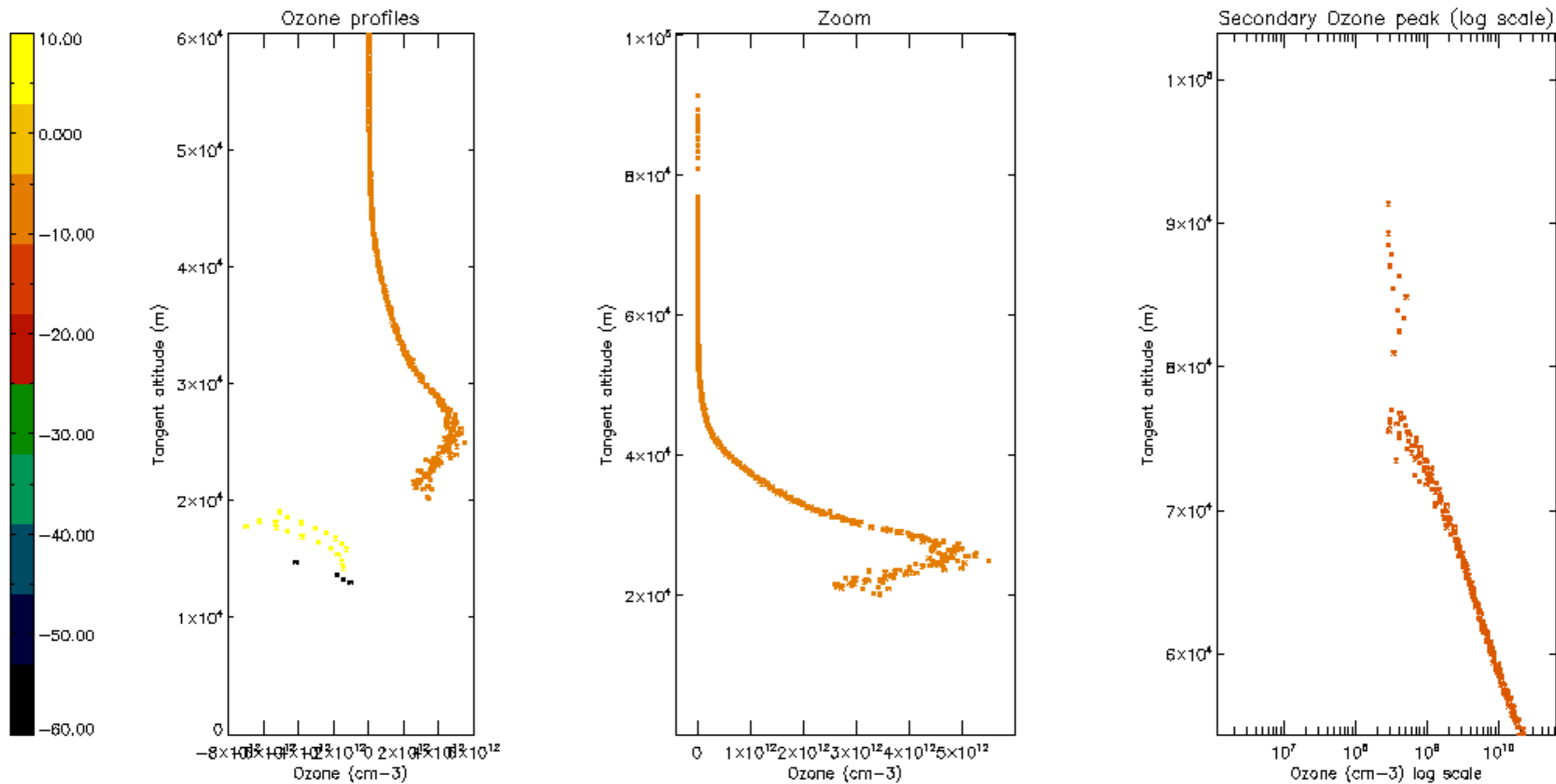


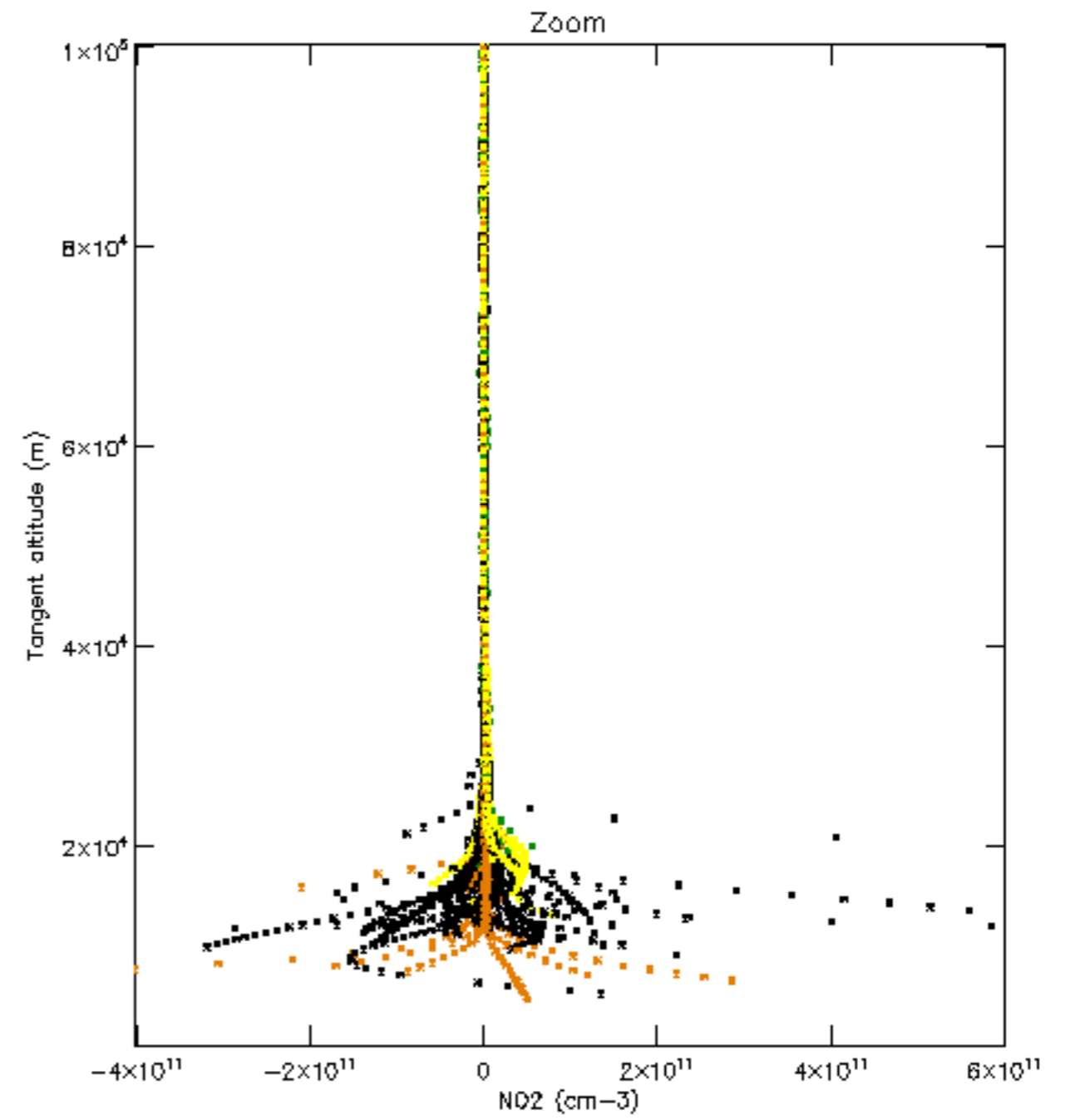
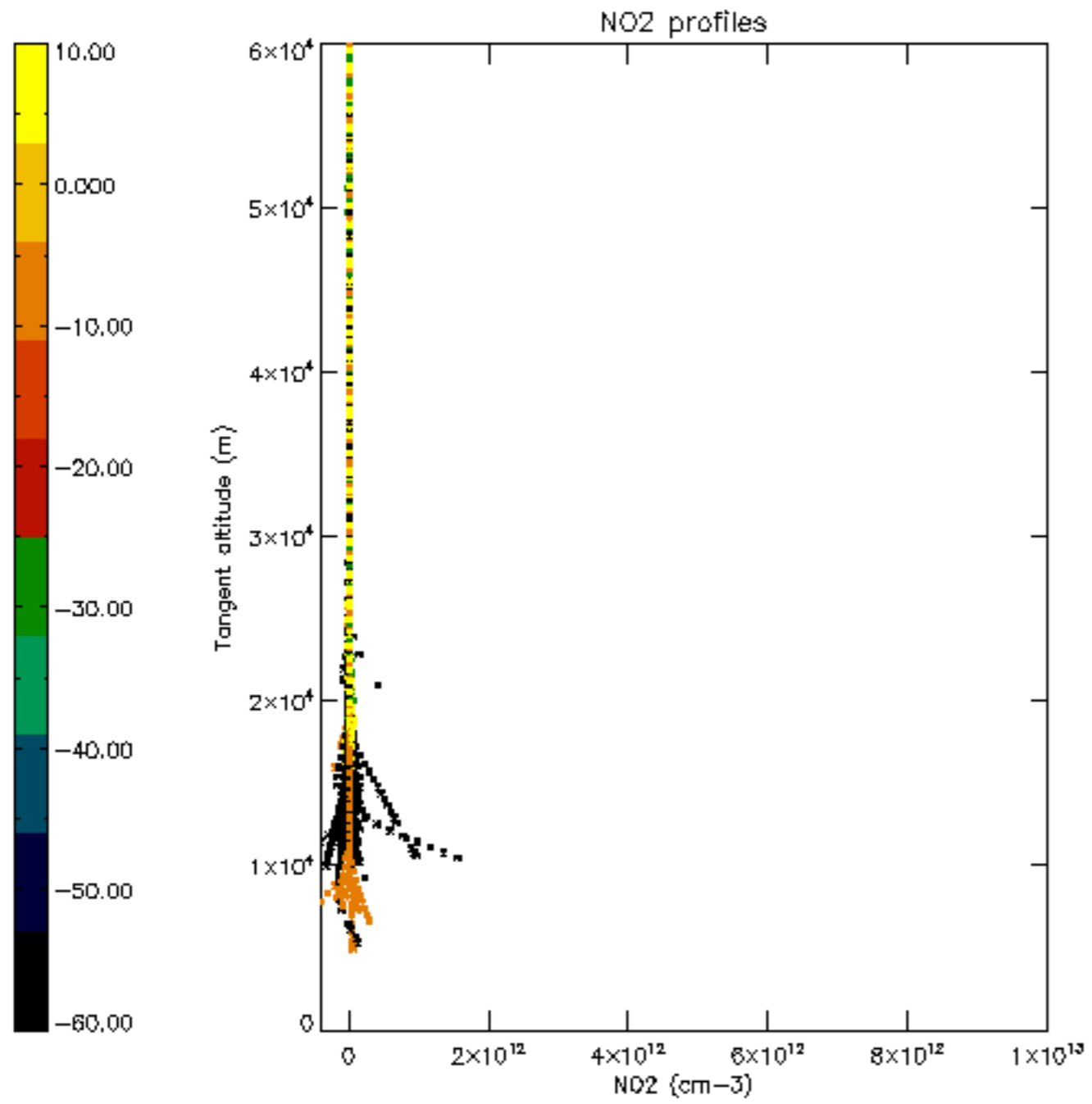


