

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	19APR2013 05:59:34
Data source version	GOMOS/6.01
Start time of products	09-07-2004 (09JUL2004 00:00:00)
Stop time of products	10-07-2004 (10JUL2004 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	424
Nb of prods with errors	1

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__2PRFIN20040709_000309_000000402028_00245_12323_2541.N1	09-JUL-2004 00:03:09	Bright	39.500	49	1Alp UMi	1.9900	6300.0	79	12323	No
2	GOM_NL__2PRFIN20040709_000746_000000512028_00245_12323_2542.N1	09-JUL-2004 00:07:46	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	12323	No
3	GOM_NL__2PRFIN20040709_000945_000000462028_00245_12323_2543.N1	09-JUL-2004 00:09:45	Bright	45.500	110	37Del Cas	2.6780	8900.0	91	12323	No
4	GOM_NL__2PRFIN20040709_001320_000000422028_00245_12323_2544.N1	09-JUL-2004 00:13:20	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	12323	No
5	GOM_NL__2PRFIN20040709_001515_000000402028_00245_12323_2545.N1	09-JUL-2004 00:15:15	Bright	39.500	175	39Del Per	3.0100	19400.	79	12323	No
6	GOM_NL__2PRFIN20040709_001644_000000582028_00245_12323_2546.N1	09-JUL-2004 00:16:44	Bright	57.500	73	57Gam1And	2.2600	13100.	115	12323	No
7	GOM_NL__2PRFIN20040709_002004_000000432028_00245_12323_2547.N1	09-JUL-2004 00:20:04	Bright	43.000	150	44Zet Per	2.8900	28000.	86	12323	No
8	GOM_NL__2PRFIN20040709_002229_000000452028_00245_12323_2548.N1	09-JUL-2004 00:22:29	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	12323	No
9	GOM_NL__2PRFIN20040709_002434_000000712028_00245_12323_2549.N1	09-JUL-2004 00:24:34	Dark	70.500	50	13Alp Ari	2.0070	4250.0	141	12323	No
10	GOM_NL__2PRFIN20040709_003028_000000402028_00245_12323_2550.N1	09-JUL-2004 00:30:28	Dark	39.500	7	19Bet Ori	0.10000	14000.	79	12323	No
11	GOM_NL__2PRFIN20040709_003307_000000422028_00245_12323_2551.N1	09-JUL-2004 00:33:07	Dark	42.000	165	34Gam Eri	2.9500	3200.0	84	12323	No
12	GOM_NL__2PRFIN20040709_004802_000000442028_00246_12324_2521.N1	09-JUL-2004 00:48:02	Dark	43.500	9	Alp Eri	0.45300	24000.	87	12324	No
13	GOM_NL__2PRFIN20040709_005206_000000412028_00246_12324_2522.N1	09-JUL-2004 00:52:06	Dark	41.000	135	Bet Hyi	2.8200	5800.0	82	12324	No
14	GOM_NL__2PRFIN20040709_005621_000000672028_00246_12324_2523.N1	09-JUL-2004 00:56:21	Straylight	66.500	63	Bet Gru	2.1500	2800.0	133	12324	No
15	GOM_NL__2PRFIN20040709_005808_000000532028_00246_12324_2524.N1	09-JUL-2004 00:58:08	Straylight	53.000	31	Alp Gru	1.7340	15200.	106	12324	No
16	GOM_NL__2PRFIN20040709_005943_000000432028_00246_12324_2525.N1	09-JUL-2004 00:59:43	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	12324	No
17	GOM_NL__2PRFIN20040709_010256_000000452028_00246_12324_2526.N1	09-JUL-2004 01:02:56	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	12324	No
18	GOM_NL__2PRFIN20040709_010426_000000422028_00246_12324_2527.N1	09-JUL-2004 01:04:26	Twi_and_stray	41.500	147	Alp Ara	2.8770	26000.	83	12324	No
19	GOM_NL__2PRFIN20040709_010616_000000442028_00246_12324_2528.N1	09-JUL-2004 01:06:16	Twi_and_stray	43.500	40	The Sco	1.8590	7100.0	87	12324	No
20	GOM_NL__2PRFIN20040709_010756_000000432028_00246_12324_2529.N1	09-JUL-2004 01:07:56	Twi_and_stray	42.500	25	35Lam Sco	1.6200	28000.	85	12324	No
21	GOM_NL__2PRFIN20040709_010924_000000462028_00246_12324_2530.N1	09-JUL-2004 01:09:24	Bright	46.000	116	19Del Sgr	2.7000	4100.0	92	12324	No
22	GOM_NL__2PRFIN20040709_011208_000001082028_00246_12324_2531.N1	09-JUL-2004 01:12:08	Bright	107.50	142	49Del Cap	2.8500	8900.0	215	12324	No
23	GOM_NL__2PRFIN20040709_011556_000000402028_00246_12324_2532.N1	09-JUL-2004 01:15:56	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	12324	No
24	GOM_NL__2PRFIN20040709_011927_000000392028_00246_12324_2533.N1	09-JUL-2004 01:19:27	Bright	38.500	126	60Bet Oph	2.7700	4250.0	77	12324	No
25	GOM_NL__2PRFIN20040709_012145_000000392028_00246_12324_2534.N1	09-JUL-2004 01:21:45	Bright	39.000	59	55Alp Oph	2.0800	8900.0	78	12324	No
26	GOM_NL__2PRFIN20040709_012451_000000392028_00246_12324_2535.N1	09-JUL-2004 01:24:51	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	12324	No
27	GOM_NL__2PRFIN20040709_012726_000000412028_00246_12324_2536.N1	09-JUL-2004 01:27:26	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	12324	No
28	GOM_NL__2PRFIN20040709_012948_000000422028_00246_12324_2537.N1	09-JUL-2004 01:29:48	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	12324	No
29	GOM_NL__2PRFIN20040709_013254_000000382028_00246_12324_2538.N1	09-JUL-2004 01:32:54	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	12324	No
30	GOM_NL__2PRFIN20040709_013542_000000412028_00246_12324_2539.N1	09-JUL-2004 01:35:42	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	12324	No
31	GOM_NL__2PRFIN20040709_013953_000000412028_00246_12324_2540.N1	09-JUL-2004 01:39:53	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	12324	No
32	GOM_NL__2PRFIN20040709_014345_000000402028_00246_12324_2541.N1	09-JUL-2004 01:43:45	Bright	39.500	49	1Alp UMi	1.9900	6300.0	79	12324	No
33	GOM_NL__2PRFIN20040709_014821_000000512028_00246_12324_2542.N1	09-JUL-2004 01:48:21	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	12324	No
34	GOM_NL__2PRFIN20040709_015021_000000432028_00246_12324_2543.N1	09-JUL-2004 01:50:21	Bright	43.000	110	37Del Cas	2.6780	8900.0	86	12324	No
35	GOM_NL__2PRFIN20040709_015356_000000422028_00246_12324_2544.N1	09-JUL-2004 01:53:56	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	12324	No
36	GOM_NL__2PRFIN20040709_015548_000000412028_00246_12324_2545.N1	09-JUL-2004 01:55:48	Bright	40.500	175	39Del Per	3.0100	19400.	81	12324	No
37	GOM_NL__2PRFIN20040709_015719_000000592028_00246_12324_2546.N1	09-JUL-2004 01:57:19	Bright	58.500	73	57Gam1And	2.2600	13100.	117	12324	No
38	GOM_NL__2PRFIN20040709_020039_000000432028_00246_12324_2547.N1	09-JUL-2004 02:00:39	Bright	43.000	150	44Zet Per	2.8900	28000.	86	12324	No
39	GOM_NL__2PRFIN20040709_020305_000000462028_00246_12324_2548.N1	09-JUL-2004 02:03:05	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	12324	No
40	GOM_NL__2PRFIN20040709_020510_000000652028_00246_12324_2549.N1	09-JUL-2004 02:05:10	Dark	65.000	50	13Alp Ari	2.0070	4250.0	130	12324	No
41	GOM_NL__2PRFIN20040709_021105_000000372028_00246_12324_2550.N1	09-JUL-2004 02:11:05	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	12324	No
42	GOM_NL__2PRFIN20040709_021344_000000412028_00246_12324_2551.N1	09-JUL-2004 02:13:44	Dark	41.000	165	34Gam Eri	2.9500	3200.0	82	12324	No

43	GOM_NL__2PRFIN20040709_022227_000000462028_00246_12324_2552.N1	09-JUL-2004 02:22:27	Dark	45.500	157	The1Eri	2.9060	9300.0	91	12324	No
44	GOM_NL__2PRFIN20040709_022836_000000492028_00247_12325_2522.N1	09-JUL-2004 02:28:36	Dark	49.000	9	Alp Eri	0.45300	24000.	98	12325	No
45	GOM_NL__2PRFIN20040709_023243_000000412028_00247_12325_2523.N1	09-JUL-2004 02:32:43	Dark	41.000	135	Bet Hyi	2.8200	5800.0	82	12325	No
46	GOM_NL__2PRFIN20040709_023658_000000592028_00247_12325_2524.N1	09-JUL-2004 02:36:58	Straylight	58.500	63	Bet Gru	2.1500	2800.0	117	12325	No
47	GOM_NL__2PRFIN20040709_023844_000000522028_00247_12325_2525.N1	09-JUL-2004 02:38:44	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	12325	No
48	GOM_NL__2PRFIN20040709_024019_000000442028_00247_12325_2526.N1	09-JUL-2004 02:40:19	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	12325	No
49	GOM_NL__2PRFIN20040709_024332_000000412028_00247_12325_2527.N1	09-JUL-2004 02:43:32	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	12325	No
50	GOM_NL__2PRFIN20040709_024502_000000392028_00247_12325_2528.N1	09-JUL-2004 02:45:02	Twi_and_stray	39.000	147	Alp Ara	2.8770	26000.	78	12325	No
51	GOM_NL__2PRFIN20040709_024652_000000452028_00247_12325_2529.N1	09-JUL-2004 02:46:52	Twi_and_stray	44.500	40	The Sco	1.8590	7100.0	89	12325	No
52	GOM_NL__2PRFIN20040709_024832_000000412028_00247_12325_2530.N1	09-JUL-2004 02:48:32	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	12325	No
53	GOM_NL__2PRFIN20040709_025000_000000492028_00247_12325_2531.N1	09-JUL-2004 02:50:00	Bright	49.000	116	19Del Sgr	2.7000	4100.0	98	12325	No
54	GOM_NL__2PRFIN20040709_025244_000001042028_00247_12325_2532.N1	09-JUL-2004 02:52:44	Bright	104.00	142	49Del Cap	2.8500	8900.0	208	12325	No
55	GOM_NL__2PRFIN20040709_025632_000000392028_00247_12325_2533.N1	09-JUL-2004 02:56:32	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	12325	No
56	GOM_NL__2PRFIN20040709_030004_000000392028_00247_12325_2534.N1	09-JUL-2004 03:00:04	Bright	39.000	126	60Bet Oph	2.7700	4250.0	78	12325	No
57	GOM_NL__2PRFIN20040709_030219_000000412028_00247_12325_2535.N1	09-JUL-2004 03:02:19	Bright	41.000	59	55Alp Oph	2.0800	8900.0	82	12325	No
58	GOM_NL__2PRFIN20040709_030527_000000372028_00247_12325_2536.N1	09-JUL-2004 03:05:27	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	12325	No
59	GOM_NL__2PRFIN20040709_030802_000000392028_00247_12325_2537.N1	09-JUL-2004 03:08:02	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	12325	No
60	GOM_NL__2PRFIN20040709_031023_000000432028_00247_12325_2538.N1	09-JUL-2004 03:10:23	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	12325	No
61	GOM_NL__2PRFIN20040709_031330_000000402028_00247_12325_2539.N1	09-JUL-2004 03:13:30	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	12325	No
62	GOM_NL__2PRFIN20040709_031620_000000352028_00247_12325_2540.N1	09-JUL-2004 03:16:20	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	12325	No
63	GOM_NL__2PRFIN20040709_032029_000000372028_00247_12325_2541.N1	09-JUL-2004 03:20:29	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	12325	No
64	GOM_NL__2PRFIN20040709_032422_000000382028_00247_12325_2542.N1	09-JUL-2004 03:24:22	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	12325	No
65	GOM_NL__2PRFIN20040709_032856_000000522028_00247_12325_2543.N1	09-JUL-2004 03:28:56	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	12325	No
66	GOM_NL__2PRFIN20040709_033056_000000442028_00247_12325_2544.N1	09-JUL-2004 03:30:56	Bright	44.000	110	37Del Cas	2.6780	8900.0	88	12325	No
67	GOM_NL__2PRFIN20040709_033429_000000532028_00247_12325_2545.N1	09-JUL-2004 03:34:29	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	12325	No
68	GOM_NL__2PRFIN20040709_033626_000000392028_00247_12325_2546.N1	09-JUL-2004 03:36:26	Bright	38.500	175	39Del Per	3.0100	19400.	77	12325	No
69	GOM_NL__2PRFIN20040709_033755_000000582028_00247_12325_2547.N1	09-JUL-2004 03:37:55	Bright	57.500	73	57Gam1And	2.2600	13100.	115	12325	No
70	GOM_NL__2PRFIN20040709_034038_000000892028_00247_12325_2548.N1	09-JUL-2004 03:40:38	Twi_and_stray	88.500	53	43Bet And	2.0480	3300.0	177	12325	No
71	GOM_NL__2PRFIN20040709_034341_000000442028_00247_12325_2549.N1	09-JUL-2004 03:43:41	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	12325	No
72	GOM_NL__2PRFIN20040709_034546_000000682028_00247_12325_2550.N1	09-JUL-2004 03:45:46	Dark	68.000	50	13Alp Ari	2.0070	4250.0	136	12325	No
73	GOM_NL__2PRFIN20040709_035141_000000372028_00247_12325_2551.N1	09-JUL-2004 03:51:41	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	12325	No
74	GOM_NL__2PRFIN20040709_035419_000000412028_00247_12325_2552.N1	09-JUL-2004 03:54:19	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	12325	No
75	GOM_NL__2PRFIN20040709_040304_000000432028_00247_12325_2553.N1	09-JUL-2004 04:03:04	Dark	43.000	157	The1Eri	2.9060	9300.0	86	12325	No
76	GOM_NL__2PRFIN20040709_040915_000000462028_00248_12326_2523.N1	09-JUL-2004 04:09:15	Dark	45.500	9	Alp Eri	0.45300	24000.	91	12326	No
77	GOM_NL__2PRFIN20040709_041319_000000392028_00248_12326_2524.N1	09-JUL-2004 04:13:19	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	12326	No
78	GOM_NL__2PRFIN20040709_041735_000000552028_00248_12326_2525.N1	09-JUL-2004 04:17:35	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	12326	No
79	GOM_NL__2PRFIN20040709_041921_000000522028_00248_12326_2526.N1	09-JUL-2004 04:19:21	Straylight	52.000	31	Alp Gru	1.7340	15200.	104	12326	No
80	GOM_NL__2PRFIN20040709_042056_000000452028_00248_12326_2527.N1	09-JUL-2004 04:20:56	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	12326	No
81	GOM_NL__2PRFIN20040709_042408_000000452028_00248_12326_2528.N1	09-JUL-2004 04:24:08	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	12326	No
82	GOM_NL__2PRFIN20040709_042539_000000392028_00248_12326_2529.N1	09-JUL-2004 04:25:39	Twi_and_stray	38.500	147	Alp Ara	2.8770	26000.	77	12326	No
83	GOM_NL__2PRFIN20040709_042728_000000412028_00248_12326_2530.N1	09-JUL-2004 04:27:28	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	12326	No
84	GOM_NL__2PRFIN20040709_042906_000000482028_00248_12326_2531.N1	09-JUL-2004 04:29:06	Twi_and_stray	47.500	25	35Lam Sco	1.6200	28000.	95	12326	No
85	GOM_NL__2PRFIN20040709_043037_000000472028_00248_12326_2532.N1	09-JUL-2004 04:30:37	Bright	47.000	116	19Del Sgr	2.7000	4100.0	94	12326	No
86	GOM_NL__2PRFIN20040709_043320_000001022028_00248_12326_2533.N1	09-JUL-2004 04:33:20	Bright	101.50	142	49Del Cap	2.8500	8900.0	203	12326	No
87	GOM_NL__2PRFIN20040709_043708_000000382028_00248_12326_2534.N1	09-JUL-2004 04:37:08	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	12326	No
88	GOM_NL__2PRFIN20040709_044040_000000392028_00248_12326_2535.N1	09-JUL-2004 04:40:40	Bright	38.500	126	60Bet Oph	2.7700	4250.0	77	12326	No
89	GOM_NL__2PRFIN20040709_044258_000000392028_00248_12326_2536.N1	09-JUL-2004 04:42:58	Bright	38.500	59	55Alp Oph	2.0800	8900.0	77	12326	No
90	GOM_NL__2PRFIN20040709_044603_000000382028_00248_12326_2537.N1	09-JUL-2004 04:46:03	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	12326	No
91	GOM_NL__2PRFIN20040709_044839_000000382028_00248_12326_2538.N1	09-JUL-2004 04:48:39	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	12326	No
92	GOM_NL__2PRFIN20040709_045059_000000432028_00248_12326_2539.N1	09-JUL-2004 04:50:59	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	12326	No
93	GOM_NL__2PRFIN20040709_045406_000000382028_00248_12326_2540.N1	09-JUL-2004 04:54:06	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	12326	No
94	GOM_NL__2PRFIN20040709_045657_000000352028_00248_12326_2541.N1	09-JUL-2004 04:56:57	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	12326	No
95	GOM_NL__2PRFIN20040709_050106_000000362028_00248_12326_2542.N1	09-JUL-2004 05:01:06	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	12326	No
96	GOM_NL__2PRFIN20040709_050459_000000382028_00248_12326_2543.N1	09-JUL-2004 05:04:59	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	12326	No
97	GOM_NL__2PRFIN20040709_050931_000000522028_00248_12326_2544.N1	09-JUL-2004 05:09:31	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	12326	No
98	GOM_NL__2PRFIN20040709_051131_000000512028_00248_12326_2545.N1	09-JUL-2004 05:11:31	Bright	50.500	110	37Del Cas	2.6780	8900.0	101	12326	No
99	GOM_NL__2PRFIN20040709_051507_000000522028_00248_12326_2546.N1	09-JUL-2004 05:15:07	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	12326	No
100	GOM_NL__2PRFIN20040709_051704_000000382028_00248_12326_2547.N1	09-JUL-2004 05:17:04	Bright	37.500	175	39Del Per	3.0100	19400.	75	12326	No
101	GOM_NL__2PRFIN20040709_051830_000000632028_00248_12326_2548.N1	09-JUL-2004 05:18:30	Bright	63.000	73	57Gam1And	2.2600	13100.	126	12326	No

102	GOM_NL__2PRFIN20040709_052114_000001032028_00248_12326_2549.N1	09-JUL-2004 05:21:14	Twilight	102.50	53	43Bet And	2.0480	3300.0	205	12326	No
103	GOM_NL__2PRFIN20040709_052419_000000422028_00248_12326_2550.N1	09-JUL-2004 05:24:19	Twilight	41.500	146	25Eta Tau	2.8730	15200.	83	12326	No
104	GOM_NL__2PRFIN20040709_052622_000000722028_00248_12326_2551.N1	09-JUL-2004 05:26:22	Dark	71.500	50	13Alp Ari	2.0070	4250.0	143	12326	No
105	GOM_NL__2PRFIN20040709_053217_000000372028_00248_12326_2552.N1	09-JUL-2004 05:32:17	Dark	36.500	7	19Bet Ori	0.10000	14000.	73	12326	No
106	GOM_NL__2PRFIN20040709_053457_000000452028_00248_12326_2553.N1	09-JUL-2004 05:34:57	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	12326	No
107	GOM_NL__2PRFIN20040709_054341_000000432028_00248_12326_2554.N1	09-JUL-2004 05:43:41	Dark	42.500	157	The1Eri	2.9060	9300.0	85	12326	No
108	GOM_NL__2PRFIN20040709_054952_000000522028_00249_12327_2524.N1	09-JUL-2004 05:49:52	Dark	52.000	9	Alp Eri	0.45300	24000.	104	12327	No
109	GOM_NL__2PRFIN20040709_055356_000000392028_00249_12327_2525.N1	09-JUL-2004 05:53:56	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	12327	No
110	GOM_NL__2PRFIN20040709_055812_000000542028_00249_12327_2526.N1	09-JUL-2004 05:58:12	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	12327	No
111	GOM_NL__2PRFIN20040709_055958_000000512028_00249_12327_2527.N1	09-JUL-2004 05:59:58	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	12327	No
112	GOM_NL__2PRFIN20040709_060133_000000432028_00249_12327_2528.N1	09-JUL-2004 06:01:33	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	12327	No
113	GOM_NL__2PRFIN20040709_060444_000000422028_00249_12327_2529.N1	09-JUL-2004 06:04:44	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	12327	No
114	GOM_NL__2PRFIN20040709_060615_000000392028_00249_12327_2530.N1	09-JUL-2004 06:06:15	Twilight	38.500	147	Alp Ara	2.8770	26000.	77	12327	No
115	GOM_NL__2PRFIN20040709_060805_000000442028_00249_12327_2531.N1	09-JUL-2004 06:08:05	Twilight	43.500	40	The Sco	1.8590	7100.0	87	12327	No
116	GOM_NL__2PRFIN20040709_060945_000000442028_00249_12327_2532.N1	09-JUL-2004 06:09:45	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	12327	No
117	GOM_NL__2PRFIN20040709_061114_000000442028_00249_12327_2533.N1	09-JUL-2004 06:11:14	Bright	43.500	116	19Del Sgr	2.7000	4100.0	87	12327	No
118	GOM_NL__2PRFIN20040709_061355_000001102028_00249_12327_2534.N1	09-JUL-2004 06:13:55	Bright	109.50	142	49Del Cap	2.8500	8900.0	219	12327	No
119	GOM_NL__2PRFIN20040709_061744_000000382028_00249_12327_2535.N1	09-JUL-2004 06:17:44	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	12327	No
120	GOM_NL__2PRFIN20040709_062117_000000372028_00249_12327_2536.N1	09-JUL-2004 06:21:17	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	12327	No
121	GOM_NL__2PRFIN20040709_062334_000000382028_00249_12327_2537.N1	09-JUL-2004 06:23:34	Bright	38.000	59	55Alp Oph	2.0800	8900.0	76	12327	No
122	GOM_NL__2PRFIN20040709_062640_000000372028_00249_12327_2538.N1	09-JUL-2004 06:26:40	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	12327	No
123	GOM_NL__2PRFIN20040709_062915_000000382028_00249_12327_2539.N1	09-JUL-2004 06:29:15	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	12327	No
124	GOM_NL__2PRFIN20040709_063135_000000452028_00249_12327_2540.N1	09-JUL-2004 06:31:35	Bright	45.000	5	3Alp Lyr	0.033000	11000.	90	12327	No
125	GOM_NL__2PRFIN20040709_063442_000000412028_00249_12327_2541.N1	09-JUL-2004 06:34:42	Bright	40.500	69	33Gam Dra	2.2310	3800.0	81	12327	No
126	GOM_NL__2PRFIN20040709_063734_000000372028_00249_12327_2542.N1	09-JUL-2004 06:37:34	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	12327	No
127	GOM_NL__2PRFIN20040709_064143_000000392028_00249_12327_2543.N1	09-JUL-2004 06:41:43	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	12327	No
128	GOM_NL__2PRFIN20040709_064536_000000362028_00249_12327_2544.N1	09-JUL-2004 06:45:36	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	12327	No
129	GOM_NL__2PRFIN20040709_065006_000000512028_00249_12327_2545.N1	09-JUL-2004 06:50:06	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	12327	No
130	GOM_NL__2PRFIN20040709_065208_000000652028_00249_12327_2546.N1	09-JUL-2004 06:52:08	Bright	65.000	110	37Del Cas	2.6780	8900.0	130	12327	No
131	GOM_NL__2PRFIN20040709_065544_000000422028_00249_12327_2547.N1	09-JUL-2004 06:55:44	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	12327	No
132	GOM_NL__2PRFIN20040709_065738_000000392028_00249_12327_2548.N1	09-JUL-2004 06:57:38	Bright	38.500	175	39Del Per	3.0100	19400.	77	12327	No
133	GOM_NL__2PRFIN20040709_065906_000000602028_00249_12327_2549.N1	09-JUL-2004 06:59:06	Bright	59.500	73	57Gam1And	2.2600	13100.	119	12327	No
134	GOM_NL__2PRFIN20040709_070149_000000892028_00249_12327_2550.N1	09-JUL-2004 07:01:49	Twilight	88.500	53	43Bet And	2.0480	3300.0	177	12327	No
135	GOM_NL__2PRFIN20040709_070455_000000392028_00249_12327_2551.N1	09-JUL-2004 07:04:55	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	12327	No
136	GOM_NL__2PRFIN20040709_070659_000000742028_00249_12327_2552.N1	09-JUL-2004 07:06:59	Dark	73.500	50	13Alp Ari	2.0070	4250.0	147	12327	No
137	GOM_NL__2PRFIN20040709_071253_000000422028_00249_12327_2553.N1	09-JUL-2004 07:12:53	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	12327	No
138	GOM_NL__2PRFIN20040709_071533_000000492028_00249_12327_2554.N1	09-JUL-2004 07:15:33	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	12327	No
139	GOM_NL__2PRFIN20040709_072418_000000422028_00249_12327_2555.N1	09-JUL-2004 07:24:18	Dark	42.000	157	The1Eri	2.9060	9300.0	84	12327	No
140	GOM_NL__2PRFIN20040709_073029_000000462028_00250_12328_2545.N1	09-JUL-2004 07:30:29	Dark	46.000	9	Alp Eri	0.45300	24000.	92	12328	No
141	GOM_NL__2PRFIN20040709_073432_000000402028_00250_12328_2546.N1	09-JUL-2004 07:34:32	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	12328	No
142	GOM_NL__2PRFIN20040709_073849_000000682028_00250_12328_2547.N1	09-JUL-2004 07:38:49	Straylight	67.500	63	Bet Gru	2.1500	2800.0	135	12328	No
143	GOM_NL__2PRFIN20040709_074035_000000492028_00250_12328_2548.N1	09-JUL-2004 07:40:35	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	12328	No
144	GOM_NL__2PRFIN20040709_074209_000000422028_00250_12328_2549.N1	09-JUL-2004 07:42:09	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	12328	No
145	GOM_NL__2PRFIN20040709_074520_000000432028_00250_12328_2550.N1	09-JUL-2004 07:45:20	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	12328	No
146	GOM_NL__2PRFIN20040709_074651_000000402028_00250_12328_2551.N1	09-JUL-2004 07:46:51	Twilight	40.000	147	Alp Ara	2.8770	26000.	80	12328	No
147	GOM_NL__2PRFIN20040709_074841_000000442028_00250_12328_2552.N1	09-JUL-2004 07:48:41	Twilight	43.500	40	The Sco	1.8590	7100.0	87	12328	No
148	GOM_NL__2PRFIN20040709_075021_000000442028_00250_12328_2553.N1	09-JUL-2004 07:50:21	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	12328	No
149	GOM_NL__2PRFIN20040709_075150_000000492028_00250_12328_2554.N1	09-JUL-2004 07:51:50	Bright	49.000	116	19Del Sgr	2.7000	4100.0	98	12328	No
150	GOM_NL__2PRFIN20040709_075431_000001082028_00250_12328_2555.N1	09-JUL-2004 07:54:31	Bright	108.00	142	49Del Cap	2.8500	8900.0	216	12328	No
151	GOM_NL__2PRFIN20040709_075820_000000382028_00250_12328_2556.N1	09-JUL-2004 07:58:20	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	12328	No
152	GOM_NL__2PRFIN20040709_080153_000000372028_00250_12328_2557.N1	09-JUL-2004 08:01:53	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	12328	No
153	GOM_NL__2PRFIN20040709_080410_000000392028_00250_12328_2558.N1	09-JUL-2004 08:04:10	Bright	38.500	59	55Alp Oph	2.0800	8900.0	77	12328	No
154	GOM_NL__2PRFIN20040709_080716_000000392028_00250_12328_2559.N1	09-JUL-2004 08:07:16	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	12328	No
155	GOM_NL__2PRFIN20040709_080951_000000372028_00250_12328_2560.N1	09-JUL-2004 08:09:51	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	12328	No
156	GOM_NL__2PRFIN20040709_081211_000000392028_00250_12328_2561.N1	09-JUL-2004 08:12:11	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	12328	No
157	GOM_NL__2PRFIN20040709_081518_000000402028_00250_12328_2562.N1	09-JUL-2004 08:15:18	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	12328	No
158	GOM_NL__2PRFIN20040709_081810_000000372028_00250_12328_2563.N1	09-JUL-2004 08:18:10	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	12328	No
159	GOM_NL__2PRFIN20040709_082218_000000392028_00250_12328_2564.N1	09-JUL-2004 08:22:18	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	12328	No
160	GOM_NL__2PRFIN20040709_082612_000000352028_00250_12328_2565.N1	09-JUL-2004 08:26:12	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	12328	No

161	GOM_NL__2PRFIN20040709_083042_000000502028_00250_12328_2566.N1	09-JUL-2004 08:30:42	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	12328	No
162	GOM_NL__2PRFIN20040709_083243_000000452028_00250_12328_2567.N1	09-JUL-2004 08:32:43	Bright	45.000	110	37Del Cas	2.6780	8900.0	90	12328	No
163	GOM_NL__2PRFIN20040709_083619_000000542028_00250_12328_2568.N1	09-JUL-2004 08:36:19	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	12328	No
164	GOM_NL__2PRFIN20040709_083814_000000392028_00250_12328_2569.N1	09-JUL-2004 08:38:14	Bright	38.500	175	39Del Per	3.0100	19400.	77	12328	No
165	GOM_NL__2PRFIN20040709_083943_000000642028_00250_12328_2570.N1	09-JUL-2004 08:39:43	Bright	63.500	73	57Gam1And	2.2600	13100.	127	12328	No
166	GOM_NL__2PRFIN20040709_084226_000000912028_00250_12328_2571.N1	09-JUL-2004 08:42:26	Twi_and_stray	91.000	53	43Bet And	2.0480	3300.0	182	12328	No
167	GOM_NL__2PRFIN20040709_084531_000000402028_00250_12328_2572.N1	09-JUL-2004 08:45:31	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	12328	No
168	GOM_NL__2PRFIN20040709_084736_000000712028_00250_12328_2573.N1	09-JUL-2004 08:47:36	Dark	71.000	50	13Alp Ari	2.0070	4250.0	142	12328	No
169	GOM_NL__2PRFIN20040709_085329_000000482028_00250_12328_2574.N1	09-JUL-2004 08:53:29	Dark	48.000	7	19Bet Ori	0.10000	14000.	96	12328	No
170	GOM_NL__2PRFIN20040709_085609_000000462028_00250_12328_2575.N1	09-JUL-2004 08:56:09	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	12328	No
171	GOM_NL__2PRFIN20040709_090454_000000432028_00250_12328_2576.N1	09-JUL-2004 09:04:54	Dark	43.000	157	The1Eri	2.9060	9300.0	86	12328	No
172	GOM_NL__2PRFIN20040709_091105_000000442028_00251_12329_2546.N1	09-JUL-2004 09:11:05	Dark	43.500	9	Alp Eri	0.45300	24000.	87	12329	No
173	GOM_NL__2PRFIN20040709_091508_000000402028_00251_12329_2547.N1	09-JUL-2004 09:15:08	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	12329	No
174	GOM_NL__2PRFIN20040709_091926_000000672028_00251_12329_2548.N1	09-JUL-2004 09:19:26	Straylight	67.000	63	Bet Gru	2.1500	2800.0	134	12329	No
175	GOM_NL__2PRFIN20040709_092111_000000502028_00251_12329_2549.N1	09-JUL-2004 09:21:11	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	12329	No
176	GOM_NL__2PRFIN20040709_092245_000000462028_00251_12329_2550.N1	09-JUL-2004 09:22:45	Straylight	45.500	45	Alp Pav	1.9400	26000.	91	12329	No
177	GOM_NL__2PRFIN20040709_092556_000000432028_00251_12329_2551.N1	09-JUL-2004 09:25:56	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	12329	No
178	GOM_NL__2PRFIN20040709_092726_000000412028_00251_12329_2552.N1	09-JUL-2004 09:27:26	Twi_and_stray	40.500	147	Alp Ara	2.8770	26000.	81	12329	No
179	GOM_NL__2PRFIN20040709_092917_000000452028_00251_12329_2553.N1	09-JUL-2004 09:29:17	Twi_and_stray	44.500	40	The Sco	1.8590	7100.0	89	12329	No
180	GOM_NL__2PRFIN20040709_093057_000000442028_00251_12329_2554.N1	09-JUL-2004 09:30:57	Twi_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	12329	No
181	GOM_NL__2PRFIN20040709_093226_000000472028_00251_12329_2555.N1	09-JUL-2004 09:32:26	Bright	47.000	116	19Del Sgr	2.7000	4100.0	94	12329	No
182	GOM_NL__2PRFIN20040709_093508_000001062028_00251_12329_2556.N1	09-JUL-2004 09:35:08	Bright	106.00	142	49Del Cap	2.8500	8900.0	212	12329	No
183	GOM_NL__2PRFIN20040709_093856_000000382028_00251_12329_2557.N1	09-JUL-2004 09:38:56	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	12329	No
184	GOM_NL__2PRFIN20040709_094229_000000372028_00251_12329_2558.N1	09-JUL-2004 09:42:29	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	12329	No
185	GOM_NL__2PRFIN20040709_094446_000000382028_00251_12329_2559.N1	09-JUL-2004 09:44:46	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	12329	No
186	GOM_NL__2PRFIN20040709_094752_000000382028_00251_12329_2560.N1	09-JUL-2004 09:47:52	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	12329	No
187	GOM_NL__2PRFIN20040709_095027_000000362028_00251_12329_2561.N1	09-JUL-2004 09:50:27	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	12329	No
188	GOM_NL__2PRFIN20040709_095246_000000452028_00251_12329_2562.N1	09-JUL-2004 09:52:46	Bright	44.500	5	3Alp Lyr	0.033000	11000.	89	12329	No
189	GOM_NL__2PRFIN20040709_095554_000000402028_00251_12329_2563.N1	09-JUL-2004 09:55:54	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	12329	No
190	GOM_NL__2PRFIN20040709_095845_000000382028_00251_12329_2564.N1	09-JUL-2004 09:58:45	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	12329	No
191	GOM_NL__2PRFIN20040709_100254_000000372028_00251_12329_2565.N1	09-JUL-2004 10:02:54	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	12329	No
192	GOM_NL__2PRFIN20040709_100647_000000392028_00251_12329_2566.N1	09-JUL-2004 10:06:47	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	12329	No
193	GOM_NL__2PRFIN20040709_101118_000000502028_00251_12329_2567.N1	09-JUL-2004 10:11:18	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	12329	No
194	GOM_NL__2PRFIN20040709_101319_000000442028_00251_12329_2568.N1	09-JUL-2004 10:13:19	Bright	44.000	110	37Del Cas	2.6780	8900.0	88	12329	No
195	GOM_NL__2PRFIN20040709_101655_000000432028_00251_12329_2569.N1	09-JUL-2004 10:16:55	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	12329	No
196	GOM_NL__2PRFIN20040709_101850_000000402028_00251_12329_2570.N1	09-JUL-2004 10:18:50	Bright	39.500	175	39Del Per	3.0100	19400.	79	12329	No
197	GOM_NL__2PRFIN20040709_102019_000000582028_00251_12329_2571.N1	09-JUL-2004 10:20:19	Bright	57.500	73	57Gam1And	2.2600	13100.	115	12329	No
198	GOM_NL__2PRFIN20040709_102302_000001062028_00251_12329_2572.N1	09-JUL-2004 10:23:02	Twi_and_stray	106.00	53	43Bet And	2.0480	3300.0	212	12329	No
199	GOM_NL__2PRFIN20040709_102606_000000432028_00251_12329_2573.N1	09-JUL-2004 10:26:06	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	12329	No
200	GOM_NL__2PRFIN20040709_102813_000000722028_00251_12329_2574.N1	09-JUL-2004 10:28:13	Dark	71.500	50	13Alp Ari	2.0070	4250.0	143	12329	No
201	GOM_NL__2PRFIN20040709_103405_000000472028_00251_12329_2575.N1	09-JUL-2004 10:34:05	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	12329	No
202	GOM_NL__2PRFIN20040709_103645_000000462028_00251_12329_2576.N1	09-JUL-2004 10:36:45	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	12329	No
203	GOM_NL__2PRFIN20040709_104530_000000422028_00251_12329_2577.N1	09-JUL-2004 10:45:30	Dark	41.500	157	The1Eri	2.9060	9300.0	83	12329	No
204	GOM_NL__2PRFIN20040709_105141_000000462028_00252_12330_2547.N1	09-JUL-2004 10:51:41	Dark	46.000	9	Alp Eri	0.45300	24000.	92	12330	No
205	GOM_NL__2PRFIN20040709_105544_000000392028_00252_12330_2548.N1	09-JUL-2004 10:55:44	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	12330	No
206	GOM_NL__2PRFIN20040709_110002_000000612028_00252_12330_2549.N1	09-JUL-2004 11:00:02	Straylight	60.500	63	Bet Gru	2.1500	2800.0	121	12330	No
207	GOM_NL__2PRFIN20040709_110304_000000922028_00252_12330_2550.N1	09-JUL-2004 11:03:04	Straylight	91.500	18	24Alp PsA	1.1660	9700.0	183	12330	No
208	GOM_NL__2PRFIN20040709_110632_000000402028_00252_12330_2551.N1	09-JUL-2004 11:06:32	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	12330	No
209	GOM_NL__2PRFIN20040709_110803_000000382028_00252_12330_2552.N1	09-JUL-2004 11:08:03	Twi_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	12330	No
210	GOM_NL__2PRFIN20040709_110953_000000462028_00252_12330_2553.N1	09-JUL-2004 11:09:53	Twi_and_stray	46.000	40	The Sco	1.8590	7100.0	92	12330	No
211	GOM_NL__2PRFIN20040709_111133_000000442028_00252_12330_2554.N1	09-JUL-2004 11:11:33	Twi_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	12330	No
212	GOM_NL__2PRFIN20040709_111337_000000412028_00252_12330_2555.N1	09-JUL-2004 11:13:37	Bright	41.000	57	34Sig Sgr	2.0660	26000.	82	12330	No
213	GOM_NL__2PRFIN20040709_111543_000001052028_00252_12330_2556.N1	09-JUL-2004 11:15:43	Bright	104.50	142	49Del Cap	2.8500	8900.0	209	12330	No
214	GOM_NL__2PRFIN20040709_112305_000000372028_00252_12330_2557.N1	09-JUL-2004 11:23:05	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	12330	No
215	GOM_NL__2PRFIN20040709_112522_000000402028_00252_12330_2558.N1	09-JUL-2004 11:25:22	Bright	39.500	59	55Alp Oph	2.0800	8900.0	79	12330	No
216	GOM_NL__2PRFIN20040709_112828_000000382028_00252_12330_2559.N1	09-JUL-2004 11:28:28	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	12330	No
217	GOM_NL__2PRFIN20040709_113103_000000382028_00252_12330_2560.N1	09-JUL-2004 11:31:03	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	12330	No
218	GOM_NL__2PRFIN20040709_113322_000000442028_00252_12330_2561.N1	09-JUL-2004 11:33:22	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	12330	No
219	GOM_NL__2PRFIN20040709_113629_000000432028_00252_12330_2562.N1	09-JUL-2004 11:36:29	Bright	42.500	69	33Gam Dra	2.2310	3800.0	85	12330	No

220	GOM_NL__2PRFIN20040709_113920_000000392028_00252_12330_2563.N1	09-JUL-2004 11:39:20	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	12330	No
221	GOM_NL__2PRFIN20040709_114330_000000402028_00252_12330_2564.N1	09-JUL-2004 11:43:30	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	12330	No
222	GOM_NL__2PRFIN20040709_114723_000000392028_00252_12330_2565.N1	09-JUL-2004 11:47:23	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	12330	No
223	GOM_NL__2PRFIN20040709_115153_000000512028_00252_12330_2566.N1	09-JUL-2004 11:51:53	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	12330	No
224	GOM_NL__2PRFIN20040709_115354_000000442028_00252_12330_2567.N1	09-JUL-2004 11:53:54	Bright	43.500	110	37Del Cas	2.6780	8900.0	87	12330	No
225	GOM_NL__2PRFIN20040709_115730_000000422028_00252_12330_2568.N1	09-JUL-2004 11:57:30	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	12330	No
226	GOM_NL__2PRFIN20040709_115926_000000402028_00252_12330_2569.N1	09-JUL-2004 11:59:26	Bright	39.500	175	39Del Per	3.0100	19400.	79	12330	No
227	GOM_NL__2PRFIN20040709_120054_000000602028_00252_12330_2570.N1	09-JUL-2004 12:00:54	Bright	59.500	73	57Gam1And	2.2600	13100.	119	12330	No
228	GOM_NL__2PRFIN20040709_120416_000000462028_00252_12330_2571.N1	09-JUL-2004 12:04:16	Bright	46.000	150	44Zet Per	2.8900	28000.	92	12330	No
229	GOM_NL__2PRFIN20040709_120643_000000462028_00252_12330_2572.N1	09-JUL-2004 12:06:43	Twilight	45.500	146	25Eta Tau	2.8730	15200.	91	12330	No
230	GOM_NL__2PRFIN20040709_120849_000000722028_00252_12330_2573.N1	09-JUL-2004 12:08:49	Dark	72.000	50	13Alp Ari	2.0070	4250.0	144	12330	No
231	GOM_NL__2PRFIN20040709_121440_000000472028_00252_12330_2574.N1	09-JUL-2004 12:14:40	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	12330	No
232	GOM_NL__2PRFIN20040709_121721_000000482028_00252_12330_2575.N1	09-JUL-2004 12:17:21	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	12330	No
233	GOM_NL__2PRFIN20040709_122607_000000402028_00252_12330_2576.N1	09-JUL-2004 12:26:07	Dark	40.000	157	The1Eri	2.9060	9300.0	80	12330	No
234	GOM_NL__2PRFIN20040709_123217_000000442028_00253_12331_2548.N1	09-JUL-2004 12:32:17	Dark	43.500	9	Alp Eri	0.45300	24000.	87	12331	No
235	GOM_NL__2PRFIN20040709_123619_000000402028_00253_12331_2549.N1	09-JUL-2004 12:36:19	Dark	40.000	135	Bet Hyi	2.8200	5800.0	80	12331	No
236	GOM_NL__2PRFIN20040709_124039_000000632028_00253_12331_2550.N1	09-JUL-2004 12:40:39	Straylight	62.500	63	Bet Gru	2.1500	2800.0	125	12331	No
237	GOM_NL__2PRFIN20040709_124341_000000892028_00253_12331_2551.N1	09-JUL-2004 12:43:41	Straylight	89.000	18	24Alp PsA	1.1660	9700.0	178	12331	No
238	GOM_NL__2PRFIN20040709_124708_000000452028_00253_12331_2552.N1	09-JUL-2004 12:47:08	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	12331	No
239	GOM_NL__2PRFIN20040709_124839_000000392028_00253_12331_2553.N1	09-JUL-2004 12:48:39	Twi_and_stray	38.500	147	Alp Ara	2.8770	26000.	77	12331	No
240	GOM_NL__2PRFIN20040709_125029_000000452028_00253_12331_2554.N1	09-JUL-2004 12:50:29	Twi_and_stray	44.500	40	The Sco	1.8590	7100.0	89	12331	No
241	GOM_NL__2PRFIN20040709_125206_000000442028_00253_12331_2555.N1	09-JUL-2004 12:52:06	Twi_and_stray	44.000	25	35Lam Sco	1.6200	28000.	88	12331	No
242	GOM_NL__2PRFIN20040709_125413_000000412028_00253_12331_2556.N1	09-JUL-2004 12:54:13	Bright	41.000	57	34Sig Sgr	2.0660	26000.	82	12331	No
243	GOM_NL__2PRFIN20040709_125619_000001062028_00253_12331_2557.N1	09-JUL-2004 12:56:19	Bright	105.50	142	49Del Cap	2.8500	8900.0	211	12331	No
244	GOM_NL__2PRFIN20040709_130340_000000372028_00253_12331_2558.N1	09-JUL-2004 13:03:40	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	12331	No
245	GOM_NL__2PRFIN20040709_130557_000000382028_00253_12331_2559.N1	09-JUL-2004 13:05:57	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	12331	No
246	GOM_NL__2PRFIN20040709_130904_000000402028_00253_12331_2560.N1	09-JUL-2004 13:09:04	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	12331	No
247	GOM_NL__2PRFIN20040709_131137_000000412028_00253_12331_2561.N1	09-JUL-2004 13:11:37	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	12331	No
248	GOM_NL__2PRFIN20040709_131357_000000402028_00253_12331_2562.N1	09-JUL-2004 13:13:57	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	12331	No
249	GOM_NL__2PRFIN20040709_131704_000000432028_00253_12331_2563.N1	09-JUL-2004 13:17:04	Bright	42.500	69	33Gam Dra	2.2310	3800.0	85	12331	No
250	GOM_NL__2PRFIN20040709_131955_000000422028_00253_12331_2564.N1	09-JUL-2004 13:19:55	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	12331	No
251	GOM_NL__2PRFIN20040709_132404_000000412028_00253_12331_2565.N1	09-JUL-2004 13:24:04	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	12331	No
252	GOM_NL__2PRFIN20040709_132756_000000412028_00253_12331_2566.N1	09-JUL-2004 13:27:56	Bright	40.500	49	1Alp UMi	1.9900	6300.0	81	12331	No
253	GOM_NL__2PRFIN20040709_133228_000000512028_00253_12331_2567.N1	09-JUL-2004 13:32:28	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	12331	No
254	GOM_NL__2PRFIN20040709_133430_000000452028_00253_12331_2568.N1	09-JUL-2004 13:34:30	Bright	45.000	110	37Del Cas	2.6780	8900.0	90	12331	No
255	GOM_NL__2PRFIN20040709_133804_000000442028_00253_12331_2569.N1	09-JUL-2004 13:38:04	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	12331	No
256	GOM_NL__2PRFIN20040709_134002_000000482028_00253_12331_2570.N1	09-JUL-2004 13:40:02	Bright	48.000	175	39Del Per	3.0100	19400.	96	12331	No
257	GOM_NL__2PRFIN20040709_134130_000000572028_00253_12331_2571.N1	09-JUL-2004 13:41:30	Bright	56.500	73	57Gam1And	2.2600	13100.	113	12331	No
258	GOM_NL__2PRFIN20040709_134452_000000442028_00253_12331_2572.N1	09-JUL-2004 13:44:52	Bright	43.500	150	44Zet Per	2.8900	28000.	87	12331	No
259	GOM_NL__2PRFIN20040709_134716_000000472028_00253_12331_2573.N1	09-JUL-2004 13:47:16	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	12331	No
260	GOM_NL__2PRFIN20040709_134926_000000712028_00253_12331_2574.N1	09-JUL-2004 13:49:26	Dark	70.500	50	13Alp Ari	2.0070	4250.0	141	12331	No
261	GOM_NL__2PRFIN20040709_135517_000000502028_00253_12331_2575.N1	09-JUL-2004 13:55:17	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	12331	No
262	GOM_NL__2PRFIN20040709_135756_000000492028_00253_12331_2576.N1	09-JUL-2004 13:57:56	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	12331	No
263	GOM_NL__2PRFIN20040709_140642_000000432028_00253_12331_2577.N1	09-JUL-2004 14:06:42	Dark	43.000	157	The1Eri	2.9060	9300.0	86	12331	No
264	GOM_NL__2PRFIN20040709_141252_000000542028_00254_12332_2549.N1	09-JUL-2004 14:12:52	Dark	53.500	9	Alp Eri	0.45300	24000.	107	12332	No
265	GOM_NL__2PRFIN20040709_141656_000000412028_00254_12332_2550.N1	09-JUL-2004 14:16:56	Dark	41.000	135	Bet Hyi	2.8200	5800.0	82	12332	No
266	GOM_NL__2PRFIN20040709_142116_000000552028_00254_12332_2551.N1	09-JUL-2004 14:21:16	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	12332	No
267	GOM_NL__2PRFIN20040709_142420_000000902028_00254_12332_2552.N1	09-JUL-2004 14:24:20	Straylight	90.000	18	24Alp PsA	1.1660	9700.0	180	12332	No
268	GOM_NL__2PRFIN20040709_142744_000000432028_00254_12332_2553.N1	09-JUL-2004 14:27:44	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	12332	No
269	GOM_NL__2PRFIN20040709_142914_000000402028_00254_12332_2554.N1	09-JUL-2004 14:29:14	Twi_and_stray	39.500	147	Alp Ara	2.8770	26000.	79	12332	No
270	GOM_NL__2PRFIN20040709_143105_000000452028_00254_12332_2555.N1	09-JUL-2004 14:31:05	Twi_and_stray	45.000	40	The Sco	1.8590	7100.0	90	12332	No
271	GOM_NL__2PRFIN20040709_143244_000000412028_00254_12332_2556.N1	09-JUL-2004 14:32:44	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	12332	No
272	GOM_NL__2PRFIN20040709_143448_000000432028_00254_12332_2557.N1	09-JUL-2004 14:34:48	Bright	43.000	57	34Sig Sgr	2.0660	26000.	86	12332	No
273	GOM_NL__2PRFIN20040709_143656_000001062028_00254_12332_2558.N1	09-JUL-2004 14:36:56	Bright	106.00	142	49Del Cap	2.8500	8900.0	212	12332	No
274	GOM_NL__2PRFIN20040709_144416_000000402028_00254_12332_2559.N1	09-JUL-2004 14:44:16	Bright	40.000	126	60Bet Oph	2.7700	4250.0	80	12332	No
275	GOM_NL__2PRFIN20040709_144633_000000372028_00254_12332_2560.N1	09-JUL-2004 14:46:33	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	12332	No
276	GOM_NL__2PRFIN20040709_144941_000000362028_00254_12332_2561.N1	09-JUL-2004 14:49:41	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	12332	No
277	GOM_NL__2PRFIN20040709_145215_000000402028_00254_12332_2562.N1	09-JUL-2004 14:52:15	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	12332	No
278	GOM_NL__2PRFIN20040709_145433_000000442028_00254_12332_2563.N1	09-JUL-2004 14:54:33	Bright	44.000	5	3Alp Lyr	0.033000	11000.	88	12332	No

