

# 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	23APR2013 03:44:39
Data source version	GOMOS/6.01
Start time of products	06-09-2007 (06SEP2007 00:00:00)
Stop time of products	07-09-2007 (07SEP2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	233
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__2PRFIN20070906_000427_000000442061_00231_28842_3488.N1	06-SEP-2007 00:04:27	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	28842	No
2	GOM_NL__2PRFIN20070906_000854_000000382061_00231_28842_3489.N1	06-SEP-2007 00:08:54	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28842	No
3	GOM_NL__2PRFIN20070906_001153_000000382061_00231_28842_3490.N1	06-SEP-2007 00:11:53	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28842	No
4	GOM_NL__2PRFIN20070906_001832_000000412061_00231_28842_3491.N1	06-SEP-2007 00:18:32	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	28842	No
5	GOM_NL__2PRFIN20070906_002650_000000342061_00231_28842_3492.N1	06-SEP-2007 00:26:50	Bright	33.500	89	5Alp Cep	2.4510	8000.0	67	28842	No
6	GOM_NL__2PRFIN20070906_003432_000000362061_00231_28842_3493.N1	06-SEP-2007 00:34:32	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28842	No
7	GOM_NL__2PRFIN20070906_005140_000000542061_00231_28842_3494.N1	06-SEP-2007 00:51:40	Bright	54.000	24	66Alp Gem	1.5800	10200.	108	28842	No
8	GOM_NL__2PRFIN20070906_005935_000000432061_00231_28842_3495.N1	06-SEP-2007 00:59:35	Twilight	43.000	8	10Alp CMi	0.40000	6500.0	86	28842	No
9	GOM_NL__2PRFIN20070906_010737_000000512061_00231_28842_3496.N1	06-SEP-2007 01:07:37	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	28842	No
10	GOM_NL__2PRFIN20070906_011141_000000432061_00231_28842_3497.N1	06-SEP-2007 01:11:41	Dark	43.000	117	Pi Pup	2.7060	3800.0	86	28842	No
11	GOM_NL__2PRFIN20070906_011654_000000492061_00231_28842_3498.N1	06-SEP-2007 01:16:54	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	28842	No
12	GOM_NL__2PRFIN20070906_012717_000000402061_00232_28843_3488.N1	06-SEP-2007 01:27:17	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28843	No
13	GOM_NL__2PRFIN20070906_012838_000000462061_00232_28843_3489.N1	06-SEP-2007 01:28:38	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28843	No
14	GOM_NL__2PRFIN20070906_013433_000000502061_00232_28843_3490.N1	06-SEP-2007 01:34:33	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	28843	No
15	GOM_NL__2PRFIN20070906_014021_000000472061_00232_28843_3491.N1	06-SEP-2007 01:40:21	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	28843	No
16	GOM_NL__2PRFIN20070906_014503_000000402061_00232_28843_3492.N1	06-SEP-2007 01:45:03	Bright	40.000	142	49Del Cap	2.8500	8900.0	80	28843	No
17	GOM_NL__2PRFIN20070906_014930_000000382061_00232_28843_3493.N1	06-SEP-2007 01:49:30	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28843	No
18	GOM_NL__2PRFIN20070906_015229_000000382061_00232_28843_3494.N1	06-SEP-2007 01:52:29	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28843	No
19	GOM_NL__2PRFIN20070906_015908_000000422061_00232_28843_3495.N1	06-SEP-2007 01:59:08	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	28843	No
20	GOM_NL__2PRFIN20070906_020726_000000342061_00232_28843_3496.N1	06-SEP-2007 02:07:26	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	28843	No
21	GOM_NL__2PRFIN20070906_021508_000000362061_00232_28843_3497.N1	06-SEP-2007 02:15:08	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28843	No
22	GOM_NL__2PRFIN20070906_023216_000000552061_00232_28843_3498.N1	06-SEP-2007 02:32:16	Bright	54.500	24	66Alp Gem	1.5800	10200.	109	28843	No
23	GOM_NL__2PRFIN20070906_024012_000000432061_00232_28843_3499.N1	06-SEP-2007 02:40:12	Twilight	42.500	8	10Alp CMi	0.40000	6500.0	85	28843	No
24	GOM_NL__2PRFIN20070906_024813_000000532061_00232_28843_3500.N1	06-SEP-2007 02:48:13	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	28843	No
25	GOM_NL__2PRFIN20070906_025051_000000442061_00232_28843_3501.N1	06-SEP-2007 02:50:51	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	28843	No
26	GOM_NL__2PRFIN20070906_025217_000000402061_00232_28843_3502.N1	06-SEP-2007 02:52:17	Dark	39.500	117	Pi Pup	2.7060	3800.0	79	28843	No
27	GOM_NL__2PRFIN20070906_025550_000000482061_00232_28843_3503.N1	06-SEP-2007 02:55:50	Dark	47.500	108	Alp Col	2.6520	15200.	95	28843	No
28	GOM_NL__2PRFIN20070906_025731_000000452061_00232_28843_3504.N1	06-SEP-2007 02:57:31	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	28843	No
29	GOM_NL__2PRFIN20070906_030754_000000402061_00233_28844_3497.N1	06-SEP-2007 03:07:54	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28844	No
30	GOM_NL__2PRFIN20070906_030914_000000512061_00233_28844_3498.N1	06-SEP-2007 03:09:14	Dark	51.000	9	Alp Eri	0.45300	24000.	102	28844	No
31	GOM_NL__2PRFIN20070906_031509_000000472061_00233_28844_3499.N1	06-SEP-2007 03:15:09	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	28844	No
32	GOM_NL__2PRFIN20070906_032058_000000462061_00233_28844_3500.N1	06-SEP-2007 03:20:58	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	28844	No
33	GOM_NL__2PRFIN20070906_032539_000000402061_00233_28844_3501.N1	06-SEP-2007 03:25:39	Bright	40.000	142	49Del Cap	2.8500	8900.0	80	28844	No
34	GOM_NL__2PRFIN20070906_033006_000000382061_00233_28844_3502.N1	06-SEP-2007 03:30:06	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28844	No
35	GOM_NL__2PRFIN20070906_033305_000000372061_00233_28844_3503.N1	06-SEP-2007 03:33:05	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	28844	No
36	GOM_NL__2PRFIN20070906_033943_000000412061_00233_28844_3504.N1	06-SEP-2007 03:39:43	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	28844	No
37	GOM_NL__2PRFIN20070906_034802_000000332061_00233_28844_3505.N1	06-SEP-2007 03:48:02	Bright	32.500	89	5Alp Cep	2.4510	8000.0	65	28844	No
38	GOM_NL__2PRFIN20070906_035544_000000332061_00233_28844_3506.N1	06-SEP-2007 03:55:44	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	28844	No
39	GOM_NL__2PRFIN20070906_041252_000000392061_00233_28844_3507.N1	06-SEP-2007 04:12:52	Bright	39.000	24	66Alp Gem	1.5800	10200.	78	28844	No
40	GOM_NL__2PRFIN20070906_042048_000000462061_00233_28844_3508.N1	06-SEP-2007 04:20:48	Twilight	46.000	8	10Alp CMi	0.40000	6500.0	92	28844	No
41	GOM_NL__2PRFIN20070906_042850_000000562061_00233_28844_3509.N1	06-SEP-2007 04:28:50	Dark	55.500	1	9Alp CMa	-1.4400	11000.	111	28844	No
42	GOM_NL__2PRFIN20070906_043016_000000442061_00233_28844_3510.N1	06-SEP-2007 04:30:16	Dark	44.000	47	2Bet CMa	1.9760	28000.	88	28844	No

43	GOM_NL__2PRFIN20070906_043128_000000452061_00233_28844_3511.N1	06-SEP-2007 04:31:28	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	28844	No
44	GOM_NL__2PRFIN20070906_043254_000000442061_00233_28844_3512.N1	06-SEP-2007 04:32:54	Dark	44.000	117	Pi Pup	2.7060	3800.0	88	28844	No
45	GOM_NL__2PRFIN20070906_043627_000000472061_00233_28844_3513.N1	06-SEP-2007 04:36:27	Dark	46.500	108	Alp Col	2.6520	15200.	93	28844	No
46	GOM_NL__2PRFIN20070906_043807_000000542061_00233_28844_3514.N1	06-SEP-2007 04:38:07	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	28844	No
47	GOM_NL__2PRFIN20070906_044830_000000412061_00234_28845_3518.N1	06-SEP-2007 04:48:30	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28845	No
48	GOM_NL__2PRFIN20070906_044951_000000452061_00234_28845_3519.N1	06-SEP-2007 04:49:51	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28845	No
49	GOM_NL__2PRFIN20070906_045546_000000522061_00234_28845_3520.N1	06-SEP-2007 04:55:46	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	28845	No
50	GOM_NL__2PRFIN20070906_050134_000000462061_00234_28845_3521.N1	06-SEP-2007 05:01:34	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	28845	No
51	GOM_NL__2PRFIN20070906_050617_000000452061_00234_28845_3522.N1	06-SEP-2007 05:06:17	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	28845	No
52	GOM_NL__2PRFIN20070906_051042_000000392061_00234_28845_3523.N1	06-SEP-2007 05:10:42	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	28845	No
53	GOM_NL__2PRFIN20070906_051341_000000382061_00234_28845_3524.N1	06-SEP-2007 05:13:41	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28845	No
54	GOM_NL__2PRFIN20070906_052019_000000412061_00234_28845_3525.N1	06-SEP-2007 05:20:19	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	28845	No
55	GOM_NL__2PRFIN20070906_052838_000000362061_00234_28845_3526.N1	06-SEP-2007 05:28:38	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28845	No
56	GOM_NL__2PRFIN20070906_053620_000000342061_00234_28845_3527.N1	06-SEP-2007 05:36:20	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	28845	No
57	GOM_NL__2PRFIN20070906_055328_000000402061_00234_28845_3528.N1	06-SEP-2007 05:53:28	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28845	No
58	GOM_NL__2PRFIN20070906_060124_000000482061_00234_28845_3529.N1	06-SEP-2007 06:01:24	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	28845	No
59	GOM_NL__2PRFIN20070906_060927_000000532061_00234_28845_3530.N1	06-SEP-2007 06:09:27	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	28845	No
60	GOM_NL__2PRFIN20070906_061053_000000442061_00234_28845_3531.N1	06-SEP-2007 06:10:53	Dark	44.000	47	2Bet CMa	1.9760	28000.	88	28845	No
61	GOM_NL__2PRFIN20070906_061204_000000472061_00234_28845_3532.N1	06-SEP-2007 06:12:04	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	28845	No
62	GOM_NL__2PRFIN20070906_061330_000000452061_00234_28845_3533.N1	06-SEP-2007 06:13:30	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	28845	No
63	GOM_NL__2PRFIN20070906_061704_000000472061_00234_28845_3534.N1	06-SEP-2007 06:17:04	Dark	47.000	108	Alp Col	2.6520	15200.	94	28845	No
64	GOM_NL__2PRFIN20070906_061844_000000472061_00234_28845_3535.N1	06-SEP-2007 06:18:44	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	28845	No
65	GOM_NL__2PRFIN20070906_062907_000000402061_00235_28846_3529.N1	06-SEP-2007 06:29:07	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28846	No
66	GOM_NL__2PRFIN20070906_063027_000000432061_00235_28846_3530.N1	06-SEP-2007 06:30:27	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28846	No
67	GOM_NL__2PRFIN20070906_063622_000000542061_00235_28846_3531.N1	06-SEP-2007 06:36:22	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	28846	No
68	GOM_NL__2PRFIN20070906_064210_000000482061_00235_28846_3532.N1	06-SEP-2007 06:42:10	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	28846	No
69	GOM_NL__2PRFIN20070906_065118_000000392061_00235_28846_3533.N1	06-SEP-2007 06:51:18	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28846	No
70	GOM_NL__2PRFIN20070906_065417_000000372061_00235_28846_3534.N1	06-SEP-2007 06:54:17	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	28846	No
71	GOM_NL__2PRFIN20070906_070055_000000422061_00235_28846_3535.N1	06-SEP-2007 07:00:55	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	28846	No
72	GOM_NL__2PRFIN20070906_070913_000000372061_00235_28846_3536.N1	06-SEP-2007 07:09:13	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28846	No
73	GOM_NL__2PRFIN20070906_071656_000000362061_00235_28846_3537.N1	06-SEP-2007 07:16:56	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28846	No
74	GOM_NL__2PRFIN20070906_073404_000000402061_00235_28846_3538.N1	06-SEP-2007 07:34:04	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	28846	No
75	GOM_NL__2PRFIN20070906_074201_000000482061_00235_28846_3539.N1	06-SEP-2007 07:42:01	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	28846	No
76	GOM_NL__2PRFIN20070906_075003_000000542061_00235_28846_3540.N1	06-SEP-2007 07:50:03	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	28846	No
77	GOM_NL__2PRFIN20070906_075130_000000352061_00235_28846_3541.N1	06-SEP-2007 07:51:30	Dark	35.000	47	2Bet CMa	1.9760	28000.	70	28846	No
78	GOM_NL__2PRFIN20070906_075241_000000422061_00235_28846_3542.N1	06-SEP-2007 07:52:41	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	28846	No
79	GOM_NL__2PRFIN20070906_075407_000000452061_00235_28846_3543.N1	06-SEP-2007 07:54:07	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	28846	No
80	GOM_NL__2PRFIN20070906_075741_000000492061_00235_28846_3544.N1	06-SEP-2007 07:57:41	Dark	48.500	108	Alp Col	2.6520	15200.	97	28846	No
81	GOM_NL__2PRFIN20070906_075920_000000452061_00235_28846_3545.N1	06-SEP-2007 07:59:20	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	28846	No
82	GOM_NL__2PRFIN20070906_080944_000000412061_00236_28847_3576.N1	06-SEP-2007 08:09:44	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28847	No
83	GOM_NL__2PRFIN20070906_081104_000000542061_00236_28847_3577.N1	06-SEP-2007 08:11:04	Dark	53.500	9	Alp Eri	0.45300	24000.	107	28847	No
84	GOM_NL__2PRFIN20070906_081659_000000512061_00236_28847_3578.N1	06-SEP-2007 08:16:59	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	28847	No
85	GOM_NL__2PRFIN20070906_082246_000000472061_00236_28847_3579.N1	06-SEP-2007 08:22:46	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	28847	No
86	GOM_NL__2PRFIN20070906_083154_000000382061_00236_28847_3580.N1	06-SEP-2007 08:31:54	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28847	No
87	GOM_NL__2PRFIN20070906_083453_000000392061_00236_28847_3581.N1	06-SEP-2007 08:34:53	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	28847	No
88	GOM_NL__2PRFIN20070906_084130_000000402061_00236_28847_3582.N1	06-SEP-2007 08:41:30	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	28847	No
89	GOM_NL__2PRFIN20070906_084949_000000362061_00236_28847_3583.N1	06-SEP-2007 08:49:49	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	28847	No
90	GOM_NL__2PRFIN20070906_085732_000000342061_00236_28847_3584.N1	06-SEP-2007 08:57:32	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	28847	No
91	GOM_NL__2PRFIN20070906_091440_000000402061_00236_28847_3585.N1	06-SEP-2007 09:14:40	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28847	No
92	GOM_NL__2PRFIN20070906_092237_000000482061_00236_28847_3586.N1	06-SEP-2007 09:22:37	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	28847	No
93	GOM_NL__2PRFIN20070906_093040_000000602061_00236_28847_3587.N1	06-SEP-2007 09:30:40	Dark	59.500	1	9Alp CMa	-1.4400	11000.	119	28847	No
94	GOM_NL__2PRFIN20070906_093206_000000352061_00236_28847_3588.N1	06-SEP-2007 09:32:06	Dark	35.000	47	2Bet CMa	1.9760	28000.	70	28847	No
95	GOM_NL__2PRFIN20070906_093317_000000442061_00236_28847_3589.N1	06-SEP-2007 09:33:17	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	28847	No
96	GOM_NL__2PRFIN20070906_093443_000000452061_00236_28847_3590.N1	06-SEP-2007 09:34:43	Dark	45.000	117	Pi Pup	2.7060	3800.0	90	28847	No
97	GOM_NL__2PRFIN20070906_093818_000000472061_00236_28847_3591.N1	06-SEP-2007 09:38:18	Dark	46.500	108	Alp Col	2.6520	15200.	93	28847	No
98	GOM_NL__2PRFIN20070906_093956_000000472061_00236_28847_3592.N1	06-SEP-2007 09:39:56	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	28847	No
99	GOM_NL__2PRFIN20070906_095020_000000422061_00237_28848_3584.N1	06-SEP-2007 09:50:20	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	28848	No
100	GOM_NL__2PRFIN20070906_095140_000000452061_00237_28848_3585.N1	06-SEP-2007 09:51:40	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28848	No
101	GOM_NL__2PRFIN20070906_095735_000000502061_00237_28848_3586.N1	06-SEP-2007 09:57:35	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	28848	No

102	GOM_NL__2PRFIN20070906_100322_000000442061_00237_28848_3587.N1	06-SEP-2007 10:03:22	Straylight	44.000	18	24Alp PsA	1.1660	9700.0	88	28848	No
103	GOM_NL__2PRFIN20070906_101230_000000392061_00237_28848_3588.N1	06-SEP-2007 10:12:30	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28848	No
104	GOM_NL__2PRFIN20070906_101529_000000372061_00237_28848_3589.N1	06-SEP-2007 10:15:29	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	28848	No
105	GOM_NL__2PRFIN20070906_102206_000000422061_00237_28848_3590.N1	06-SEP-2007 10:22:06	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	28848	No
106	GOM_NL__2PRFIN20070906_103025_000000362061_00237_28848_3591.N1	06-SEP-2007 10:30:25	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28848	No
107	GOM_NL__2PRFIN20070906_103808_000000372061_00237_28848_3592.N1	06-SEP-2007 10:38:08	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28848	No
108	GOM_NL__2PRFIN20070906_105516_000000402061_00237_28848_3593.N1	06-SEP-2007 10:55:16	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	28848	No
109	GOM_NL__2PRFIN20070906_110313_000000522061_00237_28848_3594.N1	06-SEP-2007 11:03:13	Twilight	52.000	8	10Alp CMi	0.40000	6500.0	104	28848	No
110	GOM_NL__2PRFIN20070906_111117_000000542061_00237_28848_3595.N1	06-SEP-2007 11:11:17	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	28848	No
111	GOM_NL__2PRFIN20070906_111243_000000272061_00237_28848_3596.N1	06-SEP-2007 11:12:43	Dark	27.000	47	2Bet CMa	1.9760	28000.	54	28848	No
112	GOM_NL__2PRFIN20070906_111354_000000462061_00237_28848_3597.N1	06-SEP-2007 11:13:54	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	28848	No
113	GOM_NL__2PRFIN20070906_111519_000000442061_00237_28848_3598.N1	06-SEP-2007 11:15:19	Dark	44.000	117	Pi Pup	2.7060	3800.0	88	28848	No
114	GOM_NL__2PRFIN20070906_111854_000000472061_00237_28848_3599.N1	06-SEP-2007 11:18:54	Dark	47.000	108	Alp Col	2.6520	15200.	94	28848	No
115	GOM_NL__2PRFIN20070906_112033_000000442061_00237_28848_3600.N1	06-SEP-2007 11:20:33	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	28848	No
116	GOM_NL__2PRFIN20070906_113056_000000422061_00238_28849_3600.N1	06-SEP-2007 11:30:56	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	28849	No
117	GOM_NL__2PRFIN20070906_113217_000000462061_00238_28849_3601.N1	06-SEP-2007 11:32:17	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28849	No
118	GOM_NL__2PRFIN20070906_113812_000000462061_00238_28849_3602.N1	06-SEP-2007 11:38:12	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	28849	No
119	GOM_NL__2PRFIN20070906_114359_000000452061_00238_28849_3603.N1	06-SEP-2007 11:43:59	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28849	No
120	GOM_NL__2PRFIN20070906_115306_000000392061_00238_28849_3604.N1	06-SEP-2007 11:53:06	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28849	No
121	GOM_NL__2PRFIN20070906_115605_000000372061_00238_28849_3605.N1	06-SEP-2007 11:56:05	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	28849	No
122	GOM_NL__2PRFIN20070906_120241_000000402061_00238_28849_3606.N1	06-SEP-2007 12:02:41	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	28849	No
123	GOM_NL__2PRFIN20070906_121101_000000372061_00238_28849_3607.N1	06-SEP-2007 12:11:01	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28849	No
124	GOM_NL__2PRFIN20070906_123552_000000402061_00238_28849_3608.N1	06-SEP-2007 12:35:52	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28849	No
125	GOM_NL__2PRFIN20070906_124349_000000532061_00238_28849_3609.N1	06-SEP-2007 12:43:49	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	28849	No
126	GOM_NL__2PRFIN20070906_125153_000000502061_00238_28849_3610.N1	06-SEP-2007 12:51:53	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	28849	No
127	GOM_NL__2PRFIN20070906_125320_000000272061_00238_28849_3611.N1	06-SEP-2007 12:53:20	Dark	27.000	47	2Bet CMa	1.9760	28000.	54	28849	No
128	GOM_NL__2PRFIN20070906_125430_000000452061_00238_28849_3612.N1	06-SEP-2007 12:54:30	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28849	No
129	GOM_NL__2PRFIN20070906_125556_000000412061_00238_28849_3613.N1	06-SEP-2007 12:55:56	Dark	41.000	117	Pi Pup	2.7060	3800.0	82	28849	No
130	GOM_NL__2PRFIN20070906_125931_000000482061_00238_28849_3614.N1	06-SEP-2007 12:59:31	Dark	47.500	108	Alp Col	2.6520	15200.	95	28849	No
131	GOM_NL__2PRFIN20070906_130109_000000532061_00238_28849_3615.N1	06-SEP-2007 13:01:09	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	28849	No
132	GOM_NL__2PRFIN20070906_131133_000000402061_00239_28850_3620.N1	06-SEP-2007 13:11:33	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28850	No
133	GOM_NL__2PRFIN20070906_131253_000000452061_00239_28850_3621.N1	06-SEP-2007 13:12:53	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28850	No
134	GOM_NL__2PRFIN20070906_131848_000000462061_00239_28850_3622.N1	06-SEP-2007 13:18:48	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	28850	No
135	GOM_NL__2PRFIN20070906_132435_000000452061_00239_28850_3623.N1	06-SEP-2007 13:24:35	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28850	No
136	GOM_NL__2PRFIN20070906_133342_000000392061_00239_28850_3624.N1	06-SEP-2007 13:33:42	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28850	No
137	GOM_NL__2PRFIN20070906_133641_000000372061_00239_28850_3625.N1	06-SEP-2007 13:36:41	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	28850	No
138	GOM_NL__2PRFIN20070906_134317_000000412061_00239_28850_3626.N1	06-SEP-2007 13:43:17	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	28850	No
139	GOM_NL__2PRFIN20070906_135137_000000372061_00239_28850_3627.N1	06-SEP-2007 13:51:37	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28850	No
140	GOM_NL__2PRFIN20070906_135919_000000352061_00239_28850_3628.N1	06-SEP-2007 13:59:19	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	28850	No
141	GOM_NL__2PRFIN20070906_141628_000000412061_00239_28850_3629.N1	06-SEP-2007 14:16:28	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	28850	No
142	GOM_NL__2PRFIN20070906_142426_000000532061_00239_28850_3630.N1	06-SEP-2007 14:24:26	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	28850	No
143	GOM_NL__2PRFIN20070906_143230_000000582061_00239_28850_3631.N1	06-SEP-2007 14:32:30	Dark	58.000	1	9Alp CMa	-1.4400	11000.	116	28850	No
144	GOM_NL__2PRFIN20070906_143507_000000452061_00239_28850_3632.N1	06-SEP-2007 14:35:07	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	28850	No
145	GOM_NL__2PRFIN20070906_143632_000000432061_00239_28850_3633.N1	06-SEP-2007 14:36:32	Dark	42.500	117	Pi Pup	2.7060	3800.0	85	28850	No
146	GOM_NL__2PRFIN20070906_144008_000000472061_00239_28850_3634.N1	06-SEP-2007 14:40:08	Dark	47.000	108	Alp Col	2.6520	15200.	94	28850	No
147	GOM_NL__2PRFIN20070906_145209_000000402061_00240_28851_3627.N1	06-SEP-2007 14:52:09	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28851	No
148	GOM_NL__2PRFIN20070906_145330_000000442061_00240_28851_3628.N1	06-SEP-2007 14:53:30	Dark	43.500	9	Alp Eri	0.45300	24000.	87	28851	No
149	GOM_NL__2PRFIN20070906_145924_000000492061_00240_28851_3629.N1	06-SEP-2007 14:59:24	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	28851	No
150	GOM_NL__2PRFIN20070906_150511_000000452061_00240_28851_3630.N1	06-SEP-2007 15:05:11	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	28851	No
151	GOM_NL__2PRFIN20070906_151418_000000392061_00240_28851_3631.N1	06-SEP-2007 15:14:18	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28851	No
152	GOM_NL__2PRFIN20070906_151717_000000372061_00240_28851_3632.N1	06-SEP-2007 15:17:17	Bright	36.500	61	8Eps Peg	2.1000	3900.0	73	28851	No
153	GOM_NL__2PRFIN20070906_152352_000000412061_00240_28851_3633.N1	06-SEP-2007 15:23:52	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	28851	No
154	GOM_NL__2PRFIN20070906_153213_000000342061_00240_28851_3634.N1	06-SEP-2007 15:32:13	Bright	33.500	89	5Alp Cep	2.4510	8000.0	67	28851	No
155	GOM_NL__2PRFIN20070906_153955_000000362061_00240_28851_3635.N1	06-SEP-2007 15:39:55	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28851	No
156	GOM_NL__2PRFIN20070906_155704_000000442061_00240_28851_3636.N1	06-SEP-2007 15:57:04	Bright	44.000	24	66Alp Gem	1.5800	10200.	88	28851	No
157	GOM_NL__2PRFIN20070906_160502_000000552061_00240_28851_3637.N1	06-SEP-2007 16:05:02	Twilight	54.500	8	10Alp CMi	0.40000	6500.0	109	28851	No
158	GOM_NL__2PRFIN20070906_161306_000000562061_00240_28851_3638.N1	06-SEP-2007 16:13:06	Dark	56.000	1	9Alp CMa	-1.4400	11000.	112	28851	No
159	GOM_NL__2PRFIN20070906_161544_000000452061_00240_28851_3639.N1	06-SEP-2007 16:15:44	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28851	No
160	GOM_NL__2PRFIN20070906_161709_000000422061_00240_28851_3640.N1	06-SEP-2007 16:17:09	Dark	42.000	117	Pi Pup	2.7060	3800.0	84	28851	No



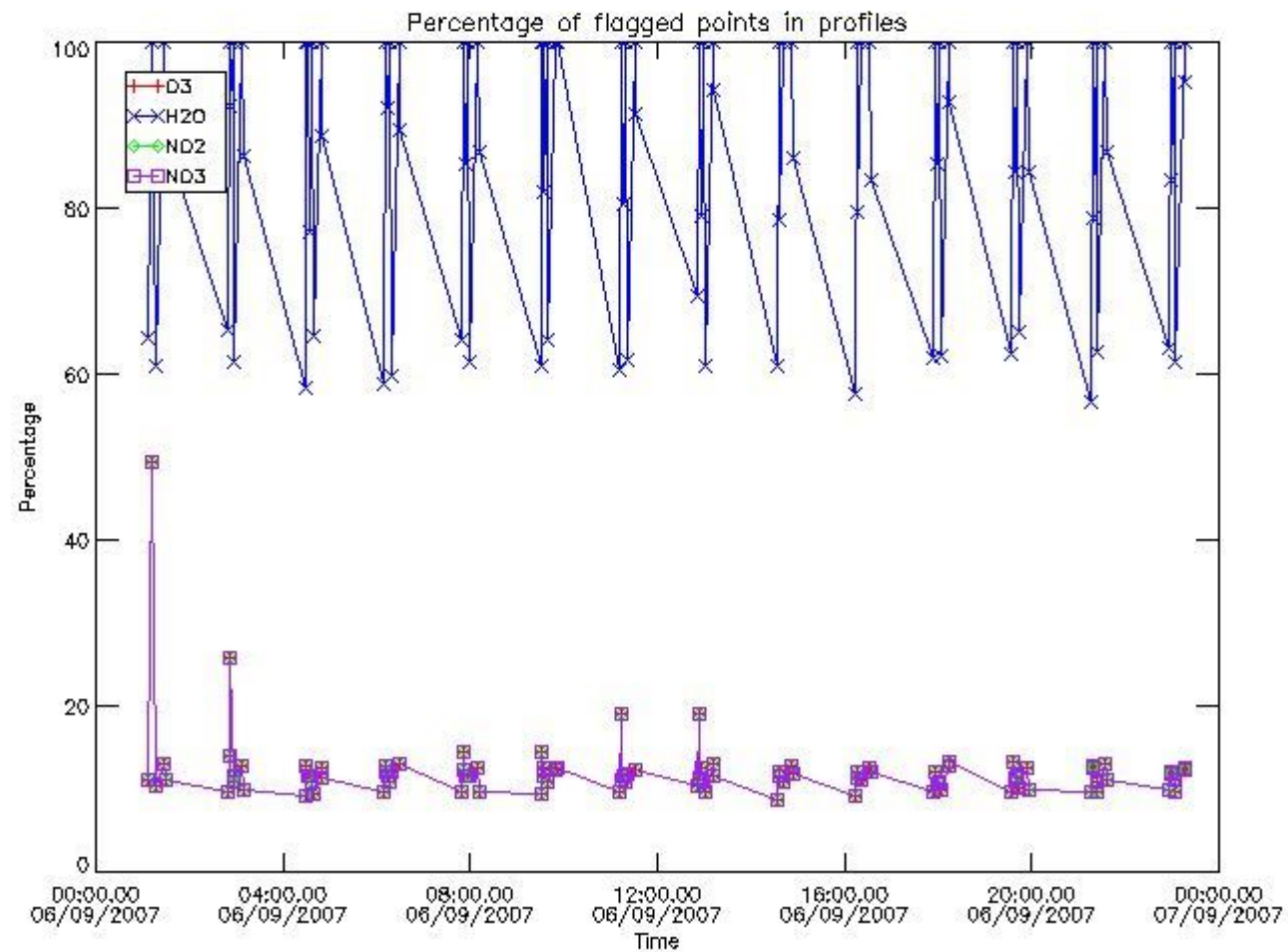
161	GOM_NL__2PRFIN20070906_162045_000000462061_00240_28851_3641.N1	06-SEP-2007 16:20:45	Dark	46.000	108	Alp Col	2.6520	15200.	92	28851	No
162	GOM_NL__2PRFIN20070906_163246_000000412061_00241_28852_3655.N1	06-SEP-2007 16:32:46	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	28852	No
163	GOM_NL__2PRFIN20070906_163406_000000432061_00241_28852_3656.N1	06-SEP-2007 16:34:06	Dark	42.500	9	Alp Eri	0.45300	24000.	85	28852	No
164	GOM_NL__2PRFIN20070906_164001_000000512061_00241_28852_3657.N1	06-SEP-2007 16:40:01	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	28852	No
165	GOM_NL__2PRFIN20070906_164547_000000462061_00241_28852_3658.N1	06-SEP-2007 16:45:47	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	28852	No
166	GOM_NL__2PRFIN20070906_165454_000000392061_00241_28852_3659.N1	06-SEP-2007 16:54:54	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28852	No
167	GOM_NL__2PRFIN20070906_165752_000000382061_00241_28852_3660.N1	06-SEP-2007 16:57:52	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28852	No
168	GOM_NL__2PRFIN20070906_170428_000000412061_00241_28852_3661.N1	06-SEP-2007 17:04:28	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	28852	No
169	GOM_NL__2PRFIN20070906_171248_000000342061_00241_28852_3662.N1	06-SEP-2007 17:12:48	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	28852	No
170	GOM_NL__2PRFIN20070906_172031_000000372061_00241_28852_3663.N1	06-SEP-2007 17:20:31	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28852	No
171	GOM_NL__2PRFIN20070906_173741_000000402061_00241_28852_3664.N1	06-SEP-2007 17:37:41	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28852	No
172	GOM_NL__2PRFIN20070906_174538_000000562061_00241_28852_3665.N1	06-SEP-2007 17:45:38	Twilight	56.000	8	10Alp CMi	0.40000	6500.0	112	28852	No
173	GOM_NL__2PRFIN20070906_175343_000000532061_00241_28852_3666.N1	06-SEP-2007 17:53:43	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	28852	No
174	GOM_NL__2PRFIN20070906_175620_000000422061_00241_28852_3667.N1	06-SEP-2007 17:56:20	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	28852	No
175	GOM_NL__2PRFIN20070906_175745_000000482061_00241_28852_3668.N1	06-SEP-2007 17:57:45	Dark	48.000	117	Pi Pup	2.7060	3800.0	96	28852	No
176	GOM_NL__2PRFIN20070906_180122_000000472061_00241_28852_3669.N1	06-SEP-2007 18:01:22	Dark	47.000	108	Alp Col	2.6520	15200.	94	28852	No
177	GOM_NL__2PRFIN20070906_180258_000000522061_00241_28852_3670.N1	06-SEP-2007 18:02:58	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	28852	No
178	GOM_NL__2PRFIN20070906_181322_000000402061_00242_28853_3658.N1	06-SEP-2007 18:13:22	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28853	No
179	GOM_NL__2PRFIN20070906_181443_000000422061_00242_28853_3659.N1	06-SEP-2007 18:14:43	Dark	42.000	9	Alp Eri	0.45300	24000.	84	28853	No
180	GOM_NL__2PRFIN20070906_182037_000000532061_00242_28853_3660.N1	06-SEP-2007 18:20:37	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	28853	No
181	GOM_NL__2PRFIN20070906_182623_000000482061_00242_28853_3661.N1	06-SEP-2007 18:26:23	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	28853	No
182	GOM_NL__2PRFIN20070906_183530_000000392061_00242_28853_3662.N1	06-SEP-2007 18:35:30	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28853	No
183	GOM_NL__2PRFIN20070906_183828_000000372061_00242_28853_3663.N1	06-SEP-2007 18:38:28	Bright	36.500	61	8Eps Peg	2.1000	3900.0	73	28853	No
184	GOM_NL__2PRFIN20070906_184504_000000412061_00242_28853_3664.N1	06-SEP-2007 18:45:04	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	28853	No
185	GOM_NL__2PRFIN20070906_185324_000000372061_00242_28853_3665.N1	06-SEP-2007 18:53:24	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28853	No
186	GOM_NL__2PRFIN20070906_190107_000000372061_00242_28853_3666.N1	06-SEP-2007 19:01:07	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28853	No
187	GOM_NL__2PRFIN20070906_191817_000000402061_00242_28853_3667.N1	06-SEP-2007 19:18:17	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28853	No
188	GOM_NL__2PRFIN20070906_192615_000000552061_00242_28853_3668.N1	06-SEP-2007 19:26:15	Twilight	55.000	8	10Alp CMi	0.40000	6500.0	110	28853	No
189	GOM_NL__2PRFIN20070906_193420_000000542061_00242_28853_3669.N1	06-SEP-2007 19:34:20	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	28853	No
190	GOM_NL__2PRFIN20070906_193657_000000422061_00242_28853_3670.N1	06-SEP-2007 19:36:57	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	28853	No
191	GOM_NL__2PRFIN20070906_193821_000000452061_00242_28853_3671.N1	06-SEP-2007 19:38:21	Dark	45.000	117	Pi Pup	2.7060	3800.0	90	28853	No
192	GOM_NL__2PRFIN20070906_194159_000000482061_00242_28853_3672.N1	06-SEP-2007 19:41:59	Dark	48.000	108	Alp Col	2.6520	15200.	96	28853	No
193	GOM_NL__2PRFIN20070906_194335_000000552061_00242_28853_3673.N1	06-SEP-2007 19:43:35	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	28853	No
194	GOM_NL__2PRFIN20070906_195359_000000412061_00243_28854_3683.N1	06-SEP-2007 19:53:59	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28854	No
195	GOM_NL__2PRFIN20070906_195519_000000522061_00243_28854_3684.N1	06-SEP-2007 19:55:19	Dark	51.500	9	Alp Eri	0.45300	24000.	103	28854	No
196	GOM_NL__2PRFIN20070906_200114_000000532061_00243_28854_3685.N1	06-SEP-2007 20:01:14	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	28854	No
197	GOM_NL__2PRFIN20070906_200659_000000452061_00243_28854_3686.N1	06-SEP-2007 20:06:59	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28854	No
198	GOM_NL__2PRFIN20070906_201606_000000382061_00243_28854_3687.N1	06-SEP-2007 20:16:06	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28854	No
199	GOM_NL__2PRFIN20070906_201904_000000362061_00243_28854_3688.N1	06-SEP-2007 20:19:04	Bright	36.000	61	8Eps Peg	2.1000	3900.0	72	28854	No
200	GOM_NL__2PRFIN20070906_202539_000000402061_00243_28854_3689.N1	06-SEP-2007 20:25:39	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	28854	No
201	GOM_NL__2PRFIN20070906_203400_000000372061_00243_28854_3690.N1	06-SEP-2007 20:34:00	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28854	No
202	GOM_NL__2PRFIN20070906_204143_000000372061_00243_28854_3691.N1	06-SEP-2007 20:41:43	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28854	No
203	GOM_NL__2PRFIN20070906_205853_000000402061_00243_28854_3692.N1	06-SEP-2007 20:58:53	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	28854	No
204	GOM_NL__2PRFIN20070906_210651_000000472061_00243_28854_3693.N1	06-SEP-2007 21:06:51	Twilight	46.500	8	10Alp CMi	0.40000	6500.0	93	28854	No
205	GOM_NL__2PRFIN20070906_211457_000000542061_00243_28854_3694.N1	06-SEP-2007 21:14:57	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	28854	No
206	GOM_NL__2PRFIN20070906_211733_000000442061_00243_28854_3695.N1	06-SEP-2007 21:17:33	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	28854	No
207	GOM_NL__2PRFIN20070906_211858_000000412061_00243_28854_3696.N1	06-SEP-2007 21:18:58	Dark	40.500	117	Pi Pup	2.7060	3800.0	81	28854	No
208	GOM_NL__2PRFIN20070906_212236_000000472061_00243_28854_3697.N1	06-SEP-2007 21:22:36	Dark	46.500	108	Alp Col	2.6520	15200.	93	28854	No
209	GOM_NL__2PRFIN20070906_212411_000000532061_00243_28854_3698.N1	06-SEP-2007 21:24:11	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	28854	No
210	GOM_NL__2PRFIN20070906_213435_000000402061_00244_28855_3735.N1	06-SEP-2007 21:34:35	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28855	No
211	GOM_NL__2PRFIN20070906_213556_000000462061_00244_28855_3736.N1	06-SEP-2007 21:35:56	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28855	No
212	GOM_NL__2PRFIN20070906_214150_000000522061_00244_28855_3737.N1	06-SEP-2007 21:41:50	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	28855	No
213	GOM_NL__2PRFIN20070906_214735_000000472061_00244_28855_3738.N1	06-SEP-2007 21:47:35	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	28855	No
214	GOM_NL__2PRFIN20070906_215641_000000382061_00244_28855_3739.N1	06-SEP-2007 21:56:41	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28855	No
215	GOM_NL__2PRFIN20070906_215940_000000372061_00244_28855_3740.N1	06-SEP-2007 21:59:40	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	28855	No
216	GOM_NL__2PRFIN20070906_220615_000000412061_00244_28855_3741.N1	06-SEP-2007 22:06:15	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	28855	No
217	GOM_NL__2PRFIN20070906_221436_000000352061_00244_28855_3742.N1	06-SEP-2007 22:14:36	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	28855	No
218	GOM_NL__2PRFIN20070906_222219_000000362061_00244_28855_3743.N1	06-SEP-2007 22:22:19	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28855	No
219	GOM_NL__2PRFIN20070906_223929_000000412061_00244_28855_3744.N1	06-SEP-2007 22:39:29	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	28855	No

