

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	29APR2013 09:34:14
Data source version	GOMOS/6.01
Start time of products	11-04-2010 (11APR2010 00:00:00)
Stop time of products	12-04-2010 (12APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	227
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__2PRFIN20100411_000213_000000482088_00274_42412_3714.N1	11-APR-2010 00:02:13	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42412	No
2	GOM_NL__2PRFIN20100411_000735_000000452088_00274_42412_3715.N1	11-APR-2010 00:07:35	Twilight	45.000	106	9Bet Crv	2.6480	5600.0	90	42412	No
3	GOM_NL__2PRFIN20100411_000937_000000412088_00274_42412_3716.N1	11-APR-2010 00:09:37	Bright	41.000	163	7Del Crv	2.9450	11000.	82	42412	No
4	GOM_NL__2PRFIN20100411_001058_000000492088_00274_42412_3717.N1	11-APR-2010 00:10:58	Bright	48.500	15	67Alp Vir	0.97600	28000.	97	42412	No
5	GOM_NL__2PRFIN20100411_001403_000000402088_00274_42412_3718.N1	11-APR-2010 00:14:03	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	42412	No
6	GOM_NL__2PRFIN20100411_001804_000000422088_00274_42412_3719.N1	11-APR-2010 00:18:04	Bright	42.000	138	47Eps Vir	2.8280	4700.0	84	42412	No
7	GOM_NL__2PRFIN20100411_002620_000000402088_00274_42412_3720.N1	11-APR-2010 00:26:20	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	42412	No
8	GOM_NL__2PRFIN20100411_002953_000000362088_00274_42412_3721.N1	11-APR-2010 00:29:53	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	42412	No
9	GOM_NL__2PRFIN20100411_003116_000000412088_00274_42412_3722.N1	11-APR-2010 00:31:16	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	42412	No
10	GOM_NL__2PRFIN20100411_003742_000000392088_00274_42412_3723.N1	11-APR-2010 00:37:42	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42412	No
11	GOM_NL__2PRFIN20100411_003938_000000272088_00274_42412_3724.N1	11-APR-2010 00:39:38	Twilight	27.000	119	14Eta Dra	2.7270	4700.0	54	42412	No
12	GOM_NL__2PRFIN20100411_004738_000000402088_00274_42412_3725.N1	11-APR-2010 00:47:38	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42412	No
13	GOM_NL__2PRFIN20100411_005253_000000472088_00274_42412_3726.N1	11-APR-2010 00:52:53	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	42412	No
14	GOM_NL__2PRFIN20100411_005437_000000512088_00274_42412_3727.N1	11-APR-2010 00:54:37	Bright	51.000	66	37Gam Cyg	2.2080	5900.0	102	42412	No
15	GOM_NL__2PRFIN20100411_005658_000000512088_00274_42412_3728.N1	11-APR-2010 00:56:58	Bright	51.000	92	53Eps Cyg	2.5000	4500.0	102	42412	No
16	GOM_NL__2PRFIN20100411_010400_000000482088_00274_42412_3729.N1	11-APR-2010 01:04:00	Twilight	48.000	61	8Eps Peg	2.1000	3900.0	96	42412	No
17	GOM_NL__2PRFIN20100411_010629_000000452088_00274_42412_3730.N1	11-APR-2010 01:06:29	Dark	44.500	162	34Alp Aqr	2.9440	5350.0	89	42412	No
18	GOM_NL__2PRFIN20100411_010854_000000462088_00274_42412_3731.N1	11-APR-2010 01:08:54	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	42412	No
19	GOM_NL__2PRFIN20100411_011121_000000222088_00274_42412_3732.N1	11-APR-2010 01:11:21	Dark	21.500	142	49Del Cap	2.8500	8900.0	43	42412	No
20	GOM_NL__2PRFIN20100411_073001_000000392088_00278_42416_3746.N1	11-APR-2010 07:30:01	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42416	No
21	GOM_NL__2PRFIN20100411_073516_000000522088_00278_42416_3747.N1	11-APR-2010 07:35:16	Bright	52.000	19	50Alp Cyg	1.2460	10500.	104	42416	No
22	GOM_NL__2PRFIN20100411_073700_000000372088_00278_42416_3748.N1	11-APR-2010 07:37:00	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	42416	No
23	GOM_NL__2PRFIN20100411_073921_000000512088_00278_42416_3749.N1	11-APR-2010 07:39:21	Bright	51.000	92	53Eps Cyg	2.5000	4500.0	102	42416	No
24	GOM_NL__2PRFIN20100411_074626_000000502088_00278_42416_3750.N1	11-APR-2010 07:46:26	Twilight	49.500	61	8Eps Peg	2.1000	3900.0	99	42416	No
25	GOM_NL__2PRFIN20100411_074854_000000462088_00278_42416_3751.N1	11-APR-2010 07:48:54	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42416	No
26	GOM_NL__2PRFIN20100411_075119_000000462088_00278_42416_3752.N1	11-APR-2010 07:51:19	Dark	46.000	154	22Bet Aqr	2.8990	5700.0	92	42416	No
27	GOM_NL__2PRFIN20100411_075347_000000442088_00278_42416_3753.N1	11-APR-2010 07:53:47	Dark	43.500	142	49Del Cap	2.8500	8900.0	87	42416	No
28	GOM_NL__2PRFIN20100411_081327_000000522088_00279_42417_3754.N1	11-APR-2010 08:13:27	Dark	52.000	40	The Sco	1.8590	7100.0	104	42417	No
29	GOM_NL__2PRFIN20100411_082110_000000442088_00279_42417_3755.N1	11-APR-2010 08:21:10	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42417	No
30	GOM_NL__2PRFIN20100411_082247_000000442088_00279_42417_3756.N1	11-APR-2010 08:22:47	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42417	No
31	GOM_NL__2PRFIN20100411_082515_000000462088_00279_42417_3757.N1	11-APR-2010 08:25:15	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42417	No
32	GOM_NL__2PRFIN20100411_083010_000000452088_00279_42417_3758.N1	11-APR-2010 08:30:10	Twilight	44.500	169	46Gam Hya	2.9910	4700.0	89	42417	No
33	GOM_NL__2PRFIN20100411_083238_000000422088_00279_42417_3759.N1	11-APR-2010 08:32:38	Bright	41.500	163	7Del Crv	2.9450	11000.	83	42417	No
34	GOM_NL__2PRFIN20100411_084918_000000392088_00279_42417_3760.N1	11-APR-2010 08:49:18	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42417	No
35	GOM_NL__2PRFIN20100411_085253_000000372088_00279_42417_3761.N1	11-APR-2010 08:52:53	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42417	No
36	GOM_NL__2PRFIN20100411_085414_000000392088_00279_42417_3762.N1	11-APR-2010 08:54:14	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	42417	No
37	GOM_NL__2PRFIN20100411_090040_000000412088_00279_42417_3763.N1	11-APR-2010 09:00:40	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42417	No
38	GOM_NL__2PRFIN20100411_090234_000000292088_00279_42417_3764.N1	11-APR-2010 09:02:34	Twilight	29.000	119	14Eta Dra	2.7270	4700.0	58	42417	No
39	GOM_NL__2PRFIN20100411_091037_000000402088_00279_42417_3765.N1	11-APR-2010 09:10:37	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42417	No
40	GOM_NL__2PRFIN20100411_091552_000000492088_00279_42417_3766.N1	11-APR-2010 09:15:52	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	42417	No
41	GOM_NL__2PRFIN20100411_091736_000000372088_00279_42417_3767.N1	11-APR-2010 09:17:36	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	42417	No
42	GOM_NL__2PRFIN20100411_091958_000000682088_00279_42417_3768.N1	11-APR-2010 09:19:58	Bright	68.000	92	53Eps Cyg	2.5000	4500.0	136	42417	No

43	GOM_NL__2PRFIN20100411_092702_000000522088_00279_42417_3769.N1	11-APR-2010 09:27:02	Twilight	51.500	61	8Eps Peg	2.1000	3900.0	103	42417	No
44	GOM_NL__2PRFIN20100411_092930_000000422088_00279_42417_3770.N1	11-APR-2010 09:29:30	Dark	41.500	162	34Alp Aqr	2.9440	5350.0	83	42417	No
45	GOM_NL__2PRFIN20100411_093156_000000462088_00279_42417_3771.N1	11-APR-2010 09:31:56	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	42417	No
46	GOM_NL__2PRFIN20100411_093423_000000432088_00279_42417_3772.N1	11-APR-2010 09:34:23	Dark	43.000	142	49Del Cap	2.8500	8900.0	86	42417	No
47	GOM_NL__2PRFIN20100411_095404_000000522088_00280_42418_3762.N1	11-APR-2010 09:54:04	Dark	52.000	40	The Sco	1.8590	7100.0	104	42418	No
48	GOM_NL__2PRFIN20100411_100146_000000432088_00280_42418_3763.N1	11-APR-2010 10:01:46	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42418	No
49	GOM_NL__2PRFIN20100411_100323_000000432088_00280_42418_3764.N1	11-APR-2010 10:03:23	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42418	No
50	GOM_NL__2PRFIN20100411_100551_000000462088_00280_42418_3765.N1	11-APR-2010 10:05:51	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42418	No
51	GOM_NL__2PRFIN20100411_101046_000000452088_00280_42418_3766.N1	11-APR-2010 10:10:46	Tw_i_and_stray	44.500	169	46Gam Hya	2.9910	4700.0	89	42418	No
52	GOM_NL__2PRFIN20100411_101314_000000422088_00280_42418_3767.N1	11-APR-2010 10:13:14	Bright	42.000	163	7Del Crv	2.9450	11000.	84	42418	No
53	GOM_NL__2PRFIN20100411_101434_000000482088_00280_42418_3768.N1	11-APR-2010 10:14:34	Bright	48.000	15	67Alp Vir	0.97600	28000.	96	42418	No
54	GOM_NL__2PRFIN20100411_101739_000000402088_00280_42418_3769.N1	11-APR-2010 10:17:39	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42418	No
55	GOM_NL__2PRFIN20100411_102138_000000422088_00280_42418_3770.N1	11-APR-2010 10:21:38	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42418	No
56	GOM_NL__2PRFIN20100411_102954_000000592088_00280_42418_3771.N1	11-APR-2010 10:29:54	Bright	59.000	152	12Alp2CVn	2.8900	11000.	118	42418	No
57	GOM_NL__2PRFIN20100411_103328_000000392088_00280_42418_3772.N1	11-APR-2010 10:33:28	Bright	38.500	87	64Gam UMa	2.4330	11000.	77	42418	No
58	GOM_NL__2PRFIN20100411_103449_000000402088_00280_42418_3773.N1	11-APR-2010 10:34:49	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	42418	No
59	GOM_NL__2PRFIN20100411_104116_000000442088_00280_42418_3774.N1	11-APR-2010 10:41:16	Bright	44.000	60	7Bet UMi	2.0810	3950.0	88	42418	No
60	GOM_NL__2PRFIN20100411_104309_000000302088_00280_42418_3775.N1	11-APR-2010 10:43:09	Tw_i_and_stray	30.000	119	14Eta Dra	2.7270	4700.0	60	42418	No
61	GOM_NL__2PRFIN20100411_105113_000000452088_00280_42418_3776.N1	11-APR-2010 10:51:13	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	42418	No
62	GOM_NL__2PRFIN20100411_105628_000000452088_00280_42418_3777.N1	11-APR-2010 10:56:28	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	42418	No
63	GOM_NL__2PRFIN20100411_105812_000000302088_00280_42418_3778.N1	11-APR-2010 10:58:12	Tw_i_and_stray	30.000	66	37Gam Cyg	2.2080	5900.0	60	42418	No
64	GOM_NL__2PRFIN20100411_110033_000000532088_00280_42418_3779.N1	11-APR-2010 11:00:33	Bright	53.000	92	53Eps Cyg	2.5000	4500.0	106	42418	No
65	GOM_NL__2PRFIN20100411_110738_000000472088_00280_42418_3780.N1	11-APR-2010 11:07:38	Twilight	47.000	61	8Eps Peg	2.1000	3900.0	94	42418	No
66	GOM_NL__2PRFIN20100411_111007_000000442088_00280_42418_3781.N1	11-APR-2010 11:10:07	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42418	No
67	GOM_NL__2PRFIN20100411_111232_000000492088_00280_42418_3782.N1	11-APR-2010 11:12:32	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	42418	No
68	GOM_NL__2PRFIN20100411_111500_000000422088_00280_42418_3783.N1	11-APR-2010 11:15:00	Dark	42.000	142	49Del Cap	2.8500	8900.0	84	42418	No
69	GOM_NL__2PRFIN20100411_113441_000000522088_00281_42419_3770.N1	11-APR-2010 11:34:41	Dark	51.500	40	The Sco	1.8590	7100.0	103	42419	No
70	GOM_NL__2PRFIN20100411_114223_000000432088_00281_42419_3771.N1	11-APR-2010 11:42:23	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42419	No
71	GOM_NL__2PRFIN20100411_114359_000000452088_00281_42419_3772.N1	11-APR-2010 11:43:59	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42419	No
72	GOM_NL__2PRFIN20100411_114627_000000492088_00281_42419_3773.N1	11-APR-2010 11:46:27	Straylight	48.500	54	5The Cen	2.0550	4500.0	97	42419	No
73	GOM_NL__2PRFIN20100411_115122_000000432088_00281_42419_3774.N1	11-APR-2010 11:51:22	Tw_i_and_stray	43.000	169	46Gam Hya	2.9910	4700.0	86	42419	No
74	GOM_NL__2PRFIN20100411_115350_000000412088_00281_42419_3775.N1	11-APR-2010 11:53:50	Bright	40.500	163	7Del Crv	2.9450	11000.	81	42419	No
75	GOM_NL__2PRFIN20100411_115509_000000472088_00281_42419_3776.N1	11-APR-2010 11:55:09	Bright	46.500	15	67Alp Vir	0.97600	28000.	93	42419	No
76	GOM_NL__2PRFIN20100411_115815_000000392088_00281_42419_3777.N1	11-APR-2010 11:58:15	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42419	No
77	GOM_NL__2PRFIN20100411_120213_000000432088_00281_42419_3778.N1	11-APR-2010 12:02:13	Bright	43.000	138	47Eps Vir	2.8280	4700.0	86	42419	No
78	GOM_NL__2PRFIN20100411_121029_000000402088_00281_42419_3779.N1	11-APR-2010 12:10:29	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	42419	No
79	GOM_NL__2PRFIN20100411_121404_000000372088_00281_42419_3780.N1	11-APR-2010 12:14:04	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	42419	No
80	GOM_NL__2PRFIN20100411_121525_000000422088_00281_42419_3781.N1	11-APR-2010 12:15:25	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	42419	No
81	GOM_NL__2PRFIN20100411_122151_000000572088_00281_42419_3782.N1	11-APR-2010 12:21:51	Bright	57.000	60	7Bet UMi	2.0810	3950.0	114	42419	No
82	GOM_NL__2PRFIN20100411_122344_000000302088_00281_42419_3783.N1	11-APR-2010 12:23:44	Tw_i_and_stray	30.000	119	14Eta Dra	2.7270	4700.0	60	42419	No
83	GOM_NL__2PRFIN20100411_123148_000000392088_00281_42419_3784.N1	11-APR-2010 12:31:48	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42419	No
84	GOM_NL__2PRFIN20100411_123704_000000502088_00281_42419_3785.N1	11-APR-2010 12:37:04	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	42419	No
85	GOM_NL__2PRFIN20100411_123848_000000302088_00281_42419_3786.N1	11-APR-2010 12:38:48	Tw_i_and_stray	30.000	66	37Gam Cyg	2.2080	5900.0	60	42419	No
86	GOM_NL__2PRFIN20100411_124110_000000512088_00281_42419_3787.N1	11-APR-2010 12:41:10	Bright	51.000	92	53Eps Cyg	2.5000	4500.0	102	42419	No
87	GOM_NL__2PRFIN20100411_124815_000000562088_00281_42419_3788.N1	11-APR-2010 12:48:15	Twilight	56.000	61	8Eps Peg	2.1000	3900.0	112	42419	No
88	GOM_NL__2PRFIN20100411_125043_000000442088_00281_42419_3789.N1	11-APR-2010 12:50:43	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42419	No
89	GOM_NL__2PRFIN20100411_125309_000000482088_00281_42419_3790.N1	11-APR-2010 12:53:09	Dark	48.000	154	22Bet Aqr	2.8990	5700.0	96	42419	No
90	GOM_NL__2PRFIN20100411_125536_000000442088_00281_42419_3791.N1	11-APR-2010 12:55:36	Dark	43.500	142	49Del Cap	2.8500	8900.0	87	42419	No
91	GOM_NL__2PRFIN20100411_131517_000000532088_00282_42420_3778.N1	11-APR-2010 13:15:17	Dark	53.000	40	The Sco	1.8590	7100.0	106	42420	No
92	GOM_NL__2PRFIN20100411_132259_000000452088_00282_42420_3779.N1	11-APR-2010 13:22:59	Straylight	45.000	78	Alp Lup	2.3040	28000.	90	42420	No
93	GOM_NL__2PRFIN20100411_132435_000000452088_00282_42420_3780.N1	11-APR-2010 13:24:35	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42420	No
94	GOM_NL__2PRFIN20100411_132703_000000512088_00282_42420_3781.N1	11-APR-2010 13:27:03	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	42420	No
95	GOM_NL__2PRFIN20100411_133158_000000462088_00282_42420_3782.N1	11-APR-2010 13:31:58	Tw_i_and_stray	46.000	169	46Gam Hya	2.9910	4700.0	92	42420	No
96	GOM_NL__2PRFIN20100411_133426_000000412088_00282_42420_3783.N1	11-APR-2010 13:34:26	Bright	41.000	163	7Del Crv	2.9450	11000.	82	42420	No
97	GOM_NL__2PRFIN20100411_133545_000000492088_00282_42420_3784.N1	11-APR-2010 13:35:45	Bright	49.000	15	67Alp Vir	0.97600	28000.	98	42420	No
98	GOM_NL__2PRFIN20100411_133851_000000412088_00282_42420_3785.N1	11-APR-2010 13:38:51	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	42420	No
99	GOM_NL__2PRFIN20100411_134249_000000422088_00282_42420_3786.N1	11-APR-2010 13:42:49	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42420	No
100	GOM_NL__2PRFIN20100411_135105_000000392088_00282_42420_3787.N1	11-APR-2010 13:51:05	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42420	No
101	GOM_NL__2PRFIN20100411_135440_000000372088_00282_42420_3788.N1	11-APR-2010 13:54:40	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	42420	No

102	GOM_NL__2PRFIN20100411_135601_000000412088_00282_42420_3789.N1	11-APR-2010 13:56:01	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	42420	No
103	GOM_NL__2PRFIN20100411_140227_000000372088_00282_42420_3790.N1	11-APR-2010 14:02:27	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	42420	No
104	GOM_NL__2PRFIN20100411_141224_000000392088_00282_42420_3791.N1	11-APR-2010 14:12:24	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42420	No
105	GOM_NL__2PRFIN20100411_141739_000000502088_00282_42420_3792.N1	11-APR-2010 14:17:39	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	42420	No
106	GOM_NL__2PRFIN20100411_142146_000000682088_00282_42420_3793.N1	11-APR-2010 14:21:46	Bright	68.000	92	53Eps Cyg	2.5000	4500.0	136	42420	No
107	GOM_NL__2PRFIN20100411_142851_000000502088_00282_42420_3794.N1	11-APR-2010 14:28:51	Twilight	50.000	61	8Eps Peg	2.1000	3900.0	100	42420	No
108	GOM_NL__2PRFIN20100411_143119_000000442088_00282_42420_3795.N1	11-APR-2010 14:31:19	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	42420	No
109	GOM_NL__2PRFIN20100411_143345_000000462088_00282_42420_3796.N1	11-APR-2010 14:33:45	Dark	46.000	154	22Bet Aqr	2.8990	5700.0	92	42420	No
110	GOM_NL__2PRFIN20100411_143612_000000422088_00282_42420_3797.N1	11-APR-2010 14:36:12	Dark	42.000	142	49Del Cap	2.8500	8900.0	84	42420	No
111	GOM_NL__2PRFIN20100411_145555_000000582088_00283_42421_3787.N1	11-APR-2010 14:55:55	Dark	57.500	40	The Sco	1.8590	7100.0	115	42421	No
112	GOM_NL__2PRFIN20100411_150335_000000432088_00283_42421_3788.N1	11-APR-2010 15:03:35	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42421	No
113	GOM_NL__2PRFIN20100411_150512_000000432088_00283_42421_3789.N1	11-APR-2010 15:05:12	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42421	No
114	GOM_NL__2PRFIN20100411_150740_000000502088_00283_42421_3790.N1	11-APR-2010 15:07:40	Straylight	50.000	54	5The Cen	2.0550	4500.0	100	42421	No
115	GOM_NL__2PRFIN20100411_151234_000000442088_00283_42421_3791.N1	11-APR-2010 15:12:34	Tw_i_and_stray	44.000	169	46Gam Hya	2.9910	4700.0	88	42421	No
116	GOM_NL__2PRFIN20100411_151502_000000482088_00283_42421_3792.N1	11-APR-2010 15:15:02	Bright	47.500	163	7Del Crv	2.9450	11000.	95	42421	No
117	GOM_NL__2PRFIN20100411_151621_000000542088_00283_42421_3793.N1	11-APR-2010 15:16:21	Bright	53.500	15	67Alp Vir	0.97600	28000.	107	42421	No
118	GOM_NL__2PRFIN20100411_151926_000000402088_00283_42421_3794.N1	11-APR-2010 15:19:26	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42421	No
119	GOM_NL__2PRFIN20100411_152325_000000422088_00283_42421_3795.N1	11-APR-2010 15:23:25	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42421	No
120	GOM_NL__2PRFIN20100411_153140_000000412088_00283_42421_3796.N1	11-APR-2010 15:31:40	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	42421	No
121	GOM_NL__2PRFIN20100411_153516_000000372088_00283_42421_3797.N1	11-APR-2010 15:35:16	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	42421	No
122	GOM_NL__2PRFIN20100411_153637_000000412088_00283_42421_3798.N1	11-APR-2010 15:36:37	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	42421	No
123	GOM_NL__2PRFIN20100411_154303_000000372088_00283_42421_3799.N1	11-APR-2010 15:43:03	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	42421	No
124	GOM_NL__2PRFIN20100411_154454_000000312088_00283_42421_3800.N1	11-APR-2010 15:44:54	Tw_i_and_stray	31.000	119	14Eta Dra	2.7270	4700.0	62	42421	No
125	GOM_NL__2PRFIN20100411_155300_000000412088_00283_42421_3801.N1	11-APR-2010 15:53:00	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42421	No
126	GOM_NL__2PRFIN20100411_155815_000000482088_00283_42421_3802.N1	11-APR-2010 15:58:15	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	42421	No
127	GOM_NL__2PRFIN20100411_160222_000000532088_00283_42421_3803.N1	11-APR-2010 16:02:22	Bright	52.500	92	53Eps Cyg	2.5000	4500.0	105	42421	No
128	GOM_NL__2PRFIN20100411_160928_000000522088_00283_42421_3804.N1	11-APR-2010 16:09:28	Twilight	51.500	61	8Eps Peg	2.1000	3900.0	103	42421	No
129	GOM_NL__2PRFIN20100411_161155_000000452088_00283_42421_3805.N1	11-APR-2010 16:11:55	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	42421	No
130	GOM_NL__2PRFIN20100411_161422_000000452088_00283_42421_3806.N1	11-APR-2010 16:14:22	Dark	44.500	154	22Bet Aqr	2.8990	5700.0	89	42421	No
131	GOM_NL__2PRFIN20100411_161649_000000412088_00283_42421_3807.N1	11-APR-2010 16:16:49	Dark	40.500	142	49Del Cap	2.8500	8900.0	81	42421	No
132	GOM_NL__2PRFIN20100411_163632_000000532088_00284_42422_3805.N1	11-APR-2010 16:36:32	Dark	53.000	40	The Sco	1.8590	7100.0	106	42422	No
133	GOM_NL__2PRFIN20100411_164412_000000452088_00284_42422_3806.N1	11-APR-2010 16:44:12	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	42422	No
134	GOM_NL__2PRFIN20100411_164548_000000442088_00284_42422_3807.N1	11-APR-2010 16:45:48	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42422	No
135	GOM_NL__2PRFIN20100411_164816_000000502088_00284_42422_3808.N1	11-APR-2010 16:48:16	Straylight	50.000	54	5The Cen	2.0550	4500.0	100	42422	No
136	GOM_NL__2PRFIN20100411_165310_000000462088_00284_42422_3809.N1	11-APR-2010 16:53:10	Tw_i_and_stray	46.000	169	46Gam Hya	2.9910	4700.0	92	42422	No
137	GOM_NL__2PRFIN20100411_165538_000000452088_00284_42422_3810.N1	11-APR-2010 16:55:38	Bright	44.500	163	7Del Crv	2.9450	11000.	89	42422	No
138	GOM_NL__2PRFIN20100411_165657_000000492088_00284_42422_3811.N1	11-APR-2010 16:56:57	Bright	48.500	15	67Alp Vir	0.97600	28000.	97	42422	No
139	GOM_NL__2PRFIN20100411_170002_000000412088_00284_42422_3812.N1	11-APR-2010 17:00:02	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	42422	No
140	GOM_NL__2PRFIN20100411_170401_000000412088_00284_42422_3813.N1	11-APR-2010 17:04:01	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	42422	No
141	GOM_NL__2PRFIN20100411_171216_000000402088_00284_42422_3814.N1	11-APR-2010 17:12:16	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	42422	No
142	GOM_NL__2PRFIN20100411_171552_000000372088_00284_42422_3815.N1	11-APR-2010 17:15:52	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42422	No
143	GOM_NL__2PRFIN20100411_171712_000000402088_00284_42422_3816.N1	11-APR-2010 17:17:12	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	42422	No
144	GOM_NL__2PRFIN20100411_172338_000000382088_00284_42422_3817.N1	11-APR-2010 17:23:38	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	42422	No
145	GOM_NL__2PRFIN20100411_172530_000000332088_00284_42422_3818.N1	11-APR-2010 17:25:30	Tw_i_and_stray	33.000	119	14Eta Dra	2.7270	4700.0	66	42422	No
146	GOM_NL__2PRFIN20100411_173336_000000402088_00284_42422_3819.N1	11-APR-2010 17:33:36	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42422	No
147	GOM_NL__2PRFIN20100411_173851_000000482088_00284_42422_3820.N1	11-APR-2010 17:38:51	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	42422	No
148	GOM_NL__2PRFIN20100411_174258_000000682088_00284_42422_3821.N1	11-APR-2010 17:42:58	Bright	68.000	92	53Eps Cyg	2.5000	4500.0	136	42422	No
149	GOM_NL__2PRFIN20100411_175004_000000502088_00284_42422_3822.N1	11-APR-2010 17:50:04	Twilight	49.500	61	8Eps Peg	2.1000	3900.0	99	42422	No
150	GOM_NL__2PRFIN20100411_175232_000000442088_00284_42422_3823.N1	11-APR-2010 17:52:32	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	42422	No
151	GOM_NL__2PRFIN20100411_175458_000000482088_00284_42422_3824.N1	11-APR-2010 17:54:58	Dark	47.500	154	22Bet Aqr	2.8990	5700.0	95	42422	No
152	GOM_NL__2PRFIN20100411_175725_000000412088_00284_42422_3825.N1	11-APR-2010 17:57:25	Dark	40.500	142	49Del Cap	2.8500	8900.0	81	42422	No
153	GOM_NL__2PRFIN20100411_181709_000000532088_00285_42423_3813.N1	11-APR-2010 18:17:09	Dark	52.500	40	The Sco	1.8590	7100.0	105	42423	No
154	GOM_NL__2PRFIN20100411_182449_000000442088_00285_42423_3814.N1	11-APR-2010 18:24:49	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42423	No
155	GOM_NL__2PRFIN20100411_182625_000000462088_00285_42423_3815.N1	11-APR-2010 18:26:25	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	42423	No
156	GOM_NL__2PRFIN20100411_182853_000000502088_00285_42423_3816.N1	11-APR-2010 18:28:53	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	42423	No
157	GOM_NL__2PRFIN20100411_183347_000000472088_00285_42423_3817.N1	11-APR-2010 18:33:47	Tw_i_and_stray	47.000	169	46Gam Hya	2.9910	4700.0	94	42423	No
158	GOM_NL__2PRFIN20100411_183614_000000422088_00285_42423_3818.N1	11-APR-2010 18:36:14	Bright	41.500	163	7Del Crv	2.9450	11000.	83	42423	No
159	GOM_NL__2PRFIN20100411_183733_000000492088_00285_42423_3819.N1	11-APR-2010 18:37:33	Bright	49.000	15	67Alp Vir	0.97600	28000.	98	42423	No
160	GOM_NL__2PRFIN20100411_184039_000000402088_00285_42423_3820.N1	11-APR-2010 18:40:39	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42423	No

