

# 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 13:00:41
Data source version	GOMOS/6.01
Start time of products	14-07-2010 (14JUL2010 00:00:00)
Stop time of products	15-07-2010 (15JUL2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	296
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__2PRFIN20100714_000237_000000452091_00116_43757_1975.N1	14-JUL-2010 00:02:37	Twilight	44.500	150	44Zet Per	2.8900	28000.	89	43757	No
2	GOM_NL__2PRFIN20100714_000508_000000442091_00116_43757_1976.N1	14-JUL-2010 00:05:08	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	43757	No
3	GOM_NL__2PRFIN20100714_001249_000000542091_00116_43757_1977.N1	14-JUL-2010 00:12:49	Dark	53.500	94	92Alp Cet	2.5260	3100.0	107	43757	No
4	GOM_NL__2PRFIN20100714_001600_000000442091_00116_43757_1978.N1	14-JUL-2010 00:16:00	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	43757	No
5	GOM_NL__2PRFIN20100714_003104_000000542091_00117_43758_2001.N1	14-JUL-2010 00:31:04	Dark	53.500	9	Alp Eri	0.45300	24000.	107	43758	No
6	GOM_NL__2PRFIN20100714_003345_000000492091_00117_43758_2002.N1	14-JUL-2010 00:33:45	Dark	49.000	84	Alp Phe	2.3970	4500.0	98	43758	No
7	GOM_NL__2PRFIN20100714_003942_000000612091_00117_43758_2003.N1	14-JUL-2010 00:39:42	Straylight	60.500	63	Bet Gru	2.1500	2800.0	121	43758	No
8	GOM_NL__2PRFIN20100714_004121_000000572091_00117_43758_2004.N1	14-JUL-2010 00:41:21	Straylight	57.000	31	Alp Gru	1.7340	15200.	114	43758	No
9	GOM_NL__2PRFIN20100714_004434_000000522091_00117_43758_2005.N1	14-JUL-2010 00:44:34	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	43758	No
10	GOM_NL__2PRFIN20100714_005130_000000492091_00117_43758_2006.N1	14-JUL-2010 00:51:30	Bright	49.000	103	38Zet Sgr	2.6000	9700.0	98	43758	No
11	GOM_NL__2PRFIN20100714_005401_000000402091_00117_43758_2007.N1	14-JUL-2010 00:54:01	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	43758	No
12	GOM_NL__2PRFIN20100714_010452_000000402091_00117_43758_2008.N1	14-JUL-2010 01:04:52	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	43758	No
13	GOM_NL__2PRFIN20100714_011156_000000422091_00117_43758_2009.N1	14-JUL-2010 01:11:56	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	43758	No
14	GOM_NL__2PRFIN20100714_011513_000000382091_00117_43758_2010.N1	14-JUL-2010 01:15:13	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	43758	No
15	GOM_NL__2PRFIN20100714_012234_000000432091_00117_43758_2011.N1	14-JUL-2010 01:22:34	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43758	No
16	GOM_NL__2PRFIN20100714_013122_000000502091_00117_43758_2012.N1	14-JUL-2010 01:31:22	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	43758	No
17	GOM_NL__2PRFIN20100714_013612_000000432091_00117_43758_2013.N1	14-JUL-2010 01:36:12	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	43758	No
18	GOM_NL__2PRFIN20100714_013731_000000422091_00117_43758_2014.N1	14-JUL-2010 01:37:31	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	43758	No
19	GOM_NL__2PRFIN20100714_014025_000000462091_00117_43758_2015.N1	14-JUL-2010 01:40:25	Bright	46.000	79	26Bet Per	2.3100	13100.	92	43758	No
20	GOM_NL__2PRFIN20100714_014313_000000432091_00117_43758_2016.N1	14-JUL-2010 01:43:13	Twilight	43.000	150	44Zet Per	2.8900	28000.	86	43758	No
21	GOM_NL__2PRFIN20100714_014544_000000442091_00117_43758_2017.N1	14-JUL-2010 01:45:44	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	43758	No
22	GOM_NL__2PRFIN20100714_015326_000000492091_00117_43758_2018.N1	14-JUL-2010 01:53:26	Dark	48.500	94	92Alp Cet	2.5260	3100.0	97	43758	No
23	GOM_NL__2PRFIN20100714_015636_000000392091_00117_43758_2019.N1	14-JUL-2010 01:56:36	Dark	39.000	165	34Gam Eri	2.9500	3200.0	78	43758	No
24	GOM_NL__2PRFIN20100714_020531_000000422091_00117_43758_2020.N1	14-JUL-2010 02:05:31	Dark	41.500	157	The1Eri	2.9060	9300.0	83	43758	No
25	GOM_NL__2PRFIN20100714_021141_000000502091_00118_43759_2009.N1	14-JUL-2010 02:11:41	Dark	49.500	9	Alp Eri	0.45300	24000.	99	43759	No
26	GOM_NL__2PRFIN20100714_021422_000000582091_00118_43759_2010.N1	14-JUL-2010 02:14:22	Dark	57.500	84	Alp Phe	2.3970	4500.0	115	43759	No
27	GOM_NL__2PRFIN20100714_022019_000000622091_00118_43759_2011.N1	14-JUL-2010 02:20:19	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	43759	No
28	GOM_NL__2PRFIN20100714_022158_000000572091_00118_43759_2012.N1	14-JUL-2010 02:21:58	Straylight	56.500	31	Alp Gru	1.7340	15200.	113	43759	No
29	GOM_NL__2PRFIN20100714_022510_000000522091_00118_43759_2013.N1	14-JUL-2010 02:25:10	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	43759	No
30	GOM_NL__2PRFIN20100714_023206_000000472091_00118_43759_2014.N1	14-JUL-2010 02:32:06	Bright	47.000	103	38Zet Sgr	2.6000	9700.0	94	43759	No
31	GOM_NL__2PRFIN20100714_023437_000000412091_00118_43759_2015.N1	14-JUL-2010 02:34:37	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	43759	No
32	GOM_NL__2PRFIN20100714_024528_000000412091_00118_43759_2016.N1	14-JUL-2010 02:45:28	Bright	41.000	168	17Zet Aql	2.9860	11000.	82	43759	No
33	GOM_NL__2PRFIN20100714_025231_000000402091_00118_43759_2017.N1	14-JUL-2010 02:52:31	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	43759	No
34	GOM_NL__2PRFIN20100714_025549_000000362091_00118_43759_2018.N1	14-JUL-2010 02:55:49	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	43759	No
35	GOM_NL__2PRFIN20100714_030309_000000432091_00118_43759_2019.N1	14-JUL-2010 03:03:09	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43759	No
36	GOM_NL__2PRFIN20100714_031157_000000442091_00118_43759_2020.N1	14-JUL-2010 03:11:57	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	43759	No
37	GOM_NL__2PRFIN20100714_031648_000000422091_00118_43759_2021.N1	14-JUL-2010 03:16:48	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	43759	No
38	GOM_NL__2PRFIN20100714_031807_000000592091_00118_43759_2022.N1	14-JUL-2010 03:18:07	Bright	59.000	35	33Alp Per	1.7950	6250.0	118	43759	No
39	GOM_NL__2PRFIN20100714_032101_000000452091_00118_43759_2023.N1	14-JUL-2010 03:21:01	Bright	45.000	79	26Bet Per	2.3100	13100.	90	43759	No
40	GOM_NL__2PRFIN20100714_032349_000000442091_00118_43759_2024.N1	14-JUL-2010 03:23:49	Twilight	44.000	150	44Zet Per	2.8900	28000.	88	43759	No
41	GOM_NL__2PRFIN20100714_032620_000000442091_00118_43759_2025.N1	14-JUL-2010 03:26:20	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	43759	No
42	GOM_NL__2PRFIN20100714_033402_000000482091_00118_43759_2026.N1	14-JUL-2010 03:34:02	Dark	47.500	94	92Alp Cet	2.5260	3100.0	95	43759	No

43	GOM_NL__2PRFIN20100714_033713_000000382091_00118_43759_2027.N1	14-JUL-2010 03:37:13	Dark	37.500	165	34Gam Eri	2.9500	3200.0	75	43759	No
44	GOM_NL__2PRFIN20100714_034607_000000432091_00118_43759_2028.N1	14-JUL-2010 03:46:07	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43759	No
45	GOM_NL__2PRFIN20100714_035218_000000432091_00119_43760_1978.N1	14-JUL-2010 03:52:18	Dark	43.000	9	Alp Eri	0.45300	24000.	86	43760	No
46	GOM_NL__2PRFIN20100714_035459_000000512091_00119_43760_1979.N1	14-JUL-2010 03:54:59	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	43760	No
47	GOM_NL__2PRFIN20100714_040056_000000552091_00119_43760_1980.N1	14-JUL-2010 04:00:56	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	43760	No
48	GOM_NL__2PRFIN20100714_040235_000000502091_00119_43760_1981.N1	14-JUL-2010 04:02:35	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	43760	No
49	GOM_NL__2PRFIN20100714_040547_000000522091_00119_43760_1982.N1	14-JUL-2010 04:05:47	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	43760	No
50	GOM_NL__2PRFIN20100714_041242_000000472091_00119_43760_1983.N1	14-JUL-2010 04:12:42	Bright	46.500	103	38Zet Sgr	2.6000	9700.0	93	43760	No
51	GOM_NL__2PRFIN20100714_041513_000000402091_00119_43760_1984.N1	14-JUL-2010 04:15:13	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	43760	No
52	GOM_NL__2PRFIN20100714_042603_000000402091_00119_43760_1985.N1	14-JUL-2010 04:26:03	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	43760	No
53	GOM_NL__2PRFIN20100714_043308_000000422091_00119_43760_1986.N1	14-JUL-2010 04:33:08	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	43760	No
54	GOM_NL__2PRFIN20100714_043624_000000382091_00119_43760_1987.N1	14-JUL-2010 04:36:24	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	43760	No
55	GOM_NL__2PRFIN20100714_044345_000000432091_00119_43760_1988.N1	14-JUL-2010 04:43:45	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43760	No
56	GOM_NL__2PRFIN20100714_045233_000000492091_00119_43760_1989.N1	14-JUL-2010 04:52:33	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	43760	No
57	GOM_NL__2PRFIN20100714_045723_000000442091_00119_43760_1990.N1	14-JUL-2010 04:57:23	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	43760	No
58	GOM_NL__2PRFIN20100714_045842_000000422091_00119_43760_1991.N1	14-JUL-2010 04:58:42	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	43760	No
59	GOM_NL__2PRFIN20100714_050137_000000472091_00119_43760_1992.N1	14-JUL-2010 05:01:37	Bright	47.000	79	26Bet Per	2.3100	13100.	94	43760	No
60	GOM_NL__2PRFIN20100714_050425_000000452091_00119_43760_1993.N1	14-JUL-2010 05:04:25	Twi_and_stray	45.000	150	44Zet Per	2.8900	28000.	90	43760	No
61	GOM_NL__2PRFIN20100714_050657_000000442091_00119_43760_1994.N1	14-JUL-2010 05:06:57	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	43760	No
62	GOM_NL__2PRFIN20100714_050831_000000472091_00119_43760_1995.N1	14-JUL-2010 05:08:31	Twilight	46.500	13	87Alp Tau	0.86700	3800.0	93	43760	No
63	GOM_NL__2PRFIN20100714_051439_000000512091_00119_43760_1996.N1	14-JUL-2010 05:14:39	Dark	50.500	94	92Alp Cet	2.5260	3100.0	101	43760	No
64	GOM_NL__2PRFIN20100714_051749_000000442091_00119_43760_1997.N1	14-JUL-2010 05:17:49	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	43760	No
65	GOM_NL__2PRFIN20100714_052644_000000422091_00119_43760_1998.N1	14-JUL-2010 05:26:44	Dark	41.500	157	The1Eri	2.9060	9300.0	83	43760	No
66	GOM_NL__2PRFIN20100714_053254_000000482091_00120_43761_1986.N1	14-JUL-2010 05:32:54	Dark	48.000	9	Alp Eri	0.45300	24000.	96	43761	No
67	GOM_NL__2PRFIN20100714_053536_000000532091_00120_43761_1987.N1	14-JUL-2010 05:35:36	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	43761	No
68	GOM_NL__2PRFIN20100714_054133_000000582091_00120_43761_1988.N1	14-JUL-2010 05:41:33	Straylight	57.500	63	Bet Gru	2.1500	2800.0	115	43761	No
69	GOM_NL__2PRFIN20100714_054312_000000522091_00120_43761_1989.N1	14-JUL-2010 05:43:12	Straylight	52.000	31	Alp Gru	1.7340	15200.	104	43761	No
70	GOM_NL__2PRFIN20100714_054624_000000532091_00120_43761_1990.N1	14-JUL-2010 05:46:24	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	43761	No
71	GOM_NL__2PRFIN20100714_055319_000000462091_00120_43761_1991.N1	14-JUL-2010 05:53:19	Bright	45.500	103	38Zet Sgr	2.6000	9700.0	91	43761	No
72	GOM_NL__2PRFIN20100714_055549_000000412091_00120_43761_1992.N1	14-JUL-2010 05:55:49	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	43761	No
73	GOM_NL__2PRFIN20100714_060640_000000402091_00120_43761_1993.N1	14-JUL-2010 06:06:40	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	43761	No
74	GOM_NL__2PRFIN20100714_061343_000000432091_00120_43761_1994.N1	14-JUL-2010 06:13:43	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	43761	No
75	GOM_NL__2PRFIN20100714_061700_000000392091_00120_43761_1995.N1	14-JUL-2010 06:17:00	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	43761	No
76	GOM_NL__2PRFIN20100714_062420_000000412091_00120_43761_1996.N1	14-JUL-2010 06:24:20	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	43761	No
77	GOM_NL__2PRFIN20100714_063308_000000492091_00120_43761_1997.N1	14-JUL-2010 06:33:08	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	43761	No
78	GOM_NL__2PRFIN20100714_063759_000000592091_00120_43761_1998.N1	14-JUL-2010 06:37:59	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	43761	No
79	GOM_NL__2PRFIN20100714_063918_000000432091_00120_43761_1999.N1	14-JUL-2010 06:39:18	Bright	42.500	35	33Alp Per	1.7950	6250.0	85	43761	No
80	GOM_NL__2PRFIN20100714_064213_000000482091_00120_43761_2000.N1	14-JUL-2010 06:42:13	Bright	48.000	79	26Bet Per	2.3100	13100.	96	43761	No
81	GOM_NL__2PRFIN20100714_064502_000000412091_00120_43761_2001.N1	14-JUL-2010 06:45:02	Twi_and_stray	41.000	150	44Zet Per	2.8900	28000.	82	43761	No
82	GOM_NL__2PRFIN20100714_064733_000000412091_00120_43761_2002.N1	14-JUL-2010 06:47:33	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	43761	No
83	GOM_NL__2PRFIN20100714_064907_000000442091_00120_43761_2003.N1	14-JUL-2010 06:49:07	Twilight	43.500	13	87Alp Tau	0.86700	3800.0	87	43761	No
84	GOM_NL__2PRFIN20100714_065516_000000542091_00120_43761_2004.N1	14-JUL-2010 06:55:16	Dark	53.500	94	92Alp Cet	2.5260	3100.0	107	43761	No
85	GOM_NL__2PRFIN20100714_065826_000000452091_00120_43761_2005.N1	14-JUL-2010 06:58:26	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	43761	No
86	GOM_NL__2PRFIN20100714_070721_000000412091_00120_43761_2006.N1	14-JUL-2010 07:07:21	Dark	40.500	157	The1Eri	2.9060	9300.0	81	43761	No
87	GOM_NL__2PRFIN20100714_071331_000000522091_00121_43762_2016.N1	14-JUL-2010 07:13:31	Dark	51.500	9	Alp Eri	0.45300	24000.	103	43762	No
88	GOM_NL__2PRFIN20100714_071614_000000532091_00121_43762_2017.N1	14-JUL-2010 07:16:14	Dark	52.500	84	Alp Phe	2.3970	4500.0	105	43762	No
89	GOM_NL__2PRFIN20100714_072210_000000672091_00121_43762_2018.N1	14-JUL-2010 07:22:10	Straylight	67.000	63	Bet Gru	2.1500	2800.0	134	43762	No
90	GOM_NL__2PRFIN20100714_072348_000000472091_00121_43762_2019.N1	14-JUL-2010 07:23:48	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	43762	No
91	GOM_NL__2PRFIN20100714_072701_000000522091_00121_43762_2020.N1	14-JUL-2010 07:27:01	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	43762	No
92	GOM_NL__2PRFIN20100714_073355_000000442091_00121_43762_2021.N1	14-JUL-2010 07:33:55	Bright	44.000	103	38Zet Sgr	2.6000	9700.0	88	43762	No
93	GOM_NL__2PRFIN20100714_073626_000000392091_00121_43762_2022.N1	14-JUL-2010 07:36:26	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	43762	No
94	GOM_NL__2PRFIN20100714_074716_000000392091_00121_43762_2023.N1	14-JUL-2010 07:47:16	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	43762	No
95	GOM_NL__2PRFIN20100714_075419_000000412091_00121_43762_2024.N1	14-JUL-2010 07:54:19	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	43762	No
96	GOM_NL__2PRFIN20100714_075736_000000382091_00121_43762_2025.N1	14-JUL-2010 07:57:36	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	43762	No
97	GOM_NL__2PRFIN20100714_080456_000000422091_00121_43762_2026.N1	14-JUL-2010 08:04:56	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43762	No
98	GOM_NL__2PRFIN20100714_081343_000000482091_00121_43762_2027.N1	14-JUL-2010 08:13:43	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	43762	No
99	GOM_NL__2PRFIN20100714_081835_000000402091_00121_43762_2028.N1	14-JUL-2010 08:18:35	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	43762	No
100	GOM_NL__2PRFIN20100714_081954_000000422091_00121_43762_2029.N1	14-JUL-2010 08:19:54	Bright	42.000	35	33Alp Per	1.7950	6250.0	84	43762	No
101	GOM_NL__2PRFIN20100714_082249_000000452091_00121_43762_2030.N1	14-JUL-2010 08:22:49	Bright	45.000	79	26Bet Per	2.3100	13100.	90	43762	No

102	GOM_NL__2PRFIN20100714_082538_000000412091_00121_43762_2031.N1	14-JUL-2010 08:25:38	Twilight	41.000	150	44Zet Per	2.8900	28000.	82	43762	No
103	GOM_NL__2PRFIN20100714_082809_000000392091_00121_43762_2032.N1	14-JUL-2010 08:28:09	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	43762	No
104	GOM_NL__2PRFIN20100714_082944_000000382091_00121_43762_2033.N1	14-JUL-2010 08:29:44	Twilight	38.000	13	87Alp Tau	0.86700	3800.0	76	43762	No
105	GOM_NL__2PRFIN20100714_083552_000000582091_00121_43762_2034.N1	14-JUL-2010 08:35:52	Dark	57.500	94	92Alp Cet	2.5260	3100.0	115	43762	No
106	GOM_NL__2PRFIN20100714_083902_000000462091_00121_43762_2035.N1	14-JUL-2010 08:39:02	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	43762	No
107	GOM_NL__2PRFIN20100714_084757_000000462091_00121_43762_2036.N1	14-JUL-2010 08:47:57	Dark	45.500	157	The1Eri	2.9060	9300.0	91	43762	No
108	GOM_NL__2PRFIN20100714_085408_000000532091_00122_43763_2026.N1	14-JUL-2010 08:54:08	Dark	53.000	9	Alp Eri	0.45300	24000.	106	43763	No
109	GOM_NL__2PRFIN20100714_085651_000000522091_00122_43763_2027.N1	14-JUL-2010 08:56:51	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	43763	No
110	GOM_NL__2PRFIN20100714_090247_000000492091_00122_43763_2028.N1	14-JUL-2010 09:02:47	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	43763	No
111	GOM_NL__2PRFIN20100714_090425_000000512091_00122_43763_2029.N1	14-JUL-2010 09:04:25	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	43763	No
112	GOM_NL__2PRFIN20100714_090737_000000502091_00122_43763_2030.N1	14-JUL-2010 09:07:37	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	43763	No
113	GOM_NL__2PRFIN20100714_091431_000000462091_00122_43763_2031.N1	14-JUL-2010 09:14:31	Bright	46.000	103	38Zet Sgr	2.6000	9700.0	92	43763	No
114	GOM_NL__2PRFIN20100714_091702_000000402091_00122_43763_2032.N1	14-JUL-2010 09:17:02	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	43763	No
115	GOM_NL__2PRFIN20100714_092751_000000412091_00122_43763_2033.N1	14-JUL-2010 09:27:51	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	43763	No
116	GOM_NL__2PRFIN20100714_093454_000000362091_00122_43763_2034.N1	14-JUL-2010 09:34:54	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	43763	No
117	GOM_NL__2PRFIN20100714_093812_000000412091_00122_43763_2035.N1	14-JUL-2010 09:38:12	Bright	41.000	69	33Gam Dra	2.2310	3800.0	82	43763	No
118	GOM_NL__2PRFIN20100714_094531_000000432091_00122_43763_2036.N1	14-JUL-2010 09:45:31	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	43763	No
119	GOM_NL__2PRFIN20100714_095419_000000482091_00122_43763_2037.N1	14-JUL-2010 09:54:19	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	43763	No
120	GOM_NL__2PRFIN20100714_095911_000000402091_00122_43763_2038.N1	14-JUL-2010 09:59:11	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	43763	No
121	GOM_NL__2PRFIN20100714_100030_000000402091_00122_43763_2039.N1	14-JUL-2010 10:00:30	Bright	39.500	35	33Alp Per	1.7950	6250.0	79	43763	No
122	GOM_NL__2PRFIN20100714_100325_000000472091_00122_43763_2040.N1	14-JUL-2010 10:03:25	Bright	47.000	79	26Bet Per	2.3100	13100.	94	43763	No
123	GOM_NL__2PRFIN20100714_100614_000000432091_00122_43763_2041.N1	14-JUL-2010 10:06:14	Twilight	43.000	150	44Zet Per	2.8900	28000.	86	43763	No
124	GOM_NL__2PRFIN20100714_100845_000000392091_00122_43763_2042.N1	14-JUL-2010 10:08:45	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	43763	No
125	GOM_NL__2PRFIN20100714_101020_000000362091_00122_43763_2043.N1	14-JUL-2010 10:10:20	Twilight	35.500	13	87Alp Tau	0.86700	3800.0	71	43763	No
126	GOM_NL__2PRFIN20100714_101629_000000672091_00122_43763_2044.N1	14-JUL-2010 10:16:29	Dark	67.000	94	92Alp Cet	2.5260	3100.0	134	43763	No
127	GOM_NL__2PRFIN20100714_101938_000000462091_00122_43763_2045.N1	14-JUL-2010 10:19:38	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	43763	No
128	GOM_NL__2PRFIN20100714_102834_000000422091_00122_43763_2046.N1	14-JUL-2010 10:28:34	Dark	42.000	157	The1Eri	2.9060	9300.0	84	43763	No
129	GOM_NL__2PRFIN20100714_103444_000000462091_00123_43764_2115.N1	14-JUL-2010 10:34:44	Dark	45.500	9	Alp Eri	0.45300	24000.	91	43764	No
130	GOM_NL__2PRFIN20100714_103728_000000522091_00123_43764_2116.N1	14-JUL-2010 10:37:28	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	43764	No
131	GOM_NL__2PRFIN20100714_104323_000000652091_00123_43764_2117.N1	14-JUL-2010 10:43:23	Straylight	64.500	63	Bet Gru	2.1500	2800.0	129	43764	No
132	GOM_NL__2PRFIN20100714_104502_000000492091_00123_43764_2118.N1	14-JUL-2010 10:45:02	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	43764	No
133	GOM_NL__2PRFIN20100714_104814_000000532091_00123_43764_2119.N1	14-JUL-2010 10:48:14	Straylight	52.500	172	Gam Gru	3.0030	13100.	105	43764	No
134	GOM_NL__2PRFIN20100714_105507_000000442091_00123_43764_2120.N1	14-JUL-2010 10:55:07	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	43764	No
135	GOM_NL__2PRFIN20100714_105738_000000402091_00123_43764_2121.N1	14-JUL-2010 10:57:38	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	43764	No
136	GOM_NL__2PRFIN20100714_110826_000000392091_00123_43764_2122.N1	14-JUL-2010 11:08:26	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	43764	No
137	GOM_NL__2PRFIN20100714_111530_000000422091_00123_43764_2123.N1	14-JUL-2010 11:15:30	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	43764	No
138	GOM_NL__2PRFIN20100714_111848_000000402091_00123_43764_2124.N1	14-JUL-2010 11:18:48	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	43764	No
139	GOM_NL__2PRFIN20100714_112606_000000452091_00123_43764_2125.N1	14-JUL-2010 11:26:06	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43764	No
140	GOM_NL__2PRFIN20100714_113454_000000492091_00123_43764_2126.N1	14-JUL-2010 11:34:54	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	43764	No
141	GOM_NL__2PRFIN20100714_113947_000000422091_00123_43764_2127.N1	14-JUL-2010 11:39:47	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	43764	No
142	GOM_NL__2PRFIN20100714_114106_000000422091_00123_43764_2128.N1	14-JUL-2010 11:41:06	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	43764	No
143	GOM_NL__2PRFIN20100714_114401_000000502091_00123_43764_2129.N1	14-JUL-2010 11:44:01	Bright	50.000	79	26Bet Per	2.3100	13100.	100	43764	No
144	GOM_NL__2PRFIN20100714_114650_000000462091_00123_43764_2130.N1	14-JUL-2010 11:46:50	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	43764	No
145	GOM_NL__2PRFIN20100714_114921_000000442091_00123_43764_2131.N1	14-JUL-2010 11:49:21	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	43764	No
146	GOM_NL__2PRFIN20100714_115056_000000512091_00123_43764_2132.N1	14-JUL-2010 11:50:56	Twilight	50.500	13	87Alp Tau	0.86700	3800.0	101	43764	No
147	GOM_NL__2PRFIN20100714_115706_000000652091_00123_43764_2133.N1	14-JUL-2010 11:57:06	Dark	64.500	94	92Alp Cet	2.5260	3100.0	129	43764	No
148	GOM_NL__2PRFIN20100714_120015_000000462091_00123_43764_2134.N1	14-JUL-2010 12:00:15	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	43764	No
149	GOM_NL__2PRFIN20100714_120910_000000402091_00123_43764_2135.N1	14-JUL-2010 12:09:10	Dark	39.500	157	The1Eri	2.9060	9300.0	79	43764	No
150	GOM_NL__2PRFIN20100714_121521_000000432091_00124_43765_2160.N1	14-JUL-2010 12:15:21	Dark	42.500	9	Alp Eri	0.45300	24000.	85	43765	No
151	GOM_NL__2PRFIN20100714_121805_000000502091_00124_43765_2161.N1	14-JUL-2010 12:18:05	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	43765	No
152	GOM_NL__2PRFIN20100714_122400_000000532091_00124_43765_2162.N1	14-JUL-2010 12:24:00	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	43765	No
153	GOM_NL__2PRFIN20100714_122539_000000482091_00124_43765_2163.N1	14-JUL-2010 12:25:39	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	43765	No
154	GOM_NL__2PRFIN20100714_122851_000000522091_00124_43765_2164.N1	14-JUL-2010 12:28:51	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	43765	No
155	GOM_NL__2PRFIN20100714_123543_000000452091_00124_43765_2165.N1	14-JUL-2010 12:35:43	Bright	44.500	103	38Zet Sgr	2.6000	9700.0	89	43765	No
156	GOM_NL__2PRFIN20100714_123814_000000402091_00124_43765_2166.N1	14-JUL-2010 12:38:14	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	43765	No
157	GOM_NL__2PRFIN20100714_124902_000000392091_00124_43765_2167.N1	14-JUL-2010 12:49:02	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	43765	No
158	GOM_NL__2PRFIN20100714_125606_000000372091_00124_43765_2168.N1	14-JUL-2010 12:56:06	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	43765	No
159	GOM_NL__2PRFIN20100714_125924_000000382091_00124_43765_2169.N1	14-JUL-2010 12:59:24	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	43765	No
160	GOM_NL__2PRFIN20100714_130641_000000452091_00124_43765_2170.N1	14-JUL-2010 13:06:41	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43765	No



161	GOM_NL__2PRFIN20100714_131530_000000682091_00124_43765_2171.N1	14-JUL-2010 13:15:30	Bright	67.500	76	27Gam Cas	2.3000	30000.	135	43765	No
162	GOM_NL__2PRFIN20100714_132022_000000402091_00124_43765_2172.N1	14-JUL-2010 13:20:22	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	43765	No
163	GOM_NL__2PRFIN20100714_132142_000000422091_00124_43765_2173.N1	14-JUL-2010 13:21:42	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	43765	No
164	GOM_NL__2PRFIN20100714_132437_000000472091_00124_43765_2174.N1	14-JUL-2010 13:24:37	Bright	46.500	79	26Bet Per	2.3100	13100.	93	43765	No
165	GOM_NL__2PRFIN20100714_132726_000000452091_00124_43765_2175.N1	14-JUL-2010 13:27:26	Tw_i_and_stray	45.000	150	44Zet Per	2.8900	28000.	90	43765	No
166	GOM_NL__2PRFIN20100714_132958_000000442091_00124_43765_2176.N1	14-JUL-2010 13:29:58	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	43765	No
167	GOM_NL__2PRFIN20100714_133132_000000542091_00124_43765_2177.N1	14-JUL-2010 13:31:32	Twilight	54.000	13	87Alp Tau	0.86700	3800.0	108	43765	No
168	GOM_NL__2PRFIN20100714_133742_000000572091_00124_43765_2178.N1	14-JUL-2010 13:37:42	Dark	57.000	94	92Alp Cet	2.5260	3100.0	114	43765	No
169	GOM_NL__2PRFIN20100714_134051_000000452091_00124_43765_2179.N1	14-JUL-2010 13:40:51	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	43765	No
170	GOM_NL__2PRFIN20100714_134947_000000402091_00124_43765_2180.N1	14-JUL-2010 13:49:47	Dark	40.000	157	The1Eri	2.9060	9300.0	80	43765	No
171	GOM_NL__2PRFIN20100714_135557_000000522091_00125_43766_2196.N1	14-JUL-2010 13:55:57	Dark	51.500	9	Alp Eri	0.45300	24000.	103	43766	No
172	GOM_NL__2PRFIN20100714_135842_000000552091_00125_43766_2197.N1	14-JUL-2010 13:58:42	Dark	54.500	84	Alp Phe	2.3970	4500.0	109	43766	No
173	GOM_NL__2PRFIN20100714_140437_000000532091_00125_43766_2198.N1	14-JUL-2010 14:04:37	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	43766	No
174	GOM_NL__2PRFIN20100714_140615_000000492091_00125_43766_2199.N1	14-JUL-2010 14:06:15	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43766	No
175	GOM_NL__2PRFIN20100714_140928_000000542091_00125_43766_2200.N1	14-JUL-2010 14:09:28	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	43766	No
176	GOM_NL__2PRFIN20100714_141620_000000442091_00125_43766_2201.N1	14-JUL-2010 14:16:20	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	43766	No
177	GOM_NL__2PRFIN20100714_141850_000000412091_00125_43766_2202.N1	14-JUL-2010 14:18:50	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	43766	No
178	GOM_NL__2PRFIN20100714_142938_000000402091_00125_43766_2203.N1	14-JUL-2010 14:29:38	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	43766	No
179	GOM_NL__2PRFIN20100714_143642_000000432091_00125_43766_2204.N1	14-JUL-2010 14:36:42	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	43766	No
180	GOM_NL__2PRFIN20100714_144000_000000342091_00125_43766_2205.N1	14-JUL-2010 14:40:00	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	43766	No
181	GOM_NL__2PRFIN20100714_144717_000000432091_00125_43766_2206.N1	14-JUL-2010 14:47:17	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43766	No
182	GOM_NL__2PRFIN20100714_145605_000000482091_00125_43766_2207.N1	14-JUL-2010 14:56:05	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43766	No
183	GOM_NL__2PRFIN20100714_150058_000000422091_00125_43766_2208.N1	14-JUL-2010 15:00:58	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	43766	No
184	GOM_NL__2PRFIN20100714_150218_000000412091_00125_43766_2209.N1	14-JUL-2010 15:02:18	Bright	40.500	35	33Alp Per	1.7950	6250.0	81	43766	No
185	GOM_NL__2PRFIN20100714_150512_000000492091_00125_43766_2210.N1	14-JUL-2010 15:05:12	Bright	48.500	79	26Bet Per	2.3100	13100.	97	43766	No
186	GOM_NL__2PRFIN20100714_150802_000000452091_00125_43766_2211.N1	14-JUL-2010 15:08:02	Tw_i_and_stray	44.500	150	44Zet Per	2.8900	28000.	89	43766	No
187	GOM_NL__2PRFIN20100714_151034_000000442091_00125_43766_2212.N1	14-JUL-2010 15:10:34	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	43766	No
188	GOM_NL__2PRFIN20100714_151209_000000462091_00125_43766_2213.N1	14-JUL-2010 15:12:09	Twilight	46.000	13	87Alp Tau	0.86700	3800.0	92	43766	No
189	GOM_NL__2PRFIN20100714_151819_000000552091_00125_43766_2214.N1	14-JUL-2010 15:18:19	Dark	55.000	94	92Alp Cet	2.5260	3100.0	110	43766	No
190	GOM_NL__2PRFIN20100714_152128_000000452091_00125_43766_2215.N1	14-JUL-2010 15:21:28	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	43766	No
191	GOM_NL__2PRFIN20100714_153023_000000422091_00125_43766_2216.N1	14-JUL-2010 15:30:23	Dark	42.000	157	The1Eri	2.9060	9300.0	84	43766	No
192	GOM_NL__2PRFIN20100714_153633_000000452091_00126_43767_2229.N1	14-JUL-2010 15:36:33	Dark	44.500	9	Alp Eri	0.45300	24000.	89	43767	No
193	GOM_NL__2PRFIN20100714_153919_000000542091_00126_43767_2230.N1	14-JUL-2010 15:39:19	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	43767	No
194	GOM_NL__2PRFIN20100714_154514_000000502091_00126_43767_2231.N1	14-JUL-2010 15:45:14	Straylight	49.500	63	Bet Gru	2.1500	2800.0	99	43767	No
195	GOM_NL__2PRFIN20100714_154652_000000492091_00126_43767_2232.N1	14-JUL-2010 15:46:52	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43767	No
196	GOM_NL__2PRFIN20100714_155004_000000512091_00126_43767_2233.N1	14-JUL-2010 15:50:04	Straylight	50.500	172	Gam Gru	3.0030	13100.	101	43767	No
197	GOM_NL__2PRFIN20100714_155656_000000492091_00126_43767_2234.N1	14-JUL-2010 15:56:56	Bright	49.000	103	38Zet Sgr	2.6000	9700.0	98	43767	No
198	GOM_NL__2PRFIN20100714_155926_000000412091_00126_43767_2235.N1	14-JUL-2010 15:59:26	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	43767	No
199	GOM_NL__2PRFIN20100714_161014_000000402091_00126_43767_2236.N1	14-JUL-2010 16:10:14	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	43767	No
200	GOM_NL__2PRFIN20100714_161717_000000382091_00126_43767_2237.N1	14-JUL-2010 16:17:17	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	43767	No
201	GOM_NL__2PRFIN20100714_162036_000000392091_00126_43767_2238.N1	14-JUL-2010 16:20:36	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	43767	No
202	GOM_NL__2PRFIN20100714_162752_000000442091_00126_43767_2239.N1	14-JUL-2010 16:27:52	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43767	No
203	GOM_NL__2PRFIN20100714_163640_000000472091_00126_43767_2240.N1	14-JUL-2010 16:36:40	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43767	No
204	GOM_NL__2PRFIN20100714_164134_000000422091_00126_43767_2241.N1	14-JUL-2010 16:41:34	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	43767	No
205	GOM_NL__2PRFIN20100714_164254_000000432091_00126_43767_2242.N1	14-JUL-2010 16:42:54	Bright	43.000	35	33Alp Per	1.7950	6250.0	86	43767	No
206	GOM_NL__2PRFIN20100714_164548_000000482091_00126_43767_2243.N1	14-JUL-2010 16:45:48	Bright	47.500	79	26Bet Per	2.3100	13100.	95	43767	No
207	GOM_NL__2PRFIN20100714_164838_000000442091_00126_43767_2244.N1	14-JUL-2010 16:48:38	Tw_i_and_stray	44.000	150	44Zet Per	2.8900	28000.	88	43767	No
208	GOM_NL__2PRFIN20100714_165110_000000462091_00126_43767_2245.N1	14-JUL-2010 16:51:10	Twilight	45.500	146	25Eta Tau	2.8730	15200.	91	43767	No
209	GOM_NL__2PRFIN20100714_165244_000000542091_00126_43767_2246.N1	14-JUL-2010 16:52:44	Twilight	54.000	13	87Alp Tau	0.86700	3800.0	108	43767	No
210	GOM_NL__2PRFIN20100714_165855_000000552091_00126_43767_2247.N1	14-JUL-2010 16:58:55	Dark	55.000	94	92Alp Cet	2.5260	3100.0	110	43767	No
211	GOM_NL__2PRFIN20100714_170204_000000492091_00126_43767_2248.N1	14-JUL-2010 17:02:04	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	43767	No
212	GOM_NL__2PRFIN20100714_171100_000000412091_00126_43767_2249.N1	14-JUL-2010 17:11:00	Dark	40.500	157	The1Eri	2.9060	9300.0	81	43767	No
213	GOM_NL__2PRFIN20100714_171710_000000452091_00127_43768_2258.N1	14-JUL-2010 17:17:10	Dark	45.000	9	Alp Eri	0.45300	24000.	90	43768	No
214	GOM_NL__2PRFIN20100714_171956_000000532091_00127_43768_2259.N1	14-JUL-2010 17:19:56	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	43768	No
215	GOM_NL__2PRFIN20100714_172551_000000502091_00127_43768_2260.N1	14-JUL-2010 17:25:51	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	43768	No
216	GOM_NL__2PRFIN20100714_172729_000000492091_00127_43768_2261.N1	14-JUL-2010 17:27:29	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43768	No
217	GOM_NL__2PRFIN20100714_173041_000000502091_00127_43768_2262.N1	14-JUL-2010 17:30:41	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	43768	No
218	GOM_NL__2PRFIN20100714_173732_000000432091_00127_43768_2263.N1	14-JUL-2010 17:37:32	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	43768	No
219	GOM_NL__2PRFIN20100714_174002_000000402091_00127_43768_2264.N1	14-JUL-2010 17:40:02	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	43768	No