279	GOM_NL__2PRFIN20040709_145741_000000422028_00254_12332_2564.N1	09-JUL-2004 14:57:41	Bright	41.500	69	33Gam Dra	2.2310	3800.0	83	12332	No
280	GOM_NL__2PRFIN20040709_150032_000000392028_00254_12332_2565.N1	09-JUL-2004 15:00:32	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	12332	No
281	GOM_NL__2PRFIN20040709_150442_000000412028_00254_12332_2566.N1	09-JUL-2004 15:04:42	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	12332	No
282	GOM_NL__2PRFIN20040709_150832_000000412028_00254_12332_2567.N1	09-JUL-2004 15:08:32	Bright	40.500	49	1Alp UMi	1.9900	6300.0	81	12332	No
283	GOM_NL__2PRFIN20040709_151303_000000492028_00254_12332_2568.N1	09-JUL-2004 15:13:03	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	12332	No
284	GOM_NL__2PRFIN20040709_151505_000000462028_00254_12332_2569.N1	09-JUL-2004 15:15:05	Bright	46.000	110	37Del Cas	2.6780	8900.0	92	12332	No
285	GOM_NL__2PRFIN20040709_151842_000000432028_00254_12332_2570.N1	09-JUL-2004 15:18:42	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	12332	No
286	GOM_NL__2PRFIN20040709_152038_000000392028_00254_12332_2571.N1	09-JUL-2004 15:20:38	Bright	38.500	175	39Del Per	3.0100	19400.	77	12332	No
287	GOM_NL__2PRFIN20040709_152206_000000592028_00254_12332_2572.N1	09-JUL-2004 15:22:06	Bright	59.000	73	57Gam1And	2.2600	13100.	118	12332	No
288	GOM_NL__2PRFIN20040709_152528_000000442028_00254_12332_2573.N1	09-JUL-2004 15:25:28	Bright	44.000	150	44Zet Per	2.8900	28000.	88	12332	No
289	GOM_NL__2PRFIN20040709_152752_000000482028_00254_12332_2574.N1	09-JUL-2004 15:27:52	Twilight	48.000	146	25Eta Tau	2.8730	15200.	96	12332	No
290	GOM_NL__2PRFIN20040709_153002_000000772028_00254_12332_2575.N1	09-JUL-2004 15:30:02	Dark	76.500	50	13Alp Ari	2.0070	4250.0	153	12332	No
291	GOM_NL__2PRFIN20040709_153553_000000512028_00254_12332_2576.N1	09-JUL-2004 15:35:53	Dark	50.500	7	19Bet Ori	0.10000	14000.	101	12332	No
292	GOM_NL__2PRFIN20040709_153834_000000452028_00254_12332_2577.N1	09-JUL-2004 15:38:34	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	12332	No
293	GOM_NL__2PRFIN20040709_154719_000000432028_00254_12332_2578.N1	09-JUL-2004 15:47:19	Dark	43.000	157	The1Eri	2.9060	9300.0	86	12332	No
294	GOM_NL__2PRFIN20040709_155328_000000552028_00255_12333_2660.N1	09-JUL-2004 15:53:28	Dark	54.500	9	Alp Eri	0.45300	24000.	109	12333	No
295	GOM_NL__2PRFIN20040709_155730_000000422028_00255_12333_2661.N1	09-JUL-2004 15:57:30	Dark	41.500	135	Bet Hyi	2.8200	5800.0	83	12333	No
296	GOM_NL__2PRFIN20040709_160153_000000542028_00255_12333_2662.N1	09-JUL-2004 16:01:53	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	12333	No
297	GOM_NL__2PRFIN20040709_160457_000000922028_00255_12333_2663.N1	09-JUL-2004 16:04:57	Straylight	92.000	18	24Alp PsA	1.1660	9700.0	184	12333	No
298	GOM_NL__2PRFIN20040709_160819_000000412028_00255_12333_2664.N1	09-JUL-2004 16:08:19	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	12333	No
299	GOM_NL__2PRFIN20040709_160951_000000392028_00255_12333_2665.N1	09-JUL-2004 16:09:51	Twi_and_stray	38.500	147	Alp Ara	2.8770	26000.	77	12333	No
300	GOM_NL__2PRFIN20040709_161142_000000442028_00255_12333_2666.N1	09-JUL-2004 16:11:42	Twi_and_stray	44.000	40	The Sco	1.8590	7100.0	88	12333	No
301	GOM_NL__2PRFIN20040709_161320_000000452028_00255_12333_2667.N1	09-JUL-2004 16:13:20	Twi_and_stray	44.500	25	35Lam Sco	1.6200	28000.	89	12333	No
302	GOM_NL__2PRFIN20040709_161524_000000432028_00255_12333_2668.N1	09-JUL-2004 16:15:24	Bright	43.000	57	34Sig Sgr	2.0660	26000.	86	12333	No
303	GOM_NL__2PRFIN20040709_161732_000001072028_00255_12333_2669.N1	09-JUL-2004 16:17:32	Bright	106.50	142	49Del Cap	2.8500	8900.0	213	12333	No
304	GOM_NL__2PRFIN20040709_162452_000000382028_00255_12333_2670.N1	09-JUL-2004 16:24:52	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	12333	No
305	GOM_NL__2PRFIN20040709_162709_000000412028_00255_12333_2671.N1	09-JUL-2004 16:27:09	Bright	40.500	59	55Alp Oph	2.0800	8900.0	81	12333	No
306	GOM_NL__2PRFIN20040709_163017_000000392028_00255_12333_2672.N1	09-JUL-2004 16:30:17	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	12333	No
307	GOM_NL__2PRFIN20040709_163249_000000412028_00255_12333_2673.N1	09-JUL-2004 16:32:49	Bright	41.000	133	40Zet Her	2.8070	6000.0	82	12333	No
308	GOM_NL__2PRFIN20040709_163508_000000462028_00255_12333_2674.N1	09-JUL-2004 16:35:08	Bright	46.000	5	3Alp Lyr	0.033000	11000.	92	12333	No
309	GOM_NL__2PRFIN20040709_163816_000000422028_00255_12333_2675.N1	09-JUL-2004 16:38:16	Bright	41.500	69	33Gam Dra	2.2310	3800.0	83	12333	No
310	GOM_NL__2PRFIN20040709_164109_000000392028_00255_12333_2676.N1	09-JUL-2004 16:41:09	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	12333	No
311	GOM_NL__2PRFIN20040709_164518_000000362028_00255_12333_2677.N1	09-JUL-2004 16:45:18	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	12333	No
312	GOM_NL__2PRFIN20040709_164908_000000402028_00255_12333_2678.N1	09-JUL-2004 16:49:08	Bright	40.000	49	1Alp UMi	1.9900	6300.0	80	12333	No
313	GOM_NL__2PRFIN20040709_165339_000000492028_00255_12333_2679.N1	09-JUL-2004 16:53:39	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	12333	No
314	GOM_NL__2PRFIN20040709_165541_000000442028_00255_12333_2680.N1	09-JUL-2004 16:55:41	Bright	43.500	110	37Del Cas	2.6780	8900.0	87	12333	No
315	GOM_NL__2PRFIN20040709_165918_000000422028_00255_12333_2681.N1	09-JUL-2004 16:59:18	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	12333	No
316	GOM_NL__2PRFIN20040709_170114_000000482028_00255_12333_2682.N1	09-JUL-2004 17:01:14	Bright	48.000	175	39Del Per	3.0100	19400.	96	12333	No
317	GOM_NL__2PRFIN20040709_170241_000000612028_00255_12333_2683.N1	09-JUL-2004 17:02:41	Bright	60.500	73	57Gam1And	2.2600	13100.	121	12333	No
318	GOM_NL__2PRFIN20040709_170604_000000442028_00255_12333_2684.N1	09-JUL-2004 17:06:04	Bright	43.500	150	44Zet Per	2.8900	28000.	87	12333	No
319	GOM_NL__2PRFIN20040709_170830_000000452028_00255_12333_2685.N1	09-JUL-2004 17:08:30	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	12333	No
320	GOM_NL__2PRFIN20040709_171039_000000662028_00255_12333_2686.N1	09-JUL-2004 17:10:39	Dark	66.000	50	13Alp Ari	2.0070	4250.0	132	12333	No
321	GOM_NL__2PRFIN20040709_171628_000000412028_00255_12333_2687.N1	09-JUL-2004 17:16:28	Dark	41.000	7	19Bet Ori	0.10000	14000.	82	12333	No
322	GOM_NL__2PRFIN20040709_171911_000000462028_00255_12333_2688.N1	09-JUL-2004 17:19:11	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	12333	No
323	GOM_NL__2PRFIN20040709_172756_000000422028_00255_12333_2689.N1	09-JUL-2004 17:27:56	Dark	41.500	157	The1Eri	2.9060	9300.0	83	12333	No
324	GOM_NL__2PRFIN20040709_173407_000000472028_00256_12334_2688.N1	09-JUL-2004 17:34:07	Dark	47.000	9	Alp Eri	0.45300	24000.	94	12334	No
325	GOM_NL__2PRFIN20040709_173808_000000412028_00256_12334_2689.N1	09-JUL-2004 17:38:08	Dark	41.000	135	Bet Hyi	2.8200	5800.0	82	12334	No
326	GOM_NL__2PRFIN20040709_174229_000000542028_00256_12334_2690.N1	09-JUL-2004 17:42:29	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	12334	No
327	GOM_NL__2PRFIN20040709_174535_000000942028_00256_12334_2691.N1	09-JUL-2004 17:45:35	Straylight	93.500	18	24Alp PsA	1.1660	9700.0	187	12334	No
328	GOM_NL__2PRFIN20040709_174856_000000422028_00256_12334_2692.N1	09-JUL-2004 17:48:56	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	12334	No
329	GOM_NL__2PRFIN20040709_175027_000000392028_00256_12334_2693.N1	09-JUL-2004 17:50:27	Twi_and_stray	39.000	147	Alp Ara	2.8770	26000.	78	12334	No
330	GOM_NL__2PRFIN20040709_175218_000000412028_00256_12334_2694.N1	09-JUL-2004 17:52:18	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	12334	No
331	GOM_NL__2PRFIN20040709_175355_000000462028_00256_12334_2695.N1	09-JUL-2004 17:53:55	Twi_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	12334	No
332	GOM_NL__2PRFIN20040709_175601_000000442028_00256_12334_2696.N1	09-JUL-2004 17:56:01	Bright	43.500	57	34Sig Sgr	2.0660	26000.	87	12334	No
333	GOM_NL__2PRFIN20040709_175808_000000992028_00256_12334_2697.N1	09-JUL-2004 17:58:08	Bright	99.000	142	49Del Cap	2.8500	8900.0	198	12334	No
334	GOM_NL__2PRFIN20040709_180528_000000382028_00256_12334_2698.N1	09-JUL-2004 18:05:28	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	12334	No
335	GOM_NL__2PRFIN20040709_180746_000000402028_00256_12334_2699.N1	09-JUL-2004 18:07:46	Bright	39.500	59	55Alp Oph	2.0800	8900.0	79	12334	No
336	GOM_NL__2PRFIN20040709_181053_000000402028_00256_12334_2700.N1	09-JUL-2004 18:10:53	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	12334	No
337	GOM_NL__2PRFIN20040709_181327_000000382028_00256_12334_2701.N1	09-JUL-2004 18:13:27	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	12334	No

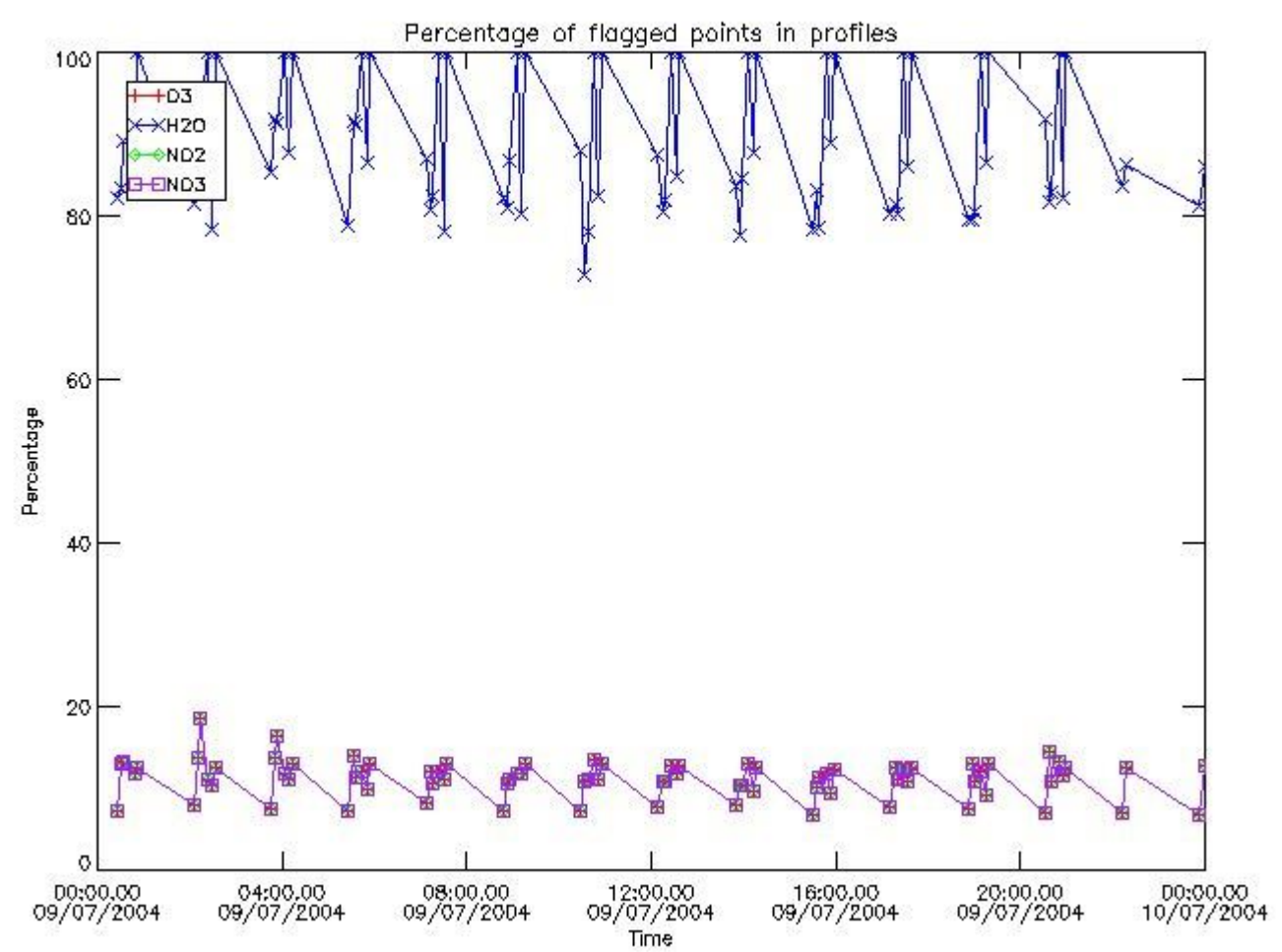
338	GOM_NL__2PRFIN20040709_181544_000000432028_00256_12334_2702.N1	09-JUL-2004 18:15:44	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	12334	No
339	GOM_NL__2PRFIN20040709_181852_000000422028_00256_12334_2703.N1	09-JUL-2004 18:18:52	Bright	42.000	69	33Gam Dra	2.2310	3800.0	84	12334	No
340	GOM_NL__2PRFIN20040709_182145_000000392028_00256_12334_2704.N1	09-JUL-2004 18:21:45	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	12334	No
341	GOM_NL__2PRFIN20040709_182554_000000372028_00256_12334_2705.N1	09-JUL-2004 18:25:54	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	12334	No
342	GOM_NL__2PRFIN20040709_182944_000000422028_00256_12334_2706.N1	09-JUL-2004 18:29:44	Bright	41.500	49	1Alp UMi	1.9900	6300.0	83	12334	No
343	GOM_NL__2PRFIN20040709_183414_000000522028_00256_12334_2707.N1	09-JUL-2004 18:34:14	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	12334	No
344	GOM_NL__2PRFIN20040709_183616_000000462028_00256_12334_2708.N1	09-JUL-2004 18:36:16	Bright	46.000	110	37Del Cas	2.6780	8900.0	92	12334	No
345	GOM_NL__2PRFIN20040709_183954_000000462028_00256_12334_2709.N1	09-JUL-2004 18:39:54	Bright	45.500	160	23Gam Per	2.9300	4700.0	91	12334	No
346	GOM_NL__2PRFIN20040709_184150_000000402028_00256_12334_2710.N1	09-JUL-2004 18:41:50	Bright	40.000	175	39Del Per	3.0100	19400.	80	12334	No
347	GOM_NL__2PRFIN20040709_184318_000000592028_00256_12334_2711.N1	09-JUL-2004 18:43:18	Bright	58.500	73	57Gam1And	2.2600	13100.	117	12334	No
348	GOM_NL__2PRFIN20040709_184640_000000452028_00256_12334_2712.N1	09-JUL-2004 18:46:40	Bright	45.000	150	44Zet Per	2.8900	28000.	90	12334	No
349	GOM_NL__2PRFIN20040709_184907_000000452028_00256_12334_2713.N1	09-JUL-2004 18:49:07	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	12334	No
350	GOM_NL__2PRFIN20040709_185115_000000692028_00256_12334_2714.N1	09-JUL-2004 18:51:15	Dark	68.500	50	13Alp Ari	2.0070	4250.0	137	12334	No
351	GOM_NL__2PRFIN20040709_185705_000000402028_00256_12334_2715.N1	09-JUL-2004 18:57:05	Dark	39.500	7	19Bet Ori	0.10000	14000.	79	12334	No
352	GOM_NL__2PRFIN20040709_185947_000000472028_00256_12334_2716.N1	09-JUL-2004 18:59:47	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	12334	No
353	GOM_NL__2PRFIN20040709_190833_000000422028_00256_12334_2717.N1	09-JUL-2004 19:08:33	Dark	42.000	157	The1Eri	2.9060	9300.0	84	12334	No
354	GOM_NL__2PRFIN20040709_191443_000000562028_00257_12335_2661.N1	09-JUL-2004 19:14:43	Dark	56.000	9	Alp Eri	0.45300	24000.	112	12335	No
355	GOM_NL__2PRFIN20040709_191844_000000402028_00257_12335_2662.N1	09-JUL-2004 19:18:44	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	12335	No
356	GOM_NL__2PRFIN20040709_192307_000000542028_00257_12335_2663.N1	09-JUL-2004 19:23:07	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	12335	No
357	GOM_NL__2PRFIN20040709_192612_000000922028_00257_12335_2664.N1	09-JUL-2004 19:26:12	Straylight	92.000	18	24Alp PsA	1.1660	9700.0	184	12335	No
358	GOM_NL__2PRFIN20040709_192932_000000402028_00257_12335_2665.N1	09-JUL-2004 19:29:32	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	12335	No
359	GOM_NL__2PRFIN20040709_193102_000000392028_00257_12335_2666.N1	09-JUL-2004 19:31:02	Twi_and_stray	38.500	147	Alp Ara	2.8770	26000.	77	12335	No
360	GOM_NL__2PRFIN20040709_193253_000000442028_00257_12335_2667.N1	09-JUL-2004 19:32:53	Twi_and_stray	43.500	40	The Sco	1.8590	7100.0	87	12335	No
361	GOM_NL__2PRFIN20040709_193431_000000452028_00257_12335_2668.N1	09-JUL-2004 19:34:31	Twi_and_stray	44.500	25	35Lam Sco	1.6200	28000.	89	12335	No
362	GOM_NL__2PRFIN20040709_193637_000000432028_00257_12335_2669.N1	09-JUL-2004 19:36:37	Bright	43.000	57	34Sig Sgr	2.0660	26000.	86	12335	No
363	GOM_NL__2PRFIN20040709_193844_000001052028_00257_12335_2670.N1	09-JUL-2004 19:38:44	Bright	105.00	142	49Del Cap	2.8500	8900.0	210	12335	No
364	GOM_NL__2PRFIN20040709_194604_000000382028_00257_12335_2671.N1	09-JUL-2004 19:46:04	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	12335	No
365	GOM_NL__2PRFIN20040709_194822_000000372028_00257_12335_2672.N1	09-JUL-2004 19:48:22	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	12335	No
366	GOM_NL__2PRFIN20040709_195128_000000382028_00257_12335_2673.N1	09-JUL-2004 19:51:28	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	12335	No
367	GOM_NL__2PRFIN20040709_195403_000000372028_00257_12335_2674.N1	09-JUL-2004 19:54:03	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	12335	No
368	GOM_NL__2PRFIN20040709_195620_000000392028_00257_12335_2675.N1	09-JUL-2004 19:56:20	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	12335	No
369	GOM_NL__2PRFIN20040709_195928_000000422028_00257_12335_2676.N1	09-JUL-2004 19:59:28	Bright	41.500	69	33Gam Dra	2.2310	3800.0	83	12335	No
370	GOM_NL__2PRFIN20040709_200219_000000422028_00257_12335_2677.N1	09-JUL-2004 20:02:19	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	12335	No
371	GOM_NL__2PRFIN20040709_200631_000000402028_00257_12335_2678.N1	09-JUL-2004 20:06:31	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	12335	No
372	GOM_NL__2PRFIN20040709_201022_000000382028_00257_12335_2679.N1	09-JUL-2004 20:10:22	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	12335	No
373	GOM_NL__2PRFIN20040709_201449_000000502028_00257_12335_2680.N1	09-JUL-2004 20:14:49	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	12335	No
374	GOM_NL__2PRFIN20040709_201652_000000652028_00257_12335_2681.N1	09-JUL-2004 20:16:52	Bright	65.000	110	37Del Cas	2.6780	8900.0	130	12335	No
375	GOM_NL__2PRFIN20040709_202030_000000492028_00257_12335_2682.N1	09-JUL-2004 20:20:30	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	12335	No
376	GOM_NL__2PRFIN20040709_202226_000000382028_00257_12335_2683.N1	09-JUL-2004 20:22:26	Bright	38.000	175	39Del Per	3.0100	19400.	76	12335	No
377	GOM_NL__2PRFIN20040709_202353_000000592028_00257_12335_2684.N1	09-JUL-2004 20:23:53	Bright	58.500	73	57Gam1And	2.2600	13100.	117	12335	No
378	GOM_NL__2PRFIN20040709_202637_000000902028_00257_12335_2685.N1	09-JUL-2004 20:26:37	Twi_and_stray	89.500	53	43Bet And	2.0480	3300.0	179	12335	No
379	GOM_NL__2PRFIN20040709_202943_000000462028_00257_12335_2686.N1	09-JUL-2004 20:29:43	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	12335	No
380	GOM_NL__2PRFIN20040709_203151_000000732028_00257_12335_2687.N1	09-JUL-2004 20:31:51	Dark	73.000	50	13Alp Ari	2.0070	4250.0	146	12335	No
381	GOM_NL__2PRFIN20040709_203742_000000392028_00257_12335_2688.N1	09-JUL-2004 20:37:42	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	12335	No
382	GOM_NL__2PRFIN20040709_204023_000000482028_00257_12335_2689.N1	09-JUL-2004 20:40:23	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	12335	No
383	GOM_NL__2PRFIN20040709_204909_000000432028_00257_12335_2690.N1	09-JUL-2004 20:49:09	Dark	42.500	157	The1Eri	2.9060	9300.0	85	12335	No
384	GOM_NL__2PRFIN20040709_205520_000000482028_00258_12336_2553.N1	09-JUL-2004 20:55:20	Dark	48.000	9	Alp Eri	0.45300	24000.	96	12336	No
385	GOM_NL__2PRFIN20040709_205920_000000412028_00258_12336_2554.N1	09-JUL-2004 20:59:20	Dark	41.000	135	Bet Hyi	2.8200	5800.0	82	12336	No
386	GOM_NL__2PRFIN20040709_210343_000000662028_00258_12336_2555.N1	09-JUL-2004 21:03:43	Straylight	66.000	63	Bet Gru	2.1500	2800.0	132	12336	No
387	GOM_NL__2PRFIN20040709_210649_000000862028_00258_12336_2556.N1	09-JUL-2004 21:06:49	Straylight	86.000	18	24Alp PsA	1.1660	9700.0	172	12336	No
388	GOM_NL__2PRFIN20040709_211008_000000412028_00258_12336_2557.N1	09-JUL-2004 21:10:08	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	12336	No
389	GOM_NL__2PRFIN20040709_211139_000000412028_00258_12336_2558.N1	09-JUL-2004 21:11:39	Twi_and_stray	41.000	147	Alp Ara	2.8770	26000.	82	12336	No
390	GOM_NL__2PRFIN20040709_211330_000000452028_00258_12336_2559.N1	09-JUL-2004 21:13:30	Twi_and_stray	45.000	40	The Sco	1.8590	7100.0	90	12336	No
391	GOM_NL__2PRFIN20040709_211507_000000462028_00258_12336_2560.N1	09-JUL-2004 21:15:07	Twi_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	12336	No
392	GOM_NL__2PRFIN20040709_211713_000000432028_00258_12336_2561.N1	09-JUL-2004 21:17:13	Bright	43.000	57	34Sig Sgr	2.0660	26000.	86	12336	No
393	GOM_NL__2PRFIN20040709_211920_000001042028_00258_12336_2562.N1	09-JUL-2004 21:19:20	Bright	104.00	142	49Del Cap	2.8500	8900.0	208	12336	No
394	GOM_NL__2PRFIN20040709_212640_000000382028_00258_12336_2563.N1	09-JUL-2004 21:26:40	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	12336	No
395	GOM_NL__2PRFIN20040709_212858_000000392028_00258_12336_2564.N1	09-JUL-2004 21:28:58	Bright	38.500	59	55Alp Oph	2.0800	8900.0	77	12336	No
396	GOM_NL__2PRFIN20040709_213205_000000392028_00258_12336_2565.N1	09-JUL-2004 21:32:05	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	12336	No

397	GOM_NL__2PRFIN20040709_213440_000000402028_00258_12336_2566.N1	09-JUL-2004 21:34:40	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	12336	No
398	GOM_NL__2PRFIN20040709_213655_000000392028_00258_12336_2567.N1	09-JUL-2004 21:36:55	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	12336	No
399	GOM_NL__2PRFIN20040709_214003_000000372028_00258_12336_2568.N1	09-JUL-2004 21:40:03	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	12336	No
400	GOM_NL__2PRFIN20040709_214257_000000382028_00258_12336_2569.N1	09-JUL-2004 21:42:57	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	12336	No
401	GOM_NL__2PRFIN20040709_214707_000000402028_00258_12336_2570.N1	09-JUL-2004 21:47:07	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	12336	No
402	GOM_NL__2PRFIN20040709_215058_000000372028_00258_12336_2571.N1	09-JUL-2004 21:50:58	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	12336	No
403	GOM_NL__2PRFIN20040709_215524_000000492028_00258_12336_2572.N1	09-JUL-2004 21:55:24	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	12336	No
404	GOM_NL__2PRFIN20040709_215728_000000442028_00258_12336_2573.N1	09-JUL-2004 21:57:28	Bright	44.000	110	37Del Cas	2.6780	8900.0	88	12336	No
405	GOM_NL__2PRFIN20040709_220106_000000402028_00258_12336_2574.N1	09-JUL-2004 22:01:06	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	12336	No
406	GOM_NL__2PRFIN20040709_220302_000000382028_00258_12336_2575.N1	09-JUL-2004 22:03:02	Bright	38.000	175	39Del Per	3.0100	19400.	76	12336	No
407	GOM_NL__2PRFIN20040709_220429_000000582028_00258_12336_2576.N1	09-JUL-2004 22:04:29	Bright	58.000	73	57Gam1And	2.2600	13100.	116	12336	No
408	GOM_NL__2PRFIN20040709_220713_000000912028_00258_12336_2577.N1	09-JUL-2004 22:07:13	Twilight	90.500	53	43Bet And	2.0480	3300.0	181	12336	No
409	GOM_NL__2PRFIN20040709_221019_000000452028_00258_12336_2578.N1	09-JUL-2004 22:10:19	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	12336	No
410	GOM_NL__2PRFIN20040709_221227_000000742028_00258_12336_2579.N1	09-JUL-2004 22:12:27	Dark	74.000	50	13Alp Ari	2.0070	4250.0	148	12336	No
411	GOM_NL__2PRFIN20040709_221818_000000442028_00258_12336_2580.N1	09-JUL-2004 22:18:18	Dark	44.000	7	19Bet Ori	0.10000	14000.	88	12336	No
412	GOM_NL__2PRFIN20040709_232040_000000422028_00259_12337_2721.N1	09-JUL-2004 23:20:40	Dark	41.500	69	33Gam Dra	2.2310	3800.0	83	12337	Yes
413	GOM_NL__2PRFIN20040709_232331_000000392028_00259_12337_2722.N1	09-JUL-2004 23:23:31	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	12337	No
414	GOM_NL__2PRFIN20040709_232743_000000382028_00259_12337_2723.N1	09-JUL-2004 23:27:43	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	12337	No
415	GOM_NL__2PRFIN20040709_233132_000000382028_00259_12337_2724.N1	09-JUL-2004 23:31:32	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	12337	No
416	GOM_NL__2PRFIN20040709_233559_000000512028_00259_12337_2725.N1	09-JUL-2004 23:35:59	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	12337	No
417	GOM_NL__2PRFIN20040709_233803_000000512028_00259_12337_2726.N1	09-JUL-2004 23:38:03	Bright	50.500	110	37Del Cas	2.6780	8900.0	101	12337	No
418	GOM_NL__2PRFIN20040709_234141_000000452028_00259_12337_2727.N1	09-JUL-2004 23:41:41	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	12337	No
419	GOM_NL__2PRFIN20040709_234338_000000392028_00259_12337_2728.N1	09-JUL-2004 23:43:38	Bright	39.000	175	39Del Per	3.0100	19400.	78	12337	No
420	GOM_NL__2PRFIN20040709_234505_000000572028_00259_12337_2729.N1	09-JUL-2004 23:45:05	Bright	56.500	73	57Gam1And	2.2600	13100.	113	12337	No
421	GOM_NL__2PRFIN20040709_234749_000000922028_00259_12337_2730.N1	09-JUL-2004 23:47:49	Twilight	92.000	53	43Bet And	2.0480	3300.0	184	12337	No
422	GOM_NL__2PRFIN20040709_235053_000000462028_00259_12337_2731.N1	09-JUL-2004 23:50:53	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	12337	No
423	GOM_NL__2PRFIN20040709_235304_000000752028_00259_12337_2732.N1	09-JUL-2004 23:53:04	Dark	74.500	50	13Alp Ari	2.0070	4250.0	149	12337	No
424	GOM_NL__2PRFIN20040709_235854_000000402028_00259_12337_2733.N1	09-JUL-2004 23:58:54	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	12337	No

3. Quality information per product

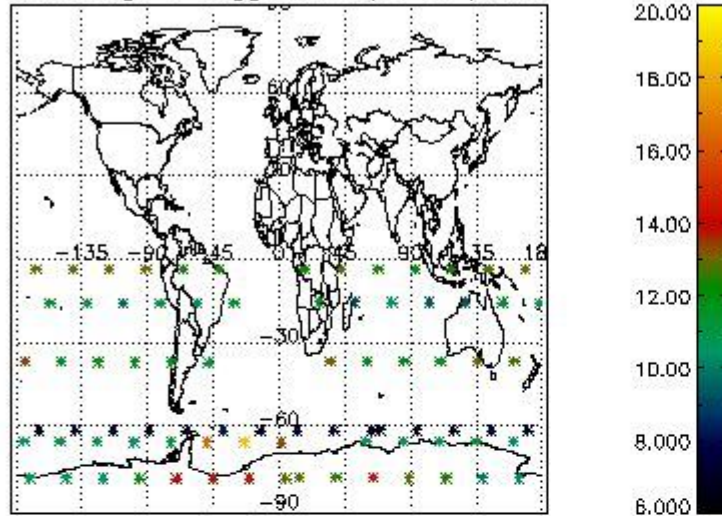
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

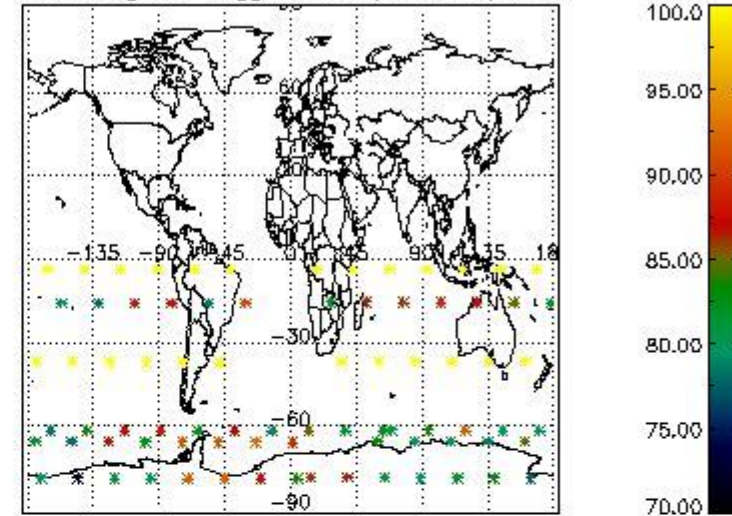


3.2 Plot quality information per product (world map)

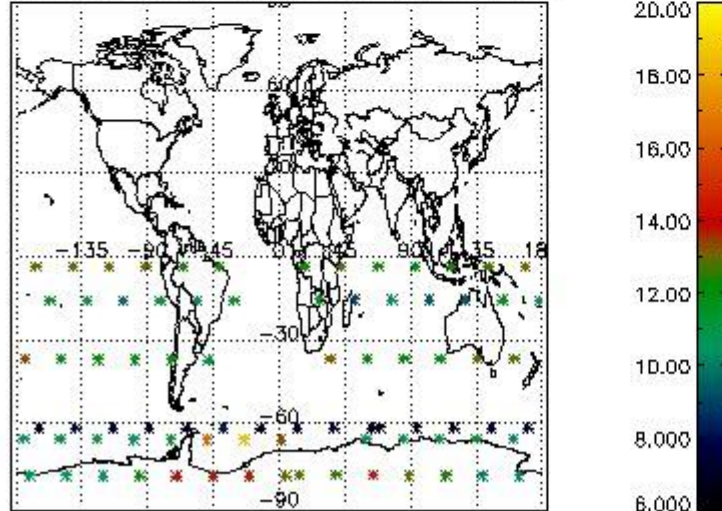
Percentage of flagged data per O3 profile



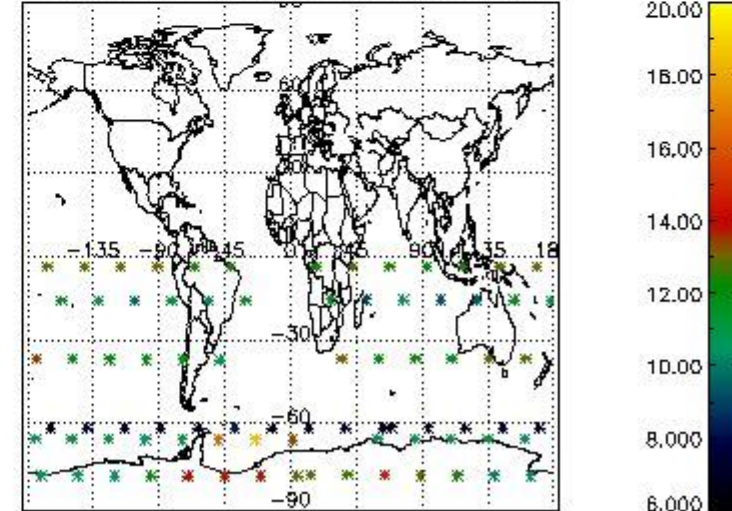
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

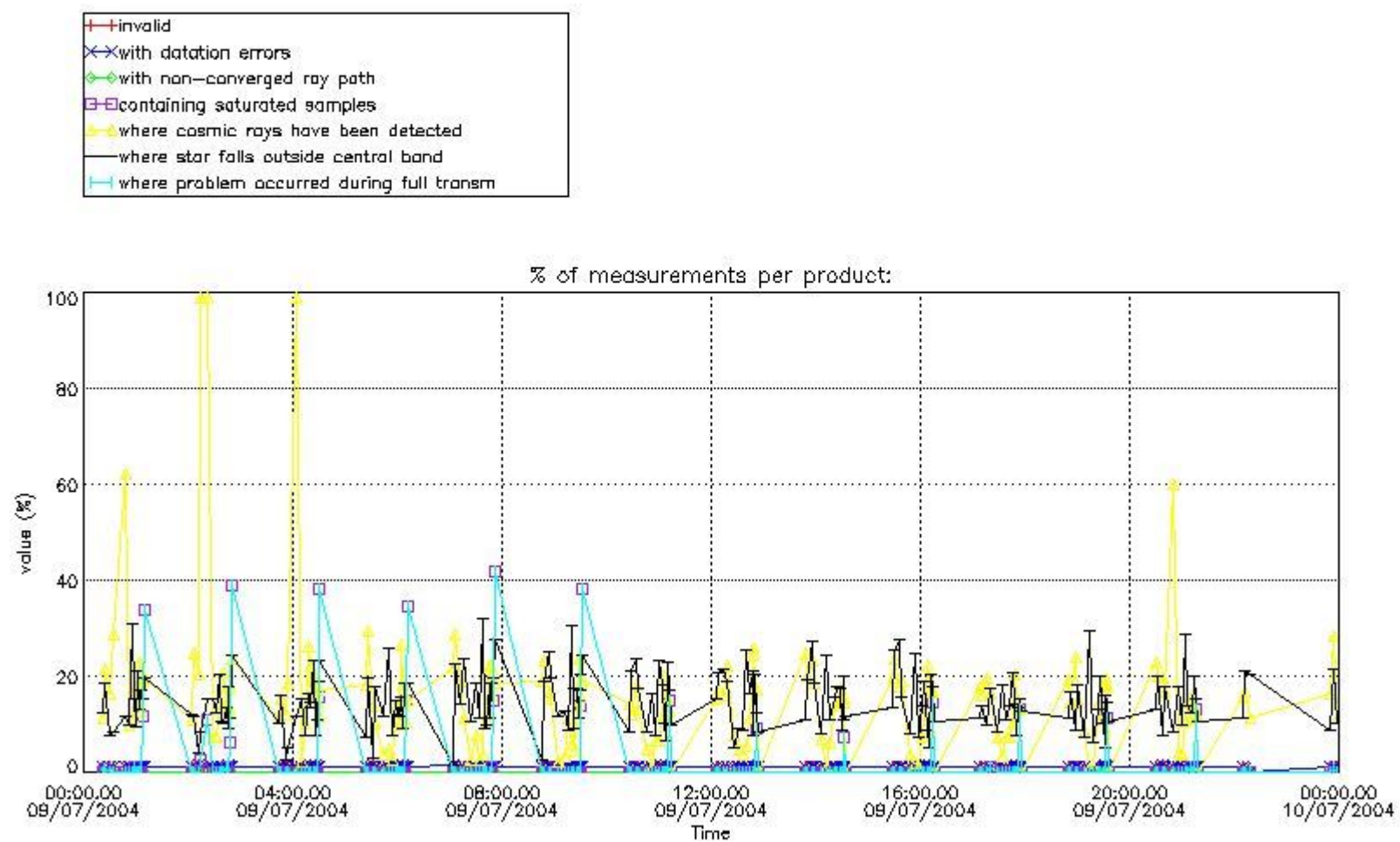


4. Level 1 quality information per product

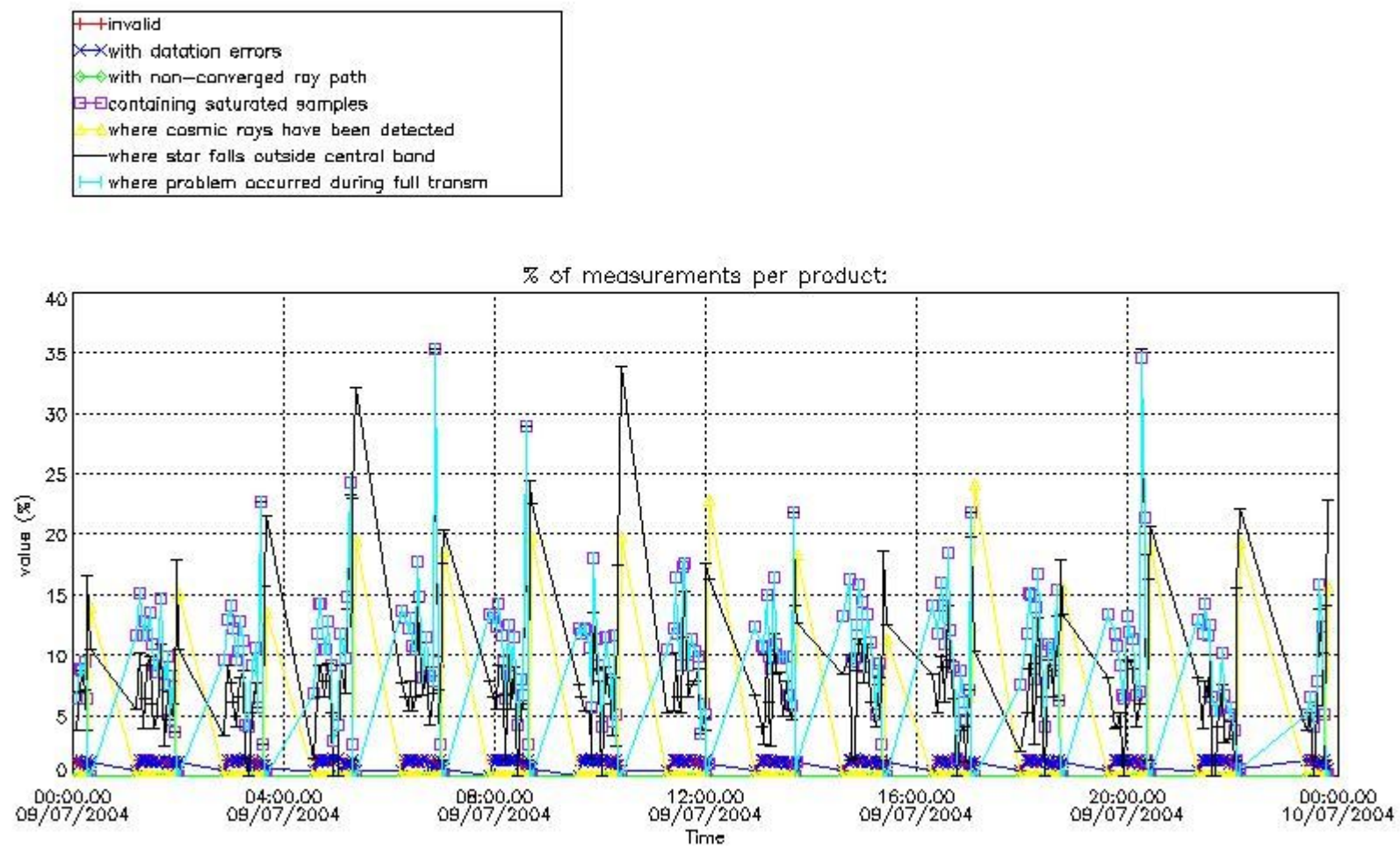
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