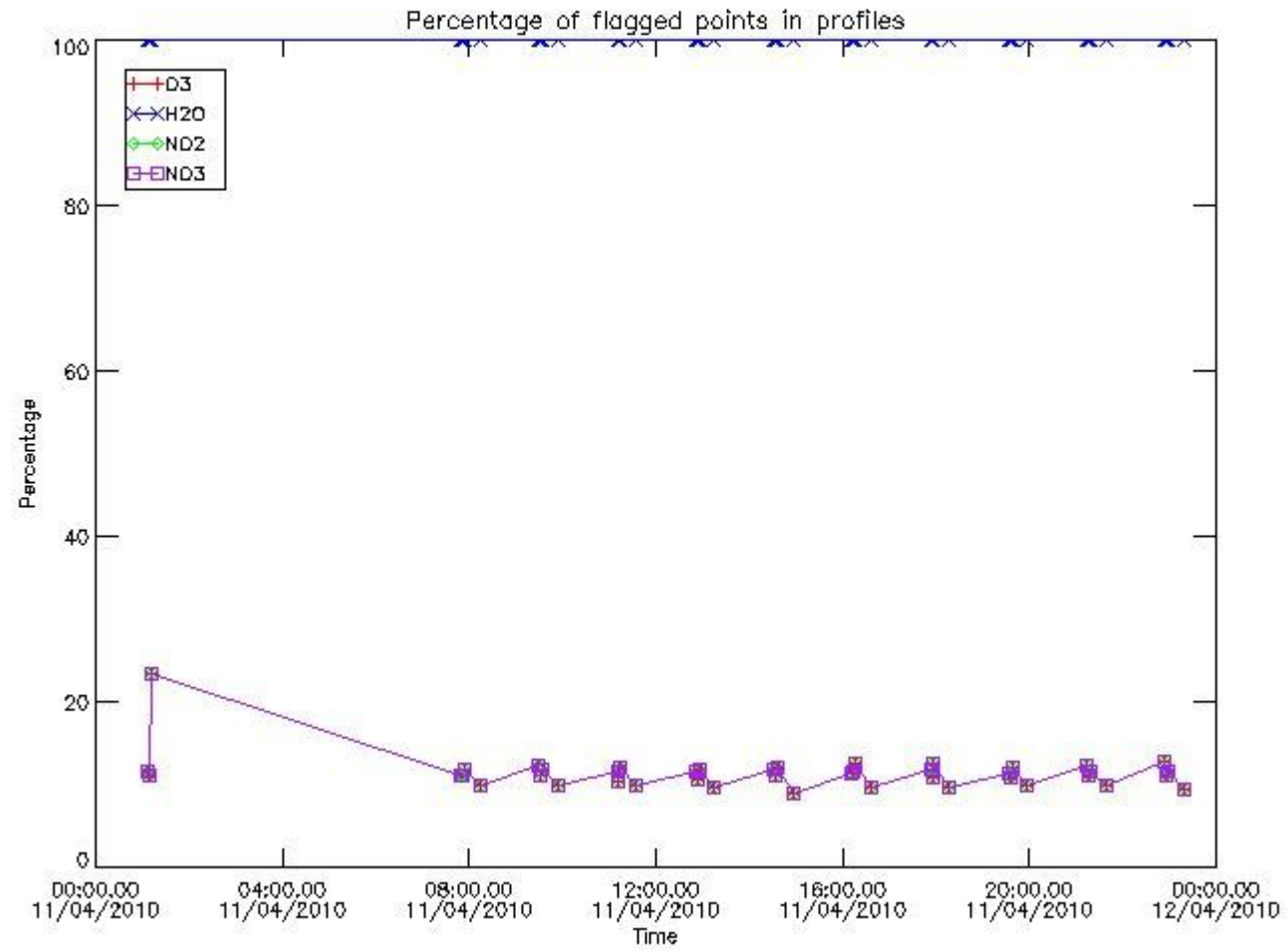
161	GOM_NL__2PRFIN20100411_184436_000000422088_00285_42423_3821.N1	11-APR-2010 18:44:36	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42423	No
162	GOM_NL__2PRFIN20100411_185251_000000412088_00285_42423_3822.N1	11-APR-2010 18:52:51	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	42423	No
163	GOM_NL__2PRFIN20100411_185628_000000502088_00285_42423_3823.N1	11-APR-2010 18:56:28	Bright	49.500	87	64Gam UMa	2.4330	11000.	99	42423	No
164	GOM_NL__2PRFIN20100411_185748_000000402088_00285_42423_3824.N1	11-APR-2010 18:57:48	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	42423	No
165	GOM_NL__2PRFIN20100411_190414_000000412088_00285_42423_3825.N1	11-APR-2010 19:04:14	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42423	No
166	GOM_NL__2PRFIN20100411_190605_000000332088_00285_42423_3826.N1	11-APR-2010 19:06:05	Twilight	33.000	119	14Eta Dra	2.7270	4700.0	66	42423	No
167	GOM_NL__2PRFIN20100411_191412_000000372088_00285_42423_3827.N1	11-APR-2010 19:14:12	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	42423	No
168	GOM_NL__2PRFIN20100411_191927_000000482088_00285_42423_3828.N1	11-APR-2010 19:19:27	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	42423	No
169	GOM_NL__2PRFIN20100411_192334_000000522088_00285_42423_3829.N1	11-APR-2010 19:23:34	Bright	52.000	92	53Eps Cyg	2.5000	4500.0	104	42423	No
170	GOM_NL__2PRFIN20100411_193040_000000492088_00285_42423_3830.N1	11-APR-2010 19:30:40	Twilight	49.000	61	8Eps Peg	2.1000	3900.0	98	42423	No
171	GOM_NL__2PRFIN20100411_193308_000000452088_00285_42423_3831.N1	11-APR-2010 19:33:08	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	42423	No
172	GOM_NL__2PRFIN20100411_193535_000000482088_00285_42423_3832.N1	11-APR-2010 19:35:35	Dark	47.500	154	22Bet Aqr	2.8990	5700.0	95	42423	No
173	GOM_NL__2PRFIN20100411_193802_000000432088_00285_42423_3833.N1	11-APR-2010 19:38:02	Dark	42.500	142	49Del Cap	2.8500	8900.0	85	42423	No
174	GOM_NL__2PRFIN20100411_195746_000000512088_00286_42424_3821.N1	11-APR-2010 19:57:46	Dark	50.500	40	The Sco	1.8590	7100.0	101	42424	No
175	GOM_NL__2PRFIN20100411_200525_000000452088_00286_42424_3822.N1	11-APR-2010 20:05:25	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	42424	No
176	GOM_NL__2PRFIN20100411_200701_000000472088_00286_42424_3823.N1	11-APR-2010 20:07:01	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	42424	No
177	GOM_NL__2PRFIN20100411_200929_000000502088_00286_42424_3824.N1	11-APR-2010 20:09:29	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	42424	No
178	GOM_NL__2PRFIN20100411_201422_000000452088_00286_42424_3825.N1	11-APR-2010 20:14:22	Twilight	44.500	169	46Gam Hya	2.9910	4700.0	89	42424	No
179	GOM_NL__2PRFIN20100411_201650_000000442088_00286_42424_3826.N1	11-APR-2010 20:16:50	Bright	44.000	163	7Del Crv	2.9450	11000.	88	42424	No
180	GOM_NL__2PRFIN20100411_201809_000000492088_00286_42424_3827.N1	11-APR-2010 20:18:09	Bright	49.000	15	67Alp Vir	0.97600	28000.	98	42424	No
181	GOM_NL__2PRFIN20100411_202114_000000402088_00286_42424_3828.N1	11-APR-2010 20:21:14	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	42424	No
182	GOM_NL__2PRFIN20100411_202512_000000422088_00286_42424_3829.N1	11-APR-2010 20:25:12	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42424	No
183	GOM_NL__2PRFIN20100411_203327_000000412088_00286_42424_3830.N1	11-APR-2010 20:33:27	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	42424	No
184	GOM_NL__2PRFIN20100411_203704_000000362088_00286_42424_3831.N1	11-APR-2010 20:37:04	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	42424	No
185	GOM_NL__2PRFIN20100411_203824_000000382088_00286_42424_3832.N1	11-APR-2010 20:38:24	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	42424	No
186	GOM_NL__2PRFIN20100411_204450_000000412088_00286_42424_3833.N1	11-APR-2010 20:44:50	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42424	No
187	GOM_NL__2PRFIN20100411_204640_000000342088_00286_42424_3834.N1	11-APR-2010 20:46:40	Twilight	34.000	119	14Eta Dra	2.7270	4700.0	68	42424	No
188	GOM_NL__2PRFIN20100411_205448_000000372088_00286_42424_3835.N1	11-APR-2010 20:54:48	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	42424	No
189	GOM_NL__2PRFIN20100411_210003_000000442088_00286_42424_3836.N1	11-APR-2010 21:00:03	Bright	44.000	19	50Alp Cyg	1.2460	10500.	88	42424	No
190	GOM_NL__2PRFIN20100411_210410_000000502088_00286_42424_3837.N1	11-APR-2010 21:04:10	Bright	50.000	92	53Eps Cyg	2.5000	4500.0	100	42424	No
191	GOM_NL__2PRFIN20100411_211116_000000512088_00286_42424_3838.N1	11-APR-2010 21:11:16	Twilight	51.000	61	8Eps Peg	2.1000	3900.0	102	42424	No
192	GOM_NL__2PRFIN20100411_211345_000000422088_00286_42424_3839.N1	11-APR-2010 21:13:45	Dark	41.500	162	34Alp Aqr	2.9440	5350.0	83	42424	No
193	GOM_NL__2PRFIN20100411_211611_000000462088_00286_42424_3840.N1	11-APR-2010 21:16:11	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	42424	No
194	GOM_NL__2PRFIN20100411_211838_000000442088_00286_42424_3841.N1	11-APR-2010 21:18:38	Dark	44.000	142	49Del Cap	2.8500	8900.0	88	42424	No
195	GOM_NL__2PRFIN20100411_213823_000000522088_00287_42425_3849.N1	11-APR-2010 21:38:23	Dark	52.000	40	The Sco	1.8590	7100.0	104	42425	No
196	GOM_NL__2PRFIN20100411_214601_000000442088_00287_42425_3850.N1	11-APR-2010 21:46:01	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42425	No
197	GOM_NL__2PRFIN20100411_214738_000000472088_00287_42425_3851.N1	11-APR-2010 21:47:38	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	42425	No
198	GOM_NL__2PRFIN20100411_215005_000000502088_00287_42425_3852.N1	11-APR-2010 21:50:05	Straylight	50.000	54	5The Cen	2.0550	4500.0	100	42425	No
199	GOM_NL__2PRFIN20100411_215459_000000442088_00287_42425_3853.N1	11-APR-2010 21:54:59	Twilight	44.000	169	46Gam Hya	2.9910	4700.0	88	42425	No
200	GOM_NL__2PRFIN20100411_215726_000000412088_00287_42425_3854.N1	11-APR-2010 21:57:26	Bright	40.500	163	7Del Crv	2.9450	11000.	81	42425	No
201	GOM_NL__2PRFIN20100411_215845_000000512088_00287_42425_3855.N1	11-APR-2010 21:58:45	Bright	51.000	15	67Alp Vir	0.97600	28000.	102	42425	No
202	GOM_NL__2PRFIN20100411_220150_000000402088_00287_42425_3856.N1	11-APR-2010 22:01:50	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42425	No
203	GOM_NL__2PRFIN20100411_220548_000000422088_00287_42425_3857.N1	11-APR-2010 22:05:48	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42425	No
204	GOM_NL__2PRFIN20100411_221402_000000392088_00287_42425_3858.N1	11-APR-2010 22:14:02	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42425	No
205	GOM_NL__2PRFIN20100411_221739_000000362088_00287_42425_3859.N1	11-APR-2010 22:17:39	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	42425	No
206	GOM_NL__2PRFIN20100411_221859_000000392088_00287_42425_3860.N1	11-APR-2010 22:18:59	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	42425	No
207	GOM_NL__2PRFIN20100411_222525_000000362088_00287_42425_3861.N1	11-APR-2010 22:25:25	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	42425	No
208	GOM_NL__2PRFIN20100411_222715_000000342088_00287_42425_3862.N1	11-APR-2010 22:27:15	Twilight	34.000	119	14Eta Dra	2.7270	4700.0	68	42425	No
209	GOM_NL__2PRFIN20100411_223523_000000382088_00287_42425_3863.N1	11-APR-2010 22:35:23	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42425	No
210	GOM_NL__2PRFIN20100411_224039_000000442088_00287_42425_3864.N1	11-APR-2010 22:40:39	Bright	44.000	19	50Alp Cyg	1.2460	10500.	88	42425	No
211	GOM_NL__2PRFIN20100411_224446_000000532088_00287_42425_3865.N1	11-APR-2010 22:44:46	Bright	52.500	92	53Eps Cyg	2.5000	4500.0	105	42425	No
212	GOM_NL__2PRFIN20100411_225153_000000492088_00287_42425_3866.N1	11-APR-2010 22:51:53	Twilight	49.000	61	8Eps Peg	2.1000	3900.0	98	42425	No
213	GOM_NL__2PRFIN20100411_225421_000000442088_00287_42425_3867.N1	11-APR-2010 22:54:21	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42425	No
214	GOM_NL__2PRFIN20100411_225648_000000462088_00287_42425_3868.N1	11-APR-2010 22:56:48	Dark	46.000	154	22Bet Aqr	2.8990	5700.0	92	42425	No
215	GOM_NL__2PRFIN20100411_225914_000000452088_00287_42425_3869.N1	11-APR-2010 22:59:14	Dark	44.500	142	49Del Cap	2.8500	8900.0	89	42425	No
216	GOM_NL__2PRFIN20100411_231900_000000542088_00288_42426_3857.N1	11-APR-2010 23:19:00	Dark	54.000	40	The Sco	1.8590	7100.0	108	42426	No
217	GOM_NL__2PRFIN20100411_232638_000000442088_00288_42426_3858.N1	11-APR-2010 23:26:38	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42426	No
218	GOM_NL__2PRFIN20100411_232814_000000462088_00288_42426_3859.N1	11-APR-2010 23:28:14	Straylight	46.000	81	Eta Cen	2.3560	28000.	92	42426	No
219	GOM_NL__2PRFIN20100411_233041_000000562088_00288_42426_3860.N1	11-APR-2010 23:30:41	Straylight	56.000	54	5The Cen	2.0550	4500.0	112	42426	No

220	GOM_NL__2PRFIN20100411_233535_000000452088_00288_42426_3861.N1	11-APR-2010 23:35:35	Twilight_stray	45.000	169	46Gam Hya	2.9910	4700.0	90	42426	No
221	GOM_NL__2PRFIN20100411_233802_000000522088_00288_42426_3862.N1	11-APR-2010 23:38:02	Bright	52.000	163	7Del Crv	2.9450	11000.	104	42426	No
222	GOM_NL__2PRFIN20100411_233921_000000512088_00288_42426_3863.N1	11-APR-2010 23:39:21	Bright	50.500	15	67Alp Vir	0.97600	28000.	101	42426	No
223	GOM_NL__2PRFIN20100411_234226_000000412088_00288_42426_3864.N1	11-APR-2010 23:42:26	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	42426	No
224	GOM_NL__2PRFIN20100411_234623_000000422088_00288_42426_3865.N1	11-APR-2010 23:46:23	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42426	No
225	GOM_NL__2PRFIN20100411_235438_000000402088_00288_42426_3866.N1	11-APR-2010 23:54:38	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	42426	No
226	GOM_NL__2PRFIN20100411_235815_000000372088_00288_42426_3867.N1	11-APR-2010 23:58:15	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42426	No
227	GOM_NL__2PRFIN20100411_235934_000000562088_00288_42426_3868.N1	11-APR-2010 23:59:34	Bright	56.000	32	77Eps UMa	1.7630	11000.	112	42426	No

3. Quality information per product

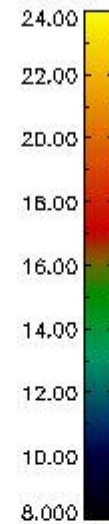
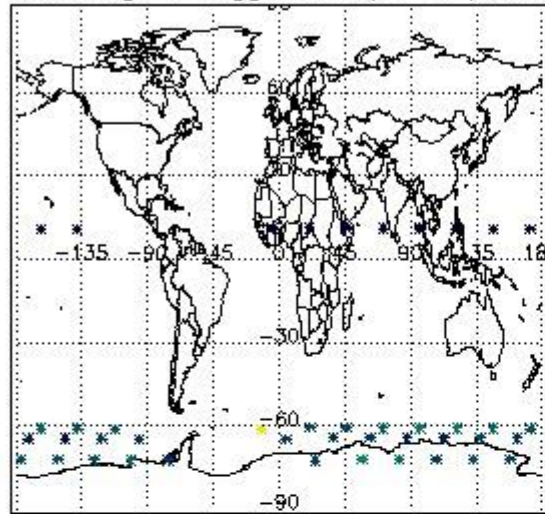
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

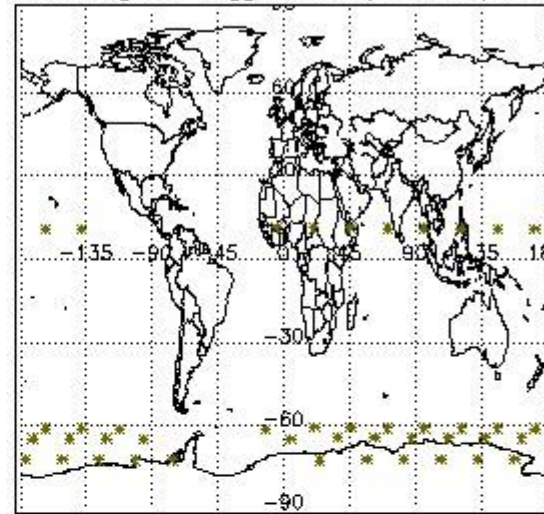


3.2 Plot quality information per product (world map)

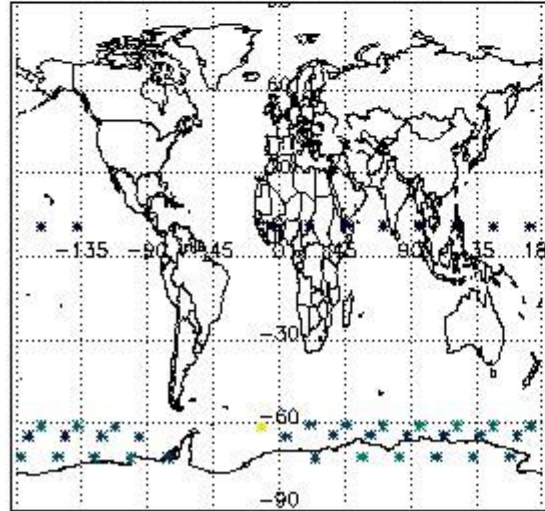
Percentage of flagged data per O3 profile



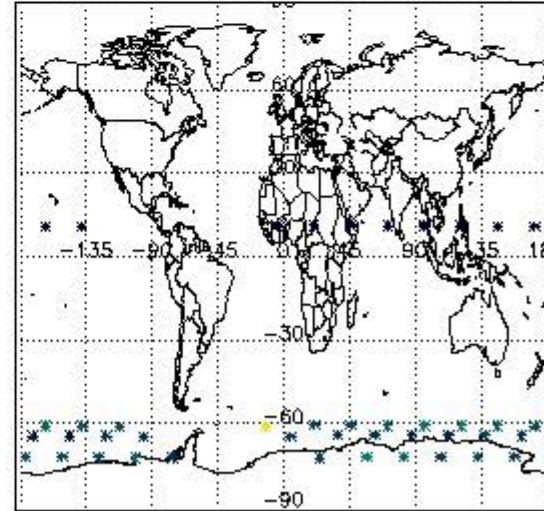
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

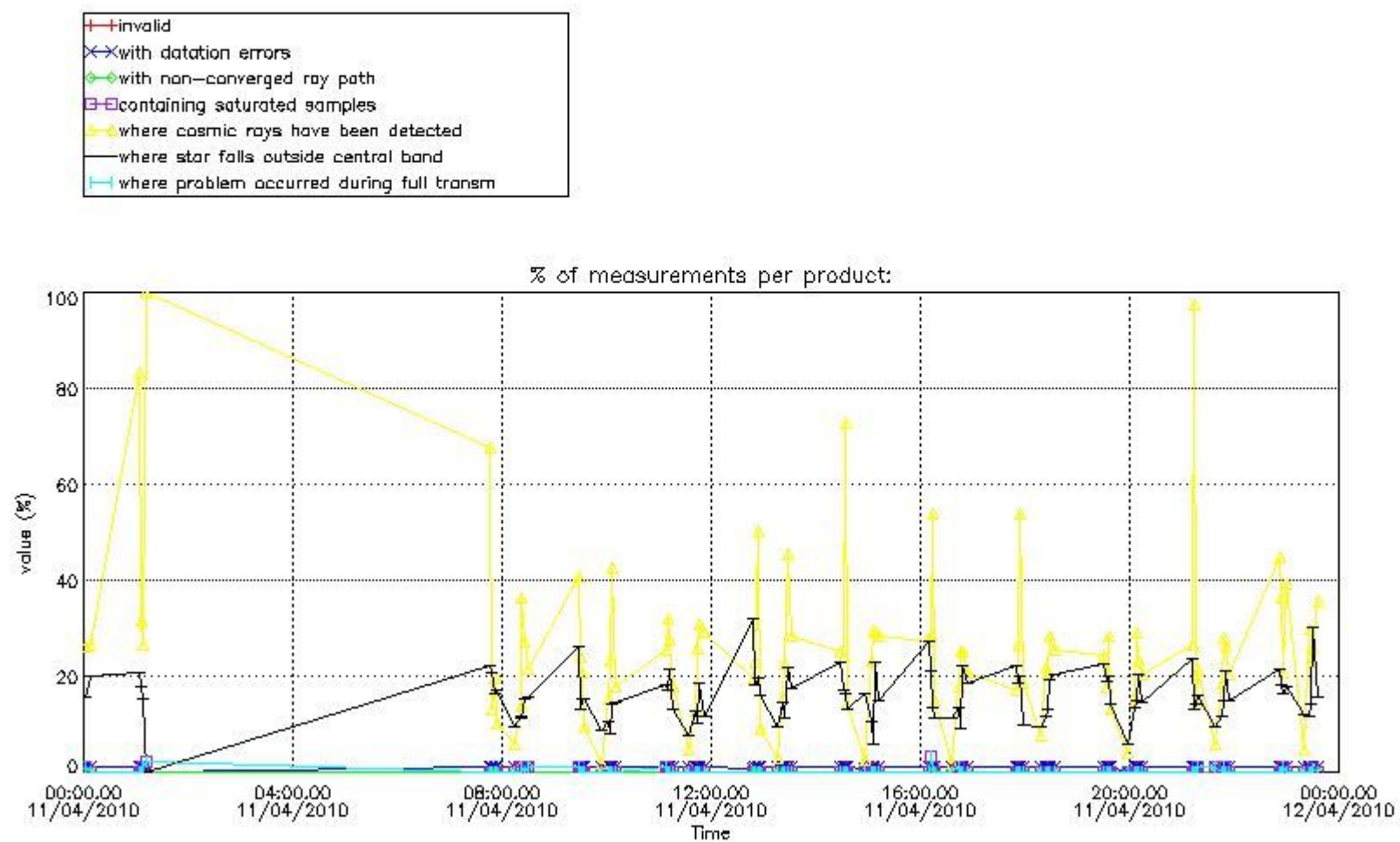


4. Level 1 quality information per product

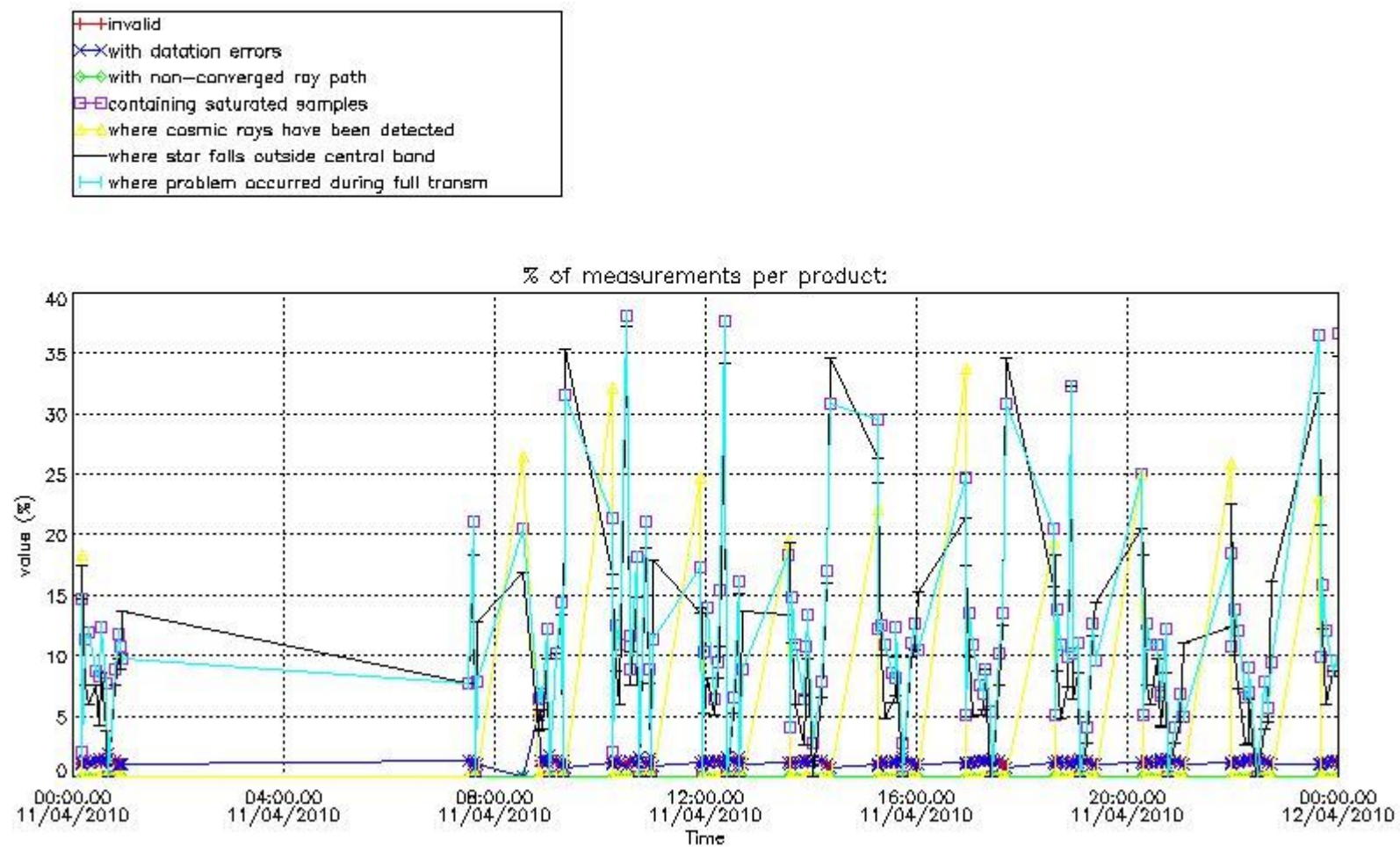
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

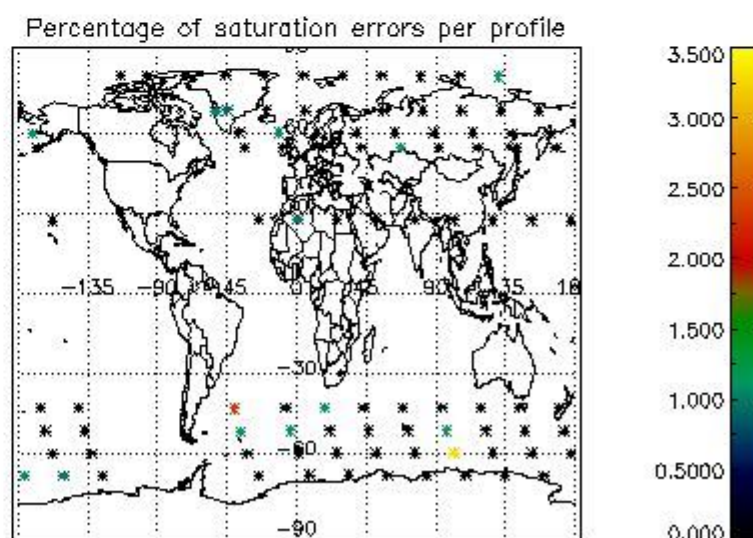
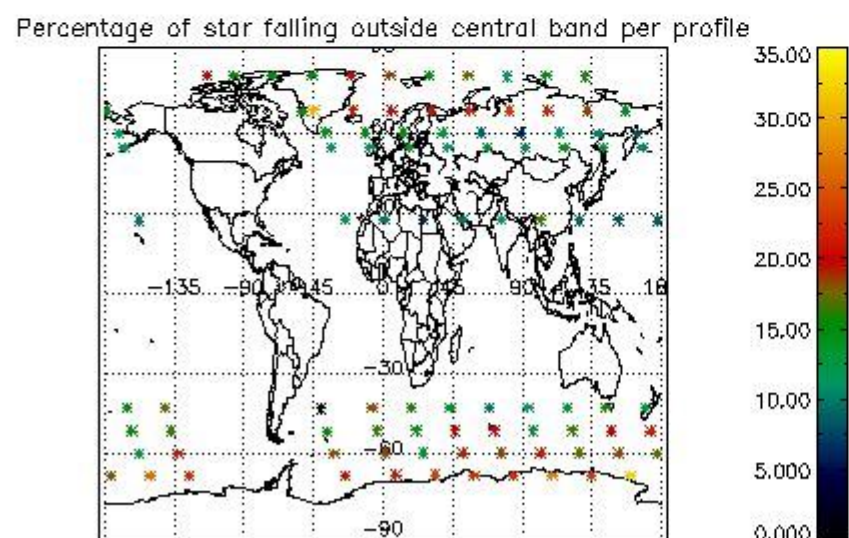
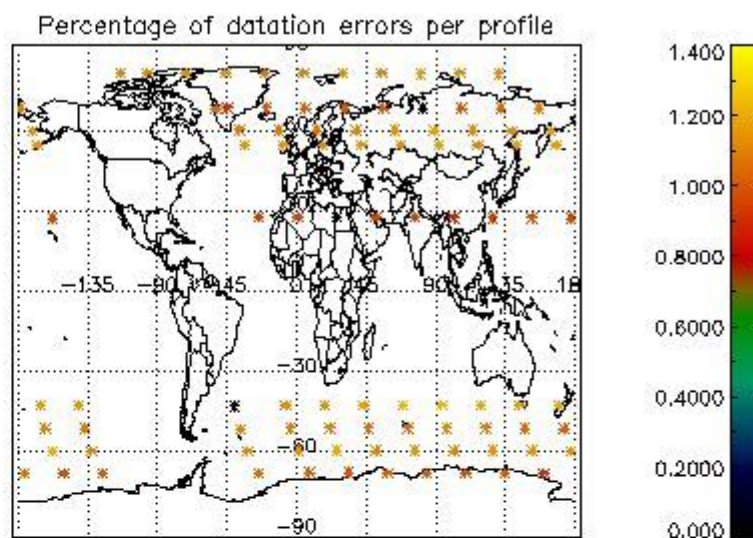
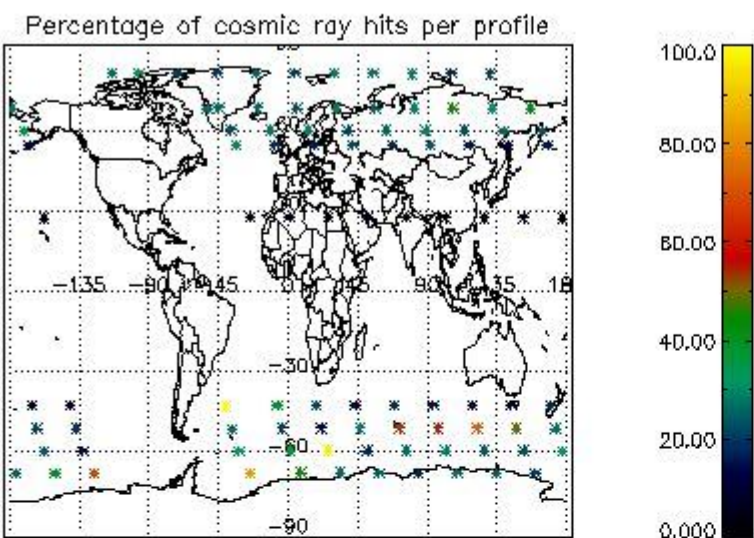


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

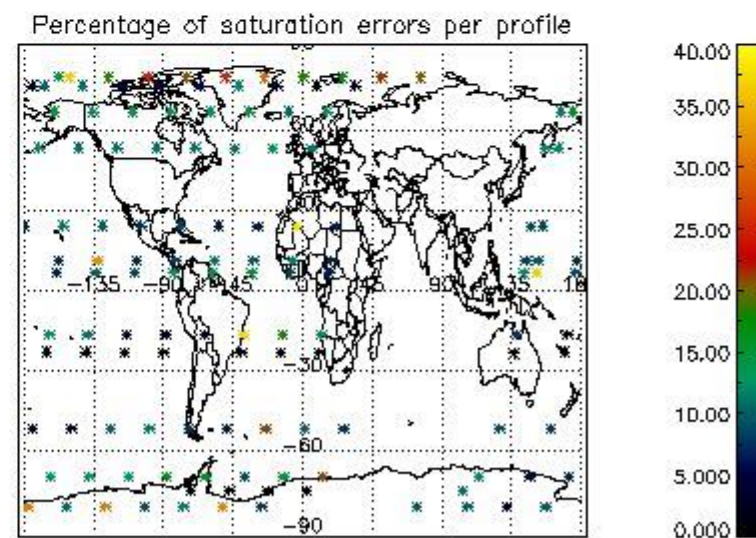
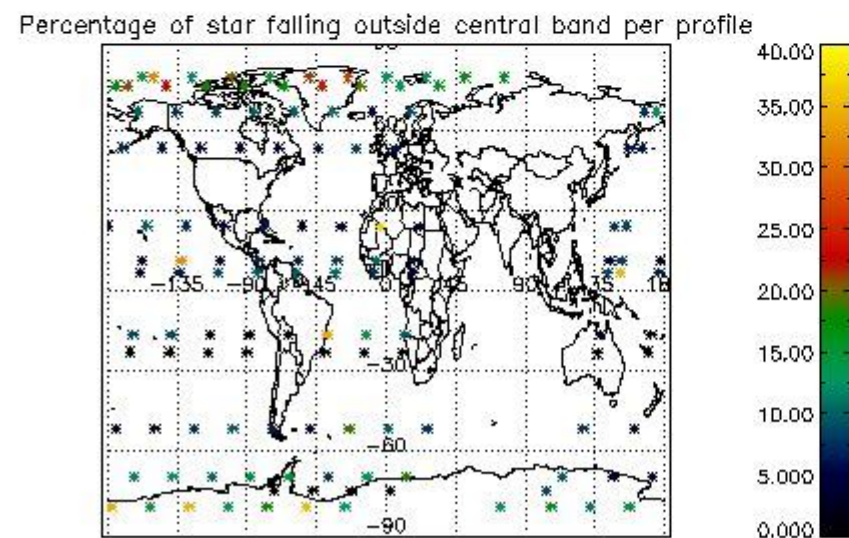
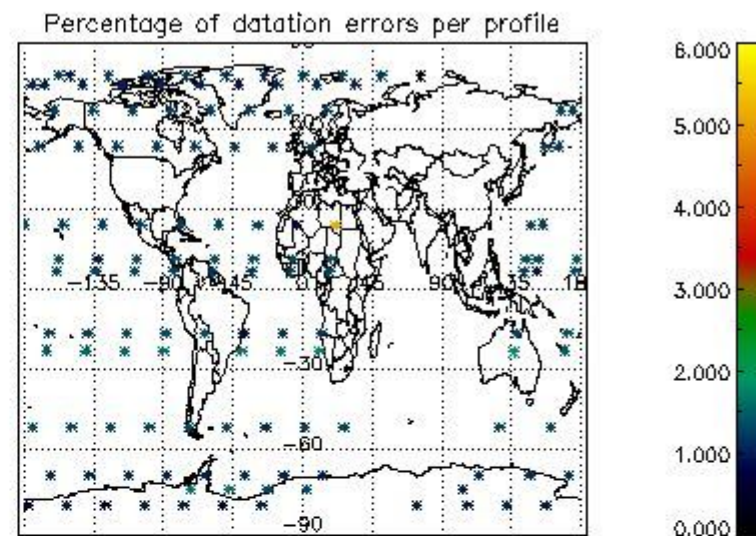
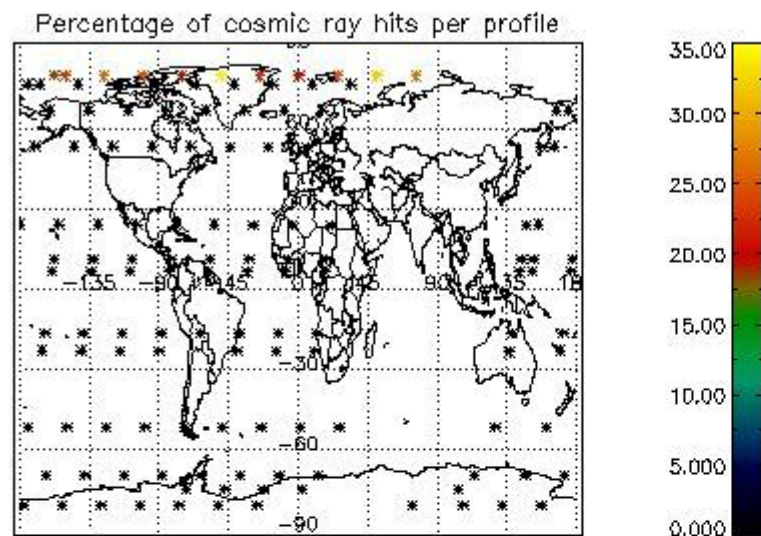


4.2 Plot quality information per product coming from level 1b processing (world map)

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

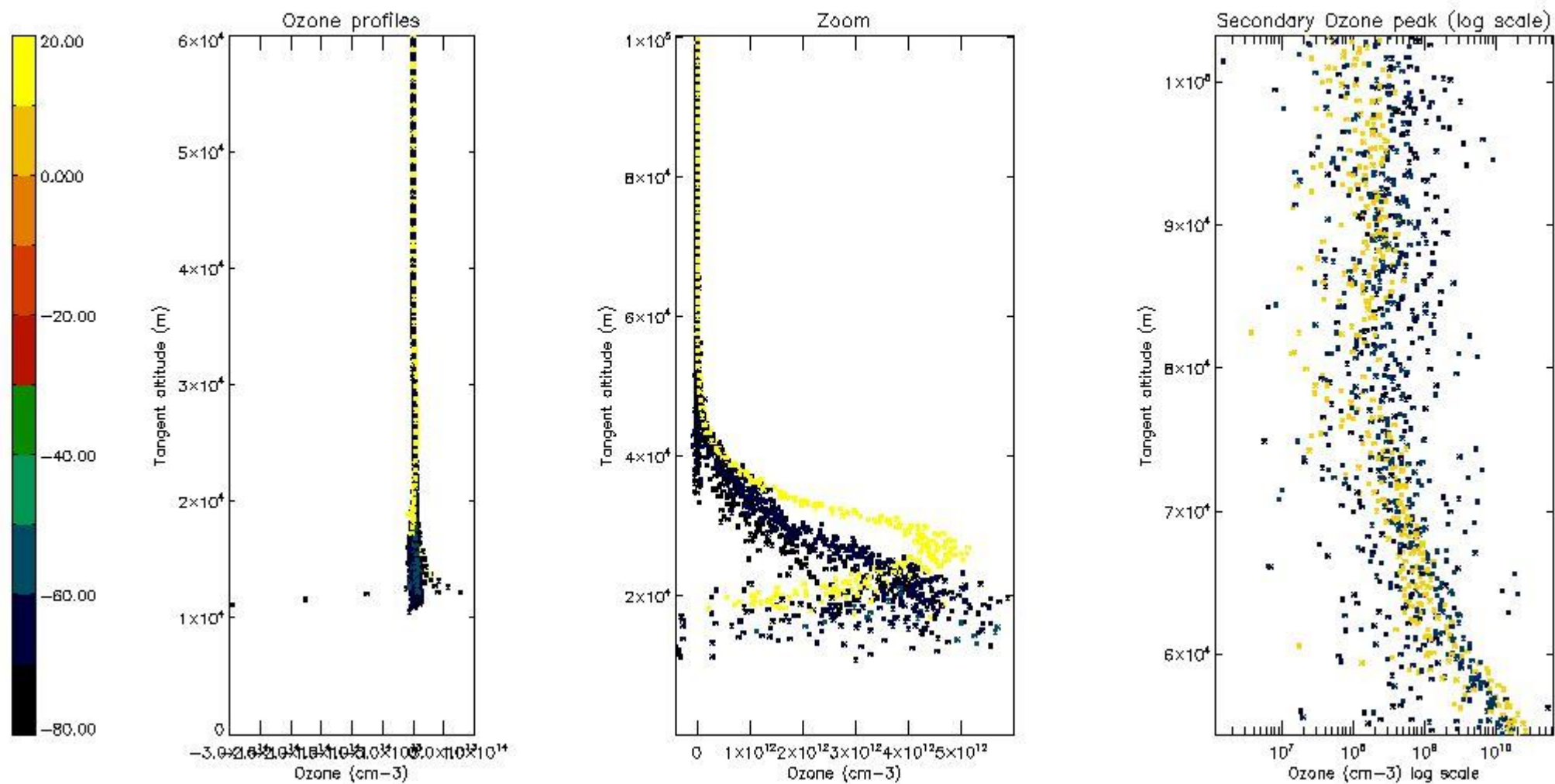
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	20
STD < 20	6