220	GOM_NL__2PRFIN20070906_224727_000000502061_00244_28855_3745.N1	06-SEP-2007 22:47:27	Twilight	50.000	8	10Alp CMi	0.40000	6500.0	100	28855	No
221	GOM_NL__2PRFIN20070906_225533_000000522061_00244_28855_3746.N1	06-SEP-2007 22:55:33	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	28855	No
222	GOM_NL__2PRFIN20070906_225810_000000432061_00244_28855_3747.N1	06-SEP-2007 22:58:10	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	28855	No
223	GOM_NL__2PRFIN20070906_225934_000000432061_00244_28855_3748.N1	06-SEP-2007 22:59:34	Dark	42.500	117	Pi Pup	2.7060	3800.0	85	28855	No
224	GOM_NL__2PRFIN20070906_230313_000000462061_00244_28855_3749.N1	06-SEP-2007 23:03:13	Dark	46.000	108	Alp Col	2.6520	15200.	92	28855	No
225	GOM_NL__2PRFIN20070906_230448_000000542061_00244_28855_3750.N1	06-SEP-2007 23:04:48	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	28855	No
226	GOM_NL__2PRFIN20070906_231511_000000412061_00245_28856_3721.N1	06-SEP-2007 23:15:11	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	28856	No
227	GOM_NL__2PRFIN20070906_231632_000000422061_00245_28856_3722.N1	06-SEP-2007 23:16:32	Dark	41.500	9	Alp Eri	0.45300	24000.	83	28856	No
228	GOM_NL__2PRFIN20070906_232227_000000472061_00245_28856_3723.N1	06-SEP-2007 23:22:27	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	28856	No
229	GOM_NL__2PRFIN20070906_232811_000000452061_00245_28856_3724.N1	06-SEP-2007 23:28:11	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28856	No
230	GOM_NL__2PRFIN20070906_233717_000000392061_00245_28856_3725.N1	06-SEP-2007 23:37:17	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28856	No
231	GOM_NL__2PRFIN20070906_234016_000000382061_00245_28856_3726.N1	06-SEP-2007 23:40:16	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28856	No
232	GOM_NL__2PRFIN20070906_234650_000000422061_00245_28856_3727.N1	06-SEP-2007 23:46:50	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	28856	No
233	GOM_NL__2PRFIN20070906_235512_000000372061_00245_28856_3728.N1	06-SEP-2007 23:55:12	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28856	No

### 3. Quality information per product

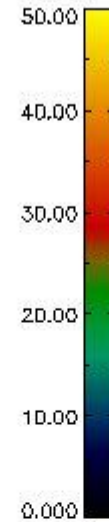
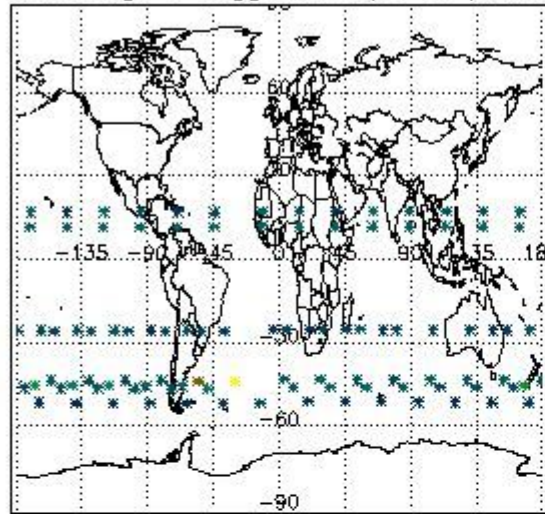
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

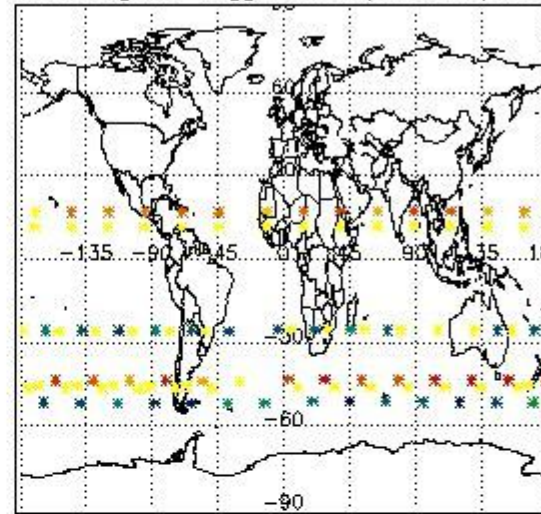


#### 3.2 Plot quality information per product (world map)

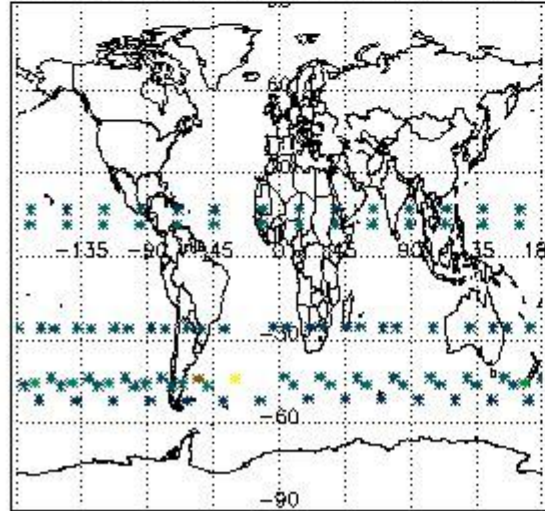
Percentage of flagged data per O3 profile



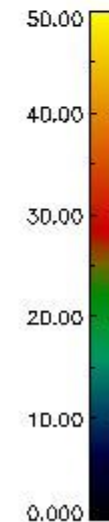
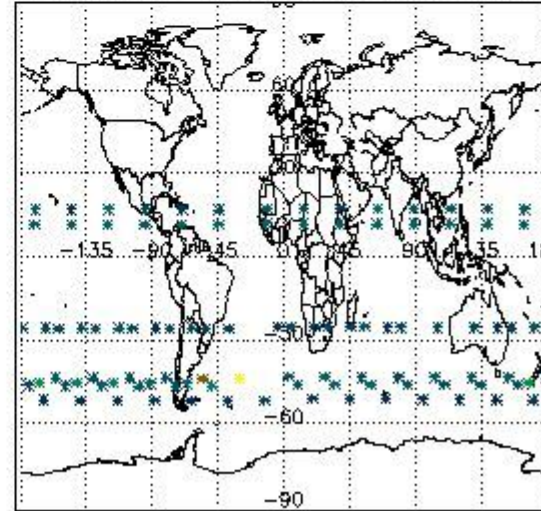
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



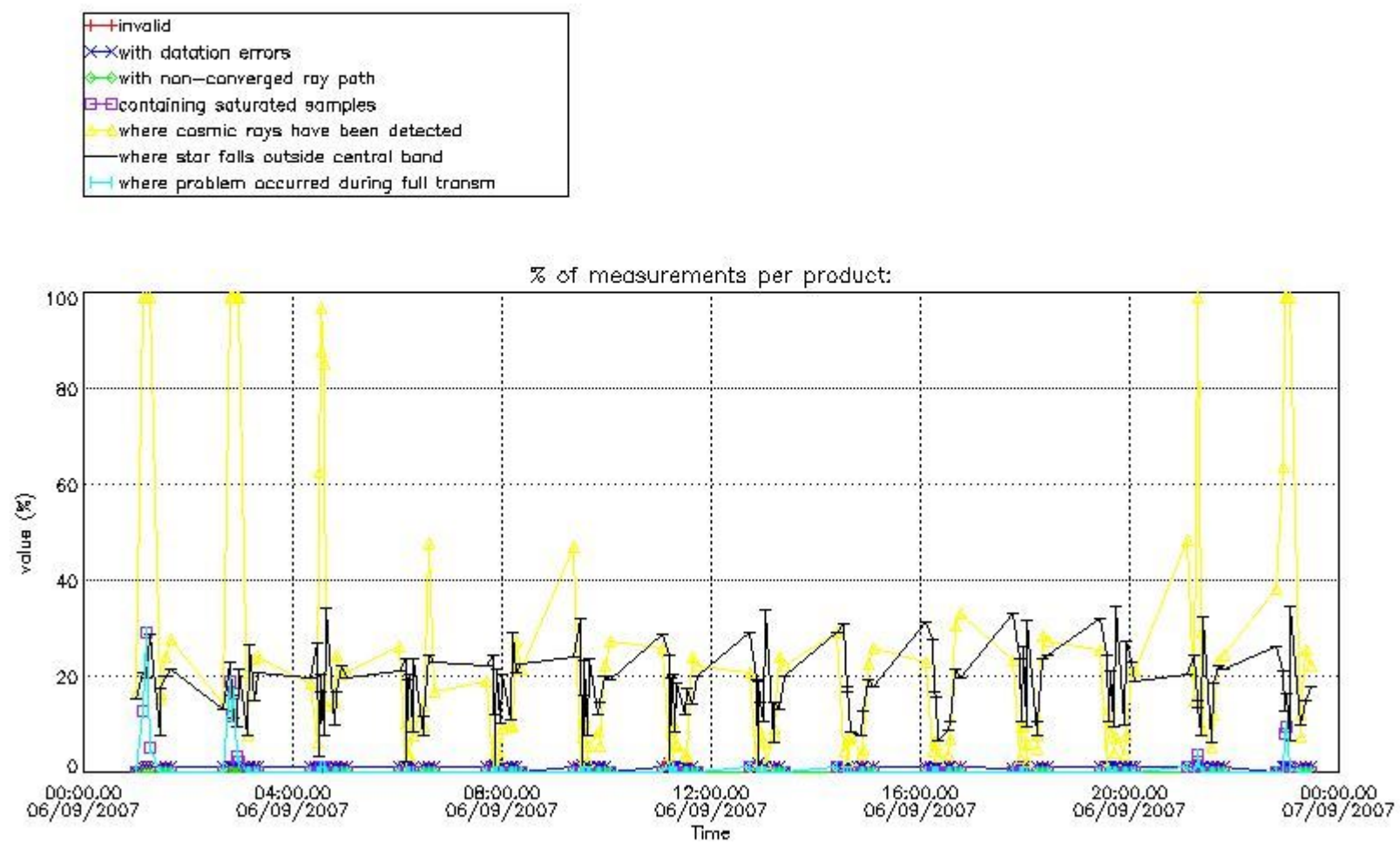
#### 4. Level 1 quality information per product

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

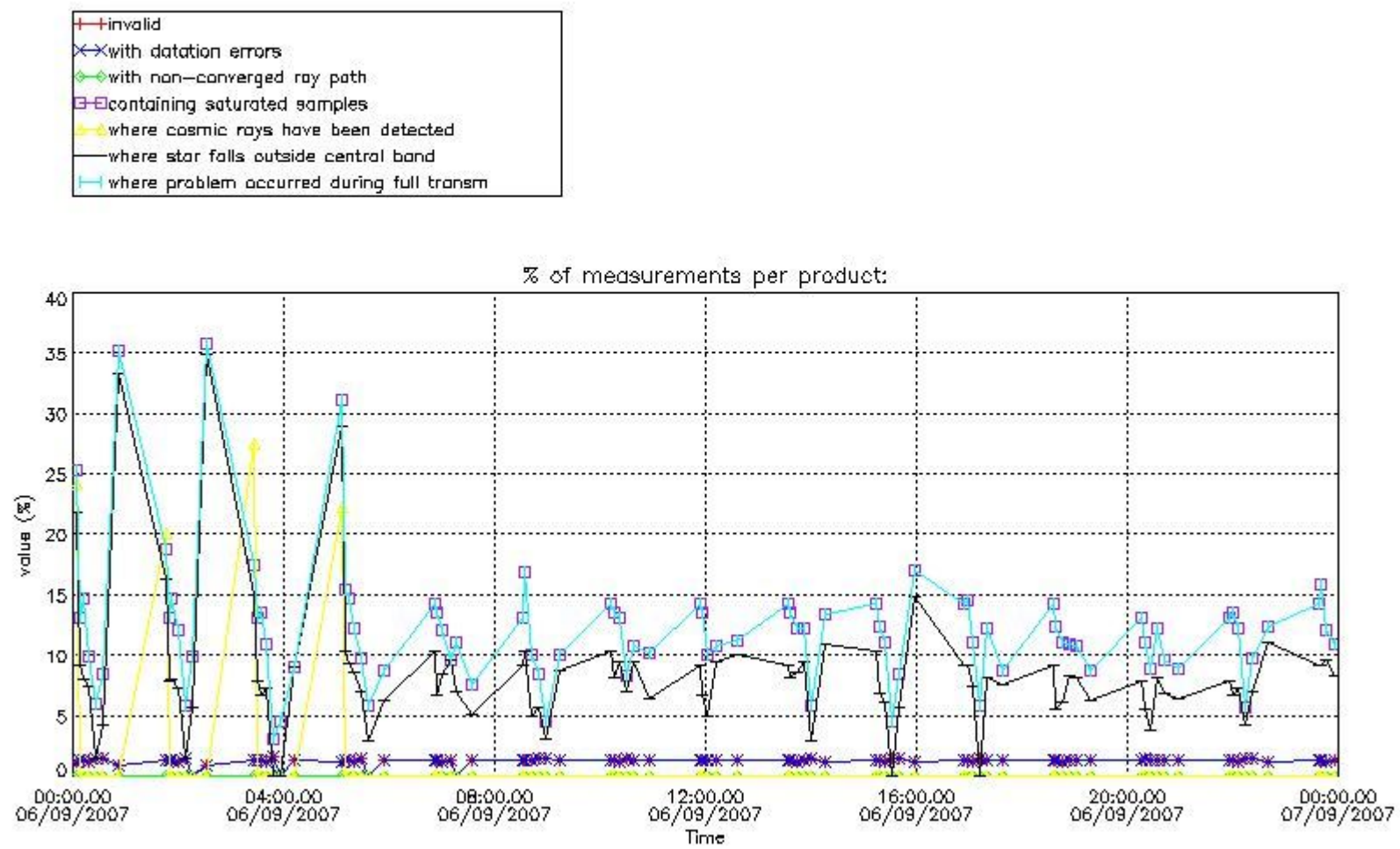
##### 4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes





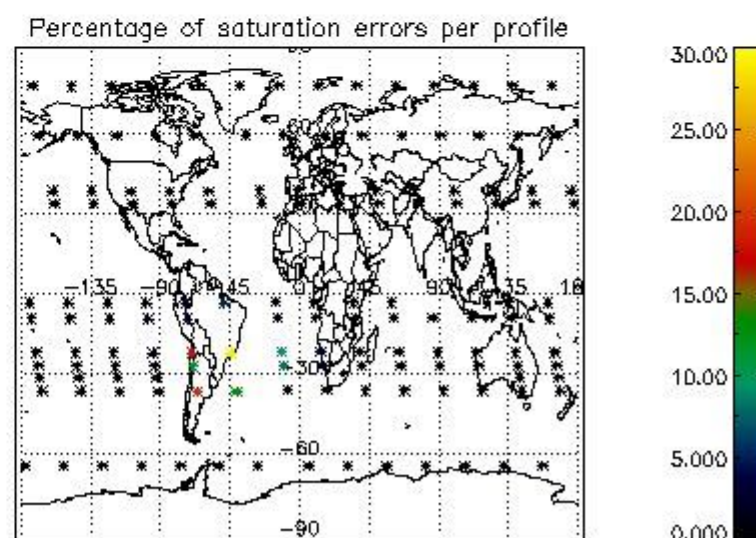
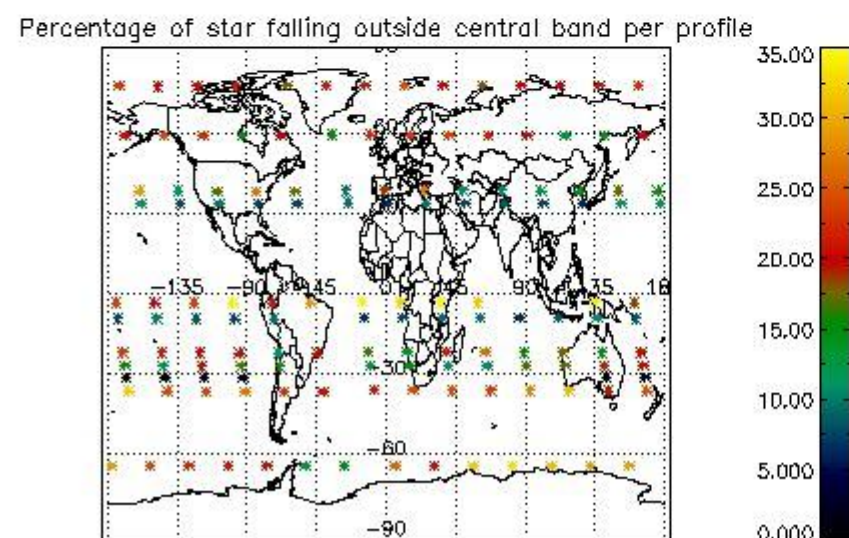
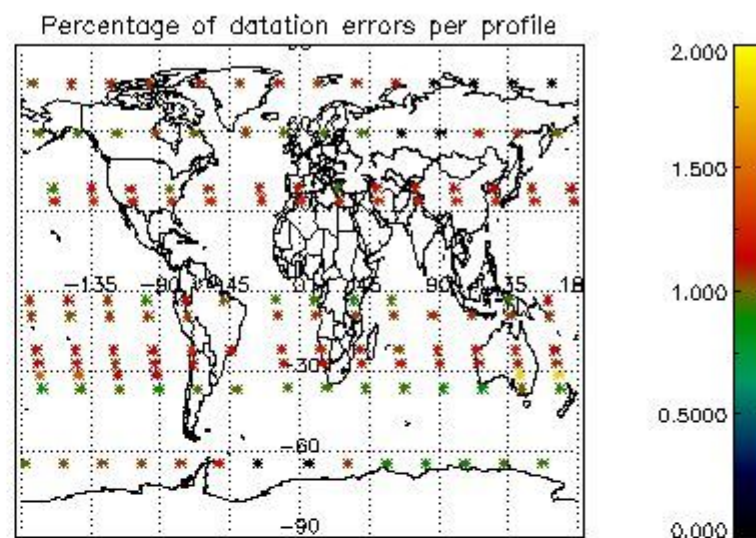
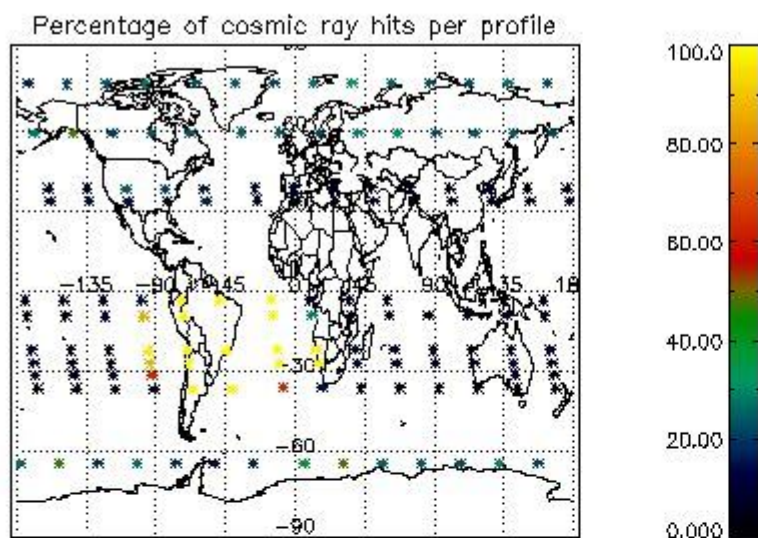
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes





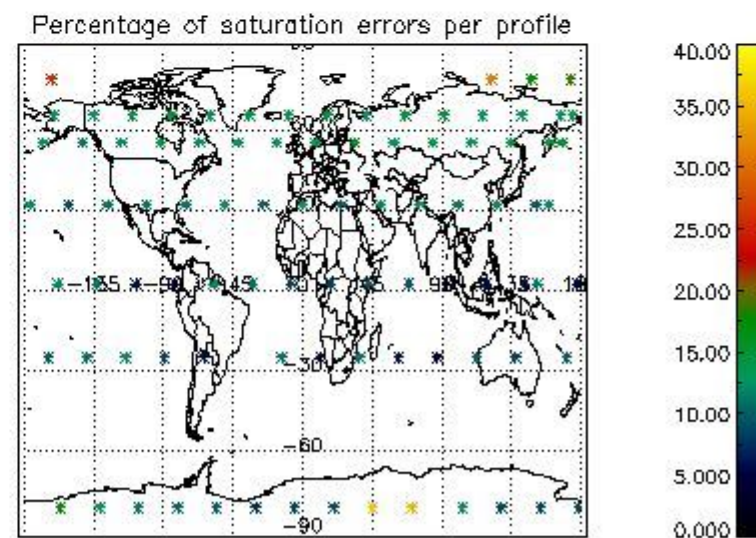
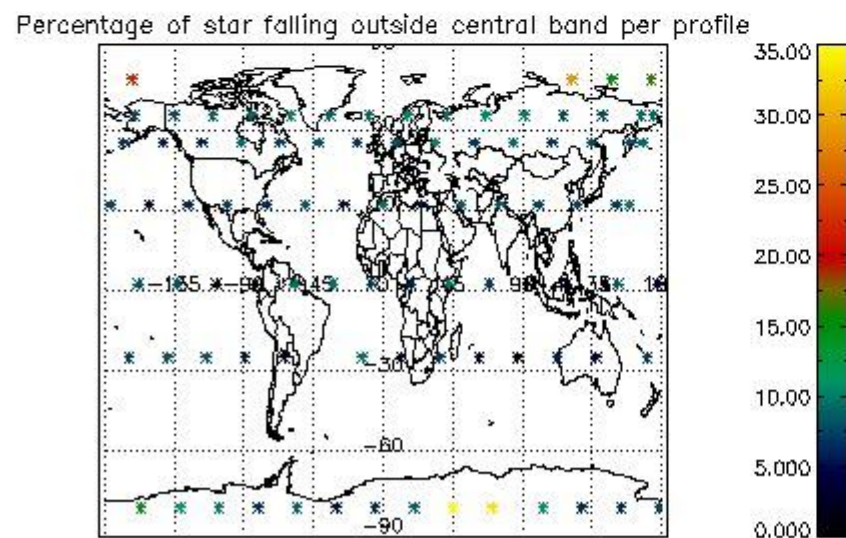
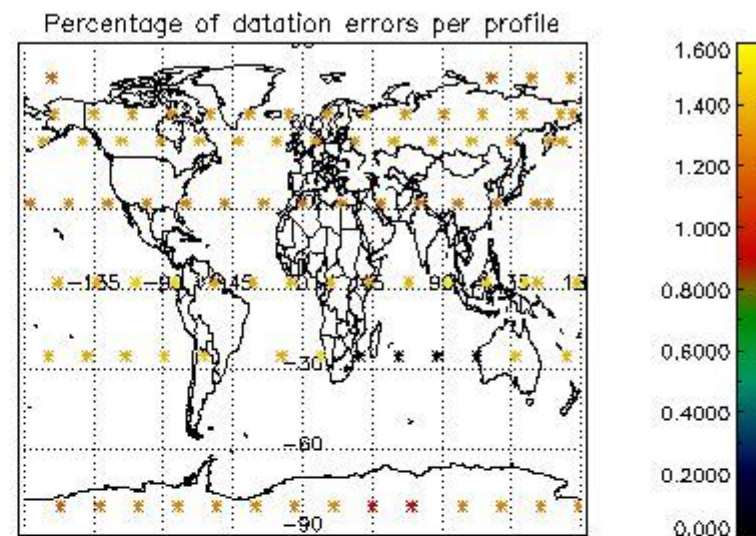
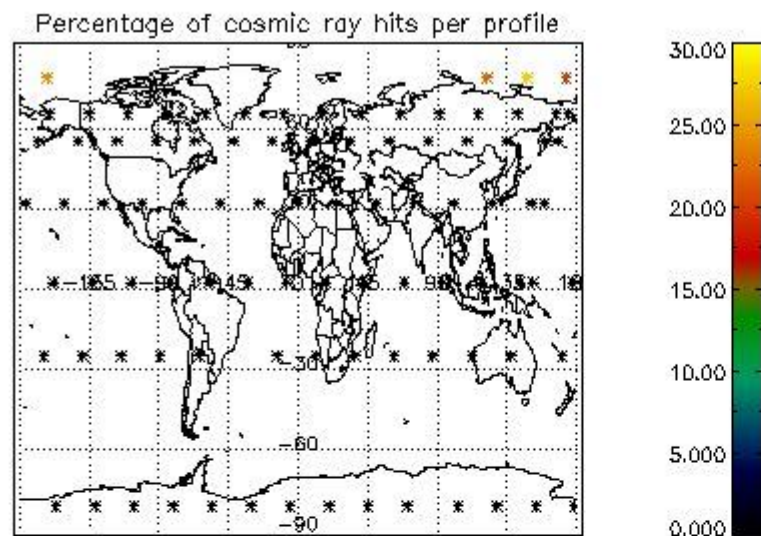
*4.2 Plot quality information per product coming from level 1b processing (world map)*

*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.

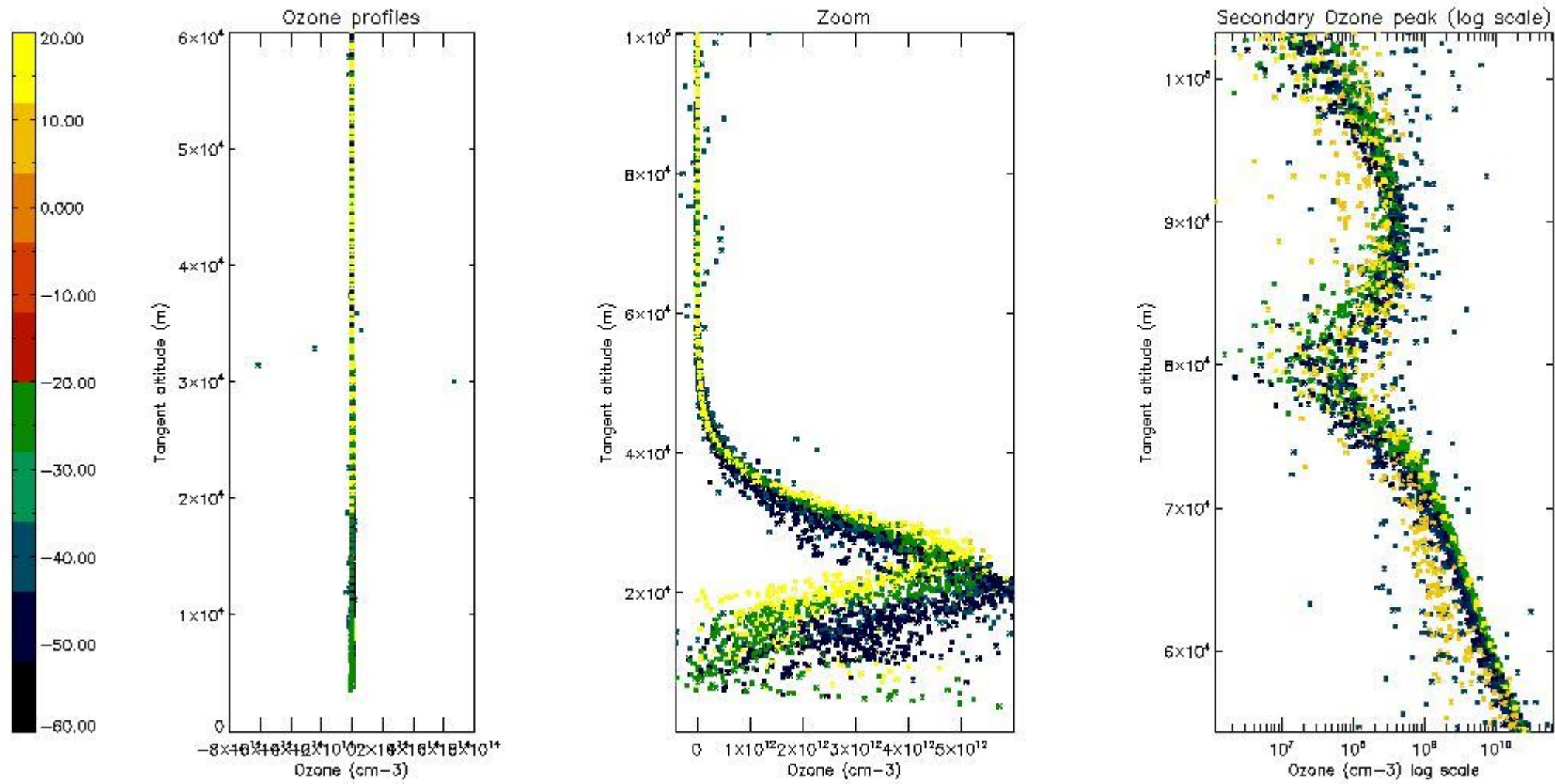
Criteria	% of total production
All STD	46
STD < 20	28



STD < 10	23
STD < 5	18

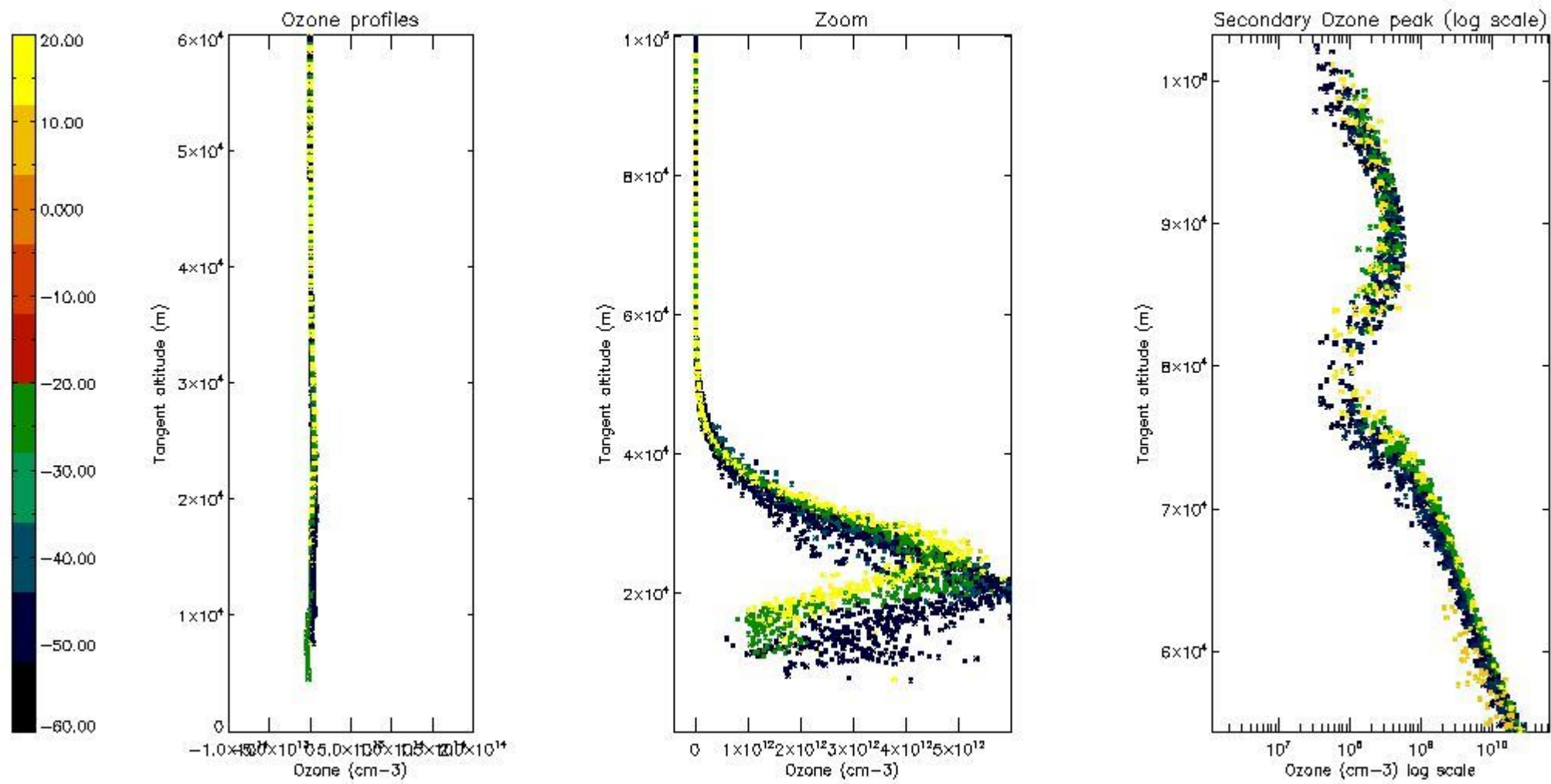
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



