

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	25APR2013 20:03:30
Data source version	GOMOS/6.01
Start time of products	18-09-2008 (18SEP2008 00:00:00)
Stop time of products	19-09-2008 (19SEP2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	205
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__2PRFIN20080918_000813_000000382072_00131_34253_6876.N1	18-SEP-2008 00:08:13	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	34253	No
2	GOM_NL__2PRFIN20080918_000939_000000512072_00131_34253_6877.N1	18-SEP-2008 00:09:39	Dark	50.500	9	Alp Eri	0.45300	24000.	101	34253	No
3	GOM_NL__2PRFIN20080918_001520_000000482072_00131_34253_6878.N1	18-SEP-2008 00:15:20	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	34253	No
4	GOM_NL__2PRFIN20080918_002251_000000562072_00131_34253_6879.N1	18-SEP-2008 00:22:51	Twilight_and_stray	56.000	52	16Bet Cet	2.0370	4500.0	112	34253	No
5	GOM_NL__2PRFIN20080918_003333_000000402072_00131_34253_6880.N1	18-SEP-2008 00:33:33	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	34253	No
6	GOM_NL__2PRFIN20080918_003723_000000402072_00131_34253_6881.N1	18-SEP-2008 00:37:23	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	34253	No
7	GOM_NL__2PRFIN20080918_003914_000000452072_00131_34253_6882.N1	18-SEP-2008 00:39:14	Bright	45.000	58	21Alp And	2.0730	11000.	90	34253	No
8	GOM_NL__2PRFIN20080918_004732_000000412072_00131_34253_6883.N1	18-SEP-2008 00:47:32	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	34253	No
9	GOM_NL__2PRFIN20080918_004916_000000432072_00131_34253_6884.N1	18-SEP-2008 00:49:16	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	34253	No
10	GOM_NL__2PRFIN20080918_011205_000000472072_00131_34253_6885.N1	18-SEP-2008 01:12:05	Bright	46.500	24	66Alp Gem	1.5800	10200.	93	34253	No
11	GOM_NL__2PRFIN20080918_012101_000000632072_00131_34253_6886.N1	18-SEP-2008 01:21:01	Dark	62.500	8	10Alp CMi	0.40000	6500.0	125	34253	No
12	GOM_NL__2PRFIN20080918_013027_000000692072_00131_34253_6887.N1	18-SEP-2008 01:30:27	Dark	68.500	1	9Alp CMa	-1.4400	11000.	137	34253	No
13	GOM_NL__2PRFIN20080918_013231_000000512072_00131_34253_6888.N1	18-SEP-2008 01:32:31	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	34253	No
14	GOM_NL__2PRFIN20080918_013839_000000462072_00132_34254_7126.N1	18-SEP-2008 01:38:39	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	34254	No
15	GOM_NL__2PRFIN20080918_014849_000000392072_00132_34254_7127.N1	18-SEP-2008 01:48:49	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	34254	No
16	GOM_NL__2PRFIN20080918_015016_000000452072_00132_34254_7128.N1	18-SEP-2008 01:50:16	Dark	44.500	9	Alp Eri	0.45300	24000.	89	34254	No
17	GOM_NL__2PRFIN20080918_015556_000000472072_00132_34254_7129.N1	18-SEP-2008 01:55:56	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	34254	No
18	GOM_NL__2PRFIN20080918_020327_000000532072_00132_34254_7130.N1	18-SEP-2008 02:03:27	Twilight_and_stray	53.000	52	16Bet Cet	2.0370	4500.0	106	34254	No
19	GOM_NL__2PRFIN20080918_021409_000000392072_00132_34254_7131.N1	18-SEP-2008 02:14:09	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	34254	No
20	GOM_NL__2PRFIN20080918_021759_000000412072_00132_34254_7132.N1	18-SEP-2008 02:17:59	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	34254	No
21	GOM_NL__2PRFIN20080918_021949_000000452072_00132_34254_7133.N1	18-SEP-2008 02:19:49	Bright	45.000	58	21Alp And	2.0730	11000.	90	34254	No
22	GOM_NL__2PRFIN20080918_022807_000000412072_00132_34254_7134.N1	18-SEP-2008 02:28:07	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	34254	No
23	GOM_NL__2PRFIN20080918_022951_000000402072_00132_34254_7135.N1	18-SEP-2008 02:29:51	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	34254	No
24	GOM_NL__2PRFIN20080918_025241_000000462072_00132_34254_7136.N1	18-SEP-2008 02:52:41	Bright	45.500	24	66Alp Gem	1.5800	10200.	91	34254	No
25	GOM_NL__2PRFIN20080918_030137_000000552072_00132_34254_7137.N1	18-SEP-2008 03:01:37	Dark	55.000	8	10Alp CMi	0.40000	6500.0	110	34254	No
26	GOM_NL__2PRFIN20080918_030901_000000412072_00132_34254_7138.N1	18-SEP-2008 03:09:01	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	34254	No
27	GOM_NL__2PRFIN20080918_031104_000000612072_00132_34254_7139.N1	18-SEP-2008 03:11:04	Dark	60.500	1	9Alp CMa	-1.4400	11000.	121	34254	No
28	GOM_NL__2PRFIN20080918_031308_000000522072_00132_34254_7140.N1	18-SEP-2008 03:13:08	Dark	52.000	23	21Eps CMa	1.5020	26000.	104	34254	No
29	GOM_NL__2PRFIN20080918_031916_000000532072_00133_34255_7137.N1	18-SEP-2008 03:19:16	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	34255	No
30	GOM_NL__2PRFIN20080918_032926_000000402072_00133_34255_7138.N1	18-SEP-2008 03:29:26	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	34255	No
31	GOM_NL__2PRFIN20080918_033052_000000472072_00133_34255_7139.N1	18-SEP-2008 03:30:52	Dark	46.500	9	Alp Eri	0.45300	24000.	93	34255	No
32	GOM_NL__2PRFIN20080918_033633_000000452072_00133_34255_7140.N1	18-SEP-2008 03:36:33	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	34255	No
33	GOM_NL__2PRFIN20080918_034404_000000592072_00133_34255_7141.N1	18-SEP-2008 03:44:04	Twilight_and_stray	58.500	52	16Bet Cet	2.0370	4500.0	117	34255	No
34	GOM_NL__2PRFIN20080918_035445_000000392072_00133_34255_7142.N1	18-SEP-2008 03:54:45	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	34255	No
35	GOM_NL__2PRFIN20080918_035835_000000392072_00133_34255_7143.N1	18-SEP-2008 03:58:35	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34255	No
36	GOM_NL__2PRFIN20080918_040025_000000452072_00133_34255_7144.N1	18-SEP-2008 04:00:25	Bright	45.000	58	21Alp And	2.0730	11000.	90	34255	No
37	GOM_NL__2PRFIN20080918_040843_000000372072_00133_34255_7145.N1	18-SEP-2008 04:08:43	Bright	37.000	74	11Bet Cas	2.2680	6600.0	74	34255	No
38	GOM_NL__2PRFIN20080918_041027_000000412072_00133_34255_7146.N1	18-SEP-2008 04:10:27	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	34255	No
39	GOM_NL__2PRFIN20080918_043318_000000642072_00133_34255_7147.N1	18-SEP-2008 04:33:18	Bright	64.000	24	66Alp Gem	1.5800	10200.	128	34255	No
40	GOM_NL__2PRFIN20080918_044214_000000472072_00133_34255_7148.N1	18-SEP-2008 04:42:14	Dark	47.000	8	10Alp CMi	0.40000	6500.0	94	34255	No
41	GOM_NL__2PRFIN20080918_044938_000000422072_00133_34255_7149.N1	18-SEP-2008 04:49:38	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	34255	No
42	GOM_NL__2PRFIN20080918_045141_000000632072_00133_34255_7150.N1	18-SEP-2008 04:51:41	Dark	63.000	1	9Alp CMa	-1.4400	11000.	126	34255	No

43	GOM_NL__2PRFIN20080918_045345_000000492072_00133_34255_7151.N1	18-SEP-2008 04:53:45	Dark	49.000	23	21Eps CMa	1.5020	26000.	98	34255	No
44	GOM_NL__2PRFIN20080918_045952_000000572072_00134_34256_7161.N1	18-SEP-2008 04:59:52	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	34256	No
45	GOM_NL__2PRFIN20080918_051003_000000412072_00134_34256_7162.N1	18-SEP-2008 05:10:03	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	34256	No
46	GOM_NL__2PRFIN20080918_051129_000000502072_00134_34256_7163.N1	18-SEP-2008 05:11:29	Dark	50.000	9	Alp Eri	0.45300	24000.	100	34256	No
47	GOM_NL__2PRFIN20080918_051709_000000462072_00134_34256_7164.N1	18-SEP-2008 05:17:09	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	34256	No
48	GOM_NL__2PRFIN20080918_052440_000000592072_00134_34256_7165.N1	18-SEP-2008 05:24:40	Twi_and_stray	59.000	52	16Bet Cet	2.0370	4500.0	118	34256	No
49	GOM_NL__2PRFIN20080918_053521_000000392072_00134_34256_7166.N1	18-SEP-2008 05:35:21	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	34256	No
50	GOM_NL__2PRFIN20080918_053910_000000402072_00134_34256_7167.N1	18-SEP-2008 05:39:10	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	34256	No
51	GOM_NL__2PRFIN20080918_054100_000000472072_00134_34256_7168.N1	18-SEP-2008 05:41:00	Bright	46.500	58	21Alp And	2.0730	11000.	93	34256	No
52	GOM_NL__2PRFIN20080918_054919_000000412072_00134_34256_7169.N1	18-SEP-2008 05:49:19	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	34256	No
53	GOM_NL__2PRFIN20080918_055102_000000422072_00134_34256_7170.N1	18-SEP-2008 05:51:02	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	34256	No
54	GOM_NL__2PRFIN20080918_061354_000000452072_00134_34256_7171.N1	18-SEP-2008 06:13:54	Bright	44.500	24	66Alp Gem	1.5800	10200.	89	34256	No
55	GOM_NL__2PRFIN20080918_062251_000000582072_00134_34256_7172.N1	18-SEP-2008 06:22:51	Dark	57.500	8	10Alp CMi	0.40000	6500.0	115	34256	No
56	GOM_NL__2PRFIN20080918_063014_000000452072_00134_34256_7173.N1	18-SEP-2008 06:30:14	Dark	44.500	132	15Rho Pup	2.8030	6900.0	89	34256	No
57	GOM_NL__2PRFIN20080918_063218_000000592072_00134_34256_7174.N1	18-SEP-2008 06:32:18	Dark	58.500	1	9Alp CMa	-1.4400	11000.	117	34256	No
58	GOM_NL__2PRFIN20080918_063422_000000512072_00134_34256_7175.N1	18-SEP-2008 06:34:22	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	34256	No
59	GOM_NL__2PRFIN20080918_064029_000000542072_00135_34257_7175.N1	18-SEP-2008 06:40:29	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	34257	No
60	GOM_NL__2PRFIN20080918_065039_000000392072_00135_34257_7176.N1	18-SEP-2008 06:50:39	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	34257	No
61	GOM_NL__2PRFIN20080918_065205_000000542072_00135_34257_7177.N1	18-SEP-2008 06:52:05	Dark	53.500	9	Alp Eri	0.45300	24000.	107	34257	No
62	GOM_NL__2PRFIN20080918_065745_000000442072_00135_34257_7178.N1	18-SEP-2008 06:57:45	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	34257	No
63	GOM_NL__2PRFIN20080918_070516_000000572072_00135_34257_7179.N1	18-SEP-2008 07:05:16	Twi_and_stray	57.000	52	16Bet Cet	2.0370	4500.0	114	34257	No
64	GOM_NL__2PRFIN20080918_071557_000000382072_00135_34257_7180.N1	18-SEP-2008 07:15:57	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	34257	No
65	GOM_NL__2PRFIN20080918_071946_000000372072_00135_34257_7181.N1	18-SEP-2008 07:19:46	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	34257	No
66	GOM_NL__2PRFIN20080918_072136_000000452072_00135_34257_7182.N1	18-SEP-2008 07:21:36	Bright	44.500	58	21Alp And	2.0730	11000.	89	34257	No
67	GOM_NL__2PRFIN20080918_072954_000000402072_00135_34257_7183.N1	18-SEP-2008 07:29:54	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	34257	No
68	GOM_NL__2PRFIN20080918_073138_000000422072_00135_34257_7184.N1	18-SEP-2008 07:31:38	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	34257	No
69	GOM_NL__2PRFIN20080918_075430_000000442072_00135_34257_7185.N1	18-SEP-2008 07:54:30	Bright	44.000	24	66Alp Gem	1.5800	10200.	88	34257	No
70	GOM_NL__2PRFIN20080918_080327_000000572072_00135_34257_7186.N1	18-SEP-2008 08:03:27	Dark	57.000	8	10Alp CMi	0.40000	6500.0	114	34257	No
71	GOM_NL__2PRFIN20080918_081051_000000432072_00135_34257_7187.N1	18-SEP-2008 08:10:51	Dark	43.000	132	15Rho Pup	2.8030	6900.0	86	34257	No
72	GOM_NL__2PRFIN20080918_081255_000000642072_00135_34257_7188.N1	18-SEP-2008 08:12:55	Dark	63.500	1	9Alp CMa	-1.4400	11000.	127	34257	No
73	GOM_NL__2PRFIN20080918_081459_000000532072_00135_34257_7189.N1	18-SEP-2008 08:14:59	Dark	53.000	23	21Eps CMa	1.5020	26000.	106	34257	No
74	GOM_NL__2PRFIN20080918_082106_000000572072_00136_34258_7187.N1	18-SEP-2008 08:21:06	Dark	56.500	2	Alp Car	-0.73600	7000.0	113	34258	No
75	GOM_NL__2PRFIN20080918_083115_000000392072_00136_34258_7188.N1	18-SEP-2008 08:31:15	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	34258	No
76	GOM_NL__2PRFIN20080918_083242_000000512072_00136_34258_7189.N1	18-SEP-2008 08:32:42	Dark	51.000	9	Alp Eri	0.45300	24000.	102	34258	No
77	GOM_NL__2PRFIN20080918_083822_000000432072_00136_34258_7190.N1	18-SEP-2008 08:38:22	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	34258	No
78	GOM_NL__2PRFIN20080918_084552_000000572072_00136_34258_7191.N1	18-SEP-2008 08:45:52	Twi_and_stray	56.500	52	16Bet Cet	2.0370	4500.0	113	34258	No
79	GOM_NL__2PRFIN20080918_085633_000000392072_00136_34258_7192.N1	18-SEP-2008 08:56:33	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	34258	No
80	GOM_NL__2PRFIN20080918_090022_000000402072_00136_34258_7193.N1	18-SEP-2008 09:00:22	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	34258	No
81	GOM_NL__2PRFIN20080918_090211_000000472072_00136_34258_7194.N1	18-SEP-2008 09:02:11	Bright	46.500	58	21Alp And	2.0730	11000.	93	34258	No
82	GOM_NL__2PRFIN20080918_091030_000000402072_00136_34258_7195.N1	18-SEP-2008 09:10:30	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	34258	No
83	GOM_NL__2PRFIN20080918_091213_000000422072_00136_34258_7196.N1	18-SEP-2008 09:12:13	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	34258	No
84	GOM_NL__2PRFIN20080918_093506_000000552072_00136_34258_7197.N1	18-SEP-2008 09:35:06	Bright	55.000	24	66Alp Gem	1.5800	10200.	110	34258	No
85	GOM_NL__2PRFIN20080918_094404_000000562072_00136_34258_7198.N1	18-SEP-2008 09:44:04	Dark	55.500	8	10Alp CMi	0.40000	6500.0	111	34258	No
86	GOM_NL__2PRFIN20080918_095127_000000432072_00136_34258_7199.N1	18-SEP-2008 09:51:27	Dark	43.000	132	15Rho Pup	2.8030	6900.0	86	34258	No
87	GOM_NL__2PRFIN20080918_095332_000000642072_00136_34258_7200.N1	18-SEP-2008 09:53:32	Dark	63.500	1	9Alp CMa	-1.4400	11000.	127	34258	No
88	GOM_NL__2PRFIN20080918_095535_000000522072_00136_34258_7201.N1	18-SEP-2008 09:55:35	Dark	52.000	23	21Eps CMa	1.5020	26000.	104	34258	No
89	GOM_NL__2PRFIN20080918_100142_000000542072_00137_34259_7200.N1	18-SEP-2008 10:01:42	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	34259	No
90	GOM_NL__2PRFIN20080918_101153_000000382072_00137_34259_7201.N1	18-SEP-2008 10:11:53	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	34259	No
91	GOM_NL__2PRFIN20080918_101318_000000472072_00137_34259_7202.N1	18-SEP-2008 10:13:18	Dark	46.500	9	Alp Eri	0.45300	24000.	93	34259	No
92	GOM_NL__2PRFIN20080918_101858_000000442072_00137_34259_7203.N1	18-SEP-2008 10:18:58	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	34259	No
93	GOM_NL__2PRFIN20080918_102628_000000562072_00137_34259_7204.N1	18-SEP-2008 10:26:28	Twi_and_stray	56.000	52	16Bet Cet	2.0370	4500.0	112	34259	No
94	GOM_NL__2PRFIN20080918_103708_000000382072_00137_34259_7205.N1	18-SEP-2008 10:37:08	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	34259	No
95	GOM_NL__2PRFIN20080918_104058_000000392072_00137_34259_7206.N1	18-SEP-2008 10:40:58	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	34259	No
96	GOM_NL__2PRFIN20080918_104246_000000442072_00137_34259_7207.N1	18-SEP-2008 10:42:46	Bright	44.000	58	21Alp And	2.0730	11000.	88	34259	No
97	GOM_NL__2PRFIN20080918_105105_000000422072_00137_34259_7208.N1	18-SEP-2008 10:51:05	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	34259	No
98	GOM_NL__2PRFIN20080918_105248_000000422072_00137_34259_7209.N1	18-SEP-2008 10:52:48	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	34259	No
99	GOM_NL__2PRFIN20080918_111542_000000462072_00137_34259_7210.N1	18-SEP-2008 11:15:42	Bright	46.000	24	66Alp Gem	1.5800	10200.	92	34259	No
100	GOM_NL__2PRFIN20080918_112440_000000652072_00137_34259_7211.N1	18-SEP-2008 11:24:40	Dark	65.000	8	10Alp CMi	0.40000	6500.0	130	34259	No
101	GOM_NL__2PRFIN20080918_113204_000000422072_00137_34259_7212.N1	18-SEP-2008 11:32:04	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	34259	No

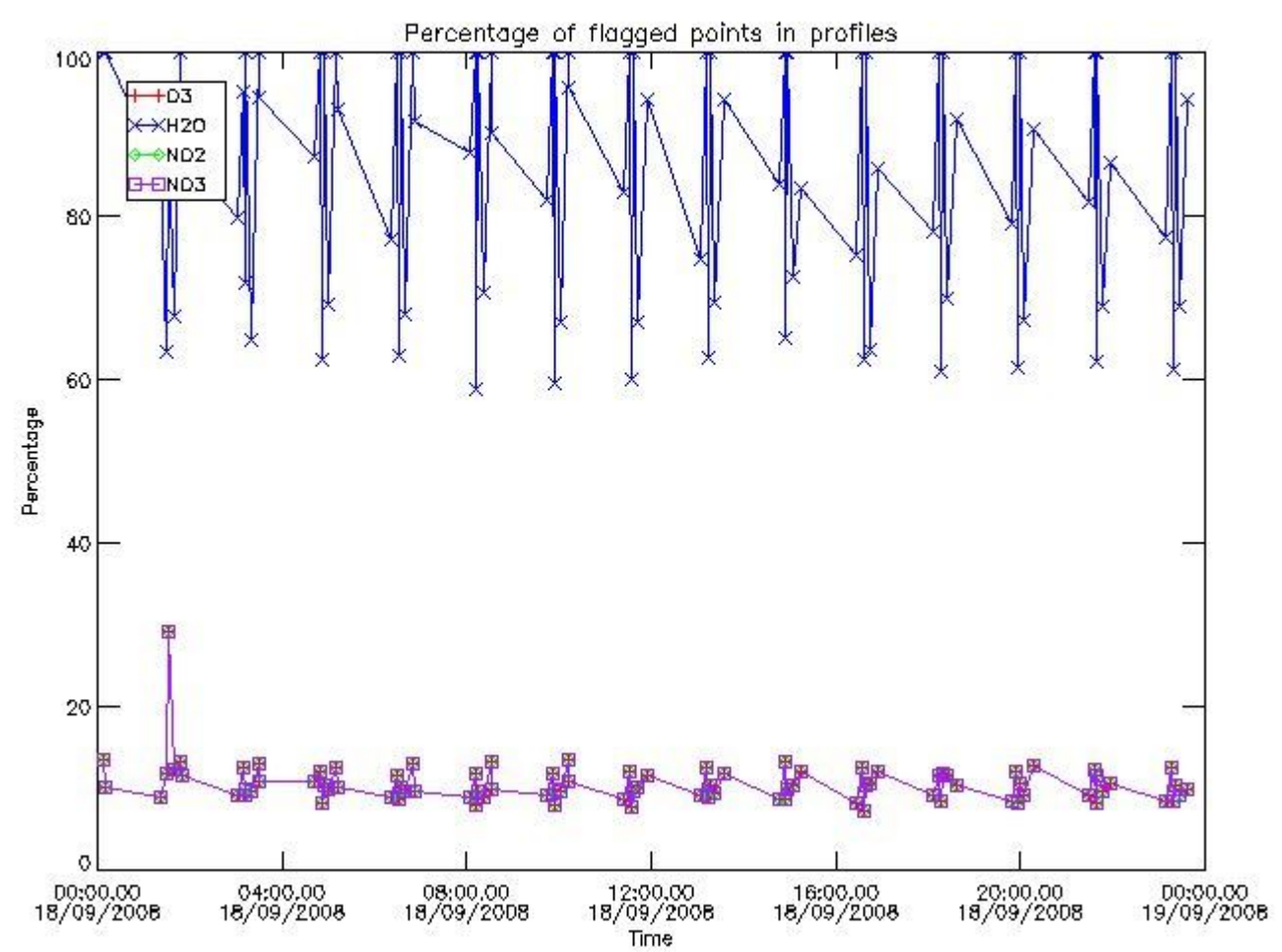
102	GOM_NL__2PRFIN20080918_113409_000000662072_00137_34259_7213.N1	18-SEP-2008 11:34:09	Dark	65.500	1	9Alp CMa	-1.4400	11000.	131	34259	No
103	GOM_NL__2PRFIN20080918_113612_000000532072_00137_34259_7214.N1	18-SEP-2008 11:36:12	Dark	53.000	23	21Eps CMa	1.5020	26000.	106	34259	No
104	GOM_NL__2PRFIN20080918_114219_000000552072_00138_34260_7217.N1	18-SEP-2008 11:42:19	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	34260	No
105	GOM_NL__2PRFIN20080918_115354_000000442072_00138_34260_7218.N1	18-SEP-2008 11:53:54	Dark	44.000	9	Alp Eri	0.45300	24000.	88	34260	No
106	GOM_NL__2PRFIN20080918_115934_000000422072_00138_34260_7219.N1	18-SEP-2008 11:59:34	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	34260	No
107	GOM_NL__2PRFIN20080918_120704_000000572072_00138_34260_7220.N1	18-SEP-2008 12:07:04	Tw_i_and_stray	56.500	52	16Bet Cet	2.0370	4500.0	113	34260	No
108	GOM_NL__2PRFIN20080918_121744_000000382072_00138_34260_7221.N1	18-SEP-2008 12:17:44	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	34260	No
109	GOM_NL__2PRFIN20080918_122133_000000392072_00138_34260_7222.N1	18-SEP-2008 12:21:33	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34260	No
110	GOM_NL__2PRFIN20080918_122321_000000462072_00138_34260_7223.N1	18-SEP-2008 12:23:21	Bright	45.500	58	21Alp And	2.0730	11000.	91	34260	No
111	GOM_NL__2PRFIN20080918_123141_000000422072_00138_34260_7224.N1	18-SEP-2008 12:31:41	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	34260	No
112	GOM_NL__2PRFIN20080918_123324_000000432072_00138_34260_7225.N1	18-SEP-2008 12:33:24	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	34260	No
113	GOM_NL__2PRFIN20080918_125618_000000472072_00138_34260_7226.N1	18-SEP-2008 12:56:18	Bright	46.500	24	66Alp Gem	1.5800	10200.	93	34260	No
114	GOM_NL__2PRFIN20080918_130517_000000562072_00138_34260_7227.N1	18-SEP-2008 13:05:17	Dark	56.000	8	10Alp CMi	0.40000	6500.0	112	34260	No
115	GOM_NL__2PRFIN20080918_131240_000000412072_00138_34260_7228.N1	18-SEP-2008 13:12:40	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	34260	No
116	GOM_NL__2PRFIN20080918_131446_000000622072_00138_34260_7229.N1	18-SEP-2008 13:14:46	Dark	62.000	1	9Alp CMa	-1.4400	11000.	124	34260	No
117	GOM_NL__2PRFIN20080918_131649_000000492072_00138_34260_7230.N1	18-SEP-2008 13:16:49	Dark	49.000	23	21Eps CMa	1.5020	26000.	98	34260	No
118	GOM_NL__2PRFIN20080918_132255_000000552072_00139_34261_7253.N1	18-SEP-2008 13:22:55	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	34261	No
119	GOM_NL__2PRFIN20080918_133431_000000432072_00139_34261_7254.N1	18-SEP-2008 13:34:31	Dark	43.000	9	Alp Eri	0.45300	24000.	86	34261	No
120	GOM_NL__2PRFIN20080918_134010_000000452072_00139_34261_7255.N1	18-SEP-2008 13:40:10	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	34261	No
121	GOM_NL__2PRFIN20080918_134740_000000562072_00139_34261_7256.N1	18-SEP-2008 13:47:40	Tw_i_and_stray	56.000	52	16Bet Cet	2.0370	4500.0	112	34261	No
122	GOM_NL__2PRFIN20080918_135820_000000392072_00139_34261_7257.N1	18-SEP-2008 13:58:20	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34261	No
123	GOM_NL__2PRFIN20080918_140209_000000392072_00139_34261_7258.N1	18-SEP-2008 14:02:09	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34261	No
124	GOM_NL__2PRFIN20080918_140357_000000452072_00139_34261_7259.N1	18-SEP-2008 14:03:57	Bright	44.500	58	21Alp And	2.0730	11000.	89	34261	No
125	GOM_NL__2PRFIN20080918_141216_000000402072_00139_34261_7260.N1	18-SEP-2008 14:12:16	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	34261	No
126	GOM_NL__2PRFIN20080918_141359_000000382072_00139_34261_7261.N1	18-SEP-2008 14:13:59	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	34261	No
127	GOM_NL__2PRFIN20080918_143654_000000482072_00139_34261_7262.N1	18-SEP-2008 14:36:54	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	34261	No
128	GOM_NL__2PRFIN20080918_144553_000000592072_00139_34261_7263.N1	18-SEP-2008 14:45:53	Dark	59.000	8	10Alp CMi	0.40000	6500.0	118	34261	No
129	GOM_NL__2PRFIN20080918_145317_000000392072_00139_34261_7264.N1	18-SEP-2008 14:53:17	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	34261	No
130	GOM_NL__2PRFIN20080918_145523_000000592072_00139_34261_7265.N1	18-SEP-2008 14:55:23	Dark	59.000	1	9Alp CMa	-1.4400	11000.	118	34261	No
131	GOM_NL__2PRFIN20080918_145726_000000522072_00139_34261_7266.N1	18-SEP-2008 14:57:26	Dark	52.000	23	21Eps CMa	1.5020	26000.	104	34261	No
132	GOM_NL__2PRFIN20080918_150332_000000502072_00140_34262_7267.N1	18-SEP-2008 15:03:32	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	34262	No
133	GOM_NL__2PRFIN20080918_151507_000000432072_00140_34262_7268.N1	18-SEP-2008 15:15:07	Dark	42.500	9	Alp Eri	0.45300	24000.	85	34262	No
134	GOM_NL__2PRFIN20080918_152047_000000432072_00140_34262_7269.N1	18-SEP-2008 15:20:47	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34262	No
135	GOM_NL__2PRFIN20080918_152816_000000572072_00140_34262_7270.N1	18-SEP-2008 15:28:16	Tw_i_and_stray	57.000	52	16Bet Cet	2.0370	4500.0	114	34262	No
136	GOM_NL__2PRFIN20080918_153856_000000392072_00140_34262_7271.N1	18-SEP-2008 15:38:56	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	34262	No
137	GOM_NL__2PRFIN20080918_154245_000000412072_00140_34262_7272.N1	18-SEP-2008 15:42:45	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	34262	No
138	GOM_NL__2PRFIN20080918_154432_000000452072_00140_34262_7273.N1	18-SEP-2008 15:44:32	Bright	45.000	58	21Alp And	2.0730	11000.	90	34262	No
139	GOM_NL__2PRFIN20080918_155252_000000402072_00140_34262_7274.N1	18-SEP-2008 15:52:52	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	34262	No
140	GOM_NL__2PRFIN20080918_155435_000000402072_00140_34262_7275.N1	18-SEP-2008 15:54:35	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	34262	No
141	GOM_NL__2PRFIN20080918_161730_000000472072_00140_34262_7276.N1	18-SEP-2008 16:17:30	Bright	46.500	24	66Alp Gem	1.5800	10200.	93	34262	No
142	GOM_NL__2PRFIN20080918_162630_000000632072_00140_34262_7277.N1	18-SEP-2008 16:26:30	Dark	63.000	8	10Alp CMi	0.40000	6500.0	126	34262	No
143	GOM_NL__2PRFIN20080918_163353_000000412072_00140_34262_7278.N1	18-SEP-2008 16:33:53	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	34262	No
144	GOM_NL__2PRFIN20080918_163601_000000702072_00140_34262_7279.N1	18-SEP-2008 16:36:01	Dark	69.500	1	9Alp CMa	-1.4400	11000.	139	34262	No
145	GOM_NL__2PRFIN20080918_163803_000000502072_00140_34262_7280.N1	18-SEP-2008 16:38:03	Dark	49.500	23	21Eps CMa	1.5020	26000.	99	34262	No
146	GOM_NL__2PRFIN20080918_164408_000000492072_00141_34263_7279.N1	18-SEP-2008 16:44:08	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	34263	No
147	GOM_NL__2PRFIN20080918_165544_000000432072_00141_34263_7280.N1	18-SEP-2008 16:55:44	Dark	42.500	9	Alp Eri	0.45300	24000.	85	34263	No
148	GOM_NL__2PRFIN20080918_170123_000000452072_00141_34263_7281.N1	18-SEP-2008 17:01:23	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	34263	No
149	GOM_NL__2PRFIN20080918_170852_000000562072_00141_34263_7282.N1	18-SEP-2008 17:08:52	Tw_i_and_stray	55.500	52	16Bet Cet	2.0370	4500.0	111	34263	No
150	GOM_NL__2PRFIN20080918_171932_000000392072_00141_34263_7283.N1	18-SEP-2008 17:19:32	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34263	No
151	GOM_NL__2PRFIN20080918_172321_000000402072_00141_34263_7284.N1	18-SEP-2008 17:23:21	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	34263	No
152	GOM_NL__2PRFIN20080918_172508_000000442072_00141_34263_7285.N1	18-SEP-2008 17:25:08	Bright	44.000	58	21Alp And	2.0730	11000.	88	34263	No
153	GOM_NL__2PRFIN20080918_173327_000000392072_00141_34263_7286.N1	18-SEP-2008 17:33:27	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	34263	No
154	GOM_NL__2PRFIN20080918_173510_000000432072_00141_34263_7287.N1	18-SEP-2008 17:35:10	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	34263	No
155	GOM_NL__2PRFIN20080918_175806_000000482072_00141_34263_7288.N1	18-SEP-2008 17:58:06	Bright	47.500	24	66Alp Gem	1.5800	10200.	95	34263	No
156	GOM_NL__2PRFIN20080918_180706_000000552072_00141_34263_7289.N1	18-SEP-2008 18:07:06	Dark	55.000	8	10Alp CMi	0.40000	6500.0	110	34263	No
157	GOM_NL__2PRFIN20080918_181430_000000442072_00141_34263_7290.N1	18-SEP-2008 18:14:30	Dark	44.000	132	15Rho Pup	2.8030	6900.0	88	34263	No
158	GOM_NL__2PRFIN20080918_181638_000000612072_00141_34263_7291.N1	18-SEP-2008 18:16:38	Dark	60.500	1	9Alp CMa	-1.4400	11000.	121	34263	No
159	GOM_NL__2PRFIN20080918_181840_000000482072_00141_34263_7292.N1	18-SEP-2008 18:18:40	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	34263	No
160	GOM_NL__2PRFIN20080918_182445_000000572072_00142_34264_7290.N1	18-SEP-2008 18:24:45	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	34264	No

161	GOM_NL__2PRFIN20080918_183620_000000492072_00142_34264_7291.N1	18-SEP-2008 18:36:20	Dark	49.000	9	Alp Eri	0.45300	24000.	98	34264	No
162	GOM_NL__2PRFIN20080918_184200_000000422072_00142_34264_7292.N1	18-SEP-2008 18:42:00	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	34264	No
163	GOM_NL__2PRFIN20080918_184928_000000512072_00142_34264_7293.N1	18-SEP-2008 18:49:28	Twilight_and_stray	50.500	52	16Bet Cet	2.0370	4500.0	101	34264	No
164	GOM_NL__2PRFIN20080918_190008_000000382072_00142_34264_7294.N1	18-SEP-2008 19:00:08	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	34264	No
165	GOM_NL__2PRFIN20080918_190357_000000382072_00142_34264_7295.N1	18-SEP-2008 19:03:57	Bright	37.500	93	53Bet Peg	2.5200	3100.0	75	34264	No
166	GOM_NL__2PRFIN20080918_190543_000000442072_00142_34264_7296.N1	18-SEP-2008 19:05:43	Bright	44.000	58	21Alp And	2.0730	11000.	88	34264	No
167	GOM_NL__2PRFIN20080918_191403_000000512072_00142_34264_7297.N1	18-SEP-2008 19:14:03	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	34264	No
168	GOM_NL__2PRFIN20080918_191546_000000432072_00142_34264_7298.N1	18-SEP-2008 19:15:46	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	34264	No
169	GOM_NL__2PRFIN20080918_193842_000000472072_00142_34264_7299.N1	18-SEP-2008 19:38:42	Bright	46.500	24	66Alp Gem	1.5800	10200.	93	34264	No
170	GOM_NL__2PRFIN20080918_194743_000000602072_00142_34264_7300.N1	18-SEP-2008 19:47:43	Dark	60.000	8	10Alp CMi	0.40000	6500.0	120	34264	No
171	GOM_NL__2PRFIN20080918_195506_000000432072_00142_34264_7301.N1	18-SEP-2008 19:55:06	Dark	42.500	132	15Rho Pup	2.8030	6900.0	85	34264	No
172	GOM_NL__2PRFIN20080918_195715_000000622072_00142_34264_7302.N1	18-SEP-2008 19:57:15	Dark	61.500	1	9Alp CMa	-1.4400	11000.	123	34264	No
173	GOM_NL__2PRFIN20080918_195917_000000482072_00142_34264_7303.N1	18-SEP-2008 19:59:17	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	34264	No
174	GOM_NL__2PRFIN20080918_200522_000000562072_00143_34265_7317.N1	18-SEP-2008 20:05:22	Dark	55.500	2	Alp Car	-0.73600	7000.0	111	34265	No
175	GOM_NL__2PRFIN20080918_201656_000000432072_00143_34265_7318.N1	18-SEP-2008 20:16:56	Dark	43.000	9	Alp Eri	0.45300	24000.	86	34265	No
176	GOM_NL__2PRFIN20080918_202236_000000452072_00143_34265_7319.N1	18-SEP-2008 20:22:36	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	34265	No
177	GOM_NL__2PRFIN20080918_203004_000000562072_00143_34265_7320.N1	18-SEP-2008 20:30:04	Twilight_and_stray	56.000	52	16Bet Cet	2.0370	4500.0	112	34265	No
178	GOM_NL__2PRFIN20080918_204043_000000392072_00143_34265_7321.N1	18-SEP-2008 20:40:43	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34265	No
179	GOM_NL__2PRFIN20080918_204432_000000402072_00143_34265_7322.N1	18-SEP-2008 20:44:32	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	34265	No
180	GOM_NL__2PRFIN20080918_204618_000000442072_00143_34265_7323.N1	18-SEP-2008 20:46:18	Bright	43.500	58	21Alp And	2.0730	11000.	87	34265	No
181	GOM_NL__2PRFIN20080918_205438_000000402072_00143_34265_7324.N1	18-SEP-2008 20:54:38	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	34265	No
182	GOM_NL__2PRFIN20080918_205621_000000432072_00143_34265_7325.N1	18-SEP-2008 20:56:21	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	34265	No
183	GOM_NL__2PRFIN20080918_211919_000000462072_00143_34265_7326.N1	18-SEP-2008 21:19:19	Bright	45.500	24	66Alp Gem	1.5800	10200.	91	34265	No
184	GOM_NL__2PRFIN20080918_212819_000000662072_00143_34265_7327.N1	18-SEP-2008 21:28:19	Dark	65.500	8	10Alp CMi	0.40000	6500.0	131	34265	No
185	GOM_NL__2PRFIN20080918_213543_000000422072_00143_34265_7328.N1	18-SEP-2008 21:35:43	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	34265	No
186	GOM_NL__2PRFIN20080918_213752_000000632072_00143_34265_7329.N1	18-SEP-2008 21:37:52	Dark	62.500	1	9Alp CMa	-1.4400	11000.	125	34265	No
187	GOM_NL__2PRFIN20080918_213953_000000452072_00143_34265_7330.N1	18-SEP-2008 21:39:53	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	34265	No
188	GOM_NL__2PRFIN20080918_214558_000000542072_00144_34266_7331.N1	18-SEP-2008 21:45:58	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	34266	No
189	GOM_NL__2PRFIN20080918_215733_000000492072_00144_34266_7332.N1	18-SEP-2008 21:57:33	Dark	48.500	9	Alp Eri	0.45300	24000.	97	34266	No
190	GOM_NL__2PRFIN20080918_220312_000000412072_00144_34266_7333.N1	18-SEP-2008 22:03:12	Straylight	40.500	84	Alp Phe	2.3970	4500.0	81	34266	No
191	GOM_NL__2PRFIN20080918_221040_000000552072_00144_34266_7334.N1	18-SEP-2008 22:10:40	Twilight_and_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	34266	No
192	GOM_NL__2PRFIN20080918_222119_000000392072_00144_34266_7335.N1	18-SEP-2008 22:21:19	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34266	No
193	GOM_NL__2PRFIN20080918_222508_000000392072_00144_34266_7336.N1	18-SEP-2008 22:25:08	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34266	No
194	GOM_NL__2PRFIN20080918_222654_000000452072_00144_34266_7337.N1	18-SEP-2008 22:26:54	Bright	44.500	58	21Alp And	2.0730	11000.	89	34266	No
195	GOM_NL__2PRFIN20080918_223514_000000412072_00144_34266_7338.N1	18-SEP-2008 22:35:14	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	34266	No
196	GOM_NL__2PRFIN20080918_223656_000000422072_00144_34266_7339.N1	18-SEP-2008 22:36:56	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	34266	No
197	GOM_NL__2PRFIN20080918_225954_000000472072_00144_34266_7340.N1	18-SEP-2008 22:59:54	Bright	46.500	24	66Alp Gem	1.5800	10200.	93	34266	No
198	GOM_NL__2PRFIN20080918_230856_000000602072_00144_34266_7341.N1	18-SEP-2008 23:08:56	Dark	59.500	8	10Alp CMi	0.40000	6500.0	119	34266	No
199	GOM_NL__2PRFIN20080918_231619_000000412072_00144_34266_7342.N1	18-SEP-2008 23:16:19	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	34266	No
200	GOM_NL__2PRFIN20080918_231829_000000662072_00144_34266_7343.N1	18-SEP-2008 23:18:29	Dark	66.000	1	9Alp CMa	-1.4400	11000.	132	34266	No
201	GOM_NL__2PRFIN20080918_232030_000000492072_00144_34266_7344.N1	18-SEP-2008 23:20:30	Dark	49.000	23	21Eps CMa	1.5020	26000.	98	34266	No
202	GOM_NL__2PRFIN20080918_232635_000000552072_00145_34267_7343.N1	18-SEP-2008 23:26:35	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	34267	No
203	GOM_NL__2PRFIN20080918_233809_000000522072_00145_34267_7344.N1	18-SEP-2008 23:38:09	Dark	52.000	9	Alp Eri	0.45300	24000.	104	34267	No
204	GOM_NL__2PRFIN20080918_234348_000000432072_00145_34267_7345.N1	18-SEP-2008 23:43:48	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34267	No
205	GOM_NL__2PRFIN20080918_235117_000000562072_00145_34267_7346.N1	18-SEP-2008 23:51:17	Twilight_and_stray	55.500	52	16Bet Cet	2.0370	4500.0	111	34267	No

