

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	25APR2013 08:59:13
Data source version	GOMOS/6.01
Start time of products	10-01-2009 (10JAN2009 00:00:00)
Stop time of products	11-01-2009 (11JAN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	357
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20090110_052525_00000942075_00263_35888_3182.N1	10-JAN-2009 05:25:25	Dark	93.500	29	Bet Car	1.6720	10200.	187	35888	No
2	GOM_NL__2PRFIN20090110_052831_00000962075_00263_35888_3183.N1	10-JAN-2009 05:28:31	Dark	95.500	41	Eps Car	1.8600	4100.0	191	35888	No
3	GOM_NL__2PRFIN20090110_053145_00000972075_00263_35888_3184.N1	10-JAN-2009 05:31:45	Dark	97.000	34	Gam2Vel	1.7930	23000.	194	35888	No
4	GOM_NL__2PRFIN20090110_053544_000001002075_00263_35888_3185.N1	10-JAN-2009 05:35:44	Straylight	99.500	117	Pi Pup	2.7060	3800.0	199	35888	No
5	GOM_NL__2PRFIN20090110_053822_00000982075_00263_35888_3186.N1	10-JAN-2009 05:38:22	Straylight	98.000	23	21Eps CMa	1.5020	26000.	196	35888	No
6	GOM_NL__2PRFIN20090110_054206_000001022075_00263_35888_3187.N1	10-JAN-2009 05:42:06	Straylight	101.50	1	9Alp CMa	-1.4400	11000.	203	35888	No
7	GOM_NL__2PRFIN20090110_054438_00000912075_00263_35888_3188.N1	10-JAN-2009 05:44:38	Straylight	90.500	56	53Kap Ori	2.0650	30000.	181	35888	No
8	GOM_NL__2PRFIN20090110_054705_00000912075_00263_35888_3189.N1	10-JAN-2009 05:47:05	Twilight	91.000	30	46Eps Ori	1.6940	30000.	182	35888	No
9	GOM_NL__2PRFIN20090110_054923_00000982075_00263_35888_3190.N1	10-JAN-2009 05:49:23	Twilight	98.000	14	58Alp Ori	0.87000	3000.0	196	35888	No
10	GOM_NL__2PRFIN20090110_055203_00000982075_00263_35888_3191.N1	10-JAN-2009 05:52:03	Twilight	98.000	44	24Gam Gem	1.9280	11000.	196	35888	No
11	GOM_NL__2PRFIN20090110_060022_00000902075_00263_35888_3192.N1	10-JAN-2009 06:00:22	Bright	90.000	6	13Alp Aur	0.080000	3400.0	180	35888	No
12	GOM_NL__2PRFIN20090110_061234_00000882075_00263_35888_3193.N1	10-JAN-2009 06:12:34	Bright	88.000	49	1Alp UMi	1.9900	6300.0	176	35888	No
13	GOM_NL__2PRFIN20090110_061641_00000892075_00263_35888_3194.N1	10-JAN-2009 06:16:41	Bright	88.500	60	7Bet UMi	2.0810	3950.0	177	35888	No
14	GOM_NL__2PRFIN20090110_062052_00000892075_00263_35888_3195.N1	10-JAN-2009 06:20:52	Bright	89.000	119	14Eta Dra	2.7270	4700.0	178	35888	No
15	GOM_NL__2PRFIN20090110_062319_00000832075_00263_35888_3196.N1	10-JAN-2009 06:23:19	Bright	83.000	130	23Bet Dra	2.7990	5800.0	166	35888	No
16	GOM_NL__2PRFIN20090110_062932_000001052075_00263_35888_3197.N1	10-JAN-2009 06:29:32	Bright	105.00	133	40Zet Her	2.8070	6000.0	210	35888	No
17	GOM_NL__2PRFIN20090110_063233_00000882075_00263_35888_3198.N1	10-JAN-2009 06:32:33	Bright	88.000	127	27Bet Her	2.7810	4700.0	176	35888	No
18	GOM_NL__2PRFIN20090110_063743_000001142075_00263_35888_3199.N1	10-JAN-2009 06:37:43	Bright	114.00	102	24Alp Ser	2.6000	4250.0	228	35888	No
19	GOM_NL__2PRFIN20090110_064311_000001072075_00263_35888_3200.N1	10-JAN-2009 06:43:11	Twilight	106.50	104	27Bet Lib	2.6140	13100.	213	35888	No
20	GOM_NL__2PRFIN20090110_064554_000001002075_00263_35888_3201.N1	10-JAN-2009 06:45:54	Twilight	100.00	16	21Alp Sco	1.0200	3000.0	200	35888	No
21	GOM_NL__2PRFIN20090110_065058_00000902075_00263_35888_3202.N1	10-JAN-2009 06:50:58	Dark	90.000	131	Gam Lup	2.8000	26000.	180	35888	No
22	GOM_NL__2PRFIN20090110_065319_000001052075_00263_35888_3203.N1	10-JAN-2009 06:53:19	Dark	104.50	54	5The Cen	2.0550	4500.0	209	35888	No
23	GOM_NL__2PRFIN20090110_065655_00000932075_00263_35888_3204.N1	10-JAN-2009 06:56:55	Dark	93.000	4	Alp1Cen	-0.010000	5800.0	186	35888	No
24	GOM_NL__2PRFIN20090110_070602_00000912075_00264_35889_3190.N1	10-JAN-2009 07:06:02	Dark	91.000	29	Bet Car	1.6720	10200.	182	35889	No
25	GOM_NL__2PRFIN20090110_070908_000001062075_00264_35889_3191.N1	10-JAN-2009 07:09:08	Dark	106.00	41	Eps Car	1.8600	4100.0	212	35889	No
26	GOM_NL__2PRFIN20090110_071222_00000992075_00264_35889_3192.N1	10-JAN-2009 07:12:22	Dark	98.500	34	Gam2Vel	1.7930	23000.	197	35889	No
27	GOM_NL__2PRFIN20090110_071621_00000972075_00264_35889_3193.N1	10-JAN-2009 07:16:21	Straylight	96.500	117	Pi Pup	2.7060	3800.0	193	35889	No
28	GOM_NL__2PRFIN20090110_071858_00000952075_00264_35889_3194.N1	10-JAN-2009 07:18:58	Straylight	94.500	23	21Eps CMa	1.5020	26000.	189	35889	No
29	GOM_NL__2PRFIN20090110_072243_00000992075_00264_35889_3195.N1	10-JAN-2009 07:22:43	Straylight	99.000	1	9Alp CMa	-1.4400	11000.	198	35889	No
30	GOM_NL__2PRFIN20090110_072514_00000912075_00264_35889_3196.N1	10-JAN-2009 07:25:14	Straylight	91.000	56	53Kap Ori	2.0650	30000.	182	35889	No
31	GOM_NL__2PRFIN20090110_072741_00000922075_00264_35889_3197.N1	10-JAN-2009 07:27:41	Twilight	91.500	30	46Eps Ori	1.6940	30000.	183	35889	No
32	GOM_NL__2PRFIN20090110_073000_000001012075_00264_35889_3198.N1	10-JAN-2009 07:30:00	Twilight	101.00	14	58Alp Ori	0.87000	3000.0	202	35889	No
33	GOM_NL__2PRFIN20090110_073239_000001002075_00264_35889_3199.N1	10-JAN-2009 07:32:39	Twilight	99.500	44	24Gam Gem	1.9280	11000.	199	35889	No
34	GOM_NL__2PRFIN20090110_074058_00000902075_00264_35889_3200.N1	10-JAN-2009 07:40:58	Bright	89.500	6	13Alp Aur	0.080000	3400.0	179	35889	No
35	GOM_NL__2PRFIN20090110_075310_00000862075_00264_35889_3201.N1	10-JAN-2009 07:53:10	Bright	85.500	49	1Alp UMi	1.9900	6300.0	171	35889	No
36	GOM_NL__2PRFIN20090110_075717_00000922075_00264_35889_3202.N1	10-JAN-2009 07:57:17	Bright	91.500	60	7Bet UMi	2.0810	3950.0	183	35889	No
37	GOM_NL__2PRFIN20090110_080128_00000902075_00264_35889_3203.N1	10-JAN-2009 08:01:28	Bright	89.500	119	14Eta Dra	2.7270	4700.0	179	35889	No
38	GOM_NL__2PRFIN20090110_080355_00000862075_00264_35889_3204.N1	10-JAN-2009 08:03:55	Bright	86.000	130	23Bet Dra	2.7990	5800.0	172	35889	No
39	GOM_NL__2PRFIN20090110_081008_000001052075_00264_35889_3205.N1	10-JAN-2009 08:10:08	Bright	105.00	133	40Zet Her	2.8070	6000.0	210	35889	No
40	GOM_NL__2PRFIN20090110_081310_00000872075_00264_35889_3206.N1	10-JAN-2009 08:13:10	Bright	86.500	127	27Bet Her	2.7810	4700.0	173	35889	No
41	GOM_NL__2PRFIN20090110_081819_00000982075_00264_35889_3207.N1	10-JAN-2009 08:18:19	Bright	98.000	102	24Alp Ser	2.6000	4250.0	196	35889	No
42	GOM_NL__2PRFIN20090110_082347_000001072075_00264_35889_3208.N1	10-JAN-2009 08:23:47	Twilight	107.00	104	27Bet Lib	2.6140	13100.	214	35889	No

43	GOM_NL__2PRFIN20090110_082630_000001012075_00264_35889_3209.N1	10-JAN-2009 08:26:30	Twilight	101.00	16	21Alp Sco	1.0200	3000.0	202	35889	No
44	GOM_NL__2PRFIN20090110_083134_000000912075_00264_35889_3210.N1	10-JAN-2009 08:31:34	Dark	91.000	131	Gam Lup	2.8000	26000.	182	35889	No
45	GOM_NL__2PRFIN20090110_083357_000001072075_00264_35889_3211.N1	10-JAN-2009 08:33:57	Dark	106.50	54	5The Cen	2.0550	4500.0	213	35889	No
46	GOM_NL__2PRFIN20090110_083732_000000892075_00264_35889_2639.N1	10-JAN-2009 08:37:32	Dark	89.000	4	Alp1Cen	-0.010000	5800.0	178	35889	No
47	GOM_NL__2PRFIN20090110_084138_000000412075_00265_35890_2640.N1	10-JAN-2009 08:41:38	Dark	40.500	20	Bet Cru	1.2530	30000.	81	35890	No
48	GOM_NL__2PRFIN20090110_084553_000000402075_00265_35890_2641.N1	10-JAN-2009 08:45:53	Dark	39.500	124	The Car	2.7640	30000.	79	35890	No
49	GOM_NL__2PRFIN20090110_084728_000000382075_00265_35890_2642.N1	10-JAN-2009 08:47:28	Dark	38.000	29	Bet Car	1.6720	10200.	76	35890	No
50	GOM_NL__2PRFIN20090110_084913_000000452075_00265_35890_2643.N1	10-JAN-2009 08:49:13	Dark	45.000	71	lot Car	2.2460	7700.0	90	35890	No
51	GOM_NL__2PRFIN20090110_085034_000000492075_00265_35890_2644.N1	10-JAN-2009 08:50:34	Dark	48.500	41	Eps Car	1.8600	4100.0	97	35890	No
52	GOM_NL__2PRFIN20090110_085352_000000412075_00265_35890_2645.N1	10-JAN-2009 08:53:52	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	35890	No
53	GOM_NL__2PRFIN20090110_085602_000000432075_00265_35890_2646.N1	10-JAN-2009 08:56:02	Dark	43.000	70	Zet Pup	2.2460	39000.	86	35890	No
54	GOM_NL__2PRFIN20090110_085750_000000472075_00265_35890_2647.N1	10-JAN-2009 08:57:50	Straylight	46.500	117	Pi Pup	2.7060	3800.0	93	35890	No
55	GOM_NL__2PRFIN20090110_090027_000000442075_00265_35890_2648.N1	10-JAN-2009 09:00:27	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	35890	No
56	GOM_NL__2PRFIN20090110_090154_000000422075_00265_35890_2649.N1	10-JAN-2009 09:01:54	Straylight	41.500	179	24Omi2CMa	3.0320	24000.	83	35890	No
57	GOM_NL__2PRFIN20090110_090411_000000522075_00265_35890_2650.N1	10-JAN-2009 09:04:11	Straylight	52.000	1	9Alp CMa	-1.4400	11000.	104	35890	No
58	GOM_NL__2PRFIN20090110_090639_000000422075_00265_35890_2651.N1	10-JAN-2009 09:06:39	Straylight	41.500	56	53Kap Ori	2.0650	30000.	83	35890	No
59	GOM_NL__2PRFIN20090110_090907_000000412075_00265_35890_2652.N1	10-JAN-2009 09:09:07	Twilight	40.500	30	46Eps Ori	1.6940	30000.	81	35890	No
60	GOM_NL__2PRFIN20090110_091125_000000502075_00265_35890_2653.N1	10-JAN-2009 09:11:25	Twilight	49.500	14	58Alp Ori	0.87000	3000.0	99	35890	No
61	GOM_NL__2PRFIN20090110_091409_000000462075_00265_35890_2654.N1	10-JAN-2009 09:14:09	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	35890	No
62	GOM_NL__2PRFIN20090110_091550_000000432075_00265_35890_2655.N1	10-JAN-2009 09:15:50	Bright	43.000	151	13Mu Gem	2.8900	3000.0	86	35890	No
63	GOM_NL__2PRFIN20090110_091730_000000382075_00265_35890_2656.N1	10-JAN-2009 09:17:30	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	35890	No
64	GOM_NL__2PRFIN20090110_091956_000000362075_00265_35890_2657.N1	10-JAN-2009 09:19:56	Bright	36.000	107	37The Aur	2.6490	11000.	72	35890	No
65	GOM_NL__2PRFIN20090110_092209_000000382075_00265_35890_2658.N1	10-JAN-2009 09:22:09	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	35890	No
66	GOM_NL__2PRFIN20090110_093437_000000342075_00265_35890_2659.N1	10-JAN-2009 09:34:37	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	35890	No
67	GOM_NL__2PRFIN20090110_093847_000000402075_00265_35890_2660.N1	10-JAN-2009 09:38:47	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	35890	No
68	GOM_NL__2PRFIN20090110_094256_000000402075_00265_35890_2661.N1	10-JAN-2009 09:42:56	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	35890	No
69	GOM_NL__2PRFIN20090110_094521_000000522075_00265_35890_2662.N1	10-JAN-2009 09:45:21	Bright	52.000	130	23Bet Dra	2.7990	5800.0	104	35890	No
70	GOM_NL__2PRFIN20090110_095135_000000532075_00265_35890_2663.N1	10-JAN-2009 09:51:35	Bright	53.000	133	40Zet Her	2.8070	6000.0	106	35890	No
71	GOM_NL__2PRFIN20090110_095345_000000402075_00265_35890_2664.N1	10-JAN-2009 09:53:45	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	35890	No
72	GOM_NL__2PRFIN20090110_095951_000000432075_00265_35890_2665.N1	10-JAN-2009 09:59:51	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	35890	No
73	GOM_NL__2PRFIN20090110_100203_000000382075_00265_35890_2666.N1	10-JAN-2009 10:02:03	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	35890	No
74	GOM_NL__2PRFIN20090110_100330_000000522075_00265_35890_2667.N1	10-JAN-2009 10:03:30	Bright	52.000	98	13Zet Oph	2.5710	30000.	104	35890	No
75	GOM_NL__2PRFIN20090110_100641_000000432075_00265_35890_2668.N1	10-JAN-2009 10:06:41	Twilight	43.000	97	8Bet1Sco	2.5610	30000.	86	35890	No
76	GOM_NL__2PRFIN20090110_100757_000000462075_00265_35890_2669.N1	10-JAN-2009 10:07:57	Twilight	46.000	16	21Alp Sco	1.0200	3000.0	92	35890	No
77	GOM_NL__2PRFIN20090110_101301_000000412075_00265_35890_2670.N1	10-JAN-2009 10:13:01	Dark	40.500	131	Gam Lup	2.8000	26000.	81	35890	No
78	GOM_NL__2PRFIN20090110_101437_000000412075_00265_35890_2671.N1	10-JAN-2009 10:14:37	Dark	41.000	109	Bet Lup	2.6770	26000.	82	35890	No
79	GOM_NL__2PRFIN20090110_101608_000000412075_00265_35890_2672.N1	10-JAN-2009 10:16:08	Dark	41.000	78	Alp Lup	2.3040	28000.	82	35890	No
80	GOM_NL__2PRFIN20090110_101857_000000402075_00266_35891_2647.N1	10-JAN-2009 10:18:57	Dark	40.000	4	Alp1Cen	-0.010000	5800.0	80	35891	No
81	GOM_NL__2PRFIN20090110_102215_000000392075_00266_35891_2648.N1	10-JAN-2009 10:22:15	Dark	38.500	20	Bet Cru	1.2530	30000.	77	35891	No
82	GOM_NL__2PRFIN20090110_102630_000000382075_00266_35891_2649.N1	10-JAN-2009 10:26:30	Dark	38.000	124	The Car	2.7640	30000.	76	35891	No
83	GOM_NL__2PRFIN20090110_102803_000000392075_00266_35891_2650.N1	10-JAN-2009 10:28:03	Dark	38.500	29	Bet Car	1.6720	10200.	77	35891	No
84	GOM_NL__2PRFIN20090110_102949_000000412075_00266_35891_2651.N1	10-JAN-2009 10:29:49	Dark	40.500	71	lot Car	2.2460	7700.0	81	35891	No
85	GOM_NL__2PRFIN20090110_103111_000000492075_00266_35891_2652.N1	10-JAN-2009 10:31:11	Dark	48.500	41	Eps Car	1.8600	4100.0	97	35891	No
86	GOM_NL__2PRFIN20090110_103429_000000452075_00266_35891_2653.N1	10-JAN-2009 10:34:29	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	35891	No
87	GOM_NL__2PRFIN20090110_103639_000000452075_00266_35891_2654.N1	10-JAN-2009 10:36:39	Dark	45.000	70	Zet Pup	2.2460	39000.	90	35891	No
88	GOM_NL__2PRFIN20090110_103827_000000442075_00266_35891_2655.N1	10-JAN-2009 10:38:27	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	35891	No
89	GOM_NL__2PRFIN20090110_104104_000000452075_00266_35891_2656.N1	10-JAN-2009 10:41:04	Straylight	44.500	23	21Eps CMa	1.5020	26000.	89	35891	No
90	GOM_NL__2PRFIN20090110_104231_000000432075_00266_35891_2657.N1	10-JAN-2009 10:42:31	Straylight	43.000	179	24Omi2CMa	3.0320	24000.	86	35891	No
91	GOM_NL__2PRFIN20090110_104448_000000452075_00266_35891_2658.N1	10-JAN-2009 10:44:48	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	35891	No
92	GOM_NL__2PRFIN20090110_104716_000000402075_00266_35891_2659.N1	10-JAN-2009 10:47:16	Straylight	40.000	56	53Kap Ori	2.0650	30000.	80	35891	No
93	GOM_NL__2PRFIN20090110_104944_000000412075_00266_35891_2660.N1	10-JAN-2009 10:49:44	Twilight	40.500	30	46Eps Ori	1.6940	30000.	81	35891	No
94	GOM_NL__2PRFIN20090110_105202_000000522075_00266_35891_2661.N1	10-JAN-2009 10:52:02	Twilight	51.500	14	58Alp Ori	0.87000	3000.0	103	35891	No
95	GOM_NL__2PRFIN20090110_105445_000000462075_00266_35891_2662.N1	10-JAN-2009 10:54:45	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	35891	No
96	GOM_NL__2PRFIN20090110_105626_000000442075_00266_35891_2663.N1	10-JAN-2009 10:56:26	Bright	44.000	151	13Mu Gem	2.8900	3000.0	88	35891	No
97	GOM_NL__2PRFIN20090110_105805_000000382075_00266_35891_2664.N1	10-JAN-2009 10:58:05	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	35891	No
98	GOM_NL__2PRFIN20090110_110032_000000362075_00266_35891_2665.N1	10-JAN-2009 11:00:32	Bright	36.000	107	37The Aur	2.6490	11000.	72	35891	No
99	GOM_NL__2PRFIN20090110_110244_000000372075_00266_35891_2666.N1	10-JAN-2009 11:02:44	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	35891	No
100	GOM_NL__2PRFIN20090110_111513_000000372075_00266_35891_2667.N1	10-JAN-2009 11:15:13	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	35891	No
101	GOM_NL__2PRFIN20090110_111922_000000412075_00266_35891_2668.N1	10-JAN-2009 11:19:22	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	35891	No

