

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	29APR2013 15:18:50
Data source version	GOMOS/6.01
Start time of products	20-09-2010 (20SEP2010 00:00:00)
Stop time of products	21-09-2010 (21SEP2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	200
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__2PRFIN20100920_000356_000000442093_00088_44731_8179.N1	20-SEP-2010 00:03:56	Dark	44.000	9	Alp Eri	0.45300	24000.	88	44731	No
2	GOM_NL__2PRFIN20100920_000935_000000482093_00088_44731_8180.N1	20-SEP-2010 00:09:35	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	44731	No
3	GOM_NL__2PRFIN20100920_001701_000000552093_00088_44731_8181.N1	20-SEP-2010 00:17:01	Twilight_and_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	44731	No
4	GOM_NL__2PRFIN20100920_002738_000000392093_00088_44731_8182.N1	20-SEP-2010 00:27:38	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	44731	No
5	GOM_NL__2PRFIN20100920_003126_000000392093_00088_44731_8183.N1	20-SEP-2010 00:31:26	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	44731	No
6	GOM_NL__2PRFIN20100920_003309_000000452093_00088_44731_8184.N1	20-SEP-2010 00:33:09	Bright	44.500	58	21Alp And	2.0730	11000.	89	44731	No
7	GOM_NL__2PRFIN20100920_004130_000000422093_00088_44731_8185.N1	20-SEP-2010 00:41:30	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	44731	No
8	GOM_NL__2PRFIN20100920_004311_000000422093_00088_44731_8186.N1	20-SEP-2010 00:43:11	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44731	No
9	GOM_NL__2PRFIN20100920_010615_000000472093_00088_44731_8187.N1	20-SEP-2010 01:06:15	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	44731	No
10	GOM_NL__2PRFIN20100920_011520_000000602093_00088_44731_8188.N1	20-SEP-2010 01:15:20	Dark	60.000	8	10Alp CMi	0.40000	6500.0	120	44731	No
11	GOM_NL__2PRFIN20100920_012243_000000462093_00088_44731_8189.N1	20-SEP-2010 01:22:43	Dark	46.000	132	15Rho Pup	2.8030	6900.0	92	44731	No
12	GOM_NL__2PRFIN20100920_012459_000000702093_00088_44731_8190.N1	20-SEP-2010 01:24:59	Dark	69.500	1	9Alp CMa	-1.4400	11000.	139	44731	No
13	GOM_NL__2PRFIN20100920_012657_000000522093_00088_44731_8191.N1	20-SEP-2010 01:26:57	Dark	52.000	23	21Eps CMa	1.5020	26000.	104	44731	No
14	GOM_NL__2PRFIN20100920_013300_000000472093_00089_44732_8187.N1	20-SEP-2010 01:33:00	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	44732	No
15	GOM_NL__2PRFIN20100920_014432_000000442093_00089_44732_8188.N1	20-SEP-2010 01:44:32	Dark	44.000	9	Alp Eri	0.45300	24000.	88	44732	No
16	GOM_NL__2PRFIN20100920_015011_000000452093_00089_44732_8189.N1	20-SEP-2010 01:50:11	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	44732	No
17	GOM_NL__2PRFIN20100920_015737_000000572093_00089_44732_8190.N1	20-SEP-2010 01:57:37	Twilight_and_stray	57.000	52	16Bet Cet	2.0370	4500.0	114	44732	No
18	GOM_NL__2PRFIN20100920_020814_000000392093_00089_44732_8191.N1	20-SEP-2010 02:08:14	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	44732	No
19	GOM_NL__2PRFIN20100920_021201_000000392093_00089_44732_8192.N1	20-SEP-2010 02:12:01	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	44732	No
20	GOM_NL__2PRFIN20100920_021344_000000462093_00089_44732_8193.N1	20-SEP-2010 02:13:44	Bright	45.500	58	21Alp And	2.0730	11000.	91	44732	No
21	GOM_NL__2PRFIN20100920_022206_000000422093_00089_44732_8194.N1	20-SEP-2010 02:22:06	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	44732	No
22	GOM_NL__2PRFIN20100920_022347_000000432093_00089_44732_8195.N1	20-SEP-2010 02:23:47	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	44732	No
23	GOM_NL__2PRFIN20100920_024651_000000482093_00089_44732_8196.N1	20-SEP-2010 02:46:51	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	44732	No
24	GOM_NL__2PRFIN20100920_025557_000000672093_00089_44732_8197.N1	20-SEP-2010 02:55:57	Dark	67.000	8	10Alp CMi	0.40000	6500.0	134	44732	No
25	GOM_NL__2PRFIN20100920_030320_000000432093_00089_44732_8198.N1	20-SEP-2010 03:03:20	Dark	43.000	132	15Rho Pup	2.8030	6900.0	86	44732	No
26	GOM_NL__2PRFIN20100920_030536_000000642093_00089_44732_8199.N1	20-SEP-2010 03:05:36	Dark	63.500	1	9Alp CMa	-1.4400	11000.	127	44732	No
27	GOM_NL__2PRFIN20100920_030734_000000472093_00089_44732_8200.N1	20-SEP-2010 03:07:34	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	44732	No
28	GOM_NL__2PRFIN20100920_032509_000000472093_00090_44733_8196.N1	20-SEP-2010 03:25:09	Dark	46.500	9	Alp Eri	0.45300	24000.	93	44733	No
29	GOM_NL__2PRFIN20100920_033047_000000482093_00090_44733_8197.N1	20-SEP-2010 03:30:47	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	44733	No
30	GOM_NL__2PRFIN20100920_033813_000000572093_00090_44733_8198.N1	20-SEP-2010 03:38:13	Twilight_and_stray	56.500	52	16Bet Cet	2.0370	4500.0	113	44733	No
31	GOM_NL__2PRFIN20100920_034850_000000392093_00090_44733_8199.N1	20-SEP-2010 03:48:50	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	44733	No
32	GOM_NL__2PRFIN20100920_035237_000000372093_00090_44733_8200.N1	20-SEP-2010 03:52:37	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	44733	No
33	GOM_NL__2PRFIN20100920_035419_000000472093_00090_44733_8201.N1	20-SEP-2010 03:54:19	Bright	46.500	58	21Alp And	2.0730	11000.	93	44733	No
34	GOM_NL__2PRFIN20100920_040241_000000392093_00090_44733_8202.N1	20-SEP-2010 04:02:41	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	44733	No
35	GOM_NL__2PRFIN20100920_040422_000000422093_00090_44733_8203.N1	20-SEP-2010 04:04:22	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	44733	No
36	GOM_NL__2PRFIN20100920_042727_000000632093_00090_44733_8204.N1	20-SEP-2010 04:27:27	Bright	63.000	24	66Alp Gem	1.5800	10200.	126	44733	No
37	GOM_NL__2PRFIN20100920_043633_000000552093_00090_44733_8205.N1	20-SEP-2010 04:36:33	Dark	54.500	8	10Alp CMi	0.40000	6500.0	109	44733	No
38	GOM_NL__2PRFIN20100920_044356_000000422093_00090_44733_8206.N1	20-SEP-2010 04:43:56	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	44733	No
39	GOM_NL__2PRFIN20100920_044613_000000632093_00090_44733_8207.N1	20-SEP-2010 04:46:13	Dark	63.000	1	9Alp CMa	-1.4400	11000.	126	44733	No
40	GOM_NL__2PRFIN20100920_044811_000000462093_00090_44733_8208.N1	20-SEP-2010 04:48:11	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	44733	No
41	GOM_NL__2PRFIN20100920_045413_000000552093_00091_44734_8216.N1	20-SEP-2010 04:54:13	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	44734	No
42	GOM_NL__2PRFIN20100920_050545_000000452093_00091_44734_8217.N1	20-SEP-2010 05:05:45	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44734	No

43	GOM_NL__2PRFIN20100920_051124_000000482093_00091_44734_8218.N1	20-SEP-2010 05:11:24	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	44734	No
44	GOM_NL__2PRFIN20100920_051849_000000562093_00091_44734_8219.N1	20-SEP-2010 05:18:49	Tw_i_and_stray	56.000	52	16Bet Cet	2.0370	4500.0	112	44734	No
45	GOM_NL__2PRFIN20100920_052925_000000392093_00091_44734_8220.N1	20-SEP-2010 05:29:25	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	44734	No
46	GOM_NL__2PRFIN20100920_053313_000000412093_00091_44734_8221.N1	20-SEP-2010 05:33:13	Bright	41.000	93	53Bet Peg	2.5200	3100.0	82	44734	No
47	GOM_NL__2PRFIN20100920_053455_000000452093_00091_44734_8222.N1	20-SEP-2010 05:34:55	Bright	45.000	58	21Alp And	2.0730	11000.	90	44734	No
48	GOM_NL__2PRFIN20100920_054317_000000422093_00091_44734_8223.N1	20-SEP-2010 05:43:17	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	44734	No
49	GOM_NL__2PRFIN20100920_054458_000000412093_00091_44734_8224.N1	20-SEP-2010 05:44:58	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	44734	No
50	GOM_NL__2PRFIN20100920_060803_000000462093_00091_44734_8225.N1	20-SEP-2010 06:08:03	Bright	46.000	24	66Alp Gem	1.5800	10200.	92	44734	No
51	GOM_NL__2PRFIN20100920_061710_000000562093_00091_44734_8226.N1	20-SEP-2010 06:17:10	Dark	56.000	8	10Alp CMi	0.40000	6500.0	112	44734	No
52	GOM_NL__2PRFIN20100920_062433_000000412093_00091_44734_8227.N1	20-SEP-2010 06:24:33	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	44734	No
53	GOM_NL__2PRFIN20100920_062650_000000632093_00091_44734_8228.N1	20-SEP-2010 06:26:50	Dark	62.500	1	9Alp CMa	-1.4400	11000.	125	44734	No
54	GOM_NL__2PRFIN20100920_062848_000000512093_00091_44734_8229.N1	20-SEP-2010 06:28:48	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	44734	No
55	GOM_NL__2PRFIN20100920_063450_000000582093_00092_44735_8228.N1	20-SEP-2010 06:34:50	Dark	58.000	2	Alp Car	-0.73600	7000.0	116	44735	No
56	GOM_NL__2PRFIN20100920_064622_000000512093_00092_44735_8229.N1	20-SEP-2010 06:46:22	Dark	50.500	9	Alp Eri	0.45300	24000.	101	44735	No
57	GOM_NL__2PRFIN20100920_065200_000000532093_00092_44735_8230.N1	20-SEP-2010 06:52:00	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	44735	No
58	GOM_NL__2PRFIN20100920_065926_000000552093_00092_44735_8231.N1	20-SEP-2010 06:59:26	Tw_i_and_stray	54.500	52	16Bet Cet	2.0370	4500.0	109	44735	No
59	GOM_NL__2PRFIN20100920_071001_000000392093_00092_44735_8232.N1	20-SEP-2010 07:10:01	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	44735	No
60	GOM_NL__2PRFIN20100920_071349_000000392093_00092_44735_8233.N1	20-SEP-2010 07:13:49	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	44735	No
61	GOM_NL__2PRFIN20100920_071530_000000442093_00092_44735_8234.N1	20-SEP-2010 07:15:30	Bright	44.000	58	21Alp And	2.0730	11000.	88	44735	No
62	GOM_NL__2PRFIN20100920_072352_000000412093_00092_44735_8235.N1	20-SEP-2010 07:23:52	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	44735	No
63	GOM_NL__2PRFIN20100920_072533_000000422093_00092_44735_8236.N1	20-SEP-2010 07:25:33	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44735	No
64	GOM_NL__2PRFIN20100920_074839_000000562093_00092_44735_8237.N1	20-SEP-2010 07:48:39	Bright	55.500	24	66Alp Gem	1.5800	10200.	111	44735	No
65	GOM_NL__2PRFIN20100920_075747_000000662093_00092_44735_8238.N1	20-SEP-2010 07:57:47	Dark	66.000	8	10Alp CMi	0.40000	6500.0	132	44735	No
66	GOM_NL__2PRFIN20100920_080509_000000402093_00092_44735_8239.N1	20-SEP-2010 08:05:09	Dark	39.500	132	15Rho Pup	2.8030	6900.0	79	44735	No
67	GOM_NL__2PRFIN20100920_080727_000000702093_00092_44735_8240.N1	20-SEP-2010 08:07:27	Dark	69.500	1	9Alp CMa	-1.4400	11000.	139	44735	No
68	GOM_NL__2PRFIN20100920_080925_000000512093_00092_44735_8241.N1	20-SEP-2010 08:09:25	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	44735	No
69	GOM_NL__2PRFIN20100920_081526_000000562093_00093_44736_8254.N1	20-SEP-2010 08:15:26	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	44736	No
70	GOM_NL__2PRFIN20100920_082658_000000532093_00093_44736_8255.N1	20-SEP-2010 08:26:58	Dark	53.000	9	Alp Eri	0.45300	24000.	106	44736	No
71	GOM_NL__2PRFIN20100920_083236_000000452093_00093_44736_8256.N1	20-SEP-2010 08:32:36	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	44736	No
72	GOM_NL__2PRFIN20100920_084002_000000602093_00093_44736_8257.N1	20-SEP-2010 08:40:02	Tw_i_and_stray	59.500	52	16Bet Cet	2.0370	4500.0	119	44736	No
73	GOM_NL__2PRFIN20100920_085037_000000392093_00093_44736_8258.N1	20-SEP-2010 08:50:37	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	44736	No
74	GOM_NL__2PRFIN20100920_085425_000000402093_00093_44736_8259.N1	20-SEP-2010 08:54:25	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	44736	No
75	GOM_NL__2PRFIN20100920_085605_000000452093_00093_44736_8260.N1	20-SEP-2010 08:56:05	Bright	45.000	58	21Alp And	2.0730	11000.	90	44736	No
76	GOM_NL__2PRFIN20100920_090428_000000412093_00093_44736_8261.N1	20-SEP-2010 09:04:28	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44736	No
77	GOM_NL__2PRFIN20100920_090608_000000412093_00093_44736_8262.N1	20-SEP-2010 09:06:08	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	44736	No
78	GOM_NL__2PRFIN20100920_092915_000000472093_00093_44736_8263.N1	20-SEP-2010 09:29:15	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	44736	No
79	GOM_NL__2PRFIN20100920_093823_000000582093_00093_44736_8264.N1	20-SEP-2010 09:38:23	Dark	58.000	8	10Alp CMi	0.40000	6500.0	116	44736	No
80	GOM_NL__2PRFIN20100920_094546_000000392093_00093_44736_8265.N1	20-SEP-2010 09:45:46	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	44736	No
81	GOM_NL__2PRFIN20100920_094805_000000632093_00093_44736_8266.N1	20-SEP-2010 09:48:05	Dark	63.000	1	9Alp CMa	-1.4400	11000.	126	44736	No
82	GOM_NL__2PRFIN20100920_095002_000000472093_00093_44736_8267.N1	20-SEP-2010 09:50:02	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	44736	No
83	GOM_NL__2PRFIN20100920_095603_000000562093_00094_44737_8294.N1	20-SEP-2010 09:56:03	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	44737	No
84	GOM_NL__2PRFIN20100920_100735_000000552093_00094_44737_8295.N1	20-SEP-2010 10:07:35	Dark	54.500	9	Alp Eri	0.45300	24000.	109	44737	No
85	GOM_NL__2PRFIN20100920_101313_000000492093_00094_44737_8296.N1	20-SEP-2010 10:13:13	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	44737	No
86	GOM_NL__2PRFIN20100920_102038_000000552093_00094_44737_8297.N1	20-SEP-2010 10:20:38	Tw_i_and_stray	54.500	52	16Bet Cet	2.0370	4500.0	109	44737	No
87	GOM_NL__2PRFIN20100920_103113_000000382093_00094_44737_8298.N1	20-SEP-2010 10:31:13	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	44737	No
88	GOM_NL__2PRFIN20100920_103500_000000392093_00094_44737_8299.N1	20-SEP-2010 10:35:00	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	44737	No
89	GOM_NL__2PRFIN20100920_103641_000000462093_00094_44737_8300.N1	20-SEP-2010 10:36:41	Bright	45.500	58	21Alp And	2.0730	11000.	91	44737	No
90	GOM_NL__2PRFIN20100920_104503_000000422093_00094_44737_8301.N1	20-SEP-2010 10:45:03	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	44737	No
91	GOM_NL__2PRFIN20100920_104644_000000422093_00094_44737_8302.N1	20-SEP-2010 10:46:44	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44737	No
92	GOM_NL__2PRFIN20100920_110951_000000472093_00094_44737_8303.N1	20-SEP-2010 11:09:51	Bright	46.500	24	66Alp Gem	1.5800	10200.	93	44737	No
93	GOM_NL__2PRFIN20100920_111900_000000642093_00094_44737_8304.N1	20-SEP-2010 11:19:00	Dark	63.500	8	10Alp CMi	0.40000	6500.0	127	44737	No
94	GOM_NL__2PRFIN20100920_112622_000000442093_00094_44737_8305.N1	20-SEP-2010 11:26:22	Dark	43.500	132	15Rho Pup	2.8030	6900.0	87	44737	No
95	GOM_NL__2PRFIN20100920_112842_000000642093_00094_44737_8306.N1	20-SEP-2010 11:28:42	Dark	63.500	1	9Alp CMa	-1.4400	11000.	127	44737	No
96	GOM_NL__2PRFIN20100920_113039_000000502093_00094_44737_8307.N1	20-SEP-2010 11:30:39	Dark	50.000	23	21Eps CMa	1.5020	26000.	100	44737	No
97	GOM_NL__2PRFIN20100920_113639_000000582093_00095_44738_8324.N1	20-SEP-2010 11:36:39	Dark	58.000	2	Alp Car	-0.73600	7000.0	116	44738	No
98	GOM_NL__2PRFIN20100920_114811_000000442093_00095_44738_8325.N1	20-SEP-2010 11:48:11	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44738	No
99	GOM_NL__2PRFIN20100920_115349_000000462093_00095_44738_8326.N1	20-SEP-2010 11:53:49	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	44738	No
100	GOM_NL__2PRFIN20100920_120114_000000532093_00095_44738_8327.N1	20-SEP-2010 12:01:14	Tw_i_and_stray	53.000	52	16Bet Cet	2.0370	4500.0	106	44738	No
101	GOM_NL__2PRFIN20100920_121149_000000382093_00095_44738_8328.N1	20-SEP-2010 12:11:49	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	44738	No

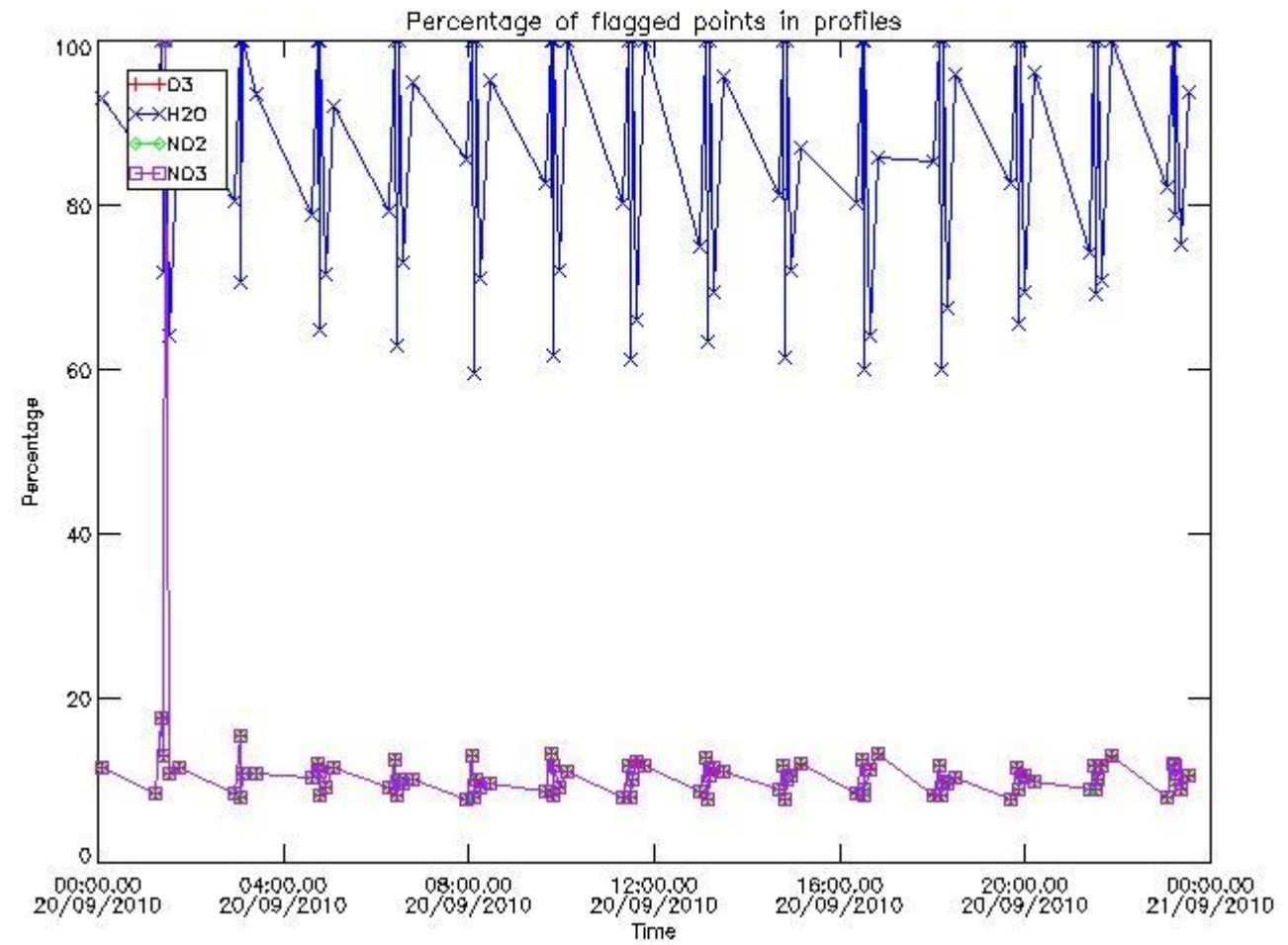
102	GOM_NL__2PRFIN20100920_121536_000000402093_00095_44738_8329.N1	20-SEP-2010 12:15:36	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	44738	No
103	GOM_NL__2PRFIN20100920_121716_000000432093_00095_44738_8330.N1	20-SEP-2010 12:17:16	Bright	43.000	58	21Alp And	2.0730	11000.	86	44738	No
104	GOM_NL__2PRFIN20100920_122539_000000412093_00095_44738_8331.N1	20-SEP-2010 12:25:39	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44738	No
105	GOM_NL__2PRFIN20100920_122719_000000442093_00095_44738_8332.N1	20-SEP-2010 12:27:19	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	44738	No
106	GOM_NL__2PRFIN20100920_125027_000000482093_00095_44738_8333.N1	20-SEP-2010 12:50:27	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	44738	No
107	GOM_NL__2PRFIN20100920_125936_000000592093_00095_44738_8334.N1	20-SEP-2010 12:59:36	Dark	58.500	8	10Alp CMi	0.40000	6500.0	117	44738	No
108	GOM_NL__2PRFIN20100920_130659_000000402093_00095_44738_8335.N1	20-SEP-2010 13:06:59	Dark	40.000	132	15Rho Pup	2.8030	6900.0	80	44738	No
109	GOM_NL__2PRFIN20100920_130919_000000662093_00095_44738_8336.N1	20-SEP-2010 13:09:19	Dark	66.000	1	9Alp CMa	-1.4400	11000.	132	44738	No
110	GOM_NL__2PRFIN20100920_131115_000000482093_00095_44738_8337.N1	20-SEP-2010 13:11:15	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	44738	No
111	GOM_NL__2PRFIN20100920_131716_000000452093_00096_44739_8376.N1	20-SEP-2010 13:17:16	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	44739	No
112	GOM_NL__2PRFIN20100920_132847_000000462093_00096_44739_8377.N1	20-SEP-2010 13:28:47	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44739	No
113	GOM_NL__2PRFIN20100920_133425_000000452093_00096_44739_8378.N1	20-SEP-2010 13:34:25	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	44739	No
114	GOM_NL__2PRFIN20100920_134150_000000532093_00096_44739_8379.N1	20-SEP-2010 13:41:50	Tw_i_and_stray	53.000	52	16Bet Cet	2.0370	4500.0	106	44739	No
115	GOM_NL__2PRFIN20100920_135224_000000382093_00096_44739_8380.N1	20-SEP-2010 13:52:24	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	44739	No
116	GOM_NL__2PRFIN20100920_135612_000000422093_00096_44739_8381.N1	20-SEP-2010 13:56:12	Bright	41.500	93	53Bet Peg	2.5200	3100.0	83	44739	No
117	GOM_NL__2PRFIN20100920_135751_000000462093_00096_44739_8382.N1	20-SEP-2010 13:57:51	Bright	45.500	58	21Alp And	2.0730	11000.	91	44739	No
118	GOM_NL__2PRFIN20100920_140614_000000402093_00096_44739_8383.N1	20-SEP-2010 14:06:14	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	44739	No
119	GOM_NL__2PRFIN20100920_140755_000000422093_00096_44739_8384.N1	20-SEP-2010 14:07:55	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44739	No
120	GOM_NL__2PRFIN20100920_143104_000000472093_00096_44739_8385.N1	20-SEP-2010 14:31:04	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	44739	No
121	GOM_NL__2PRFIN20100920_144013_000000572093_00096_44739_8386.N1	20-SEP-2010 14:40:13	Dark	56.500	8	10Alp CMi	0.40000	6500.0	113	44739	No
122	GOM_NL__2PRFIN20100920_144735_000000442093_00096_44739_8387.N1	20-SEP-2010 14:47:35	Dark	43.500	132	15Rho Pup	2.8030	6900.0	87	44739	No
123	GOM_NL__2PRFIN20100920_144956_000000672093_00096_44739_8388.N1	20-SEP-2010 14:49:56	Dark	66.500	1	9Alp CMa	-1.4400	11000.	133	44739	No
124	GOM_NL__2PRFIN20100920_145152_000000512093_00096_44739_8389.N1	20-SEP-2010 14:51:52	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	44739	No
125	GOM_NL__2PRFIN20100920_145752_000000582093_00097_44740_8437.N1	20-SEP-2010 14:57:52	Dark	57.500	2	Alp Car	-0.73600	7000.0	115	44740	No
126	GOM_NL__2PRFIN20100920_150924_000000432093_00097_44740_8438.N1	20-SEP-2010 15:09:24	Dark	42.500	9	Alp Eri	0.45300	24000.	85	44740	No
127	GOM_NL__2PRFIN20100920_151501_000000422093_00097_44740_8439.N1	20-SEP-2010 15:15:01	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	44740	No
128	GOM_NL__2PRFIN20100920_152226_000000572093_00097_44740_8440.N1	20-SEP-2010 15:22:26	Tw_i_and_stray	57.000	52	16Bet Cet	2.0370	4500.0	114	44740	No
129	GOM_NL__2PRFIN20100920_153300_000000402093_00097_44740_8441.N1	20-SEP-2010 15:33:00	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	44740	No
130	GOM_NL__2PRFIN20100920_153647_000000402093_00097_44740_8442.N1	20-SEP-2010 15:36:47	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	44740	No
131	GOM_NL__2PRFIN20100920_153827_000000432093_00097_44740_8443.N1	20-SEP-2010 15:38:27	Bright	43.000	58	21Alp And	2.0730	11000.	86	44740	No
132	GOM_NL__2PRFIN20100920_154650_000000412093_00097_44740_8444.N1	20-SEP-2010 15:46:50	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44740	No
133	GOM_NL__2PRFIN20100920_154830_000000402093_00097_44740_8445.N1	20-SEP-2010 15:48:30	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	44740	No
134	GOM_NL__2PRFIN20100920_161140_000000482093_00097_44740_8446.N1	20-SEP-2010 16:11:40	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	44740	No
135	GOM_NL__2PRFIN20100920_162049_000000612093_00097_44740_8447.N1	20-SEP-2010 16:20:49	Dark	61.000	8	10Alp CMi	0.40000	6500.0	122	44740	No
136	GOM_NL__2PRFIN20100920_162812_000000412093_00097_44740_8448.N1	20-SEP-2010 16:28:12	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	44740	No
137	GOM_NL__2PRFIN20100920_163033_000000632093_00097_44740_8449.N1	20-SEP-2010 16:30:33	Dark	63.000	1	9Alp CMa	-1.4400	11000.	126	44740	No
138	GOM_NL__2PRFIN20100920_163229_000000572093_00097_44740_8450.N1	20-SEP-2010 16:32:29	Dark	57.000	23	21Eps CMa	1.5020	26000.	114	44740	No
139	GOM_NL__2PRFIN20100920_163829_000000452093_00098_44741_8442.N1	20-SEP-2010 16:38:29	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	44741	No
140	GOM_NL__2PRFIN20100920_165000_000000432093_00098_44741_8443.N1	20-SEP-2010 16:50:00	Dark	42.500	9	Alp Eri	0.45300	24000.	85	44741	No
141	GOM_NL__2PRFIN20100920_165538_000000472093_00098_44741_8444.N1	20-SEP-2010 16:55:38	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	44741	No
142	GOM_NL__2PRFIN20100920_170302_000000602093_00098_44741_8445.N1	20-SEP-2010 17:03:02	Tw_i_and_stray	59.500	52	16Bet Cet	2.0370	4500.0	119	44741	No
143	GOM_NL__2PRFIN20100920_171336_000000392093_00098_44741_8446.N1	20-SEP-2010 17:13:36	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	44741	No
144	GOM_NL__2PRFIN20100920_171723_000000392093_00098_44741_8447.N1	20-SEP-2010 17:17:23	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	44741	No
145	GOM_NL__2PRFIN20100920_171902_000000452093_00098_44741_8448.N1	20-SEP-2010 17:19:02	Bright	44.500	58	21Alp And	2.0730	11000.	89	44741	No
146	GOM_NL__2PRFIN20100920_172725_000000412093_00098_44741_8449.N1	20-SEP-2010 17:27:25	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	44741	No
147	GOM_NL__2PRFIN20100920_172906_000000432093_00098_44741_8450.N1	20-SEP-2010 17:29:06	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	44741	No
148	GOM_NL__2PRFIN20100920_175216_000000482093_00098_44741_8451.N1	20-SEP-2010 17:52:16	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	44741	No
149	GOM_NL__2PRFIN20100920_180126_000000622093_00098_44741_8452.N1	20-SEP-2010 18:01:26	Dark	61.500	8	10Alp CMi	0.40000	6500.0	123	44741	No
150	GOM_NL__2PRFIN20100920_180848_000000442093_00098_44741_8453.N1	20-SEP-2010 18:08:48	Dark	43.500	132	15Rho Pup	2.8030	6900.0	87	44741	No
151	GOM_NL__2PRFIN20100920_181110_000000632093_00098_44741_8454.N1	20-SEP-2010 18:11:10	Dark	63.000	1	9Alp CMa	-1.4400	11000.	126	44741	No
152	GOM_NL__2PRFIN20100920_181306_000000522093_00098_44741_8455.N1	20-SEP-2010 18:13:06	Dark	51.500	23	21Eps CMa	1.5020	26000.	103	44741	No
153	GOM_NL__2PRFIN20100920_181906_000000582093_00099_44742_8500.N1	20-SEP-2010 18:19:06	Dark	57.500	2	Alp Car	-0.73600	7000.0	115	44742	No
154	GOM_NL__2PRFIN20100920_183037_000000492093_00099_44742_8501.N1	20-SEP-2010 18:30:37	Dark	49.000	9	Alp Eri	0.45300	24000.	98	44742	No
155	GOM_NL__2PRFIN20100920_183614_000000462093_00099_44742_8502.N1	20-SEP-2010 18:36:14	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	44742	No
156	GOM_NL__2PRFIN20100920_184338_000000572093_00099_44742_8503.N1	20-SEP-2010 18:43:38	Tw_i_and_stray	56.500	52	16Bet Cet	2.0370	4500.0	113	44742	No
157	GOM_NL__2PRFIN20100920_185412_000000392093_00099_44742_8504.N1	20-SEP-2010 18:54:12	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	44742	No
158	GOM_NL__2PRFIN20100920_185759_000000422093_00099_44742_8505.N1	20-SEP-2010 18:57:59	Bright	41.500	93	53Bet Peg	2.5200	3100.0	83	44742	No
159	GOM_NL__2PRFIN20100920_185938_000000462093_00099_44742_8506.N1	20-SEP-2010 18:59:38	Bright	45.500	58	21Alp And	2.0730	11000.	91	44742	No
160	GOM_NL__2PRFIN20100920_190801_000000402093_00099_44742_8507.N1	20-SEP-2010 19:08:01	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	44742	No