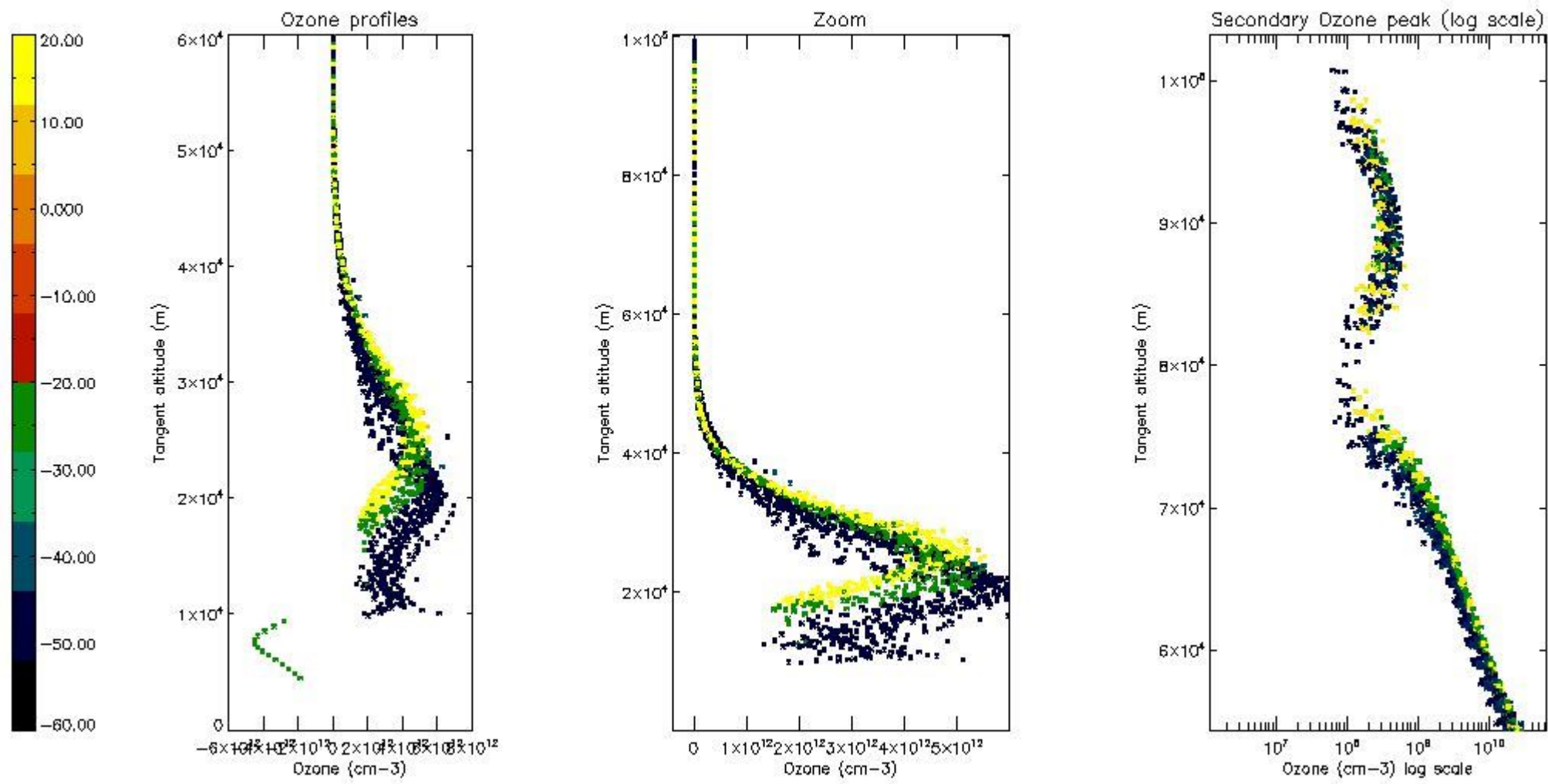
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

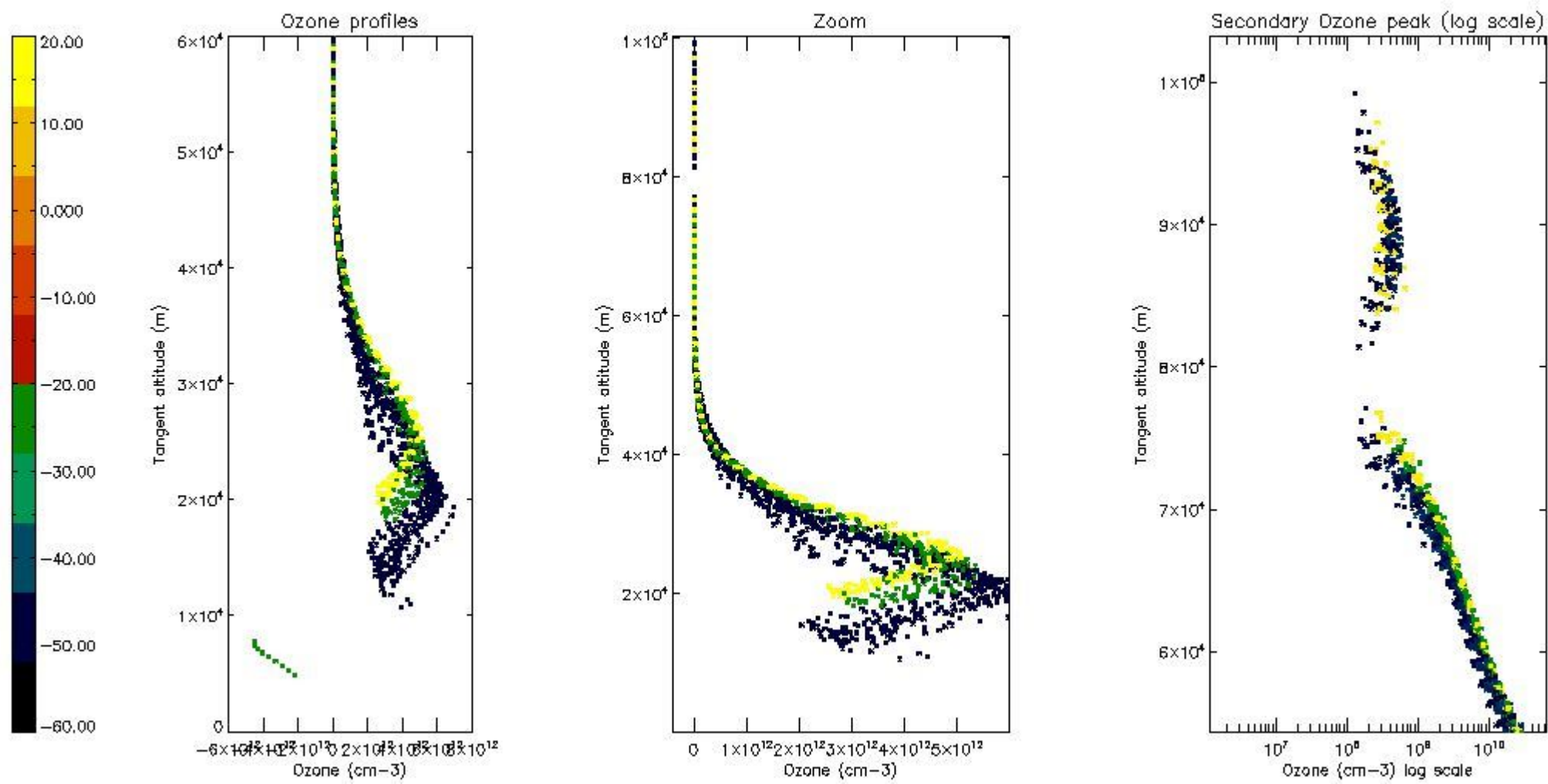
The colorbar represents the latitude.



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

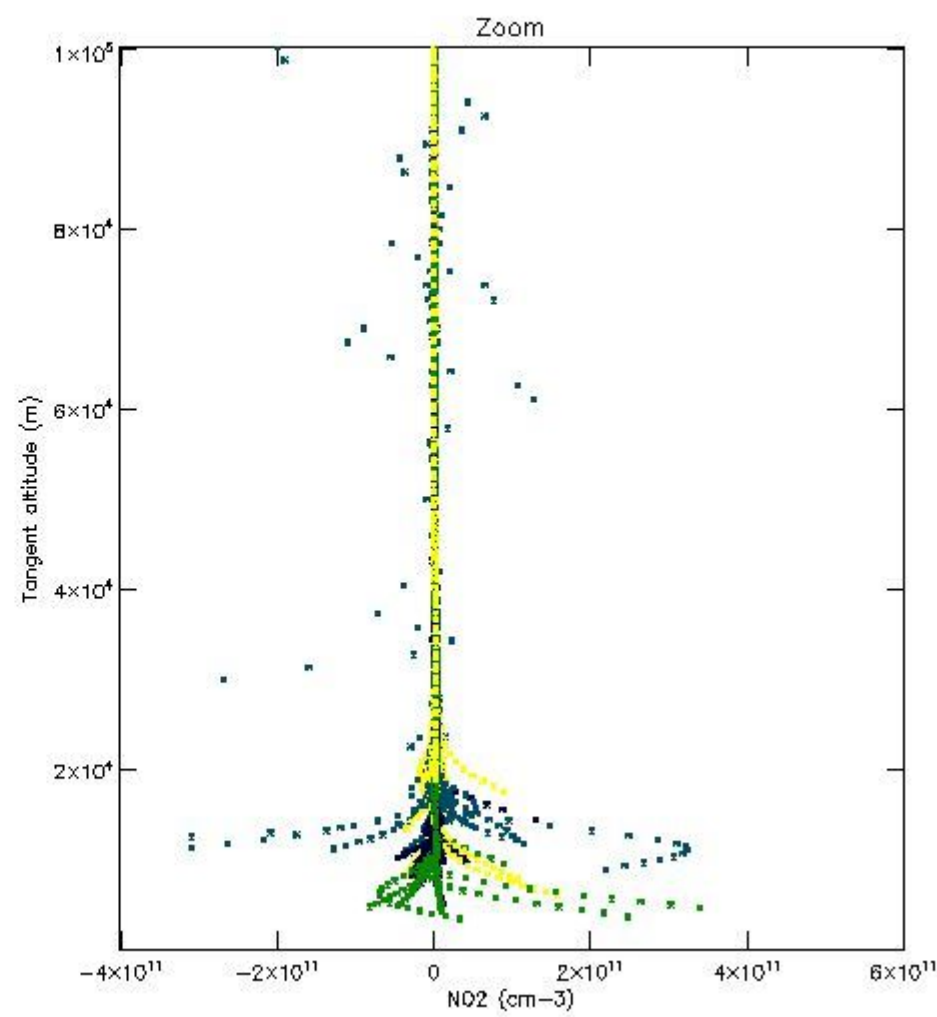
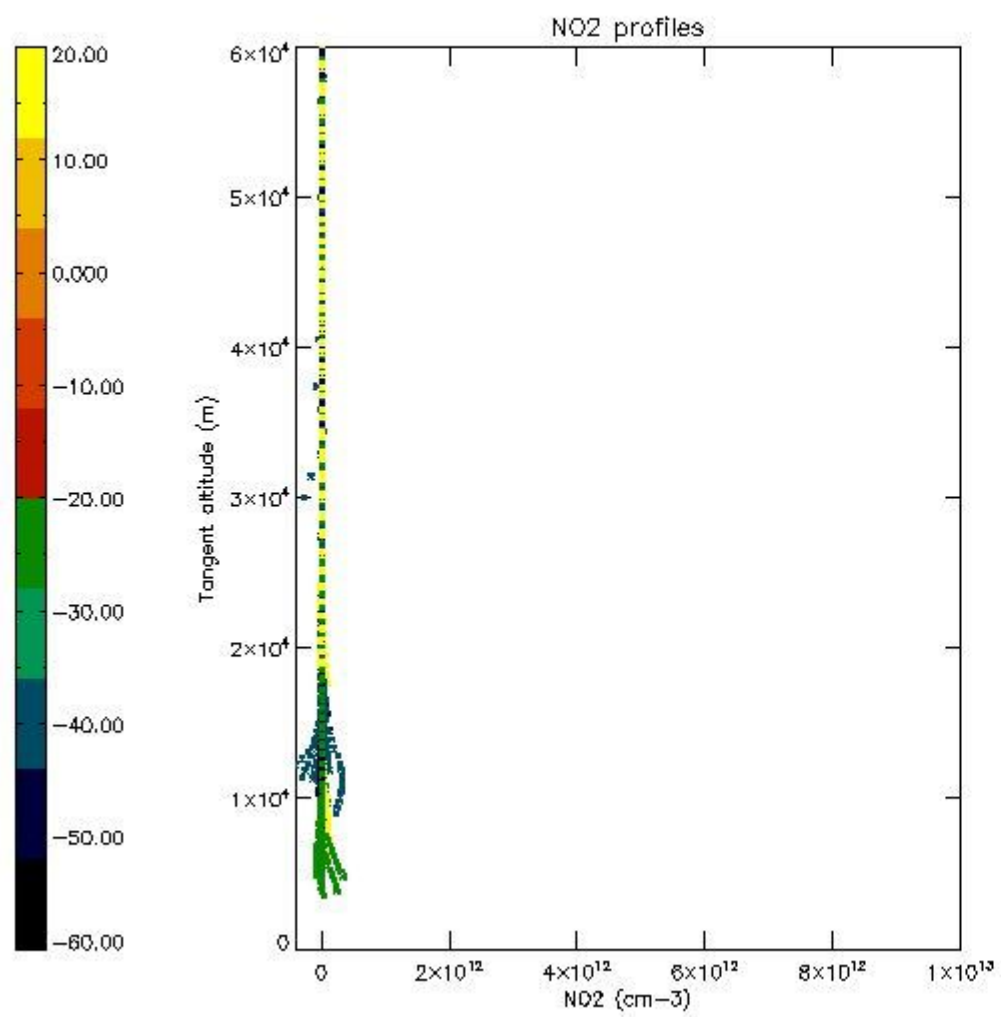
The colorbar represents the latitude.





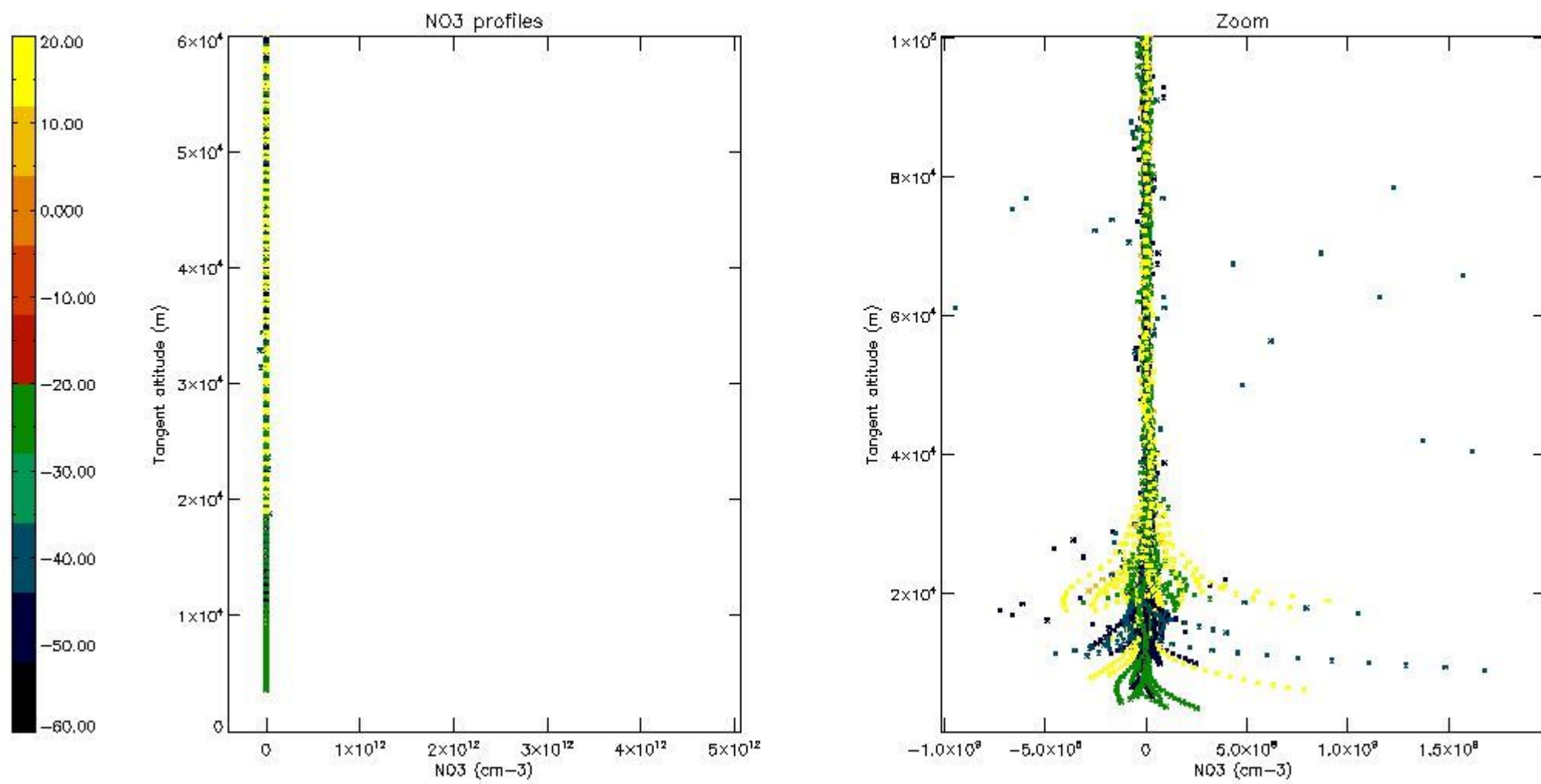
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

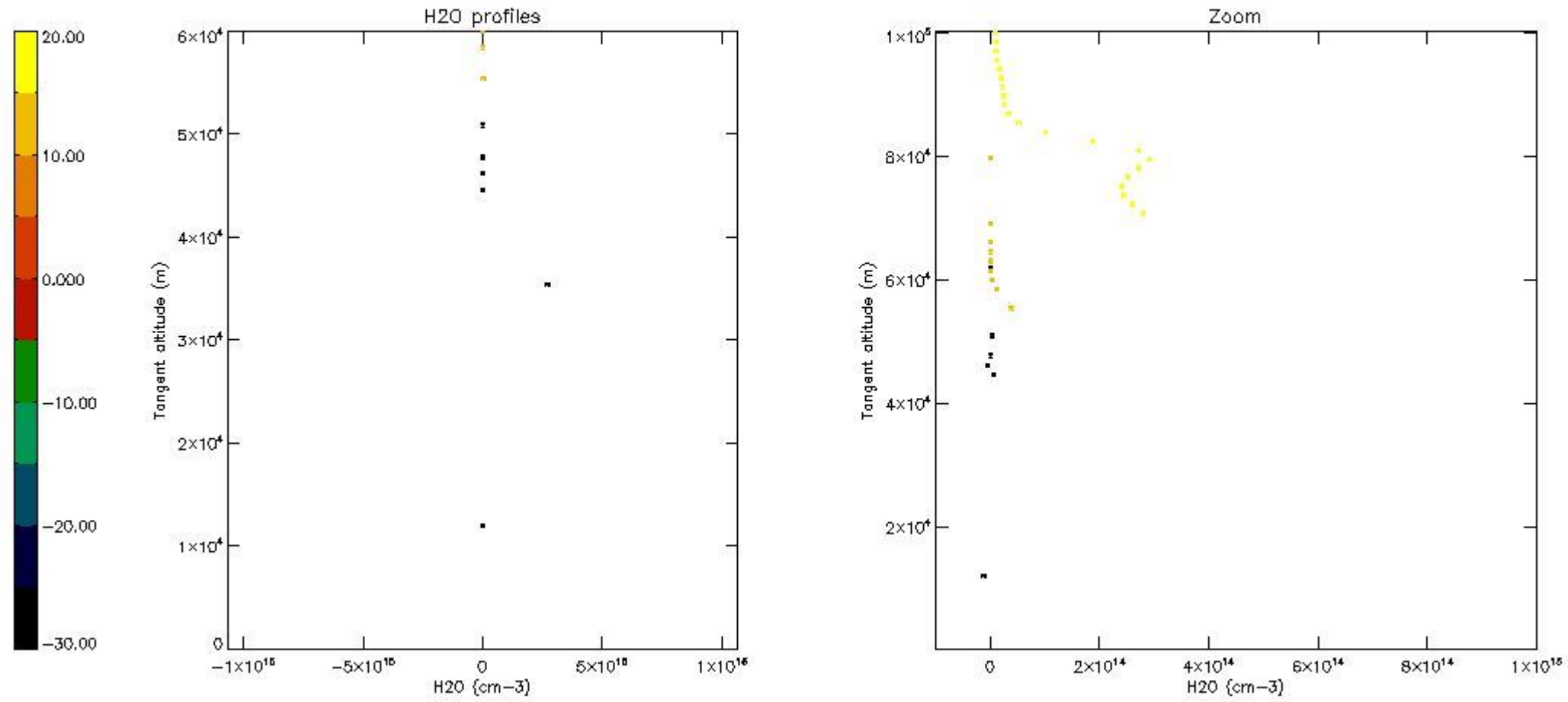
The colorbar represents the latitude.



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

The colorbar represents the latitude.





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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	06-SEP-2007 00:04:27
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	06-SEP-2007 00:04:27
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	06-SEP-2007 00:04:27

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

#### [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 \(world map\)](#)

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

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

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

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

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

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

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

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

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

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

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	23APR2013 03:44:39
Data source version	GOMOS/6.01
Start time of products	06-09-2007 (06SEP2007 00:00:00)
Stop time of products	07-09-2007 (07SEP2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	233
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__2PRFIN20070906_000427_000000442061_00231_28842_3488.N1	06-SEP-2007 00:04:27	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	28842	No
2	GOM_NL__2PRFIN20070906_000854_000000382061_00231_28842_3489.N1	06-SEP-2007 00:08:54	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28842	No
3	GOM_NL__2PRFIN20070906_001153_000000382061_00231_28842_3490.N1	06-SEP-2007 00:11:53	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28842	No
4	GOM_NL__2PRFIN20070906_001832_000000412061_00231_28842_3491.N1	06-SEP-2007 00:18:32	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	28842	No
5	GOM_NL__2PRFIN20070906_002650_000000342061_00231_28842_3492.N1	06-SEP-2007 00:26:50	Bright	33.500	89	5Alp Cep	2.4510	8000.0	67	28842	No
6	GOM_NL__2PRFIN20070906_003432_000000362061_00231_28842_3493.N1	06-SEP-2007 00:34:32	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28842	No
7	GOM_NL__2PRFIN20070906_005140_000000542061_00231_28842_3494.N1	06-SEP-2007 00:51:40	Bright	54.000	24	66Alp Gem	1.5800	10200.	108	28842	No
8	GOM_NL__2PRFIN20070906_005935_000000432061_00231_28842_3495.N1	06-SEP-2007 00:59:35	Twilight	43.000	8	10Alp CMi	0.40000	6500.0	86	28842	No
9	GOM_NL__2PRFIN20070906_010737_000000512061_00231_28842_3496.N1	06-SEP-2007 01:07:37	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	28842	No
10	GOM_NL__2PRFIN20070906_011141_000000432061_00231_28842_3497.N1	06-SEP-2007 01:11:41	Dark	43.000	117	Pi Pup	2.7060	3800.0	86	28842	No
11	GOM_NL__2PRFIN20070906_011654_000000492061_00231_28842_3498.N1	06-SEP-2007 01:16:54	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	28842	No
12	GOM_NL__2PRFIN20070906_012717_000000402061_00232_28843_3488.N1	06-SEP-2007 01:27:17	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28843	No
13	GOM_NL__2PRFIN20070906_012838_000000462061_00232_28843_3489.N1	06-SEP-2007 01:28:38	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28843	No
14	GOM_NL__2PRFIN20070906_013433_000000502061_00232_28843_3490.N1	06-SEP-2007 01:34:33	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	28843	No
15	GOM_NL__2PRFIN20070906_014021_000000472061_00232_28843_3491.N1	06-SEP-2007 01:40:21	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	28843	No
16	GOM_NL__2PRFIN20070906_014503_000000402061_00232_28843_3492.N1	06-SEP-2007 01:45:03	Bright	40.000	142	49Del Cap	2.8500	8900.0	80	28843	No
17	GOM_NL__2PRFIN20070906_014930_000000382061_00232_28843_3493.N1	06-SEP-2007 01:49:30	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28843	No
18	GOM_NL__2PRFIN20070906_015229_000000382061_00232_28843_3494.N1	06-SEP-2007 01:52:29	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28843	No
19	GOM_NL__2PRFIN20070906_015908_000000422061_00232_28843_3495.N1	06-SEP-2007 01:59:08	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	28843	No
20	GOM_NL__2PRFIN20070906_020726_000000342061_00232_28843_3496.N1	06-SEP-2007 02:07:26	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	28843	No
21	GOM_NL__2PRFIN20070906_021508_000000362061_00232_28843_3497.N1	06-SEP-2007 02:15:08	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28843	No
22	GOM_NL__2PRFIN20070906_023216_000000552061_00232_28843_3498.N1	06-SEP-2007 02:32:16	Bright	54.500	24	66Alp Gem	1.5800	10200.	109	28843	No
23	GOM_NL__2PRFIN20070906_024012_000000432061_00232_28843_3499.N1	06-SEP-2007 02:40:12	Twilight	42.500	8	10Alp CMi	0.40000	6500.0	85	28843	No
24	GOM_NL__2PRFIN20070906_024813_000000532061_00232_28843_3500.N1	06-SEP-2007 02:48:13	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	28843	No
25	GOM_NL__2PRFIN20070906_025051_000000442061_00232_28843_3501.N1	06-SEP-2007 02:50:51	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	28843	No
26	GOM_NL__2PRFIN20070906_025217_000000402061_00232_28843_3502.N1	06-SEP-2007 02:52:17	Dark	39.500	117	Pi Pup	2.7060	3800.0	79	28843	No
27	GOM_NL__2PRFIN20070906_025550_000000482061_00232_28843_3503.N1	06-SEP-2007 02:55:50	Dark	47.500	108	Alp Col	2.6520	15200.	95	28843	No
28	GOM_NL__2PRFIN20070906_025731_000000452061_00232_28843_3504.N1	06-SEP-2007 02:57:31	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	28843	No
29	GOM_NL__2PRFIN20070906_030754_000000402061_00233_28844_3497.N1	06-SEP-2007 03:07:54	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28844	No
30	GOM_NL__2PRFIN20070906_030914_000000512061_00233_28844_3498.N1	06-SEP-2007 03:09:14	Dark	51.000	9	Alp Eri	0.45300	24000.	102	28844	No
31	GOM_NL__2PRFIN20070906_031509_000000472061_00233_28844_3499.N1	06-SEP-2007 03:15:09	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	28844	No
32	GOM_NL__2PRFIN20070906_032058_000000462061_00233_28844_3500.N1	06-SEP-2007 03:20:58	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	28844	No
33	GOM_NL__2PRFIN20070906_032539_000000402061_00233_28844_3501.N1	06-SEP-2007 03:25:39	Bright	40.000	142	49Del Cap	2.8500	8900.0	80	28844	No
34	GOM_NL__2PRFIN20070906_033006_000000382061_00233_28844_3502.N1	06-SEP-2007 03:30:06	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28844	No
35	GOM_NL__2PRFIN20070906_033305_000000372061_00233_28844_3503.N1	06-SEP-2007 03:33:05	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	28844	No
36	GOM_NL__2PRFIN20070906_033943_000000412061_00233_28844_3504.N1	06-SEP-2007 03:39:43	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	28844	No
37	GOM_NL__2PRFIN20070906_034802_000000332061_00233_28844_3505.N1	06-SEP-2007 03:48:02	Bright	32.500	89	5Alp Cep	2.4510	8000.0	65	28844	No
38	GOM_NL__2PRFIN20070906_035544_000000332061_00233_28844_3506.N1	06-SEP-2007 03:55:44	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	28844	No
39	GOM_NL__2PRFIN20070906_041252_000000392061_00233_28844_3507.N1	06-SEP-2007 04:12:52	Bright	39.000	24	66Alp Gem	1.5800	10200.	78	28844	No
40	GOM_NL__2PRFIN20070906_042048_000000462061_00233_28844_3508.N1	06-SEP-2007 04:20:48	Twilight	46.000	8	10Alp CMi	0.40000	6500.0	92	28844	No
41	GOM_NL__2PRFIN20070906_042850_000000562061_00233_28844_3509.N1	06-SEP-2007 04:28:50	Dark	55.500	1	9Alp CMa	-1.4400	11000.	111	28844	No
42	GOM_NL__2PRFIN20070906_043016_000000442061_00233_28844_3510.N1	06-SEP-2007 04:30:16	Dark	44.000	47	2Bet CMa	1.9760	28000.	88	28844	No



43	GOM_NL__2PRFIN20070906_043128_000000452061_00233_28844_3511.N1	06-SEP-2007 04:31:28	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	28844	No
44	GOM_NL__2PRFIN20070906_043254_000000442061_00233_28844_3512.N1	06-SEP-2007 04:32:54	Dark	44.000	117	Pi Pup	2.7060	3800.0	88	28844	No
45	GOM_NL__2PRFIN20070906_043627_000000472061_00233_28844_3513.N1	06-SEP-2007 04:36:27	Dark	46.500	108	Alp Col	2.6520	15200.	93	28844	No
46	GOM_NL__2PRFIN20070906_043807_000000542061_00233_28844_3514.N1	06-SEP-2007 04:38:07	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	28844	No
47	GOM_NL__2PRFIN20070906_044830_000000412061_00234_28845_3518.N1	06-SEP-2007 04:48:30	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28845	No
48	GOM_NL__2PRFIN20070906_044951_000000452061_00234_28845_3519.N1	06-SEP-2007 04:49:51	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28845	No
49	GOM_NL__2PRFIN20070906_045546_000000522061_00234_28845_3520.N1	06-SEP-2007 04:55:46	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	28845	No
50	GOM_NL__2PRFIN20070906_050134_000000462061_00234_28845_3521.N1	06-SEP-2007 05:01:34	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	28845	No
51	GOM_NL__2PRFIN20070906_050617_000000452061_00234_28845_3522.N1	06-SEP-2007 05:06:17	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	28845	No
52	GOM_NL__2PRFIN20070906_051042_000000392061_00234_28845_3523.N1	06-SEP-2007 05:10:42	Bright	39.000	162	34Alp Aqr	2.9440	5350.0	78	28845	No
53	GOM_NL__2PRFIN20070906_051341_000000382061_00234_28845_3524.N1	06-SEP-2007 05:13:41	Bright	37.500	61	8Eps Peg	2.1000	3900.0	75	28845	No
54	GOM_NL__2PRFIN20070906_052019_000000412061_00234_28845_3525.N1	06-SEP-2007 05:20:19	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	28845	No
55	GOM_NL__2PRFIN20070906_052838_000000362061_00234_28845_3526.N1	06-SEP-2007 05:28:38	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28845	No
56	GOM_NL__2PRFIN20070906_053620_000000342061_00234_28845_3527.N1	06-SEP-2007 05:36:20	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	28845	No
57	GOM_NL__2PRFIN20070906_055328_000000402061_00234_28845_3528.N1	06-SEP-2007 05:53:28	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28845	No
58	GOM_NL__2PRFIN20070906_060124_000000482061_00234_28845_3529.N1	06-SEP-2007 06:01:24	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	28845	No
59	GOM_NL__2PRFIN20070906_060927_000000532061_00234_28845_3530.N1	06-SEP-2007 06:09:27	Dark	52.500	1	9Alp CMa	-1.4400	11000.	105	28845	No
60	GOM_NL__2PRFIN20070906_061053_000000442061_00234_28845_3531.N1	06-SEP-2007 06:10:53	Dark	44.000	47	2Bet CMa	1.9760	28000.	88	28845	No
61	GOM_NL__2PRFIN20070906_061204_000000472061_00234_28845_3532.N1	06-SEP-2007 06:12:04	Dark	46.500	23	21Eps CMa	1.5020	26000.	93	28845	No
62	GOM_NL__2PRFIN20070906_061330_000000452061_00234_28845_3533.N1	06-SEP-2007 06:13:30	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	28845	No
63	GOM_NL__2PRFIN20070906_061704_000000472061_00234_28845_3534.N1	06-SEP-2007 06:17:04	Dark	47.000	108	Alp Col	2.6520	15200.	94	28845	No
64	GOM_NL__2PRFIN20070906_061844_000000472061_00234_28845_3535.N1	06-SEP-2007 06:18:44	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	28845	No
65	GOM_NL__2PRFIN20070906_062907_000000402061_00235_28846_3529.N1	06-SEP-2007 06:29:07	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28846	No
66	GOM_NL__2PRFIN20070906_063027_000000432061_00235_28846_3530.N1	06-SEP-2007 06:30:27	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28846	No
67	GOM_NL__2PRFIN20070906_063622_000000542061_00235_28846_3531.N1	06-SEP-2007 06:36:22	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	28846	No
68	GOM_NL__2PRFIN20070906_064210_000000482061_00235_28846_3532.N1	06-SEP-2007 06:42:10	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	28846	No
69	GOM_NL__2PRFIN20070906_065118_000000392061_00235_28846_3533.N1	06-SEP-2007 06:51:18	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28846	No
70	GOM_NL__2PRFIN20070906_065417_000000372061_00235_28846_3534.N1	06-SEP-2007 06:54:17	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	28846	No
71	GOM_NL__2PRFIN20070906_070055_000000422061_00235_28846_3535.N1	06-SEP-2007 07:00:55	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	28846	No
72	GOM_NL__2PRFIN20070906_070913_000000372061_00235_28846_3536.N1	06-SEP-2007 07:09:13	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28846	No
73	GOM_NL__2PRFIN20070906_071656_000000362061_00235_28846_3537.N1	06-SEP-2007 07:16:56	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28846	No
74	GOM_NL__2PRFIN20070906_073404_000000402061_00235_28846_3538.N1	06-SEP-2007 07:34:04	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	28846	No
75	GOM_NL__2PRFIN20070906_074201_000000482061_00235_28846_3539.N1	06-SEP-2007 07:42:01	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	28846	No
76	GOM_NL__2PRFIN20070906_075003_000000542061_00235_28846_3540.N1	06-SEP-2007 07:50:03	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	28846	No
77	GOM_NL__2PRFIN20070906_075130_000000352061_00235_28846_3541.N1	06-SEP-2007 07:51:30	Dark	35.000	47	2Bet CMa	1.9760	28000.	70	28846	No
78	GOM_NL__2PRFIN20070906_075241_000000422061_00235_28846_3542.N1	06-SEP-2007 07:52:41	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	28846	No
79	GOM_NL__2PRFIN20070906_075407_000000452061_00235_28846_3543.N1	06-SEP-2007 07:54:07	Dark	44.500	117	Pi Pup	2.7060	3800.0	89	28846	No
80	GOM_NL__2PRFIN20070906_075741_000000492061_00235_28846_3544.N1	06-SEP-2007 07:57:41	Dark	48.500	108	Alp Col	2.6520	15200.	97	28846	No
81	GOM_NL__2PRFIN20070906_075920_000000452061_00235_28846_3545.N1	06-SEP-2007 07:59:20	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	28846	No
82	GOM_NL__2PRFIN20070906_080944_000000412061_00236_28847_3576.N1	06-SEP-2007 08:09:44	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28847	No
83	GOM_NL__2PRFIN20070906_081104_000000542061_00236_28847_3577.N1	06-SEP-2007 08:11:04	Dark	53.500	9	Alp Eri	0.45300	24000.	107	28847	No
84	GOM_NL__2PRFIN20070906_081659_000000512061_00236_28847_3578.N1	06-SEP-2007 08:16:59	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	28847	No
85	GOM_NL__2PRFIN20070906_082246_000000472061_00236_28847_3579.N1	06-SEP-2007 08:22:46	Straylight	46.500	18	24Alp PsA	1.1660	9700.0	93	28847	No
86	GOM_NL__2PRFIN20070906_083154_000000382061_00236_28847_3580.N1	06-SEP-2007 08:31:54	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28847	No
87	GOM_NL__2PRFIN20070906_083453_000000392061_00236_28847_3581.N1	06-SEP-2007 08:34:53	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	28847	No
88	GOM_NL__2PRFIN20070906_084130_000000402061_00236_28847_3582.N1	06-SEP-2007 08:41:30	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	28847	No
89	GOM_NL__2PRFIN20070906_084949_000000362061_00236_28847_3583.N1	06-SEP-2007 08:49:49	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	28847	No
90	GOM_NL__2PRFIN20070906_085732_000000342061_00236_28847_3584.N1	06-SEP-2007 08:57:32	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	28847	No
91	GOM_NL__2PRFIN20070906_091440_000000402061_00236_28847_3585.N1	06-SEP-2007 09:14:40	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28847	No
92	GOM_NL__2PRFIN20070906_092237_000000482061_00236_28847_3586.N1	06-SEP-2007 09:22:37	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	28847	No
93	GOM_NL__2PRFIN20070906_093040_000000602061_00236_28847_3587.N1	06-SEP-2007 09:30:40	Dark	59.500	1	9Alp CMa	-1.4400	11000.	119	28847	No
94	GOM_NL__2PRFIN20070906_093206_000000352061_00236_28847_3588.N1	06-SEP-2007 09:32:06	Dark	35.000	47	2Bet CMa	1.9760	28000.	70	28847	No
95	GOM_NL__2PRFIN20070906_093317_000000442061_00236_28847_3589.N1	06-SEP-2007 09:33:17	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	28847	No
96	GOM_NL__2PRFIN20070906_093443_000000452061_00236_28847_3590.N1	06-SEP-2007 09:34:43	Dark	45.000	117	Pi Pup	2.7060	3800.0	90	28847	No
97	GOM_NL__2PRFIN20070906_093818_000000472061_00236_28847_3591.N1	06-SEP-2007 09:38:18	Dark	46.500	108	Alp Col	2.6520	15200.	93	28847	No
98	GOM_NL__2PRFIN20070906_093956_000000472061_00236_28847_3592.N1	06-SEP-2007 09:39:56	Dark	46.500	2	Alp Car	-0.73600	7000.0	93	28847	No
99	GOM_NL__2PRFIN20070906_095020_000000422061_00237_28848_3584.N1	06-SEP-2007 09:50:20	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	28848	No
100	GOM_NL__2PRFIN20070906_095140_000000452061_00237_28848_3585.N1	06-SEP-2007 09:51:40	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28848	No
101	GOM_NL__2PRFIN20070906_095735_000000502061_00237_28848_3586.N1	06-SEP-2007 09:57:35	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	28848	No