STD < 10	2
STD < 5	1

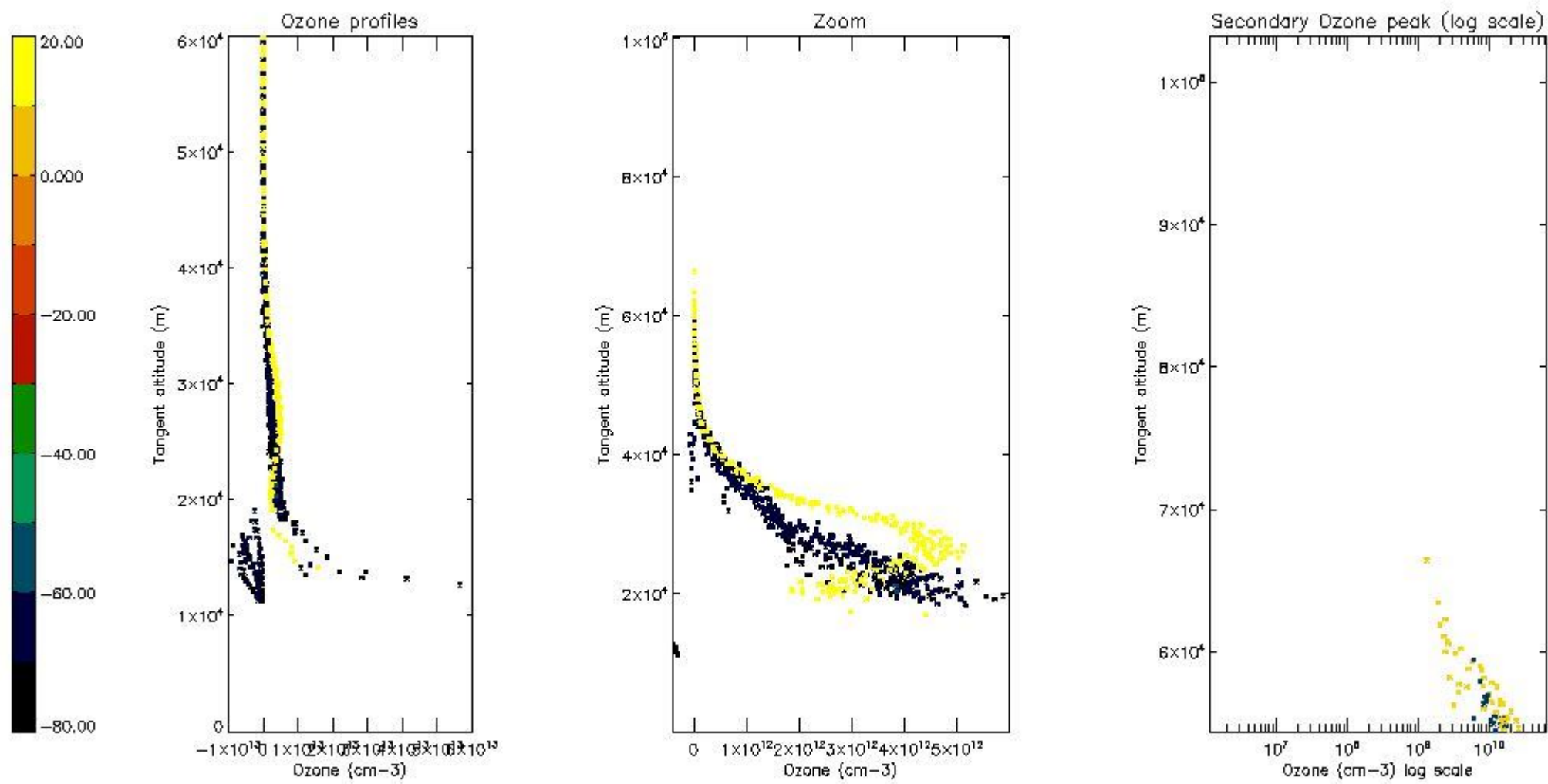
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



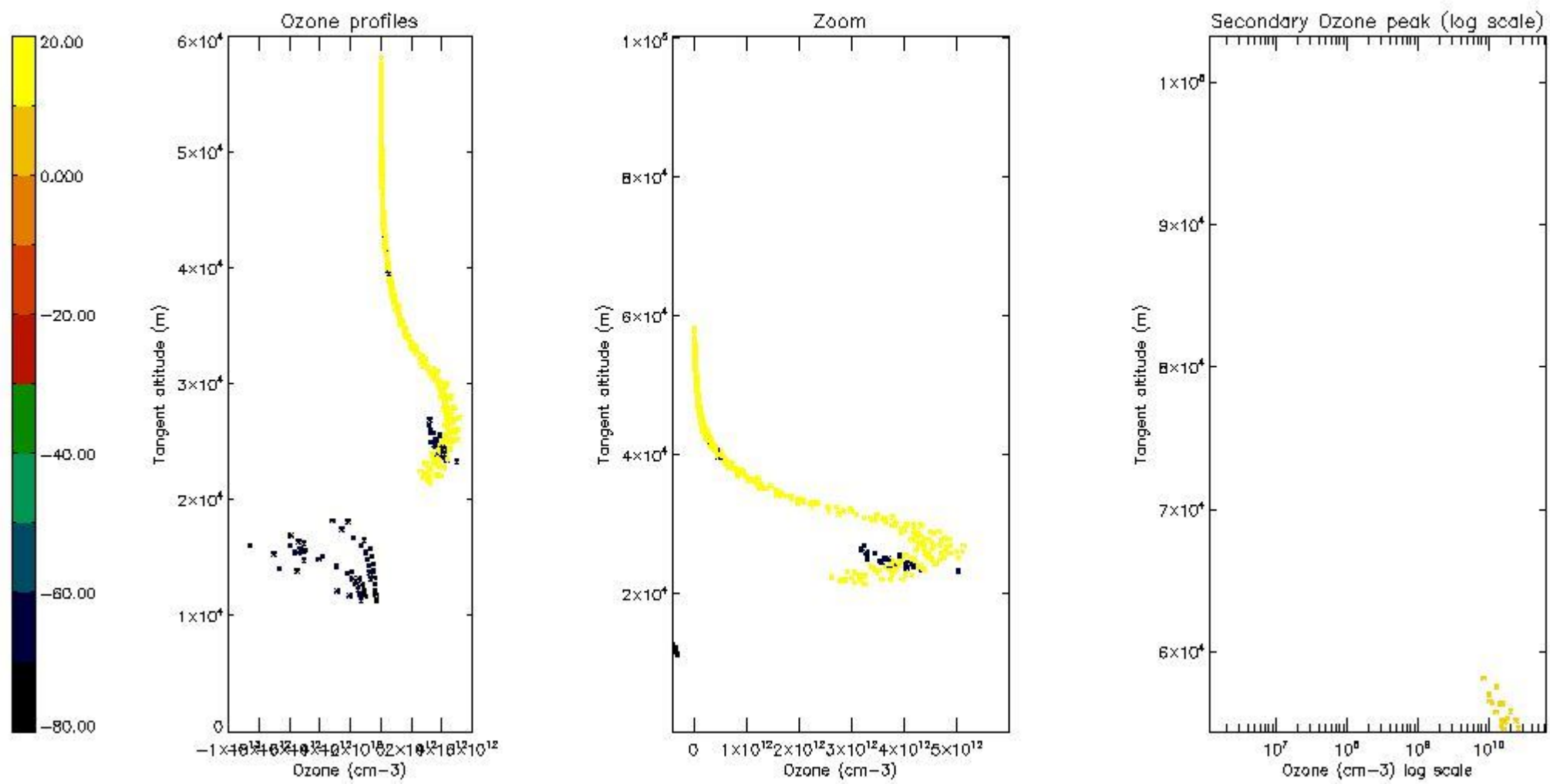
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



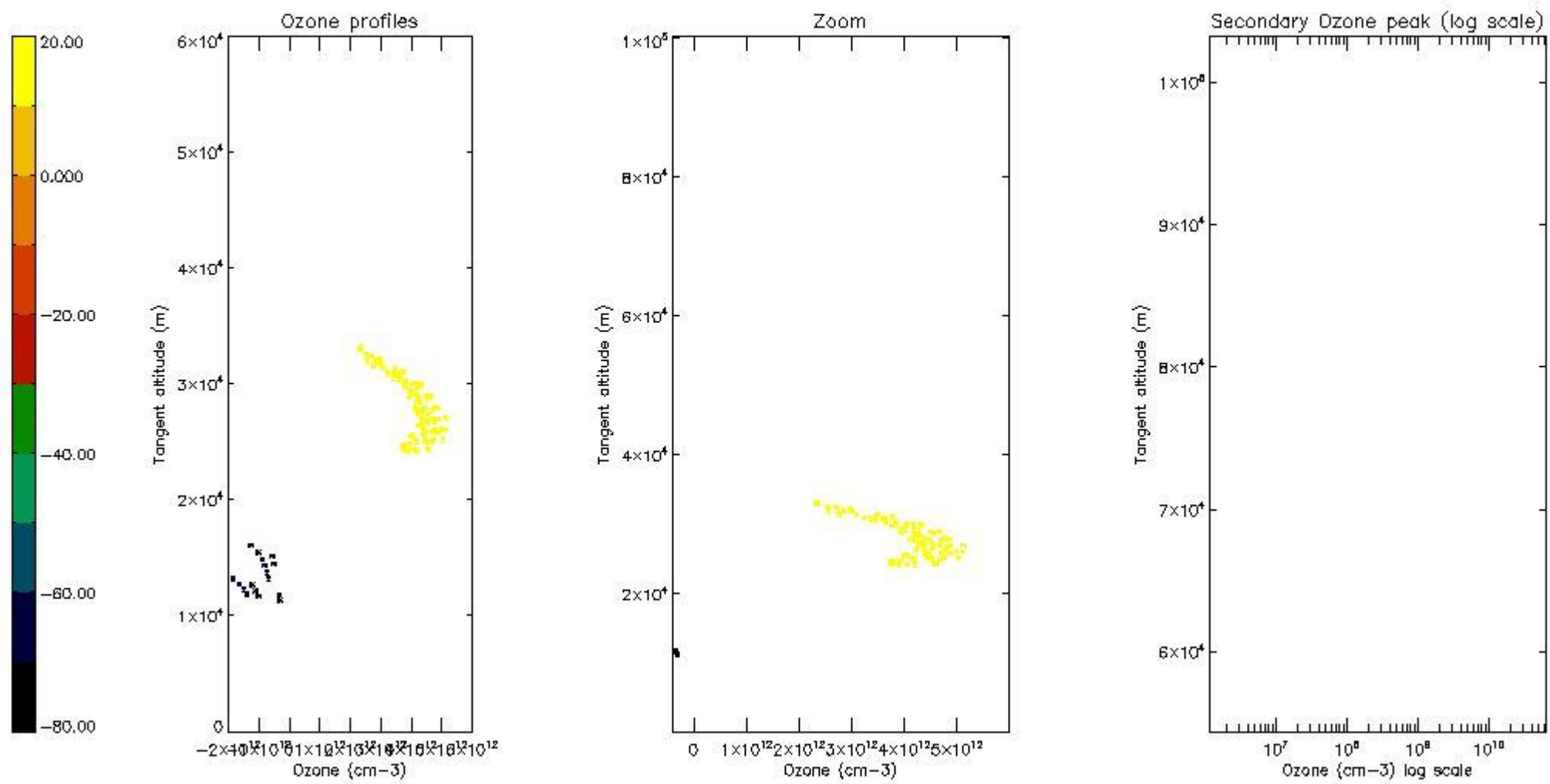
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



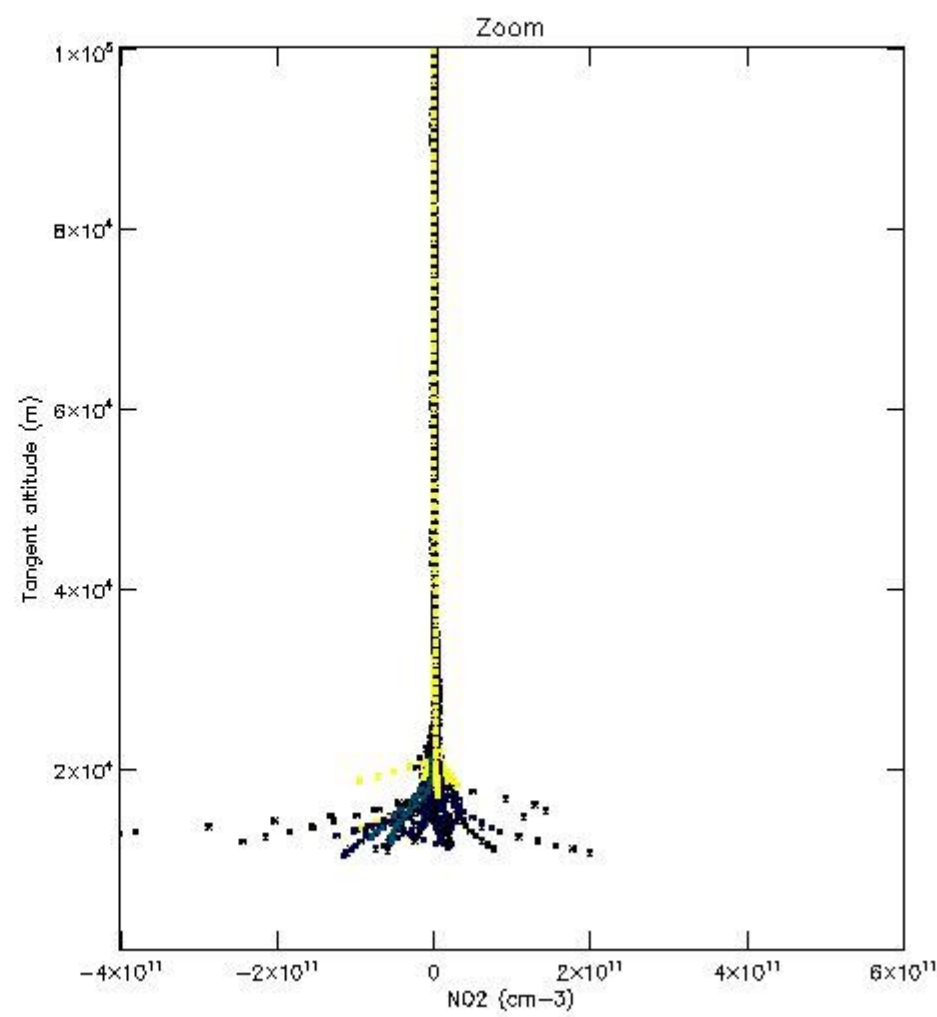
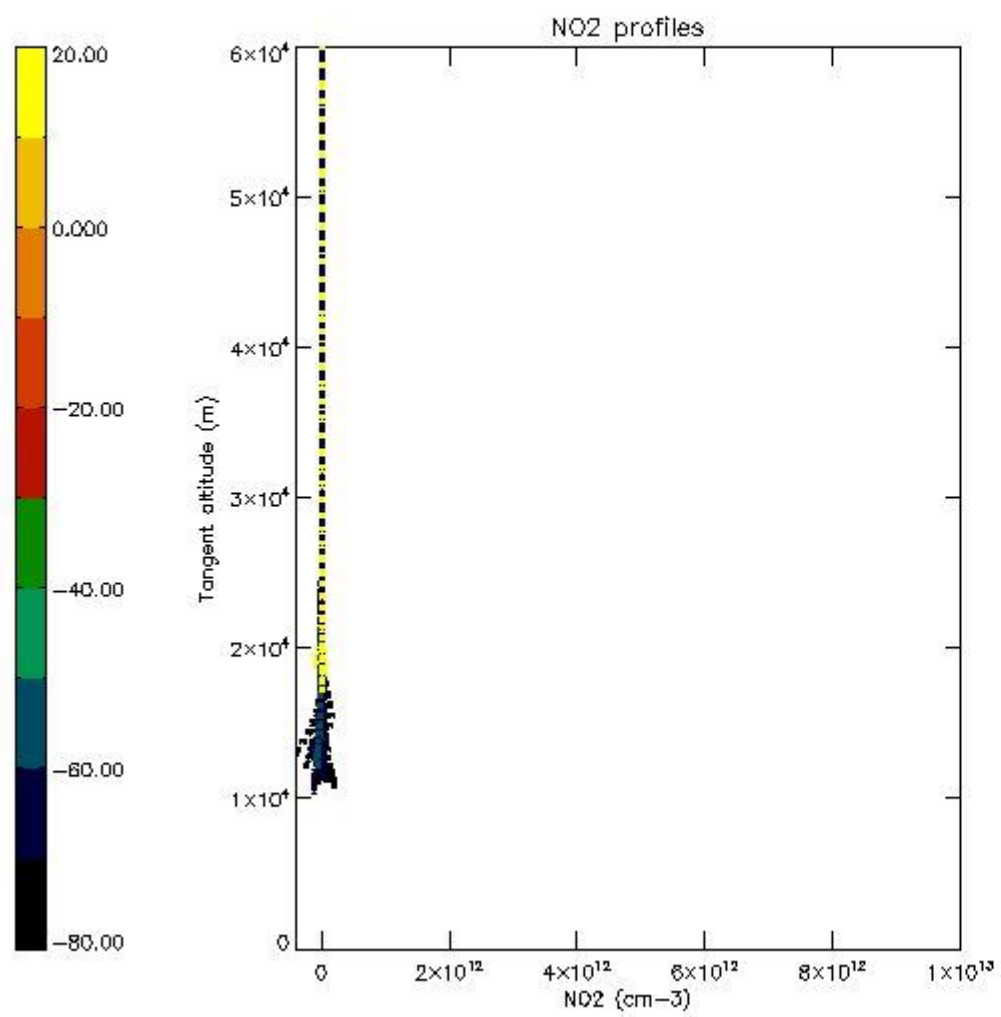
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



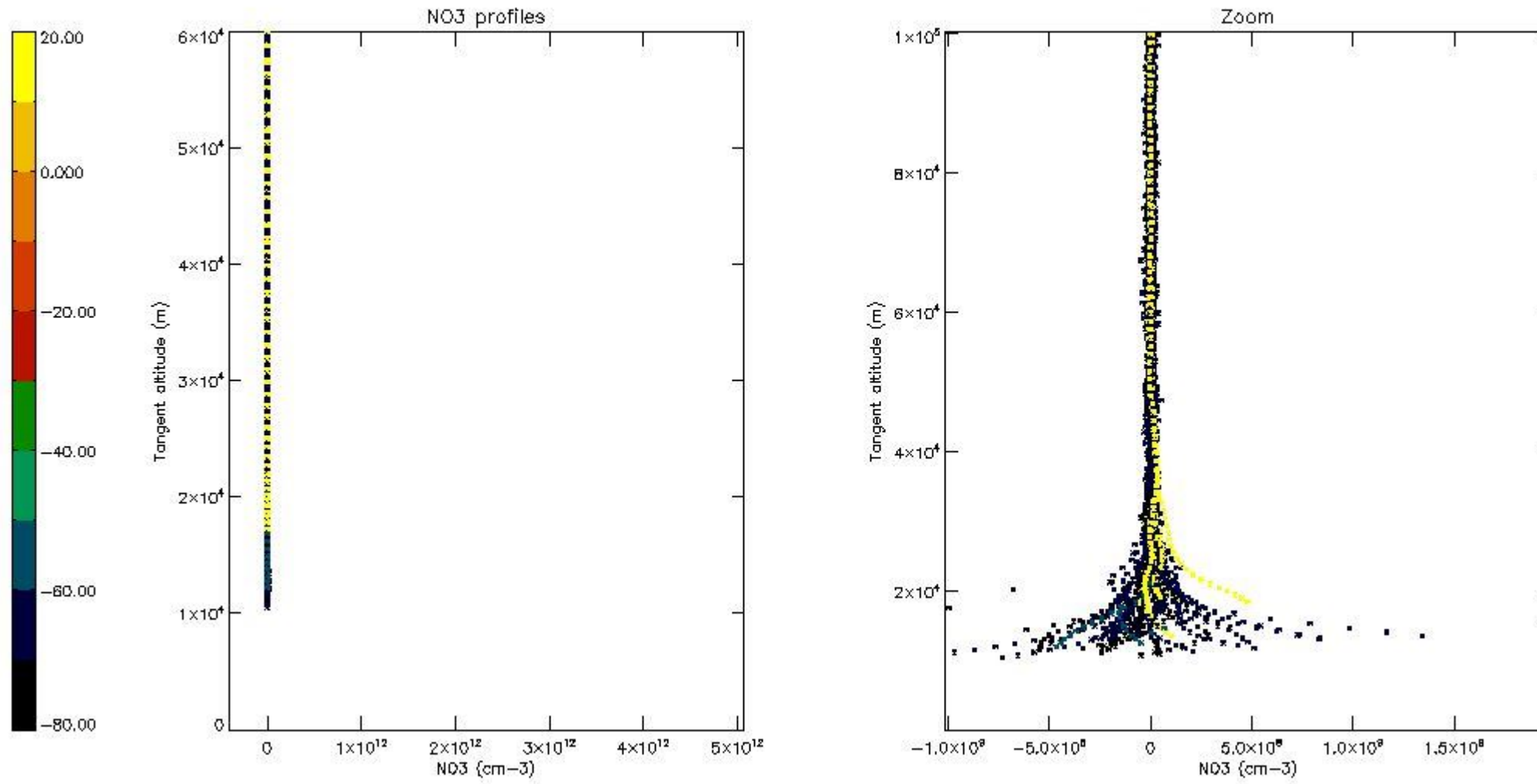
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	11-APR-2010 00:02:13
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-APR-2010 00:02:13
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-APR-2010 00:02:13

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 09:34:14
Data source version	GOMOS/6.01
Start time of products	11-04-2010 (11APR2010 00:00:00)
Stop time of products	12-04-2010 (12APR2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	227
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__2PRFIN20100411_000213_000000482088_00274_42412_3714.N1	11-APR-2010 00:02:13	Straylight	47.500	54	5The Cen	2.0550	4500.0	95	42412	No
2	GOM_NL__2PRFIN20100411_000735_000000452088_00274_42412_3715.N1	11-APR-2010 00:07:35	Twilight	45.000	106	9Bet Crv	2.6480	5600.0	90	42412	No
3	GOM_NL__2PRFIN20100411_000937_000000412088_00274_42412_3716.N1	11-APR-2010 00:09:37	Bright	41.000	163	7Del Crv	2.9450	11000.	82	42412	No
4	GOM_NL__2PRFIN20100411_001058_000000492088_00274_42412_3717.N1	11-APR-2010 00:10:58	Bright	48.500	15	67Alp Vir	0.97600	28000.	97	42412	No
5	GOM_NL__2PRFIN20100411_001403_000000402088_00274_42412_3718.N1	11-APR-2010 00:14:03	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	42412	No
6	GOM_NL__2PRFIN20100411_001804_000000422088_00274_42412_3719.N1	11-APR-2010 00:18:04	Bright	42.000	138	47Eps Vir	2.8280	4700.0	84	42412	No
7	GOM_NL__2PRFIN20100411_002620_000000402088_00274_42412_3720.N1	11-APR-2010 00:26:20	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	42412	No
8	GOM_NL__2PRFIN20100411_002953_000000362088_00274_42412_3721.N1	11-APR-2010 00:29:53	Bright	36.000	87	64Gam UMa	2.4330	11000.	72	42412	No
9	GOM_NL__2PRFIN20100411_003116_000000412088_00274_42412_3722.N1	11-APR-2010 00:31:16	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	42412	No
10	GOM_NL__2PRFIN20100411_003742_000000392088_00274_42412_3723.N1	11-APR-2010 00:37:42	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	42412	No
11	GOM_NL__2PRFIN20100411_003938_000000272088_00274_42412_3724.N1	11-APR-2010 00:39:38	Twilight	27.000	119	14Eta Dra	2.7270	4700.0	54	42412	No
12	GOM_NL__2PRFIN20100411_004738_000000402088_00274_42412_3725.N1	11-APR-2010 00:47:38	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42412	No
13	GOM_NL__2PRFIN20100411_005253_000000472088_00274_42412_3726.N1	11-APR-2010 00:52:53	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	42412	No
14	GOM_NL__2PRFIN20100411_005437_000000512088_00274_42412_3727.N1	11-APR-2010 00:54:37	Bright	51.000	66	37Gam Cyg	2.2080	5900.0	102	42412	No
15	GOM_NL__2PRFIN20100411_005658_000000512088_00274_42412_3728.N1	11-APR-2010 00:56:58	Bright	51.000	92	53Eps Cyg	2.5000	4500.0	102	42412	No
16	GOM_NL__2PRFIN20100411_010400_000000482088_00274_42412_3729.N1	11-APR-2010 01:04:00	Twilight	48.000	61	8Eps Peg	2.1000	3900.0	96	42412	No
17	GOM_NL__2PRFIN20100411_010629_000000452088_00274_42412_3730.N1	11-APR-2010 01:06:29	Dark	44.500	162	34Alp Aqr	2.9440	5350.0	89	42412	No
18	GOM_NL__2PRFIN20100411_010854_000000462088_00274_42412_3731.N1	11-APR-2010 01:08:54	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	42412	No
19	GOM_NL__2PRFIN20100411_011121_000000222088_00274_42412_3732.N1	11-APR-2010 01:11:21	Dark	21.500	142	49Del Cap	2.8500	8900.0	43	42412	No
20	GOM_NL__2PRFIN20100411_073001_000000392088_00278_42416_3746.N1	11-APR-2010 07:30:01	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	42416	No
21	GOM_NL__2PRFIN20100411_073516_000000522088_00278_42416_3747.N1	11-APR-2010 07:35:16	Bright	52.000	19	50Alp Cyg	1.2460	10500.	104	42416	No
22	GOM_NL__2PRFIN20100411_073700_000000372088_00278_42416_3748.N1	11-APR-2010 07:37:00	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	42416	No
23	GOM_NL__2PRFIN20100411_073921_000000512088_00278_42416_3749.N1	11-APR-2010 07:39:21	Bright	51.000	92	53Eps Cyg	2.5000	4500.0	102	42416	No
24	GOM_NL__2PRFIN20100411_074626_000000502088_00278_42416_3750.N1	11-APR-2010 07:46:26	Twilight	49.500	61	8Eps Peg	2.1000	3900.0	99	42416	No
25	GOM_NL__2PRFIN20100411_074854_000000462088_00278_42416_3751.N1	11-APR-2010 07:48:54	Dark	45.500	162	34Alp Aqr	2.9440	5350.0	91	42416	No
26	GOM_NL__2PRFIN20100411_075119_000000462088_00278_42416_3752.N1	11-APR-2010 07:51:19	Dark	46.000	154	22Bet Aqr	2.8990	5700.0	92	42416	No
27	GOM_NL__2PRFIN20100411_075347_000000442088_00278_42416_3753.N1	11-APR-2010 07:53:47	Dark	43.500	142	49Del Cap	2.8500	8900.0	87	42416	No
28	GOM_NL__2PRFIN20100411_081327_000000522088_00279_42417_3754.N1	11-APR-2010 08:13:27	Dark	52.000	40	The Sco	1.8590	7100.0	104	42417	No
29	GOM_NL__2PRFIN20100411_082110_000000442088_00279_42417_3755.N1	11-APR-2010 08:21:10	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42417	No
30	GOM_NL__2PRFIN20100411_082247_000000442088_00279_42417_3756.N1	11-APR-2010 08:22:47	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42417	No
31	GOM_NL__2PRFIN20100411_082515_000000462088_00279_42417_3757.N1	11-APR-2010 08:25:15	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42417	No
32	GOM_NL__2PRFIN20100411_083010_000000452088_00279_42417_3758.N1	11-APR-2010 08:30:10	Twilight	44.500	169	46Gam Hya	2.9910	4700.0	89	42417	No
33	GOM_NL__2PRFIN20100411_083238_000000422088_00279_42417_3759.N1	11-APR-2010 08:32:38	Bright	41.500	163	7Del Crv	2.9450	11000.	83	42417	No
34	GOM_NL__2PRFIN20100411_084918_000000392088_00279_42417_3760.N1	11-APR-2010 08:49:18	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42417	No
35	GOM_NL__2PRFIN20100411_085253_000000372088_00279_42417_3761.N1	11-APR-2010 08:52:53	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42417	No
36	GOM_NL__2PRFIN20100411_085414_000000392088_00279_42417_3762.N1	11-APR-2010 08:54:14	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	42417	No
37	GOM_NL__2PRFIN20100411_090040_000000412088_00279_42417_3763.N1	11-APR-2010 09:00:40	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42417	No
38	GOM_NL__2PRFIN20100411_090234_000000292088_00279_42417_3764.N1	11-APR-2010 09:02:34	Twilight	29.000	119	14Eta Dra	2.7270	4700.0	58	42417	No
39	GOM_NL__2PRFIN20100411_091037_000000402088_00279_42417_3765.N1	11-APR-2010 09:10:37	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42417	No
40	GOM_NL__2PRFIN20100411_091552_000000492088_00279_42417_3766.N1	11-APR-2010 09:15:52	Bright	48.500	19	50Alp Cyg	1.2460	10500.	97	42417	No
41	GOM_NL__2PRFIN20100411_091736_000000372088_00279_42417_3767.N1	11-APR-2010 09:17:36	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	42417	No
42	GOM_NL__2PRFIN20100411_091958_000000682088_00279_42417_3768.N1	11-APR-2010 09:19:58	Bright	68.000	92	53Eps Cyg	2.5000	4500.0	136	42417	No

43	GOM_NL__2PRFIN20100411_092702_000000522088_00279_42417_3769.N1	11-APR-2010 09:27:02	Twilight	51.500	61	8Eps Peg	2.1000	3900.0	103	42417	No
44	GOM_NL__2PRFIN20100411_092930_000000422088_00279_42417_3770.N1	11-APR-2010 09:29:30	Dark	41.500	162	34Alp Aqr	2.9440	5350.0	83	42417	No
45	GOM_NL__2PRFIN20100411_093156_000000462088_00279_42417_3771.N1	11-APR-2010 09:31:56	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	42417	No
46	GOM_NL__2PRFIN20100411_093423_000000432088_00279_42417_3772.N1	11-APR-2010 09:34:23	Dark	43.000	142	49Del Cap	2.8500	8900.0	86	42417	No
47	GOM_NL__2PRFIN20100411_095404_000000522088_00280_42418_3762.N1	11-APR-2010 09:54:04	Dark	52.000	40	The Sco	1.8590	7100.0	104	42418	No
48	GOM_NL__2PRFIN20100411_100146_000000432088_00280_42418_3763.N1	11-APR-2010 10:01:46	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42418	No
49	GOM_NL__2PRFIN20100411_100323_000000432088_00280_42418_3764.N1	11-APR-2010 10:03:23	Straylight	43.000	81	Eta Cen	2.3560	28000.	86	42418	No
50	GOM_NL__2PRFIN20100411_100551_000000462088_00280_42418_3765.N1	11-APR-2010 10:05:51	Straylight	46.000	54	5The Cen	2.0550	4500.0	92	42418	No
51	GOM_NL__2PRFIN20100411_101046_000000452088_00280_42418_3766.N1	11-APR-2010 10:10:46	Tw_i_and_stray	44.500	169	46Gam Hya	2.9910	4700.0	89	42418	No
52	GOM_NL__2PRFIN20100411_101314_000000422088_00280_42418_3767.N1	11-APR-2010 10:13:14	Bright	42.000	163	7Del Crv	2.9450	11000.	84	42418	No
53	GOM_NL__2PRFIN20100411_101434_000000482088_00280_42418_3768.N1	11-APR-2010 10:14:34	Bright	48.000	15	67Alp Vir	0.97600	28000.	96	42418	No
54	GOM_NL__2PRFIN20100411_101739_000000402088_00280_42418_3769.N1	11-APR-2010 10:17:39	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42418	No
55	GOM_NL__2PRFIN20100411_102138_000000422088_00280_42418_3770.N1	11-APR-2010 10:21:38	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42418	No
56	GOM_NL__2PRFIN20100411_102954_000000592088_00280_42418_3771.N1	11-APR-2010 10:29:54	Bright	59.000	152	12Alp2CVn	2.8900	11000.	118	42418	No
57	GOM_NL__2PRFIN20100411_103328_000000392088_00280_42418_3772.N1	11-APR-2010 10:33:28	Bright	38.500	87	64Gam UMa	2.4330	11000.	77	42418	No
58	GOM_NL__2PRFIN20100411_103449_000000402088_00280_42418_3773.N1	11-APR-2010 10:34:49	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	42418	No
59	GOM_NL__2PRFIN20100411_104116_000000442088_00280_42418_3774.N1	11-APR-2010 10:41:16	Bright	44.000	60	7Bet UMi	2.0810	3950.0	88	42418	No
60	GOM_NL__2PRFIN20100411_104309_000000302088_00280_42418_3775.N1	11-APR-2010 10:43:09	Tw_i_and_stray	30.000	119	14Eta Dra	2.7270	4700.0	60	42418	No
61	GOM_NL__2PRFIN20100411_105113_000000452088_00280_42418_3776.N1	11-APR-2010 10:51:13	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	42418	No
62	GOM_NL__2PRFIN20100411_105628_000000452088_00280_42418_3777.N1	11-APR-2010 10:56:28	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	42418	No
63	GOM_NL__2PRFIN20100411_105812_000000302088_00280_42418_3778.N1	11-APR-2010 10:58:12	Tw_i_and_stray	30.000	66	37Gam Cyg	2.2080	5900.0	60	42418	No
64	GOM_NL__2PRFIN20100411_110033_000000532088_00280_42418_3779.N1	11-APR-2010 11:00:33	Bright	53.000	92	53Eps Cyg	2.5000	4500.0	106	42418	No
65	GOM_NL__2PRFIN20100411_110738_000000472088_00280_42418_3780.N1	11-APR-2010 11:07:38	Twilight	47.000	61	8Eps Peg	2.1000	3900.0	94	42418	No
66	GOM_NL__2PRFIN20100411_111007_000000442088_00280_42418_3781.N1	11-APR-2010 11:10:07	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42418	No
67	GOM_NL__2PRFIN20100411_111232_000000492088_00280_42418_3782.N1	11-APR-2010 11:12:32	Dark	49.000	154	22Bet Aqr	2.8990	5700.0	98	42418	No
68	GOM_NL__2PRFIN20100411_111500_000000422088_00280_42418_3783.N1	11-APR-2010 11:15:00	Dark	42.000	142	49Del Cap	2.8500	8900.0	84	42418	No
69	GOM_NL__2PRFIN20100411_113441_000000522088_00281_42419_3770.N1	11-APR-2010 11:34:41	Dark	51.500	40	The Sco	1.8590	7100.0	103	42419	No
70	GOM_NL__2PRFIN20100411_114223_000000432088_00281_42419_3771.N1	11-APR-2010 11:42:23	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42419	No
71	GOM_NL__2PRFIN20100411_114359_000000452088_00281_42419_3772.N1	11-APR-2010 11:43:59	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42419	No
72	GOM_NL__2PRFIN20100411_114627_000000492088_00281_42419_3773.N1	11-APR-2010 11:46:27	Straylight	48.500	54	5The Cen	2.0550	4500.0	97	42419	No
73	GOM_NL__2PRFIN20100411_115122_000000432088_00281_42419_3774.N1	11-APR-2010 11:51:22	Tw_i_and_stray	43.000	169	46Gam Hya	2.9910	4700.0	86	42419	No
74	GOM_NL__2PRFIN20100411_115350_000000412088_00281_42419_3775.N1	11-APR-2010 11:53:50	Bright	40.500	163	7Del Crv	2.9450	11000.	81	42419	No
75	GOM_NL__2PRFIN20100411_115509_000000472088_00281_42419_3776.N1	11-APR-2010 11:55:09	Bright	46.500	15	67Alp Vir	0.97600	28000.	93	42419	No
76	GOM_NL__2PRFIN20100411_115815_000000392088_00281_42419_3777.N1	11-APR-2010 11:58:15	Bright	38.500	121	29Gam Vir	2.7400	7200.0	77	42419	No
77	GOM_NL__2PRFIN20100411_120213_000000432088_00281_42419_3778.N1	11-APR-2010 12:02:13	Bright	43.000	138	47Eps Vir	2.8280	4700.0	86	42419	No
78	GOM_NL__2PRFIN20100411_121029_000000402088_00281_42419_3779.N1	11-APR-2010 12:10:29	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	42419	No
79	GOM_NL__2PRFIN20100411_121404_000000372088_00281_42419_3780.N1	11-APR-2010 12:14:04	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	42419	No
80	GOM_NL__2PRFIN20100411_121525_000000422088_00281_42419_3781.N1	11-APR-2010 12:15:25	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	42419	No
81	GOM_NL__2PRFIN20100411_122151_000000572088_00281_42419_3782.N1	11-APR-2010 12:21:51	Bright	57.000	60	7Bet UMi	2.0810	3950.0	114	42419	No
82	GOM_NL__2PRFIN20100411_122344_000000302088_00281_42419_3783.N1	11-APR-2010 12:23:44	Tw_i_and_stray	30.000	119	14Eta Dra	2.7270	4700.0	60	42419	No
83	GOM_NL__2PRFIN20100411_123148_000000392088_00281_42419_3784.N1	11-APR-2010 12:31:48	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42419	No
84	GOM_NL__2PRFIN20100411_123704_000000502088_00281_42419_3785.N1	11-APR-2010 12:37:04	Bright	49.500	19	50Alp Cyg	1.2460	10500.	99	42419	No
85	GOM_NL__2PRFIN20100411_123848_000000302088_00281_42419_3786.N1	11-APR-2010 12:38:48	Tw_i_and_stray	30.000	66	37Gam Cyg	2.2080	5900.0	60	42419	No
86	GOM_NL__2PRFIN20100411_124110_000000512088_00281_42419_3787.N1	11-APR-2010 12:41:10	Bright	51.000	92	53Eps Cyg	2.5000	4500.0	102	42419	No
87	GOM_NL__2PRFIN20100411_124815_000000562088_00281_42419_3788.N1	11-APR-2010 12:48:15	Twilight	56.000	61	8Eps Peg	2.1000	3900.0	112	42419	No
88	GOM_NL__2PRFIN20100411_125043_000000442088_00281_42419_3789.N1	11-APR-2010 12:50:43	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42419	No
89	GOM_NL__2PRFIN20100411_125309_000000482088_00281_42419_3790.N1	11-APR-2010 12:53:09	Dark	48.000	154	22Bet Aqr	2.8990	5700.0	96	42419	No
90	GOM_NL__2PRFIN20100411_125536_000000442088_00281_42419_3791.N1	11-APR-2010 12:55:36	Dark	43.500	142	49Del Cap	2.8500	8900.0	87	42419	No
91	GOM_NL__2PRFIN20100411_131517_000000532088_00282_42420_3778.N1	11-APR-2010 13:15:17	Dark	53.000	40	The Sco	1.8590	7100.0	106	42420	No
92	GOM_NL__2PRFIN20100411_132259_000000452088_00282_42420_3779.N1	11-APR-2010 13:22:59	Straylight	45.000	78	Alp Lup	2.3040	28000.	90	42420	No
93	GOM_NL__2PRFIN20100411_132435_000000452088_00282_42420_3780.N1	11-APR-2010 13:24:35	Straylight	44.500	81	Eta Cen	2.3560	28000.	89	42420	No
94	GOM_NL__2PRFIN20100411_132703_000000512088_00282_42420_3781.N1	11-APR-2010 13:27:03	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	42420	No
95	GOM_NL__2PRFIN20100411_133158_000000462088_00282_42420_3782.N1	11-APR-2010 13:31:58	Tw_i_and_stray	46.000	169	46Gam Hya	2.9910	4700.0	92	42420	No
96	GOM_NL__2PRFIN20100411_133426_000000412088_00282_42420_3783.N1	11-APR-2010 13:34:26	Bright	41.000	163	7Del Crv	2.9450	11000.	82	42420	No
97	GOM_NL__2PRFIN20100411_133545_000000492088_00282_42420_3784.N1	11-APR-2010 13:35:45	Bright	49.000	15	67Alp Vir	0.97600	28000.	98	42420	No
98	GOM_NL__2PRFIN20100411_133851_000000412088_00282_42420_3785.N1	11-APR-2010 13:38:51	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	42420	No
99	GOM_NL__2PRFIN20100411_134249_000000422088_00282_42420_3786.N1	11-APR-2010 13:42:49	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42420	No
100	GOM_NL__2PRFIN20100411_135105_000000392088_00282_42420_3787.N1	11-APR-2010 13:51:05	Bright	39.000	152	12Alp2CVn	2.8900	11000.	78	42420	No
101	GOM_NL__2PRFIN20100411_135440_000000372088_00282_42420_3788.N1	11-APR-2010 13:54:40	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	42420	No