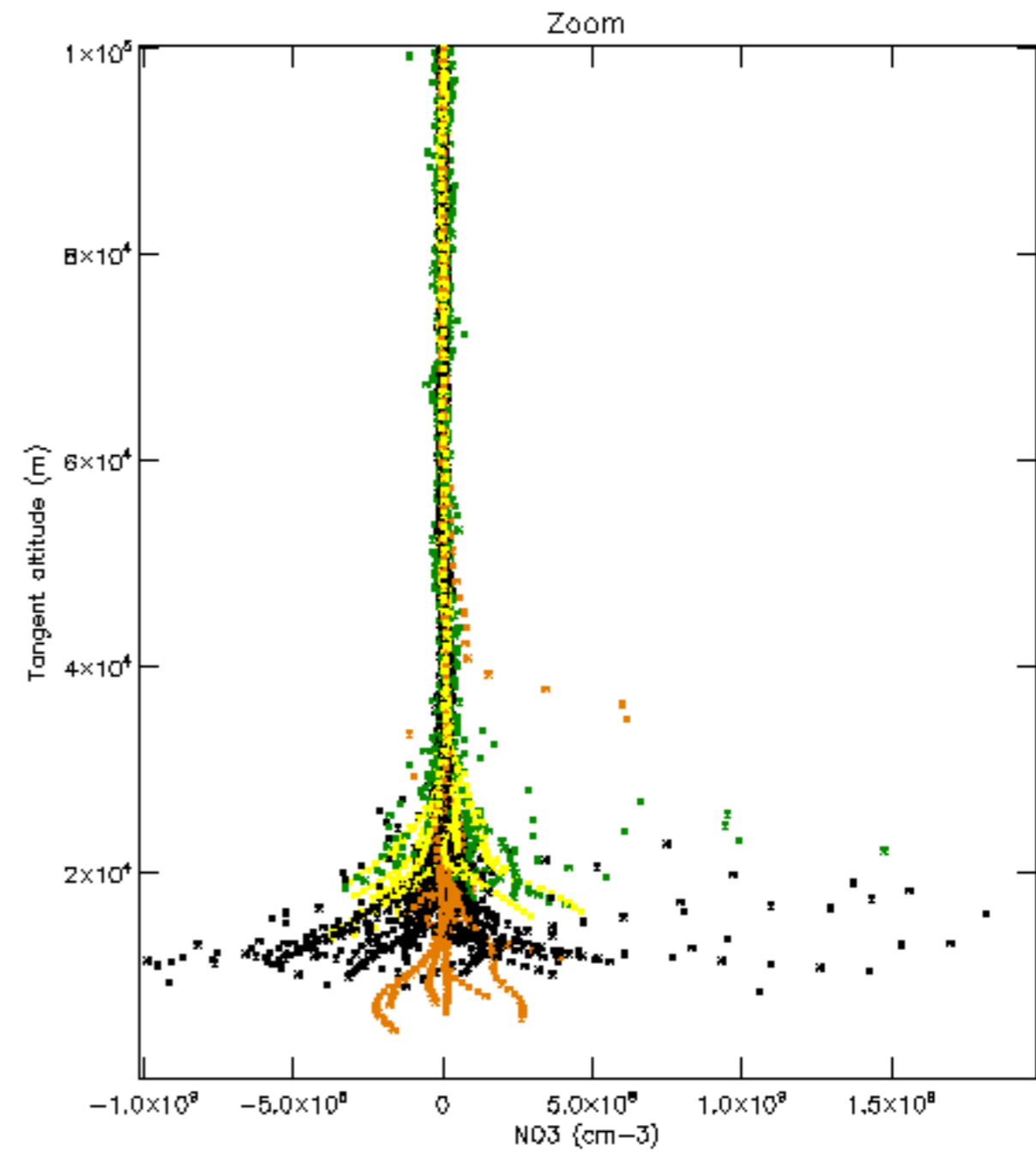
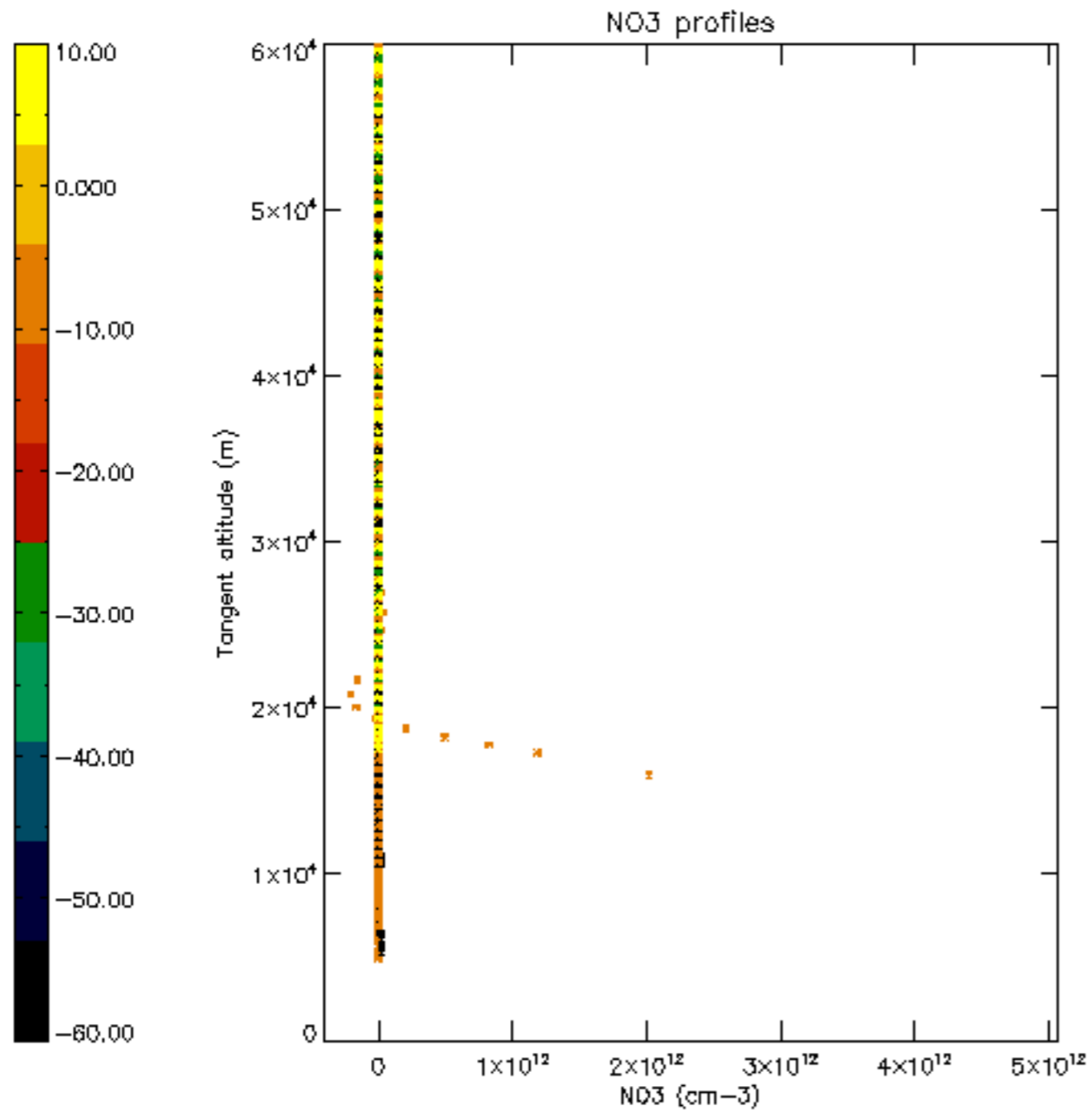