161	GOM_NL__2PRFIN20100920_190941_000000432093_00099_44742_8508.N1	20-SEP-2010 19:09:41	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	44742	No
162	GOM_NL__2PRFIN20100920_193252_000000662093_00099_44742_8509.N1	20-SEP-2010 19:32:52	Bright	66.000	24	66Alp Gem	1.5800	10200.	132	44742	No
163	GOM_NL__2PRFIN20100920_194203_000000672093_00099_44742_8510.N1	20-SEP-2010 19:42:03	Dark	67.000	8	10Alp CMi	0.40000	6500.0	134	44742	No
164	GOM_NL__2PRFIN20100920_194925_000000452093_00099_44742_8511.N1	20-SEP-2010 19:49:25	Dark	44.500	132	15Rho Pup	2.8030	6900.0	89	44742	No
165	GOM_NL__2PRFIN20100920_195148_000000572093_00099_44742_8512.N1	20-SEP-2010 19:51:48	Dark	57.000	1	9Alp CMa	-1.4400	11000.	114	44742	No
166	GOM_NL__2PRFIN20100920_195343_000000502093_00099_44742_8513.N1	20-SEP-2010 19:53:43	Dark	49.500	23	21Eps CMa	1.5020	26000.	99	44742	No
167	GOM_NL__2PRFIN20100920_195942_000000582093_00100_44743_8535.N1	20-SEP-2010 19:59:42	Dark	57.500	2	Alp Car	-0.73600	7000.0	115	44743	No
168	GOM_NL__2PRFIN20100920_201113_000000512093_00100_44743_8536.N1	20-SEP-2010 20:11:13	Dark	51.000	9	Alp Eri	0.45300	24000.	102	44743	No
169	GOM_NL__2PRFIN20100920_201650_000000482093_00100_44743_8537.N1	20-SEP-2010 20:16:50	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	44743	No
170	GOM_NL__2PRFIN20100920_202414_000000572093_00100_44743_8538.N1	20-SEP-2010 20:24:14	Tw_i_and_stray	56.500	52	16Bet Cet	2.0370	4500.0	113	44743	No
171	GOM_NL__2PRFIN20100920_203448_000000392093_00100_44743_8539.N1	20-SEP-2010 20:34:48	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	44743	No
172	GOM_NL__2PRFIN20100920_203835_000000382093_00100_44743_8540.N1	20-SEP-2010 20:38:35	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	44743	No
173	GOM_NL__2PRFIN20100920_204013_000000442093_00100_44743_8541.N1	20-SEP-2010 20:40:13	Bright	44.000	58	21Alp And	2.0730	11000.	88	44743	No
174	GOM_NL__2PRFIN20100920_204837_000000412093_00100_44743_8542.N1	20-SEP-2010 20:48:37	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44743	No
175	GOM_NL__2PRFIN20100920_205016_000000432093_00100_44743_8543.N1	20-SEP-2010 20:50:16	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	44743	No
176	GOM_NL__2PRFIN20100920_211328_000000462093_00100_44743_8544.N1	20-SEP-2010 21:13:28	Bright	45.500	24	66Alp Gem	1.5800	10200.	91	44743	No
177	GOM_NL__2PRFIN20100920_212239_000000562093_00100_44743_8545.N1	20-SEP-2010 21:22:39	Dark	56.000	8	10Alp CMi	0.40000	6500.0	112	44743	No
178	GOM_NL__2PRFIN20100920_213001_000000442093_00100_44743_8546.N1	20-SEP-2010 21:30:01	Dark	43.500	132	15Rho Pup	2.8030	6900.0	87	44743	No
179	GOM_NL__2PRFIN20100920_213225_000000572093_00100_44743_8547.N1	20-SEP-2010 21:32:25	Dark	57.000	1	9Alp CMa	-1.4400	11000.	114	44743	No
180	GOM_NL__2PRFIN20100920_213420_000000512093_00100_44743_8548.N1	20-SEP-2010 21:34:20	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	44743	No
181	GOM_NL__2PRFIN20100920_214019_000000442093_00101_44744_8551.N1	20-SEP-2010 21:40:19	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	44744	No
182	GOM_NL__2PRFIN20100920_215149_000000552093_00101_44744_8552.N1	20-SEP-2010 21:51:49	Dark	54.500	9	Alp Eri	0.45300	24000.	109	44744	No
183	GOM_NL__2PRFIN20100920_215727_000000462093_00101_44744_8553.N1	20-SEP-2010 21:57:27	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	44744	No
184	GOM_NL__2PRFIN20100920_220450_000000562093_00101_44744_8554.N1	20-SEP-2010 22:04:50	Tw_i_and_stray	56.000	52	16Bet Cet	2.0370	4500.0	112	44744	No
185	GOM_NL__2PRFIN20100920_221523_000000382093_00101_44744_8555.N1	20-SEP-2010 22:15:23	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	44744	No
186	GOM_NL__2PRFIN20100920_221911_000000382093_00101_44744_8556.N1	20-SEP-2010 22:19:11	Bright	37.500	93	53Bet Peg	2.5200	3100.0	75	44744	No
187	GOM_NL__2PRFIN20100920_222048_000000452093_00101_44744_8557.N1	20-SEP-2010 22:20:48	Bright	45.000	58	21Alp And	2.0730	11000.	90	44744	No
188	GOM_NL__2PRFIN20100920_222912_000000422093_00101_44744_8558.N1	20-SEP-2010 22:29:12	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	44744	No
189	GOM_NL__2PRFIN20100920_223052_000000442093_00101_44744_8559.N1	20-SEP-2010 22:30:52	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	44744	No
190	GOM_NL__2PRFIN20100920_225404_000000472093_00101_44744_8560.N1	20-SEP-2010 22:54:04	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	44744	No
191	GOM_NL__2PRFIN20100920_230315_000000652093_00101_44744_8561.N1	20-SEP-2010 23:03:15	Dark	64.500	8	10Alp CMi	0.40000	6500.0	129	44744	No
192	GOM_NL__2PRFIN20100920_231037_000000422093_00101_44744_8562.N1	20-SEP-2010 23:10:37	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	44744	No
193	GOM_NL__2PRFIN20100920_231302_000000502093_00101_44744_8563.N1	20-SEP-2010 23:13:02	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	44744	No
194	GOM_NL__2PRFIN20100920_231457_000000472093_00101_44744_8564.N1	20-SEP-2010 23:14:57	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	44744	No
195	GOM_NL__2PRFIN20100920_232055_000000572093_00102_44745_8564.N1	20-SEP-2010 23:20:55	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	44745	No
196	GOM_NL__2PRFIN20100920_233225_000000492093_00102_44745_8565.N1	20-SEP-2010 23:32:25	Dark	48.500	9	Alp Eri	0.45300	24000.	97	44745	No
197	GOM_NL__2PRFIN20100920_233803_000000482093_00102_44745_8566.N1	20-SEP-2010 23:38:03	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	44745	No
198	GOM_NL__2PRFIN20100920_234526_000000552093_00102_44745_8567.N1	20-SEP-2010 23:45:26	Tw_i_and_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	44745	No
199	GOM_NL__2PRFIN20100920_235559_000000392093_00102_44745_8568.N1	20-SEP-2010 23:55:59	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	44745	No
200	GOM_NL__2PRFIN20100920_235946_000000412093_00102_44745_8569.N1	20-SEP-2010 23:59:46	Bright	41.000	93	53Bet Peg	2.5200	3100.0	82	44745	No

3. Quality information per product

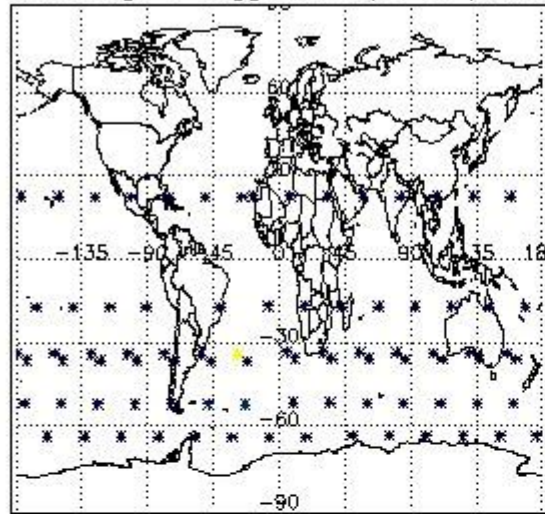
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

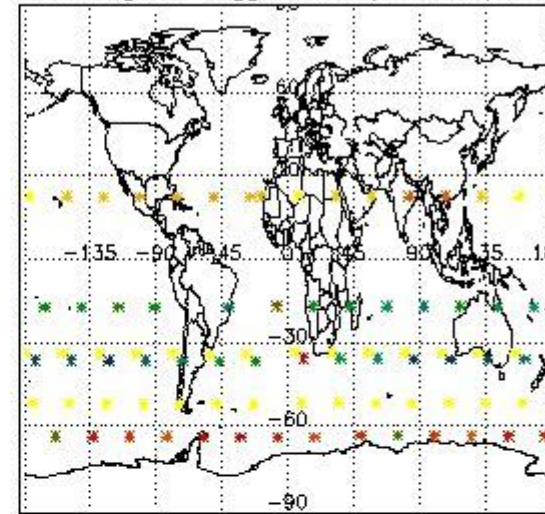


3.2 Plot quality information per product (world map)

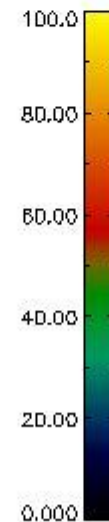
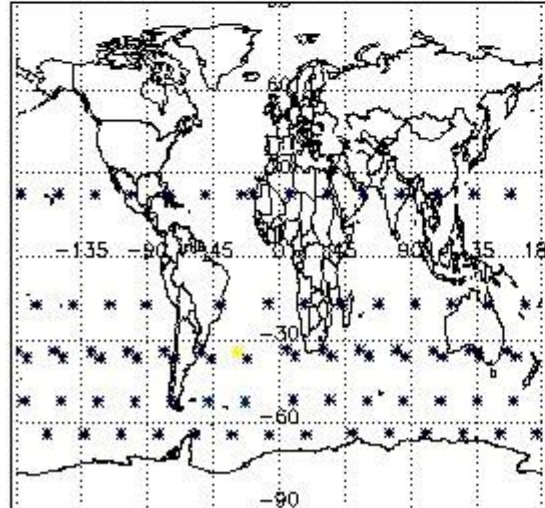
Percentage of flagged data per O3 profile



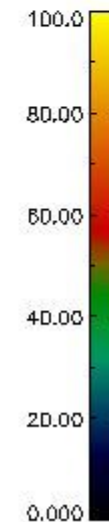
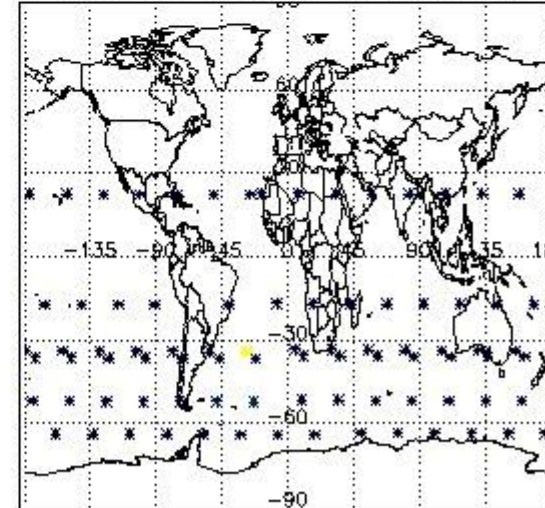
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

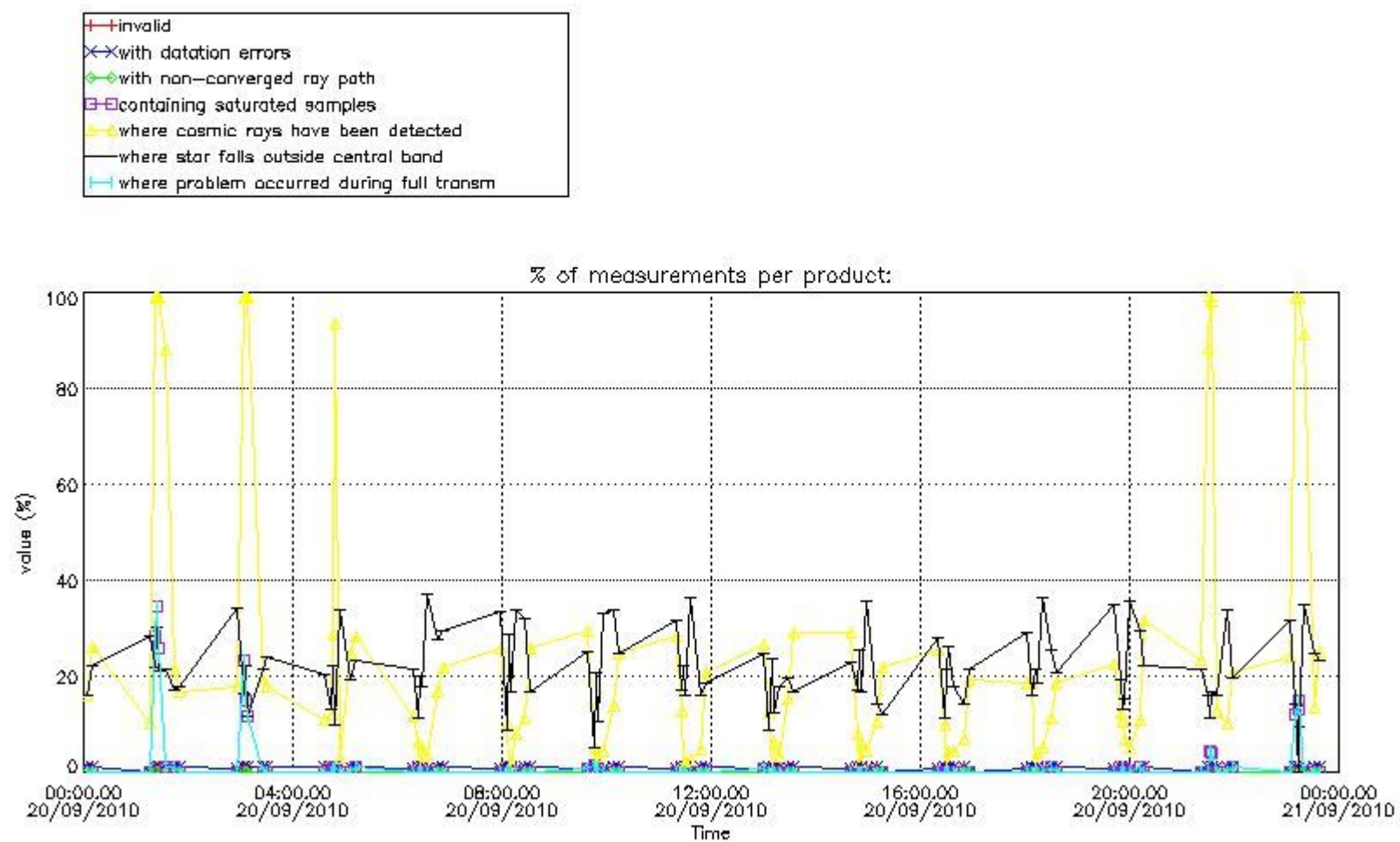


4. Level 1 quality information per product

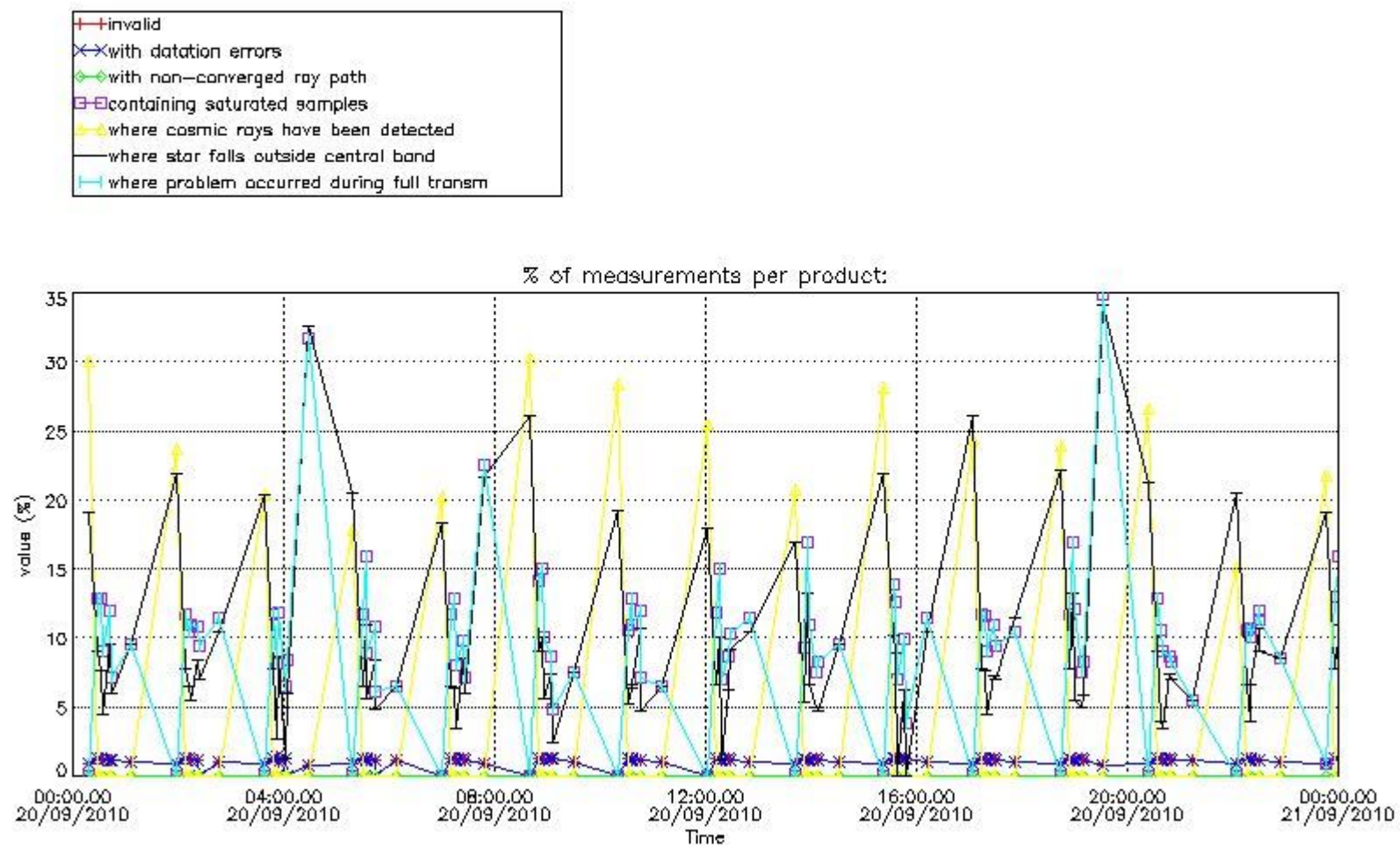
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



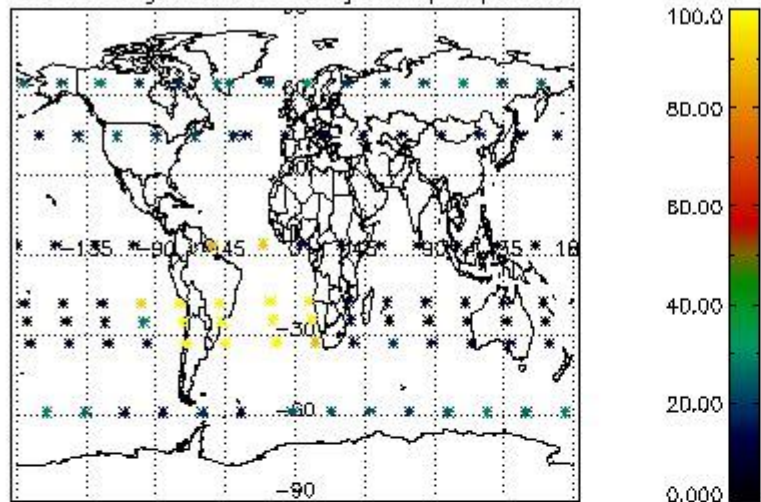
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



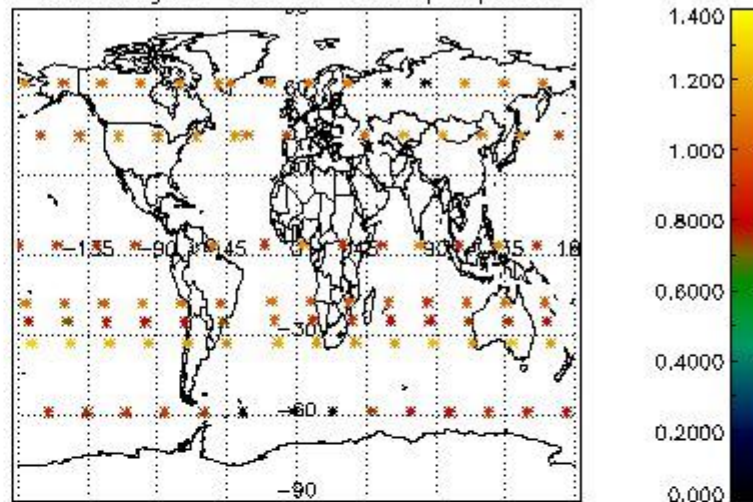
4.2 Plot quality information per product coming from level 1b processing (world map)

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

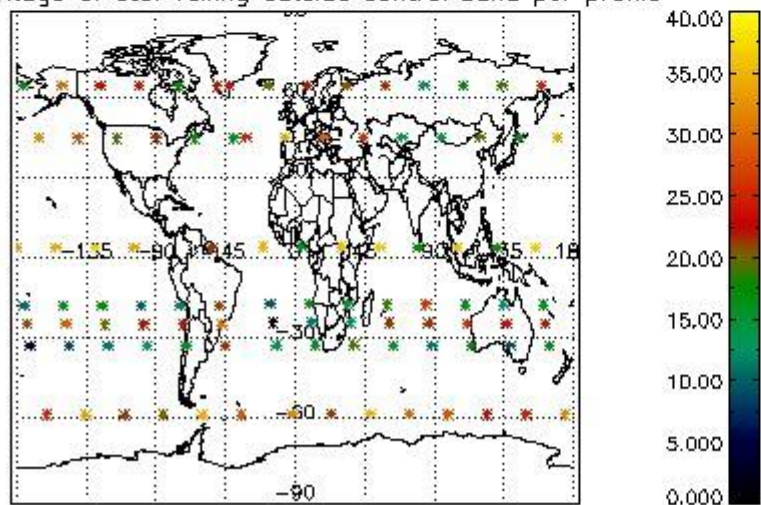
Percentage of cosmic ray hits per profile



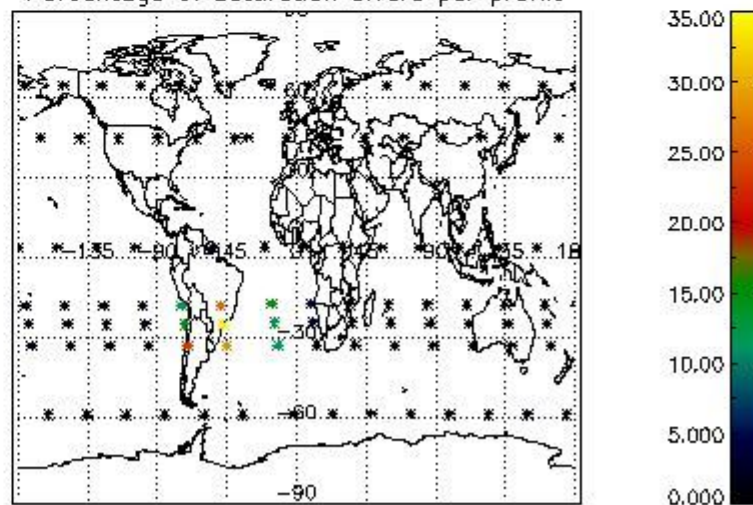
Percentage of datation errors per profile



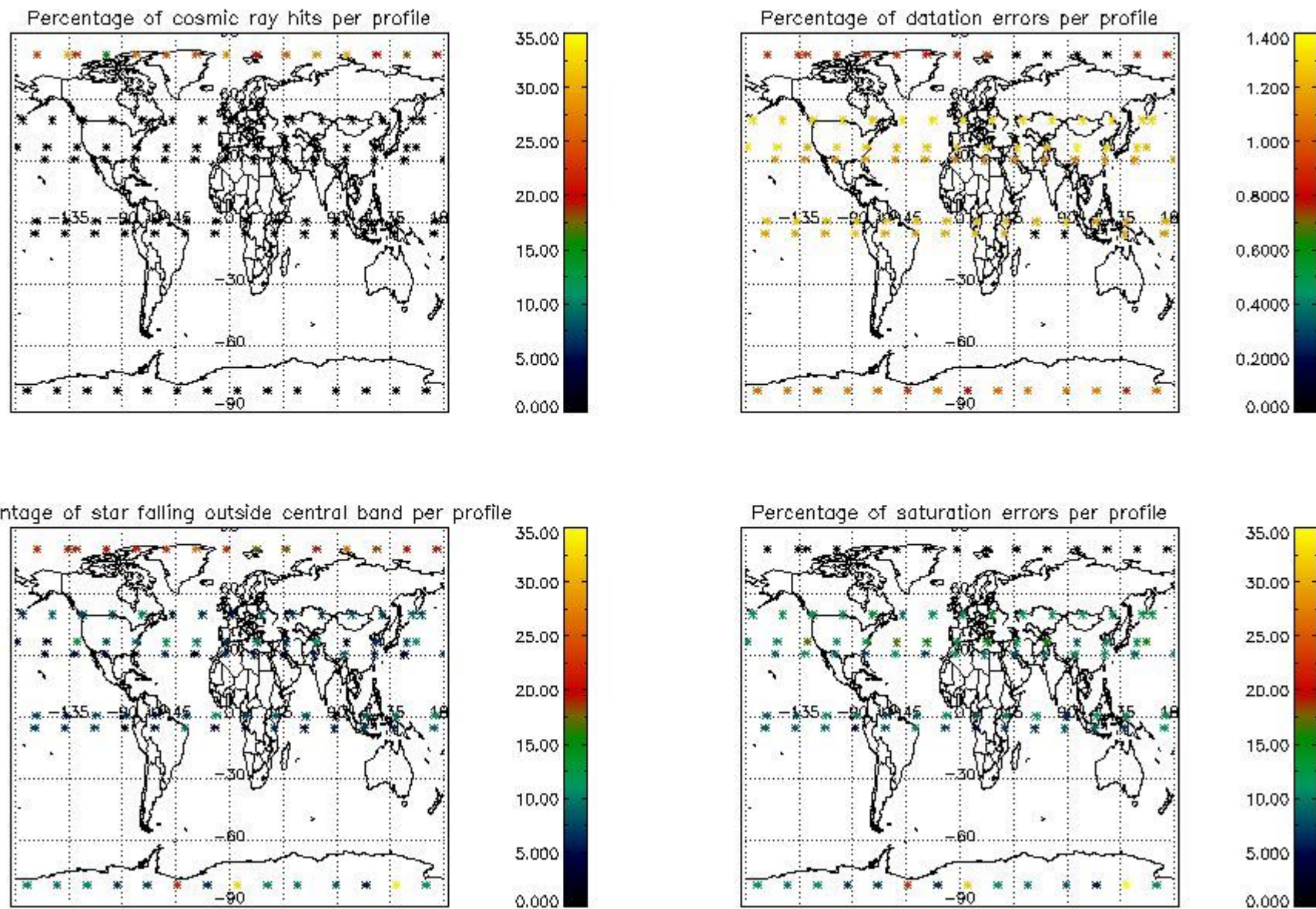
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

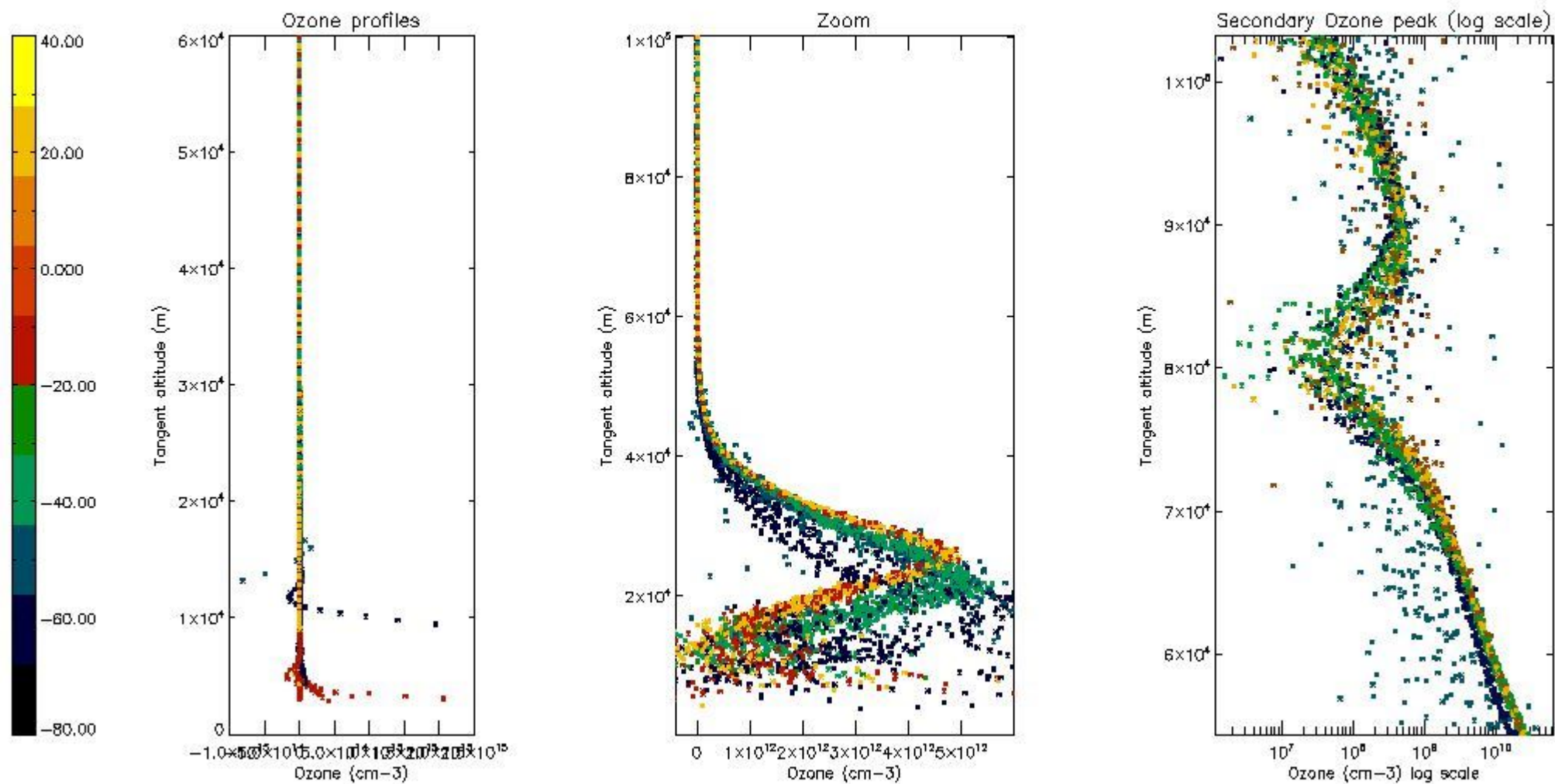
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	47
STD < 20	29

STD < 10	24
STD < 5	20

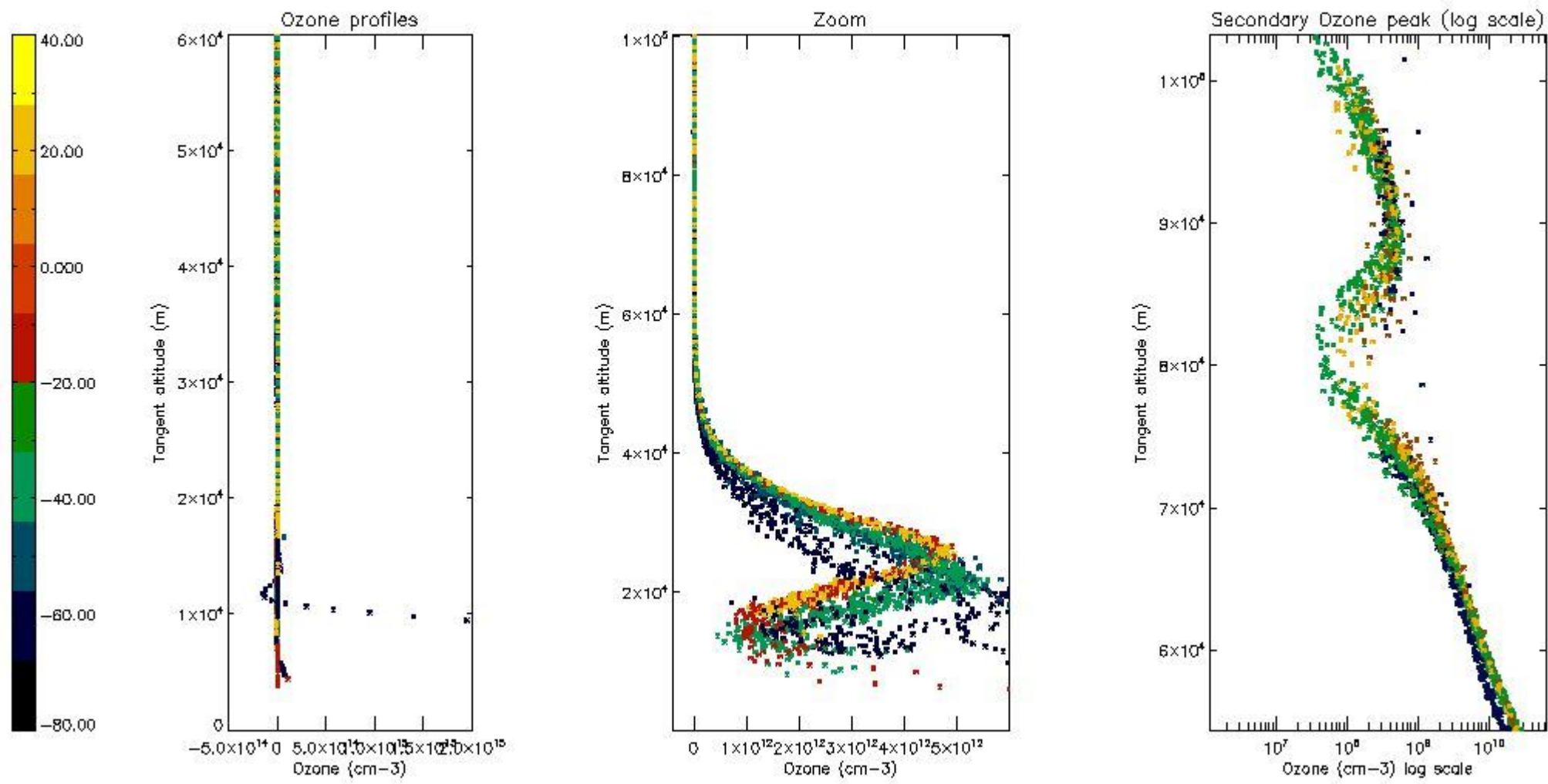
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



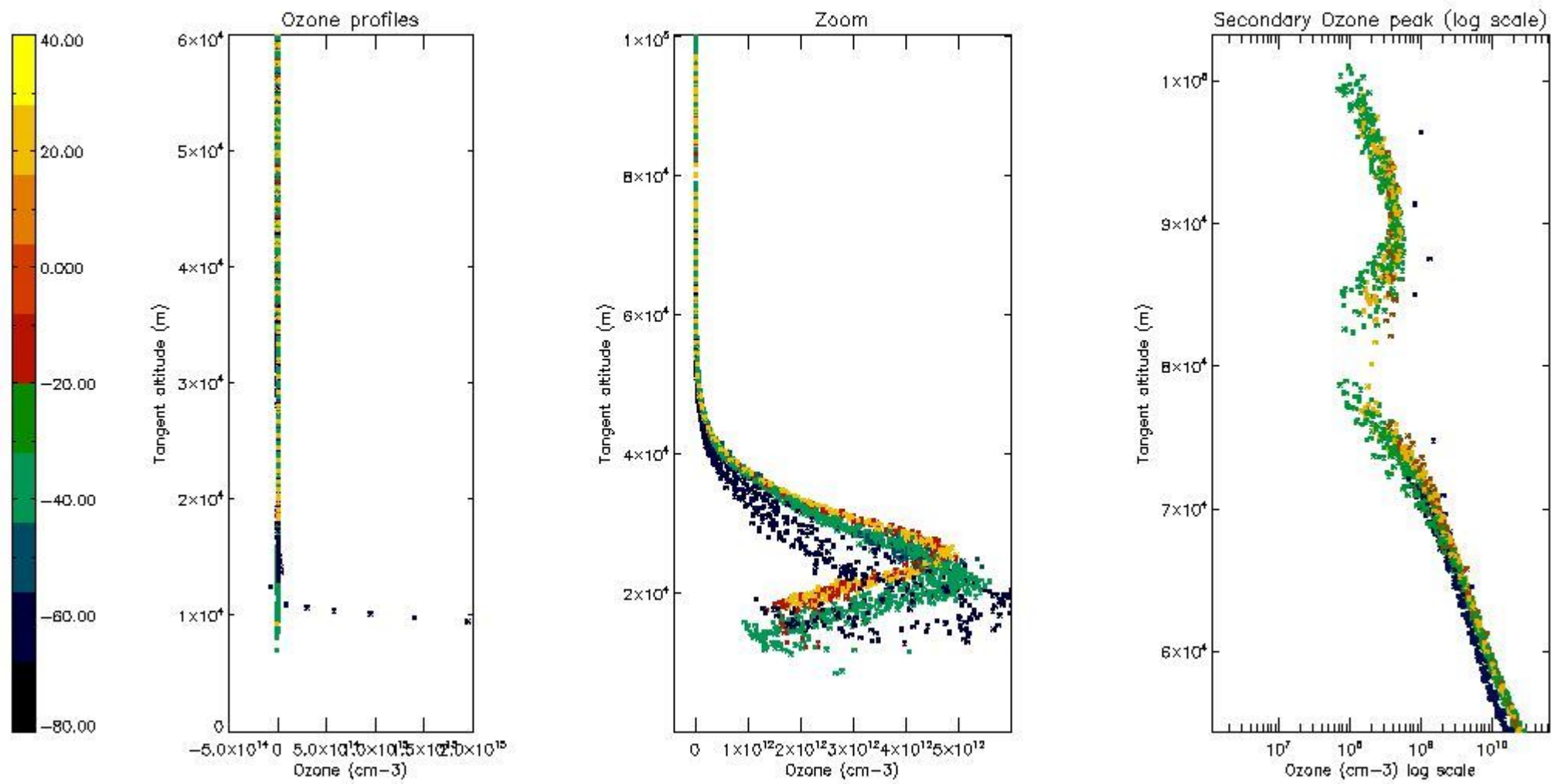
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



