

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	25APR2013 19:20:59
Data source version	GOMOS/6.01
Start time of products	28-08-2008 (28AUG2008 00:00:00)
Stop time of products	29-08-2008 (29AUG2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	215
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__2PRFIN20080828_000020_000000352071_00331_33952_9738.N1	28-AUG-2008 00:00:20	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	33952	No
2	GOM_NL__2PRFIN20080828_000143_000000352071_00331_33952_9739.N1	28-AUG-2008 00:01:43	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	33952	No
3	GOM_NL__2PRFIN20080828_000647_000000372071_00331_33952_9740.N1	28-AUG-2008 00:06:47	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	33952	No
4	GOM_NL__2PRFIN20080828_001421_000000342071_00331_33952_9741.N1	28-AUG-2008 00:14:21	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33952	No
5	GOM_NL__2PRFIN20080828_003110_000000402071_00331_33952_9742.N1	28-AUG-2008 00:31:10	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	33952	No
6	GOM_NL__2PRFIN20080828_003345_000000442071_00331_33952_9743.N1	28-AUG-2008 00:33:45	Bright	43.500	170	27Eps Gem	3.0000	9700.0	87	33952	No
7	GOM_NL__2PRFIN20080828_003638_000000462071_00331_33952_9744.N1	28-AUG-2008 00:36:38	Twilight	45.500	44	24Gam Gem	1.9280	11000.	91	33952	No
8	GOM_NL__2PRFIN20080828_003845_000000452071_00331_33952_9745.N1	28-AUG-2008 00:38:45	Twilight	44.500	8	10Alp CMi	0.40000	6500.0	89	33952	No
9	GOM_NL__2PRFIN20080828_004609_000000492071_00331_33952_9746.N1	28-AUG-2008 00:46:09	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	33952	No
10	GOM_NL__2PRFIN20080828_004731_000000382071_00331_33952_9747.N1	28-AUG-2008 00:47:31	Dark	37.500	179	24Omi2CMa	3.0320	24000.	75	33952	No
11	GOM_NL__2PRFIN20080828_004859_000000442071_00331_33952_9748.N1	28-AUG-2008 00:48:59	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	33952	No
12	GOM_NL__2PRFIN20080828_005041_000000432071_00331_33952_9749.N1	28-AUG-2008 00:50:41	Dark	42.500	117	Pi Pup	2.7060	3800.0	85	33952	No
13	GOM_NL__2PRFIN20080828_005547_000000442071_00331_33952_9750.N1	28-AUG-2008 00:55:47	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	33952	No
14	GOM_NL__2PRFIN20080828_010713_000000422071_00332_33953_9744.N1	28-AUG-2008 01:07:13	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33953	No
15	GOM_NL__2PRFIN20080828_011311_000000332071_00332_33953_9745.N1	28-AUG-2008 01:13:11	Straylight	33.000	84	Alp Phe	2.3970	4500.0	66	33953	No
16	GOM_NL__2PRFIN20080828_011532_000000402071_00332_33953_9746.N1	28-AUG-2008 01:15:32	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	33953	No
17	GOM_NL__2PRFIN20080828_011936_000000482071_00332_33953_9747.N1	28-AUG-2008 01:19:36	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	33953	No
18	GOM_NL__2PRFIN20080828_012434_000000542071_00332_33953_9748.N1	28-AUG-2008 01:24:34	Bright	54.000	142	49Del Cap	2.8500	8900.0	108	33953	No
19	GOM_NL__2PRFIN20080828_012745_000000382071_00332_33953_9749.N1	28-AUG-2008 01:27:45	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	33953	No
20	GOM_NL__2PRFIN20080828_012919_000000412071_00332_33953_9750.N1	28-AUG-2008 01:29:19	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	33953	No
21	GOM_NL__2PRFIN20080828_013220_000000402071_00332_33953_9751.N1	28-AUG-2008 01:32:20	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	33953	No
22	GOM_NL__2PRFIN20080828_013907_000000362071_00332_33953_9752.N1	28-AUG-2008 01:39:07	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	33953	No
23	GOM_NL__2PRFIN20080828_014056_000000342071_00332_33953_9753.N1	28-AUG-2008 01:40:56	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	33953	No
24	GOM_NL__2PRFIN20080828_014219_000000342071_00332_33953_9754.N1	28-AUG-2008 01:42:19	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	33953	No
25	GOM_NL__2PRFIN20080828_014723_000000372071_00332_33953_9755.N1	28-AUG-2008 01:47:23	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	33953	No
26	GOM_NL__2PRFIN20080828_015457_000000342071_00332_33953_9756.N1	28-AUG-2008 01:54:57	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33953	No
27	GOM_NL__2PRFIN20080828_093016_000000542071_00337_33958_9797.N1	28-AUG-2008 09:30:16	Dark	54.000	9	Alp Eri	0.45300	24000.	108	33958	No
28	GOM_NL__2PRFIN20080828_093614_000000432071_00337_33958_9798.N1	28-AUG-2008 09:36:14	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	33958	No
29	GOM_NL__2PRFIN20080828_093833_000000402071_00337_33958_9799.N1	28-AUG-2008 09:38:33	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	33958	No
30	GOM_NL__2PRFIN20080828_094237_000000502071_00337_33958_9800.N1	28-AUG-2008 09:42:37	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	33958	No
31	GOM_NL__2PRFIN20080828_094734_000000542071_00337_33958_9801.N1	28-AUG-2008 09:47:34	Bright	53.500	142	49Del Cap	2.8500	8900.0	107	33958	No
32	GOM_NL__2PRFIN20080828_095045_000000382071_00337_33958_9802.N1	28-AUG-2008 09:50:45	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	33958	No
33	GOM_NL__2PRFIN20080828_095218_000000412071_00337_33958_9803.N1	28-AUG-2008 09:52:18	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	33958	No
34	GOM_NL__2PRFIN20080828_095520_000000402071_00337_33958_9804.N1	28-AUG-2008 09:55:20	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	33958	No
35	GOM_NL__2PRFIN20080828_100207_000000362071_00337_33958_9805.N1	28-AUG-2008 10:02:07	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	33958	No
36	GOM_NL__2PRFIN20080828_100356_000000352071_00337_33958_9806.N1	28-AUG-2008 10:03:56	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	33958	No
37	GOM_NL__2PRFIN20080828_100518_000000382071_00337_33958_9807.N1	28-AUG-2008 10:05:18	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	33958	No
38	GOM_NL__2PRFIN20080828_101022_000000362071_00337_33958_9808.N1	28-AUG-2008 10:10:22	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	33958	No
39	GOM_NL__2PRFIN20080828_101756_000000362071_00337_33958_9809.N1	28-AUG-2008 10:17:56	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33958	No
40	GOM_NL__2PRFIN20080828_103447_000000372071_00337_33958_9810.N1	28-AUG-2008 10:34:47	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	33958	No
41	GOM_NL__2PRFIN20080828_103722_000000582071_00337_33958_9811.N1	28-AUG-2008 10:37:22	Bright	57.500	170	27Eps Gem	3.0000	9700.0	115	33958	No
42	GOM_NL__2PRFIN20080828_104016_000000442071_00337_33958_9812.N1	28-AUG-2008 10:40:16	Twilight	44.000	44	24Gam Gem	1.9280	11000.	88	33958	No

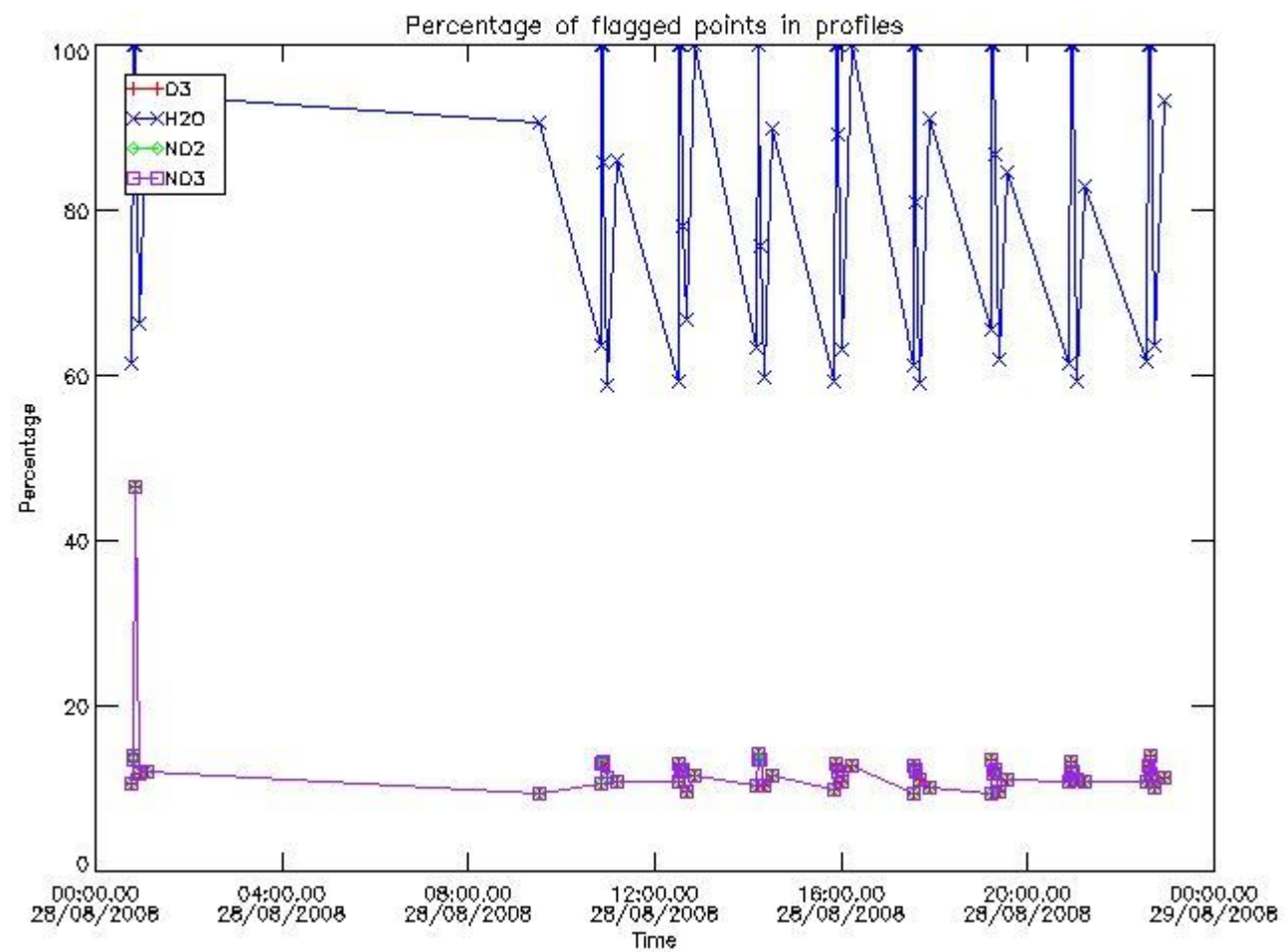
43	GOM_NL__2PRFIN20080828_104222_000000402071_00337_33958_9813.N1	28-AUG-2008 10:42:22	Twilight	40.000	8	10Alp CMI	0.40000	6500.0	80	33958	No
44	GOM_NL__2PRFIN20080828_104948_000000492071_00337_33958_9814.N1	28-AUG-2008 10:49:48	Dark	48.500	1	9Alp CMA	-1.4400	11000.	97	33958	No
45	GOM_NL__2PRFIN20080828_105110_000000402071_00337_33958_9815.N1	28-AUG-2008 10:51:10	Dark	39.500	179	24Omi2CMA	3.0320	24000.	79	33958	No
46	GOM_NL__2PRFIN20080828_105238_000000402071_00337_33958_9816.N1	28-AUG-2008 10:52:38	Dark	39.500	23	21Eps CMA	1.5020	26000.	79	33958	No
47	GOM_NL__2PRFIN20080828_105418_000000432071_00337_33958_9817.N1	28-AUG-2008 10:54:18	Dark	42.500	117	Pi Pup	2.7060	3800.0	85	33958	No
48	GOM_NL__2PRFIN20080828_105925_000000492071_00337_33958_9818.N1	28-AUG-2008 10:59:25	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	33958	No
49	GOM_NL__2PRFIN20080828_111052_000000472071_00338_33959_9818.N1	28-AUG-2008 11:10:52	Dark	47.000	9	Alp Eri	0.45300	24000.	94	33959	No
50	GOM_NL__2PRFIN20080828_111650_000000432071_00338_33959_9819.N1	28-AUG-2008 11:16:50	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	33959	No
51	GOM_NL__2PRFIN20080828_111909_000000402071_00338_33959_9820.N1	28-AUG-2008 11:19:09	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	33959	No
52	GOM_NL__2PRFIN20080828_112313_000000482071_00338_33959_9821.N1	28-AUG-2008 11:23:13	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	33959	No
53	GOM_NL__2PRFIN20080828_112810_000000402071_00338_33959_9822.N1	28-AUG-2008 11:28:10	Bright	40.000	142	49Del Cap	2.8500	8900.0	80	33959	No
54	GOM_NL__2PRFIN20080828_113121_000000392071_00338_33959_9823.N1	28-AUG-2008 11:31:21	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33959	No
55	GOM_NL__2PRFIN20080828_113254_000000402071_00338_33959_9824.N1	28-AUG-2008 11:32:54	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	33959	No
56	GOM_NL__2PRFIN20080828_113555_000000382071_00338_33959_9825.N1	28-AUG-2008 11:35:55	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	33959	No
57	GOM_NL__2PRFIN20080828_114243_000000342071_00338_33959_9826.N1	28-AUG-2008 11:42:43	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	33959	No
58	GOM_NL__2PRFIN20080828_114432_000000362071_00338_33959_9827.N1	28-AUG-2008 11:44:32	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	33959	No
59	GOM_NL__2PRFIN20080828_114554_000000372071_00338_33959_9828.N1	28-AUG-2008 11:45:54	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	33959	No
60	GOM_NL__2PRFIN20080828_115058_000000372071_00338_33959_9829.N1	28-AUG-2008 11:50:58	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	33959	No
61	GOM_NL__2PRFIN20080828_115832_000000362071_00338_33959_9830.N1	28-AUG-2008 11:58:32	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33959	No
62	GOM_NL__2PRFIN20080828_121522_000000372071_00338_33959_9831.N1	28-AUG-2008 12:15:22	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	33959	No
63	GOM_NL__2PRFIN20080828_121758_000000472071_00338_33959_9832.N1	28-AUG-2008 12:17:58	Bright	46.500	170	27Eps Gem	3.0000	9700.0	93	33959	No
64	GOM_NL__2PRFIN20080828_122052_000000502071_00338_33959_9833.N1	28-AUG-2008 12:20:52	Twilight	49.500	44	24Gam Gem	1.9280	11000.	99	33959	No
65	GOM_NL__2PRFIN20080828_122258_000000482071_00338_33959_9834.N1	28-AUG-2008 12:22:58	Twilight	47.500	8	10Alp CMI	0.40000	6500.0	95	33959	No
66	GOM_NL__2PRFIN20080828_123024_000000472071_00338_33959_9835.N1	28-AUG-2008 12:30:24	Dark	47.000	1	9Alp CMA	-1.4400	11000.	94	33959	No
67	GOM_NL__2PRFIN20080828_123146_000000402071_00338_33959_9836.N1	28-AUG-2008 12:31:46	Dark	39.500	179	24Omi2CMA	3.0320	24000.	79	33959	No
68	GOM_NL__2PRFIN20080828_123314_000000432071_00338_33959_9837.N1	28-AUG-2008 12:33:14	Dark	42.500	23	21Eps CMA	1.5020	26000.	85	33959	No
69	GOM_NL__2PRFIN20080828_123454_000000422071_00338_33959_9838.N1	28-AUG-2008 12:34:54	Dark	41.500	117	Pi Pup	2.7060	3800.0	83	33959	No
70	GOM_NL__2PRFIN20080828_124001_000000532071_00338_33959_9839.N1	28-AUG-2008 12:40:01	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33959	No
71	GOM_NL__2PRFIN20080828_125129_000000452071_00339_33960_9831.N1	28-AUG-2008 12:51:29	Dark	44.500	9	Alp Eri	0.45300	24000.	89	33960	No
72	GOM_NL__2PRFIN20080828_125726_000000462071_00339_33960_9832.N1	28-AUG-2008 12:57:26	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	33960	No
73	GOM_NL__2PRFIN20080828_125945_000000402071_00339_33960_9833.N1	28-AUG-2008 12:59:45	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	33960	No
74	GOM_NL__2PRFIN20080828_130349_000000472071_00339_33960_9834.N1	28-AUG-2008 13:03:49	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	33960	No
75	GOM_NL__2PRFIN20080828_130846_000000452071_00339_33960_9835.N1	28-AUG-2008 13:08:46	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	33960	No
76	GOM_NL__2PRFIN20080828_131156_000000392071_00339_33960_9836.N1	28-AUG-2008 13:11:56	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33960	No
77	GOM_NL__2PRFIN20080828_131330_000000402071_00339_33960_9837.N1	28-AUG-2008 13:13:30	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	33960	No
78	GOM_NL__2PRFIN20080828_131631_000000382071_00339_33960_9838.N1	28-AUG-2008 13:16:31	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	33960	No
79	GOM_NL__2PRFIN20080828_132319_000000372071_00339_33960_9839.N1	28-AUG-2008 13:23:19	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	33960	No
80	GOM_NL__2PRFIN20080828_132508_000000372071_00339_33960_9840.N1	28-AUG-2008 13:25:08	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	33960	No
81	GOM_NL__2PRFIN20080828_132630_000000382071_00339_33960_9841.N1	28-AUG-2008 13:26:30	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	33960	No
82	GOM_NL__2PRFIN20080828_133908_000000342071_00339_33960_9842.N1	28-AUG-2008 13:39:08	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33960	No
83	GOM_NL__2PRFIN20080828_135559_000000362071_00339_33960_9843.N1	28-AUG-2008 13:55:59	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	33960	No
84	GOM_NL__2PRFIN20080828_135834_000000482071_00339_33960_9844.N1	28-AUG-2008 13:58:34	Bright	48.000	170	27Eps Gem	3.0000	9700.0	96	33960	No
85	GOM_NL__2PRFIN20080828_140128_000000452071_00339_33960_9845.N1	28-AUG-2008 14:01:28	Twilight	44.500	44	24Gam Gem	1.9280	11000.	89	33960	No
86	GOM_NL__2PRFIN20080828_140334_000000422071_00339_33960_9846.N1	28-AUG-2008 14:03:34	Twilight	42.000	8	10Alp CMI	0.40000	6500.0	84	33960	No
87	GOM_NL__2PRFIN20080828_141100_000000502071_00339_33960_9847.N1	28-AUG-2008 14:11:00	Dark	49.500	1	9Alp CMA	-1.4400	11000.	99	33960	No
88	GOM_NL__2PRFIN20080828_141222_000000402071_00339_33960_9848.N1	28-AUG-2008 14:12:22	Dark	39.500	179	24Omi2CMA	3.0320	24000.	79	33960	No
89	GOM_NL__2PRFIN20080828_141350_000000382071_00339_33960_9849.N1	28-AUG-2008 14:13:50	Dark	38.000	23	21Eps CMA	1.5020	26000.	76	33960	No
90	GOM_NL__2PRFIN20080828_141531_000000382071_00339_33960_9850.N1	28-AUG-2008 14:15:31	Dark	37.500	117	Pi Pup	2.7060	3800.0	75	33960	No
91	GOM_NL__2PRFIN20080828_142038_000000492071_00339_33960_9851.N1	28-AUG-2008 14:20:38	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	33960	No
92	GOM_NL__2PRFIN20080828_143205_000000452071_00340_33961_9855.N1	28-AUG-2008 14:32:05	Dark	44.500	9	Alp Eri	0.45300	24000.	89	33961	No
93	GOM_NL__2PRFIN20080828_143803_000000462071_00340_33961_9856.N1	28-AUG-2008 14:38:03	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	33961	No
94	GOM_NL__2PRFIN20080828_144022_000000382071_00340_33961_9857.N1	28-AUG-2008 14:40:22	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	33961	No
95	GOM_NL__2PRFIN20080828_144425_000000462071_00340_33961_9858.N1	28-AUG-2008 14:44:25	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	33961	No
96	GOM_NL__2PRFIN20080828_144922_000000432071_00340_33961_9859.N1	28-AUG-2008 14:49:22	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	33961	No
97	GOM_NL__2PRFIN20080828_145233_000000382071_00340_33961_9860.N1	28-AUG-2008 14:52:33	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	33961	No
98	GOM_NL__2PRFIN20080828_145406_000000412071_00340_33961_9861.N1	28-AUG-2008 14:54:06	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	33961	No
99	GOM_NL__2PRFIN20080828_145707_000000402071_00340_33961_9862.N1	28-AUG-2008 14:57:07	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	33961	No
100	GOM_NL__2PRFIN20080828_150355_000000372071_00340_33961_9863.N1	28-AUG-2008 15:03:55	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	33961	No
101	GOM_NL__2PRFIN20080828_150544_000000362071_00340_33961_9864.N1	28-AUG-2008 15:05:44	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	33961	No

102	GOM_NL__2PRFIN20080828_150706_000000522071_00340_33961_9865.N1	28-AUG-2008 15:07:06	Bright	52.000	19	50Alp Cyg	1.2460	10500.	104	33961	No
103	GOM_NL__2PRFIN20080828_151209_000000372071_00340_33961_9866.N1	28-AUG-2008 15:12:09	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	33961	No
104	GOM_NL__2PRFIN20080828_151944_000000362071_00340_33961_9867.N1	28-AUG-2008 15:19:44	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33961	No
105	GOM_NL__2PRFIN20080828_153635_000000382071_00340_33961_9868.N1	28-AUG-2008 15:36:35	Bright	37.500	24	66Alp Gem	1.5800	10200.	75	33961	No
106	GOM_NL__2PRFIN20080828_153910_000000602071_00340_33961_9869.N1	28-AUG-2008 15:39:10	Bright	60.000	170	27Eps Gem	3.0000	9700.0	120	33961	No
107	GOM_NL__2PRFIN20080828_154204_000000492071_00340_33961_9870.N1	28-AUG-2008 15:42:04	Twilight	48.500	44	24Gam Gem	1.9280	11000.	97	33961	No
108	GOM_NL__2PRFIN20080828_154410_000000492071_00340_33961_9871.N1	28-AUG-2008 15:44:10	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	33961	No
109	GOM_NL__2PRFIN20080828_155137_000000522071_00340_33961_9872.N1	28-AUG-2008 15:51:37	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	33961	No
110	GOM_NL__2PRFIN20080828_155259_000000402071_00340_33961_9873.N1	28-AUG-2008 15:52:59	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	33961	No
111	GOM_NL__2PRFIN20080828_155427_000000422071_00340_33961_9874.N1	28-AUG-2008 15:54:27	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	33961	No
112	GOM_NL__2PRFIN20080828_155607_000000422071_00340_33961_9875.N1	28-AUG-2008 15:56:07	Dark	42.000	117	Pi Pup	2.7060	3800.0	84	33961	No
113	GOM_NL__2PRFIN20080828_160114_000000522071_00340_33961_9876.N1	28-AUG-2008 16:01:14	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	33961	No
114	GOM_NL__2PRFIN20080828_161242_000000442071_00341_33962_9867.N1	28-AUG-2008 16:12:42	Dark	44.000	9	Alp Eri	0.45300	24000.	88	33962	No
115	GOM_NL__2PRFIN20080828_161840_000000462071_00341_33962_9868.N1	28-AUG-2008 16:18:40	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	33962	No
116	GOM_NL__2PRFIN20080828_162058_000000432071_00341_33962_9869.N1	28-AUG-2008 16:20:58	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	33962	No
117	GOM_NL__2PRFIN20080828_162502_000000482071_00341_33962_9870.N1	28-AUG-2008 16:25:02	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	33962	No
118	GOM_NL__2PRFIN20080828_162958_000000422071_00341_33962_9871.N1	28-AUG-2008 16:29:58	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	33962	No
119	GOM_NL__2PRFIN20080828_163308_000000392071_00341_33962_9872.N1	28-AUG-2008 16:33:08	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33962	No
120	GOM_NL__2PRFIN20080828_163442_000000412071_00341_33962_9873.N1	28-AUG-2008 16:34:42	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	33962	No
121	GOM_NL__2PRFIN20080828_163743_000000402071_00341_33962_9874.N1	28-AUG-2008 16:37:43	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	33962	No
122	GOM_NL__2PRFIN20080828_164431_000000372071_00341_33962_9875.N1	28-AUG-2008 16:44:31	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	33962	No
123	GOM_NL__2PRFIN20080828_164620_000000372071_00341_33962_9876.N1	28-AUG-2008 16:46:20	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	33962	No
124	GOM_NL__2PRFIN20080828_164742_000000372071_00341_33962_9877.N1	28-AUG-2008 16:47:42	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	33962	No
125	GOM_NL__2PRFIN20080828_165245_000000362071_00341_33962_9878.N1	28-AUG-2008 16:52:45	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	33962	No
126	GOM_NL__2PRFIN20080828_170020_000000352071_00341_33962_9879.N1	28-AUG-2008 17:00:20	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	33962	No
127	GOM_NL__2PRFIN20080828_171711_000000352071_00341_33962_9880.N1	28-AUG-2008 17:17:11	Bright	34.500	24	66Alp Gem	1.5800	10200.	69	33962	No
128	GOM_NL__2PRFIN20080828_171946_000000492071_00341_33962_9881.N1	28-AUG-2008 17:19:46	Bright	48.500	170	27Eps Gem	3.0000	9700.0	97	33962	No
129	GOM_NL__2PRFIN20080828_172241_000000492071_00341_33962_9882.N1	28-AUG-2008 17:22:41	Twilight	48.500	44	24Gam Gem	1.9280	11000.	97	33962	No
130	GOM_NL__2PRFIN20080828_172447_000000462071_00341_33962_9883.N1	28-AUG-2008 17:24:47	Twilight	45.500	8	10Alp CMi	0.40000	6500.0	91	33962	No
131	GOM_NL__2PRFIN20080828_173214_000000552071_00341_33962_9884.N1	28-AUG-2008 17:32:14	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	33962	No
132	GOM_NL__2PRFIN20080828_173335_000000402071_00341_33962_9885.N1	28-AUG-2008 17:33:35	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	33962	No
133	GOM_NL__2PRFIN20080828_173503_000000422071_00341_33962_9886.N1	28-AUG-2008 17:35:03	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	33962	No
134	GOM_NL__2PRFIN20080828_173643_000000432071_00341_33962_9887.N1	28-AUG-2008 17:36:43	Dark	42.500	117	Pi Pup	2.7060	3800.0	85	33962	No
135	GOM_NL__2PRFIN20080828_174151_000000512071_00341_33962_9888.N1	28-AUG-2008 17:41:51	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	33962	No
136	GOM_NL__2PRFIN20080828_175318_000000512071_00342_33963_9874.N1	28-AUG-2008 17:53:18	Dark	50.500	9	Alp Eri	0.45300	24000.	101	33963	No
137	GOM_NL__2PRFIN20080828_175916_000000492071_00342_33963_9875.N1	28-AUG-2008 17:59:16	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	33963	No
138	GOM_NL__2PRFIN20080828_180134_000000392071_00342_33963_9876.N1	28-AUG-2008 18:01:34	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	33963	No
139	GOM_NL__2PRFIN20080828_180538_000000512071_00342_33963_9877.N1	28-AUG-2008 18:05:38	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	33963	No
140	GOM_NL__2PRFIN20080828_181034_000000412071_00342_33963_9878.N1	28-AUG-2008 18:10:34	Bright	40.500	142	49Del Cap	2.8500	8900.0	81	33963	No
141	GOM_NL__2PRFIN20080828_181345_000000392071_00342_33963_9879.N1	28-AUG-2008 18:13:45	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33963	No
142	GOM_NL__2PRFIN20080828_181518_000000412071_00342_33963_9880.N1	28-AUG-2008 18:15:18	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	33963	No
143	GOM_NL__2PRFIN20080828_181819_000000392071_00342_33963_9881.N1	28-AUG-2008 18:18:19	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	33963	No
144	GOM_NL__2PRFIN20080828_182507_000000362071_00342_33963_9882.N1	28-AUG-2008 18:25:07	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	33963	No
145	GOM_NL__2PRFIN20080828_182656_000000362071_00342_33963_9883.N1	28-AUG-2008 18:26:56	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	33963	No
146	GOM_NL__2PRFIN20080828_182818_000000362071_00342_33963_9884.N1	28-AUG-2008 18:28:18	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	33963	No
147	GOM_NL__2PRFIN20080828_183321_000000362071_00342_33963_9885.N1	28-AUG-2008 18:33:21	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	33963	No
148	GOM_NL__2PRFIN20080828_184056_000000362071_00342_33963_9886.N1	28-AUG-2008 18:40:56	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33963	No
149	GOM_NL__2PRFIN20080828_185747_000000372071_00342_33963_9887.N1	28-AUG-2008 18:57:47	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	33963	No
150	GOM_NL__2PRFIN20080828_190023_000000452071_00342_33963_9888.N1	28-AUG-2008 19:00:23	Bright	44.500	170	27Eps Gem	3.0000	9700.0	89	33963	No
151	GOM_NL__2PRFIN20080828_190317_000000512071_00342_33963_9889.N1	28-AUG-2008 19:03:17	Twilight	50.500	44	24Gam Gem	1.9280	11000.	101	33963	No
152	GOM_NL__2PRFIN20080828_190523_000000422071_00342_33963_9890.N1	28-AUG-2008 19:05:23	Twilight	41.500	8	10Alp CMi	0.40000	6500.0	83	33963	No
153	GOM_NL__2PRFIN20080828_191250_000000542071_00342_33963_9891.N1	28-AUG-2008 19:12:50	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	33963	No
154	GOM_NL__2PRFIN20080828_191411_000000382071_00342_33963_9892.N1	28-AUG-2008 19:14:11	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	33963	No
155	GOM_NL__2PRFIN20080828_191540_000000432071_00342_33963_9893.N1	28-AUG-2008 19:15:40	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	33963	No
156	GOM_NL__2PRFIN20080828_191720_000000462071_00342_33963_9894.N1	28-AUG-2008 19:17:20	Dark	46.000	117	Pi Pup	2.7060	3800.0	92	33963	No
157	GOM_NL__2PRFIN20080828_192227_000000532071_00342_33963_9895.N1	28-AUG-2008 19:22:27	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33963	No
158	GOM_NL__2PRFIN20080828_193355_000000462071_00343_33964_9887.N1	28-AUG-2008 19:33:55	Dark	46.000	9	Alp Eri	0.45300	24000.	92	33964	No
159	GOM_NL__2PRFIN20080828_193953_000000522071_00343_33964_9888.N1	28-AUG-2008 19:39:53	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	33964	No
160	GOM_NL__2PRFIN20080828_194210_000000402071_00343_33964_9889.N1	28-AUG-2008 19:42:10	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	33964	No

161	GOM_NL__2PRFIN20080828_194614_000000492071_00343_33964_9890.N1	28-AUG-2008 19:46:14	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	33964	No
162	GOM_NL__2PRFIN20080828_195110_000000422071_00343_33964_9891.N1	28-AUG-2008 19:51:10	Bright	41.500	142	49Del Cap	2.8500	8900.0	83	33964	No
163	GOM_NL__2PRFIN20080828_195421_000000382071_00343_33964_9892.N1	28-AUG-2008 19:54:21	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	33964	No
164	GOM_NL__2PRFIN20080828_195554_000000412071_00343_33964_9893.N1	28-AUG-2008 19:55:54	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	33964	No
165	GOM_NL__2PRFIN20080828_195855_000000402071_00343_33964_9894.N1	28-AUG-2008 19:58:55	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	33964	No
166	GOM_NL__2PRFIN20080828_200543_000000382071_00343_33964_9895.N1	28-AUG-2008 20:05:43	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	33964	No
167	GOM_NL__2PRFIN20080828_200732_000000372071_00343_33964_9896.N1	28-AUG-2008 20:07:32	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	33964	No
168	GOM_NL__2PRFIN20080828_200854_000000382071_00343_33964_9897.N1	28-AUG-2008 20:08:54	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	33964	No
169	GOM_NL__2PRFIN20080828_201357_000000382071_00343_33964_9898.N1	28-AUG-2008 20:13:57	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	33964	No
170	GOM_NL__2PRFIN20080828_202132_000000372071_00343_33964_9899.N1	28-AUG-2008 20:21:32	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	33964	No
171	GOM_NL__2PRFIN20080828_203823_000000382071_00343_33964_9900.N1	28-AUG-2008 20:38:23	Bright	37.500	24	66Alp Gem	1.5800	10200.	75	33964	No
172	GOM_NL__2PRFIN20080828_204059_000000482071_00343_33964_9901.N1	28-AUG-2008 20:40:59	Bright	47.500	170	27Eps Gem	3.0000	9700.0	95	33964	No
173	GOM_NL__2PRFIN20080828_204353_000000492071_00343_33964_9902.N1	28-AUG-2008 20:43:53	Twilight	48.500	44	24Gam Gem	1.9280	11000.	97	33964	No
174	GOM_NL__2PRFIN20080828_204559_000000442071_00343_33964_9903.N1	28-AUG-2008 20:45:59	Twilight	44.000	8	10Alp CMi	0.40000	6500.0	88	33964	No
175	GOM_NL__2PRFIN20080828_205326_000000472071_00343_33964_9904.N1	28-AUG-2008 20:53:26	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	33964	No
176	GOM_NL__2PRFIN20080828_205448_000000392071_00343_33964_9905.N1	28-AUG-2008 20:54:48	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	33964	No
177	GOM_NL__2PRFIN20080828_205616_000000442071_00343_33964_9906.N1	28-AUG-2008 20:56:16	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	33964	No
178	GOM_NL__2PRFIN20080828_205756_000000422071_00343_33964_9907.N1	28-AUG-2008 20:57:56	Dark	42.000	117	Pi Pup	2.7060	3800.0	84	33964	No
179	GOM_NL__2PRFIN20080828_210303_000000462071_00343_33964_9908.N1	28-AUG-2008 21:03:03	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	33964	No
180	GOM_NL__2PRFIN20080828_211431_000000472071_00344_33965_9892.N1	28-AUG-2008 21:14:31	Dark	47.000	9	Alp Eri	0.45300	24000.	94	33965	No
181	GOM_NL__2PRFIN20080828_212029_000000512071_00344_33965_9893.N1	28-AUG-2008 21:20:29	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	33965	No
182	GOM_NL__2PRFIN20080828_212247_000000412071_00344_33965_9894.N1	28-AUG-2008 21:22:47	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	33965	No
183	GOM_NL__2PRFIN20080828_212650_000000492071_00344_33965_9895.N1	28-AUG-2008 21:26:50	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	33965	No
184	GOM_NL__2PRFIN20080828_213146_000000412071_00344_33965_9896.N1	28-AUG-2008 21:31:46	Bright	41.000	142	49Del Cap	2.8500	8900.0	82	33965	No
185	GOM_NL__2PRFIN20080828_213457_000000382071_00344_33965_9897.N1	28-AUG-2008 21:34:57	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	33965	No
186	GOM_NL__2PRFIN20080828_213630_000000412071_00344_33965_9898.N1	28-AUG-2008 21:36:30	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	33965	No
187	GOM_NL__2PRFIN20080828_213931_000000392071_00344_33965_9899.N1	28-AUG-2008 21:39:31	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	33965	No
188	GOM_NL__2PRFIN20080828_214619_000000342071_00344_33965_9900.N1	28-AUG-2008 21:46:19	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	33965	No
189	GOM_NL__2PRFIN20080828_214808_000000382071_00344_33965_9901.N1	28-AUG-2008 21:48:08	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	33965	No
190	GOM_NL__2PRFIN20080828_214930_000000382071_00344_33965_9902.N1	28-AUG-2008 21:49:30	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	33965	No
191	GOM_NL__2PRFIN20080828_215432_000000372071_00344_33965_9903.N1	28-AUG-2008 21:54:32	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	33965	No
192	GOM_NL__2PRFIN20080828_220208_000000362071_00344_33965_9904.N1	28-AUG-2008 22:02:08	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33965	No
193	GOM_NL__2PRFIN20080828_221859_000000352071_00344_33965_9905.N1	28-AUG-2008 22:18:59	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	33965	No
194	GOM_NL__2PRFIN20080828_222135_000000492071_00344_33965_9906.N1	28-AUG-2008 22:21:35	Bright	48.500	170	27Eps Gem	3.0000	9700.0	97	33965	No
195	GOM_NL__2PRFIN20080828_222429_000000462071_00344_33965_9907.N1	28-AUG-2008 22:24:29	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	33965	No
196	GOM_NL__2PRFIN20080828_222635_000000482071_00344_33965_9908.N1	28-AUG-2008 22:26:35	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	33965	No
197	GOM_NL__2PRFIN20080828_223403_000000482071_00344_33965_9909.N1	28-AUG-2008 22:34:03	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	33965	No
198	GOM_NL__2PRFIN20080828_223524_000000402071_00344_33965_9910.N1	28-AUG-2008 22:35:24	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	33965	No
199	GOM_NL__2PRFIN20080828_223652_000000432071_00344_33965_9911.N1	28-AUG-2008 22:36:52	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	33965	No
200	GOM_NL__2PRFIN20080828_223832_000000482071_00344_33965_9912.N1	28-AUG-2008 22:38:32	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	33965	No
201	GOM_NL__2PRFIN20080828_224339_000000502071_00344_33965_9913.N1	28-AUG-2008 22:43:39	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	33965	No
202	GOM_NL__2PRFIN20080828_225508_000000452071_00345_33966_0013.N1	28-AUG-2008 22:55:08	Dark	45.000	9	Alp Eri	0.45300	24000.	90	33966	No
203	GOM_NL__2PRFIN20080828_230106_000000492071_00345_33966_0014.N1	28-AUG-2008 23:01:06	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	33966	No
204	GOM_NL__2PRFIN20080828_230323_000000422071_00345_33966_0015.N1	28-AUG-2008 23:03:23	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	33966	No
205	GOM_NL__2PRFIN20080828_230726_000000452071_00345_33966_0016.N1	28-AUG-2008 23:07:26	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	33966	No
206	GOM_NL__2PRFIN20080828_231222_000000422071_00345_33966_0017.N1	28-AUG-2008 23:12:22	Bright	41.500	142	49Del Cap	2.8500	8900.0	83	33966	No
207	GOM_NL__2PRFIN20080828_231533_000000392071_00345_33966_0018.N1	28-AUG-2008 23:15:33	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33966	No
208	GOM_NL__2PRFIN20080828_231705_000000412071_00345_33966_0019.N1	28-AUG-2008 23:17:05	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	33966	No
209	GOM_NL__2PRFIN20080828_232006_000000392071_00345_33966_0020.N1	28-AUG-2008 23:20:06	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	33966	No
210	GOM_NL__2PRFIN20080828_232654_000000372071_00345_33966_0021.N1	28-AUG-2008 23:26:54	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	33966	No
211	GOM_NL__2PRFIN20080828_232844_000000362071_00345_33966_0022.N1	28-AUG-2008 23:28:44	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	33966	No
212	GOM_NL__2PRFIN20080828_233005_000000352071_00345_33966_0023.N1	28-AUG-2008 23:30:05	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	33966	No
213	GOM_NL__2PRFIN20080828_233508_000000352071_00345_33966_0024.N1	28-AUG-2008 23:35:08	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	33966	No
214	GOM_NL__2PRFIN20080828_234243_000000362071_00345_33966_0025.N1	28-AUG-2008 23:42:43	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33966	No
215	GOM_NL__2PRFIN20080828_235935_000000402071_00345_33966_0026.N1	28-AUG-2008 23:59:35	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	33966	No