102	GOM_NL__2PRFIN20100411_135601_000000412088_00282_42420_3789.N1	11-APR-2010 13:56:01	Bright	41.000	32	77Eps UMa	1.7630	11000.	82	42420	No
103	GOM_NL__2PRFIN20100411_140227_000000372088_00282_42420_3790.N1	11-APR-2010 14:02:27	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	42420	No
104	GOM_NL__2PRFIN20100411_141224_000000392088_00282_42420_3791.N1	11-APR-2010 14:12:24	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	42420	No
105	GOM_NL__2PRFIN20100411_141739_000000502088_00282_42420_3792.N1	11-APR-2010 14:17:39	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	42420	No
106	GOM_NL__2PRFIN20100411_142146_000000682088_00282_42420_3793.N1	11-APR-2010 14:21:46	Bright	68.000	92	53Eps Cyg	2.5000	4500.0	136	42420	No
107	GOM_NL__2PRFIN20100411_142851_000000502088_00282_42420_3794.N1	11-APR-2010 14:28:51	Twilight	50.000	61	8Eps Peg	2.1000	3900.0	100	42420	No
108	GOM_NL__2PRFIN20100411_143119_000000442088_00282_42420_3795.N1	11-APR-2010 14:31:19	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	42420	No
109	GOM_NL__2PRFIN20100411_143345_000000462088_00282_42420_3796.N1	11-APR-2010 14:33:45	Dark	46.000	154	22Bet Aqr	2.8990	5700.0	92	42420	No
110	GOM_NL__2PRFIN20100411_143612_000000422088_00282_42420_3797.N1	11-APR-2010 14:36:12	Dark	42.000	142	49Del Cap	2.8500	8900.0	84	42420	No
111	GOM_NL__2PRFIN20100411_145555_000000582088_00283_42421_3787.N1	11-APR-2010 14:55:55	Dark	57.500	40	The Sco	1.8590	7100.0	115	42421	No
112	GOM_NL__2PRFIN20100411_150335_000000432088_00283_42421_3788.N1	11-APR-2010 15:03:35	Straylight	43.000	78	Alp Lup	2.3040	28000.	86	42421	No
113	GOM_NL__2PRFIN20100411_150512_000000432088_00283_42421_3789.N1	11-APR-2010 15:05:12	Straylight	42.500	81	Eta Cen	2.3560	28000.	85	42421	No
114	GOM_NL__2PRFIN20100411_150740_000000502088_00283_42421_3790.N1	11-APR-2010 15:07:40	Straylight	50.000	54	5The Cen	2.0550	4500.0	100	42421	No
115	GOM_NL__2PRFIN20100411_151234_000000442088_00283_42421_3791.N1	11-APR-2010 15:12:34	Tw_i_and_stray	44.000	169	46Gam Hya	2.9910	4700.0	88	42421	No
116	GOM_NL__2PRFIN20100411_151502_000000482088_00283_42421_3792.N1	11-APR-2010 15:15:02	Bright	47.500	163	7Del Crv	2.9450	11000.	95	42421	No
117	GOM_NL__2PRFIN20100411_151621_000000542088_00283_42421_3793.N1	11-APR-2010 15:16:21	Bright	53.500	15	67Alp Vir	0.97600	28000.	107	42421	No
118	GOM_NL__2PRFIN20100411_151926_000000402088_00283_42421_3794.N1	11-APR-2010 15:19:26	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42421	No
119	GOM_NL__2PRFIN20100411_152325_000000422088_00283_42421_3795.N1	11-APR-2010 15:23:25	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42421	No
120	GOM_NL__2PRFIN20100411_153140_000000412088_00283_42421_3796.N1	11-APR-2010 15:31:40	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	42421	No
121	GOM_NL__2PRFIN20100411_153516_000000372088_00283_42421_3797.N1	11-APR-2010 15:35:16	Bright	37.000	87	64Gam UMa	2.4330	11000.	74	42421	No
122	GOM_NL__2PRFIN20100411_153637_000000412088_00283_42421_3798.N1	11-APR-2010 15:36:37	Bright	40.500	32	77Eps UMa	1.7630	11000.	81	42421	No
123	GOM_NL__2PRFIN20100411_154303_000000372088_00283_42421_3799.N1	11-APR-2010 15:43:03	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	42421	No
124	GOM_NL__2PRFIN20100411_154454_000000312088_00283_42421_3800.N1	11-APR-2010 15:44:54	Tw_i_and_stray	31.000	119	14Eta Dra	2.7270	4700.0	62	42421	No
125	GOM_NL__2PRFIN20100411_155300_000000412088_00283_42421_3801.N1	11-APR-2010 15:53:00	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	42421	No
126	GOM_NL__2PRFIN20100411_155815_000000482088_00283_42421_3802.N1	11-APR-2010 15:58:15	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	42421	No
127	GOM_NL__2PRFIN20100411_160222_000000532088_00283_42421_3803.N1	11-APR-2010 16:02:22	Bright	52.500	92	53Eps Cyg	2.5000	4500.0	105	42421	No
128	GOM_NL__2PRFIN20100411_160928_000000522088_00283_42421_3804.N1	11-APR-2010 16:09:28	Twilight	51.500	61	8Eps Peg	2.1000	3900.0	103	42421	No
129	GOM_NL__2PRFIN20100411_161155_000000452088_00283_42421_3805.N1	11-APR-2010 16:11:55	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	42421	No
130	GOM_NL__2PRFIN20100411_161422_000000452088_00283_42421_3806.N1	11-APR-2010 16:14:22	Dark	44.500	154	22Bet Aqr	2.8990	5700.0	89	42421	No
131	GOM_NL__2PRFIN20100411_161649_000000412088_00283_42421_3807.N1	11-APR-2010 16:16:49	Dark	40.500	142	49Del Cap	2.8500	8900.0	81	42421	No
132	GOM_NL__2PRFIN20100411_163632_000000532088_00284_42422_3805.N1	11-APR-2010 16:36:32	Dark	53.000	40	The Sco	1.8590	7100.0	106	42422	No
133	GOM_NL__2PRFIN20100411_164412_000000452088_00284_42422_3806.N1	11-APR-2010 16:44:12	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	42422	No
134	GOM_NL__2PRFIN20100411_164548_000000442088_00284_42422_3807.N1	11-APR-2010 16:45:48	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	42422	No
135	GOM_NL__2PRFIN20100411_164816_000000502088_00284_42422_3808.N1	11-APR-2010 16:48:16	Straylight	50.000	54	5The Cen	2.0550	4500.0	100	42422	No
136	GOM_NL__2PRFIN20100411_165310_000000462088_00284_42422_3809.N1	11-APR-2010 16:53:10	Tw_i_and_stray	46.000	169	46Gam Hya	2.9910	4700.0	92	42422	No
137	GOM_NL__2PRFIN20100411_165538_000000452088_00284_42422_3810.N1	11-APR-2010 16:55:38	Bright	44.500	163	7Del Crv	2.9450	11000.	89	42422	No
138	GOM_NL__2PRFIN20100411_165657_000000492088_00284_42422_3811.N1	11-APR-2010 16:56:57	Bright	48.500	15	67Alp Vir	0.97600	28000.	97	42422	No
139	GOM_NL__2PRFIN20100411_170002_000000412088_00284_42422_3812.N1	11-APR-2010 17:00:02	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	42422	No
140	GOM_NL__2PRFIN20100411_170401_000000412088_00284_42422_3813.N1	11-APR-2010 17:04:01	Bright	41.000	138	47Eps Vir	2.8280	4700.0	82	42422	No
141	GOM_NL__2PRFIN20100411_171216_000000402088_00284_42422_3814.N1	11-APR-2010 17:12:16	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	42422	No
142	GOM_NL__2PRFIN20100411_171552_000000372088_00284_42422_3815.N1	11-APR-2010 17:15:52	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42422	No
143	GOM_NL__2PRFIN20100411_171712_000000402088_00284_42422_3816.N1	11-APR-2010 17:17:12	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	42422	No
144	GOM_NL__2PRFIN20100411_172338_000000382088_00284_42422_3817.N1	11-APR-2010 17:23:38	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	42422	No
145	GOM_NL__2PRFIN20100411_172530_000000332088_00284_42422_3818.N1	11-APR-2010 17:25:30	Tw_i_and_stray	33.000	119	14Eta Dra	2.7270	4700.0	66	42422	No
146	GOM_NL__2PRFIN20100411_173336_000000402088_00284_42422_3819.N1	11-APR-2010 17:33:36	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	42422	No
147	GOM_NL__2PRFIN20100411_173851_000000482088_00284_42422_3820.N1	11-APR-2010 17:38:51	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	42422	No
148	GOM_NL__2PRFIN20100411_174258_000000682088_00284_42422_3821.N1	11-APR-2010 17:42:58	Bright	68.000	92	53Eps Cyg	2.5000	4500.0	136	42422	No
149	GOM_NL__2PRFIN20100411_175004_000000502088_00284_42422_3822.N1	11-APR-2010 17:50:04	Twilight	49.500	61	8Eps Peg	2.1000	3900.0	99	42422	No
150	GOM_NL__2PRFIN20100411_175232_000000442088_00284_42422_3823.N1	11-APR-2010 17:52:32	Dark	43.500	162	34Alp Aqr	2.9440	5350.0	87	42422	No
151	GOM_NL__2PRFIN20100411_175458_000000482088_00284_42422_3824.N1	11-APR-2010 17:54:58	Dark	47.500	154	22Bet Aqr	2.8990	5700.0	95	42422	No
152	GOM_NL__2PRFIN20100411_175725_000000412088_00284_42422_3825.N1	11-APR-2010 17:57:25	Dark	40.500	142	49Del Cap	2.8500	8900.0	81	42422	No
153	GOM_NL__2PRFIN20100411_181709_000000532088_00285_42423_3813.N1	11-APR-2010 18:17:09	Dark	52.500	40	The Sco	1.8590	7100.0	105	42423	No
154	GOM_NL__2PRFIN20100411_182449_000000442088_00285_42423_3814.N1	11-APR-2010 18:24:49	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42423	No
155	GOM_NL__2PRFIN20100411_182625_000000462088_00285_42423_3815.N1	11-APR-2010 18:26:25	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	42423	No
156	GOM_NL__2PRFIN20100411_182853_000000502088_00285_42423_3816.N1	11-APR-2010 18:28:53	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	42423	No
157	GOM_NL__2PRFIN20100411_183347_000000472088_00285_42423_3817.N1	11-APR-2010 18:33:47	Tw_i_and_stray	47.000	169	46Gam Hya	2.9910	4700.0	94	42423	No
158	GOM_NL__2PRFIN20100411_183614_000000422088_00285_42423_3818.N1	11-APR-2010 18:36:14	Bright	41.500	163	7Del Crv	2.9450	11000.	83	42423	No
159	GOM_NL__2PRFIN20100411_183733_000000492088_00285_42423_3819.N1	11-APR-2010 18:37:33	Bright	49.000	15	67Alp Vir	0.97600	28000.	98	42423	No
160	GOM_NL__2PRFIN20100411_184039_000000402088_00285_42423_3820.N1	11-APR-2010 18:40:39	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42423	No

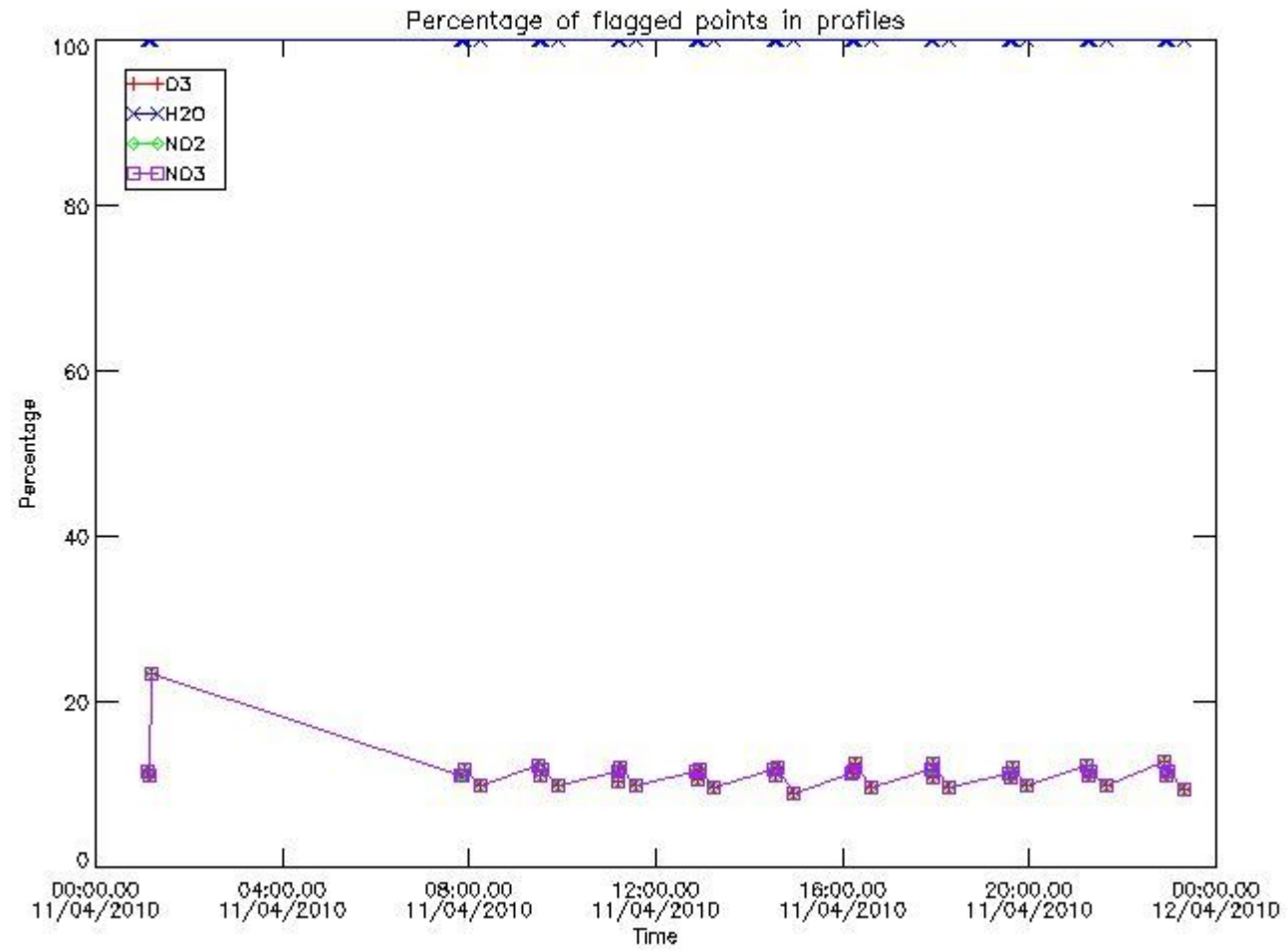
161	GOM_NL__2PRFIN20100411_184436_000000422088_00285_42423_3821.N1	11-APR-2010 18:44:36	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42423	No
162	GOM_NL__2PRFIN20100411_185251_000000412088_00285_42423_3822.N1	11-APR-2010 18:52:51	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	42423	No
163	GOM_NL__2PRFIN20100411_185628_000000502088_00285_42423_3823.N1	11-APR-2010 18:56:28	Bright	49.500	87	64Gam UMa	2.4330	11000.	99	42423	No
164	GOM_NL__2PRFIN20100411_185748_000000402088_00285_42423_3824.N1	11-APR-2010 18:57:48	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	42423	No
165	GOM_NL__2PRFIN20100411_190414_000000412088_00285_42423_3825.N1	11-APR-2010 19:04:14	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	42423	No
166	GOM_NL__2PRFIN20100411_190605_000000332088_00285_42423_3826.N1	11-APR-2010 19:06:05	Twilight	33.000	119	14Eta Dra	2.7270	4700.0	66	42423	No
167	GOM_NL__2PRFIN20100411_191412_000000372088_00285_42423_3827.N1	11-APR-2010 19:14:12	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	42423	No
168	GOM_NL__2PRFIN20100411_191927_000000482088_00285_42423_3828.N1	11-APR-2010 19:19:27	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	42423	No
169	GOM_NL__2PRFIN20100411_192334_000000522088_00285_42423_3829.N1	11-APR-2010 19:23:34	Bright	52.000	92	53Eps Cyg	2.5000	4500.0	104	42423	No
170	GOM_NL__2PRFIN20100411_193040_000000492088_00285_42423_3830.N1	11-APR-2010 19:30:40	Twilight	49.000	61	8Eps Peg	2.1000	3900.0	98	42423	No
171	GOM_NL__2PRFIN20100411_193308_000000452088_00285_42423_3831.N1	11-APR-2010 19:33:08	Dark	45.000	162	34Alp Aqr	2.9440	5350.0	90	42423	No
172	GOM_NL__2PRFIN20100411_193535_000000482088_00285_42423_3832.N1	11-APR-2010 19:35:35	Dark	47.500	154	22Bet Aqr	2.8990	5700.0	95	42423	No
173	GOM_NL__2PRFIN20100411_193802_000000432088_00285_42423_3833.N1	11-APR-2010 19:38:02	Dark	42.500	142	49Del Cap	2.8500	8900.0	85	42423	No
174	GOM_NL__2PRFIN20100411_195746_000000512088_00286_42424_3821.N1	11-APR-2010 19:57:46	Dark	50.500	40	The Sco	1.8590	7100.0	101	42424	No
175	GOM_NL__2PRFIN20100411_200525_000000452088_00286_42424_3822.N1	11-APR-2010 20:05:25	Straylight	44.500	78	Alp Lup	2.3040	28000.	89	42424	No
176	GOM_NL__2PRFIN20100411_200701_000000472088_00286_42424_3823.N1	11-APR-2010 20:07:01	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	42424	No
177	GOM_NL__2PRFIN20100411_200929_000000502088_00286_42424_3824.N1	11-APR-2010 20:09:29	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	42424	No
178	GOM_NL__2PRFIN20100411_201422_000000452088_00286_42424_3825.N1	11-APR-2010 20:14:22	Twilight	44.500	169	46Gam Hya	2.9910	4700.0	89	42424	No
179	GOM_NL__2PRFIN20100411_201650_000000442088_00286_42424_3826.N1	11-APR-2010 20:16:50	Bright	44.000	163	7Del Crv	2.9450	11000.	88	42424	No
180	GOM_NL__2PRFIN20100411_201809_000000492088_00286_42424_3827.N1	11-APR-2010 20:18:09	Bright	49.000	15	67Alp Vir	0.97600	28000.	98	42424	No
181	GOM_NL__2PRFIN20100411_202114_000000402088_00286_42424_3828.N1	11-APR-2010 20:21:14	Bright	39.500	121	29Gam Vir	2.7400	7200.0	79	42424	No
182	GOM_NL__2PRFIN20100411_202512_000000422088_00286_42424_3829.N1	11-APR-2010 20:25:12	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42424	No
183	GOM_NL__2PRFIN20100411_203327_000000412088_00286_42424_3830.N1	11-APR-2010 20:33:27	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	42424	No
184	GOM_NL__2PRFIN20100411_203704_000000362088_00286_42424_3831.N1	11-APR-2010 20:37:04	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	42424	No
185	GOM_NL__2PRFIN20100411_203824_000000382088_00286_42424_3832.N1	11-APR-2010 20:38:24	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	42424	No
186	GOM_NL__2PRFIN20100411_204450_000000412088_00286_42424_3833.N1	11-APR-2010 20:44:50	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	42424	No
187	GOM_NL__2PRFIN20100411_204640_000000342088_00286_42424_3834.N1	11-APR-2010 20:46:40	Twilight	34.000	119	14Eta Dra	2.7270	4700.0	68	42424	No
188	GOM_NL__2PRFIN20100411_205448_000000372088_00286_42424_3835.N1	11-APR-2010 20:54:48	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	42424	No
189	GOM_NL__2PRFIN20100411_210003_000000442088_00286_42424_3836.N1	11-APR-2010 21:00:03	Bright	44.000	19	50Alp Cyg	1.2460	10500.	88	42424	No
190	GOM_NL__2PRFIN20100411_210410_000000502088_00286_42424_3837.N1	11-APR-2010 21:04:10	Bright	50.000	92	53Eps Cyg	2.5000	4500.0	100	42424	No
191	GOM_NL__2PRFIN20100411_211116_000000512088_00286_42424_3838.N1	11-APR-2010 21:11:16	Twilight	51.000	61	8Eps Peg	2.1000	3900.0	102	42424	No
192	GOM_NL__2PRFIN20100411_211345_000000422088_00286_42424_3839.N1	11-APR-2010 21:13:45	Dark	41.500	162	34Alp Aqr	2.9440	5350.0	83	42424	No
193	GOM_NL__2PRFIN20100411_211611_000000462088_00286_42424_3840.N1	11-APR-2010 21:16:11	Dark	45.500	154	22Bet Aqr	2.8990	5700.0	91	42424	No
194	GOM_NL__2PRFIN20100411_211838_000000442088_00286_42424_3841.N1	11-APR-2010 21:18:38	Dark	44.000	142	49Del Cap	2.8500	8900.0	88	42424	No
195	GOM_NL__2PRFIN20100411_213823_000000522088_00287_42425_3849.N1	11-APR-2010 21:38:23	Dark	52.000	40	The Sco	1.8590	7100.0	104	42425	No
196	GOM_NL__2PRFIN20100411_214601_000000442088_00287_42425_3850.N1	11-APR-2010 21:46:01	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42425	No
197	GOM_NL__2PRFIN20100411_214738_000000472088_00287_42425_3851.N1	11-APR-2010 21:47:38	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	42425	No
198	GOM_NL__2PRFIN20100411_215005_000000502088_00287_42425_3852.N1	11-APR-2010 21:50:05	Straylight	50.000	54	5The Cen	2.0550	4500.0	100	42425	No
199	GOM_NL__2PRFIN20100411_215459_000000442088_00287_42425_3853.N1	11-APR-2010 21:54:59	Twilight	44.000	169	46Gam Hya	2.9910	4700.0	88	42425	No
200	GOM_NL__2PRFIN20100411_215726_000000412088_00287_42425_3854.N1	11-APR-2010 21:57:26	Bright	40.500	163	7Del Crv	2.9450	11000.	81	42425	No
201	GOM_NL__2PRFIN20100411_215845_000000512088_00287_42425_3855.N1	11-APR-2010 21:58:45	Bright	51.000	15	67Alp Vir	0.97600	28000.	102	42425	No
202	GOM_NL__2PRFIN20100411_220150_000000402088_00287_42425_3856.N1	11-APR-2010 22:01:50	Bright	40.000	121	29Gam Vir	2.7400	7200.0	80	42425	No
203	GOM_NL__2PRFIN20100411_220548_000000422088_00287_42425_3857.N1	11-APR-2010 22:05:48	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42425	No
204	GOM_NL__2PRFIN20100411_221402_000000392088_00287_42425_3858.N1	11-APR-2010 22:14:02	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	42425	No
205	GOM_NL__2PRFIN20100411_221739_000000362088_00287_42425_3859.N1	11-APR-2010 22:17:39	Bright	35.500	87	64Gam UMa	2.4330	11000.	71	42425	No
206	GOM_NL__2PRFIN20100411_221859_000000392088_00287_42425_3860.N1	11-APR-2010 22:18:59	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	42425	No
207	GOM_NL__2PRFIN20100411_222525_000000362088_00287_42425_3861.N1	11-APR-2010 22:25:25	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	42425	No
208	GOM_NL__2PRFIN20100411_222715_000000342088_00287_42425_3862.N1	11-APR-2010 22:27:15	Twilight	34.000	119	14Eta Dra	2.7270	4700.0	68	42425	No
209	GOM_NL__2PRFIN20100411_223523_000000382088_00287_42425_3863.N1	11-APR-2010 22:35:23	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	42425	No
210	GOM_NL__2PRFIN20100411_224039_000000442088_00287_42425_3864.N1	11-APR-2010 22:40:39	Bright	44.000	19	50Alp Cyg	1.2460	10500.	88	42425	No
211	GOM_NL__2PRFIN20100411_224446_000000532088_00287_42425_3865.N1	11-APR-2010 22:44:46	Bright	52.500	92	53Eps Cyg	2.5000	4500.0	105	42425	No
212	GOM_NL__2PRFIN20100411_225153_000000492088_00287_42425_3866.N1	11-APR-2010 22:51:53	Twilight	49.000	61	8Eps Peg	2.1000	3900.0	98	42425	No
213	GOM_NL__2PRFIN20100411_225421_000000442088_00287_42425_3867.N1	11-APR-2010 22:54:21	Dark	44.000	162	34Alp Aqr	2.9440	5350.0	88	42425	No
214	GOM_NL__2PRFIN20100411_225648_000000462088_00287_42425_3868.N1	11-APR-2010 22:56:48	Dark	46.000	154	22Bet Aqr	2.8990	5700.0	92	42425	No
215	GOM_NL__2PRFIN20100411_225914_000000452088_00287_42425_3869.N1	11-APR-2010 22:59:14	Dark	44.500	142	49Del Cap	2.8500	8900.0	89	42425	No
216	GOM_NL__2PRFIN20100411_231900_000000542088_00288_42426_3857.N1	11-APR-2010 23:19:00	Dark	54.000	40	The Sco	1.8590	7100.0	108	42426	No
217	GOM_NL__2PRFIN20100411_232638_000000442088_00288_42426_3858.N1	11-APR-2010 23:26:38	Straylight	43.500	78	Alp Lup	2.3040	28000.	87	42426	No
218	GOM_NL__2PRFIN20100411_232814_000000462088_00288_42426_3859.N1	11-APR-2010 23:28:14	Straylight	46.000	81	Eta Cen	2.3560	28000.	92	42426	No
219	GOM_NL__2PRFIN20100411_233041_000000562088_00288_42426_3860.N1	11-APR-2010 23:30:41	Straylight	56.000	54	5The Cen	2.0550	4500.0	112	42426	No

220	GOM_NL__2PRFIN20100411_233535_000000452088_00288_42426_3861.N1	11-APR-2010 23:35:35	Twilight_stray	45.000	169	46Gam Hya	2.9910	4700.0	90	42426	No
221	GOM_NL__2PRFIN20100411_233802_000000522088_00288_42426_3862.N1	11-APR-2010 23:38:02	Bright	52.000	163	7Del Crv	2.9450	11000.	104	42426	No
222	GOM_NL__2PRFIN20100411_233921_000000512088_00288_42426_3863.N1	11-APR-2010 23:39:21	Bright	50.500	15	67Alp Vir	0.97600	28000.	101	42426	No
223	GOM_NL__2PRFIN20100411_234226_000000412088_00288_42426_3864.N1	11-APR-2010 23:42:26	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	42426	No
224	GOM_NL__2PRFIN20100411_234623_000000422088_00288_42426_3865.N1	11-APR-2010 23:46:23	Bright	41.500	138	47Eps Vir	2.8280	4700.0	83	42426	No
225	GOM_NL__2PRFIN20100411_235438_000000402088_00288_42426_3866.N1	11-APR-2010 23:54:38	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	42426	No
226	GOM_NL__2PRFIN20100411_235815_000000372088_00288_42426_3867.N1	11-APR-2010 23:58:15	Bright	36.500	87	64Gam UMa	2.4330	11000.	73	42426	No
227	GOM_NL__2PRFIN20100411_235934_000000562088_00288_42426_3868.N1	11-APR-2010 23:59:34	Bright	56.000	32	77Eps UMa	1.7630	11000.	112	42426	No

3. Quality information per product

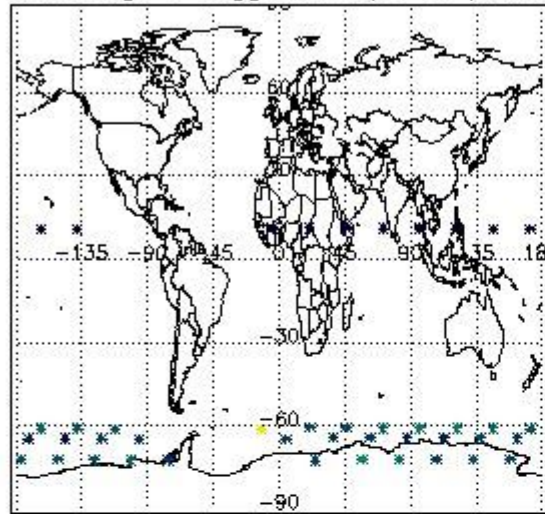
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

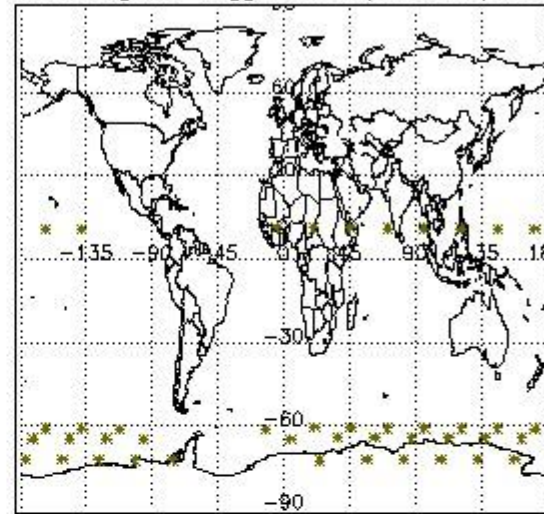


3.2 Plot quality information per product (world map)

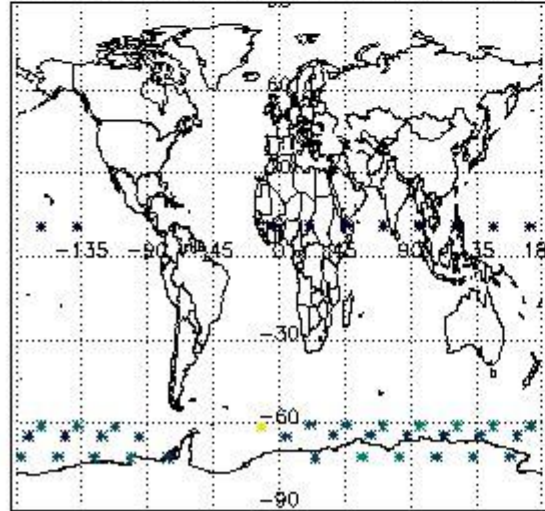
Percentage of flagged data per O3 profile



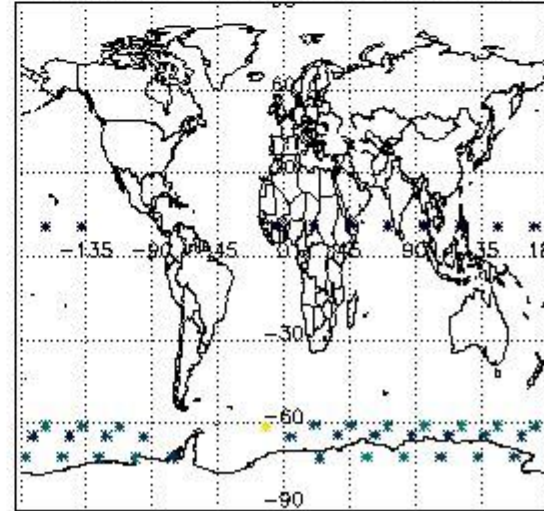
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

