

# 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 10:32:03
Data source version	GOMOS/6.01
Start time of products	17-02-2008 (17FEB2008 00:00:00)
Stop time of products	18-02-2008 (18FEB2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	329
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__2PRFIN20080217_000052_000000862066_00073_31189_6255.N1	17-FEB-2008 00:00:52	Bright	85.500	168	17Zet Aql	2.9860	11000.	171	31189	No
2	GOM_NL__2PRFIN20080217_001206_000000922066_00073_31189_6256.N1	17-FEB-2008 00:12:06	Twilight	92.000	57	34Sig Sgr	2.0660	26000.	184	31189	No
3	GOM_NL__2PRFIN20080217_001453_000000912066_00073_31189_6257.N1	17-FEB-2008 00:14:53	Dark	91.000	38	20Eps Sgr	1.8360	11000.	182	31189	No
4	GOM_NL__2PRFIN20080217_001702_000000992066_00073_31189_6258.N1	17-FEB-2008 00:17:02	Dark	99.000	25	35Lam Sco	1.6200	28000.	198	31189	No
5	GOM_NL__2PRFIN20080217_002132_000000912066_00073_31189_6259.N1	17-FEB-2008 00:21:32	Dark	91.000	141	Bet Ara	2.8400	4600.0	182	31189	No
6	GOM_NL__2PRFIN20080217_002835_000000472066_00074_31190_6337.N1	17-FEB-2008 00:28:35	Dark	46.500	4	Alp1Cen	-0.010000	5800.0	93	31190	No
7	GOM_NL__2PRFIN20080217_002954_000000472066_00074_31190_6338.N1	17-FEB-2008 00:29:54	Dark	46.500	10	Bet Cen	0.61000	28000.	93	31190	No
8	GOM_NL__2PRFIN20080217_003257_000000392066_00074_31190_6339.N1	17-FEB-2008 00:32:57	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	31190	No
9	GOM_NL__2PRFIN20080217_003518_000000372066_00074_31190_6340.N1	17-FEB-2008 00:35:18	Dark	37.000	29	Bet Car	1.6720	10200.	74	31190	No
10	GOM_NL__2PRFIN20080217_003757_000000412066_00074_31190_6341.N1	17-FEB-2008 00:37:57	Dark	40.500	71	lot Car	2.2460	7700.0	81	31190	No
11	GOM_NL__2PRFIN20080217_003934_000000402066_00074_31190_6342.N1	17-FEB-2008 00:39:34	Dark	40.000	46	Del Vel	1.9540	10600.	80	31190	No
12	GOM_NL__2PRFIN20080217_004156_000000392066_00074_31190_6343.N1	17-FEB-2008 00:41:56	Straylight	39.000	34	Gam2Vel	1.7930	23000.	78	31190	No
13	GOM_NL__2PRFIN20080217_004401_000000382066_00074_31190_6344.N1	17-FEB-2008 00:44:01	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	31190	No
14	GOM_NL__2PRFIN20080217_004818_000000402066_00074_31190_6345.N1	17-FEB-2008 00:48:18	Straylight	39.500	132	15Rho Pup	2.8030	6900.0	79	31190	No
15	GOM_NL__2PRFIN20080217_005646_000000382066_00074_31190_6346.N1	17-FEB-2008 00:56:46	Bright	38.000	8	10Alp CMi	0.40000	6500.0	76	31190	No
16	GOM_NL__2PRFIN20080217_010301_000000382066_00074_31190_6347.N1	17-FEB-2008 01:03:01	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	31190	No
17	GOM_NL__2PRFIN20080217_012023_000000352066_00074_31190_6348.N1	17-FEB-2008 01:20:23	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	31190	No
18	GOM_NL__2PRFIN20080217_012723_000000352066_00074_31190_6349.N1	17-FEB-2008 01:27:23	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	31190	No
19	GOM_NL__2PRFIN20080217_013230_000000342066_00074_31190_6350.N1	17-FEB-2008 01:32:30	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	31190	No
20	GOM_NL__2PRFIN20080217_013406_000000352066_00074_31190_6351.N1	17-FEB-2008 01:34:06	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	31190	No
21	GOM_NL__2PRFIN20080217_014219_000000532066_00074_31190_6352.N1	17-FEB-2008 01:42:19	Bright	52.500	168	17Zet Aql	2.9860	11000.	105	31190	No
22	GOM_NL__2PRFIN20080217_015153_000000402066_00074_31190_6353.N1	17-FEB-2008 01:51:53	Twilight	39.500	155	41Pi Sgr	2.9000	6600.0	79	31190	No
23	GOM_NL__2PRFIN20080217_015333_000000392066_00074_31190_6354.N1	17-FEB-2008 01:53:33	Twilight	38.500	57	34Sig Sgr	2.0660	26000.	77	31190	No
24	GOM_NL__2PRFIN20080217_015621_000000402066_00074_31190_6355.N1	17-FEB-2008 01:56:21	Dark	40.000	38	20Eps Sgr	1.8360	11000.	80	31190	No
25	GOM_NL__2PRFIN20080217_015833_000000412066_00074_31190_6356.N1	17-FEB-2008 01:58:33	Dark	40.500	25	35Lam Sco	1.6200	28000.	81	31190	No
26	GOM_NL__2PRFIN20080217_020133_000000372066_00074_31190_6357.N1	17-FEB-2008 02:01:33	Dark	37.000	147	Alp Ara	2.8770	26000.	74	31190	No
27	GOM_NL__2PRFIN20080217_020259_000000432066_00074_31190_6358.N1	17-FEB-2008 02:02:59	Dark	43.000	141	Bet Ara	2.8400	4600.0	86	31190	No
28	GOM_NL__2PRFIN20080217_020912_000000452066_00075_31191_6359.N1	17-FEB-2008 02:09:12	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	31191	No
29	GOM_NL__2PRFIN20080217_021031_000000402066_00075_31191_6360.N1	17-FEB-2008 02:10:31	Dark	40.000	10	Bet Cen	0.61000	28000.	80	31191	No
30	GOM_NL__2PRFIN20080217_021333_000000502066_00075_31191_6361.N1	17-FEB-2008 02:13:33	Dark	49.500	12	Alp1Cru	0.77500	30000.	99	31191	No
31	GOM_NL__2PRFIN20080217_021554_000000422066_00075_31191_6362.N1	17-FEB-2008 02:15:54	Dark	41.500	29	Bet Car	1.6720	10200.	83	31191	No
32	GOM_NL__2PRFIN20080217_021833_000000412066_00075_31191_6363.N1	17-FEB-2008 02:18:33	Dark	40.500	71	lot Car	2.2460	7700.0	81	31191	No
33	GOM_NL__2PRFIN20080217_022010_000000412066_00075_31191_6364.N1	17-FEB-2008 02:20:10	Dark	40.500	46	Del Vel	1.9540	10600.	81	31191	No
34	GOM_NL__2PRFIN20080217_022232_000000422066_00075_31191_6365.N1	17-FEB-2008 02:22:32	Straylight	42.000	34	Gam2Vel	1.7930	23000.	84	31191	No
35	GOM_NL__2PRFIN20080217_022437_000000382066_00075_31191_6366.N1	17-FEB-2008 02:24:37	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	31191	No
36	GOM_NL__2PRFIN20080217_022855_000000412066_00075_31191_6367.N1	17-FEB-2008 02:28:55	Straylight	40.500	132	15Rho Pup	2.8030	6900.0	81	31191	No
37	GOM_NL__2PRFIN20080217_023722_000000412066_00075_31191_6368.N1	17-FEB-2008 02:37:22	Bright	40.500	8	10Alp CMi	0.40000	6500.0	81	31191	No
38	GOM_NL__2PRFIN20080217_024337_000000402066_00075_31191_6369.N1	17-FEB-2008 02:43:37	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	31191	No
39	GOM_NL__2PRFIN20080217_030059_000000352066_00075_31191_6370.N1	17-FEB-2008 03:00:59	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	31191	No
40	GOM_NL__2PRFIN20080217_030759_000000362066_00075_31191_6371.N1	17-FEB-2008 03:07:59	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31191	No
41	GOM_NL__2PRFIN20080217_031306_000000362066_00075_31191_6372.N1	17-FEB-2008 03:13:06	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	31191	No
42	GOM_NL__2PRFIN20080217_031443_000000342066_00075_31191_6373.N1	17-FEB-2008 03:14:43	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	31191	No

43	GOM_NL__2PRFIN20080217_032256_000000342066_00075_31191_6374.N1	17-FEB-2008 03:22:56	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	31191	No
44	GOM_NL__2PRFIN20080217_033230_000000382066_00075_31191_6375.N1	17-FEB-2008 03:32:30	Twilight	38.000	155	41Pi Sgr	2.9000	6600.0	76	31191	No
45	GOM_NL__2PRFIN20080217_033410_000000372066_00075_31191_6376.N1	17-FEB-2008 03:34:10	Twilight	37.000	57	34Sig Sgr	2.0660	26000.	74	31191	No
46	GOM_NL__2PRFIN20080217_033657_000000392066_00075_31191_6377.N1	17-FEB-2008 03:36:57	Dark	38.500	38	20Eps Sgr	1.8360	11000.	77	31191	No
47	GOM_NL__2PRFIN20080217_033910_000000412066_00075_31191_6378.N1	17-FEB-2008 03:39:10	Dark	40.500	25	35Lam Sco	1.6200	28000.	81	31191	No
48	GOM_NL__2PRFIN20080217_034210_000000392066_00075_31191_6379.N1	17-FEB-2008 03:42:10	Dark	38.500	147	Alp Ara	2.8770	26000.	77	31191	No
49	GOM_NL__2PRFIN20080217_034335_000000392066_00075_31191_6380.N1	17-FEB-2008 03:43:35	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	31191	No
50	GOM_NL__2PRFIN20080217_034948_000000442066_00076_31192_6371.N1	17-FEB-2008 03:49:48	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	31192	No
51	GOM_NL__2PRFIN20080217_035107_000000442066_00076_31192_6372.N1	17-FEB-2008 03:51:07	Dark	43.500	10	Bet Cen	0.61000	28000.	87	31192	No
52	GOM_NL__2PRFIN20080217_035410_000000402066_00076_31192_6373.N1	17-FEB-2008 03:54:10	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	31192	No
53	GOM_NL__2PRFIN20080217_035631_000000382066_00076_31192_6374.N1	17-FEB-2008 03:56:31	Dark	37.500	29	Bet Car	1.6720	10200.	75	31192	No
54	GOM_NL__2PRFIN20080217_035909_000000412066_00076_31192_6375.N1	17-FEB-2008 03:59:09	Dark	41.000	71	lot Car	2.2460	7700.0	82	31192	No
55	GOM_NL__2PRFIN20080217_040046_000000372066_00076_31192_6376.N1	17-FEB-2008 04:00:46	Dark	36.500	46	Del Vel	1.9540	10600.	73	31192	No
56	GOM_NL__2PRFIN20080217_040308_000000382066_00076_31192_6377.N1	17-FEB-2008 04:03:08	Straylight	37.500	34	Gam2Vel	1.7930	23000.	75	31192	No
57	GOM_NL__2PRFIN20080217_040513_000000392066_00076_31192_6378.N1	17-FEB-2008 04:05:13	Straylight	38.500	70	Zet Pup	2.2460	39000.	77	31192	No
58	GOM_NL__2PRFIN20080217_040931_000000402066_00076_31192_6379.N1	17-FEB-2008 04:09:31	Straylight	39.500	132	15Rho Pup	2.8030	6900.0	79	31192	No
59	GOM_NL__2PRFIN20080217_041758_000000422066_00076_31192_6380.N1	17-FEB-2008 04:17:58	Bright	41.500	8	10Alp CMi	0.40000	6500.0	83	31192	No
60	GOM_NL__2PRFIN20080217_042414_000000392066_00076_31192_6381.N1	17-FEB-2008 04:24:14	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	31192	No
61	GOM_NL__2PRFIN20080217_044135_000000352066_00076_31192_6382.N1	17-FEB-2008 04:41:35	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	31192	No
62	GOM_NL__2PRFIN20080217_044836_000000362066_00076_31192_6383.N1	17-FEB-2008 04:48:36	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	31192	No
63	GOM_NL__2PRFIN20080217_045342_000000342066_00076_31192_6384.N1	17-FEB-2008 04:53:42	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	31192	No
64	GOM_NL__2PRFIN20080217_045519_000000332066_00076_31192_6385.N1	17-FEB-2008 04:55:19	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	31192	No
65	GOM_NL__2PRFIN20080217_050332_000000342066_00076_31192_6386.N1	17-FEB-2008 05:03:32	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	31192	No
66	GOM_NL__2PRFIN20080217_051306_000000412066_00076_31192_6387.N1	17-FEB-2008 05:13:06	Twilight	40.500	155	41Pi Sgr	2.9000	6600.0	81	31192	No
67	GOM_NL__2PRFIN20080217_051446_000000412066_00076_31192_6388.N1	17-FEB-2008 05:14:46	Twilight	40.500	57	34Sig Sgr	2.0660	26000.	81	31192	No
68	GOM_NL__2PRFIN20080217_051734_000000422066_00076_31192_6389.N1	17-FEB-2008 05:17:34	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	31192	No
69	GOM_NL__2PRFIN20080217_051946_000000442066_00076_31192_6390.N1	17-FEB-2008 05:19:46	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	31192	No
70	GOM_NL__2PRFIN20080217_052246_000000382066_00076_31192_6391.N1	17-FEB-2008 05:22:46	Dark	38.000	147	Alp Ara	2.8770	26000.	76	31192	No
71	GOM_NL__2PRFIN20080217_052412_000000422066_00076_31192_6392.N1	17-FEB-2008 05:24:12	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	31192	No
72	GOM_NL__2PRFIN20080217_053025_000000532066_00077_31193_6385.N1	17-FEB-2008 05:30:25	Dark	53.000	4	Alp1Cen	-0.010000	5800.0	106	31193	No
73	GOM_NL__2PRFIN20080217_053144_000000412066_00077_31193_6386.N1	17-FEB-2008 05:31:44	Dark	41.000	10	Bet Cen	0.61000	28000.	82	31193	No
74	GOM_NL__2PRFIN20080217_053446_000000492066_00077_31193_6387.N1	17-FEB-2008 05:34:46	Dark	48.500	12	Alp1Cru	0.77500	30000.	97	31193	No
75	GOM_NL__2PRFIN20080217_053707_000000362066_00077_31193_6388.N1	17-FEB-2008 05:37:07	Dark	36.000	29	Bet Car	1.6720	10200.	72	31193	No
76	GOM_NL__2PRFIN20080217_053945_000000372066_00077_31193_6389.N1	17-FEB-2008 05:39:45	Dark	37.000	71	lot Car	2.2460	7700.0	74	31193	No
77	GOM_NL__2PRFIN20080217_054122_000000402066_00077_31193_6390.N1	17-FEB-2008 05:41:22	Dark	40.000	46	Del Vel	1.9540	10600.	80	31193	No
78	GOM_NL__2PRFIN20080217_054345_000000402066_00077_31193_6391.N1	17-FEB-2008 05:43:45	Straylight	40.000	34	Gam2Vel	1.7930	23000.	80	31193	No
79	GOM_NL__2PRFIN20080217_054549_000000382066_00077_31193_6392.N1	17-FEB-2008 05:45:49	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	31193	No
80	GOM_NL__2PRFIN20080217_055007_000000382066_00077_31193_6393.N1	17-FEB-2008 05:50:07	Straylight	37.500	132	15Rho Pup	2.8030	6900.0	75	31193	No
81	GOM_NL__2PRFIN20080217_055835_000000492066_00077_31193_6394.N1	17-FEB-2008 05:58:35	Bright	48.500	8	10Alp CMi	0.40000	6500.0	97	31193	No
82	GOM_NL__2PRFIN20080217_060450_000000382066_00077_31193_6395.N1	17-FEB-2008 06:04:50	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	31193	No
83	GOM_NL__2PRFIN20080217_062211_000000342066_00077_31193_6396.N1	17-FEB-2008 06:22:11	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	31193	No
84	GOM_NL__2PRFIN20080217_062912_000000342066_00077_31193_6397.N1	17-FEB-2008 06:29:12	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	31193	No
85	GOM_NL__2PRFIN20080217_063419_000000362066_00077_31193_6398.N1	17-FEB-2008 06:34:19	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	31193	No
86	GOM_NL__2PRFIN20080217_063555_000000332066_00077_31193_6399.N1	17-FEB-2008 06:35:55	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	31193	No
87	GOM_NL__2PRFIN20080217_064408_000000352066_00077_31193_6400.N1	17-FEB-2008 06:44:08	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	31193	No
88	GOM_NL__2PRFIN20080217_065342_000000422066_00077_31193_6401.N1	17-FEB-2008 06:53:42	Twilight	41.500	155	41Pi Sgr	2.9000	6600.0	83	31193	No
89	GOM_NL__2PRFIN20080217_065522_000000402066_00077_31193_6402.N1	17-FEB-2008 06:55:22	Twilight	40.000	57	34Sig Sgr	2.0660	26000.	80	31193	No
90	GOM_NL__2PRFIN20080217_065810_000000422066_00077_31193_6403.N1	17-FEB-2008 06:58:10	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	31193	No
91	GOM_NL__2PRFIN20080217_070023_000000442066_00077_31193_6404.N1	17-FEB-2008 07:00:23	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	31193	No
92	GOM_NL__2PRFIN20080217_070323_000000422066_00077_31193_6405.N1	17-FEB-2008 07:03:23	Dark	41.500	147	Alp Ara	2.8770	26000.	83	31193	No
93	GOM_NL__2PRFIN20080217_070448_000000412066_00077_31193_6406.N1	17-FEB-2008 07:04:48	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	31193	No
94	GOM_NL__2PRFIN20080217_071102_000000522066_00078_31194_6404.N1	17-FEB-2008 07:11:02	Dark	52.000	4	Alp1Cen	-0.010000	5800.0	104	31194	No
95	GOM_NL__2PRFIN20080217_071221_000000412066_00078_31194_6405.N1	17-FEB-2008 07:12:21	Dark	40.500	10	Bet Cen	0.61000	28000.	81	31194	No
96	GOM_NL__2PRFIN20080217_071523_000000452066_00078_31194_6406.N1	17-FEB-2008 07:15:23	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	31194	No
97	GOM_NL__2PRFIN20080217_071743_000000382066_00078_31194_6407.N1	17-FEB-2008 07:17:43	Dark	37.500	29	Bet Car	1.6720	10200.	75	31194	No
98	GOM_NL__2PRFIN20080217_072022_000000382066_00078_31194_6408.N1	17-FEB-2008 07:20:22	Dark	37.500	71	lot Car	2.2460	7700.0	75	31194	No
99	GOM_NL__2PRFIN20080217_072158_000000382066_00078_31194_6409.N1	17-FEB-2008 07:21:58	Dark	38.000	46	Del Vel	1.9540	10600.	76	31194	No
100	GOM_NL__2PRFIN20080217_072421_000000382066_00078_31194_6410.N1	17-FEB-2008 07:24:21	Straylight	37.500	34	Gam2Vel	1.7930	23000.	75	31194	No
101	GOM_NL__2PRFIN20080217_072625_000000402066_00078_31194_6411.N1	17-FEB-2008 07:26:25	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	31194	No

102	GOM_NL__2PRFIN20080217_073043_000000392066_00078_31194_6412.N1	17-FEB-2008 07:30:43	Straylight	38.500	132	15Rho Pup	2.8030	6900.0	77	31194	No
103	GOM_NL__2PRFIN20080217_073911_000000412066_00078_31194_6413.N1	17-FEB-2008 07:39:11	Bright	40.500	8	10Alp CMi	0.40000	6500.0	81	31194	No
104	GOM_NL__2PRFIN20080217_074526_000000382066_00078_31194_6414.N1	17-FEB-2008 07:45:26	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	31194	No
105	GOM_NL__2PRFIN20080217_074634_000000352066_00078_31194_6415.N1	17-FEB-2008 07:46:34	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	31194	No
106	GOM_NL__2PRFIN20080217_080247_000000352066_00078_31194_6416.N1	17-FEB-2008 08:02:47	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	31194	No
107	GOM_NL__2PRFIN20080217_080948_000000362066_00078_31194_6417.N1	17-FEB-2008 08:09:48	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	31194	No
108	GOM_NL__2PRFIN20080217_081455_000000342066_00078_31194_6418.N1	17-FEB-2008 08:14:55	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	31194	No
109	GOM_NL__2PRFIN20080217_081631_000000342066_00078_31194_6419.N1	17-FEB-2008 08:16:31	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	31194	No
110	GOM_NL__2PRFIN20080217_081759_000000292066_00078_31194_6420.N1	17-FEB-2008 08:17:59	Bright	29.000	92	53Eps Cyg	2.5000	4500.0	58	31194	No
111	GOM_NL__2PRFIN20080217_082444_000000352066_00078_31194_6421.N1	17-FEB-2008 08:24:44	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	31194	No
112	GOM_NL__2PRFIN20080217_083418_000000382066_00078_31194_6422.N1	17-FEB-2008 08:34:18	Twilight	38.000	155	41Pi Sgr	2.9000	6600.0	76	31194	No
113	GOM_NL__2PRFIN20080217_083559_000000392066_00078_31194_6423.N1	17-FEB-2008 08:35:59	Twilight	39.000	57	34Sig Sgr	2.0660	26000.	78	31194	No
114	GOM_NL__2PRFIN20080217_083847_000000432066_00078_31194_6424.N1	17-FEB-2008 08:38:47	Dark	42.500	38	20Eps Sgr	1.8360	11000.	85	31194	No
115	GOM_NL__2PRFIN20080217_084059_000000452066_00078_31194_6425.N1	17-FEB-2008 08:40:59	Dark	44.500	25	35Lam Sco	1.6200	28000.	89	31194	No
116	GOM_NL__2PRFIN20080217_084359_000000382066_00078_31194_6426.N1	17-FEB-2008 08:43:59	Dark	37.500	147	Alp Ara	2.8770	26000.	75	31194	No
117	GOM_NL__2PRFIN20080217_084525_000000412066_00078_31194_6427.N1	17-FEB-2008 08:45:25	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	31194	No
118	GOM_NL__2PRFIN20080217_085138_000000502066_00079_31195_6414.N1	17-FEB-2008 08:51:38	Dark	50.000	4	Alp1Cen	-0.010000	5800.0	100	31195	No
119	GOM_NL__2PRFIN20080217_085257_000000412066_00079_31195_6415.N1	17-FEB-2008 08:52:57	Dark	40.500	10	Bet Cen	0.61000	28000.	81	31195	No
120	GOM_NL__2PRFIN20080217_085559_000000502066_00079_31195_6416.N1	17-FEB-2008 08:55:59	Dark	50.000	12	Alp1Cru	0.77500	30000.	100	31195	No
121	GOM_NL__2PRFIN20080217_085819_000000412066_00079_31195_6417.N1	17-FEB-2008 08:58:19	Dark	41.000	29	Bet Car	1.6720	10200.	82	31195	No
122	GOM_NL__2PRFIN20080217_090058_000000372066_00079_31195_6418.N1	17-FEB-2008 09:00:58	Dark	36.500	71	lot Car	2.2460	7700.0	73	31195	No
123	GOM_NL__2PRFIN20080217_090235_000000372066_00079_31195_6419.N1	17-FEB-2008 09:02:35	Dark	36.500	46	Del Vel	1.9540	10600.	73	31195	No
124	GOM_NL__2PRFIN20080217_090457_000000382066_00079_31195_6420.N1	17-FEB-2008 09:04:57	Straylight	37.500	34	Gam2Vel	1.7930	23000.	75	31195	No
125	GOM_NL__2PRFIN20080217_090702_000000392066_00079_31195_6421.N1	17-FEB-2008 09:07:02	Straylight	38.500	70	Zet Pup	2.2460	39000.	77	31195	No
126	GOM_NL__2PRFIN20080217_091119_000000382066_00079_31195_6422.N1	17-FEB-2008 09:11:19	Straylight	37.500	132	15Rho Pup	2.8030	6900.0	75	31195	No
127	GOM_NL__2PRFIN20080217_091947_000000402066_00079_31195_6423.N1	17-FEB-2008 09:19:47	Bright	40.000	8	10Alp CMi	0.40000	6500.0	80	31195	No
128	GOM_NL__2PRFIN20080217_092602_000000442066_00079_31195_6424.N1	17-FEB-2008 09:26:02	Bright	44.000	17	78Bet Gem	1.1610	4500.0	88	31195	No
129	GOM_NL__2PRFIN20080217_092710_000000352066_00079_31195_6425.N1	17-FEB-2008 09:27:10	Bright	34.500	24	66Alp Gem	1.5800	10200.	69	31195	No
130	GOM_NL__2PRFIN20080217_094323_000000362066_00079_31195_6426.N1	17-FEB-2008 09:43:23	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	31195	No
131	GOM_NL__2PRFIN20080217_095024_000000362066_00079_31195_6427.N1	17-FEB-2008 09:50:24	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31195	No
132	GOM_NL__2PRFIN20080217_095531_000000352066_00079_31195_6428.N1	17-FEB-2008 09:55:31	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	31195	No
133	GOM_NL__2PRFIN20080217_095707_000000412066_00079_31195_6429.N1	17-FEB-2008 09:57:07	Bright	41.000	66	37Gam Cyg	2.2080	5900.0	82	31195	No
134	GOM_NL__2PRFIN20080217_095835_000000292066_00079_31195_6430.N1	17-FEB-2008 09:58:35	Bright	29.000	92	53Eps Cyg	2.5000	4500.0	58	31195	No
135	GOM_NL__2PRFIN20080217_100520_000000352066_00079_31195_6431.N1	17-FEB-2008 10:05:20	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	31195	No
136	GOM_NL__2PRFIN20080217_101455_000000412066_00079_31195_6432.N1	17-FEB-2008 10:14:55	Twilight	40.500	155	41Pi Sgr	2.9000	6600.0	81	31195	No
137	GOM_NL__2PRFIN20080217_101635_000000392066_00079_31195_6433.N1	17-FEB-2008 10:16:35	Twilight	38.500	57	34Sig Sgr	2.0660	26000.	77	31195	No
138	GOM_NL__2PRFIN20080217_101923_000000392066_00079_31195_6434.N1	17-FEB-2008 10:19:23	Dark	38.500	38	20Eps Sgr	1.8360	11000.	77	31195	No
139	GOM_NL__2PRFIN20080217_102136_000000422066_00079_31195_6435.N1	17-FEB-2008 10:21:36	Dark	41.500	25	35Lam Sco	1.6200	28000.	83	31195	No
140	GOM_NL__2PRFIN20080217_102435_000000372066_00079_31195_6436.N1	17-FEB-2008 10:24:35	Dark	37.000	147	Alp Ara	2.8770	26000.	74	31195	No
141	GOM_NL__2PRFIN20080217_102601_000000402066_00079_31195_6437.N1	17-FEB-2008 10:26:01	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	31195	No
142	GOM_NL__2PRFIN20080217_103214_000000532066_00080_31196_6437.N1	17-FEB-2008 10:32:14	Dark	53.000	4	Alp1Cen	-0.010000	5800.0	106	31196	No
143	GOM_NL__2PRFIN20080217_103334_000000412066_00080_31196_6438.N1	17-FEB-2008 10:33:34	Dark	41.000	10	Bet Cen	0.61000	28000.	82	31196	No
144	GOM_NL__2PRFIN20080217_103635_000000412066_00080_31196_6439.N1	17-FEB-2008 10:36:35	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	31196	No
145	GOM_NL__2PRFIN20080217_103855_000000362066_00080_31196_6440.N1	17-FEB-2008 10:38:55	Dark	36.000	29	Bet Car	1.6720	10200.	72	31196	No
146	GOM_NL__2PRFIN20080217_104134_000000372066_00080_31196_6441.N1	17-FEB-2008 10:41:34	Dark	37.000	71	lot Car	2.2460	7700.0	74	31196	No
147	GOM_NL__2PRFIN20080217_104311_000000362066_00080_31196_6442.N1	17-FEB-2008 10:43:11	Dark	35.500	46	Del Vel	1.9540	10600.	71	31196	No
148	GOM_NL__2PRFIN20080217_104533_000000392066_00080_31196_6443.N1	17-FEB-2008 10:45:33	Straylight	39.000	34	Gam2Vel	1.7930	23000.	78	31196	No
149	GOM_NL__2PRFIN20080217_104737_000000402066_00080_31196_6444.N1	17-FEB-2008 10:47:37	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	31196	No
150	GOM_NL__2PRFIN20080217_105155_000000402066_00080_31196_6445.N1	17-FEB-2008 10:51:55	Straylight	39.500	132	15Rho Pup	2.8030	6900.0	79	31196	No
151	GOM_NL__2PRFIN20080217_110023_000000422066_00080_31196_6446.N1	17-FEB-2008 11:00:23	Bright	42.000	8	10Alp CMi	0.40000	6500.0	84	31196	No
152	GOM_NL__2PRFIN20080217_110638_000000352066_00080_31196_6447.N1	17-FEB-2008 11:06:38	Bright	34.500	17	78Bet Gem	1.1610	4500.0	69	31196	No
153	GOM_NL__2PRFIN20080217_110747_000000342066_00080_31196_6448.N1	17-FEB-2008 11:07:47	Bright	33.500	24	66Alp Gem	1.5800	10200.	67	31196	No
154	GOM_NL__2PRFIN20080217_112358_000000372066_00080_31196_6449.N1	17-FEB-2008 11:23:58	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	31196	No
155	GOM_NL__2PRFIN20080217_113100_000000362066_00080_31196_6450.N1	17-FEB-2008 11:31:00	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31196	No
156	GOM_NL__2PRFIN20080217_113607_000000352066_00080_31196_6451.N1	17-FEB-2008 11:36:07	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	31196	No
157	GOM_NL__2PRFIN20080217_113743_000000512066_00080_31196_6452.N1	17-FEB-2008 11:37:43	Bright	51.000	66	37Gam Cyg	2.2080	5900.0	102	31196	No
158	GOM_NL__2PRFIN20080217_113911_000000342066_00080_31196_6453.N1	17-FEB-2008 11:39:11	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	31196	No
159	GOM_NL__2PRFIN20080217_114557_000000352066_00080_31196_6454.N1	17-FEB-2008 11:45:57	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	31196	No
160	GOM_NL__2PRFIN20080217_115531_000000392066_00080_31196_6455.N1	17-FEB-2008 11:55:31	Twilight	38.500	155	41Pi Sgr	2.9000	6600.0	77	31196	No



161	GOM_NL__2PRFIN20080217_115711_000000412066_00080_31196_6456.N1	17-FEB-2008 11:57:11	Twilight	40.500	57	34Sig Sgr	2.0660	26000.	81	31196	No
162	GOM_NL__2PRFIN20080217_115959_000000392066_00080_31196_6457.N1	17-FEB-2008 11:59:59	Dark	38.500	38	20Eps Sgr	1.8360	11000.	77	31196	No
163	GOM_NL__2PRFIN20080217_120212_000000422066_00080_31196_6458.N1	17-FEB-2008 12:02:12	Dark	42.000	25	35Lam Sco	1.6200	28000.	84	31196	No
164	GOM_NL__2PRFIN20080217_120512_000000382066_00080_31196_6459.N1	17-FEB-2008 12:05:12	Dark	37.500	147	Alp Ara	2.8770	26000.	75	31196	No
165	GOM_NL__2PRFIN20080217_120637_000000382066_00080_31196_6460.N1	17-FEB-2008 12:06:37	Dark	38.000	141	Bet Ara	2.8400	4600.0	76	31196	No
166	GOM_NL__2PRFIN20080217_121251_000000442066_00081_31197_6452.N1	17-FEB-2008 12:12:51	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	31197	No
167	GOM_NL__2PRFIN20080217_121410_000000412066_00081_31197_6453.N1	17-FEB-2008 12:14:10	Dark	40.500	10	Bet Cen	0.61000	28000.	81	31197	No
168	GOM_NL__2PRFIN20080217_121712_000000512066_00081_31197_6454.N1	17-FEB-2008 12:17:12	Dark	50.500	12	Alp1Cru	0.77500	30000.	101	31197	No
169	GOM_NL__2PRFIN20080217_121931_000000452066_00081_31197_6455.N1	17-FEB-2008 12:19:31	Dark	45.000	29	Bet Car	1.6720	10200.	90	31197	No
170	GOM_NL__2PRFIN20080217_122210_000000422066_00081_31197_6456.N1	17-FEB-2008 12:22:10	Dark	42.000	71	lot Car	2.2460	7700.0	84	31197	No
171	GOM_NL__2PRFIN20080217_122347_000000372066_00081_31197_6457.N1	17-FEB-2008 12:23:47	Dark	37.000	46	Del Vel	1.9540	10600.	74	31197	No
172	GOM_NL__2PRFIN20080217_122609_000000412066_00081_31197_6458.N1	17-FEB-2008 12:26:09	Straylight	41.000	34	Gam2Vel	1.7930	23000.	82	31197	No
173	GOM_NL__2PRFIN20080217_122813_000000422066_00081_31197_6459.N1	17-FEB-2008 12:28:13	Straylight	41.500	70	Zet Pup	2.2460	39000.	83	31197	No
174	GOM_NL__2PRFIN20080217_123231_000000412066_00081_31197_6460.N1	17-FEB-2008 12:32:31	Straylight	40.500	132	15Rho Pup	2.8030	6900.0	81	31197	No
175	GOM_NL__2PRFIN20080217_124059_000000432066_00081_31197_6461.N1	17-FEB-2008 12:40:59	Bright	43.000	8	10Alp CMi	0.40000	6500.0	86	31197	No
176	GOM_NL__2PRFIN20080217_124714_000000362066_00081_31197_6462.N1	17-FEB-2008 12:47:14	Bright	36.000	17	78Bet Gem	1.1610	4500.0	72	31197	No
177	GOM_NL__2PRFIN20080217_124822_000000362066_00081_31197_6463.N1	17-FEB-2008 12:48:22	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	31197	No
178	GOM_NL__2PRFIN20080217_130434_000000342066_00081_31197_6464.N1	17-FEB-2008 13:04:34	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	31197	No
179	GOM_NL__2PRFIN20080217_131137_000000362066_00081_31197_6465.N1	17-FEB-2008 13:11:37	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31197	No
180	GOM_NL__2PRFIN20080217_131643_000000352066_00081_31197_6466.N1	17-FEB-2008 13:16:43	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	31197	No
181	GOM_NL__2PRFIN20080217_131819_000000332066_00081_31197_6467.N1	17-FEB-2008 13:18:19	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	31197	No
182	GOM_NL__2PRFIN20080217_131947_000000332066_00081_31197_6468.N1	17-FEB-2008 13:19:47	Bright	33.000	92	53Eps Cyg	2.5000	4500.0	66	31197	No
183	GOM_NL__2PRFIN20080217_132633_000000532066_00081_31197_6469.N1	17-FEB-2008 13:26:33	Bright	53.000	168	17Zet Aql	2.9860	11000.	106	31197	No
184	GOM_NL__2PRFIN20080217_133607_000000382066_00081_31197_6470.N1	17-FEB-2008 13:36:07	Twilight	37.500	155	41Pi Sgr	2.9000	6600.0	75	31197	No
185	GOM_NL__2PRFIN20080217_133747_000000382066_00081_31197_6471.N1	17-FEB-2008 13:37:47	Twilight	38.000	57	34Sig Sgr	2.0660	26000.	76	31197	No
186	GOM_NL__2PRFIN20080217_134035_000000432066_00081_31197_6472.N1	17-FEB-2008 13:40:35	Dark	42.500	38	20Eps Sgr	1.8360	11000.	85	31197	No
187	GOM_NL__2PRFIN20080217_134249_000000452066_00081_31197_6473.N1	17-FEB-2008 13:42:49	Dark	45.000	25	35Lam Sco	1.6200	28000.	90	31197	No
188	GOM_NL__2PRFIN20080217_134548_000000372066_00081_31197_6474.N1	17-FEB-2008 13:45:48	Dark	36.500	147	Alp Ara	2.8770	26000.	73	31197	No
189	GOM_NL__2PRFIN20080217_134714_000000392066_00081_31197_6475.N1	17-FEB-2008 13:47:14	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	31197	No
190	GOM_NL__2PRFIN20080217_135327_000000432066_00082_31198_6467.N1	17-FEB-2008 13:53:27	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	31198	No
191	GOM_NL__2PRFIN20080217_135447_000000412066_00082_31198_6468.N1	17-FEB-2008 13:54:47	Dark	40.500	10	Bet Cen	0.61000	28000.	81	31198	No
192	GOM_NL__2PRFIN20080217_135748_000000392066_00082_31198_6469.N1	17-FEB-2008 13:57:48	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	31198	No
193	GOM_NL__2PRFIN20080217_140007_000000382066_00082_31198_6470.N1	17-FEB-2008 14:00:07	Dark	37.500	29	Bet Car	1.6720	10200.	75	31198	No
194	GOM_NL__2PRFIN20080217_140246_000000372066_00082_31198_6471.N1	17-FEB-2008 14:02:46	Dark	37.000	71	lot Car	2.2460	7700.0	74	31198	No
195	GOM_NL__2PRFIN20080217_140423_000000392066_00082_31198_6472.N1	17-FEB-2008 14:04:23	Dark	38.500	46	Del Vel	1.9540	10600.	77	31198	No
196	GOM_NL__2PRFIN20080217_140645_000000402066_00082_31198_6473.N1	17-FEB-2008 14:06:45	Straylight	39.500	34	Gam2Vel	1.7930	23000.	79	31198	No
197	GOM_NL__2PRFIN20080217_140850_000000392066_00082_31198_6474.N1	17-FEB-2008 14:08:50	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	31198	No
198	GOM_NL__2PRFIN20080217_141307_000000392066_00082_31198_6475.N1	17-FEB-2008 14:13:07	Straylight	39.000	132	15Rho Pup	2.8030	6900.0	78	31198	No
199	GOM_NL__2PRFIN20080217_142135_000000442066_00082_31198_6476.N1	17-FEB-2008 14:21:35	Bright	44.000	8	10Alp CMi	0.40000	6500.0	88	31198	No
200	GOM_NL__2PRFIN20080217_142750_000000372066_00082_31198_6477.N1	17-FEB-2008 14:27:50	Bright	37.000	17	78Bet Gem	1.1610	4500.0	74	31198	No
201	GOM_NL__2PRFIN20080217_142859_000000362066_00082_31198_6478.N1	17-FEB-2008 14:28:59	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	31198	No
202	GOM_NL__2PRFIN20080217_144510_000000352066_00082_31198_6479.N1	17-FEB-2008 14:45:10	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	31198	No
203	GOM_NL__2PRFIN20080217_145213_000000352066_00082_31198_6480.N1	17-FEB-2008 14:52:13	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	31198	No
204	GOM_NL__2PRFIN20080217_145719_000000362066_00082_31198_6481.N1	17-FEB-2008 14:57:19	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	31198	No
205	GOM_NL__2PRFIN20080217_145855_000000332066_00082_31198_6482.N1	17-FEB-2008 14:58:55	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	31198	No
206	GOM_NL__2PRFIN20080217_150023_000000332066_00082_31198_6483.N1	17-FEB-2008 15:00:23	Bright	32.500	92	53Eps Cyg	2.5000	4500.0	65	31198	No
207	GOM_NL__2PRFIN20080217_150709_000000352066_00082_31198_6484.N1	17-FEB-2008 15:07:09	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	31198	No
208	GOM_NL__2PRFIN20080217_151643_000000402066_00082_31198_6485.N1	17-FEB-2008 15:16:43	Twilight	40.000	155	41Pi Sgr	2.9000	6600.0	80	31198	No
209	GOM_NL__2PRFIN20080217_151823_000000422066_00082_31198_6486.N1	17-FEB-2008 15:18:23	Twilight	41.500	57	34Sig Sgr	2.0660	26000.	83	31198	No
210	GOM_NL__2PRFIN20080217_152112_000000442066_00082_31198_6487.N1	17-FEB-2008 15:21:12	Dark	43.500	38	20Eps Sgr	1.8360	11000.	87	31198	No
211	GOM_NL__2PRFIN20080217_152325_000000412066_00082_31198_6488.N1	17-FEB-2008 15:23:25	Dark	40.500	25	35Lam Sco	1.6200	28000.	81	31198	No
212	GOM_NL__2PRFIN20080217_152624_000000382066_00082_31198_6489.N1	17-FEB-2008 15:26:24	Dark	38.000	147	Alp Ara	2.8770	26000.	76	31198	No
213	GOM_NL__2PRFIN20080217_152750_000000412066_00082_31198_6490.N1	17-FEB-2008 15:27:50	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	31198	No
214	GOM_NL__2PRFIN20080217_153404_000000452066_00083_31199_6478.N1	17-FEB-2008 15:34:04	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	31199	No
215	GOM_NL__2PRFIN20080217_153523_000000452066_00083_31199_6479.N1	17-FEB-2008 15:35:23	Dark	45.000	10	Bet Cen	0.61000	28000.	90	31199	No
216	GOM_NL__2PRFIN20080217_153825_000000432066_00083_31199_6480.N1	17-FEB-2008 15:38:25	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	31199	No
217	GOM_NL__2PRFIN20080217_154043_000000372066_00083_31199_6481.N1	17-FEB-2008 15:40:43	Dark	36.500	29	Bet Car	1.6720	10200.	73	31199	No
218	GOM_NL__2PRFIN20080217_154322_000000372066_00083_31199_6482.N1	17-FEB-2008 15:43:22	Dark	36.500	71	lot Car	2.2460	7700.0	73	31199	No
219	GOM_NL__2PRFIN20080217_154459_000000372066_00083_31199_6483.N1	17-FEB-2008 15:44:59	Dark	36.500	46	Del Vel	1.9540	10600.	73	31199	No