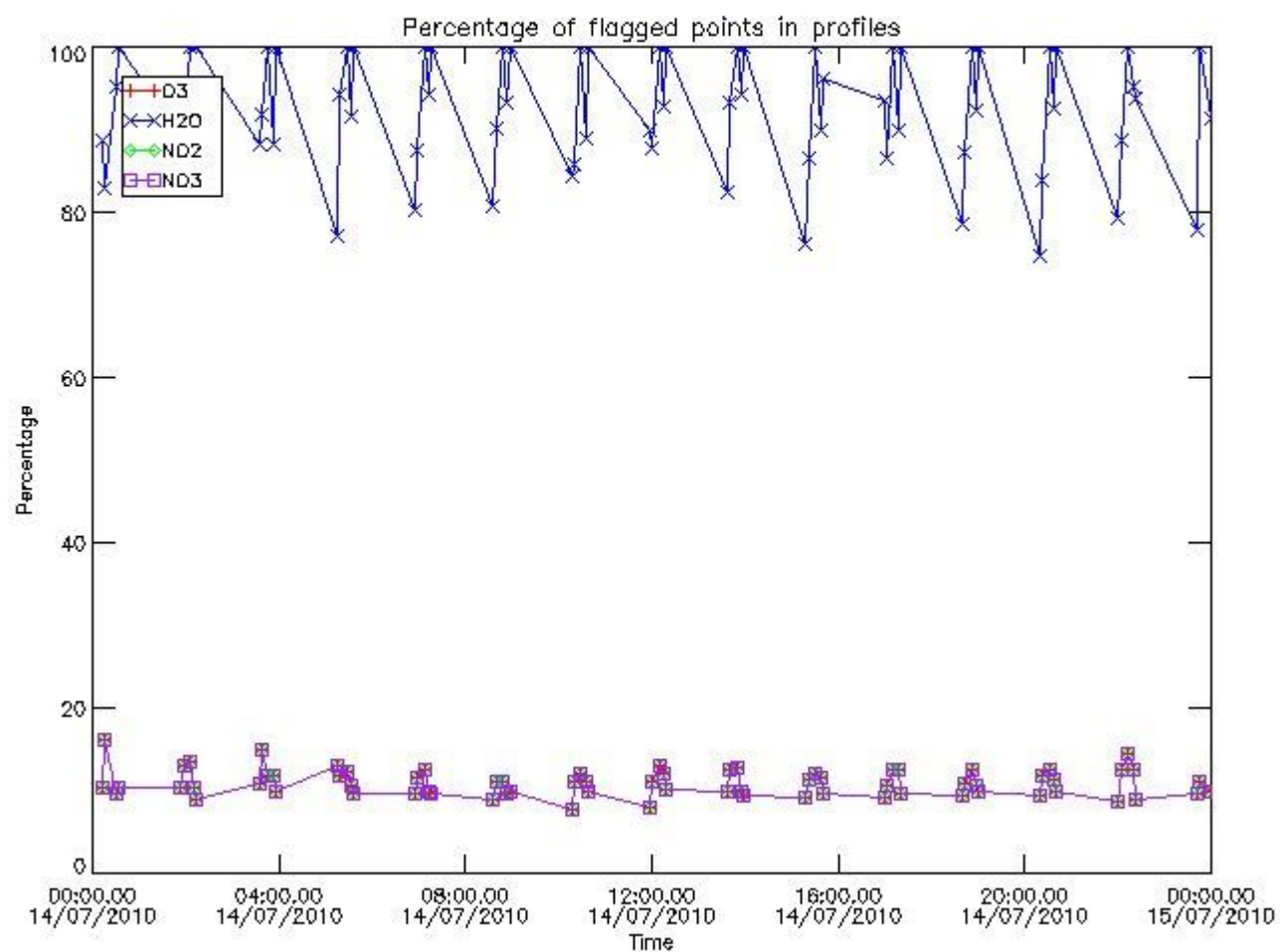
220	GOM_NL__2PRFIN20100714_175050_000000592091_00127_43768_2265.N1	14-JUL-2010 17:50:50	Bright	59.000	168	17Zet Aql	2.9860	11000.	118	43768	No
221	GOM_NL__2PRFIN20100714_175753_000000442091_00127_43768_2266.N1	14-JUL-2010 17:57:53	Bright	44.000	5	3Alp Lyr	0.033000	11000.	88	43768	No
222	GOM_NL__2PRFIN20100714_180111_000000402091_00127_43768_2267.N1	14-JUL-2010 18:01:11	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	43768	No
223	GOM_NL__2PRFIN20100714_180828_000000442091_00127_43768_2268.N1	14-JUL-2010 18:08:28	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43768	No
224	GOM_NL__2PRFIN20100714_181716_000000562091_00127_43768_2269.N1	14-JUL-2010 18:17:16	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	43768	No
225	GOM_NL__2PRFIN20100714_182210_000000602091_00127_43768_2270.N1	14-JUL-2010 18:22:10	Bright	60.000	160	23Gam Per	2.9300	4700.0	120	43768	No
226	GOM_NL__2PRFIN20100714_182329_000000412091_00127_43768_2271.N1	14-JUL-2010 18:23:29	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	43768	No
227	GOM_NL__2PRFIN20100714_182625_000000482091_00127_43768_2272.N1	14-JUL-2010 18:26:25	Bright	47.500	79	26Bet Per	2.3100	13100.	95	43768	No
228	GOM_NL__2PRFIN20100714_182914_000000442091_00127_43768_2273.N1	14-JUL-2010 18:29:14	Twi_and_stray	43.500	150	44Zet Per	2.8900	28000.	87	43768	No
229	GOM_NL__2PRFIN20100714_183146_000000452091_00127_43768_2274.N1	14-JUL-2010 18:31:46	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	43768	No
230	GOM_NL__2PRFIN20100714_183321_000000462091_00127_43768_2275.N1	14-JUL-2010 18:33:21	Twilight	46.000	13	87Alp Tau	0.86700	3800.0	92	43768	No
231	GOM_NL__2PRFIN20100714_183932_000000542091_00127_43768_2276.N1	14-JUL-2010 18:39:32	Dark	54.000	94	92Alp Cet	2.5260	3100.0	108	43768	No
232	GOM_NL__2PRFIN20100714_184241_000000482091_00127_43768_2277.N1	14-JUL-2010 18:42:41	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	43768	No
233	GOM_NL__2PRFIN20100714_185137_000000412091_00127_43768_2278.N1	14-JUL-2010 18:51:37	Dark	41.000	157	The1Eri	2.9060	9300.0	82	43768	No
234	GOM_NL__2PRFIN20100714_185746_000000532091_00128_43769_2282.N1	14-JUL-2010 18:57:46	Dark	52.500	9	Alp Eri	0.45300	24000.	105	43769	No
235	GOM_NL__2PRFIN20100714_190033_000000512091_00128_43769_2283.N1	14-JUL-2010 19:00:33	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	43769	No
236	GOM_NL__2PRFIN20100714_190628_000000572091_00128_43769_2284.N1	14-JUL-2010 19:06:28	Straylight	57.000	63	Bet Gru	2.1500	2800.0	114	43769	No
237	GOM_NL__2PRFIN20100714_190805_000000532091_00128_43769_2285.N1	14-JUL-2010 19:08:05	Straylight	53.000	31	Alp Gru	1.7340	15200.	106	43769	No
238	GOM_NL__2PRFIN20100714_191118_000000522091_00128_43769_2286.N1	14-JUL-2010 19:11:18	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	43769	No
239	GOM_NL__2PRFIN20100714_191808_000000442091_00128_43769_2287.N1	14-JUL-2010 19:18:08	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	43769	No
240	GOM_NL__2PRFIN20100714_192038_000000402091_00128_43769_2288.N1	14-JUL-2010 19:20:38	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	43769	No
241	GOM_NL__2PRFIN20100714_193125_000000382091_00128_43769_2289.N1	14-JUL-2010 19:31:25	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	43769	No
242	GOM_NL__2PRFIN20100714_193829_000000392091_00128_43769_2290.N1	14-JUL-2010 19:38:29	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	43769	No
243	GOM_NL__2PRFIN20100714_194147_000000382091_00128_43769_2291.N1	14-JUL-2010 19:41:47	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	43769	No
244	GOM_NL__2PRFIN20100714_194903_000000442091_00128_43769_2292.N1	14-JUL-2010 19:49:03	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43769	No
245	GOM_NL__2PRFIN20100714_195752_000000572091_00128_43769_2293.N1	14-JUL-2010 19:57:52	Bright	56.500	76	27Gam Cas	2.3000	30000.	113	43769	No
246	GOM_NL__2PRFIN20100714_200246_000000422091_00128_43769_2294.N1	14-JUL-2010 20:02:46	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	43769	No
247	GOM_NL__2PRFIN20100714_200405_000000412091_00128_43769_2295.N1	14-JUL-2010 20:04:05	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	43769	No
248	GOM_NL__2PRFIN20100714_200701_000000472091_00128_43769_2296.N1	14-JUL-2010 20:07:01	Bright	46.500	79	26Bet Per	2.3100	13100.	93	43769	No
249	GOM_NL__2PRFIN20100714_200950_000000442091_00128_43769_2297.N1	14-JUL-2010 20:09:50	Twi_and_stray	44.000	150	44Zet Per	2.8900	28000.	88	43769	No
250	GOM_NL__2PRFIN20100714_201222_000000462091_00128_43769_2298.N1	14-JUL-2010 20:12:22	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	43769	No
251	GOM_NL__2PRFIN20100714_201357_000000502091_00128_43769_2299.N1	14-JUL-2010 20:13:57	Twilight	49.500	13	87Alp Tau	0.86700	3800.0	99	43769	No
252	GOM_NL__2PRFIN20100714_202009_000000542091_00128_43769_2300.N1	14-JUL-2010 20:20:09	Dark	54.000	94	92Alp Cet	2.5260	3100.0	108	43769	No
253	GOM_NL__2PRFIN20100714_202317_000000442091_00128_43769_2301.N1	14-JUL-2010 20:23:17	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	43769	No
254	GOM_NL__2PRFIN20100714_203213_000000412091_00128_43769_2302.N1	14-JUL-2010 20:32:13	Dark	41.000	157	The1Eri	2.9060	9300.0	82	43769	No
255	GOM_NL__2PRFIN20100714_203823_000000542091_00129_43770_2310.N1	14-JUL-2010 20:38:23	Dark	54.000	9	Alp Eri	0.45300	24000.	108	43770	No
256	GOM_NL__2PRFIN20100714_204110_000000522091_00129_43770_2311.N1	14-JUL-2010 20:41:10	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	43770	No
257	GOM_NL__2PRFIN20100714_204704_000000502091_00129_43770_2312.N1	14-JUL-2010 20:47:04	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	43770	No
258	GOM_NL__2PRFIN20100714_204842_000000472091_00129_43770_2313.N1	14-JUL-2010 20:48:42	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	43770	No
259	GOM_NL__2PRFIN20100714_205154_000000522091_00129_43770_2314.N1	14-JUL-2010 20:51:54	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	43770	No
260	GOM_NL__2PRFIN20100714_205844_000000432091_00129_43770_2315.N1	14-JUL-2010 20:58:44	Bright	43.000	103	38Zet Sgr	2.6000	9700.0	86	43770	No
261	GOM_NL__2PRFIN20100714_210114_000000402091_00129_43770_2316.N1	14-JUL-2010 21:01:14	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	43770	No
262	GOM_NL__2PRFIN20100714_211201_000000412091_00129_43770_2317.N1	14-JUL-2010 21:12:01	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	43770	No
263	GOM_NL__2PRFIN20100714_211905_000000372091_00129_43770_2318.N1	14-JUL-2010 21:19:05	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	43770	No
264	GOM_NL__2PRFIN20100714_212223_000000392091_00129_43770_2319.N1	14-JUL-2010 21:22:23	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	43770	No
265	GOM_NL__2PRFIN20100714_212938_000000452091_00129_43770_2320.N1	14-JUL-2010 21:29:38	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43770	No
266	GOM_NL__2PRFIN20100714_213827_000000482091_00129_43770_2321.N1	14-JUL-2010 21:38:27	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	43770	No
267	GOM_NL__2PRFIN20100714_214321_000000432091_00129_43770_2322.N1	14-JUL-2010 21:43:21	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	43770	No
268	GOM_NL__2PRFIN20100714_214441_000000442091_00129_43770_2323.N1	14-JUL-2010 21:44:41	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	43770	No
269	GOM_NL__2PRFIN20100714_214736_000000472091_00129_43770_2324.N1	14-JUL-2010 21:47:36	Bright	47.000	79	26Bet Per	2.3100	13100.	94	43770	No
270	GOM_NL__2PRFIN20100714_215026_000000442091_00129_43770_2325.N1	14-JUL-2010 21:50:26	Twi_and_stray	44.000	150	44Zet Per	2.8900	28000.	88	43770	No
271	GOM_NL__2PRFIN20100714_215258_000000442091_00129_43770_2326.N1	14-JUL-2010 21:52:58	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	43770	No
272	GOM_NL__2PRFIN20100714_215433_000000482091_00129_43770_2327.N1	14-JUL-2010 21:54:33	Twilight	48.000	13	87Alp Tau	0.86700	3800.0	96	43770	No
273	GOM_NL__2PRFIN20100714_220045_000000592091_00129_43770_2328.N1	14-JUL-2010 22:00:45	Dark	58.500	94	92Alp Cet	2.5260	3100.0	117	43770	No
274	GOM_NL__2PRFIN20100714_220353_000000452091_00129_43770_2329.N1	14-JUL-2010 22:03:53	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	43770	No
275	GOM_NL__2PRFIN20100714_221250_000000392091_00129_43770_2330.N1	14-JUL-2010 22:12:50	Dark	39.000	157	The1Eri	2.9060	9300.0	78	43770	No
276	GOM_NL__2PRFIN20100714_221859_000000412091_00130_43771_2335.N1	14-JUL-2010 22:18:59	Dark	41.000	9	Alp Eri	0.45300	24000.	82	43771	No
277	GOM_NL__2PRFIN20100714_222147_000000572091_00130_43771_2336.N1	14-JUL-2010 22:21:47	Dark	57.000	84	Alp Phe	2.3970	4500.0	114	43771	No
278	GOM_NL__2PRFIN20100714_222741_000000622091_00130_43771_2337.N1	14-JUL-2010 22:27:41	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	43771	No

279	GOM_NL__2PRFIN20100714_222919_000000462091_00130_43771_2338.N1	14-JUL-2010 22:29:19	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	43771	No
280	GOM_NL__2PRFIN20100714_223231_000000522091_00130_43771_2339.N1	14-JUL-2010 22:32:31	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	43771	No
281	GOM_NL__2PRFIN20100714_223920_000000412091_00130_43771_2340.N1	14-JUL-2010 22:39:20	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	43771	No
282	GOM_NL__2PRFIN20100714_224150_000000412091_00130_43771_2341.N1	14-JUL-2010 22:41:50	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	43771	No
283	GOM_NL__2PRFIN20100714_225237_000000402091_00130_43771_2342.N1	14-JUL-2010 22:52:37	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	43771	No
284	GOM_NL__2PRFIN20100714_225940_000000422091_00130_43771_2343.N1	14-JUL-2010 22:59:40	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	43771	No
285	GOM_NL__2PRFIN20100714_230259_000000392091_00130_43771_2344.N1	14-JUL-2010 23:02:59	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	43771	No
286	GOM_NL__2PRFIN20100714_231014_000000442091_00130_43771_2345.N1	14-JUL-2010 23:10:14	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43771	No
287	GOM_NL__2PRFIN20100714_231902_000000472091_00130_43771_2346.N1	14-JUL-2010 23:19:02	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43771	No
288	GOM_NL__2PRFIN20100714_232357_000000422091_00130_43771_2347.N1	14-JUL-2010 23:23:57	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	43771	No
289	GOM_NL__2PRFIN20100714_232517_000000422091_00130_43771_2348.N1	14-JUL-2010 23:25:17	Bright	42.000	35	33Alp Per	1.7950	6250.0	84	43771	No
290	GOM_NL__2PRFIN20100714_232812_000000462091_00130_43771_2349.N1	14-JUL-2010 23:28:12	Bright	45.500	79	26Bet Per	2.3100	13100.	91	43771	No
291	GOM_NL__2PRFIN20100714_233102_000000452091_00130_43771_2350.N1	14-JUL-2010 23:31:02	Twilight	45.000	150	44Zet Per	2.8900	28000.	90	43771	No
292	GOM_NL__2PRFIN20100714_233334_000000452091_00130_43771_2351.N1	14-JUL-2010 23:33:34	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	43771	No
293	GOM_NL__2PRFIN20100714_233509_000000492091_00130_43771_2352.N1	14-JUL-2010 23:35:09	Twilight	49.000	13	87Alp Tau	0.86700	3800.0	98	43771	No
294	GOM_NL__2PRFIN20100714_234122_000000532091_00130_43771_2353.N1	14-JUL-2010 23:41:22	Dark	52.500	94	92Alp Cet	2.5260	3100.0	105	43771	No
295	GOM_NL__2PRFIN20100714_234430_000000462091_00130_43771_2354.N1	14-JUL-2010 23:44:30	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	43771	No
296	GOM_NL__2PRFIN20100714_235936_000000522091_00131_43772_2348.N1	14-JUL-2010 23:59:36	Dark	52.000	9	Alp Eri	0.45300	24000.	104	43772	No

### 3. Quality information per product

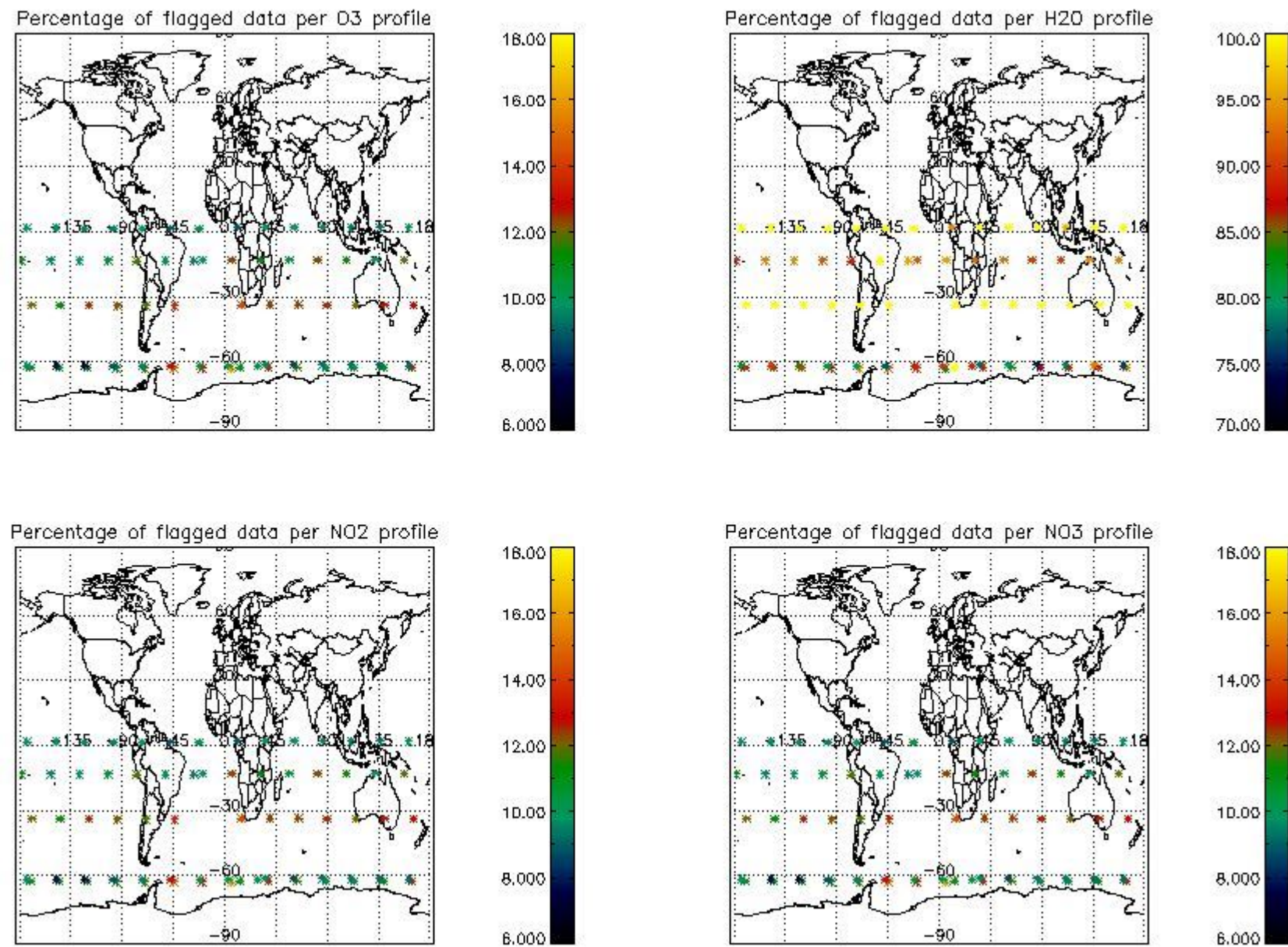
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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





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



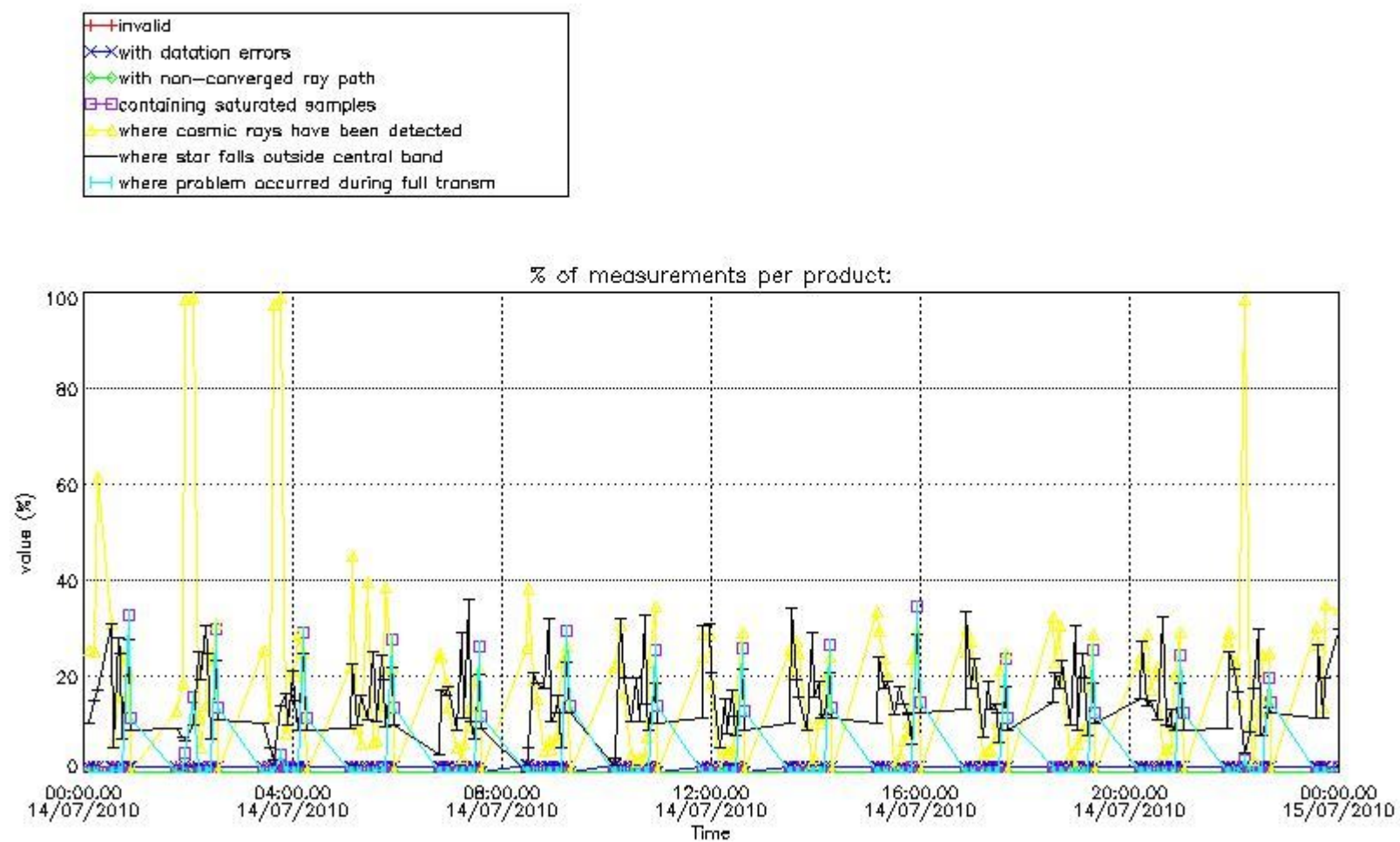
### 4. Level 1 quality information per product

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.

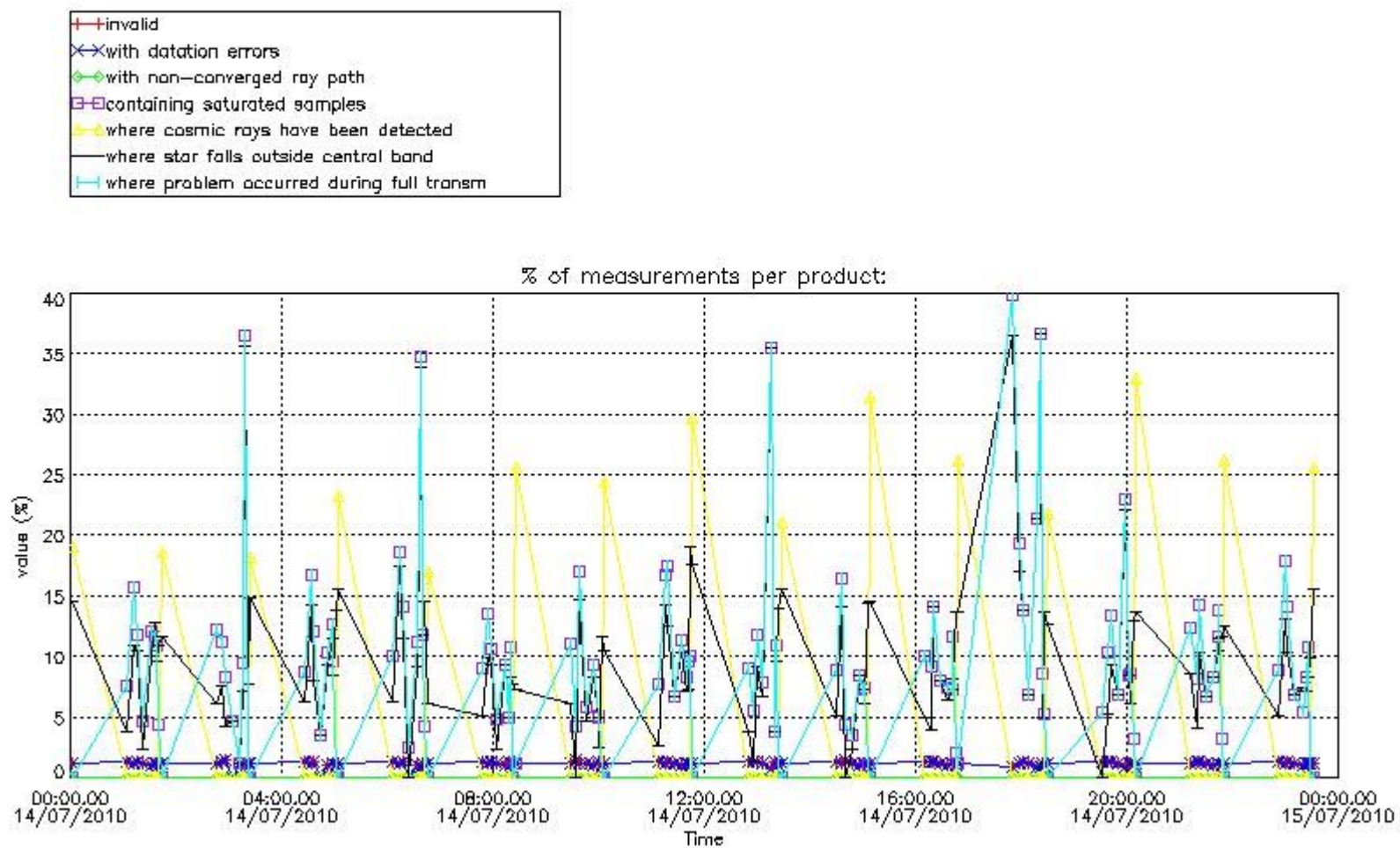
#### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



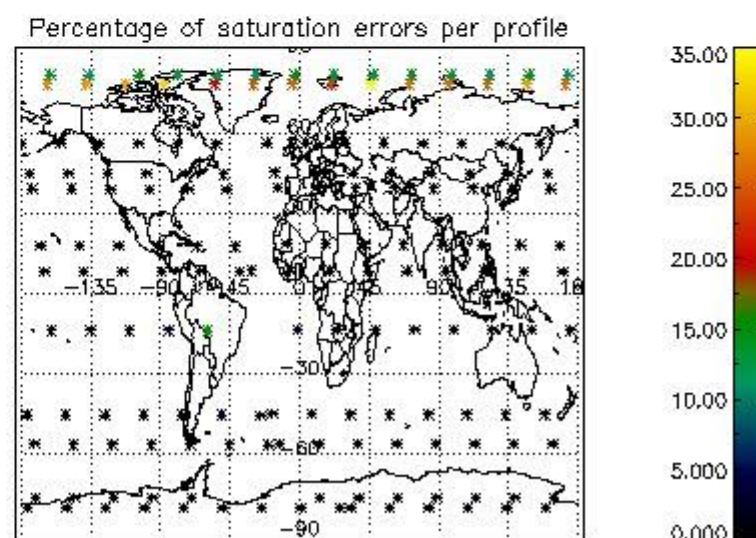
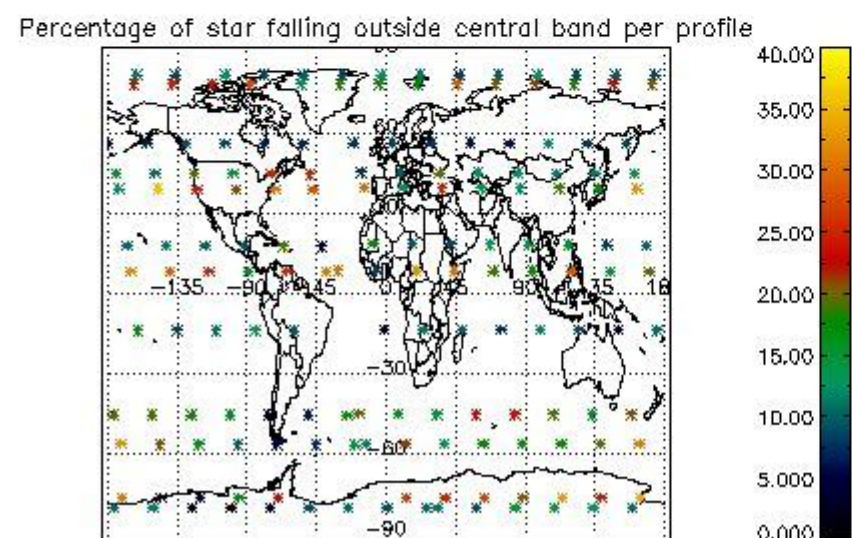
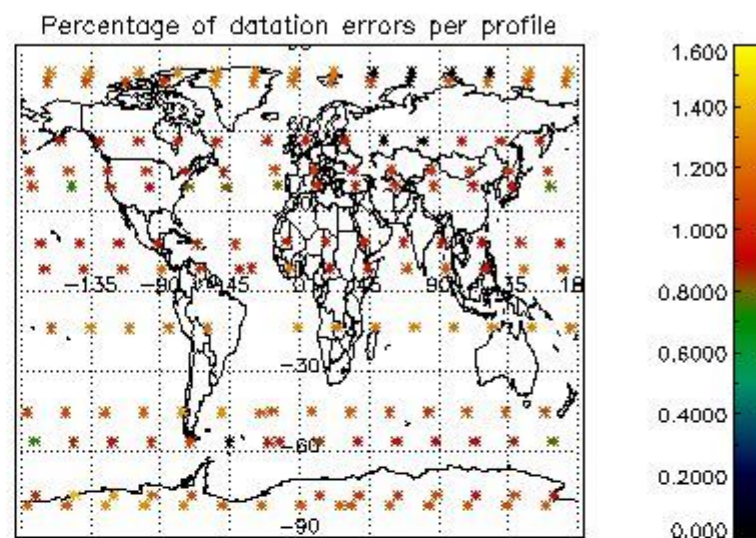
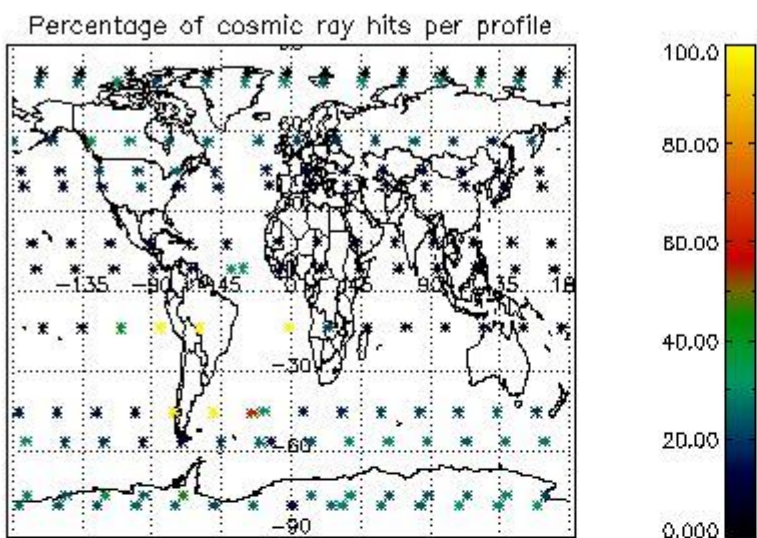


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



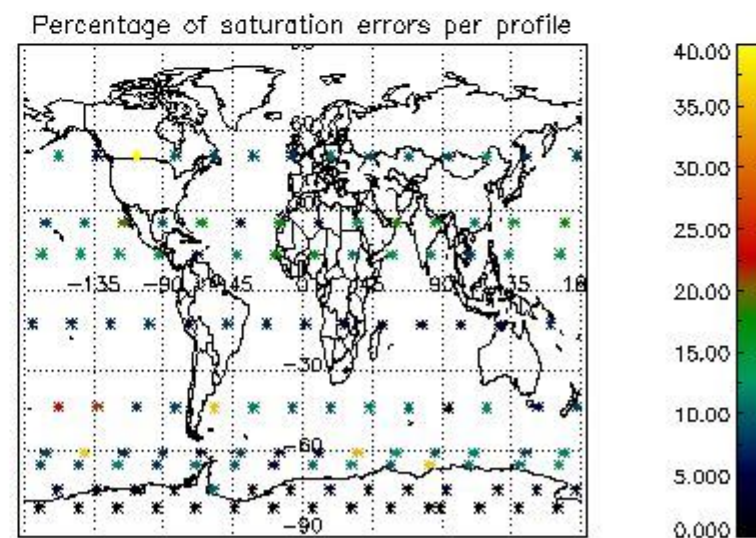
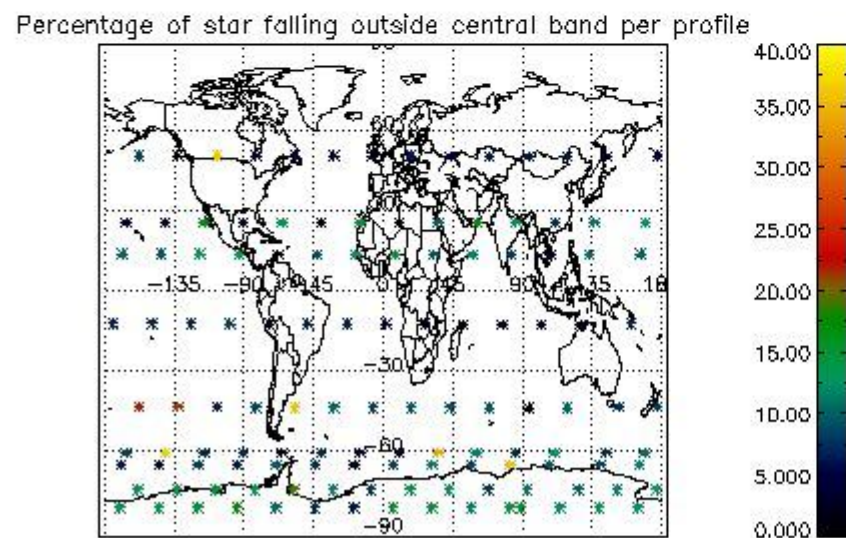
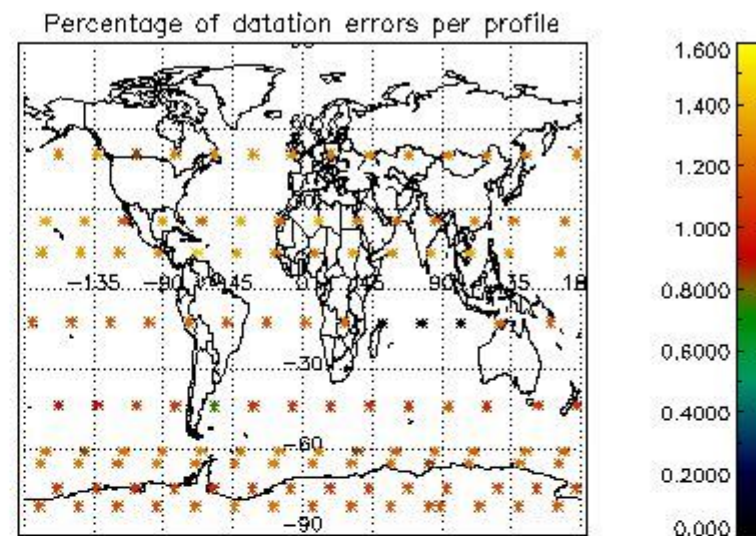
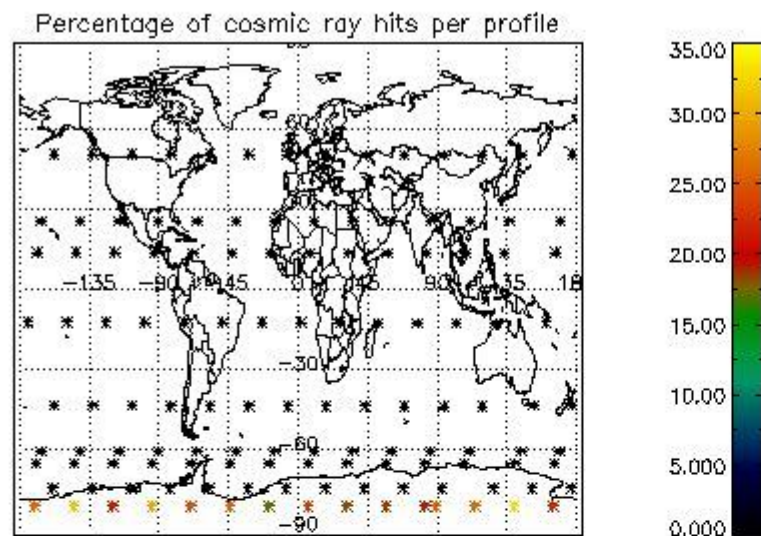
*4.2 Plot quality information per product coming from level 1b processing (world map)*

*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

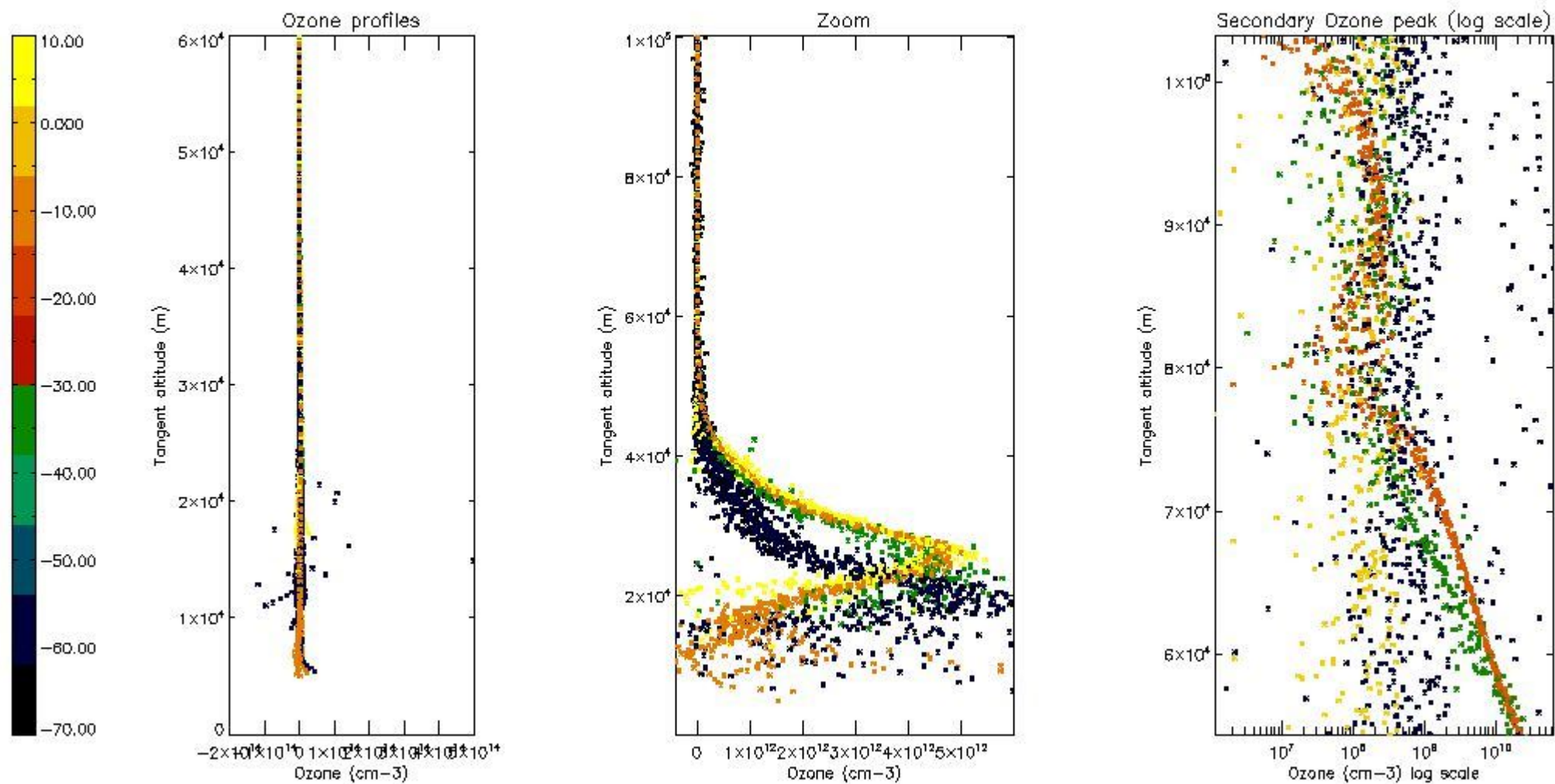
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	26
STD < 20	8