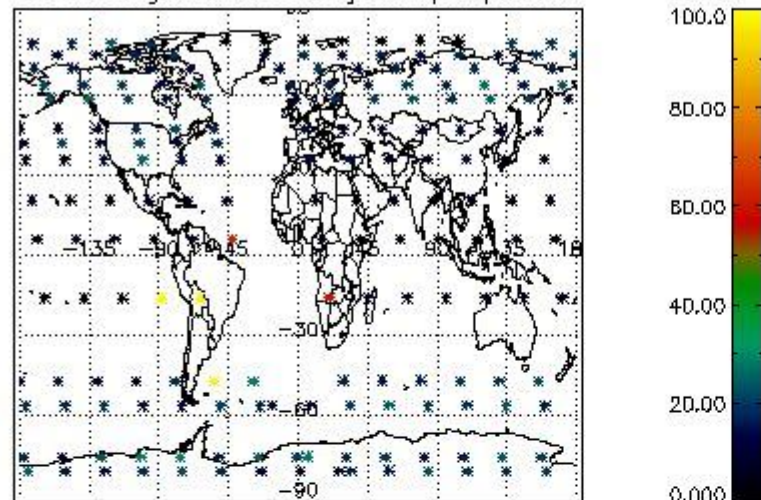
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



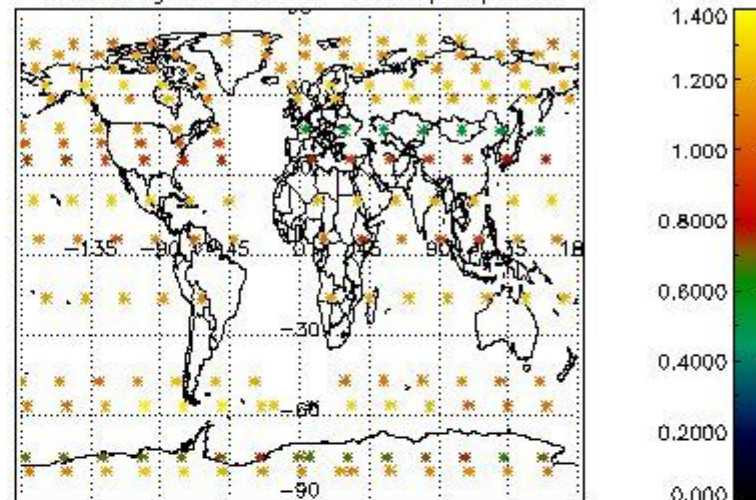
4.2 Plot quality information per product coming from level 1b processing (world map)

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

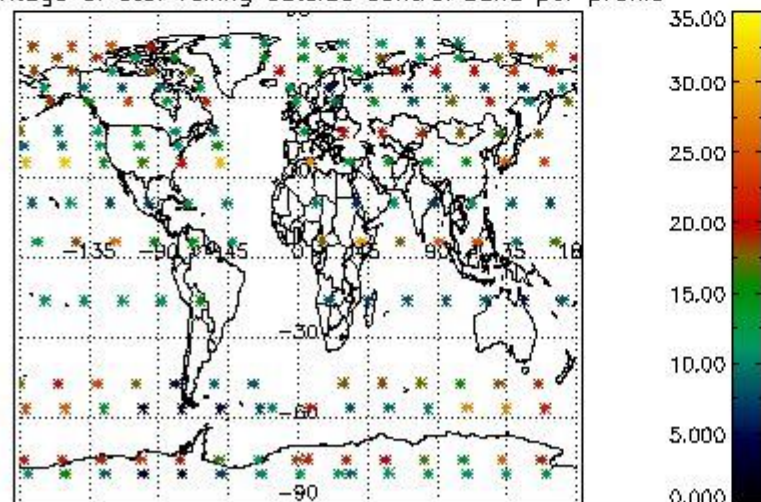
Percentage of cosmic ray hits per profile



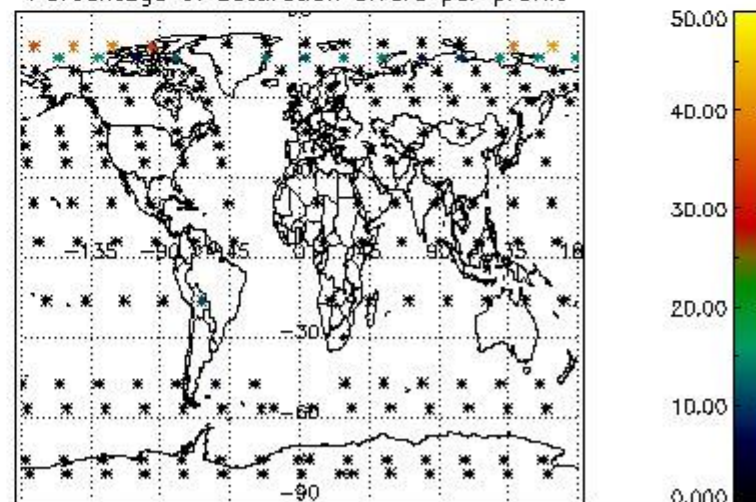
Percentage of datation errors per profile



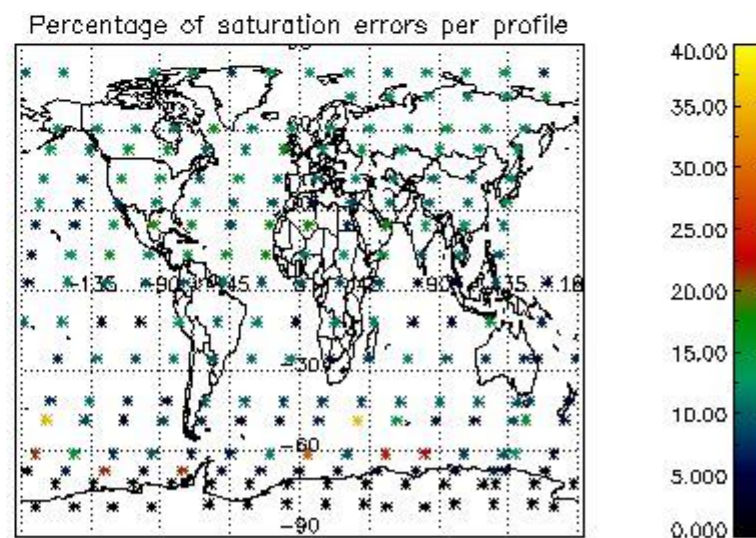
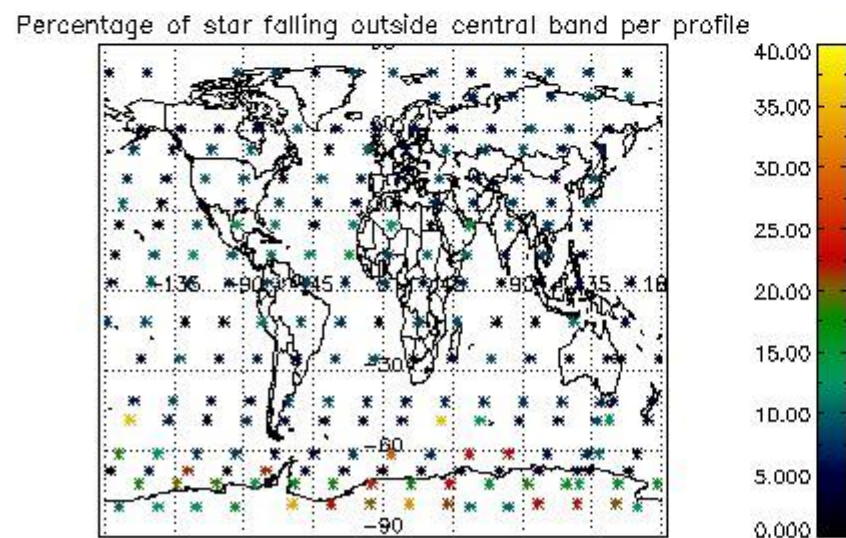
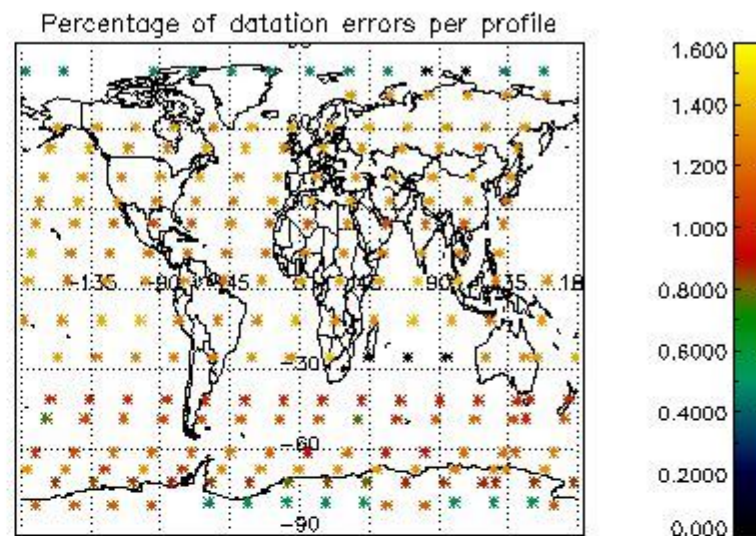
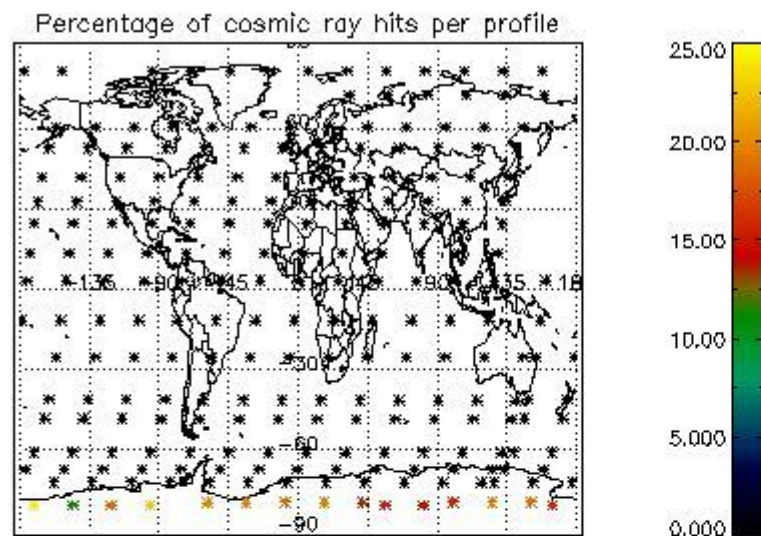
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

The statistics are given with respect to the overall valid production:

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

The 'Criteria' is applied to valid points of dark limb products:

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

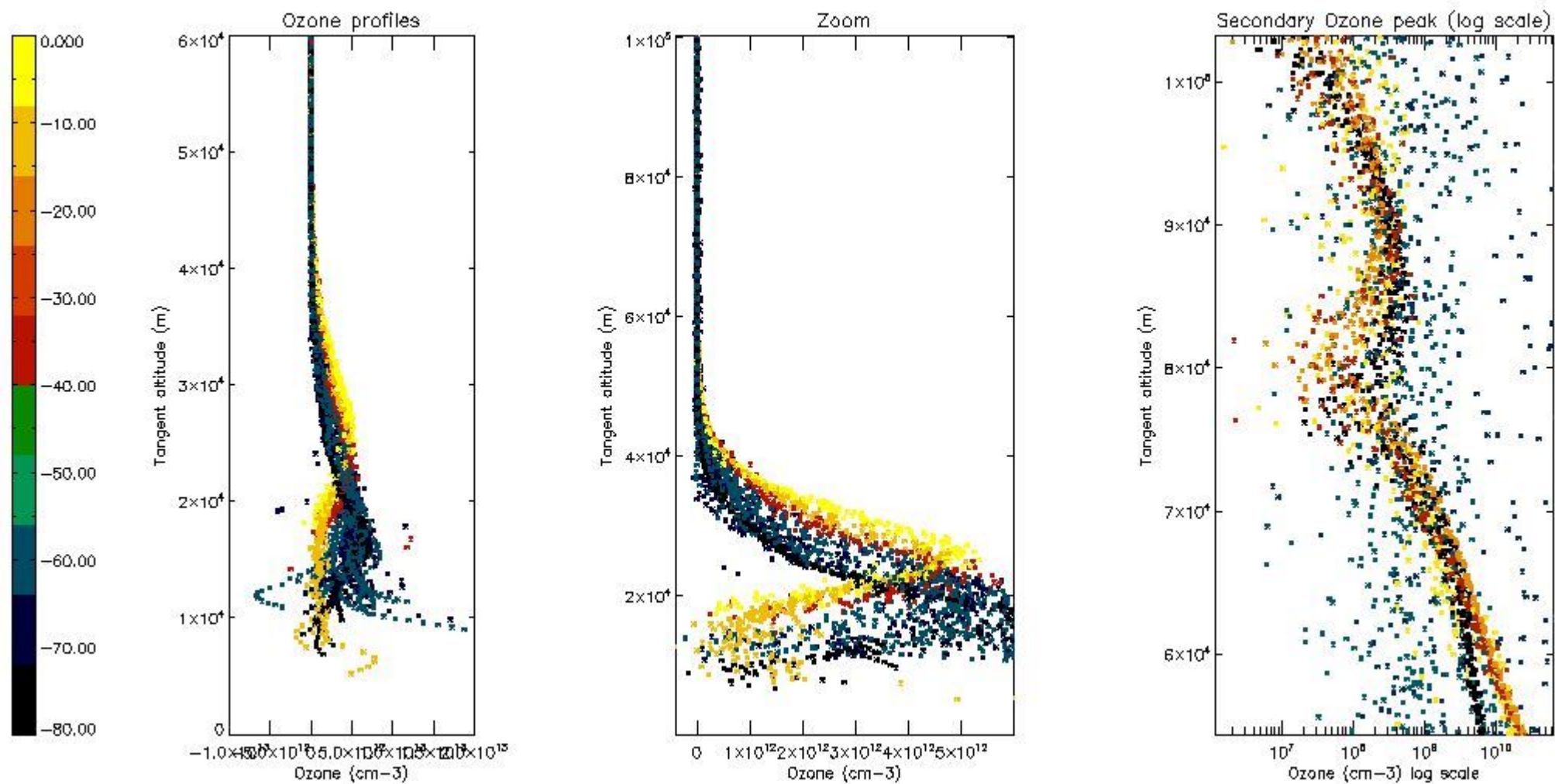
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	20
STD < 20	9

STD < 10	7
STD < 5	4

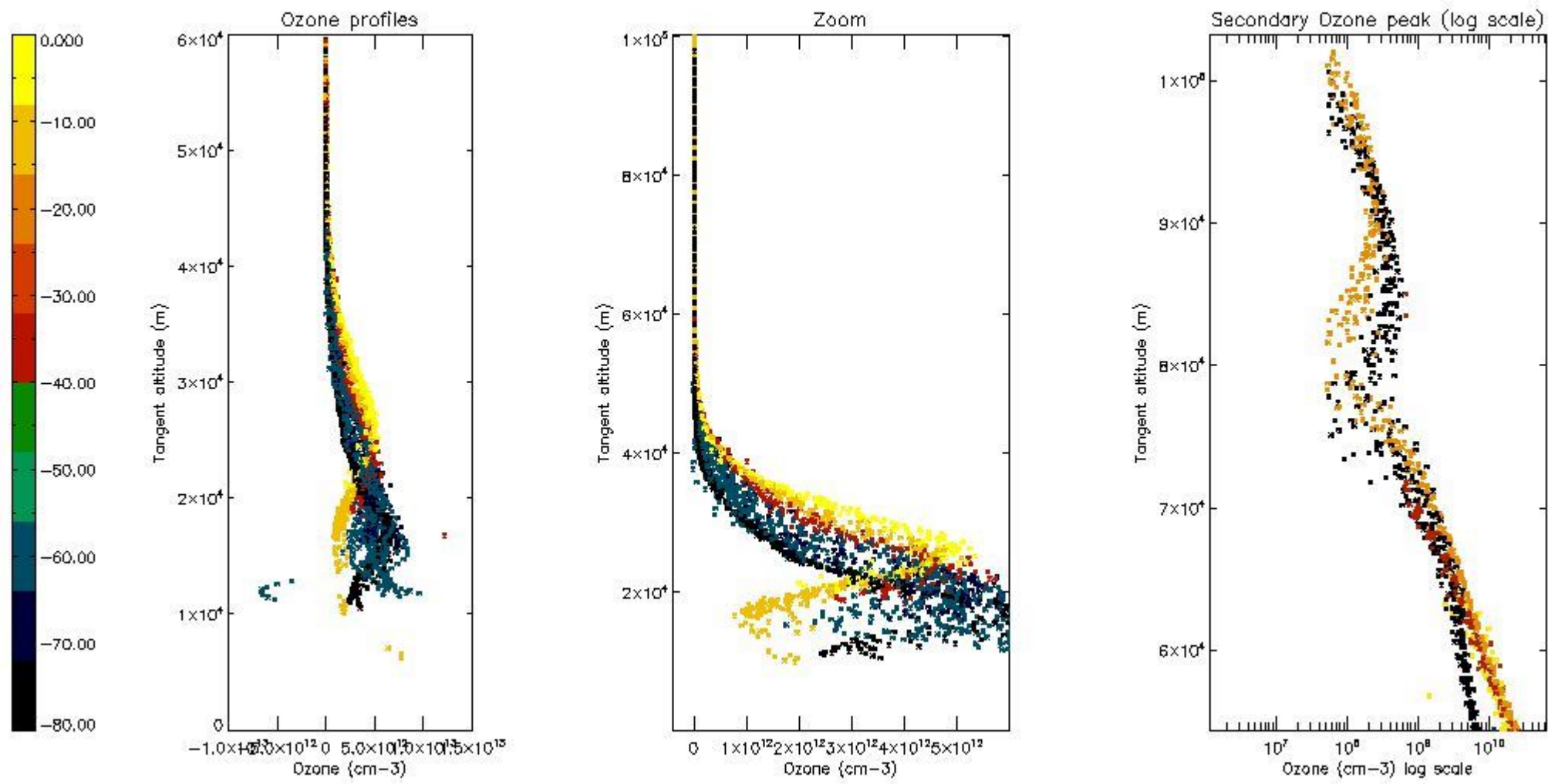
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



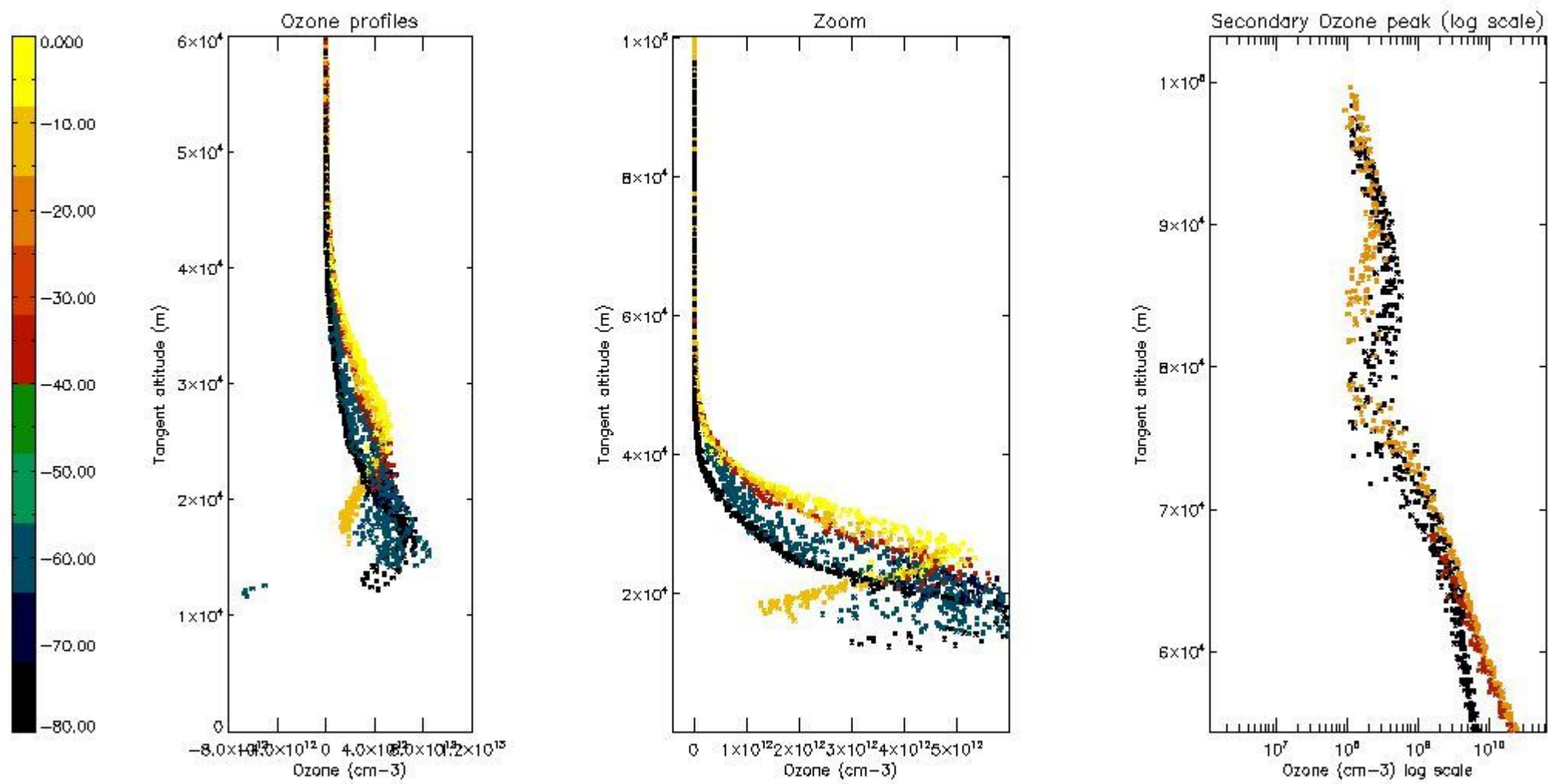
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



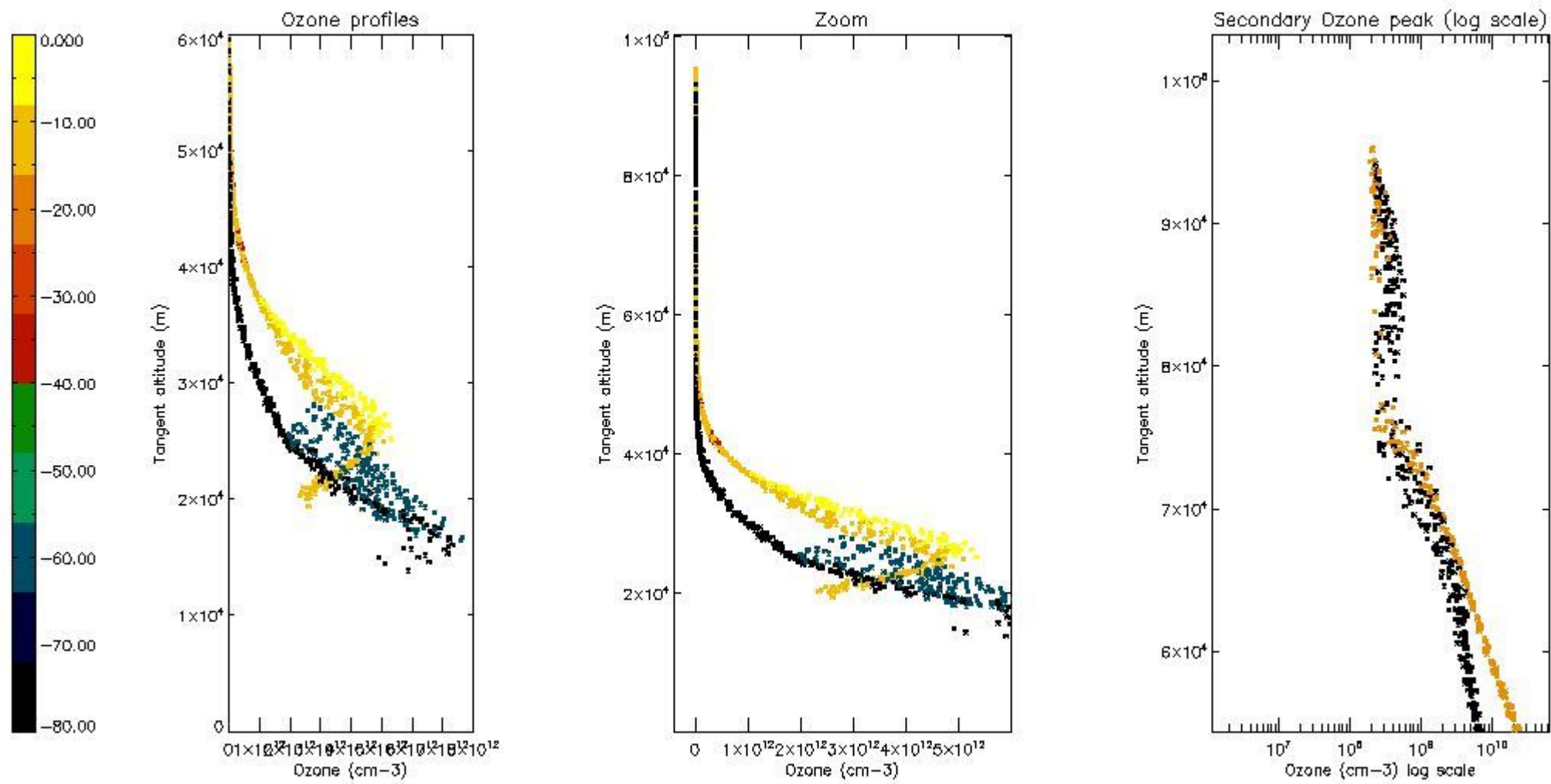
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



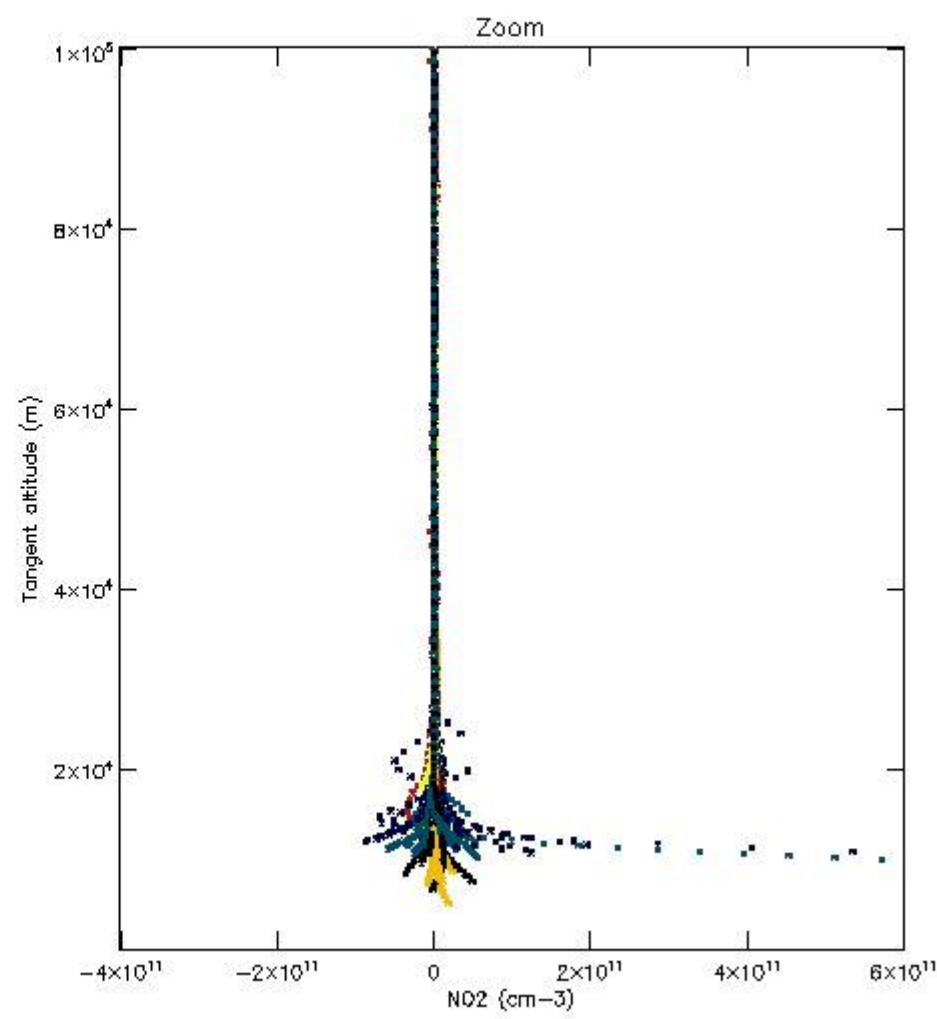
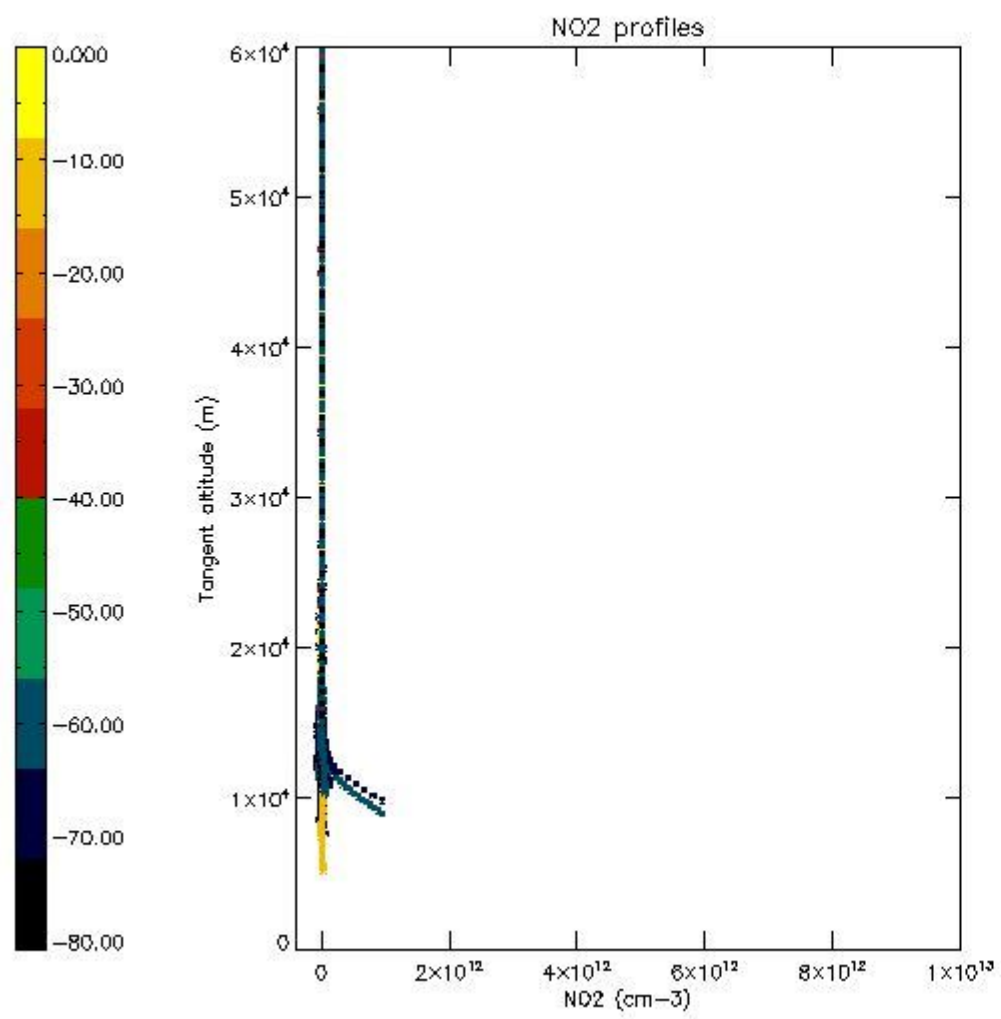
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



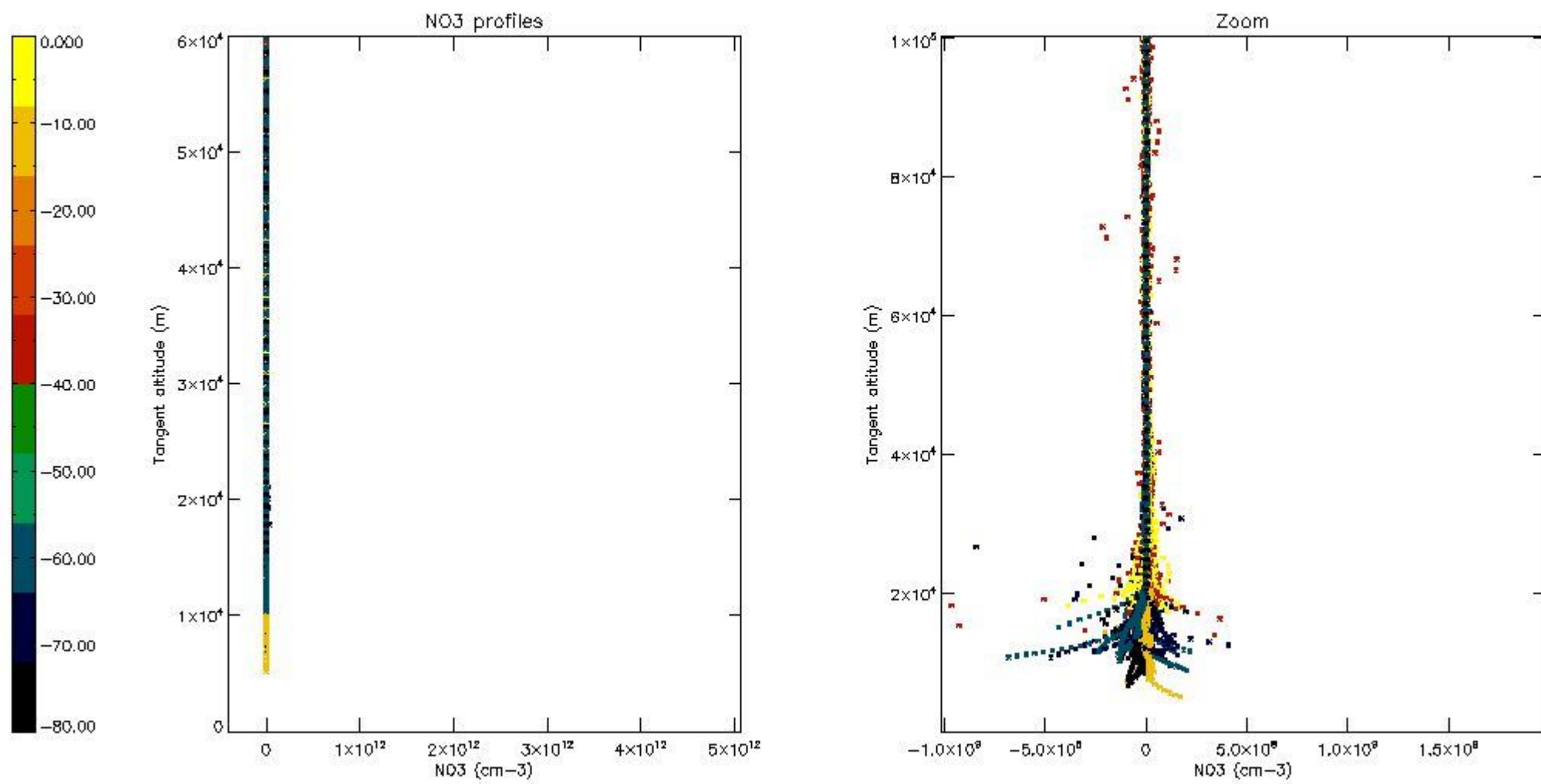
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



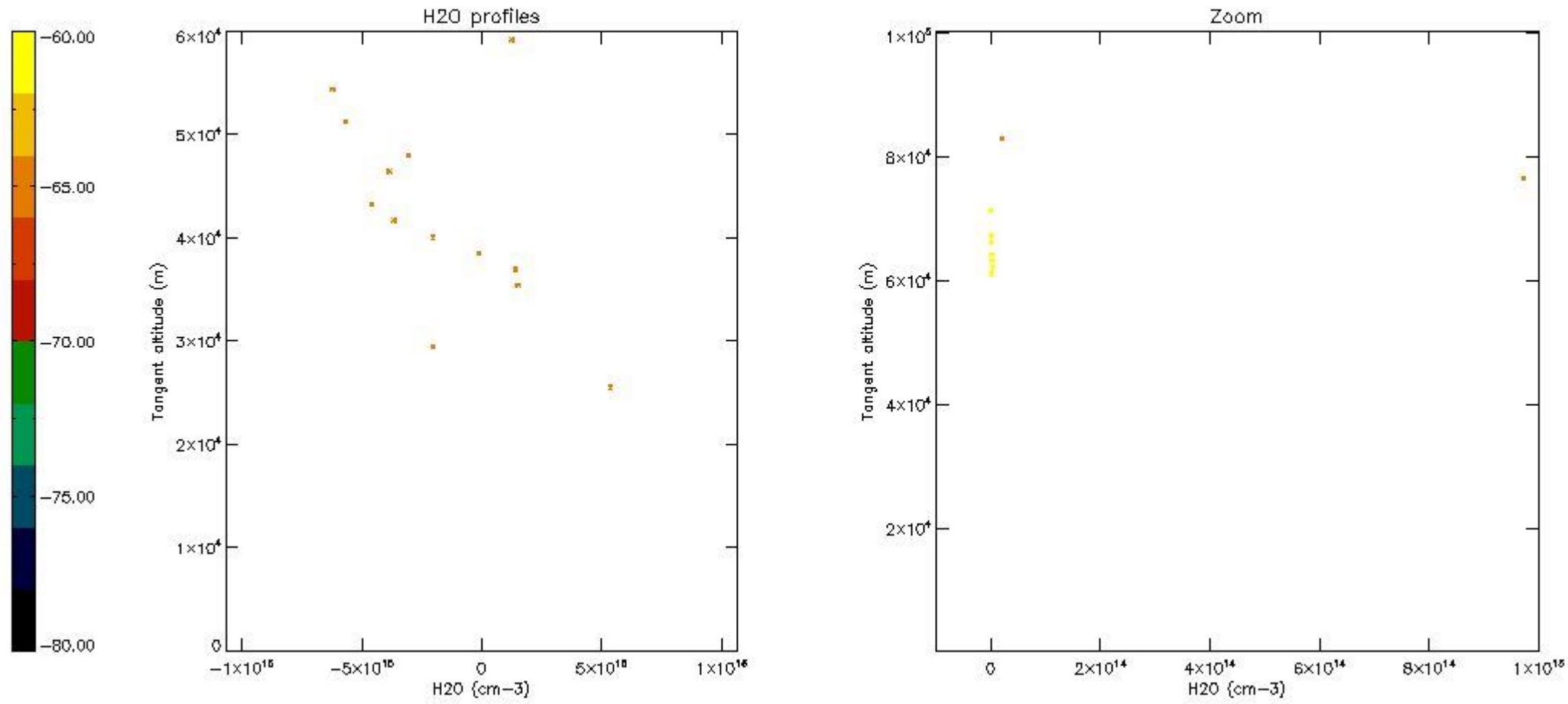
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-JUL-2004 00:03:09
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-JUL-2004 00:03:09
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-JUL-2004 00:03:09

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	19APR2013 05:59:34
Data source version	GOMOS/6.01
Start time of products	09-07-2004 (09JUL2004 00:00:00)
Stop time of products	10-07-2004 (10JUL2004 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	424
Nb of prods with errors	1

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__2PRFIN20040709_000309_000000402028_00245_12323_2541.N1	09-JUL-2004 00:03:09	Bright	39.500	49	1Alp UMi	1.9900	6300.0	79	12323	No
2	GOM_NL__2PRFIN20040709_000746_000000512028_00245_12323_2542.N1	09-JUL-2004 00:07:46	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	12323	No
3	GOM_NL__2PRFIN20040709_000945_000000462028_00245_12323_2543.N1	09-JUL-2004 00:09:45	Bright	45.500	110	37Del Cas	2.6780	8900.0	91	12323	No
4	GOM_NL__2PRFIN20040709_001320_000000422028_00245_12323_2544.N1	09-JUL-2004 00:13:20	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	12323	No
5	GOM_NL__2PRFIN20040709_001515_000000402028_00245_12323_2545.N1	09-JUL-2004 00:15:15	Bright	39.500	175	39Del Per	3.0100	19400.	79	12323	No
6	GOM_NL__2PRFIN20040709_001644_000000582028_00245_12323_2546.N1	09-JUL-2004 00:16:44	Bright	57.500	73	57Gam1And	2.2600	13100.	115	12323	No
7	GOM_NL__2PRFIN20040709_002004_000000432028_00245_12323_2547.N1	09-JUL-2004 00:20:04	Bright	43.000	150	44Zet Per	2.8900	28000.	86	12323	No
8	GOM_NL__2PRFIN20040709_002229_000000452028_00245_12323_2548.N1	09-JUL-2004 00:22:29	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	12323	No
9	GOM_NL__2PRFIN20040709_002434_000000712028_00245_12323_2549.N1	09-JUL-2004 00:24:34	Dark	70.500	50	13Alp Ari	2.0070	4250.0	141	12323	No
10	GOM_NL__2PRFIN20040709_003028_000000402028_00245_12323_2550.N1	09-JUL-2004 00:30:28	Dark	39.500	7	19Bet Ori	0.10000	14000.	79	12323	No
11	GOM_NL__2PRFIN20040709_003307_000000422028_00245_12323_2551.N1	09-JUL-2004 00:33:07	Dark	42.000	165	34Gam Eri	2.9500	3200.0	84	12323	No
12	GOM_NL__2PRFIN20040709_004802_000000442028_00246_12324_2521.N1	09-JUL-2004 00:48:02	Dark	43.500	9	Alp Eri	0.45300	24000.	87	12324	No
13	GOM_NL__2PRFIN20040709_005206_000000412028_00246_12324_2522.N1	09-JUL-2004 00:52:06	Dark	41.000	135	Bet Hyi	2.8200	5800.0	82	12324	No
14	GOM_NL__2PRFIN20040709_005621_000000672028_00246_12324_2523.N1	09-JUL-2004 00:56:21	Straylight	66.500	63	Bet Gru	2.1500	2800.0	133	12324	No
15	GOM_NL__2PRFIN20040709_005808_000000532028_00246_12324_2524.N1	09-JUL-2004 00:58:08	Straylight	53.000	31	Alp Gru	1.7340	15200.	106	12324	No
16	GOM_NL__2PRFIN20040709_005943_000000432028_00246_12324_2525.N1	09-JUL-2004 00:59:43	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	12324	No
17	GOM_NL__2PRFIN20040709_010256_000000452028_00246_12324_2526.N1	09-JUL-2004 01:02:56	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	12324	No
18	GOM_NL__2PRFIN20040709_010426_000000422028_00246_12324_2527.N1	09-JUL-2004 01:04:26	Twi_and_stray	41.500	147	Alp Ara	2.8770	26000.	83	12324	No
19	GOM_NL__2PRFIN20040709_010616_000000442028_00246_12324_2528.N1	09-JUL-2004 01:06:16	Twi_and_stray	43.500	40	The Sco	1.8590	7100.0	87	12324	No
20	GOM_NL__2PRFIN20040709_010756_000000432028_00246_12324_2529.N1	09-JUL-2004 01:07:56	Twi_and_stray	42.500	25	35Lam Sco	1.6200	28000.	85	12324	No
21	GOM_NL__2PRFIN20040709_010924_000000462028_00246_12324_2530.N1	09-JUL-2004 01:09:24	Bright	46.000	116	19Del Sgr	2.7000	4100.0	92	12324	No
22	GOM_NL__2PRFIN20040709_011208_000001082028_00246_12324_2531.N1	09-JUL-2004 01:12:08	Bright	107.50	142	49Del Cap	2.8500	8900.0	215	12324	No
23	GOM_NL__2PRFIN20040709_011556_000000402028_00246_12324_2532.N1	09-JUL-2004 01:15:56	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	12324	No
24	GOM_NL__2PRFIN20040709_011927_000000392028_00246_12324_2533.N1	09-JUL-2004 01:19:27	Bright	38.500	126	60Bet Oph	2.7700	4250.0	77	12324	No
25	GOM_NL__2PRFIN20040709_012145_000000392028_00246_12324_2534.N1	09-JUL-2004 01:21:45	Bright	39.000	59	55Alp Oph	2.0800	8900.0	78	12324	No
26	GOM_NL__2PRFIN20040709_012451_000000392028_00246_12324_2535.N1	09-JUL-2004 01:24:51	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	12324	No
27	GOM_NL__2PRFIN20040709_012726_000000412028_00246_12324_2536.N1	09-JUL-2004 01:27:26	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	12324	No
28	GOM_NL__2PRFIN20040709_012948_000000422028_00246_12324_2537.N1	09-JUL-2004 01:29:48	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	12324	No
29	GOM_NL__2PRFIN20040709_013254_000000382028_00246_12324_2538.N1	09-JUL-2004 01:32:54	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	12324	No
30	GOM_NL__2PRFIN20040709_013542_000000412028_00246_12324_2539.N1	09-JUL-2004 01:35:42	Bright	40.500	119	14Eta Dra	2.7270	4700.0	81	12324	No
31	GOM_NL__2PRFIN20040709_013953_000000412028_00246_12324_2540.N1	09-JUL-2004 01:39:53	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	12324	No
32	GOM_NL__2PRFIN20040709_014345_000000402028_00246_12324_2541.N1	09-JUL-2004 01:43:45	Bright	39.500	49	1Alp UMi	1.9900	6300.0	79	12324	No
33	GOM_NL__2PRFIN20040709_014821_000000512028_00246_12324_2542.N1	09-JUL-2004 01:48:21	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	12324	No
34	GOM_NL__2PRFIN20040709_015021_000000432028_00246_12324_2543.N1	09-JUL-2004 01:50:21	Bright	43.000	110	37Del Cas	2.6780	8900.0	86	12324	No
35	GOM_NL__2PRFIN20040709_015356_000000422028_00246_12324_2544.N1	09-JUL-2004 01:53:56	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	12324	No
36	GOM_NL__2PRFIN20040709_015548_000000412028_00246_12324_2545.N1	09-JUL-2004 01:55:48	Bright	40.500	175	39Del Per	3.0100	19400.	81	12324	No
37	GOM_NL__2PRFIN20040709_015719_000000592028_00246_12324_2546.N1	09-JUL-2004 01:57:19	Bright	58.500	73	57Gam1And	2.2600	13100.	117	12324	No
38	GOM_NL__2PRFIN20040709_020039_000000432028_00246_12324_2547.N1	09-JUL-2004 02:00:39	Bright	43.000	150	44Zet Per	2.8900	28000.	86	12324	No
39	GOM_NL__2PRFIN20040709_020305_000000462028_00246_12324_2548.N1	09-JUL-2004 02:03:05	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	12324	No
40	GOM_NL__2PRFIN20040709_020510_000000652028_00246_12324_2549.N1	09-JUL-2004 02:05:10	Dark	65.000	50	13Alp Ari	2.0070	4250.0	130	12324	No
41	GOM_NL__2PRFIN20040709_021105_000000372028_00246_12324_2550.N1	09-JUL-2004 02:11:05	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	12324	No
42	GOM_NL__2PRFIN20040709_021344_000000412028_00246_12324_2551.N1	09-JUL-2004 02:13:44	Dark	41.000	165	34Gam Eri	2.9500	3200.0	82	12324	No

