

# 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 10:55:39
Data source version	GOMOS/6.01
Start time of products	18-05-2010 (18MAY2010 00:00:00)
Stop time of products	19-05-2010 (19MAY2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	281
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__2PRFIN20100518_000050_00000582089_00302_42941_0301.N1	18-MAY-2010 00:00:50	Dark	57.500	90	54Alp Peg	2.4870	11000.	115	42941	No
2	GOM_NL__2PRFIN20100518_001435_00000492089_00302_42941_0302.N1	18-MAY-2010 00:14:35	Dark	48.500	18	24Alp PsA	1.1660	9700.0	97	42941	No
3	GOM_NL__2PRFIN20100518_001852_00000582089_00302_42941_0303.N1	18-MAY-2010 00:18:52	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	42941	No
4	GOM_NL__2PRFIN20100518_002023_00000442089_00303_42942_0372.N1	18-MAY-2010 00:20:23	Dark	43.500	31	Alp Gru	1.7340	15200.	87	42942	No
5	GOM_NL__2PRFIN20100518_002555_00000432089_00303_42942_0373.N1	18-MAY-2010 00:25:55	Dark	42.500	45	Alp Pav	1.9400	26000.	85	42942	No
6	GOM_NL__2PRFIN20100518_003301_00000442089_00303_42942_0374.N1	18-MAY-2010 00:33:01	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	42942	No
7	GOM_NL__2PRFIN20100518_003538_00000482089_00303_42942_0375.N1	18-MAY-2010 00:35:38	Straylight	48.000	40	The Sco	1.8590	7100.0	96	42942	No
8	GOM_NL__2PRFIN20100518_003730_00000532089_00303_42942_0376.N1	18-MAY-2010 00:37:30	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	42942	No
9	GOM_NL__2PRFIN20100518_003946_00000502089_00303_42942_0377.N1	18-MAY-2010 00:39:46	Twi_and_stray	50.000	75	26Eps Sco	2.2910	4250.0	100	42942	No
10	GOM_NL__2PRFIN20100518_004248_00000572089_00303_42942_0378.N1	18-MAY-2010 00:42:48	Twi_and_stray	56.500	16	21Alp Sco	1.0200	3000.0	113	42942	No
11	GOM_NL__2PRFIN20100518_004521_00000472089_00303_42942_0379.N1	18-MAY-2010 00:45:21	Bright	46.500	97	8Bet1Sco	2.5610	30000.	93	42942	No
12	GOM_NL__2PRFIN20100518_004858_00000402089_00303_42942_0380.N1	18-MAY-2010 00:48:58	Bright	40.000	104	27Bet Lib	2.6140	13100.	80	42942	No
13	GOM_NL__2PRFIN20100518_005101_00000482089_00303_42942_0381.N1	18-MAY-2010 00:51:01	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	42942	No
14	GOM_NL__2PRFIN20100518_005410_00000432089_00303_42942_0382.N1	18-MAY-2010 00:54:10	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	42942	No
15	GOM_NL__2PRFIN20100518_005948_00000402089_00303_42942_0383.N1	18-MAY-2010 00:59:48	Bright	39.500	83		2.3780	11000.	79	42942	No
16	GOM_NL__2PRFIN20100518_010257_00000372089_00303_42942_0384.N1	18-MAY-2010 01:02:57	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	42942	No
17	GOM_NL__2PRFIN20100518_011130_00000412089_00303_42942_0385.N1	18-MAY-2010 01:11:30	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	42942	No
18	GOM_NL__2PRFIN20100518_012227_00000452089_00303_42942_0386.N1	18-MAY-2010 01:22:27	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	42942	No
19	GOM_NL__2PRFIN20100518_012609_00000552089_00303_42942_0387.N1	18-MAY-2010 01:26:09	Bright	55.000	74	11Bet Cas	2.2680	6600.0	110	42942	No
20	GOM_NL__2PRFIN20100518_013529_00000472089_00303_42942_0388.N1	18-MAY-2010 01:35:29	Twi_and_stray	46.500	58	21Alp And	2.0730	11000.	93	42942	No
21	GOM_NL__2PRFIN20100518_013942_00000442089_00303_42942_0389.N1	18-MAY-2010 01:39:42	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	42942	No
22	GOM_NL__2PRFIN20100518_014127_00000552089_00303_42942_0390.N1	18-MAY-2010 01:41:27	Dark	55.000	90	54Alp Peg	2.4870	11000.	110	42942	No
23	GOM_NL__2PRFIN20100518_015512_00000552089_00303_42942_0391.N1	18-MAY-2010 01:55:12	Dark	55.000	18	24Alp PsA	1.1660	9700.0	110	42942	No
24	GOM_NL__2PRFIN20100518_015928_00000462089_00303_42942_0392.N1	18-MAY-2010 01:59:28	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	42942	No
25	GOM_NL__2PRFIN20100518_020100_00000432089_00304_42943_0376.N1	18-MAY-2010 02:01:00	Dark	42.500	31	Alp Gru	1.7340	15200.	85	42943	No
26	GOM_NL__2PRFIN20100518_020632_00000412089_00304_42943_0377.N1	18-MAY-2010 02:06:32	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42943	No
27	GOM_NL__2PRFIN20100518_021340_00000462089_00304_42943_0378.N1	18-MAY-2010 02:13:40	Straylight	46.000	141	Bet Ara	2.8400	4600.0	92	42943	No
28	GOM_NL__2PRFIN20100518_021615_00000532089_00304_42943_0379.N1	18-MAY-2010 02:16:15	Straylight	53.000	40	The Sco	1.8590	7100.0	106	42943	No
29	GOM_NL__2PRFIN20100518_021807_00000532089_00304_42943_0380.N1	18-MAY-2010 02:18:07	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	42943	No
30	GOM_NL__2PRFIN20100518_022022_00000542089_00304_42943_0381.N1	18-MAY-2010 02:20:22	Twi_and_stray	54.000	75	26Eps Sco	2.2910	4250.0	108	42943	No
31	GOM_NL__2PRFIN20100518_022325_00000642089_00304_42943_0382.N1	18-MAY-2010 02:23:25	Twi_and_stray	64.000	16	21Alp Sco	1.0200	3000.0	128	42943	No
32	GOM_NL__2PRFIN20100518_022557_00000462089_00304_42943_0383.N1	18-MAY-2010 02:25:57	Bright	46.000	97	8Bet1Sco	2.5610	30000.	92	42943	No
33	GOM_NL__2PRFIN20100518_022934_00000402089_00304_42943_0384.N1	18-MAY-2010 02:29:34	Bright	40.000	104	27Bet Lib	2.6140	13100.	80	42943	No
34	GOM_NL__2PRFIN20100518_023137_00000482089_00304_42943_0385.N1	18-MAY-2010 02:31:37	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	42943	No
35	GOM_NL__2PRFIN20100518_023446_00000442089_00304_42943_0386.N1	18-MAY-2010 02:34:46	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	42943	No
36	GOM_NL__2PRFIN20100518_024024_00000382089_00304_42943_0387.N1	18-MAY-2010 02:40:24	Bright	38.000	83		2.3780	11000.	76	42943	No
37	GOM_NL__2PRFIN20100518_024333_00000362089_00304_42943_0388.N1	18-MAY-2010 02:43:33	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	42943	No
38	GOM_NL__2PRFIN20100518_025205_00000532089_00304_42943_0389.N1	18-MAY-2010 02:52:05	Bright	52.500	119	14Eta Dra	2.7270	4700.0	105	42943	No
39	GOM_NL__2PRFIN20100518_030302_00000452089_00304_42943_0390.N1	18-MAY-2010 03:03:02	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	42943	No
40	GOM_NL__2PRFIN20100518_030645_00000392089_00304_42943_0391.N1	18-MAY-2010 03:06:45	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	42943	No
41	GOM_NL__2PRFIN20100518_031605_00000452089_00304_42943_0392.N1	18-MAY-2010 03:16:05	Twi_and_stray	45.000	58	21Alp And	2.0730	11000.	90	42943	No
42	GOM_NL__2PRFIN20100518_032018_00000452089_00304_42943_0393.N1	18-MAY-2010 03:20:18	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	42943	No

43	GOM_NL__2PRFIN20100518_032203_000000572089_00304_42943_0394.N1	18-MAY-2010 03:22:03	Dark	56.500	90	54Alp Peg	2.4870	11000.	113	42943	No
44	GOM_NL__2PRFIN20100518_033549_000000572089_00304_42943_0395.N1	18-MAY-2010 03:35:49	Dark	56.500	18	24Alp PsA	1.1660	9700.0	113	42943	No
45	GOM_NL__2PRFIN20100518_034005_000000552089_00304_42943_0396.N1	18-MAY-2010 03:40:05	Dark	55.000	63	Bet Gru	2.1500	2800.0	110	42943	No
46	GOM_NL__2PRFIN20100518_034137_000000452089_00305_42944_0387.N1	18-MAY-2010 03:41:37	Dark	45.000	31	Alp Gru	1.7340	15200.	90	42944	No
47	GOM_NL__2PRFIN20100518_034709_000000412089_00305_42944_0388.N1	18-MAY-2010 03:47:09	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42944	No
48	GOM_NL__2PRFIN20100518_035519_000000442089_00305_42944_0389.N1	18-MAY-2010 03:55:19	Straylight	43.500	147	Alp Ara	2.8770	26000.	87	42944	No
49	GOM_NL__2PRFIN20100518_035652_000000502089_00305_42944_0390.N1	18-MAY-2010 03:56:52	Straylight	49.500	40	The Sco	1.8590	7100.0	99	42944	No
50	GOM_NL__2PRFIN20100518_035844_000000542089_00305_42944_0391.N1	18-MAY-2010 03:58:44	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	42944	No
51	GOM_NL__2PRFIN20100518_040059_000000512089_00305_42944_0392.N1	18-MAY-2010 04:00:59	Twi_and_stray	51.000	75	26Eps Sco	2.2910	4250.0	102	42944	No
52	GOM_NL__2PRFIN20100518_040401_000000642089_00305_42944_0393.N1	18-MAY-2010 04:04:01	Twi_and_stray	64.000	16	21Alp Sco	1.0200	3000.0	128	42944	No
53	GOM_NL__2PRFIN20100518_040633_000000462089_00305_42944_0394.N1	18-MAY-2010 04:06:33	Bright	46.000	97	8Bet1Sco	2.5610	30000.	92	42944	No
54	GOM_NL__2PRFIN20100518_041010_000000402089_00305_42944_0395.N1	18-MAY-2010 04:10:10	Bright	40.000	104	27Bet Lib	2.6140	13100.	80	42944	No
55	GOM_NL__2PRFIN20100518_041213_000000502089_00305_42944_0396.N1	18-MAY-2010 04:12:13	Bright	49.500	120	1Del Oph	2.7340	3200.0	99	42944	No
56	GOM_NL__2PRFIN20100518_041522_000000442089_00305_42944_0397.N1	18-MAY-2010 04:15:22	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	42944	No
57	GOM_NL__2PRFIN20100518_042100_000000382089_00305_42944_0398.N1	18-MAY-2010 04:21:00	Bright	38.000	83		2.3780	11000.	76	42944	No
58	GOM_NL__2PRFIN20100518_042408_000000372089_00305_42944_0399.N1	18-MAY-2010 04:24:08	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	42944	No
59	GOM_NL__2PRFIN20100518_043241_000000422089_00305_42944_0400.N1	18-MAY-2010 04:32:41	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	42944	No
60	GOM_NL__2PRFIN20100518_044337_000000462089_00305_42944_0401.N1	18-MAY-2010 04:43:37	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	42944	No
61	GOM_NL__2PRFIN20100518_044722_000000392089_00305_42944_0402.N1	18-MAY-2010 04:47:22	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	42944	No
62	GOM_NL__2PRFIN20100518_045641_000000452089_00305_42944_0403.N1	18-MAY-2010 04:56:41	Twi_and_stray	45.000	58	21Alp And	2.0730	11000.	90	42944	No
63	GOM_NL__2PRFIN20100518_050054_000000442089_00305_42944_0404.N1	18-MAY-2010 05:00:54	Dark	43.500	140	88Gam Peg	2.8340	26000.	87	42944	No
64	GOM_NL__2PRFIN20100518_050240_000000572089_00305_42944_0405.N1	18-MAY-2010 05:02:40	Dark	56.500	90	54Alp Peg	2.4870	11000.	113	42944	No
65	GOM_NL__2PRFIN20100518_051626_000000482089_00305_42944_0406.N1	18-MAY-2010 05:16:26	Dark	47.500	18	24Alp PsA	1.1660	9700.0	95	42944	No
66	GOM_NL__2PRFIN20100518_052042_000000512089_00305_42944_0407.N1	18-MAY-2010 05:20:42	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	42944	No
67	GOM_NL__2PRFIN20100518_052214_000000522089_00306_42945_0395.N1	18-MAY-2010 05:22:14	Dark	51.500	31	Alp Gru	1.7340	15200.	103	42945	No
68	GOM_NL__2PRFIN20100518_052745_000000412089_00306_42945_0396.N1	18-MAY-2010 05:27:45	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42945	No
69	GOM_NL__2PRFIN20100518_053555_000000432089_00306_42945_0397.N1	18-MAY-2010 05:35:55	Straylight	42.500	147	Alp Ara	2.8770	26000.	85	42945	No
70	GOM_NL__2PRFIN20100518_053728_000000492089_00306_42945_0398.N1	18-MAY-2010 05:37:28	Straylight	49.000	40	The Sco	1.8590	7100.0	98	42945	No
71	GOM_NL__2PRFIN20100518_053920_000000512089_00306_42945_0399.N1	18-MAY-2010 05:39:20	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	42945	No
72	GOM_NL__2PRFIN20100518_054136_000000502089_00306_42945_0400.N1	18-MAY-2010 05:41:36	Twi_and_stray	50.000	75	26Eps Sco	2.2910	4250.0	100	42945	No
73	GOM_NL__2PRFIN20100518_054437_000000602089_00306_42945_0401.N1	18-MAY-2010 05:44:37	Twi_and_stray	59.500	16	21Alp Sco	1.0200	3000.0	119	42945	No
74	GOM_NL__2PRFIN20100518_054710_000000462089_00306_42945_0402.N1	18-MAY-2010 05:47:10	Bright	46.000	97	8Bet1Sco	2.5610	30000.	92	42945	No
75	GOM_NL__2PRFIN20100518_055046_000000402089_00306_42945_0403.N1	18-MAY-2010 05:50:46	Bright	39.500	104	27Bet Lib	2.6140	13100.	79	42945	No
76	GOM_NL__2PRFIN20100518_055249_000000482089_00306_42945_0404.N1	18-MAY-2010 05:52:49	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	42945	No
77	GOM_NL__2PRFIN20100518_055557_000000442089_00306_42945_0405.N1	18-MAY-2010 05:55:57	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	42945	No
78	GOM_NL__2PRFIN20100518_060135_000000412089_00306_42945_0406.N1	18-MAY-2010 06:01:35	Bright	41.000	83		2.3780	11000.	82	42945	No
79	GOM_NL__2PRFIN20100518_060444_000000372089_00306_42945_0407.N1	18-MAY-2010 06:04:44	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	42945	No
80	GOM_NL__2PRFIN20100518_061316_000000422089_00306_42945_0408.N1	18-MAY-2010 06:13:16	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	42945	No
81	GOM_NL__2PRFIN20100518_062413_000000472089_00306_42945_0409.N1	18-MAY-2010 06:24:13	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	42945	No
82	GOM_NL__2PRFIN20100518_062757_000000392089_00306_42945_0410.N1	18-MAY-2010 06:27:57	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	42945	No
83	GOM_NL__2PRFIN20100518_063717_000000462089_00306_42945_0411.N1	18-MAY-2010 06:37:17	Twi_and_stray	46.000	58	21Alp And	2.0730	11000.	92	42945	No
84	GOM_NL__2PRFIN20100518_064131_000000442089_00306_42945_0412.N1	18-MAY-2010 06:41:31	Dark	43.500	140	88Gam Peg	2.8340	26000.	87	42945	No
85	GOM_NL__2PRFIN20100518_064316_000000532089_00306_42945_0413.N1	18-MAY-2010 06:43:16	Dark	53.000	90	54Alp Peg	2.4870	11000.	106	42945	No
86	GOM_NL__2PRFIN20100518_065703_000000492089_00306_42945_0414.N1	18-MAY-2010 06:57:03	Dark	49.000	18	24Alp PsA	1.1660	9700.0	98	42945	No
87	GOM_NL__2PRFIN20100518_070118_000000482089_00306_42945_0415.N1	18-MAY-2010 07:01:18	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	42945	No
88	GOM_NL__2PRFIN20100518_070250_000000442089_00307_42946_0403.N1	18-MAY-2010 07:02:50	Dark	43.500	31	Alp Gru	1.7340	15200.	87	42946	No
89	GOM_NL__2PRFIN20100518_070822_000000422089_00307_42946_0404.N1	18-MAY-2010 07:08:22	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42946	No
90	GOM_NL__2PRFIN20100518_071632_000000432089_00307_42946_0405.N1	18-MAY-2010 07:16:32	Straylight	42.500	147	Alp Ara	2.8770	26000.	85	42946	No
91	GOM_NL__2PRFIN20100518_071805_000000522089_00307_42946_0406.N1	18-MAY-2010 07:18:05	Straylight	51.500	40	The Sco	1.8590	7100.0	103	42946	No
92	GOM_NL__2PRFIN20100518_071957_000000552089_00307_42946_0407.N1	18-MAY-2010 07:19:57	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	42946	No
93	GOM_NL__2PRFIN20100518_072212_000000522089_00307_42946_0408.N1	18-MAY-2010 07:22:12	Twi_and_stray	52.000	75	26Eps Sco	2.2910	4250.0	104	42946	No
94	GOM_NL__2PRFIN20100518_072513_000000552089_00307_42946_0409.N1	18-MAY-2010 07:25:13	Twi_and_stray	55.000	16	21Alp Sco	1.0200	3000.0	110	42946	No
95	GOM_NL__2PRFIN20100518_072746_000000452089_00307_42946_0410.N1	18-MAY-2010 07:27:46	Bright	45.000	97	8Bet1Sco	2.5610	30000.	90	42946	No
96	GOM_NL__2PRFIN20100518_073122_000000402089_00307_42946_0411.N1	18-MAY-2010 07:31:22	Bright	39.500	104	27Bet Lib	2.6140	13100.	79	42946	No
97	GOM_NL__2PRFIN20100518_073325_000000482089_00307_42946_0412.N1	18-MAY-2010 07:33:25	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	42946	No
98	GOM_NL__2PRFIN20100518_073633_000000432089_00307_42946_0413.N1	18-MAY-2010 07:36:33	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	42946	No
99	GOM_NL__2PRFIN20100518_074212_000000412089_00307_42946_0414.N1	18-MAY-2010 07:42:12	Bright	41.000	83		2.3780	11000.	82	42946	No
100	GOM_NL__2PRFIN20100518_074520_000000382089_00307_42946_0415.N1	18-MAY-2010 07:45:20	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	42946	No
101	GOM_NL__2PRFIN20100518_075352_000000422089_00307_42946_0416.N1	18-MAY-2010 07:53:52	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	42946	No

102	GOM_NL__2PRFIN20100518_080448_000000472089_00307_42946_0417.N1	18-MAY-2010 08:04:48	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	42946	No
103	GOM_NL__2PRFIN20100518_080833_000000392089_00307_42946_0418.N1	18-MAY-2010 08:08:33	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	42946	No
104	GOM_NL__2PRFIN20100518_081753_000000432089_00307_42946_0419.N1	18-MAY-2010 08:17:53	Twilight	43.000	58	21Alp And	2.0730	11000.	86	42946	No
105	GOM_NL__2PRFIN20100518_082207_000000412089_00307_42946_0420.N1	18-MAY-2010 08:22:07	Dark	41.000	140	88Gam Peg	2.8340	26000.	82	42946	No
106	GOM_NL__2PRFIN20100518_082353_000000562089_00307_42946_0421.N1	18-MAY-2010 08:23:53	Dark	56.000	90	54Alp Peg	2.4870	11000.	112	42946	No
107	GOM_NL__2PRFIN20100518_083739_000000492089_00307_42946_0422.N1	18-MAY-2010 08:37:39	Dark	48.500	18	24Alp PsA	1.1660	9700.0	97	42946	No
108	GOM_NL__2PRFIN20100518_084155_000000542089_00307_42946_0423.N1	18-MAY-2010 08:41:55	Dark	53.500	63	Bet Gru	2.1500	2800.0	107	42946	No
109	GOM_NL__2PRFIN20100518_084327_000000442089_00308_42947_0411.N1	18-MAY-2010 08:43:27	Dark	43.500	31	Alp Gru	1.7340	15200.	87	42947	No
110	GOM_NL__2PRFIN20100518_084858_000000412089_00308_42947_0412.N1	18-MAY-2010 08:48:58	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42947	No
111	GOM_NL__2PRFIN20100518_085708_000000432089_00308_42947_0413.N1	18-MAY-2010 08:57:08	Straylight	43.000	147	Alp Ara	2.8770	26000.	86	42947	No
112	GOM_NL__2PRFIN20100518_085841_000000462089_00308_42947_0414.N1	18-MAY-2010 08:58:41	Straylight	45.500	40	The Sco	1.8590	7100.0	91	42947	No
113	GOM_NL__2PRFIN20100518_090033_000000552089_00308_42947_0415.N1	18-MAY-2010 09:00:33	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	42947	No
114	GOM_NL__2PRFIN20100518_090248_000000532089_00308_42947_0416.N1	18-MAY-2010 09:02:48	Twilight	53.000	75	26Eps Sco	2.2910	4250.0	106	42947	No
115	GOM_NL__2PRFIN20100518_090550_000000552089_00308_42947_0417.N1	18-MAY-2010 09:05:50	Twilight	55.000	16	21Alp Sco	1.0200	3000.0	110	42947	No
116	GOM_NL__2PRFIN20100518_090822_000000462089_00308_42947_0418.N1	18-MAY-2010 09:08:22	Bright	45.500	97	8Bet1Sco	2.5610	30000.	91	42947	No
117	GOM_NL__2PRFIN20100518_091159_000000392089_00308_42947_0419.N1	18-MAY-2010 09:11:59	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	42947	No
118	GOM_NL__2PRFIN20100518_091400_000000492089_00308_42947_0420.N1	18-MAY-2010 09:14:00	Bright	48.500	120	1Del Oph	2.7340	3200.0	97	42947	No
119	GOM_NL__2PRFIN20100518_091709_000000422089_00308_42947_0421.N1	18-MAY-2010 09:17:09	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	42947	No
120	GOM_NL__2PRFIN20100518_092247_000000392089_00308_42947_0422.N1	18-MAY-2010 09:22:47	Bright	38.500	83		2.3780	11000.	77	42947	No
121	GOM_NL__2PRFIN20100518_092556_000000372089_00308_42947_0423.N1	18-MAY-2010 09:25:56	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	42947	No
122	GOM_NL__2PRFIN20100518_093427_000000392089_00308_42947_0424.N1	18-MAY-2010 09:34:27	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	42947	No
123	GOM_NL__2PRFIN20100518_094524_000000462089_00308_42947_0425.N1	18-MAY-2010 09:45:24	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	42947	No
124	GOM_NL__2PRFIN20100518_094909_000000382089_00308_42947_0426.N1	18-MAY-2010 09:49:09	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	42947	No
125	GOM_NL__2PRFIN20100518_095829_000000482089_00308_42947_0427.N1	18-MAY-2010 09:58:29	Twilight	47.500	58	21Alp And	2.0730	11000.	95	42947	No
126	GOM_NL__2PRFIN20100518_100243_000000432089_00308_42947_0428.N1	18-MAY-2010 10:02:43	Dark	42.500	140	88Gam Peg	2.8340	26000.	85	42947	No
127	GOM_NL__2PRFIN20100518_100429_000000542089_00308_42947_0429.N1	18-MAY-2010 10:04:29	Dark	54.000	90	54Alp Peg	2.4870	11000.	108	42947	No
128	GOM_NL__2PRFIN20100518_101816_000000562089_00308_42947_0430.N1	18-MAY-2010 10:18:16	Dark	55.500	18	24Alp PsA	1.1660	9700.0	111	42947	No
129	GOM_NL__2PRFIN20100518_102231_000000472089_00308_42947_0431.N1	18-MAY-2010 10:22:31	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	42947	No
130	GOM_NL__2PRFIN20100518_102404_000000422089_00309_42948_0419.N1	18-MAY-2010 10:24:04	Dark	41.500	31	Alp Gru	1.7340	15200.	83	42948	No
131	GOM_NL__2PRFIN20100518_102935_000000422089_00309_42948_0420.N1	18-MAY-2010 10:29:35	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42948	No
132	GOM_NL__2PRFIN20100518_103745_000000422089_00309_42948_0421.N1	18-MAY-2010 10:37:45	Straylight	41.500	147	Alp Ara	2.8770	26000.	83	42948	No
133	GOM_NL__2PRFIN20100518_103918_000000502089_00309_42948_0422.N1	18-MAY-2010 10:39:18	Straylight	50.000	40	The Sco	1.8590	7100.0	100	42948	No
134	GOM_NL__2PRFIN20100518_104109_000000532089_00309_42948_0423.N1	18-MAY-2010 10:41:09	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	42948	No
135	GOM_NL__2PRFIN20100518_104325_000000532089_00309_42948_0424.N1	18-MAY-2010 10:43:25	Twilight	52.500	75	26Eps Sco	2.2910	4250.0	105	42948	No
136	GOM_NL__2PRFIN20100518_104626_000000572089_00309_42948_0425.N1	18-MAY-2010 10:46:26	Twilight	57.000	16	21Alp Sco	1.0200	3000.0	114	42948	No
137	GOM_NL__2PRFIN20100518_104858_000000462089_00309_42948_0426.N1	18-MAY-2010 10:48:58	Bright	45.500	97	8Bet1Sco	2.5610	30000.	91	42948	No
138	GOM_NL__2PRFIN20100518_105234_000000412089_00309_42948_0427.N1	18-MAY-2010 10:52:34	Bright	41.000	104	27Bet Lib	2.6140	13100.	82	42948	No
139	GOM_NL__2PRFIN20100518_105744_000000422089_00309_42948_0428.N1	18-MAY-2010 10:57:44	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	42948	No
140	GOM_NL__2PRFIN20100518_110323_000000372089_00309_42948_0429.N1	18-MAY-2010 11:03:23	Bright	37.000	83		2.3780	11000.	74	42948	No
141	GOM_NL__2PRFIN20100518_110632_000000362089_00309_42948_0430.N1	18-MAY-2010 11:06:32	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	42948	No
142	GOM_NL__2PRFIN20100518_111503_000000432089_00309_42948_0431.N1	18-MAY-2010 11:15:03	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	42948	No
143	GOM_NL__2PRFIN20100518_112559_000000442089_00309_42948_0432.N1	18-MAY-2010 11:25:59	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	42948	No
144	GOM_NL__2PRFIN20100518_112945_000000552089_00309_42948_0433.N1	18-MAY-2010 11:29:45	Bright	55.000	74	11Bet Cas	2.2680	6600.0	110	42948	No
145	GOM_NL__2PRFIN20100518_113905_000000472089_00309_42948_0434.N1	18-MAY-2010 11:39:05	Twilight	46.500	58	21Alp And	2.0730	11000.	93	42948	No
146	GOM_NL__2PRFIN20100518_114319_000000432089_00309_42948_0435.N1	18-MAY-2010 11:43:19	Dark	43.000	140	88Gam Peg	2.8340	26000.	86	42948	No
147	GOM_NL__2PRFIN20100518_115853_000000512089_00309_42948_0436.N1	18-MAY-2010 11:58:53	Dark	51.000	18	24Alp PsA	1.1660	9700.0	102	42948	No
148	GOM_NL__2PRFIN20100518_120308_000000502089_00309_42948_0437.N1	18-MAY-2010 12:03:08	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	42948	No
149	GOM_NL__2PRFIN20100518_120440_000000442089_00310_42949_0427.N1	18-MAY-2010 12:04:40	Dark	43.500	31	Alp Gru	1.7340	15200.	87	42949	No
150	GOM_NL__2PRFIN20100518_121012_000000432089_00310_42949_0428.N1	18-MAY-2010 12:10:12	Dark	42.500	45	Alp Pav	1.9400	26000.	85	42949	No
151	GOM_NL__2PRFIN20100518_121821_000000422089_00310_42949_0429.N1	18-MAY-2010 12:18:21	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	42949	No
152	GOM_NL__2PRFIN20100518_121954_000000502089_00310_42949_0430.N1	18-MAY-2010 12:19:54	Straylight	50.000	40	The Sco	1.8590	7100.0	100	42949	No
153	GOM_NL__2PRFIN20100518_122146_000000532089_00310_42949_0431.N1	18-MAY-2010 12:21:46	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	42949	No
154	GOM_NL__2PRFIN20100518_122401_000000512089_00310_42949_0432.N1	18-MAY-2010 12:24:01	Twilight	51.000	75	26Eps Sco	2.2910	4250.0	102	42949	No
155	GOM_NL__2PRFIN20100518_122702_000000612089_00310_42949_0433.N1	18-MAY-2010 12:27:02	Twilight	60.500	16	21Alp Sco	1.0200	3000.0	121	42949	No
156	GOM_NL__2PRFIN20100518_122934_000000442089_00310_42949_0434.N1	18-MAY-2010 12:29:34	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	42949	No
157	GOM_NL__2PRFIN20100518_123310_000000392089_00310_42949_0435.N1	18-MAY-2010 12:33:10	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	42949	No
158	GOM_NL__2PRFIN20100518_123820_000000432089_00310_42949_0436.N1	18-MAY-2010 12:38:20	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	42949	No
159	GOM_NL__2PRFIN20100518_124359_000000382089_00310_42949_0437.N1	18-MAY-2010 12:43:59	Bright	37.500	83		2.3780	11000.	75	42949	No
160	GOM_NL__2PRFIN20100518_124707_000000382089_00310_42949_0438.N1	18-MAY-2010 12:47:07	Bright	38.000	180	27Gam Boo	3.0400	8000.0	76	42949	No



161	GOM_NL__2PRFIN20100518_125538_000000432089_00310_42949_0439.N1	18-MAY-2010 12:55:38	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	42949	No
162	GOM_NL__2PRFIN20100518_130635_000000462089_00310_42949_0440.N1	18-MAY-2010 13:06:35	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	42949	No
163	GOM_NL__2PRFIN20100518_131021_000000552089_00310_42949_0441.N1	18-MAY-2010 13:10:21	Bright	55.000	74	11Bet Cas	2.2680	6600.0	110	42949	No
164	GOM_NL__2PRFIN20100518_131941_000000452089_00310_42949_0442.N1	18-MAY-2010 13:19:41	Tw_i_and_stray	45.000	58	21Alp And	2.0730	11000.	90	42949	No
165	GOM_NL__2PRFIN20100518_132356_000000452089_00310_42949_0443.N1	18-MAY-2010 13:23:56	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	42949	No
166	GOM_NL__2PRFIN20100518_133930_000000542089_00310_42949_0444.N1	18-MAY-2010 13:39:30	Dark	53.500	18	24Alp PsA	1.1660	9700.0	107	42949	No
167	GOM_NL__2PRFIN20100518_134344_000000582089_00310_42949_0445.N1	18-MAY-2010 13:43:44	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	42949	No
168	GOM_NL__2PRFIN20100518_134517_000000512089_00311_42950_0435.N1	18-MAY-2010 13:45:17	Dark	51.000	31	Alp Gru	1.7340	15200.	102	42950	No
169	GOM_NL__2PRFIN20100518_135049_000000422089_00311_42950_0436.N1	18-MAY-2010 13:50:49	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42950	No
170	GOM_NL__2PRFIN20100518_135858_000000432089_00311_42950_0437.N1	18-MAY-2010 13:58:58	Straylight	42.500	147	Alp Ara	2.8770	26000.	85	42950	No
171	GOM_NL__2PRFIN20100518_140031_000000492089_00311_42950_0438.N1	18-MAY-2010 14:00:31	Straylight	48.500	40	The Sco	1.8590	7100.0	97	42950	No
172	GOM_NL__2PRFIN20100518_140223_000000542089_00311_42950_0439.N1	18-MAY-2010 14:02:23	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	42950	No
173	GOM_NL__2PRFIN20100518_140437_000000502089_00311_42950_0440.N1	18-MAY-2010 14:04:37	Tw_i_and_stray	50.000	75	26Eps Sco	2.2910	4250.0	100	42950	No
174	GOM_NL__2PRFIN20100518_140738_000000552089_00311_42950_0441.N1	18-MAY-2010 14:07:38	Tw_i_and_stray	54.500	16	21Alp Sco	1.0200	3000.0	109	42950	No
175	GOM_NL__2PRFIN20100518_141010_000000442089_00311_42950_0442.N1	18-MAY-2010 14:10:10	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	42950	No
176	GOM_NL__2PRFIN20100518_141346_000000392089_00311_42950_0443.N1	18-MAY-2010 14:13:46	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	42950	No
177	GOM_NL__2PRFIN20100518_141856_000000432089_00311_42950_0444.N1	18-MAY-2010 14:18:56	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	42950	No
178	GOM_NL__2PRFIN20100518_142434_000000382089_00311_42950_0445.N1	18-MAY-2010 14:24:34	Bright	37.500	83		2.3780	11000.	75	42950	No
179	GOM_NL__2PRFIN20100518_142744_000000382089_00311_42950_0446.N1	18-MAY-2010 14:27:44	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	42950	No
180	GOM_NL__2PRFIN20100518_143614_000000432089_00311_42950_0447.N1	18-MAY-2010 14:36:14	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	42950	No
181	GOM_NL__2PRFIN20100518_144710_000000472089_00311_42950_0448.N1	18-MAY-2010 14:47:10	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	42950	No
182	GOM_NL__2PRFIN20100518_145057_000000382089_00311_42950_0449.N1	18-MAY-2010 14:50:57	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	42950	No
183	GOM_NL__2PRFIN20100518_150018_000000472089_00311_42950_0450.N1	18-MAY-2010 15:00:18	Tw_i_and_stray	46.500	58	21Alp And	2.0730	11000.	93	42950	No
184	GOM_NL__2PRFIN20100518_150432_000000442089_00311_42950_0451.N1	18-MAY-2010 15:04:32	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	42950	No
185	GOM_NL__2PRFIN20100518_152006_000000552089_00311_42950_0452.N1	18-MAY-2010 15:20:06	Dark	55.000	18	24Alp PsA	1.1660	9700.0	110	42950	No
186	GOM_NL__2PRFIN20100518_153125_000000442089_00312_42951_0443.N1	18-MAY-2010 15:31:25	Dark	43.500	45	Alp Pav	1.9400	26000.	87	42951	No
187	GOM_NL__2PRFIN20100518_153934_000000422089_00312_42951_0444.N1	18-MAY-2010 15:39:34	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	42951	No
188	GOM_NL__2PRFIN20100518_154107_000000452089_00312_42951_0445.N1	18-MAY-2010 15:41:07	Straylight	45.000	40	The Sco	1.8590	7100.0	90	42951	No
189	GOM_NL__2PRFIN20100518_154259_000000552089_00312_42951_0446.N1	18-MAY-2010 15:42:59	Straylight	54.500	25	35Lam Sco	1.6200	28000.	109	42951	No
190	GOM_NL__2PRFIN20100518_154513_000000512089_00312_42951_0447.N1	18-MAY-2010 15:45:13	Tw_i_and_stray	51.000	75	26Eps Sco	2.2910	4250.0	102	42951	No
191	GOM_NL__2PRFIN20100518_154814_000000622089_00312_42951_0448.N1	18-MAY-2010 15:48:14	Tw_i_and_stray	62.000	16	21Alp Sco	1.0200	3000.0	124	42951	No
192	GOM_NL__2PRFIN20100518_155046_000000432089_00312_42951_0449.N1	18-MAY-2010 15:50:46	Bright	43.000	97	8Bet1Sco	2.5610	30000.	86	42951	No
193	GOM_NL__2PRFIN20100518_155423_000000402089_00312_42951_0450.N1	18-MAY-2010 15:54:23	Bright	40.000	104	27Bet Lib	2.6140	13100.	80	42951	No
194	GOM_NL__2PRFIN20100518_155931_000000432089_00312_42951_0451.N1	18-MAY-2010 15:59:31	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	42951	No
195	GOM_NL__2PRFIN20100518_160510_000000372089_00312_42951_0452.N1	18-MAY-2010 16:05:10	Bright	37.000	83		2.3780	11000.	74	42951	No
196	GOM_NL__2PRFIN20100518_160819_000000372089_00312_42951_0453.N1	18-MAY-2010 16:08:19	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	42951	No
197	GOM_NL__2PRFIN20100518_161649_000000422089_00312_42951_0454.N1	18-MAY-2010 16:16:49	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	42951	No
198	GOM_NL__2PRFIN20100518_162746_000000442089_00312_42951_0455.N1	18-MAY-2010 16:27:46	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	42951	No
199	GOM_NL__2PRFIN20100518_163132_000000552089_00312_42951_0456.N1	18-MAY-2010 16:31:32	Bright	55.000	74	11Bet Cas	2.2680	6600.0	110	42951	No
200	GOM_NL__2PRFIN20100518_164053_000000482089_00312_42951_0457.N1	18-MAY-2010 16:40:53	Tw_i_and_stray	48.000	58	21Alp And	2.0730	11000.	96	42951	No
201	GOM_NL__2PRFIN20100518_164508_000000442089_00312_42951_0458.N1	18-MAY-2010 16:45:08	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	42951	No
202	GOM_NL__2PRFIN20100518_170043_000000502089_00312_42951_0459.N1	18-MAY-2010 17:00:43	Dark	49.500	18	24Alp PsA	1.1660	9700.0	99	42951	No
203	GOM_NL__2PRFIN20100518_171202_000000422089_00313_42952_0471.N1	18-MAY-2010 17:12:02	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42952	No
204	GOM_NL__2PRFIN20100518_172011_000000412089_00313_42952_0472.N1	18-MAY-2010 17:20:11	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	42952	No
205	GOM_NL__2PRFIN20100518_172144_000000522089_00313_42952_0473.N1	18-MAY-2010 17:21:44	Straylight	51.500	40	The Sco	1.8590	7100.0	103	42952	No
206	GOM_NL__2PRFIN20100518_172336_000000552089_00313_42952_0474.N1	18-MAY-2010 17:23:36	Straylight	54.500	25	35Lam Sco	1.6200	28000.	109	42952	No
207	GOM_NL__2PRFIN20100518_172550_000000532089_00313_42952_0475.N1	18-MAY-2010 17:25:50	Tw_i_and_stray	53.000	75	26Eps Sco	2.2910	4250.0	106	42952	No
208	GOM_NL__2PRFIN20100518_172851_000000632089_00313_42952_0476.N1	18-MAY-2010 17:28:51	Tw_i_and_stray	62.500	16	21Alp Sco	1.0200	3000.0	125	42952	No
209	GOM_NL__2PRFIN20100518_173122_000000462089_00313_42952_0477.N1	18-MAY-2010 17:31:22	Bright	45.500	97	8Bet1Sco	2.5610	30000.	91	42952	No
210	GOM_NL__2PRFIN20100518_173458_000000392089_00313_42952_0478.N1	18-MAY-2010 17:34:58	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	42952	No
211	GOM_NL__2PRFIN20100518_174007_000000432089_00313_42952_0479.N1	18-MAY-2010 17:40:07	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	42952	No
212	GOM_NL__2PRFIN20100518_174546_000000412089_00313_42952_0480.N1	18-MAY-2010 17:45:46	Bright	41.000	83		2.3780	11000.	82	42952	No
213	GOM_NL__2PRFIN20100518_174855_000000352089_00313_42952_0481.N1	18-MAY-2010 17:48:55	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	42952	No
214	GOM_NL__2PRFIN20100518_175725_000000432089_00313_42952_0482.N1	18-MAY-2010 17:57:25	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	42952	No
215	GOM_NL__2PRFIN20100518_180821_000000462089_00313_42952_0483.N1	18-MAY-2010 18:08:21	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	42952	No
216	GOM_NL__2PRFIN20100518_181208_000000392089_00313_42952_0484.N1	18-MAY-2010 18:12:08	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	42952	No
217	GOM_NL__2PRFIN20100518_182130_000000462089_00313_42952_0485.N1	18-MAY-2010 18:21:30	Tw_i_and_stray	46.000	58	21Alp And	2.0730	11000.	92	42952	No
218	GOM_NL__2PRFIN20100518_182544_000000442089_00313_42952_0486.N1	18-MAY-2010 18:25:44	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	42952	No
219	GOM_NL__2PRFIN20100518_184120_000000572089_00313_42952_0487.N1	18-MAY-2010 18:41:20	Dark	57.000	18	24Alp PsA	1.1660	9700.0	114	42952	No