STD < 10	5
STD < 5	3

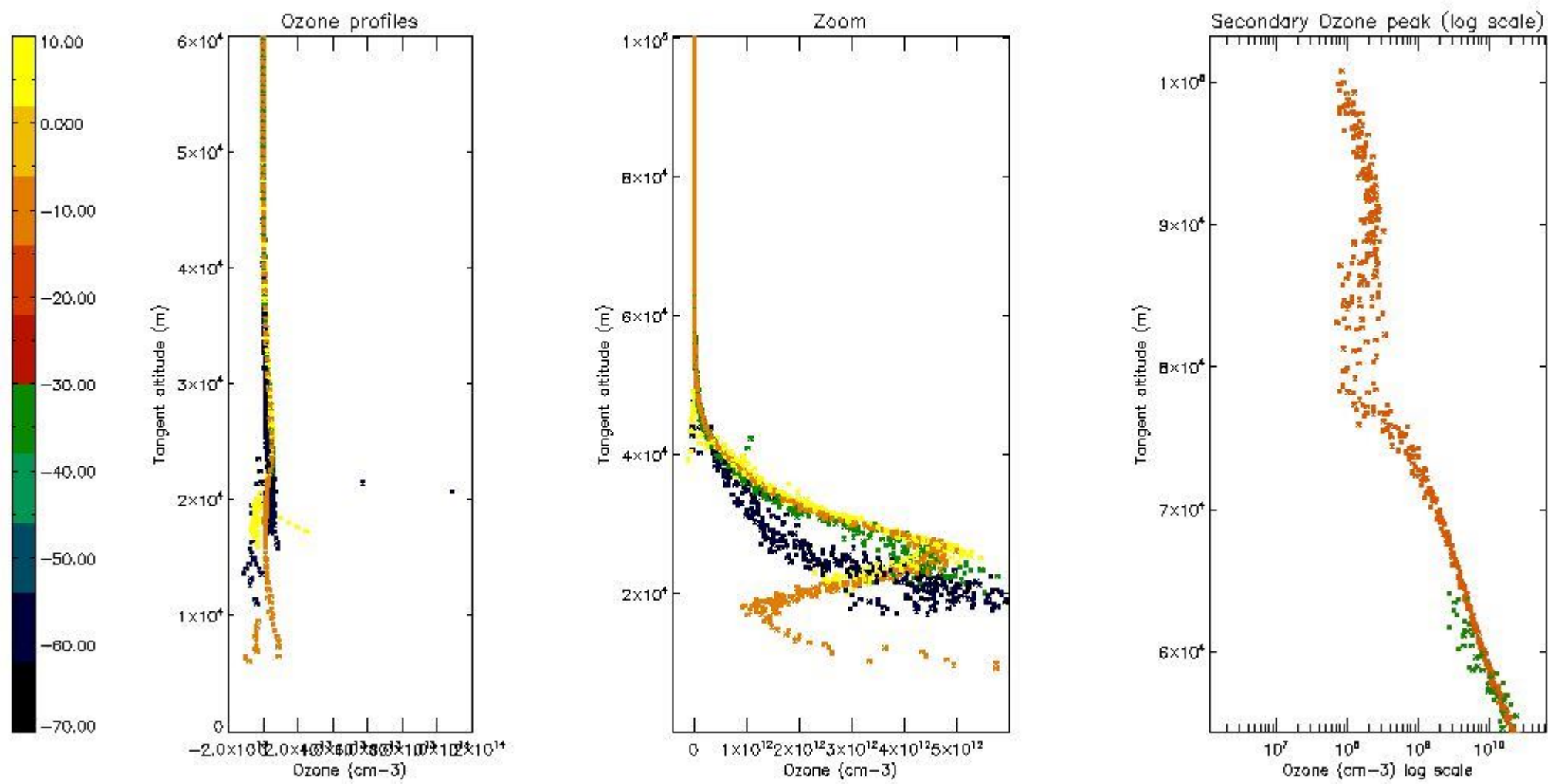
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

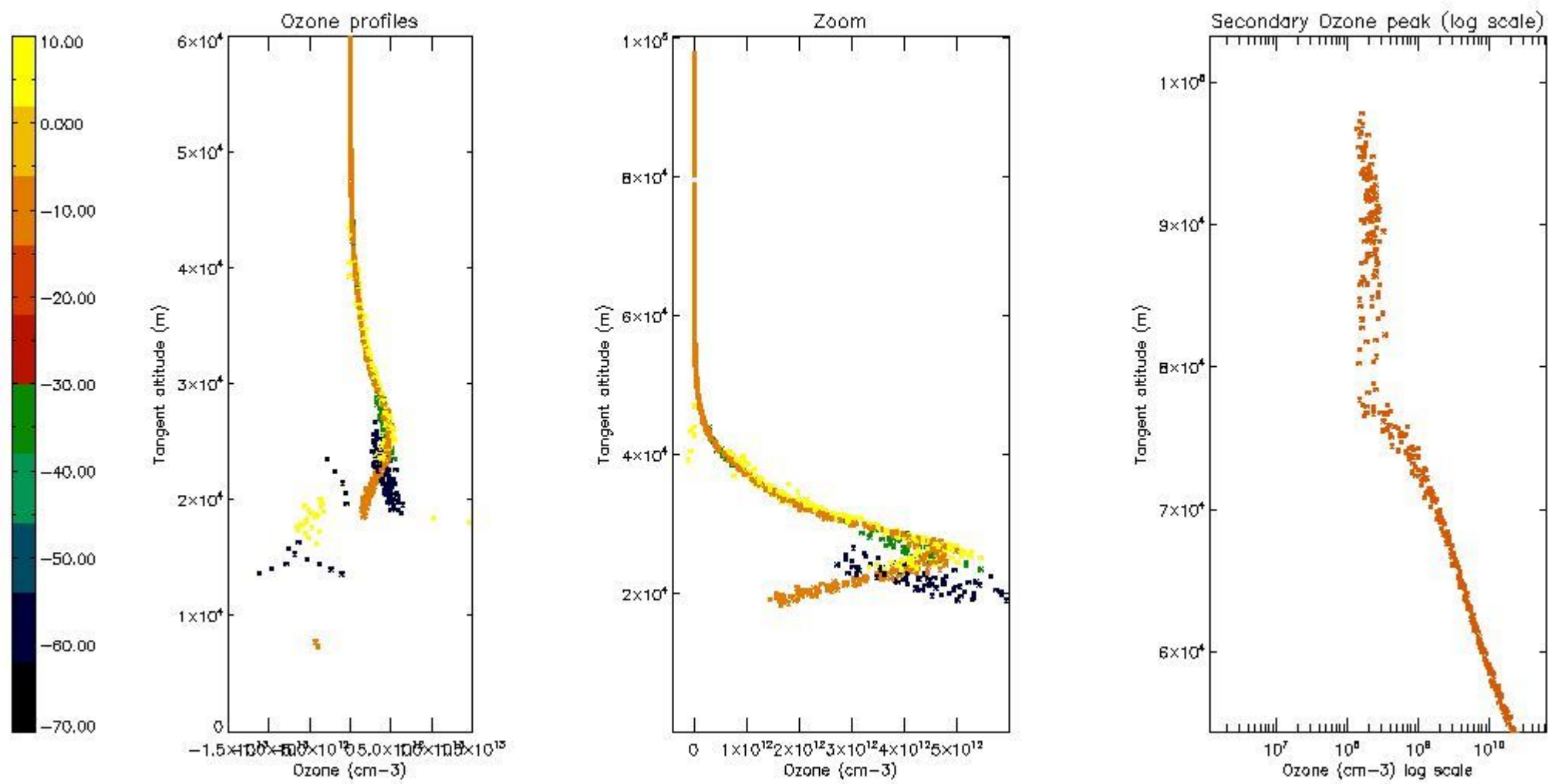
The colorbar represents the latitude.



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

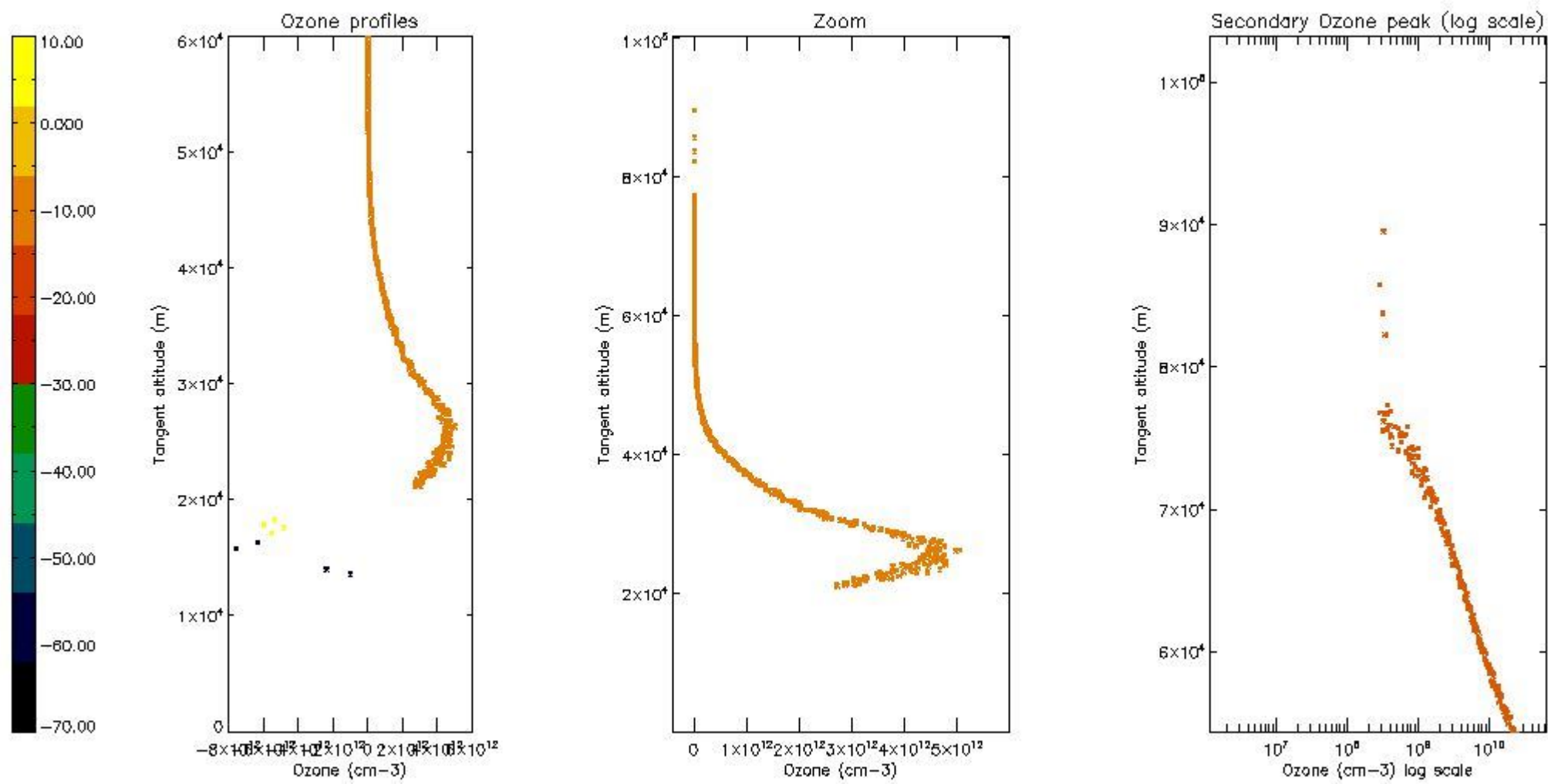
The colorbar represents the latitude.





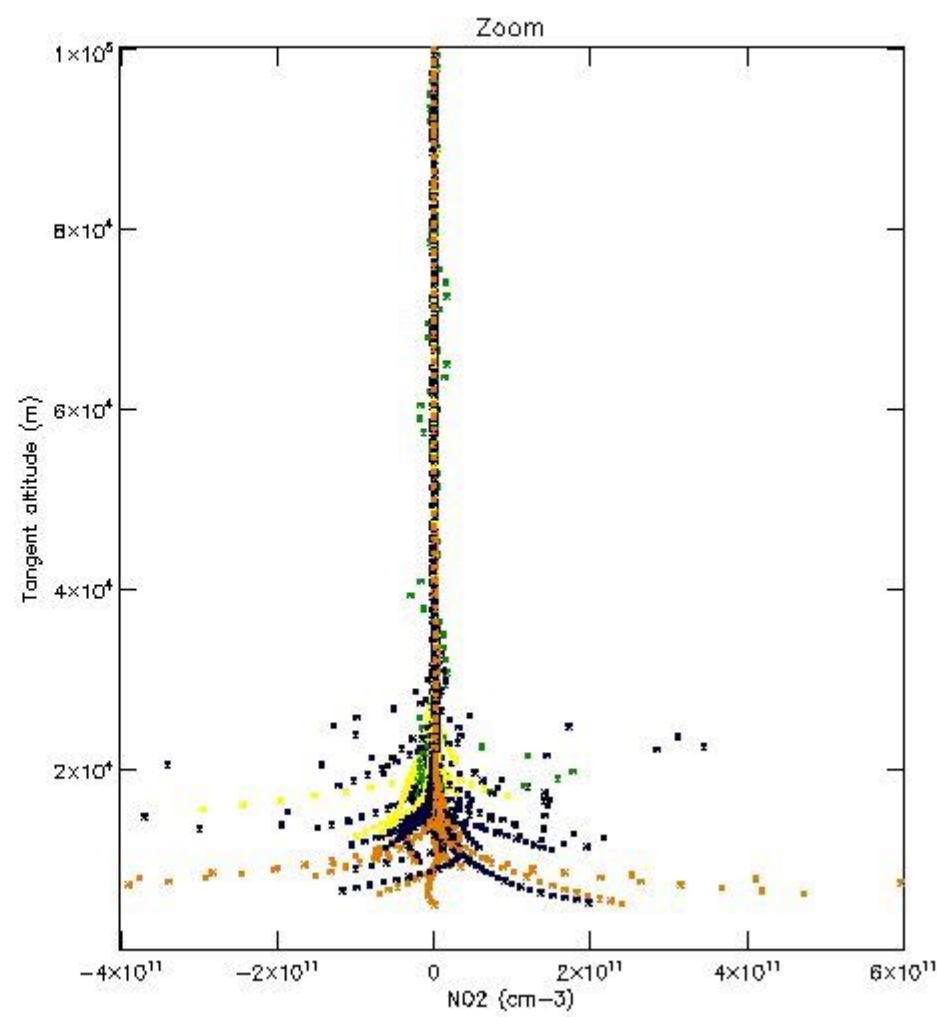
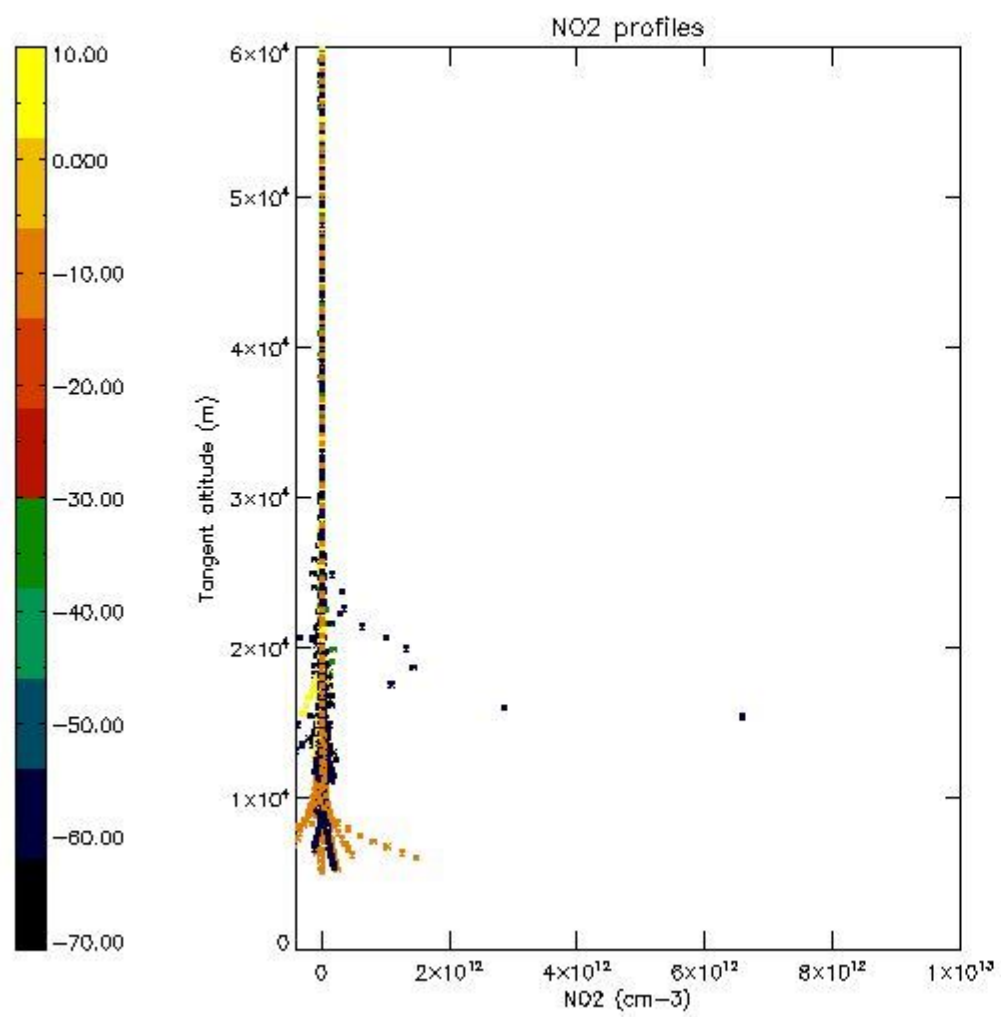
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

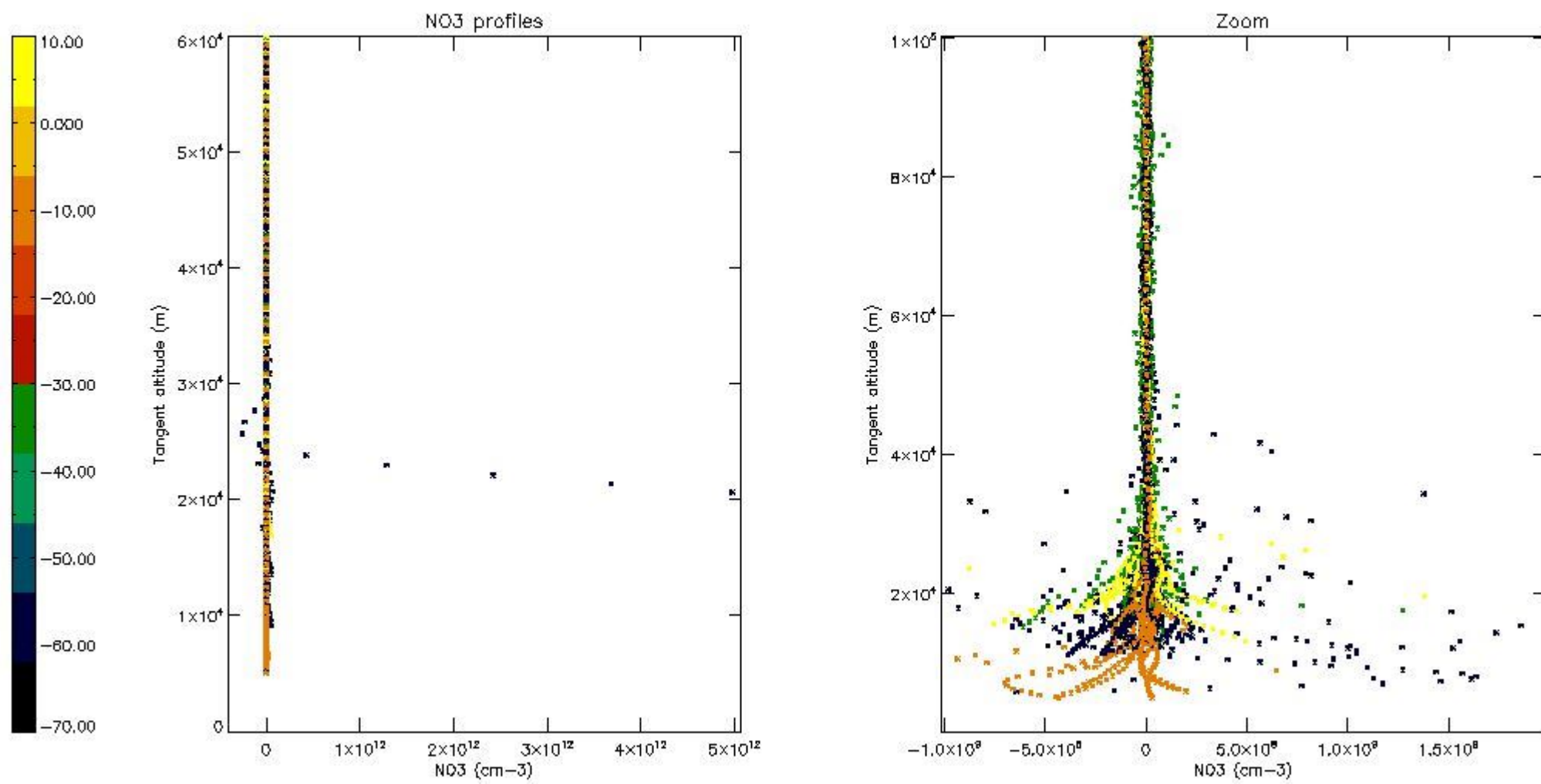
The colorbar represents the latitude.



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

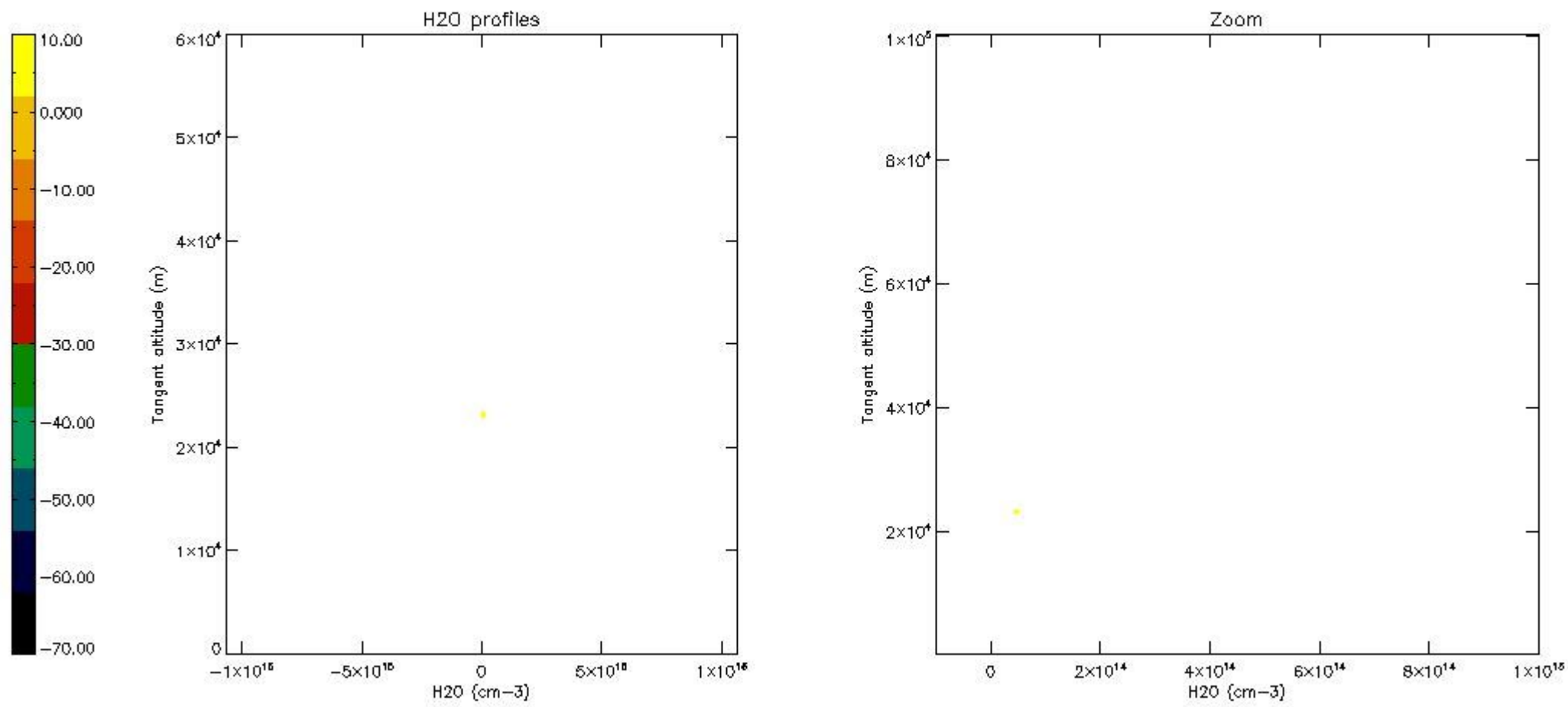
The colorbar represents the latitude.





*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	14-JUL-2010 00:02:37
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-JUL-2010 00:02:37
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-JUL-2010 00:02:37

# GOMOS Level 2 Daily Report

## SUMMARY

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

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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 13:00:41
Data source version	GOMOS/6.01
Start time of products	14-07-2010 (14JUL2010 00:00:00)
Stop time of products	15-07-2010 (15JUL2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	296
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__2PRFIN20100714_000237_000000452091_00116_43757_1975.N1	14-JUL-2010 00:02:37	Twilight	44.500	150	44Zet Per	2.8900	28000.	89	43757	No
2	GOM_NL__2PRFIN20100714_000508_000000442091_00116_43757_1976.N1	14-JUL-2010 00:05:08	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	43757	No
3	GOM_NL__2PRFIN20100714_001249_000000542091_00116_43757_1977.N1	14-JUL-2010 00:12:49	Dark	53.500	94	92Alp Cet	2.5260	3100.0	107	43757	No
4	GOM_NL__2PRFIN20100714_001600_000000442091_00116_43757_1978.N1	14-JUL-2010 00:16:00	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	43757	No
5	GOM_NL__2PRFIN20100714_003104_000000542091_00117_43758_2001.N1	14-JUL-2010 00:31:04	Dark	53.500	9	Alp Eri	0.45300	24000.	107	43758	No
6	GOM_NL__2PRFIN20100714_003345_000000492091_00117_43758_2002.N1	14-JUL-2010 00:33:45	Dark	49.000	84	Alp Phe	2.3970	4500.0	98	43758	No
7	GOM_NL__2PRFIN20100714_003942_000000612091_00117_43758_2003.N1	14-JUL-2010 00:39:42	Straylight	60.500	63	Bet Gru	2.1500	2800.0	121	43758	No
8	GOM_NL__2PRFIN20100714_004121_000000572091_00117_43758_2004.N1	14-JUL-2010 00:41:21	Straylight	57.000	31	Alp Gru	1.7340	15200.	114	43758	No
9	GOM_NL__2PRFIN20100714_004434_000000522091_00117_43758_2005.N1	14-JUL-2010 00:44:34	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	43758	No
10	GOM_NL__2PRFIN20100714_005130_000000492091_00117_43758_2006.N1	14-JUL-2010 00:51:30	Bright	49.000	103	38Zet Sgr	2.6000	9700.0	98	43758	No
11	GOM_NL__2PRFIN20100714_005401_000000402091_00117_43758_2007.N1	14-JUL-2010 00:54:01	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	43758	No
12	GOM_NL__2PRFIN20100714_010452_000000402091_00117_43758_2008.N1	14-JUL-2010 01:04:52	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	43758	No
13	GOM_NL__2PRFIN20100714_011156_000000422091_00117_43758_2009.N1	14-JUL-2010 01:11:56	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	43758	No
14	GOM_NL__2PRFIN20100714_011513_000000382091_00117_43758_2010.N1	14-JUL-2010 01:15:13	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	43758	No
15	GOM_NL__2PRFIN20100714_012234_000000432091_00117_43758_2011.N1	14-JUL-2010 01:22:34	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43758	No
16	GOM_NL__2PRFIN20100714_013122_000000502091_00117_43758_2012.N1	14-JUL-2010 01:31:22	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	43758	No
17	GOM_NL__2PRFIN20100714_013612_000000432091_00117_43758_2013.N1	14-JUL-2010 01:36:12	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	43758	No
18	GOM_NL__2PRFIN20100714_013731_000000422091_00117_43758_2014.N1	14-JUL-2010 01:37:31	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	43758	No
19	GOM_NL__2PRFIN20100714_014025_000000462091_00117_43758_2015.N1	14-JUL-2010 01:40:25	Bright	46.000	79	26Bet Per	2.3100	13100.	92	43758	No
20	GOM_NL__2PRFIN20100714_014313_000000432091_00117_43758_2016.N1	14-JUL-2010 01:43:13	Twilight	43.000	150	44Zet Per	2.8900	28000.	86	43758	No
21	GOM_NL__2PRFIN20100714_014544_000000442091_00117_43758_2017.N1	14-JUL-2010 01:45:44	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	43758	No
22	GOM_NL__2PRFIN20100714_015326_000000492091_00117_43758_2018.N1	14-JUL-2010 01:53:26	Dark	48.500	94	92Alp Cet	2.5260	3100.0	97	43758	No
23	GOM_NL__2PRFIN20100714_015636_000000392091_00117_43758_2019.N1	14-JUL-2010 01:56:36	Dark	39.000	165	34Gam Eri	2.9500	3200.0	78	43758	No
24	GOM_NL__2PRFIN20100714_020531_000000422091_00117_43758_2020.N1	14-JUL-2010 02:05:31	Dark	41.500	157	The1Eri	2.9060	9300.0	83	43758	No
25	GOM_NL__2PRFIN20100714_021141_000000502091_00118_43759_2009.N1	14-JUL-2010 02:11:41	Dark	49.500	9	Alp Eri	0.45300	24000.	99	43759	No
26	GOM_NL__2PRFIN20100714_021422_000000582091_00118_43759_2010.N1	14-JUL-2010 02:14:22	Dark	57.500	84	Alp Phe	2.3970	4500.0	115	43759	No
27	GOM_NL__2PRFIN20100714_022019_000000622091_00118_43759_2011.N1	14-JUL-2010 02:20:19	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	43759	No
28	GOM_NL__2PRFIN20100714_022158_000000572091_00118_43759_2012.N1	14-JUL-2010 02:21:58	Straylight	56.500	31	Alp Gru	1.7340	15200.	113	43759	No
29	GOM_NL__2PRFIN20100714_022510_000000522091_00118_43759_2013.N1	14-JUL-2010 02:25:10	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	43759	No
30	GOM_NL__2PRFIN20100714_023206_000000472091_00118_43759_2014.N1	14-JUL-2010 02:32:06	Bright	47.000	103	38Zet Sgr	2.6000	9700.0	94	43759	No
31	GOM_NL__2PRFIN20100714_023437_000000412091_00118_43759_2015.N1	14-JUL-2010 02:34:37	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	43759	No
32	GOM_NL__2PRFIN20100714_024528_000000412091_00118_43759_2016.N1	14-JUL-2010 02:45:28	Bright	41.000	168	17Zet Aql	2.9860	11000.	82	43759	No
33	GOM_NL__2PRFIN20100714_025231_000000402091_00118_43759_2017.N1	14-JUL-2010 02:52:31	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	43759	No
34	GOM_NL__2PRFIN20100714_025549_000000362091_00118_43759_2018.N1	14-JUL-2010 02:55:49	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	43759	No
35	GOM_NL__2PRFIN20100714_030309_000000432091_00118_43759_2019.N1	14-JUL-2010 03:03:09	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43759	No
36	GOM_NL__2PRFIN20100714_031157_000000442091_00118_43759_2020.N1	14-JUL-2010 03:11:57	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	43759	No
37	GOM_NL__2PRFIN20100714_031648_000000422091_00118_43759_2021.N1	14-JUL-2010 03:16:48	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	43759	No
38	GOM_NL__2PRFIN20100714_031807_000000592091_00118_43759_2022.N1	14-JUL-2010 03:18:07	Bright	59.000	35	33Alp Per	1.7950	6250.0	118	43759	No
39	GOM_NL__2PRFIN20100714_032101_000000452091_00118_43759_2023.N1	14-JUL-2010 03:21:01	Bright	45.000	79	26Bet Per	2.3100	13100.	90	43759	No
40	GOM_NL__2PRFIN20100714_032349_000000442091_00118_43759_2024.N1	14-JUL-2010 03:23:49	Twilight	44.000	150	44Zet Per	2.8900	28000.	88	43759	No
41	GOM_NL__2PRFIN20100714_032620_000000442091_00118_43759_2025.N1	14-JUL-2010 03:26:20	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	43759	No
42	GOM_NL__2PRFIN20100714_033402_000000482091_00118_43759_2026.N1	14-JUL-2010 03:34:02	Dark	47.500	94	92Alp Cet	2.5260	3100.0	95	43759	No

43	GOM_NL__2PRFIN20100714_033713_000000382091_00118_43759_2027.N1	14-JUL-2010 03:37:13	Dark	37.500	165	34Gam Eri	2.9500	3200.0	75	43759	No
44	GOM_NL__2PRFIN20100714_034607_000000432091_00118_43759_2028.N1	14-JUL-2010 03:46:07	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43759	No
45	GOM_NL__2PRFIN20100714_035218_000000432091_00119_43760_1978.N1	14-JUL-2010 03:52:18	Dark	43.000	9	Alp Eri	0.45300	24000.	86	43760	No
46	GOM_NL__2PRFIN20100714_035459_000000512091_00119_43760_1979.N1	14-JUL-2010 03:54:59	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	43760	No
47	GOM_NL__2PRFIN20100714_040056_000000552091_00119_43760_1980.N1	14-JUL-2010 04:00:56	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	43760	No
48	GOM_NL__2PRFIN20100714_040235_000000502091_00119_43760_1981.N1	14-JUL-2010 04:02:35	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	43760	No
49	GOM_NL__2PRFIN20100714_040547_000000522091_00119_43760_1982.N1	14-JUL-2010 04:05:47	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	43760	No
50	GOM_NL__2PRFIN20100714_041242_000000472091_00119_43760_1983.N1	14-JUL-2010 04:12:42	Bright	46.500	103	38Zet Sgr	2.6000	9700.0	93	43760	No
51	GOM_NL__2PRFIN20100714_041513_000000402091_00119_43760_1984.N1	14-JUL-2010 04:15:13	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	43760	No
52	GOM_NL__2PRFIN20100714_042603_000000402091_00119_43760_1985.N1	14-JUL-2010 04:26:03	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	43760	No
53	GOM_NL__2PRFIN20100714_043308_000000422091_00119_43760_1986.N1	14-JUL-2010 04:33:08	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	43760	No
54	GOM_NL__2PRFIN20100714_043624_000000382091_00119_43760_1987.N1	14-JUL-2010 04:36:24	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	43760	No
55	GOM_NL__2PRFIN20100714_044345_000000432091_00119_43760_1988.N1	14-JUL-2010 04:43:45	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43760	No
56	GOM_NL__2PRFIN20100714_045233_000000492091_00119_43760_1989.N1	14-JUL-2010 04:52:33	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	43760	No
57	GOM_NL__2PRFIN20100714_045723_000000442091_00119_43760_1990.N1	14-JUL-2010 04:57:23	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	43760	No
58	GOM_NL__2PRFIN20100714_045842_000000422091_00119_43760_1991.N1	14-JUL-2010 04:58:42	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	43760	No
59	GOM_NL__2PRFIN20100714_050137_000000472091_00119_43760_1992.N1	14-JUL-2010 05:01:37	Bright	47.000	79	26Bet Per	2.3100	13100.	94	43760	No
60	GOM_NL__2PRFIN20100714_050425_000000452091_00119_43760_1993.N1	14-JUL-2010 05:04:25	Twi_and_stray	45.000	150	44Zet Per	2.8900	28000.	90	43760	No
61	GOM_NL__2PRFIN20100714_050657_000000442091_00119_43760_1994.N1	14-JUL-2010 05:06:57	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	43760	No
62	GOM_NL__2PRFIN20100714_050831_000000472091_00119_43760_1995.N1	14-JUL-2010 05:08:31	Twilight	46.500	13	87Alp Tau	0.86700	3800.0	93	43760	No
63	GOM_NL__2PRFIN20100714_051439_000000512091_00119_43760_1996.N1	14-JUL-2010 05:14:39	Dark	50.500	94	92Alp Cet	2.5260	3100.0	101	43760	No
64	GOM_NL__2PRFIN20100714_051749_000000442091_00119_43760_1997.N1	14-JUL-2010 05:17:49	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	43760	No
65	GOM_NL__2PRFIN20100714_052644_000000422091_00119_43760_1998.N1	14-JUL-2010 05:26:44	Dark	41.500	157	The1Eri	2.9060	9300.0	83	43760	No
66	GOM_NL__2PRFIN20100714_053254_000000482091_00120_43761_1986.N1	14-JUL-2010 05:32:54	Dark	48.000	9	Alp Eri	0.45300	24000.	96	43761	No
67	GOM_NL__2PRFIN20100714_053536_000000532091_00120_43761_1987.N1	14-JUL-2010 05:35:36	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	43761	No
68	GOM_NL__2PRFIN20100714_054133_000000582091_00120_43761_1988.N1	14-JUL-2010 05:41:33	Straylight	57.500	63	Bet Gru	2.1500	2800.0	115	43761	No
69	GOM_NL__2PRFIN20100714_054312_000000522091_00120_43761_1989.N1	14-JUL-2010 05:43:12	Straylight	52.000	31	Alp Gru	1.7340	15200.	104	43761	No
70	GOM_NL__2PRFIN20100714_054624_000000532091_00120_43761_1990.N1	14-JUL-2010 05:46:24	Straylight	53.000	172	Gam Gru	3.0030	13100.	106	43761	No
71	GOM_NL__2PRFIN20100714_055319_000000462091_00120_43761_1991.N1	14-JUL-2010 05:53:19	Bright	45.500	103	38Zet Sgr	2.6000	9700.0	91	43761	No
72	GOM_NL__2PRFIN20100714_055549_000000412091_00120_43761_1992.N1	14-JUL-2010 05:55:49	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	43761	No
73	GOM_NL__2PRFIN20100714_060640_000000402091_00120_43761_1993.N1	14-JUL-2010 06:06:40	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	43761	No
74	GOM_NL__2PRFIN20100714_061343_000000432091_00120_43761_1994.N1	14-JUL-2010 06:13:43	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	43761	No
75	GOM_NL__2PRFIN20100714_061700_000000392091_00120_43761_1995.N1	14-JUL-2010 06:17:00	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	43761	No
76	GOM_NL__2PRFIN20100714_062420_000000412091_00120_43761_1996.N1	14-JUL-2010 06:24:20	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	43761	No
77	GOM_NL__2PRFIN20100714_063308_000000492091_00120_43761_1997.N1	14-JUL-2010 06:33:08	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	43761	No
78	GOM_NL__2PRFIN20100714_063759_000000592091_00120_43761_1998.N1	14-JUL-2010 06:37:59	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	43761	No
79	GOM_NL__2PRFIN20100714_063918_000000432091_00120_43761_1999.N1	14-JUL-2010 06:39:18	Bright	42.500	35	33Alp Per	1.7950	6250.0	85	43761	No
80	GOM_NL__2PRFIN20100714_064213_000000482091_00120_43761_2000.N1	14-JUL-2010 06:42:13	Bright	48.000	79	26Bet Per	2.3100	13100.	96	43761	No
81	GOM_NL__2PRFIN20100714_064502_000000412091_00120_43761_2001.N1	14-JUL-2010 06:45:02	Twi_and_stray	41.000	150	44Zet Per	2.8900	28000.	82	43761	No
82	GOM_NL__2PRFIN20100714_064733_000000412091_00120_43761_2002.N1	14-JUL-2010 06:47:33	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	43761	No
83	GOM_NL__2PRFIN20100714_064907_000000442091_00120_43761_2003.N1	14-JUL-2010 06:49:07	Twilight	43.500	13	87Alp Tau	0.86700	3800.0	87	43761	No
84	GOM_NL__2PRFIN20100714_065516_000000542091_00120_43761_2004.N1	14-JUL-2010 06:55:16	Dark	53.500	94	92Alp Cet	2.5260	3100.0	107	43761	No
85	GOM_NL__2PRFIN20100714_065826_000000452091_00120_43761_2005.N1	14-JUL-2010 06:58:26	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	43761	No
86	GOM_NL__2PRFIN20100714_070721_000000412091_00120_43761_2006.N1	14-JUL-2010 07:07:21	Dark	40.500	157	The1Eri	2.9060	9300.0	81	43761	No
87	GOM_NL__2PRFIN20100714_071331_000000522091_00121_43762_2016.N1	14-JUL-2010 07:13:31	Dark	51.500	9	Alp Eri	0.45300	24000.	103	43762	No
88	GOM_NL__2PRFIN20100714_071614_000000532091_00121_43762_2017.N1	14-JUL-2010 07:16:14	Dark	52.500	84	Alp Phe	2.3970	4500.0	105	43762	No
89	GOM_NL__2PRFIN20100714_072210_000000672091_00121_43762_2018.N1	14-JUL-2010 07:22:10	Straylight	67.000	63	Bet Gru	2.1500	2800.0	134	43762	No
90	GOM_NL__2PRFIN20100714_072348_000000472091_00121_43762_2019.N1	14-JUL-2010 07:23:48	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	43762	No
91	GOM_NL__2PRFIN20100714_072701_000000522091_00121_43762_2020.N1	14-JUL-2010 07:27:01	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	43762	No
92	GOM_NL__2PRFIN20100714_073355_000000442091_00121_43762_2021.N1	14-JUL-2010 07:33:55	Bright	44.000	103	38Zet Sgr	2.6000	9700.0	88	43762	No
93	GOM_NL__2PRFIN20100714_073626_000000392091_00121_43762_2022.N1	14-JUL-2010 07:36:26	Bright	39.000	155	41Pi Sgr	2.9000	6600.0	78	43762	No
94	GOM_NL__2PRFIN20100714_074716_000000392091_00121_43762_2023.N1	14-JUL-2010 07:47:16	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	43762	No
95	GOM_NL__2PRFIN20100714_075419_000000412091_00121_43762_2024.N1	14-JUL-2010 07:54:19	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	43762	No
96	GOM_NL__2PRFIN20100714_075736_000000382091_00121_43762_2025.N1	14-JUL-2010 07:57:36	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	43762	No
97	GOM_NL__2PRFIN20100714_080456_000000422091_00121_43762_2026.N1	14-JUL-2010 08:04:56	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43762	No
98	GOM_NL__2PRFIN20100714_081343_000000482091_00121_43762_2027.N1	14-JUL-2010 08:13:43	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	43762	No
99	GOM_NL__2PRFIN20100714_081835_000000402091_00121_43762_2028.N1	14-JUL-2010 08:18:35	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	43762	No
100	GOM_NL__2PRFIN20100714_081954_000000422091_00121_43762_2029.N1	14-JUL-2010 08:19:54	Bright	42.000	35	33Alp Per	1.7950	6250.0	84	43762	No
101	GOM_NL__2PRFIN20100714_082249_000000452091_00121_43762_2030.N1	14-JUL-2010 08:22:49	Bright	45.000	79	26Bet Per	2.3100	13100.	90	43762	No