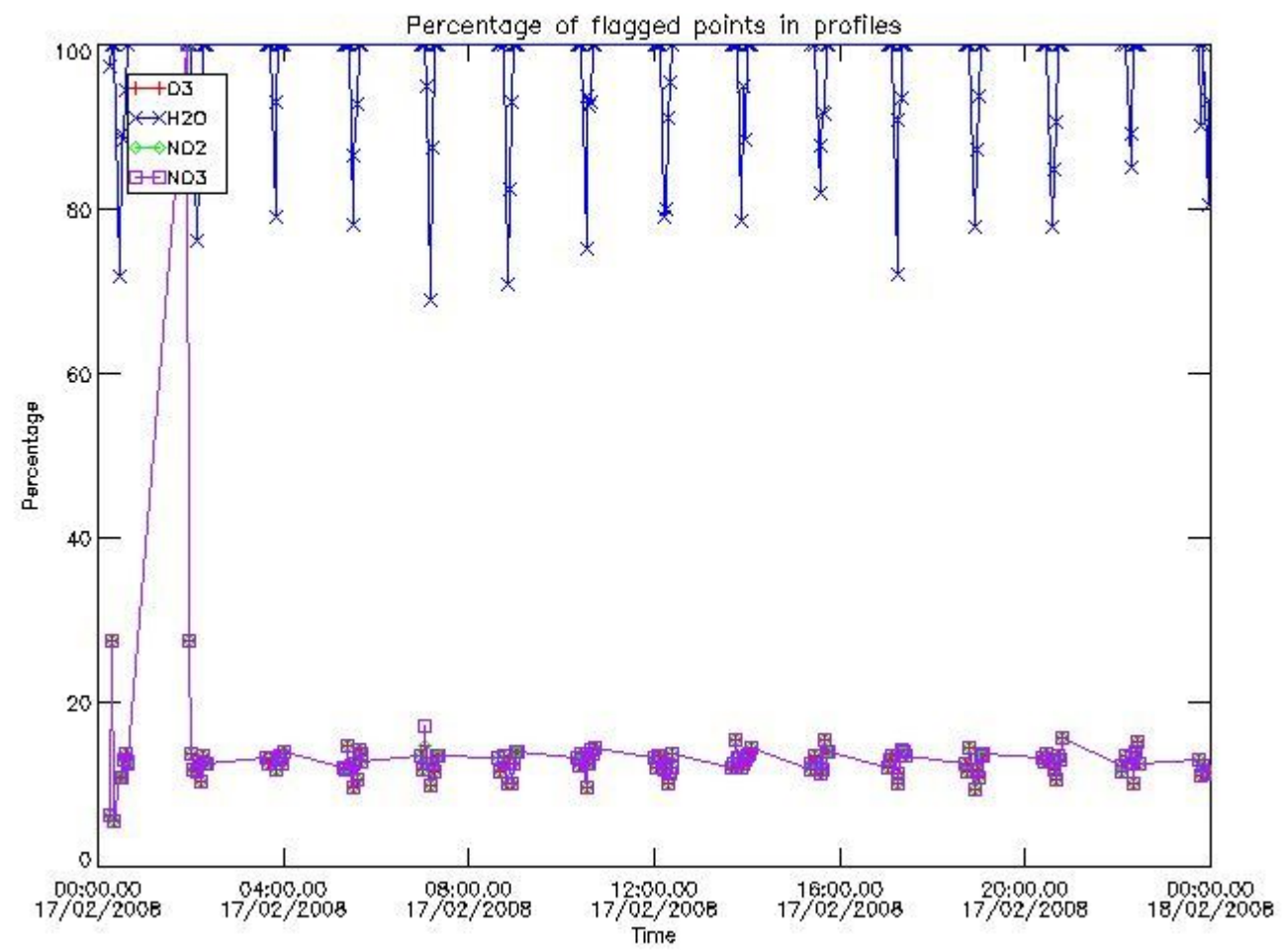
220	GOM_NL__2PRFIN20080217_154721_000000422066_00083_31199_6484.N1	17-FEB-2008 15:47:21	Straylight	42.000	34	Gam2Vel	1.7930	23000.	84	31199	No
221	GOM_NL__2PRFIN20080217_154926_000000382066_00083_31199_6485.N1	17-FEB-2008 15:49:26	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	31199	No
222	GOM_NL__2PRFIN20080217_155343_000000392066_00083_31199_6486.N1	17-FEB-2008 15:53:43	Straylight	39.000	132	15Rho Pup	2.8030	6900.0	78	31199	No
223	GOM_NL__2PRFIN20080217_160211_000000412066_00083_31199_6487.N1	17-FEB-2008 16:02:11	Bright	41.000	8	10Alp CMi	0.40000	6500.0	82	31199	No
224	GOM_NL__2PRFIN20080217_160826_000000372066_00083_31199_6488.N1	17-FEB-2008 16:08:26	Bright	36.500	17	78Bet Gem	1.1610	4500.0	73	31199	No
225	GOM_NL__2PRFIN20080217_160935_000000362066_00083_31199_6489.N1	17-FEB-2008 16:09:35	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	31199	No
226	GOM_NL__2PRFIN20080217_162546_000000362066_00083_31199_6490.N1	17-FEB-2008 16:25:46	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	31199	No
227	GOM_NL__2PRFIN20080217_163249_000000342066_00083_31199_6491.N1	17-FEB-2008 16:32:49	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	31199	No
228	GOM_NL__2PRFIN20080217_163755_000000342066_00083_31199_6492.N1	17-FEB-2008 16:37:55	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	31199	No
229	GOM_NL__2PRFIN20080217_163932_000000342066_00083_31199_6493.N1	17-FEB-2008 16:39:32	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	31199	No
230	GOM_NL__2PRFIN20080217_165719_000000392066_00083_31199_6494.N1	17-FEB-2008 16:57:19	Twilight	38.500	155	41Pi Sgr	2.9000	6600.0	77	31199	No
231	GOM_NL__2PRFIN20080217_165900_000000412066_00083_31199_6495.N1	17-FEB-2008 16:59:00	Twilight	40.500	57	34Sig Sgr	2.0660	26000.	81	31199	No
232	GOM_NL__2PRFIN20080217_170148_000000432066_00083_31199_6496.N1	17-FEB-2008 17:01:48	Dark	42.500	38	20Eps Sgr	1.8360	11000.	85	31199	No
233	GOM_NL__2PRFIN20080217_170402_000000402066_00083_31199_6497.N1	17-FEB-2008 17:04:02	Dark	39.500	25	35Lam Sco	1.6200	28000.	79	31199	No
234	GOM_NL__2PRFIN20080217_170701_000000382066_00083_31199_6498.N1	17-FEB-2008 17:07:01	Dark	37.500	147	Alp Ara	2.8770	26000.	75	31199	No
235	GOM_NL__2PRFIN20080217_170826_000000382066_00083_31199_6499.N1	17-FEB-2008 17:08:26	Dark	38.000	141	Bet Ara	2.8400	4600.0	76	31199	No
236	GOM_NL__2PRFIN20080217_171441_000000452066_00084_31200_6499.N1	17-FEB-2008 17:14:41	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	31200	No
237	GOM_NL__2PRFIN20080217_171600_000000502066_00084_31200_6500.N1	17-FEB-2008 17:16:00	Dark	50.000	10	Bet Cen	0.61000	28000.	100	31200	No
238	GOM_NL__2PRFIN20080217_171901_000000402066_00084_31200_6501.N1	17-FEB-2008 17:19:01	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	31200	No
239	GOM_NL__2PRFIN20080217_172119_000000372066_00084_31200_6502.N1	17-FEB-2008 17:21:19	Dark	36.500	29	Bet Car	1.6720	10200.	73	31200	No
240	GOM_NL__2PRFIN20080217_172359_000000372066_00084_31200_6503.N1	17-FEB-2008 17:23:59	Dark	36.500	71	lot Car	2.2460	7700.0	73	31200	No
241	GOM_NL__2PRFIN20080217_172535_000000382066_00084_31200_6504.N1	17-FEB-2008 17:25:35	Dark	38.000	46	Del Vel	1.9540	10600.	76	31200	No
242	GOM_NL__2PRFIN20080217_172757_000000402066_00084_31200_6505.N1	17-FEB-2008 17:27:57	Straylight	39.500	34	Gam2Vel	1.7930	23000.	79	31200	No
243	GOM_NL__2PRFIN20080217_173002_000000392066_00084_31200_6506.N1	17-FEB-2008 17:30:02	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	31200	No
244	GOM_NL__2PRFIN20080217_173420_000000382066_00084_31200_6507.N1	17-FEB-2008 17:34:20	Straylight	38.000	132	15Rho Pup	2.8030	6900.0	76	31200	No
245	GOM_NL__2PRFIN20080217_174247_000000432066_00084_31200_6508.N1	17-FEB-2008 17:42:47	Bright	42.500	8	10Alp CMi	0.40000	6500.0	85	31200	No
246	GOM_NL__2PRFIN20080217_174902_000000382066_00084_31200_6509.N1	17-FEB-2008 17:49:02	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	31200	No
247	GOM_NL__2PRFIN20080217_175011_000000372066_00084_31200_6510.N1	17-FEB-2008 17:50:11	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	31200	No
248	GOM_NL__2PRFIN20080217_180622_000000362066_00084_31200_6511.N1	17-FEB-2008 18:06:22	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	31200	No
249	GOM_NL__2PRFIN20080217_181325_000000332066_00084_31200_6512.N1	17-FEB-2008 18:13:25	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	31200	No
250	GOM_NL__2PRFIN20080217_181832_000000342066_00084_31200_6513.N1	17-FEB-2008 18:18:32	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	31200	No
251	GOM_NL__2PRFIN20080217_182008_000000332066_00084_31200_6514.N1	17-FEB-2008 18:20:08	Bright	32.500	66	37Gam Cyg	2.2080	5900.0	65	31200	No
252	GOM_NL__2PRFIN20080217_182135_000000342066_00084_31200_6515.N1	17-FEB-2008 18:21:35	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	31200	No
253	GOM_NL__2PRFIN20080217_182821_000000352066_00084_31200_6516.N1	17-FEB-2008 18:28:21	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	31200	No
254	GOM_NL__2PRFIN20080217_183756_000000392066_00084_31200_6517.N1	17-FEB-2008 18:37:56	Twilight	39.000	155	41Pi Sgr	2.9000	6600.0	78	31200	No
255	GOM_NL__2PRFIN20080217_183936_000000412066_00084_31200_6518.N1	17-FEB-2008 18:39:36	Twilight	40.500	57	34Sig Sgr	2.0660	26000.	81	31200	No
256	GOM_NL__2PRFIN20080217_184225_000000412066_00084_31200_6519.N1	17-FEB-2008 18:42:25	Dark	40.500	38	20Eps Sgr	1.8360	11000.	81	31200	No
257	GOM_NL__2PRFIN20080217_184439_000000442066_00084_31200_6520.N1	17-FEB-2008 18:44:39	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	31200	No
258	GOM_NL__2PRFIN20080217_184737_000000392066_00084_31200_6521.N1	17-FEB-2008 18:47:37	Dark	38.500	147	Alp Ara	2.8770	26000.	77	31200	No
259	GOM_NL__2PRFIN20080217_185517_000000552066_00085_31201_6510.N1	17-FEB-2008 18:55:17	Dark	54.500	4	Alp1Cen	-0.010000	5800.0	109	31201	No
260	GOM_NL__2PRFIN20080217_185637_000000442066_00085_31201_6511.N1	17-FEB-2008 18:56:37	Dark	43.500	10	Bet Cen	0.61000	28000.	87	31201	No
261	GOM_NL__2PRFIN20080217_185937_000000482066_00085_31201_6512.N1	17-FEB-2008 18:59:37	Dark	47.500	12	Alp1Cru	0.77500	30000.	95	31201	No
262	GOM_NL__2PRFIN20080217_190156_000000382066_00085_31201_6513.N1	17-FEB-2008 19:01:56	Dark	37.500	29	Bet Car	1.6720	10200.	75	31201	No
263	GOM_NL__2PRFIN20080217_190435_000000382066_00085_31201_6514.N1	17-FEB-2008 19:04:35	Dark	38.000	71	lot Car	2.2460	7700.0	76	31201	No
264	GOM_NL__2PRFIN20080217_190611_000000372066_00085_31201_6515.N1	17-FEB-2008 19:06:11	Dark	37.000	46	Del Vel	1.9540	10600.	74	31201	No
265	GOM_NL__2PRFIN20080217_190833_000000382066_00085_31201_6516.N1	17-FEB-2008 19:08:33	Straylight	37.500	34	Gam2Vel	1.7930	23000.	75	31201	No
266	GOM_NL__2PRFIN20080217_191038_000000382066_00085_31201_6517.N1	17-FEB-2008 19:10:38	Straylight	37.500	70	Zet Pup	2.2460	39000.	75	31201	No
267	GOM_NL__2PRFIN20080217_191456_000000402066_00085_31201_6518.N1	17-FEB-2008 19:14:56	Straylight	40.000	132	15Rho Pup	2.8030	6900.0	80	31201	No
268	GOM_NL__2PRFIN20080217_192324_000000452066_00085_31201_6519.N1	17-FEB-2008 19:23:24	Bright	45.000	8	10Alp CMi	0.40000	6500.0	90	31201	No
269	GOM_NL__2PRFIN20080217_192938_000000372066_00085_31201_6520.N1	17-FEB-2008 19:29:38	Bright	36.500	17	78Bet Gem	1.1610	4500.0	73	31201	No
270	GOM_NL__2PRFIN20080217_193047_000000362066_00085_31201_6521.N1	17-FEB-2008 19:30:47	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	31201	No
271	GOM_NL__2PRFIN20080217_194658_000000382066_00085_31201_6522.N1	17-FEB-2008 19:46:58	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	31201	No
272	GOM_NL__2PRFIN20080217_195401_000000372066_00085_31201_6523.N1	17-FEB-2008 19:54:01	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	31201	No
273	GOM_NL__2PRFIN20080217_195908_000000332066_00085_31201_6524.N1	17-FEB-2008 19:59:08	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	31201	No
274	GOM_NL__2PRFIN20080217_200044_000000512066_00085_31201_6525.N1	17-FEB-2008 20:00:44	Bright	51.000	66	37Gam Cyg	2.2080	5900.0	102	31201	No
275	GOM_NL__2PRFIN20080217_200212_000000352066_00085_31201_6526.N1	17-FEB-2008 20:02:12	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	31201	No
276	GOM_NL__2PRFIN20080217_200858_000000352066_00085_31201_6527.N1	17-FEB-2008 20:08:58	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	31201	No
277	GOM_NL__2PRFIN20080217_201832_000000392066_00085_31201_6528.N1	17-FEB-2008 20:18:32	Twilight	38.500	155	41Pi Sgr	2.9000	6600.0	77	31201	No
278	GOM_NL__2PRFIN20080217_202012_000000422066_00085_31201_6529.N1	17-FEB-2008 20:20:12	Twilight	42.000	57	34Sig Sgr	2.0660	26000.	84	31201	No

279	GOM_NL__2PRFIN20080217_202301_000000392066_00085_31201_6530.N1	17-FEB-2008 20:23:01	Dark	38.500	38	20Eps Sgr	1.8360	11000.	77	31201	No
280	GOM_NL__2PRFIN20080217_202515_000000402066_00085_31201_6531.N1	17-FEB-2008 20:25:15	Dark	40.000	25	35Lam Sco	1.6200	28000.	80	31201	No
281	GOM_NL__2PRFIN20080217_202814_000000372066_00085_31201_6532.N1	17-FEB-2008 20:28:14	Dark	37.000	147	Alp Ara	2.8770	26000.	74	31201	No
282	GOM_NL__2PRFIN20080217_203554_000000442066_00086_31202_6525.N1	17-FEB-2008 20:35:54	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	31202	No
283	GOM_NL__2PRFIN20080217_203713_000000432066_00086_31202_6526.N1	17-FEB-2008 20:37:13	Dark	43.000	10	Bet Cen	0.61000	28000.	86	31202	No
284	GOM_NL__2PRFIN20080217_204014_000000482066_00086_31202_6527.N1	17-FEB-2008 20:40:14	Dark	48.000	12	Alp1Cru	0.77500	30000.	96	31202	No
285	GOM_NL__2PRFIN20080217_204232_000000382066_00086_31202_6528.N1	17-FEB-2008 20:42:32	Dark	37.500	29	Bet Car	1.6720	10200.	75	31202	No
286	GOM_NL__2PRFIN20080217_204511_000000392066_00086_31202_6529.N1	17-FEB-2008 20:45:11	Dark	39.000	71	lot Car	2.2460	7700.0	78	31202	No
287	GOM_NL__2PRFIN20080217_204647_000000362066_00086_31202_6530.N1	17-FEB-2008 20:46:47	Dark	36.000	46	Del Vel	1.9540	10600.	72	31202	No
288	GOM_NL__2PRFIN20080217_204909_000000412066_00086_31202_6531.N1	17-FEB-2008 20:49:09	Straylight	40.500	34	Gam2Vel	1.7930	23000.	81	31202	No
289	GOM_NL__2PRFIN20080217_205114_000000382066_00086_31202_6532.N1	17-FEB-2008 20:51:14	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	31202	No
290	GOM_NL__2PRFIN20080217_205532_000000362066_00086_31202_6533.N1	17-FEB-2008 20:55:32	Straylight	35.500	132	15Rho Pup	2.8030	6900.0	71	31202	No
291	GOM_NL__2PRFIN20080217_210400_000000422066_00086_31202_6534.N1	17-FEB-2008 21:04:00	Bright	41.500	8	10Alp CMi	0.40000	6500.0	83	31202	No
292	GOM_NL__2PRFIN20080217_211014_000000362066_00086_31202_6535.N1	17-FEB-2008 21:10:14	Bright	36.000	17	78Bet Gem	1.1610	4500.0	72	31202	No
293	GOM_NL__2PRFIN20080217_211123_000000362066_00086_31202_6536.N1	17-FEB-2008 21:11:23	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	31202	No
294	GOM_NL__2PRFIN20080217_212734_000000352066_00086_31202_6537.N1	17-FEB-2008 21:27:34	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	31202	No
295	GOM_NL__2PRFIN20080217_213437_000000332066_00086_31202_6538.N1	17-FEB-2008 21:34:37	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	31202	No
296	GOM_NL__2PRFIN20080217_213944_000000512066_00086_31202_6539.N1	17-FEB-2008 21:39:44	Bright	51.000	19	50Alp Cyg	1.2460	10500.	102	31202	No
297	GOM_NL__2PRFIN20080217_214120_000000512066_00086_31202_6540.N1	17-FEB-2008 21:41:20	Bright	51.000	66	37Gam Cyg	2.2080	5900.0	102	31202	No
298	GOM_NL__2PRFIN20080217_214248_000000352066_00086_31202_6541.N1	17-FEB-2008 21:42:48	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	31202	No
299	GOM_NL__2PRFIN20080217_214934_000000352066_00086_31202_6542.N1	17-FEB-2008 21:49:34	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	31202	No
300	GOM_NL__2PRFIN20080217_215908_000000412066_00086_31202_6543.N1	17-FEB-2008 21:59:08	Twilight	40.500	155	41Pi Sgr	2.9000	6600.0	81	31202	No
301	GOM_NL__2PRFIN20080217_220048_000000392066_00086_31202_6544.N1	17-FEB-2008 22:00:48	Twilight	39.000	57	34Sig Sgr	2.0660	26000.	78	31202	No
302	GOM_NL__2PRFIN20080217_220337_000000422066_00086_31202_6545.N1	17-FEB-2008 22:03:37	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	31202	No
303	GOM_NL__2PRFIN20080217_220552_000000452066_00086_31202_6546.N1	17-FEB-2008 22:05:52	Dark	44.500	25	35Lam Sco	1.6200	28000.	89	31202	No
304	GOM_NL__2PRFIN20080217_220850_000000382066_00086_31202_6547.N1	17-FEB-2008 22:08:50	Dark	38.000	147	Alp Ara	2.8770	26000.	76	31202	No
305	GOM_NL__2PRFIN20080217_221016_000000382066_00086_31202_6548.N1	17-FEB-2008 22:10:16	Dark	38.000	141	Bet Ara	2.8400	4600.0	76	31202	No
306	GOM_NL__2PRFIN20080217_221630_000000412066_00087_31203_6541.N1	17-FEB-2008 22:16:30	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	31203	No
307	GOM_NL__2PRFIN20080217_221750_000000422066_00087_31203_6542.N1	17-FEB-2008 22:17:50	Dark	42.000	10	Bet Cen	0.61000	28000.	84	31203	No
308	GOM_NL__2PRFIN20080217_222050_000000502066_00087_31203_6543.N1	17-FEB-2008 22:20:50	Dark	50.000	12	Alp1Cru	0.77500	30000.	100	31203	No
309	GOM_NL__2PRFIN20080217_222308_000000372066_00087_31203_6544.N1	17-FEB-2008 22:23:08	Dark	36.500	29	Bet Car	1.6720	10200.	73	31203	No
310	GOM_NL__2PRFIN20080217_222547_000000372066_00087_31203_6545.N1	17-FEB-2008 22:25:47	Dark	37.000	71	lot Car	2.2460	7700.0	74	31203	No
311	GOM_NL__2PRFIN20080217_222723_000000412066_00087_31203_6546.N1	17-FEB-2008 22:27:23	Dark	41.000	46	Del Vel	1.9540	10600.	82	31203	No
312	GOM_NL__2PRFIN20080217_222945_000000392066_00087_31203_6547.N1	17-FEB-2008 22:29:45	Straylight	39.000	34	Gam2Vel	1.7930	23000.	78	31203	No
313	GOM_NL__2PRFIN20080217_223150_000000402066_00087_31203_6548.N1	17-FEB-2008 22:31:50	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	31203	No
314	GOM_NL__2PRFIN20080217_223608_000000382066_00087_31203_6549.N1	17-FEB-2008 22:36:08	Straylight	37.500	132	15Rho Pup	2.8030	6900.0	75	31203	No
315	GOM_NL__2PRFIN20080217_224436_000000422066_00087_31203_6550.N1	17-FEB-2008 22:44:36	Bright	41.500	8	10Alp CMi	0.40000	6500.0	83	31203	No
316	GOM_NL__2PRFIN20080217_225050_000000382066_00087_31203_6551.N1	17-FEB-2008 22:50:50	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	31203	No
317	GOM_NL__2PRFIN20080217_225159_000000362066_00087_31203_6552.N1	17-FEB-2008 22:51:59	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	31203	No
318	GOM_NL__2PRFIN20080217_230810_000000352066_00087_31203_6553.N1	17-FEB-2008 23:08:10	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	31203	No
319	GOM_NL__2PRFIN20080217_231513_000000322066_00087_31203_6554.N1	17-FEB-2008 23:15:13	Bright	32.000	89	5Alp Cep	2.4510	8000.0	64	31203	No
320	GOM_NL__2PRFIN20080217_232020_000000362066_00087_31203_6555.N1	17-FEB-2008 23:20:20	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	31203	No
321	GOM_NL__2PRFIN20080217_232156_000000352066_00087_31203_6556.N1	17-FEB-2008 23:21:56	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	31203	No
322	GOM_NL__2PRFIN20080217_232324_000000332066_00087_31203_6557.N1	17-FEB-2008 23:23:24	Bright	33.000	92	53Eps Cyg	2.5000	4500.0	66	31203	No
323	GOM_NL__2PRFIN20080217_233009_000000352066_00087_31203_6558.N1	17-FEB-2008 23:30:09	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	31203	No
324	GOM_NL__2PRFIN20080217_233944_000000392066_00087_31203_6559.N1	17-FEB-2008 23:39:44	Twilight	38.500	155	41Pi Sgr	2.9000	6600.0	77	31203	No
325	GOM_NL__2PRFIN20080217_234413_000000432066_00087_31203_6560.N1	17-FEB-2008 23:44:13	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	31203	No
326	GOM_NL__2PRFIN20080217_234628_000000462066_00087_31203_6561.N1	17-FEB-2008 23:46:28	Dark	45.500	25	35Lam Sco	1.6200	28000.	91	31203	No
327	GOM_NL__2PRFIN20080217_235052_000000462066_00087_31203_6562.N1	17-FEB-2008 23:50:52	Dark	45.500	141	Bet Ara	2.8400	4600.0	91	31203	No
328	GOM_NL__2PRFIN20080217_235707_000000442066_00088_31204_6551.N1	17-FEB-2008 23:57:07	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	31204	No
329	GOM_NL__2PRFIN20080217_235826_000000452066_00088_31204_6552.N1	17-FEB-2008 23:58:26	Dark	45.000	10	Bet Cen	0.61000	28000.	90	31204	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.

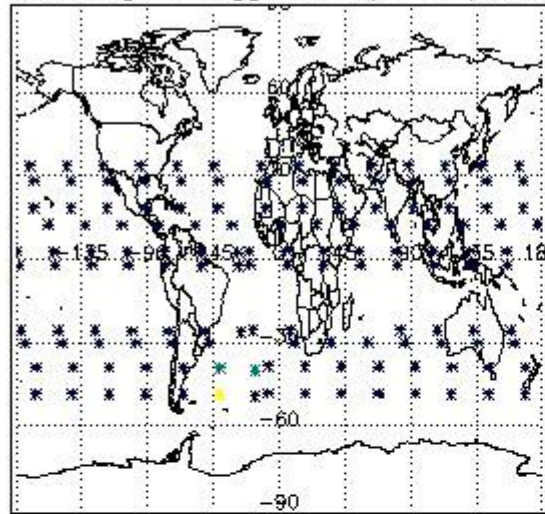
3.1 Plot quality information per product (time dependant)



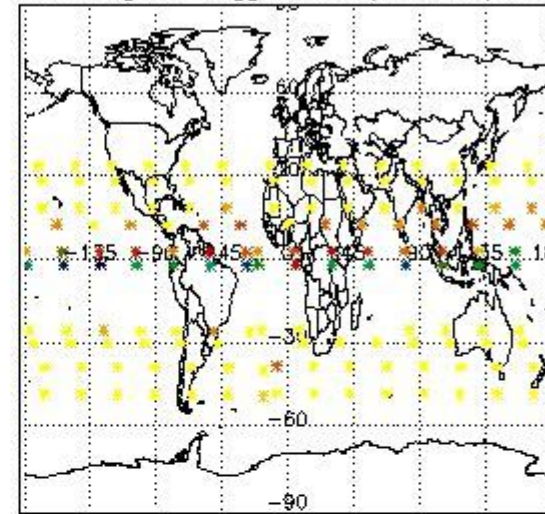
3.2 Plot quality information per product (world map)



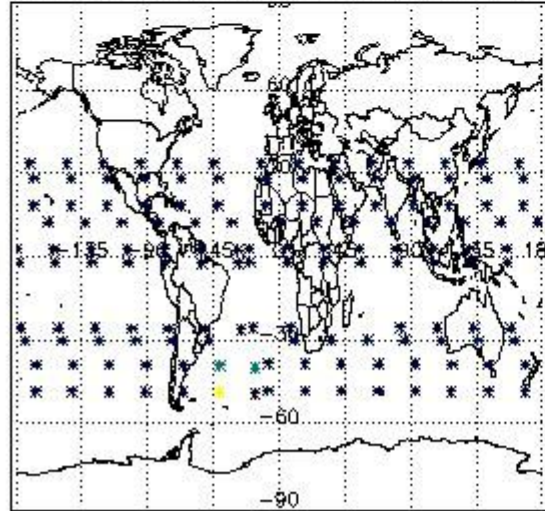
Percentage of flagged data per O3 profile



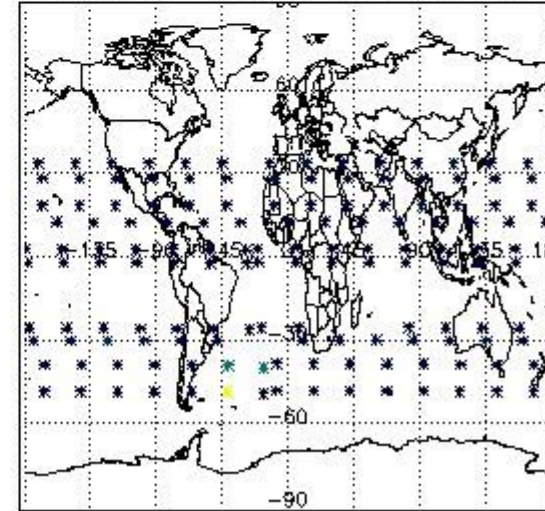
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

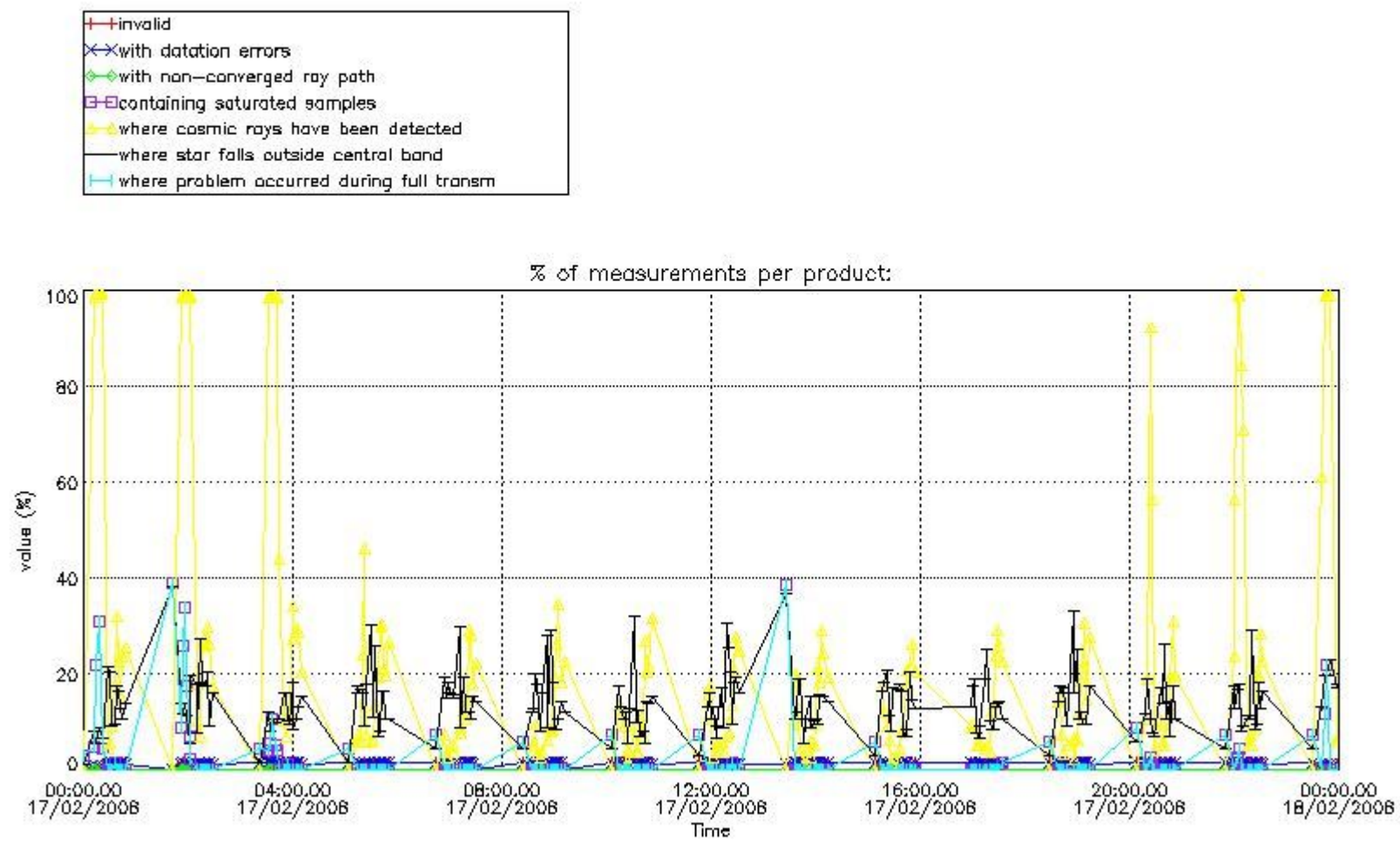


#### 4. Level 1 quality information per product

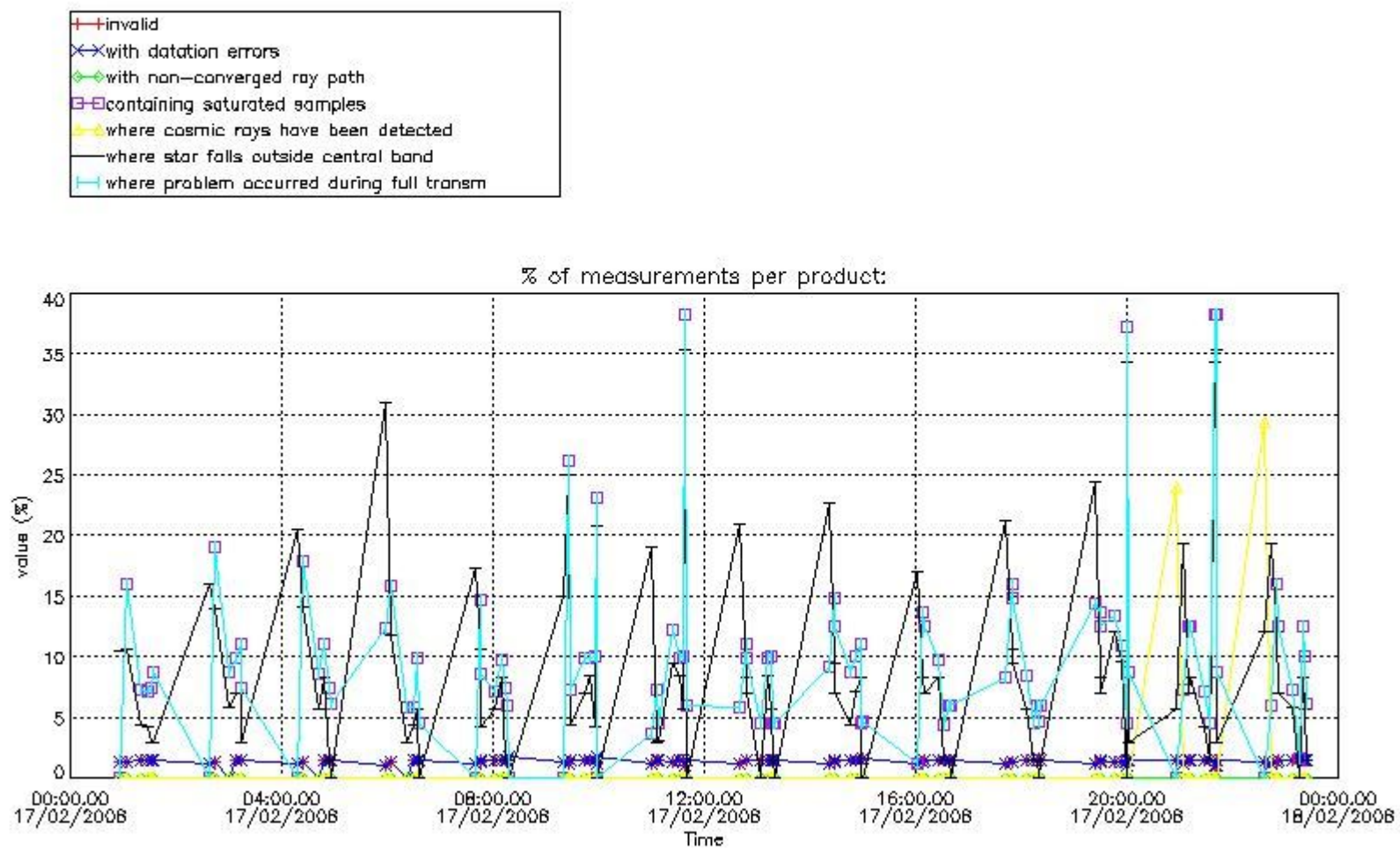
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



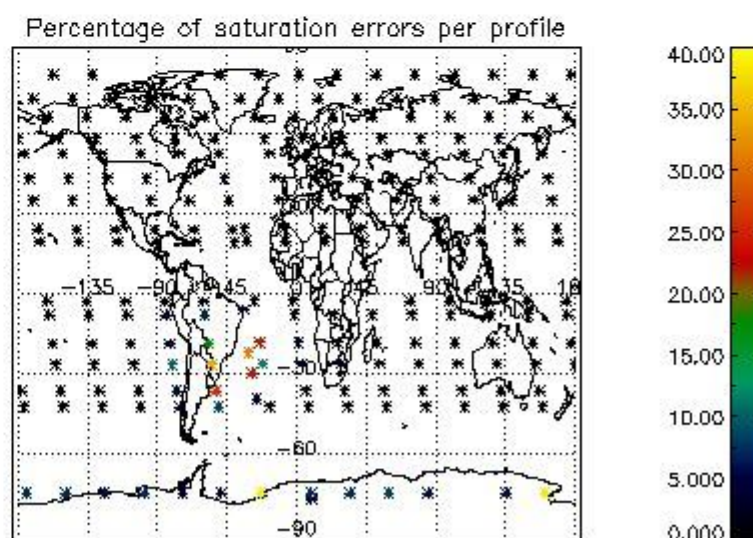
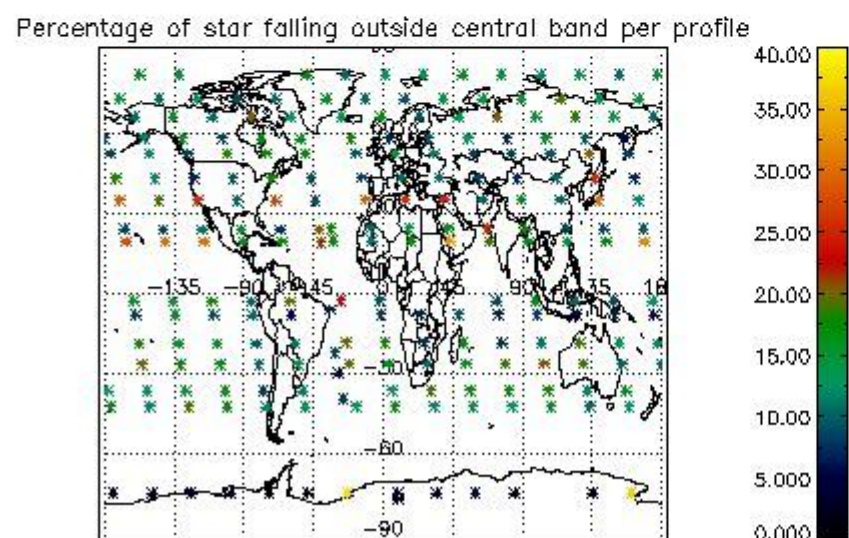
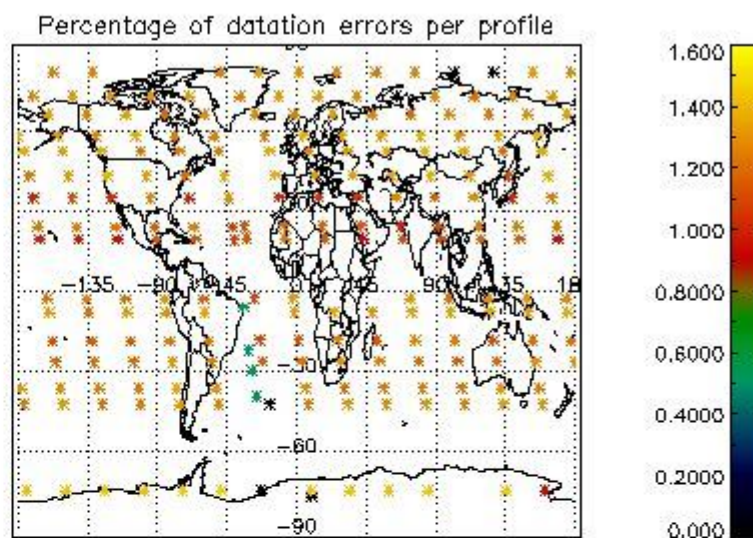
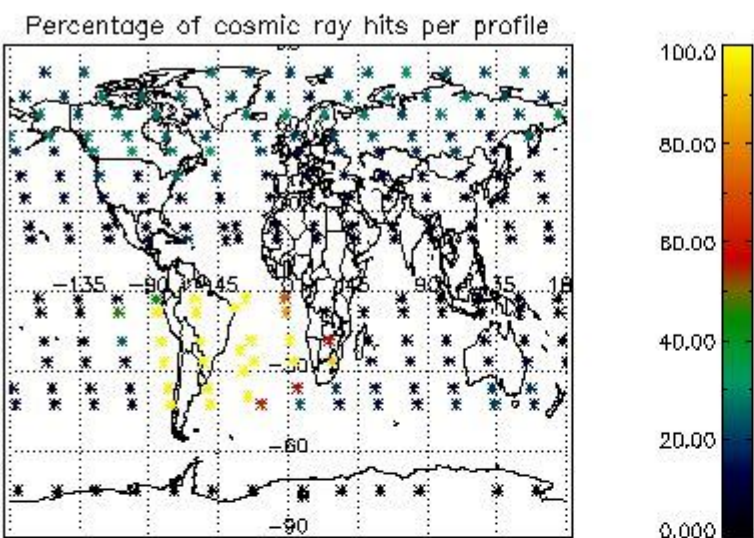
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



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

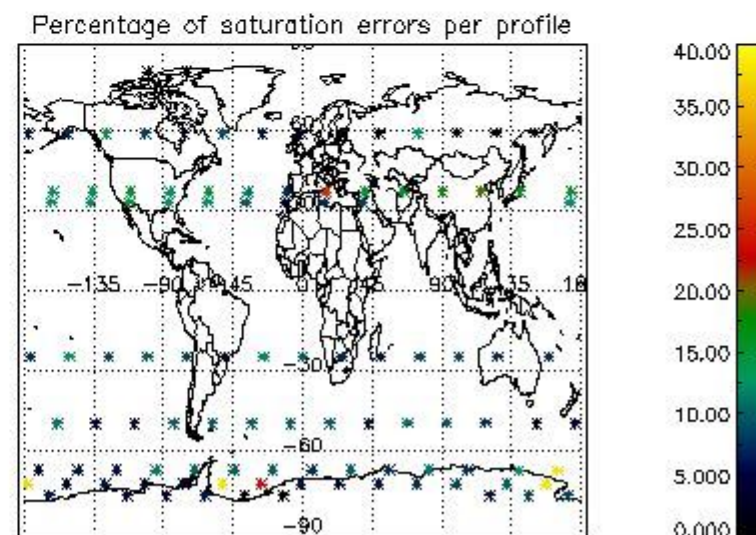
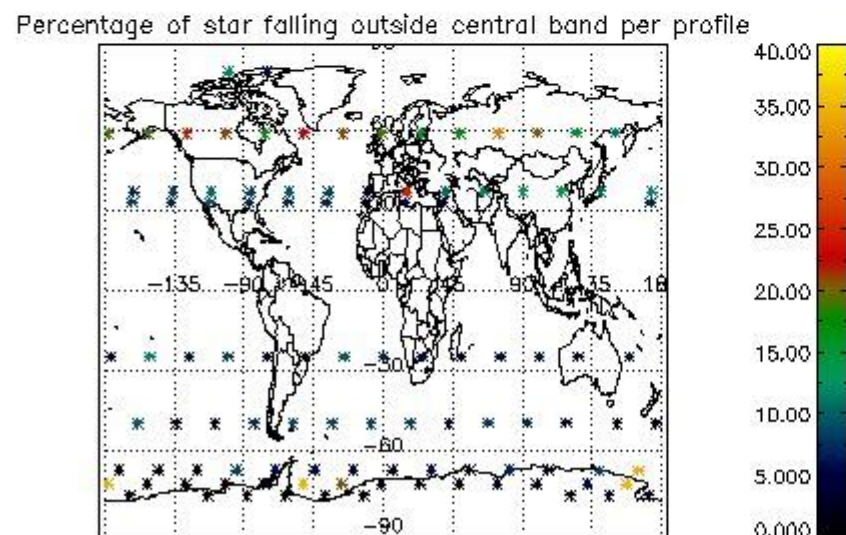
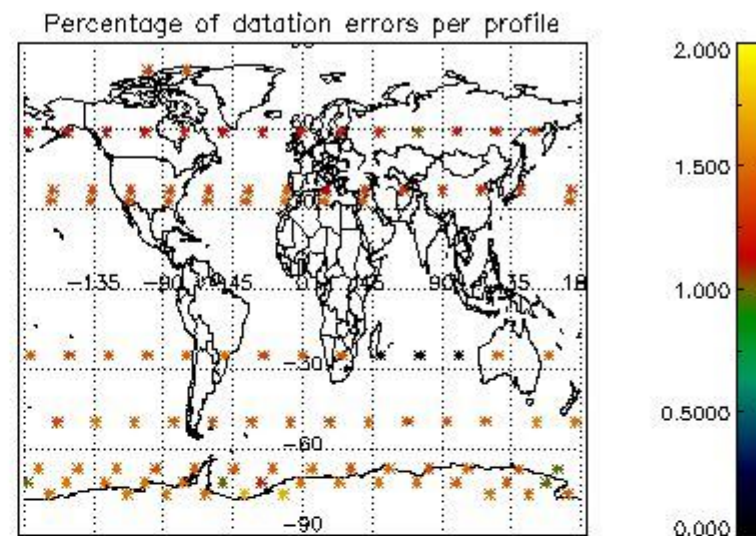
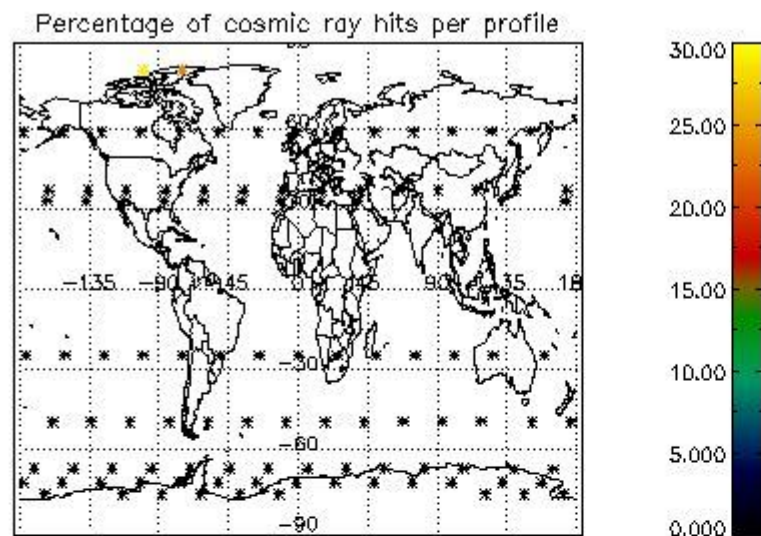
##### 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes





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

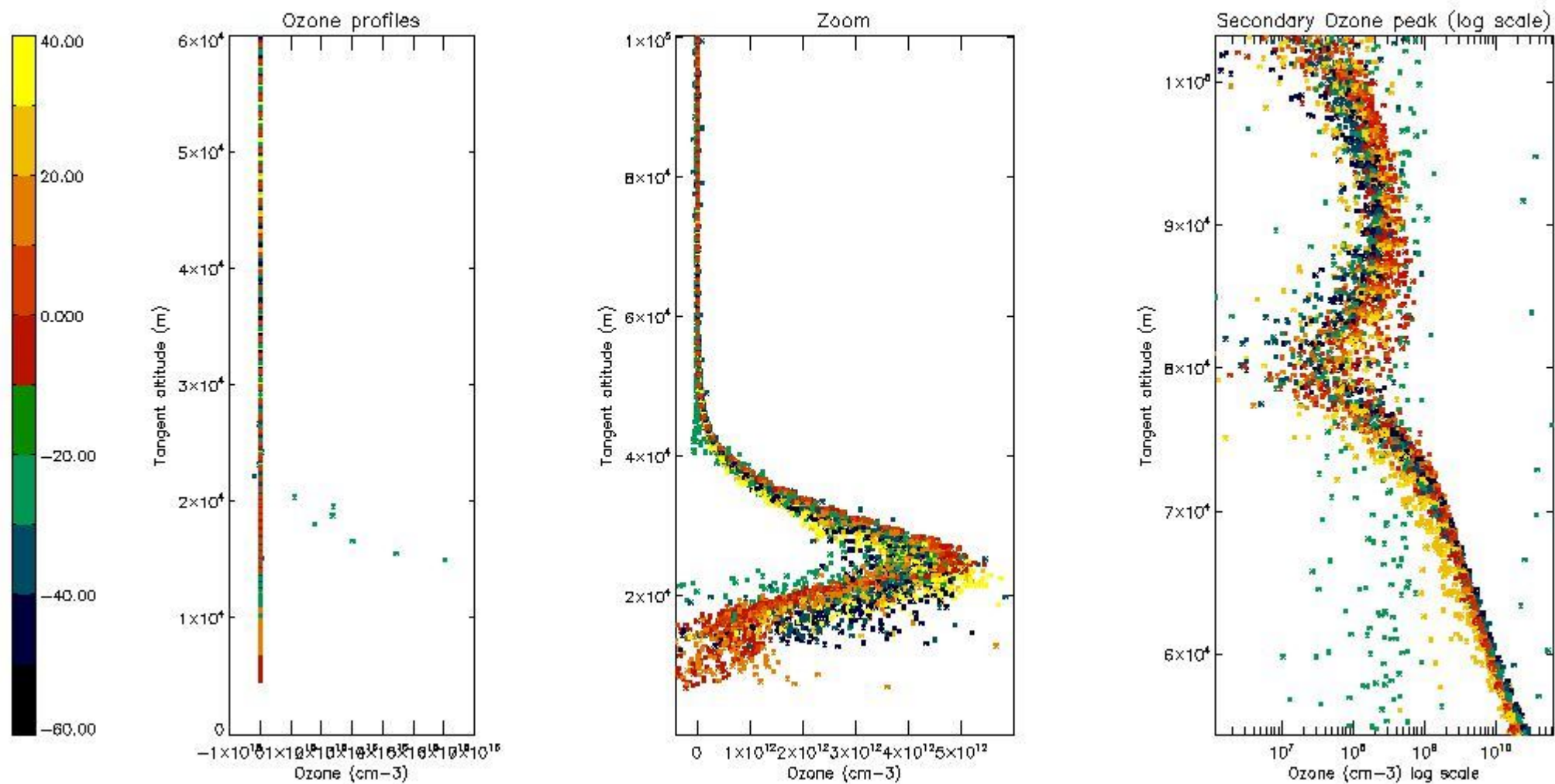
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	46
STD < 20	26

STD < 10	22
STD < 5	16

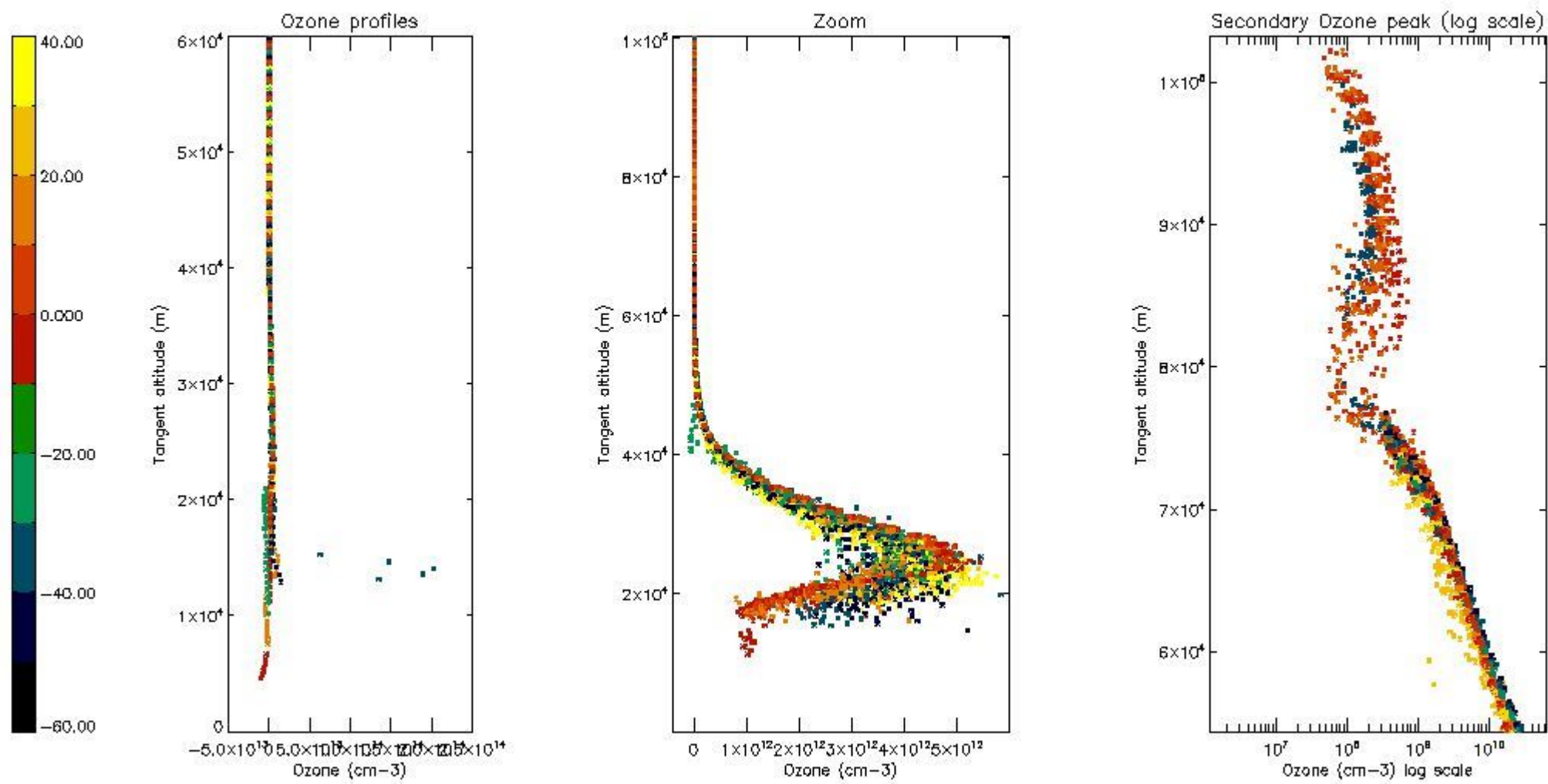
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

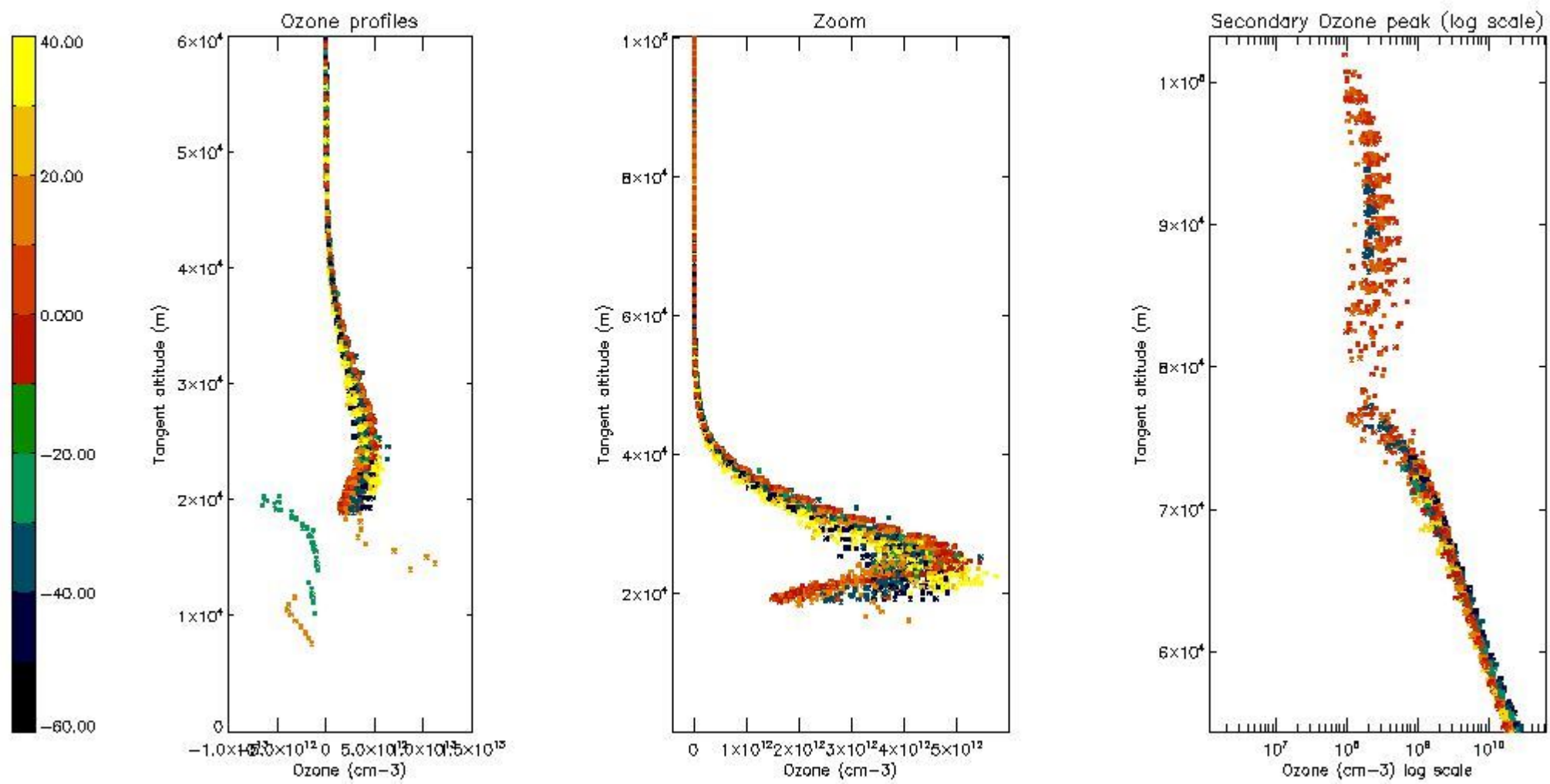
The colorbar represents the latitude.



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

The colorbar represents the latitude.

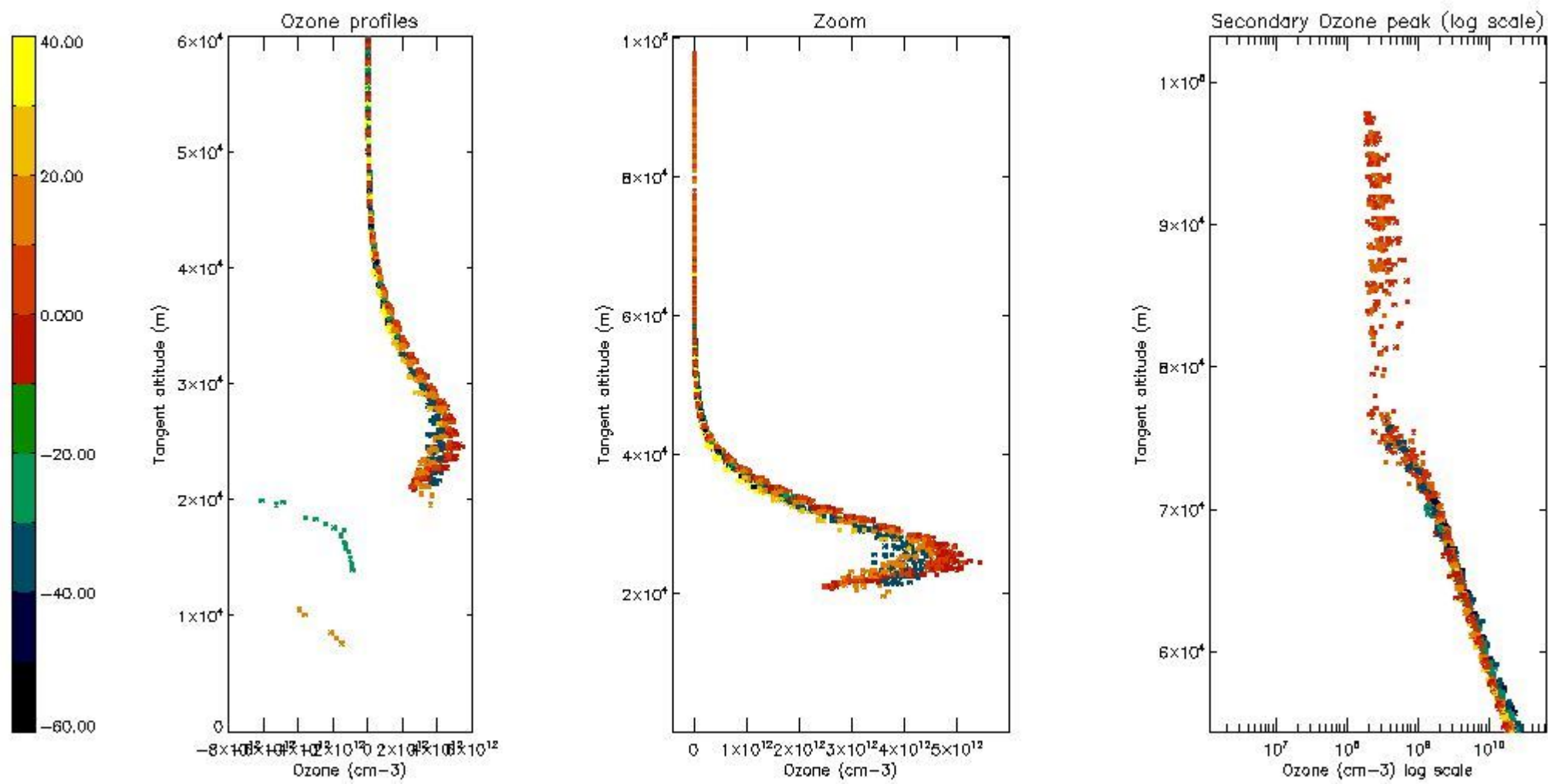




*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

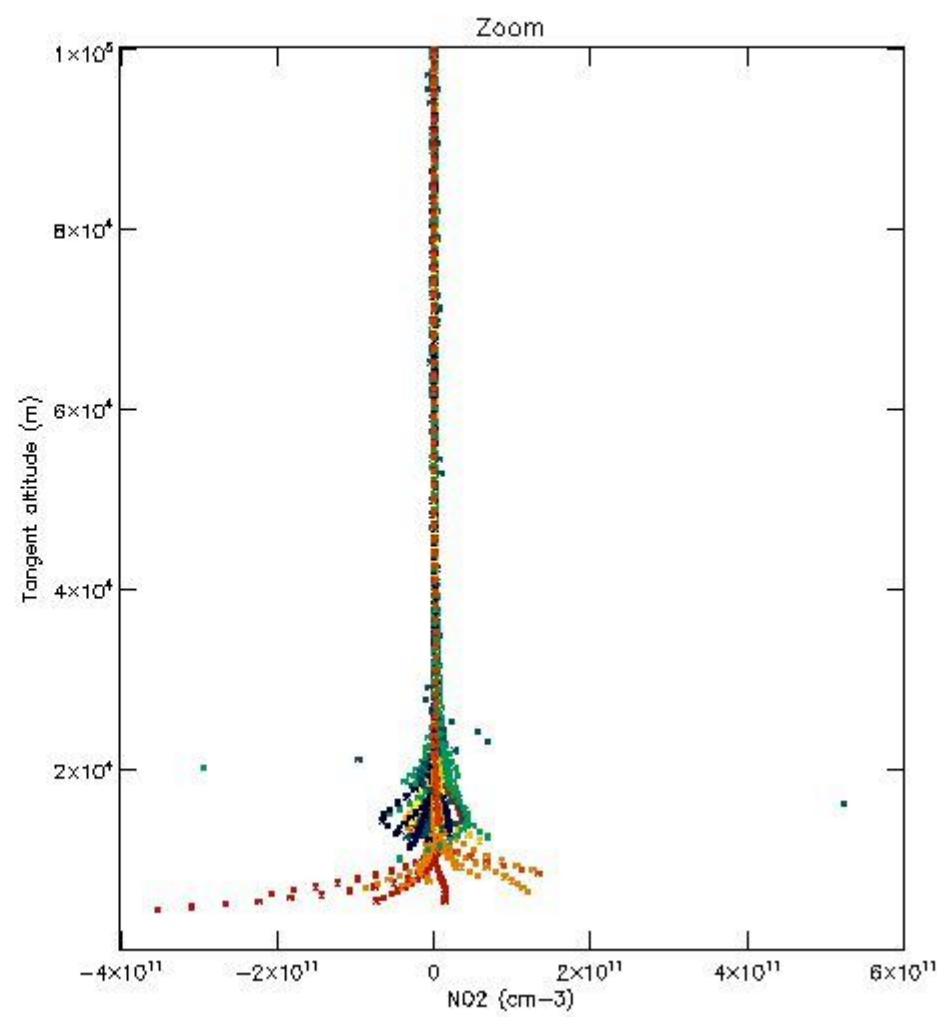
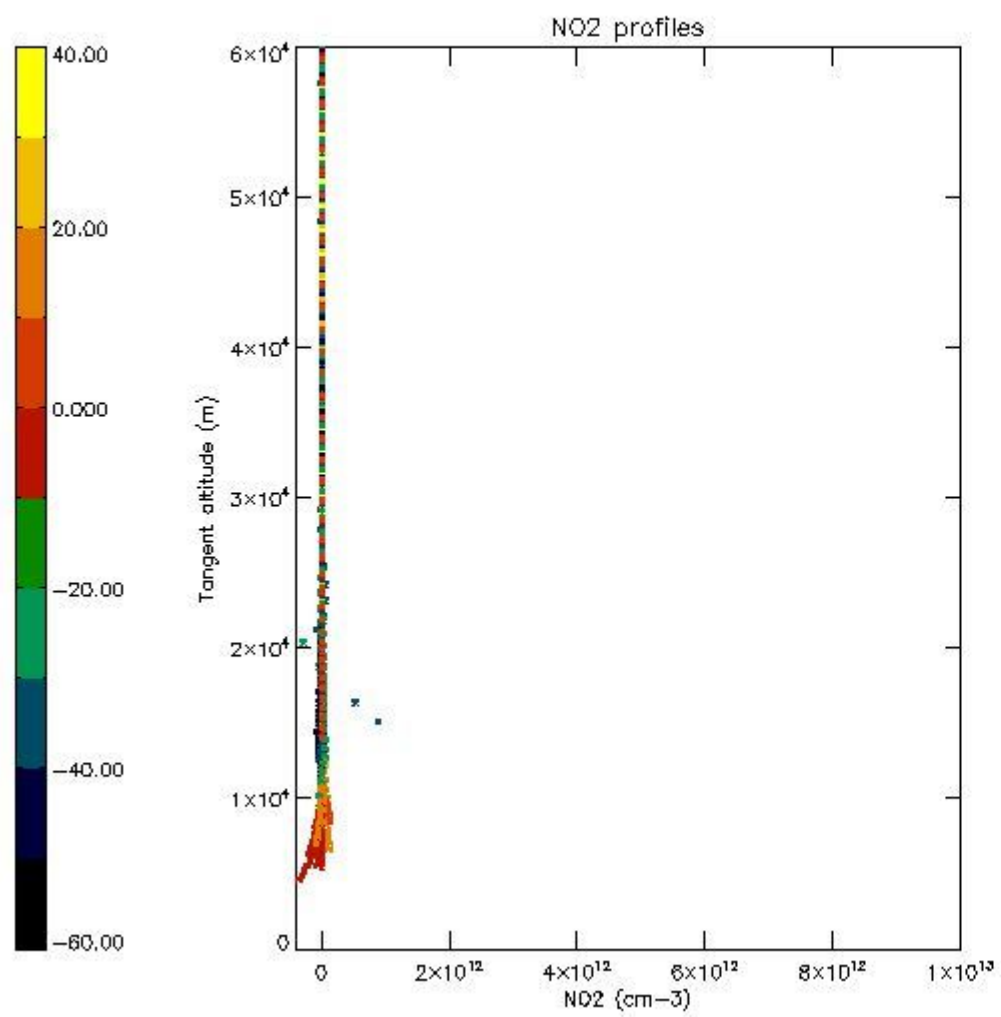
The colorbar represents the latitude.





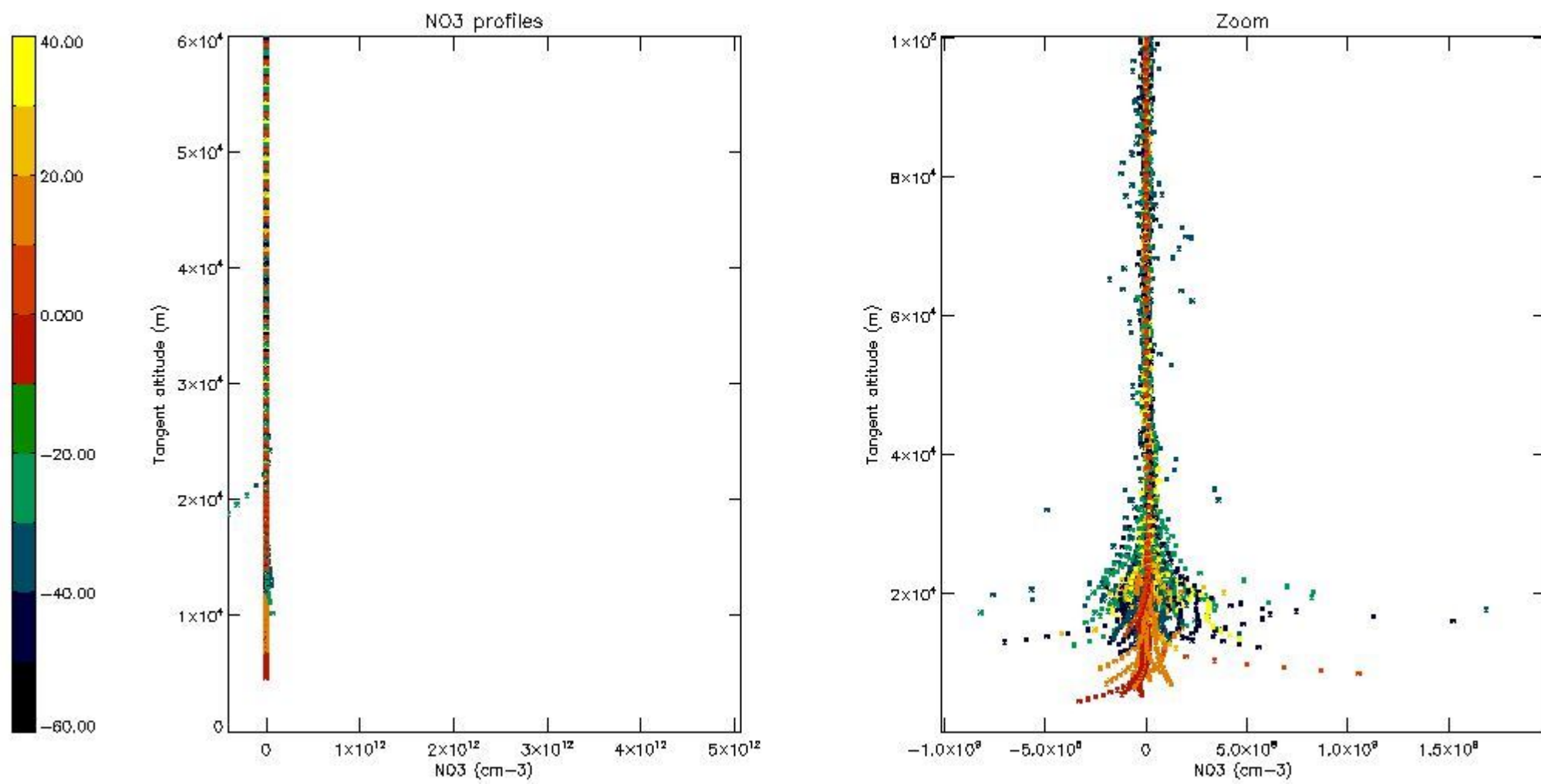
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



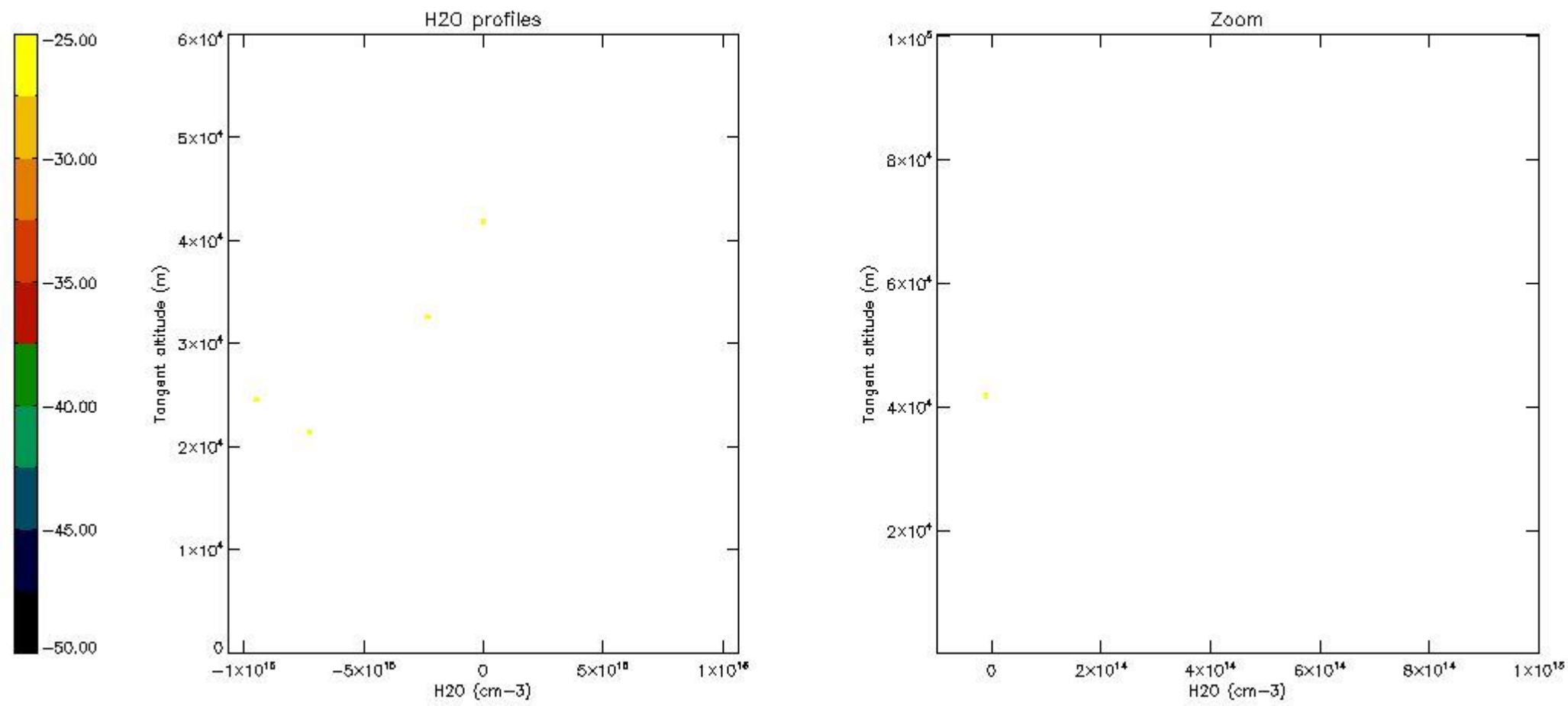
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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	17-FEB-2008 00:00:52
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-FEB-2008 00:00:52
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-FEB-2008 00:00:52



# GOMOS Level 2 Daily Report

## SUMMARY

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#### [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 10:32:03
Data source version	GOMOS/6.01
Start time of products	17-02-2008 (17FEB2008 00:00:00)
Stop time of products	18-02-2008 (18FEB2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	329
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__2PRFIN20080217_000052_000000862066_00073_31189_6255.N1	17-FEB-2008 00:00:52	Bright	85.500	168	17Zet Aql	2.9860	11000.	171	31189	No
2	GOM_NL__2PRFIN20080217_001206_000000922066_00073_31189_6256.N1	17-FEB-2008 00:12:06	Twilight	92.000	57	34Sig Sgr	2.0660	26000.	184	31189	No
3	GOM_NL__2PRFIN20080217_001453_000000912066_00073_31189_6257.N1	17-FEB-2008 00:14:53	Dark	91.000	38	20Eps Sgr	1.8360	11000.	182	31189	No
4	GOM_NL__2PRFIN20080217_001702_000000992066_00073_31189_6258.N1	17-FEB-2008 00:17:02	Dark	99.000	25	35Lam Sco	1.6200	28000.	198	31189	No
5	GOM_NL__2PRFIN20080217_002132_000000912066_00073_31189_6259.N1	17-FEB-2008 00:21:32	Dark	91.000	141	Bet Ara	2.8400	4600.0	182	31189	No
6	GOM_NL__2PRFIN20080217_002835_000000472066_00074_31190_6337.N1	17-FEB-2008 00:28:35	Dark	46.500	4	Alp1Cen	-0.010000	5800.0	93	31190	No
7	GOM_NL__2PRFIN20080217_002954_000000472066_00074_31190_6338.N1	17-FEB-2008 00:29:54	Dark	46.500	10	Bet Cen	0.61000	28000.	93	31190	No
8	GOM_NL__2PRFIN20080217_003257_000000392066_00074_31190_6339.N1	17-FEB-2008 00:32:57	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	31190	No
9	GOM_NL__2PRFIN20080217_003518_000000372066_00074_31190_6340.N1	17-FEB-2008 00:35:18	Dark	37.000	29	Bet Car	1.6720	10200.	74	31190	No
10	GOM_NL__2PRFIN20080217_003757_000000412066_00074_31190_6341.N1	17-FEB-2008 00:37:57	Dark	40.500	71	lot Car	2.2460	7700.0	81	31190	No
11	GOM_NL__2PRFIN20080217_003934_000000402066_00074_31190_6342.N1	17-FEB-2008 00:39:34	Dark	40.000	46	Del Vel	1.9540	10600.	80	31190	No
12	GOM_NL__2PRFIN20080217_004156_000000392066_00074_31190_6343.N1	17-FEB-2008 00:41:56	Straylight	39.000	34	Gam2Vel	1.7930	23000.	78	31190	No
13	GOM_NL__2PRFIN20080217_004401_000000382066_00074_31190_6344.N1	17-FEB-2008 00:44:01	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	31190	No
14	GOM_NL__2PRFIN20080217_004818_000000402066_00074_31190_6345.N1	17-FEB-2008 00:48:18	Straylight	39.500	132	15Rho Pup	2.8030	6900.0	79	31190	No
15	GOM_NL__2PRFIN20080217_005646_000000382066_00074_31190_6346.N1	17-FEB-2008 00:56:46	Bright	38.000	8	10Alp CMi	0.40000	6500.0	76	31190	No
16	GOM_NL__2PRFIN20080217_010301_000000382066_00074_31190_6347.N1	17-FEB-2008 01:03:01	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	31190	No
17	GOM_NL__2PRFIN20080217_012023_000000352066_00074_31190_6348.N1	17-FEB-2008 01:20:23	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	31190	No
18	GOM_NL__2PRFIN20080217_012723_000000352066_00074_31190_6349.N1	17-FEB-2008 01:27:23	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	31190	No
19	GOM_NL__2PRFIN20080217_013230_000000342066_00074_31190_6350.N1	17-FEB-2008 01:32:30	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	31190	No
20	GOM_NL__2PRFIN20080217_013406_000000352066_00074_31190_6351.N1	17-FEB-2008 01:34:06	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	31190	No
21	GOM_NL__2PRFIN20080217_014219_000000532066_00074_31190_6352.N1	17-FEB-2008 01:42:19	Bright	52.500	168	17Zet Aql	2.9860	11000.	105	31190	No
22	GOM_NL__2PRFIN20080217_015153_000000402066_00074_31190_6353.N1	17-FEB-2008 01:51:53	Twilight	39.500	155	41Pi Sgr	2.9000	6600.0	79	31190	No
23	GOM_NL__2PRFIN20080217_015333_000000392066_00074_31190_6354.N1	17-FEB-2008 01:53:33	Twilight	38.500	57	34Sig Sgr	2.0660	26000.	77	31190	No
24	GOM_NL__2PRFIN20080217_015621_000000402066_00074_31190_6355.N1	17-FEB-2008 01:56:21	Dark	40.000	38	20Eps Sgr	1.8360	11000.	80	31190	No
25	GOM_NL__2PRFIN20080217_015833_000000412066_00074_31190_6356.N1	17-FEB-2008 01:58:33	Dark	40.500	25	35Lam Sco	1.6200	28000.	81	31190	No
26	GOM_NL__2PRFIN20080217_020133_000000372066_00074_31190_6357.N1	17-FEB-2008 02:01:33	Dark	37.000	147	Alp Ara	2.8770	26000.	74	31190	No
27	GOM_NL__2PRFIN20080217_020259_000000432066_00074_31190_6358.N1	17-FEB-2008 02:02:59	Dark	43.000	141	Bet Ara	2.8400	4600.0	86	31190	No
28	GOM_NL__2PRFIN20080217_020912_000000452066_00075_31191_6359.N1	17-FEB-2008 02:09:12	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	31191	No
29	GOM_NL__2PRFIN20080217_021031_000000402066_00075_31191_6360.N1	17-FEB-2008 02:10:31	Dark	40.000	10	Bet Cen	0.61000	28000.	80	31191	No
30	GOM_NL__2PRFIN20080217_021333_000000502066_00075_31191_6361.N1	17-FEB-2008 02:13:33	Dark	49.500	12	Alp1Cru	0.77500	30000.	99	31191	No
31	GOM_NL__2PRFIN20080217_021554_000000422066_00075_31191_6362.N1	17-FEB-2008 02:15:54	Dark	41.500	29	Bet Car	1.6720	10200.	83	31191	No
32	GOM_NL__2PRFIN20080217_021833_000000412066_00075_31191_6363.N1	17-FEB-2008 02:18:33	Dark	40.500	71	lot Car	2.2460	7700.0	81	31191	No
33	GOM_NL__2PRFIN20080217_022010_000000412066_00075_31191_6364.N1	17-FEB-2008 02:20:10	Dark	40.500	46	Del Vel	1.9540	10600.	81	31191	No
34	GOM_NL__2PRFIN20080217_022232_000000422066_00075_31191_6365.N1	17-FEB-2008 02:22:32	Straylight	42.000	34	Gam2Vel	1.7930	23000.	84	31191	No
35	GOM_NL__2PRFIN20080217_022437_000000382066_00075_31191_6366.N1	17-FEB-2008 02:24:37	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	31191	No
36	GOM_NL__2PRFIN20080217_022855_000000412066_00075_31191_6367.N1	17-FEB-2008 02:28:55	Straylight	40.500	132	15Rho Pup	2.8030	6900.0	81	31191	No
37	GOM_NL__2PRFIN20080217_023722_000000412066_00075_31191_6368.N1	17-FEB-2008 02:37:22	Bright	40.500	8	10Alp CMi	0.40000	6500.0	81	31191	No
38	GOM_NL__2PRFIN20080217_024337_000000402066_00075_31191_6369.N1	17-FEB-2008 02:43:37	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	31191	No
39	GOM_NL__2PRFIN20080217_030059_000000352066_00075_31191_6370.N1	17-FEB-2008 03:00:59	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	31191	No
40	GOM_NL__2PRFIN20080217_030759_000000362066_00075_31191_6371.N1	17-FEB-2008 03:07:59	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31191	No
41	GOM_NL__2PRFIN20080217_031306_000000362066_00075_31191_6372.N1	17-FEB-2008 03:13:06	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	31191	No
42	GOM_NL__2PRFIN20080217_031443_000000342066_00075_31191_6373.N1	17-FEB-2008 03:14:43	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	31191	No