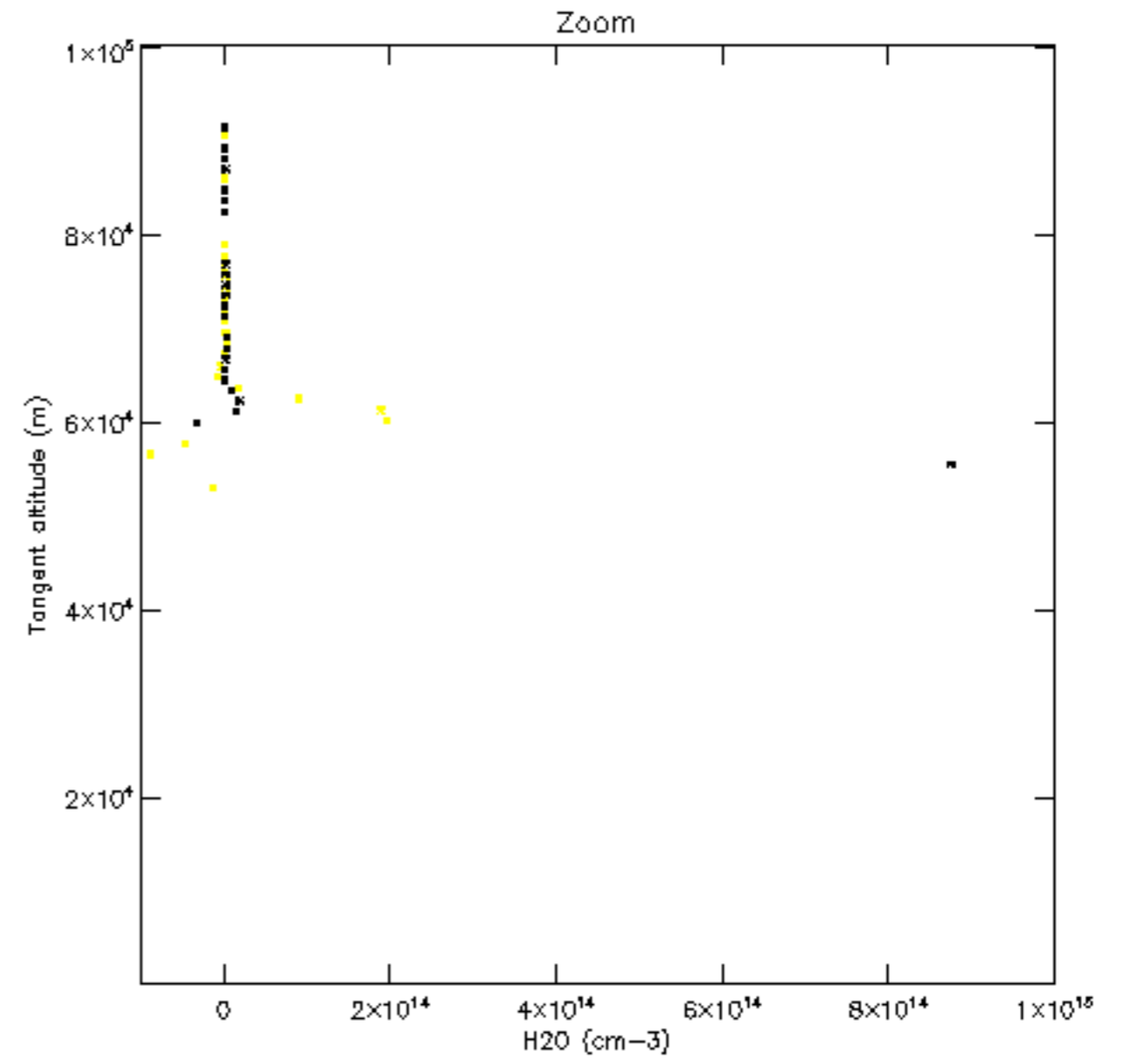
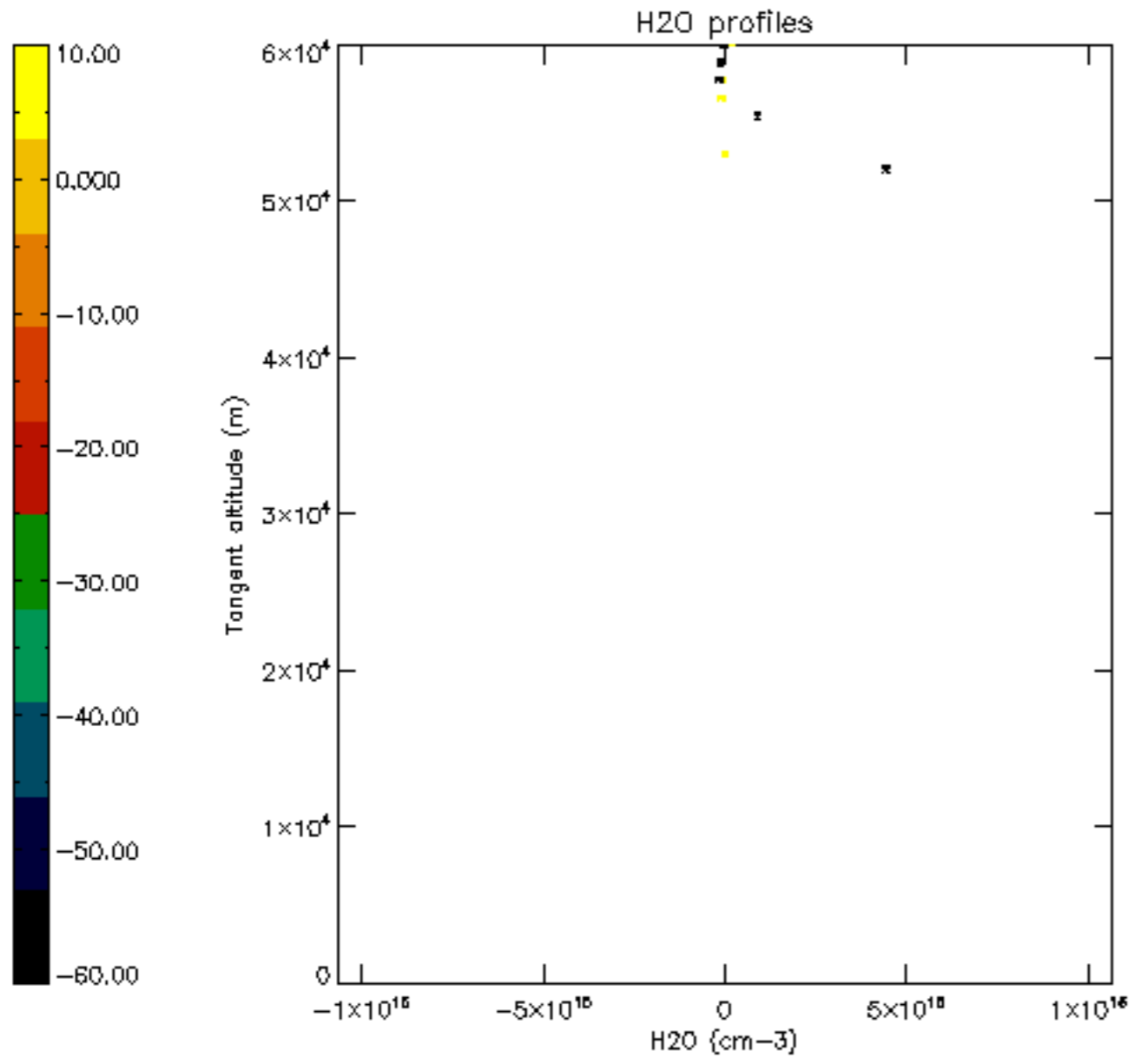