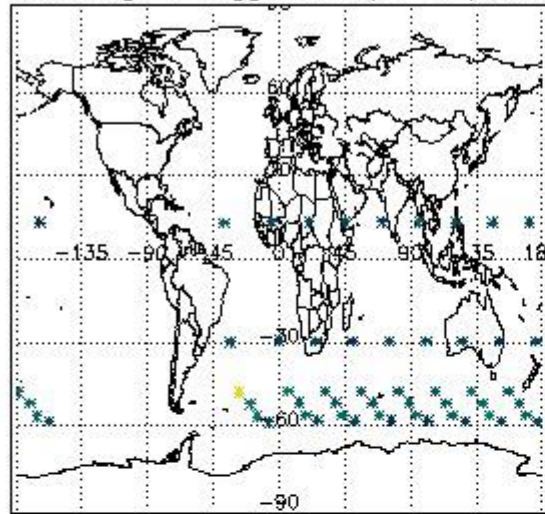
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

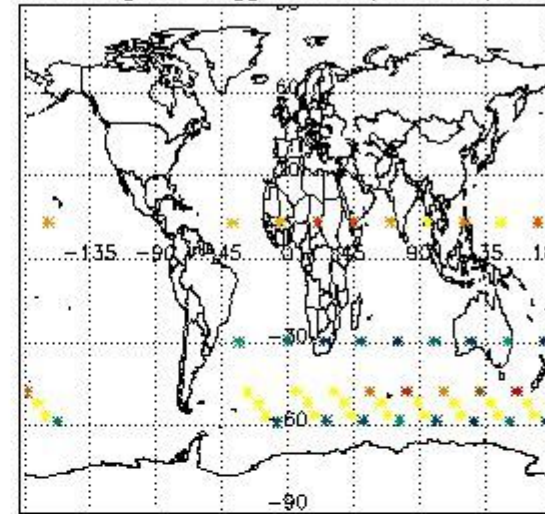


3.2 Plot quality information per product (world map)

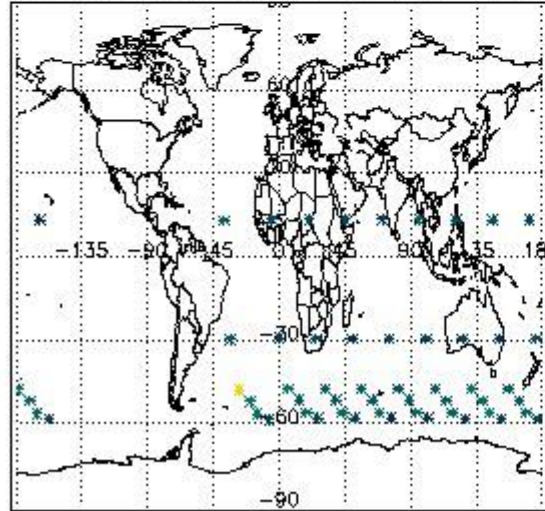
Percentage of flagged data per O3 profile



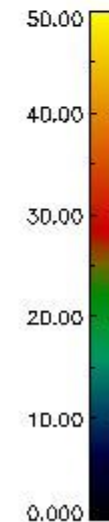
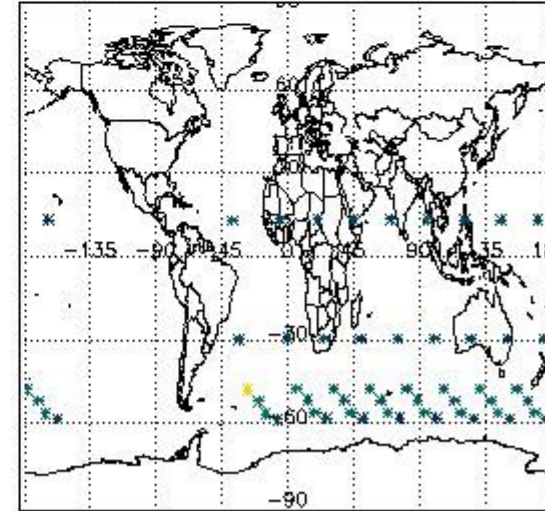
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

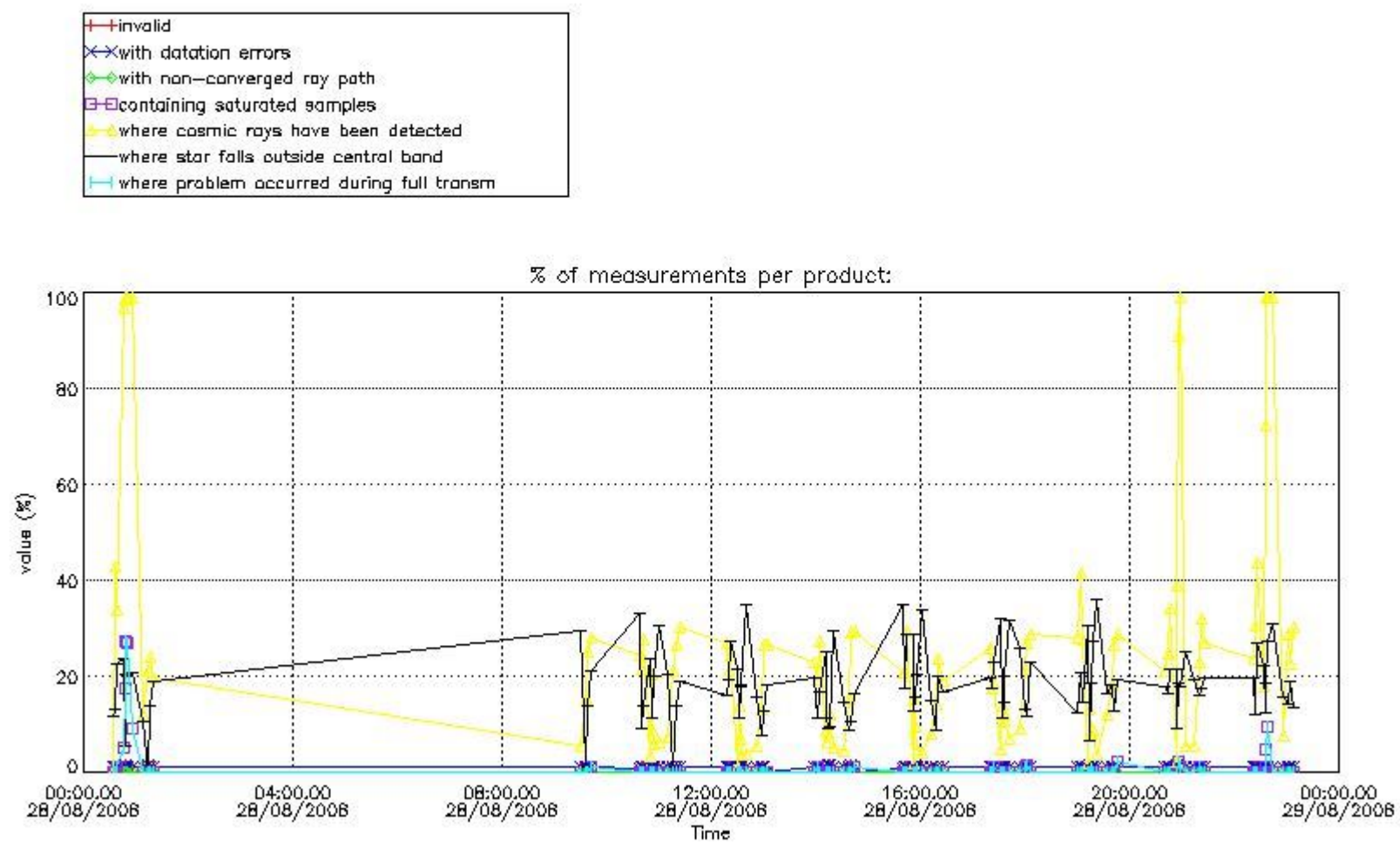


4. Level 1 quality information per product

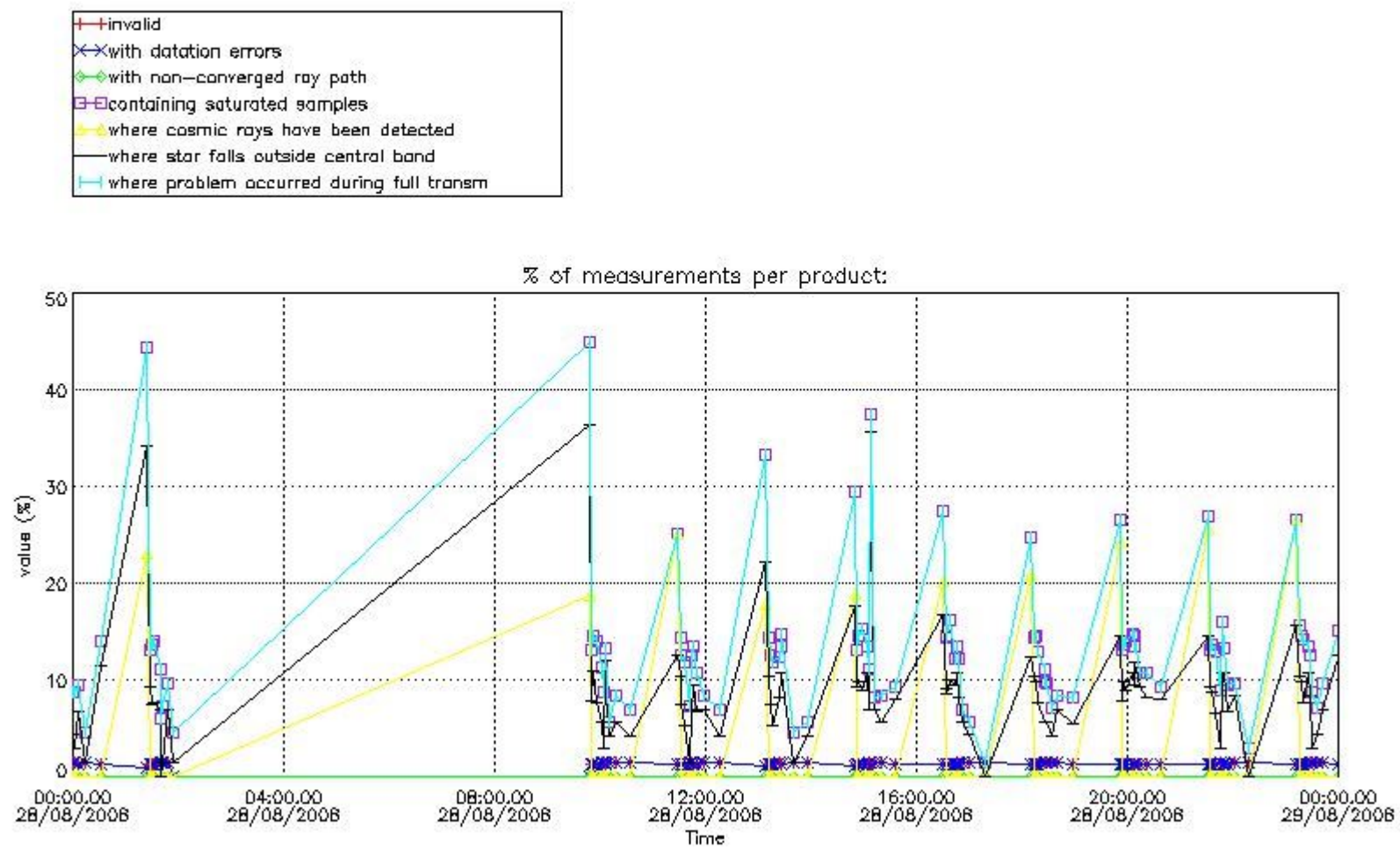
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

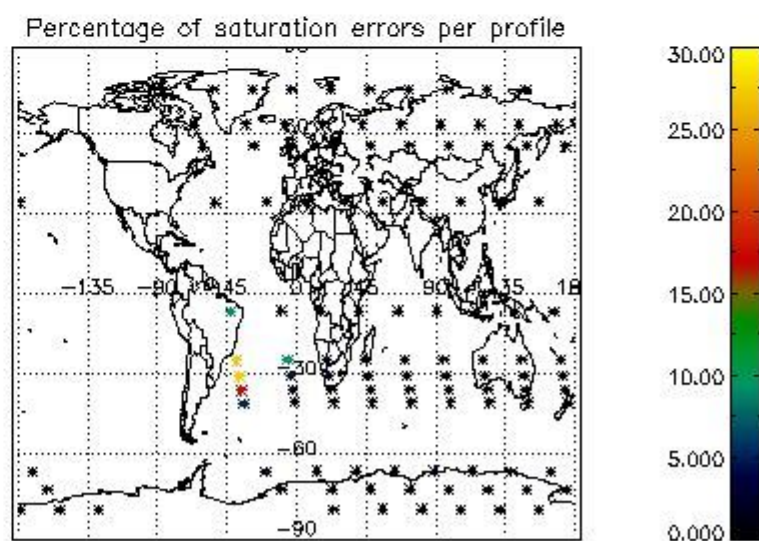
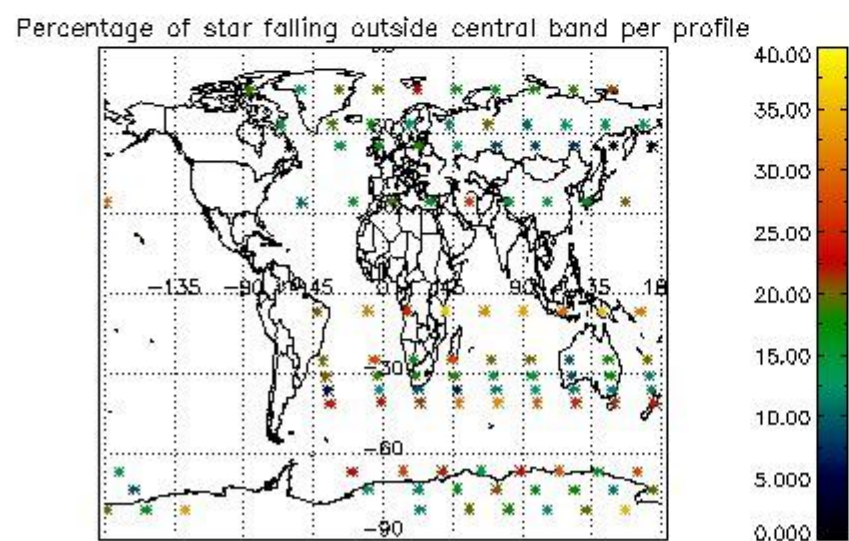
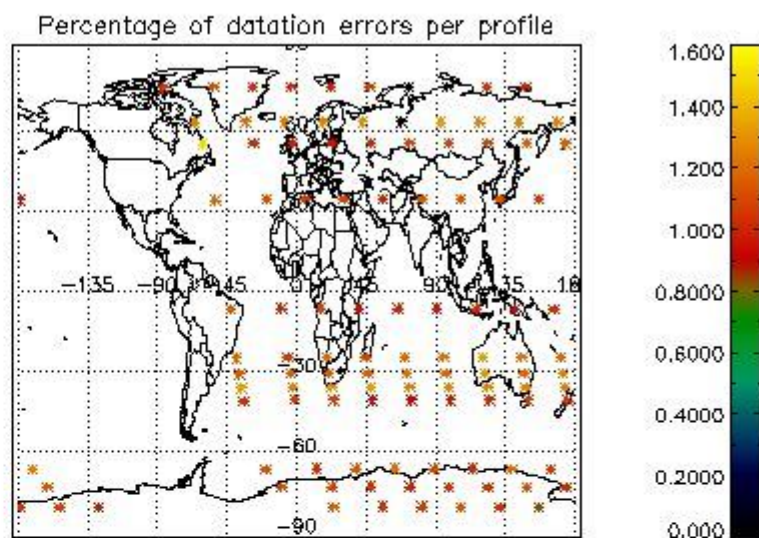
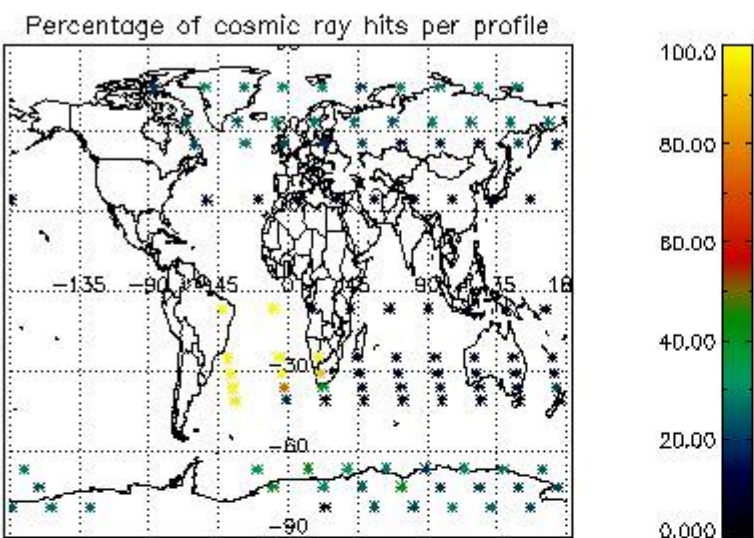


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

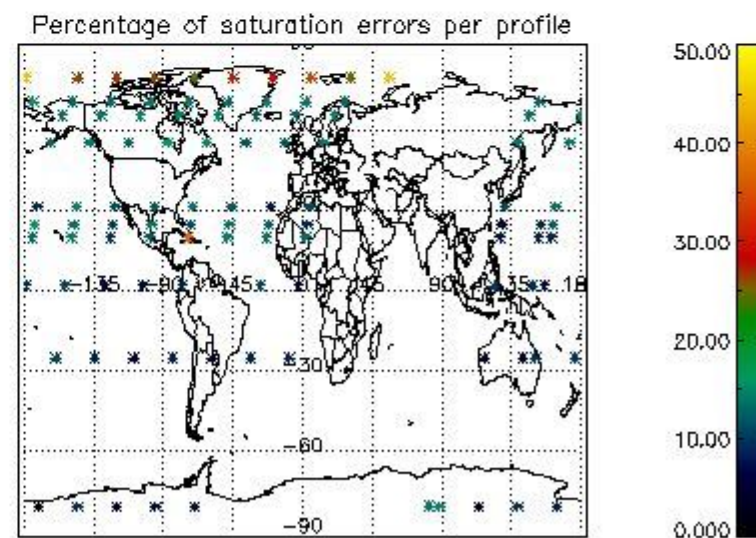
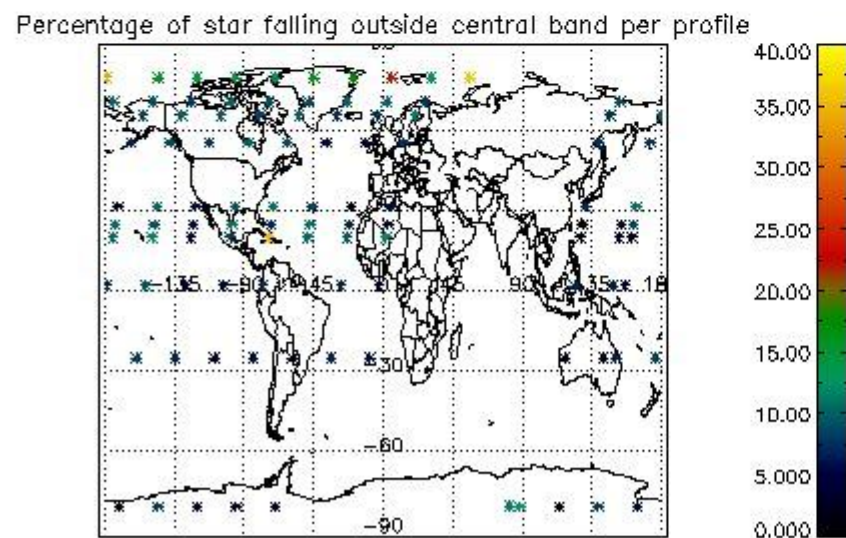
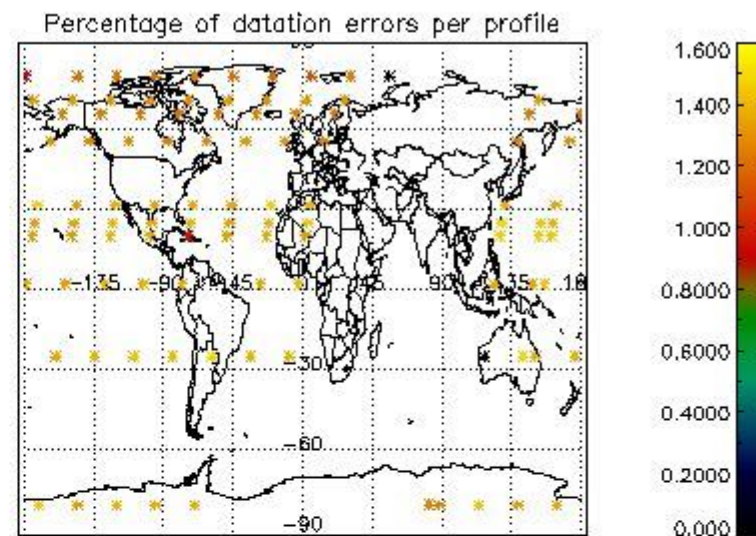
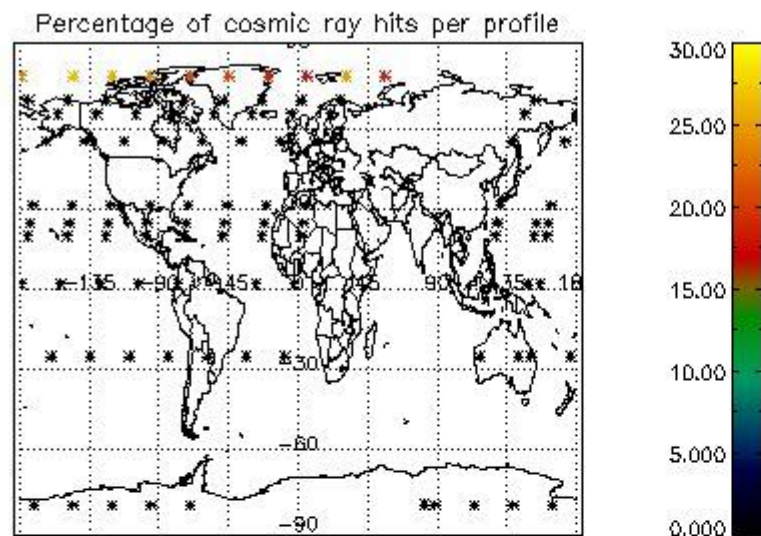


4.2 Plot quality information per product coming from level 1b processing (world map)

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

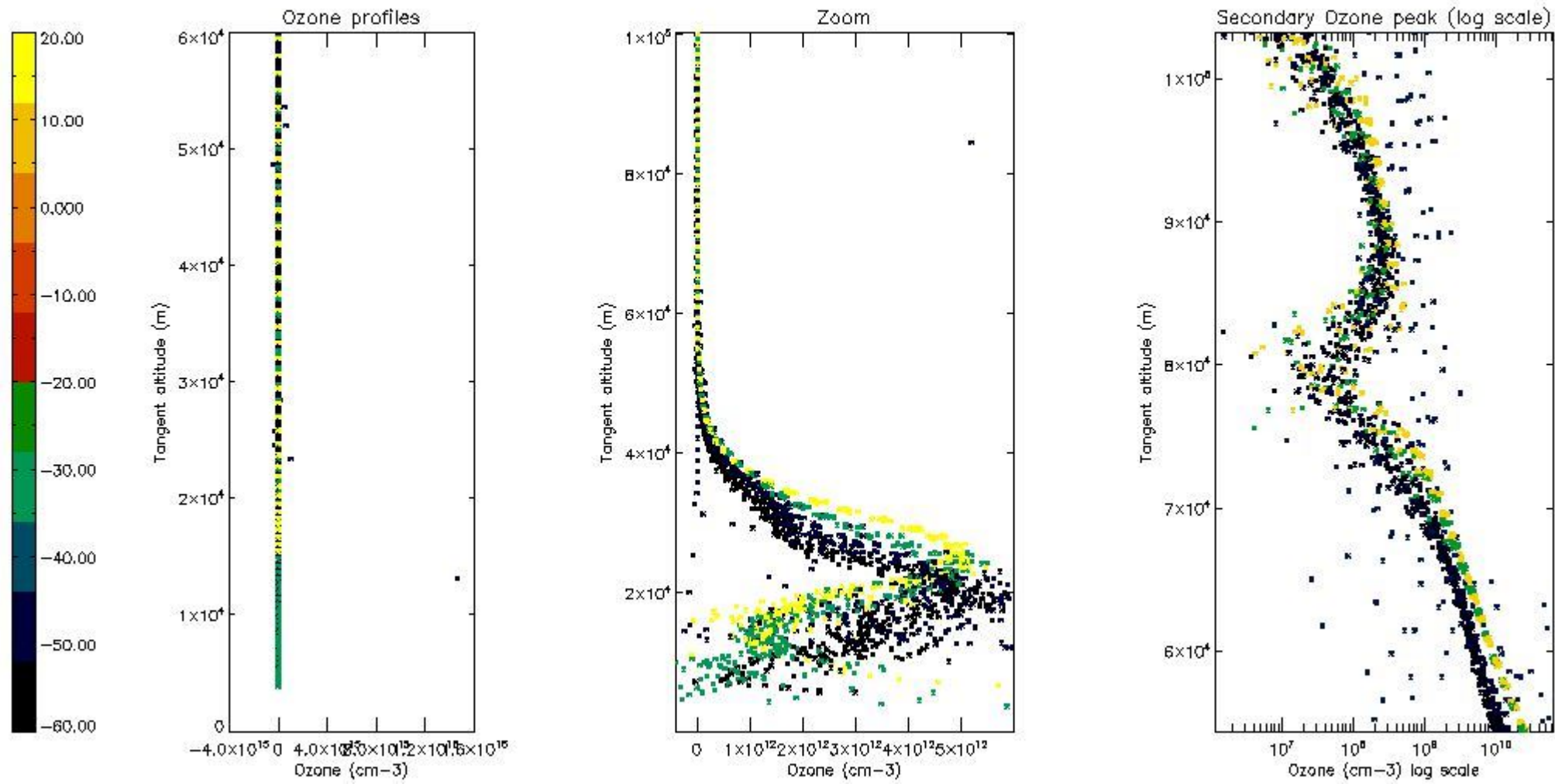
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	18

STD < 10	15
STD < 5	12

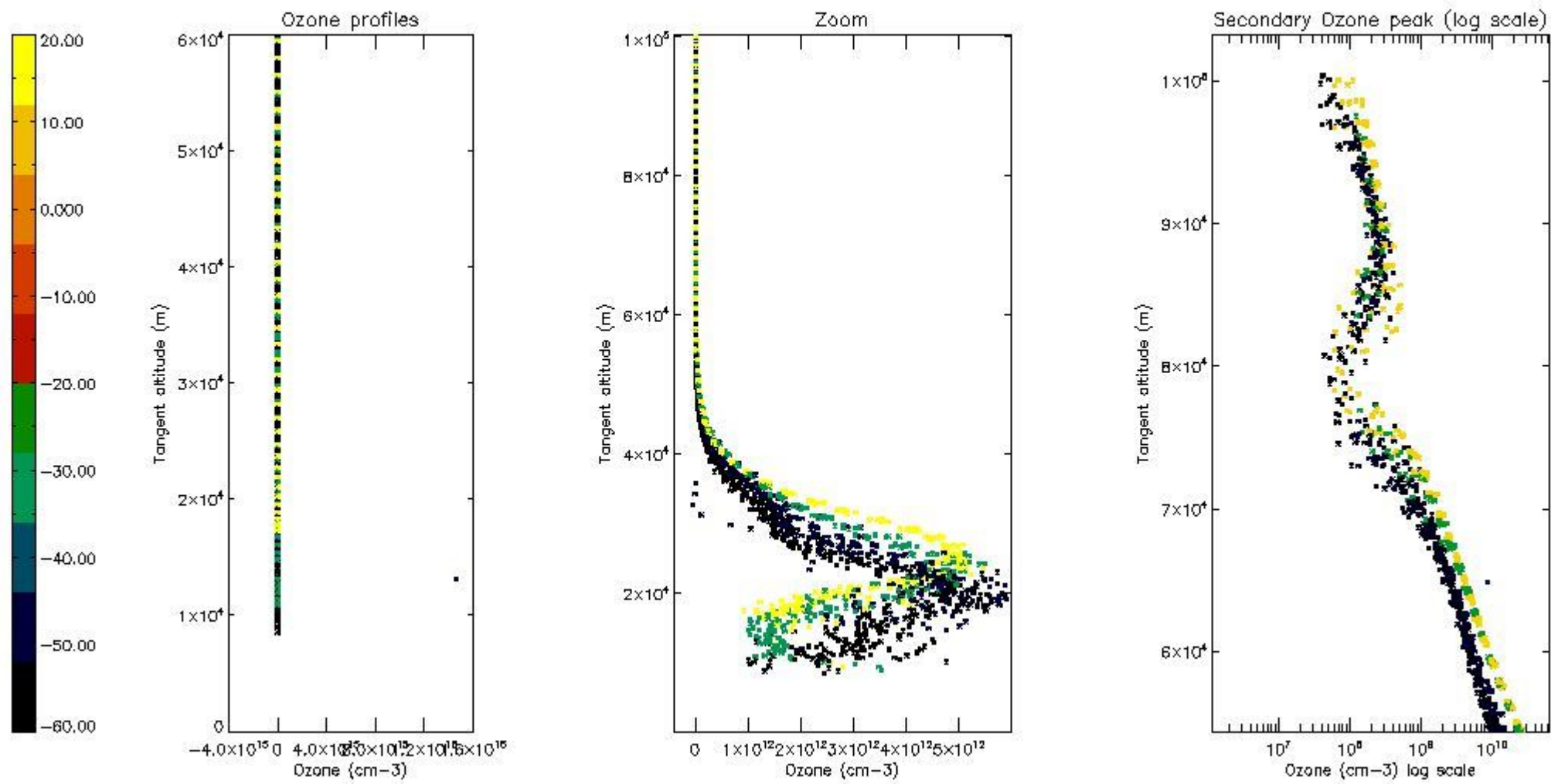
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



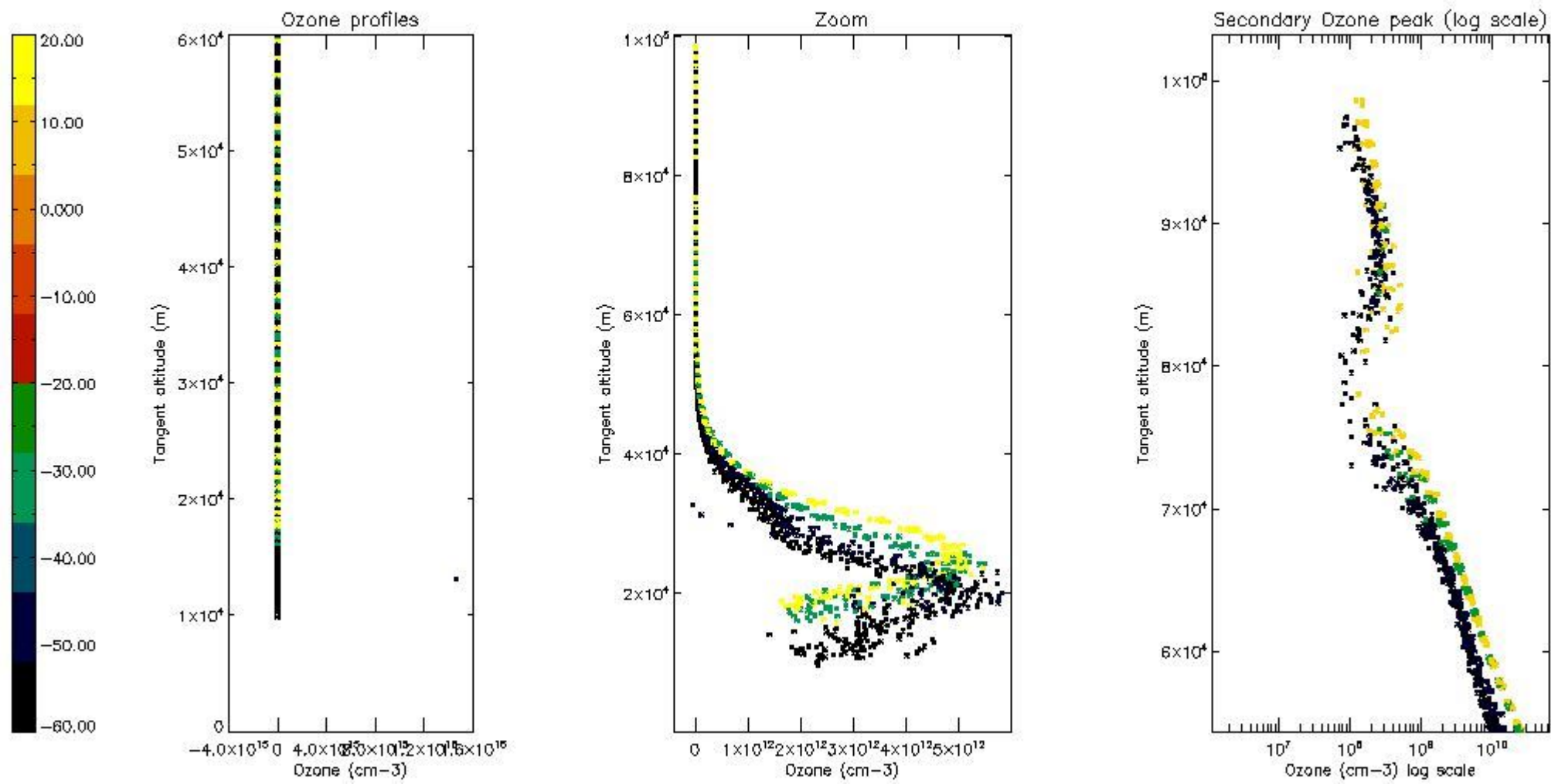
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