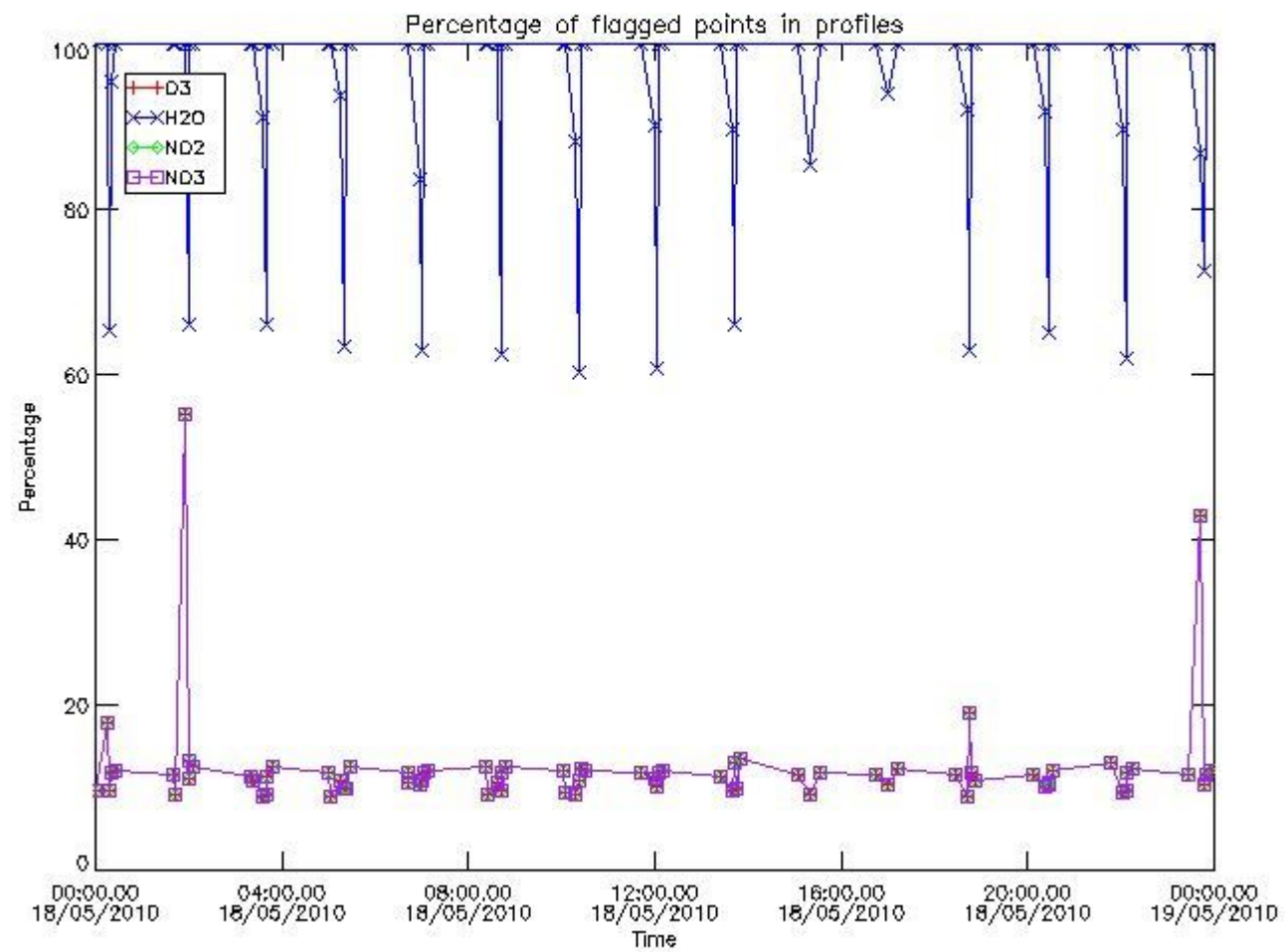
220	GOM_NL__2PRFIN20100518_184534_000000532089_00313_42952_0488.N1	18-MAY-2010 18:45:34	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	42952	No
221	GOM_NL__2PRFIN20100518_184707_000000442089_00314_42953_0479.N1	18-MAY-2010 18:47:07	Dark	43.500	31	Alp Gru	1.7340	15200.	87	42953	No
222	GOM_NL__2PRFIN20100518_185238_000000482089_00314_42953_0480.N1	18-MAY-2010 18:52:38	Dark	47.500	45	Alp Pav	1.9400	26000.	95	42953	No
223	GOM_NL__2PRFIN20100518_190047_000000422089_00314_42953_0481.N1	18-MAY-2010 19:00:47	Straylight	41.500	147	Alp Ara	2.8770	26000.	83	42953	No
224	GOM_NL__2PRFIN20100518_190220_000000512089_00314_42953_0482.N1	18-MAY-2010 19:02:20	Straylight	50.500	40	The Sco	1.8590	7100.0	101	42953	No
225	GOM_NL__2PRFIN20100518_190412_000000532089_00314_42953_0483.N1	18-MAY-2010 19:04:12	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	42953	No
226	GOM_NL__2PRFIN20100518_190626_000000522089_00314_42953_0484.N1	18-MAY-2010 19:06:26	Tw_i_and_stray	51.500	75	26Eps Sco	2.2910	4250.0	103	42953	No
227	GOM_NL__2PRFIN20100518_190927_000000632089_00314_42953_0485.N1	18-MAY-2010 19:09:27	Tw_i_and_stray	63.000	16	21Alp Sco	1.0200	3000.0	126	42953	No
228	GOM_NL__2PRFIN20100518_191159_000000442089_00314_42953_0486.N1	18-MAY-2010 19:11:59	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	42953	No
229	GOM_NL__2PRFIN20100518_191534_000000402089_00314_42953_0487.N1	18-MAY-2010 19:15:34	Bright	40.000	104	27Bet Lib	2.6140	13100.	80	42953	No
230	GOM_NL__2PRFIN20100518_192043_000000422089_00314_42953_0488.N1	18-MAY-2010 19:20:43	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	42953	No
231	GOM_NL__2PRFIN20100518_192622_000000392089_00314_42953_0489.N1	18-MAY-2010 19:26:22	Bright	39.000	83		2.3780	11000.	78	42953	No
232	GOM_NL__2PRFIN20100518_192931_000000382089_00314_42953_0490.N1	18-MAY-2010 19:29:31	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	42953	No
233	GOM_NL__2PRFIN20100518_193800_000000412089_00314_42953_0491.N1	18-MAY-2010 19:38:00	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	42953	No
234	GOM_NL__2PRFIN20100518_194857_000000472089_00314_42953_0492.N1	18-MAY-2010 19:48:57	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	42953	No
235	GOM_NL__2PRFIN20100518_195244_000000552089_00314_42953_0493.N1	18-MAY-2010 19:52:44	Bright	55.000	74	11Bet Cas	2.2680	6600.0	110	42953	No
236	GOM_NL__2PRFIN20100518_200206_000000482089_00314_42953_0494.N1	18-MAY-2010 20:02:06	Tw_i_and_stray	47.500	58	21Alp And	2.0730	11000.	95	42953	No
237	GOM_NL__2PRFIN20100518_200620_000000452089_00314_42953_0495.N1	18-MAY-2010 20:06:20	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	42953	No
238	GOM_NL__2PRFIN20100518_202157_000000552089_00314_42953_0496.N1	18-MAY-2010 20:21:57	Dark	55.000	18	24Alp PsA	1.1660	9700.0	110	42953	No
239	GOM_NL__2PRFIN20100518_202611_000000582089_00314_42953_0497.N1	18-MAY-2010 20:26:11	Dark	57.500	63	Bet Gru	2.1500	2800.0	115	42953	No
240	GOM_NL__2PRFIN20100518_202744_000000492089_00315_42954_0487.N1	18-MAY-2010 20:27:44	Dark	49.000	31	Alp Gru	1.7340	15200.	98	42954	No
241	GOM_NL__2PRFIN20100518_203315_000000422089_00315_42954_0488.N1	18-MAY-2010 20:33:15	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42954	No
242	GOM_NL__2PRFIN20100518_204124_000000422089_00315_42954_0489.N1	18-MAY-2010 20:41:24	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	42954	No
243	GOM_NL__2PRFIN20100518_204257_000000512089_00315_42954_0490.N1	18-MAY-2010 20:42:57	Straylight	51.000	40	The Sco	1.8590	7100.0	102	42954	No
244	GOM_NL__2PRFIN20100518_204449_000000532089_00315_42954_0491.N1	18-MAY-2010 20:44:49	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	42954	No
245	GOM_NL__2PRFIN20100518_204703_000000532089_00315_42954_0492.N1	18-MAY-2010 20:47:03	Tw_i_and_stray	53.000	75	26Eps Sco	2.2910	4250.0	106	42954	No
246	GOM_NL__2PRFIN20100518_205003_000000542089_00315_42954_0493.N1	18-MAY-2010 20:50:03	Tw_i_and_stray	54.000	16	21Alp Sco	1.0200	3000.0	108	42954	No
247	GOM_NL__2PRFIN20100518_205234_000000442089_00315_42954_0494.N1	18-MAY-2010 20:52:34	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	42954	No
248	GOM_NL__2PRFIN20100518_205611_000000392089_00315_42954_0495.N1	18-MAY-2010 20:56:11	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	42954	No
249	GOM_NL__2PRFIN20100518_205811_000000482089_00315_42954_0496.N1	18-MAY-2010 20:58:11	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	42954	No
250	GOM_NL__2PRFIN20100518_210119_000000432089_00315_42954_0497.N1	18-MAY-2010 21:01:19	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	42954	No
251	GOM_NL__2PRFIN20100518_210658_000000382089_00315_42954_0498.N1	18-MAY-2010 21:06:58	Bright	38.000	83		2.3780	11000.	76	42954	No
252	GOM_NL__2PRFIN20100518_211006_000000372089_00315_42954_0499.N1	18-MAY-2010 21:10:06	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	42954	No
253	GOM_NL__2PRFIN20100518_211836_000000432089_00315_42954_0500.N1	18-MAY-2010 21:18:36	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	42954	No
254	GOM_NL__2PRFIN20100518_212932_000000512089_00315_42954_0501.N1	18-MAY-2010 21:29:32	Bright	50.500	89	5Alp Cep	2.4510	8000.0	101	42954	No
255	GOM_NL__2PRFIN20100518_213320_000000372089_00315_42954_0502.N1	18-MAY-2010 21:33:20	Bright	36.500	74	11Bet Cas	2.2680	6600.0	73	42954	No
256	GOM_NL__2PRFIN20100518_214242_000000432089_00315_42954_0503.N1	18-MAY-2010 21:42:42	Tw_i_and_stray	43.000	58	21Alp And	2.0730	11000.	86	42954	No
257	GOM_NL__2PRFIN20100518_214657_000000432089_00315_42954_0504.N1	18-MAY-2010 21:46:57	Dark	42.500	140	88Gam Peg	2.8340	26000.	85	42954	No
258	GOM_NL__2PRFIN20100518_220233_000000542089_00315_42954_0505.N1	18-MAY-2010 22:02:33	Dark	54.000	18	24Alp PsA	1.1660	9700.0	108	42954	No
259	GOM_NL__2PRFIN20100518_220648_000000532089_00315_42954_0506.N1	18-MAY-2010 22:06:48	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	42954	No
260	GOM_NL__2PRFIN20100518_220820_000000472089_00316_42955_0495.N1	18-MAY-2010 22:08:20	Dark	47.000	31	Alp Gru	1.7340	15200.	94	42955	No
261	GOM_NL__2PRFIN20100518_221352_000000422089_00316_42955_0496.N1	18-MAY-2010 22:13:52	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42955	No
262	GOM_NL__2PRFIN20100518_222200_000000432089_00316_42955_0497.N1	18-MAY-2010 22:22:00	Straylight	43.000	147	Alp Ara	2.8770	26000.	86	42955	No
263	GOM_NL__2PRFIN20100518_222333_000000512089_00316_42955_0498.N1	18-MAY-2010 22:23:33	Straylight	51.000	40	The Sco	1.8590	7100.0	102	42955	No
264	GOM_NL__2PRFIN20100518_222526_000000542089_00316_42955_0499.N1	18-MAY-2010 22:25:26	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	42955	No
265	GOM_NL__2PRFIN20100518_222739_000000512089_00316_42955_0500.N1	18-MAY-2010 22:27:39	Tw_i_and_stray	50.500	75	26Eps Sco	2.2910	4250.0	101	42955	No
266	GOM_NL__2PRFIN20100518_223039_000000632089_00316_42955_0501.N1	18-MAY-2010 22:30:39	Tw_i_and_stray	63.000	16	21Alp Sco	1.0200	3000.0	126	42955	No
267	GOM_NL__2PRFIN20100518_223310_000000472089_00316_42955_0502.N1	18-MAY-2010 22:33:10	Bright	47.000	97	8Bet1Sco	2.5610	30000.	94	42955	No
268	GOM_NL__2PRFIN20100518_223646_000000392089_00316_42955_0503.N1	18-MAY-2010 22:36:46	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	42955	No
269	GOM_NL__2PRFIN20100518_223846_000000482089_00316_42955_0504.N1	18-MAY-2010 22:38:46	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	42955	No
270	GOM_NL__2PRFIN20100518_224154_000000432089_00316_42955_0505.N1	18-MAY-2010 22:41:54	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	42955	No
271	GOM_NL__2PRFIN20100518_224734_000000382089_00316_42955_0506.N1	18-MAY-2010 22:47:34	Bright	38.000	83		2.3780	11000.	76	42955	No
272	GOM_NL__2PRFIN20100518_225044_000000342089_00316_42955_0507.N1	18-MAY-2010 22:50:44	Bright	34.000	180	27Gam Boo	3.0400	8000.0	68	42955	No
273	GOM_NL__2PRFIN20100518_225911_000000602089_00316_42955_0508.N1	18-MAY-2010 22:59:11	Bright	60.000	119	14Eta Dra	2.7270	4700.0	120	42955	No
274	GOM_NL__2PRFIN20100518_231008_000000462089_00316_42955_0509.N1	18-MAY-2010 23:10:08	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	42955	No
275	GOM_NL__2PRFIN20100518_231356_000000352089_00316_42955_0510.N1	18-MAY-2010 23:13:56	Bright	35.000	74	11Bet Cas	2.2680	6600.0	70	42955	No
276	GOM_NL__2PRFIN20100518_232318_000000472089_00316_42955_0511.N1	18-MAY-2010 23:23:18	Tw_i_and_stray	47.000	58	21Alp And	2.0730	11000.	94	42955	No
277	GOM_NL__2PRFIN20100518_232733_000000442089_00316_42955_0512.N1	18-MAY-2010 23:27:33	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	42955	No
278	GOM_NL__2PRFIN20100518_234310_000000502089_00316_42955_0513.N1	18-MAY-2010 23:43:10	Dark	49.500	18	24Alp PsA	1.1660	9700.0	99	42955	No

279	GOM_NL__2PRFIN20100518_234724_000000502089_00316_42955_0514.N1	18-MAY-2010 23:47:24	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	42955	No
280	GOM_NL__2PRFIN20100518_234858_000000492089_00317_42956_0503.N1	18-MAY-2010 23:48:58	Dark	48.500	31	Alp Gru	1.7340	15200.	97	42956	No
281	GOM_NL__2PRFIN20100518_235428_000000422089_00317_42956_0504.N1	18-MAY-2010 23:54:28	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42956	No

### 3. Quality information per product

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

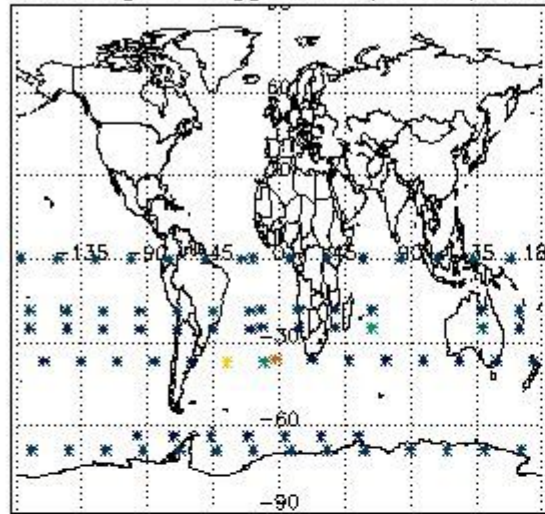
#### 3.1 Plot quality information per product (time dependant)



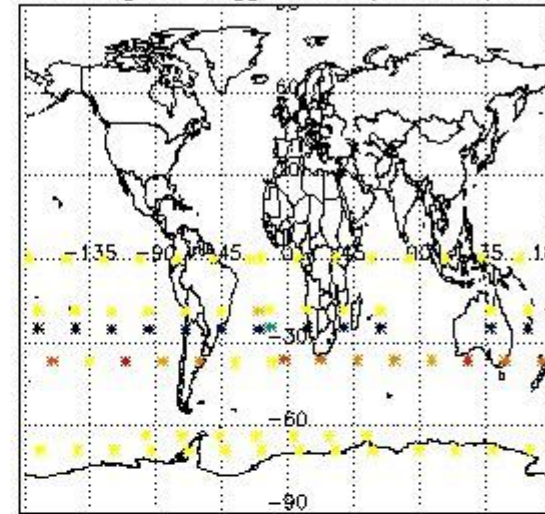
#### 3.2 Plot quality information per product (world map)



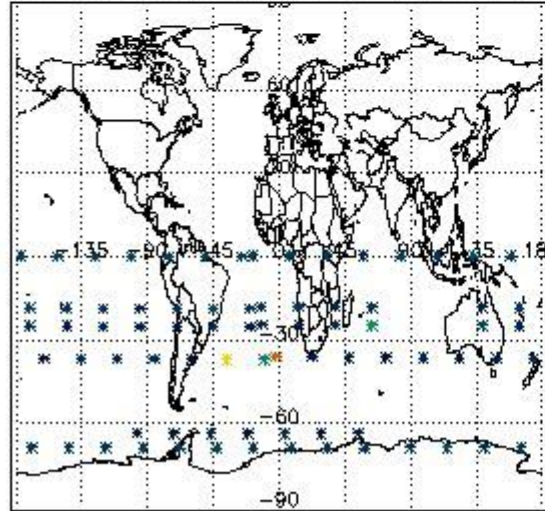
Percentage of flagged data per O3 profile



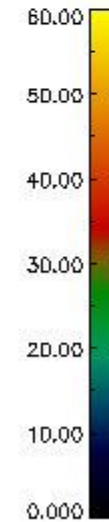
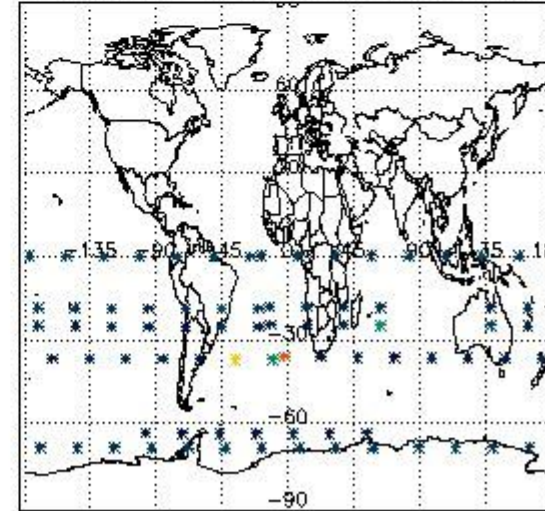
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



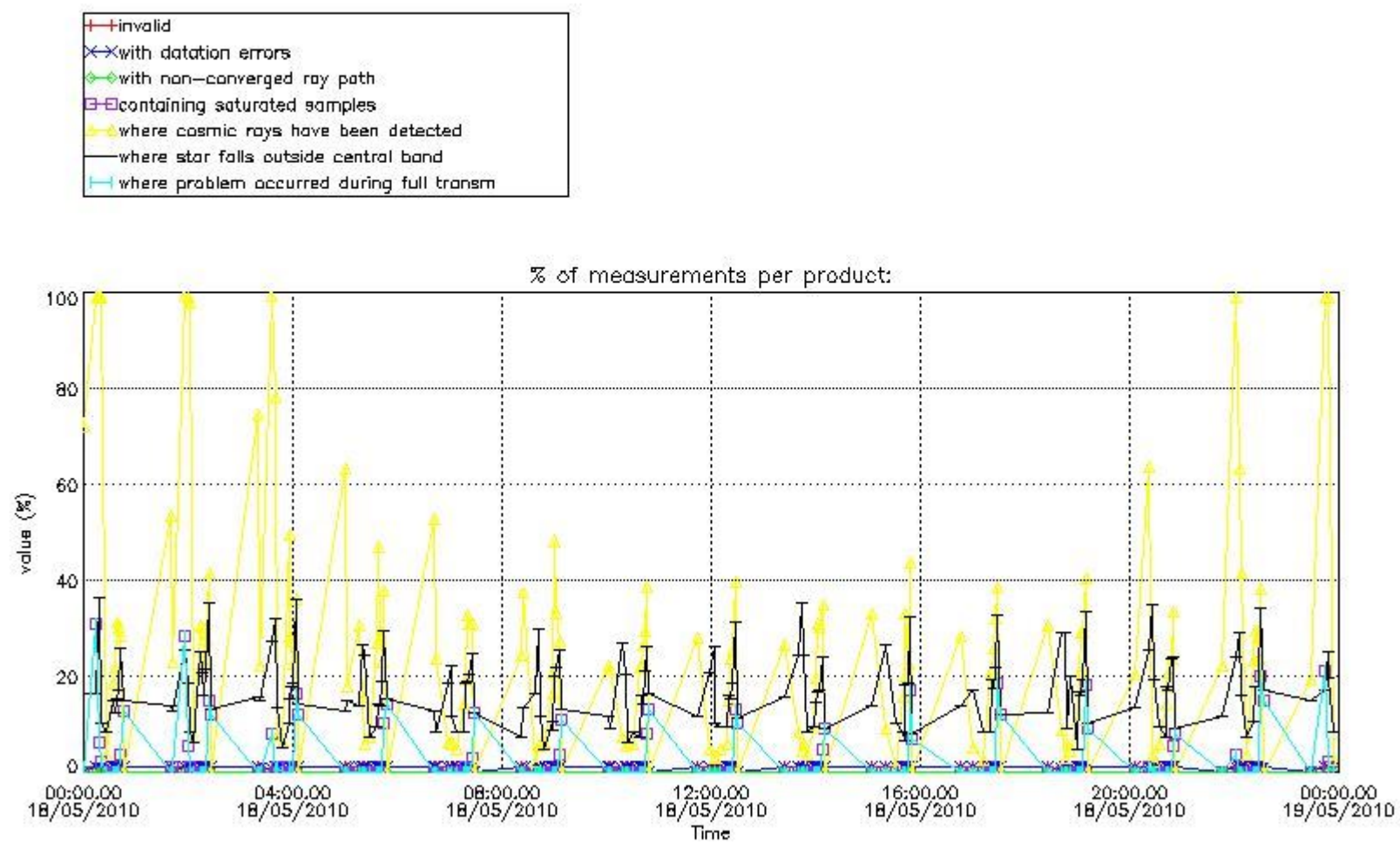
#### 4. Level 1 quality information per product

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

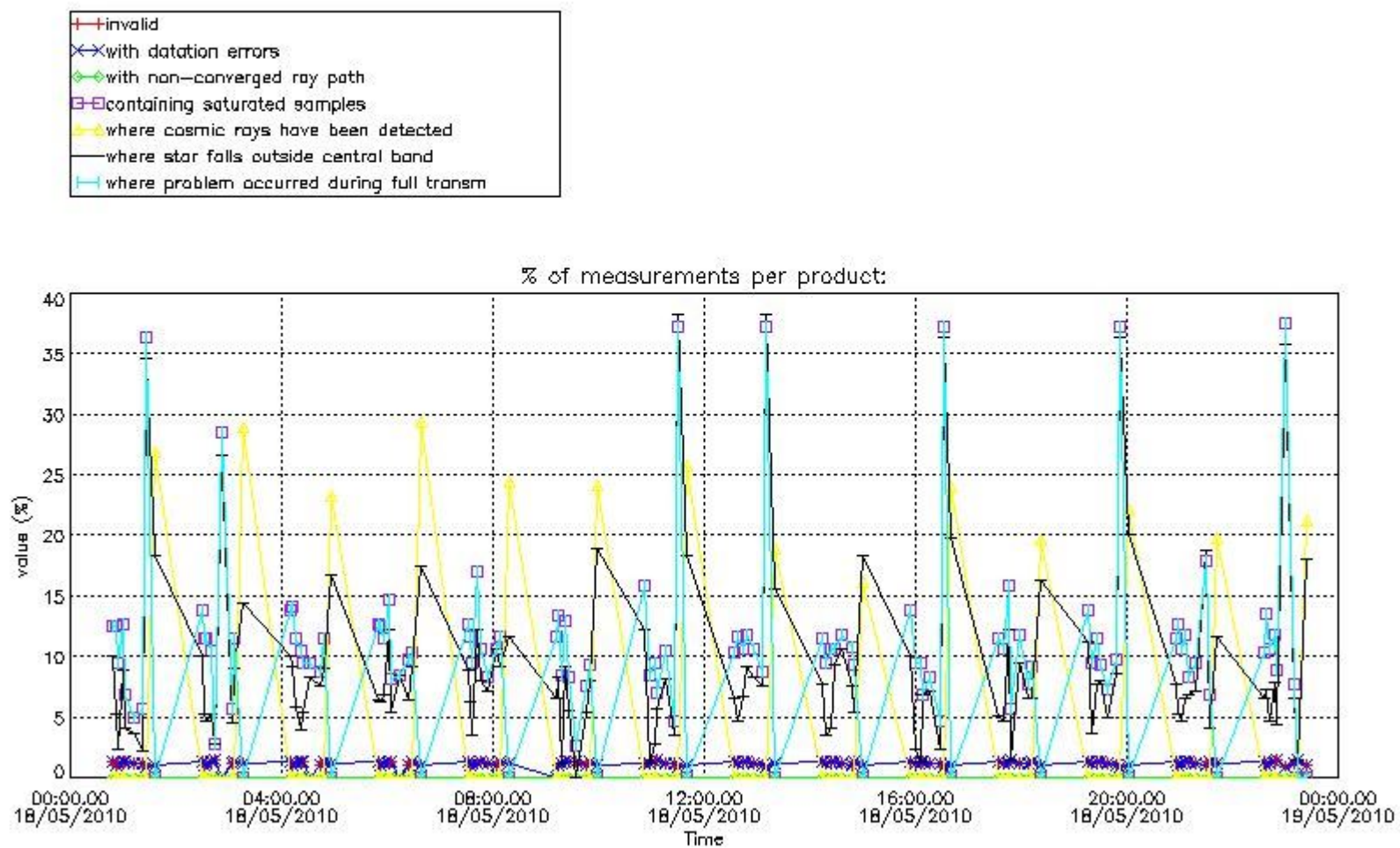
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



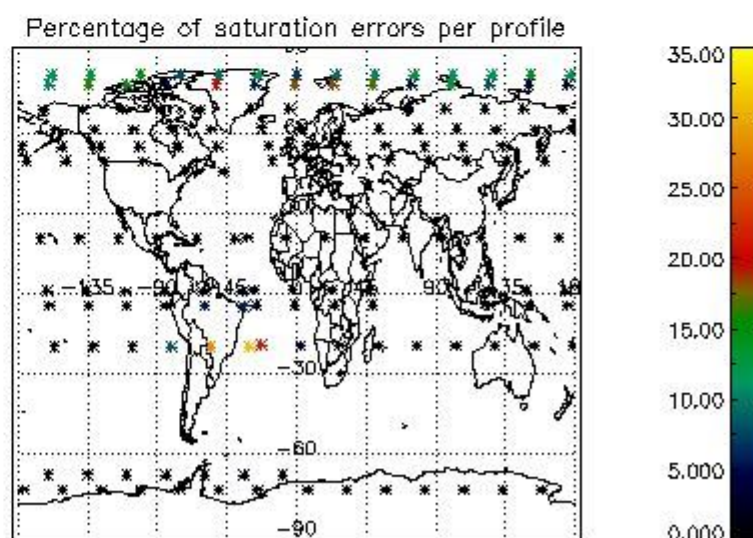
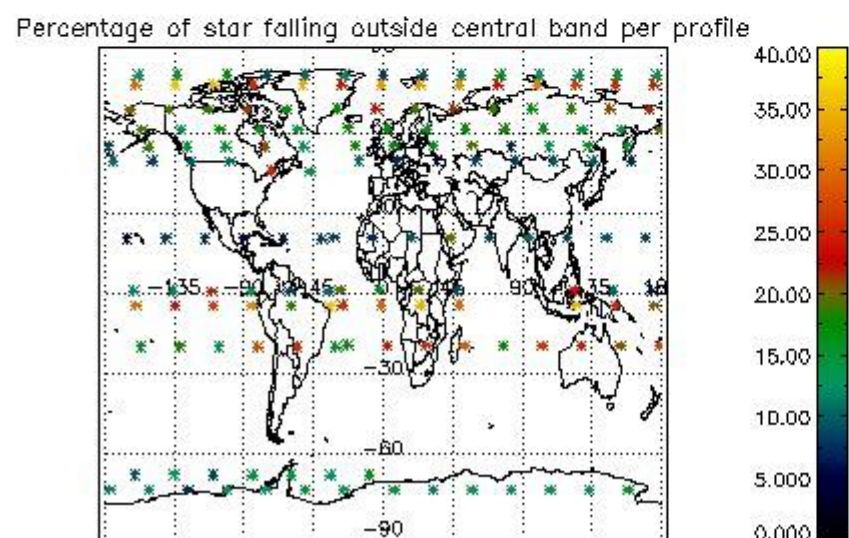
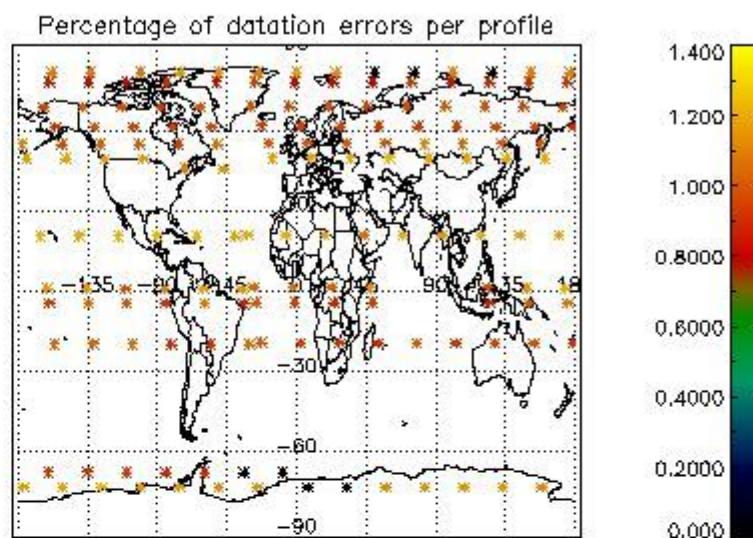
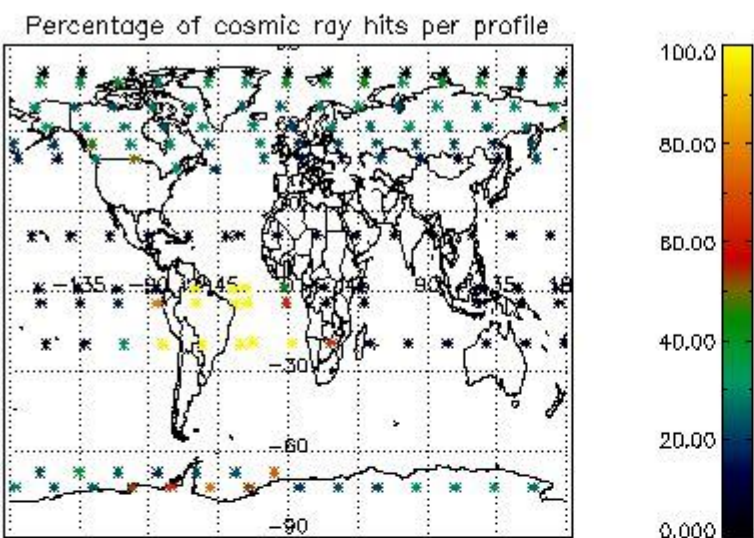


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



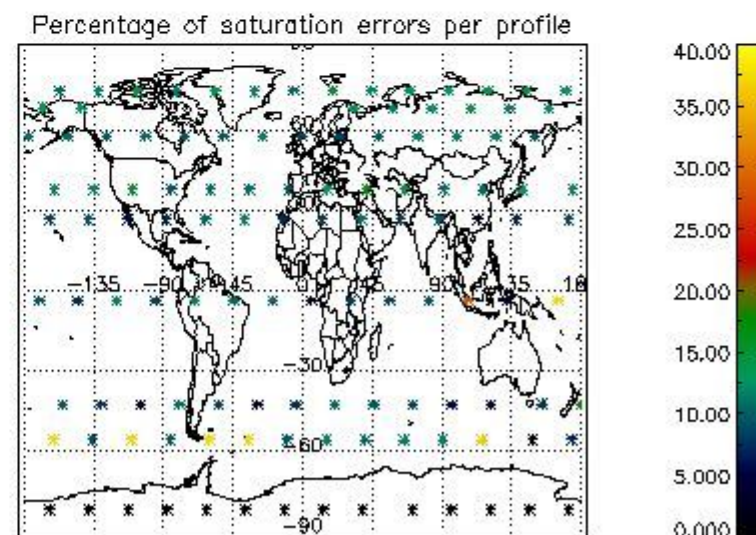
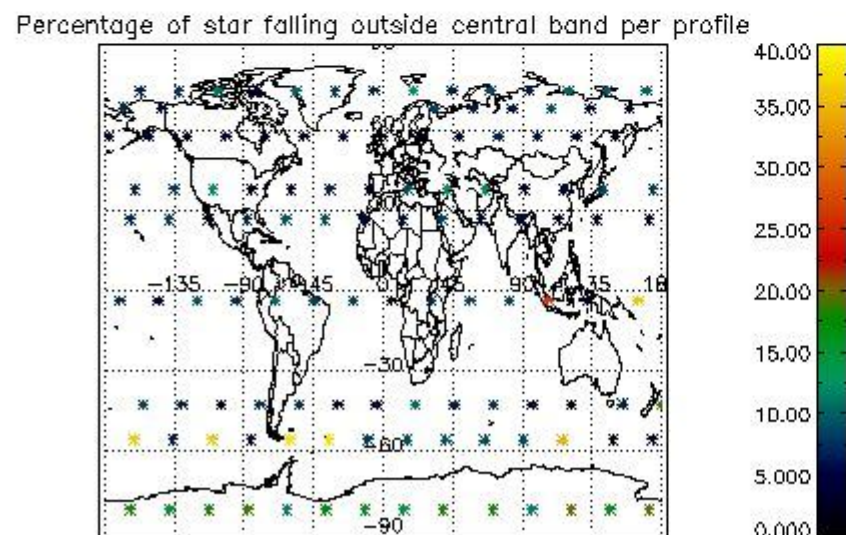
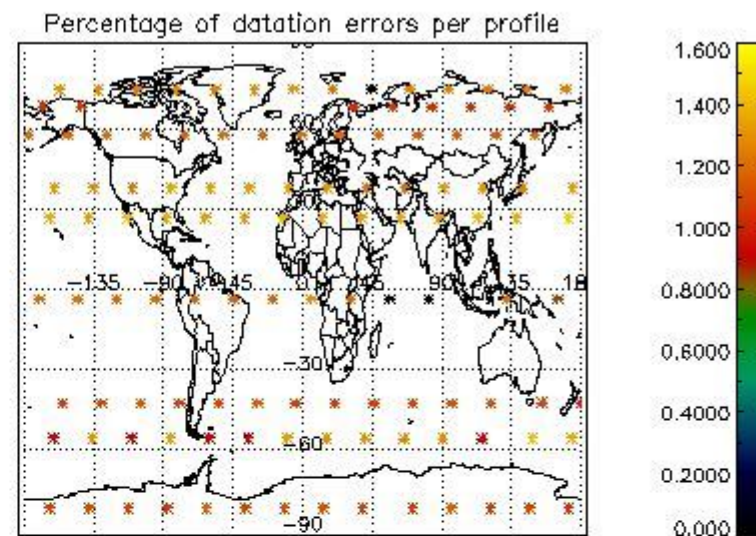
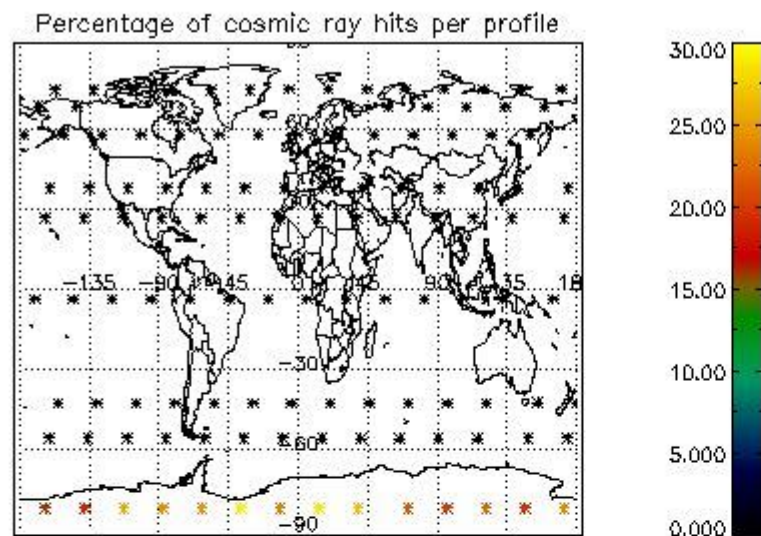
4.2 Plot quality information per product coming from level 1b processing (world map)

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



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

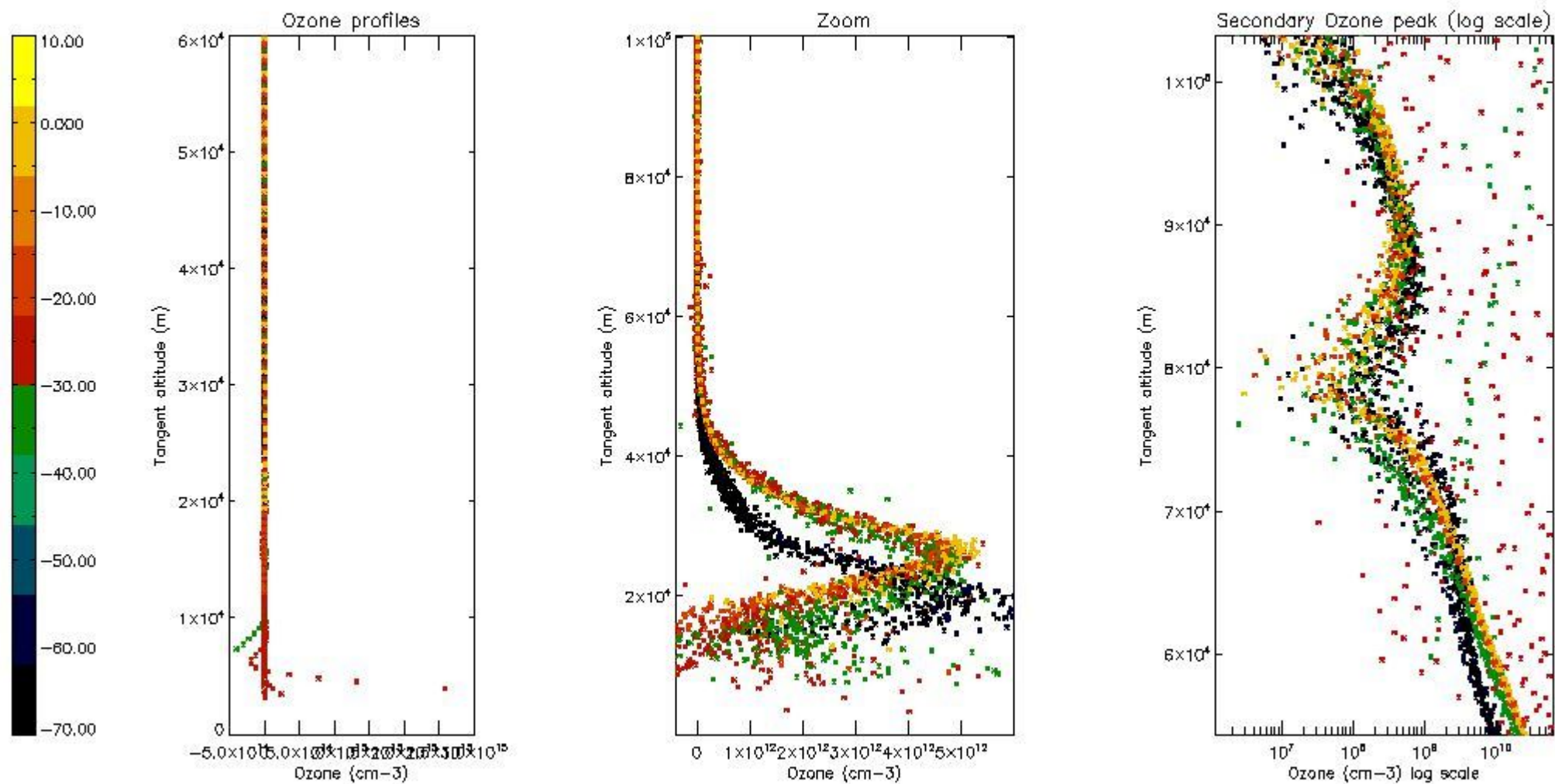
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	29
STD < 20	16

