

# GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	29APR2013 12:53:57
Data source version	GOMOS/6.01
Start time of products	11-07-2010 (11JUL2010 00:00:00)
Stop time of products	12-07-2010 (12JUL2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	283
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__2PRFIN20100711_000635_000000562091_00073_43714_0493.N1	11-JUL-2010 00:06:35	Dark	56.000	94	92Alp Cet	2.5260	3100.0	112	43714	No
2	GOM_NL__2PRFIN20100711_000955_000000442091_00073_43714_0494.N1	11-JUL-2010 00:09:55	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	43714	No
3	GOM_NL__2PRFIN20100711_002454_000000532091_00074_43715_0507.N1	11-JUL-2010 00:24:54	Dark	53.000	9	Alp Eri	0.45300	24000.	106	43715	No
4	GOM_NL__2PRFIN20100711_002711_000000542091_00074_43715_0508.N1	11-JUL-2010 00:27:11	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	43715	No
5	GOM_NL__2PRFIN20100711_003320_000000642091_00074_43715_0509.N1	11-JUL-2010 00:33:20	Straylight	63.500	63	Bet Gru	2.1500	2800.0	127	43715	No
6	GOM_NL__2PRFIN20100711_003504_000000502091_00074_43715_0510.N1	11-JUL-2010 00:35:04	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	43715	No
7	GOM_NL__2PRFIN20100711_003813_000000512091_00074_43715_0511.N1	11-JUL-2010 00:38:13	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	43715	No
8	GOM_NL__2PRFIN20100711_004535_000000462091_00074_43715_0512.N1	11-JUL-2010 00:45:35	Bright	45.500	103	38Zet Sgr	2.6000	9700.0	91	43715	No
9	GOM_NL__2PRFIN20100711_004808_000000422091_00074_43715_0513.N1	11-JUL-2010 00:48:08	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	43715	No
10	GOM_NL__2PRFIN20100711_005918_000000422091_00074_43715_0514.N1	11-JUL-2010 00:59:18	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	43715	No
11	GOM_NL__2PRFIN20100711_010621_000000422091_00074_43715_0515.N1	11-JUL-2010 01:06:21	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	43715	No
12	GOM_NL__2PRFIN20100711_010931_000000362091_00074_43715_0516.N1	11-JUL-2010 01:09:31	Bright	35.500	69	33Gam Dra	2.2310	3800.0	71	43715	No
13	GOM_NL__2PRFIN20100711_011715_000000452091_00074_43715_0517.N1	11-JUL-2010 01:17:15	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	43715	No
14	GOM_NL__2PRFIN20100711_012557_000000472091_00074_43715_0518.N1	11-JUL-2010 01:25:57	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	43715	No
15	GOM_NL__2PRFIN20100711_013033_000000422091_00074_43715_0519.N1	11-JUL-2010 01:30:33	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	43715	No
16	GOM_NL__2PRFIN20100711_013230_000000362091_00074_43715_0520.N1	11-JUL-2010 01:32:30	Bright	36.000	175	39Del Per	3.0100	19400.	72	43715	No
17	GOM_NL__2PRFIN20100711_013440_000000452091_00074_43715_0521.N1	11-JUL-2010 01:34:40	Bright	44.500	79	26Bet Per	2.3100	13100.	89	43715	No
18	GOM_NL__2PRFIN20100711_013722_000000442091_00074_43715_0522.N1	11-JUL-2010 01:37:22	Bright	44.000	150	44Zet Per	2.8900	28000.	88	43715	No
19	GOM_NL__2PRFIN20100711_013949_000000432091_00074_43715_0523.N1	11-JUL-2010 01:39:49	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	43715	No
20	GOM_NL__2PRFIN20100711_014712_000000532091_00074_43715_0524.N1	11-JUL-2010 01:47:12	Dark	52.500	94	92Alp Cet	2.5260	3100.0	105	43715	No
21	GOM_NL__2PRFIN20100711_015032_000000422091_00074_43715_0525.N1	11-JUL-2010 01:50:32	Dark	42.000	165	34Gam Eri	2.9500	3200.0	84	43715	No
22	GOM_NL__2PRFIN20100711_015919_000000422091_00074_43715_0526.N1	11-JUL-2010 01:59:19	Dark	42.000	157	The1Eri	2.9060	9300.0	84	43715	No
23	GOM_NL__2PRFIN20100711_020530_000000502091_00075_43716_0543.N1	11-JUL-2010 02:05:30	Dark	50.000	9	Alp Eri	0.45300	24000.	100	43716	No
24	GOM_NL__2PRFIN20100711_020748_000000582091_00075_43716_0544.N1	11-JUL-2010 02:07:48	Dark	58.000	84	Alp Phe	2.3970	4500.0	116	43716	No
25	GOM_NL__2PRFIN20100711_021356_000000642091_00075_43716_0545.N1	11-JUL-2010 02:13:56	Straylight	64.000	63	Bet Gru	2.1500	2800.0	128	43716	No
26	GOM_NL__2PRFIN20100711_021540_000000542091_00075_43716_0546.N1	11-JUL-2010 02:15:40	Straylight	54.000	31	Alp Gru	1.7340	15200.	108	43716	No
27	GOM_NL__2PRFIN20100711_021850_000000532091_00075_43716_0547.N1	11-JUL-2010 02:18:50	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	43716	No
28	GOM_NL__2PRFIN20100711_022611_000000452091_00075_43716_0548.N1	11-JUL-2010 02:26:11	Bright	45.000	103	38Zet Sgr	2.6000	9700.0	90	43716	No
29	GOM_NL__2PRFIN20100711_022845_000000412091_00075_43716_0549.N1	11-JUL-2010 02:28:45	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	43716	No
30	GOM_NL__2PRFIN20100711_023953_000000422091_00075_43716_0550.N1	11-JUL-2010 02:39:53	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	43716	No
31	GOM_NL__2PRFIN20100711_024657_000000442091_00075_43716_0551.N1	11-JUL-2010 02:46:57	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	43716	No
32	GOM_NL__2PRFIN20100711_025007_000000392091_00075_43716_0552.N1	11-JUL-2010 02:50:07	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	43716	No
33	GOM_NL__2PRFIN20100711_025750_000000432091_00075_43716_0553.N1	11-JUL-2010 02:57:50	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	43716	No
34	GOM_NL__2PRFIN20100711_030633_000000482091_00075_43716_0554.N1	11-JUL-2010 03:06:33	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43716	No
35	GOM_NL__2PRFIN20100711_031109_000000592091_00075_43716_0555.N1	11-JUL-2010 03:11:09	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	43716	No
36	GOM_NL__2PRFIN20100711_031306_000000432091_00075_43716_0556.N1	11-JUL-2010 03:13:06	Bright	43.000	175	39Del Per	3.0100	19400.	86	43716	No
37	GOM_NL__2PRFIN20100711_031516_000000452091_00075_43716_0557.N1	11-JUL-2010 03:15:16	Bright	45.000	79	26Bet Per	2.3100	13100.	90	43716	No
38	GOM_NL__2PRFIN20100711_031758_000000432091_00075_43716_0558.N1	11-JUL-2010 03:17:58	Bright	42.500	150	44Zet Per	2.8900	28000.	85	43716	No
39	GOM_NL__2PRFIN20100711_032025_000000442091_00075_43716_0559.N1	11-JUL-2010 03:20:25	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	43716	No
40	GOM_NL__2PRFIN20100711_032749_000000552091_00075_43716_0560.N1	11-JUL-2010 03:27:49	Dark	54.500	94	92Alp Cet	2.5260	3100.0	109	43716	No
41	GOM_NL__2PRFIN20100711_033108_000000432091_00075_43716_0561.N1	11-JUL-2010 03:31:08	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	43716	No
42	GOM_NL__2PRFIN20100711_033956_000000422091_00075_43716_0562.N1	11-JUL-2010 03:39:56	Dark	41.500	157	The1Eri	2.9060	9300.0	83	43716	No

43	GOM_NL__2PRFIN20100711_034607_000000532091_00076_43717_0558.N1	11-JUL-2010 03:46:07	Dark	52.500	9	Alp Eri	0.45300	24000.	105	43717	No
44	GOM_NL__2PRFIN20100711_034825_000000512091_00076_43717_0559.N1	11-JUL-2010 03:48:25	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	43717	No
45	GOM_NL__2PRFIN20100711_035433_000000562091_00076_43717_0560.N1	11-JUL-2010 03:54:33	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	43717	No
46	GOM_NL__2PRFIN20100711_035617_000000502091_00076_43717_0561.N1	11-JUL-2010 03:56:17	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	43717	No
47	GOM_NL__2PRFIN20100711_035927_000000532091_00076_43717_0562.N1	11-JUL-2010 03:59:27	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	43717	No
48	GOM_NL__2PRFIN20100711_040647_000000462091_00076_43717_0563.N1	11-JUL-2010 04:06:47	Bright	46.000	103	38Zet Sgr	2.6000	9700.0	92	43717	No
49	GOM_NL__2PRFIN20100711_040921_000000412091_00076_43717_0564.N1	11-JUL-2010 04:09:21	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	43717	No
50	GOM_NL__2PRFIN20100711_042029_000000612091_00076_43717_0565.N1	11-JUL-2010 04:20:29	Bright	61.000	168	17Zet Aql	2.9860	11000.	122	43717	No
51	GOM_NL__2PRFIN20100711_042733_000000412091_00076_43717_0566.N1	11-JUL-2010 04:27:33	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43717	No
52	GOM_NL__2PRFIN20100711_043043_000000372091_00076_43717_0567.N1	11-JUL-2010 04:30:43	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	43717	No
53	GOM_NL__2PRFIN20100711_043825_000000442091_00076_43717_0568.N1	11-JUL-2010 04:38:25	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43717	No
54	GOM_NL__2PRFIN20100711_044708_000000472091_00076_43717_0569.N1	11-JUL-2010 04:47:08	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43717	No
55	GOM_NL__2PRFIN20100711_045145_000000492091_00076_43717_0570.N1	11-JUL-2010 04:51:45	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	43717	No
56	GOM_NL__2PRFIN20100711_045342_000000452091_00076_43717_0571.N1	11-JUL-2010 04:53:42	Bright	44.500	175	39Del Per	3.0100	19400.	89	43717	No
57	GOM_NL__2PRFIN20100711_045552_000000432091_00076_43717_0572.N1	11-JUL-2010 04:55:52	Bright	43.000	79	26Bet Per	2.3100	13100.	86	43717	No
58	GOM_NL__2PRFIN20100711_045834_000000442091_00076_43717_0573.N1	11-JUL-2010 04:58:34	Bright	44.000	150	44Zet Per	2.8900	28000.	88	43717	No
59	GOM_NL__2PRFIN20100711_050102_000000442091_00076_43717_0574.N1	11-JUL-2010 05:01:02	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	43717	No
60	GOM_NL__2PRFIN20100711_050825_000000532091_00076_43717_0575.N1	11-JUL-2010 05:08:25	Dark	53.000	94	92Alp Cet	2.5260	3100.0	106	43717	No
61	GOM_NL__2PRFIN20100711_051145_000000382091_00076_43717_0576.N1	11-JUL-2010 05:11:45	Dark	38.000	165	34Gam Eri	2.9500	3200.0	76	43717	No
62	GOM_NL__2PRFIN20100711_052032_000000422091_00076_43717_0577.N1	11-JUL-2010 05:20:32	Dark	41.500	157	The1Eri	2.9060	9300.0	83	43717	No
63	GOM_NL__2PRFIN20100711_052644_000000482091_00077_43718_0569.N1	11-JUL-2010 05:26:44	Dark	48.000	9	Alp Eri	0.45300	24000.	96	43718	No
64	GOM_NL__2PRFIN20100711_052902_000000492091_00077_43718_0570.N1	11-JUL-2010 05:29:02	Dark	49.000	84	Alp Phe	2.3970	4500.0	98	43718	No
65	GOM_NL__2PRFIN20100711_053510_000000522091_00077_43718_0571.N1	11-JUL-2010 05:35:10	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	43718	No
66	GOM_NL__2PRFIN20100711_053654_000000492091_00077_43718_0572.N1	11-JUL-2010 05:36:54	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43718	No
67	GOM_NL__2PRFIN20100711_054004_000000512091_00077_43718_0573.N1	11-JUL-2010 05:40:04	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	43718	No
68	GOM_NL__2PRFIN20100711_054723_000000492091_00077_43718_0574.N1	11-JUL-2010 05:47:23	Bright	48.500	103	38Zet Sgr	2.6000	9700.0	97	43718	No
69	GOM_NL__2PRFIN20100711_054957_000000422091_00077_43718_0575.N1	11-JUL-2010 05:49:57	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	43718	No
70	GOM_NL__2PRFIN20100711_060105_000000422091_00077_43718_0576.N1	11-JUL-2010 06:01:05	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	43718	No
71	GOM_NL__2PRFIN20100711_060809_000000432091_00077_43718_0577.N1	11-JUL-2010 06:08:09	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	43718	No
72	GOM_NL__2PRFIN20100711_061119_000000392091_00077_43718_0578.N1	11-JUL-2010 06:11:19	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	43718	No
73	GOM_NL__2PRFIN20100711_061901_000000422091_00077_43718_0579.N1	11-JUL-2010 06:19:01	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43718	No
74	GOM_NL__2PRFIN20100711_062744_000000472091_00077_43718_0580.N1	11-JUL-2010 06:27:44	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43718	No
75	GOM_NL__2PRFIN20100711_063220_000000432091_00077_43718_0581.N1	11-JUL-2010 06:32:20	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	43718	No
76	GOM_NL__2PRFIN20100711_063418_000000362091_00077_43718_0582.N1	11-JUL-2010 06:34:18	Bright	35.500	175	39Del Per	3.0100	19400.	71	43718	No
77	GOM_NL__2PRFIN20100711_063628_000000462091_00077_43718_0583.N1	11-JUL-2010 06:36:28	Bright	46.000	79	26Bet Per	2.3100	13100.	92	43718	No
78	GOM_NL__2PRFIN20100711_063910_000000442091_00077_43718_0584.N1	11-JUL-2010 06:39:10	Bright	43.500	150	44Zet Per	2.8900	28000.	87	43718	No
79	GOM_NL__2PRFIN20100711_064138_000000422091_00077_43718_0585.N1	11-JUL-2010 06:41:38	Twilight	42.000	146	25Eta Tau	2.8730	15200.	84	43718	No
80	GOM_NL__2PRFIN20100711_064902_000000462091_00077_43718_0586.N1	11-JUL-2010 06:49:02	Dark	46.000	94	92Alp Cet	2.5260	3100.0	92	43718	No
81	GOM_NL__2PRFIN20100711_065221_000000432091_00077_43718_0587.N1	11-JUL-2010 06:52:21	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	43718	No
82	GOM_NL__2PRFIN20100711_070109_000000422091_00077_43718_0588.N1	11-JUL-2010 07:01:09	Dark	42.000	157	The1Eri	2.9060	9300.0	84	43718	No
83	GOM_NL__2PRFIN20100711_070720_000000492091_00078_43719_0582.N1	11-JUL-2010 07:07:20	Dark	48.500	9	Alp Eri	0.45300	24000.	97	43719	No
84	GOM_NL__2PRFIN20100711_070939_000000632091_00078_43719_0583.N1	11-JUL-2010 07:09:39	Dark	63.000	84	Alp Phe	2.3970	4500.0	126	43719	No
85	GOM_NL__2PRFIN20100711_071547_000000672091_00078_43719_0584.N1	11-JUL-2010 07:15:47	Straylight	66.500	63	Bet Gru	2.1500	2800.0	133	43719	No
86	GOM_NL__2PRFIN20100711_071731_000000592091_00078_43719_0585.N1	11-JUL-2010 07:17:31	Straylight	58.500	31	Alp Gru	1.7340	15200.	117	43719	No
87	GOM_NL__2PRFIN20100711_072041_000000522091_00078_43719_0586.N1	11-JUL-2010 07:20:41	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	43719	No
88	GOM_NL__2PRFIN20100711_072800_000000412091_00078_43719_0587.N1	11-JUL-2010 07:28:00	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	43719	No
89	GOM_NL__2PRFIN20100711_073033_000000422091_00078_43719_0588.N1	11-JUL-2010 07:30:33	Bright	42.000	155	41Pi Sgr	2.9000	6600.0	84	43719	No
90	GOM_NL__2PRFIN20100711_074141_000000412091_00078_43719_0589.N1	11-JUL-2010 07:41:41	Bright	41.000	168	17Zet Aql	2.9860	11000.	82	43719	No
91	GOM_NL__2PRFIN20100711_074844_000000402091_00078_43719_0590.N1	11-JUL-2010 07:48:44	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	43719	No
92	GOM_NL__2PRFIN20100711_075155_000000402091_00078_43719_0591.N1	11-JUL-2010 07:51:55	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	43719	No
93	GOM_NL__2PRFIN20100711_075937_000000452091_00078_43719_0592.N1	11-JUL-2010 07:59:37	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43719	No
94	GOM_NL__2PRFIN20100711_080820_000000672091_00078_43719_0593.N1	11-JUL-2010 08:08:20	Bright	67.000	76	27Gam Cas	2.3000	30000.	134	43719	No
95	GOM_NL__2PRFIN20100711_081256_000000412091_00078_43719_0594.N1	11-JUL-2010 08:12:56	Bright	40.500	160	23Gam Per	2.9300	4700.0	81	43719	No
96	GOM_NL__2PRFIN20100711_081454_000000362091_00078_43719_0595.N1	11-JUL-2010 08:14:54	Bright	35.500	175	39Del Per	3.0100	19400.	71	43719	No
97	GOM_NL__2PRFIN20100711_081704_000000422091_00078_43719_0596.N1	11-JUL-2010 08:17:04	Bright	42.000	79	26Bet Per	2.3100	13100.	84	43719	No
98	GOM_NL__2PRFIN20100711_081947_000000432091_00078_43719_0597.N1	11-JUL-2010 08:19:47	Bright	43.000	150	44Zet Per	2.8900	28000.	86	43719	No
99	GOM_NL__2PRFIN20100711_082214_000000422091_00078_43719_0598.N1	11-JUL-2010 08:22:14	Twilight	42.000	146	25Eta Tau	2.8730	15200.	84	43719	No
100	GOM_NL__2PRFIN20100711_082938_000000552091_00078_43719_0599.N1	11-JUL-2010 08:29:38	Dark	54.500	94	92Alp Cet	2.5260	3100.0	109	43719	No
101	GOM_NL__2PRFIN20100711_083258_000000452091_00078_43719_0600.N1	11-JUL-2010 08:32:58	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	43719	No

102	GOM_NL__2PRFIN20100711_084145_000000412091_00078_43719_0601.N1	11-JUL-2010 08:41:45	Dark	40.500	157	The1Eri	2.9060	9300.0	81	43719	No
103	GOM_NL__2PRFIN20100711_084757_000000482091_00079_43720_0641.N1	11-JUL-2010 08:47:57	Dark	48.000	9	Alp Eri	0.45300	24000.	96	43720	No
104	GOM_NL__2PRFIN20100711_085017_000000512091_00079_43720_0642.N1	11-JUL-2010 08:50:17	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	43720	No
105	GOM_NL__2PRFIN20100711_085624_000000672091_00079_43720_0643.N1	11-JUL-2010 08:56:24	Straylight	66.500	63	Bet Gru	2.1500	2800.0	133	43720	No
106	GOM_NL__2PRFIN20100711_085808_000000492091_00079_43720_0644.N1	11-JUL-2010 08:58:08	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43720	No
107	GOM_NL__2PRFIN20100711_090117_000000552091_00079_43720_0645.N1	11-JUL-2010 09:01:17	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	43720	No
108	GOM_NL__2PRFIN20100711_090836_000000462091_00079_43720_0646.N1	11-JUL-2010 09:08:36	Bright	46.000	103	38Zet Sgr	2.6000	9700.0	92	43720	No
109	GOM_NL__2PRFIN20100711_091109_000000412091_00079_43720_0647.N1	11-JUL-2010 09:11:09	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	43720	No
110	GOM_NL__2PRFIN20100711_092216_000000422091_00079_43720_0648.N1	11-JUL-2010 09:22:16	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	43720	No
111	GOM_NL__2PRFIN20100711_092920_000000432091_00079_43720_0649.N1	11-JUL-2010 09:29:20	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	43720	No
112	GOM_NL__2PRFIN20100711_093230_000000402091_00079_43720_0650.N1	11-JUL-2010 09:32:30	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	43720	No
113	GOM_NL__2PRFIN20100711_094011_000000422091_00079_43720_0651.N1	11-JUL-2010 09:40:11	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43720	No
114	GOM_NL__2PRFIN20100711_094855_000000472091_00079_43720_0652.N1	11-JUL-2010 09:48:55	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	43720	No
115	GOM_NL__2PRFIN20100711_095332_000000392091_00079_43720_0653.N1	11-JUL-2010 09:53:32	Bright	39.000	160	23Gam Per	2.9300	4700.0	78	43720	No
116	GOM_NL__2PRFIN20100711_095530_000000562091_00079_43720_0654.N1	11-JUL-2010 09:55:30	Bright	56.000	175	39Del Per	3.0100	19400.	112	43720	No
117	GOM_NL__2PRFIN20100711_095740_000000462091_00079_43720_0655.N1	11-JUL-2010 09:57:40	Bright	46.000	79	26Bet Per	2.3100	13100.	92	43720	No
118	GOM_NL__2PRFIN20100711_100023_000000432091_00079_43720_0656.N1	11-JUL-2010 10:00:23	Bright	43.000	150	44Zet Per	2.8900	28000.	86	43720	No
119	GOM_NL__2PRFIN20100711_100250_000000412091_00079_43720_0657.N1	11-JUL-2010 10:02:50	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	43720	No
120	GOM_NL__2PRFIN20100711_101015_000000552091_00079_43720_0658.N1	11-JUL-2010 10:10:15	Dark	55.000	94	92Alp Cet	2.5260	3100.0	110	43720	No
121	GOM_NL__2PRFIN20100711_101334_000000442091_00079_43720_0659.N1	11-JUL-2010 10:13:34	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	43720	No
122	GOM_NL__2PRFIN20100711_102222_000000402091_00079_43720_0660.N1	11-JUL-2010 10:22:22	Dark	39.500	157	The1Eri	2.9060	9300.0	79	43720	No
123	GOM_NL__2PRFIN20100711_102833_000000442091_00080_43721_0672.N1	11-JUL-2010 10:28:33	Dark	43.500	9	Alp Eri	0.45300	24000.	87	43721	No
124	GOM_NL__2PRFIN20100711_103053_000000512091_00080_43721_0673.N1	11-JUL-2010 10:30:53	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	43721	No
125	GOM_NL__2PRFIN20100711_103700_000000542091_00080_43721_0674.N1	11-JUL-2010 10:37:00	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	43721	No
126	GOM_NL__2PRFIN20100711_103844_000000492091_00080_43721_0675.N1	11-JUL-2010 10:38:44	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	43721	No
127	GOM_NL__2PRFIN20100711_104154_000000542091_00080_43721_0676.N1	11-JUL-2010 10:41:54	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	43721	No
128	GOM_NL__2PRFIN20100711_104912_000000522091_00080_43721_0677.N1	11-JUL-2010 10:49:12	Bright	51.500	103	38Zet Sgr	2.6000	9700.0	103	43721	No
129	GOM_NL__2PRFIN20100711_105145_000000412091_00080_43721_0678.N1	11-JUL-2010 10:51:45	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	43721	No
130	GOM_NL__2PRFIN20100711_110252_000000422091_00080_43721_0679.N1	11-JUL-2010 11:02:52	Bright	42.000	168	17Zet Aql	2.9860	11000.	84	43721	No
131	GOM_NL__2PRFIN20100711_110955_000000382091_00080_43721_0680.N1	11-JUL-2010 11:09:55	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	43721	No
132	GOM_NL__2PRFIN20100711_111306_000000402091_00080_43721_0681.N1	11-JUL-2010 11:13:06	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	43721	No
133	GOM_NL__2PRFIN20100711_112047_000000462091_00080_43721_0682.N1	11-JUL-2010 11:20:47	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	43721	No
134	GOM_NL__2PRFIN20100711_112930_000000472091_00080_43721_0683.N1	11-JUL-2010 11:29:30	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43721	No
135	GOM_NL__2PRFIN20100711_113408_000000592091_00080_43721_0684.N1	11-JUL-2010 11:34:08	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	43721	No
136	GOM_NL__2PRFIN20100711_113606_000000562091_00080_43721_0685.N1	11-JUL-2010 11:36:06	Bright	56.000	175	39Del Per	3.0100	19400.	112	43721	No
137	GOM_NL__2PRFIN20100711_113816_000000452091_00080_43721_0686.N1	11-JUL-2010 11:38:16	Bright	44.500	79	26Bet Per	2.3100	13100.	89	43721	No
138	GOM_NL__2PRFIN20100711_114059_000000442091_00080_43721_0687.N1	11-JUL-2010 11:40:59	Bright	43.500	150	44Zet Per	2.8900	28000.	87	43721	No
139	GOM_NL__2PRFIN20100711_114326_000000392091_00080_43721_0688.N1	11-JUL-2010 11:43:26	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	43721	No
140	GOM_NL__2PRFIN20100711_115052_000000602091_00080_43721_0689.N1	11-JUL-2010 11:50:52	Dark	59.500	94	92Alp Cet	2.5260	3100.0	119	43721	No
141	GOM_NL__2PRFIN20100711_115410_000000452091_00080_43721_0690.N1	11-JUL-2010 11:54:10	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	43721	No
142	GOM_NL__2PRFIN20100711_120258_000000412091_00080_43721_0691.N1	11-JUL-2010 12:02:58	Dark	41.000	157	The1Eri	2.9060	9300.0	82	43721	No
143	GOM_NL__2PRFIN20100711_120910_000000532091_00081_43722_0703.N1	11-JUL-2010 12:09:10	Dark	53.000	9	Alp Eri	0.45300	24000.	106	43722	No
144	GOM_NL__2PRFIN20100711_121131_000000522091_00081_43722_0704.N1	11-JUL-2010 12:11:31	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	43722	No
145	GOM_NL__2PRFIN20100711_121737_000000562091_00081_43722_0705.N1	11-JUL-2010 12:17:37	Straylight	55.500	63	Bet Gru	2.1500	2800.0	111	43722	No
146	GOM_NL__2PRFIN20100711_121921_000000482091_00081_43722_0706.N1	11-JUL-2010 12:19:21	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	43722	No
147	GOM_NL__2PRFIN20100711_122231_000000552091_00081_43722_0707.N1	11-JUL-2010 12:22:31	Straylight	54.500	172	Gam Gru	3.0030	13100.	109	43722	No
148	GOM_NL__2PRFIN20100711_122948_000000442091_00081_43722_0708.N1	11-JUL-2010 12:29:48	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	43722	No
149	GOM_NL__2PRFIN20100711_123221_000000382091_00081_43722_0709.N1	11-JUL-2010 12:32:21	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	43722	No
150	GOM_NL__2PRFIN20100711_124328_000000432091_00081_43722_0710.N1	11-JUL-2010 12:43:28	Bright	42.500	168	17Zet Aql	2.9860	11000.	85	43722	No
151	GOM_NL__2PRFIN20100711_125031_000000432091_00081_43722_0711.N1	11-JUL-2010 12:50:31	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	43722	No
152	GOM_NL__2PRFIN20100711_125342_000000392091_00081_43722_0712.N1	11-JUL-2010 12:53:42	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	43722	No
153	GOM_NL__2PRFIN20100711_131006_000000632091_00081_43722_0713.N1	11-JUL-2010 13:10:06	Bright	63.000	76	27Gam Cas	2.3000	30000.	126	43722	No
154	GOM_NL__2PRFIN20100711_131443_000000412091_00081_43722_0714.N1	11-JUL-2010 13:14:43	Bright	40.500	160	23Gam Per	2.9300	4700.0	81	43722	No
155	GOM_NL__2PRFIN20100711_131642_000000422091_00081_43722_0715.N1	11-JUL-2010 13:16:42	Bright	42.000	175	39Del Per	3.0100	19400.	84	43722	No
156	GOM_NL__2PRFIN20100711_131852_000000452091_00081_43722_0716.N1	11-JUL-2010 13:18:52	Bright	45.000	79	26Bet Per	2.3100	13100.	90	43722	No
157	GOM_NL__2PRFIN20100711_132135_000000432091_00081_43722_0717.N1	11-JUL-2010 13:21:35	Bright	42.500	150	44Zet Per	2.8900	28000.	85	43722	No
158	GOM_NL__2PRFIN20100711_132403_000000442091_00081_43722_0718.N1	11-JUL-2010 13:24:03	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	43722	No
159	GOM_NL__2PRFIN20100711_133128_000000572091_00081_43722_0719.N1	11-JUL-2010 13:31:28	Dark	56.500	94	92Alp Cet	2.5260	3100.0	113	43722	No
160	GOM_NL__2PRFIN20100711_133447_000000452091_00081_43722_0720.N1	11-JUL-2010 13:34:47	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	43722	No



161	GOM_NL__2PRFIN20100711_134335_000000442091_00081_43722_0721.N1	11-JUL-2010 13:43:35	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43722	No
162	GOM_NL__2PRFIN20100711_134946_000000482091_00082_43723_0737.N1	11-JUL-2010 13:49:46	Dark	47.500	9	Alp Eri	0.45300	24000.	95	43723	No
163	GOM_NL__2PRFIN20100711_135208_000000512091_00082_43723_0738.N1	11-JUL-2010 13:52:08	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	43723	No
164	GOM_NL__2PRFIN20100711_135814_000000522091_00082_43723_0739.N1	11-JUL-2010 13:58:14	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	43723	No
165	GOM_NL__2PRFIN20100711_135957_000000522091_00082_43723_0740.N1	11-JUL-2010 13:59:57	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	43723	No
166	GOM_NL__2PRFIN20100711_140308_000000542091_00082_43723_0741.N1	11-JUL-2010 14:03:08	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	43723	No
167	GOM_NL__2PRFIN20100711_141024_000000482091_00082_43723_0742.N1	11-JUL-2010 14:10:24	Bright	48.000	103	38Zet Sgr	2.6000	9700.0	96	43723	No
168	GOM_NL__2PRFIN20100711_141257_000000412091_00082_43723_0743.N1	11-JUL-2010 14:12:57	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	43723	No
169	GOM_NL__2PRFIN20100711_142403_000000412091_00082_43723_0744.N1	11-JUL-2010 14:24:03	Bright	41.000	168	17Zet Aql	2.9860	11000.	82	43723	No
170	GOM_NL__2PRFIN20100711_143107_000000432091_00082_43723_0745.N1	11-JUL-2010 14:31:07	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	43723	No
171	GOM_NL__2PRFIN20100711_143418_000000352091_00082_43723_0746.N1	11-JUL-2010 14:34:18	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	43723	No
172	GOM_NL__2PRFIN20100711_144157_000000412091_00082_43723_0747.N1	11-JUL-2010 14:41:57	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	43723	No
173	GOM_NL__2PRFIN20100711_145042_000000482091_00082_43723_0748.N1	11-JUL-2010 14:50:42	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43723	No
174	GOM_NL__2PRFIN20100711_145519_000000402091_00082_43723_0749.N1	11-JUL-2010 14:55:19	Bright	39.500	160	23Gam Per	2.9300	4700.0	79	43723	No
175	GOM_NL__2PRFIN20100711_145718_000000372091_00082_43723_0750.N1	11-JUL-2010 14:57:18	Bright	36.500	175	39Del Per	3.0100	19400.	73	43723	No
176	GOM_NL__2PRFIN20100711_145928_000000462091_00082_43723_0751.N1	11-JUL-2010 14:59:28	Bright	45.500	79	26Bet Per	2.3100	13100.	91	43723	No
177	GOM_NL__2PRFIN20100711_150211_000000452091_00082_43723_0752.N1	11-JUL-2010 15:02:11	Bright	45.000	150	44Zet Per	2.8900	28000.	90	43723	No
178	GOM_NL__2PRFIN20100711_150439_000000452091_00082_43723_0753.N1	11-JUL-2010 15:04:39	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	43723	No
179	GOM_NL__2PRFIN20100711_151205_000000542091_00082_43723_0754.N1	11-JUL-2010 15:12:05	Dark	54.000	94	92Alp Cet	2.5260	3100.0	108	43723	No
180	GOM_NL__2PRFIN20100711_151523_000000482091_00082_43723_0755.N1	11-JUL-2010 15:15:23	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	43723	No
181	GOM_NL__2PRFIN20100711_152411_000000412091_00082_43723_0756.N1	11-JUL-2010 15:24:11	Dark	41.000	157	The1Eri	2.9060	9300.0	82	43723	No
182	GOM_NL__2PRFIN20100711_153023_000000492091_00083_43724_0770.N1	11-JUL-2010 15:30:23	Dark	48.500	9	Alp Eri	0.45300	24000.	97	43724	No
183	GOM_NL__2PRFIN20100711_153245_000000512091_00083_43724_0771.N1	11-JUL-2010 15:32:45	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	43724	No
184	GOM_NL__2PRFIN20100711_153851_000000512091_00083_43724_0772.N1	11-JUL-2010 15:38:51	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	43724	No
185	GOM_NL__2PRFIN20100711_154034_000000502091_00083_43724_0773.N1	11-JUL-2010 15:40:34	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	43724	No
186	GOM_NL__2PRFIN20100711_154344_000000532091_00083_43724_0774.N1	11-JUL-2010 15:43:44	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	43724	No
187	GOM_NL__2PRFIN20100711_155100_000000442091_00083_43724_0775.N1	11-JUL-2010 15:51:00	Bright	44.000	103	38Zet Sgr	2.6000	9700.0	88	43724	No
188	GOM_NL__2PRFIN20100711_155333_000000422091_00083_43724_0776.N1	11-JUL-2010 15:53:33	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	43724	No
189	GOM_NL__2PRFIN20100711_160439_000000442091_00083_43724_0777.N1	11-JUL-2010 16:04:39	Bright	44.000	168	17Zet Aql	2.9860	11000.	88	43724	No
190	GOM_NL__2PRFIN20100711_161142_000000422091_00083_43724_0778.N1	11-JUL-2010 16:11:42	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	43724	No
191	GOM_NL__2PRFIN20100711_161454_000000392091_00083_43724_0779.N1	11-JUL-2010 16:14:54	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	43724	No
192	GOM_NL__2PRFIN20100711_162233_000000462091_00083_43724_0780.N1	11-JUL-2010 16:22:33	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	43724	No
193	GOM_NL__2PRFIN20100711_163117_000000472091_00083_43724_0781.N1	11-JUL-2010 16:31:17	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43724	No
194	GOM_NL__2PRFIN20100711_163555_000000592091_00083_43724_0782.N1	11-JUL-2010 16:35:55	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	43724	No
195	GOM_NL__2PRFIN20100711_163712_000000402091_00083_43724_0783.N1	11-JUL-2010 16:37:12	Bright	40.000	35	33Alp Per	1.7950	6250.0	80	43724	No
196	GOM_NL__2PRFIN20100711_164004_000000452091_00083_43724_0784.N1	11-JUL-2010 16:40:04	Bright	44.500	79	26Bet Per	2.3100	13100.	89	43724	No
197	GOM_NL__2PRFIN20100711_164247_000000452091_00083_43724_0785.N1	11-JUL-2010 16:42:47	Bright	45.000	150	44Zet Per	2.8900	28000.	90	43724	No
198	GOM_NL__2PRFIN20100711_164515_000000452091_00083_43724_0786.N1	11-JUL-2010 16:45:15	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	43724	No
199	GOM_NL__2PRFIN20100711_165241_000000532091_00083_43724_0787.N1	11-JUL-2010 16:52:41	Dark	53.000	94	92Alp Cet	2.5260	3100.0	106	43724	No
200	GOM_NL__2PRFIN20100711_165559_000000442091_00083_43724_0788.N1	11-JUL-2010 16:55:59	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	43724	No
201	GOM_NL__2PRFIN20100711_170448_000000412091_00083_43724_0789.N1	11-JUL-2010 17:04:48	Dark	41.000	157	The1Eri	2.9060	9300.0	82	43724	No
202	GOM_NL__2PRFIN20100711_171059_000000522091_00084_43725_0811.N1	11-JUL-2010 17:10:59	Dark	52.000	9	Alp Eri	0.45300	24000.	104	43725	No
203	GOM_NL__2PRFIN20100711_171322_000000522091_00084_43725_0812.N1	11-JUL-2010 17:13:22	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	43725	No
204	GOM_NL__2PRFIN20100711_171928_000000502091_00084_43725_0813.N1	11-JUL-2010 17:19:28	Straylight	49.500	63	Bet Gru	2.1500	2800.0	99	43725	No
205	GOM_NL__2PRFIN20100711_172111_000000482091_00084_43725_0814.N1	11-JUL-2010 17:21:11	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	43725	No
206	GOM_NL__2PRFIN20100711_172421_000000522091_00084_43725_0815.N1	11-JUL-2010 17:24:21	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	43725	No
207	GOM_NL__2PRFIN20100711_173136_000000412091_00084_43725_0816.N1	11-JUL-2010 17:31:36	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	43725	No
208	GOM_NL__2PRFIN20100711_173410_000000412091_00084_43725_0817.N1	11-JUL-2010 17:34:10	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	43725	No
209	GOM_NL__2PRFIN20100711_174515_000000422091_00084_43725_0818.N1	11-JUL-2010 17:45:15	Bright	42.000	168	17Zet Aql	2.9860	11000.	84	43725	No
210	GOM_NL__2PRFIN20100711_175218_000000422091_00084_43725_0819.N1	11-JUL-2010 17:52:18	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	43725	No
211	GOM_NL__2PRFIN20100711_175530_000000392091_00084_43725_0820.N1	11-JUL-2010 17:55:30	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	43725	No
212	GOM_NL__2PRFIN20100711_180308_000000452091_00084_43725_0821.N1	11-JUL-2010 18:03:08	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	43725	No
213	GOM_NL__2PRFIN20100711_181152_000000482091_00084_43725_0822.N1	11-JUL-2010 18:11:52	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43725	No
214	GOM_NL__2PRFIN20100711_181631_000000452091_00084_43725_0823.N1	11-JUL-2010 18:16:31	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	43725	No
215	GOM_NL__2PRFIN20100711_181747_000000432091_00084_43725_0824.N1	11-JUL-2010 18:17:47	Bright	43.000	35	33Alp Per	1.7950	6250.0	86	43725	No
216	GOM_NL__2PRFIN20100711_182040_000000452091_00084_43725_0825.N1	11-JUL-2010 18:20:40	Bright	45.000	79	26Bet Per	2.3100	13100.	90	43725	No
217	GOM_NL__2PRFIN20100711_182323_000000462091_00084_43725_0826.N1	11-JUL-2010 18:23:23	Bright	46.000	150	44Zet Per	2.8900	28000.	92	43725	No
218	GOM_NL__2PRFIN20100711_182551_000000422091_00084_43725_0827.N1	11-JUL-2010 18:25:51	Twilight	41.500	146	25Eta Tau	2.8730	15200.	83	43725	No
219	GOM_NL__2PRFIN20100711_183318_000000582091_00084_43725_0828.N1	11-JUL-2010 18:33:18	Dark	57.500	94	92Alp Cet	2.5260	3100.0	115	43725	No