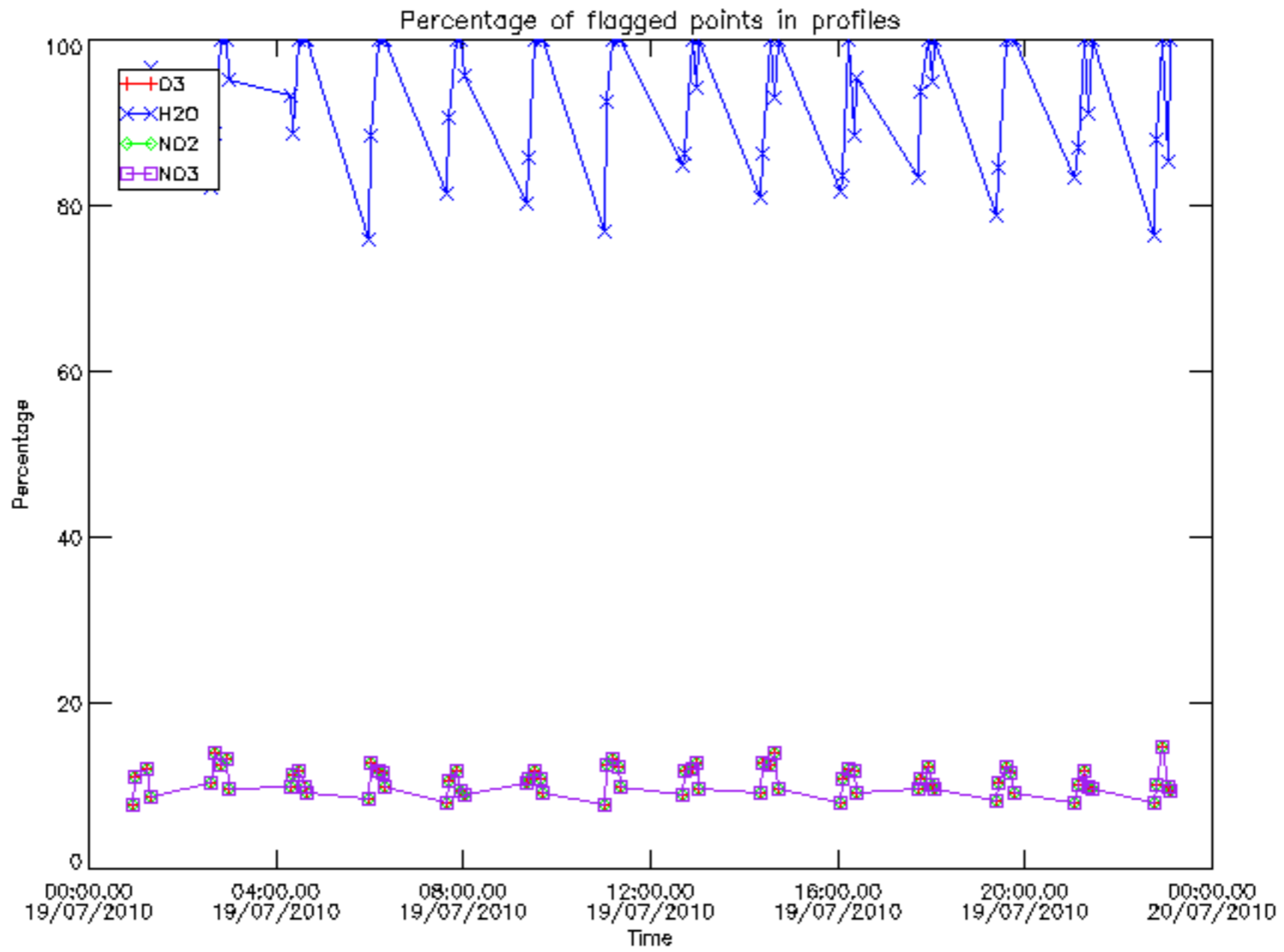




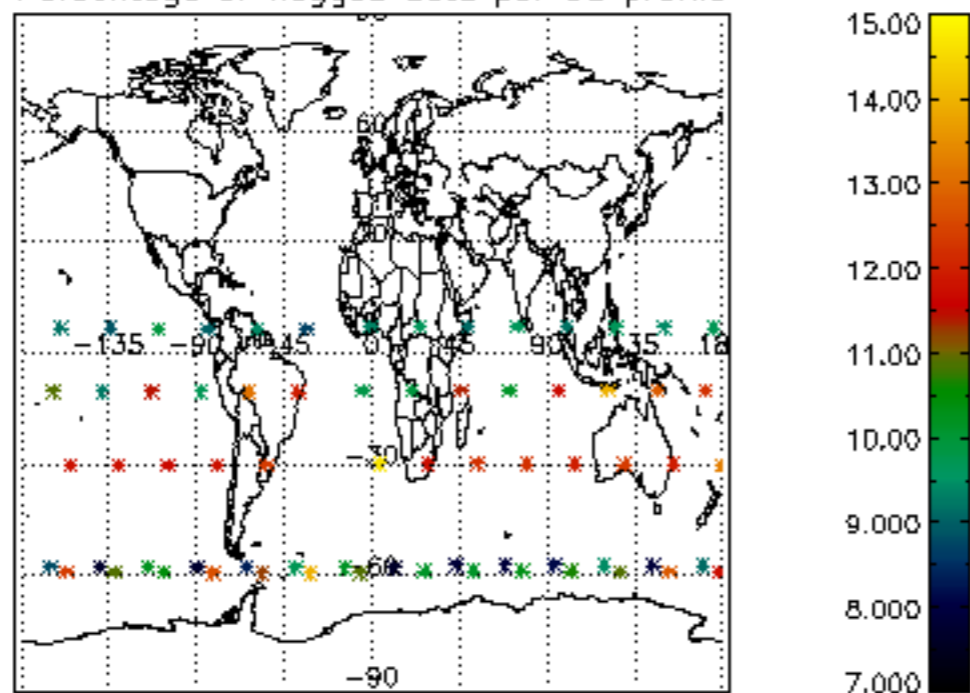




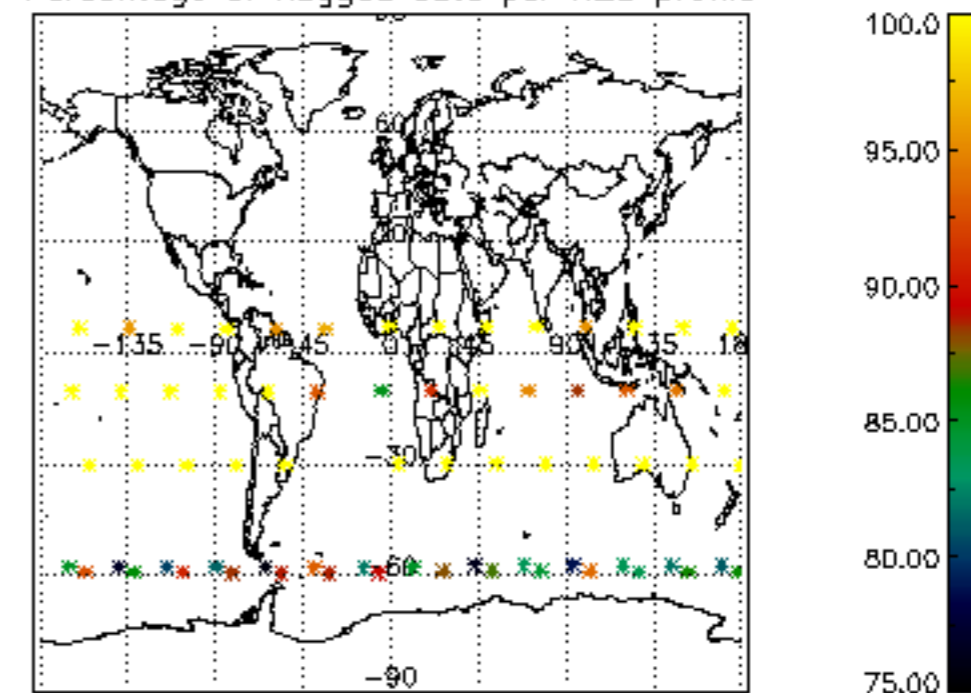




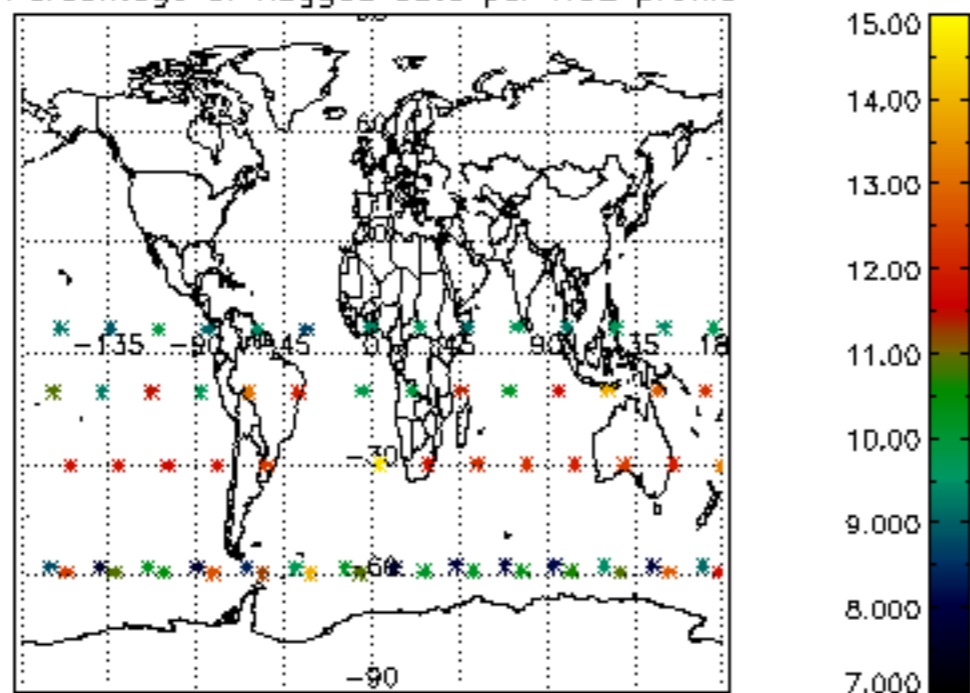
Percentage of flagged data per D3 profile