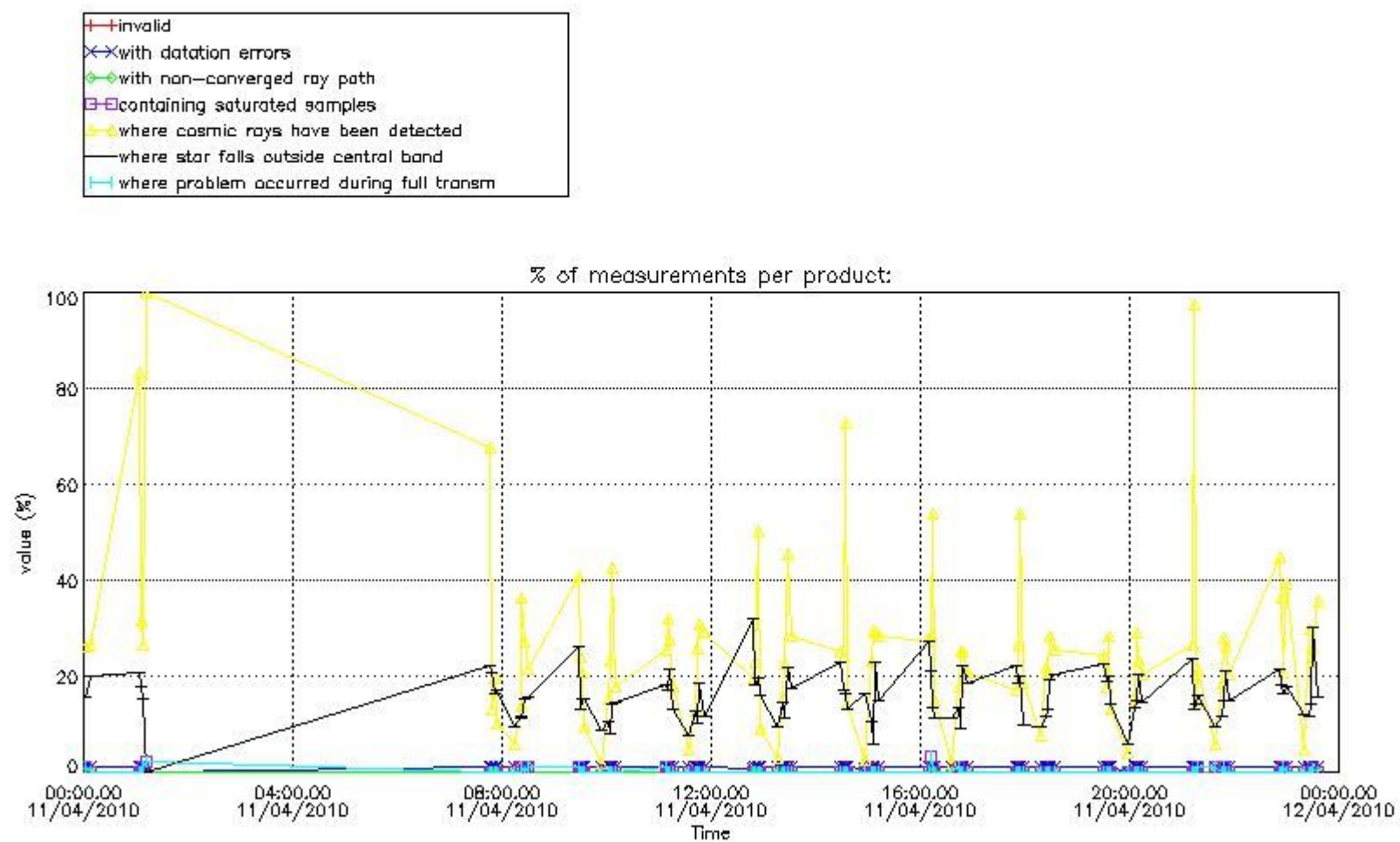


4. Level 1 quality information per product

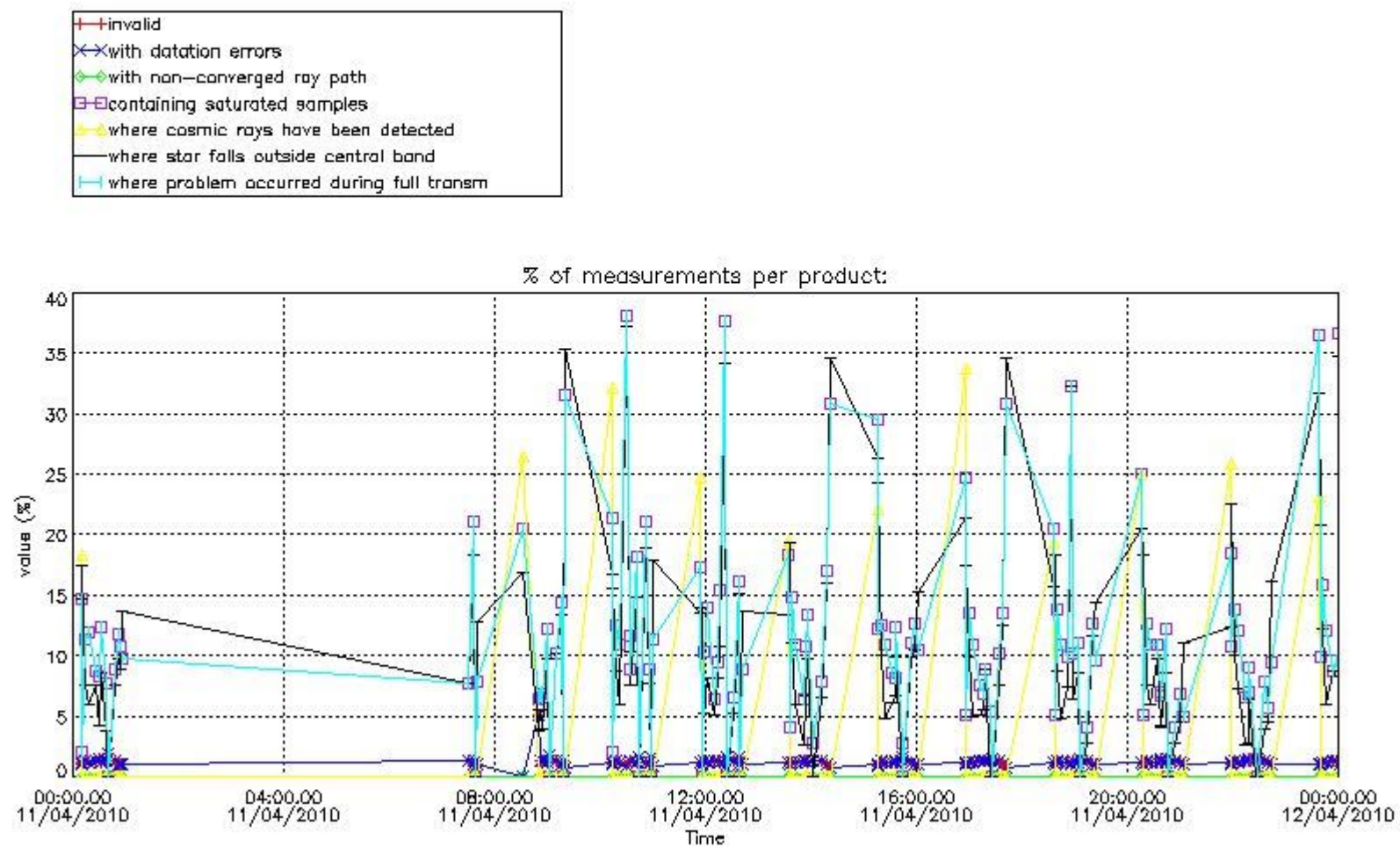
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

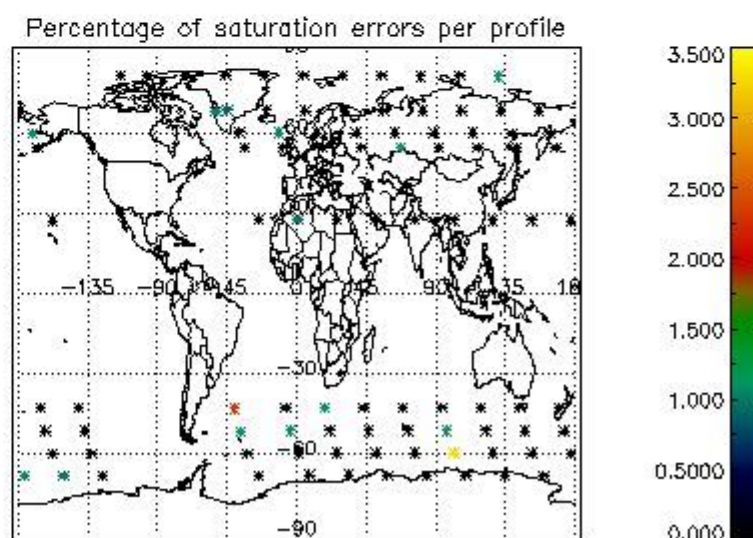
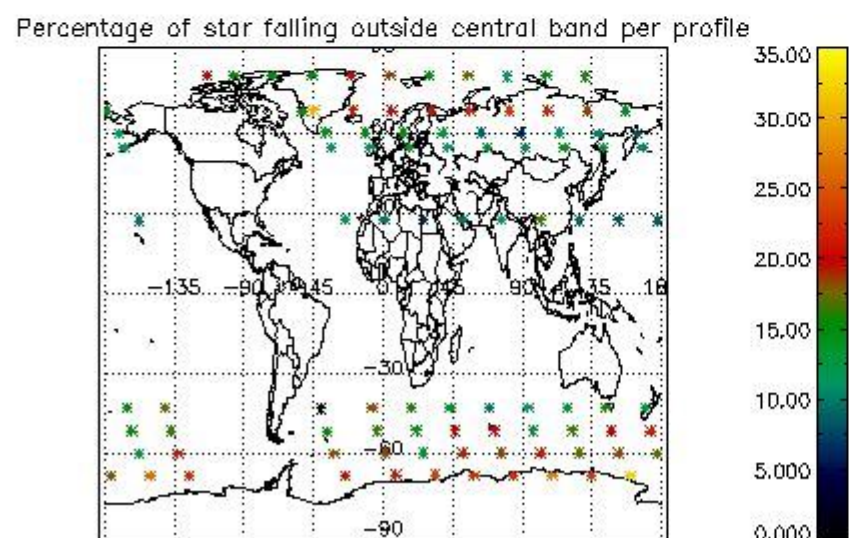
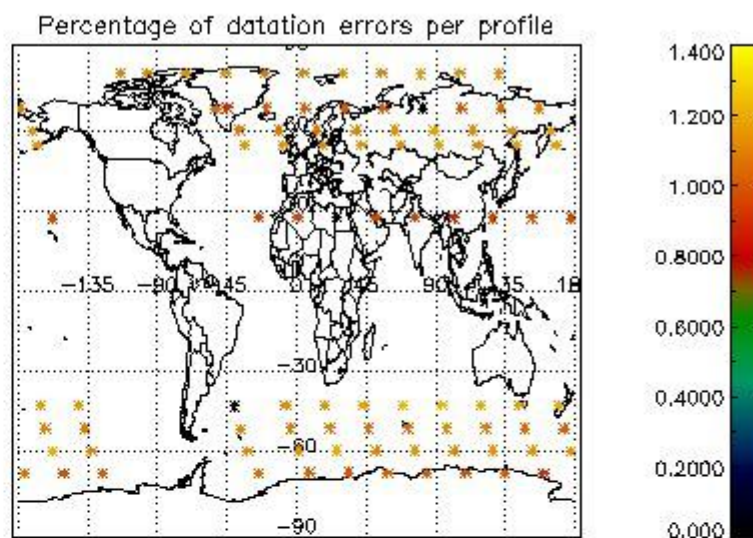
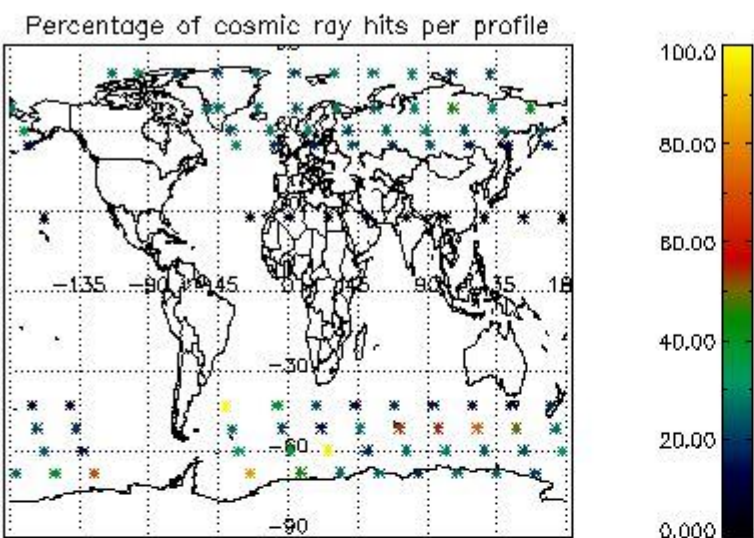


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

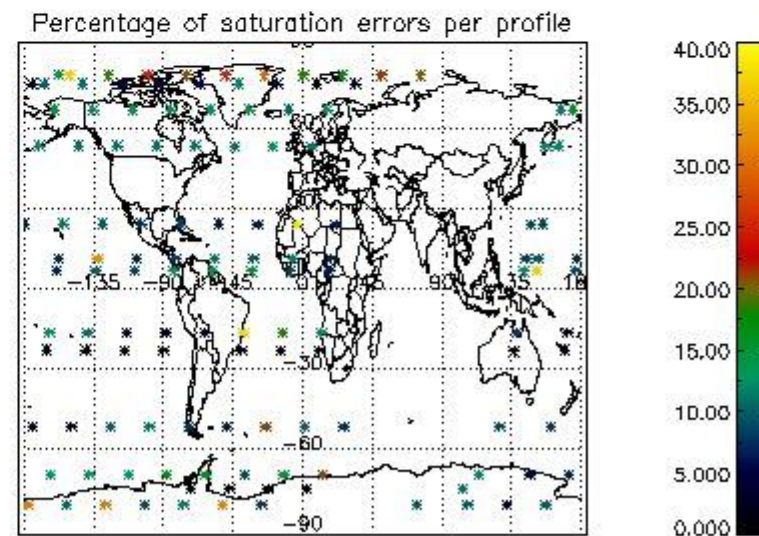
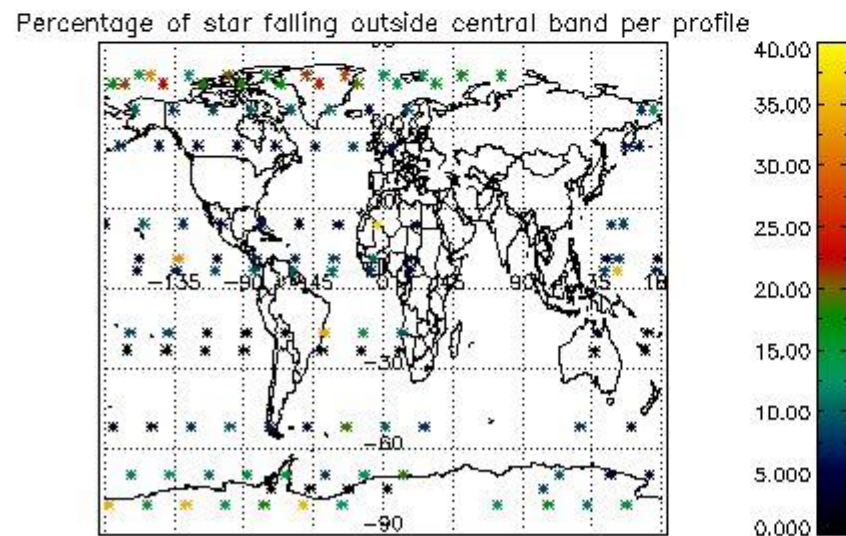
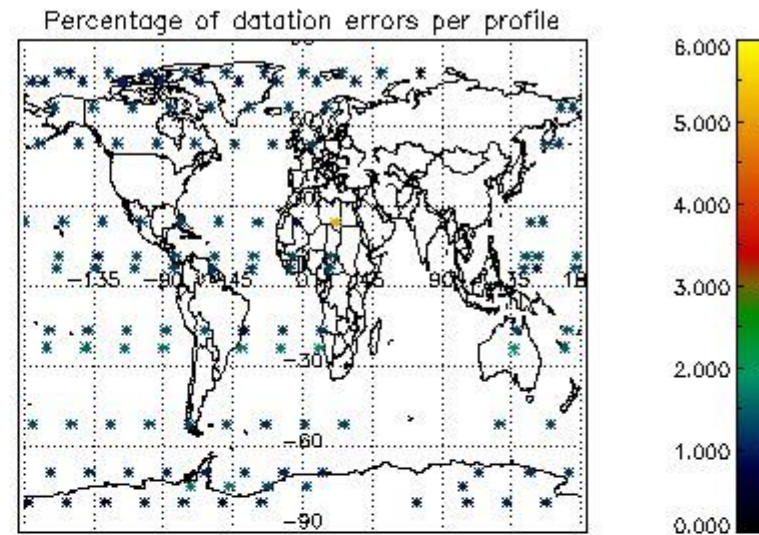
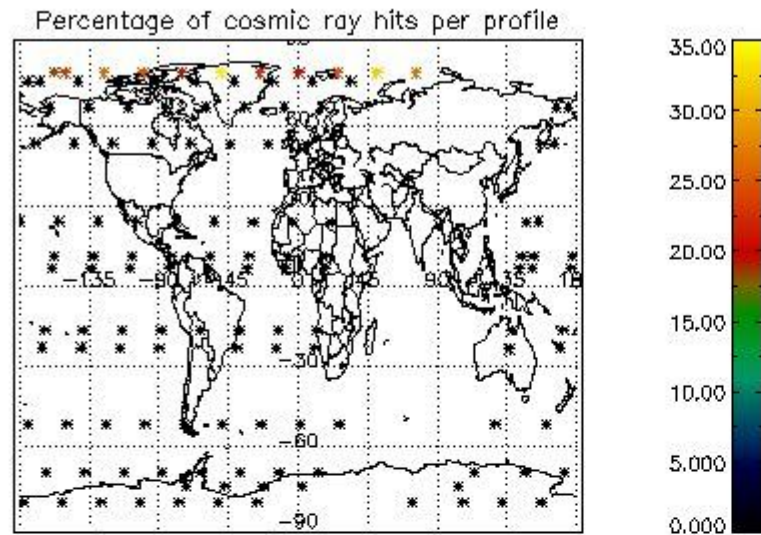


4.2 Plot quality information per product coming from level 1b processing (world map)

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

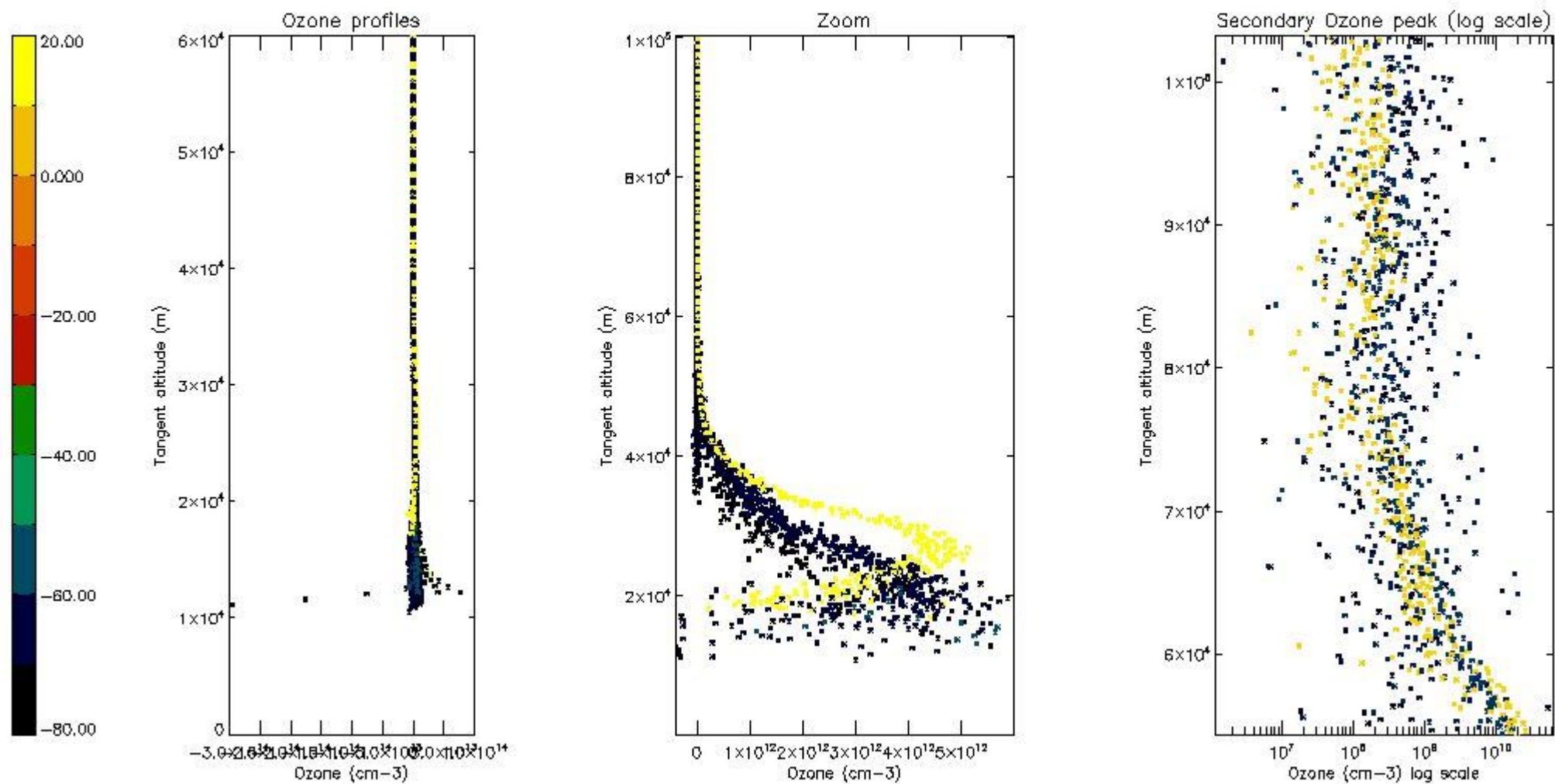
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	20
STD < 20	6

STD < 10	2
STD < 5	1

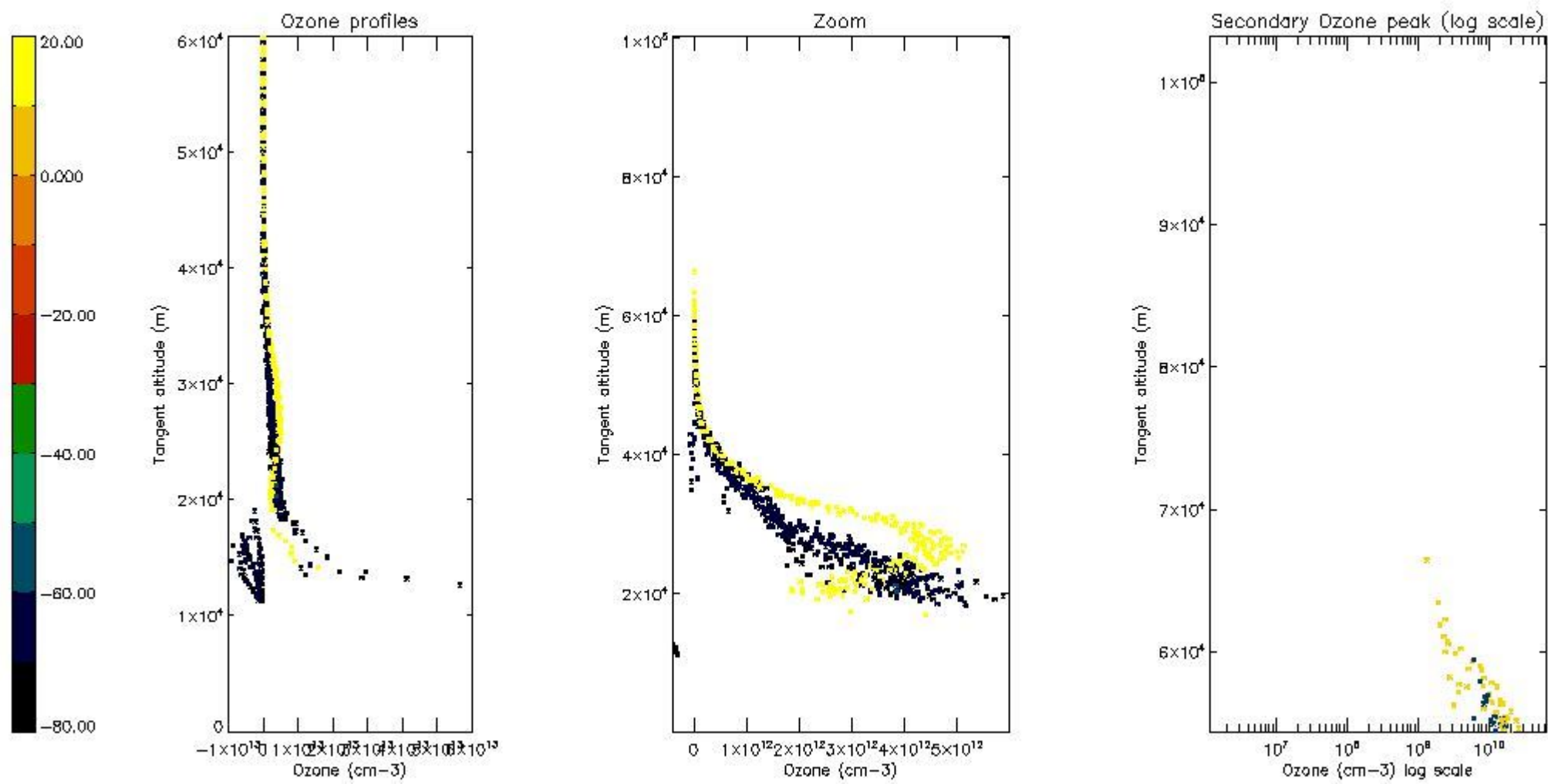
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



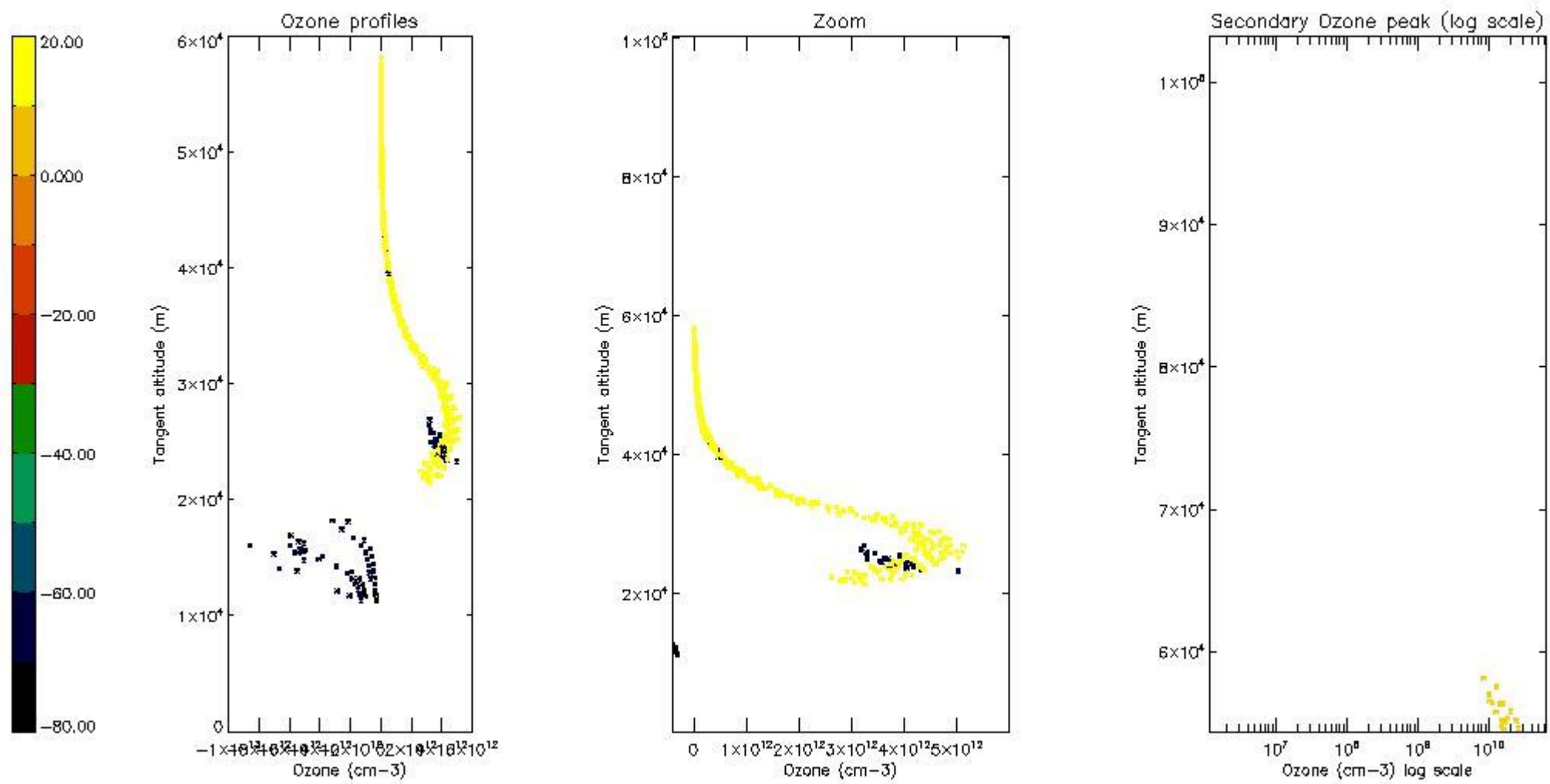
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



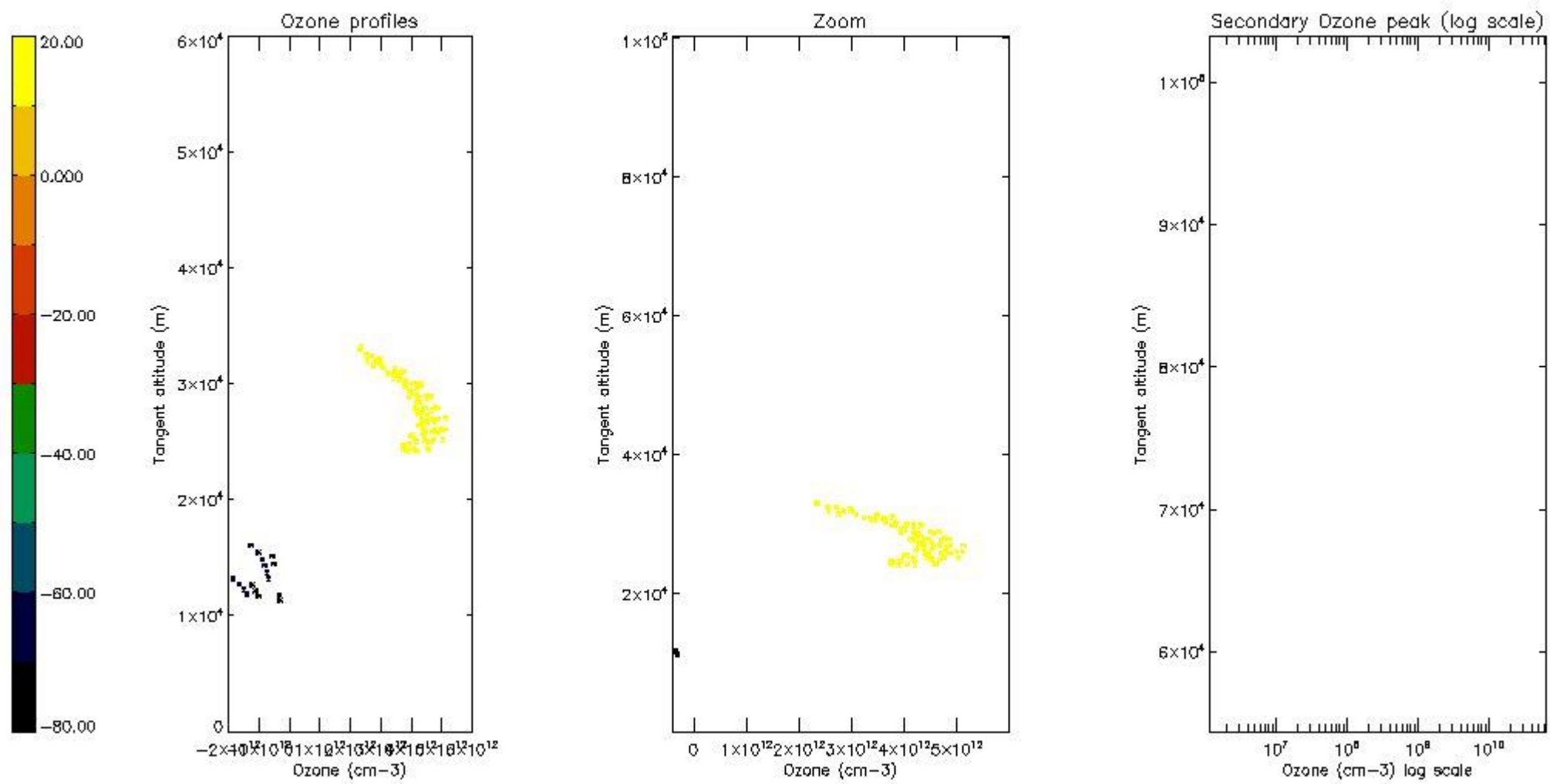
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