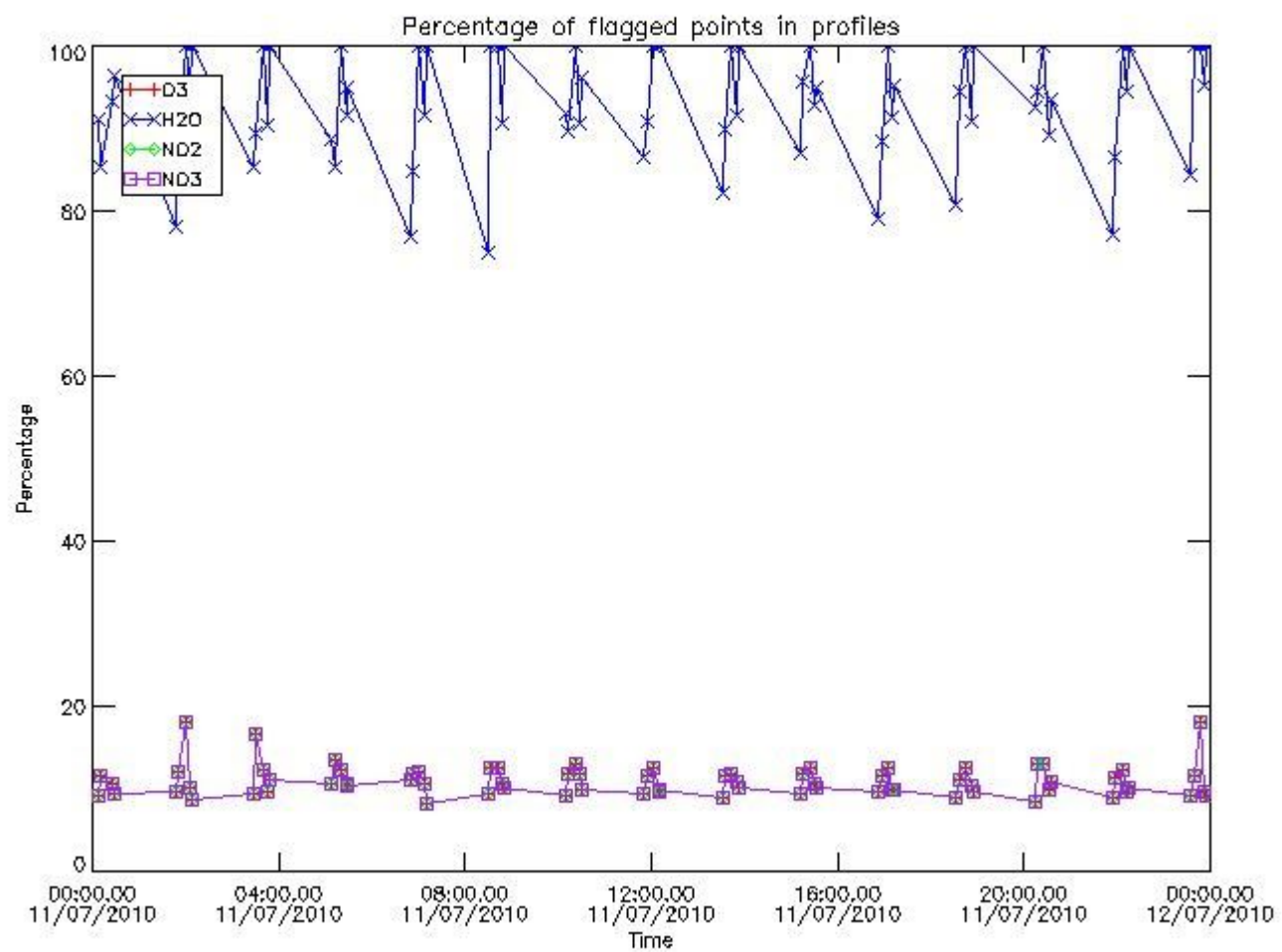
220	GOM_NL__2PRFIN20100711_183635_000000462091_00084_43725_0829.N1	11-JUL-2010 18:36:35	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	43725	No
221	GOM_NL__2PRFIN20100711_184524_000000412091_00084_43725_0830.N1	11-JUL-2010 18:45:24	Dark	40.500	157	The1Eri	2.9060	9300.0	81	43725	No
222	GOM_NL__2PRFIN20100711_185136_000000492091_00085_43726_0859.N1	11-JUL-2010 18:51:36	Dark	49.000	9	Alp Eri	0.45300	24000.	98	43726	No
223	GOM_NL__2PRFIN20100711_185359_000000542091_00085_43726_0860.N1	11-JUL-2010 18:53:59	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	43726	No
224	GOM_NL__2PRFIN20100711_190005_000000502091_00085_43726_0861.N1	11-JUL-2010 19:00:05	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	43726	No
225	GOM_NL__2PRFIN20100711_190147_000000472091_00085_43726_0862.N1	11-JUL-2010 19:01:47	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	43726	No
226	GOM_NL__2PRFIN20100711_190458_000000522091_00085_43726_0863.N1	11-JUL-2010 19:04:58	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	43726	No
227	GOM_NL__2PRFIN20100711_191213_000000482091_00085_43726_0864.N1	11-JUL-2010 19:12:13	Bright	47.500	103	38Zet Sgr	2.6000	9700.0	95	43726	No
228	GOM_NL__2PRFIN20100711_191446_000000412091_00085_43726_0865.N1	11-JUL-2010 19:14:46	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	43726	No
229	GOM_NL__2PRFIN20100711_192550_000000412091_00085_43726_0866.N1	11-JUL-2010 19:25:50	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	43726	No
230	GOM_NL__2PRFIN20100711_193254_000000442091_00085_43726_0867.N1	11-JUL-2010 19:32:54	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	43726	No
231	GOM_NL__2PRFIN20100711_193606_000000402091_00085_43726_0868.N1	11-JUL-2010 19:36:06	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	43726	No
232	GOM_NL__2PRFIN20100711_194343_000000422091_00085_43726_0869.N1	11-JUL-2010 19:43:43	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43726	No
233	GOM_NL__2PRFIN20100711_195228_000000642091_00085_43726_0870.N1	11-JUL-2010 19:52:28	Bright	64.000	76	27Gam Cas	2.3000	30000.	128	43726	No
234	GOM_NL__2PRFIN20100711_195707_000000392091_00085_43726_0871.N1	11-JUL-2010 19:57:07	Bright	39.000	160	23Gam Per	2.9300	4700.0	78	43726	No
235	GOM_NL__2PRFIN20100711_195823_000000422091_00085_43726_0872.N1	11-JUL-2010 19:58:23	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	43726	No
236	GOM_NL__2PRFIN20100711_200116_000000432091_00085_43726_0873.N1	11-JUL-2010 20:01:16	Bright	42.500	79	26Bet Per	2.3100	13100.	85	43726	No
237	GOM_NL__2PRFIN20100711_200359_000000442091_00085_43726_0874.N1	11-JUL-2010 20:03:59	Bright	44.000	150	44Zet Per	2.8900	28000.	88	43726	No
238	GOM_NL__2PRFIN20100711_200627_000000452091_00085_43726_0875.N1	11-JUL-2010 20:06:27	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	43726	No
239	GOM_NL__2PRFIN20100711_201354_000000612091_00085_43726_0876.N1	11-JUL-2010 20:13:54	Dark	61.000	94	92Alp Cet	2.5260	3100.0	122	43726	No
240	GOM_NL__2PRFIN20100711_201712_000000472091_00085_43726_0877.N1	11-JUL-2010 20:17:12	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	43726	No
241	GOM_NL__2PRFIN20100711_202601_000000402091_00085_43726_0878.N1	11-JUL-2010 20:26:01	Dark	39.500	157	The1Eri	2.9060	9300.0	79	43726	No
242	GOM_NL__2PRFIN20100711_203212_000000522091_00086_43727_0883.N1	11-JUL-2010 20:32:12	Dark	51.500	9	Alp Eri	0.45300	24000.	103	43727	No
243	GOM_NL__2PRFIN20100711_203436_000000472091_00086_43727_0884.N1	11-JUL-2010 20:34:36	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	43727	No
244	GOM_NL__2PRFIN20100711_204041_000000502091_00086_43727_0885.N1	11-JUL-2010 20:40:41	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	43727	No
245	GOM_NL__2PRFIN20100711_204224_000000472091_00086_43727_0886.N1	11-JUL-2010 20:42:24	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	43727	No
246	GOM_NL__2PRFIN20100711_204535_000000542091_00086_43727_0887.N1	11-JUL-2010 20:45:35	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	43727	No
247	GOM_NL__2PRFIN20100711_205249_000000412091_00086_43727_0888.N1	11-JUL-2010 20:52:49	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	43727	No
248	GOM_NL__2PRFIN20100711_205522_000000422091_00086_43727_0889.N1	11-JUL-2010 20:55:22	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	43727	No
249	GOM_NL__2PRFIN20100711_210626_000000432091_00086_43727_0890.N1	11-JUL-2010 21:06:26	Bright	42.500	168	17Zet Aql	2.9860	11000.	85	43727	No
250	GOM_NL__2PRFIN20100711_211330_000000402091_00086_43727_0891.N1	11-JUL-2010 21:13:30	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	43727	No
251	GOM_NL__2PRFIN20100711_211641_000000402091_00086_43727_0892.N1	11-JUL-2010 21:16:41	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	43727	No
252	GOM_NL__2PRFIN20100711_212419_000000462091_00086_43727_0893.N1	11-JUL-2010 21:24:19	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	43727	No
253	GOM_NL__2PRFIN20100711_213303_000000482091_00086_43727_0894.N1	11-JUL-2010 21:33:03	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43727	No
254	GOM_NL__2PRFIN20100711_213742_000000592091_00086_43727_0895.N1	11-JUL-2010 21:37:42	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	43727	No
255	GOM_NL__2PRFIN20100711_213859_000000402091_00086_43727_0896.N1	11-JUL-2010 21:38:59	Bright	39.500	35	33Alp Per	1.7950	6250.0	79	43727	No
256	GOM_NL__2PRFIN20100711_214152_000000442091_00086_43727_0897.N1	11-JUL-2010 21:41:52	Bright	44.000	79	26Bet Per	2.3100	13100.	88	43727	No
257	GOM_NL__2PRFIN20100711_214435_000000442091_00086_43727_0898.N1	11-JUL-2010 21:44:35	Bright	43.500	150	44Zet Per	2.8900	28000.	87	43727	No
258	GOM_NL__2PRFIN20100711_214704_000000412091_00086_43727_0899.N1	11-JUL-2010 21:47:04	Twilight	41.000	146	25Eta Tau	2.8730	15200.	82	43727	No
259	GOM_NL__2PRFIN20100711_215431_000000582091_00086_43727_0900.N1	11-JUL-2010 21:54:31	Dark	57.500	94	92Alp Cet	2.5260	3100.0	115	43727	No
260	GOM_NL__2PRFIN20100711_215748_000000452091_00086_43727_0901.N1	11-JUL-2010 21:57:48	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	43727	No
261	GOM_NL__2PRFIN20100711_220638_000000422091_00086_43727_0902.N1	11-JUL-2010 22:06:38	Dark	41.500	157	The1Eri	2.9060	9300.0	83	43727	No
262	GOM_NL__2PRFIN20100711_221249_000000542091_00087_43728_0896.N1	11-JUL-2010 22:12:49	Dark	53.500	9	Alp Eri	0.45300	24000.	107	43728	No
263	GOM_NL__2PRFIN20100711_221513_000000502091_00087_43728_0897.N1	11-JUL-2010 22:15:13	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	43728	No
264	GOM_NL__2PRFIN20100711_222118_000000602091_00087_43728_0898.N1	11-JUL-2010 22:21:18	Straylight	59.500	63	Bet Gru	2.1500	2800.0	119	43728	No
265	GOM_NL__2PRFIN20100711_222301_000000502091_00087_43728_0899.N1	11-JUL-2010 22:23:01	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	43728	No
266	GOM_NL__2PRFIN20100711_222612_000000532091_00087_43728_0900.N1	11-JUL-2010 22:26:12	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	43728	No
267	GOM_NL__2PRFIN20100711_223325_000000522091_00087_43728_0901.N1	11-JUL-2010 22:33:25	Bright	52.000	103	38Zet Sgr	2.6000	9700.0	104	43728	No
268	GOM_NL__2PRFIN20100711_223558_000000412091_00087_43728_0902.N1	11-JUL-2010 22:35:58	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	43728	No
269	GOM_NL__2PRFIN20100711_224702_000000412091_00087_43728_0903.N1	11-JUL-2010 22:47:02	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	43728	No
270	GOM_NL__2PRFIN20100711_225405_000000372091_00087_43728_0904.N1	11-JUL-2010 22:54:05	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	43728	No
271	GOM_NL__2PRFIN20100711_225717_000000532091_00087_43728_0905.N1	11-JUL-2010 22:57:17	Bright	53.000	69	33Gam Dra	2.2310	3800.0	106	43728	No
272	GOM_NL__2PRFIN20100711_230454_000000442091_00087_43728_0906.N1	11-JUL-2010 23:04:54	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43728	No
273	GOM_NL__2PRFIN20100711_231339_000000472091_00087_43728_0907.N1	11-JUL-2010 23:13:39	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43728	No
274	GOM_NL__2PRFIN20100711_231818_000000402091_00087_43728_0908.N1	11-JUL-2010 23:18:18	Bright	39.500	160	23Gam Per	2.9300	4700.0	79	43728	No
275	GOM_NL__2PRFIN20100711_231935_000000402091_00087_43728_0909.N1	11-JUL-2010 23:19:35	Bright	39.500	35	33Alp Per	1.7950	6250.0	79	43728	No
276	GOM_NL__2PRFIN20100711_232228_000000442091_00087_43728_0910.N1	11-JUL-2010 23:22:28	Bright	44.000	79	26Bet Per	2.3100	13100.	88	43728	No
277	GOM_NL__2PRFIN20100711_232511_000000432091_00087_43728_0911.N1	11-JUL-2010 23:25:11	Bright	42.500	150	44Zet Per	2.8900	28000.	85	43728	No
278	GOM_NL__2PRFIN20100711_232740_000000462091_00087_43728_0912.N1	11-JUL-2010 23:27:40	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	43728	No

279	GOM_NL__2PRFIN20100711_233507_000000552091_00087_43728_0913.N1	11-JUL-2010 23:35:07	Dark	55.000	94	92Alp Cet	2.5260	3100.0	110	43728	No
280	GOM_NL__2PRFIN20100711_233824_000000442091_00087_43728_0914.N1	11-JUL-2010 23:38:24	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	43728	No
281	GOM_NL__2PRFIN20100711_234714_000000402091_00087_43728_0915.N1	11-JUL-2010 23:47:14	Dark	39.500	157	The1Eri	2.9060	9300.0	79	43728	No
282	GOM_NL__2PRFIN20100711_235325_000000532091_00088_43729_0905.N1	11-JUL-2010 23:53:25	Dark	53.000	9	Alp Eri	0.45300	24000.	106	43729	No
283	GOM_NL__2PRFIN20100711_235550_000000552091_00088_43729_0906.N1	11-JUL-2010 23:55:50	Dark	55.000	84	Alp Phe	2.3970	4500.0	110	43729	No

### 3. Quality information per product

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

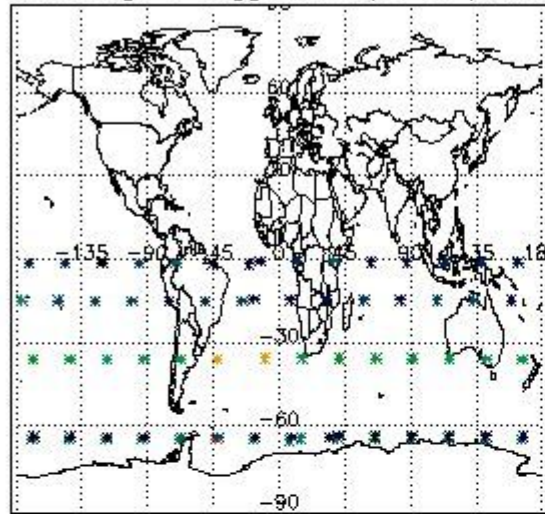
#### 3.1 Plot quality information per product (time dependant)



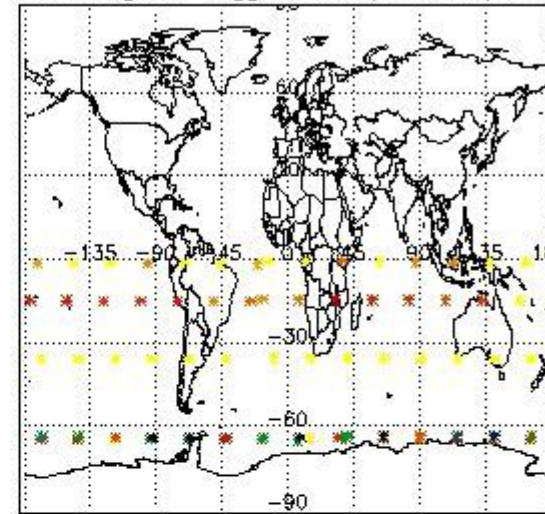
#### 3.2 Plot quality information per product (world map)



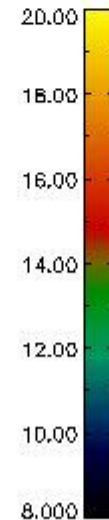
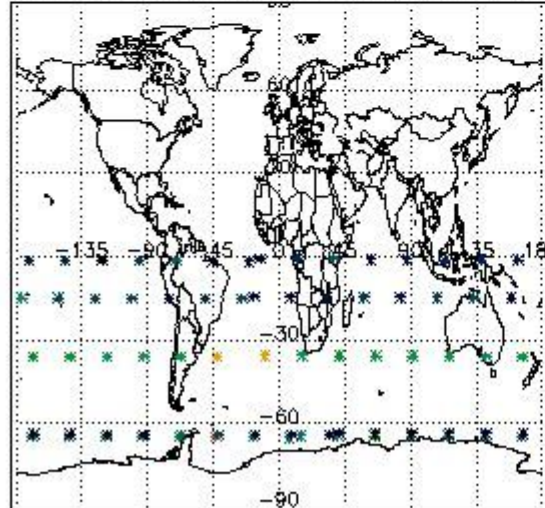
Percentage of flagged data per O3 profile



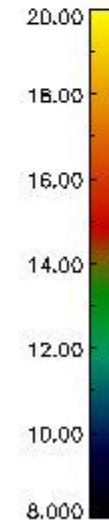
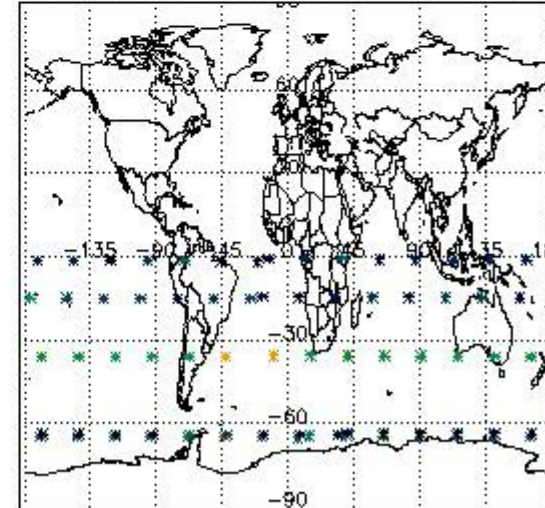
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



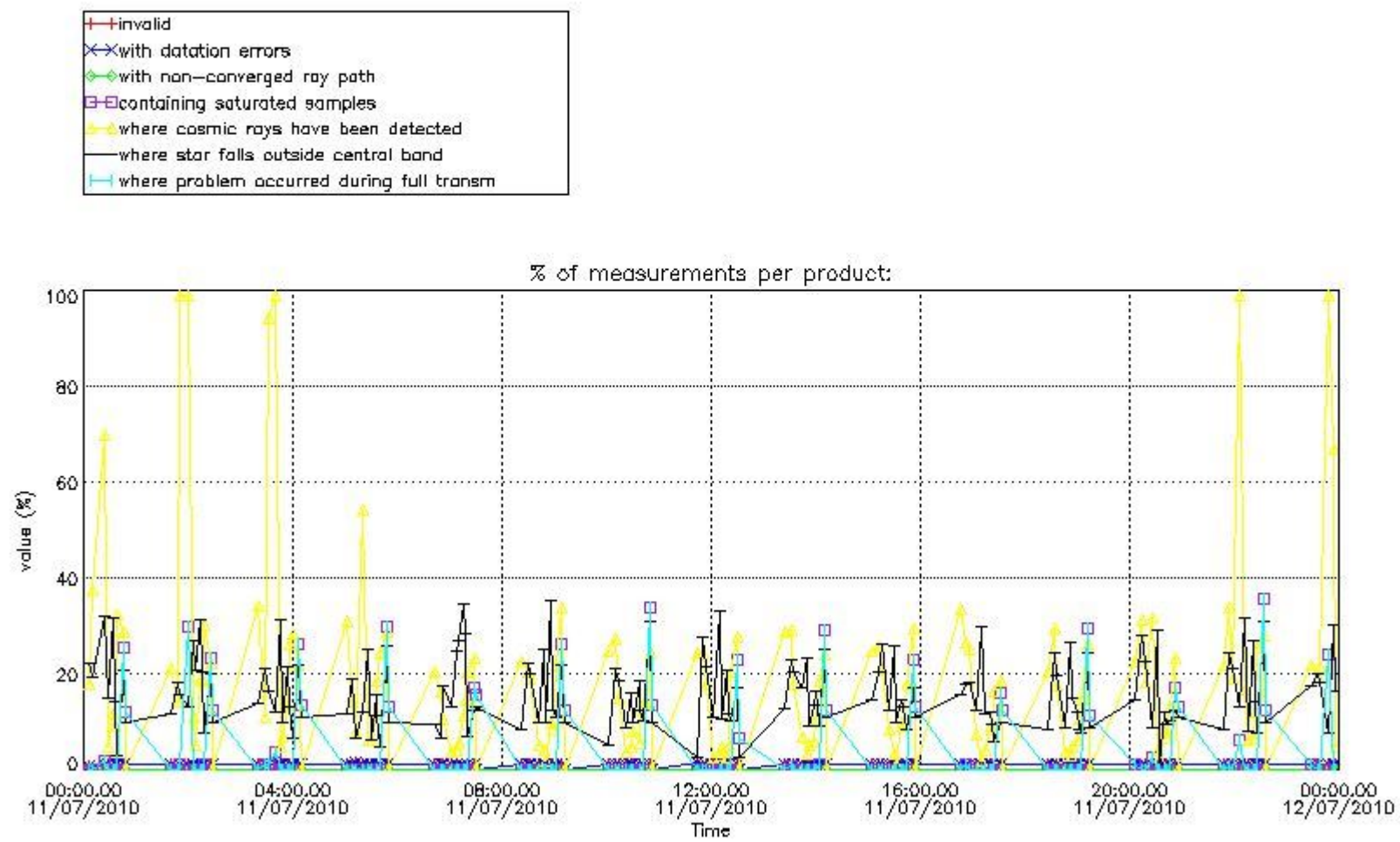
#### 4. Level 1 quality information per product

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

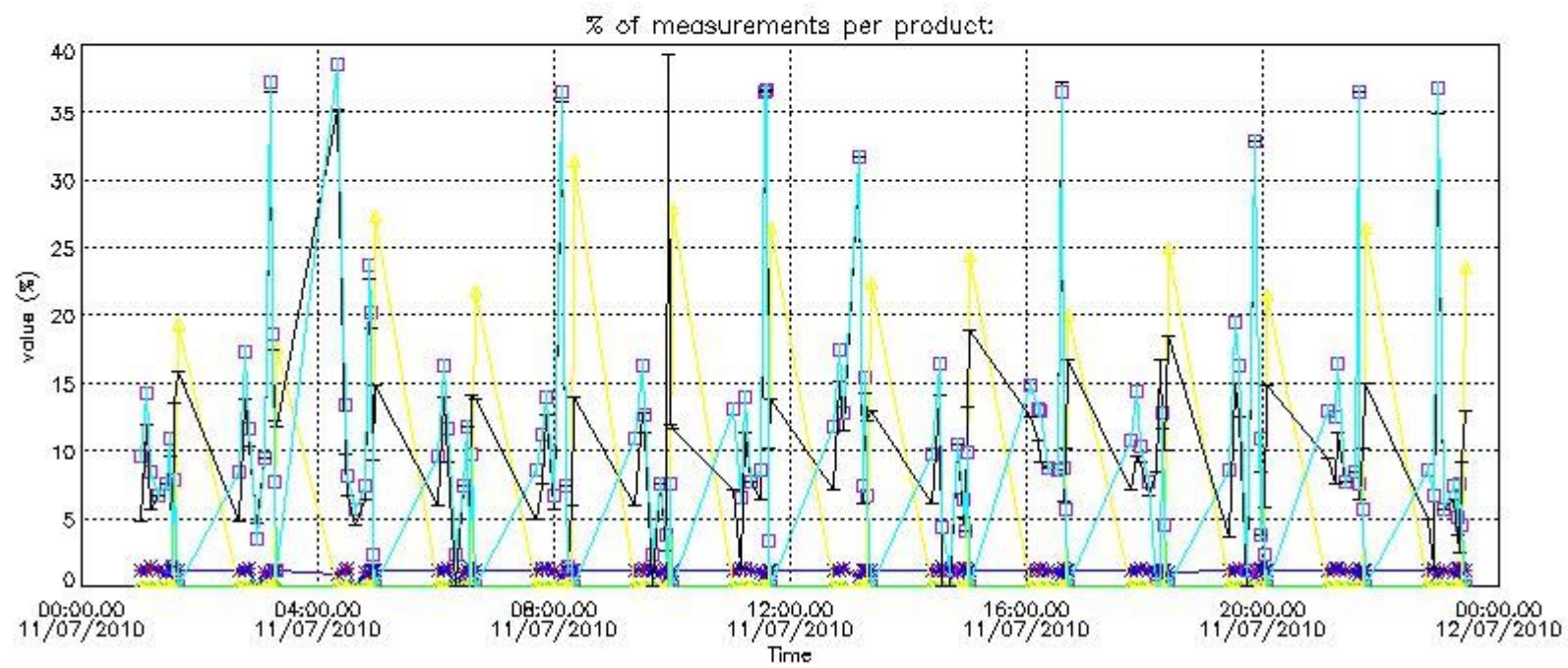
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



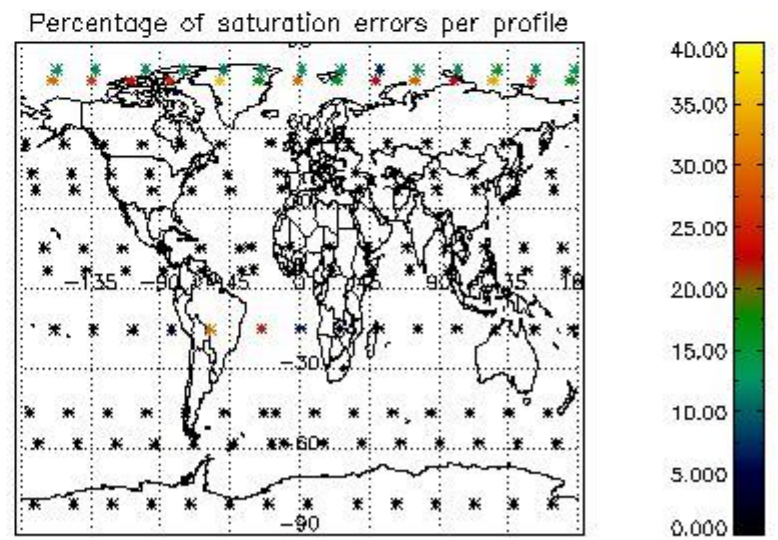
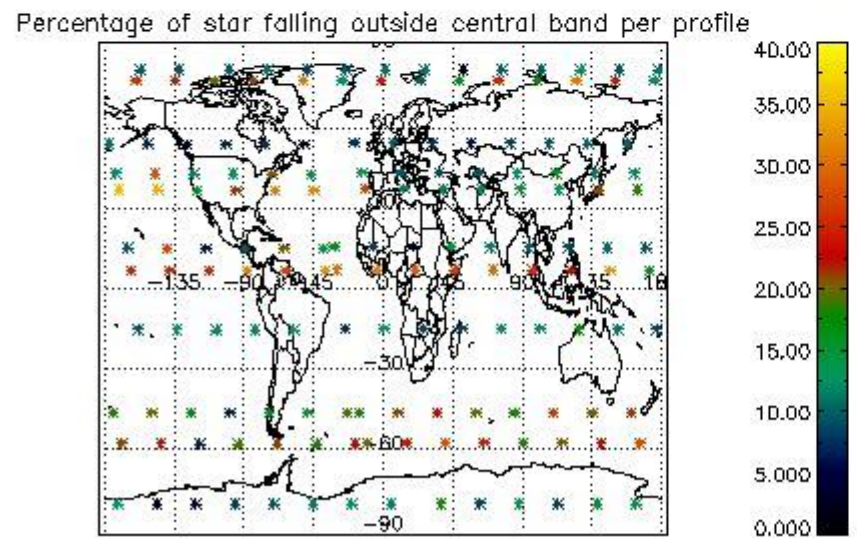
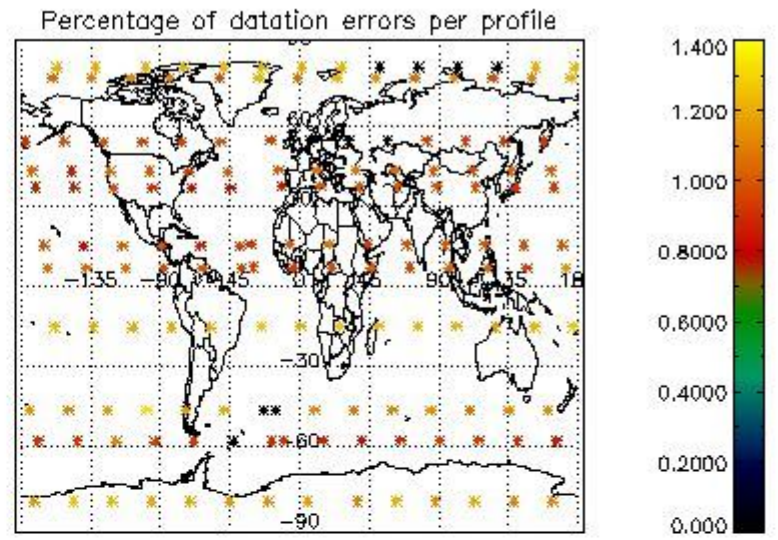
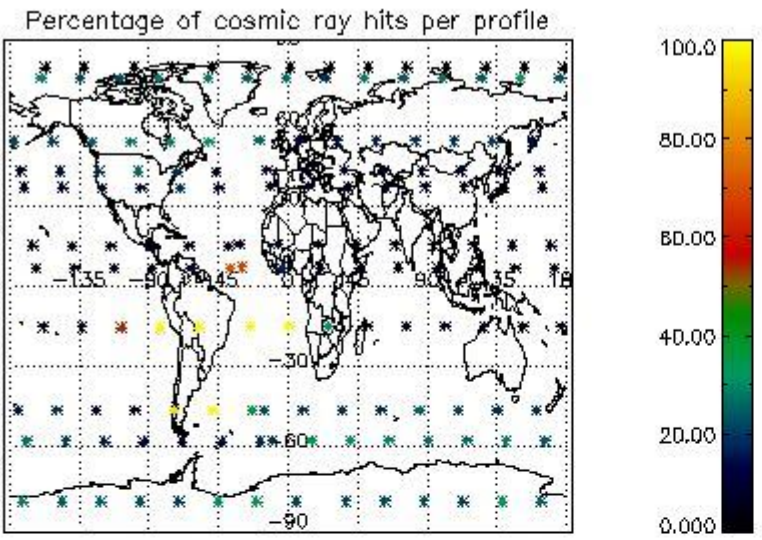


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



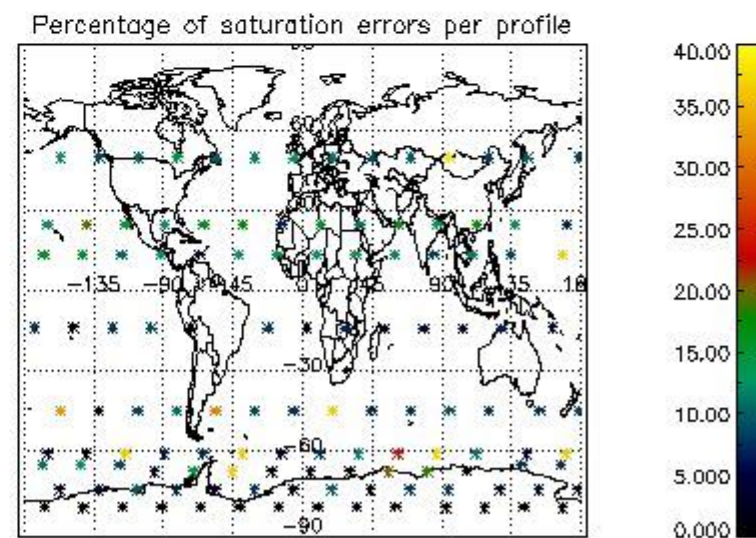
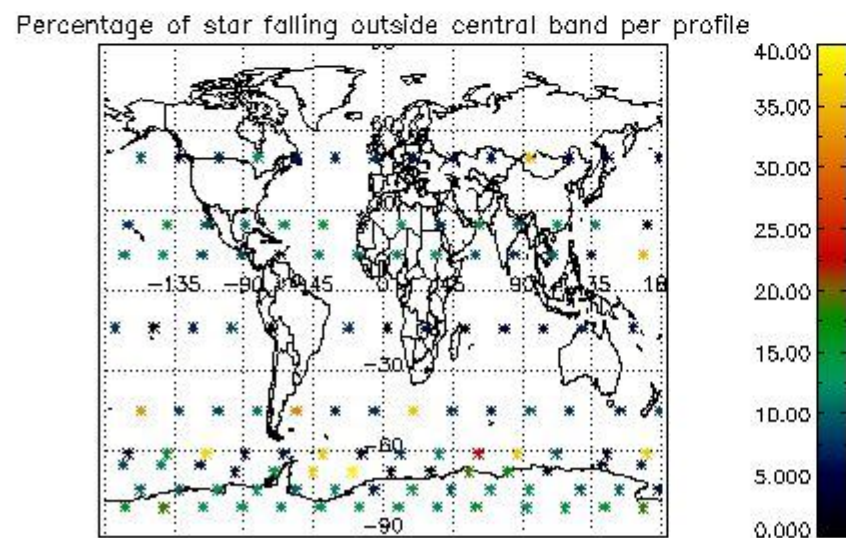
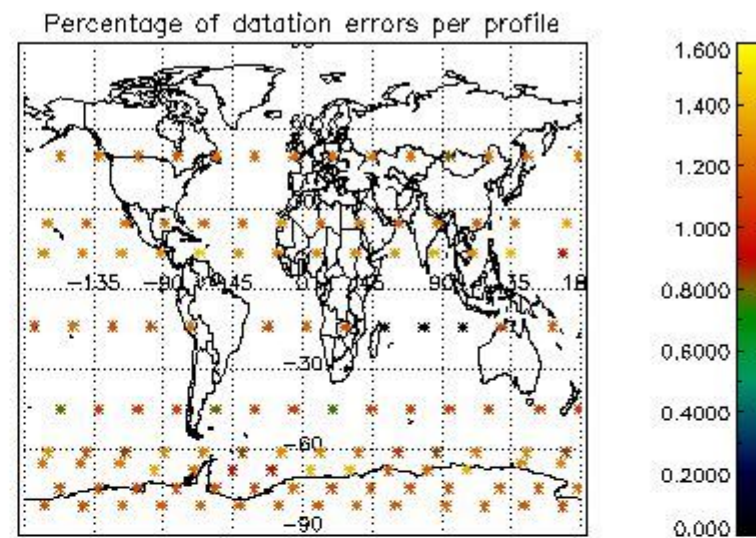
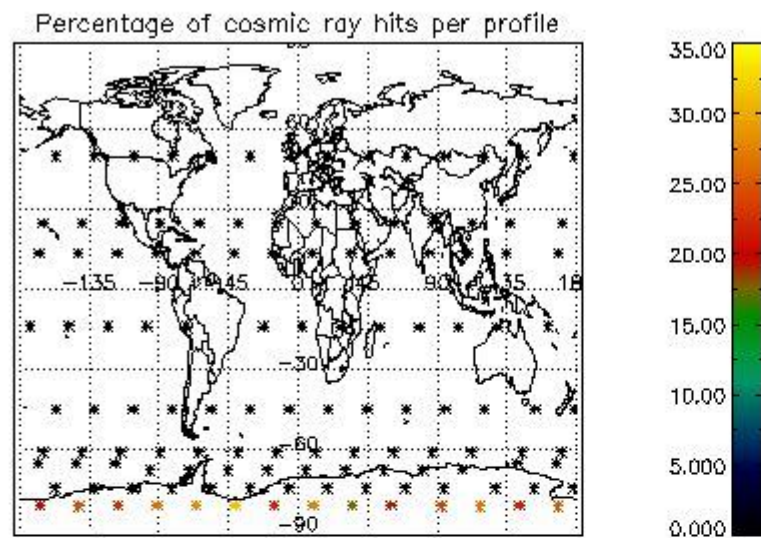
4.2 Plot quality information per product coming from level 1b processing (world map)

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



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

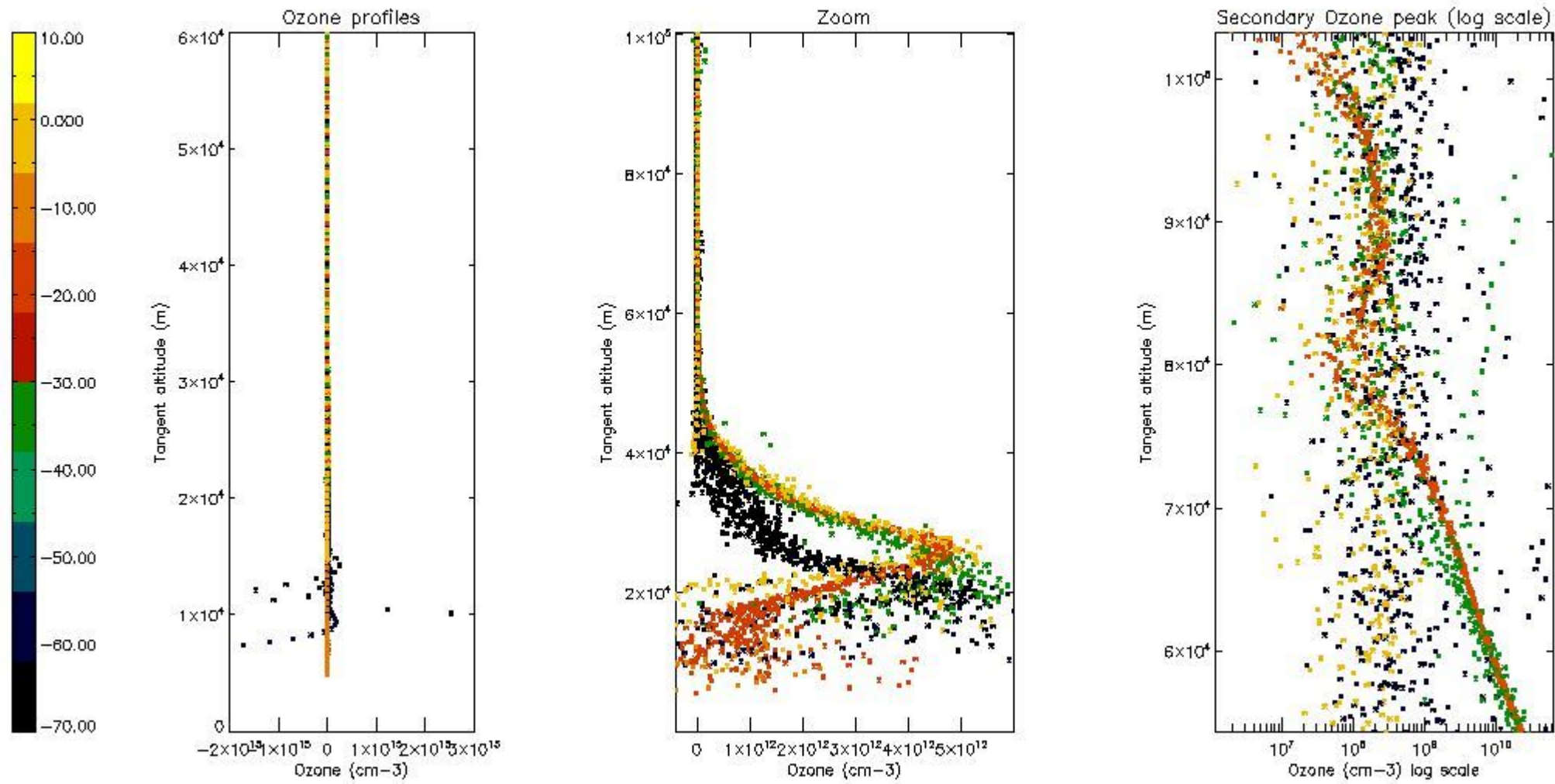
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	9