43	GOM_NL__2PRFIN20040709_022227_000000462028_00246_12324_2552.N1	09-JUL-2004 02:22:27	Dark	45.500	157	The1Eri	2.9060	9300.0	91	12324	No
44	GOM_NL__2PRFIN20040709_022836_000000492028_00247_12325_2522.N1	09-JUL-2004 02:28:36	Dark	49.000	9	Alp Eri	0.45300	24000.	98	12325	No
45	GOM_NL__2PRFIN20040709_023243_000000412028_00247_12325_2523.N1	09-JUL-2004 02:32:43	Dark	41.000	135	Bet Hyi	2.8200	5800.0	82	12325	No
46	GOM_NL__2PRFIN20040709_023658_000000592028_00247_12325_2524.N1	09-JUL-2004 02:36:58	Straylight	58.500	63	Bet Gru	2.1500	2800.0	117	12325	No
47	GOM_NL__2PRFIN20040709_023844_000000522028_00247_12325_2525.N1	09-JUL-2004 02:38:44	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	12325	No
48	GOM_NL__2PRFIN20040709_024019_000000442028_00247_12325_2526.N1	09-JUL-2004 02:40:19	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	12325	No
49	GOM_NL__2PRFIN20040709_024332_000000412028_00247_12325_2527.N1	09-JUL-2004 02:43:32	Straylight	41.000	141	Bet Ara	2.8400	4600.0	82	12325	No
50	GOM_NL__2PRFIN20040709_024502_000000392028_00247_12325_2528.N1	09-JUL-2004 02:45:02	Twi_and_stray	39.000	147	Alp Ara	2.8770	26000.	78	12325	No
51	GOM_NL__2PRFIN20040709_024652_000000452028_00247_12325_2529.N1	09-JUL-2004 02:46:52	Twi_and_stray	44.500	40	The Sco	1.8590	7100.0	89	12325	No
52	GOM_NL__2PRFIN20040709_024832_000000412028_00247_12325_2530.N1	09-JUL-2004 02:48:32	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	12325	No
53	GOM_NL__2PRFIN20040709_025000_000000492028_00247_12325_2531.N1	09-JUL-2004 02:50:00	Bright	49.000	116	19Del Sgr	2.7000	4100.0	98	12325	No
54	GOM_NL__2PRFIN20040709_025244_000001042028_00247_12325_2532.N1	09-JUL-2004 02:52:44	Bright	104.00	142	49Del Cap	2.8500	8900.0	208	12325	No
55	GOM_NL__2PRFIN20040709_025632_000000392028_00247_12325_2533.N1	09-JUL-2004 02:56:32	Bright	38.500	98	13Zet Oph	2.5710	30000.	77	12325	No
56	GOM_NL__2PRFIN20040709_030004_000000392028_00247_12325_2534.N1	09-JUL-2004 03:00:04	Bright	39.000	126	60Bet Oph	2.7700	4250.0	78	12325	No
57	GOM_NL__2PRFIN20040709_030219_000000412028_00247_12325_2535.N1	09-JUL-2004 03:02:19	Bright	41.000	59	55Alp Oph	2.0800	8900.0	82	12325	No
58	GOM_NL__2PRFIN20040709_030527_000000372028_00247_12325_2536.N1	09-JUL-2004 03:05:27	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	12325	No
59	GOM_NL__2PRFIN20040709_030802_000000392028_00247_12325_2537.N1	09-JUL-2004 03:08:02	Bright	38.500	133	40Zet Her	2.8070	6000.0	77	12325	No
60	GOM_NL__2PRFIN20040709_031023_000000432028_00247_12325_2538.N1	09-JUL-2004 03:10:23	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	12325	No
61	GOM_NL__2PRFIN20040709_031330_000000402028_00247_12325_2539.N1	09-JUL-2004 03:13:30	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	12325	No
62	GOM_NL__2PRFIN20040709_031620_000000352028_00247_12325_2540.N1	09-JUL-2004 03:16:20	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	12325	No
63	GOM_NL__2PRFIN20040709_032029_000000372028_00247_12325_2541.N1	09-JUL-2004 03:20:29	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	12325	No
64	GOM_NL__2PRFIN20040709_032422_000000382028_00247_12325_2542.N1	09-JUL-2004 03:24:22	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	12325	No
65	GOM_NL__2PRFIN20040709_032856_000000522028_00247_12325_2543.N1	09-JUL-2004 03:28:56	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	12325	No
66	GOM_NL__2PRFIN20040709_033056_000000442028_00247_12325_2544.N1	09-JUL-2004 03:30:56	Bright	44.000	110	37Del Cas	2.6780	8900.0	88	12325	No
67	GOM_NL__2PRFIN20040709_033429_000000532028_00247_12325_2545.N1	09-JUL-2004 03:34:29	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	12325	No
68	GOM_NL__2PRFIN20040709_033626_000000392028_00247_12325_2546.N1	09-JUL-2004 03:36:26	Bright	38.500	175	39Del Per	3.0100	19400.	77	12325	No
69	GOM_NL__2PRFIN20040709_033755_000000582028_00247_12325_2547.N1	09-JUL-2004 03:37:55	Bright	57.500	73	57Gam1And	2.2600	13100.	115	12325	No
70	GOM_NL__2PRFIN20040709_034038_000000892028_00247_12325_2548.N1	09-JUL-2004 03:40:38	Twi_and_stray	88.500	53	43Bet And	2.0480	3300.0	177	12325	No
71	GOM_NL__2PRFIN20040709_034341_000000442028_00247_12325_2549.N1	09-JUL-2004 03:43:41	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	12325	No
72	GOM_NL__2PRFIN20040709_034546_000000682028_00247_12325_2550.N1	09-JUL-2004 03:45:46	Dark	68.000	50	13Alp Ari	2.0070	4250.0	136	12325	No
73	GOM_NL__2PRFIN20040709_035141_000000372028_00247_12325_2551.N1	09-JUL-2004 03:51:41	Dark	37.000	7	19Bet Ori	0.10000	14000.	74	12325	No
74	GOM_NL__2PRFIN20040709_035419_000000412028_00247_12325_2552.N1	09-JUL-2004 03:54:19	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	12325	No
75	GOM_NL__2PRFIN20040709_040304_000000432028_00247_12325_2553.N1	09-JUL-2004 04:03:04	Dark	43.000	157	The1Eri	2.9060	9300.0	86	12325	No
76	GOM_NL__2PRFIN20040709_040915_000000462028_00248_12326_2523.N1	09-JUL-2004 04:09:15	Dark	45.500	9	Alp Eri	0.45300	24000.	91	12326	No
77	GOM_NL__2PRFIN20040709_041319_000000392028_00248_12326_2524.N1	09-JUL-2004 04:13:19	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	12326	No
78	GOM_NL__2PRFIN20040709_041735_000000552028_00248_12326_2525.N1	09-JUL-2004 04:17:35	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	12326	No
79	GOM_NL__2PRFIN20040709_041921_000000522028_00248_12326_2526.N1	09-JUL-2004 04:19:21	Straylight	52.000	31	Alp Gru	1.7340	15200.	104	12326	No
80	GOM_NL__2PRFIN20040709_042056_000000452028_00248_12326_2527.N1	09-JUL-2004 04:20:56	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	12326	No
81	GOM_NL__2PRFIN20040709_042408_000000452028_00248_12326_2528.N1	09-JUL-2004 04:24:08	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	12326	No
82	GOM_NL__2PRFIN20040709_042539_000000392028_00248_12326_2529.N1	09-JUL-2004 04:25:39	Twi_and_stray	38.500	147	Alp Ara	2.8770	26000.	77	12326	No
83	GOM_NL__2PRFIN20040709_042728_000000412028_00248_12326_2530.N1	09-JUL-2004 04:27:28	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	12326	No
84	GOM_NL__2PRFIN20040709_042906_000000482028_00248_12326_2531.N1	09-JUL-2004 04:29:06	Twi_and_stray	47.500	25	35Lam Sco	1.6200	28000.	95	12326	No
85	GOM_NL__2PRFIN20040709_043037_000000472028_00248_12326_2532.N1	09-JUL-2004 04:30:37	Bright	47.000	116	19Del Sgr	2.7000	4100.0	94	12326	No
86	GOM_NL__2PRFIN20040709_043320_000001022028_00248_12326_2533.N1	09-JUL-2004 04:33:20	Bright	101.50	142	49Del Cap	2.8500	8900.0	203	12326	No
87	GOM_NL__2PRFIN20040709_043708_000000382028_00248_12326_2534.N1	09-JUL-2004 04:37:08	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	12326	No
88	GOM_NL__2PRFIN20040709_044040_000000392028_00248_12326_2535.N1	09-JUL-2004 04:40:40	Bright	38.500	126	60Bet Oph	2.7700	4250.0	77	12326	No
89	GOM_NL__2PRFIN20040709_044258_000000392028_00248_12326_2536.N1	09-JUL-2004 04:42:58	Bright	38.500	59	55Alp Oph	2.0800	8900.0	77	12326	No
90	GOM_NL__2PRFIN20040709_044603_000000382028_00248_12326_2537.N1	09-JUL-2004 04:46:03	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	12326	No
91	GOM_NL__2PRFIN20040709_044839_000000382028_00248_12326_2538.N1	09-JUL-2004 04:48:39	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	12326	No
92	GOM_NL__2PRFIN20040709_045059_000000432028_00248_12326_2539.N1	09-JUL-2004 04:50:59	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	12326	No
93	GOM_NL__2PRFIN20040709_045406_000000382028_00248_12326_2540.N1	09-JUL-2004 04:54:06	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	12326	No
94	GOM_NL__2PRFIN20040709_045657_000000352028_00248_12326_2541.N1	09-JUL-2004 04:56:57	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	12326	No
95	GOM_NL__2PRFIN20040709_050106_000000362028_00248_12326_2542.N1	09-JUL-2004 05:01:06	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	12326	No
96	GOM_NL__2PRFIN20040709_050459_000000382028_00248_12326_2543.N1	09-JUL-2004 05:04:59	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	12326	No
97	GOM_NL__2PRFIN20040709_050931_000000522028_00248_12326_2544.N1	09-JUL-2004 05:09:31	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	12326	No
98	GOM_NL__2PRFIN20040709_051131_000000512028_00248_12326_2545.N1	09-JUL-2004 05:11:31	Bright	50.500	110	37Del Cas	2.6780	8900.0	101	12326	No
99	GOM_NL__2PRFIN20040709_051507_000000522028_00248_12326_2546.N1	09-JUL-2004 05:15:07	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	12326	No
100	GOM_NL__2PRFIN20040709_051704_000000382028_00248_12326_2547.N1	09-JUL-2004 05:17:04	Bright	37.500	175	39Del Per	3.0100	19400.	75	12326	No
101	GOM_NL__2PRFIN20040709_051830_000000632028_00248_12326_2548.N1	09-JUL-2004 05:18:30	Bright	63.000	73	57Gam1And	2.2600	13100.	126	12326	No

102	GOM_NL__2PRFIN20040709_052114_000001032028_00248_12326_2549.N1	09-JUL-2004 05:21:14	Twilight	102.50	53	43Bet And	2.0480	3300.0	205	12326	No
103	GOM_NL__2PRFIN20040709_052419_000000422028_00248_12326_2550.N1	09-JUL-2004 05:24:19	Twilight	41.500	146	25Eta Tau	2.8730	15200.	83	12326	No
104	GOM_NL__2PRFIN20040709_052622_000000722028_00248_12326_2551.N1	09-JUL-2004 05:26:22	Dark	71.500	50	13Alp Ari	2.0070	4250.0	143	12326	No
105	GOM_NL__2PRFIN20040709_053217_000000372028_00248_12326_2552.N1	09-JUL-2004 05:32:17	Dark	36.500	7	19Bet Ori	0.10000	14000.	73	12326	No
106	GOM_NL__2PRFIN20040709_053457_000000452028_00248_12326_2553.N1	09-JUL-2004 05:34:57	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	12326	No
107	GOM_NL__2PRFIN20040709_054341_000000432028_00248_12326_2554.N1	09-JUL-2004 05:43:41	Dark	42.500	157	The1Eri	2.9060	9300.0	85	12326	No
108	GOM_NL__2PRFIN20040709_054952_000000522028_00249_12327_2524.N1	09-JUL-2004 05:49:52	Dark	52.000	9	Alp Eri	0.45300	24000.	104	12327	No
109	GOM_NL__2PRFIN20040709_055356_000000392028_00249_12327_2525.N1	09-JUL-2004 05:53:56	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	12327	No
110	GOM_NL__2PRFIN20040709_055812_000000542028_00249_12327_2526.N1	09-JUL-2004 05:58:12	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	12327	No
111	GOM_NL__2PRFIN20040709_055958_000000512028_00249_12327_2527.N1	09-JUL-2004 05:59:58	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	12327	No
112	GOM_NL__2PRFIN20040709_060133_000000432028_00249_12327_2528.N1	09-JUL-2004 06:01:33	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	12327	No
113	GOM_NL__2PRFIN20040709_060444_000000422028_00249_12327_2529.N1	09-JUL-2004 06:04:44	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	12327	No
114	GOM_NL__2PRFIN20040709_060615_000000392028_00249_12327_2530.N1	09-JUL-2004 06:06:15	Twilight	38.500	147	Alp Ara	2.8770	26000.	77	12327	No
115	GOM_NL__2PRFIN20040709_060805_000000442028_00249_12327_2531.N1	09-JUL-2004 06:08:05	Twilight	43.500	40	The Sco	1.8590	7100.0	87	12327	No
116	GOM_NL__2PRFIN20040709_060945_000000442028_00249_12327_2532.N1	09-JUL-2004 06:09:45	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	12327	No
117	GOM_NL__2PRFIN20040709_061114_000000442028_00249_12327_2533.N1	09-JUL-2004 06:11:14	Bright	43.500	116	19Del Sgr	2.7000	4100.0	87	12327	No
118	GOM_NL__2PRFIN20040709_061355_000001102028_00249_12327_2534.N1	09-JUL-2004 06:13:55	Bright	109.50	142	49Del Cap	2.8500	8900.0	219	12327	No
119	GOM_NL__2PRFIN20040709_061744_000000382028_00249_12327_2535.N1	09-JUL-2004 06:17:44	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	12327	No
120	GOM_NL__2PRFIN20040709_062117_000000372028_00249_12327_2536.N1	09-JUL-2004 06:21:17	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	12327	No
121	GOM_NL__2PRFIN20040709_062334_000000382028_00249_12327_2537.N1	09-JUL-2004 06:23:34	Bright	38.000	59	55Alp Oph	2.0800	8900.0	76	12327	No
122	GOM_NL__2PRFIN20040709_062640_000000372028_00249_12327_2538.N1	09-JUL-2004 06:26:40	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	12327	No
123	GOM_NL__2PRFIN20040709_062915_000000382028_00249_12327_2539.N1	09-JUL-2004 06:29:15	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	12327	No
124	GOM_NL__2PRFIN20040709_063135_000000452028_00249_12327_2540.N1	09-JUL-2004 06:31:35	Bright	45.000	5	3Alp Lyr	0.033000	11000.	90	12327	No
125	GOM_NL__2PRFIN20040709_063442_000000412028_00249_12327_2541.N1	09-JUL-2004 06:34:42	Bright	40.500	69	33Gam Dra	2.2310	3800.0	81	12327	No
126	GOM_NL__2PRFIN20040709_063734_000000372028_00249_12327_2542.N1	09-JUL-2004 06:37:34	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	12327	No
127	GOM_NL__2PRFIN20040709_064143_000000392028_00249_12327_2543.N1	09-JUL-2004 06:41:43	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	12327	No
128	GOM_NL__2PRFIN20040709_064536_000000362028_00249_12327_2544.N1	09-JUL-2004 06:45:36	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	12327	No
129	GOM_NL__2PRFIN20040709_065006_000000512028_00249_12327_2545.N1	09-JUL-2004 06:50:06	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	12327	No
130	GOM_NL__2PRFIN20040709_065208_000000652028_00249_12327_2546.N1	09-JUL-2004 06:52:08	Bright	65.000	110	37Del Cas	2.6780	8900.0	130	12327	No
131	GOM_NL__2PRFIN20040709_065544_000000422028_00249_12327_2547.N1	09-JUL-2004 06:55:44	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	12327	No
132	GOM_NL__2PRFIN20040709_065738_000000392028_00249_12327_2548.N1	09-JUL-2004 06:57:38	Bright	38.500	175	39Del Per	3.0100	19400.	77	12327	No
133	GOM_NL__2PRFIN20040709_065906_000000602028_00249_12327_2549.N1	09-JUL-2004 06:59:06	Bright	59.500	73	57Gam1And	2.2600	13100.	119	12327	No
134	GOM_NL__2PRFIN20040709_070149_000000892028_00249_12327_2550.N1	09-JUL-2004 07:01:49	Twilight	88.500	53	43Bet And	2.0480	3300.0	177	12327	No
135	GOM_NL__2PRFIN20040709_070455_000000392028_00249_12327_2551.N1	09-JUL-2004 07:04:55	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	12327	No
136	GOM_NL__2PRFIN20040709_070659_000000742028_00249_12327_2552.N1	09-JUL-2004 07:06:59	Dark	73.500	50	13Alp Ari	2.0070	4250.0	147	12327	No
137	GOM_NL__2PRFIN20040709_071253_000000422028_00249_12327_2553.N1	09-JUL-2004 07:12:53	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	12327	No
138	GOM_NL__2PRFIN20040709_071533_000000492028_00249_12327_2554.N1	09-JUL-2004 07:15:33	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	12327	No
139	GOM_NL__2PRFIN20040709_072418_000000422028_00249_12327_2555.N1	09-JUL-2004 07:24:18	Dark	42.000	157	The1Eri	2.9060	9300.0	84	12327	No
140	GOM_NL__2PRFIN20040709_073029_000000462028_00250_12328_2545.N1	09-JUL-2004 07:30:29	Dark	46.000	9	Alp Eri	0.45300	24000.	92	12328	No
141	GOM_NL__2PRFIN20040709_073432_000000402028_00250_12328_2546.N1	09-JUL-2004 07:34:32	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	12328	No
142	GOM_NL__2PRFIN20040709_073849_000000682028_00250_12328_2547.N1	09-JUL-2004 07:38:49	Straylight	67.500	63	Bet Gru	2.1500	2800.0	135	12328	No
143	GOM_NL__2PRFIN20040709_074035_000000492028_00250_12328_2548.N1	09-JUL-2004 07:40:35	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	12328	No
144	GOM_NL__2PRFIN20040709_074209_000000422028_00250_12328_2549.N1	09-JUL-2004 07:42:09	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	12328	No
145	GOM_NL__2PRFIN20040709_074520_000000432028_00250_12328_2550.N1	09-JUL-2004 07:45:20	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	12328	No
146	GOM_NL__2PRFIN20040709_074651_000000402028_00250_12328_2551.N1	09-JUL-2004 07:46:51	Twilight	40.000	147	Alp Ara	2.8770	26000.	80	12328	No
147	GOM_NL__2PRFIN20040709_074841_000000442028_00250_12328_2552.N1	09-JUL-2004 07:48:41	Twilight	43.500	40	The Sco	1.8590	7100.0	87	12328	No
148	GOM_NL__2PRFIN20040709_075021_000000442028_00250_12328_2553.N1	09-JUL-2004 07:50:21	Twilight	43.500	25	35Lam Sco	1.6200	28000.	87	12328	No
149	GOM_NL__2PRFIN20040709_075150_000000492028_00250_12328_2554.N1	09-JUL-2004 07:51:50	Bright	49.000	116	19Del Sgr	2.7000	4100.0	98	12328	No
150	GOM_NL__2PRFIN20040709_075431_000001082028_00250_12328_2555.N1	09-JUL-2004 07:54:31	Bright	108.00	142	49Del Cap	2.8500	8900.0	216	12328	No
151	GOM_NL__2PRFIN20040709_075820_000000382028_00250_12328_2556.N1	09-JUL-2004 07:58:20	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	12328	No
152	GOM_NL__2PRFIN20040709_080153_000000372028_00250_12328_2557.N1	09-JUL-2004 08:01:53	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	12328	No
153	GOM_NL__2PRFIN20040709_080410_000000392028_00250_12328_2558.N1	09-JUL-2004 08:04:10	Bright	38.500	59	55Alp Oph	2.0800	8900.0	77	12328	No
154	GOM_NL__2PRFIN20040709_080716_000000392028_00250_12328_2559.N1	09-JUL-2004 08:07:16	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	12328	No
155	GOM_NL__2PRFIN20040709_080951_000000372028_00250_12328_2560.N1	09-JUL-2004 08:09:51	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	12328	No
156	GOM_NL__2PRFIN20040709_081211_000000392028_00250_12328_2561.N1	09-JUL-2004 08:12:11	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	12328	No
157	GOM_NL__2PRFIN20040709_081518_000000402028_00250_12328_2562.N1	09-JUL-2004 08:15:18	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	12328	No
158	GOM_NL__2PRFIN20040709_081810_000000372028_00250_12328_2563.N1	09-JUL-2004 08:18:10	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	12328	No
159	GOM_NL__2PRFIN20040709_082218_000000392028_00250_12328_2564.N1	09-JUL-2004 08:22:18	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	12328	No
160	GOM_NL__2PRFIN20040709_082612_000000352028_00250_12328_2565.N1	09-JUL-2004 08:26:12	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	12328	No

161	GOM_NL__2PRFIN20040709_083042_000000502028_00250_12328_2566.N1	09-JUL-2004 08:30:42	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	12328	No
162	GOM_NL__2PRFIN20040709_083243_000000452028_00250_12328_2567.N1	09-JUL-2004 08:32:43	Bright	45.000	110	37Del Cas	2.6780	8900.0	90	12328	No
163	GOM_NL__2PRFIN20040709_083619_000000542028_00250_12328_2568.N1	09-JUL-2004 08:36:19	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	12328	No
164	GOM_NL__2PRFIN20040709_083814_000000392028_00250_12328_2569.N1	09-JUL-2004 08:38:14	Bright	38.500	175	39Del Per	3.0100	19400.	77	12328	No
165	GOM_NL__2PRFIN20040709_083943_000000642028_00250_12328_2570.N1	09-JUL-2004 08:39:43	Bright	63.500	73	57Gam1And	2.2600	13100.	127	12328	No
166	GOM_NL__2PRFIN20040709_084226_000000912028_00250_12328_2571.N1	09-JUL-2004 08:42:26	Twi_and_stray	91.000	53	43Bet And	2.0480	3300.0	182	12328	No
167	GOM_NL__2PRFIN20040709_084531_000000402028_00250_12328_2572.N1	09-JUL-2004 08:45:31	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	12328	No
168	GOM_NL__2PRFIN20040709_084736_000000712028_00250_12328_2573.N1	09-JUL-2004 08:47:36	Dark	71.000	50	13Alp Ari	2.0070	4250.0	142	12328	No
169	GOM_NL__2PRFIN20040709_085329_000000482028_00250_12328_2574.N1	09-JUL-2004 08:53:29	Dark	48.000	7	19Bet Ori	0.10000	14000.	96	12328	No
170	GOM_NL__2PRFIN20040709_085609_000000462028_00250_12328_2575.N1	09-JUL-2004 08:56:09	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	12328	No
171	GOM_NL__2PRFIN20040709_090454_000000432028_00250_12328_2576.N1	09-JUL-2004 09:04:54	Dark	43.000	157	The1Eri	2.9060	9300.0	86	12328	No
172	GOM_NL__2PRFIN20040709_091105_000000442028_00251_12329_2546.N1	09-JUL-2004 09:11:05	Dark	43.500	9	Alp Eri	0.45300	24000.	87	12329	No
173	GOM_NL__2PRFIN20040709_091508_000000402028_00251_12329_2547.N1	09-JUL-2004 09:15:08	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	12329	No
174	GOM_NL__2PRFIN20040709_091926_000000672028_00251_12329_2548.N1	09-JUL-2004 09:19:26	Straylight	67.000	63	Bet Gru	2.1500	2800.0	134	12329	No
175	GOM_NL__2PRFIN20040709_092111_000000502028_00251_12329_2549.N1	09-JUL-2004 09:21:11	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	12329	No
176	GOM_NL__2PRFIN20040709_092245_000000462028_00251_12329_2550.N1	09-JUL-2004 09:22:45	Straylight	45.500	45	Alp Pav	1.9400	26000.	91	12329	No
177	GOM_NL__2PRFIN20040709_092556_000000432028_00251_12329_2551.N1	09-JUL-2004 09:25:56	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	12329	No
178	GOM_NL__2PRFIN20040709_092726_000000412028_00251_12329_2552.N1	09-JUL-2004 09:27:26	Twi_and_stray	40.500	147	Alp Ara	2.8770	26000.	81	12329	No
179	GOM_NL__2PRFIN20040709_092917_000000452028_00251_12329_2553.N1	09-JUL-2004 09:29:17	Twi_and_stray	44.500	40	The Sco	1.8590	7100.0	89	12329	No
180	GOM_NL__2PRFIN20040709_093057_000000442028_00251_12329_2554.N1	09-JUL-2004 09:30:57	Twi_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	12329	No
181	GOM_NL__2PRFIN20040709_093226_000000472028_00251_12329_2555.N1	09-JUL-2004 09:32:26	Bright	47.000	116	19Del Sgr	2.7000	4100.0	94	12329	No
182	GOM_NL__2PRFIN20040709_093508_000001062028_00251_12329_2556.N1	09-JUL-2004 09:35:08	Bright	106.00	142	49Del Cap	2.8500	8900.0	212	12329	No
183	GOM_NL__2PRFIN20040709_093856_000000382028_00251_12329_2557.N1	09-JUL-2004 09:38:56	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	12329	No
184	GOM_NL__2PRFIN20040709_094229_000000372028_00251_12329_2558.N1	09-JUL-2004 09:42:29	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	12329	No
185	GOM_NL__2PRFIN20040709_094446_000000382028_00251_12329_2559.N1	09-JUL-2004 09:44:46	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	12329	No
186	GOM_NL__2PRFIN20040709_094752_000000382028_00251_12329_2560.N1	09-JUL-2004 09:47:52	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	12329	No
187	GOM_NL__2PRFIN20040709_095027_000000362028_00251_12329_2561.N1	09-JUL-2004 09:50:27	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	12329	No
188	GOM_NL__2PRFIN20040709_095246_000000452028_00251_12329_2562.N1	09-JUL-2004 09:52:46	Bright	44.500	5	3Alp Lyr	0.033000	11000.	89	12329	No
189	GOM_NL__2PRFIN20040709_095554_000000402028_00251_12329_2563.N1	09-JUL-2004 09:55:54	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	12329	No
190	GOM_NL__2PRFIN20040709_095845_000000382028_00251_12329_2564.N1	09-JUL-2004 09:58:45	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	12329	No
191	GOM_NL__2PRFIN20040709_100254_000000372028_00251_12329_2565.N1	09-JUL-2004 10:02:54	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	12329	No
192	GOM_NL__2PRFIN20040709_100647_000000392028_00251_12329_2566.N1	09-JUL-2004 10:06:47	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	12329	No
193	GOM_NL__2PRFIN20040709_101118_000000502028_00251_12329_2567.N1	09-JUL-2004 10:11:18	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	12329	No
194	GOM_NL__2PRFIN20040709_101319_000000442028_00251_12329_2568.N1	09-JUL-2004 10:13:19	Bright	44.000	110	37Del Cas	2.6780	8900.0	88	12329	No
195	GOM_NL__2PRFIN20040709_101655_000000432028_00251_12329_2569.N1	09-JUL-2004 10:16:55	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	12329	No
196	GOM_NL__2PRFIN20040709_101850_000000402028_00251_12329_2570.N1	09-JUL-2004 10:18:50	Bright	39.500	175	39Del Per	3.0100	19400.	79	12329	No
197	GOM_NL__2PRFIN20040709_102019_000000582028_00251_12329_2571.N1	09-JUL-2004 10:20:19	Bright	57.500	73	57Gam1And	2.2600	13100.	115	12329	No
198	GOM_NL__2PRFIN20040709_102302_000001062028_00251_12329_2572.N1	09-JUL-2004 10:23:02	Twi_and_stray	106.00	53	43Bet And	2.0480	3300.0	212	12329	No
199	GOM_NL__2PRFIN20040709_102606_000000432028_00251_12329_2573.N1	09-JUL-2004 10:26:06	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	12329	No
200	GOM_NL__2PRFIN20040709_102813_000000722028_00251_12329_2574.N1	09-JUL-2004 10:28:13	Dark	71.500	50	13Alp Ari	2.0070	4250.0	143	12329	No
201	GOM_NL__2PRFIN20040709_103405_000000472028_00251_12329_2575.N1	09-JUL-2004 10:34:05	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	12329	No
202	GOM_NL__2PRFIN20040709_103645_000000462028_00251_12329_2576.N1	09-JUL-2004 10:36:45	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	12329	No
203	GOM_NL__2PRFIN20040709_104530_000000422028_00251_12329_2577.N1	09-JUL-2004 10:45:30	Dark	41.500	157	The1Eri	2.9060	9300.0	83	12329	No
204	GOM_NL__2PRFIN20040709_105141_000000462028_00252_12330_2547.N1	09-JUL-2004 10:51:41	Dark	46.000	9	Alp Eri	0.45300	24000.	92	12330	No
205	GOM_NL__2PRFIN20040709_105544_000000392028_00252_12330_2548.N1	09-JUL-2004 10:55:44	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	12330	No
206	GOM_NL__2PRFIN20040709_110002_000000612028_00252_12330_2549.N1	09-JUL-2004 11:00:02	Straylight	60.500	63	Bet Gru	2.1500	2800.0	121	12330	No
207	GOM_NL__2PRFIN20040709_110304_000000922028_00252_12330_2550.N1	09-JUL-2004 11:03:04	Straylight	91.500	18	24Alp PsA	1.1660	9700.0	183	12330	No
208	GOM_NL__2PRFIN20040709_110632_000000402028_00252_12330_2551.N1	09-JUL-2004 11:06:32	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	12330	No
209	GOM_NL__2PRFIN20040709_110803_000000382028_00252_12330_2552.N1	09-JUL-2004 11:08:03	Twi_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	12330	No
210	GOM_NL__2PRFIN20040709_110953_000000462028_00252_12330_2553.N1	09-JUL-2004 11:09:53	Twi_and_stray	46.000	40	The Sco	1.8590	7100.0	92	12330	No
211	GOM_NL__2PRFIN20040709_111133_000000442028_00252_12330_2554.N1	09-JUL-2004 11:11:33	Twi_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	12330	No
212	GOM_NL__2PRFIN20040709_111337_000000412028_00252_12330_2555.N1	09-JUL-2004 11:13:37	Bright	41.000	57	34Sig Sgr	2.0660	26000.	82	12330	No
213	GOM_NL__2PRFIN20040709_111543_000001052028_00252_12330_2556.N1	09-JUL-2004 11:15:43	Bright	104.50	142	49Del Cap	2.8500	8900.0	209	12330	No
214	GOM_NL__2PRFIN20040709_112305_000000372028_00252_12330_2557.N1	09-JUL-2004 11:23:05	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	12330	No
215	GOM_NL__2PRFIN20040709_112522_000000402028_00252_12330_2558.N1	09-JUL-2004 11:25:22	Bright	39.500	59	55Alp Oph	2.0800	8900.0	79	12330	No
216	GOM_NL__2PRFIN20040709_112828_000000382028_00252_12330_2559.N1	09-JUL-2004 11:28:28	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	12330	No
217	GOM_NL__2PRFIN20040709_113103_000000382028_00252_12330_2560.N1	09-JUL-2004 11:31:03	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	12330	No
218	GOM_NL__2PRFIN20040709_113322_000000442028_00252_12330_2561.N1	09-JUL-2004 11:33:22	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	12330	No
219	GOM_NL__2PRFIN20040709_113629_000000432028_00252_12330_2562.N1	09-JUL-2004 11:36:29	Bright	42.500	69	33Gam Dra	2.2310	3800.0	85	12330	No

220	GOM_NL__2PRFIN20040709_113920_000000392028_00252_12330_2563.N1	09-JUL-2004 11:39:20	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	12330	No
221	GOM_NL__2PRFIN20040709_114330_000000402028_00252_12330_2564.N1	09-JUL-2004 11:43:30	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	12330	No
222	GOM_NL__2PRFIN20040709_114723_000000392028_00252_12330_2565.N1	09-JUL-2004 11:47:23	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	12330	No
223	GOM_NL__2PRFIN20040709_115153_000000512028_00252_12330_2566.N1	09-JUL-2004 11:51:53	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	12330	No
224	GOM_NL__2PRFIN20040709_115354_000000442028_00252_12330_2567.N1	09-JUL-2004 11:53:54	Bright	43.500	110	37Del Cas	2.6780	8900.0	87	12330	No
225	GOM_NL__2PRFIN20040709_115730_000000422028_00252_12330_2568.N1	09-JUL-2004 11:57:30	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	12330	No
226	GOM_NL__2PRFIN20040709_115926_000000402028_00252_12330_2569.N1	09-JUL-2004 11:59:26	Bright	39.500	175	39Del Per	3.0100	19400.	79	12330	No
227	GOM_NL__2PRFIN20040709_120054_000000602028_00252_12330_2570.N1	09-JUL-2004 12:00:54	Bright	59.500	73	57Gam1And	2.2600	13100.	119	12330	No
228	GOM_NL__2PRFIN20040709_120416_000000462028_00252_12330_2571.N1	09-JUL-2004 12:04:16	Bright	46.000	150	44Zet Per	2.8900	28000.	92	12330	No
229	GOM_NL__2PRFIN20040709_120643_000000462028_00252_12330_2572.N1	09-JUL-2004 12:06:43	Twilight	45.500	146	25Eta Tau	2.8730	15200.	91	12330	No
230	GOM_NL__2PRFIN20040709_120849_000000722028_00252_12330_2573.N1	09-JUL-2004 12:08:49	Dark	72.000	50	13Alp Ari	2.0070	4250.0	144	12330	No
231	GOM_NL__2PRFIN20040709_121440_000000472028_00252_12330_2574.N1	09-JUL-2004 12:14:40	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	12330	No
232	GOM_NL__2PRFIN20040709_121721_000000482028_00252_12330_2575.N1	09-JUL-2004 12:17:21	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	12330	No
233	GOM_NL__2PRFIN20040709_122607_000000402028_00252_12330_2576.N1	09-JUL-2004 12:26:07	Dark	40.000	157	The1Eri	2.9060	9300.0	80	12330	No
234	GOM_NL__2PRFIN20040709_123217_000000442028_00253_12331_2548.N1	09-JUL-2004 12:32:17	Dark	43.500	9	Alp Eri	0.45300	24000.	87	12331	No
235	GOM_NL__2PRFIN20040709_123619_000000402028_00253_12331_2549.N1	09-JUL-2004 12:36:19	Dark	40.000	135	Bet Hyi	2.8200	5800.0	80	12331	No
236	GOM_NL__2PRFIN20040709_124039_000000632028_00253_12331_2550.N1	09-JUL-2004 12:40:39	Straylight	62.500	63	Bet Gru	2.1500	2800.0	125	12331	No
237	GOM_NL__2PRFIN20040709_124341_000000892028_00253_12331_2551.N1	09-JUL-2004 12:43:41	Straylight	89.000	18	24Alp PsA	1.1660	9700.0	178	12331	No
238	GOM_NL__2PRFIN20040709_124708_000000452028_00253_12331_2552.N1	09-JUL-2004 12:47:08	Straylight	45.000	141	Bet Ara	2.8400	4600.0	90	12331	No
239	GOM_NL__2PRFIN20040709_124839_000000392028_00253_12331_2553.N1	09-JUL-2004 12:48:39	Twi_and_stray	38.500	147	Alp Ara	2.8770	26000.	77	12331	No
240	GOM_NL__2PRFIN20040709_125029_000000452028_00253_12331_2554.N1	09-JUL-2004 12:50:29	Twi_and_stray	44.500	40	The Sco	1.8590	7100.0	89	12331	No
241	GOM_NL__2PRFIN20040709_125206_000000442028_00253_12331_2555.N1	09-JUL-2004 12:52:06	Twi_and_stray	44.000	25	35Lam Sco	1.6200	28000.	88	12331	No
242	GOM_NL__2PRFIN20040709_125413_000000412028_00253_12331_2556.N1	09-JUL-2004 12:54:13	Bright	41.000	57	34Sig Sgr	2.0660	26000.	82	12331	No
243	GOM_NL__2PRFIN20040709_125619_000001062028_00253_12331_2557.N1	09-JUL-2004 12:56:19	Bright	105.50	142	49Del Cap	2.8500	8900.0	211	12331	No
244	GOM_NL__2PRFIN20040709_130340_000000372028_00253_12331_2558.N1	09-JUL-2004 13:03:40	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	12331	No
245	GOM_NL__2PRFIN20040709_130557_000000382028_00253_12331_2559.N1	09-JUL-2004 13:05:57	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	12331	No
246	GOM_NL__2PRFIN20040709_130904_000000402028_00253_12331_2560.N1	09-JUL-2004 13:09:04	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	12331	No
247	GOM_NL__2PRFIN20040709_131137_000000412028_00253_12331_2561.N1	09-JUL-2004 13:11:37	Bright	40.500	133	40Zet Her	2.8070	6000.0	81	12331	No
248	GOM_NL__2PRFIN20040709_131357_000000402028_00253_12331_2562.N1	09-JUL-2004 13:13:57	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	12331	No
249	GOM_NL__2PRFIN20040709_131704_000000432028_00253_12331_2563.N1	09-JUL-2004 13:17:04	Bright	42.500	69	33Gam Dra	2.2310	3800.0	85	12331	No
250	GOM_NL__2PRFIN20040709_131955_000000422028_00253_12331_2564.N1	09-JUL-2004 13:19:55	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	12331	No
251	GOM_NL__2PRFIN20040709_132404_000000412028_00253_12331_2565.N1	09-JUL-2004 13:24:04	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	12331	No
252	GOM_NL__2PRFIN20040709_132756_000000412028_00253_12331_2566.N1	09-JUL-2004 13:27:56	Bright	40.500	49	1Alp UMi	1.9900	6300.0	81	12331	No
253	GOM_NL__2PRFIN20040709_133228_000000512028_00253_12331_2567.N1	09-JUL-2004 13:32:28	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	12331	No
254	GOM_NL__2PRFIN20040709_133430_000000452028_00253_12331_2568.N1	09-JUL-2004 13:34:30	Bright	45.000	110	37Del Cas	2.6780	8900.0	90	12331	No
255	GOM_NL__2PRFIN20040709_133804_000000442028_00253_12331_2569.N1	09-JUL-2004 13:38:04	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	12331	No
256	GOM_NL__2PRFIN20040709_134002_000000482028_00253_12331_2570.N1	09-JUL-2004 13:40:02	Bright	48.000	175	39Del Per	3.0100	19400.	96	12331	No
257	GOM_NL__2PRFIN20040709_134130_000000572028_00253_12331_2571.N1	09-JUL-2004 13:41:30	Bright	56.500	73	57Gam1And	2.2600	13100.	113	12331	No
258	GOM_NL__2PRFIN20040709_134452_000000442028_00253_12331_2572.N1	09-JUL-2004 13:44:52	Bright	43.500	150	44Zet Per	2.8900	28000.	87	12331	No
259	GOM_NL__2PRFIN20040709_134716_000000472028_00253_12331_2573.N1	09-JUL-2004 13:47:16	Twilight	46.500	146	25Eta Tau	2.8730	15200.	93	12331	No
260	GOM_NL__2PRFIN20040709_134926_000000712028_00253_12331_2574.N1	09-JUL-2004 13:49:26	Dark	70.500	50	13Alp Ari	2.0070	4250.0	141	12331	No
261	GOM_NL__2PRFIN20040709_135517_000000502028_00253_12331_2575.N1	09-JUL-2004 13:55:17	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	12331	No
262	GOM_NL__2PRFIN20040709_135756_000000492028_00253_12331_2576.N1	09-JUL-2004 13:57:56	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	12331	No
263	GOM_NL__2PRFIN20040709_140642_000000432028_00253_12331_2577.N1	09-JUL-2004 14:06:42	Dark	43.000	157	The1Eri	2.9060	9300.0	86	12331	No
264	GOM_NL__2PRFIN20040709_141252_000000542028_00254_12332_2549.N1	09-JUL-2004 14:12:52	Dark	53.500	9	Alp Eri	0.45300	24000.	107	12332	No
265	GOM_NL__2PRFIN20040709_141656_000000412028_00254_12332_2550.N1	09-JUL-2004 14:16:56	Dark	41.000	135	Bet Hyi	2.8200	5800.0	82	12332	No
266	GOM_NL__2PRFIN20040709_142116_000000552028_00254_12332_2551.N1	09-JUL-2004 14:21:16	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	12332	No
267	GOM_NL__2PRFIN20040709_142420_000000902028_00254_12332_2552.N1	09-JUL-2004 14:24:20	Straylight	90.000	18	24Alp PsA	1.1660	9700.0	180	12332	No
268	GOM_NL__2PRFIN20040709_142744_000000432028_00254_12332_2553.N1	09-JUL-2004 14:27:44	Straylight	43.000	141	Bet Ara	2.8400	4600.0	86	12332	No
269	GOM_NL__2PRFIN20040709_142914_000000402028_00254_12332_2554.N1	09-JUL-2004 14:29:14	Twi_and_stray	39.500	147	Alp Ara	2.8770	26000.	79	12332	No
270	GOM_NL__2PRFIN20040709_143105_000000452028_00254_12332_2555.N1	09-JUL-2004 14:31:05	Twi_and_stray	45.000	40	The Sco	1.8590	7100.0	90	12332	No
271	GOM_NL__2PRFIN20040709_143244_000000412028_00254_12332_2556.N1	09-JUL-2004 14:32:44	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	12332	No
272	GOM_NL__2PRFIN20040709_143448_000000432028_00254_12332_2557.N1	09-JUL-2004 14:34:48	Bright	43.000	57	34Sig Sgr	2.0660	26000.	86	12332	No
273	GOM_NL__2PRFIN20040709_143656_000001062028_00254_12332_2558.N1	09-JUL-2004 14:36:56	Bright	106.00	142	49Del Cap	2.8500	8900.0	212	12332	No
274	GOM_NL__2PRFIN20040709_144416_000000402028_00254_12332_2559.N1	09-JUL-2004 14:44:16	Bright	40.000	126	60Bet Oph	2.7700	4250.0	80	12332	No
275	GOM_NL__2PRFIN20040709_144633_000000372028_00254_12332_2560.N1	09-JUL-2004 14:46:33	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	12332	No
276	GOM_NL__2PRFIN20040709_144941_000000362028_00254_12332_2561.N1	09-JUL-2004 14:49:41	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	12332	No
277	GOM_NL__2PRFIN20040709_145215_000000402028_00254_12332_2562.N1	09-JUL-2004 14:52:15	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	12332	No
278	GOM_NL__2PRFIN20040709_145433_000000442028_00254_12332_2563.N1	09-JUL-2004 14:54:33	Bright	44.000	5	3Alp Lyr	0.033000	11000.	88	12332	No