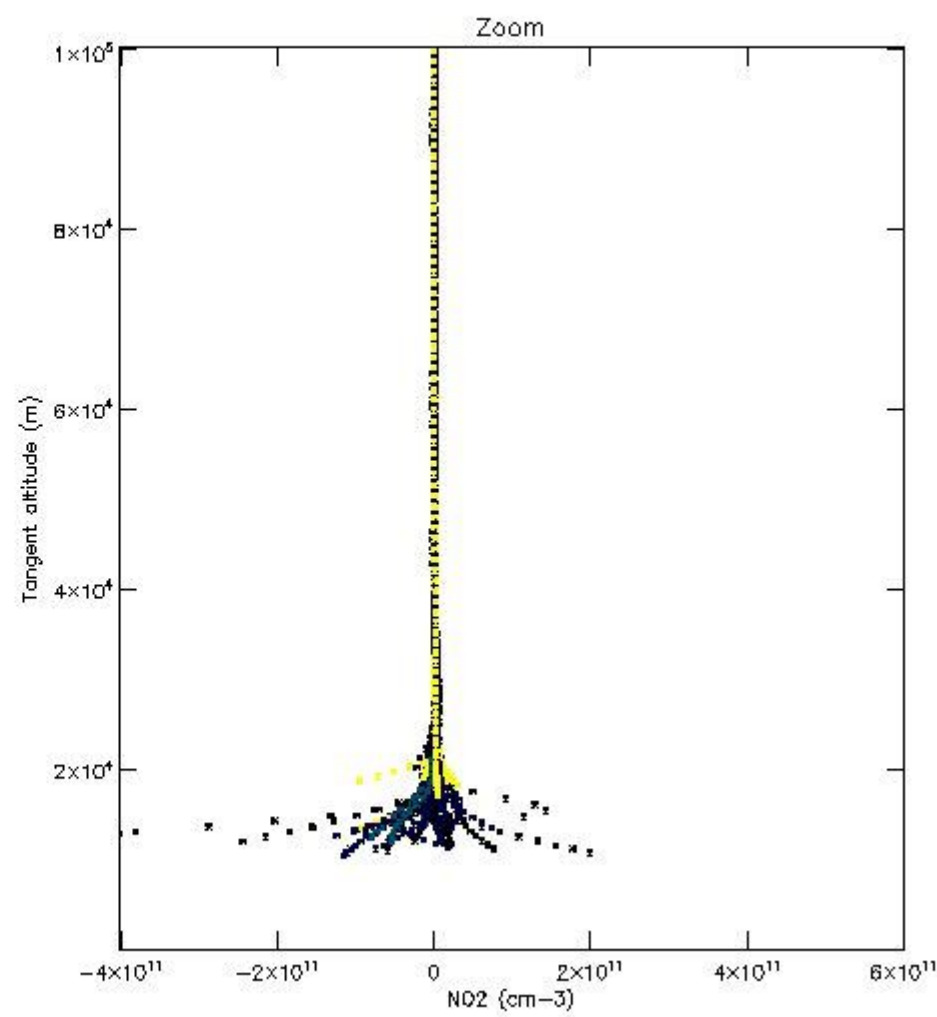
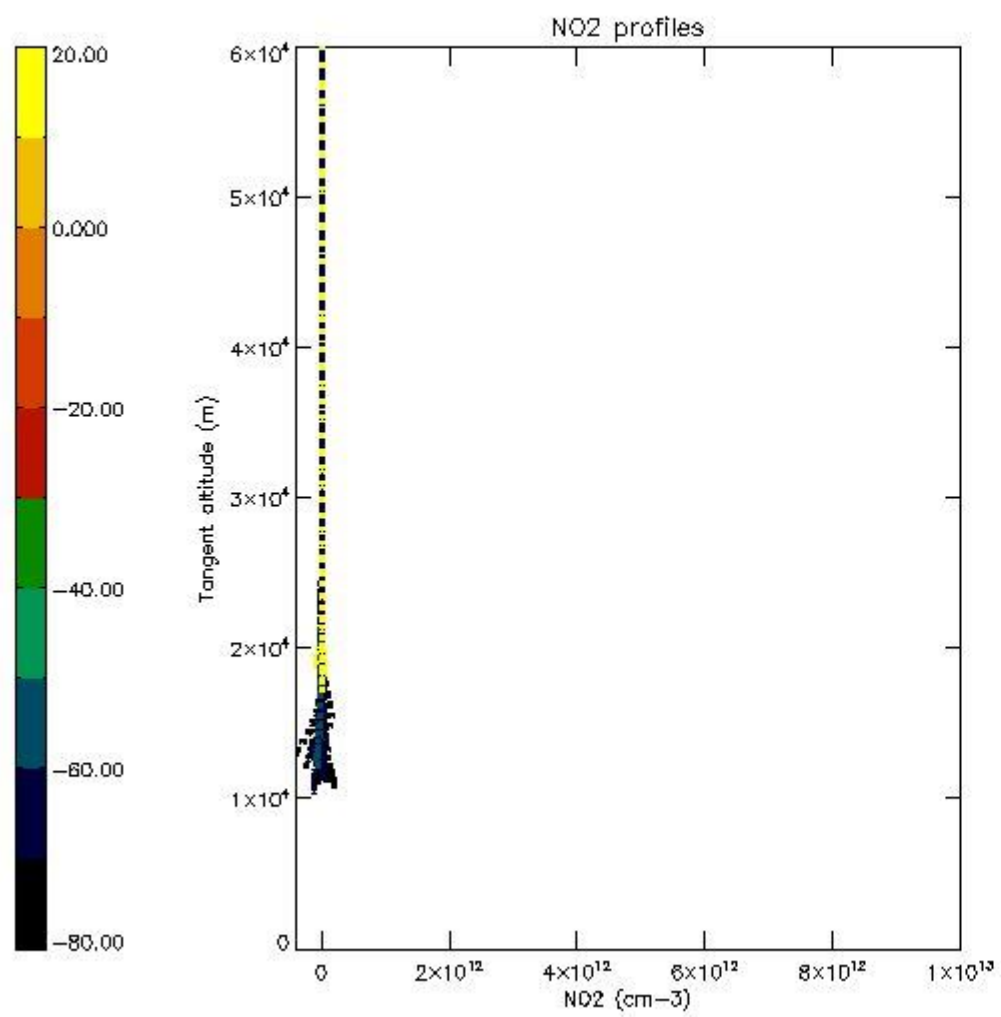
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



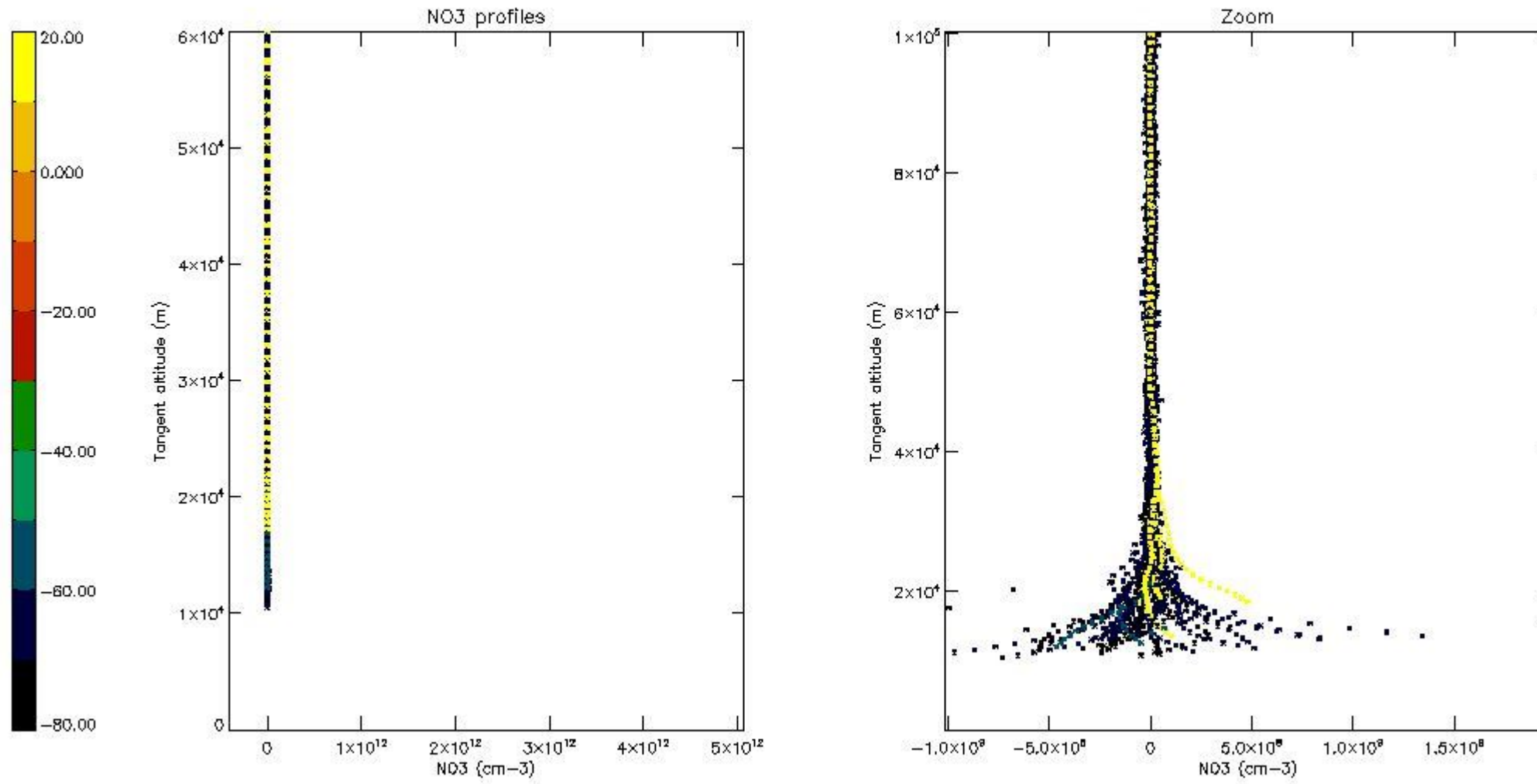
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

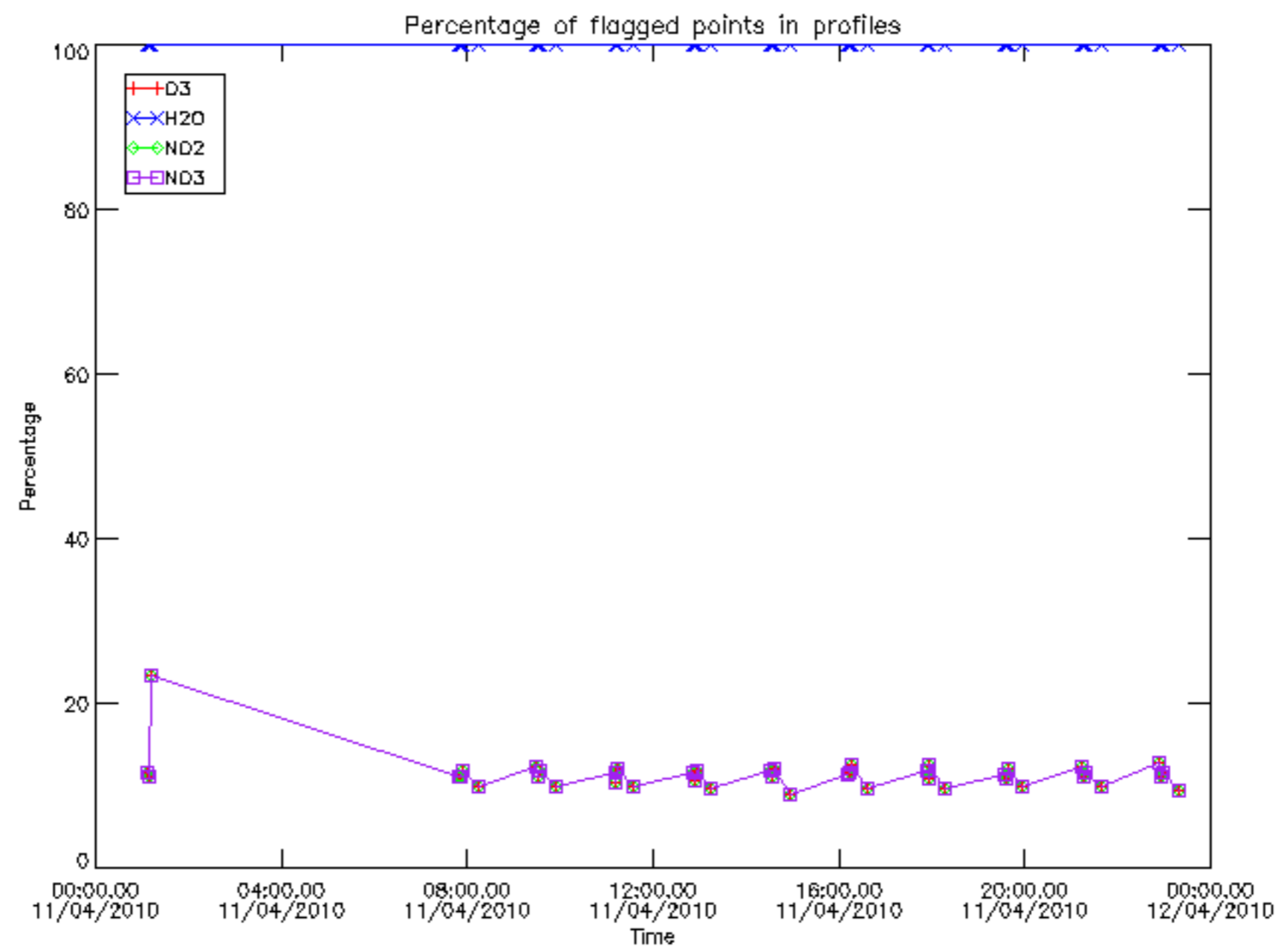
The colorbar represents the latitude.



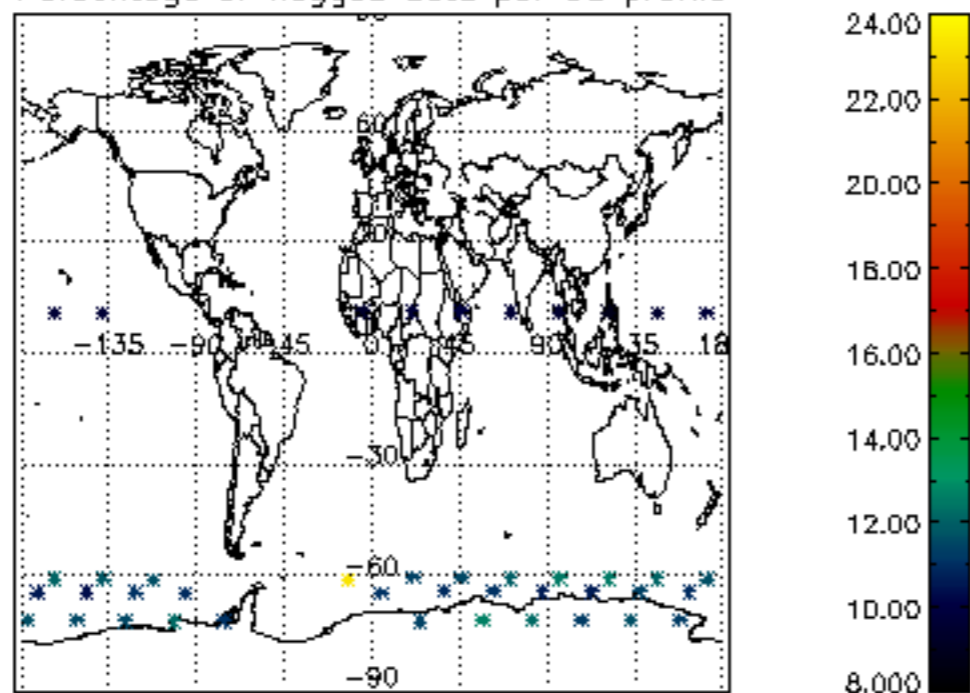
6. Auxiliary Data Files used for the production reported in section 2

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

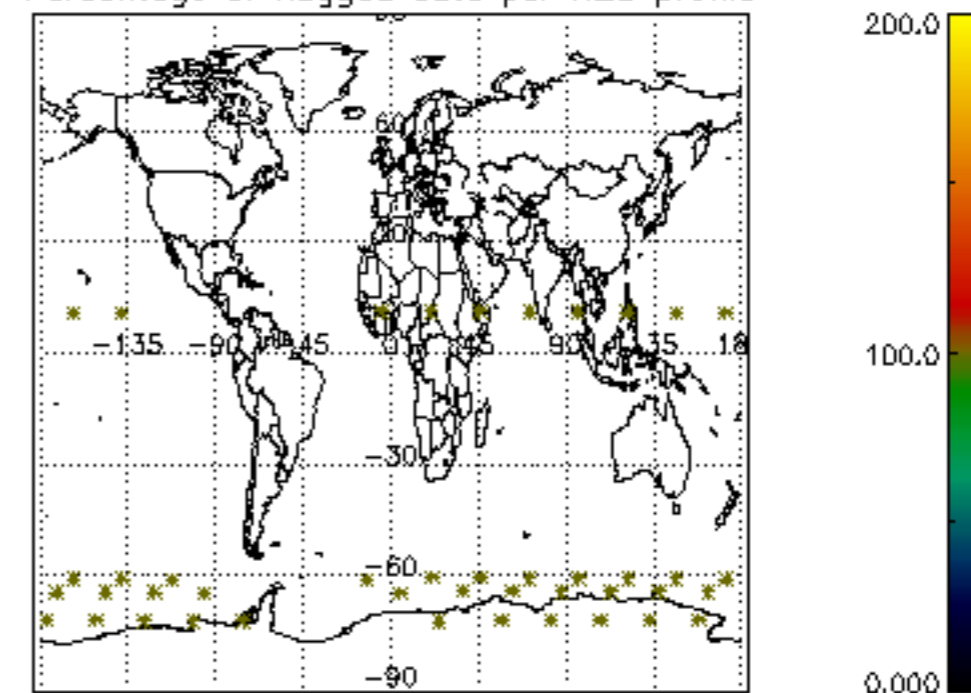
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	11-APR-2010 00:02:13
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-APR-2010 00:02:13
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-APR-2010 00:02:13



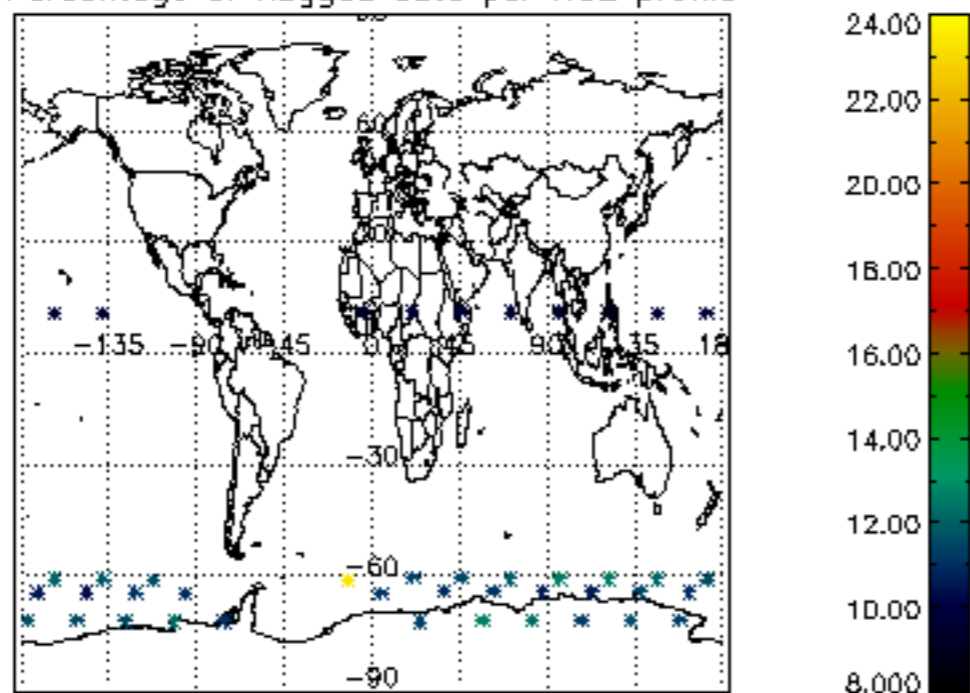
Percentage of flagged data per D3 profile



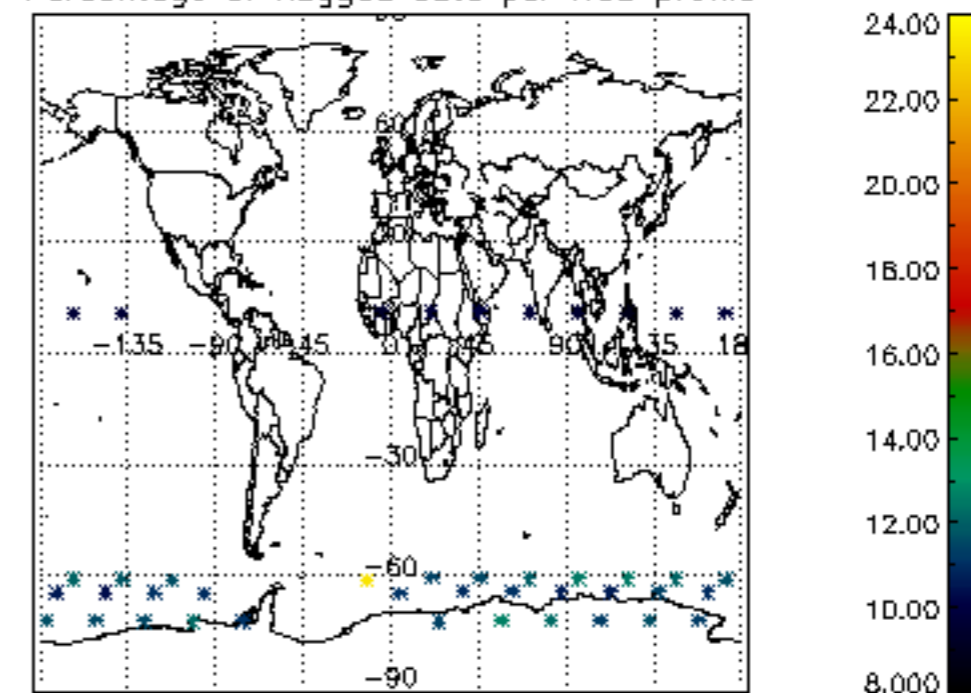
Percentage of flagged data per H2O profile

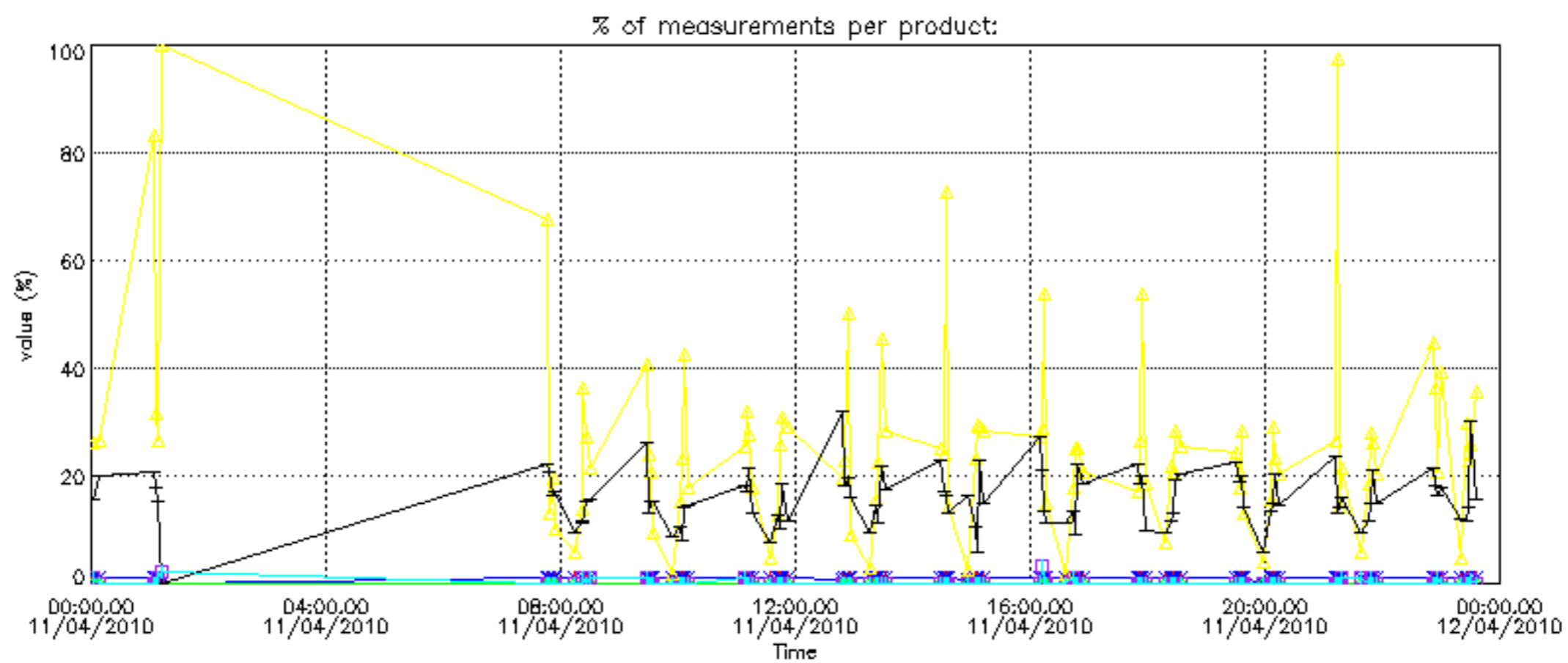


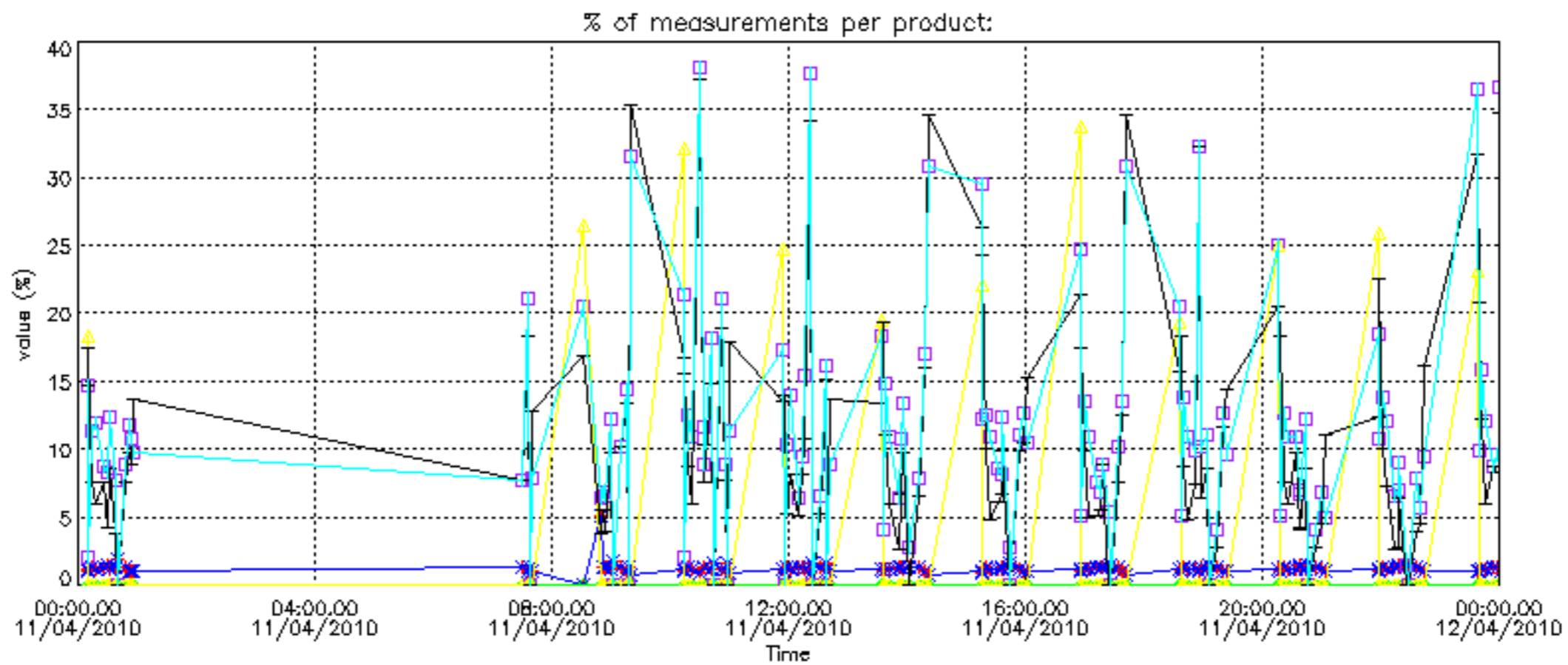
Percentage of flagged data per NO2 profile



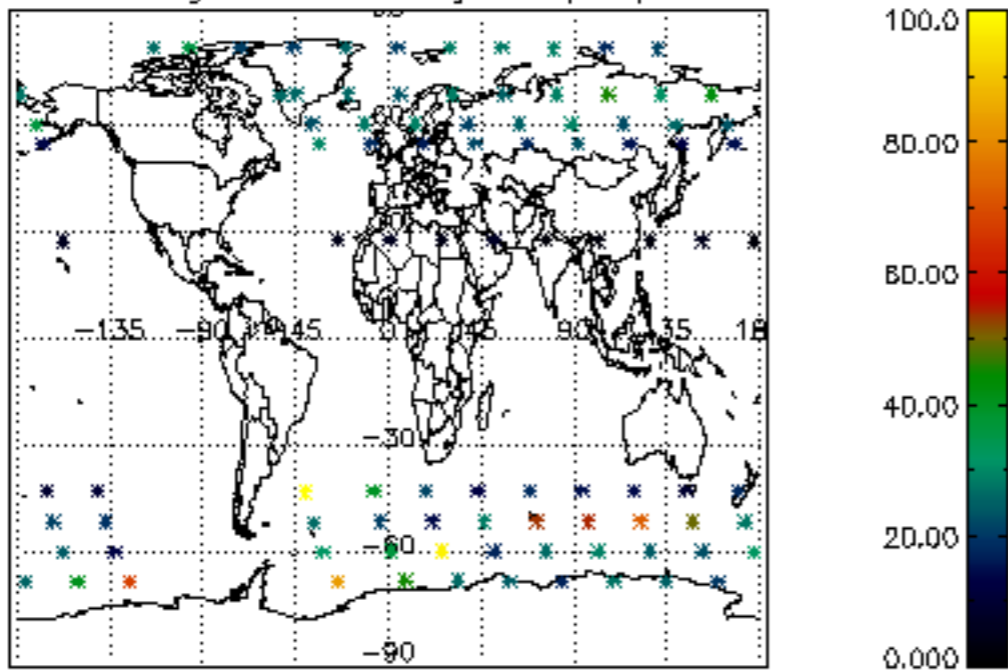
Percentage of flagged data per NO3 profile



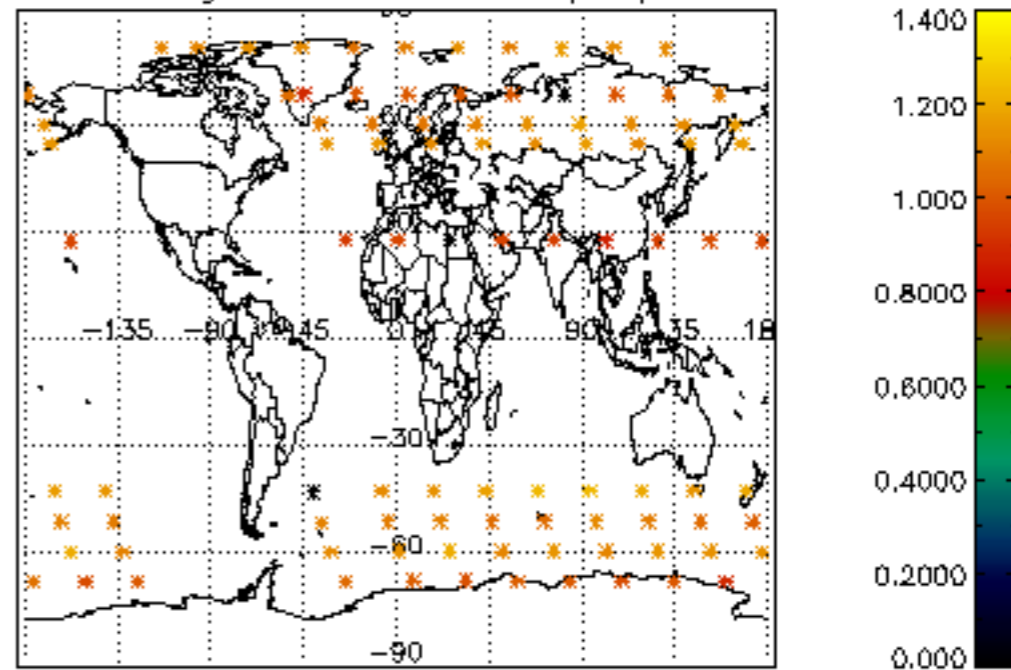




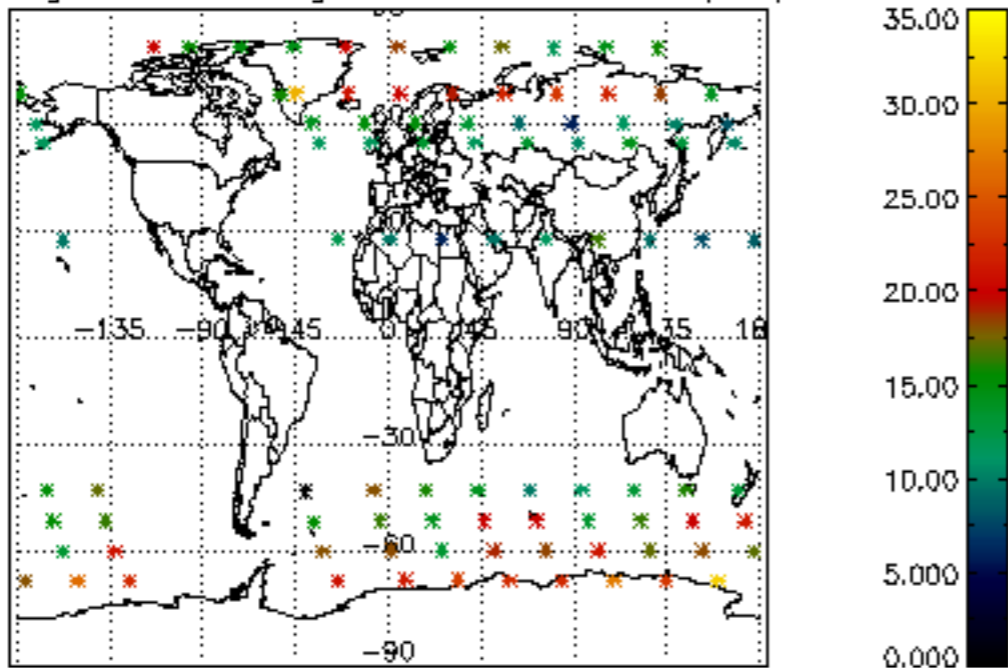
Percentage of cosmic ray hits per profile



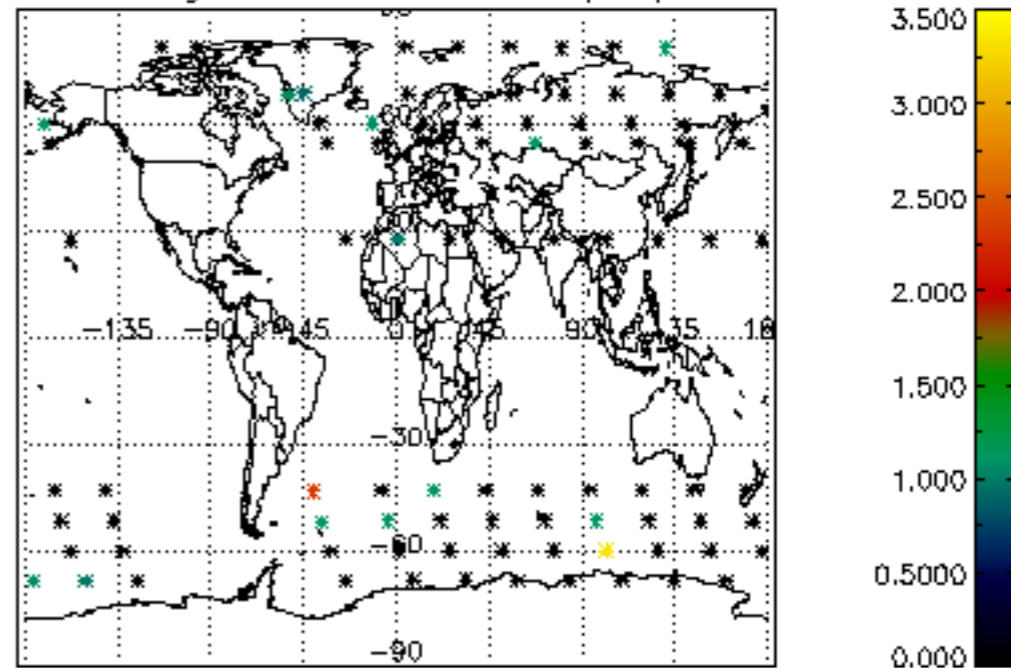
Percentage of datation errors per profile