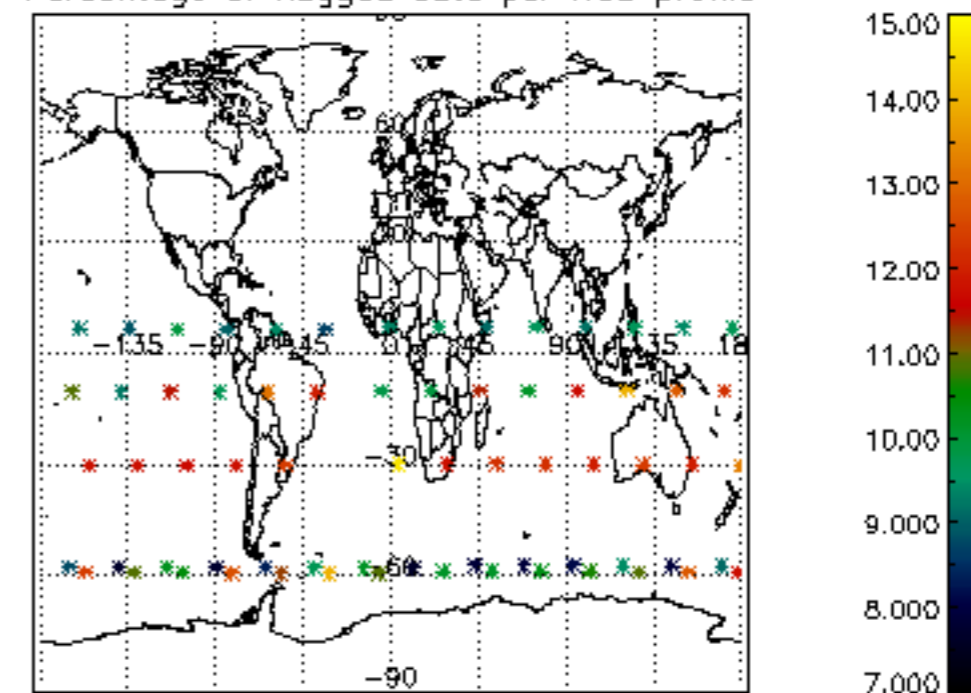
Percentage of flagged data per H2O profile