102	GOM_NL__2PRFIN20090110_112332_000000382075_00266_35891_2669.N1	10-JAN-2009 11:23:32	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	35891	No
103	GOM_NL__2PRFIN20090110_112557_000000522075_00266_35891_2670.N1	10-JAN-2009 11:25:57	Bright	52.000	130	23Bet Dra	2.7990	5800.0	104	35891	No
104	GOM_NL__2PRFIN20090110_113211_000000342075_00266_35891_2671.N1	10-JAN-2009 11:32:11	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	35891	No
105	GOM_NL__2PRFIN20090110_113421_000000422075_00266_35891_2672.N1	10-JAN-2009 11:34:21	Bright	42.000	67	5Alp CrB	2.2210	11000.	84	35891	No
106	GOM_NL__2PRFIN20090110_114027_000000582075_00266_35891_2673.N1	10-JAN-2009 11:40:27	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	35891	No
107	GOM_NL__2PRFIN20090110_114239_000000392075_00266_35891_2674.N1	10-JAN-2009 11:42:39	Bright	38.500	120	1Del Oph	2.7340	3200.0	77	35891	No
108	GOM_NL__2PRFIN20090110_114406_000000372075_00266_35891_2675.N1	10-JAN-2009 11:44:06	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	35891	No
109	GOM_NL__2PRFIN20090110_114717_000000452075_00266_35891_2676.N1	10-JAN-2009 11:47:17	Twi_and_stray	44.500	97	8Bet1Sco	2.5610	30000.	89	35891	No
110	GOM_NL__2PRFIN20090110_114833_000000492075_00266_35891_2677.N1	10-JAN-2009 11:48:33	Twi_and_stray	49.000	16	21Alp Sco	1.0200	3000.0	98	35891	No
111	GOM_NL__2PRFIN20090110_115338_000000392075_00266_35891_2678.N1	10-JAN-2009 11:53:38	Dark	38.500	131	Gam Lup	2.8000	26000.	77	35891	No
112	GOM_NL__2PRFIN20090110_115514_000000402075_00266_35891_2679.N1	10-JAN-2009 11:55:14	Dark	39.500	109	Bet Lup	2.6770	26000.	79	35891	No
113	GOM_NL__2PRFIN20090110_115645_000000392075_00266_35891_2680.N1	10-JAN-2009 11:56:45	Dark	39.000	78	Alp Lup	2.3040	28000.	78	35891	No
114	GOM_NL__2PRFIN20090110_115933_000000402075_00267_35892_2655.N1	10-JAN-2009 11:59:33	Dark	40.000	4	Alp1Cen	-0.010000	5800.0	80	35892	No
115	GOM_NL__2PRFIN20090110_120251_000000422075_00267_35892_2656.N1	10-JAN-2009 12:02:51	Dark	41.500	20	Bet Cru	1.2530	30000.	83	35892	No
116	GOM_NL__2PRFIN20090110_120706_000000382075_00267_35892_2657.N1	10-JAN-2009 12:07:06	Dark	38.000	124	The Car	2.7640	30000.	76	35892	No
117	GOM_NL__2PRFIN20090110_120839_000000392075_00267_35892_2658.N1	10-JAN-2009 12:08:39	Dark	39.000	29	Bet Car	1.6720	10200.	78	35892	No
118	GOM_NL__2PRFIN20090110_121026_000000412075_00267_35892_2659.N1	10-JAN-2009 12:10:26	Dark	41.000	71	lot Car	2.2460	7700.0	82	35892	No
119	GOM_NL__2PRFIN20090110_121147_000000452075_00267_35892_2660.N1	10-JAN-2009 12:11:47	Dark	45.000	41	Eps Car	1.8600	4100.0	90	35892	No
120	GOM_NL__2PRFIN20090110_121505_000000422075_00267_35892_2661.N1	10-JAN-2009 12:15:05	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	35892	No
121	GOM_NL__2PRFIN20090110_121715_000000452075_00267_35892_2662.N1	10-JAN-2009 12:17:15	Dark	45.000	70	Zet Pup	2.2460	39000.	90	35892	No
122	GOM_NL__2PRFIN20090110_121902_000000442075_00267_35892_2663.N1	10-JAN-2009 12:19:02	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	35892	No
123	GOM_NL__2PRFIN20090110_122140_000000432075_00267_35892_2664.N1	10-JAN-2009 12:21:40	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	35892	No
124	GOM_NL__2PRFIN20090110_122306_000000412075_00267_35892_2665.N1	10-JAN-2009 12:23:06	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	35892	No
125	GOM_NL__2PRFIN20090110_122524_000000452075_00267_35892_2666.N1	10-JAN-2009 12:25:24	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	35892	No
126	GOM_NL__2PRFIN20090110_122752_000000412075_00267_35892_2667.N1	10-JAN-2009 12:27:52	Straylight	41.000	56	53Kap Ori	2.0650	30000.	82	35892	No
127	GOM_NL__2PRFIN20090110_123019_000000412075_00267_35892_2668.N1	10-JAN-2009 12:30:19	Twi_and_stray	40.500	30	46Eps Ori	1.6940	30000.	81	35892	No
128	GOM_NL__2PRFIN20090110_123237_000000522075_00267_35892_2669.N1	10-JAN-2009 12:32:37	Twi_and_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	35892	No
129	GOM_NL__2PRFIN20090110_123521_000000432075_00267_35892_2670.N1	10-JAN-2009 12:35:21	Twi_and_stray	42.500	44	24Gam Gem	1.9280	11000.	85	35892	No
130	GOM_NL__2PRFIN20090110_123702_000000462075_00267_35892_2671.N1	10-JAN-2009 12:37:02	Bright	46.000	151	13Mu Gem	2.8900	3000.0	92	35892	No
131	GOM_NL__2PRFIN20090110_123841_000000372075_00267_35892_2672.N1	10-JAN-2009 12:38:41	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	35892	No
132	GOM_NL__2PRFIN20090110_124108_000000372075_00267_35892_2673.N1	10-JAN-2009 12:41:08	Bright	37.000	107	37The Aur	2.6490	11000.	74	35892	No
133	GOM_NL__2PRFIN20090110_124320_000000382075_00267_35892_2674.N1	10-JAN-2009 12:43:20	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	35892	No
134	GOM_NL__2PRFIN20090110_125549_000000352075_00267_35892_2675.N1	10-JAN-2009 12:55:49	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	35892	No
135	GOM_NL__2PRFIN20090110_125958_000000482075_00267_35892_2676.N1	10-JAN-2009 12:59:58	Bright	47.500	60	7Bet UMi	2.0810	3950.0	95	35892	No
136	GOM_NL__2PRFIN20090110_130408_000000532075_00267_35892_2677.N1	10-JAN-2009 13:04:08	Bright	53.000	119	14Eta Dra	2.7270	4700.0	106	35892	No
137	GOM_NL__2PRFIN20090110_130633_000000372075_00267_35892_2678.N1	10-JAN-2009 13:06:33	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	35892	No
138	GOM_NL__2PRFIN20090110_131247_000000362075_00267_35892_2679.N1	10-JAN-2009 13:12:47	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	35892	No
139	GOM_NL__2PRFIN20090110_131457_000000602075_00267_35892_2680.N1	10-JAN-2009 13:14:57	Bright	60.000	67	5Alp CrB	2.2210	11000.	120	35892	No
140	GOM_NL__2PRFIN20090110_132104_000000422075_00267_35892_2681.N1	10-JAN-2009 13:21:04	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	35892	No
141	GOM_NL__2PRFIN20090110_132315_000000542075_00267_35892_2682.N1	10-JAN-2009 13:23:15	Bright	54.000	120	1Del Oph	2.7340	3200.0	108	35892	No
142	GOM_NL__2PRFIN20090110_132442_000000522075_00267_35892_2683.N1	10-JAN-2009 13:24:42	Bright	52.000	98	13Zet Oph	2.5710	30000.	104	35892	No
143	GOM_NL__2PRFIN20090110_132753_000000442075_00267_35892_2684.N1	10-JAN-2009 13:27:53	Twi_and_stray	44.000	97	8Bet1Sco	2.5610	30000.	88	35892	No
144	GOM_NL__2PRFIN20090110_132909_000000522075_00267_35892_2685.N1	10-JAN-2009 13:29:09	Twi_and_stray	52.000	16	21Alp Sco	1.0200	3000.0	104	35892	No
145	GOM_NL__2PRFIN20090110_133414_000000392075_00267_35892_2686.N1	10-JAN-2009 13:34:14	Dark	39.000	131	Gam Lup	2.8000	26000.	78	35892	No
146	GOM_NL__2PRFIN20090110_133551_000000392075_00267_35892_2687.N1	10-JAN-2009 13:35:51	Dark	38.500	109	Bet Lup	2.6770	26000.	77	35892	No
147	GOM_NL__2PRFIN20090110_133721_000000402075_00267_35892_2688.N1	10-JAN-2009 13:37:21	Dark	39.500	78	Alp Lup	2.3040	28000.	79	35892	No
148	GOM_NL__2PRFIN20090110_134009_000000432075_00268_35893_3923.N1	10-JAN-2009 13:40:09	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	35893	No
149	GOM_NL__2PRFIN20090110_134328_000000412075_00268_35893_3924.N1	10-JAN-2009 13:43:28	Dark	41.000	20	Bet Cru	1.2530	30000.	82	35893	No
150	GOM_NL__2PRFIN20090110_134743_000000382075_00268_35893_3925.N1	10-JAN-2009 13:47:43	Dark	37.500	124	The Car	2.7640	30000.	75	35893	No
151	GOM_NL__2PRFIN20090110_134916_000000382075_00268_35893_3926.N1	10-JAN-2009 13:49:16	Dark	38.000	29	Bet Car	1.6720	10200.	76	35893	No
152	GOM_NL__2PRFIN20090110_135102_000000492075_00268_35893_3927.N1	10-JAN-2009 13:51:02	Dark	48.500	71	lot Car	2.2460	7700.0	97	35893	No
153	GOM_NL__2PRFIN20090110_135223_000000492075_00268_35893_3928.N1	10-JAN-2009 13:52:23	Dark	48.500	41	Eps Car	1.8600	4100.0	97	35893	No
154	GOM_NL__2PRFIN20090110_135542_000000452075_00268_35893_3929.N1	10-JAN-2009 13:55:42	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	35893	No
155	GOM_NL__2PRFIN20090110_135752_000000442075_00268_35893_3930.N1	10-JAN-2009 13:57:52	Dark	43.500	70	Zet Pup	2.2460	39000.	87	35893	No
156	GOM_NL__2PRFIN20090110_135939_000000442075_00268_35893_3931.N1	10-JAN-2009 13:59:39	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	35893	No
157	GOM_NL__2PRFIN20090110_140216_000000442075_00268_35893_3932.N1	10-JAN-2009 14:02:16	Straylight	44.000	23	21Eps CMa	1.5020	26000.	88	35893	No
158	GOM_NL__2PRFIN20090110_140343_000000402075_00268_35893_3933.N1	10-JAN-2009 14:03:43	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	35893	No
159	GOM_NL__2PRFIN20090110_140600_000000482075_00268_35893_3934.N1	10-JAN-2009 14:06:00	Straylight	48.000	1	9Alp CMa	-1.4400	11000.	96	35893	No
160	GOM_NL__2PRFIN20090110_140828_000000392075_00268_35893_3935.N1	10-JAN-2009 14:08:28	Straylight	38.500	56	53Kap Ori	2.0650	30000.	77	35893	No