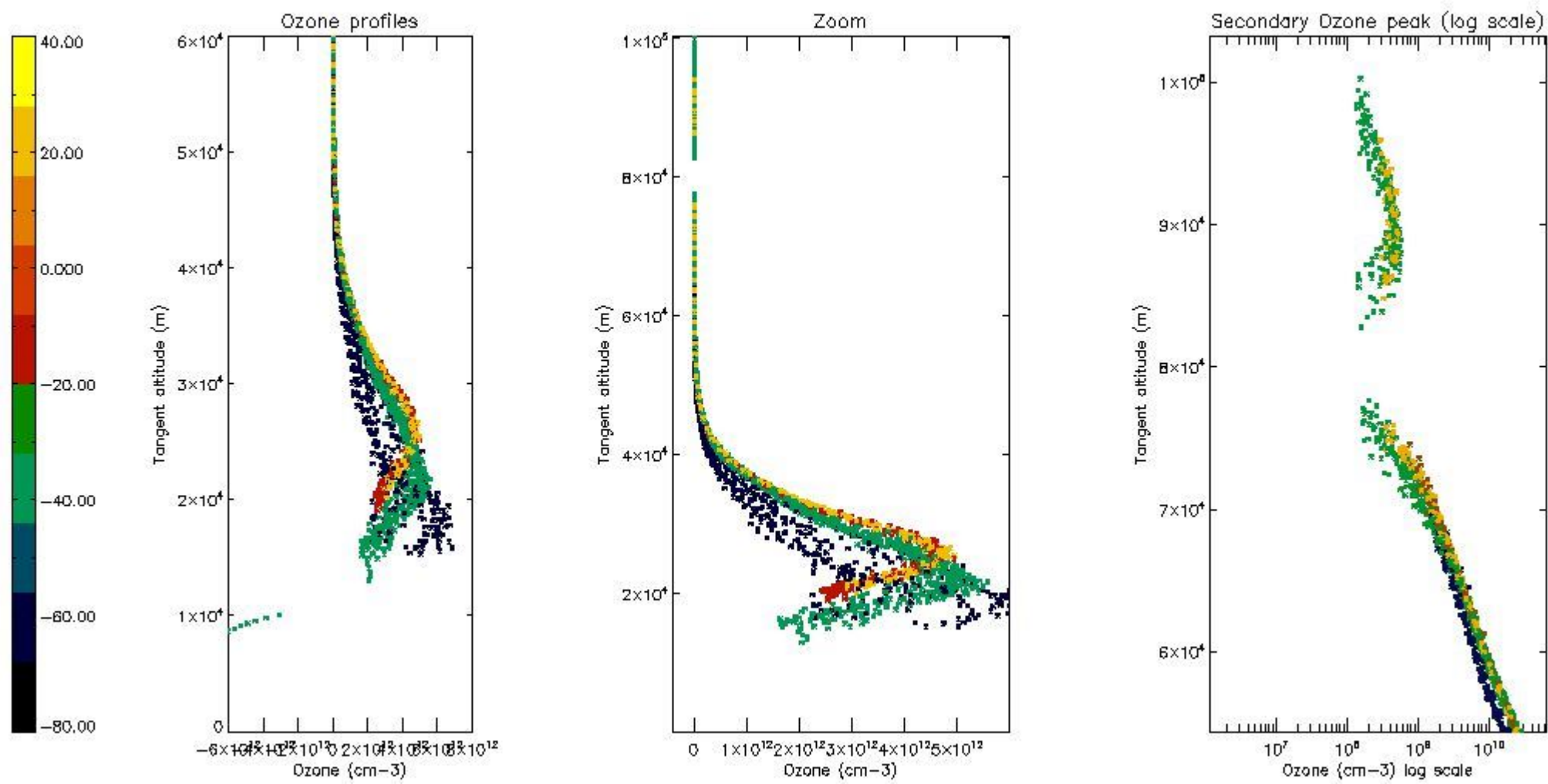
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



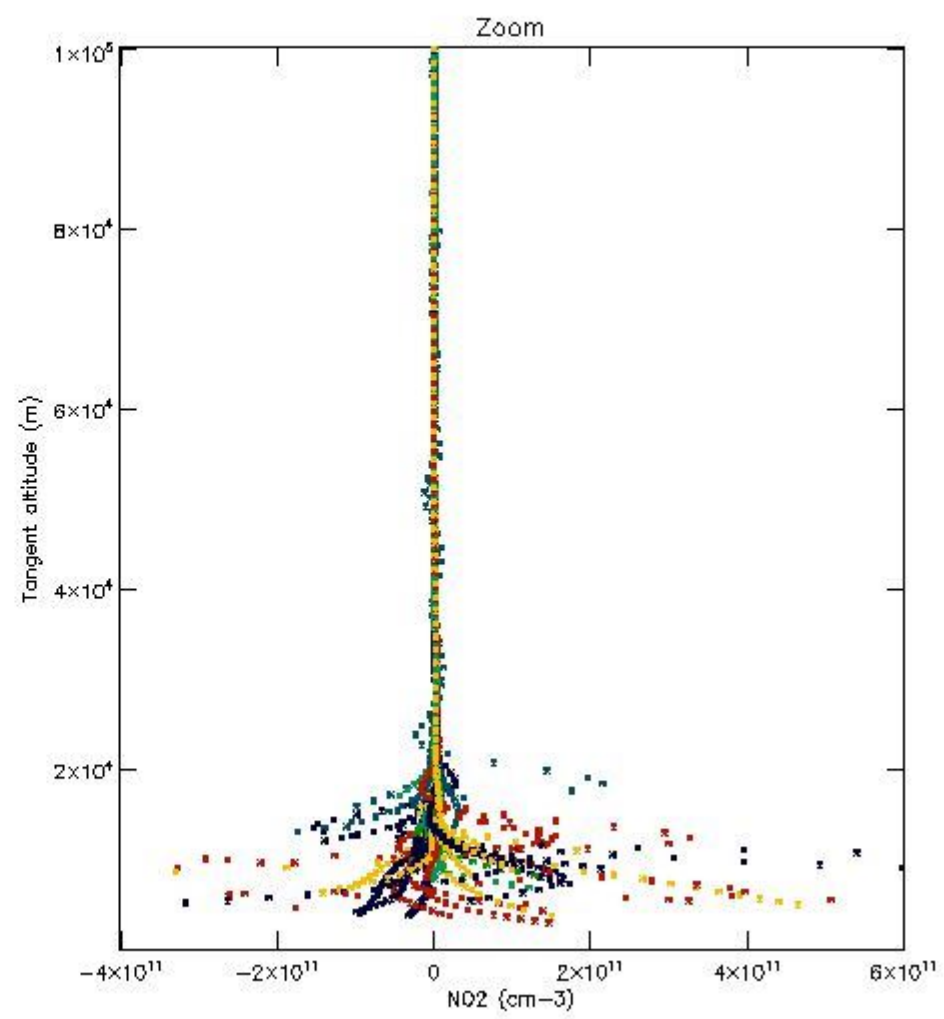
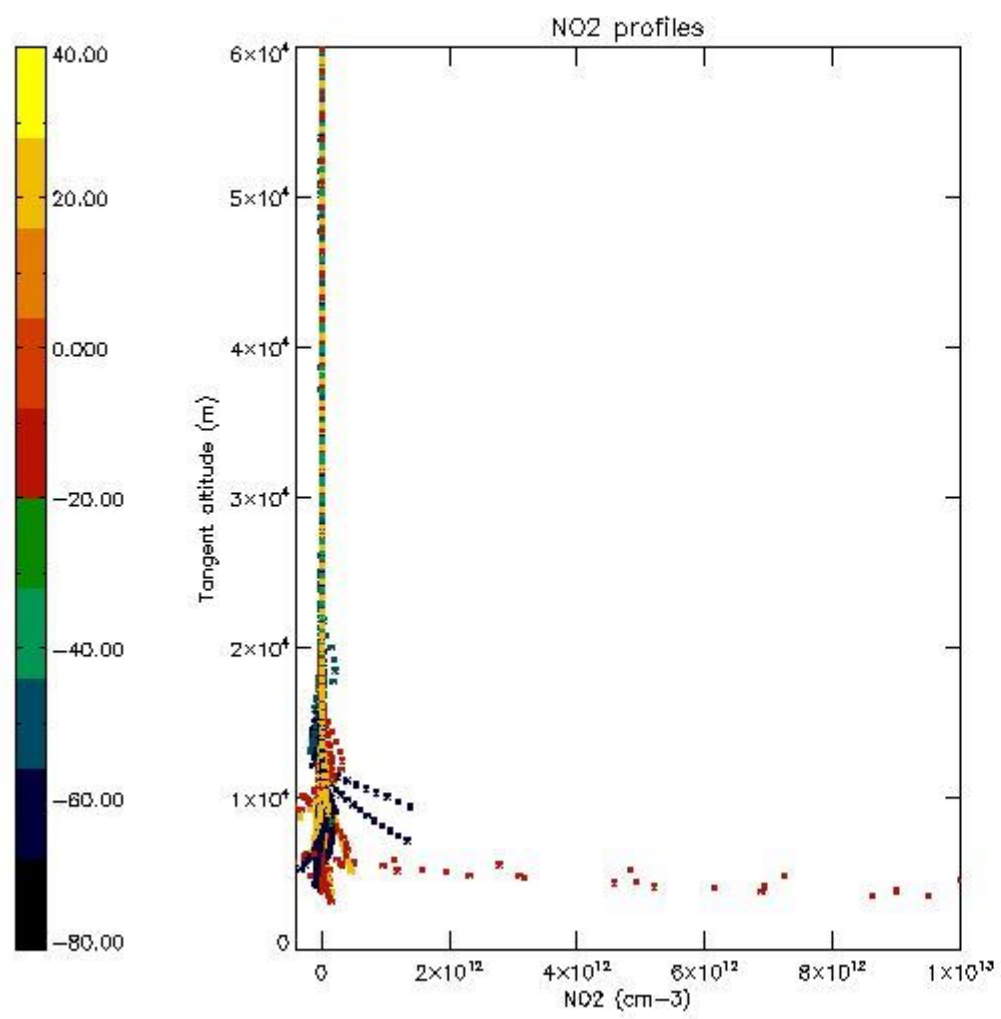
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



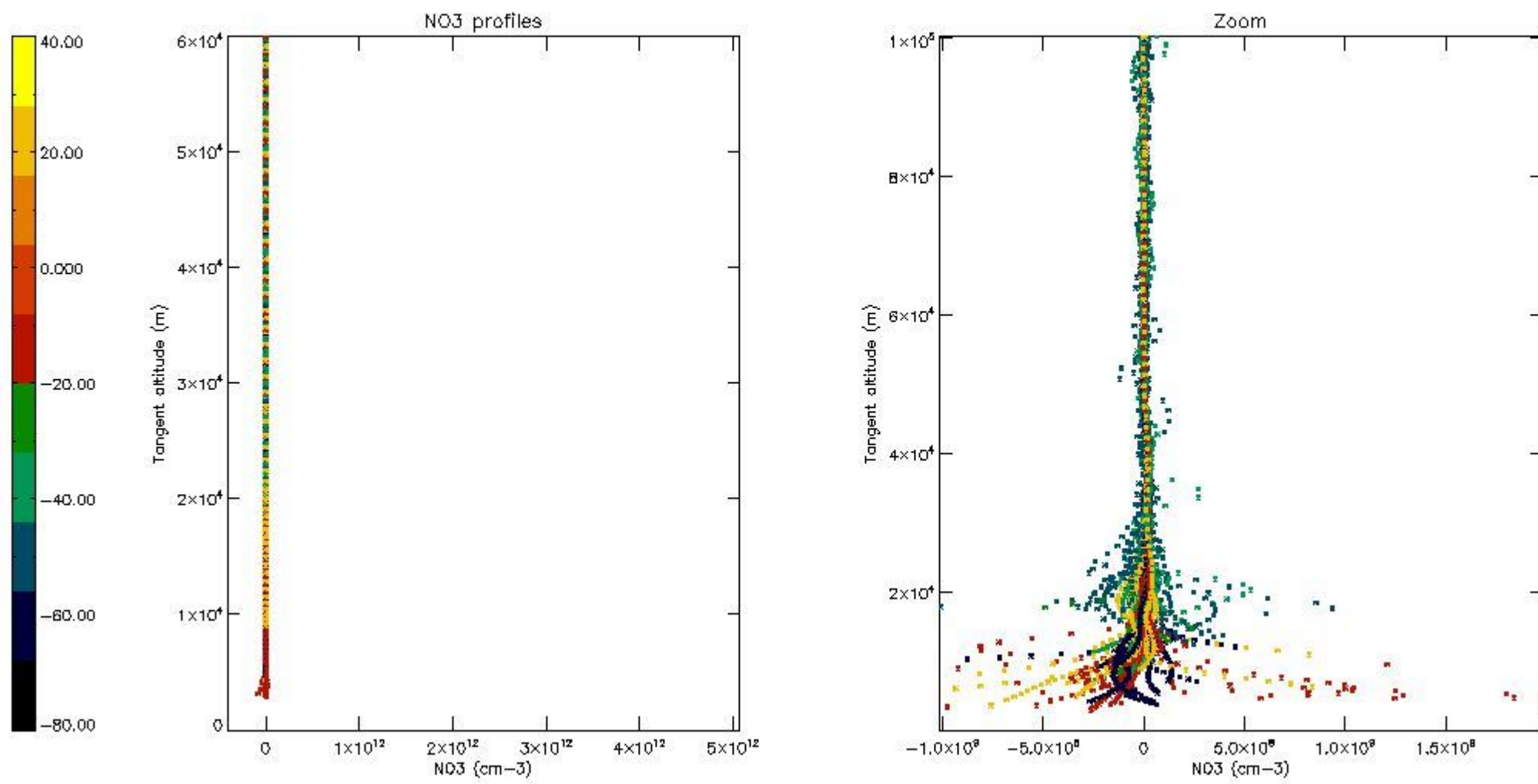
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



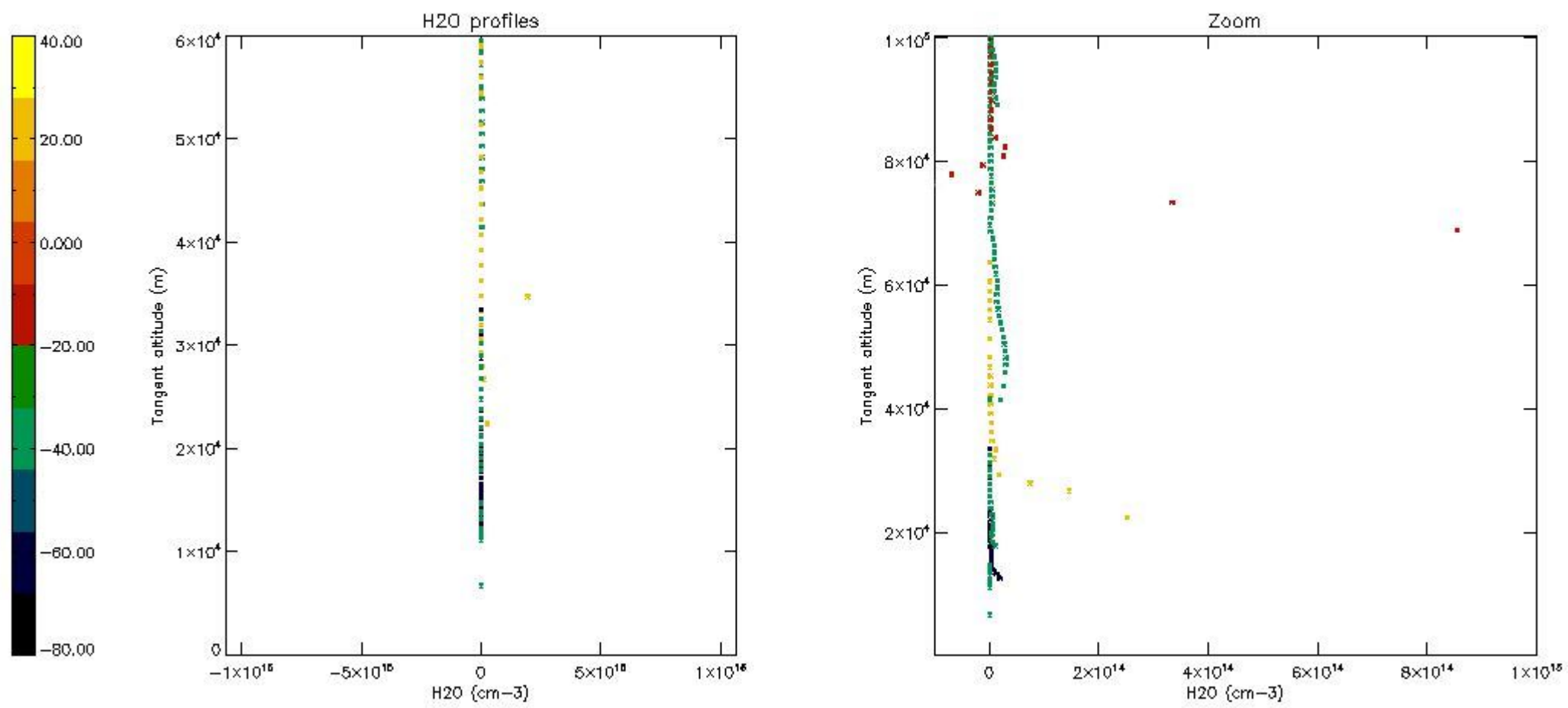
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	20-SEP-2010 00:03:56
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	20-SEP-2010 00:03:56
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	20-SEP-2010 00:03:56

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	29APR2013 15:18:50
Data source version	GOMOS/6.01
Start time of products	20-09-2010 (20SEP2010 00:00:00)
Stop time of products	21-09-2010 (21SEP2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	200
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__2PRFIN20100920_000356_000000442093_00088_44731_8179.N1	20-SEP-2010 00:03:56	Dark	44.000	9	Alp Eri	0.45300	24000.	88	44731	No
2	GOM_NL__2PRFIN20100920_000935_000000482093_00088_44731_8180.N1	20-SEP-2010 00:09:35	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	44731	No
3	GOM_NL__2PRFIN20100920_001701_000000552093_00088_44731_8181.N1	20-SEP-2010 00:17:01	Twilight_and_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	44731	No
4	GOM_NL__2PRFIN20100920_002738_000000392093_00088_44731_8182.N1	20-SEP-2010 00:27:38	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	44731	No
5	GOM_NL__2PRFIN20100920_003126_000000392093_00088_44731_8183.N1	20-SEP-2010 00:31:26	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	44731	No
6	GOM_NL__2PRFIN20100920_003309_000000452093_00088_44731_8184.N1	20-SEP-2010 00:33:09	Bright	44.500	58	21Alp And	2.0730	11000.	89	44731	No
7	GOM_NL__2PRFIN20100920_004130_000000422093_00088_44731_8185.N1	20-SEP-2010 00:41:30	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	44731	No
8	GOM_NL__2PRFIN20100920_004311_000000422093_00088_44731_8186.N1	20-SEP-2010 00:43:11	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44731	No
9	GOM_NL__2PRFIN20100920_010615_000000472093_00088_44731_8187.N1	20-SEP-2010 01:06:15	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	44731	No
10	GOM_NL__2PRFIN20100920_011520_000000602093_00088_44731_8188.N1	20-SEP-2010 01:15:20	Dark	60.000	8	10Alp CMi	0.40000	6500.0	120	44731	No
11	GOM_NL__2PRFIN20100920_012243_000000462093_00088_44731_8189.N1	20-SEP-2010 01:22:43	Dark	46.000	132	15Rho Pup	2.8030	6900.0	92	44731	No
12	GOM_NL__2PRFIN20100920_012459_000000702093_00088_44731_8190.N1	20-SEP-2010 01:24:59	Dark	69.500	1	9Alp CMa	-1.4400	11000.	139	44731	No
13	GOM_NL__2PRFIN20100920_012657_000000522093_00088_44731_8191.N1	20-SEP-2010 01:26:57	Dark	52.000	23	21Eps CMa	1.5020	26000.	104	44731	No
14	GOM_NL__2PRFIN20100920_013300_000000472093_00089_44732_8187.N1	20-SEP-2010 01:33:00	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	44732	No
15	GOM_NL__2PRFIN20100920_014432_000000442093_00089_44732_8188.N1	20-SEP-2010 01:44:32	Dark	44.000	9	Alp Eri	0.45300	24000.	88	44732	No
16	GOM_NL__2PRFIN20100920_015011_000000452093_00089_44732_8189.N1	20-SEP-2010 01:50:11	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	44732	No
17	GOM_NL__2PRFIN20100920_015737_000000572093_00089_44732_8190.N1	20-SEP-2010 01:57:37	Twilight_and_stray	57.000	52	16Bet Cet	2.0370	4500.0	114	44732	No
18	GOM_NL__2PRFIN20100920_020814_000000392093_00089_44732_8191.N1	20-SEP-2010 02:08:14	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	44732	No
19	GOM_NL__2PRFIN20100920_021201_000000392093_00089_44732_8192.N1	20-SEP-2010 02:12:01	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	44732	No
20	GOM_NL__2PRFIN20100920_021344_000000462093_00089_44732_8193.N1	20-SEP-2010 02:13:44	Bright	45.500	58	21Alp And	2.0730	11000.	91	44732	No
21	GOM_NL__2PRFIN20100920_022206_000000422093_00089_44732_8194.N1	20-SEP-2010 02:22:06	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	44732	No
22	GOM_NL__2PRFIN20100920_022347_000000432093_00089_44732_8195.N1	20-SEP-2010 02:23:47	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	44732	No
23	GOM_NL__2PRFIN20100920_024651_000000482093_00089_44732_8196.N1	20-SEP-2010 02:46:51	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	44732	No
24	GOM_NL__2PRFIN20100920_025557_000000672093_00089_44732_8197.N1	20-SEP-2010 02:55:57	Dark	67.000	8	10Alp CMi	0.40000	6500.0	134	44732	No
25	GOM_NL__2PRFIN20100920_030320_000000432093_00089_44732_8198.N1	20-SEP-2010 03:03:20	Dark	43.000	132	15Rho Pup	2.8030	6900.0	86	44732	No
26	GOM_NL__2PRFIN20100920_030536_000000642093_00089_44732_8199.N1	20-SEP-2010 03:05:36	Dark	63.500	1	9Alp CMa	-1.4400	11000.	127	44732	No
27	GOM_NL__2PRFIN20100920_030734_000000472093_00089_44732_8200.N1	20-SEP-2010 03:07:34	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	44732	No
28	GOM_NL__2PRFIN20100920_032509_000000472093_00090_44733_8196.N1	20-SEP-2010 03:25:09	Dark	46.500	9	Alp Eri	0.45300	24000.	93	44733	No
29	GOM_NL__2PRFIN20100920_033047_000000482093_00090_44733_8197.N1	20-SEP-2010 03:30:47	Straylight	48.000	84	Alp Phe	2.3970	4500.0	96	44733	No
30	GOM_NL__2PRFIN20100920_033813_000000572093_00090_44733_8198.N1	20-SEP-2010 03:38:13	Twilight_and_stray	56.500	52	16Bet Cet	2.0370	4500.0	113	44733	No
31	GOM_NL__2PRFIN20100920_034850_000000392093_00090_44733_8199.N1	20-SEP-2010 03:48:50	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	44733	No
32	GOM_NL__2PRFIN20100920_035237_000000372093_00090_44733_8200.N1	20-SEP-2010 03:52:37	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	44733	No
33	GOM_NL__2PRFIN20100920_035419_000000472093_00090_44733_8201.N1	20-SEP-2010 03:54:19	Bright	46.500	58	21Alp And	2.0730	11000.	93	44733	No
34	GOM_NL__2PRFIN20100920_040241_000000392093_00090_44733_8202.N1	20-SEP-2010 04:02:41	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	44733	No
35	GOM_NL__2PRFIN20100920_040422_000000422093_00090_44733_8203.N1	20-SEP-2010 04:04:22	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	44733	No
36	GOM_NL__2PRFIN20100920_042727_000000632093_00090_44733_8204.N1	20-SEP-2010 04:27:27	Bright	63.000	24	66Alp Gem	1.5800	10200.	126	44733	No
37	GOM_NL__2PRFIN20100920_043633_000000552093_00090_44733_8205.N1	20-SEP-2010 04:36:33	Dark	54.500	8	10Alp CMi	0.40000	6500.0	109	44733	No
38	GOM_NL__2PRFIN20100920_044356_000000422093_00090_44733_8206.N1	20-SEP-2010 04:43:56	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	44733	No
39	GOM_NL__2PRFIN20100920_044613_000000632093_00090_44733_8207.N1	20-SEP-2010 04:46:13	Dark	63.000	1	9Alp CMa	-1.4400	11000.	126	44733	No
40	GOM_NL__2PRFIN20100920_044811_000000462093_00090_44733_8208.N1	20-SEP-2010 04:48:11	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	44733	No
41	GOM_NL__2PRFIN20100920_045413_000000552093_00091_44734_8216.N1	20-SEP-2010 04:54:13	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	44734	No
42	GOM_NL__2PRFIN20100920_050545_000000452093_00091_44734_8217.N1	20-SEP-2010 05:05:45	Dark	44.500	9	Alp Eri	0.45300	24000.	89	44734	No

43	GOM_NL__2PRFIN20100920_051124_000000482093_00091_44734_8218.N1	20-SEP-2010 05:11:24	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	44734	No
44	GOM_NL__2PRFIN20100920_051849_000000562093_00091_44734_8219.N1	20-SEP-2010 05:18:49	Tw_i_and_stray	56.000	52	16Bet Cet	2.0370	4500.0	112	44734	No
45	GOM_NL__2PRFIN20100920_052925_000000392093_00091_44734_8220.N1	20-SEP-2010 05:29:25	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	44734	No
46	GOM_NL__2PRFIN20100920_053313_000000412093_00091_44734_8221.N1	20-SEP-2010 05:33:13	Bright	41.000	93	53Bet Peg	2.5200	3100.0	82	44734	No
47	GOM_NL__2PRFIN20100920_053455_000000452093_00091_44734_8222.N1	20-SEP-2010 05:34:55	Bright	45.000	58	21Alp And	2.0730	11000.	90	44734	No
48	GOM_NL__2PRFIN20100920_054317_000000422093_00091_44734_8223.N1	20-SEP-2010 05:43:17	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	44734	No
49	GOM_NL__2PRFIN20100920_054458_000000412093_00091_44734_8224.N1	20-SEP-2010 05:44:58	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	44734	No
50	GOM_NL__2PRFIN20100920_060803_000000462093_00091_44734_8225.N1	20-SEP-2010 06:08:03	Bright	46.000	24	66Alp Gem	1.5800	10200.	92	44734	No
51	GOM_NL__2PRFIN20100920_061710_000000562093_00091_44734_8226.N1	20-SEP-2010 06:17:10	Dark	56.000	8	10Alp CMi	0.40000	6500.0	112	44734	No
52	GOM_NL__2PRFIN20100920_062433_000000412093_00091_44734_8227.N1	20-SEP-2010 06:24:33	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	44734	No
53	GOM_NL__2PRFIN20100920_062650_000000632093_00091_44734_8228.N1	20-SEP-2010 06:26:50	Dark	62.500	1	9Alp CMa	-1.4400	11000.	125	44734	No
54	GOM_NL__2PRFIN20100920_062848_000000512093_00091_44734_8229.N1	20-SEP-2010 06:28:48	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	44734	No
55	GOM_NL__2PRFIN20100920_063450_000000582093_00092_44735_8228.N1	20-SEP-2010 06:34:50	Dark	58.000	2	Alp Car	-0.73600	7000.0	116	44735	No
56	GOM_NL__2PRFIN20100920_064622_000000512093_00092_44735_8229.N1	20-SEP-2010 06:46:22	Dark	50.500	9	Alp Eri	0.45300	24000.	101	44735	No
57	GOM_NL__2PRFIN20100920_065200_000000532093_00092_44735_8230.N1	20-SEP-2010 06:52:00	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	44735	No
58	GOM_NL__2PRFIN20100920_065926_000000552093_00092_44735_8231.N1	20-SEP-2010 06:59:26	Tw_i_and_stray	54.500	52	16Bet Cet	2.0370	4500.0	109	44735	No
59	GOM_NL__2PRFIN20100920_071001_000000392093_00092_44735_8232.N1	20-SEP-2010 07:10:01	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	44735	No
60	GOM_NL__2PRFIN20100920_071349_000000392093_00092_44735_8233.N1	20-SEP-2010 07:13:49	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	44735	No
61	GOM_NL__2PRFIN20100920_071530_000000442093_00092_44735_8234.N1	20-SEP-2010 07:15:30	Bright	44.000	58	21Alp And	2.0730	11000.	88	44735	No
62	GOM_NL__2PRFIN20100920_072352_000000412093_00092_44735_8235.N1	20-SEP-2010 07:23:52	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	44735	No
63	GOM_NL__2PRFIN20100920_072533_000000422093_00092_44735_8236.N1	20-SEP-2010 07:25:33	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44735	No
64	GOM_NL__2PRFIN20100920_074839_000000562093_00092_44735_8237.N1	20-SEP-2010 07:48:39	Bright	55.500	24	66Alp Gem	1.5800	10200.	111	44735	No
65	GOM_NL__2PRFIN20100920_075747_000000662093_00092_44735_8238.N1	20-SEP-2010 07:57:47	Dark	66.000	8	10Alp CMi	0.40000	6500.0	132	44735	No
66	GOM_NL__2PRFIN20100920_080509_000000402093_00092_44735_8239.N1	20-SEP-2010 08:05:09	Dark	39.500	132	15Rho Pup	2.8030	6900.0	79	44735	No
67	GOM_NL__2PRFIN20100920_080727_000000702093_00092_44735_8240.N1	20-SEP-2010 08:07:27	Dark	69.500	1	9Alp CMa	-1.4400	11000.	139	44735	No
68	GOM_NL__2PRFIN20100920_080925_000000512093_00092_44735_8241.N1	20-SEP-2010 08:09:25	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	44735	No
69	GOM_NL__2PRFIN20100920_081526_000000562093_00093_44736_8254.N1	20-SEP-2010 08:15:26	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	44736	No
70	GOM_NL__2PRFIN20100920_082658_000000532093_00093_44736_8255.N1	20-SEP-2010 08:26:58	Dark	53.000	9	Alp Eri	0.45300	24000.	106	44736	No
71	GOM_NL__2PRFIN20100920_083236_000000452093_00093_44736_8256.N1	20-SEP-2010 08:32:36	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	44736	No
72	GOM_NL__2PRFIN20100920_084002_000000602093_00093_44736_8257.N1	20-SEP-2010 08:40:02	Tw_i_and_stray	59.500	52	16Bet Cet	2.0370	4500.0	119	44736	No
73	GOM_NL__2PRFIN20100920_085037_000000392093_00093_44736_8258.N1	20-SEP-2010 08:50:37	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	44736	No
74	GOM_NL__2PRFIN20100920_085425_000000402093_00093_44736_8259.N1	20-SEP-2010 08:54:25	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	44736	No
75	GOM_NL__2PRFIN20100920_085605_000000452093_00093_44736_8260.N1	20-SEP-2010 08:56:05	Bright	45.000	58	21Alp And	2.0730	11000.	90	44736	No
76	GOM_NL__2PRFIN20100920_090428_000000412093_00093_44736_8261.N1	20-SEP-2010 09:04:28	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44736	No
77	GOM_NL__2PRFIN20100920_090608_000000412093_00093_44736_8262.N1	20-SEP-2010 09:06:08	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	44736	No
78	GOM_NL__2PRFIN20100920_092915_000000472093_00093_44736_8263.N1	20-SEP-2010 09:29:15	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	44736	No
79	GOM_NL__2PRFIN20100920_093823_000000582093_00093_44736_8264.N1	20-SEP-2010 09:38:23	Dark	58.000	8	10Alp CMi	0.40000	6500.0	116	44736	No
80	GOM_NL__2PRFIN20100920_094546_000000392093_00093_44736_8265.N1	20-SEP-2010 09:45:46	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	44736	No
81	GOM_NL__2PRFIN20100920_094805_000000632093_00093_44736_8266.N1	20-SEP-2010 09:48:05	Dark	63.000	1	9Alp CMa	-1.4400	11000.	126	44736	No
82	GOM_NL__2PRFIN20100920_095002_000000472093_00093_44736_8267.N1	20-SEP-2010 09:50:02	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	44736	No
83	GOM_NL__2PRFIN20100920_095603_000000562093_00094_44737_8294.N1	20-SEP-2010 09:56:03	Dark	56.000	2	Alp Car	-0.73600	7000.0	112	44737	No
84	GOM_NL__2PRFIN20100920_100735_000000552093_00094_44737_8295.N1	20-SEP-2010 10:07:35	Dark	54.500	9	Alp Eri	0.45300	24000.	109	44737	No
85	GOM_NL__2PRFIN20100920_101313_000000492093_00094_44737_8296.N1	20-SEP-2010 10:13:13	Straylight	48.500	84	Alp Phe	2.3970	4500.0	97	44737	No
86	GOM_NL__2PRFIN20100920_102038_000000552093_00094_44737_8297.N1	20-SEP-2010 10:20:38	Tw_i_and_stray	54.500	52	16Bet Cet	2.0370	4500.0	109	44737	No
87	GOM_NL__2PRFIN20100920_103113_000000382093_00094_44737_8298.N1	20-SEP-2010 10:31:13	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	44737	No
88	GOM_NL__2PRFIN20100920_103500_000000392093_00094_44737_8299.N1	20-SEP-2010 10:35:00	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	44737	No
89	GOM_NL__2PRFIN20100920_103641_000000462093_00094_44737_8300.N1	20-SEP-2010 10:36:41	Bright	45.500	58	21Alp And	2.0730	11000.	91	44737	No
90	GOM_NL__2PRFIN20100920_104503_000000422093_00094_44737_8301.N1	20-SEP-2010 10:45:03	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	44737	No
91	GOM_NL__2PRFIN20100920_104644_000000422093_00094_44737_8302.N1	20-SEP-2010 10:46:44	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44737	No
92	GOM_NL__2PRFIN20100920_110951_000000472093_00094_44737_8303.N1	20-SEP-2010 11:09:51	Bright	46.500	24	66Alp Gem	1.5800	10200.	93	44737	No
93	GOM_NL__2PRFIN20100920_111900_000000642093_00094_44737_8304.N1	20-SEP-2010 11:19:00	Dark	63.500	8	10Alp CMi	0.40000	6500.0	127	44737	No
94	GOM_NL__2PRFIN20100920_112622_000000442093_00094_44737_8305.N1	20-SEP-2010 11:26:22	Dark	43.500	132	15Rho Pup	2.8030	6900.0	87	44737	No
95	GOM_NL__2PRFIN20100920_112842_000000642093_00094_44737_8306.N1	20-SEP-2010 11:28:42	Dark	63.500	1	9Alp CMa	-1.4400	11000.	127	44737	No
96	GOM_NL__2PRFIN20100920_113039_000000502093_00094_44737_8307.N1	20-SEP-2010 11:30:39	Dark	50.000	23	21Eps CMa	1.5020	26000.	100	44737	No
97	GOM_NL__2PRFIN20100920_113639_000000582093_00095_44738_8324.N1	20-SEP-2010 11:36:39	Dark	58.000	2	Alp Car	-0.73600	7000.0	116	44738	No
98	GOM_NL__2PRFIN20100920_114811_000000442093_00095_44738_8325.N1	20-SEP-2010 11:48:11	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44738	No
99	GOM_NL__2PRFIN20100920_115349_000000462093_00095_44738_8326.N1	20-SEP-2010 11:53:49	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	44738	No
100	GOM_NL__2PRFIN20100920_120114_000000532093_00095_44738_8327.N1	20-SEP-2010 12:01:14	Tw_i_and_stray	53.000	52	16Bet Cet	2.0370	4500.0	106	44738	No
101	GOM_NL__2PRFIN20100920_121149_000000382093_00095_44738_8328.N1	20-SEP-2010 12:11:49	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	44738	No