3. Quality information per product

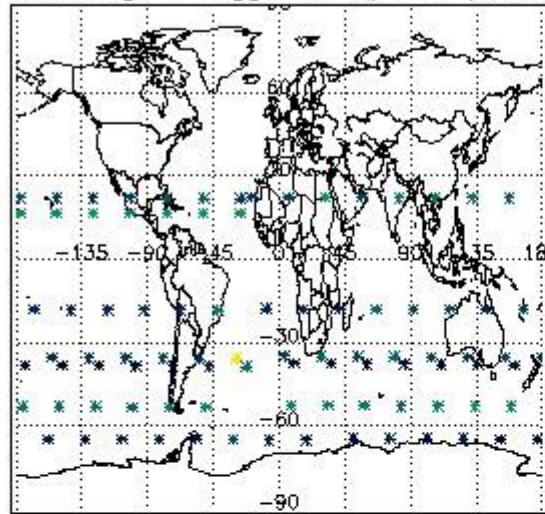
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

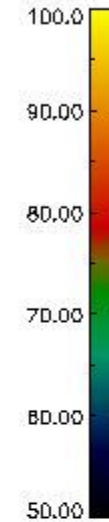
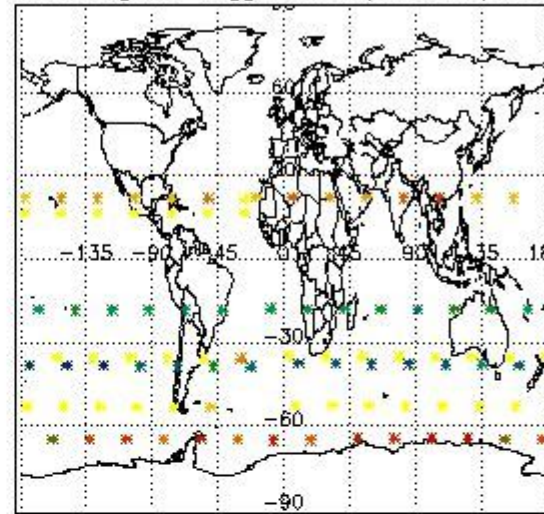


3.2 Plot quality information per product (world map)

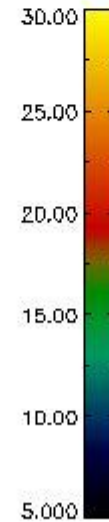
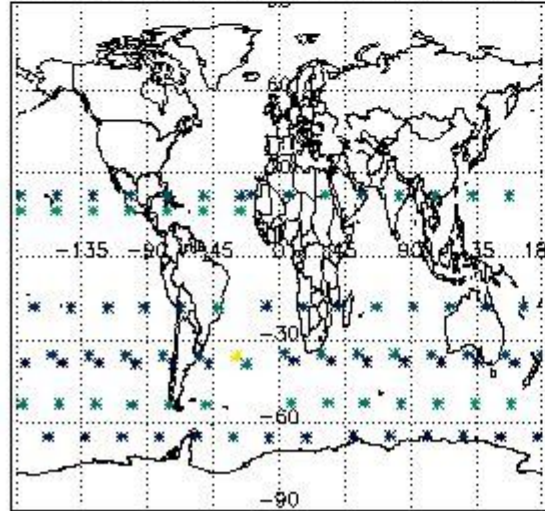
Percentage of flagged data per O3 profile



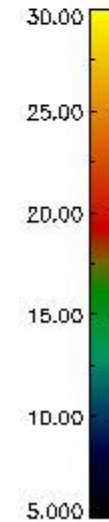
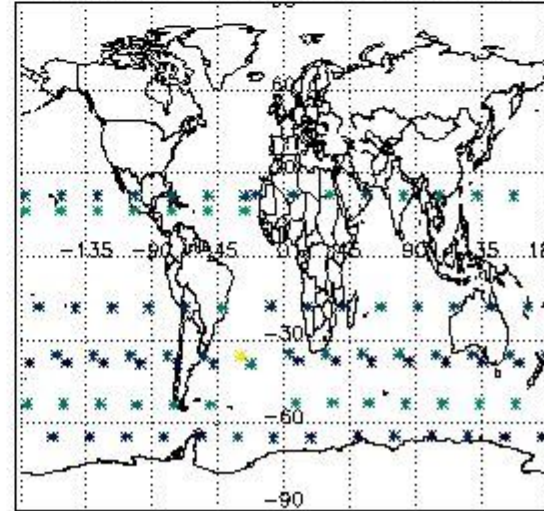
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

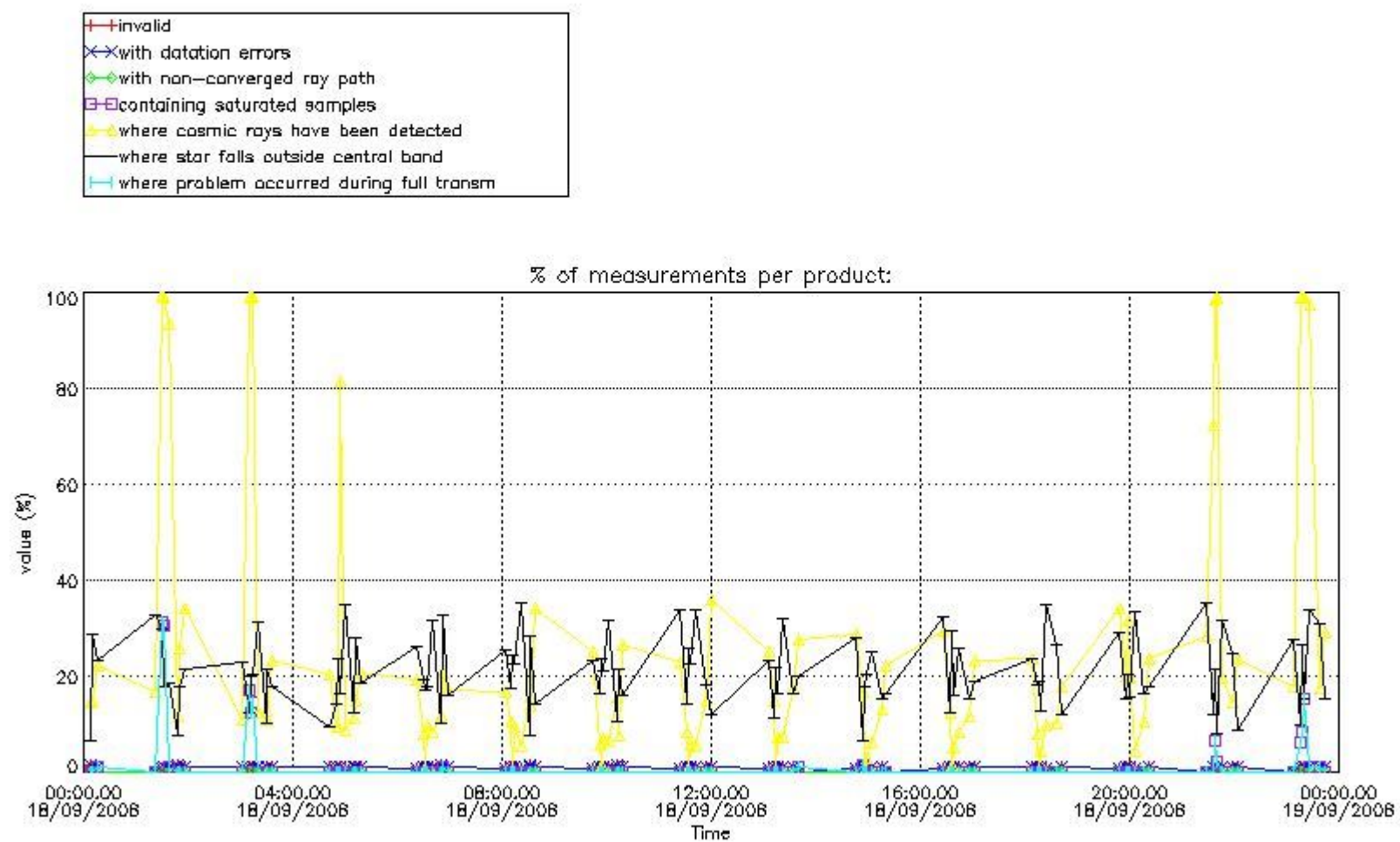


4. Level 1 quality information per product

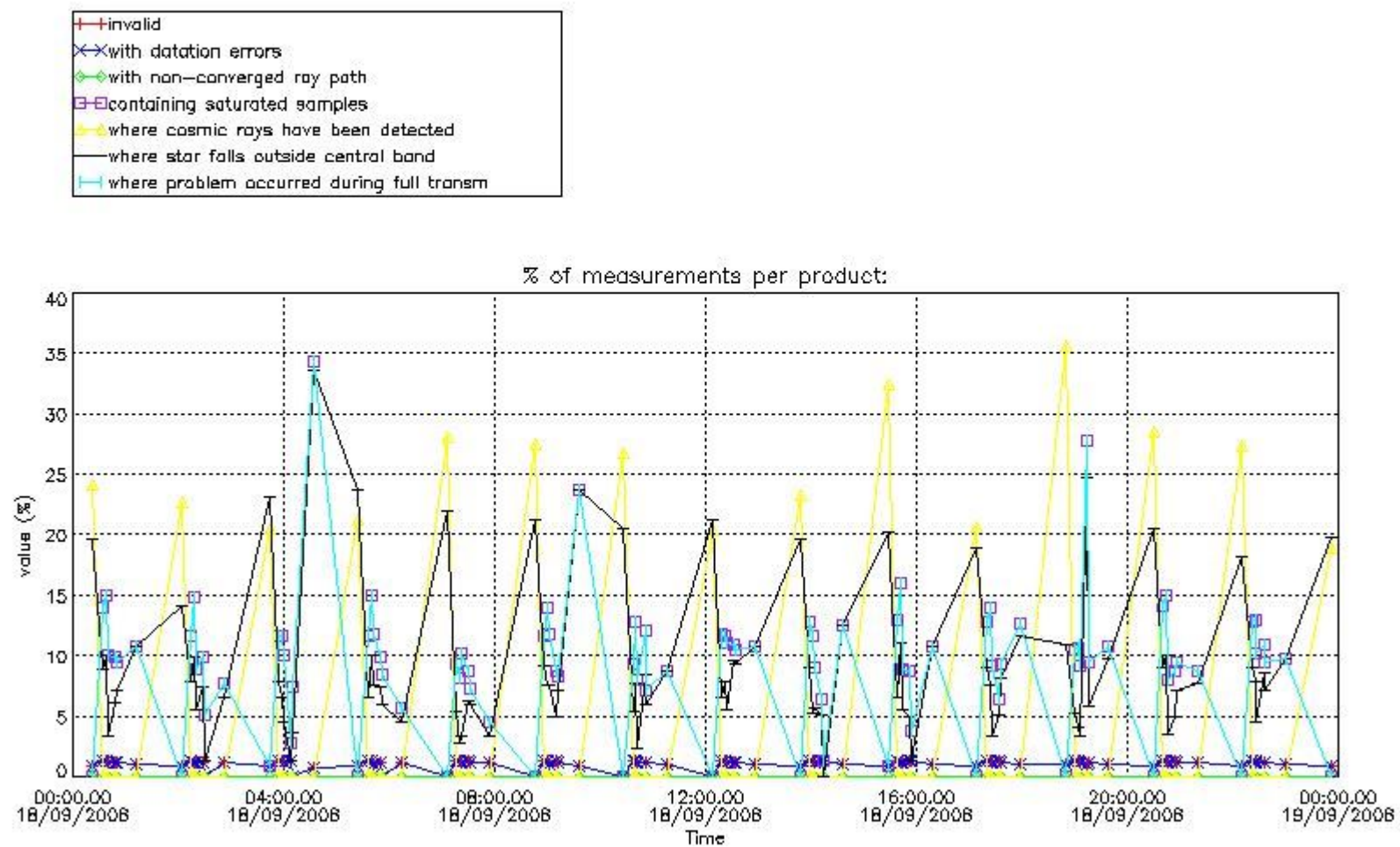
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

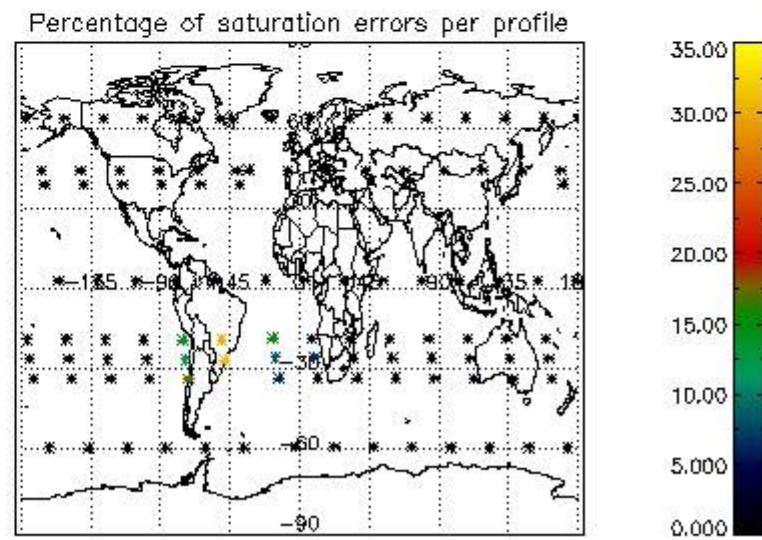
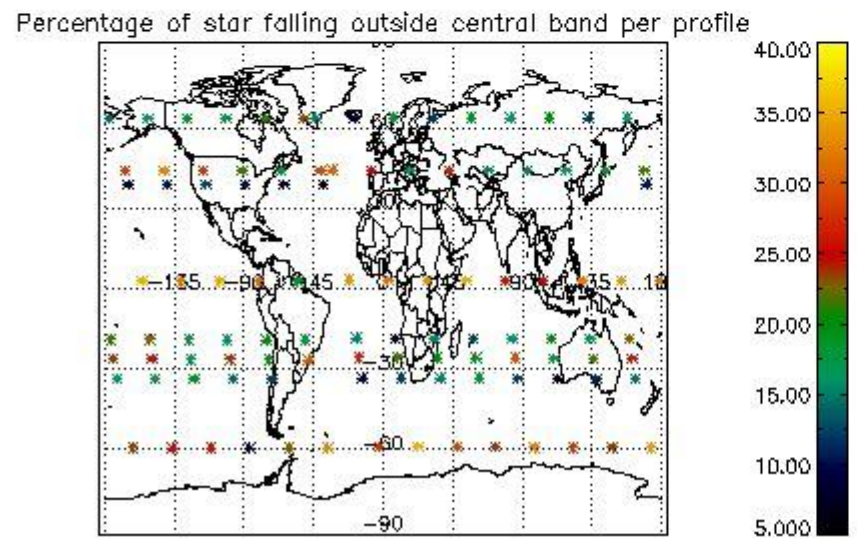
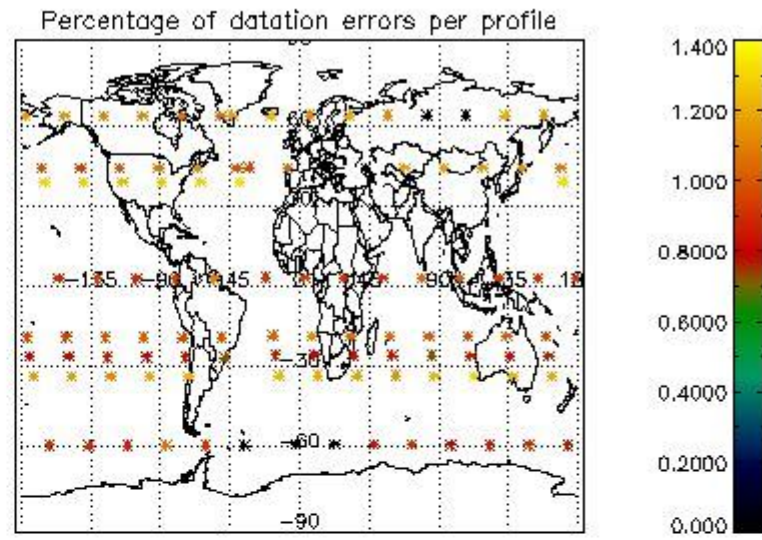
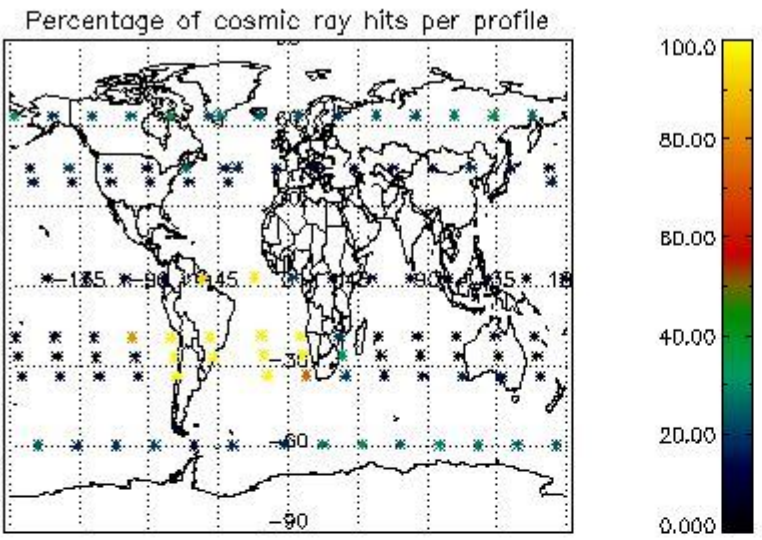
4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes



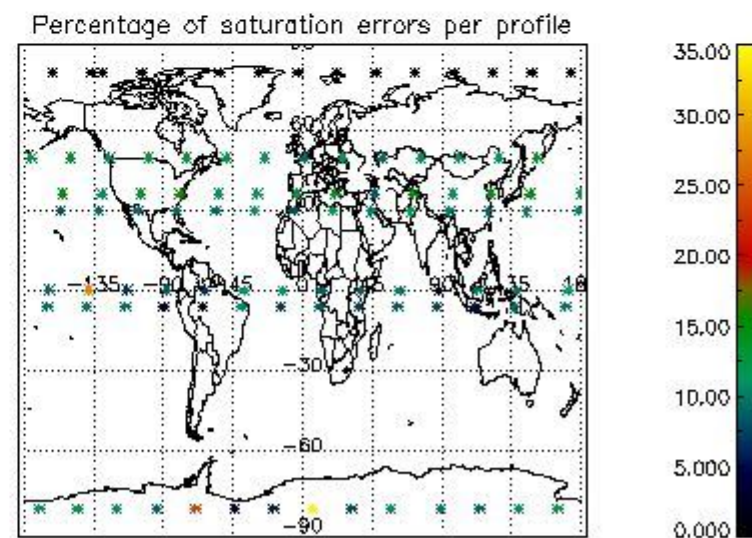
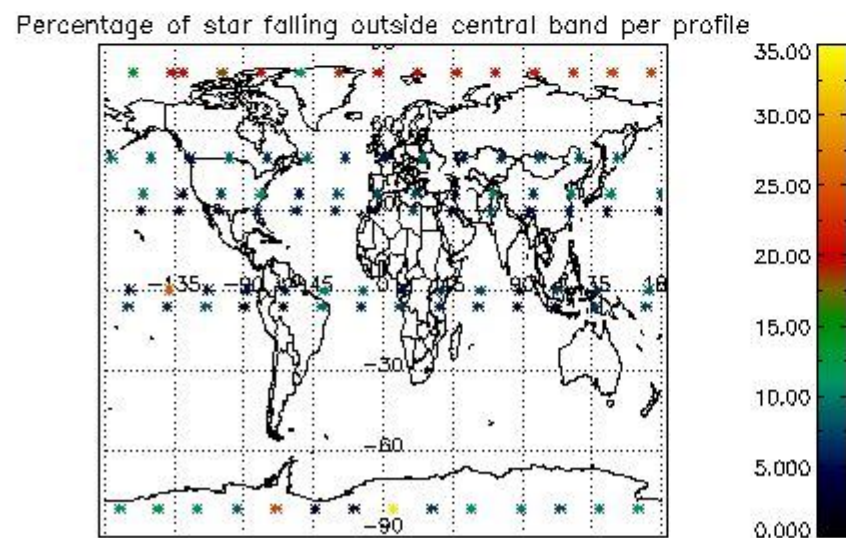
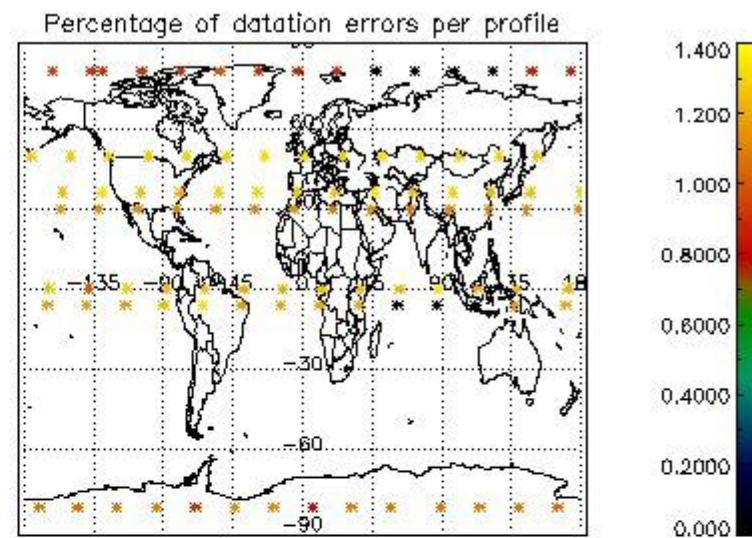
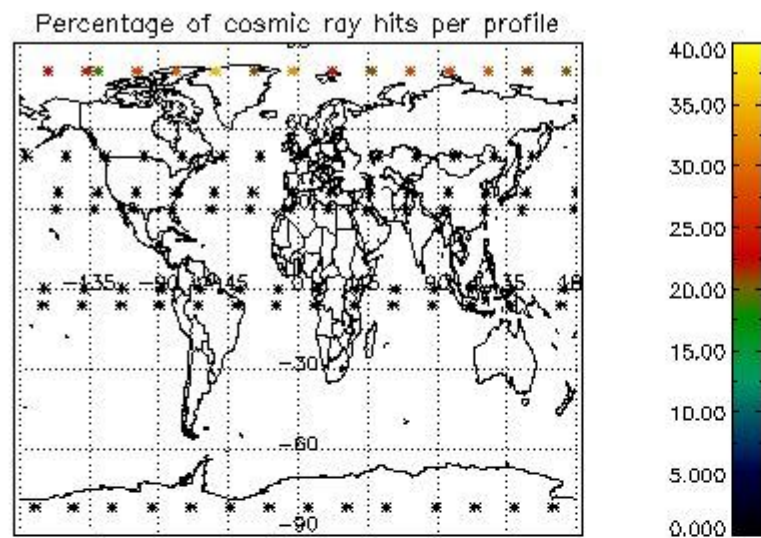
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



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

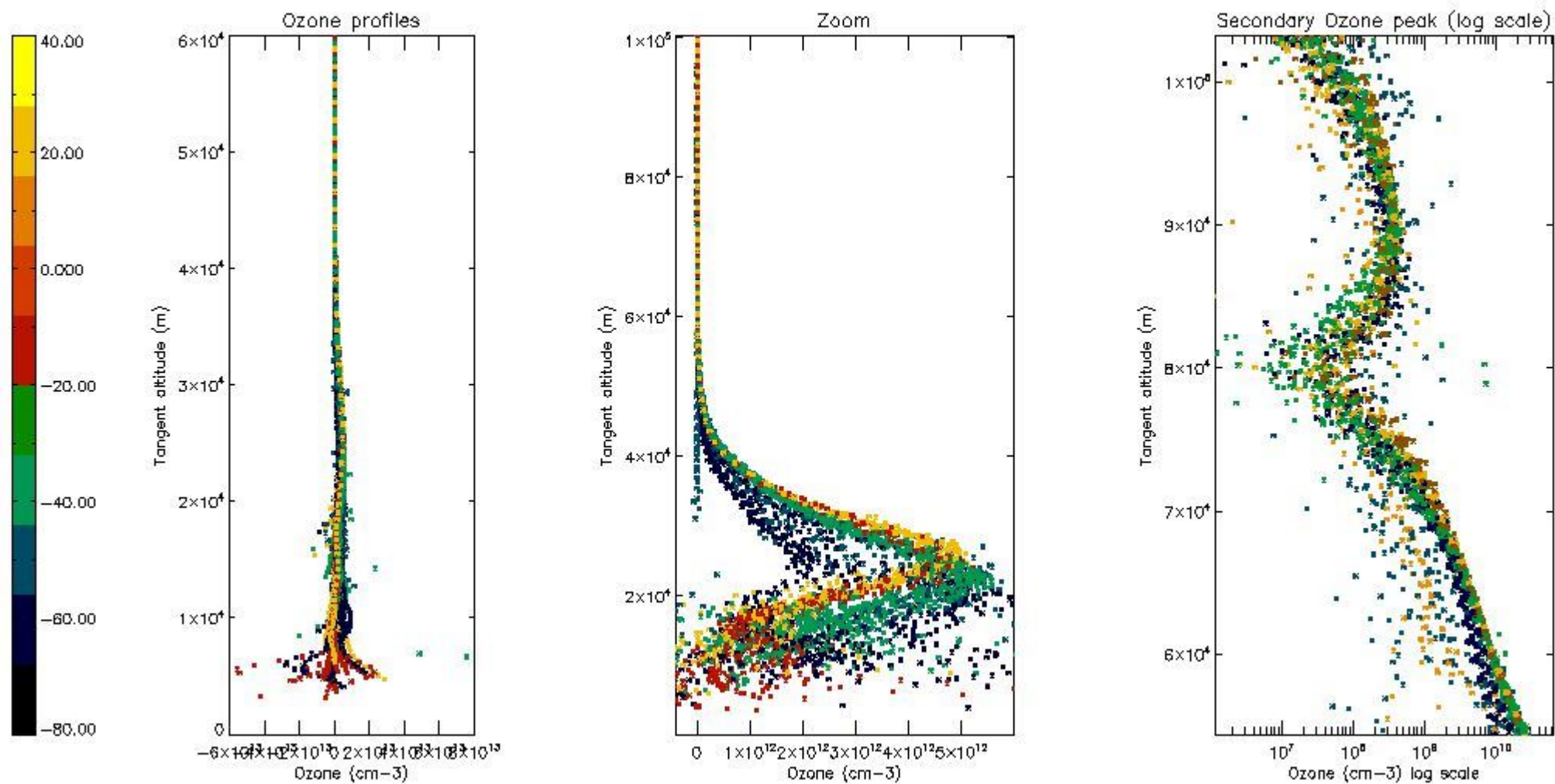
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	49
STD < 20	31

STD < 10	25
STD < 5	21

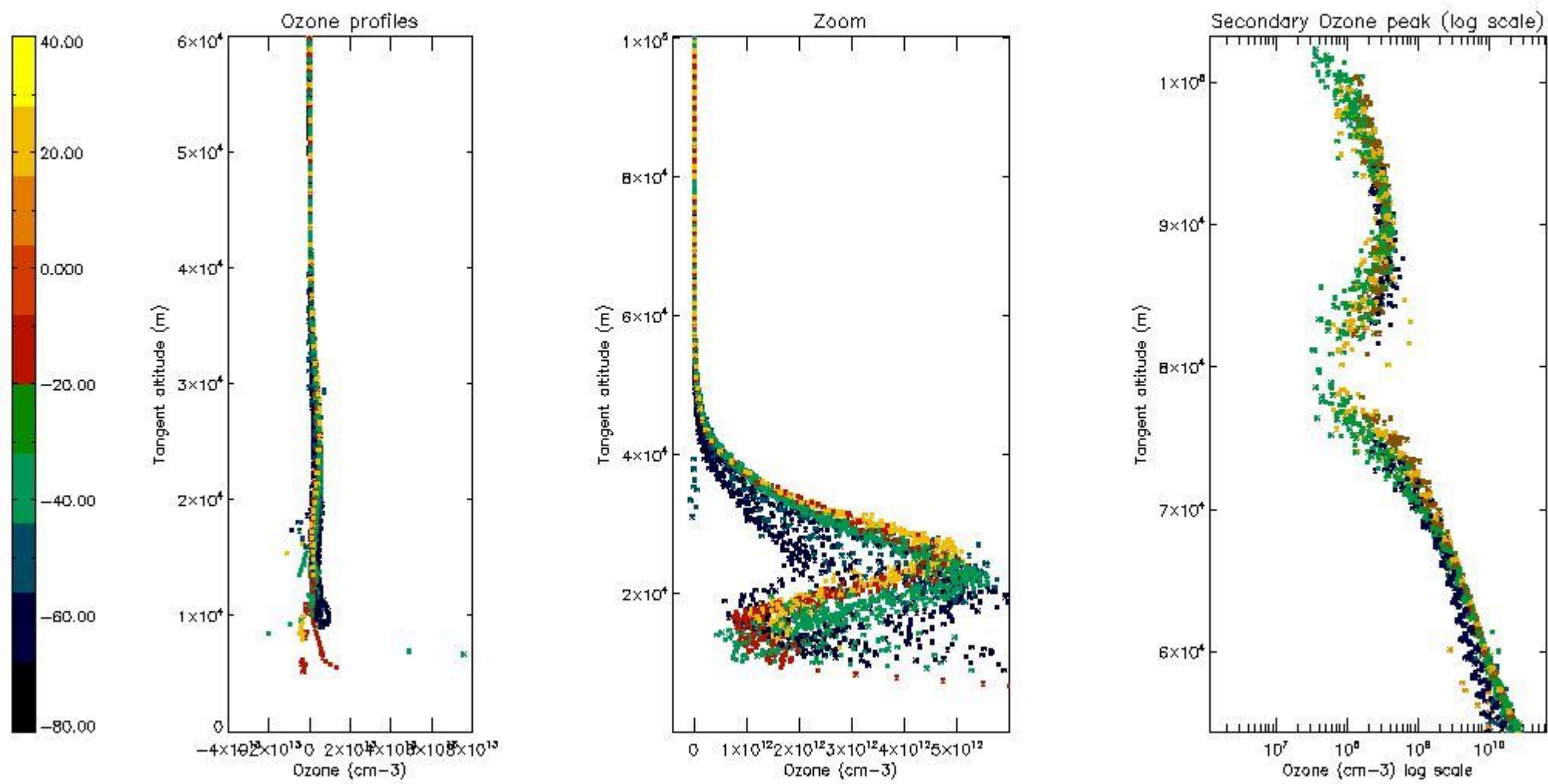
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



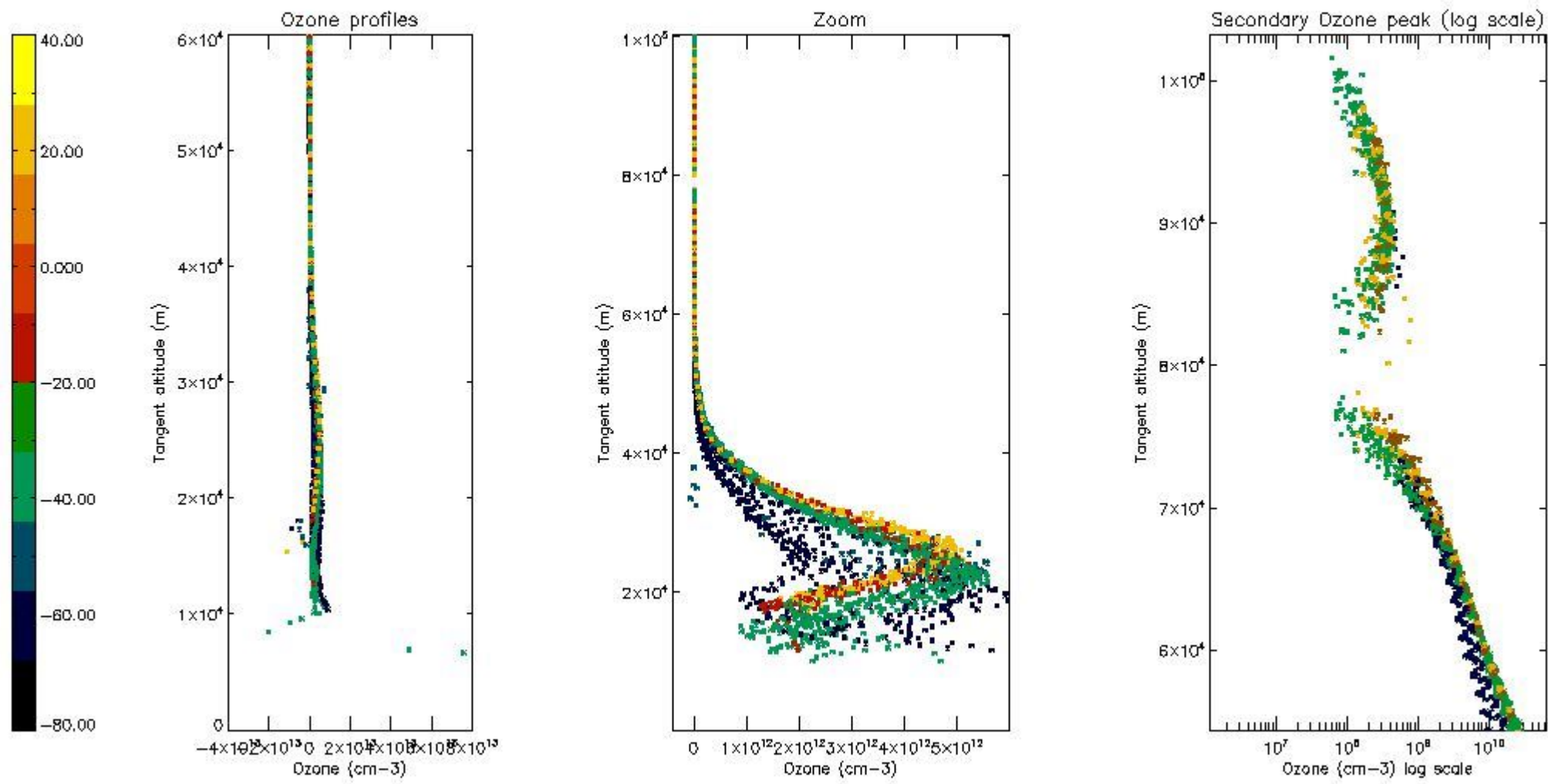
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