161	GOM_NL__2PRFIN20090110_141056_000000392075_00268_35893_3936.N1	10-JAN-2009 14:10:56	TwI_and_stray	39.000	30	46Eps Ori	1.6940	30000.	78	35893	No
162	GOM_NL__2PRFIN20090110_141314_000000522075_00268_35893_3937.N1	10-JAN-2009 14:13:14	TwI_and_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	35893	No
163	GOM_NL__2PRFIN20090110_141557_000000452075_00268_35893_3938.N1	10-JAN-2009 14:15:57	TwI_and_stray	44.500	44	24Gam Gem	1.9280	11000.	89	35893	No
164	GOM_NL__2PRFIN20090110_141738_000000422075_00268_35893_3939.N1	10-JAN-2009 14:17:38	Bright	42.000	151	13Mu Gem	2.8900	3000.0	84	35893	No
165	GOM_NL__2PRFIN20090110_141918_000000372075_00268_35893_3940.N1	10-JAN-2009 14:19:18	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	35893	No
166	GOM_NL__2PRFIN20090110_142144_000000372075_00268_35893_3941.N1	10-JAN-2009 14:21:44	Bright	36.500	107	37The Aur	2.6490	11000.	73	35893	No
167	GOM_NL__2PRFIN20090110_142357_000000372075_00268_35893_3942.N1	10-JAN-2009 14:23:57	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	35893	No
168	GOM_NL__2PRFIN20090110_143625_000000362075_00268_35893_3943.N1	10-JAN-2009 14:36:25	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	35893	No
169	GOM_NL__2PRFIN20090110_144034_000000542075_00268_35893_3944.N1	10-JAN-2009 14:40:34	Bright	54.000	60	7Bet UMi	2.0810	3950.0	108	35893	No
170	GOM_NL__2PRFIN20090110_144444_000000372075_00268_35893_3945.N1	10-JAN-2009 14:44:44	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	35893	No
171	GOM_NL__2PRFIN20090110_144710_000000382075_00268_35893_3946.N1	10-JAN-2009 14:47:10	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	35893	No
172	GOM_NL__2PRFIN20090110_145323_000000362075_00268_35893_3947.N1	10-JAN-2009 14:53:23	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	35893	No
173	GOM_NL__2PRFIN20090110_145533_000000602075_00268_35893_3948.N1	10-JAN-2009 14:55:33	Bright	60.000	67	5Alp CrB	2.2210	11000.	120	35893	No
174	GOM_NL__2PRFIN20090110_150140_000000582075_00268_35893_3949.N1	10-JAN-2009 15:01:40	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	35893	No
175	GOM_NL__2PRFIN20090110_150352_000000542075_00268_35893_3950.N1	10-JAN-2009 15:03:52	Bright	54.000	120	1Del Oph	2.7340	3200.0	108	35893	No
176	GOM_NL__2PRFIN20090110_150519_000000452075_00268_35893_3951.N1	10-JAN-2009 15:05:19	Bright	44.500	98	13Zet Oph	2.5710	30000.	89	35893	No
177	GOM_NL__2PRFIN20090110_150830_000000432075_00268_35893_3952.N1	10-JAN-2009 15:08:30	TwI_and_stray	43.000	97	8Bet1Sco	2.5610	30000.	86	35893	No
178	GOM_NL__2PRFIN20090110_150946_000000502075_00268_35893_3953.N1	10-JAN-2009 15:09:46	TwI_and_stray	50.000	16	21Alp Sco	1.0200	3000.0	100	35893	No
179	GOM_NL__2PRFIN20090110_151451_000000382075_00268_35893_3954.N1	10-JAN-2009 15:14:51	Dark	38.000	131	Gam Lup	2.8000	26000.	76	35893	No
180	GOM_NL__2PRFIN20090110_151627_000000402075_00268_35893_3955.N1	10-JAN-2009 15:16:27	Dark	39.500	109	Bet Lup	2.6770	26000.	79	35893	No
181	GOM_NL__2PRFIN20090110_151757_000000392075_00268_35893_3956.N1	10-JAN-2009 15:17:57	Dark	39.000	78	Alp Lup	2.3040	28000.	78	35893	No
182	GOM_NL__2PRFIN20090110_152046_000000512075_00269_35894_3931.N1	10-JAN-2009 15:20:46	Dark	50.500	4	Alp1Cen	-0.010000	5800.0	101	35894	No
183	GOM_NL__2PRFIN20090110_152405_000000442075_00269_35894_3932.N1	10-JAN-2009 15:24:05	Dark	43.500	20	Bet Cru	1.2530	30000.	87	35894	No
184	GOM_NL__2PRFIN20090110_152819_000000392075_00269_35894_3933.N1	10-JAN-2009 15:28:19	Dark	38.500	124	The Car	2.7640	30000.	77	35894	No
185	GOM_NL__2PRFIN20090110_152952_000000402075_00269_35894_3934.N1	10-JAN-2009 15:29:52	Dark	39.500	29	Bet Car	1.6720	10200.	79	35894	No
186	GOM_NL__2PRFIN20090110_153138_000000402075_00269_35894_3935.N1	10-JAN-2009 15:31:38	Dark	39.500	71	lot Car	2.2460	7700.0	79	35894	No
187	GOM_NL__2PRFIN20090110_153300_000000492075_00269_35894_3936.N1	10-JAN-2009 15:33:00	Dark	48.500	41	Eps Car	1.8600	4100.0	97	35894	No
188	GOM_NL__2PRFIN20090110_153618_000000462075_00269_35894_3937.N1	10-JAN-2009 15:36:18	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	35894	No
189	GOM_NL__2PRFIN20090110_153827_000000472075_00269_35894_3938.N1	10-JAN-2009 15:38:27	Dark	46.500	70	Zet Pup	2.2460	39000.	93	35894	No
190	GOM_NL__2PRFIN20090110_154015_000000462075_00269_35894_3939.N1	10-JAN-2009 15:40:15	Straylight	46.000	117	Pi Pup	2.7060	3800.0	92	35894	No
191	GOM_NL__2PRFIN20090110_154252_000000442075_00269_35894_3940.N1	10-JAN-2009 15:42:52	Straylight	44.000	23	21Eps CMa	1.5020	26000.	88	35894	No
192	GOM_NL__2PRFIN20090110_154419_000000412075_00269_35894_3941.N1	10-JAN-2009 15:44:19	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	35894	No
193	GOM_NL__2PRFIN20090110_154636_000000472075_00269_35894_3942.N1	10-JAN-2009 15:46:36	Straylight	47.000	1	9Alp CMa	-1.4400	11000.	94	35894	No
194	GOM_NL__2PRFIN20090110_154904_000000422075_00269_35894_3943.N1	10-JAN-2009 15:49:04	Straylight	42.000	56	53Kap Ori	2.0650	30000.	84	35894	No
195	GOM_NL__2PRFIN20090110_155132_000000432075_00269_35894_3944.N1	10-JAN-2009 15:51:32	TwI_and_stray	42.500	30	46Eps Ori	1.6940	30000.	85	35894	No
196	GOM_NL__2PRFIN20090110_155349_000000522075_00269_35894_3945.N1	10-JAN-2009 15:53:49	TwI_and_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	35894	No
197	GOM_NL__2PRFIN20090110_155632_000000452075_00269_35894_3946.N1	10-JAN-2009 15:56:32	TwI_and_stray	45.000	44	24Gam Gem	1.9280	11000.	90	35894	No
198	GOM_NL__2PRFIN20090110_155813_000000442075_00269_35894_3947.N1	10-JAN-2009 15:58:13	Bright	43.500	151	13Mu Gem	2.8900	3000.0	87	35894	No
199	GOM_NL__2PRFIN20090110_155953_000000382075_00269_35894_3948.N1	10-JAN-2009 15:59:53	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	35894	No
200	GOM_NL__2PRFIN20090110_160220_000000362075_00269_35894_3949.N1	10-JAN-2009 16:02:20	Bright	36.000	107	37The Aur	2.6490	11000.	72	35894	No
201	GOM_NL__2PRFIN20090110_160432_000000362075_00269_35894_3950.N1	10-JAN-2009 16:04:32	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	35894	No
202	GOM_NL__2PRFIN20090110_161700_000000372075_00269_35894_3951.N1	10-JAN-2009 16:17:00	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	35894	No
203	GOM_NL__2PRFIN20090110_162109_000000392075_00269_35894_3952.N1	10-JAN-2009 16:21:09	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	35894	No
204	GOM_NL__2PRFIN20090110_162520_000000402075_00269_35894_3953.N1	10-JAN-2009 16:25:20	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	35894	No
205	GOM_NL__2PRFIN20090110_162745_000000342075_00269_35894_3954.N1	10-JAN-2009 16:27:45	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	35894	No
206	GOM_NL__2PRFIN20090110_163400_000000362075_00269_35894_3955.N1	10-JAN-2009 16:34:00	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	35894	No
207	GOM_NL__2PRFIN20090110_163609_000000602075_00269_35894_3956.N1	10-JAN-2009 16:36:09	Bright	60.000	67	5Alp CrB	2.2210	11000.	120	35894	No
208	GOM_NL__2PRFIN20090110_164217_000000582075_00269_35894_3957.N1	10-JAN-2009 16:42:17	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	35894	No
209	GOM_NL__2PRFIN20090110_164428_000000542075_00269_35894_3958.N1	10-JAN-2009 16:44:28	Bright	54.000	120	1Del Oph	2.7340	3200.0	108	35894	No
210	GOM_NL__2PRFIN20090110_164555_000000352075_00269_35894_3959.N1	10-JAN-2009 16:45:55	Bright	35.000	98	13Zet Oph	2.5710	30000.	70	35894	No
211	GOM_NL__2PRFIN20090110_164906_000000452075_00269_35894_3960.N1	10-JAN-2009 16:49:06	TwI_and_stray	44.500	97	8Bet1Sco	2.5610	30000.	89	35894	No
212	GOM_NL__2PRFIN20090110_165021_000000472075_00269_35894_3961.N1	10-JAN-2009 16:50:21	TwI_and_stray	46.500	16	21Alp Sco	1.0200	3000.0	93	35894	No
213	GOM_NL__2PRFIN20090110_165526_000000392075_00269_35894_3962.N1	10-JAN-2009 16:55:26	Dark	39.000	131	Gam Lup	2.8000	26000.	78	35894	No
214	GOM_NL__2PRFIN20090110_165704_000000402075_00269_35894_3963.N1	10-JAN-2009 16:57:04	Dark	39.500	109	Bet Lup	2.6770	26000.	79	35894	No
215	GOM_NL__2PRFIN20090110_165834_000000432075_00269_35894_3964.N1	10-JAN-2009 16:58:34	Dark	42.500	78	Alp Lup	2.3040	28000.	85	35894	No
216	GOM_NL__2PRFIN20090110_170122_000000532075_00270_35895_2680.N1	10-JAN-2009 17:01:22	Dark	53.000	4	Alp1Cen	-0.010000	5800.0	106	35895	No
217	GOM_NL__2PRFIN20090110_170441_000000452075_00270_35895_2681.N1	10-JAN-2009 17:04:41	Dark	44.500	20	Bet Cru	1.2530	30000.	89	35895	No
218	GOM_NL__2PRFIN20090110_170855_000000392075_00270_35895_2682.N1	10-JAN-2009 17:08:55	Dark	38.500	124	The Car	2.7640	30000.	77	35895	No
219	GOM_NL__2PRFIN20090110_171029_000000372075_00270_35895_2683.N1	10-JAN-2009 17:10:29	Dark	37.000	29	Bet Car	1.6720	10200.	74	35895	No

220	GOM_NL__2PRFIN20090110_171215_000000402075_00270_35895_2684.N1	10-JAN-2009 17:12:15	Dark	39.500	71	lot Car	2.2460	7700.0	79	35895	No
221	GOM_NL__2PRFIN20090110_171336_000000432075_00270_35895_2685.N1	10-JAN-2009 17:13:36	Dark	43.000	41	Eps Car	1.8600	4100.0	86	35895	No
222	GOM_NL__2PRFIN20090110_171654_000000452075_00270_35895_2686.N1	10-JAN-2009 17:16:54	Dark	44.500	34	Gam2Vel	1.7930	23000.	89	35895	No
223	GOM_NL__2PRFIN20090110_171904_000000422075_00270_35895_2687.N1	10-JAN-2009 17:19:04	Dark	42.000	70	Zet Pup	2.2460	39000.	84	35895	No
224	GOM_NL__2PRFIN20090110_172051_000000452075_00270_35895_2688.N1	10-JAN-2009 17:20:51	Straylight	45.000	117	Pi Pup	2.7060	3800.0	90	35895	No
225	GOM_NL__2PRFIN20090110_172328_000000442075_00270_35895_2689.N1	10-JAN-2009 17:23:28	Straylight	44.000	23	21Eps CMa	1.5020	26000.	88	35895	No
226	GOM_NL__2PRFIN20090110_172455_000000412075_00270_35895_2690.N1	10-JAN-2009 17:24:55	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	35895	No
227	GOM_NL__2PRFIN20090110_172712_000000462075_00270_35895_2691.N1	10-JAN-2009 17:27:12	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	35895	No
228	GOM_NL__2PRFIN20090110_172940_000000412075_00270_35895_2692.N1	10-JAN-2009 17:29:40	Straylight	41.000	56	53Kap Ori	2.0650	30000.	82	35895	No
229	GOM_NL__2PRFIN20090110_173208_000000422075_00270_35895_2693.N1	10-JAN-2009 17:32:08	Tw_i_and_stray	41.500	30	46Eps Ori	1.6940	30000.	83	35895	No
230	GOM_NL__2PRFIN20090110_173425_000000522075_00270_35895_2694.N1	10-JAN-2009 17:34:25	Tw_i_and_stray	51.500	14	58Alp Ori	0.87000	3000.0	103	35895	No
231	GOM_NL__2PRFIN20090110_173708_000000472075_00270_35895_2695.N1	10-JAN-2009 17:37:08	Tw_i_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	35895	No
232	GOM_NL__2PRFIN20090110_173850_000000462075_00270_35895_2696.N1	10-JAN-2009 17:38:50	Bright	45.500	151	13Mu Gem	2.8900	3000.0	91	35895	No
233	GOM_NL__2PRFIN20090110_174030_000000382075_00270_35895_2697.N1	10-JAN-2009 17:40:30	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	35895	No
234	GOM_NL__2PRFIN20090110_174255_000000372075_00270_35895_2698.N1	10-JAN-2009 17:42:55	Bright	37.000	107	37The Aur	2.6490	11000.	74	35895	No
235	GOM_NL__2PRFIN20090110_174508_000000382075_00270_35895_2699.N1	10-JAN-2009 17:45:08	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	35895	No
236	GOM_NL__2PRFIN20090110_175737_000000382075_00270_35895_2700.N1	10-JAN-2009 17:57:37	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	35895	No
237	GOM_NL__2PRFIN20090110_180145_000000432075_00270_35895_2701.N1	10-JAN-2009 18:01:45	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	35895	No
238	GOM_NL__2PRFIN20090110_180556_000000352075_00270_35895_2702.N1	10-JAN-2009 18:05:56	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	35895	No
239	GOM_NL__2PRFIN20090110_180822_000000402075_00270_35895_2703.N1	10-JAN-2009 18:08:22	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	35895	No
240	GOM_NL__2PRFIN20090110_181436_000000362075_00270_35895_2704.N1	10-JAN-2009 18:14:36	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	35895	No
241	GOM_NL__2PRFIN20090110_181645_000000602075_00270_35895_2705.N1	10-JAN-2009 18:16:45	Bright	60.000	67	5Alp CrB	2.2210	11000.	120	35895	No
242	GOM_NL__2PRFIN20090110_182253_000000582075_00270_35895_2706.N1	10-JAN-2009 18:22:53	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	35895	No
243	GOM_NL__2PRFIN20090110_182504_000000542075_00270_35895_2707.N1	10-JAN-2009 18:25:04	Bright	54.000	120	1Del Oph	2.7340	3200.0	108	35895	No
244	GOM_NL__2PRFIN20090110_182631_000000392075_00270_35895_2708.N1	10-JAN-2009 18:26:31	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	35895	No
245	GOM_NL__2PRFIN20090110_182943_000000432075_00270_35895_2709.N1	10-JAN-2009 18:29:43	Tw_i_and_stray	43.000	97	8Bet1Sco	2.5610	30000.	86	35895	No
246	GOM_NL__2PRFIN20090110_183058_000000452075_00270_35895_2710.N1	10-JAN-2009 18:30:58	Tw_i_and_stray	45.000	16	21Alp Sco	1.0200	3000.0	90	35895	No
247	GOM_NL__2PRFIN20090110_183603_000000392075_00270_35895_2711.N1	10-JAN-2009 18:36:03	Dark	39.000	131	Gam Lup	2.8000	26000.	78	35895	No
248	GOM_NL__2PRFIN20090110_183740_000000392075_00270_35895_2712.N1	10-JAN-2009 18:37:40	Dark	39.000	109	Bet Lup	2.6770	26000.	78	35895	No
249	GOM_NL__2PRFIN20090110_183911_000000392075_00270_35895_2713.N1	10-JAN-2009 18:39:11	Dark	38.500	78	Alp Lup	2.3040	28000.	77	35895	No
250	GOM_NL__2PRFIN20090110_184159_000000462075_00271_35896_3911.N1	10-JAN-2009 18:41:59	Dark	46.000	4	Alp1Cen	-0.010000	5800.0	92	35896	No
251	GOM_NL__2PRFIN20090110_184518_000000412075_00271_35896_3912.N1	10-JAN-2009 18:45:18	Dark	41.000	20	Bet Cru	1.2530	30000.	82	35896	No
252	GOM_NL__2PRFIN20090110_184932_000000392075_00271_35896_3913.N1	10-JAN-2009 18:49:32	Dark	38.500	124	The Car	2.7640	30000.	77	35896	No
253	GOM_NL__2PRFIN20090110_185105_000000382075_00271_35896_3914.N1	10-JAN-2009 18:51:05	Dark	38.000	29	Bet Car	1.6720	10200.	76	35896	No
254	GOM_NL__2PRFIN20090110_185252_000000402075_00271_35896_3915.N1	10-JAN-2009 18:52:52	Dark	39.500	71	lot Car	2.2460	7700.0	79	35896	No
255	GOM_NL__2PRFIN20090110_185413_000000392075_00271_35896_3916.N1	10-JAN-2009 18:54:13	Dark	38.500	41	Eps Car	1.8600	4100.0	77	35896	No
256	GOM_NL__2PRFIN20090110_185731_000000382075_00271_35896_3917.N1	10-JAN-2009 18:57:31	Dark	37.500	34	Gam2Vel	1.7930	23000.	75	35896	No
257	GOM_NL__2PRFIN20090110_185941_000000422075_00271_35896_3918.N1	10-JAN-2009 18:59:41	Dark	42.000	70	Zet Pup	2.2460	39000.	84	35896	No
258	GOM_NL__2PRFIN20090110_190127_000000442075_00271_35896_3919.N1	10-JAN-2009 19:01:27	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	35896	No
259	GOM_NL__2PRFIN20090110_190404_000000442075_00271_35896_3920.N1	10-JAN-2009 19:04:04	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	35896	No
260	GOM_NL__2PRFIN20090110_190531_000000422075_00271_35896_3921.N1	10-JAN-2009 19:05:31	Straylight	42.000	179	24Omi2CMa	3.0320	24000.	84	35896	No
261	GOM_NL__2PRFIN20090110_190748_000000472075_00271_35896_3922.N1	10-JAN-2009 19:07:48	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	35896	No
262	GOM_NL__2PRFIN20090110_191016_000000412075_00271_35896_3923.N1	10-JAN-2009 19:10:16	Straylight	40.500	56	53Kap Ori	2.0650	30000.	81	35896	No
263	GOM_NL__2PRFIN20090110_191244_000000422075_00271_35896_3924.N1	10-JAN-2009 19:12:44	Tw_i_and_stray	41.500	30	46Eps Ori	1.6940	30000.	83	35896	No
264	GOM_NL__2PRFIN20090110_191501_000000502075_00271_35896_3925.N1	10-JAN-2009 19:15:01	Tw_i_and_stray	50.000	14	58Alp Ori	0.87000	3000.0	100	35896	No
265	GOM_NL__2PRFIN20090110_191744_000000462075_00271_35896_3926.N1	10-JAN-2009 19:17:44	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	35896	No
266	GOM_NL__2PRFIN20090110_191925_000000462075_00271_35896_3927.N1	10-JAN-2009 19:19:25	Bright	46.000	151	13Mu Gem	2.8900	3000.0	92	35896	No
267	GOM_NL__2PRFIN20090110_192105_000000432075_00271_35896_3928.N1	10-JAN-2009 19:21:05	Bright	43.000	28	12Bet Tau	1.6500	15200.	86	35896	No
268	GOM_NL__2PRFIN20090110_192332_000000352075_00271_35896_3929.N1	10-JAN-2009 19:23:32	Bright	34.500	107	37The Aur	2.6490	11000.	69	35896	No
269	GOM_NL__2PRFIN20090110_192544_000000362075_00271_35896_3930.N1	10-JAN-2009 19:25:44	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	35896	No
270	GOM_NL__2PRFIN20090110_193812_000000372075_00271_35896_3931.N1	10-JAN-2009 19:38:12	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	35896	No
271	GOM_NL__2PRFIN20090110_194221_000000412075_00271_35896_3932.N1	10-JAN-2009 19:42:21	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	35896	No
272	GOM_NL__2PRFIN20090110_194632_000000342075_00271_35896_3933.N1	10-JAN-2009 19:46:32	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	35896	No
273	GOM_NL__2PRFIN20090110_194858_000000432075_00271_35896_3934.N1	10-JAN-2009 19:48:58	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	35896	No
274	GOM_NL__2PRFIN20090110_195512_000000532075_00271_35896_3935.N1	10-JAN-2009 19:55:12	Bright	53.000	133	40Zet Her	2.8070	6000.0	106	35896	No
275	GOM_NL__2PRFIN20090110_195722_000000422075_00271_35896_3936.N1	10-JAN-2009 19:57:22	Bright	41.500	67	5Alp CrB	2.2210	11000.	83	35896	No
276	GOM_NL__2PRFIN20090110_200329_000000582075_00271_35896_3937.N1	10-JAN-2009 20:03:29	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	35896	No
277	GOM_NL__2PRFIN20090110_200541_000000512075_00271_35896_3938.N1	10-JAN-2009 20:05:41	Bright	51.000	120	1Del Oph	2.7340	3200.0	102	35896	No
278	GOM_NL__2PRFIN20090110_200707_000000472075_00271_35896_3939.N1	10-JAN-2009 20:07:07	Bright	46.500	98	13Zet Oph	2.5710	30000.	93	35896	No