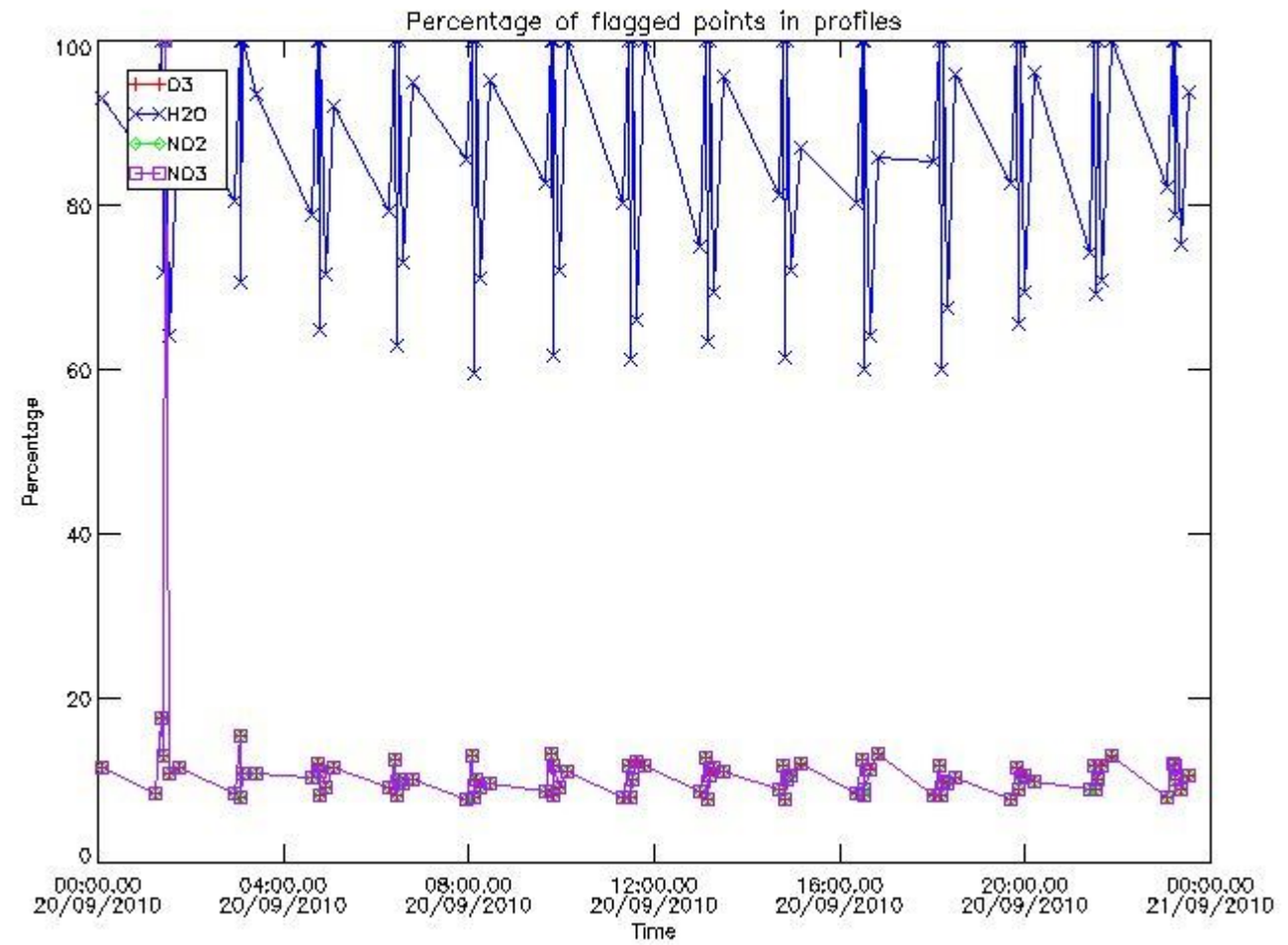
102	GOM_NL__2PRFIN20100920_121536_000000402093_00095_44738_8329.N1	20-SEP-2010 12:15:36	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	44738	No
103	GOM_NL__2PRFIN20100920_121716_000000432093_00095_44738_8330.N1	20-SEP-2010 12:17:16	Bright	43.000	58	21Alp And	2.0730	11000.	86	44738	No
104	GOM_NL__2PRFIN20100920_122539_000000412093_00095_44738_8331.N1	20-SEP-2010 12:25:39	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44738	No
105	GOM_NL__2PRFIN20100920_122719_000000442093_00095_44738_8332.N1	20-SEP-2010 12:27:19	Bright	43.500	76	27Gam Cas	2.3000	30000.	87	44738	No
106	GOM_NL__2PRFIN20100920_125027_000000482093_00095_44738_8333.N1	20-SEP-2010 12:50:27	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	44738	No
107	GOM_NL__2PRFIN20100920_125936_000000592093_00095_44738_8334.N1	20-SEP-2010 12:59:36	Dark	58.500	8	10Alp CMi	0.40000	6500.0	117	44738	No
108	GOM_NL__2PRFIN20100920_130659_000000402093_00095_44738_8335.N1	20-SEP-2010 13:06:59	Dark	40.000	132	15Rho Pup	2.8030	6900.0	80	44738	No
109	GOM_NL__2PRFIN20100920_130919_000000662093_00095_44738_8336.N1	20-SEP-2010 13:09:19	Dark	66.000	1	9Alp CMa	-1.4400	11000.	132	44738	No
110	GOM_NL__2PRFIN20100920_131115_000000482093_00095_44738_8337.N1	20-SEP-2010 13:11:15	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	44738	No
111	GOM_NL__2PRFIN20100920_131716_000000452093_00096_44739_8376.N1	20-SEP-2010 13:17:16	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	44739	No
112	GOM_NL__2PRFIN20100920_132847_000000462093_00096_44739_8377.N1	20-SEP-2010 13:28:47	Dark	45.500	9	Alp Eri	0.45300	24000.	91	44739	No
113	GOM_NL__2PRFIN20100920_133425_000000452093_00096_44739_8378.N1	20-SEP-2010 13:34:25	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	44739	No
114	GOM_NL__2PRFIN20100920_134150_000000532093_00096_44739_8379.N1	20-SEP-2010 13:41:50	Tw_i_and_stray	53.000	52	16Bet Cet	2.0370	4500.0	106	44739	No
115	GOM_NL__2PRFIN20100920_135224_000000382093_00096_44739_8380.N1	20-SEP-2010 13:52:24	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	44739	No
116	GOM_NL__2PRFIN20100920_135612_000000422093_00096_44739_8381.N1	20-SEP-2010 13:56:12	Bright	41.500	93	53Bet Peg	2.5200	3100.0	83	44739	No
117	GOM_NL__2PRFIN20100920_135751_000000462093_00096_44739_8382.N1	20-SEP-2010 13:57:51	Bright	45.500	58	21Alp And	2.0730	11000.	91	44739	No
118	GOM_NL__2PRFIN20100920_140614_000000402093_00096_44739_8383.N1	20-SEP-2010 14:06:14	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	44739	No
119	GOM_NL__2PRFIN20100920_140755_000000422093_00096_44739_8384.N1	20-SEP-2010 14:07:55	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	44739	No
120	GOM_NL__2PRFIN20100920_143104_000000472093_00096_44739_8385.N1	20-SEP-2010 14:31:04	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	44739	No
121	GOM_NL__2PRFIN20100920_144013_000000572093_00096_44739_8386.N1	20-SEP-2010 14:40:13	Dark	56.500	8	10Alp CMi	0.40000	6500.0	113	44739	No
122	GOM_NL__2PRFIN20100920_144735_000000442093_00096_44739_8387.N1	20-SEP-2010 14:47:35	Dark	43.500	132	15Rho Pup	2.8030	6900.0	87	44739	No
123	GOM_NL__2PRFIN20100920_144956_000000672093_00096_44739_8388.N1	20-SEP-2010 14:49:56	Dark	66.500	1	9Alp CMa	-1.4400	11000.	133	44739	No
124	GOM_NL__2PRFIN20100920_145152_000000512093_00096_44739_8389.N1	20-SEP-2010 14:51:52	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	44739	No
125	GOM_NL__2PRFIN20100920_145752_000000582093_00097_44740_8437.N1	20-SEP-2010 14:57:52	Dark	57.500	2	Alp Car	-0.73600	7000.0	115	44740	No
126	GOM_NL__2PRFIN20100920_150924_000000432093_00097_44740_8438.N1	20-SEP-2010 15:09:24	Dark	42.500	9	Alp Eri	0.45300	24000.	85	44740	No
127	GOM_NL__2PRFIN20100920_151501_000000422093_00097_44740_8439.N1	20-SEP-2010 15:15:01	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	44740	No
128	GOM_NL__2PRFIN20100920_152226_000000572093_00097_44740_8440.N1	20-SEP-2010 15:22:26	Tw_i_and_stray	57.000	52	16Bet Cet	2.0370	4500.0	114	44740	No
129	GOM_NL__2PRFIN20100920_153300_000000402093_00097_44740_8441.N1	20-SEP-2010 15:33:00	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	44740	No
130	GOM_NL__2PRFIN20100920_153647_000000402093_00097_44740_8442.N1	20-SEP-2010 15:36:47	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	44740	No
131	GOM_NL__2PRFIN20100920_153827_000000432093_00097_44740_8443.N1	20-SEP-2010 15:38:27	Bright	43.000	58	21Alp And	2.0730	11000.	86	44740	No
132	GOM_NL__2PRFIN20100920_154650_000000412093_00097_44740_8444.N1	20-SEP-2010 15:46:50	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44740	No
133	GOM_NL__2PRFIN20100920_154830_000000402093_00097_44740_8445.N1	20-SEP-2010 15:48:30	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	44740	No
134	GOM_NL__2PRFIN20100920_161140_000000482093_00097_44740_8446.N1	20-SEP-2010 16:11:40	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	44740	No
135	GOM_NL__2PRFIN20100920_162049_000000612093_00097_44740_8447.N1	20-SEP-2010 16:20:49	Dark	61.000	8	10Alp CMi	0.40000	6500.0	122	44740	No
136	GOM_NL__2PRFIN20100920_162812_000000412093_00097_44740_8448.N1	20-SEP-2010 16:28:12	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	44740	No
137	GOM_NL__2PRFIN20100920_163033_000000632093_00097_44740_8449.N1	20-SEP-2010 16:30:33	Dark	63.000	1	9Alp CMa	-1.4400	11000.	126	44740	No
138	GOM_NL__2PRFIN20100920_163229_000000572093_00097_44740_8450.N1	20-SEP-2010 16:32:29	Dark	57.000	23	21Eps CMa	1.5020	26000.	114	44740	No
139	GOM_NL__2PRFIN20100920_163829_000000452093_00098_44741_8442.N1	20-SEP-2010 16:38:29	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	44741	No
140	GOM_NL__2PRFIN20100920_165000_000000432093_00098_44741_8443.N1	20-SEP-2010 16:50:00	Dark	42.500	9	Alp Eri	0.45300	24000.	85	44741	No
141	GOM_NL__2PRFIN20100920_165538_000000472093_00098_44741_8444.N1	20-SEP-2010 16:55:38	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	44741	No
142	GOM_NL__2PRFIN20100920_170302_000000602093_00098_44741_8445.N1	20-SEP-2010 17:03:02	Tw_i_and_stray	59.500	52	16Bet Cet	2.0370	4500.0	119	44741	No
143	GOM_NL__2PRFIN20100920_171336_000000392093_00098_44741_8446.N1	20-SEP-2010 17:13:36	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	44741	No
144	GOM_NL__2PRFIN20100920_171723_000000392093_00098_44741_8447.N1	20-SEP-2010 17:17:23	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	44741	No
145	GOM_NL__2PRFIN20100920_171902_000000452093_00098_44741_8448.N1	20-SEP-2010 17:19:02	Bright	44.500	58	21Alp And	2.0730	11000.	89	44741	No
146	GOM_NL__2PRFIN20100920_172725_000000412093_00098_44741_8449.N1	20-SEP-2010 17:27:25	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	44741	No
147	GOM_NL__2PRFIN20100920_172906_000000432093_00098_44741_8450.N1	20-SEP-2010 17:29:06	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	44741	No
148	GOM_NL__2PRFIN20100920_175216_000000482093_00098_44741_8451.N1	20-SEP-2010 17:52:16	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	44741	No
149	GOM_NL__2PRFIN20100920_180126_000000622093_00098_44741_8452.N1	20-SEP-2010 18:01:26	Dark	61.500	8	10Alp CMi	0.40000	6500.0	123	44741	No
150	GOM_NL__2PRFIN20100920_180848_000000442093_00098_44741_8453.N1	20-SEP-2010 18:08:48	Dark	43.500	132	15Rho Pup	2.8030	6900.0	87	44741	No
151	GOM_NL__2PRFIN20100920_181110_000000632093_00098_44741_8454.N1	20-SEP-2010 18:11:10	Dark	63.000	1	9Alp CMa	-1.4400	11000.	126	44741	No
152	GOM_NL__2PRFIN20100920_181306_000000522093_00098_44741_8455.N1	20-SEP-2010 18:13:06	Dark	51.500	23	21Eps CMa	1.5020	26000.	103	44741	No
153	GOM_NL__2PRFIN20100920_181906_000000582093_00099_44742_8500.N1	20-SEP-2010 18:19:06	Dark	57.500	2	Alp Car	-0.73600	7000.0	115	44742	No
154	GOM_NL__2PRFIN20100920_183037_000000492093_00099_44742_8501.N1	20-SEP-2010 18:30:37	Dark	49.000	9	Alp Eri	0.45300	24000.	98	44742	No
155	GOM_NL__2PRFIN20100920_183614_000000462093_00099_44742_8502.N1	20-SEP-2010 18:36:14	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	44742	No
156	GOM_NL__2PRFIN20100920_184338_000000572093_00099_44742_8503.N1	20-SEP-2010 18:43:38	Tw_i_and_stray	56.500	52	16Bet Cet	2.0370	4500.0	113	44742	No
157	GOM_NL__2PRFIN20100920_185412_000000392093_00099_44742_8504.N1	20-SEP-2010 18:54:12	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	44742	No
158	GOM_NL__2PRFIN20100920_185759_000000422093_00099_44742_8505.N1	20-SEP-2010 18:57:59	Bright	41.500	93	53Bet Peg	2.5200	3100.0	83	44742	No
159	GOM_NL__2PRFIN20100920_185938_000000462093_00099_44742_8506.N1	20-SEP-2010 18:59:38	Bright	45.500	58	21Alp And	2.0730	11000.	91	44742	No
160	GOM_NL__2PRFIN20100920_190801_000000402093_00099_44742_8507.N1	20-SEP-2010 19:08:01	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	44742	No

161	GOM_NL__2PRFIN20100920_190941_000000432093_00099_44742_8508.N1	20-SEP-2010 19:09:41	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	44742	No
162	GOM_NL__2PRFIN20100920_193252_000000662093_00099_44742_8509.N1	20-SEP-2010 19:32:52	Bright	66.000	24	66Alp Gem	1.5800	10200.	132	44742	No
163	GOM_NL__2PRFIN20100920_194203_000000672093_00099_44742_8510.N1	20-SEP-2010 19:42:03	Dark	67.000	8	10Alp CMi	0.40000	6500.0	134	44742	No
164	GOM_NL__2PRFIN20100920_194925_000000452093_00099_44742_8511.N1	20-SEP-2010 19:49:25	Dark	44.500	132	15Rho Pup	2.8030	6900.0	89	44742	No
165	GOM_NL__2PRFIN20100920_195148_000000572093_00099_44742_8512.N1	20-SEP-2010 19:51:48	Dark	57.000	1	9Alp CMa	-1.4400	11000.	114	44742	No
166	GOM_NL__2PRFIN20100920_195343_000000502093_00099_44742_8513.N1	20-SEP-2010 19:53:43	Dark	49.500	23	21Eps CMa	1.5020	26000.	99	44742	No
167	GOM_NL__2PRFIN20100920_195942_000000582093_00100_44743_8535.N1	20-SEP-2010 19:59:42	Dark	57.500	2	Alp Car	-0.73600	7000.0	115	44743	No
168	GOM_NL__2PRFIN20100920_201113_000000512093_00100_44743_8536.N1	20-SEP-2010 20:11:13	Dark	51.000	9	Alp Eri	0.45300	24000.	102	44743	No
169	GOM_NL__2PRFIN20100920_201650_000000482093_00100_44743_8537.N1	20-SEP-2010 20:16:50	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	44743	No
170	GOM_NL__2PRFIN20100920_202414_000000572093_00100_44743_8538.N1	20-SEP-2010 20:24:14	Tw_i_and_stray	56.500	52	16Bet Cet	2.0370	4500.0	113	44743	No
171	GOM_NL__2PRFIN20100920_203448_000000392093_00100_44743_8539.N1	20-SEP-2010 20:34:48	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	44743	No
172	GOM_NL__2PRFIN20100920_203835_000000382093_00100_44743_8540.N1	20-SEP-2010 20:38:35	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	44743	No
173	GOM_NL__2PRFIN20100920_204013_000000442093_00100_44743_8541.N1	20-SEP-2010 20:40:13	Bright	44.000	58	21Alp And	2.0730	11000.	88	44743	No
174	GOM_NL__2PRFIN20100920_204837_000000412093_00100_44743_8542.N1	20-SEP-2010 20:48:37	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	44743	No
175	GOM_NL__2PRFIN20100920_205016_000000432093_00100_44743_8543.N1	20-SEP-2010 20:50:16	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	44743	No
176	GOM_NL__2PRFIN20100920_211328_000000462093_00100_44743_8544.N1	20-SEP-2010 21:13:28	Bright	45.500	24	66Alp Gem	1.5800	10200.	91	44743	No
177	GOM_NL__2PRFIN20100920_212239_000000562093_00100_44743_8545.N1	20-SEP-2010 21:22:39	Dark	56.000	8	10Alp CMi	0.40000	6500.0	112	44743	No
178	GOM_NL__2PRFIN20100920_213001_000000442093_00100_44743_8546.N1	20-SEP-2010 21:30:01	Dark	43.500	132	15Rho Pup	2.8030	6900.0	87	44743	No
179	GOM_NL__2PRFIN20100920_213225_000000572093_00100_44743_8547.N1	20-SEP-2010 21:32:25	Dark	57.000	1	9Alp CMa	-1.4400	11000.	114	44743	No
180	GOM_NL__2PRFIN20100920_213420_000000512093_00100_44743_8548.N1	20-SEP-2010 21:34:20	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	44743	No
181	GOM_NL__2PRFIN20100920_214019_000000442093_00101_44744_8551.N1	20-SEP-2010 21:40:19	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	44744	No
182	GOM_NL__2PRFIN20100920_215149_000000552093_00101_44744_8552.N1	20-SEP-2010 21:51:49	Dark	54.500	9	Alp Eri	0.45300	24000.	109	44744	No
183	GOM_NL__2PRFIN20100920_215727_000000462093_00101_44744_8553.N1	20-SEP-2010 21:57:27	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	44744	No
184	GOM_NL__2PRFIN20100920_220450_000000562093_00101_44744_8554.N1	20-SEP-2010 22:04:50	Tw_i_and_stray	56.000	52	16Bet Cet	2.0370	4500.0	112	44744	No
185	GOM_NL__2PRFIN20100920_221523_000000382093_00101_44744_8555.N1	20-SEP-2010 22:15:23	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	44744	No
186	GOM_NL__2PRFIN20100920_221911_000000382093_00101_44744_8556.N1	20-SEP-2010 22:19:11	Bright	37.500	93	53Bet Peg	2.5200	3100.0	75	44744	No
187	GOM_NL__2PRFIN20100920_222048_000000452093_00101_44744_8557.N1	20-SEP-2010 22:20:48	Bright	45.000	58	21Alp And	2.0730	11000.	90	44744	No
188	GOM_NL__2PRFIN20100920_222912_000000422093_00101_44744_8558.N1	20-SEP-2010 22:29:12	Bright	42.000	74	11Bet Cas	2.2680	6600.0	84	44744	No
189	GOM_NL__2PRFIN20100920_223052_000000442093_00101_44744_8559.N1	20-SEP-2010 22:30:52	Bright	44.000	76	27Gam Cas	2.3000	30000.	88	44744	No
190	GOM_NL__2PRFIN20100920_225404_000000472093_00101_44744_8560.N1	20-SEP-2010 22:54:04	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	44744	No
191	GOM_NL__2PRFIN20100920_230315_000000652093_00101_44744_8561.N1	20-SEP-2010 23:03:15	Dark	64.500	8	10Alp CMi	0.40000	6500.0	129	44744	No
192	GOM_NL__2PRFIN20100920_231037_000000422093_00101_44744_8562.N1	20-SEP-2010 23:10:37	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	44744	No
193	GOM_NL__2PRFIN20100920_231302_000000502093_00101_44744_8563.N1	20-SEP-2010 23:13:02	Dark	50.000	1	9Alp CMa	-1.4400	11000.	100	44744	No
194	GOM_NL__2PRFIN20100920_231457_000000472093_00101_44744_8564.N1	20-SEP-2010 23:14:57	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	44744	No
195	GOM_NL__2PRFIN20100920_232055_000000572093_00102_44745_8564.N1	20-SEP-2010 23:20:55	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	44745	No
196	GOM_NL__2PRFIN20100920_233225_000000492093_00102_44745_8565.N1	20-SEP-2010 23:32:25	Dark	48.500	9	Alp Eri	0.45300	24000.	97	44745	No
197	GOM_NL__2PRFIN20100920_233803_000000482093_00102_44745_8566.N1	20-SEP-2010 23:38:03	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	44745	No
198	GOM_NL__2PRFIN20100920_234526_000000552093_00102_44745_8567.N1	20-SEP-2010 23:45:26	Tw_i_and_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	44745	No
199	GOM_NL__2PRFIN20100920_235559_000000392093_00102_44745_8568.N1	20-SEP-2010 23:55:59	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	44745	No
200	GOM_NL__2PRFIN20100920_235946_000000412093_00102_44745_8569.N1	20-SEP-2010 23:59:46	Bright	41.000	93	53Bet Peg	2.5200	3100.0	82	44745	No

3. Quality information per product

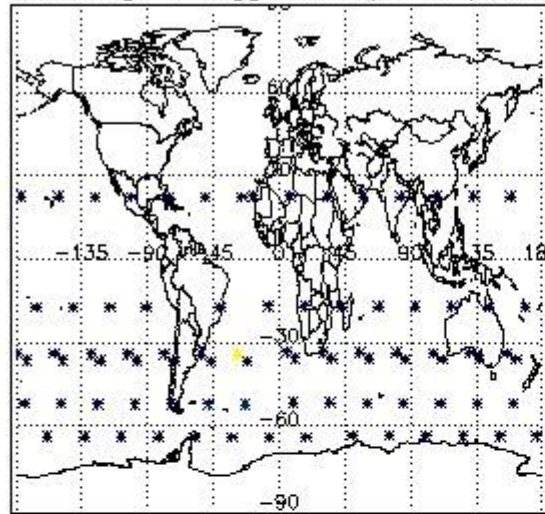
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

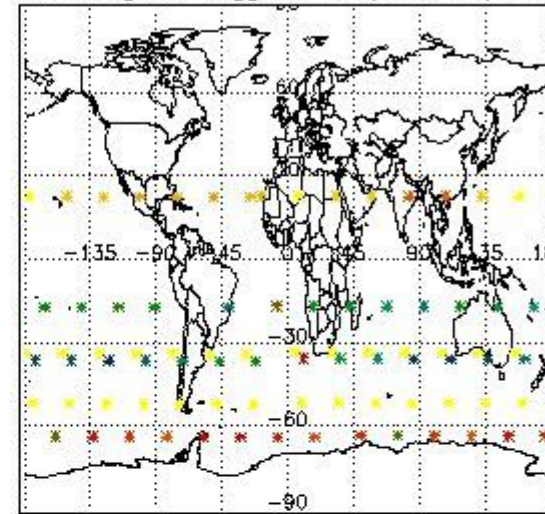


3.2 Plot quality information per product (world map)

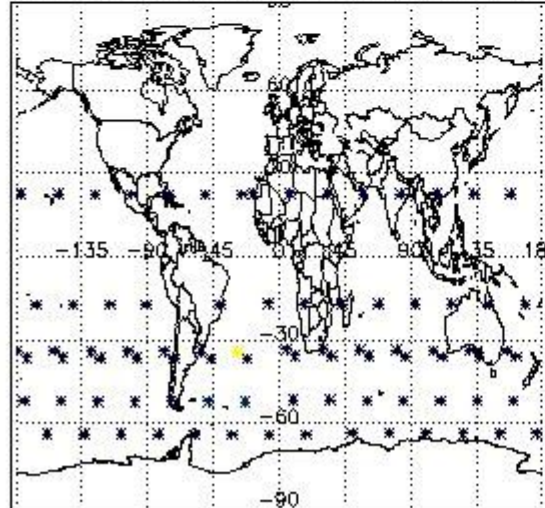
Percentage of flagged data per O3 profile



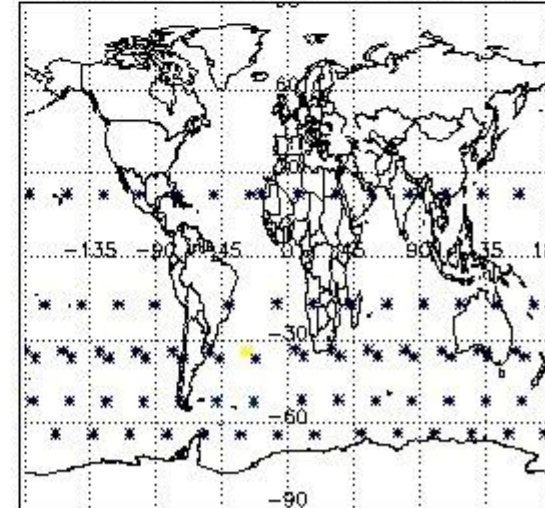
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

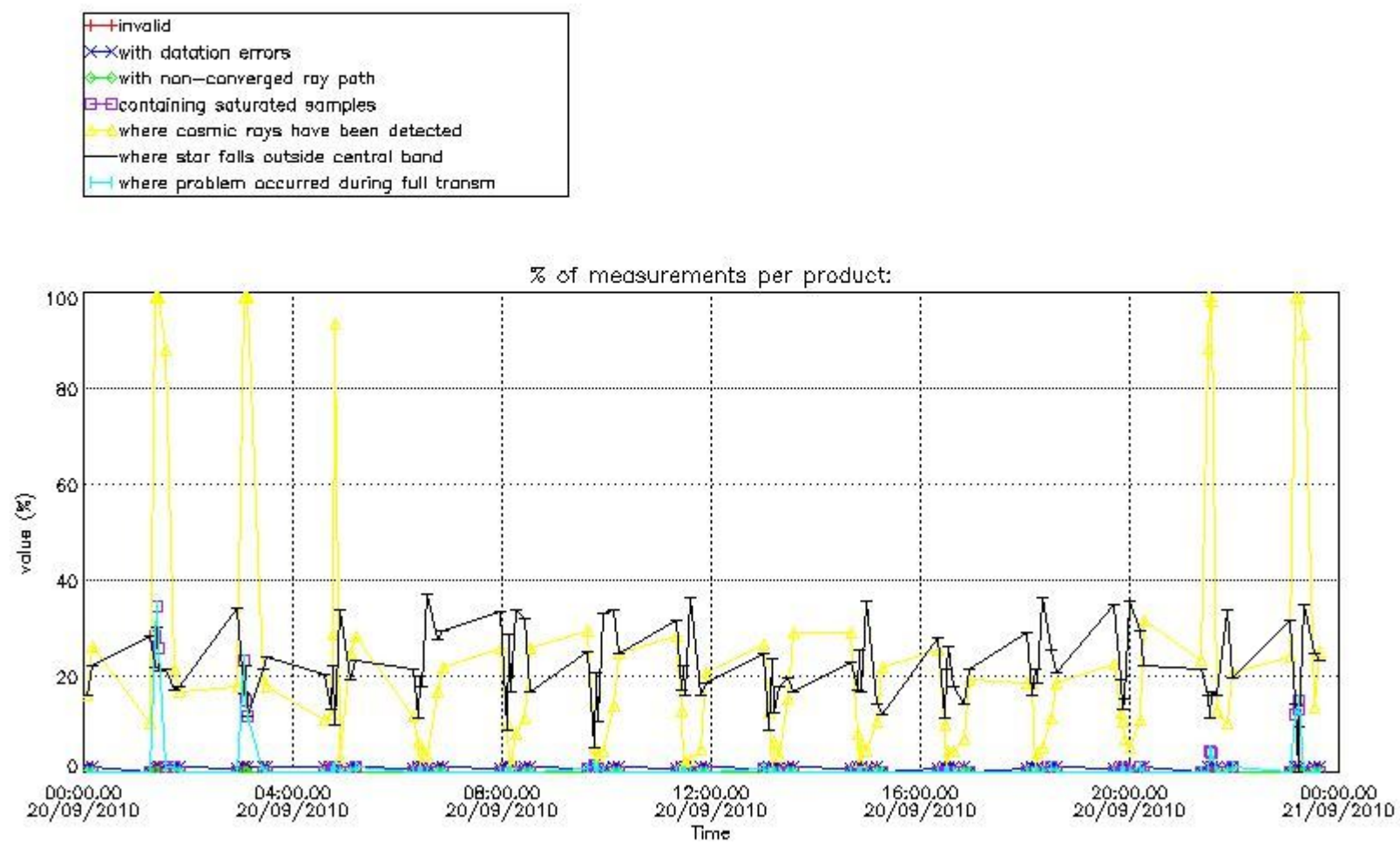


4. Level 1 quality information per product

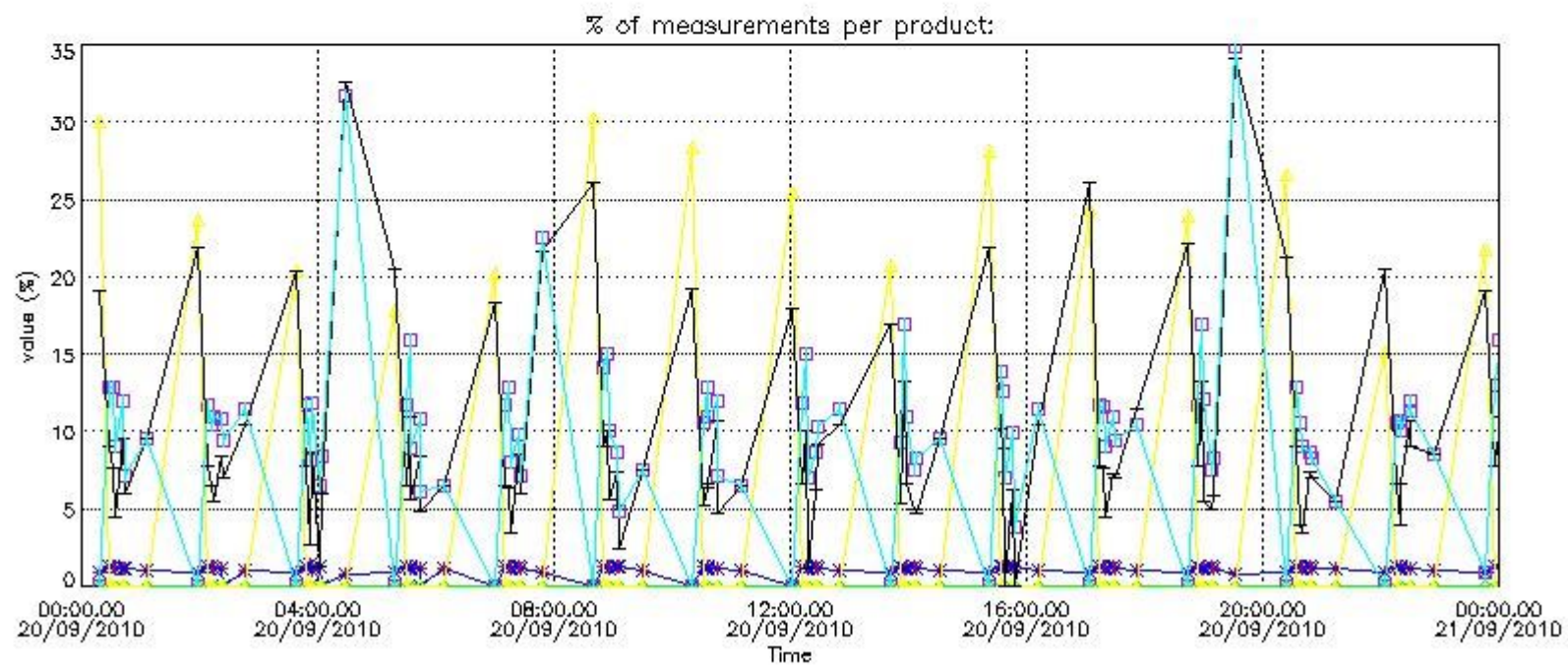
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



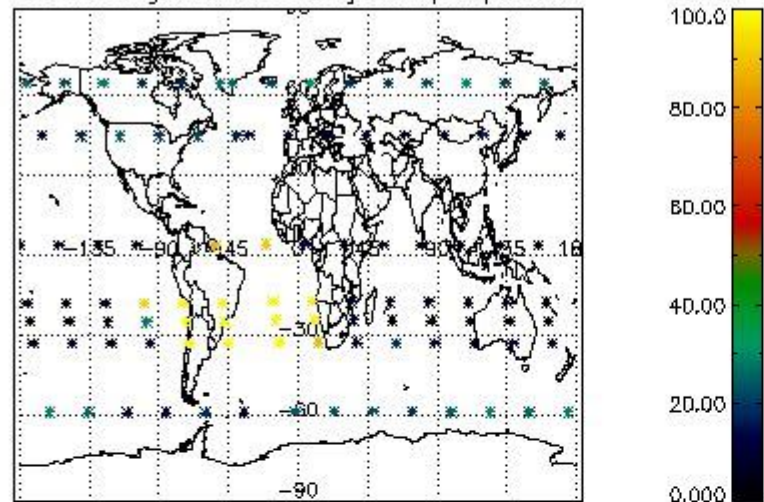
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



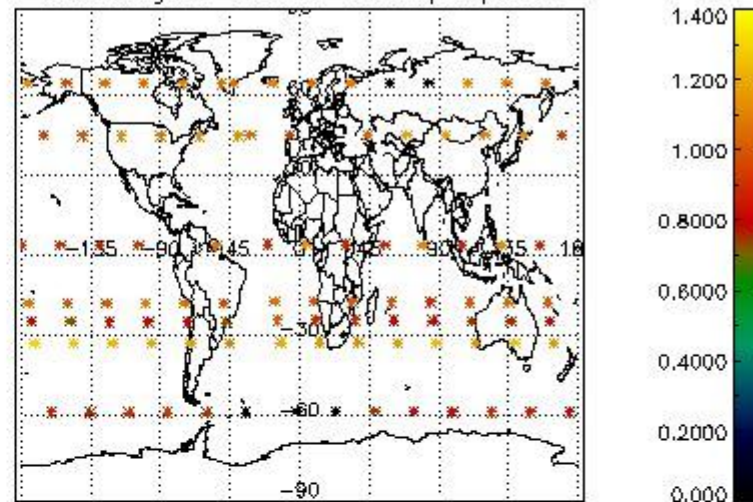
4.2 Plot quality information per product coming from level 1b processing (world map)