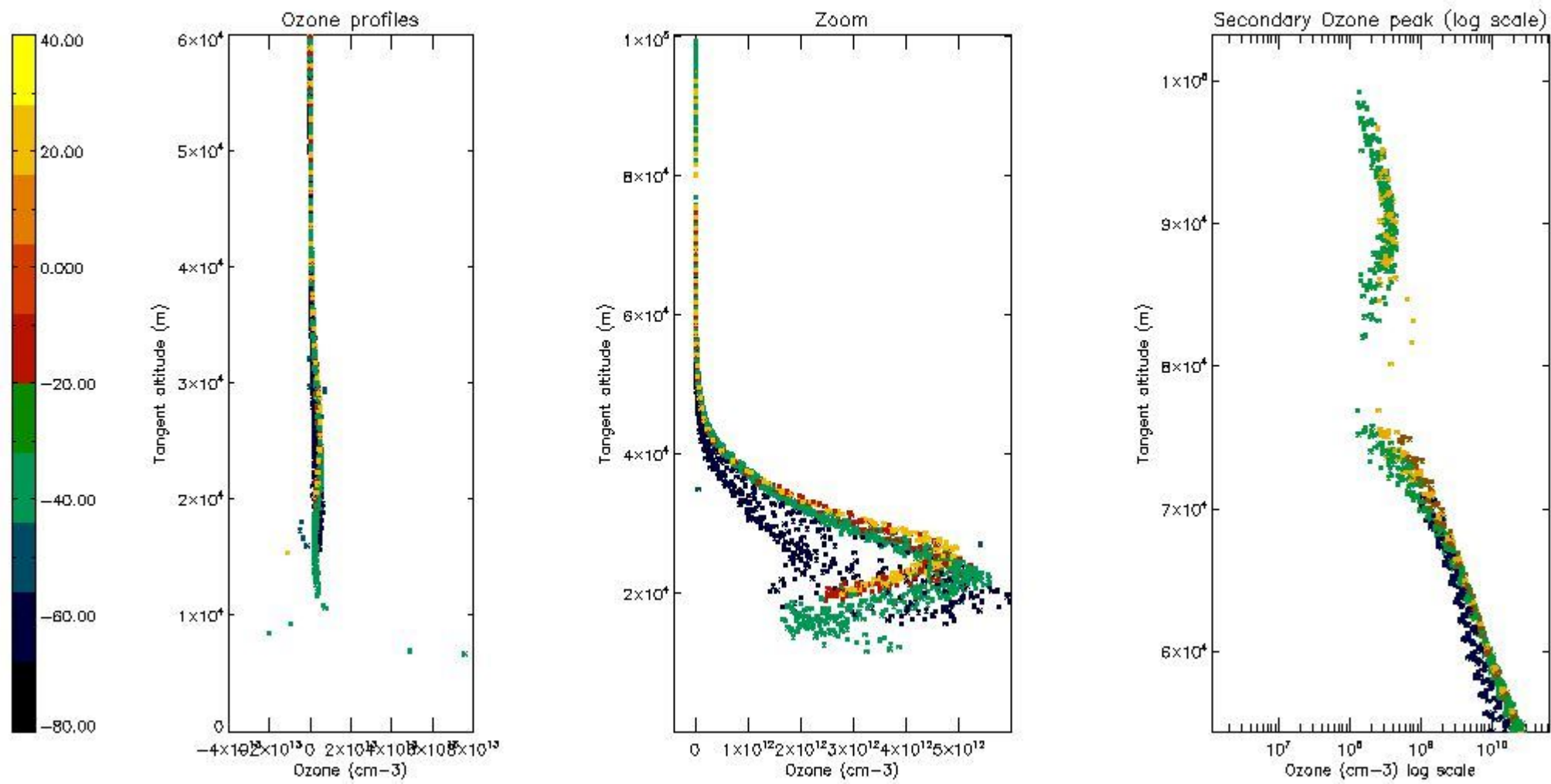
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



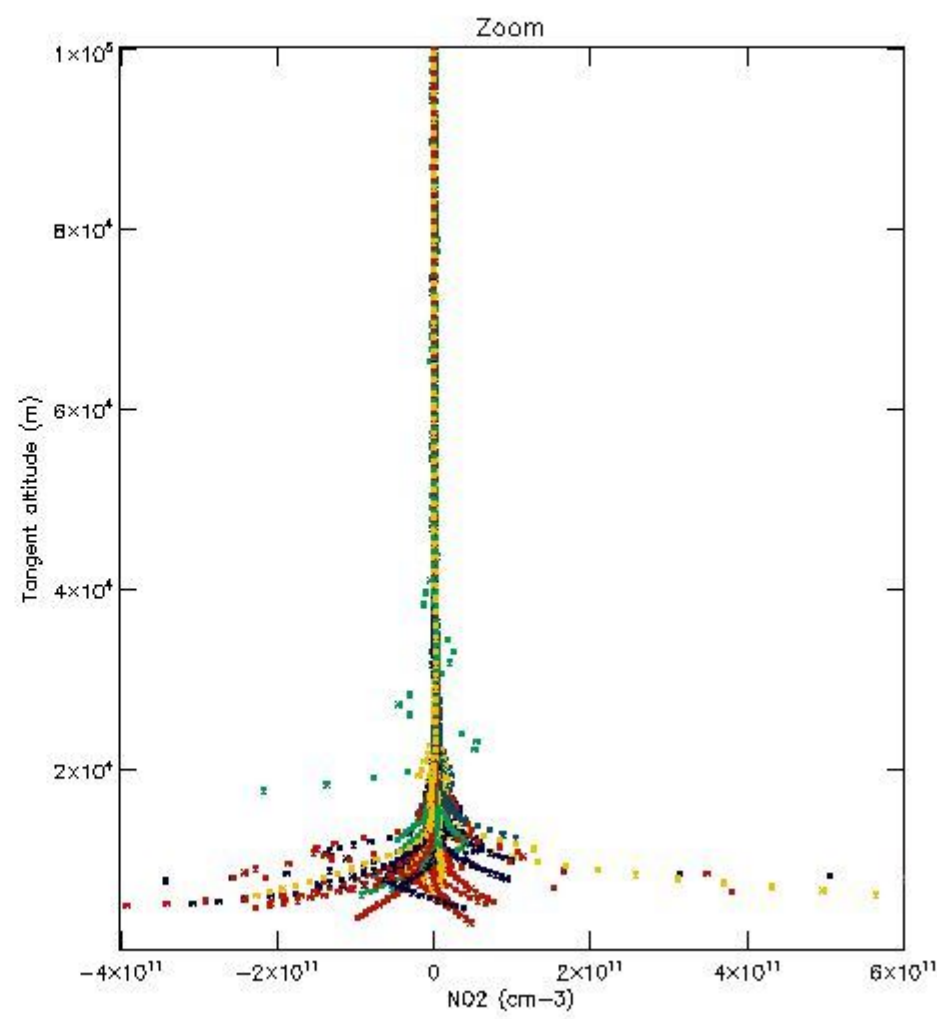
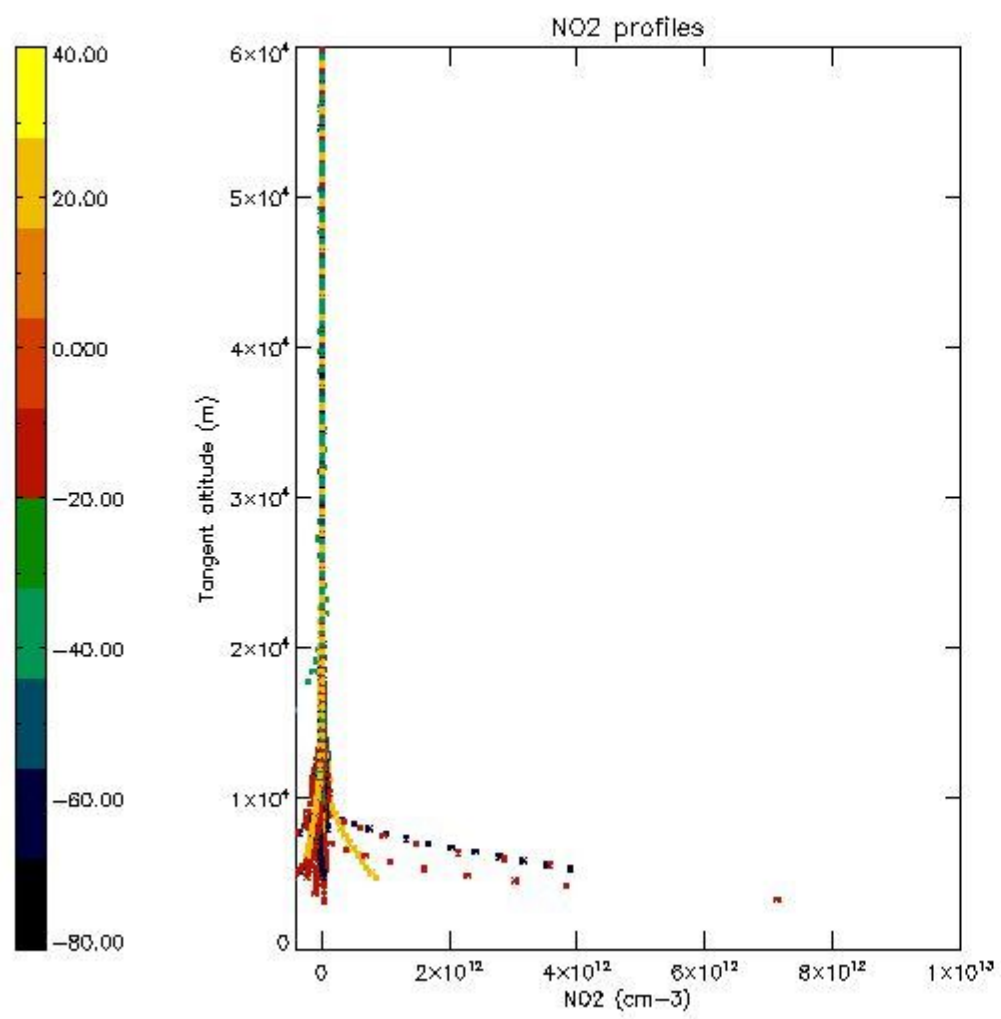
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



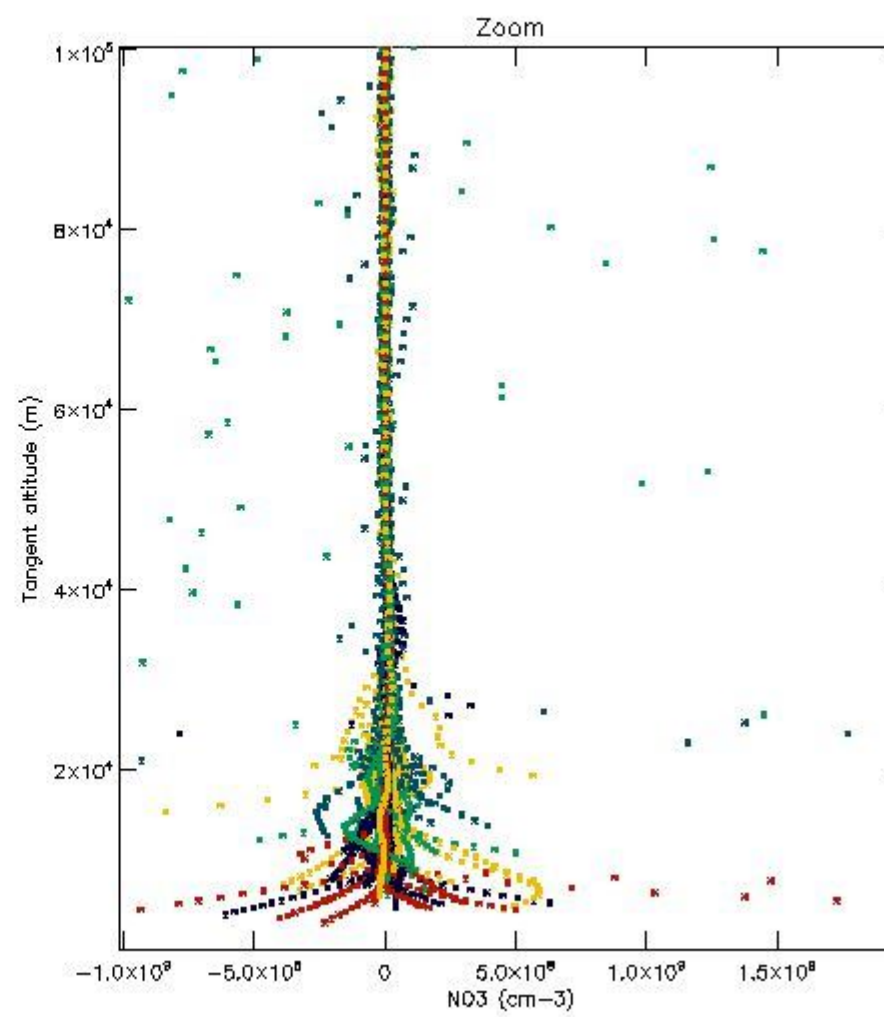
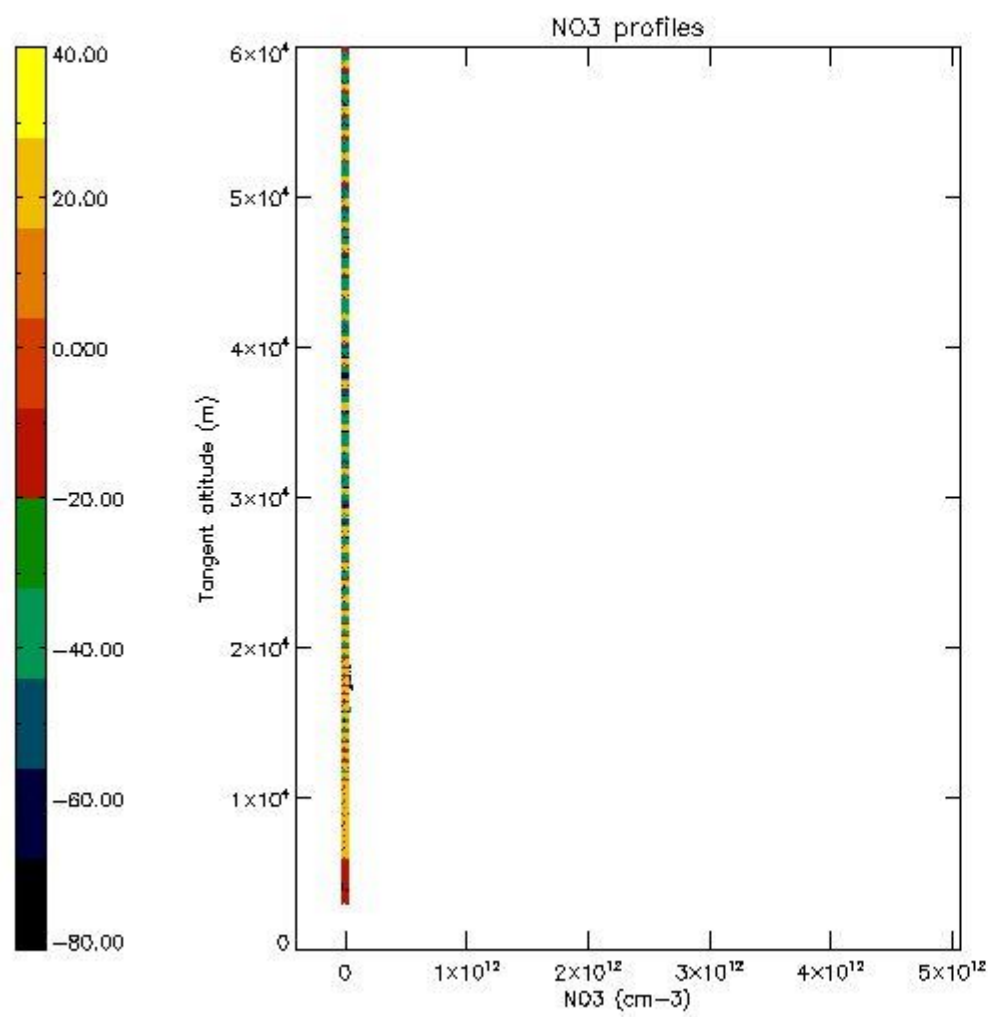
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



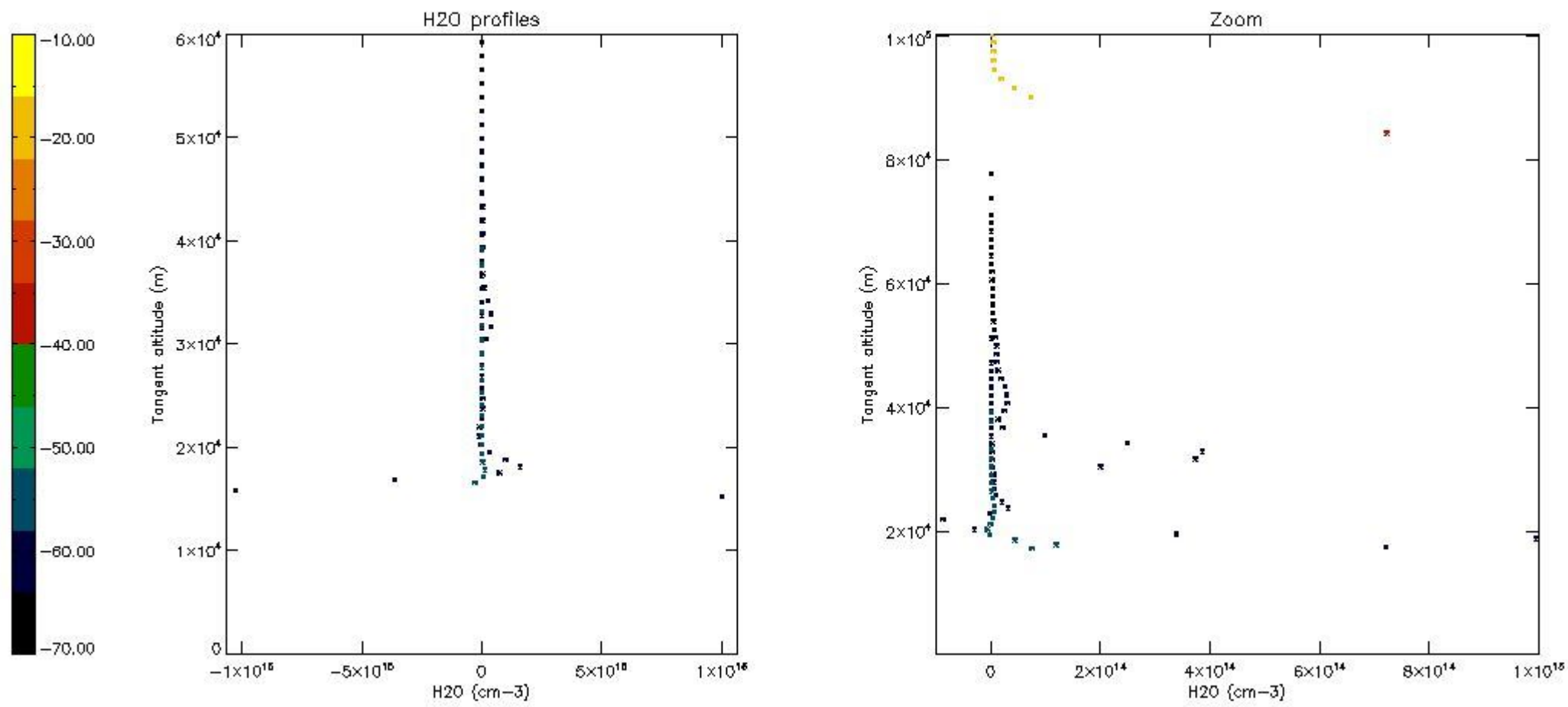
5.7 Plot NO3 profiles for all STD (dark without errors)

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	18-SEP-2008 00:08:13
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-SEP-2008 00:08:13
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-SEP-2008 00:08:13

GOMOS Level 2 Daily Report

SUMMARY

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[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 \(world map\)](#)

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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 \(dark without errors\)](#)

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

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

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[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	25APR2013 20:03:30
Data source version	GOMOS/6.01
Start time of products	18-09-2008 (18SEP2008 00:00:00)
Stop time of products	19-09-2008 (19SEP2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	205
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__2PRFIN20080918_000813_000000382072_00131_34253_6876.N1	18-SEP-2008 00:08:13	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	34253	No
2	GOM_NL__2PRFIN20080918_000939_000000512072_00131_34253_6877.N1	18-SEP-2008 00:09:39	Dark	50.500	9	Alp Eri	0.45300	24000.	101	34253	No
3	GOM_NL__2PRFIN20080918_001520_000000482072_00131_34253_6878.N1	18-SEP-2008 00:15:20	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	34253	No
4	GOM_NL__2PRFIN20080918_002251_000000562072_00131_34253_6879.N1	18-SEP-2008 00:22:51	Twilight_and_stray	56.000	52	16Bet Cet	2.0370	4500.0	112	34253	No
5	GOM_NL__2PRFIN20080918_003333_000000402072_00131_34253_6880.N1	18-SEP-2008 00:33:33	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	34253	No
6	GOM_NL__2PRFIN20080918_003723_000000402072_00131_34253_6881.N1	18-SEP-2008 00:37:23	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	34253	No
7	GOM_NL__2PRFIN20080918_003914_000000452072_00131_34253_6882.N1	18-SEP-2008 00:39:14	Bright	45.000	58	21Alp And	2.0730	11000.	90	34253	No
8	GOM_NL__2PRFIN20080918_004732_000000412072_00131_34253_6883.N1	18-SEP-2008 00:47:32	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	34253	No
9	GOM_NL__2PRFIN20080918_004916_000000432072_00131_34253_6884.N1	18-SEP-2008 00:49:16	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	34253	No
10	GOM_NL__2PRFIN20080918_011205_000000472072_00131_34253_6885.N1	18-SEP-2008 01:12:05	Bright	46.500	24	66Alp Gem	1.5800	10200.	93	34253	No
11	GOM_NL__2PRFIN20080918_012101_000000632072_00131_34253_6886.N1	18-SEP-2008 01:21:01	Dark	62.500	8	10Alp CMi	0.40000	6500.0	125	34253	No
12	GOM_NL__2PRFIN20080918_013027_000000692072_00131_34253_6887.N1	18-SEP-2008 01:30:27	Dark	68.500	1	9Alp CMa	-1.4400	11000.	137	34253	No
13	GOM_NL__2PRFIN20080918_013231_000000512072_00131_34253_6888.N1	18-SEP-2008 01:32:31	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	34253	No
14	GOM_NL__2PRFIN20080918_013839_000000462072_00132_34254_7126.N1	18-SEP-2008 01:38:39	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	34254	No
15	GOM_NL__2PRFIN20080918_014849_000000392072_00132_34254_7127.N1	18-SEP-2008 01:48:49	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	34254	No
16	GOM_NL__2PRFIN20080918_015016_000000452072_00132_34254_7128.N1	18-SEP-2008 01:50:16	Dark	44.500	9	Alp Eri	0.45300	24000.	89	34254	No
17	GOM_NL__2PRFIN20080918_015556_000000472072_00132_34254_7129.N1	18-SEP-2008 01:55:56	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	34254	No
18	GOM_NL__2PRFIN20080918_020327_000000532072_00132_34254_7130.N1	18-SEP-2008 02:03:27	Twilight_and_stray	53.000	52	16Bet Cet	2.0370	4500.0	106	34254	No
19	GOM_NL__2PRFIN20080918_021409_000000392072_00132_34254_7131.N1	18-SEP-2008 02:14:09	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	34254	No
20	GOM_NL__2PRFIN20080918_021759_000000412072_00132_34254_7132.N1	18-SEP-2008 02:17:59	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	34254	No
21	GOM_NL__2PRFIN20080918_021949_000000452072_00132_34254_7133.N1	18-SEP-2008 02:19:49	Bright	45.000	58	21Alp And	2.0730	11000.	90	34254	No
22	GOM_NL__2PRFIN20080918_022807_000000412072_00132_34254_7134.N1	18-SEP-2008 02:28:07	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	34254	No
23	GOM_NL__2PRFIN20080918_022951_000000402072_00132_34254_7135.N1	18-SEP-2008 02:29:51	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	34254	No
24	GOM_NL__2PRFIN20080918_025241_000000462072_00132_34254_7136.N1	18-SEP-2008 02:52:41	Bright	45.500	24	66Alp Gem	1.5800	10200.	91	34254	No
25	GOM_NL__2PRFIN20080918_030137_000000552072_00132_34254_7137.N1	18-SEP-2008 03:01:37	Dark	55.000	8	10Alp CMi	0.40000	6500.0	110	34254	No
26	GOM_NL__2PRFIN20080918_030901_000000412072_00132_34254_7138.N1	18-SEP-2008 03:09:01	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	34254	No
27	GOM_NL__2PRFIN20080918_031104_000000612072_00132_34254_7139.N1	18-SEP-2008 03:11:04	Dark	60.500	1	9Alp CMa	-1.4400	11000.	121	34254	No
28	GOM_NL__2PRFIN20080918_031308_000000522072_00132_34254_7140.N1	18-SEP-2008 03:13:08	Dark	52.000	23	21Eps CMa	1.5020	26000.	104	34254	No
29	GOM_NL__2PRFIN20080918_031916_000000532072_00133_34255_7137.N1	18-SEP-2008 03:19:16	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	34255	No
30	GOM_NL__2PRFIN20080918_032926_000000402072_00133_34255_7138.N1	18-SEP-2008 03:29:26	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	34255	No
31	GOM_NL__2PRFIN20080918_033052_000000472072_00133_34255_7139.N1	18-SEP-2008 03:30:52	Dark	46.500	9	Alp Eri	0.45300	24000.	93	34255	No
32	GOM_NL__2PRFIN20080918_033633_000000452072_00133_34255_7140.N1	18-SEP-2008 03:36:33	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	34255	No
33	GOM_NL__2PRFIN20080918_034404_000000592072_00133_34255_7141.N1	18-SEP-2008 03:44:04	Twilight_and_stray	58.500	52	16Bet Cet	2.0370	4500.0	117	34255	No
34	GOM_NL__2PRFIN20080918_035445_000000392072_00133_34255_7142.N1	18-SEP-2008 03:54:45	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	34255	No
35	GOM_NL__2PRFIN20080918_035835_000000392072_00133_34255_7143.N1	18-SEP-2008 03:58:35	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34255	No
36	GOM_NL__2PRFIN20080918_040025_000000452072_00133_34255_7144.N1	18-SEP-2008 04:00:25	Bright	45.000	58	21Alp And	2.0730	11000.	90	34255	No
37	GOM_NL__2PRFIN20080918_040843_000000372072_00133_34255_7145.N1	18-SEP-2008 04:08:43	Bright	37.000	74	11Bet Cas	2.2680	6600.0	74	34255	No
38	GOM_NL__2PRFIN20080918_041027_000000412072_00133_34255_7146.N1	18-SEP-2008 04:10:27	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	34255	No
39	GOM_NL__2PRFIN20080918_043318_000000642072_00133_34255_7147.N1	18-SEP-2008 04:33:18	Bright	64.000	24	66Alp Gem	1.5800	10200.	128	34255	No
40	GOM_NL__2PRFIN20080918_044214_000000472072_00133_34255_7148.N1	18-SEP-2008 04:42:14	Dark	47.000	8	10Alp CMi	0.40000	6500.0	94	34255	No
41	GOM_NL__2PRFIN20080918_044938_000000422072_00133_34255_7149.N1	18-SEP-2008 04:49:38	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	34255	No
42	GOM_NL__2PRFIN20080918_045141_000000632072_00133_34255_7150.N1	18-SEP-2008 04:51:41	Dark	63.000	1	9Alp CMa	-1.4400	11000.	126	34255	No

43	GOM_NL__2PRFIN20080918_045345_000000492072_00133_34255_7151.N1	18-SEP-2008 04:53:45	Dark	49.000	23	21Eps CMa	1.5020	26000.	98	34255	No
44	GOM_NL__2PRFIN20080918_045952_000000572072_00134_34256_7161.N1	18-SEP-2008 04:59:52	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	34256	No
45	GOM_NL__2PRFIN20080918_051003_000000412072_00134_34256_7162.N1	18-SEP-2008 05:10:03	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	34256	No
46	GOM_NL__2PRFIN20080918_051129_000000502072_00134_34256_7163.N1	18-SEP-2008 05:11:29	Dark	50.000	9	Alp Eri	0.45300	24000.	100	34256	No
47	GOM_NL__2PRFIN20080918_051709_000000462072_00134_34256_7164.N1	18-SEP-2008 05:17:09	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	34256	No
48	GOM_NL__2PRFIN20080918_052440_000000592072_00134_34256_7165.N1	18-SEP-2008 05:24:40	Tw_i_and_stray	59.000	52	16Bet Cet	2.0370	4500.0	118	34256	No
49	GOM_NL__2PRFIN20080918_053521_000000392072_00134_34256_7166.N1	18-SEP-2008 05:35:21	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	34256	No
50	GOM_NL__2PRFIN20080918_053910_000000402072_00134_34256_7167.N1	18-SEP-2008 05:39:10	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	34256	No
51	GOM_NL__2PRFIN20080918_054100_000000472072_00134_34256_7168.N1	18-SEP-2008 05:41:00	Bright	46.500	58	21Alp And	2.0730	11000.	93	34256	No
52	GOM_NL__2PRFIN20080918_054919_000000412072_00134_34256_7169.N1	18-SEP-2008 05:49:19	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	34256	No
53	GOM_NL__2PRFIN20080918_055102_000000422072_00134_34256_7170.N1	18-SEP-2008 05:51:02	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	34256	No
54	GOM_NL__2PRFIN20080918_061354_000000452072_00134_34256_7171.N1	18-SEP-2008 06:13:54	Bright	44.500	24	66Alp Gem	1.5800	10200.	89	34256	No
55	GOM_NL__2PRFIN20080918_062251_000000582072_00134_34256_7172.N1	18-SEP-2008 06:22:51	Dark	57.500	8	10Alp CMi	0.40000	6500.0	115	34256	No
56	GOM_NL__2PRFIN20080918_063014_000000452072_00134_34256_7173.N1	18-SEP-2008 06:30:14	Dark	44.500	132	15Rho Pup	2.8030	6900.0	89	34256	No
57	GOM_NL__2PRFIN20080918_063218_000000592072_00134_34256_7174.N1	18-SEP-2008 06:32:18	Dark	58.500	1	9Alp CMa	-1.4400	11000.	117	34256	No
58	GOM_NL__2PRFIN20080918_063422_000000512072_00134_34256_7175.N1	18-SEP-2008 06:34:22	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	34256	No
59	GOM_NL__2PRFIN20080918_064029_000000542072_00135_34257_7175.N1	18-SEP-2008 06:40:29	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	34257	No
60	GOM_NL__2PRFIN20080918_065039_000000392072_00135_34257_7176.N1	18-SEP-2008 06:50:39	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	34257	No
61	GOM_NL__2PRFIN20080918_065205_000000542072_00135_34257_7177.N1	18-SEP-2008 06:52:05	Dark	53.500	9	Alp Eri	0.45300	24000.	107	34257	No
62	GOM_NL__2PRFIN20080918_065745_000000442072_00135_34257_7178.N1	18-SEP-2008 06:57:45	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	34257	No
63	GOM_NL__2PRFIN20080918_070516_000000572072_00135_34257_7179.N1	18-SEP-2008 07:05:16	Tw_i_and_stray	57.000	52	16Bet Cet	2.0370	4500.0	114	34257	No
64	GOM_NL__2PRFIN20080918_071557_000000382072_00135_34257_7180.N1	18-SEP-2008 07:15:57	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	34257	No
65	GOM_NL__2PRFIN20080918_071946_000000372072_00135_34257_7181.N1	18-SEP-2008 07:19:46	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	34257	No
66	GOM_NL__2PRFIN20080918_072136_000000452072_00135_34257_7182.N1	18-SEP-2008 07:21:36	Bright	44.500	58	21Alp And	2.0730	11000.	89	34257	No
67	GOM_NL__2PRFIN20080918_072954_000000402072_00135_34257_7183.N1	18-SEP-2008 07:29:54	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	34257	No
68	GOM_NL__2PRFIN20080918_073138_000000422072_00135_34257_7184.N1	18-SEP-2008 07:31:38	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	34257	No
69	GOM_NL__2PRFIN20080918_075430_000000442072_00135_34257_7185.N1	18-SEP-2008 07:54:30	Bright	44.000	24	66Alp Gem	1.5800	10200.	88	34257	No
70	GOM_NL__2PRFIN20080918_080327_000000572072_00135_34257_7186.N1	18-SEP-2008 08:03:27	Dark	57.000	8	10Alp CMi	0.40000	6500.0	114	34257	No
71	GOM_NL__2PRFIN20080918_081051_000000432072_00135_34257_7187.N1	18-SEP-2008 08:10:51	Dark	43.000	132	15Rho Pup	2.8030	6900.0	86	34257	No
72	GOM_NL__2PRFIN20080918_081255_000000642072_00135_34257_7188.N1	18-SEP-2008 08:12:55	Dark	63.500	1	9Alp CMa	-1.4400	11000.	127	34257	No
73	GOM_NL__2PRFIN20080918_081459_000000532072_00135_34257_7189.N1	18-SEP-2008 08:14:59	Dark	53.000	23	21Eps CMa	1.5020	26000.	106	34257	No
74	GOM_NL__2PRFIN20080918_082106_000000572072_00136_34258_7187.N1	18-SEP-2008 08:21:06	Dark	56.500	2	Alp Car	-0.73600	7000.0	113	34258	No
75	GOM_NL__2PRFIN20080918_083115_000000392072_00136_34258_7188.N1	18-SEP-2008 08:31:15	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	34258	No
76	GOM_NL__2PRFIN20080918_083242_000000512072_00136_34258_7189.N1	18-SEP-2008 08:32:42	Dark	51.000	9	Alp Eri	0.45300	24000.	102	34258	No
77	GOM_NL__2PRFIN20080918_083822_000000432072_00136_34258_7190.N1	18-SEP-2008 08:38:22	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	34258	No
78	GOM_NL__2PRFIN20080918_084552_000000572072_00136_34258_7191.N1	18-SEP-2008 08:45:52	Tw_i_and_stray	56.500	52	16Bet Cet	2.0370	4500.0	113	34258	No
79	GOM_NL__2PRFIN20080918_085633_000000392072_00136_34258_7192.N1	18-SEP-2008 08:56:33	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	34258	No
80	GOM_NL__2PRFIN20080918_090022_000000402072_00136_34258_7193.N1	18-SEP-2008 09:00:22	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	34258	No
81	GOM_NL__2PRFIN20080918_090211_000000472072_00136_34258_7194.N1	18-SEP-2008 09:02:11	Bright	46.500	58	21Alp And	2.0730	11000.	93	34258	No
82	GOM_NL__2PRFIN20080918_091030_000000402072_00136_34258_7195.N1	18-SEP-2008 09:10:30	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	34258	No
83	GOM_NL__2PRFIN20080918_091213_000000422072_00136_34258_7196.N1	18-SEP-2008 09:12:13	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	34258	No
84	GOM_NL__2PRFIN20080918_093506_000000552072_00136_34258_7197.N1	18-SEP-2008 09:35:06	Bright	55.000	24	66Alp Gem	1.5800	10200.	110	34258	No
85	GOM_NL__2PRFIN20080918_094404_000000562072_00136_34258_7198.N1	18-SEP-2008 09:44:04	Dark	55.500	8	10Alp CMi	0.40000	6500.0	111	34258	No
86	GOM_NL__2PRFIN20080918_095127_000000432072_00136_34258_7199.N1	18-SEP-2008 09:51:27	Dark	43.000	132	15Rho Pup	2.8030	6900.0	86	34258	No
87	GOM_NL__2PRFIN20080918_095332_000000642072_00136_34258_7200.N1	18-SEP-2008 09:53:32	Dark	63.500	1	9Alp CMa	-1.4400	11000.	127	34258	No
88	GOM_NL__2PRFIN20080918_095535_000000522072_00136_34258_7201.N1	18-SEP-2008 09:55:35	Dark	52.000	23	21Eps CMa	1.5020	26000.	104	34258	No
89	GOM_NL__2PRFIN20080918_100142_000000542072_00137_34259_7200.N1	18-SEP-2008 10:01:42	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	34259	No
90	GOM_NL__2PRFIN20080918_101153_000000382072_00137_34259_7201.N1	18-SEP-2008 10:11:53	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	34259	No
91	GOM_NL__2PRFIN20080918_101318_000000472072_00137_34259_7202.N1	18-SEP-2008 10:13:18	Dark	46.500	9	Alp Eri	0.45300	24000.	93	34259	No
92	GOM_NL__2PRFIN20080918_101858_000000442072_00137_34259_7203.N1	18-SEP-2008 10:18:58	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	34259	No
93	GOM_NL__2PRFIN20080918_102628_000000562072_00137_34259_7204.N1	18-SEP-2008 10:26:28	Tw_i_and_stray	56.000	52	16Bet Cet	2.0370	4500.0	112	34259	No
94	GOM_NL__2PRFIN20080918_103708_000000382072_00137_34259_7205.N1	18-SEP-2008 10:37:08	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	34259	No
95	GOM_NL__2PRFIN20080918_104058_000000392072_00137_34259_7206.N1	18-SEP-2008 10:40:58	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	34259	No
96	GOM_NL__2PRFIN20080918_104246_000000442072_00137_34259_7207.N1	18-SEP-2008 10:42:46	Bright	44.000	58	21Alp And	2.0730	11000.	88	34259	No
97	GOM_NL__2PRFIN20080918_105105_000000422072_00137_34259_7208.N1	18-SEP-2008 10:51:05	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	34259	No
98	GOM_NL__2PRFIN20080918_105248_000000422072_00137_34259_7209.N1	18-SEP-2008 10:52:48	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	34259	No
99	GOM_NL__2PRFIN20080918_111542_000000462072_00137_34259_7210.N1	18-SEP-2008 11:15:42	Bright	46.000	24	66Alp Gem	1.5800	10200.	92	34259	No
100	GOM_NL__2PRFIN20080918_112440_000000652072_00137_34259_7211.N1	18-SEP-2008 11:24:40	Dark	65.000	8	10Alp CMi	0.40000	6500.0	130	34259	No
101	GOM_NL__2PRFIN20080918_113204_000000422072_00137_34259_7212.N1	18-SEP-2008 11:32:04	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	34259	No