STD < 10	12
STD < 5	8

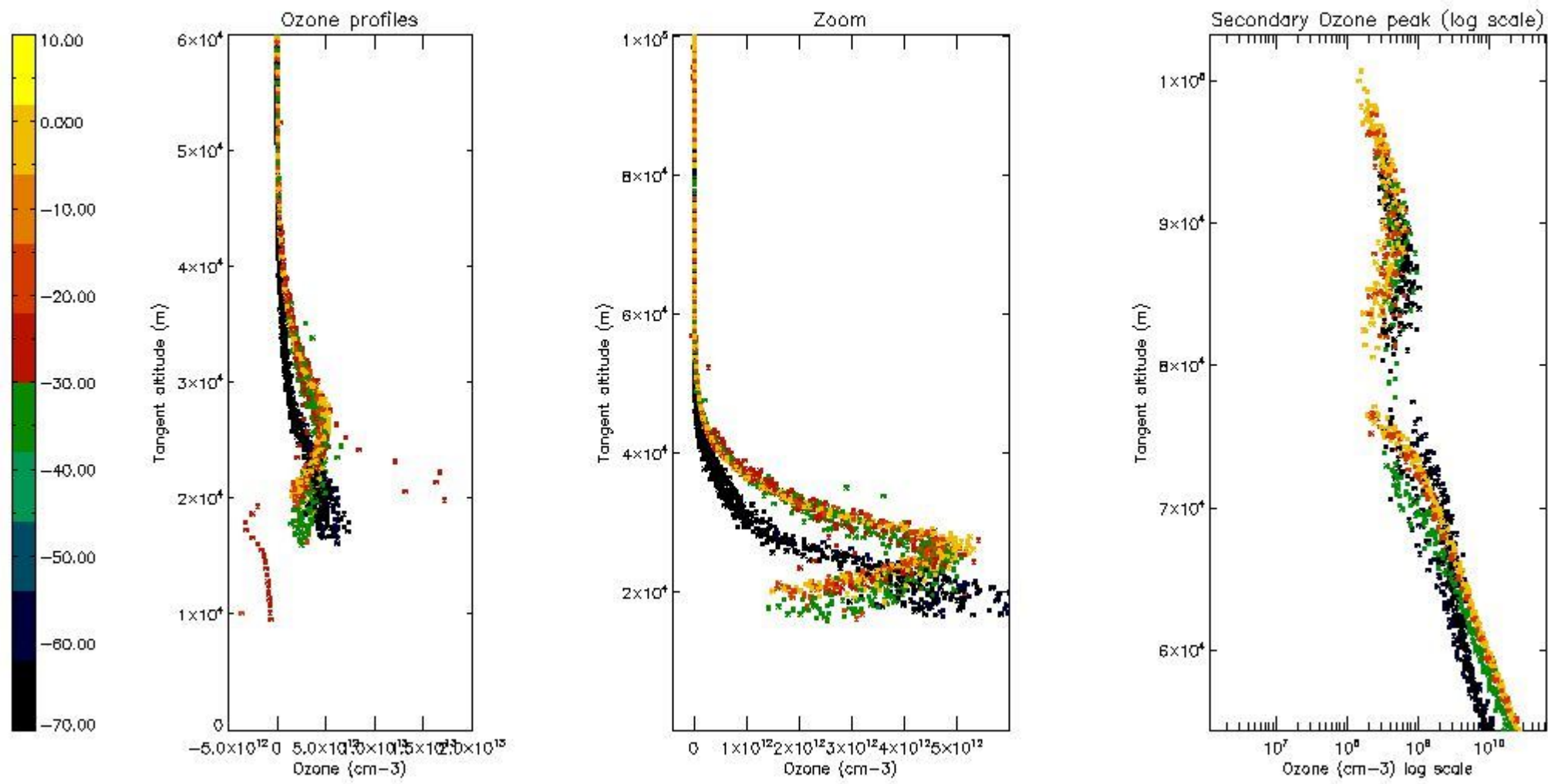
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

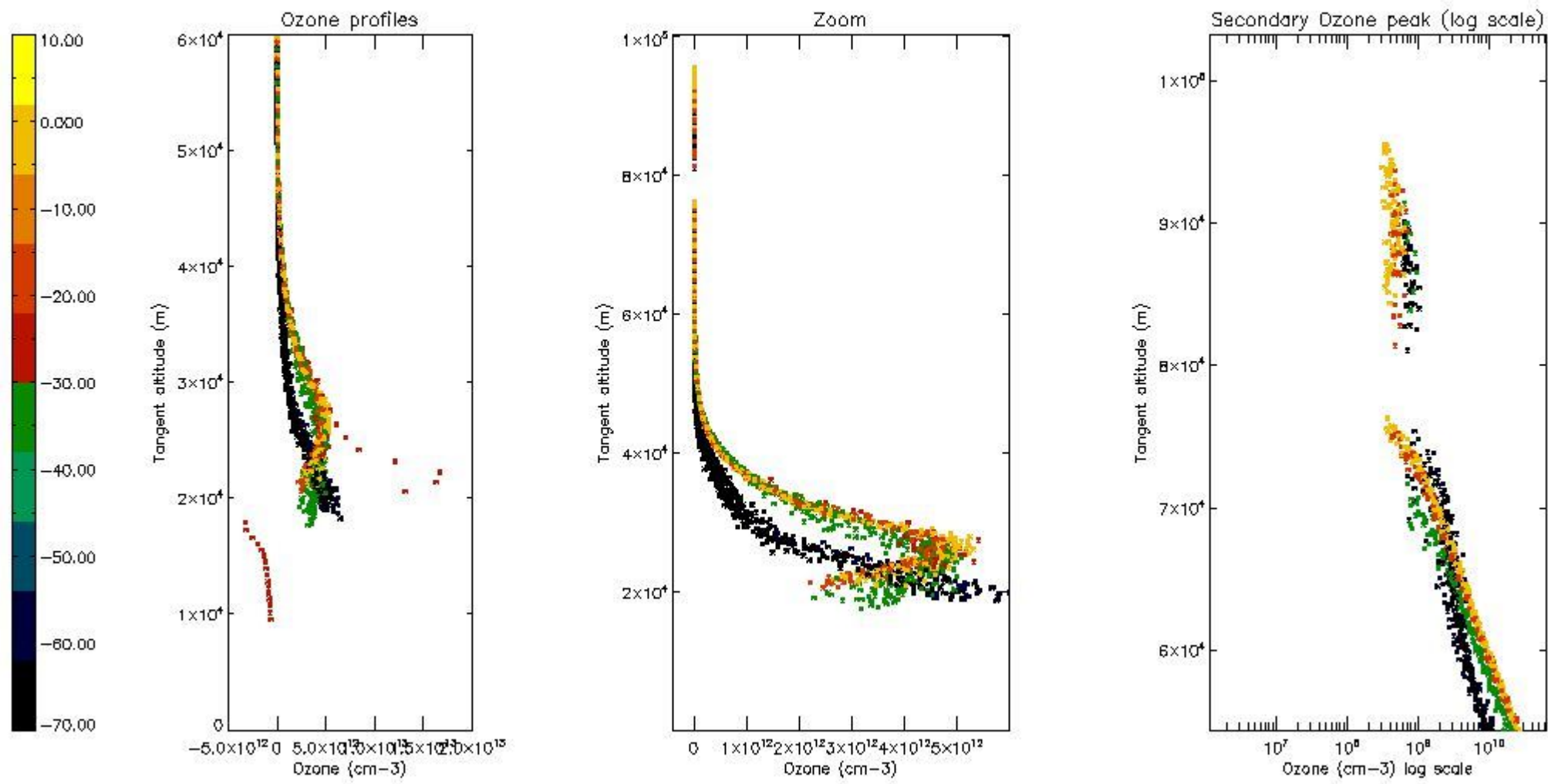
The colorbar represents the latitude.



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

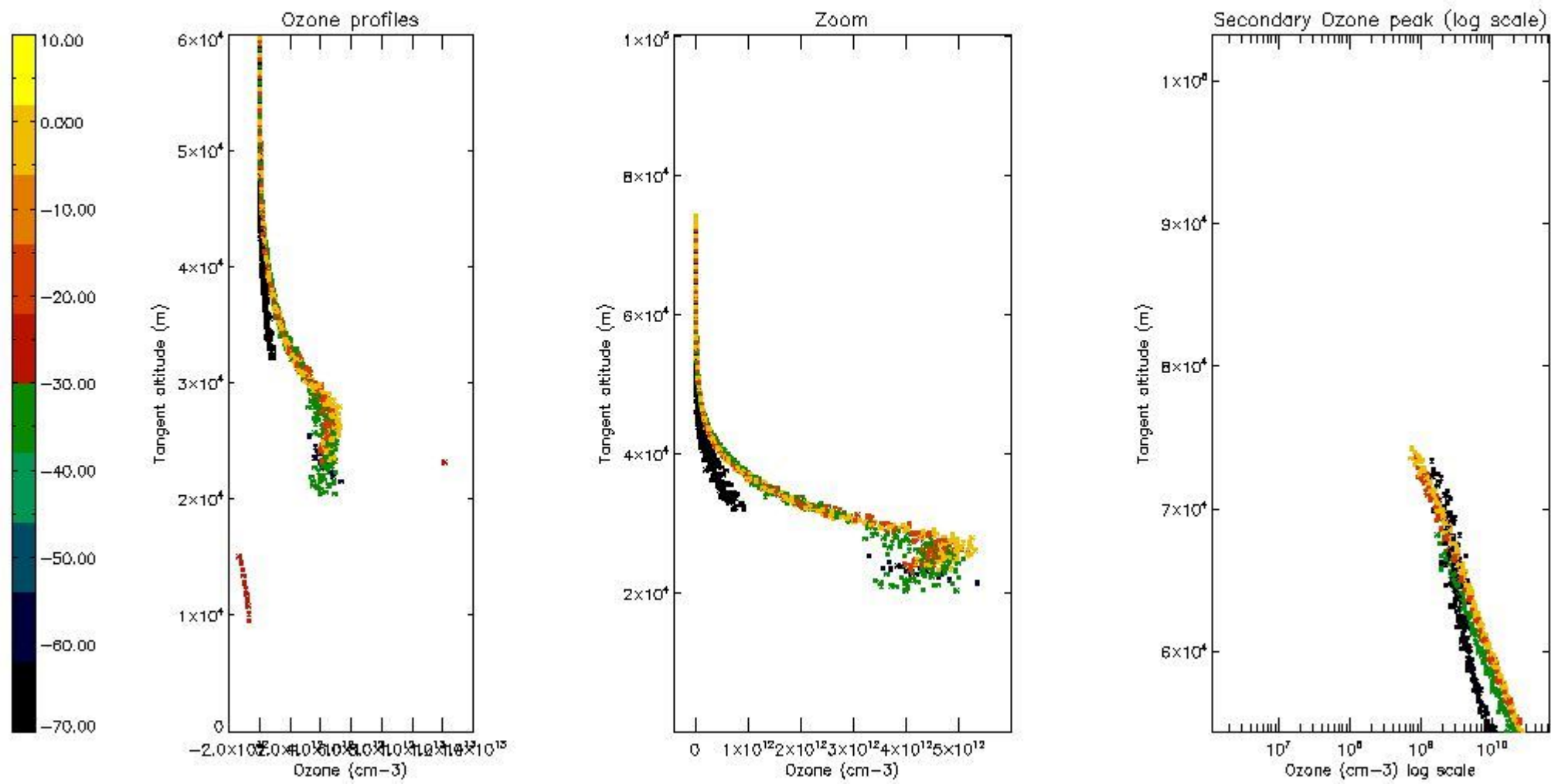
The colorbar represents the latitude.





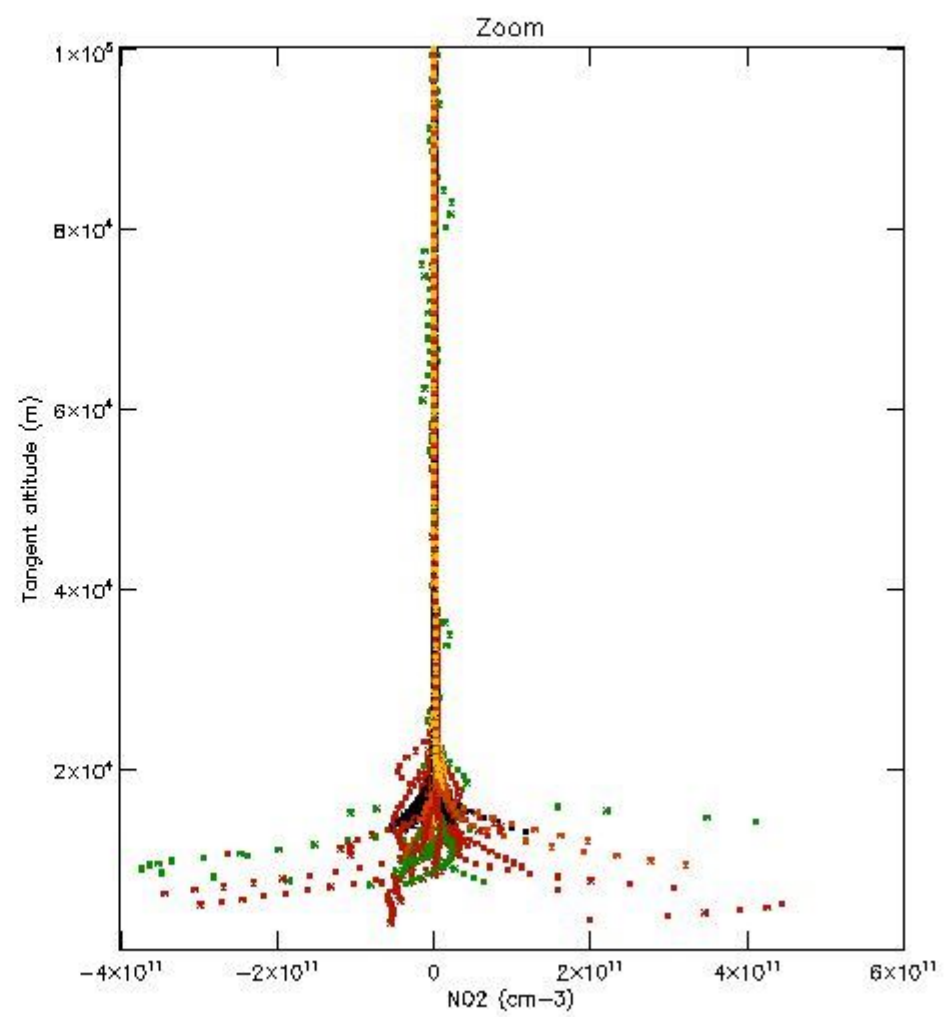
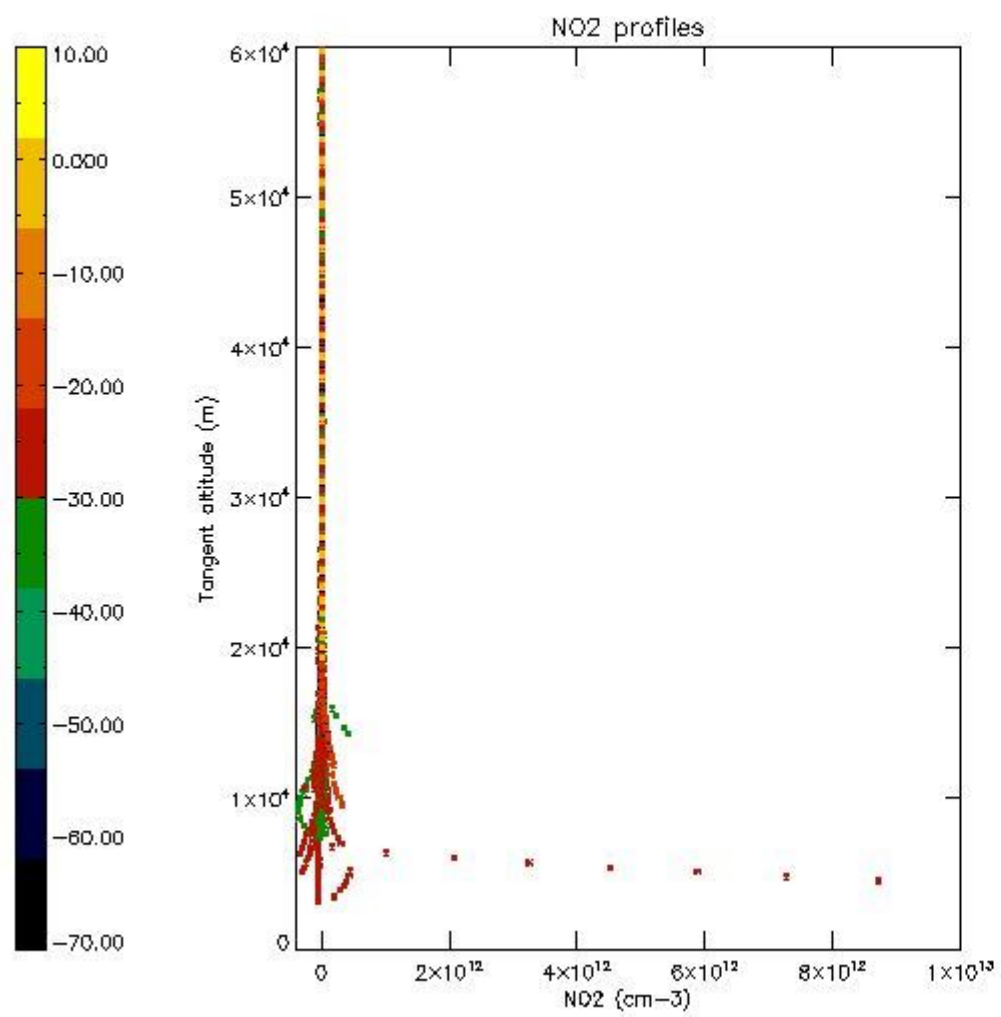
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

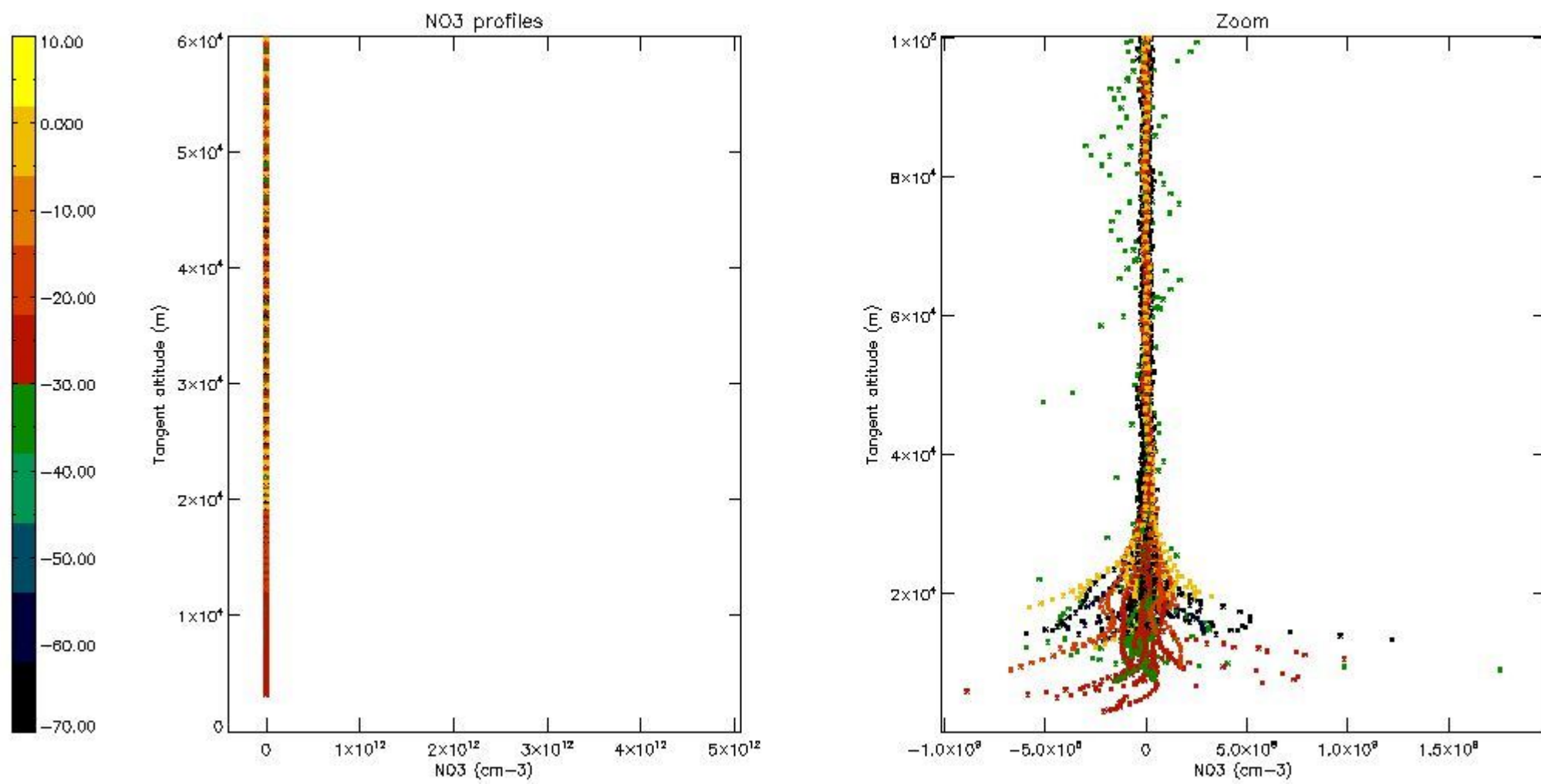
The colorbar represents the latitude.



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

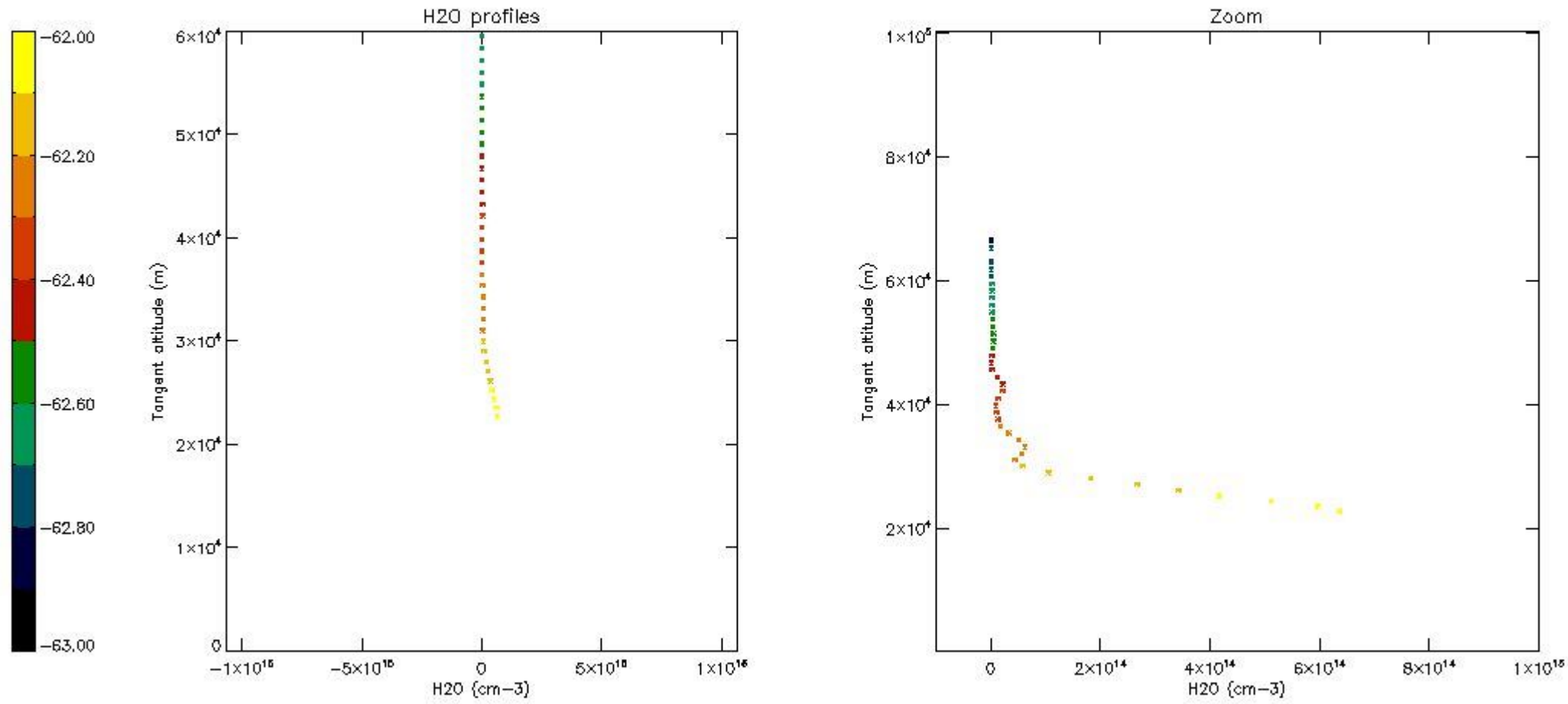
The colorbar represents the latitude.





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	18-MAY-2010 00:00:50
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-MAY-2010 00:00:50
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-MAY-2010 00:00:50

# GOMOS Level 2 Daily Report

## SUMMARY

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### [2. Summary of processed GOM\\_NL\\_2P products](#)

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

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

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

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

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

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

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

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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 10:55:39
Data source version	GOMOS/6.01
Start time of products	18-05-2010 (18MAY2010 00:00:00)
Stop time of products	19-05-2010 (19MAY2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	281
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__2PRFIN20100518_000050_00000582089_00302_42941_0301.N1	18-MAY-2010 00:00:50	Dark	57.500	90	54Alp Peg	2.4870	11000.	115	42941	No
2	GOM_NL__2PRFIN20100518_001435_00000492089_00302_42941_0302.N1	18-MAY-2010 00:14:35	Dark	48.500	18	24Alp PsA	1.1660	9700.0	97	42941	No
3	GOM_NL__2PRFIN20100518_001852_00000582089_00302_42941_0303.N1	18-MAY-2010 00:18:52	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	42941	No
4	GOM_NL__2PRFIN20100518_002023_00000442089_00303_42942_0372.N1	18-MAY-2010 00:20:23	Dark	43.500	31	Alp Gru	1.7340	15200.	87	42942	No
5	GOM_NL__2PRFIN20100518_002555_00000432089_00303_42942_0373.N1	18-MAY-2010 00:25:55	Dark	42.500	45	Alp Pav	1.9400	26000.	85	42942	No
6	GOM_NL__2PRFIN20100518_003301_00000442089_00303_42942_0374.N1	18-MAY-2010 00:33:01	Straylight	43.500	141	Bet Ara	2.8400	4600.0	87	42942	No
7	GOM_NL__2PRFIN20100518_003538_00000482089_00303_42942_0375.N1	18-MAY-2010 00:35:38	Straylight	48.000	40	The Sco	1.8590	7100.0	96	42942	No
8	GOM_NL__2PRFIN20100518_003730_00000532089_00303_42942_0376.N1	18-MAY-2010 00:37:30	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	42942	No
9	GOM_NL__2PRFIN20100518_003946_00000502089_00303_42942_0377.N1	18-MAY-2010 00:39:46	Twi_and_stray	50.000	75	26Eps Sco	2.2910	4250.0	100	42942	No
10	GOM_NL__2PRFIN20100518_004248_00000572089_00303_42942_0378.N1	18-MAY-2010 00:42:48	Twi_and_stray	56.500	16	21Alp Sco	1.0200	3000.0	113	42942	No
11	GOM_NL__2PRFIN20100518_004521_00000472089_00303_42942_0379.N1	18-MAY-2010 00:45:21	Bright	46.500	97	8Bet1Sco	2.5610	30000.	93	42942	No
12	GOM_NL__2PRFIN20100518_004858_00000402089_00303_42942_0380.N1	18-MAY-2010 00:48:58	Bright	40.000	104	27Bet Lib	2.6140	13100.	80	42942	No
13	GOM_NL__2PRFIN20100518_005101_00000482089_00303_42942_0381.N1	18-MAY-2010 00:51:01	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	42942	No
14	GOM_NL__2PRFIN20100518_005410_00000432089_00303_42942_0382.N1	18-MAY-2010 00:54:10	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	42942	No
15	GOM_NL__2PRFIN20100518_005948_00000402089_00303_42942_0383.N1	18-MAY-2010 00:59:48	Bright	39.500	83		2.3780	11000.	79	42942	No
16	GOM_NL__2PRFIN20100518_010257_00000372089_00303_42942_0384.N1	18-MAY-2010 01:02:57	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	42942	No
17	GOM_NL__2PRFIN20100518_011130_00000412089_00303_42942_0385.N1	18-MAY-2010 01:11:30	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	42942	No
18	GOM_NL__2PRFIN20100518_012227_00000452089_00303_42942_0386.N1	18-MAY-2010 01:22:27	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	42942	No
19	GOM_NL__2PRFIN20100518_012609_00000552089_00303_42942_0387.N1	18-MAY-2010 01:26:09	Bright	55.000	74	11Bet Cas	2.2680	6600.0	110	42942	No
20	GOM_NL__2PRFIN20100518_013529_00000472089_00303_42942_0388.N1	18-MAY-2010 01:35:29	Twi_and_stray	46.500	58	21Alp And	2.0730	11000.	93	42942	No
21	GOM_NL__2PRFIN20100518_013942_00000442089_00303_42942_0389.N1	18-MAY-2010 01:39:42	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	42942	No
22	GOM_NL__2PRFIN20100518_014127_00000552089_00303_42942_0390.N1	18-MAY-2010 01:41:27	Dark	55.000	90	54Alp Peg	2.4870	11000.	110	42942	No
23	GOM_NL__2PRFIN20100518_015512_00000552089_00303_42942_0391.N1	18-MAY-2010 01:55:12	Dark	55.000	18	24Alp PsA	1.1660	9700.0	110	42942	No
24	GOM_NL__2PRFIN20100518_015928_00000462089_00303_42942_0392.N1	18-MAY-2010 01:59:28	Dark	46.000	63	Bet Gru	2.1500	2800.0	92	42942	No
25	GOM_NL__2PRFIN20100518_020100_00000432089_00304_42943_0376.N1	18-MAY-2010 02:01:00	Dark	42.500	31	Alp Gru	1.7340	15200.	85	42943	No
26	GOM_NL__2PRFIN20100518_020632_00000412089_00304_42943_0377.N1	18-MAY-2010 02:06:32	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42943	No
27	GOM_NL__2PRFIN20100518_021340_00000462089_00304_42943_0378.N1	18-MAY-2010 02:13:40	Straylight	46.000	141	Bet Ara	2.8400	4600.0	92	42943	No
28	GOM_NL__2PRFIN20100518_021615_00000532089_00304_42943_0379.N1	18-MAY-2010 02:16:15	Straylight	53.000	40	The Sco	1.8590	7100.0	106	42943	No
29	GOM_NL__2PRFIN20100518_021807_00000532089_00304_42943_0380.N1	18-MAY-2010 02:18:07	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	42943	No
30	GOM_NL__2PRFIN20100518_022022_00000542089_00304_42943_0381.N1	18-MAY-2010 02:20:22	Twi_and_stray	54.000	75	26Eps Sco	2.2910	4250.0	108	42943	No
31	GOM_NL__2PRFIN20100518_022325_00000642089_00304_42943_0382.N1	18-MAY-2010 02:23:25	Twi_and_stray	64.000	16	21Alp Sco	1.0200	3000.0	128	42943	No
32	GOM_NL__2PRFIN20100518_022557_00000462089_00304_42943_0383.N1	18-MAY-2010 02:25:57	Bright	46.000	97	8Bet1Sco	2.5610	30000.	92	42943	No
33	GOM_NL__2PRFIN20100518_022934_00000402089_00304_42943_0384.N1	18-MAY-2010 02:29:34	Bright	40.000	104	27Bet Lib	2.6140	13100.	80	42943	No
34	GOM_NL__2PRFIN20100518_023137_00000482089_00304_42943_0385.N1	18-MAY-2010 02:31:37	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	42943	No
35	GOM_NL__2PRFIN20100518_023446_00000442089_00304_42943_0386.N1	18-MAY-2010 02:34:46	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	42943	No
36	GOM_NL__2PRFIN20100518_024024_00000382089_00304_42943_0387.N1	18-MAY-2010 02:40:24	Bright	38.000	83		2.3780	11000.	76	42943	No
37	GOM_NL__2PRFIN20100518_024333_00000362089_00304_42943_0388.N1	18-MAY-2010 02:43:33	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	42943	No
38	GOM_NL__2PRFIN20100518_025205_00000532089_00304_42943_0389.N1	18-MAY-2010 02:52:05	Bright	52.500	119	14Eta Dra	2.7270	4700.0	105	42943	No
39	GOM_NL__2PRFIN20100518_030302_00000452089_00304_42943_0390.N1	18-MAY-2010 03:03:02	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	42943	No
40	GOM_NL__2PRFIN20100518_030645_00000392089_00304_42943_0391.N1	18-MAY-2010 03:06:45	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	42943	No
41	GOM_NL__2PRFIN20100518_031605_00000452089_00304_42943_0392.N1	18-MAY-2010 03:16:05	Twi_and_stray	45.000	58	21Alp And	2.0730	11000.	90	42943	No
42	GOM_NL__2PRFIN20100518_032018_00000452089_00304_42943_0393.N1	18-MAY-2010 03:20:18	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	42943	No

43	GOM_NL__2PRFIN20100518_032203_000000572089_00304_42943_0394.N1	18-MAY-2010 03:22:03	Dark	56.500	90	54Alp Peg	2.4870	11000.	113	42943	No
44	GOM_NL__2PRFIN20100518_033549_000000572089_00304_42943_0395.N1	18-MAY-2010 03:35:49	Dark	56.500	18	24Alp PsA	1.1660	9700.0	113	42943	No
45	GOM_NL__2PRFIN20100518_034005_000000552089_00304_42943_0396.N1	18-MAY-2010 03:40:05	Dark	55.000	63	Bet Gru	2.1500	2800.0	110	42943	No
46	GOM_NL__2PRFIN20100518_034137_000000452089_00305_42944_0387.N1	18-MAY-2010 03:41:37	Dark	45.000	31	Alp Gru	1.7340	15200.	90	42944	No
47	GOM_NL__2PRFIN20100518_034709_000000412089_00305_42944_0388.N1	18-MAY-2010 03:47:09	Dark	40.500	45	Alp Pav	1.9400	26000.	81	42944	No
48	GOM_NL__2PRFIN20100518_035519_000000442089_00305_42944_0389.N1	18-MAY-2010 03:55:19	Straylight	43.500	147	Alp Ara	2.8770	26000.	87	42944	No
49	GOM_NL__2PRFIN20100518_035652_000000502089_00305_42944_0390.N1	18-MAY-2010 03:56:52	Straylight	49.500	40	The Sco	1.8590	7100.0	99	42944	No
50	GOM_NL__2PRFIN20100518_035844_000000542089_00305_42944_0391.N1	18-MAY-2010 03:58:44	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	42944	No
51	GOM_NL__2PRFIN20100518_040059_000000512089_00305_42944_0392.N1	18-MAY-2010 04:00:59	Twi_and_stray	51.000	75	26Eps Sco	2.2910	4250.0	102	42944	No
52	GOM_NL__2PRFIN20100518_040401_000000642089_00305_42944_0393.N1	18-MAY-2010 04:04:01	Twi_and_stray	64.000	16	21Alp Sco	1.0200	3000.0	128	42944	No
53	GOM_NL__2PRFIN20100518_040633_000000462089_00305_42944_0394.N1	18-MAY-2010 04:06:33	Bright	46.000	97	8Bet1Sco	2.5610	30000.	92	42944	No
54	GOM_NL__2PRFIN20100518_041010_000000402089_00305_42944_0395.N1	18-MAY-2010 04:10:10	Bright	40.000	104	27Bet Lib	2.6140	13100.	80	42944	No
55	GOM_NL__2PRFIN20100518_041213_000000502089_00305_42944_0396.N1	18-MAY-2010 04:12:13	Bright	49.500	120	1Del Oph	2.7340	3200.0	99	42944	No
56	GOM_NL__2PRFIN20100518_041522_000000442089_00305_42944_0397.N1	18-MAY-2010 04:15:22	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	42944	No
57	GOM_NL__2PRFIN20100518_042100_000000382089_00305_42944_0398.N1	18-MAY-2010 04:21:00	Bright	38.000	83		2.3780	11000.	76	42944	No
58	GOM_NL__2PRFIN20100518_042408_000000372089_00305_42944_0399.N1	18-MAY-2010 04:24:08	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	42944	No
59	GOM_NL__2PRFIN20100518_043241_000000422089_00305_42944_0400.N1	18-MAY-2010 04:32:41	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	42944	No
60	GOM_NL__2PRFIN20100518_044337_000000462089_00305_42944_0401.N1	18-MAY-2010 04:43:37	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	42944	No
61	GOM_NL__2PRFIN20100518_044722_000000392089_00305_42944_0402.N1	18-MAY-2010 04:47:22	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	42944	No
62	GOM_NL__2PRFIN20100518_045641_000000452089_00305_42944_0403.N1	18-MAY-2010 04:56:41	Twi_and_stray	45.000	58	21Alp And	2.0730	11000.	90	42944	No
63	GOM_NL__2PRFIN20100518_050054_000000442089_00305_42944_0404.N1	18-MAY-2010 05:00:54	Dark	43.500	140	88Gam Peg	2.8340	26000.	87	42944	No
64	GOM_NL__2PRFIN20100518_050240_000000572089_00305_42944_0405.N1	18-MAY-2010 05:02:40	Dark	56.500	90	54Alp Peg	2.4870	11000.	113	42944	No
65	GOM_NL__2PRFIN20100518_051626_000000482089_00305_42944_0406.N1	18-MAY-2010 05:16:26	Dark	47.500	18	24Alp PsA	1.1660	9700.0	95	42944	No
66	GOM_NL__2PRFIN20100518_052042_000000512089_00305_42944_0407.N1	18-MAY-2010 05:20:42	Dark	51.000	63	Bet Gru	2.1500	2800.0	102	42944	No
67	GOM_NL__2PRFIN20100518_052214_000000522089_00306_42945_0395.N1	18-MAY-2010 05:22:14	Dark	51.500	31	Alp Gru	1.7340	15200.	103	42945	No
68	GOM_NL__2PRFIN20100518_052745_000000412089_00306_42945_0396.N1	18-MAY-2010 05:27:45	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42945	No
69	GOM_NL__2PRFIN20100518_053555_000000432089_00306_42945_0397.N1	18-MAY-2010 05:35:55	Straylight	42.500	147	Alp Ara	2.8770	26000.	85	42945	No
70	GOM_NL__2PRFIN20100518_053728_000000492089_00306_42945_0398.N1	18-MAY-2010 05:37:28	Straylight	49.000	40	The Sco	1.8590	7100.0	98	42945	No
71	GOM_NL__2PRFIN20100518_053920_000000512089_00306_42945_0399.N1	18-MAY-2010 05:39:20	Straylight	51.000	25	35Lam Sco	1.6200	28000.	102	42945	No
72	GOM_NL__2PRFIN20100518_054136_000000502089_00306_42945_0400.N1	18-MAY-2010 05:41:36	Twi_and_stray	50.000	75	26Eps Sco	2.2910	4250.0	100	42945	No
73	GOM_NL__2PRFIN20100518_054437_000000602089_00306_42945_0401.N1	18-MAY-2010 05:44:37	Twi_and_stray	59.500	16	21Alp Sco	1.0200	3000.0	119	42945	No
74	GOM_NL__2PRFIN20100518_054710_000000462089_00306_42945_0402.N1	18-MAY-2010 05:47:10	Bright	46.000	97	8Bet1Sco	2.5610	30000.	92	42945	No
75	GOM_NL__2PRFIN20100518_055046_000000402089_00306_42945_0403.N1	18-MAY-2010 05:50:46	Bright	39.500	104	27Bet Lib	2.6140	13100.	79	42945	No
76	GOM_NL__2PRFIN20100518_055249_000000482089_00306_42945_0404.N1	18-MAY-2010 05:52:49	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	42945	No
77	GOM_NL__2PRFIN20100518_055557_000000442089_00306_42945_0405.N1	18-MAY-2010 05:55:57	Bright	43.500	102	24Alp Ser	2.6000	4250.0	87	42945	No
78	GOM_NL__2PRFIN20100518_060135_000000412089_00306_42945_0406.N1	18-MAY-2010 06:01:35	Bright	41.000	83		2.3780	11000.	82	42945	No
79	GOM_NL__2PRFIN20100518_060444_000000372089_00306_42945_0407.N1	18-MAY-2010 06:04:44	Bright	37.000	180	27Gam Boo	3.0400	8000.0	74	42945	No
80	GOM_NL__2PRFIN20100518_061316_000000422089_00306_42945_0408.N1	18-MAY-2010 06:13:16	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	42945	No
81	GOM_NL__2PRFIN20100518_062413_000000472089_00306_42945_0409.N1	18-MAY-2010 06:24:13	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	42945	No
82	GOM_NL__2PRFIN20100518_062757_000000392089_00306_42945_0410.N1	18-MAY-2010 06:27:57	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	42945	No
83	GOM_NL__2PRFIN20100518_063717_000000462089_00306_42945_0411.N1	18-MAY-2010 06:37:17	Twi_and_stray	46.000	58	21Alp And	2.0730	11000.	92	42945	No
84	GOM_NL__2PRFIN20100518_064131_000000442089_00306_42945_0412.N1	18-MAY-2010 06:41:31	Dark	43.500	140	88Gam Peg	2.8340	26000.	87	42945	No
85	GOM_NL__2PRFIN20100518_064316_000000532089_00306_42945_0413.N1	18-MAY-2010 06:43:16	Dark	53.000	90	54Alp Peg	2.4870	11000.	106	42945	No
86	GOM_NL__2PRFIN20100518_065703_000000492089_00306_42945_0414.N1	18-MAY-2010 06:57:03	Dark	49.000	18	24Alp PsA	1.1660	9700.0	98	42945	No
87	GOM_NL__2PRFIN20100518_070118_000000482089_00306_42945_0415.N1	18-MAY-2010 07:01:18	Dark	47.500	63	Bet Gru	2.1500	2800.0	95	42945	No
88	GOM_NL__2PRFIN20100518_070250_000000442089_00307_42946_0403.N1	18-MAY-2010 07:02:50	Dark	43.500	31	Alp Gru	1.7340	15200.	87	42946	No
89	GOM_NL__2PRFIN20100518_070822_000000422089_00307_42946_0404.N1	18-MAY-2010 07:08:22	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42946	No
90	GOM_NL__2PRFIN20100518_071632_000000432089_00307_42946_0405.N1	18-MAY-2010 07:16:32	Straylight	42.500	147	Alp Ara	2.8770	26000.	85	42946	No
91	GOM_NL__2PRFIN20100518_071805_000000522089_00307_42946_0406.N1	18-MAY-2010 07:18:05	Straylight	51.500	40	The Sco	1.8590	7100.0	103	42946	No
92	GOM_NL__2PRFIN20100518_071957_000000552089_00307_42946_0407.N1	18-MAY-2010 07:19:57	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	42946	No
93	GOM_NL__2PRFIN20100518_072212_000000522089_00307_42946_0408.N1	18-MAY-2010 07:22:12	Twi_and_stray	52.000	75	26Eps Sco	2.2910	4250.0	104	42946	No
94	GOM_NL__2PRFIN20100518_072513_000000552089_00307_42946_0409.N1	18-MAY-2010 07:25:13	Twi_and_stray	55.000	16	21Alp Sco	1.0200	3000.0	110	42946	No
95	GOM_NL__2PRFIN20100518_072746_000000452089_00307_42946_0410.N1	18-MAY-2010 07:27:46	Bright	45.000	97	8Bet1Sco	2.5610	30000.	90	42946	No
96	GOM_NL__2PRFIN20100518_073122_000000402089_00307_42946_0411.N1	18-MAY-2010 07:31:22	Bright	39.500	104	27Bet Lib	2.6140	13100.	79	42946	No
97	GOM_NL__2PRFIN20100518_073325_000000482089_00307_42946_0412.N1	18-MAY-2010 07:33:25	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	42946	No
98	GOM_NL__2PRFIN20100518_073633_000000432089_00307_42946_0413.N1	18-MAY-2010 07:36:33	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	42946	No
99	GOM_NL__2PRFIN20100518_074212_000000412089_00307_42946_0414.N1	18-MAY-2010 07:42:12	Bright	41.000	83		2.3780	11000.	82	42946	No
100	GOM_NL__2PRFIN20100518_074520_000000382089_00307_42946_0415.N1	18-MAY-2010 07:45:20	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	42946	No
101	GOM_NL__2PRFIN20100518_075352_000000422089_00307_42946_0416.N1	18-MAY-2010 07:53:52	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	42946	No