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

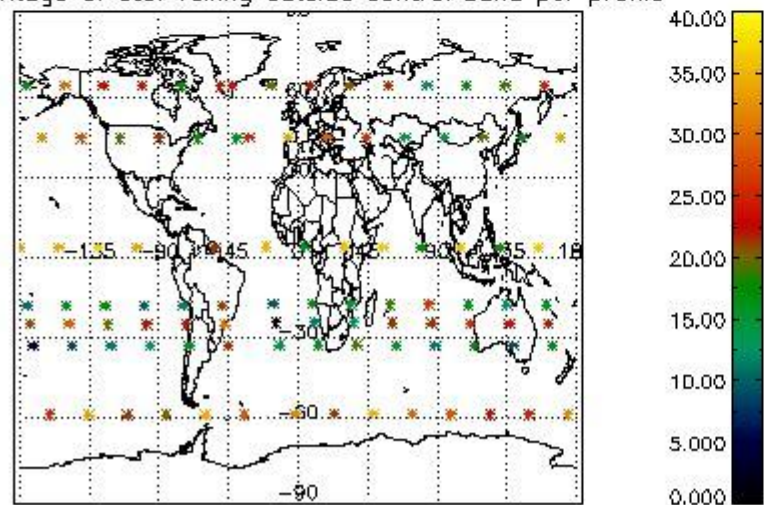
Percentage of cosmic ray hits per profile



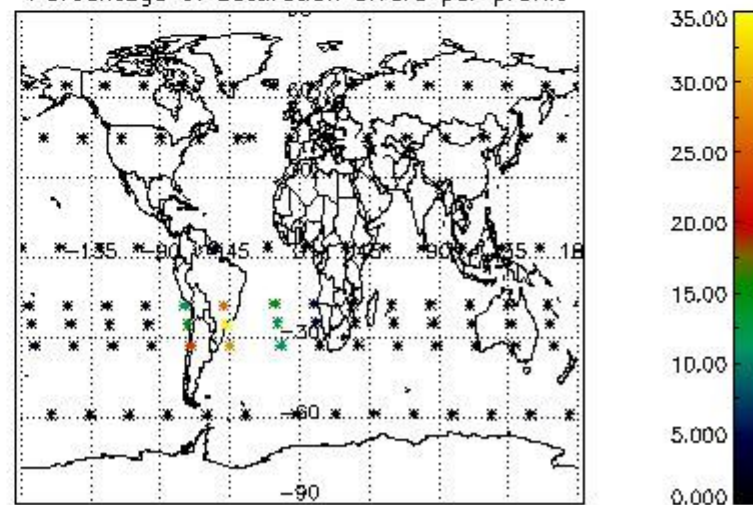
Percentage of datation errors per profile



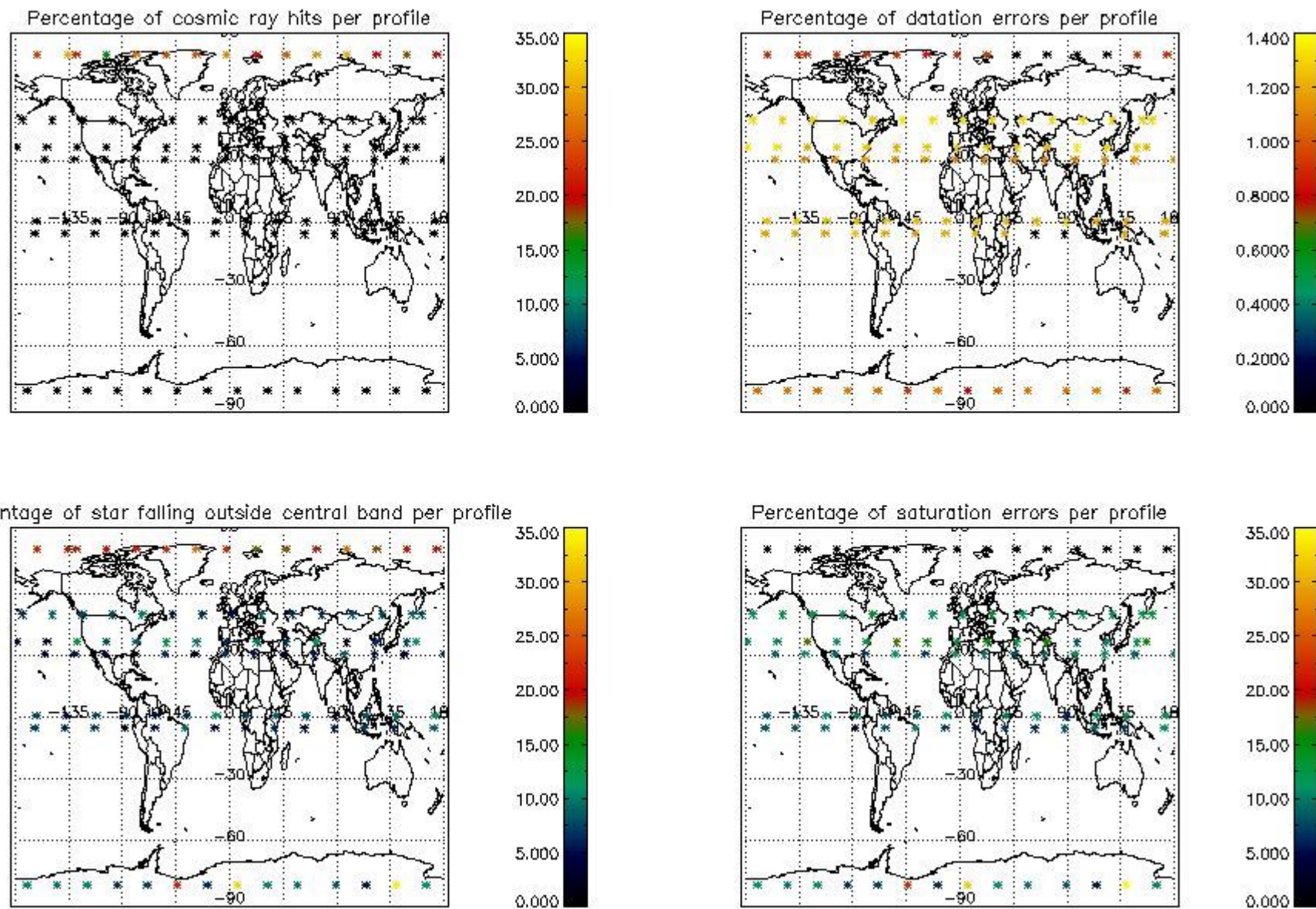
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

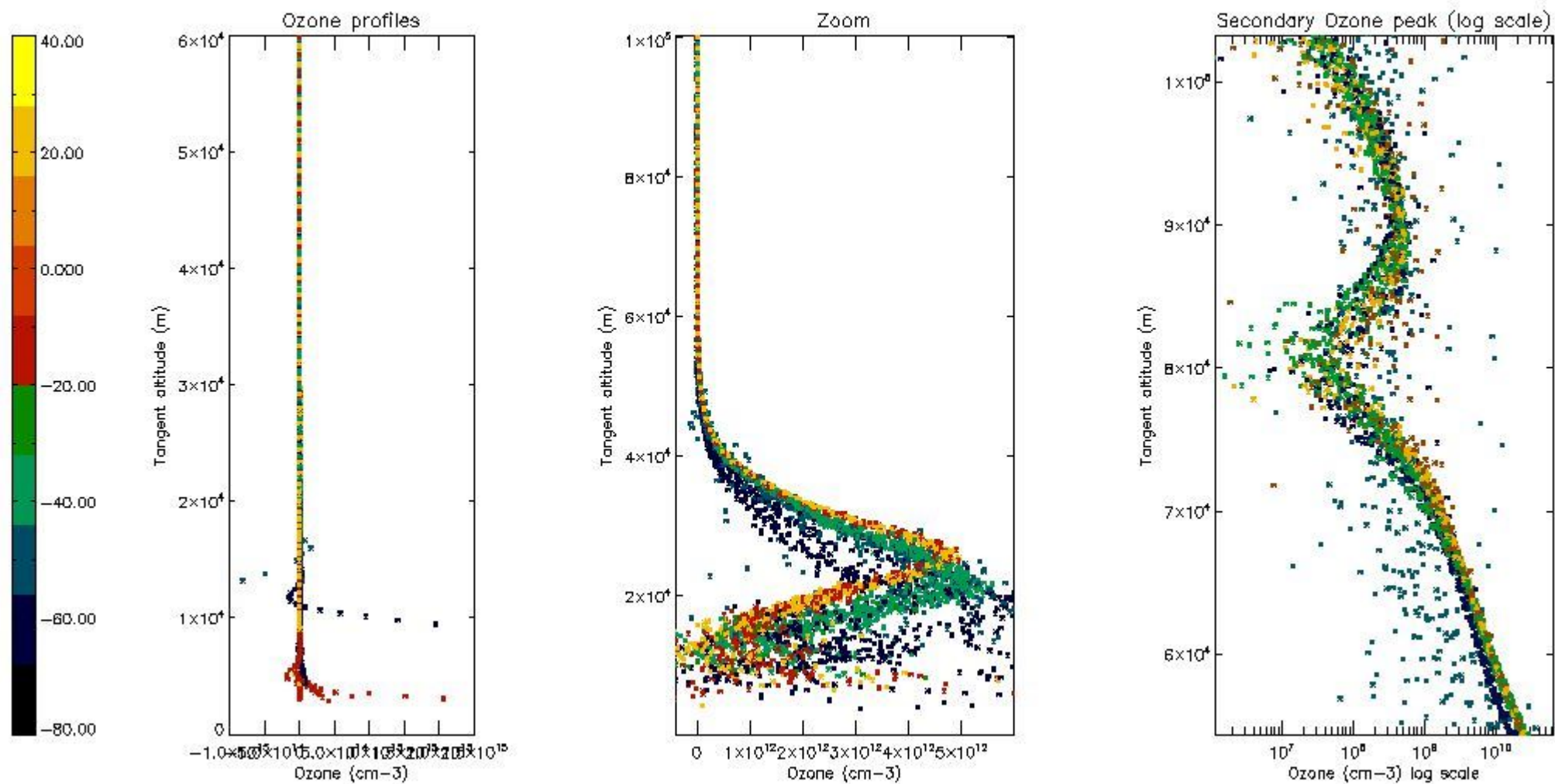
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	47
STD < 20	29

STD < 10	24
STD < 5	20

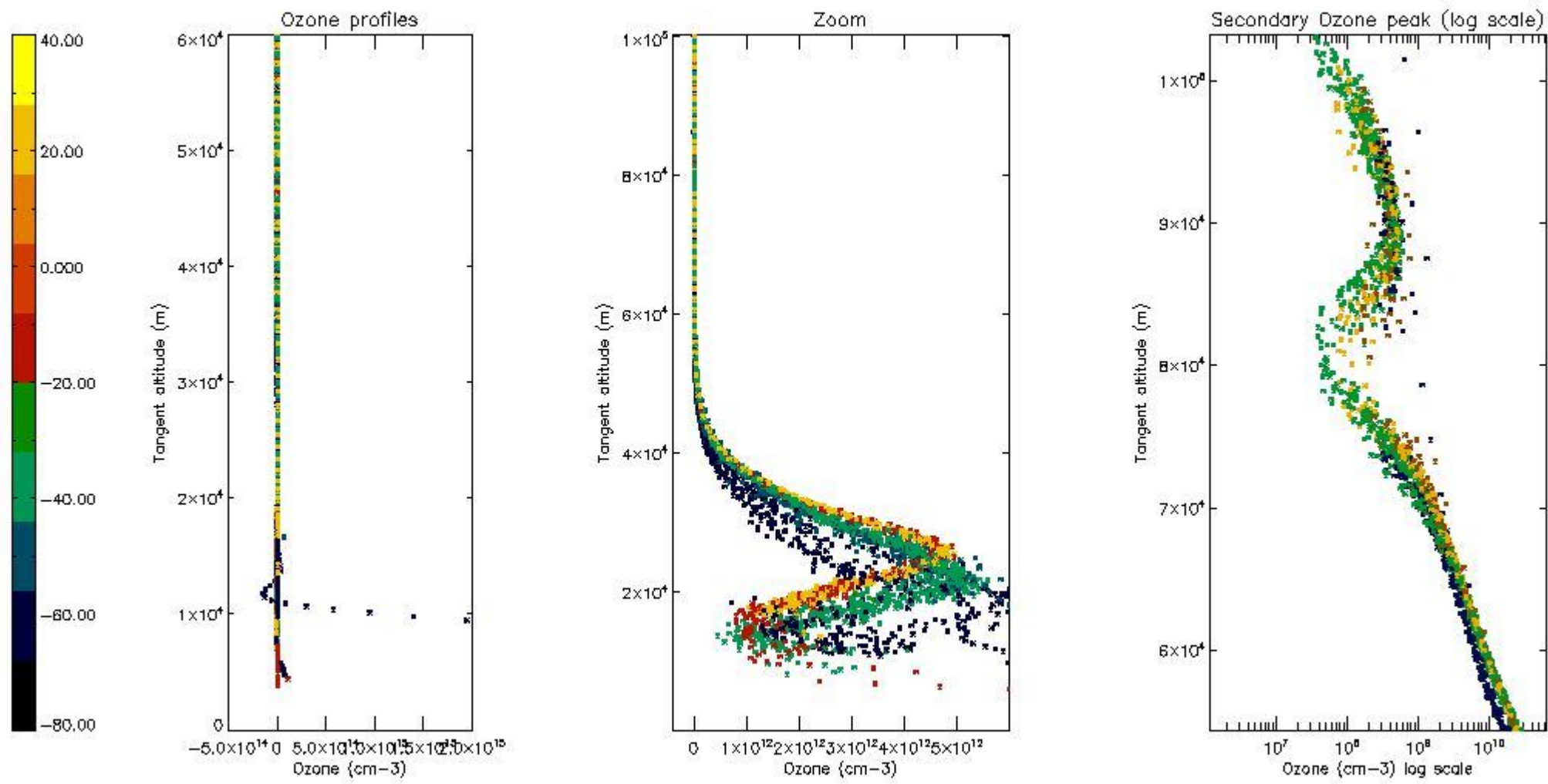
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



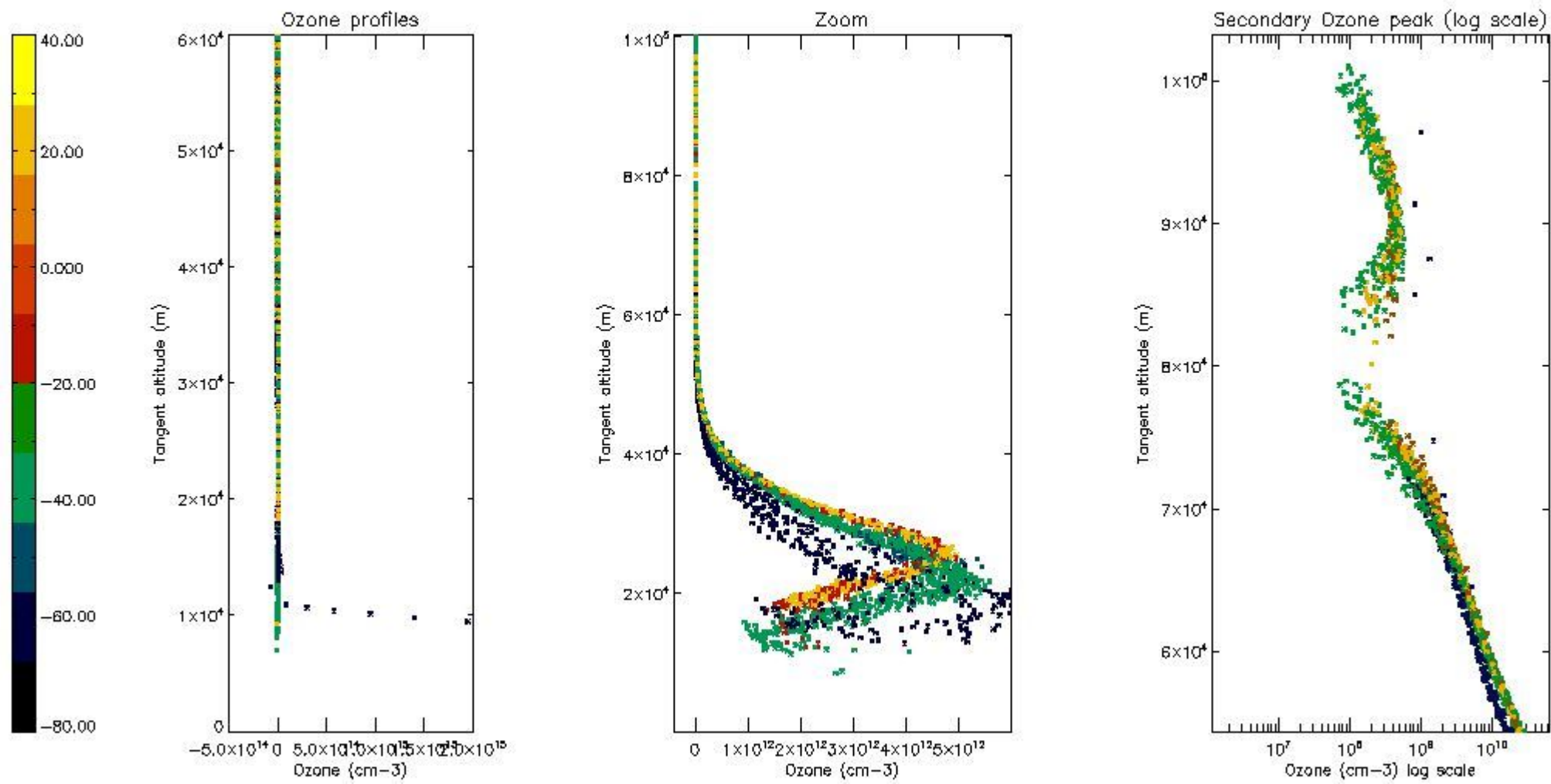
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



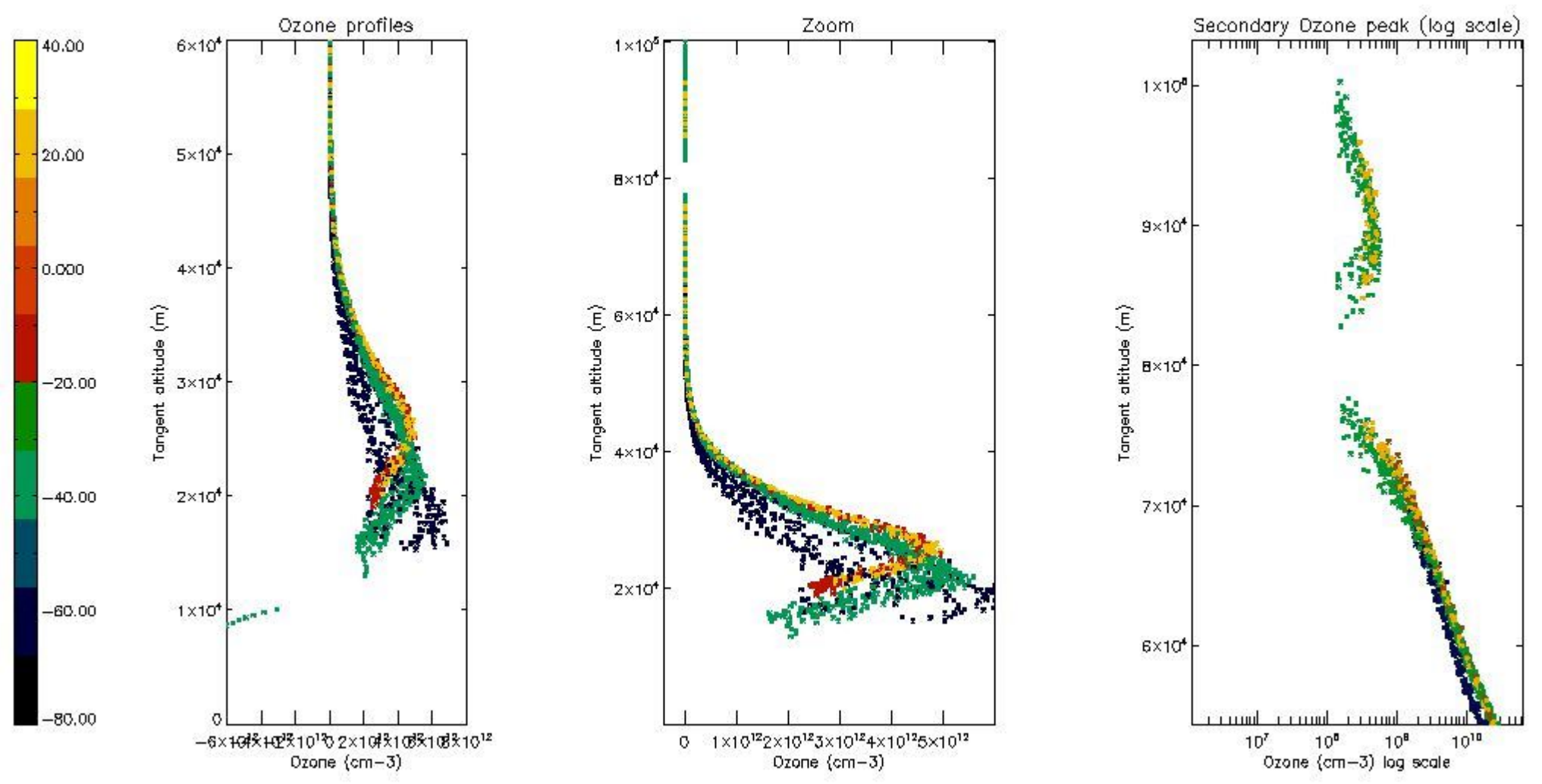
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



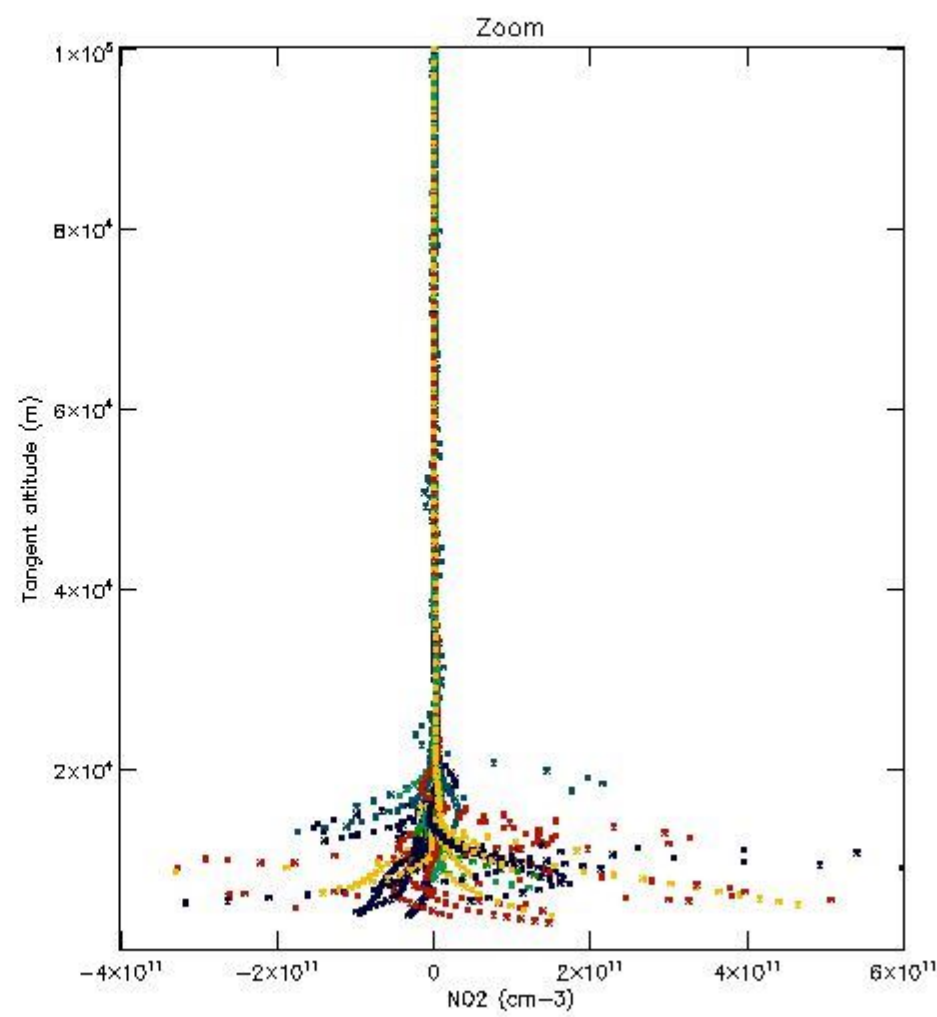
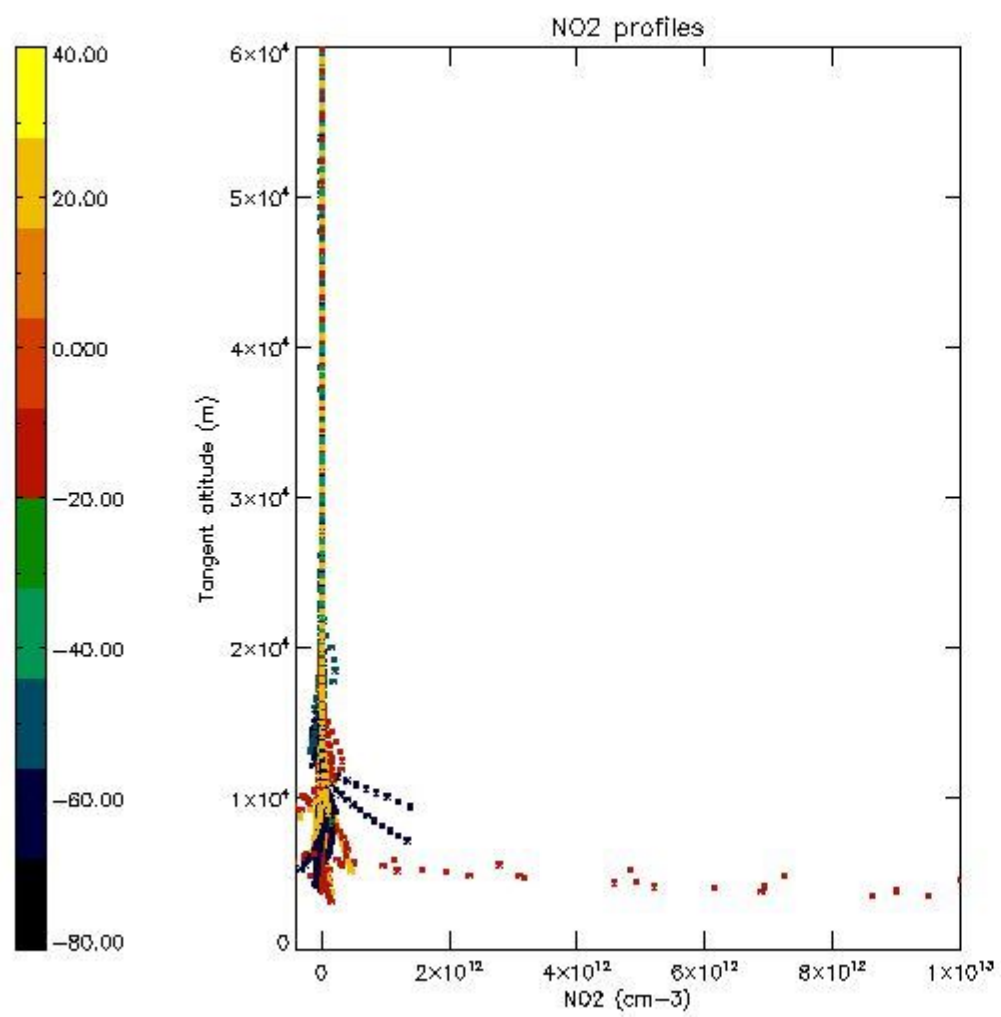
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



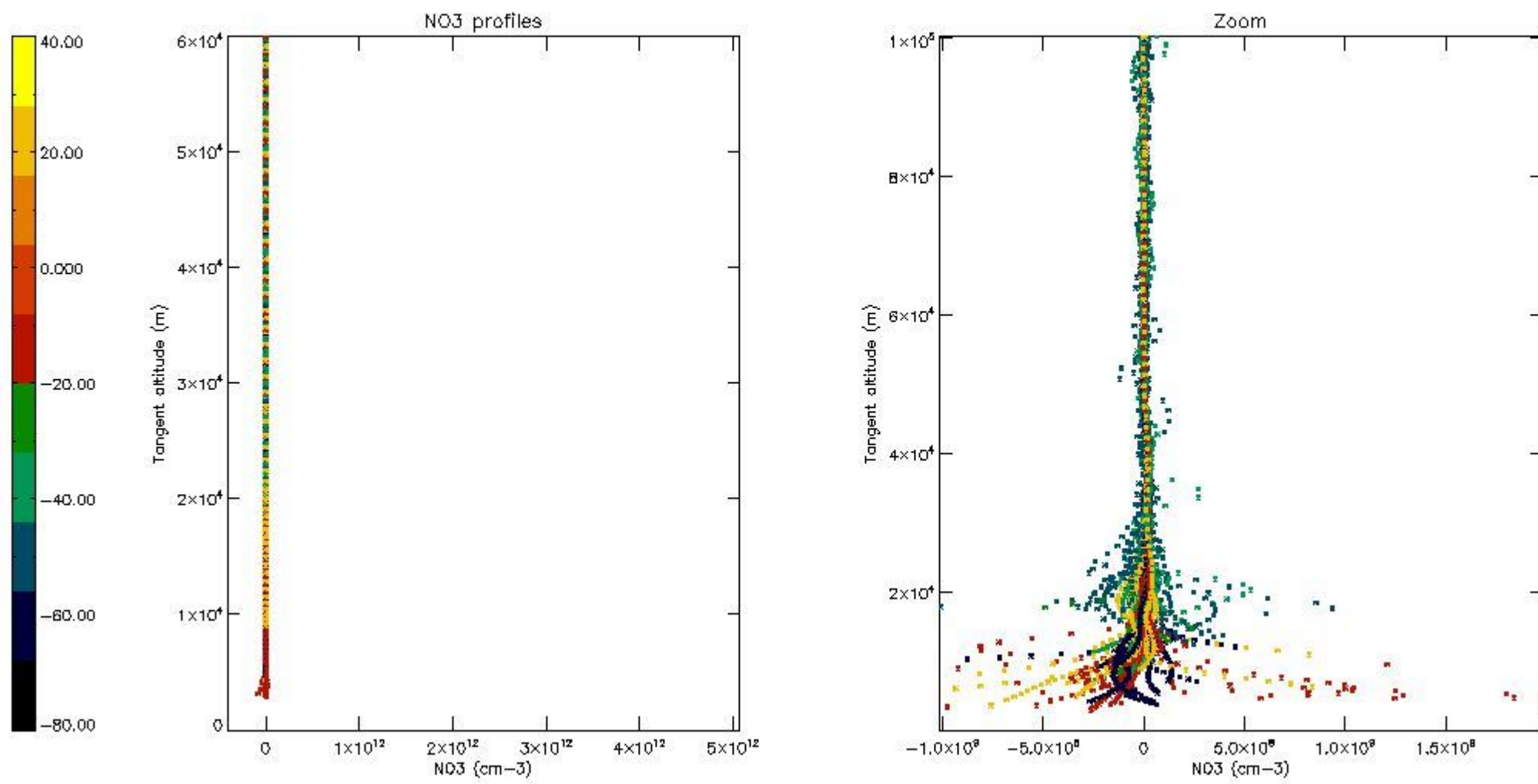
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



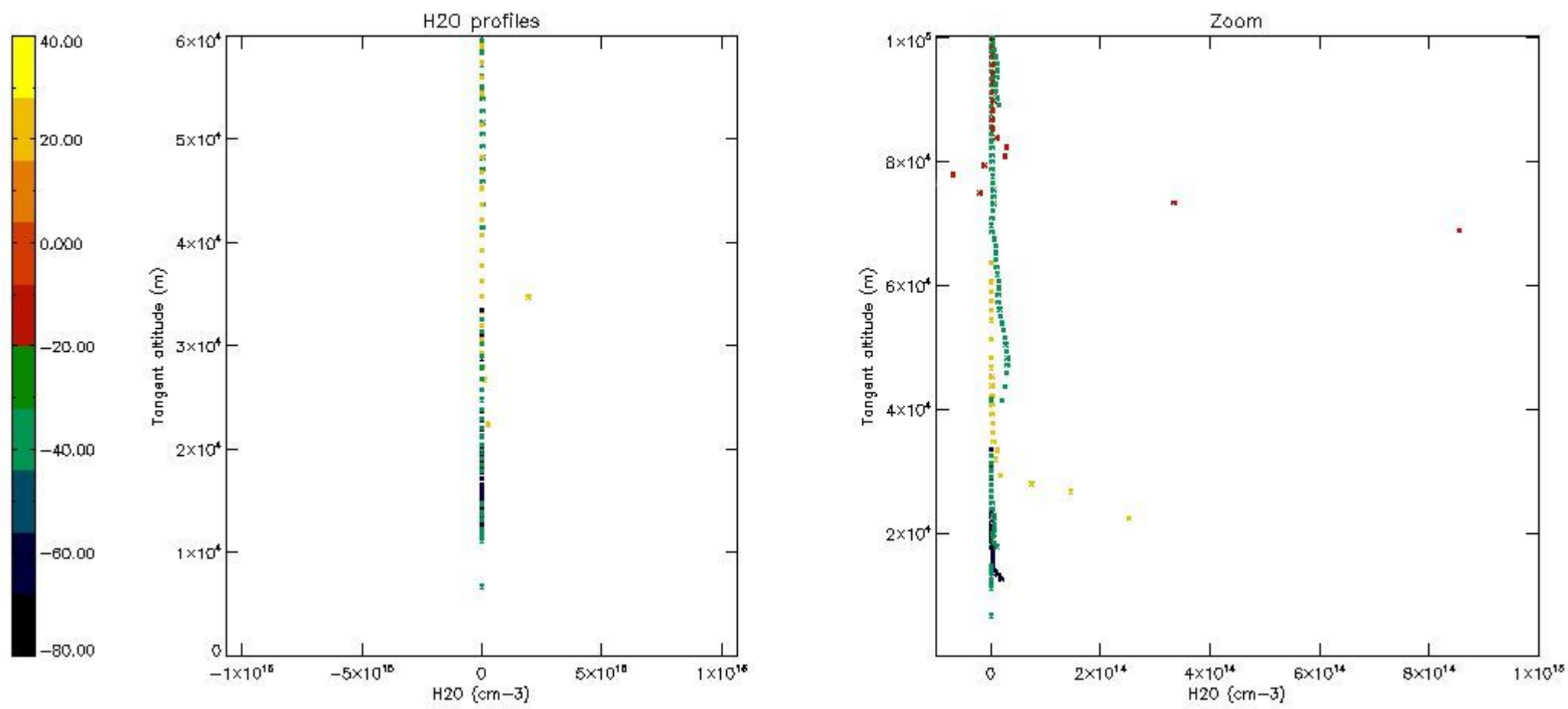
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

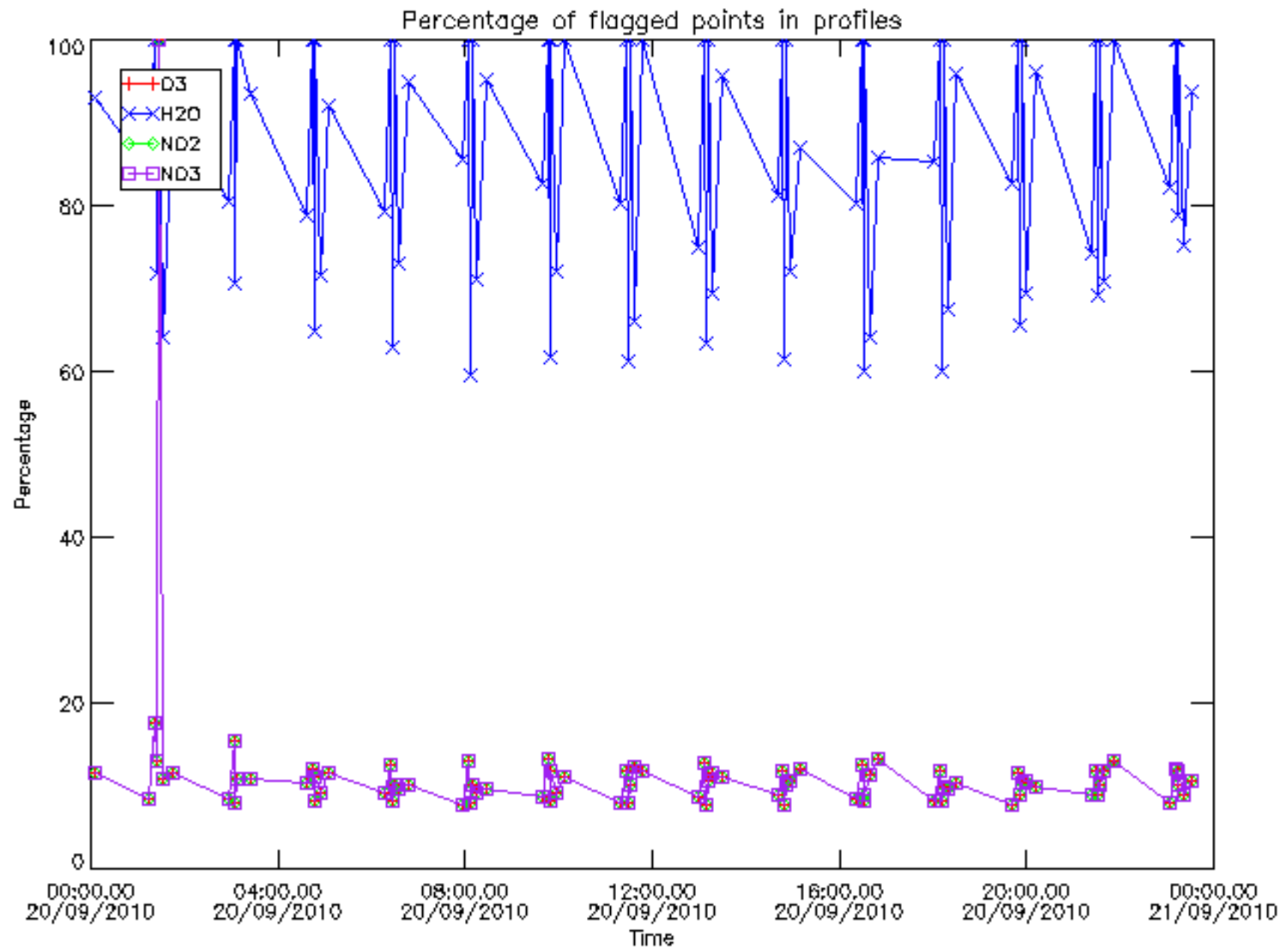
The colorbar represents the latitude.