STD < 10	5
STD < 5	3

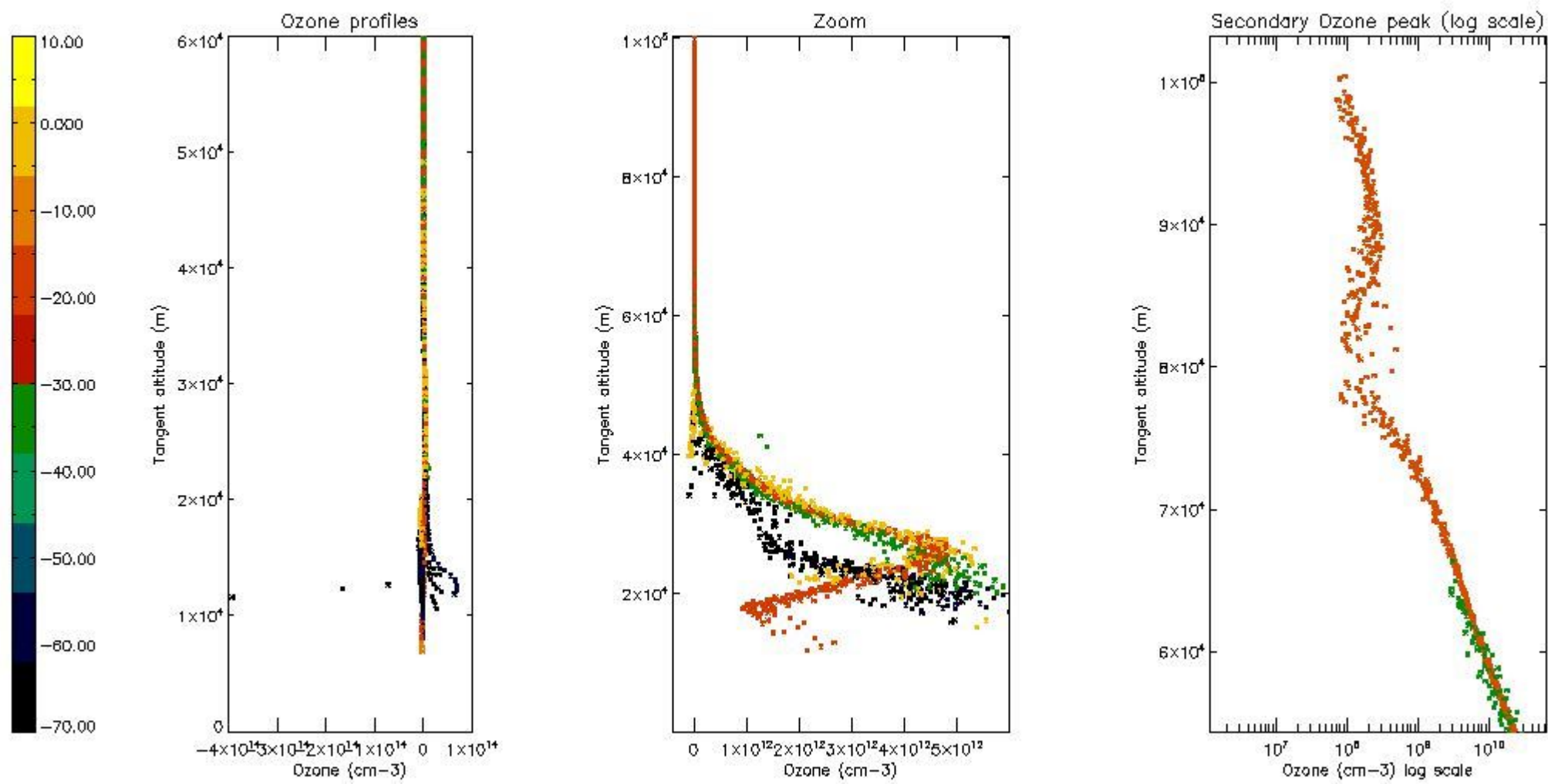
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

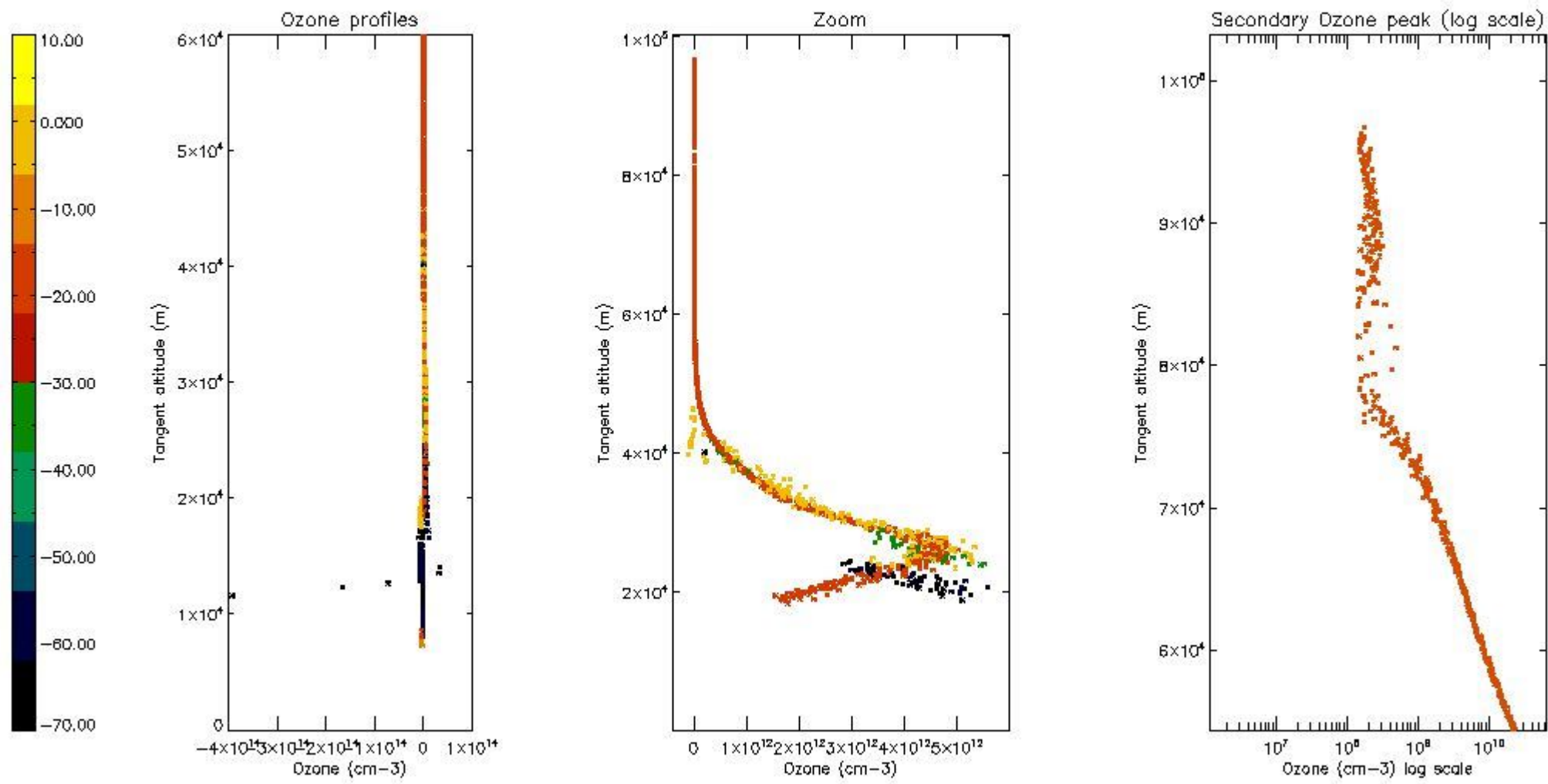
The colorbar represents the latitude.



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

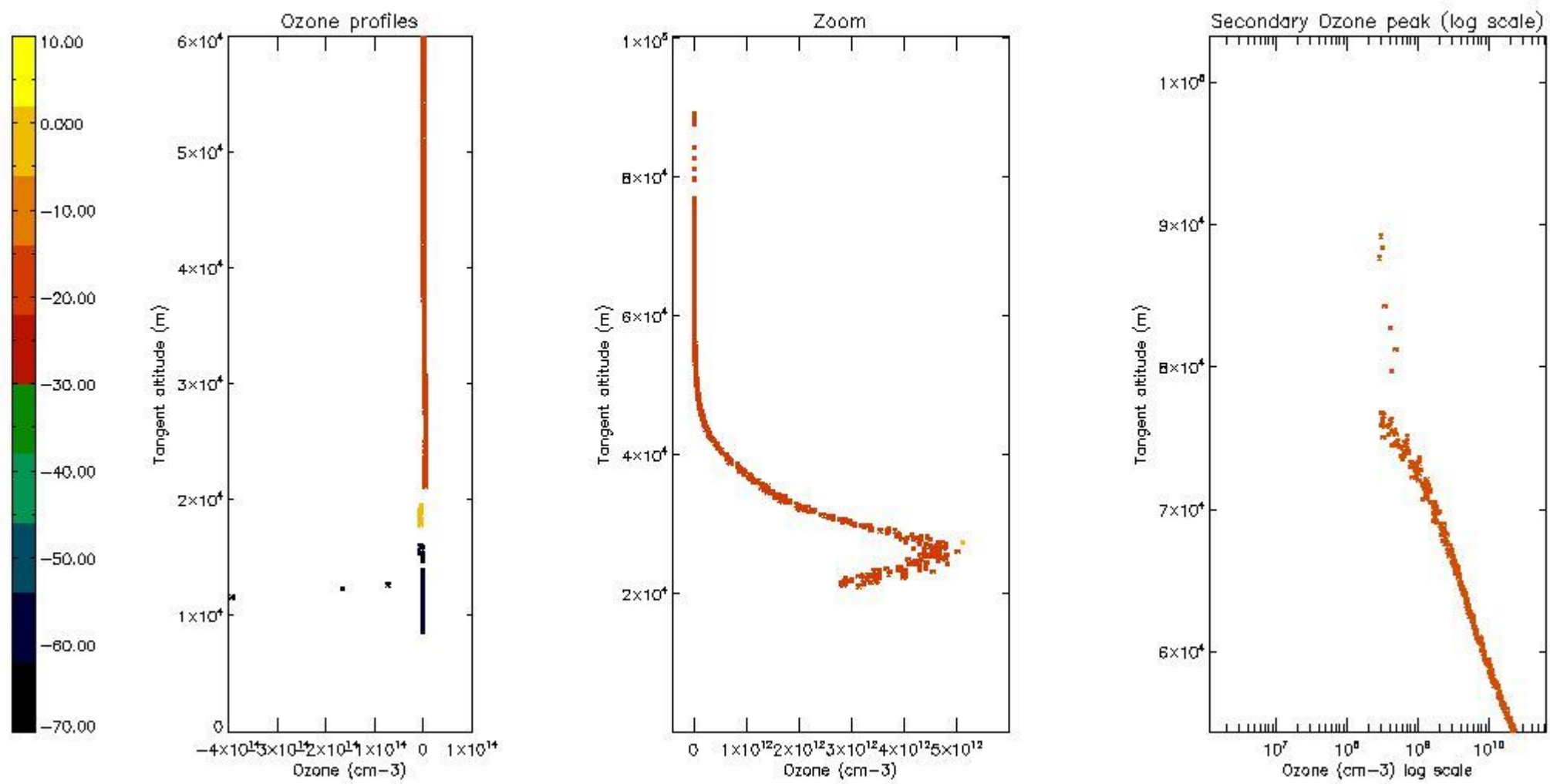
The colorbar represents the latitude.





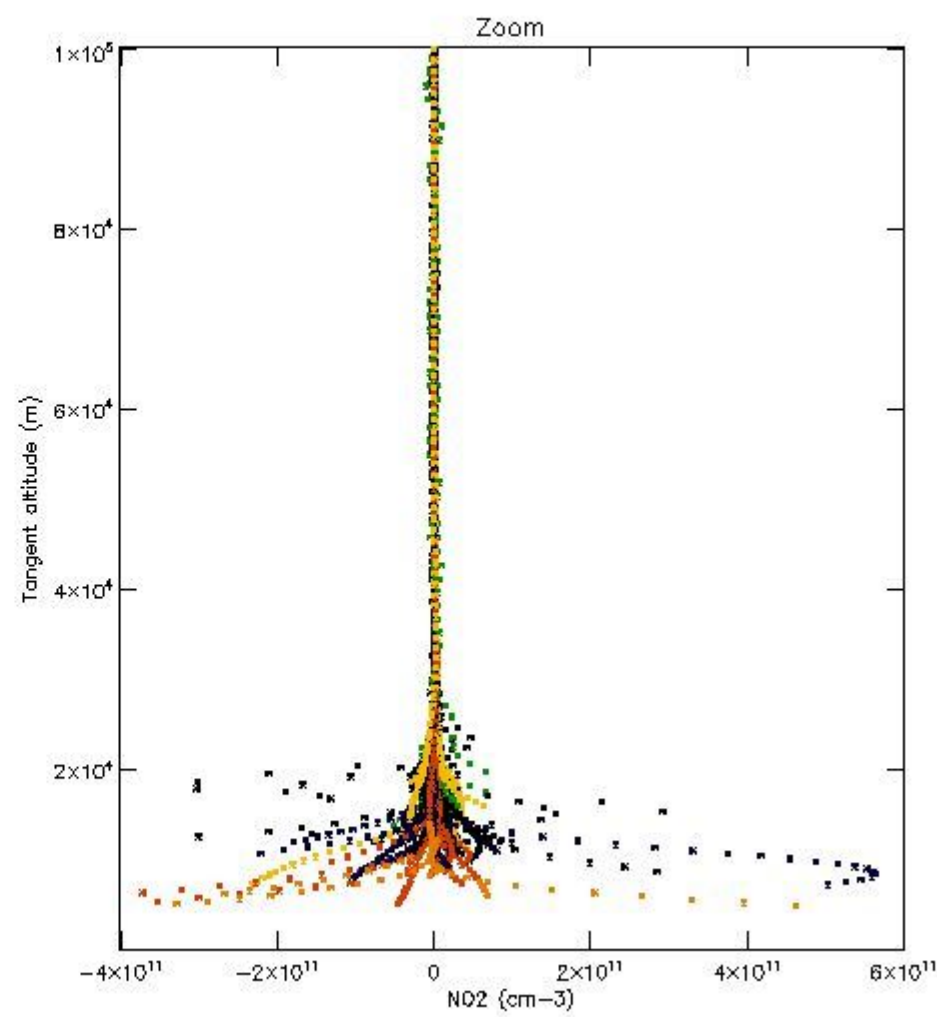
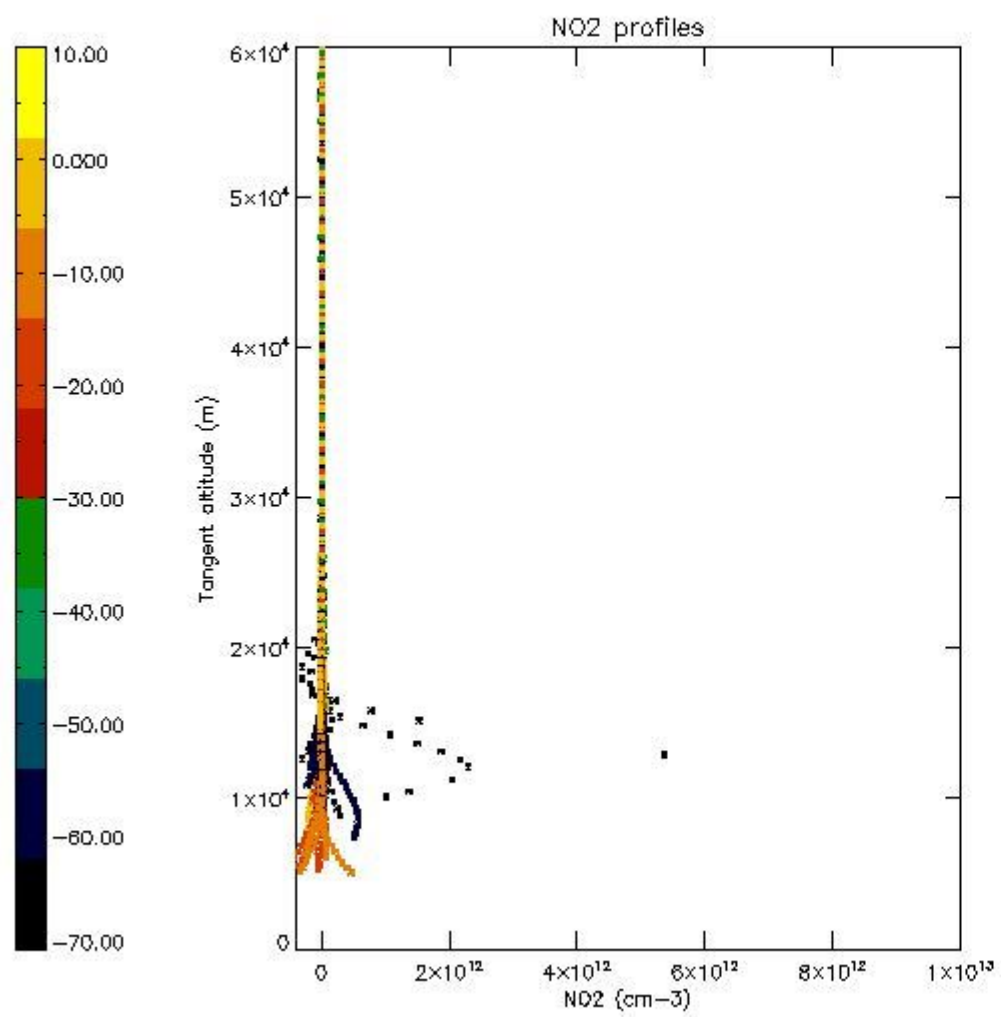
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

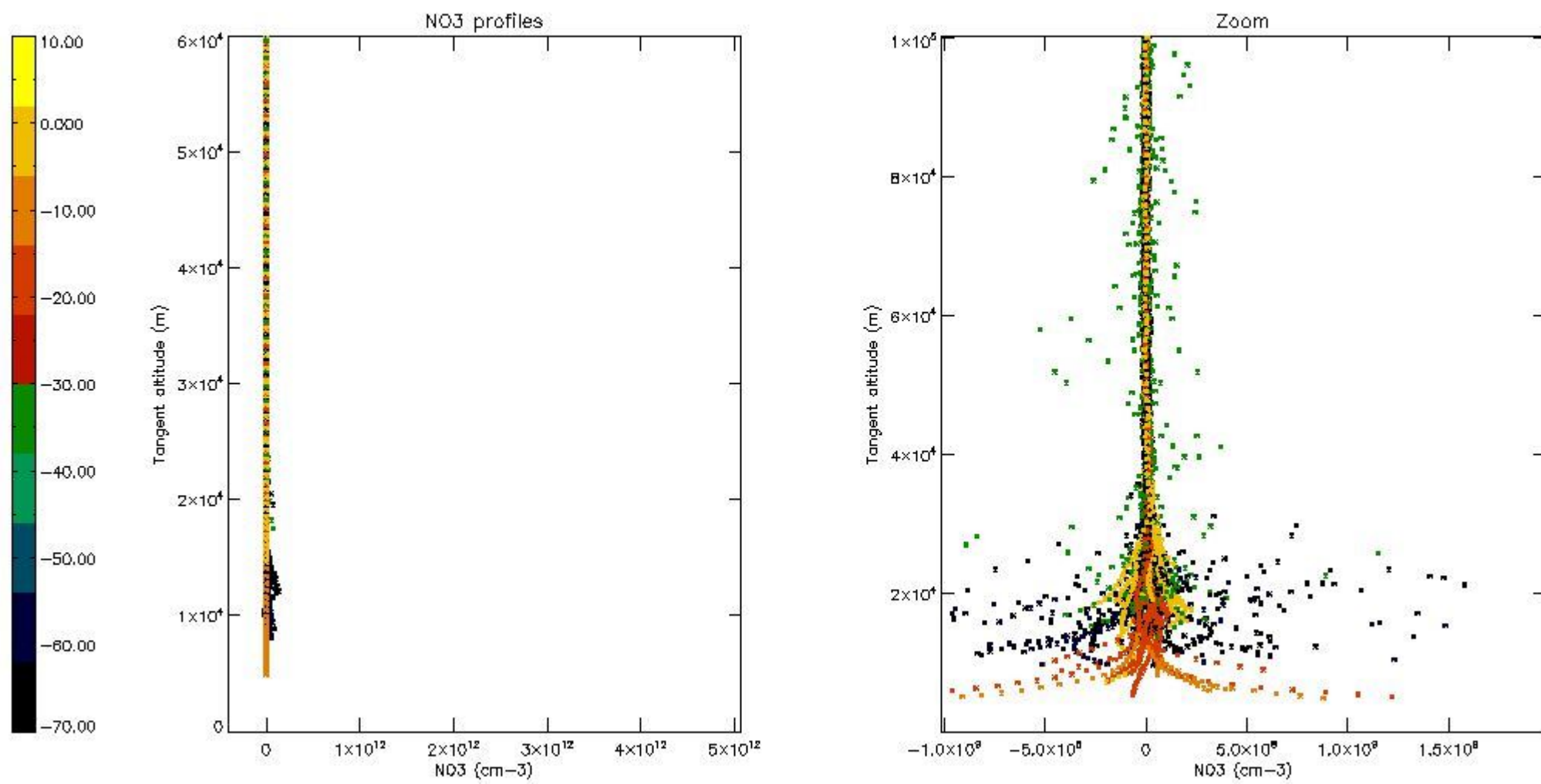
The colorbar represents the latitude.



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

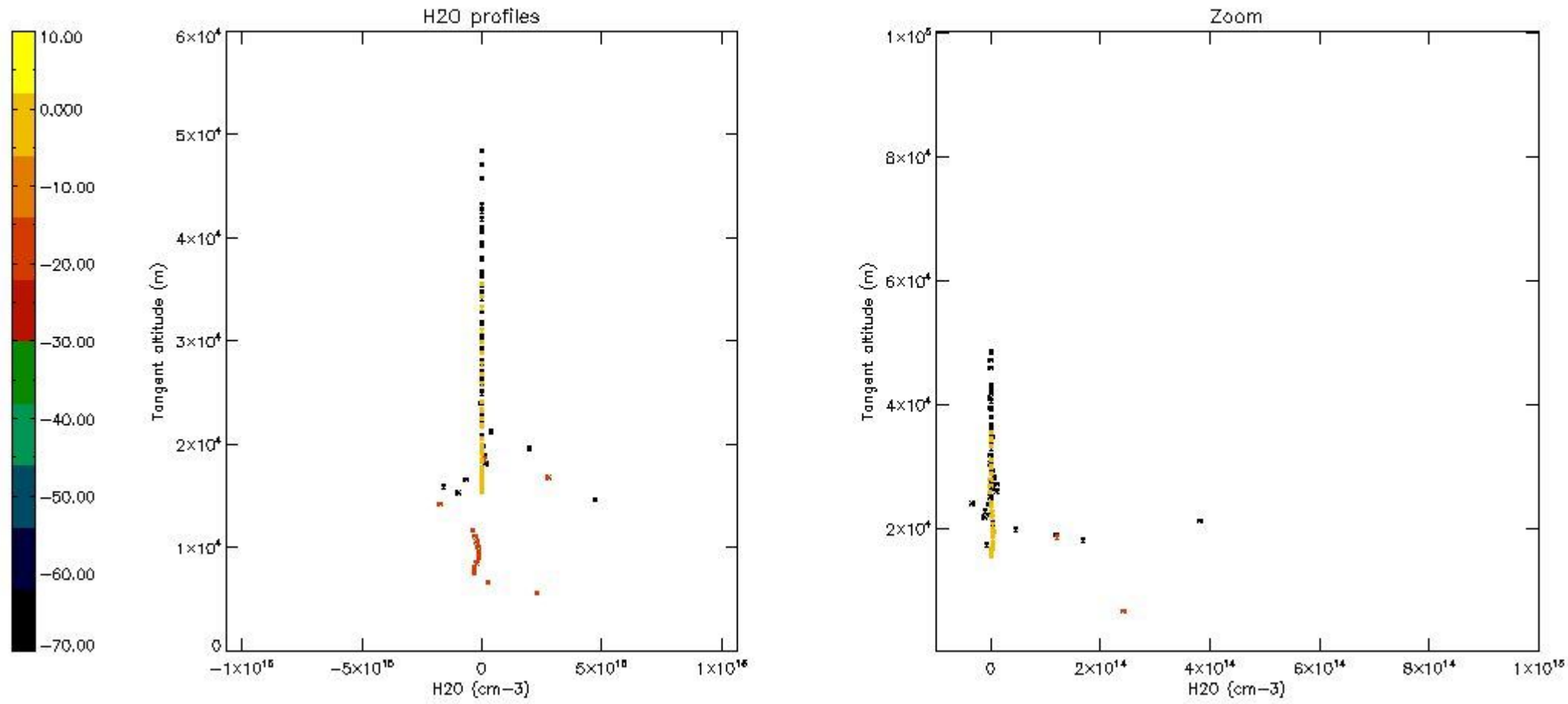
The colorbar represents the latitude.





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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	11-JUL-2010 00:06:35
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-JUL-2010 00:06:35
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-JUL-2010 00:06:35

# GOMOS Level 2 Daily Report

## SUMMARY

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#### [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](#)

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### [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 12:53:57
Data source version	GOMOS/6.01
Start time of products	11-07-2010 (11JUL2010 00:00:00)
Stop time of products	12-07-2010 (12JUL2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	283
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__2PRFIN20100711_000635_000000562091_00073_43714_0493.N1	11-JUL-2010 00:06:35	Dark	56.000	94	92Alp Cet	2.5260	3100.0	112	43714	No
2	GOM_NL__2PRFIN20100711_000955_000000442091_00073_43714_0494.N1	11-JUL-2010 00:09:55	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	43714	No
3	GOM_NL__2PRFIN20100711_002454_000000532091_00074_43715_0507.N1	11-JUL-2010 00:24:54	Dark	53.000	9	Alp Eri	0.45300	24000.	106	43715	No
4	GOM_NL__2PRFIN20100711_002711_000000542091_00074_43715_0508.N1	11-JUL-2010 00:27:11	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	43715	No
5	GOM_NL__2PRFIN20100711_003320_000000642091_00074_43715_0509.N1	11-JUL-2010 00:33:20	Straylight	63.500	63	Bet Gru	2.1500	2800.0	127	43715	No
6	GOM_NL__2PRFIN20100711_003504_000000502091_00074_43715_0510.N1	11-JUL-2010 00:35:04	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	43715	No
7	GOM_NL__2PRFIN20100711_003813_000000512091_00074_43715_0511.N1	11-JUL-2010 00:38:13	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	43715	No
8	GOM_NL__2PRFIN20100711_004535_000000462091_00074_43715_0512.N1	11-JUL-2010 00:45:35	Bright	45.500	103	38Zet Sgr	2.6000	9700.0	91	43715	No
9	GOM_NL__2PRFIN20100711_004808_000000422091_00074_43715_0513.N1	11-JUL-2010 00:48:08	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	43715	No
10	GOM_NL__2PRFIN20100711_005918_000000422091_00074_43715_0514.N1	11-JUL-2010 00:59:18	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	43715	No
11	GOM_NL__2PRFIN20100711_010621_000000422091_00074_43715_0515.N1	11-JUL-2010 01:06:21	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	43715	No
12	GOM_NL__2PRFIN20100711_010931_000000362091_00074_43715_0516.N1	11-JUL-2010 01:09:31	Bright	35.500	69	33Gam Dra	2.2310	3800.0	71	43715	No
13	GOM_NL__2PRFIN20100711_011715_000000452091_00074_43715_0517.N1	11-JUL-2010 01:17:15	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	43715	No
14	GOM_NL__2PRFIN20100711_012557_000000472091_00074_43715_0518.N1	11-JUL-2010 01:25:57	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	43715	No
15	GOM_NL__2PRFIN20100711_013033_000000422091_00074_43715_0519.N1	11-JUL-2010 01:30:33	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	43715	No
16	GOM_NL__2PRFIN20100711_013230_000000362091_00074_43715_0520.N1	11-JUL-2010 01:32:30	Bright	36.000	175	39Del Per	3.0100	19400.	72	43715	No
17	GOM_NL__2PRFIN20100711_013440_000000452091_00074_43715_0521.N1	11-JUL-2010 01:34:40	Bright	44.500	79	26Bet Per	2.3100	13100.	89	43715	No
18	GOM_NL__2PRFIN20100711_013722_000000442091_00074_43715_0522.N1	11-JUL-2010 01:37:22	Bright	44.000	150	44Zet Per	2.8900	28000.	88	43715	No
19	GOM_NL__2PRFIN20100711_013949_000000432091_00074_43715_0523.N1	11-JUL-2010 01:39:49	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	43715	No
20	GOM_NL__2PRFIN20100711_014712_000000532091_00074_43715_0524.N1	11-JUL-2010 01:47:12	Dark	52.500	94	92Alp Cet	2.5260	3100.0	105	43715	No
21	GOM_NL__2PRFIN20100711_015032_000000422091_00074_43715_0525.N1	11-JUL-2010 01:50:32	Dark	42.000	165	34Gam Eri	2.9500	3200.0	84	43715	No
22	GOM_NL__2PRFIN20100711_015919_000000422091_00074_43715_0526.N1	11-JUL-2010 01:59:19	Dark	42.000	157	The1Eri	2.9060	9300.0	84	43715	No
23	GOM_NL__2PRFIN20100711_020530_000000502091_00075_43716_0543.N1	11-JUL-2010 02:05:30	Dark	50.000	9	Alp Eri	0.45300	24000.	100	43716	No
24	GOM_NL__2PRFIN20100711_020748_000000582091_00075_43716_0544.N1	11-JUL-2010 02:07:48	Dark	58.000	84	Alp Phe	2.3970	4500.0	116	43716	No
25	GOM_NL__2PRFIN20100711_021356_000000642091_00075_43716_0545.N1	11-JUL-2010 02:13:56	Straylight	64.000	63	Bet Gru	2.1500	2800.0	128	43716	No
26	GOM_NL__2PRFIN20100711_021540_000000542091_00075_43716_0546.N1	11-JUL-2010 02:15:40	Straylight	54.000	31	Alp Gru	1.7340	15200.	108	43716	No
27	GOM_NL__2PRFIN20100711_021850_000000532091_00075_43716_0547.N1	11-JUL-2010 02:18:50	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	43716	No
28	GOM_NL__2PRFIN20100711_022611_000000452091_00075_43716_0548.N1	11-JUL-2010 02:26:11	Bright	45.000	103	38Zet Sgr	2.6000	9700.0	90	43716	No
29	GOM_NL__2PRFIN20100711_022845_000000412091_00075_43716_0549.N1	11-JUL-2010 02:28:45	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	43716	No
30	GOM_NL__2PRFIN20100711_023953_000000422091_00075_43716_0550.N1	11-JUL-2010 02:39:53	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	43716	No
31	GOM_NL__2PRFIN20100711_024657_000000442091_00075_43716_0551.N1	11-JUL-2010 02:46:57	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	43716	No
32	GOM_NL__2PRFIN20100711_025007_000000392091_00075_43716_0552.N1	11-JUL-2010 02:50:07	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	43716	No
33	GOM_NL__2PRFIN20100711_025750_000000432091_00075_43716_0553.N1	11-JUL-2010 02:57:50	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	43716	No
34	GOM_NL__2PRFIN20100711_030633_000000482091_00075_43716_0554.N1	11-JUL-2010 03:06:33	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43716	No
35	GOM_NL__2PRFIN20100711_031109_000000592091_00075_43716_0555.N1	11-JUL-2010 03:11:09	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	43716	No
36	GOM_NL__2PRFIN20100711_031306_000000432091_00075_43716_0556.N1	11-JUL-2010 03:13:06	Bright	43.000	175	39Del Per	3.0100	19400.	86	43716	No
37	GOM_NL__2PRFIN20100711_031516_000000452091_00075_43716_0557.N1	11-JUL-2010 03:15:16	Bright	45.000	79	26Bet Per	2.3100	13100.	90	43716	No
38	GOM_NL__2PRFIN20100711_031758_000000432091_00075_43716_0558.N1	11-JUL-2010 03:17:58	Bright	42.500	150	44Zet Per	2.8900	28000.	85	43716	No
39	GOM_NL__2PRFIN20100711_032025_000000442091_00075_43716_0559.N1	11-JUL-2010 03:20:25	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	43716	No
40	GOM_NL__2PRFIN20100711_032749_000000552091_00075_43716_0560.N1	11-JUL-2010 03:27:49	Dark	54.500	94	92Alp Cet	2.5260	3100.0	109	43716	No
41	GOM_NL__2PRFIN20100711_033108_000000432091_00075_43716_0561.N1	11-JUL-2010 03:31:08	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	43716	No
42	GOM_NL__2PRFIN20100711_033956_000000422091_00075_43716_0562.N1	11-JUL-2010 03:39:56	Dark	41.500	157	The1Eri	2.9060	9300.0	83	43716	No

43	GOM_NL__2PRFIN20100711_034607_000000532091_00076_43717_0558.N1	11-JUL-2010 03:46:07	Dark	52.500	9	Alp Eri	0.45300	24000.	105	43717	No
44	GOM_NL__2PRFIN20100711_034825_000000512091_00076_43717_0559.N1	11-JUL-2010 03:48:25	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	43717	No
45	GOM_NL__2PRFIN20100711_035433_000000562091_00076_43717_0560.N1	11-JUL-2010 03:54:33	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	43717	No
46	GOM_NL__2PRFIN20100711_035617_000000502091_00076_43717_0561.N1	11-JUL-2010 03:56:17	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	43717	No
47	GOM_NL__2PRFIN20100711_035927_000000532091_00076_43717_0562.N1	11-JUL-2010 03:59:27	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	43717	No
48	GOM_NL__2PRFIN20100711_040647_000000462091_00076_43717_0563.N1	11-JUL-2010 04:06:47	Bright	46.000	103	38Zet Sgr	2.6000	9700.0	92	43717	No
49	GOM_NL__2PRFIN20100711_040921_000000412091_00076_43717_0564.N1	11-JUL-2010 04:09:21	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	43717	No
50	GOM_NL__2PRFIN20100711_042029_000000612091_00076_43717_0565.N1	11-JUL-2010 04:20:29	Bright	61.000	168	17Zet Aql	2.9860	11000.	122	43717	No
51	GOM_NL__2PRFIN20100711_042733_000000412091_00076_43717_0566.N1	11-JUL-2010 04:27:33	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43717	No
52	GOM_NL__2PRFIN20100711_043043_000000372091_00076_43717_0567.N1	11-JUL-2010 04:30:43	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	43717	No
53	GOM_NL__2PRFIN20100711_043825_000000442091_00076_43717_0568.N1	11-JUL-2010 04:38:25	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43717	No
54	GOM_NL__2PRFIN20100711_044708_000000472091_00076_43717_0569.N1	11-JUL-2010 04:47:08	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43717	No
55	GOM_NL__2PRFIN20100711_045145_000000492091_00076_43717_0570.N1	11-JUL-2010 04:51:45	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	43717	No
56	GOM_NL__2PRFIN20100711_045342_000000452091_00076_43717_0571.N1	11-JUL-2010 04:53:42	Bright	44.500	175	39Del Per	3.0100	19400.	89	43717	No
57	GOM_NL__2PRFIN20100711_045552_000000432091_00076_43717_0572.N1	11-JUL-2010 04:55:52	Bright	43.000	79	26Bet Per	2.3100	13100.	86	43717	No
58	GOM_NL__2PRFIN20100711_045834_000000442091_00076_43717_0573.N1	11-JUL-2010 04:58:34	Bright	44.000	150	44Zet Per	2.8900	28000.	88	43717	No
59	GOM_NL__2PRFIN20100711_050102_000000442091_00076_43717_0574.N1	11-JUL-2010 05:01:02	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	43717	No
60	GOM_NL__2PRFIN20100711_050825_000000532091_00076_43717_0575.N1	11-JUL-2010 05:08:25	Dark	53.000	94	92Alp Cet	2.5260	3100.0	106	43717	No
61	GOM_NL__2PRFIN20100711_051145_000000382091_00076_43717_0576.N1	11-JUL-2010 05:11:45	Dark	38.000	165	34Gam Eri	2.9500	3200.0	76	43717	No
62	GOM_NL__2PRFIN20100711_052032_000000422091_00076_43717_0577.N1	11-JUL-2010 05:20:32	Dark	41.500	157	The1Eri	2.9060	9300.0	83	43717	No
63	GOM_NL__2PRFIN20100711_052644_000000482091_00077_43718_0569.N1	11-JUL-2010 05:26:44	Dark	48.000	9	Alp Eri	0.45300	24000.	96	43718	No
64	GOM_NL__2PRFIN20100711_052902_000000492091_00077_43718_0570.N1	11-JUL-2010 05:29:02	Dark	49.000	84	Alp Phe	2.3970	4500.0	98	43718	No
65	GOM_NL__2PRFIN20100711_053510_000000522091_00077_43718_0571.N1	11-JUL-2010 05:35:10	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	43718	No
66	GOM_NL__2PRFIN20100711_053654_000000492091_00077_43718_0572.N1	11-JUL-2010 05:36:54	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43718	No
67	GOM_NL__2PRFIN20100711_054004_000000512091_00077_43718_0573.N1	11-JUL-2010 05:40:04	Straylight	51.000	172	Gam Gru	3.0030	13100.	102	43718	No
68	GOM_NL__2PRFIN20100711_054723_000000492091_00077_43718_0574.N1	11-JUL-2010 05:47:23	Bright	48.500	103	38Zet Sgr	2.6000	9700.0	97	43718	No
69	GOM_NL__2PRFIN20100711_054957_000000422091_00077_43718_0575.N1	11-JUL-2010 05:49:57	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	43718	No
70	GOM_NL__2PRFIN20100711_060105_000000422091_00077_43718_0576.N1	11-JUL-2010 06:01:05	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	43718	No
71	GOM_NL__2PRFIN20100711_060809_000000432091_00077_43718_0577.N1	11-JUL-2010 06:08:09	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	43718	No
72	GOM_NL__2PRFIN20100711_061119_000000392091_00077_43718_0578.N1	11-JUL-2010 06:11:19	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	43718	No
73	GOM_NL__2PRFIN20100711_061901_000000422091_00077_43718_0579.N1	11-JUL-2010 06:19:01	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43718	No
74	GOM_NL__2PRFIN20100711_062744_000000472091_00077_43718_0580.N1	11-JUL-2010 06:27:44	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43718	No
75	GOM_NL__2PRFIN20100711_063220_000000432091_00077_43718_0581.N1	11-JUL-2010 06:32:20	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	43718	No
76	GOM_NL__2PRFIN20100711_063418_000000362091_00077_43718_0582.N1	11-JUL-2010 06:34:18	Bright	35.500	175	39Del Per	3.0100	19400.	71	43718	No
77	GOM_NL__2PRFIN20100711_063628_000000462091_00077_43718_0583.N1	11-JUL-2010 06:36:28	Bright	46.000	79	26Bet Per	2.3100	13100.	92	43718	No
78	GOM_NL__2PRFIN20100711_063910_000000442091_00077_43718_0584.N1	11-JUL-2010 06:39:10	Bright	43.500	150	44Zet Per	2.8900	28000.	87	43718	No
79	GOM_NL__2PRFIN20100711_064138_000000422091_00077_43718_0585.N1	11-JUL-2010 06:41:38	Twilight	42.000	146	25Eta Tau	2.8730	15200.	84	43718	No
80	GOM_NL__2PRFIN20100711_064902_000000462091_00077_43718_0586.N1	11-JUL-2010 06:49:02	Dark	46.000	94	92Alp Cet	2.5260	3100.0	92	43718	No
81	GOM_NL__2PRFIN20100711_065221_000000432091_00077_43718_0587.N1	11-JUL-2010 06:52:21	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	43718	No
82	GOM_NL__2PRFIN20100711_070109_000000422091_00077_43718_0588.N1	11-JUL-2010 07:01:09	Dark	42.000	157	The1Eri	2.9060	9300.0	84	43718	No
83	GOM_NL__2PRFIN20100711_070720_000000492091_00078_43719_0582.N1	11-JUL-2010 07:07:20	Dark	48.500	9	Alp Eri	0.45300	24000.	97	43719	No
84	GOM_NL__2PRFIN20100711_070939_000000632091_00078_43719_0583.N1	11-JUL-2010 07:09:39	Dark	63.000	84	Alp Phe	2.3970	4500.0	126	43719	No
85	GOM_NL__2PRFIN20100711_071547_000000672091_00078_43719_0584.N1	11-JUL-2010 07:15:47	Straylight	66.500	63	Bet Gru	2.1500	2800.0	133	43719	No
86	GOM_NL__2PRFIN20100711_071731_000000592091_00078_43719_0585.N1	11-JUL-2010 07:17:31	Straylight	58.500	31	Alp Gru	1.7340	15200.	117	43719	No
87	GOM_NL__2PRFIN20100711_072041_000000522091_00078_43719_0586.N1	11-JUL-2010 07:20:41	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	43719	No
88	GOM_NL__2PRFIN20100711_072800_000000412091_00078_43719_0587.N1	11-JUL-2010 07:28:00	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	43719	No
89	GOM_NL__2PRFIN20100711_073033_000000422091_00078_43719_0588.N1	11-JUL-2010 07:30:33	Bright	42.000	155	41Pi Sgr	2.9000	6600.0	84	43719	No
90	GOM_NL__2PRFIN20100711_074141_000000412091_00078_43719_0589.N1	11-JUL-2010 07:41:41	Bright	41.000	168	17Zet Aql	2.9860	11000.	82	43719	No
91	GOM_NL__2PRFIN20100711_074844_000000402091_00078_43719_0590.N1	11-JUL-2010 07:48:44	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	43719	No
92	GOM_NL__2PRFIN20100711_075155_000000402091_00078_43719_0591.N1	11-JUL-2010 07:51:55	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	43719	No
93	GOM_NL__2PRFIN20100711_075937_000000452091_00078_43719_0592.N1	11-JUL-2010 07:59:37	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43719	No
94	GOM_NL__2PRFIN20100711_080820_000000672091_00078_43719_0593.N1	11-JUL-2010 08:08:20	Bright	67.000	76	27Gam Cas	2.3000	30000.	134	43719	No
95	GOM_NL__2PRFIN20100711_081256_000000412091_00078_43719_0594.N1	11-JUL-2010 08:12:56	Bright	40.500	160	23Gam Per	2.9300	4700.0	81	43719	No
96	GOM_NL__2PRFIN20100711_081454_000000362091_00078_43719_0595.N1	11-JUL-2010 08:14:54	Bright	35.500	175	39Del Per	3.0100	19400.	71	43719	No
97	GOM_NL__2PRFIN20100711_081704_000000422091_00078_43719_0596.N1	11-JUL-2010 08:17:04	Bright	42.000	79	26Bet Per	2.3100	13100.	84	43719	No
98	GOM_NL__2PRFIN20100711_081947_000000432091_00078_43719_0597.N1	11-JUL-2010 08:19:47	Bright	43.000	150	44Zet Per	2.8900	28000.	86	43719	No
99	GOM_NL__2PRFIN20100711_082214_000000422091_00078_43719_0598.N1	11-JUL-2010 08:22:14	Twilight	42.000	146	25Eta Tau	2.8730	15200.	84	43719	No
100	GOM_NL__2PRFIN20100711_082938_000000552091_00078_43719_0599.N1	11-JUL-2010 08:29:38	Dark	54.500	94	92Alp Cet	2.5260	3100.0	109	43719	No
101	GOM_NL__2PRFIN20100711_083258_000000452091_00078_43719_0600.N1	11-JUL-2010 08:32:58	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	43719	No