102	GOM_NL__2PRFIN20100518_080448_000000472089_00307_42946_0417.N1	18-MAY-2010 08:04:48	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	42946	No
103	GOM_NL__2PRFIN20100518_080833_000000392089_00307_42946_0418.N1	18-MAY-2010 08:08:33	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	42946	No
104	GOM_NL__2PRFIN20100518_081753_000000432089_00307_42946_0419.N1	18-MAY-2010 08:17:53	Tw_i_and_stray	43.000	58	21Alp And	2.0730	11000.	86	42946	No
105	GOM_NL__2PRFIN20100518_082207_000000412089_00307_42946_0420.N1	18-MAY-2010 08:22:07	Dark	41.000	140	88Gam Peg	2.8340	26000.	82	42946	No
106	GOM_NL__2PRFIN20100518_082353_000000562089_00307_42946_0421.N1	18-MAY-2010 08:23:53	Dark	56.000	90	54Alp Peg	2.4870	11000.	112	42946	No
107	GOM_NL__2PRFIN20100518_083739_000000492089_00307_42946_0422.N1	18-MAY-2010 08:37:39	Dark	48.500	18	24Alp PsA	1.1660	9700.0	97	42946	No
108	GOM_NL__2PRFIN20100518_084155_000000542089_00307_42946_0423.N1	18-MAY-2010 08:41:55	Dark	53.500	63	Bet Gru	2.1500	2800.0	107	42946	No
109	GOM_NL__2PRFIN20100518_084327_000000442089_00308_42947_0411.N1	18-MAY-2010 08:43:27	Dark	43.500	31	Alp Gru	1.7340	15200.	87	42947	No
110	GOM_NL__2PRFIN20100518_084858_000000412089_00308_42947_0412.N1	18-MAY-2010 08:48:58	Dark	41.000	45	Alp Pav	1.9400	26000.	82	42947	No
111	GOM_NL__2PRFIN20100518_085708_000000432089_00308_42947_0413.N1	18-MAY-2010 08:57:08	Straylight	43.000	147	Alp Ara	2.8770	26000.	86	42947	No
112	GOM_NL__2PRFIN20100518_085841_000000462089_00308_42947_0414.N1	18-MAY-2010 08:58:41	Straylight	45.500	40	The Sco	1.8590	7100.0	91	42947	No
113	GOM_NL__2PRFIN20100518_090033_000000552089_00308_42947_0415.N1	18-MAY-2010 09:00:33	Straylight	55.000	25	35Lam Sco	1.6200	28000.	110	42947	No
114	GOM_NL__2PRFIN20100518_090248_000000532089_00308_42947_0416.N1	18-MAY-2010 09:02:48	Tw_i_and_stray	53.000	75	26Eps Sco	2.2910	4250.0	106	42947	No
115	GOM_NL__2PRFIN20100518_090550_000000552089_00308_42947_0417.N1	18-MAY-2010 09:05:50	Tw_i_and_stray	55.000	16	21Alp Sco	1.0200	3000.0	110	42947	No
116	GOM_NL__2PRFIN20100518_090822_000000462089_00308_42947_0418.N1	18-MAY-2010 09:08:22	Bright	45.500	97	8Bet1Sco	2.5610	30000.	91	42947	No
117	GOM_NL__2PRFIN20100518_091159_000000392089_00308_42947_0419.N1	18-MAY-2010 09:11:59	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	42947	No
118	GOM_NL__2PRFIN20100518_091400_000000492089_00308_42947_0420.N1	18-MAY-2010 09:14:00	Bright	48.500	120	1Del Oph	2.7340	3200.0	97	42947	No
119	GOM_NL__2PRFIN20100518_091709_000000422089_00308_42947_0421.N1	18-MAY-2010 09:17:09	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	42947	No
120	GOM_NL__2PRFIN20100518_092247_000000392089_00308_42947_0422.N1	18-MAY-2010 09:22:47	Bright	38.500	83		2.3780	11000.	77	42947	No
121	GOM_NL__2PRFIN20100518_092556_000000372089_00308_42947_0423.N1	18-MAY-2010 09:25:56	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	42947	No
122	GOM_NL__2PRFIN20100518_093427_000000392089_00308_42947_0424.N1	18-MAY-2010 09:34:27	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	42947	No
123	GOM_NL__2PRFIN20100518_094524_000000462089_00308_42947_0425.N1	18-MAY-2010 09:45:24	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	42947	No
124	GOM_NL__2PRFIN20100518_094909_000000382089_00308_42947_0426.N1	18-MAY-2010 09:49:09	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	42947	No
125	GOM_NL__2PRFIN20100518_095829_000000482089_00308_42947_0427.N1	18-MAY-2010 09:58:29	Tw_i_and_stray	47.500	58	21Alp And	2.0730	11000.	95	42947	No
126	GOM_NL__2PRFIN20100518_100243_000000432089_00308_42947_0428.N1	18-MAY-2010 10:02:43	Dark	42.500	140	88Gam Peg	2.8340	26000.	85	42947	No
127	GOM_NL__2PRFIN20100518_100429_000000542089_00308_42947_0429.N1	18-MAY-2010 10:04:29	Dark	54.000	90	54Alp Peg	2.4870	11000.	108	42947	No
128	GOM_NL__2PRFIN20100518_101816_000000562089_00308_42947_0430.N1	18-MAY-2010 10:18:16	Dark	55.500	18	24Alp PsA	1.1660	9700.0	111	42947	No
129	GOM_NL__2PRFIN20100518_102231_000000472089_00308_42947_0431.N1	18-MAY-2010 10:22:31	Dark	47.000	63	Bet Gru	2.1500	2800.0	94	42947	No
130	GOM_NL__2PRFIN20100518_102404_000000422089_00309_42948_0419.N1	18-MAY-2010 10:24:04	Dark	41.500	31	Alp Gru	1.7340	15200.	83	42948	No
131	GOM_NL__2PRFIN20100518_102935_000000422089_00309_42948_0420.N1	18-MAY-2010 10:29:35	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42948	No
132	GOM_NL__2PRFIN20100518_103745_000000422089_00309_42948_0421.N1	18-MAY-2010 10:37:45	Straylight	41.500	147	Alp Ara	2.8770	26000.	83	42948	No
133	GOM_NL__2PRFIN20100518_103918_000000502089_00309_42948_0422.N1	18-MAY-2010 10:39:18	Straylight	50.000	40	The Sco	1.8590	7100.0	100	42948	No
134	GOM_NL__2PRFIN20100518_104109_000000532089_00309_42948_0423.N1	18-MAY-2010 10:41:09	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	42948	No
135	GOM_NL__2PRFIN20100518_104325_000000532089_00309_42948_0424.N1	18-MAY-2010 10:43:25	Tw_i_and_stray	52.500	75	26Eps Sco	2.2910	4250.0	105	42948	No
136	GOM_NL__2PRFIN20100518_104626_000000572089_00309_42948_0425.N1	18-MAY-2010 10:46:26	Tw_i_and_stray	57.000	16	21Alp Sco	1.0200	3000.0	114	42948	No
137	GOM_NL__2PRFIN20100518_104858_000000462089_00309_42948_0426.N1	18-MAY-2010 10:48:58	Bright	45.500	97	8Bet1Sco	2.5610	30000.	91	42948	No
138	GOM_NL__2PRFIN20100518_105234_000000412089_00309_42948_0427.N1	18-MAY-2010 10:52:34	Bright	41.000	104	27Bet Lib	2.6140	13100.	82	42948	No
139	GOM_NL__2PRFIN20100518_105744_000000422089_00309_42948_0428.N1	18-MAY-2010 10:57:44	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	42948	No
140	GOM_NL__2PRFIN20100518_110323_000000372089_00309_42948_0429.N1	18-MAY-2010 11:03:23	Bright	37.000	83		2.3780	11000.	74	42948	No
141	GOM_NL__2PRFIN20100518_110632_000000362089_00309_42948_0430.N1	18-MAY-2010 11:06:32	Bright	35.500	180	27Gam Boo	3.0400	8000.0	71	42948	No
142	GOM_NL__2PRFIN20100518_111503_000000432089_00309_42948_0431.N1	18-MAY-2010 11:15:03	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	42948	No
143	GOM_NL__2PRFIN20100518_112559_000000442089_00309_42948_0432.N1	18-MAY-2010 11:25:59	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	42948	No
144	GOM_NL__2PRFIN20100518_112945_000000552089_00309_42948_0433.N1	18-MAY-2010 11:29:45	Bright	55.000	74	11Bet Cas	2.2680	6600.0	110	42948	No
145	GOM_NL__2PRFIN20100518_113905_000000472089_00309_42948_0434.N1	18-MAY-2010 11:39:05	Tw_i_and_stray	46.500	58	21Alp And	2.0730	11000.	93	42948	No
146	GOM_NL__2PRFIN20100518_114319_000000432089_00309_42948_0435.N1	18-MAY-2010 11:43:19	Dark	43.000	140	88Gam Peg	2.8340	26000.	86	42948	No
147	GOM_NL__2PRFIN20100518_115853_000000512089_00309_42948_0436.N1	18-MAY-2010 11:58:53	Dark	51.000	18	24Alp PsA	1.1660	9700.0	102	42948	No
148	GOM_NL__2PRFIN20100518_120308_000000502089_00309_42948_0437.N1	18-MAY-2010 12:03:08	Dark	50.000	63	Bet Gru	2.1500	2800.0	100	42948	No
149	GOM_NL__2PRFIN20100518_120440_000000442089_00310_42949_0427.N1	18-MAY-2010 12:04:40	Dark	43.500	31	Alp Gru	1.7340	15200.	87	42949	No
150	GOM_NL__2PRFIN20100518_121012_000000432089_00310_42949_0428.N1	18-MAY-2010 12:10:12	Dark	42.500	45	Alp Pav	1.9400	26000.	85	42949	No
151	GOM_NL__2PRFIN20100518_121821_000000422089_00310_42949_0429.N1	18-MAY-2010 12:18:21	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	42949	No
152	GOM_NL__2PRFIN20100518_121954_000000502089_00310_42949_0430.N1	18-MAY-2010 12:19:54	Straylight	50.000	40	The Sco	1.8590	7100.0	100	42949	No
153	GOM_NL__2PRFIN20100518_122146_000000532089_00310_42949_0431.N1	18-MAY-2010 12:21:46	Straylight	52.500	25	35Lam Sco	1.6200	28000.	105	42949	No
154	GOM_NL__2PRFIN20100518_122401_000000512089_00310_42949_0432.N1	18-MAY-2010 12:24:01	Tw_i_and_stray	51.000	75	26Eps Sco	2.2910	4250.0	102	42949	No
155	GOM_NL__2PRFIN20100518_122702_000000612089_00310_42949_0433.N1	18-MAY-2010 12:27:02	Tw_i_and_stray	60.500	16	21Alp Sco	1.0200	3000.0	121	42949	No
156	GOM_NL__2PRFIN20100518_122934_000000442089_00310_42949_0434.N1	18-MAY-2010 12:29:34	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	42949	No
157	GOM_NL__2PRFIN20100518_123310_000000392089_00310_42949_0435.N1	18-MAY-2010 12:33:10	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	42949	No
158	GOM_NL__2PRFIN20100518_123820_000000432089_00310_42949_0436.N1	18-MAY-2010 12:38:20	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	42949	No
159	GOM_NL__2PRFIN20100518_124359_000000382089_00310_42949_0437.N1	18-MAY-2010 12:43:59	Bright	37.500	83		2.3780	11000.	75	42949	No
160	GOM_NL__2PRFIN20100518_124707_000000382089_00310_42949_0438.N1	18-MAY-2010 12:47:07	Bright	38.000	180	27Gam Boo	3.0400	8000.0	76	42949	No



161	GOM_NL__2PRFIN20100518_125538_000000432089_00310_42949_0439.N1	18-MAY-2010 12:55:38	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	42949	No
162	GOM_NL__2PRFIN20100518_130635_000000462089_00310_42949_0440.N1	18-MAY-2010 13:06:35	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	42949	No
163	GOM_NL__2PRFIN20100518_131021_000000552089_00310_42949_0441.N1	18-MAY-2010 13:10:21	Bright	55.000	74	11Bet Cas	2.2680	6600.0	110	42949	No
164	GOM_NL__2PRFIN20100518_131941_000000452089_00310_42949_0442.N1	18-MAY-2010 13:19:41	Tw_i_and_stray	45.000	58	21Alp And	2.0730	11000.	90	42949	No
165	GOM_NL__2PRFIN20100518_132356_000000452089_00310_42949_0443.N1	18-MAY-2010 13:23:56	Dark	45.000	140	88Gam Peg	2.8340	26000.	90	42949	No
166	GOM_NL__2PRFIN20100518_133930_000000542089_00310_42949_0444.N1	18-MAY-2010 13:39:30	Dark	53.500	18	24Alp PsA	1.1660	9700.0	107	42949	No
167	GOM_NL__2PRFIN20100518_134344_000000582089_00310_42949_0445.N1	18-MAY-2010 13:43:44	Dark	58.000	63	Bet Gru	2.1500	2800.0	116	42949	No
168	GOM_NL__2PRFIN20100518_134517_000000512089_00311_42950_0435.N1	18-MAY-2010 13:45:17	Dark	51.000	31	Alp Gru	1.7340	15200.	102	42950	No
169	GOM_NL__2PRFIN20100518_135049_000000422089_00311_42950_0436.N1	18-MAY-2010 13:50:49	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42950	No
170	GOM_NL__2PRFIN20100518_135858_000000432089_00311_42950_0437.N1	18-MAY-2010 13:58:58	Straylight	42.500	147	Alp Ara	2.8770	26000.	85	42950	No
171	GOM_NL__2PRFIN20100518_140031_000000492089_00311_42950_0438.N1	18-MAY-2010 14:00:31	Straylight	48.500	40	The Sco	1.8590	7100.0	97	42950	No
172	GOM_NL__2PRFIN20100518_140223_000000542089_00311_42950_0439.N1	18-MAY-2010 14:02:23	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	42950	No
173	GOM_NL__2PRFIN20100518_140437_000000502089_00311_42950_0440.N1	18-MAY-2010 14:04:37	Tw_i_and_stray	50.000	75	26Eps Sco	2.2910	4250.0	100	42950	No
174	GOM_NL__2PRFIN20100518_140738_000000552089_00311_42950_0441.N1	18-MAY-2010 14:07:38	Tw_i_and_stray	54.500	16	21Alp Sco	1.0200	3000.0	109	42950	No
175	GOM_NL__2PRFIN20100518_141010_000000442089_00311_42950_0442.N1	18-MAY-2010 14:10:10	Bright	44.000	97	8Bet1Sco	2.5610	30000.	88	42950	No
176	GOM_NL__2PRFIN20100518_141346_000000392089_00311_42950_0443.N1	18-MAY-2010 14:13:46	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	42950	No
177	GOM_NL__2PRFIN20100518_141856_000000432089_00311_42950_0444.N1	18-MAY-2010 14:18:56	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	42950	No
178	GOM_NL__2PRFIN20100518_142434_000000382089_00311_42950_0445.N1	18-MAY-2010 14:24:34	Bright	37.500	83		2.3780	11000.	75	42950	No
179	GOM_NL__2PRFIN20100518_142744_000000382089_00311_42950_0446.N1	18-MAY-2010 14:27:44	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	42950	No
180	GOM_NL__2PRFIN20100518_143614_000000432089_00311_42950_0447.N1	18-MAY-2010 14:36:14	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	42950	No
181	GOM_NL__2PRFIN20100518_144710_000000472089_00311_42950_0448.N1	18-MAY-2010 14:47:10	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	42950	No
182	GOM_NL__2PRFIN20100518_145057_000000382089_00311_42950_0449.N1	18-MAY-2010 14:50:57	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	42950	No
183	GOM_NL__2PRFIN20100518_150018_000000472089_00311_42950_0450.N1	18-MAY-2010 15:00:18	Tw_i_and_stray	46.500	58	21Alp And	2.0730	11000.	93	42950	No
184	GOM_NL__2PRFIN20100518_150432_000000442089_00311_42950_0451.N1	18-MAY-2010 15:04:32	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	42950	No
185	GOM_NL__2PRFIN20100518_152006_000000552089_00311_42950_0452.N1	18-MAY-2010 15:20:06	Dark	55.000	18	24Alp PsA	1.1660	9700.0	110	42950	No
186	GOM_NL__2PRFIN20100518_153125_000000442089_00312_42951_0443.N1	18-MAY-2010 15:31:25	Dark	43.500	45	Alp Pav	1.9400	26000.	87	42951	No
187	GOM_NL__2PRFIN20100518_153934_000000422089_00312_42951_0444.N1	18-MAY-2010 15:39:34	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	42951	No
188	GOM_NL__2PRFIN20100518_154107_000000452089_00312_42951_0445.N1	18-MAY-2010 15:41:07	Straylight	45.000	40	The Sco	1.8590	7100.0	90	42951	No
189	GOM_NL__2PRFIN20100518_154259_000000552089_00312_42951_0446.N1	18-MAY-2010 15:42:59	Straylight	54.500	25	35Lam Sco	1.6200	28000.	109	42951	No
190	GOM_NL__2PRFIN20100518_154513_000000512089_00312_42951_0447.N1	18-MAY-2010 15:45:13	Tw_i_and_stray	51.000	75	26Eps Sco	2.2910	4250.0	102	42951	No
191	GOM_NL__2PRFIN20100518_154814_000000622089_00312_42951_0448.N1	18-MAY-2010 15:48:14	Tw_i_and_stray	62.000	16	21Alp Sco	1.0200	3000.0	124	42951	No
192	GOM_NL__2PRFIN20100518_155046_000000432089_00312_42951_0449.N1	18-MAY-2010 15:50:46	Bright	43.000	97	8Bet1Sco	2.5610	30000.	86	42951	No
193	GOM_NL__2PRFIN20100518_155423_000000402089_00312_42951_0450.N1	18-MAY-2010 15:54:23	Bright	40.000	104	27Bet Lib	2.6140	13100.	80	42951	No
194	GOM_NL__2PRFIN20100518_155931_000000432089_00312_42951_0451.N1	18-MAY-2010 15:59:31	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	42951	No
195	GOM_NL__2PRFIN20100518_160510_000000372089_00312_42951_0452.N1	18-MAY-2010 16:05:10	Bright	37.000	83		2.3780	11000.	74	42951	No
196	GOM_NL__2PRFIN20100518_160819_000000372089_00312_42951_0453.N1	18-MAY-2010 16:08:19	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	42951	No
197	GOM_NL__2PRFIN20100518_161649_000000422089_00312_42951_0454.N1	18-MAY-2010 16:16:49	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	42951	No
198	GOM_NL__2PRFIN20100518_162746_000000442089_00312_42951_0455.N1	18-MAY-2010 16:27:46	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	42951	No
199	GOM_NL__2PRFIN20100518_163132_000000552089_00312_42951_0456.N1	18-MAY-2010 16:31:32	Bright	55.000	74	11Bet Cas	2.2680	6600.0	110	42951	No
200	GOM_NL__2PRFIN20100518_164053_000000482089_00312_42951_0457.N1	18-MAY-2010 16:40:53	Tw_i_and_stray	48.000	58	21Alp And	2.0730	11000.	96	42951	No
201	GOM_NL__2PRFIN20100518_164508_000000442089_00312_42951_0458.N1	18-MAY-2010 16:45:08	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	42951	No
202	GOM_NL__2PRFIN20100518_170043_000000502089_00312_42951_0459.N1	18-MAY-2010 17:00:43	Dark	49.500	18	24Alp PsA	1.1660	9700.0	99	42951	No
203	GOM_NL__2PRFIN20100518_171202_000000422089_00313_42952_0471.N1	18-MAY-2010 17:12:02	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42952	No
204	GOM_NL__2PRFIN20100518_172011_000000412089_00313_42952_0472.N1	18-MAY-2010 17:20:11	Straylight	41.000	147	Alp Ara	2.8770	26000.	82	42952	No
205	GOM_NL__2PRFIN20100518_172144_000000522089_00313_42952_0473.N1	18-MAY-2010 17:21:44	Straylight	51.500	40	The Sco	1.8590	7100.0	103	42952	No
206	GOM_NL__2PRFIN20100518_172336_000000552089_00313_42952_0474.N1	18-MAY-2010 17:23:36	Straylight	54.500	25	35Lam Sco	1.6200	28000.	109	42952	No
207	GOM_NL__2PRFIN20100518_172550_000000532089_00313_42952_0475.N1	18-MAY-2010 17:25:50	Tw_i_and_stray	53.000	75	26Eps Sco	2.2910	4250.0	106	42952	No
208	GOM_NL__2PRFIN20100518_172851_000000632089_00313_42952_0476.N1	18-MAY-2010 17:28:51	Tw_i_and_stray	62.500	16	21Alp Sco	1.0200	3000.0	125	42952	No
209	GOM_NL__2PRFIN20100518_173122_000000462089_00313_42952_0477.N1	18-MAY-2010 17:31:22	Bright	45.500	97	8Bet1Sco	2.5610	30000.	91	42952	No
210	GOM_NL__2PRFIN20100518_173458_000000392089_00313_42952_0478.N1	18-MAY-2010 17:34:58	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	42952	No
211	GOM_NL__2PRFIN20100518_174007_000000432089_00313_42952_0479.N1	18-MAY-2010 17:40:07	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	42952	No
212	GOM_NL__2PRFIN20100518_174546_000000412089_00313_42952_0480.N1	18-MAY-2010 17:45:46	Bright	41.000	83		2.3780	11000.	82	42952	No
213	GOM_NL__2PRFIN20100518_174855_000000352089_00313_42952_0481.N1	18-MAY-2010 17:48:55	Bright	35.000	180	27Gam Boo	3.0400	8000.0	70	42952	No
214	GOM_NL__2PRFIN20100518_175725_000000432089_00313_42952_0482.N1	18-MAY-2010 17:57:25	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	42952	No
215	GOM_NL__2PRFIN20100518_180821_000000462089_00313_42952_0483.N1	18-MAY-2010 18:08:21	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	42952	No
216	GOM_NL__2PRFIN20100518_181208_000000392089_00313_42952_0484.N1	18-MAY-2010 18:12:08	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	42952	No
217	GOM_NL__2PRFIN20100518_182130_000000462089_00313_42952_0485.N1	18-MAY-2010 18:21:30	Tw_i_and_stray	46.000	58	21Alp And	2.0730	11000.	92	42952	No
218	GOM_NL__2PRFIN20100518_182544_000000442089_00313_42952_0486.N1	18-MAY-2010 18:25:44	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	42952	No
219	GOM_NL__2PRFIN20100518_184120_000000572089_00313_42952_0487.N1	18-MAY-2010 18:41:20	Dark	57.000	18	24Alp PsA	1.1660	9700.0	114	42952	No

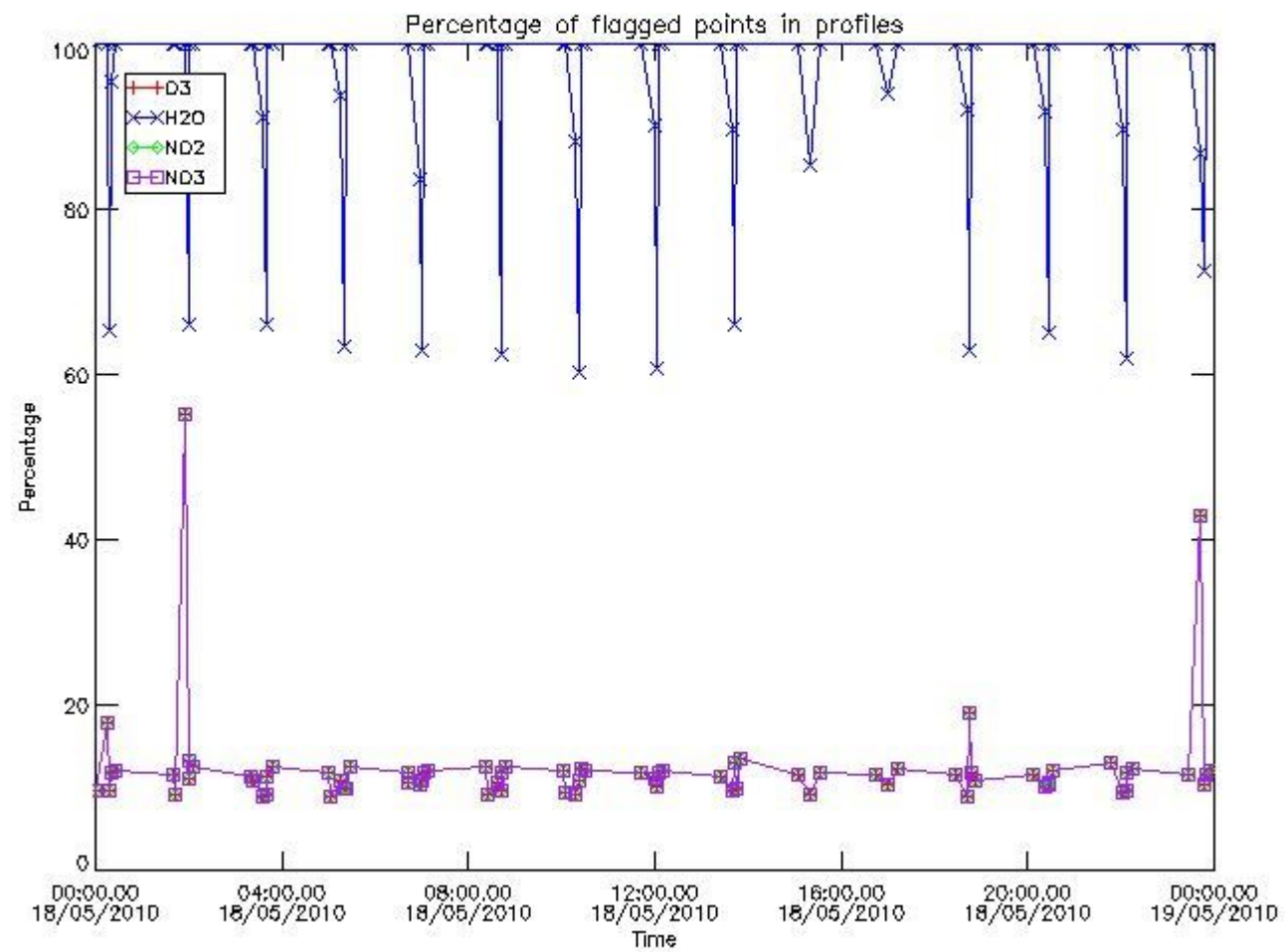
220	GOM_NL__2PRFIN20100518_184534_000000532089_00313_42952_0488.N1	18-MAY-2010 18:45:34	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	42952	No
221	GOM_NL__2PRFIN20100518_184707_000000442089_00314_42953_0479.N1	18-MAY-2010 18:47:07	Dark	43.500	31	Alp Gru	1.7340	15200.	87	42953	No
222	GOM_NL__2PRFIN20100518_185238_000000482089_00314_42953_0480.N1	18-MAY-2010 18:52:38	Dark	47.500	45	Alp Pav	1.9400	26000.	95	42953	No
223	GOM_NL__2PRFIN20100518_190047_000000422089_00314_42953_0481.N1	18-MAY-2010 19:00:47	Straylight	41.500	147	Alp Ara	2.8770	26000.	83	42953	No
224	GOM_NL__2PRFIN20100518_190220_000000512089_00314_42953_0482.N1	18-MAY-2010 19:02:20	Straylight	50.500	40	The Sco	1.8590	7100.0	101	42953	No
225	GOM_NL__2PRFIN20100518_190412_000000532089_00314_42953_0483.N1	18-MAY-2010 19:04:12	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	42953	No
226	GOM_NL__2PRFIN20100518_190626_000000522089_00314_42953_0484.N1	18-MAY-2010 19:06:26	Tw_i_and_stray	51.500	75	26Eps Sco	2.2910	4250.0	103	42953	No
227	GOM_NL__2PRFIN20100518_190927_000000632089_00314_42953_0485.N1	18-MAY-2010 19:09:27	Tw_i_and_stray	63.000	16	21Alp Sco	1.0200	3000.0	126	42953	No
228	GOM_NL__2PRFIN20100518_191159_000000442089_00314_42953_0486.N1	18-MAY-2010 19:11:59	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	42953	No
229	GOM_NL__2PRFIN20100518_191534_000000402089_00314_42953_0487.N1	18-MAY-2010 19:15:34	Bright	40.000	104	27Bet Lib	2.6140	13100.	80	42953	No
230	GOM_NL__2PRFIN20100518_192043_000000422089_00314_42953_0488.N1	18-MAY-2010 19:20:43	Bright	42.000	102	24Alp Ser	2.6000	4250.0	84	42953	No
231	GOM_NL__2PRFIN20100518_192622_000000392089_00314_42953_0489.N1	18-MAY-2010 19:26:22	Bright	39.000	83		2.3780	11000.	78	42953	No
232	GOM_NL__2PRFIN20100518_192931_000000382089_00314_42953_0490.N1	18-MAY-2010 19:29:31	Bright	37.500	180	27Gam Boo	3.0400	8000.0	75	42953	No
233	GOM_NL__2PRFIN20100518_193800_000000412089_00314_42953_0491.N1	18-MAY-2010 19:38:00	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	42953	No
234	GOM_NL__2PRFIN20100518_194857_000000472089_00314_42953_0492.N1	18-MAY-2010 19:48:57	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	42953	No
235	GOM_NL__2PRFIN20100518_195244_000000552089_00314_42953_0493.N1	18-MAY-2010 19:52:44	Bright	55.000	74	11Bet Cas	2.2680	6600.0	110	42953	No
236	GOM_NL__2PRFIN20100518_200206_000000482089_00314_42953_0494.N1	18-MAY-2010 20:02:06	Tw_i_and_stray	47.500	58	21Alp And	2.0730	11000.	95	42953	No
237	GOM_NL__2PRFIN20100518_200620_000000452089_00314_42953_0495.N1	18-MAY-2010 20:06:20	Dark	44.500	140	88Gam Peg	2.8340	26000.	89	42953	No
238	GOM_NL__2PRFIN20100518_202157_000000552089_00314_42953_0496.N1	18-MAY-2010 20:21:57	Dark	55.000	18	24Alp PsA	1.1660	9700.0	110	42953	No
239	GOM_NL__2PRFIN20100518_202611_000000582089_00314_42953_0497.N1	18-MAY-2010 20:26:11	Dark	57.500	63	Bet Gru	2.1500	2800.0	115	42953	No
240	GOM_NL__2PRFIN20100518_202744_000000492089_00315_42954_0487.N1	18-MAY-2010 20:27:44	Dark	49.000	31	Alp Gru	1.7340	15200.	98	42954	No
241	GOM_NL__2PRFIN20100518_203315_000000422089_00315_42954_0488.N1	18-MAY-2010 20:33:15	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42954	No
242	GOM_NL__2PRFIN20100518_204124_000000422089_00315_42954_0489.N1	18-MAY-2010 20:41:24	Straylight	42.000	147	Alp Ara	2.8770	26000.	84	42954	No
243	GOM_NL__2PRFIN20100518_204257_000000512089_00315_42954_0490.N1	18-MAY-2010 20:42:57	Straylight	51.000	40	The Sco	1.8590	7100.0	102	42954	No
244	GOM_NL__2PRFIN20100518_204449_000000532089_00315_42954_0491.N1	18-MAY-2010 20:44:49	Straylight	53.000	25	35Lam Sco	1.6200	28000.	106	42954	No
245	GOM_NL__2PRFIN20100518_204703_000000532089_00315_42954_0492.N1	18-MAY-2010 20:47:03	Tw_i_and_stray	53.000	75	26Eps Sco	2.2910	4250.0	106	42954	No
246	GOM_NL__2PRFIN20100518_205003_000000542089_00315_42954_0493.N1	18-MAY-2010 20:50:03	Tw_i_and_stray	54.000	16	21Alp Sco	1.0200	3000.0	108	42954	No
247	GOM_NL__2PRFIN20100518_205234_000000442089_00315_42954_0494.N1	18-MAY-2010 20:52:34	Bright	43.500	97	8Bet1Sco	2.5610	30000.	87	42954	No
248	GOM_NL__2PRFIN20100518_205611_000000392089_00315_42954_0495.N1	18-MAY-2010 20:56:11	Bright	39.000	104	27Bet Lib	2.6140	13100.	78	42954	No
249	GOM_NL__2PRFIN20100518_205811_000000482089_00315_42954_0496.N1	18-MAY-2010 20:58:11	Bright	47.500	120	1Del Oph	2.7340	3200.0	95	42954	No
250	GOM_NL__2PRFIN20100518_210119_000000432089_00315_42954_0497.N1	18-MAY-2010 21:01:19	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	42954	No
251	GOM_NL__2PRFIN20100518_210658_000000382089_00315_42954_0498.N1	18-MAY-2010 21:06:58	Bright	38.000	83		2.3780	11000.	76	42954	No
252	GOM_NL__2PRFIN20100518_211006_000000372089_00315_42954_0499.N1	18-MAY-2010 21:10:06	Bright	36.500	180	27Gam Boo	3.0400	8000.0	73	42954	No
253	GOM_NL__2PRFIN20100518_211836_000000432089_00315_42954_0500.N1	18-MAY-2010 21:18:36	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	42954	No
254	GOM_NL__2PRFIN20100518_212932_000000512089_00315_42954_0501.N1	18-MAY-2010 21:29:32	Bright	50.500	89	5Alp Cep	2.4510	8000.0	101	42954	No
255	GOM_NL__2PRFIN20100518_213320_000000372089_00315_42954_0502.N1	18-MAY-2010 21:33:20	Bright	36.500	74	11Bet Cas	2.2680	6600.0	73	42954	No
256	GOM_NL__2PRFIN20100518_214242_000000432089_00315_42954_0503.N1	18-MAY-2010 21:42:42	Tw_i_and_stray	43.000	58	21Alp And	2.0730	11000.	86	42954	No
257	GOM_NL__2PRFIN20100518_214657_000000432089_00315_42954_0504.N1	18-MAY-2010 21:46:57	Dark	42.500	140	88Gam Peg	2.8340	26000.	85	42954	No
258	GOM_NL__2PRFIN20100518_220233_000000542089_00315_42954_0505.N1	18-MAY-2010 22:02:33	Dark	54.000	18	24Alp PsA	1.1660	9700.0	108	42954	No
259	GOM_NL__2PRFIN20100518_220648_000000532089_00315_42954_0506.N1	18-MAY-2010 22:06:48	Dark	53.000	63	Bet Gru	2.1500	2800.0	106	42954	No
260	GOM_NL__2PRFIN20100518_220820_000000472089_00316_42955_0495.N1	18-MAY-2010 22:08:20	Dark	47.000	31	Alp Gru	1.7340	15200.	94	42955	No
261	GOM_NL__2PRFIN20100518_221352_000000422089_00316_42955_0496.N1	18-MAY-2010 22:13:52	Dark	41.500	45	Alp Pav	1.9400	26000.	83	42955	No
262	GOM_NL__2PRFIN20100518_222200_000000432089_00316_42955_0497.N1	18-MAY-2010 22:22:00	Straylight	43.000	147	Alp Ara	2.8770	26000.	86	42955	No
263	GOM_NL__2PRFIN20100518_222333_000000512089_00316_42955_0498.N1	18-MAY-2010 22:23:33	Straylight	51.000	40	The Sco	1.8590	7100.0	102	42955	No
264	GOM_NL__2PRFIN20100518_222526_000000542089_00316_42955_0499.N1	18-MAY-2010 22:25:26	Straylight	53.500	25	35Lam Sco	1.6200	28000.	107	42955	No
265	GOM_NL__2PRFIN20100518_222739_000000512089_00316_42955_0500.N1	18-MAY-2010 22:27:39	Tw_i_and_stray	50.500	75	26Eps Sco	2.2910	4250.0	101	42955	No
266	GOM_NL__2PRFIN20100518_223039_000000632089_00316_42955_0501.N1	18-MAY-2010 22:30:39	Tw_i_and_stray	63.000	16	21Alp Sco	1.0200	3000.0	126	42955	No
267	GOM_NL__2PRFIN20100518_223310_000000472089_00316_42955_0502.N1	18-MAY-2010 22:33:10	Bright	47.000	97	8Bet1Sco	2.5610	30000.	94	42955	No
268	GOM_NL__2PRFIN20100518_223646_000000392089_00316_42955_0503.N1	18-MAY-2010 22:36:46	Bright	38.500	104	27Bet Lib	2.6140	13100.	77	42955	No
269	GOM_NL__2PRFIN20100518_223846_000000482089_00316_42955_0504.N1	18-MAY-2010 22:38:46	Bright	48.000	120	1Del Oph	2.7340	3200.0	96	42955	No
270	GOM_NL__2PRFIN20100518_224154_000000432089_00316_42955_0505.N1	18-MAY-2010 22:41:54	Bright	42.500	102	24Alp Ser	2.6000	4250.0	85	42955	No
271	GOM_NL__2PRFIN20100518_224734_000000382089_00316_42955_0506.N1	18-MAY-2010 22:47:34	Bright	38.000	83		2.3780	11000.	76	42955	No
272	GOM_NL__2PRFIN20100518_225044_000000342089_00316_42955_0507.N1	18-MAY-2010 22:50:44	Bright	34.000	180	27Gam Boo	3.0400	8000.0	68	42955	No
273	GOM_NL__2PRFIN20100518_225911_000000602089_00316_42955_0508.N1	18-MAY-2010 22:59:11	Bright	60.000	119	14Eta Dra	2.7270	4700.0	120	42955	No
274	GOM_NL__2PRFIN20100518_231008_000000462089_00316_42955_0509.N1	18-MAY-2010 23:10:08	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	42955	No
275	GOM_NL__2PRFIN20100518_231356_000000352089_00316_42955_0510.N1	18-MAY-2010 23:13:56	Bright	35.000	74	11Bet Cas	2.2680	6600.0	70	42955	No
276	GOM_NL__2PRFIN20100518_232318_000000472089_00316_42955_0511.N1	18-MAY-2010 23:23:18	Tw_i_and_stray	47.000	58	21Alp And	2.0730	11000.	94	42955	No
277	GOM_NL__2PRFIN20100518_232733_000000442089_00316_42955_0512.N1	18-MAY-2010 23:27:33	Dark	44.000	140	88Gam Peg	2.8340	26000.	88	42955	No
278	GOM_NL__2PRFIN20100518_234310_000000502089_00316_42955_0513.N1	18-MAY-2010 23:43:10	Dark	49.500	18	24Alp PsA	1.1660	9700.0	99	42955	No