102	GOM_NL__2PRFIN20100714_082538_000000412091_00121_43762_2031.N1	14-JUL-2010 08:25:38	Twilight	41.000	150	44Zet Per	2.8900	28000.	82	43762	No
103	GOM_NL__2PRFIN20100714_082809_000000392091_00121_43762_2032.N1	14-JUL-2010 08:28:09	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	43762	No
104	GOM_NL__2PRFIN20100714_082944_000000382091_00121_43762_2033.N1	14-JUL-2010 08:29:44	Twilight	38.000	13	87Alp Tau	0.86700	3800.0	76	43762	No
105	GOM_NL__2PRFIN20100714_083552_000000582091_00121_43762_2034.N1	14-JUL-2010 08:35:52	Dark	57.500	94	92Alp Cet	2.5260	3100.0	115	43762	No
106	GOM_NL__2PRFIN20100714_083902_000000462091_00121_43762_2035.N1	14-JUL-2010 08:39:02	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	43762	No
107	GOM_NL__2PRFIN20100714_084757_000000462091_00121_43762_2036.N1	14-JUL-2010 08:47:57	Dark	45.500	157	The1Eri	2.9060	9300.0	91	43762	No
108	GOM_NL__2PRFIN20100714_085408_000000532091_00122_43763_2026.N1	14-JUL-2010 08:54:08	Dark	53.000	9	Alp Eri	0.45300	24000.	106	43763	No
109	GOM_NL__2PRFIN20100714_085651_000000522091_00122_43763_2027.N1	14-JUL-2010 08:56:51	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	43763	No
110	GOM_NL__2PRFIN20100714_090247_000000492091_00122_43763_2028.N1	14-JUL-2010 09:02:47	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	43763	No
111	GOM_NL__2PRFIN20100714_090425_000000512091_00122_43763_2029.N1	14-JUL-2010 09:04:25	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	43763	No
112	GOM_NL__2PRFIN20100714_090737_000000502091_00122_43763_2030.N1	14-JUL-2010 09:07:37	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	43763	No
113	GOM_NL__2PRFIN20100714_091431_000000462091_00122_43763_2031.N1	14-JUL-2010 09:14:31	Bright	46.000	103	38Zet Sgr	2.6000	9700.0	92	43763	No
114	GOM_NL__2PRFIN20100714_091702_000000402091_00122_43763_2032.N1	14-JUL-2010 09:17:02	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	43763	No
115	GOM_NL__2PRFIN20100714_092751_000000412091_00122_43763_2033.N1	14-JUL-2010 09:27:51	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	43763	No
116	GOM_NL__2PRFIN20100714_093454_000000362091_00122_43763_2034.N1	14-JUL-2010 09:34:54	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	43763	No
117	GOM_NL__2PRFIN20100714_093812_000000412091_00122_43763_2035.N1	14-JUL-2010 09:38:12	Bright	41.000	69	33Gam Dra	2.2310	3800.0	82	43763	No
118	GOM_NL__2PRFIN20100714_094531_000000432091_00122_43763_2036.N1	14-JUL-2010 09:45:31	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	43763	No
119	GOM_NL__2PRFIN20100714_095419_000000482091_00122_43763_2037.N1	14-JUL-2010 09:54:19	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	43763	No
120	GOM_NL__2PRFIN20100714_095911_000000402091_00122_43763_2038.N1	14-JUL-2010 09:59:11	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	43763	No
121	GOM_NL__2PRFIN20100714_100030_000000402091_00122_43763_2039.N1	14-JUL-2010 10:00:30	Bright	39.500	35	33Alp Per	1.7950	6250.0	79	43763	No
122	GOM_NL__2PRFIN20100714_100325_000000472091_00122_43763_2040.N1	14-JUL-2010 10:03:25	Bright	47.000	79	26Bet Per	2.3100	13100.	94	43763	No
123	GOM_NL__2PRFIN20100714_100614_000000432091_00122_43763_2041.N1	14-JUL-2010 10:06:14	Twilight	43.000	150	44Zet Per	2.8900	28000.	86	43763	No
124	GOM_NL__2PRFIN20100714_100845_000000392091_00122_43763_2042.N1	14-JUL-2010 10:08:45	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	43763	No
125	GOM_NL__2PRFIN20100714_101020_000000362091_00122_43763_2043.N1	14-JUL-2010 10:10:20	Twilight	35.500	13	87Alp Tau	0.86700	3800.0	71	43763	No
126	GOM_NL__2PRFIN20100714_101629_000000672091_00122_43763_2044.N1	14-JUL-2010 10:16:29	Dark	67.000	94	92Alp Cet	2.5260	3100.0	134	43763	No
127	GOM_NL__2PRFIN20100714_101938_000000462091_00122_43763_2045.N1	14-JUL-2010 10:19:38	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	43763	No
128	GOM_NL__2PRFIN20100714_102834_000000422091_00122_43763_2046.N1	14-JUL-2010 10:28:34	Dark	42.000	157	The1Eri	2.9060	9300.0	84	43763	No
129	GOM_NL__2PRFIN20100714_103444_000000462091_00123_43764_2115.N1	14-JUL-2010 10:34:44	Dark	45.500	9	Alp Eri	0.45300	24000.	91	43764	No
130	GOM_NL__2PRFIN20100714_103728_000000522091_00123_43764_2116.N1	14-JUL-2010 10:37:28	Dark	52.000	84	Alp Phe	2.3970	4500.0	104	43764	No
131	GOM_NL__2PRFIN20100714_104323_000000652091_00123_43764_2117.N1	14-JUL-2010 10:43:23	Straylight	64.500	63	Bet Gru	2.1500	2800.0	129	43764	No
132	GOM_NL__2PRFIN20100714_104502_000000492091_00123_43764_2118.N1	14-JUL-2010 10:45:02	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	43764	No
133	GOM_NL__2PRFIN20100714_104814_000000532091_00123_43764_2119.N1	14-JUL-2010 10:48:14	Straylight	52.500	172	Gam Gru	3.0030	13100.	105	43764	No
134	GOM_NL__2PRFIN20100714_105507_000000442091_00123_43764_2120.N1	14-JUL-2010 10:55:07	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	43764	No
135	GOM_NL__2PRFIN20100714_105738_000000402091_00123_43764_2121.N1	14-JUL-2010 10:57:38	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	43764	No
136	GOM_NL__2PRFIN20100714_110826_000000392091_00123_43764_2122.N1	14-JUL-2010 11:08:26	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	43764	No
137	GOM_NL__2PRFIN20100714_111530_000000422091_00123_43764_2123.N1	14-JUL-2010 11:15:30	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	43764	No
138	GOM_NL__2PRFIN20100714_111848_000000402091_00123_43764_2124.N1	14-JUL-2010 11:18:48	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	43764	No
139	GOM_NL__2PRFIN20100714_112606_000000452091_00123_43764_2125.N1	14-JUL-2010 11:26:06	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43764	No
140	GOM_NL__2PRFIN20100714_113454_000000492091_00123_43764_2126.N1	14-JUL-2010 11:34:54	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	43764	No
141	GOM_NL__2PRFIN20100714_113947_000000422091_00123_43764_2127.N1	14-JUL-2010 11:39:47	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	43764	No
142	GOM_NL__2PRFIN20100714_114106_000000422091_00123_43764_2128.N1	14-JUL-2010 11:41:06	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	43764	No
143	GOM_NL__2PRFIN20100714_114401_000000502091_00123_43764_2129.N1	14-JUL-2010 11:44:01	Bright	50.000	79	26Bet Per	2.3100	13100.	100	43764	No
144	GOM_NL__2PRFIN20100714_114650_000000462091_00123_43764_2130.N1	14-JUL-2010 11:46:50	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	43764	No
145	GOM_NL__2PRFIN20100714_114921_000000442091_00123_43764_2131.N1	14-JUL-2010 11:49:21	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	43764	No
146	GOM_NL__2PRFIN20100714_115056_000000512091_00123_43764_2132.N1	14-JUL-2010 11:50:56	Twilight	50.500	13	87Alp Tau	0.86700	3800.0	101	43764	No
147	GOM_NL__2PRFIN20100714_115706_000000652091_00123_43764_2133.N1	14-JUL-2010 11:57:06	Dark	64.500	94	92Alp Cet	2.5260	3100.0	129	43764	No
148	GOM_NL__2PRFIN20100714_120015_000000462091_00123_43764_2134.N1	14-JUL-2010 12:00:15	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	43764	No
149	GOM_NL__2PRFIN20100714_120910_000000402091_00123_43764_2135.N1	14-JUL-2010 12:09:10	Dark	39.500	157	The1Eri	2.9060	9300.0	79	43764	No
150	GOM_NL__2PRFIN20100714_121521_000000432091_00124_43765_2160.N1	14-JUL-2010 12:15:21	Dark	42.500	9	Alp Eri	0.45300	24000.	85	43765	No
151	GOM_NL__2PRFIN20100714_121805_000000502091_00124_43765_2161.N1	14-JUL-2010 12:18:05	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	43765	No
152	GOM_NL__2PRFIN20100714_122400_000000532091_00124_43765_2162.N1	14-JUL-2010 12:24:00	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	43765	No
153	GOM_NL__2PRFIN20100714_122539_000000482091_00124_43765_2163.N1	14-JUL-2010 12:25:39	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	43765	No
154	GOM_NL__2PRFIN20100714_122851_000000522091_00124_43765_2164.N1	14-JUL-2010 12:28:51	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	43765	No
155	GOM_NL__2PRFIN20100714_123543_000000452091_00124_43765_2165.N1	14-JUL-2010 12:35:43	Bright	44.500	103	38Zet Sgr	2.6000	9700.0	89	43765	No
156	GOM_NL__2PRFIN20100714_123814_000000402091_00124_43765_2166.N1	14-JUL-2010 12:38:14	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	43765	No
157	GOM_NL__2PRFIN20100714_124902_000000392091_00124_43765_2167.N1	14-JUL-2010 12:49:02	Bright	39.000	168	17Zet Aql	2.9860	11000.	78	43765	No
158	GOM_NL__2PRFIN20100714_125606_000000372091_00124_43765_2168.N1	14-JUL-2010 12:56:06	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	43765	No
159	GOM_NL__2PRFIN20100714_125924_000000382091_00124_43765_2169.N1	14-JUL-2010 12:59:24	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	43765	No
160	GOM_NL__2PRFIN20100714_130641_000000452091_00124_43765_2170.N1	14-JUL-2010 13:06:41	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43765	No



161	GOM_NL__2PRFIN20100714_131530_000000682091_00124_43765_2171.N1	14-JUL-2010 13:15:30	Bright	67.500	76	27Gam Cas	2.3000	30000.	135	43765	No
162	GOM_NL__2PRFIN20100714_132022_000000402091_00124_43765_2172.N1	14-JUL-2010 13:20:22	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	43765	No
163	GOM_NL__2PRFIN20100714_132142_000000422091_00124_43765_2173.N1	14-JUL-2010 13:21:42	Bright	41.500	35	33Alp Per	1.7950	6250.0	83	43765	No
164	GOM_NL__2PRFIN20100714_132437_000000472091_00124_43765_2174.N1	14-JUL-2010 13:24:37	Bright	46.500	79	26Bet Per	2.3100	13100.	93	43765	No
165	GOM_NL__2PRFIN20100714_132726_000000452091_00124_43765_2175.N1	14-JUL-2010 13:27:26	Tw_i_and_stray	45.000	150	44Zet Per	2.8900	28000.	90	43765	No
166	GOM_NL__2PRFIN20100714_132958_000000442091_00124_43765_2176.N1	14-JUL-2010 13:29:58	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	43765	No
167	GOM_NL__2PRFIN20100714_133132_000000542091_00124_43765_2177.N1	14-JUL-2010 13:31:32	Twilight	54.000	13	87Alp Tau	0.86700	3800.0	108	43765	No
168	GOM_NL__2PRFIN20100714_133742_000000572091_00124_43765_2178.N1	14-JUL-2010 13:37:42	Dark	57.000	94	92Alp Cet	2.5260	3100.0	114	43765	No
169	GOM_NL__2PRFIN20100714_134051_000000452091_00124_43765_2179.N1	14-JUL-2010 13:40:51	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	43765	No
170	GOM_NL__2PRFIN20100714_134947_000000402091_00124_43765_2180.N1	14-JUL-2010 13:49:47	Dark	40.000	157	The1Eri	2.9060	9300.0	80	43765	No
171	GOM_NL__2PRFIN20100714_135557_000000522091_00125_43766_2196.N1	14-JUL-2010 13:55:57	Dark	51.500	9	Alp Eri	0.45300	24000.	103	43766	No
172	GOM_NL__2PRFIN20100714_135842_000000552091_00125_43766_2197.N1	14-JUL-2010 13:58:42	Dark	54.500	84	Alp Phe	2.3970	4500.0	109	43766	No
173	GOM_NL__2PRFIN20100714_140437_000000532091_00125_43766_2198.N1	14-JUL-2010 14:04:37	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	43766	No
174	GOM_NL__2PRFIN20100714_140615_000000492091_00125_43766_2199.N1	14-JUL-2010 14:06:15	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43766	No
175	GOM_NL__2PRFIN20100714_140928_000000542091_00125_43766_2200.N1	14-JUL-2010 14:09:28	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	43766	No
176	GOM_NL__2PRFIN20100714_141620_000000442091_00125_43766_2201.N1	14-JUL-2010 14:16:20	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	43766	No
177	GOM_NL__2PRFIN20100714_141850_000000412091_00125_43766_2202.N1	14-JUL-2010 14:18:50	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	43766	No
178	GOM_NL__2PRFIN20100714_142938_000000402091_00125_43766_2203.N1	14-JUL-2010 14:29:38	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	43766	No
179	GOM_NL__2PRFIN20100714_143642_000000432091_00125_43766_2204.N1	14-JUL-2010 14:36:42	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	43766	No
180	GOM_NL__2PRFIN20100714_144000_000000342091_00125_43766_2205.N1	14-JUL-2010 14:40:00	Bright	34.000	69	33Gam Dra	2.2310	3800.0	68	43766	No
181	GOM_NL__2PRFIN20100714_144717_000000432091_00125_43766_2206.N1	14-JUL-2010 14:47:17	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43766	No
182	GOM_NL__2PRFIN20100714_145605_000000482091_00125_43766_2207.N1	14-JUL-2010 14:56:05	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43766	No
183	GOM_NL__2PRFIN20100714_150058_000000422091_00125_43766_2208.N1	14-JUL-2010 15:00:58	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	43766	No
184	GOM_NL__2PRFIN20100714_150218_000000412091_00125_43766_2209.N1	14-JUL-2010 15:02:18	Bright	40.500	35	33Alp Per	1.7950	6250.0	81	43766	No
185	GOM_NL__2PRFIN20100714_150512_000000492091_00125_43766_2210.N1	14-JUL-2010 15:05:12	Bright	48.500	79	26Bet Per	2.3100	13100.	97	43766	No
186	GOM_NL__2PRFIN20100714_150802_000000452091_00125_43766_2211.N1	14-JUL-2010 15:08:02	Tw_i_and_stray	44.500	150	44Zet Per	2.8900	28000.	89	43766	No
187	GOM_NL__2PRFIN20100714_151034_000000442091_00125_43766_2212.N1	14-JUL-2010 15:10:34	Twilight	43.500	146	25Eta Tau	2.8730	15200.	87	43766	No
188	GOM_NL__2PRFIN20100714_151209_000000462091_00125_43766_2213.N1	14-JUL-2010 15:12:09	Twilight	46.000	13	87Alp Tau	0.86700	3800.0	92	43766	No
189	GOM_NL__2PRFIN20100714_151819_000000552091_00125_43766_2214.N1	14-JUL-2010 15:18:19	Dark	55.000	94	92Alp Cet	2.5260	3100.0	110	43766	No
190	GOM_NL__2PRFIN20100714_152128_000000452091_00125_43766_2215.N1	14-JUL-2010 15:21:28	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	43766	No
191	GOM_NL__2PRFIN20100714_153023_000000422091_00125_43766_2216.N1	14-JUL-2010 15:30:23	Dark	42.000	157	The1Eri	2.9060	9300.0	84	43766	No
192	GOM_NL__2PRFIN20100714_153633_000000452091_00126_43767_2229.N1	14-JUL-2010 15:36:33	Dark	44.500	9	Alp Eri	0.45300	24000.	89	43767	No
193	GOM_NL__2PRFIN20100714_153919_000000542091_00126_43767_2230.N1	14-JUL-2010 15:39:19	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	43767	No
194	GOM_NL__2PRFIN20100714_154514_000000502091_00126_43767_2231.N1	14-JUL-2010 15:45:14	Straylight	49.500	63	Bet Gru	2.1500	2800.0	99	43767	No
195	GOM_NL__2PRFIN20100714_154652_000000492091_00126_43767_2232.N1	14-JUL-2010 15:46:52	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43767	No
196	GOM_NL__2PRFIN20100714_155004_000000512091_00126_43767_2233.N1	14-JUL-2010 15:50:04	Straylight	50.500	172	Gam Gru	3.0030	13100.	101	43767	No
197	GOM_NL__2PRFIN20100714_155656_000000492091_00126_43767_2234.N1	14-JUL-2010 15:56:56	Bright	49.000	103	38Zet Sgr	2.6000	9700.0	98	43767	No
198	GOM_NL__2PRFIN20100714_155926_000000412091_00126_43767_2235.N1	14-JUL-2010 15:59:26	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	43767	No
199	GOM_NL__2PRFIN20100714_161014_000000402091_00126_43767_2236.N1	14-JUL-2010 16:10:14	Bright	40.000	168	17Zet Aql	2.9860	11000.	80	43767	No
200	GOM_NL__2PRFIN20100714_161717_000000382091_00126_43767_2237.N1	14-JUL-2010 16:17:17	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	43767	No
201	GOM_NL__2PRFIN20100714_162036_000000392091_00126_43767_2238.N1	14-JUL-2010 16:20:36	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	43767	No
202	GOM_NL__2PRFIN20100714_162752_000000442091_00126_43767_2239.N1	14-JUL-2010 16:27:52	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43767	No
203	GOM_NL__2PRFIN20100714_163640_000000472091_00126_43767_2240.N1	14-JUL-2010 16:36:40	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43767	No
204	GOM_NL__2PRFIN20100714_164134_000000422091_00126_43767_2241.N1	14-JUL-2010 16:41:34	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	43767	No
205	GOM_NL__2PRFIN20100714_164254_000000432091_00126_43767_2242.N1	14-JUL-2010 16:42:54	Bright	43.000	35	33Alp Per	1.7950	6250.0	86	43767	No
206	GOM_NL__2PRFIN20100714_164548_000000482091_00126_43767_2243.N1	14-JUL-2010 16:45:48	Bright	47.500	79	26Bet Per	2.3100	13100.	95	43767	No
207	GOM_NL__2PRFIN20100714_164838_000000442091_00126_43767_2244.N1	14-JUL-2010 16:48:38	Tw_i_and_stray	44.000	150	44Zet Per	2.8900	28000.	88	43767	No
208	GOM_NL__2PRFIN20100714_165110_000000462091_00126_43767_2245.N1	14-JUL-2010 16:51:10	Twilight	45.500	146	25Eta Tau	2.8730	15200.	91	43767	No
209	GOM_NL__2PRFIN20100714_165244_000000542091_00126_43767_2246.N1	14-JUL-2010 16:52:44	Twilight	54.000	13	87Alp Tau	0.86700	3800.0	108	43767	No
210	GOM_NL__2PRFIN20100714_165855_000000552091_00126_43767_2247.N1	14-JUL-2010 16:58:55	Dark	55.000	94	92Alp Cet	2.5260	3100.0	110	43767	No
211	GOM_NL__2PRFIN20100714_170204_000000492091_00126_43767_2248.N1	14-JUL-2010 17:02:04	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	43767	No
212	GOM_NL__2PRFIN20100714_171100_000000412091_00126_43767_2249.N1	14-JUL-2010 17:11:00	Dark	40.500	157	The1Eri	2.9060	9300.0	81	43767	No
213	GOM_NL__2PRFIN20100714_171710_000000452091_00127_43768_2258.N1	14-JUL-2010 17:17:10	Dark	45.000	9	Alp Eri	0.45300	24000.	90	43768	No
214	GOM_NL__2PRFIN20100714_171956_000000532091_00127_43768_2259.N1	14-JUL-2010 17:19:56	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	43768	No
215	GOM_NL__2PRFIN20100714_172551_000000502091_00127_43768_2260.N1	14-JUL-2010 17:25:51	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	43768	No
216	GOM_NL__2PRFIN20100714_172729_000000492091_00127_43768_2261.N1	14-JUL-2010 17:27:29	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43768	No
217	GOM_NL__2PRFIN20100714_173041_000000502091_00127_43768_2262.N1	14-JUL-2010 17:30:41	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	43768	No
218	GOM_NL__2PRFIN20100714_173732_000000432091_00127_43768_2263.N1	14-JUL-2010 17:37:32	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	43768	No
219	GOM_NL__2PRFIN20100714_174002_000000402091_00127_43768_2264.N1	14-JUL-2010 17:40:02	Bright	39.500	155	41Pi Sgr	2.9000	6600.0	79	43768	No



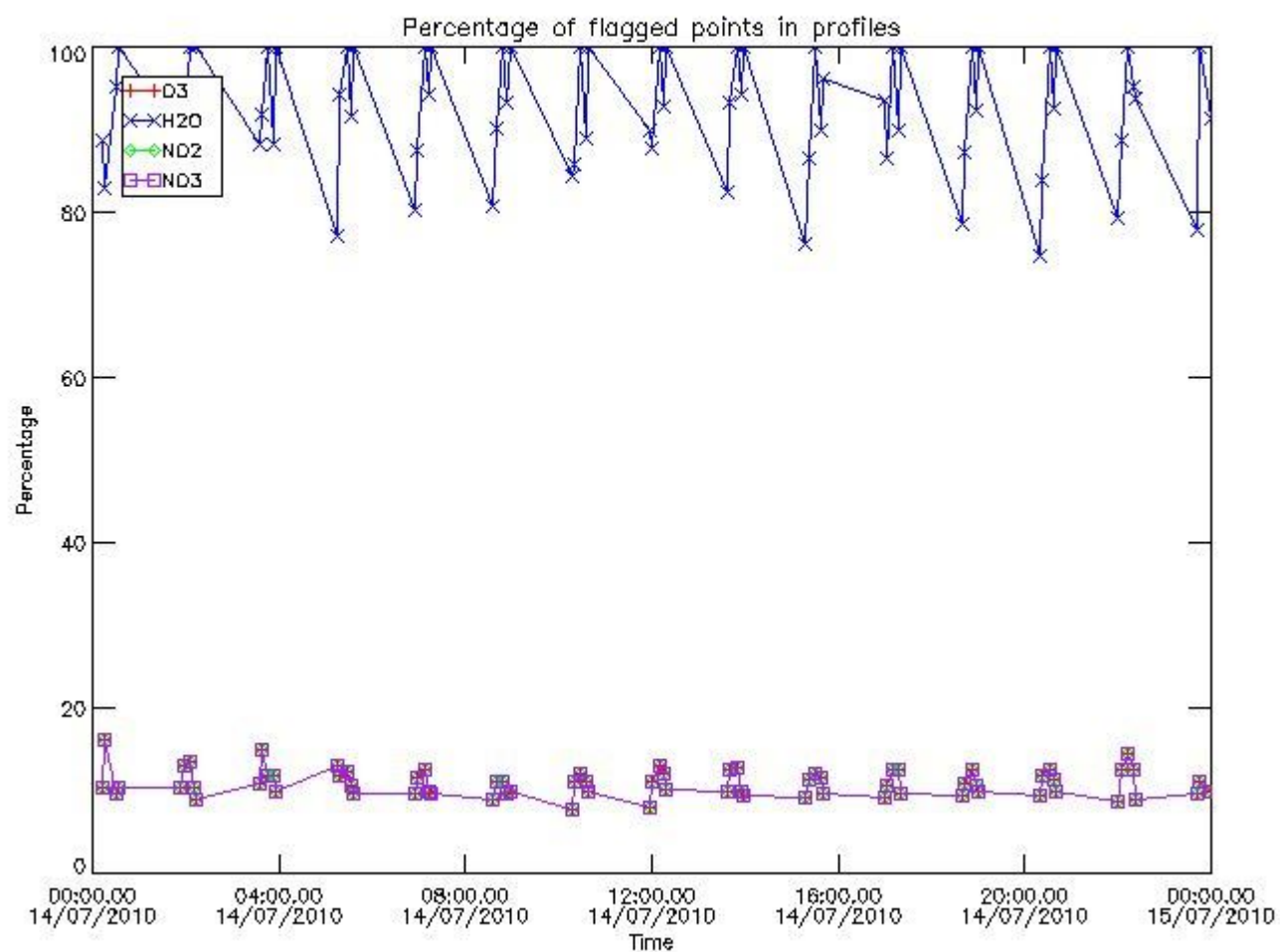
220	GOM_NL__2PRFIN20100714_175050_000000592091_00127_43768_2265.N1	14-JUL-2010 17:50:50	Bright	59.000	168	17Zet Aql	2.9860	11000.	118	43768	No
221	GOM_NL__2PRFIN20100714_175753_000000442091_00127_43768_2266.N1	14-JUL-2010 17:57:53	Bright	44.000	5	3Alp Lyr	0.033000	11000.	88	43768	No
222	GOM_NL__2PRFIN20100714_180111_000000402091_00127_43768_2267.N1	14-JUL-2010 18:01:11	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	43768	No
223	GOM_NL__2PRFIN20100714_180828_000000442091_00127_43768_2268.N1	14-JUL-2010 18:08:28	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43768	No
224	GOM_NL__2PRFIN20100714_181716_000000562091_00127_43768_2269.N1	14-JUL-2010 18:17:16	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	43768	No
225	GOM_NL__2PRFIN20100714_182210_000000602091_00127_43768_2270.N1	14-JUL-2010 18:22:10	Bright	60.000	160	23Gam Per	2.9300	4700.0	120	43768	No
226	GOM_NL__2PRFIN20100714_182329_000000412091_00127_43768_2271.N1	14-JUL-2010 18:23:29	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	43768	No
227	GOM_NL__2PRFIN20100714_182625_000000482091_00127_43768_2272.N1	14-JUL-2010 18:26:25	Bright	47.500	79	26Bet Per	2.3100	13100.	95	43768	No
228	GOM_NL__2PRFIN20100714_182914_000000442091_00127_43768_2273.N1	14-JUL-2010 18:29:14	Twi_and_stray	43.500	150	44Zet Per	2.8900	28000.	87	43768	No
229	GOM_NL__2PRFIN20100714_183146_000000452091_00127_43768_2274.N1	14-JUL-2010 18:31:46	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	43768	No
230	GOM_NL__2PRFIN20100714_183321_000000462091_00127_43768_2275.N1	14-JUL-2010 18:33:21	Twilight	46.000	13	87Alp Tau	0.86700	3800.0	92	43768	No
231	GOM_NL__2PRFIN20100714_183932_000000542091_00127_43768_2276.N1	14-JUL-2010 18:39:32	Dark	54.000	94	92Alp Cet	2.5260	3100.0	108	43768	No
232	GOM_NL__2PRFIN20100714_184241_000000482091_00127_43768_2277.N1	14-JUL-2010 18:42:41	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	43768	No
233	GOM_NL__2PRFIN20100714_185137_000000412091_00127_43768_2278.N1	14-JUL-2010 18:51:37	Dark	41.000	157	The1Eri	2.9060	9300.0	82	43768	No
234	GOM_NL__2PRFIN20100714_185746_000000532091_00128_43769_2282.N1	14-JUL-2010 18:57:46	Dark	52.500	9	Alp Eri	0.45300	24000.	105	43769	No
235	GOM_NL__2PRFIN20100714_190033_000000512091_00128_43769_2283.N1	14-JUL-2010 19:00:33	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	43769	No
236	GOM_NL__2PRFIN20100714_190628_000000572091_00128_43769_2284.N1	14-JUL-2010 19:06:28	Straylight	57.000	63	Bet Gru	2.1500	2800.0	114	43769	No
237	GOM_NL__2PRFIN20100714_190805_000000532091_00128_43769_2285.N1	14-JUL-2010 19:08:05	Straylight	53.000	31	Alp Gru	1.7340	15200.	106	43769	No
238	GOM_NL__2PRFIN20100714_191118_000000522091_00128_43769_2286.N1	14-JUL-2010 19:11:18	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	43769	No
239	GOM_NL__2PRFIN20100714_191808_000000442091_00128_43769_2287.N1	14-JUL-2010 19:18:08	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	43769	No
240	GOM_NL__2PRFIN20100714_192038_000000402091_00128_43769_2288.N1	14-JUL-2010 19:20:38	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	43769	No
241	GOM_NL__2PRFIN20100714_193125_000000382091_00128_43769_2289.N1	14-JUL-2010 19:31:25	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	43769	No
242	GOM_NL__2PRFIN20100714_193829_000000392091_00128_43769_2290.N1	14-JUL-2010 19:38:29	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	43769	No
243	GOM_NL__2PRFIN20100714_194147_000000382091_00128_43769_2291.N1	14-JUL-2010 19:41:47	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	43769	No
244	GOM_NL__2PRFIN20100714_194903_000000442091_00128_43769_2292.N1	14-JUL-2010 19:49:03	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43769	No
245	GOM_NL__2PRFIN20100714_195752_000000572091_00128_43769_2293.N1	14-JUL-2010 19:57:52	Bright	56.500	76	27Gam Cas	2.3000	30000.	113	43769	No
246	GOM_NL__2PRFIN20100714_200246_000000422091_00128_43769_2294.N1	14-JUL-2010 20:02:46	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	43769	No
247	GOM_NL__2PRFIN20100714_200405_000000412091_00128_43769_2295.N1	14-JUL-2010 20:04:05	Bright	41.000	35	33Alp Per	1.7950	6250.0	82	43769	No
248	GOM_NL__2PRFIN20100714_200701_000000472091_00128_43769_2296.N1	14-JUL-2010 20:07:01	Bright	46.500	79	26Bet Per	2.3100	13100.	93	43769	No
249	GOM_NL__2PRFIN20100714_200950_000000442091_00128_43769_2297.N1	14-JUL-2010 20:09:50	Twi_and_stray	44.000	150	44Zet Per	2.8900	28000.	88	43769	No
250	GOM_NL__2PRFIN20100714_201222_000000462091_00128_43769_2298.N1	14-JUL-2010 20:12:22	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	43769	No
251	GOM_NL__2PRFIN20100714_201357_000000502091_00128_43769_2299.N1	14-JUL-2010 20:13:57	Twilight	49.500	13	87Alp Tau	0.86700	3800.0	99	43769	No
252	GOM_NL__2PRFIN20100714_202009_000000542091_00128_43769_2300.N1	14-JUL-2010 20:20:09	Dark	54.000	94	92Alp Cet	2.5260	3100.0	108	43769	No
253	GOM_NL__2PRFIN20100714_202317_000000442091_00128_43769_2301.N1	14-JUL-2010 20:23:17	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	43769	No
254	GOM_NL__2PRFIN20100714_203213_000000412091_00128_43769_2302.N1	14-JUL-2010 20:32:13	Dark	41.000	157	The1Eri	2.9060	9300.0	82	43769	No
255	GOM_NL__2PRFIN20100714_203823_000000542091_00129_43770_2310.N1	14-JUL-2010 20:38:23	Dark	54.000	9	Alp Eri	0.45300	24000.	108	43770	No
256	GOM_NL__2PRFIN20100714_204110_000000522091_00129_43770_2311.N1	14-JUL-2010 20:41:10	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	43770	No
257	GOM_NL__2PRFIN20100714_204704_000000502091_00129_43770_2312.N1	14-JUL-2010 20:47:04	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	43770	No
258	GOM_NL__2PRFIN20100714_204842_000000472091_00129_43770_2313.N1	14-JUL-2010 20:48:42	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	43770	No
259	GOM_NL__2PRFIN20100714_205154_000000522091_00129_43770_2314.N1	14-JUL-2010 20:51:54	Straylight	52.000	172	Gam Gru	3.0030	13100.	104	43770	No
260	GOM_NL__2PRFIN20100714_205844_000000432091_00129_43770_2315.N1	14-JUL-2010 20:58:44	Bright	43.000	103	38Zet Sgr	2.6000	9700.0	86	43770	No
261	GOM_NL__2PRFIN20100714_210114_000000402091_00129_43770_2316.N1	14-JUL-2010 21:01:14	Bright	40.000	155	41Pi Sgr	2.9000	6600.0	80	43770	No
262	GOM_NL__2PRFIN20100714_211201_000000412091_00129_43770_2317.N1	14-JUL-2010 21:12:01	Bright	40.500	168	17Zet Aql	2.9860	11000.	81	43770	No
263	GOM_NL__2PRFIN20100714_211905_000000372091_00129_43770_2318.N1	14-JUL-2010 21:19:05	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	43770	No
264	GOM_NL__2PRFIN20100714_212223_000000392091_00129_43770_2319.N1	14-JUL-2010 21:22:23	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	43770	No
265	GOM_NL__2PRFIN20100714_212938_000000452091_00129_43770_2320.N1	14-JUL-2010 21:29:38	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43770	No
266	GOM_NL__2PRFIN20100714_213827_000000482091_00129_43770_2321.N1	14-JUL-2010 21:38:27	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	43770	No
267	GOM_NL__2PRFIN20100714_214321_000000432091_00129_43770_2322.N1	14-JUL-2010 21:43:21	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	43770	No
268	GOM_NL__2PRFIN20100714_214441_000000442091_00129_43770_2323.N1	14-JUL-2010 21:44:41	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	43770	No
269	GOM_NL__2PRFIN20100714_214736_000000472091_00129_43770_2324.N1	14-JUL-2010 21:47:36	Bright	47.000	79	26Bet Per	2.3100	13100.	94	43770	No
270	GOM_NL__2PRFIN20100714_215026_000000442091_00129_43770_2325.N1	14-JUL-2010 21:50:26	Twi_and_stray	44.000	150	44Zet Per	2.8900	28000.	88	43770	No
271	GOM_NL__2PRFIN20100714_215258_000000442091_00129_43770_2326.N1	14-JUL-2010 21:52:58	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	43770	No
272	GOM_NL__2PRFIN20100714_215433_000000482091_00129_43770_2327.N1	14-JUL-2010 21:54:33	Twilight	48.000	13	87Alp Tau	0.86700	3800.0	96	43770	No
273	GOM_NL__2PRFIN20100714_220045_000000592091_00129_43770_2328.N1	14-JUL-2010 22:00:45	Dark	58.500	94	92Alp Cet	2.5260	3100.0	117	43770	No
274	GOM_NL__2PRFIN20100714_220353_000000452091_00129_43770_2329.N1	14-JUL-2010 22:03:53	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	43770	No
275	GOM_NL__2PRFIN20100714_221250_000000392091_00129_43770_2330.N1	14-JUL-2010 22:12:50	Dark	39.000	157	The1Eri	2.9060	9300.0	78	43770	No
276	GOM_NL__2PRFIN20100714_221859_000000412091_00130_43771_2335.N1	14-JUL-2010 22:18:59	Dark	41.000	9	Alp Eri	0.45300	24000.	82	43771	No
277	GOM_NL__2PRFIN20100714_222147_000000572091_00130_43771_2336.N1	14-JUL-2010 22:21:47	Dark	57.000	84	Alp Phe	2.3970	4500.0	114	43771	No
278	GOM_NL__2PRFIN20100714_222741_000000622091_00130_43771_2337.N1	14-JUL-2010 22:27:41	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	43771	No