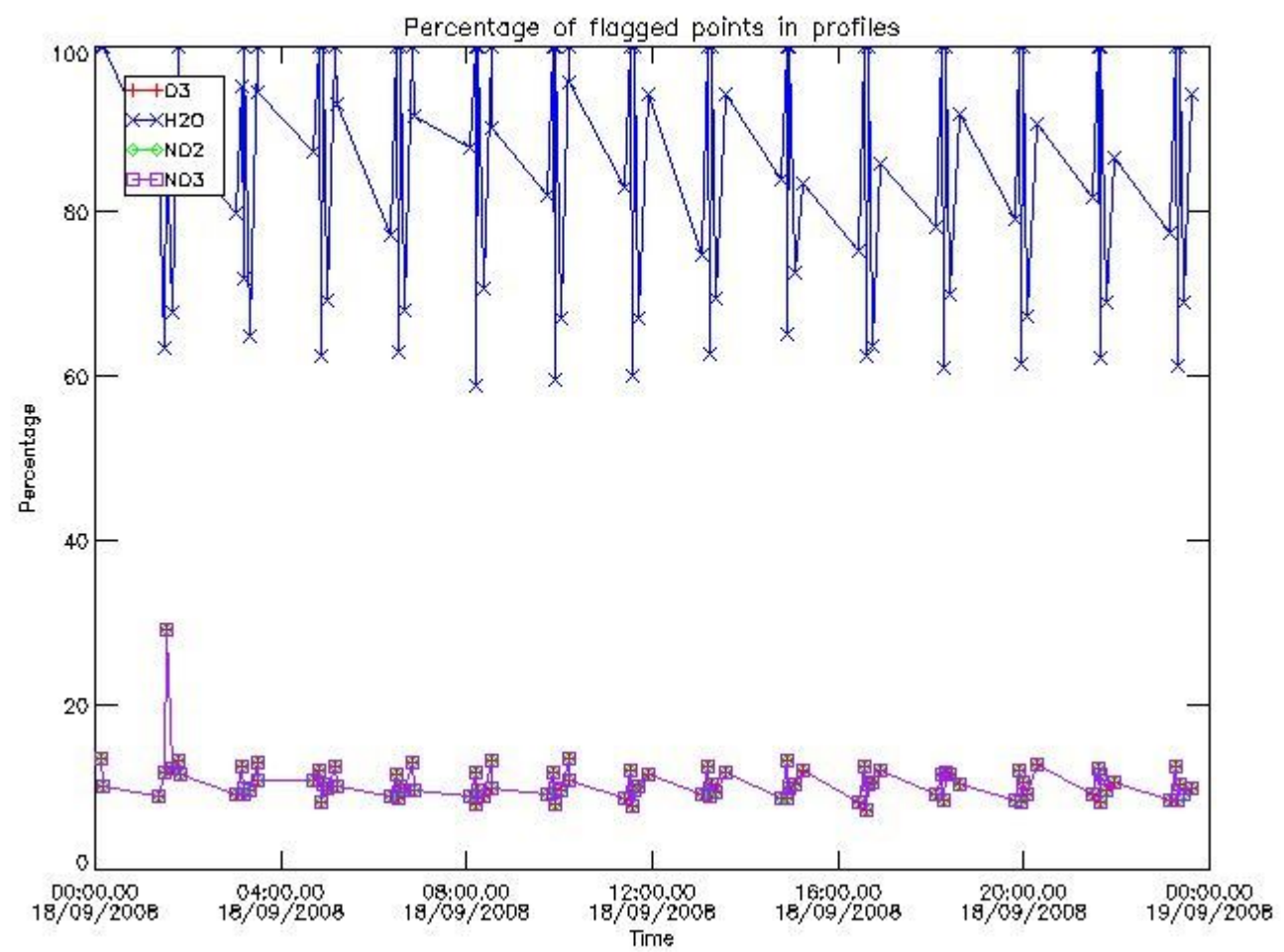
102	GOM_NL__2PRFIN20080918_113409_000000662072_00137_34259_7213.N1	18-SEP-2008 11:34:09	Dark	65.500	1	9Alp CMa	-1.4400	11000.	131	34259	No
103	GOM_NL__2PRFIN20080918_113612_000000532072_00137_34259_7214.N1	18-SEP-2008 11:36:12	Dark	53.000	23	21Eps CMa	1.5020	26000.	106	34259	No
104	GOM_NL__2PRFIN20080918_114219_000000552072_00138_34260_7217.N1	18-SEP-2008 11:42:19	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	34260	No
105	GOM_NL__2PRFIN20080918_115354_000000442072_00138_34260_7218.N1	18-SEP-2008 11:53:54	Dark	44.000	9	Alp Eri	0.45300	24000.	88	34260	No
106	GOM_NL__2PRFIN20080918_115934_000000422072_00138_34260_7219.N1	18-SEP-2008 11:59:34	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	34260	No
107	GOM_NL__2PRFIN20080918_120704_000000572072_00138_34260_7220.N1	18-SEP-2008 12:07:04	Tw_i_and_stray	56.500	52	16Bet Cet	2.0370	4500.0	113	34260	No
108	GOM_NL__2PRFIN20080918_121744_000000382072_00138_34260_7221.N1	18-SEP-2008 12:17:44	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	34260	No
109	GOM_NL__2PRFIN20080918_122133_000000392072_00138_34260_7222.N1	18-SEP-2008 12:21:33	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34260	No
110	GOM_NL__2PRFIN20080918_122321_000000462072_00138_34260_7223.N1	18-SEP-2008 12:23:21	Bright	45.500	58	21Alp And	2.0730	11000.	91	34260	No
111	GOM_NL__2PRFIN20080918_123141_000000422072_00138_34260_7224.N1	18-SEP-2008 12:31:41	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	34260	No
112	GOM_NL__2PRFIN20080918_123324_000000432072_00138_34260_7225.N1	18-SEP-2008 12:33:24	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	34260	No
113	GOM_NL__2PRFIN20080918_125618_000000472072_00138_34260_7226.N1	18-SEP-2008 12:56:18	Bright	46.500	24	66Alp Gem	1.5800	10200.	93	34260	No
114	GOM_NL__2PRFIN20080918_130517_000000562072_00138_34260_7227.N1	18-SEP-2008 13:05:17	Dark	56.000	8	10Alp CMi	0.40000	6500.0	112	34260	No
115	GOM_NL__2PRFIN20080918_131240_000000412072_00138_34260_7228.N1	18-SEP-2008 13:12:40	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	34260	No
116	GOM_NL__2PRFIN20080918_131446_000000622072_00138_34260_7229.N1	18-SEP-2008 13:14:46	Dark	62.000	1	9Alp CMa	-1.4400	11000.	124	34260	No
117	GOM_NL__2PRFIN20080918_131649_000000492072_00138_34260_7230.N1	18-SEP-2008 13:16:49	Dark	49.000	23	21Eps CMa	1.5020	26000.	98	34260	No
118	GOM_NL__2PRFIN20080918_132255_000000552072_00139_34261_7253.N1	18-SEP-2008 13:22:55	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	34261	No
119	GOM_NL__2PRFIN20080918_133431_000000432072_00139_34261_7254.N1	18-SEP-2008 13:34:31	Dark	43.000	9	Alp Eri	0.45300	24000.	86	34261	No
120	GOM_NL__2PRFIN20080918_134010_000000452072_00139_34261_7255.N1	18-SEP-2008 13:40:10	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	34261	No
121	GOM_NL__2PRFIN20080918_134740_000000562072_00139_34261_7256.N1	18-SEP-2008 13:47:40	Tw_i_and_stray	56.000	52	16Bet Cet	2.0370	4500.0	112	34261	No
122	GOM_NL__2PRFIN20080918_135820_000000392072_00139_34261_7257.N1	18-SEP-2008 13:58:20	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34261	No
123	GOM_NL__2PRFIN20080918_140209_000000392072_00139_34261_7258.N1	18-SEP-2008 14:02:09	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34261	No
124	GOM_NL__2PRFIN20080918_140357_000000452072_00139_34261_7259.N1	18-SEP-2008 14:03:57	Bright	44.500	58	21Alp And	2.0730	11000.	89	34261	No
125	GOM_NL__2PRFIN20080918_141216_000000402072_00139_34261_7260.N1	18-SEP-2008 14:12:16	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	34261	No
126	GOM_NL__2PRFIN20080918_141359_000000382072_00139_34261_7261.N1	18-SEP-2008 14:13:59	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	34261	No
127	GOM_NL__2PRFIN20080918_143654_000000482072_00139_34261_7262.N1	18-SEP-2008 14:36:54	Bright	48.000	24	66Alp Gem	1.5800	10200.	96	34261	No
128	GOM_NL__2PRFIN20080918_144553_000000592072_00139_34261_7263.N1	18-SEP-2008 14:45:53	Dark	59.000	8	10Alp CMi	0.40000	6500.0	118	34261	No
129	GOM_NL__2PRFIN20080918_145317_000000392072_00139_34261_7264.N1	18-SEP-2008 14:53:17	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	34261	No
130	GOM_NL__2PRFIN20080918_145523_000000592072_00139_34261_7265.N1	18-SEP-2008 14:55:23	Dark	59.000	1	9Alp CMa	-1.4400	11000.	118	34261	No
131	GOM_NL__2PRFIN20080918_145726_000000522072_00139_34261_7266.N1	18-SEP-2008 14:57:26	Dark	52.000	23	21Eps CMa	1.5020	26000.	104	34261	No
132	GOM_NL__2PRFIN20080918_150332_000000502072_00140_34262_7267.N1	18-SEP-2008 15:03:32	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	34262	No
133	GOM_NL__2PRFIN20080918_151507_000000432072_00140_34262_7268.N1	18-SEP-2008 15:15:07	Dark	42.500	9	Alp Eri	0.45300	24000.	85	34262	No
134	GOM_NL__2PRFIN20080918_152047_000000432072_00140_34262_7269.N1	18-SEP-2008 15:20:47	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34262	No
135	GOM_NL__2PRFIN20080918_152816_000000572072_00140_34262_7270.N1	18-SEP-2008 15:28:16	Tw_i_and_stray	57.000	52	16Bet Cet	2.0370	4500.0	114	34262	No
136	GOM_NL__2PRFIN20080918_153856_000000392072_00140_34262_7271.N1	18-SEP-2008 15:38:56	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	34262	No
137	GOM_NL__2PRFIN20080918_154245_000000412072_00140_34262_7272.N1	18-SEP-2008 15:42:45	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	34262	No
138	GOM_NL__2PRFIN20080918_154432_000000452072_00140_34262_7273.N1	18-SEP-2008 15:44:32	Bright	45.000	58	21Alp And	2.0730	11000.	90	34262	No
139	GOM_NL__2PRFIN20080918_155252_000000402072_00140_34262_7274.N1	18-SEP-2008 15:52:52	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	34262	No
140	GOM_NL__2PRFIN20080918_155435_000000402072_00140_34262_7275.N1	18-SEP-2008 15:54:35	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	34262	No
141	GOM_NL__2PRFIN20080918_161730_000000472072_00140_34262_7276.N1	18-SEP-2008 16:17:30	Bright	46.500	24	66Alp Gem	1.5800	10200.	93	34262	No
142	GOM_NL__2PRFIN20080918_162630_000000632072_00140_34262_7277.N1	18-SEP-2008 16:26:30	Dark	63.000	8	10Alp CMi	0.40000	6500.0	126	34262	No
143	GOM_NL__2PRFIN20080918_163353_000000412072_00140_34262_7278.N1	18-SEP-2008 16:33:53	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	34262	No
144	GOM_NL__2PRFIN20080918_163601_000000702072_00140_34262_7279.N1	18-SEP-2008 16:36:01	Dark	69.500	1	9Alp CMa	-1.4400	11000.	139	34262	No
145	GOM_NL__2PRFIN20080918_163803_000000502072_00140_34262_7280.N1	18-SEP-2008 16:38:03	Dark	49.500	23	21Eps CMa	1.5020	26000.	99	34262	No
146	GOM_NL__2PRFIN20080918_164408_000000492072_00141_34263_7279.N1	18-SEP-2008 16:44:08	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	34263	No
147	GOM_NL__2PRFIN20080918_165544_000000432072_00141_34263_7280.N1	18-SEP-2008 16:55:44	Dark	42.500	9	Alp Eri	0.45300	24000.	85	34263	No
148	GOM_NL__2PRFIN20080918_170123_000000452072_00141_34263_7281.N1	18-SEP-2008 17:01:23	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	34263	No
149	GOM_NL__2PRFIN20080918_170852_000000562072_00141_34263_7282.N1	18-SEP-2008 17:08:52	Tw_i_and_stray	55.500	52	16Bet Cet	2.0370	4500.0	111	34263	No
150	GOM_NL__2PRFIN20080918_171932_000000392072_00141_34263_7283.N1	18-SEP-2008 17:19:32	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34263	No
151	GOM_NL__2PRFIN20080918_172321_000000402072_00141_34263_7284.N1	18-SEP-2008 17:23:21	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	34263	No
152	GOM_NL__2PRFIN20080918_172508_000000442072_00141_34263_7285.N1	18-SEP-2008 17:25:08	Bright	44.000	58	21Alp And	2.0730	11000.	88	34263	No
153	GOM_NL__2PRFIN20080918_173327_000000392072_00141_34263_7286.N1	18-SEP-2008 17:33:27	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	34263	No
154	GOM_NL__2PRFIN20080918_173510_000000432072_00141_34263_7287.N1	18-SEP-2008 17:35:10	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	34263	No
155	GOM_NL__2PRFIN20080918_175806_000000482072_00141_34263_7288.N1	18-SEP-2008 17:58:06	Bright	47.500	24	66Alp Gem	1.5800	10200.	95	34263	No
156	GOM_NL__2PRFIN20080918_180706_000000552072_00141_34263_7289.N1	18-SEP-2008 18:07:06	Dark	55.000	8	10Alp CMi	0.40000	6500.0	110	34263	No
157	GOM_NL__2PRFIN20080918_181430_000000442072_00141_34263_7290.N1	18-SEP-2008 18:14:30	Dark	44.000	132	15Rho Pup	2.8030	6900.0	88	34263	No
158	GOM_NL__2PRFIN20080918_181638_000000612072_00141_34263_7291.N1	18-SEP-2008 18:16:38	Dark	60.500	1	9Alp CMa	-1.4400	11000.	121	34263	No
159	GOM_NL__2PRFIN20080918_181840_000000482072_00141_34263_7292.N1	18-SEP-2008 18:18:40	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	34263	No
160	GOM_NL__2PRFIN20080918_182445_000000572072_00142_34264_7290.N1	18-SEP-2008 18:24:45	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	34264	No

161	GOM_NL__2PRFIN20080918_183620_000000492072_00142_34264_7291.N1	18-SEP-2008 18:36:20	Dark	49.000	9	Alp Eri	0.45300	24000.	98	34264	No
162	GOM_NL__2PRFIN20080918_184200_000000422072_00142_34264_7292.N1	18-SEP-2008 18:42:00	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	34264	No
163	GOM_NL__2PRFIN20080918_184928_000000512072_00142_34264_7293.N1	18-SEP-2008 18:49:28	Twilight_and_stray	50.500	52	16Bet Cet	2.0370	4500.0	101	34264	No
164	GOM_NL__2PRFIN20080918_190008_000000382072_00142_34264_7294.N1	18-SEP-2008 19:00:08	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	34264	No
165	GOM_NL__2PRFIN20080918_190357_000000382072_00142_34264_7295.N1	18-SEP-2008 19:03:57	Bright	37.500	93	53Bet Peg	2.5200	3100.0	75	34264	No
166	GOM_NL__2PRFIN20080918_190543_000000442072_00142_34264_7296.N1	18-SEP-2008 19:05:43	Bright	44.000	58	21Alp And	2.0730	11000.	88	34264	No
167	GOM_NL__2PRFIN20080918_191403_000000512072_00142_34264_7297.N1	18-SEP-2008 19:14:03	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	34264	No
168	GOM_NL__2PRFIN20080918_191546_000000432072_00142_34264_7298.N1	18-SEP-2008 19:15:46	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	34264	No
169	GOM_NL__2PRFIN20080918_193842_000000472072_00142_34264_7299.N1	18-SEP-2008 19:38:42	Bright	46.500	24	66Alp Gem	1.5800	10200.	93	34264	No
170	GOM_NL__2PRFIN20080918_194743_000000602072_00142_34264_7300.N1	18-SEP-2008 19:47:43	Dark	60.000	8	10Alp CMi	0.40000	6500.0	120	34264	No
171	GOM_NL__2PRFIN20080918_195506_000000432072_00142_34264_7301.N1	18-SEP-2008 19:55:06	Dark	42.500	132	15Rho Pup	2.8030	6900.0	85	34264	No
172	GOM_NL__2PRFIN20080918_195715_000000622072_00142_34264_7302.N1	18-SEP-2008 19:57:15	Dark	61.500	1	9Alp CMa	-1.4400	11000.	123	34264	No
173	GOM_NL__2PRFIN20080918_195917_000000482072_00142_34264_7303.N1	18-SEP-2008 19:59:17	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	34264	No
174	GOM_NL__2PRFIN20080918_200522_000000562072_00143_34265_7317.N1	18-SEP-2008 20:05:22	Dark	55.500	2	Alp Car	-0.73600	7000.0	111	34265	No
175	GOM_NL__2PRFIN20080918_201656_000000432072_00143_34265_7318.N1	18-SEP-2008 20:16:56	Dark	43.000	9	Alp Eri	0.45300	24000.	86	34265	No
176	GOM_NL__2PRFIN20080918_202236_000000452072_00143_34265_7319.N1	18-SEP-2008 20:22:36	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	34265	No
177	GOM_NL__2PRFIN20080918_203004_000000562072_00143_34265_7320.N1	18-SEP-2008 20:30:04	Twilight_and_stray	56.000	52	16Bet Cet	2.0370	4500.0	112	34265	No
178	GOM_NL__2PRFIN20080918_204043_000000392072_00143_34265_7321.N1	18-SEP-2008 20:40:43	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34265	No
179	GOM_NL__2PRFIN20080918_204432_000000402072_00143_34265_7322.N1	18-SEP-2008 20:44:32	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	34265	No
180	GOM_NL__2PRFIN20080918_204618_000000442072_00143_34265_7323.N1	18-SEP-2008 20:46:18	Bright	43.500	58	21Alp And	2.0730	11000.	87	34265	No
181	GOM_NL__2PRFIN20080918_205438_000000402072_00143_34265_7324.N1	18-SEP-2008 20:54:38	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	34265	No
182	GOM_NL__2PRFIN20080918_205621_000000432072_00143_34265_7325.N1	18-SEP-2008 20:56:21	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	34265	No
183	GOM_NL__2PRFIN20080918_211919_000000462072_00143_34265_7326.N1	18-SEP-2008 21:19:19	Bright	45.500	24	66Alp Gem	1.5800	10200.	91	34265	No
184	GOM_NL__2PRFIN20080918_212819_000000662072_00143_34265_7327.N1	18-SEP-2008 21:28:19	Dark	65.500	8	10Alp CMi	0.40000	6500.0	131	34265	No
185	GOM_NL__2PRFIN20080918_213543_000000422072_00143_34265_7328.N1	18-SEP-2008 21:35:43	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	34265	No
186	GOM_NL__2PRFIN20080918_213752_000000632072_00143_34265_7329.N1	18-SEP-2008 21:37:52	Dark	62.500	1	9Alp CMa	-1.4400	11000.	125	34265	No
187	GOM_NL__2PRFIN20080918_213953_000000452072_00143_34265_7330.N1	18-SEP-2008 21:39:53	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	34265	No
188	GOM_NL__2PRFIN20080918_214558_000000542072_00144_34266_7331.N1	18-SEP-2008 21:45:58	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	34266	No
189	GOM_NL__2PRFIN20080918_215733_000000492072_00144_34266_7332.N1	18-SEP-2008 21:57:33	Dark	48.500	9	Alp Eri	0.45300	24000.	97	34266	No
190	GOM_NL__2PRFIN20080918_220312_000000412072_00144_34266_7333.N1	18-SEP-2008 22:03:12	Straylight	40.500	84	Alp Phe	2.3970	4500.0	81	34266	No
191	GOM_NL__2PRFIN20080918_221040_000000552072_00144_34266_7334.N1	18-SEP-2008 22:10:40	Twilight_and_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	34266	No
192	GOM_NL__2PRFIN20080918_222119_000000392072_00144_34266_7335.N1	18-SEP-2008 22:21:19	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34266	No
193	GOM_NL__2PRFIN20080918_222508_000000392072_00144_34266_7336.N1	18-SEP-2008 22:25:08	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34266	No
194	GOM_NL__2PRFIN20080918_222654_000000452072_00144_34266_7337.N1	18-SEP-2008 22:26:54	Bright	44.500	58	21Alp And	2.0730	11000.	89	34266	No
195	GOM_NL__2PRFIN20080918_223514_000000412072_00144_34266_7338.N1	18-SEP-2008 22:35:14	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	34266	No
196	GOM_NL__2PRFIN20080918_223656_000000422072_00144_34266_7339.N1	18-SEP-2008 22:36:56	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	34266	No
197	GOM_NL__2PRFIN20080918_225954_000000472072_00144_34266_7340.N1	18-SEP-2008 22:59:54	Bright	46.500	24	66Alp Gem	1.5800	10200.	93	34266	No
198	GOM_NL__2PRFIN20080918_230856_000000602072_00144_34266_7341.N1	18-SEP-2008 23:08:56	Dark	59.500	8	10Alp CMi	0.40000	6500.0	119	34266	No
199	GOM_NL__2PRFIN20080918_231619_000000412072_00144_34266_7342.N1	18-SEP-2008 23:16:19	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	34266	No
200	GOM_NL__2PRFIN20080918_231829_000000662072_00144_34266_7343.N1	18-SEP-2008 23:18:29	Dark	66.000	1	9Alp CMa	-1.4400	11000.	132	34266	No
201	GOM_NL__2PRFIN20080918_232030_000000492072_00144_34266_7344.N1	18-SEP-2008 23:20:30	Dark	49.000	23	21Eps CMa	1.5020	26000.	98	34266	No
202	GOM_NL__2PRFIN20080918_232635_000000552072_00145_34267_7343.N1	18-SEP-2008 23:26:35	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	34267	No
203	GOM_NL__2PRFIN20080918_233809_000000522072_00145_34267_7344.N1	18-SEP-2008 23:38:09	Dark	52.000	9	Alp Eri	0.45300	24000.	104	34267	No
204	GOM_NL__2PRFIN20080918_234348_000000432072_00145_34267_7345.N1	18-SEP-2008 23:43:48	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34267	No
205	GOM_NL__2PRFIN20080918_235117_000000562072_00145_34267_7346.N1	18-SEP-2008 23:51:17	Twilight_and_stray	55.500	52	16Bet Cet	2.0370	4500.0	111	34267	No

3. Quality information per product

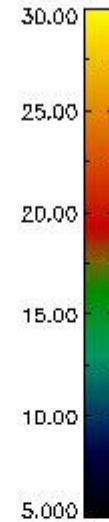
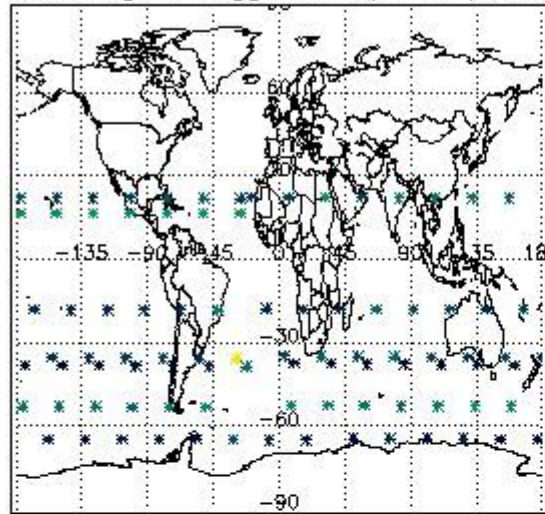
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

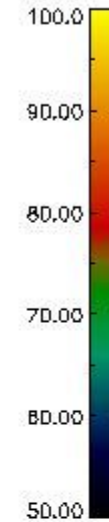
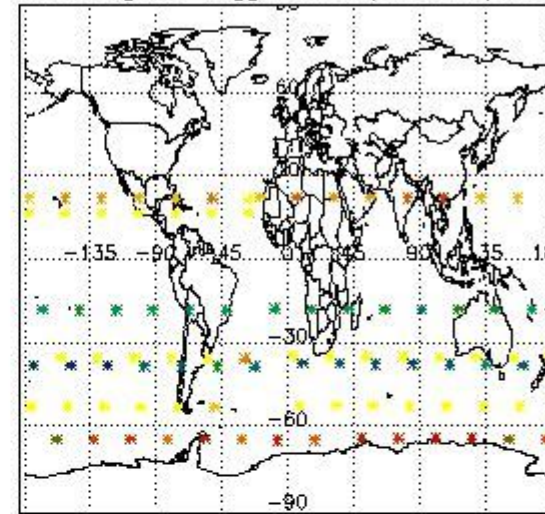


3.2 Plot quality information per product (world map)

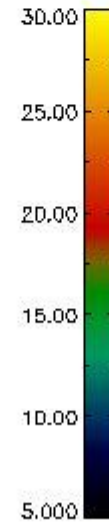
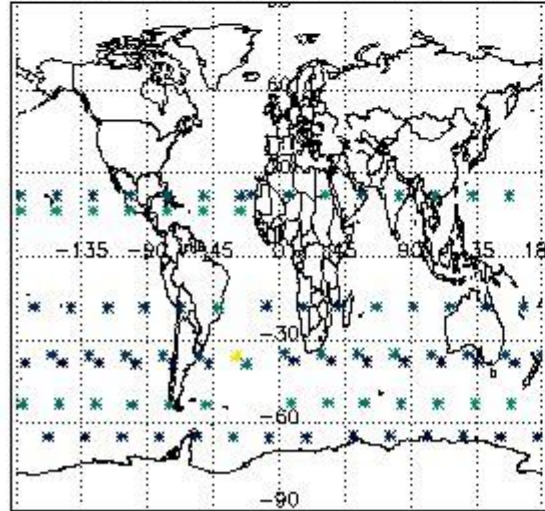
Percentage of flagged data per O3 profile



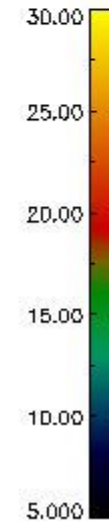
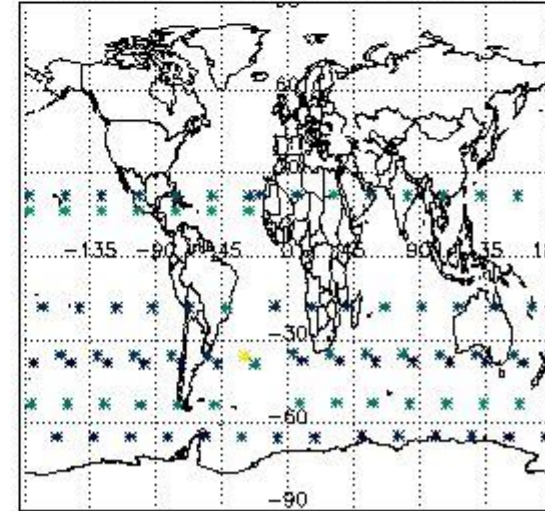
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

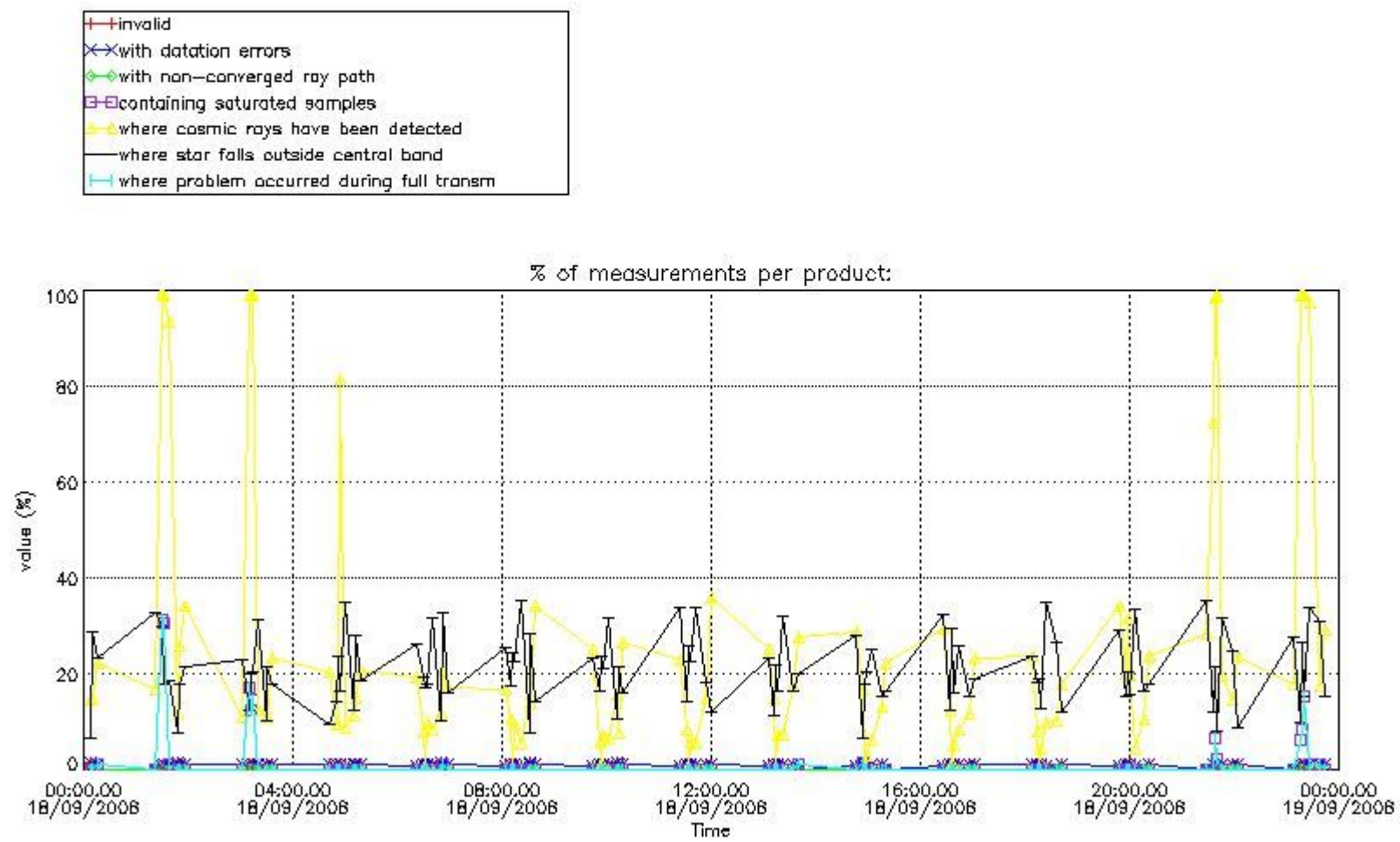


4. Level 1 quality information per product

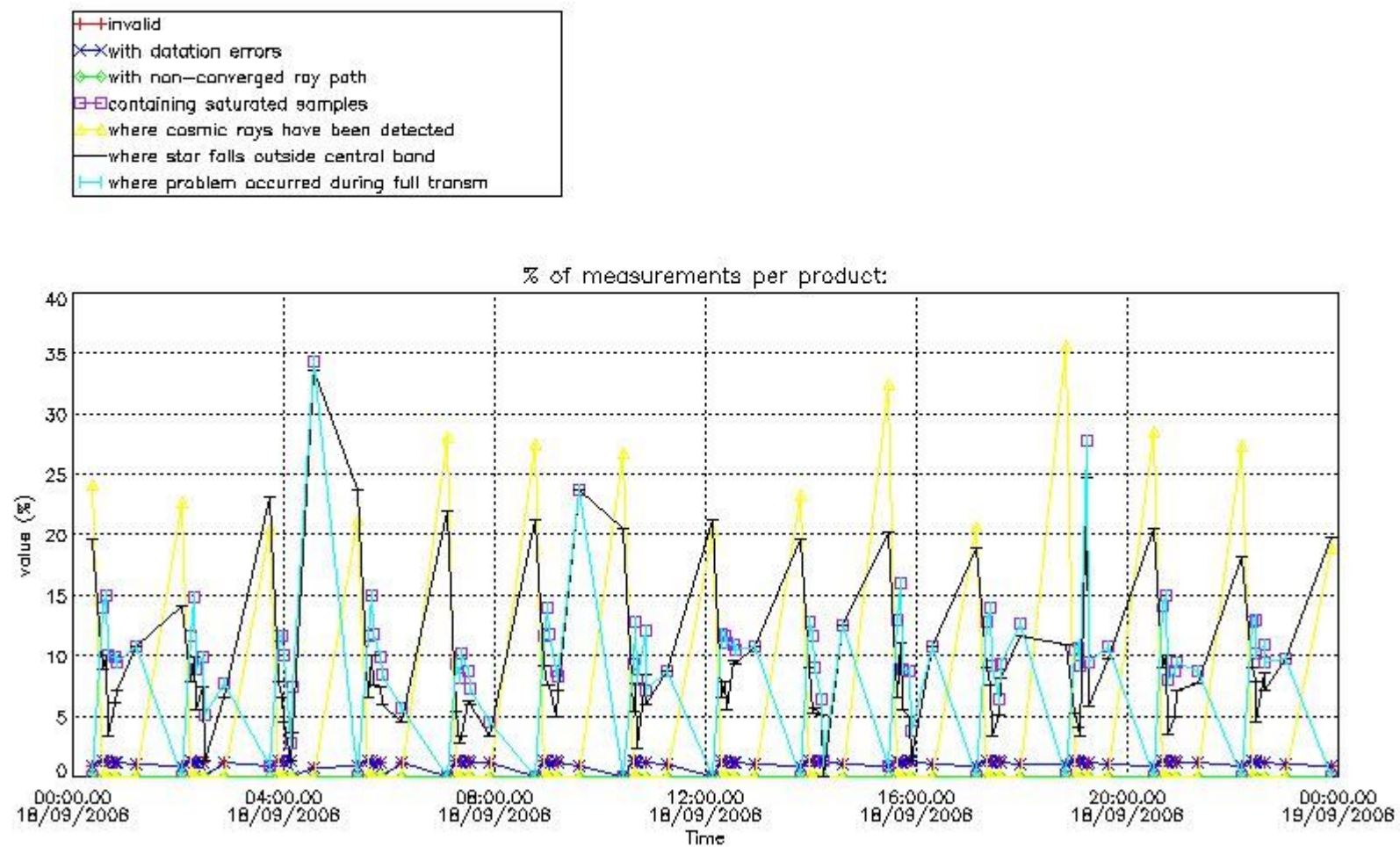
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