43	GOM_NL__2PRFIN20080217_032256_000000342066_00075_31191_6374.N1	17-FEB-2008 03:22:56	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	31191	No
44	GOM_NL__2PRFIN20080217_033230_000000382066_00075_31191_6375.N1	17-FEB-2008 03:32:30	Twilight	38.000	155	41Pi Sgr	2.9000	6600.0	76	31191	No
45	GOM_NL__2PRFIN20080217_033410_000000372066_00075_31191_6376.N1	17-FEB-2008 03:34:10	Twilight	37.000	57	34Sig Sgr	2.0660	26000.	74	31191	No
46	GOM_NL__2PRFIN20080217_033657_000000392066_00075_31191_6377.N1	17-FEB-2008 03:36:57	Dark	38.500	38	20Eps Sgr	1.8360	11000.	77	31191	No
47	GOM_NL__2PRFIN20080217_033910_000000412066_00075_31191_6378.N1	17-FEB-2008 03:39:10	Dark	40.500	25	35Lam Sco	1.6200	28000.	81	31191	No
48	GOM_NL__2PRFIN20080217_034210_000000392066_00075_31191_6379.N1	17-FEB-2008 03:42:10	Dark	38.500	147	Alp Ara	2.8770	26000.	77	31191	No
49	GOM_NL__2PRFIN20080217_034335_000000392066_00075_31191_6380.N1	17-FEB-2008 03:43:35	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	31191	No
50	GOM_NL__2PRFIN20080217_034948_000000442066_00076_31192_6371.N1	17-FEB-2008 03:49:48	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	31192	No
51	GOM_NL__2PRFIN20080217_035107_000000442066_00076_31192_6372.N1	17-FEB-2008 03:51:07	Dark	43.500	10	Bet Cen	0.61000	28000.	87	31192	No
52	GOM_NL__2PRFIN20080217_035410_000000402066_00076_31192_6373.N1	17-FEB-2008 03:54:10	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	31192	No
53	GOM_NL__2PRFIN20080217_035631_000000382066_00076_31192_6374.N1	17-FEB-2008 03:56:31	Dark	37.500	29	Bet Car	1.6720	10200.	75	31192	No
54	GOM_NL__2PRFIN20080217_035909_000000412066_00076_31192_6375.N1	17-FEB-2008 03:59:09	Dark	41.000	71	lot Car	2.2460	7700.0	82	31192	No
55	GOM_NL__2PRFIN20080217_040046_000000372066_00076_31192_6376.N1	17-FEB-2008 04:00:46	Dark	36.500	46	Del Vel	1.9540	10600.	73	31192	No
56	GOM_NL__2PRFIN20080217_040308_000000382066_00076_31192_6377.N1	17-FEB-2008 04:03:08	Straylight	37.500	34	Gam2Vel	1.7930	23000.	75	31192	No
57	GOM_NL__2PRFIN20080217_040513_000000392066_00076_31192_6378.N1	17-FEB-2008 04:05:13	Straylight	38.500	70	Zet Pup	2.2460	39000.	77	31192	No
58	GOM_NL__2PRFIN20080217_040931_000000402066_00076_31192_6379.N1	17-FEB-2008 04:09:31	Straylight	39.500	132	15Rho Pup	2.8030	6900.0	79	31192	No
59	GOM_NL__2PRFIN20080217_041758_000000422066_00076_31192_6380.N1	17-FEB-2008 04:17:58	Bright	41.500	8	10Alp CMi	0.40000	6500.0	83	31192	No
60	GOM_NL__2PRFIN20080217_042414_000000392066_00076_31192_6381.N1	17-FEB-2008 04:24:14	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	31192	No
61	GOM_NL__2PRFIN20080217_044135_000000352066_00076_31192_6382.N1	17-FEB-2008 04:41:35	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	31192	No
62	GOM_NL__2PRFIN20080217_044836_000000362066_00076_31192_6383.N1	17-FEB-2008 04:48:36	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	31192	No
63	GOM_NL__2PRFIN20080217_045342_000000342066_00076_31192_6384.N1	17-FEB-2008 04:53:42	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	31192	No
64	GOM_NL__2PRFIN20080217_045519_000000332066_00076_31192_6385.N1	17-FEB-2008 04:55:19	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	31192	No
65	GOM_NL__2PRFIN20080217_050332_000000342066_00076_31192_6386.N1	17-FEB-2008 05:03:32	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	31192	No
66	GOM_NL__2PRFIN20080217_051306_000000412066_00076_31192_6387.N1	17-FEB-2008 05:13:06	Twilight	40.500	155	41Pi Sgr	2.9000	6600.0	81	31192	No
67	GOM_NL__2PRFIN20080217_051446_000000412066_00076_31192_6388.N1	17-FEB-2008 05:14:46	Twilight	40.500	57	34Sig Sgr	2.0660	26000.	81	31192	No
68	GOM_NL__2PRFIN20080217_051734_000000422066_00076_31192_6389.N1	17-FEB-2008 05:17:34	Dark	42.000	38	20Eps Sgr	1.8360	11000.	84	31192	No
69	GOM_NL__2PRFIN20080217_051946_000000442066_00076_31192_6390.N1	17-FEB-2008 05:19:46	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	31192	No
70	GOM_NL__2PRFIN20080217_052246_000000382066_00076_31192_6391.N1	17-FEB-2008 05:22:46	Dark	38.000	147	Alp Ara	2.8770	26000.	76	31192	No
71	GOM_NL__2PRFIN20080217_052412_000000422066_00076_31192_6392.N1	17-FEB-2008 05:24:12	Dark	42.000	141	Bet Ara	2.8400	4600.0	84	31192	No
72	GOM_NL__2PRFIN20080217_053025_000000532066_00077_31193_6385.N1	17-FEB-2008 05:30:25	Dark	53.000	4	Alp1Cen	-0.010000	5800.0	106	31193	No
73	GOM_NL__2PRFIN20080217_053144_000000412066_00077_31193_6386.N1	17-FEB-2008 05:31:44	Dark	41.000	10	Bet Cen	0.61000	28000.	82	31193	No
74	GOM_NL__2PRFIN20080217_053446_000000492066_00077_31193_6387.N1	17-FEB-2008 05:34:46	Dark	48.500	12	Alp1Cru	0.77500	30000.	97	31193	No
75	GOM_NL__2PRFIN20080217_053707_000000362066_00077_31193_6388.N1	17-FEB-2008 05:37:07	Dark	36.000	29	Bet Car	1.6720	10200.	72	31193	No
76	GOM_NL__2PRFIN20080217_053945_000000372066_00077_31193_6389.N1	17-FEB-2008 05:39:45	Dark	37.000	71	lot Car	2.2460	7700.0	74	31193	No
77	GOM_NL__2PRFIN20080217_054122_000000402066_00077_31193_6390.N1	17-FEB-2008 05:41:22	Dark	40.000	46	Del Vel	1.9540	10600.	80	31193	No
78	GOM_NL__2PRFIN20080217_054345_000000402066_00077_31193_6391.N1	17-FEB-2008 05:43:45	Straylight	40.000	34	Gam2Vel	1.7930	23000.	80	31193	No
79	GOM_NL__2PRFIN20080217_054549_000000382066_00077_31193_6392.N1	17-FEB-2008 05:45:49	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	31193	No
80	GOM_NL__2PRFIN20080217_055007_000000382066_00077_31193_6393.N1	17-FEB-2008 05:50:07	Straylight	37.500	132	15Rho Pup	2.8030	6900.0	75	31193	No
81	GOM_NL__2PRFIN20080217_055835_000000492066_00077_31193_6394.N1	17-FEB-2008 05:58:35	Bright	48.500	8	10Alp CMi	0.40000	6500.0	97	31193	No
82	GOM_NL__2PRFIN20080217_060450_000000382066_00077_31193_6395.N1	17-FEB-2008 06:04:50	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	31193	No
83	GOM_NL__2PRFIN20080217_062211_000000342066_00077_31193_6396.N1	17-FEB-2008 06:22:11	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	31193	No
84	GOM_NL__2PRFIN20080217_062912_000000342066_00077_31193_6397.N1	17-FEB-2008 06:29:12	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	31193	No
85	GOM_NL__2PRFIN20080217_063419_000000362066_00077_31193_6398.N1	17-FEB-2008 06:34:19	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	31193	No
86	GOM_NL__2PRFIN20080217_063555_000000332066_00077_31193_6399.N1	17-FEB-2008 06:35:55	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	31193	No
87	GOM_NL__2PRFIN20080217_064408_000000352066_00077_31193_6400.N1	17-FEB-2008 06:44:08	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	31193	No
88	GOM_NL__2PRFIN20080217_065342_000000422066_00077_31193_6401.N1	17-FEB-2008 06:53:42	Twilight	41.500	155	41Pi Sgr	2.9000	6600.0	83	31193	No
89	GOM_NL__2PRFIN20080217_065522_000000402066_00077_31193_6402.N1	17-FEB-2008 06:55:22	Twilight	40.000	57	34Sig Sgr	2.0660	26000.	80	31193	No
90	GOM_NL__2PRFIN20080217_065810_000000422066_00077_31193_6403.N1	17-FEB-2008 06:58:10	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	31193	No
91	GOM_NL__2PRFIN20080217_070023_000000442066_00077_31193_6404.N1	17-FEB-2008 07:00:23	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	31193	No
92	GOM_NL__2PRFIN20080217_070323_000000422066_00077_31193_6405.N1	17-FEB-2008 07:03:23	Dark	41.500	147	Alp Ara	2.8770	26000.	83	31193	No
93	GOM_NL__2PRFIN20080217_070448_000000412066_00077_31193_6406.N1	17-FEB-2008 07:04:48	Dark	40.500	141	Bet Ara	2.8400	4600.0	81	31193	No
94	GOM_NL__2PRFIN20080217_071102_000000522066_00078_31194_6404.N1	17-FEB-2008 07:11:02	Dark	52.000	4	Alp1Cen	-0.010000	5800.0	104	31194	No
95	GOM_NL__2PRFIN20080217_071221_000000412066_00078_31194_6405.N1	17-FEB-2008 07:12:21	Dark	40.500	10	Bet Cen	0.61000	28000.	81	31194	No
96	GOM_NL__2PRFIN20080217_071523_000000452066_00078_31194_6406.N1	17-FEB-2008 07:15:23	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	31194	No
97	GOM_NL__2PRFIN20080217_071743_000000382066_00078_31194_6407.N1	17-FEB-2008 07:17:43	Dark	37.500	29	Bet Car	1.6720	10200.	75	31194	No
98	GOM_NL__2PRFIN20080217_072022_000000382066_00078_31194_6408.N1	17-FEB-2008 07:20:22	Dark	37.500	71	lot Car	2.2460	7700.0	75	31194	No
99	GOM_NL__2PRFIN20080217_072158_000000382066_00078_31194_6409.N1	17-FEB-2008 07:21:58	Dark	38.000	46	Del Vel	1.9540	10600.	76	31194	No
100	GOM_NL__2PRFIN20080217_072421_000000382066_00078_31194_6410.N1	17-FEB-2008 07:24:21	Straylight	37.500	34	Gam2Vel	1.7930	23000.	75	31194	No
101	GOM_NL__2PRFIN20080217_072625_000000402066_00078_31194_6411.N1	17-FEB-2008 07:26:25	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	31194	No

102	GOM_NL__2PRFIN20080217_073043_000000392066_00078_31194_6412.N1	17-FEB-2008 07:30:43	Straylight	38.500	132	15Rho Pup	2.8030	6900.0	77	31194	No
103	GOM_NL__2PRFIN20080217_073911_000000412066_00078_31194_6413.N1	17-FEB-2008 07:39:11	Bright	40.500	8	10Alp CMi	0.40000	6500.0	81	31194	No
104	GOM_NL__2PRFIN20080217_074526_000000382066_00078_31194_6414.N1	17-FEB-2008 07:45:26	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	31194	No
105	GOM_NL__2PRFIN20080217_074634_000000352066_00078_31194_6415.N1	17-FEB-2008 07:46:34	Bright	35.000	24	66Alp Gem	1.5800	10200.	70	31194	No
106	GOM_NL__2PRFIN20080217_080247_000000352066_00078_31194_6416.N1	17-FEB-2008 08:02:47	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	31194	No
107	GOM_NL__2PRFIN20080217_080948_000000362066_00078_31194_6417.N1	17-FEB-2008 08:09:48	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	31194	No
108	GOM_NL__2PRFIN20080217_081455_000000342066_00078_31194_6418.N1	17-FEB-2008 08:14:55	Bright	34.000	19	50Alp Cyg	1.2460	10500.	68	31194	No
109	GOM_NL__2PRFIN20080217_081631_000000342066_00078_31194_6419.N1	17-FEB-2008 08:16:31	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	31194	No
110	GOM_NL__2PRFIN20080217_081759_000000292066_00078_31194_6420.N1	17-FEB-2008 08:17:59	Bright	29.000	92	53Eps Cyg	2.5000	4500.0	58	31194	No
111	GOM_NL__2PRFIN20080217_082444_000000352066_00078_31194_6421.N1	17-FEB-2008 08:24:44	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	31194	No
112	GOM_NL__2PRFIN20080217_083418_000000382066_00078_31194_6422.N1	17-FEB-2008 08:34:18	Twilight	38.000	155	41Pi Sgr	2.9000	6600.0	76	31194	No
113	GOM_NL__2PRFIN20080217_083559_000000392066_00078_31194_6423.N1	17-FEB-2008 08:35:59	Twilight	39.000	57	34Sig Sgr	2.0660	26000.	78	31194	No
114	GOM_NL__2PRFIN20080217_083847_000000432066_00078_31194_6424.N1	17-FEB-2008 08:38:47	Dark	42.500	38	20Eps Sgr	1.8360	11000.	85	31194	No
115	GOM_NL__2PRFIN20080217_084059_000000452066_00078_31194_6425.N1	17-FEB-2008 08:40:59	Dark	44.500	25	35Lam Sco	1.6200	28000.	89	31194	No
116	GOM_NL__2PRFIN20080217_084359_000000382066_00078_31194_6426.N1	17-FEB-2008 08:43:59	Dark	37.500	147	Alp Ara	2.8770	26000.	75	31194	No
117	GOM_NL__2PRFIN20080217_084525_000000412066_00078_31194_6427.N1	17-FEB-2008 08:45:25	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	31194	No
118	GOM_NL__2PRFIN20080217_085138_000000502066_00079_31195_6414.N1	17-FEB-2008 08:51:38	Dark	50.000	4	Alp1Cen	-0.010000	5800.0	100	31195	No
119	GOM_NL__2PRFIN20080217_085257_000000412066_00079_31195_6415.N1	17-FEB-2008 08:52:57	Dark	40.500	10	Bet Cen	0.61000	28000.	81	31195	No
120	GOM_NL__2PRFIN20080217_085559_000000502066_00079_31195_6416.N1	17-FEB-2008 08:55:59	Dark	50.000	12	Alp1Cru	0.77500	30000.	100	31195	No
121	GOM_NL__2PRFIN20080217_085819_000000412066_00079_31195_6417.N1	17-FEB-2008 08:58:19	Dark	41.000	29	Bet Car	1.6720	10200.	82	31195	No
122	GOM_NL__2PRFIN20080217_090058_000000372066_00079_31195_6418.N1	17-FEB-2008 09:00:58	Dark	36.500	71	lot Car	2.2460	7700.0	73	31195	No
123	GOM_NL__2PRFIN20080217_090235_000000372066_00079_31195_6419.N1	17-FEB-2008 09:02:35	Dark	36.500	46	Del Vel	1.9540	10600.	73	31195	No
124	GOM_NL__2PRFIN20080217_090457_000000382066_00079_31195_6420.N1	17-FEB-2008 09:04:57	Straylight	37.500	34	Gam2Vel	1.7930	23000.	75	31195	No
125	GOM_NL__2PRFIN20080217_090702_000000392066_00079_31195_6421.N1	17-FEB-2008 09:07:02	Straylight	38.500	70	Zet Pup	2.2460	39000.	77	31195	No
126	GOM_NL__2PRFIN20080217_091119_000000382066_00079_31195_6422.N1	17-FEB-2008 09:11:19	Straylight	37.500	132	15Rho Pup	2.8030	6900.0	75	31195	No
127	GOM_NL__2PRFIN20080217_091947_000000402066_00079_31195_6423.N1	17-FEB-2008 09:19:47	Bright	40.000	8	10Alp CMi	0.40000	6500.0	80	31195	No
128	GOM_NL__2PRFIN20080217_092602_000000442066_00079_31195_6424.N1	17-FEB-2008 09:26:02	Bright	44.000	17	78Bet Gem	1.1610	4500.0	88	31195	No
129	GOM_NL__2PRFIN20080217_092710_000000352066_00079_31195_6425.N1	17-FEB-2008 09:27:10	Bright	34.500	24	66Alp Gem	1.5800	10200.	69	31195	No
130	GOM_NL__2PRFIN20080217_094323_000000362066_00079_31195_6426.N1	17-FEB-2008 09:43:23	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	31195	No
131	GOM_NL__2PRFIN20080217_095024_000000362066_00079_31195_6427.N1	17-FEB-2008 09:50:24	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31195	No
132	GOM_NL__2PRFIN20080217_095531_000000352066_00079_31195_6428.N1	17-FEB-2008 09:55:31	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	31195	No
133	GOM_NL__2PRFIN20080217_095707_000000412066_00079_31195_6429.N1	17-FEB-2008 09:57:07	Bright	41.000	66	37Gam Cyg	2.2080	5900.0	82	31195	No
134	GOM_NL__2PRFIN20080217_095835_000000292066_00079_31195_6430.N1	17-FEB-2008 09:58:35	Bright	29.000	92	53Eps Cyg	2.5000	4500.0	58	31195	No
135	GOM_NL__2PRFIN20080217_100520_000000352066_00079_31195_6431.N1	17-FEB-2008 10:05:20	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	31195	No
136	GOM_NL__2PRFIN20080217_101455_000000412066_00079_31195_6432.N1	17-FEB-2008 10:14:55	Twilight	40.500	155	41Pi Sgr	2.9000	6600.0	81	31195	No
137	GOM_NL__2PRFIN20080217_101635_000000392066_00079_31195_6433.N1	17-FEB-2008 10:16:35	Twilight	38.500	57	34Sig Sgr	2.0660	26000.	77	31195	No
138	GOM_NL__2PRFIN20080217_101923_000000392066_00079_31195_6434.N1	17-FEB-2008 10:19:23	Dark	38.500	38	20Eps Sgr	1.8360	11000.	77	31195	No
139	GOM_NL__2PRFIN20080217_102136_000000422066_00079_31195_6435.N1	17-FEB-2008 10:21:36	Dark	41.500	25	35Lam Sco	1.6200	28000.	83	31195	No
140	GOM_NL__2PRFIN20080217_102435_000000372066_00079_31195_6436.N1	17-FEB-2008 10:24:35	Dark	37.000	147	Alp Ara	2.8770	26000.	74	31195	No
141	GOM_NL__2PRFIN20080217_102601_000000402066_00079_31195_6437.N1	17-FEB-2008 10:26:01	Dark	39.500	141	Bet Ara	2.8400	4600.0	79	31195	No
142	GOM_NL__2PRFIN20080217_103214_000000532066_00080_31196_6437.N1	17-FEB-2008 10:32:14	Dark	53.000	4	Alp1Cen	-0.010000	5800.0	106	31196	No
143	GOM_NL__2PRFIN20080217_103334_000000412066_00080_31196_6438.N1	17-FEB-2008 10:33:34	Dark	41.000	10	Bet Cen	0.61000	28000.	82	31196	No
144	GOM_NL__2PRFIN20080217_103635_000000412066_00080_31196_6439.N1	17-FEB-2008 10:36:35	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	31196	No
145	GOM_NL__2PRFIN20080217_103855_000000362066_00080_31196_6440.N1	17-FEB-2008 10:38:55	Dark	36.000	29	Bet Car	1.6720	10200.	72	31196	No
146	GOM_NL__2PRFIN20080217_104134_000000372066_00080_31196_6441.N1	17-FEB-2008 10:41:34	Dark	37.000	71	lot Car	2.2460	7700.0	74	31196	No
147	GOM_NL__2PRFIN20080217_104311_000000362066_00080_31196_6442.N1	17-FEB-2008 10:43:11	Dark	35.500	46	Del Vel	1.9540	10600.	71	31196	No
148	GOM_NL__2PRFIN20080217_104533_000000392066_00080_31196_6443.N1	17-FEB-2008 10:45:33	Straylight	39.000	34	Gam2Vel	1.7930	23000.	78	31196	No
149	GOM_NL__2PRFIN20080217_104737_000000402066_00080_31196_6444.N1	17-FEB-2008 10:47:37	Straylight	39.500	70	Zet Pup	2.2460	39000.	79	31196	No
150	GOM_NL__2PRFIN20080217_105155_000000402066_00080_31196_6445.N1	17-FEB-2008 10:51:55	Straylight	39.500	132	15Rho Pup	2.8030	6900.0	79	31196	No
151	GOM_NL__2PRFIN20080217_110023_000000422066_00080_31196_6446.N1	17-FEB-2008 11:00:23	Bright	42.000	8	10Alp CMi	0.40000	6500.0	84	31196	No
152	GOM_NL__2PRFIN20080217_110638_000000352066_00080_31196_6447.N1	17-FEB-2008 11:06:38	Bright	34.500	17	78Bet Gem	1.1610	4500.0	69	31196	No
153	GOM_NL__2PRFIN20080217_110747_000000342066_00080_31196_6448.N1	17-FEB-2008 11:07:47	Bright	33.500	24	66Alp Gem	1.5800	10200.	67	31196	No
154	GOM_NL__2PRFIN20080217_112358_000000372066_00080_31196_6449.N1	17-FEB-2008 11:23:58	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	31196	No
155	GOM_NL__2PRFIN20080217_113100_000000362066_00080_31196_6450.N1	17-FEB-2008 11:31:00	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31196	No
156	GOM_NL__2PRFIN20080217_113607_000000352066_00080_31196_6451.N1	17-FEB-2008 11:36:07	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	31196	No
157	GOM_NL__2PRFIN20080217_113743_000000512066_00080_31196_6452.N1	17-FEB-2008 11:37:43	Bright	51.000	66	37Gam Cyg	2.2080	5900.0	102	31196	No
158	GOM_NL__2PRFIN20080217_113911_000000342066_00080_31196_6453.N1	17-FEB-2008 11:39:11	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	31196	No
159	GOM_NL__2PRFIN20080217_114557_000000352066_00080_31196_6454.N1	17-FEB-2008 11:45:57	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	31196	No
160	GOM_NL__2PRFIN20080217_115531_000000392066_00080_31196_6455.N1	17-FEB-2008 11:55:31	Twilight	38.500	155	41Pi Sgr	2.9000	6600.0	77	31196	No



161	GOM_NL__2PRFIN20080217_115711_000000412066_00080_31196_6456.N1	17-FEB-2008 11:57:11	Twilight	40.500	57	34Sig Sgr	2.0660	26000.	81	31196	No
162	GOM_NL__2PRFIN20080217_115959_000000392066_00080_31196_6457.N1	17-FEB-2008 11:59:59	Dark	38.500	38	20Eps Sgr	1.8360	11000.	77	31196	No
163	GOM_NL__2PRFIN20080217_120212_000000422066_00080_31196_6458.N1	17-FEB-2008 12:02:12	Dark	42.000	25	35Lam Sco	1.6200	28000.	84	31196	No
164	GOM_NL__2PRFIN20080217_120512_000000382066_00080_31196_6459.N1	17-FEB-2008 12:05:12	Dark	37.500	147	Alp Ara	2.8770	26000.	75	31196	No
165	GOM_NL__2PRFIN20080217_120637_000000382066_00080_31196_6460.N1	17-FEB-2008 12:06:37	Dark	38.000	141	Bet Ara	2.8400	4600.0	76	31196	No
166	GOM_NL__2PRFIN20080217_121251_000000442066_00081_31197_6452.N1	17-FEB-2008 12:12:51	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	31197	No
167	GOM_NL__2PRFIN20080217_121410_000000412066_00081_31197_6453.N1	17-FEB-2008 12:14:10	Dark	40.500	10	Bet Cen	0.61000	28000.	81	31197	No
168	GOM_NL__2PRFIN20080217_121712_000000512066_00081_31197_6454.N1	17-FEB-2008 12:17:12	Dark	50.500	12	Alp1Cru	0.77500	30000.	101	31197	No
169	GOM_NL__2PRFIN20080217_121931_000000452066_00081_31197_6455.N1	17-FEB-2008 12:19:31	Dark	45.000	29	Bet Car	1.6720	10200.	90	31197	No
170	GOM_NL__2PRFIN20080217_122210_000000422066_00081_31197_6456.N1	17-FEB-2008 12:22:10	Dark	42.000	71	lot Car	2.2460	7700.0	84	31197	No
171	GOM_NL__2PRFIN20080217_122347_000000372066_00081_31197_6457.N1	17-FEB-2008 12:23:47	Dark	37.000	46	Del Vel	1.9540	10600.	74	31197	No
172	GOM_NL__2PRFIN20080217_122609_000000412066_00081_31197_6458.N1	17-FEB-2008 12:26:09	Straylight	41.000	34	Gam2Vel	1.7930	23000.	82	31197	No
173	GOM_NL__2PRFIN20080217_122813_000000422066_00081_31197_6459.N1	17-FEB-2008 12:28:13	Straylight	41.500	70	Zet Pup	2.2460	39000.	83	31197	No
174	GOM_NL__2PRFIN20080217_123231_000000412066_00081_31197_6460.N1	17-FEB-2008 12:32:31	Straylight	40.500	132	15Rho Pup	2.8030	6900.0	81	31197	No
175	GOM_NL__2PRFIN20080217_124059_000000432066_00081_31197_6461.N1	17-FEB-2008 12:40:59	Bright	43.000	8	10Alp CMi	0.40000	6500.0	86	31197	No
176	GOM_NL__2PRFIN20080217_124714_000000362066_00081_31197_6462.N1	17-FEB-2008 12:47:14	Bright	36.000	17	78Bet Gem	1.1610	4500.0	72	31197	No
177	GOM_NL__2PRFIN20080217_124822_000000362066_00081_31197_6463.N1	17-FEB-2008 12:48:22	Bright	35.500	24	66Alp Gem	1.5800	10200.	71	31197	No
178	GOM_NL__2PRFIN20080217_130434_000000342066_00081_31197_6464.N1	17-FEB-2008 13:04:34	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	31197	No
179	GOM_NL__2PRFIN20080217_131137_000000362066_00081_31197_6465.N1	17-FEB-2008 13:11:37	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	31197	No
180	GOM_NL__2PRFIN20080217_131643_000000352066_00081_31197_6466.N1	17-FEB-2008 13:16:43	Bright	35.000	19	50Alp Cyg	1.2460	10500.	70	31197	No
181	GOM_NL__2PRFIN20080217_131819_000000332066_00081_31197_6467.N1	17-FEB-2008 13:18:19	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	31197	No
182	GOM_NL__2PRFIN20080217_131947_000000332066_00081_31197_6468.N1	17-FEB-2008 13:19:47	Bright	33.000	92	53Eps Cyg	2.5000	4500.0	66	31197	No
183	GOM_NL__2PRFIN20080217_132633_000000532066_00081_31197_6469.N1	17-FEB-2008 13:26:33	Bright	53.000	168	17Zet Aql	2.9860	11000.	106	31197	No
184	GOM_NL__2PRFIN20080217_133607_000000382066_00081_31197_6470.N1	17-FEB-2008 13:36:07	Twilight	37.500	155	41Pi Sgr	2.9000	6600.0	75	31197	No
185	GOM_NL__2PRFIN20080217_133747_000000382066_00081_31197_6471.N1	17-FEB-2008 13:37:47	Twilight	38.000	57	34Sig Sgr	2.0660	26000.	76	31197	No
186	GOM_NL__2PRFIN20080217_134035_000000432066_00081_31197_6472.N1	17-FEB-2008 13:40:35	Dark	42.500	38	20Eps Sgr	1.8360	11000.	85	31197	No
187	GOM_NL__2PRFIN20080217_134249_000000452066_00081_31197_6473.N1	17-FEB-2008 13:42:49	Dark	45.000	25	35Lam Sco	1.6200	28000.	90	31197	No
188	GOM_NL__2PRFIN20080217_134548_000000372066_00081_31197_6474.N1	17-FEB-2008 13:45:48	Dark	36.500	147	Alp Ara	2.8770	26000.	73	31197	No
189	GOM_NL__2PRFIN20080217_134714_000000392066_00081_31197_6475.N1	17-FEB-2008 13:47:14	Dark	38.500	141	Bet Ara	2.8400	4600.0	77	31197	No
190	GOM_NL__2PRFIN20080217_135327_000000432066_00082_31198_6467.N1	17-FEB-2008 13:53:27	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	31198	No
191	GOM_NL__2PRFIN20080217_135447_000000412066_00082_31198_6468.N1	17-FEB-2008 13:54:47	Dark	40.500	10	Bet Cen	0.61000	28000.	81	31198	No
192	GOM_NL__2PRFIN20080217_135748_000000392066_00082_31198_6469.N1	17-FEB-2008 13:57:48	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	31198	No
193	GOM_NL__2PRFIN20080217_140007_000000382066_00082_31198_6470.N1	17-FEB-2008 14:00:07	Dark	37.500	29	Bet Car	1.6720	10200.	75	31198	No
194	GOM_NL__2PRFIN20080217_140246_000000372066_00082_31198_6471.N1	17-FEB-2008 14:02:46	Dark	37.000	71	lot Car	2.2460	7700.0	74	31198	No
195	GOM_NL__2PRFIN20080217_140423_000000392066_00082_31198_6472.N1	17-FEB-2008 14:04:23	Dark	38.500	46	Del Vel	1.9540	10600.	77	31198	No
196	GOM_NL__2PRFIN20080217_140645_000000402066_00082_31198_6473.N1	17-FEB-2008 14:06:45	Straylight	39.500	34	Gam2Vel	1.7930	23000.	79	31198	No
197	GOM_NL__2PRFIN20080217_140850_000000392066_00082_31198_6474.N1	17-FEB-2008 14:08:50	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	31198	No
198	GOM_NL__2PRFIN20080217_141307_000000392066_00082_31198_6475.N1	17-FEB-2008 14:13:07	Straylight	39.000	132	15Rho Pup	2.8030	6900.0	78	31198	No
199	GOM_NL__2PRFIN20080217_142135_000000442066_00082_31198_6476.N1	17-FEB-2008 14:21:35	Bright	44.000	8	10Alp CMi	0.40000	6500.0	88	31198	No
200	GOM_NL__2PRFIN20080217_142750_000000372066_00082_31198_6477.N1	17-FEB-2008 14:27:50	Bright	37.000	17	78Bet Gem	1.1610	4500.0	74	31198	No
201	GOM_NL__2PRFIN20080217_142859_000000362066_00082_31198_6478.N1	17-FEB-2008 14:28:59	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	31198	No
202	GOM_NL__2PRFIN20080217_144510_000000352066_00082_31198_6479.N1	17-FEB-2008 14:45:10	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	31198	No
203	GOM_NL__2PRFIN20080217_145213_000000352066_00082_31198_6480.N1	17-FEB-2008 14:52:13	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	31198	No
204	GOM_NL__2PRFIN20080217_145719_000000362066_00082_31198_6481.N1	17-FEB-2008 14:57:19	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	31198	No
205	GOM_NL__2PRFIN20080217_145855_000000332066_00082_31198_6482.N1	17-FEB-2008 14:58:55	Bright	33.000	66	37Gam Cyg	2.2080	5900.0	66	31198	No
206	GOM_NL__2PRFIN20080217_150023_000000332066_00082_31198_6483.N1	17-FEB-2008 15:00:23	Bright	32.500	92	53Eps Cyg	2.5000	4500.0	65	31198	No
207	GOM_NL__2PRFIN20080217_150709_000000352066_00082_31198_6484.N1	17-FEB-2008 15:07:09	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	31198	No
208	GOM_NL__2PRFIN20080217_151643_000000402066_00082_31198_6485.N1	17-FEB-2008 15:16:43	Twilight	40.000	155	41Pi Sgr	2.9000	6600.0	80	31198	No
209	GOM_NL__2PRFIN20080217_151823_000000422066_00082_31198_6486.N1	17-FEB-2008 15:18:23	Twilight	41.500	57	34Sig Sgr	2.0660	26000.	83	31198	No
210	GOM_NL__2PRFIN20080217_152112_000000442066_00082_31198_6487.N1	17-FEB-2008 15:21:12	Dark	43.500	38	20Eps Sgr	1.8360	11000.	87	31198	No
211	GOM_NL__2PRFIN20080217_152325_000000412066_00082_31198_6488.N1	17-FEB-2008 15:23:25	Dark	40.500	25	35Lam Sco	1.6200	28000.	81	31198	No
212	GOM_NL__2PRFIN20080217_152624_000000382066_00082_31198_6489.N1	17-FEB-2008 15:26:24	Dark	38.000	147	Alp Ara	2.8770	26000.	76	31198	No
213	GOM_NL__2PRFIN20080217_152750_000000412066_00082_31198_6490.N1	17-FEB-2008 15:27:50	Dark	41.000	141	Bet Ara	2.8400	4600.0	82	31198	No
214	GOM_NL__2PRFIN20080217_153404_000000452066_00083_31199_6478.N1	17-FEB-2008 15:34:04	Dark	44.500	4	Alp1Cen	-0.010000	5800.0	89	31199	No
215	GOM_NL__2PRFIN20080217_153523_000000452066_00083_31199_6479.N1	17-FEB-2008 15:35:23	Dark	45.000	10	Bet Cen	0.61000	28000.	90	31199	No
216	GOM_NL__2PRFIN20080217_153825_000000432066_00083_31199_6480.N1	17-FEB-2008 15:38:25	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	31199	No
217	GOM_NL__2PRFIN20080217_154043_000000372066_00083_31199_6481.N1	17-FEB-2008 15:40:43	Dark	36.500	29	Bet Car	1.6720	10200.	73	31199	No
218	GOM_NL__2PRFIN20080217_154322_000000372066_00083_31199_6482.N1	17-FEB-2008 15:43:22	Dark	36.500	71	lot Car	2.2460	7700.0	73	31199	No
219	GOM_NL__2PRFIN20080217_154459_000000372066_00083_31199_6483.N1	17-FEB-2008 15:44:59	Dark	36.500	46	Del Vel	1.9540	10600.	73	31199	No

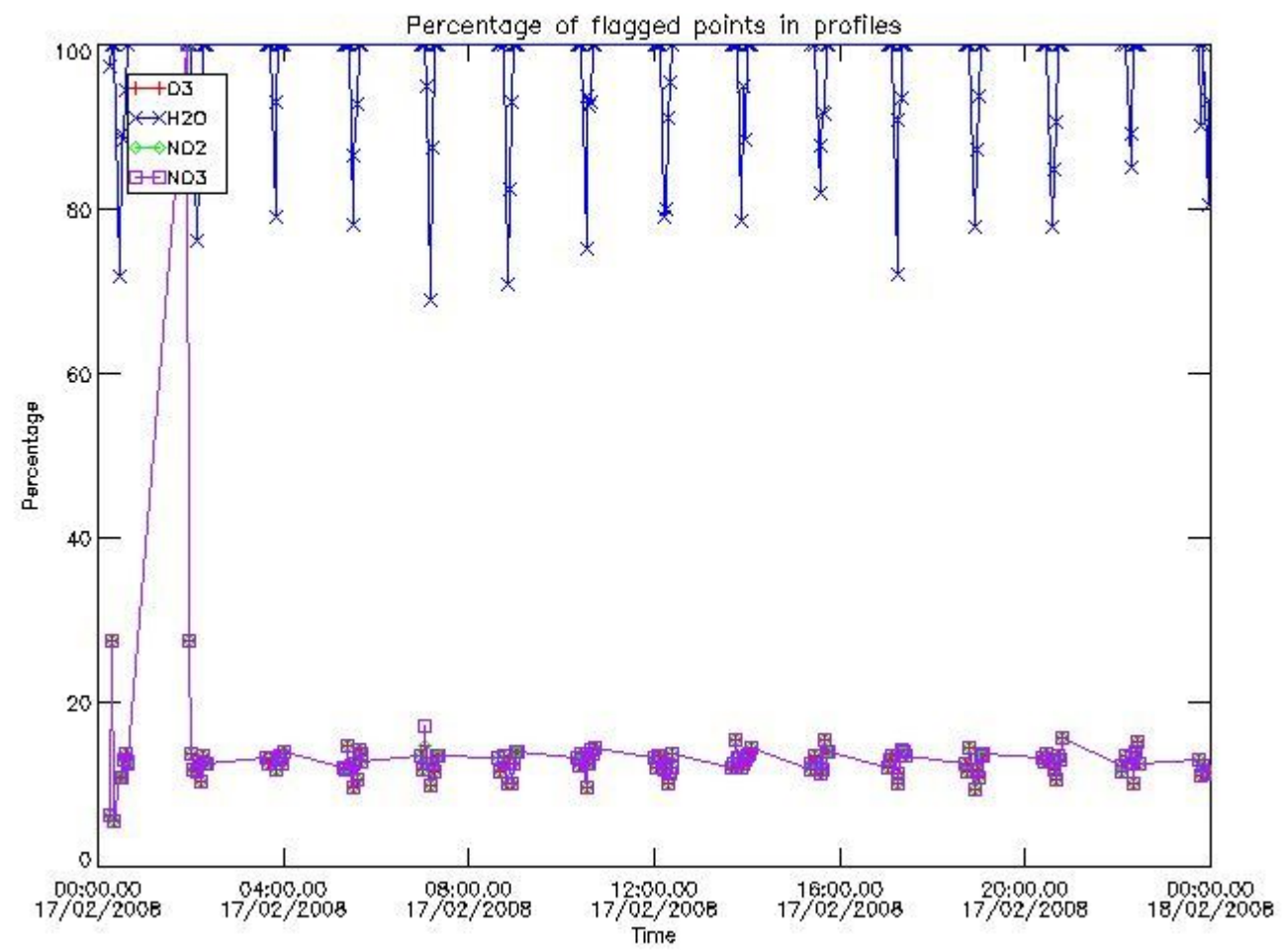
220	GOM_NL__2PRFIN20080217_154721_000000422066_00083_31199_6484.N1	17-FEB-2008 15:47:21	Straylight	42.000	34	Gam2Vel	1.7930	23000.	84	31199	No
221	GOM_NL__2PRFIN20080217_154926_000000382066_00083_31199_6485.N1	17-FEB-2008 15:49:26	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	31199	No
222	GOM_NL__2PRFIN20080217_155343_000000392066_00083_31199_6486.N1	17-FEB-2008 15:53:43	Straylight	39.000	132	15Rho Pup	2.8030	6900.0	78	31199	No
223	GOM_NL__2PRFIN20080217_160211_000000412066_00083_31199_6487.N1	17-FEB-2008 16:02:11	Bright	41.000	8	10Alp CMi	0.40000	6500.0	82	31199	No
224	GOM_NL__2PRFIN20080217_160826_000000372066_00083_31199_6488.N1	17-FEB-2008 16:08:26	Bright	36.500	17	78Bet Gem	1.1610	4500.0	73	31199	No
225	GOM_NL__2PRFIN20080217_160935_000000362066_00083_31199_6489.N1	17-FEB-2008 16:09:35	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	31199	No
226	GOM_NL__2PRFIN20080217_162546_000000362066_00083_31199_6490.N1	17-FEB-2008 16:25:46	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	31199	No
227	GOM_NL__2PRFIN20080217_163249_000000342066_00083_31199_6491.N1	17-FEB-2008 16:32:49	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	31199	No
228	GOM_NL__2PRFIN20080217_163755_000000342066_00083_31199_6492.N1	17-FEB-2008 16:37:55	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	31199	No
229	GOM_NL__2PRFIN20080217_163932_000000342066_00083_31199_6493.N1	17-FEB-2008 16:39:32	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	31199	No
230	GOM_NL__2PRFIN20080217_165719_000000392066_00083_31199_6494.N1	17-FEB-2008 16:57:19	Twilight	38.500	155	41Pi Sgr	2.9000	6600.0	77	31199	No
231	GOM_NL__2PRFIN20080217_165900_000000412066_00083_31199_6495.N1	17-FEB-2008 16:59:00	Twilight	40.500	57	34Sig Sgr	2.0660	26000.	81	31199	No
232	GOM_NL__2PRFIN20080217_170148_000000432066_00083_31199_6496.N1	17-FEB-2008 17:01:48	Dark	42.500	38	20Eps Sgr	1.8360	11000.	85	31199	No
233	GOM_NL__2PRFIN20080217_170402_000000402066_00083_31199_6497.N1	17-FEB-2008 17:04:02	Dark	39.500	25	35Lam Sco	1.6200	28000.	79	31199	No
234	GOM_NL__2PRFIN20080217_170701_000000382066_00083_31199_6498.N1	17-FEB-2008 17:07:01	Dark	37.500	147	Alp Ara	2.8770	26000.	75	31199	No
235	GOM_NL__2PRFIN20080217_170826_000000382066_00083_31199_6499.N1	17-FEB-2008 17:08:26	Dark	38.000	141	Bet Ara	2.8400	4600.0	76	31199	No
236	GOM_NL__2PRFIN20080217_171441_000000452066_00084_31200_6499.N1	17-FEB-2008 17:14:41	Dark	45.000	4	Alp1Cen	-0.010000	5800.0	90	31200	No
237	GOM_NL__2PRFIN20080217_171600_000000502066_00084_31200_6500.N1	17-FEB-2008 17:16:00	Dark	50.000	10	Bet Cen	0.61000	28000.	100	31200	No
238	GOM_NL__2PRFIN20080217_171901_000000402066_00084_31200_6501.N1	17-FEB-2008 17:19:01	Dark	39.500	12	Alp1Cru	0.77500	30000.	79	31200	No
239	GOM_NL__2PRFIN20080217_172119_000000372066_00084_31200_6502.N1	17-FEB-2008 17:21:19	Dark	36.500	29	Bet Car	1.6720	10200.	73	31200	No
240	GOM_NL__2PRFIN20080217_172359_000000372066_00084_31200_6503.N1	17-FEB-2008 17:23:59	Dark	36.500	71	lot Car	2.2460	7700.0	73	31200	No
241	GOM_NL__2PRFIN20080217_172535_000000382066_00084_31200_6504.N1	17-FEB-2008 17:25:35	Dark	38.000	46	Del Vel	1.9540	10600.	76	31200	No
242	GOM_NL__2PRFIN20080217_172757_000000402066_00084_31200_6505.N1	17-FEB-2008 17:27:57	Straylight	39.500	34	Gam2Vel	1.7930	23000.	79	31200	No
243	GOM_NL__2PRFIN20080217_173002_000000392066_00084_31200_6506.N1	17-FEB-2008 17:30:02	Straylight	39.000	70	Zet Pup	2.2460	39000.	78	31200	No
244	GOM_NL__2PRFIN20080217_173420_000000382066_00084_31200_6507.N1	17-FEB-2008 17:34:20	Straylight	38.000	132	15Rho Pup	2.8030	6900.0	76	31200	No
245	GOM_NL__2PRFIN20080217_174247_000000432066_00084_31200_6508.N1	17-FEB-2008 17:42:47	Bright	42.500	8	10Alp CMi	0.40000	6500.0	85	31200	No
246	GOM_NL__2PRFIN20080217_174902_000000382066_00084_31200_6509.N1	17-FEB-2008 17:49:02	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	31200	No
247	GOM_NL__2PRFIN20080217_175011_000000372066_00084_31200_6510.N1	17-FEB-2008 17:50:11	Bright	37.000	24	66Alp Gem	1.5800	10200.	74	31200	No
248	GOM_NL__2PRFIN20080217_180622_000000362066_00084_31200_6511.N1	17-FEB-2008 18:06:22	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	31200	No
249	GOM_NL__2PRFIN20080217_181325_000000332066_00084_31200_6512.N1	17-FEB-2008 18:13:25	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	31200	No
250	GOM_NL__2PRFIN20080217_181832_000000342066_00084_31200_6513.N1	17-FEB-2008 18:18:32	Bright	33.500	19	50Alp Cyg	1.2460	10500.	67	31200	No
251	GOM_NL__2PRFIN20080217_182008_000000332066_00084_31200_6514.N1	17-FEB-2008 18:20:08	Bright	32.500	66	37Gam Cyg	2.2080	5900.0	65	31200	No
252	GOM_NL__2PRFIN20080217_182135_000000342066_00084_31200_6515.N1	17-FEB-2008 18:21:35	Bright	33.500	92	53Eps Cyg	2.5000	4500.0	67	31200	No
253	GOM_NL__2PRFIN20080217_182821_000000352066_00084_31200_6516.N1	17-FEB-2008 18:28:21	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	31200	No
254	GOM_NL__2PRFIN20080217_183756_000000392066_00084_31200_6517.N1	17-FEB-2008 18:37:56	Twilight	39.000	155	41Pi Sgr	2.9000	6600.0	78	31200	No
255	GOM_NL__2PRFIN20080217_183936_000000412066_00084_31200_6518.N1	17-FEB-2008 18:39:36	Twilight	40.500	57	34Sig Sgr	2.0660	26000.	81	31200	No
256	GOM_NL__2PRFIN20080217_184225_000000412066_00084_31200_6519.N1	17-FEB-2008 18:42:25	Dark	40.500	38	20Eps Sgr	1.8360	11000.	81	31200	No
257	GOM_NL__2PRFIN20080217_184439_000000442066_00084_31200_6520.N1	17-FEB-2008 18:44:39	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	31200	No
258	GOM_NL__2PRFIN20080217_184737_000000392066_00084_31200_6521.N1	17-FEB-2008 18:47:37	Dark	38.500	147	Alp Ara	2.8770	26000.	77	31200	No
259	GOM_NL__2PRFIN20080217_185517_000000552066_00085_31201_6510.N1	17-FEB-2008 18:55:17	Dark	54.500	4	Alp1Cen	-0.010000	5800.0	109	31201	No
260	GOM_NL__2PRFIN20080217_185637_000000442066_00085_31201_6511.N1	17-FEB-2008 18:56:37	Dark	43.500	10	Bet Cen	0.61000	28000.	87	31201	No
261	GOM_NL__2PRFIN20080217_185937_000000482066_00085_31201_6512.N1	17-FEB-2008 18:59:37	Dark	47.500	12	Alp1Cru	0.77500	30000.	95	31201	No
262	GOM_NL__2PRFIN20080217_190156_000000382066_00085_31201_6513.N1	17-FEB-2008 19:01:56	Dark	37.500	29	Bet Car	1.6720	10200.	75	31201	No
263	GOM_NL__2PRFIN20080217_190435_000000382066_00085_31201_6514.N1	17-FEB-2008 19:04:35	Dark	38.000	71	lot Car	2.2460	7700.0	76	31201	No
264	GOM_NL__2PRFIN20080217_190611_000000372066_00085_31201_6515.N1	17-FEB-2008 19:06:11	Dark	37.000	46	Del Vel	1.9540	10600.	74	31201	No
265	GOM_NL__2PRFIN20080217_190833_000000382066_00085_31201_6516.N1	17-FEB-2008 19:08:33	Straylight	37.500	34	Gam2Vel	1.7930	23000.	75	31201	No
266	GOM_NL__2PRFIN20080217_191038_000000382066_00085_31201_6517.N1	17-FEB-2008 19:10:38	Straylight	37.500	70	Zet Pup	2.2460	39000.	75	31201	No
267	GOM_NL__2PRFIN20080217_191456_000000402066_00085_31201_6518.N1	17-FEB-2008 19:14:56	Straylight	40.000	132	15Rho Pup	2.8030	6900.0	80	31201	No
268	GOM_NL__2PRFIN20080217_192324_000000452066_00085_31201_6519.N1	17-FEB-2008 19:23:24	Bright	45.000	8	10Alp CMi	0.40000	6500.0	90	31201	No
269	GOM_NL__2PRFIN20080217_192938_000000372066_00085_31201_6520.N1	17-FEB-2008 19:29:38	Bright	36.500	17	78Bet Gem	1.1610	4500.0	73	31201	No
270	GOM_NL__2PRFIN20080217_193047_000000362066_00085_31201_6521.N1	17-FEB-2008 19:30:47	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	31201	No
271	GOM_NL__2PRFIN20080217_194658_000000382066_00085_31201_6522.N1	17-FEB-2008 19:46:58	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	31201	No
272	GOM_NL__2PRFIN20080217_195401_000000372066_00085_31201_6523.N1	17-FEB-2008 19:54:01	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	31201	No
273	GOM_NL__2PRFIN20080217_195908_000000332066_00085_31201_6524.N1	17-FEB-2008 19:59:08	Bright	33.000	19	50Alp Cyg	1.2460	10500.	66	31201	No
274	GOM_NL__2PRFIN20080217_200044_000000512066_00085_31201_6525.N1	17-FEB-2008 20:00:44	Bright	51.000	66	37Gam Cyg	2.2080	5900.0	102	31201	No
275	GOM_NL__2PRFIN20080217_200212_000000352066_00085_31201_6526.N1	17-FEB-2008 20:02:12	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	31201	No
276	GOM_NL__2PRFIN20080217_200858_000000352066_00085_31201_6527.N1	17-FEB-2008 20:08:58	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	31201	No
277	GOM_NL__2PRFIN20080217_201832_000000392066_00085_31201_6528.N1	17-FEB-2008 20:18:32	Twilight	38.500	155	41Pi Sgr	2.9000	6600.0	77	31201	No
278	GOM_NL__2PRFIN20080217_202012_000000422066_00085_31201_6529.N1	17-FEB-2008 20:20:12	Twilight	42.000	57	34Sig Sgr	2.0660	26000.	84	31201	No