279	GOM_NL__2PRFIN20100714_222919_000000462091_00130_43771_2338.N1	14-JUL-2010 22:29:19	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	43771	No
280	GOM_NL__2PRFIN20100714_223231_000000522091_00130_43771_2339.N1	14-JUL-2010 22:32:31	Straylight	51.500	172	Gam Gru	3.0030	13100.	103	43771	No
281	GOM_NL__2PRFIN20100714_223920_000000412091_00130_43771_2340.N1	14-JUL-2010 22:39:20	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	43771	No
282	GOM_NL__2PRFIN20100714_224150_000000412091_00130_43771_2341.N1	14-JUL-2010 22:41:50	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	43771	No
283	GOM_NL__2PRFIN20100714_225237_000000402091_00130_43771_2342.N1	14-JUL-2010 22:52:37	Bright	39.500	168	17Zet Aql	2.9860	11000.	79	43771	No
284	GOM_NL__2PRFIN20100714_225940_000000422091_00130_43771_2343.N1	14-JUL-2010 22:59:40	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	43771	No
285	GOM_NL__2PRFIN20100714_230259_000000392091_00130_43771_2344.N1	14-JUL-2010 23:02:59	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	43771	No
286	GOM_NL__2PRFIN20100714_231014_000000442091_00130_43771_2345.N1	14-JUL-2010 23:10:14	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43771	No
287	GOM_NL__2PRFIN20100714_231902_000000472091_00130_43771_2346.N1	14-JUL-2010 23:19:02	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43771	No
288	GOM_NL__2PRFIN20100714_232357_000000422091_00130_43771_2347.N1	14-JUL-2010 23:23:57	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	43771	No
289	GOM_NL__2PRFIN20100714_232517_000000422091_00130_43771_2348.N1	14-JUL-2010 23:25:17	Bright	42.000	35	33Alp Per	1.7950	6250.0	84	43771	No
290	GOM_NL__2PRFIN20100714_232812_000000462091_00130_43771_2349.N1	14-JUL-2010 23:28:12	Bright	45.500	79	26Bet Per	2.3100	13100.	91	43771	No
291	GOM_NL__2PRFIN20100714_233102_000000452091_00130_43771_2350.N1	14-JUL-2010 23:31:02	Twilight	45.000	150	44Zet Per	2.8900	28000.	90	43771	No
292	GOM_NL__2PRFIN20100714_233334_000000452091_00130_43771_2351.N1	14-JUL-2010 23:33:34	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	43771	No
293	GOM_NL__2PRFIN20100714_233509_000000492091_00130_43771_2352.N1	14-JUL-2010 23:35:09	Twilight	49.000	13	87Alp Tau	0.86700	3800.0	98	43771	No
294	GOM_NL__2PRFIN20100714_234122_000000532091_00130_43771_2353.N1	14-JUL-2010 23:41:22	Dark	52.500	94	92Alp Cet	2.5260	3100.0	105	43771	No
295	GOM_NL__2PRFIN20100714_234430_000000462091_00130_43771_2354.N1	14-JUL-2010 23:44:30	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	43771	No
296	GOM_NL__2PRFIN20100714_235936_000000522091_00131_43772_2348.N1	14-JUL-2010 23:59:36	Dark	52.000	9	Alp Eri	0.45300	24000.	104	43772	No

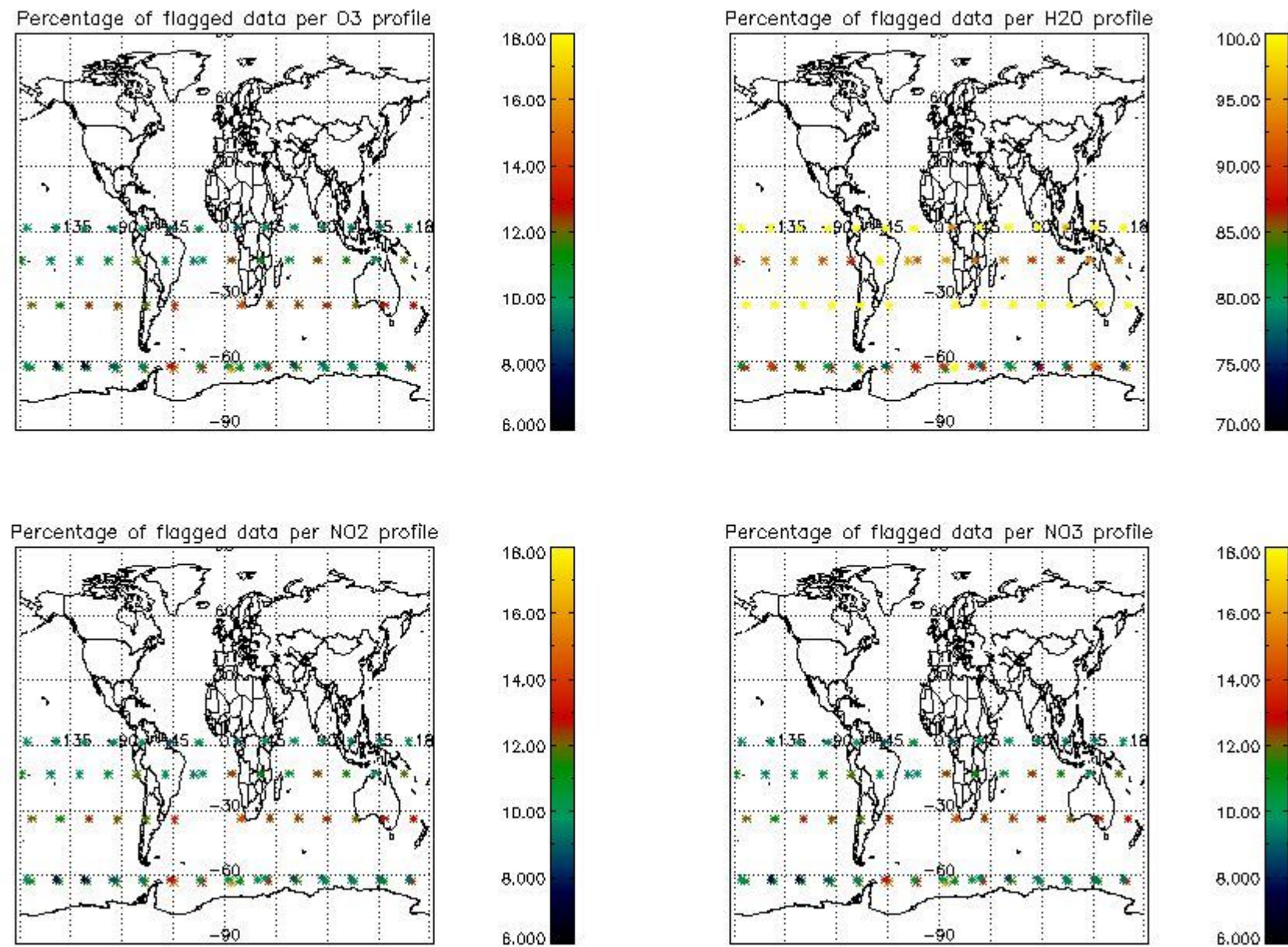
### 3. Quality information per product

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)



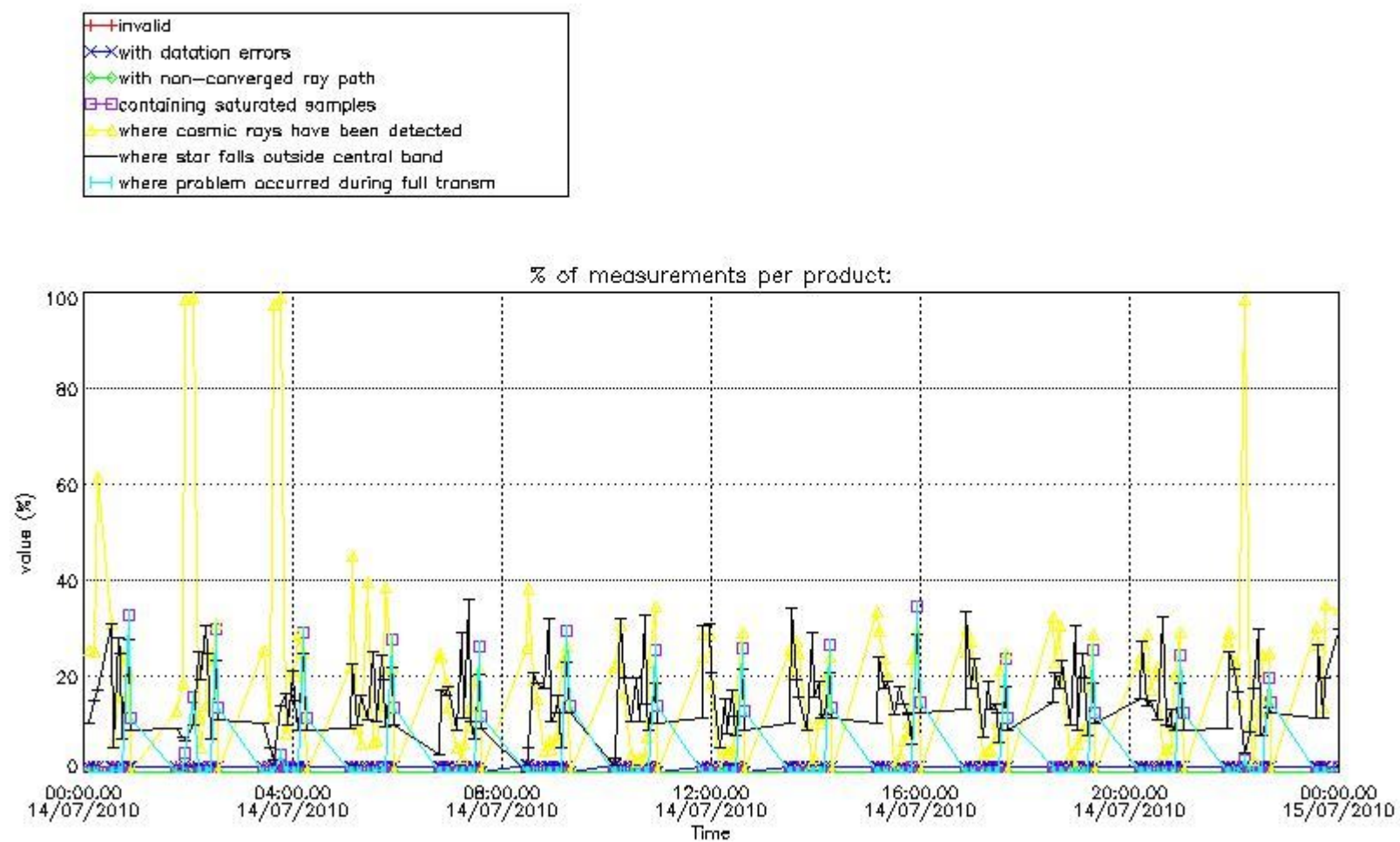
### 4. Level 1 quality information per product

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

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

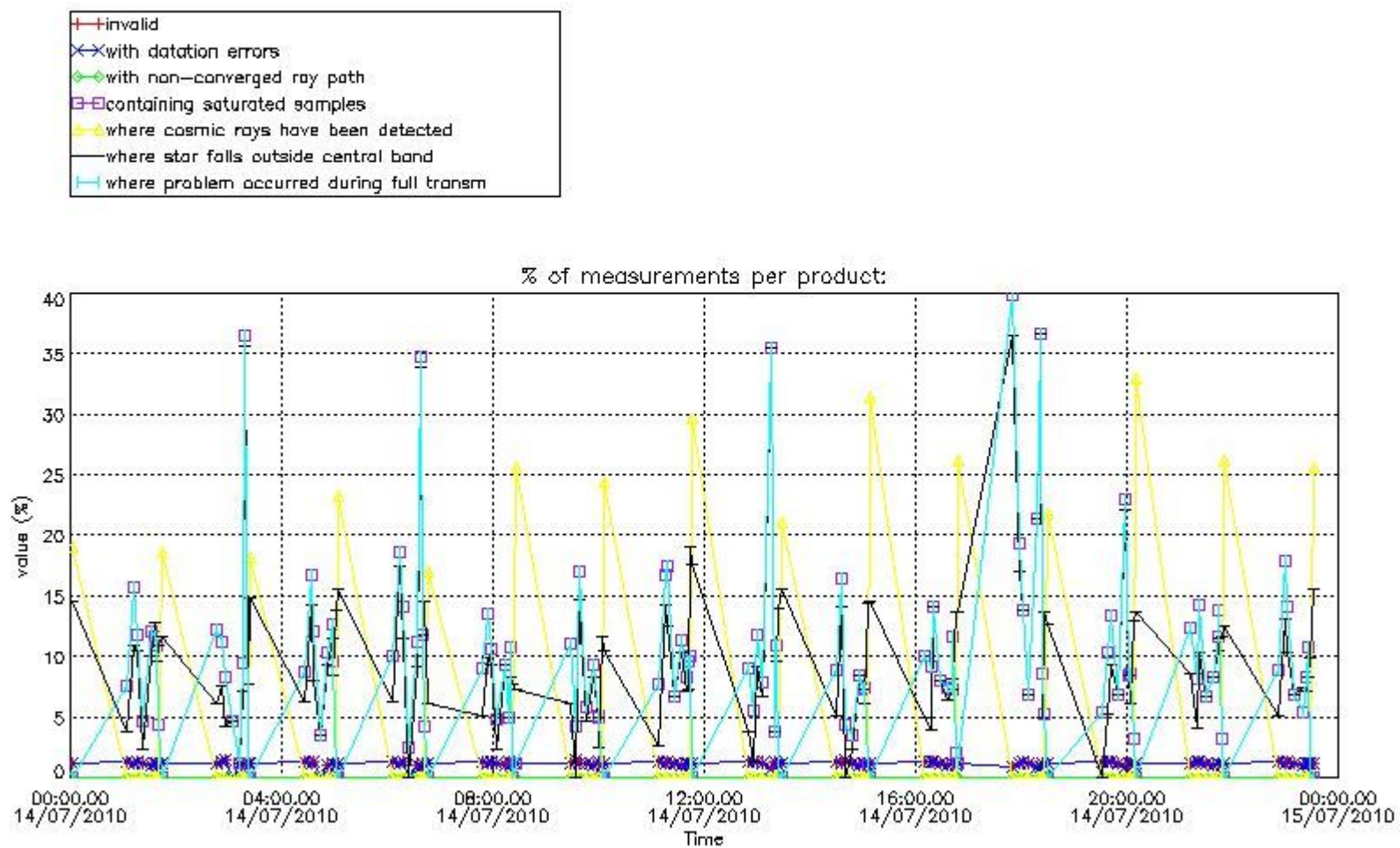
##### 4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes





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

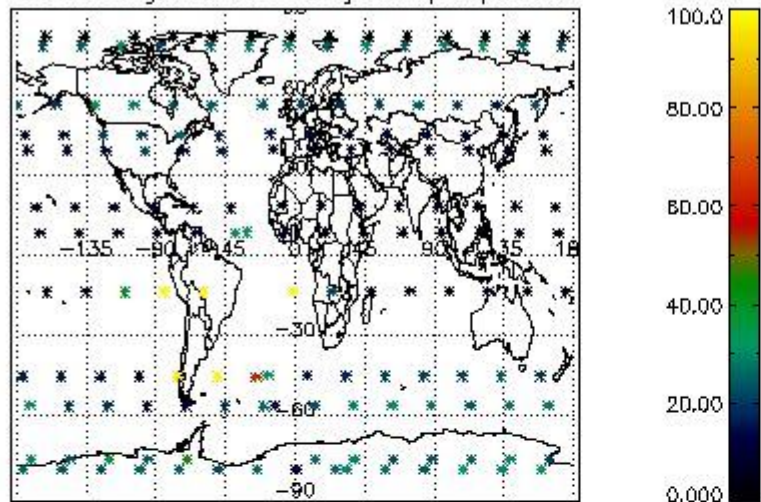




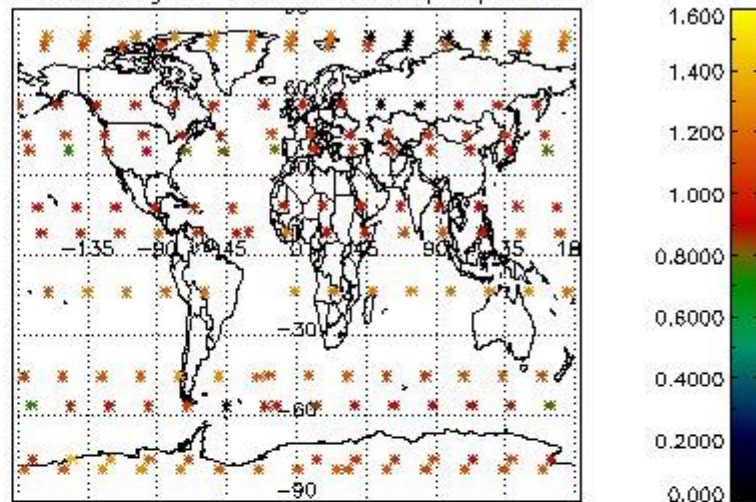
4.2 Plot quality information per product coming from level 1b processing (world map)

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

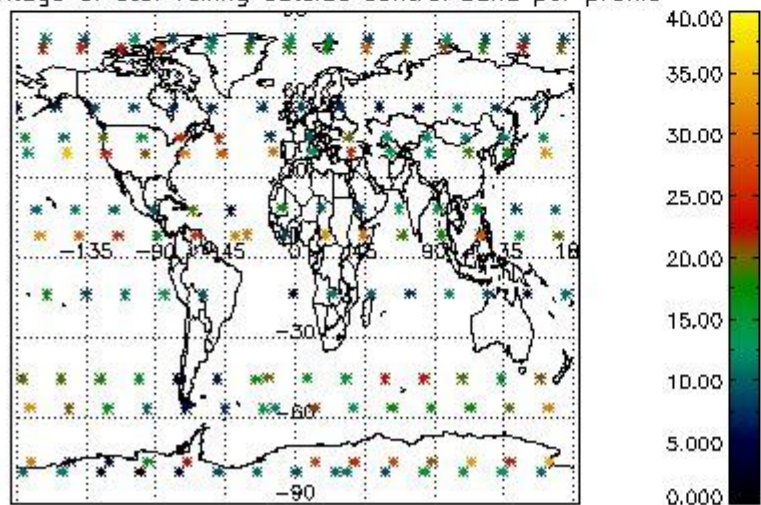
Percentage of cosmic ray hits per profile



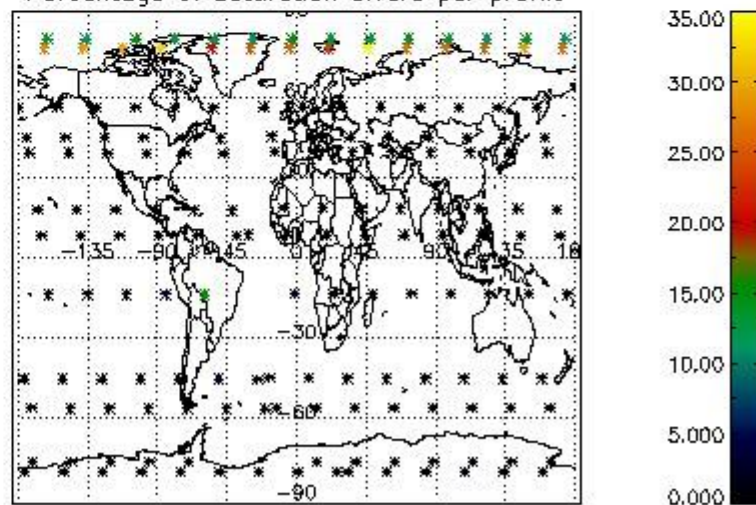
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



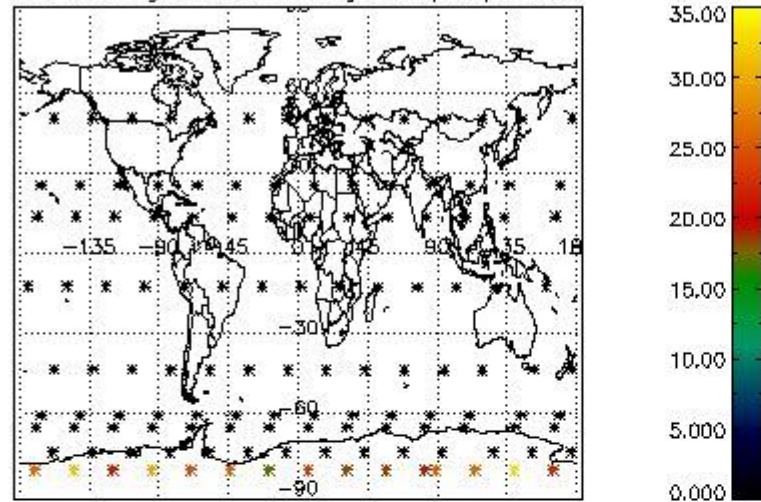
Percentage of saturation errors per profile



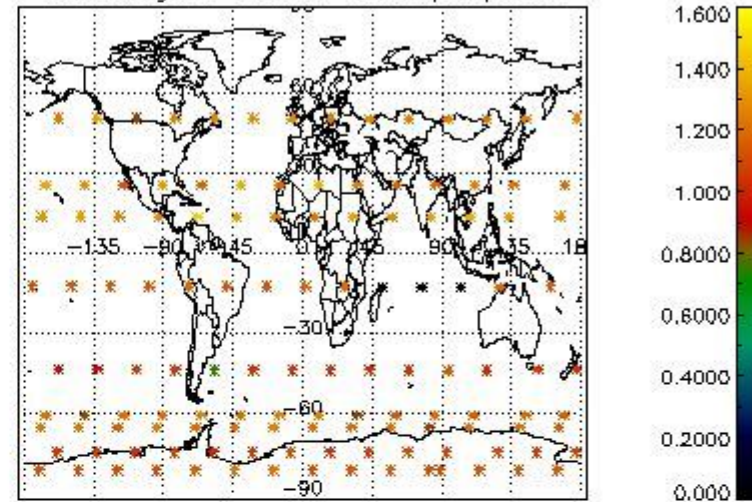
4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes



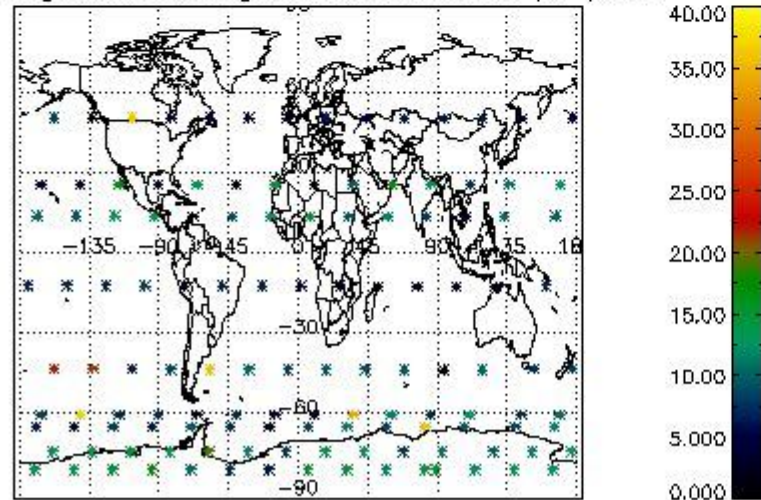
Percentage of cosmic ray hits per profile



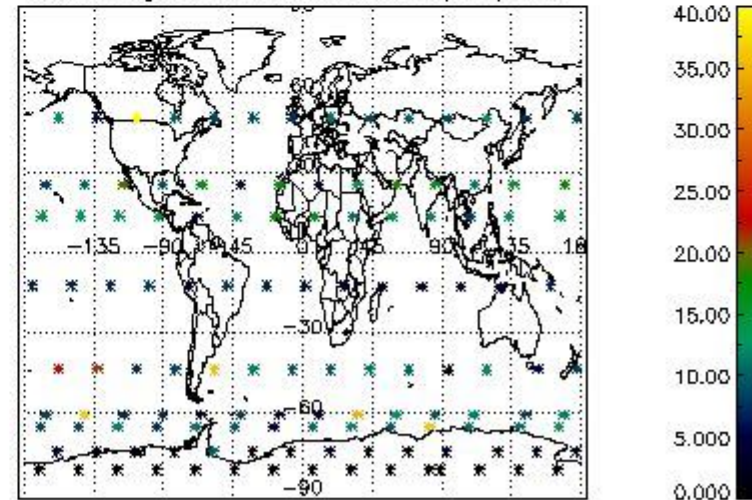
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



## 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

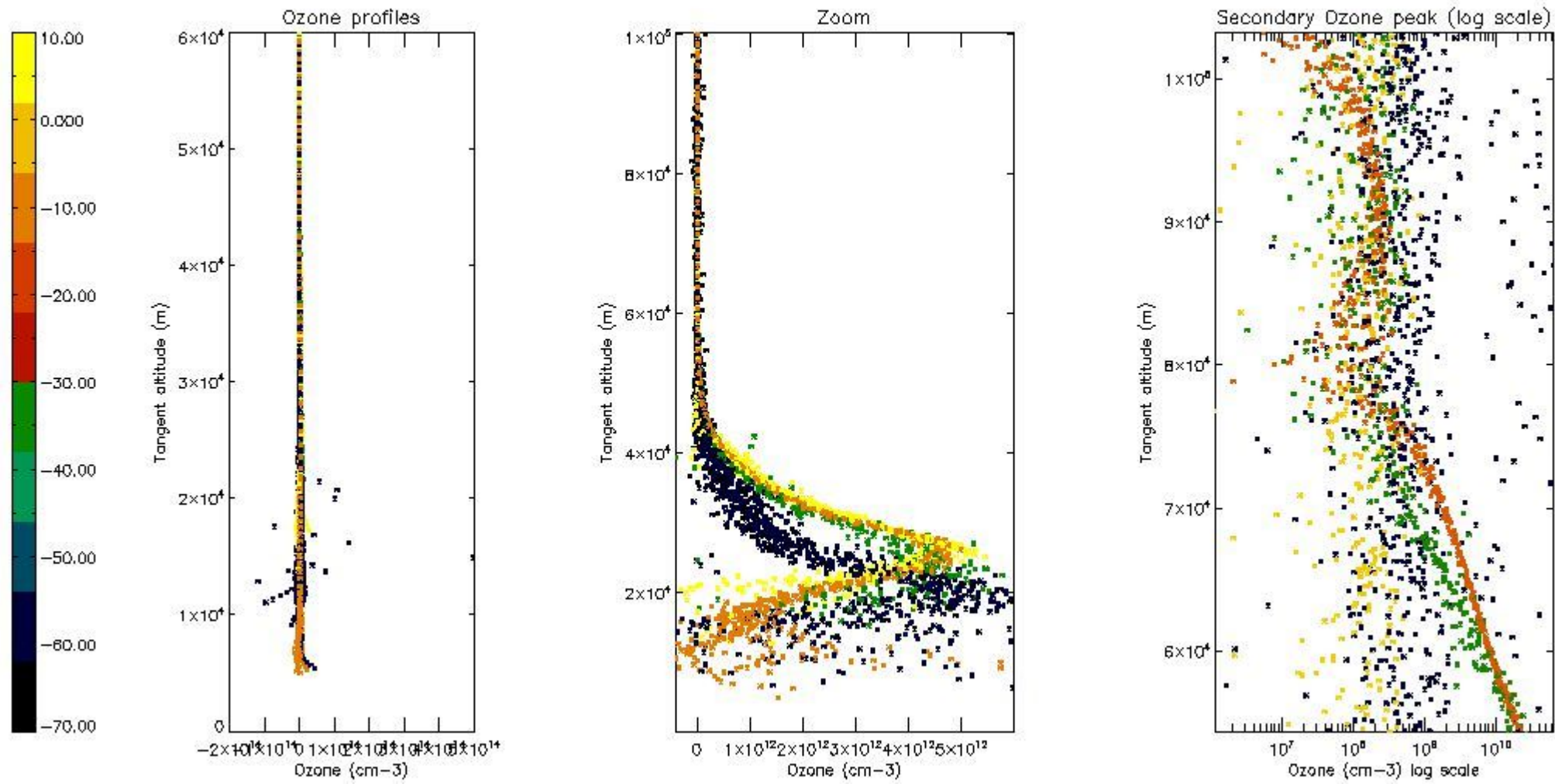
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	26
STD < 20	8

STD < 10	5
STD < 5	3

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

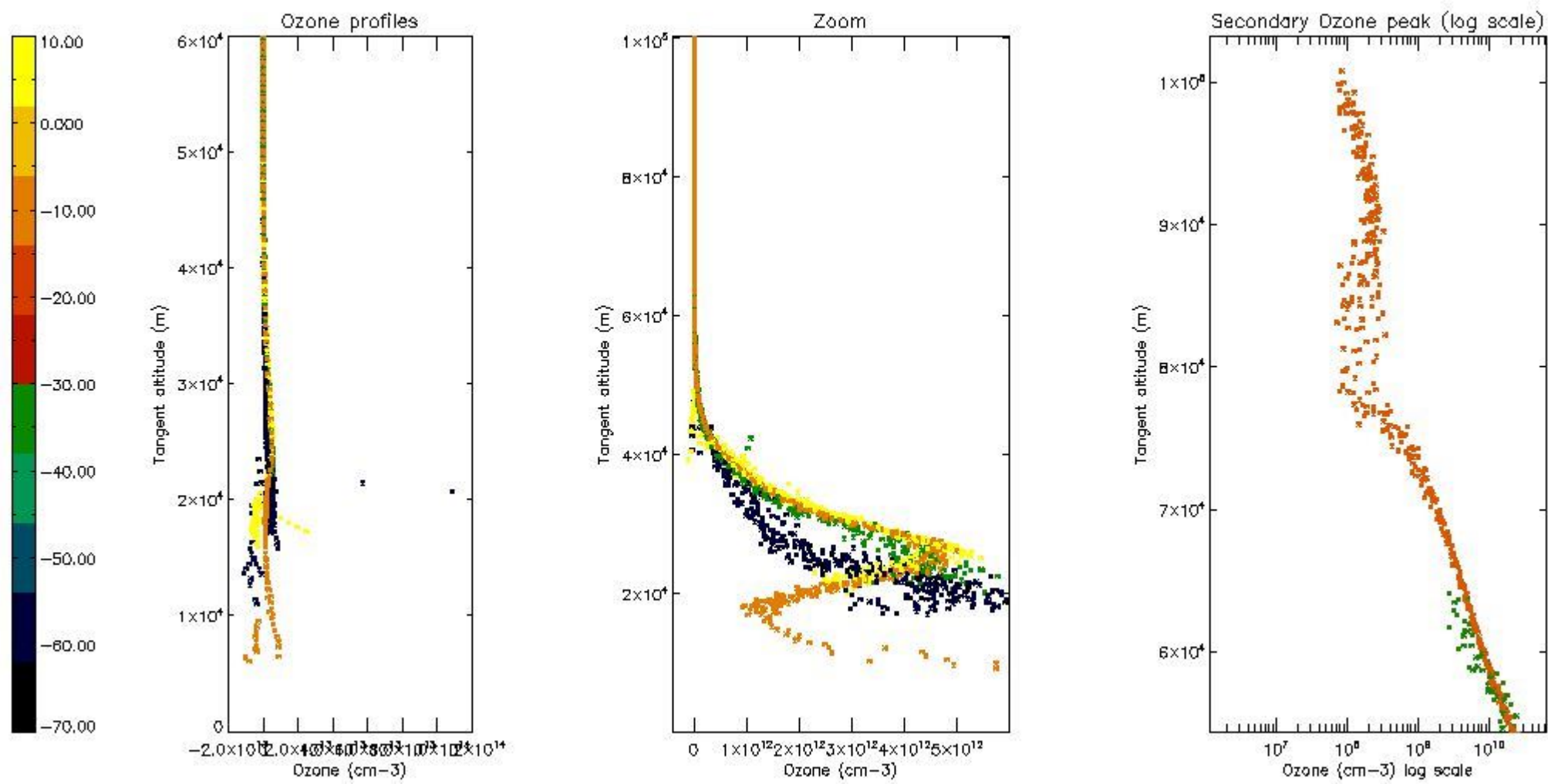
The colorbar represents the latitude.



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

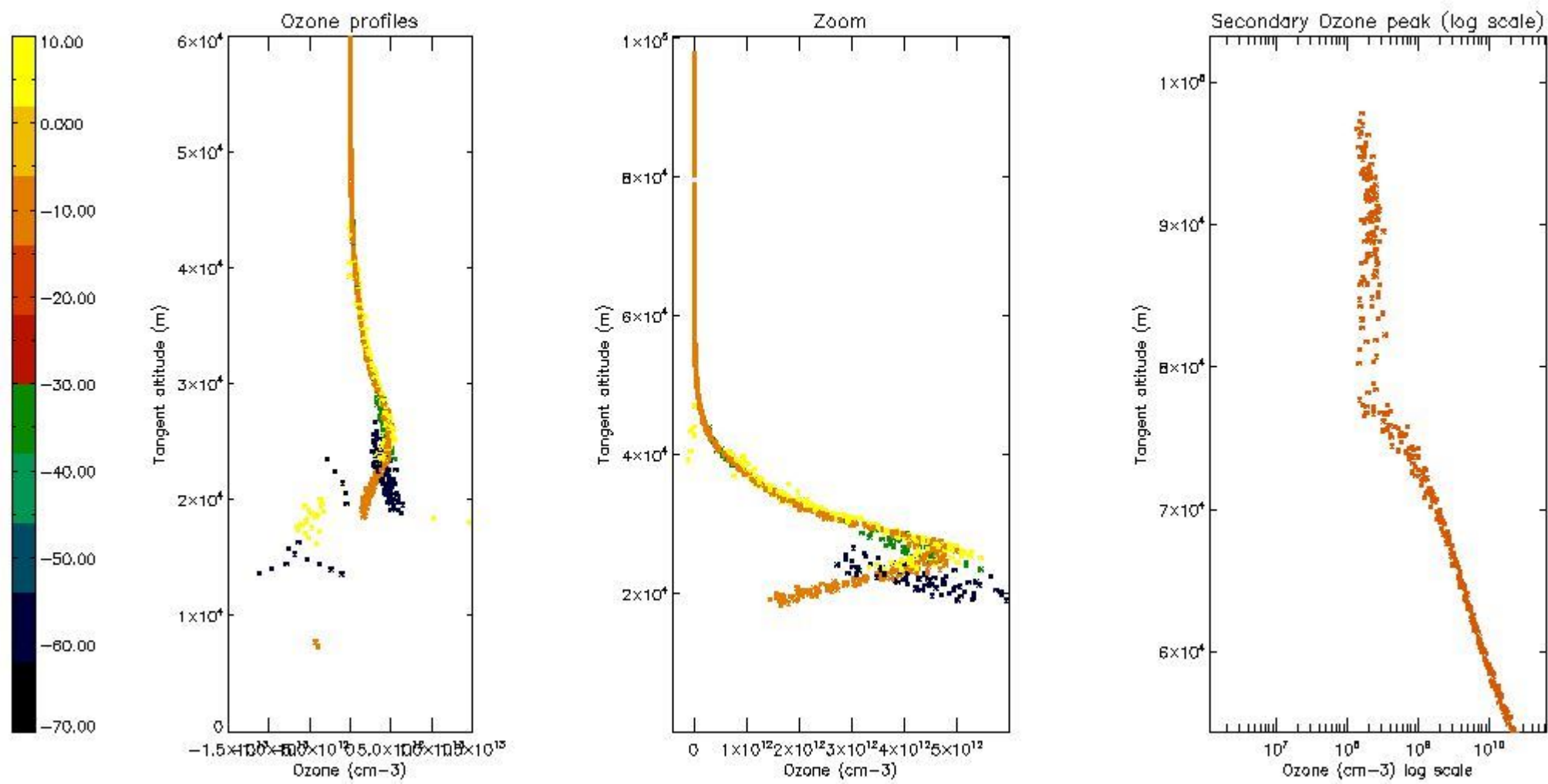
The colorbar represents the latitude.