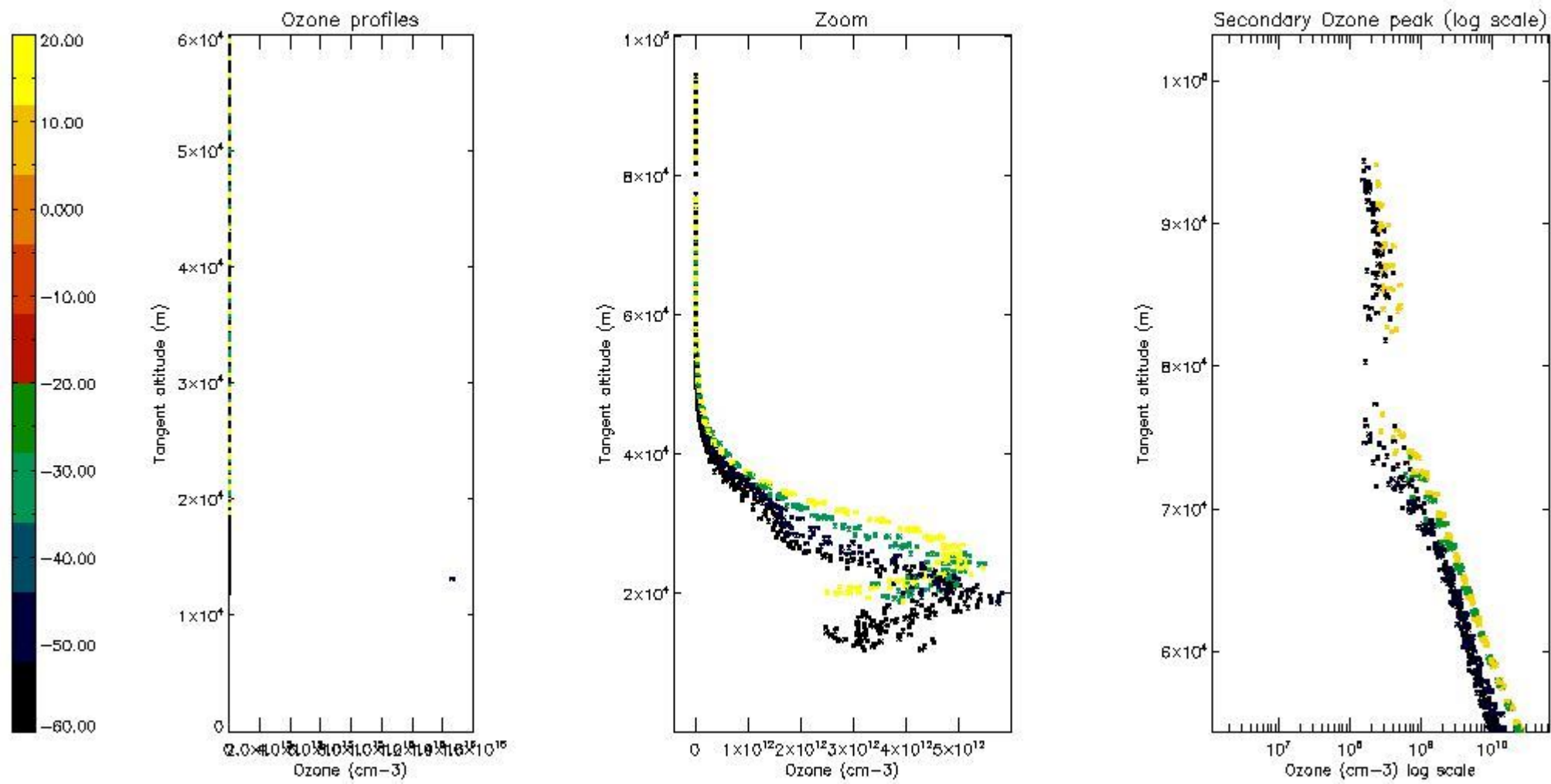
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



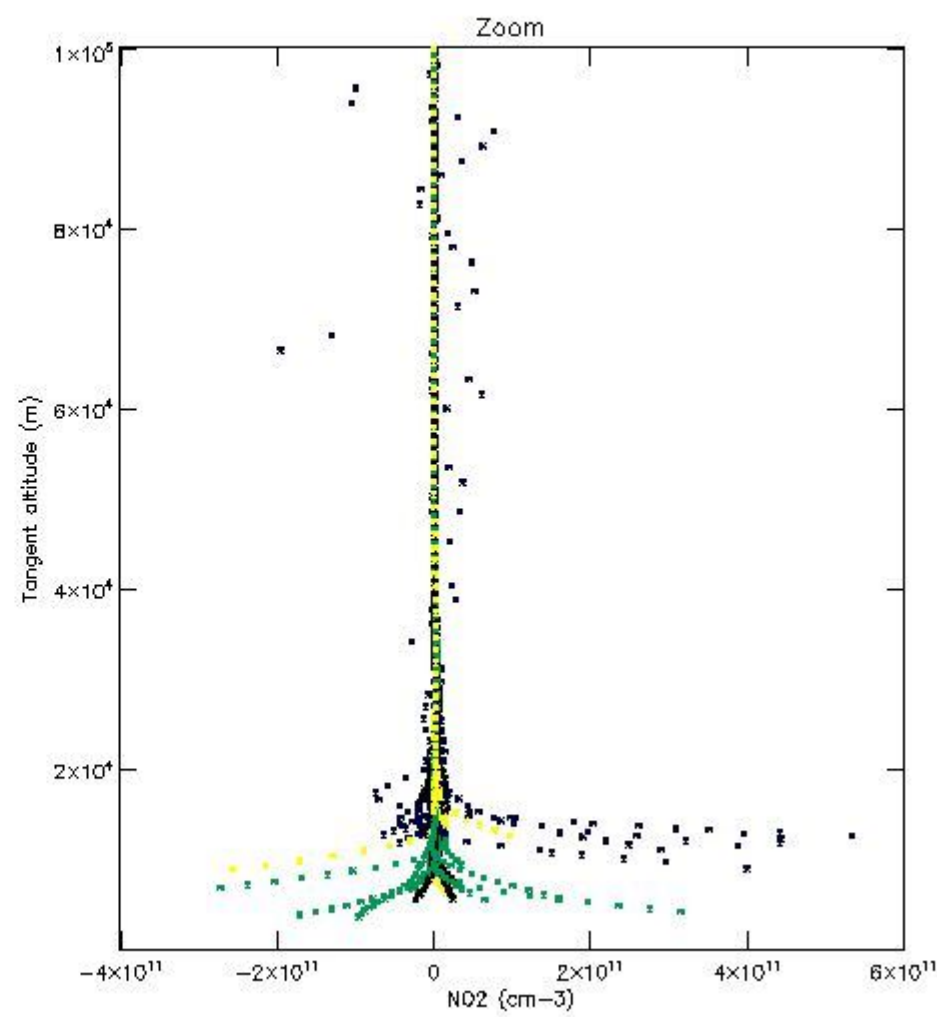
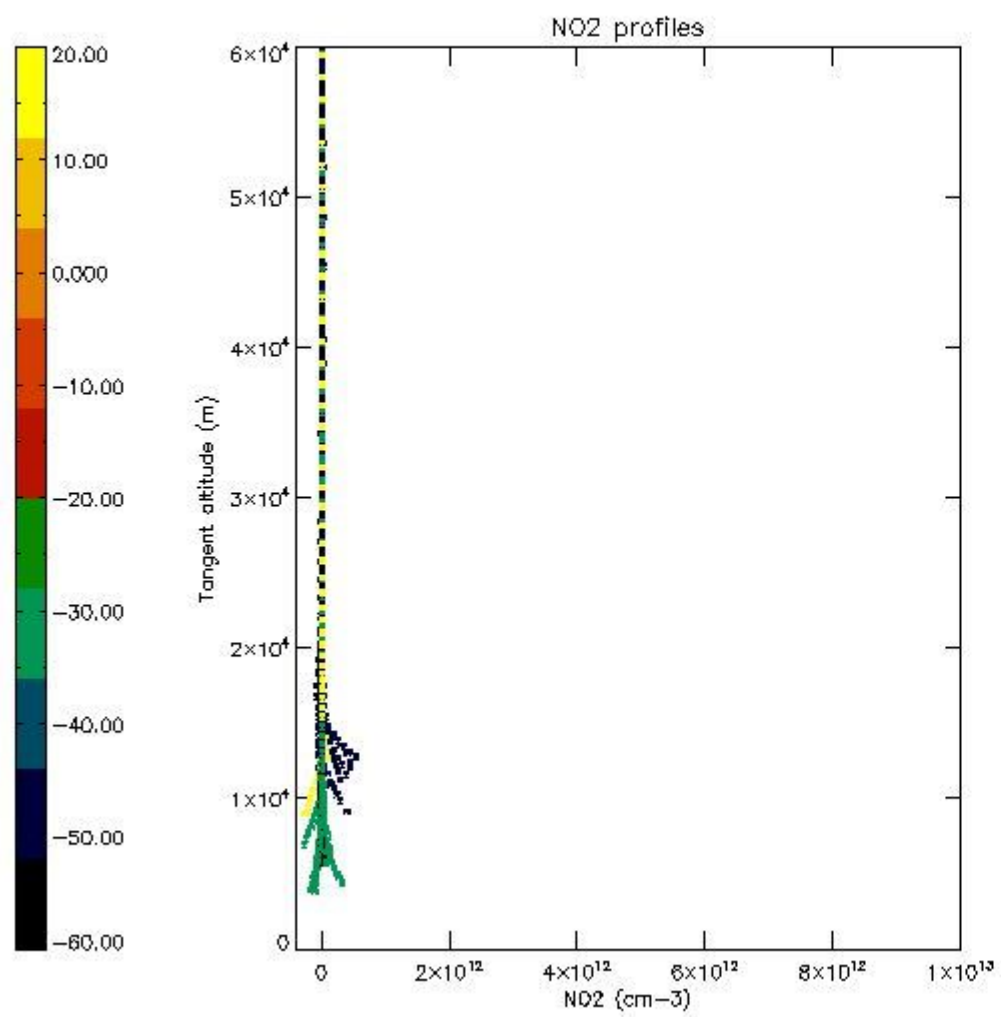
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



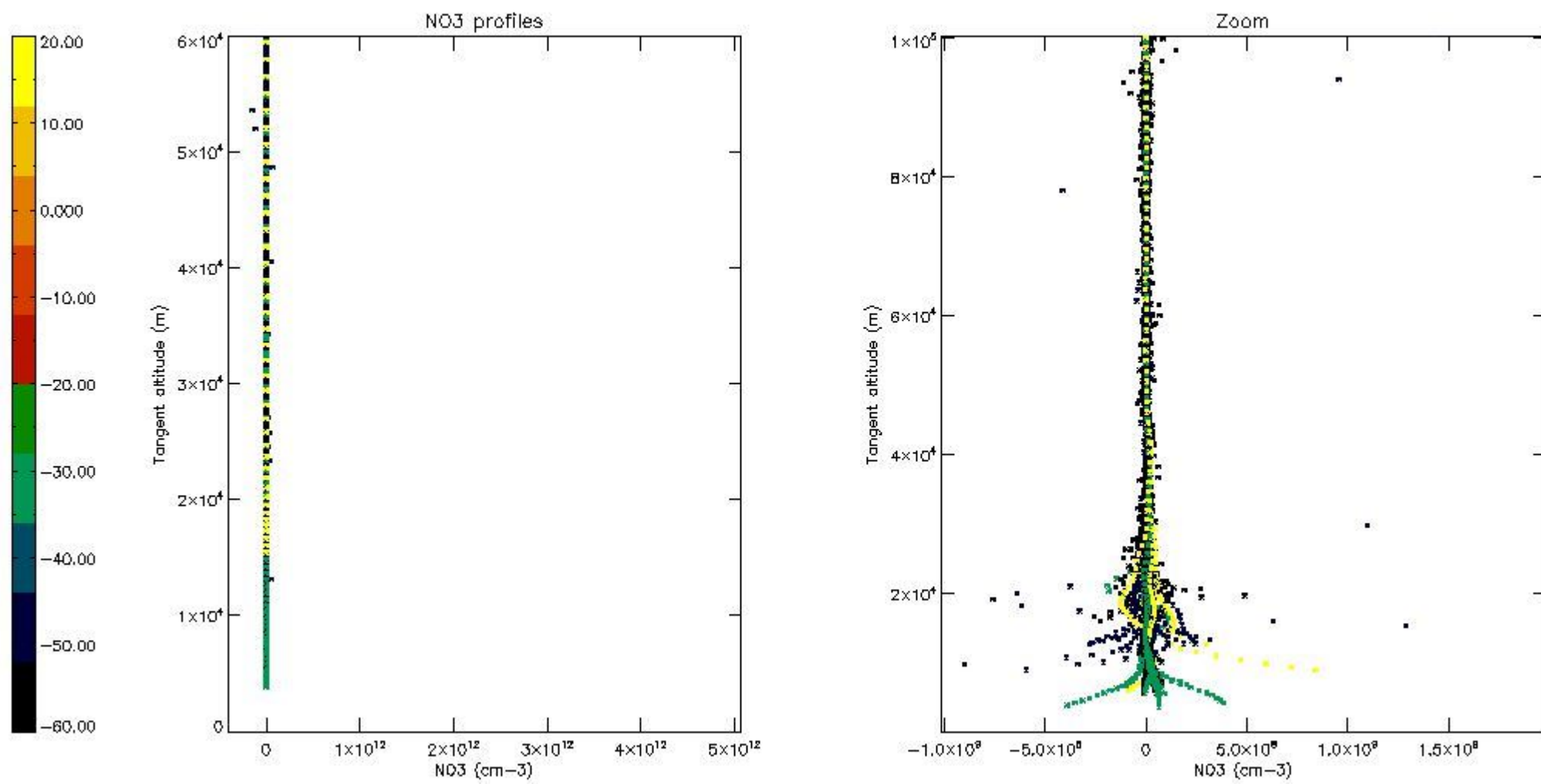
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



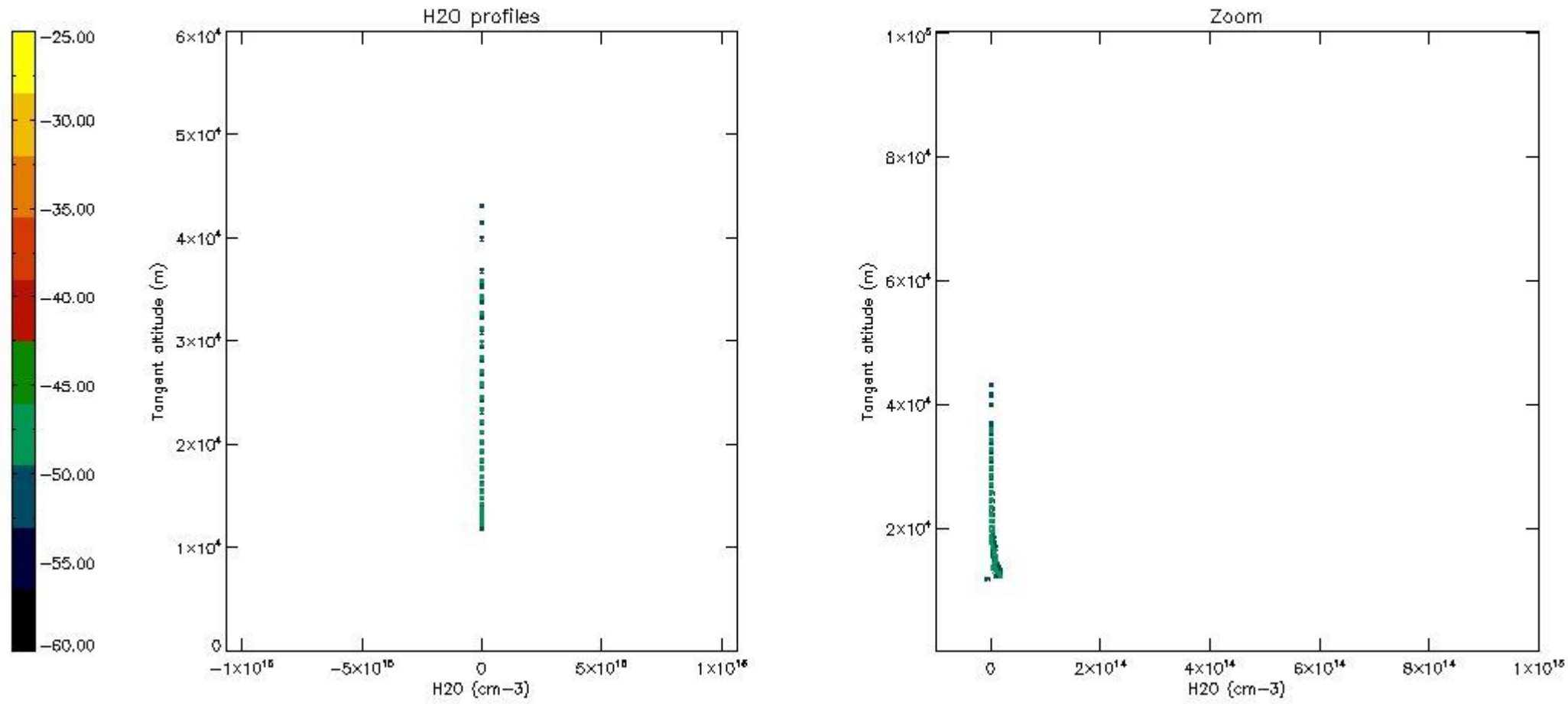
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	28-AUG-2008 00:00:20
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	28-AUG-2008 00:00:20
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	28-AUG-2008 00:00:20

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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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	25APR2013 19:20:59
Data source version	GOMOS/6.01
Start time of products	28-08-2008 (28AUG2008 00:00:00)
Stop time of products	29-08-2008 (29AUG2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	215
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__2PRFIN20080828_000020_000000352071_00331_33952_9738.N1	28-AUG-2008 00:00:20	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	33952	No
2	GOM_NL__2PRFIN20080828_000143_000000352071_00331_33952_9739.N1	28-AUG-2008 00:01:43	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	33952	No
3	GOM_NL__2PRFIN20080828_000647_000000372071_00331_33952_9740.N1	28-AUG-2008 00:06:47	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	33952	No
4	GOM_NL__2PRFIN20080828_001421_000000342071_00331_33952_9741.N1	28-AUG-2008 00:14:21	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33952	No
5	GOM_NL__2PRFIN20080828_003110_000000402071_00331_33952_9742.N1	28-AUG-2008 00:31:10	Bright	39.500	24	66Alp Gem	1.5800	10200.	79	33952	No
6	GOM_NL__2PRFIN20080828_003345_000000442071_00331_33952_9743.N1	28-AUG-2008 00:33:45	Bright	43.500	170	27Eps Gem	3.0000	9700.0	87	33952	No
7	GOM_NL__2PRFIN20080828_003638_000000462071_00331_33952_9744.N1	28-AUG-2008 00:36:38	Twilight	45.500	44	24Gam Gem	1.9280	11000.	91	33952	No
8	GOM_NL__2PRFIN20080828_003845_000000452071_00331_33952_9745.N1	28-AUG-2008 00:38:45	Twilight	44.500	8	10Alp CMi	0.40000	6500.0	89	33952	No
9	GOM_NL__2PRFIN20080828_004609_000000492071_00331_33952_9746.N1	28-AUG-2008 00:46:09	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	33952	No
10	GOM_NL__2PRFIN20080828_004731_000000382071_00331_33952_9747.N1	28-AUG-2008 00:47:31	Dark	37.500	179	24Omi2CMa	3.0320	24000.	75	33952	No
11	GOM_NL__2PRFIN20080828_004859_000000442071_00331_33952_9748.N1	28-AUG-2008 00:48:59	Dark	44.000	23	21Eps CMa	1.5020	26000.	88	33952	No
12	GOM_NL__2PRFIN20080828_005041_000000432071_00331_33952_9749.N1	28-AUG-2008 00:50:41	Dark	42.500	117	Pi Pup	2.7060	3800.0	85	33952	No
13	GOM_NL__2PRFIN20080828_005547_000000442071_00331_33952_9750.N1	28-AUG-2008 00:55:47	Dark	43.500	2	Alp Car	-0.73600	7000.0	87	33952	No
14	GOM_NL__2PRFIN20080828_010713_000000422071_00332_33953_9744.N1	28-AUG-2008 01:07:13	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33953	No
15	GOM_NL__2PRFIN20080828_011311_000000332071_00332_33953_9745.N1	28-AUG-2008 01:13:11	Straylight	33.000	84	Alp Phe	2.3970	4500.0	66	33953	No
16	GOM_NL__2PRFIN20080828_011532_000000402071_00332_33953_9746.N1	28-AUG-2008 01:15:32	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	33953	No
17	GOM_NL__2PRFIN20080828_011936_000000482071_00332_33953_9747.N1	28-AUG-2008 01:19:36	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	33953	No
18	GOM_NL__2PRFIN20080828_012434_000000542071_00332_33953_9748.N1	28-AUG-2008 01:24:34	Bright	54.000	142	49Del Cap	2.8500	8900.0	108	33953	No
19	GOM_NL__2PRFIN20080828_012745_000000382071_00332_33953_9749.N1	28-AUG-2008 01:27:45	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	33953	No
20	GOM_NL__2PRFIN20080828_012919_000000412071_00332_33953_9750.N1	28-AUG-2008 01:29:19	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	33953	No
21	GOM_NL__2PRFIN20080828_013220_000000402071_00332_33953_9751.N1	28-AUG-2008 01:32:20	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	33953	No
22	GOM_NL__2PRFIN20080828_013907_000000362071_00332_33953_9752.N1	28-AUG-2008 01:39:07	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	33953	No
23	GOM_NL__2PRFIN20080828_014056_000000342071_00332_33953_9753.N1	28-AUG-2008 01:40:56	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	33953	No
24	GOM_NL__2PRFIN20080828_014219_000000342071_00332_33953_9754.N1	28-AUG-2008 01:42:19	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	33953	No
25	GOM_NL__2PRFIN20080828_014723_000000372071_00332_33953_9755.N1	28-AUG-2008 01:47:23	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	33953	No
26	GOM_NL__2PRFIN20080828_015457_000000342071_00332_33953_9756.N1	28-AUG-2008 01:54:57	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33953	No
27	GOM_NL__2PRFIN20080828_093016_000000542071_00337_33958_9797.N1	28-AUG-2008 09:30:16	Dark	54.000	9	Alp Eri	0.45300	24000.	108	33958	No
28	GOM_NL__2PRFIN20080828_093614_000000432071_00337_33958_9798.N1	28-AUG-2008 09:36:14	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	33958	No
29	GOM_NL__2PRFIN20080828_093833_000000402071_00337_33958_9799.N1	28-AUG-2008 09:38:33	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	33958	No
30	GOM_NL__2PRFIN20080828_094237_000000502071_00337_33958_9800.N1	28-AUG-2008 09:42:37	Straylight	50.000	18	24Alp PsA	1.1660	9700.0	100	33958	No
31	GOM_NL__2PRFIN20080828_094734_000000542071_00337_33958_9801.N1	28-AUG-2008 09:47:34	Bright	53.500	142	49Del Cap	2.8500	8900.0	107	33958	No
32	GOM_NL__2PRFIN20080828_095045_000000382071_00337_33958_9802.N1	28-AUG-2008 09:50:45	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	33958	No
33	GOM_NL__2PRFIN20080828_095218_000000412071_00337_33958_9803.N1	28-AUG-2008 09:52:18	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	33958	No
34	GOM_NL__2PRFIN20080828_095520_000000402071_00337_33958_9804.N1	28-AUG-2008 09:55:20	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	33958	No
35	GOM_NL__2PRFIN20080828_100207_000000362071_00337_33958_9805.N1	28-AUG-2008 10:02:07	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	33958	No
36	GOM_NL__2PRFIN20080828_100356_000000352071_00337_33958_9806.N1	28-AUG-2008 10:03:56	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	33958	No
37	GOM_NL__2PRFIN20080828_100518_000000382071_00337_33958_9807.N1	28-AUG-2008 10:05:18	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	33958	No
38	GOM_NL__2PRFIN20080828_101022_000000362071_00337_33958_9808.N1	28-AUG-2008 10:10:22	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	33958	No
39	GOM_NL__2PRFIN20080828_101756_000000362071_00337_33958_9809.N1	28-AUG-2008 10:17:56	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33958	No
40	GOM_NL__2PRFIN20080828_103447_000000372071_00337_33958_9810.N1	28-AUG-2008 10:34:47	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	33958	No
41	GOM_NL__2PRFIN20080828_103722_000000582071_00337_33958_9811.N1	28-AUG-2008 10:37:22	Bright	57.500	170	27Eps Gem	3.0000	9700.0	115	33958	No
42	GOM_NL__2PRFIN20080828_104016_000000442071_00337_33958_9812.N1	28-AUG-2008 10:40:16	Twilight	44.000	44	24Gam Gem	1.9280	11000.	88	33958	No

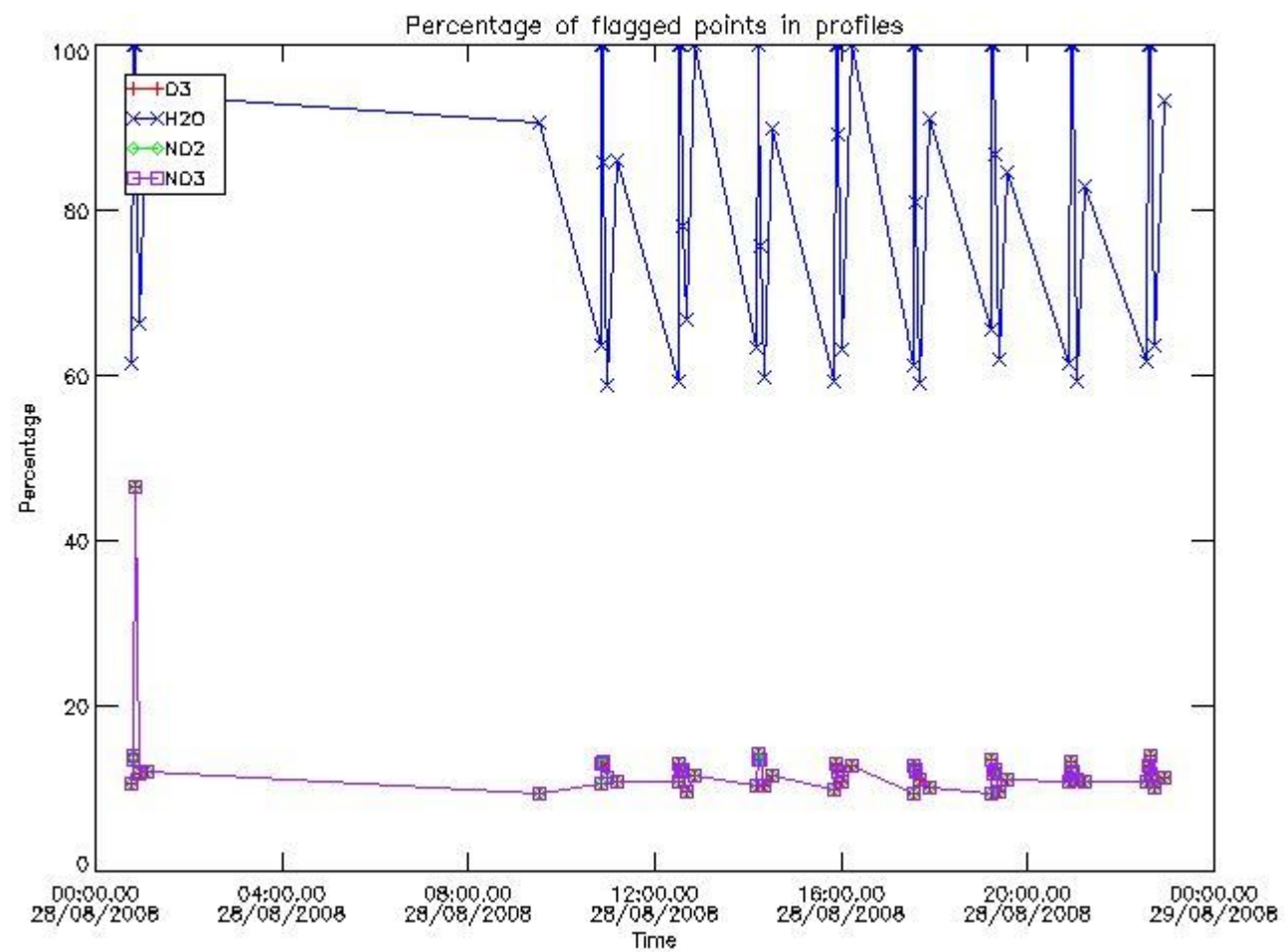
43	GOM_NL__2PRFIN20080828_104222_000000402071_00337_33958_9813.N1	28-AUG-2008 10:42:22	Twilight	40.000	8	10Alp CMI	0.40000	6500.0	80	33958	No
44	GOM_NL__2PRFIN20080828_104948_000000492071_00337_33958_9814.N1	28-AUG-2008 10:49:48	Dark	48.500	1	9Alp CMA	-1.4400	11000.	97	33958	No
45	GOM_NL__2PRFIN20080828_105110_000000402071_00337_33958_9815.N1	28-AUG-2008 10:51:10	Dark	39.500	179	24Omi2CMA	3.0320	24000.	79	33958	No
46	GOM_NL__2PRFIN20080828_105238_000000402071_00337_33958_9816.N1	28-AUG-2008 10:52:38	Dark	39.500	23	21Eps CMA	1.5020	26000.	79	33958	No
47	GOM_NL__2PRFIN20080828_105418_000000432071_00337_33958_9817.N1	28-AUG-2008 10:54:18	Dark	42.500	117	Pi Pup	2.7060	3800.0	85	33958	No
48	GOM_NL__2PRFIN20080828_105925_000000492071_00337_33958_9818.N1	28-AUG-2008 10:59:25	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	33958	No
49	GOM_NL__2PRFIN20080828_111052_000000472071_00338_33959_9818.N1	28-AUG-2008 11:10:52	Dark	47.000	9	Alp Eri	0.45300	24000.	94	33959	No
50	GOM_NL__2PRFIN20080828_111650_000000432071_00338_33959_9819.N1	28-AUG-2008 11:16:50	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	33959	No
51	GOM_NL__2PRFIN20080828_111909_000000402071_00338_33959_9820.N1	28-AUG-2008 11:19:09	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	33959	No
52	GOM_NL__2PRFIN20080828_112313_000000482071_00338_33959_9821.N1	28-AUG-2008 11:23:13	Straylight	48.000	18	24Alp PsA	1.1660	9700.0	96	33959	No
53	GOM_NL__2PRFIN20080828_112810_000000402071_00338_33959_9822.N1	28-AUG-2008 11:28:10	Bright	40.000	142	49Del Cap	2.8500	8900.0	80	33959	No
54	GOM_NL__2PRFIN20080828_113121_000000392071_00338_33959_9823.N1	28-AUG-2008 11:31:21	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33959	No
55	GOM_NL__2PRFIN20080828_113254_000000402071_00338_33959_9824.N1	28-AUG-2008 11:32:54	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	33959	No
56	GOM_NL__2PRFIN20080828_113555_000000382071_00338_33959_9825.N1	28-AUG-2008 11:35:55	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	33959	No
57	GOM_NL__2PRFIN20080828_114243_000000342071_00338_33959_9826.N1	28-AUG-2008 11:42:43	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	33959	No
58	GOM_NL__2PRFIN20080828_114432_000000362071_00338_33959_9827.N1	28-AUG-2008 11:44:32	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	33959	No
59	GOM_NL__2PRFIN20080828_114554_000000372071_00338_33959_9828.N1	28-AUG-2008 11:45:54	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	33959	No
60	GOM_NL__2PRFIN20080828_115058_000000372071_00338_33959_9829.N1	28-AUG-2008 11:50:58	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	33959	No
61	GOM_NL__2PRFIN20080828_115832_000000362071_00338_33959_9830.N1	28-AUG-2008 11:58:32	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33959	No
62	GOM_NL__2PRFIN20080828_121522_000000372071_00338_33959_9831.N1	28-AUG-2008 12:15:22	Bright	36.500	24	66Alp Gem	1.5800	10200.	73	33959	No
63	GOM_NL__2PRFIN20080828_121758_000000472071_00338_33959_9832.N1	28-AUG-2008 12:17:58	Bright	46.500	170	27Eps Gem	3.0000	9700.0	93	33959	No
64	GOM_NL__2PRFIN20080828_122052_000000502071_00338_33959_9833.N1	28-AUG-2008 12:20:52	Tw_i_and_stray	49.500	44	24Gam Gem	1.9280	11000.	99	33959	No
65	GOM_NL__2PRFIN20080828_122258_000000482071_00338_33959_9834.N1	28-AUG-2008 12:22:58	Twilight	47.500	8	10Alp CMI	0.40000	6500.0	95	33959	No
66	GOM_NL__2PRFIN20080828_123024_000000472071_00338_33959_9835.N1	28-AUG-2008 12:30:24	Dark	47.000	1	9Alp CMA	-1.4400	11000.	94	33959	No
67	GOM_NL__2PRFIN20080828_123146_000000402071_00338_33959_9836.N1	28-AUG-2008 12:31:46	Dark	39.500	179	24Omi2CMA	3.0320	24000.	79	33959	No
68	GOM_NL__2PRFIN20080828_123314_000000432071_00338_33959_9837.N1	28-AUG-2008 12:33:14	Dark	42.500	23	21Eps CMA	1.5020	26000.	85	33959	No
69	GOM_NL__2PRFIN20080828_123454_000000422071_00338_33959_9838.N1	28-AUG-2008 12:34:54	Dark	41.500	117	Pi Pup	2.7060	3800.0	83	33959	No
70	GOM_NL__2PRFIN20080828_124001_000000532071_00338_33959_9839.N1	28-AUG-2008 12:40:01	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33959	No
71	GOM_NL__2PRFIN20080828_125129_000000452071_00339_33960_9831.N1	28-AUG-2008 12:51:29	Dark	44.500	9	Alp Eri	0.45300	24000.	89	33960	No
72	GOM_NL__2PRFIN20080828_125726_000000462071_00339_33960_9832.N1	28-AUG-2008 12:57:26	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	33960	No
73	GOM_NL__2PRFIN20080828_125945_000000402071_00339_33960_9833.N1	28-AUG-2008 12:59:45	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	33960	No
74	GOM_NL__2PRFIN20080828_130349_000000472071_00339_33960_9834.N1	28-AUG-2008 13:03:49	Straylight	47.000	18	24Alp PsA	1.1660	9700.0	94	33960	No
75	GOM_NL__2PRFIN20080828_130846_000000452071_00339_33960_9835.N1	28-AUG-2008 13:08:46	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	33960	No
76	GOM_NL__2PRFIN20080828_131156_000000392071_00339_33960_9836.N1	28-AUG-2008 13:11:56	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33960	No
77	GOM_NL__2PRFIN20080828_131330_000000402071_00339_33960_9837.N1	28-AUG-2008 13:13:30	Bright	40.000	162	34Alp Aqr	2.9440	5350.0	80	33960	No
78	GOM_NL__2PRFIN20080828_131631_000000382071_00339_33960_9838.N1	28-AUG-2008 13:16:31	Bright	38.000	61	8Eps Peg	2.1000	3900.0	76	33960	No
79	GOM_NL__2PRFIN20080828_132319_000000372071_00339_33960_9839.N1	28-AUG-2008 13:23:19	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	33960	No
80	GOM_NL__2PRFIN20080828_132508_000000372071_00339_33960_9840.N1	28-AUG-2008 13:25:08	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	33960	No
81	GOM_NL__2PRFIN20080828_132630_000000382071_00339_33960_9841.N1	28-AUG-2008 13:26:30	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	33960	No
82	GOM_NL__2PRFIN20080828_133908_000000342071_00339_33960_9842.N1	28-AUG-2008 13:39:08	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33960	No
83	GOM_NL__2PRFIN20080828_135559_000000362071_00339_33960_9843.N1	28-AUG-2008 13:55:59	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	33960	No
84	GOM_NL__2PRFIN20080828_135834_000000482071_00339_33960_9844.N1	28-AUG-2008 13:58:34	Bright	48.000	170	27Eps Gem	3.0000	9700.0	96	33960	No
85	GOM_NL__2PRFIN20080828_140128_000000452071_00339_33960_9845.N1	28-AUG-2008 14:01:28	Tw_i_and_stray	44.500	44	24Gam Gem	1.9280	11000.	89	33960	No
86	GOM_NL__2PRFIN20080828_140334_000000422071_00339_33960_9846.N1	28-AUG-2008 14:03:34	Twilight	42.000	8	10Alp CMI	0.40000	6500.0	84	33960	No
87	GOM_NL__2PRFIN20080828_141100_000000502071_00339_33960_9847.N1	28-AUG-2008 14:11:00	Dark	49.500	1	9Alp CMA	-1.4400	11000.	99	33960	No
88	GOM_NL__2PRFIN20080828_141222_000000402071_00339_33960_9848.N1	28-AUG-2008 14:12:22	Dark	39.500	179	24Omi2CMA	3.0320	24000.	79	33960	No
89	GOM_NL__2PRFIN20080828_141350_000000382071_00339_33960_9849.N1	28-AUG-2008 14:13:50	Dark	38.000	23	21Eps CMA	1.5020	26000.	76	33960	No
90	GOM_NL__2PRFIN20080828_141531_000000382071_00339_33960_9850.N1	28-AUG-2008 14:15:31	Dark	37.500	117	Pi Pup	2.7060	3800.0	75	33960	No
91	GOM_NL__2PRFIN20080828_142038_000000492071_00339_33960_9851.N1	28-AUG-2008 14:20:38	Dark	49.000	2	Alp Car	-0.73600	7000.0	98	33960	No
92	GOM_NL__2PRFIN20080828_143205_000000452071_00340_33961_9855.N1	28-AUG-2008 14:32:05	Dark	44.500	9	Alp Eri	0.45300	24000.	89	33961	No
93	GOM_NL__2PRFIN20080828_143803_000000462071_00340_33961_9856.N1	28-AUG-2008 14:38:03	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	33961	No
94	GOM_NL__2PRFIN20080828_144022_000000382071_00340_33961_9857.N1	28-AUG-2008 14:40:22	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	33961	No
95	GOM_NL__2PRFIN20080828_144425_000000462071_00340_33961_9858.N1	28-AUG-2008 14:44:25	Straylight	46.000	18	24Alp PsA	1.1660	9700.0	92	33961	No
96	GOM_NL__2PRFIN20080828_144922_000000432071_00340_33961_9859.N1	28-AUG-2008 14:49:22	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	33961	No
97	GOM_NL__2PRFIN20080828_145233_000000382071_00340_33961_9860.N1	28-AUG-2008 14:52:33	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	33961	No
98	GOM_NL__2PRFIN20080828_145406_000000412071_00340_33961_9861.N1	28-AUG-2008 14:54:06	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	33961	No
99	GOM_NL__2PRFIN20080828_145707_000000402071_00340_33961_9862.N1	28-AUG-2008 14:57:07	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	33961	No
100	GOM_NL__2PRFIN20080828_150355_000000372071_00340_33961_9863.N1	28-AUG-2008 15:03:55	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	33961	No
101	GOM_NL__2PRFIN20080828_150544_000000362071_00340_33961_9864.N1	28-AUG-2008 15:05:44	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	33961	No