279	GOM_NL__2PRFIN20100518_234724_000000502089_00316_42955_0514.N1	18-MAY-2010 23:47:24	Dark	49.500	63	Bet Gru	2.1500	2800.0	99	42955	No
280	GOM_NL__2PRFIN20100518_234858_000000492089_00317_42956_0503.N1	18-MAY-2010 23:48:58	Dark	48.500	31	Alp Gru	1.7340	15200.	97	42956	No
281	GOM_NL__2PRFIN20100518_235428_000000422089_00317_42956_0504.N1	18-MAY-2010 23:54:28	Dark	42.000	45	Alp Pav	1.9400	26000.	84	42956	No

### 3. Quality information per product

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

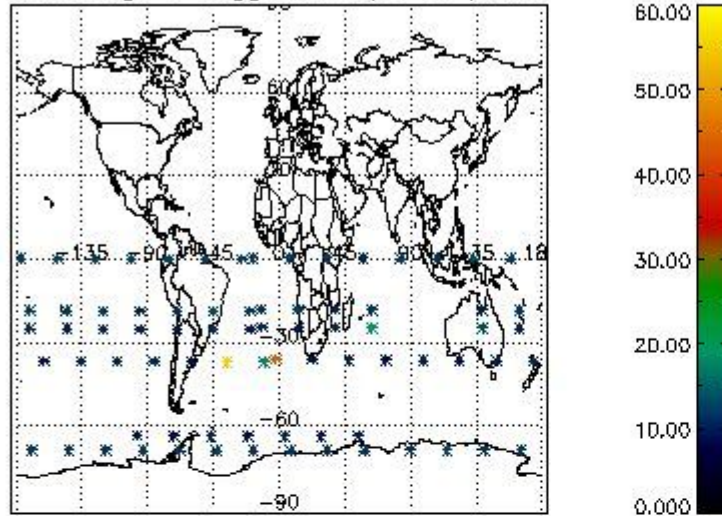
#### 3.1 Plot quality information per product (time dependant)



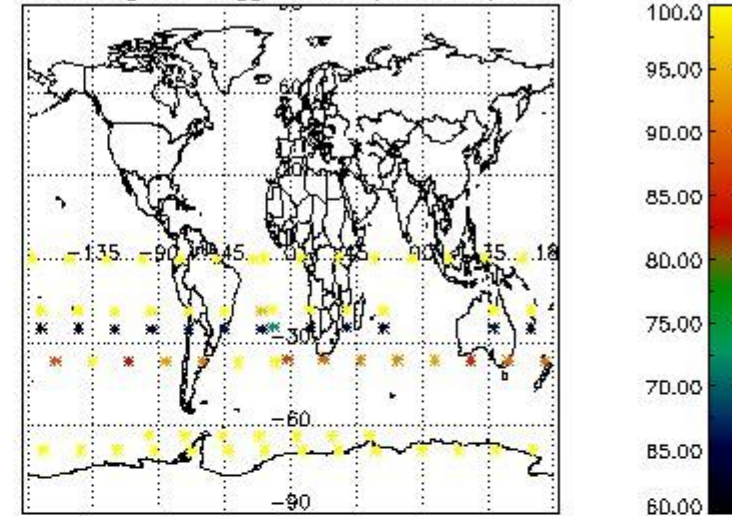
#### 3.2 Plot quality information per product (world map)



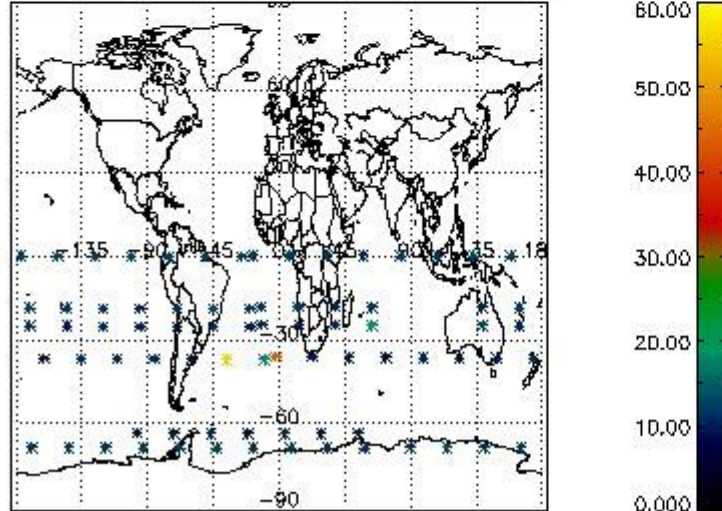
Percentage of flagged data per O3 profile



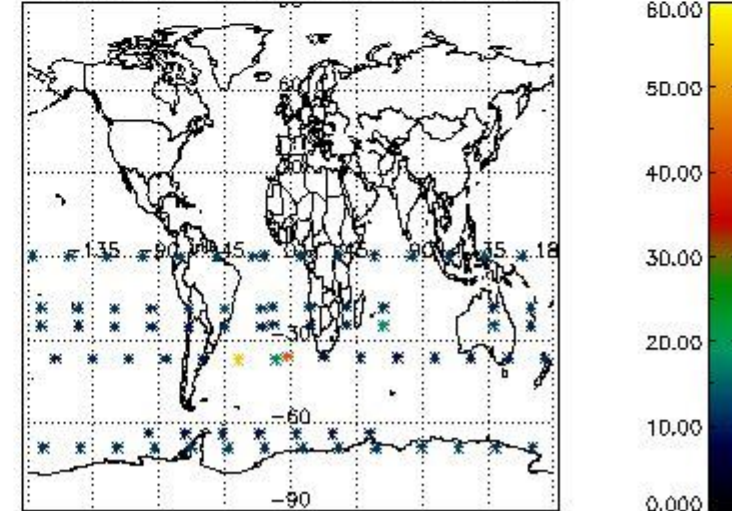
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

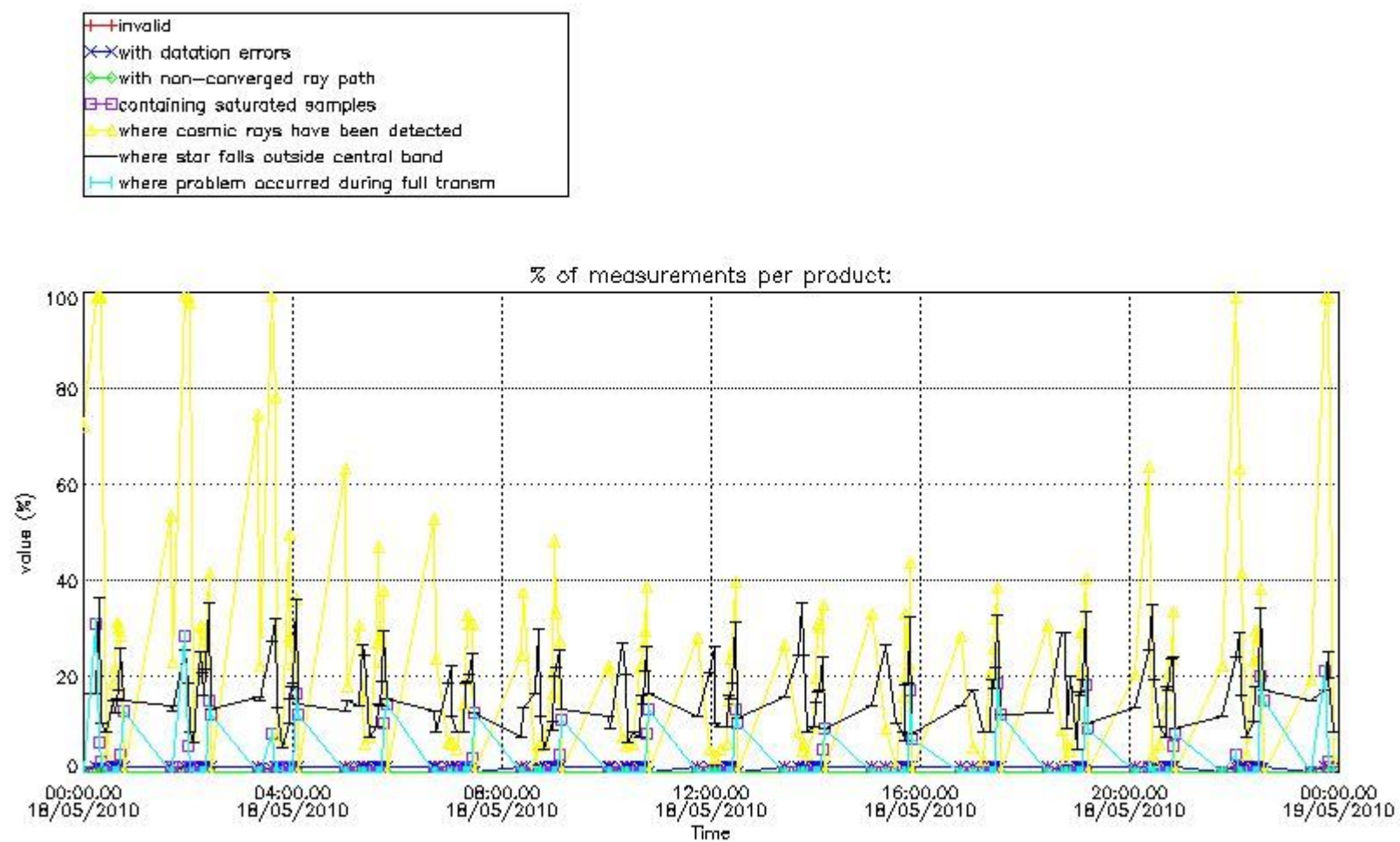


#### 4. Level 1 quality information per product

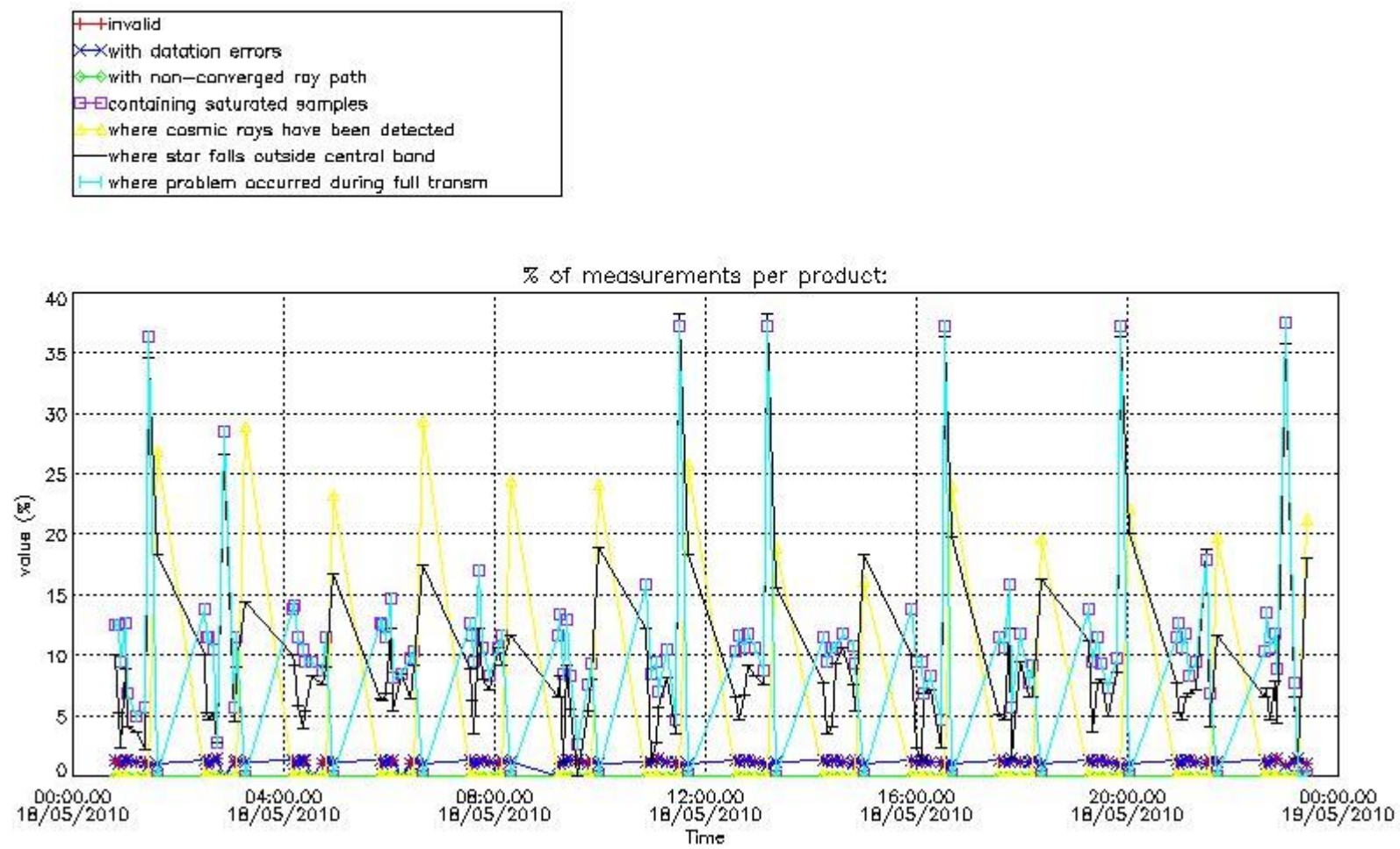
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



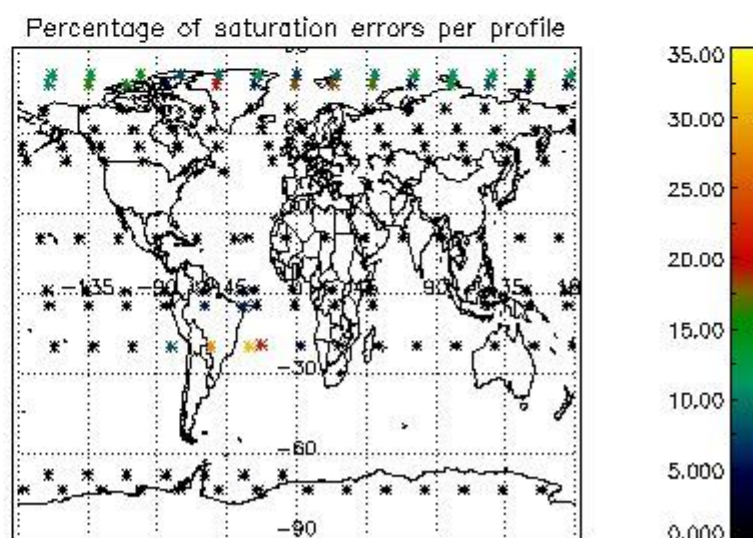
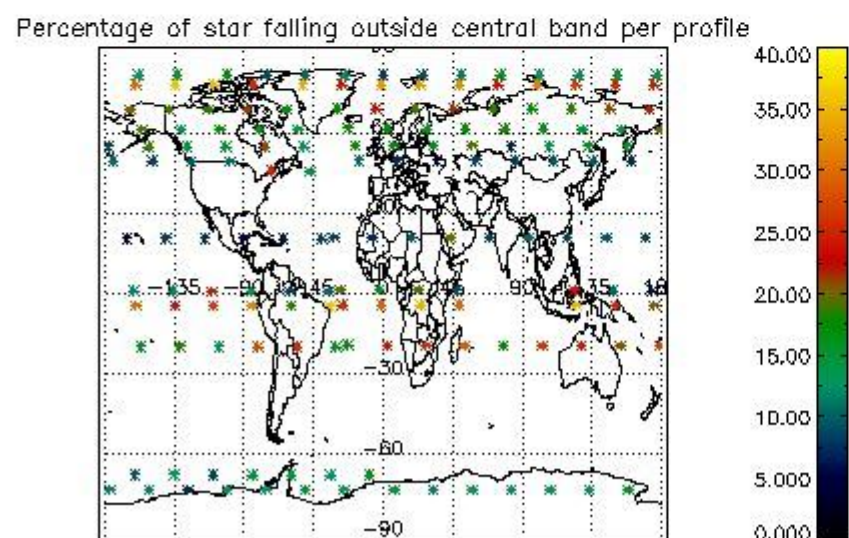
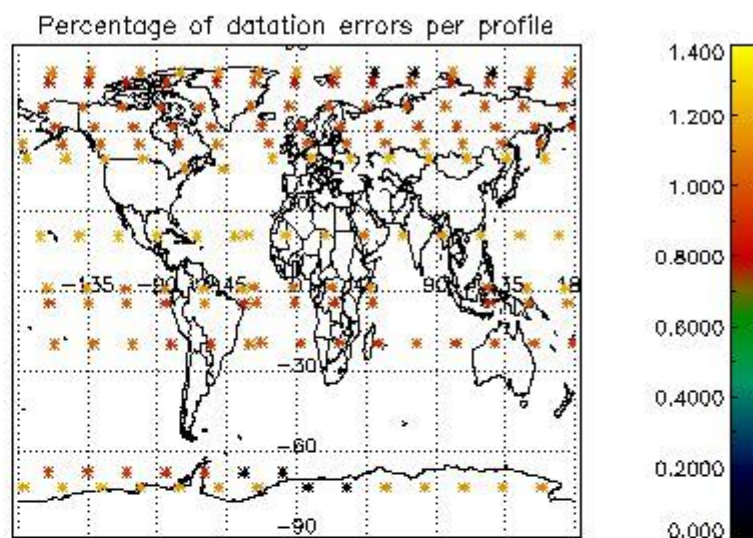
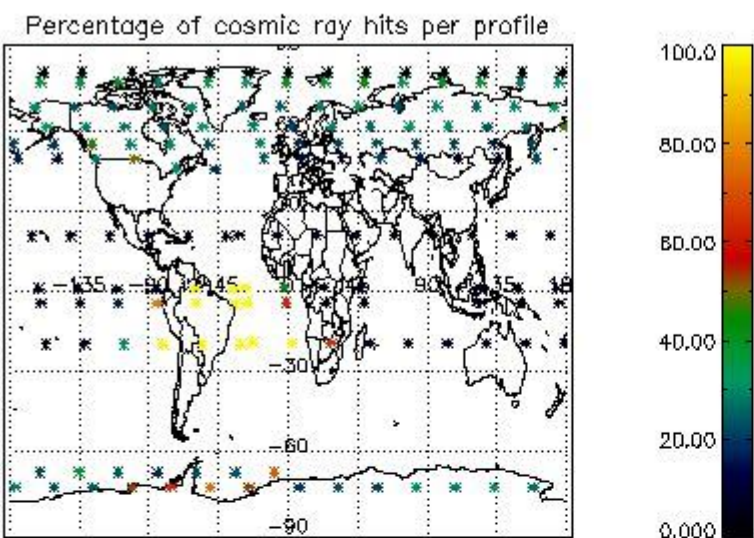
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



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

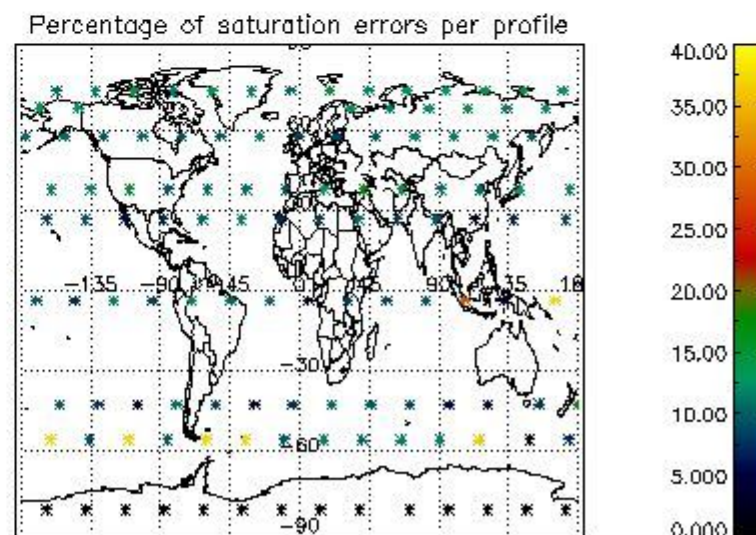
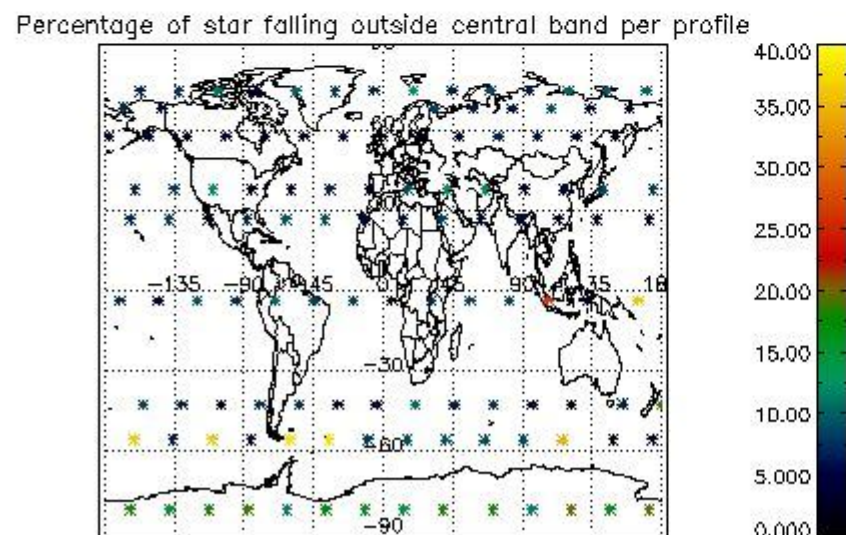
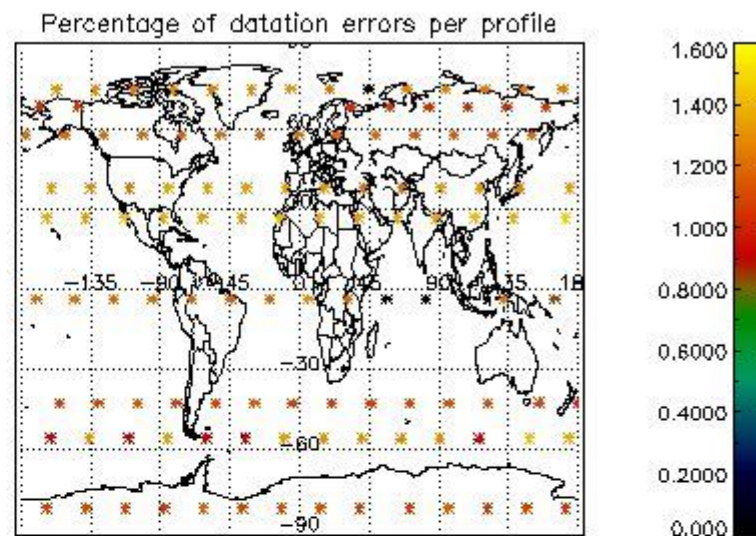
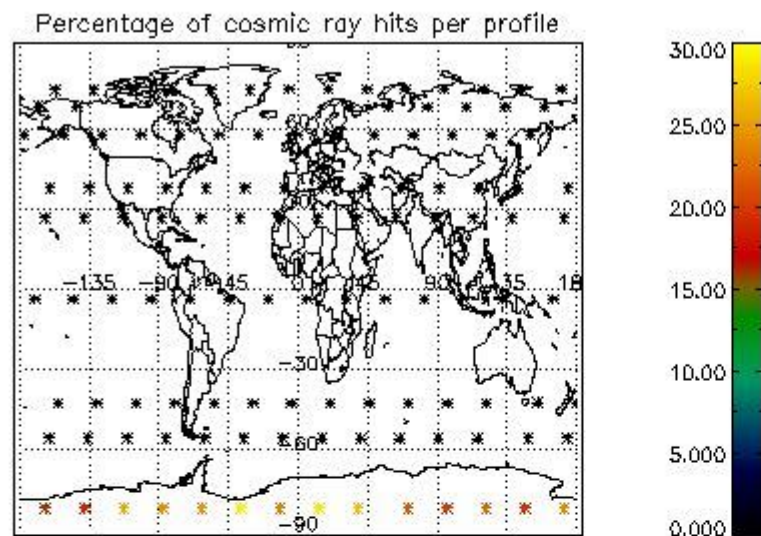
##### 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes





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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

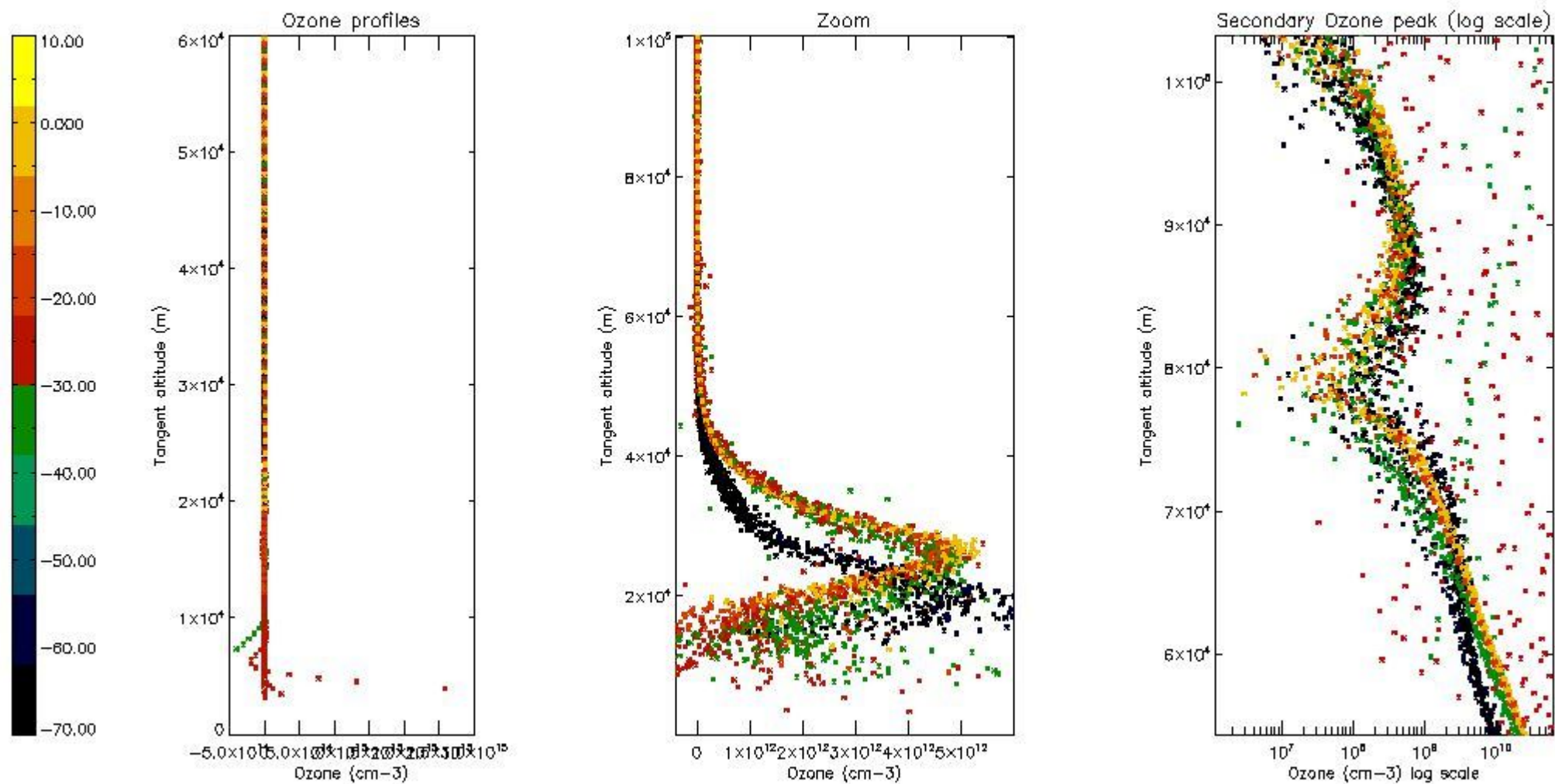
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	29
STD < 20	16

STD < 10	12
STD < 5	8

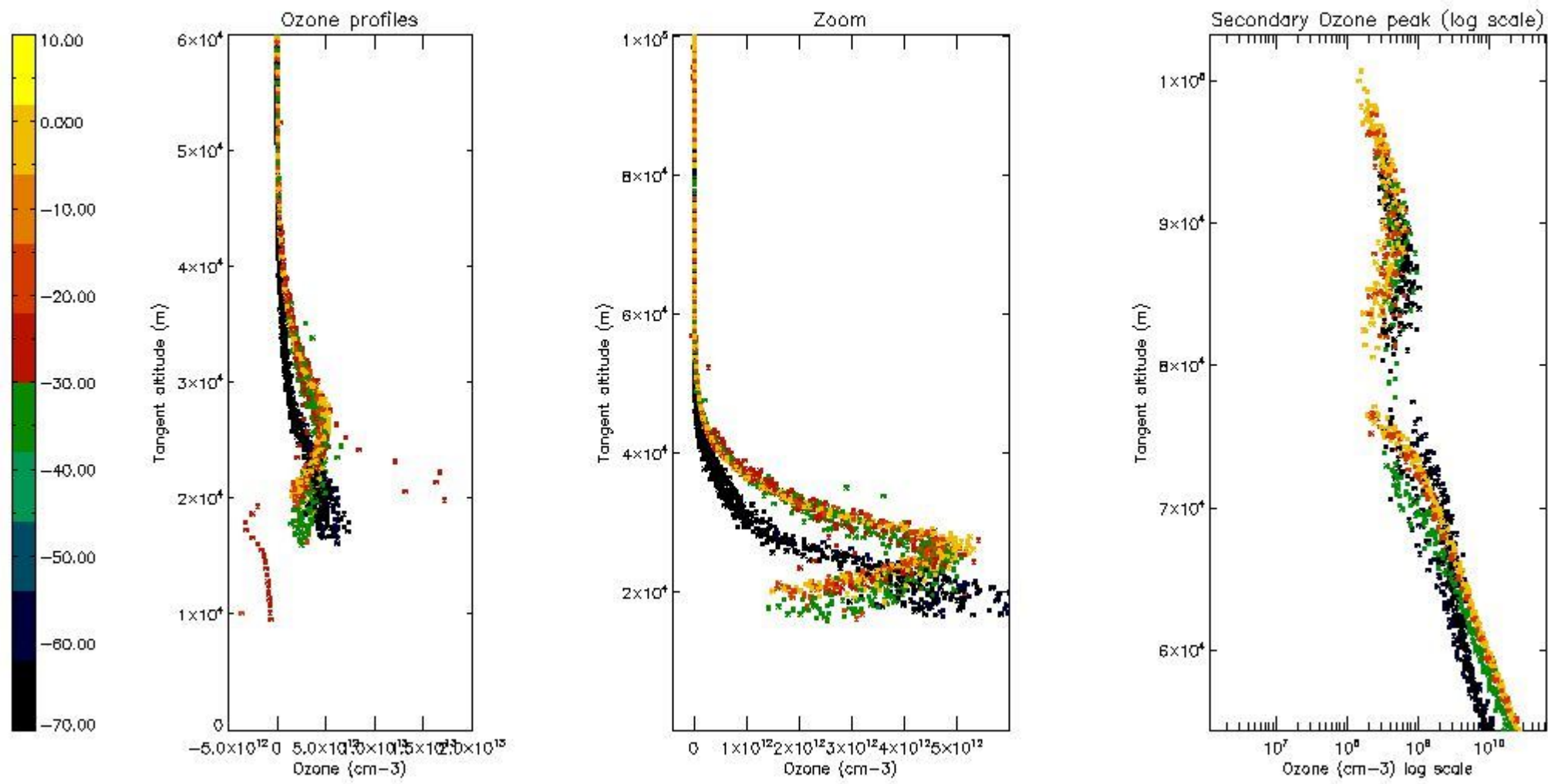
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

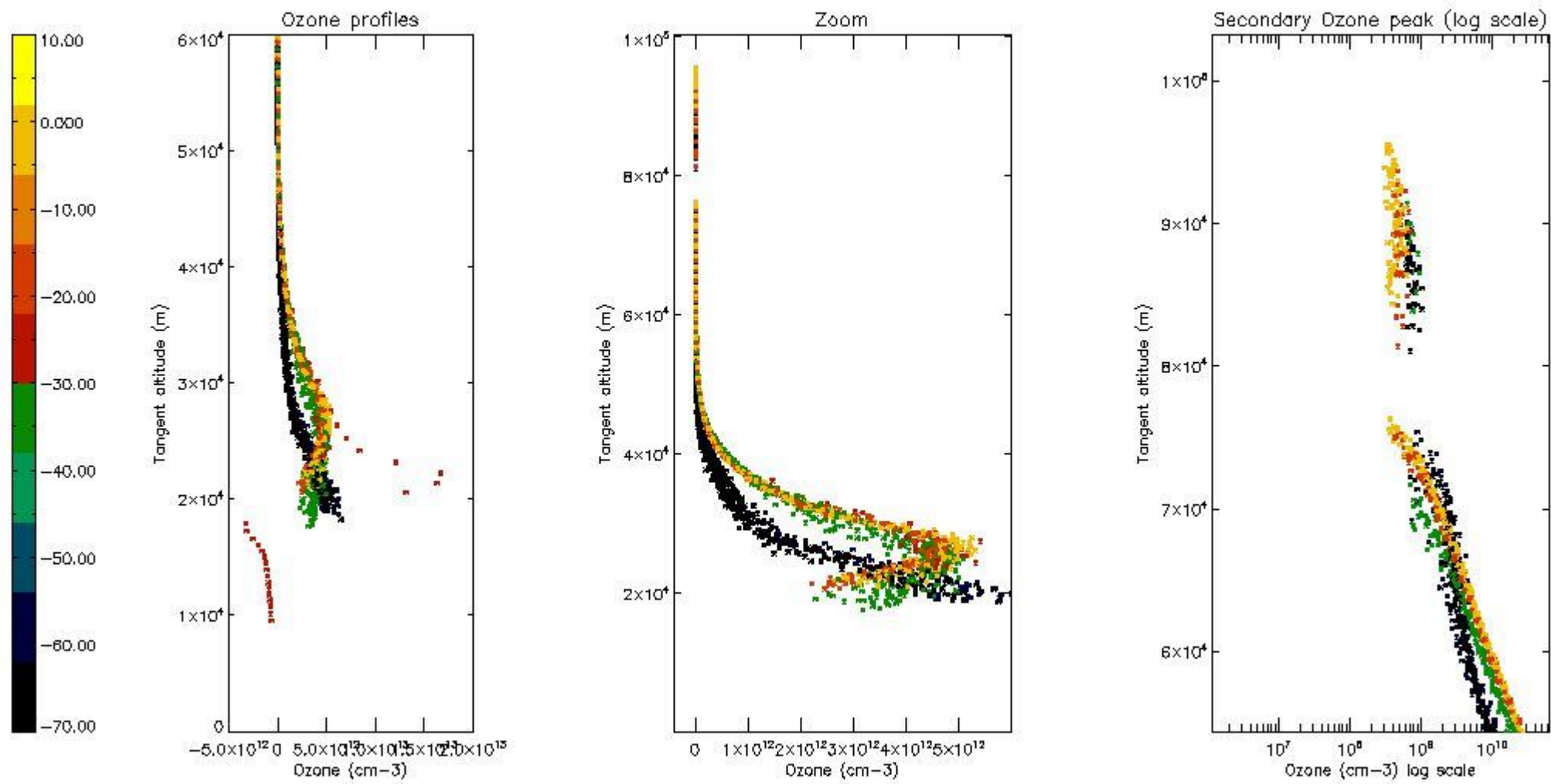
The colorbar represents the latitude.



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

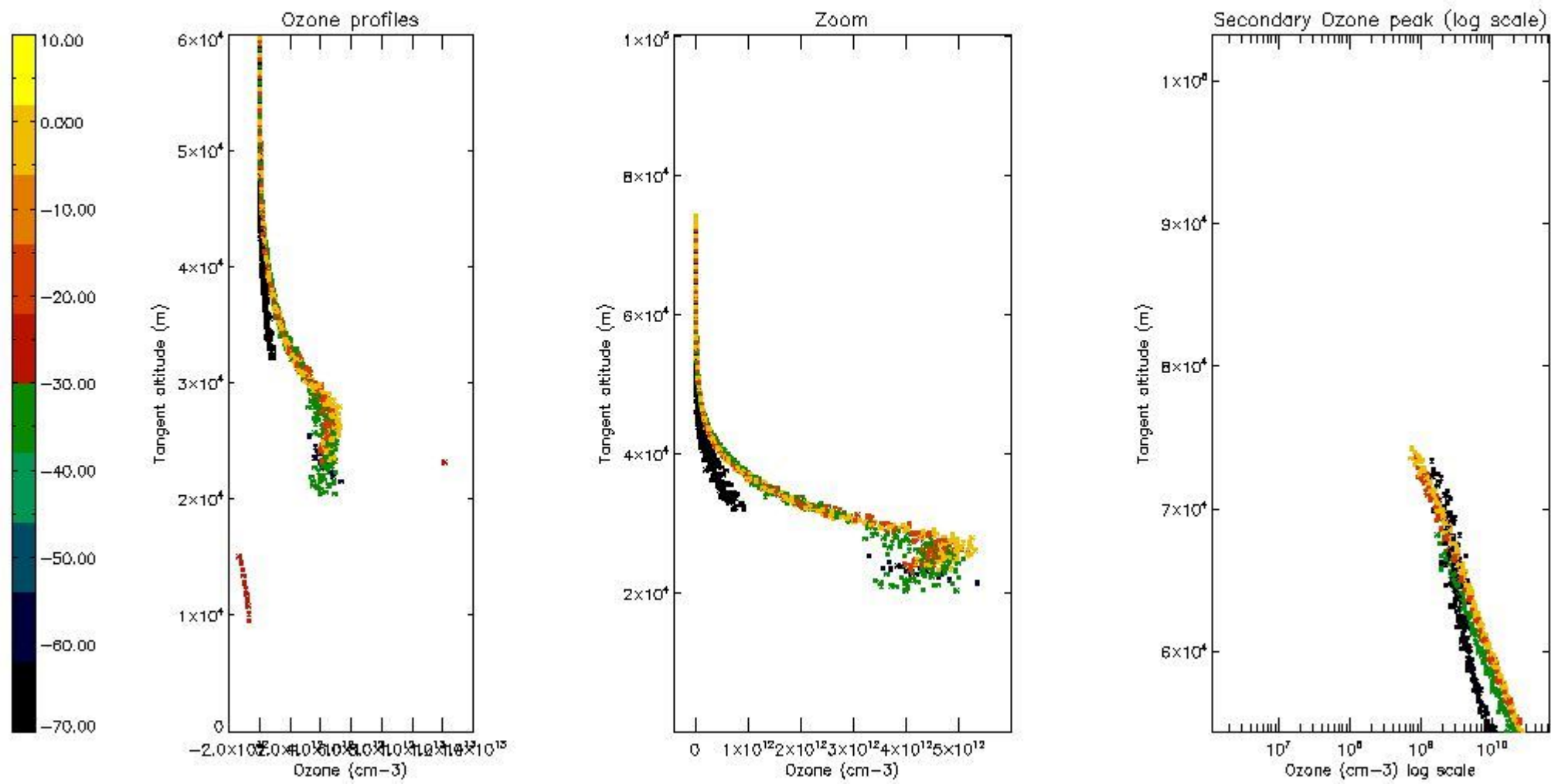
The colorbar represents the latitude.