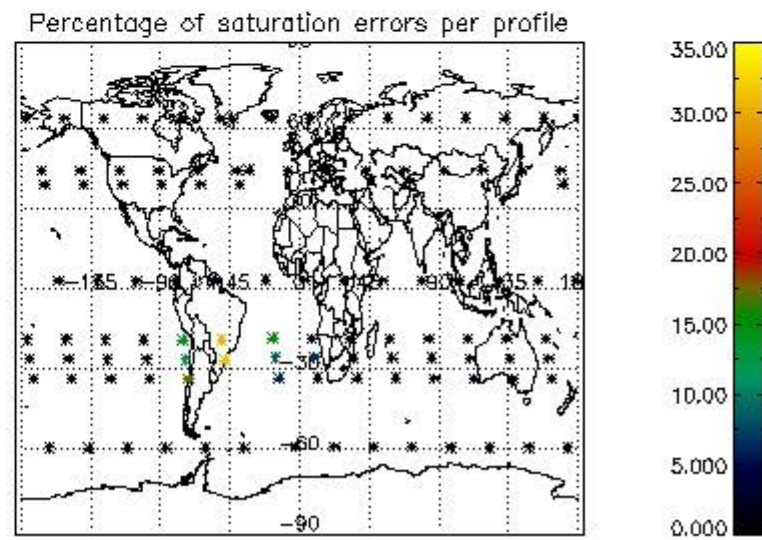
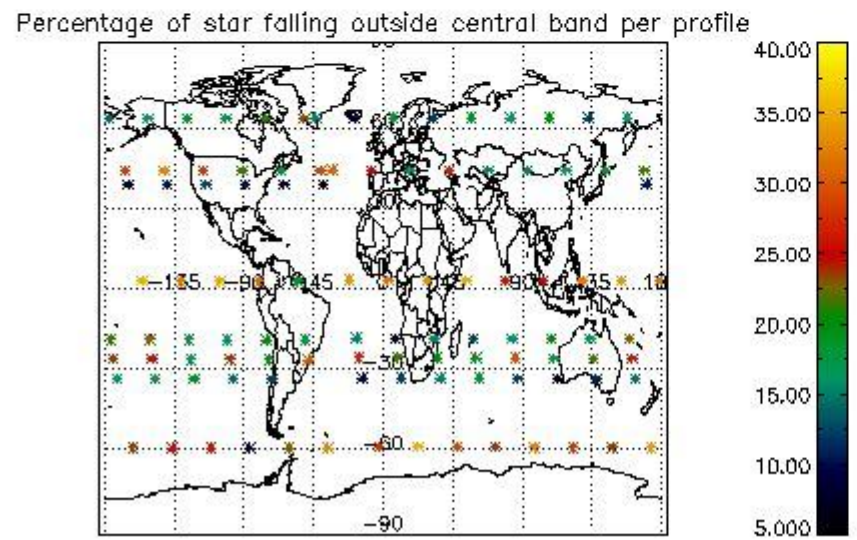
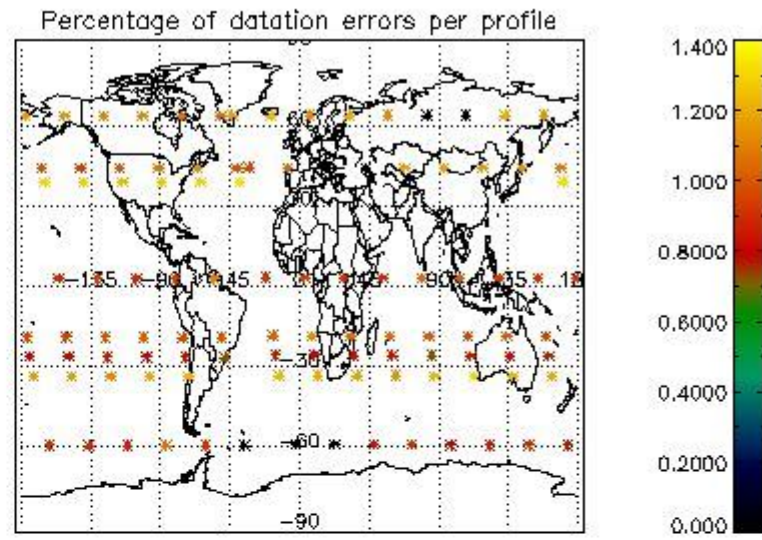
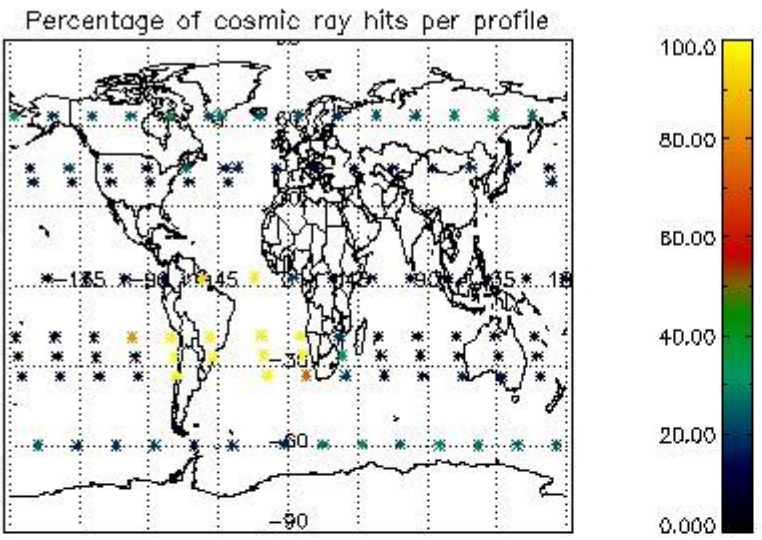


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

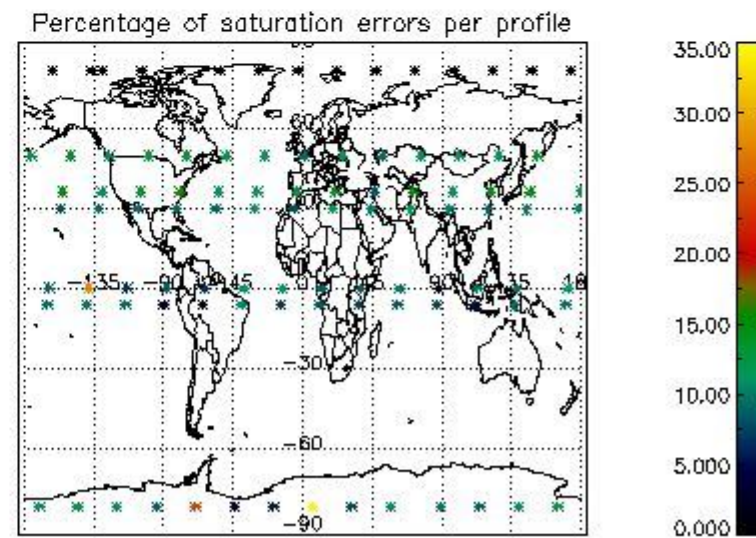
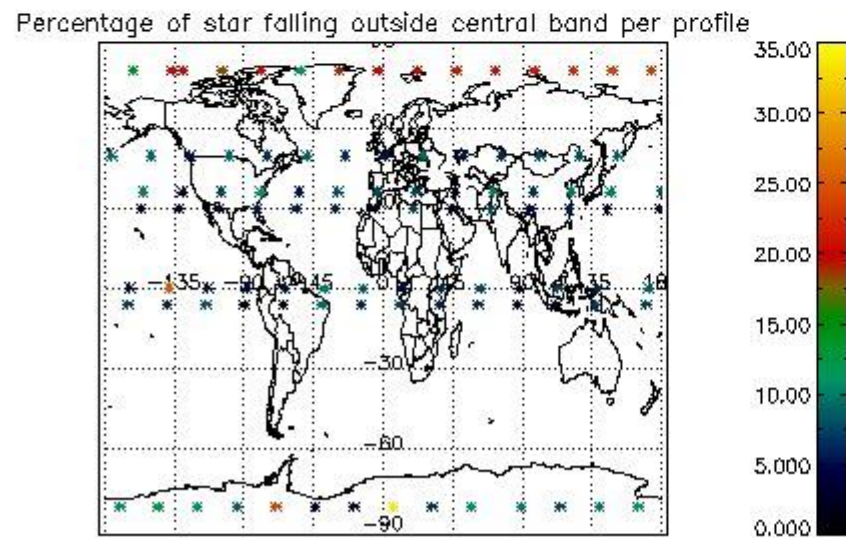
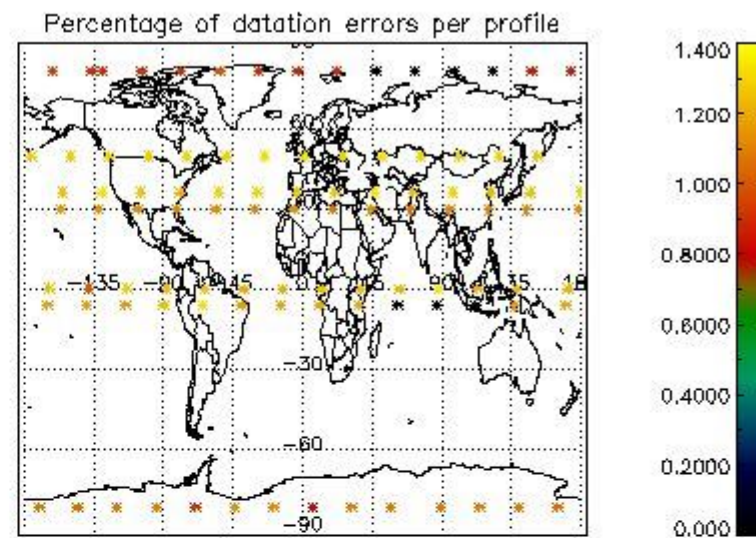
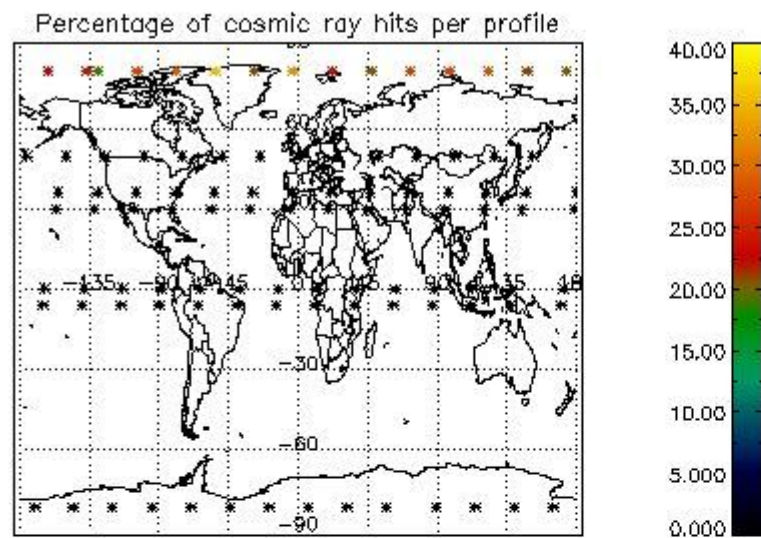


4.2 Plot quality information per product coming from level 1b processing (world map)

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

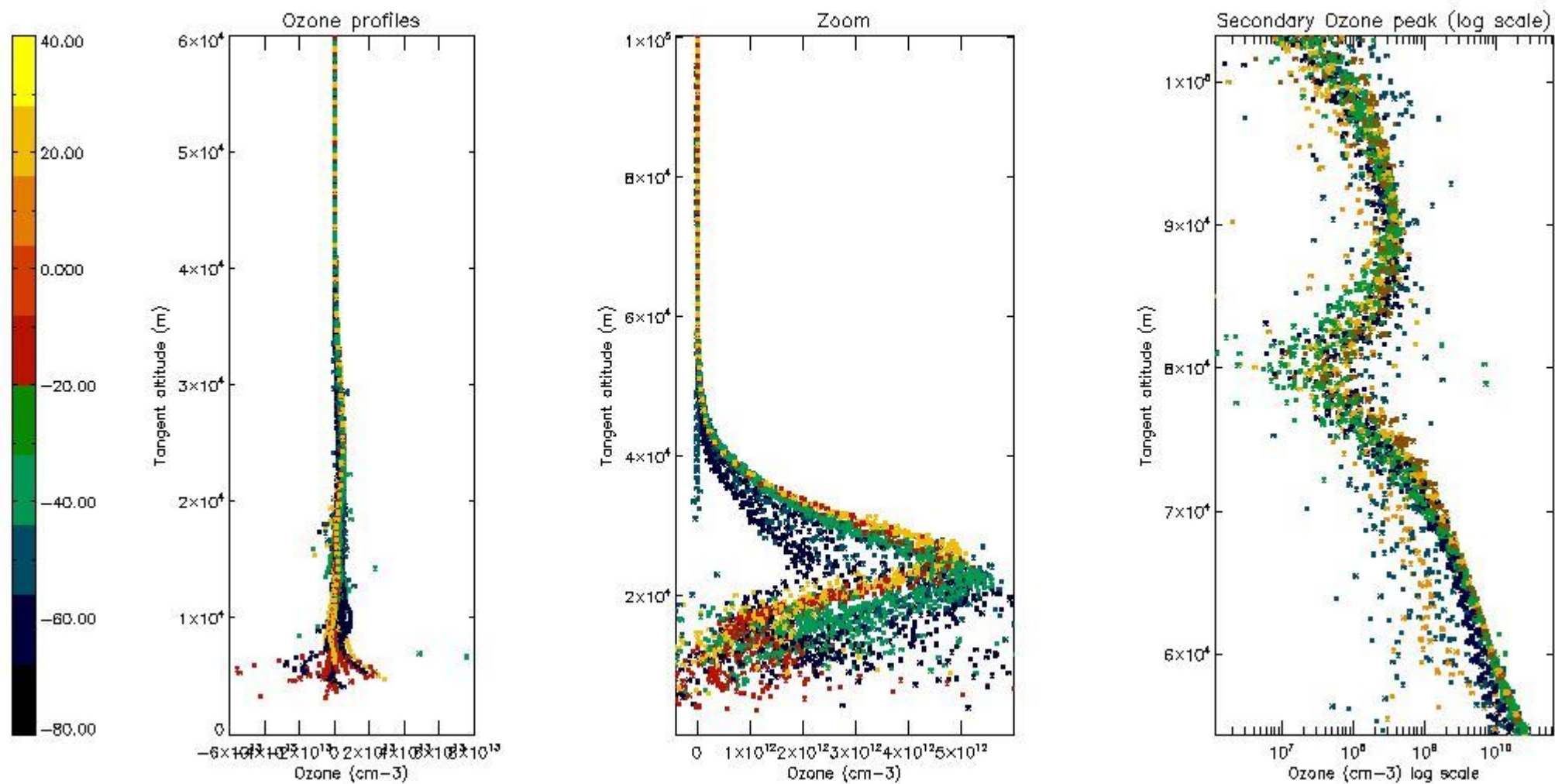
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	49
STD < 20	31

STD < 10	25
STD < 5	21

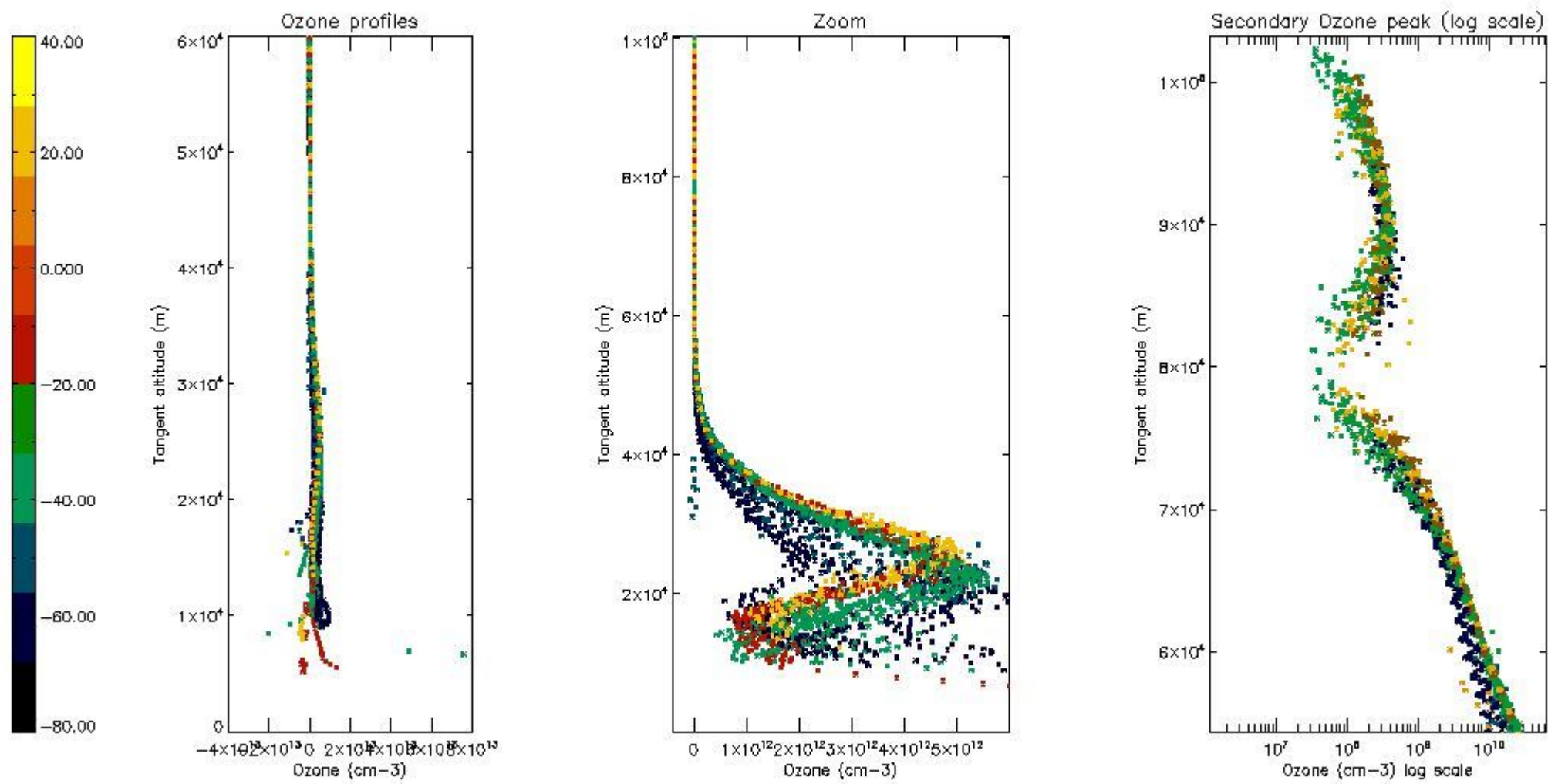
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



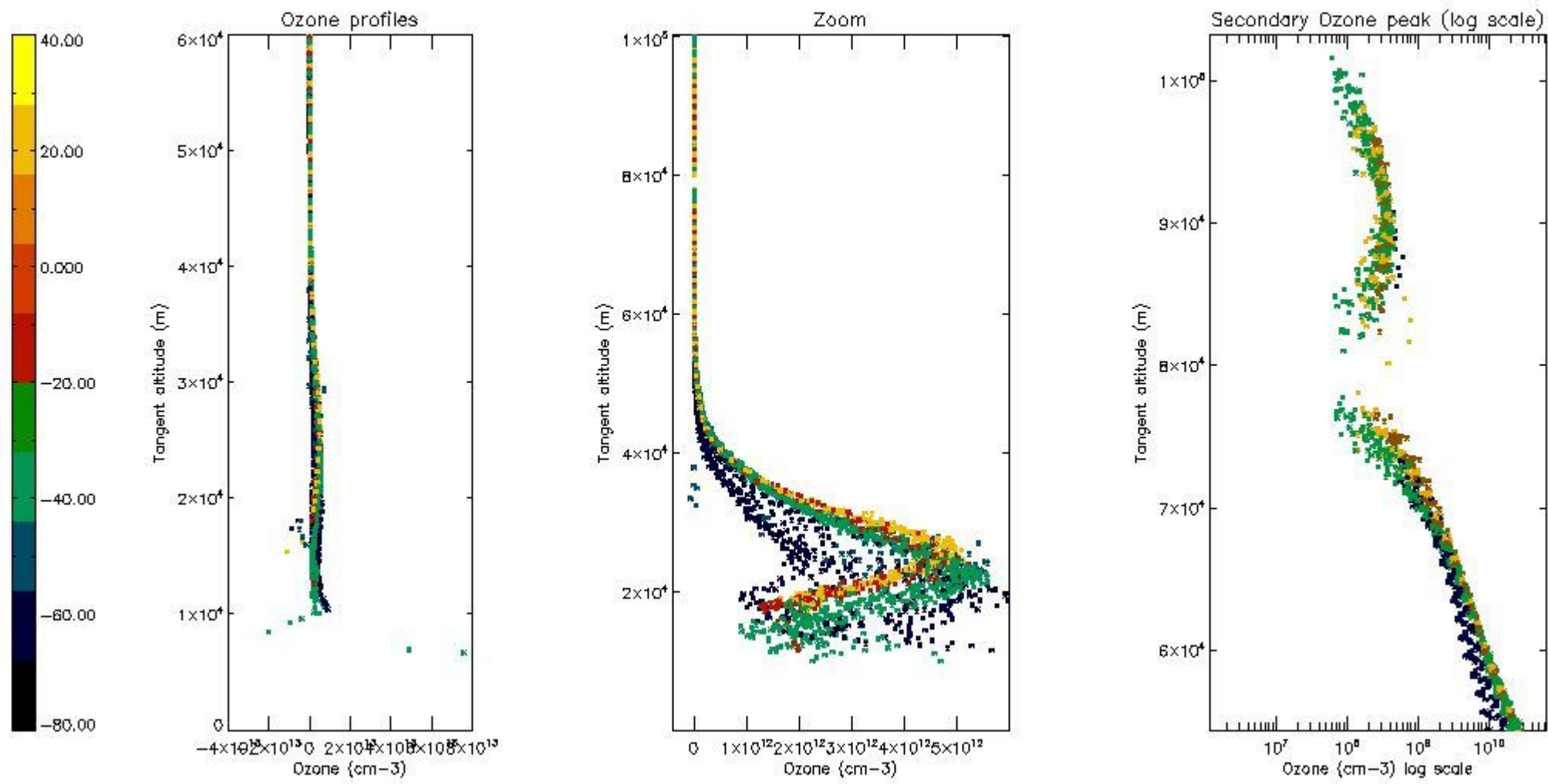
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



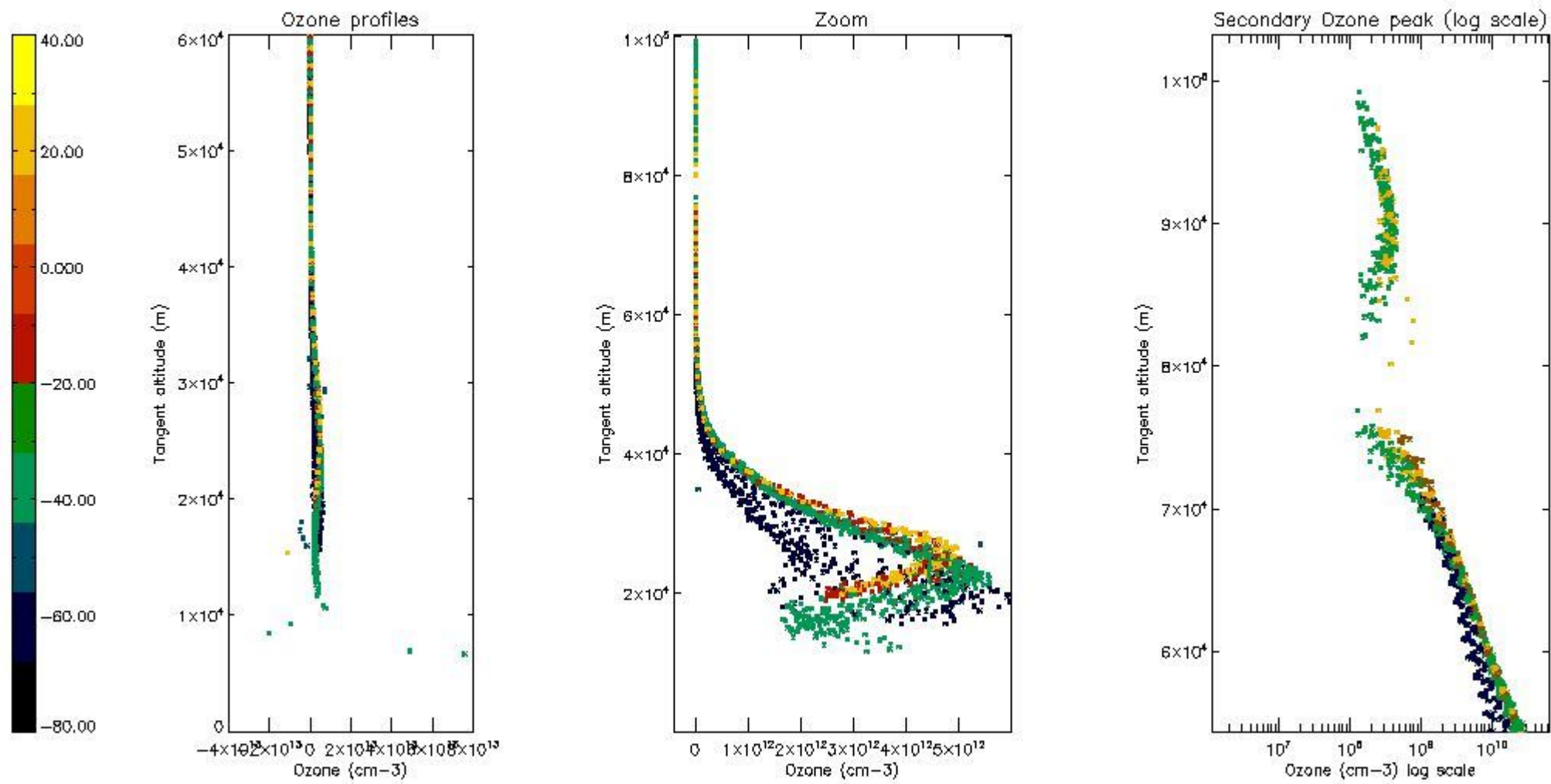
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



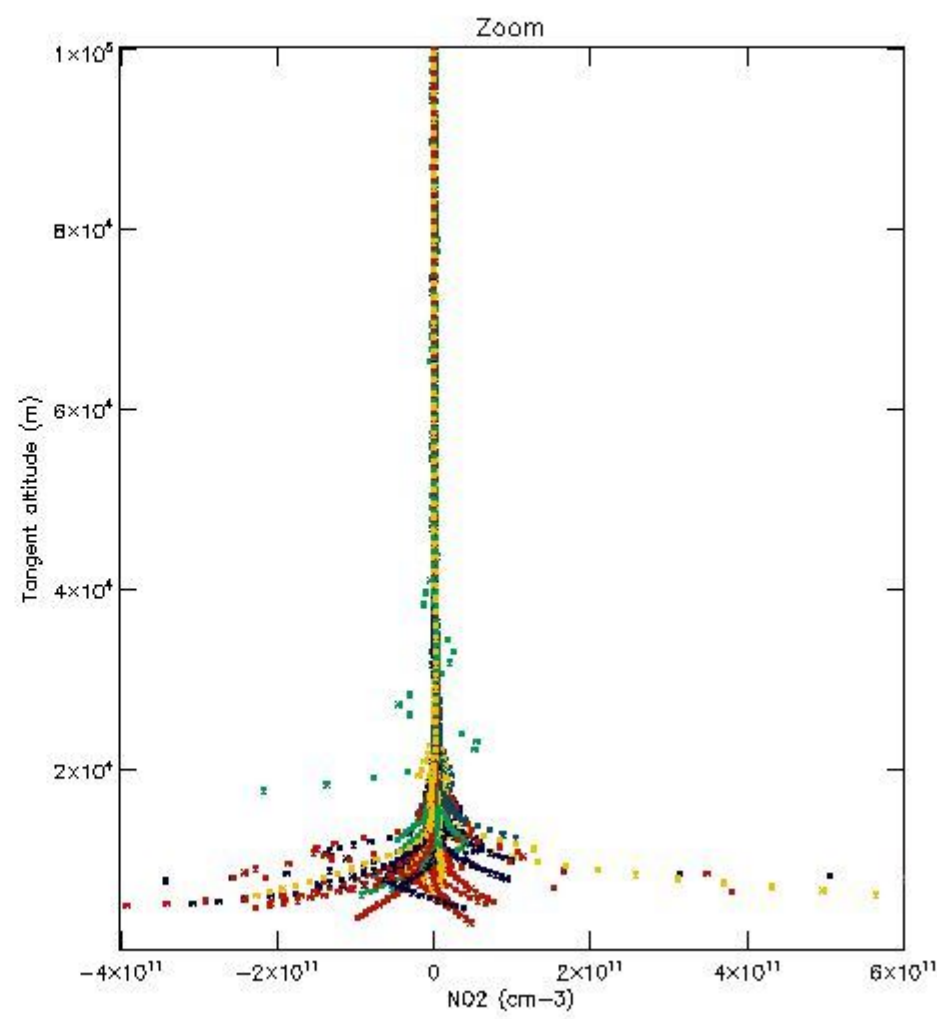
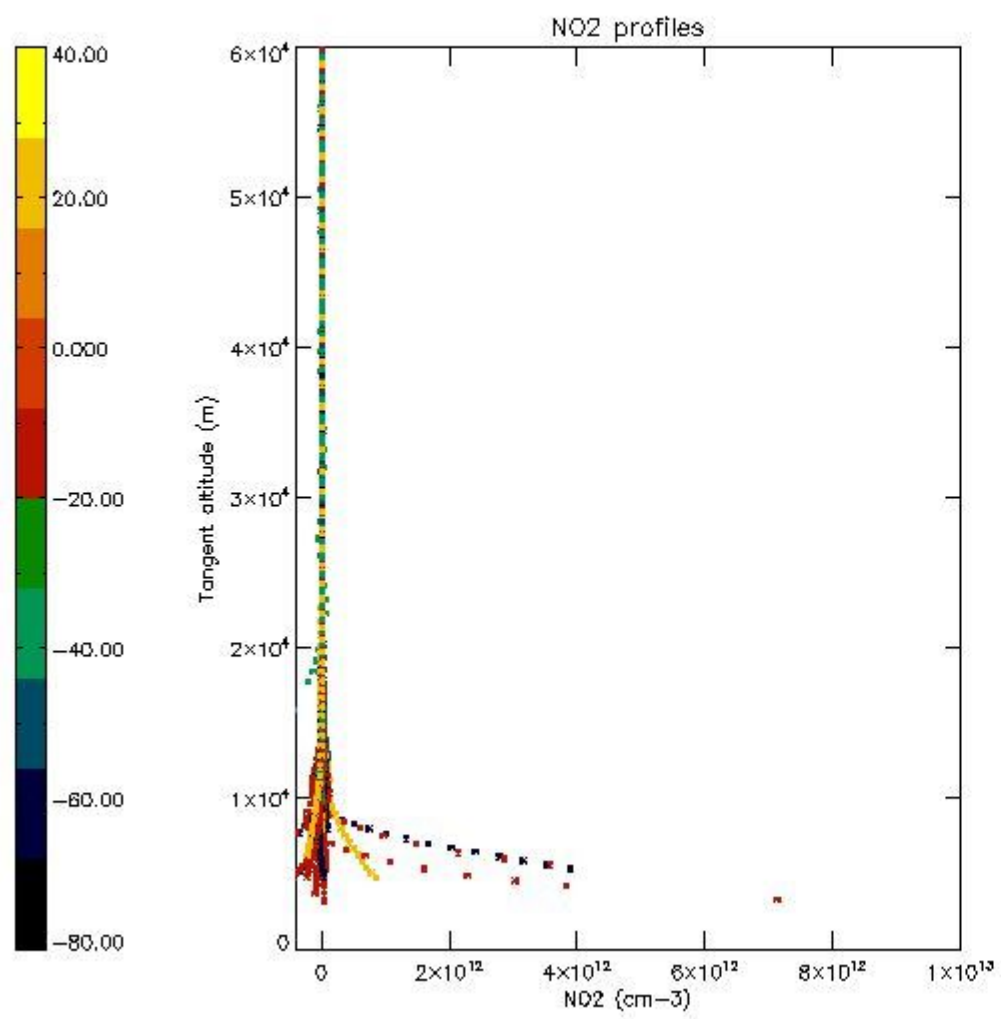
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



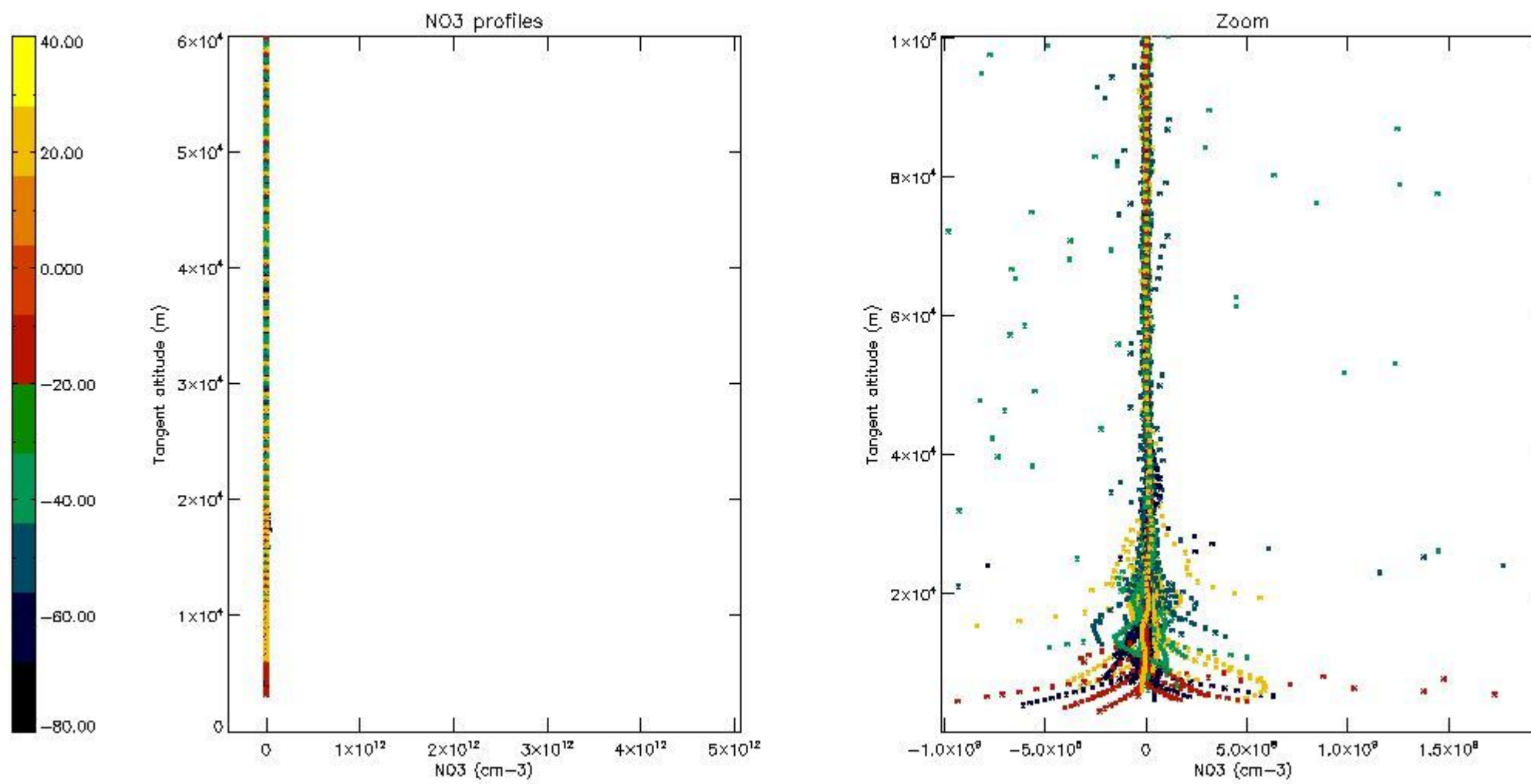
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