102	GOM_NL__2PRFIN20100711_084145_000000412091_00078_43719_0601.N1	11-JUL-2010 08:41:45	Dark	40.500	157	The1Eri	2.9060	9300.0	81	43719	No
103	GOM_NL__2PRFIN20100711_084757_000000482091_00079_43720_0641.N1	11-JUL-2010 08:47:57	Dark	48.000	9	Alp Eri	0.45300	24000.	96	43720	No
104	GOM_NL__2PRFIN20100711_085017_000000512091_00079_43720_0642.N1	11-JUL-2010 08:50:17	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	43720	No
105	GOM_NL__2PRFIN20100711_085624_000000672091_00079_43720_0643.N1	11-JUL-2010 08:56:24	Straylight	66.500	63	Bet Gru	2.1500	2800.0	133	43720	No
106	GOM_NL__2PRFIN20100711_085808_000000492091_00079_43720_0644.N1	11-JUL-2010 08:58:08	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43720	No
107	GOM_NL__2PRFIN20100711_090117_000000552091_00079_43720_0645.N1	11-JUL-2010 09:01:17	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	43720	No
108	GOM_NL__2PRFIN20100711_090836_000000462091_00079_43720_0646.N1	11-JUL-2010 09:08:36	Bright	46.000	103	38Zet Sgr	2.6000	9700.0	92	43720	No
109	GOM_NL__2PRFIN20100711_091109_000000412091_00079_43720_0647.N1	11-JUL-2010 09:11:09	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	43720	No
110	GOM_NL__2PRFIN20100711_092216_000000422091_00079_43720_0648.N1	11-JUL-2010 09:22:16	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	43720	No
111	GOM_NL__2PRFIN20100711_092920_000000432091_00079_43720_0649.N1	11-JUL-2010 09:29:20	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	43720	No
112	GOM_NL__2PRFIN20100711_093230_000000402091_00079_43720_0650.N1	11-JUL-2010 09:32:30	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	43720	No
113	GOM_NL__2PRFIN20100711_094011_000000422091_00079_43720_0651.N1	11-JUL-2010 09:40:11	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43720	No
114	GOM_NL__2PRFIN20100711_094855_000000472091_00079_43720_0652.N1	11-JUL-2010 09:48:55	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	43720	No
115	GOM_NL__2PRFIN20100711_095332_000000392091_00079_43720_0653.N1	11-JUL-2010 09:53:32	Bright	39.000	160	23Gam Per	2.9300	4700.0	78	43720	No
116	GOM_NL__2PRFIN20100711_095530_000000562091_00079_43720_0654.N1	11-JUL-2010 09:55:30	Bright	56.000	175	39Del Per	3.0100	19400.	112	43720	No
117	GOM_NL__2PRFIN20100711_095740_000000462091_00079_43720_0655.N1	11-JUL-2010 09:57:40	Bright	46.000	79	26Bet Per	2.3100	13100.	92	43720	No
118	GOM_NL__2PRFIN20100711_100023_000000432091_00079_43720_0656.N1	11-JUL-2010 10:00:23	Bright	43.000	150	44Zet Per	2.8900	28000.	86	43720	No
119	GOM_NL__2PRFIN20100711_100250_000000412091_00079_43720_0657.N1	11-JUL-2010 10:02:50	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	43720	No
120	GOM_NL__2PRFIN20100711_101015_000000552091_00079_43720_0658.N1	11-JUL-2010 10:10:15	Dark	55.000	94	92Alp Cet	2.5260	3100.0	110	43720	No
121	GOM_NL__2PRFIN20100711_101334_000000442091_00079_43720_0659.N1	11-JUL-2010 10:13:34	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	43720	No
122	GOM_NL__2PRFIN20100711_102222_000000402091_00079_43720_0660.N1	11-JUL-2010 10:22:22	Dark	39.500	157	The1Eri	2.9060	9300.0	79	43720	No
123	GOM_NL__2PRFIN20100711_102833_000000442091_00080_43721_0672.N1	11-JUL-2010 10:28:33	Dark	43.500	9	Alp Eri	0.45300	24000.	87	43721	No
124	GOM_NL__2PRFIN20100711_103053_000000512091_00080_43721_0673.N1	11-JUL-2010 10:30:53	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	43721	No
125	GOM_NL__2PRFIN20100711_103700_000000542091_00080_43721_0674.N1	11-JUL-2010 10:37:00	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	43721	No
126	GOM_NL__2PRFIN20100711_103844_000000492091_00080_43721_0675.N1	11-JUL-2010 10:38:44	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	43721	No
127	GOM_NL__2PRFIN20100711_104154_000000542091_00080_43721_0676.N1	11-JUL-2010 10:41:54	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	43721	No
128	GOM_NL__2PRFIN20100711_104912_000000522091_00080_43721_0677.N1	11-JUL-2010 10:49:12	Bright	51.500	103	38Zet Sgr	2.6000	9700.0	103	43721	No
129	GOM_NL__2PRFIN20100711_105145_000000412091_00080_43721_0678.N1	11-JUL-2010 10:51:45	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	43721	No
130	GOM_NL__2PRFIN20100711_110252_000000422091_00080_43721_0679.N1	11-JUL-2010 11:02:52	Bright	42.000	168	17Zet Aql	2.9860	11000.	84	43721	No
131	GOM_NL__2PRFIN20100711_110955_000000382091_00080_43721_0680.N1	11-JUL-2010 11:09:55	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	43721	No
132	GOM_NL__2PRFIN20100711_111306_000000402091_00080_43721_0681.N1	11-JUL-2010 11:13:06	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	43721	No
133	GOM_NL__2PRFIN20100711_112047_000000462091_00080_43721_0682.N1	11-JUL-2010 11:20:47	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	43721	No
134	GOM_NL__2PRFIN20100711_112930_000000472091_00080_43721_0683.N1	11-JUL-2010 11:29:30	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43721	No
135	GOM_NL__2PRFIN20100711_113408_000000592091_00080_43721_0684.N1	11-JUL-2010 11:34:08	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	43721	No
136	GOM_NL__2PRFIN20100711_113606_000000562091_00080_43721_0685.N1	11-JUL-2010 11:36:06	Bright	56.000	175	39Del Per	3.0100	19400.	112	43721	No
137	GOM_NL__2PRFIN20100711_113816_000000452091_00080_43721_0686.N1	11-JUL-2010 11:38:16	Bright	44.500	79	26Bet Per	2.3100	13100.	89	43721	No
138	GOM_NL__2PRFIN20100711_114059_000000442091_00080_43721_0687.N1	11-JUL-2010 11:40:59	Bright	43.500	150	44Zet Per	2.8900	28000.	87	43721	No
139	GOM_NL__2PRFIN20100711_114326_000000392091_00080_43721_0688.N1	11-JUL-2010 11:43:26	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	43721	No
140	GOM_NL__2PRFIN20100711_115052_000000602091_00080_43721_0689.N1	11-JUL-2010 11:50:52	Dark	59.500	94	92Alp Cet	2.5260	3100.0	119	43721	No
141	GOM_NL__2PRFIN20100711_115410_000000452091_00080_43721_0690.N1	11-JUL-2010 11:54:10	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	43721	No
142	GOM_NL__2PRFIN20100711_120258_000000412091_00080_43721_0691.N1	11-JUL-2010 12:02:58	Dark	41.000	157	The1Eri	2.9060	9300.0	82	43721	No
143	GOM_NL__2PRFIN20100711_120910_000000532091_00081_43722_0703.N1	11-JUL-2010 12:09:10	Dark	53.000	9	Alp Eri	0.45300	24000.	106	43722	No
144	GOM_NL__2PRFIN20100711_121131_000000522091_00081_43722_0704.N1	11-JUL-2010 12:11:31	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	43722	No
145	GOM_NL__2PRFIN20100711_121737_000000562091_00081_43722_0705.N1	11-JUL-2010 12:17:37	Straylight	55.500	63	Bet Gru	2.1500	2800.0	111	43722	No
146	GOM_NL__2PRFIN20100711_121921_000000482091_00081_43722_0706.N1	11-JUL-2010 12:19:21	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	43722	No
147	GOM_NL__2PRFIN20100711_122231_000000552091_00081_43722_0707.N1	11-JUL-2010 12:22:31	Straylight	54.500	172	Gam Gru	3.0030	13100.	109	43722	No
148	GOM_NL__2PRFIN20100711_122948_000000442091_00081_43722_0708.N1	11-JUL-2010 12:29:48	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	43722	No
149	GOM_NL__2PRFIN20100711_123221_000000382091_00081_43722_0709.N1	11-JUL-2010 12:32:21	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	43722	No
150	GOM_NL__2PRFIN20100711_124328_000000432091_00081_43722_0710.N1	11-JUL-2010 12:43:28	Bright	42.500	168	17Zet Aql	2.9860	11000.	85	43722	No
151	GOM_NL__2PRFIN20100711_125031_000000432091_00081_43722_0711.N1	11-JUL-2010 12:50:31	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	43722	No
152	GOM_NL__2PRFIN20100711_125342_000000392091_00081_43722_0712.N1	11-JUL-2010 12:53:42	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	43722	No
153	GOM_NL__2PRFIN20100711_131006_000000632091_00081_43722_0713.N1	11-JUL-2010 13:10:06	Bright	63.000	76	27Gam Cas	2.3000	30000.	126	43722	No
154	GOM_NL__2PRFIN20100711_131443_000000412091_00081_43722_0714.N1	11-JUL-2010 13:14:43	Bright	40.500	160	23Gam Per	2.9300	4700.0	81	43722	No
155	GOM_NL__2PRFIN20100711_131642_000000422091_00081_43722_0715.N1	11-JUL-2010 13:16:42	Bright	42.000	175	39Del Per	3.0100	19400.	84	43722	No
156	GOM_NL__2PRFIN20100711_131852_000000452091_00081_43722_0716.N1	11-JUL-2010 13:18:52	Bright	45.000	79	26Bet Per	2.3100	13100.	90	43722	No
157	GOM_NL__2PRFIN20100711_132135_000000432091_00081_43722_0717.N1	11-JUL-2010 13:21:35	Bright	42.500	150	44Zet Per	2.8900	28000.	85	43722	No
158	GOM_NL__2PRFIN20100711_132403_000000442091_00081_43722_0718.N1	11-JUL-2010 13:24:03	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	43722	No
159	GOM_NL__2PRFIN20100711_133128_000000572091_00081_43722_0719.N1	11-JUL-2010 13:31:28	Dark	56.500	94	92Alp Cet	2.5260	3100.0	113	43722	No
160	GOM_NL__2PRFIN20100711_133447_000000452091_00081_43722_0720.N1	11-JUL-2010 13:34:47	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	43722	No



161	GOM_NL__2PRFIN20100711_134335_000000442091_00081_43722_0721.N1	11-JUL-2010 13:43:35	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43722	No
162	GOM_NL__2PRFIN20100711_134946_000000482091_00082_43723_0737.N1	11-JUL-2010 13:49:46	Dark	47.500	9	Alp Eri	0.45300	24000.	95	43723	No
163	GOM_NL__2PRFIN20100711_135208_000000512091_00082_43723_0738.N1	11-JUL-2010 13:52:08	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	43723	No
164	GOM_NL__2PRFIN20100711_135814_000000522091_00082_43723_0739.N1	11-JUL-2010 13:58:14	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	43723	No
165	GOM_NL__2PRFIN20100711_135957_000000522091_00082_43723_0740.N1	11-JUL-2010 13:59:57	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	43723	No
166	GOM_NL__2PRFIN20100711_140308_000000542091_00082_43723_0741.N1	11-JUL-2010 14:03:08	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	43723	No
167	GOM_NL__2PRFIN20100711_141024_000000482091_00082_43723_0742.N1	11-JUL-2010 14:10:24	Bright	48.000	103	38Zet Sgr	2.6000	9700.0	96	43723	No
168	GOM_NL__2PRFIN20100711_141257_000000412091_00082_43723_0743.N1	11-JUL-2010 14:12:57	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	43723	No
169	GOM_NL__2PRFIN20100711_142403_000000412091_00082_43723_0744.N1	11-JUL-2010 14:24:03	Bright	41.000	168	17Zet Aql	2.9860	11000.	82	43723	No
170	GOM_NL__2PRFIN20100711_143107_000000432091_00082_43723_0745.N1	11-JUL-2010 14:31:07	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	43723	No
171	GOM_NL__2PRFIN20100711_143418_000000352091_00082_43723_0746.N1	11-JUL-2010 14:34:18	Bright	34.500	69	33Gam Dra	2.2310	3800.0	69	43723	No
172	GOM_NL__2PRFIN20100711_144157_000000412091_00082_43723_0747.N1	11-JUL-2010 14:41:57	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	43723	No
173	GOM_NL__2PRFIN20100711_145042_000000482091_00082_43723_0748.N1	11-JUL-2010 14:50:42	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43723	No
174	GOM_NL__2PRFIN20100711_145519_000000402091_00082_43723_0749.N1	11-JUL-2010 14:55:19	Bright	39.500	160	23Gam Per	2.9300	4700.0	79	43723	No
175	GOM_NL__2PRFIN20100711_145718_000000372091_00082_43723_0750.N1	11-JUL-2010 14:57:18	Bright	36.500	175	39Del Per	3.0100	19400.	73	43723	No
176	GOM_NL__2PRFIN20100711_145928_000000462091_00082_43723_0751.N1	11-JUL-2010 14:59:28	Bright	45.500	79	26Bet Per	2.3100	13100.	91	43723	No
177	GOM_NL__2PRFIN20100711_150211_000000452091_00082_43723_0752.N1	11-JUL-2010 15:02:11	Bright	45.000	150	44Zet Per	2.8900	28000.	90	43723	No
178	GOM_NL__2PRFIN20100711_150439_000000452091_00082_43723_0753.N1	11-JUL-2010 15:04:39	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	43723	No
179	GOM_NL__2PRFIN20100711_151205_000000542091_00082_43723_0754.N1	11-JUL-2010 15:12:05	Dark	54.000	94	92Alp Cet	2.5260	3100.0	108	43723	No
180	GOM_NL__2PRFIN20100711_151523_000000482091_00082_43723_0755.N1	11-JUL-2010 15:15:23	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	43723	No
181	GOM_NL__2PRFIN20100711_152411_000000412091_00082_43723_0756.N1	11-JUL-2010 15:24:11	Dark	41.000	157	The1Eri	2.9060	9300.0	82	43723	No
182	GOM_NL__2PRFIN20100711_153023_000000492091_00083_43724_0770.N1	11-JUL-2010 15:30:23	Dark	48.500	9	Alp Eri	0.45300	24000.	97	43724	No
183	GOM_NL__2PRFIN20100711_153245_000000512091_00083_43724_0771.N1	11-JUL-2010 15:32:45	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	43724	No
184	GOM_NL__2PRFIN20100711_153851_000000512091_00083_43724_0772.N1	11-JUL-2010 15:38:51	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	43724	No
185	GOM_NL__2PRFIN20100711_154034_000000502091_00083_43724_0773.N1	11-JUL-2010 15:40:34	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	43724	No
186	GOM_NL__2PRFIN20100711_154344_000000532091_00083_43724_0774.N1	11-JUL-2010 15:43:44	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	43724	No
187	GOM_NL__2PRFIN20100711_155100_000000442091_00083_43724_0775.N1	11-JUL-2010 15:51:00	Bright	44.000	103	38Zet Sgr	2.6000	9700.0	88	43724	No
188	GOM_NL__2PRFIN20100711_155333_000000422091_00083_43724_0776.N1	11-JUL-2010 15:53:33	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	43724	No
189	GOM_NL__2PRFIN20100711_160439_000000442091_00083_43724_0777.N1	11-JUL-2010 16:04:39	Bright	44.000	168	17Zet Aql	2.9860	11000.	88	43724	No
190	GOM_NL__2PRFIN20100711_161142_000000422091_00083_43724_0778.N1	11-JUL-2010 16:11:42	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	43724	No
191	GOM_NL__2PRFIN20100711_161454_000000392091_00083_43724_0779.N1	11-JUL-2010 16:14:54	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	43724	No
192	GOM_NL__2PRFIN20100711_162233_000000462091_00083_43724_0780.N1	11-JUL-2010 16:22:33	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	43724	No
193	GOM_NL__2PRFIN20100711_163117_000000472091_00083_43724_0781.N1	11-JUL-2010 16:31:17	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43724	No
194	GOM_NL__2PRFIN20100711_163555_000000592091_00083_43724_0782.N1	11-JUL-2010 16:35:55	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	43724	No
195	GOM_NL__2PRFIN20100711_163712_000000402091_00083_43724_0783.N1	11-JUL-2010 16:37:12	Bright	40.000	35	33Alp Per	1.7950	6250.0	80	43724	No
196	GOM_NL__2PRFIN20100711_164004_000000452091_00083_43724_0784.N1	11-JUL-2010 16:40:04	Bright	44.500	79	26Bet Per	2.3100	13100.	89	43724	No
197	GOM_NL__2PRFIN20100711_164247_000000452091_00083_43724_0785.N1	11-JUL-2010 16:42:47	Bright	45.000	150	44Zet Per	2.8900	28000.	90	43724	No
198	GOM_NL__2PRFIN20100711_164515_000000452091_00083_43724_0786.N1	11-JUL-2010 16:45:15	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	43724	No
199	GOM_NL__2PRFIN20100711_165241_000000532091_00083_43724_0787.N1	11-JUL-2010 16:52:41	Dark	53.000	94	92Alp Cet	2.5260	3100.0	106	43724	No
200	GOM_NL__2PRFIN20100711_165559_000000442091_00083_43724_0788.N1	11-JUL-2010 16:55:59	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	43724	No
201	GOM_NL__2PRFIN20100711_170448_000000412091_00083_43724_0789.N1	11-JUL-2010 17:04:48	Dark	41.000	157	The1Eri	2.9060	9300.0	82	43724	No
202	GOM_NL__2PRFIN20100711_171059_000000522091_00084_43725_0811.N1	11-JUL-2010 17:10:59	Dark	52.000	9	Alp Eri	0.45300	24000.	104	43725	No
203	GOM_NL__2PRFIN20100711_171322_000000522091_00084_43725_0812.N1	11-JUL-2010 17:13:22	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	43725	No
204	GOM_NL__2PRFIN20100711_171928_000000502091_00084_43725_0813.N1	11-JUL-2010 17:19:28	Straylight	49.500	63	Bet Gru	2.1500	2800.0	99	43725	No
205	GOM_NL__2PRFIN20100711_172111_000000482091_00084_43725_0814.N1	11-JUL-2010 17:21:11	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	43725	No
206	GOM_NL__2PRFIN20100711_172421_000000522091_00084_43725_0815.N1	11-JUL-2010 17:24:21	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	43725	No
207	GOM_NL__2PRFIN20100711_173136_000000412091_00084_43725_0816.N1	11-JUL-2010 17:31:36	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	43725	No
208	GOM_NL__2PRFIN20100711_173410_000000412091_00084_43725_0817.N1	11-JUL-2010 17:34:10	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	43725	No
209	GOM_NL__2PRFIN20100711_174515_000000422091_00084_43725_0818.N1	11-JUL-2010 17:45:15	Bright	42.000	168	17Zet Aql	2.9860	11000.	84	43725	No
210	GOM_NL__2PRFIN20100711_175218_000000422091_00084_43725_0819.N1	11-JUL-2010 17:52:18	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	43725	No
211	GOM_NL__2PRFIN20100711_175530_000000392091_00084_43725_0820.N1	11-JUL-2010 17:55:30	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	43725	No
212	GOM_NL__2PRFIN20100711_180308_000000452091_00084_43725_0821.N1	11-JUL-2010 18:03:08	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	43725	No
213	GOM_NL__2PRFIN20100711_181152_000000482091_00084_43725_0822.N1	11-JUL-2010 18:11:52	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43725	No
214	GOM_NL__2PRFIN20100711_181631_000000452091_00084_43725_0823.N1	11-JUL-2010 18:16:31	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	43725	No
215	GOM_NL__2PRFIN20100711_181747_000000432091_00084_43725_0824.N1	11-JUL-2010 18:17:47	Bright	43.000	35	33Alp Per	1.7950	6250.0	86	43725	No
216	GOM_NL__2PRFIN20100711_182040_000000452091_00084_43725_0825.N1	11-JUL-2010 18:20:40	Bright	45.000	79	26Bet Per	2.3100	13100.	90	43725	No
217	GOM_NL__2PRFIN20100711_182323_000000462091_00084_43725_0826.N1	11-JUL-2010 18:23:23	Bright	46.000	150	44Zet Per	2.8900	28000.	92	43725	No
218	GOM_NL__2PRFIN20100711_182551_000000422091_00084_43725_0827.N1	11-JUL-2010 18:25:51	Twilight	41.500	146	25Eta Tau	2.8730	15200.	83	43725	No
219	GOM_NL__2PRFIN20100711_183318_000000582091_00084_43725_0828.N1	11-JUL-2010 18:33:18	Dark	57.500	94	92Alp Cet	2.5260	3100.0	115	43725	No

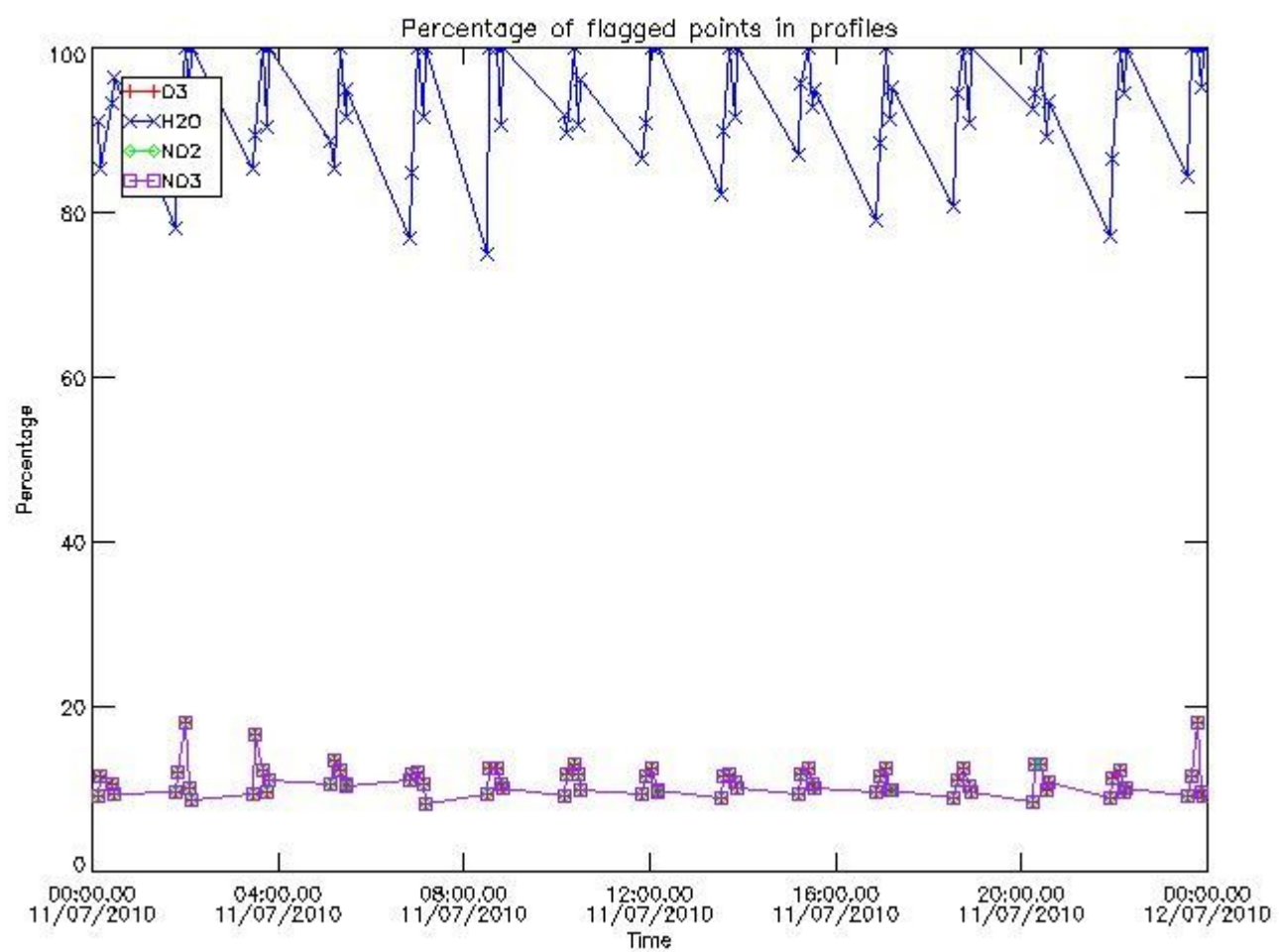
220	GOM_NL__2PRFIN20100711_183635_000000462091_00084_43725_0829.N1	11-JUL-2010 18:36:35	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	43725	No
221	GOM_NL__2PRFIN20100711_184524_000000412091_00084_43725_0830.N1	11-JUL-2010 18:45:24	Dark	40.500	157	The1Eri	2.9060	9300.0	81	43725	No
222	GOM_NL__2PRFIN20100711_185136_000000492091_00085_43726_0859.N1	11-JUL-2010 18:51:36	Dark	49.000	9	Alp Eri	0.45300	24000.	98	43726	No
223	GOM_NL__2PRFIN20100711_185359_000000542091_00085_43726_0860.N1	11-JUL-2010 18:53:59	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	43726	No
224	GOM_NL__2PRFIN20100711_190005_000000502091_00085_43726_0861.N1	11-JUL-2010 19:00:05	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	43726	No
225	GOM_NL__2PRFIN20100711_190147_000000472091_00085_43726_0862.N1	11-JUL-2010 19:01:47	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	43726	No
226	GOM_NL__2PRFIN20100711_190458_000000522091_00085_43726_0863.N1	11-JUL-2010 19:04:58	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	43726	No
227	GOM_NL__2PRFIN20100711_191213_000000482091_00085_43726_0864.N1	11-JUL-2010 19:12:13	Bright	47.500	103	38Zet Sgr	2.6000	9700.0	95	43726	No
228	GOM_NL__2PRFIN20100711_191446_000000412091_00085_43726_0865.N1	11-JUL-2010 19:14:46	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	43726	No
229	GOM_NL__2PRFIN20100711_192550_000000412091_00085_43726_0866.N1	11-JUL-2010 19:25:50	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	43726	No
230	GOM_NL__2PRFIN20100711_193254_000000442091_00085_43726_0867.N1	11-JUL-2010 19:32:54	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	43726	No
231	GOM_NL__2PRFIN20100711_193606_000000402091_00085_43726_0868.N1	11-JUL-2010 19:36:06	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	43726	No
232	GOM_NL__2PRFIN20100711_194343_000000422091_00085_43726_0869.N1	11-JUL-2010 19:43:43	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43726	No
233	GOM_NL__2PRFIN20100711_195228_000000642091_00085_43726_0870.N1	11-JUL-2010 19:52:28	Bright	64.000	76	27Gam Cas	2.3000	30000.	128	43726	No
234	GOM_NL__2PRFIN20100711_195707_000000392091_00085_43726_0871.N1	11-JUL-2010 19:57:07	Bright	39.000	160	23Gam Per	2.9300	4700.0	78	43726	No
235	GOM_NL__2PRFIN20100711_195823_000000422091_00085_43726_0872.N1	11-JUL-2010 19:58:23	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	43726	No
236	GOM_NL__2PRFIN20100711_200116_000000432091_00085_43726_0873.N1	11-JUL-2010 20:01:16	Bright	42.500	79	26Bet Per	2.3100	13100.	85	43726	No
237	GOM_NL__2PRFIN20100711_200359_000000442091_00085_43726_0874.N1	11-JUL-2010 20:03:59	Bright	44.000	150	44Zet Per	2.8900	28000.	88	43726	No
238	GOM_NL__2PRFIN20100711_200627_000000452091_00085_43726_0875.N1	11-JUL-2010 20:06:27	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	43726	No
239	GOM_NL__2PRFIN20100711_201354_000000612091_00085_43726_0876.N1	11-JUL-2010 20:13:54	Dark	61.000	94	92Alp Cet	2.5260	3100.0	122	43726	No
240	GOM_NL__2PRFIN20100711_201712_000000472091_00085_43726_0877.N1	11-JUL-2010 20:17:12	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	43726	No
241	GOM_NL__2PRFIN20100711_202601_000000402091_00085_43726_0878.N1	11-JUL-2010 20:26:01	Dark	39.500	157	The1Eri	2.9060	9300.0	79	43726	No
242	GOM_NL__2PRFIN20100711_203212_000000522091_00086_43727_0883.N1	11-JUL-2010 20:32:12	Dark	51.500	9	Alp Eri	0.45300	24000.	103	43727	No
243	GOM_NL__2PRFIN20100711_203436_000000472091_00086_43727_0884.N1	11-JUL-2010 20:34:36	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	43727	No
244	GOM_NL__2PRFIN20100711_204041_000000502091_00086_43727_0885.N1	11-JUL-2010 20:40:41	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	43727	No
245	GOM_NL__2PRFIN20100711_204224_000000472091_00086_43727_0886.N1	11-JUL-2010 20:42:24	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	43727	No
246	GOM_NL__2PRFIN20100711_204535_000000542091_00086_43727_0887.N1	11-JUL-2010 20:45:35	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	43727	No
247	GOM_NL__2PRFIN20100711_205249_000000412091_00086_43727_0888.N1	11-JUL-2010 20:52:49	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	43727	No
248	GOM_NL__2PRFIN20100711_205522_000000422091_00086_43727_0889.N1	11-JUL-2010 20:55:22	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	43727	No
249	GOM_NL__2PRFIN20100711_210626_000000432091_00086_43727_0890.N1	11-JUL-2010 21:06:26	Bright	42.500	168	17Zet Aql	2.9860	11000.	85	43727	No
250	GOM_NL__2PRFIN20100711_211330_000000402091_00086_43727_0891.N1	11-JUL-2010 21:13:30	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	43727	No
251	GOM_NL__2PRFIN20100711_211641_000000402091_00086_43727_0892.N1	11-JUL-2010 21:16:41	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	43727	No
252	GOM_NL__2PRFIN20100711_212419_000000462091_00086_43727_0893.N1	11-JUL-2010 21:24:19	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	43727	No
253	GOM_NL__2PRFIN20100711_213303_000000482091_00086_43727_0894.N1	11-JUL-2010 21:33:03	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43727	No
254	GOM_NL__2PRFIN20100711_213742_000000592091_00086_43727_0895.N1	11-JUL-2010 21:37:42	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	43727	No
255	GOM_NL__2PRFIN20100711_213859_000000402091_00086_43727_0896.N1	11-JUL-2010 21:38:59	Bright	39.500	35	33Alp Per	1.7950	6250.0	79	43727	No
256	GOM_NL__2PRFIN20100711_214152_000000442091_00086_43727_0897.N1	11-JUL-2010 21:41:52	Bright	44.000	79	26Bet Per	2.3100	13100.	88	43727	No
257	GOM_NL__2PRFIN20100711_214435_000000442091_00086_43727_0898.N1	11-JUL-2010 21:44:35	Bright	43.500	150	44Zet Per	2.8900	28000.	87	43727	No
258	GOM_NL__2PRFIN20100711_214704_000000412091_00086_43727_0899.N1	11-JUL-2010 21:47:04	Twilight	41.000	146	25Eta Tau	2.8730	15200.	82	43727	No
259	GOM_NL__2PRFIN20100711_215431_000000582091_00086_43727_0900.N1	11-JUL-2010 21:54:31	Dark	57.500	94	92Alp Cet	2.5260	3100.0	115	43727	No
260	GOM_NL__2PRFIN20100711_215748_000000452091_00086_43727_0901.N1	11-JUL-2010 21:57:48	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	43727	No
261	GOM_NL__2PRFIN20100711_220638_000000422091_00086_43727_0902.N1	11-JUL-2010 22:06:38	Dark	41.500	157	The1Eri	2.9060	9300.0	83	43727	No
262	GOM_NL__2PRFIN20100711_221249_000000542091_00087_43728_0896.N1	11-JUL-2010 22:12:49	Dark	53.500	9	Alp Eri	0.45300	24000.	107	43728	No
263	GOM_NL__2PRFIN20100711_221513_000000502091_00087_43728_0897.N1	11-JUL-2010 22:15:13	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	43728	No
264	GOM_NL__2PRFIN20100711_222118_000000602091_00087_43728_0898.N1	11-JUL-2010 22:21:18	Straylight	59.500	63	Bet Gru	2.1500	2800.0	119	43728	No
265	GOM_NL__2PRFIN20100711_222301_000000502091_00087_43728_0899.N1	11-JUL-2010 22:23:01	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	43728	No
266	GOM_NL__2PRFIN20100711_222612_000000532091_00087_43728_0900.N1	11-JUL-2010 22:26:12	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	43728	No
267	GOM_NL__2PRFIN20100711_223325_000000522091_00087_43728_0901.N1	11-JUL-2010 22:33:25	Bright	52.000	103	38Zet Sgr	2.6000	9700.0	104	43728	No
268	GOM_NL__2PRFIN20100711_223558_000000412091_00087_43728_0902.N1	11-JUL-2010 22:35:58	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	43728	No
269	GOM_NL__2PRFIN20100711_224702_000000412091_00087_43728_0903.N1	11-JUL-2010 22:47:02	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	43728	No
270	GOM_NL__2PRFIN20100711_225405_000000372091_00087_43728_0904.N1	11-JUL-2010 22:54:05	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	43728	No
271	GOM_NL__2PRFIN20100711_225717_000000532091_00087_43728_0905.N1	11-JUL-2010 22:57:17	Bright	53.000	69	33Gam Dra	2.2310	3800.0	106	43728	No
272	GOM_NL__2PRFIN20100711_230454_000000442091_00087_43728_0906.N1	11-JUL-2010 23:04:54	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43728	No
273	GOM_NL__2PRFIN20100711_231339_000000472091_00087_43728_0907.N1	11-JUL-2010 23:13:39	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43728	No
274	GOM_NL__2PRFIN20100711_231818_000000402091_00087_43728_0908.N1	11-JUL-2010 23:18:18	Bright	39.500	160	23Gam Per	2.9300	4700.0	79	43728	No
275	GOM_NL__2PRFIN20100711_231935_000000402091_00087_43728_0909.N1	11-JUL-2010 23:19:35	Bright	39.500	35	33Alp Per	1.7950	6250.0	79	43728	No
276	GOM_NL__2PRFIN20100711_232228_000000442091_00087_43728_0910.N1	11-JUL-2010 23:22:28	Bright	44.000	79	26Bet Per	2.3100	13100.	88	43728	No
277	GOM_NL__2PRFIN20100711_232511_000000432091_00087_43728_0911.N1	11-JUL-2010 23:25:11	Bright	42.500	150	44Zet Per	2.8900	28000.	85	43728	No
278	GOM_NL__2PRFIN20100711_232740_000000462091_00087_43728_0912.N1	11-JUL-2010 23:27:40	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	43728	No

279	GOM_NL__2PRFIN20100711_233507_000000552091_00087_43728_0913.N1	11-JUL-2010 23:35:07	Dark	55.000	94	92Alp Cet	2.5260	3100.0	110	43728	No
280	GOM_NL__2PRFIN20100711_233824_000000442091_00087_43728_0914.N1	11-JUL-2010 23:38:24	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	43728	No
281	GOM_NL__2PRFIN20100711_234714_000000402091_00087_43728_0915.N1	11-JUL-2010 23:47:14	Dark	39.500	157	The1Eri	2.9060	9300.0	79	43728	No
282	GOM_NL__2PRFIN20100711_235325_000000532091_00088_43729_0905.N1	11-JUL-2010 23:53:25	Dark	53.000	9	Alp Eri	0.45300	24000.	106	43729	No
283	GOM_NL__2PRFIN20100711_235550_000000552091_00088_43729_0906.N1	11-JUL-2010 23:55:50	Dark	55.000	84	Alp Phe	2.3970	4500.0	110	43729	No

### 3. Quality information per product

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

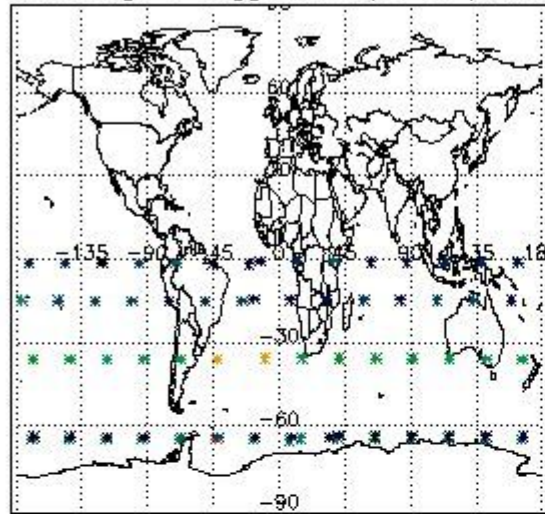
#### 3.1 Plot quality information per product (time dependant)



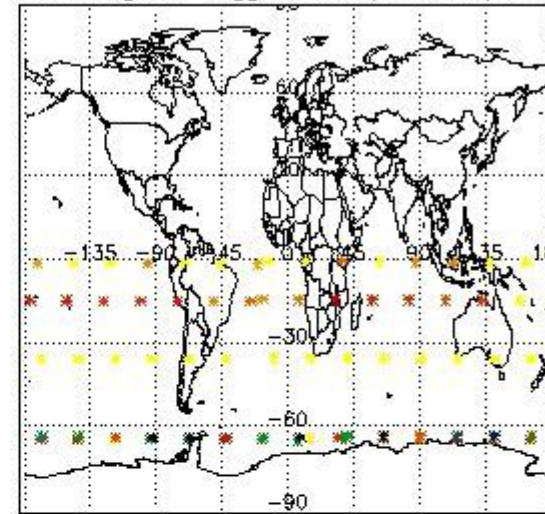
#### 3.2 Plot quality information per product (world map)



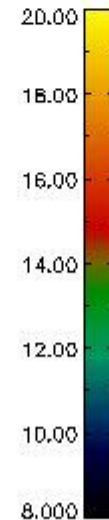
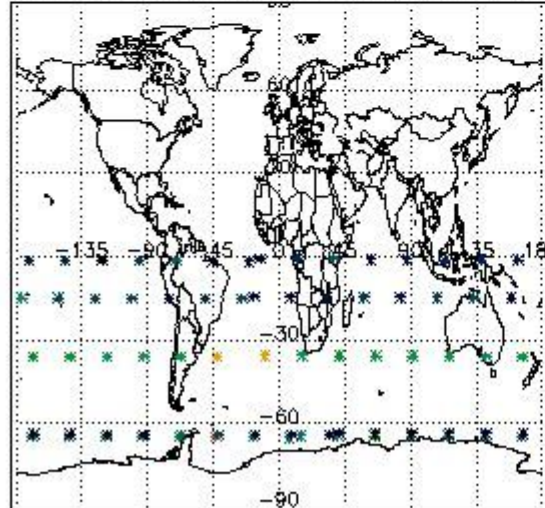
Percentage of flagged data per O3 profile