102	GOM_NL__2PRFIN20080828_150706_000000522071_00340_33961_9865.N1	28-AUG-2008 15:07:06	Bright	52.000	19	50Alp Cyg	1.2460	10500.	104	33961	No
103	GOM_NL__2PRFIN20080828_151209_000000372071_00340_33961_9866.N1	28-AUG-2008 15:12:09	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	33961	No
104	GOM_NL__2PRFIN20080828_151944_000000362071_00340_33961_9867.N1	28-AUG-2008 15:19:44	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33961	No
105	GOM_NL__2PRFIN20080828_153635_000000382071_00340_33961_9868.N1	28-AUG-2008 15:36:35	Bright	37.500	24	66Alp Gem	1.5800	10200.	75	33961	No
106	GOM_NL__2PRFIN20080828_153910_000000602071_00340_33961_9869.N1	28-AUG-2008 15:39:10	Bright	60.000	170	27Eps Gem	3.0000	9700.0	120	33961	No
107	GOM_NL__2PRFIN20080828_154204_000000492071_00340_33961_9870.N1	28-AUG-2008 15:42:04	Twilight	48.500	44	24Gam Gem	1.9280	11000.	97	33961	No
108	GOM_NL__2PRFIN20080828_154410_000000492071_00340_33961_9871.N1	28-AUG-2008 15:44:10	Twilight	49.000	8	10Alp CMi	0.40000	6500.0	98	33961	No
109	GOM_NL__2PRFIN20080828_155137_000000522071_00340_33961_9872.N1	28-AUG-2008 15:51:37	Dark	52.000	1	9Alp CMa	-1.4400	11000.	104	33961	No
110	GOM_NL__2PRFIN20080828_155259_000000402071_00340_33961_9873.N1	28-AUG-2008 15:52:59	Dark	39.500	179	24Omi2CMa	3.0320	24000.	79	33961	No
111	GOM_NL__2PRFIN20080828_155427_000000422071_00340_33961_9874.N1	28-AUG-2008 15:54:27	Dark	42.000	23	21Eps CMa	1.5020	26000.	84	33961	No
112	GOM_NL__2PRFIN20080828_155607_000000422071_00340_33961_9875.N1	28-AUG-2008 15:56:07	Dark	42.000	117	Pi Pup	2.7060	3800.0	84	33961	No
113	GOM_NL__2PRFIN20080828_160114_000000522071_00340_33961_9876.N1	28-AUG-2008 16:01:14	Dark	52.000	2	Alp Car	-0.73600	7000.0	104	33961	No
114	GOM_NL__2PRFIN20080828_161242_000000442071_00341_33962_9867.N1	28-AUG-2008 16:12:42	Dark	44.000	9	Alp Eri	0.45300	24000.	88	33962	No
115	GOM_NL__2PRFIN20080828_161840_000000462071_00341_33962_9868.N1	28-AUG-2008 16:18:40	Straylight	46.000	84	Alp Phe	2.3970	4500.0	92	33962	No
116	GOM_NL__2PRFIN20080828_162058_000000432071_00341_33962_9869.N1	28-AUG-2008 16:20:58	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	33962	No
117	GOM_NL__2PRFIN20080828_162502_000000482071_00341_33962_9870.N1	28-AUG-2008 16:25:02	Straylight	47.500	18	24Alp PsA	1.1660	9700.0	95	33962	No
118	GOM_NL__2PRFIN20080828_162958_000000422071_00341_33962_9871.N1	28-AUG-2008 16:29:58	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	33962	No
119	GOM_NL__2PRFIN20080828_163308_000000392071_00341_33962_9872.N1	28-AUG-2008 16:33:08	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33962	No
120	GOM_NL__2PRFIN20080828_163442_000000412071_00341_33962_9873.N1	28-AUG-2008 16:34:42	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	33962	No
121	GOM_NL__2PRFIN20080828_163743_000000402071_00341_33962_9874.N1	28-AUG-2008 16:37:43	Bright	40.000	61	8Eps Peg	2.1000	3900.0	80	33962	No
122	GOM_NL__2PRFIN20080828_164431_000000372071_00341_33962_9875.N1	28-AUG-2008 16:44:31	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	33962	No
123	GOM_NL__2PRFIN20080828_164620_000000372071_00341_33962_9876.N1	28-AUG-2008 16:46:20	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	33962	No
124	GOM_NL__2PRFIN20080828_164742_000000372071_00341_33962_9877.N1	28-AUG-2008 16:47:42	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	33962	No
125	GOM_NL__2PRFIN20080828_165245_000000362071_00341_33962_9878.N1	28-AUG-2008 16:52:45	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	33962	No
126	GOM_NL__2PRFIN20080828_170020_000000352071_00341_33962_9879.N1	28-AUG-2008 17:00:20	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	33962	No
127	GOM_NL__2PRFIN20080828_171711_000000352071_00341_33962_9880.N1	28-AUG-2008 17:17:11	Bright	34.500	24	66Alp Gem	1.5800	10200.	69	33962	No
128	GOM_NL__2PRFIN20080828_171946_000000492071_00341_33962_9881.N1	28-AUG-2008 17:19:46	Bright	48.500	170	27Eps Gem	3.0000	9700.0	97	33962	No
129	GOM_NL__2PRFIN20080828_172241_000000492071_00341_33962_9882.N1	28-AUG-2008 17:22:41	Twilight	48.500	44	24Gam Gem	1.9280	11000.	97	33962	No
130	GOM_NL__2PRFIN20080828_172447_000000462071_00341_33962_9883.N1	28-AUG-2008 17:24:47	Twilight	45.500	8	10Alp CMi	0.40000	6500.0	91	33962	No
131	GOM_NL__2PRFIN20080828_173214_000000552071_00341_33962_9884.N1	28-AUG-2008 17:32:14	Dark	54.500	1	9Alp CMa	-1.4400	11000.	109	33962	No
132	GOM_NL__2PRFIN20080828_173335_000000402071_00341_33962_9885.N1	28-AUG-2008 17:33:35	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	33962	No
133	GOM_NL__2PRFIN20080828_173503_000000422071_00341_33962_9886.N1	28-AUG-2008 17:35:03	Dark	41.500	23	21Eps CMa	1.5020	26000.	83	33962	No
134	GOM_NL__2PRFIN20080828_173643_000000432071_00341_33962_9887.N1	28-AUG-2008 17:36:43	Dark	42.500	117	Pi Pup	2.7060	3800.0	85	33962	No
135	GOM_NL__2PRFIN20080828_174151_000000512071_00341_33962_9888.N1	28-AUG-2008 17:41:51	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	33962	No
136	GOM_NL__2PRFIN20080828_175318_000000512071_00342_33963_9874.N1	28-AUG-2008 17:53:18	Dark	50.500	9	Alp Eri	0.45300	24000.	101	33963	No
137	GOM_NL__2PRFIN20080828_175916_000000492071_00342_33963_9875.N1	28-AUG-2008 17:59:16	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	33963	No
138	GOM_NL__2PRFIN20080828_180134_000000392071_00342_33963_9876.N1	28-AUG-2008 18:01:34	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	33963	No
139	GOM_NL__2PRFIN20080828_180538_000000512071_00342_33963_9877.N1	28-AUG-2008 18:05:38	Straylight	50.500	18	24Alp PsA	1.1660	9700.0	101	33963	No
140	GOM_NL__2PRFIN20080828_181034_000000412071_00342_33963_9878.N1	28-AUG-2008 18:10:34	Bright	40.500	142	49Del Cap	2.8500	8900.0	81	33963	No
141	GOM_NL__2PRFIN20080828_181345_000000392071_00342_33963_9879.N1	28-AUG-2008 18:13:45	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33963	No
142	GOM_NL__2PRFIN20080828_181518_000000412071_00342_33963_9880.N1	28-AUG-2008 18:15:18	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	33963	No
143	GOM_NL__2PRFIN20080828_181819_000000392071_00342_33963_9881.N1	28-AUG-2008 18:18:19	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	33963	No
144	GOM_NL__2PRFIN20080828_182507_000000362071_00342_33963_9882.N1	28-AUG-2008 18:25:07	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	33963	No
145	GOM_NL__2PRFIN20080828_182656_000000362071_00342_33963_9883.N1	28-AUG-2008 18:26:56	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	33963	No
146	GOM_NL__2PRFIN20080828_182818_000000362071_00342_33963_9884.N1	28-AUG-2008 18:28:18	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	33963	No
147	GOM_NL__2PRFIN20080828_183321_000000362071_00342_33963_9885.N1	28-AUG-2008 18:33:21	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	33963	No
148	GOM_NL__2PRFIN20080828_184056_000000362071_00342_33963_9886.N1	28-AUG-2008 18:40:56	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33963	No
149	GOM_NL__2PRFIN20080828_185747_000000372071_00342_33963_9887.N1	28-AUG-2008 18:57:47	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	33963	No
150	GOM_NL__2PRFIN20080828_190023_000000452071_00342_33963_9888.N1	28-AUG-2008 19:00:23	Bright	44.500	170	27Eps Gem	3.0000	9700.0	89	33963	No
151	GOM_NL__2PRFIN20080828_190317_000000512071_00342_33963_9889.N1	28-AUG-2008 19:03:17	Twilight	50.500	44	24Gam Gem	1.9280	11000.	101	33963	No
152	GOM_NL__2PRFIN20080828_190523_000000422071_00342_33963_9890.N1	28-AUG-2008 19:05:23	Twilight	41.500	8	10Alp CMi	0.40000	6500.0	83	33963	No
153	GOM_NL__2PRFIN20080828_191250_000000542071_00342_33963_9891.N1	28-AUG-2008 19:12:50	Dark	54.000	1	9Alp CMa	-1.4400	11000.	108	33963	No
154	GOM_NL__2PRFIN20080828_191411_000000382071_00342_33963_9892.N1	28-AUG-2008 19:14:11	Dark	38.000	179	24Omi2CMa	3.0320	24000.	76	33963	No
155	GOM_NL__2PRFIN20080828_191540_000000432071_00342_33963_9893.N1	28-AUG-2008 19:15:40	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	33963	No
156	GOM_NL__2PRFIN20080828_191720_000000462071_00342_33963_9894.N1	28-AUG-2008 19:17:20	Dark	46.000	117	Pi Pup	2.7060	3800.0	92	33963	No
157	GOM_NL__2PRFIN20080828_192227_000000532071_00342_33963_9895.N1	28-AUG-2008 19:22:27	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	33963	No
158	GOM_NL__2PRFIN20080828_193355_000000462071_00343_33964_9887.N1	28-AUG-2008 19:33:55	Dark	46.000	9	Alp Eri	0.45300	24000.	92	33964	No
159	GOM_NL__2PRFIN20080828_193953_000000522071_00343_33964_9888.N1	28-AUG-2008 19:39:53	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	33964	No
160	GOM_NL__2PRFIN20080828_194210_000000402071_00343_33964_9889.N1	28-AUG-2008 19:42:10	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	33964	No

161	GOM_NL__2PRFIN20080828_194614_000000492071_00343_33964_9890.N1	28-AUG-2008 19:46:14	Straylight	49.000	18	24Alp PsA	1.1660	9700.0	98	33964	No
162	GOM_NL__2PRFIN20080828_195110_000000422071_00343_33964_9891.N1	28-AUG-2008 19:51:10	Bright	41.500	142	49Del Cap	2.8500	8900.0	83	33964	No
163	GOM_NL__2PRFIN20080828_195421_000000382071_00343_33964_9892.N1	28-AUG-2008 19:54:21	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	33964	No
164	GOM_NL__2PRFIN20080828_195554_000000412071_00343_33964_9893.N1	28-AUG-2008 19:55:54	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	33964	No
165	GOM_NL__2PRFIN20080828_195855_000000402071_00343_33964_9894.N1	28-AUG-2008 19:58:55	Bright	39.500	61	8Eps Peg	2.1000	3900.0	79	33964	No
166	GOM_NL__2PRFIN20080828_200543_000000382071_00343_33964_9895.N1	28-AUG-2008 20:05:43	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	33964	No
167	GOM_NL__2PRFIN20080828_200732_000000372071_00343_33964_9896.N1	28-AUG-2008 20:07:32	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	33964	No
168	GOM_NL__2PRFIN20080828_200854_000000382071_00343_33964_9897.N1	28-AUG-2008 20:08:54	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	33964	No
169	GOM_NL__2PRFIN20080828_201357_000000382071_00343_33964_9898.N1	28-AUG-2008 20:13:57	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	33964	No
170	GOM_NL__2PRFIN20080828_202132_000000372071_00343_33964_9899.N1	28-AUG-2008 20:21:32	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	33964	No
171	GOM_NL__2PRFIN20080828_203823_000000382071_00343_33964_9900.N1	28-AUG-2008 20:38:23	Bright	37.500	24	66Alp Gem	1.5800	10200.	75	33964	No
172	GOM_NL__2PRFIN20080828_204059_000000482071_00343_33964_9901.N1	28-AUG-2008 20:40:59	Bright	47.500	170	27Eps Gem	3.0000	9700.0	95	33964	No
173	GOM_NL__2PRFIN20080828_204353_000000492071_00343_33964_9902.N1	28-AUG-2008 20:43:53	Twilight	48.500	44	24Gam Gem	1.9280	11000.	97	33964	No
174	GOM_NL__2PRFIN20080828_204559_000000442071_00343_33964_9903.N1	28-AUG-2008 20:45:59	Twilight	44.000	8	10Alp CMi	0.40000	6500.0	88	33964	No
175	GOM_NL__2PRFIN20080828_205326_000000472071_00343_33964_9904.N1	28-AUG-2008 20:53:26	Dark	47.000	1	9Alp CMa	-1.4400	11000.	94	33964	No
176	GOM_NL__2PRFIN20080828_205448_000000392071_00343_33964_9905.N1	28-AUG-2008 20:54:48	Dark	38.500	179	24Omi2CMa	3.0320	24000.	77	33964	No
177	GOM_NL__2PRFIN20080828_205616_000000442071_00343_33964_9906.N1	28-AUG-2008 20:56:16	Dark	43.500	23	21Eps CMa	1.5020	26000.	87	33964	No
178	GOM_NL__2PRFIN20080828_205756_000000422071_00343_33964_9907.N1	28-AUG-2008 20:57:56	Dark	42.000	117	Pi Pup	2.7060	3800.0	84	33964	No
179	GOM_NL__2PRFIN20080828_210303_000000462071_00343_33964_9908.N1	28-AUG-2008 21:03:03	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	33964	No
180	GOM_NL__2PRFIN20080828_211431_000000472071_00344_33965_9892.N1	28-AUG-2008 21:14:31	Dark	47.000	9	Alp Eri	0.45300	24000.	94	33965	No
181	GOM_NL__2PRFIN20080828_212029_000000512071_00344_33965_9893.N1	28-AUG-2008 21:20:29	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	33965	No
182	GOM_NL__2PRFIN20080828_212247_000000412071_00344_33965_9894.N1	28-AUG-2008 21:22:47	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	33965	No
183	GOM_NL__2PRFIN20080828_212650_000000492071_00344_33965_9895.N1	28-AUG-2008 21:26:50	Straylight	48.500	18	24Alp PsA	1.1660	9700.0	97	33965	No
184	GOM_NL__2PRFIN20080828_213146_000000412071_00344_33965_9896.N1	28-AUG-2008 21:31:46	Bright	41.000	142	49Del Cap	2.8500	8900.0	82	33965	No
185	GOM_NL__2PRFIN20080828_213457_000000382071_00344_33965_9897.N1	28-AUG-2008 21:34:57	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	33965	No
186	GOM_NL__2PRFIN20080828_213630_000000412071_00344_33965_9898.N1	28-AUG-2008 21:36:30	Bright	40.500	162	34Alp Aqr	2.9440	5350.0	81	33965	No
187	GOM_NL__2PRFIN20080828_213931_000000392071_00344_33965_9899.N1	28-AUG-2008 21:39:31	Bright	38.500	61	8Eps Peg	2.1000	3900.0	77	33965	No
188	GOM_NL__2PRFIN20080828_214619_000000342071_00344_33965_9900.N1	28-AUG-2008 21:46:19	Bright	34.000	92	53Eps Cyg	2.5000	4500.0	68	33965	No
189	GOM_NL__2PRFIN20080828_214808_000000382071_00344_33965_9901.N1	28-AUG-2008 21:48:08	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	33965	No
190	GOM_NL__2PRFIN20080828_214930_000000382071_00344_33965_9902.N1	28-AUG-2008 21:49:30	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	33965	No
191	GOM_NL__2PRFIN20080828_215432_000000372071_00344_33965_9903.N1	28-AUG-2008 21:54:32	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	33965	No
192	GOM_NL__2PRFIN20080828_220208_000000362071_00344_33965_9904.N1	28-AUG-2008 22:02:08	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33965	No
193	GOM_NL__2PRFIN20080828_221859_000000352071_00344_33965_9905.N1	28-AUG-2008 22:18:59	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	33965	No
194	GOM_NL__2PRFIN20080828_222135_000000492071_00344_33965_9906.N1	28-AUG-2008 22:21:35	Bright	48.500	170	27Eps Gem	3.0000	9700.0	97	33965	No
195	GOM_NL__2PRFIN20080828_222429_000000462071_00344_33965_9907.N1	28-AUG-2008 22:24:29	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	33965	No
196	GOM_NL__2PRFIN20080828_222635_000000482071_00344_33965_9908.N1	28-AUG-2008 22:26:35	Twilight	48.000	8	10Alp CMi	0.40000	6500.0	96	33965	No
197	GOM_NL__2PRFIN20080828_223403_000000482071_00344_33965_9909.N1	28-AUG-2008 22:34:03	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	33965	No
198	GOM_NL__2PRFIN20080828_223524_000000402071_00344_33965_9910.N1	28-AUG-2008 22:35:24	Dark	40.000	179	24Omi2CMa	3.0320	24000.	80	33965	No
199	GOM_NL__2PRFIN20080828_223652_000000432071_00344_33965_9911.N1	28-AUG-2008 22:36:52	Dark	43.000	23	21Eps CMa	1.5020	26000.	86	33965	No
200	GOM_NL__2PRFIN20080828_223832_000000482071_00344_33965_9912.N1	28-AUG-2008 22:38:32	Dark	47.500	117	Pi Pup	2.7060	3800.0	95	33965	No
201	GOM_NL__2PRFIN20080828_224339_000000502071_00344_33965_9913.N1	28-AUG-2008 22:43:39	Dark	50.000	2	Alp Car	-0.73600	7000.0	100	33965	No
202	GOM_NL__2PRFIN20080828_225508_000000452071_00345_33966_0013.N1	28-AUG-2008 22:55:08	Dark	45.000	9	Alp Eri	0.45300	24000.	90	33966	No
203	GOM_NL__2PRFIN20080828_230106_000000492071_00345_33966_0014.N1	28-AUG-2008 23:01:06	Straylight	49.000	84	Alp Phe	2.3970	4500.0	98	33966	No
204	GOM_NL__2PRFIN20080828_230323_000000422071_00345_33966_0015.N1	28-AUG-2008 23:03:23	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	33966	No
205	GOM_NL__2PRFIN20080828_230726_000000452071_00345_33966_0016.N1	28-AUG-2008 23:07:26	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	33966	No
206	GOM_NL__2PRFIN20080828_231222_000000422071_00345_33966_0017.N1	28-AUG-2008 23:12:22	Bright	41.500	142	49Del Cap	2.8500	8900.0	83	33966	No
207	GOM_NL__2PRFIN20080828_231533_000000392071_00345_33966_0018.N1	28-AUG-2008 23:15:33	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	33966	No
208	GOM_NL__2PRFIN20080828_231705_000000412071_00345_33966_0019.N1	28-AUG-2008 23:17:05	Bright	41.000	162	34Alp Aqr	2.9440	5350.0	82	33966	No
209	GOM_NL__2PRFIN20080828_232006_000000392071_00345_33966_0020.N1	28-AUG-2008 23:20:06	Bright	39.000	61	8Eps Peg	2.1000	3900.0	78	33966	No
210	GOM_NL__2PRFIN20080828_232654_000000372071_00345_33966_0021.N1	28-AUG-2008 23:26:54	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	33966	No
211	GOM_NL__2PRFIN20080828_232844_000000362071_00345_33966_0022.N1	28-AUG-2008 23:28:44	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	33966	No
212	GOM_NL__2PRFIN20080828_233005_000000352071_00345_33966_0023.N1	28-AUG-2008 23:30:05	Bright	34.500	19	50Alp Cyg	1.2460	10500.	69	33966	No
213	GOM_NL__2PRFIN20080828_233508_000000352071_00345_33966_0024.N1	28-AUG-2008 23:35:08	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	33966	No
214	GOM_NL__2PRFIN20080828_234243_000000362071_00345_33966_0025.N1	28-AUG-2008 23:42:43	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33966	No
215	GOM_NL__2PRFIN20080828_235935_000000402071_00345_33966_0026.N1	28-AUG-2008 23:59:35	Bright	40.000	24	66Alp Gem	1.5800	10200.	80	33966	No

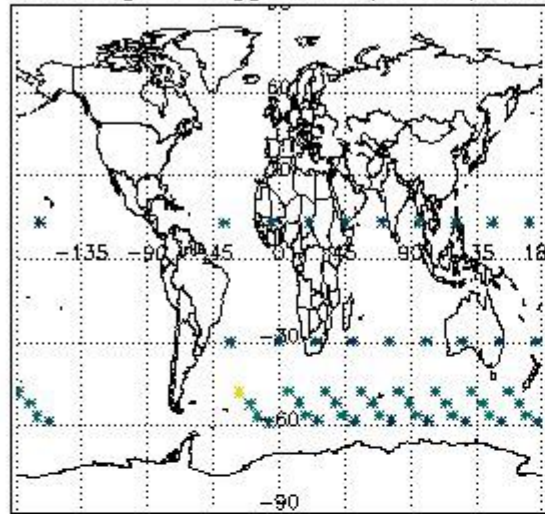
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

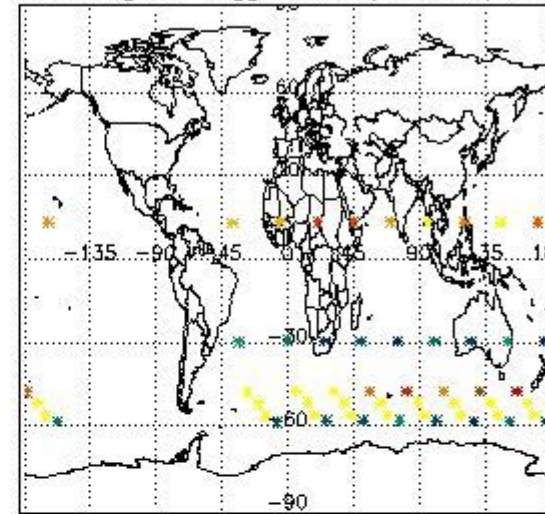


3.2 Plot quality information per product (world map)

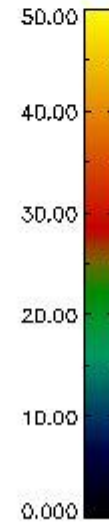
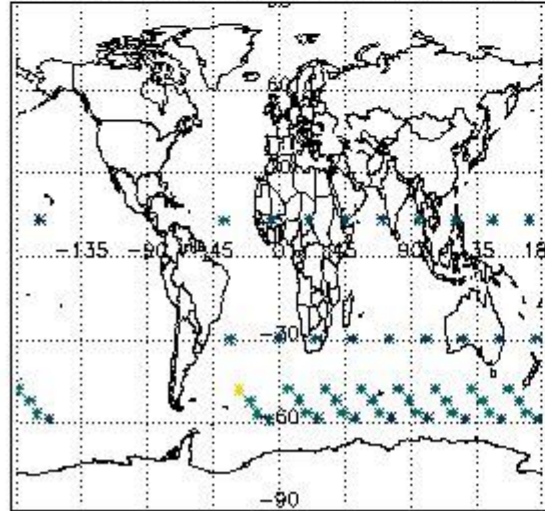
Percentage of flagged data per O3 profile



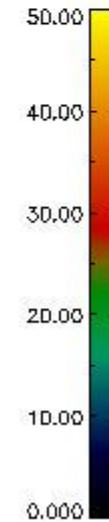
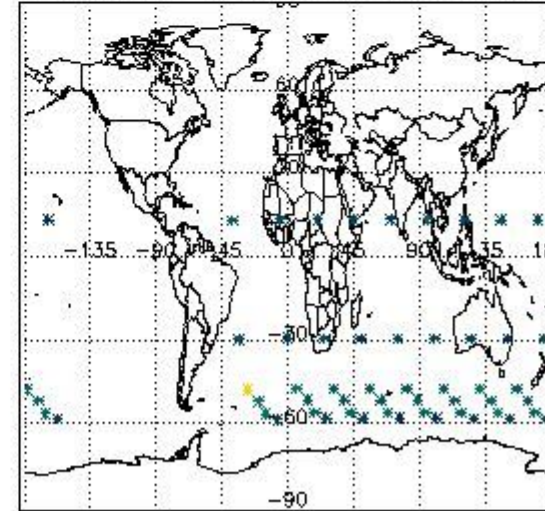
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

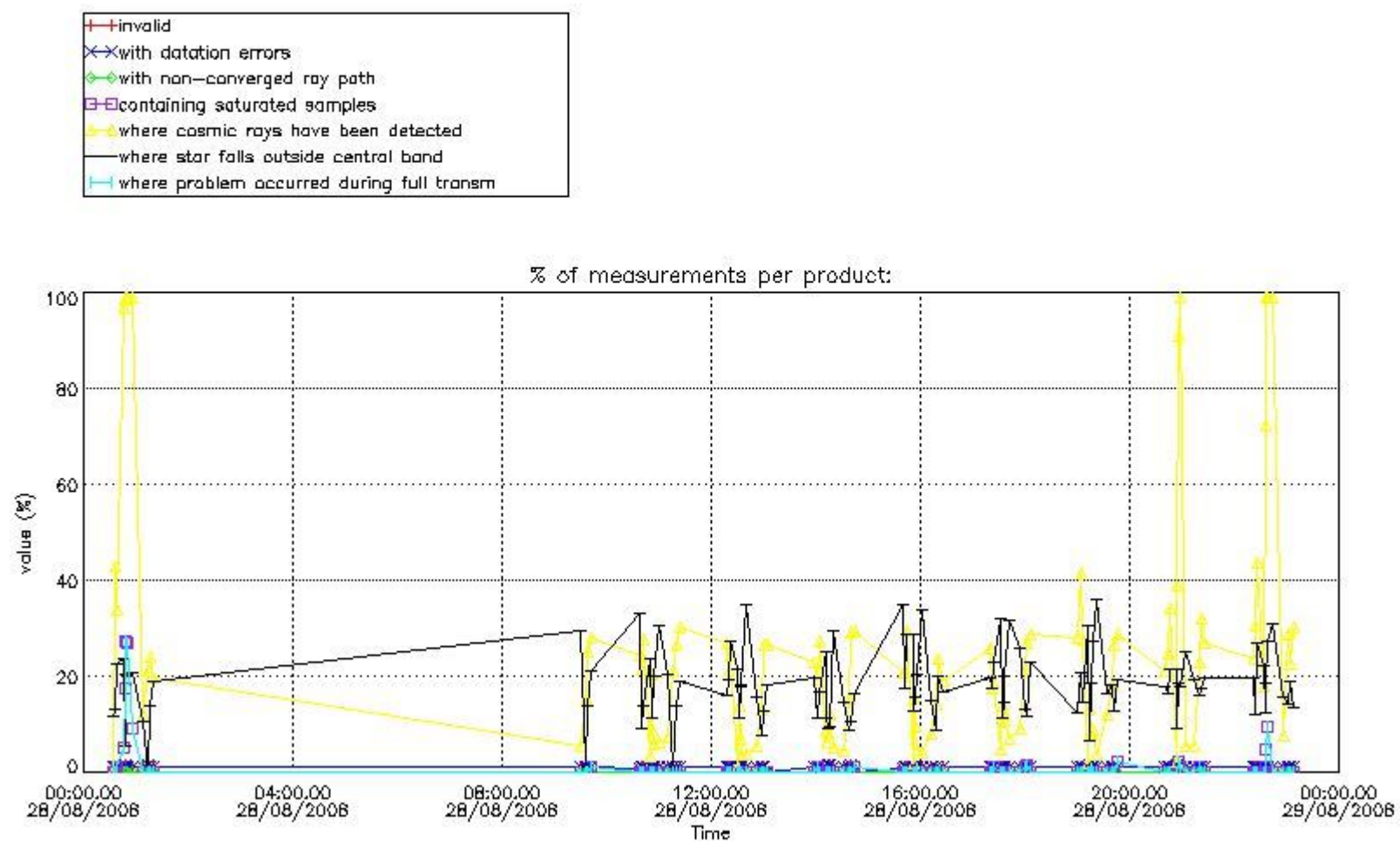


4. Level 1 quality information per product

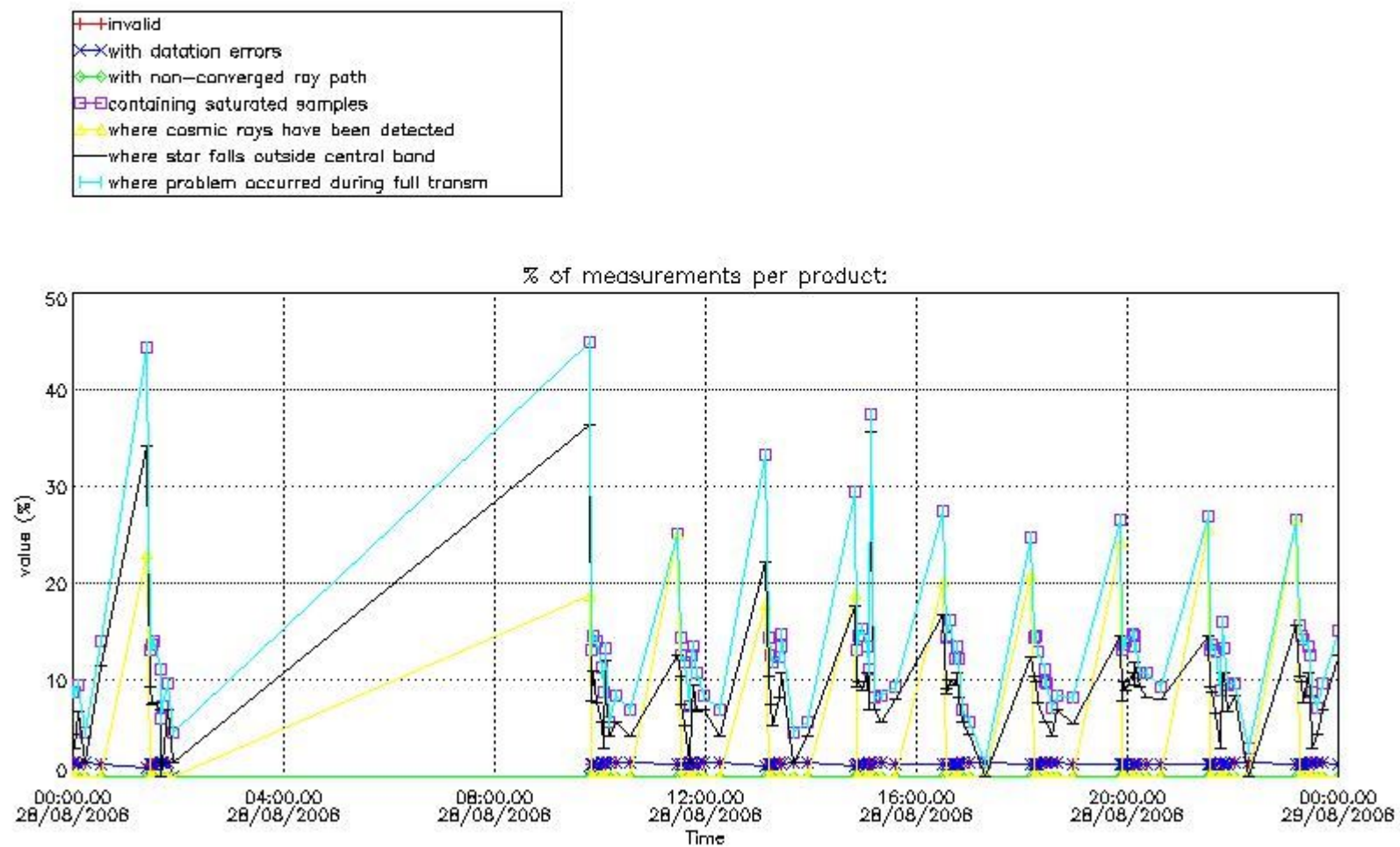
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

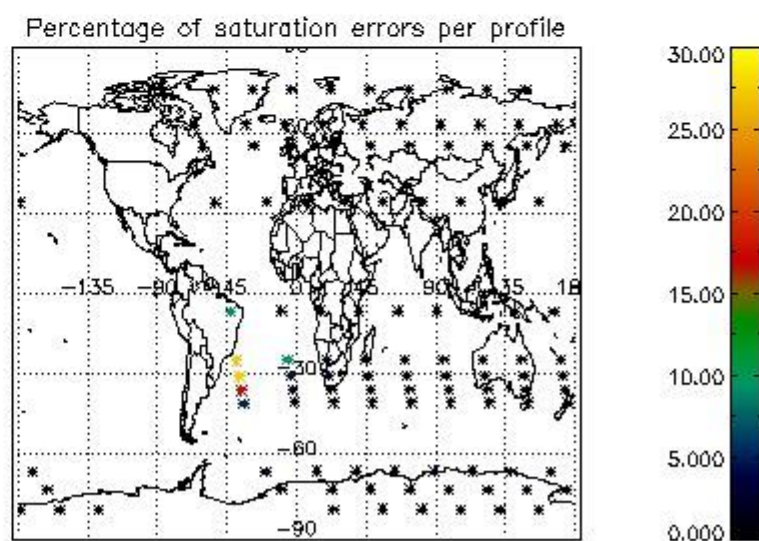
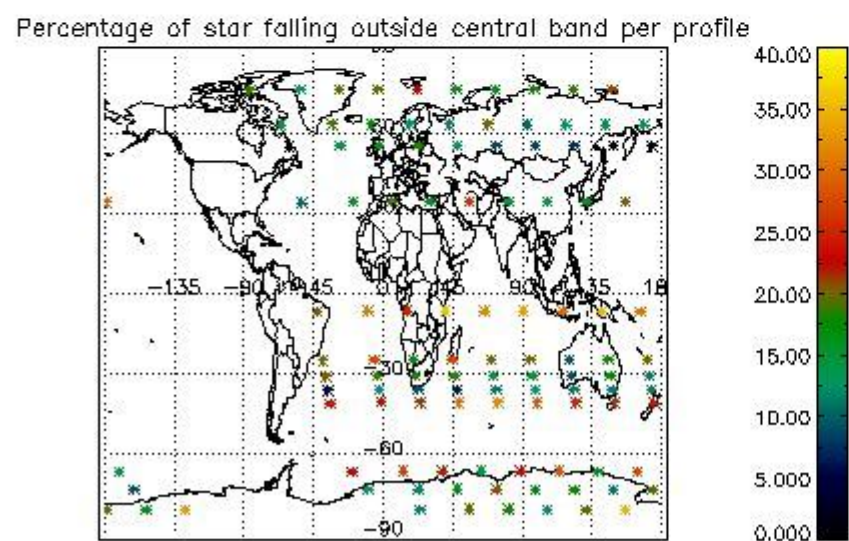
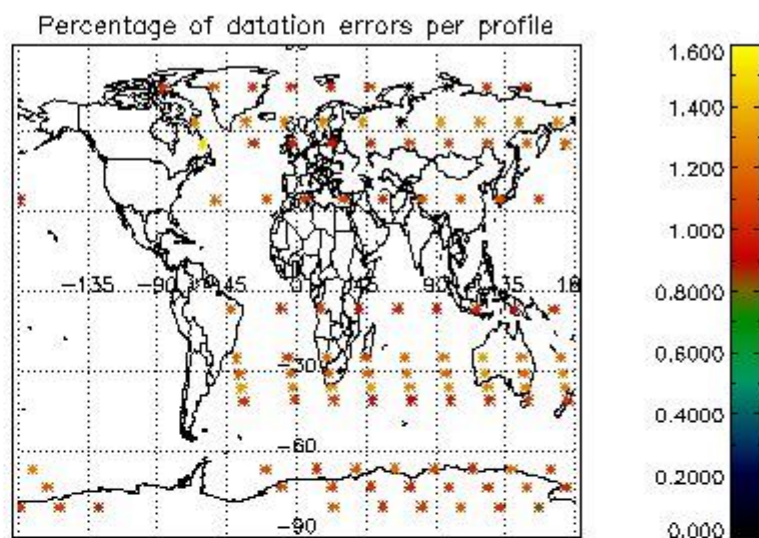
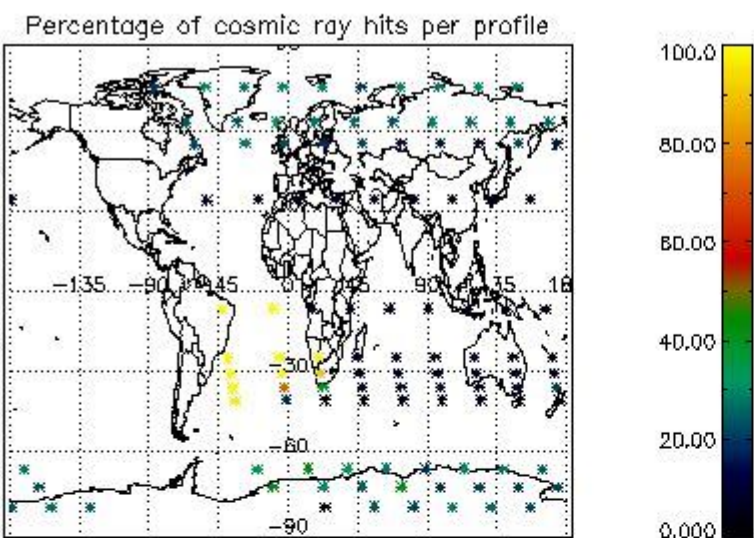