102	GOM_NL__2PRFIN20070906_100322_000000442061_00237_28848_3587.N1	06-SEP-2007 10:03:22	Straylight	44.000	18	24Alp PsA	1.1660	9700.0	88	28848	No
103	GOM_NL__2PRFIN20070906_101230_000000392061_00237_28848_3588.N1	06-SEP-2007 10:12:30	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28848	No
104	GOM_NL__2PRFIN20070906_101529_000000372061_00237_28848_3589.N1	06-SEP-2007 10:15:29	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	28848	No
105	GOM_NL__2PRFIN20070906_102206_000000422061_00237_28848_3590.N1	06-SEP-2007 10:22:06	Bright	42.000	164	44Eta Peg	2.9480	5400.0	84	28848	No
106	GOM_NL__2PRFIN20070906_103025_000000362061_00237_28848_3591.N1	06-SEP-2007 10:30:25	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	28848	No
107	GOM_NL__2PRFIN20070906_103808_000000372061_00237_28848_3592.N1	06-SEP-2007 10:38:08	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28848	No
108	GOM_NL__2PRFIN20070906_105516_000000402061_00237_28848_3593.N1	06-SEP-2007 10:55:16	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	28848	No
109	GOM_NL__2PRFIN20070906_110313_000000522061_00237_28848_3594.N1	06-SEP-2007 11:03:13	Twilight	52.000	8	10Alp CMi	0.40000	6500.0	104	28848	No
110	GOM_NL__2PRFIN20070906_111117_000000542061_00237_28848_3595.N1	06-SEP-2007 11:11:17	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	28848	No
111	GOM_NL__2PRFIN20070906_111243_000000272061_00237_28848_3596.N1	06-SEP-2007 11:12:43	Dark	27.000	47	2Bet CMa	1.9760	28000.	54	28848	No
112	GOM_NL__2PRFIN20070906_111354_000000462061_00237_28848_3597.N1	06-SEP-2007 11:13:54	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	28848	No
113	GOM_NL__2PRFIN20070906_111519_000000442061_00237_28848_3598.N1	06-SEP-2007 11:15:19	Dark	44.000	117	Pi Pup	2.7060	3800.0	88	28848	No
114	GOM_NL__2PRFIN20070906_111854_000000472061_00237_28848_3599.N1	06-SEP-2007 11:18:54	Dark	47.000	108	Alp Col	2.6520	15200.	94	28848	No
115	GOM_NL__2PRFIN20070906_112033_000000442061_00237_28848_3600.N1	06-SEP-2007 11:20:33	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	28848	No
116	GOM_NL__2PRFIN20070906_113056_000000422061_00238_28849_3600.N1	06-SEP-2007 11:30:56	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	28849	No
117	GOM_NL__2PRFIN20070906_113217_000000462061_00238_28849_3601.N1	06-SEP-2007 11:32:17	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28849	No
118	GOM_NL__2PRFIN20070906_113812_000000462061_00238_28849_3602.N1	06-SEP-2007 11:38:12	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	28849	No
119	GOM_NL__2PRFIN20070906_114359_000000452061_00238_28849_3603.N1	06-SEP-2007 11:43:59	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28849	No
120	GOM_NL__2PRFIN20070906_115306_000000392061_00238_28849_3604.N1	06-SEP-2007 11:53:06	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28849	No
121	GOM_NL__2PRFIN20070906_115605_000000372061_00238_28849_3605.N1	06-SEP-2007 11:56:05	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	28849	No
122	GOM_NL__2PRFIN20070906_120241_000000402061_00238_28849_3606.N1	06-SEP-2007 12:02:41	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	28849	No
123	GOM_NL__2PRFIN20070906_121101_000000372061_00238_28849_3607.N1	06-SEP-2007 12:11:01	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28849	No
124	GOM_NL__2PRFIN20070906_123552_000000402061_00238_28849_3608.N1	06-SEP-2007 12:35:52	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28849	No
125	GOM_NL__2PRFIN20070906_124349_000000532061_00238_28849_3609.N1	06-SEP-2007 12:43:49	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	28849	No
126	GOM_NL__2PRFIN20070906_125153_000000502061_00238_28849_3610.N1	06-SEP-2007 12:51:53	Dark	49.500	1	9Alp CMa	-1.4400	11000.	99	28849	No
127	GOM_NL__2PRFIN20070906_125320_000000272061_00238_28849_3611.N1	06-SEP-2007 12:53:20	Dark	27.000	47	2Bet CMa	1.9760	28000.	54	28849	No
128	GOM_NL__2PRFIN20070906_125430_000000452061_00238_28849_3612.N1	06-SEP-2007 12:54:30	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28849	No
129	GOM_NL__2PRFIN20070906_125556_000000412061_00238_28849_3613.N1	06-SEP-2007 12:55:56	Dark	41.000	117	Pi Pup	2.7060	3800.0	82	28849	No
130	GOM_NL__2PRFIN20070906_125931_000000482061_00238_28849_3614.N1	06-SEP-2007 12:59:31	Dark	47.500	108	Alp Col	2.6520	15200.	95	28849	No
131	GOM_NL__2PRFIN20070906_130109_000000532061_00238_28849_3615.N1	06-SEP-2007 13:01:09	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	28849	No
132	GOM_NL__2PRFIN20070906_131133_000000402061_00239_28850_3620.N1	06-SEP-2007 13:11:33	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28850	No
133	GOM_NL__2PRFIN20070906_131253_000000452061_00239_28850_3621.N1	06-SEP-2007 13:12:53	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28850	No
134	GOM_NL__2PRFIN20070906_131848_000000462061_00239_28850_3622.N1	06-SEP-2007 13:18:48	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	28850	No
135	GOM_NL__2PRFIN20070906_132435_000000452061_00239_28850_3623.N1	06-SEP-2007 13:24:35	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28850	No
136	GOM_NL__2PRFIN20070906_133342_000000392061_00239_28850_3624.N1	06-SEP-2007 13:33:42	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28850	No
137	GOM_NL__2PRFIN20070906_133641_000000372061_00239_28850_3625.N1	06-SEP-2007 13:36:41	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	28850	No
138	GOM_NL__2PRFIN20070906_134317_000000412061_00239_28850_3626.N1	06-SEP-2007 13:43:17	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	28850	No
139	GOM_NL__2PRFIN20070906_135137_000000372061_00239_28850_3627.N1	06-SEP-2007 13:51:37	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28850	No
140	GOM_NL__2PRFIN20070906_135919_000000352061_00239_28850_3628.N1	06-SEP-2007 13:59:19	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	28850	No
141	GOM_NL__2PRFIN20070906_141628_000000412061_00239_28850_3629.N1	06-SEP-2007 14:16:28	Bright	41.000	24	66Alp Gem	1.5800	10200.	82	28850	No
142	GOM_NL__2PRFIN20070906_142426_000000532061_00239_28850_3630.N1	06-SEP-2007 14:24:26	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	28850	No
143	GOM_NL__2PRFIN20070906_143230_000000582061_00239_28850_3631.N1	06-SEP-2007 14:32:30	Dark	58.000	1	9Alp CMa	-1.4400	11000.	116	28850	No
144	GOM_NL__2PRFIN20070906_143507_000000452061_00239_28850_3632.N1	06-SEP-2007 14:35:07	Dark	44.500	23	21Eps CMa	1.5020	26000.	89	28850	No
145	GOM_NL__2PRFIN20070906_143632_000000432061_00239_28850_3633.N1	06-SEP-2007 14:36:32	Dark	42.500	117	Pi Pup	2.7060	3800.0	85	28850	No
146	GOM_NL__2PRFIN20070906_144008_000000472061_00239_28850_3634.N1	06-SEP-2007 14:40:08	Dark	47.000	108	Alp Col	2.6520	15200.	94	28850	No
147	GOM_NL__2PRFIN20070906_145209_000000402061_00240_28851_3627.N1	06-SEP-2007 14:52:09	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28851	No
148	GOM_NL__2PRFIN20070906_145330_000000442061_00240_28851_3628.N1	06-SEP-2007 14:53:30	Dark	43.500	9	Alp Eri	0.45300	24000.	87	28851	No
149	GOM_NL__2PRFIN20070906_145924_000000492061_00240_28851_3629.N1	06-SEP-2007 14:59:24	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	28851	No
150	GOM_NL__2PRFIN20070906_150511_000000452061_00240_28851_3630.N1	06-SEP-2007 15:05:11	Straylight	44.500	18	24Alp PsA	1.1660	9700.0	89	28851	No
151	GOM_NL__2PRFIN20070906_151418_000000392061_00240_28851_3631.N1	06-SEP-2007 15:14:18	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28851	No
152	GOM_NL__2PRFIN20070906_151717_000000372061_00240_28851_3632.N1	06-SEP-2007 15:17:17	Bright	36.500	61	8Eps Peg	2.1000	3900.0	73	28851	No
153	GOM_NL__2PRFIN20070906_152352_000000412061_00240_28851_3633.N1	06-SEP-2007 15:23:52	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	28851	No
154	GOM_NL__2PRFIN20070906_153213_000000342061_00240_28851_3634.N1	06-SEP-2007 15:32:13	Bright	33.500	89	5Alp Cep	2.4510	8000.0	67	28851	No
155	GOM_NL__2PRFIN20070906_153955_000000362061_00240_28851_3635.N1	06-SEP-2007 15:39:55	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28851	No
156	GOM_NL__2PRFIN20070906_155704_000000442061_00240_28851_3636.N1	06-SEP-2007 15:57:04	Bright	44.000	24	66Alp Gem	1.5800	10200.	88	28851	No
157	GOM_NL__2PRFIN20070906_160502_000000552061_00240_28851_3637.N1	06-SEP-2007 16:05:02	Twilight	54.500	8	10Alp CMi	0.40000	6500.0	109	28851	No
158	GOM_NL__2PRFIN20070906_161306_000000562061_00240_28851_3638.N1	06-SEP-2007 16:13:06	Dark	56.000	1	9Alp CMa	-1.4400	11000.	112	28851	No
159	GOM_NL__2PRFIN20070906_161544_000000452061_00240_28851_3639.N1	06-SEP-2007 16:15:44	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	28851	No
160	GOM_NL__2PRFIN20070906_161709_000000422061_00240_28851_3640.N1	06-SEP-2007 16:17:09	Dark	42.000	117	Pi Pup	2.7060	3800.0	84	28851	No

161	GOM_NL__2PRFIN20070906_162045_000000462061_00240_28851_3641.N1	06-SEP-2007 16:20:45	Dark	46.000	108	Alp Col	2.6520	15200.	92	28851	No
162	GOM_NL__2PRFIN20070906_163246_000000412061_00241_28852_3655.N1	06-SEP-2007 16:32:46	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	28852	No
163	GOM_NL__2PRFIN20070906_163406_000000432061_00241_28852_3656.N1	06-SEP-2007 16:34:06	Dark	42.500	9	Alp Eri	0.45300	24000.	85	28852	No
164	GOM_NL__2PRFIN20070906_164001_000000512061_00241_28852_3657.N1	06-SEP-2007 16:40:01	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	28852	No
165	GOM_NL__2PRFIN20070906_164547_000000462061_00241_28852_3658.N1	06-SEP-2007 16:45:47	Straylight	45.500	18	24Alp PsA	1.1660	9700.0	91	28852	No
166	GOM_NL__2PRFIN20070906_165454_000000392061_00241_28852_3659.N1	06-SEP-2007 16:54:54	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28852	No
167	GOM_NL__2PRFIN20070906_165752_000000382061_00241_28852_3660.N1	06-SEP-2007 16:57:52	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28852	No
168	GOM_NL__2PRFIN20070906_170428_000000412061_00241_28852_3661.N1	06-SEP-2007 17:04:28	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	28852	No
169	GOM_NL__2PRFIN20070906_171248_000000342061_00241_28852_3662.N1	06-SEP-2007 17:12:48	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	28852	No
170	GOM_NL__2PRFIN20070906_172031_000000372061_00241_28852_3663.N1	06-SEP-2007 17:20:31	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28852	No
171	GOM_NL__2PRFIN20070906_173741_000000402061_00241_28852_3664.N1	06-SEP-2007 17:37:41	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28852	No
172	GOM_NL__2PRFIN20070906_174538_000000562061_00241_28852_3665.N1	06-SEP-2007 17:45:38	Twilight	56.000	8	10Alp CMi	0.40000	6500.0	112	28852	No
173	GOM_NL__2PRFIN20070906_175343_000000532061_00241_28852_3666.N1	06-SEP-2007 17:53:43	Dark	53.000	1	9Alp CMa	-1.4400	11000.	106	28852	No
174	GOM_NL__2PRFIN20070906_175620_000000422061_00241_28852_3667.N1	06-SEP-2007 17:56:20	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	28852	No
175	GOM_NL__2PRFIN20070906_175745_000000482061_00241_28852_3668.N1	06-SEP-2007 17:57:45	Dark	48.000	117	Pi Pup	2.7060	3800.0	96	28852	No
176	GOM_NL__2PRFIN20070906_180122_000000472061_00241_28852_3669.N1	06-SEP-2007 18:01:22	Dark	47.000	108	Alp Col	2.6520	15200.	94	28852	No
177	GOM_NL__2PRFIN20070906_180258_000000522061_00241_28852_3670.N1	06-SEP-2007 18:02:58	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	28852	No
178	GOM_NL__2PRFIN20070906_181322_000000402061_00242_28853_3658.N1	06-SEP-2007 18:13:22	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28853	No
179	GOM_NL__2PRFIN20070906_181443_000000422061_00242_28853_3659.N1	06-SEP-2007 18:14:43	Dark	42.000	9	Alp Eri	0.45300	24000.	84	28853	No
180	GOM_NL__2PRFIN20070906_182037_000000532061_00242_28853_3660.N1	06-SEP-2007 18:20:37	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	28853	No
181	GOM_NL__2PRFIN20070906_182623_000000482061_00242_28853_3661.N1	06-SEP-2007 18:26:23	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	28853	No
182	GOM_NL__2PRFIN20070906_183530_000000392061_00242_28853_3662.N1	06-SEP-2007 18:35:30	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28853	No
183	GOM_NL__2PRFIN20070906_183828_000000372061_00242_28853_3663.N1	06-SEP-2007 18:38:28	Bright	36.500	61	8Eps Peg	2.1000	3900.0	73	28853	No
184	GOM_NL__2PRFIN20070906_184504_000000412061_00242_28853_3664.N1	06-SEP-2007 18:45:04	Bright	40.500	164	44Eta Peg	2.9480	5400.0	81	28853	No
185	GOM_NL__2PRFIN20070906_185324_000000372061_00242_28853_3665.N1	06-SEP-2007 18:53:24	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28853	No
186	GOM_NL__2PRFIN20070906_190107_000000372061_00242_28853_3666.N1	06-SEP-2007 19:01:07	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28853	No
187	GOM_NL__2PRFIN20070906_191817_000000402061_00242_28853_3667.N1	06-SEP-2007 19:18:17	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	28853	No
188	GOM_NL__2PRFIN20070906_192615_000000552061_00242_28853_3668.N1	06-SEP-2007 19:26:15	Twilight	55.000	8	10Alp CMi	0.40000	6500.0	110	28853	No
189	GOM_NL__2PRFIN20070906_193420_000000542061_00242_28853_3669.N1	06-SEP-2007 19:34:20	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	28853	No
190	GOM_NL__2PRFIN20070906_193657_000000422061_00242_28853_3670.N1	06-SEP-2007 19:36:57	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	28853	No
191	GOM_NL__2PRFIN20070906_193821_000000452061_00242_28853_3671.N1	06-SEP-2007 19:38:21	Dark	45.000	117	Pi Pup	2.7060	3800.0	90	28853	No
192	GOM_NL__2PRFIN20070906_194159_000000482061_00242_28853_3672.N1	06-SEP-2007 19:41:59	Dark	48.000	108	Alp Col	2.6520	15200.	96	28853	No
193	GOM_NL__2PRFIN20070906_194335_000000552061_00242_28853_3673.N1	06-SEP-2007 19:43:35	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	28853	No
194	GOM_NL__2PRFIN20070906_195359_000000412061_00243_28854_3683.N1	06-SEP-2007 19:53:59	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	28854	No
195	GOM_NL__2PRFIN20070906_195519_000000522061_00243_28854_3684.N1	06-SEP-2007 19:55:19	Dark	51.500	9	Alp Eri	0.45300	24000.	103	28854	No
196	GOM_NL__2PRFIN20070906_200114_000000532061_00243_28854_3685.N1	06-SEP-2007 20:01:14	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	28854	No
197	GOM_NL__2PRFIN20070906_200659_000000452061_00243_28854_3686.N1	06-SEP-2007 20:06:59	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28854	No
198	GOM_NL__2PRFIN20070906_201606_000000382061_00243_28854_3687.N1	06-SEP-2007 20:16:06	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28854	No
199	GOM_NL__2PRFIN20070906_201904_000000362061_00243_28854_3688.N1	06-SEP-2007 20:19:04	Bright	36.000	61	8Eps Peg	2.1000	3900.0	72	28854	No
200	GOM_NL__2PRFIN20070906_202539_000000402061_00243_28854_3689.N1	06-SEP-2007 20:25:39	Bright	39.500	164	44Eta Peg	2.9480	5400.0	79	28854	No
201	GOM_NL__2PRFIN20070906_203400_000000372061_00243_28854_3690.N1	06-SEP-2007 20:34:00	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28854	No
202	GOM_NL__2PRFIN20070906_204143_000000372061_00243_28854_3691.N1	06-SEP-2007 20:41:43	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28854	No
203	GOM_NL__2PRFIN20070906_205853_000000402061_00243_28854_3692.N1	06-SEP-2007 20:58:53	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	28854	No
204	GOM_NL__2PRFIN20070906_210651_000000472061_00243_28854_3693.N1	06-SEP-2007 21:06:51	Twilight	46.500	8	10Alp CMi	0.40000	6500.0	93	28854	No
205	GOM_NL__2PRFIN20070906_211457_000000542061_00243_28854_3694.N1	06-SEP-2007 21:14:57	Dark	53.500	1	9Alp CMa	-1.4400	11000.	107	28854	No
206	GOM_NL__2PRFIN20070906_211733_000000442061_00243_28854_3695.N1	06-SEP-2007 21:17:33	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	28854	No
207	GOM_NL__2PRFIN20070906_211858_000000412061_00243_28854_3696.N1	06-SEP-2007 21:18:58	Dark	40.500	117	Pi Pup	2.7060	3800.0	81	28854	No
208	GOM_NL__2PRFIN20070906_212236_000000472061_00243_28854_3697.N1	06-SEP-2007 21:22:36	Dark	46.500	108	Alp Col	2.6520	15200.	93	28854	No
209	GOM_NL__2PRFIN20070906_212411_000000532061_00243_28854_3698.N1	06-SEP-2007 21:24:11	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	28854	No
210	GOM_NL__2PRFIN20070906_213435_000000402061_00244_28855_3735.N1	06-SEP-2007 21:34:35	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	28855	No
211	GOM_NL__2PRFIN20070906_213556_000000462061_00244_28855_3736.N1	06-SEP-2007 21:35:56	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28855	No
212	GOM_NL__2PRFIN20070906_214150_000000522061_00244_28855_3737.N1	06-SEP-2007 21:41:50	Straylight	51.500	84	Alp Phe	2.3970	4500.0	103	28855	No
213	GOM_NL__2PRFIN20070906_214735_000000472061_00244_28855_3738.N1	06-SEP-2007 21:47:35	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	28855	No
214	GOM_NL__2PRFIN20070906_215641_000000382061_00244_28855_3739.N1	06-SEP-2007 21:56:41	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	28855	No
215	GOM_NL__2PRFIN20070906_215940_000000372061_00244_28855_3740.N1	06-SEP-2007 21:59:40	Bright	37.000	61	8Eps Peg	2.1000	3900.0	74	28855	No
216	GOM_NL__2PRFIN20070906_220615_000000412061_00244_28855_3741.N1	06-SEP-2007 22:06:15	Bright	41.000	164	44Eta Peg	2.9480	5400.0	82	28855	No
217	GOM_NL__2PRFIN20070906_221436_000000352061_00244_28855_3742.N1	06-SEP-2007 22:14:36	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	28855	No
218	GOM_NL__2PRFIN20070906_222219_000000362061_00244_28855_3743.N1	06-SEP-2007 22:22:19	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28855	No
219	GOM_NL__2PRFIN20070906_223929_000000412061_00244_28855_3744.N1	06-SEP-2007 22:39:29	Bright	40.500	24	66Alp Gem	1.5800	10200.	81	28855	No

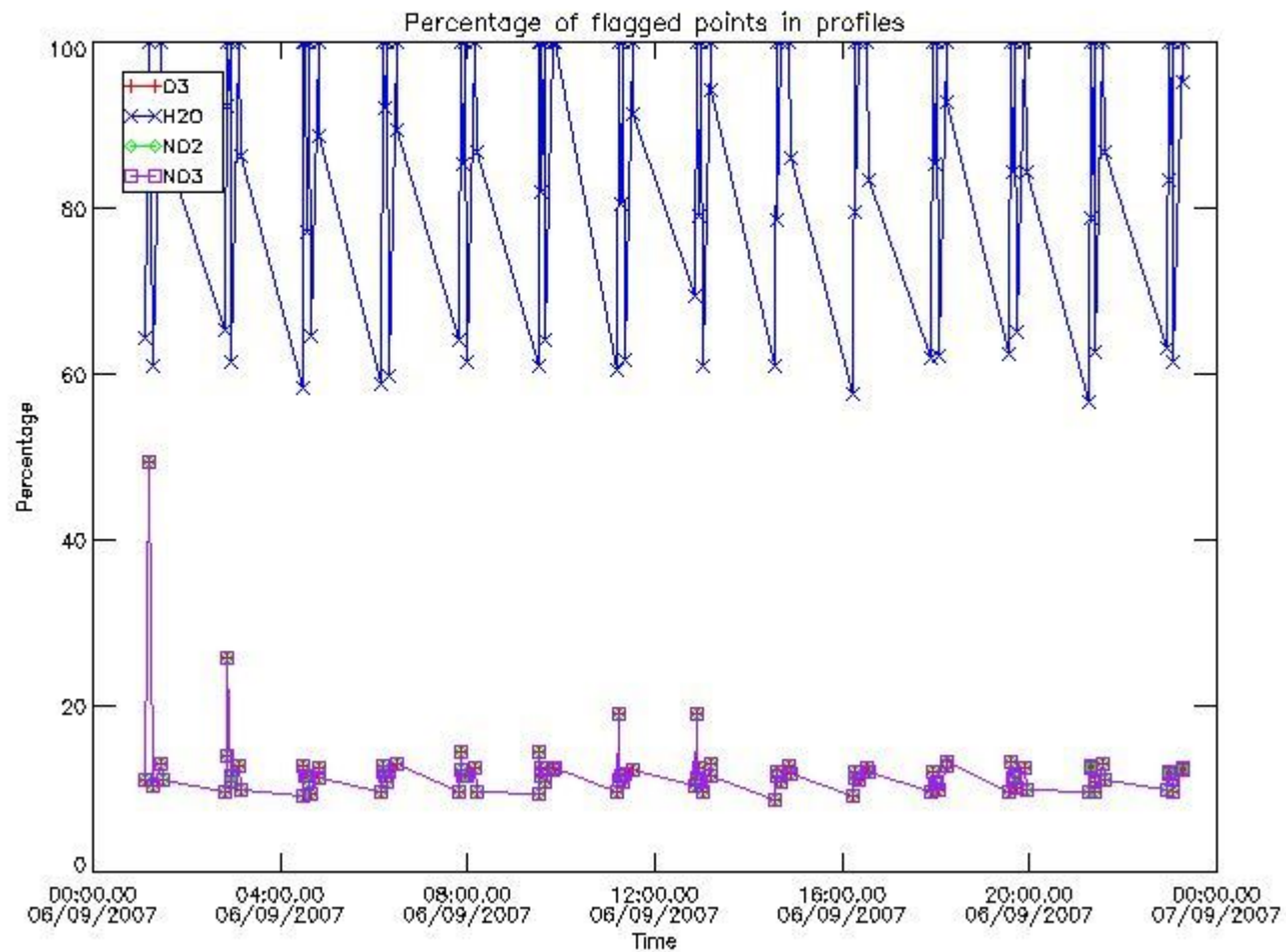


220	GOM_NL__2PRFIN20070906_224727_000000502061_00244_28855_3745.N1	06-SEP-2007 22:47:27	Twilight	50.000	8	10Alp CMi	0.40000	6500.0	100	28855	No
221	GOM_NL__2PRFIN20070906_225533_000000522061_00244_28855_3746.N1	06-SEP-2007 22:55:33	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	28855	No
222	GOM_NL__2PRFIN20070906_225810_000000432061_00244_28855_3747.N1	06-SEP-2007 22:58:10	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	28855	No
223	GOM_NL__2PRFIN20070906_225934_000000432061_00244_28855_3748.N1	06-SEP-2007 22:59:34	Dark	42.500	117	Pi Pup	2.7060	3800.0	85	28855	No
224	GOM_NL__2PRFIN20070906_230313_000000462061_00244_28855_3749.N1	06-SEP-2007 23:03:13	Dark	46.000	108	Alp Col	2.6520	15200.	92	28855	No
225	GOM_NL__2PRFIN20070906_230448_000000542061_00244_28855_3750.N1	06-SEP-2007 23:04:48	Dark	53.500	2	Alp Car	-0.73600	7000.0	107	28855	No
226	GOM_NL__2PRFIN20070906_231511_000000412061_00245_28856_3721.N1	06-SEP-2007 23:15:11	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	28856	No
227	GOM_NL__2PRFIN20070906_231632_000000422061_00245_28856_3722.N1	06-SEP-2007 23:16:32	Dark	41.500	9	Alp Eri	0.45300	24000.	83	28856	No
228	GOM_NL__2PRFIN20070906_232227_000000472061_00245_28856_3723.N1	06-SEP-2007 23:22:27	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	28856	No
229	GOM_NL__2PRFIN20070906_232811_000000452061_00245_28856_3724.N1	06-SEP-2007 23:28:11	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	28856	No
230	GOM_NL__2PRFIN20070906_233717_000000392061_00245_28856_3725.N1	06-SEP-2007 23:37:17	Bright	38.500	162	34Alp Aqr	2.9440	5350.0	77	28856	No
231	GOM_NL__2PRFIN20070906_234016_000000382061_00245_28856_3726.N1	06-SEP-2007 23:40:16	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	28856	No
232	GOM_NL__2PRFIN20070906_234650_000000422061_00245_28856_3727.N1	06-SEP-2007 23:46:50	Bright	41.500	164	44Eta Peg	2.9480	5400.0	83	28856	No
233	GOM_NL__2PRFIN20070906_235512_000000372061_00245_28856_3728.N1	06-SEP-2007 23:55:12	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28856	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.

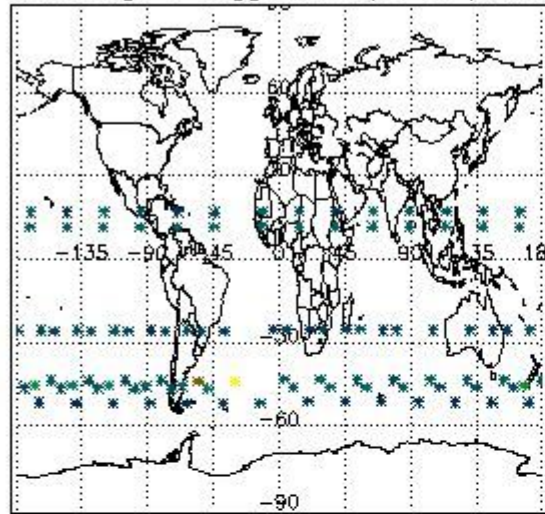
#### 3.1 Plot quality information per product (time dependant)



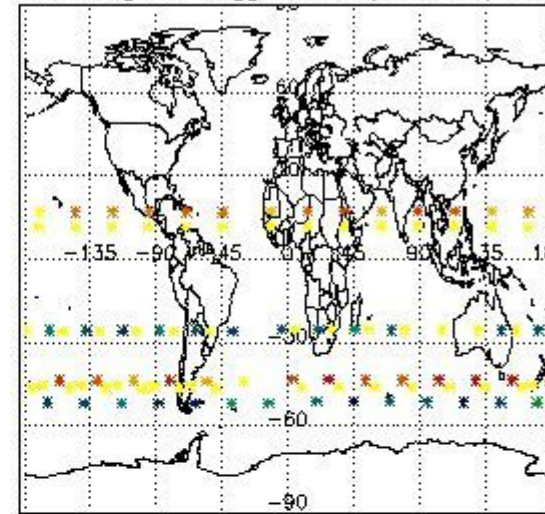
#### 3.2 Plot quality information per product (world map)



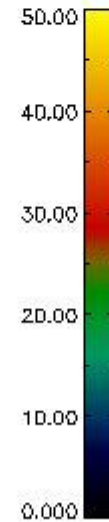
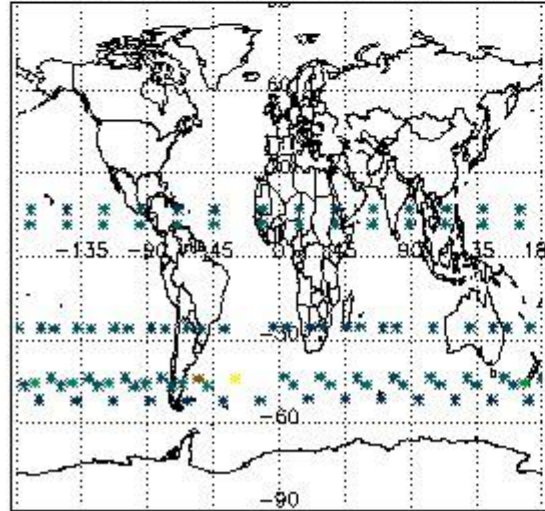
Percentage of flagged data per O3 profile



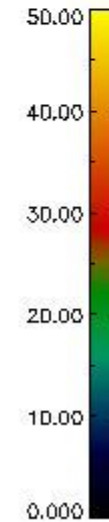
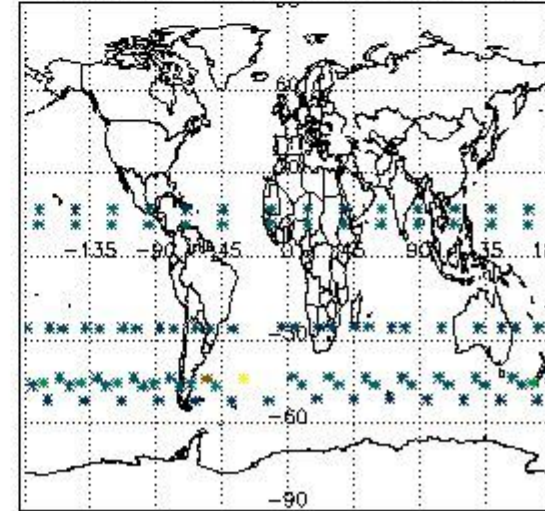
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

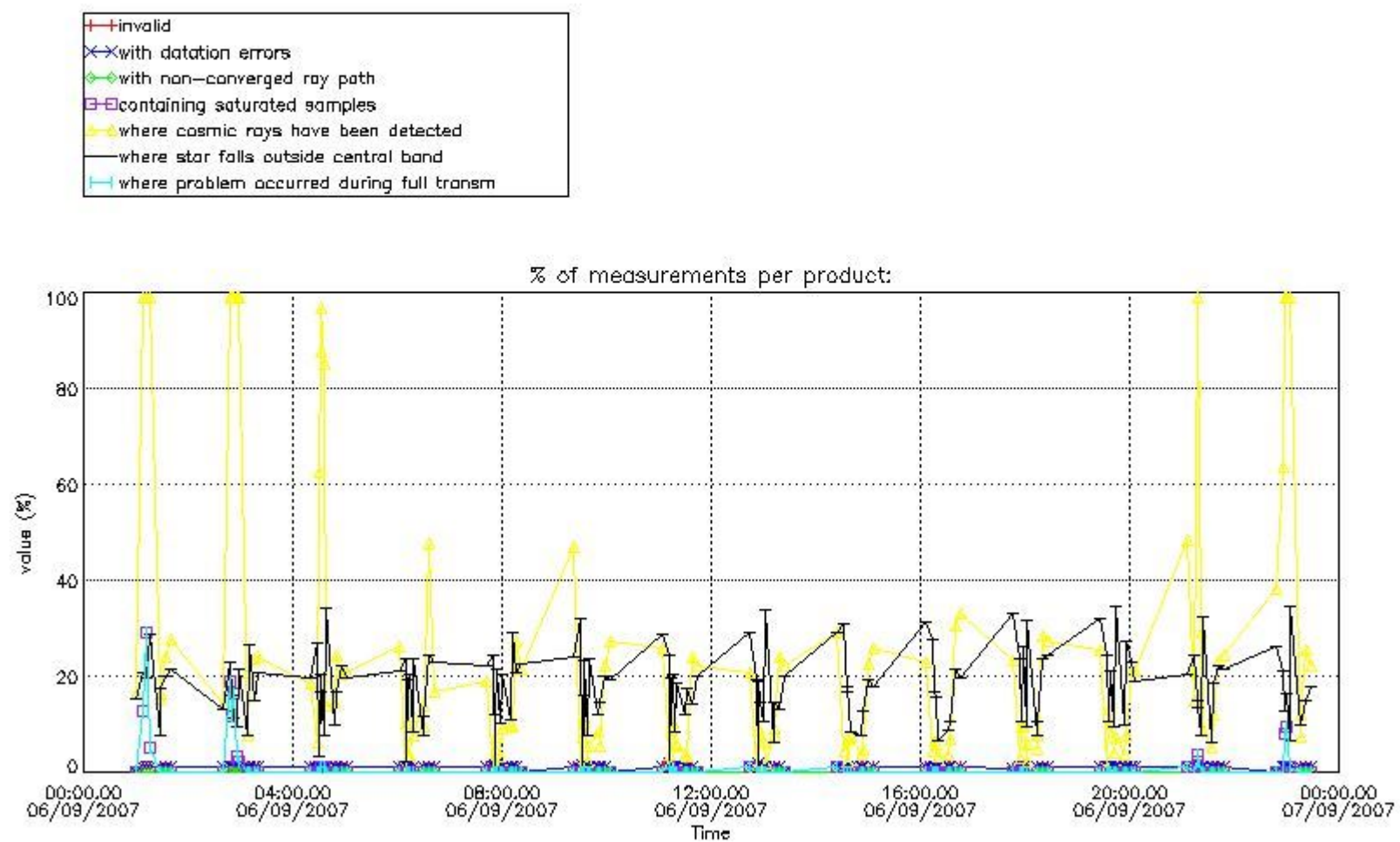


#### 4. Level 1 quality information per product

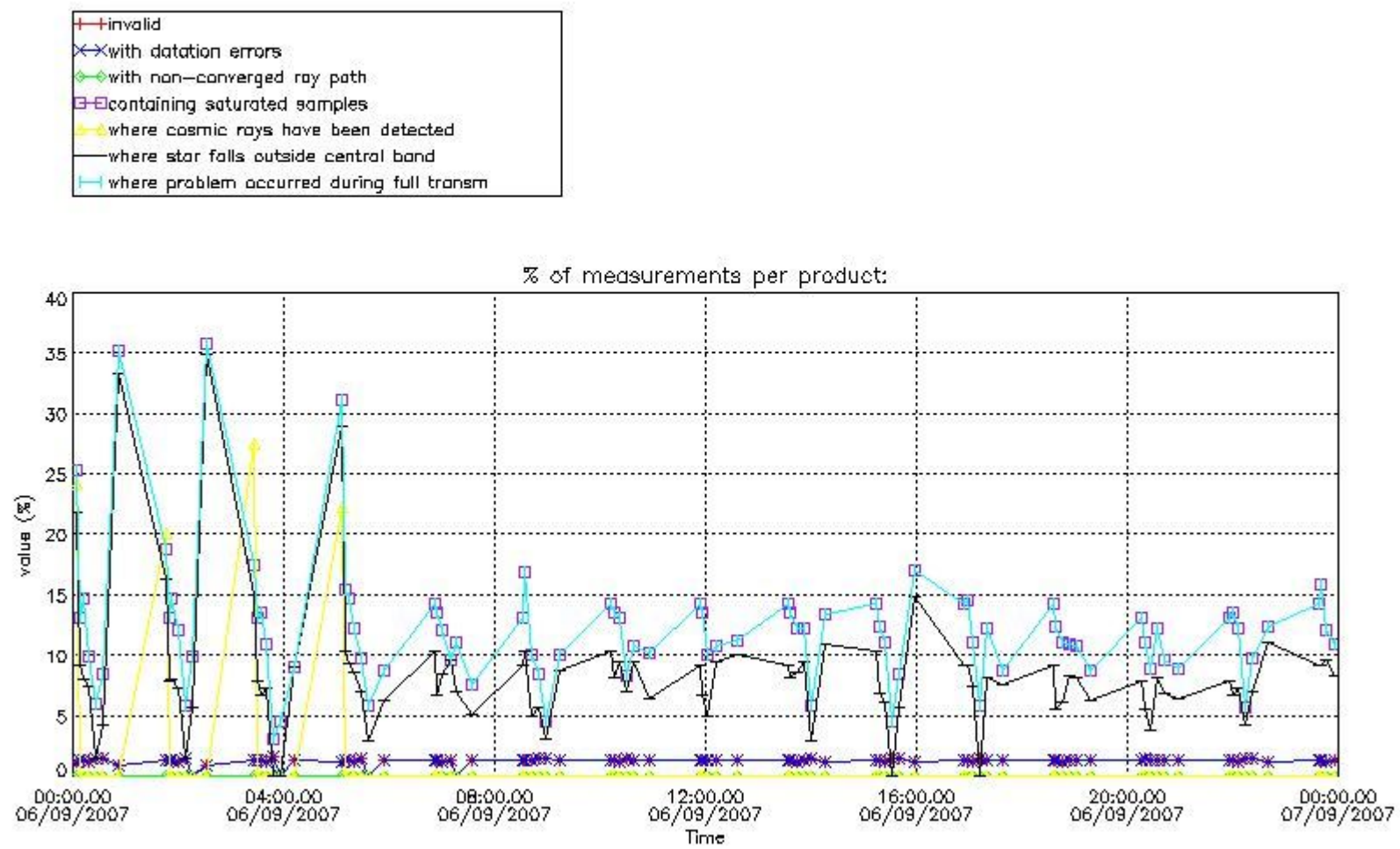
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