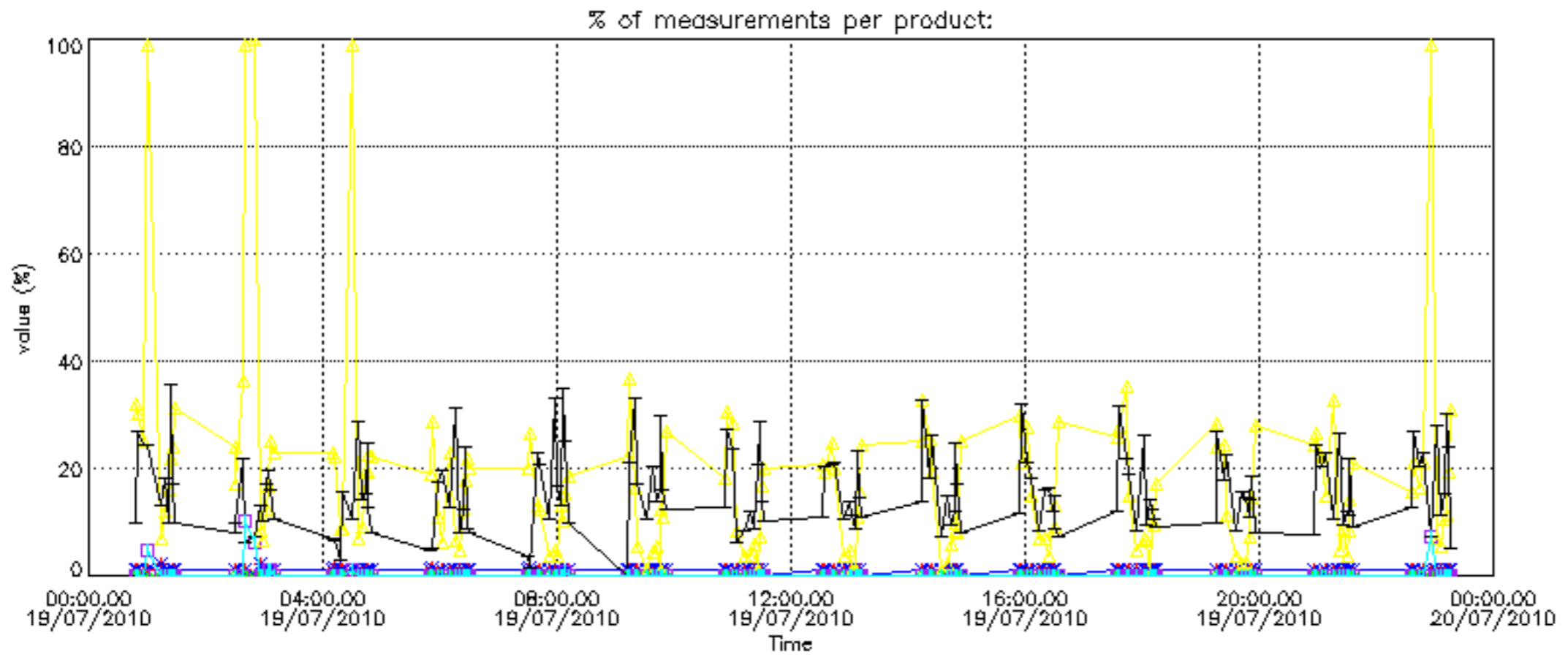


Percentage of flagged data per NO2 profile

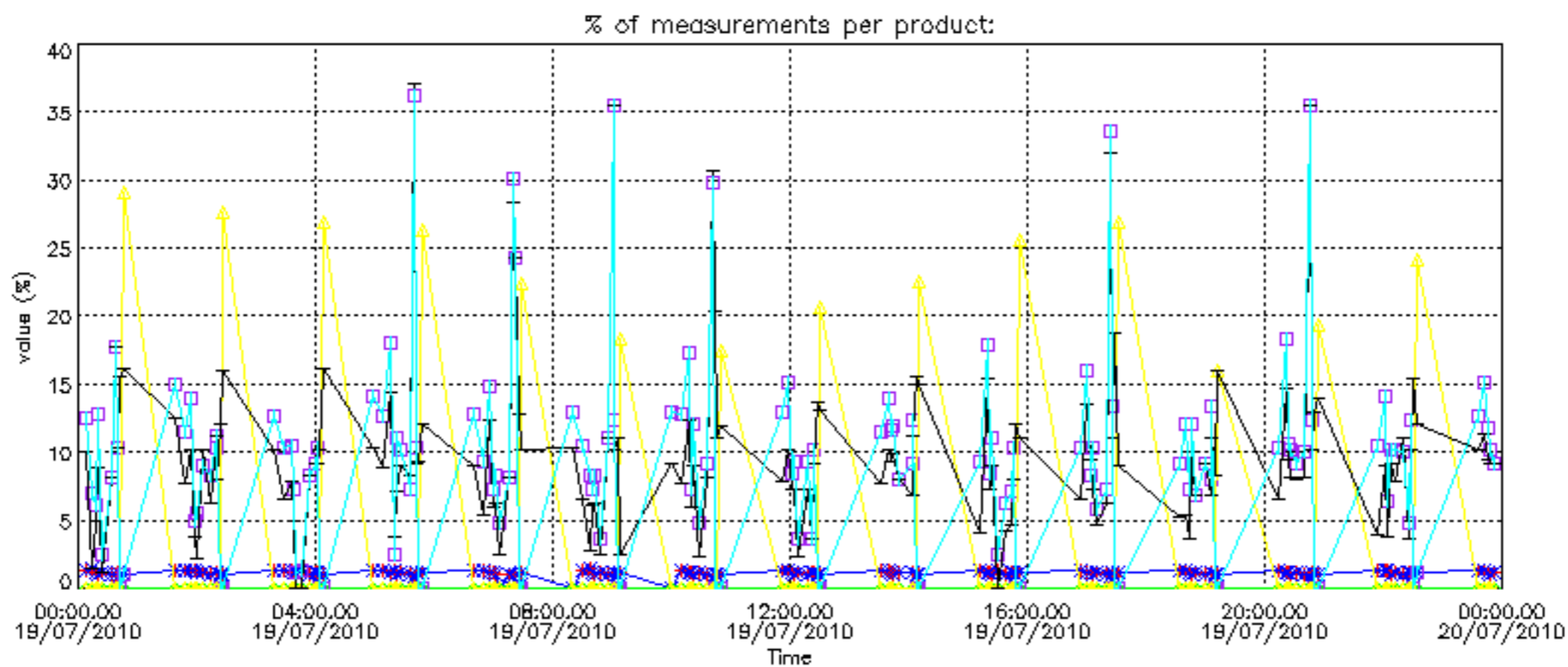


Percentage of flagged data per NO3 profile