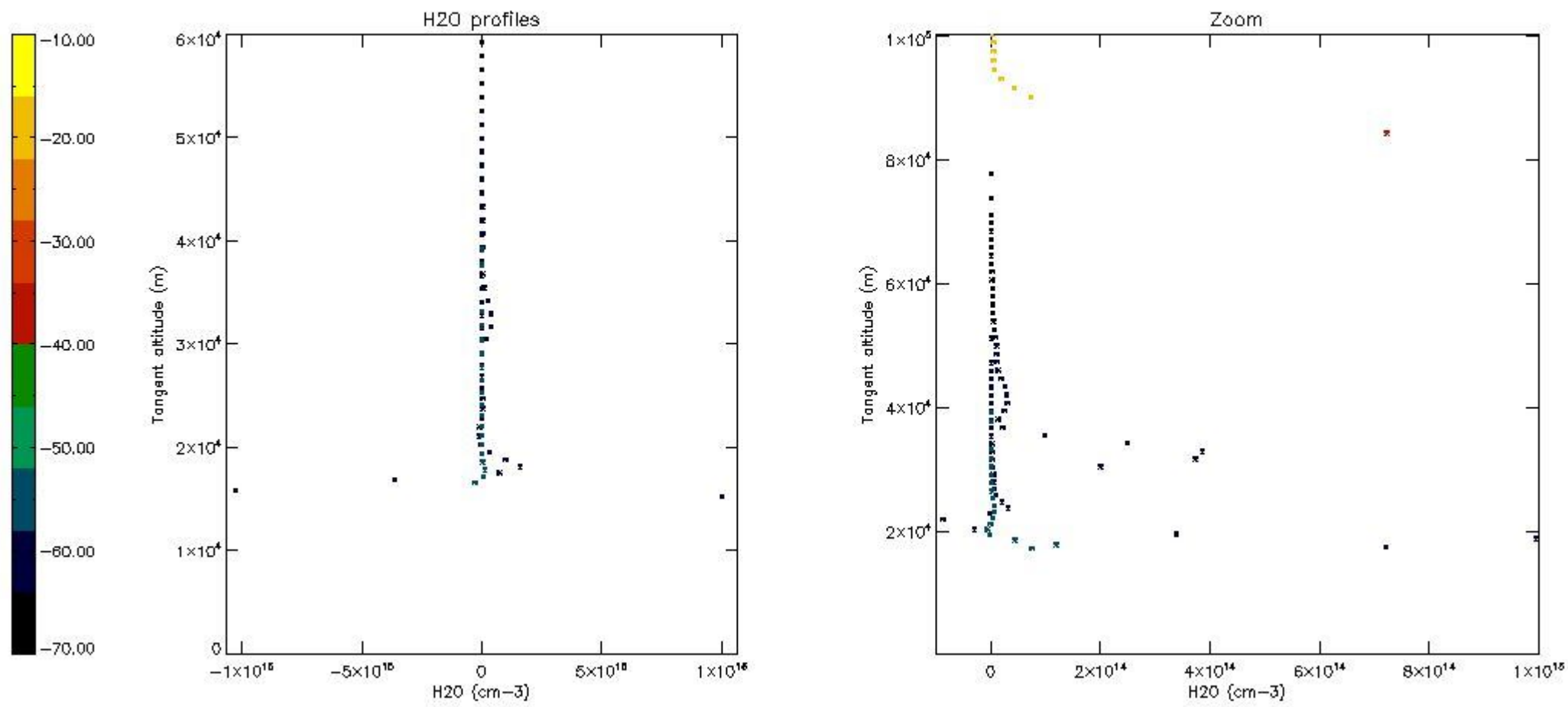
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

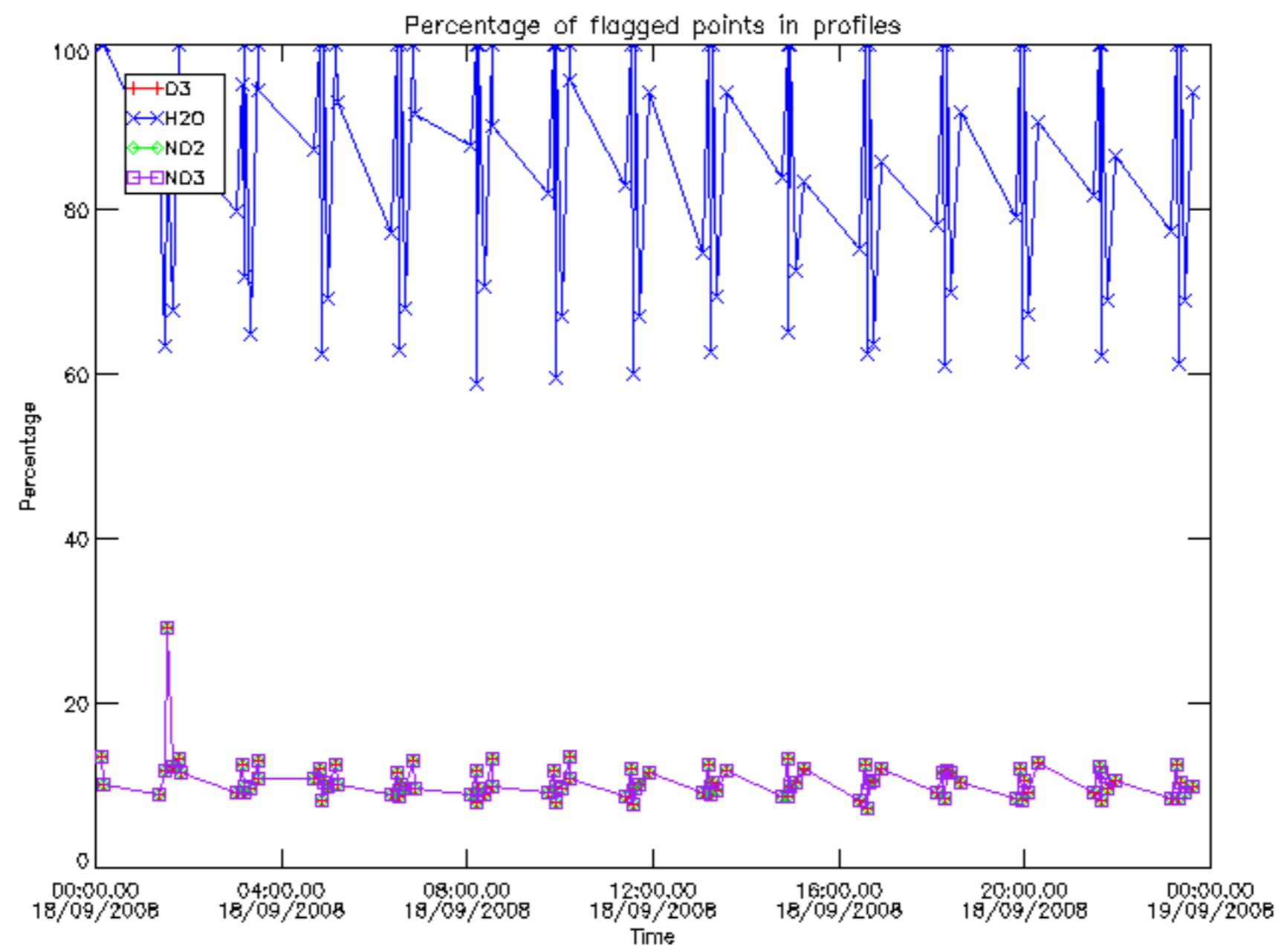
The colorbar represents the latitude.



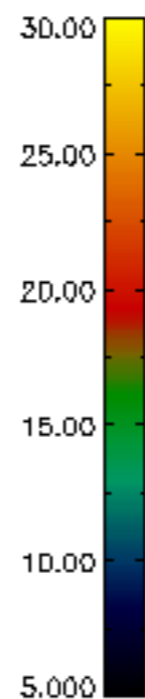
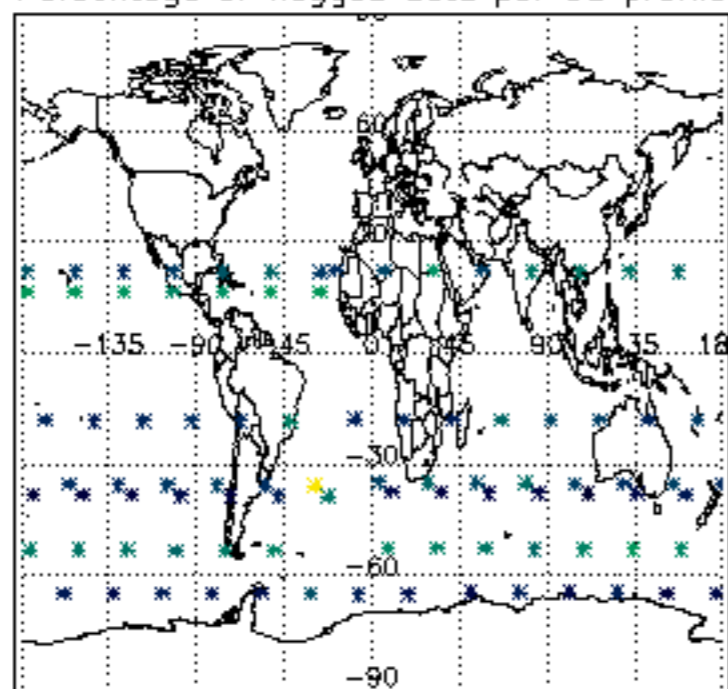
6. Auxiliary Data Files used for the production reported in section 2

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.

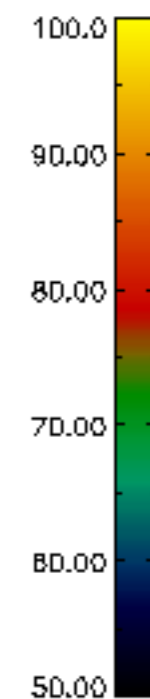
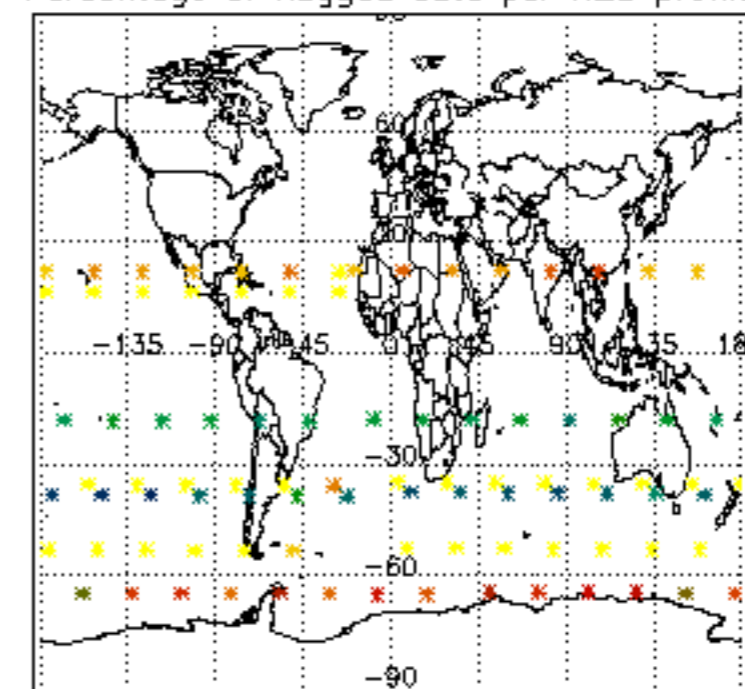
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-SEP-2008 00:08:13
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-SEP-2008 00:08:13
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-SEP-2008 00:08:13



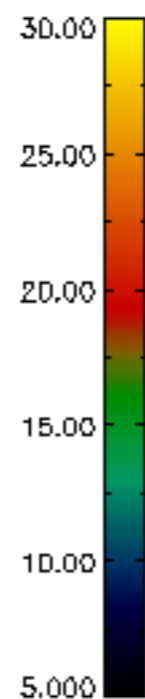
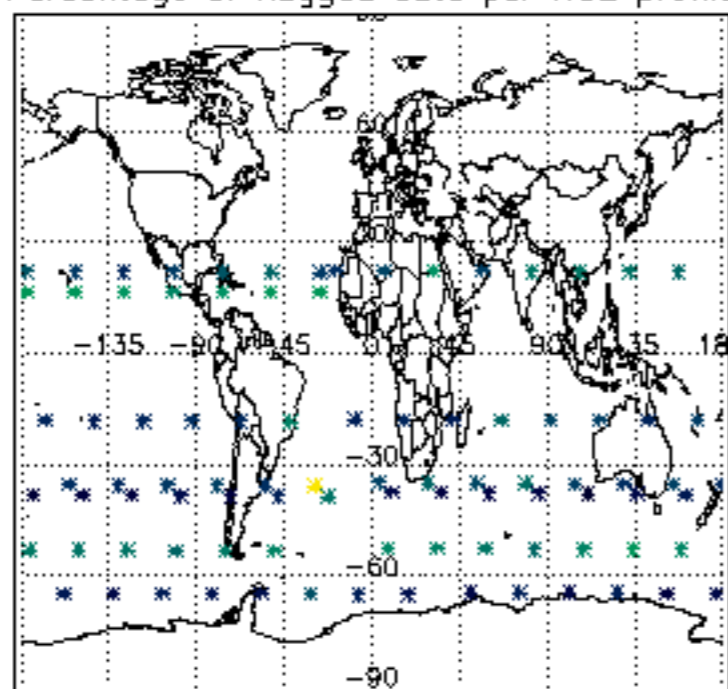
Percentage of flagged data per D3 profile



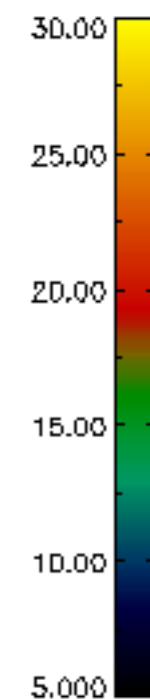
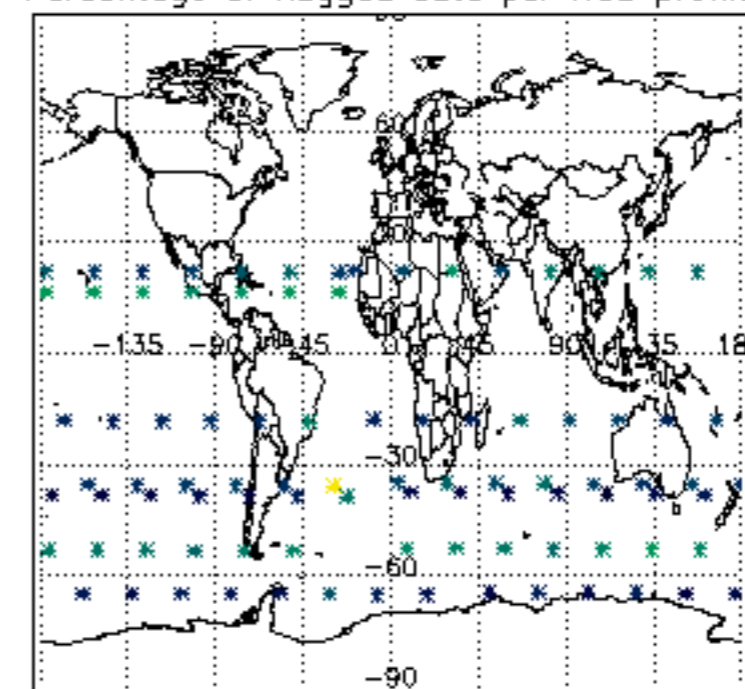
Percentage of flagged data per H2O profile

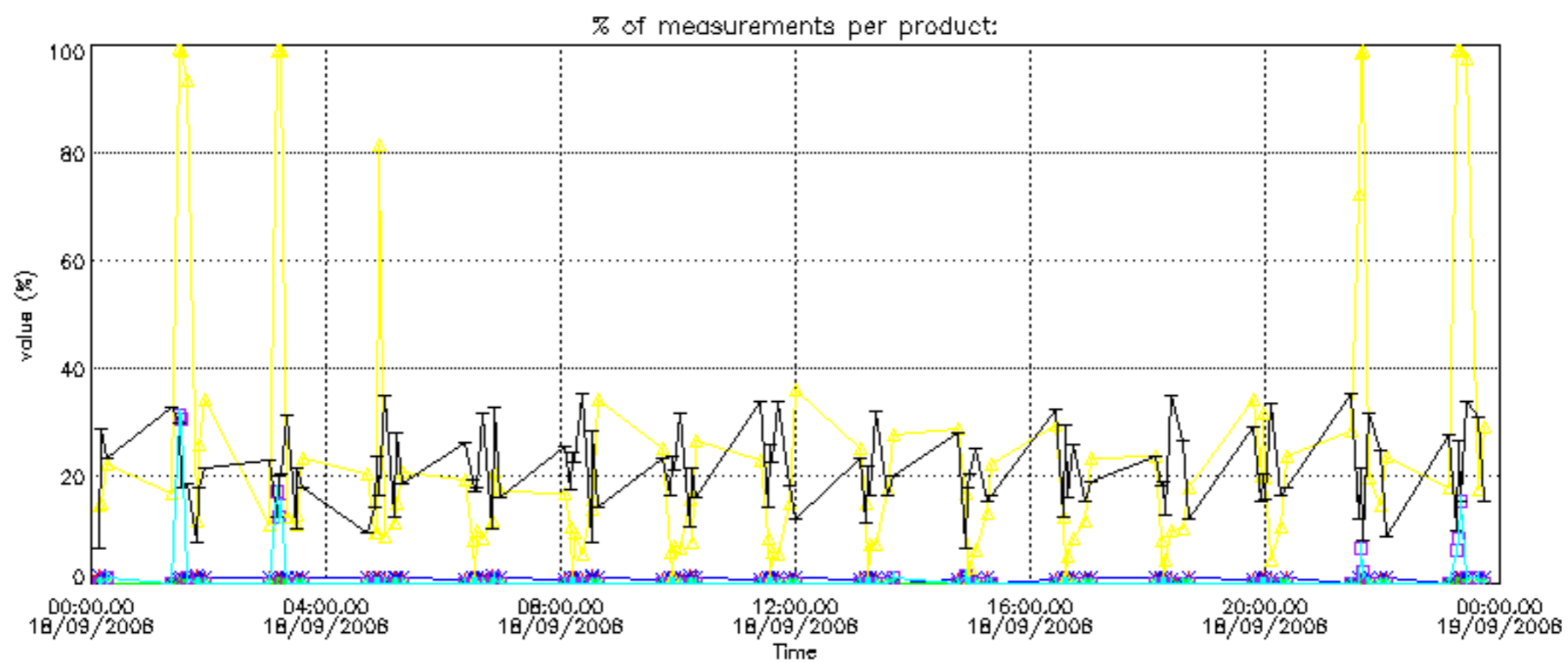
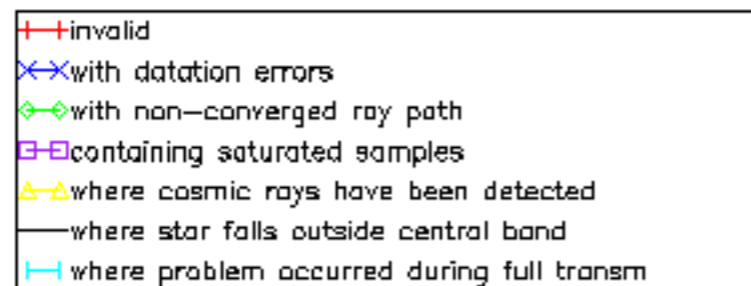


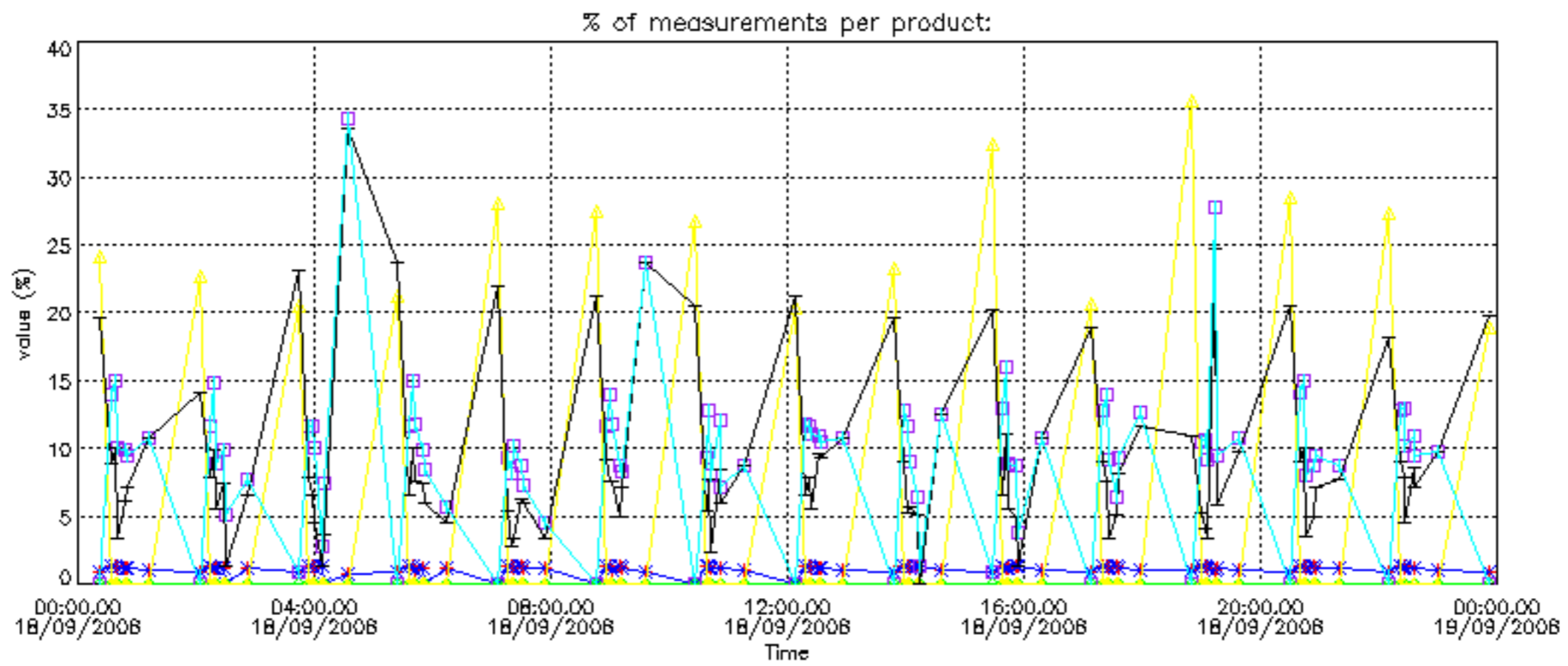
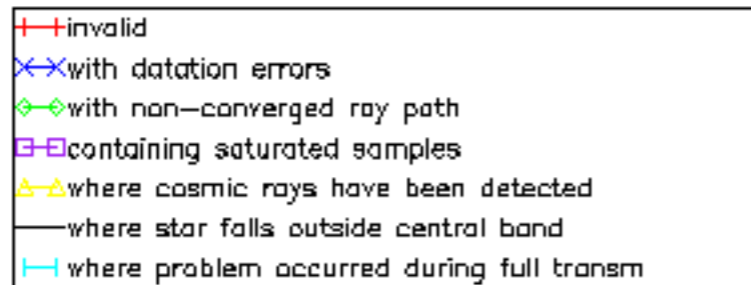
Percentage of flagged data per NO2 profile



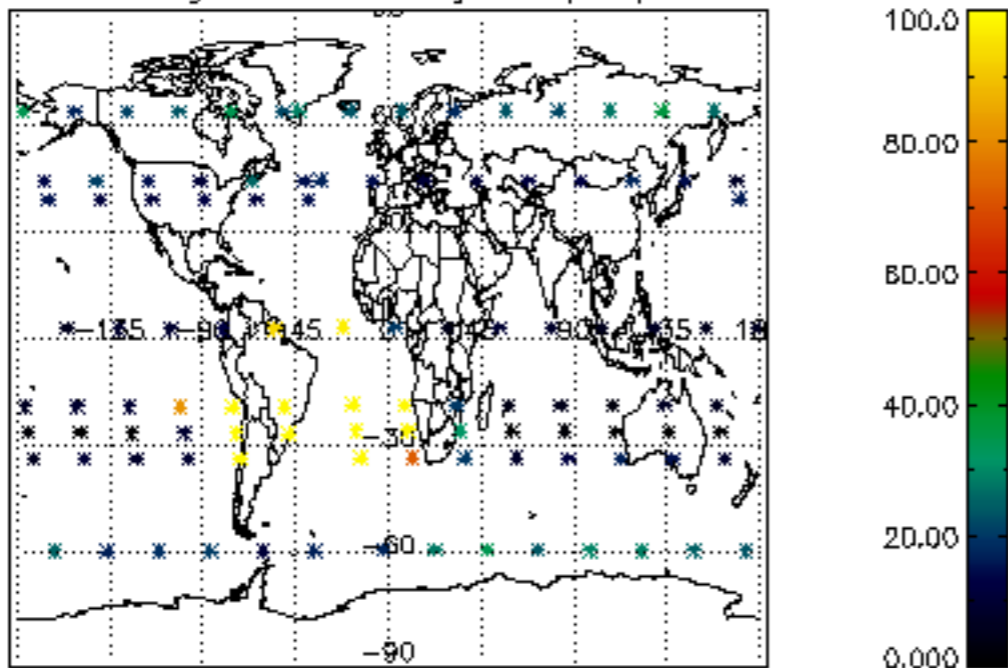
Percentage of flagged data per NO3 profile



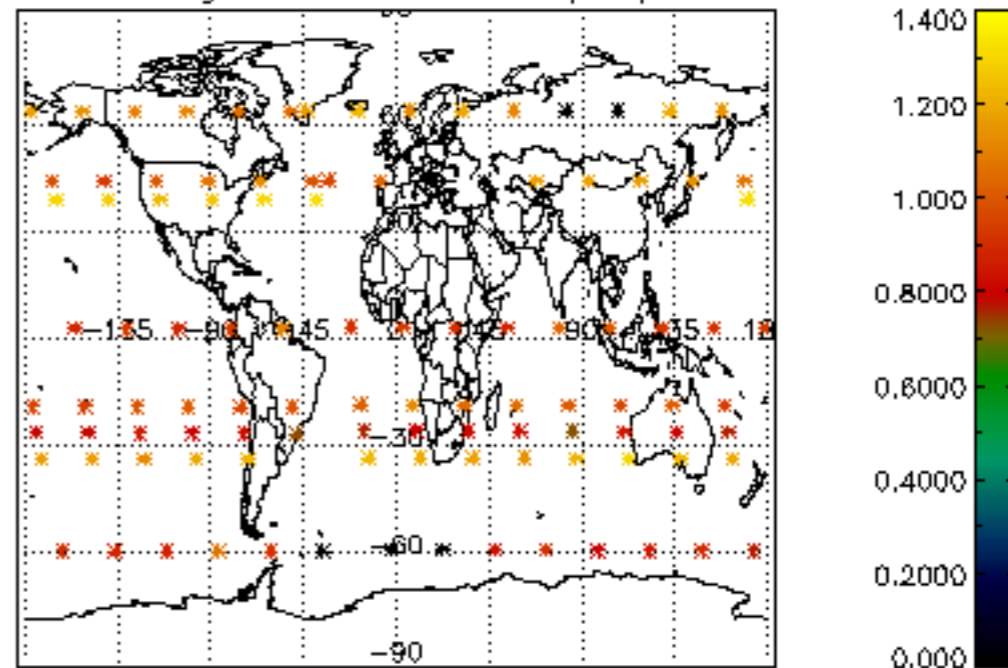




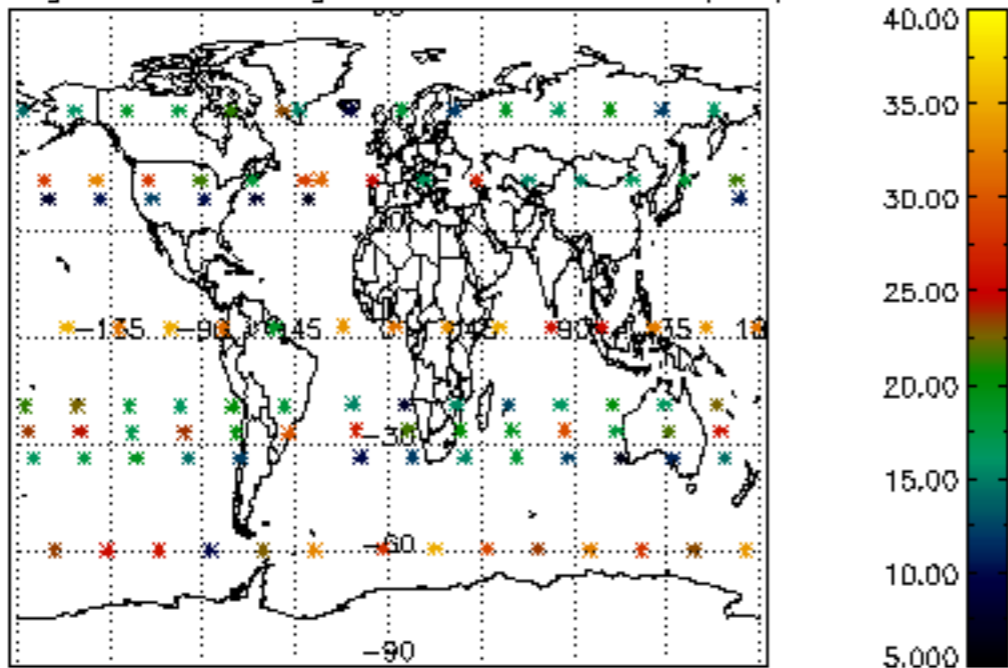
Percentage of cosmic ray hits per profile



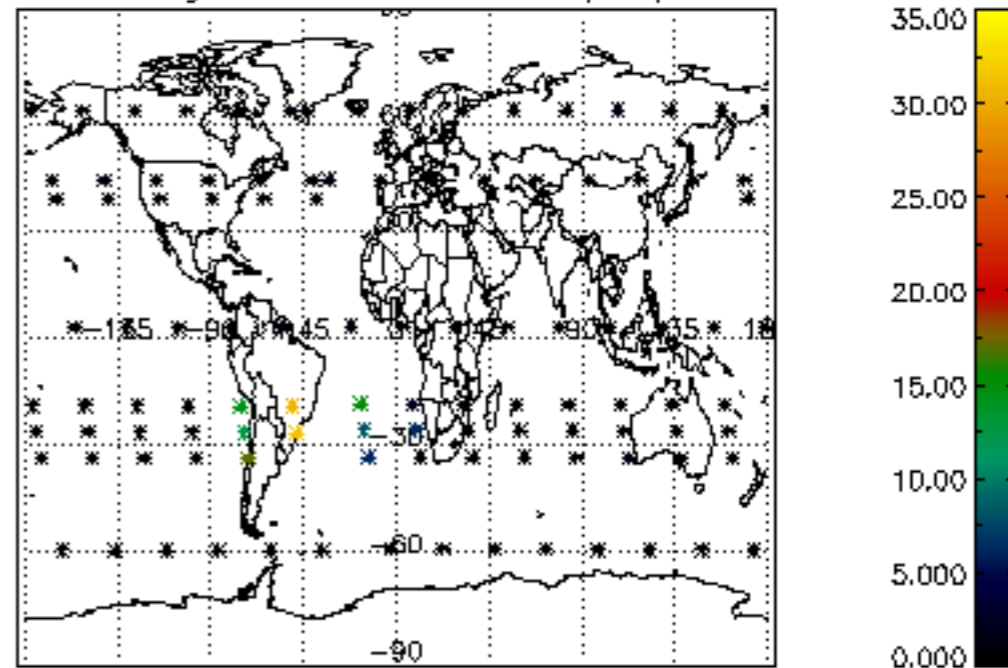
Percentage of datation errors per profile



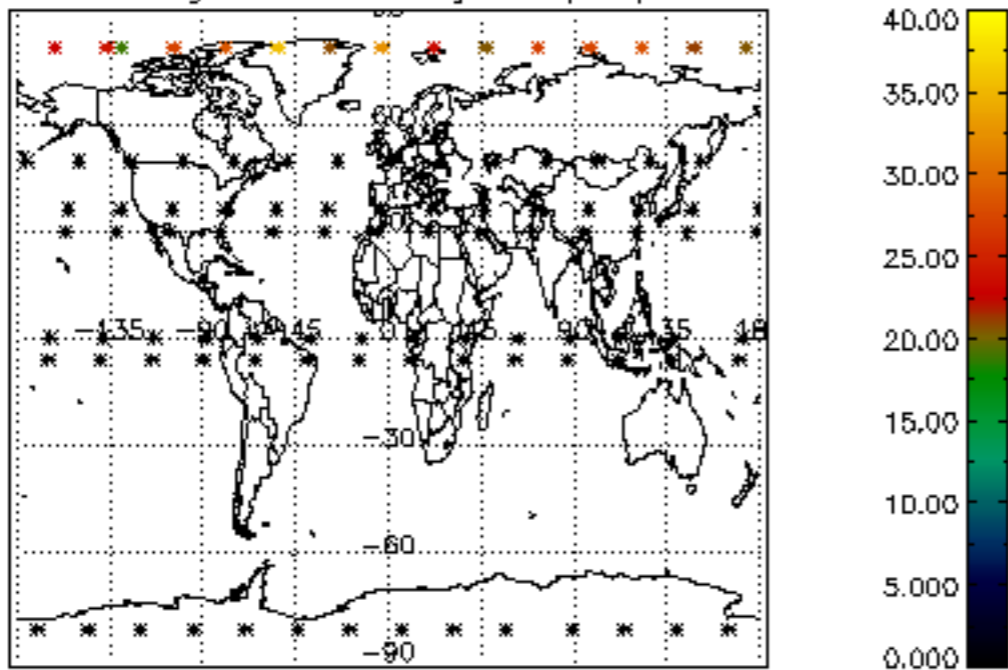
Percentage of star falling outside central band per profile



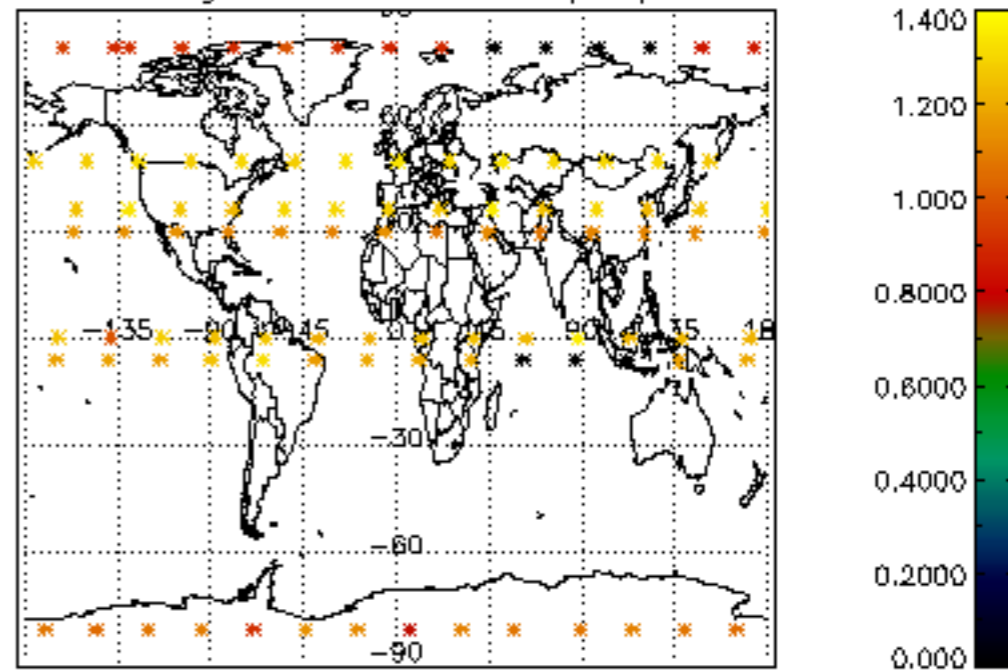
Percentage of saturation errors per profile



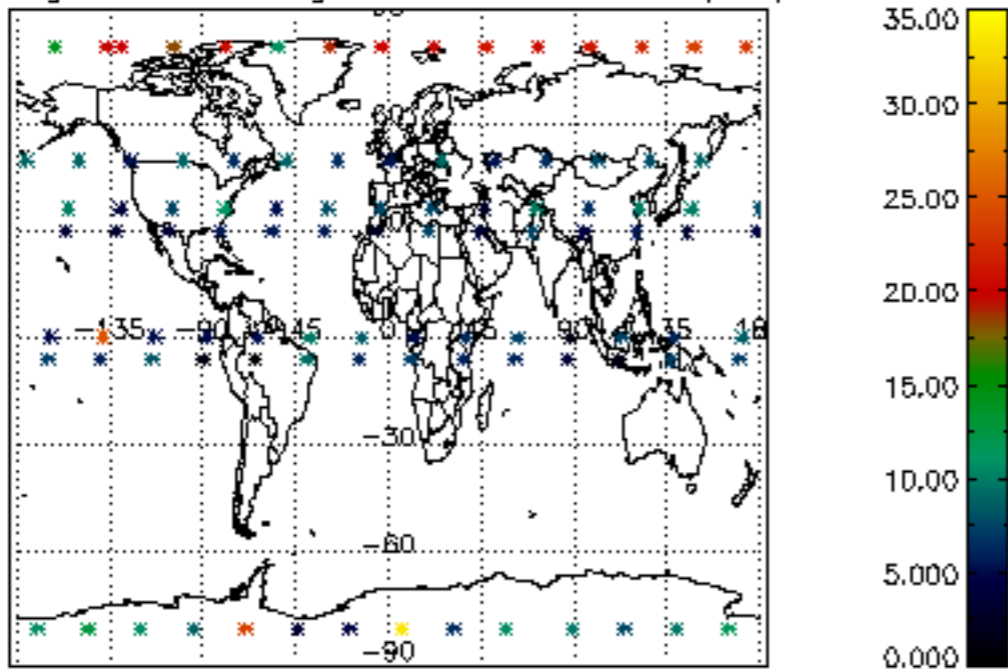
Percentage of cosmic ray hits per profile