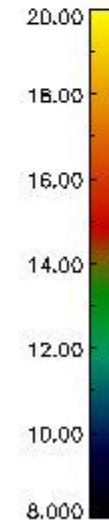
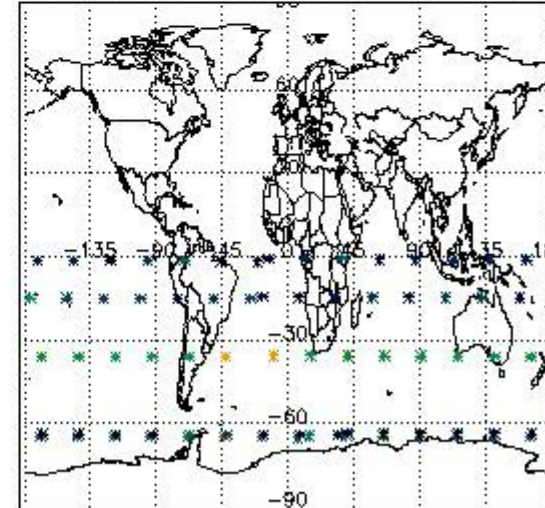
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



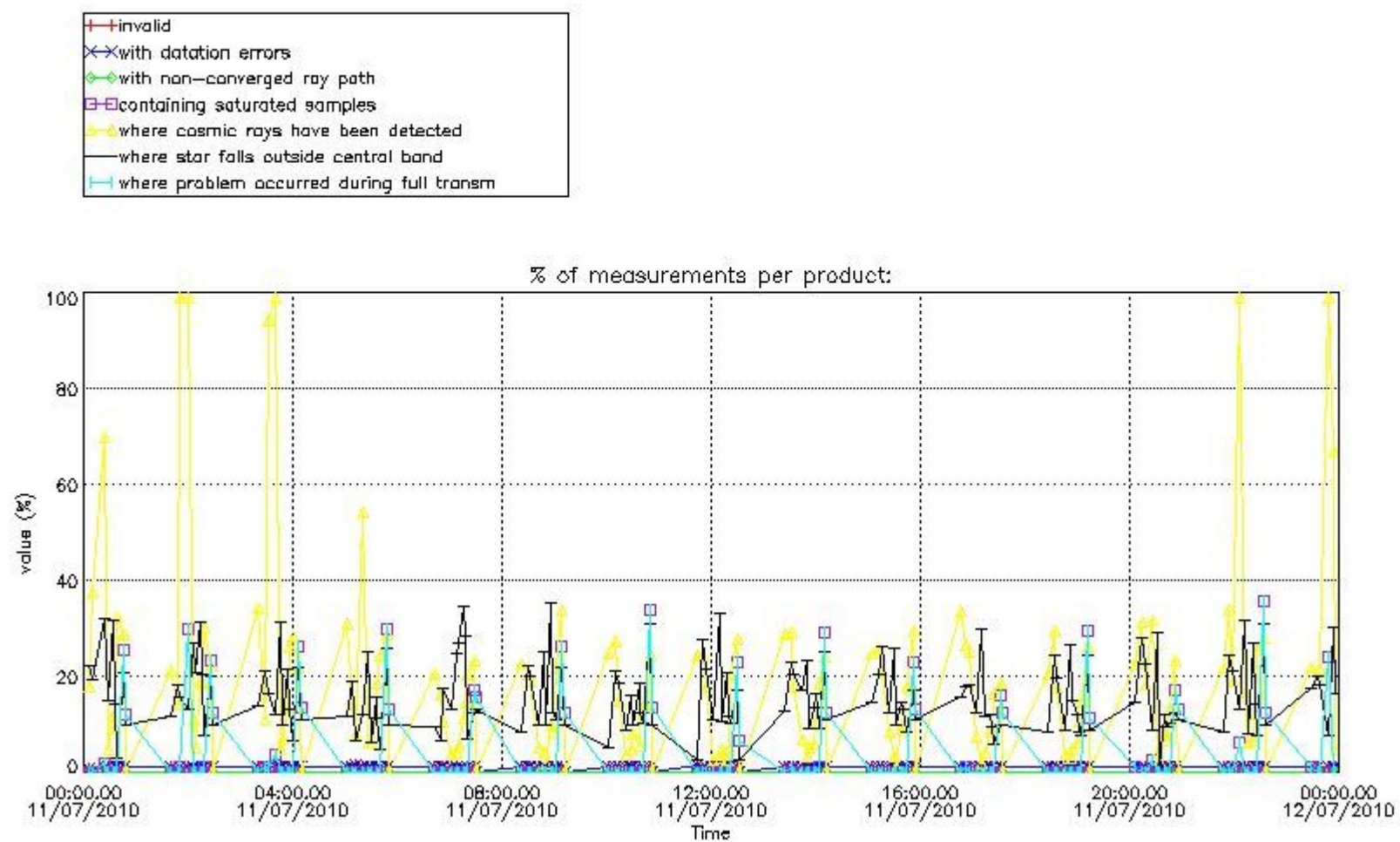
#### 4. Level 1 quality information per product

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

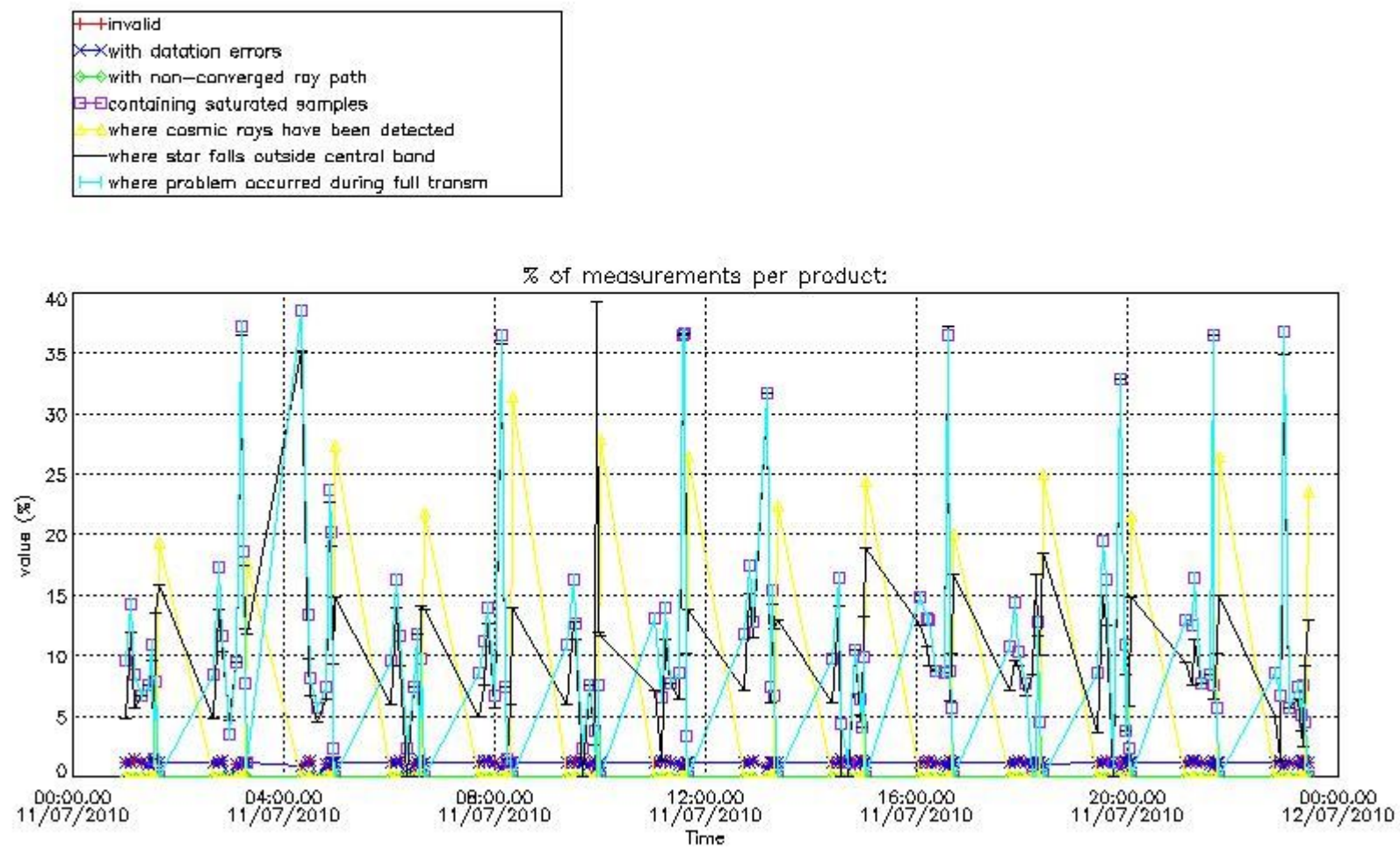
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



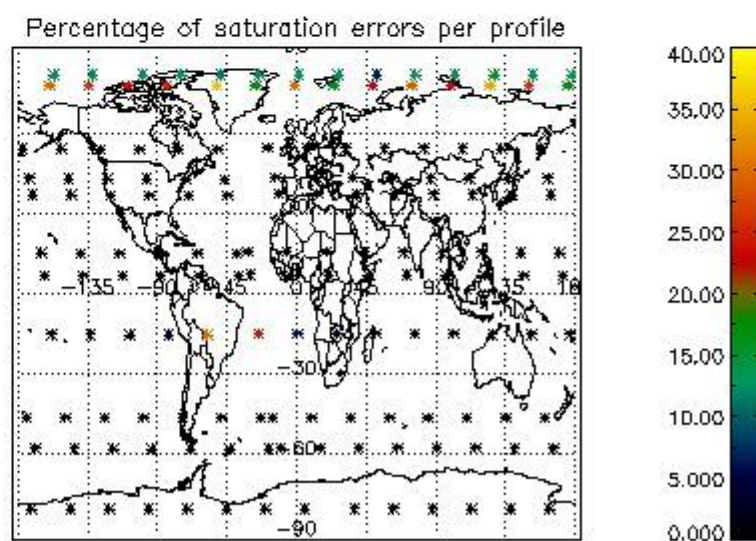
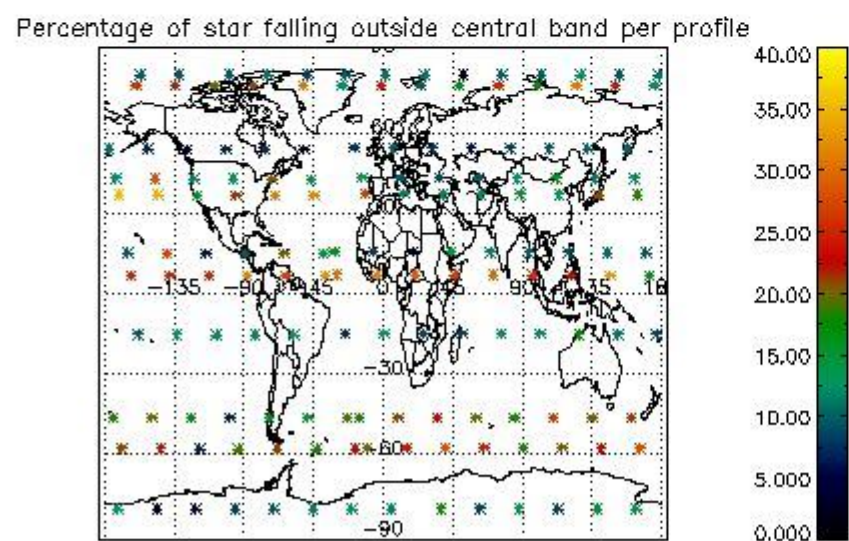
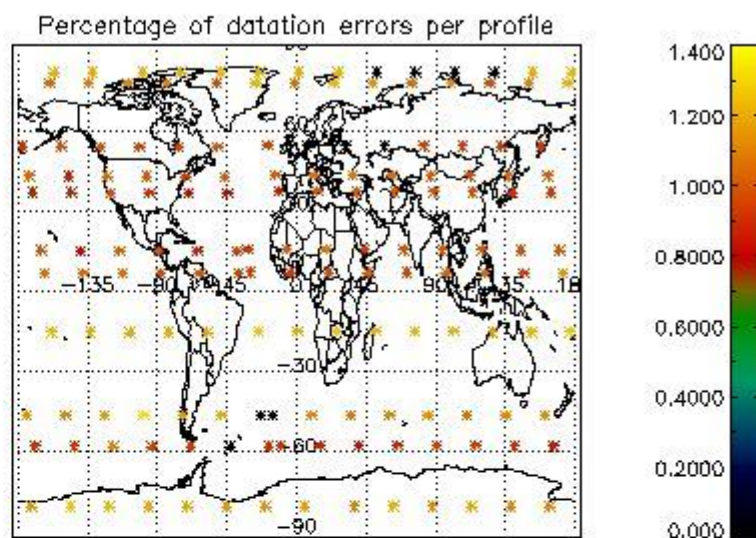
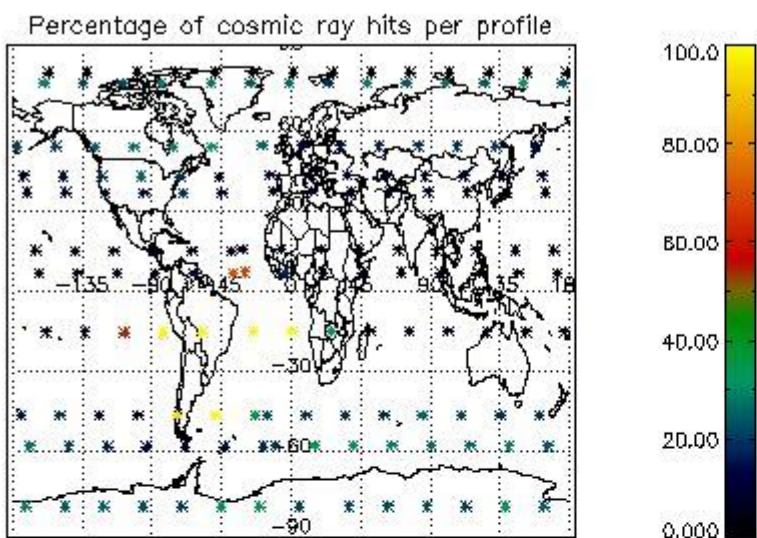


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



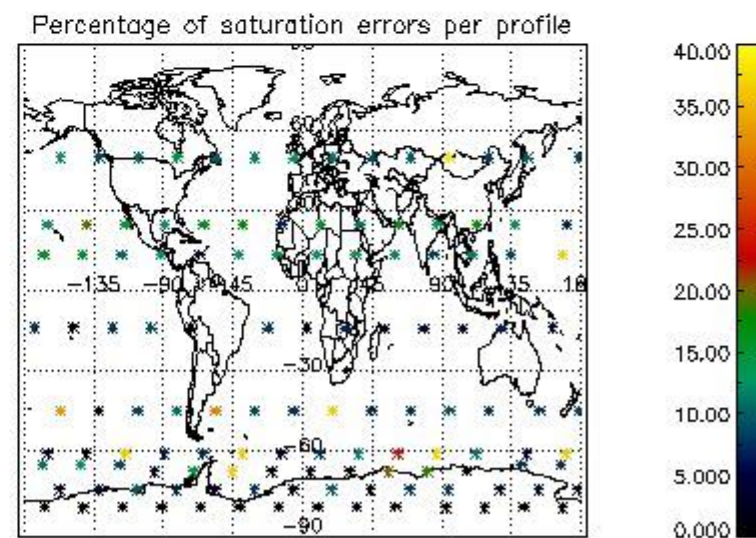
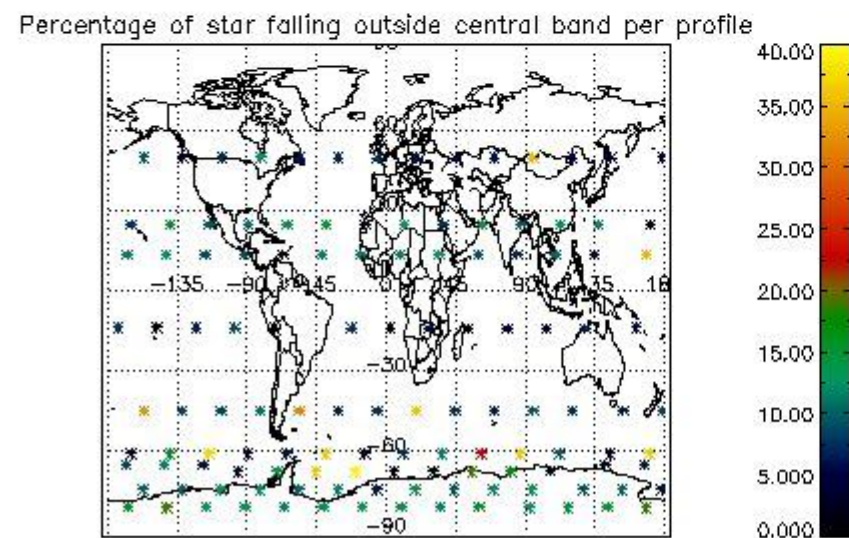
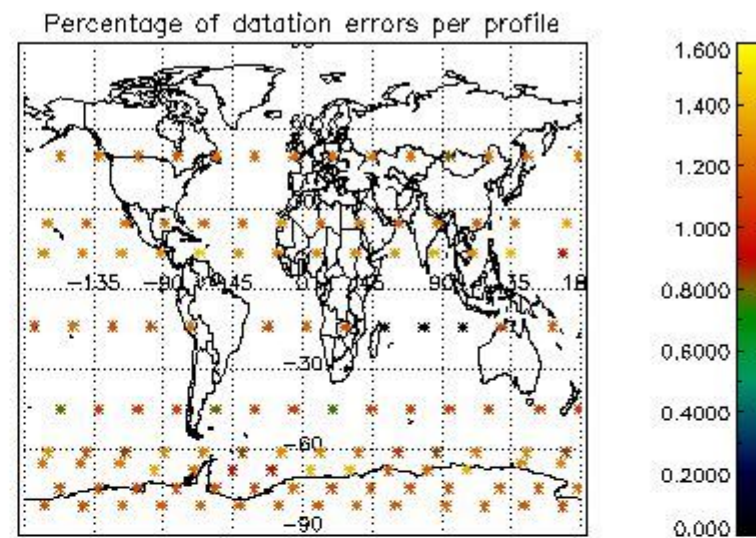
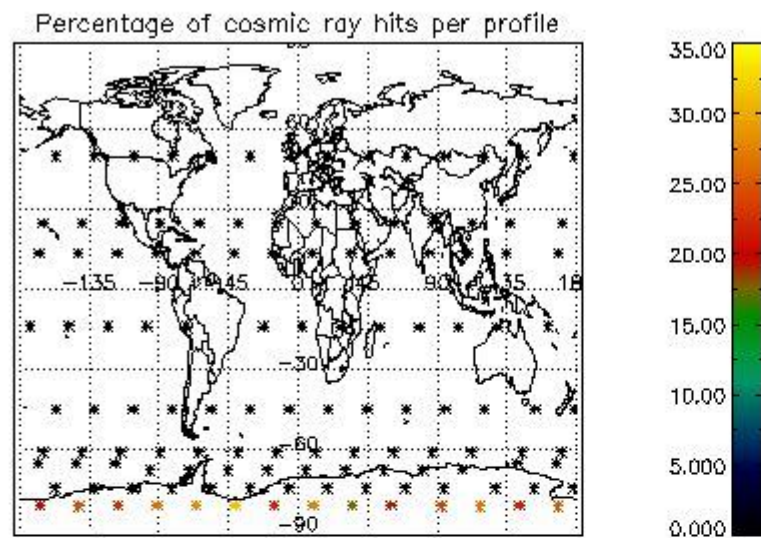
4.2 Plot quality information per product coming from level 1b processing (world map)

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



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

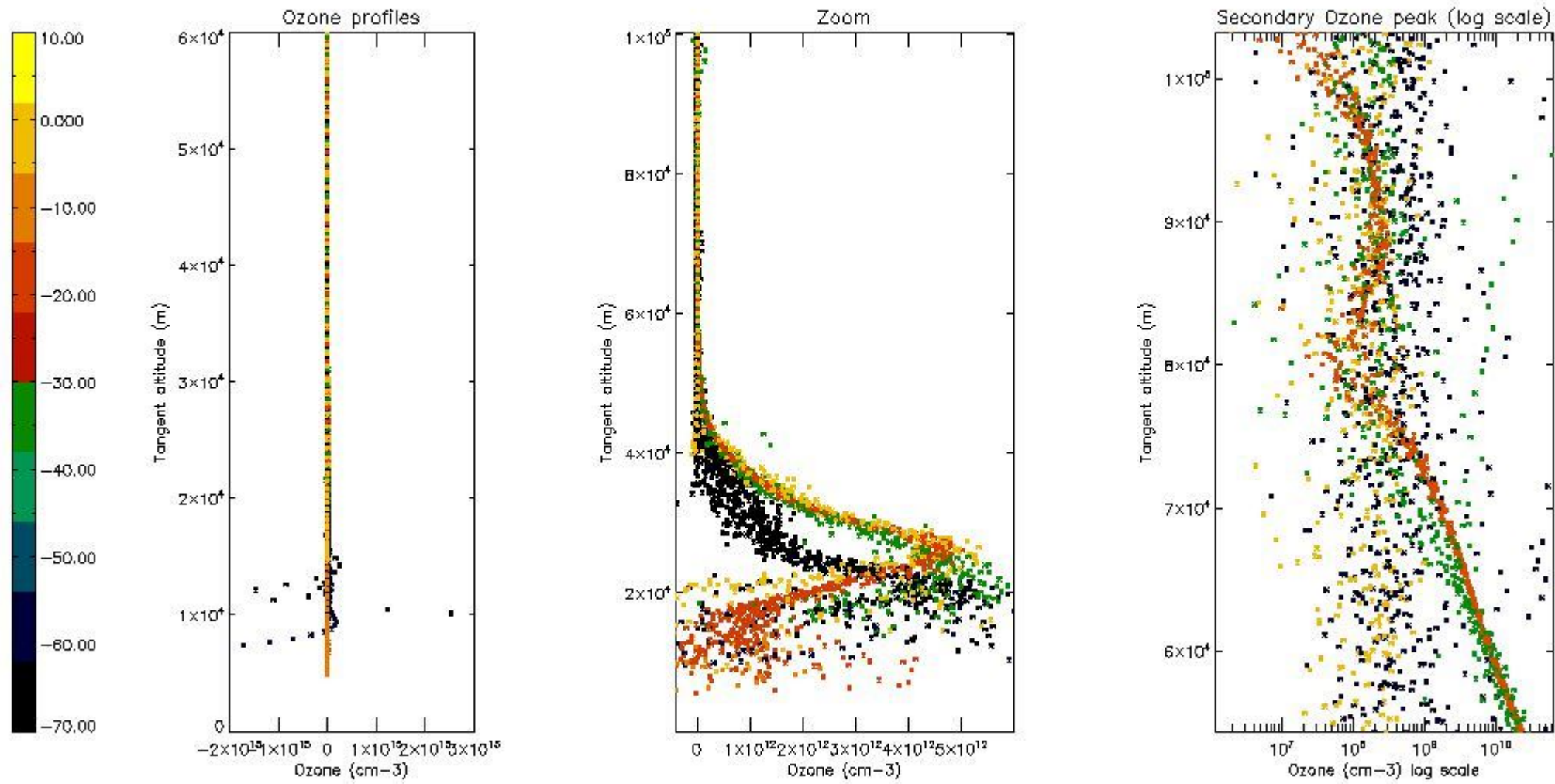
Criteria	% of total production
All STD	28
STD < 20	9



STD < 10	5
STD < 5	3

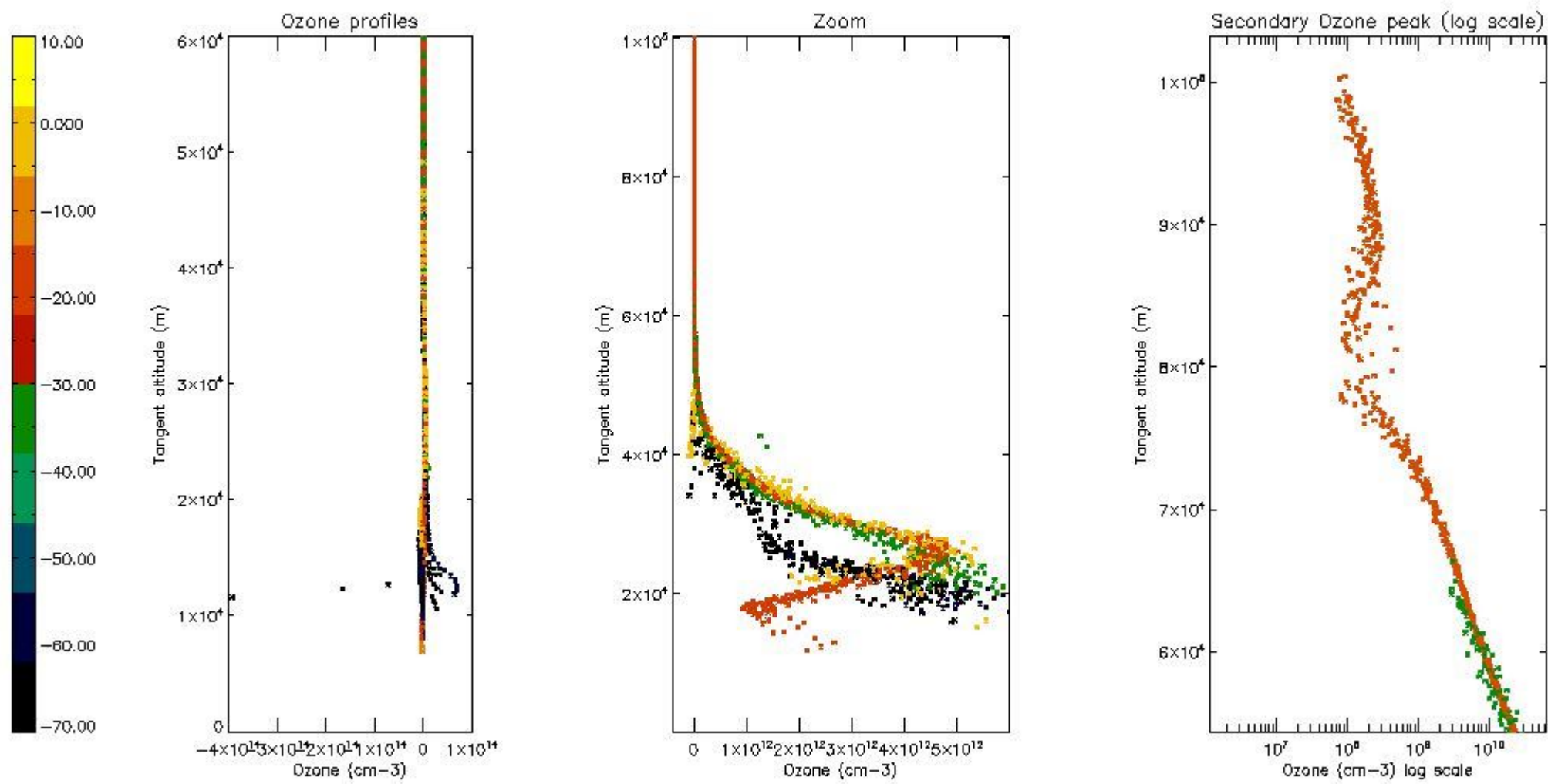
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



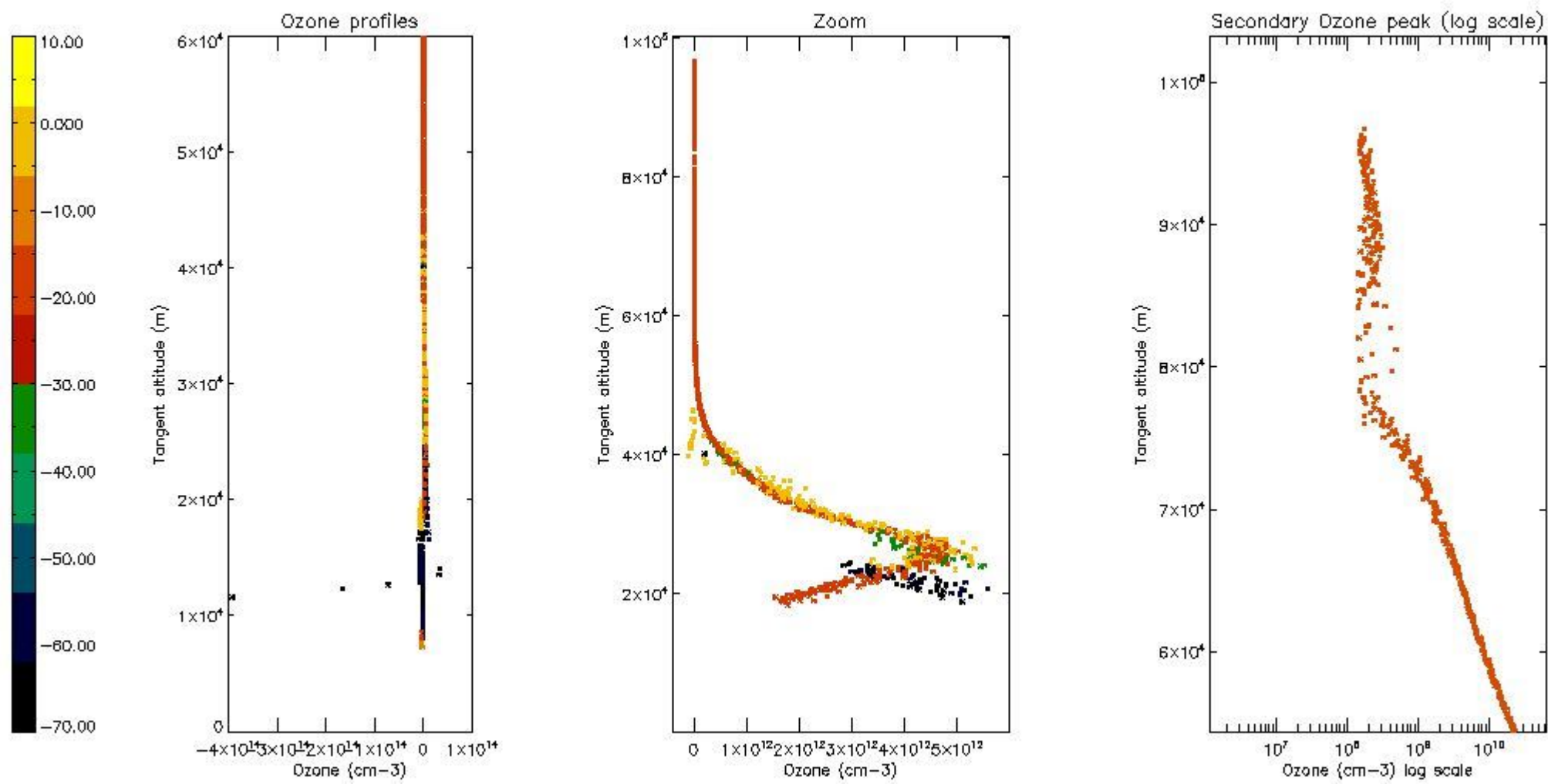
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



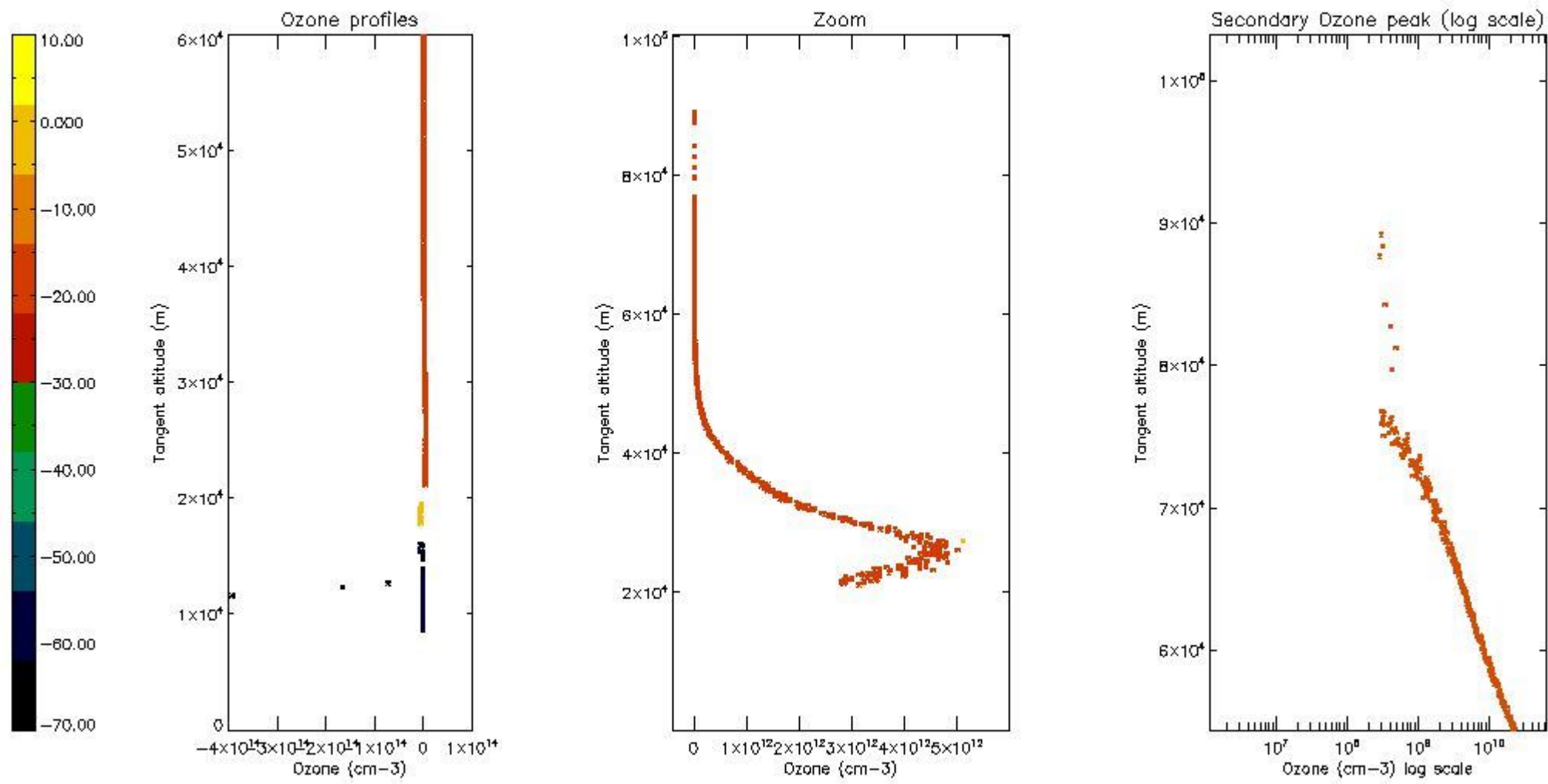
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



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

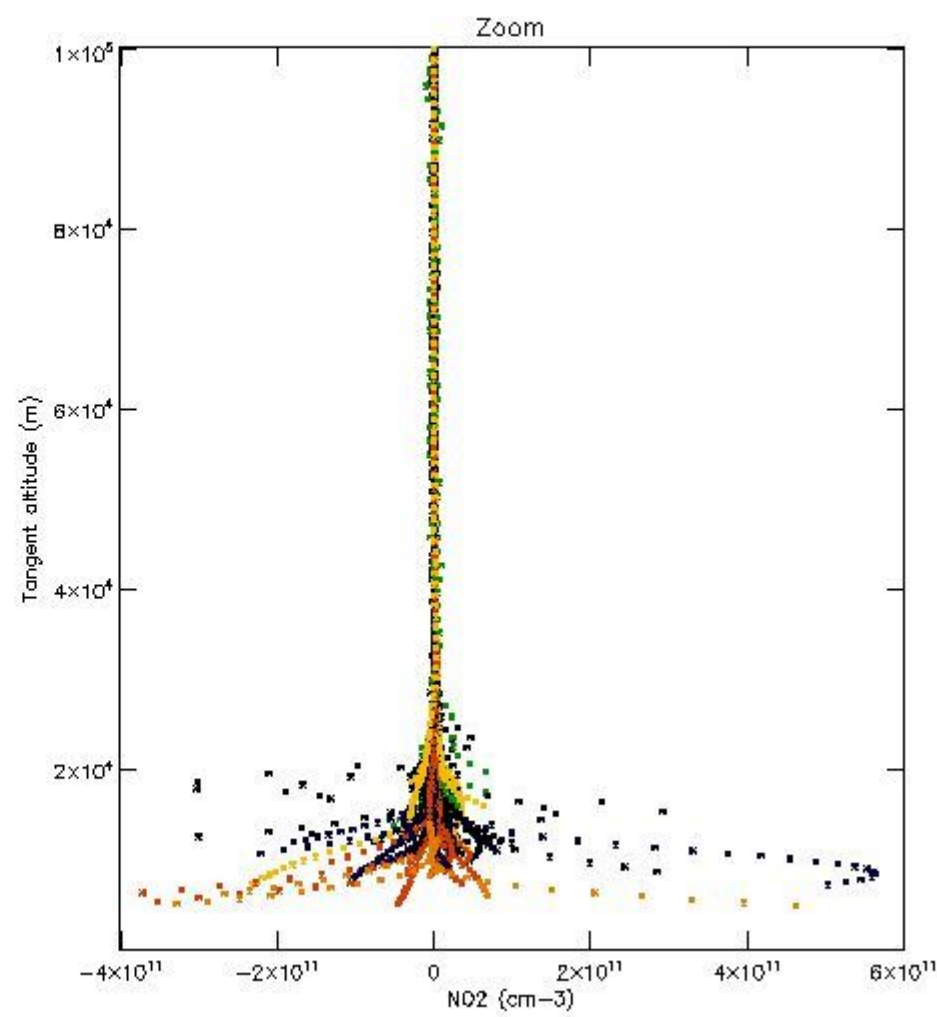
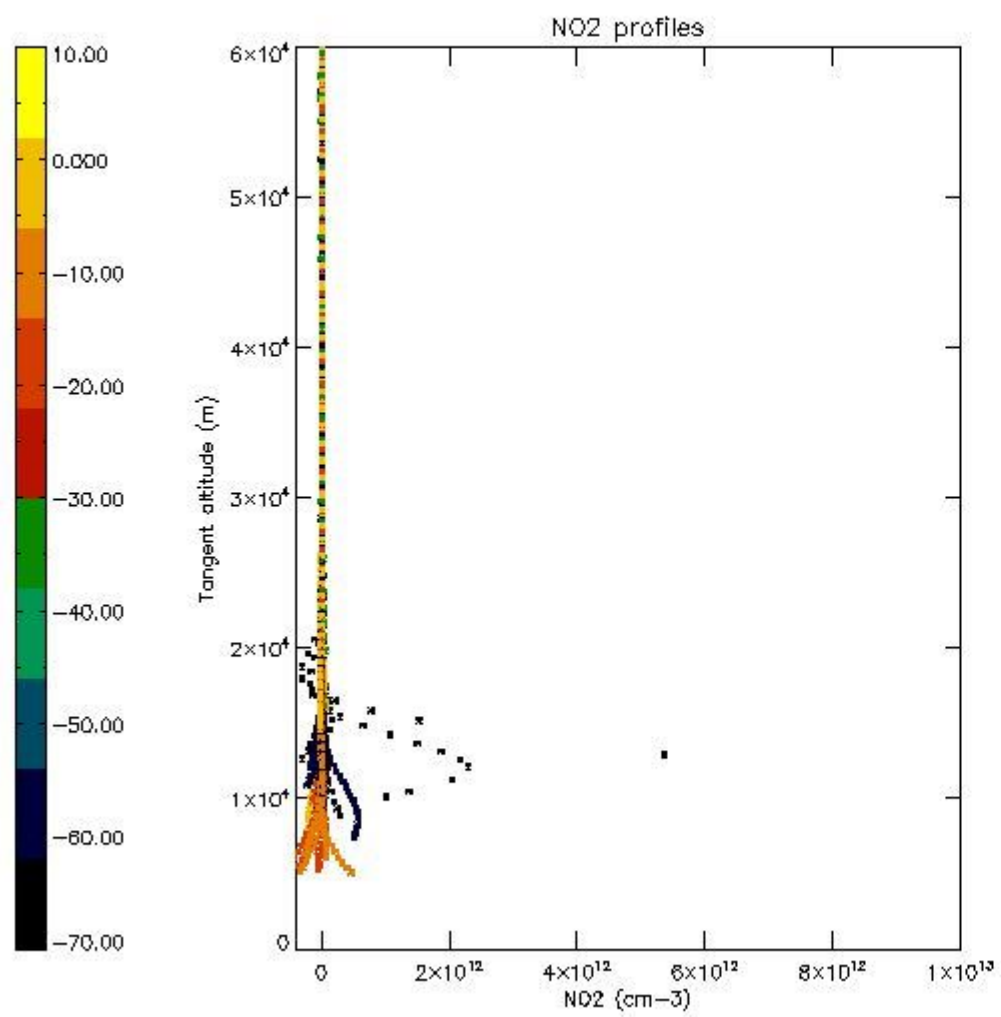
The colorbar represents the latitude.