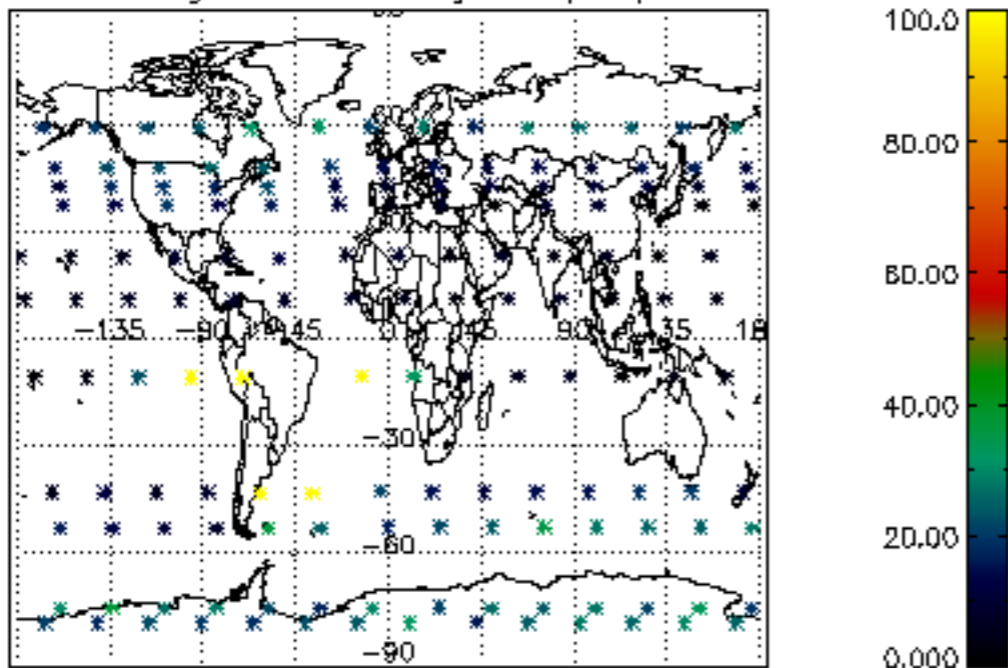




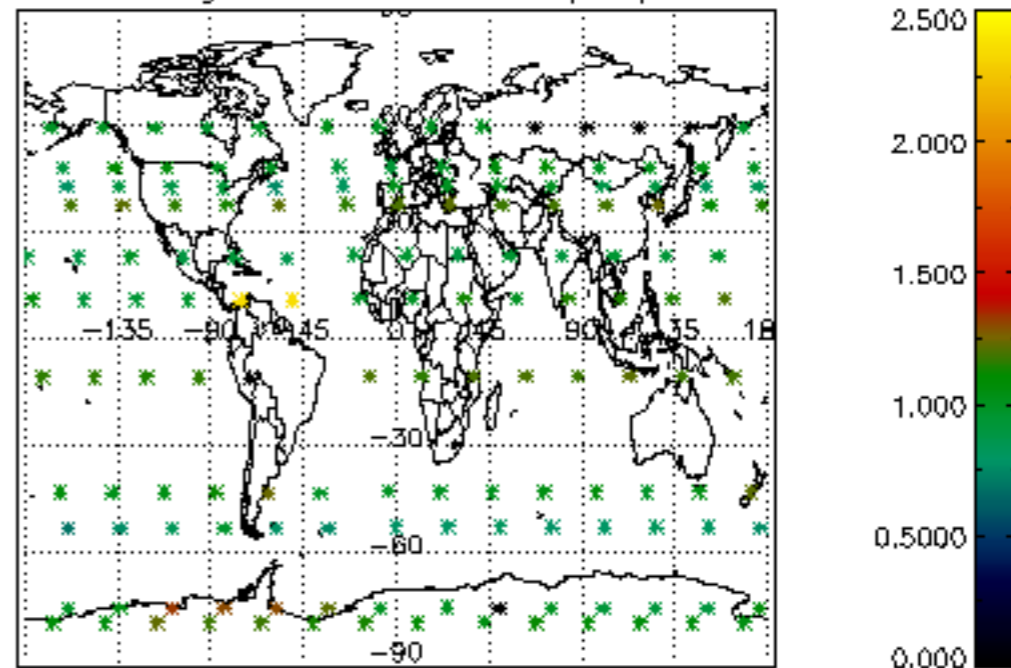




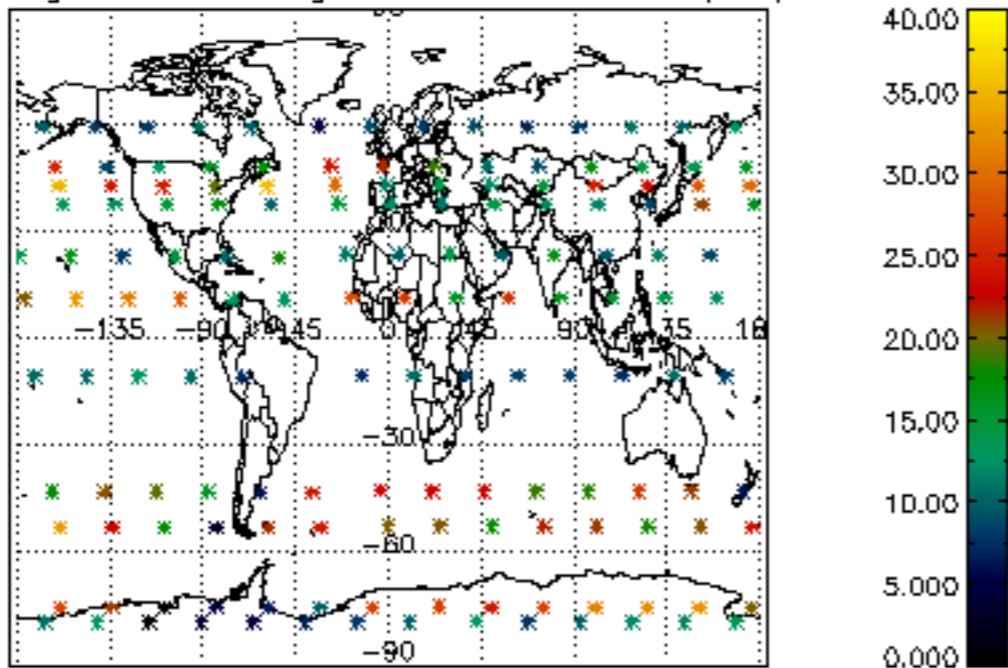
Percentage of cosmic ray hits per profile