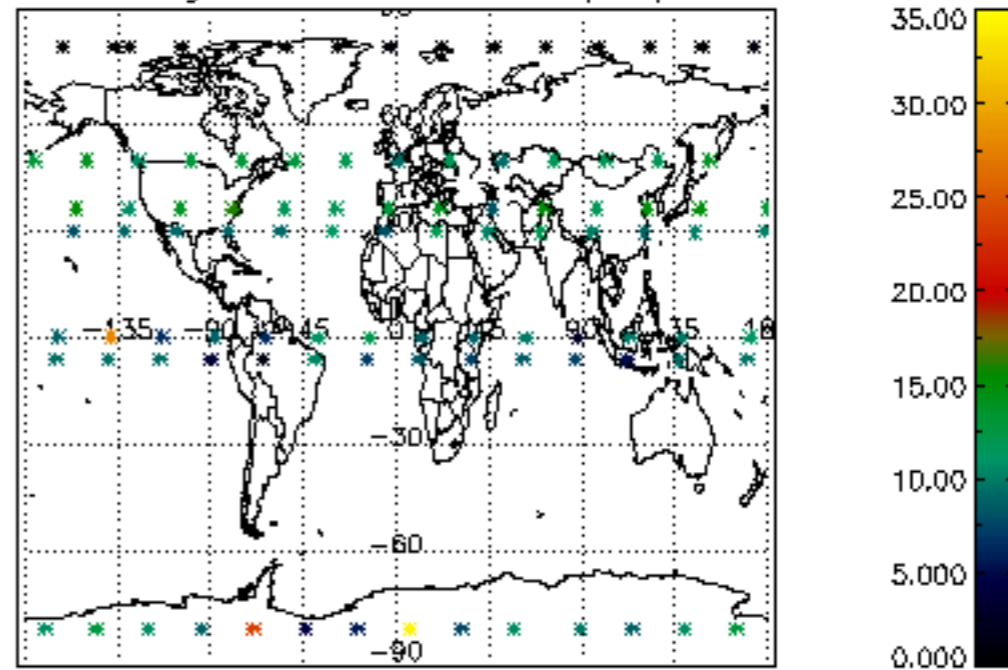
Percentage of datation errors per profile

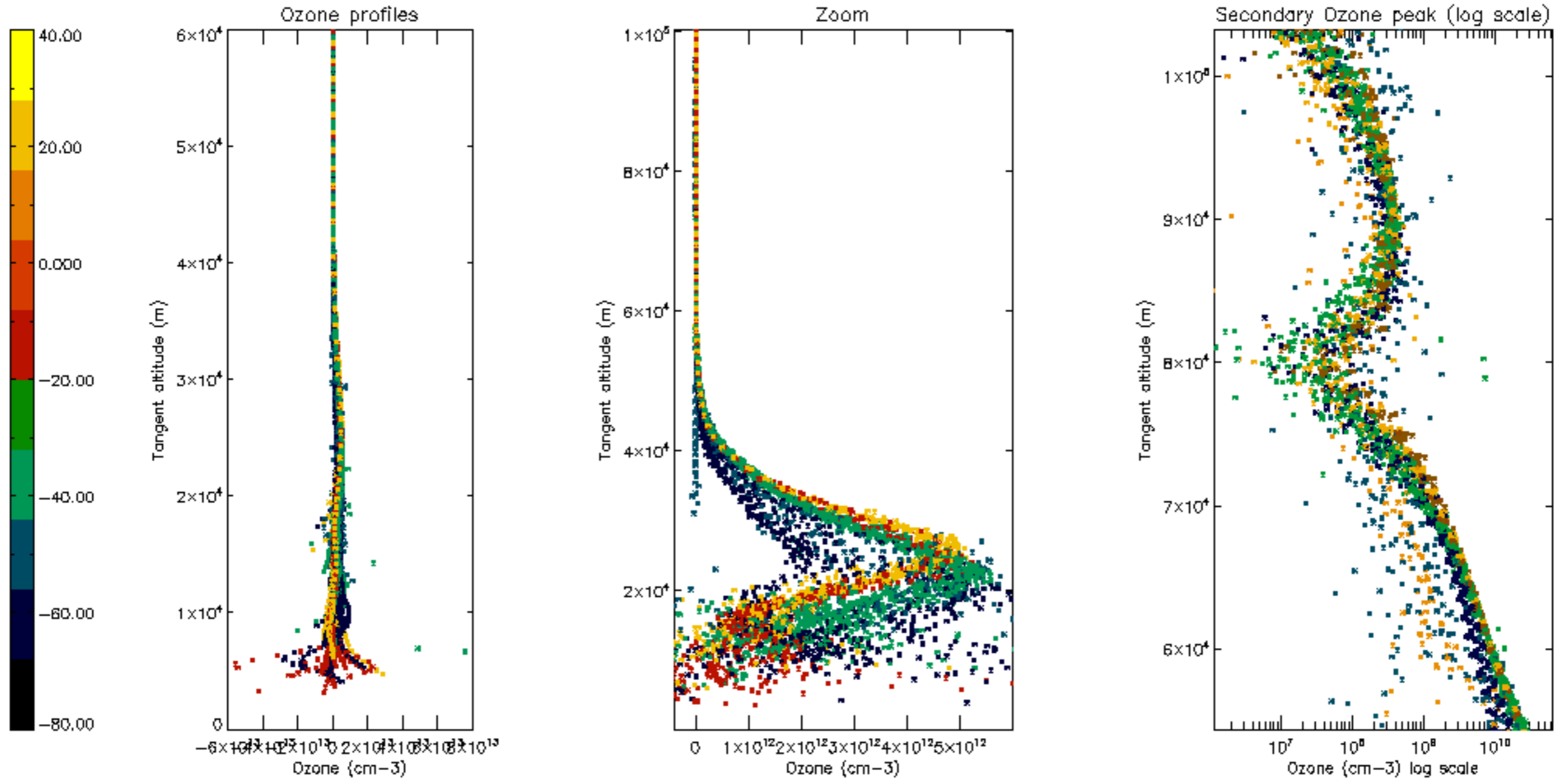


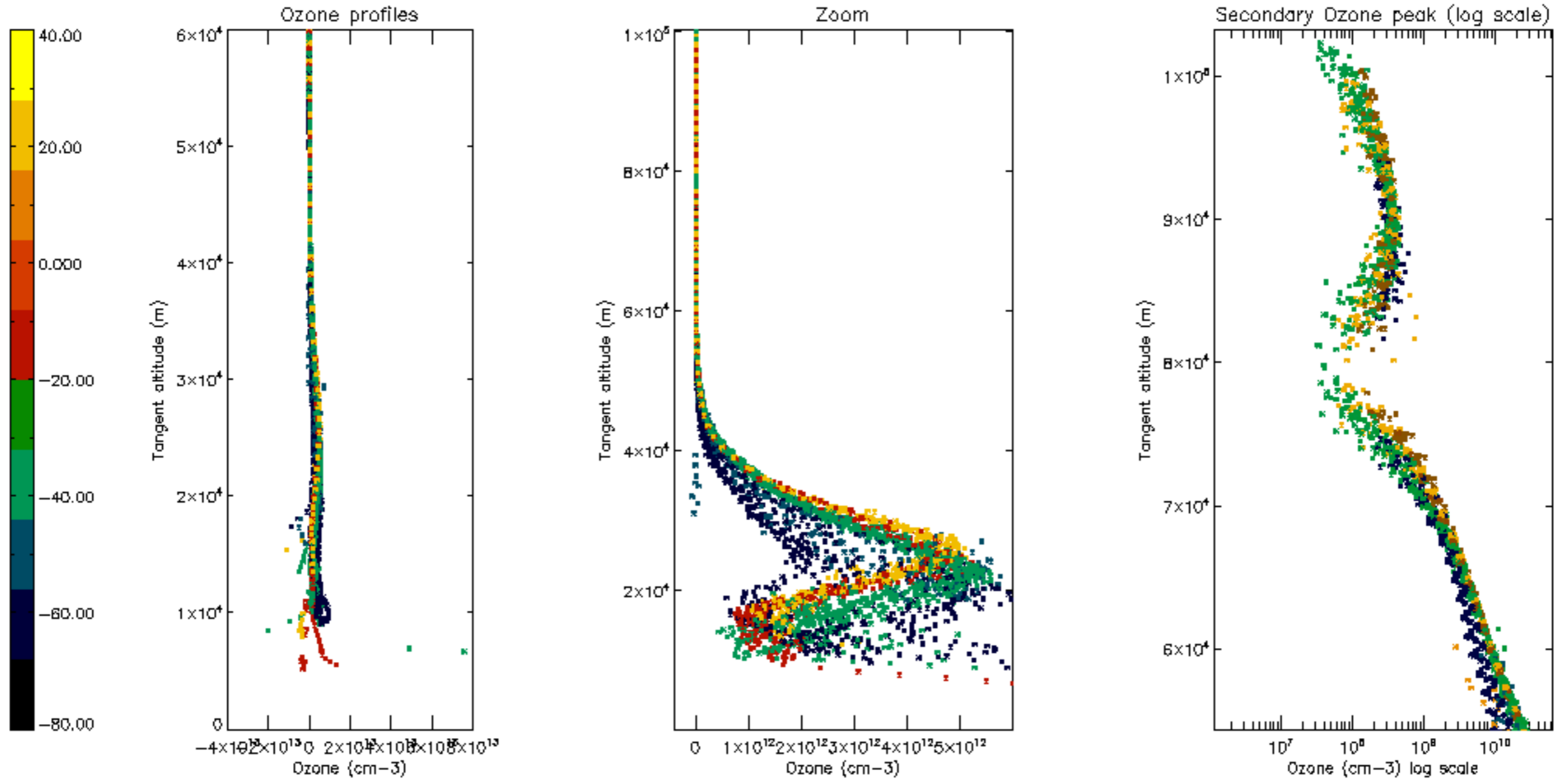
Percentage of star falling outside central band per profile

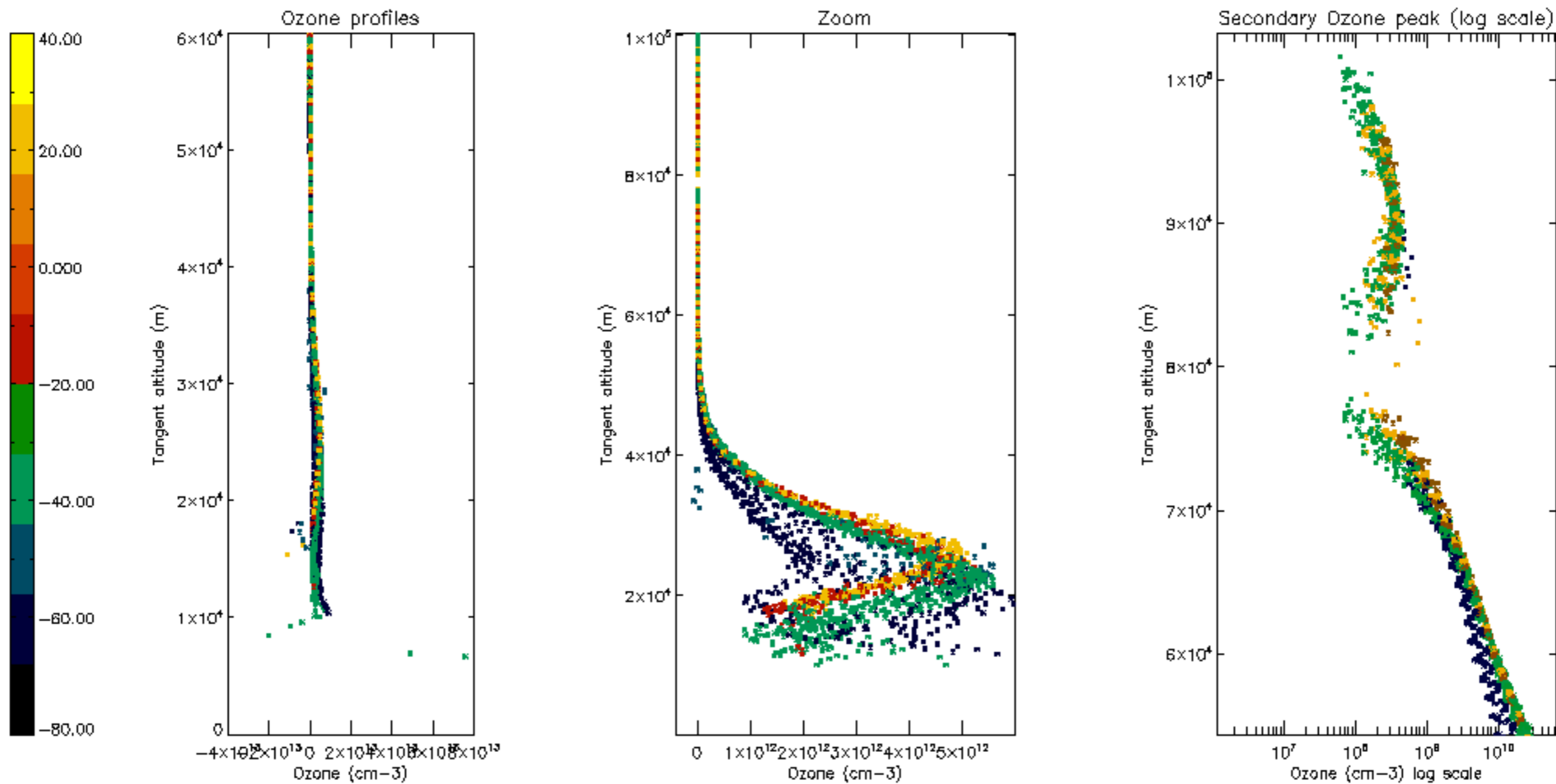


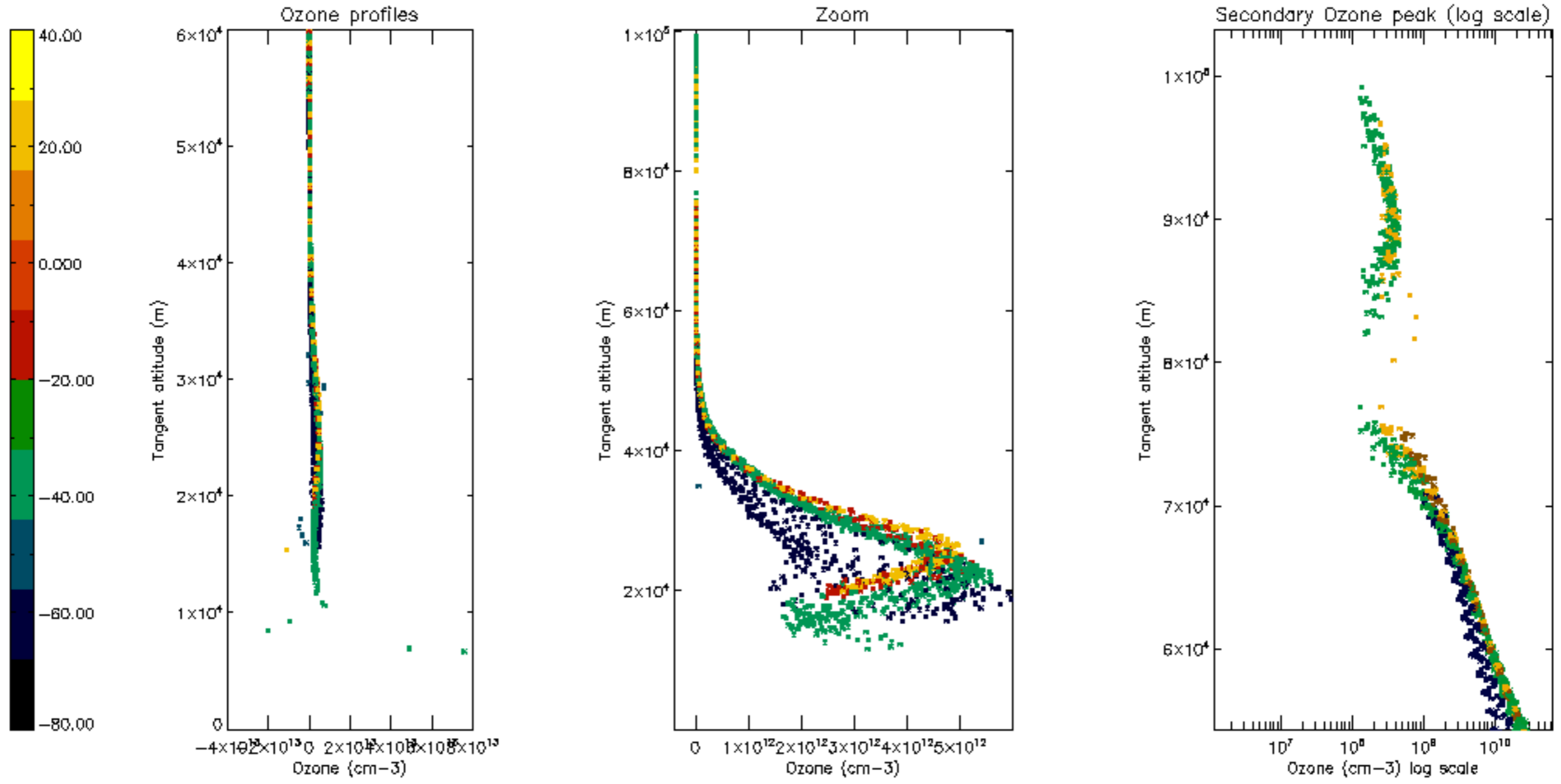
Percentage of saturation errors per profile

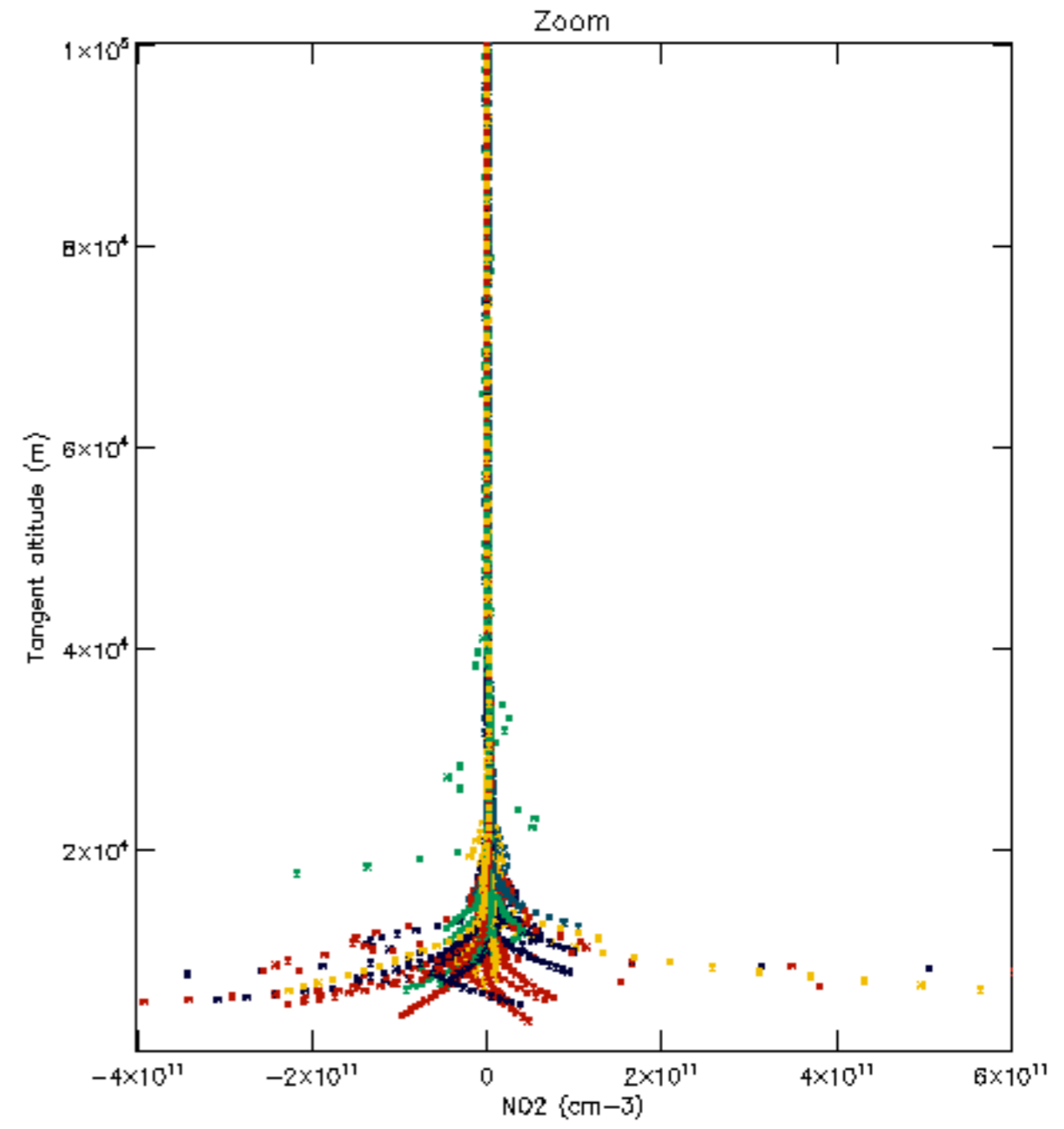
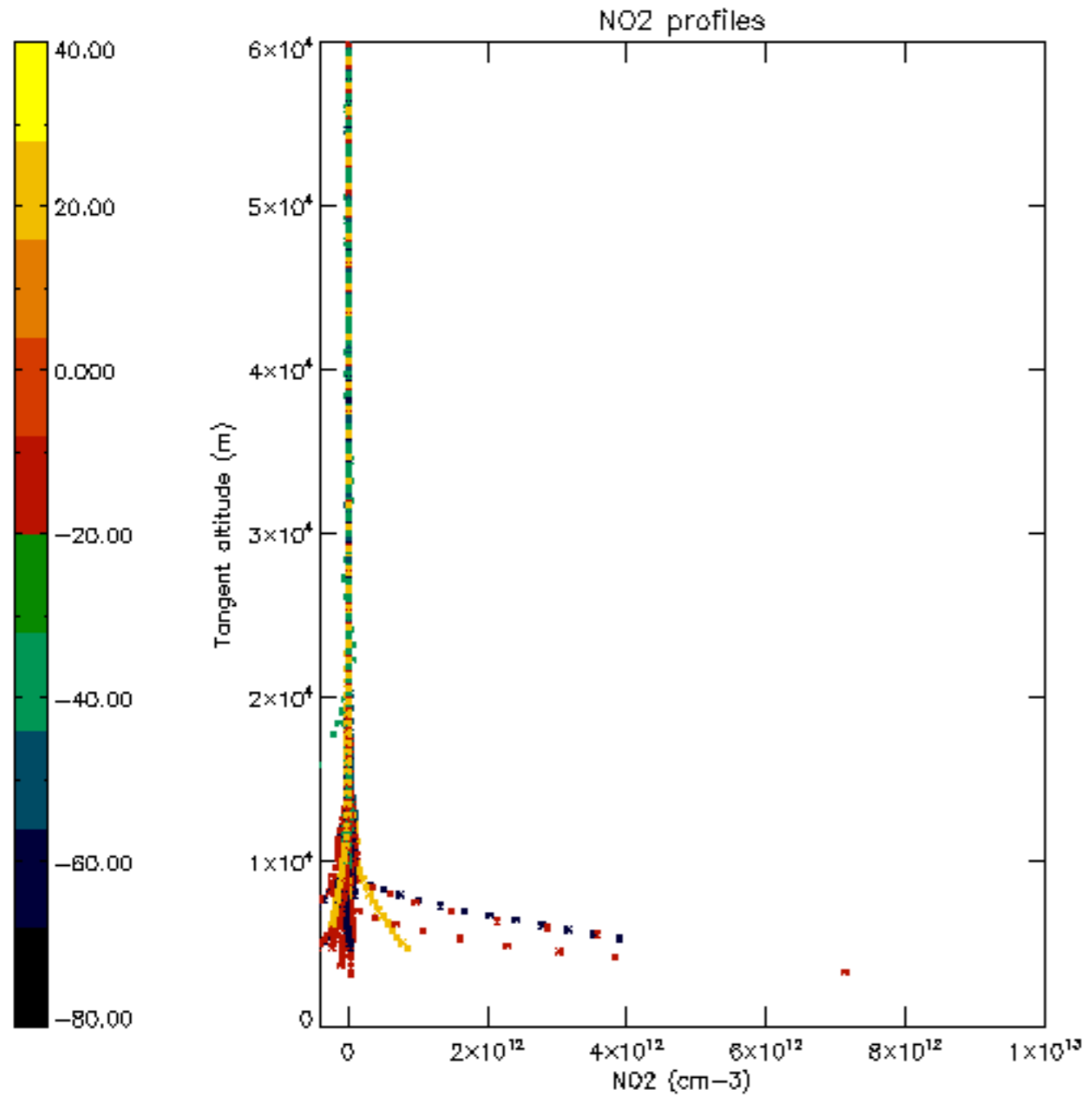


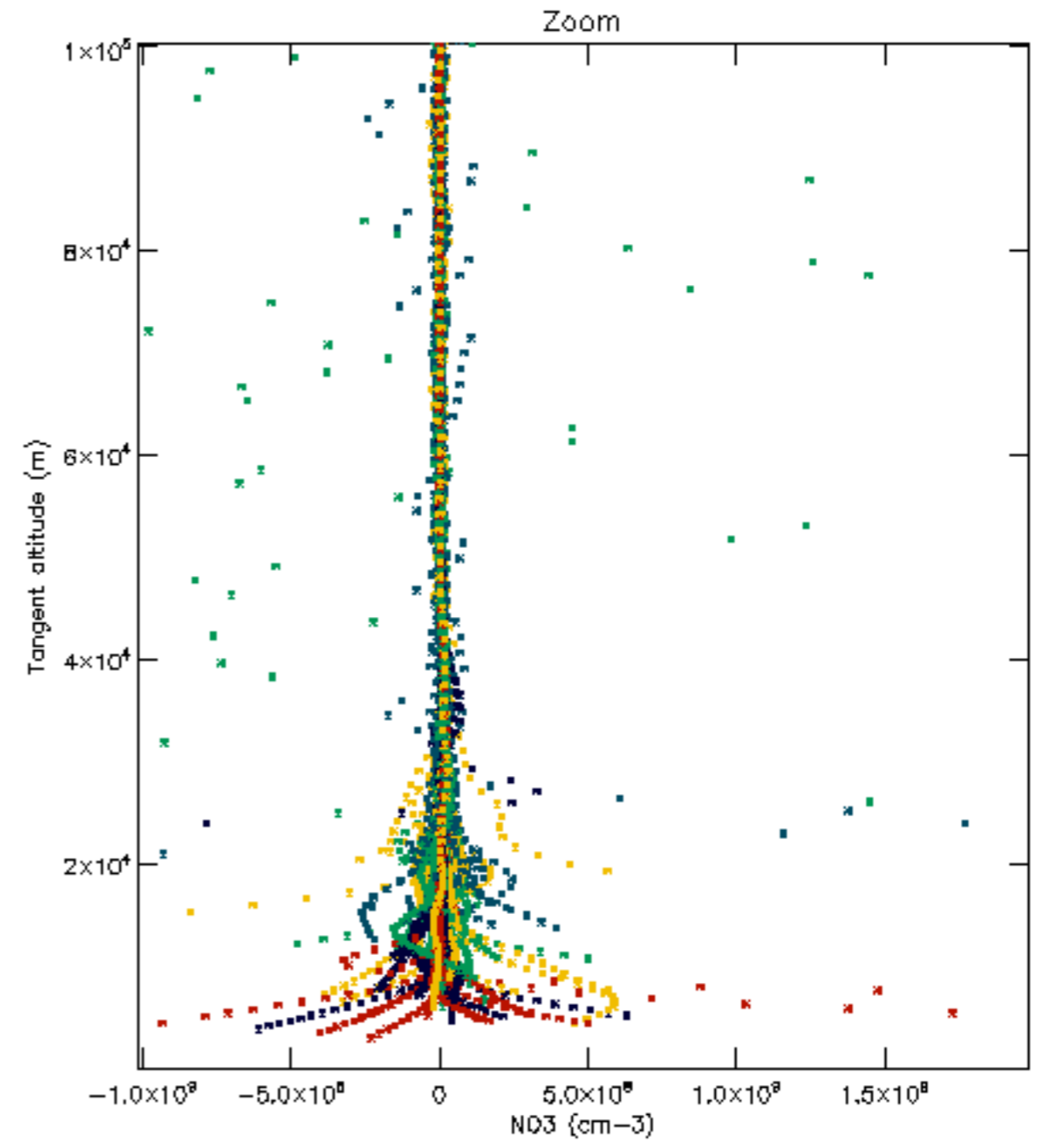
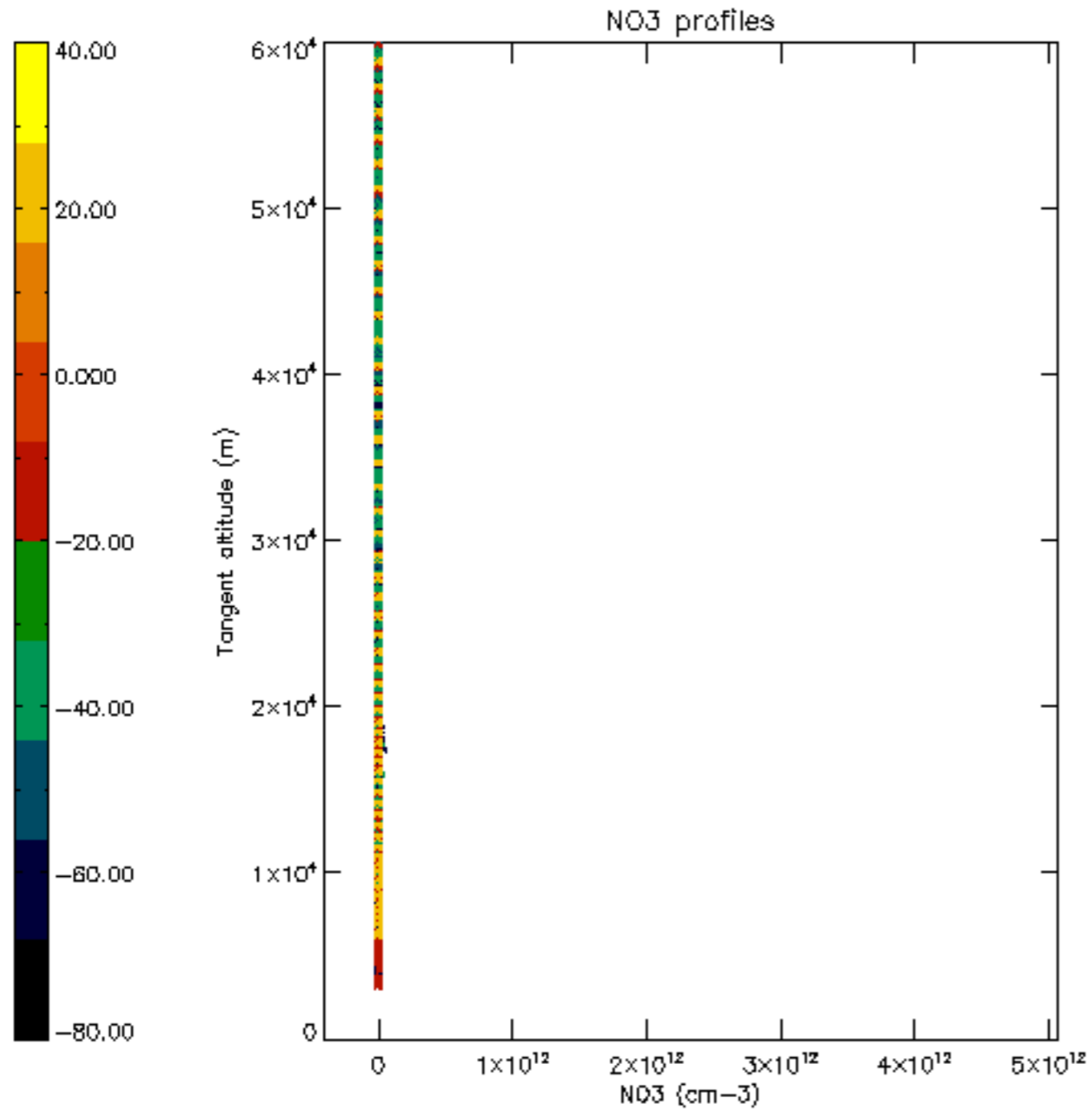


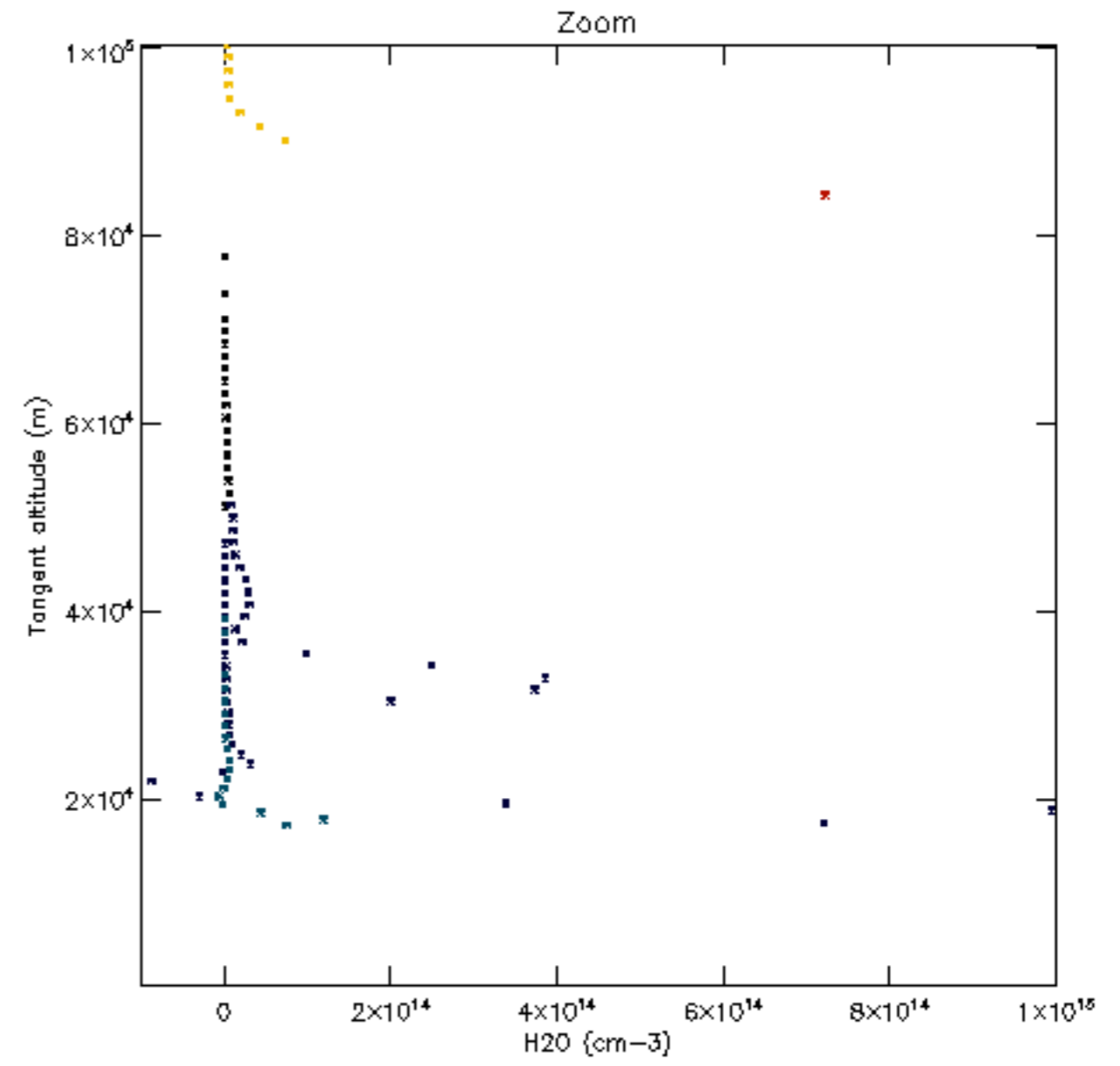
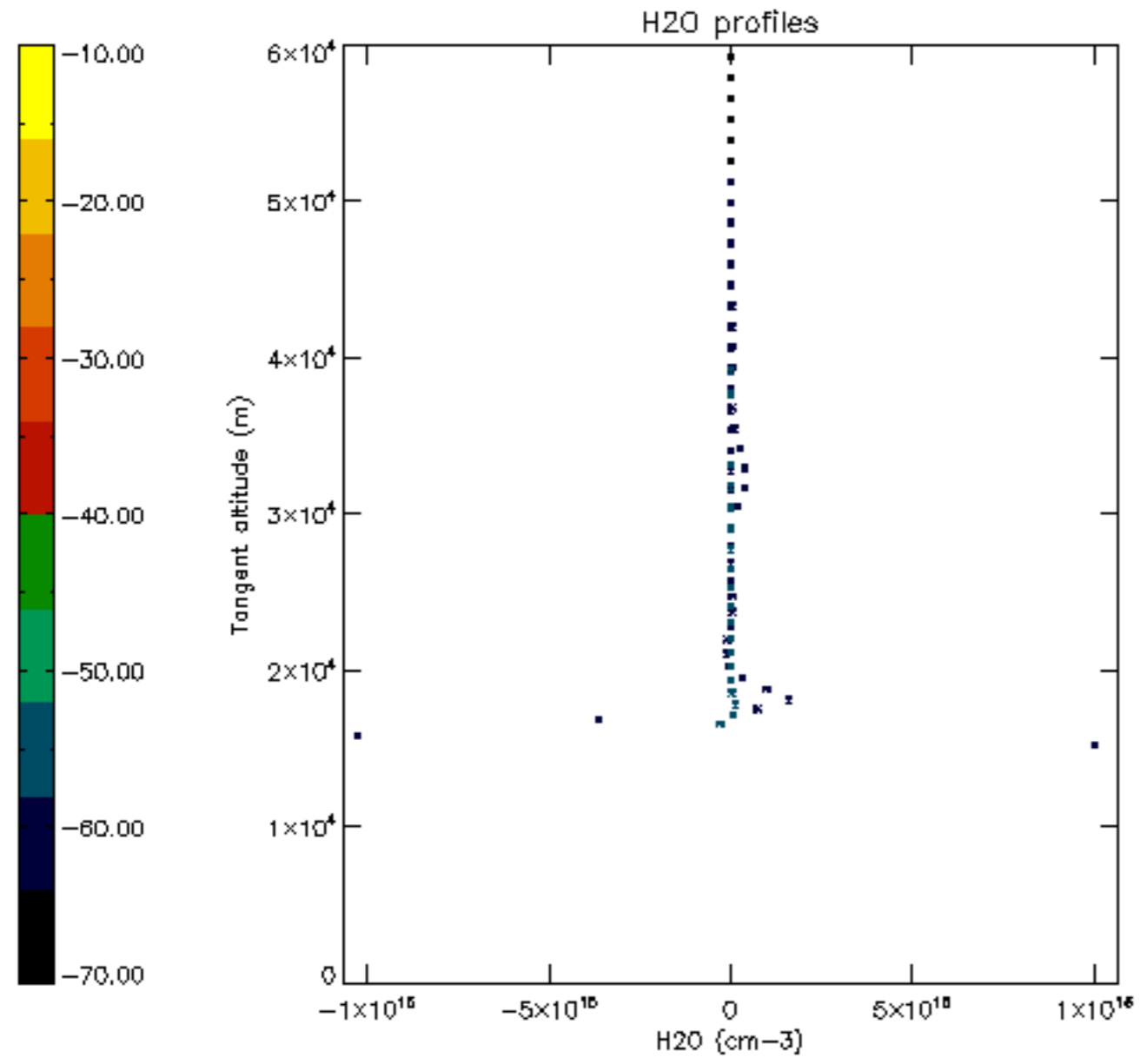