279	GOM_NL__2PRFIN20040709_145741_000000422028_00254_12332_2564.N1	09-JUL-2004 14:57:41	Bright	41.500	69	33Gam Dra	2.2310	3800.0	83	12332	No
280	GOM_NL__2PRFIN20040709_150032_000000392028_00254_12332_2565.N1	09-JUL-2004 15:00:32	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	12332	No
281	GOM_NL__2PRFIN20040709_150442_000000412028_00254_12332_2566.N1	09-JUL-2004 15:04:42	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	12332	No
282	GOM_NL__2PRFIN20040709_150832_000000412028_00254_12332_2567.N1	09-JUL-2004 15:08:32	Bright	40.500	49	1Alp UMi	1.9900	6300.0	81	12332	No
283	GOM_NL__2PRFIN20040709_151303_000000492028_00254_12332_2568.N1	09-JUL-2004 15:13:03	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	12332	No
284	GOM_NL__2PRFIN20040709_151505_000000462028_00254_12332_2569.N1	09-JUL-2004 15:15:05	Bright	46.000	110	37Del Cas	2.6780	8900.0	92	12332	No
285	GOM_NL__2PRFIN20040709_151842_000000432028_00254_12332_2570.N1	09-JUL-2004 15:18:42	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	12332	No
286	GOM_NL__2PRFIN20040709_152038_000000392028_00254_12332_2571.N1	09-JUL-2004 15:20:38	Bright	38.500	175	39Del Per	3.0100	19400.	77	12332	No
287	GOM_NL__2PRFIN20040709_152206_000000592028_00254_12332_2572.N1	09-JUL-2004 15:22:06	Bright	59.000	73	57Gam1And	2.2600	13100.	118	12332	No
288	GOM_NL__2PRFIN20040709_152528_000000442028_00254_12332_2573.N1	09-JUL-2004 15:25:28	Bright	44.000	150	44Zet Per	2.8900	28000.	88	12332	No
289	GOM_NL__2PRFIN20040709_152752_000000482028_00254_12332_2574.N1	09-JUL-2004 15:27:52	Twilight	48.000	146	25Eta Tau	2.8730	15200.	96	12332	No
290	GOM_NL__2PRFIN20040709_153002_000000772028_00254_12332_2575.N1	09-JUL-2004 15:30:02	Dark	76.500	50	13Alp Ari	2.0070	4250.0	153	12332	No
291	GOM_NL__2PRFIN20040709_153553_000000512028_00254_12332_2576.N1	09-JUL-2004 15:35:53	Dark	50.500	7	19Bet Ori	0.10000	14000.	101	12332	No
292	GOM_NL__2PRFIN20040709_153834_000000452028_00254_12332_2577.N1	09-JUL-2004 15:38:34	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	12332	No
293	GOM_NL__2PRFIN20040709_154719_000000432028_00254_12332_2578.N1	09-JUL-2004 15:47:19	Dark	43.000	157	The1Eri	2.9060	9300.0	86	12332	No
294	GOM_NL__2PRFIN20040709_155328_000000552028_00255_12333_2660.N1	09-JUL-2004 15:53:28	Dark	54.500	9	Alp Eri	0.45300	24000.	109	12333	No
295	GOM_NL__2PRFIN20040709_155730_000000422028_00255_12333_2661.N1	09-JUL-2004 15:57:30	Dark	41.500	135	Bet Hyi	2.8200	5800.0	83	12333	No
296	GOM_NL__2PRFIN20040709_160153_000000542028_00255_12333_2662.N1	09-JUL-2004 16:01:53	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	12333	No
297	GOM_NL__2PRFIN20040709_160457_000000922028_00255_12333_2663.N1	09-JUL-2004 16:04:57	Straylight	92.000	18	24Alp PsA	1.1660	9700.0	184	12333	No
298	GOM_NL__2PRFIN20040709_160819_000000412028_00255_12333_2664.N1	09-JUL-2004 16:08:19	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	12333	No
299	GOM_NL__2PRFIN20040709_160951_000000392028_00255_12333_2665.N1	09-JUL-2004 16:09:51	Twi_and_stray	38.500	147	Alp Ara	2.8770	26000.	77	12333	No
300	GOM_NL__2PRFIN20040709_161142_000000442028_00255_12333_2666.N1	09-JUL-2004 16:11:42	Twi_and_stray	44.000	40	The Sco	1.8590	7100.0	88	12333	No
301	GOM_NL__2PRFIN20040709_161320_000000452028_00255_12333_2667.N1	09-JUL-2004 16:13:20	Twi_and_stray	44.500	25	35Lam Sco	1.6200	28000.	89	12333	No
302	GOM_NL__2PRFIN20040709_161524_000000432028_00255_12333_2668.N1	09-JUL-2004 16:15:24	Bright	43.000	57	34Sig Sgr	2.0660	26000.	86	12333	No
303	GOM_NL__2PRFIN20040709_161732_000001072028_00255_12333_2669.N1	09-JUL-2004 16:17:32	Bright	106.50	142	49Del Cap	2.8500	8900.0	213	12333	No
304	GOM_NL__2PRFIN20040709_162452_000000382028_00255_12333_2670.N1	09-JUL-2004 16:24:52	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	12333	No
305	GOM_NL__2PRFIN20040709_162709_000000412028_00255_12333_2671.N1	09-JUL-2004 16:27:09	Bright	40.500	59	55Alp Oph	2.0800	8900.0	81	12333	No
306	GOM_NL__2PRFIN20040709_163017_000000392028_00255_12333_2672.N1	09-JUL-2004 16:30:17	Bright	39.000	127	27Bet Her	2.7810	4700.0	78	12333	No
307	GOM_NL__2PRFIN20040709_163249_000000412028_00255_12333_2673.N1	09-JUL-2004 16:32:49	Bright	41.000	133	40Zet Her	2.8070	6000.0	82	12333	No
308	GOM_NL__2PRFIN20040709_163508_000000462028_00255_12333_2674.N1	09-JUL-2004 16:35:08	Bright	46.000	5	3Alp Lyr	0.033000	11000.	92	12333	No
309	GOM_NL__2PRFIN20040709_163816_000000422028_00255_12333_2675.N1	09-JUL-2004 16:38:16	Bright	41.500	69	33Gam Dra	2.2310	3800.0	83	12333	No
310	GOM_NL__2PRFIN20040709_164109_000000392028_00255_12333_2676.N1	09-JUL-2004 16:41:09	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	12333	No
311	GOM_NL__2PRFIN20040709_164518_000000362028_00255_12333_2677.N1	09-JUL-2004 16:45:18	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	12333	No
312	GOM_NL__2PRFIN20040709_164908_000000402028_00255_12333_2678.N1	09-JUL-2004 16:49:08	Bright	40.000	49	1Alp UMi	1.9900	6300.0	80	12333	No
313	GOM_NL__2PRFIN20040709_165339_000000492028_00255_12333_2679.N1	09-JUL-2004 16:53:39	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	12333	No
314	GOM_NL__2PRFIN20040709_165541_000000442028_00255_12333_2680.N1	09-JUL-2004 16:55:41	Bright	43.500	110	37Del Cas	2.6780	8900.0	87	12333	No
315	GOM_NL__2PRFIN20040709_165918_000000422028_00255_12333_2681.N1	09-JUL-2004 16:59:18	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	12333	No
316	GOM_NL__2PRFIN20040709_170114_000000482028_00255_12333_2682.N1	09-JUL-2004 17:01:14	Bright	48.000	175	39Del Per	3.0100	19400.	96	12333	No
317	GOM_NL__2PRFIN20040709_170241_000000612028_00255_12333_2683.N1	09-JUL-2004 17:02:41	Bright	60.500	73	57Gam1And	2.2600	13100.	121	12333	No
318	GOM_NL__2PRFIN20040709_170604_000000442028_00255_12333_2684.N1	09-JUL-2004 17:06:04	Bright	43.500	150	44Zet Per	2.8900	28000.	87	12333	No
319	GOM_NL__2PRFIN20040709_170830_000000452028_00255_12333_2685.N1	09-JUL-2004 17:08:30	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	12333	No
320	GOM_NL__2PRFIN20040709_171039_000000662028_00255_12333_2686.N1	09-JUL-2004 17:10:39	Dark	66.000	50	13Alp Ari	2.0070	4250.0	132	12333	No
321	GOM_NL__2PRFIN20040709_171628_000000412028_00255_12333_2687.N1	09-JUL-2004 17:16:28	Dark	41.000	7	19Bet Ori	0.10000	14000.	82	12333	No
322	GOM_NL__2PRFIN20040709_171911_000000462028_00255_12333_2688.N1	09-JUL-2004 17:19:11	Dark	46.000	165	34Gam Eri	2.9500	3200.0	92	12333	No
323	GOM_NL__2PRFIN20040709_172756_000000422028_00255_12333_2689.N1	09-JUL-2004 17:27:56	Dark	41.500	157	The1Eri	2.9060	9300.0	83	12333	No
324	GOM_NL__2PRFIN20040709_173407_000000472028_00256_12334_2688.N1	09-JUL-2004 17:34:07	Dark	47.000	9	Alp Eri	0.45300	24000.	94	12334	No
325	GOM_NL__2PRFIN20040709_173808_000000412028_00256_12334_2689.N1	09-JUL-2004 17:38:08	Dark	41.000	135	Bet Hyi	2.8200	5800.0	82	12334	No
326	GOM_NL__2PRFIN20040709_174229_000000542028_00256_12334_2690.N1	09-JUL-2004 17:42:29	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	12334	No
327	GOM_NL__2PRFIN20040709_174535_000000942028_00256_12334_2691.N1	09-JUL-2004 17:45:35	Straylight	93.500	18	24Alp PsA	1.1660	9700.0	187	12334	No
328	GOM_NL__2PRFIN20040709_174856_000000422028_00256_12334_2692.N1	09-JUL-2004 17:48:56	Straylight	42.000	141	Bet Ara	2.8400	4600.0	84	12334	No
329	GOM_NL__2PRFIN20040709_175027_000000392028_00256_12334_2693.N1	09-JUL-2004 17:50:27	Twi_and_stray	39.000	147	Alp Ara	2.8770	26000.	78	12334	No
330	GOM_NL__2PRFIN20040709_175218_000000412028_00256_12334_2694.N1	09-JUL-2004 17:52:18	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	12334	No
331	GOM_NL__2PRFIN20040709_175355_000000462028_00256_12334_2695.N1	09-JUL-2004 17:53:55	Twi_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	12334	No
332	GOM_NL__2PRFIN20040709_175601_000000442028_00256_12334_2696.N1	09-JUL-2004 17:56:01	Bright	43.500	57	34Sig Sgr	2.0660	26000.	87	12334	No
333	GOM_NL__2PRFIN20040709_175808_000000992028_00256_12334_2697.N1	09-JUL-2004 17:58:08	Bright	99.000	142	49Del Cap	2.8500	8900.0	198	12334	No
334	GOM_NL__2PRFIN20040709_180528_000000382028_00256_12334_2698.N1	09-JUL-2004 18:05:28	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	12334	No
335	GOM_NL__2PRFIN20040709_180746_000000402028_00256_12334_2699.N1	09-JUL-2004 18:07:46	Bright	39.500	59	55Alp Oph	2.0800	8900.0	79	12334	No
336	GOM_NL__2PRFIN20040709_181053_000000402028_00256_12334_2700.N1	09-JUL-2004 18:10:53	Bright	40.000	127	27Bet Her	2.7810	4700.0	80	12334	No
337	GOM_NL__2PRFIN20040709_181327_000000382028_00256_12334_2701.N1	09-JUL-2004 18:13:27	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	12334	No

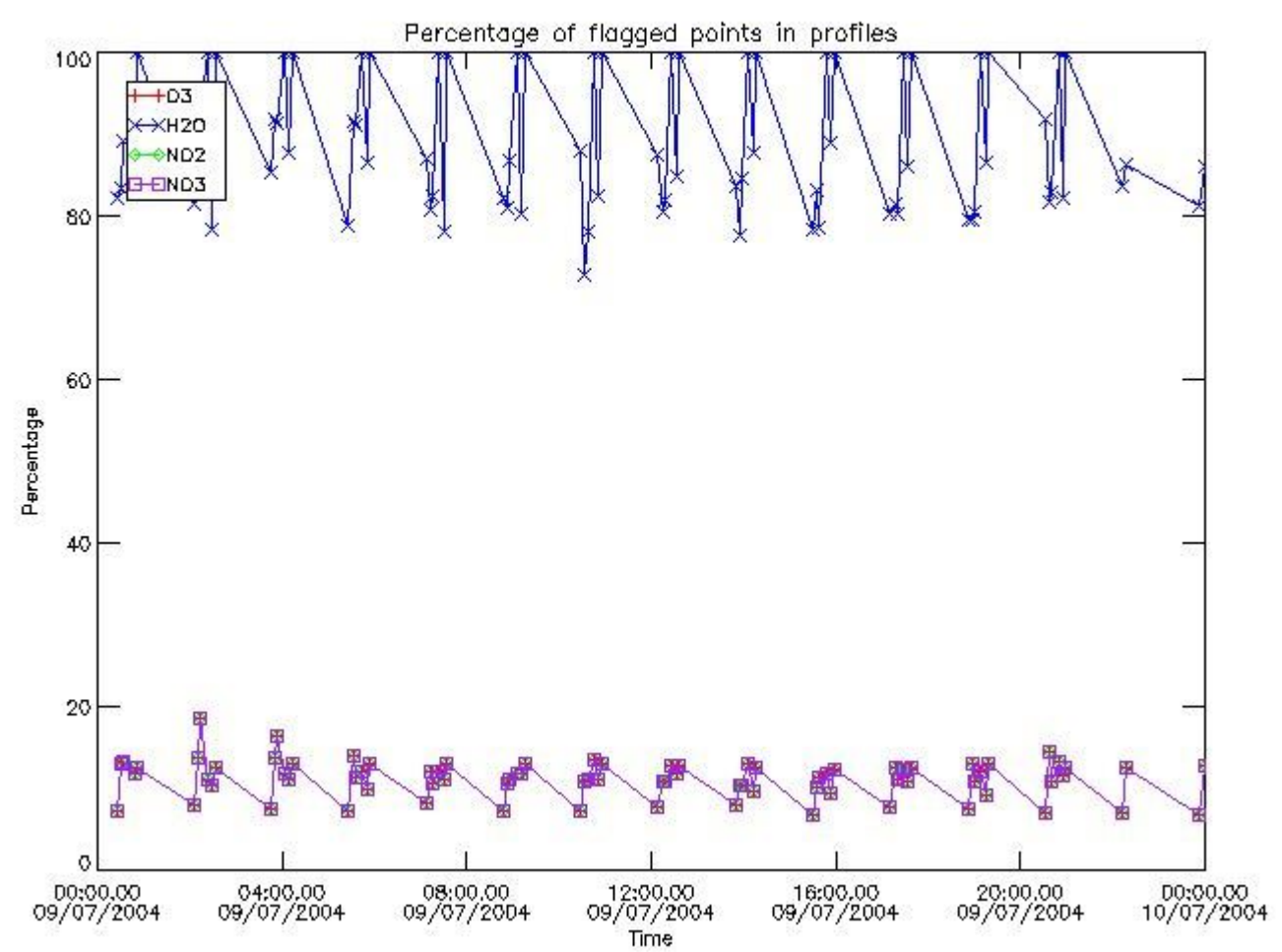
338	GOM_NL__2PRFIN20040709_181544_000000432028_00256_12334_2702.N1	09-JUL-2004 18:15:44	Bright	43.000	5	3Alp Lyr	0.033000	11000.	86	12334	No
339	GOM_NL__2PRFIN20040709_181852_000000422028_00256_12334_2703.N1	09-JUL-2004 18:18:52	Bright	42.000	69	33Gam Dra	2.2310	3800.0	84	12334	No
340	GOM_NL__2PRFIN20040709_182145_000000392028_00256_12334_2704.N1	09-JUL-2004 18:21:45	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	12334	No
341	GOM_NL__2PRFIN20040709_182554_000000372028_00256_12334_2705.N1	09-JUL-2004 18:25:54	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	12334	No
342	GOM_NL__2PRFIN20040709_182944_000000422028_00256_12334_2706.N1	09-JUL-2004 18:29:44	Bright	41.500	49	1Alp UMi	1.9900	6300.0	83	12334	No
343	GOM_NL__2PRFIN20040709_183414_000000522028_00256_12334_2707.N1	09-JUL-2004 18:34:14	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	12334	No
344	GOM_NL__2PRFIN20040709_183616_000000462028_00256_12334_2708.N1	09-JUL-2004 18:36:16	Bright	46.000	110	37Del Cas	2.6780	8900.0	92	12334	No
345	GOM_NL__2PRFIN20040709_183954_000000462028_00256_12334_2709.N1	09-JUL-2004 18:39:54	Bright	45.500	160	23Gam Per	2.9300	4700.0	91	12334	No
346	GOM_NL__2PRFIN20040709_184150_000000402028_00256_12334_2710.N1	09-JUL-2004 18:41:50	Bright	40.000	175	39Del Per	3.0100	19400.	80	12334	No
347	GOM_NL__2PRFIN20040709_184318_000000592028_00256_12334_2711.N1	09-JUL-2004 18:43:18	Bright	58.500	73	57Gam1And	2.2600	13100.	117	12334	No
348	GOM_NL__2PRFIN20040709_184640_000000452028_00256_12334_2712.N1	09-JUL-2004 18:46:40	Bright	45.000	150	44Zet Per	2.8900	28000.	90	12334	No
349	GOM_NL__2PRFIN20040709_184907_000000452028_00256_12334_2713.N1	09-JUL-2004 18:49:07	Twilight	44.500	146	25Eta Tau	2.8730	15200.	89	12334	No
350	GOM_NL__2PRFIN20040709_185115_000000692028_00256_12334_2714.N1	09-JUL-2004 18:51:15	Dark	68.500	50	13Alp Ari	2.0070	4250.0	137	12334	No
351	GOM_NL__2PRFIN20040709_185705_000000402028_00256_12334_2715.N1	09-JUL-2004 18:57:05	Dark	39.500	7	19Bet Ori	0.10000	14000.	79	12334	No
352	GOM_NL__2PRFIN20040709_185947_000000472028_00256_12334_2716.N1	09-JUL-2004 18:59:47	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	12334	No
353	GOM_NL__2PRFIN20040709_190833_000000422028_00256_12334_2717.N1	09-JUL-2004 19:08:33	Dark	42.000	157	The1Eri	2.9060	9300.0	84	12334	No
354	GOM_NL__2PRFIN20040709_191443_000000562028_00257_12335_2661.N1	09-JUL-2004 19:14:43	Dark	56.000	9	Alp Eri	0.45300	24000.	112	12335	No
355	GOM_NL__2PRFIN20040709_191844_000000402028_00257_12335_2662.N1	09-JUL-2004 19:18:44	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	12335	No
356	GOM_NL__2PRFIN20040709_192307_000000542028_00257_12335_2663.N1	09-JUL-2004 19:23:07	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	12335	No
357	GOM_NL__2PRFIN20040709_192612_000000922028_00257_12335_2664.N1	09-JUL-2004 19:26:12	Straylight	92.000	18	24Alp PsA	1.1660	9700.0	184	12335	No
358	GOM_NL__2PRFIN20040709_192932_000000402028_00257_12335_2665.N1	09-JUL-2004 19:29:32	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	12335	No
359	GOM_NL__2PRFIN20040709_193102_000000392028_00257_12335_2666.N1	09-JUL-2004 19:31:02	Twi_and_stray	38.500	147	Alp Ara	2.8770	26000.	77	12335	No
360	GOM_NL__2PRFIN20040709_193253_000000442028_00257_12335_2667.N1	09-JUL-2004 19:32:53	Twi_and_stray	43.500	40	The Sco	1.8590	7100.0	87	12335	No
361	GOM_NL__2PRFIN20040709_193431_000000452028_00257_12335_2668.N1	09-JUL-2004 19:34:31	Twi_and_stray	44.500	25	35Lam Sco	1.6200	28000.	89	12335	No
362	GOM_NL__2PRFIN20040709_193637_000000432028_00257_12335_2669.N1	09-JUL-2004 19:36:37	Bright	43.000	57	34Sig Sgr	2.0660	26000.	86	12335	No
363	GOM_NL__2PRFIN20040709_193844_000001052028_00257_12335_2670.N1	09-JUL-2004 19:38:44	Bright	105.00	142	49Del Cap	2.8500	8900.0	210	12335	No
364	GOM_NL__2PRFIN20040709_194604_000000382028_00257_12335_2671.N1	09-JUL-2004 19:46:04	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	12335	No
365	GOM_NL__2PRFIN20040709_194822_000000372028_00257_12335_2672.N1	09-JUL-2004 19:48:22	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	12335	No
366	GOM_NL__2PRFIN20040709_195128_000000382028_00257_12335_2673.N1	09-JUL-2004 19:51:28	Bright	38.000	127	27Bet Her	2.7810	4700.0	76	12335	No
367	GOM_NL__2PRFIN20040709_195403_000000372028_00257_12335_2674.N1	09-JUL-2004 19:54:03	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	12335	No
368	GOM_NL__2PRFIN20040709_195620_000000392028_00257_12335_2675.N1	09-JUL-2004 19:56:20	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	12335	No
369	GOM_NL__2PRFIN20040709_195928_000000422028_00257_12335_2676.N1	09-JUL-2004 19:59:28	Bright	41.500	69	33Gam Dra	2.2310	3800.0	83	12335	No
370	GOM_NL__2PRFIN20040709_200219_000000422028_00257_12335_2677.N1	09-JUL-2004 20:02:19	Bright	42.000	119	14Eta Dra	2.7270	4700.0	84	12335	No
371	GOM_NL__2PRFIN20040709_200631_000000402028_00257_12335_2678.N1	09-JUL-2004 20:06:31	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	12335	No
372	GOM_NL__2PRFIN20040709_201022_000000382028_00257_12335_2679.N1	09-JUL-2004 20:10:22	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	12335	No
373	GOM_NL__2PRFIN20040709_201449_000000502028_00257_12335_2680.N1	09-JUL-2004 20:14:49	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	12335	No
374	GOM_NL__2PRFIN20040709_201652_000000652028_00257_12335_2681.N1	09-JUL-2004 20:16:52	Bright	65.000	110	37Del Cas	2.6780	8900.0	130	12335	No
375	GOM_NL__2PRFIN20040709_202030_000000492028_00257_12335_2682.N1	09-JUL-2004 20:20:30	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	12335	No
376	GOM_NL__2PRFIN20040709_202226_000000382028_00257_12335_2683.N1	09-JUL-2004 20:22:26	Bright	38.000	175	39Del Per	3.0100	19400.	76	12335	No
377	GOM_NL__2PRFIN20040709_202353_000000592028_00257_12335_2684.N1	09-JUL-2004 20:23:53	Bright	58.500	73	57Gam1And	2.2600	13100.	117	12335	No
378	GOM_NL__2PRFIN20040709_202637_000000902028_00257_12335_2685.N1	09-JUL-2004 20:26:37	Twi_and_stray	89.500	53	43Bet And	2.0480	3300.0	179	12335	No
379	GOM_NL__2PRFIN20040709_202943_000000462028_00257_12335_2686.N1	09-JUL-2004 20:29:43	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	12335	No
380	GOM_NL__2PRFIN20040709_203151_000000732028_00257_12335_2687.N1	09-JUL-2004 20:31:51	Dark	73.000	50	13Alp Ari	2.0070	4250.0	146	12335	No
381	GOM_NL__2PRFIN20040709_203742_000000392028_00257_12335_2688.N1	09-JUL-2004 20:37:42	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	12335	No
382	GOM_NL__2PRFIN20040709_204023_000000482028_00257_12335_2689.N1	09-JUL-2004 20:40:23	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	12335	No
383	GOM_NL__2PRFIN20040709_204909_000000432028_00257_12335_2690.N1	09-JUL-2004 20:49:09	Dark	42.500	157	The1Eri	2.9060	9300.0	85	12335	No
384	GOM_NL__2PRFIN20040709_205520_000000482028_00258_12336_2553.N1	09-JUL-2004 20:55:20	Dark	48.000	9	Alp Eri	0.45300	24000.	96	12336	No
385	GOM_NL__2PRFIN20040709_205920_000000412028_00258_12336_2554.N1	09-JUL-2004 20:59:20	Dark	41.000	135	Bet Hyi	2.8200	5800.0	82	12336	No
386	GOM_NL__2PRFIN20040709_210343_000000662028_00258_12336_2555.N1	09-JUL-2004 21:03:43	Straylight	66.000	63	Bet Gru	2.1500	2800.0	132	12336	No
387	GOM_NL__2PRFIN20040709_210649_000000862028_00258_12336_2556.N1	09-JUL-2004 21:06:49	Straylight	86.000	18	24Alp PsA	1.1660	9700.0	172	12336	No
388	GOM_NL__2PRFIN20040709_211008_000000412028_00258_12336_2557.N1	09-JUL-2004 21:10:08	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	12336	No
389	GOM_NL__2PRFIN20040709_211139_000000412028_00258_12336_2558.N1	09-JUL-2004 21:11:39	Twi_and_stray	41.000	147	Alp Ara	2.8770	26000.	82	12336	No
390	GOM_NL__2PRFIN20040709_211330_000000452028_00258_12336_2559.N1	09-JUL-2004 21:13:30	Twi_and_stray	45.000	40	The Sco	1.8590	7100.0	90	12336	No
391	GOM_NL__2PRFIN20040709_211507_000000462028_00258_12336_2560.N1	09-JUL-2004 21:15:07	Twi_and_stray	45.500	25	35Lam Sco	1.6200	28000.	91	12336	No
392	GOM_NL__2PRFIN20040709_211713_000000432028_00258_12336_2561.N1	09-JUL-2004 21:17:13	Bright	43.000	57	34Sig Sgr	2.0660	26000.	86	12336	No
393	GOM_NL__2PRFIN20040709_211920_000001042028_00258_12336_2562.N1	09-JUL-2004 21:19:20	Bright	104.00	142	49Del Cap	2.8500	8900.0	208	12336	No
394	GOM_NL__2PRFIN20040709_212640_000000382028_00258_12336_2563.N1	09-JUL-2004 21:26:40	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	12336	No
395	GOM_NL__2PRFIN20040709_212858_000000392028_00258_12336_2564.N1	09-JUL-2004 21:28:58	Bright	38.500	59	55Alp Oph	2.0800	8900.0	77	12336	No
396	GOM_NL__2PRFIN20040709_213205_000000392028_00258_12336_2565.N1	09-JUL-2004 21:32:05	Bright	38.500	127	27Bet Her	2.7810	4700.0	77	12336	No

397	GOM_NL__2PRFIN20040709_213440_000000402028_00258_12336_2566.N1	09-JUL-2004 21:34:40	Bright	40.000	133	40Zet Her	2.8070	6000.0	80	12336	No
398	GOM_NL__2PRFIN20040709_213655_000000392028_00258_12336_2567.N1	09-JUL-2004 21:36:55	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	12336	No
399	GOM_NL__2PRFIN20040709_214003_000000372028_00258_12336_2568.N1	09-JUL-2004 21:40:03	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	12336	No
400	GOM_NL__2PRFIN20040709_214257_000000382028_00258_12336_2569.N1	09-JUL-2004 21:42:57	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	12336	No
401	GOM_NL__2PRFIN20040709_214707_000000402028_00258_12336_2570.N1	09-JUL-2004 21:47:07	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	12336	No
402	GOM_NL__2PRFIN20040709_215058_000000372028_00258_12336_2571.N1	09-JUL-2004 21:50:58	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	12336	No
403	GOM_NL__2PRFIN20040709_215524_000000492028_00258_12336_2572.N1	09-JUL-2004 21:55:24	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	12336	No
404	GOM_NL__2PRFIN20040709_215728_000000442028_00258_12336_2573.N1	09-JUL-2004 21:57:28	Bright	44.000	110	37Del Cas	2.6780	8900.0	88	12336	No
405	GOM_NL__2PRFIN20040709_220106_000000402028_00258_12336_2574.N1	09-JUL-2004 22:01:06	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	12336	No
406	GOM_NL__2PRFIN20040709_220302_000000382028_00258_12336_2575.N1	09-JUL-2004 22:03:02	Bright	38.000	175	39Del Per	3.0100	19400.	76	12336	No
407	GOM_NL__2PRFIN20040709_220429_000000582028_00258_12336_2576.N1	09-JUL-2004 22:04:29	Bright	58.000	73	57Gam1And	2.2600	13100.	116	12336	No
408	GOM_NL__2PRFIN20040709_220713_000000912028_00258_12336_2577.N1	09-JUL-2004 22:07:13	Twilight	90.500	53	43Bet And	2.0480	3300.0	181	12336	No
409	GOM_NL__2PRFIN20040709_221019_000000452028_00258_12336_2578.N1	09-JUL-2004 22:10:19	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	12336	No
410	GOM_NL__2PRFIN20040709_221227_000000742028_00258_12336_2579.N1	09-JUL-2004 22:12:27	Dark	74.000	50	13Alp Ari	2.0070	4250.0	148	12336	No
411	GOM_NL__2PRFIN20040709_221818_000000442028_00258_12336_2580.N1	09-JUL-2004 22:18:18	Dark	44.000	7	19Bet Ori	0.10000	14000.	88	12336	No
412	GOM_NL__2PRFIN20040709_232040_000000422028_00259_12337_2721.N1	09-JUL-2004 23:20:40	Dark	41.500	69	33Gam Dra	2.2310	3800.0	83	12337	Yes
413	GOM_NL__2PRFIN20040709_232331_000000392028_00259_12337_2722.N1	09-JUL-2004 23:23:31	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	12337	No
414	GOM_NL__2PRFIN20040709_232743_000000382028_00259_12337_2723.N1	09-JUL-2004 23:27:43	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	12337	No
415	GOM_NL__2PRFIN20040709_233132_000000382028_00259_12337_2724.N1	09-JUL-2004 23:31:32	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	12337	No
416	GOM_NL__2PRFIN20040709_233559_000000512028_00259_12337_2725.N1	09-JUL-2004 23:35:59	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	12337	No
417	GOM_NL__2PRFIN20040709_233803_000000512028_00259_12337_2726.N1	09-JUL-2004 23:38:03	Bright	50.500	110	37Del Cas	2.6780	8900.0	101	12337	No
418	GOM_NL__2PRFIN20040709_234141_000000452028_00259_12337_2727.N1	09-JUL-2004 23:41:41	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	12337	No
419	GOM_NL__2PRFIN20040709_234338_000000392028_00259_12337_2728.N1	09-JUL-2004 23:43:38	Bright	39.000	175	39Del Per	3.0100	19400.	78	12337	No
420	GOM_NL__2PRFIN20040709_234505_000000572028_00259_12337_2729.N1	09-JUL-2004 23:45:05	Bright	56.500	73	57Gam1And	2.2600	13100.	113	12337	No
421	GOM_NL__2PRFIN20040709_234749_000000922028_00259_12337_2730.N1	09-JUL-2004 23:47:49	Twilight	92.000	53	43Bet And	2.0480	3300.0	184	12337	No
422	GOM_NL__2PRFIN20040709_235053_000000462028_00259_12337_2731.N1	09-JUL-2004 23:50:53	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	12337	No
423	GOM_NL__2PRFIN20040709_235304_000000752028_00259_12337_2732.N1	09-JUL-2004 23:53:04	Dark	74.500	50	13Alp Ari	2.0070	4250.0	149	12337	No
424	GOM_NL__2PRFIN20040709_235854_000000402028_00259_12337_2733.N1	09-JUL-2004 23:58:54	Dark	40.000	7	19Bet Ori	0.10000	14000.	80	12337	No

3. Quality information per product

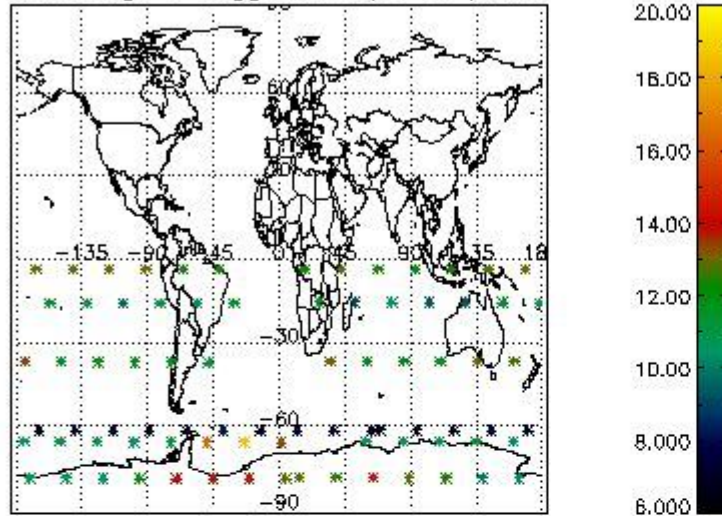
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

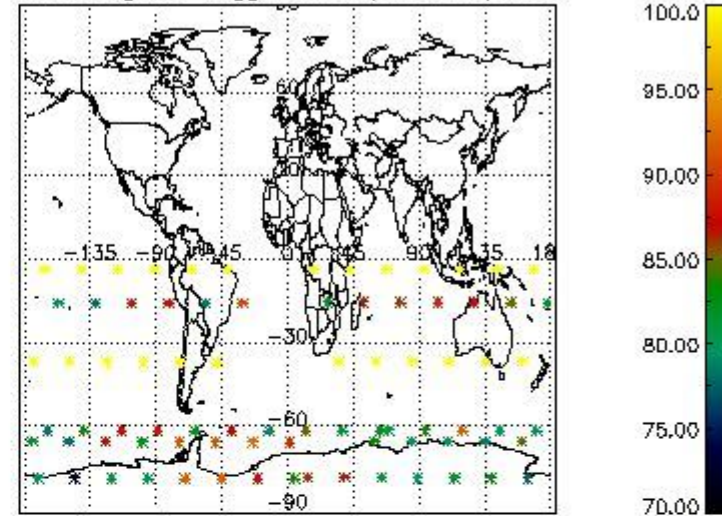


3.2 Plot quality information per product (world map)

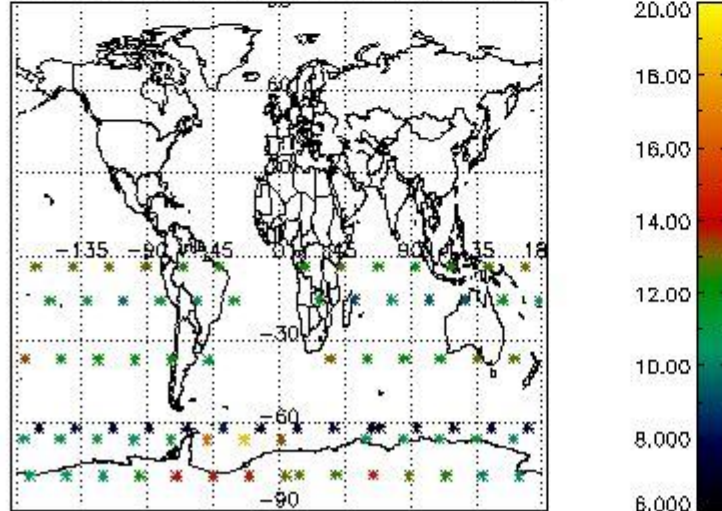
Percentage of flagged data per O3 profile



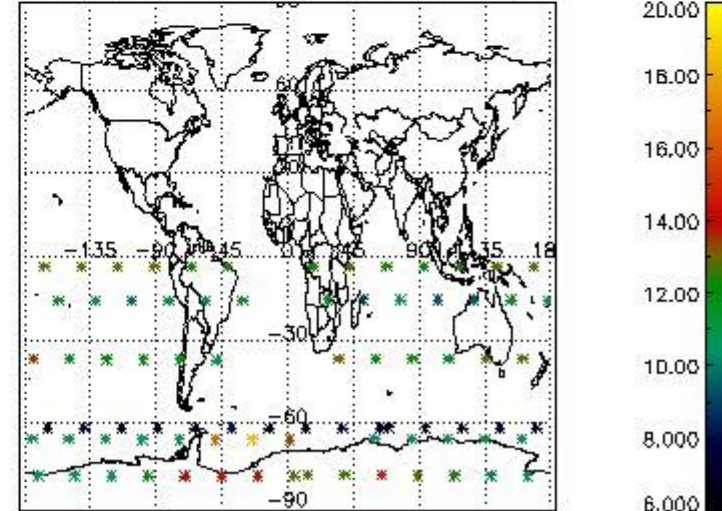
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

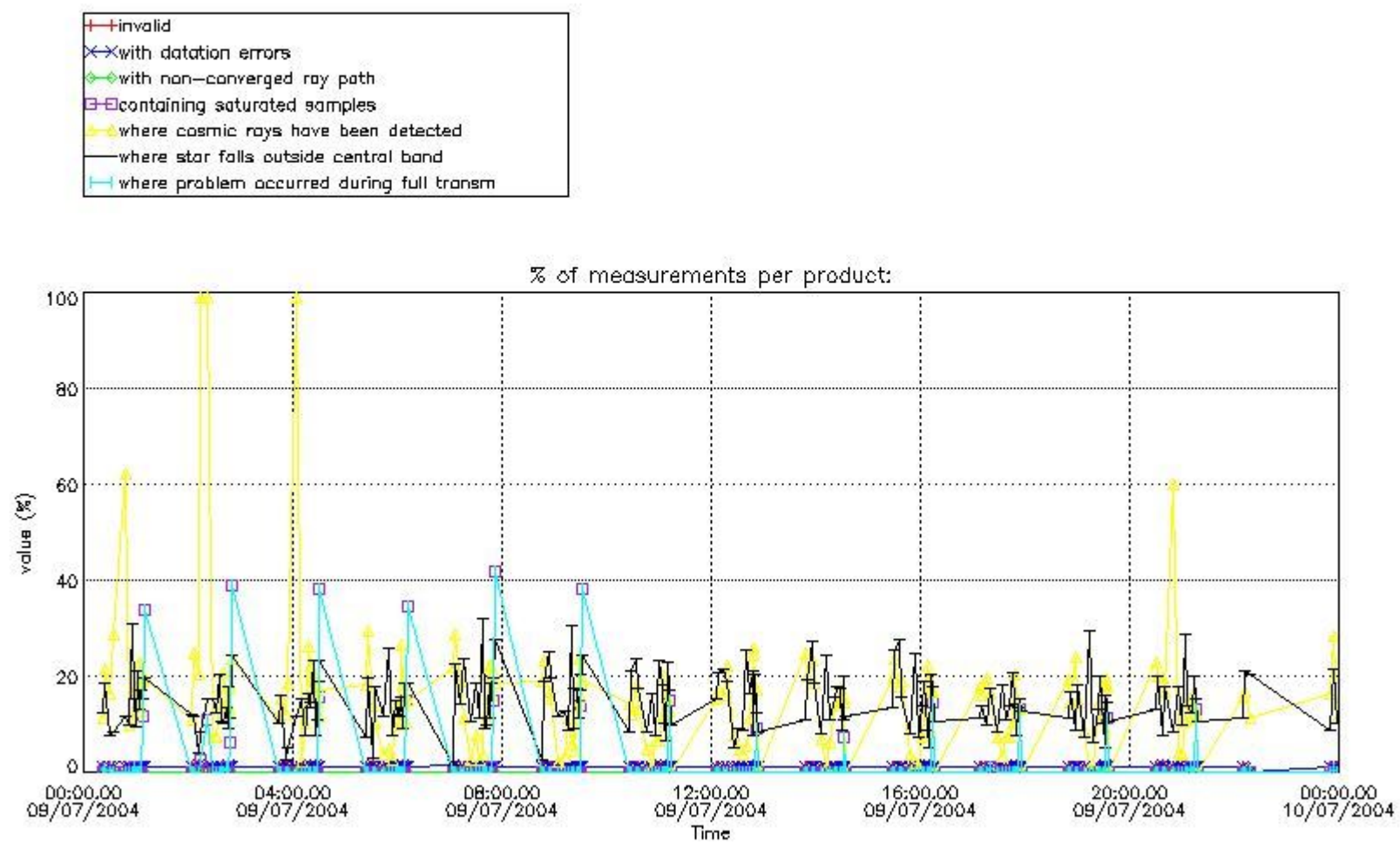


4. Level 1 quality information per product

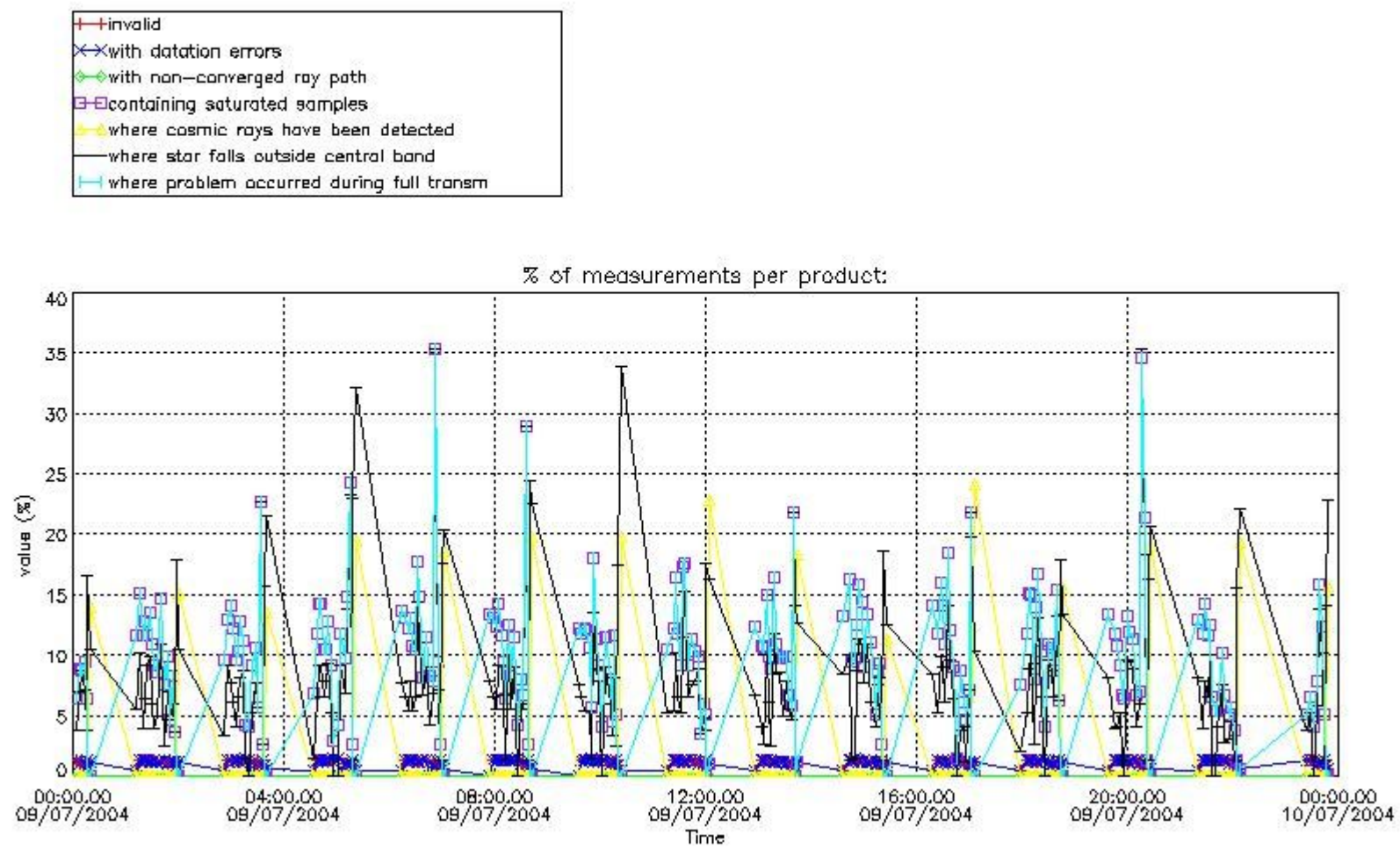
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

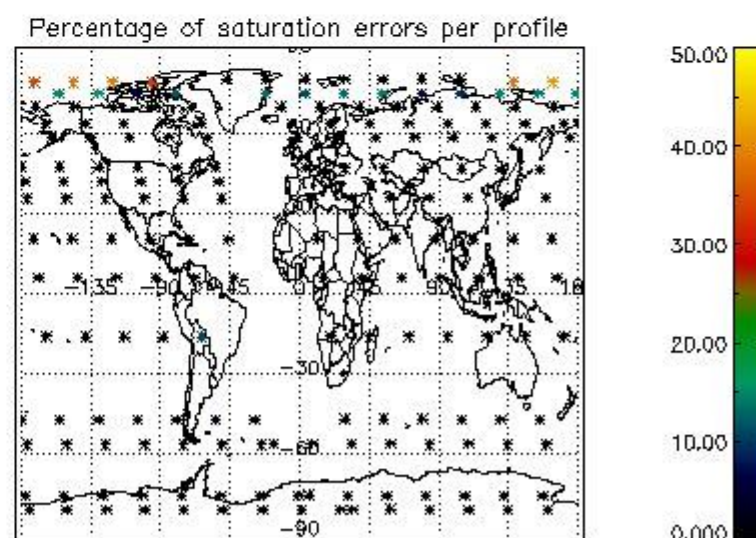
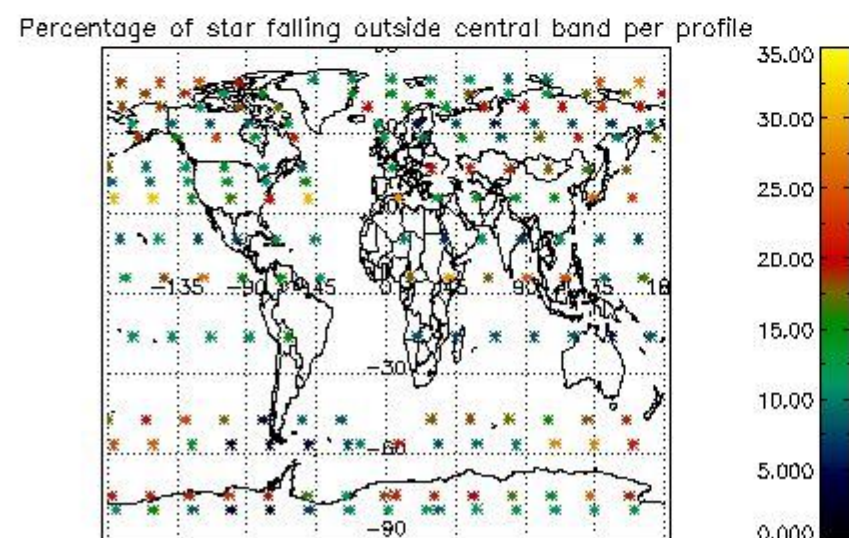
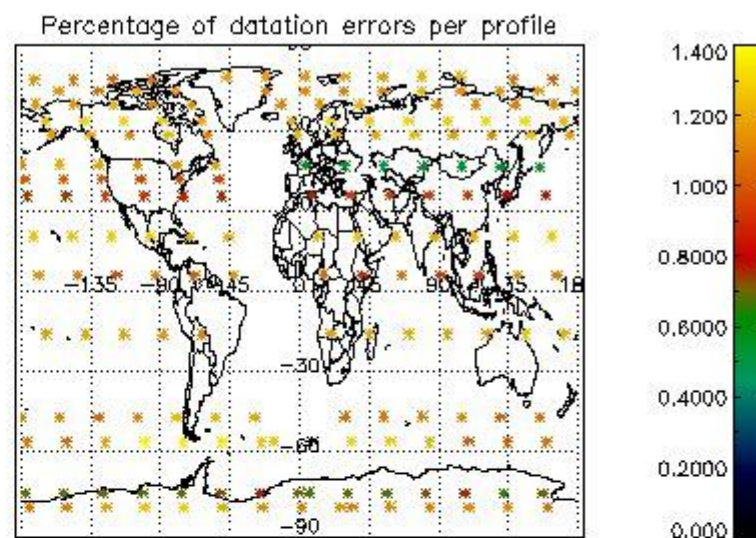
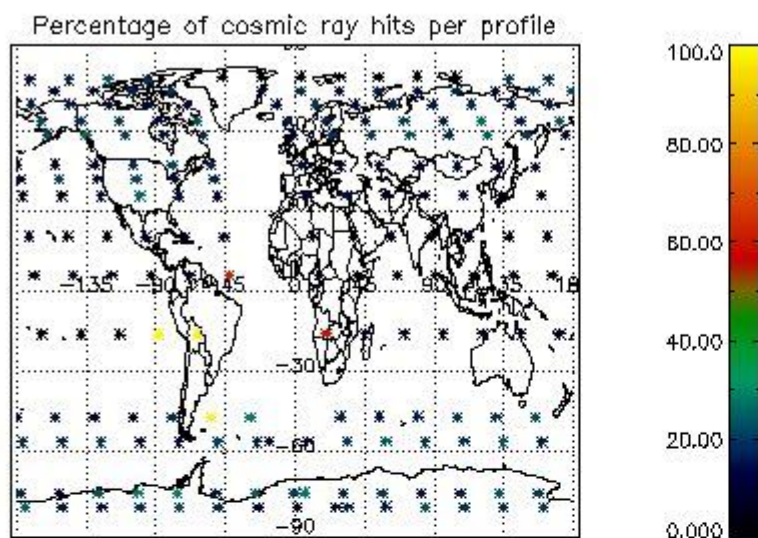