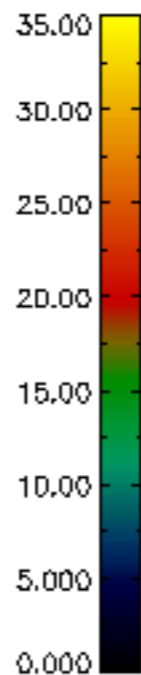
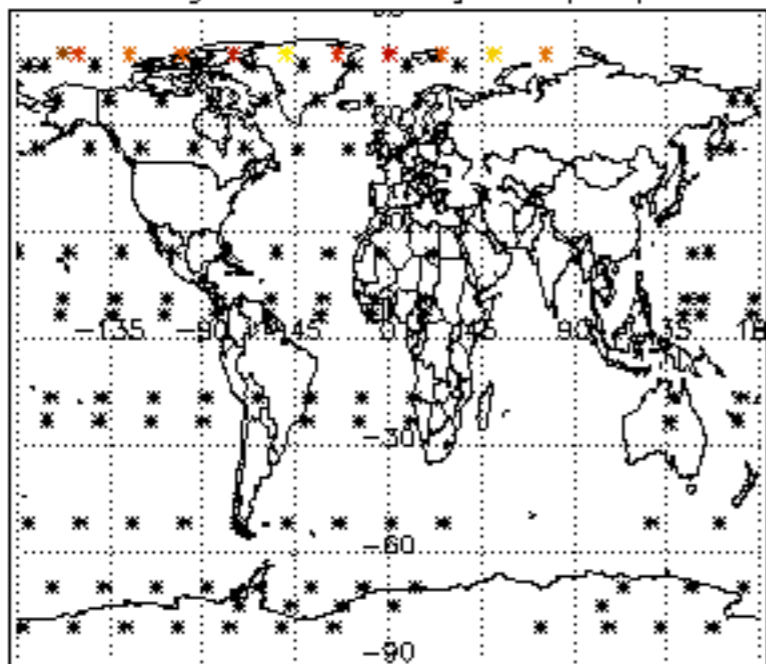
Percentage of star falling outside central band per profile



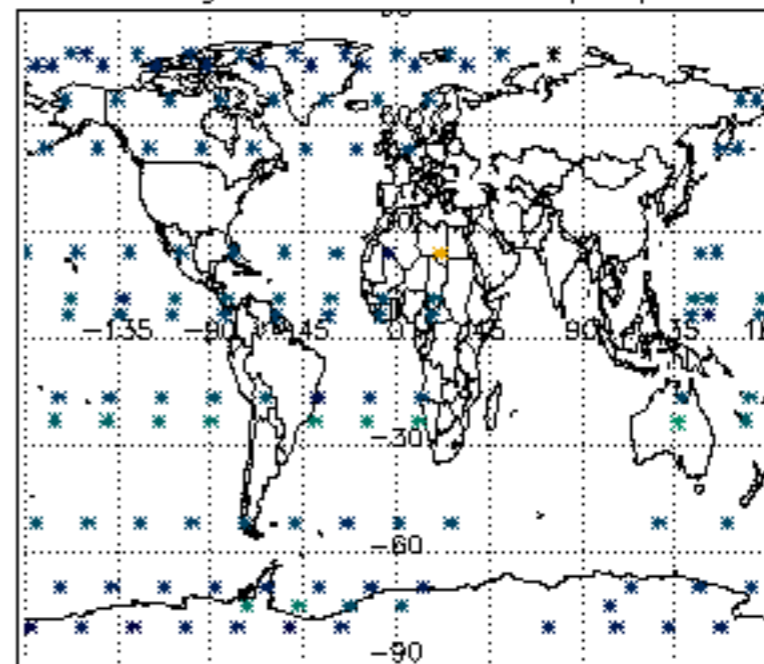
Percentage of saturation errors per profile



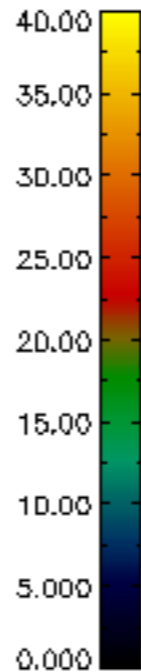
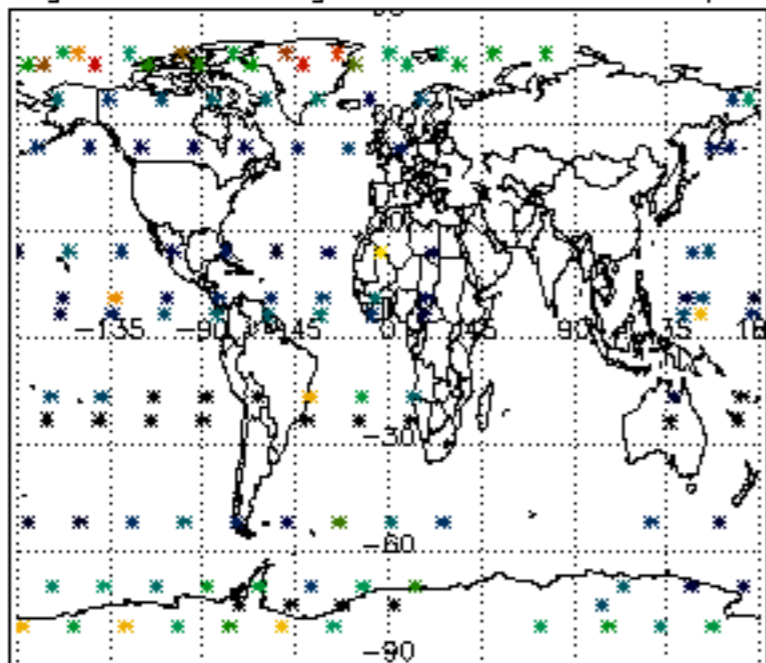
Percentage of cosmic ray hits per profile



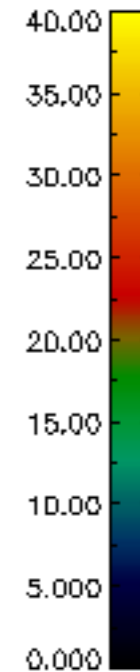
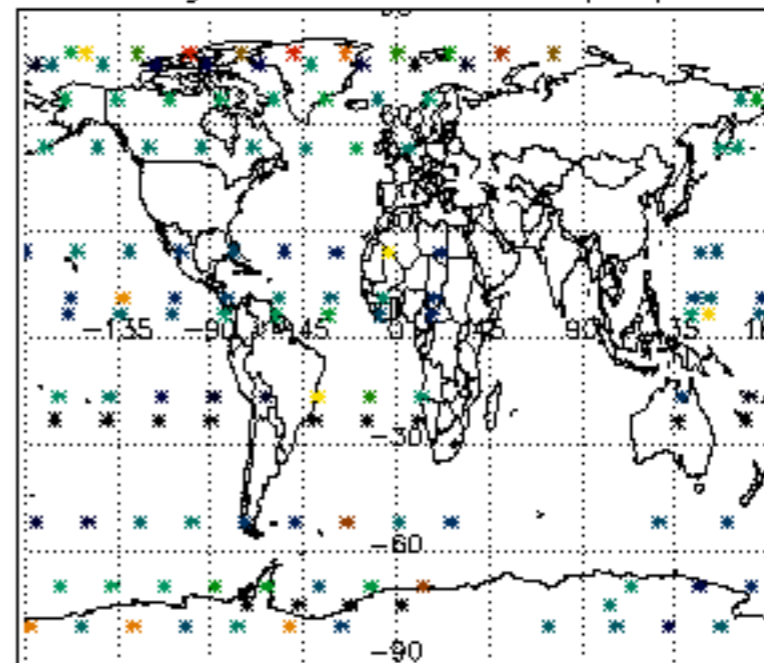
Percentage of datation errors per profile

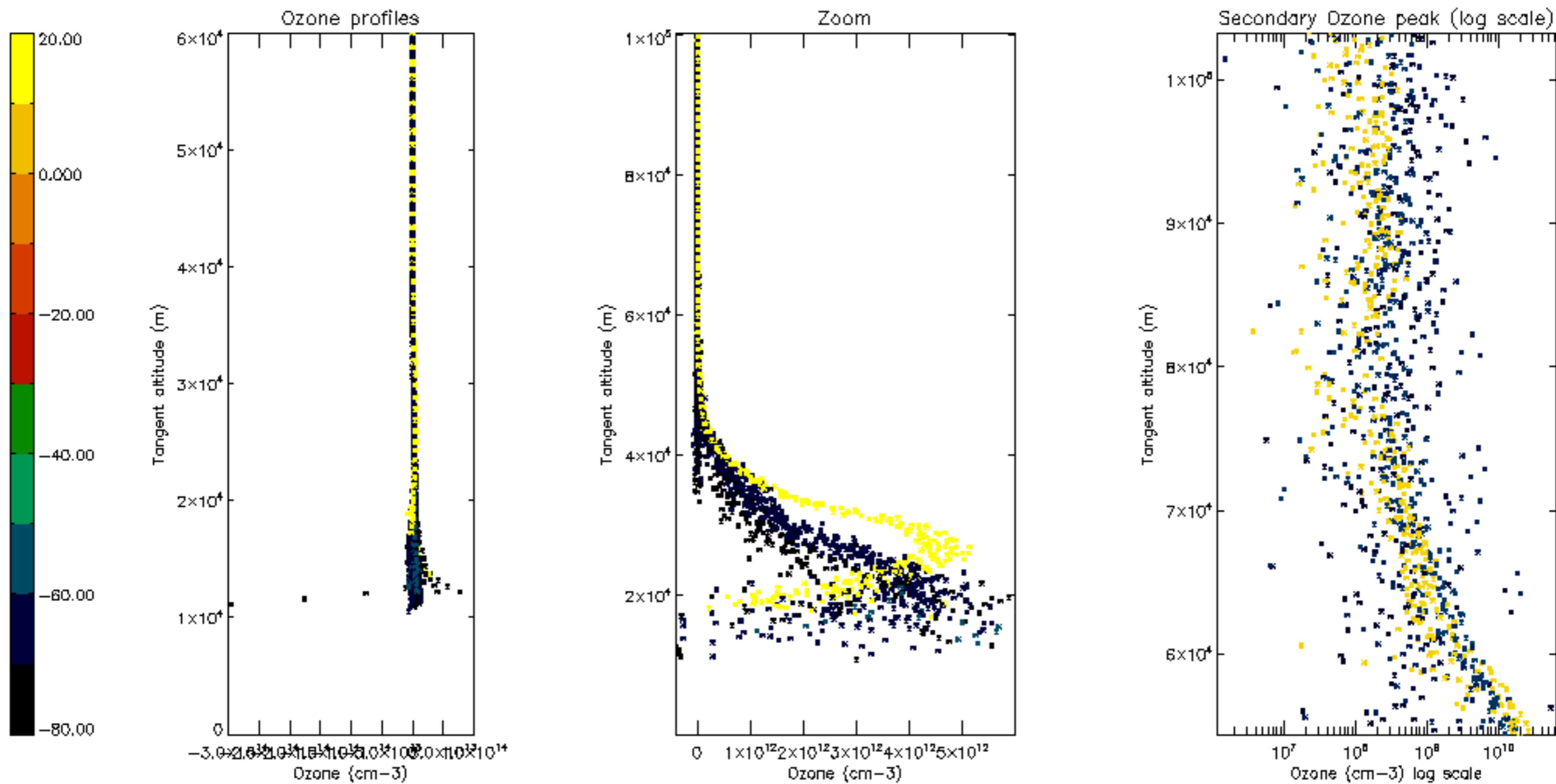


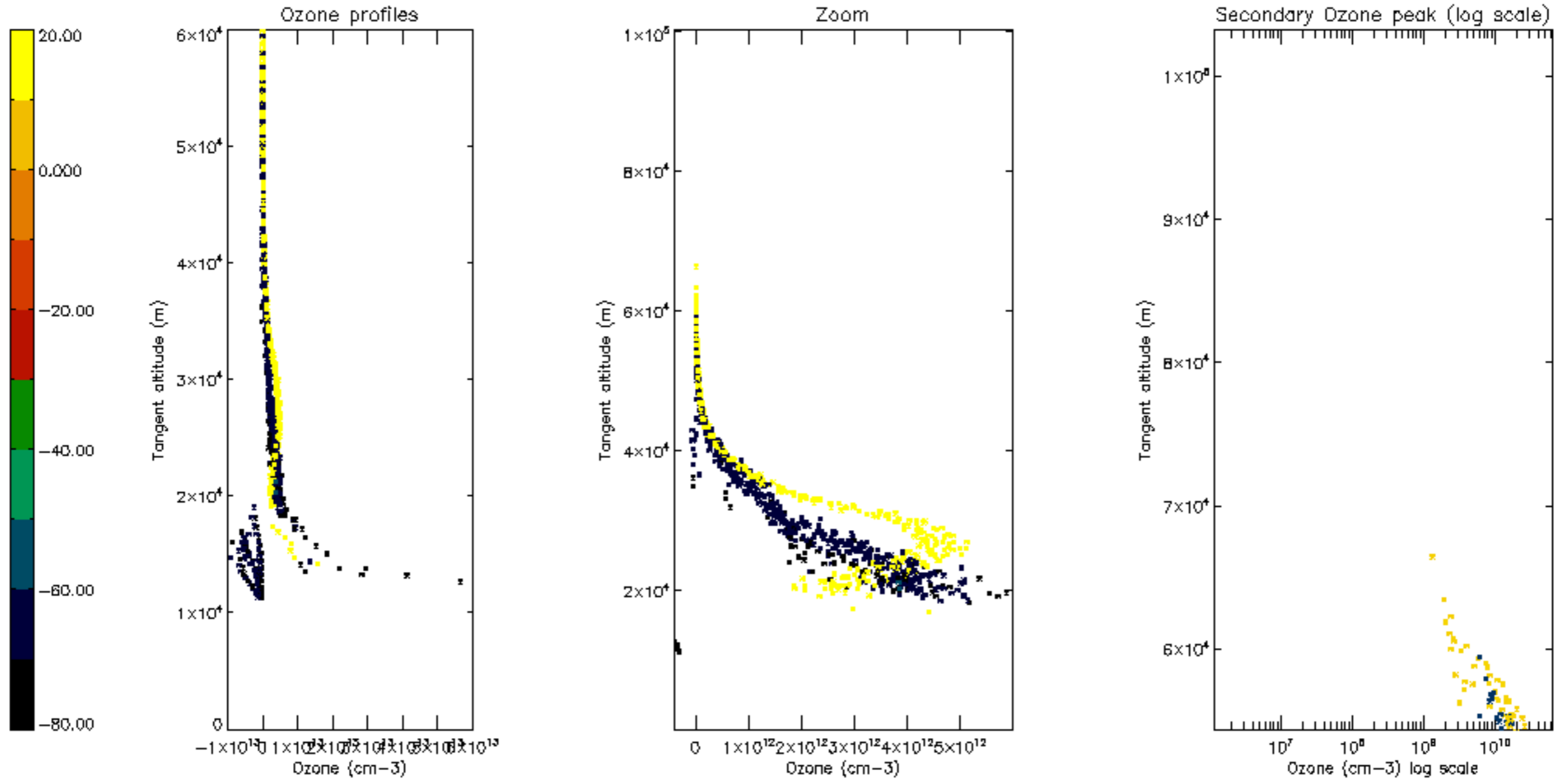
Percentage of star falling outside central band per profile

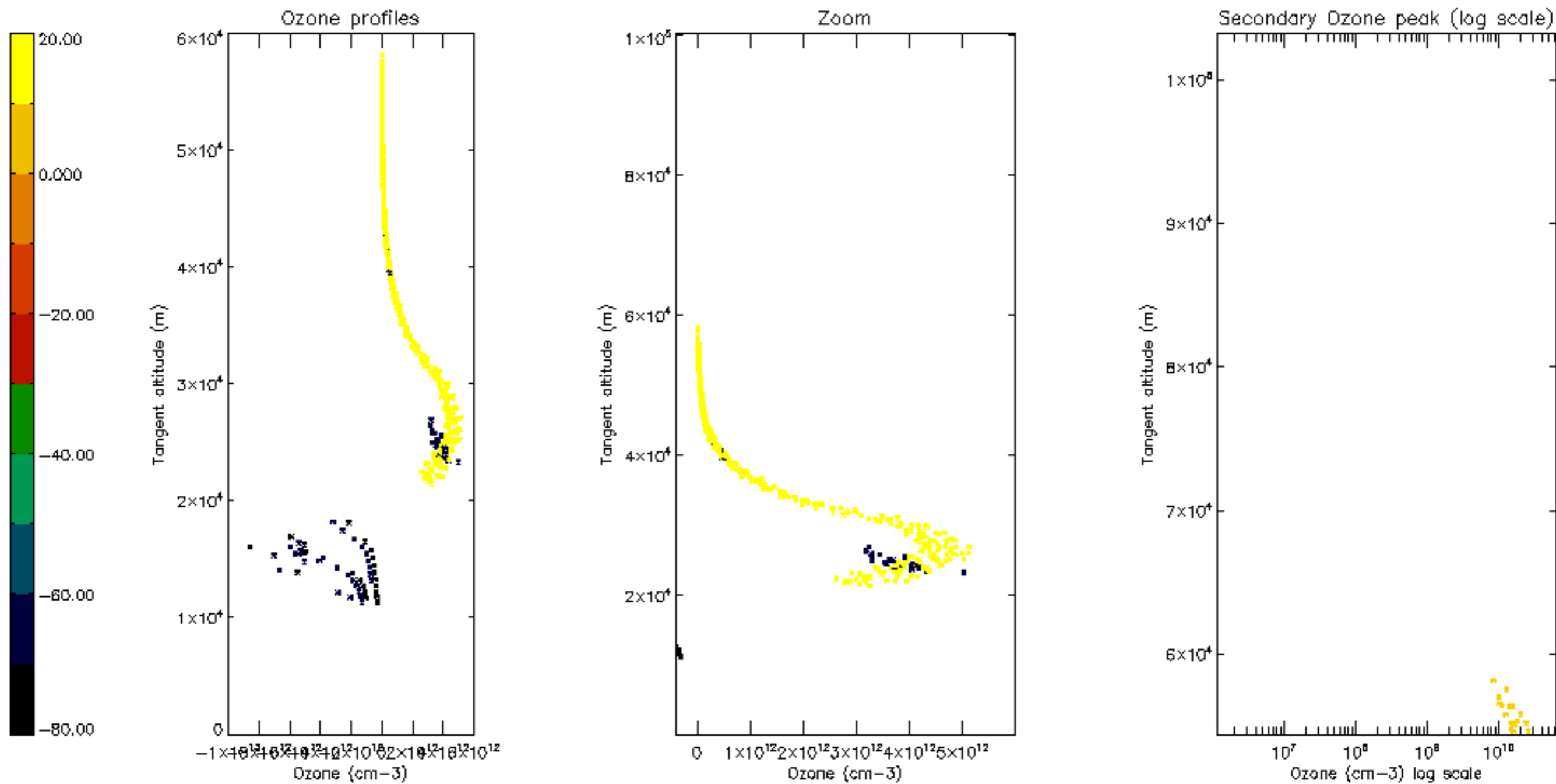


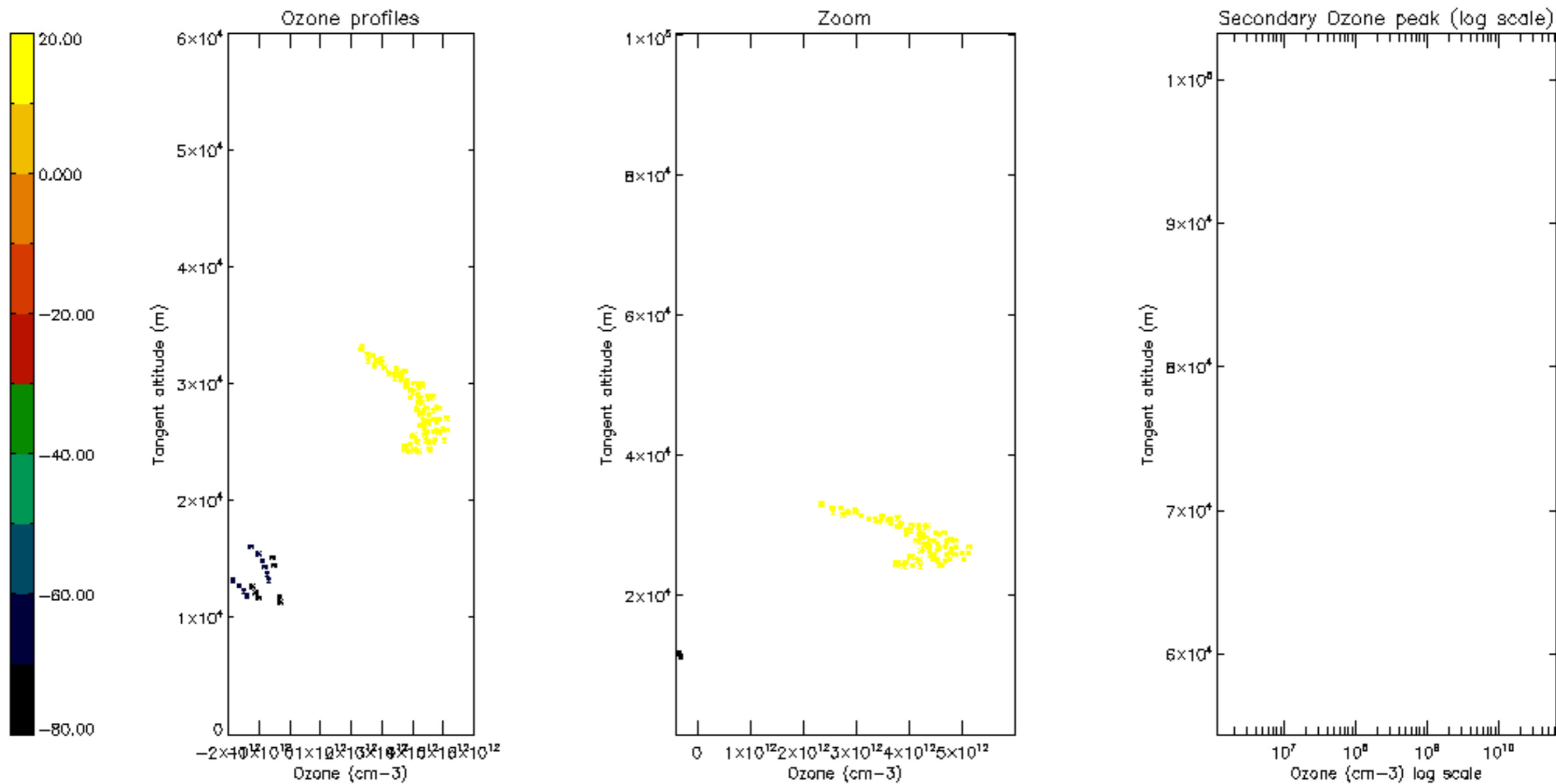
Percentage of saturation errors per profile

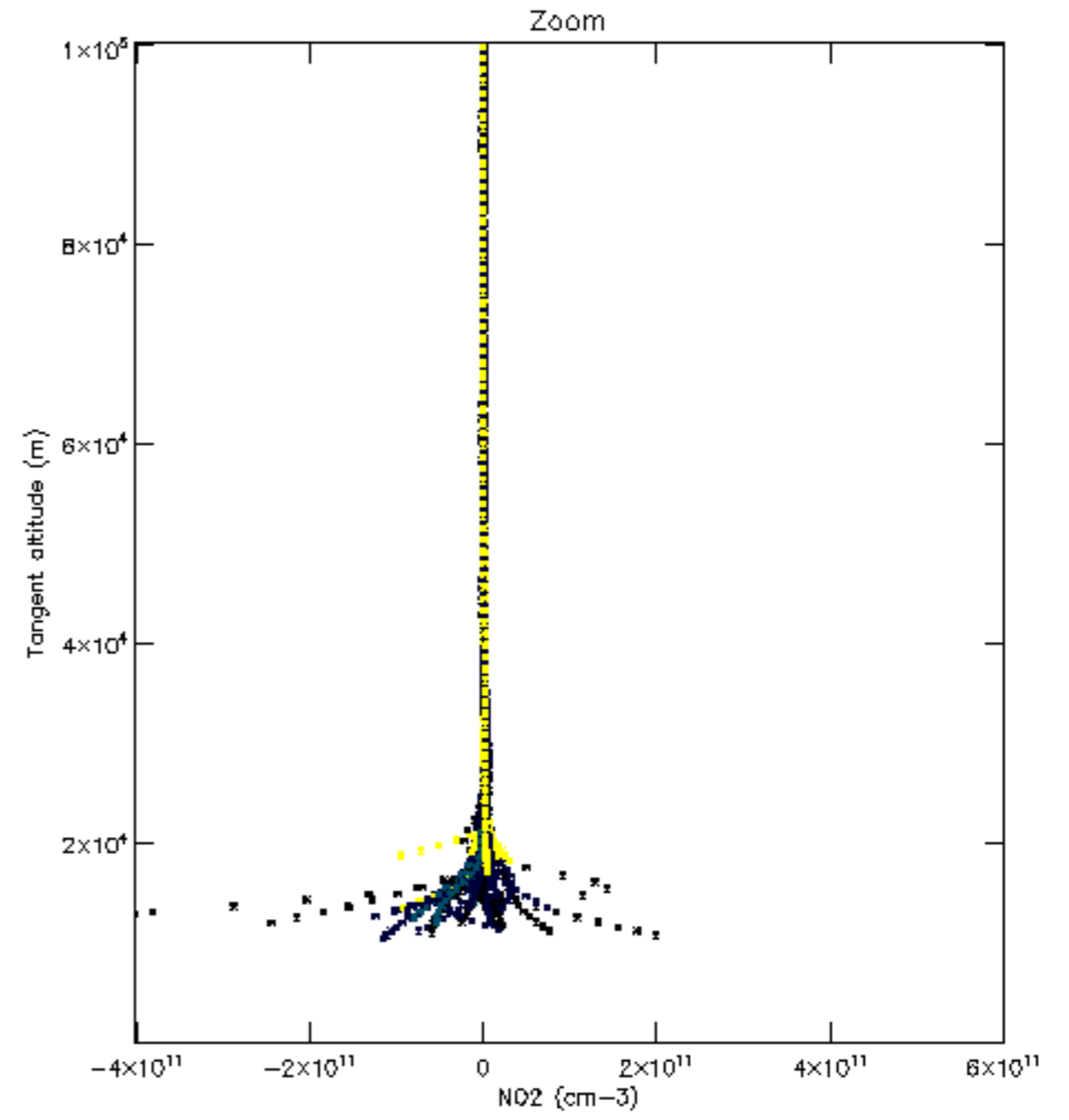
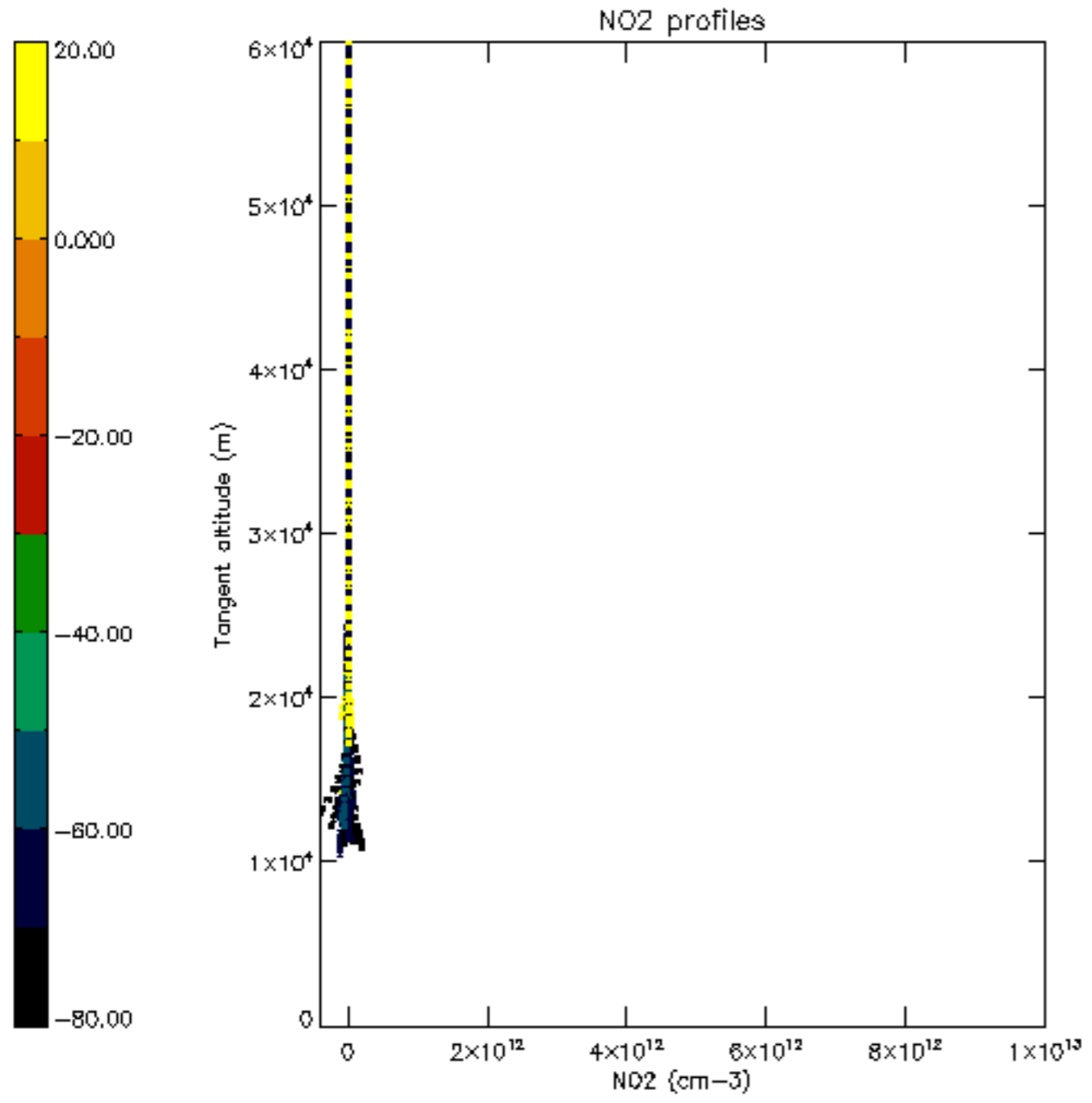


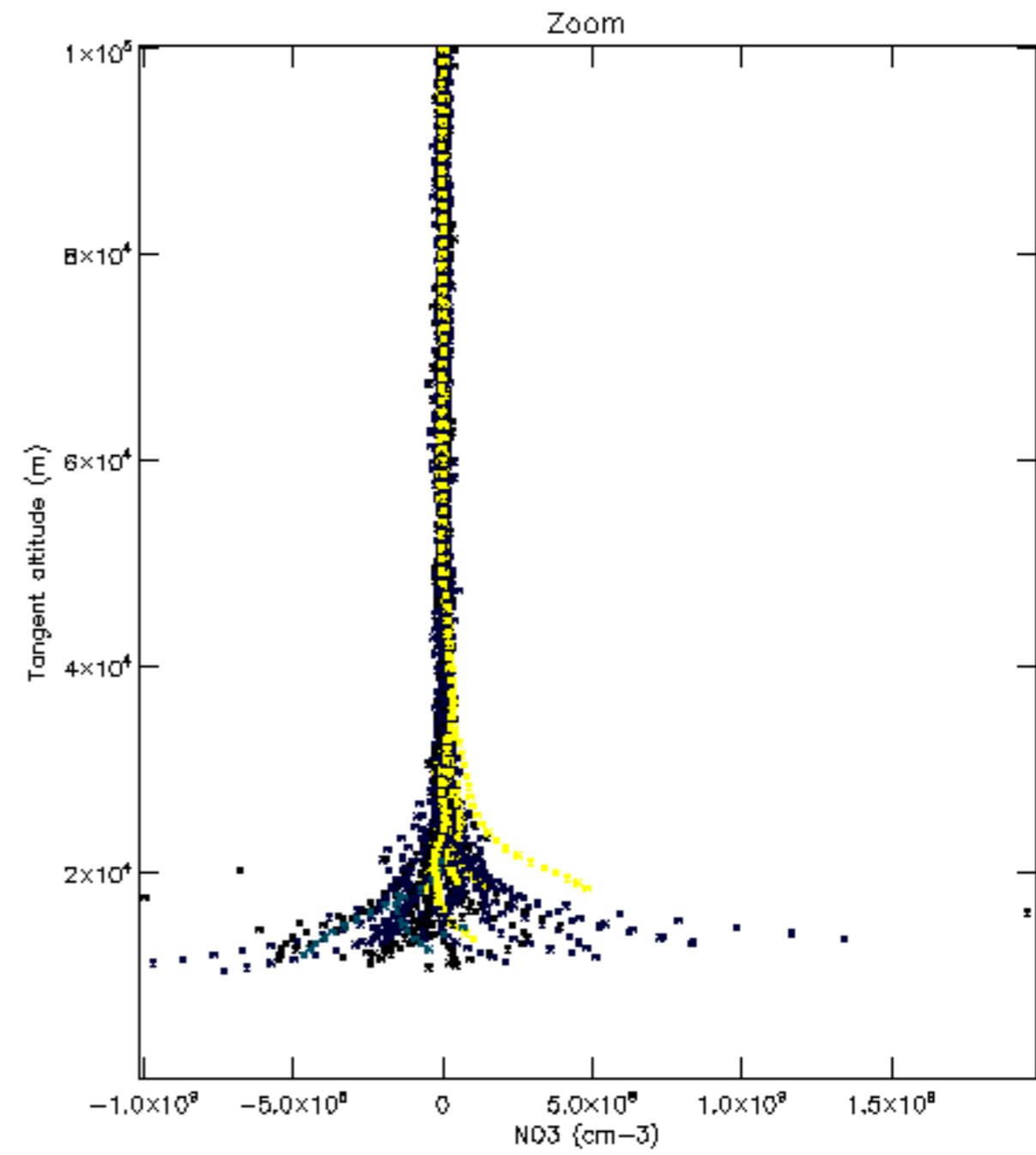
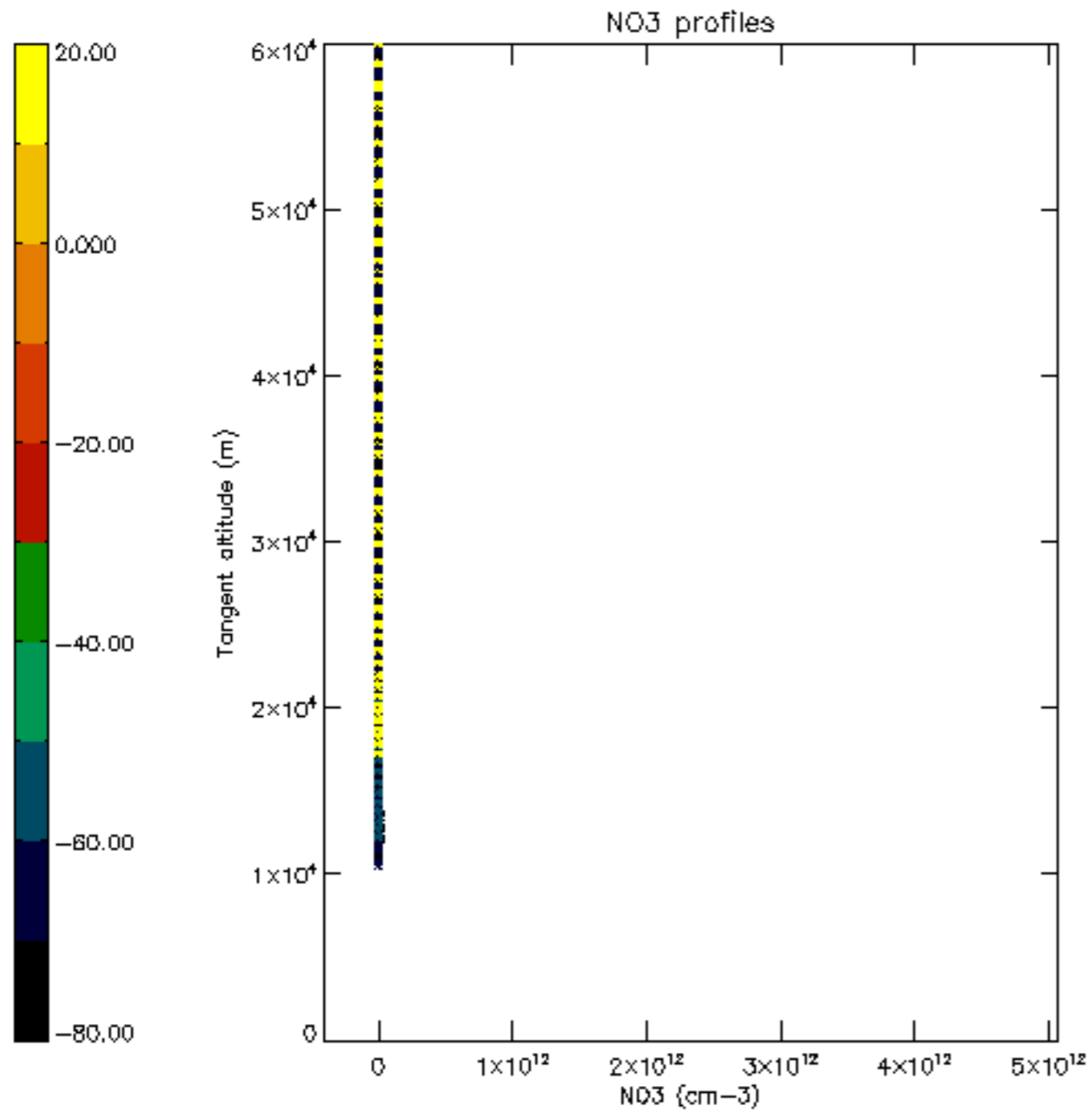