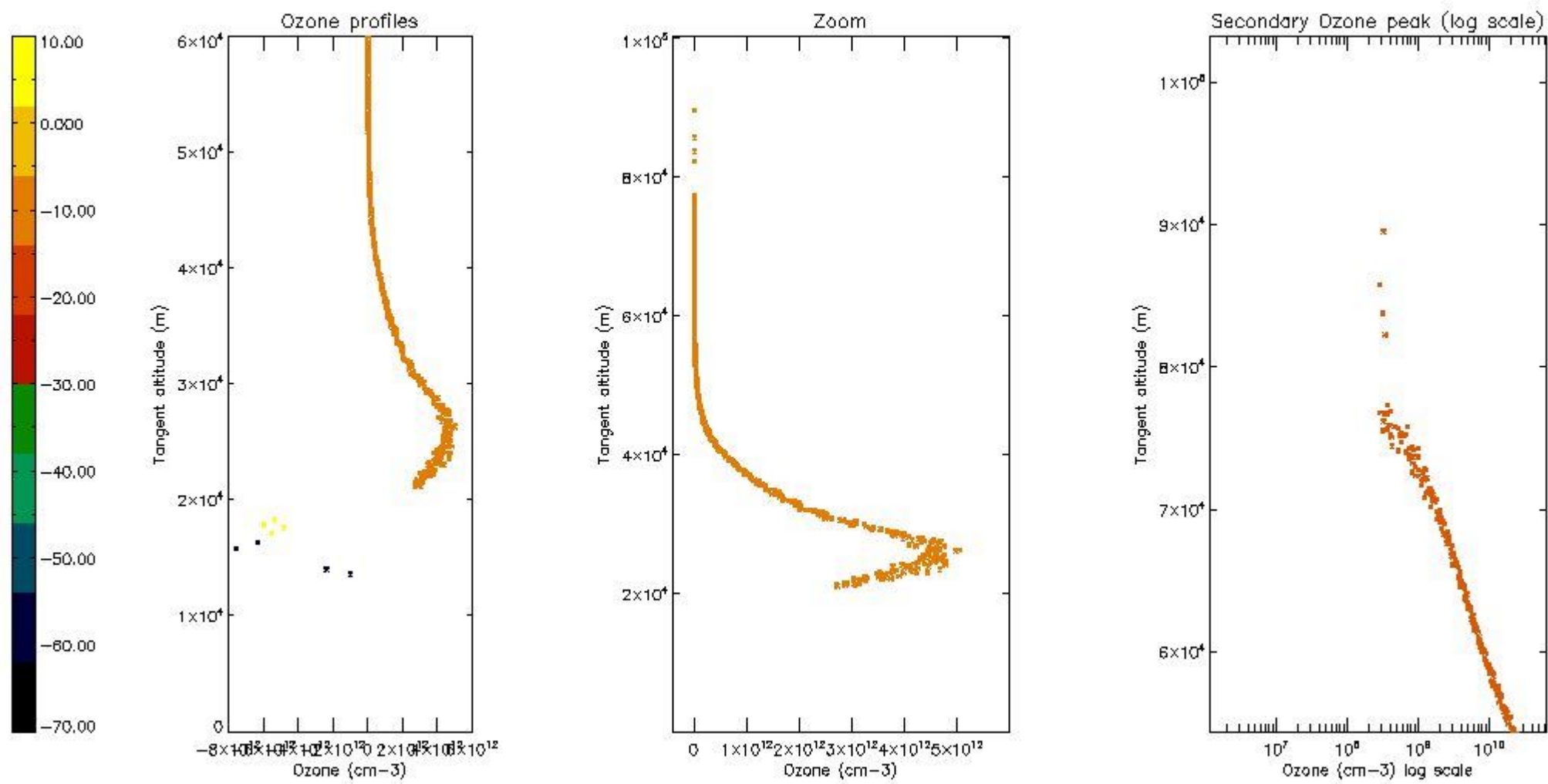
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



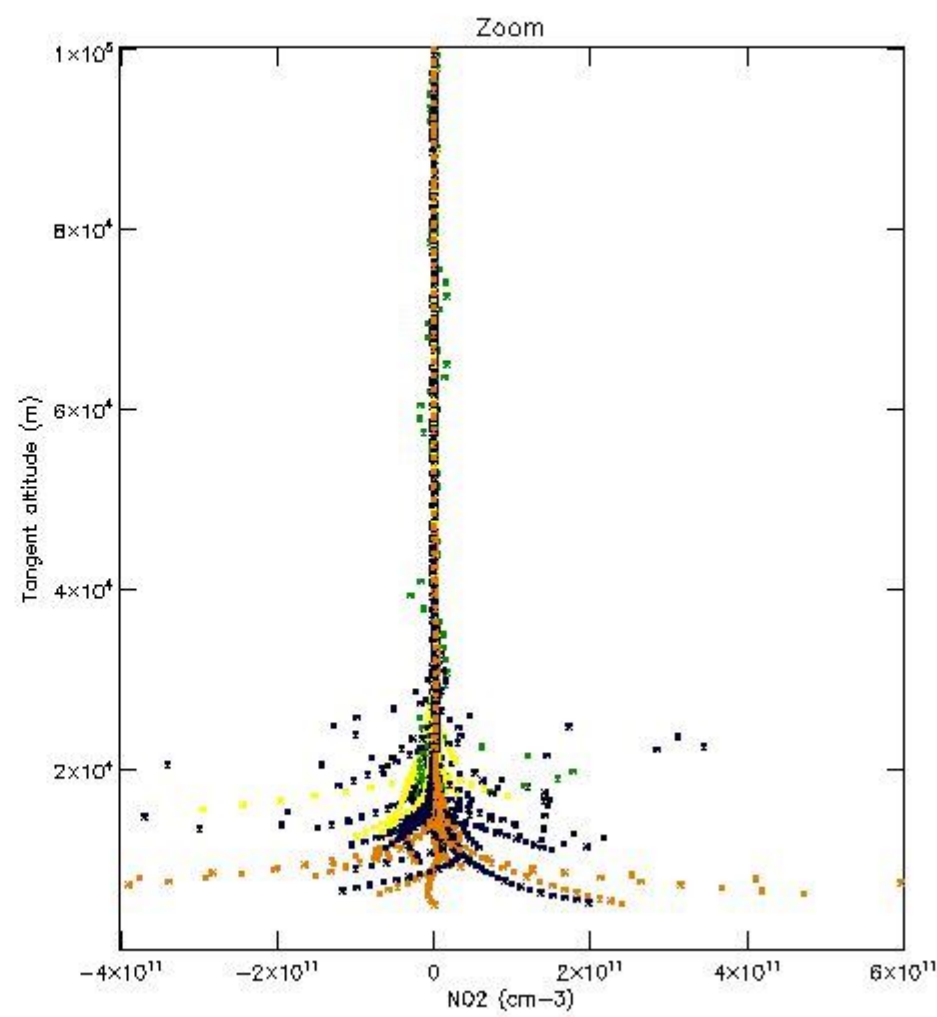
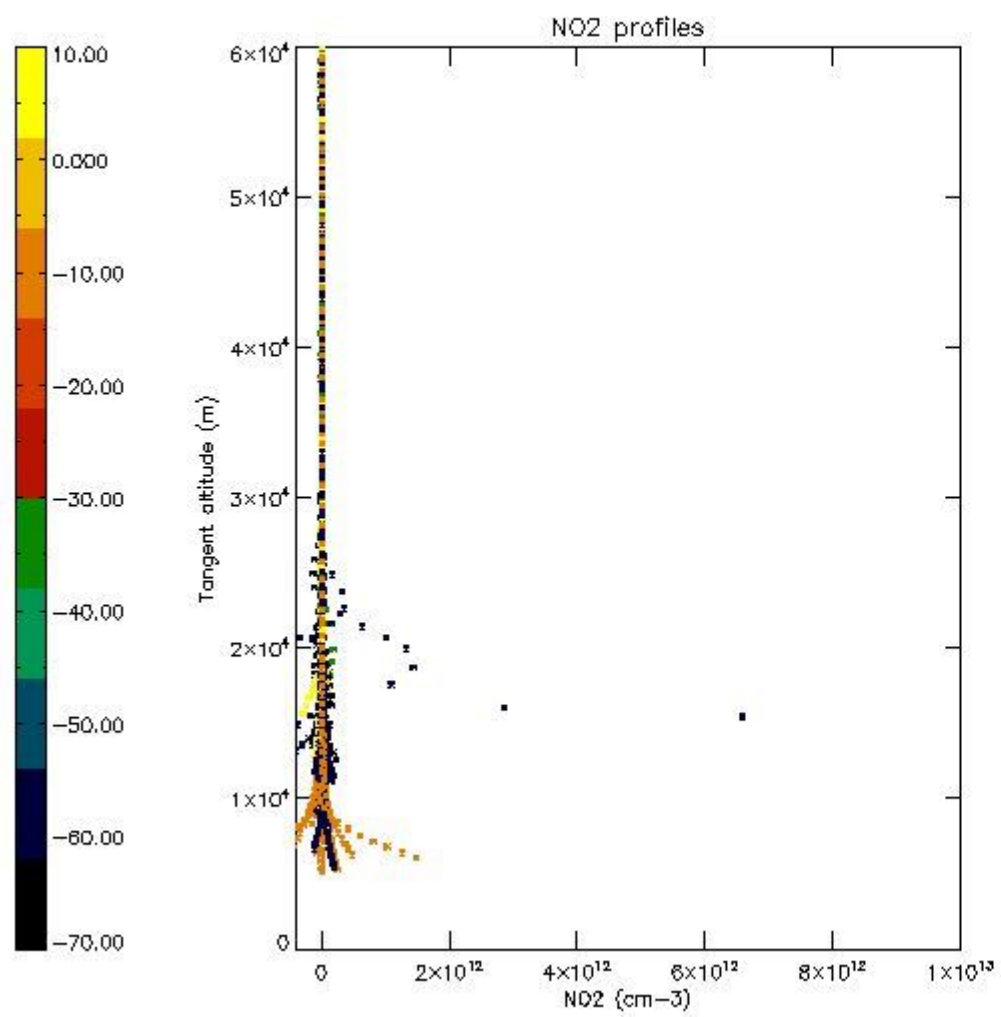
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

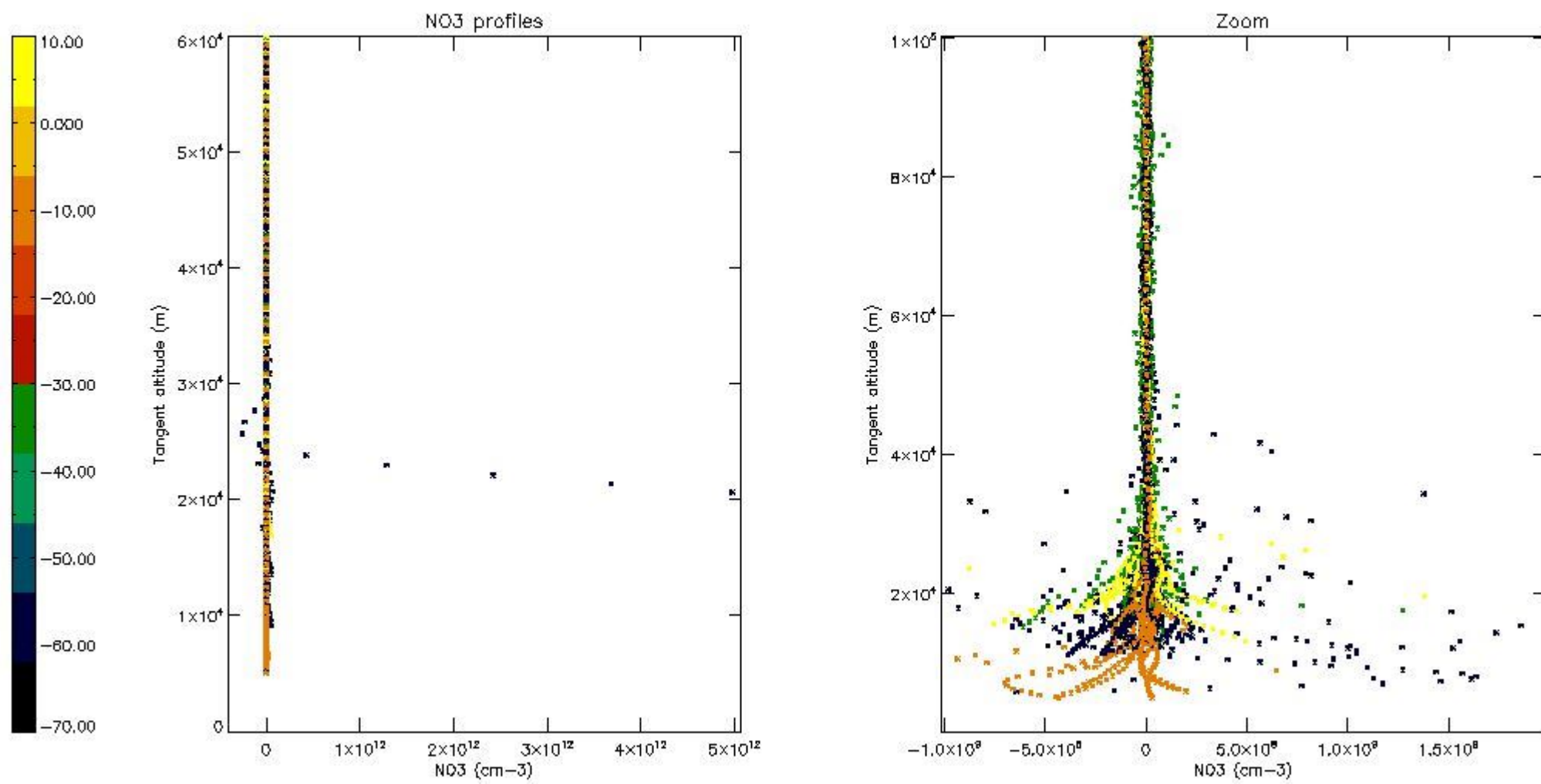
The colorbar represents the latitude.



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

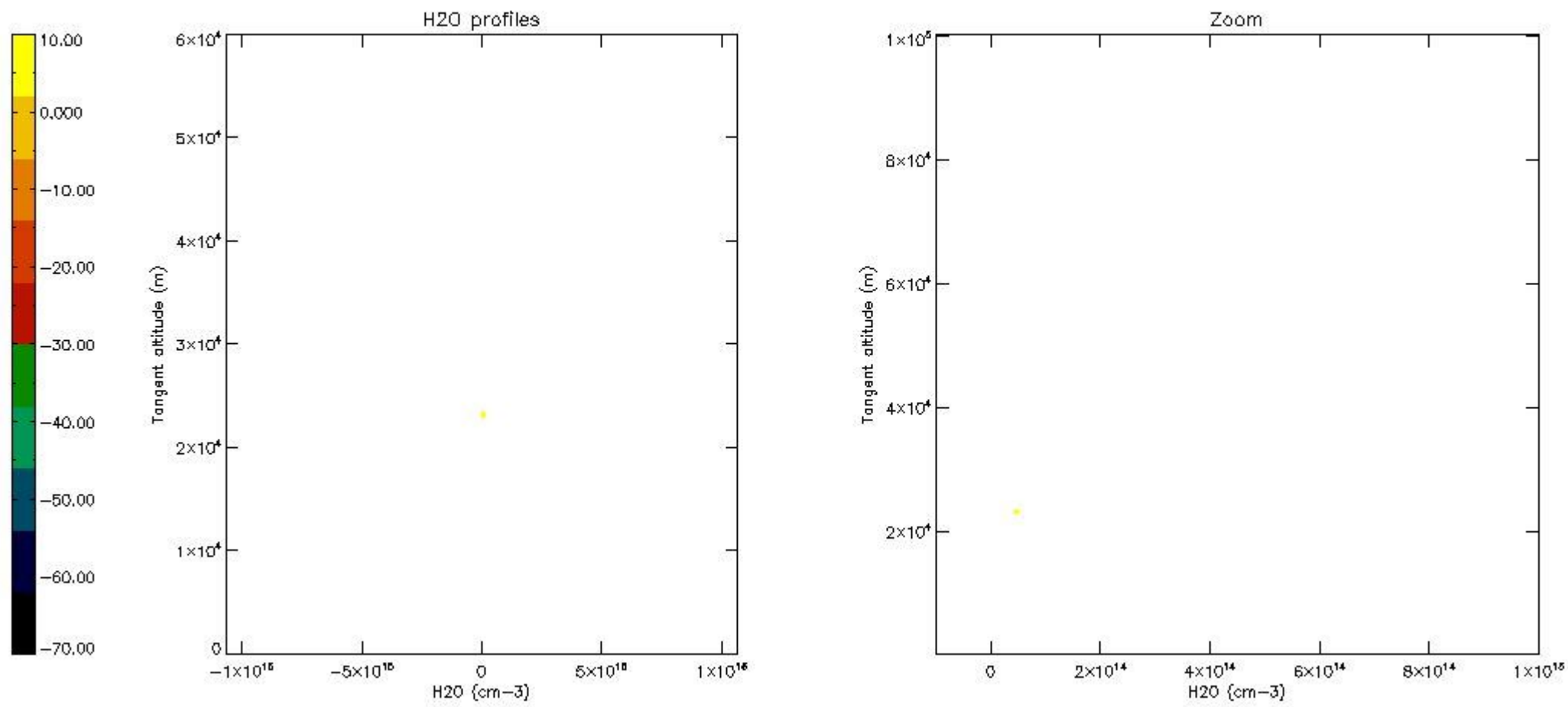
The colorbar represents the latitude.





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)

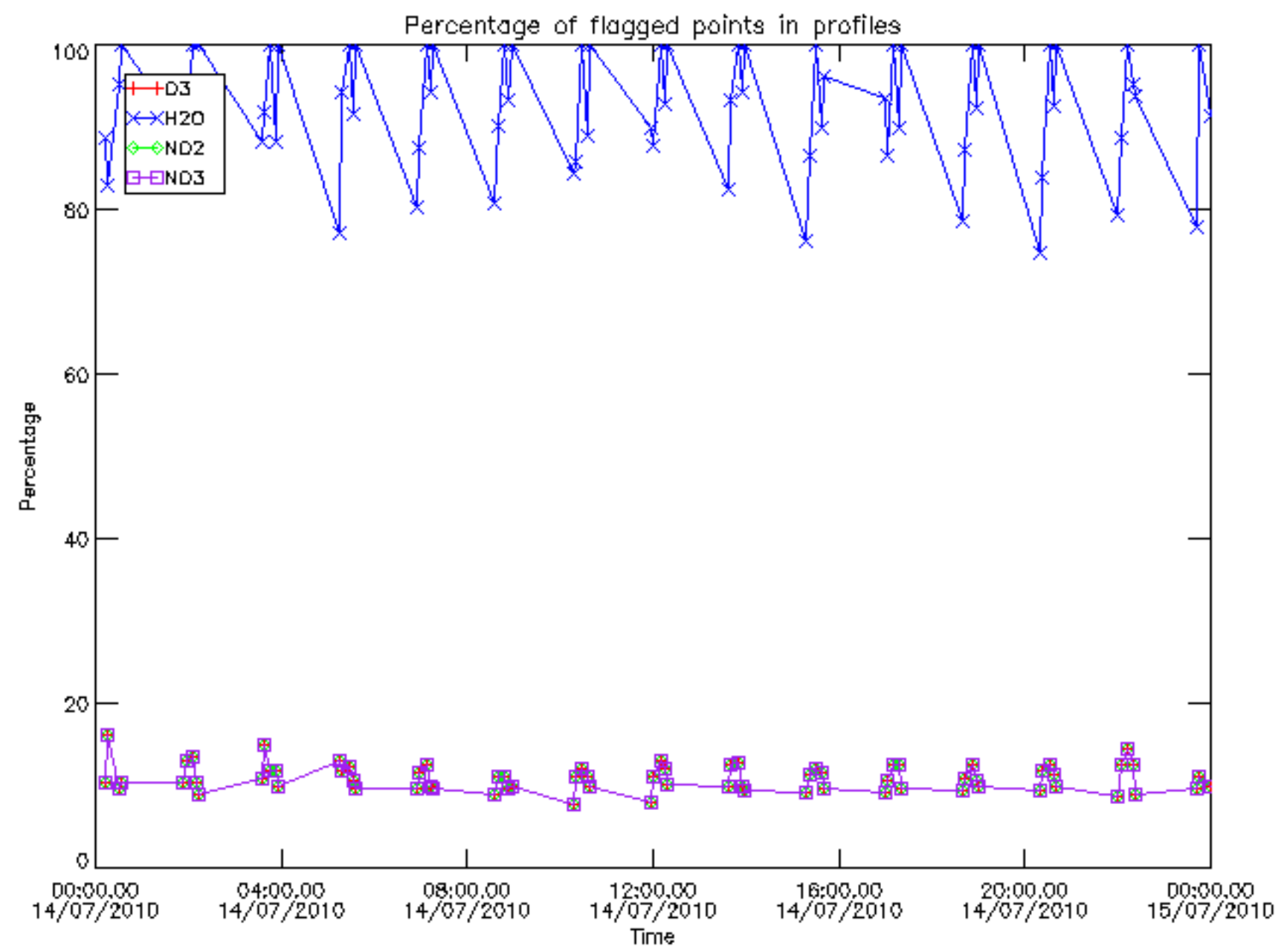
The colorbar represents the latitude.



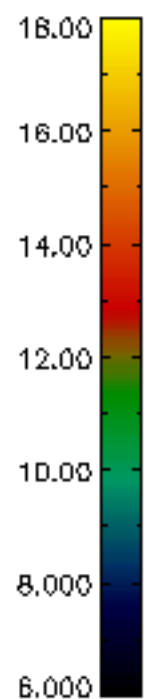
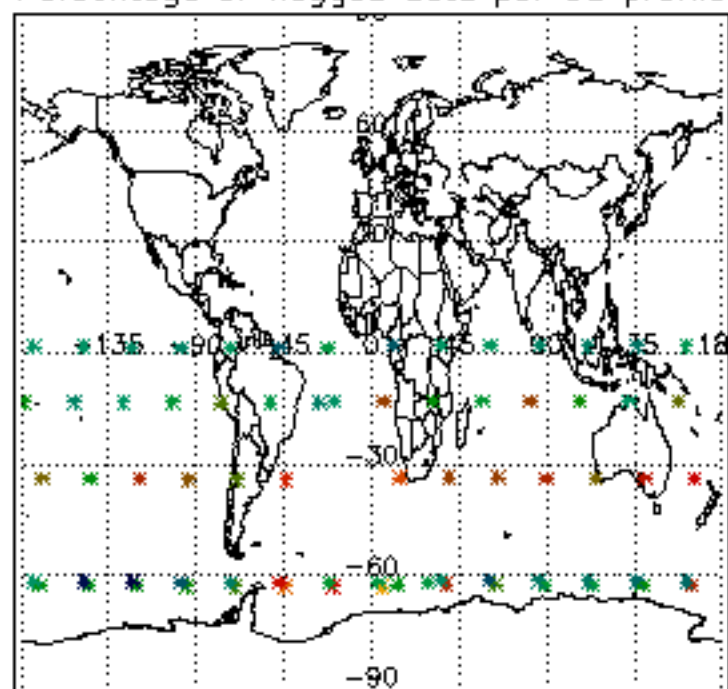
## 6. Auxiliary Data Files used for the production reported in section 2

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.

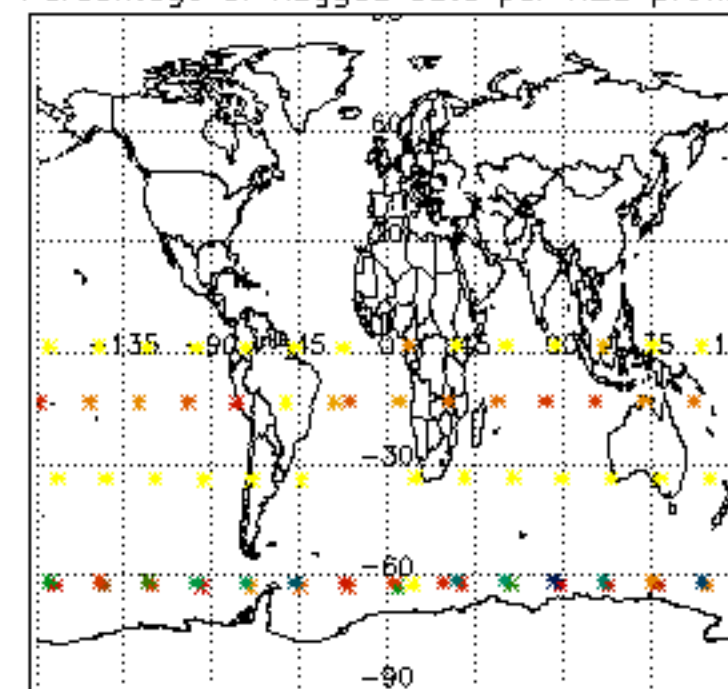
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	14-JUL-2010 00:02:37
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-JUL-2010 00:02:37
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-JUL-2010 00:02:37



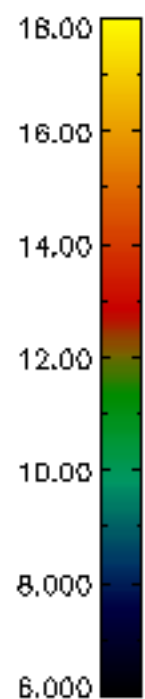
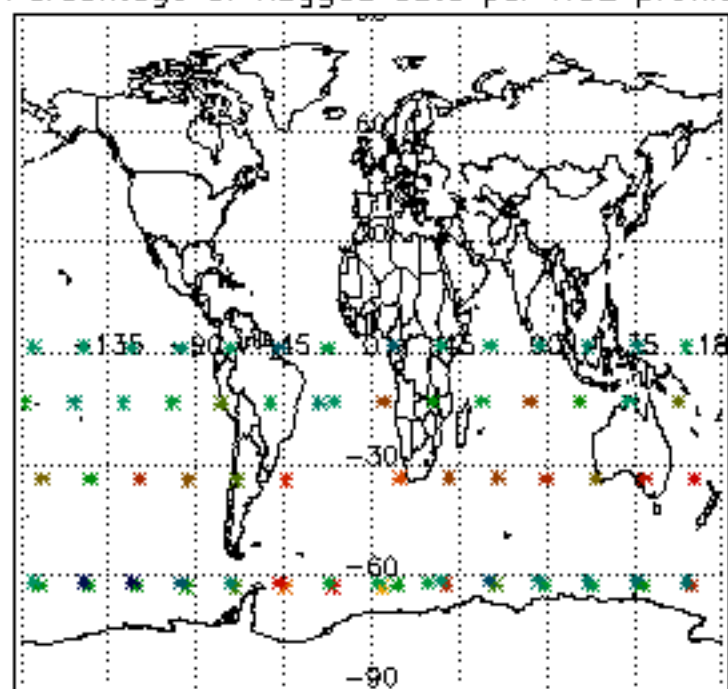
Percentage of flagged data per D3 profile



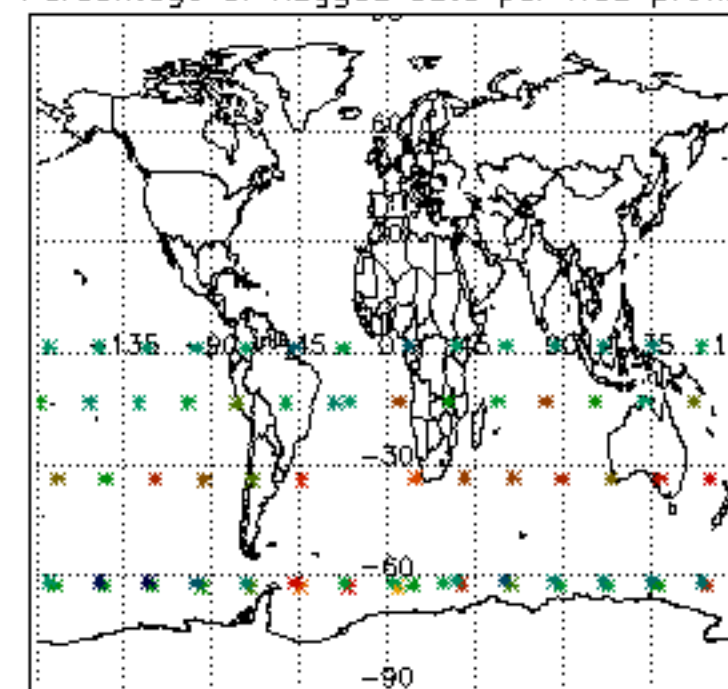
Percentage of flagged data per H2O profile



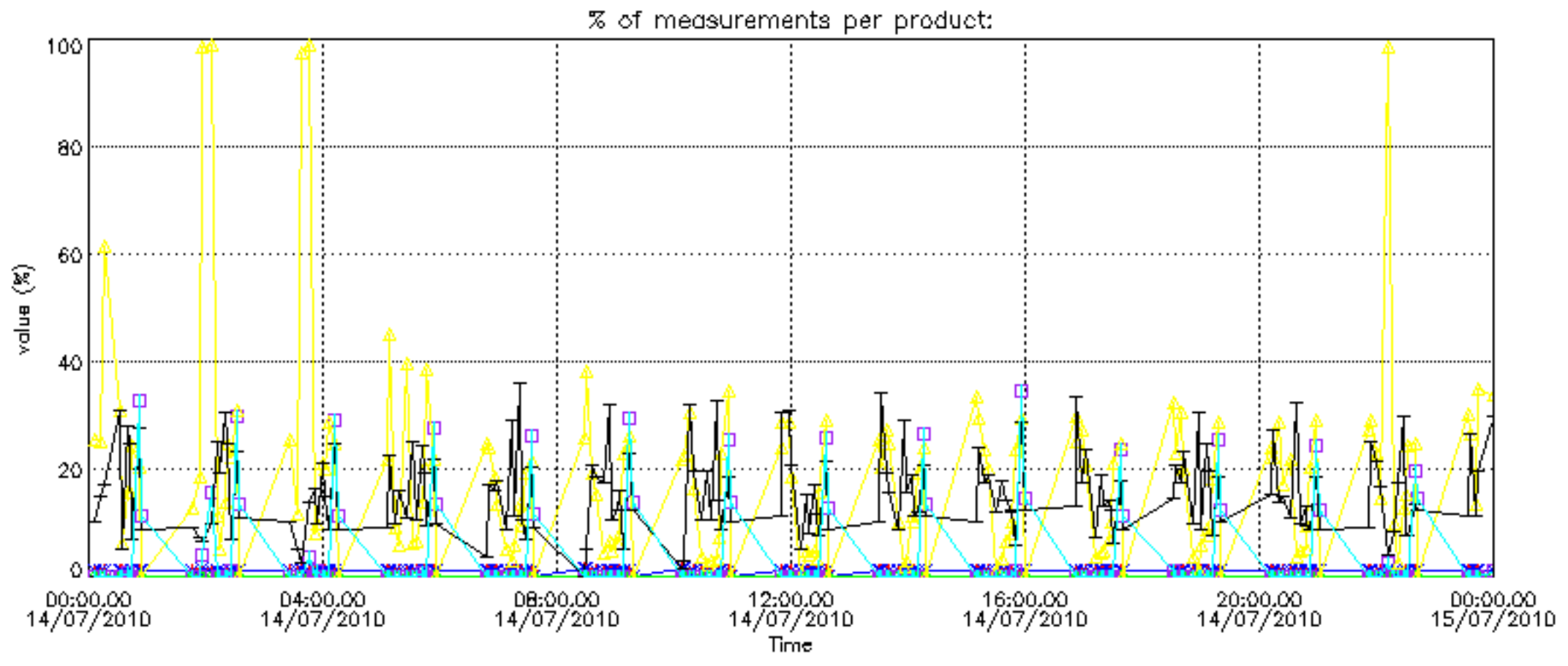
Percentage of flagged data per NO2 profile

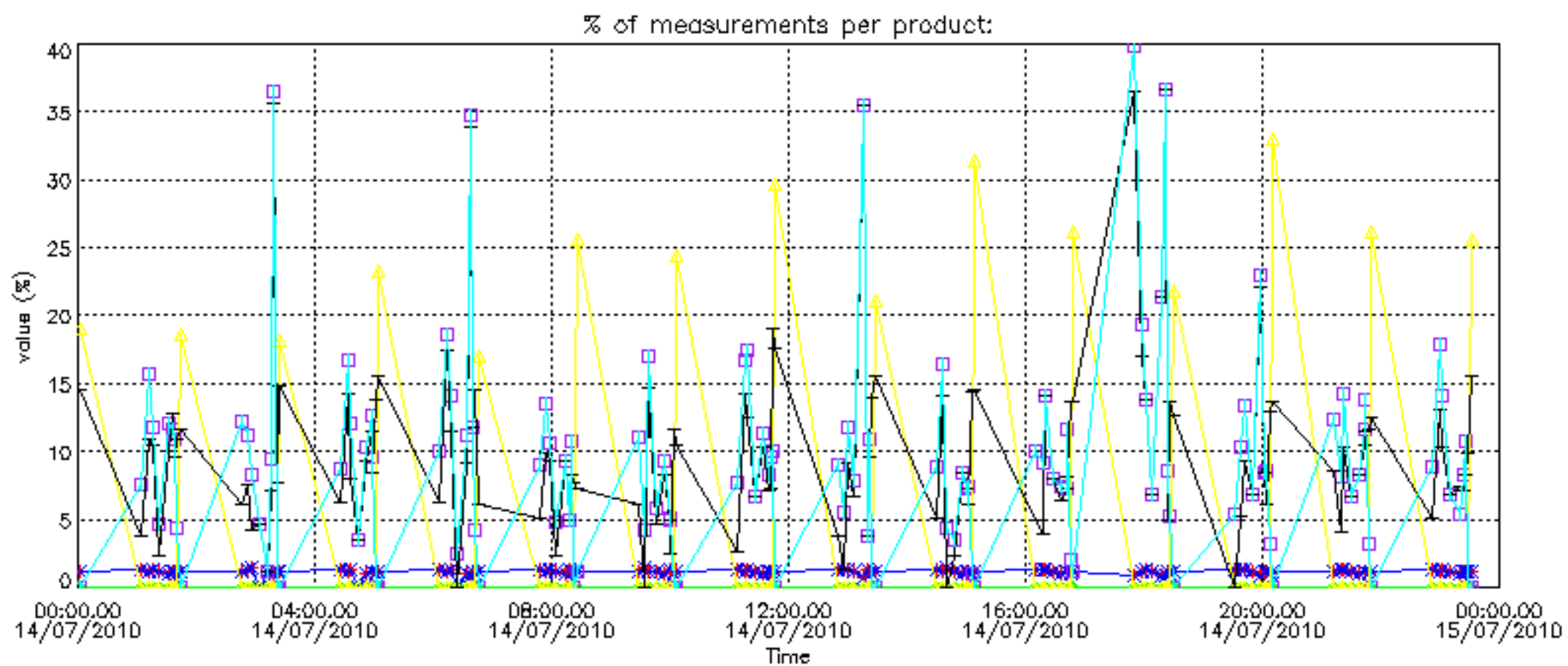


Percentage of flagged data per NO3 profile

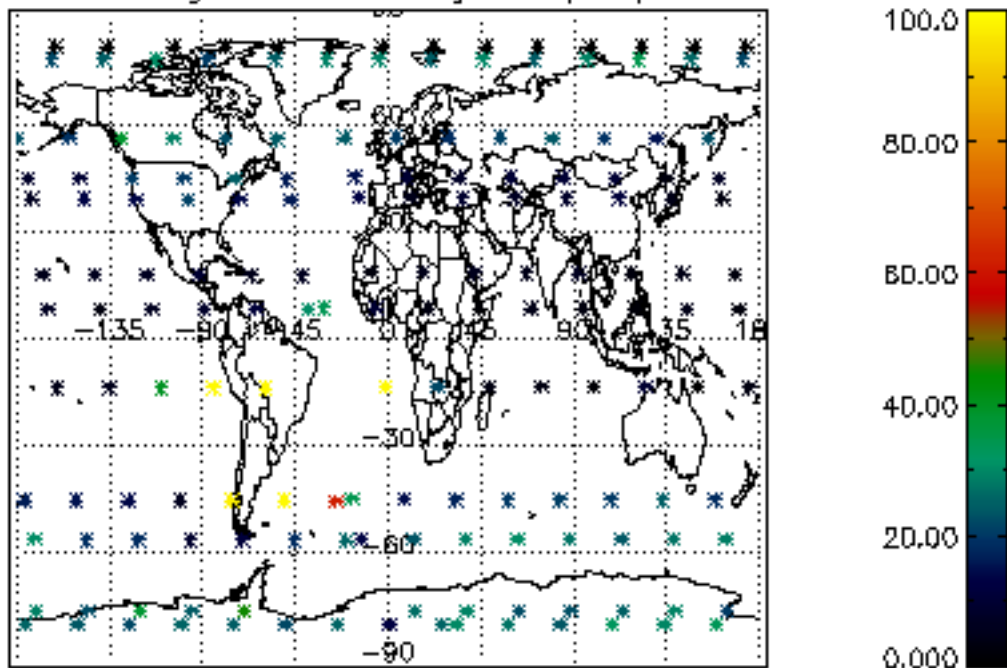




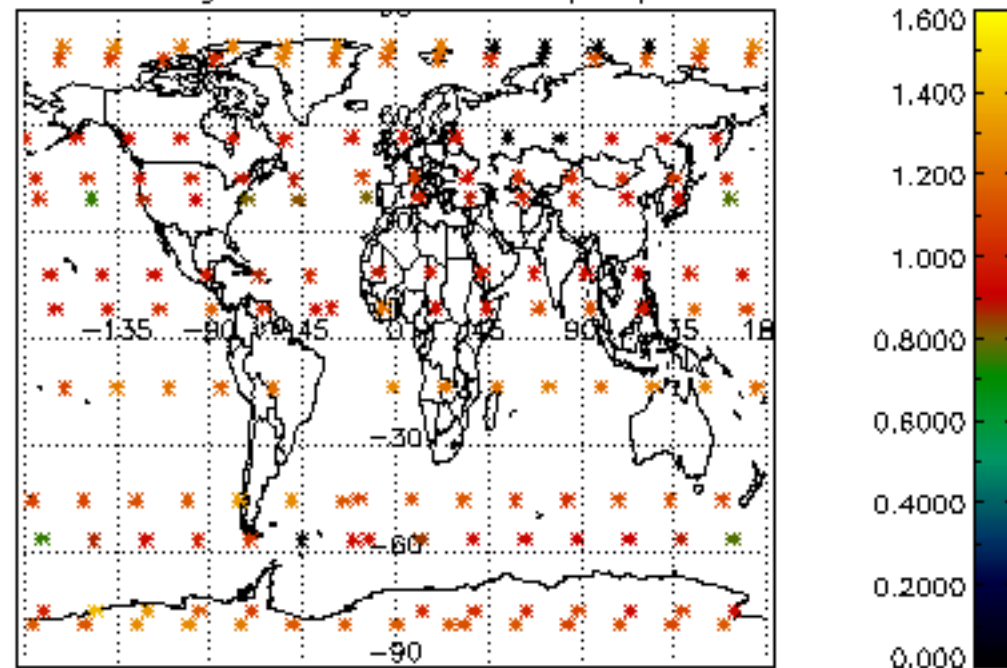




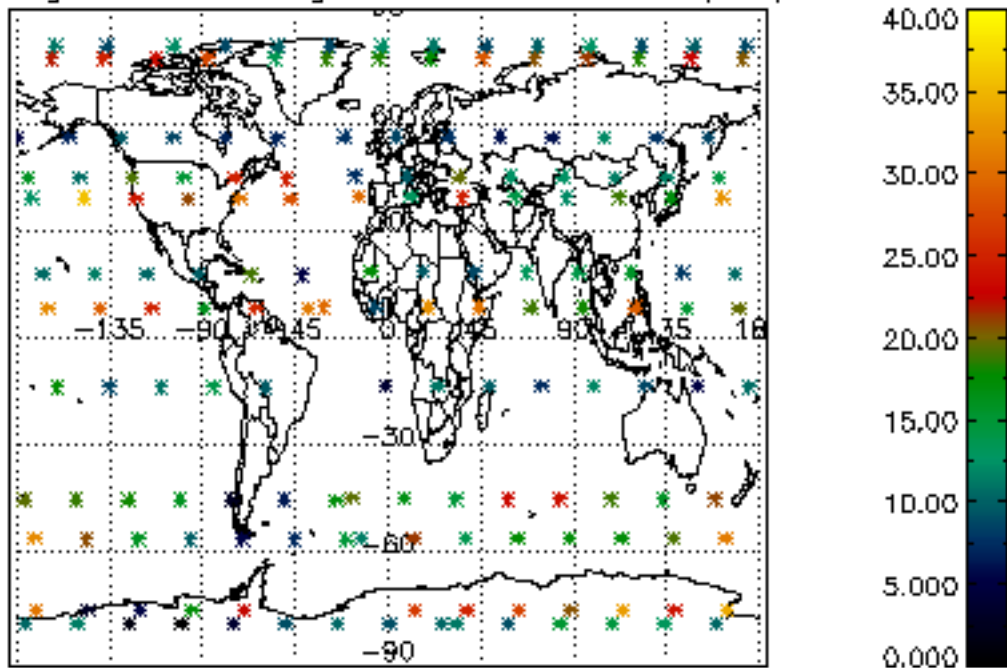
Percentage of cosmic ray hits per profile



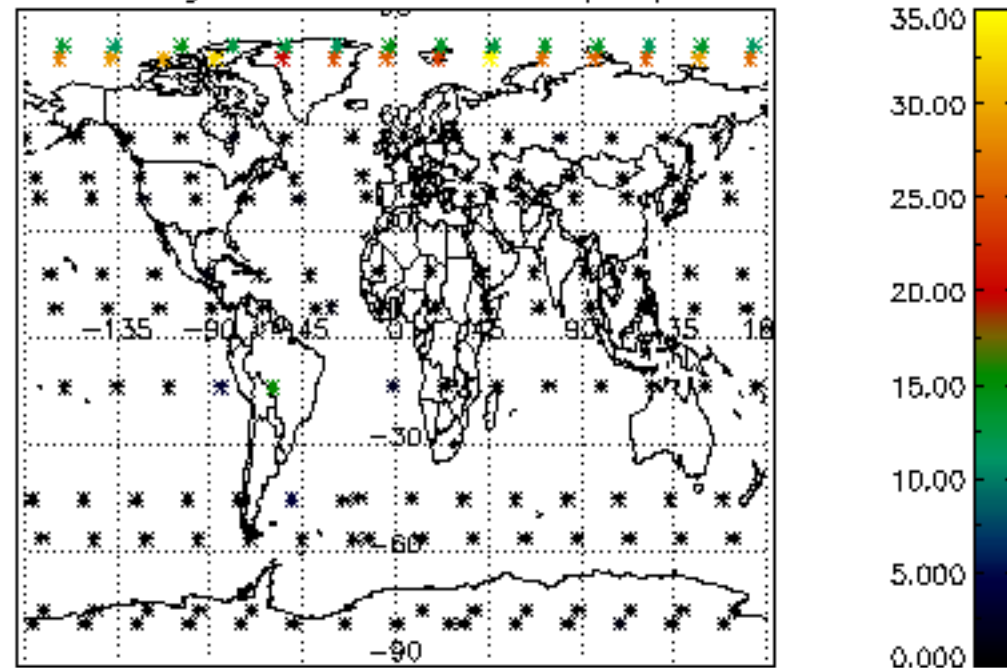
Percentage of datation errors per profile