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

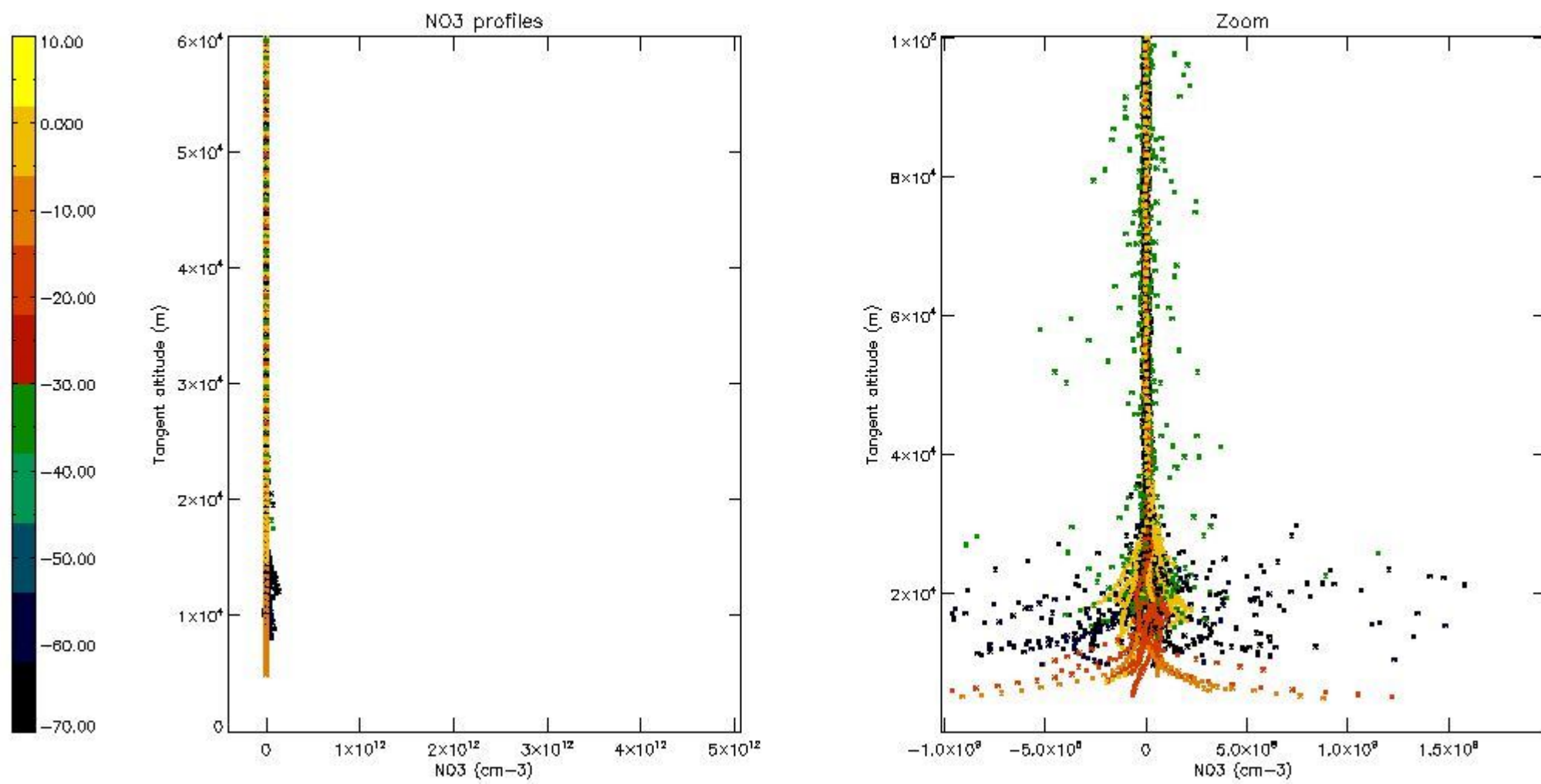
The colorbar represents the latitude.





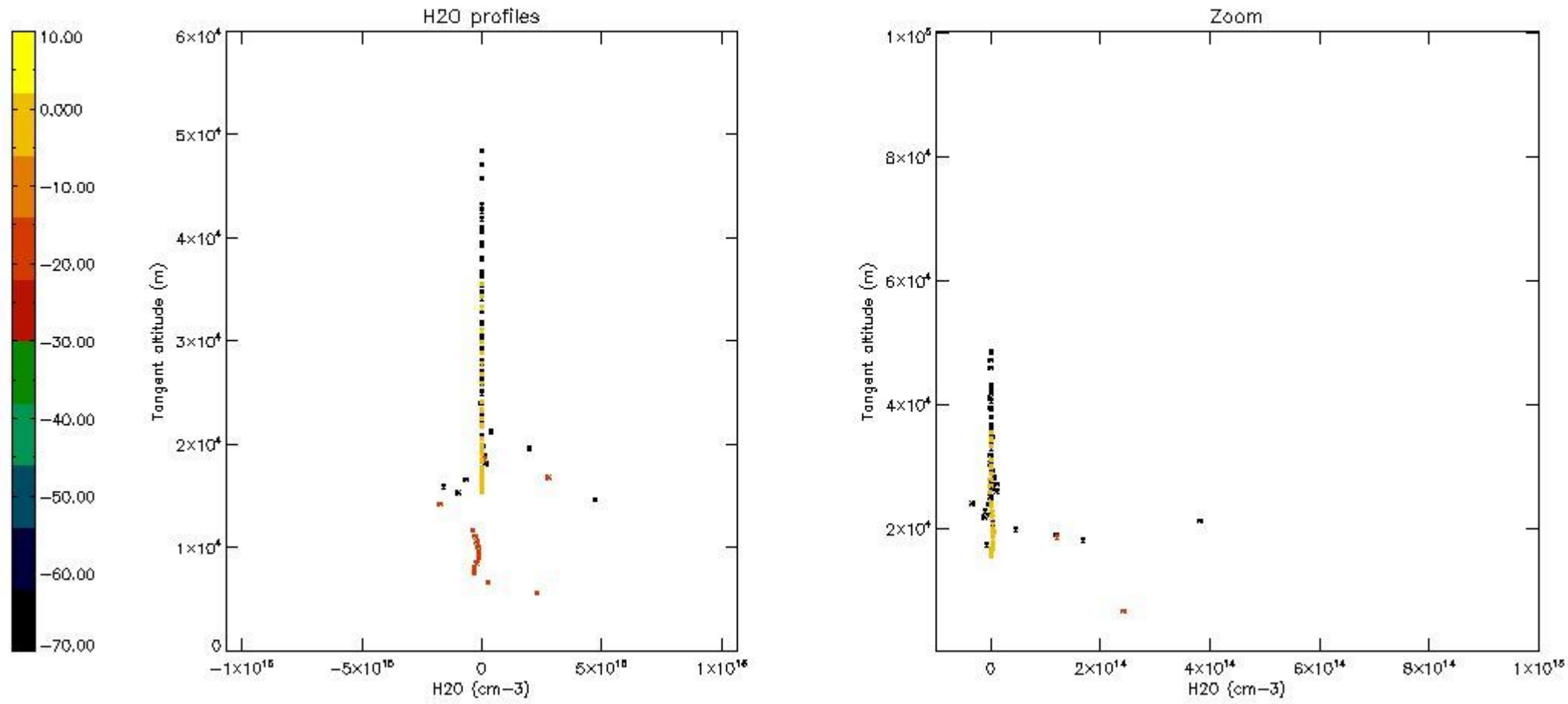
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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)

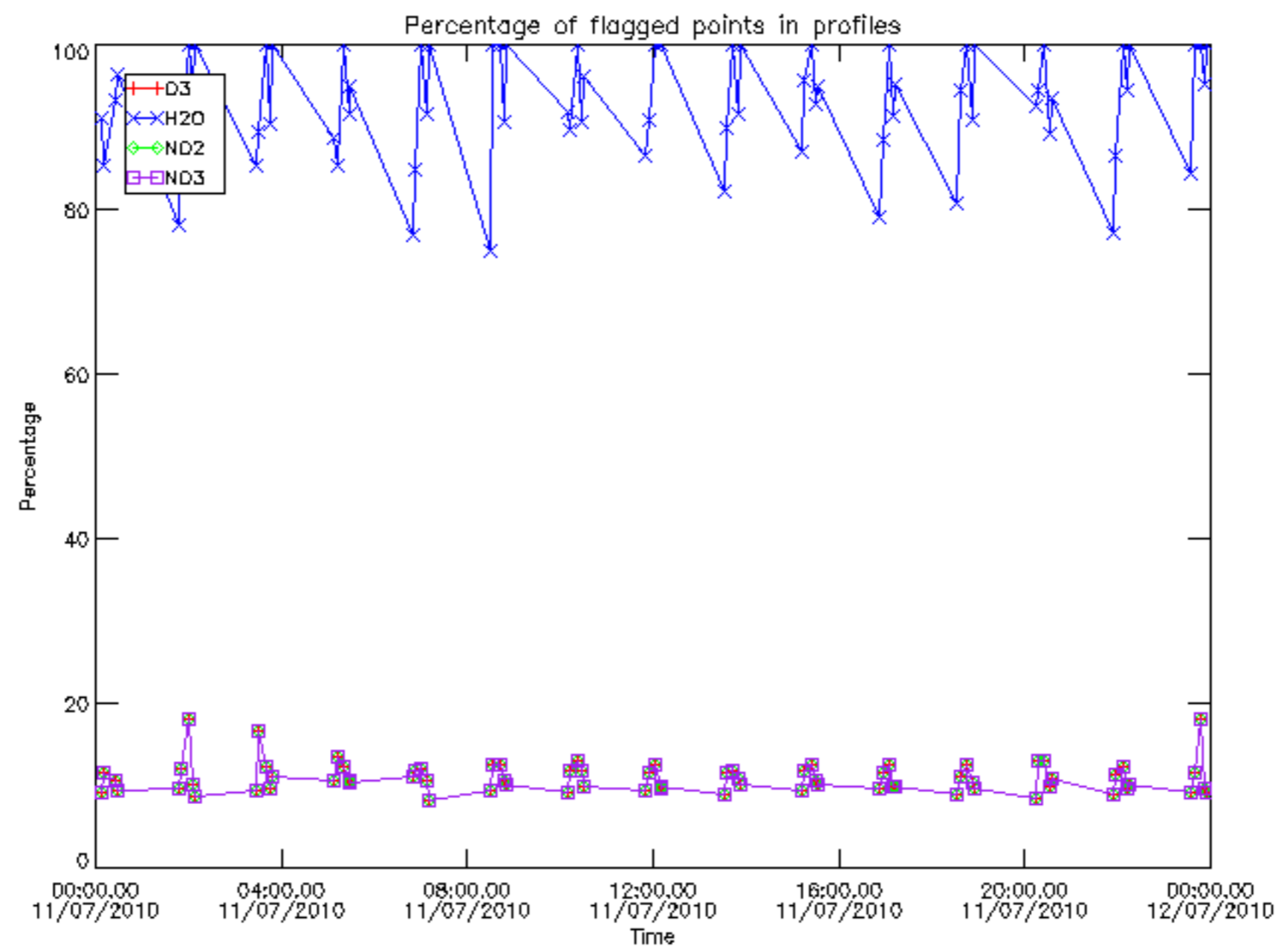
The colorbar represents the latitude.



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

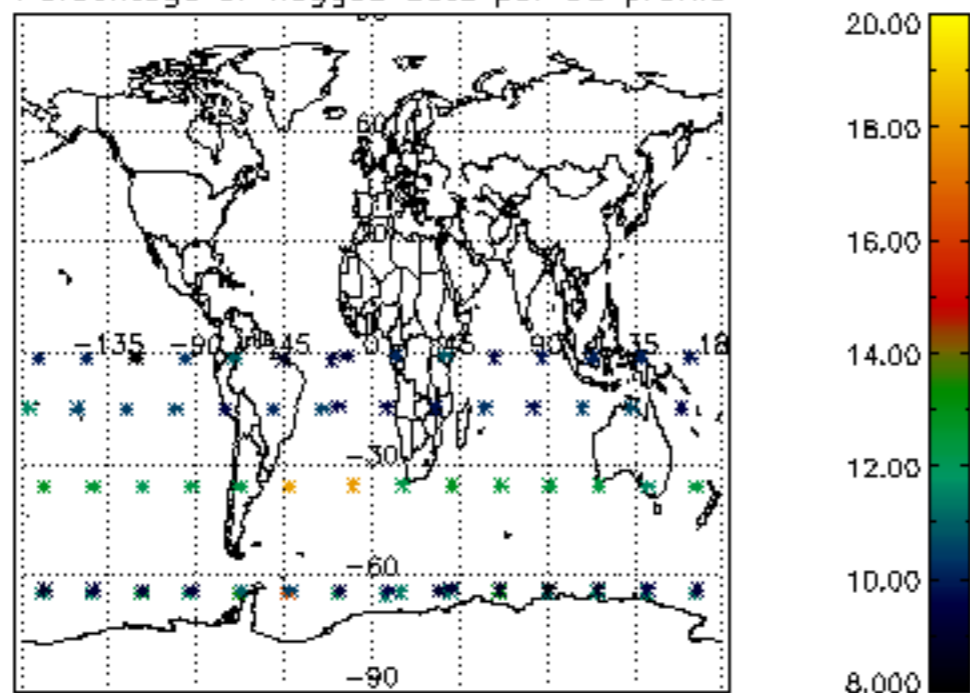
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	11-JUL-2010 00:06:35
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-JUL-2010 00:06:35
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-JUL-2010 00:06:35

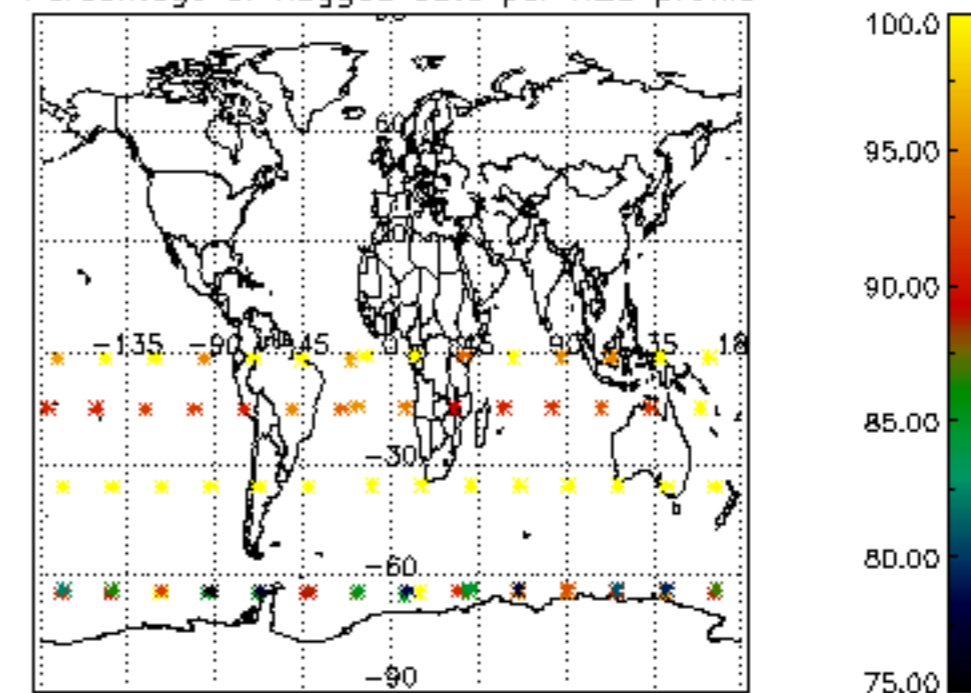




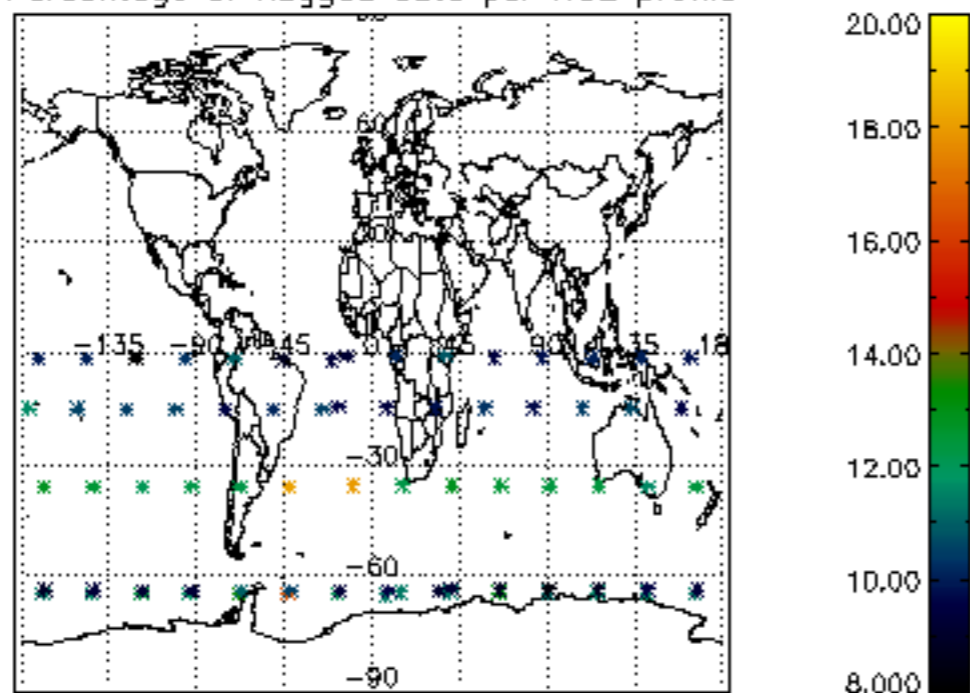
Percentage of flagged data per D3 profile



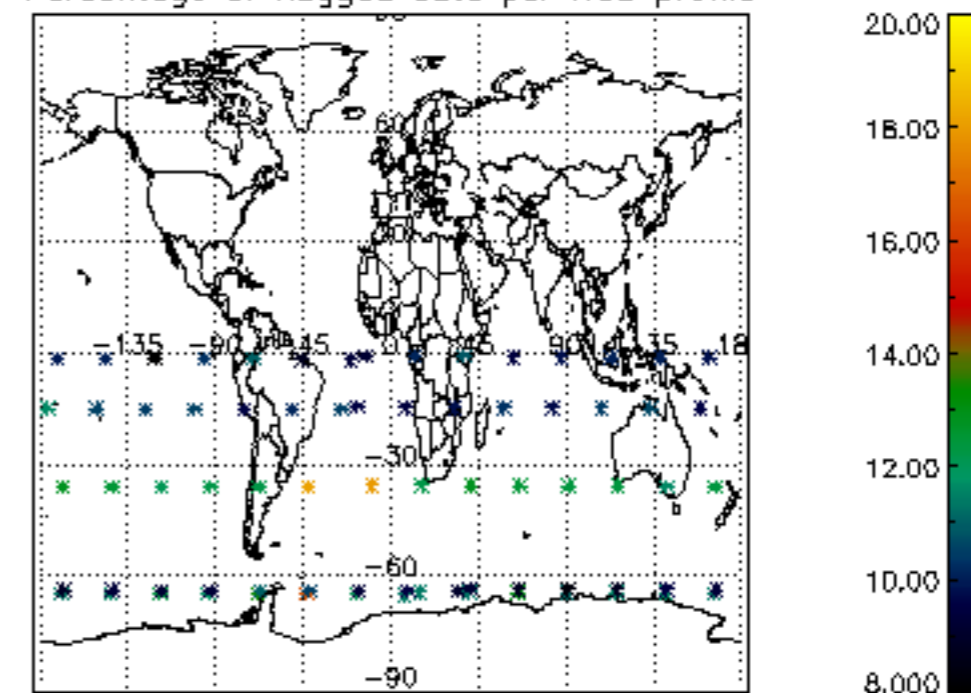
Percentage of flagged data per H2O profile

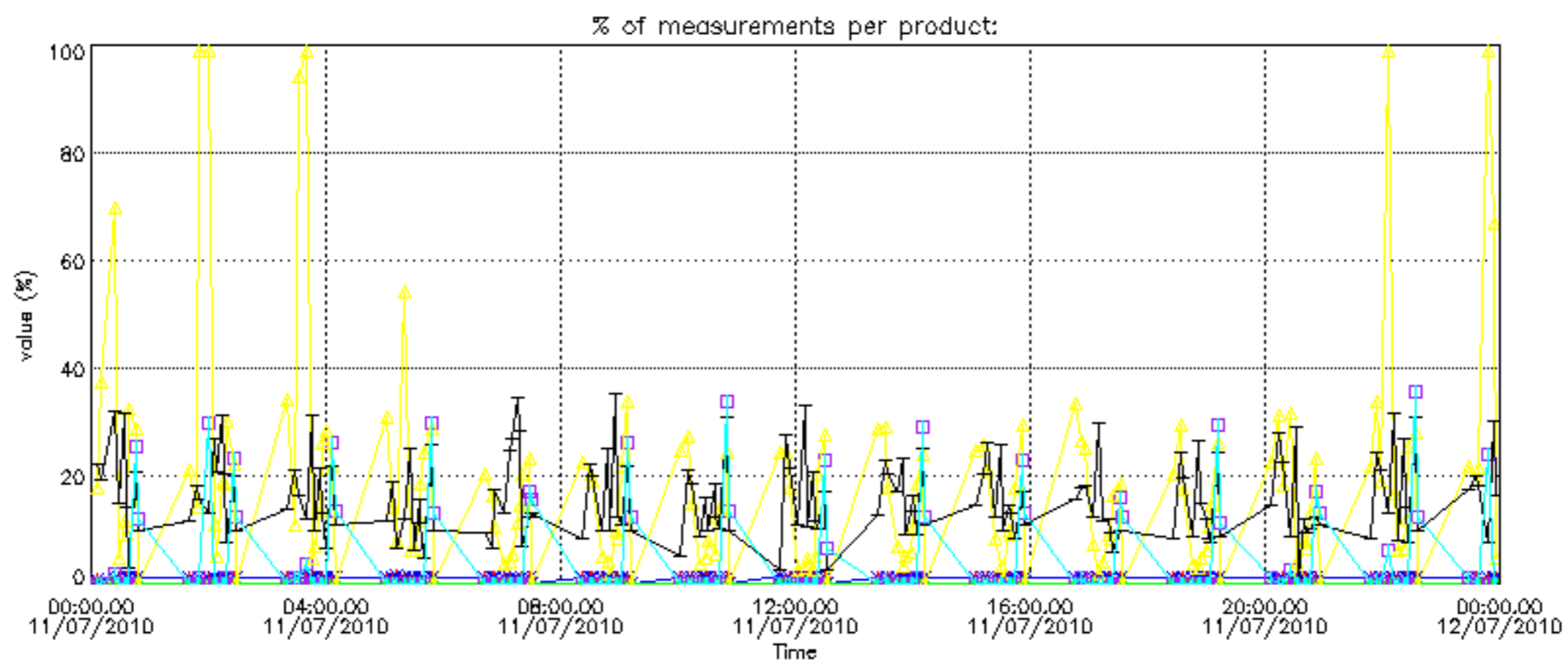


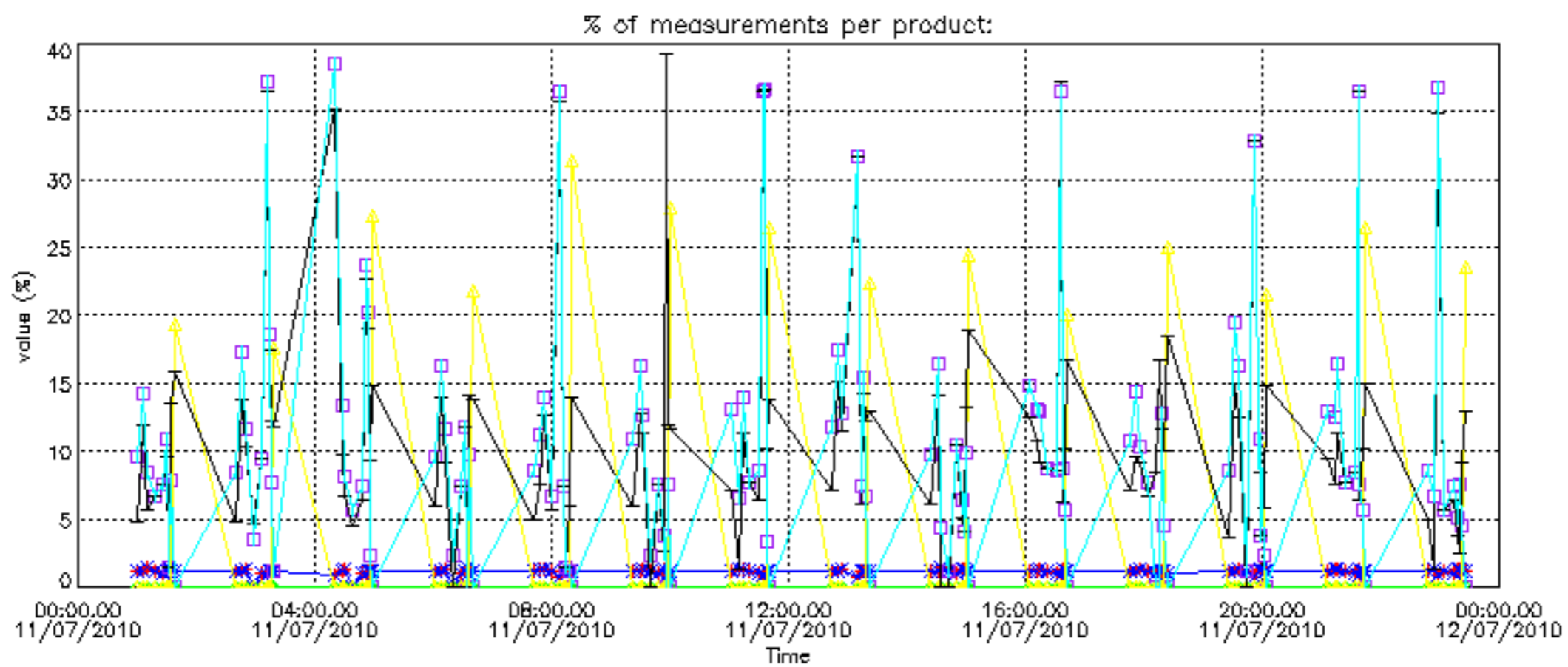
Percentage of flagged data per NO2 profile



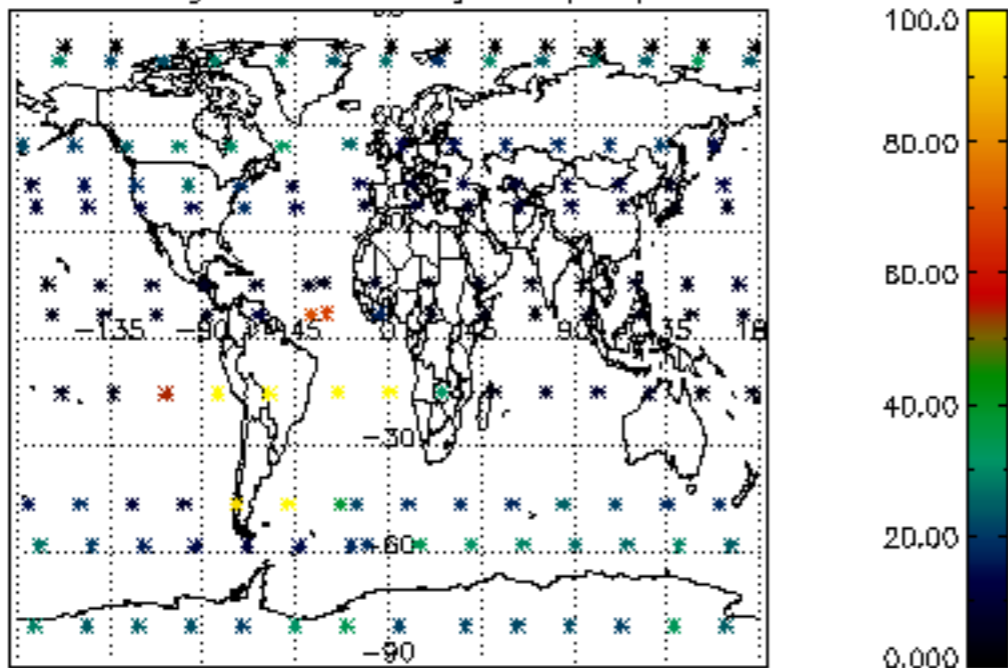
Percentage of flagged data per NO3 profile



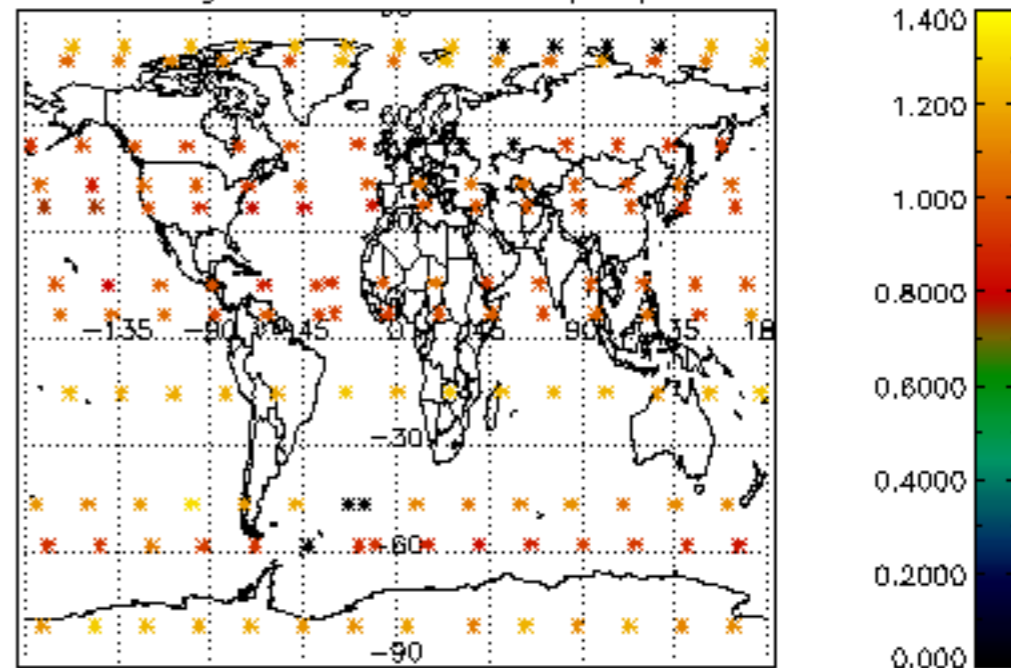




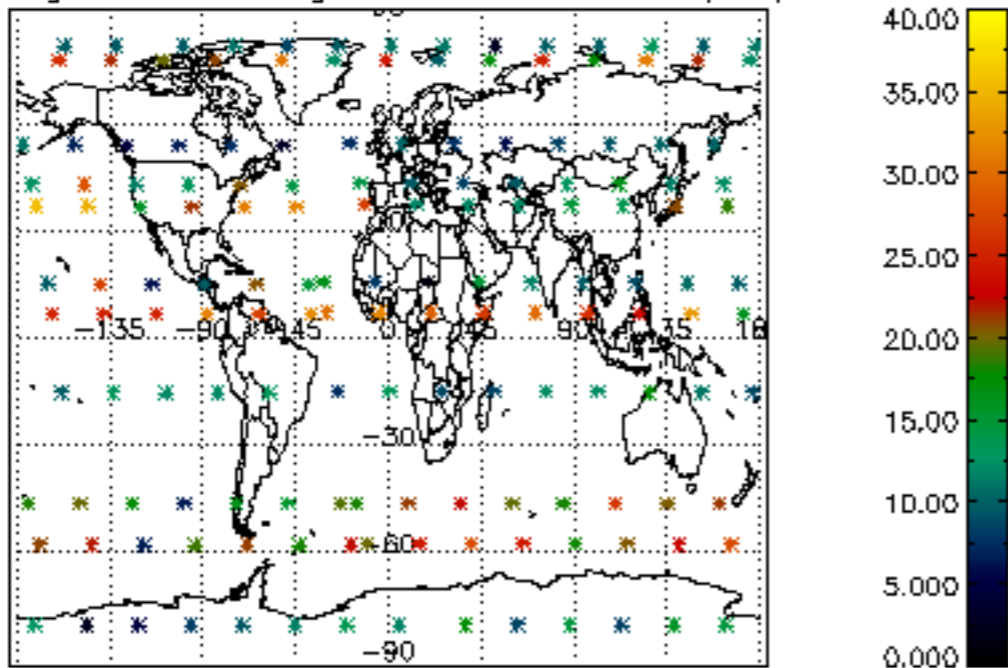
Percentage of cosmic ray hits per profile



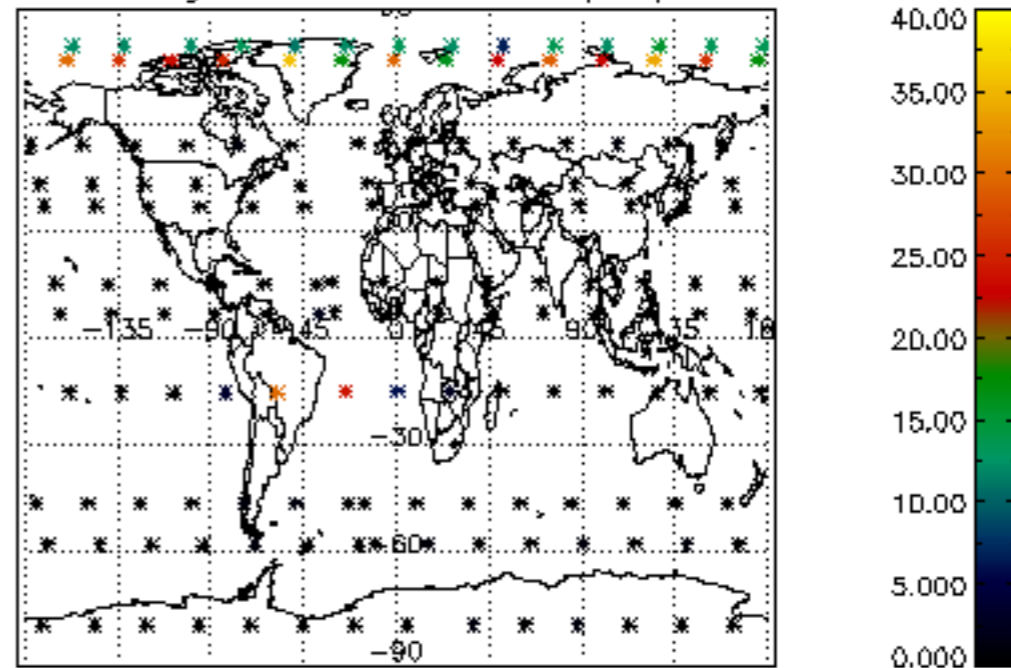
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

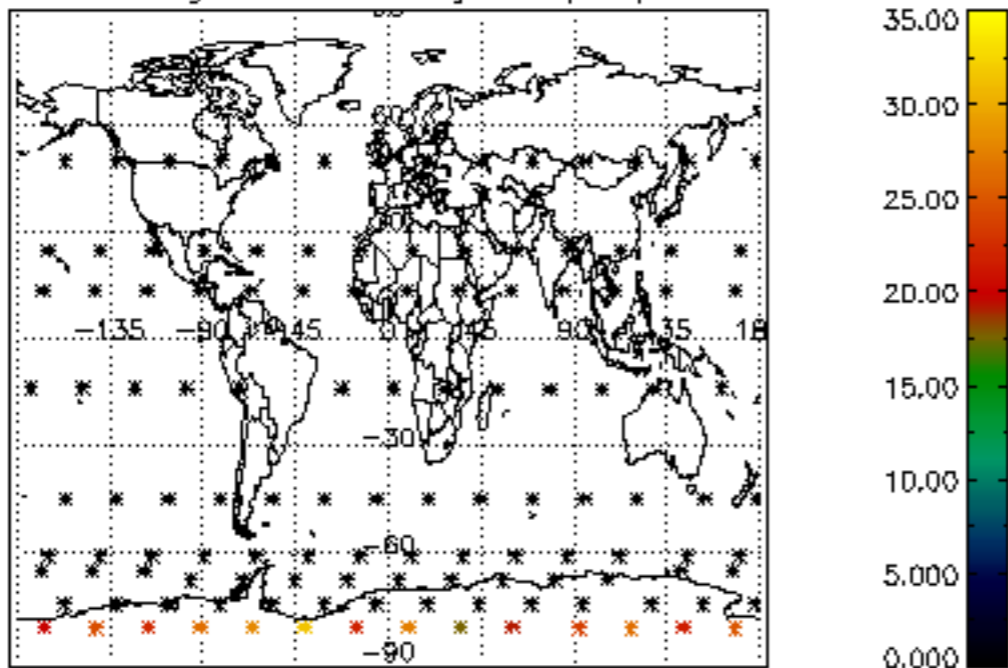


Percentage of saturation errors per profile

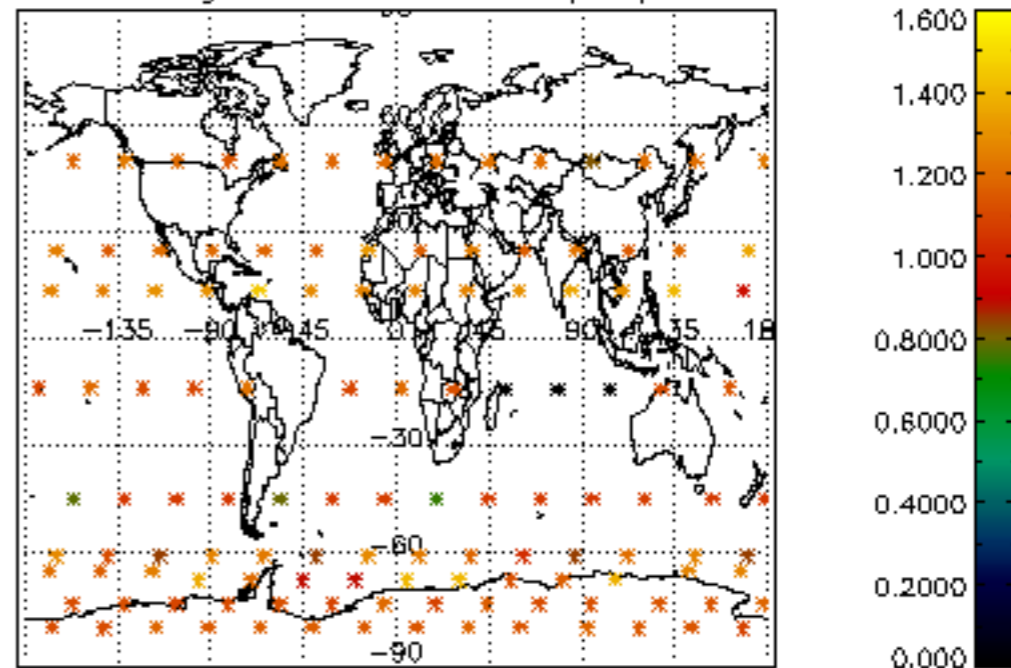




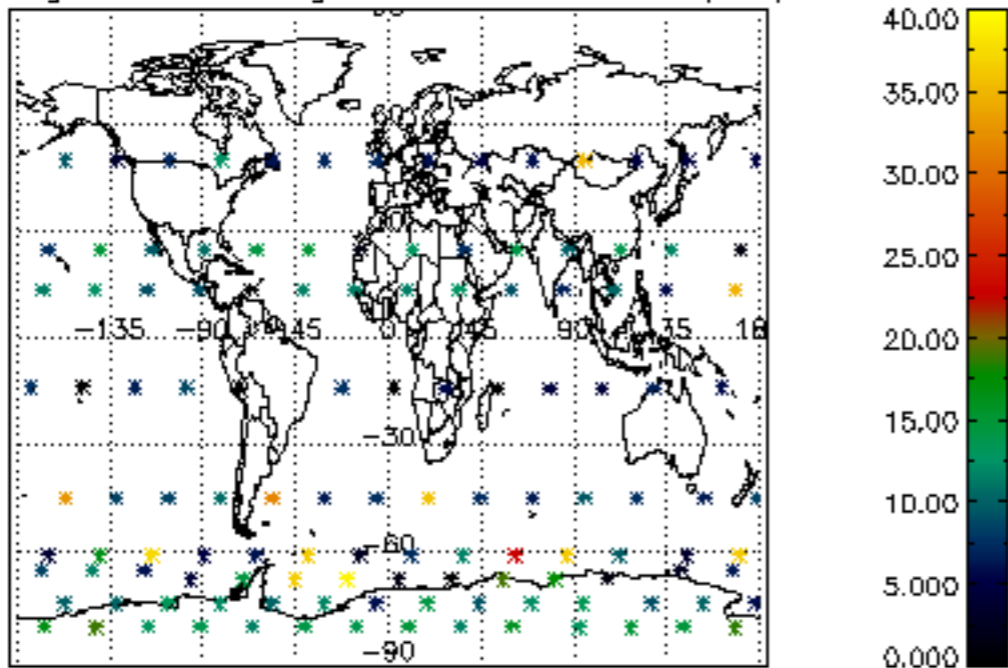
Percentage of cosmic ray hits per profile