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

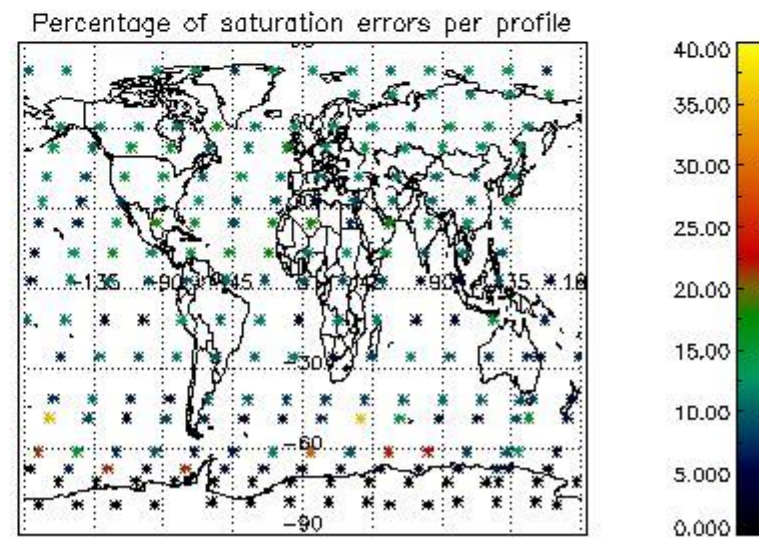
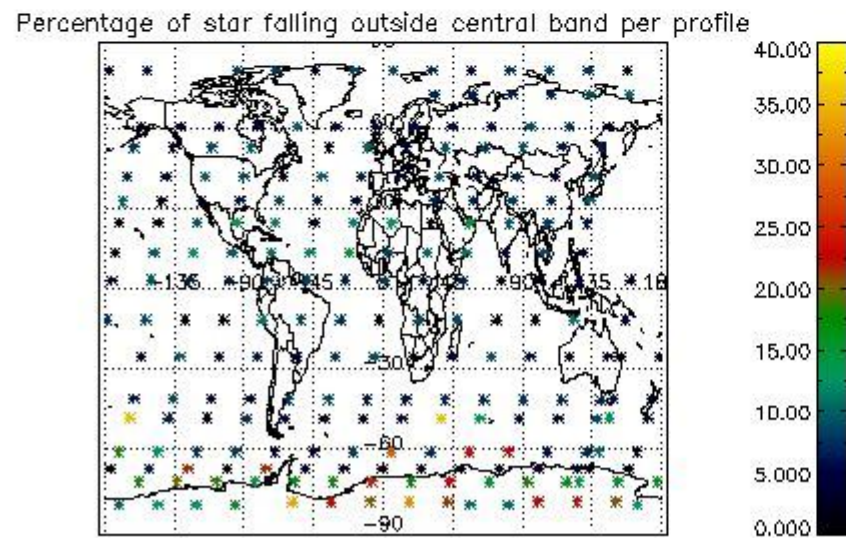
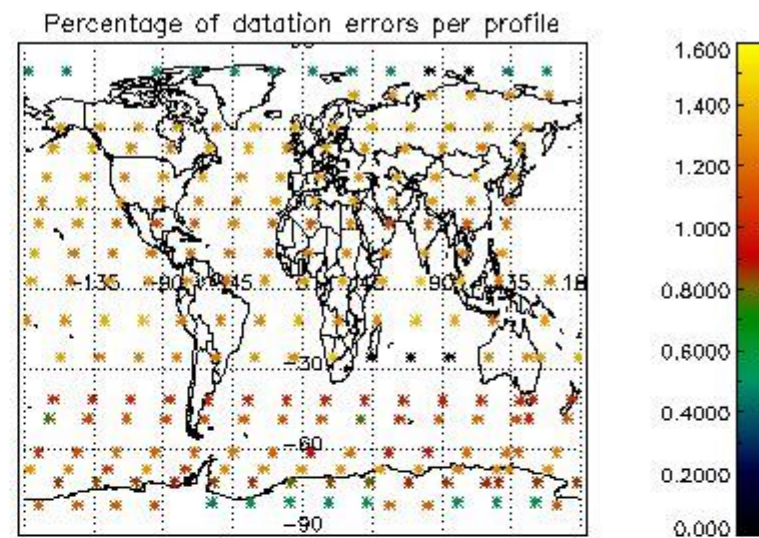
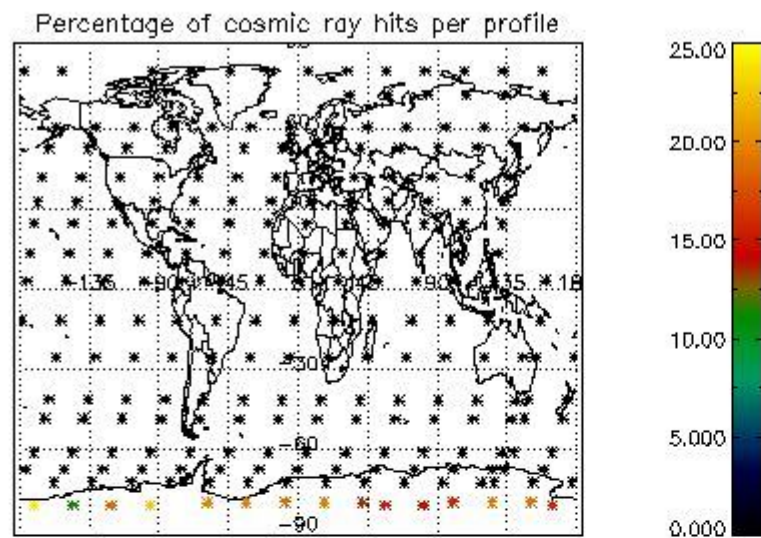


4.2 Plot quality information per product coming from level 1b processing (world map)

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

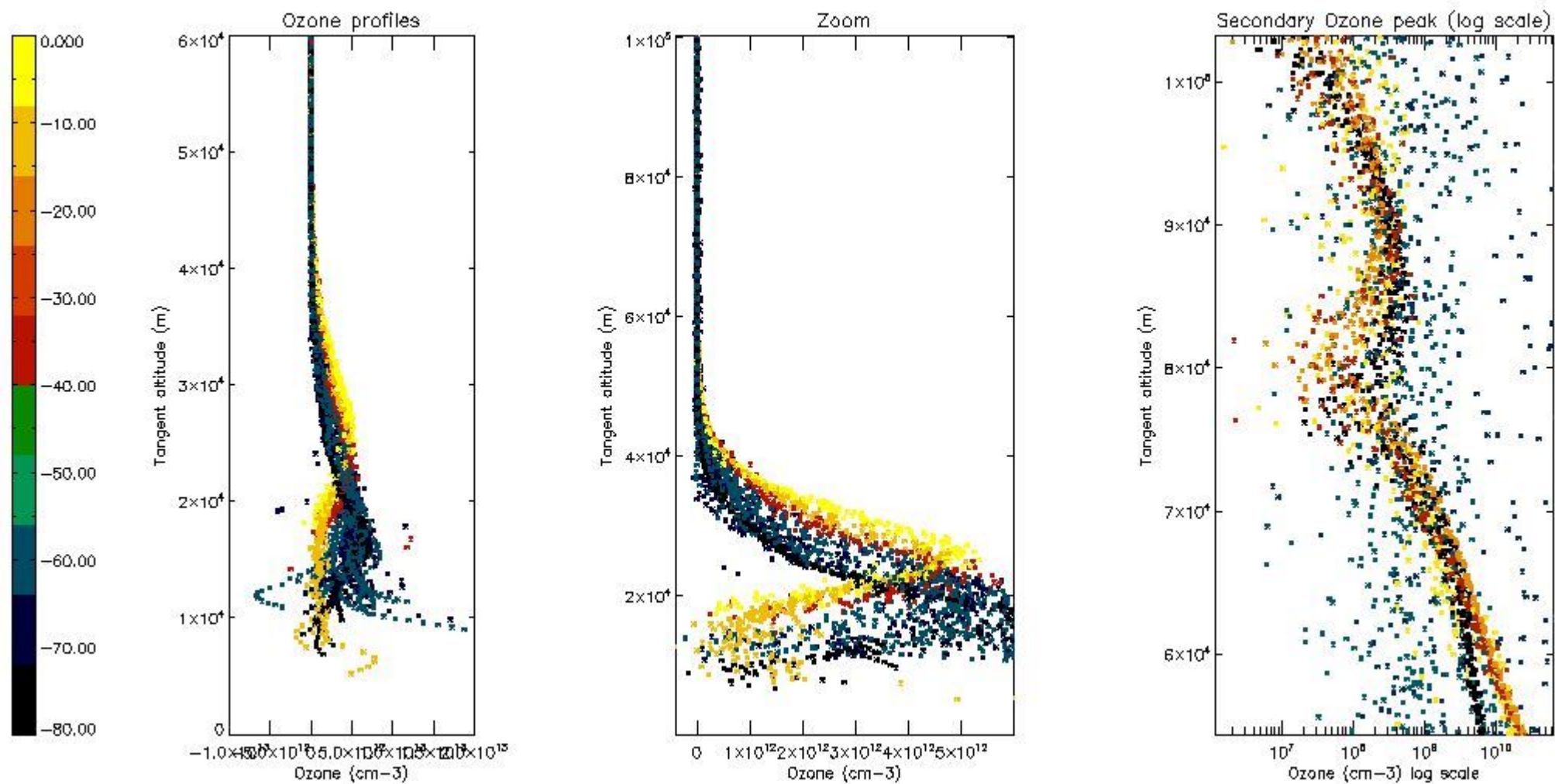
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	20
STD < 20	9

STD < 10	7
STD < 5	4

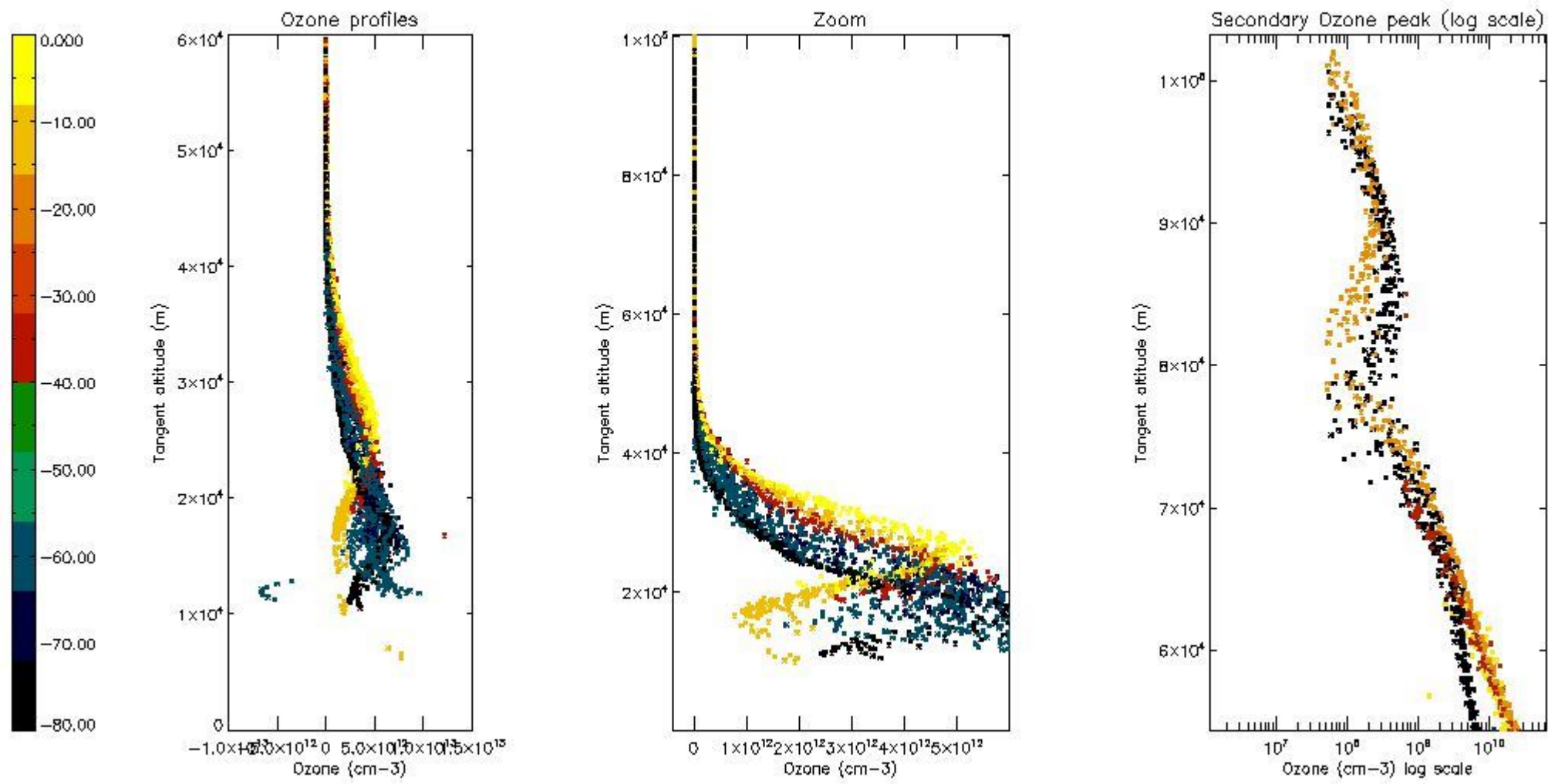
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



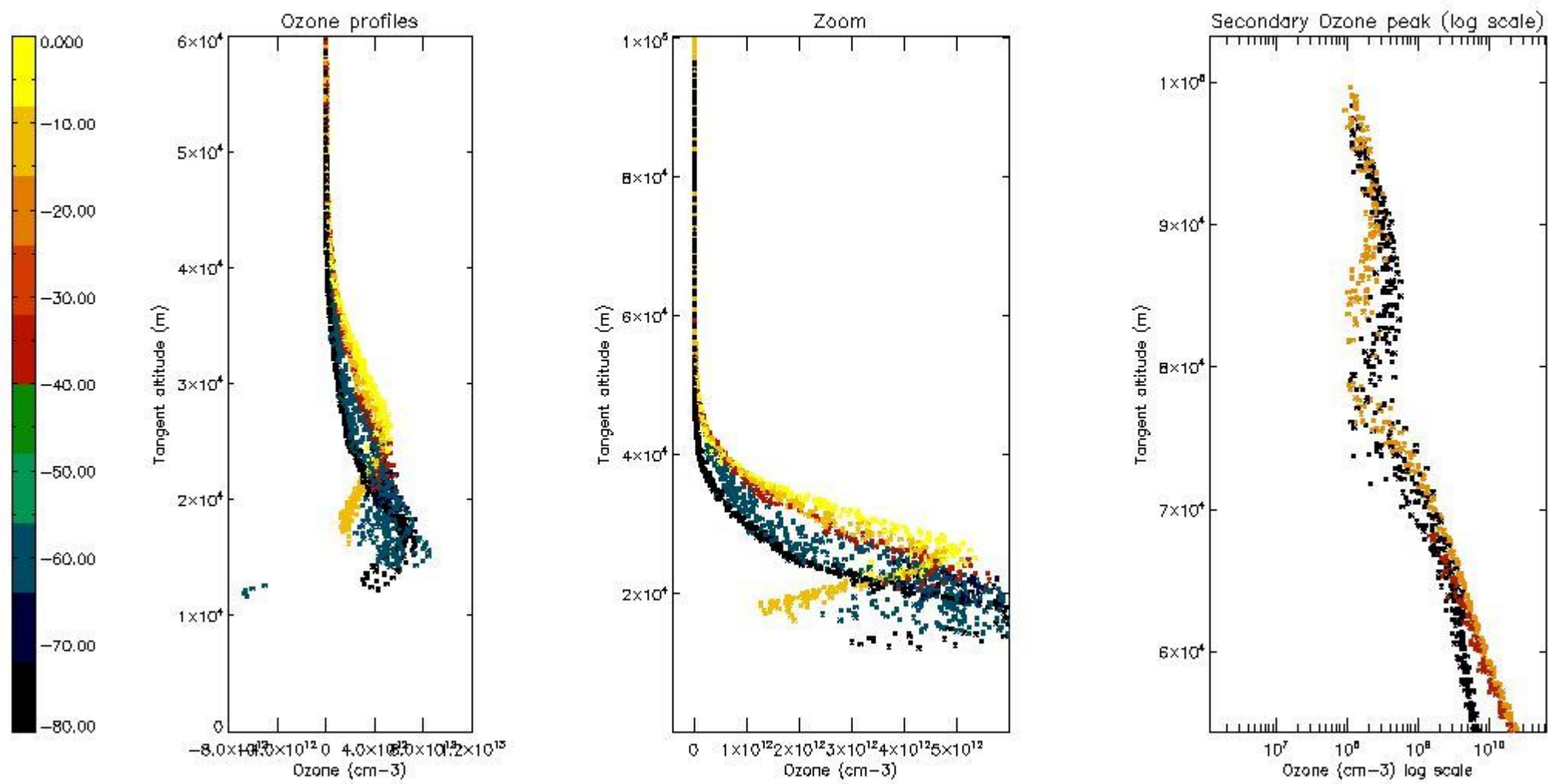
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



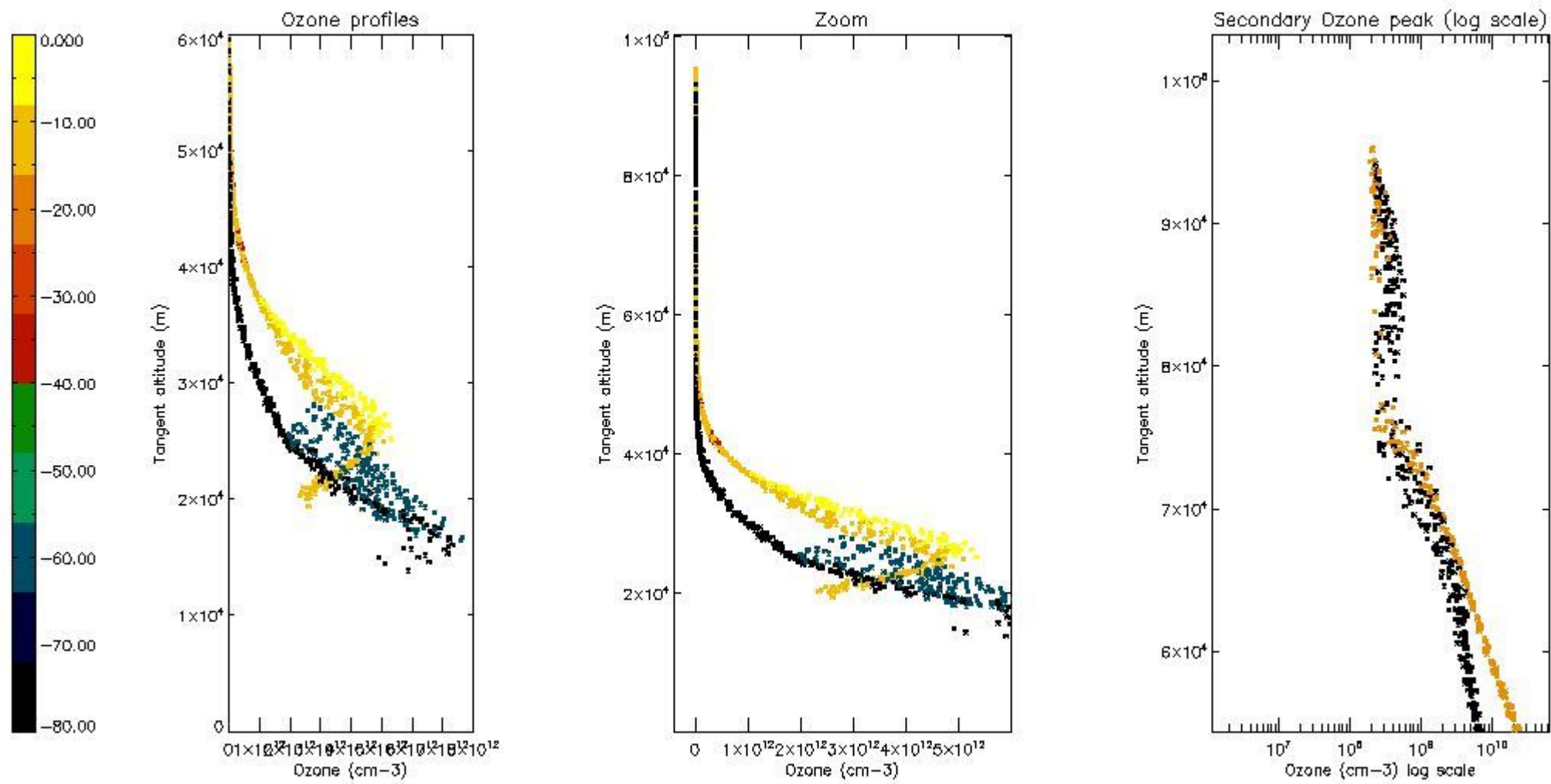
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



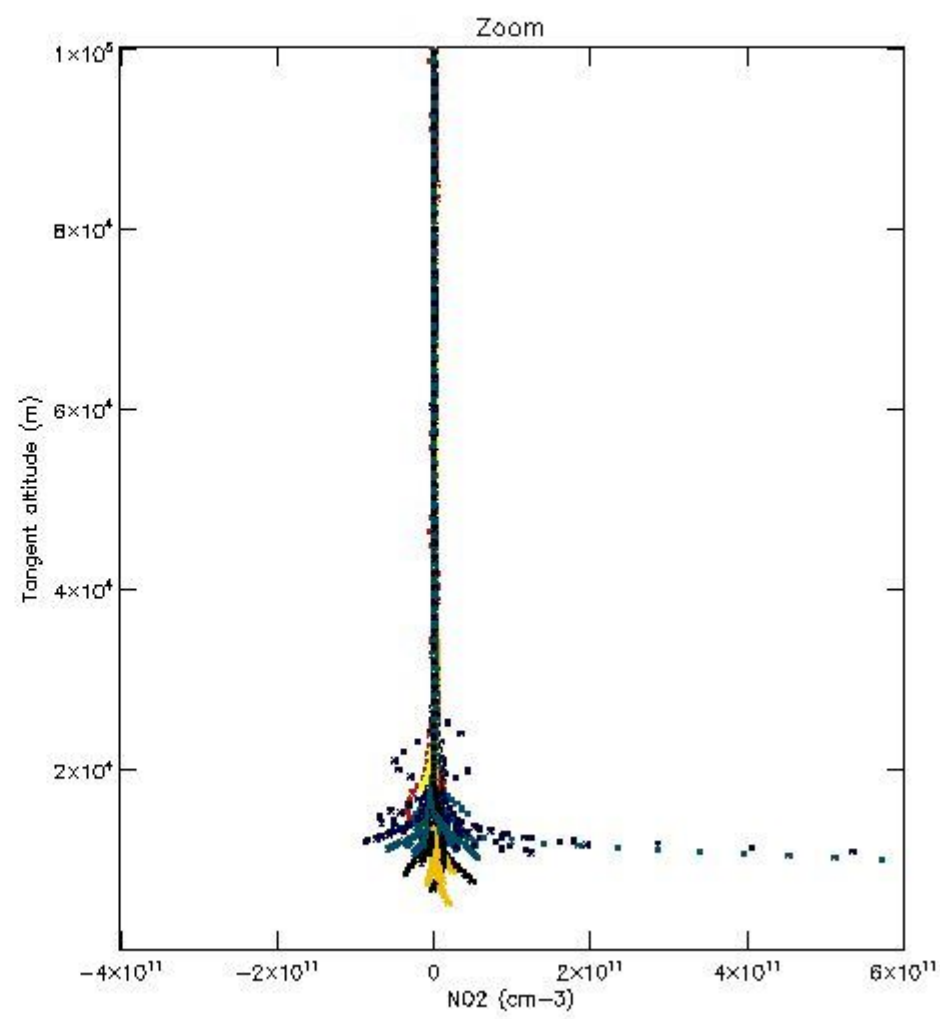
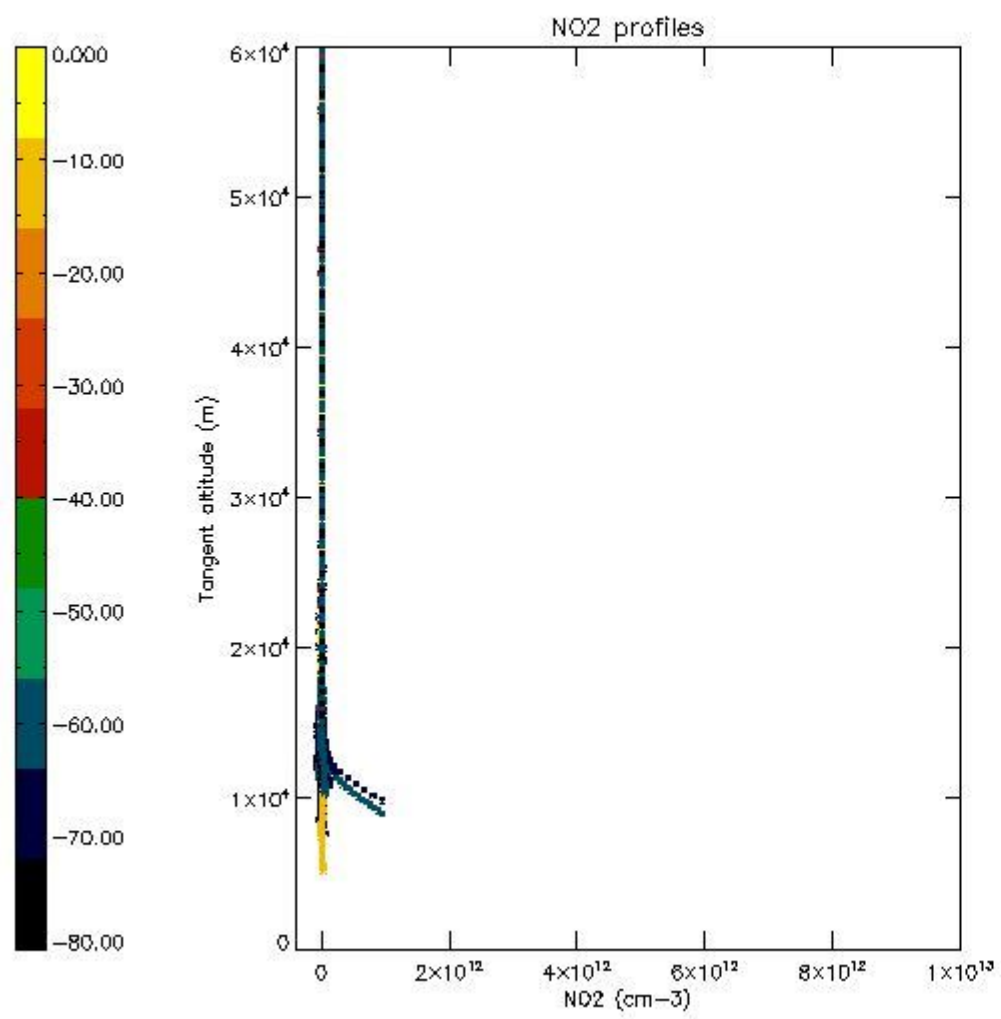
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



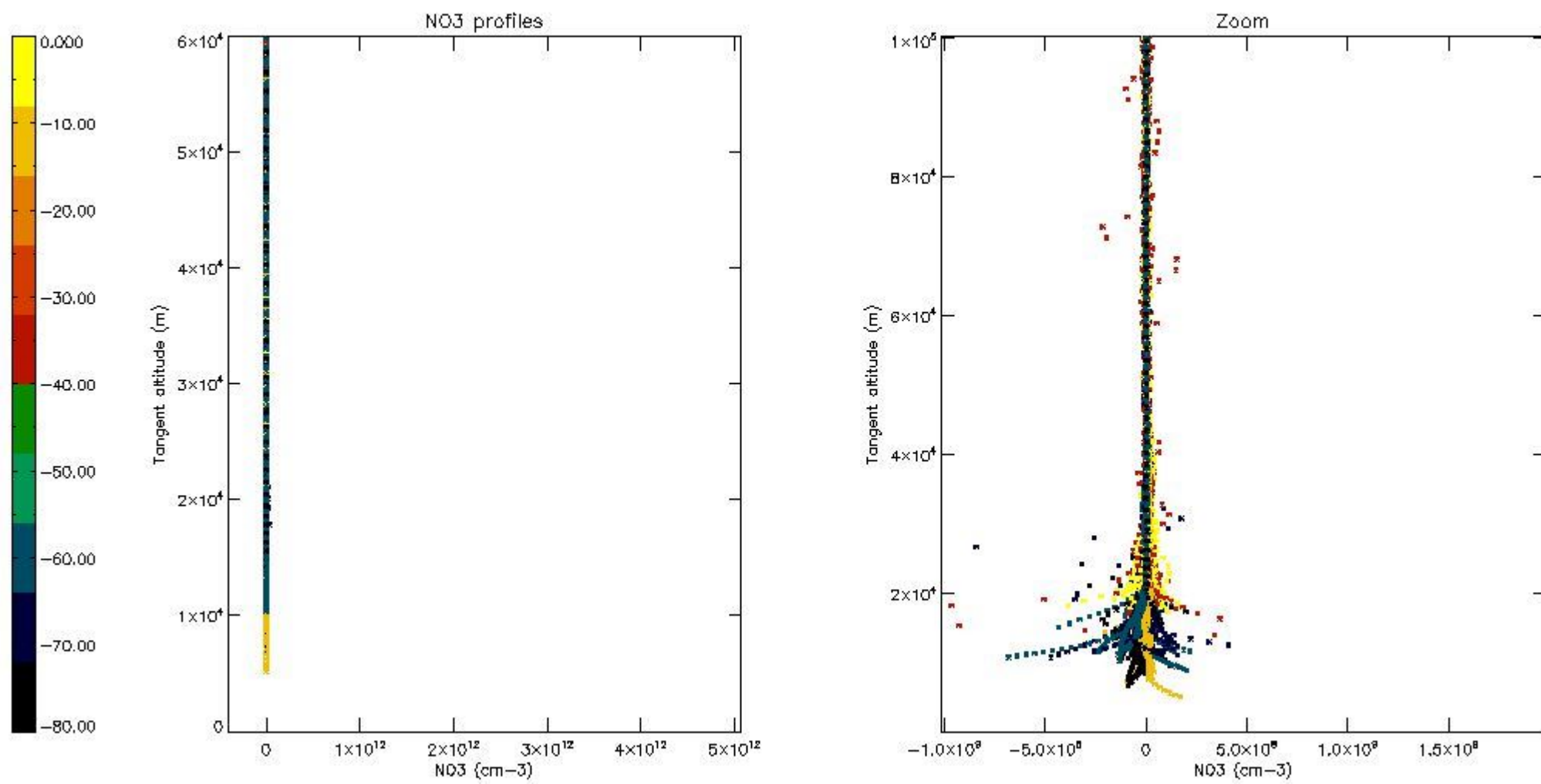
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



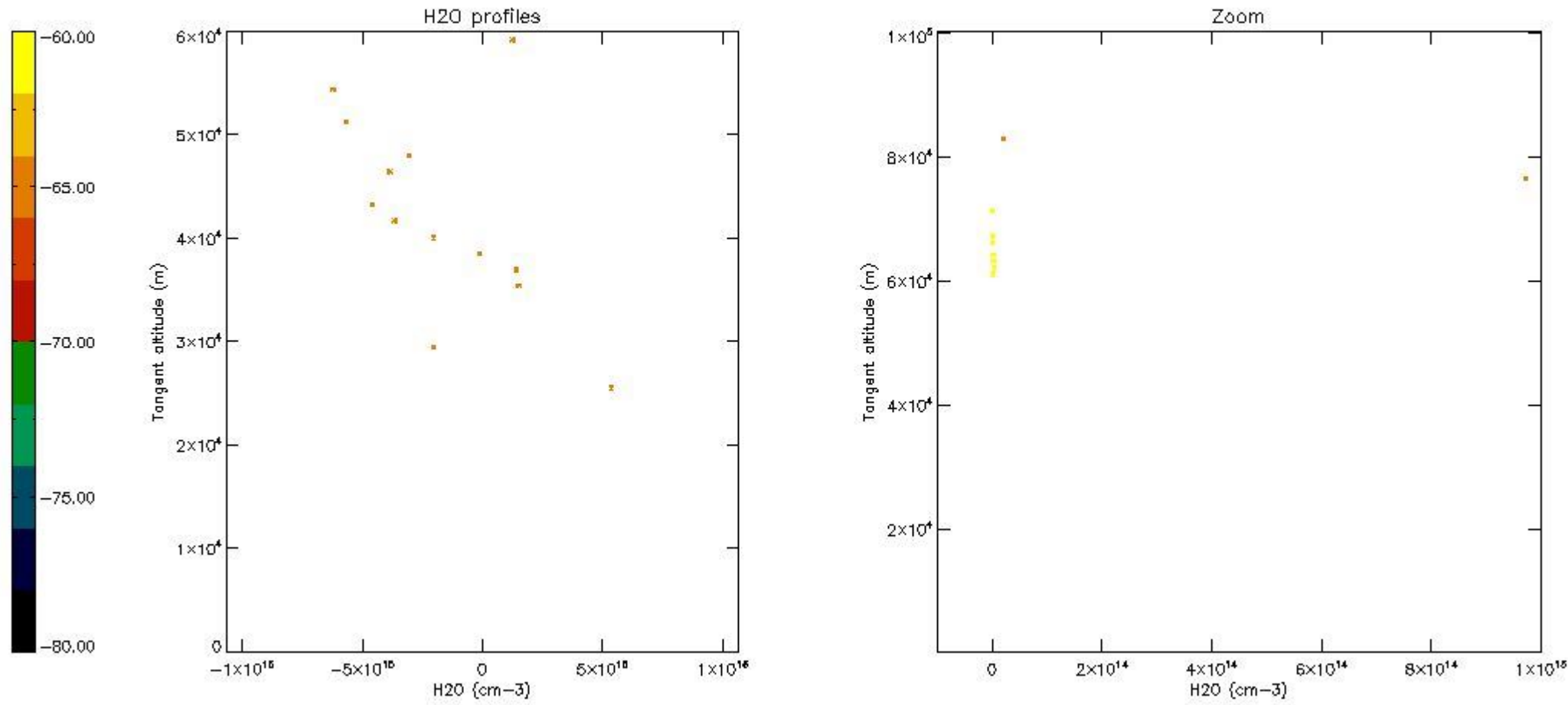
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

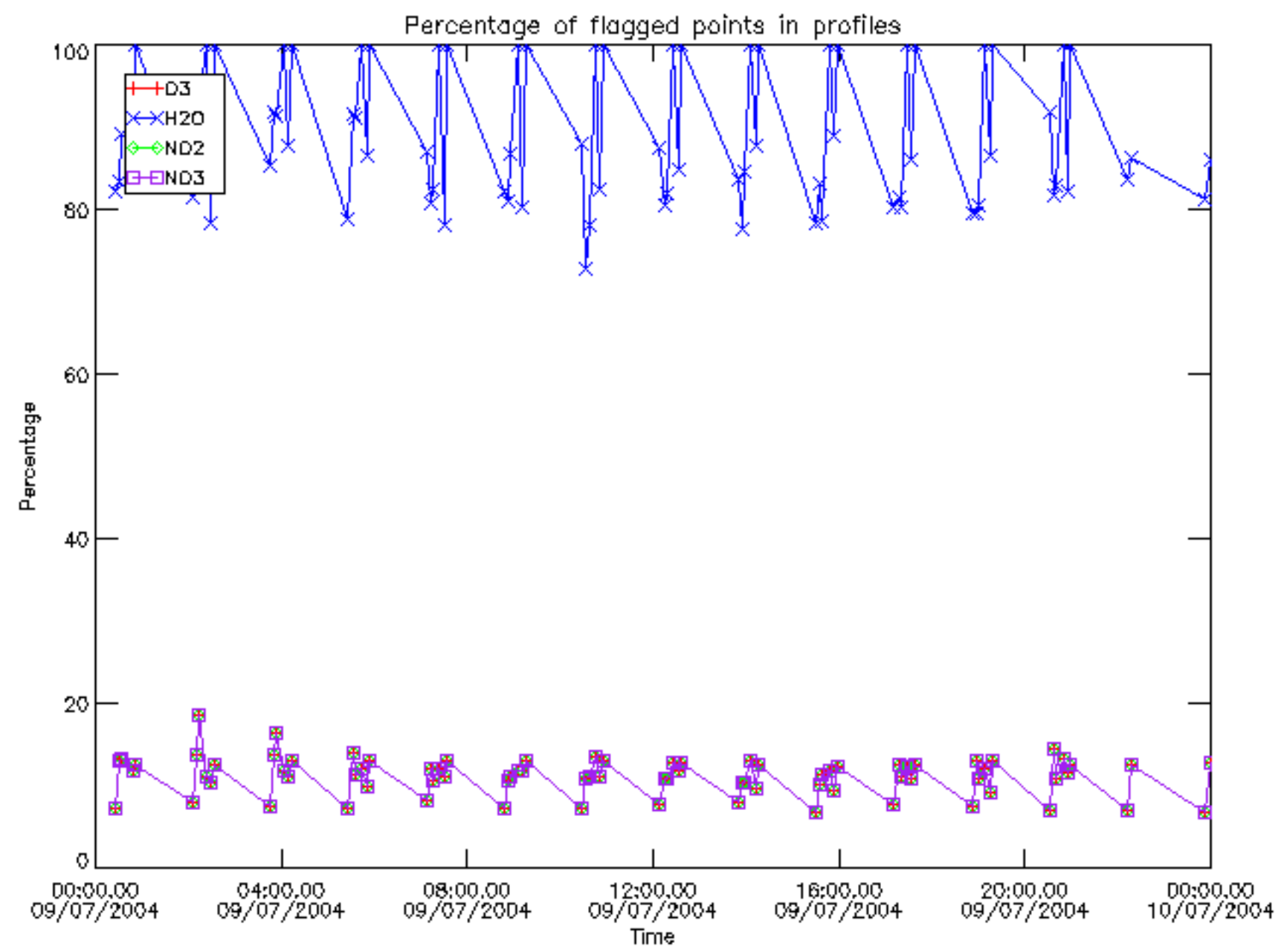
The colorbar represents the latitude.



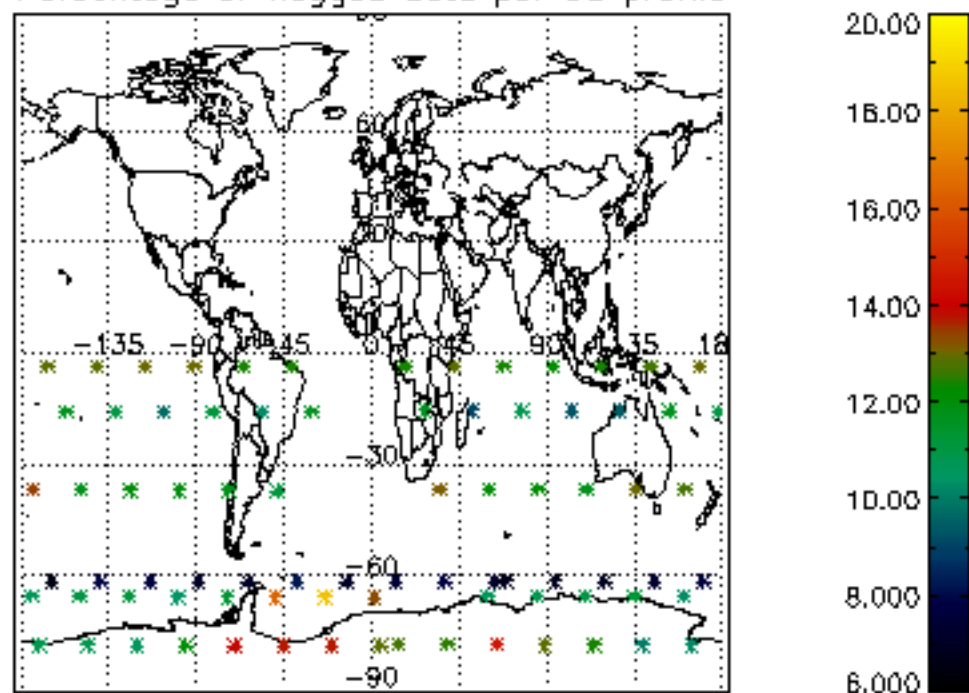
6. Auxiliary Data Files used for the production reported in section 2

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

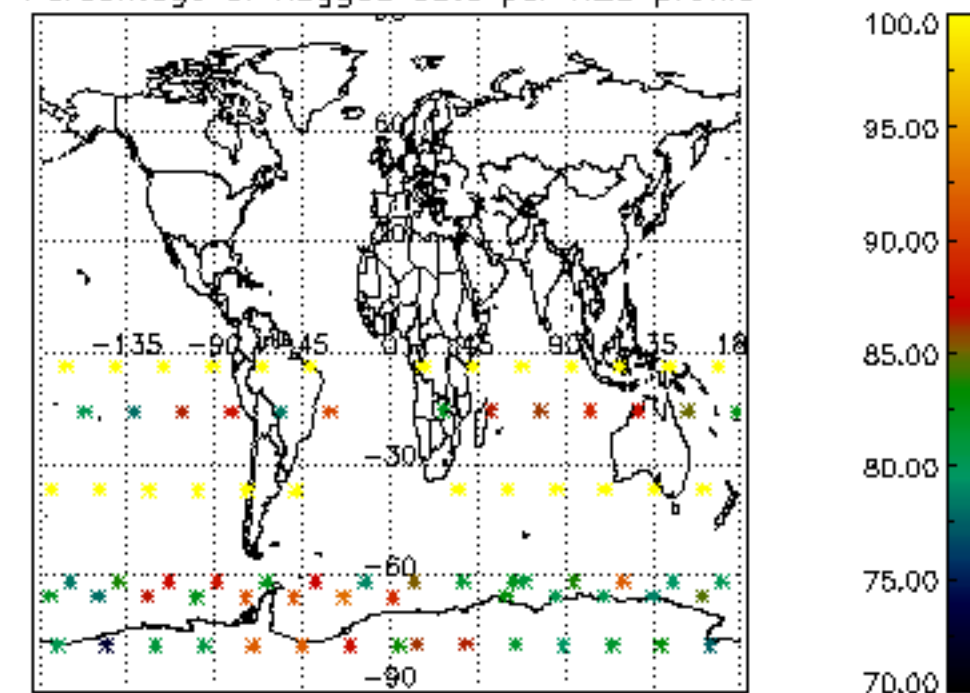
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-JUL-2004 00:03:09
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-JUL-2004 00:03:09
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-JUL-2004 00:03:09



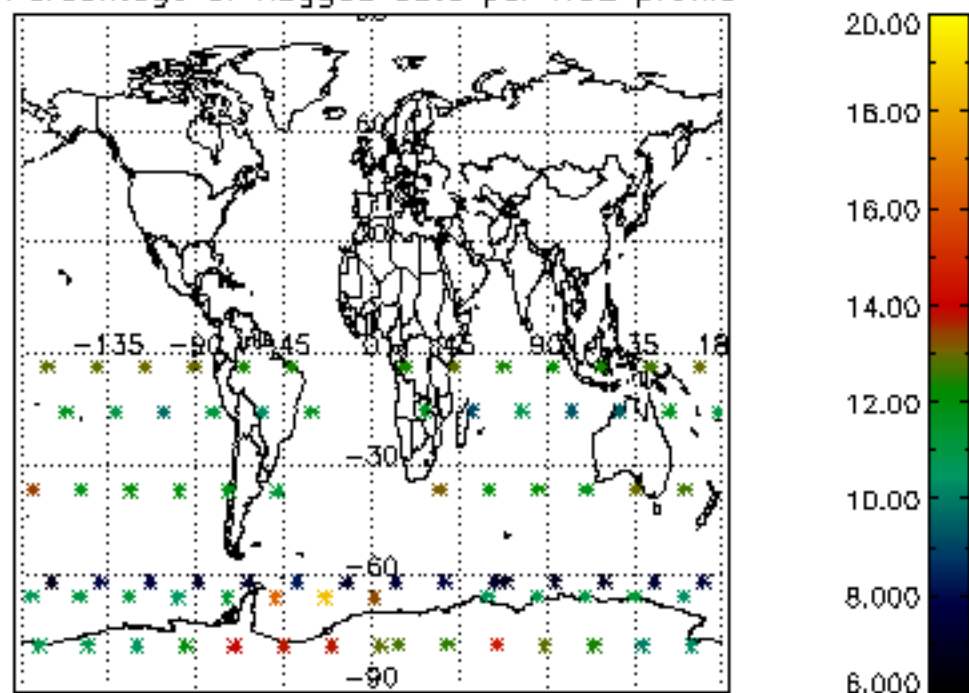
Percentage of flagged data per D3 profile



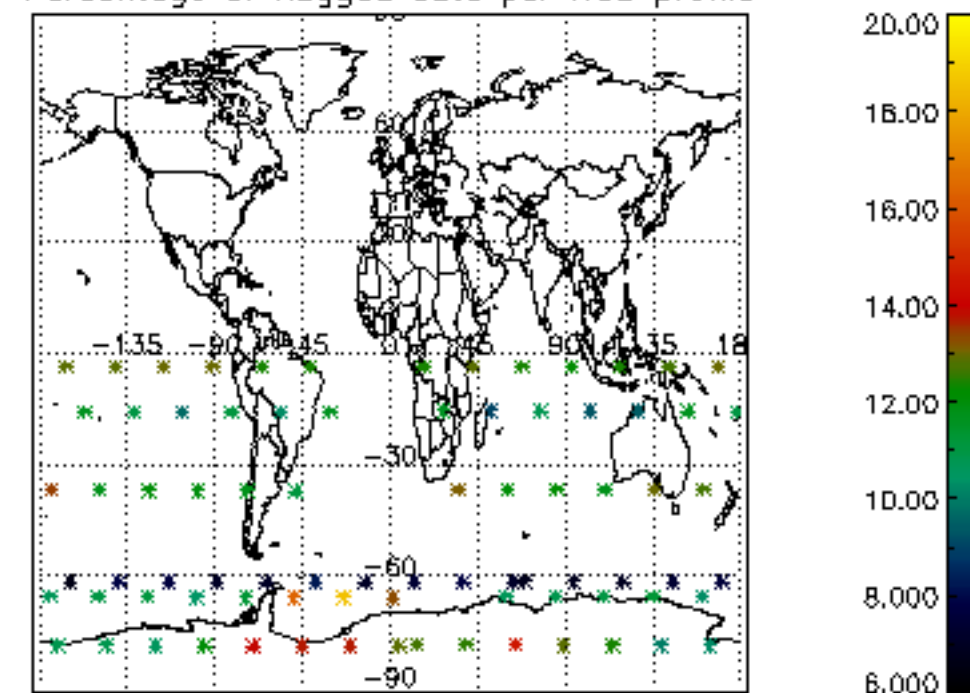
Percentage of flagged data per H2O profile