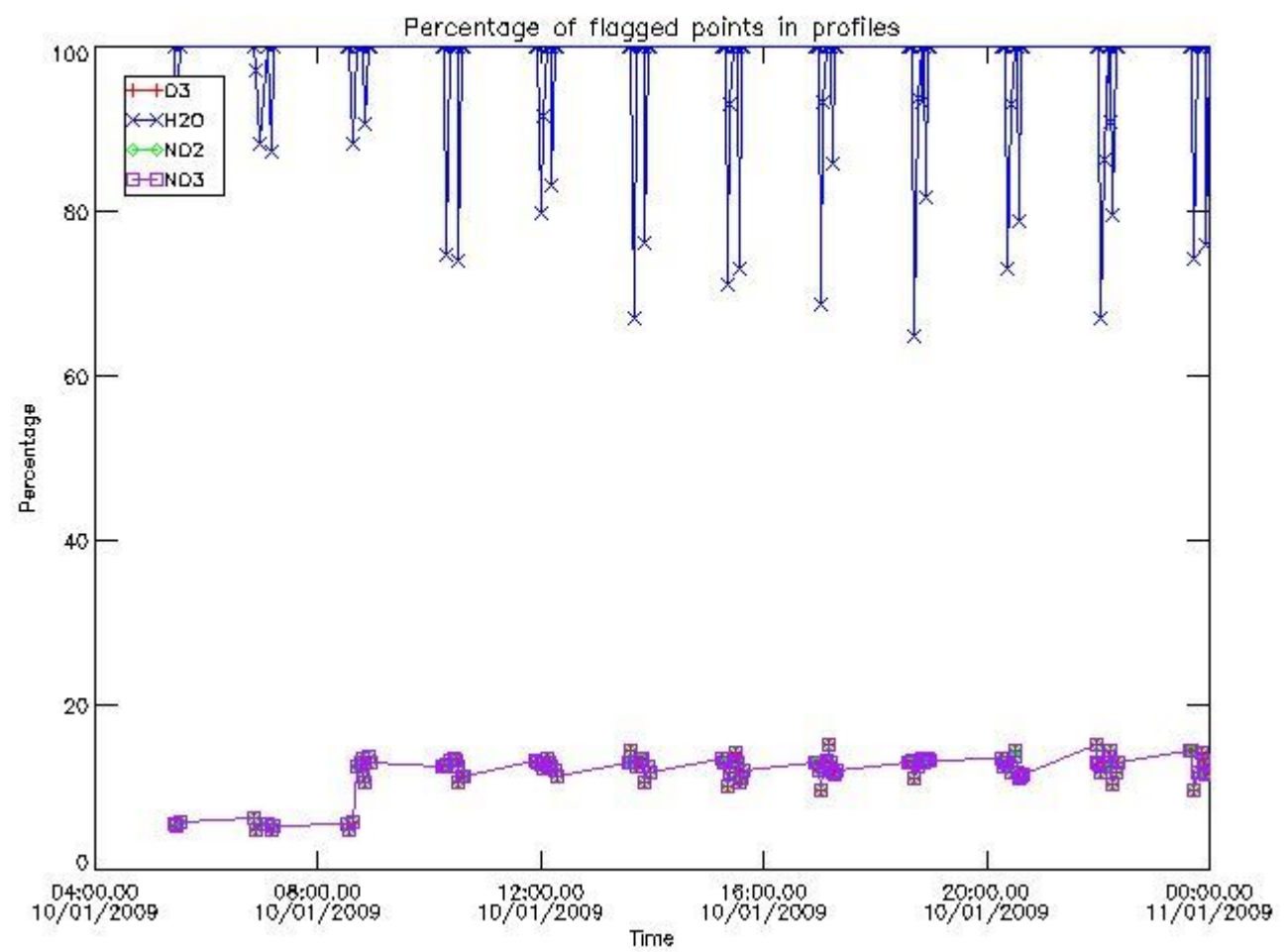
279	GOM_NL__2PRFIN20090110_200902_000000492075_00271_35896_3940.N1	10-JAN-2009 20:09:02	TwI_and_stray	48.500	104	27Bet Lib	2.6140	13100.	97	35896	No
280	GOM_NL__2PRFIN20090110_201134_000000522075_00271_35896_3941.N1	10-JAN-2009 20:11:34	TwI_and_stray	52.000	16	21Alp Sco	1.0200	3000.0	104	35896	No
281	GOM_NL__2PRFIN20090110_201640_000000382075_00271_35896_3942.N1	10-JAN-2009 20:16:40	Dark	38.000	131	Gam Lup	2.8000	26000.	76	35896	No
282	GOM_NL__2PRFIN20090110_201817_000000412075_00271_35896_3943.N1	10-JAN-2009 20:18:17	Dark	41.000	109	Bet Lup	2.6770	26000.	82	35896	No
283	GOM_NL__2PRFIN20090110_201947_000000392075_00271_35896_3944.N1	10-JAN-2009 20:19:47	Dark	39.000	78	Alp Lup	2.3040	28000.	78	35896	No
284	GOM_NL__2PRFIN20090110_202235_000000402075_00272_35897_3935.N1	10-JAN-2009 20:22:35	Dark	39.500	4	Alp1Cen	-0.010000	5800.0	79	35897	No
285	GOM_NL__2PRFIN20090110_202554_000000442075_00272_35897_3936.N1	10-JAN-2009 20:25:54	Dark	43.500	20	Bet Cru	1.2530	30000.	87	35897	No
286	GOM_NL__2PRFIN20090110_203009_000000372075_00272_35897_3937.N1	10-JAN-2009 20:30:09	Dark	37.000	124	The Car	2.7640	30000.	74	35897	No
287	GOM_NL__2PRFIN20090110_203141_000000392075_00272_35897_3938.N1	10-JAN-2009 20:31:41	Dark	39.000	29	Bet Car	1.6720	10200.	78	35897	No
288	GOM_NL__2PRFIN20090110_203328_000000432075_00272_35897_3939.N1	10-JAN-2009 20:33:28	Dark	43.000	71	lot Car	2.2460	7700.0	86	35897	No
289	GOM_NL__2PRFIN20090110_203449_000000462075_00272_35897_3940.N1	10-JAN-2009 20:34:49	Dark	45.500	41	Eps Car	1.8600	4100.0	91	35897	No
290	GOM_NL__2PRFIN20090110_203807_000000452075_00272_35897_3941.N1	10-JAN-2009 20:38:07	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	35897	No
291	GOM_NL__2PRFIN20090110_204017_000000442075_00272_35897_3942.N1	10-JAN-2009 20:40:17	Dark	44.000	70	Zet Pup	2.2460	39000.	88	35897	No
292	GOM_NL__2PRFIN20090110_204204_000000442075_00272_35897_3943.N1	10-JAN-2009 20:42:04	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	35897	No
293	GOM_NL__2PRFIN20090110_204441_000000432075_00272_35897_3944.N1	10-JAN-2009 20:44:41	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	35897	No
294	GOM_NL__2PRFIN20090110_204607_000000412075_00272_35897_3945.N1	10-JAN-2009 20:46:07	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	35897	No
295	GOM_NL__2PRFIN20090110_204824_000000452075_00272_35897_3946.N1	10-JAN-2009 20:48:24	Straylight	44.500	1	9Alp CMa	-1.4400	11000.	89	35897	No
296	GOM_NL__2PRFIN20090110_205052_000000442075_00272_35897_3947.N1	10-JAN-2009 20:50:52	Straylight	43.500	56	53Kap Ori	2.0650	30000.	87	35897	No
297	GOM_NL__2PRFIN20090110_205320_000000412075_00272_35897_3948.N1	10-JAN-2009 20:53:20	TwI_and_stray	41.000	30	46Eps Ori	1.6940	30000.	82	35897	No
298	GOM_NL__2PRFIN20090110_205537_000000492075_00272_35897_3949.N1	10-JAN-2009 20:55:37	TwI_and_stray	49.000	14	58Alp Ori	0.87000	3000.0	98	35897	No
299	GOM_NL__2PRFIN20090110_205819_000000452075_00272_35897_3950.N1	10-JAN-2009 20:58:19	TwI_and_stray	45.000	44	24Gam Gem	1.9280	11000.	90	35897	No
300	GOM_NL__2PRFIN20090110_210001_000000432075_00272_35897_3951.N1	10-JAN-2009 21:00:01	Bright	43.000	151	13Mu Gem	2.8900	3000.0	86	35897	No
301	GOM_NL__2PRFIN20090110_210141_000000382075_00272_35897_3952.N1	10-JAN-2009 21:01:41	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	35897	No
302	GOM_NL__2PRFIN20090110_210408_000000372075_00272_35897_3953.N1	10-JAN-2009 21:04:08	Bright	37.000	107	37The Aur	2.6490	11000.	74	35897	No
303	GOM_NL__2PRFIN20090110_210620_000000372075_00272_35897_3954.N1	10-JAN-2009 21:06:20	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	35897	No
304	GOM_NL__2PRFIN20090110_211848_000000372075_00272_35897_3955.N1	10-JAN-2009 21:18:48	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	35897	No
305	GOM_NL__2PRFIN20090110_212257_000000342075_00272_35897_3956.N1	10-JAN-2009 21:22:57	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	35897	No
306	GOM_NL__2PRFIN20090110_212708_000000402075_00272_35897_3957.N1	10-JAN-2009 21:27:08	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	35897	No
307	GOM_NL__2PRFIN20090110_212934_000000522075_00272_35897_3958.N1	10-JAN-2009 21:29:34	Bright	52.000	130	23Bet Dra	2.7990	5800.0	104	35897	No
308	GOM_NL__2PRFIN20090110_213548_000000362075_00272_35897_3959.N1	10-JAN-2009 21:35:48	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	35897	No
309	GOM_NL__2PRFIN20090110_213758_000000602075_00272_35897_3960.N1	10-JAN-2009 21:37:58	Bright	60.000	67	5Alp CrB	2.2210	11000.	120	35897	No
310	GOM_NL__2PRFIN20090110_214406_000000582075_00272_35897_3961.N1	10-JAN-2009 21:44:06	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	35897	No
311	GOM_NL__2PRFIN20090110_214617_000000542075_00272_35897_3962.N1	10-JAN-2009 21:46:17	Bright	54.000	120	1Del Oph	2.7340	3200.0	108	35897	No
312	GOM_NL__2PRFIN20090110_214743_000000412075_00272_35897_3963.N1	10-JAN-2009 21:47:43	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	35897	No
313	GOM_NL__2PRFIN20090110_214938_000000472075_00272_35897_3964.N1	10-JAN-2009 21:49:38	TwI_and_stray	46.500	104	27Bet Lib	2.6140	13100.	93	35897	No
314	GOM_NL__2PRFIN20090110_215210_000000462075_00272_35897_3965.N1	10-JAN-2009 21:52:10	TwI_and_stray	45.500	16	21Alp Sco	1.0200	3000.0	91	35897	No
315	GOM_NL__2PRFIN20090110_215716_000000402075_00272_35897_3966.N1	10-JAN-2009 21:57:16	Dark	40.000	131	Gam Lup	2.8000	26000.	80	35897	No
316	GOM_NL__2PRFIN20090110_215853_000000402075_00272_35897_3967.N1	10-JAN-2009 21:58:53	Dark	39.500	109	Bet Lup	2.6770	26000.	79	35897	No
317	GOM_NL__2PRFIN20090110_220024_000000402075_00272_35897_3968.N1	10-JAN-2009 22:00:24	Dark	40.000	78	Alp Lup	2.3040	28000.	80	35897	No
318	GOM_NL__2PRFIN20090110_220312_000000432075_00273_35898_3594.N1	10-JAN-2009 22:03:12	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	35898	No
319	GOM_NL__2PRFIN20090110_220631_000000412075_00273_35898_3595.N1	10-JAN-2009 22:06:31	Dark	40.500	20	Bet Cru	1.2530	30000.	81	35898	No
320	GOM_NL__2PRFIN20090110_221045_000000372075_00273_35898_3596.N1	10-JAN-2009 22:10:45	Dark	37.000	124	The Car	2.7640	30000.	74	35898	No
321	GOM_NL__2PRFIN20090110_221217_000000392075_00273_35898_3597.N1	10-JAN-2009 22:12:17	Dark	39.000	29	Bet Car	1.6720	10200.	78	35898	No
322	GOM_NL__2PRFIN20090110_221404_000000412075_00273_35898_3598.N1	10-JAN-2009 22:14:04	Dark	40.500	71	lot Car	2.2460	7700.0	81	35898	No
323	GOM_NL__2PRFIN20090110_221525_000000492075_00273_35898_3599.N1	10-JAN-2009 22:15:25	Dark	49.000	41	Eps Car	1.8600	4100.0	98	35898	No
324	GOM_NL__2PRFIN20090110_221843_000000432075_00273_35898_3600.N1	10-JAN-2009 22:18:43	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	35898	No
325	GOM_NL__2PRFIN20090110_222053_000000432075_00273_35898_3601.N1	10-JAN-2009 22:20:53	Dark	43.000	70	Zet Pup	2.2460	39000.	86	35898	No
326	GOM_NL__2PRFIN20090110_222239_000000452075_00273_35898_3602.N1	10-JAN-2009 22:22:39	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	35898	No
327	GOM_NL__2PRFIN20090110_222517_000000432075_00273_35898_3603.N1	10-JAN-2009 22:25:17	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	35898	No
328	GOM_NL__2PRFIN20090110_222644_000000412075_00273_35898_3604.N1	10-JAN-2009 22:26:44	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	35898	No
329	GOM_NL__2PRFIN20090110_222900_000000472075_00273_35898_3605.N1	10-JAN-2009 22:29:00	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	35898	No
330	GOM_NL__2PRFIN20090110_223128_000000422075_00273_35898_3606.N1	10-JAN-2009 22:31:28	Straylight	41.500	56	53Kap Ori	2.0650	30000.	83	35898	No
331	GOM_NL__2PRFIN20090110_223356_000000432075_00273_35898_3607.N1	10-JAN-2009 22:33:56	TwI_and_stray	42.500	30	46Eps Ori	1.6940	30000.	85	35898	No
332	GOM_NL__2PRFIN20090110_223613_000000502075_00273_35898_3608.N1	10-JAN-2009 22:36:13	TwI_and_stray	49.500	14	58Alp Ori	0.87000	3000.0	99	35898	No
333	GOM_NL__2PRFIN20090110_223855_000000442075_00273_35898_3609.N1	10-JAN-2009 22:38:55	TwI_and_stray	44.000	44	24Gam Gem	1.9280	11000.	88	35898	No
334	GOM_NL__2PRFIN20090110_224037_000000442075_00273_35898_3610.N1	10-JAN-2009 22:40:37	Bright	43.500	151	13Mu Gem	2.8900	3000.0	87	35898	No
335	GOM_NL__2PRFIN20090110_224218_000000382075_00273_35898_3611.N1	10-JAN-2009 22:42:18	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	35898	No
336	GOM_NL__2PRFIN20090110_224443_000000362075_00273_35898_3612.N1	10-JAN-2009 22:44:43	Bright	35.500	107	37The Aur	2.6490	11000.	71	35898	No
337	GOM_NL__2PRFIN20090110_224656_000000362075_00273_35898_3613.N1	10-JAN-2009 22:46:56	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	35898	No

338	GOM_NL__2PRFIN20090110_225924_000000372075_00273_35898_3614.N1	10-JAN-2009 22:59:24	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	35898	No
339	GOM_NL__2PRFIN20090110_230332_000000342075_00273_35898_3615.N1	10-JAN-2009 23:03:32	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	35898	No
340	GOM_NL__2PRFIN20090110_230743_000000382075_00273_35898_3616.N1	10-JAN-2009 23:07:43	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	35898	No
341	GOM_NL__2PRFIN20090110_231010_000000412075_00273_35898_3617.N1	10-JAN-2009 23:10:10	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	35898	No
342	GOM_NL__2PRFIN20090110_231624_000000352075_00273_35898_3618.N1	10-JAN-2009 23:16:24	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	35898	No
343	GOM_NL__2PRFIN20090110_231834_000000422075_00273_35898_3619.N1	10-JAN-2009 23:18:34	Bright	41.500	67	5Alp CrB	2.2210	11000.	83	35898	No
344	GOM_NL__2PRFIN20090110_232442_000000592075_00273_35898_3620.N1	10-JAN-2009 23:24:42	Bright	59.000	102	24Alp Ser	2.6000	4250.0	118	35898	No
345	GOM_NL__2PRFIN20090110_232653_000000542075_00273_35898_3621.N1	10-JAN-2009 23:26:53	Bright	54.000	120	1Del Oph	2.7340	3200.0	108	35898	No
346	GOM_NL__2PRFIN20090110_232820_000000522075_00273_35898_3622.N1	10-JAN-2009 23:28:20	Bright	52.000	98	13Zet Oph	2.5710	30000.	104	35898	No
347	GOM_NL__2PRFIN20090110_233015_000000452075_00273_35898_3623.N1	10-JAN-2009 23:30:15	Tw_i_and_stray	44.500	104	27Bet Lib	2.6140	13100.	89	35898	No
348	GOM_NL__2PRFIN20090110_233246_000000522075_00273_35898_3624.N1	10-JAN-2009 23:32:46	Tw_i_and_stray	52.000	16	21Alp Sco	1.0200	3000.0	104	35898	No
349	GOM_NL__2PRFIN20090110_233929_000000392075_00273_35898_3625.N1	10-JAN-2009 23:39:29	Dark	38.500	109	Bet Lup	2.6770	26000.	77	35898	No
350	GOM_NL__2PRFIN20090110_234100_000000432075_00273_35898_3626.N1	10-JAN-2009 23:41:00	Dark	42.500	78	Alp Lup	2.3040	28000.	85	35898	No
351	GOM_NL__2PRFIN20090110_234348_000000532075_00274_35899_3994.N1	10-JAN-2009 23:43:48	Dark	53.000	4	Alp1Cen	-0.010000	5800.0	106	35899	No
352	GOM_NL__2PRFIN20090110_234707_000000432075_00274_35899_3995.N1	10-JAN-2009 23:47:07	Dark	43.000	20	Bet Cru	1.2530	30000.	86	35899	No
353	GOM_NL__2PRFIN20090110_235121_000000362075_00274_35899_3996.N1	10-JAN-2009 23:51:21	Dark	36.000	124	The Car	2.7640	30000.	72	35899	No
354	GOM_NL__2PRFIN20090110_235254_000000392075_00274_35899_3997.N1	10-JAN-2009 23:52:54	Dark	38.500	29	Bet Car	1.6720	10200.	77	35899	No
355	GOM_NL__2PRFIN20090110_235440_000000402075_00274_35899_3998.N1	10-JAN-2009 23:54:40	Dark	40.000	71	lot Car	2.2460	7700.0	80	35899	No
356	GOM_NL__2PRFIN20090110_235601_000000442075_00274_35899_3999.N1	10-JAN-2009 23:56:01	Dark	44.000	41	Eps Car	1.8600	4100.0	88	35899	No
357	GOM_NL__2PRFIN20090110_235920_000000432075_00274_35899_4000.N1	10-JAN-2009 23:59:20	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	35899	No