279	GOM_NL__2PRFIN20080217_202301_000000392066_00085_31201_6530.N1	17-FEB-2008 20:23:01	Dark	38.500	38	20Eps Sgr	1.8360	11000.	77	31201	No
280	GOM_NL__2PRFIN20080217_202515_000000402066_00085_31201_6531.N1	17-FEB-2008 20:25:15	Dark	40.000	25	35Lam Sco	1.6200	28000.	80	31201	No
281	GOM_NL__2PRFIN20080217_202814_000000372066_00085_31201_6532.N1	17-FEB-2008 20:28:14	Dark	37.000	147	Alp Ara	2.8770	26000.	74	31201	No
282	GOM_NL__2PRFIN20080217_203554_000000442066_00086_31202_6525.N1	17-FEB-2008 20:35:54	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	31202	No
283	GOM_NL__2PRFIN20080217_203713_000000432066_00086_31202_6526.N1	17-FEB-2008 20:37:13	Dark	43.000	10	Bet Cen	0.61000	28000.	86	31202	No
284	GOM_NL__2PRFIN20080217_204014_000000482066_00086_31202_6527.N1	17-FEB-2008 20:40:14	Dark	48.000	12	Alp1Cru	0.77500	30000.	96	31202	No
285	GOM_NL__2PRFIN20080217_204232_000000382066_00086_31202_6528.N1	17-FEB-2008 20:42:32	Dark	37.500	29	Bet Car	1.6720	10200.	75	31202	No
286	GOM_NL__2PRFIN20080217_204511_000000392066_00086_31202_6529.N1	17-FEB-2008 20:45:11	Dark	39.000	71	lot Car	2.2460	7700.0	78	31202	No
287	GOM_NL__2PRFIN20080217_204647_000000362066_00086_31202_6530.N1	17-FEB-2008 20:46:47	Dark	36.000	46	Del Vel	1.9540	10600.	72	31202	No
288	GOM_NL__2PRFIN20080217_204909_000000412066_00086_31202_6531.N1	17-FEB-2008 20:49:09	Straylight	40.500	34	Gam2Vel	1.7930	23000.	81	31202	No
289	GOM_NL__2PRFIN20080217_205114_000000382066_00086_31202_6532.N1	17-FEB-2008 20:51:14	Straylight	38.000	70	Zet Pup	2.2460	39000.	76	31202	No
290	GOM_NL__2PRFIN20080217_205532_000000362066_00086_31202_6533.N1	17-FEB-2008 20:55:32	Straylight	35.500	132	15Rho Pup	2.8030	6900.0	71	31202	No
291	GOM_NL__2PRFIN20080217_210400_000000422066_00086_31202_6534.N1	17-FEB-2008 21:04:00	Bright	41.500	8	10Alp CMi	0.40000	6500.0	83	31202	No
292	GOM_NL__2PRFIN20080217_211014_000000362066_00086_31202_6535.N1	17-FEB-2008 21:10:14	Bright	36.000	17	78Bet Gem	1.1610	4500.0	72	31202	No
293	GOM_NL__2PRFIN20080217_211123_000000362066_00086_31202_6536.N1	17-FEB-2008 21:11:23	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	31202	No
294	GOM_NL__2PRFIN20080217_212734_000000352066_00086_31202_6537.N1	17-FEB-2008 21:27:34	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	31202	No
295	GOM_NL__2PRFIN20080217_213437_000000332066_00086_31202_6538.N1	17-FEB-2008 21:34:37	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	31202	No
296	GOM_NL__2PRFIN20080217_213944_000000512066_00086_31202_6539.N1	17-FEB-2008 21:39:44	Bright	51.000	19	50Alp Cyg	1.2460	10500.	102	31202	No
297	GOM_NL__2PRFIN20080217_214120_000000512066_00086_31202_6540.N1	17-FEB-2008 21:41:20	Bright	51.000	66	37Gam Cyg	2.2080	5900.0	102	31202	No
298	GOM_NL__2PRFIN20080217_214248_000000352066_00086_31202_6541.N1	17-FEB-2008 21:42:48	Bright	34.500	92	53Eps Cyg	2.5000	4500.0	69	31202	No
299	GOM_NL__2PRFIN20080217_214934_000000352066_00086_31202_6542.N1	17-FEB-2008 21:49:34	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	31202	No
300	GOM_NL__2PRFIN20080217_215908_000000412066_00086_31202_6543.N1	17-FEB-2008 21:59:08	Twilight	40.500	155	41Pi Sgr	2.9000	6600.0	81	31202	No
301	GOM_NL__2PRFIN20080217_220048_000000392066_00086_31202_6544.N1	17-FEB-2008 22:00:48	Twilight	39.000	57	34Sig Sgr	2.0660	26000.	78	31202	No
302	GOM_NL__2PRFIN20080217_220337_000000422066_00086_31202_6545.N1	17-FEB-2008 22:03:37	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	31202	No
303	GOM_NL__2PRFIN20080217_220552_000000452066_00086_31202_6546.N1	17-FEB-2008 22:05:52	Dark	44.500	25	35Lam Sco	1.6200	28000.	89	31202	No
304	GOM_NL__2PRFIN20080217_220850_000000382066_00086_31202_6547.N1	17-FEB-2008 22:08:50	Dark	38.000	147	Alp Ara	2.8770	26000.	76	31202	No
305	GOM_NL__2PRFIN20080217_221016_000000382066_00086_31202_6548.N1	17-FEB-2008 22:10:16	Dark	38.000	141	Bet Ara	2.8400	4600.0	76	31202	No
306	GOM_NL__2PRFIN20080217_221630_000000412066_00087_31203_6541.N1	17-FEB-2008 22:16:30	Dark	40.500	4	Alp1Cen	-0.010000	5800.0	81	31203	No
307	GOM_NL__2PRFIN20080217_221750_000000422066_00087_31203_6542.N1	17-FEB-2008 22:17:50	Dark	42.000	10	Bet Cen	0.61000	28000.	84	31203	No
308	GOM_NL__2PRFIN20080217_222050_000000502066_00087_31203_6543.N1	17-FEB-2008 22:20:50	Dark	50.000	12	Alp1Cru	0.77500	30000.	100	31203	No
309	GOM_NL__2PRFIN20080217_222308_000000372066_00087_31203_6544.N1	17-FEB-2008 22:23:08	Dark	36.500	29	Bet Car	1.6720	10200.	73	31203	No
310	GOM_NL__2PRFIN20080217_222547_000000372066_00087_31203_6545.N1	17-FEB-2008 22:25:47	Dark	37.000	71	lot Car	2.2460	7700.0	74	31203	No
311	GOM_NL__2PRFIN20080217_222723_000000412066_00087_31203_6546.N1	17-FEB-2008 22:27:23	Dark	41.000	46	Del Vel	1.9540	10600.	82	31203	No
312	GOM_NL__2PRFIN20080217_222945_000000392066_00087_31203_6547.N1	17-FEB-2008 22:29:45	Straylight	39.000	34	Gam2Vel	1.7930	23000.	78	31203	No
313	GOM_NL__2PRFIN20080217_223150_000000402066_00087_31203_6548.N1	17-FEB-2008 22:31:50	Straylight	40.000	70	Zet Pup	2.2460	39000.	80	31203	No
314	GOM_NL__2PRFIN20080217_223608_000000382066_00087_31203_6549.N1	17-FEB-2008 22:36:08	Straylight	37.500	132	15Rho Pup	2.8030	6900.0	75	31203	No
315	GOM_NL__2PRFIN20080217_224436_000000422066_00087_31203_6550.N1	17-FEB-2008 22:44:36	Bright	41.500	8	10Alp CMi	0.40000	6500.0	83	31203	No
316	GOM_NL__2PRFIN20080217_225050_000000382066_00087_31203_6551.N1	17-FEB-2008 22:50:50	Bright	37.500	17	78Bet Gem	1.1610	4500.0	75	31203	No
317	GOM_NL__2PRFIN20080217_225159_000000362066_00087_31203_6552.N1	17-FEB-2008 22:51:59	Bright	36.000	24	66Alp Gem	1.5800	10200.	72	31203	No
318	GOM_NL__2PRFIN20080217_230810_000000352066_00087_31203_6553.N1	17-FEB-2008 23:08:10	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	31203	No
319	GOM_NL__2PRFIN20080217_231513_000000322066_00087_31203_6554.N1	17-FEB-2008 23:15:13	Bright	32.000	89	5Alp Cep	2.4510	8000.0	64	31203	No
320	GOM_NL__2PRFIN20080217_232020_000000362066_00087_31203_6555.N1	17-FEB-2008 23:20:20	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	31203	No
321	GOM_NL__2PRFIN20080217_232156_000000352066_00087_31203_6556.N1	17-FEB-2008 23:21:56	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	31203	No
322	GOM_NL__2PRFIN20080217_232324_000000332066_00087_31203_6557.N1	17-FEB-2008 23:23:24	Bright	33.000	92	53Eps Cyg	2.5000	4500.0	66	31203	No
323	GOM_NL__2PRFIN20080217_233009_000000352066_00087_31203_6558.N1	17-FEB-2008 23:30:09	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	31203	No
324	GOM_NL__2PRFIN20080217_233944_000000392066_00087_31203_6559.N1	17-FEB-2008 23:39:44	Twilight	38.500	155	41Pi Sgr	2.9000	6600.0	77	31203	No
325	GOM_NL__2PRFIN20080217_234413_000000432066_00087_31203_6560.N1	17-FEB-2008 23:44:13	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	31203	No
326	GOM_NL__2PRFIN20080217_234628_000000462066_00087_31203_6561.N1	17-FEB-2008 23:46:28	Dark	45.500	25	35Lam Sco	1.6200	28000.	91	31203	No
327	GOM_NL__2PRFIN20080217_235052_000000462066_00087_31203_6562.N1	17-FEB-2008 23:50:52	Dark	45.500	141	Bet Ara	2.8400	4600.0	91	31203	No
328	GOM_NL__2PRFIN20080217_235707_000000442066_00088_31204_6551.N1	17-FEB-2008 23:57:07	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	31204	No
329	GOM_NL__2PRFIN20080217_235826_000000452066_00088_31204_6552.N1	17-FEB-2008 23:58:26	Dark	45.000	10	Bet Cen	0.61000	28000.	90	31204	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.

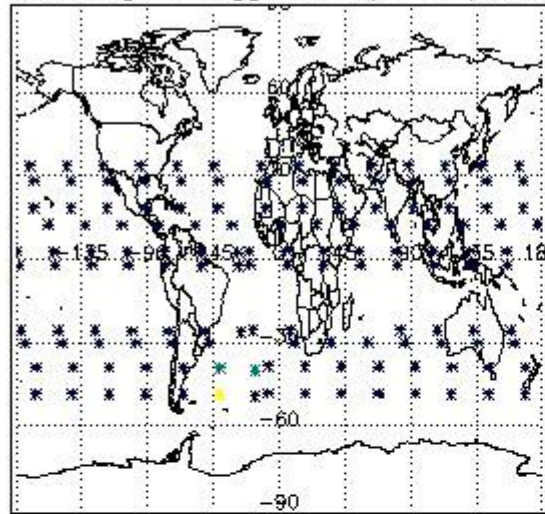
3.1 Plot quality information per product (time dependant)



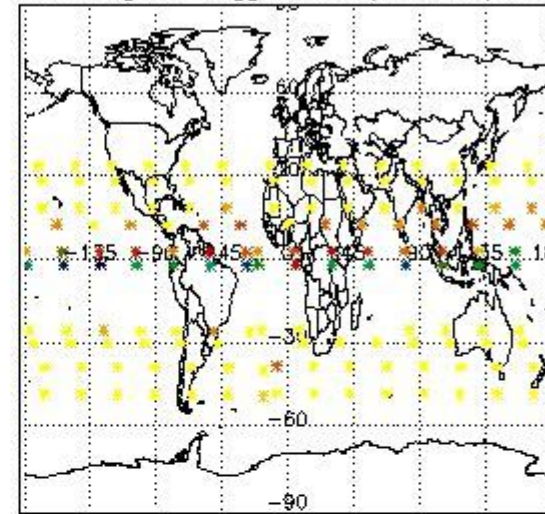
3.2 Plot quality information per product (world map)



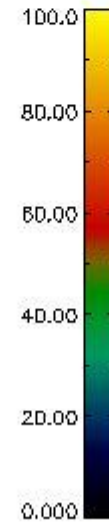
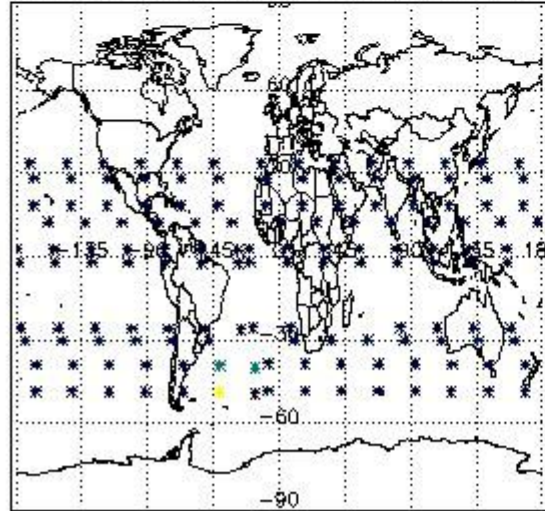
Percentage of flagged data per O3 profile



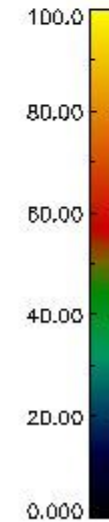
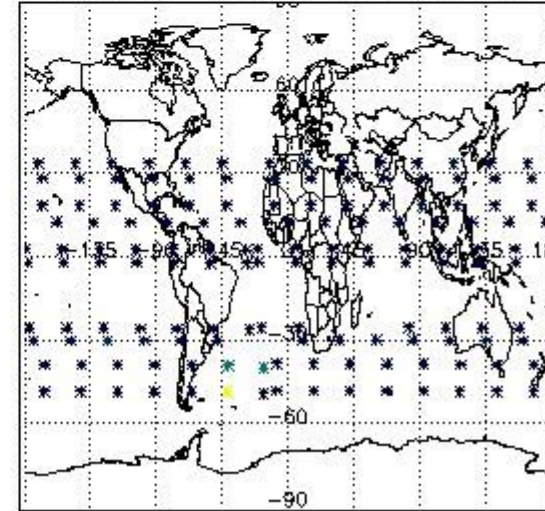
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

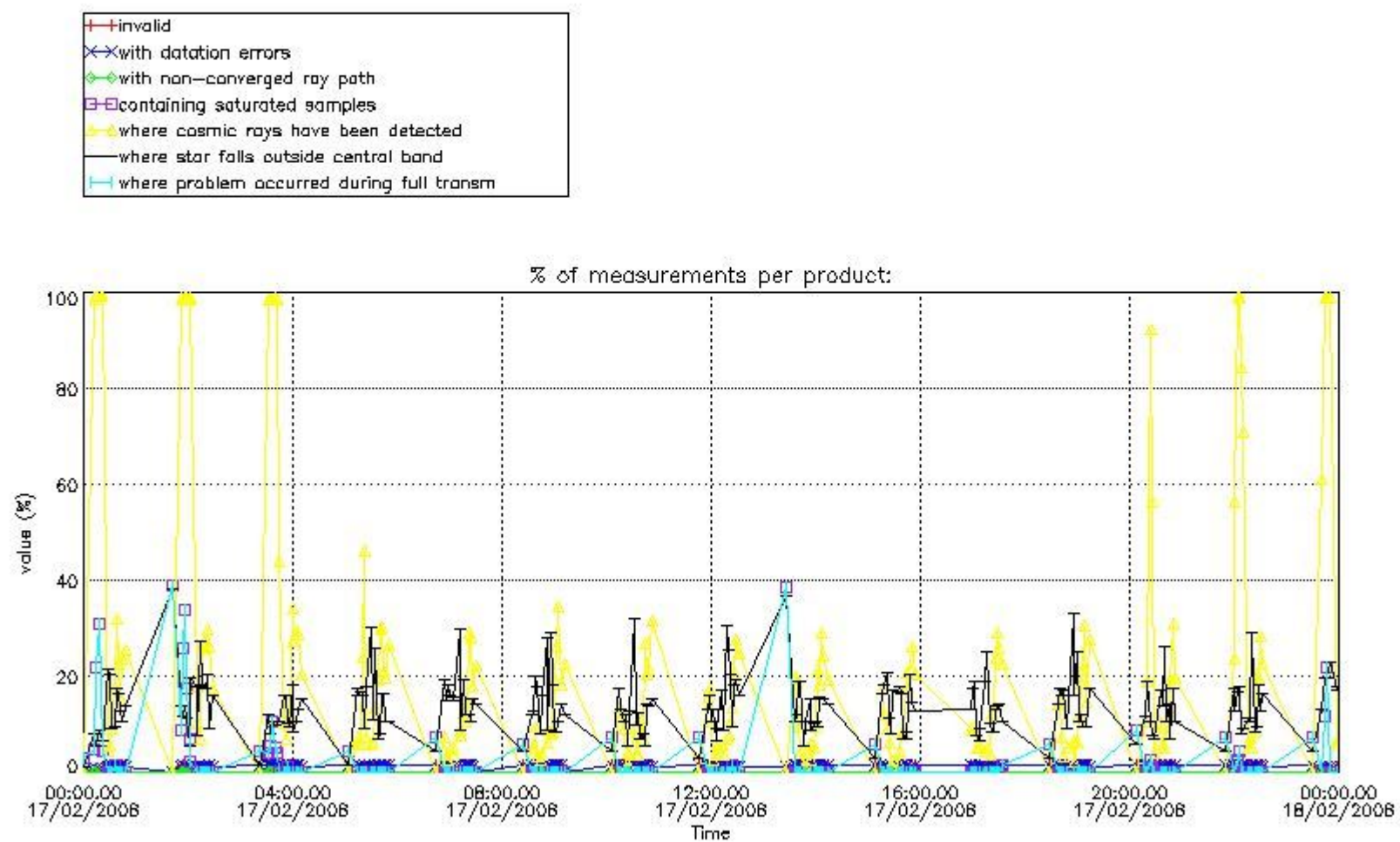


#### 4. Level 1 quality information per product

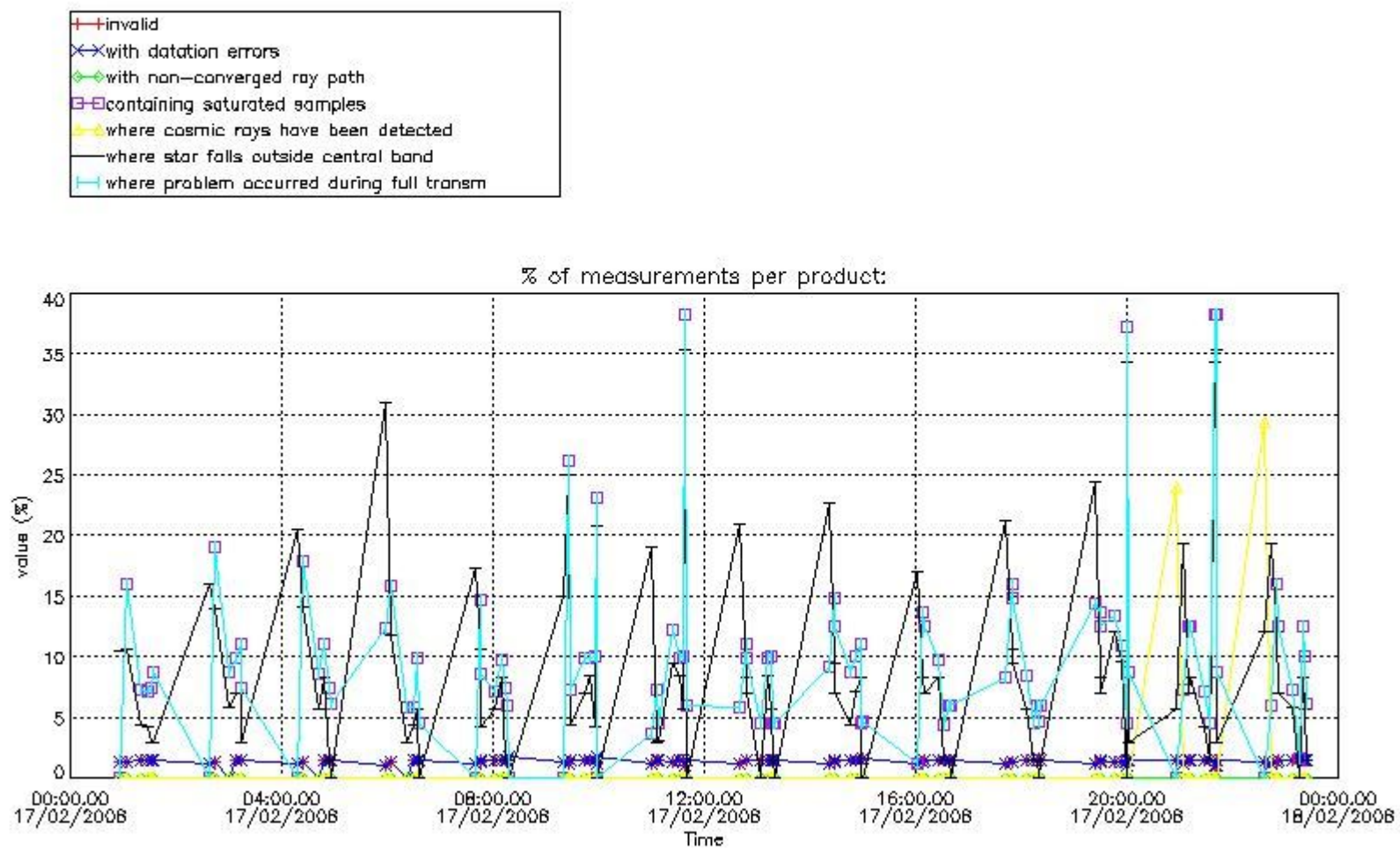
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



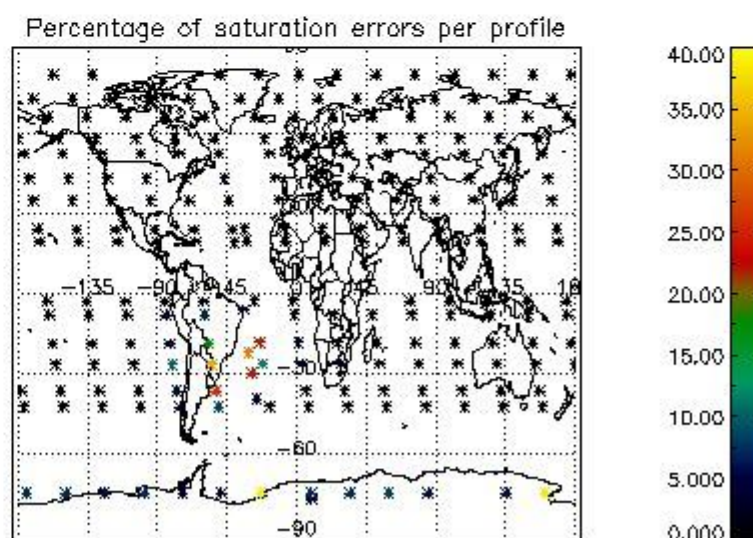
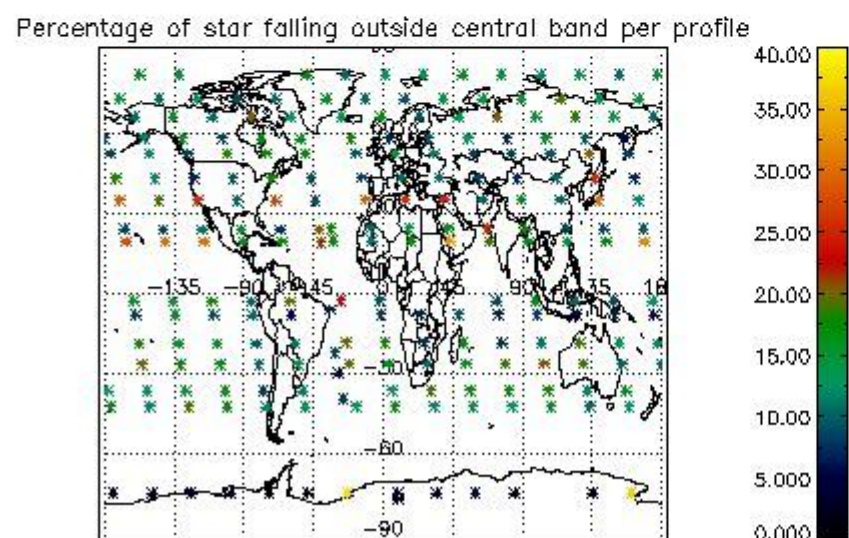
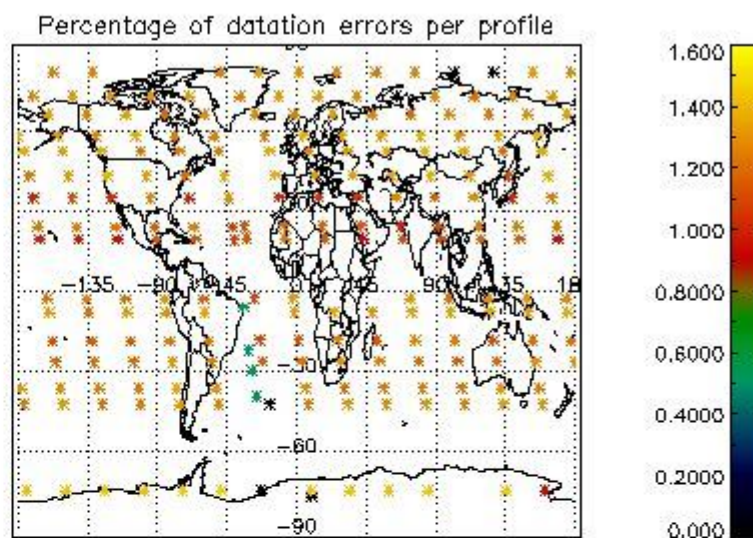
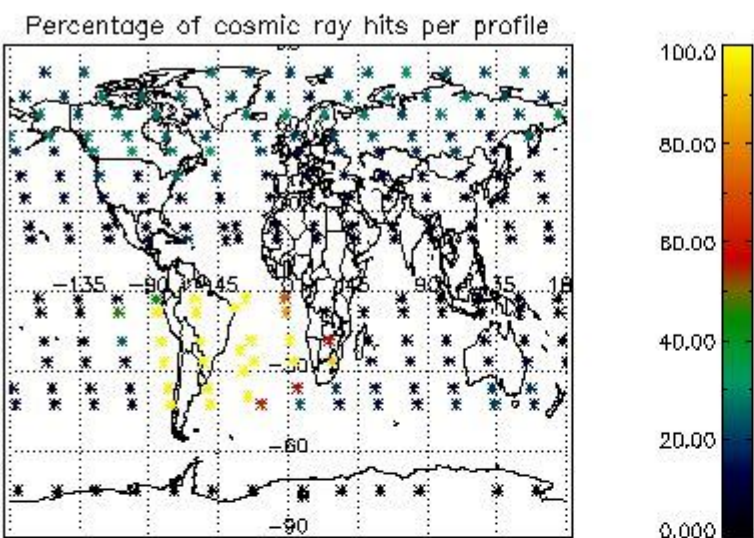
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



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

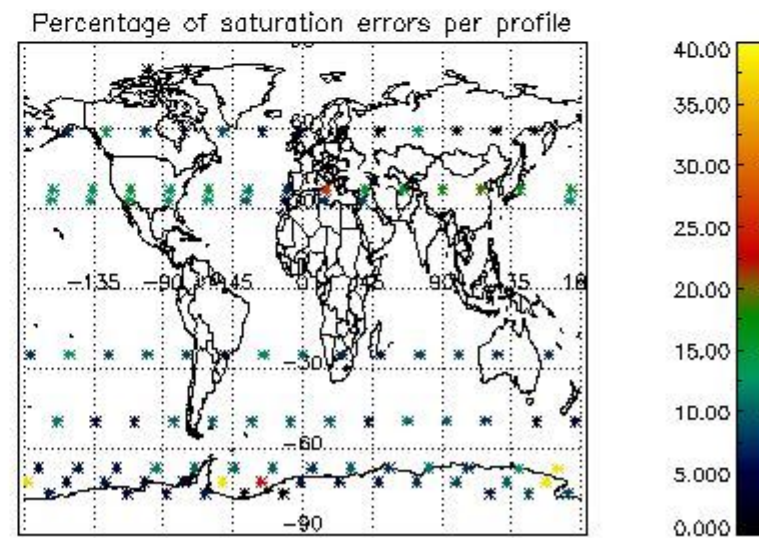
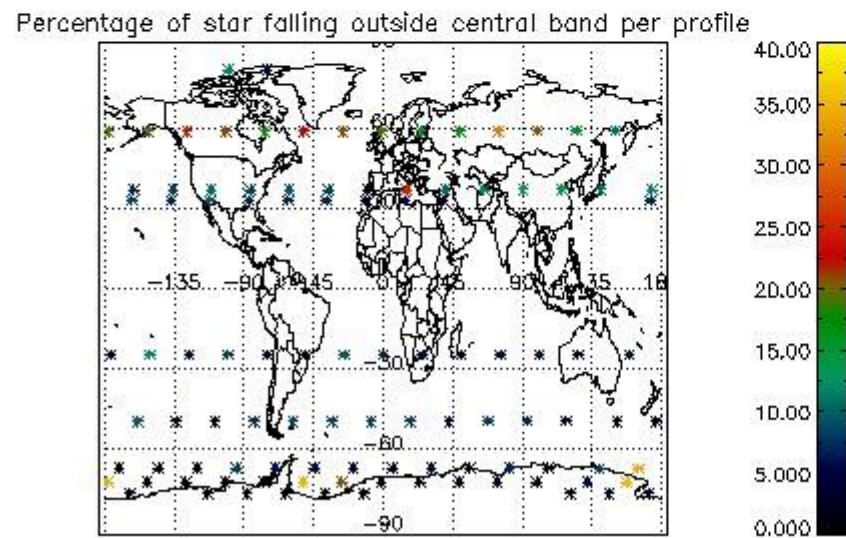
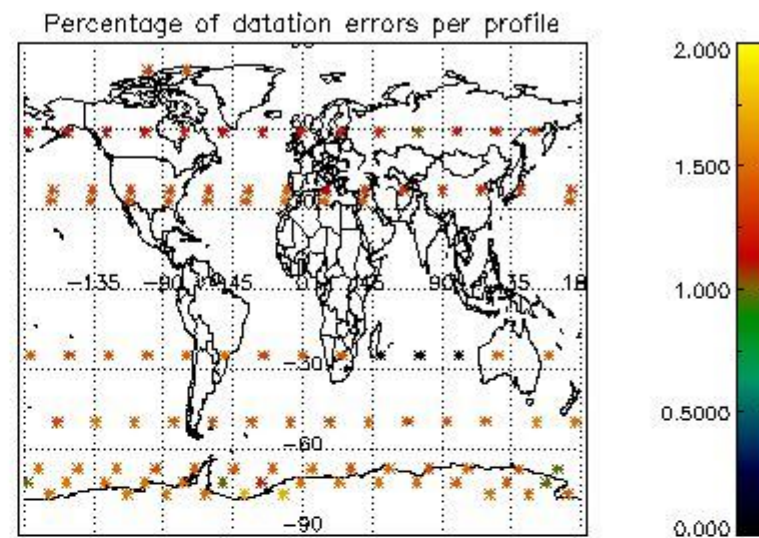
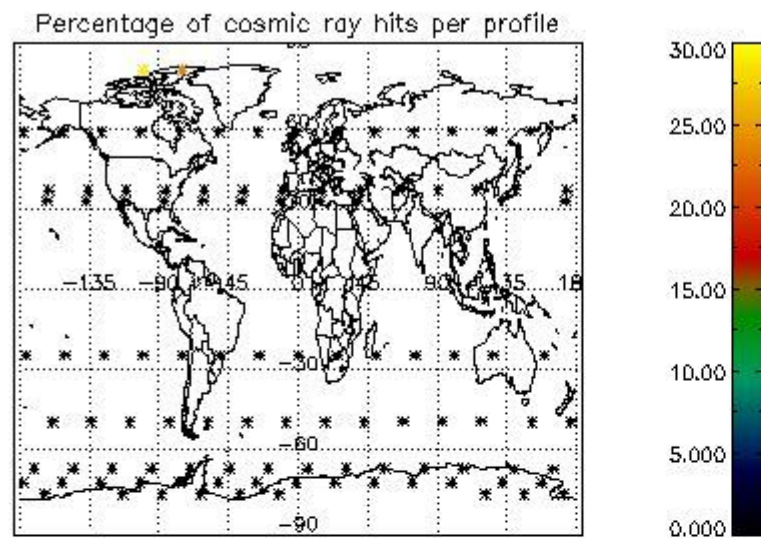
##### 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes





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

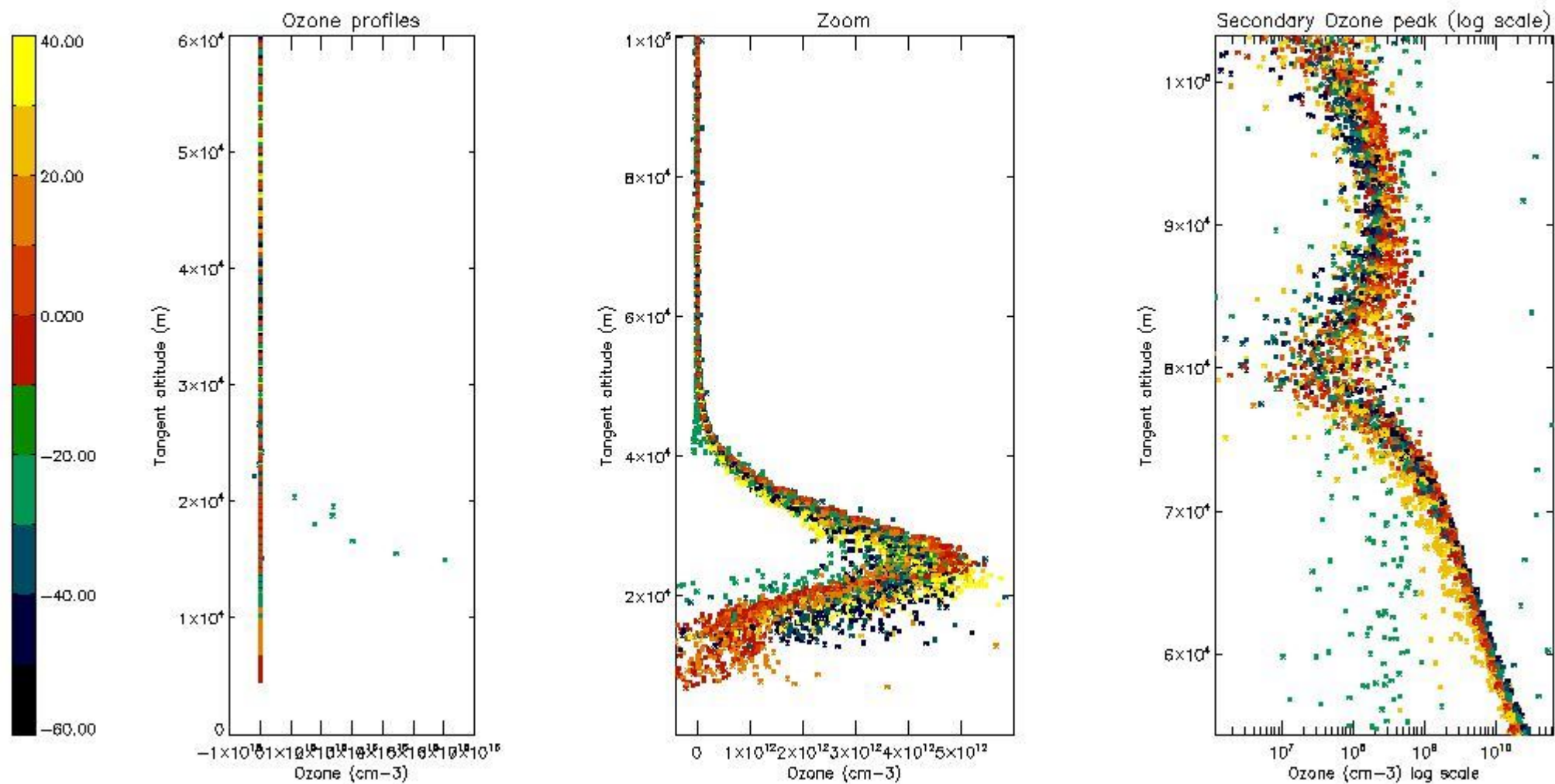
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	46
STD < 20	26

STD < 10	22
STD < 5	16

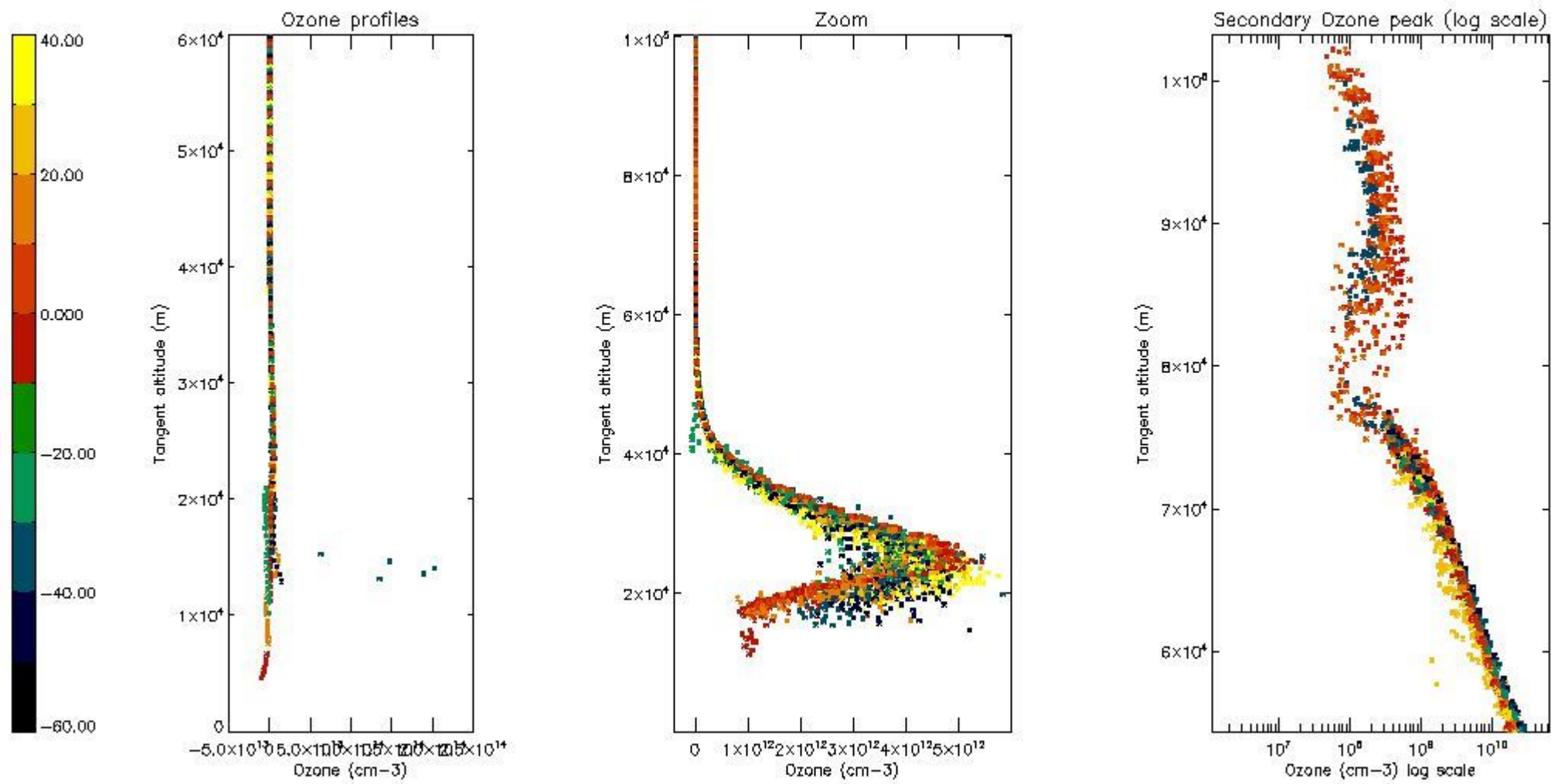
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

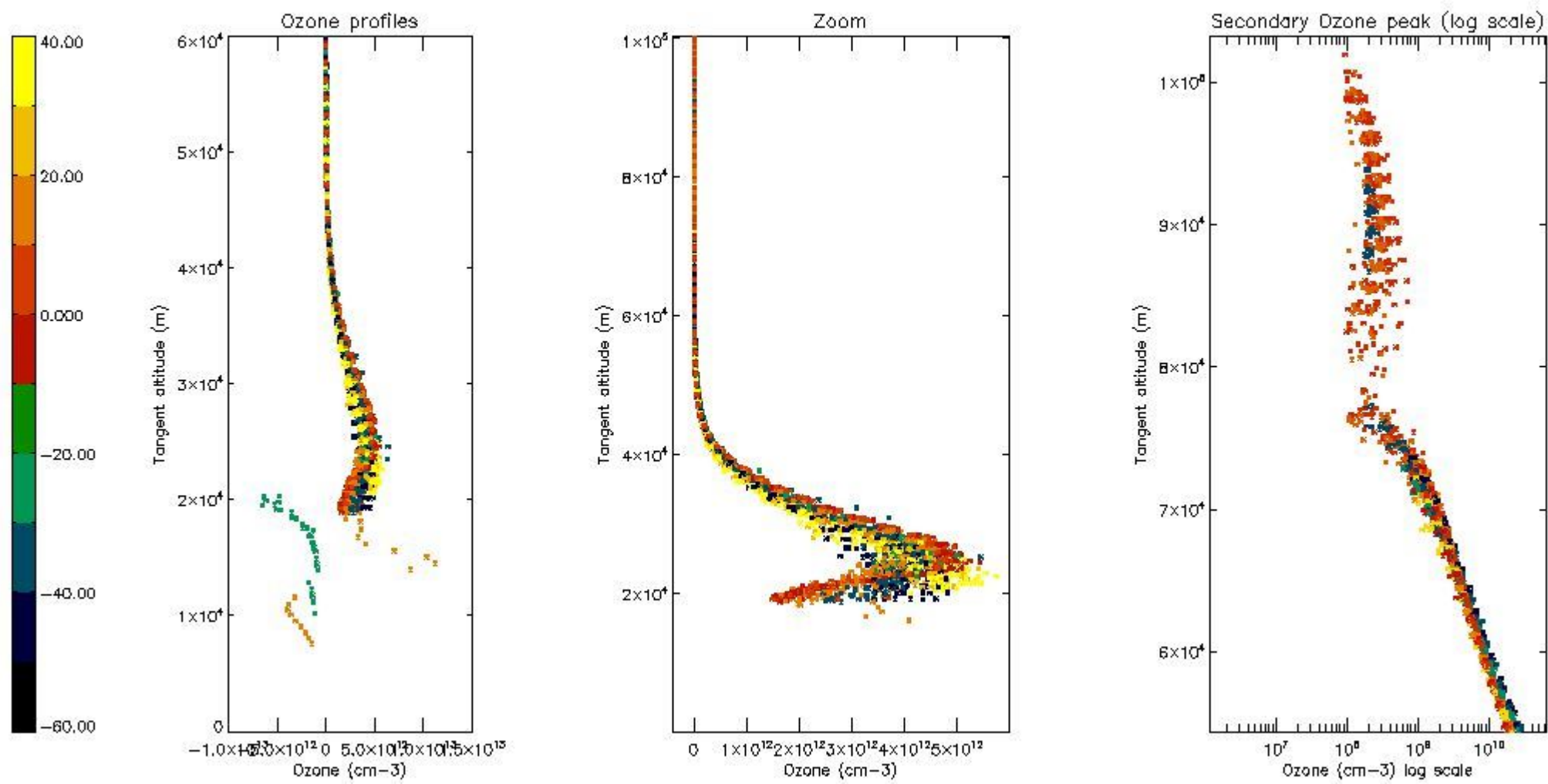
The colorbar represents the latitude.