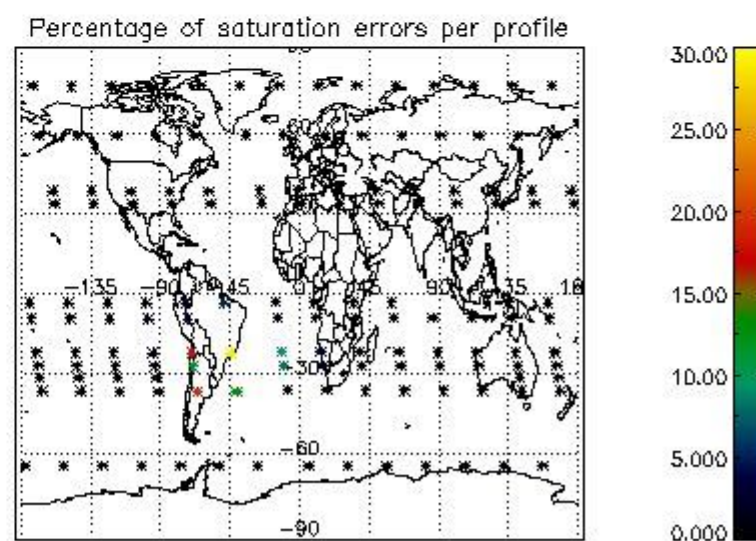
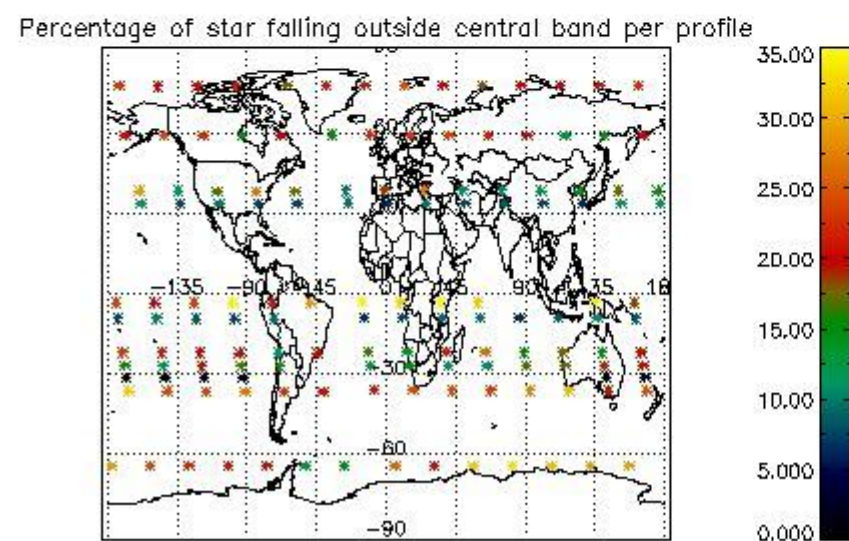
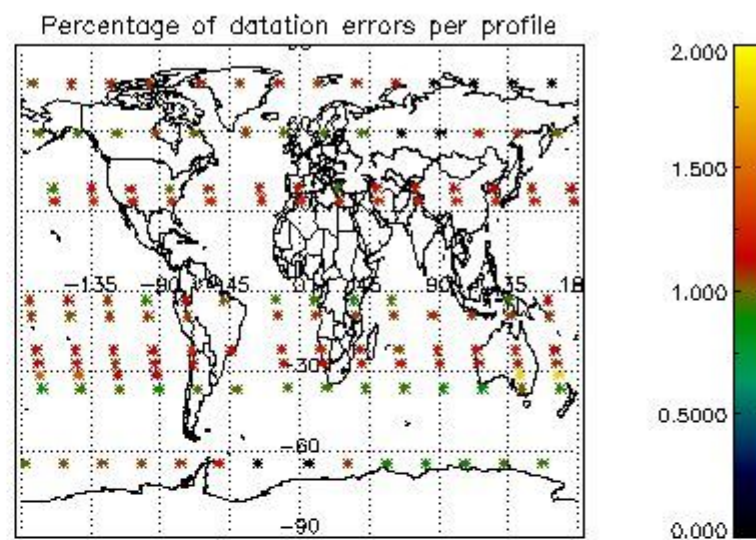
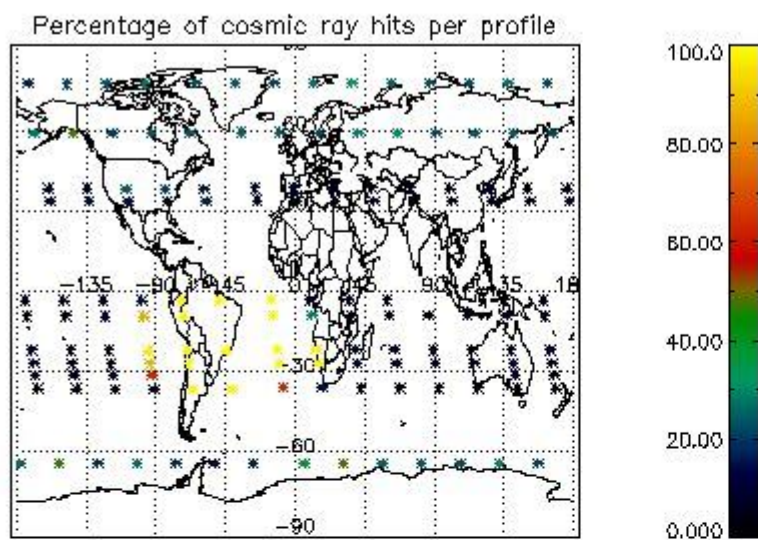
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



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

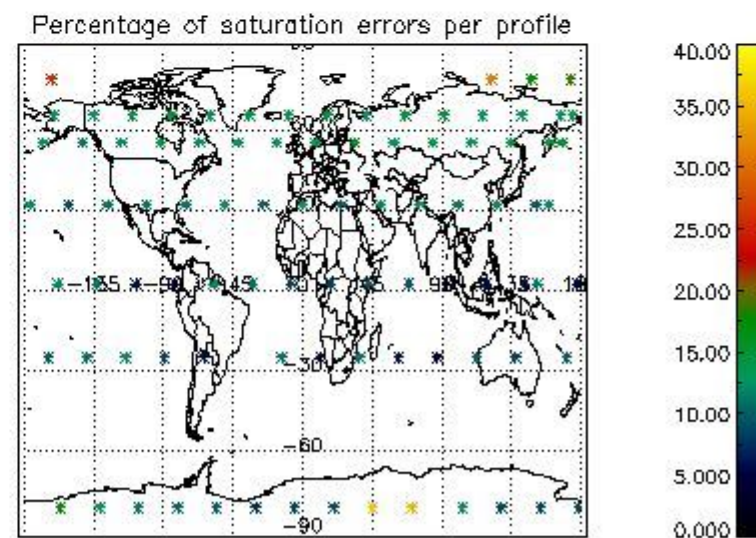
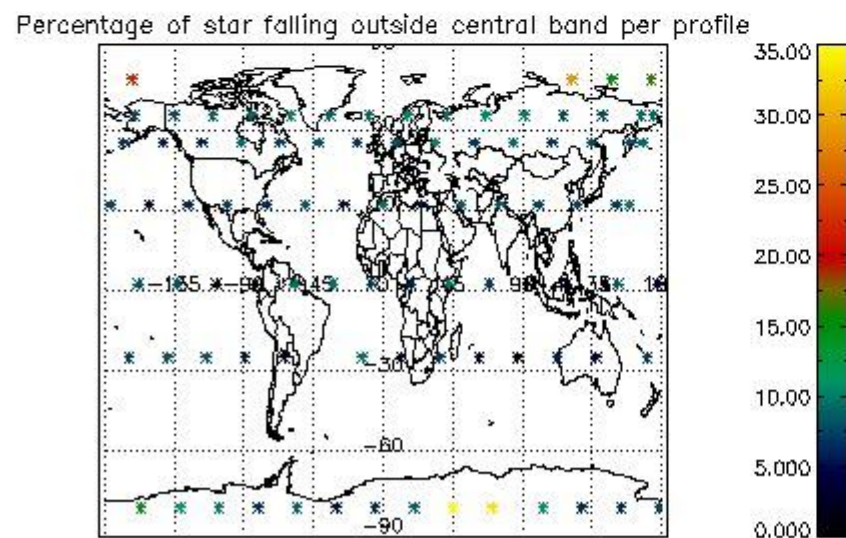
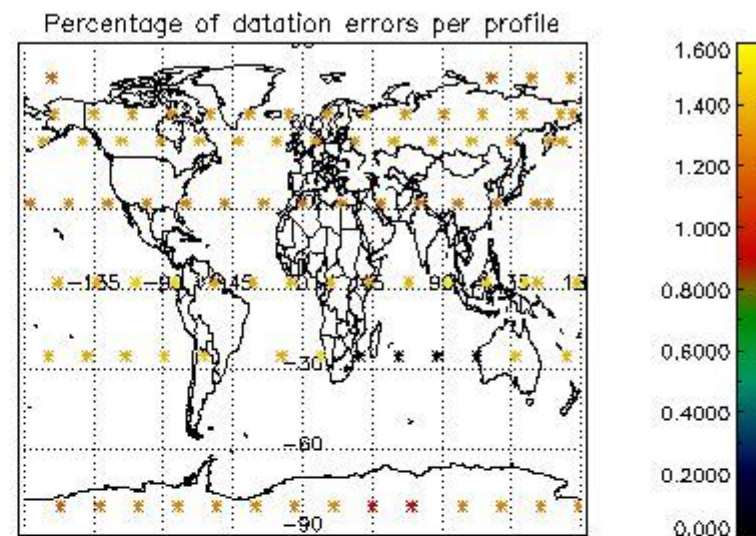
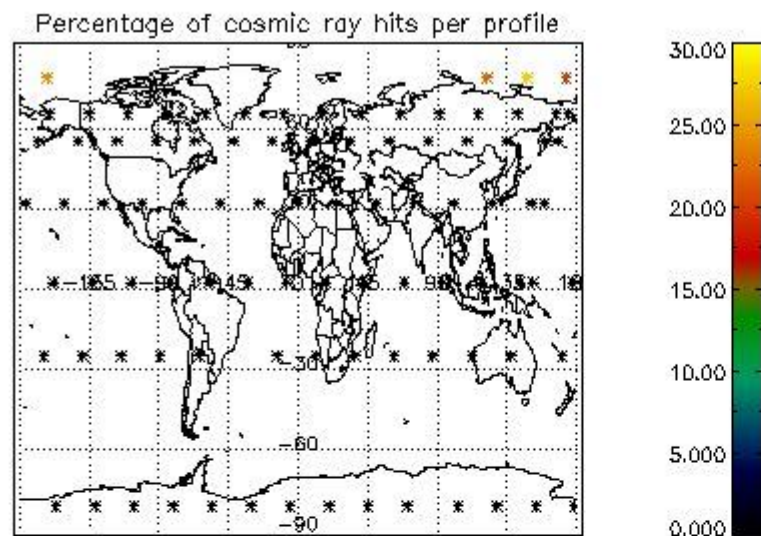
4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes





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

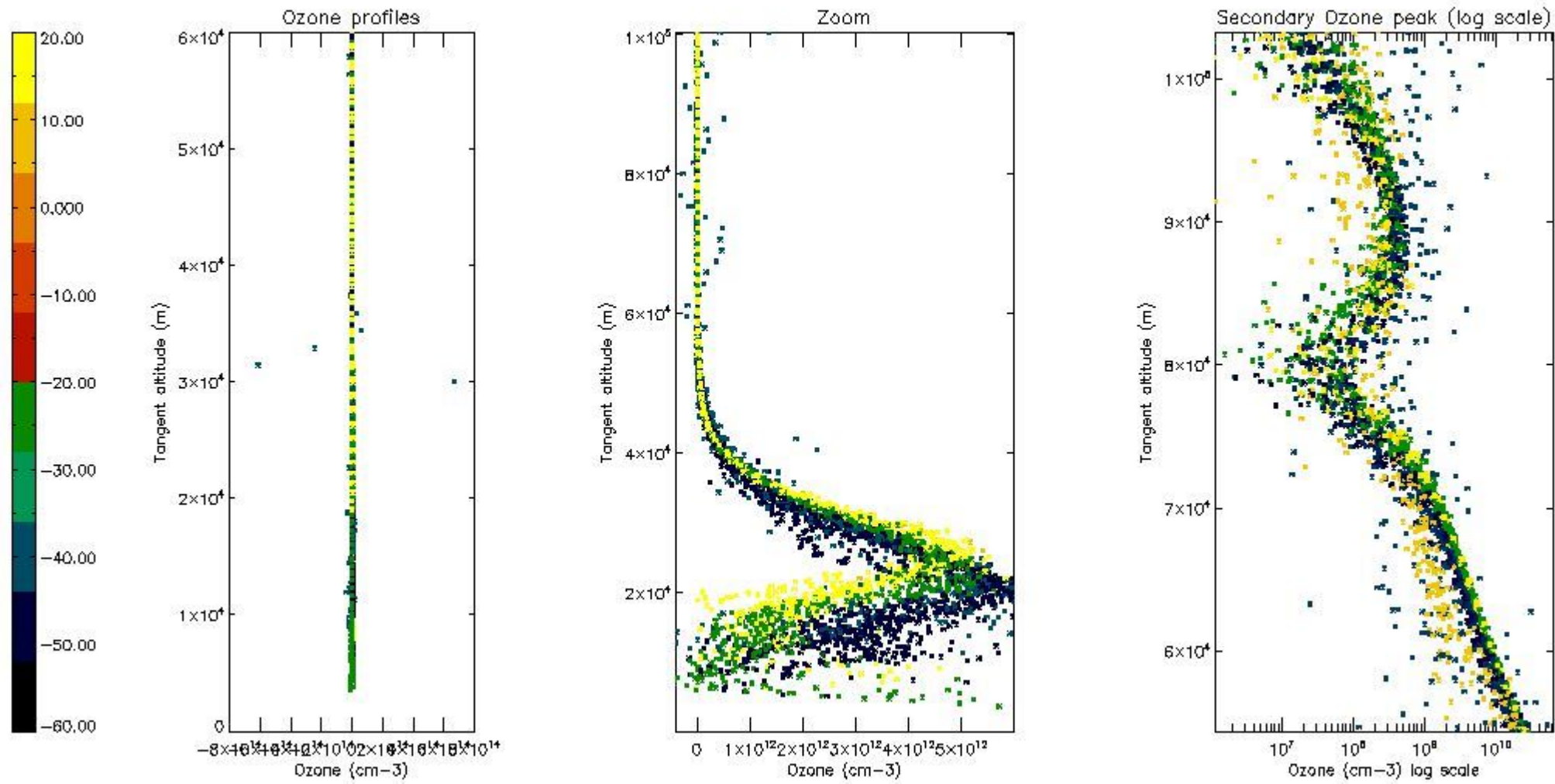
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	46
STD < 20	28

STD < 10	23
STD < 5	18

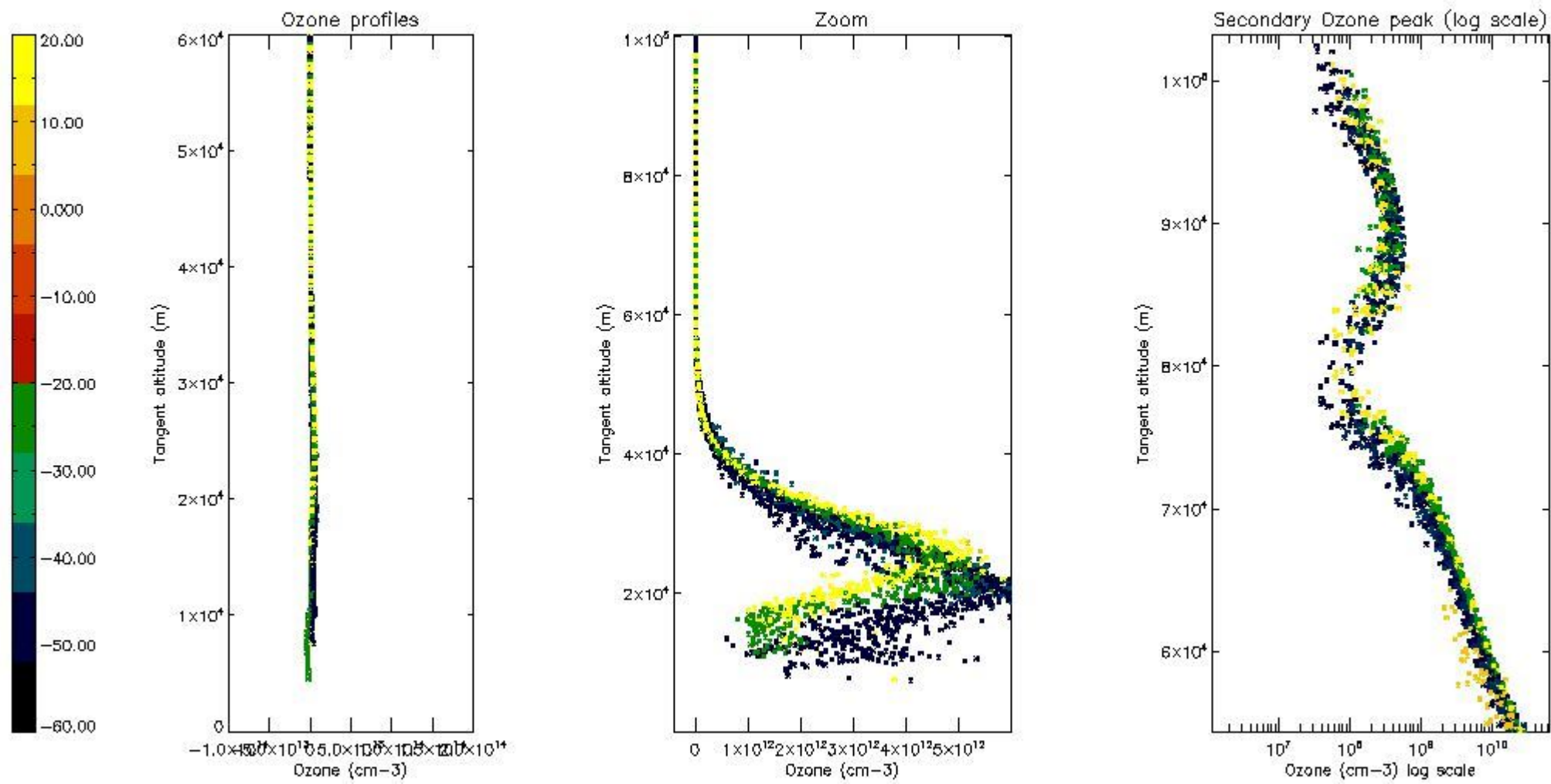
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

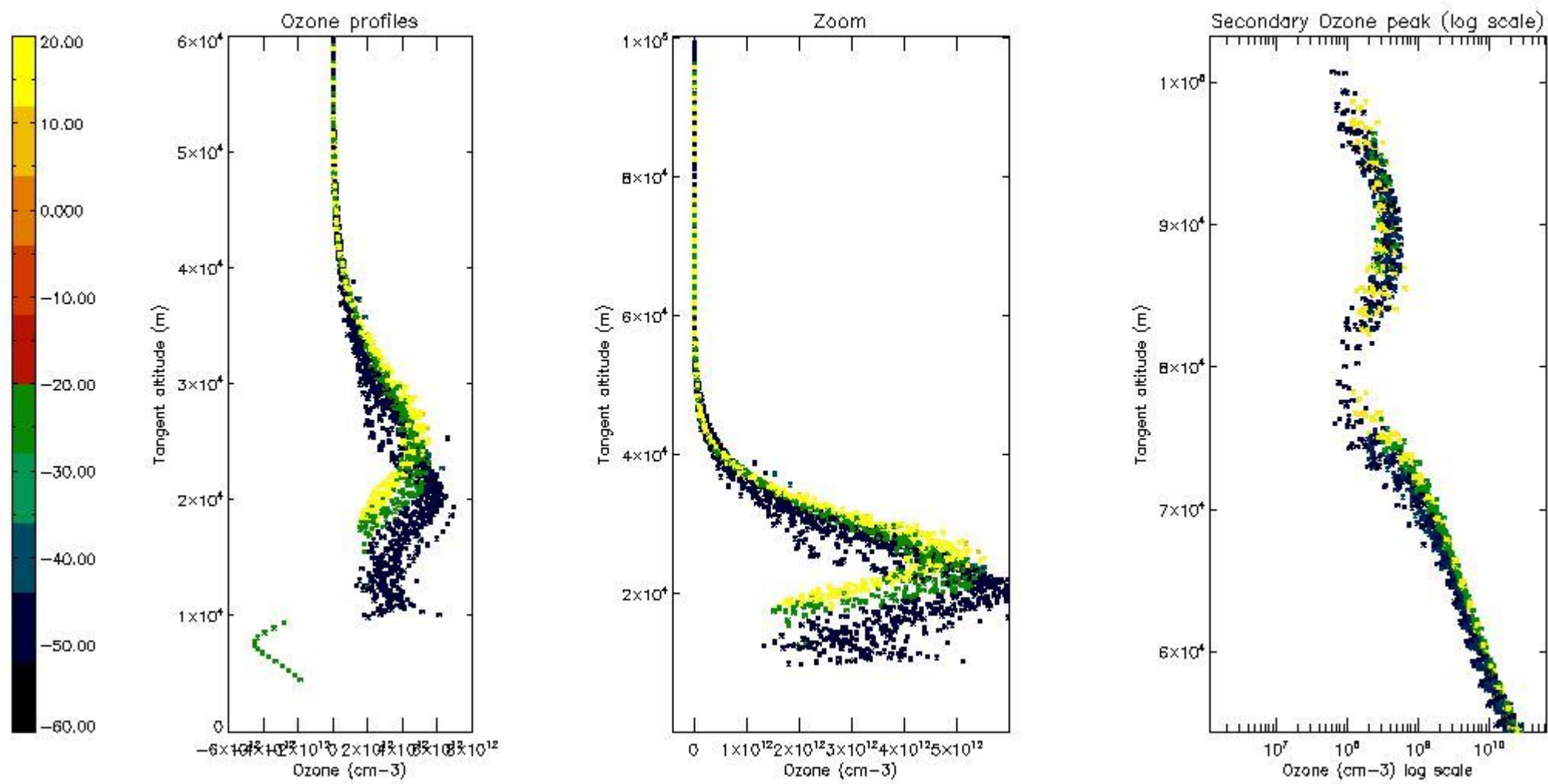
The colorbar represents the latitude.



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

The colorbar represents the latitude.

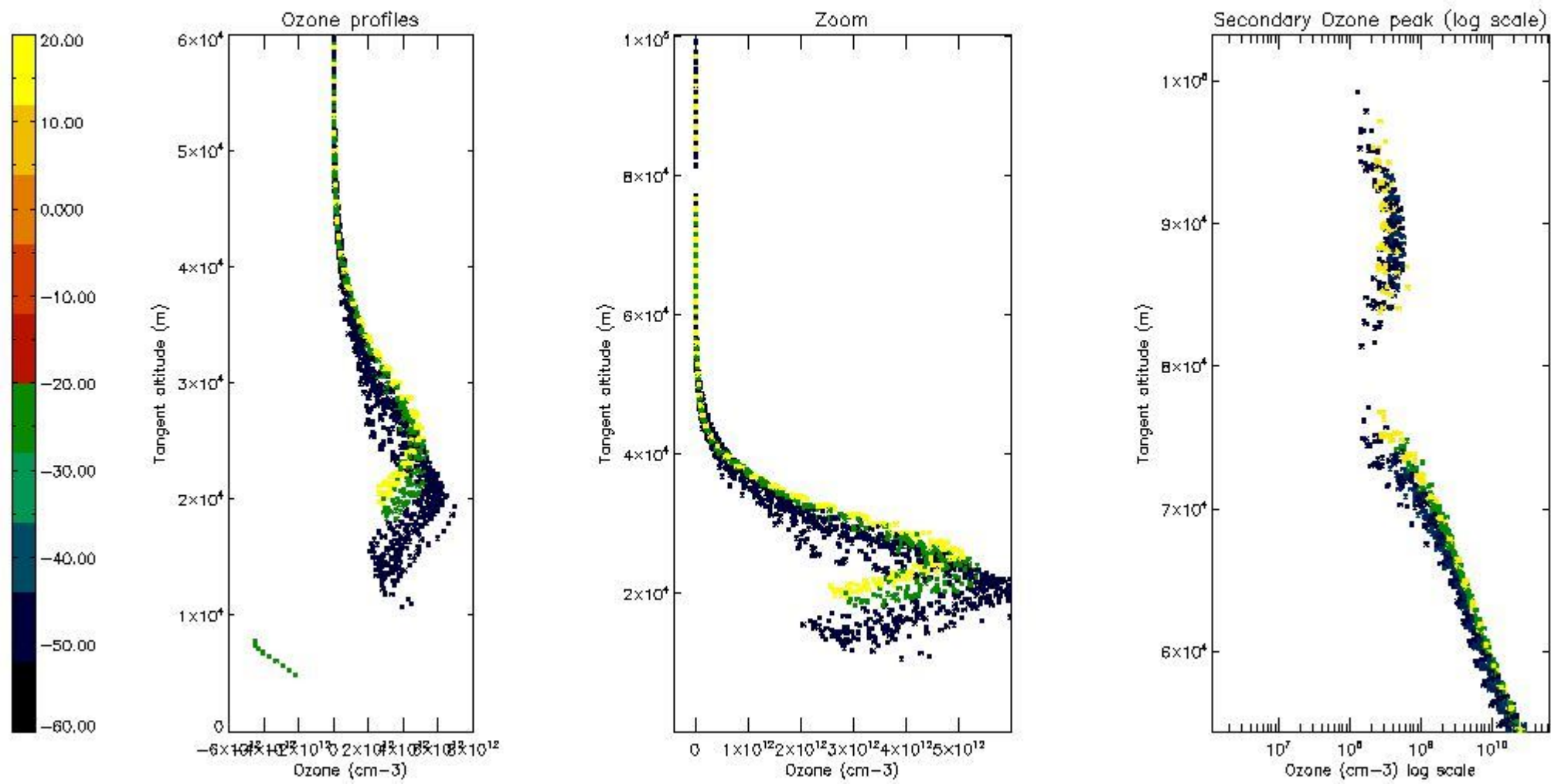




*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

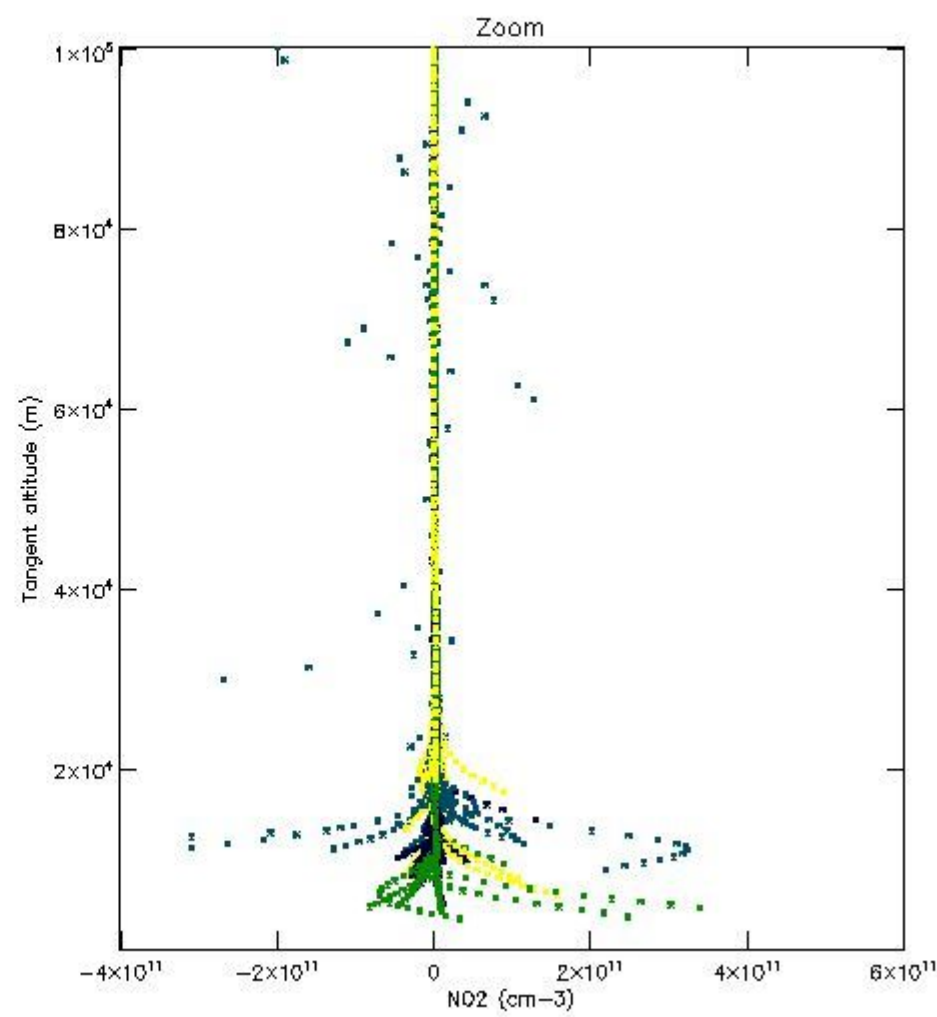
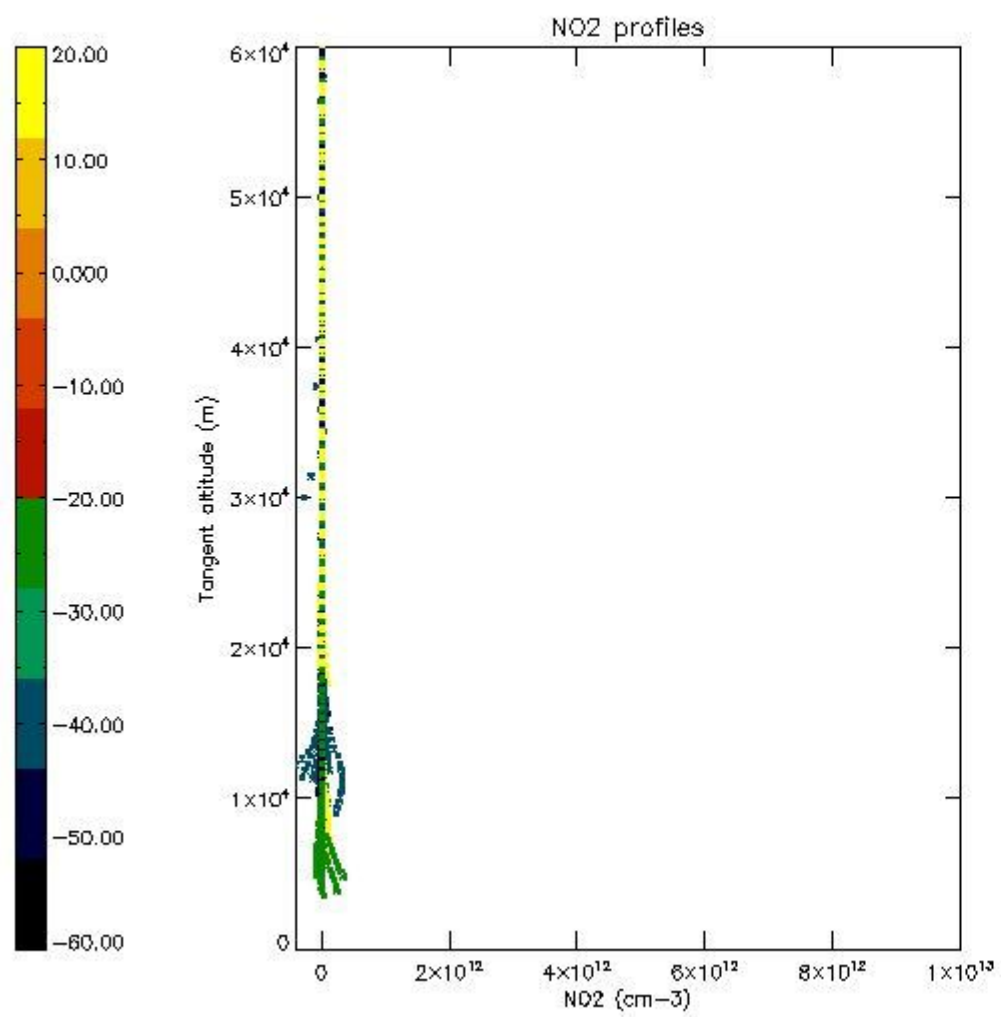
The colorbar represents the latitude.