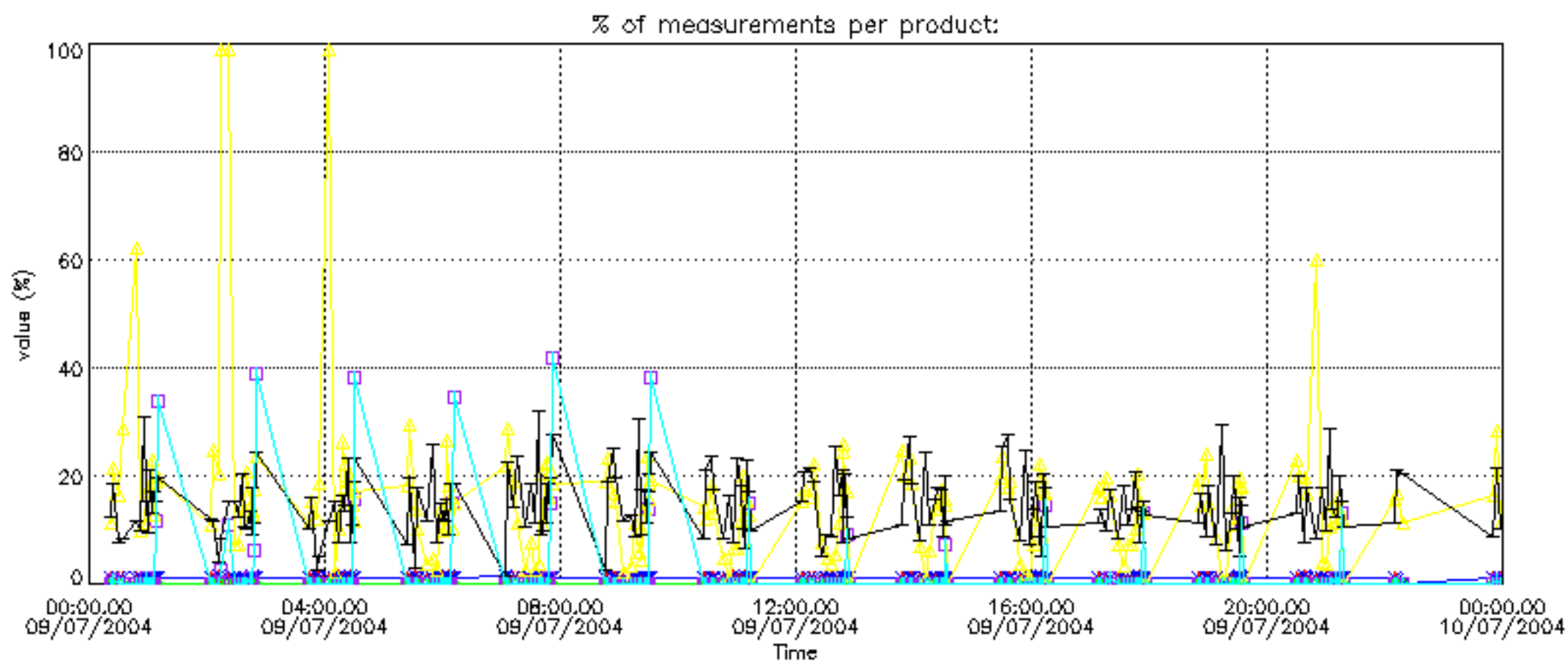


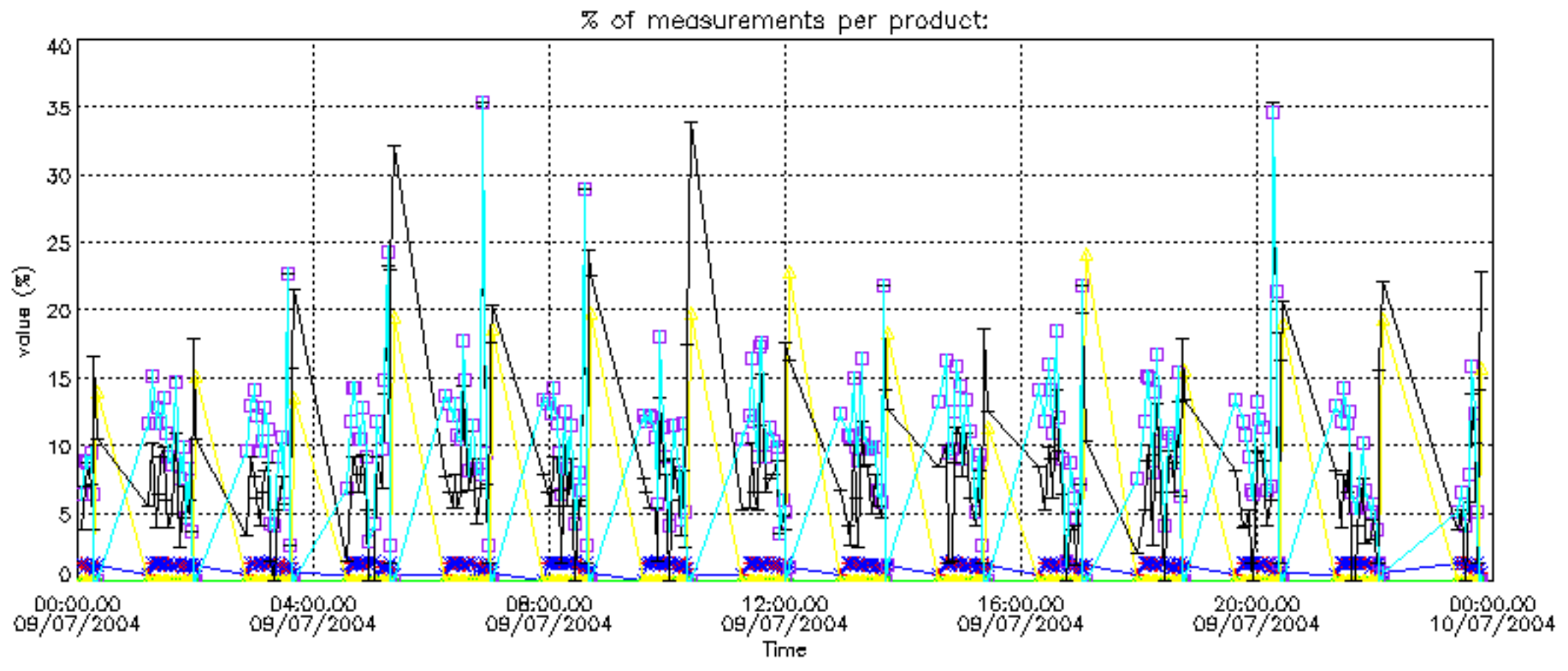
Percentage of flagged data per NO2 profile



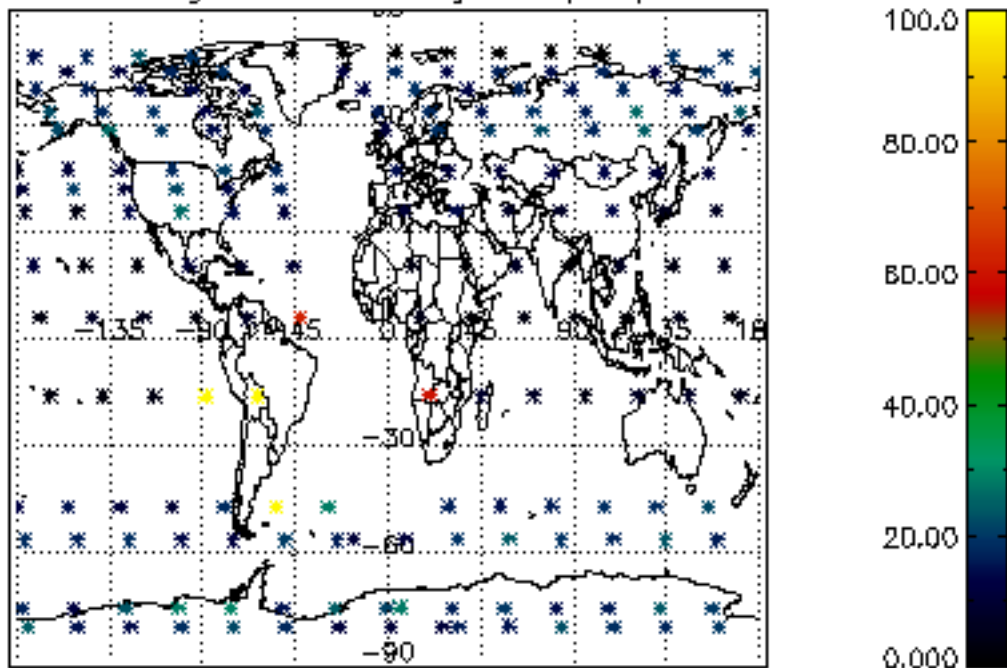
Percentage of flagged data per NO3 profile



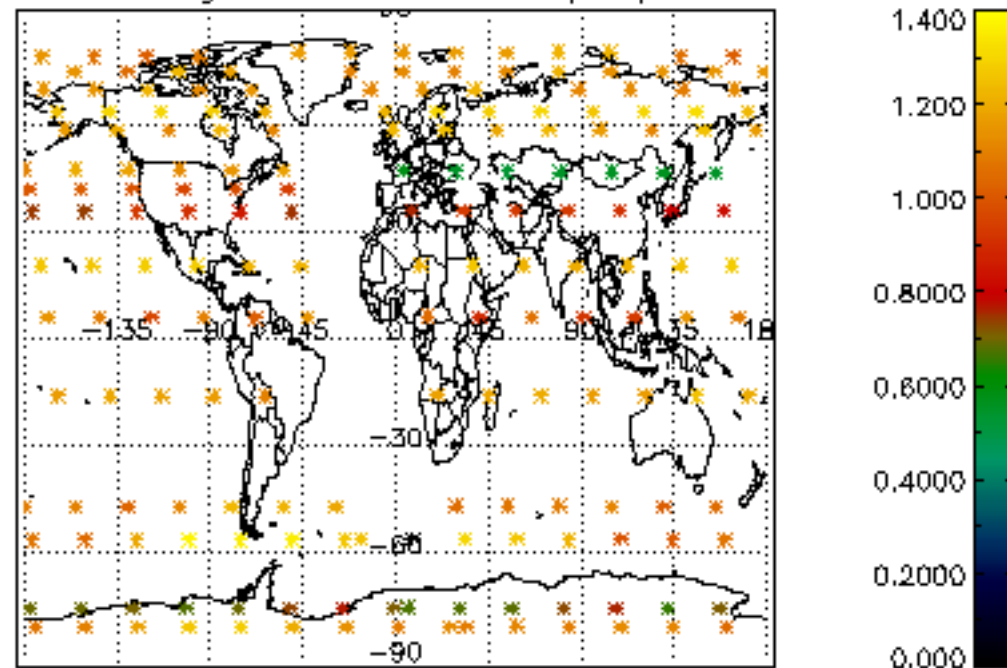




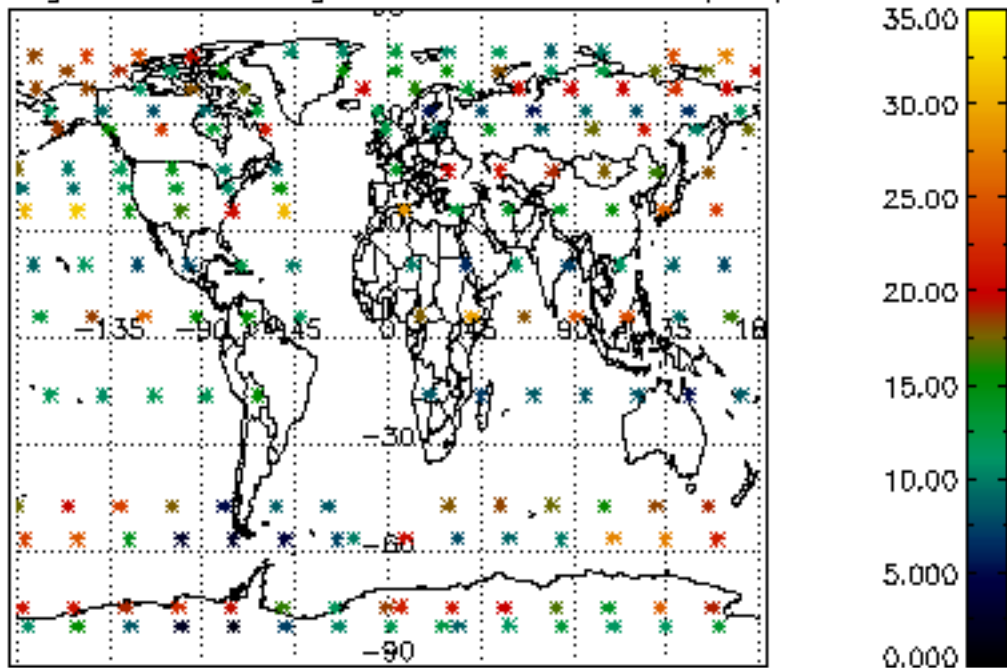
Percentage of cosmic ray hits per profile



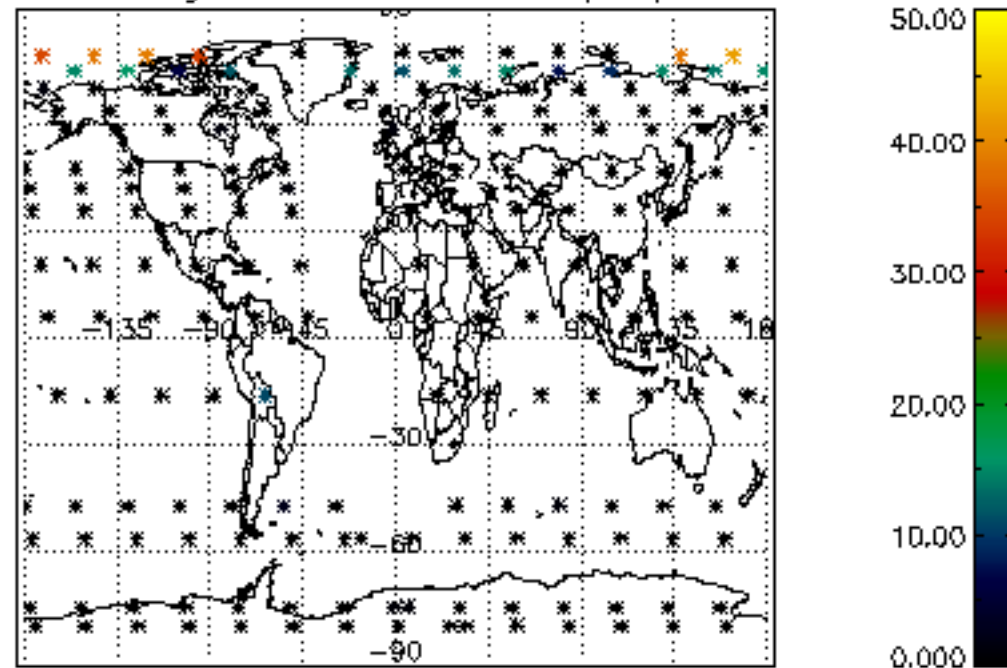
Percentage of datation errors per profile



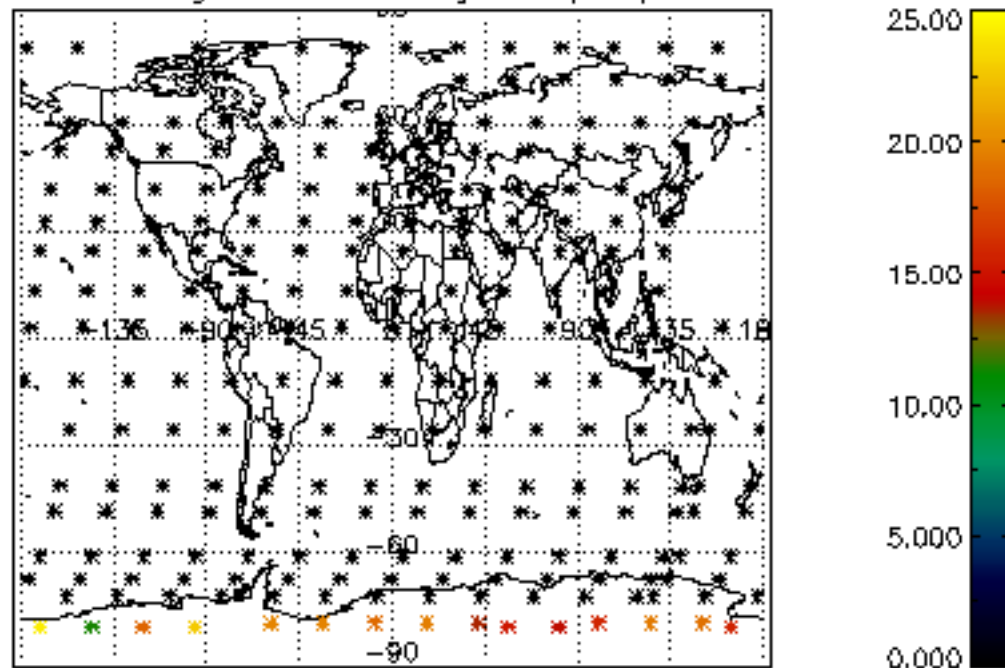
Percentage of star falling outside central band per profile



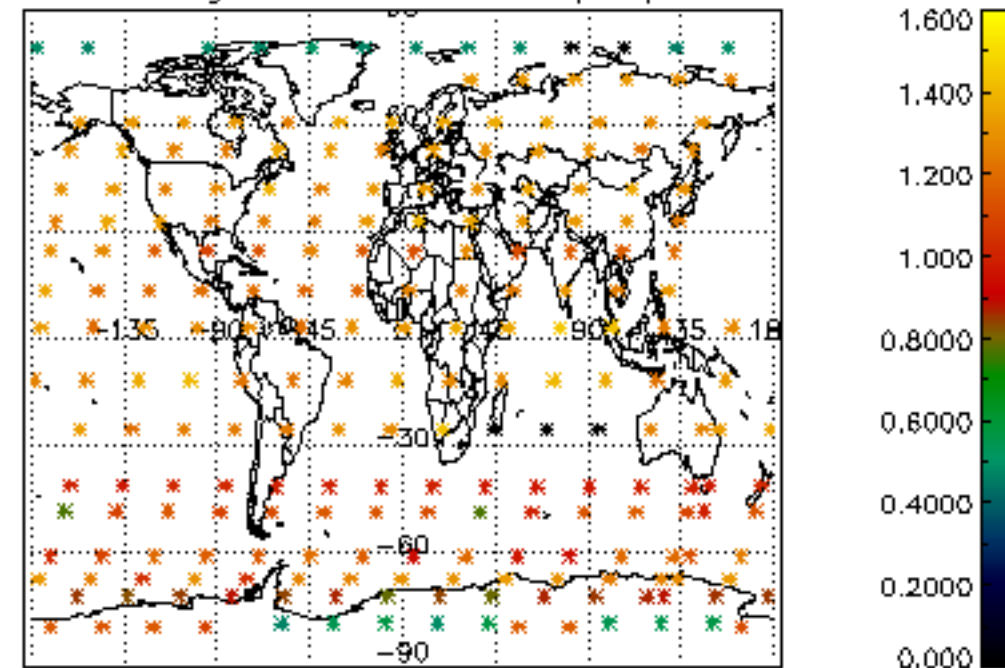
Percentage of saturation errors per profile



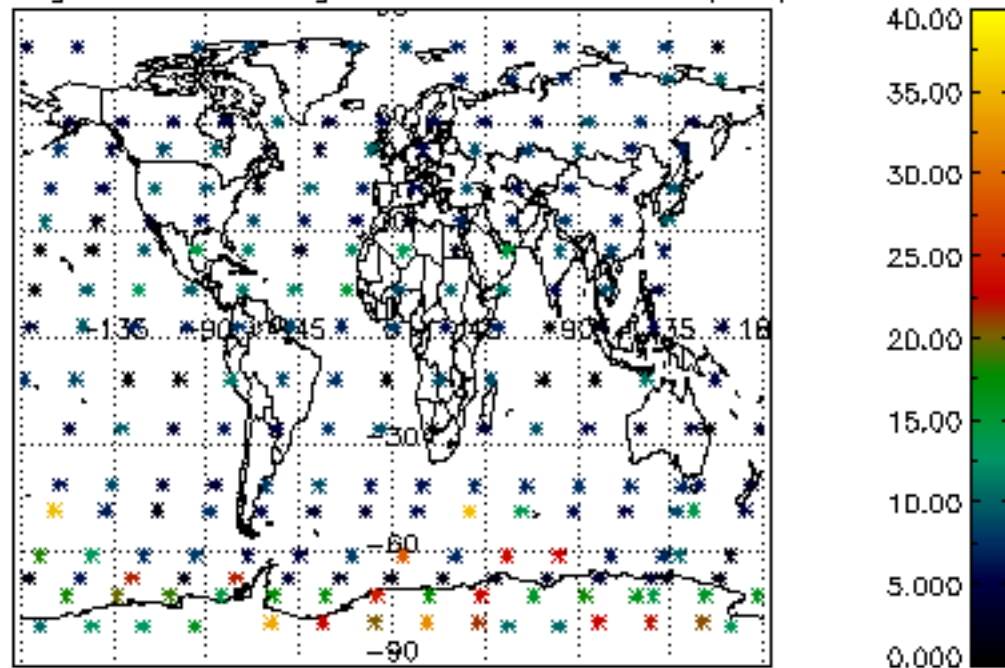
Percentage of cosmic ray hits per profile



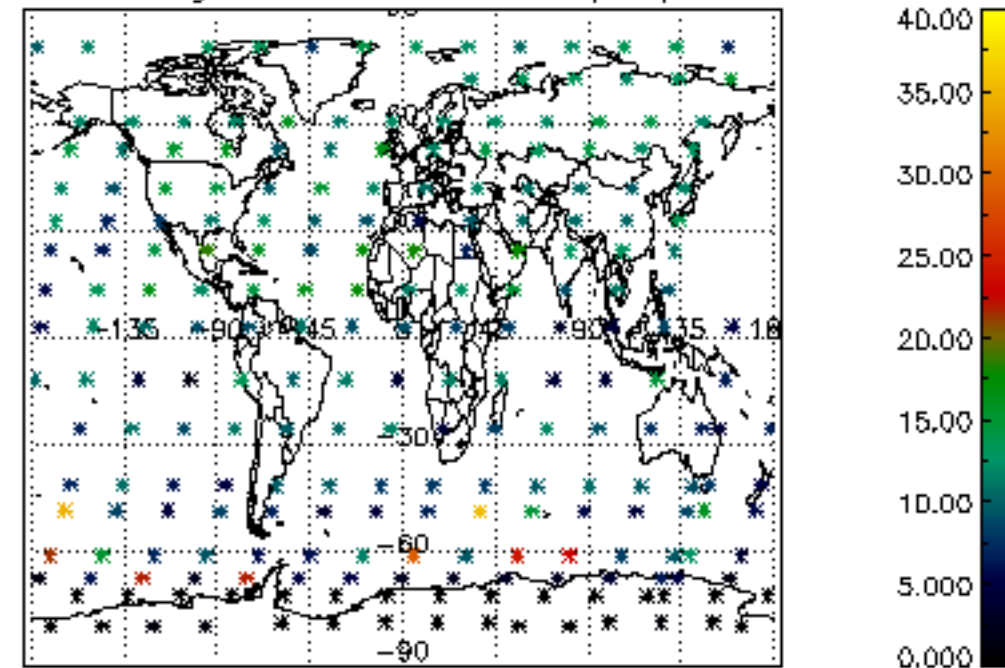
Percentage of datation errors per profile

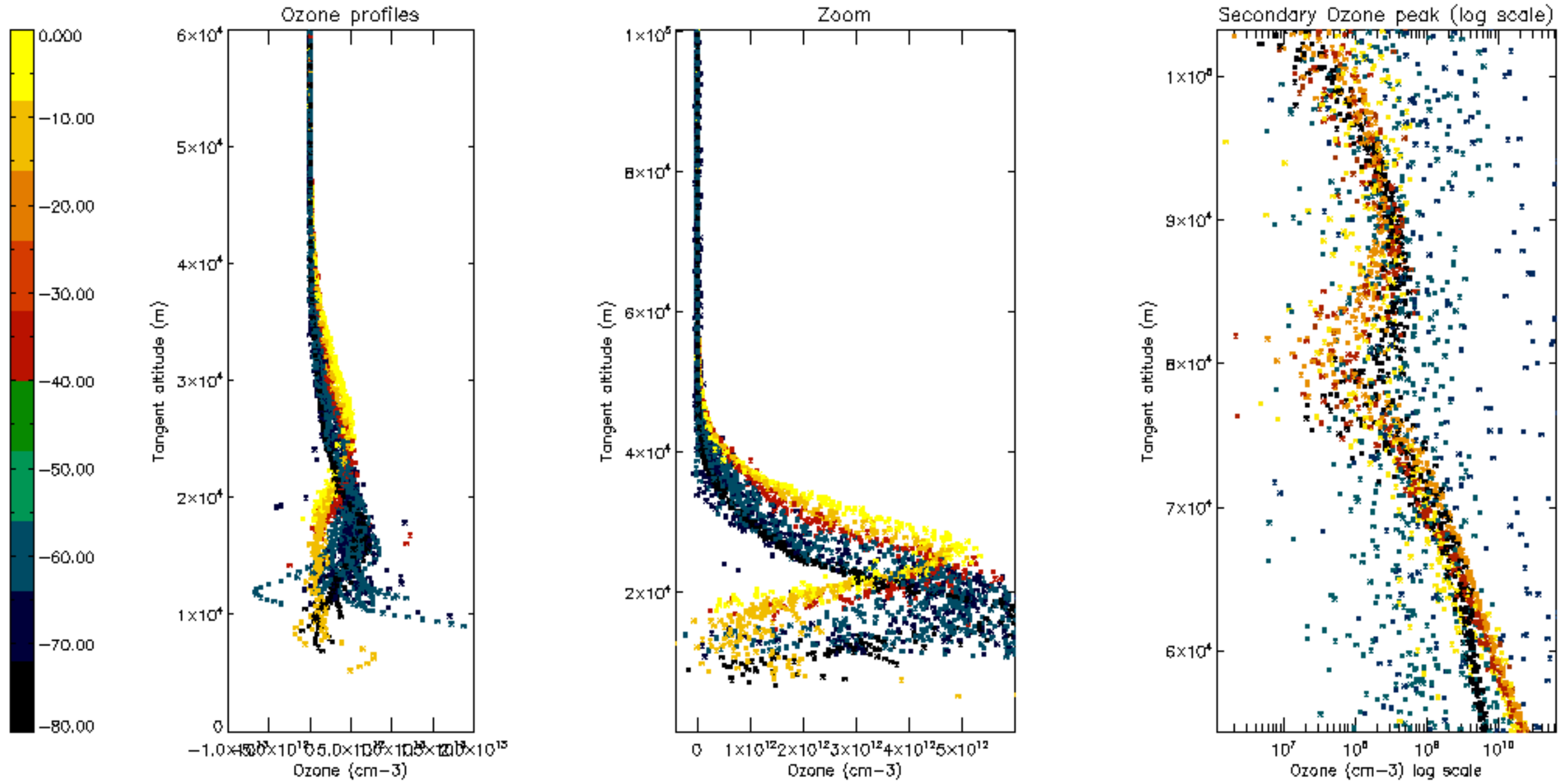


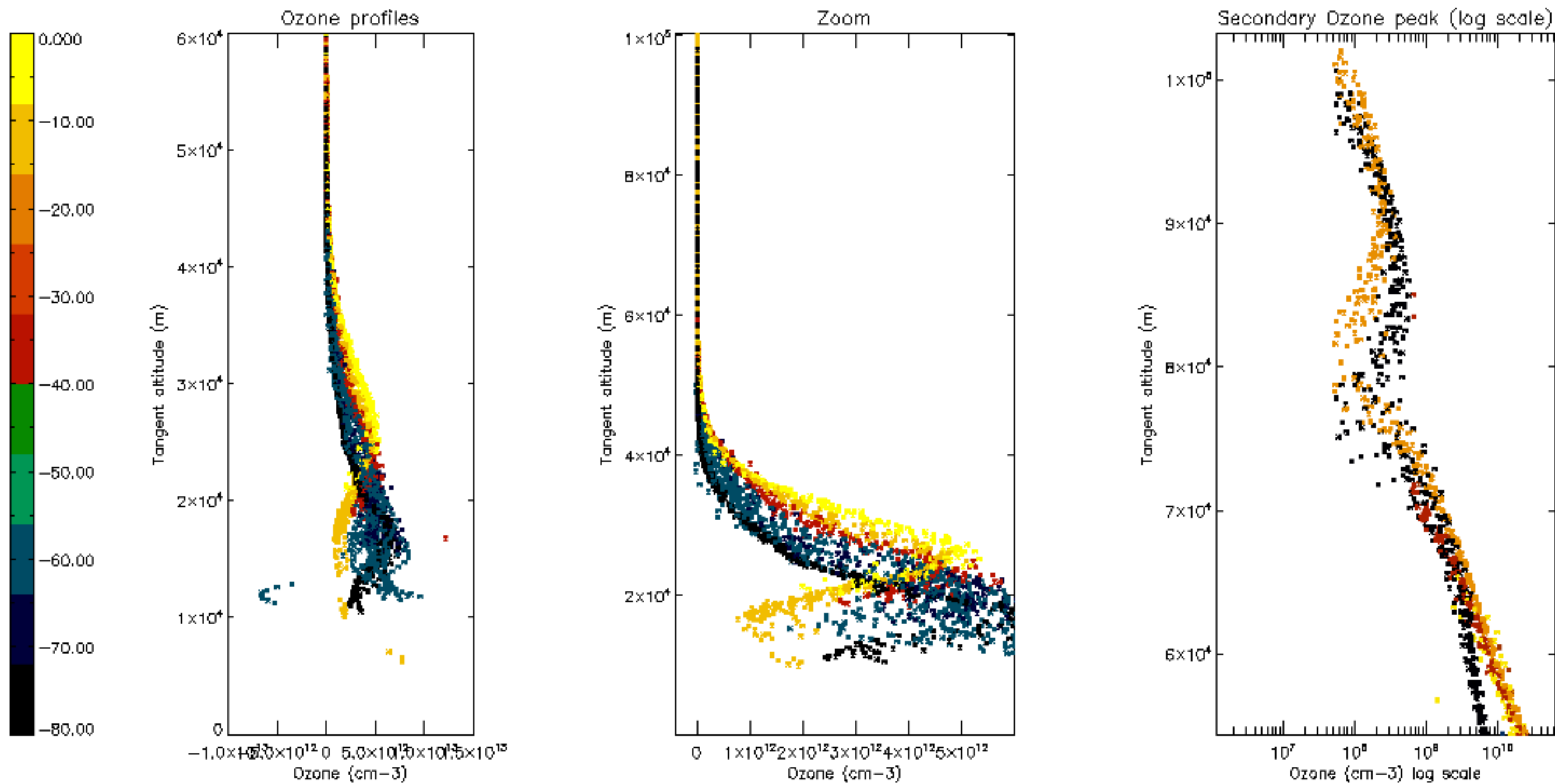
Percentage of star falling outside central band per profile

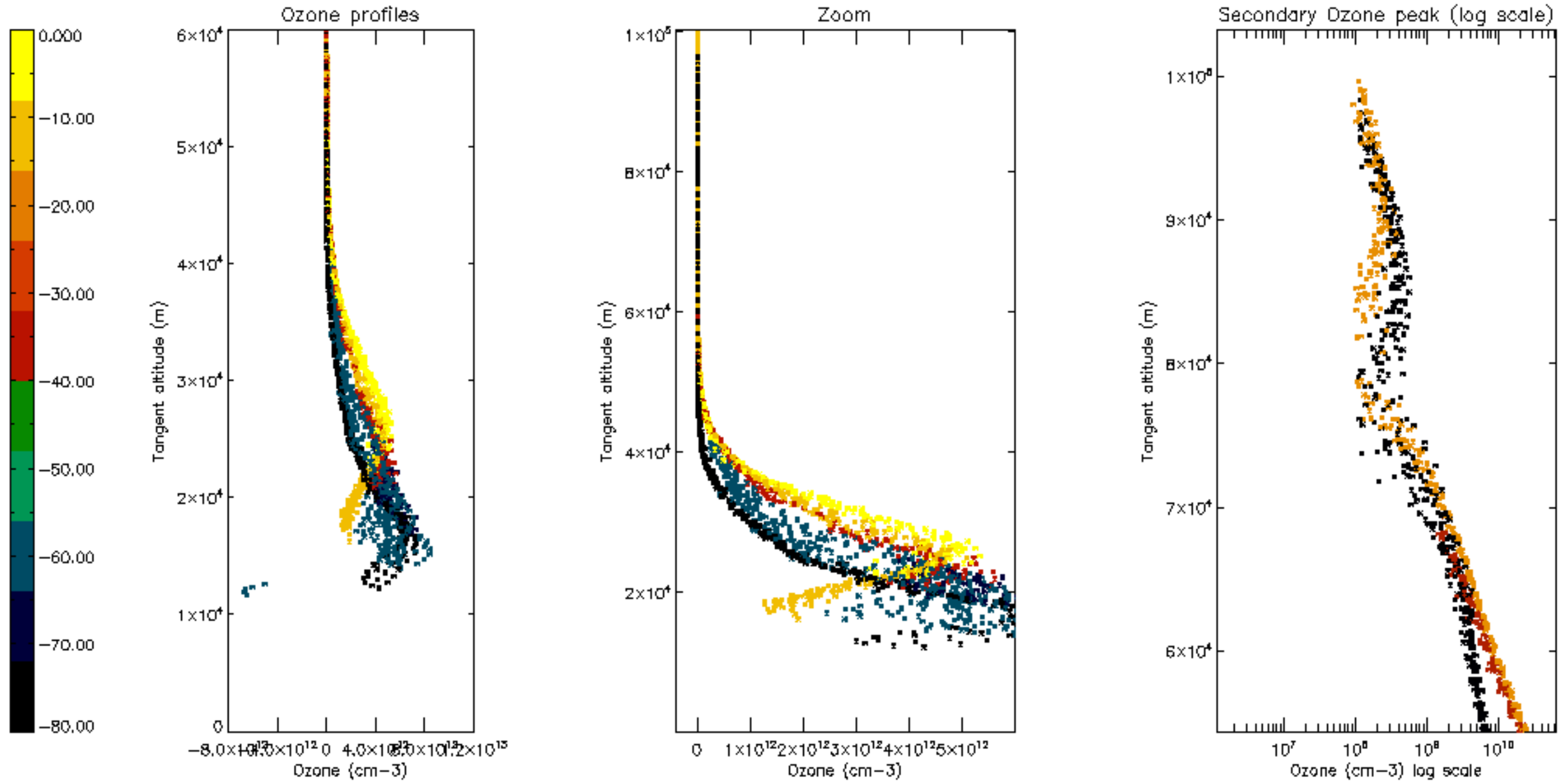


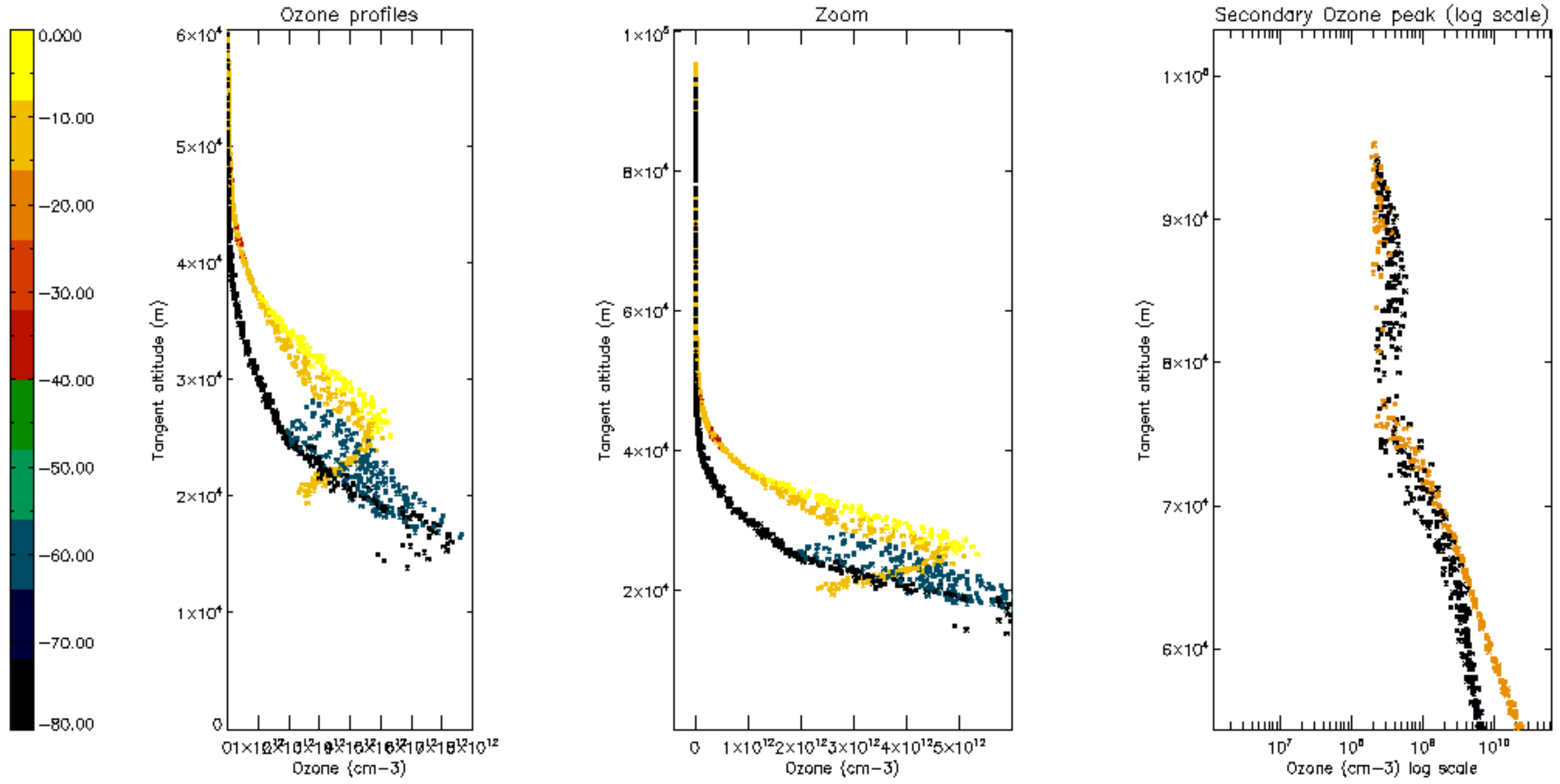
Percentage of saturation errors per profile

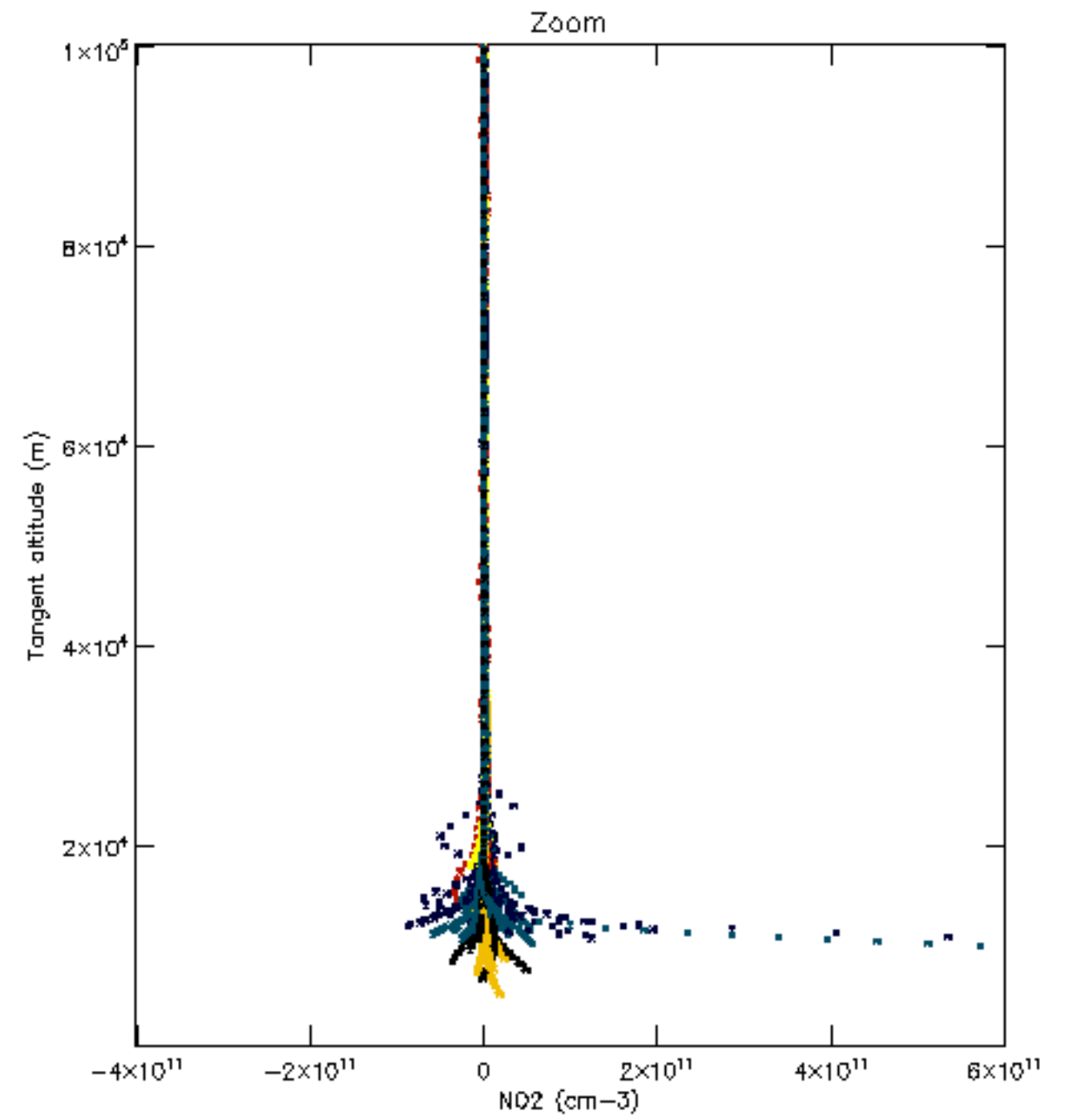
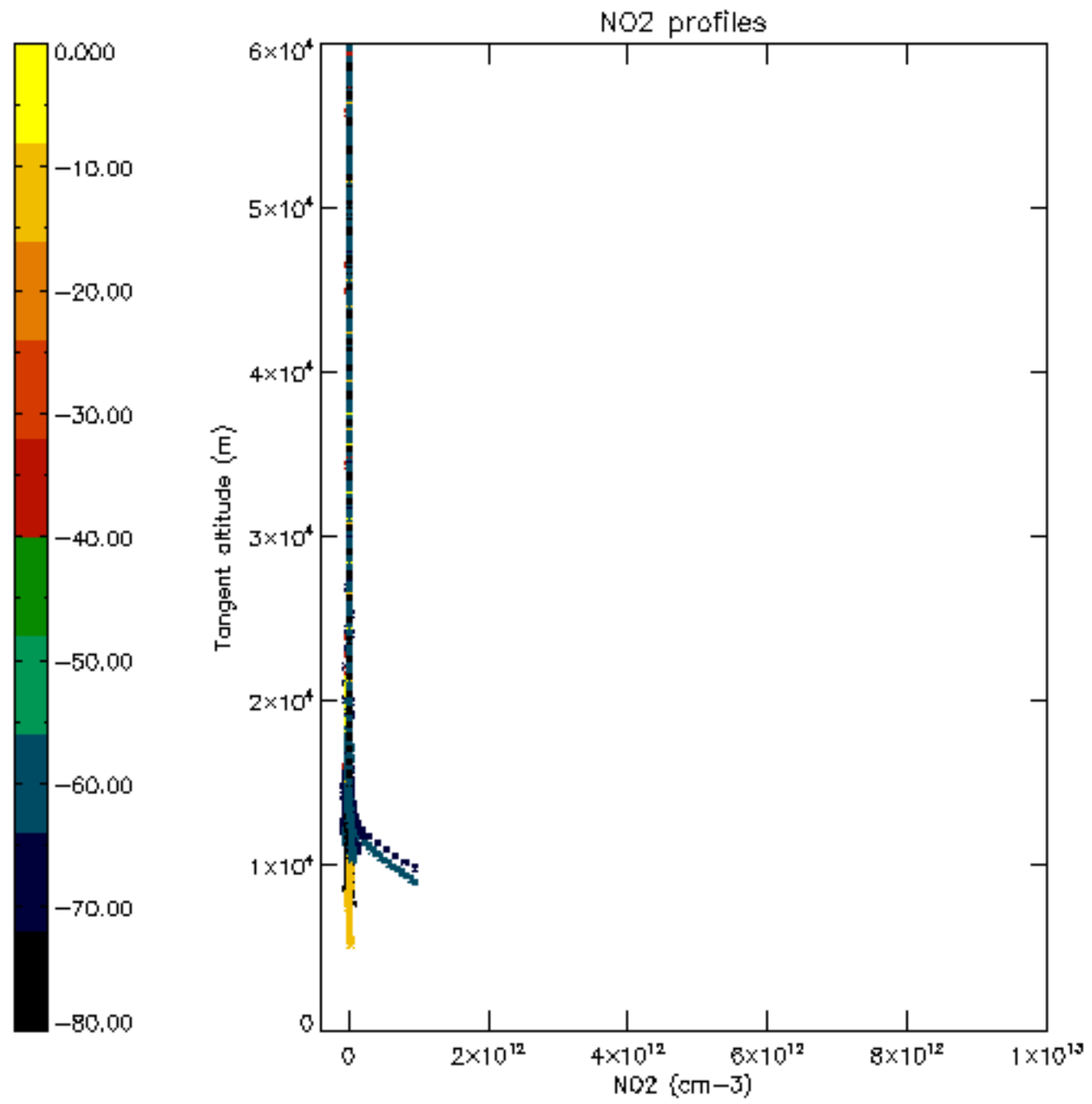