3. Quality information per product

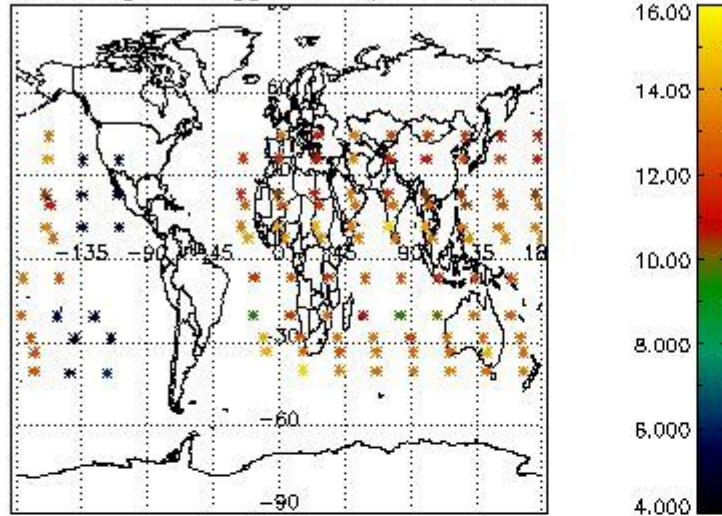
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

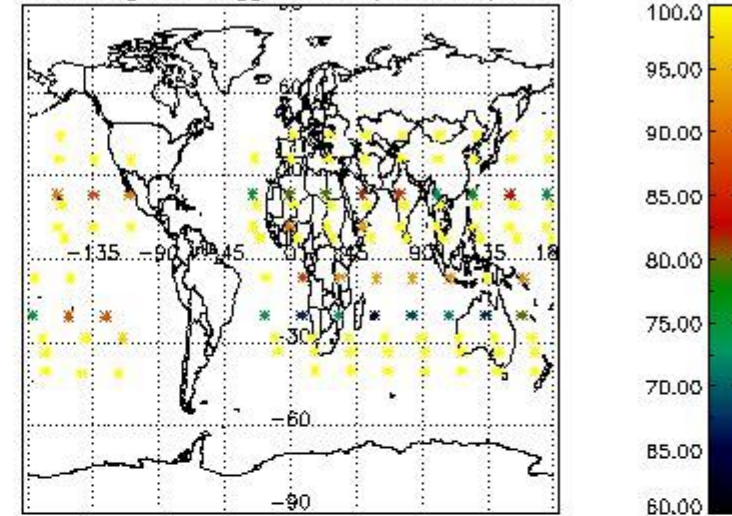


3.2 Plot quality information per product (world map)

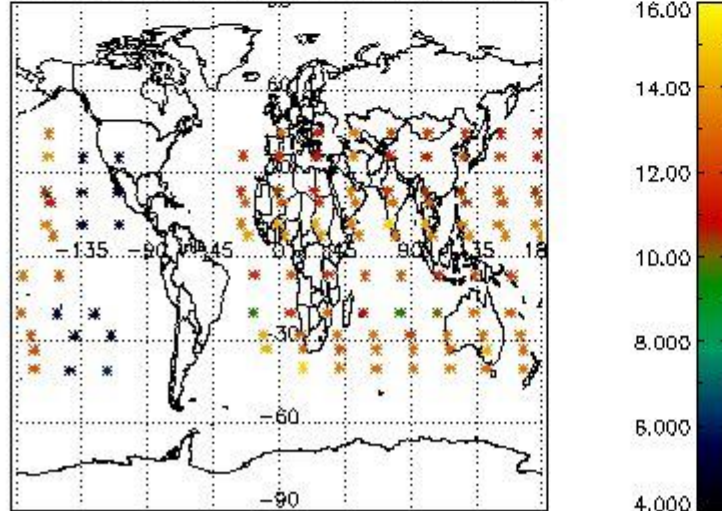
Percentage of flagged data per O3 profile



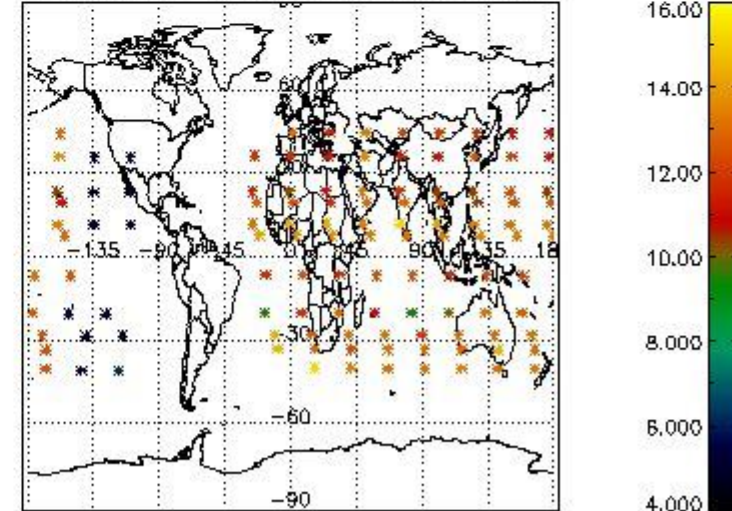
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

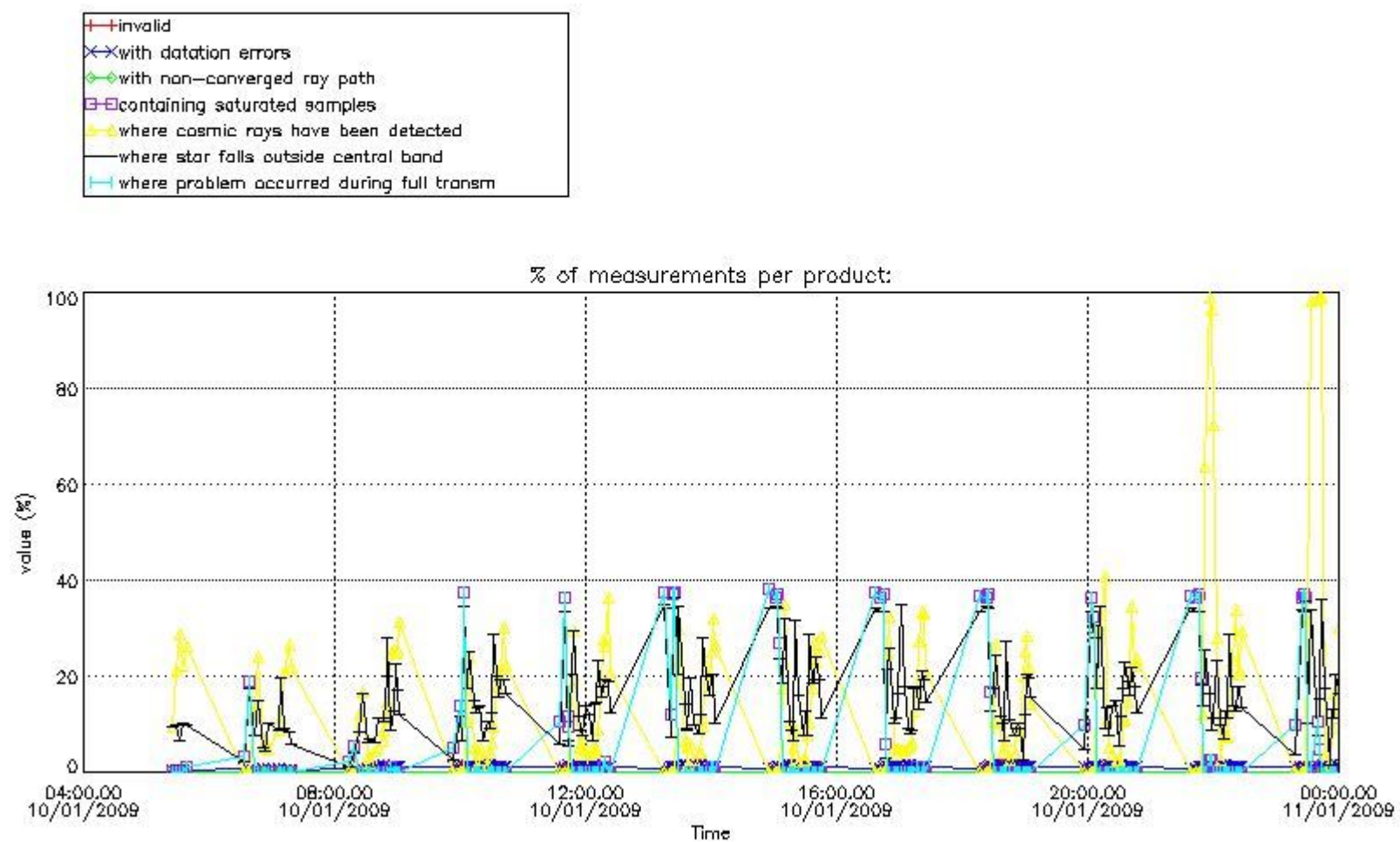


4. Level 1 quality information per product

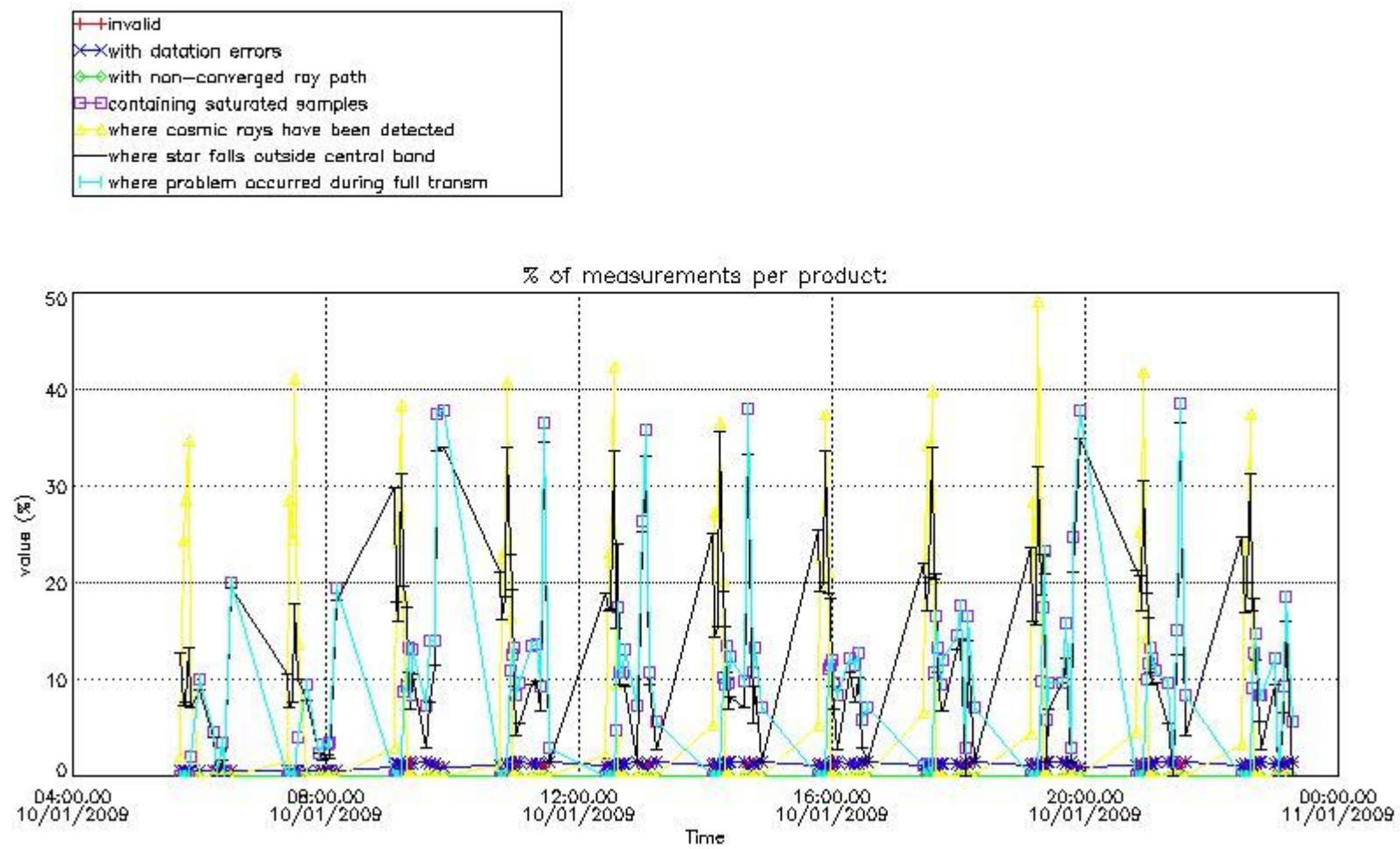
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

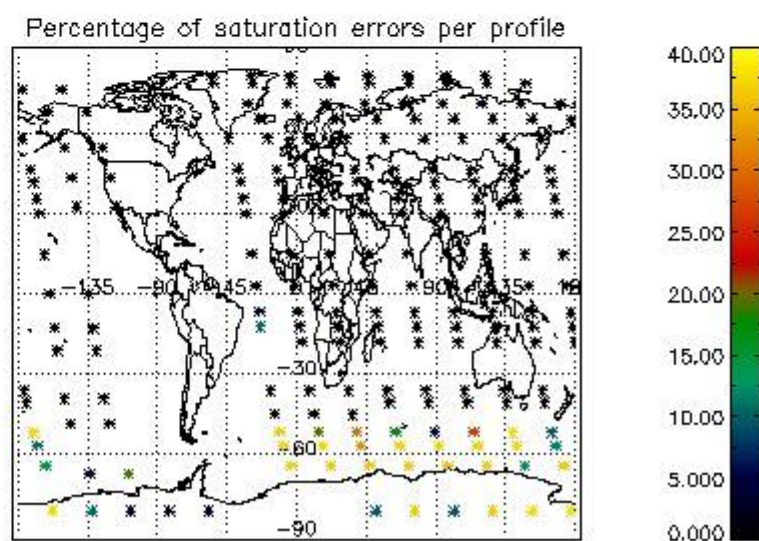
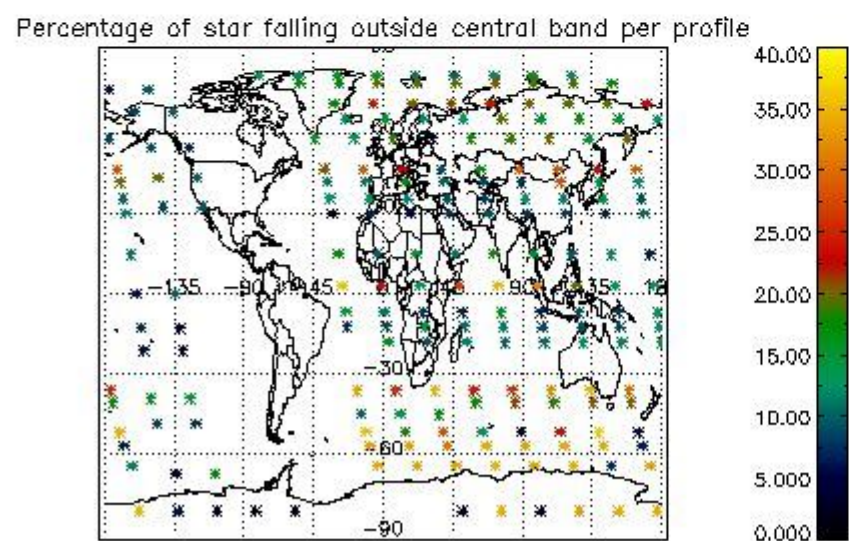
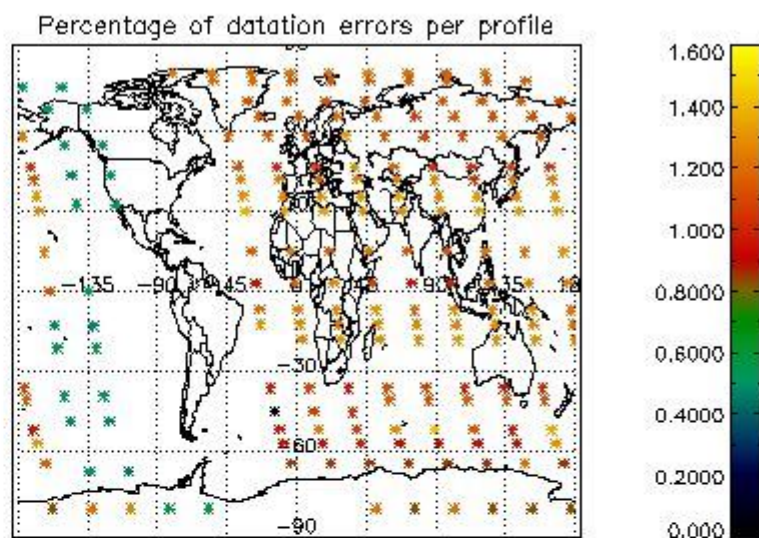
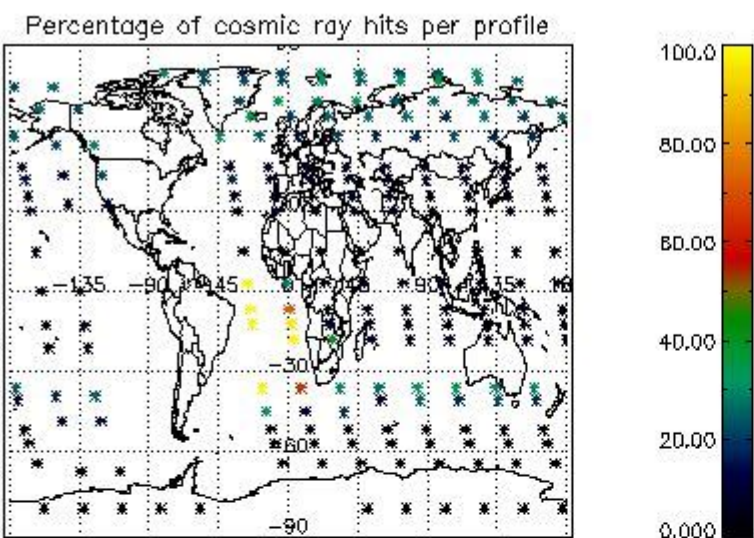