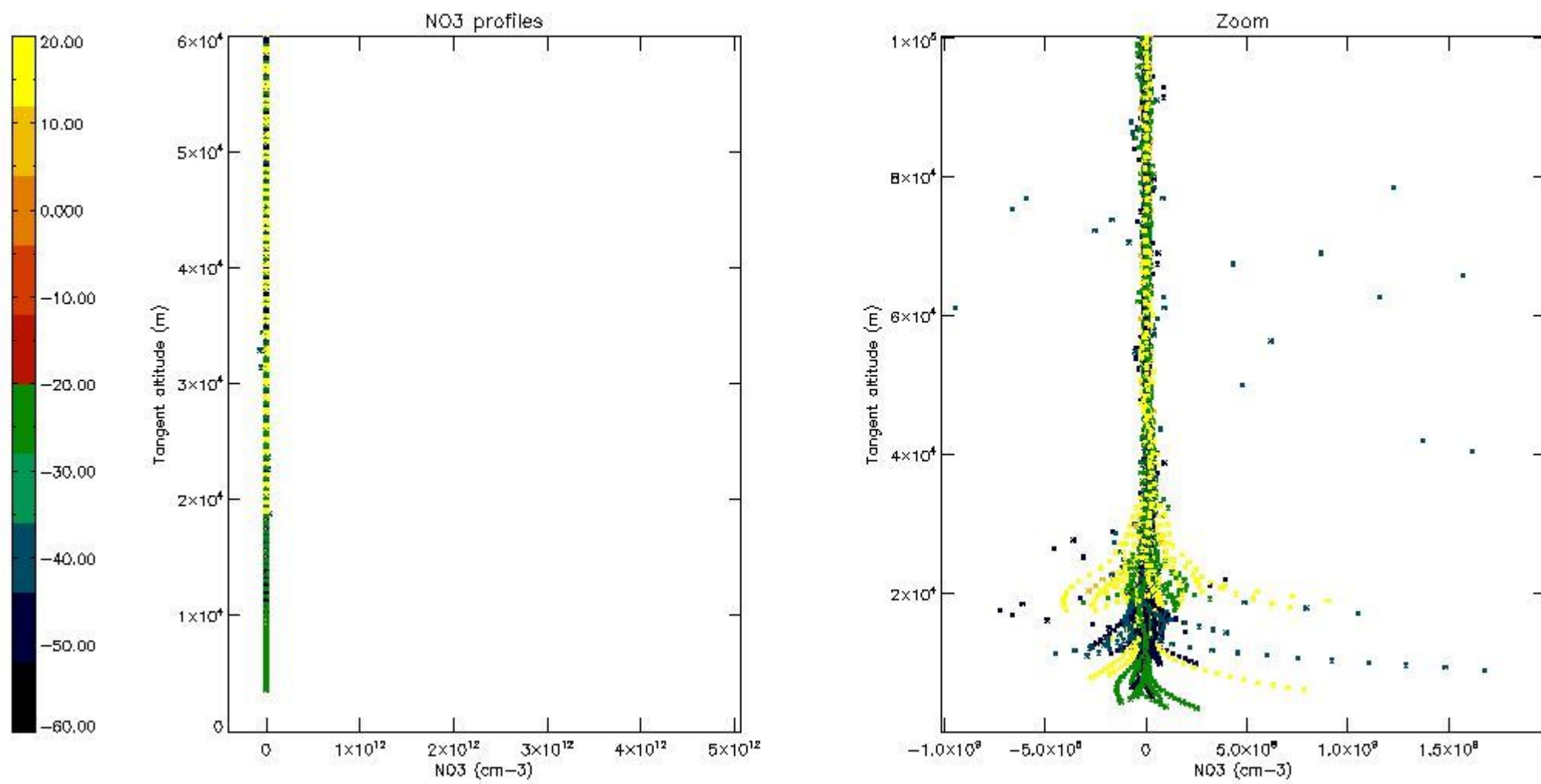
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



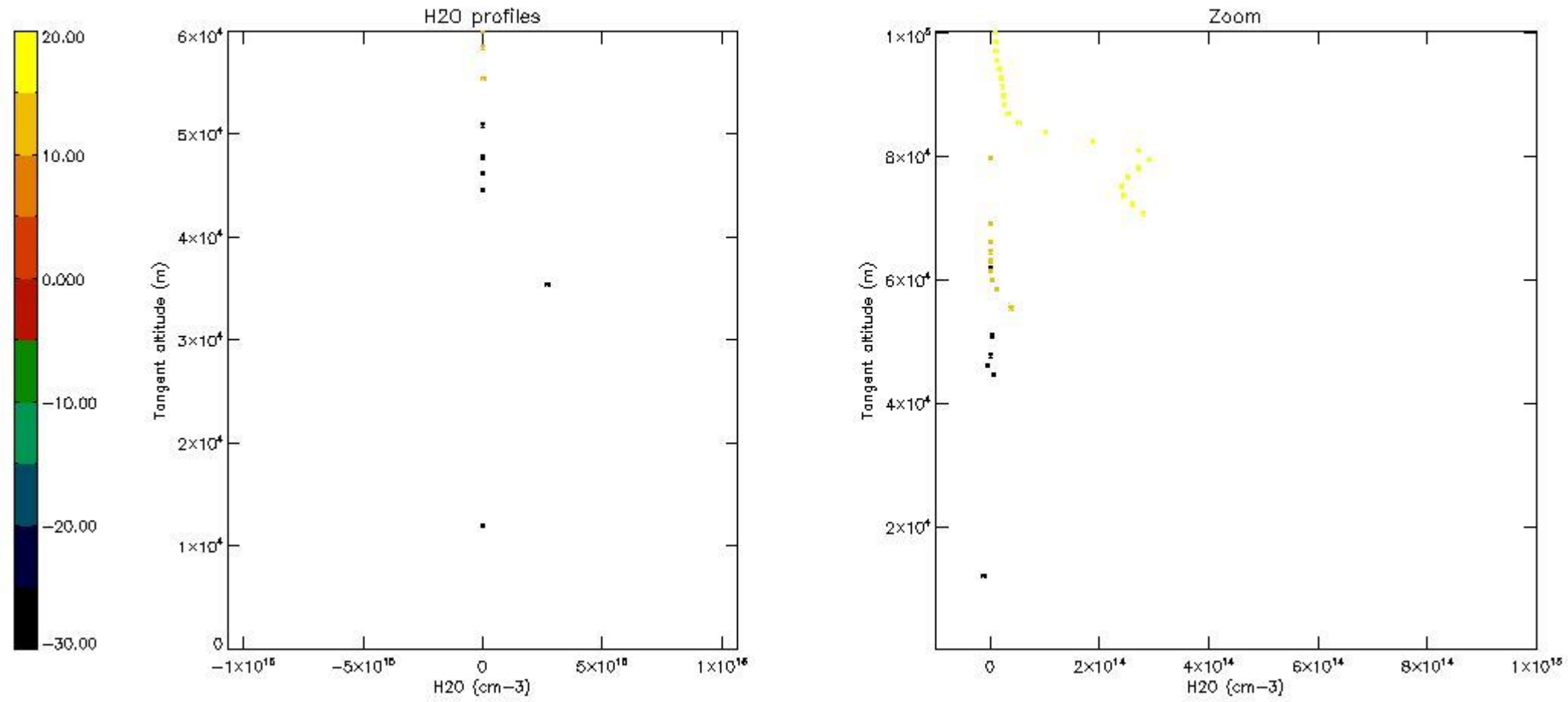
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

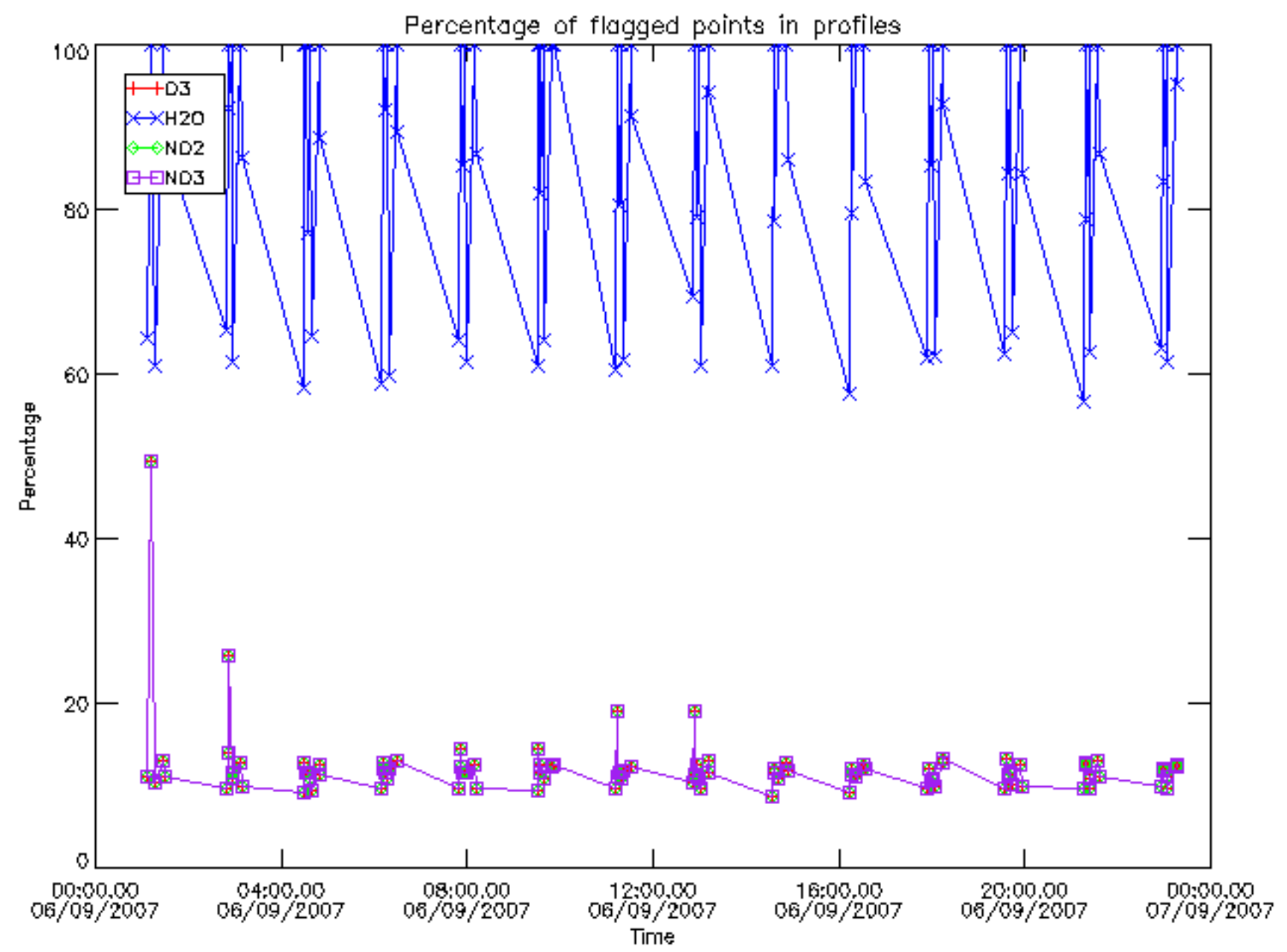


## 6. Auxiliary Data Files used for the production reported in section 2

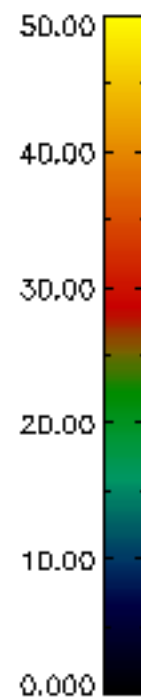
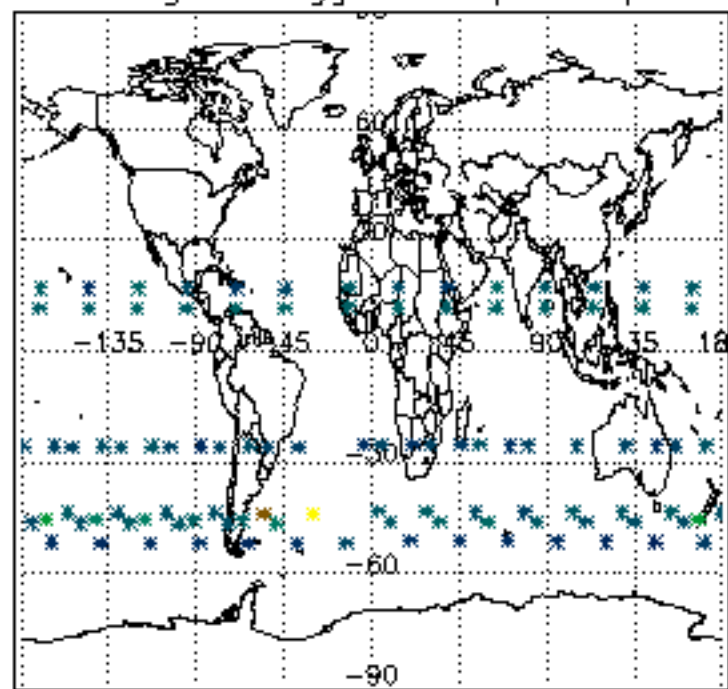
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	06-SEP-2007 00:04:27
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	06-SEP-2007 00:04:27
CROSS_SECTIONS_FILE	GOM_CR2_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	06-SEP-2007 00:04:27

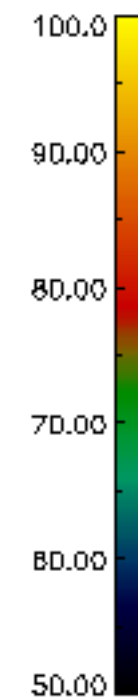
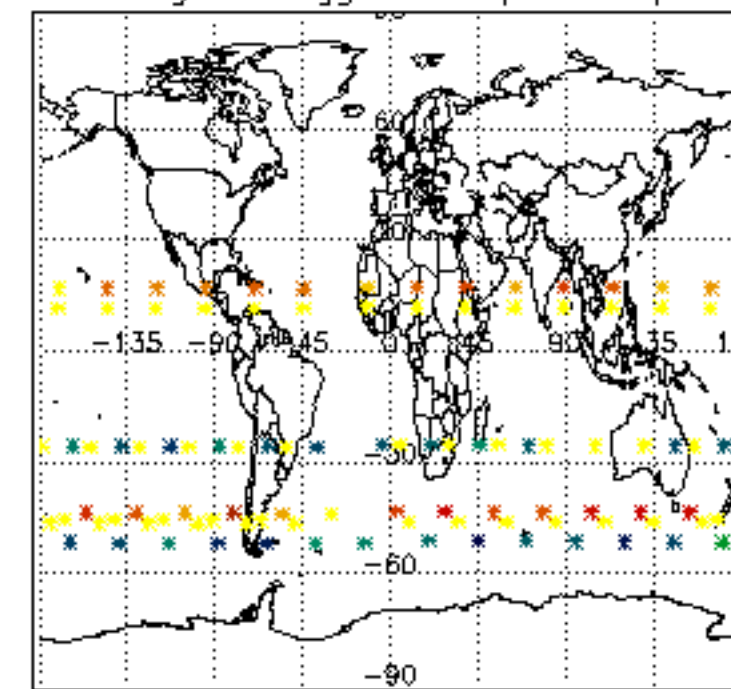




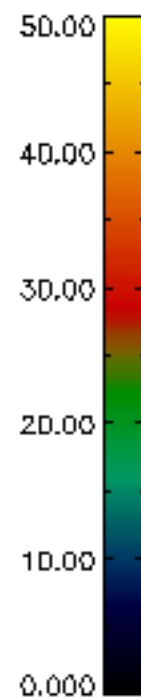
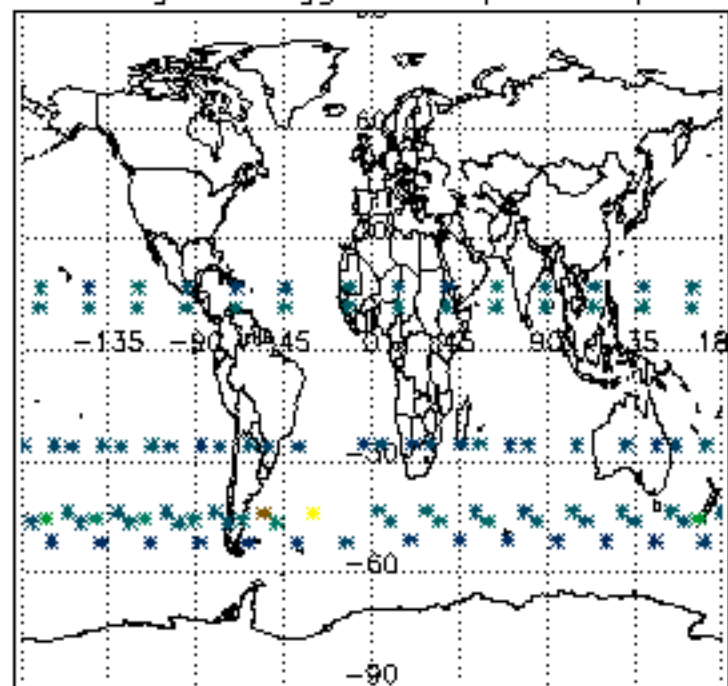
Percentage of flagged data per D3 profile



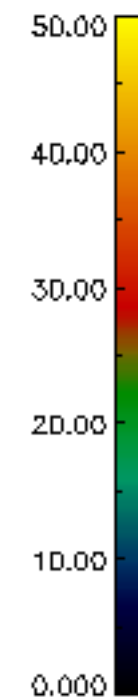
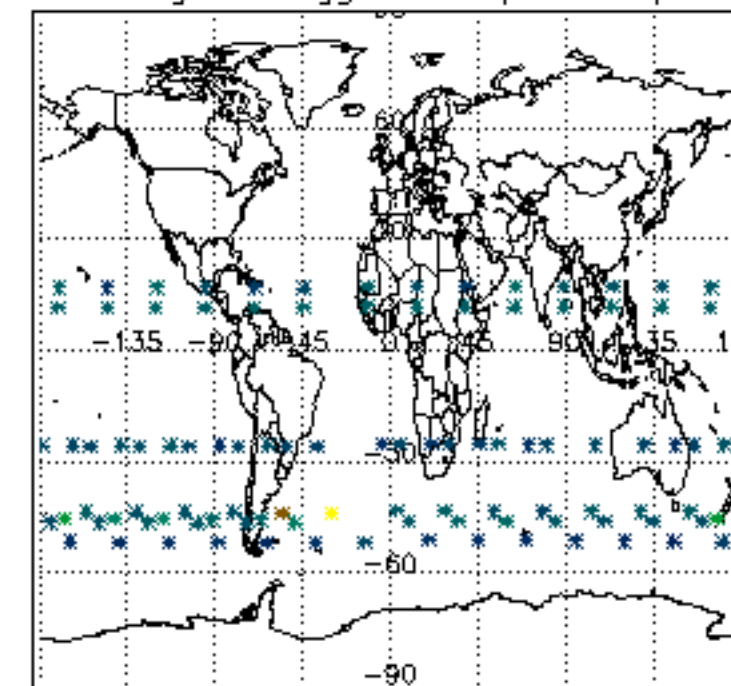
Percentage of flagged data per H2O profile

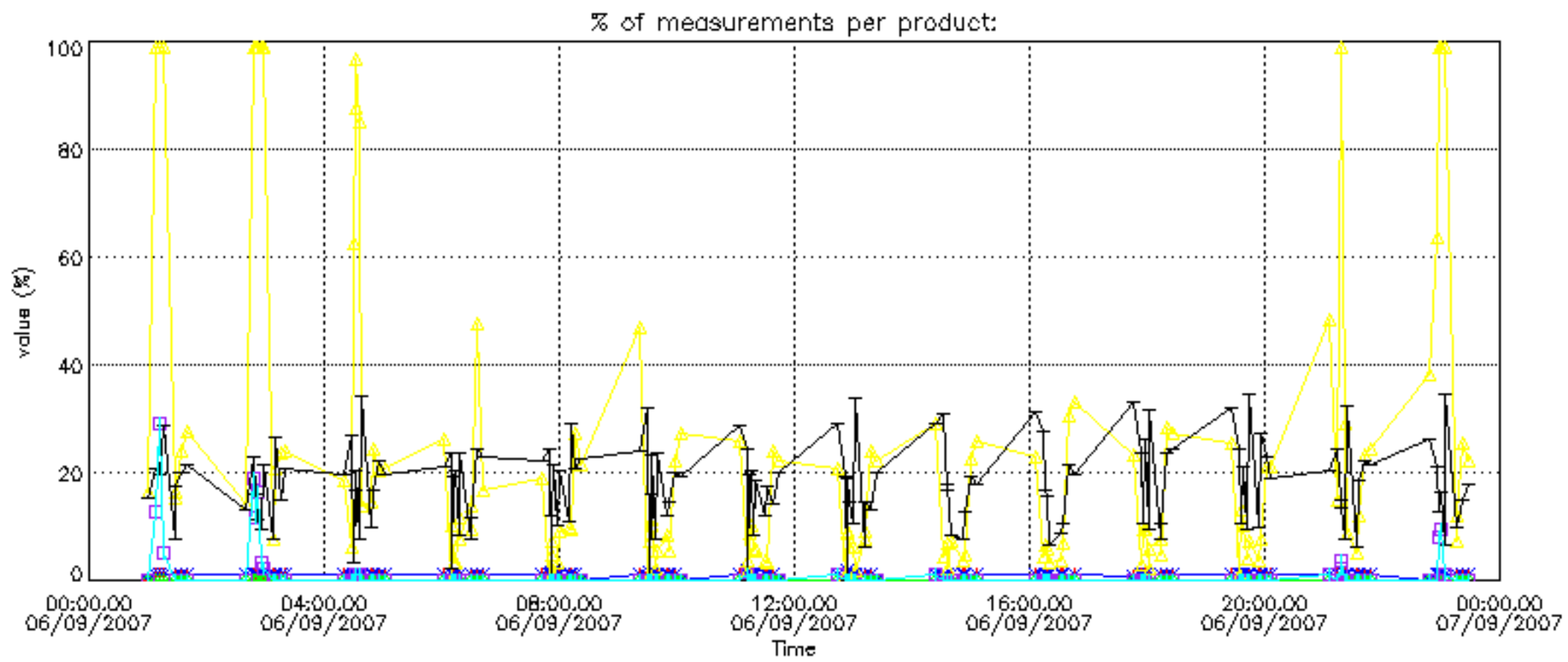


Percentage of flagged data per NO2 profile

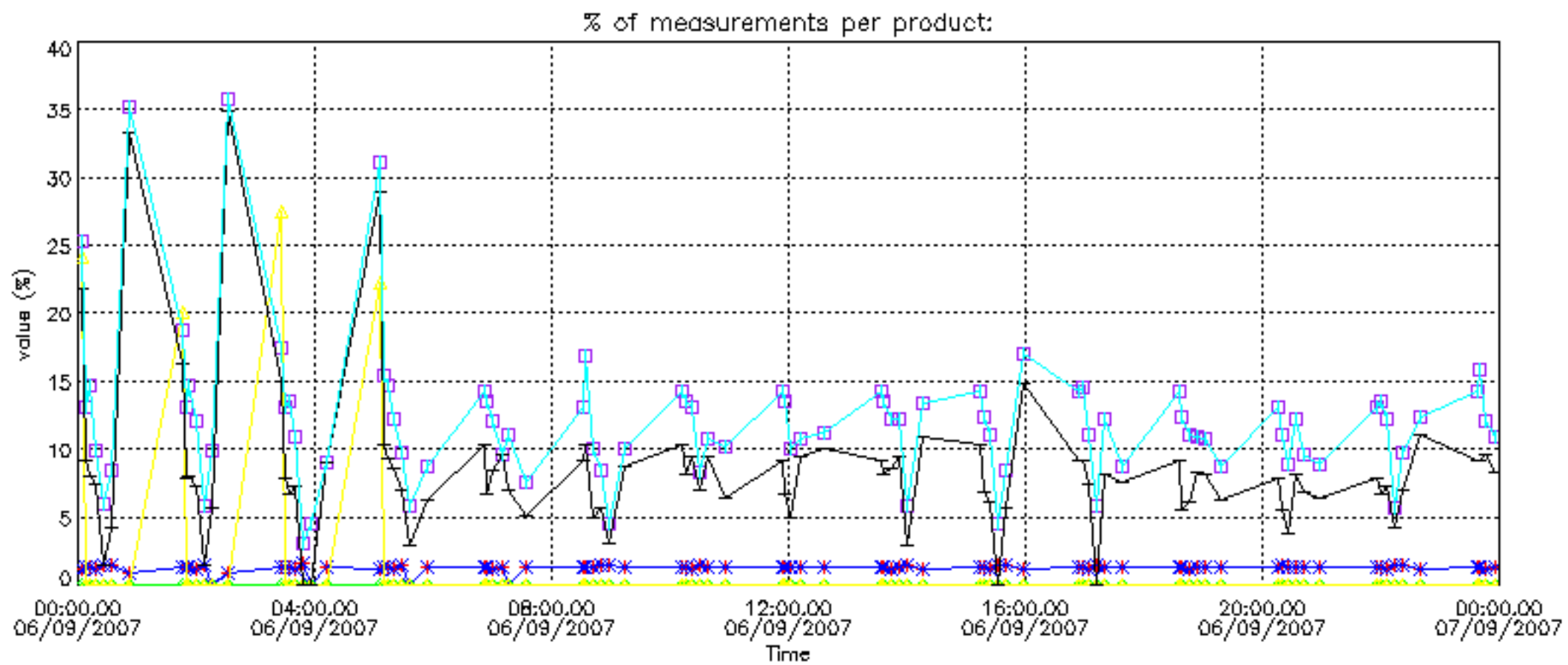


Percentage of flagged data per NO3 profile

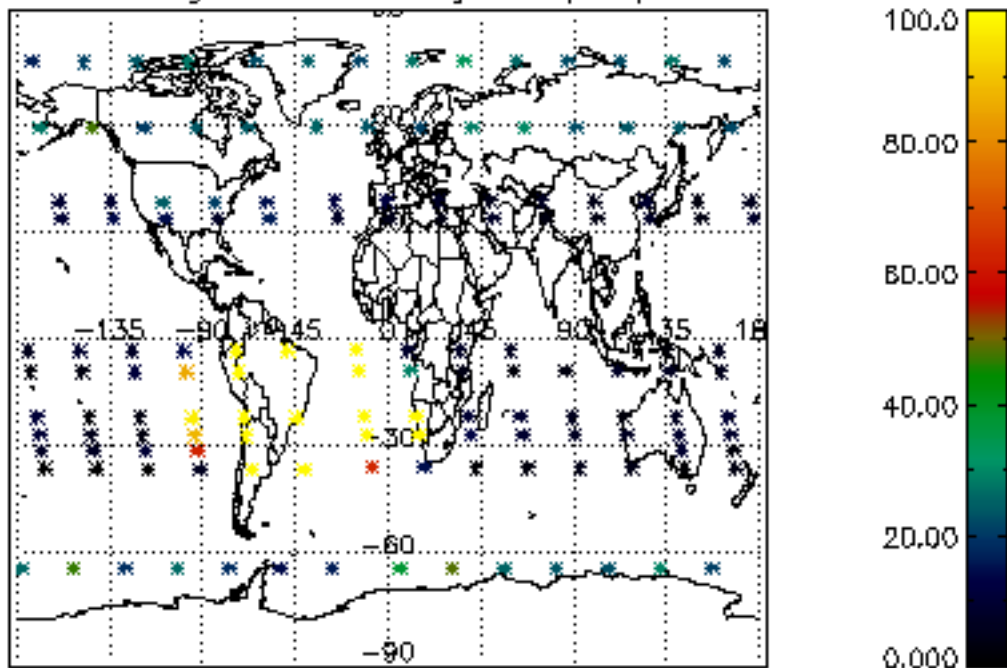




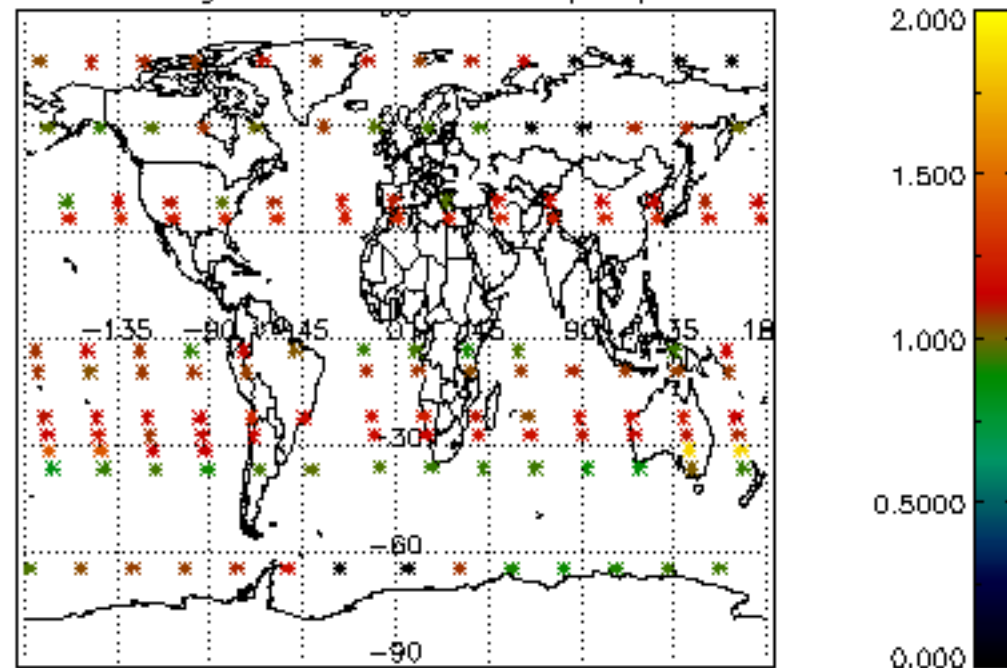




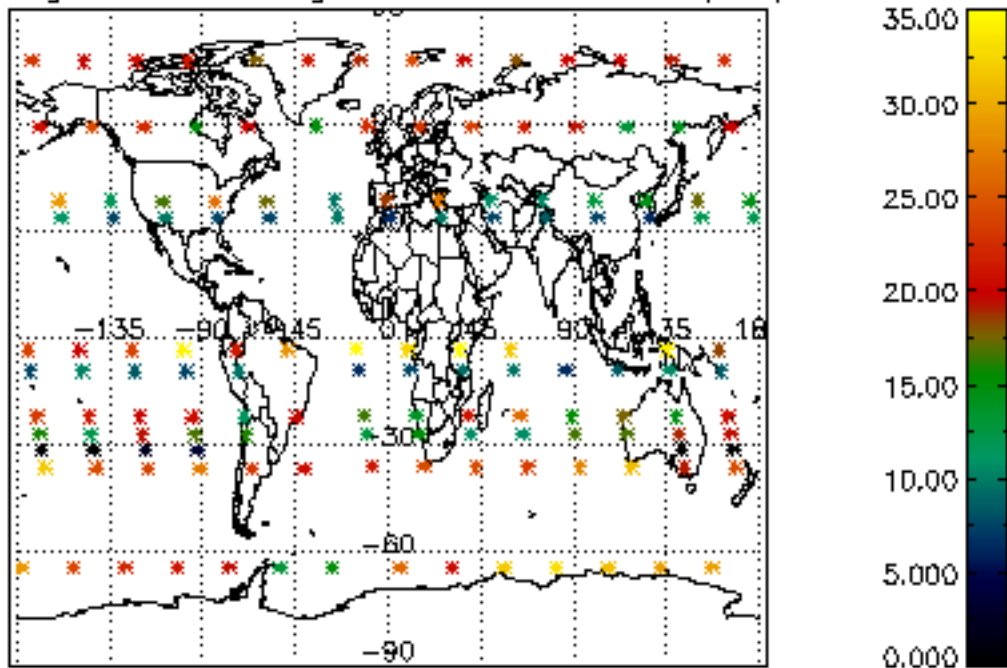
Percentage of cosmic ray hits per profile



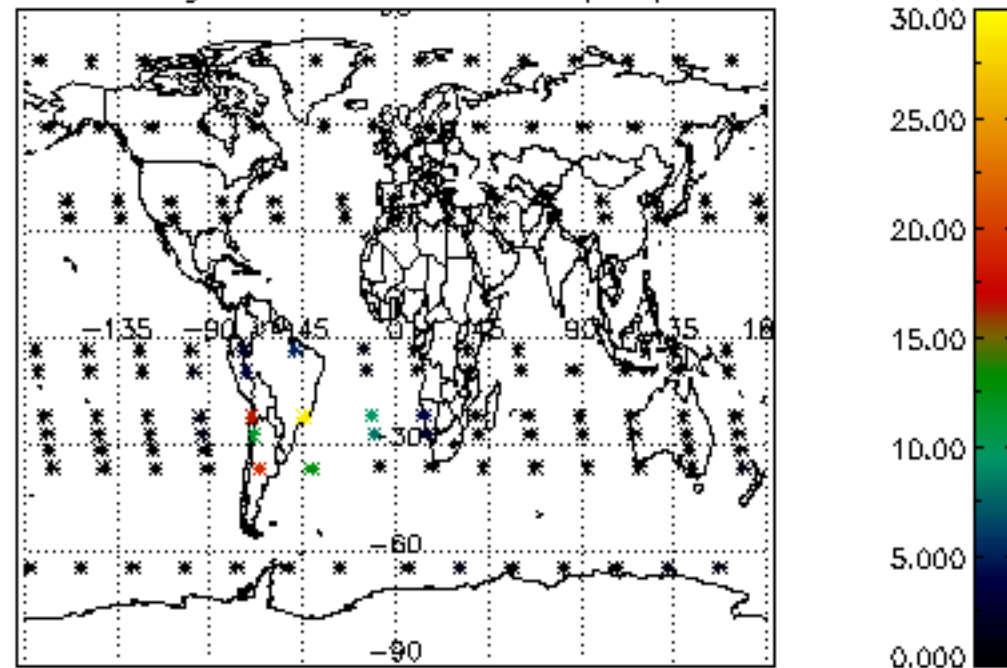
Percentage of datation errors per profile



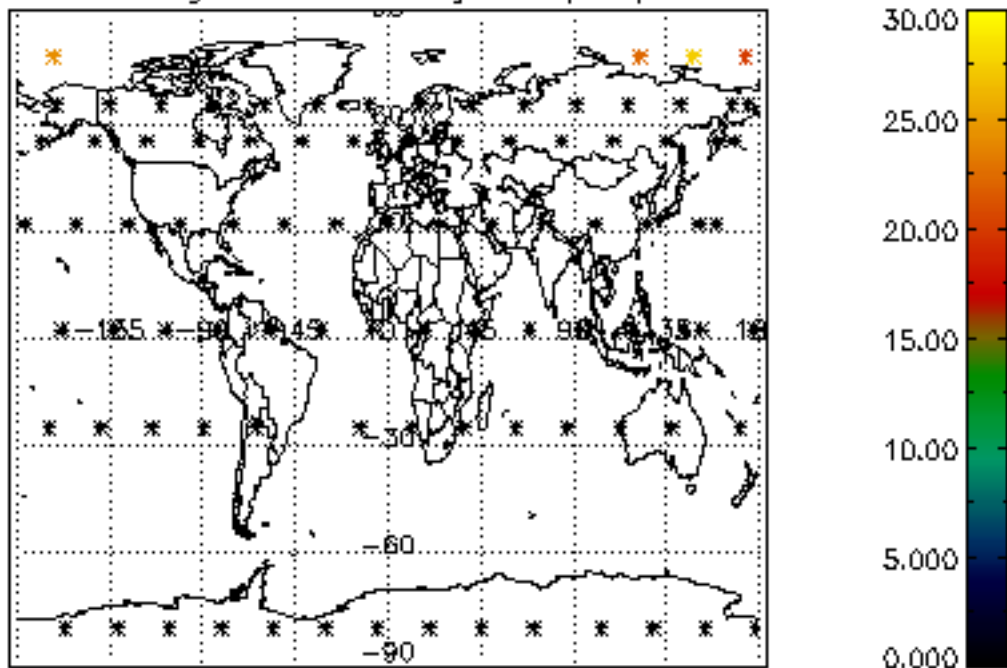
Percentage of star falling outside central band per profile



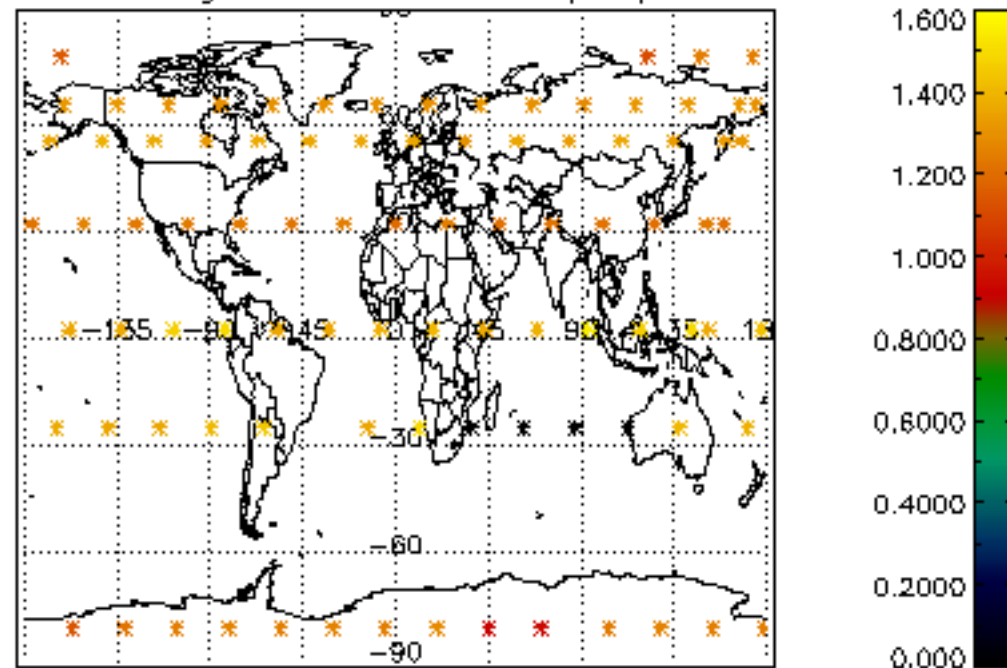
Percentage of saturation errors per profile



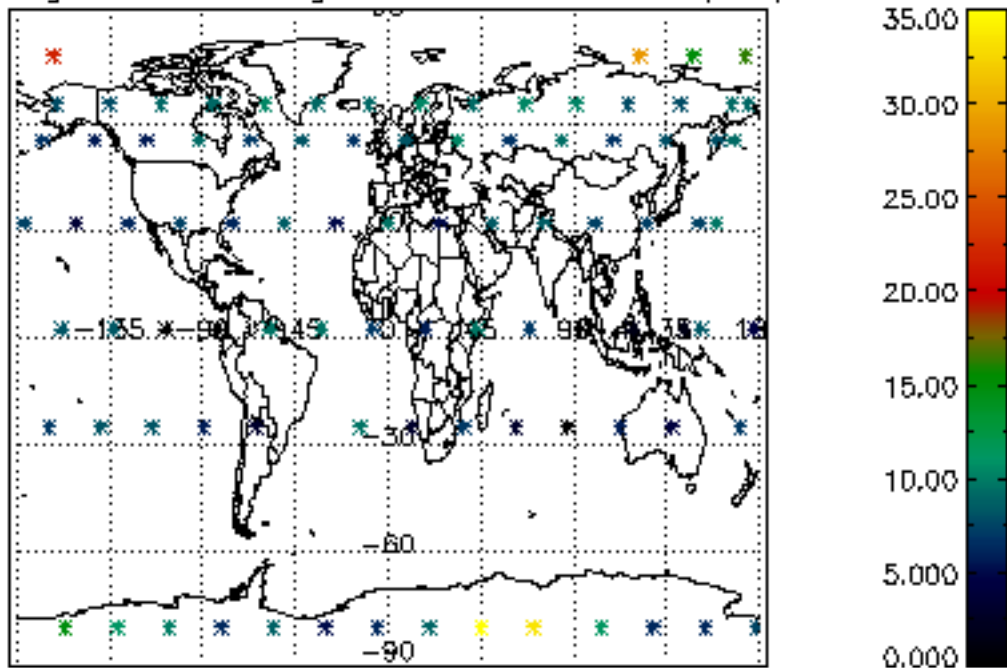
Percentage of cosmic ray hits per profile