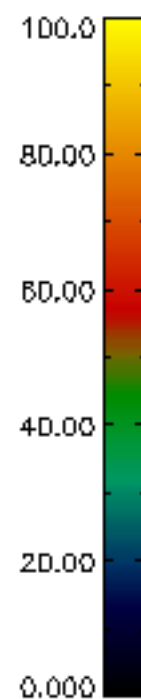
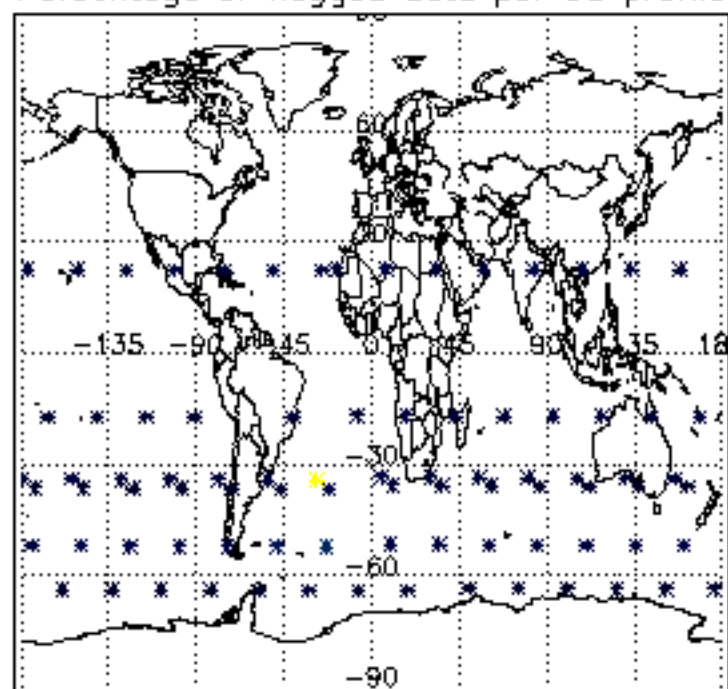
6. Auxiliary Data Files used for the production reported in section 2

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

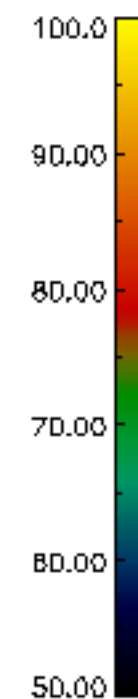
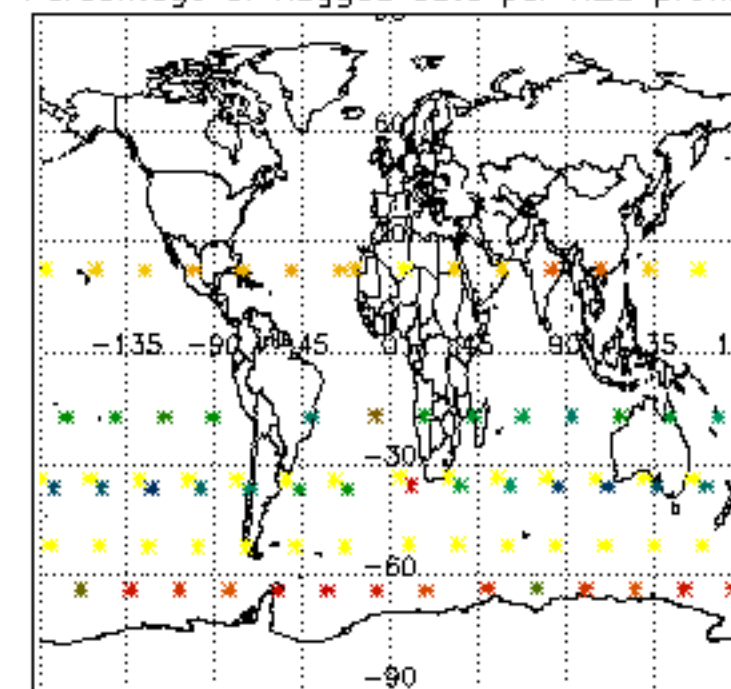
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	20-SEP-2010 00:03:56
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	20-SEP-2010 00:03:56
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	20-SEP-2010 00:03:56



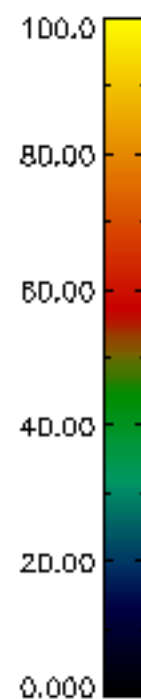
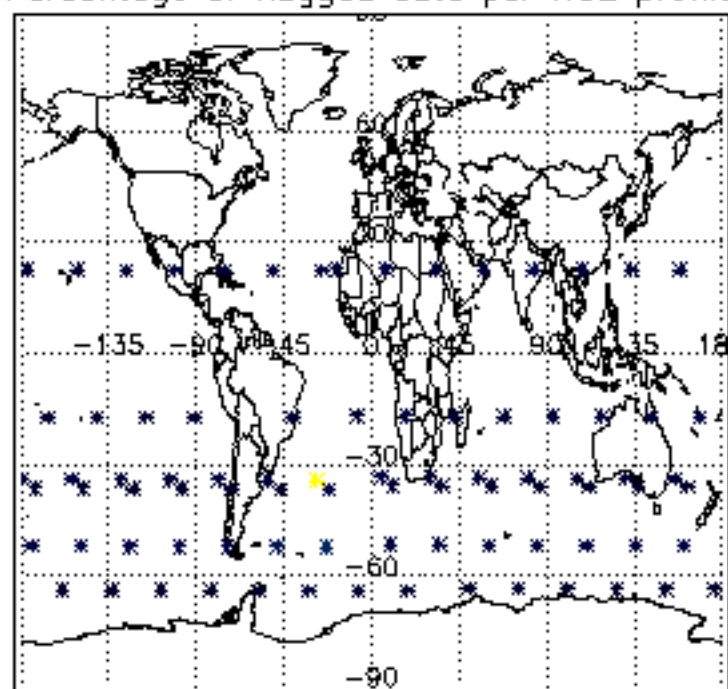
Percentage of flagged data per D3 profile



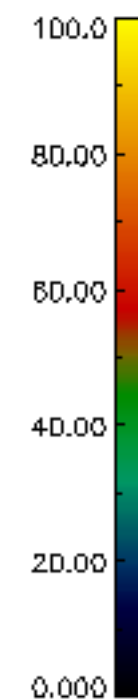
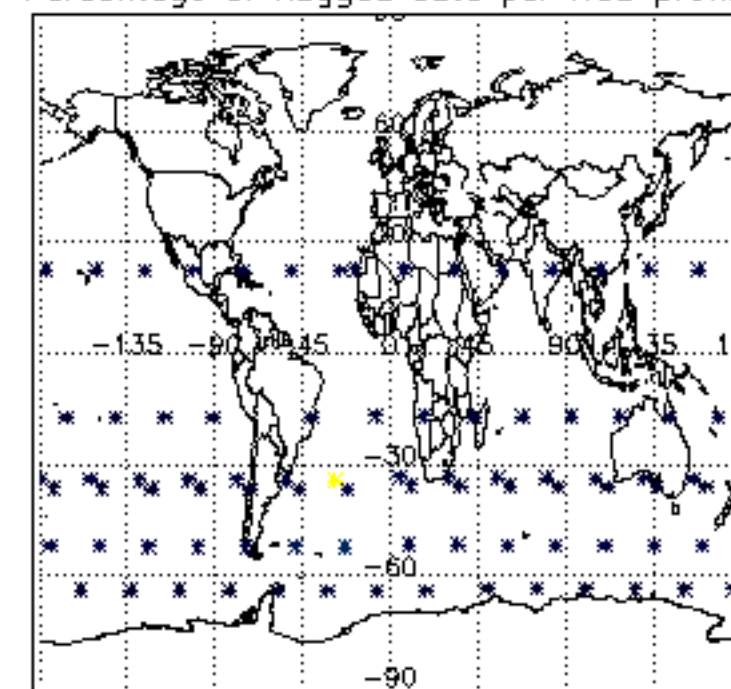
Percentage of flagged data per H2O profile

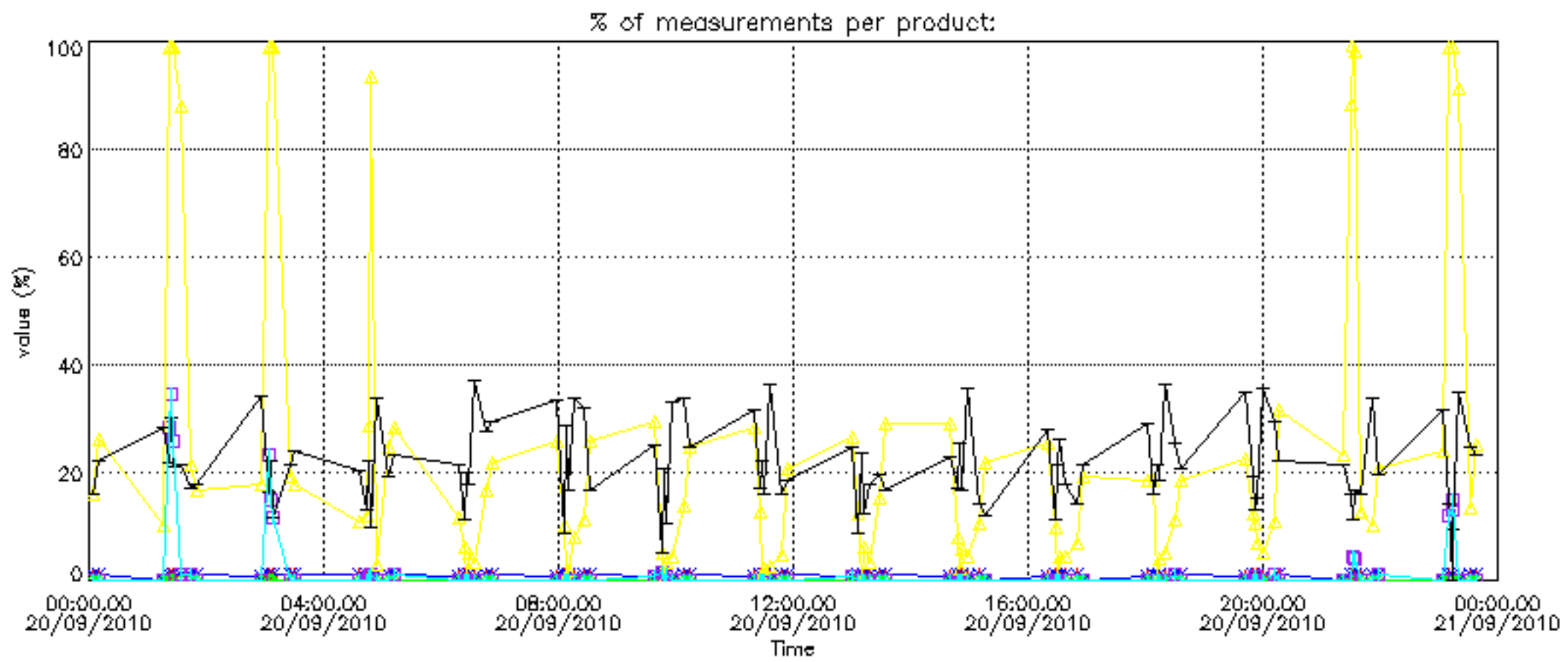


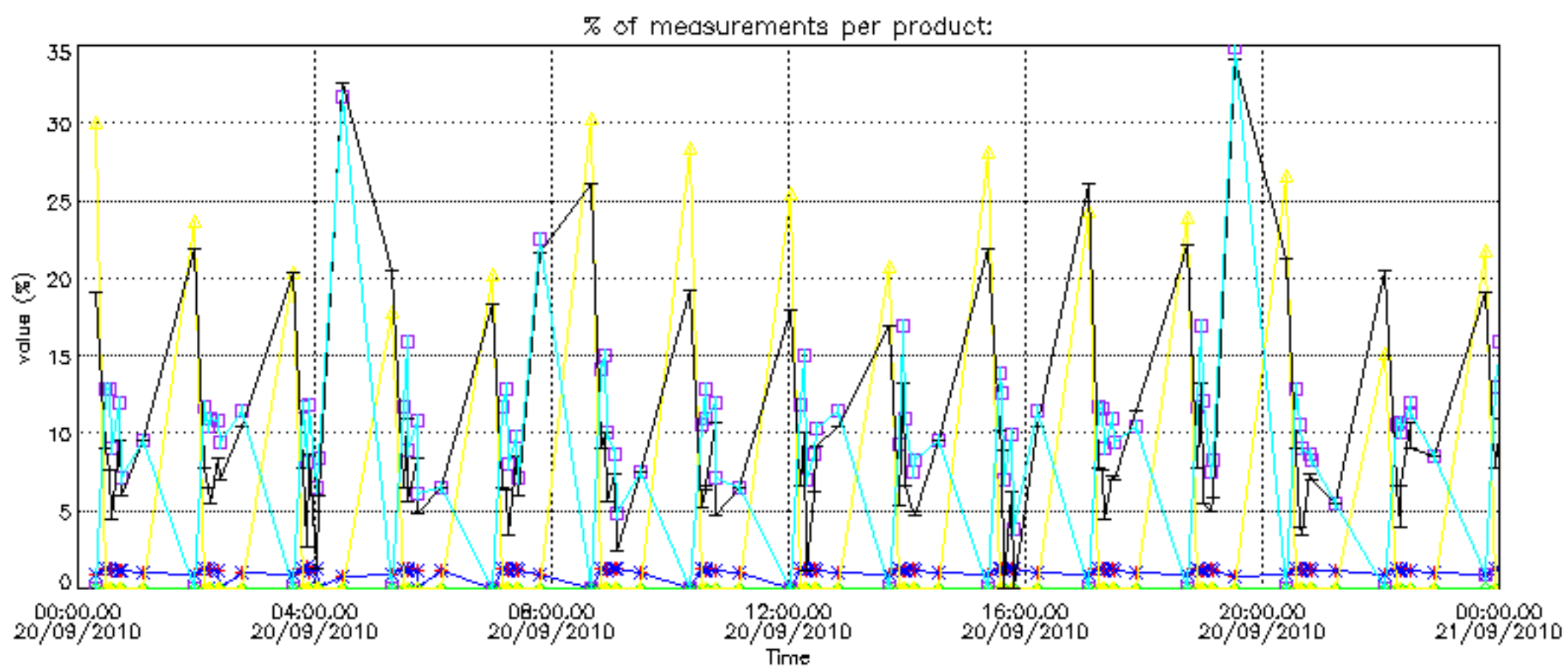
Percentage of flagged data per NO2 profile



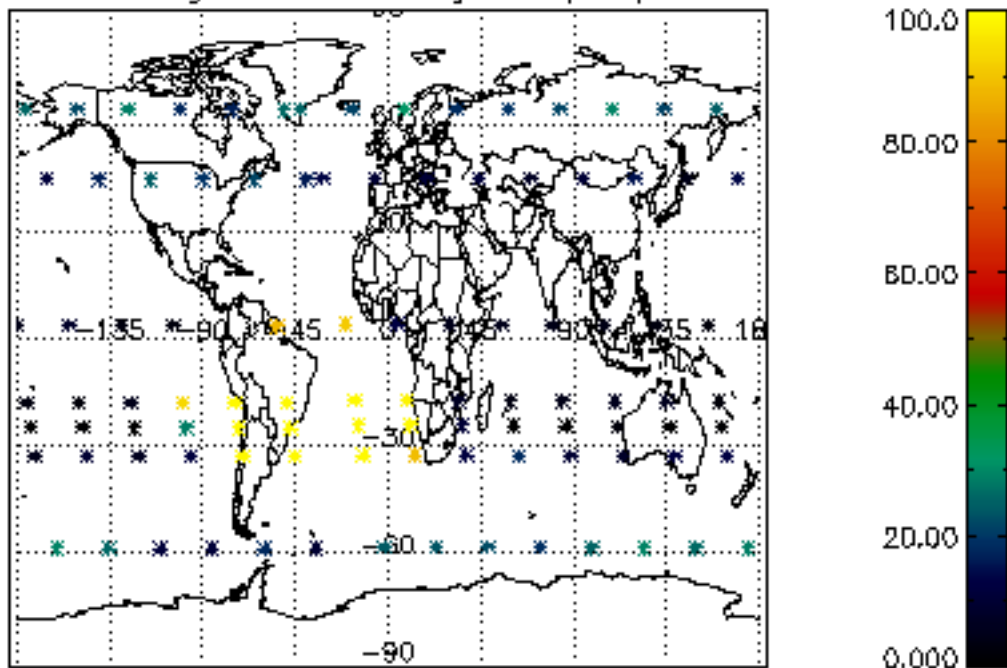
Percentage of flagged data per NO3 profile



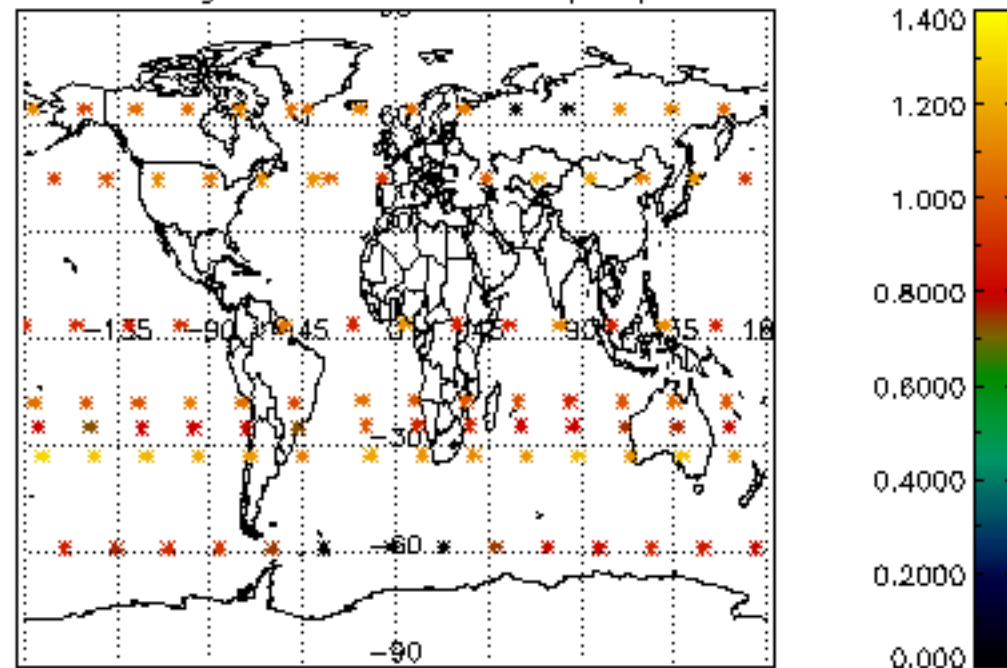




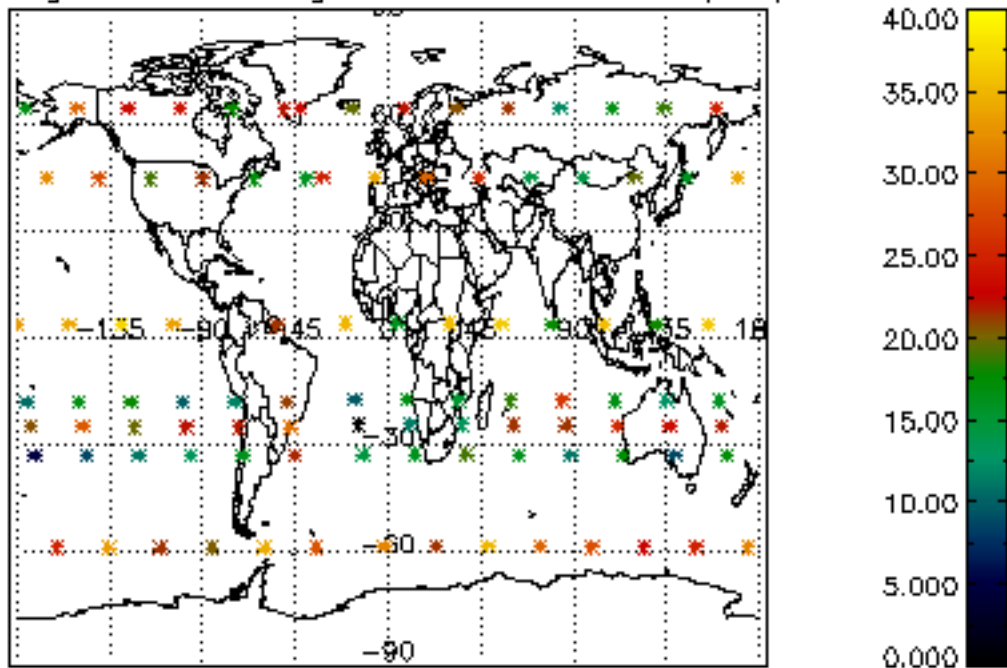
Percentage of cosmic ray hits per profile



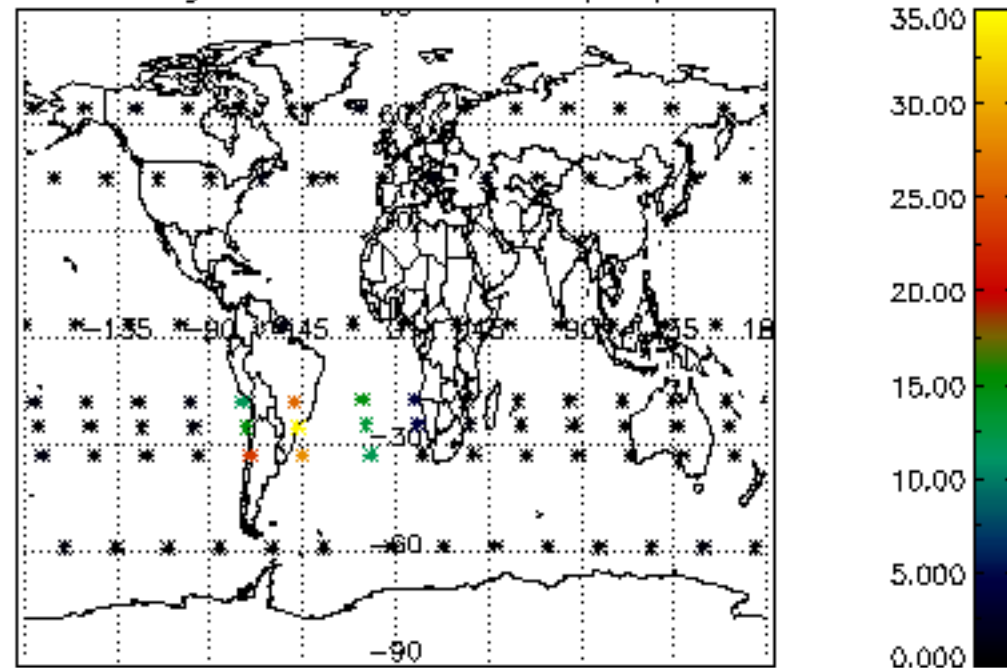
Percentage of datation errors per profile



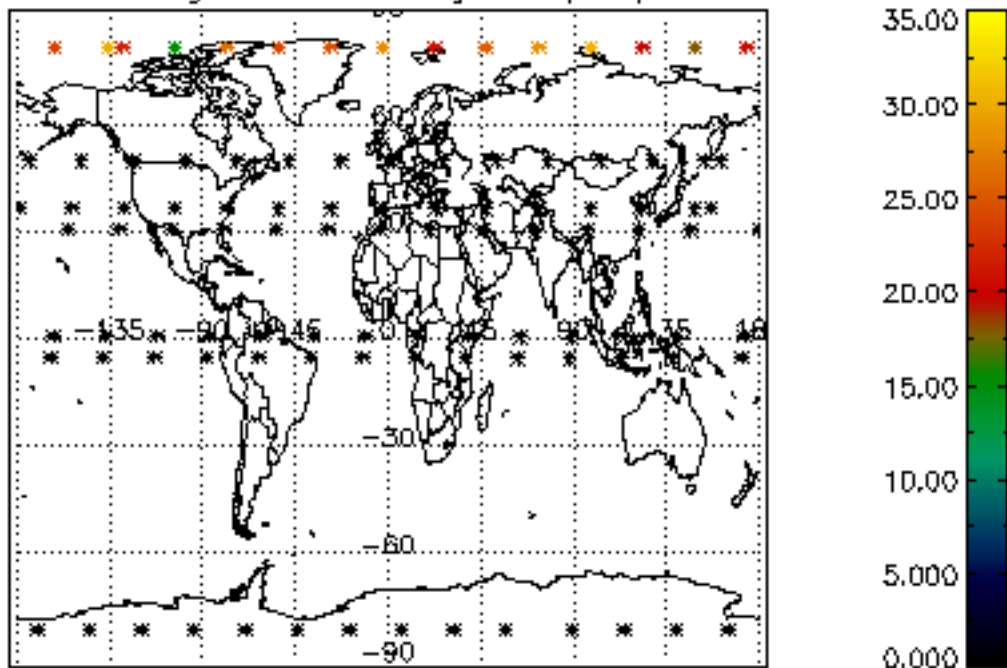
Percentage of star falling outside central band per profile



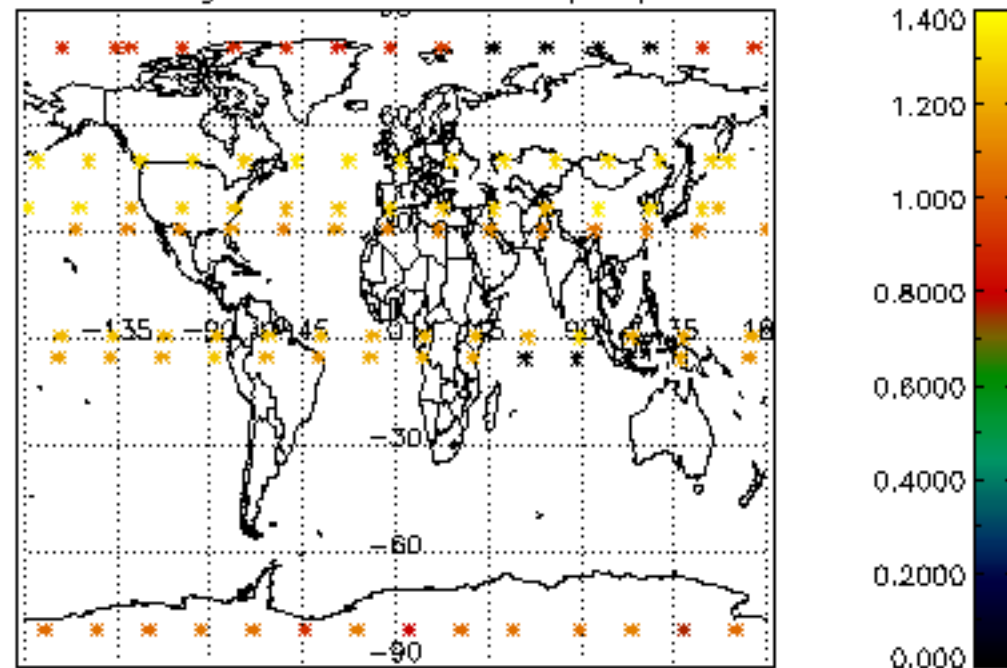
Percentage of saturation errors per profile



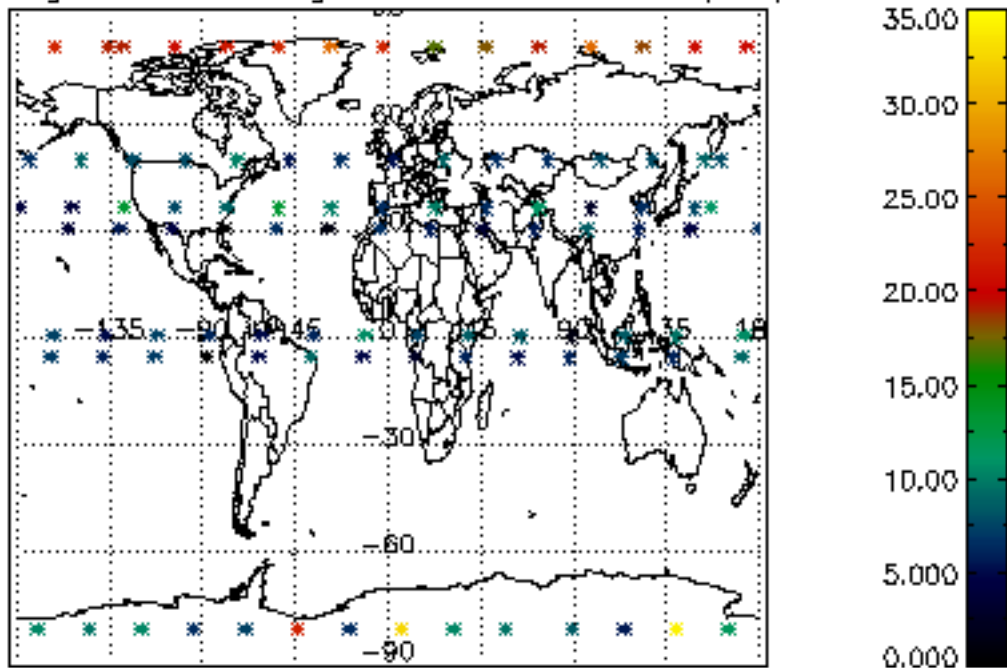
Percentage of cosmic ray hits per profile



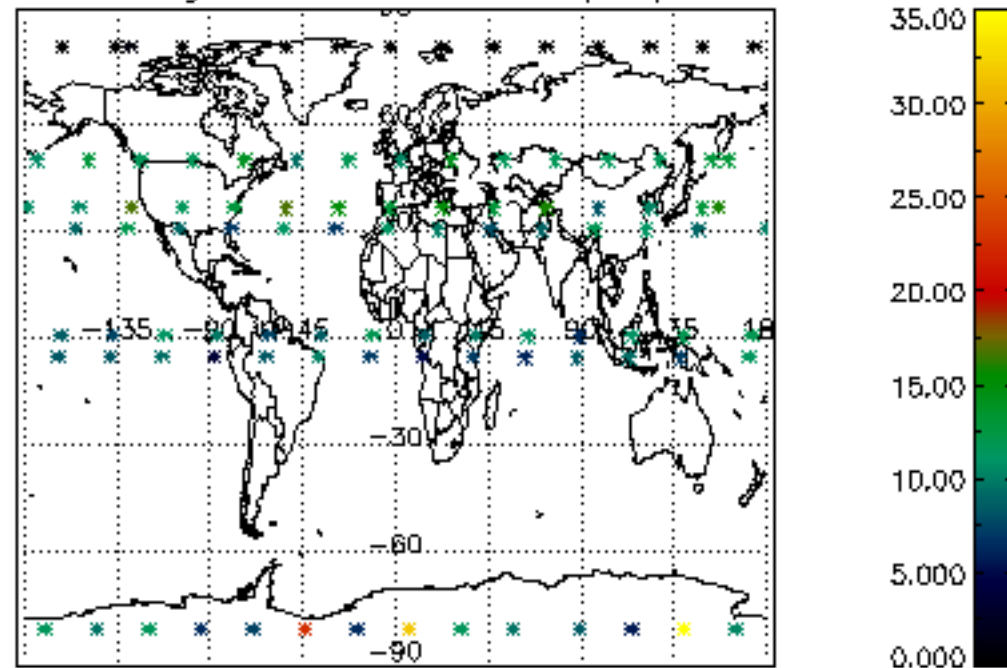
Percentage of datation errors per profile