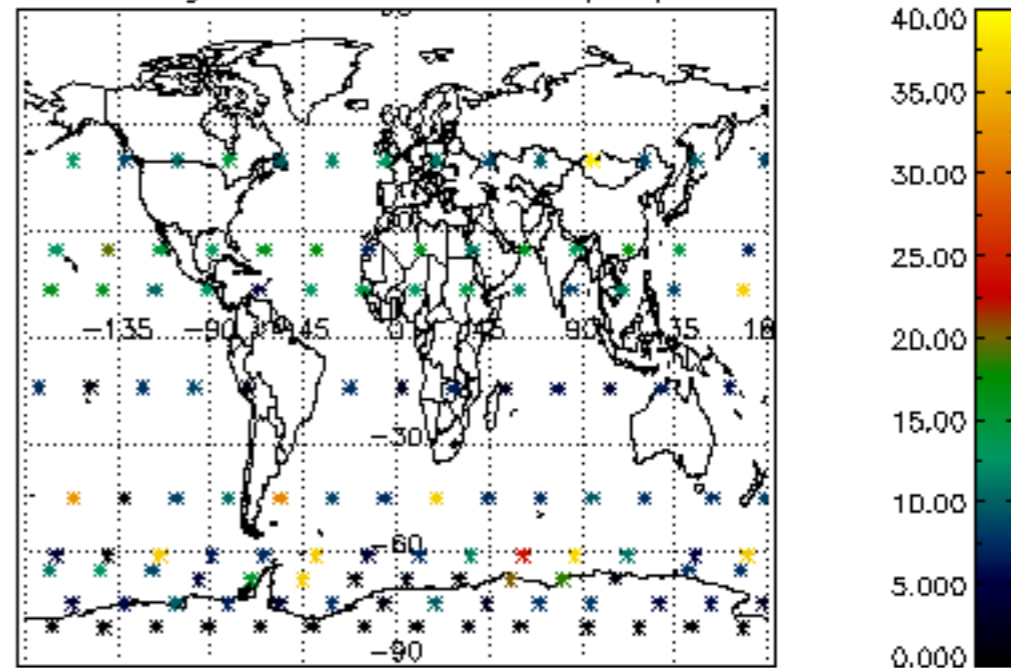
Percentage of datation errors per profile

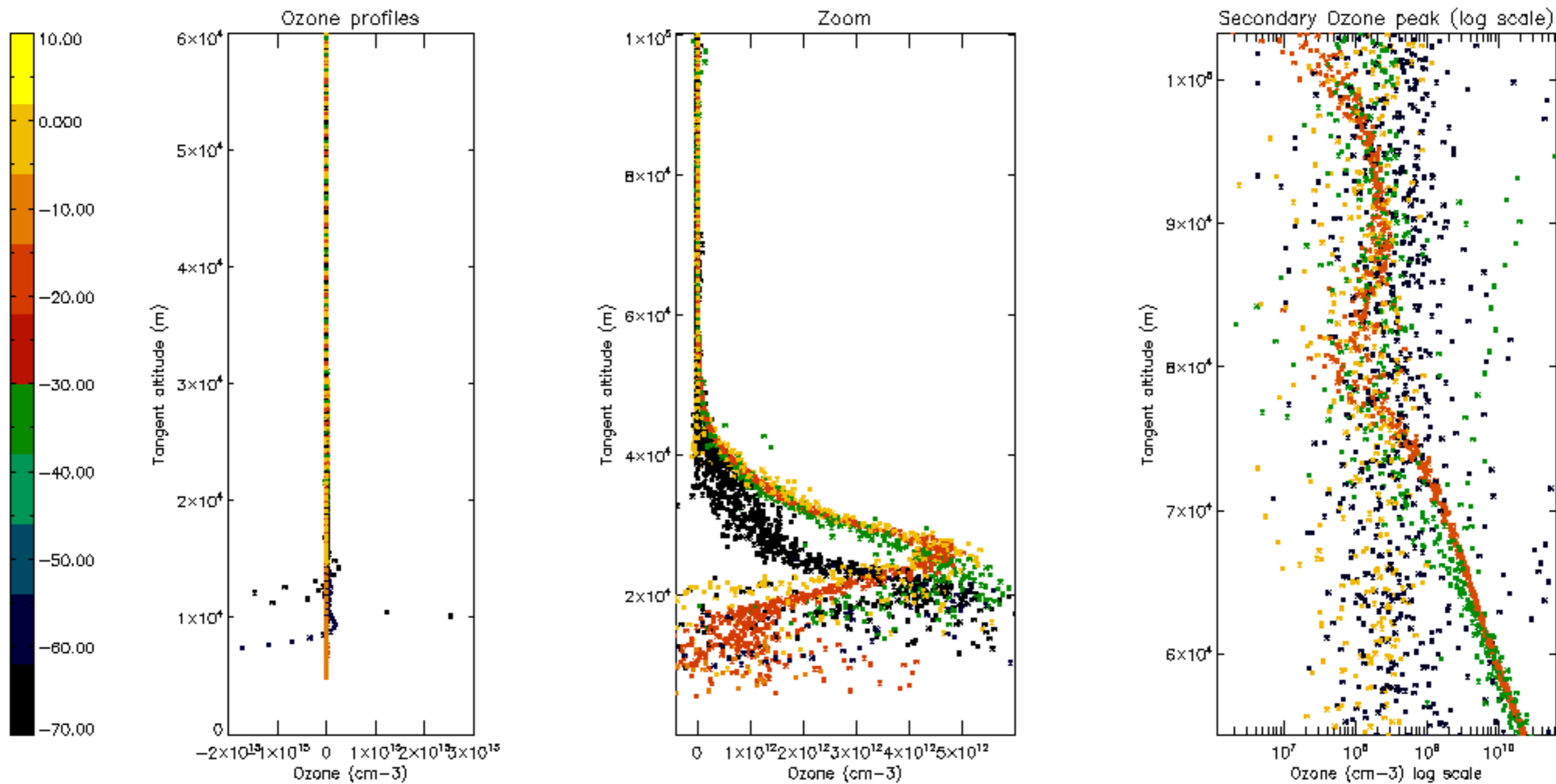


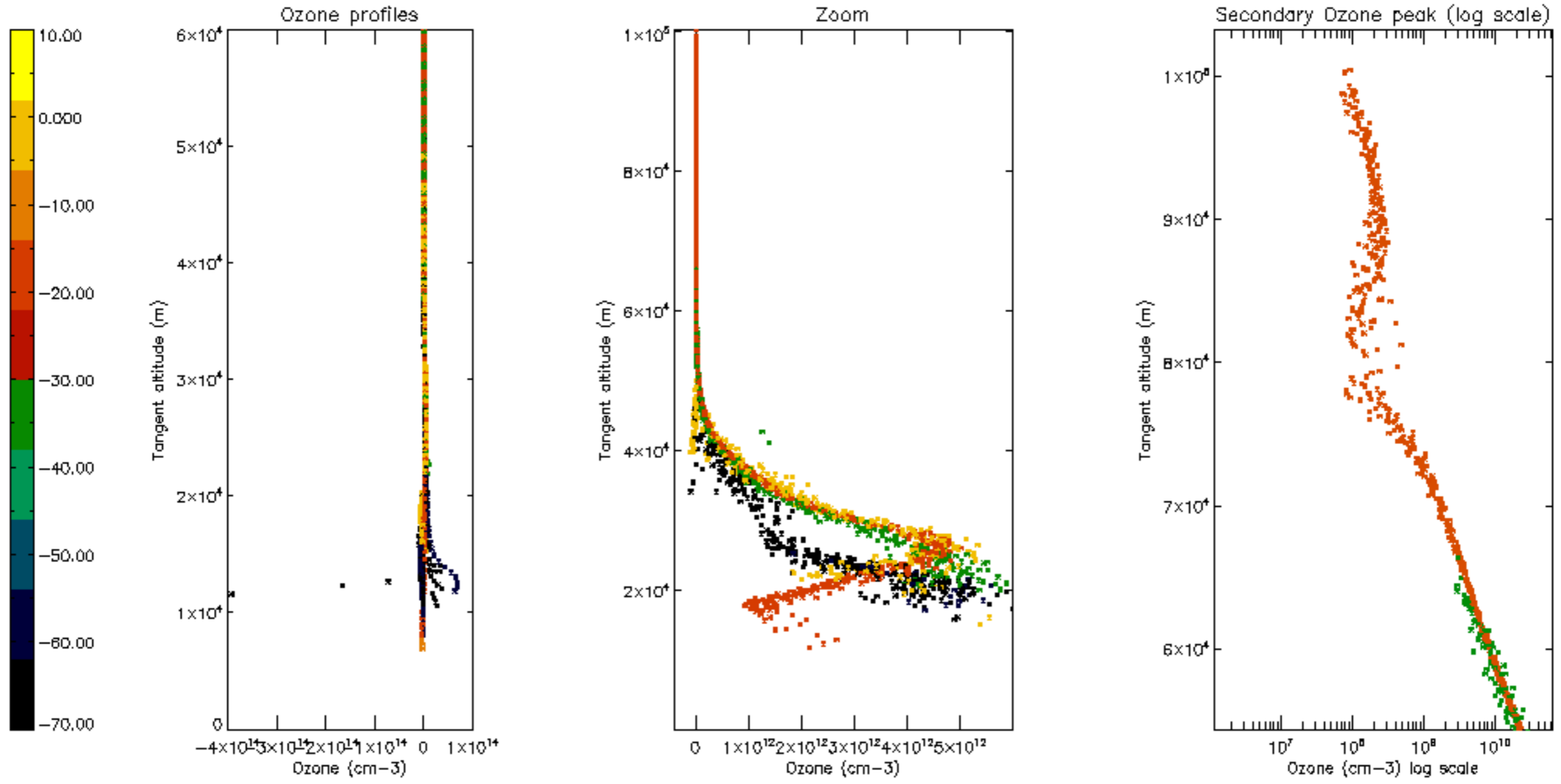
Percentage of star falling outside central band per profile

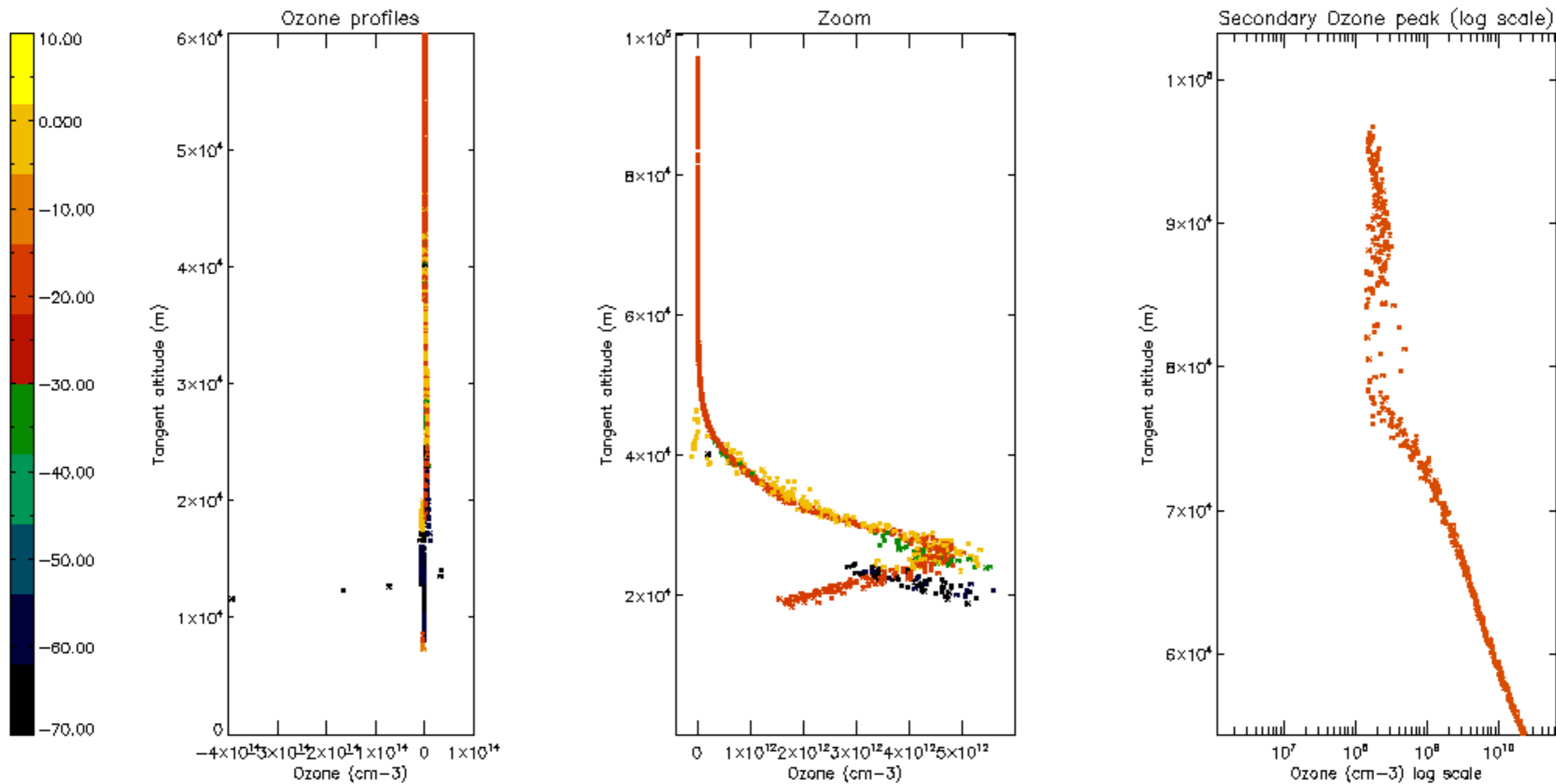


Percentage of saturation errors per profile

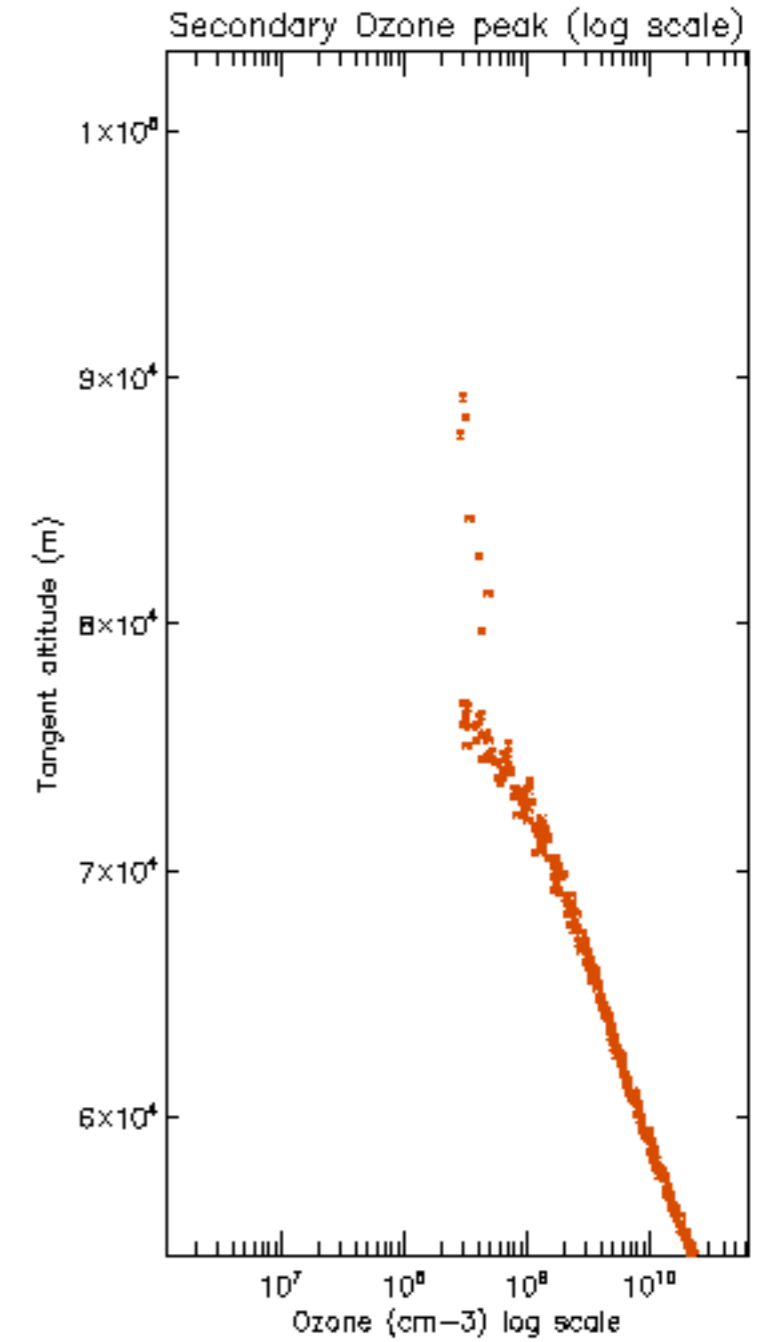
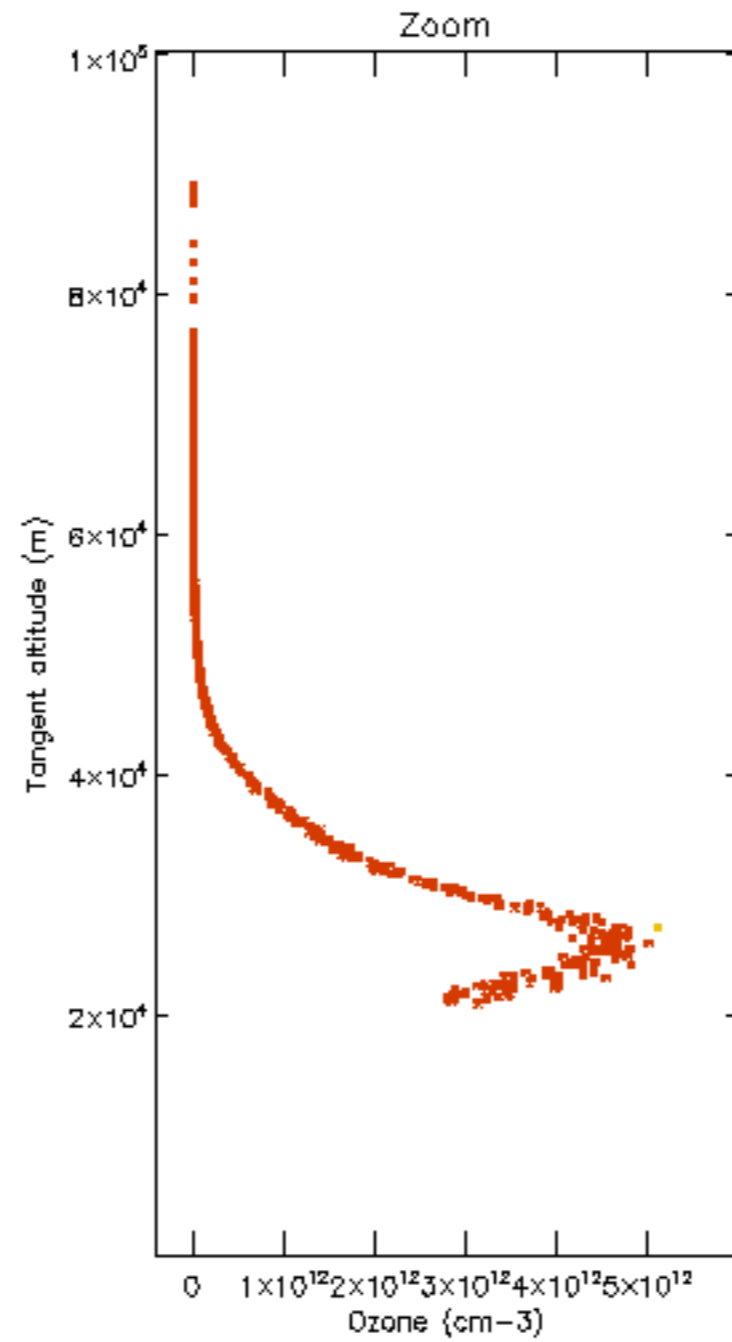
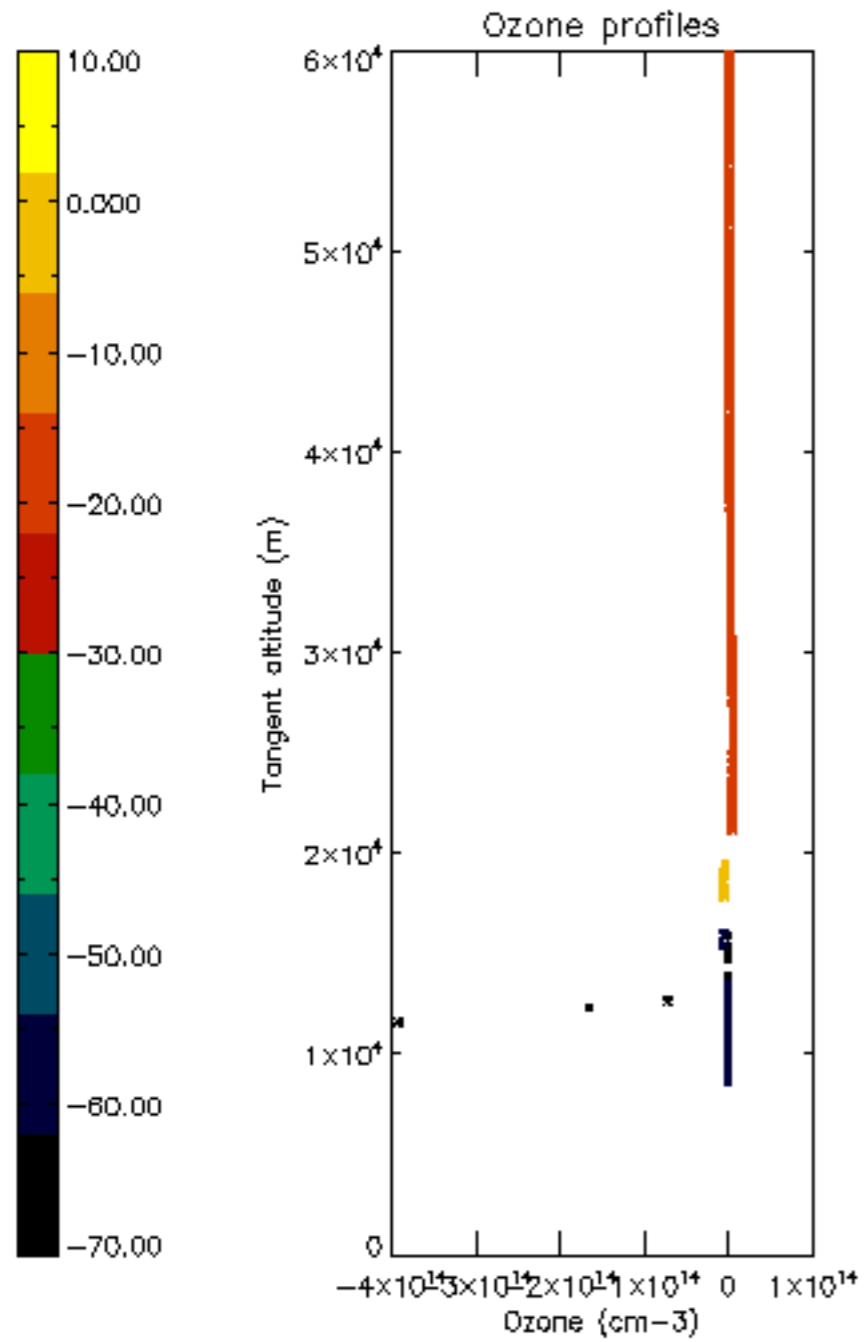


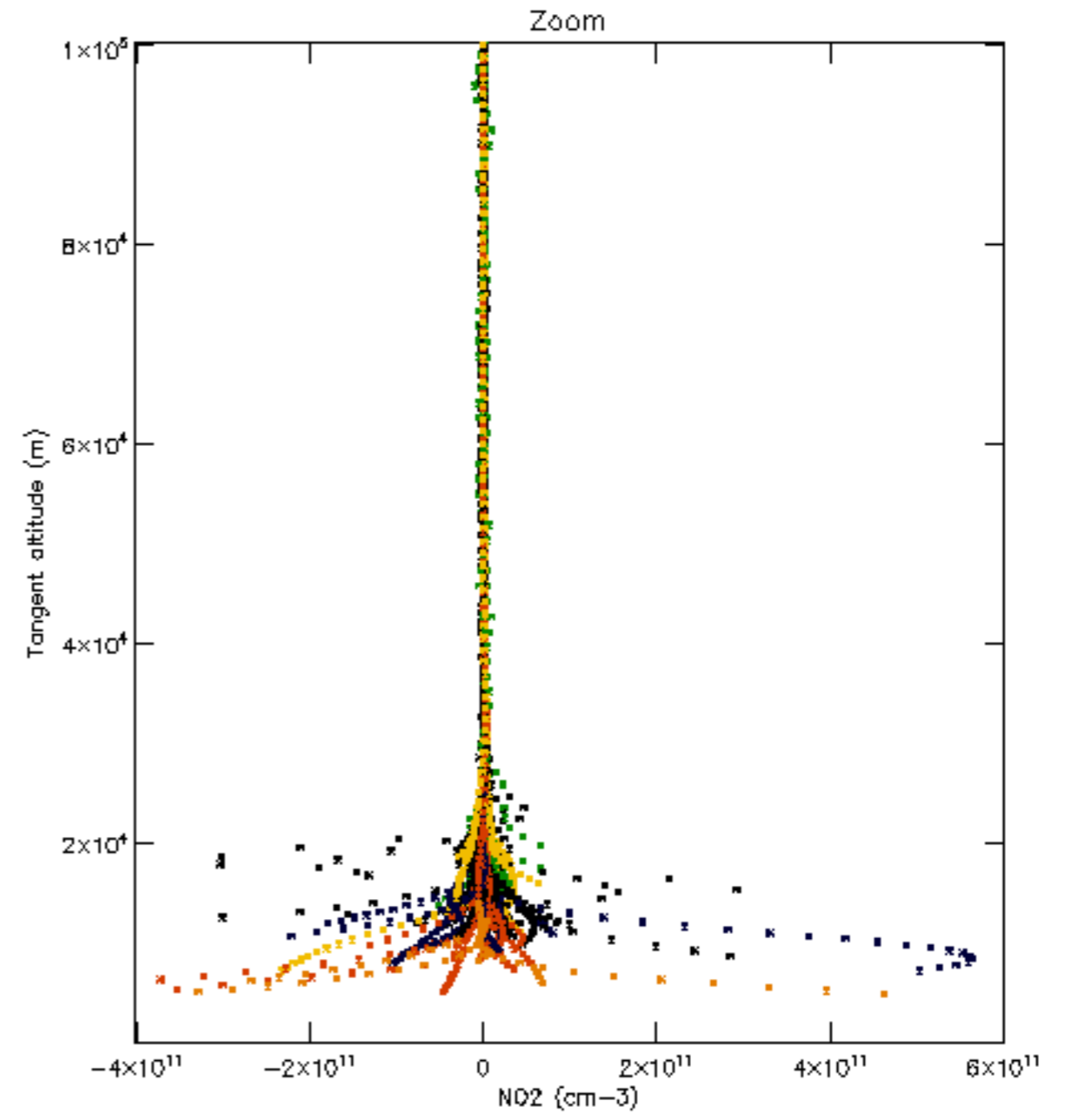
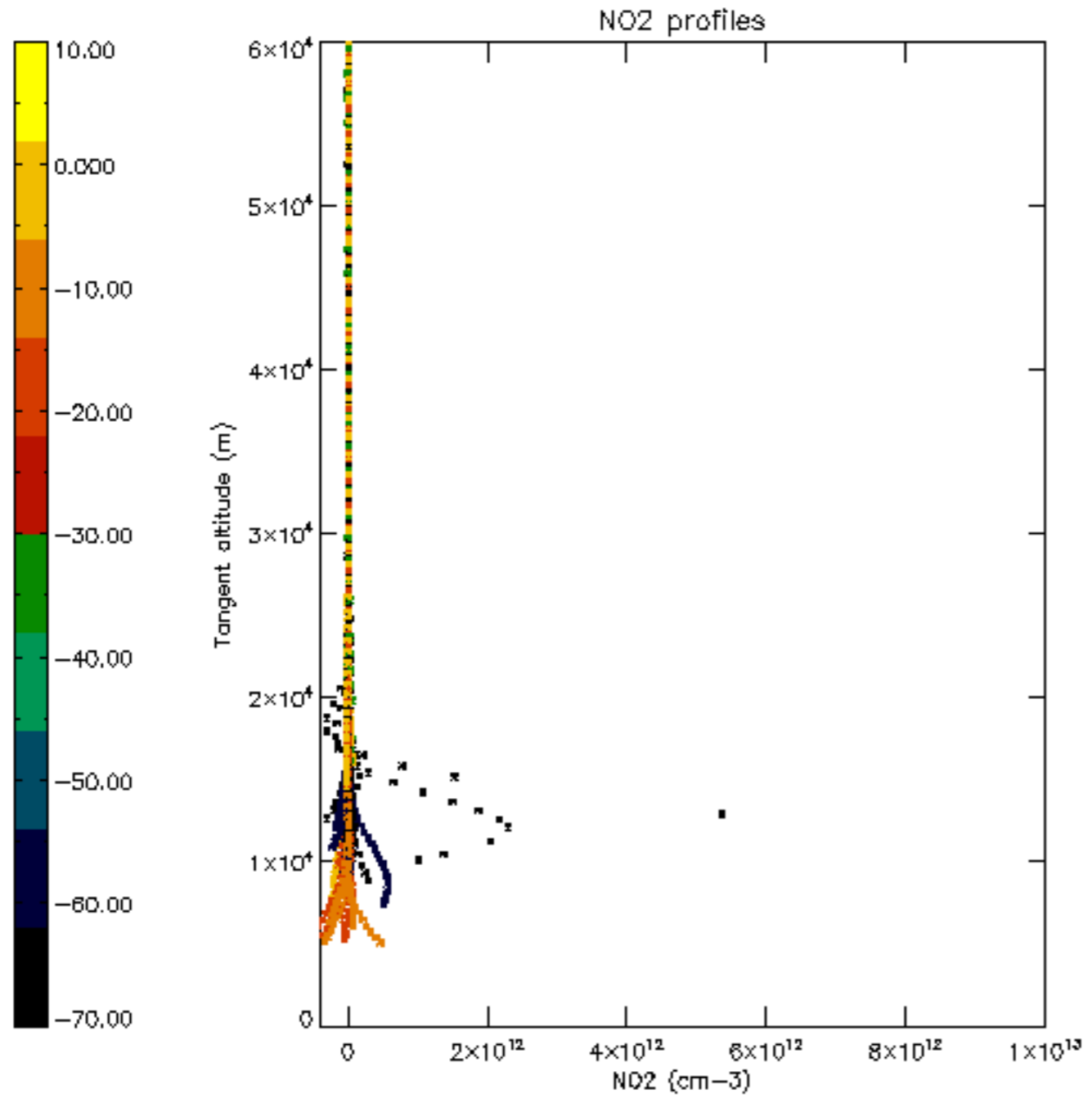


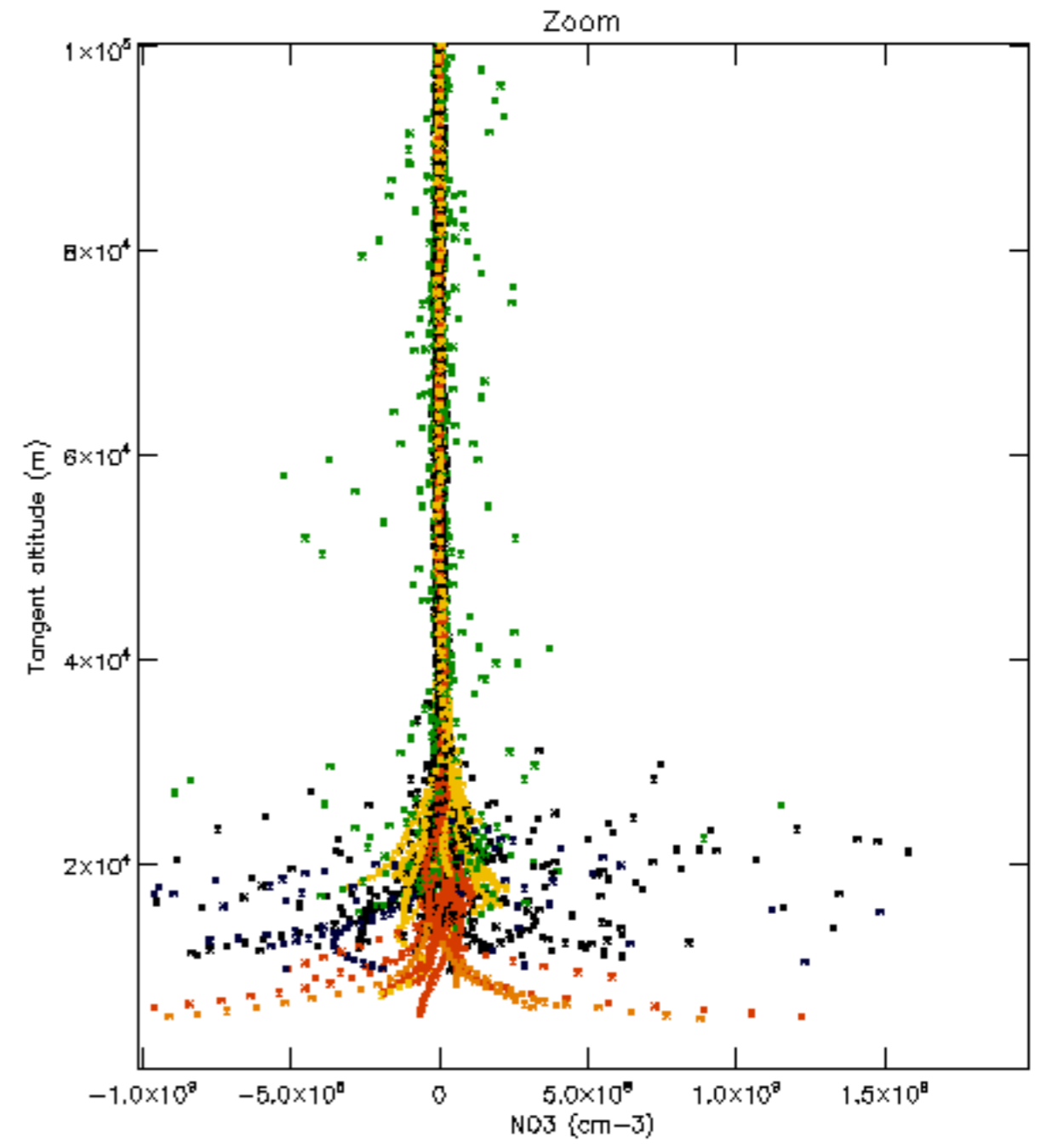
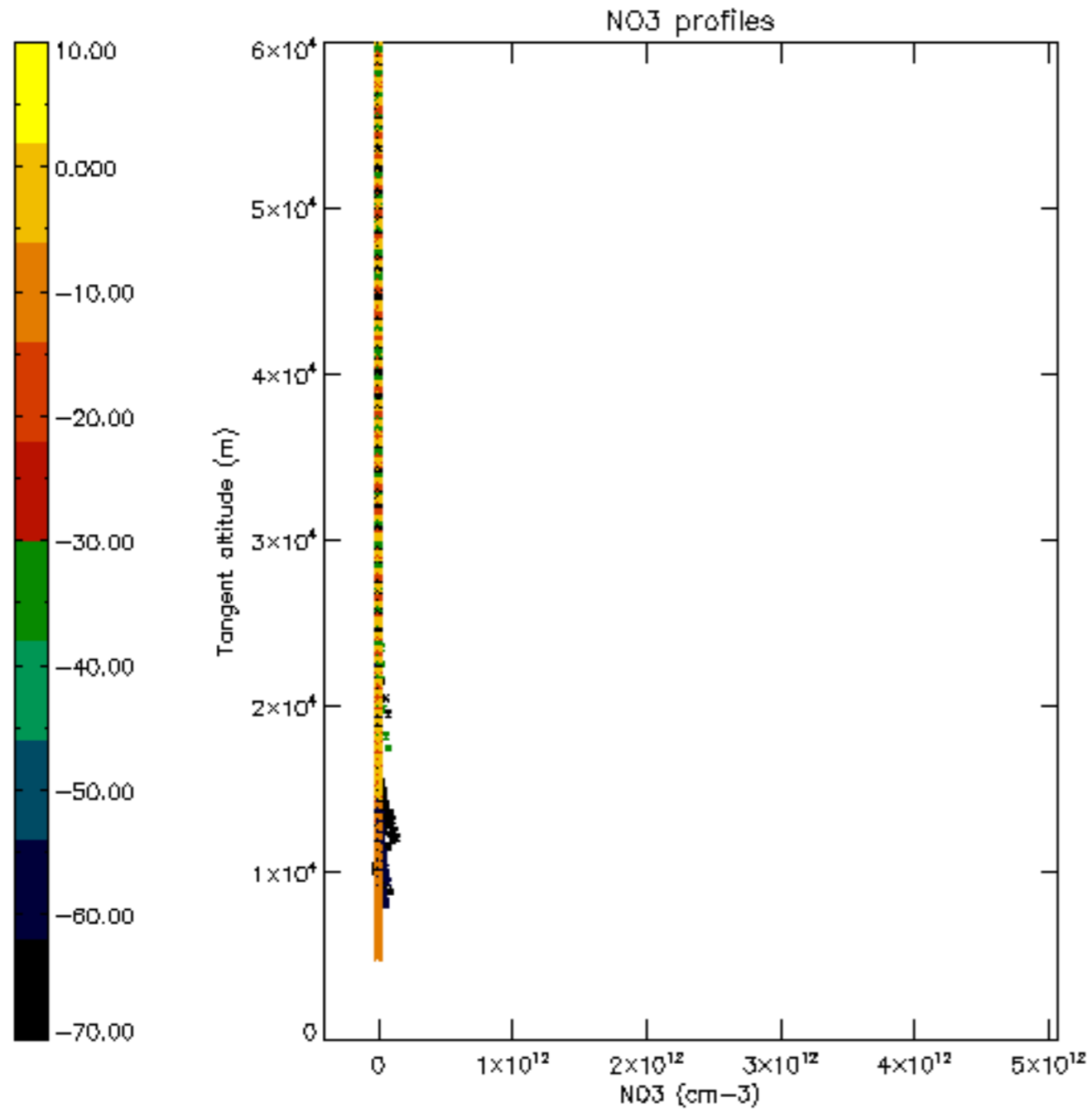