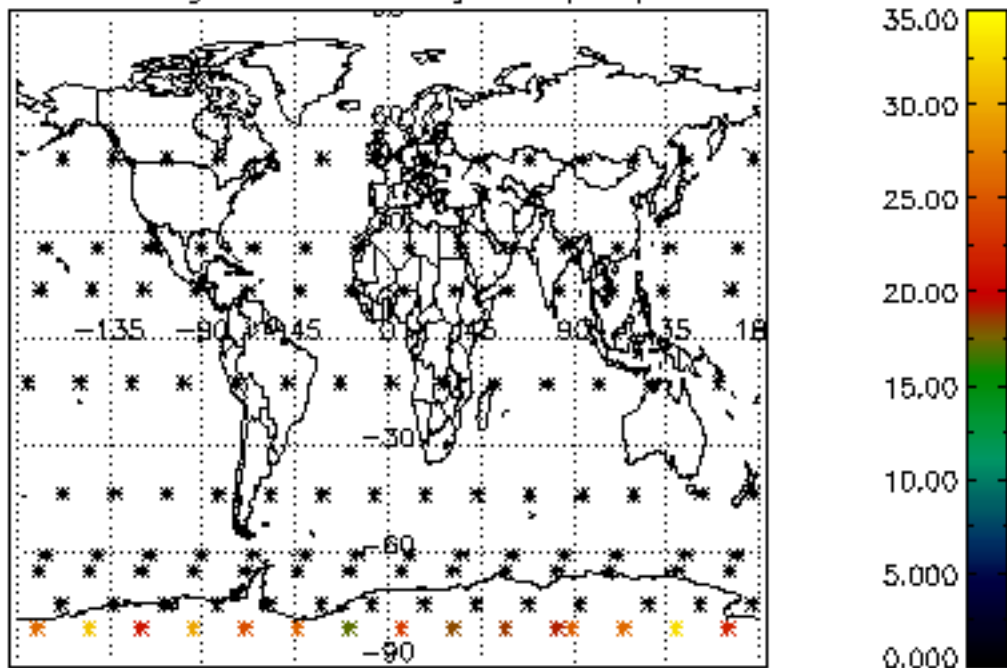
Percentage of star falling outside central band per profile



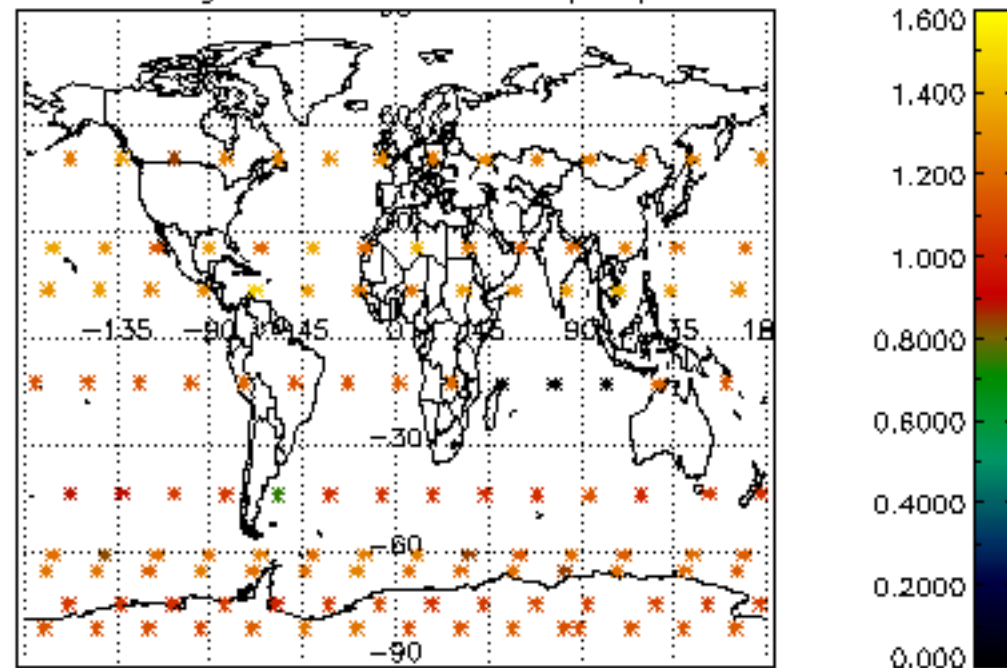
Percentage of saturation errors per profile



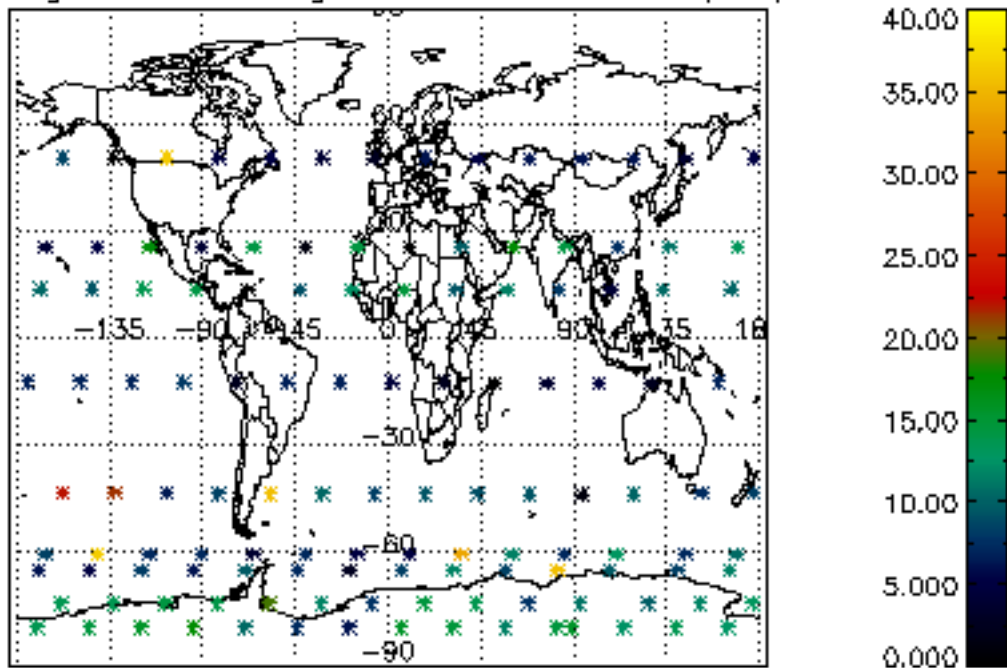
Percentage of cosmic ray hits per profile



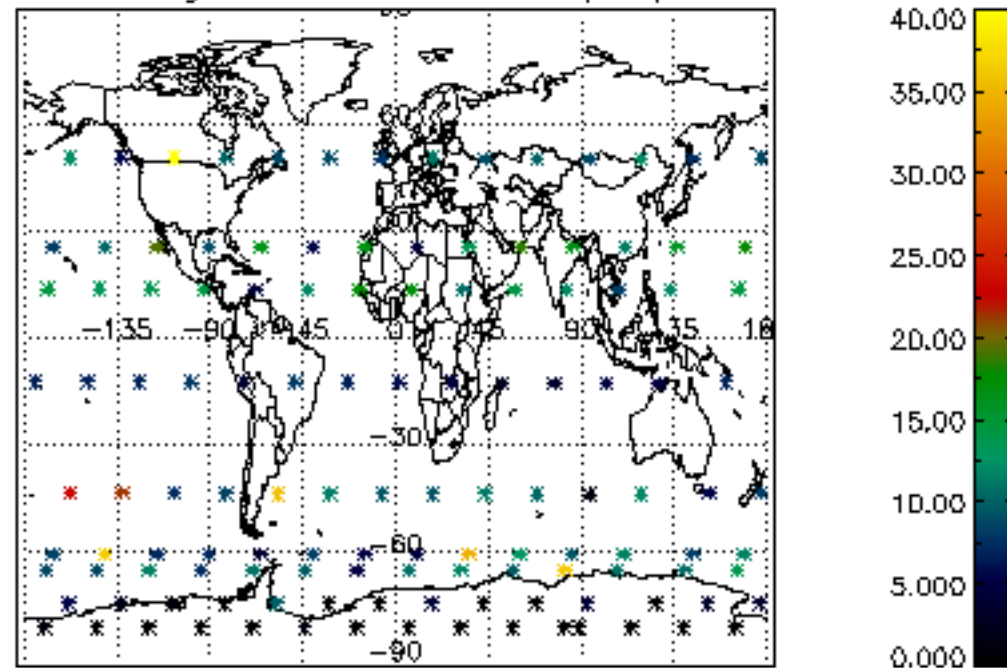
Percentage of datation errors per profile



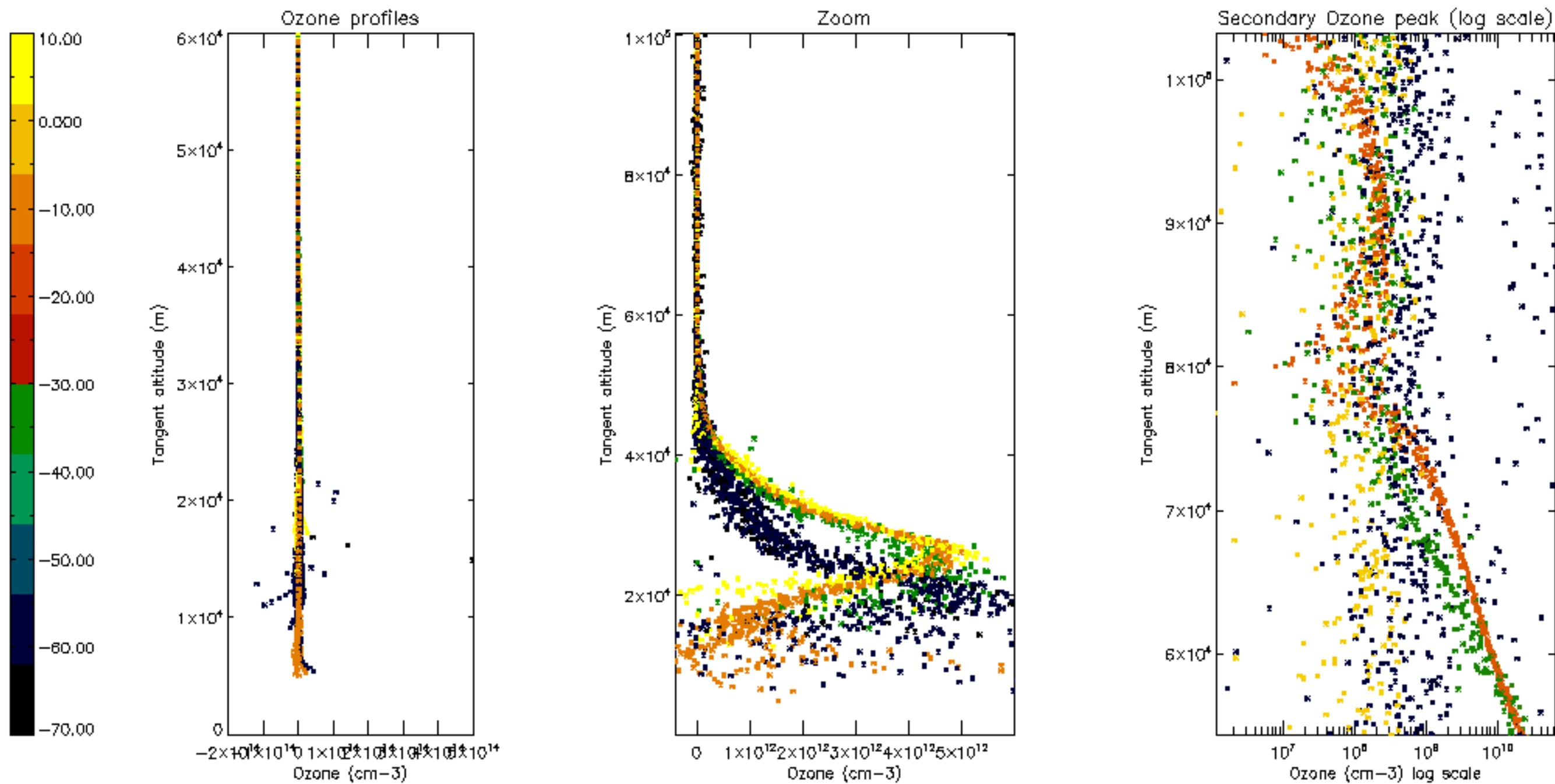
Percentage of star falling outside central band per profile

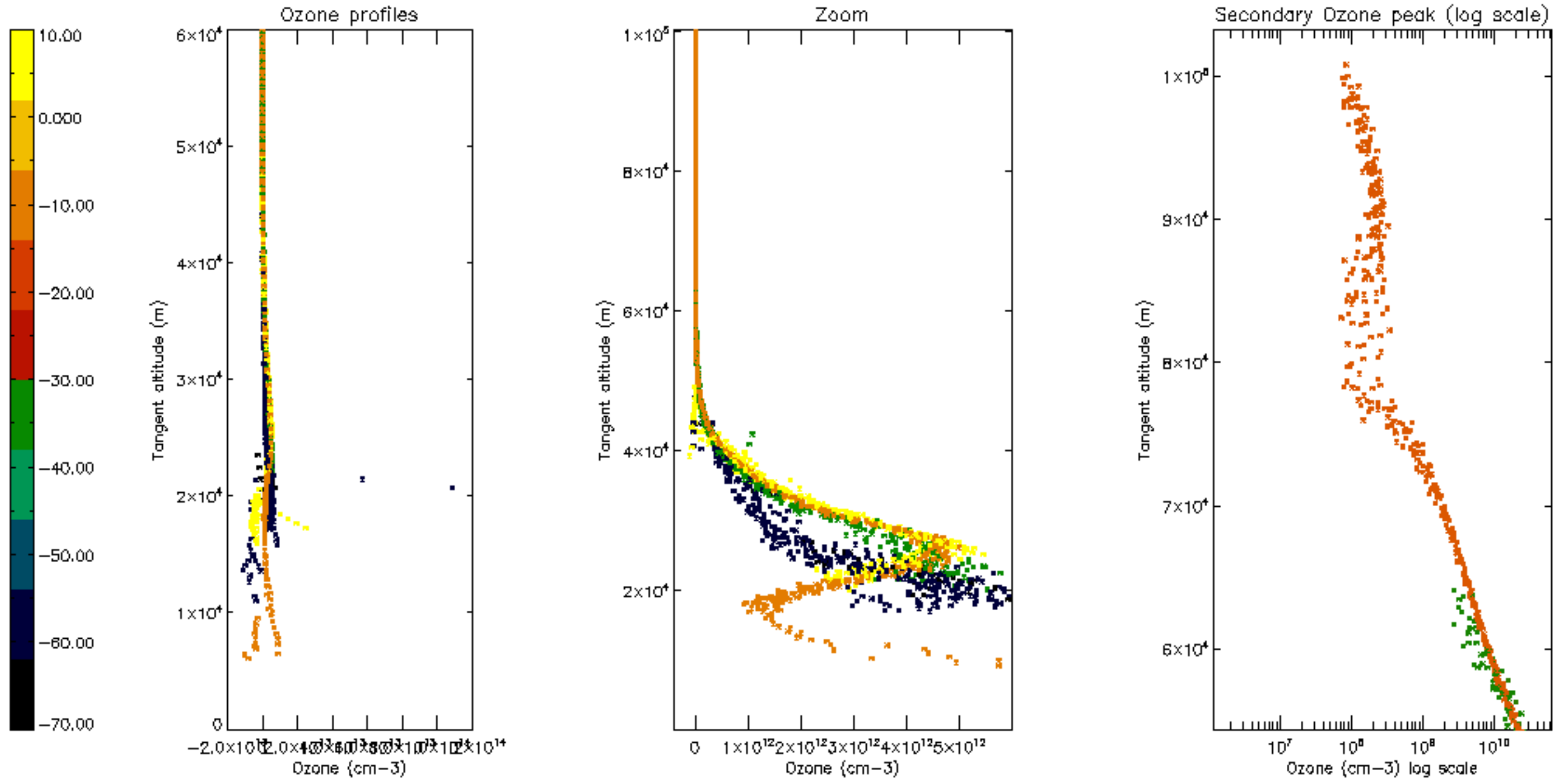


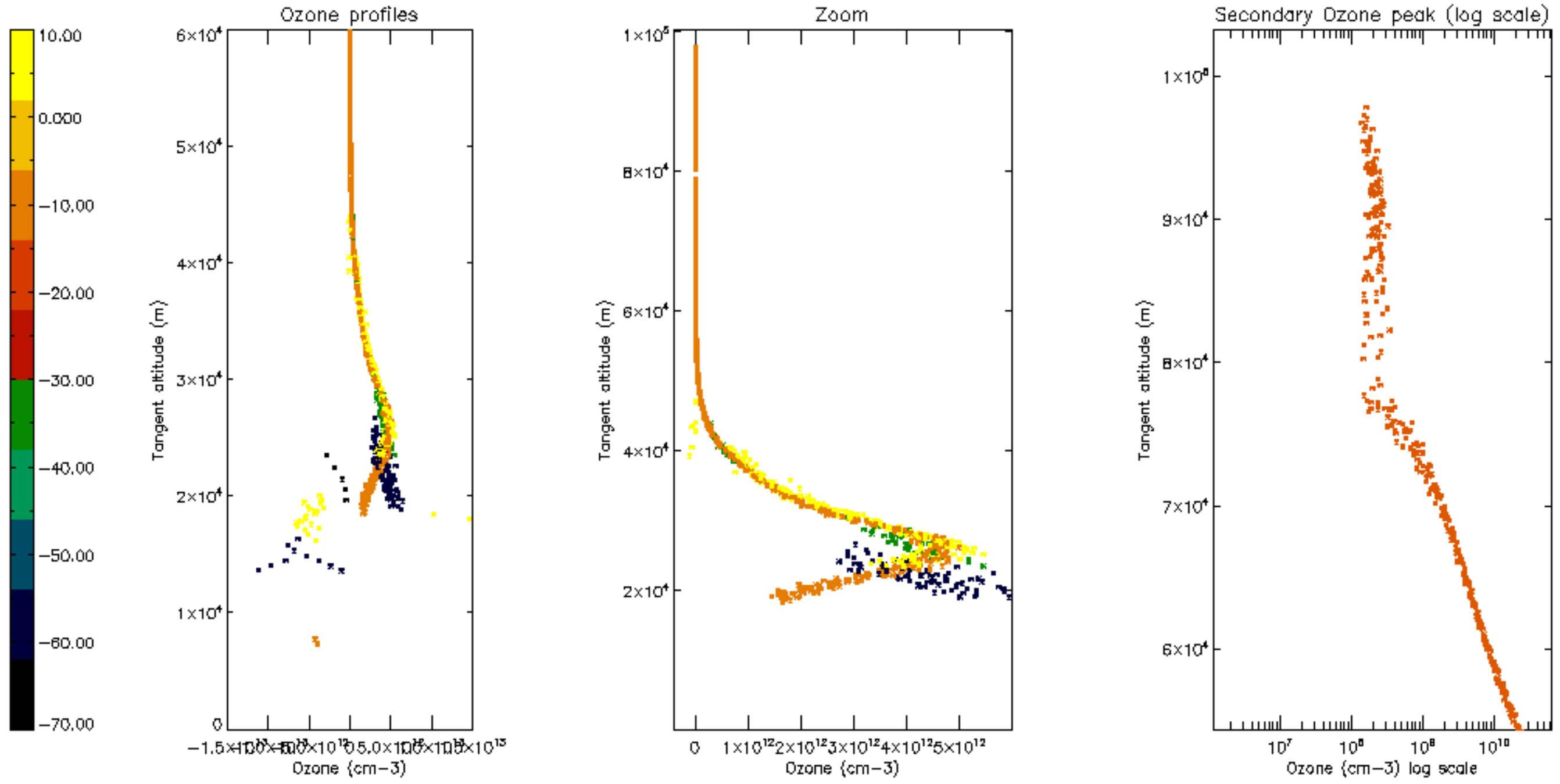
Percentage of saturation errors per profile

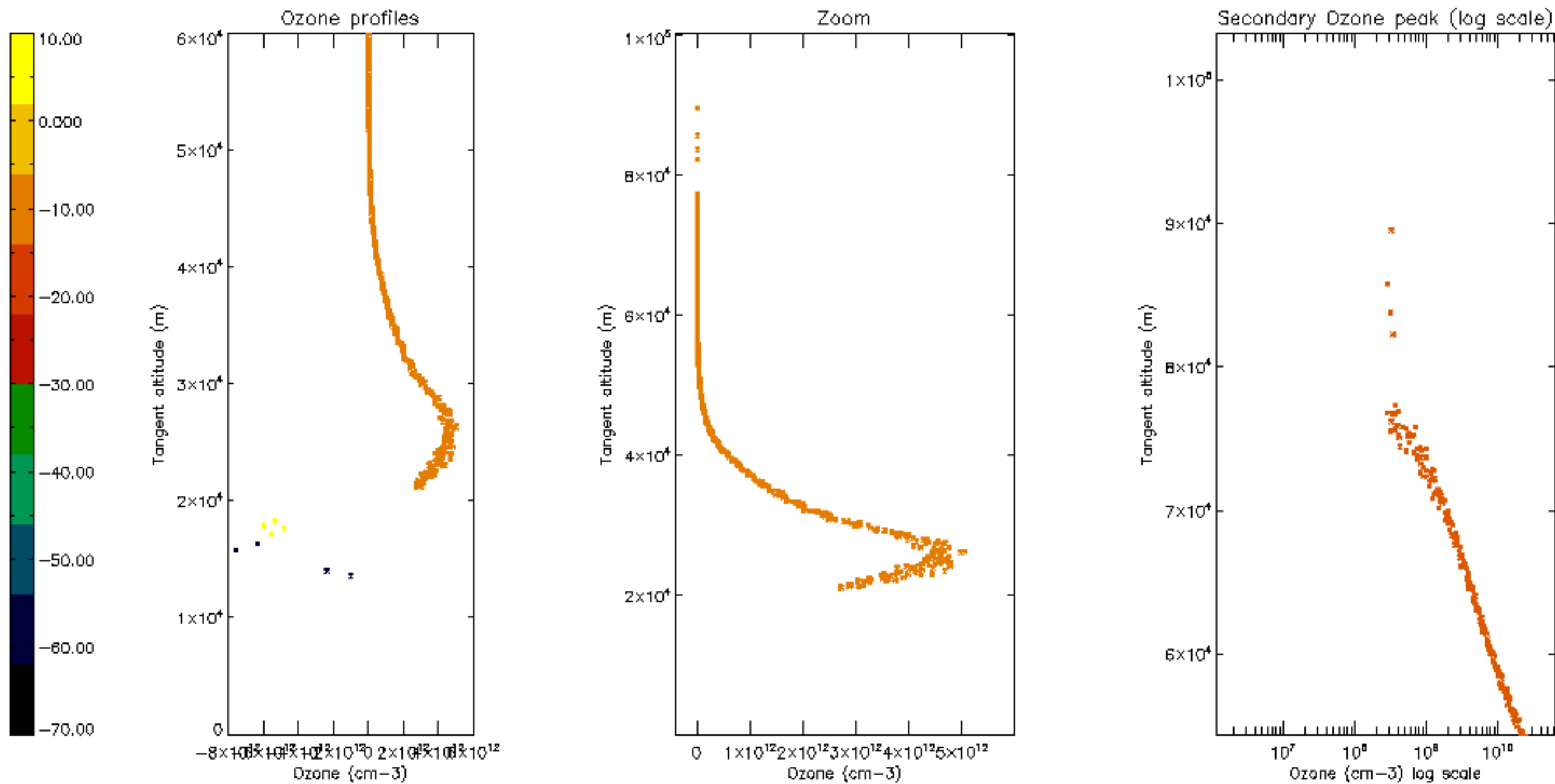




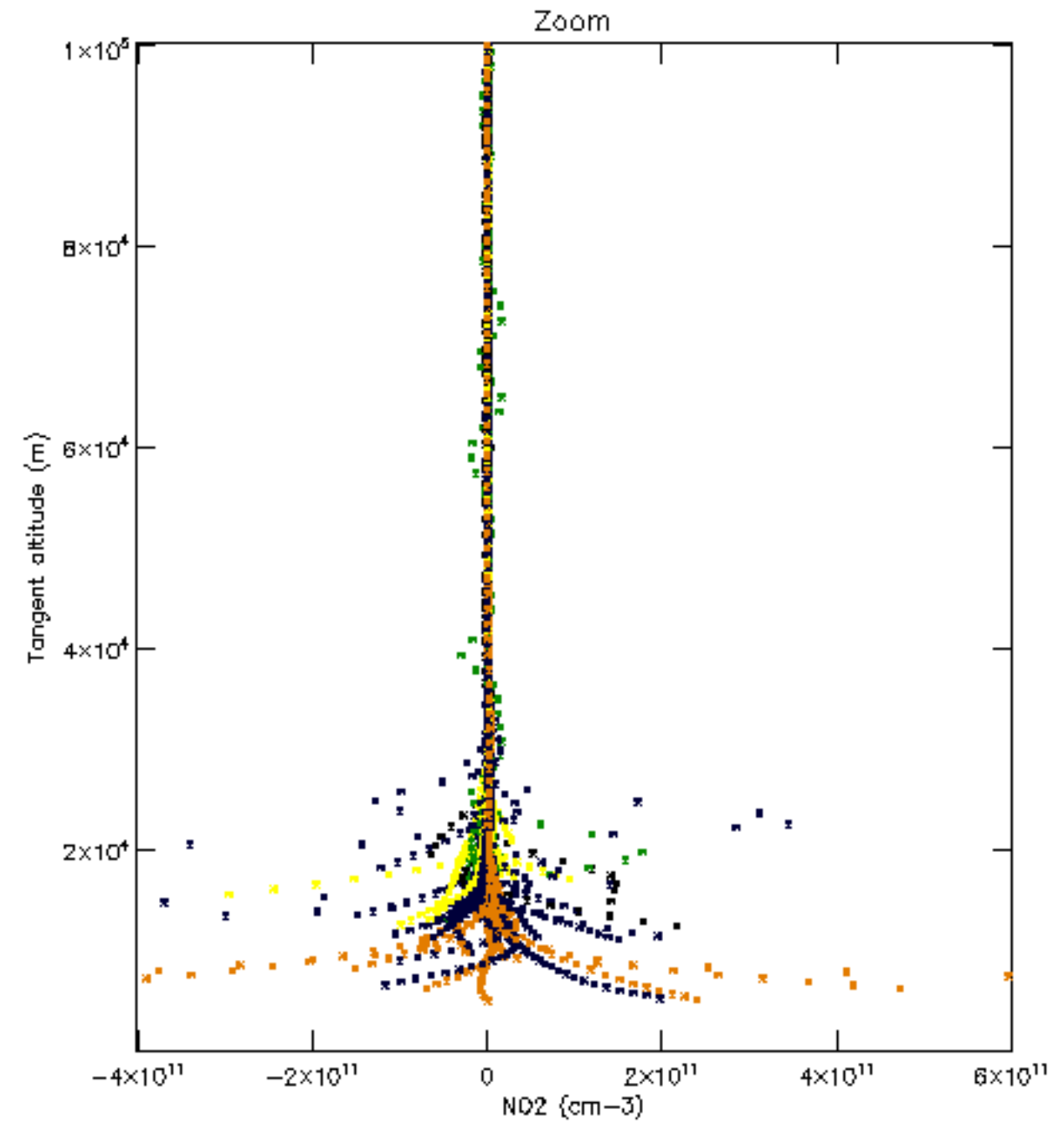
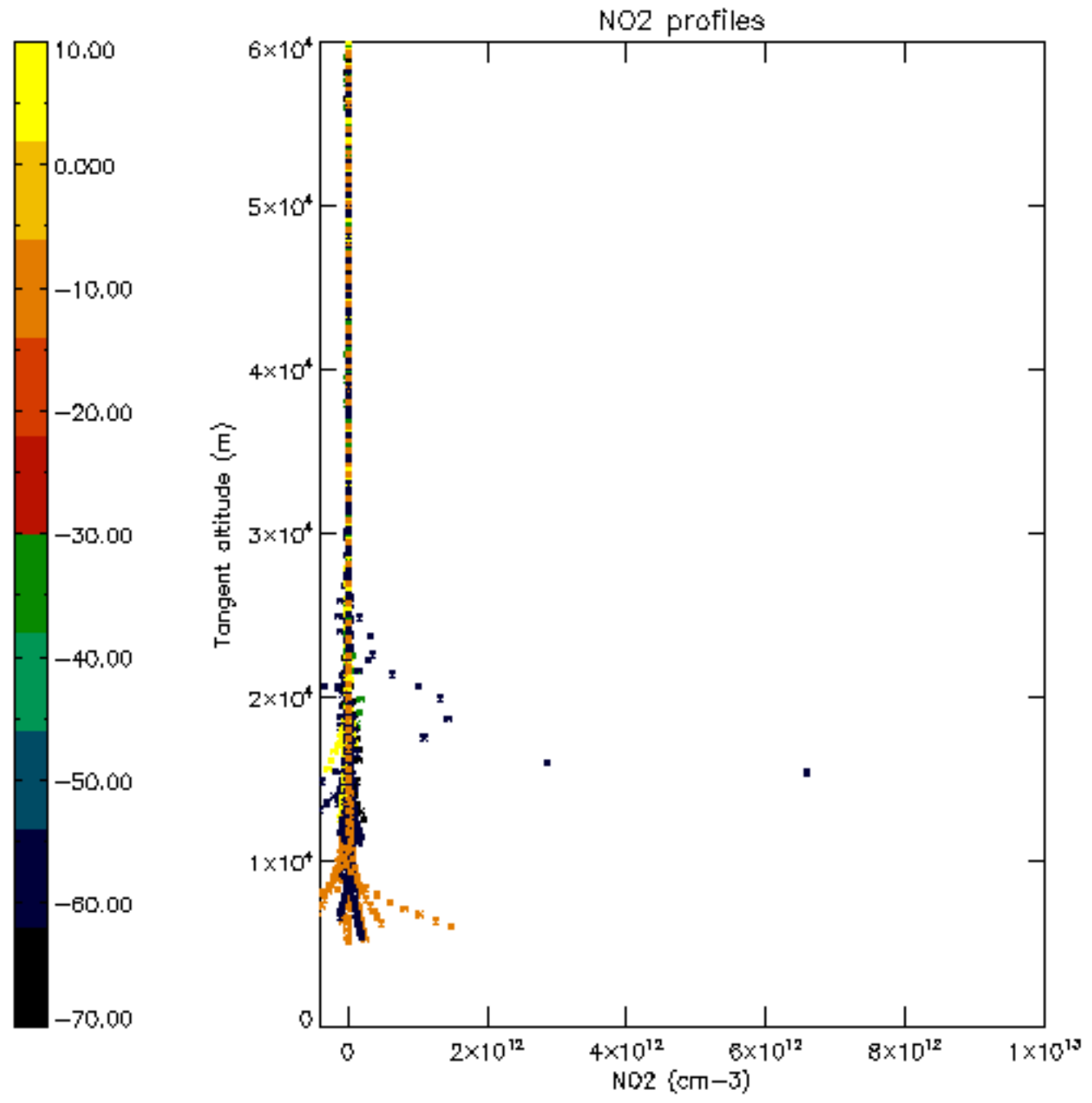


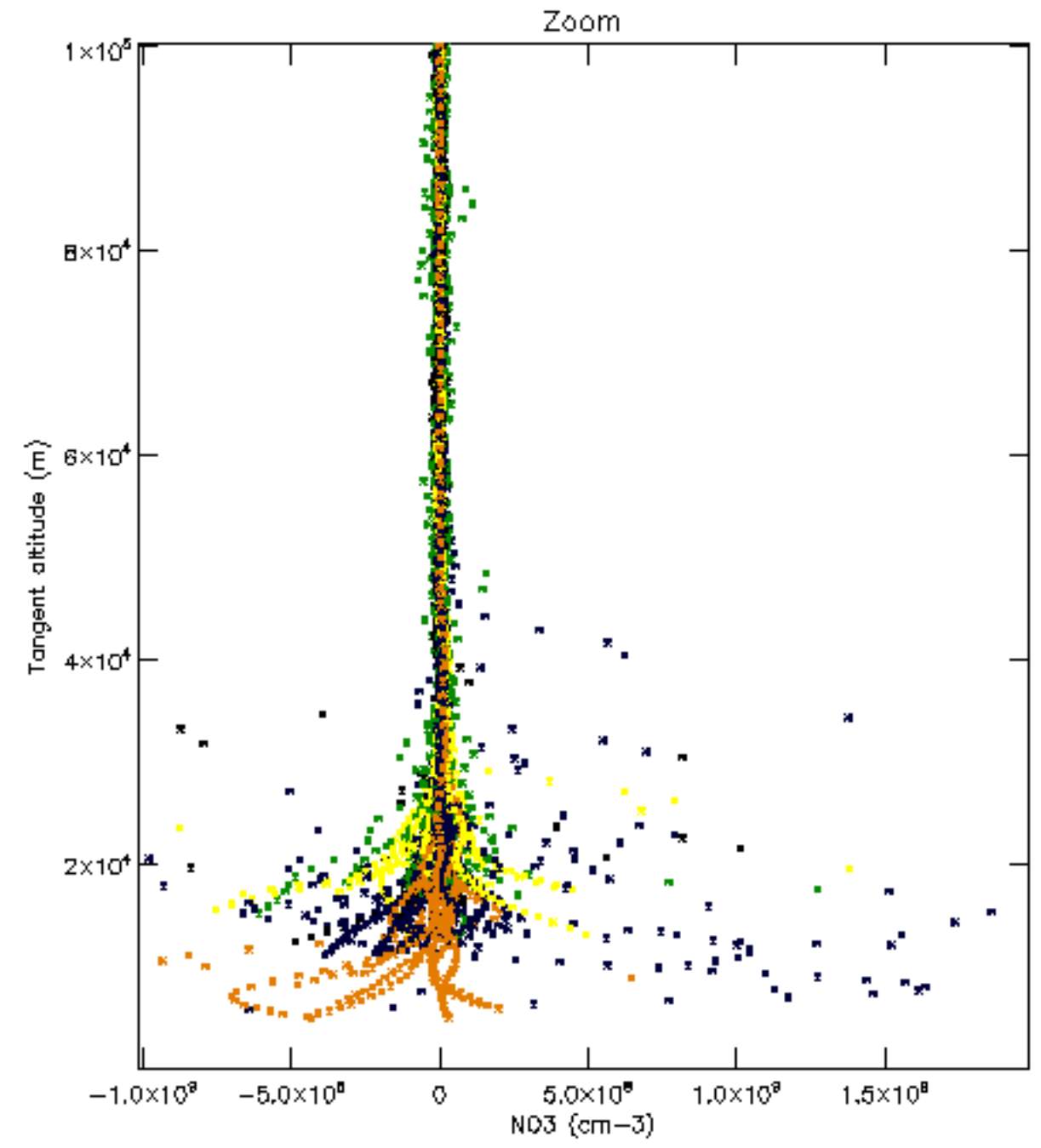
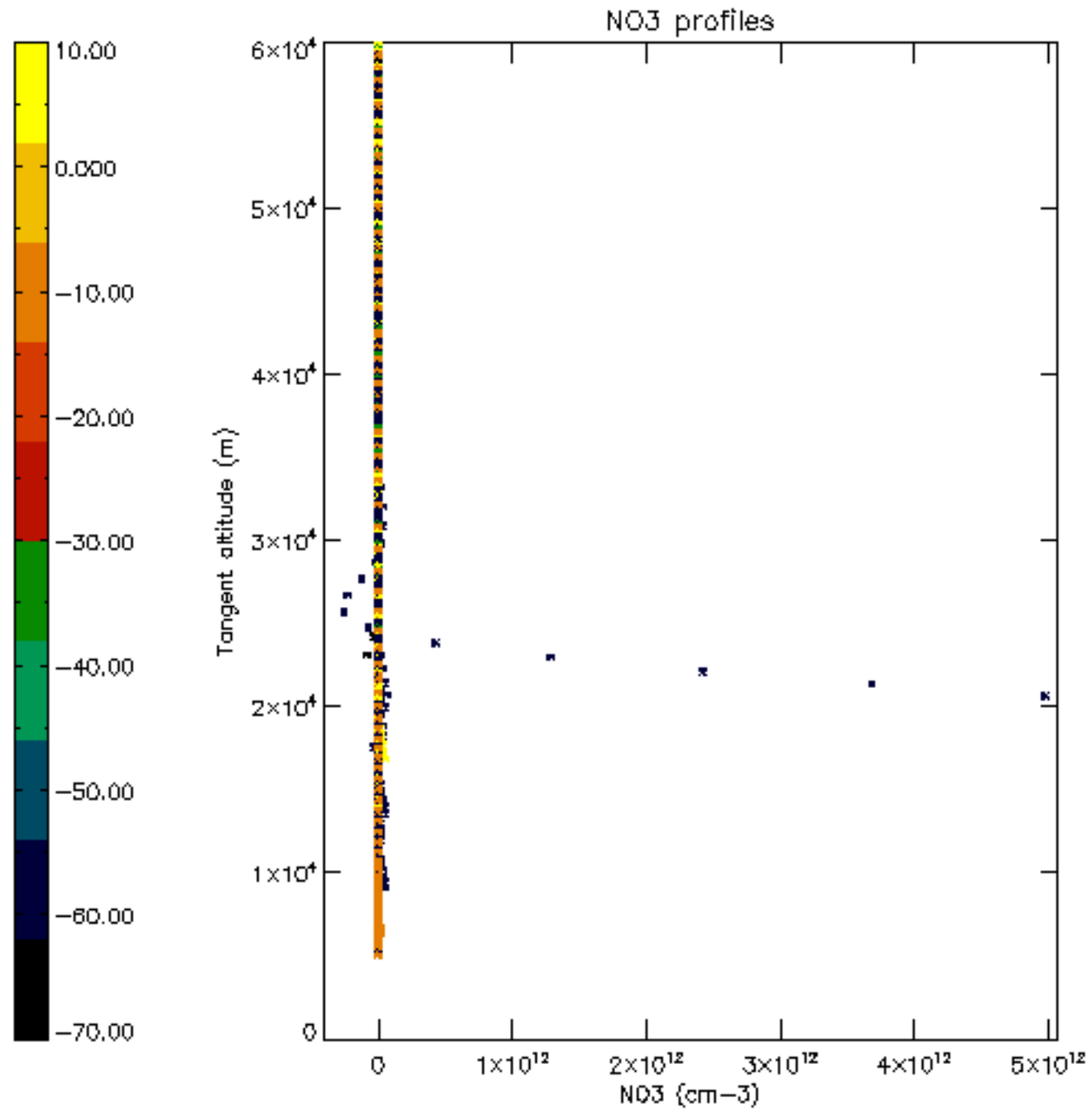