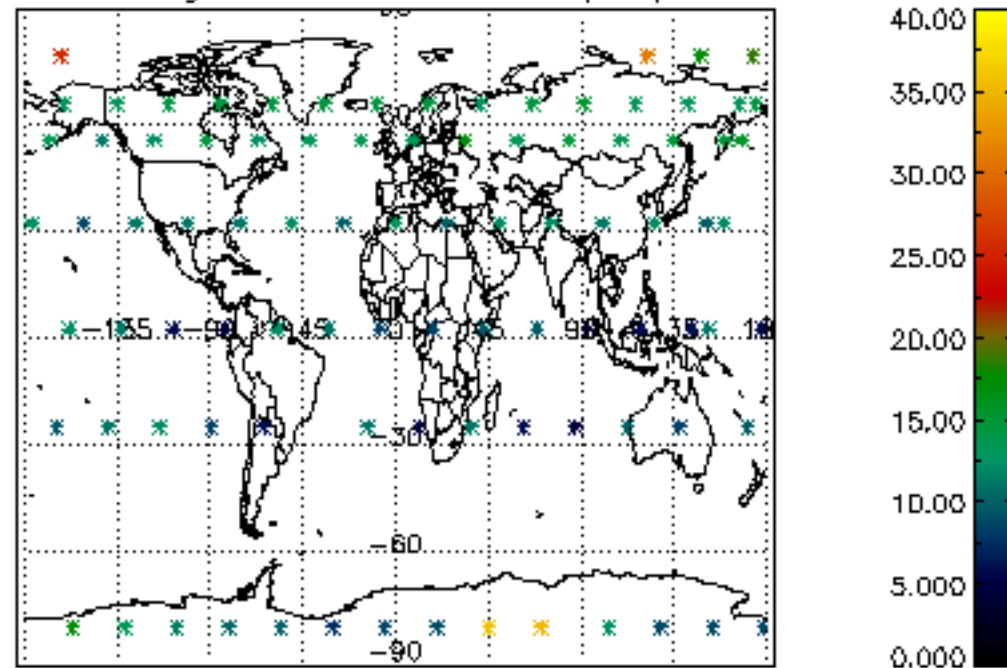
Percentage of datation errors per profile



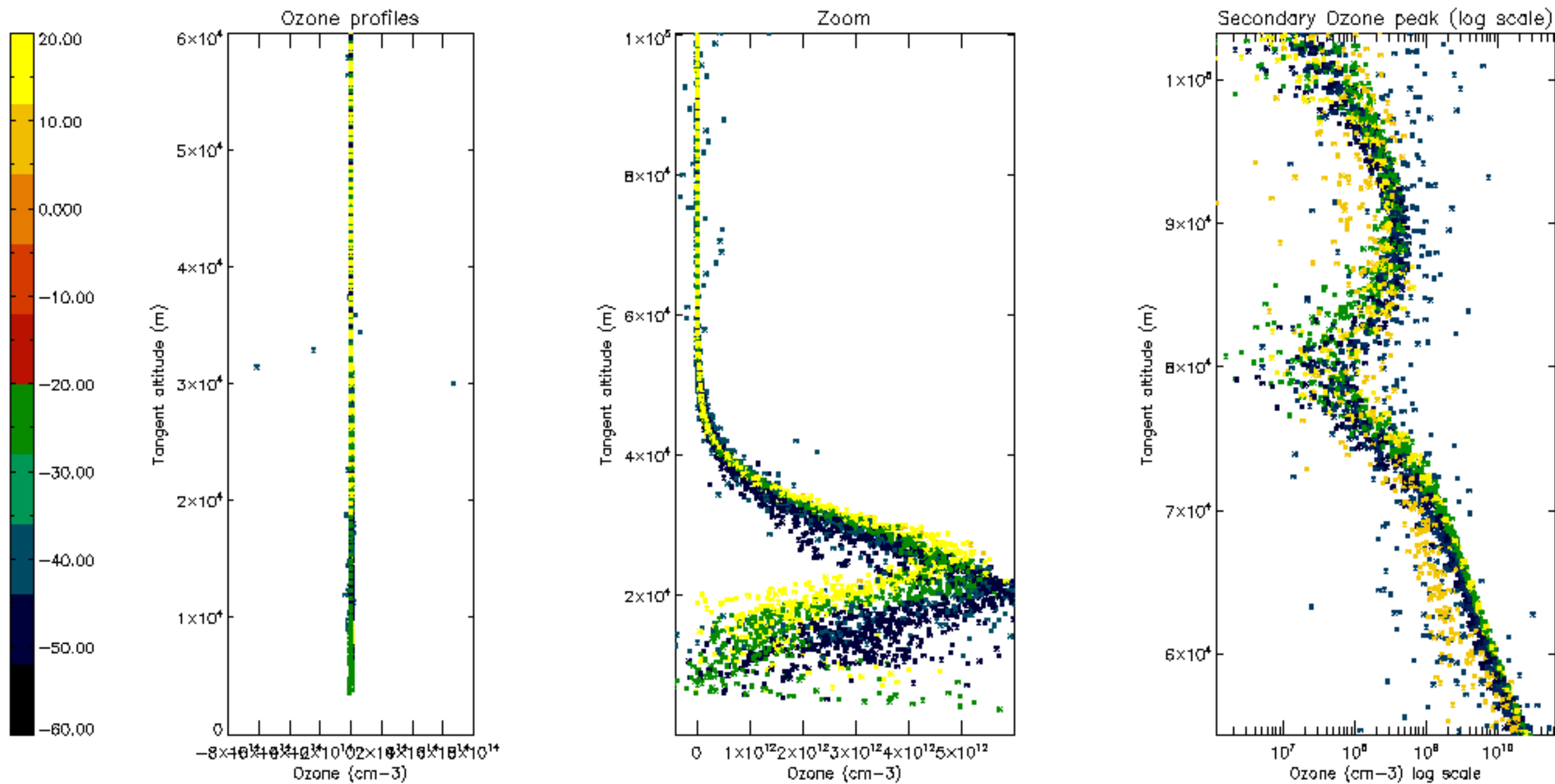
Percentage of star falling outside central band per profile

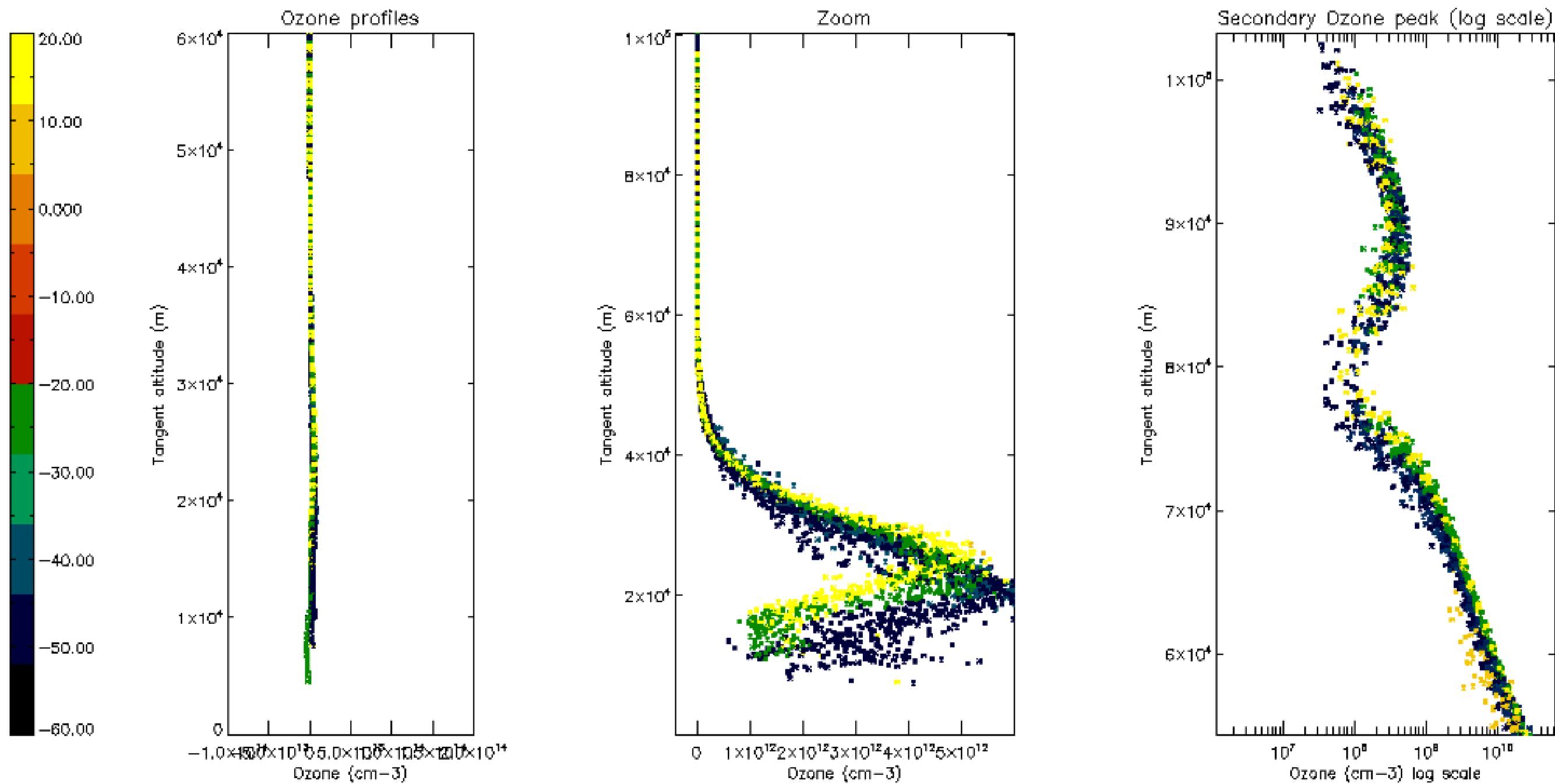


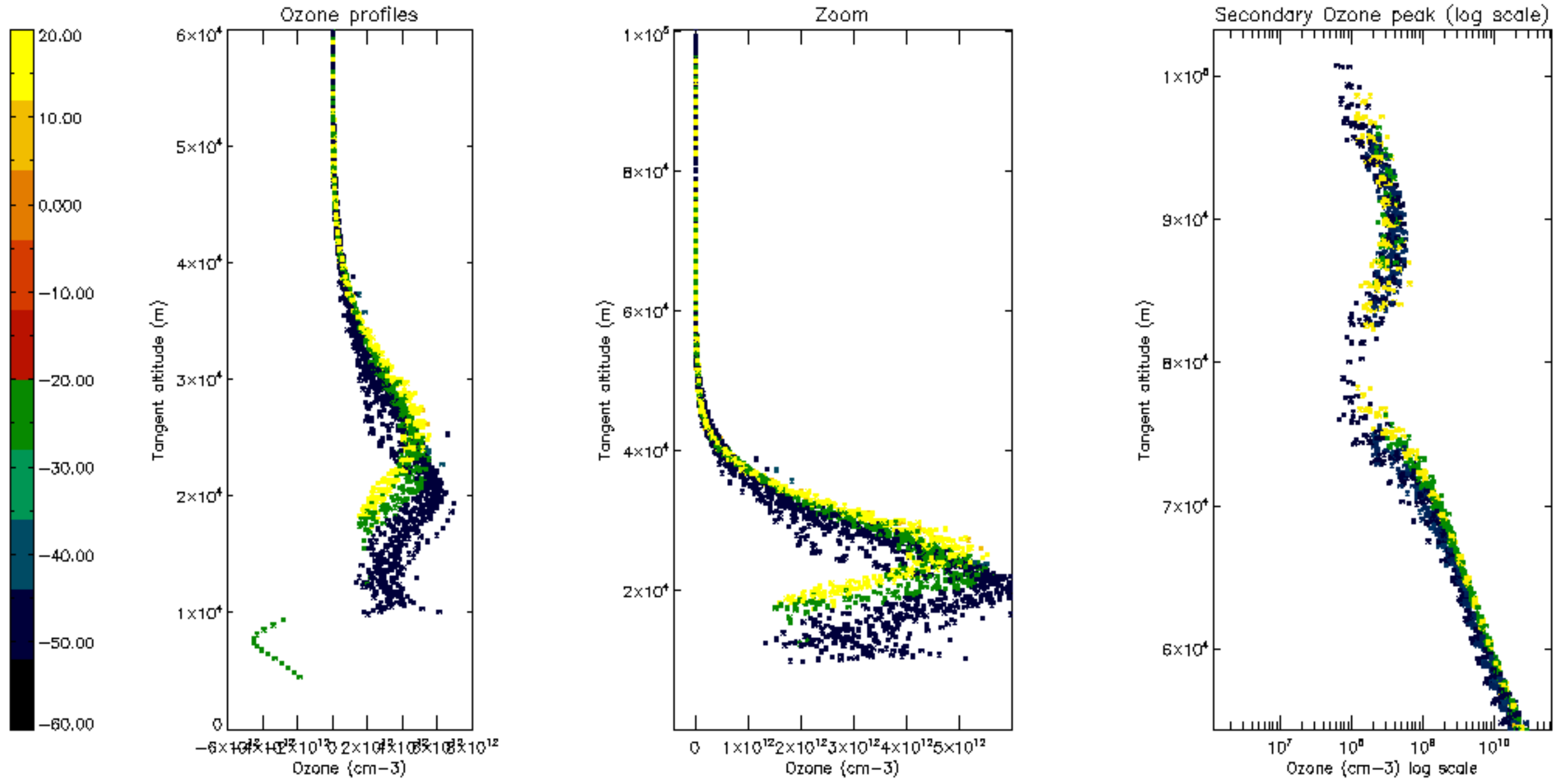
Percentage of saturation errors per profile



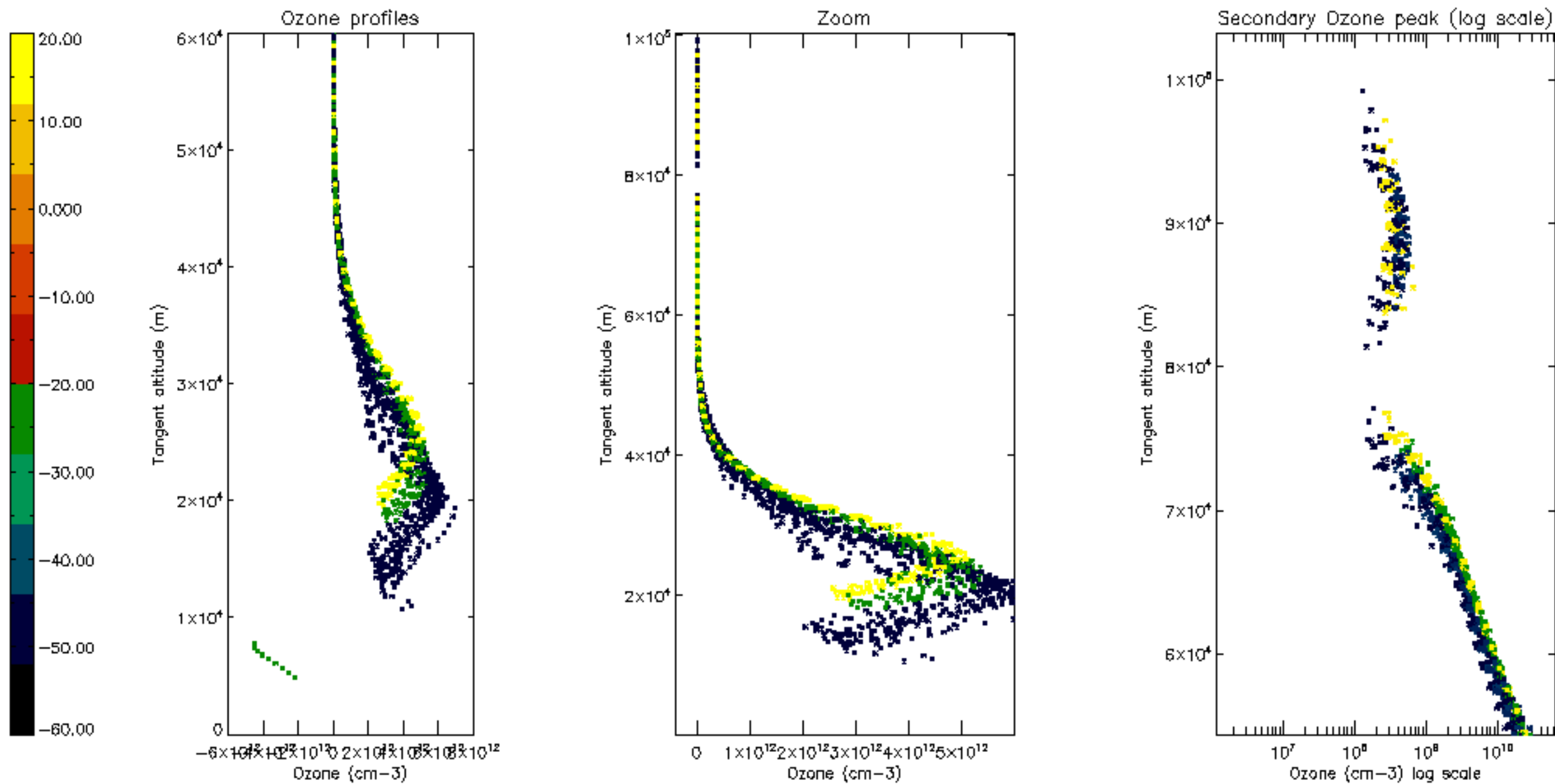


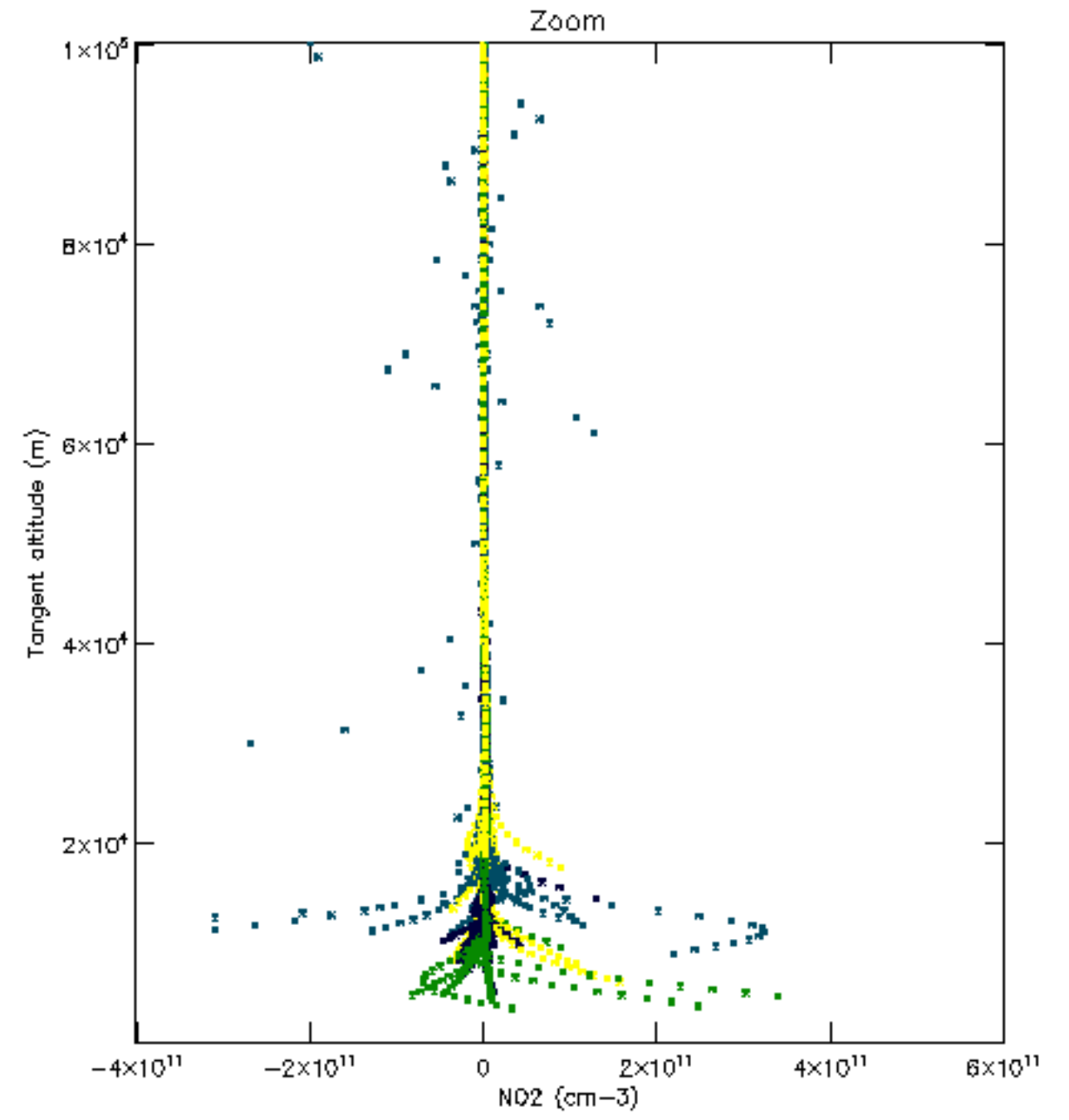
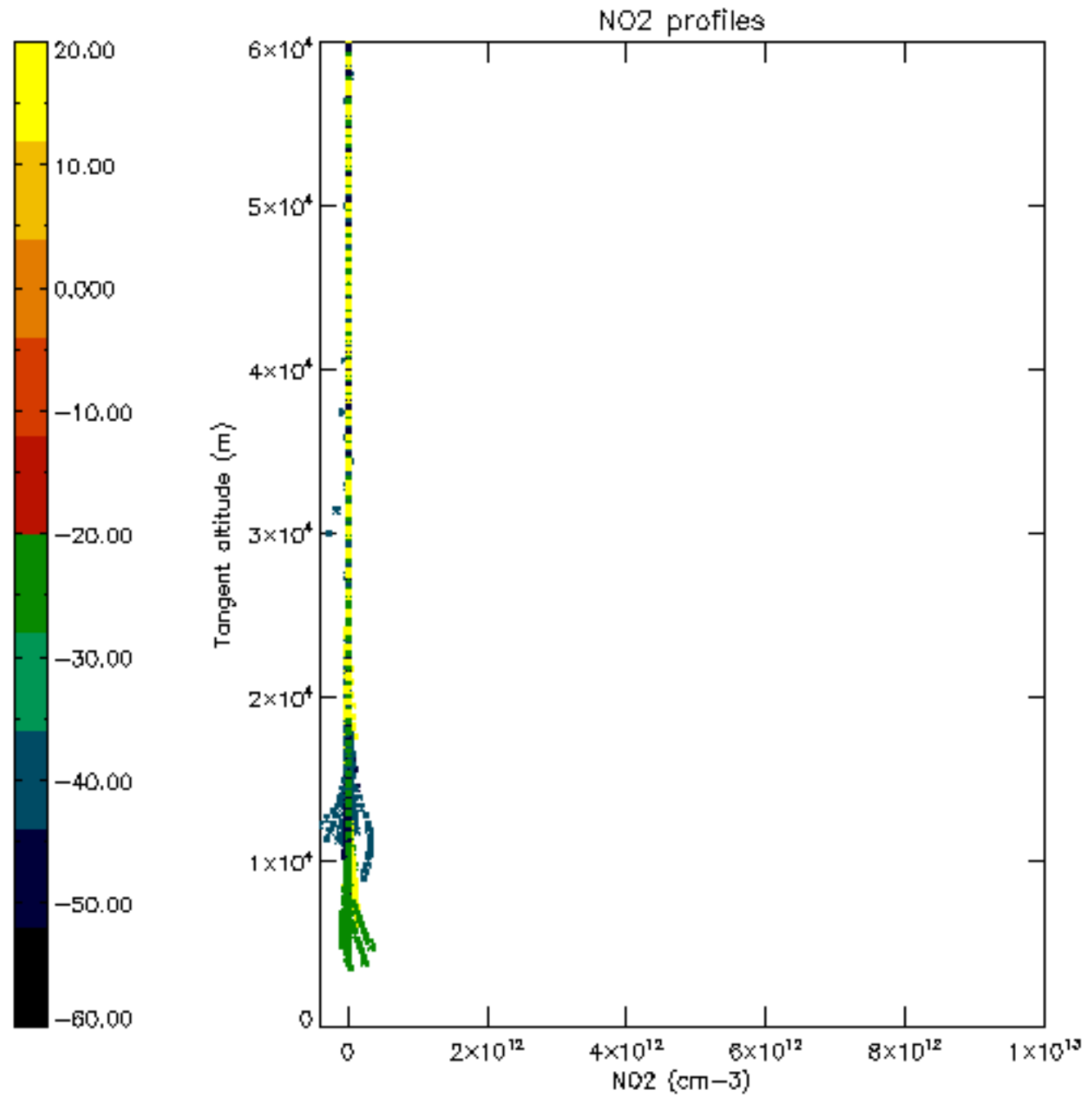


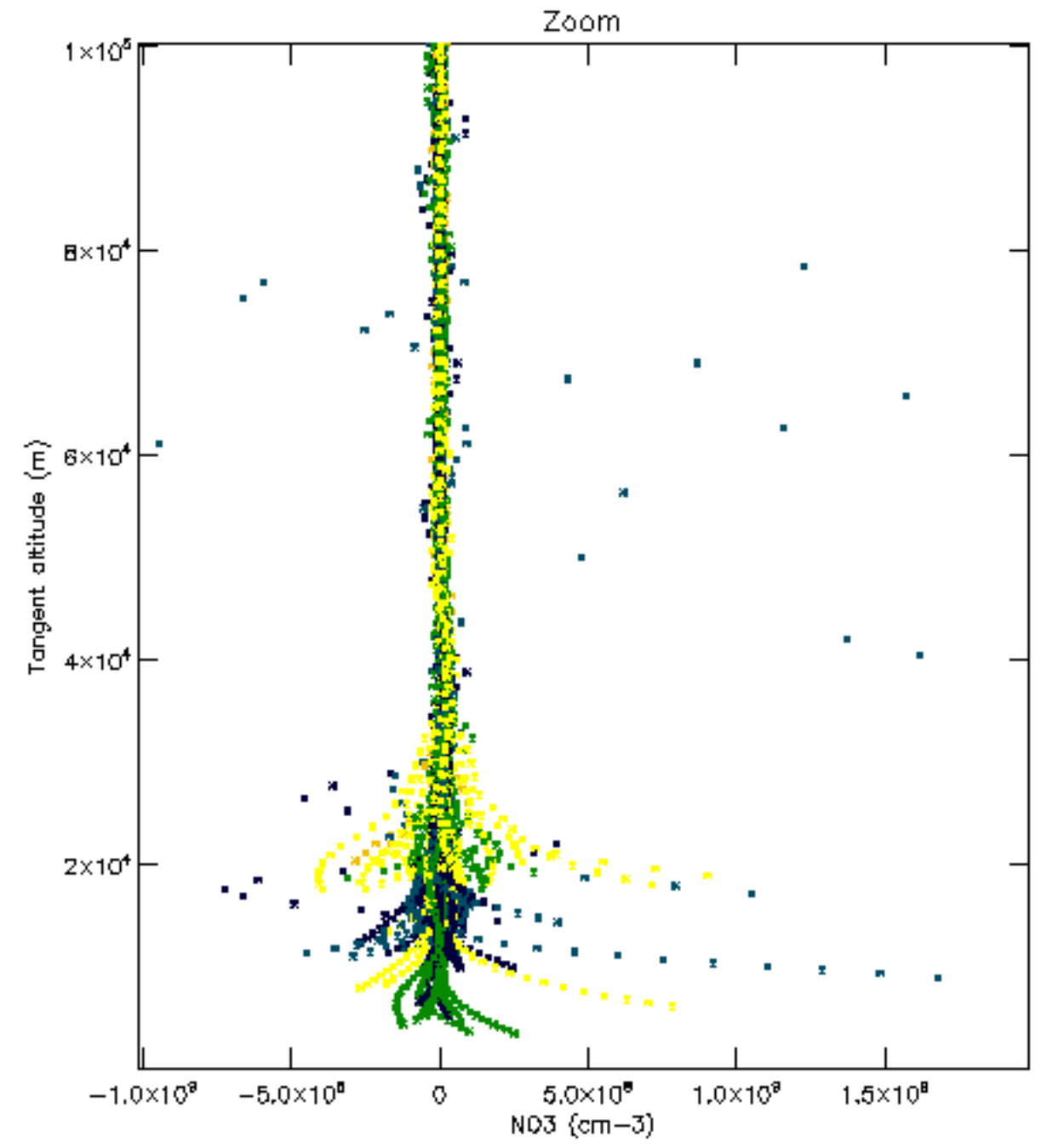
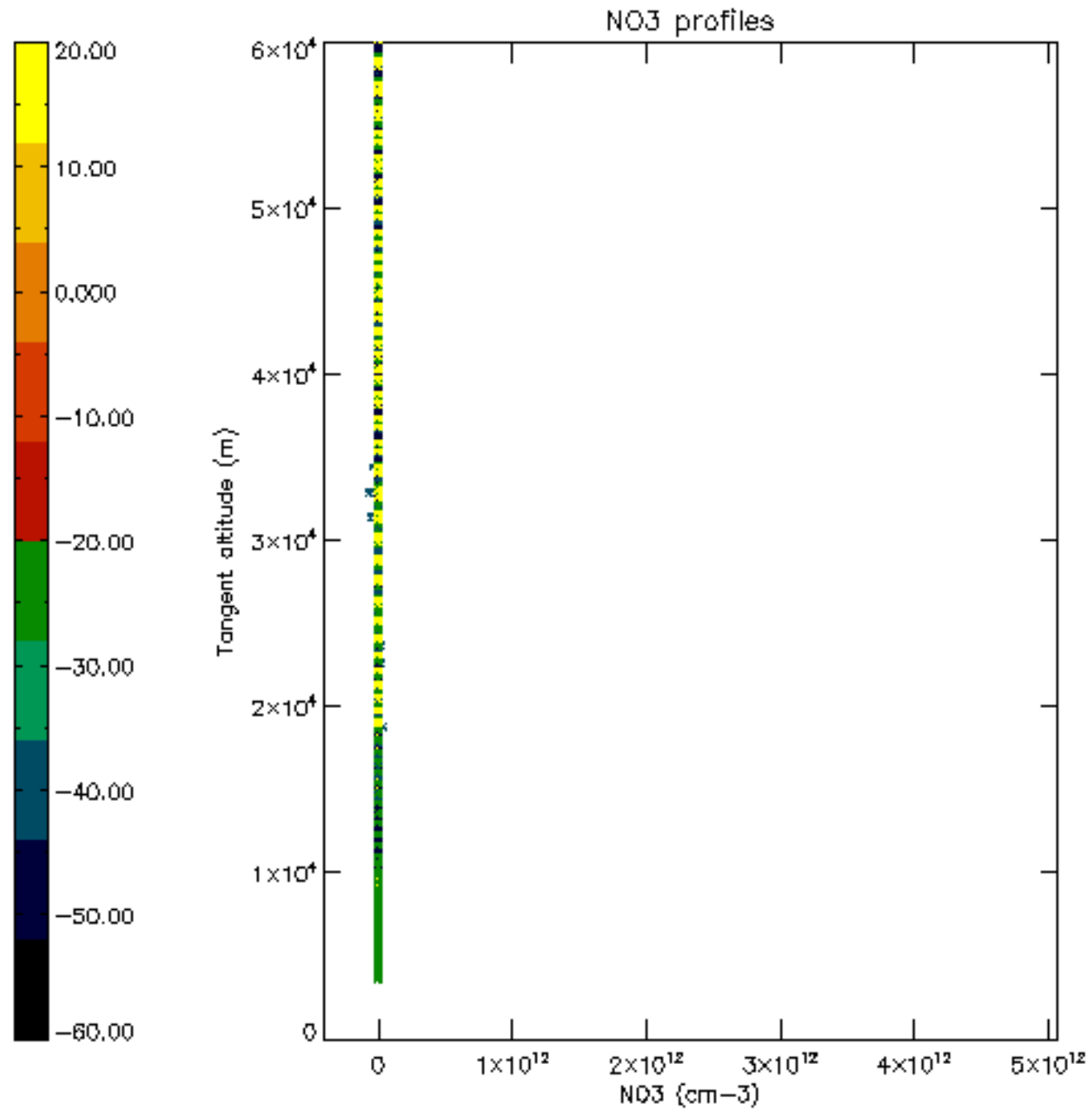


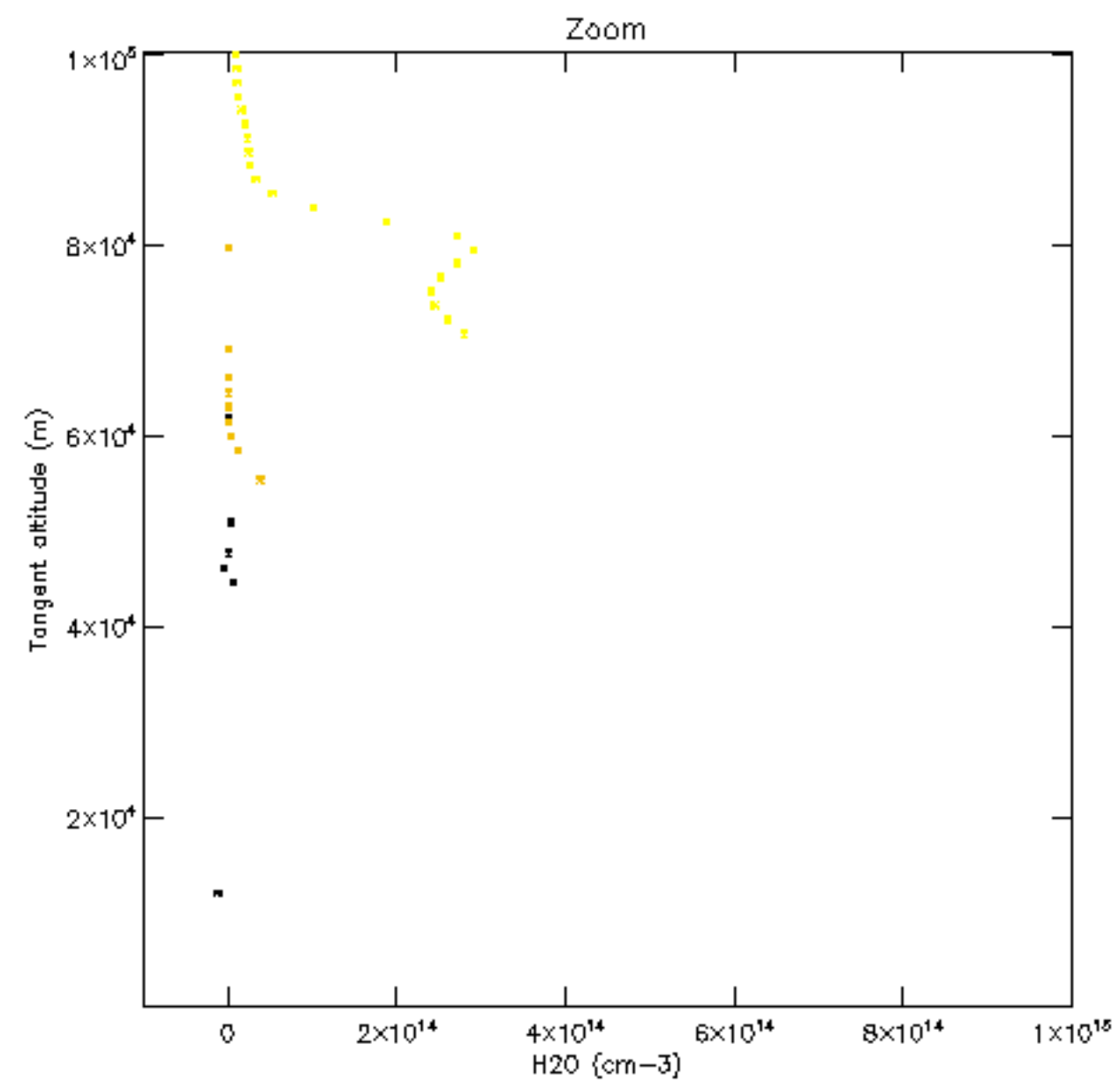
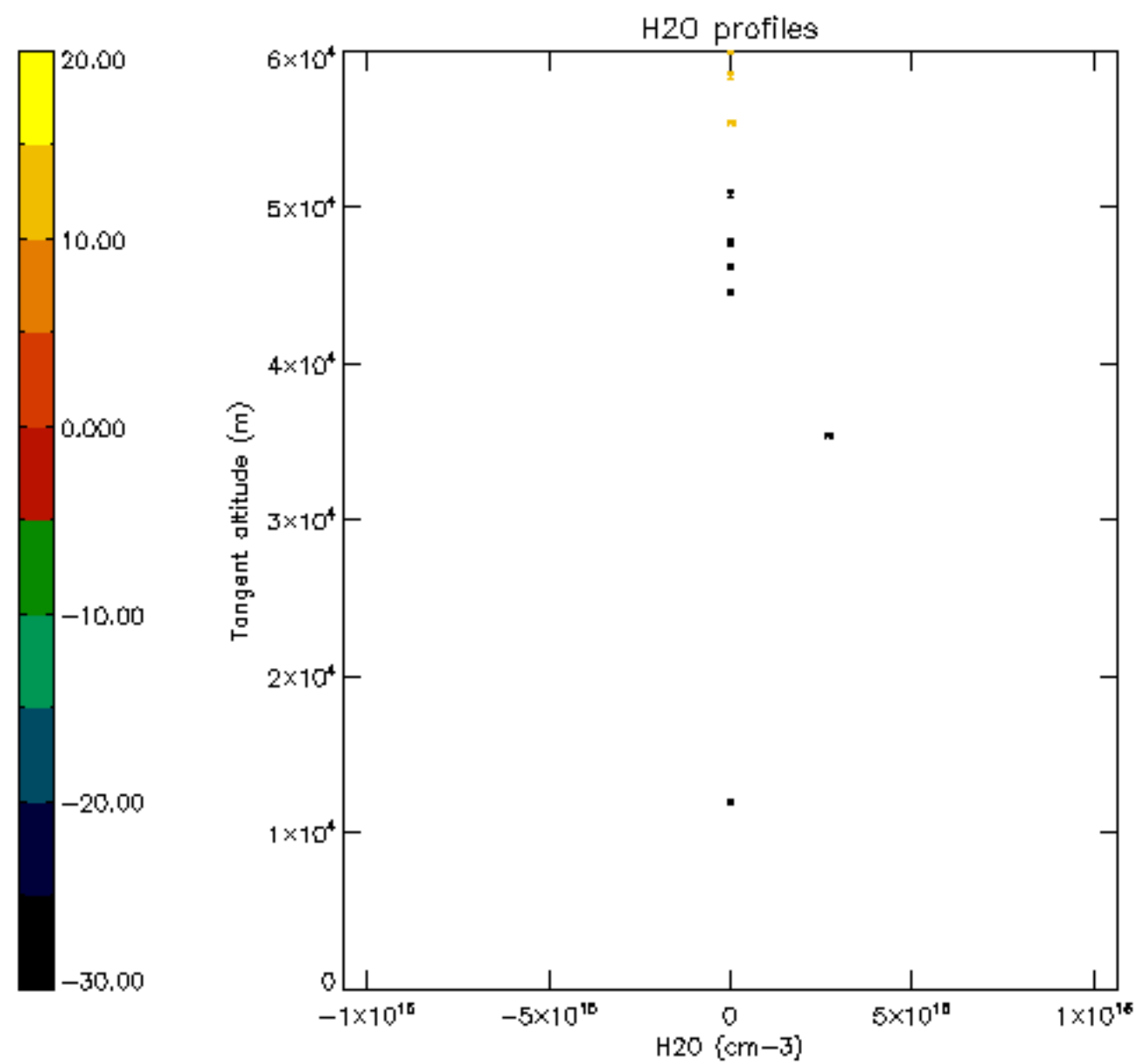