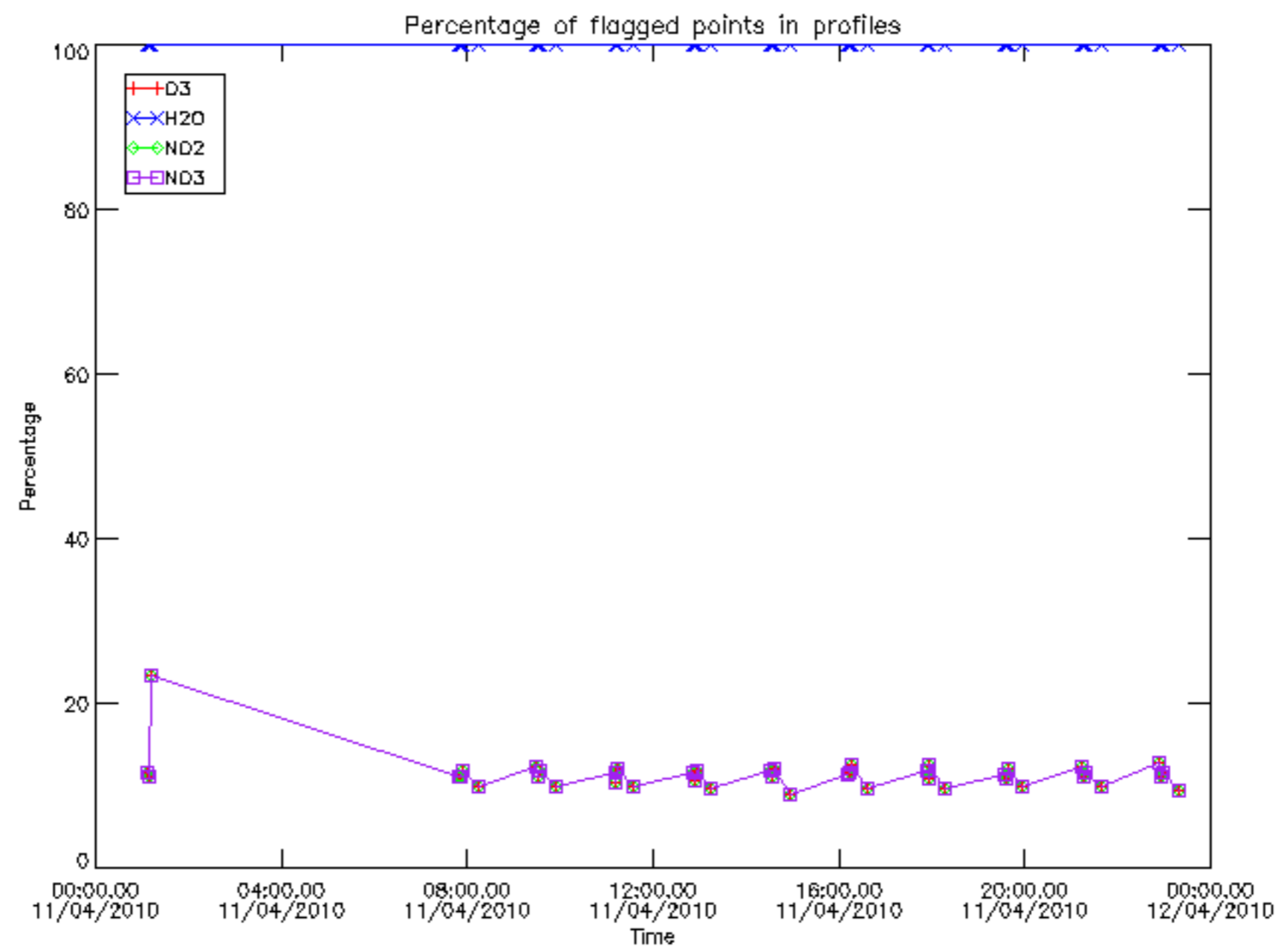




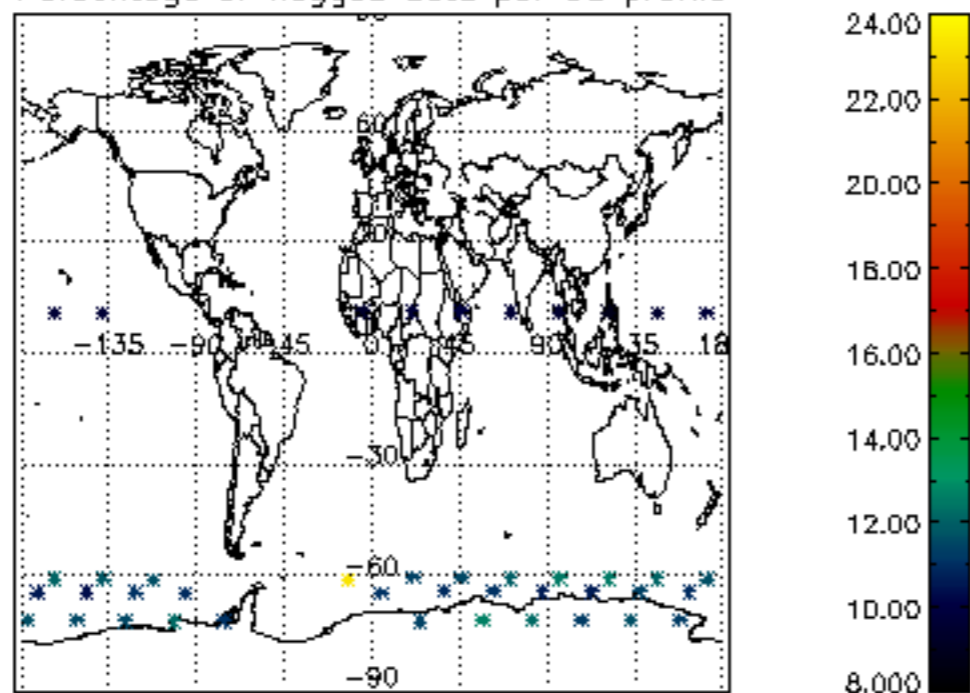




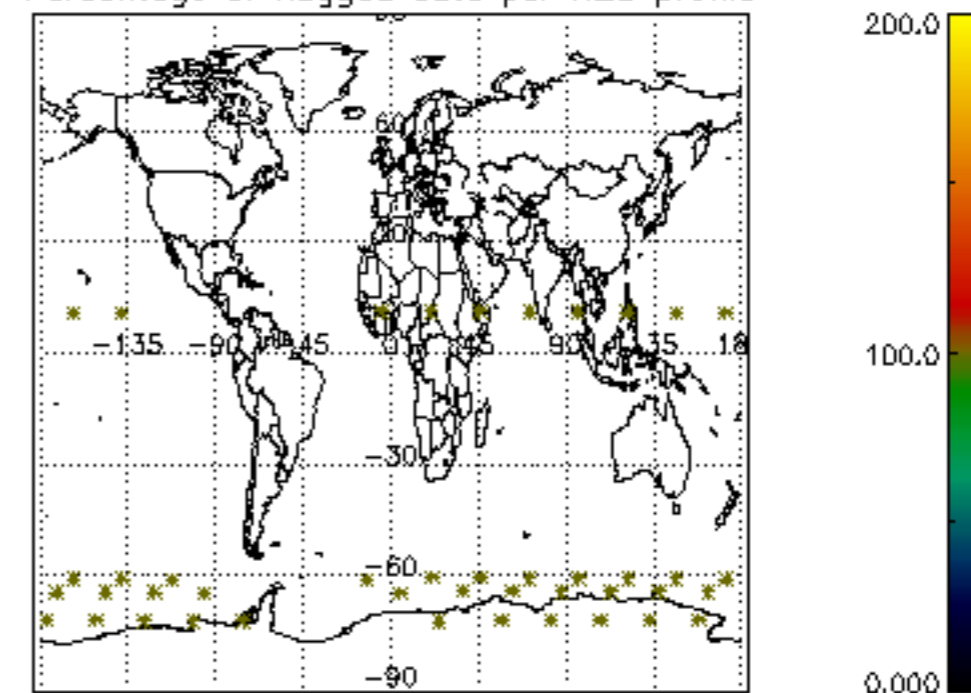




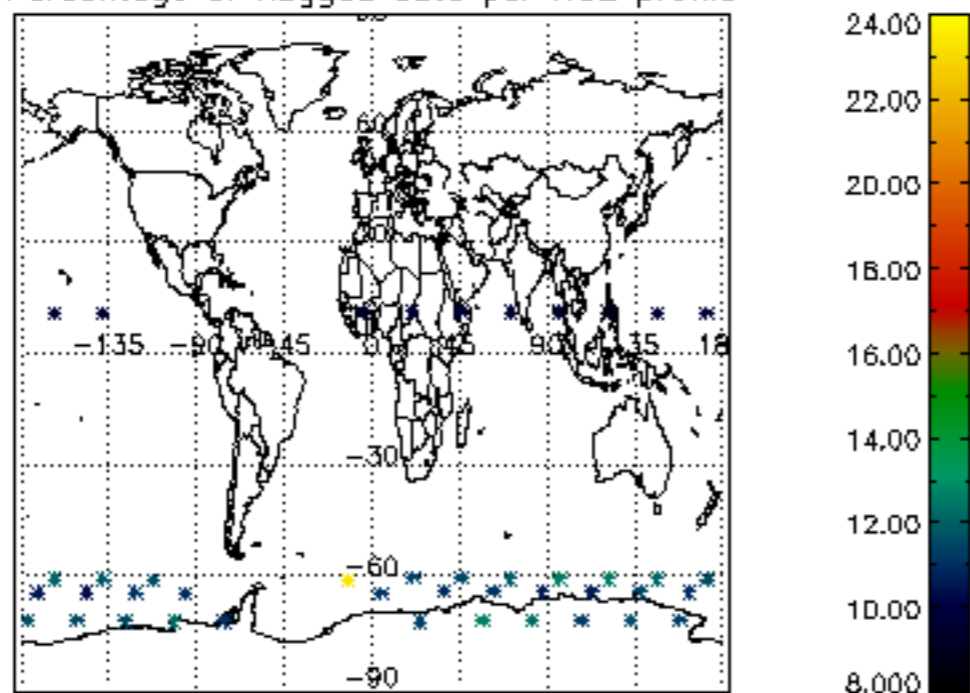
Percentage of flagged data per D3 profile



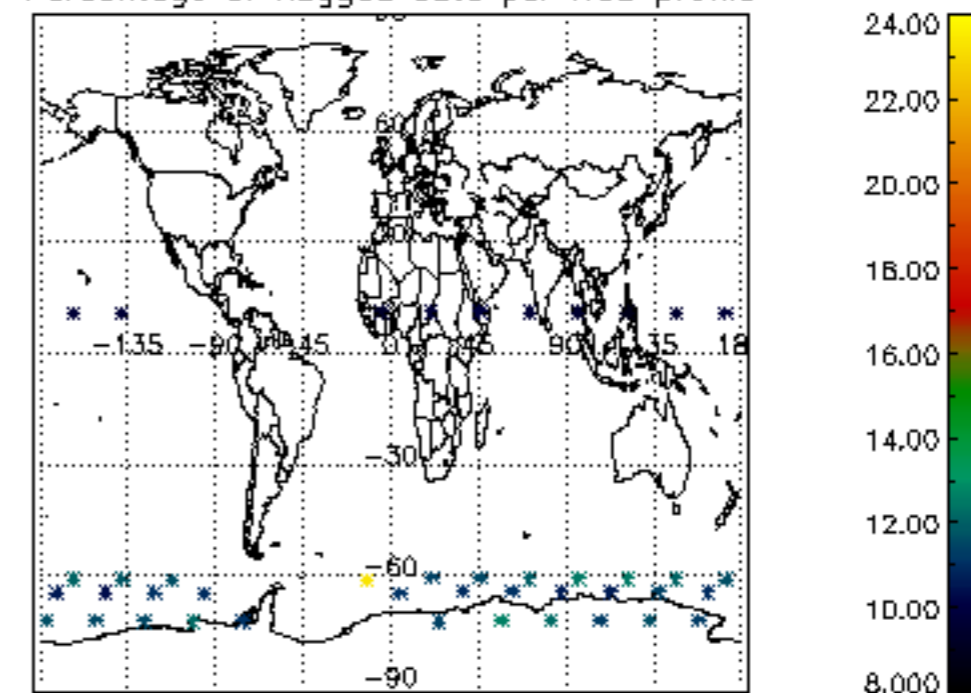
Percentage of flagged data per H2O profile

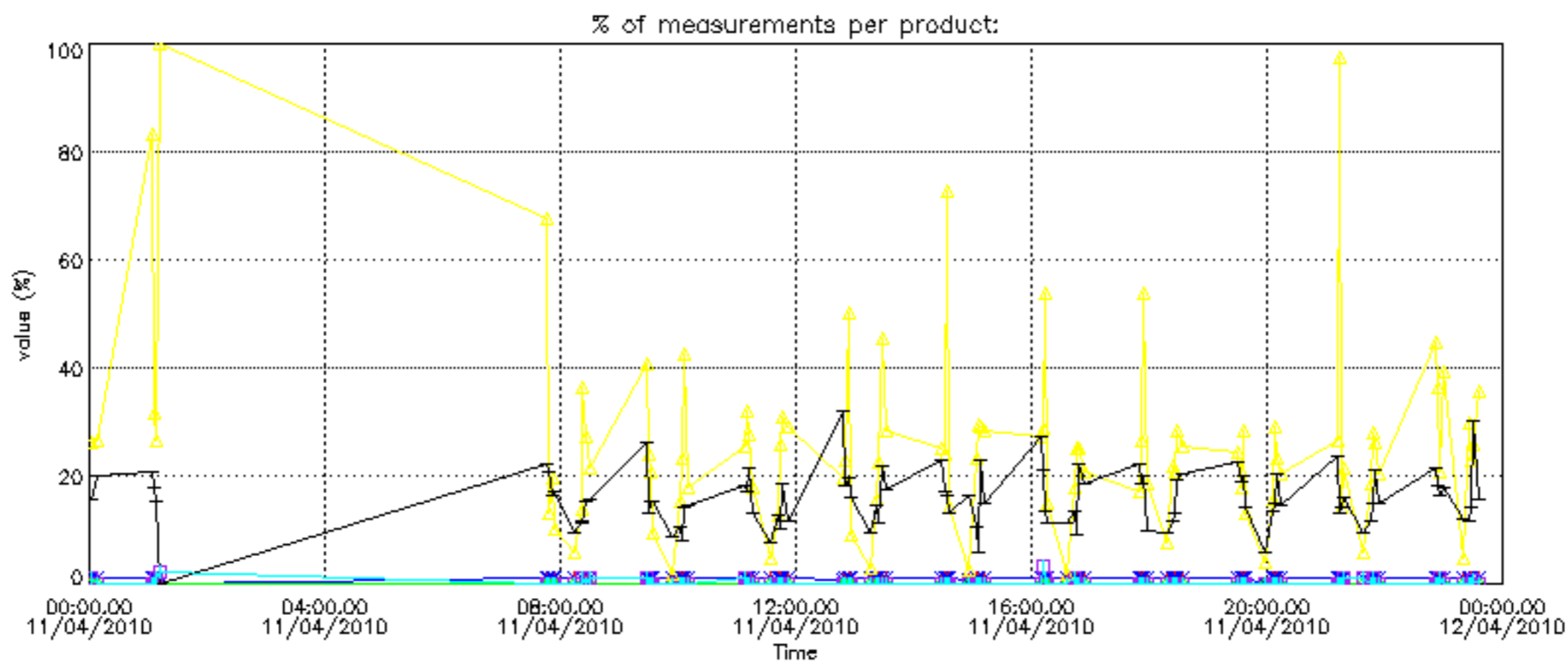


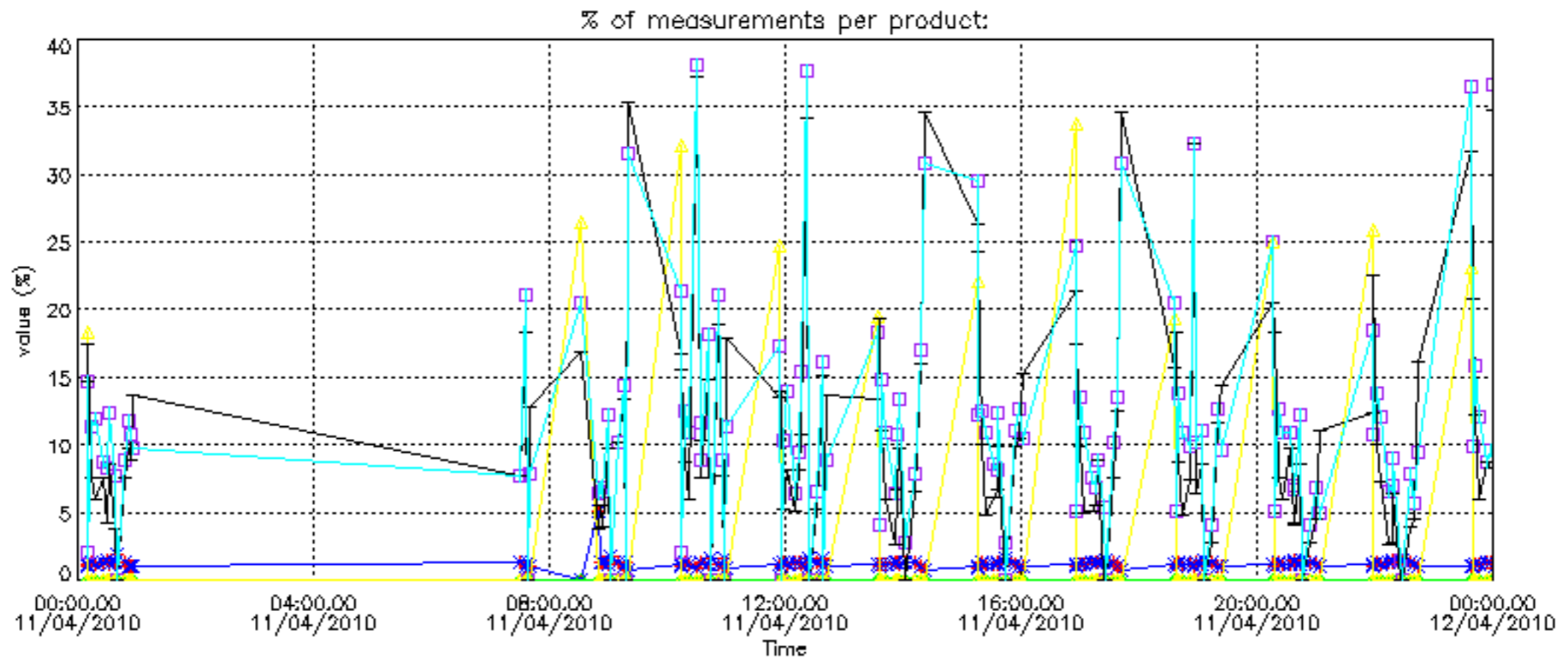
Percentage of flagged data per NO2 profile



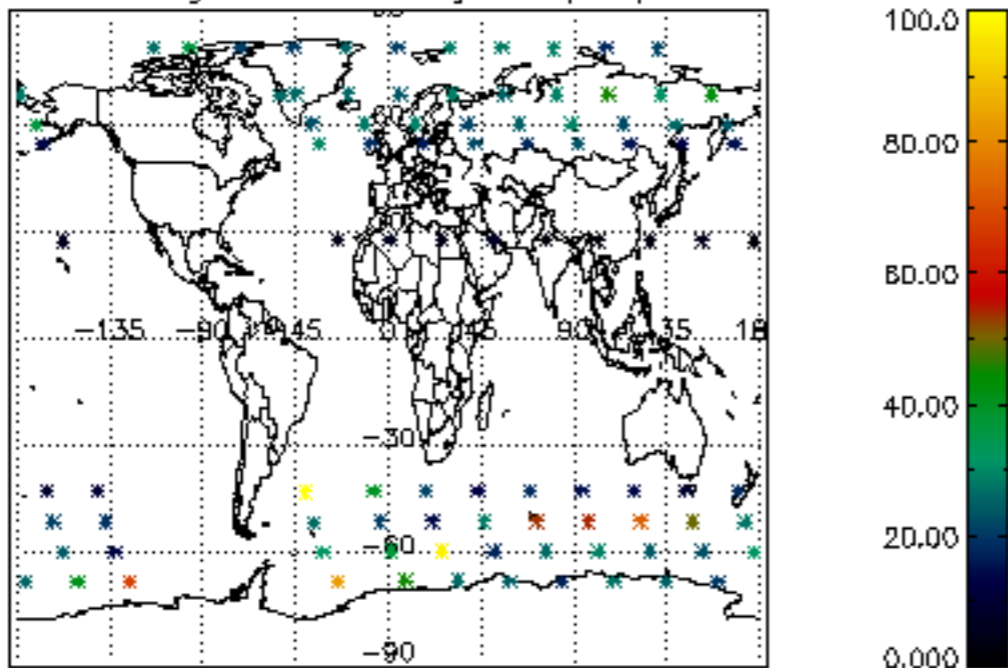
Percentage of flagged data per NO3 profile



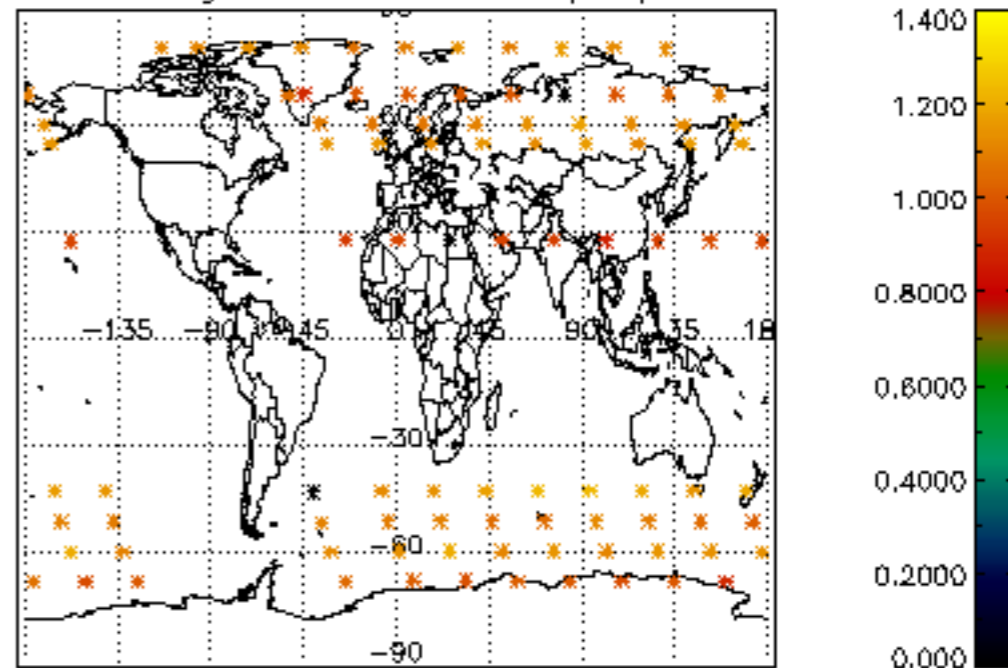




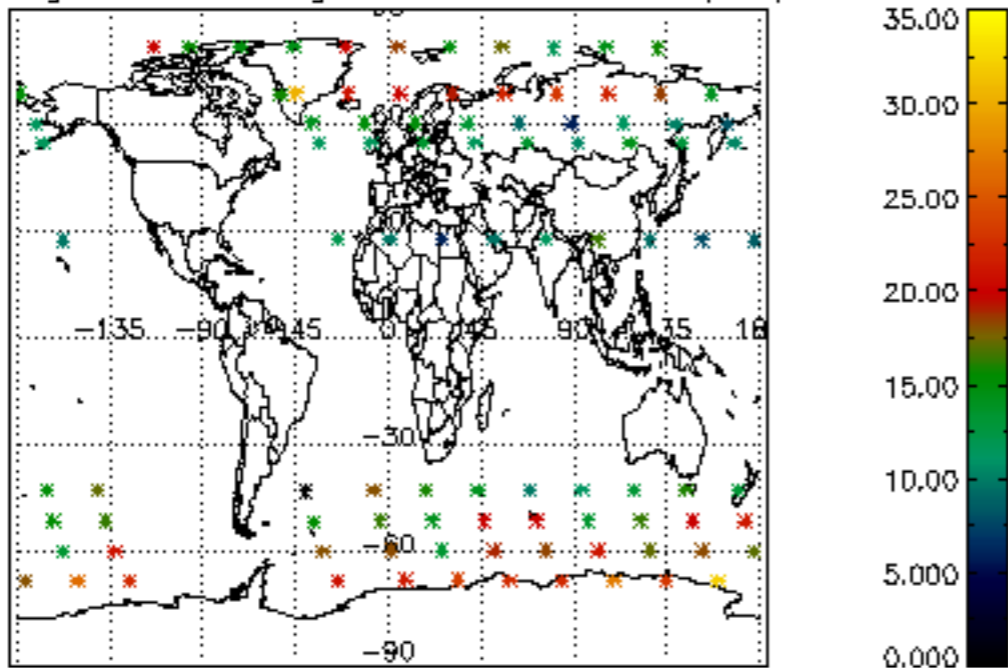
Percentage of cosmic ray hits per profile



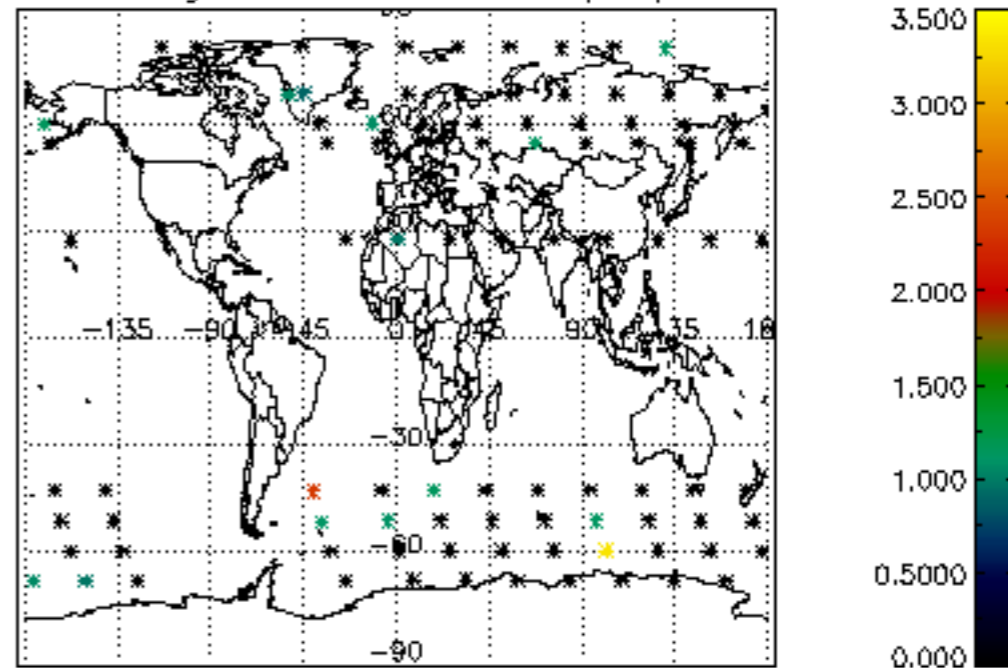
Percentage of datation errors per profile



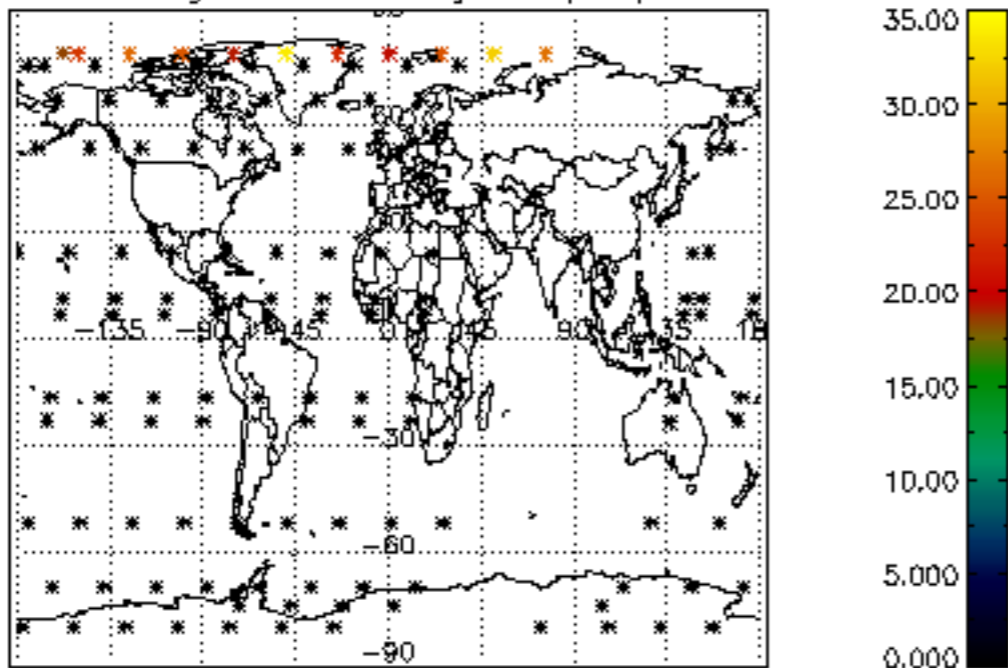
Percentage of star falling outside central band per profile



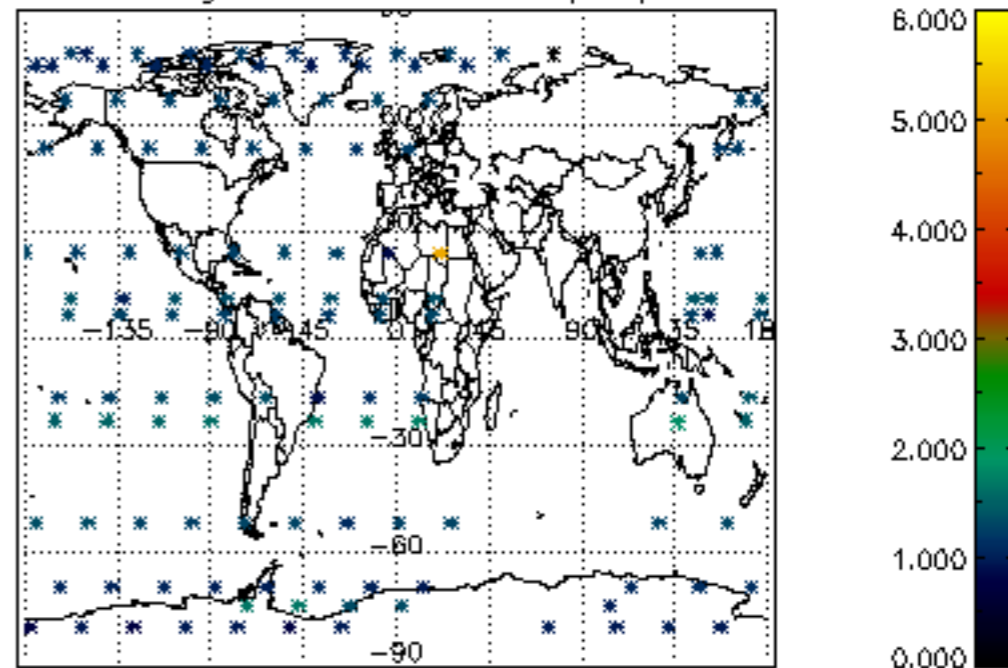
Percentage of saturation errors per profile



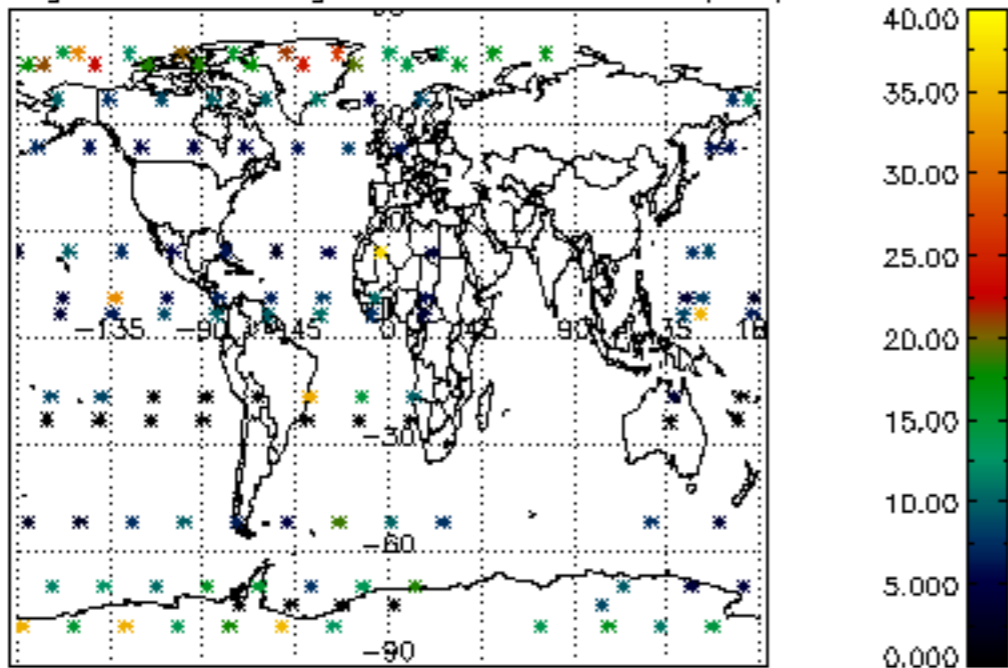
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