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

The colorbar represents the latitude.

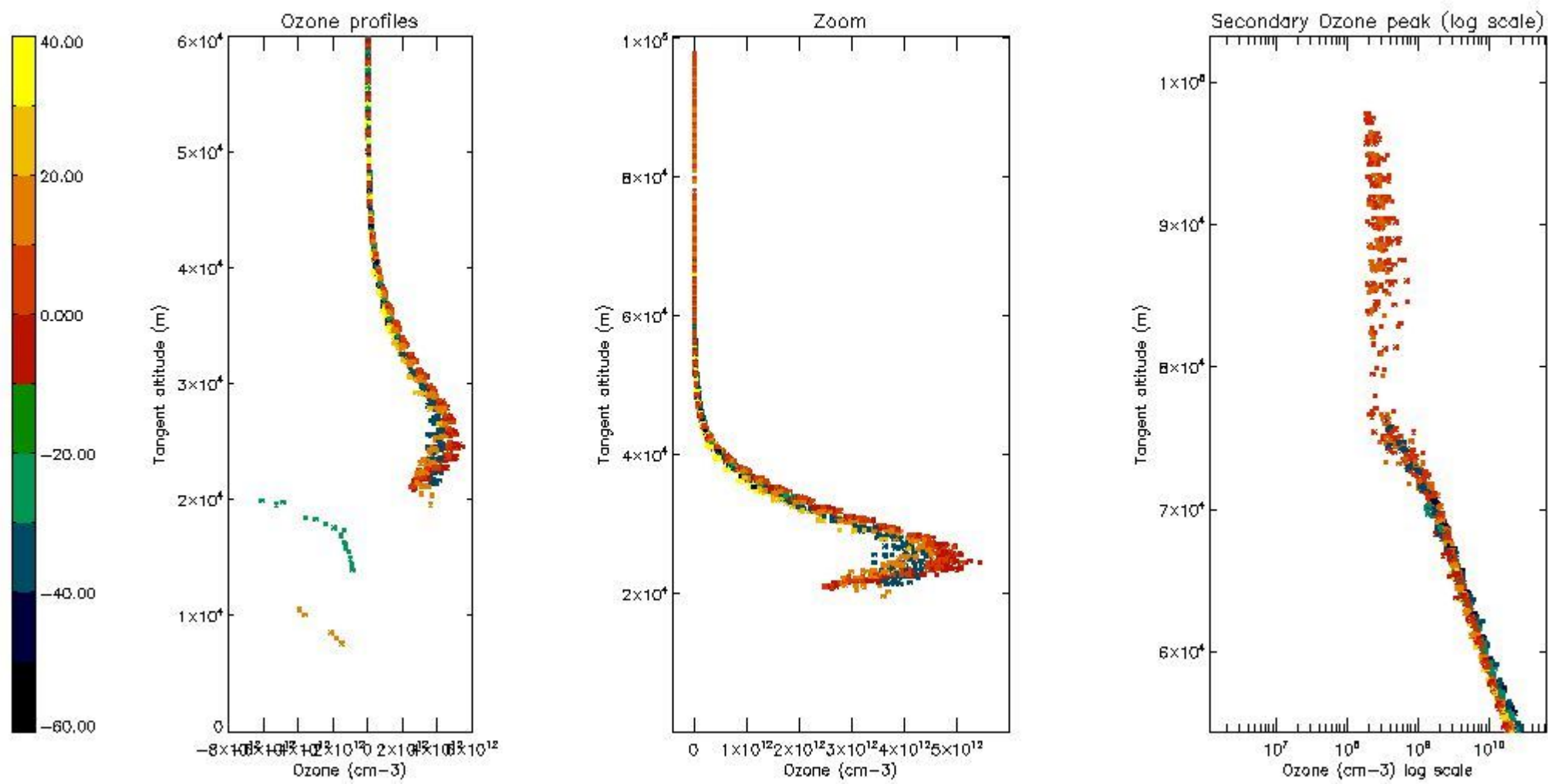




*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

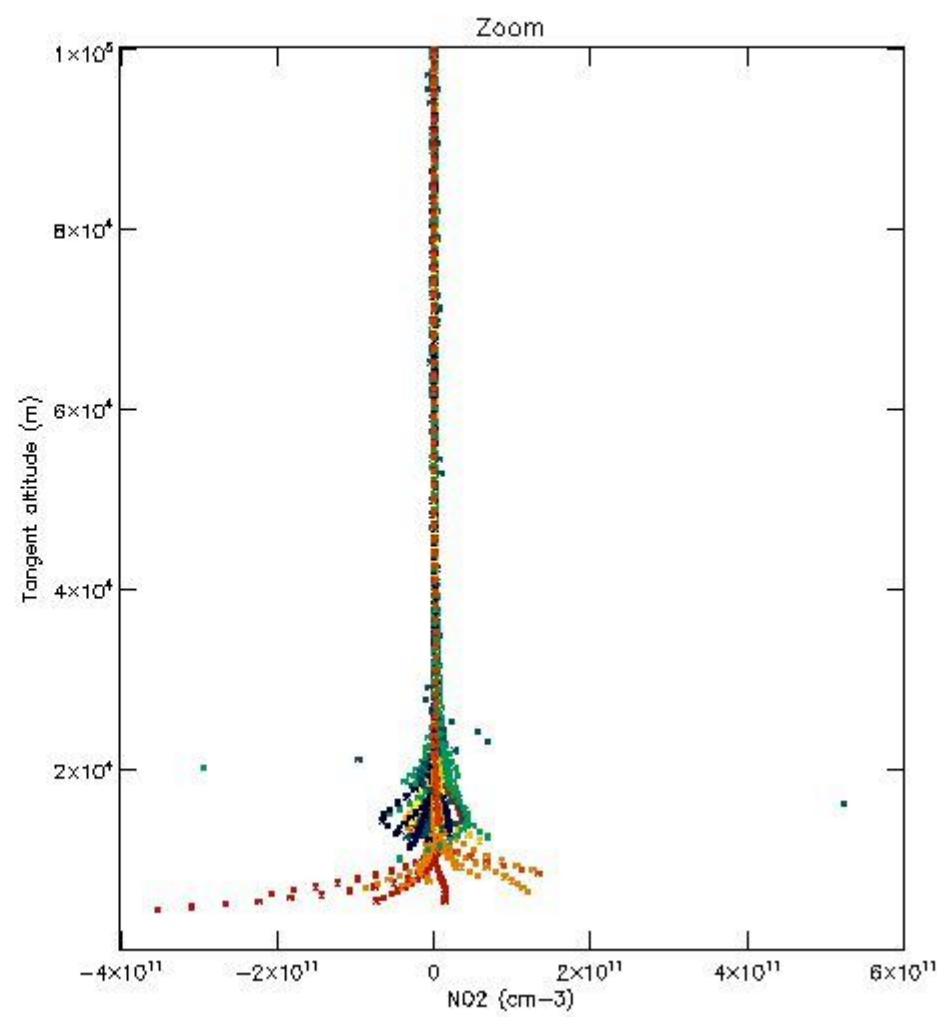
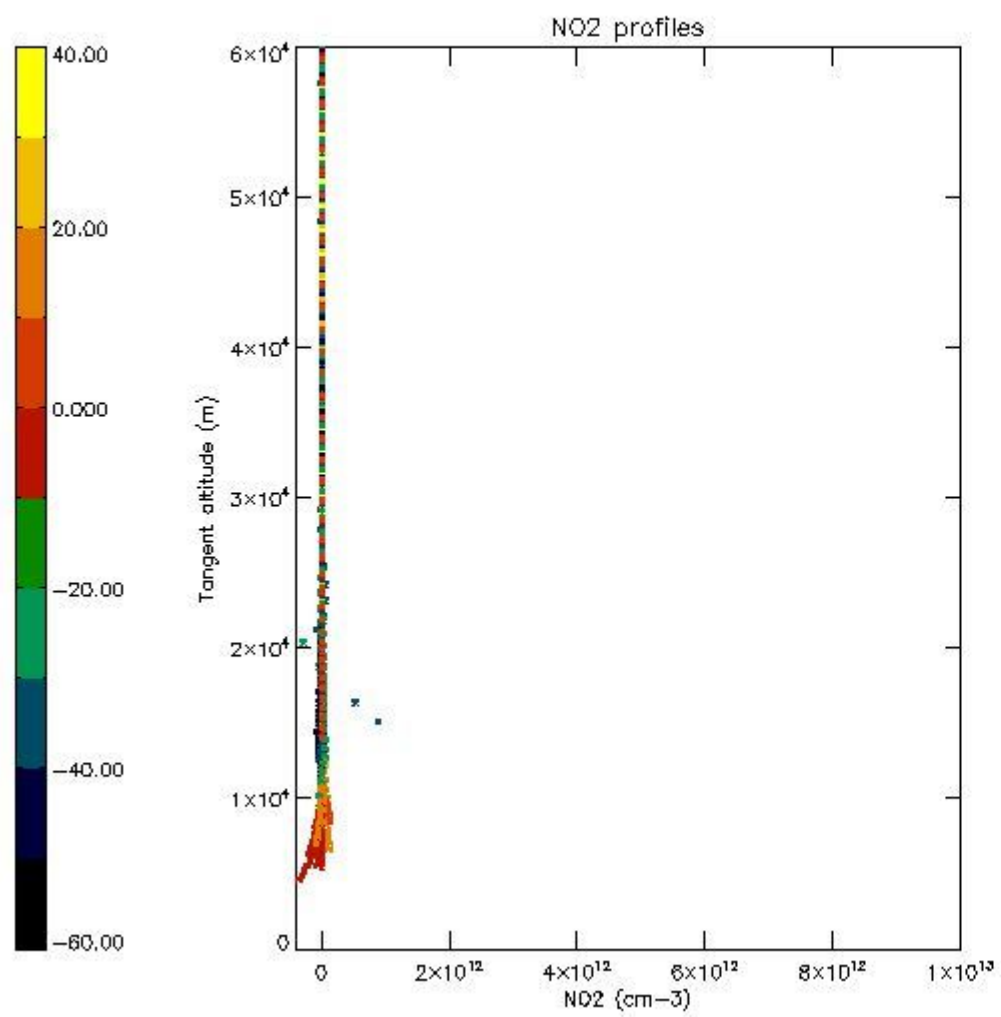
The colorbar represents the latitude.





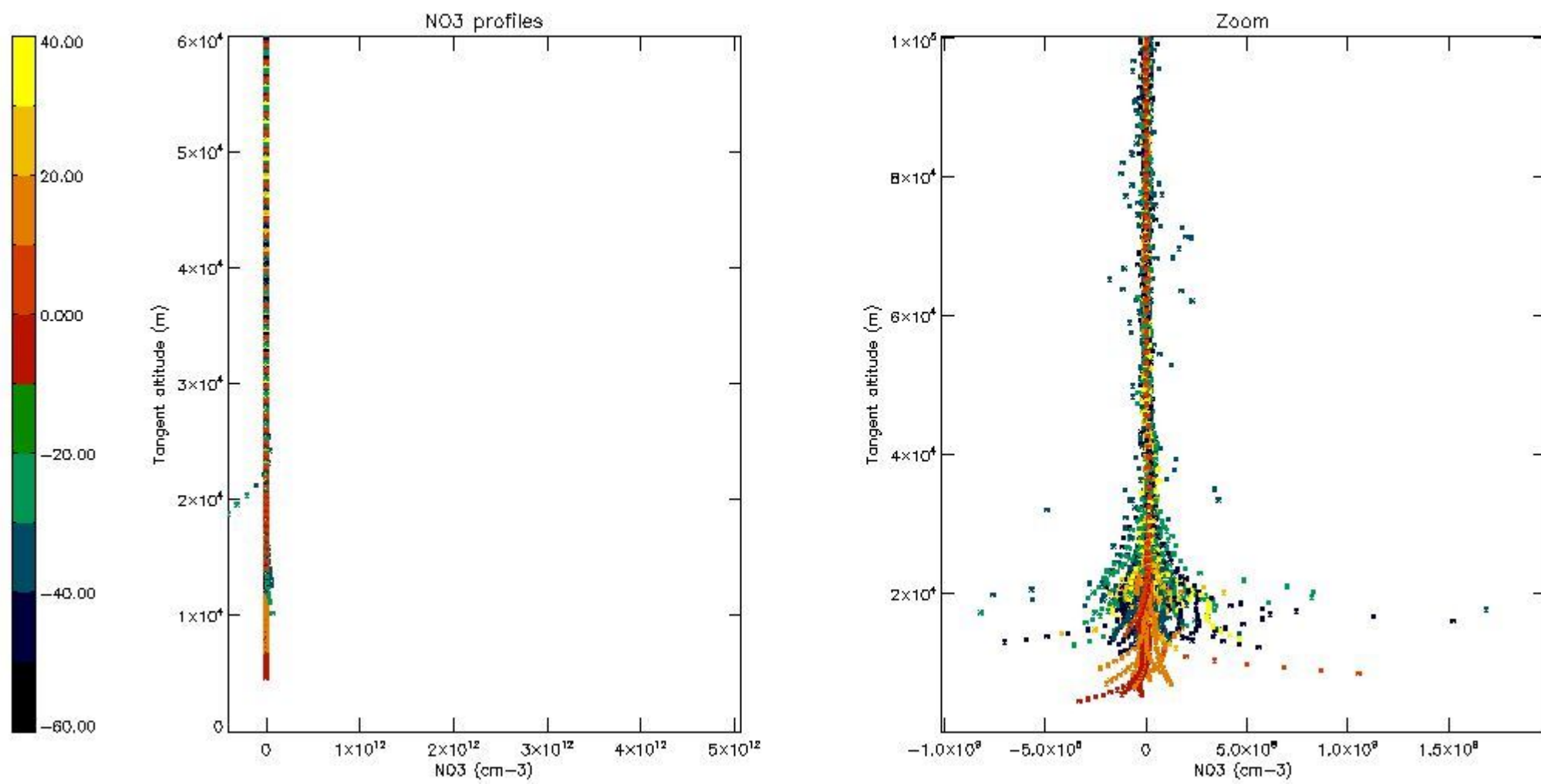
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

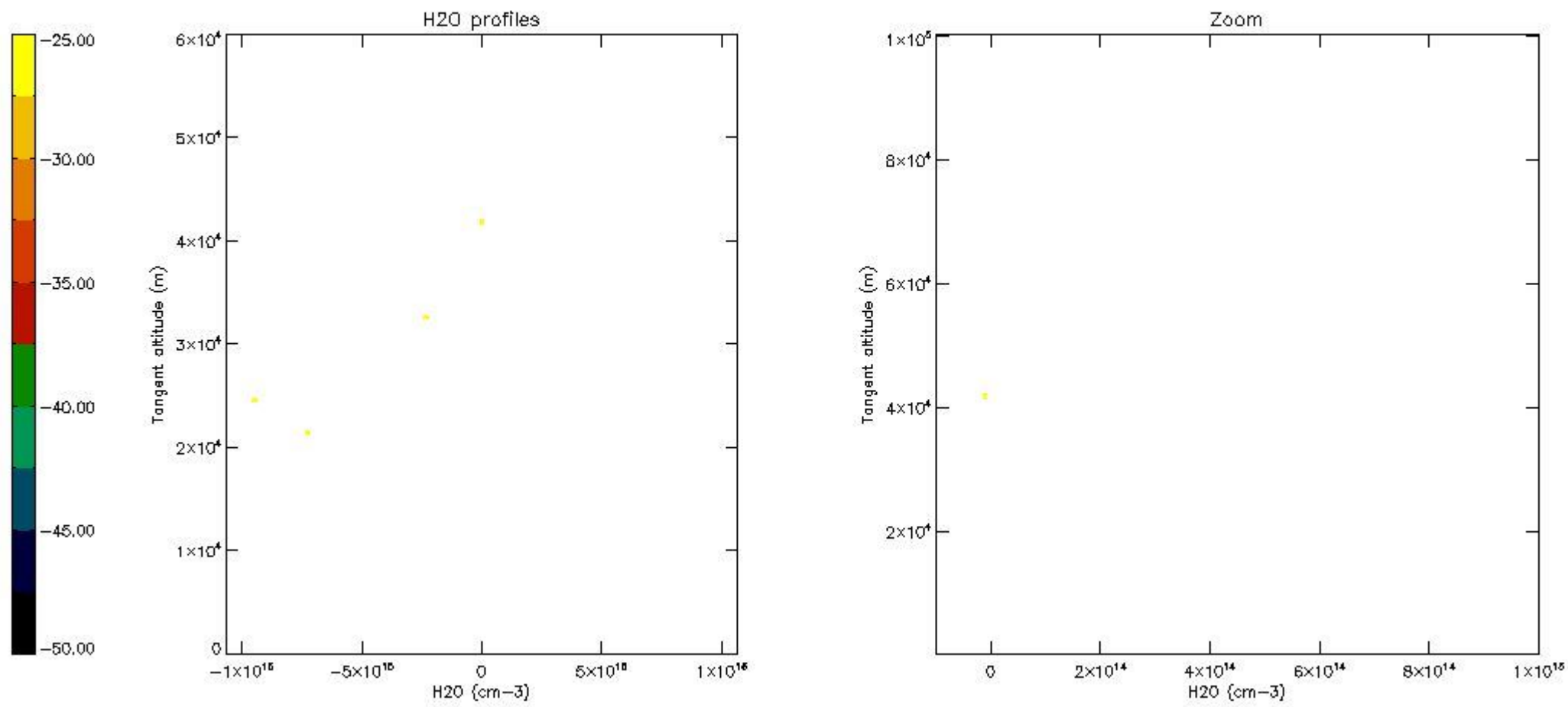
The colorbar represents the latitude.



5.8 Plot H<sub>2</sub>O 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.

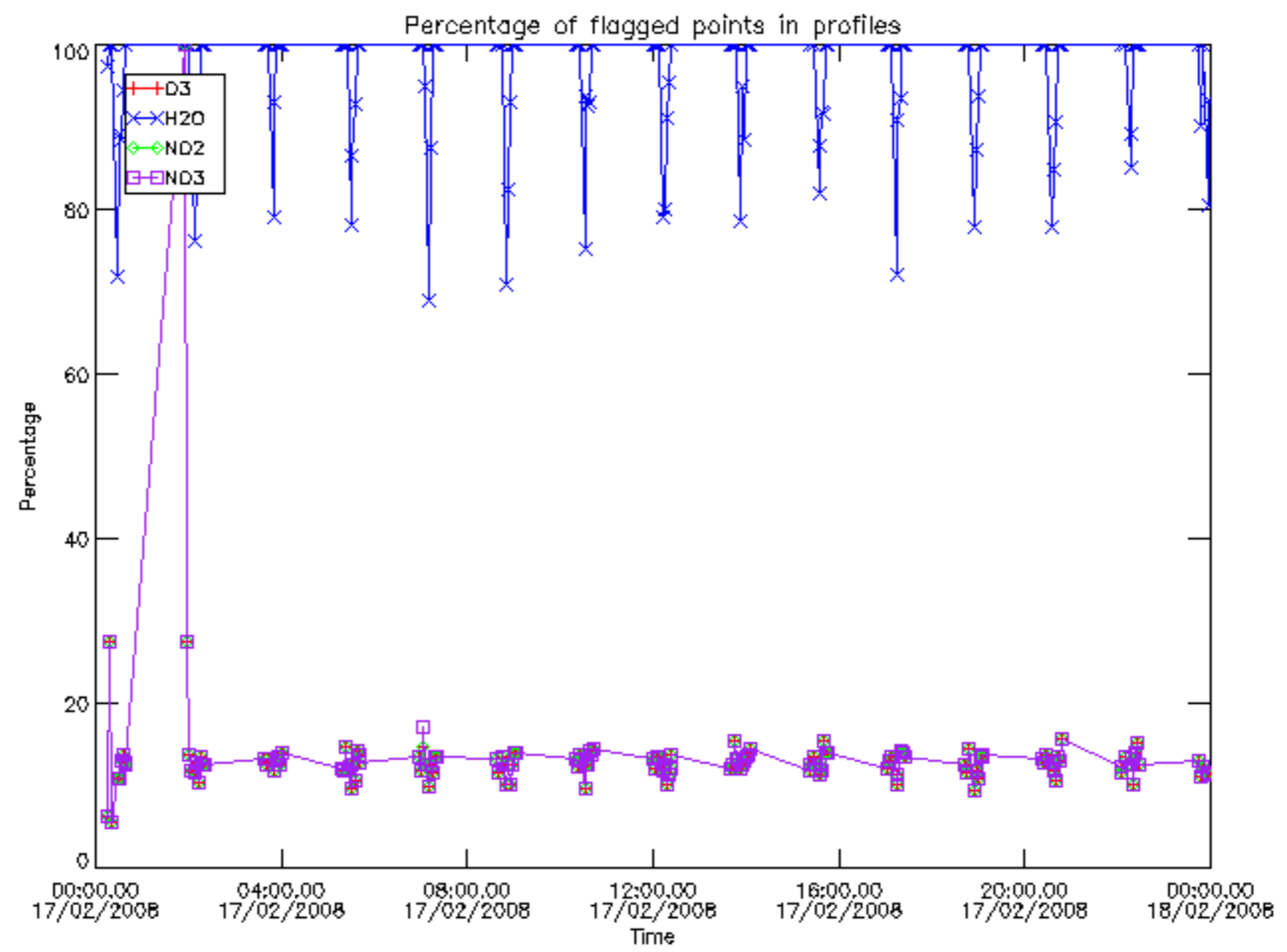




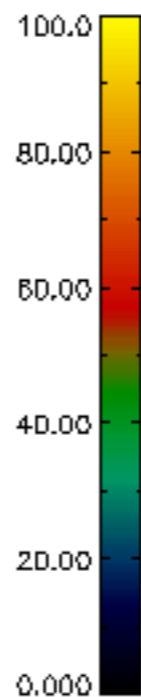
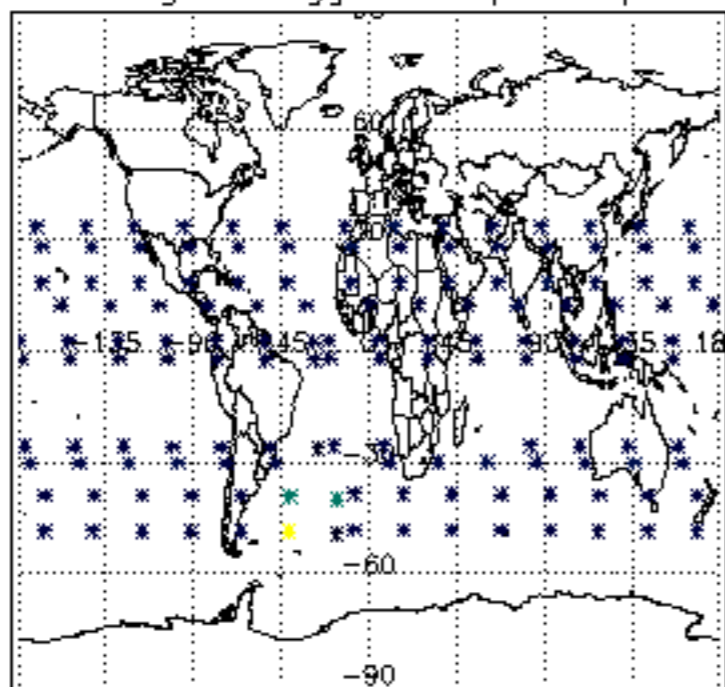
## 6. Auxiliary Data Files used for the production reported in section 2

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.

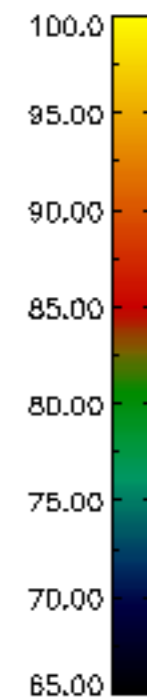
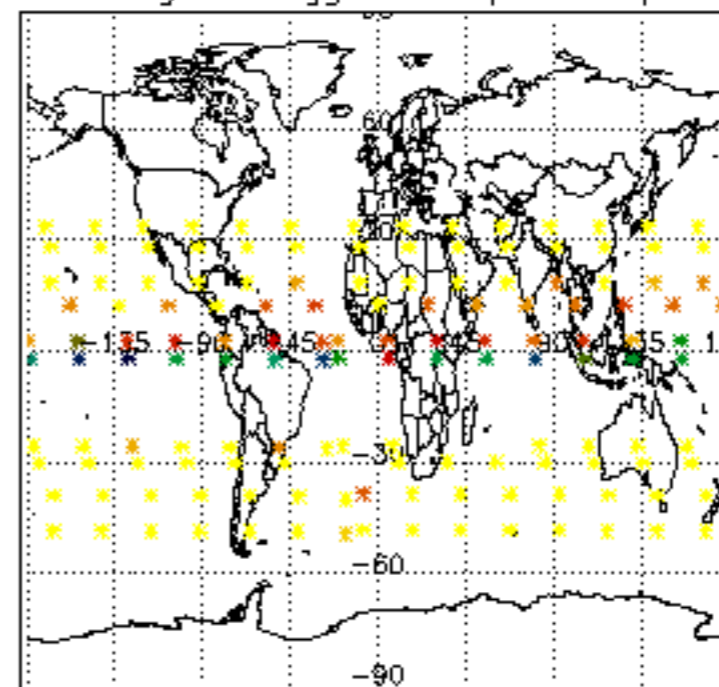
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	17-FEB-2008 00:00:52
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-FEB-2008 00:00:52
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-FEB-2008 00:00:52



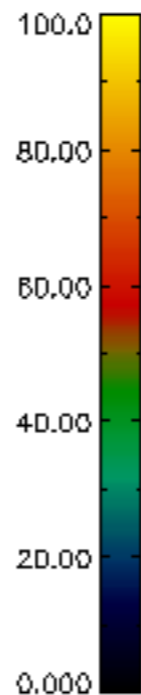
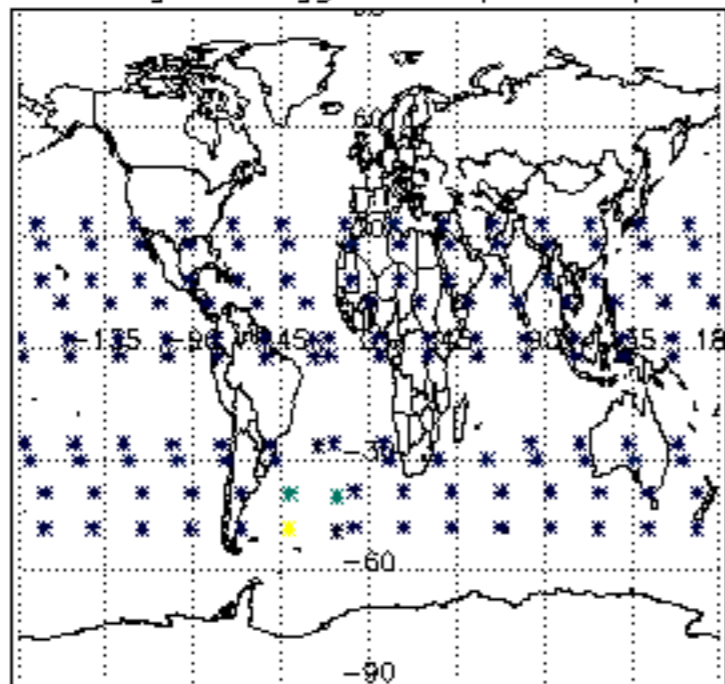
Percentage of flagged data per D3 profile



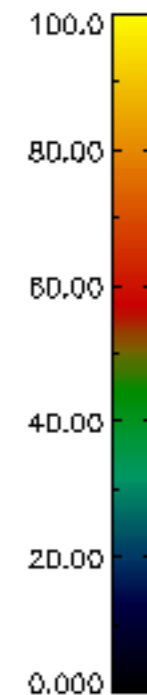
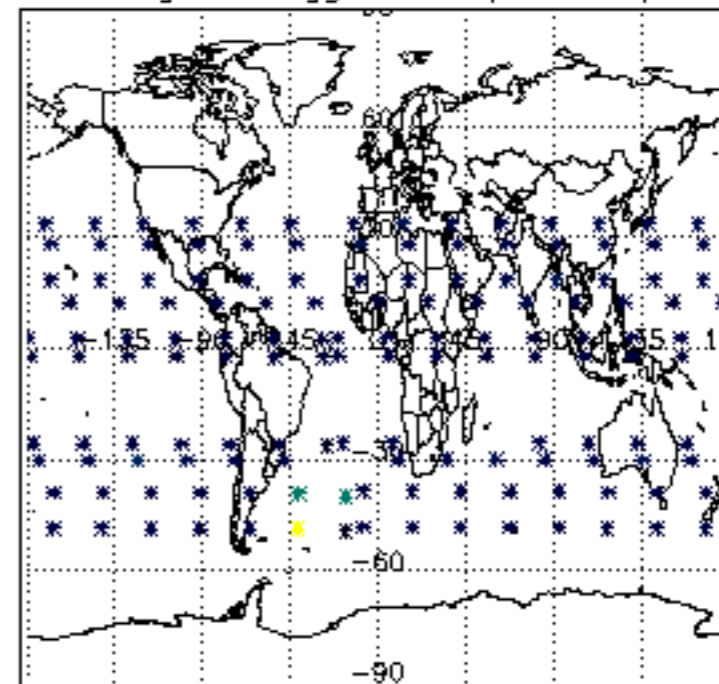
Percentage of flagged data per H2O profile



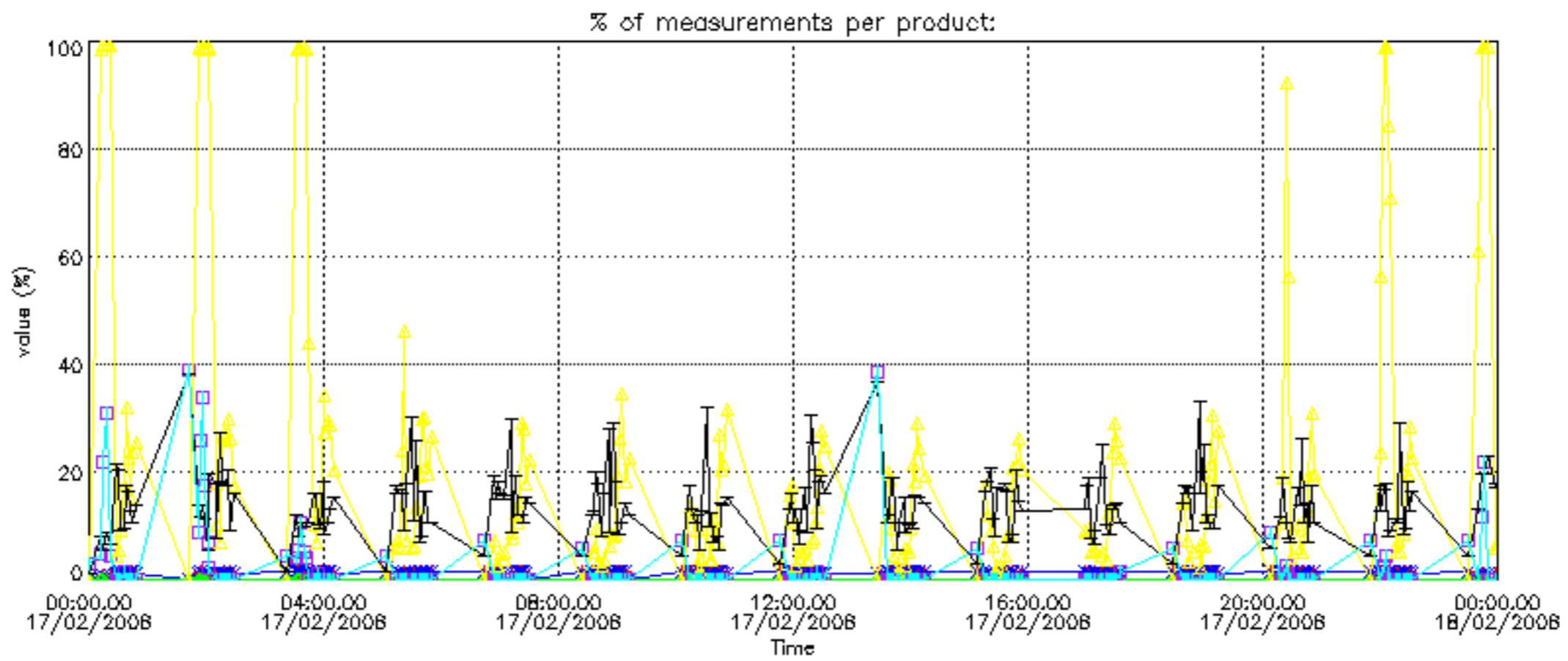
Percentage of flagged data per NO2 profile

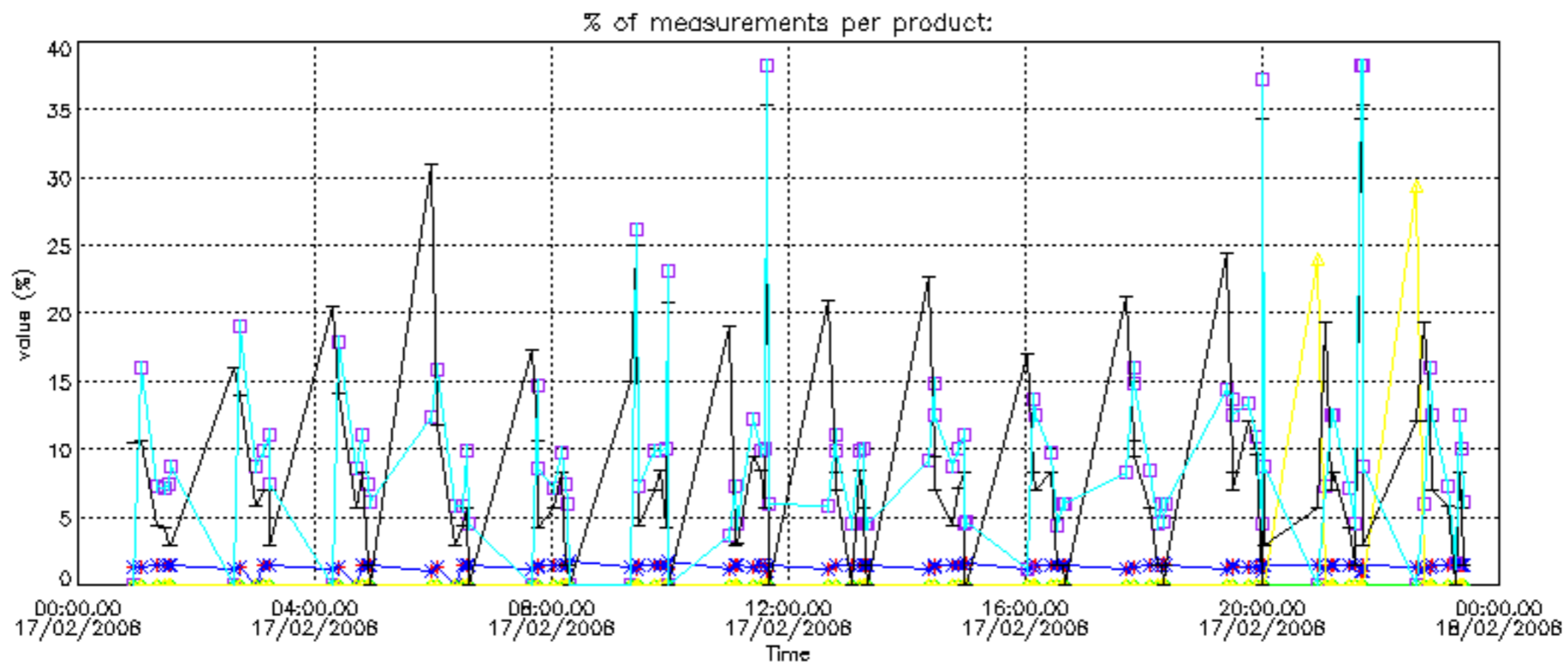


Percentage of flagged data per NO3 profile

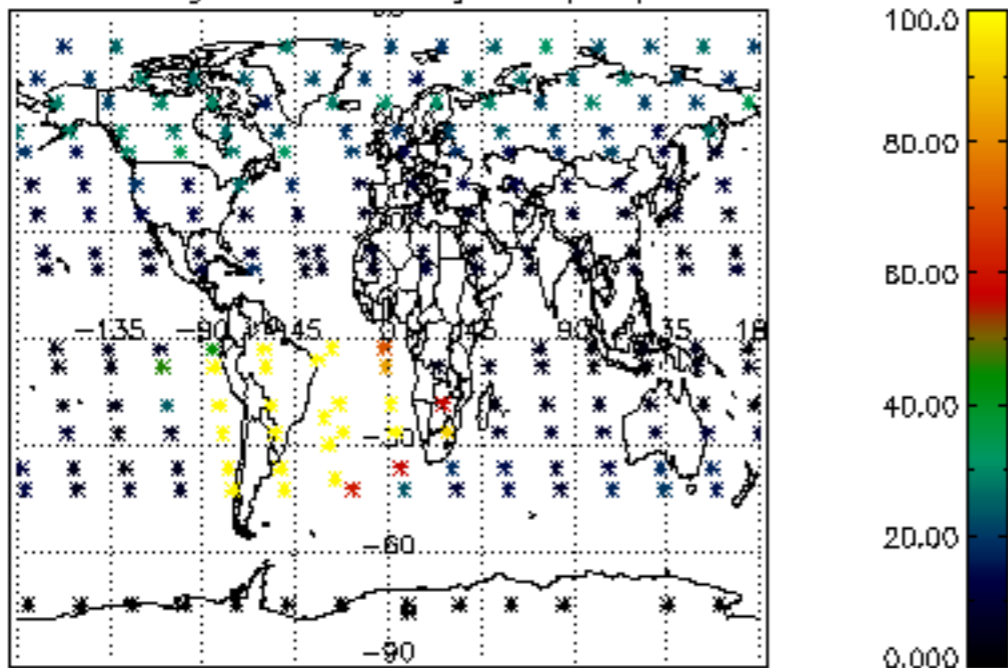




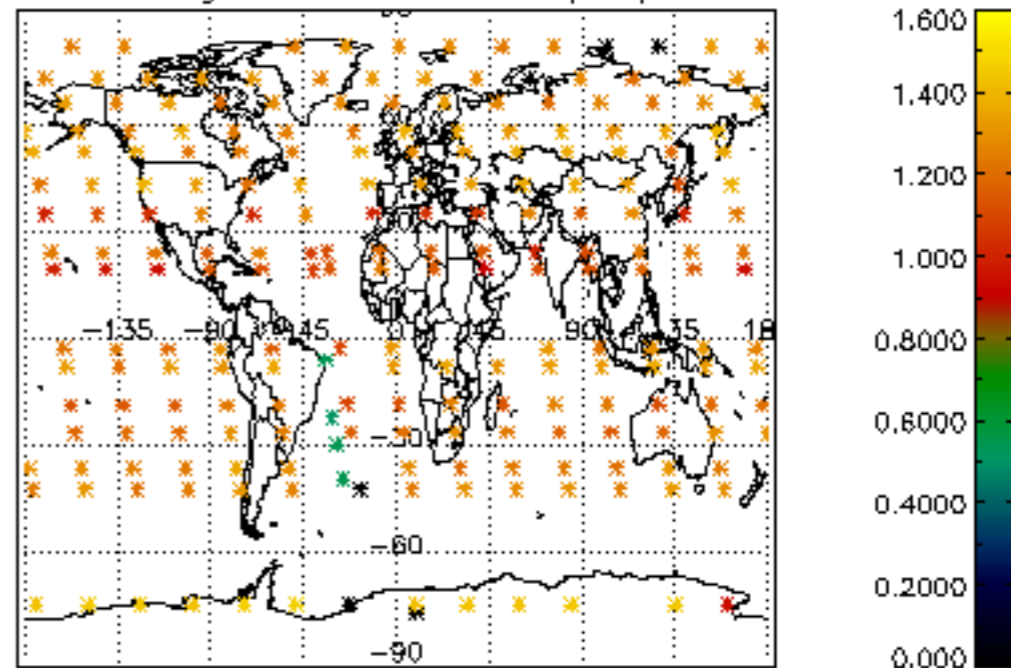




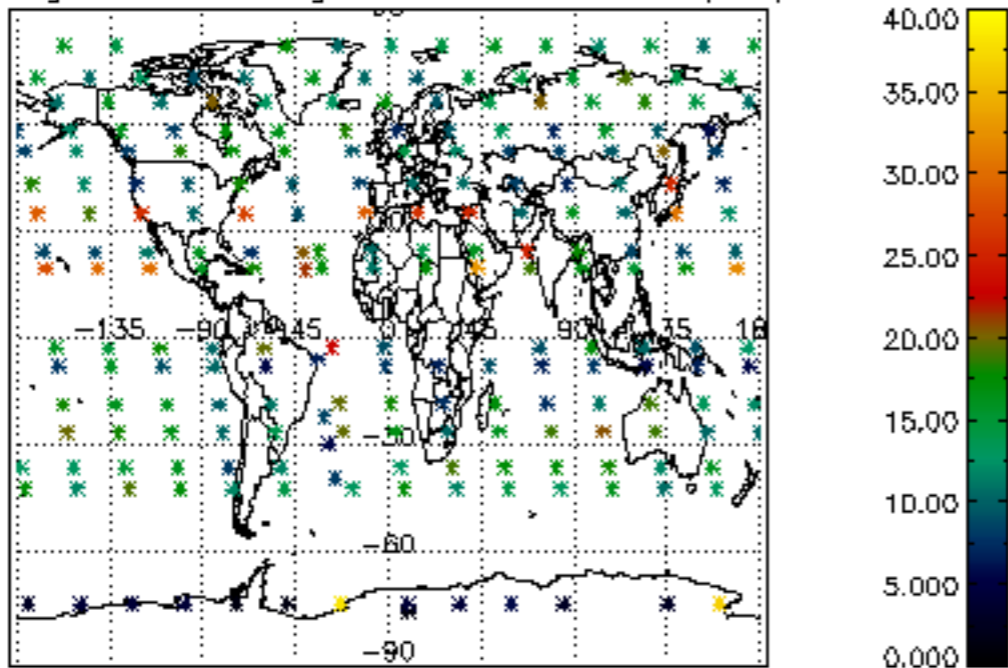
Percentage of cosmic ray hits per profile