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

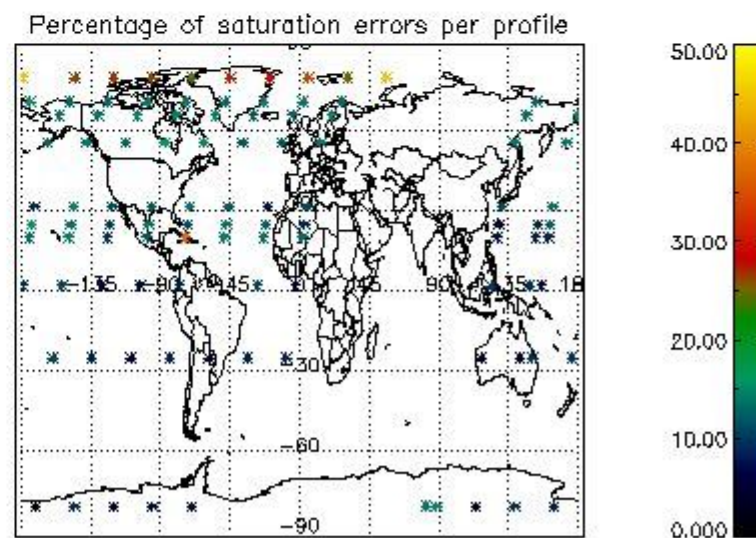
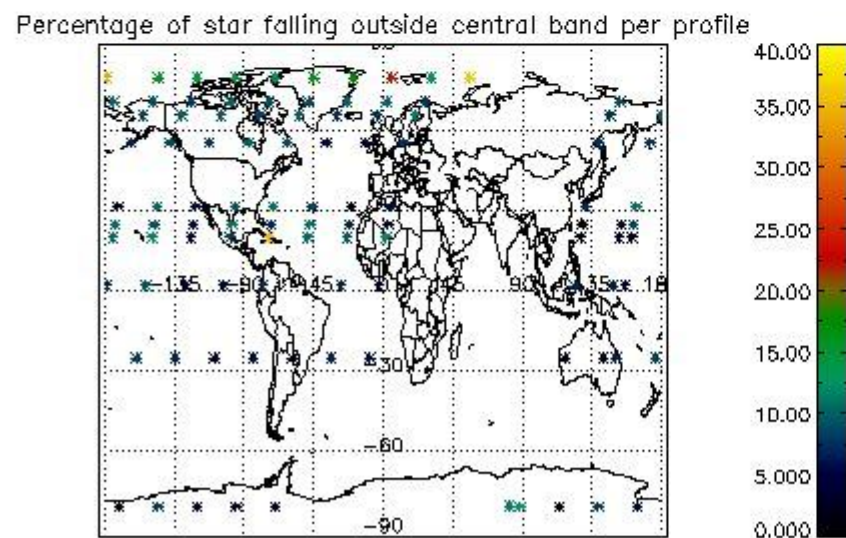
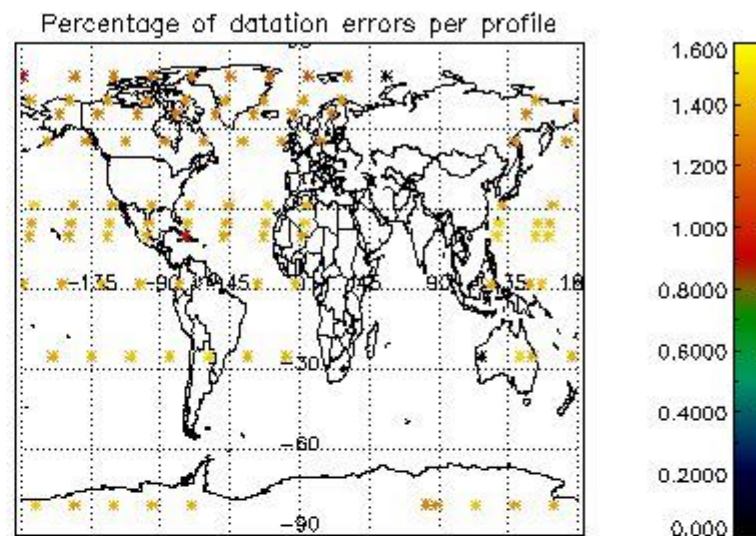
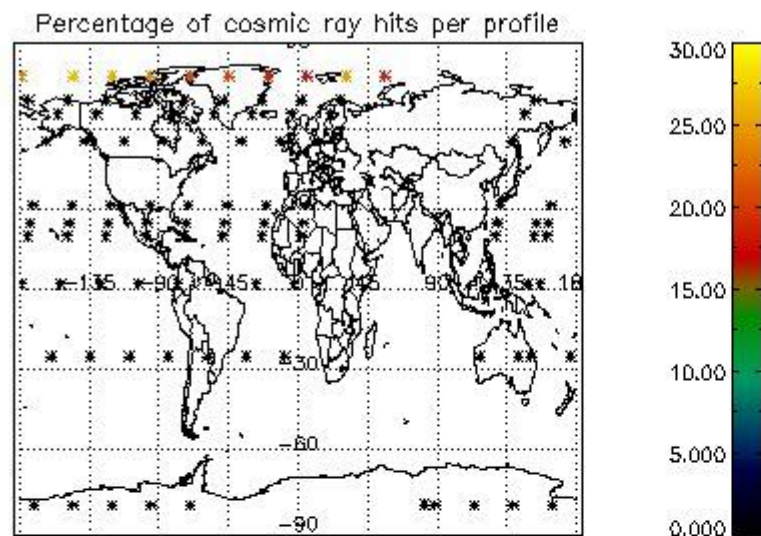


4.2 Plot quality information per product coming from level 1b processing (world map)

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

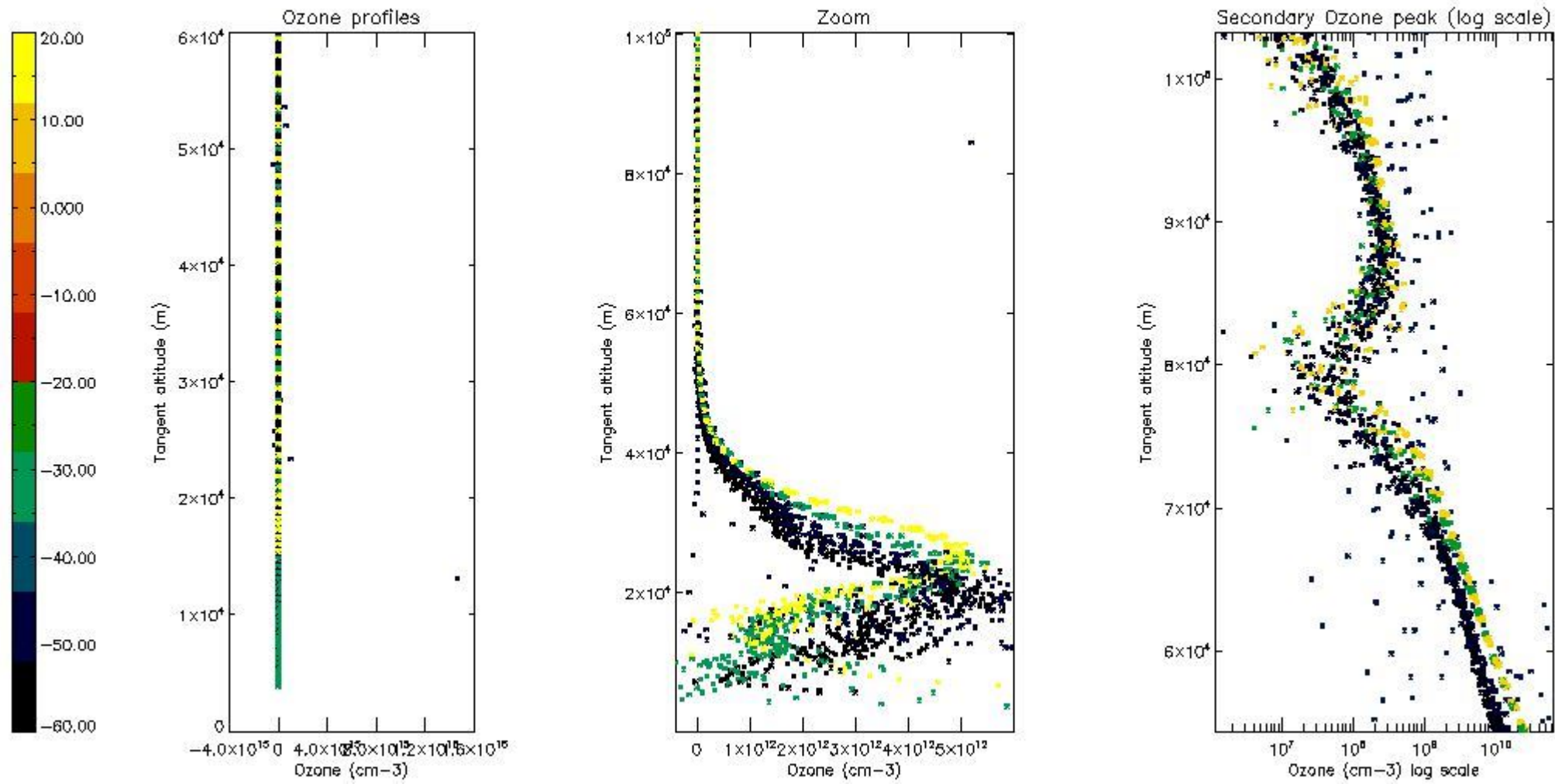
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	18

STD < 10	15
STD < 5	12

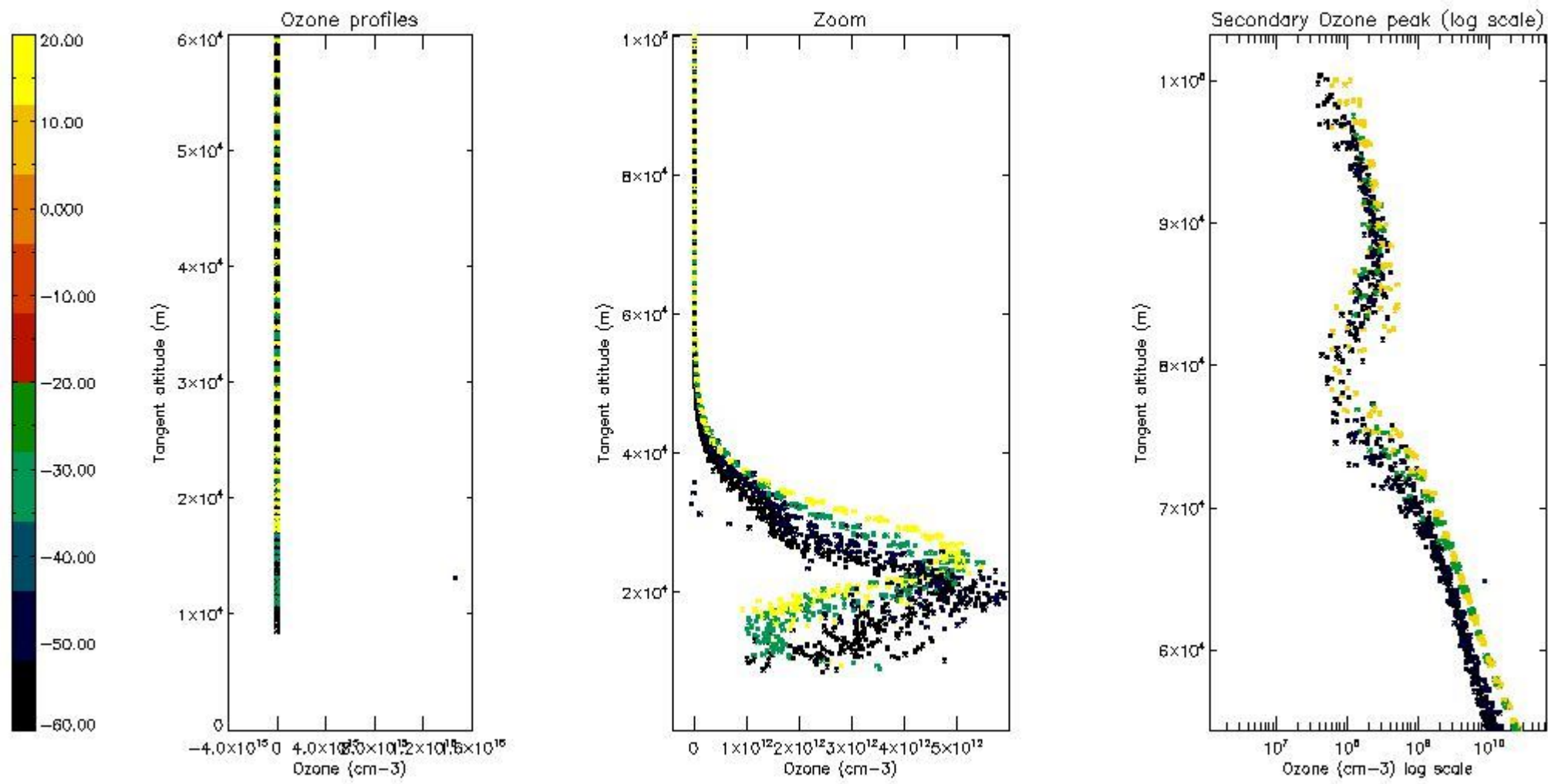
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



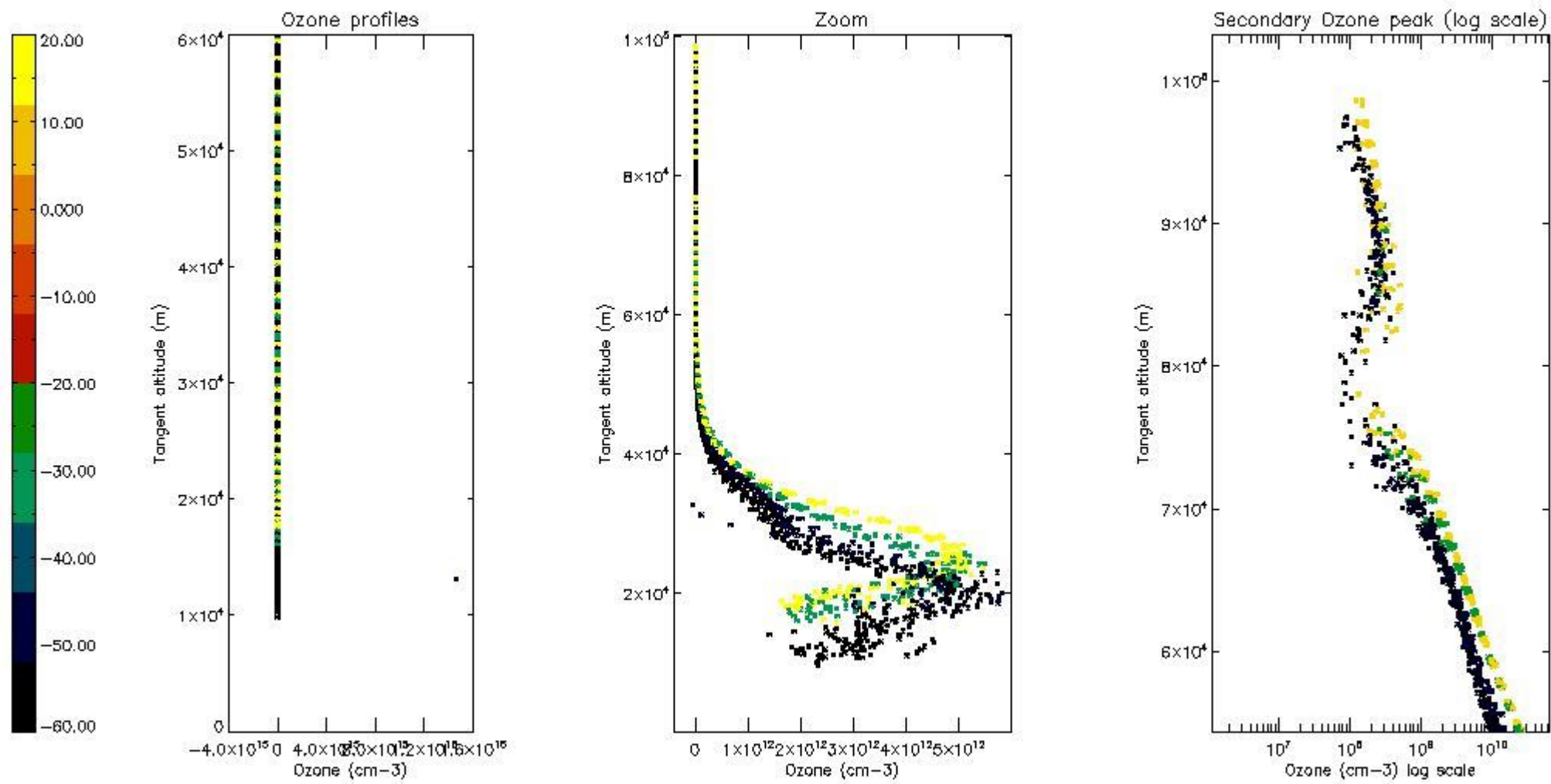
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



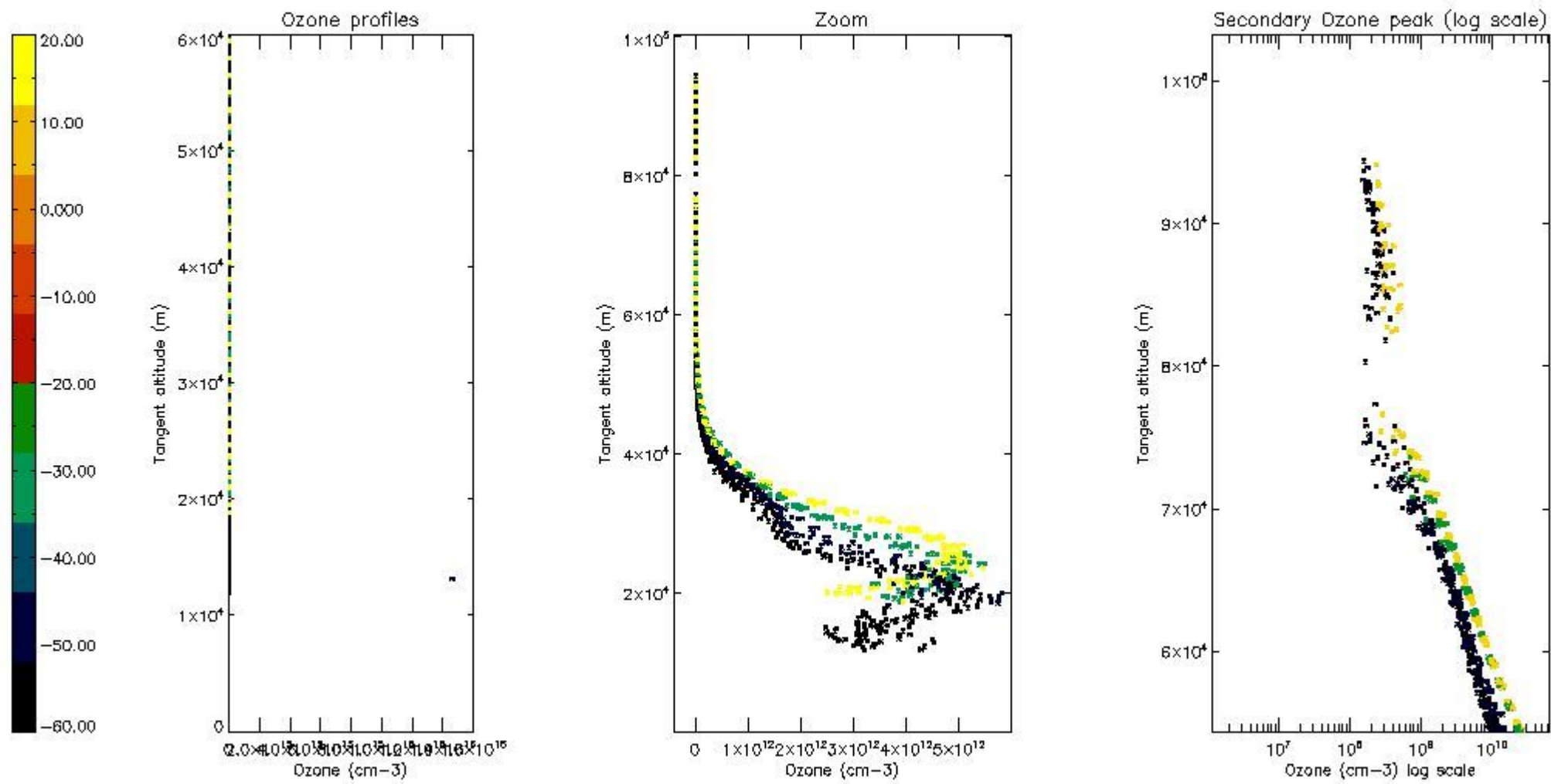
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



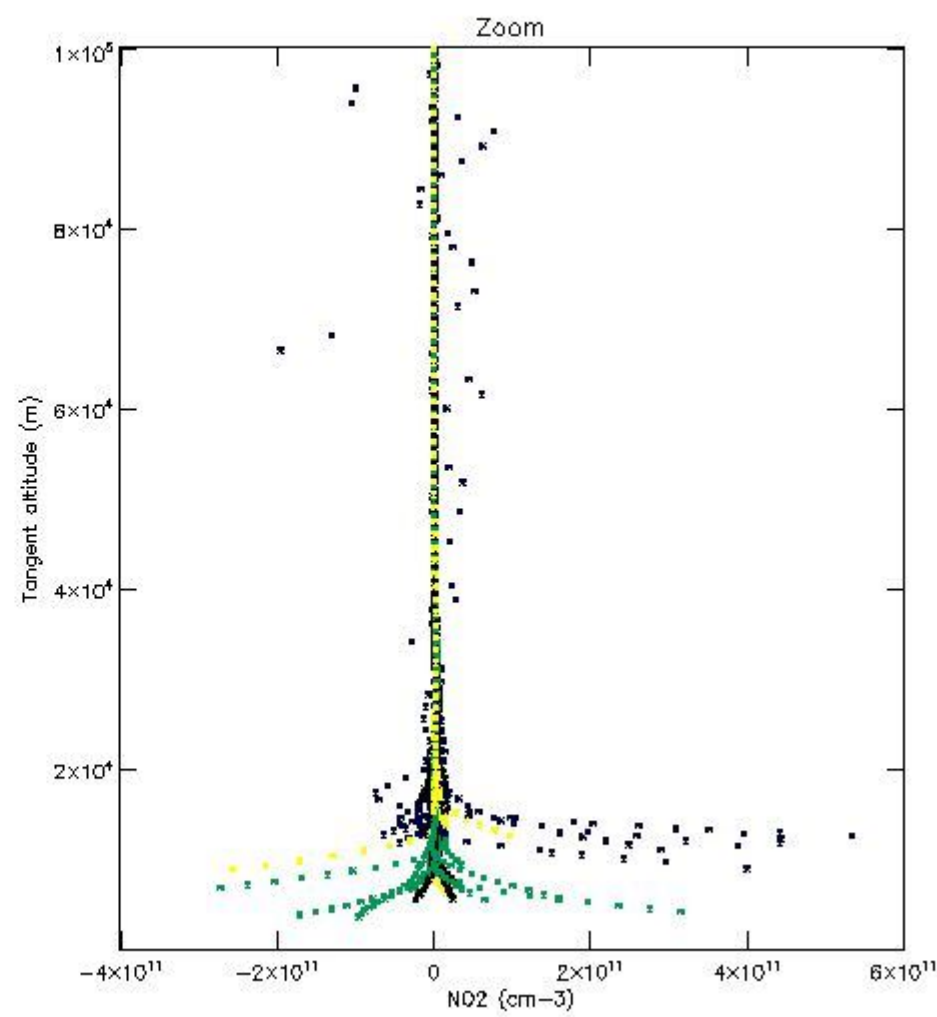
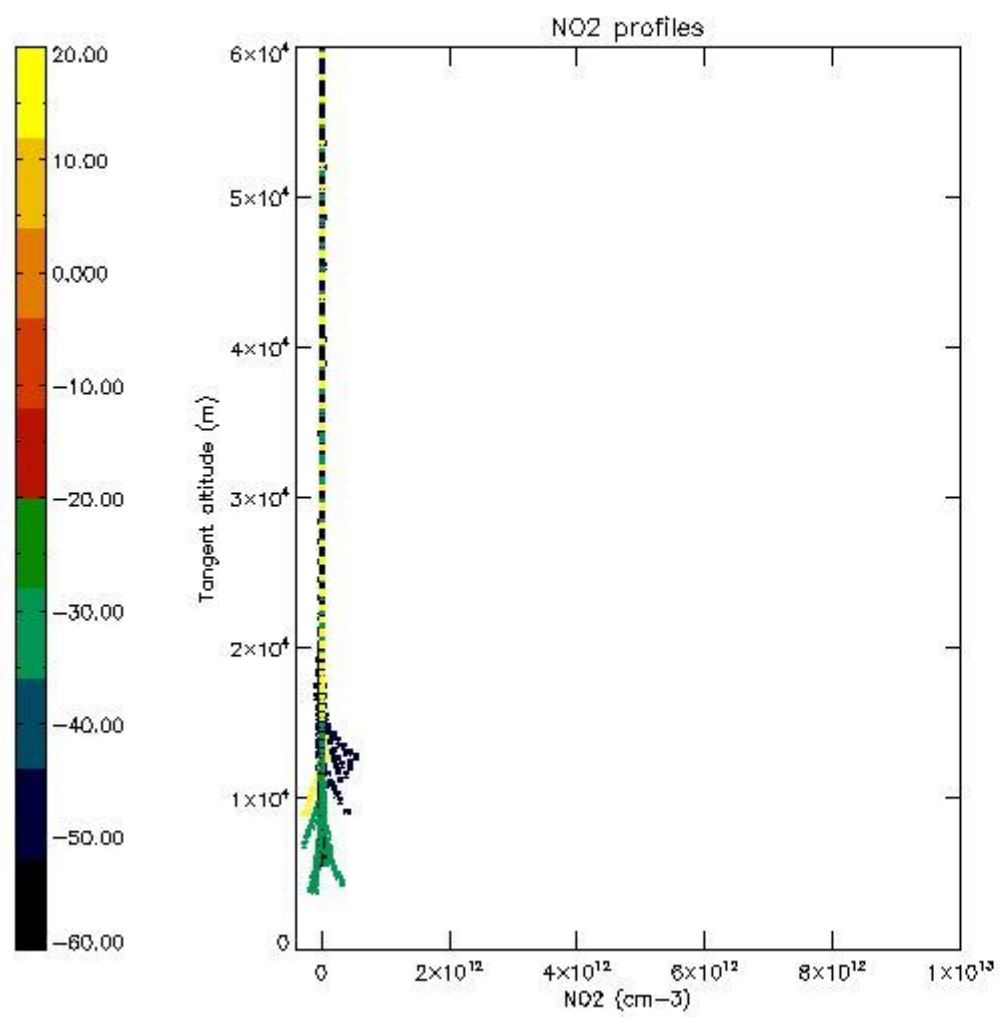
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



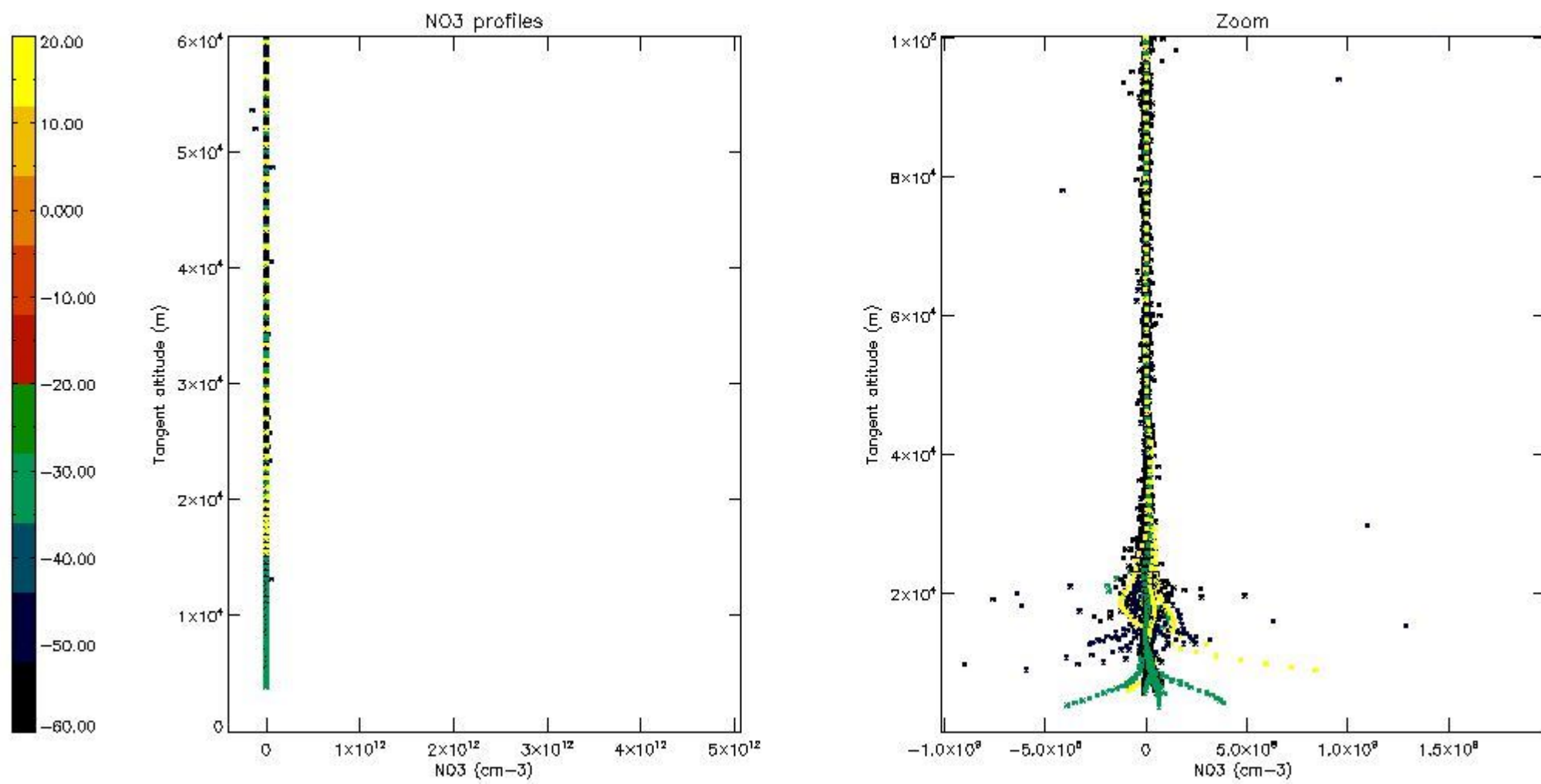
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



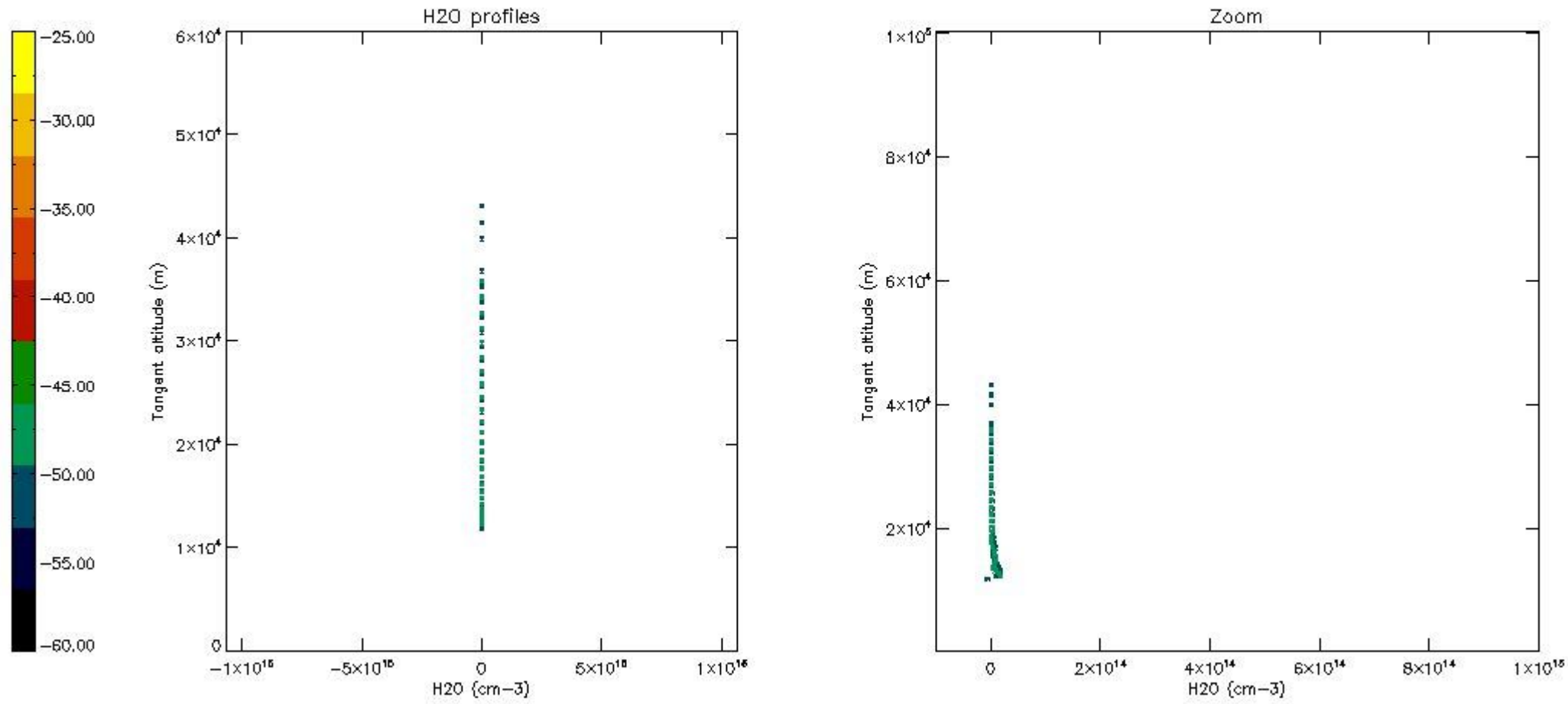
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

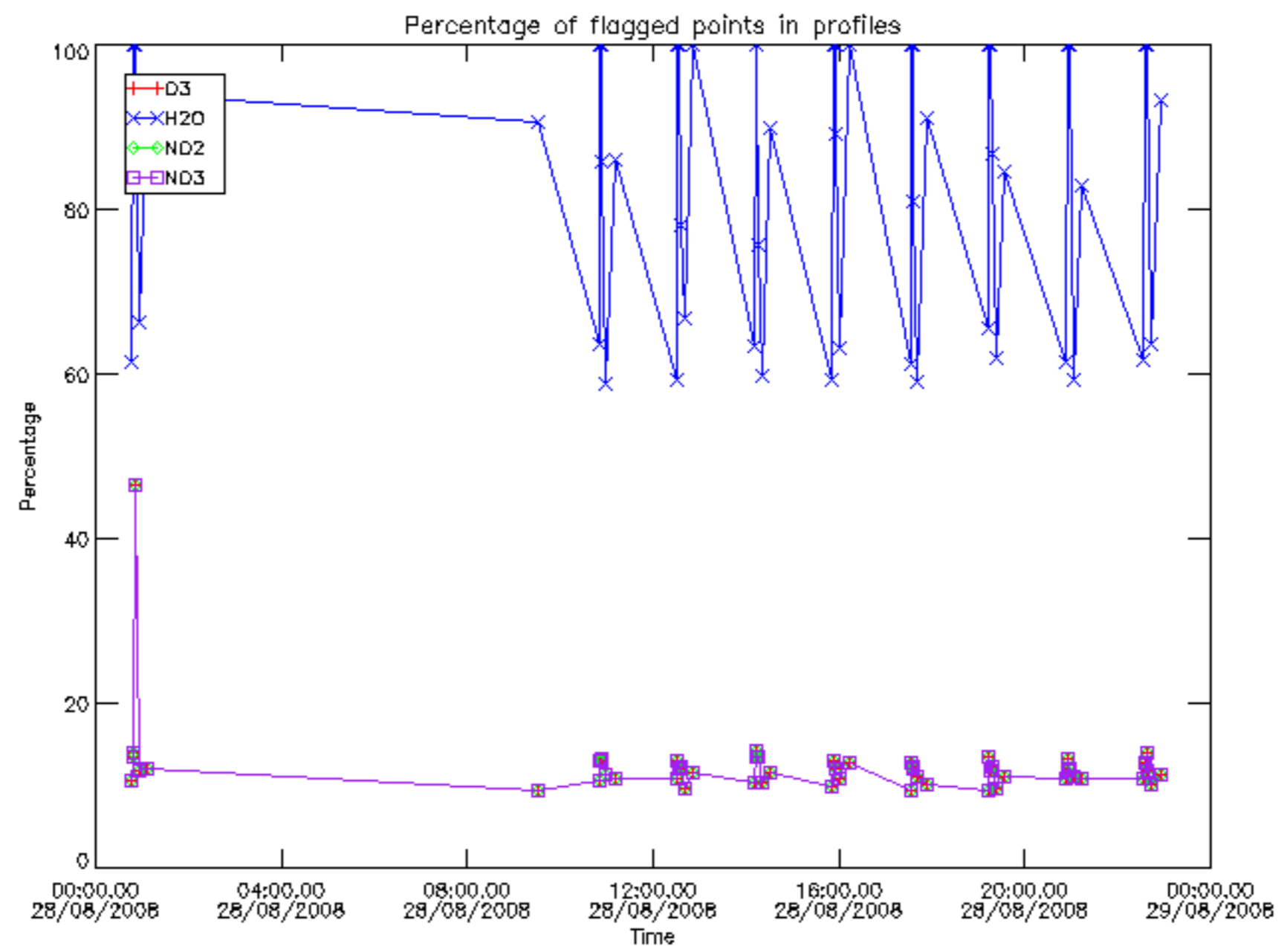
The colorbar represents the latitude.