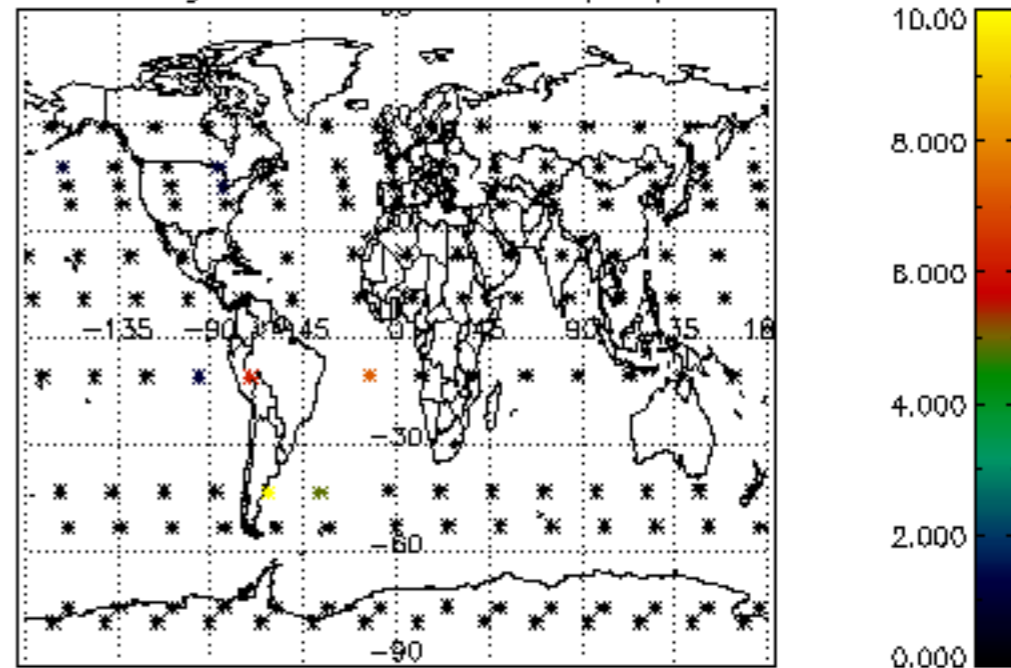
Percentage of datation errors per profile



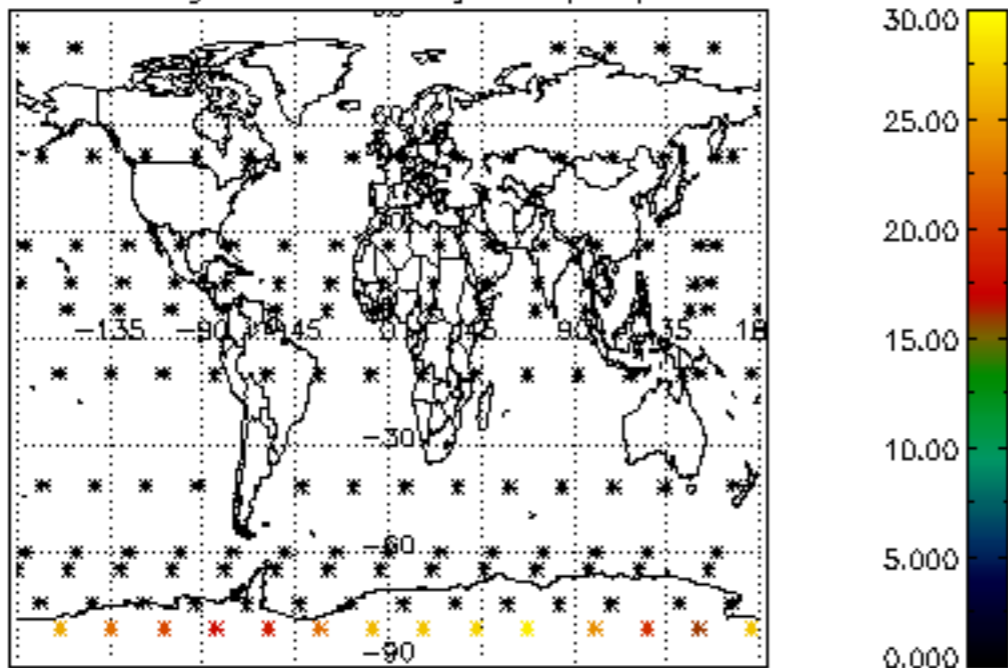
Percentage of star falling outside central band per profile



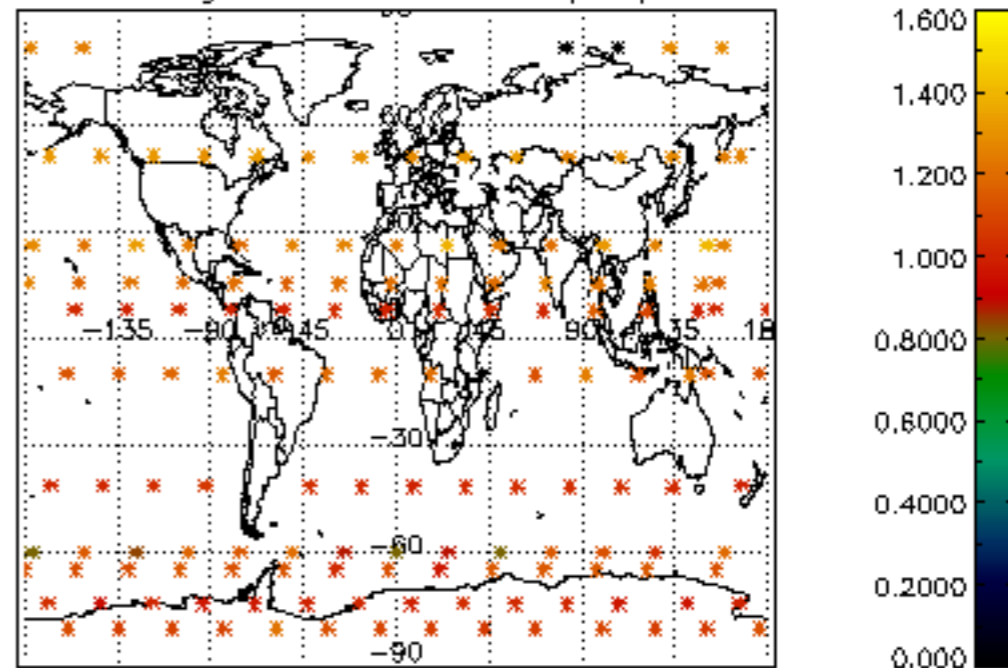
Percentage of saturation errors per profile



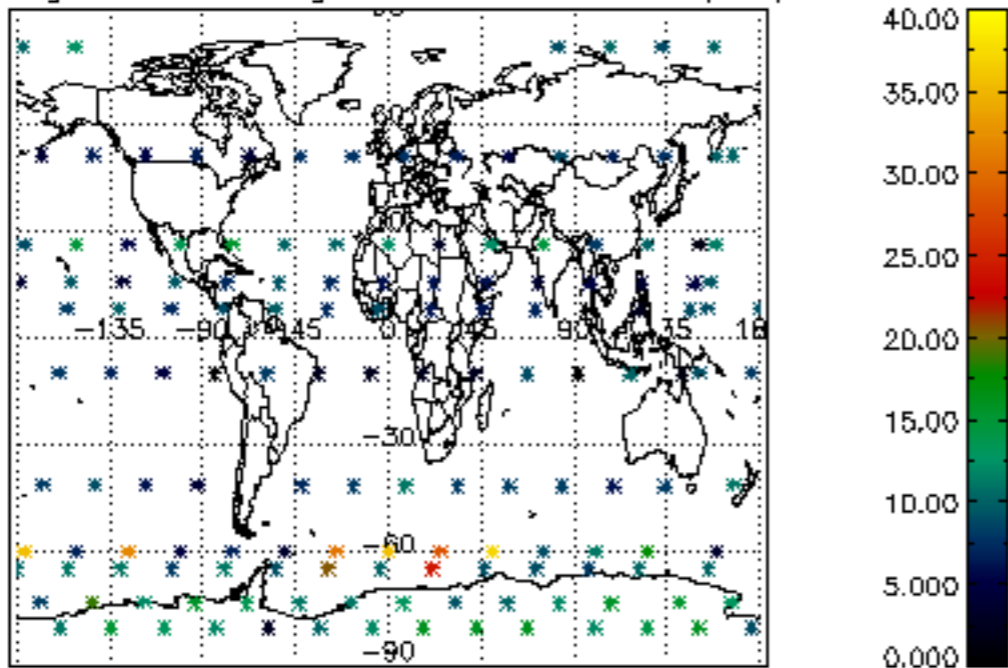
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