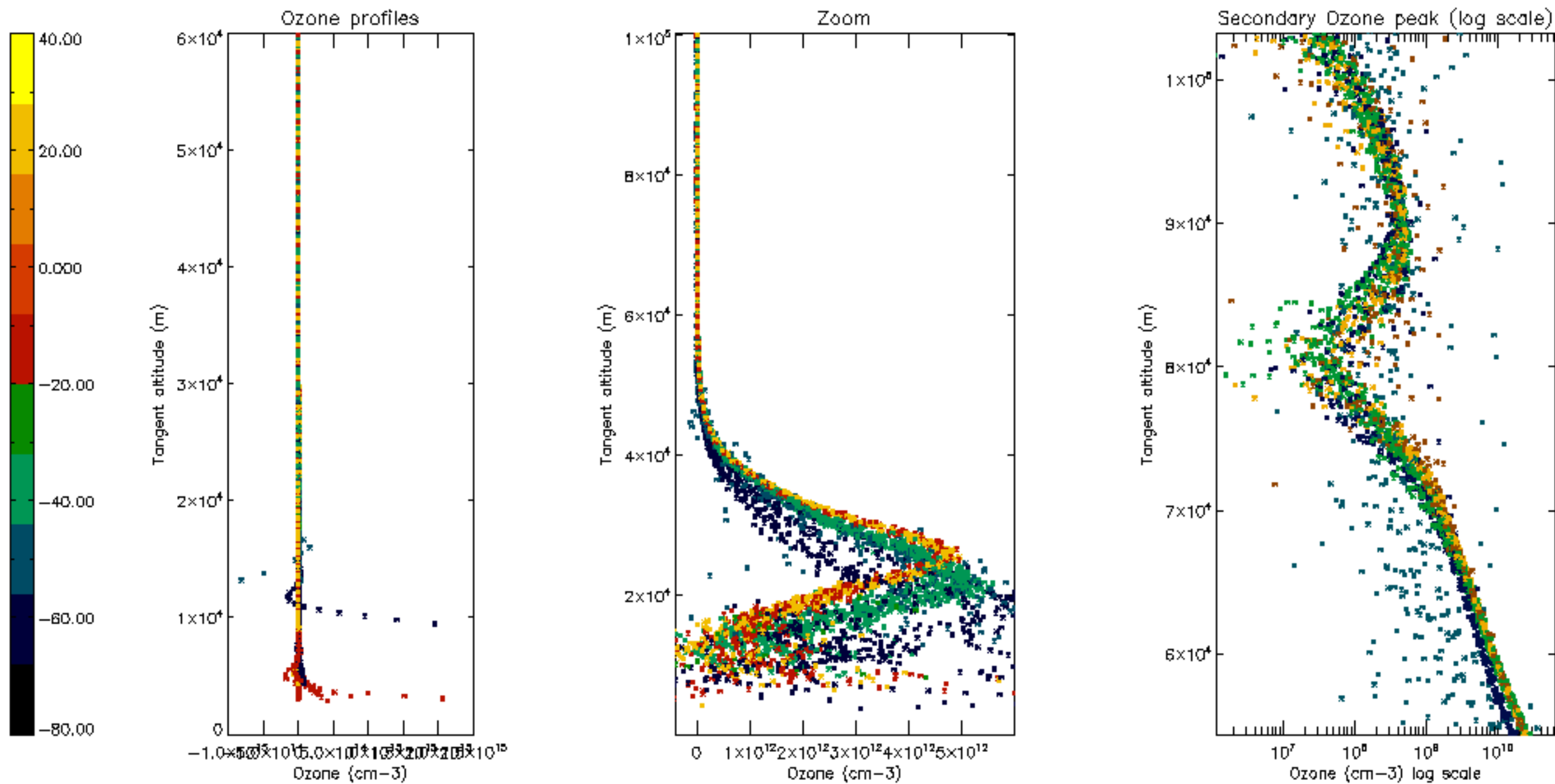


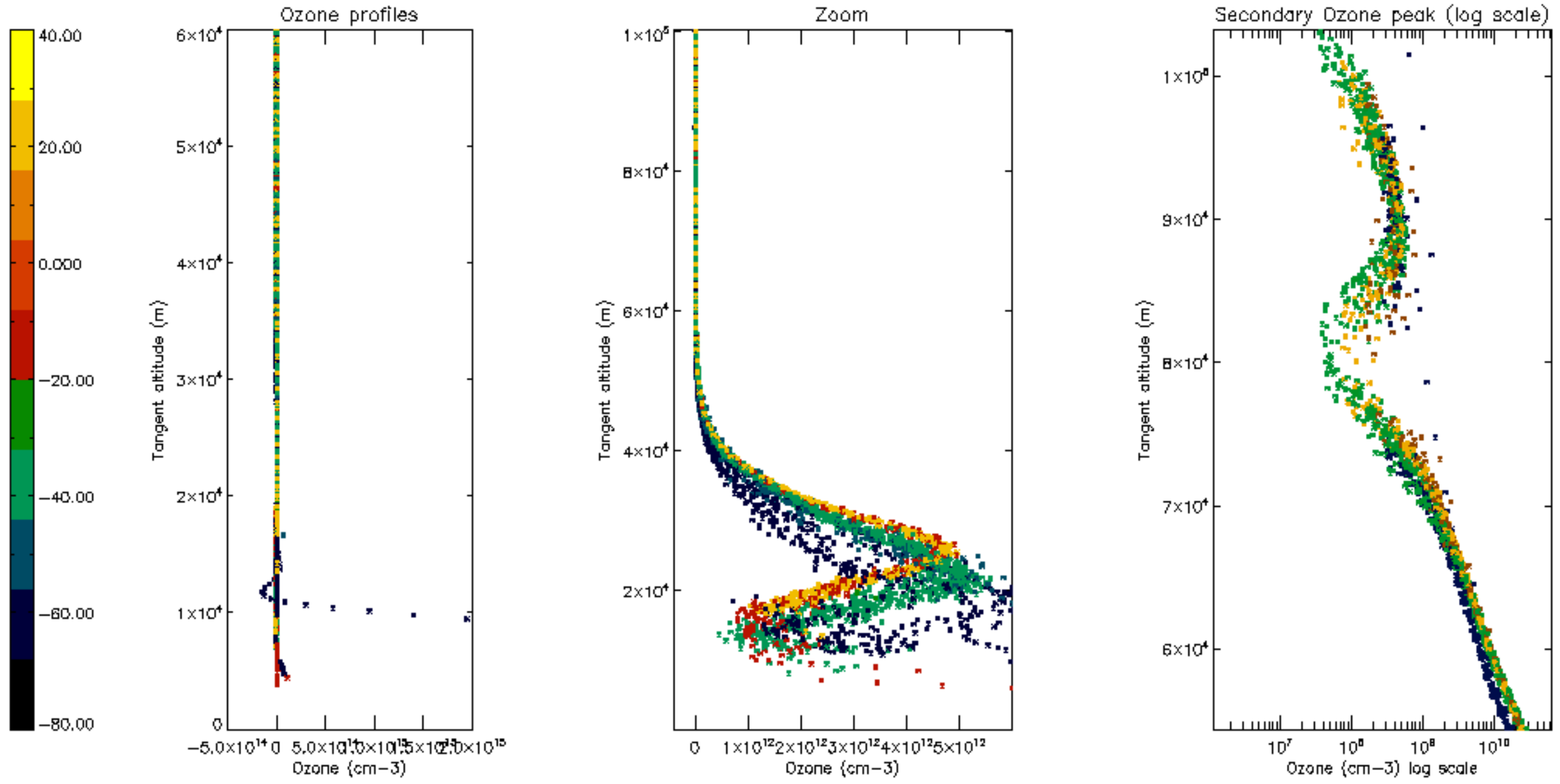
Percentage of star falling outside central band per profile

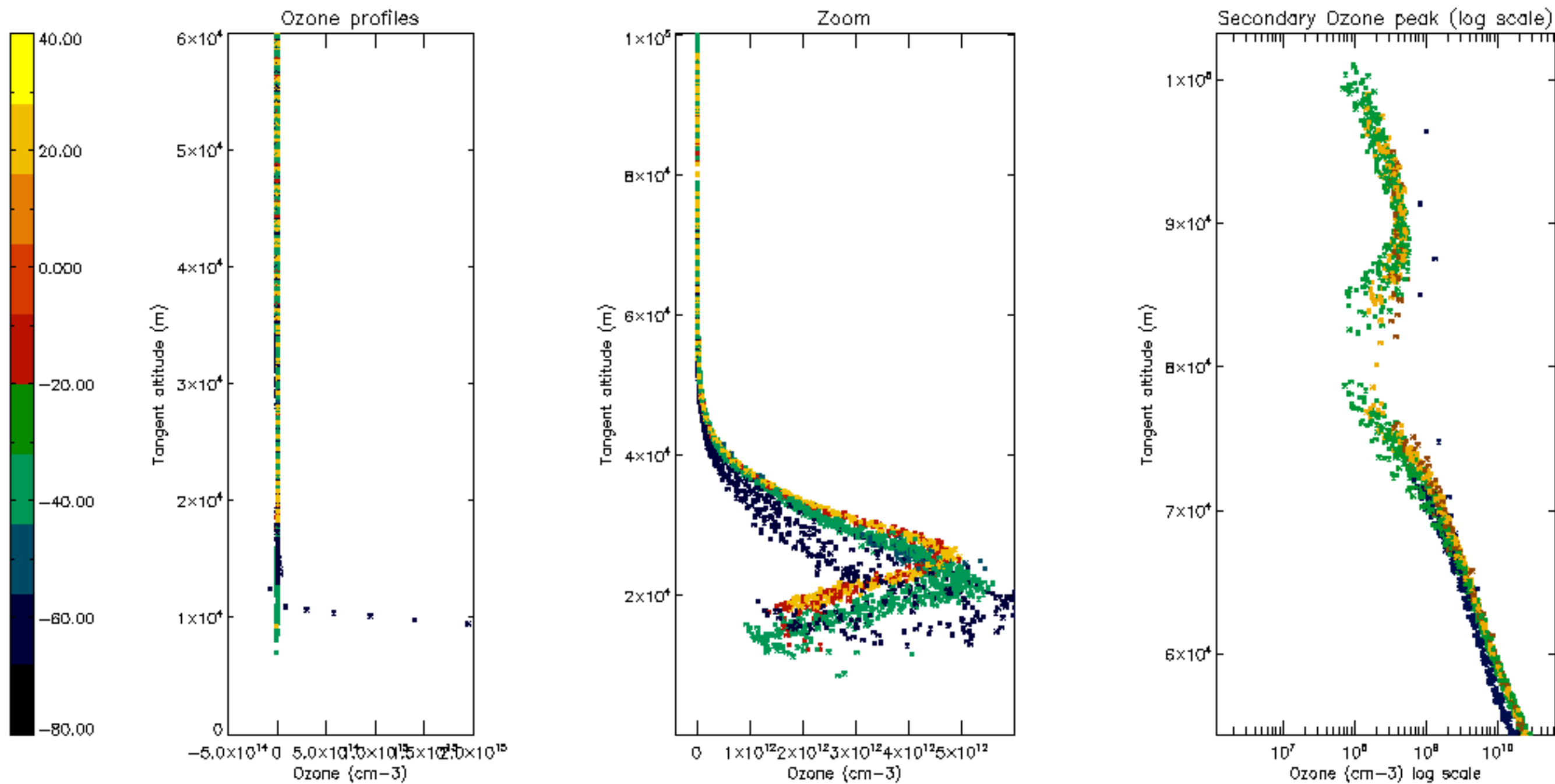


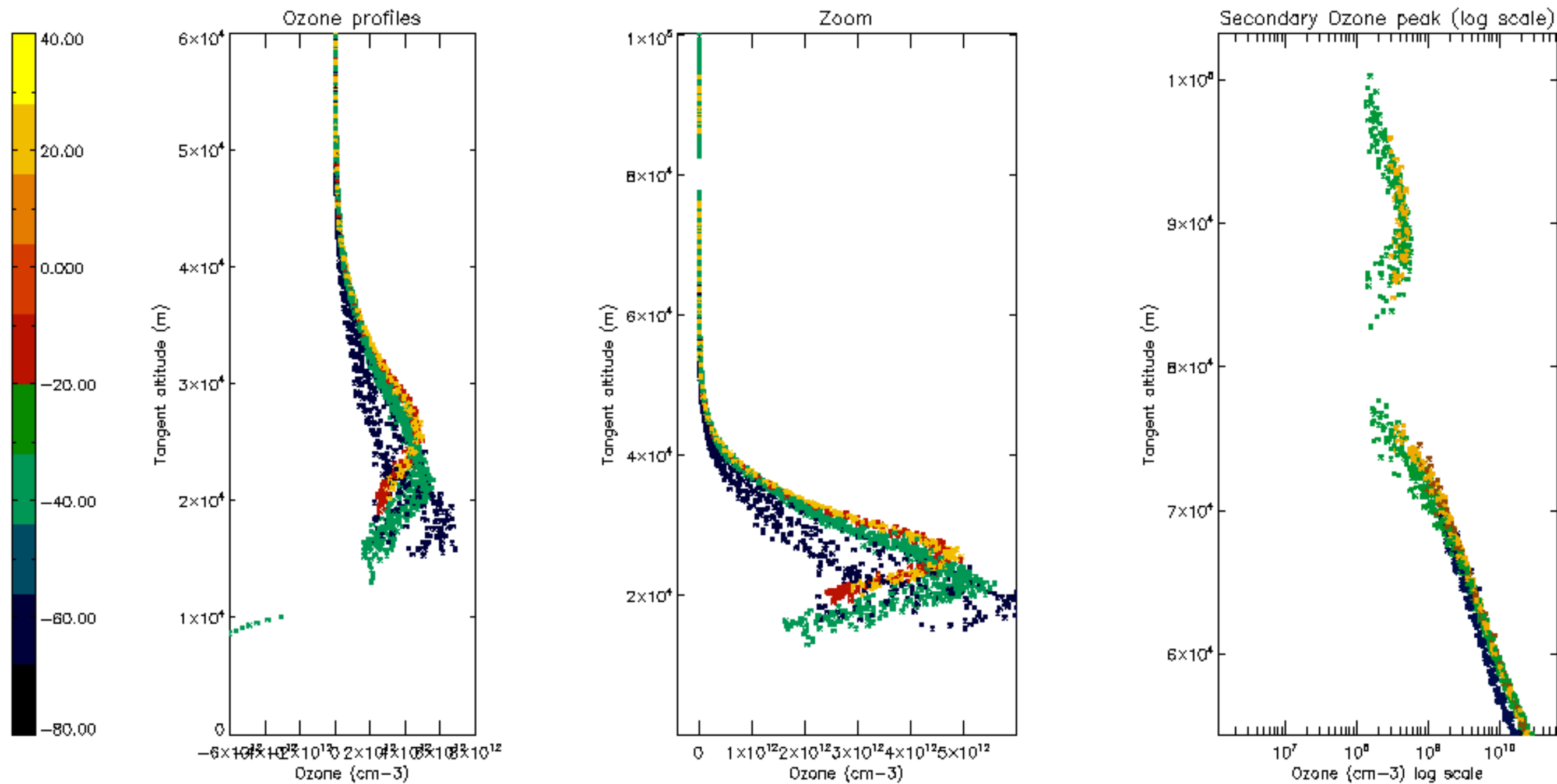
Percentage of saturation errors per profile

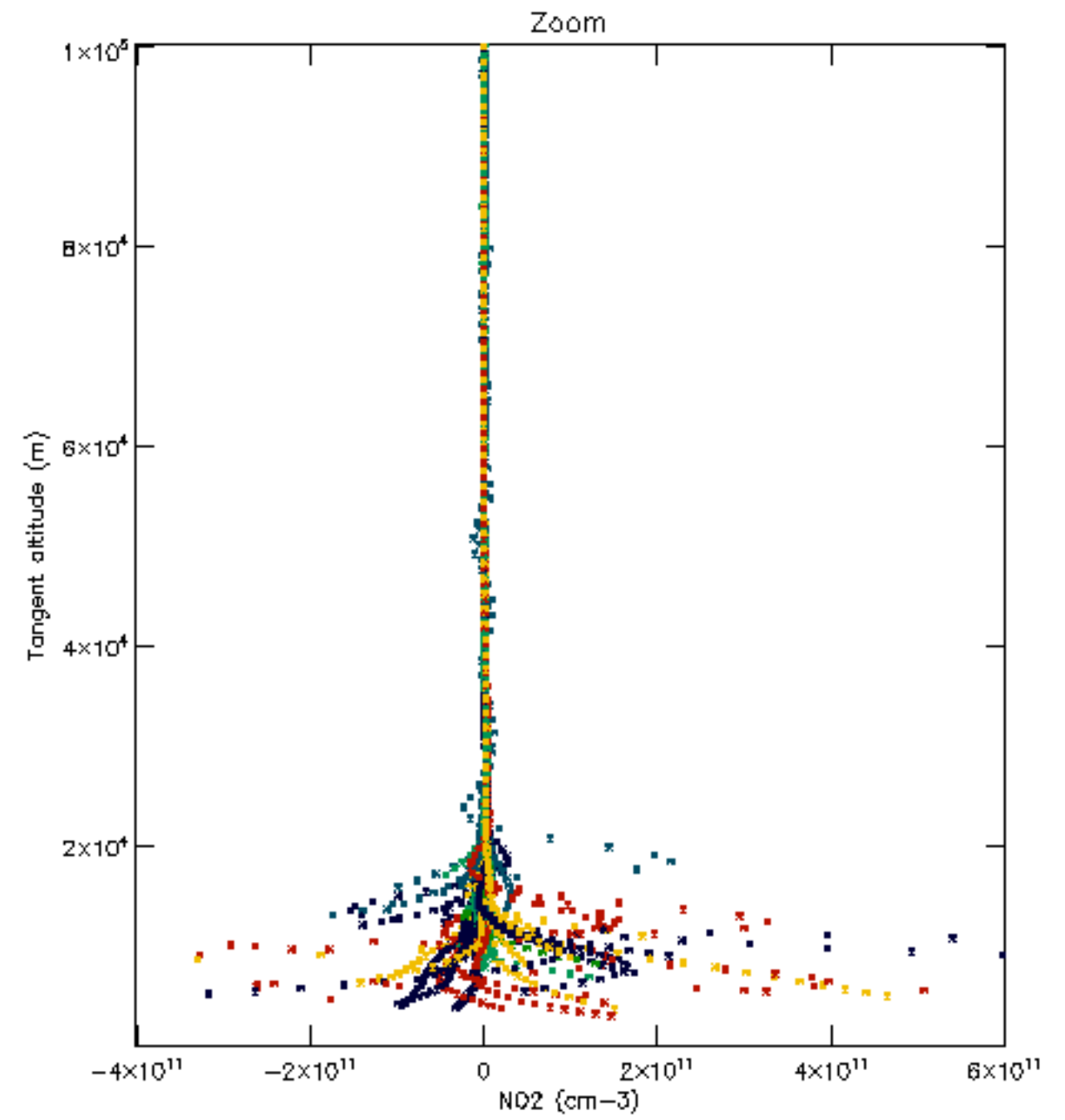
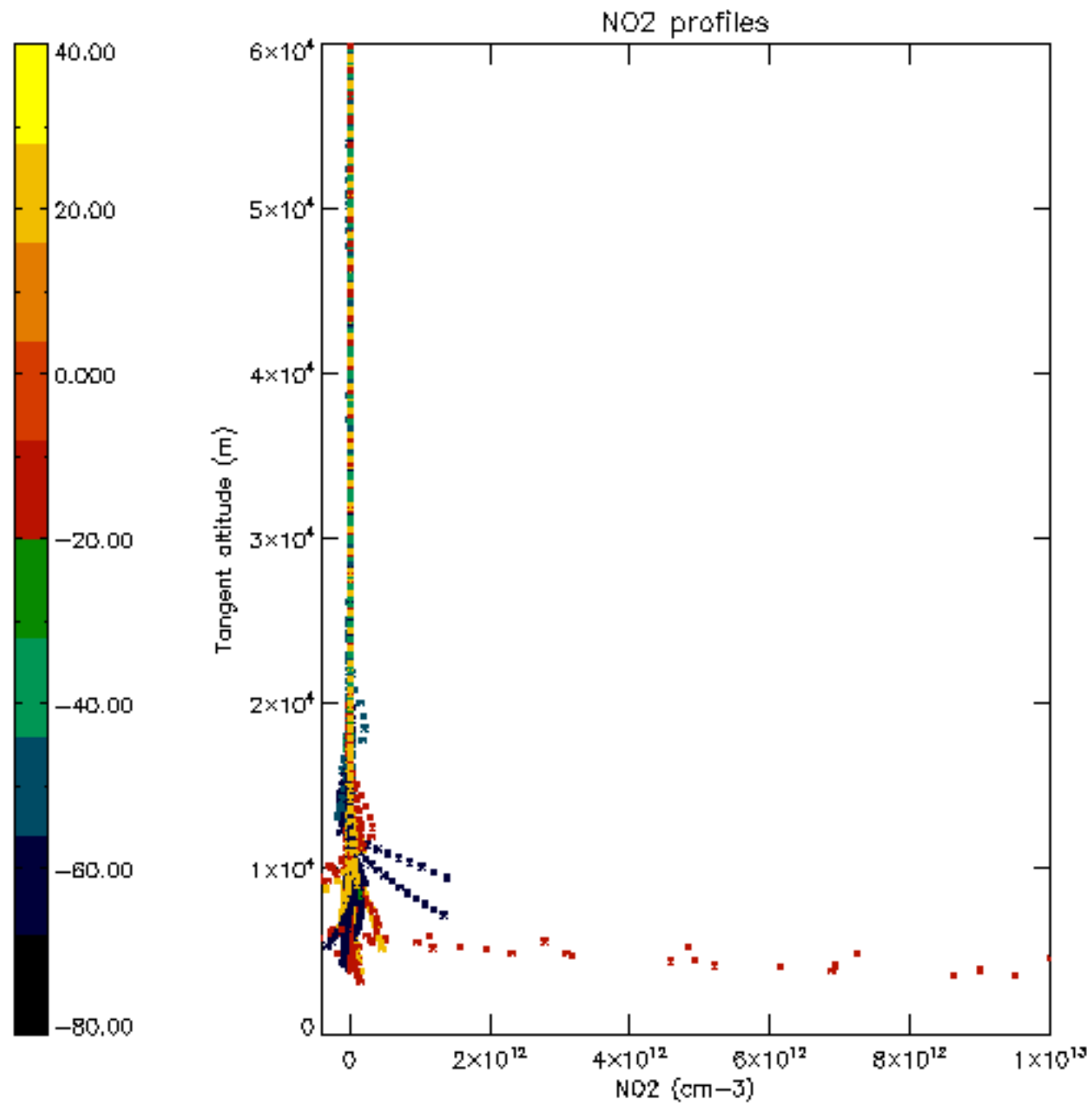


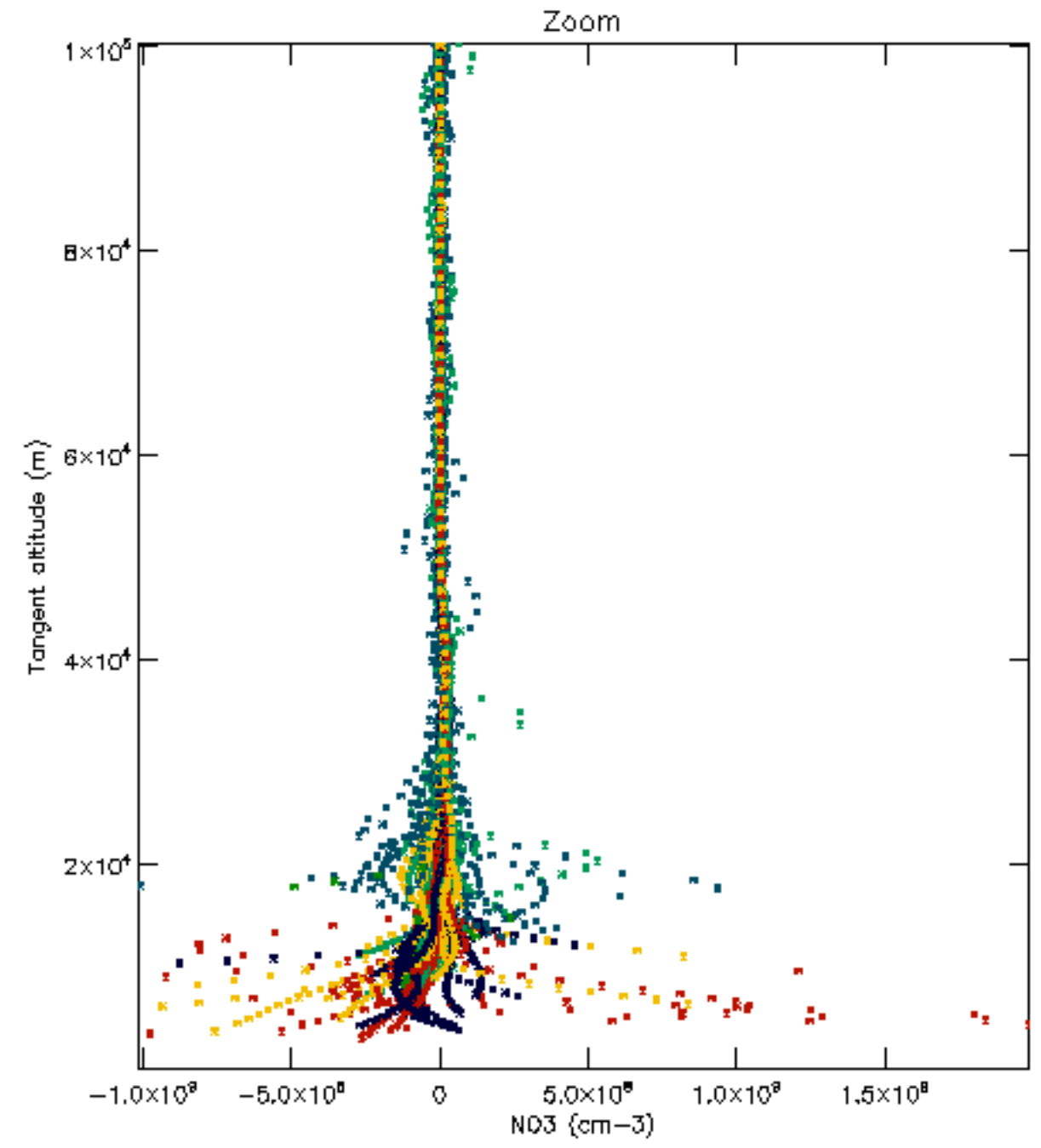
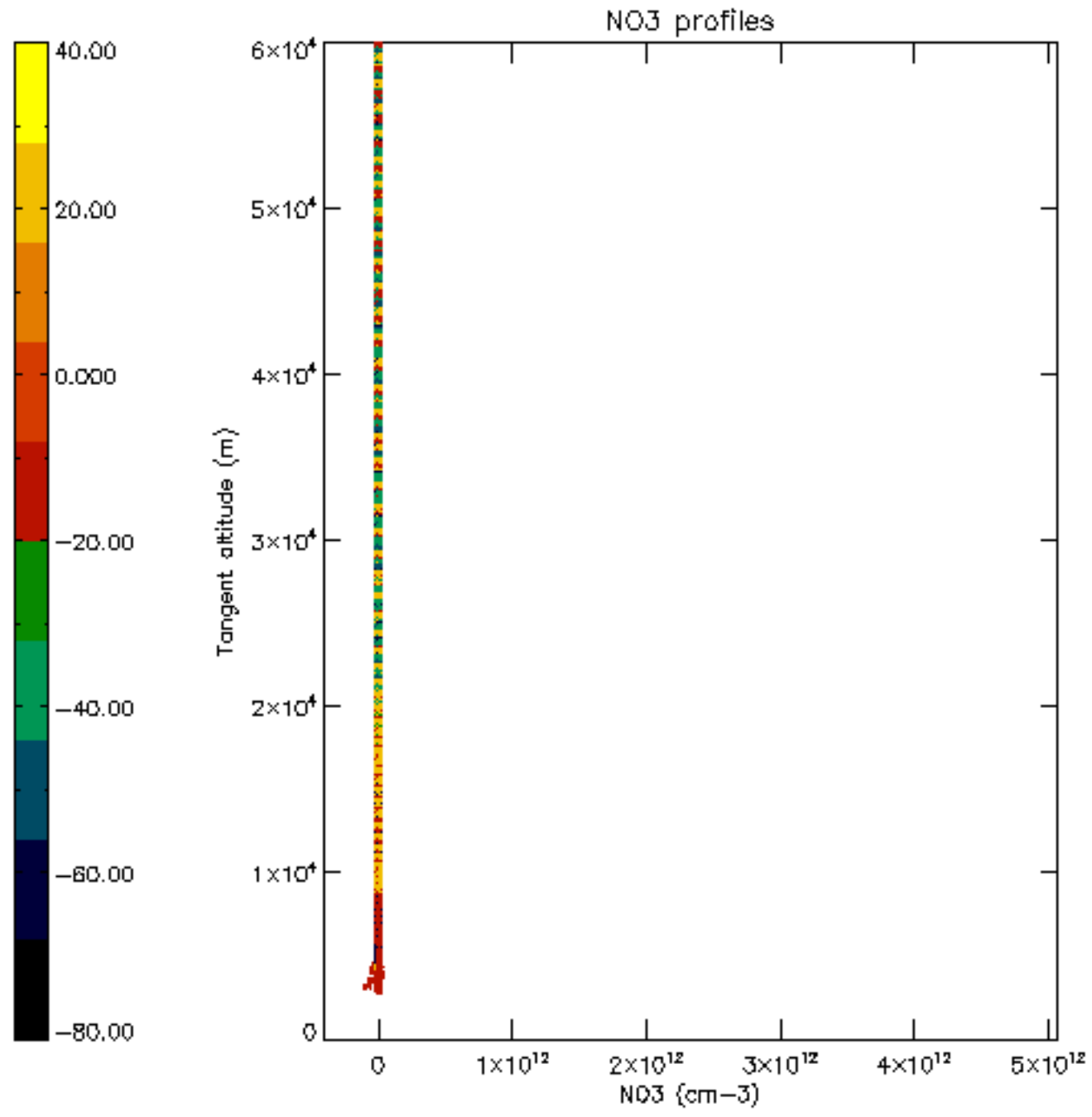


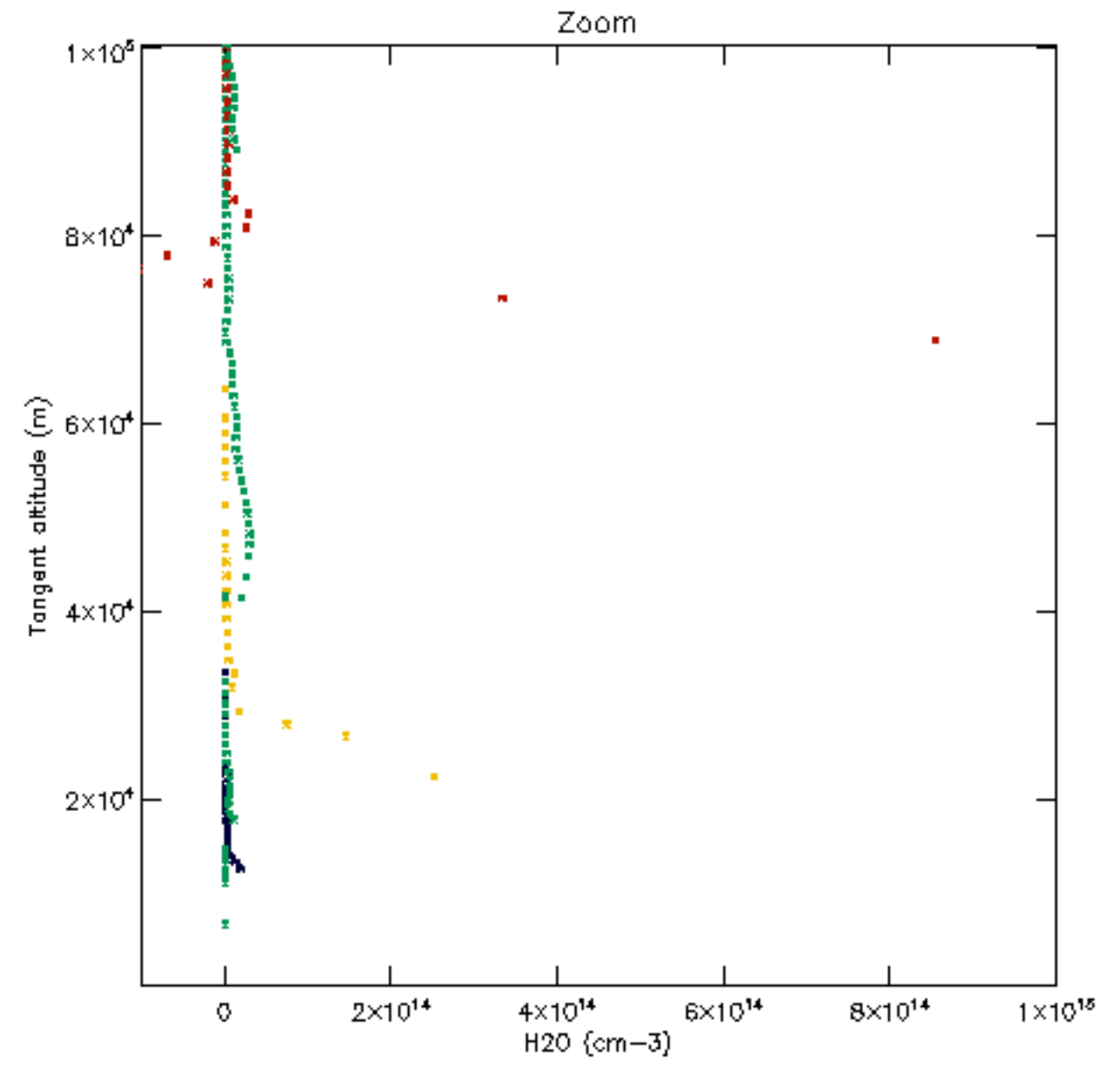
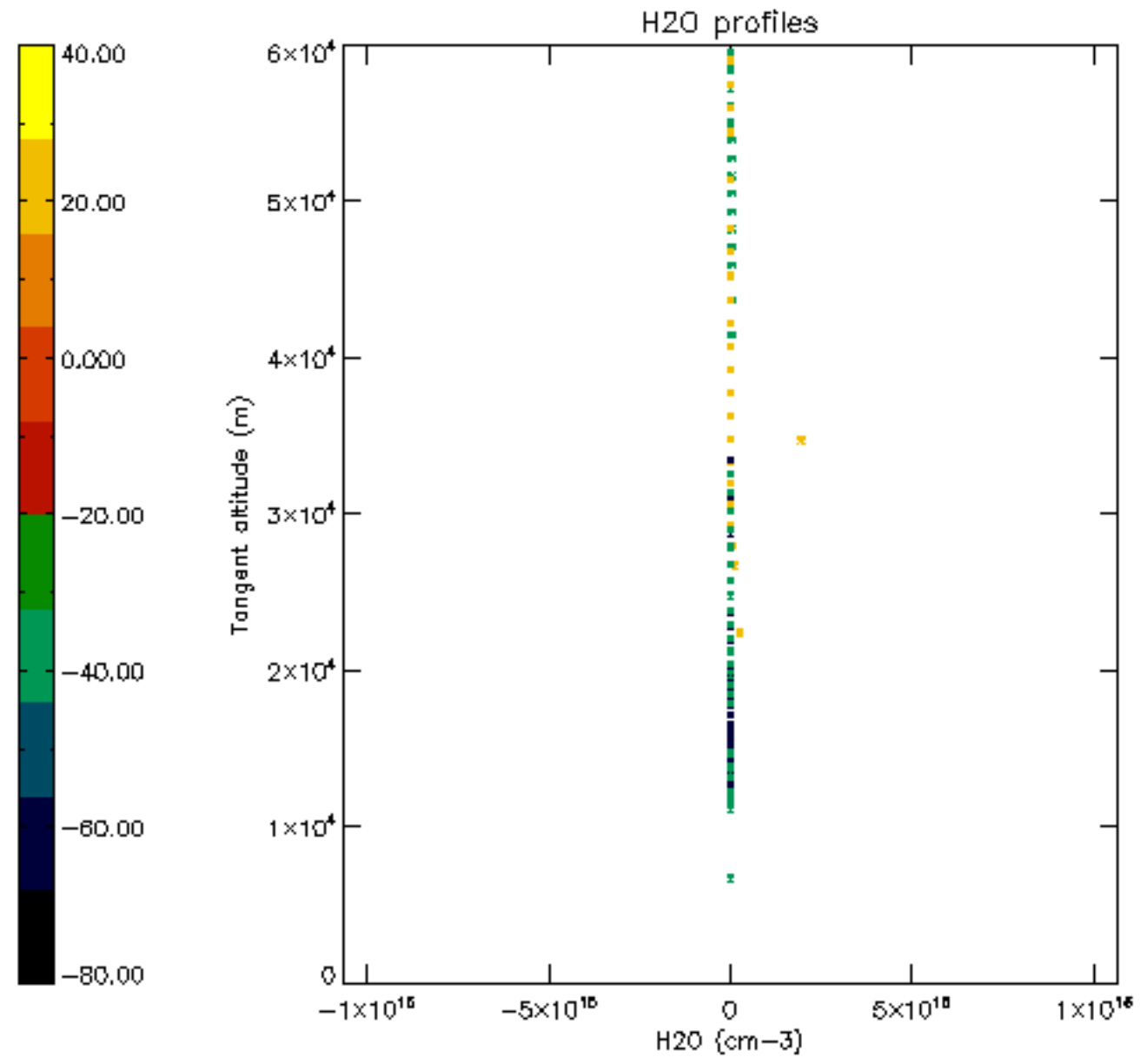