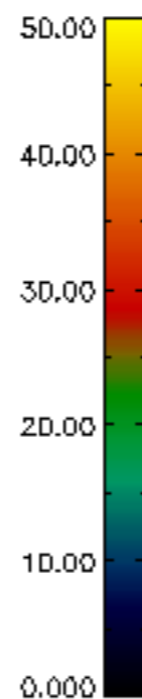
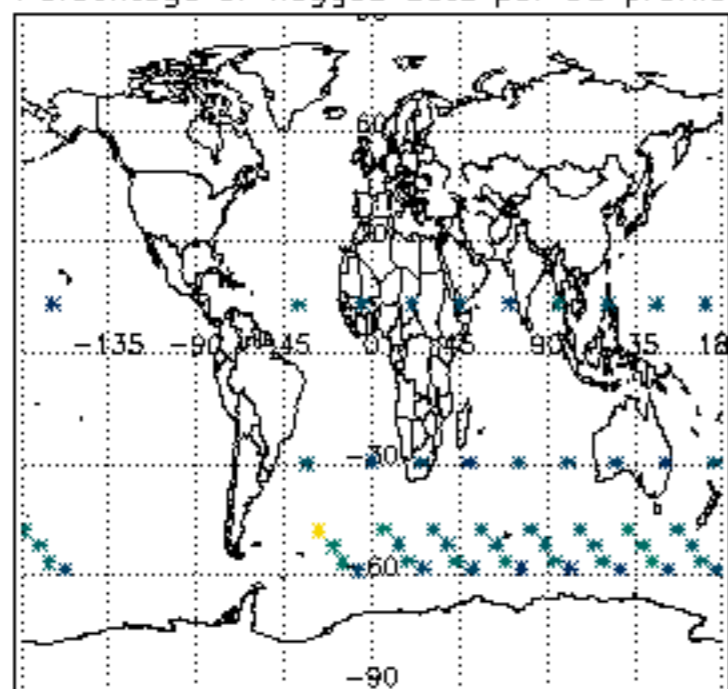
6. Auxiliary Data Files used for the production reported in section 2

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

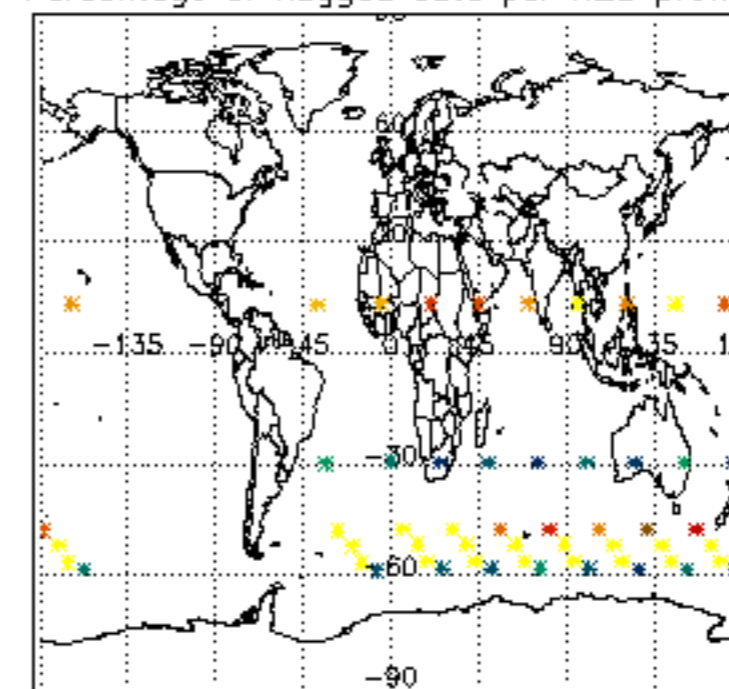
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	28-AUG-2008 00:00:20
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	28-AUG-2008 00:00:20
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	28-AUG-2008 00:00:20



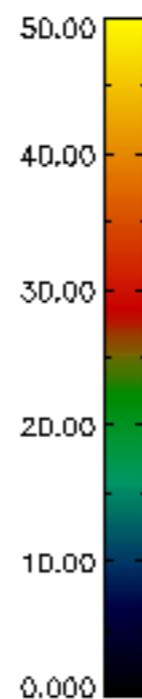
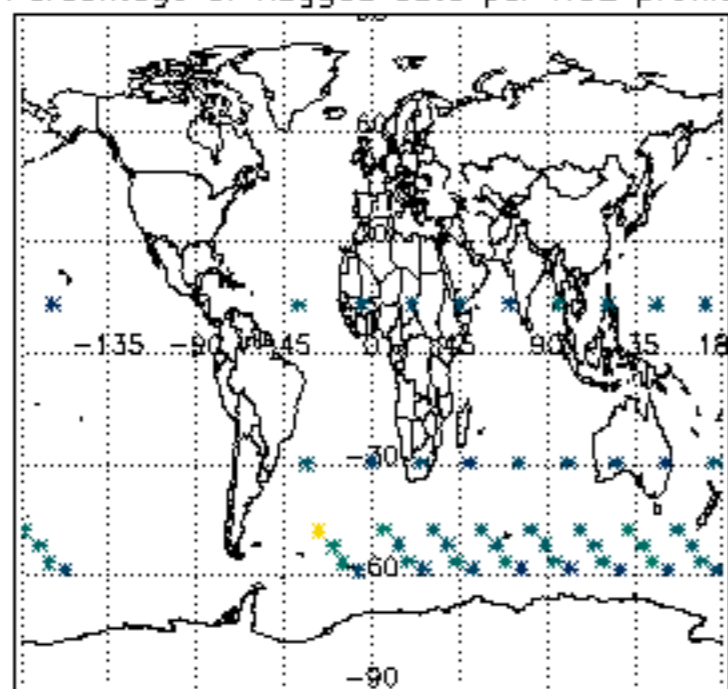
Percentage of flagged data per D3 profile



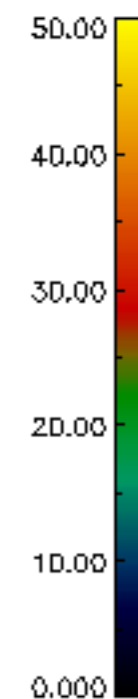
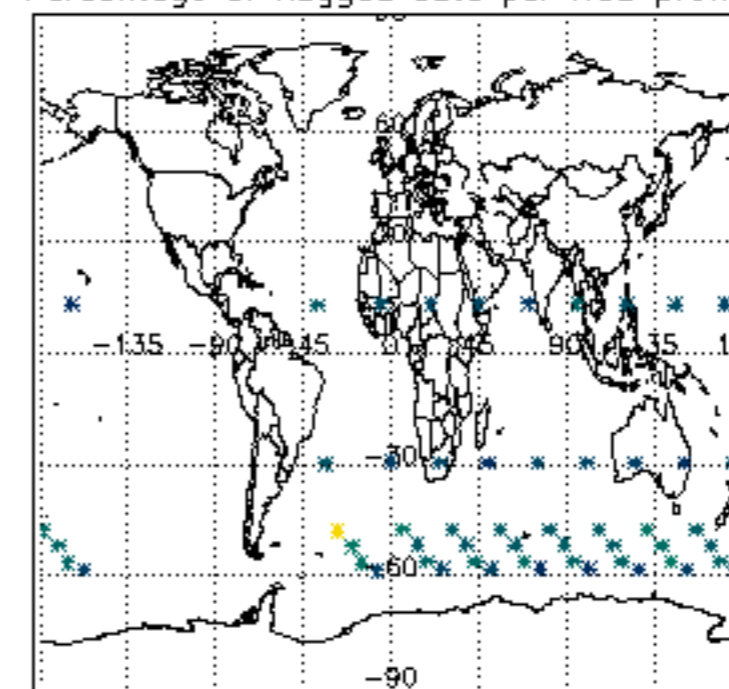
Percentage of flagged data per H2O profile

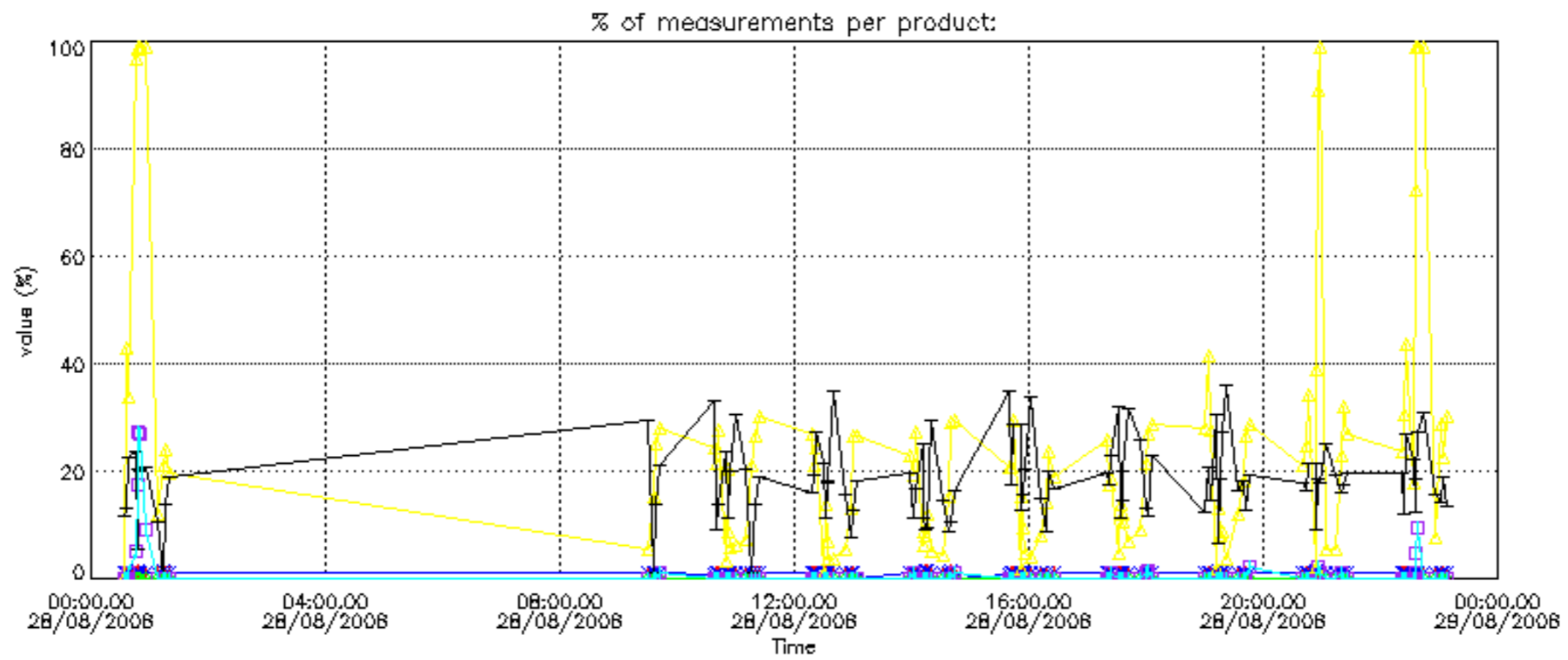


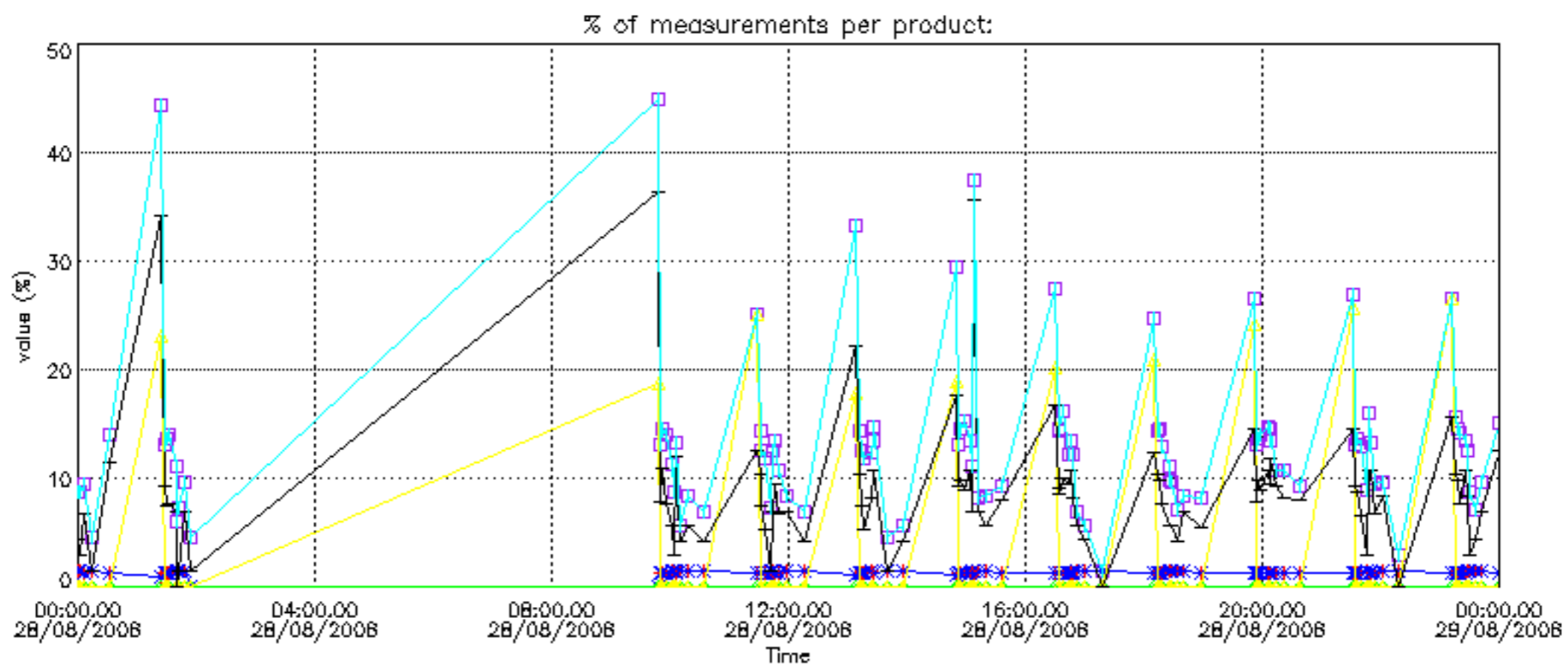
Percentage of flagged data per NO2 profile



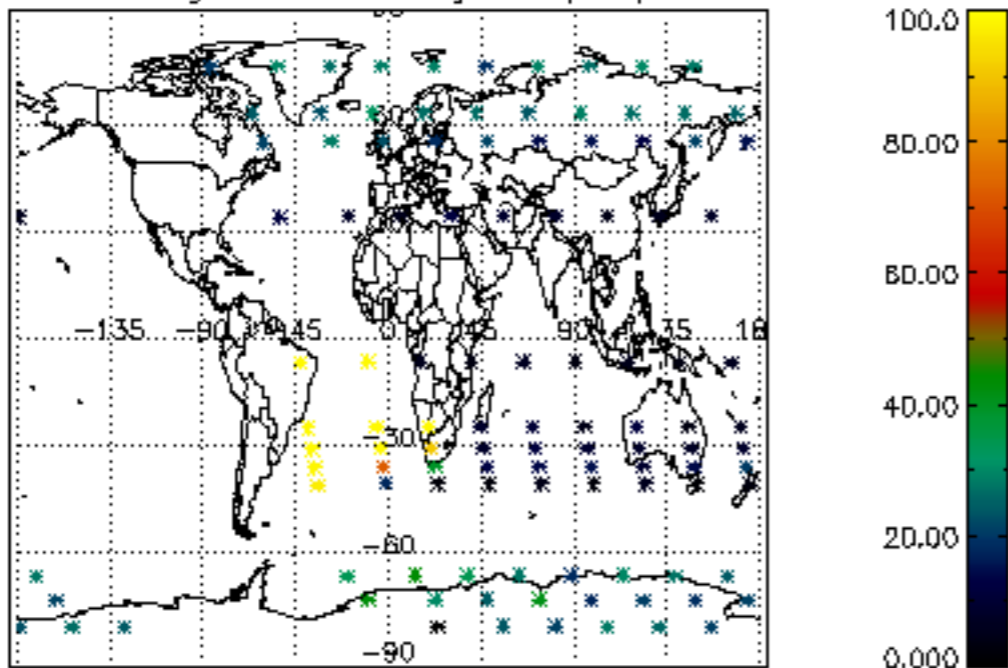
Percentage of flagged data per NO3 profile



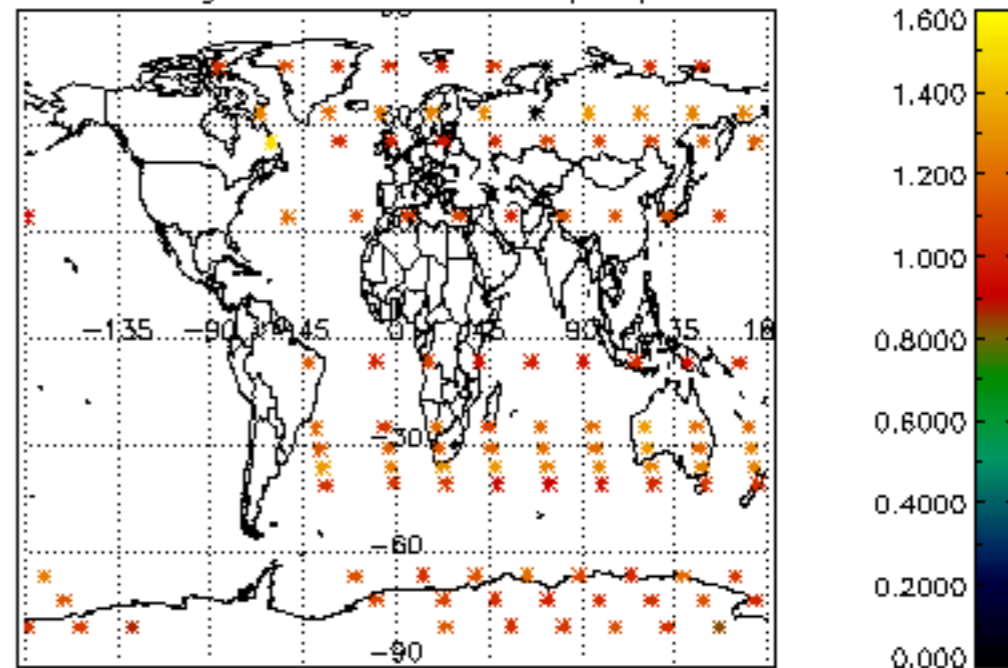




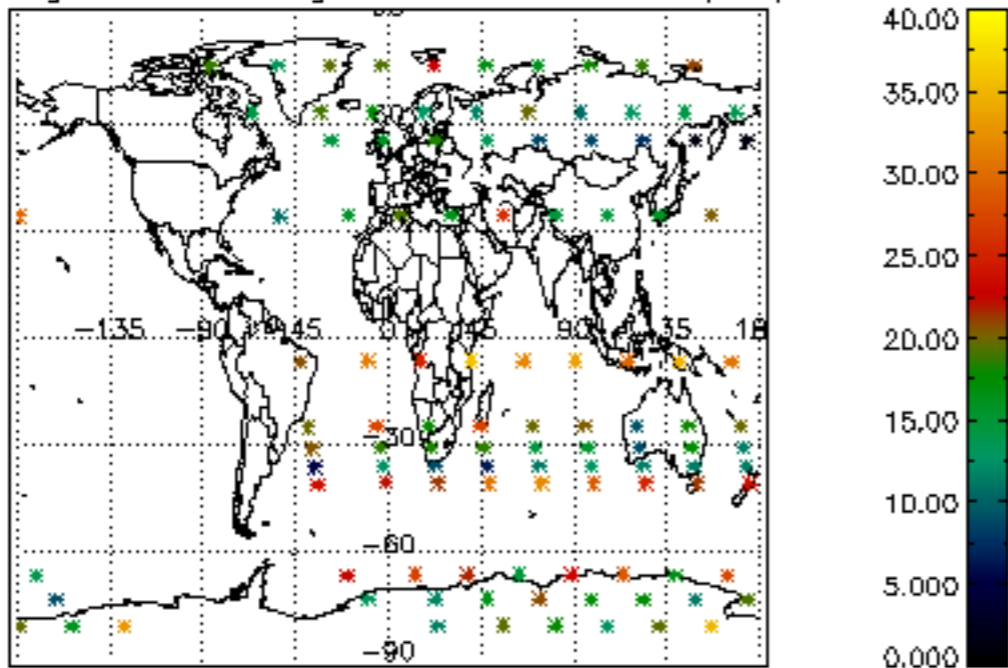
Percentage of cosmic ray hits per profile



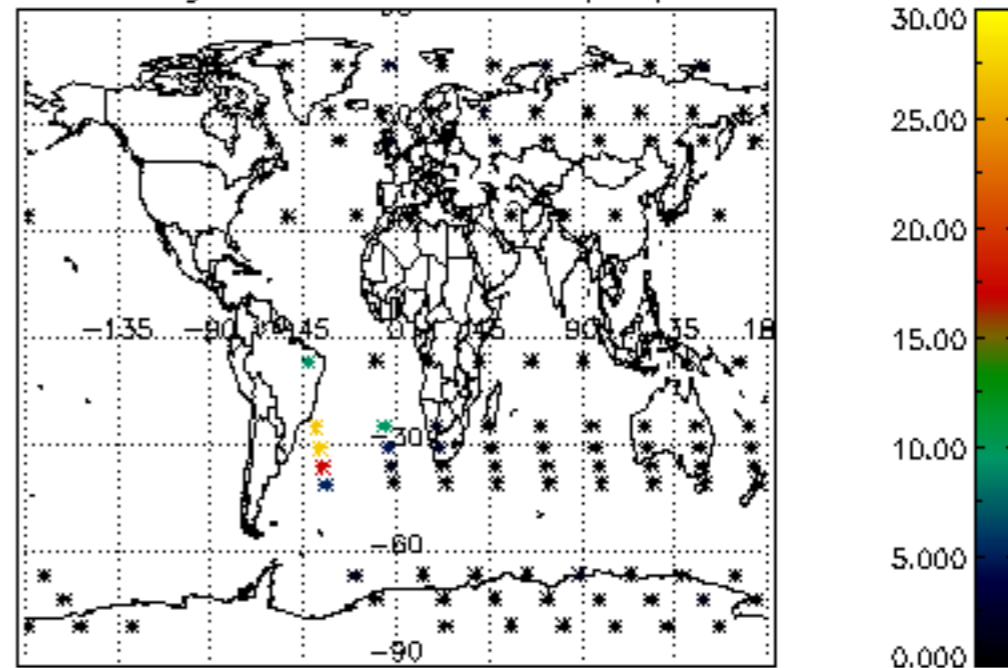
Percentage of datation errors per profile



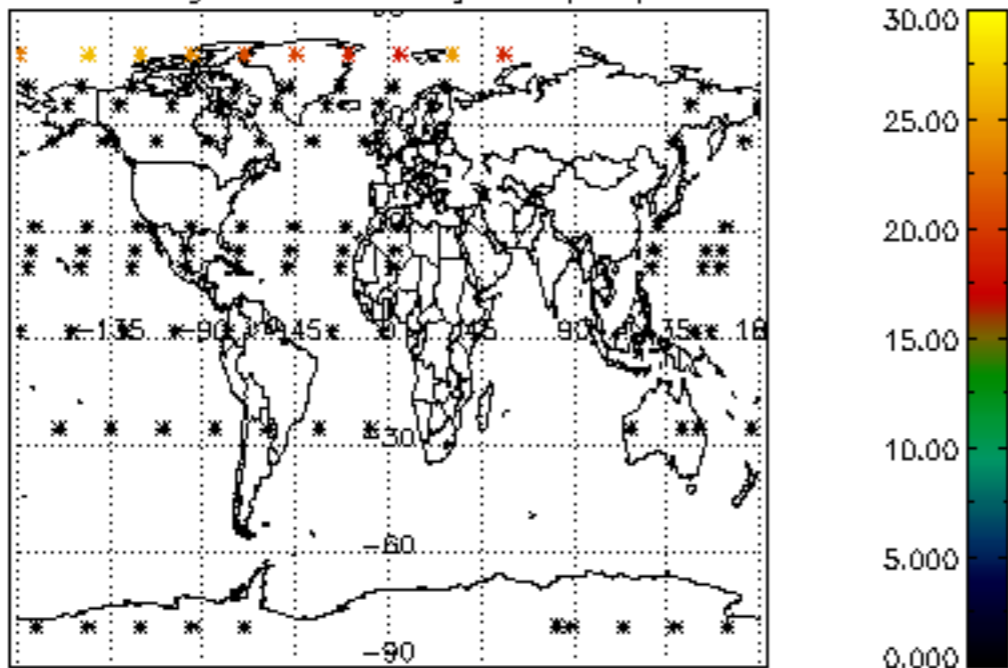
Percentage of star falling outside central band per profile



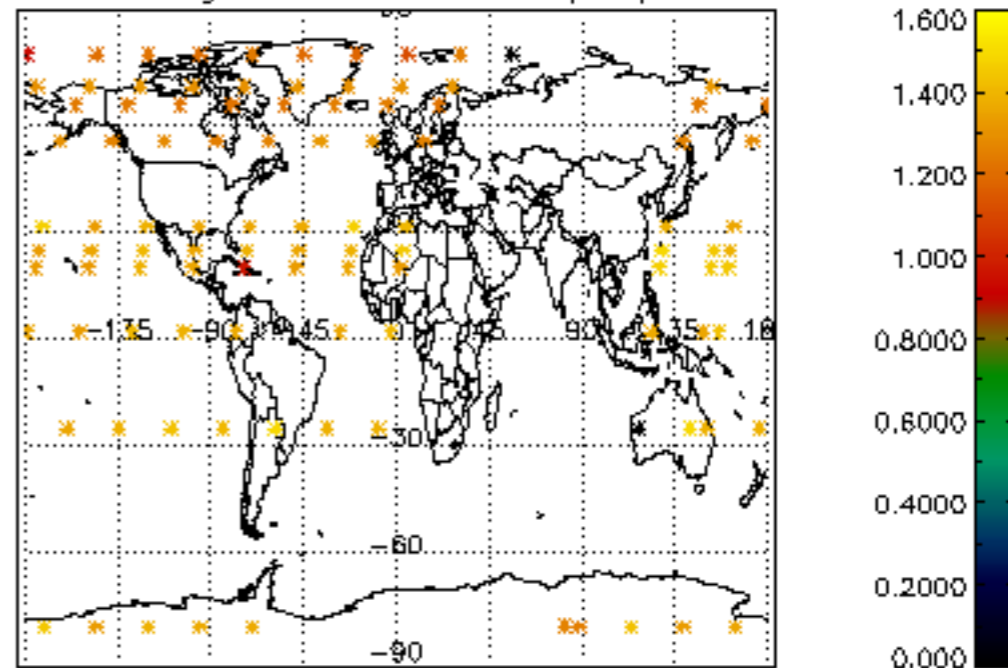
Percentage of saturation errors per profile



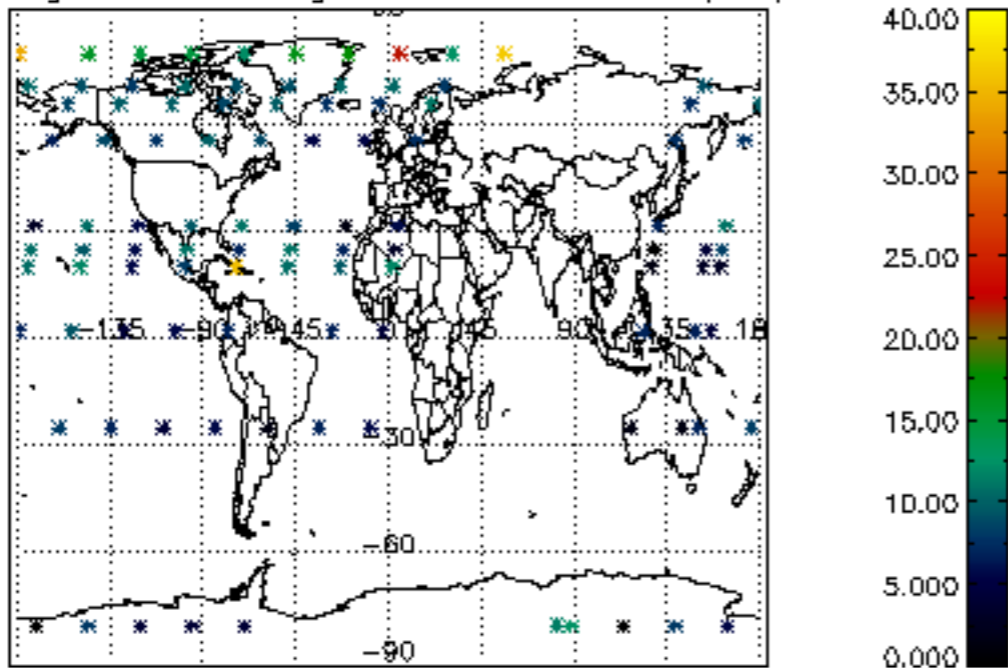
Percentage of cosmic ray hits per profile



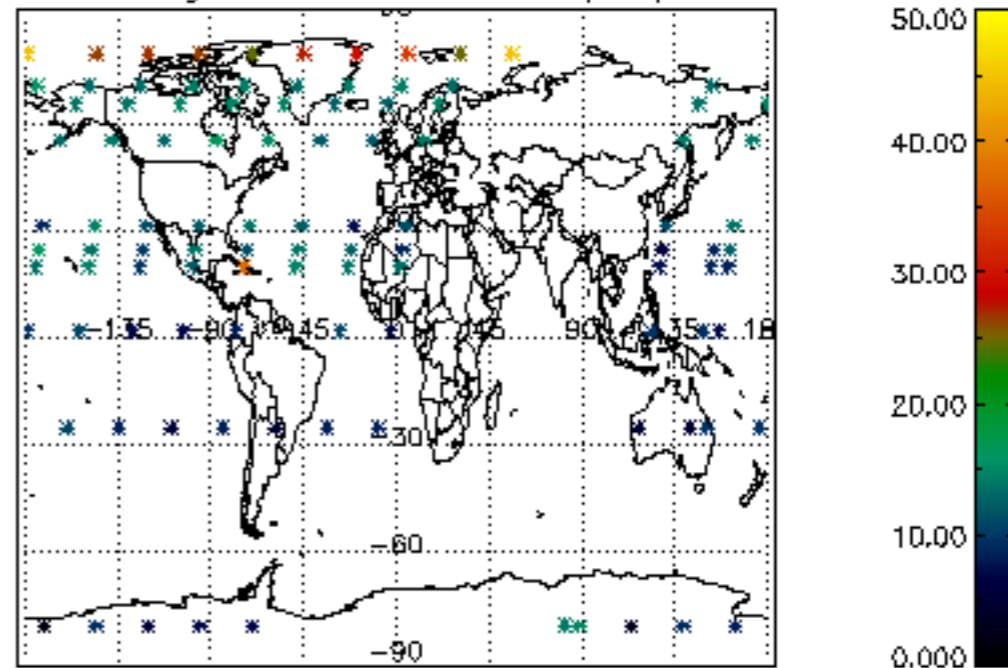
Percentage of datation errors per profile