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



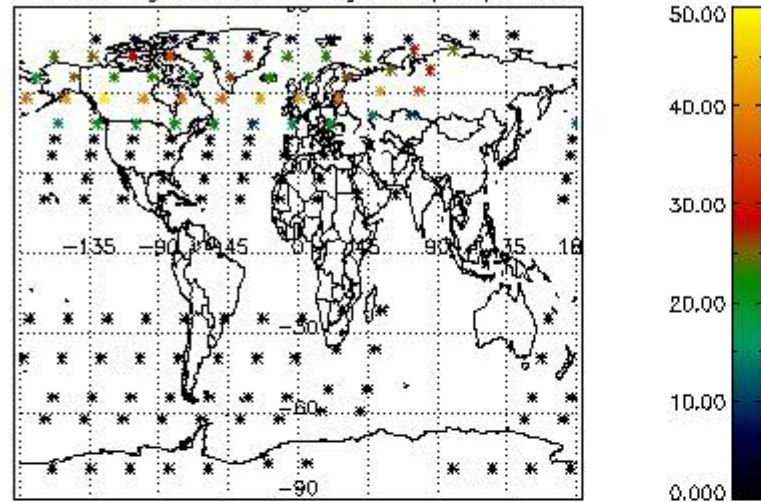
4.2 Plot quality information per product coming from level 1b processing (world map)

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

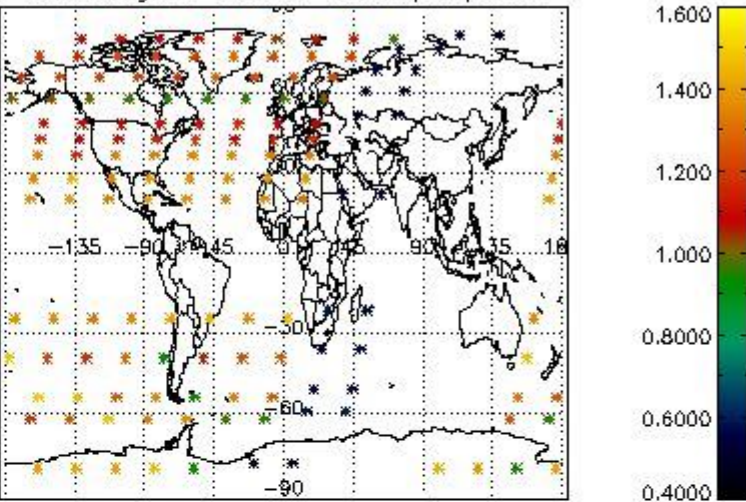


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

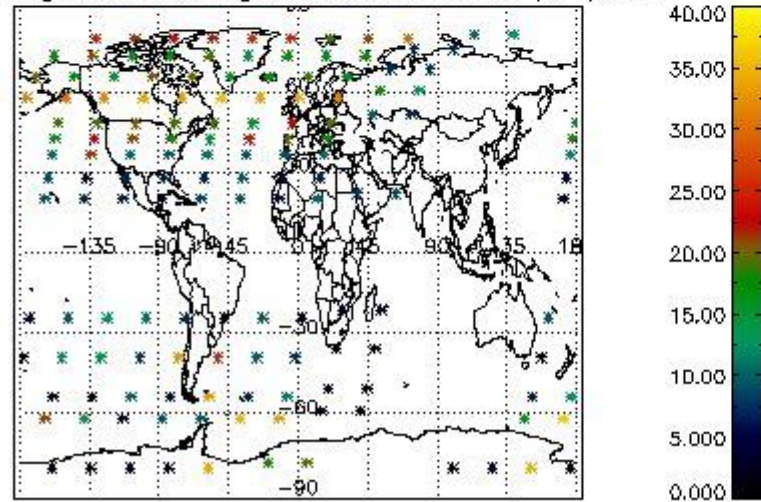
Percentage of cosmic ray hits per profile



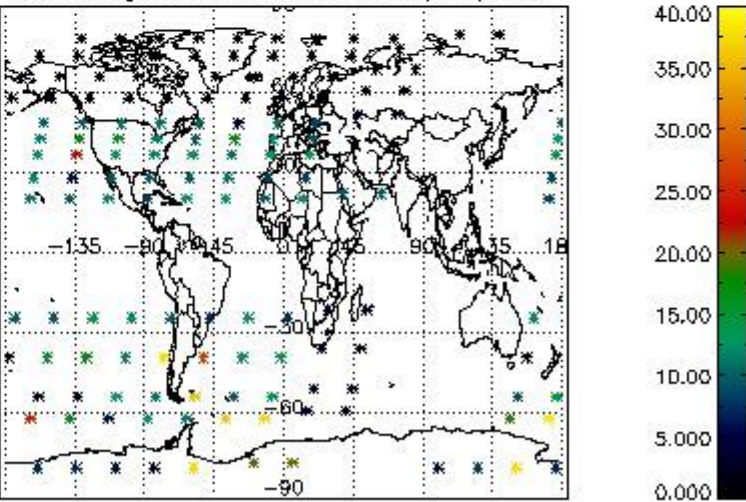
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

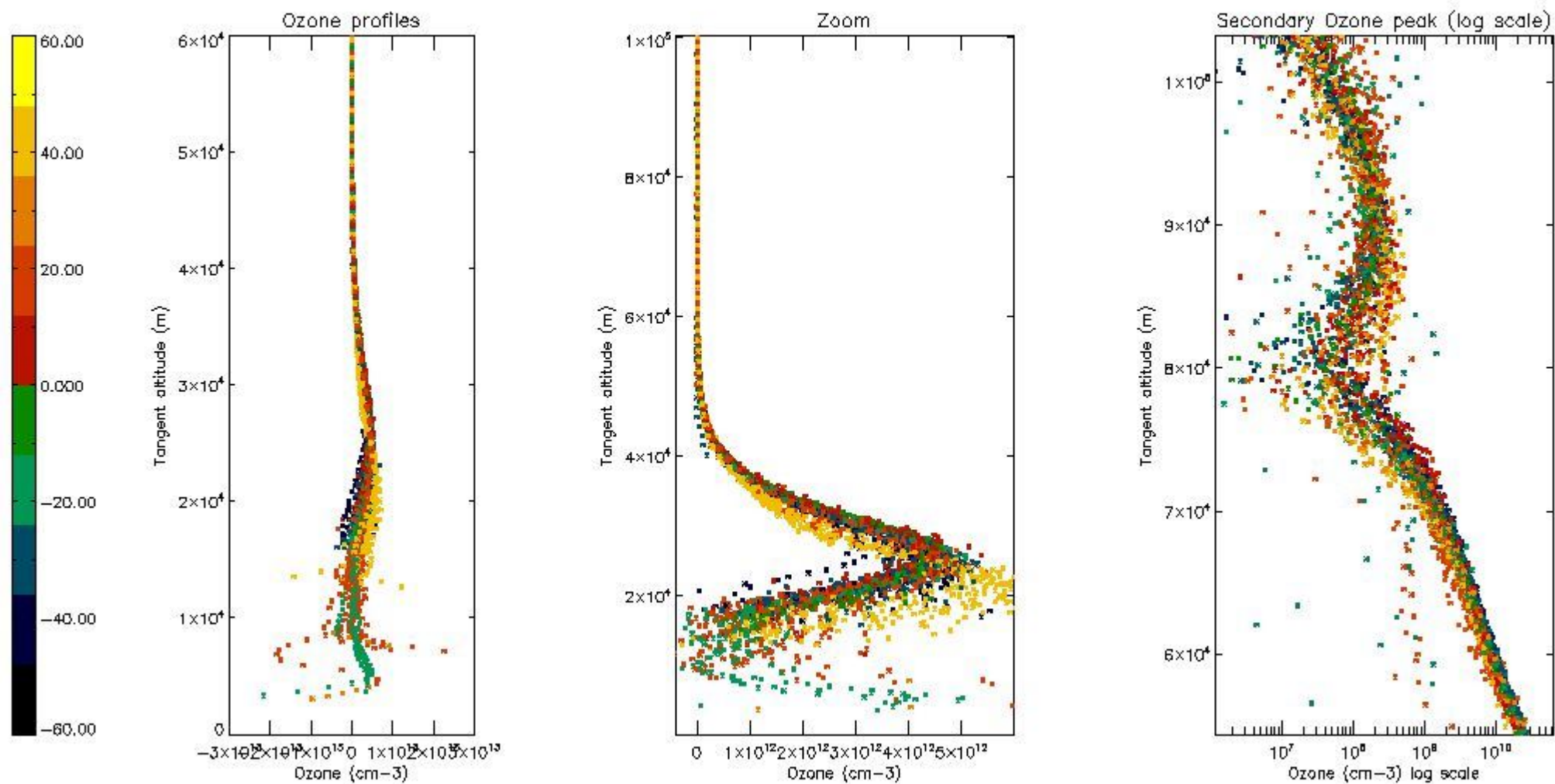
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	31
STD < 20	16

STD < 10	14
STD < 5	9

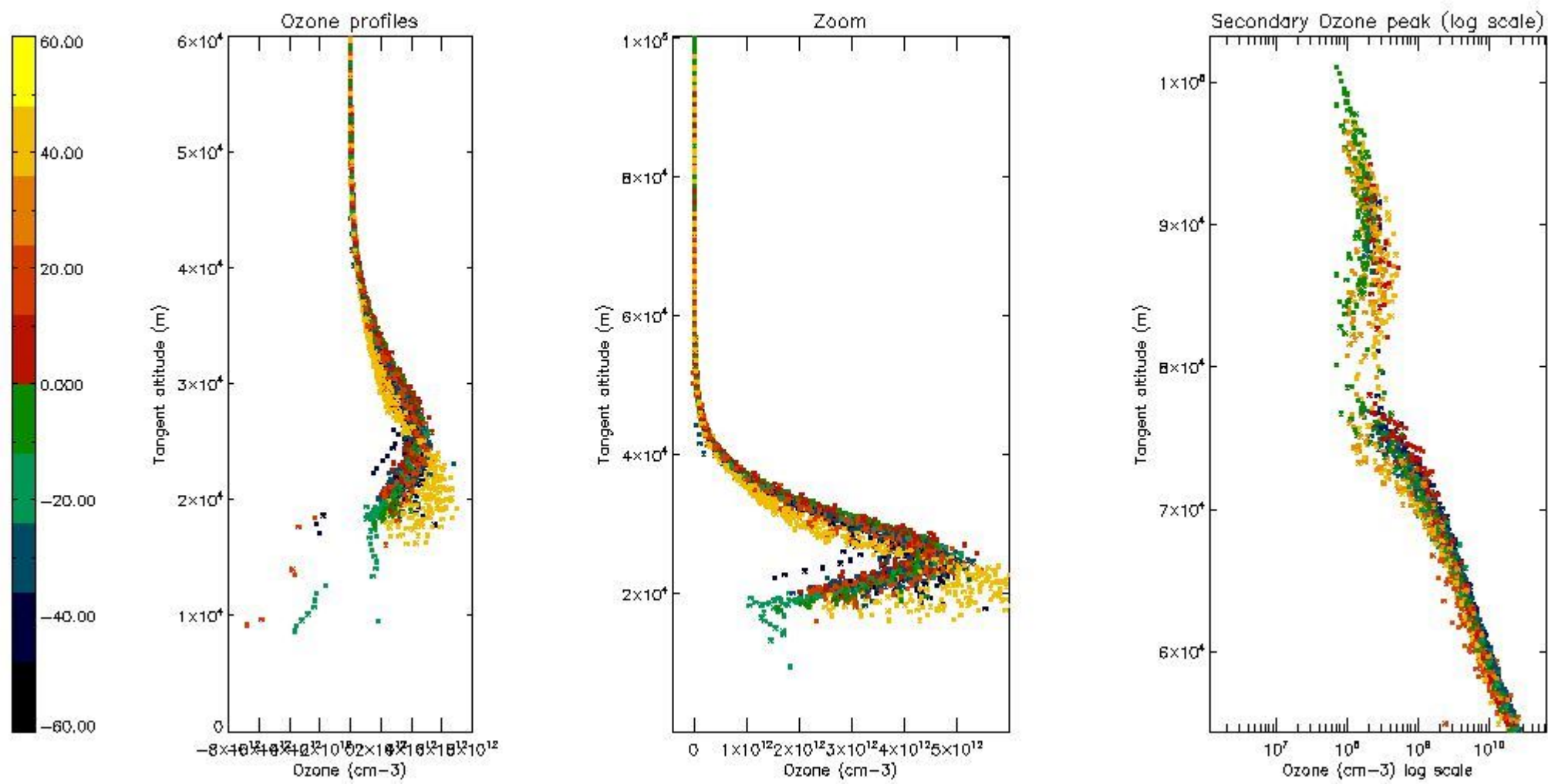
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



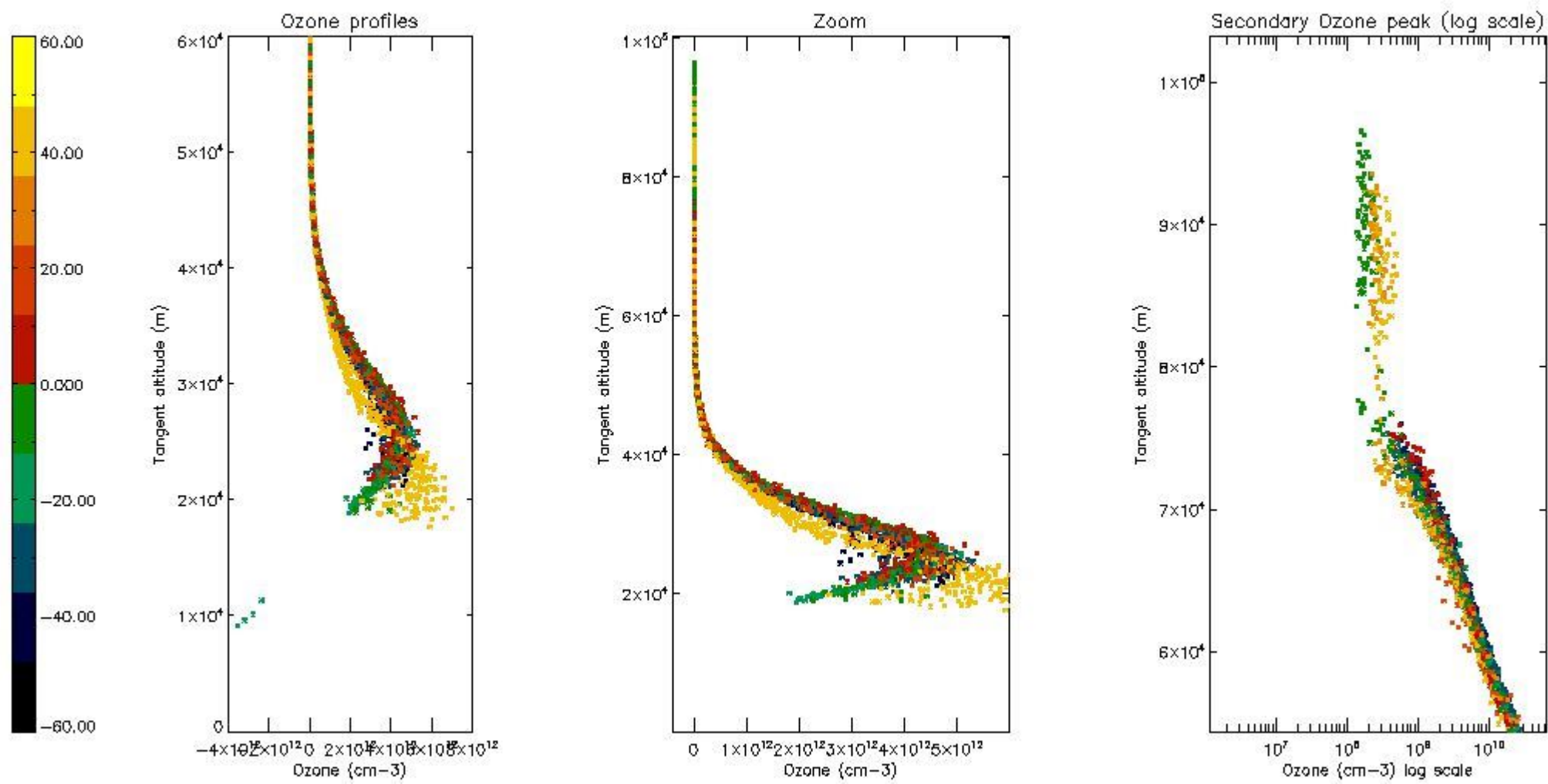
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



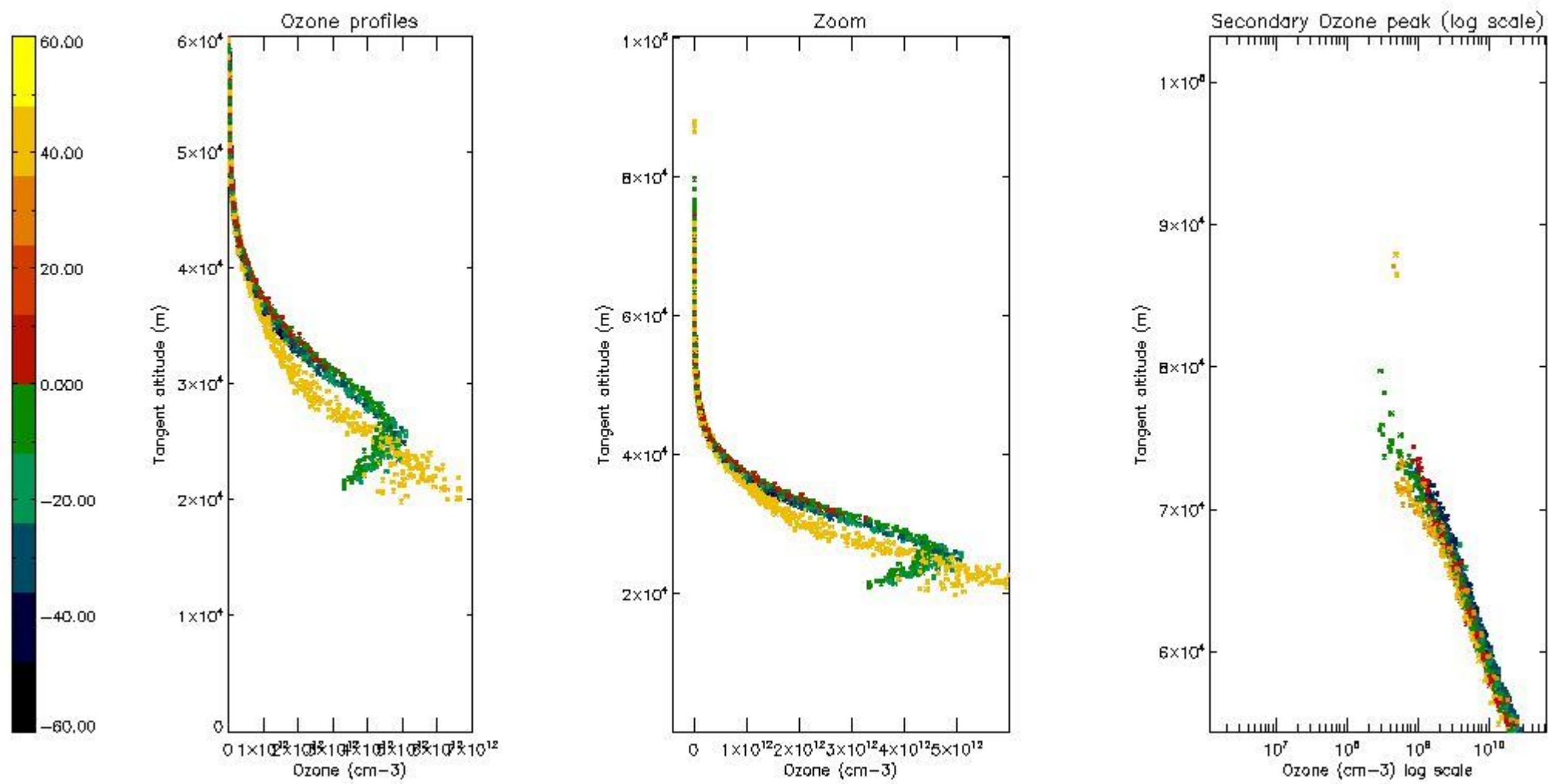
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