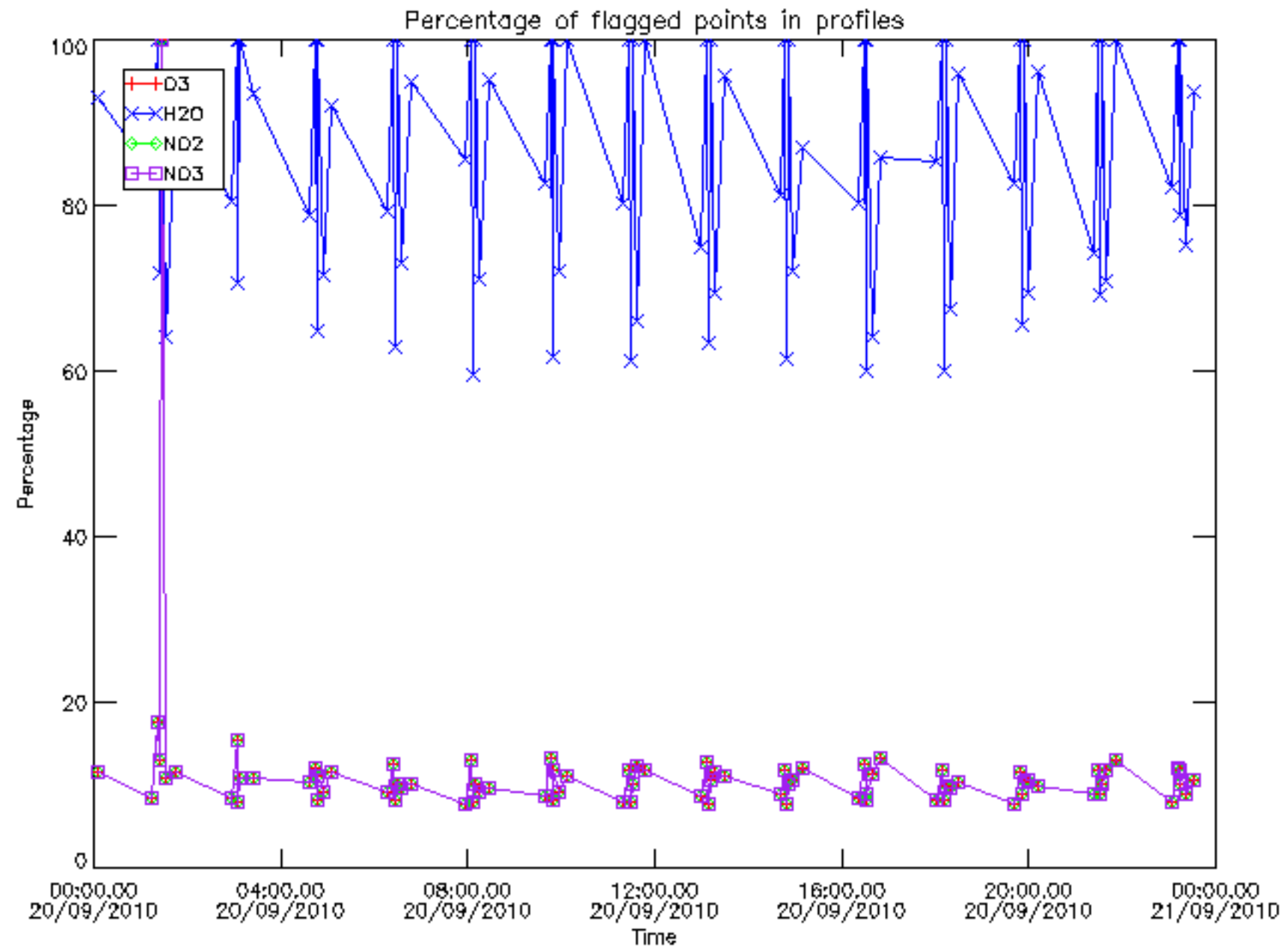




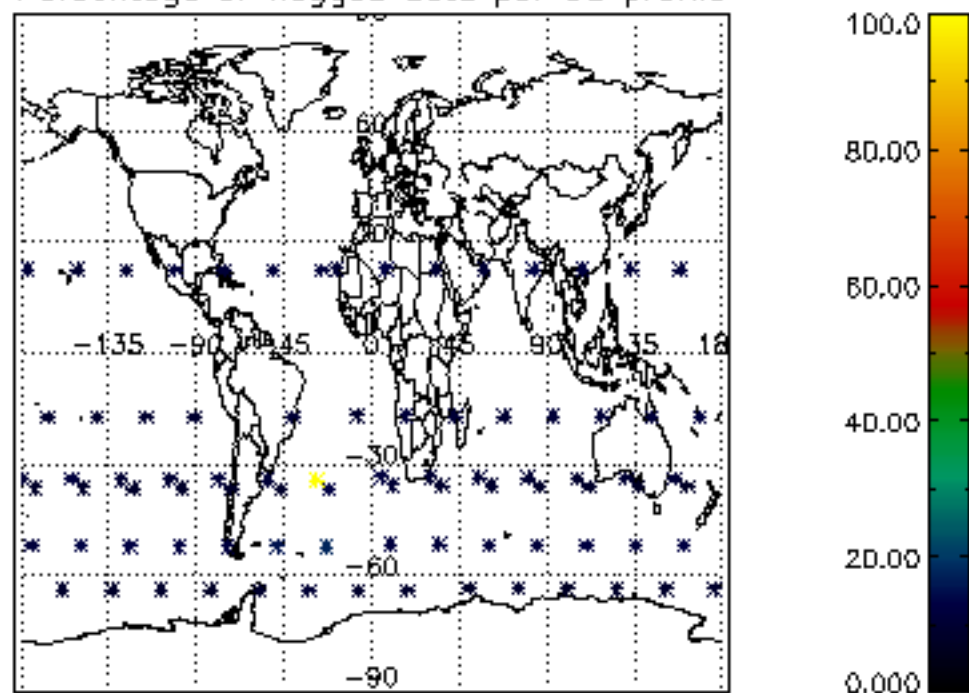




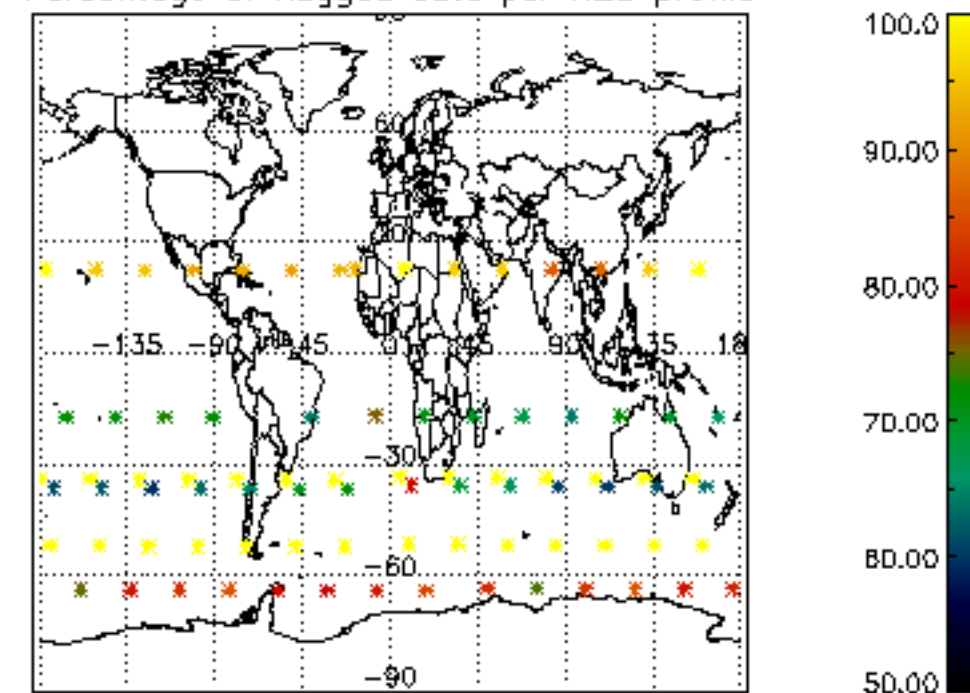




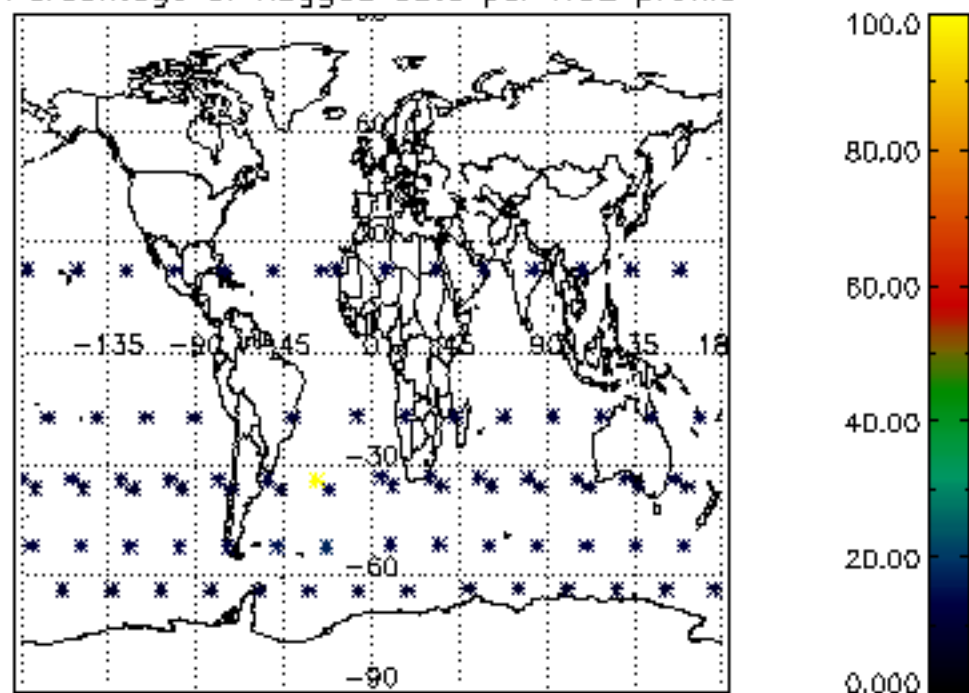
Percentage of flagged data per D3 profile



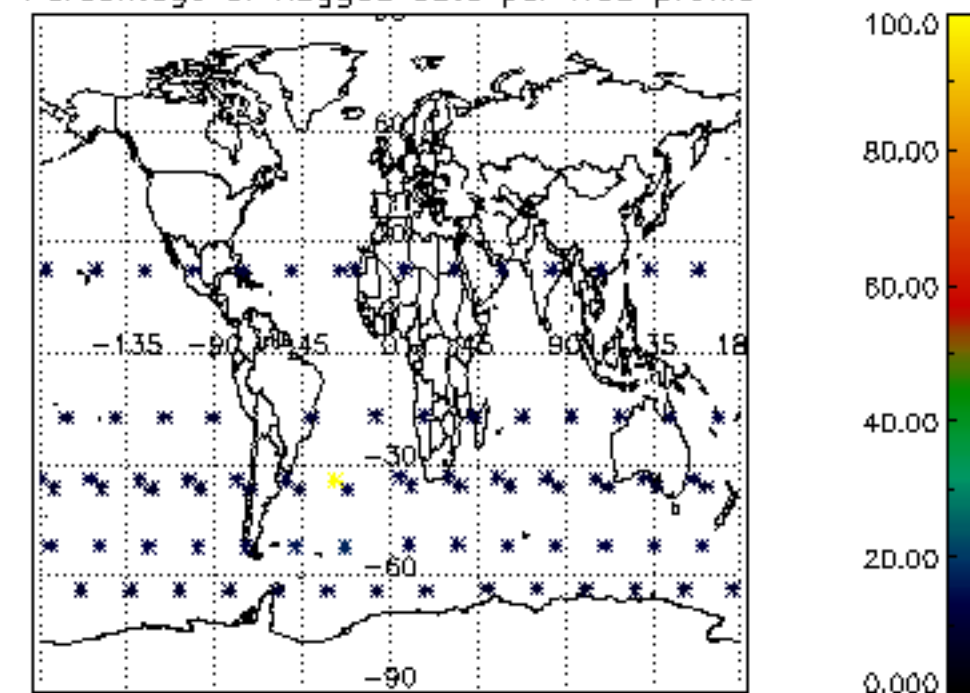
Percentage of flagged data per H2O profile

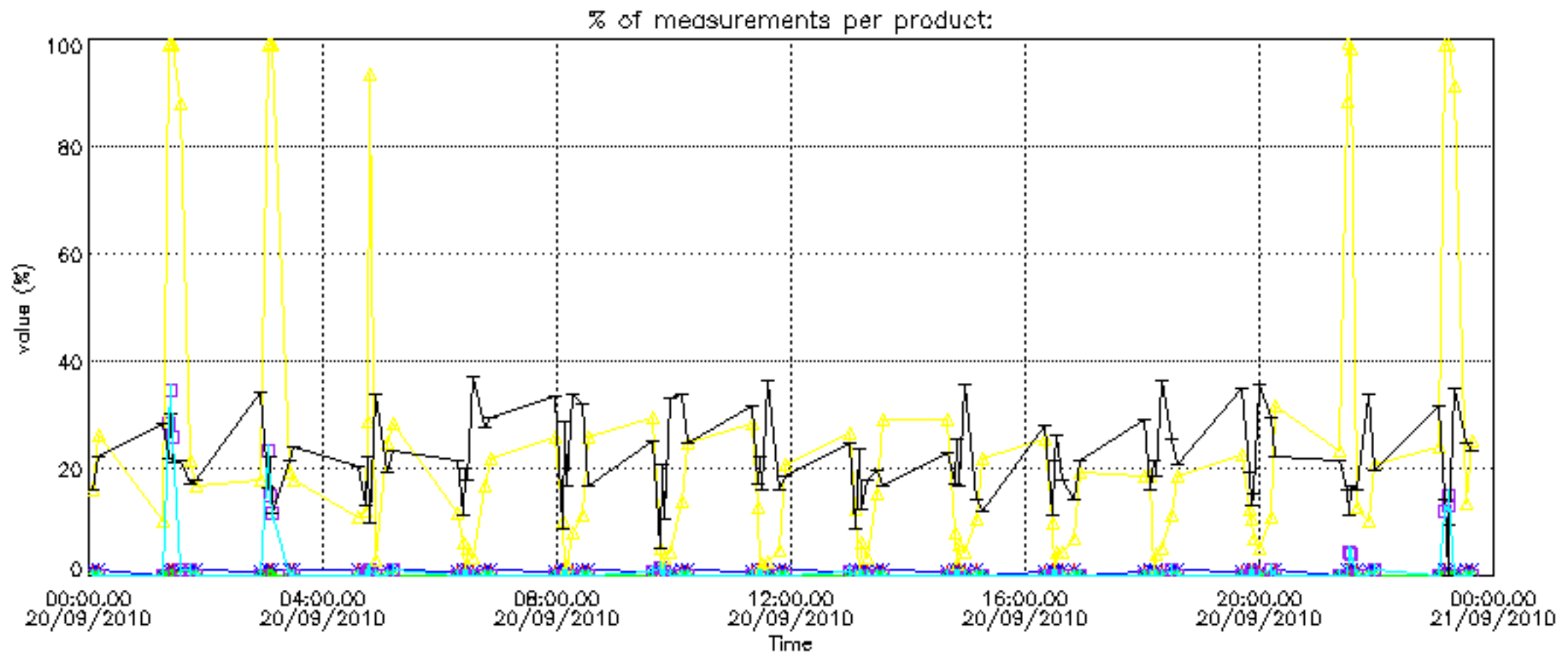


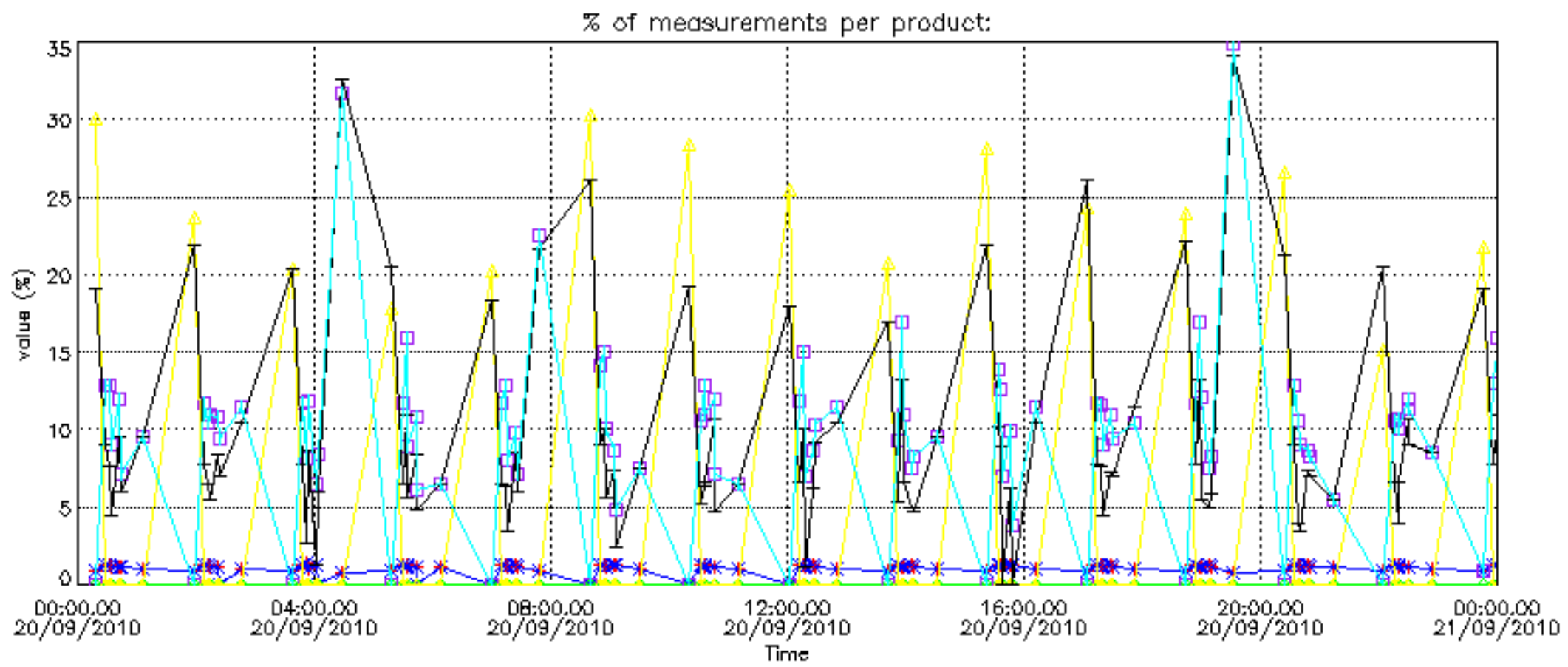
Percentage of flagged data per NO2 profile



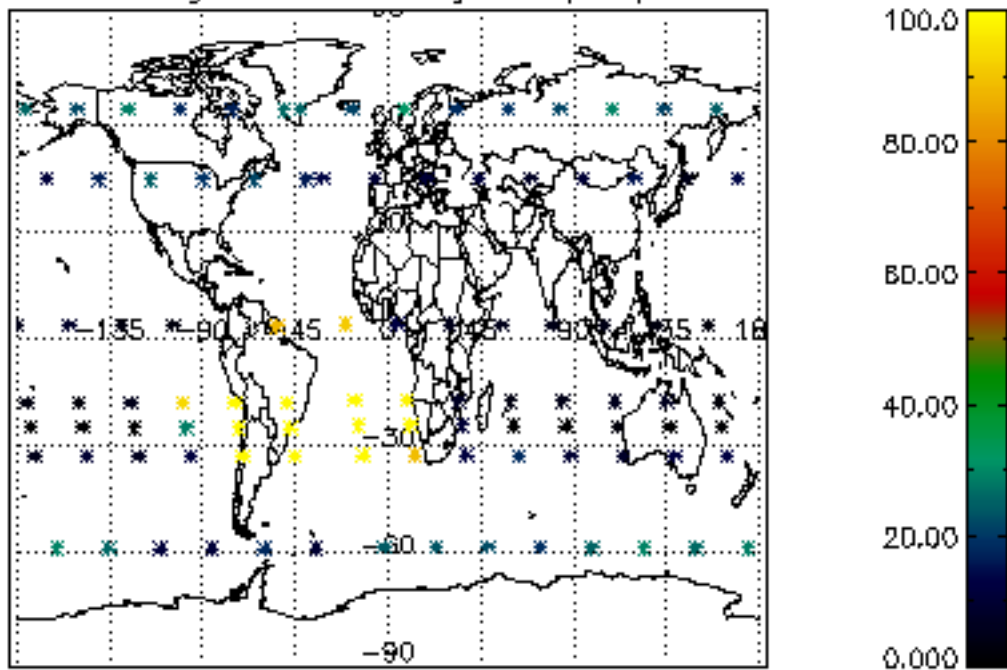
Percentage of flagged data per NO3 profile



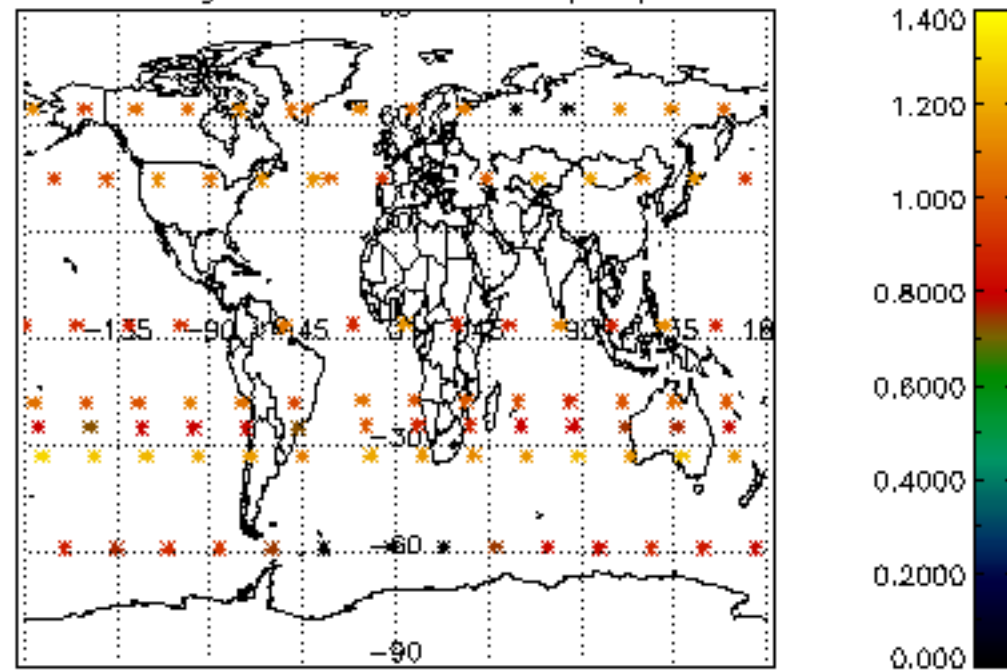




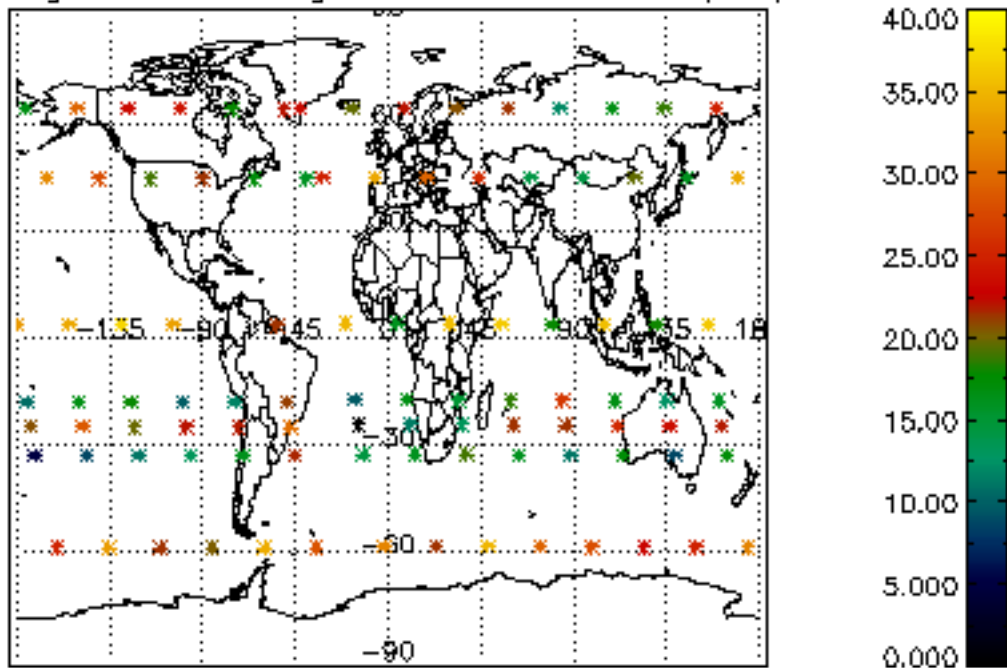
Percentage of cosmic ray hits per profile



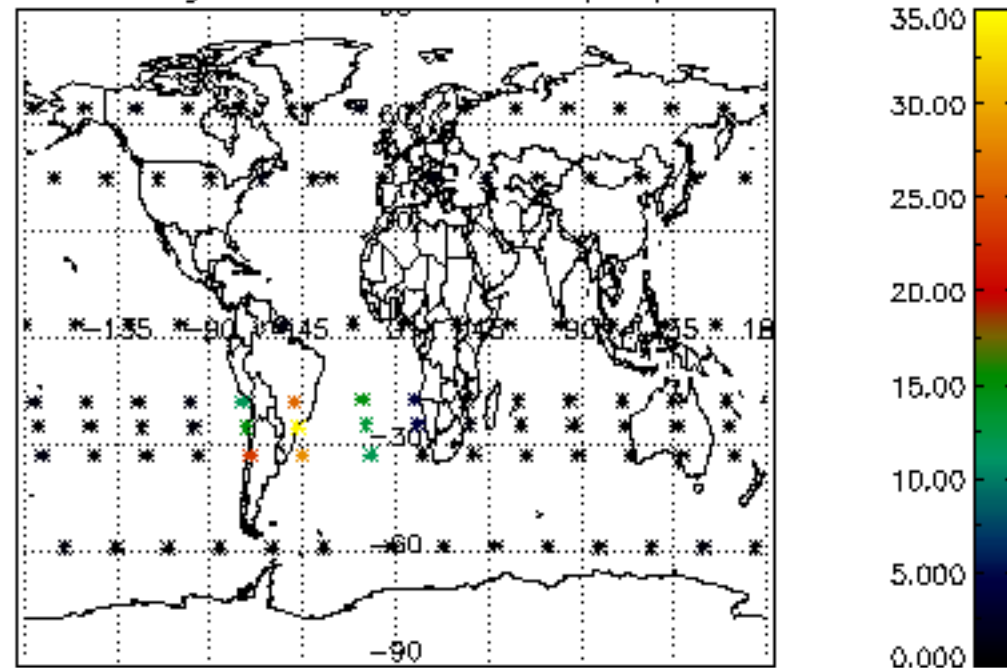
Percentage of datation errors per profile



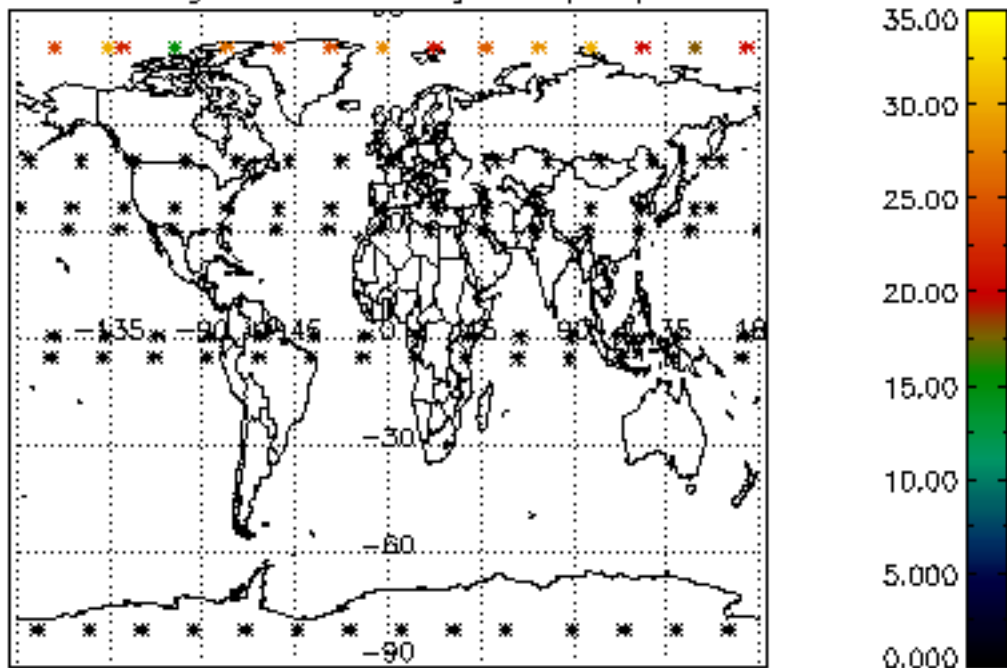
Percentage of star falling outside central band per profile



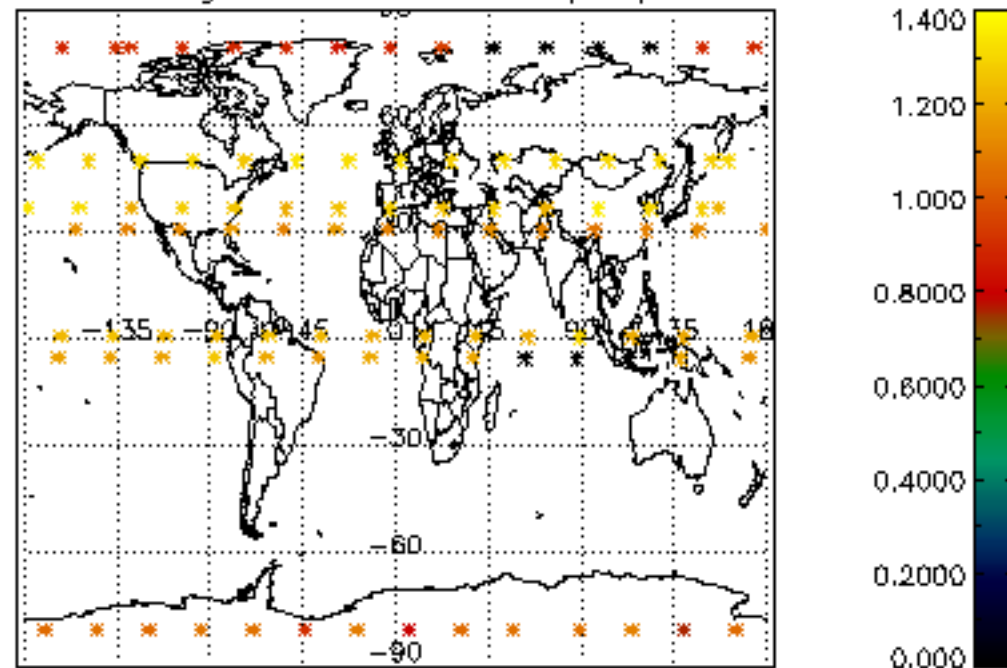
Percentage of saturation errors per profile



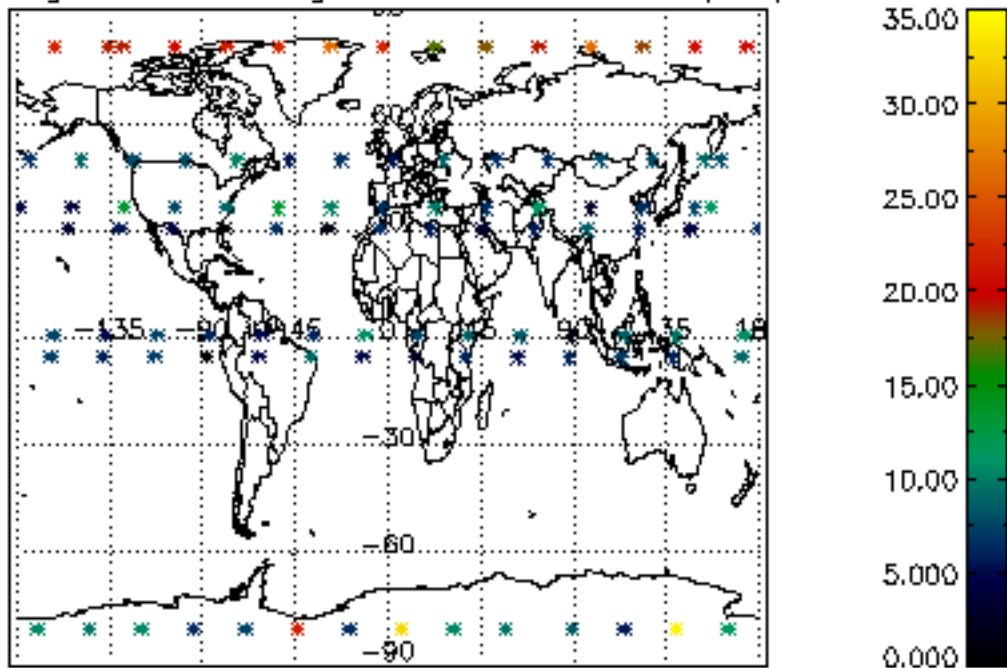
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