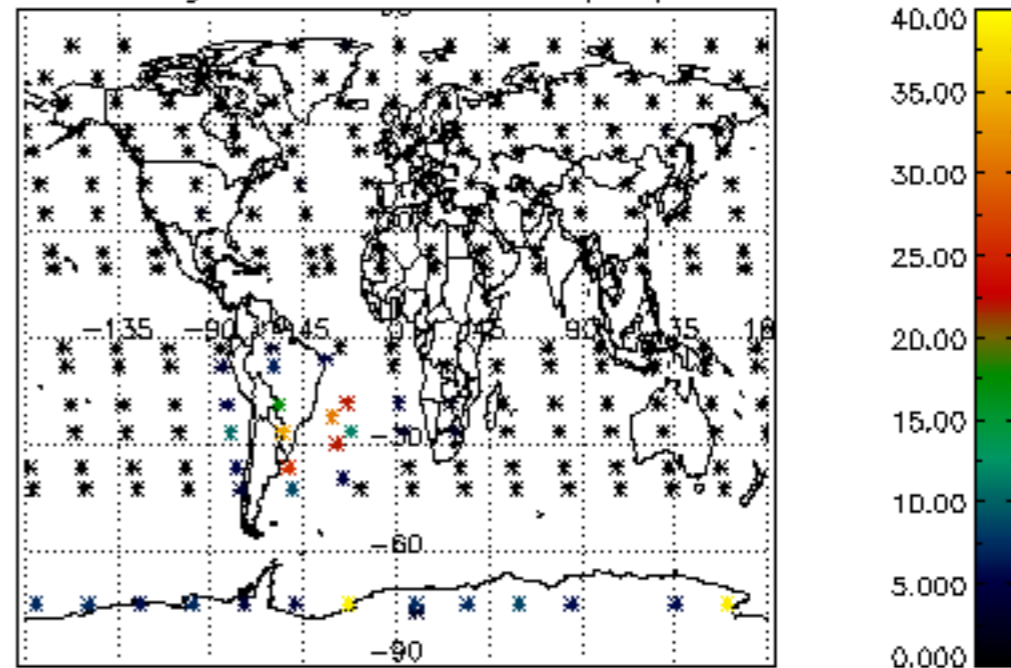
Percentage of datation errors per profile



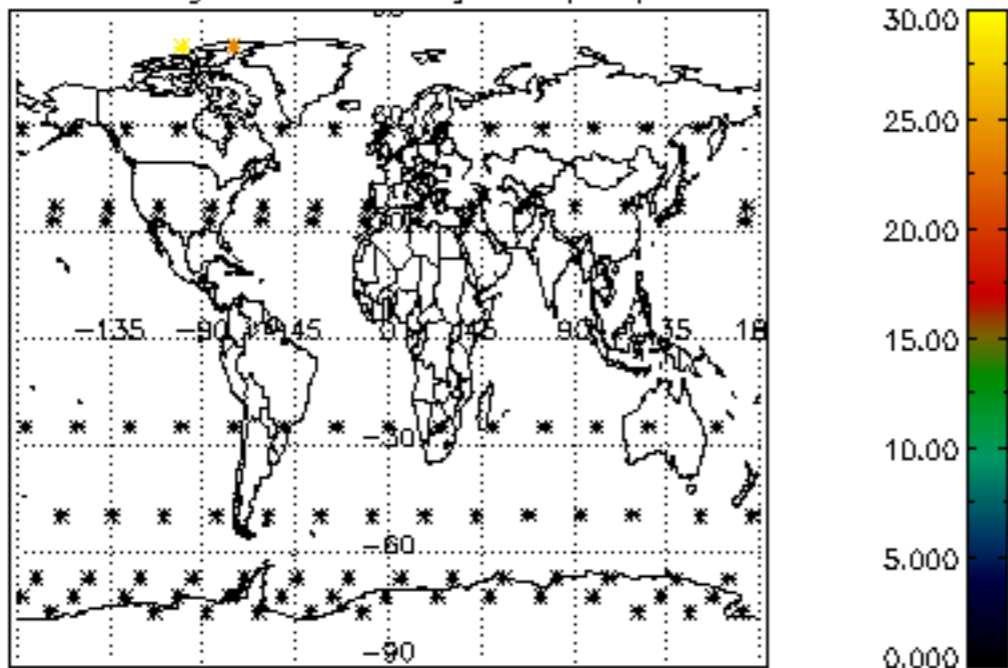
Percentage of star falling outside central band per profile



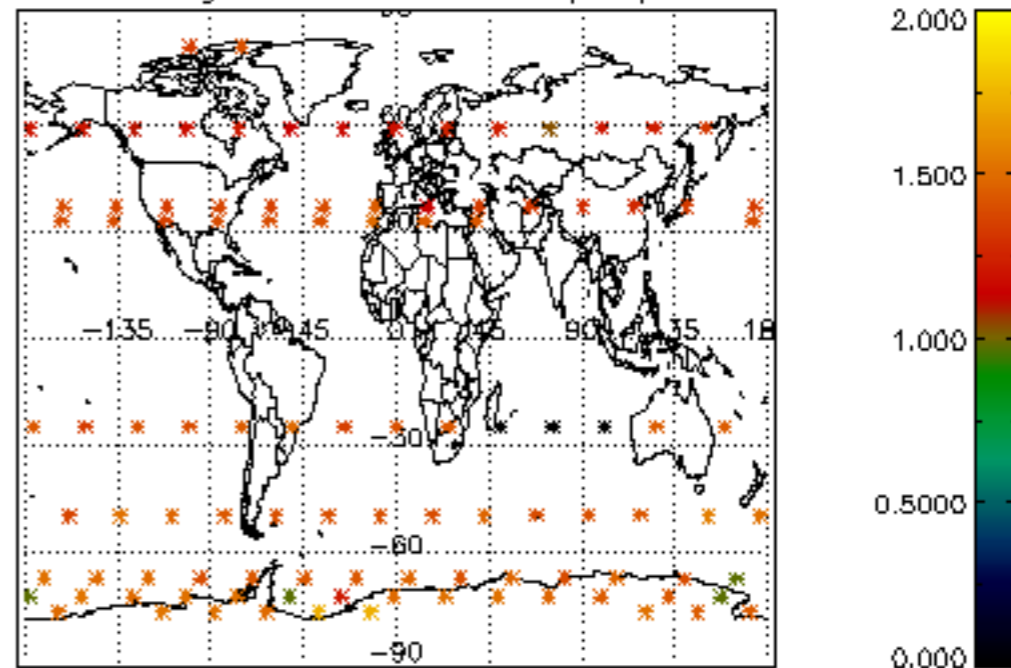
Percentage of saturation errors per profile



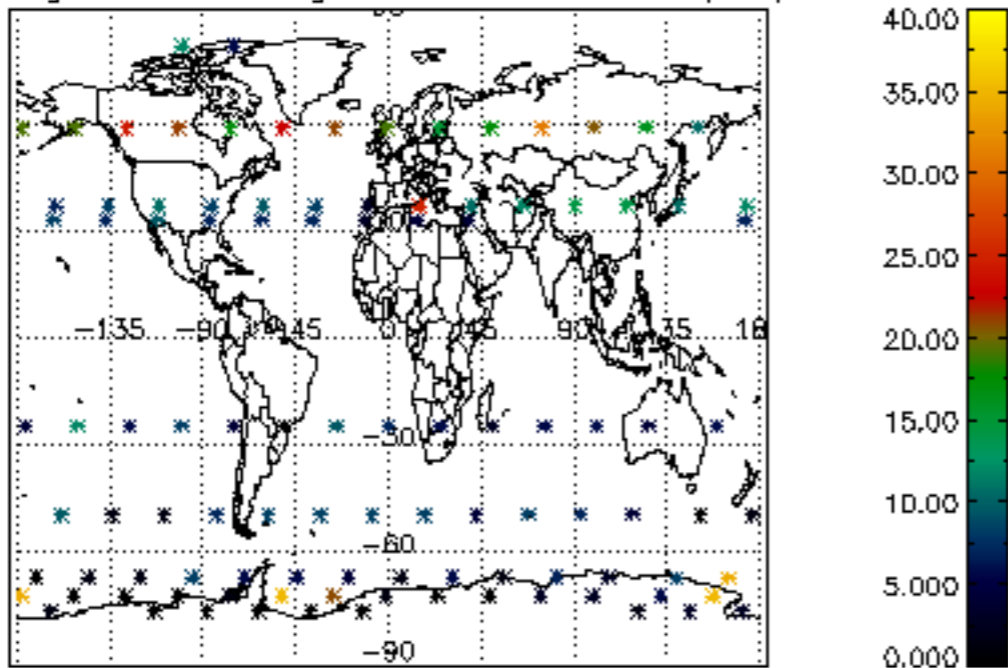
Percentage of cosmic ray hits per profile



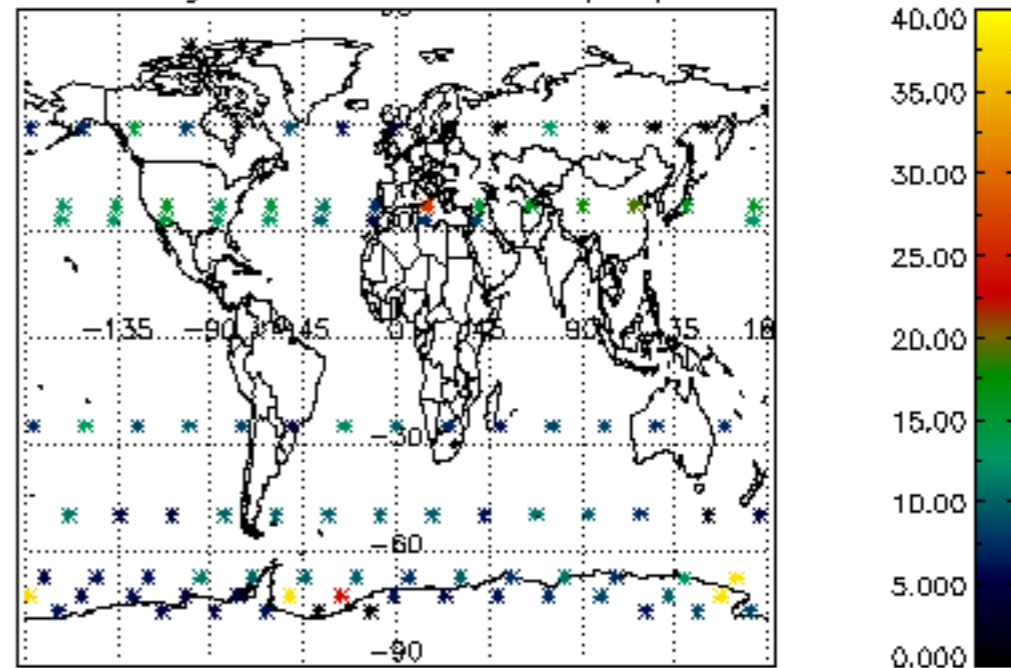
Percentage of datation errors per profile



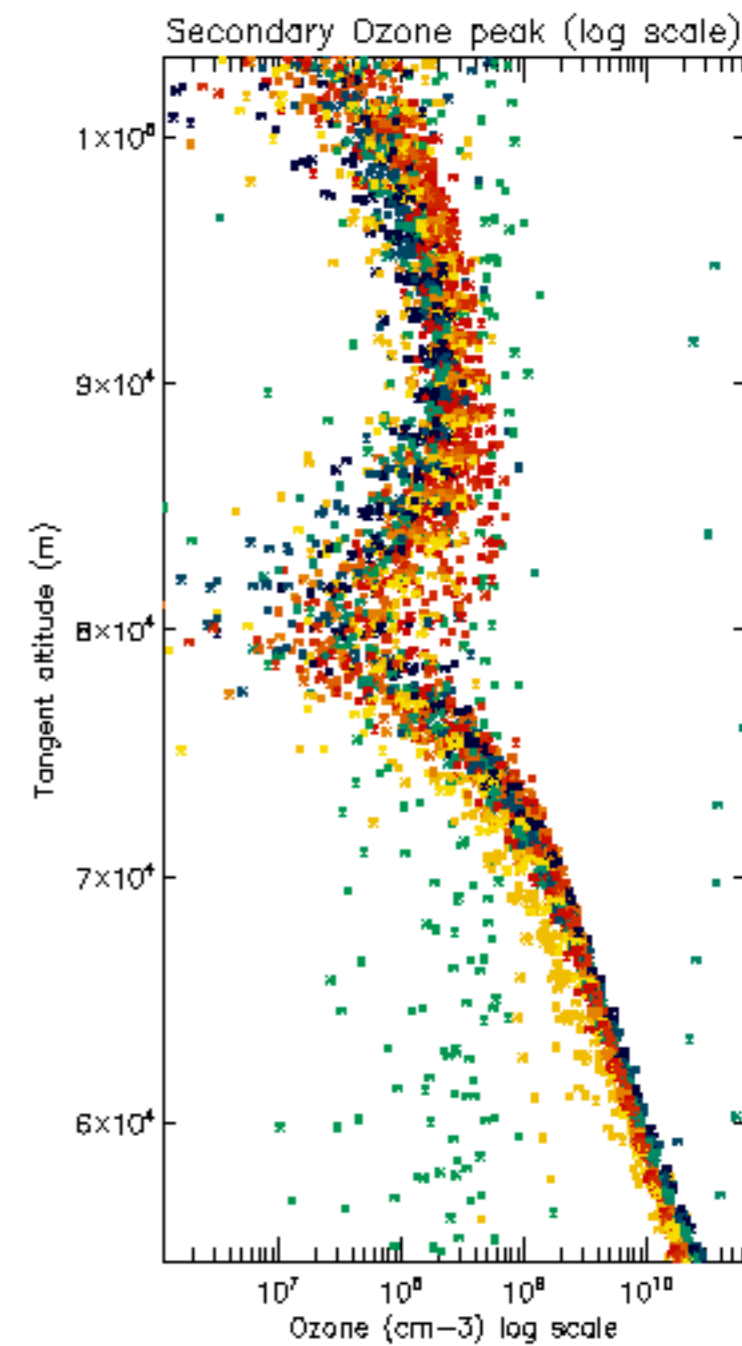
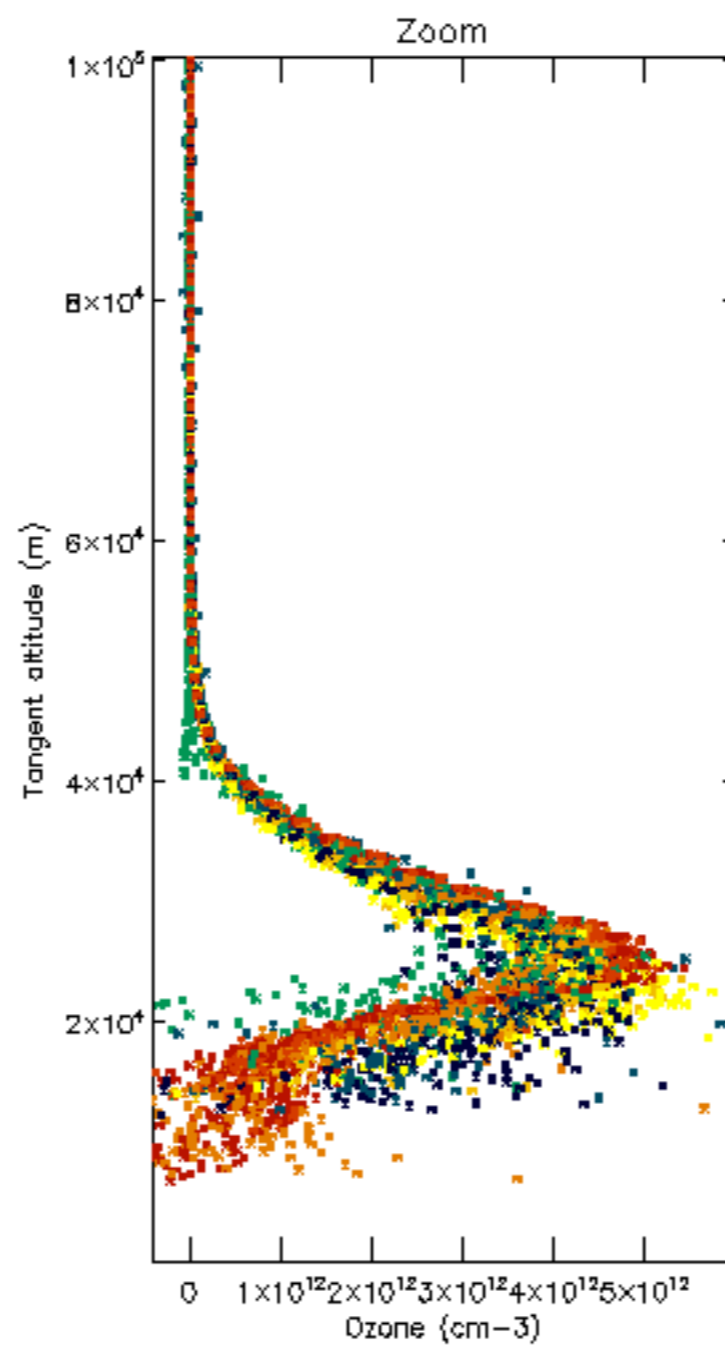
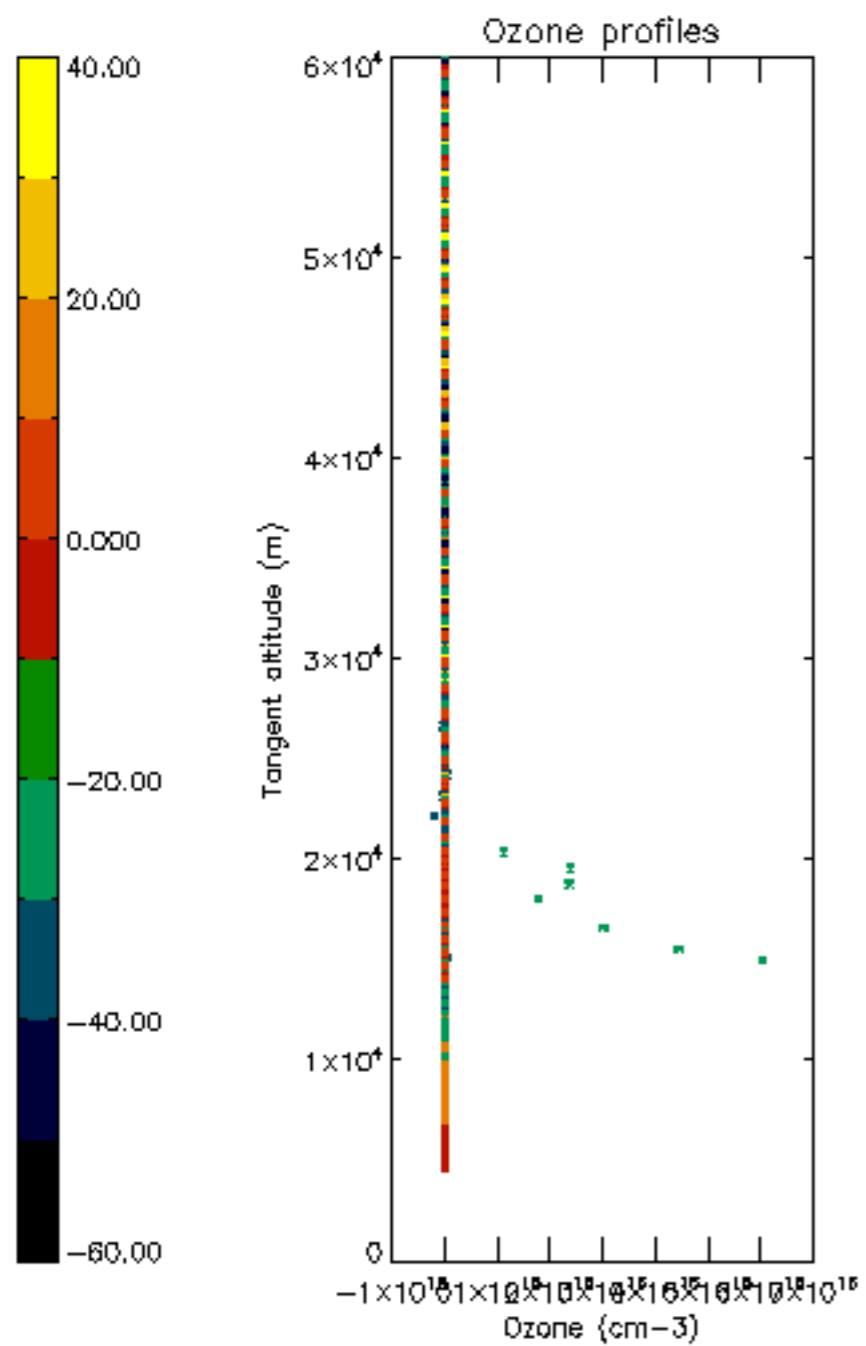
Percentage of star falling outside central band per profile

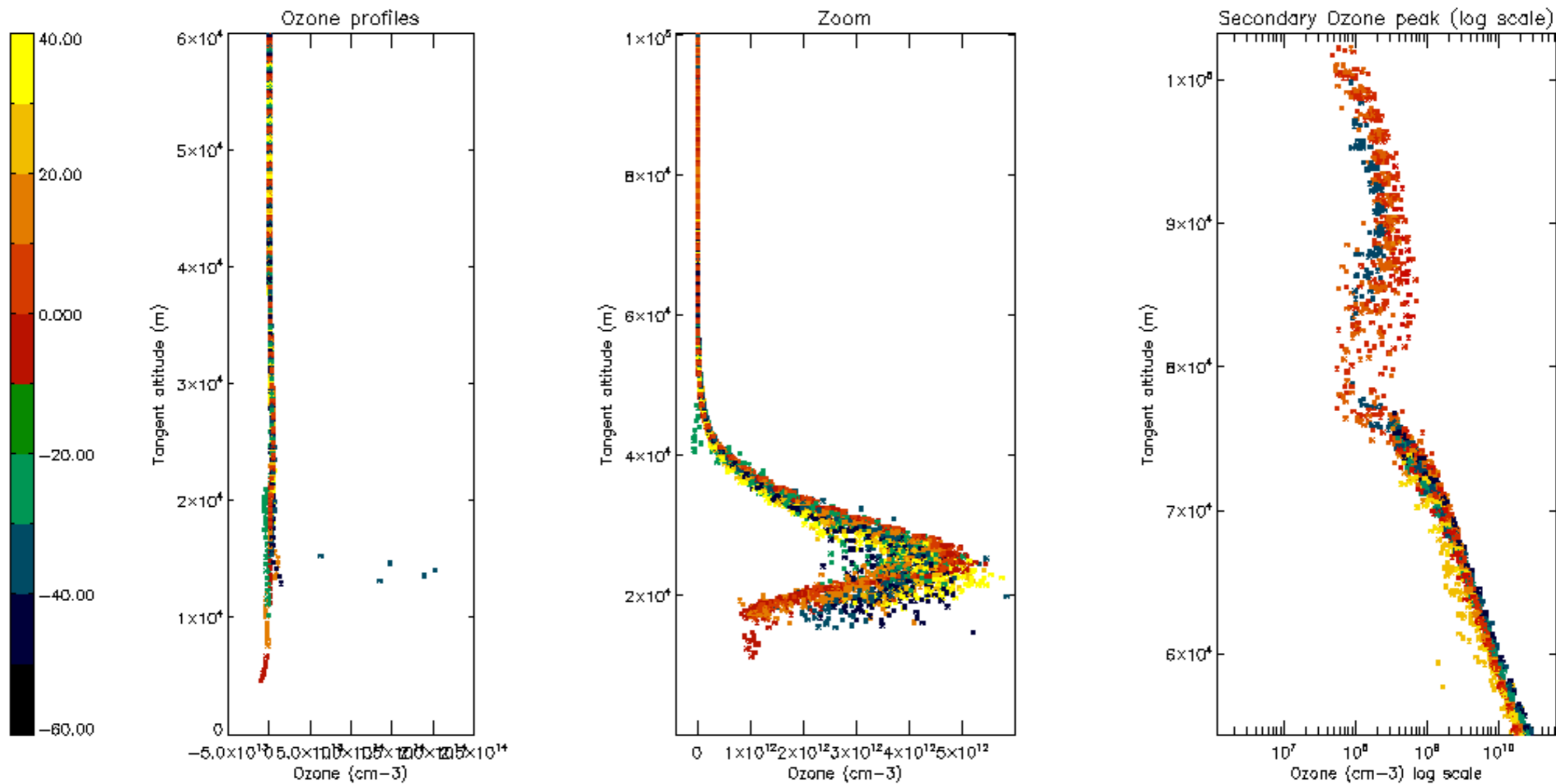


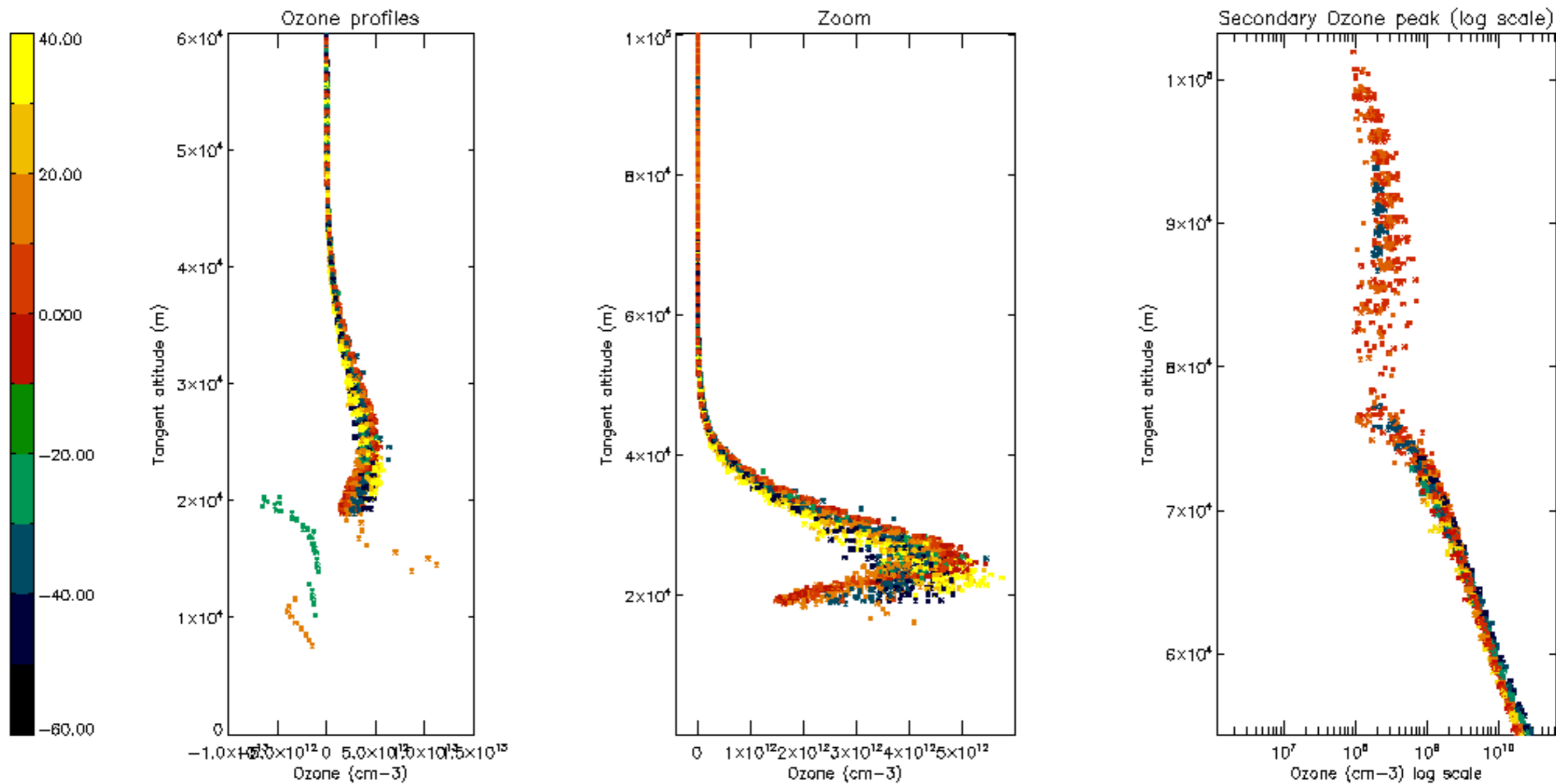
Percentage of saturation errors per profile

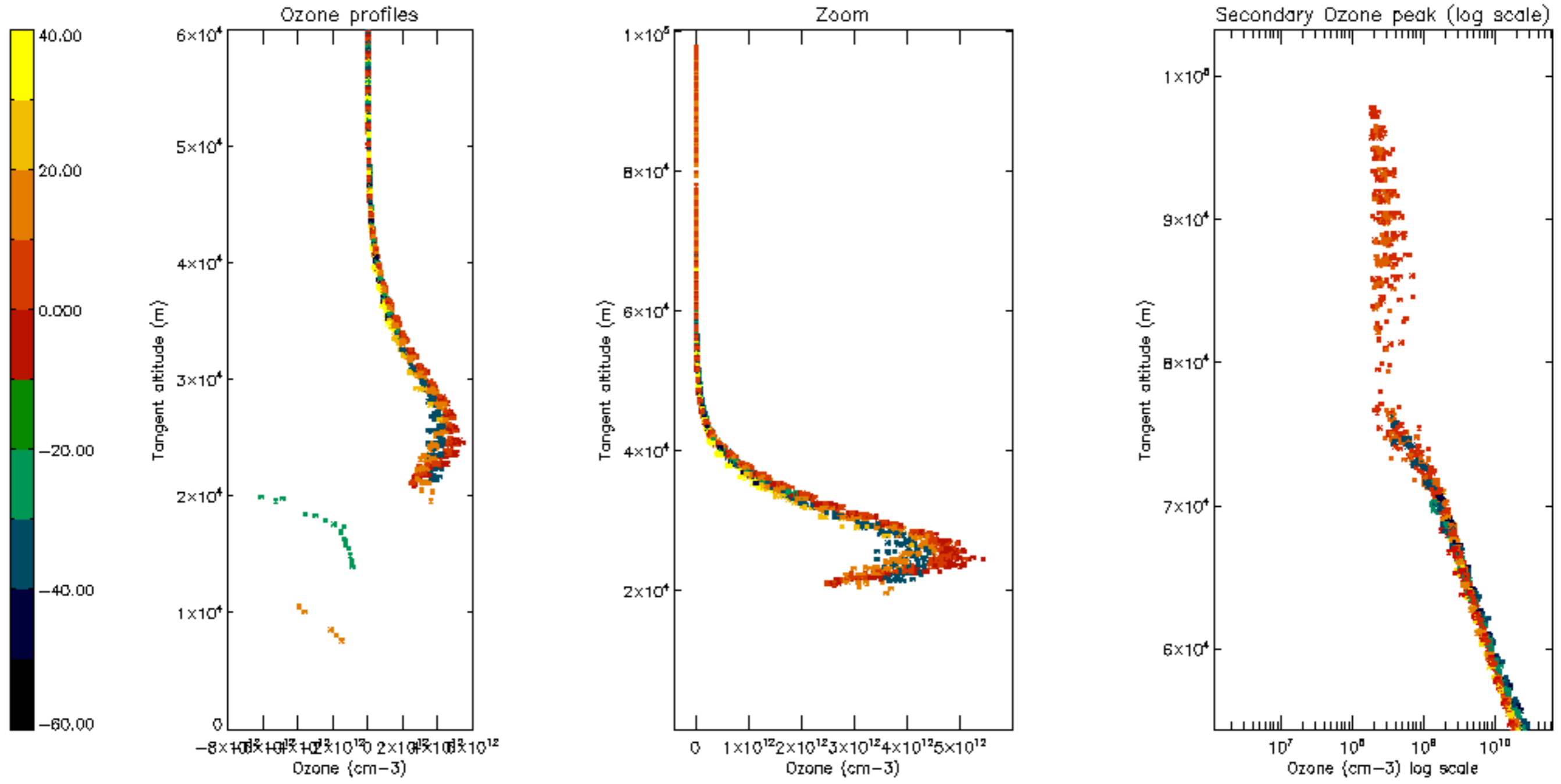




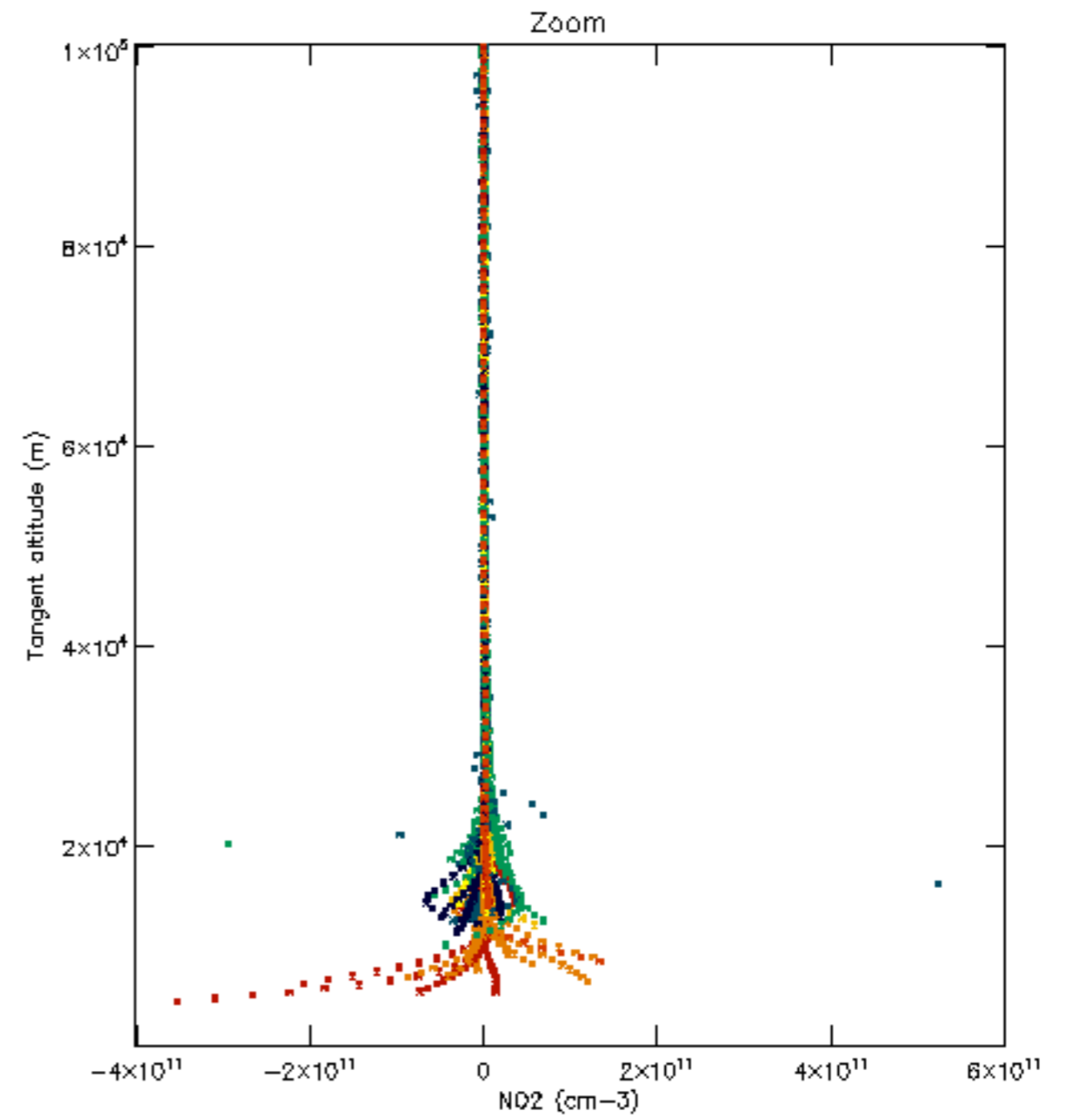
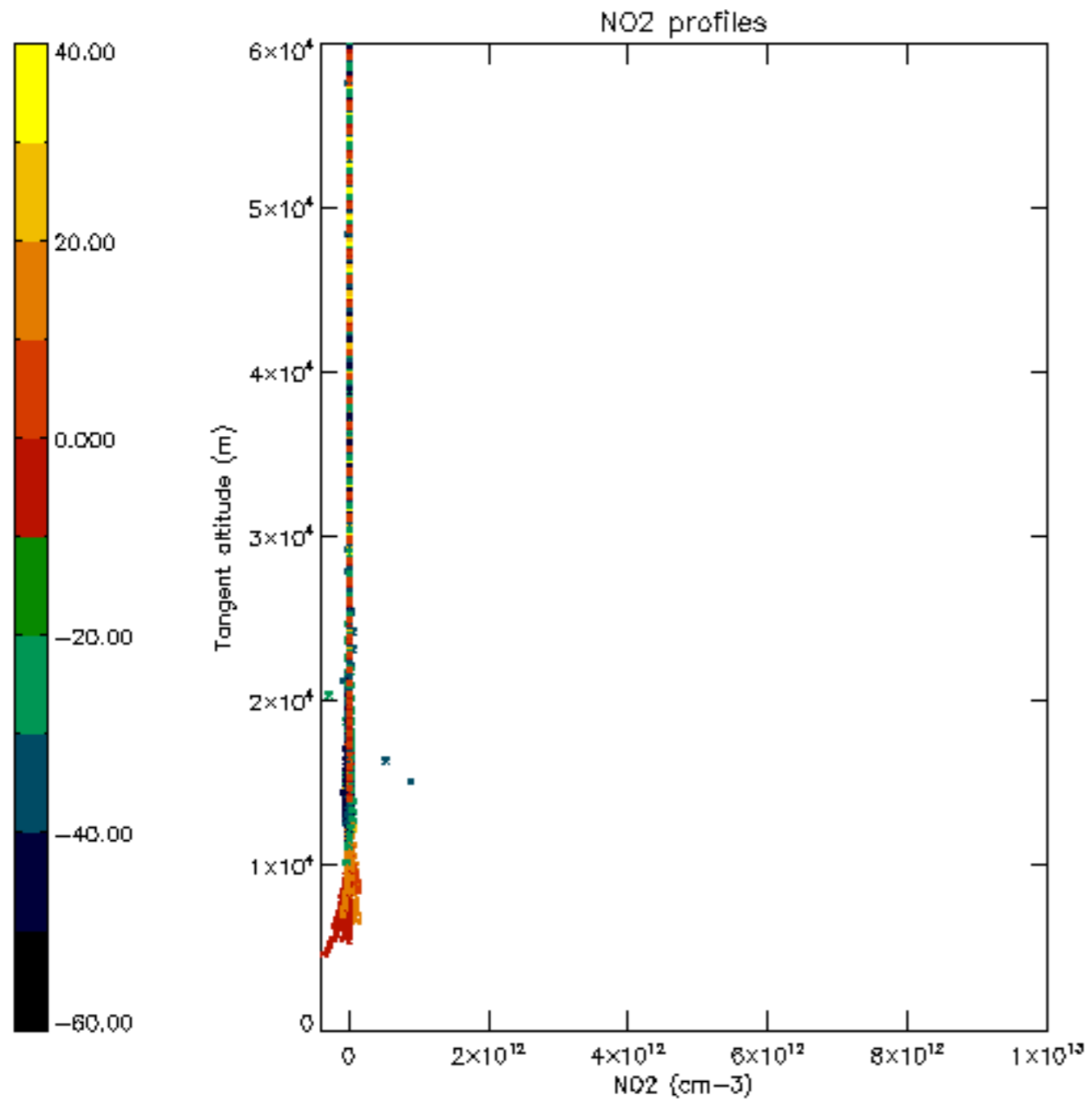


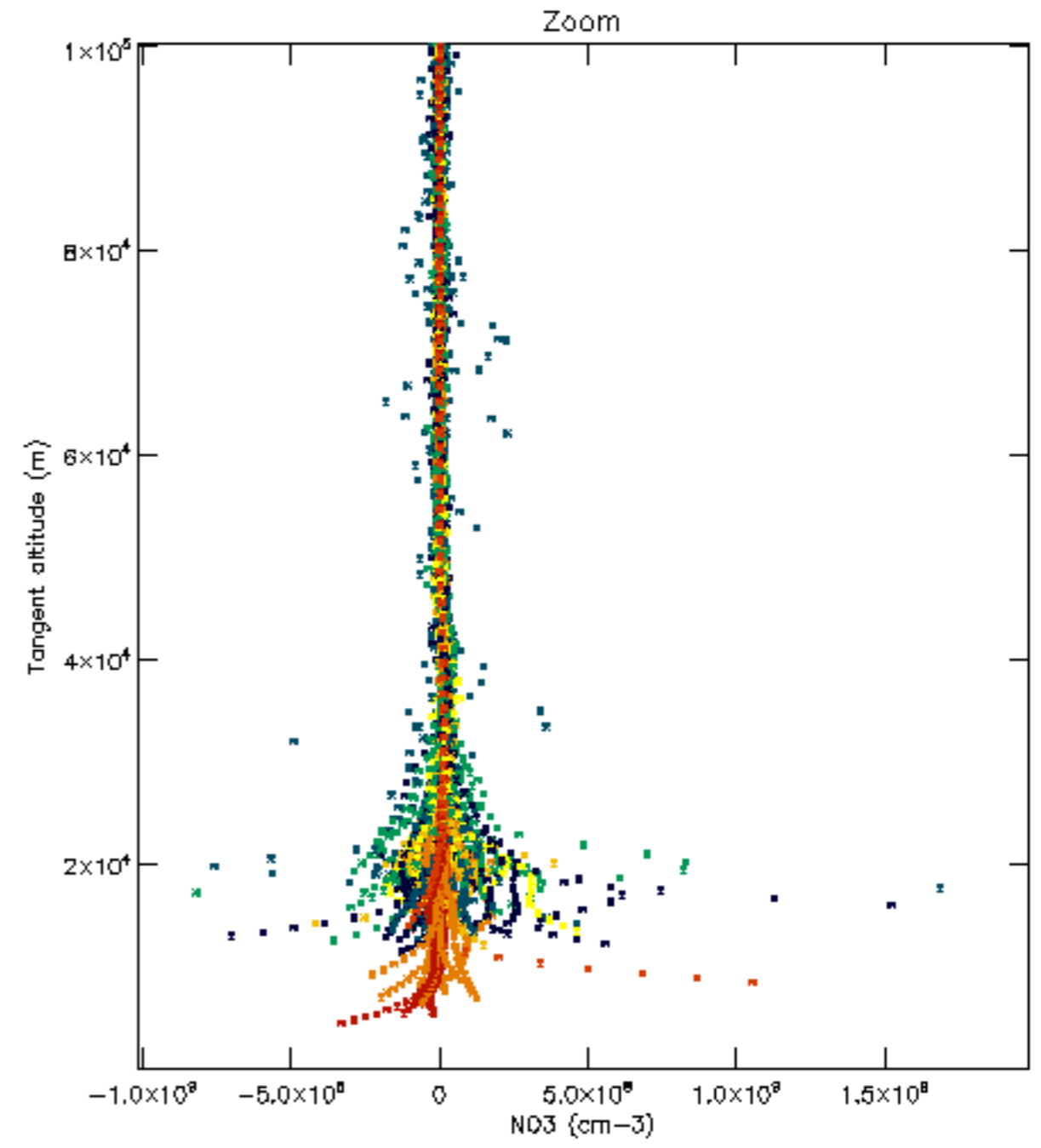
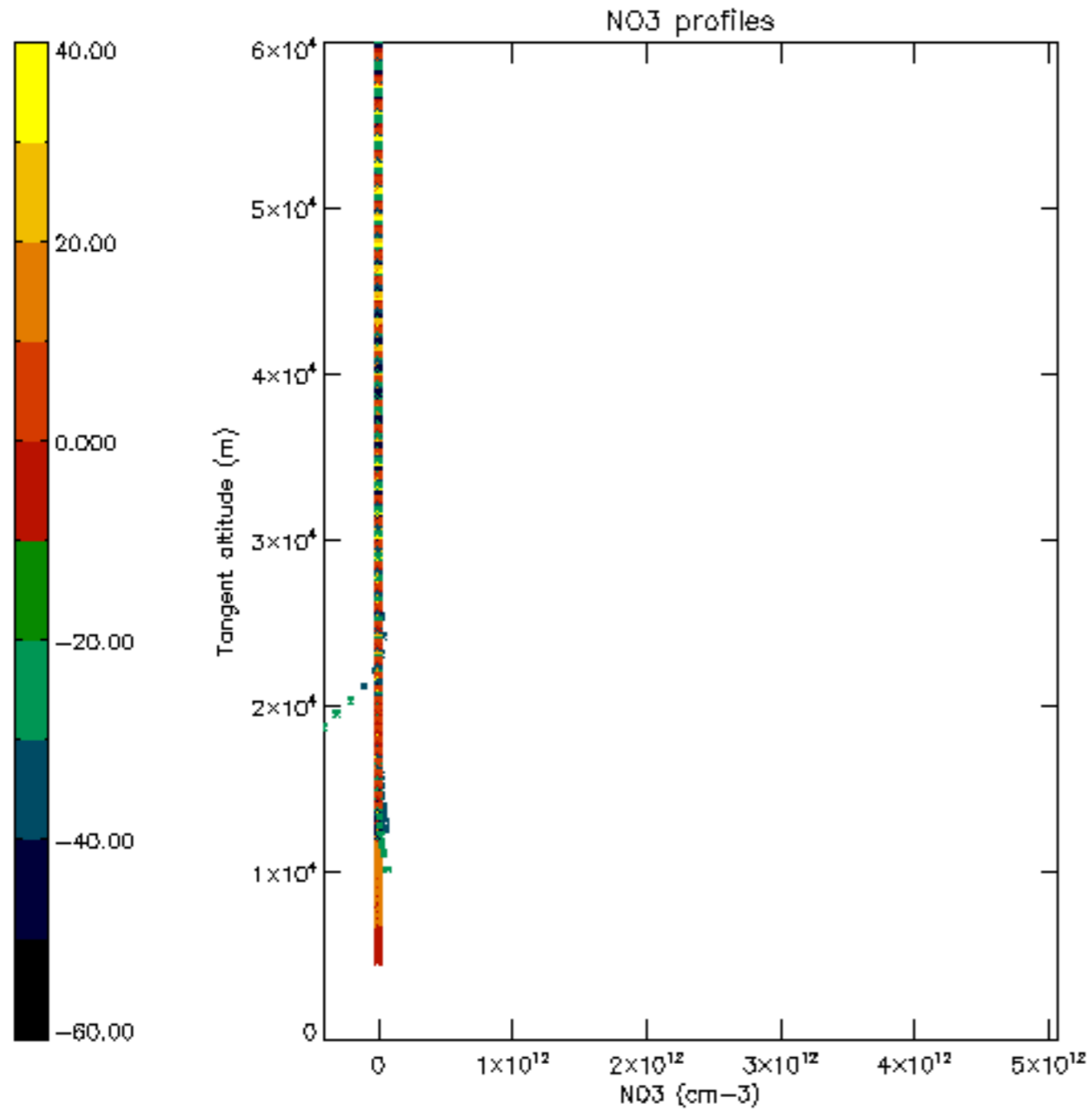