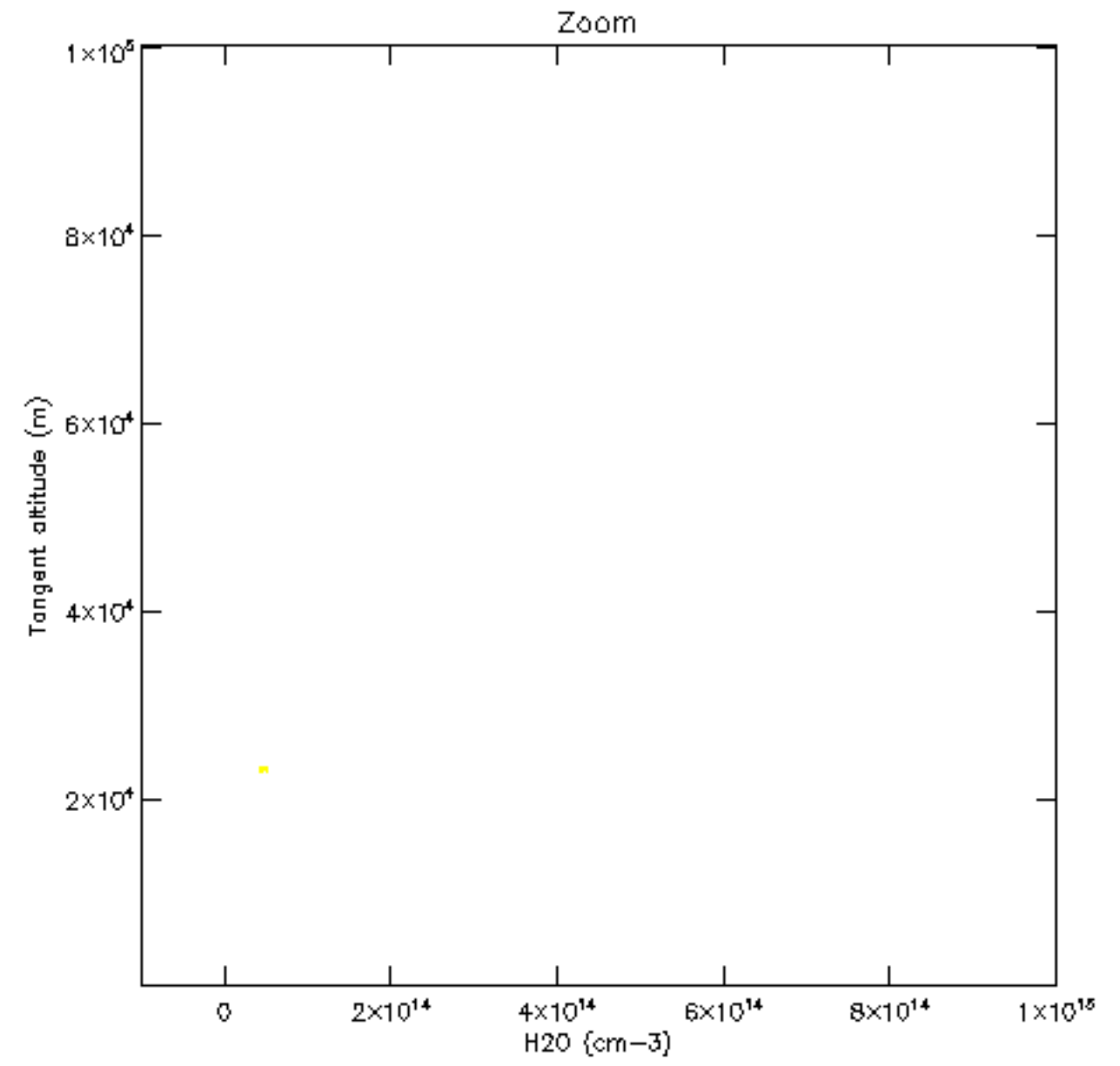
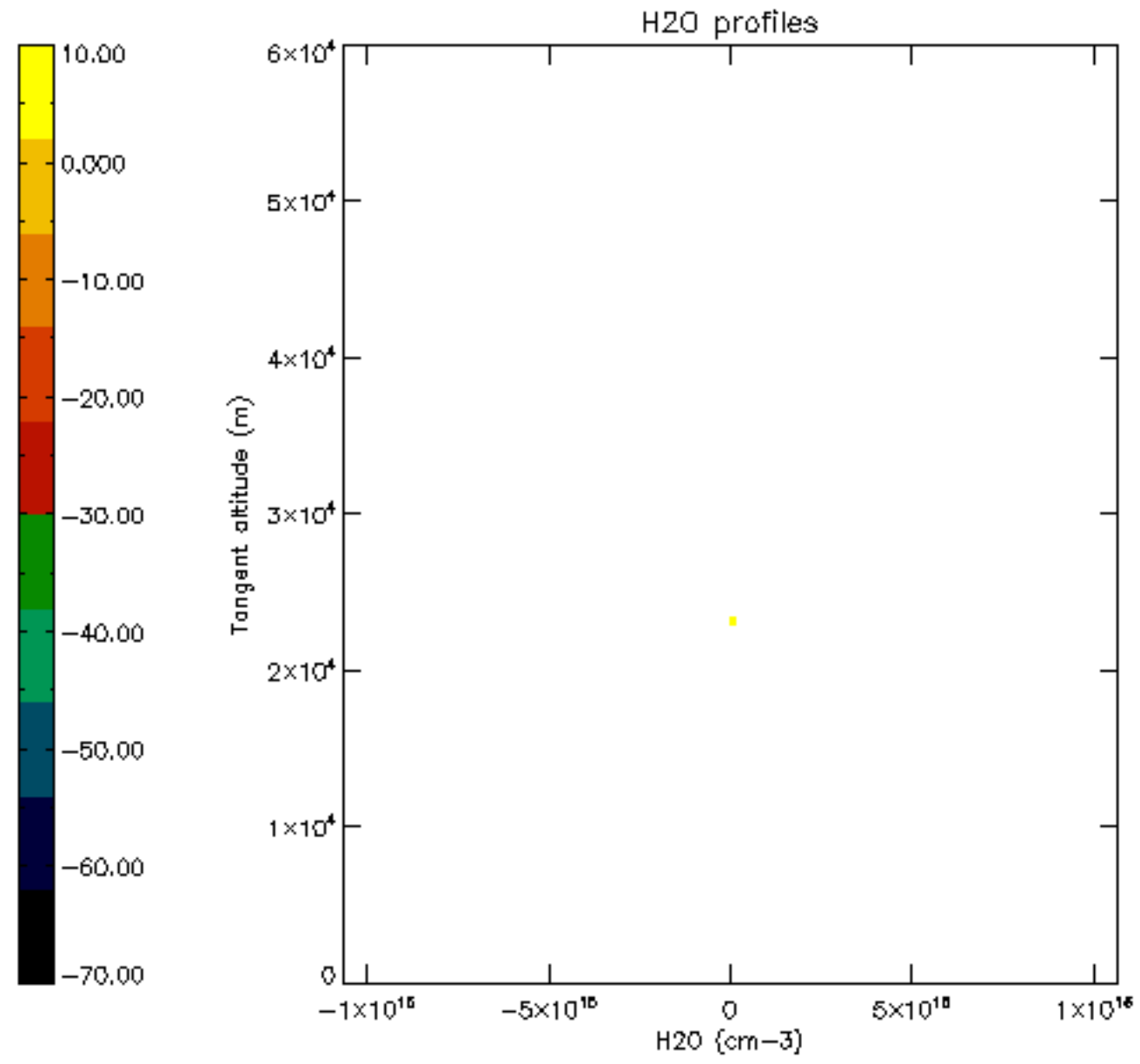




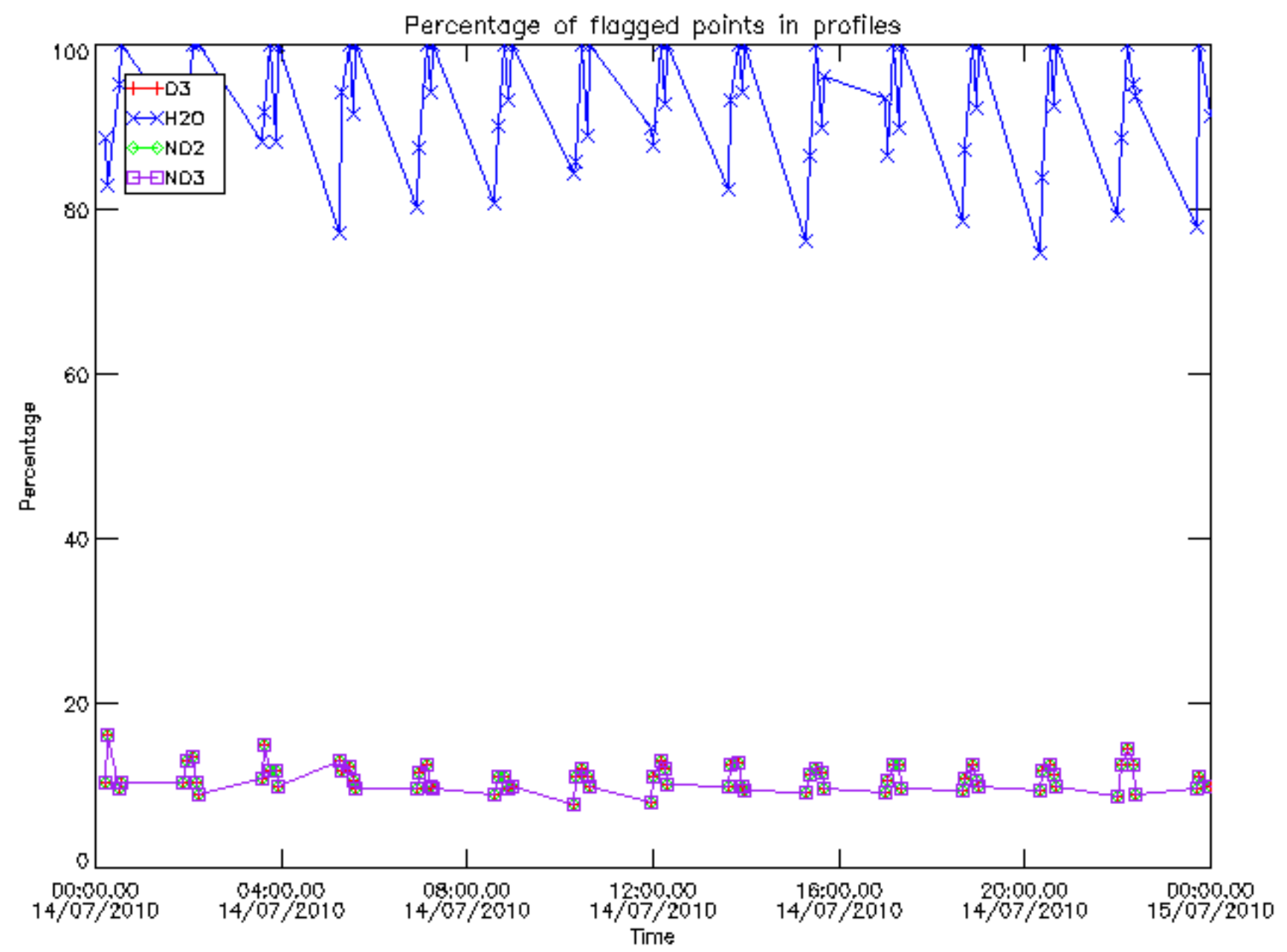




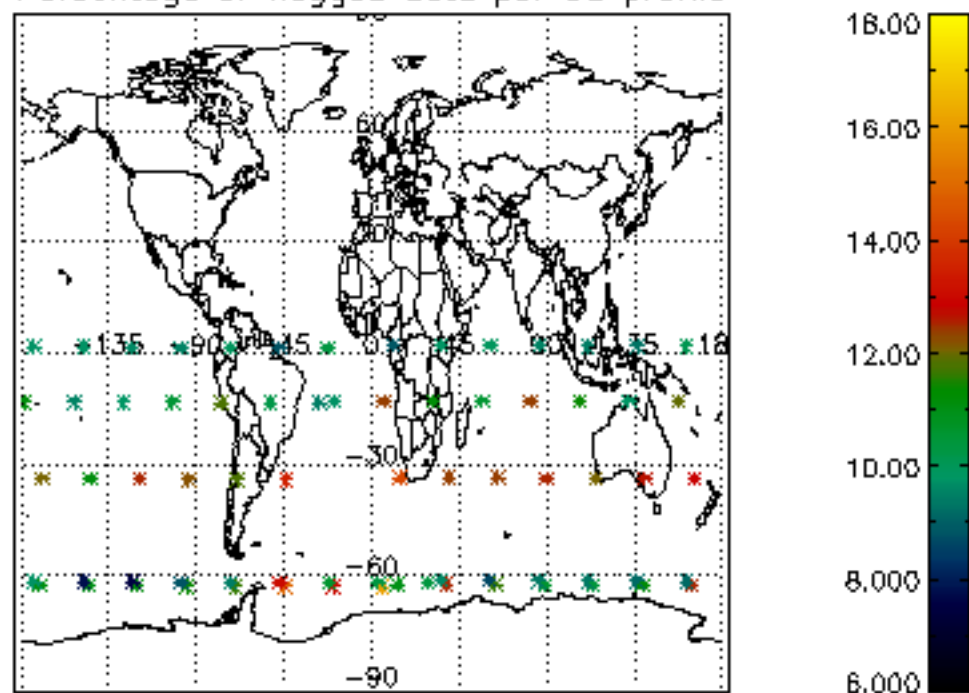




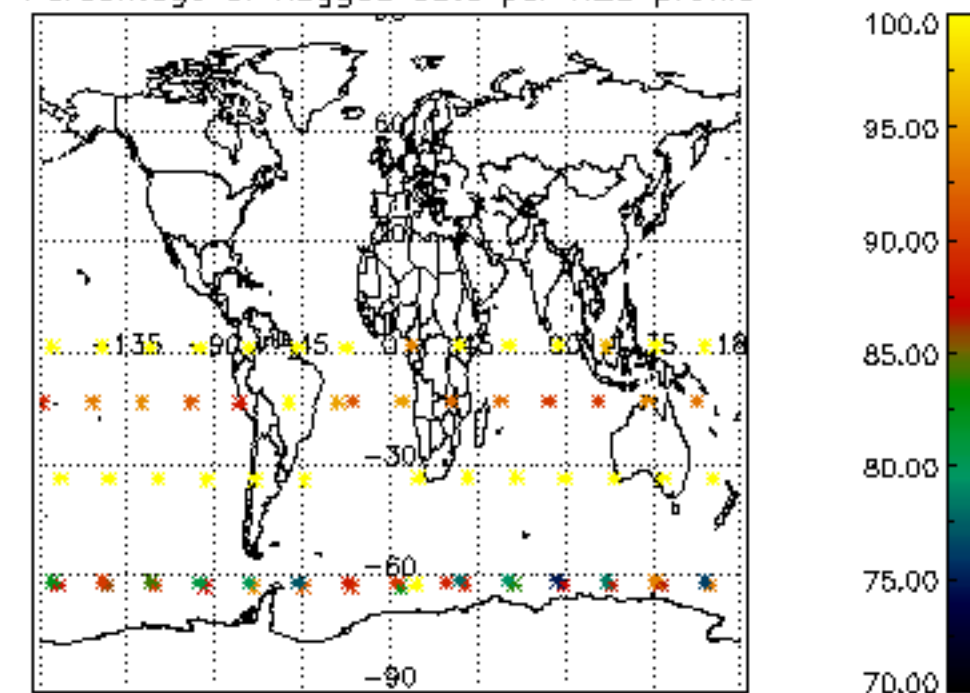




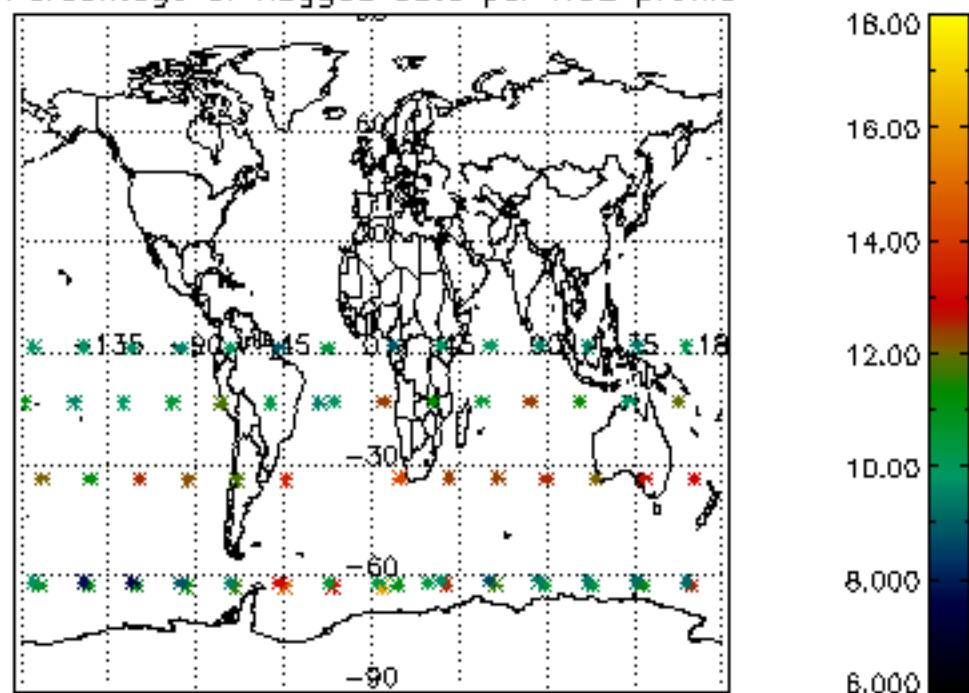
Percentage of flagged data per D3 profile



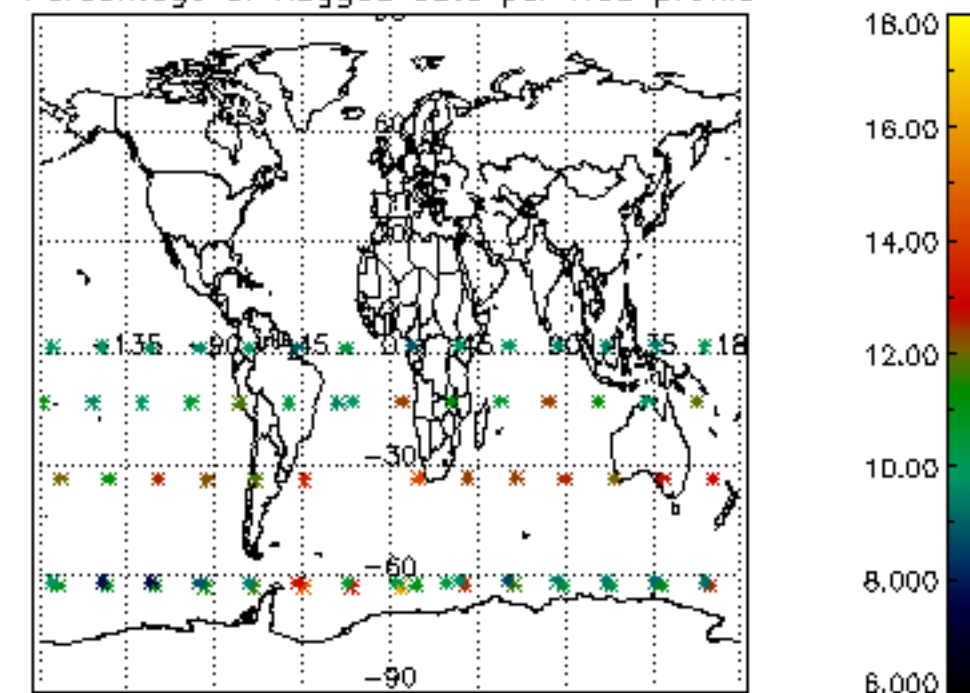
Percentage of flagged data per H2O profile

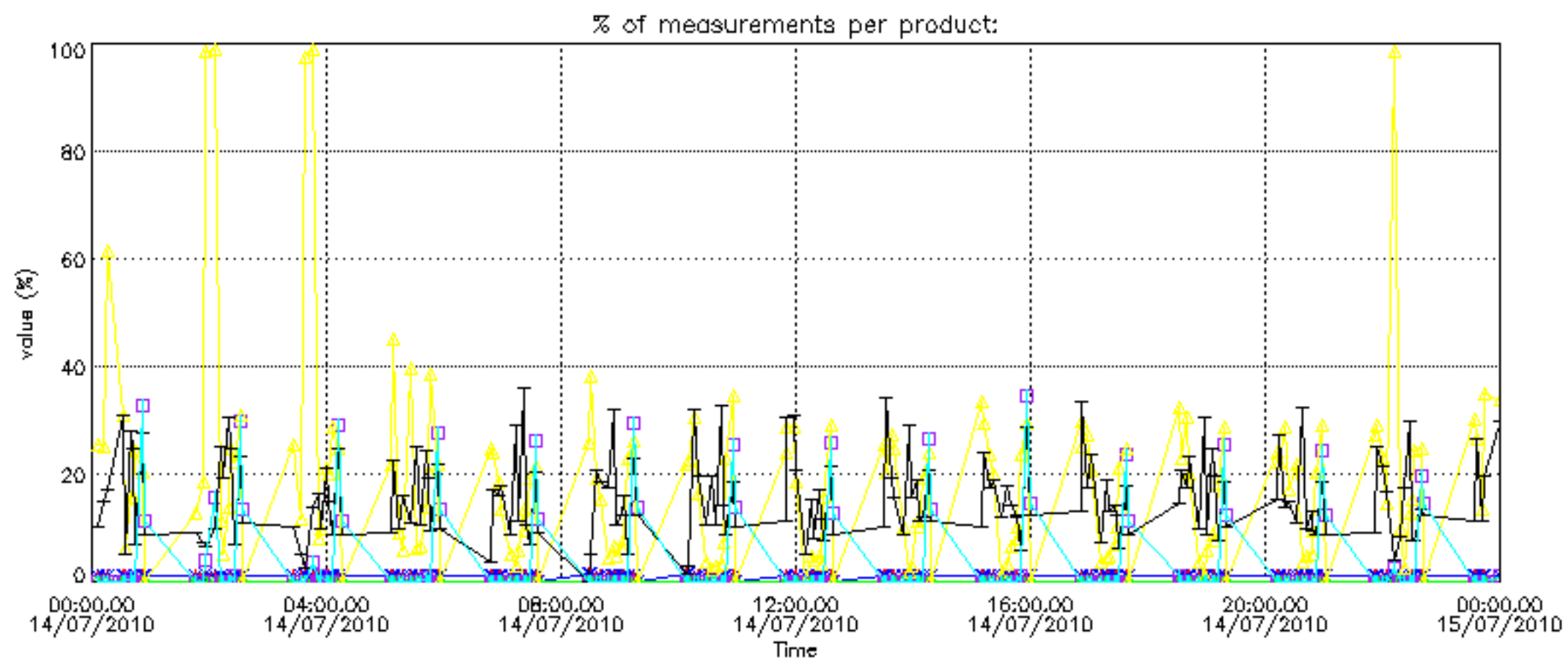


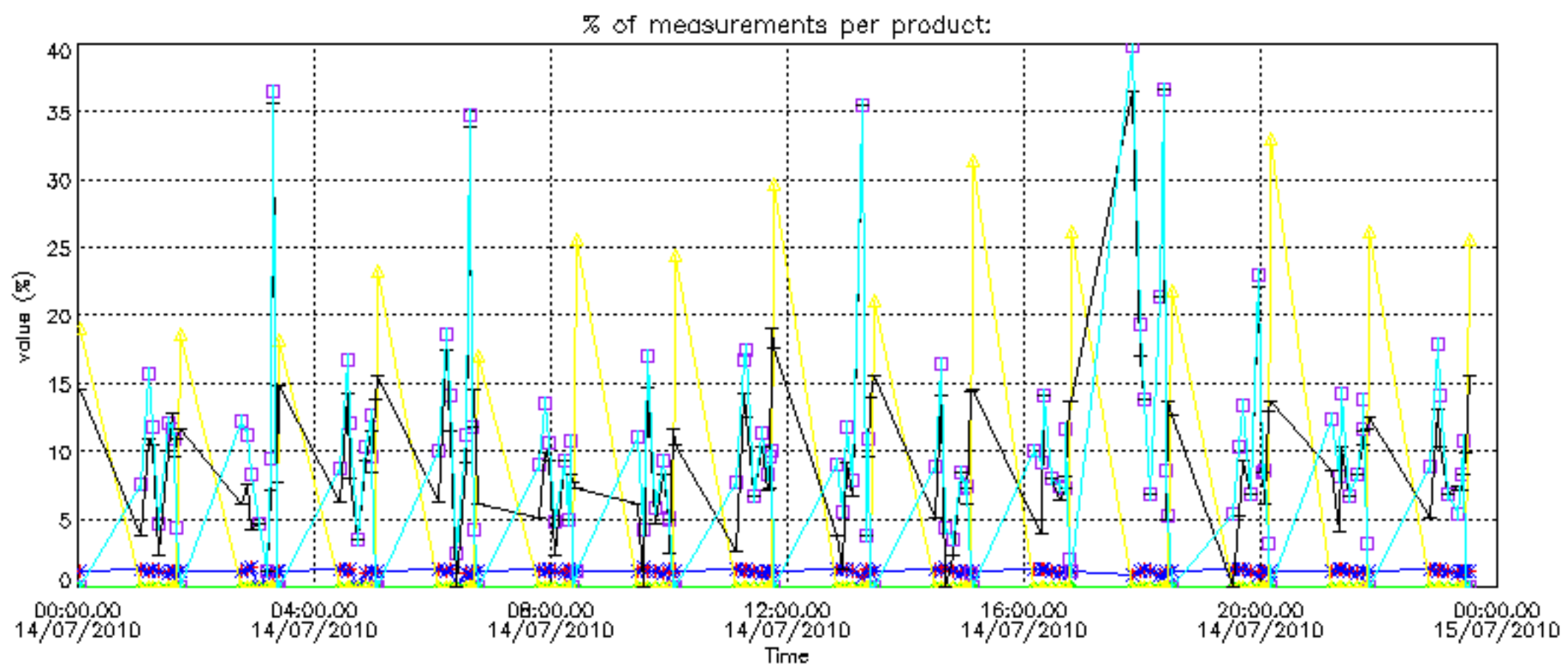
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

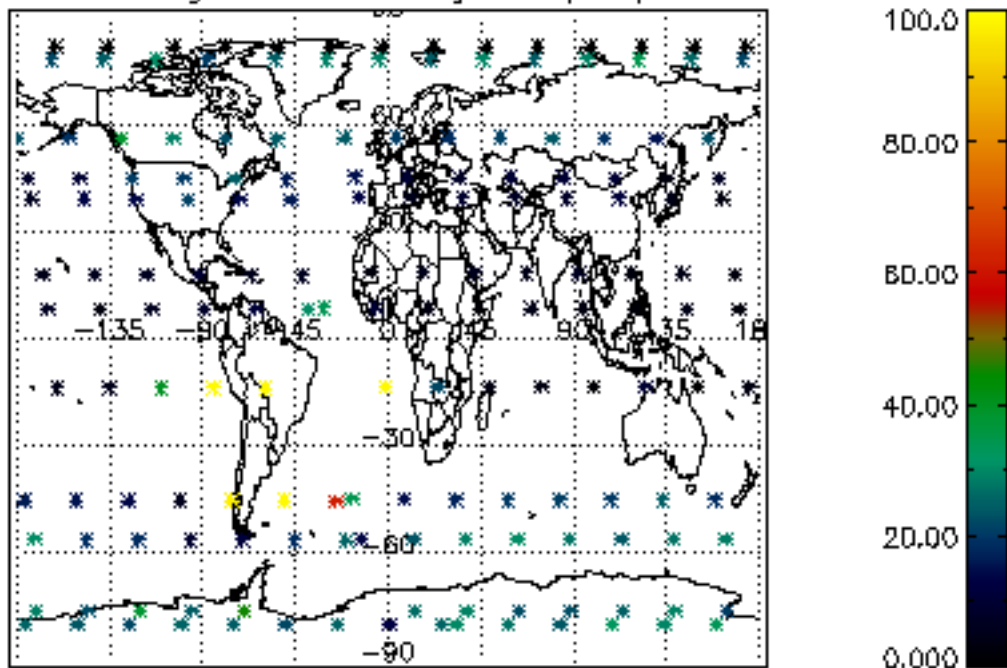




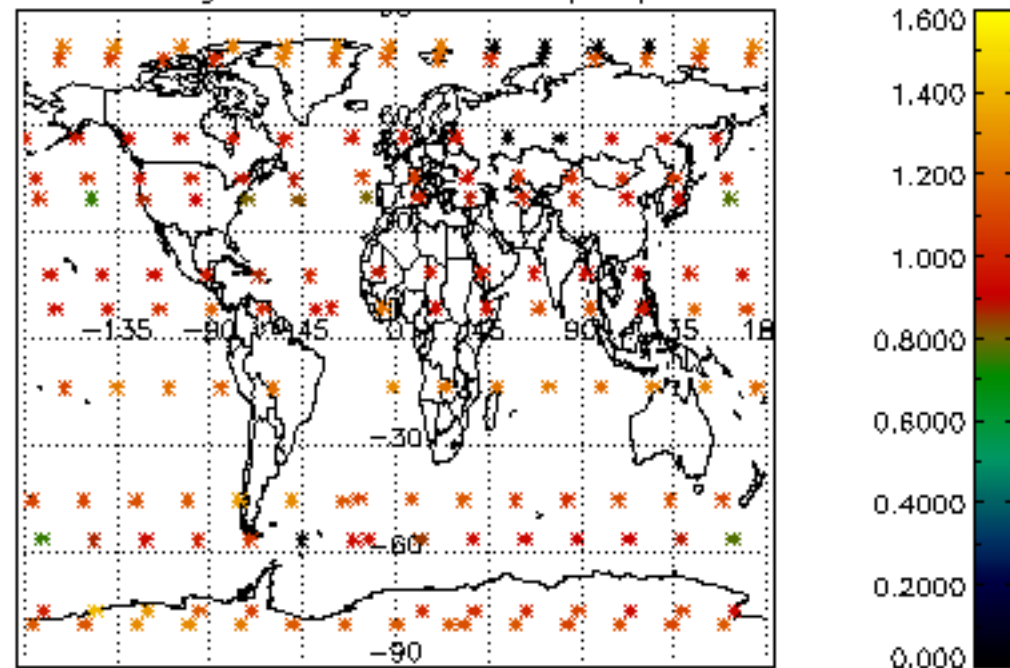




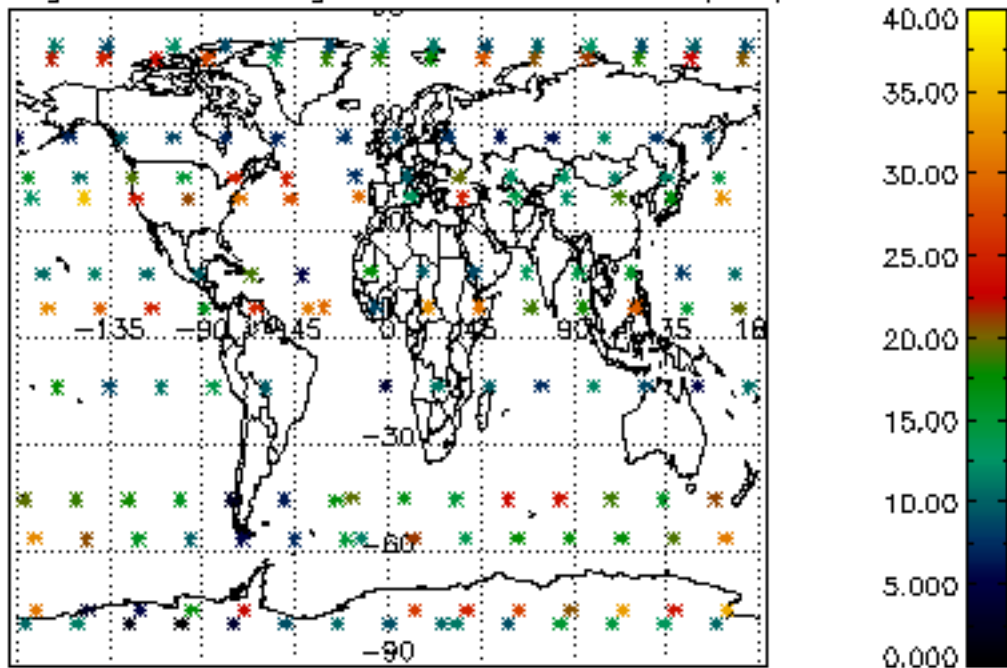
Percentage of cosmic ray hits per profile



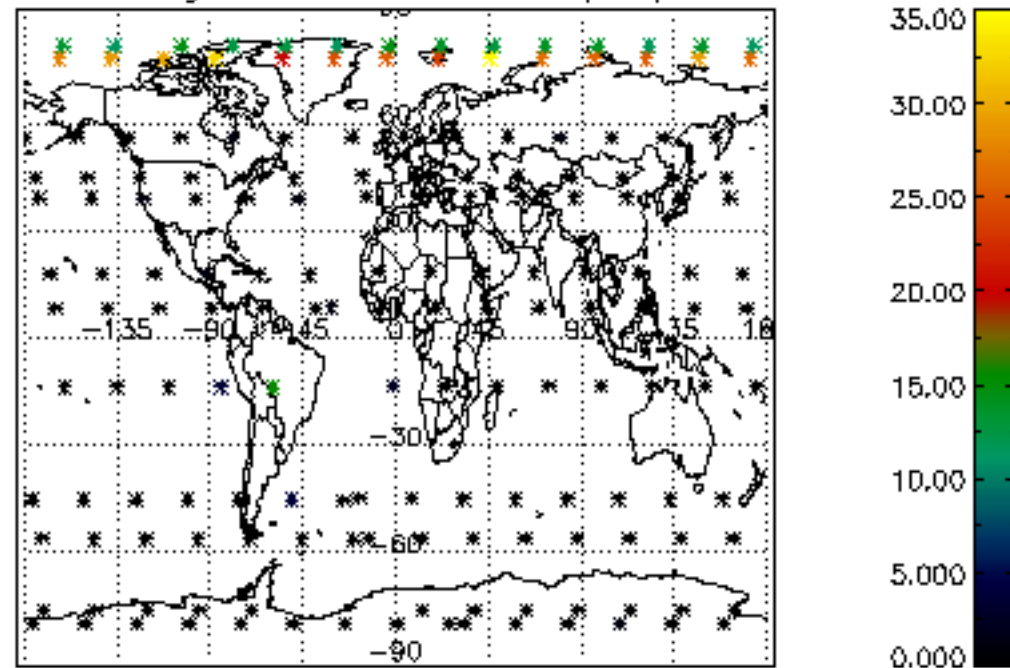
Percentage of datation errors per profile



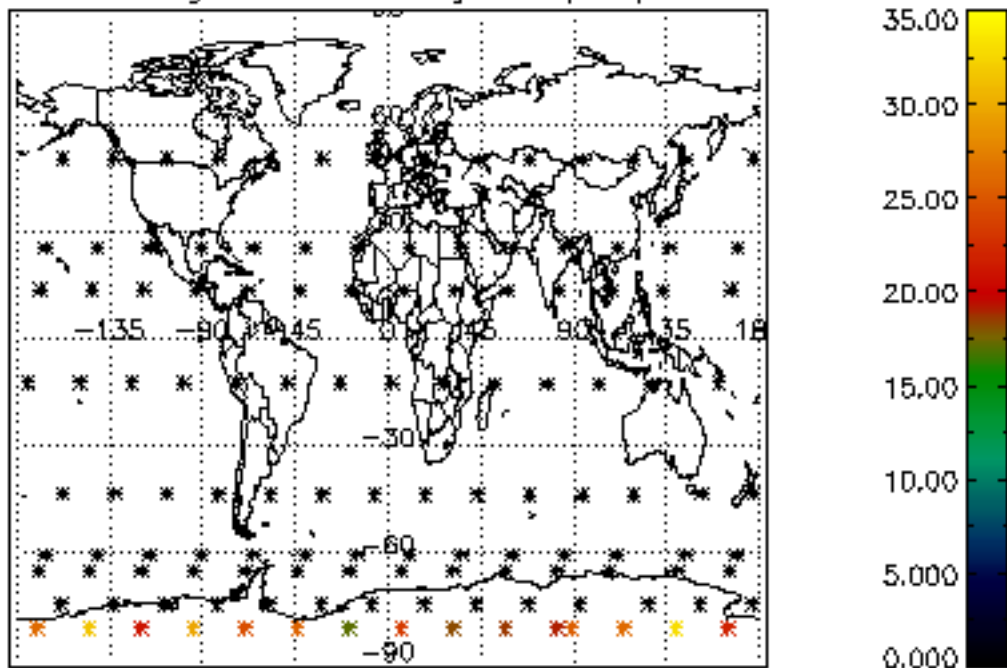
Percentage of star falling outside central band per profile



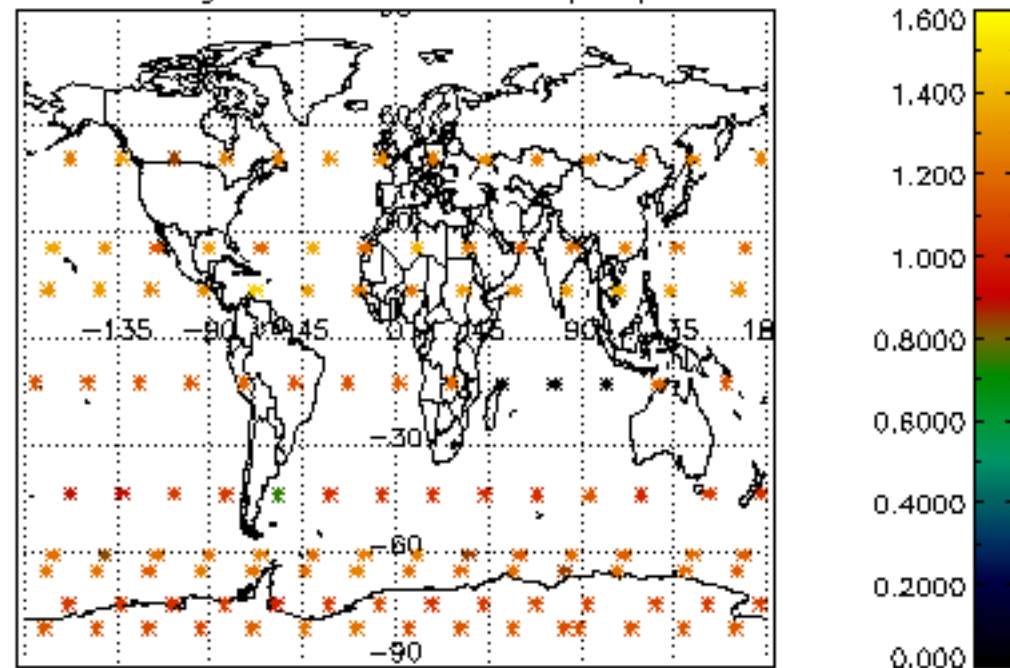
Percentage of saturation errors per profile



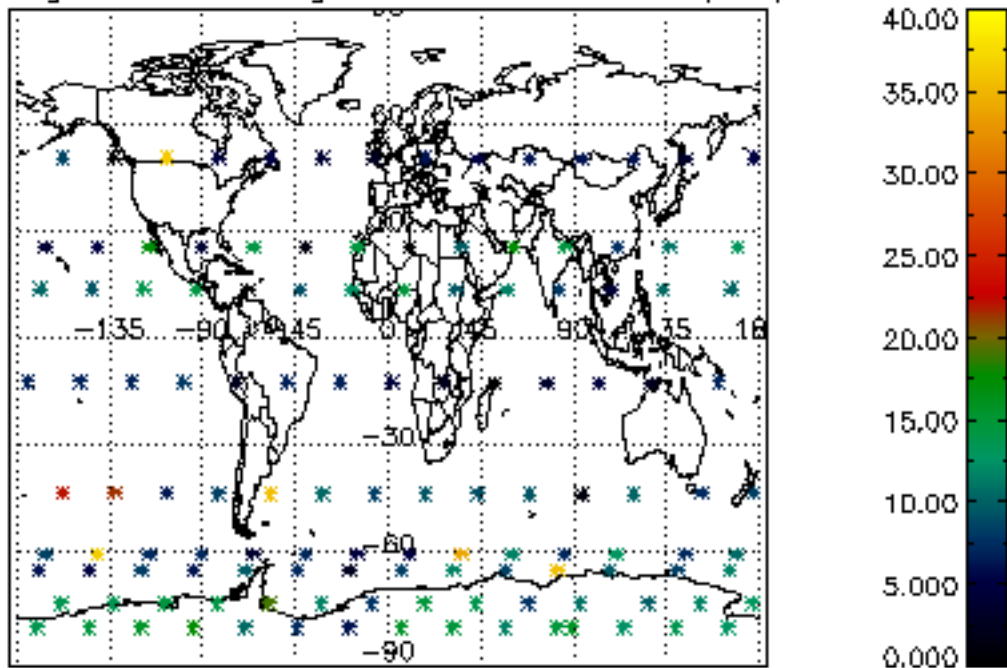
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