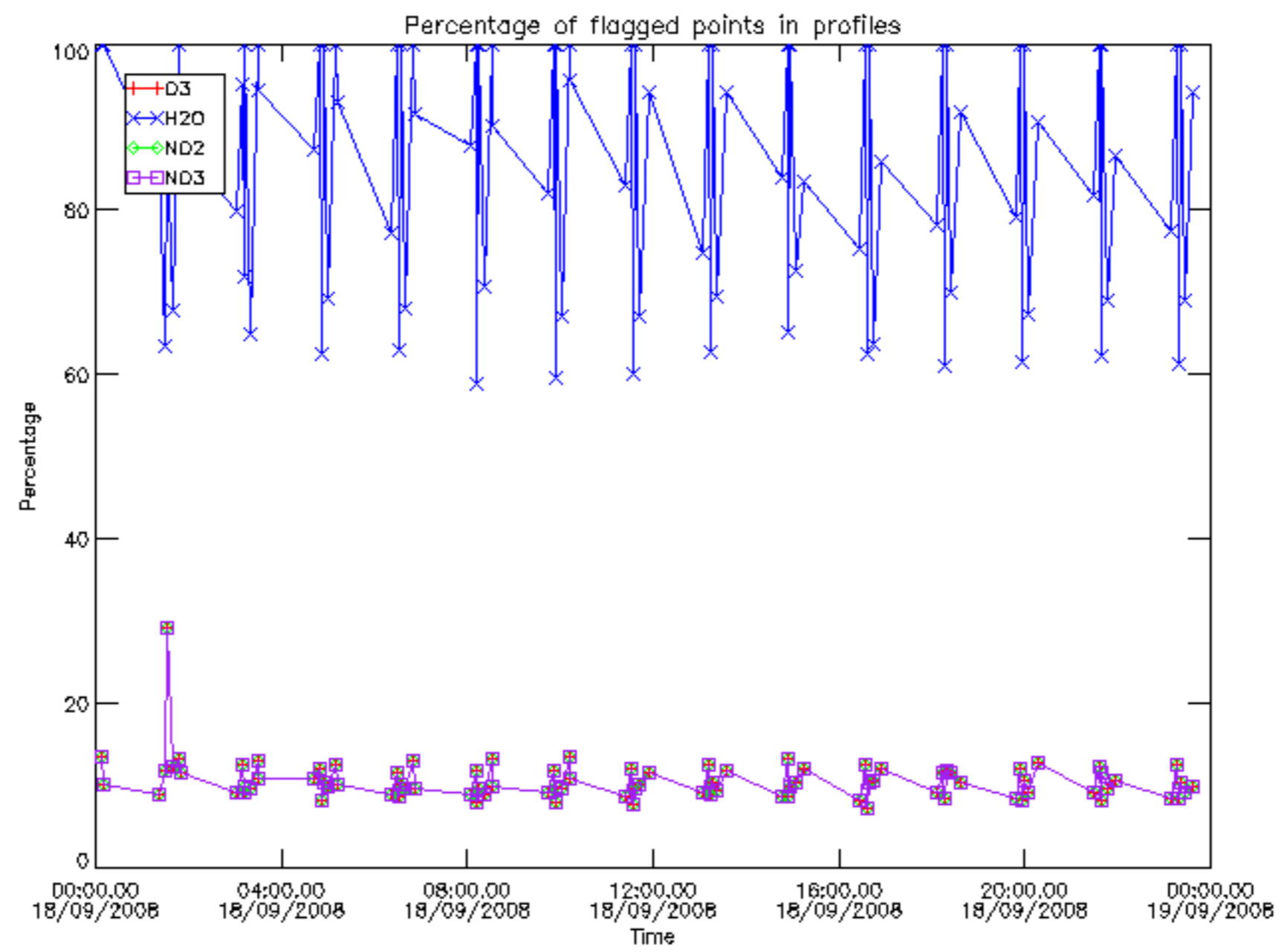




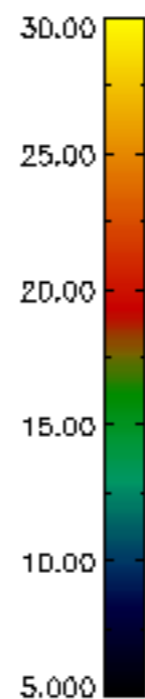
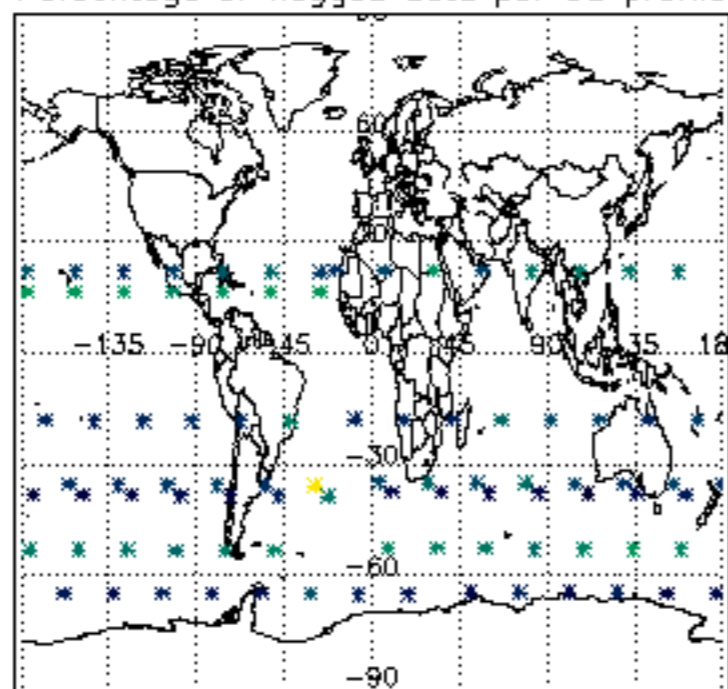




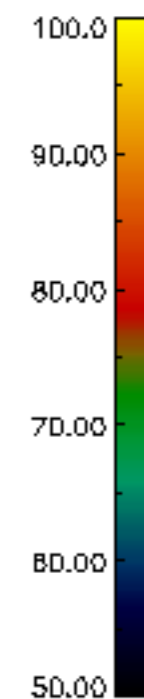
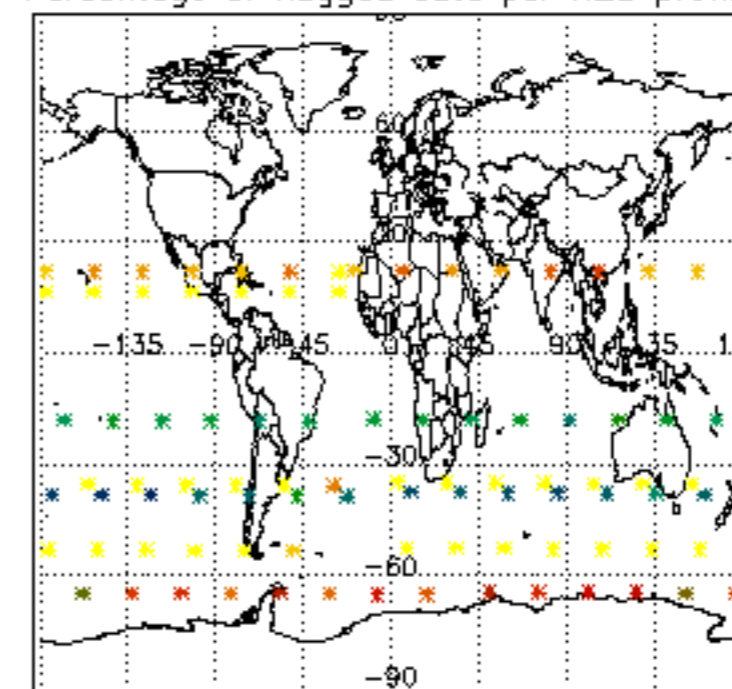




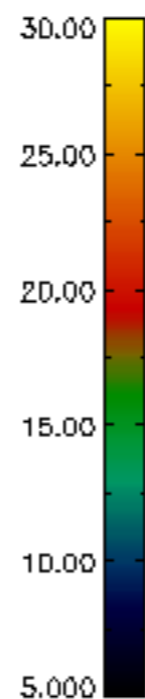
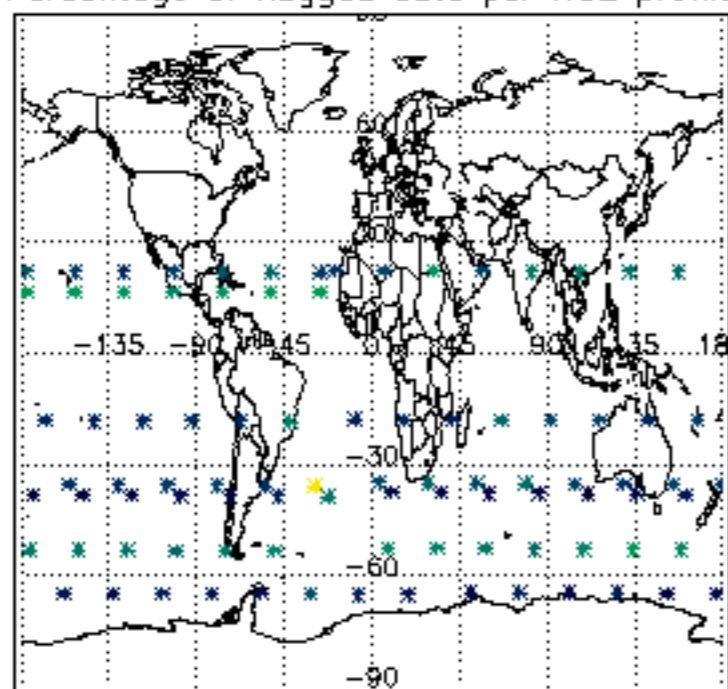
Percentage of flagged data per D3 profile



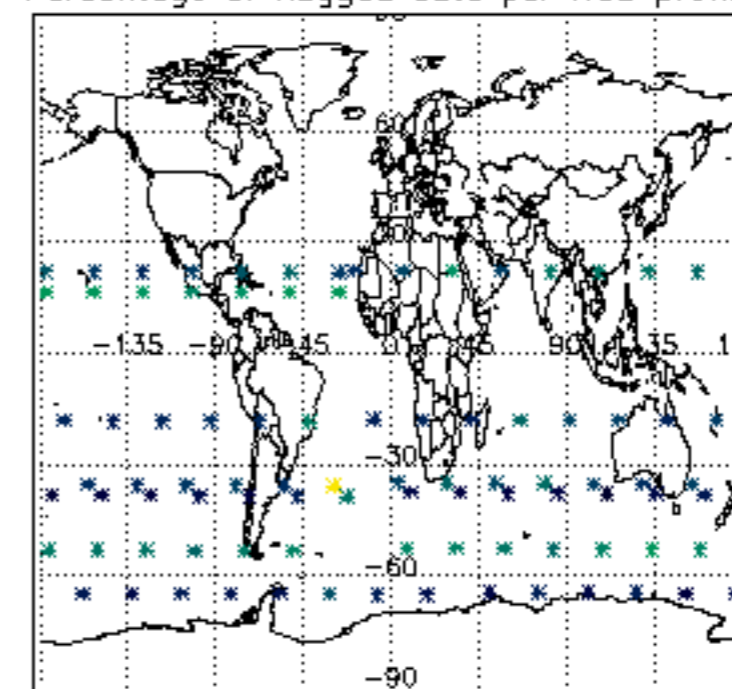
Percentage of flagged data per H2O profile

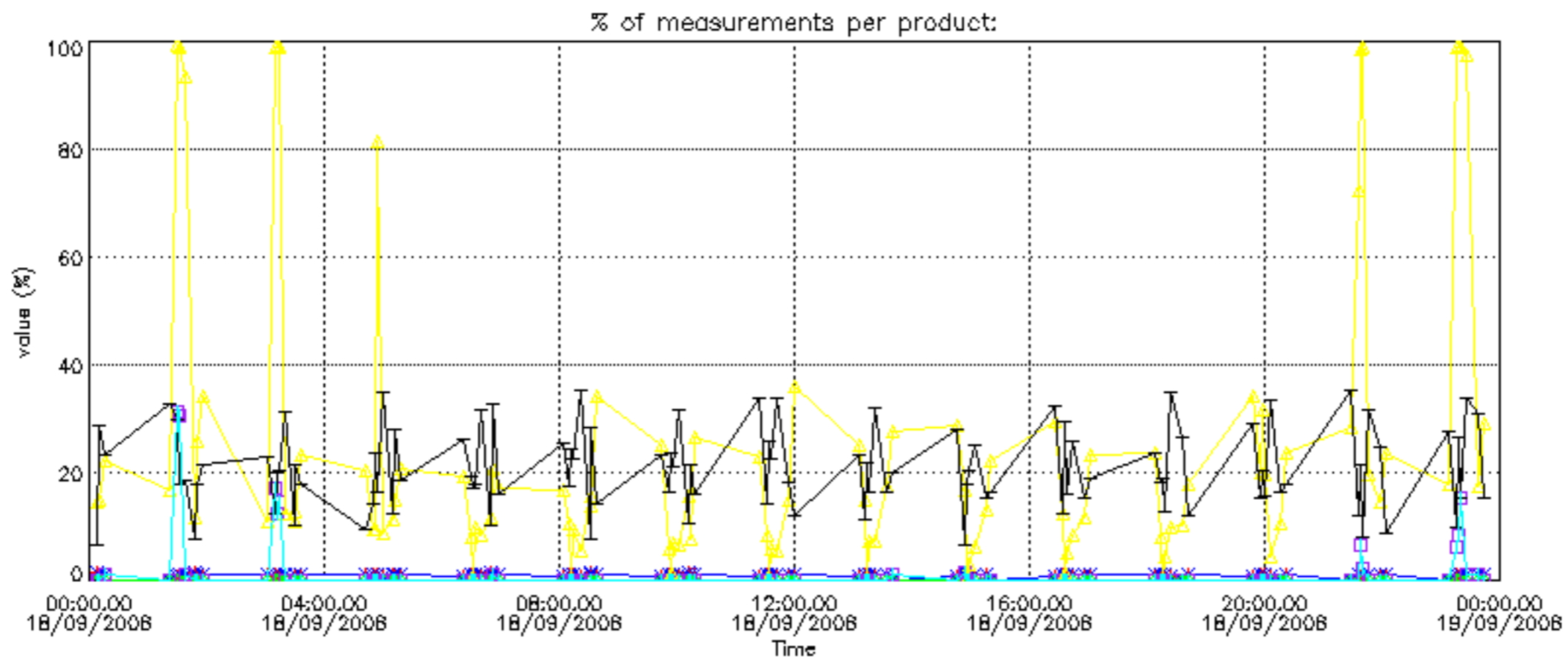
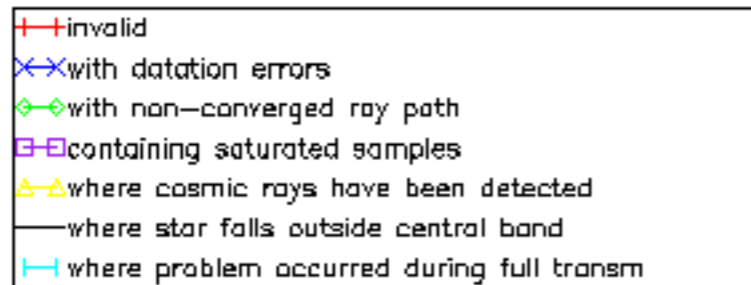


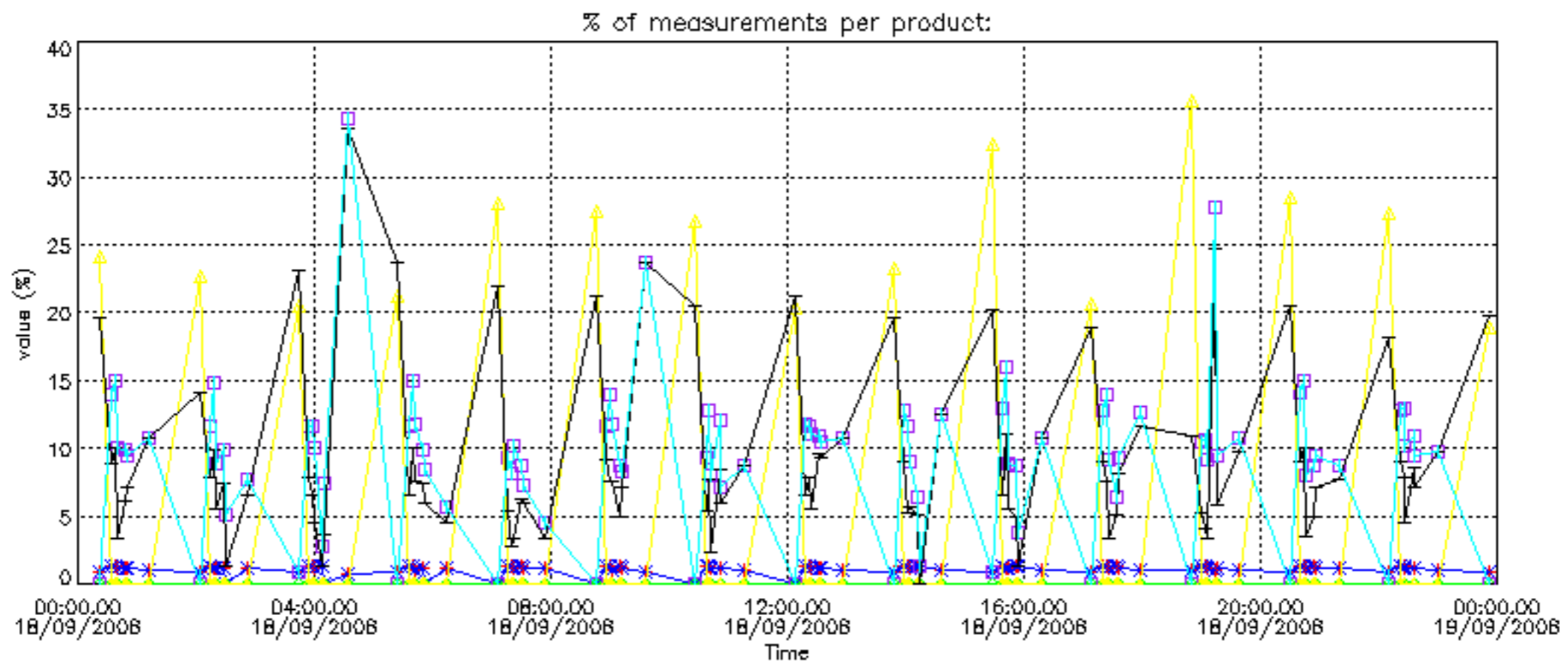
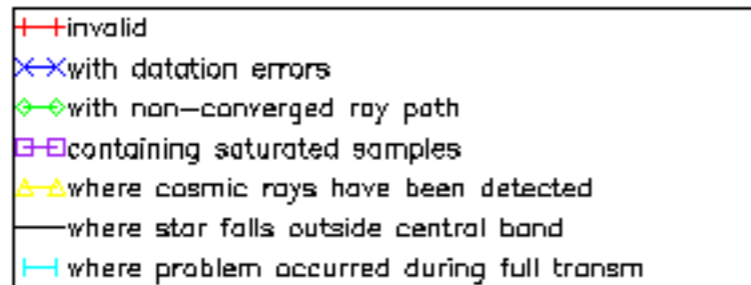
Percentage of flagged data per NO2 profile



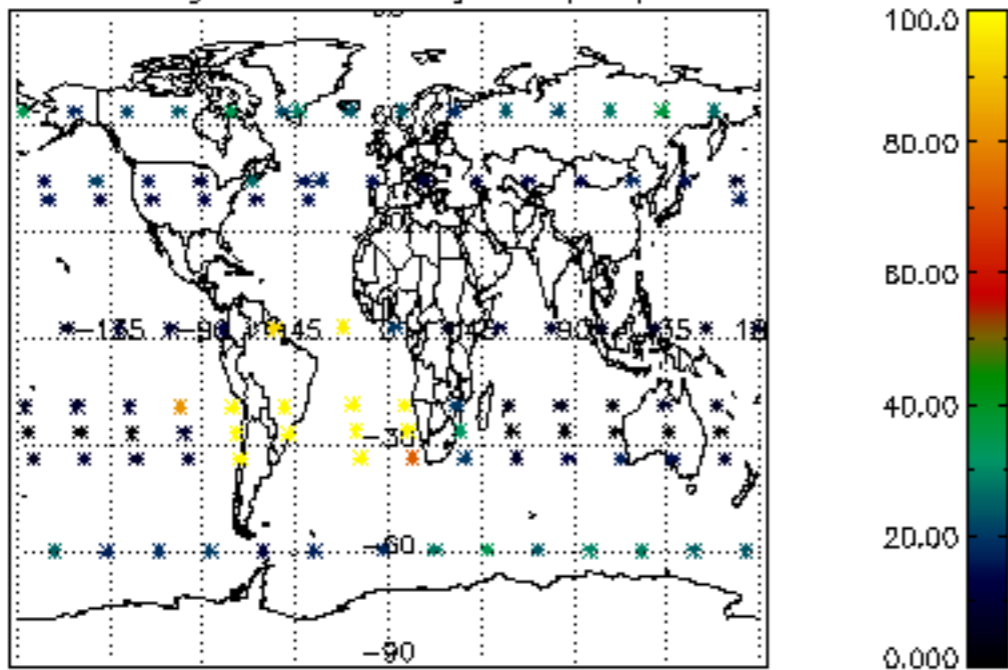
Percentage of flagged data per NO3 profile



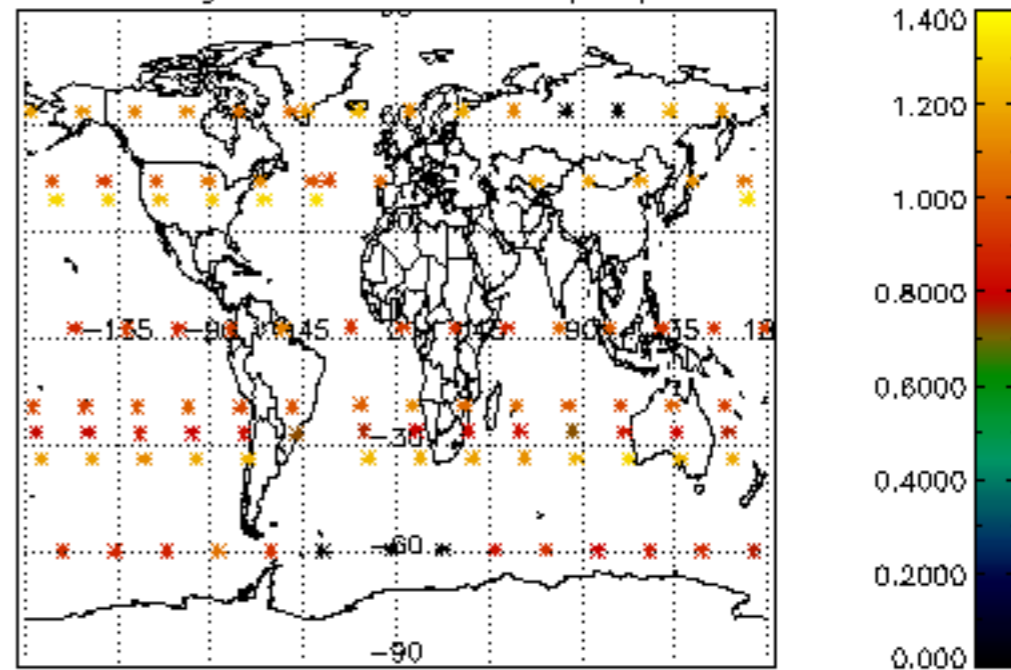




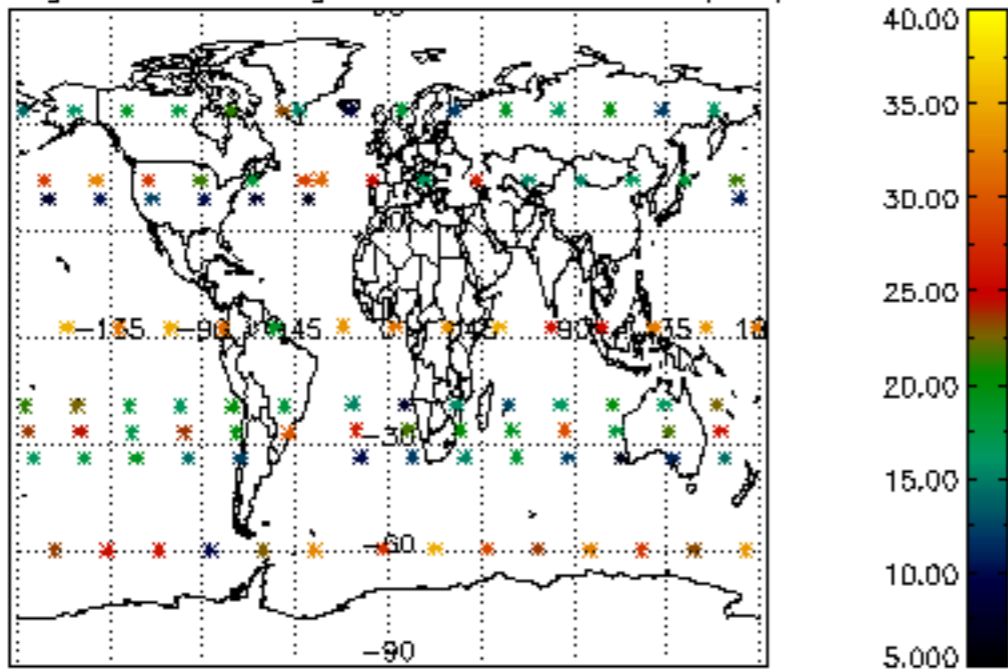
Percentage of cosmic ray hits per profile



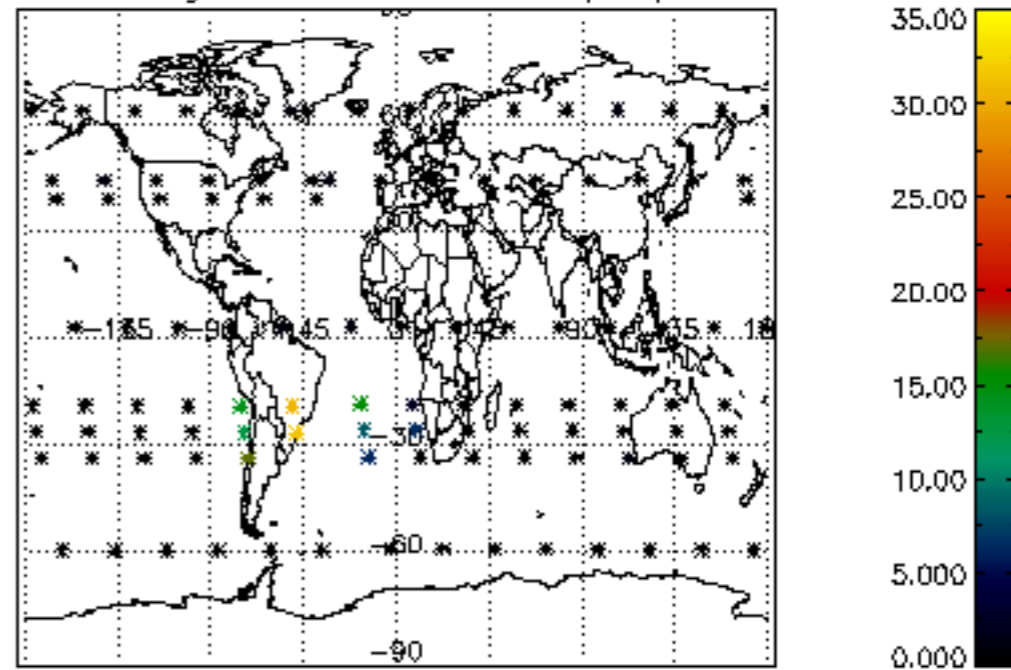
Percentage of datation errors per profile



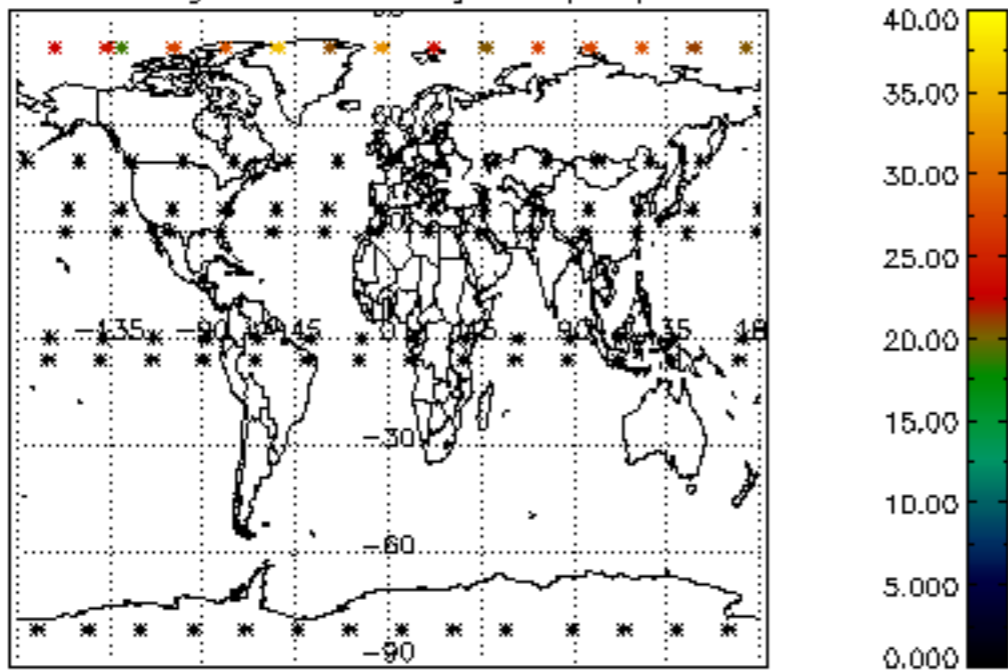
Percentage of star falling outside central band per profile



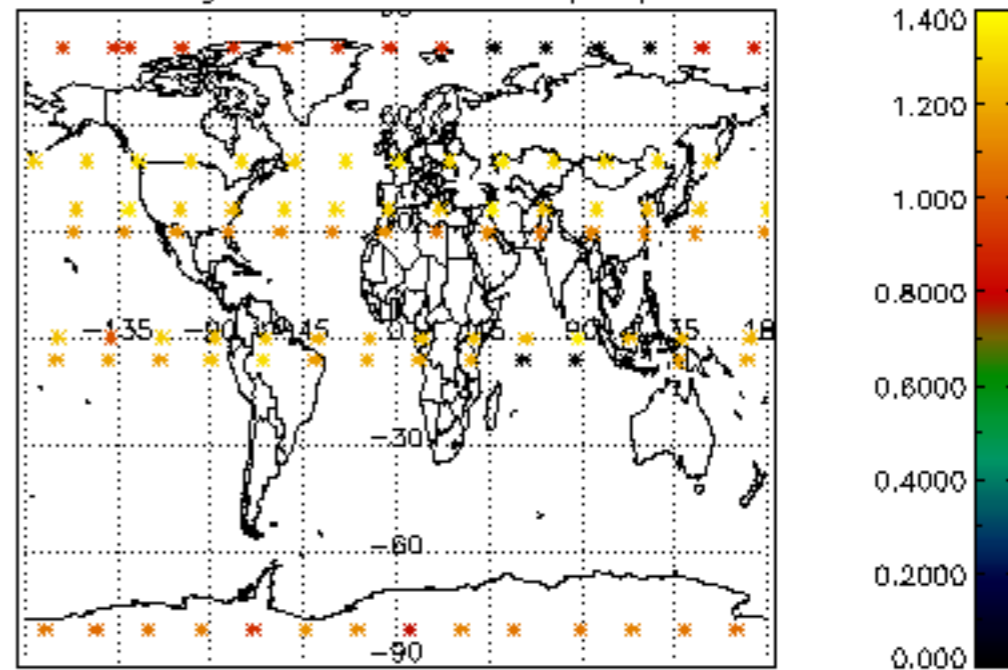
Percentage of saturation errors per profile



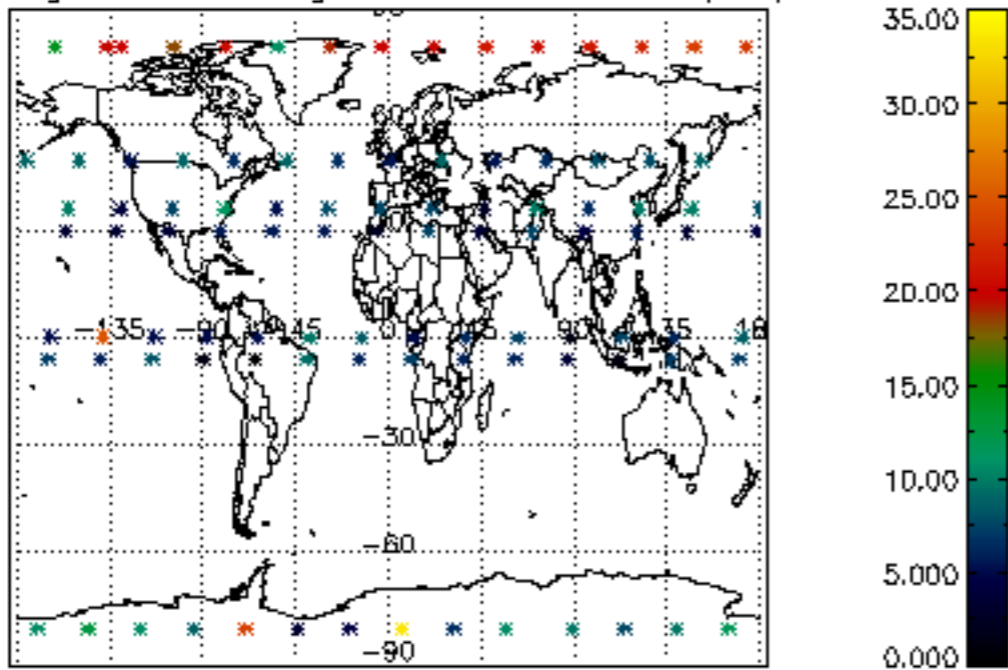
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