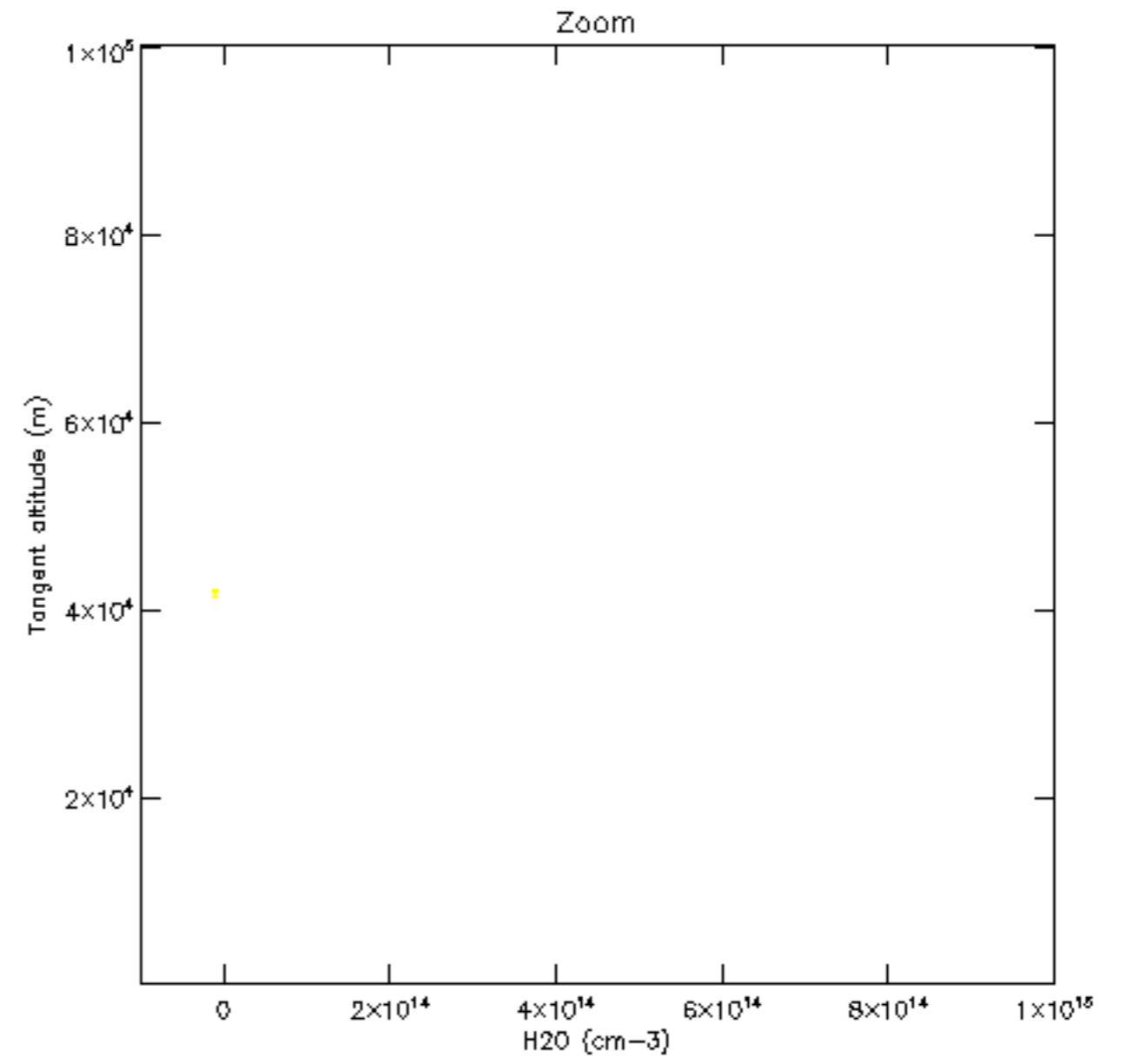
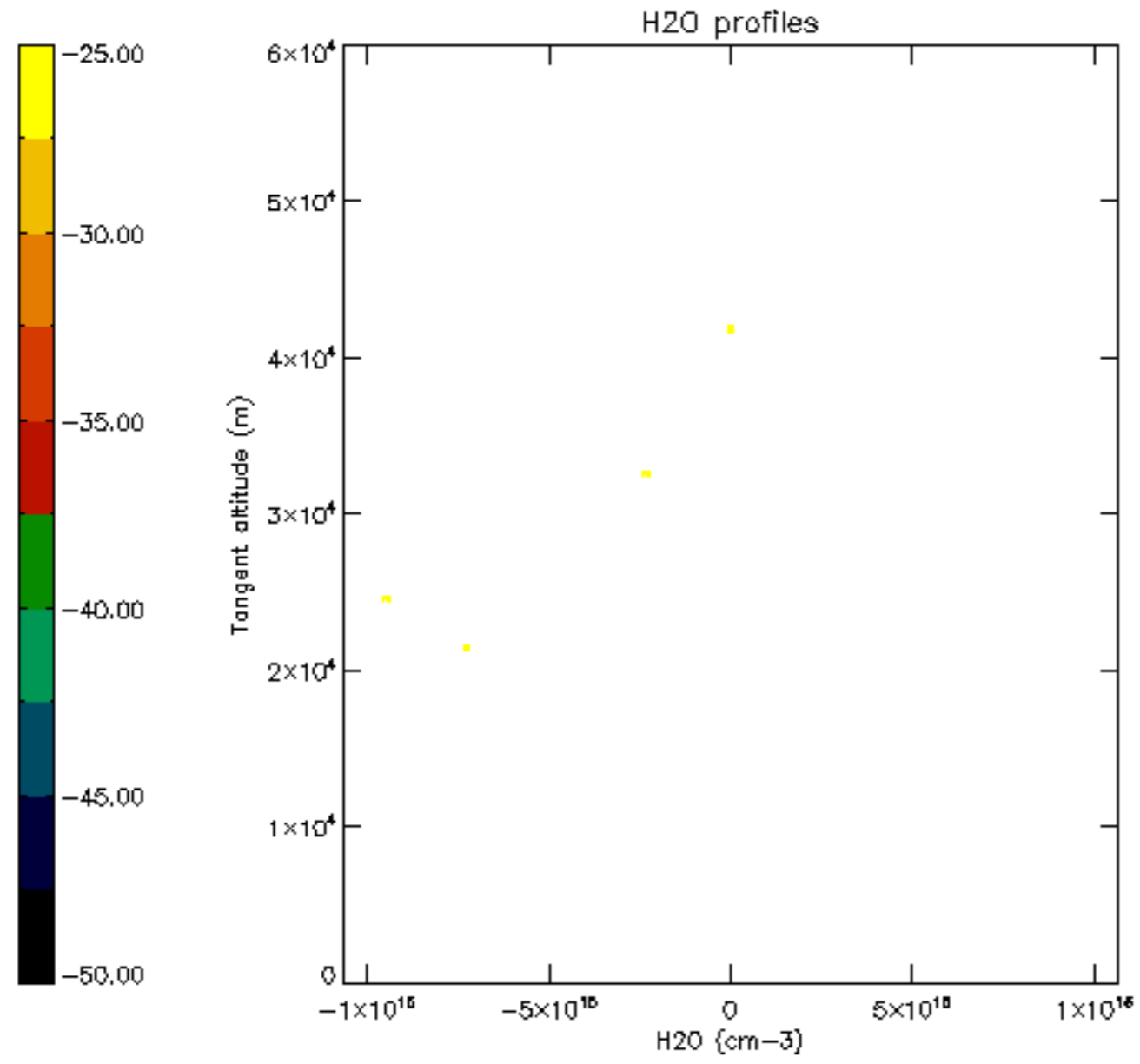


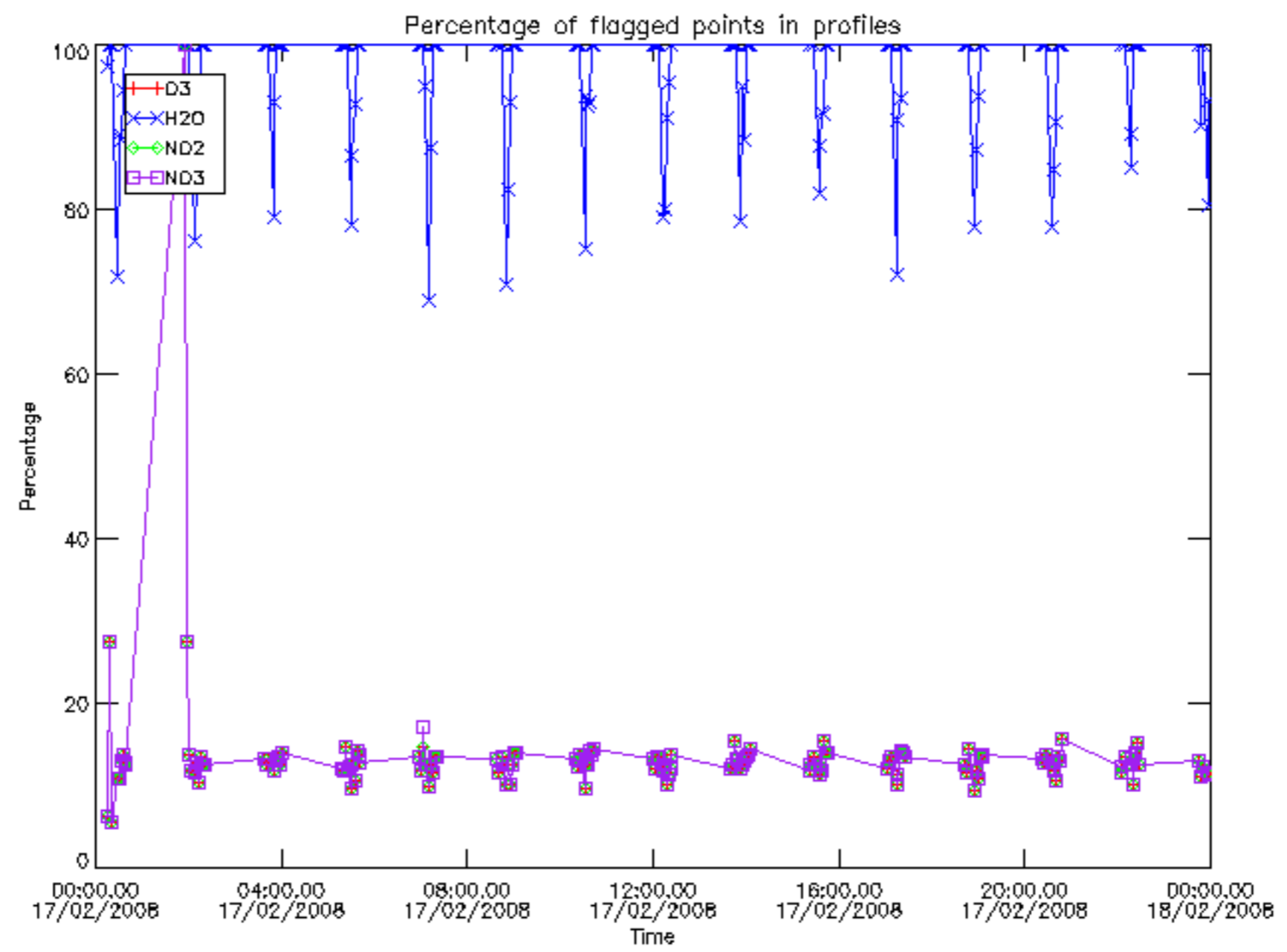






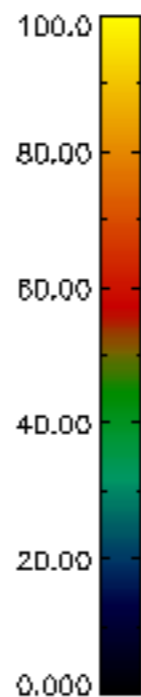
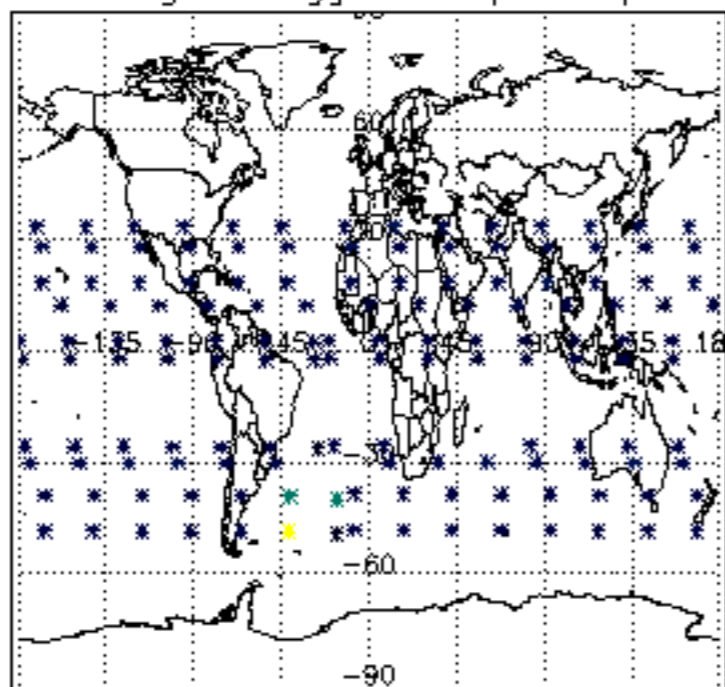




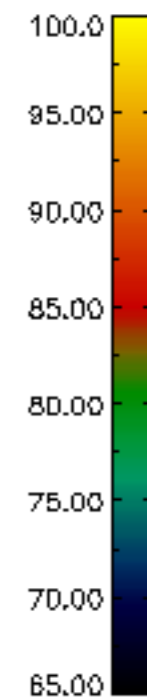
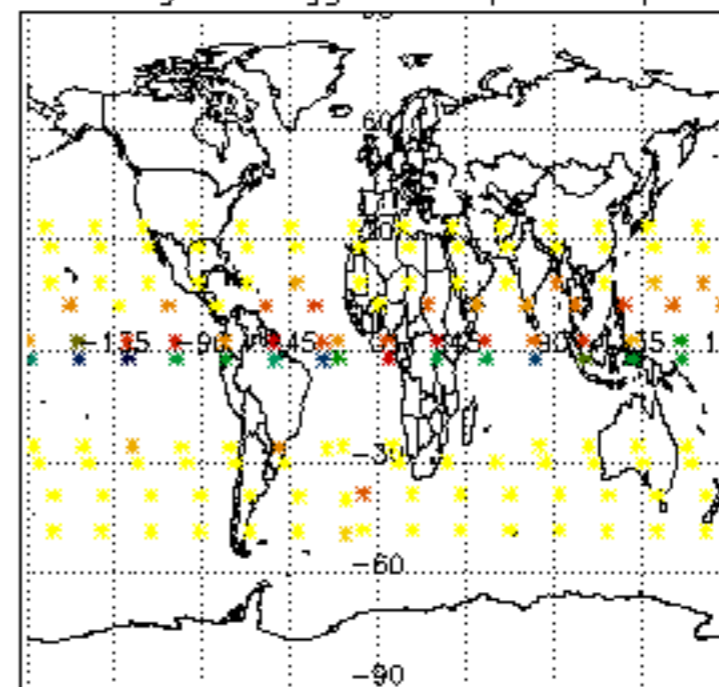




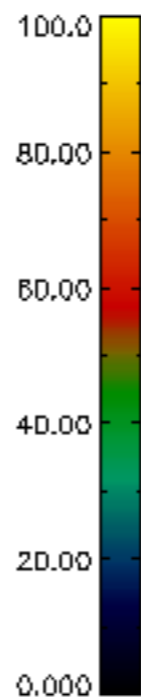
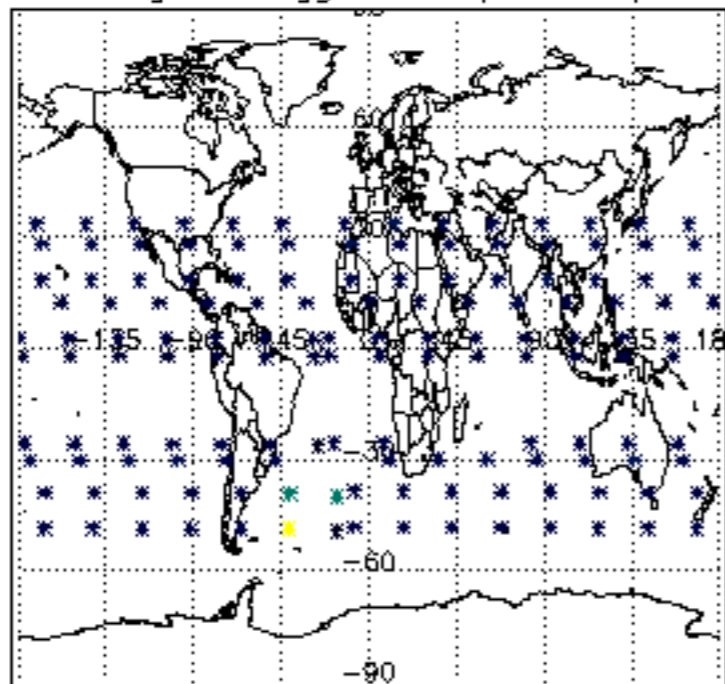
Percentage of flagged data per D3 profile



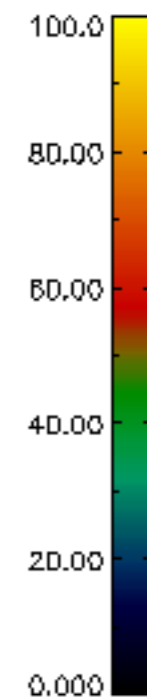
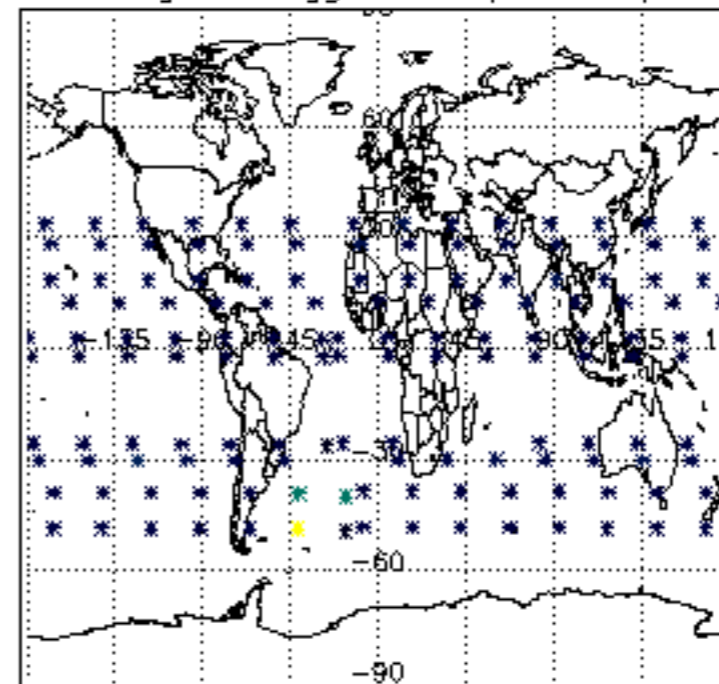
Percentage of flagged data per H2O profile

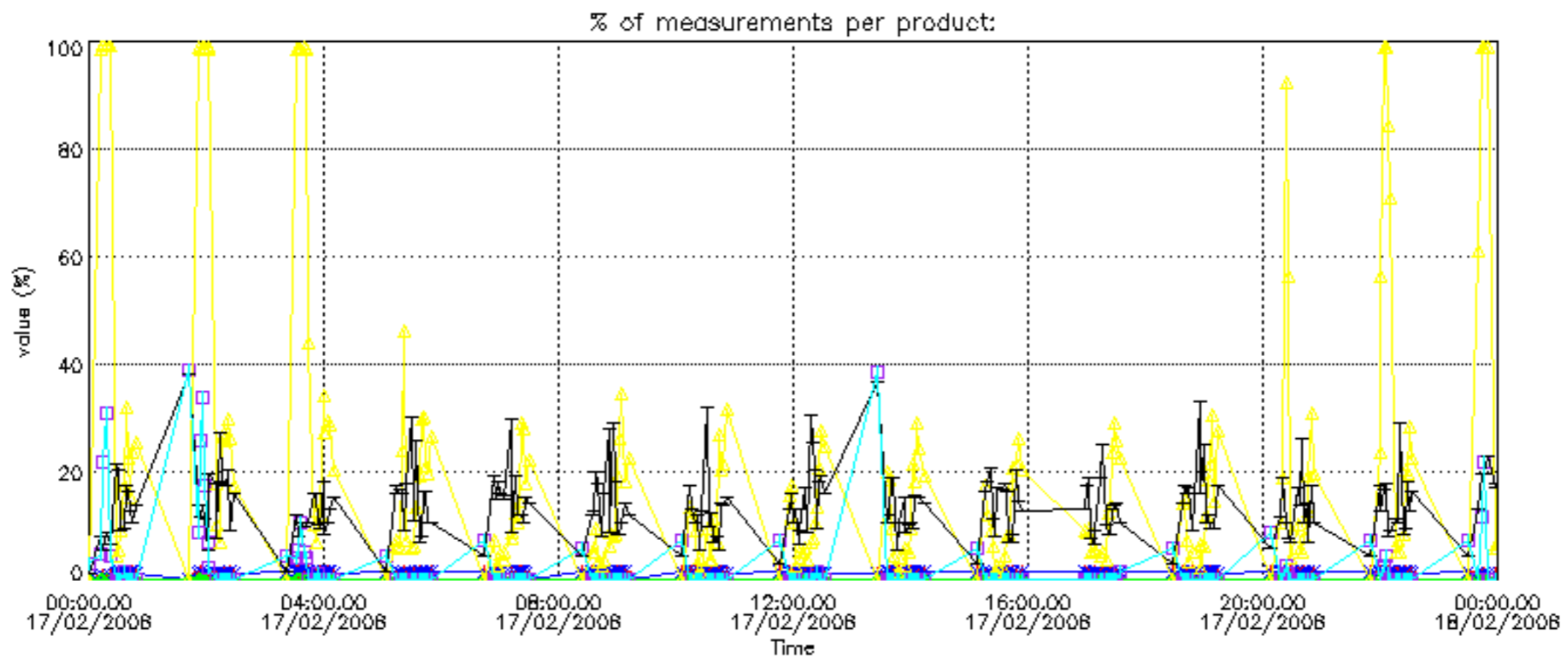


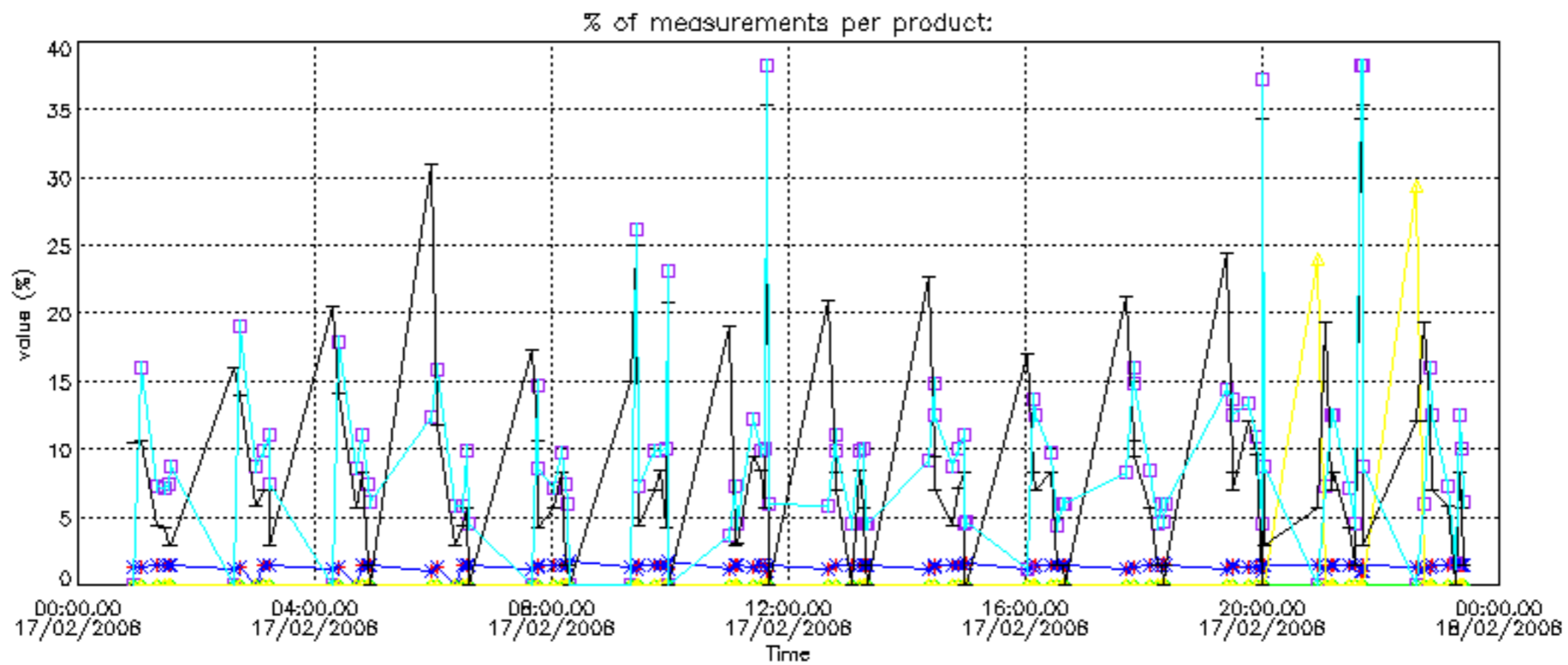
Percentage of flagged data per NO2 profile



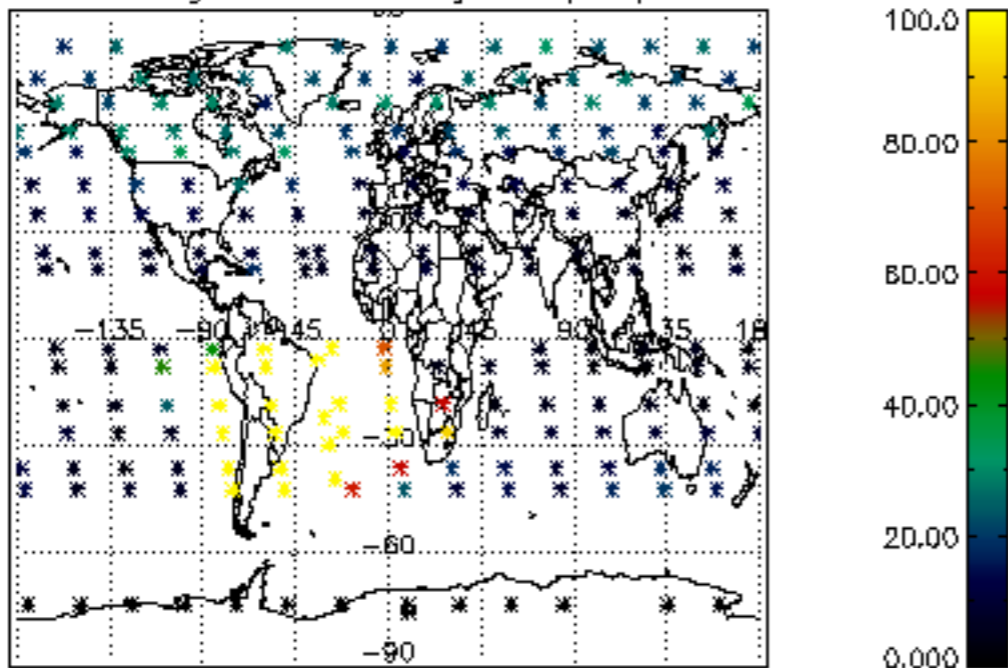
Percentage of flagged data per NO3 profile



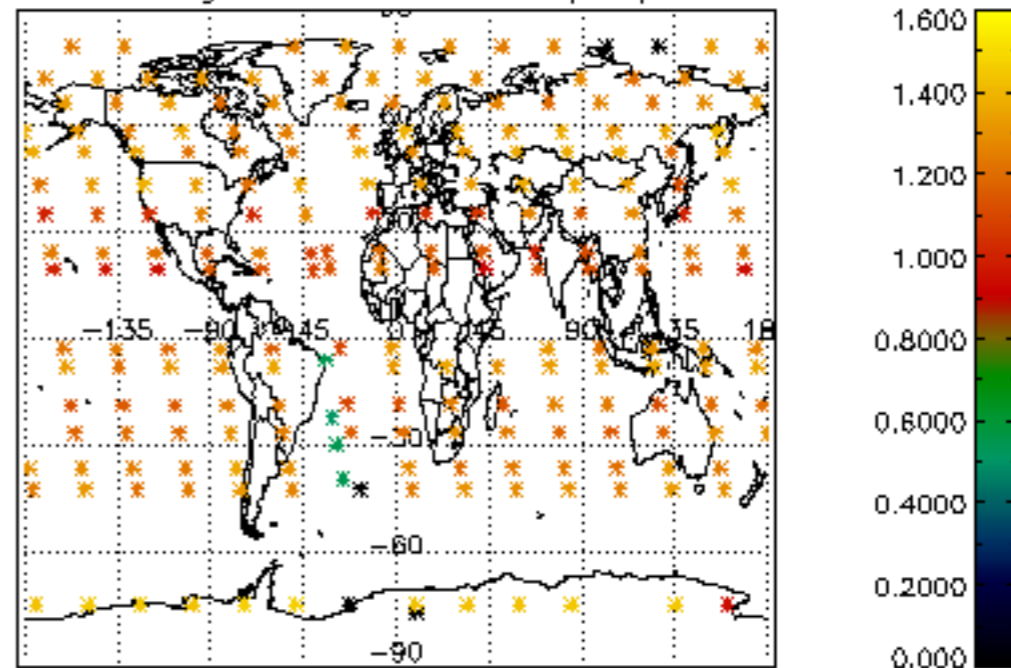




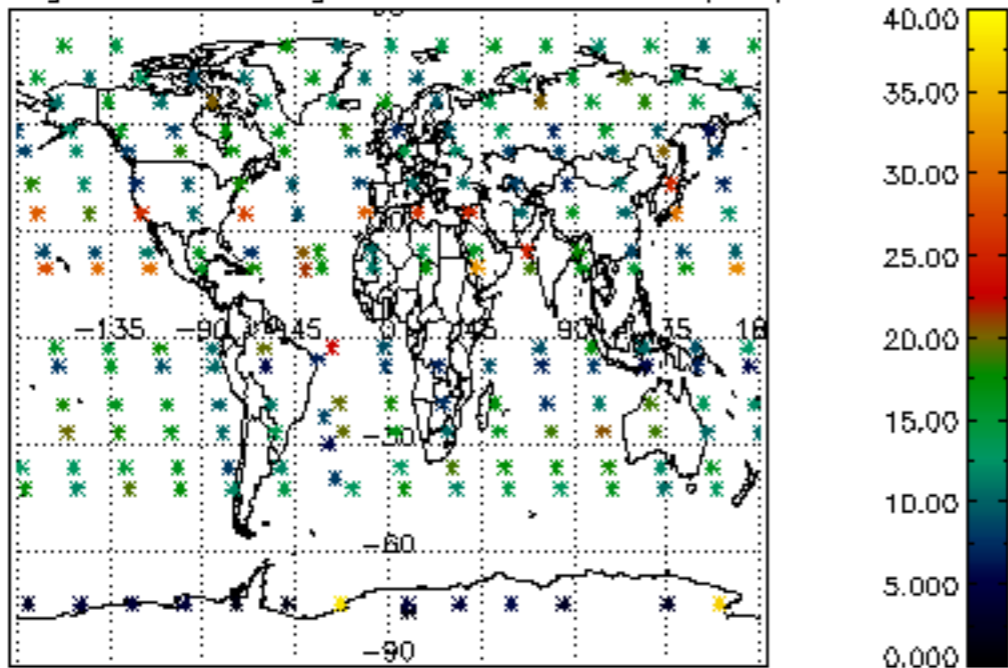
Percentage of cosmic ray hits per profile



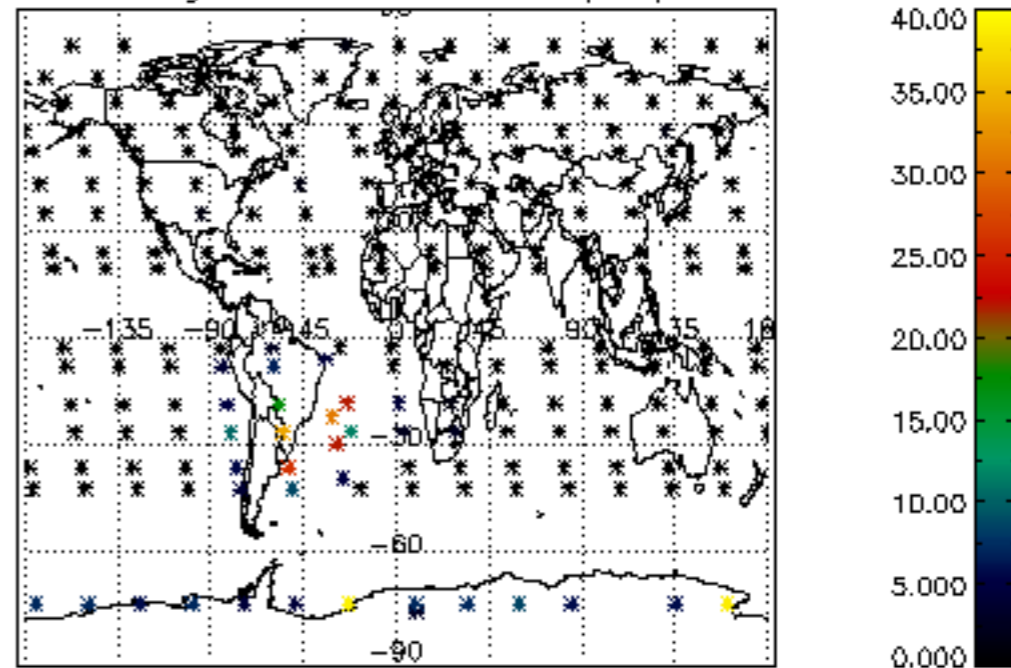
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

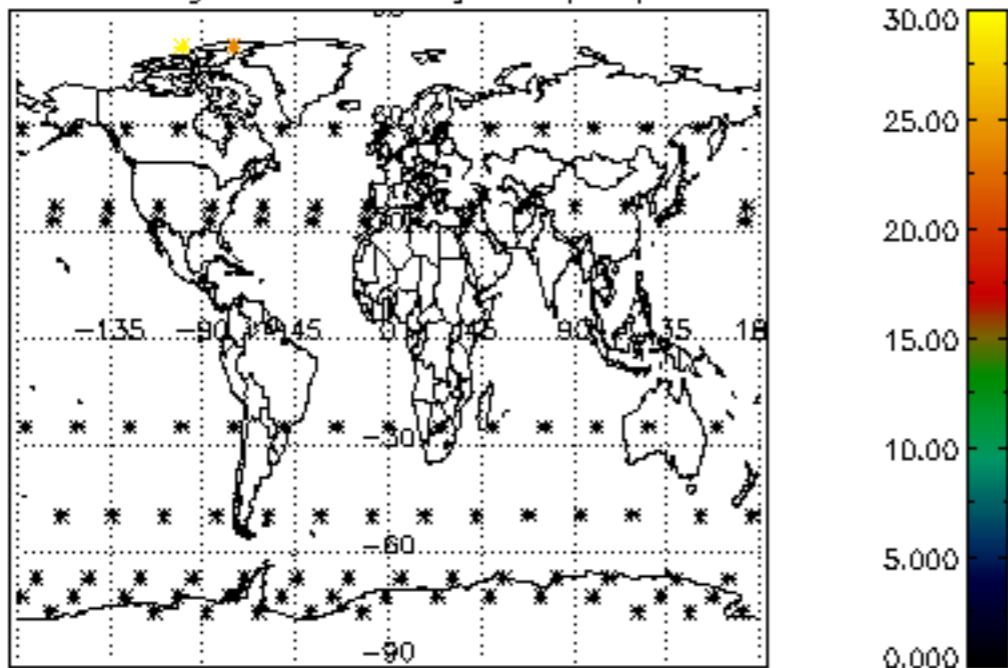


Percentage of saturation errors per profile

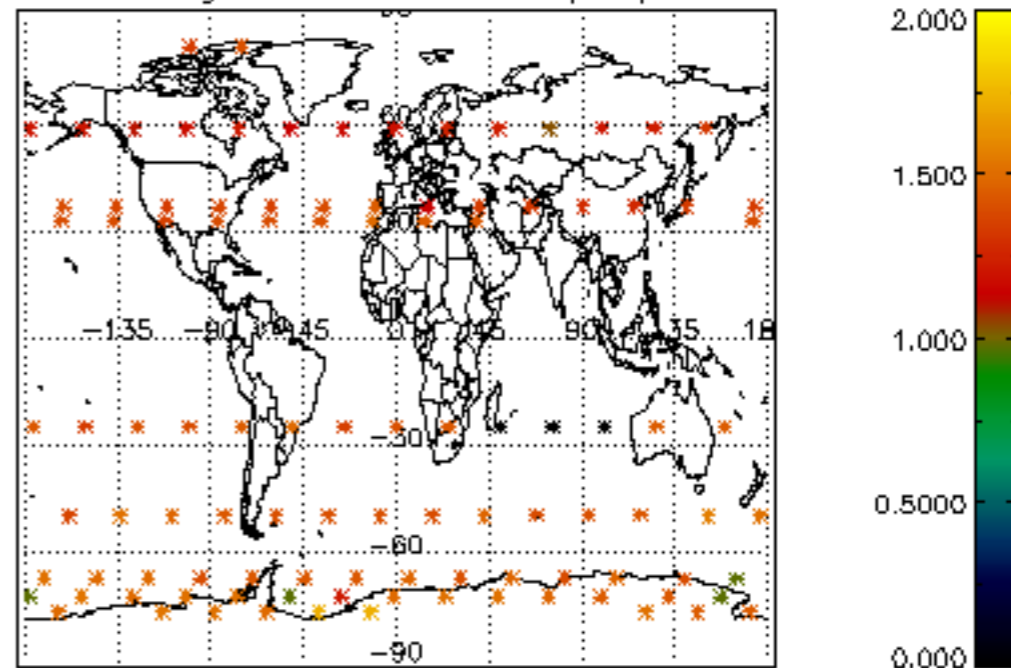




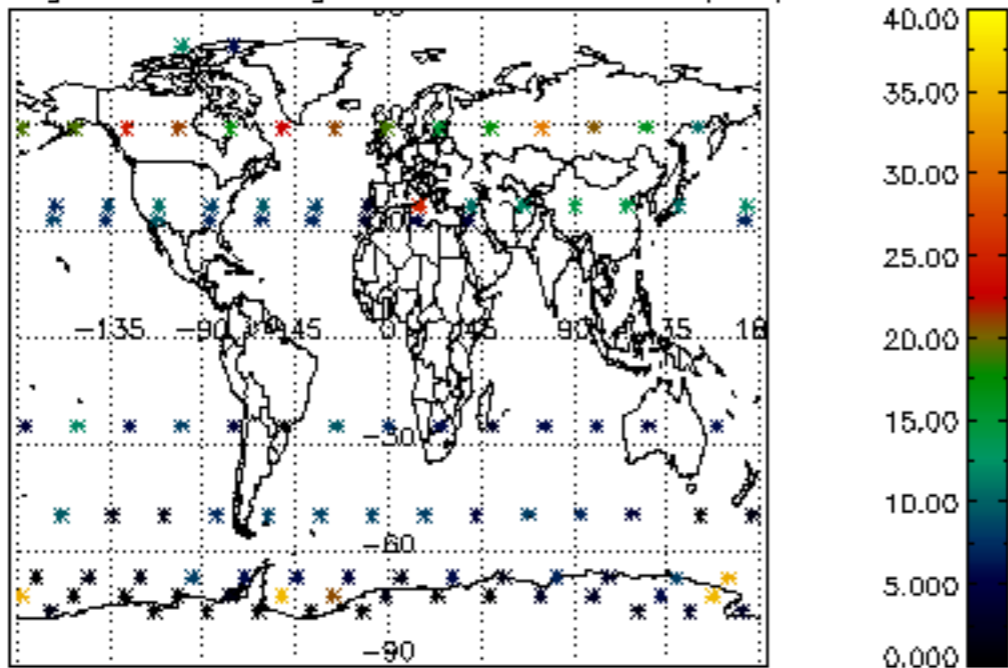
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