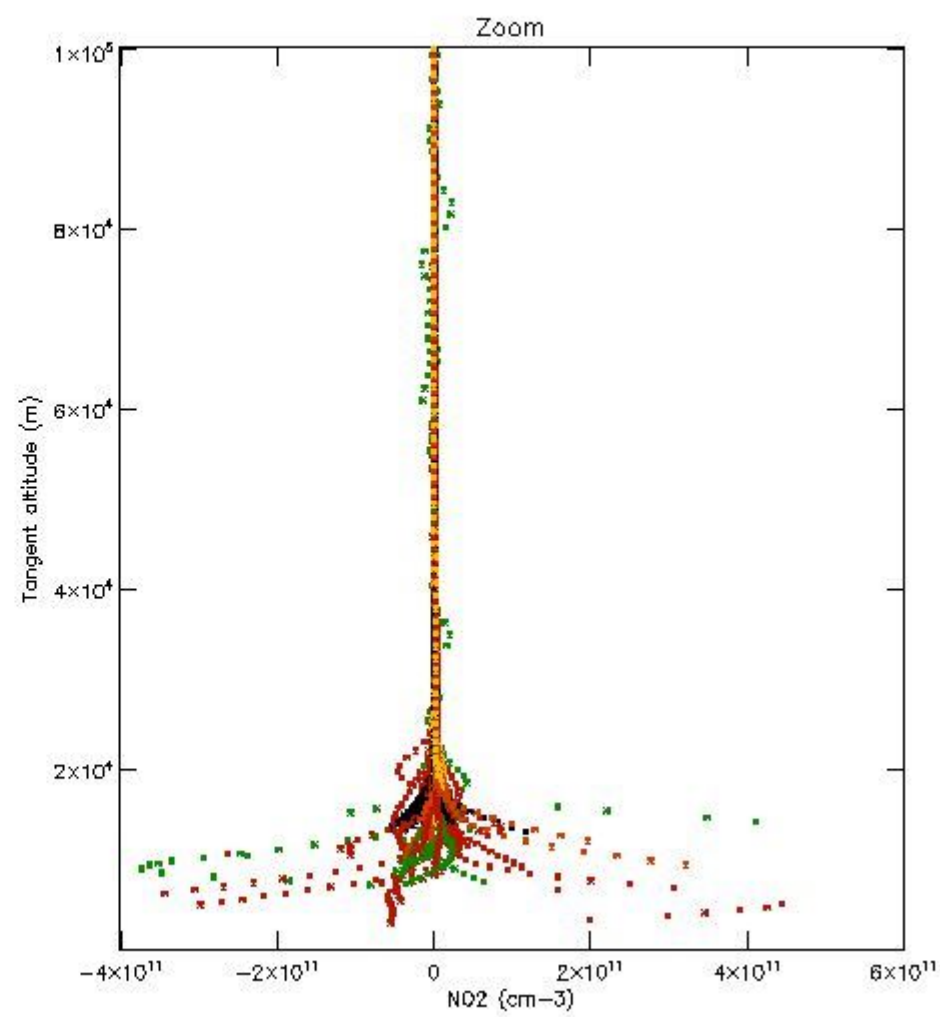
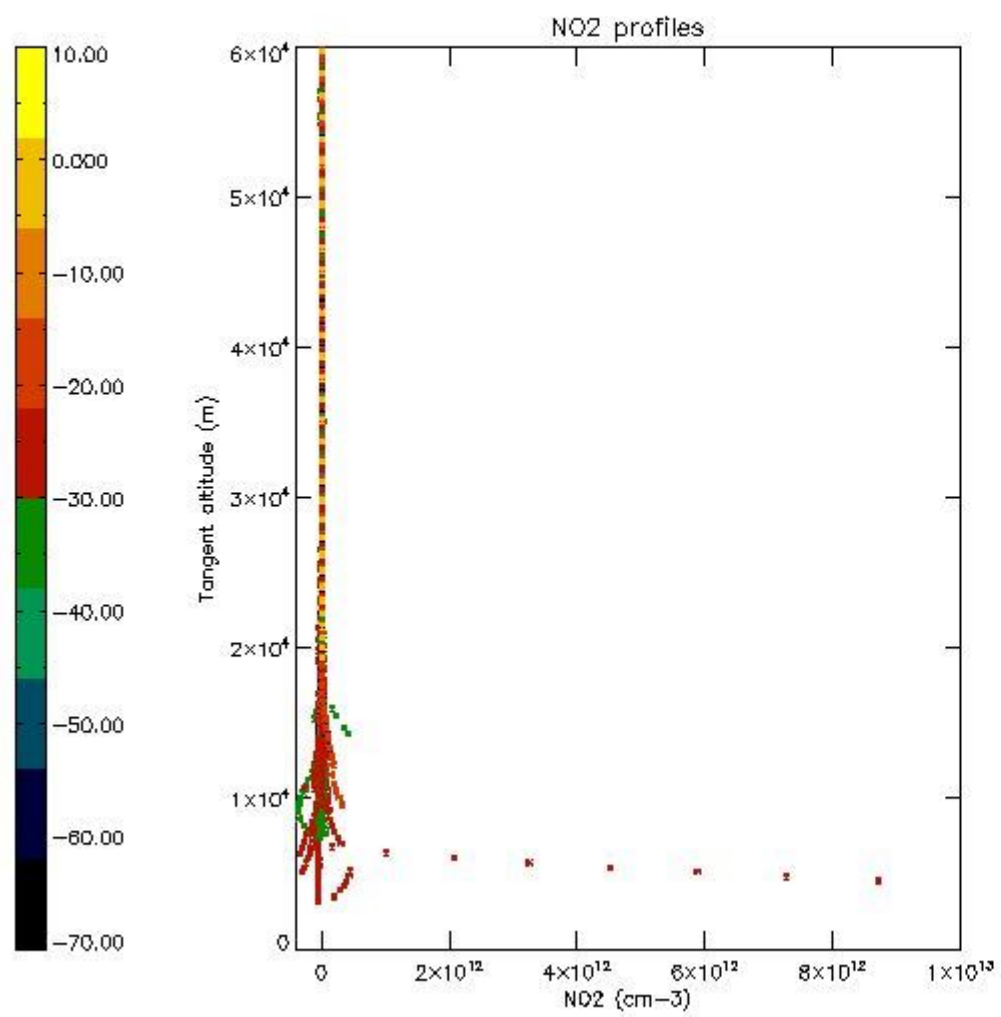
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

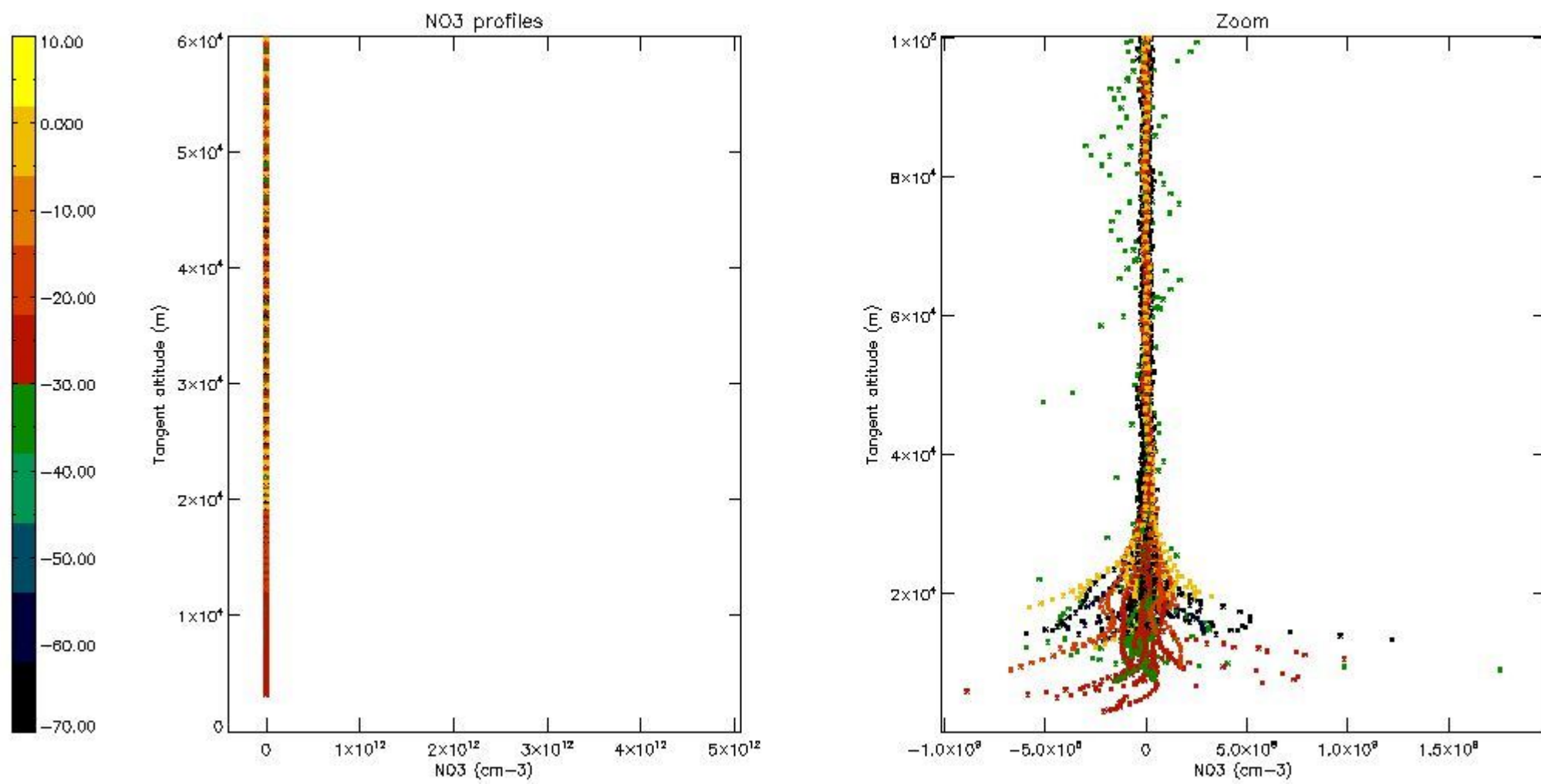
The colorbar represents the latitude.



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

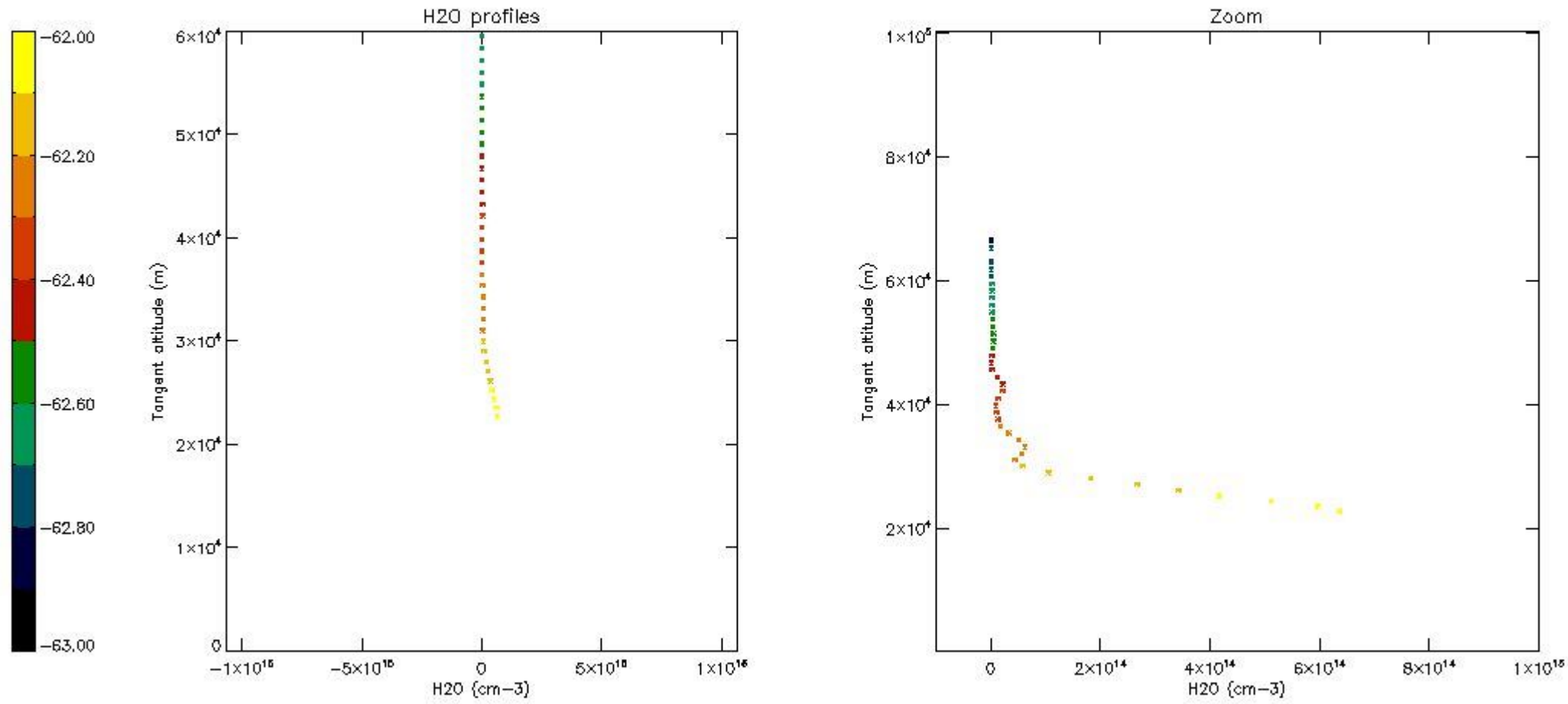
The colorbar represents the latitude.





*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)*

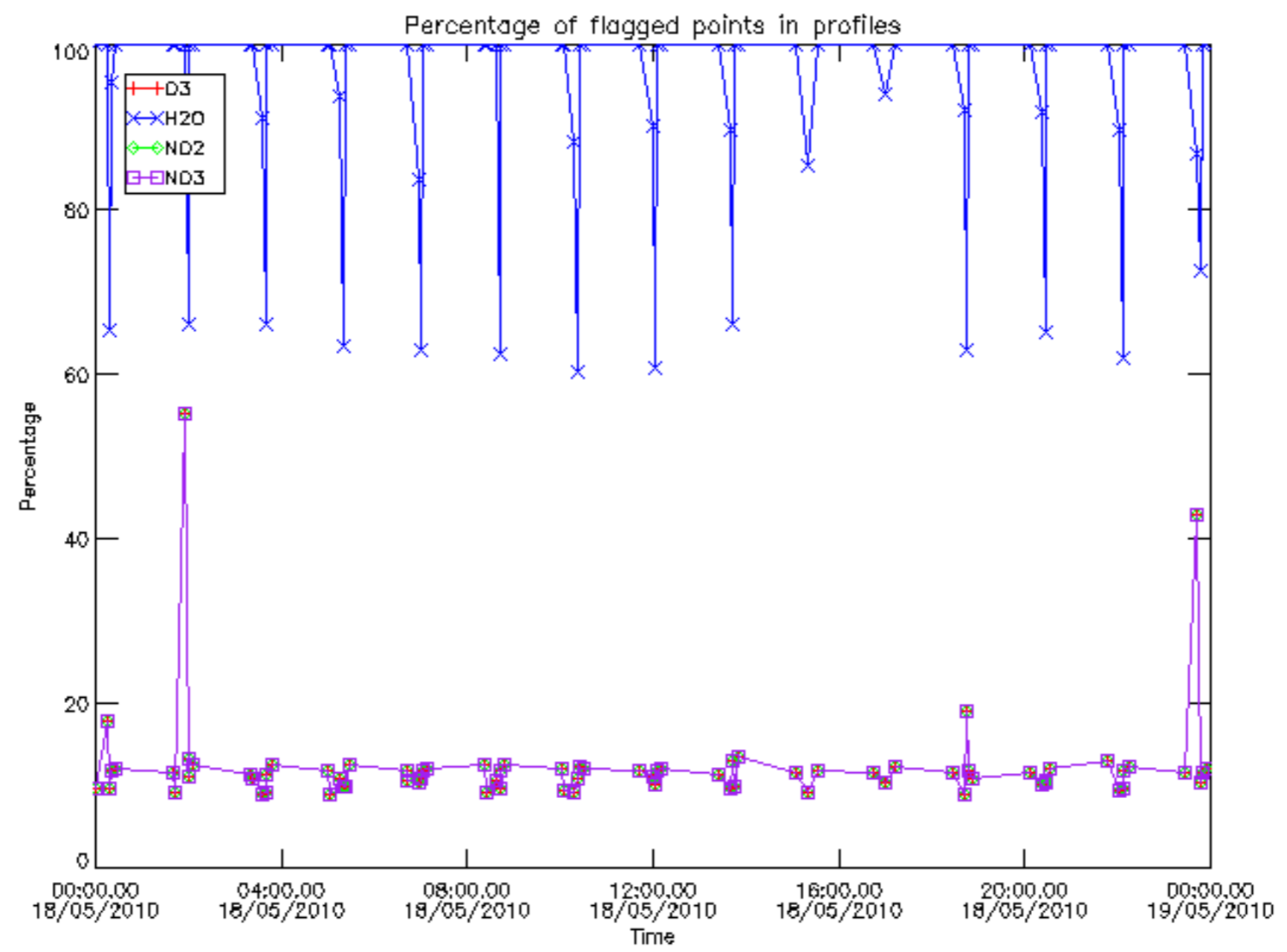
The colorbar represents the latitude.



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

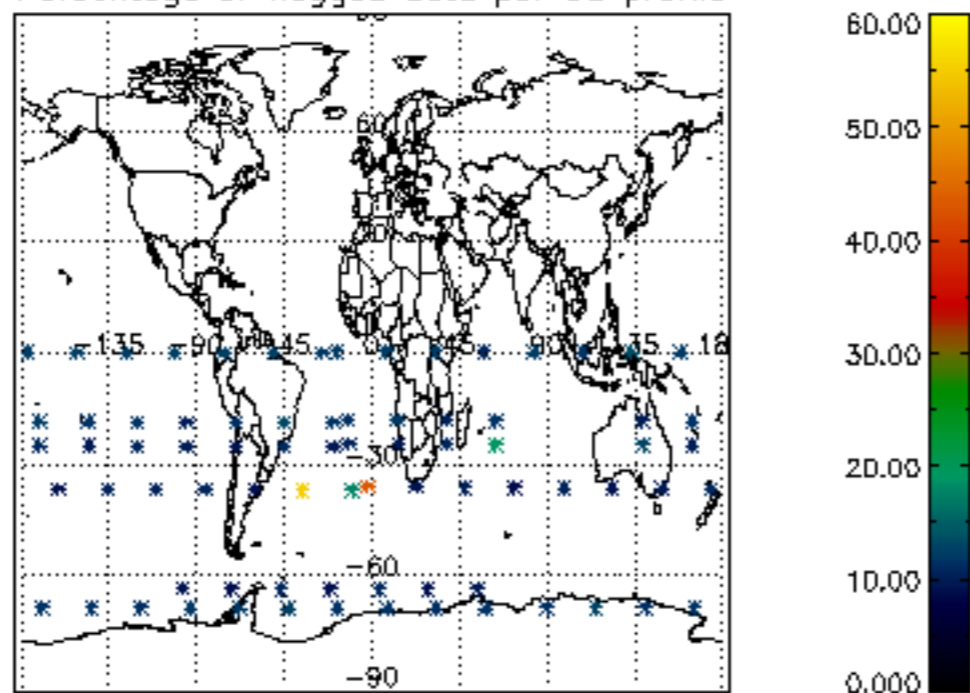
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-MAY-2010 00:00:50
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-MAY-2010 00:00:50
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-MAY-2010 00:00:50

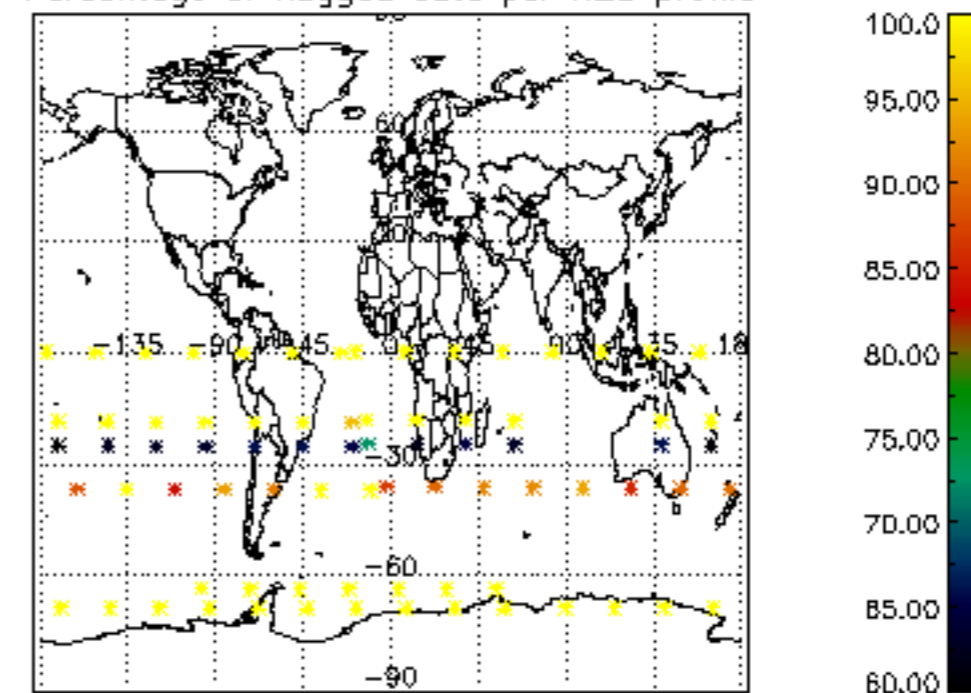




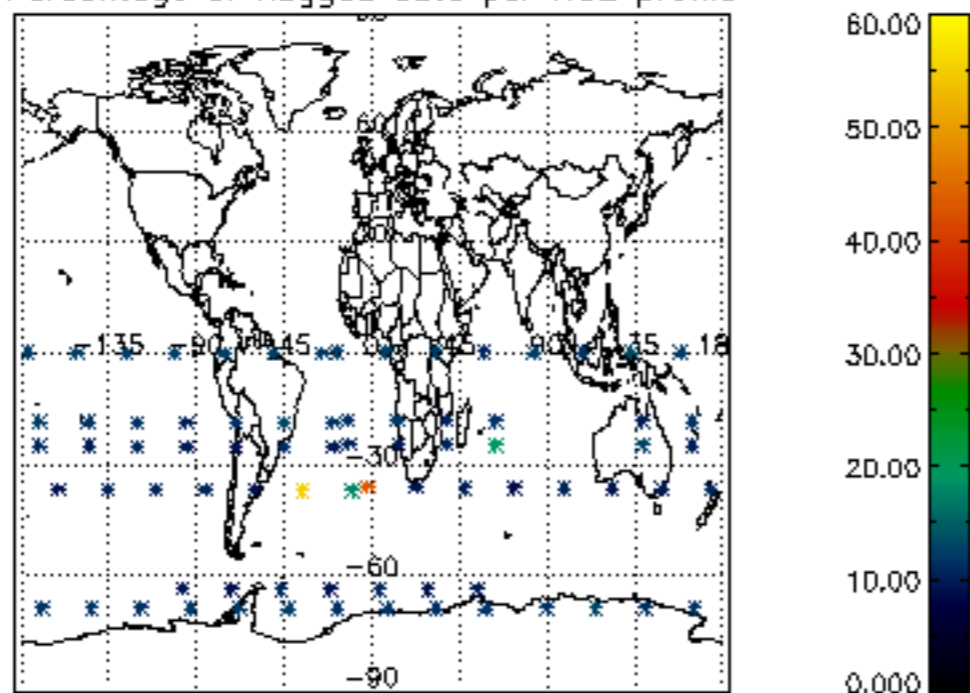
Percentage of flagged data per D3 profile



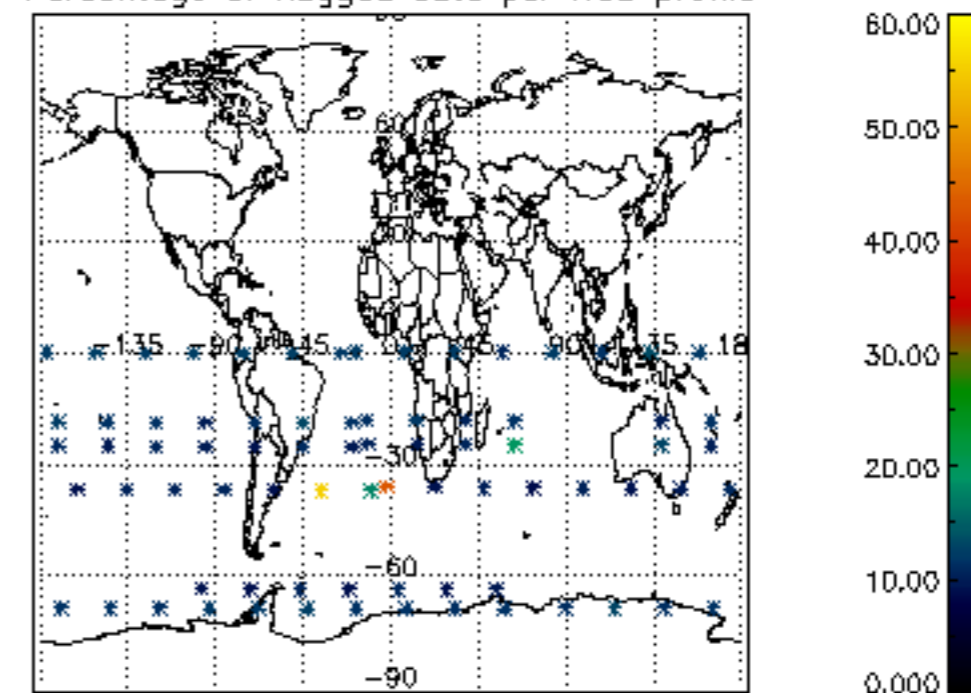
Percentage of flagged data per H2O profile

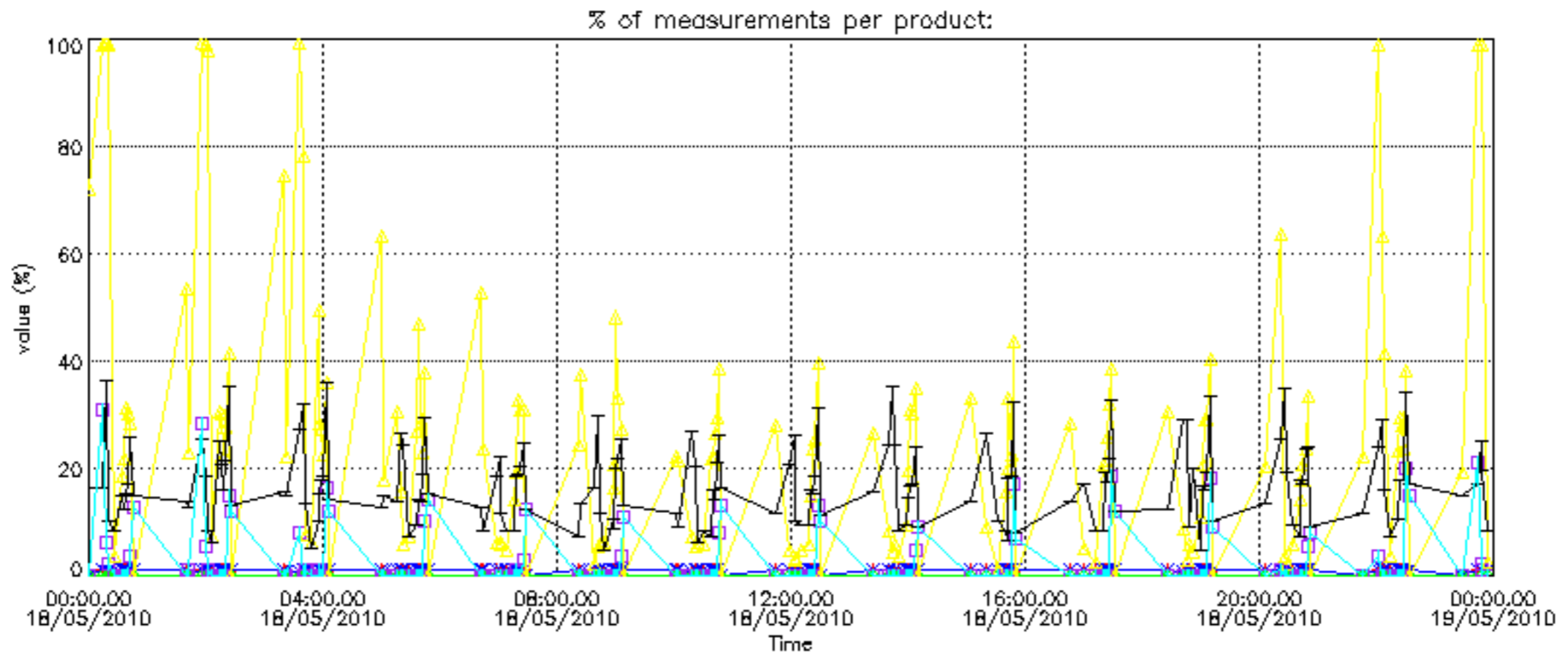


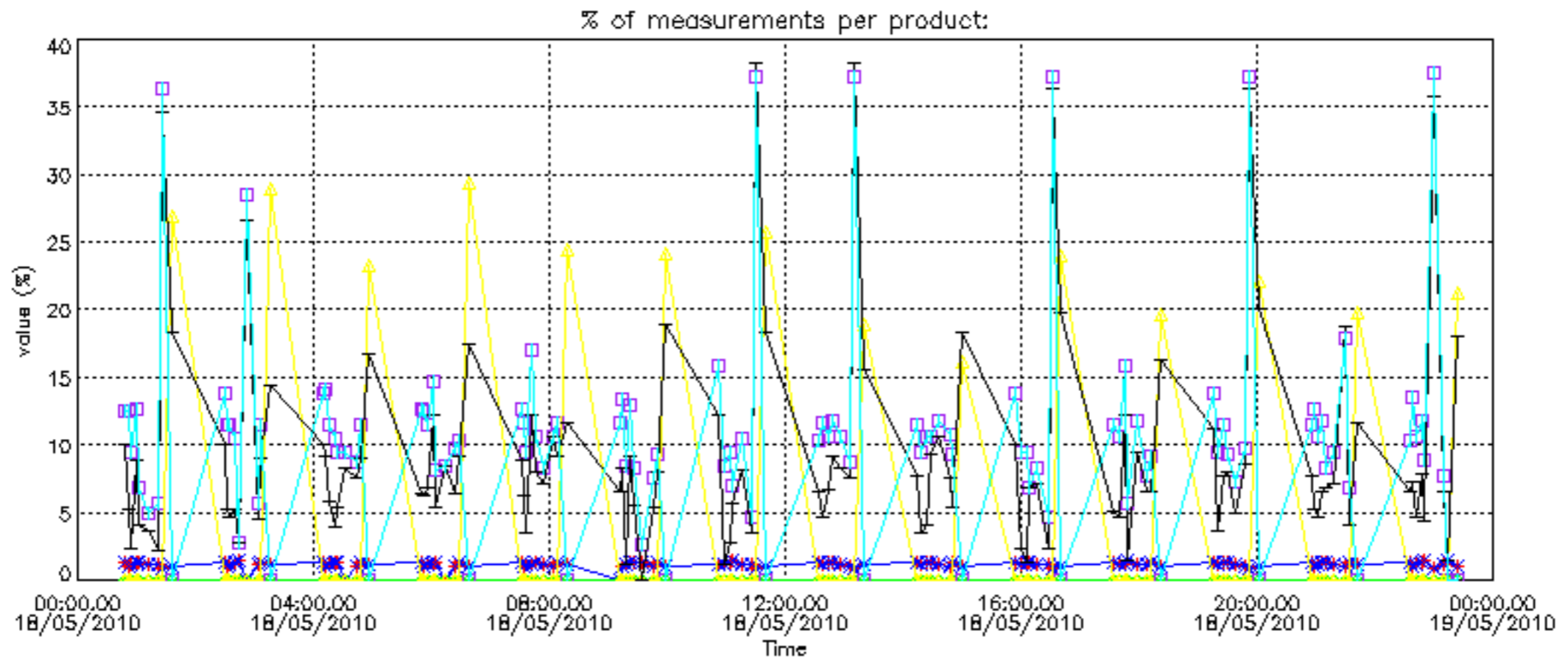
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

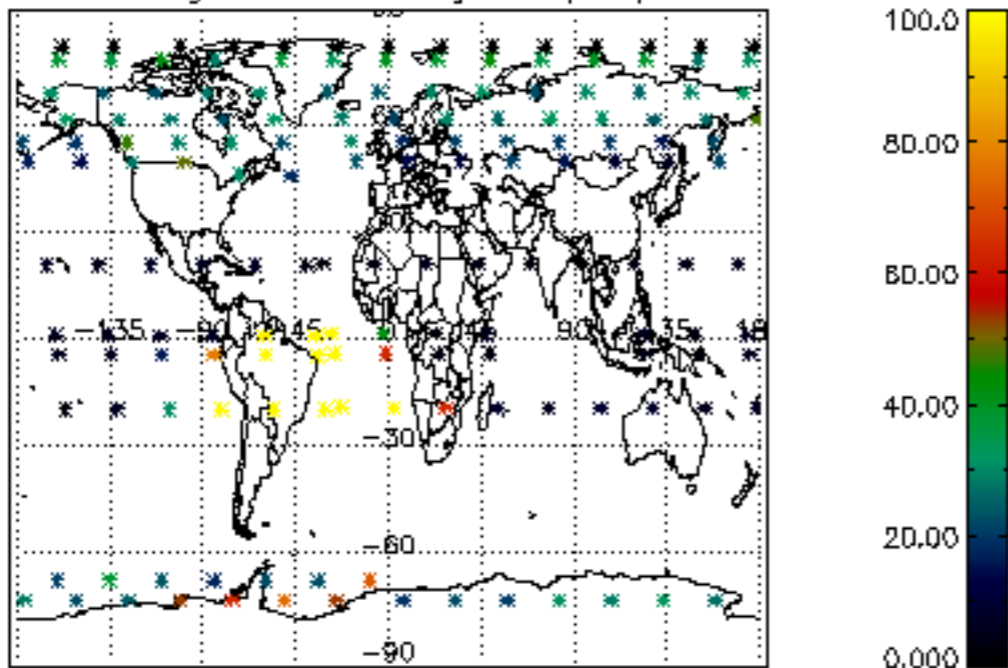




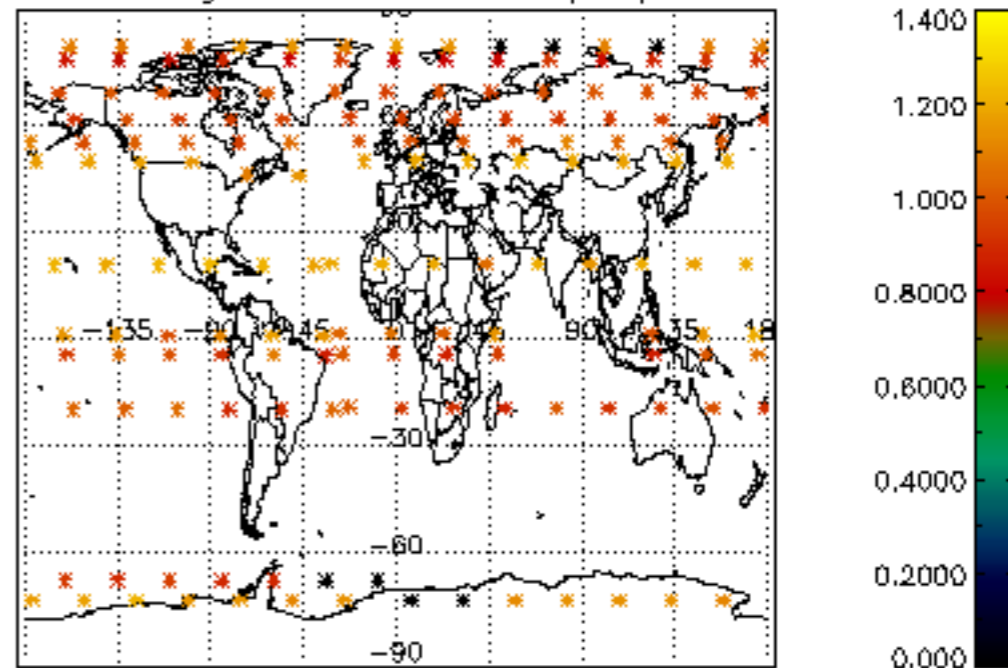




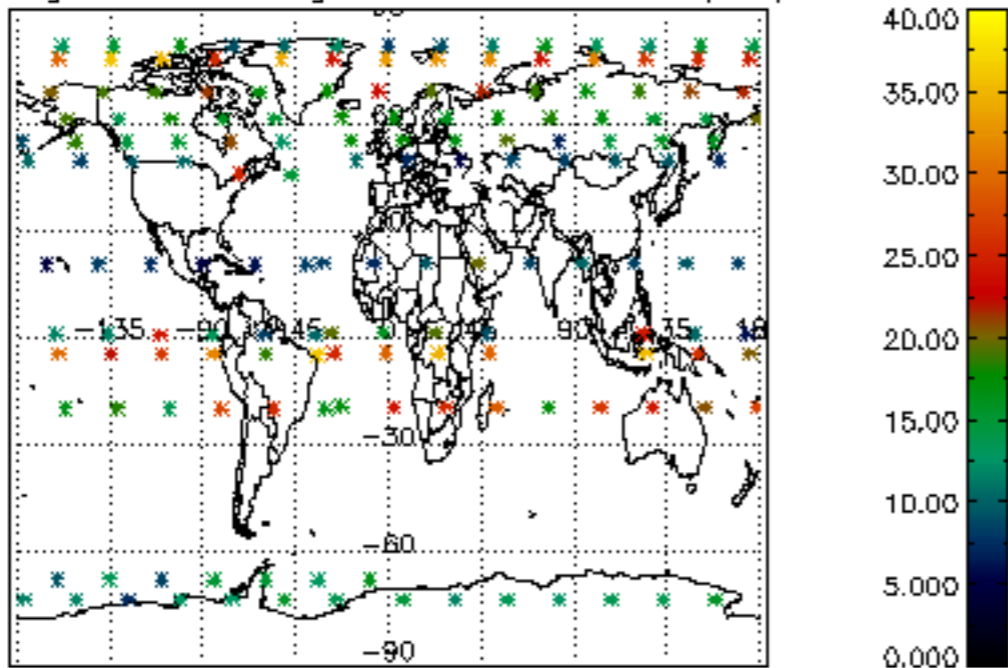
Percentage of cosmic ray hits per profile