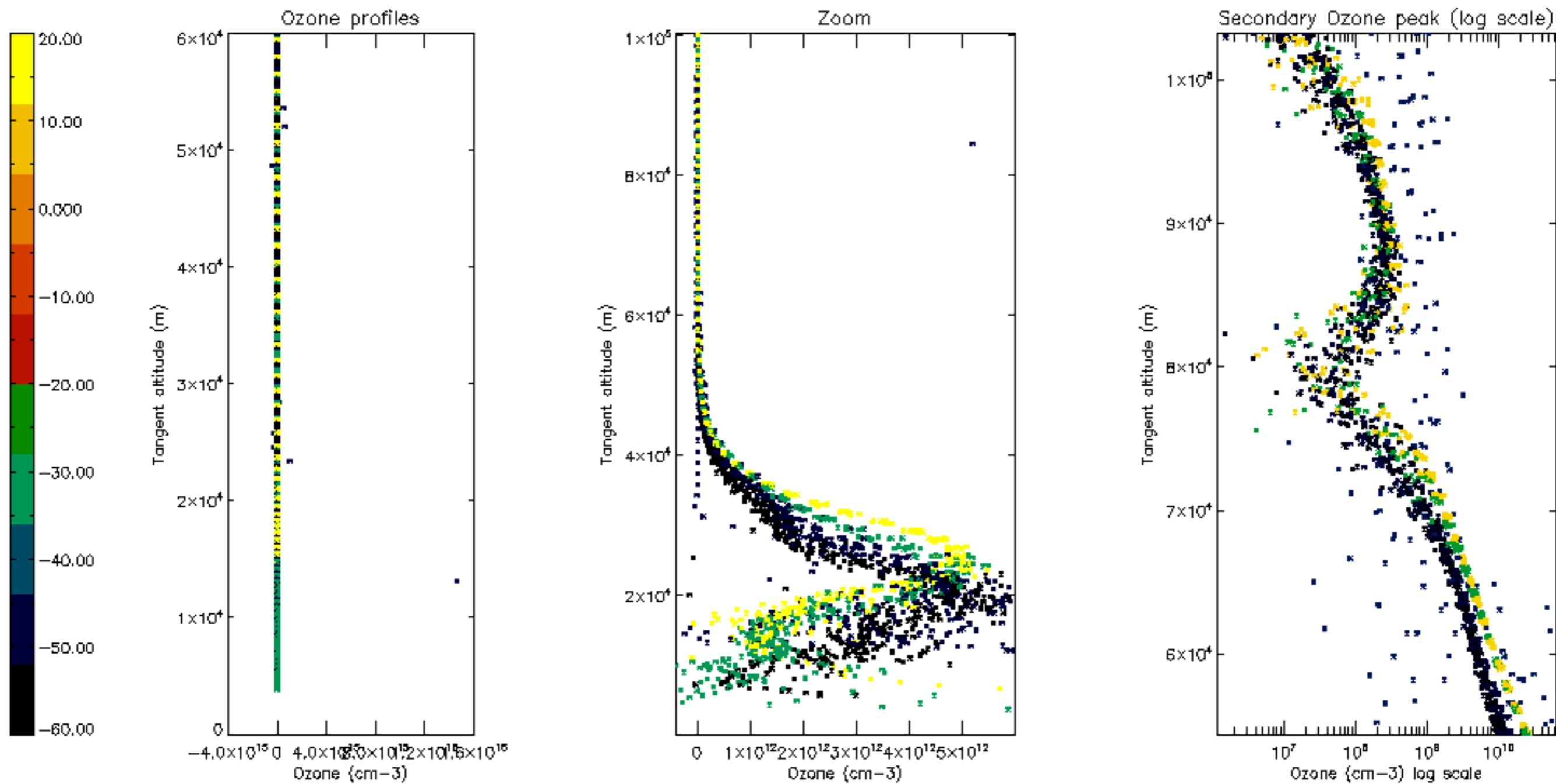


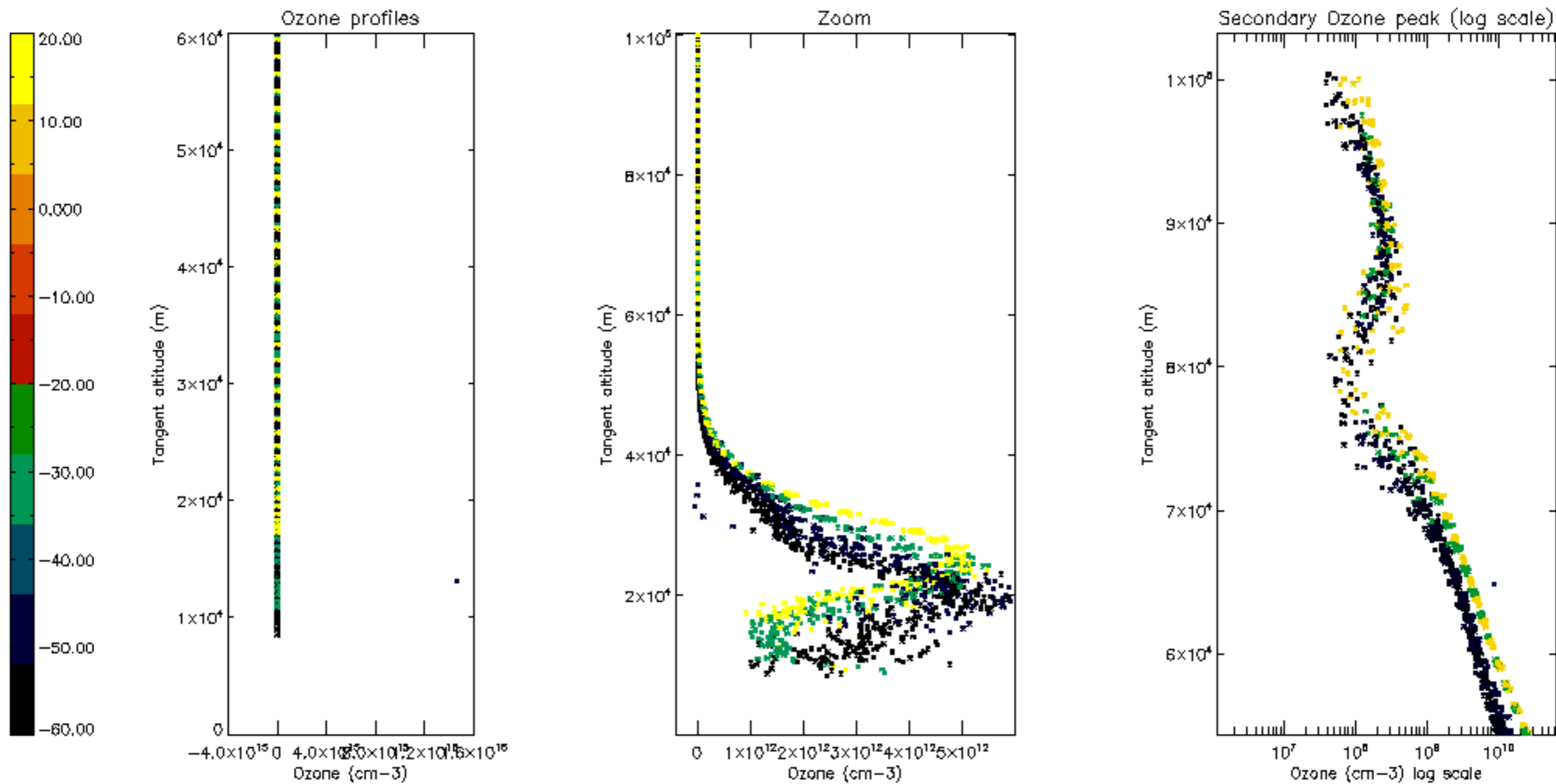
Percentage of star falling outside central band per profile

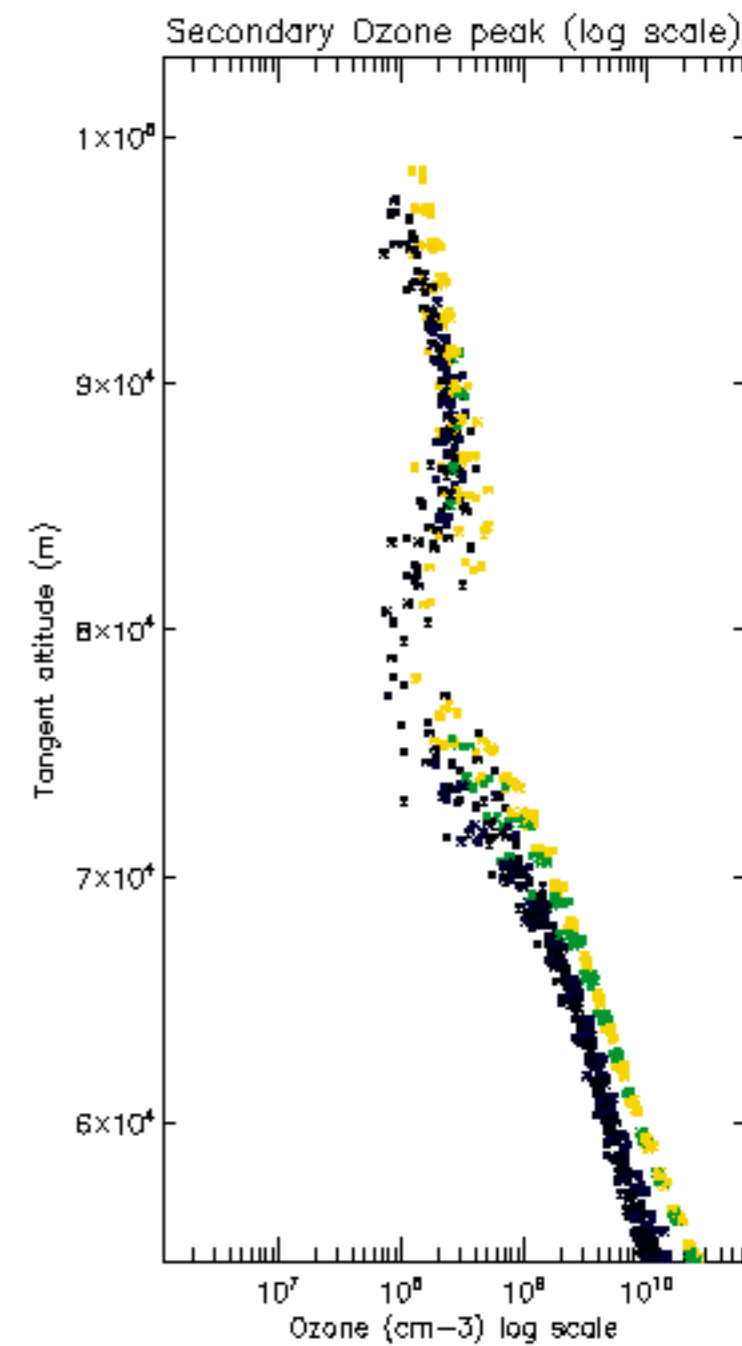
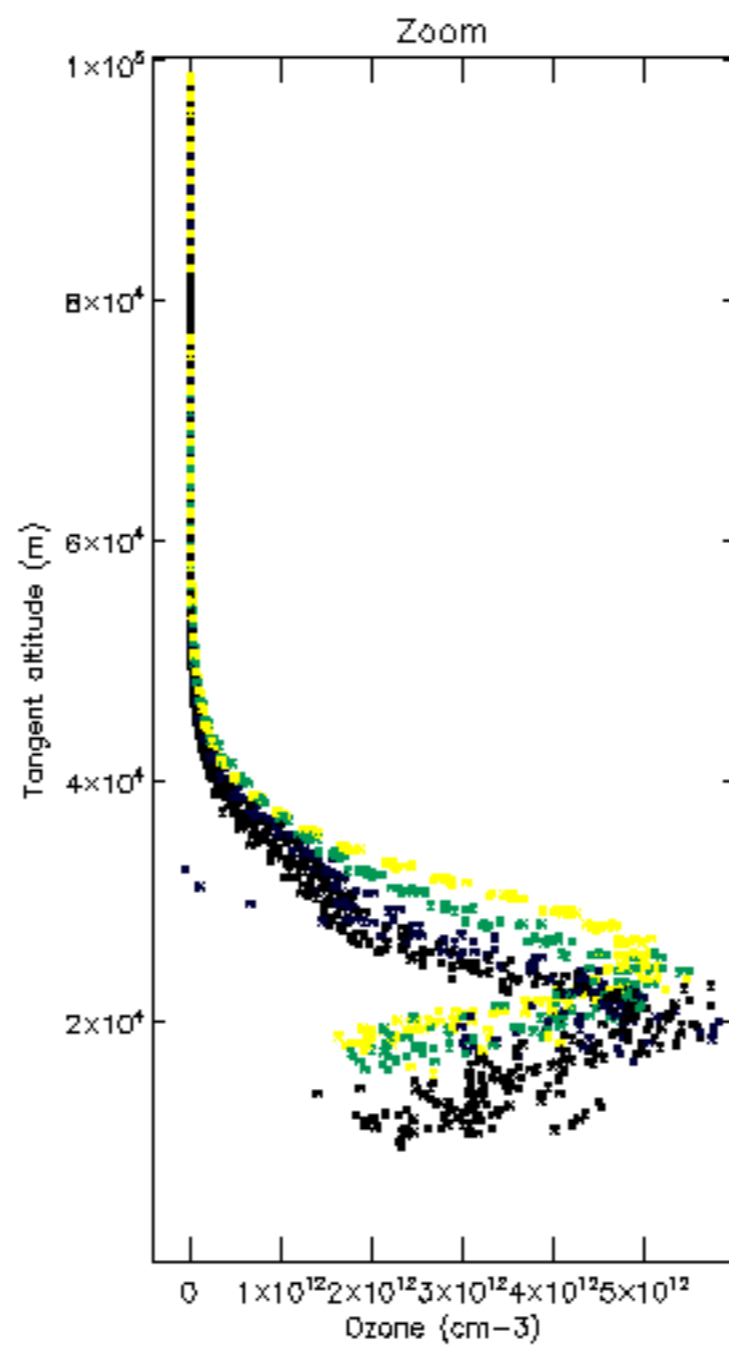
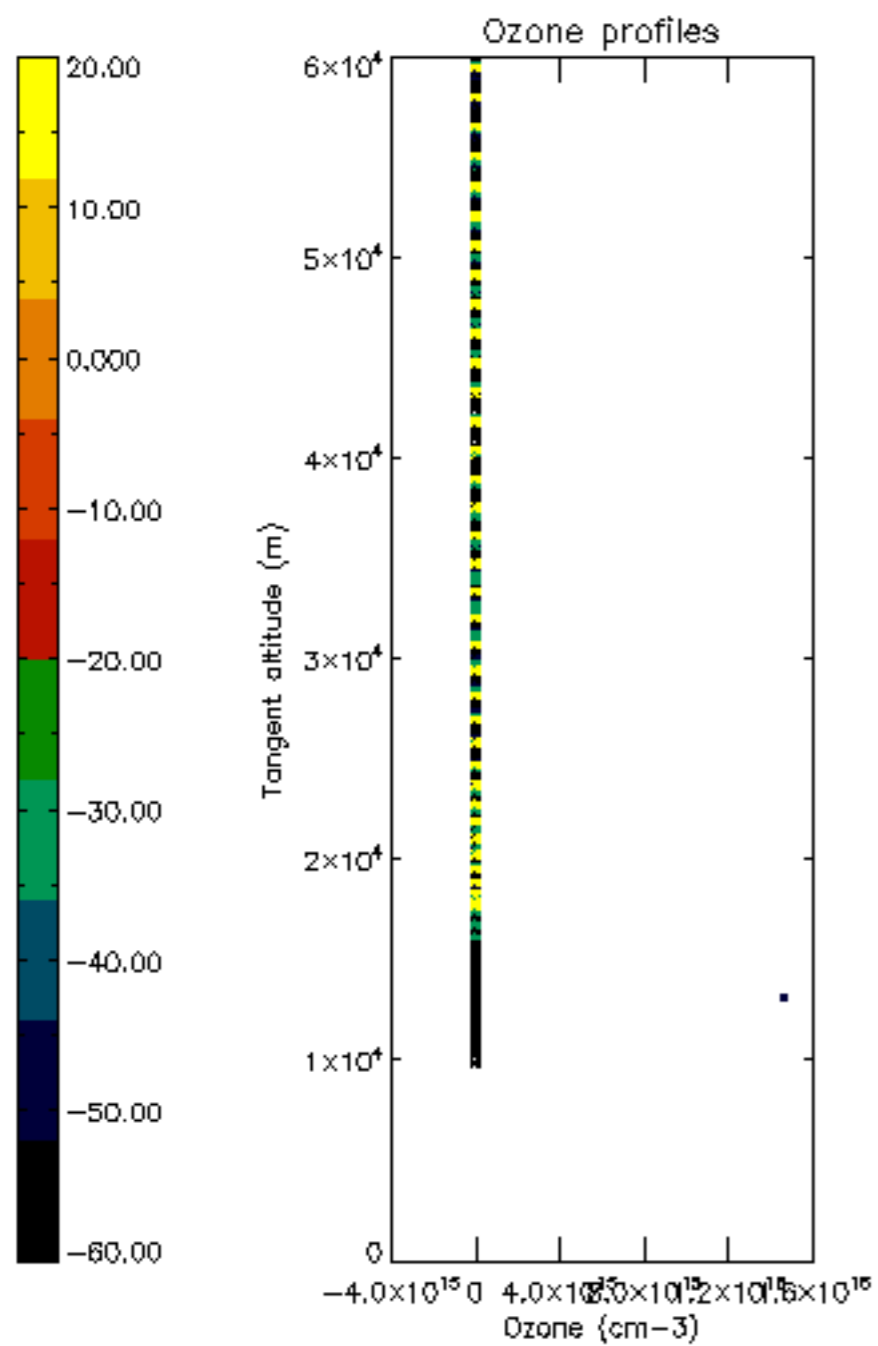


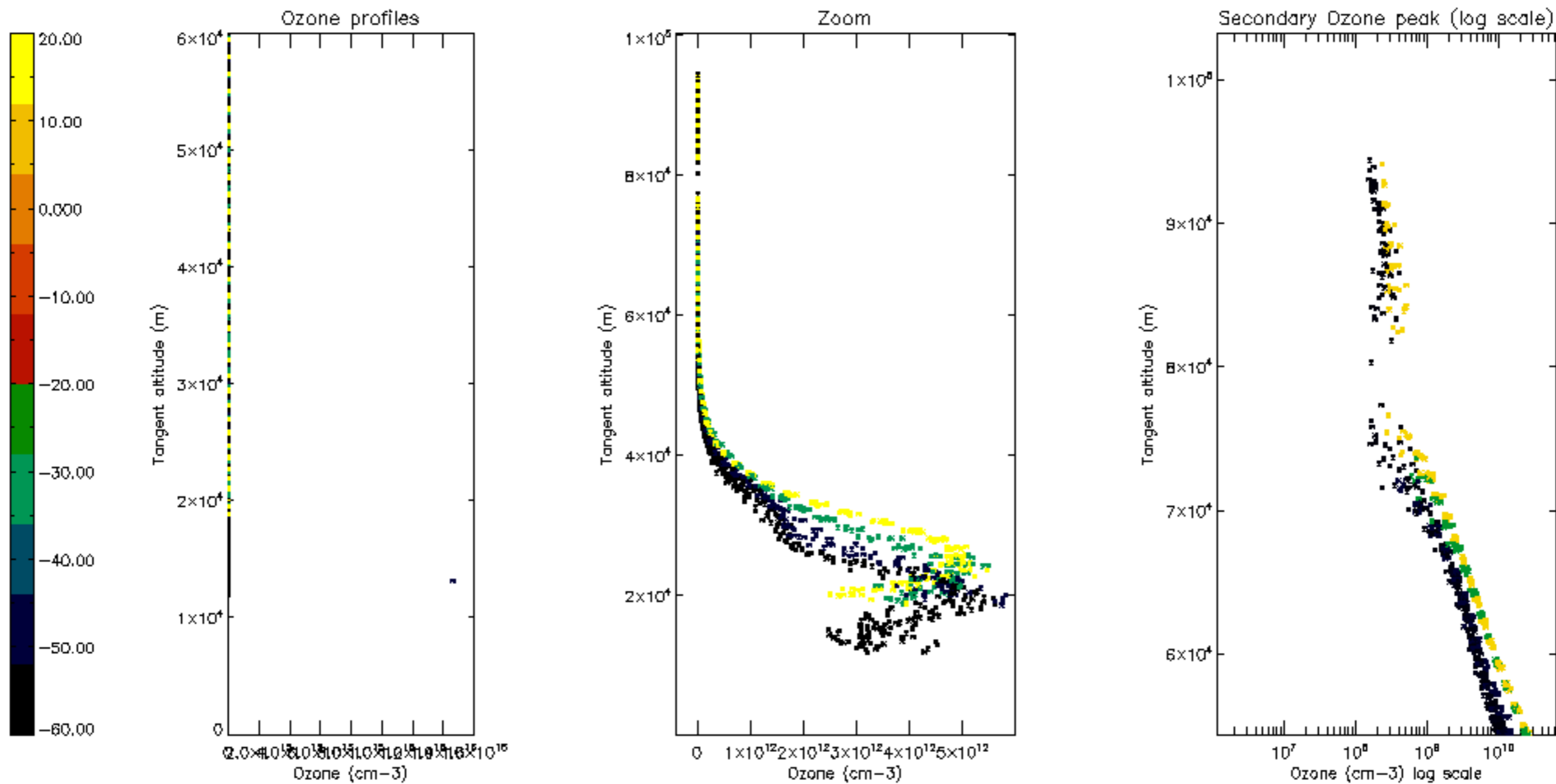
Percentage of saturation errors per profile

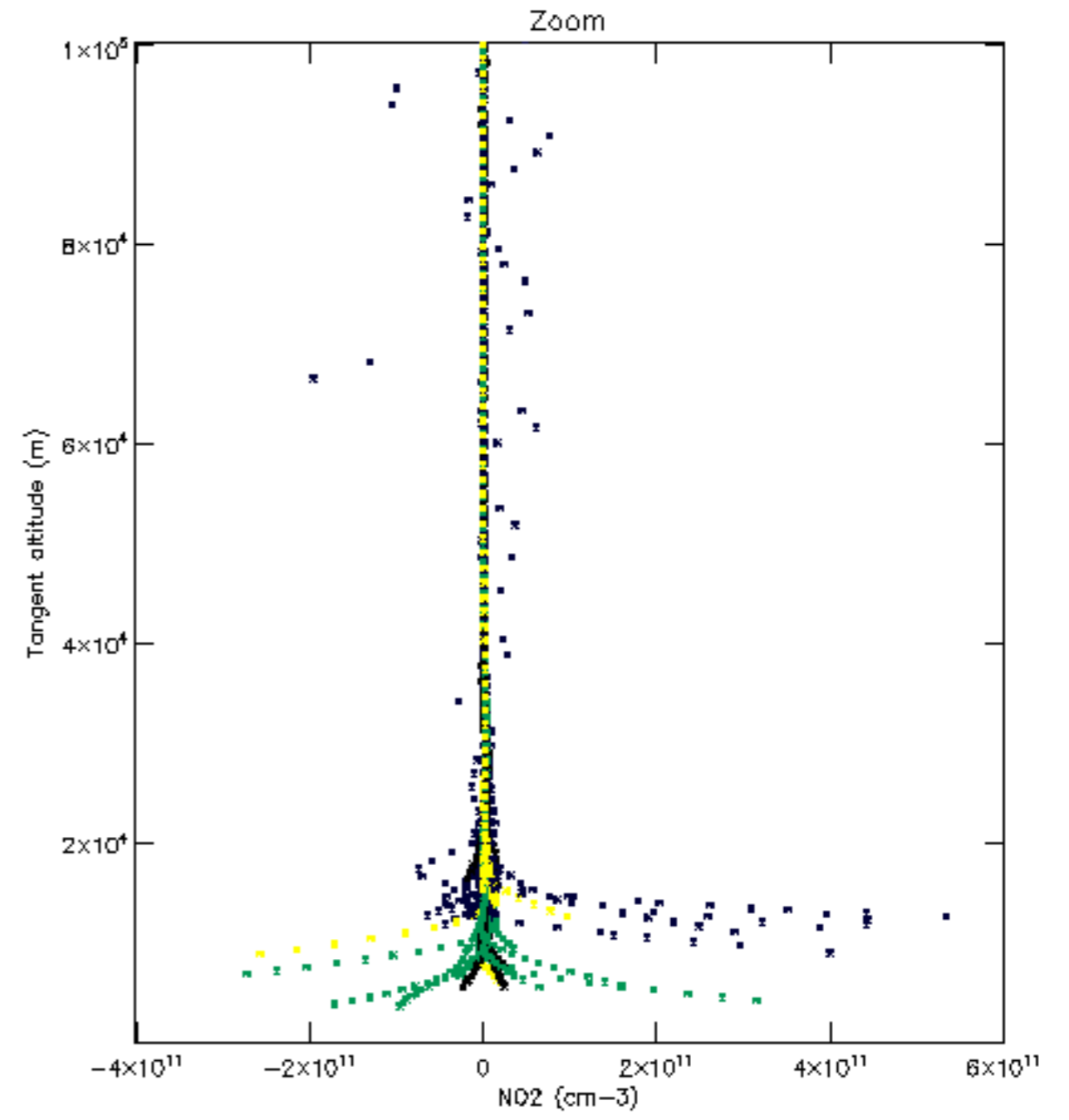
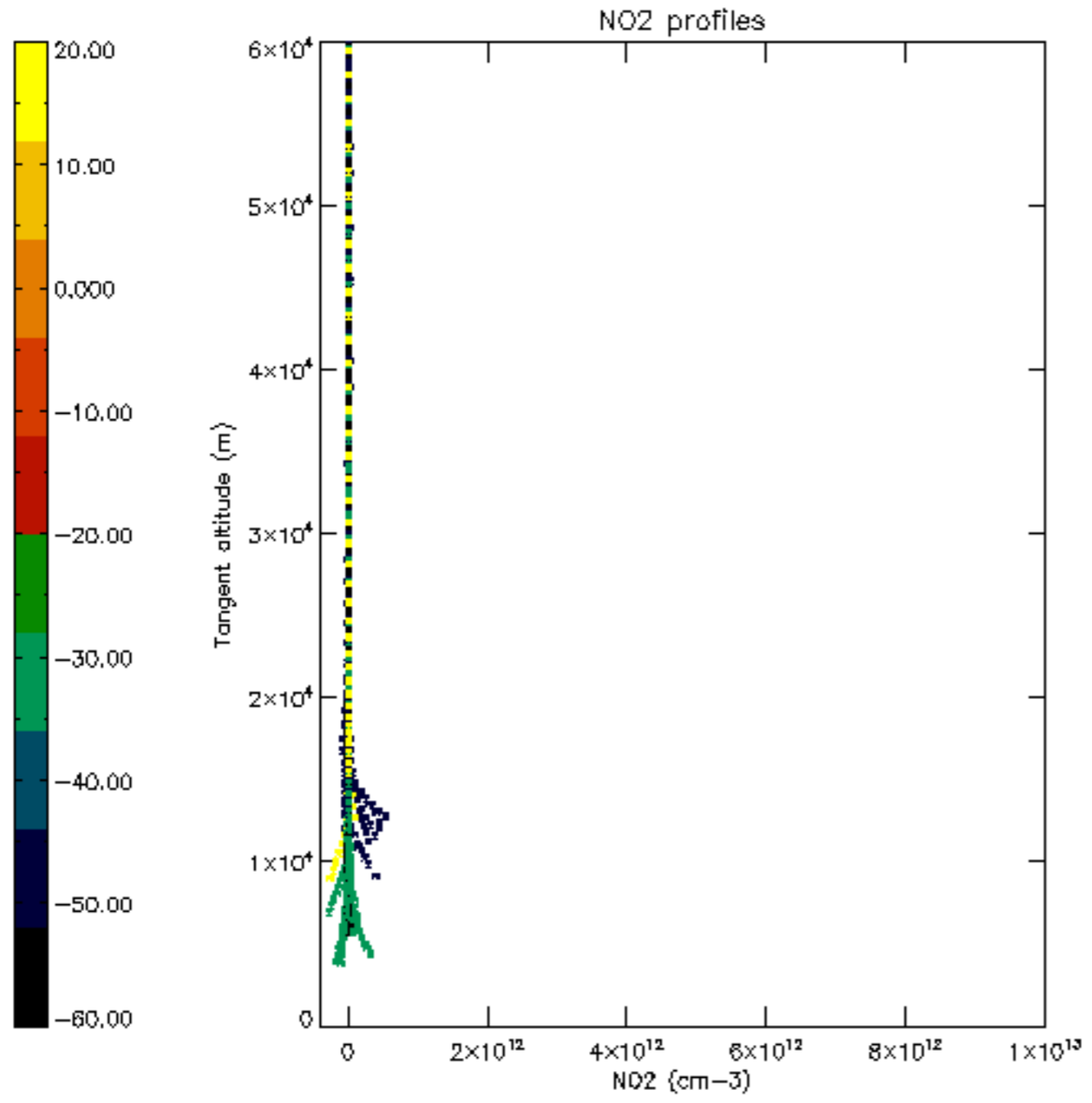


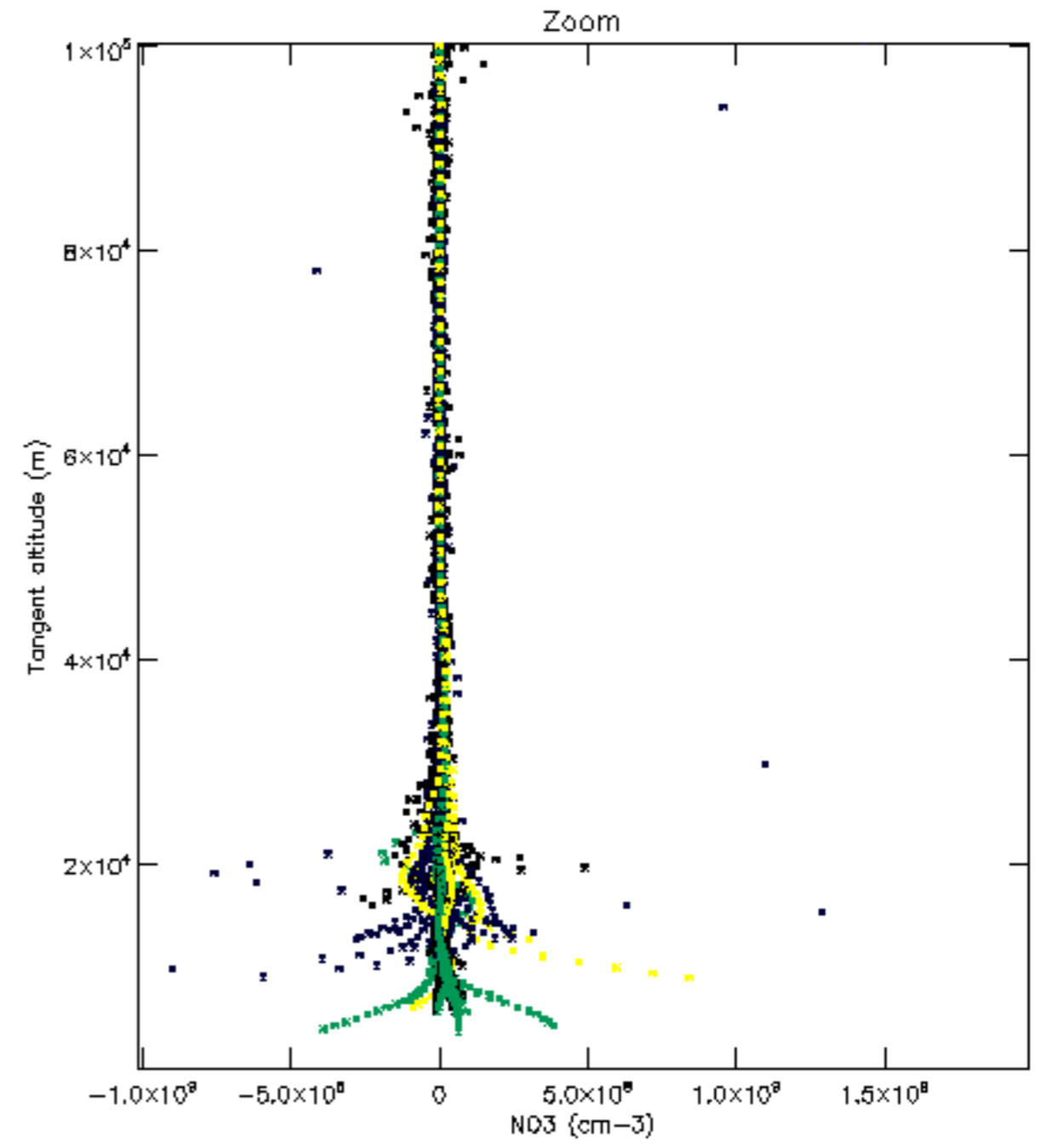
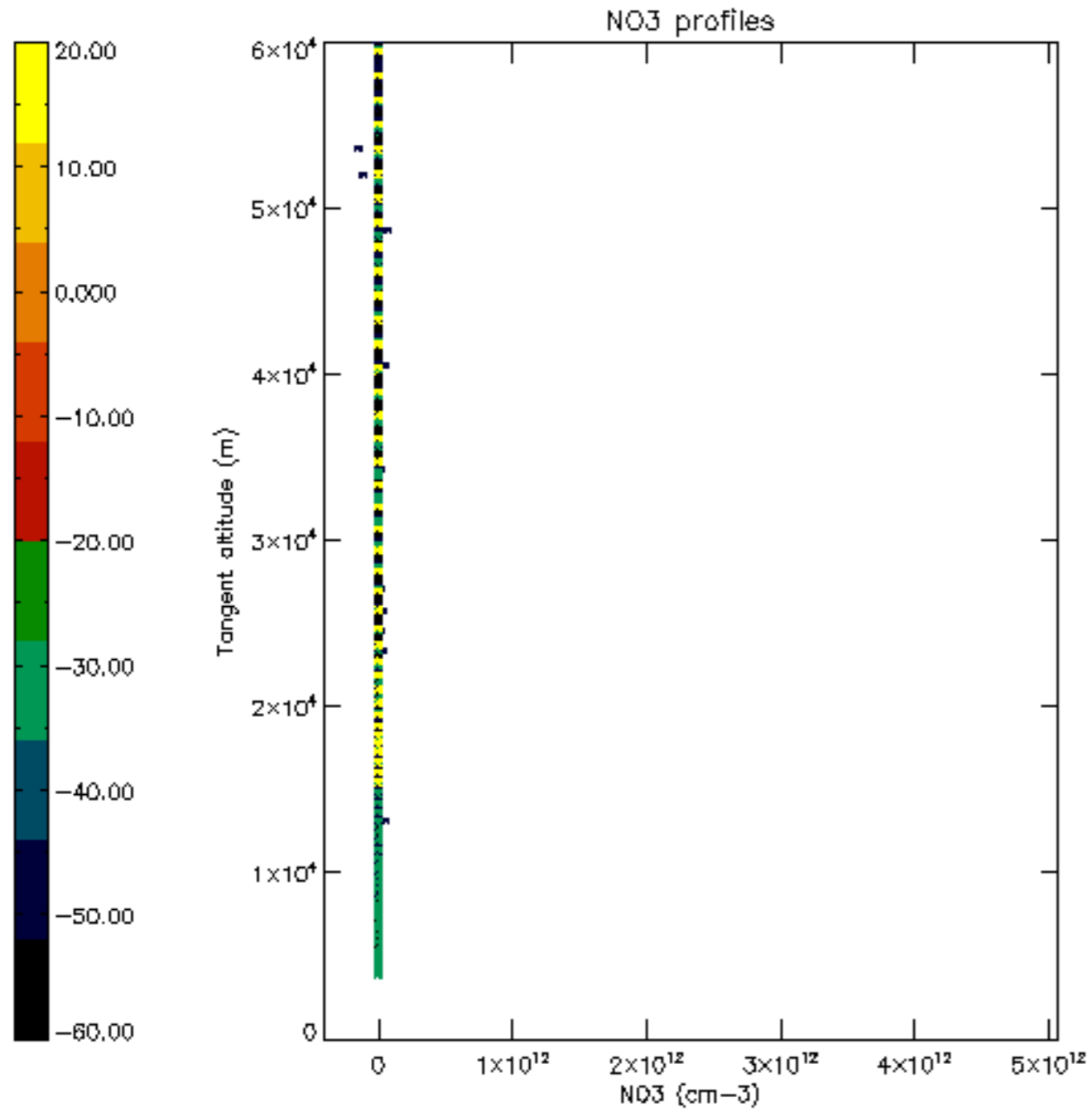