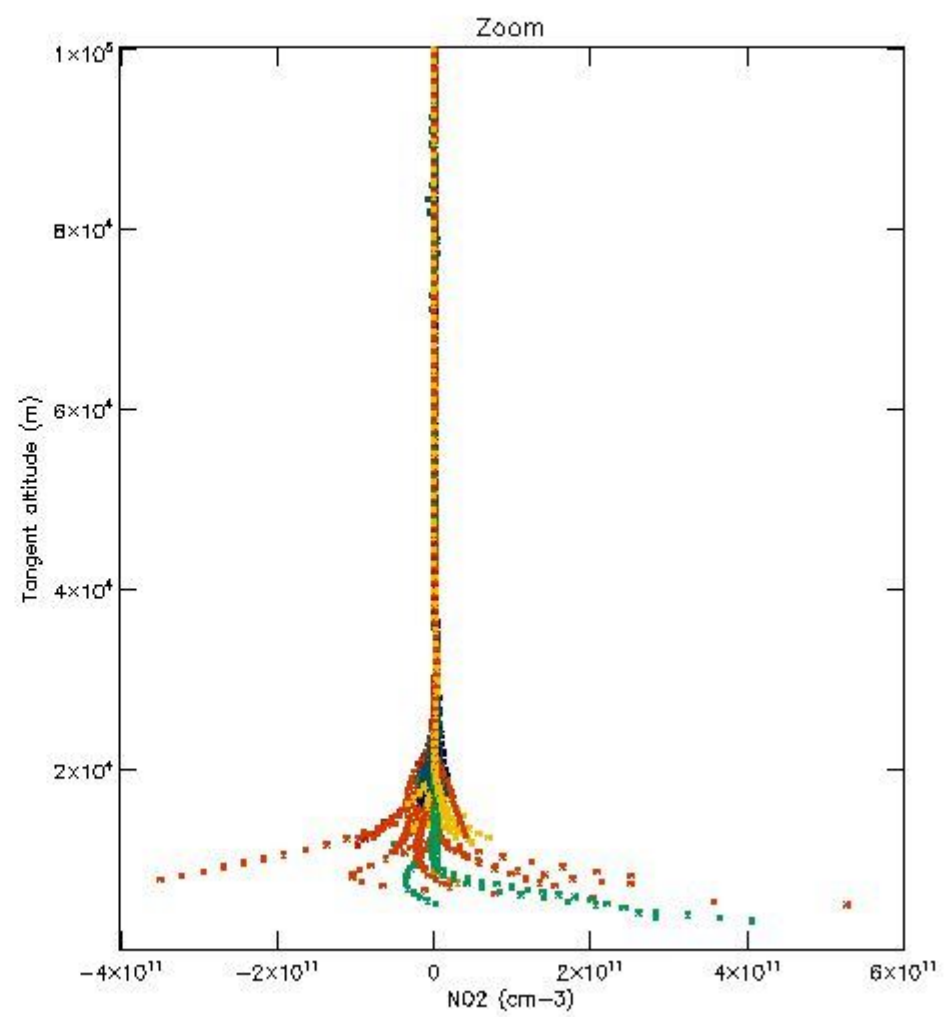
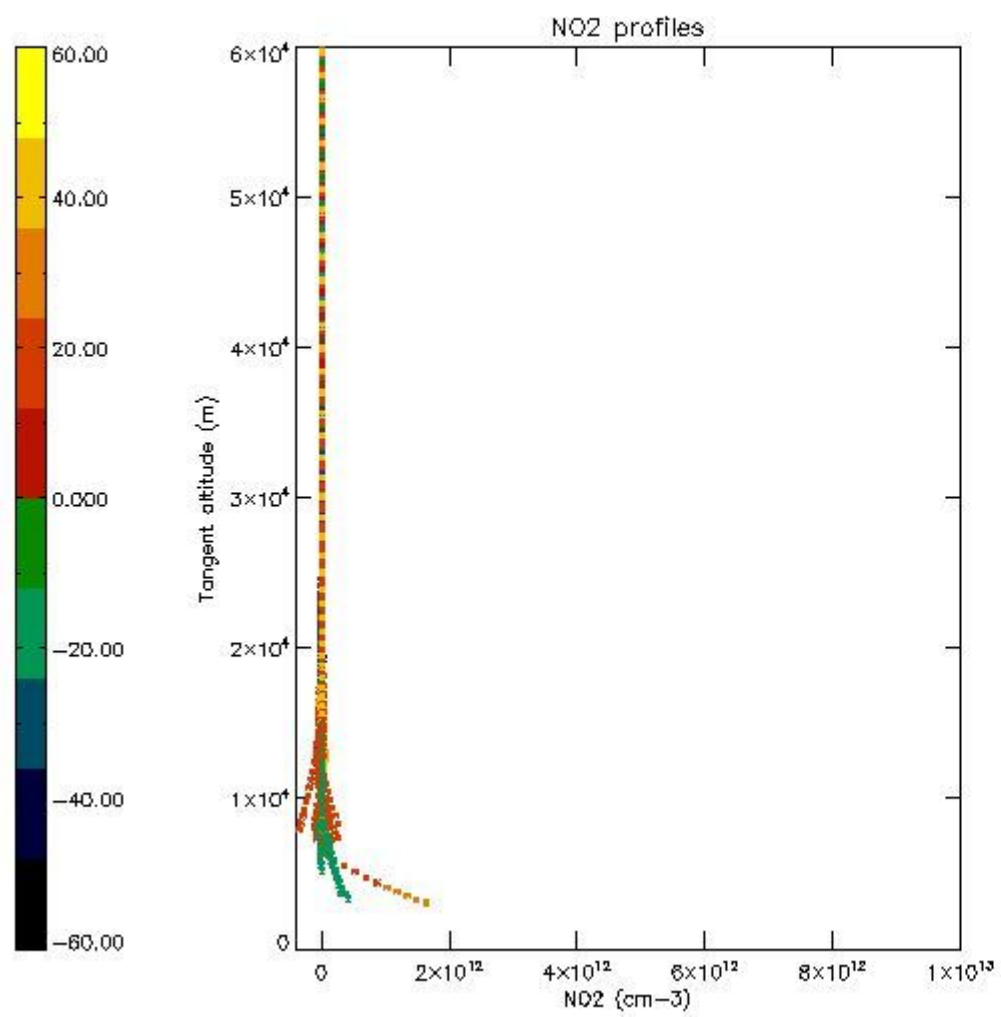
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



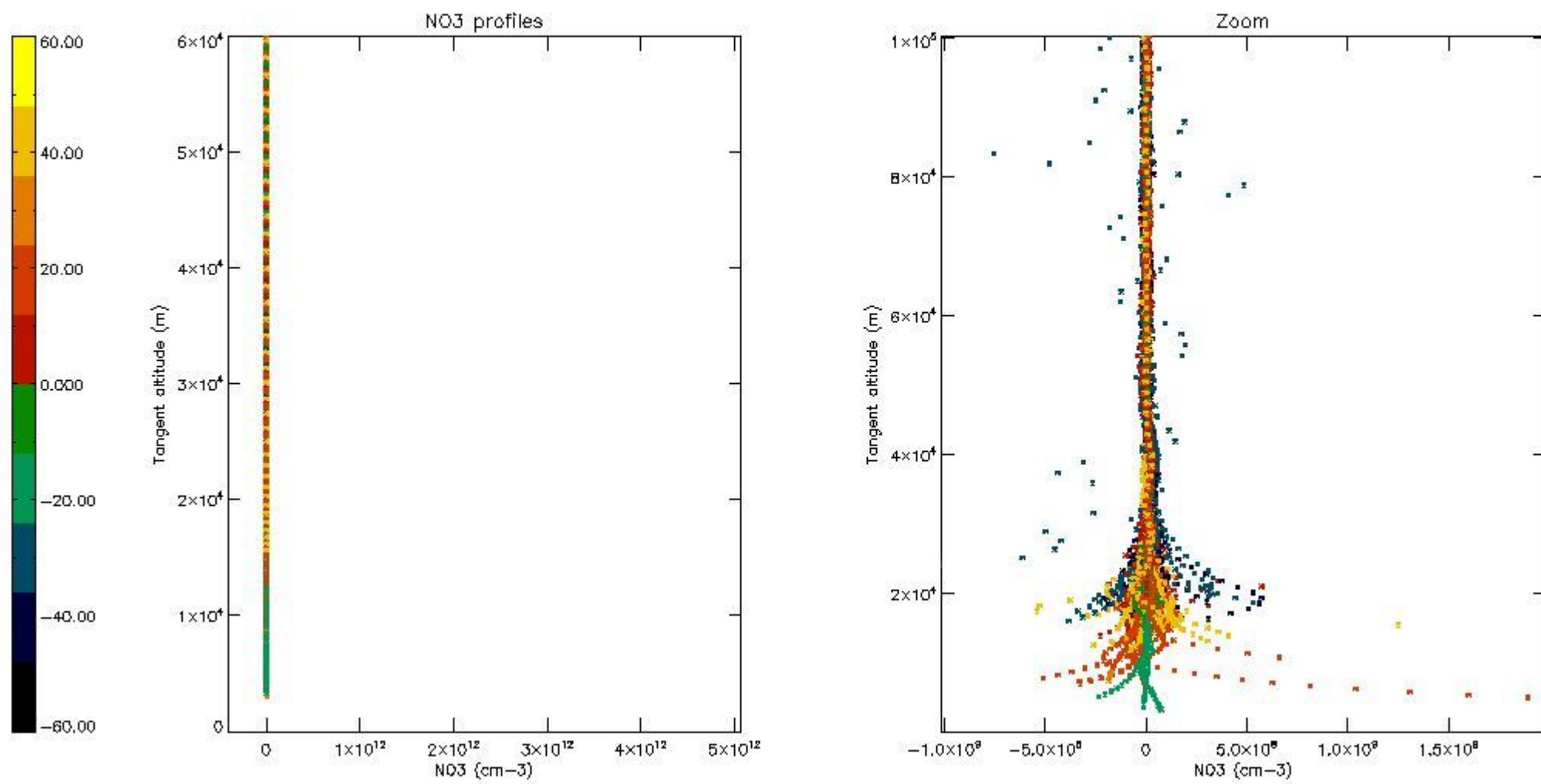
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



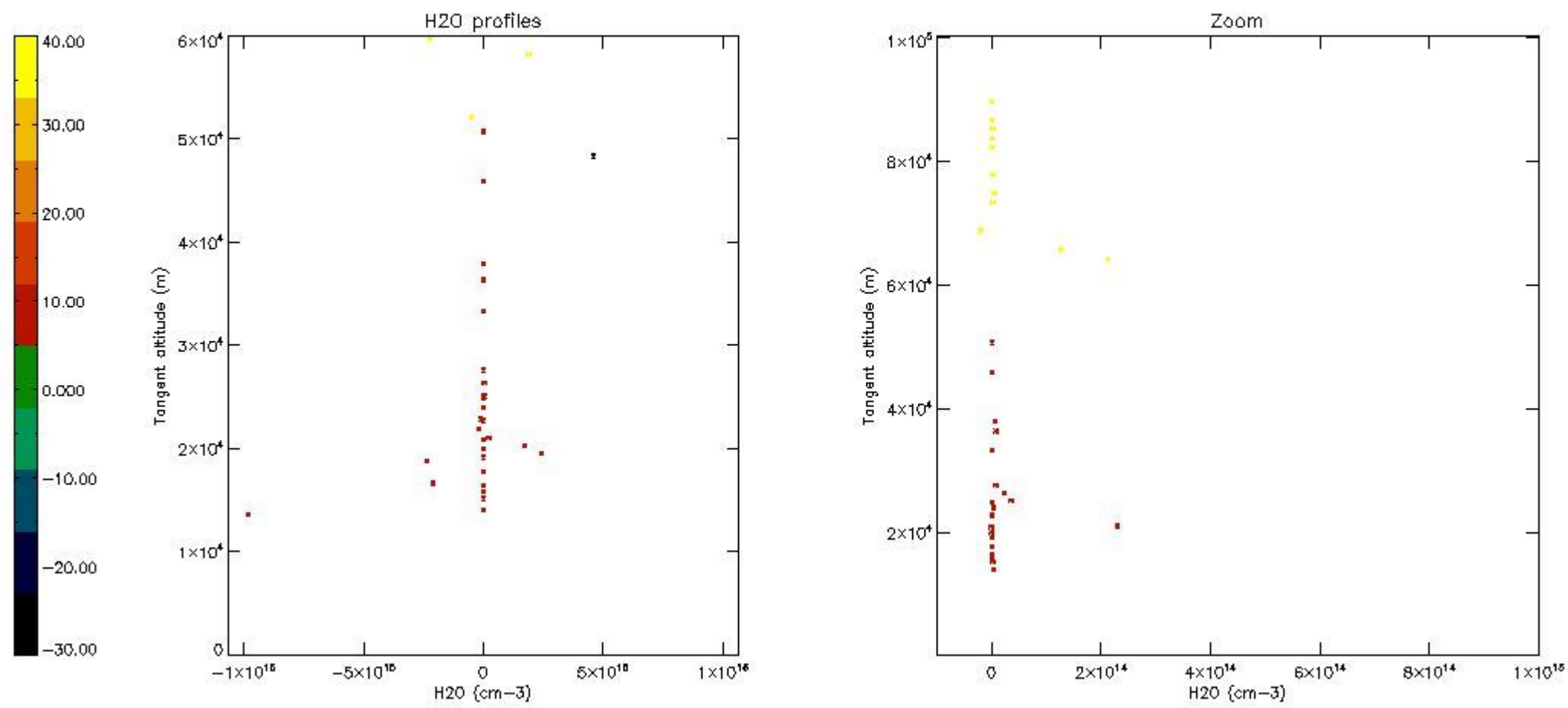
5.7 Plot NO3 profiles for all STD (dark without errors)

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	10-JAN-2009 05:25:25
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	10-JAN-2009 05:25:25
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	10-JAN-2009 05:25:25