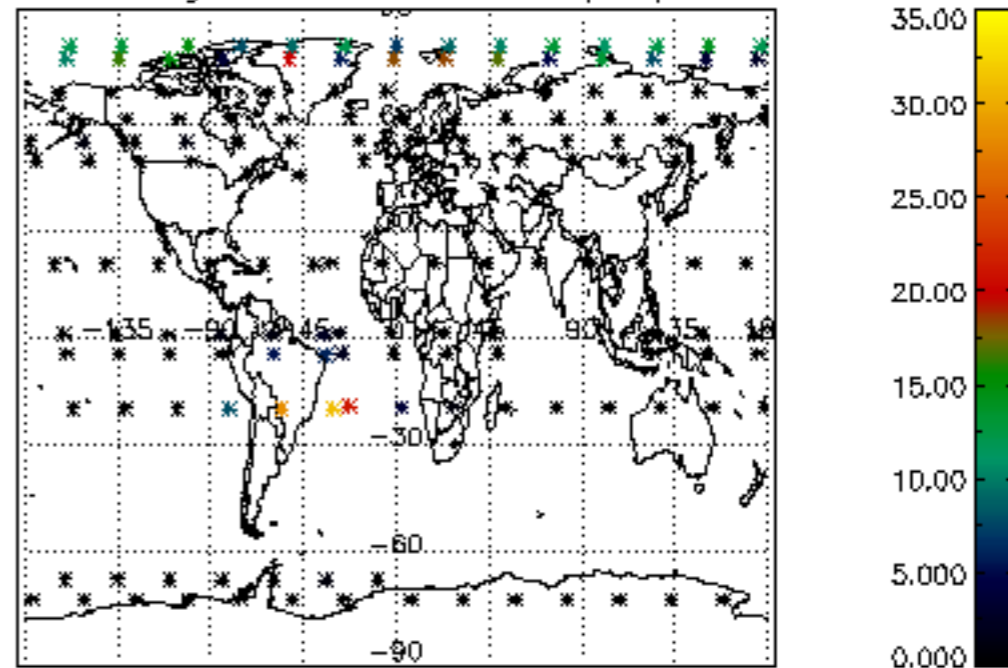
Percentage of datation errors per profile



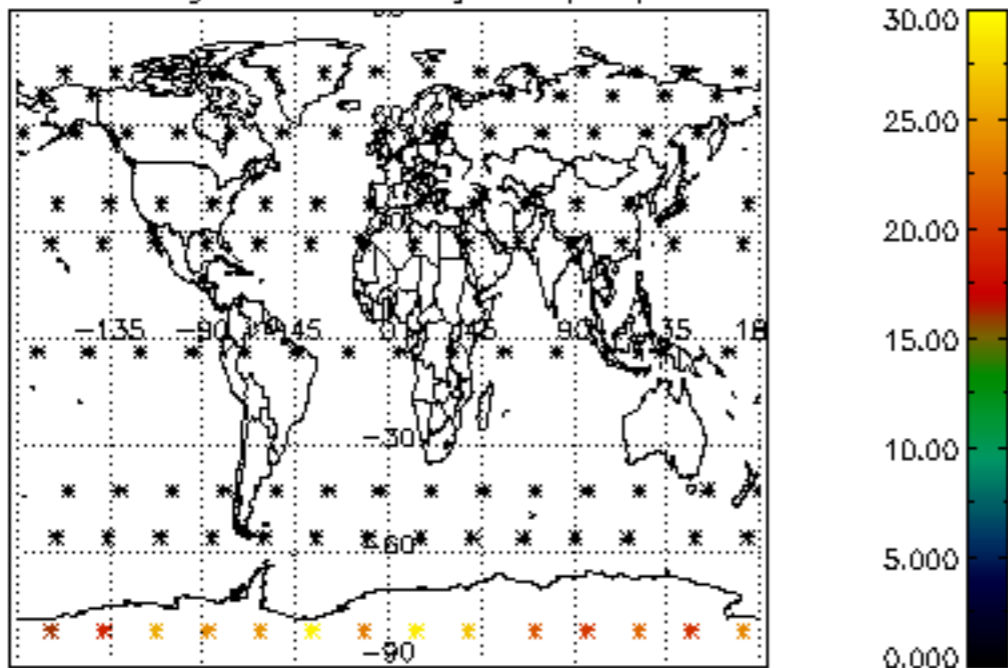
Percentage of star falling outside central band per profile



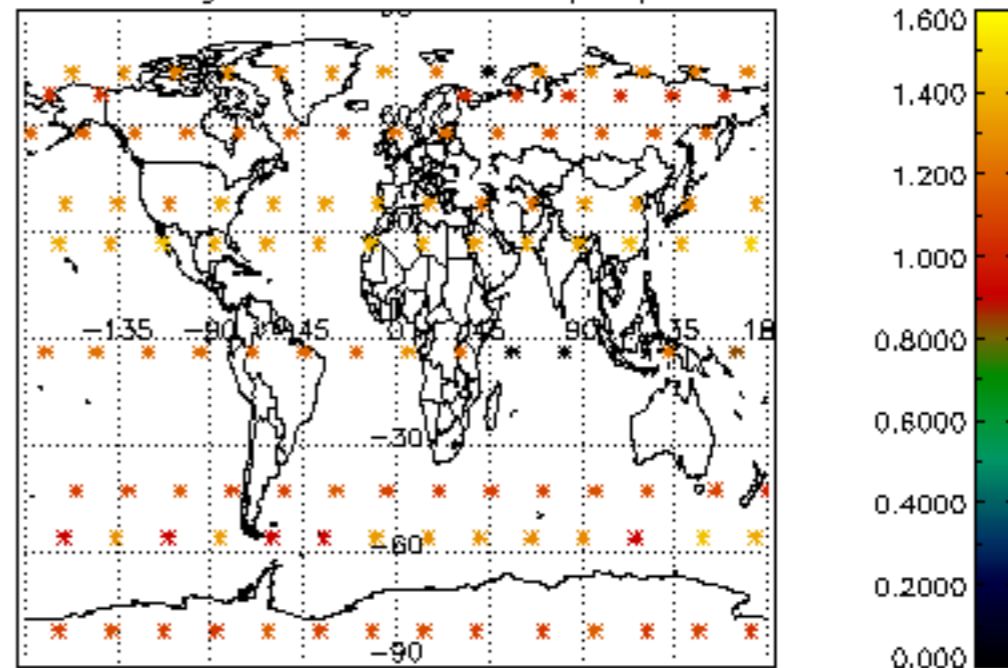
Percentage of saturation errors per profile



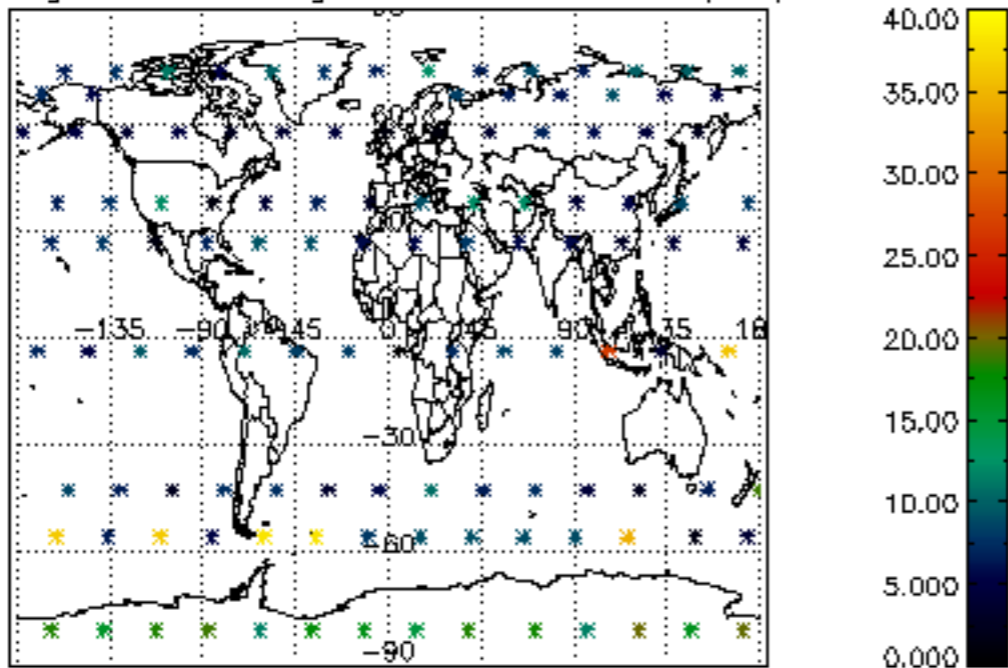
Percentage of cosmic ray hits per profile



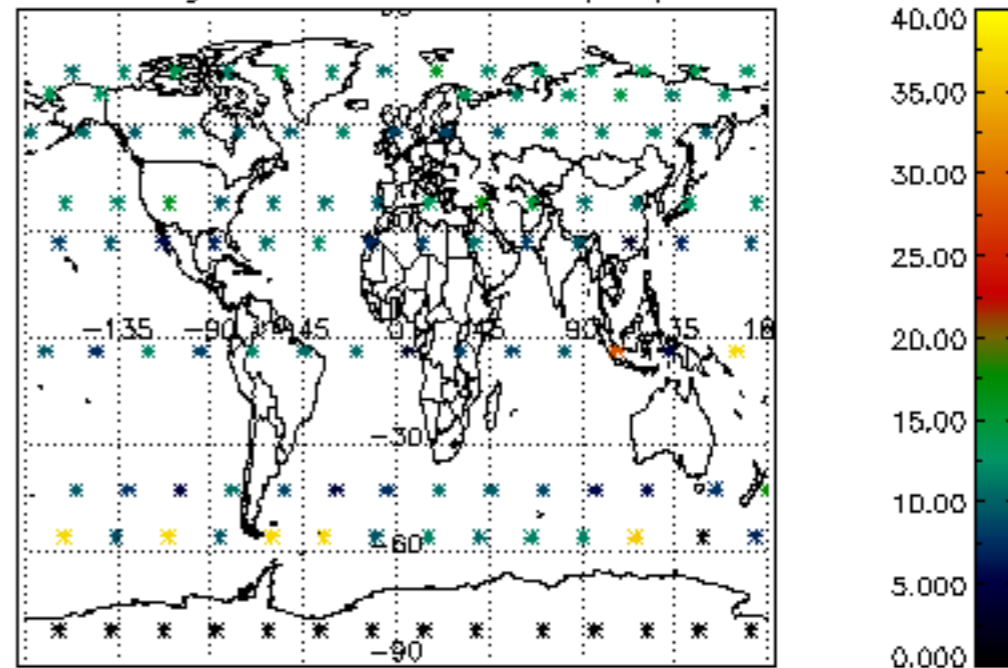
Percentage of datation errors per profile

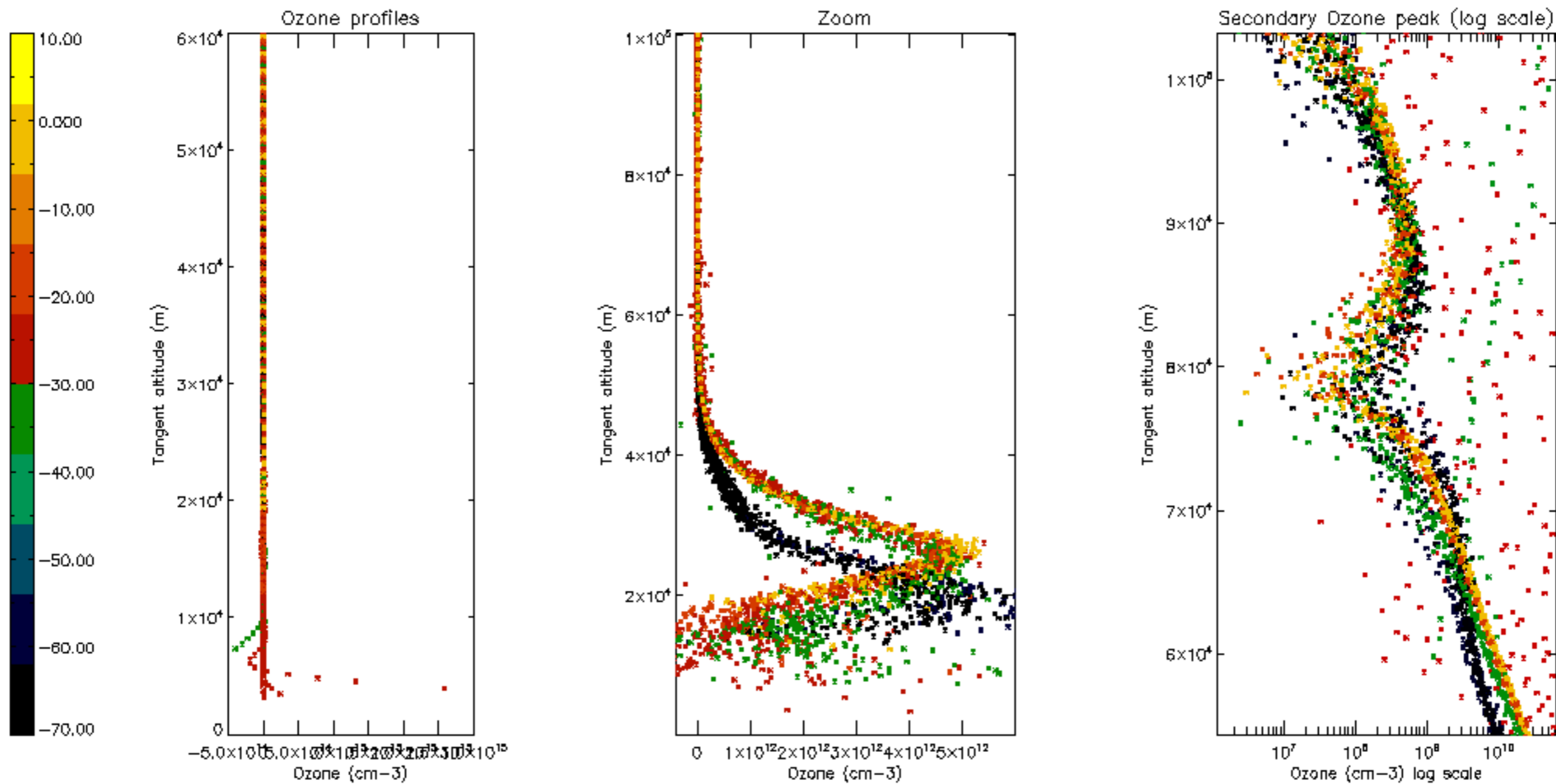


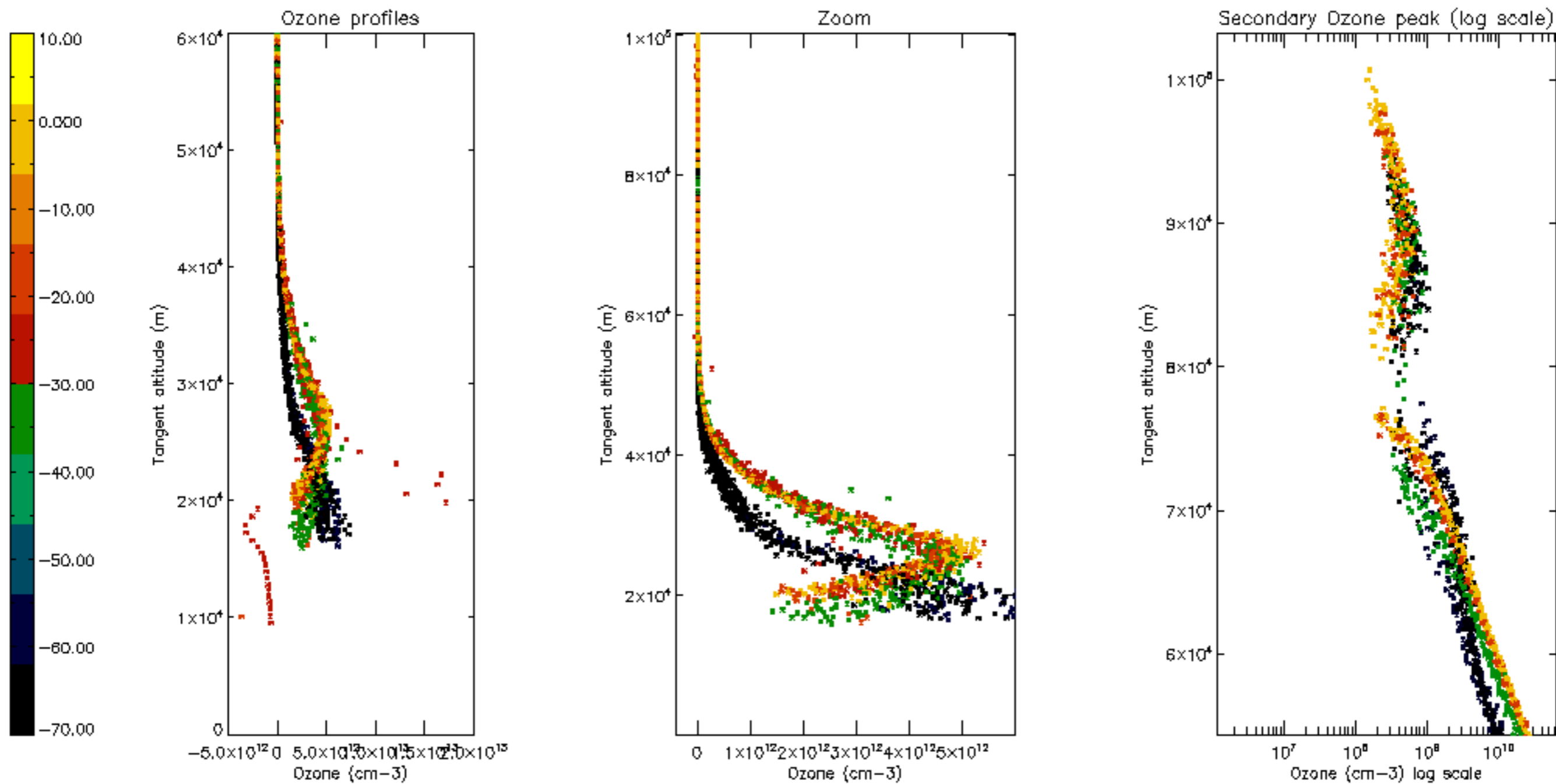
Percentage of star falling outside central band per profile



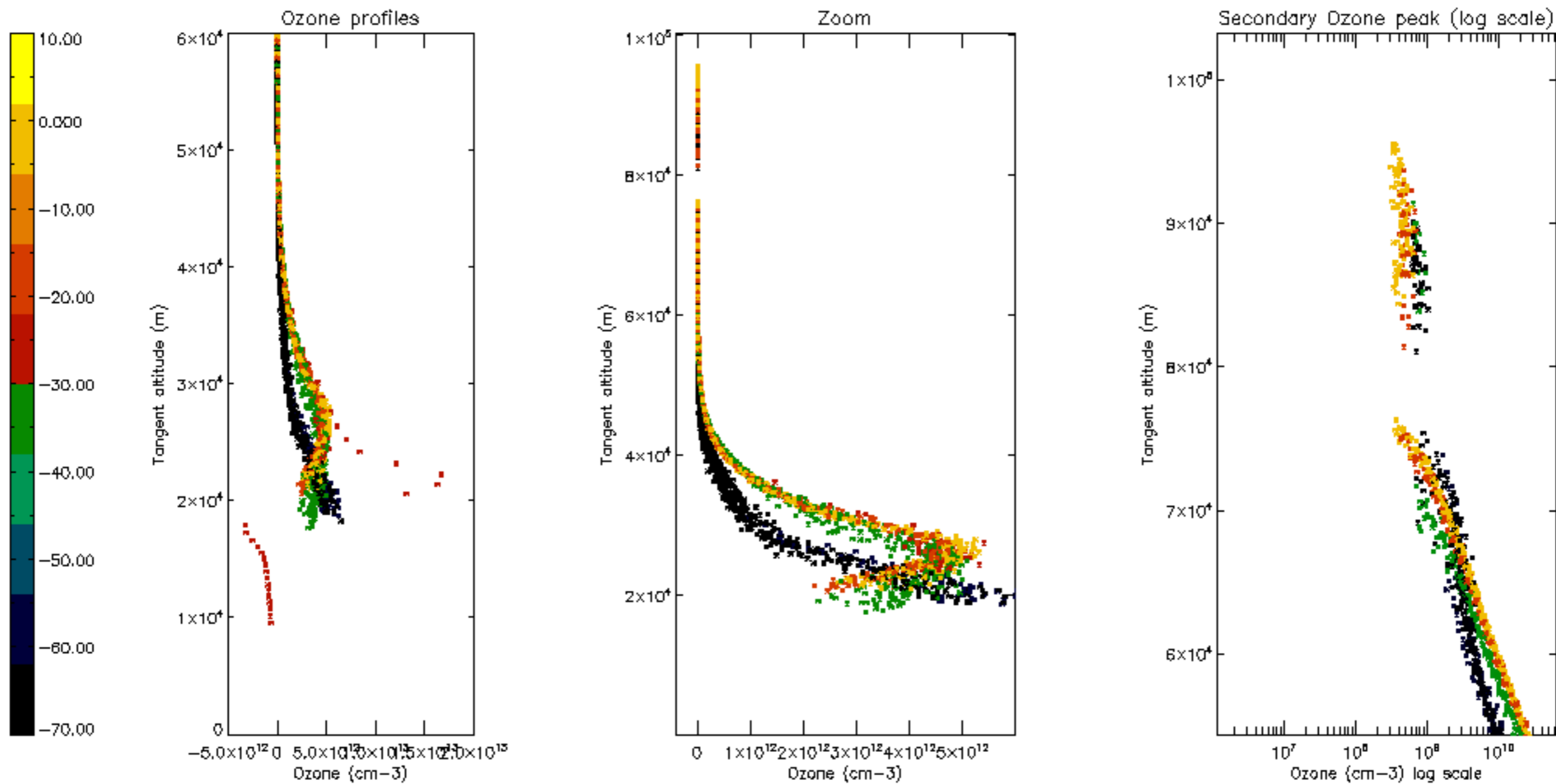
Percentage of saturation errors per profile

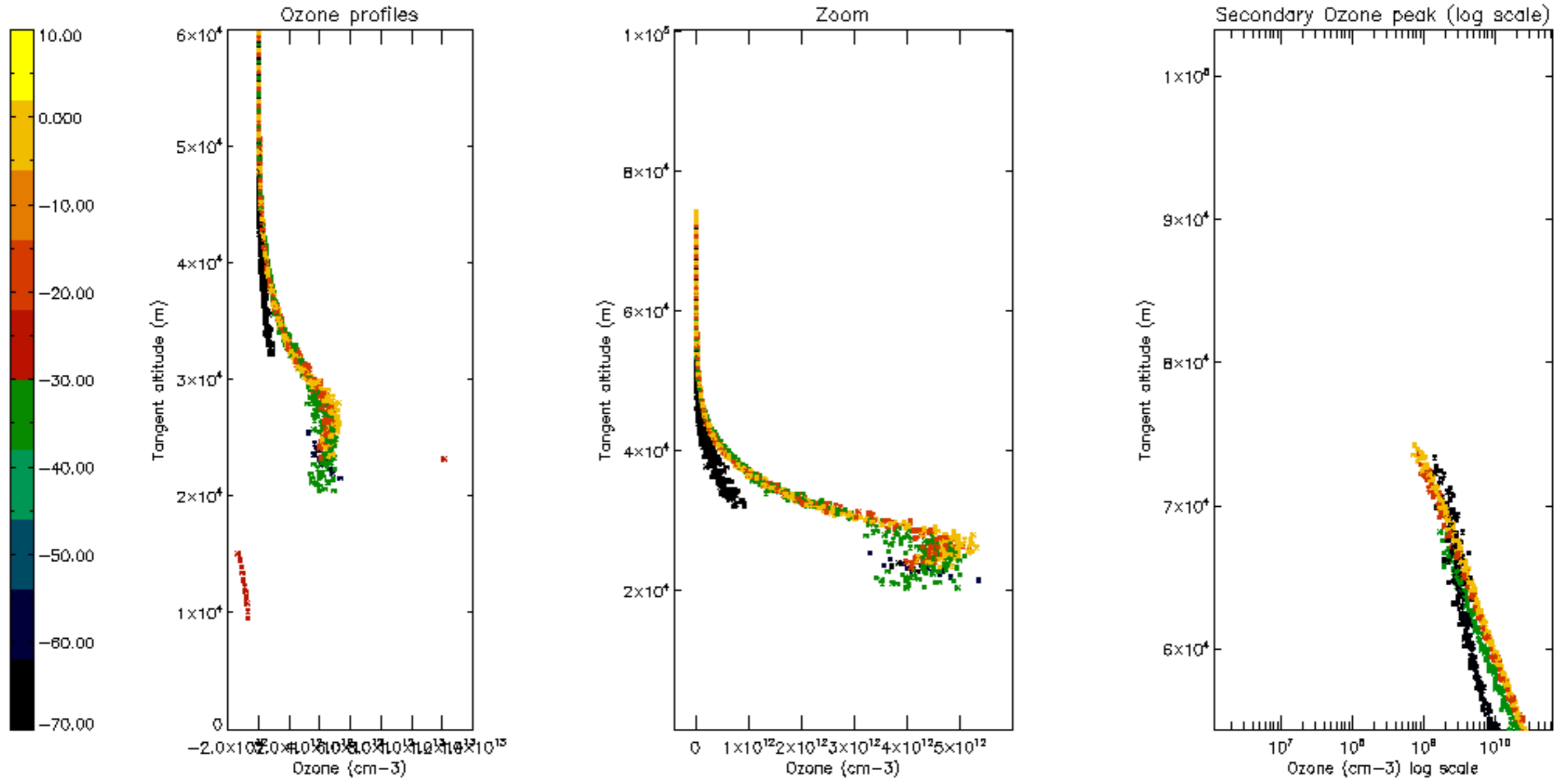


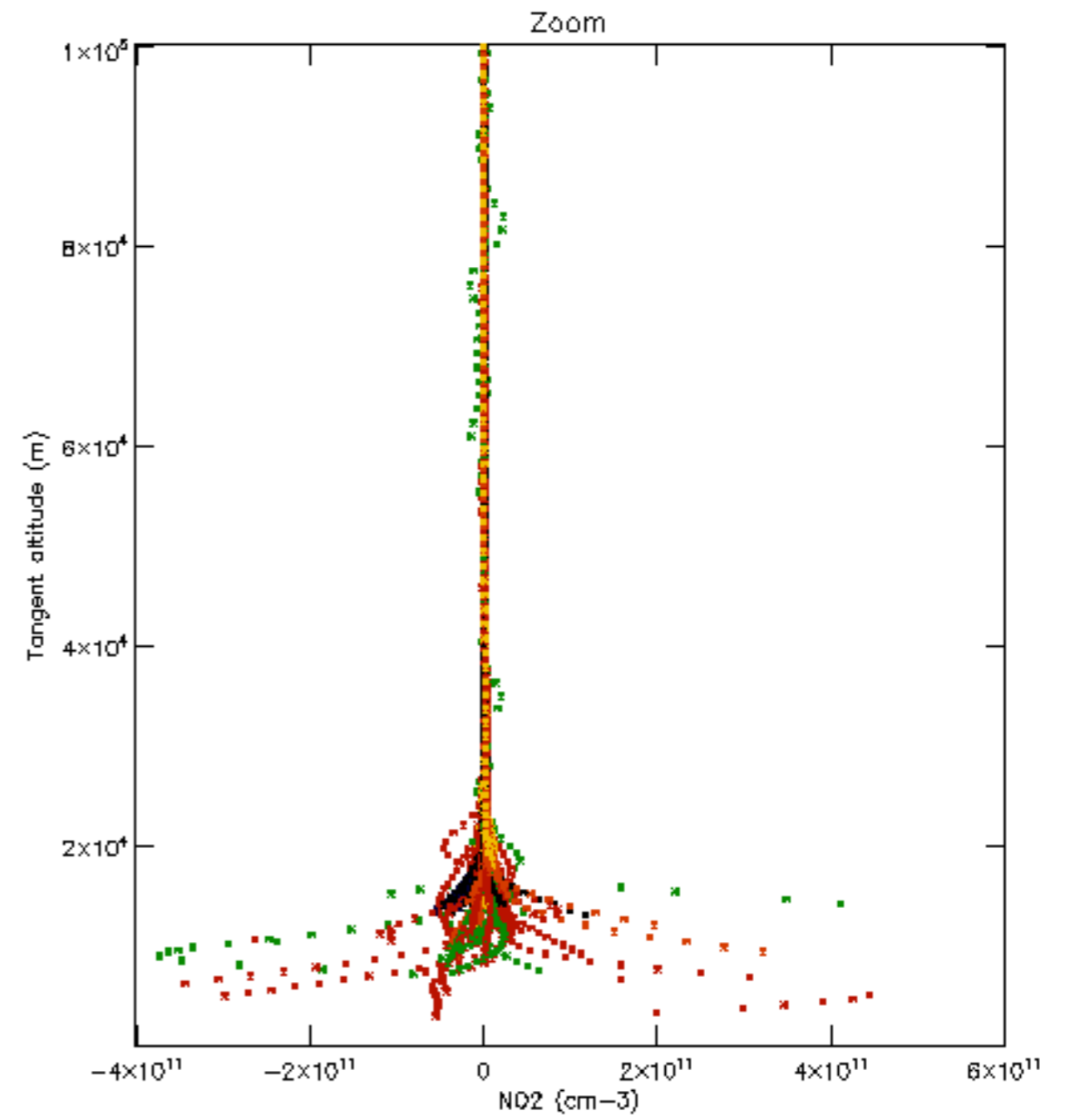
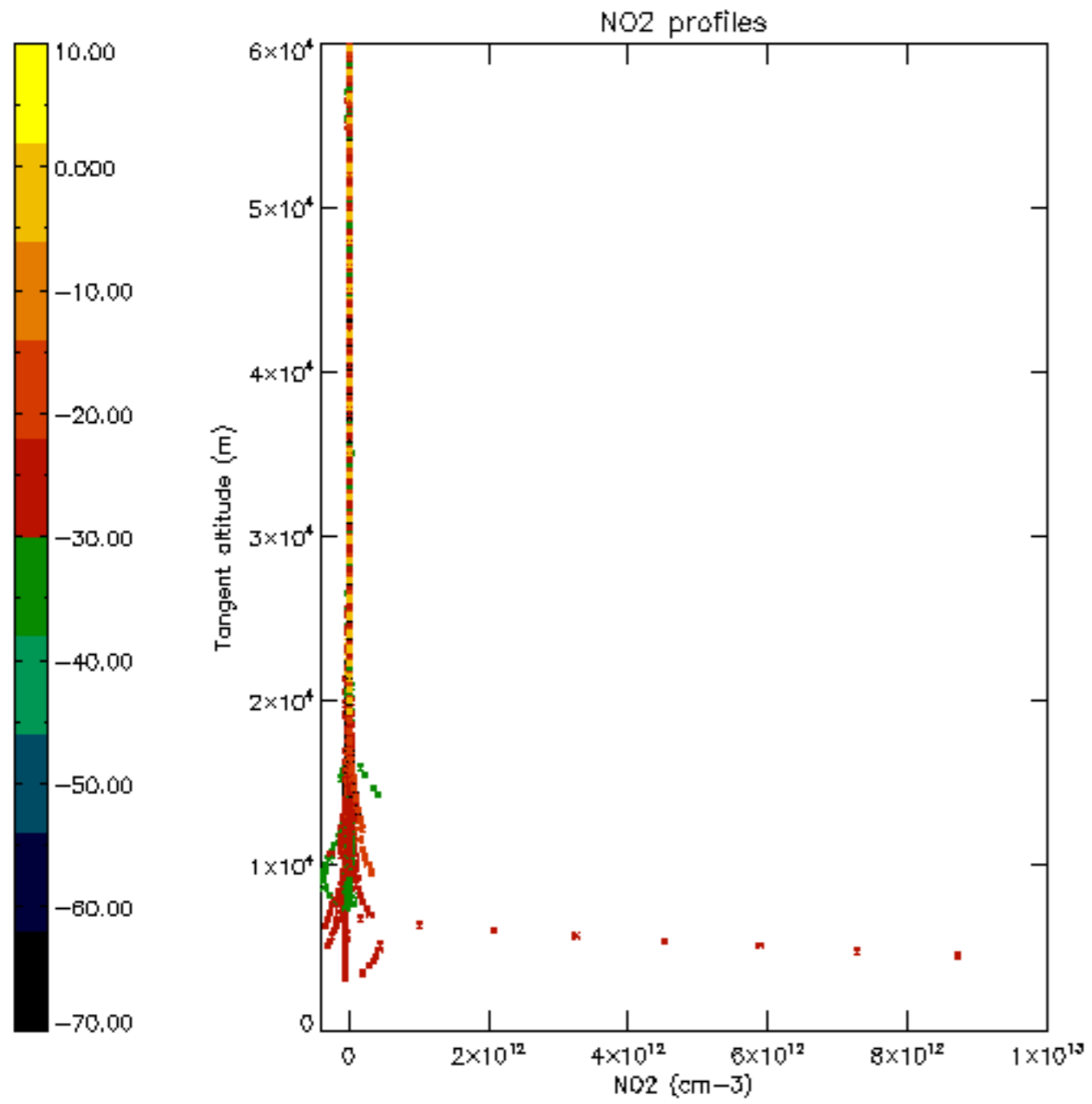


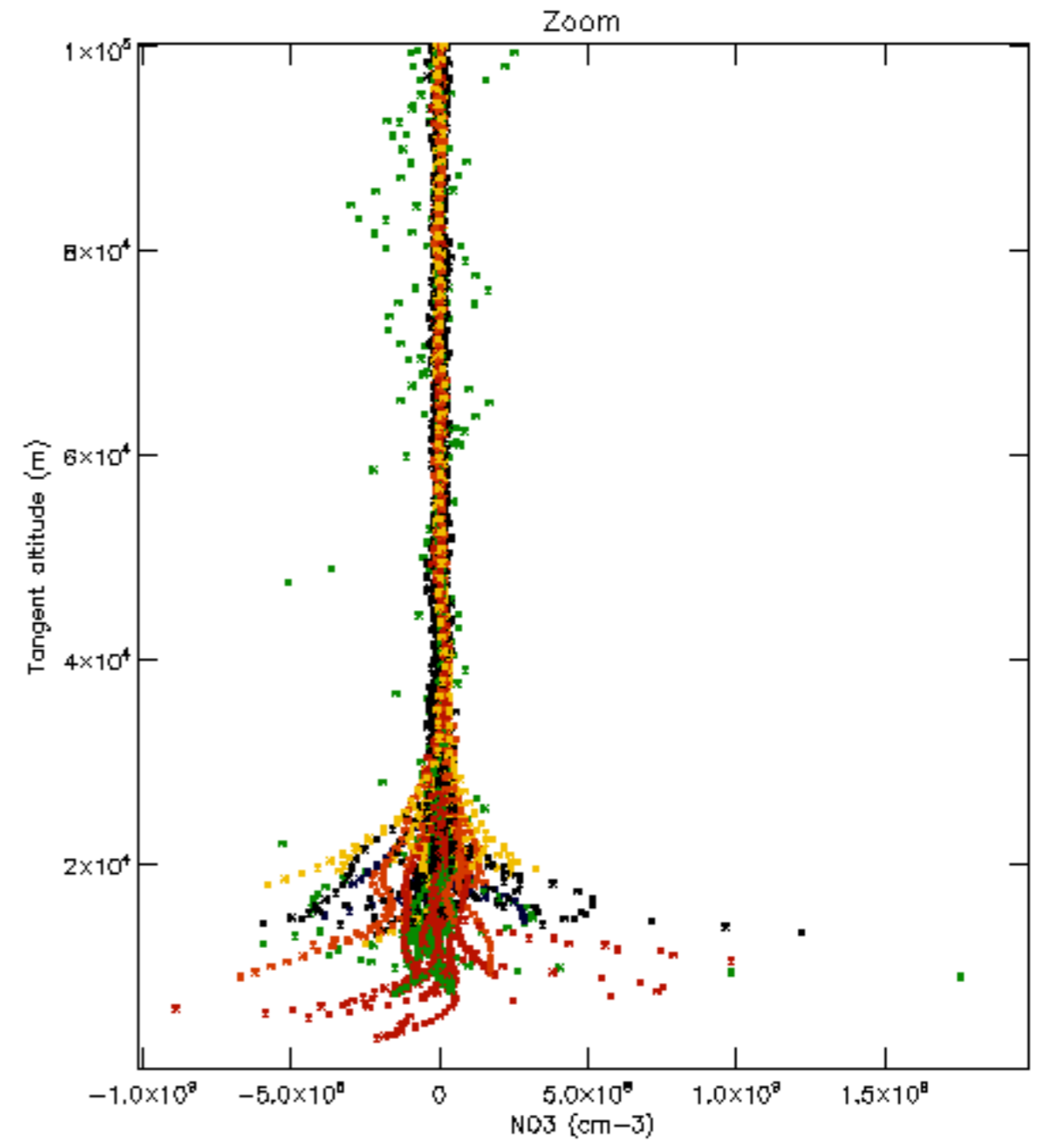
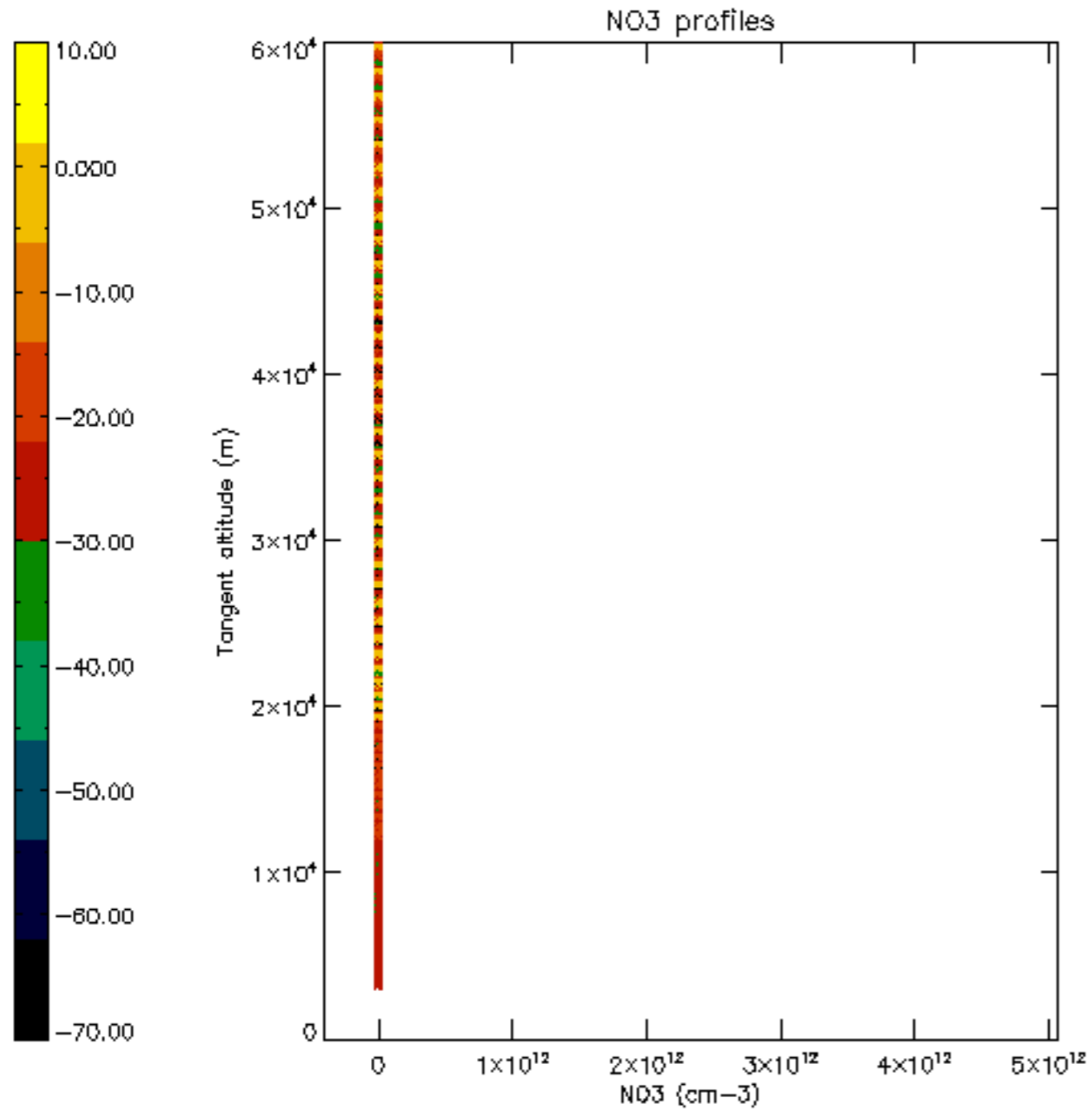