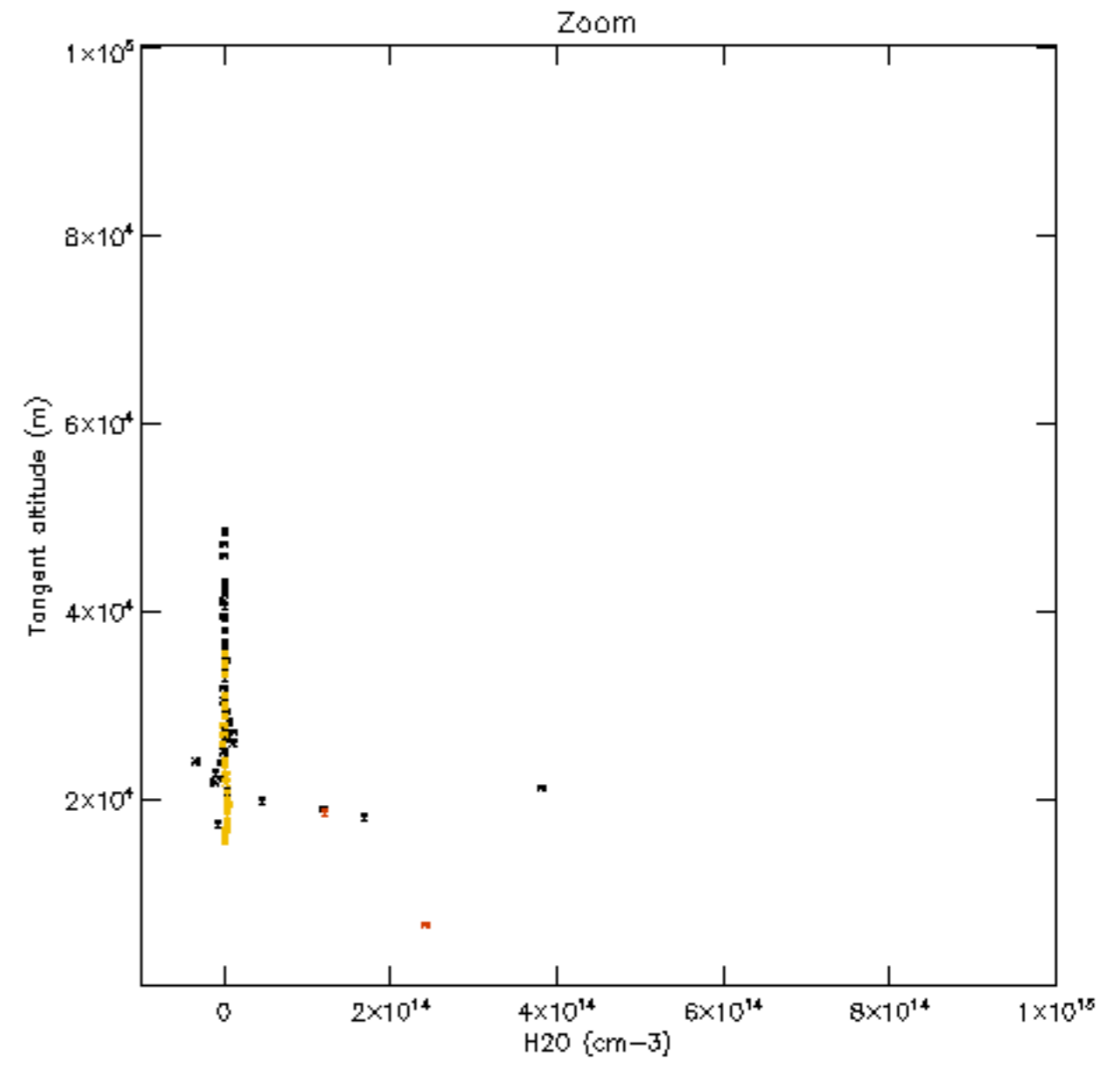
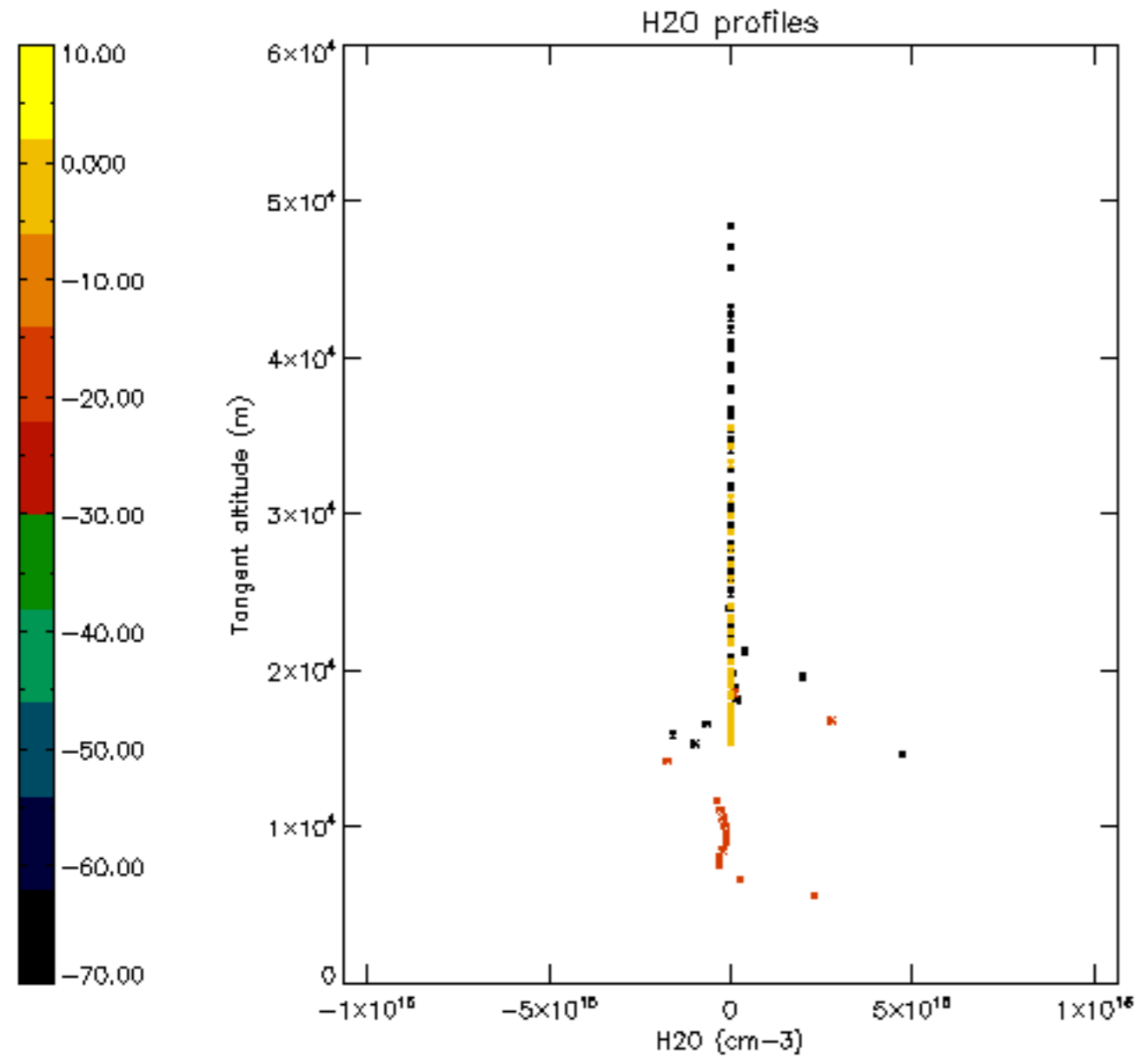




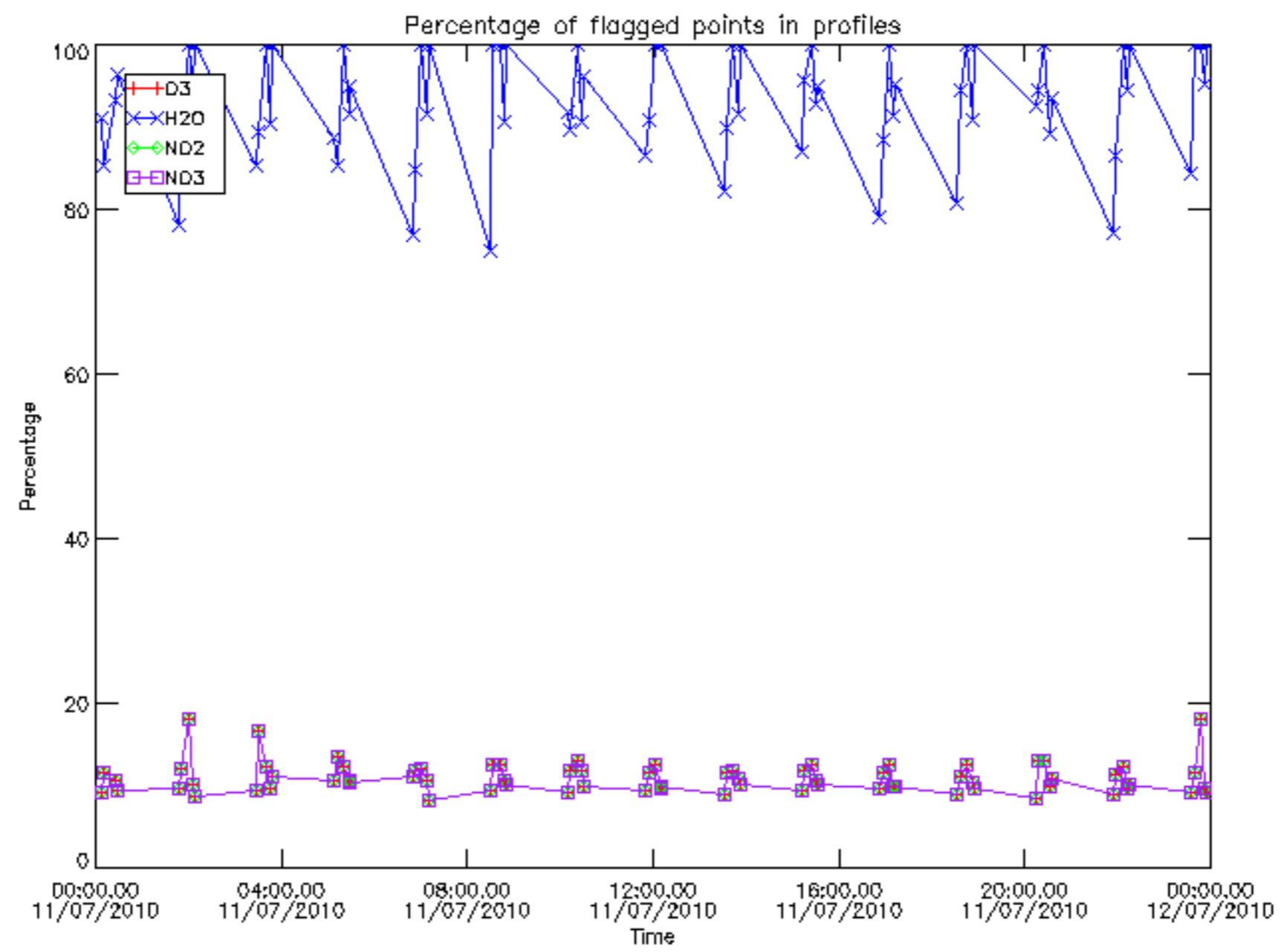




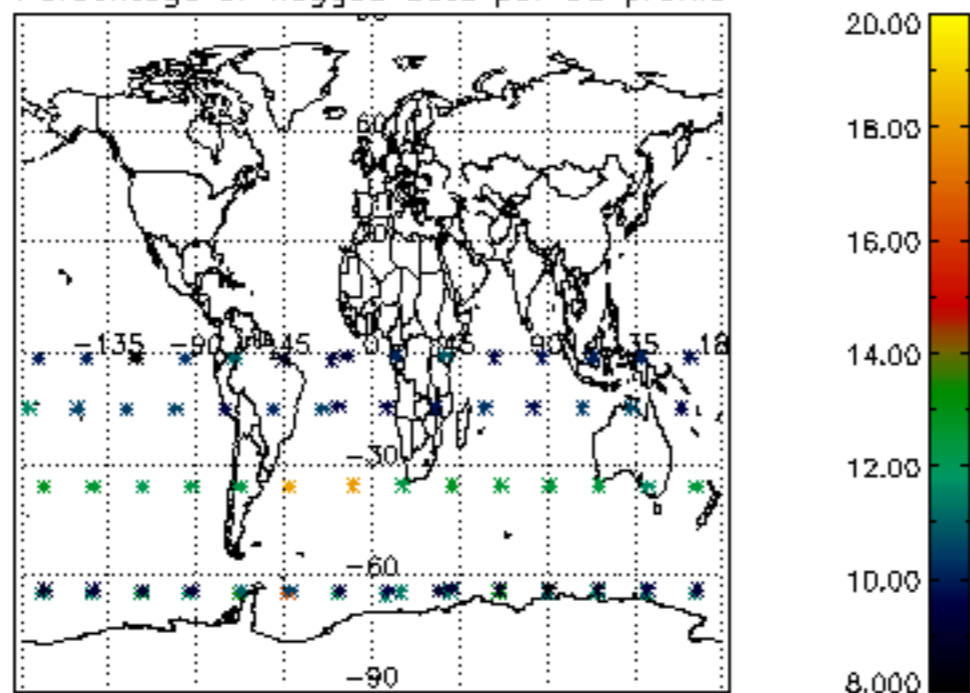




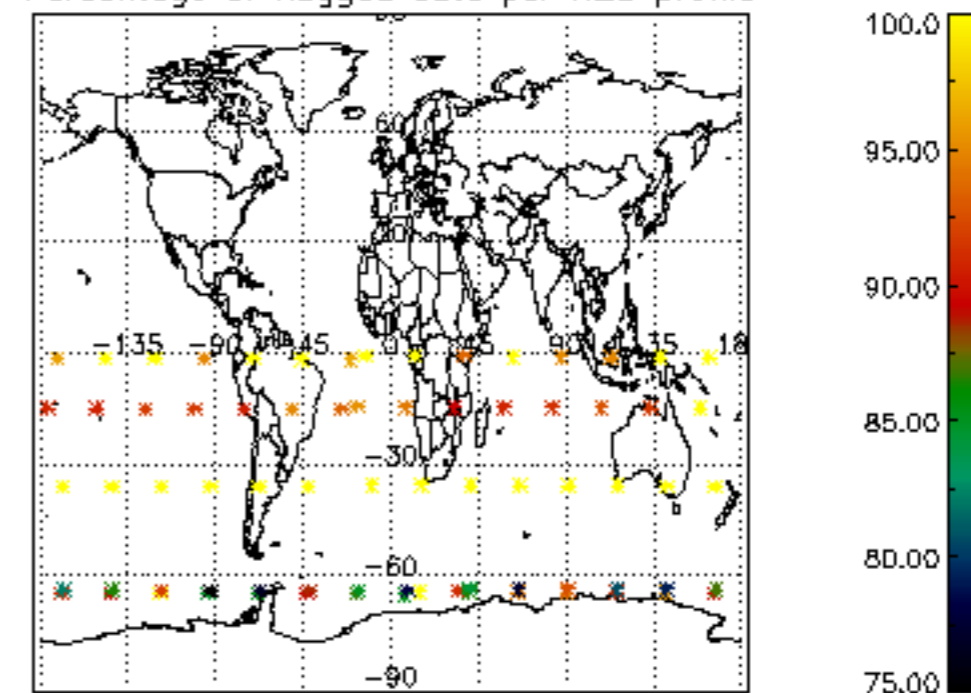




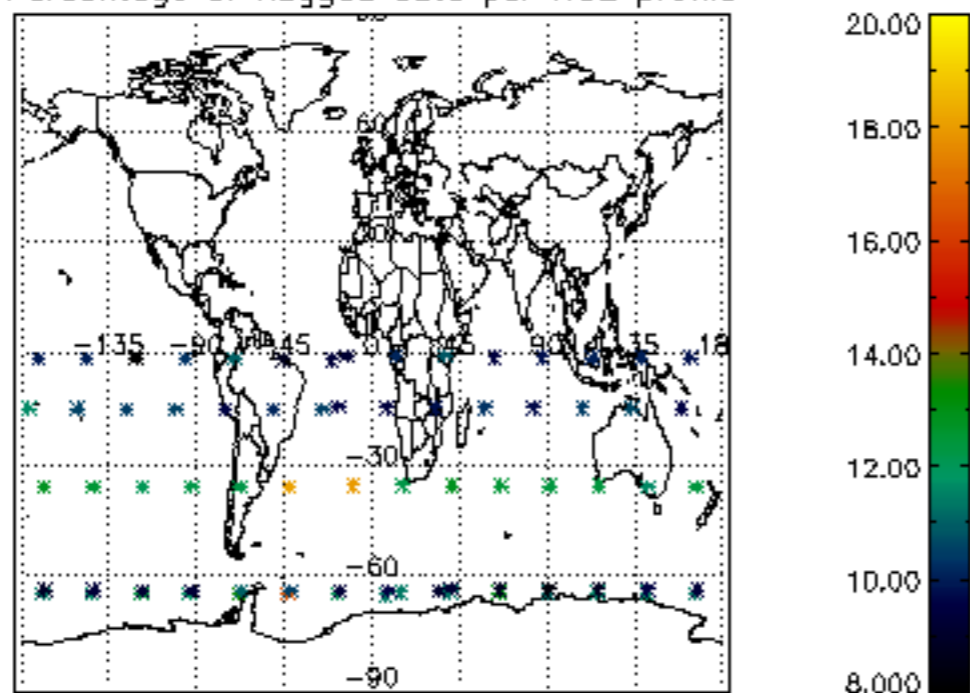
Percentage of flagged data per D3 profile



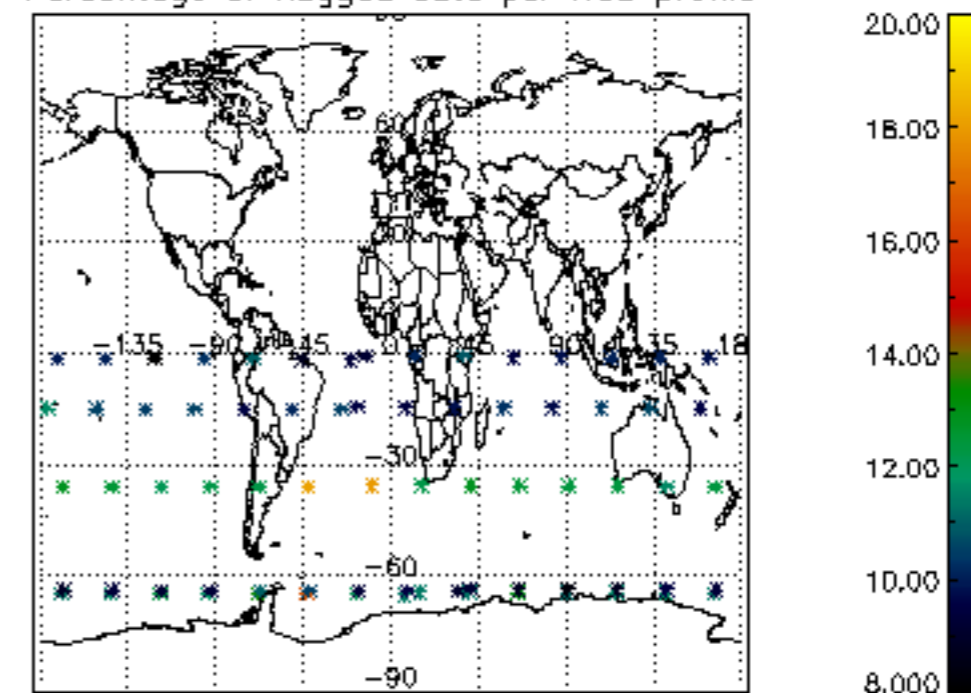
Percentage of flagged data per H2O profile

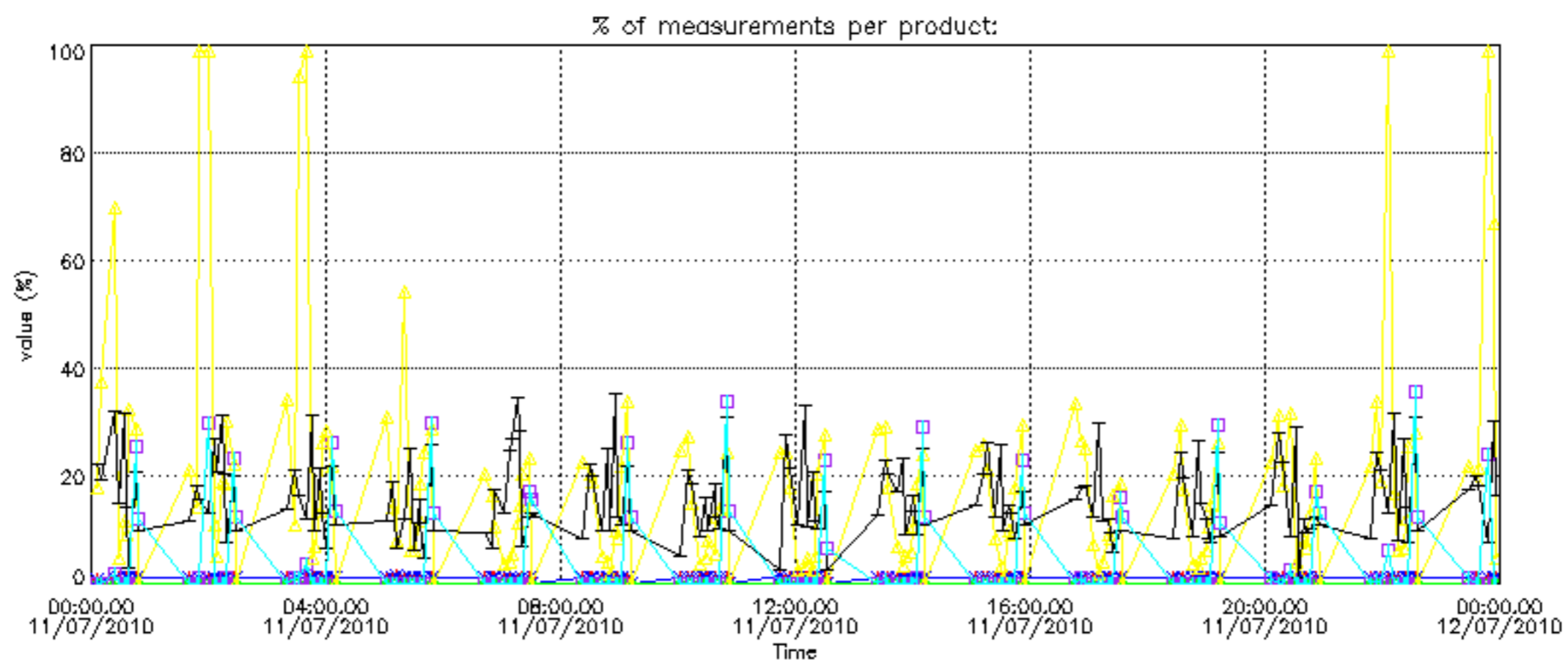
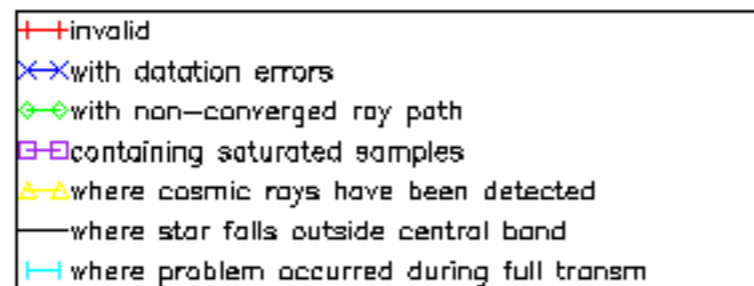


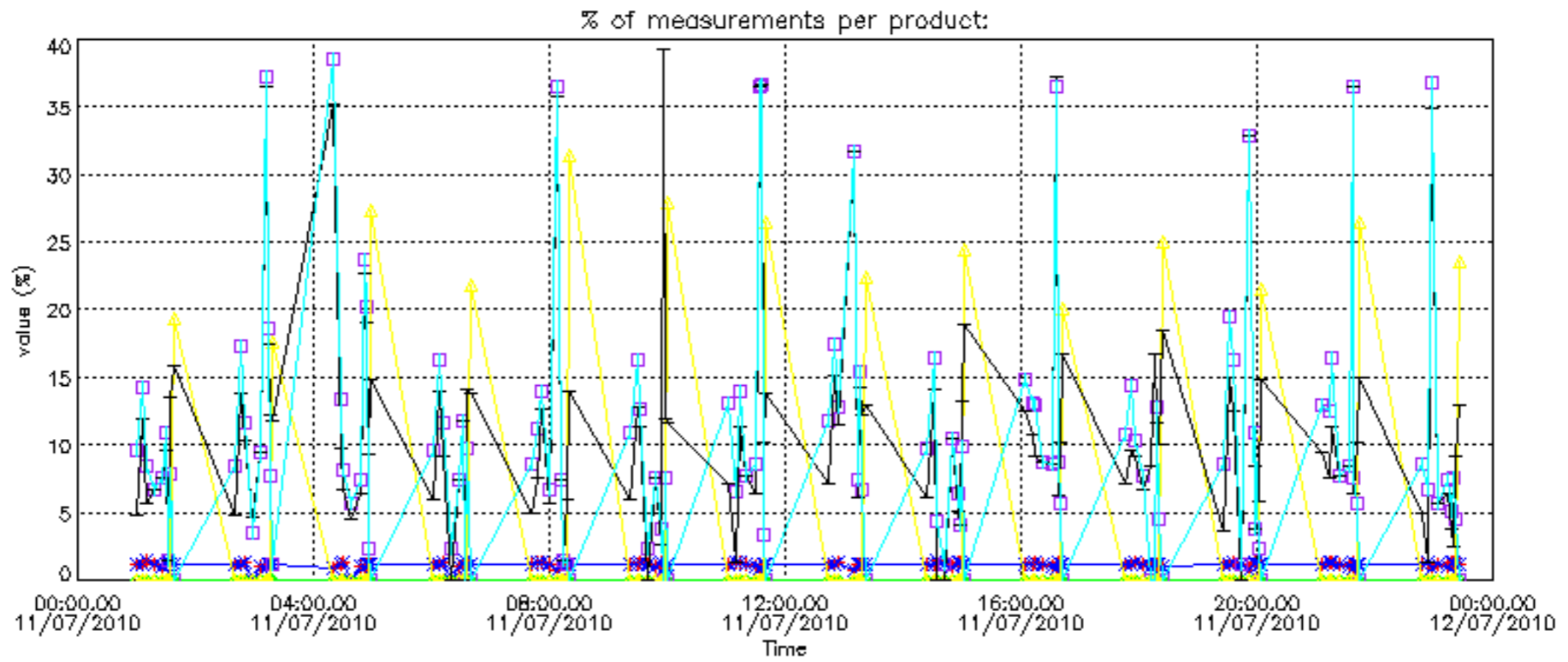
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

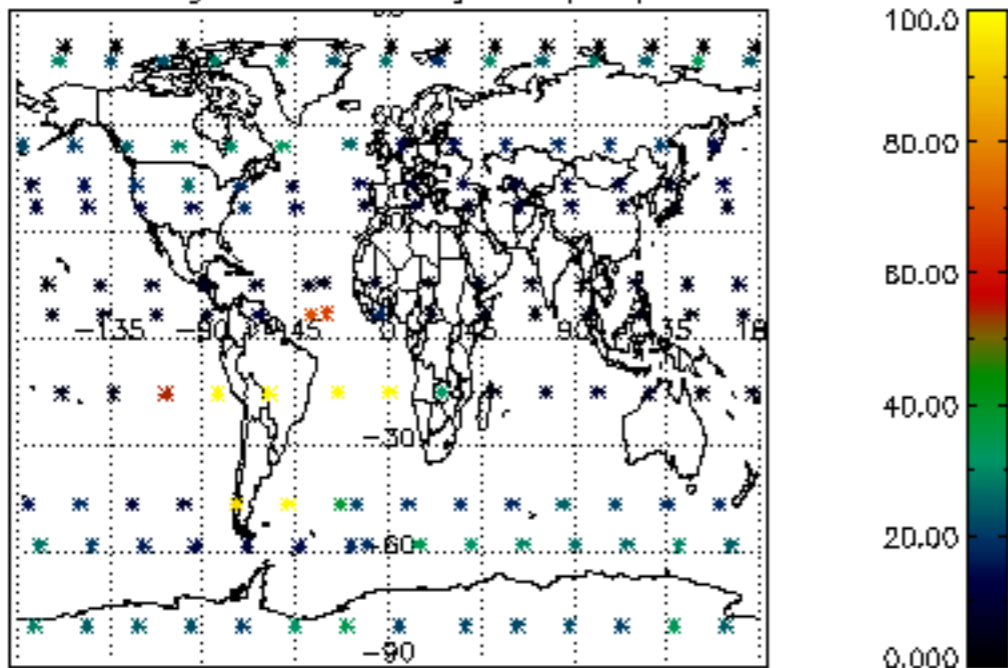




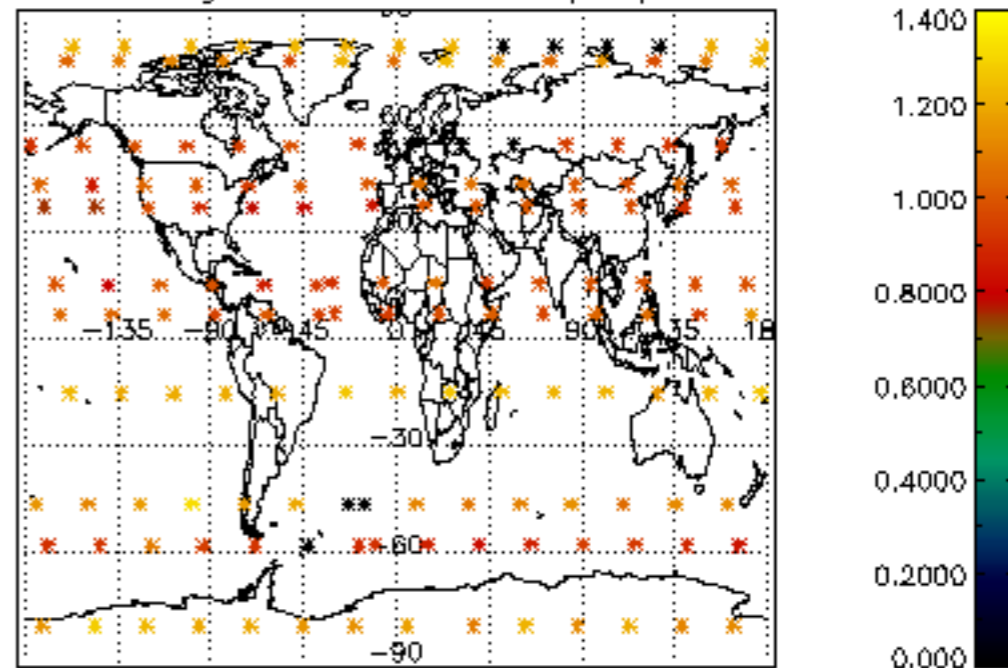




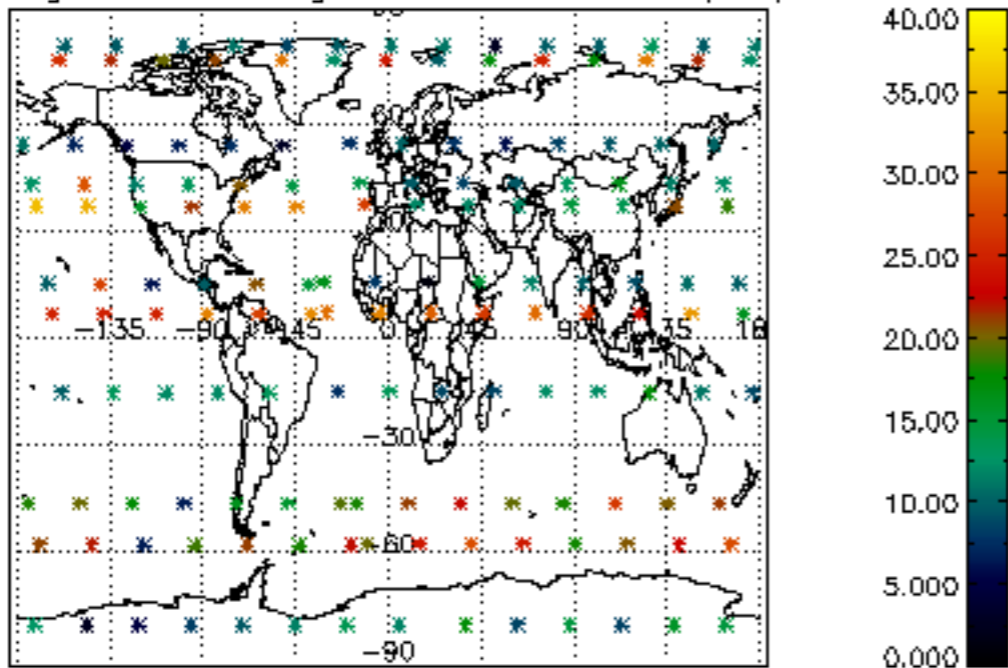
Percentage of cosmic ray hits per profile



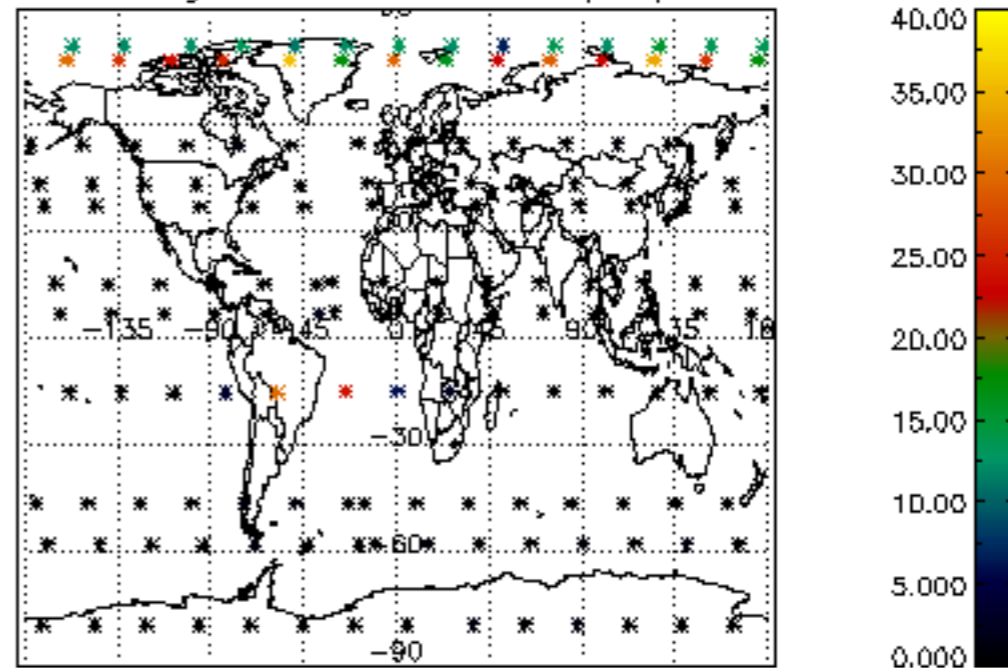
Percentage of datation errors per profile



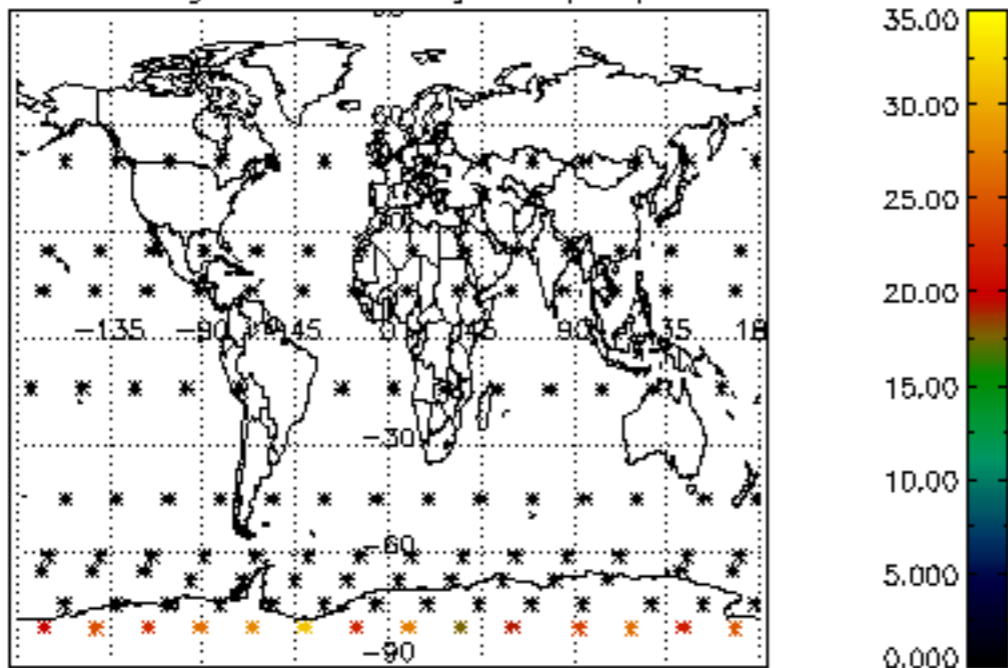
Percentage of star falling outside central band per profile



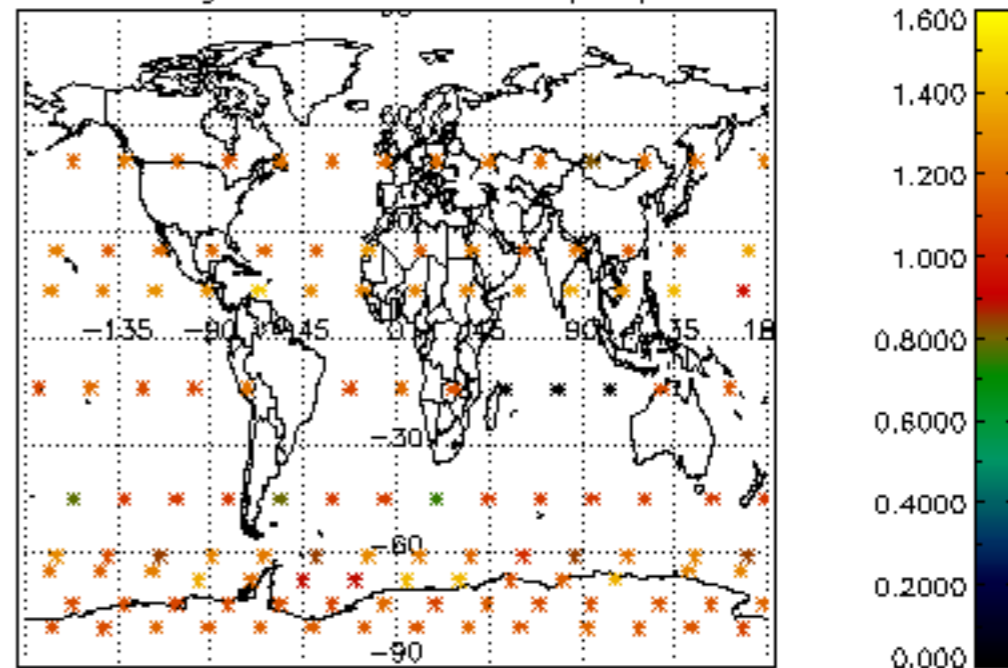
Percentage of saturation errors per profile



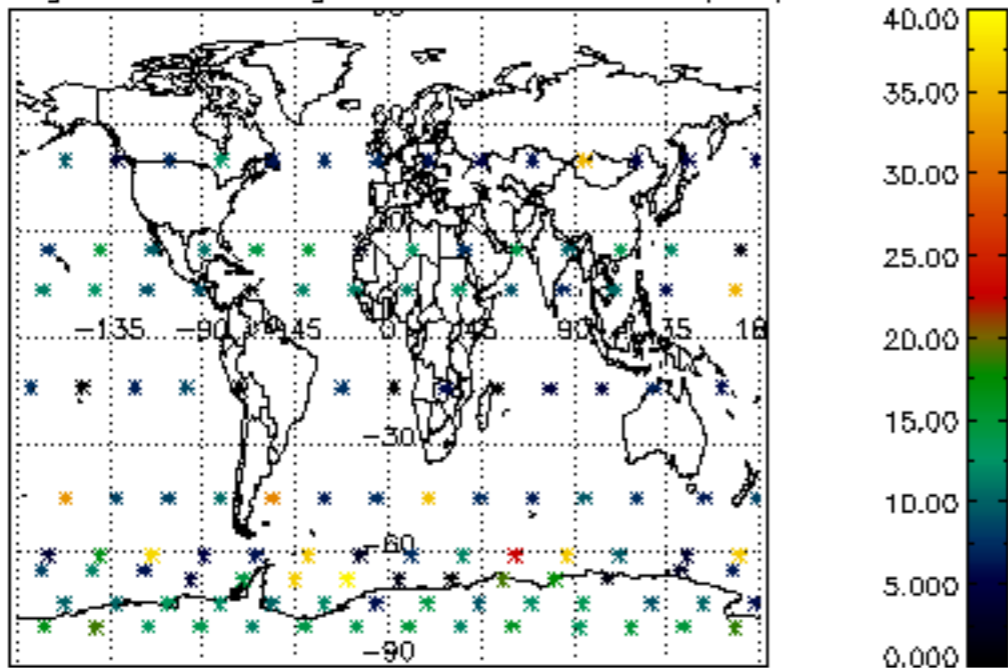
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