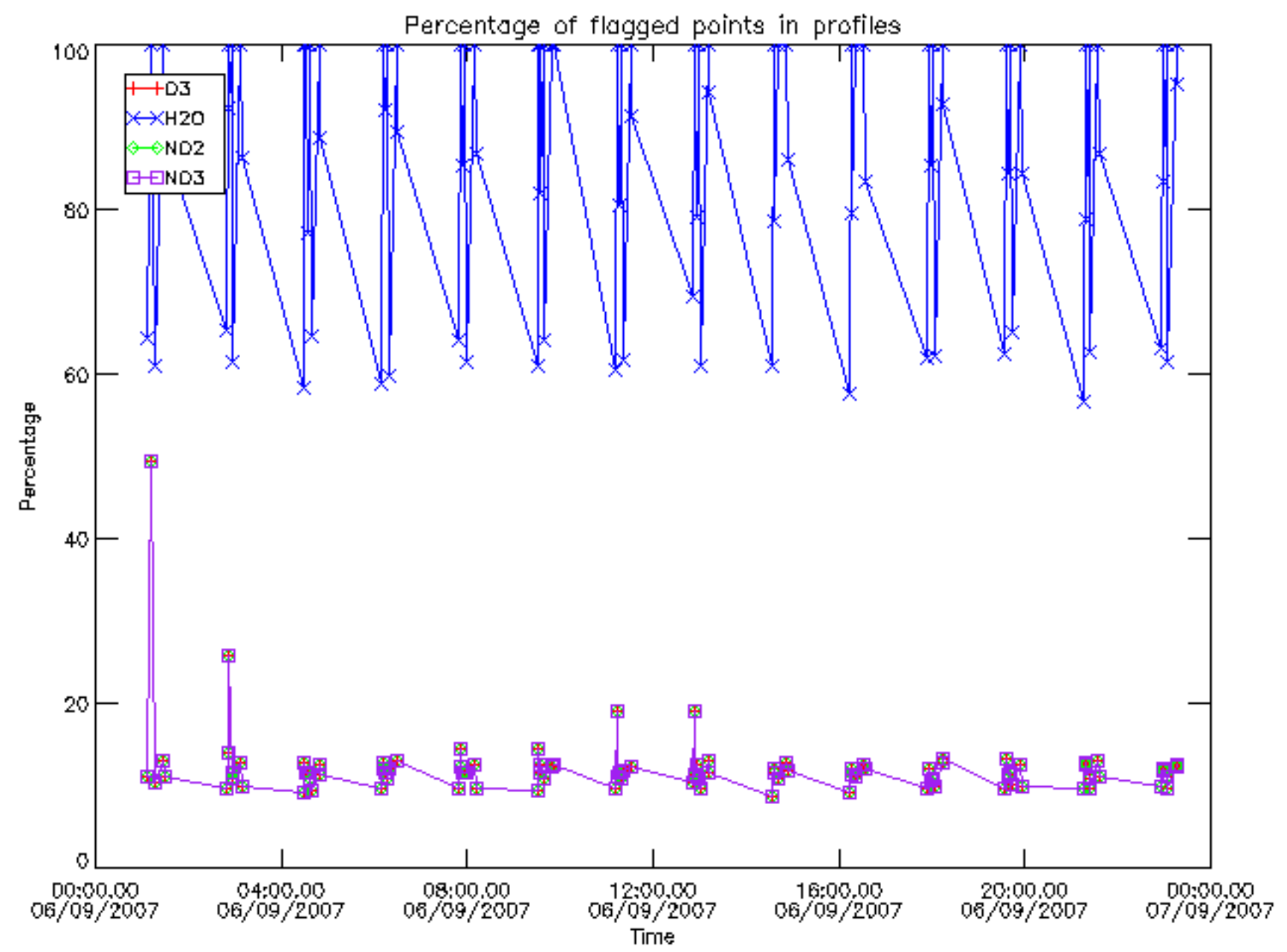




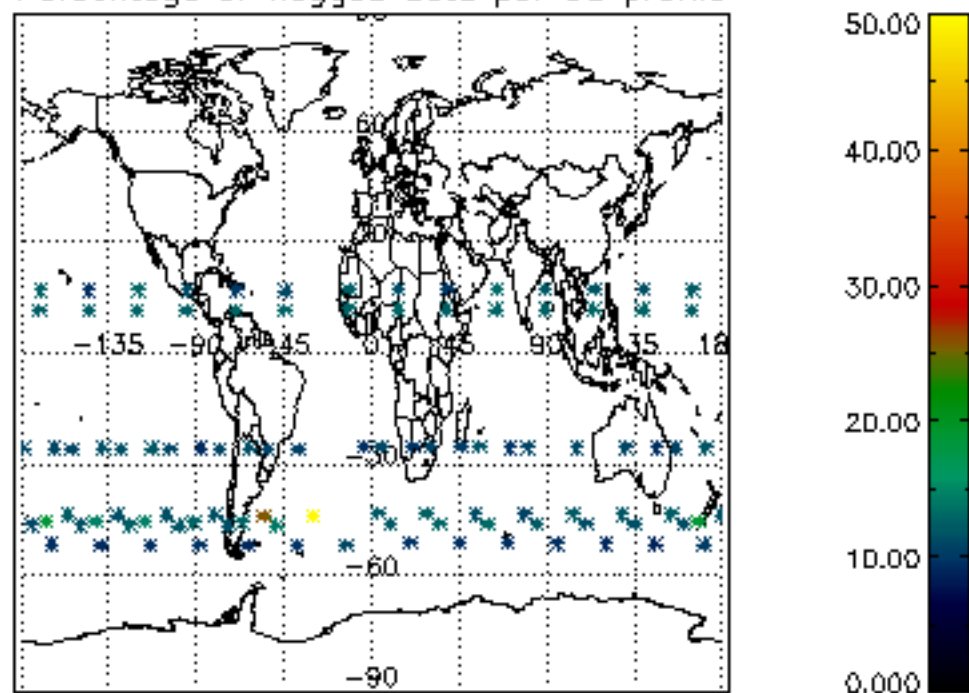




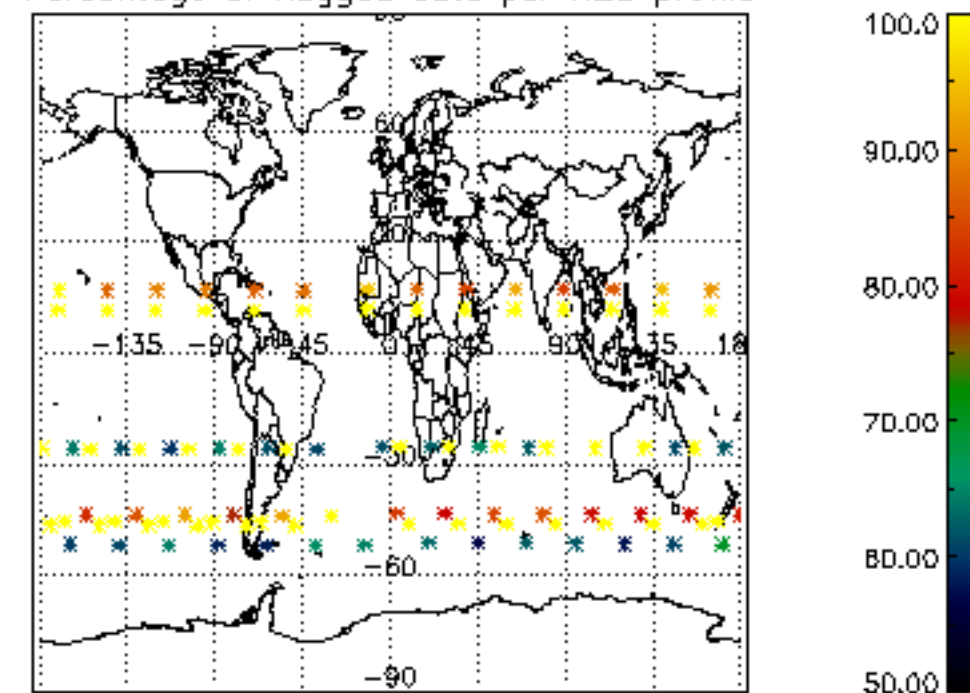




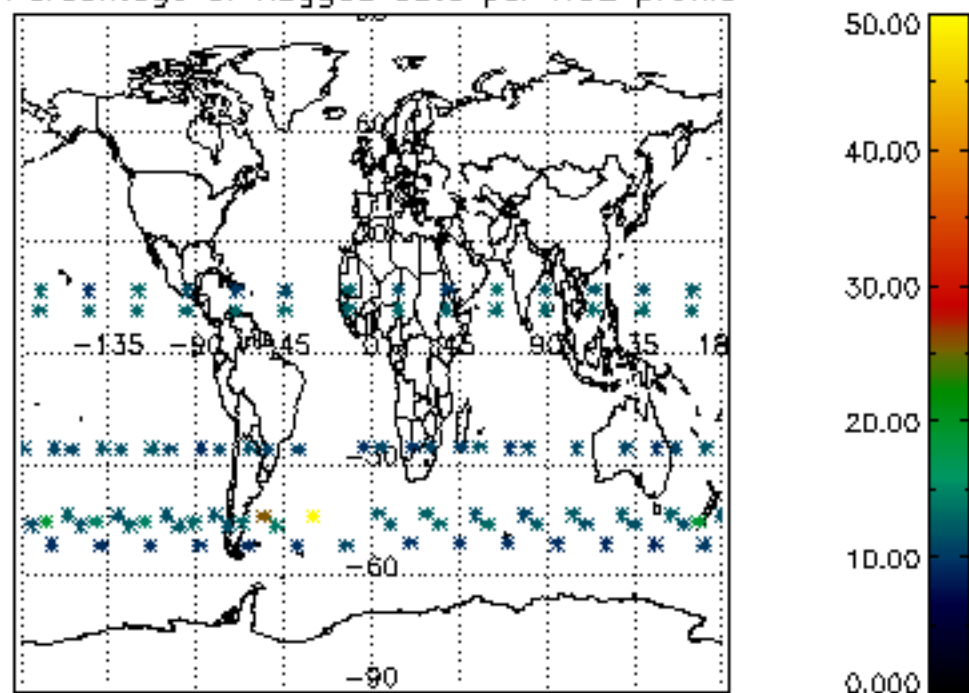
Percentage of flagged data per D3 profile



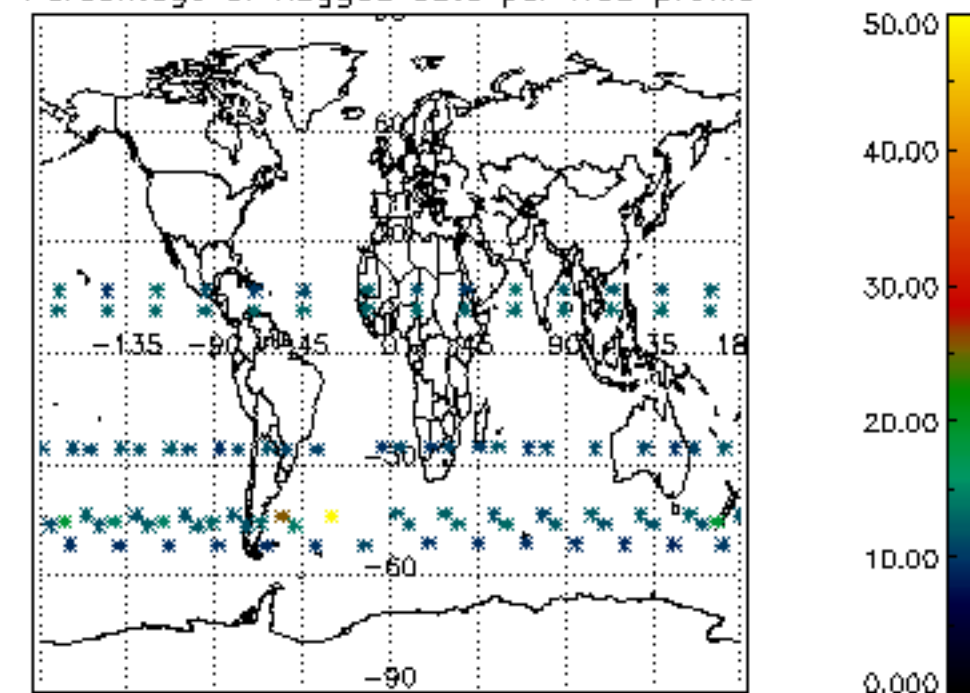
Percentage of flagged data per H2O profile

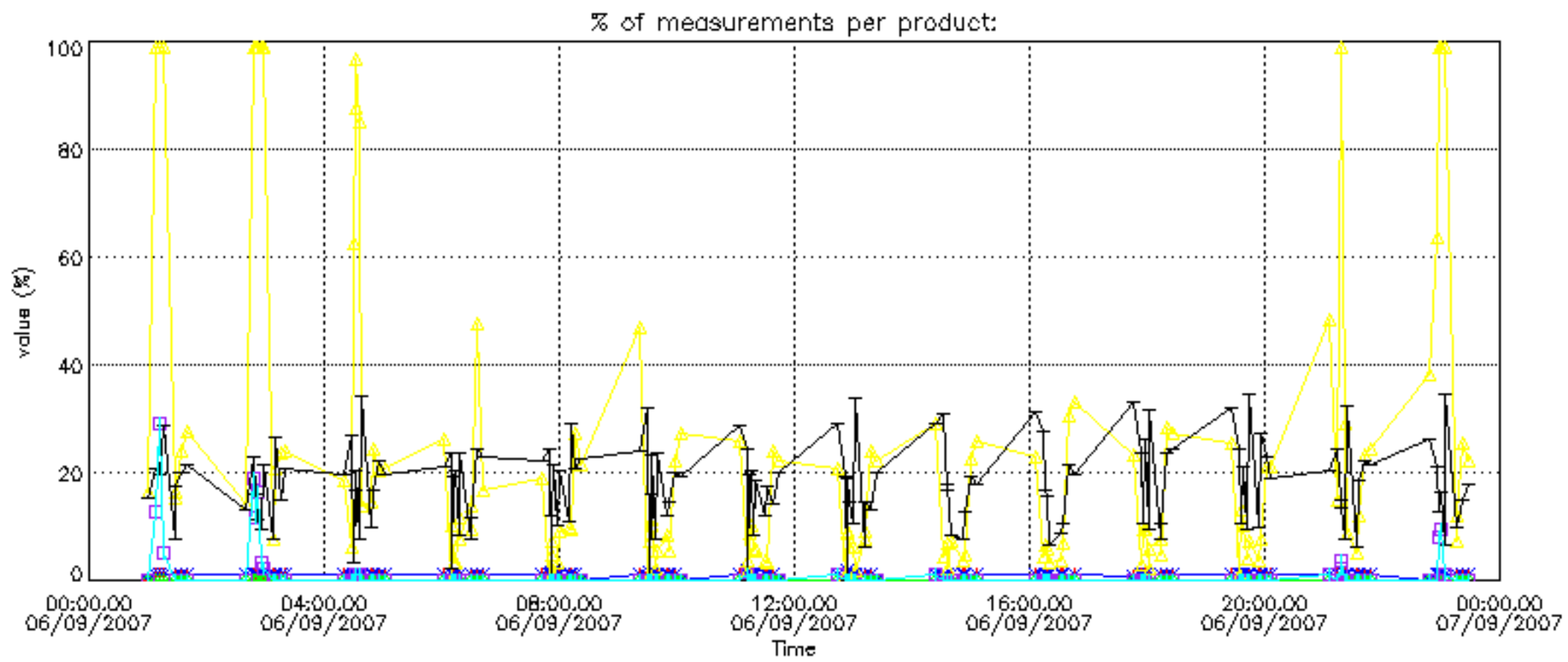


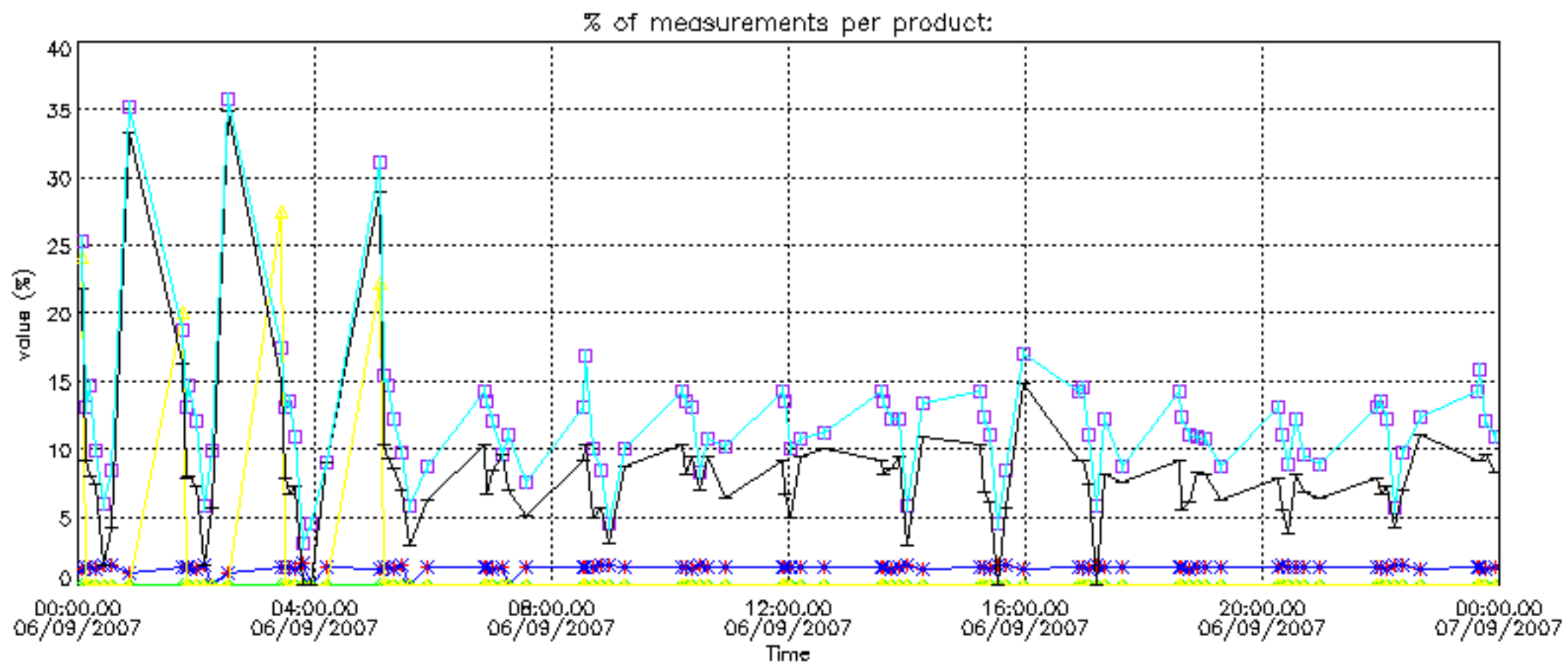
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

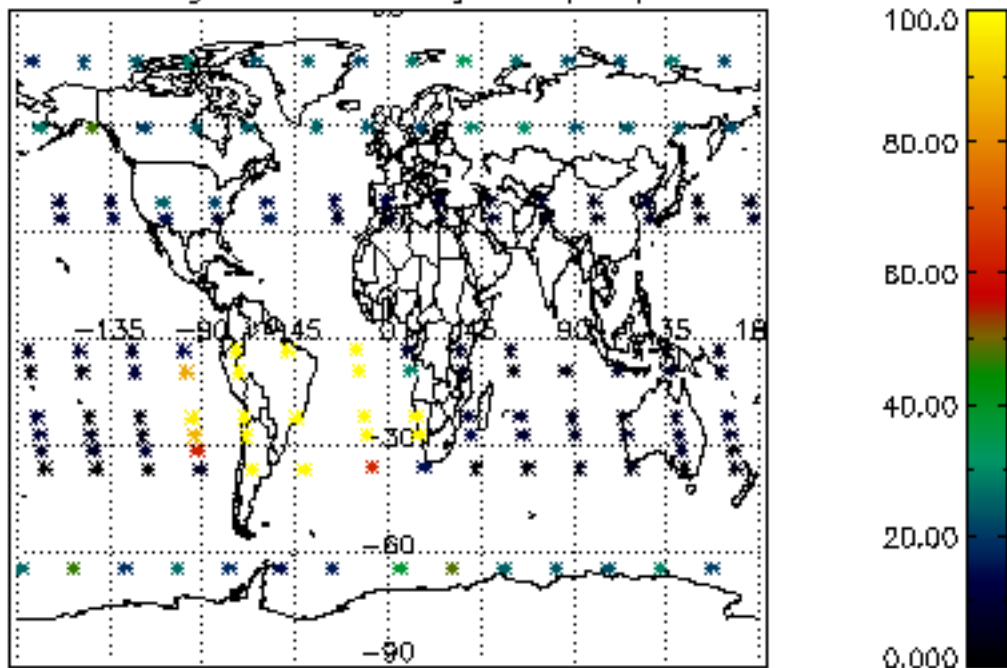




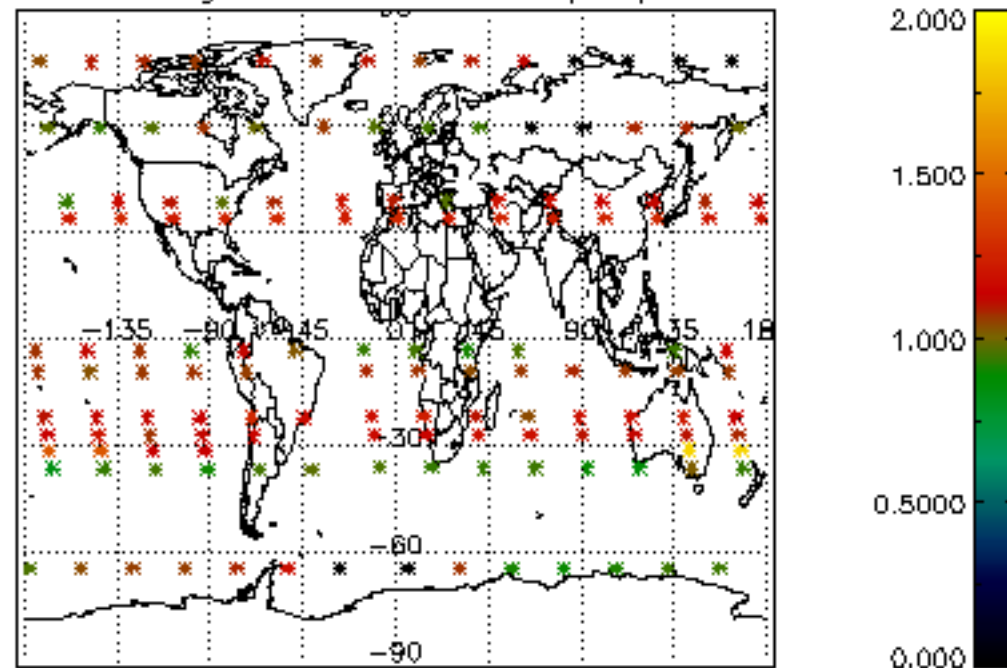




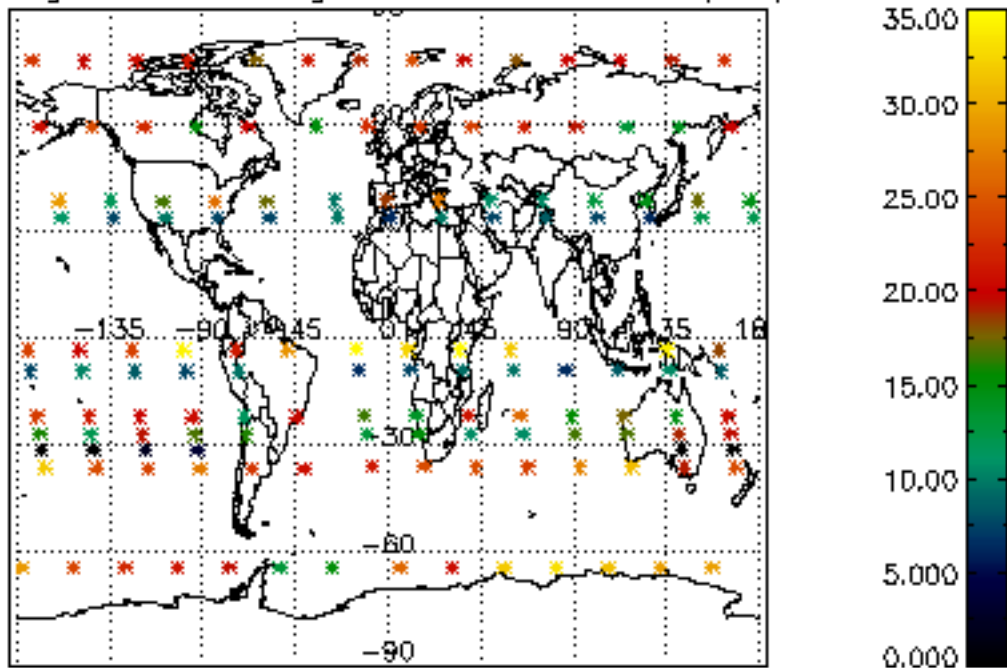
Percentage of cosmic ray hits per profile



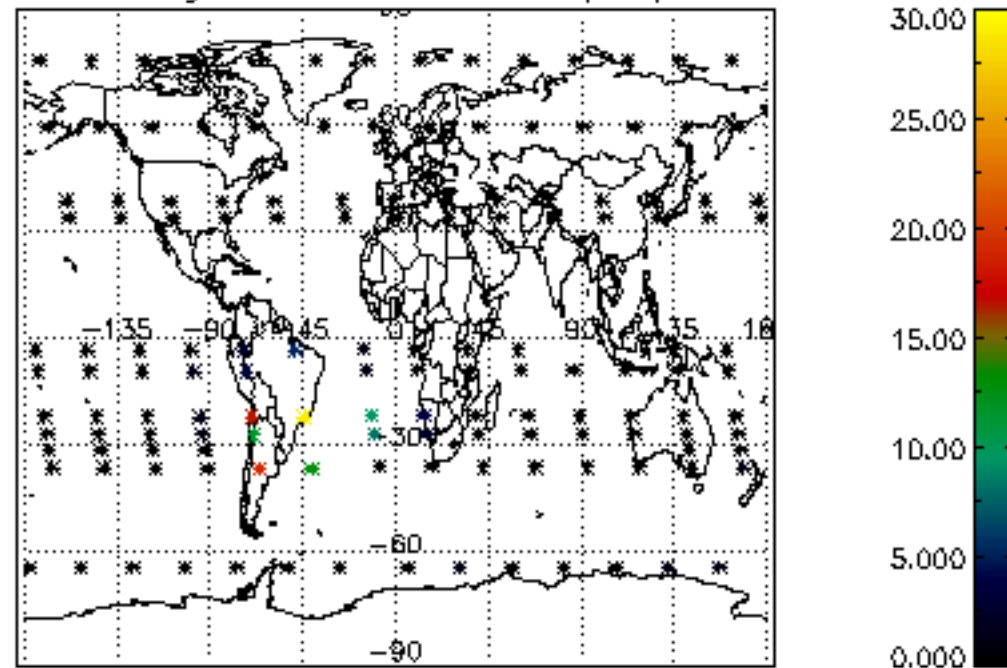
Percentage of datation errors per profile



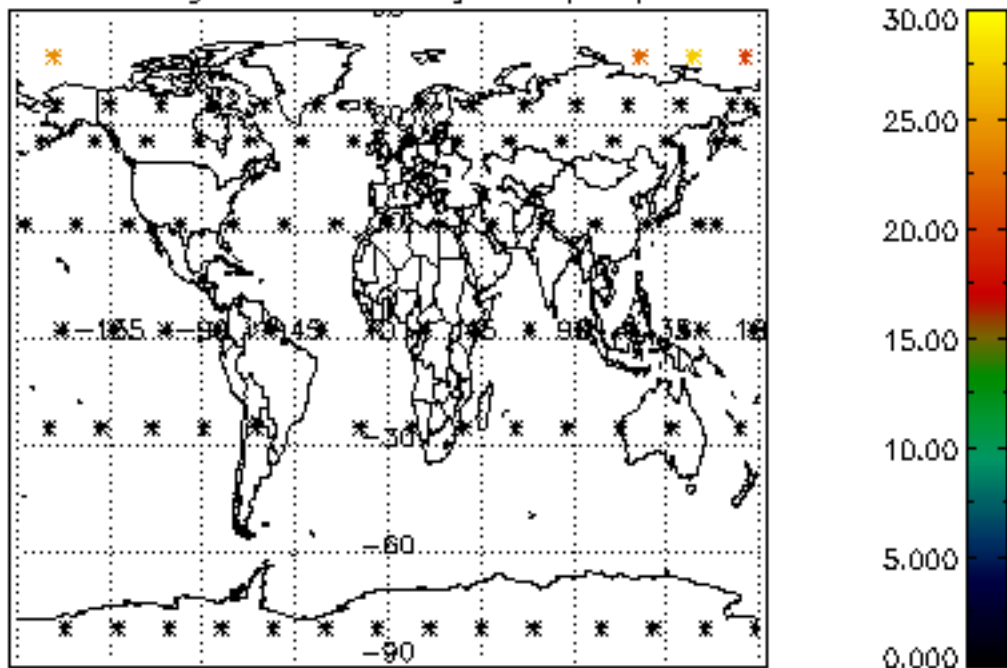
Percentage of star falling outside central band per profile



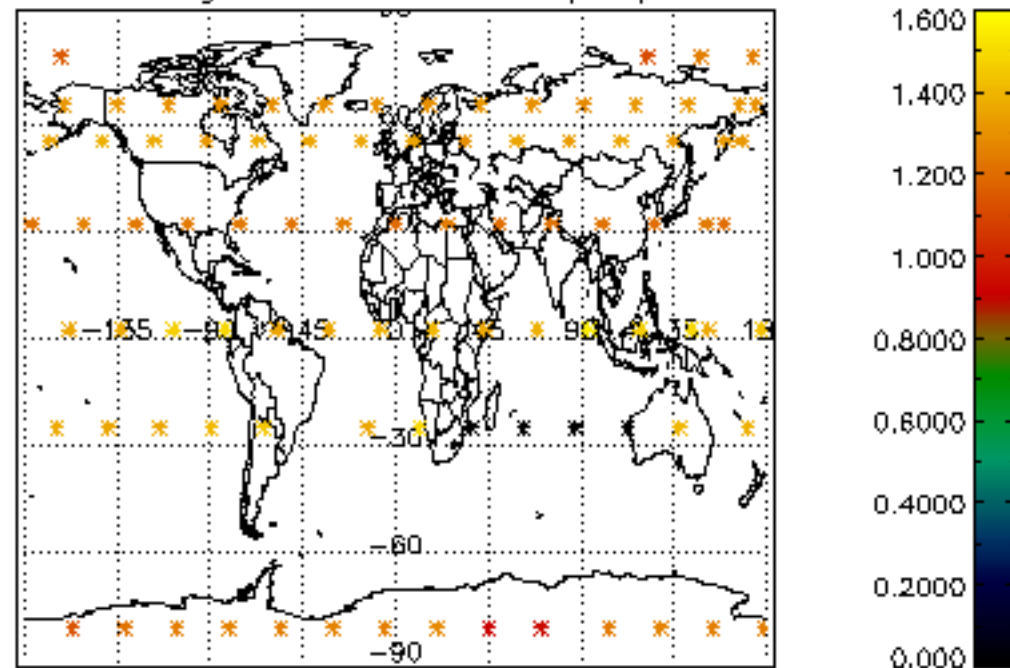
Percentage of saturation errors per profile



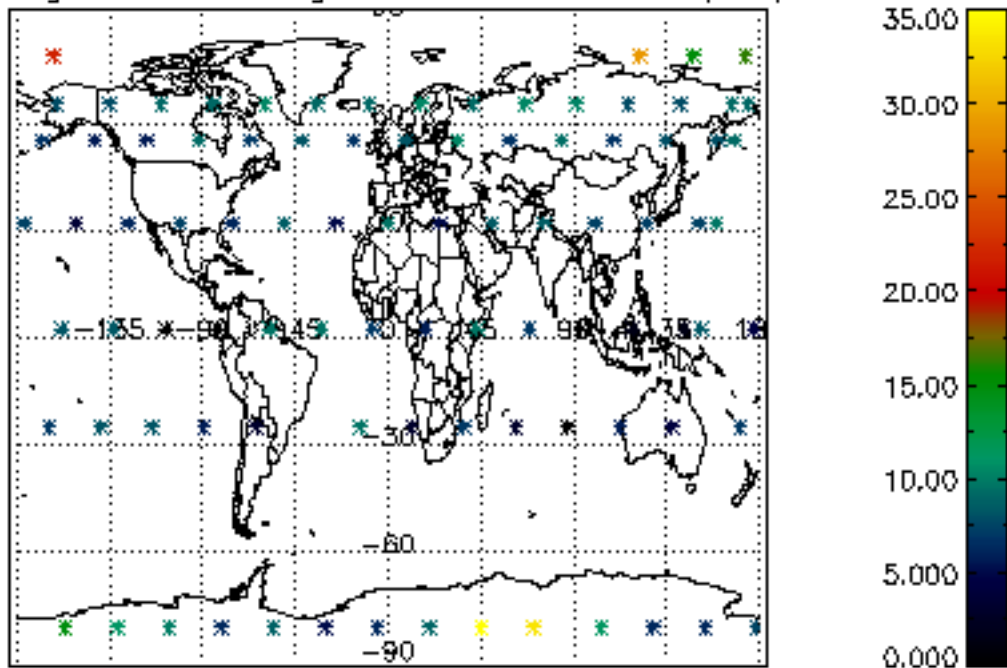
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