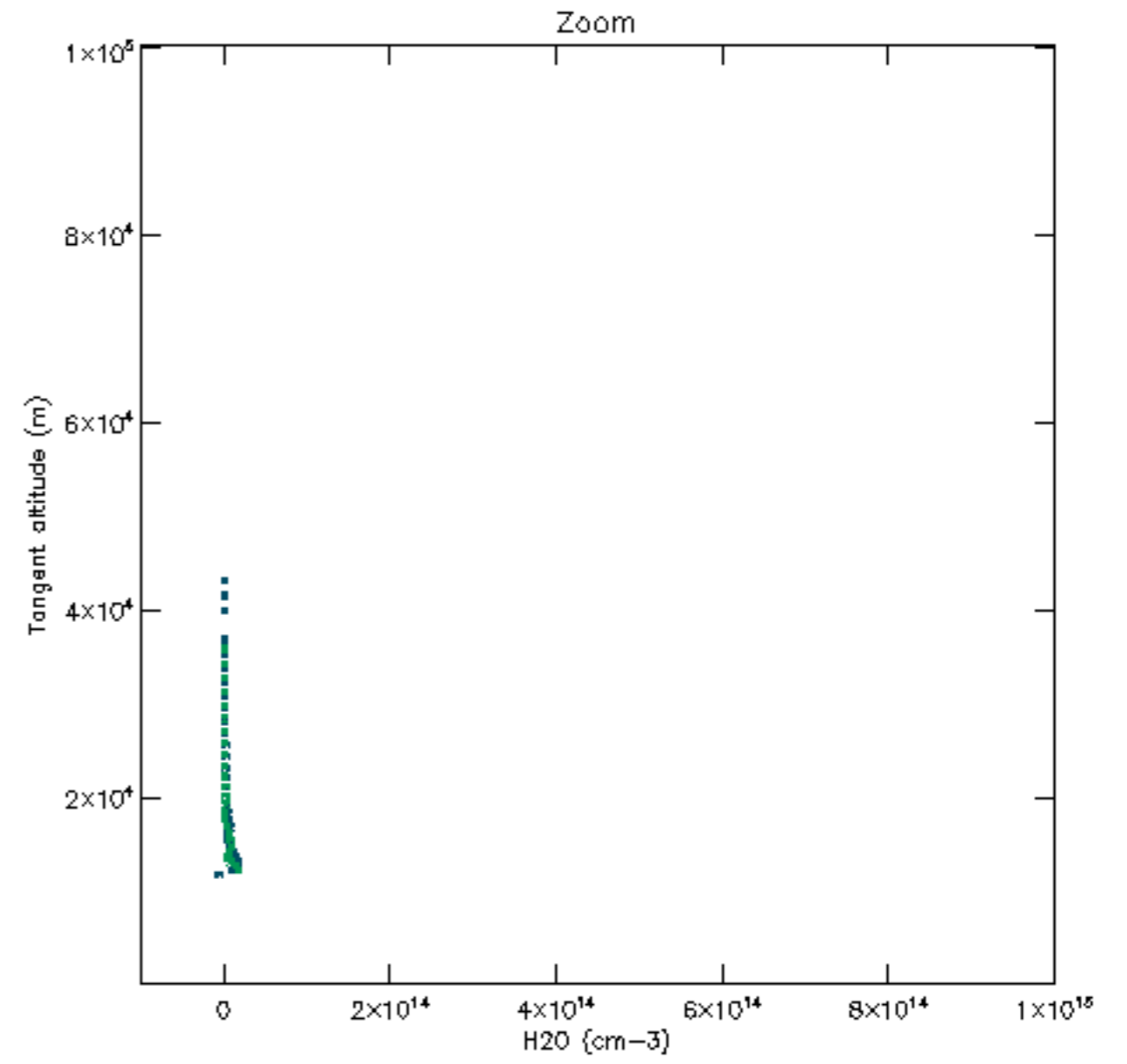
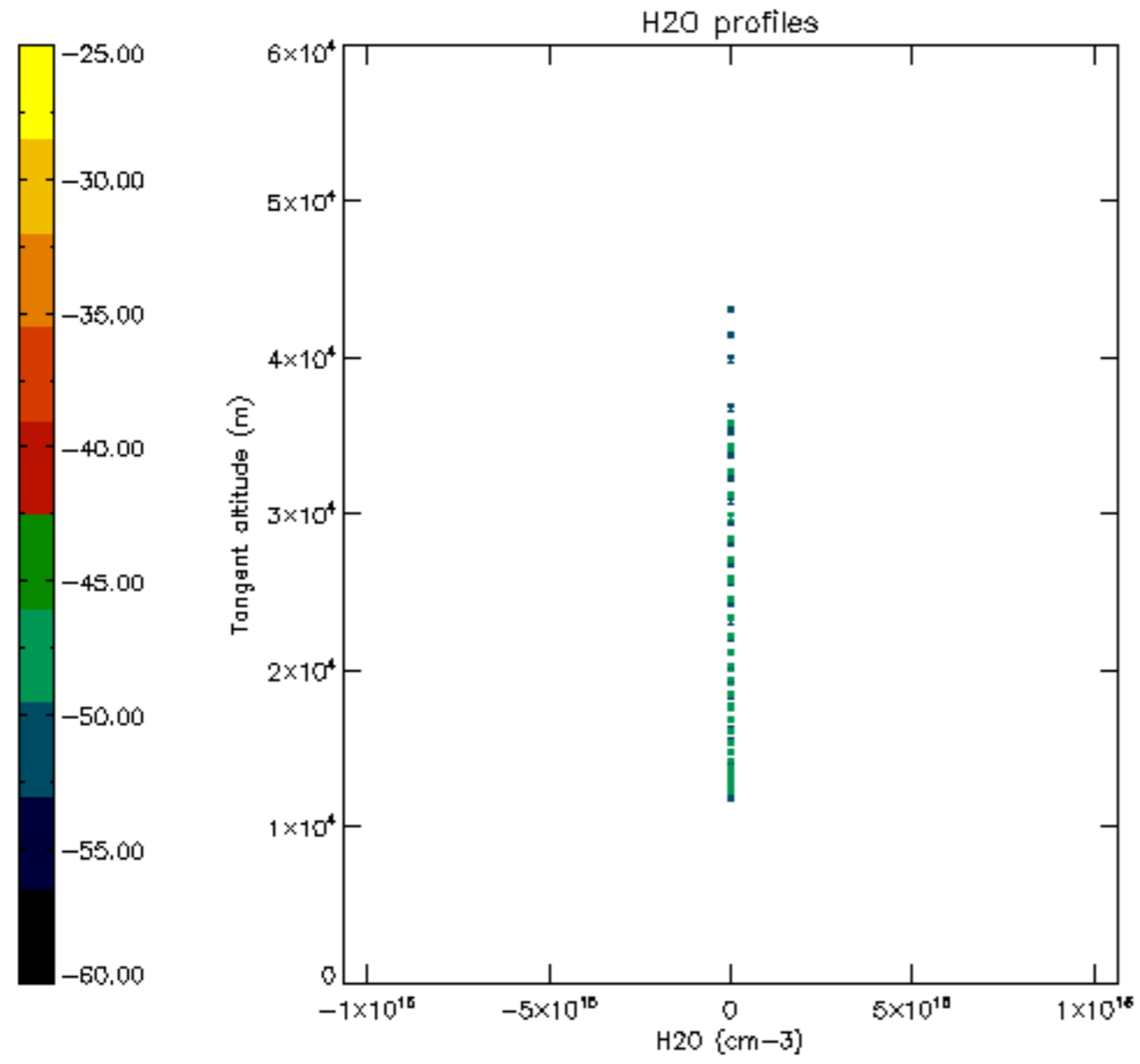


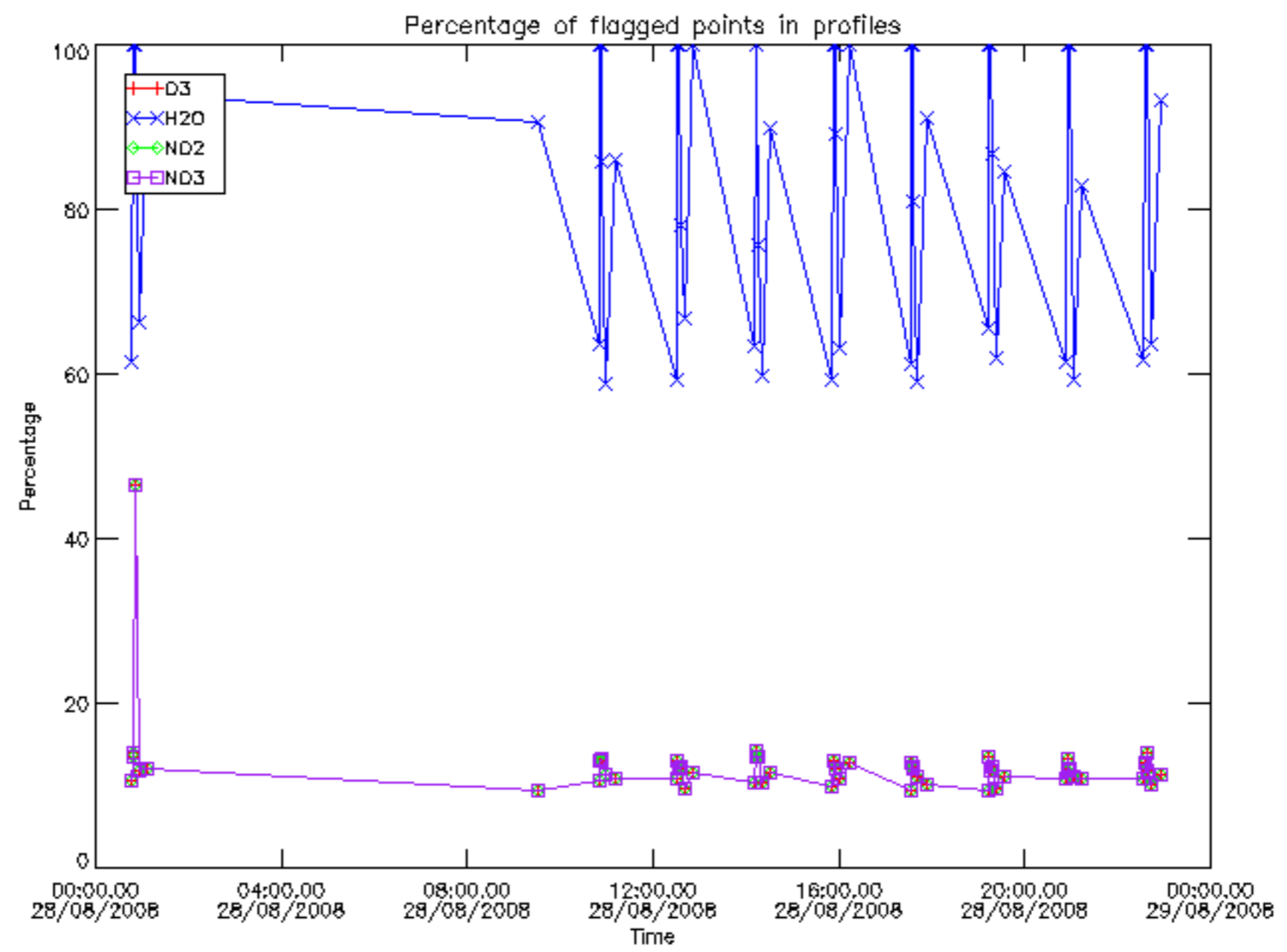




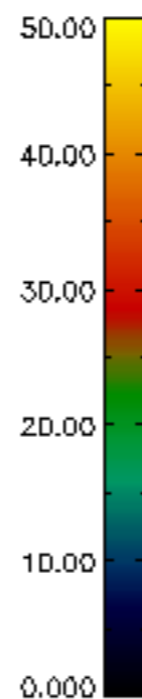
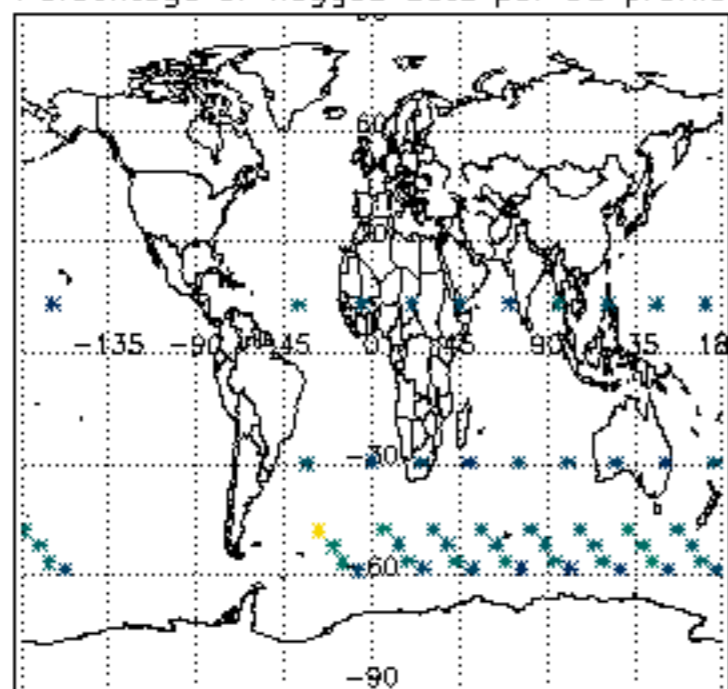




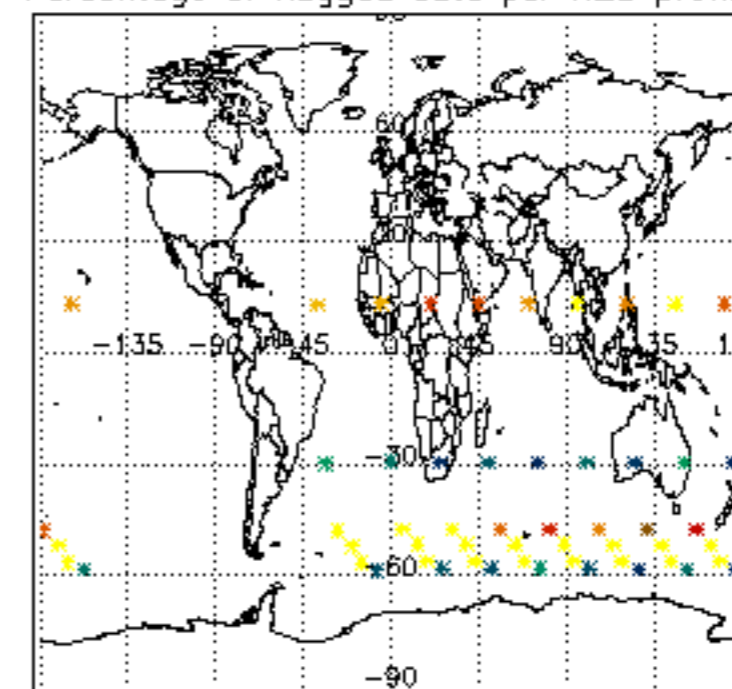




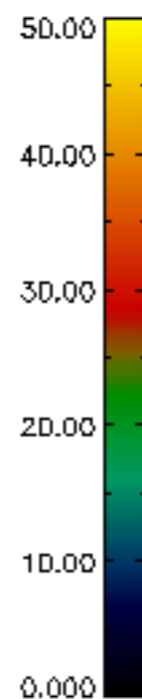
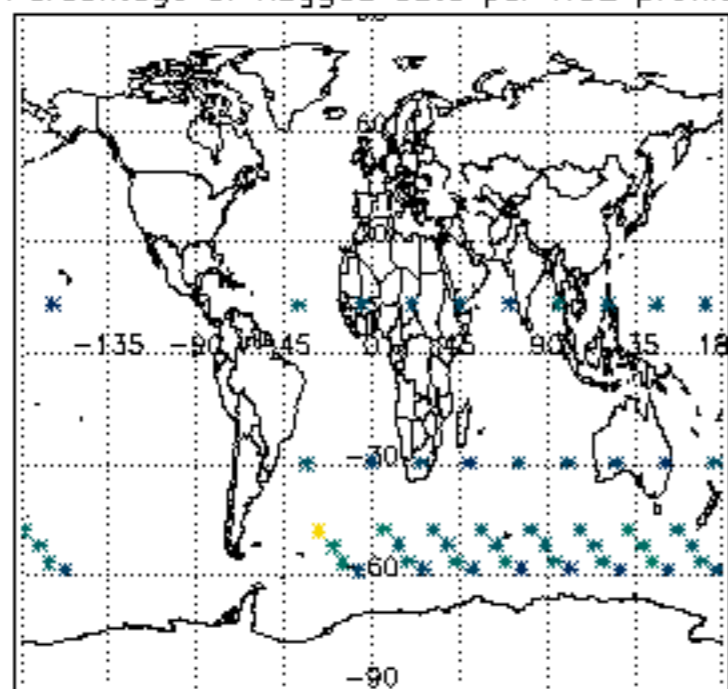
Percentage of flagged data per D3 profile



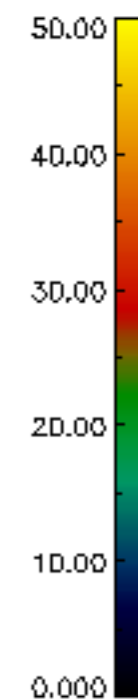
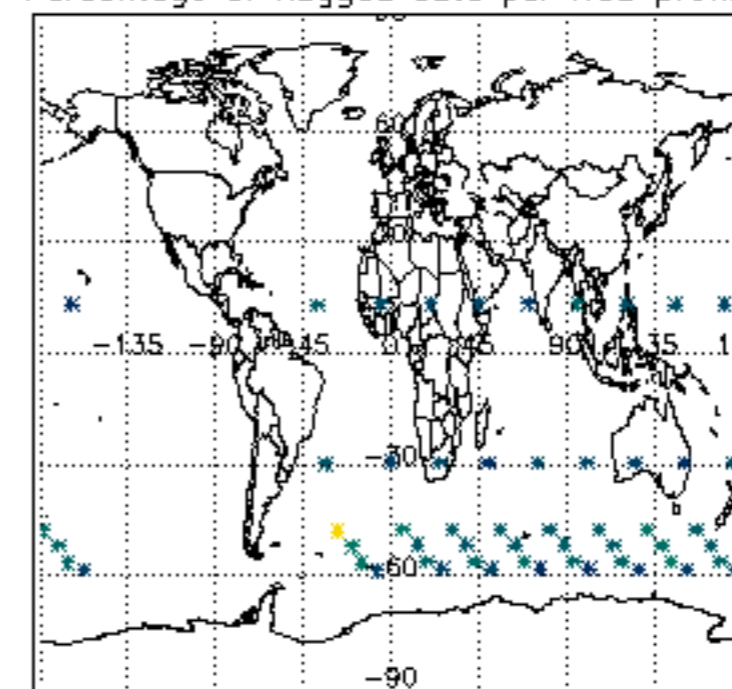
Percentage of flagged data per H2O profile

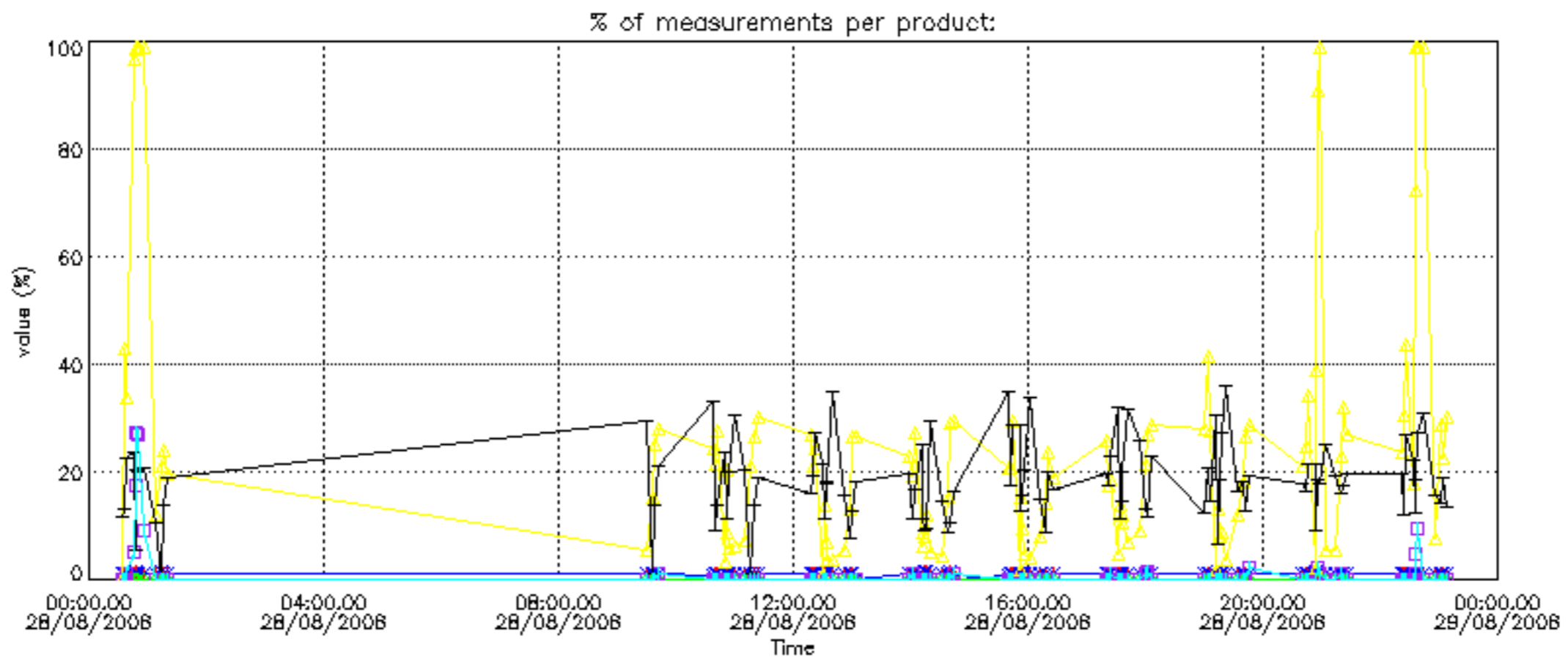


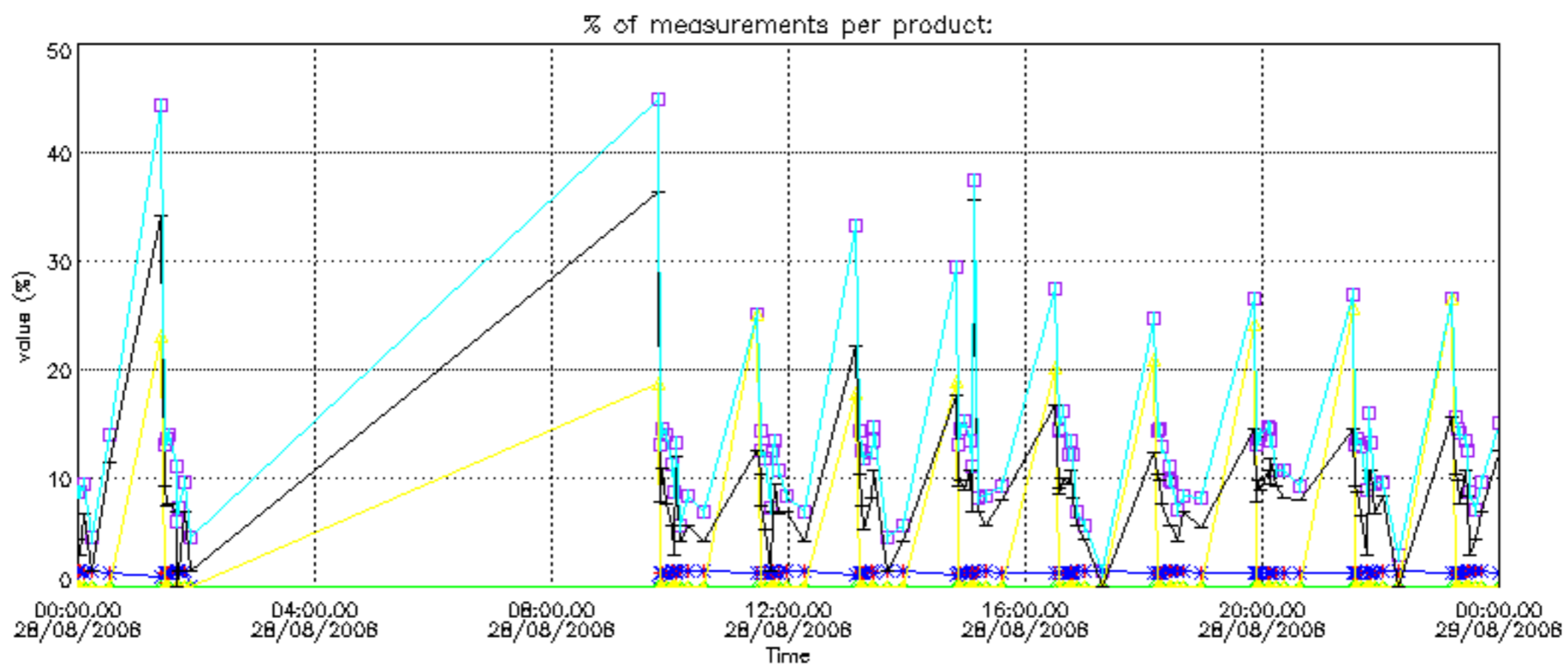
Percentage of flagged data per NO2 profile



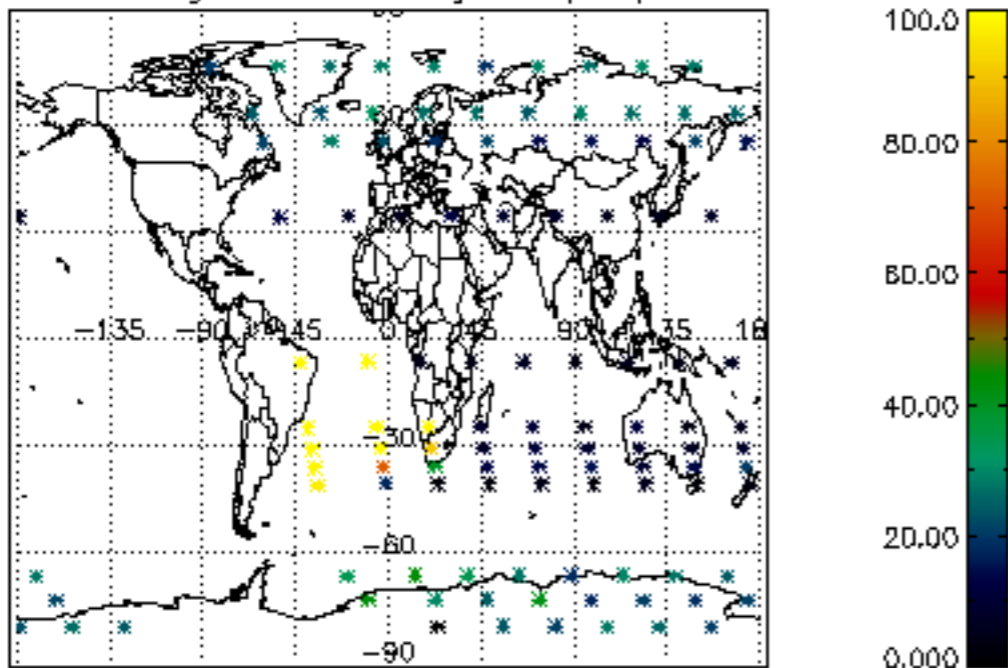
Percentage of flagged data per NO3 profile



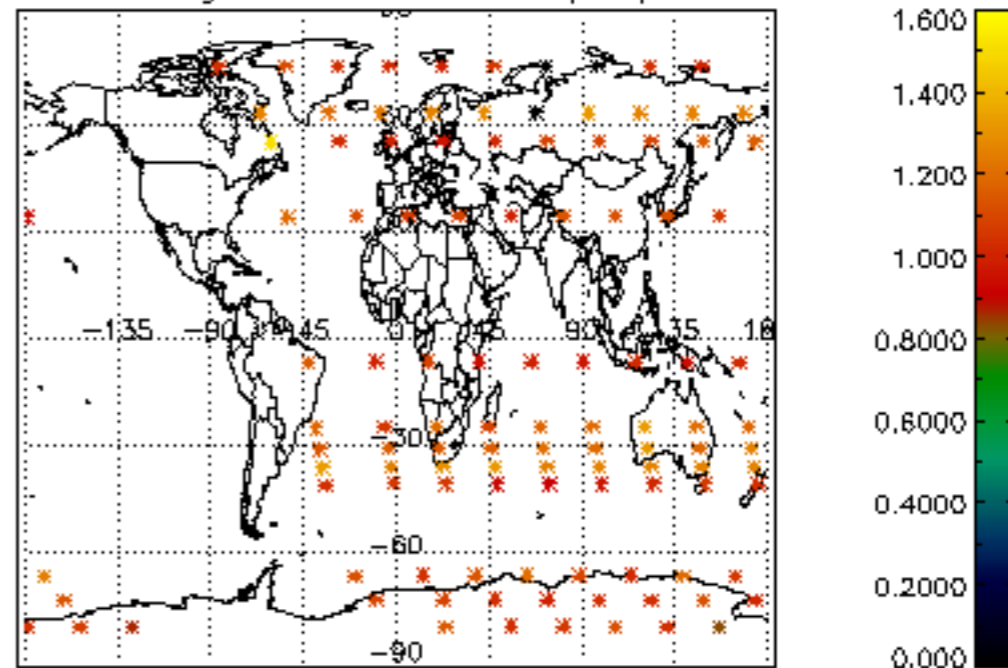




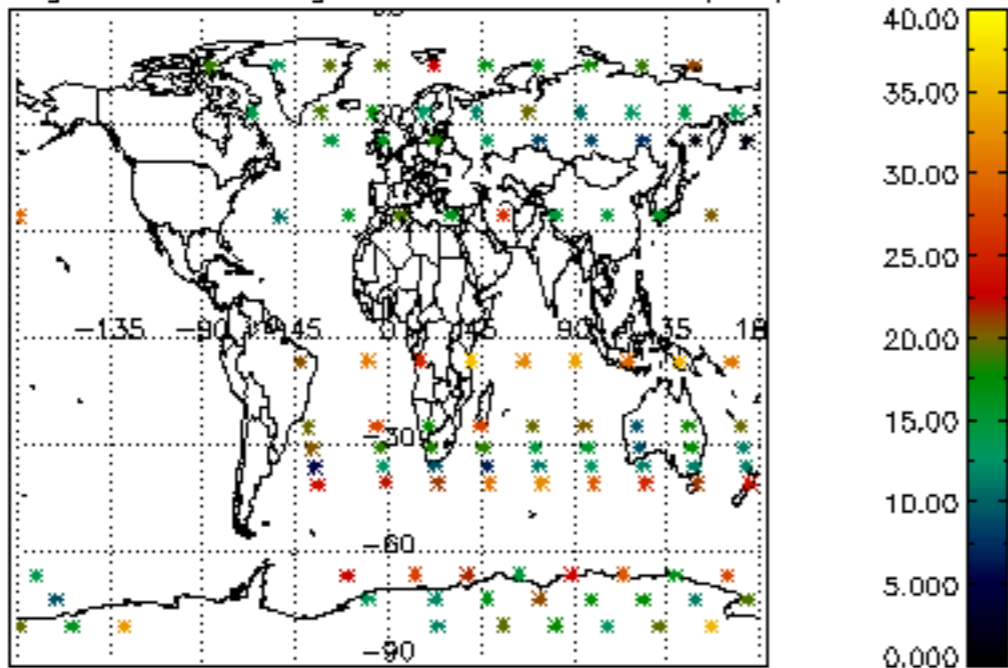
Percentage of cosmic ray hits per profile



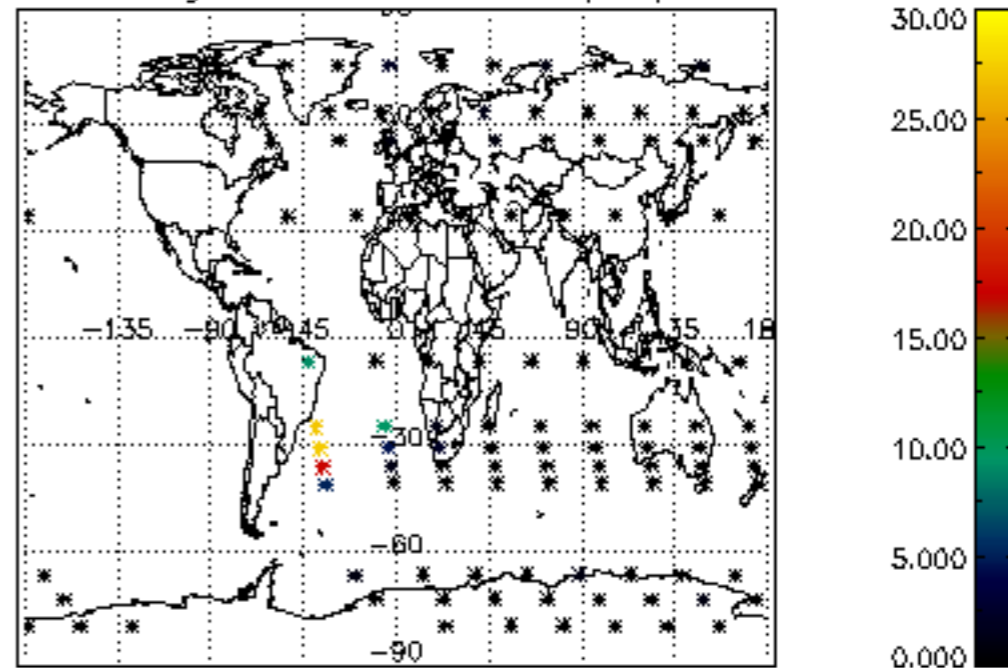
Percentage of datation errors per profile



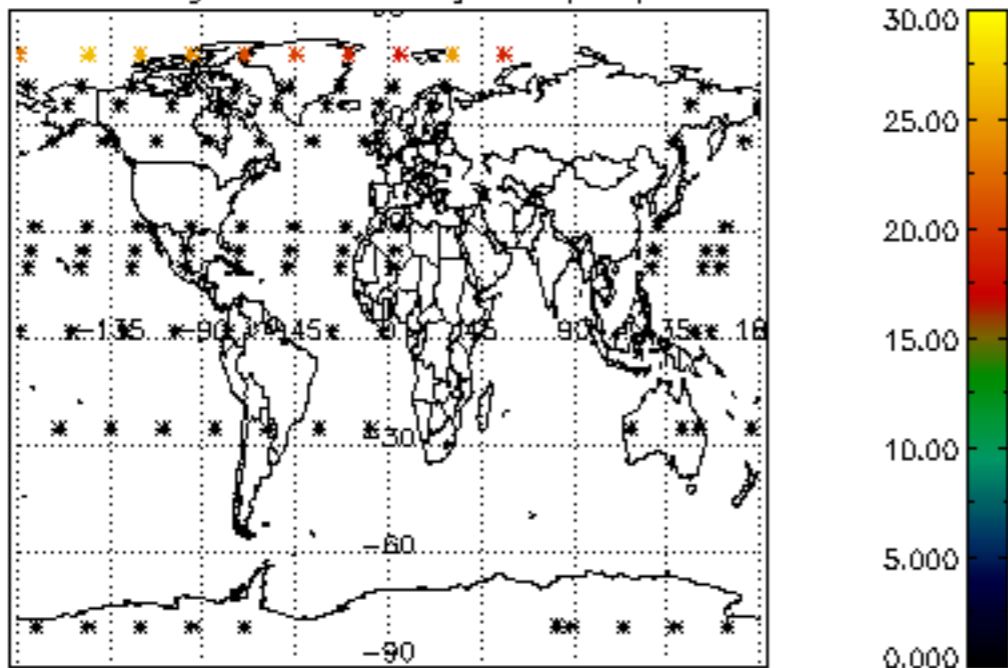
Percentage of star falling outside central band per profile



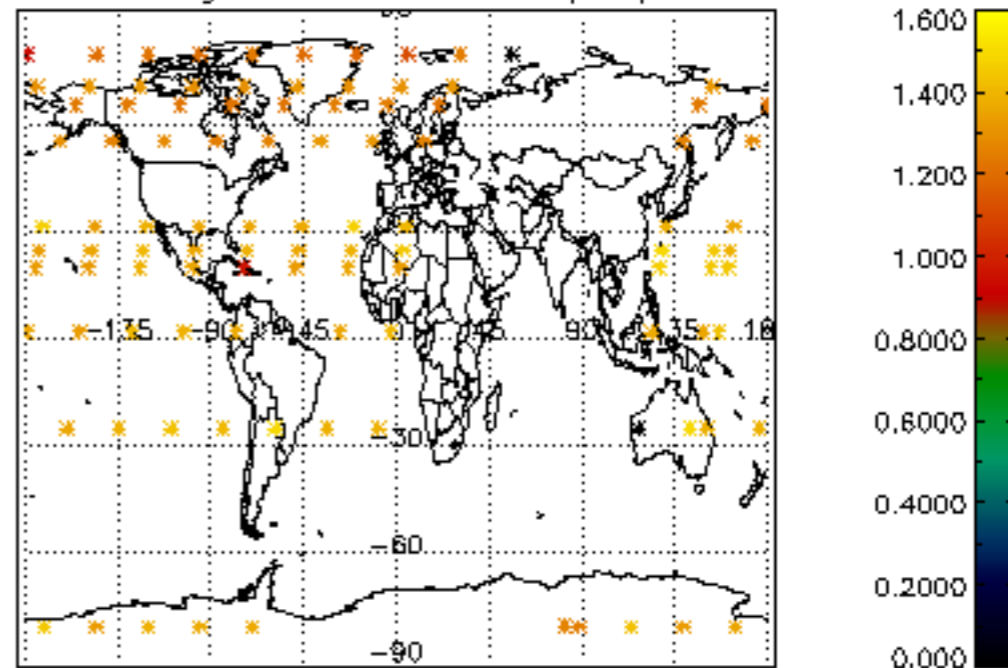
Percentage of saturation errors per profile



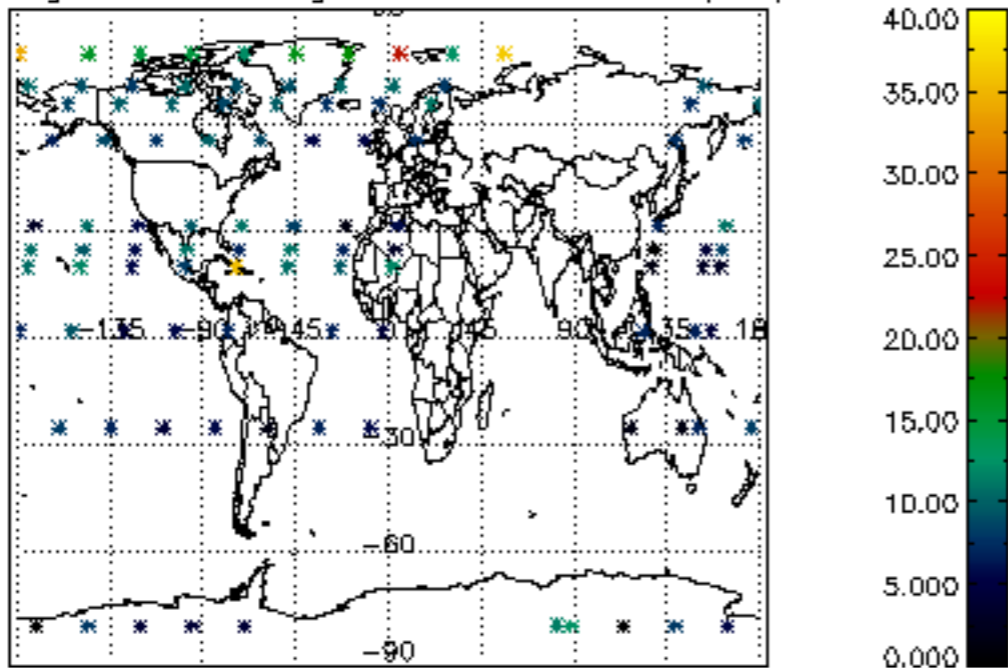
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