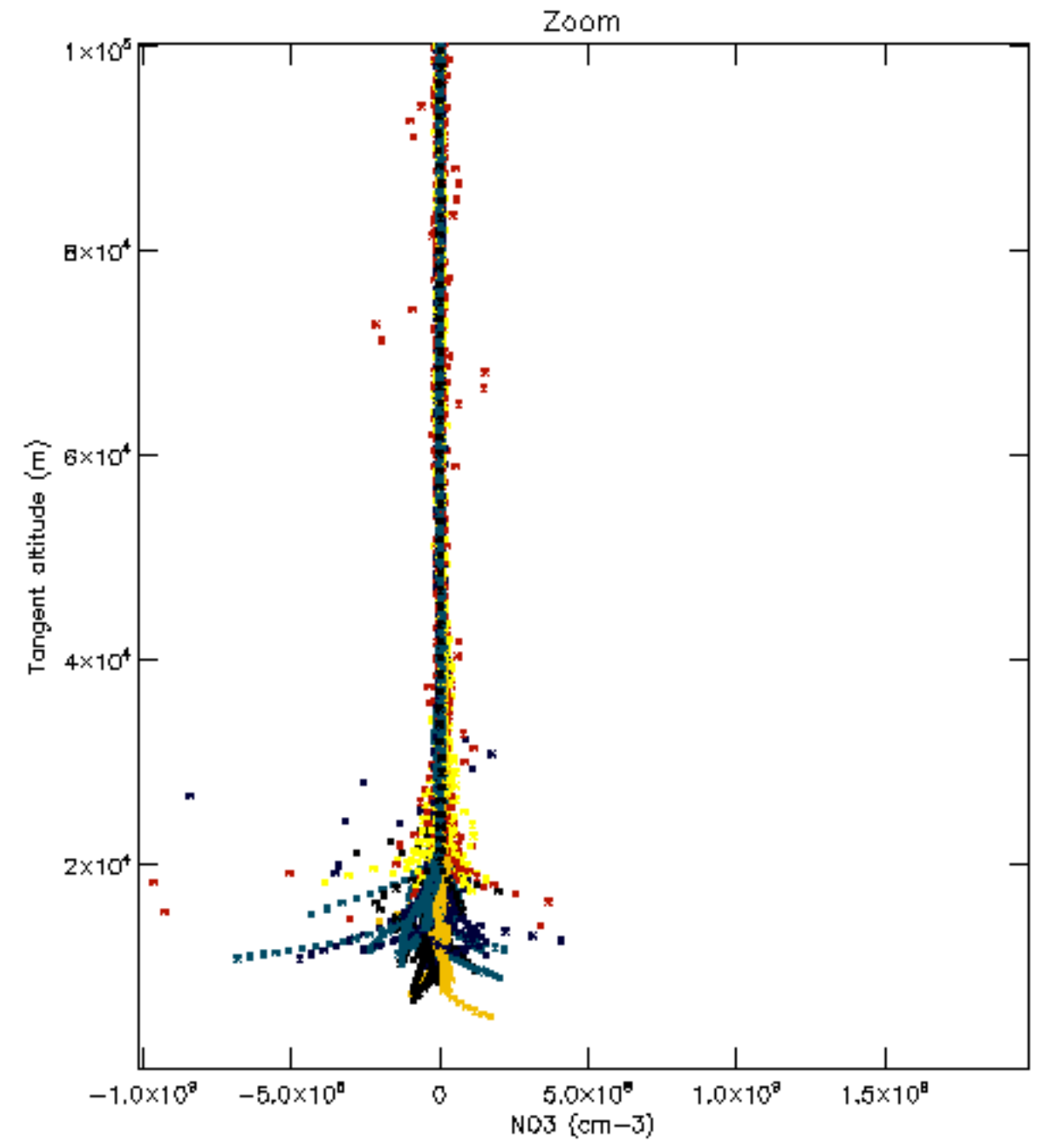
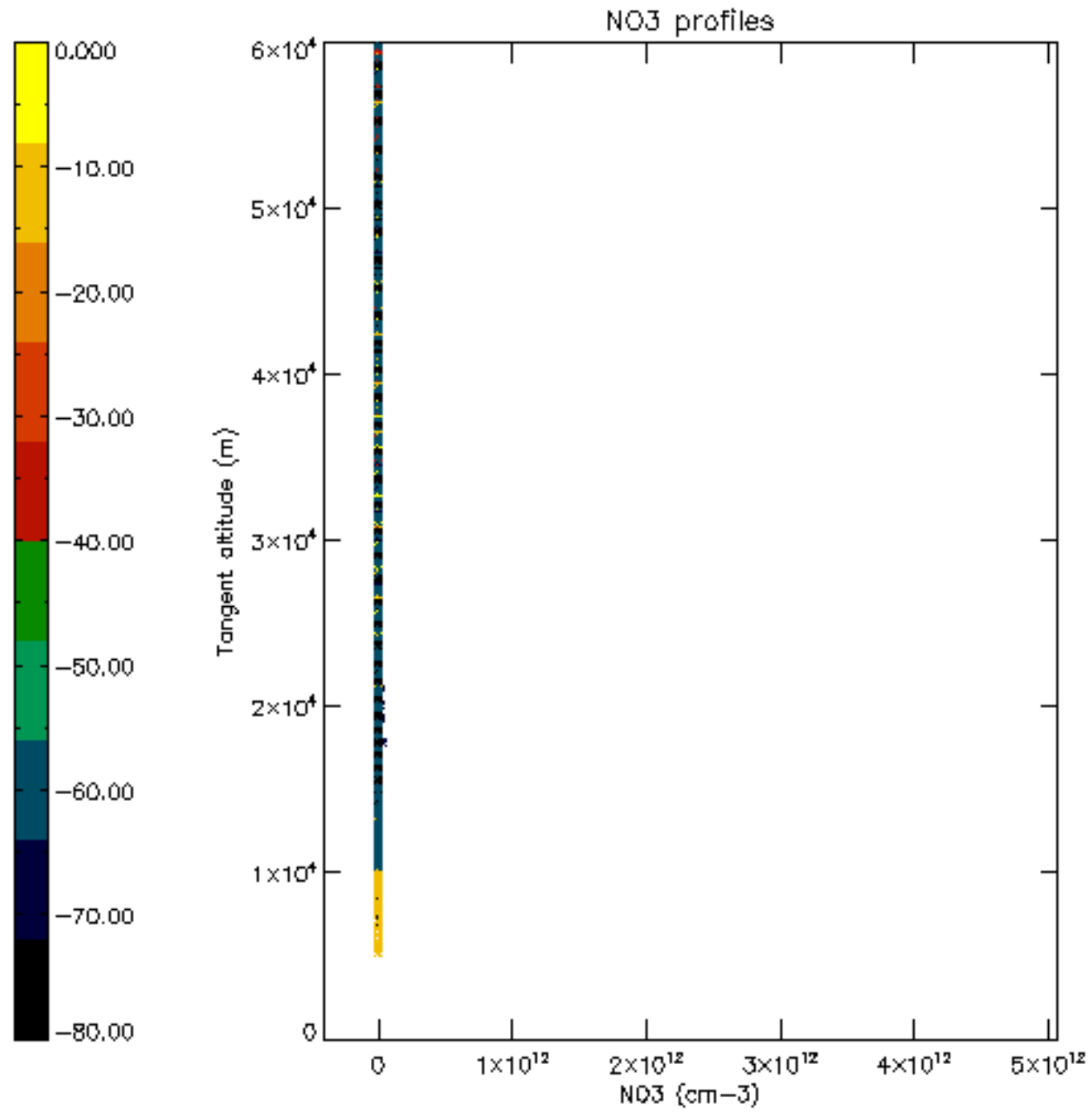


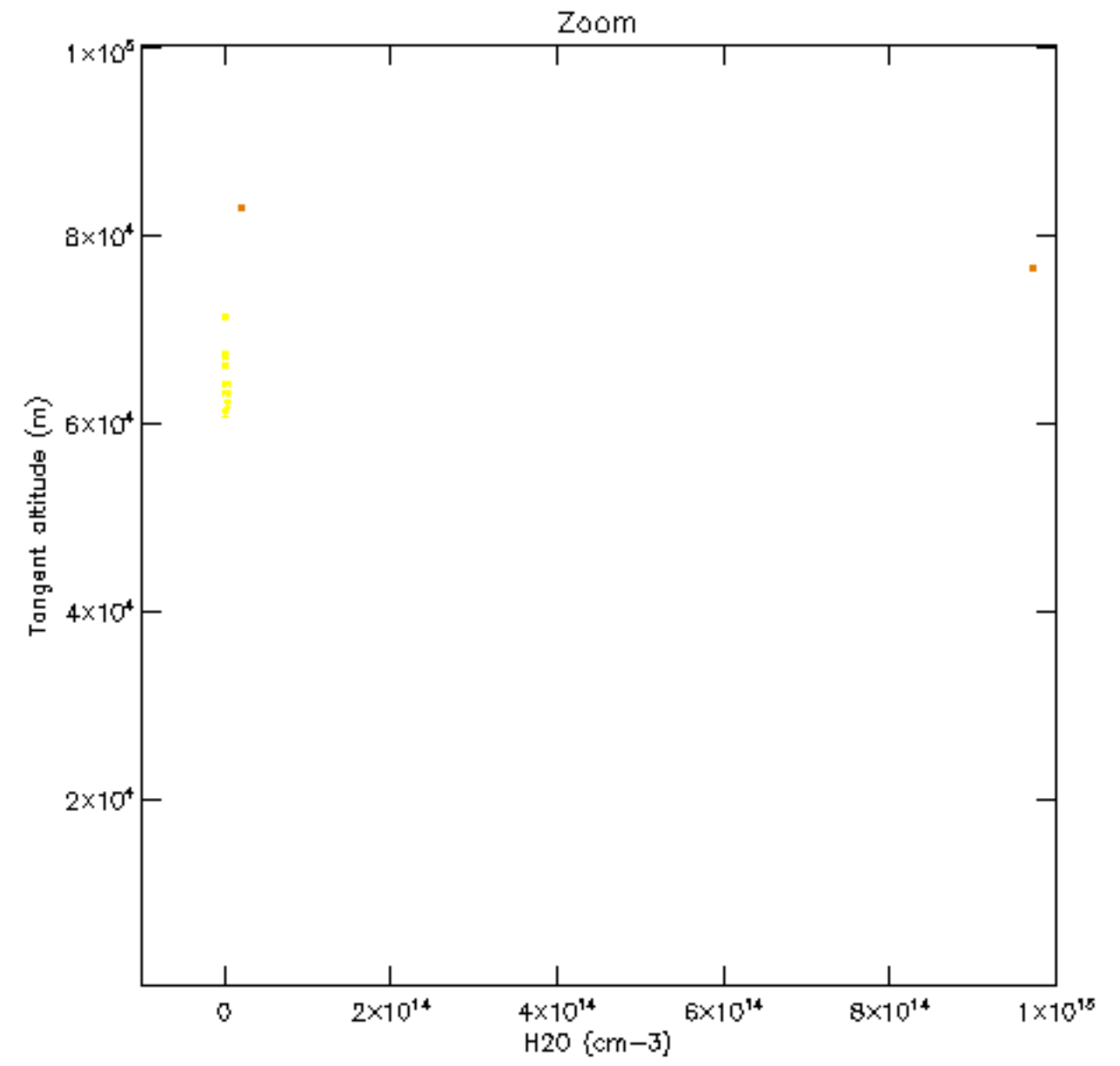
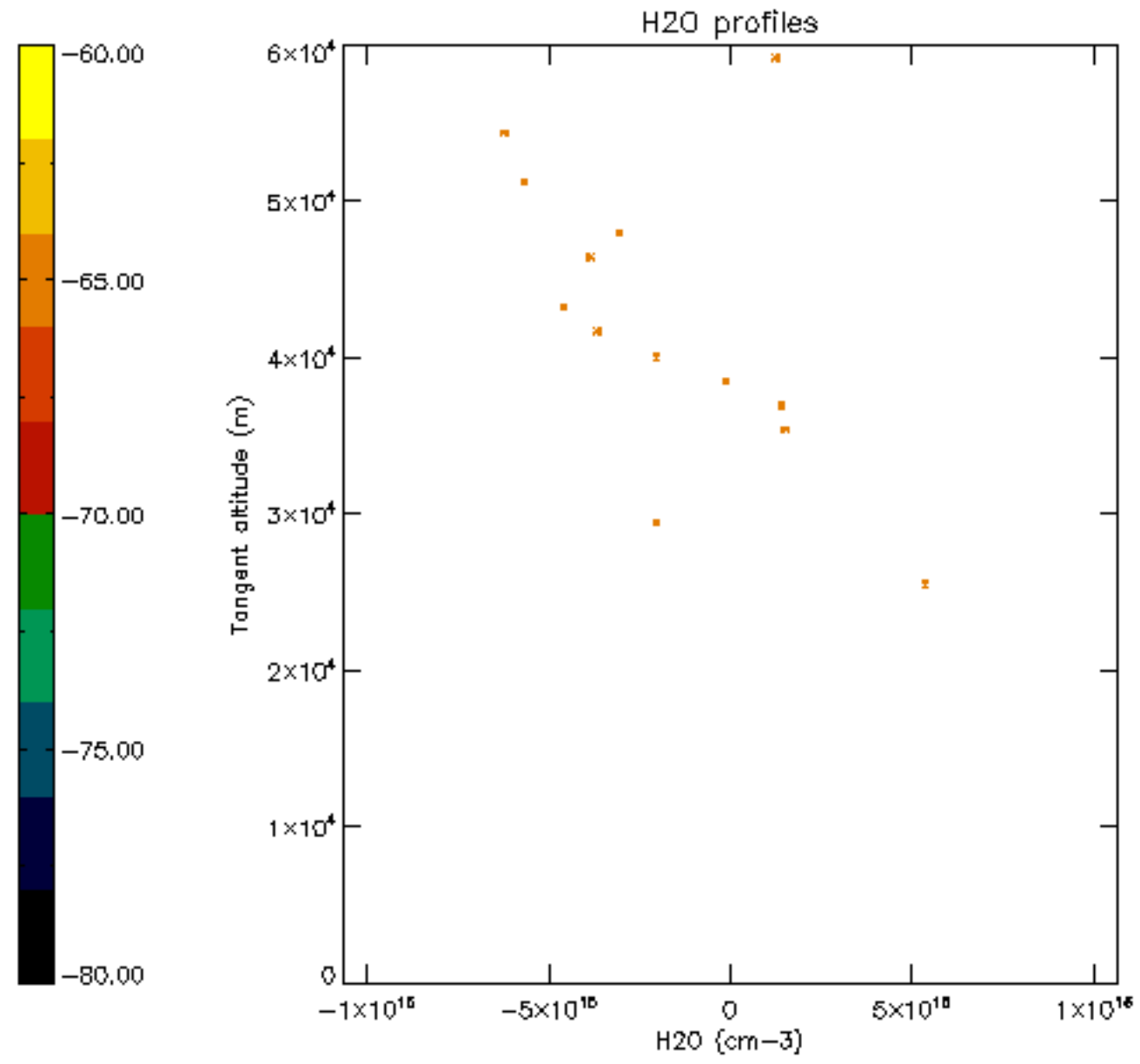


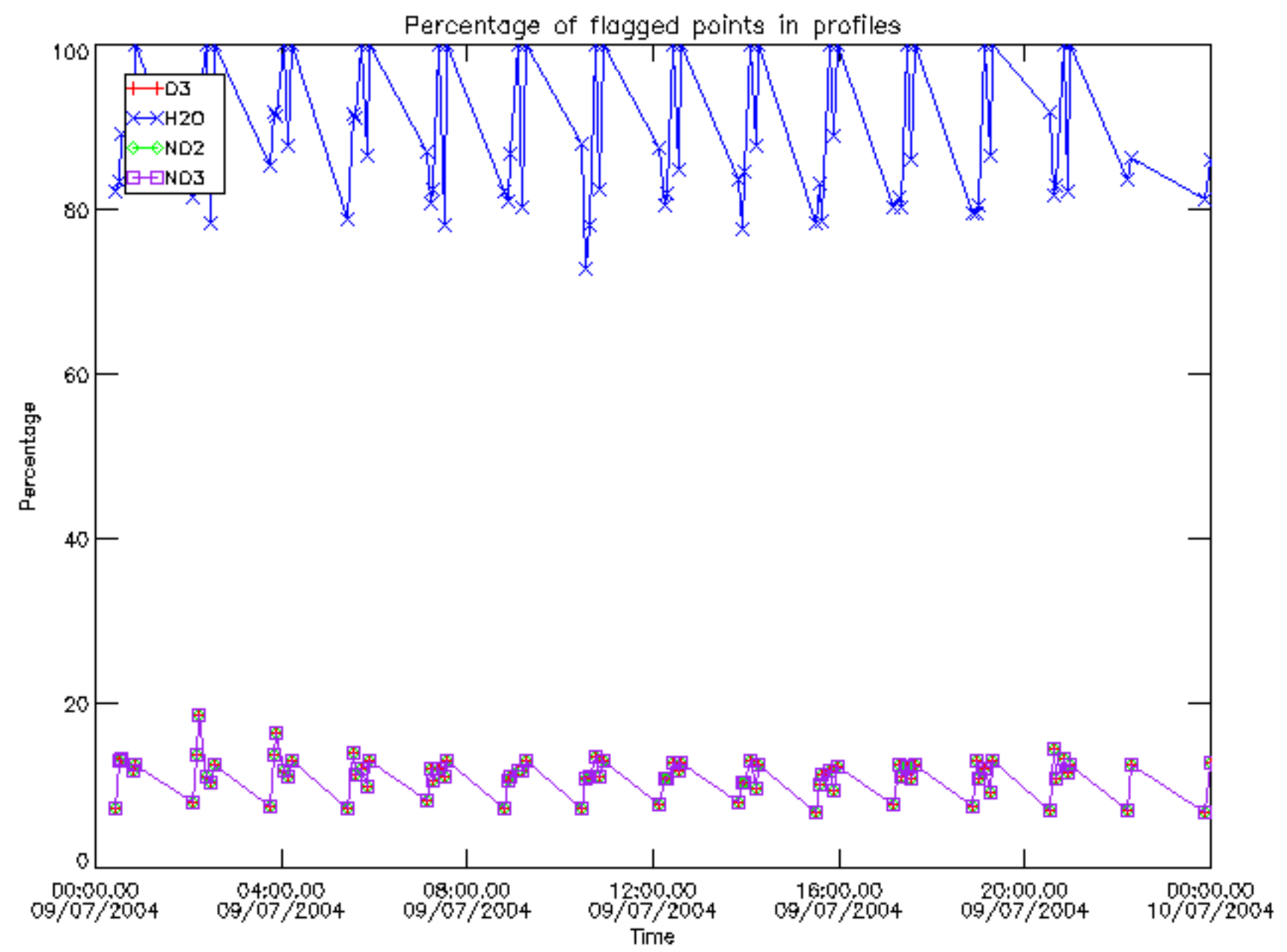




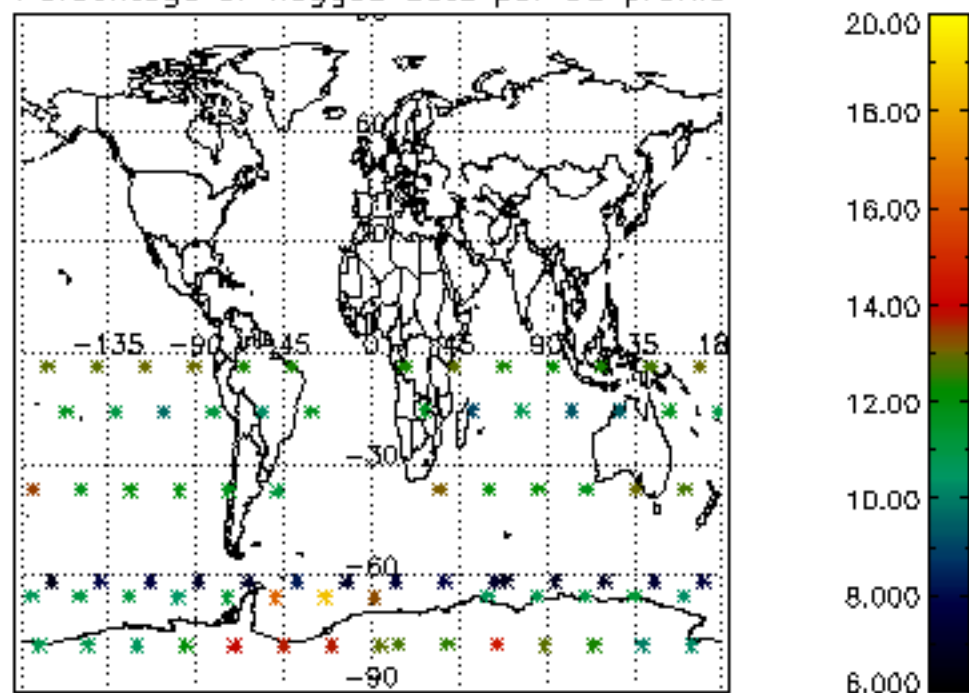




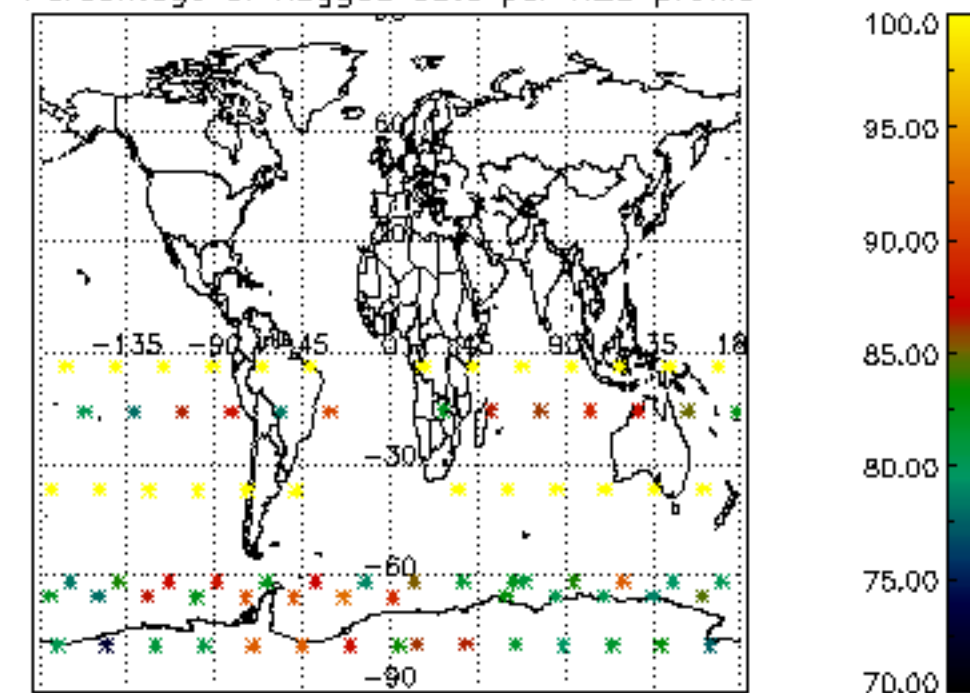




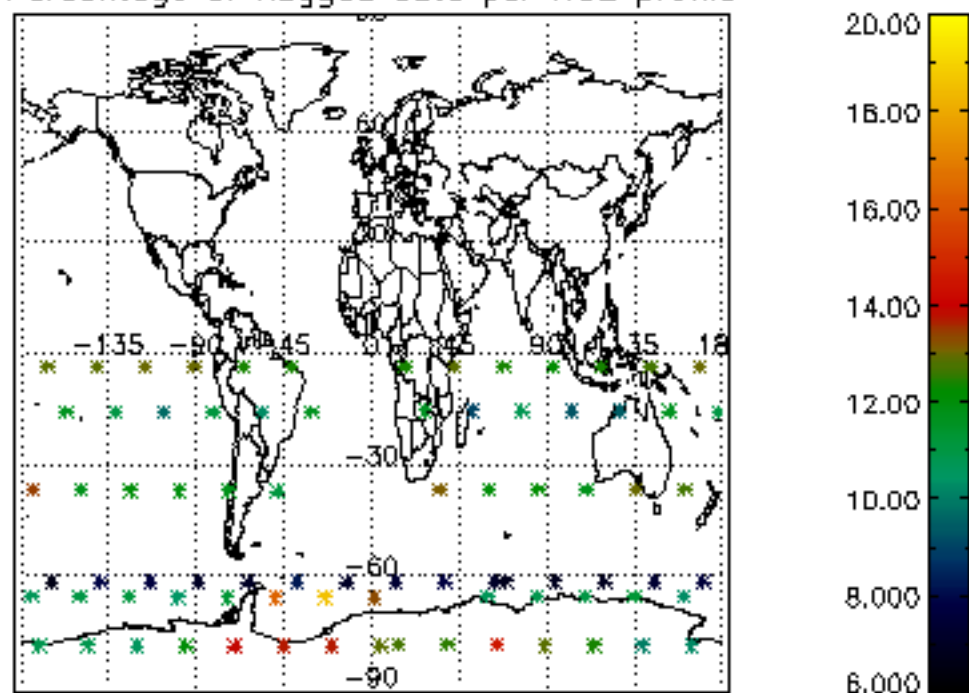
Percentage of flagged data per D3 profile



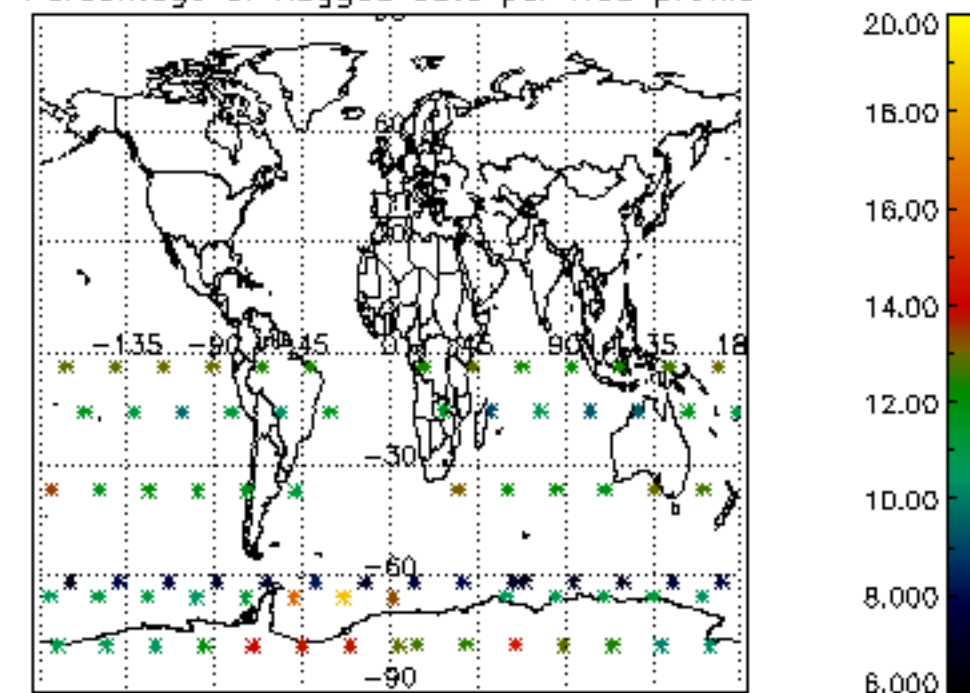
Percentage of flagged data per H2O profile

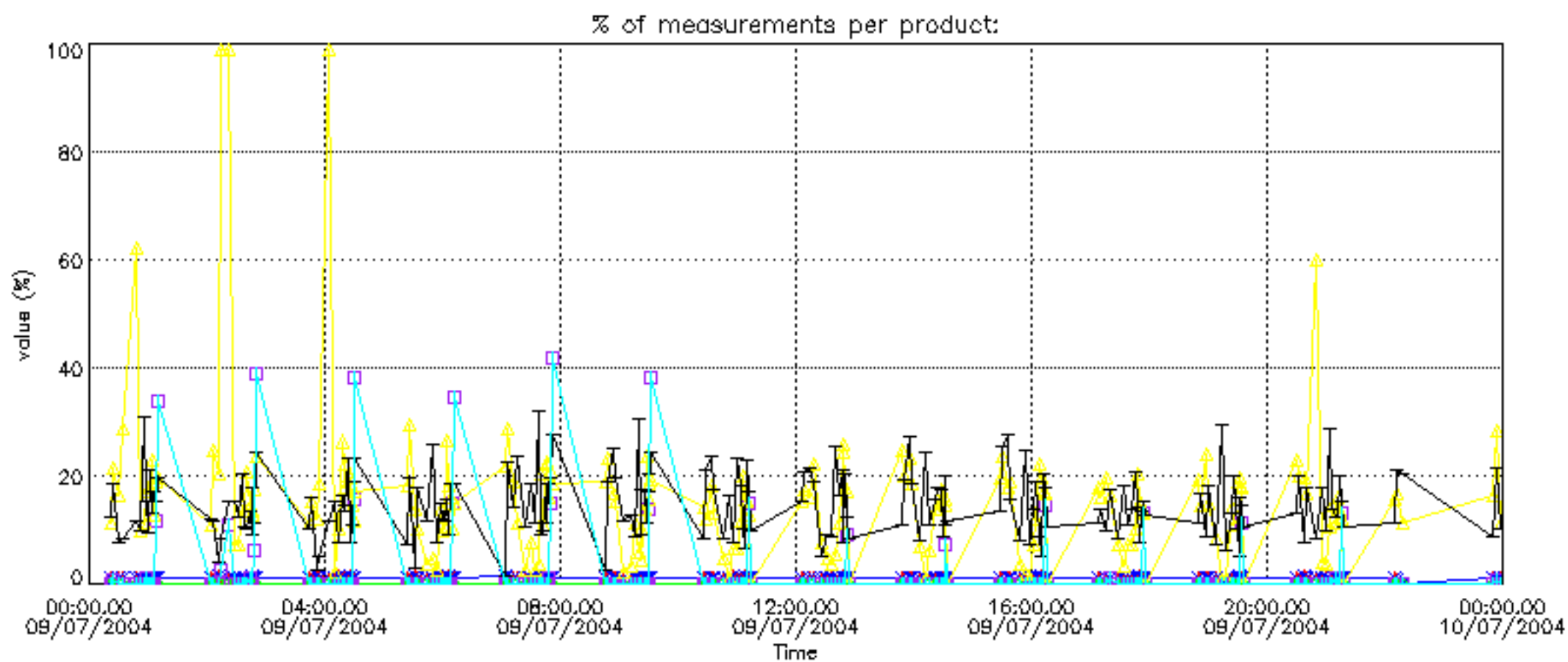


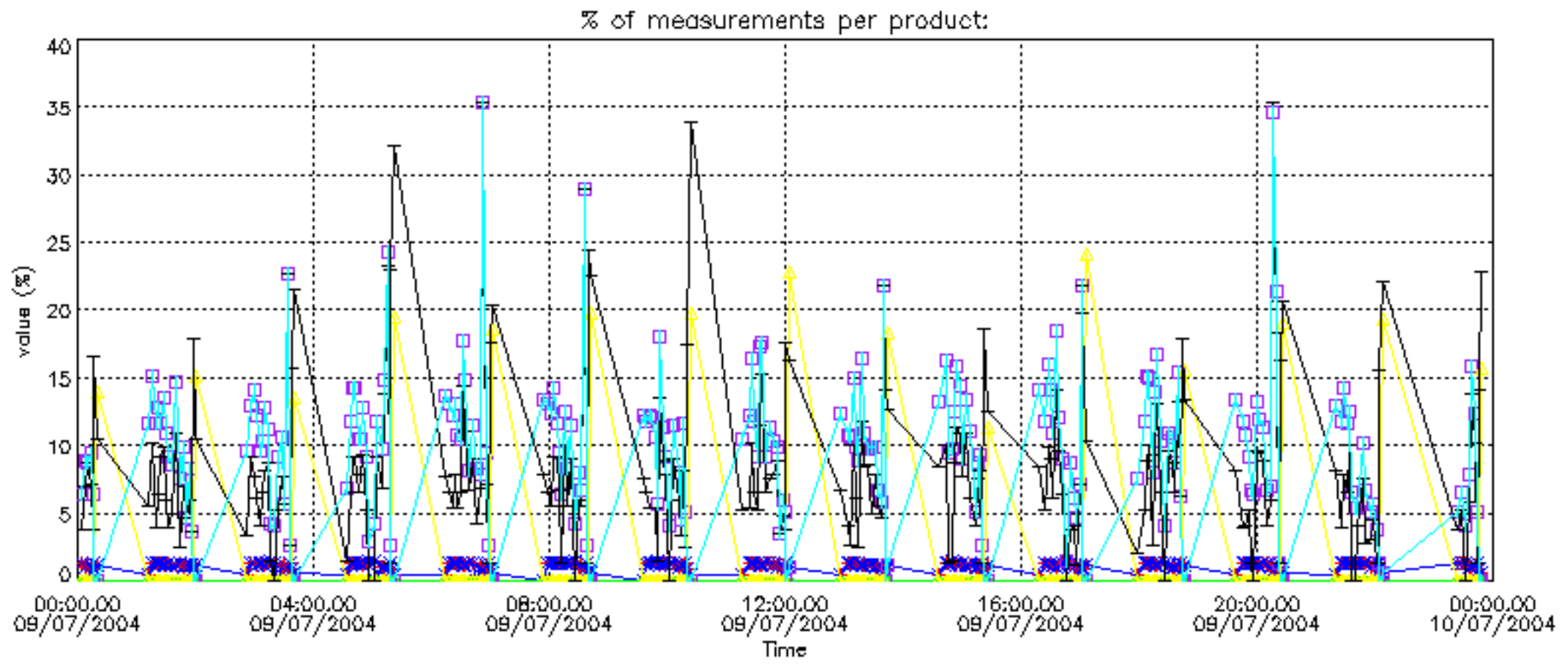
Percentage of flagged data per NO2 profile



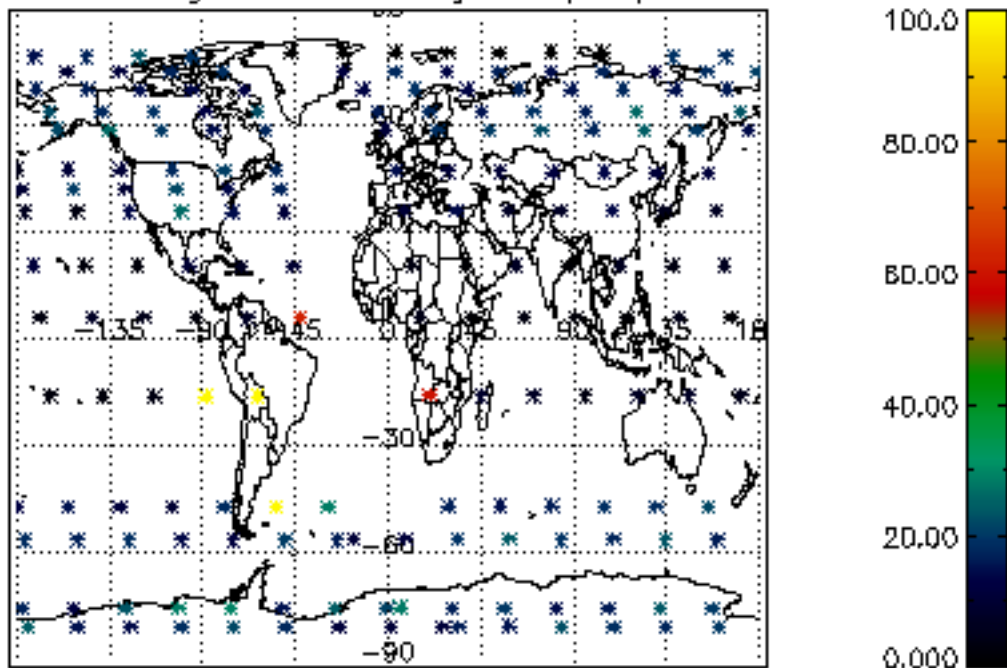
Percentage of flagged data per NO3 profile



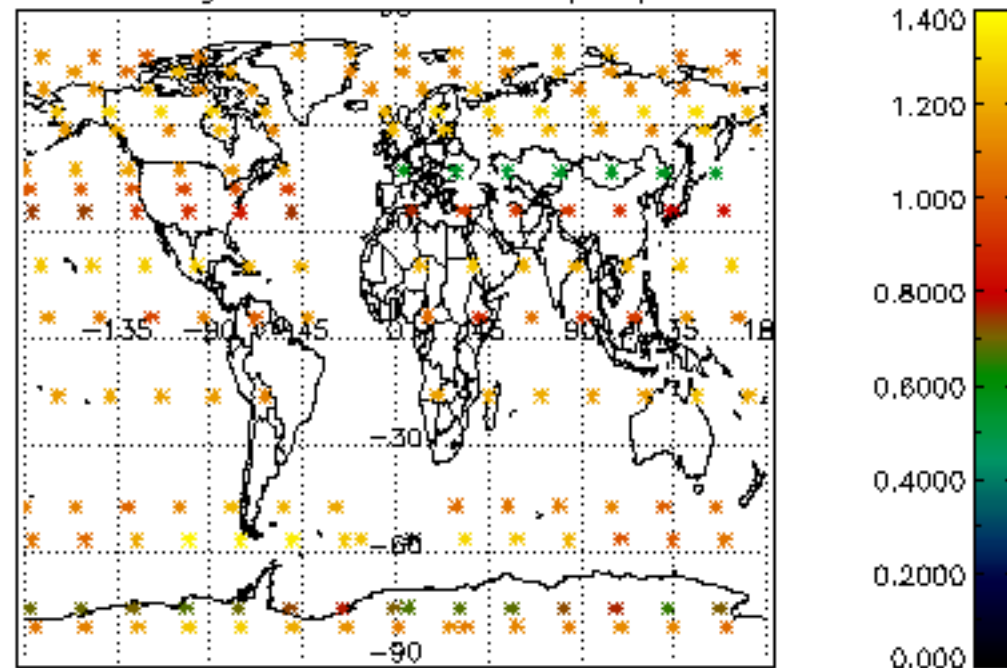




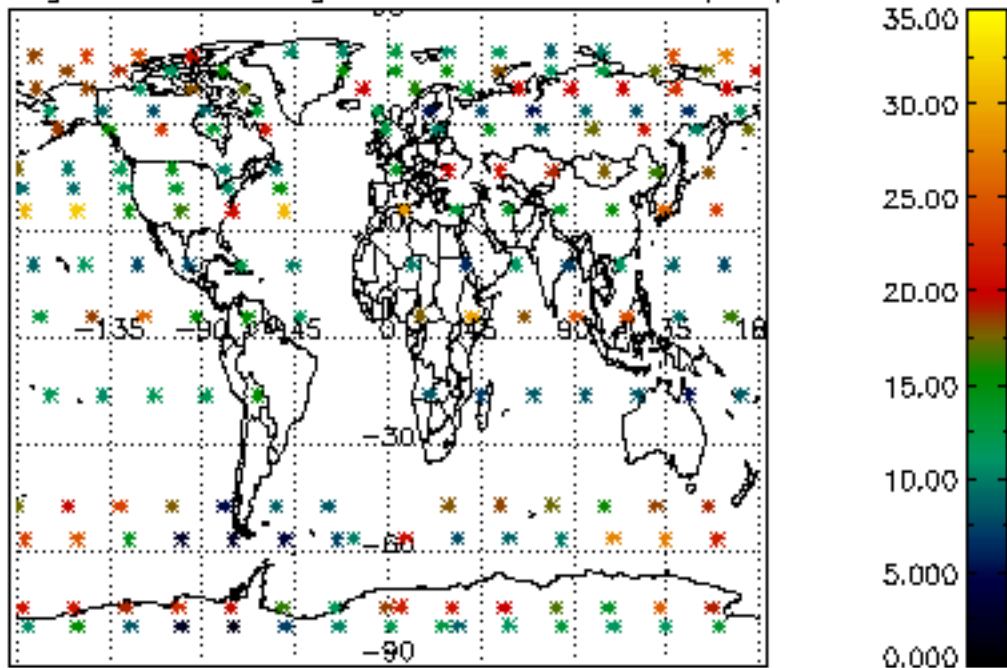
Percentage of cosmic ray hits per profile



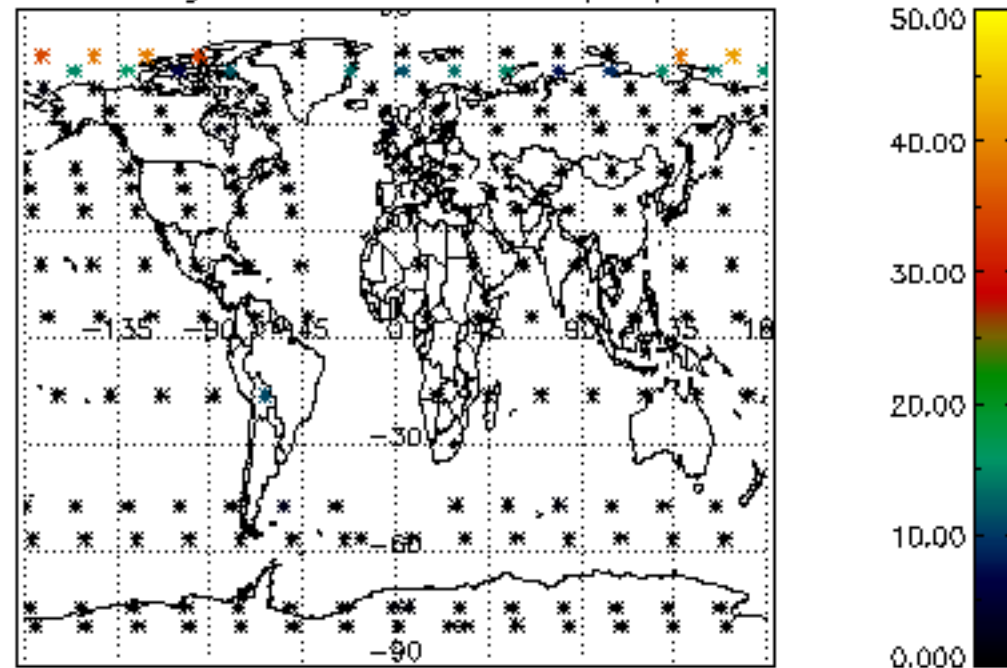
Percentage of datation errors per profile



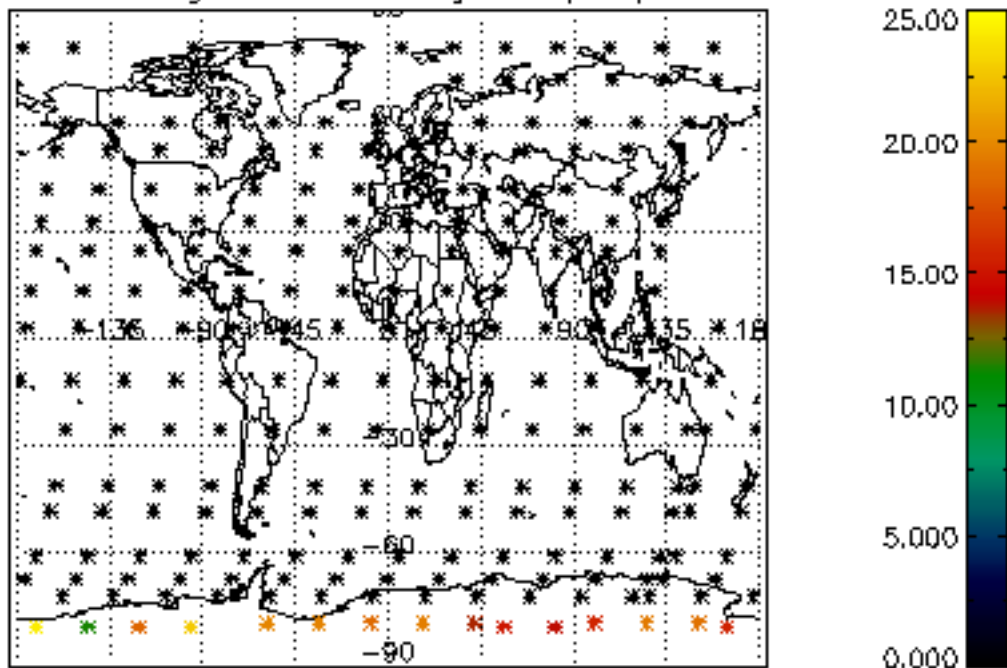
Percentage of star falling outside central band per profile



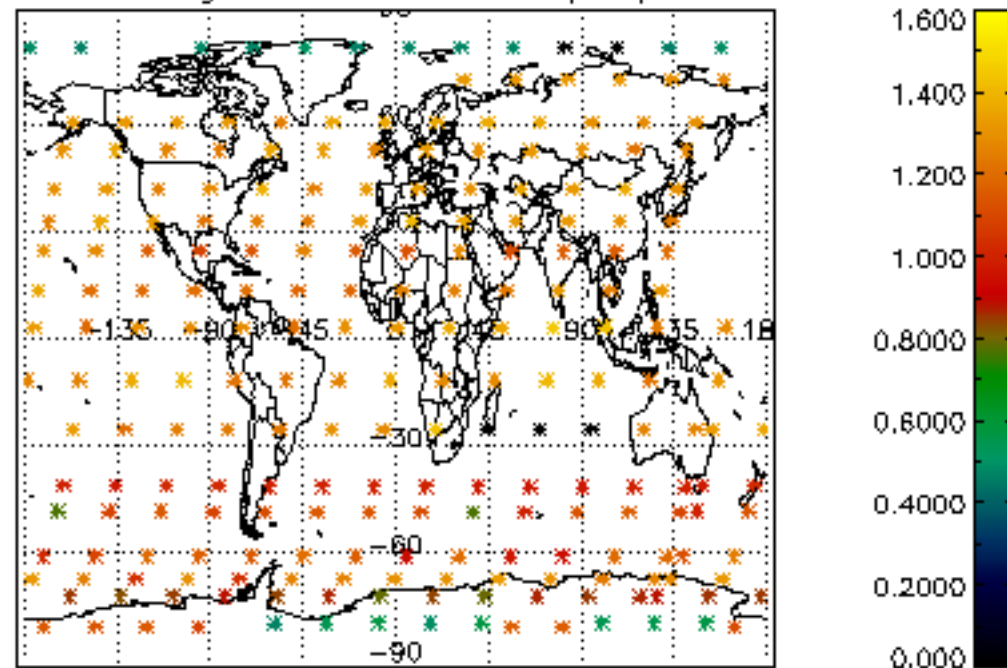
Percentage of saturation errors per profile



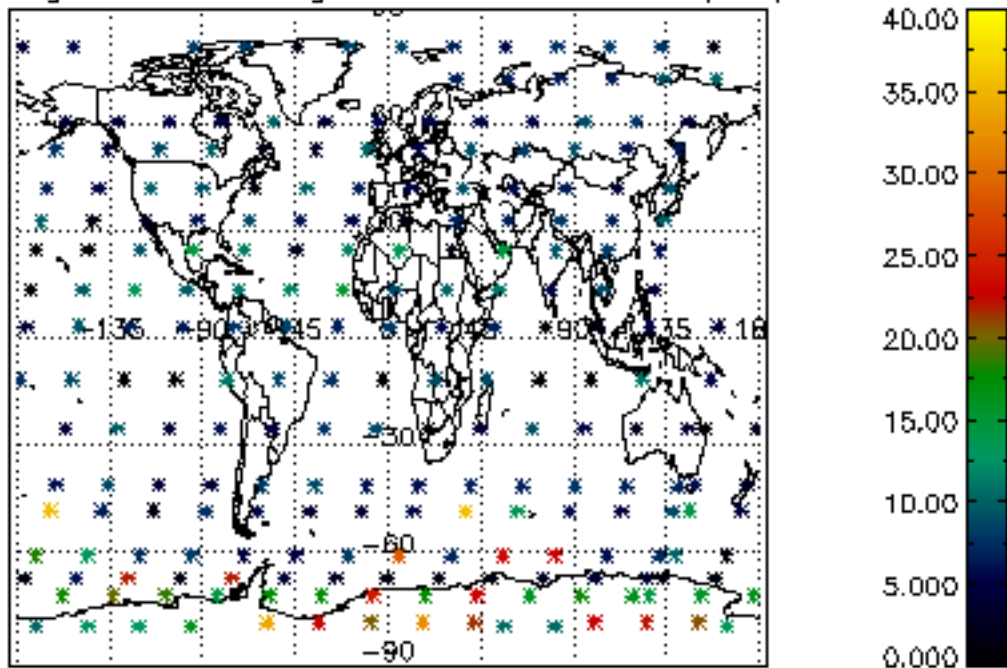
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