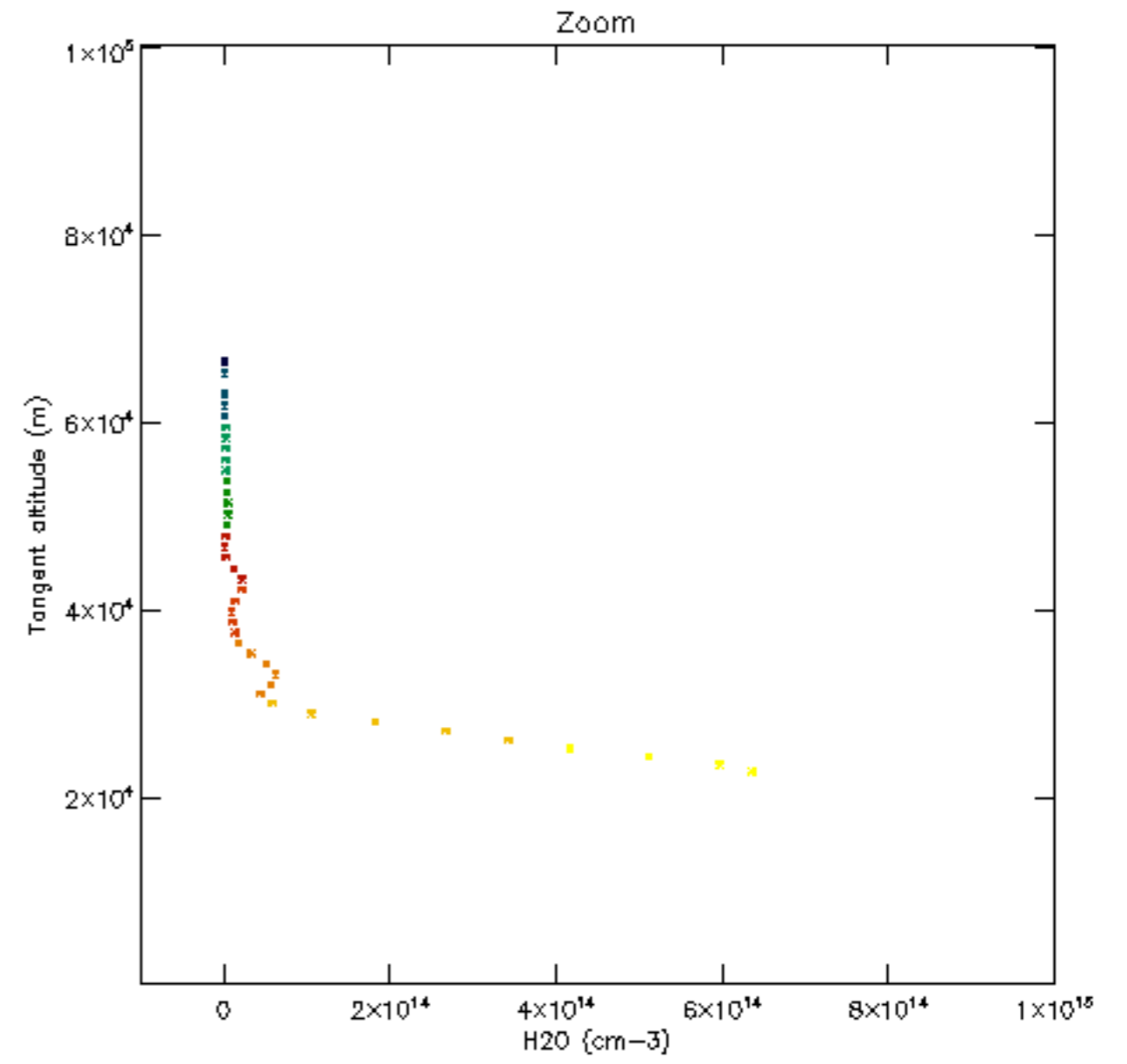
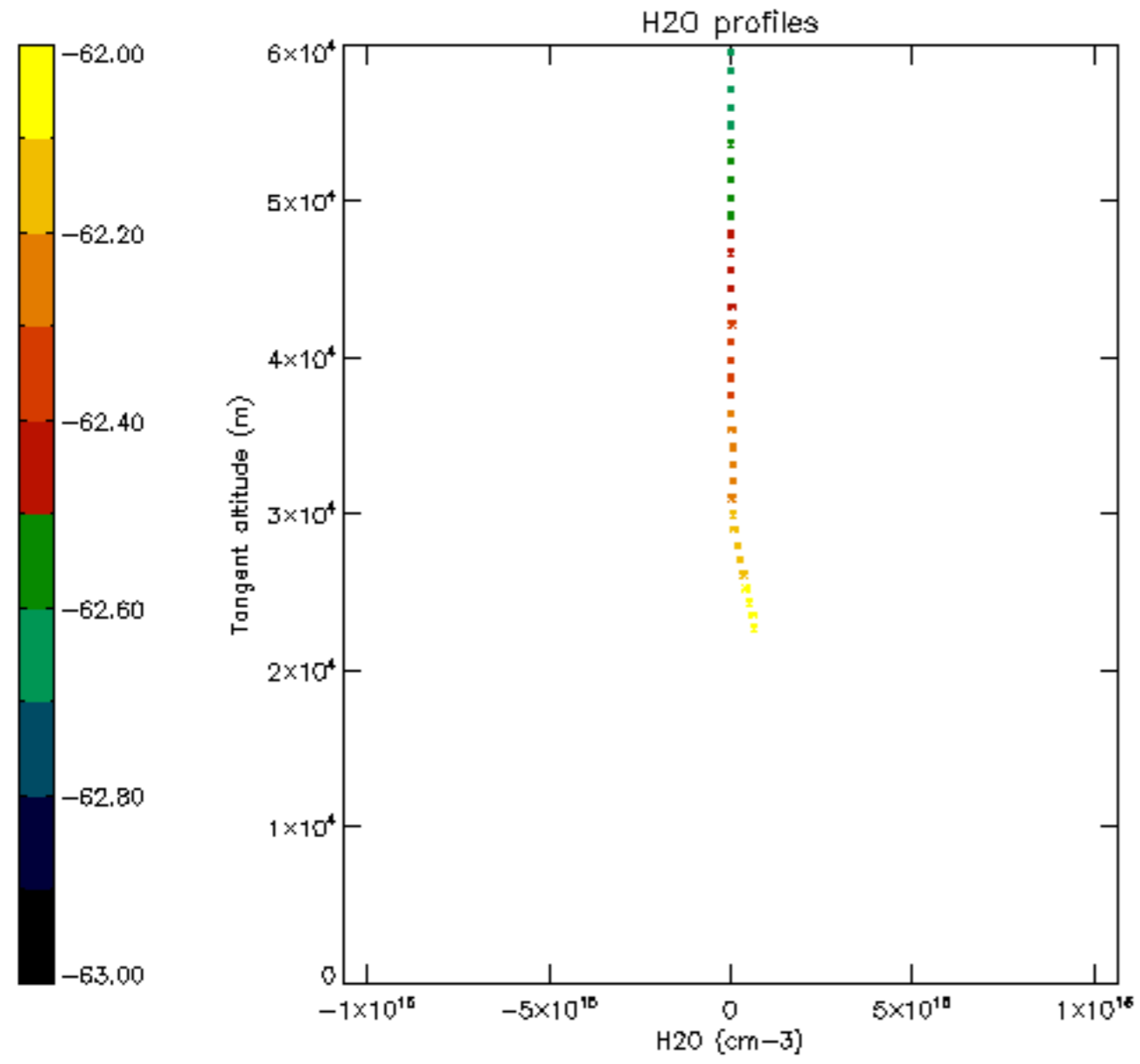


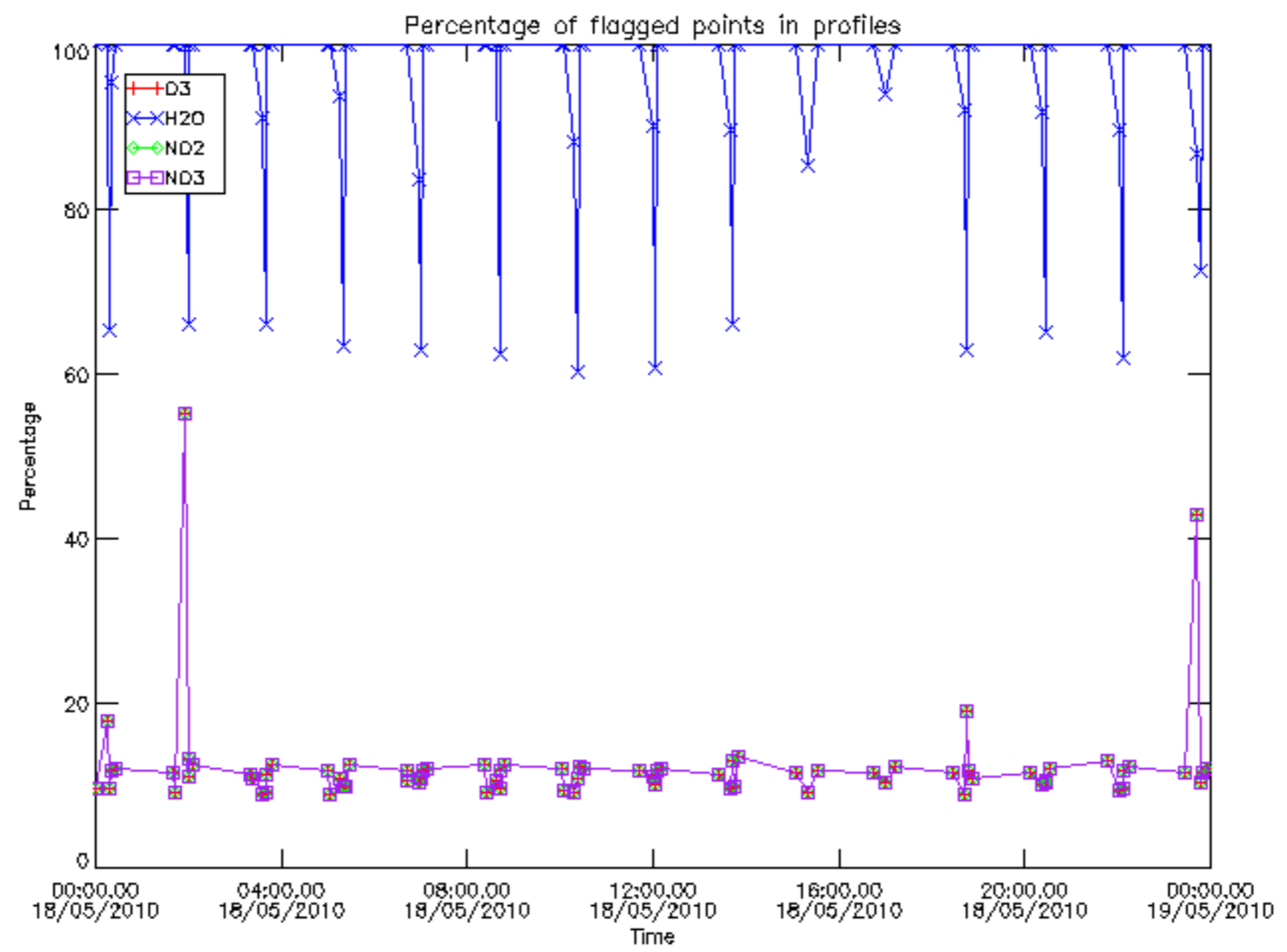




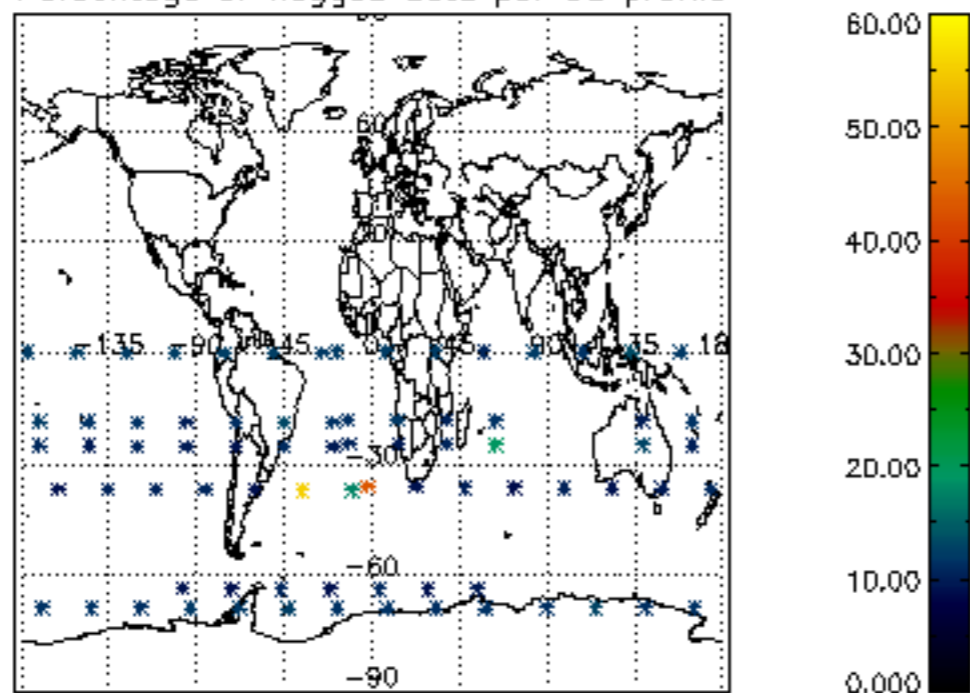




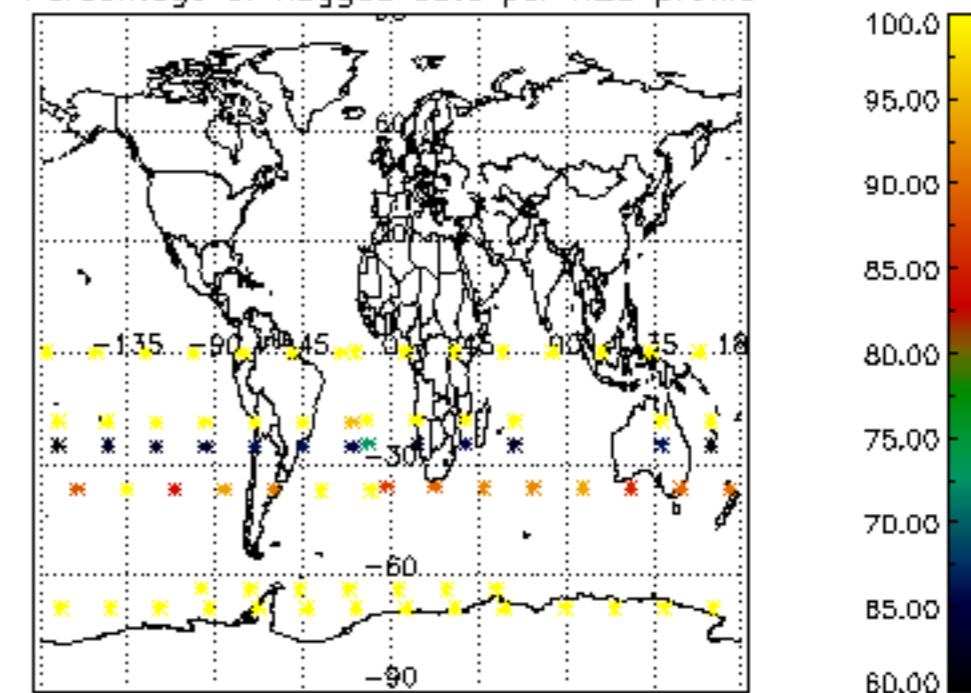




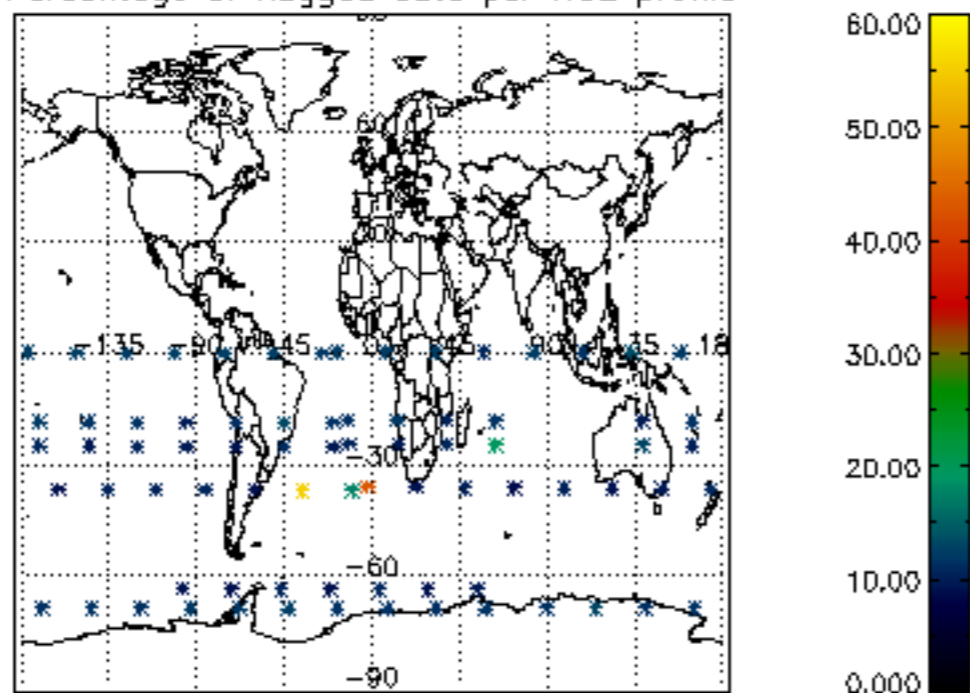
Percentage of flagged data per D3 profile



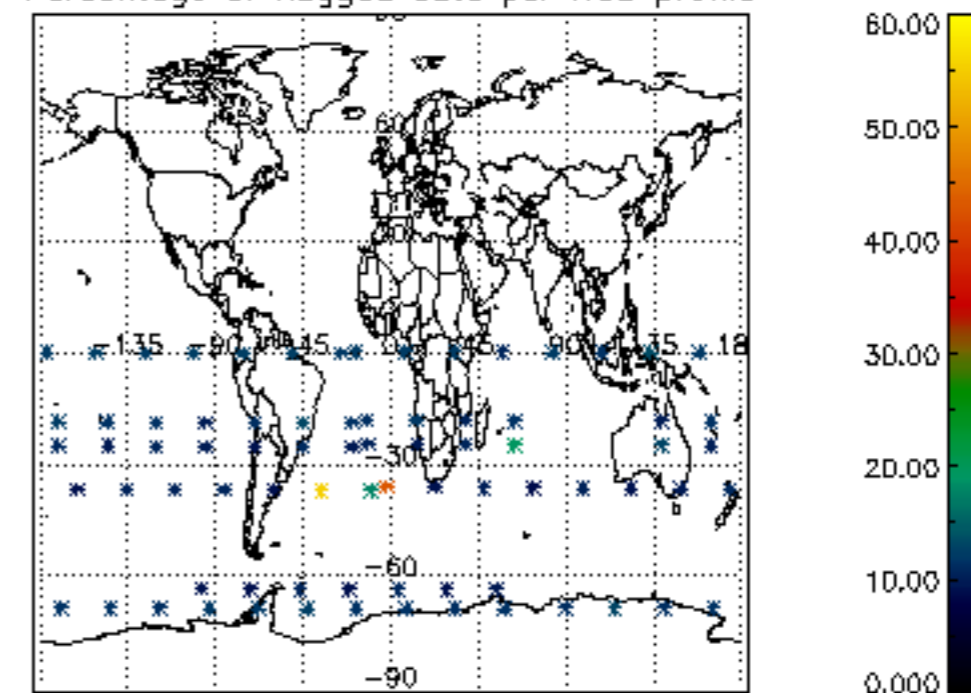
Percentage of flagged data per H2O profile

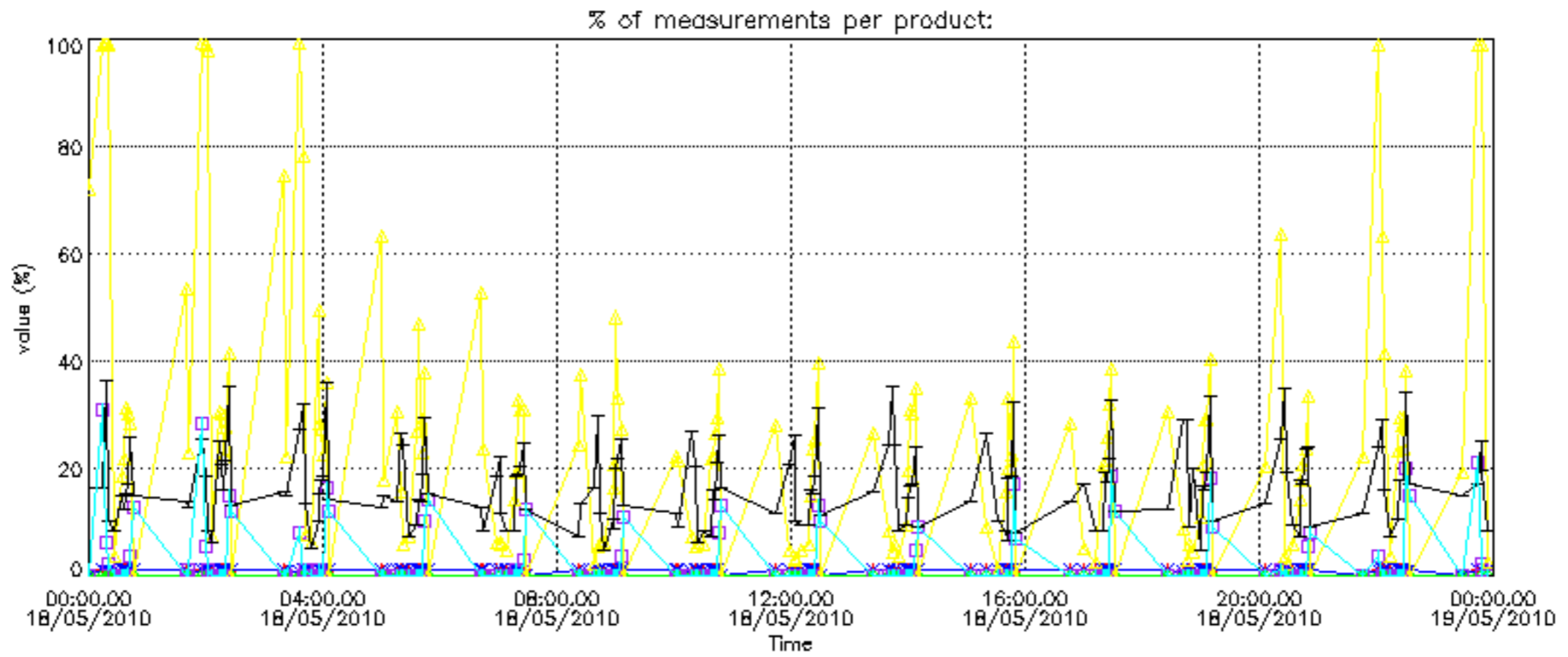


Percentage of flagged data per NO2 profile

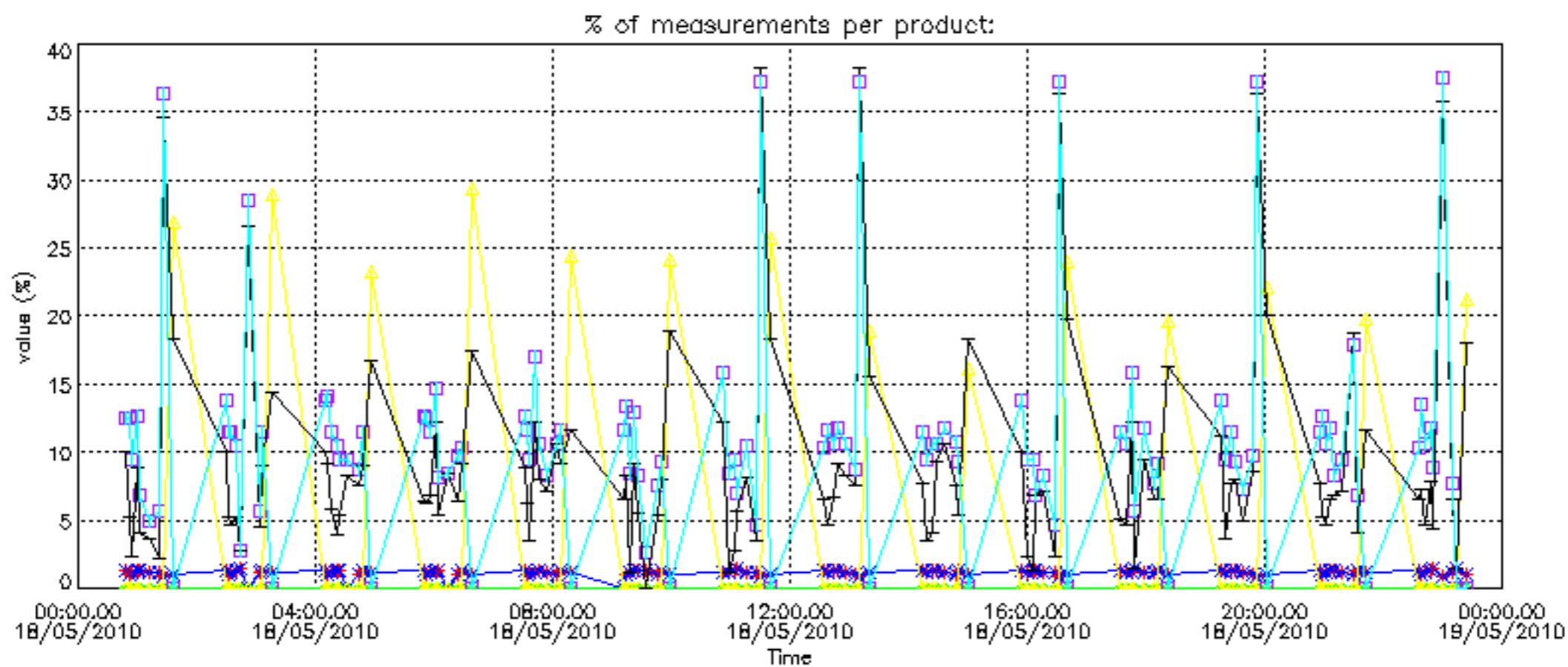


Percentage of flagged data per NO3 profile

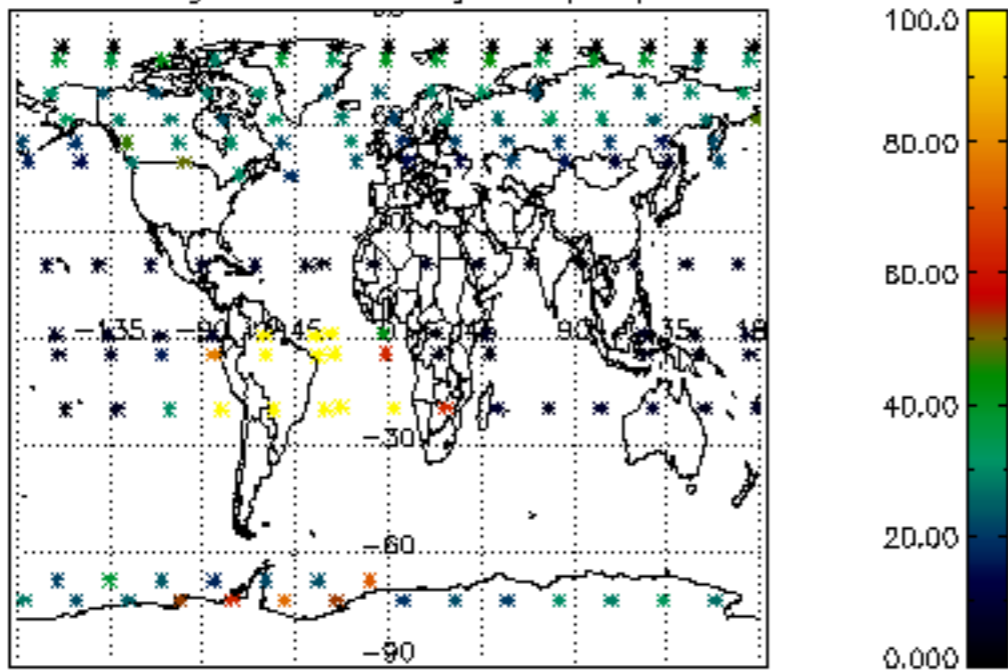




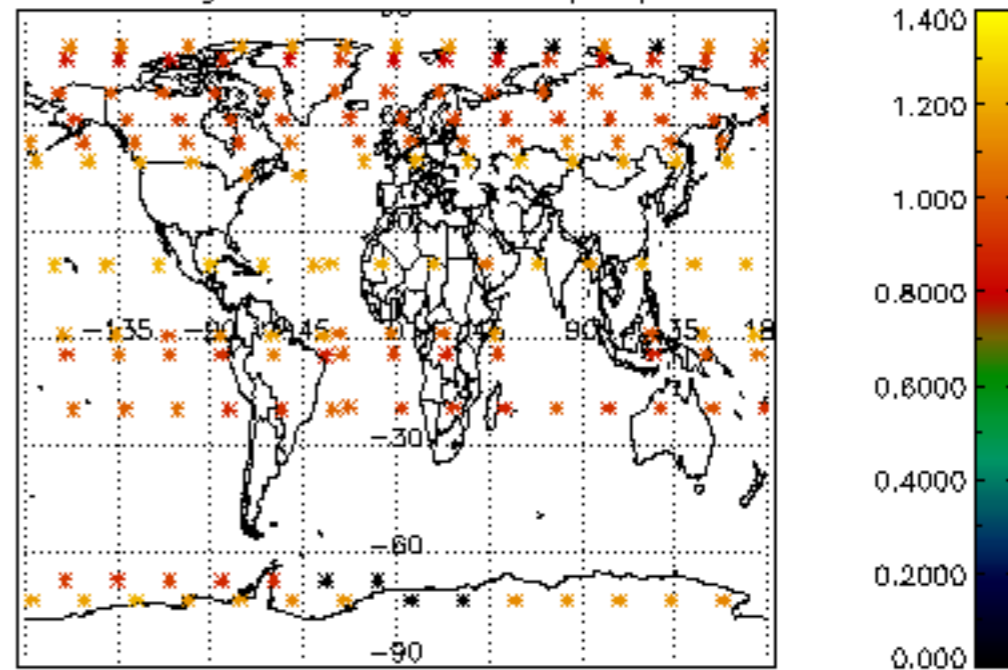




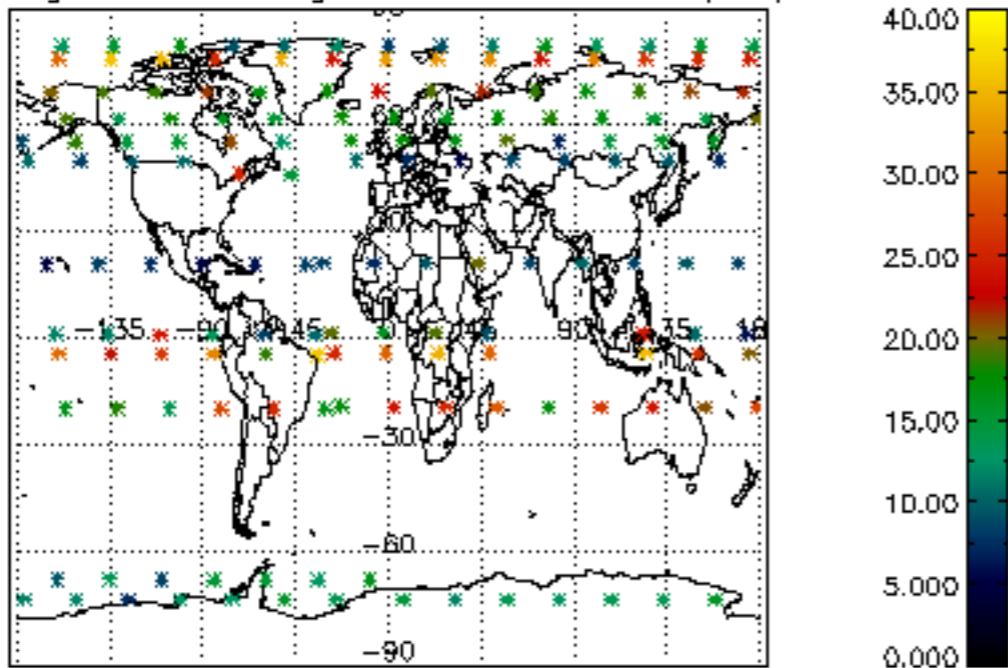
Percentage of cosmic ray hits per profile



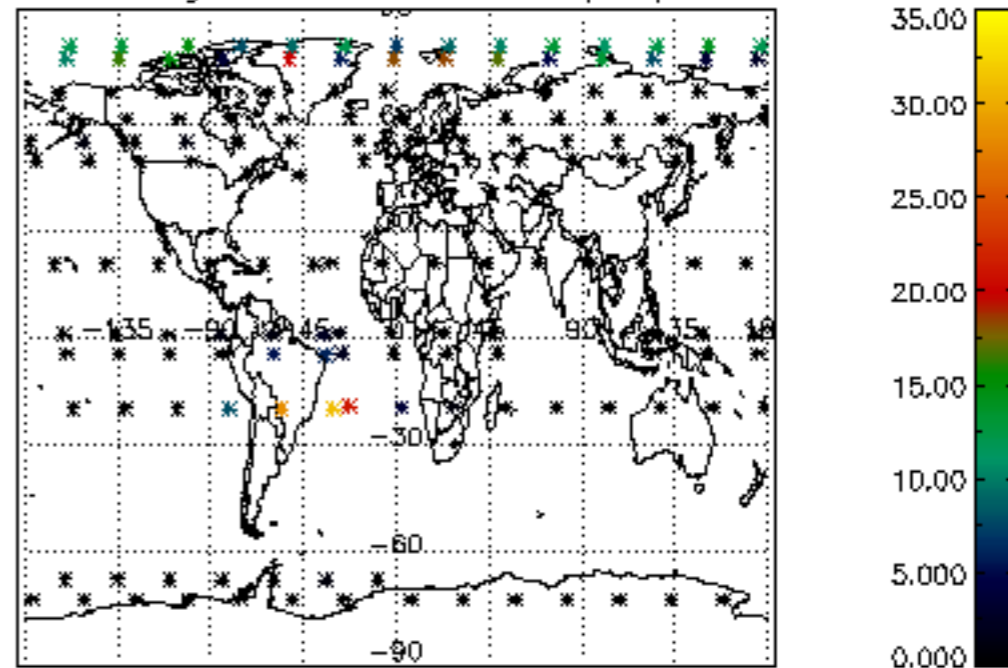
Percentage of datation errors per profile



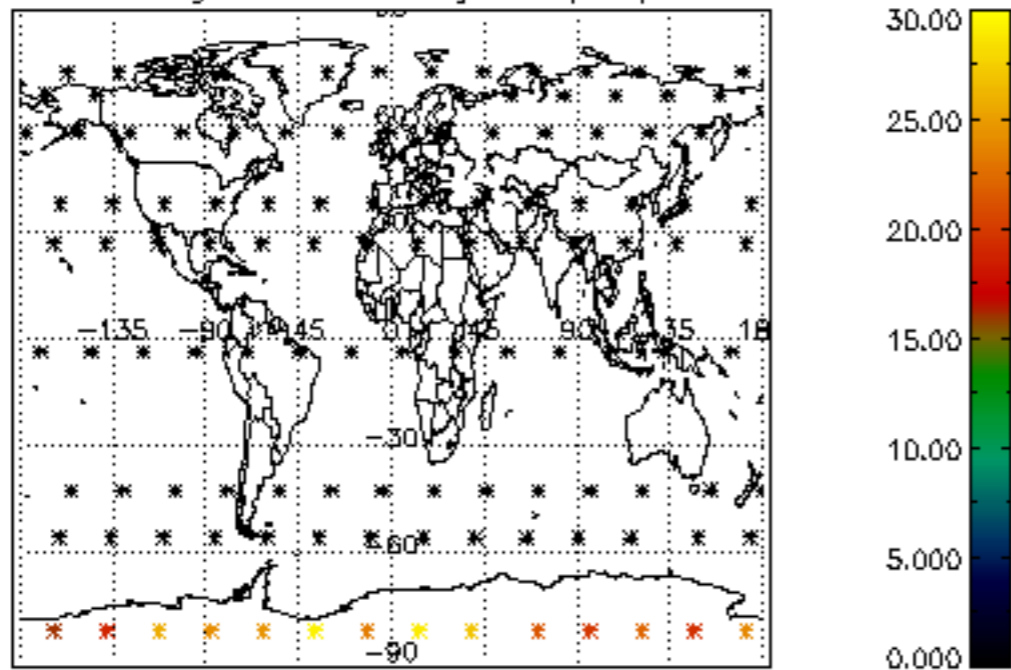
Percentage of star falling outside central band per profile



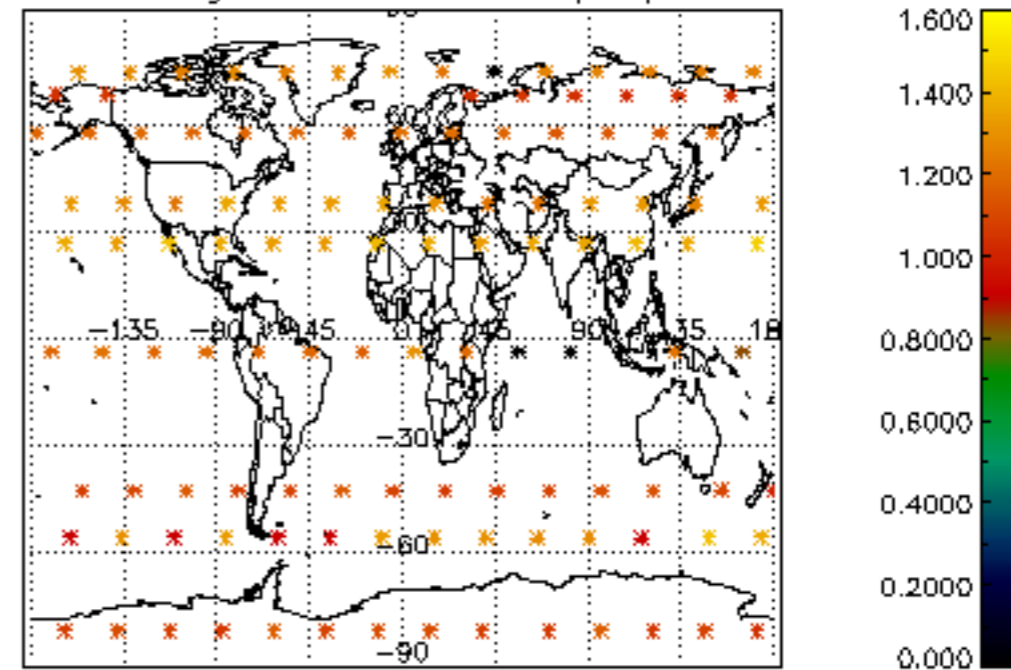
Percentage of saturation errors per profile



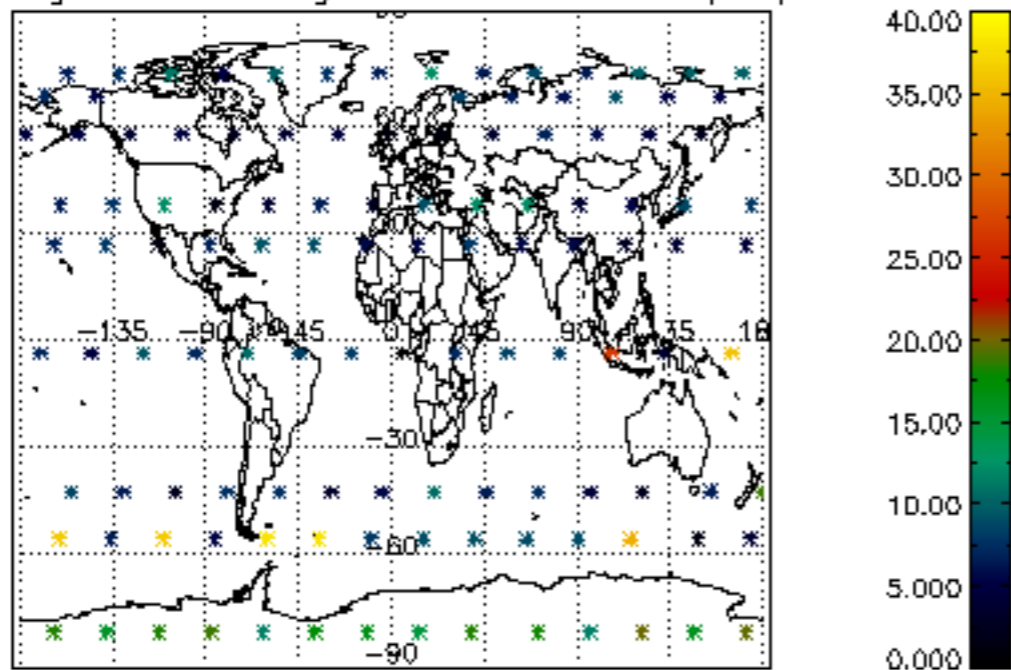
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