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	25APR2013 08:59:13
Data source version	GOMOS/6.01
Start time of products	10-01-2009 (10JAN2009 00:00:00)
Stop time of products	11-01-2009 (11JAN2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	357
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20090110_052525_00000942075_00263_35888_3182.N1	10-JAN-2009 05:25:25	Dark	93.500	29	Bet Car	1.6720	10200.	187	35888	No
2	GOM_NL__2PRFIN20090110_052831_00000962075_00263_35888_3183.N1	10-JAN-2009 05:28:31	Dark	95.500	41	Eps Car	1.8600	4100.0	191	35888	No
3	GOM_NL__2PRFIN20090110_053145_00000972075_00263_35888_3184.N1	10-JAN-2009 05:31:45	Dark	97.000	34	Gam2Vel	1.7930	23000.	194	35888	No
4	GOM_NL__2PRFIN20090110_053544_000001002075_00263_35888_3185.N1	10-JAN-2009 05:35:44	Straylight	99.500	117	Pi Pup	2.7060	3800.0	199	35888	No
5	GOM_NL__2PRFIN20090110_053822_00000982075_00263_35888_3186.N1	10-JAN-2009 05:38:22	Straylight	98.000	23	21Eps CMa	1.5020	26000.	196	35888	No
6	GOM_NL__2PRFIN20090110_054206_000001022075_00263_35888_3187.N1	10-JAN-2009 05:42:06	Straylight	101.50	1	9Alp CMa	-1.4400	11000.	203	35888	No
7	GOM_NL__2PRFIN20090110_054438_00000912075_00263_35888_3188.N1	10-JAN-2009 05:44:38	Straylight	90.500	56	53Kap Ori	2.0650	30000.	181	35888	No
8	GOM_NL__2PRFIN20090110_054705_00000912075_00263_35888_3189.N1	10-JAN-2009 05:47:05	Twilight	91.000	30	46Eps Ori	1.6940	30000.	182	35888	No
9	GOM_NL__2PRFIN20090110_054923_00000982075_00263_35888_3190.N1	10-JAN-2009 05:49:23	Twilight	98.000	14	58Alp Ori	0.87000	3000.0	196	35888	No
10	GOM_NL__2PRFIN20090110_055203_00000982075_00263_35888_3191.N1	10-JAN-2009 05:52:03	Twilight	98.000	44	24Gam Gem	1.9280	11000.	196	35888	No
11	GOM_NL__2PRFIN20090110_060022_00000902075_00263_35888_3192.N1	10-JAN-2009 06:00:22	Bright	90.000	6	13Alp Aur	0.080000	3400.0	180	35888	No
12	GOM_NL__2PRFIN20090110_061234_00000882075_00263_35888_3193.N1	10-JAN-2009 06:12:34	Bright	88.000	49	1Alp UMi	1.9900	6300.0	176	35888	No
13	GOM_NL__2PRFIN20090110_061641_00000892075_00263_35888_3194.N1	10-JAN-2009 06:16:41	Bright	88.500	60	7Bet UMi	2.0810	3950.0	177	35888	No
14	GOM_NL__2PRFIN20090110_062052_00000892075_00263_35888_3195.N1	10-JAN-2009 06:20:52	Bright	89.000	119	14Eta Dra	2.7270	4700.0	178	35888	No
15	GOM_NL__2PRFIN20090110_062319_00000832075_00263_35888_3196.N1	10-JAN-2009 06:23:19	Bright	83.000	130	23Bet Dra	2.7990	5800.0	166	35888	No
16	GOM_NL__2PRFIN20090110_062932_000001052075_00263_35888_3197.N1	10-JAN-2009 06:29:32	Bright	105.00	133	40Zet Her	2.8070	6000.0	210	35888	No
17	GOM_NL__2PRFIN20090110_063233_00000882075_00263_35888_3198.N1	10-JAN-2009 06:32:33	Bright	88.000	127	27Bet Her	2.7810	4700.0	176	35888	No
18	GOM_NL__2PRFIN20090110_063743_000001142075_00263_35888_3199.N1	10-JAN-2009 06:37:43	Bright	114.00	102	24Alp Ser	2.6000	4250.0	228	35888	No
19	GOM_NL__2PRFIN20090110_064311_000001072075_00263_35888_3200.N1	10-JAN-2009 06:43:11	Twilight	106.50	104	27Bet Lib	2.6140	13100.	213	35888	No
20	GOM_NL__2PRFIN20090110_064554_000001002075_00263_35888_3201.N1	10-JAN-2009 06:45:54	Twilight	100.00	16	21Alp Sco	1.0200	3000.0	200	35888	No
21	GOM_NL__2PRFIN20090110_065058_00000902075_00263_35888_3202.N1	10-JAN-2009 06:50:58	Dark	90.000	131	Gam Lup	2.8000	26000.	180	35888	No
22	GOM_NL__2PRFIN20090110_065319_000001052075_00263_35888_3203.N1	10-JAN-2009 06:53:19	Dark	104.50	54	5The Cen	2.0550	4500.0	209	35888	No
23	GOM_NL__2PRFIN20090110_065655_00000932075_00263_35888_3204.N1	10-JAN-2009 06:56:55	Dark	93.000	4	Alp1Cen	-0.010000	5800.0	186	35888	No
24	GOM_NL__2PRFIN20090110_070602_00000912075_00264_35889_3190.N1	10-JAN-2009 07:06:02	Dark	91.000	29	Bet Car	1.6720	10200.	182	35889	No
25	GOM_NL__2PRFIN20090110_070908_000001062075_00264_35889_3191.N1	10-JAN-2009 07:09:08	Dark	106.00	41	Eps Car	1.8600	4100.0	212	35889	No
26	GOM_NL__2PRFIN20090110_071222_00000992075_00264_35889_3192.N1	10-JAN-2009 07:12:22	Dark	98.500	34	Gam2Vel	1.7930	23000.	197	35889	No
27	GOM_NL__2PRFIN20090110_071621_00000972075_00264_35889_3193.N1	10-JAN-2009 07:16:21	Straylight	96.500	117	Pi Pup	2.7060	3800.0	193	35889	No
28	GOM_NL__2PRFIN20090110_071858_00000952075_00264_35889_3194.N1	10-JAN-2009 07:18:58	Straylight	94.500	23	21Eps CMa	1.5020	26000.	189	35889	No
29	GOM_NL__2PRFIN20090110_072243_00000992075_00264_35889_3195.N1	10-JAN-2009 07:22:43	Straylight	99.000	1	9Alp CMa	-1.4400	11000.	198	35889	No
30	GOM_NL__2PRFIN20090110_072514_00000912075_00264_35889_3196.N1	10-JAN-2009 07:25:14	Straylight	91.000	56	53Kap Ori	2.0650	30000.	182	35889	No
31	GOM_NL__2PRFIN20090110_072741_00000922075_00264_35889_3197.N1	10-JAN-2009 07:27:41	Twilight	91.500	30	46Eps Ori	1.6940	30000.	183	35889	No
32	GOM_NL__2PRFIN20090110_073000_000001012075_00264_35889_3198.N1	10-JAN-2009 07:30:00	Twilight	101.00	14	58Alp Ori	0.87000	3000.0	202	35889	No
33	GOM_NL__2PRFIN20090110_073239_000001002075_00264_35889_3199.N1	10-JAN-2009 07:32:39	Twilight	99.500	44	24Gam Gem	1.9280	11000.	199	35889	No
34	GOM_NL__2PRFIN20090110_074058_00000902075_00264_35889_3200.N1	10-JAN-2009 07:40:58	Bright	89.500	6	13Alp Aur	0.080000	3400.0	179	35889	No
35	GOM_NL__2PRFIN20090110_075310_00000862075_00264_35889_3201.N1	10-JAN-2009 07:53:10	Bright	85.500	49	1Alp UMi	1.9900	6300.0	171	35889	No
36	GOM_NL__2PRFIN20090110_075717_00000922075_00264_35889_3202.N1	10-JAN-2009 07:57:17	Bright	91.500	60	7Bet UMi	2.0810	3950.0	183	35889	No
37	GOM_NL__2PRFIN20090110_080128_00000902075_00264_35889_3203.N1	10-JAN-2009 08:01:28	Bright	89.500	119	14Eta Dra	2.7270	4700.0	179	35889	No
38	GOM_NL__2PRFIN20090110_080355_00000862075_00264_35889_3204.N1	10-JAN-2009 08:03:55	Bright	86.000	130	23Bet Dra	2.7990	5800.0	172	35889	No
39	GOM_NL__2PRFIN20090110_081008_000001052075_00264_35889_3205.N1	10-JAN-2009 08:10:08	Bright	105.00	133	40Zet Her	2.8070	6000.0	210	35889	No
40	GOM_NL__2PRFIN20090110_081310_00000872075_00264_35889_3206.N1	10-JAN-2009 08:13:10	Bright	86.500	127	27Bet Her	2.7810	4700.0	173	35889	No
41	GOM_NL__2PRFIN20090110_081819_00000982075_00264_35889_3207.N1	10-JAN-2009 08:18:19	Bright	98.000	102	24Alp Ser	2.6000	4250.0	196	35889	No
42	GOM_NL__2PRFIN20090110_082347_000001072075_00264_35889_3208.N1	10-JAN-2009 08:23:47	Twilight	107.00	104	27Bet Lib	2.6140	13100.	214	35889	No

43	GOM_NL__2PRFIN20090110_082630_000001012075_00264_35889_3209.N1	10-JAN-2009 08:26:30	Twilight	101.00	16	21Alp Sco	1.0200	3000.0	202	35889	No
44	GOM_NL__2PRFIN20090110_083134_000000912075_00264_35889_3210.N1	10-JAN-2009 08:31:34	Dark	91.000	131	Gam Lup	2.8000	26000.	182	35889	No
45	GOM_NL__2PRFIN20090110_083357_000001072075_00264_35889_3211.N1	10-JAN-2009 08:33:57	Dark	106.50	54	5The Cen	2.0550	4500.0	213	35889	No
46	GOM_NL__2PRFIN20090110_083732_000000892075_00264_35889_2639.N1	10-JAN-2009 08:37:32	Dark	89.000	4	Alp1Cen	-0.010000	5800.0	178	35889	No
47	GOM_NL__2PRFIN20090110_084138_000000412075_00265_35890_2640.N1	10-JAN-2009 08:41:38	Dark	40.500	20	Bet Cru	1.2530	30000.	81	35890	No
48	GOM_NL__2PRFIN20090110_084553_000000402075_00265_35890_2641.N1	10-JAN-2009 08:45:53	Dark	39.500	124	The Car	2.7640	30000.	79	35890	No
49	GOM_NL__2PRFIN20090110_084728_000000382075_00265_35890_2642.N1	10-JAN-2009 08:47:28	Dark	38.000	29	Bet Car	1.6720	10200.	76	35890	No
50	GOM_NL__2PRFIN20090110_084913_000000452075_00265_35890_2643.N1	10-JAN-2009 08:49:13	Dark	45.000	71	lot Car	2.2460	7700.0	90	35890	No
51	GOM_NL__2PRFIN20090110_085034_000000492075_00265_35890_2644.N1	10-JAN-2009 08:50:34	Dark	48.500	41	Eps Car	1.8600	4100.0	97	35890	No
52	GOM_NL__2PRFIN20090110_085352_000000412075_00265_35890_2645.N1	10-JAN-2009 08:53:52	Dark	40.500	34	Gam2Vel	1.7930	23000.	81	35890	No
53	GOM_NL__2PRFIN20090110_085602_000000432075_00265_35890_2646.N1	10-JAN-2009 08:56:02	Dark	43.000	70	Zet Pup	2.2460	39000.	86	35890	No
54	GOM_NL__2PRFIN20090110_085750_000000472075_00265_35890_2647.N1	10-JAN-2009 08:57:50	Straylight	46.500	117	Pi Pup	2.7060	3800.0	93	35890	No
55	GOM_NL__2PRFIN20090110_090027_000000442075_00265_35890_2648.N1	10-JAN-2009 09:00:27	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	35890	No
56	GOM_NL__2PRFIN20090110_090154_000000422075_00265_35890_2649.N1	10-JAN-2009 09:01:54	Straylight	41.500	179	24Omi2CMa	3.0320	24000.	83	35890	No
57	GOM_NL__2PRFIN20090110_090411_000000522075_00265_35890_2650.N1	10-JAN-2009 09:04:11	Straylight	52.000	1	9Alp CMa	-1.4400	11000.	104	35890	No
58	GOM_NL__2PRFIN20090110_090639_000000422075_00265_35890_2651.N1	10-JAN-2009 09:06:39	Straylight	41.500	56	53Kap Ori	2.0650	30000.	83	35890	No
59	GOM_NL__2PRFIN20090110_090907_000000412075_00265_35890_2652.N1	10-JAN-2009 09:09:07	Twilight	40.500	30	46Eps Ori	1.6940	30000.	81	35890	No
60	GOM_NL__2PRFIN20090110_091125_000000502075_00265_35890_2653.N1	10-JAN-2009 09:11:25	Twilight	49.500	14	58Alp Ori	0.87000	3000.0	99	35890	No
61	GOM_NL__2PRFIN20090110_091409_000000462075_00265_35890_2654.N1	10-JAN-2009 09:14:09	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	35890	No
62	GOM_NL__2PRFIN20090110_091550_000000432075_00265_35890_2655.N1	10-JAN-2009 09:15:50	Bright	43.000	151	13Mu Gem	2.8900	3000.0	86	35890	No
63	GOM_NL__2PRFIN20090110_091730_000000382075_00265_35890_2656.N1	10-JAN-2009 09:17:30	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	35890	No
64	GOM_NL__2PRFIN20090110_091956_000000362075_00265_35890_2657.N1	10-JAN-2009 09:19:56	Bright	36.000	107	37The Aur	2.6490	11000.	72	35890	No
65	GOM_NL__2PRFIN20090110_092209_000000382075_00265_35890_2658.N1	10-JAN-2009 09:22:09	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	35890	No
66	GOM_NL__2PRFIN20090110_093437_000000342075_00265_35890_2659.N1	10-JAN-2009 09:34:37	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	35890	No
67	GOM_NL__2PRFIN20090110_093847_000000402075_00265_35890_2660.N1	10-JAN-2009 09:38:47	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	35890	No
68	GOM_NL__2PRFIN20090110_094256_000000402075_00265_35890_2661.N1	10-JAN-2009 09:42:56	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	35890	No
69	GOM_NL__2PRFIN20090110_094521_000000522075_00265_35890_2662.N1	10-JAN-2009 09:45:21	Bright	52.000	130	23Bet Dra	2.7990	5800.0	104	35890	No
70	GOM_NL__2PRFIN20090110_095135_000000532075_00265_35890_2663.N1	10-JAN-2009 09:51:35	Bright	53.000	133	40Zet Her	2.8070	6000.0	106	35890	No
71	GOM_NL__2PRFIN20090110_095345_000000402075_00265_35890_2664.N1	10-JAN-2009 09:53:45	Bright	39.500	67	5Alp CrB	2.2210	11000.	79	35890	No
72	GOM_NL__2PRFIN20090110_095951_000000432075_00265_35890_2665.N1	10-JAN-2009 09:59:51	Bright	43.000	102	24Alp Ser	2.6000	4250.0	86	35890	No
73	GOM_NL__2PRFIN20090110_100203_000000382075_00265_35890_2666.N1	10-JAN-2009 10:02:03	Bright	38.000	120	1Del Oph	2.7340	3200.0	76	35890	No
74	GOM_NL__2PRFIN20090110_100330_000000522075_00265_35890_2667.N1	10-JAN-2009 10:03:30	Bright	52.000	98	13Zet Oph	2.5710	30000.	104	35890	No
75	GOM_NL__2PRFIN20090110_100641_000000432075_00265_35890_2668.N1	10-JAN-2009 10:06:41	Twilight	43.000	97	8Bet1Sco	2.5610	30000.	86	35890	No
76	GOM_NL__2PRFIN20090110_100757_000000462075_00265_35890_2669.N1	10-JAN-2009 10:07:57	Twilight	46.000	16	21Alp Sco	1.0200	3000.0	92	35890	No
77	GOM_NL__2PRFIN20090110_101301_000000412075_00265_35890_2670.N1	10-JAN-2009 10:13:01	Dark	40.500	131	Gam Lup	2.8000	26000.	81	35890	No
78	GOM_NL__2PRFIN20090110_101437_000000412075_00265_35890_2671.N1	10-JAN-2009 10:14:37	Dark	41.000	109	Bet Lup	2.6770	26000.	82	35890	No
79	GOM_NL__2PRFIN20090110_101608_000000412075_00265_35890_2672.N1	10-JAN-2009 10:16:08	Dark	41.000	78	Alp Lup	2.3040	28000.	82	35890	No
80	GOM_NL__2PRFIN20090110_101857_000000402075_00266_35891_2647.N1	10-JAN-2009 10:18:57	Dark	40.000	4	Alp1Cen	-0.010000	5800.0	80	35891	No
81	GOM_NL__2PRFIN20090110_102215_000000392075_00266_35891_2648.N1	10-JAN-2009 10:22:15	Dark	38.500	20	Bet Cru	1.2530	30000.	77	35891	No
82	GOM_NL__2PRFIN20090110_102630_000000382075_00266_35891_2649.N1	10-JAN-2009 10:26:30	Dark	38.000	124	The Car	2.7640	30000.	76	35891	No
83	GOM_NL__2PRFIN20090110_102803_000000392075_00266_35891_2650.N1	10-JAN-2009 10:28:03	Dark	38.500	29	Bet Car	1.6720	10200.	77	35891	No
84	GOM_NL__2PRFIN20090110_102949_000000412075_00266_35891_2651.N1	10-JAN-2009 10:29:49	Dark	40.500	71	lot Car	2.2460	7700.0	81	35891	No
85	GOM_NL__2PRFIN20090110_103111_000000492075_00266_35891_2652.N1	10-JAN-2009 10:31:11	Dark	48.500	41	Eps Car	1.8600	4100.0	97	35891	No
86	GOM_NL__2PRFIN20090110_103429_000000452075_00266_35891_2653.N1	10-JAN-2009 10:34:29	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	35891	No
87	GOM_NL__2PRFIN20090110_103639_000000452075_00266_35891_2654.N1	10-JAN-2009 10:36:39	Dark	45.000	70	Zet Pup	2.2460	39000.	90	35891	No
88	GOM_NL__2PRFIN20090110_103827_000000442075_00266_35891_2655.N1	10-JAN-2009 10:38:27	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	35891	No
89	GOM_NL__2PRFIN20090110_104104_000000452075_00266_35891_2656.N1	10-JAN-2009 10:41:04	Straylight	44.500	23	21Eps CMa	1.5020	26000.	89	35891	No
90	GOM_NL__2PRFIN20090110_104231_000000432075_00266_35891_2657.N1	10-JAN-2009 10:42:31	Straylight	43.000	179	24Omi2CMa	3.0320	24000.	86	35891	No
91	GOM_NL__2PRFIN20090110_104448_000000452075_00266_35891_2658.N1	10-JAN-2009 10:44:48	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	35891	No
92	GOM_NL__2PRFIN20090110_104716_000000402075_00266_35891_2659.N1	10-JAN-2009 10:47:16	Straylight	40.000	56	53Kap Ori	2.0650	30000.	80	35891	No
93	GOM_NL__2PRFIN20090110_104944_000000412075_00266_35891_2660.N1	10-JAN-2009 10:49:44	Twilight	40.500	30	46Eps Ori	1.6940	30000.	81	35891	No
94	GOM_NL__2PRFIN20090110_105202_000000522075_00266_35891_2661.N1	10-JAN-2009 10:52:02	Twilight	51.500	14	58Alp Ori	0.87000	3000.0	103	35891	No
95	GOM_NL__2PRFIN20090110_105445_000000462075_00266_35891_2662.N1	10-JAN-2009 10:54:45	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	35891	No
96	GOM_NL__2PRFIN20090110_105626_000000442075_00266_35891_2663.N1	10-JAN-2009 10:56:26	Bright	44.000	151	13Mu Gem	2.8900	3000.0	88	35891	No
97	GOM_NL__2PRFIN20090110_105805_000000382075_00266_35891_2664.N1	10-JAN-2009 10:58:05	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	35891	No
98	GOM_NL__2PRFIN20090110_110032_000000362075_00266_35891_2665.N1	10-JAN-2009 11:00:32	Bright	36.000	107	37The Aur	2.6490	11000.	72	35891	No
99	GOM_NL__2PRFIN20090110_110244_000000372075_00266_35891_2666.N1	10-JAN-2009 11:02:44	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	35891	No
100	GOM_NL__2PRFIN20090110_111513_000000372075_00266_35891_2667.N1	10-JAN-2009 11:15:13	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	35891	No
101	GOM_NL__2PRFIN20090110_111922_000000412075_00266_35891_2668.N1	10-JAN-2009 11:19:22	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	35891	No

102	GOM_NL__2PRFIN20090110_112332_000000382075_00266_35891_2669.N1	10-JAN-2009 11:23:32	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	35891	No
103	GOM_NL__2PRFIN20090110_112557_000000522075_00266_35891_2670.N1	10-JAN-2009 11:25:57	Bright	52.000	130	23Bet Dra	2.7990	5800.0	104	35891	No
104	GOM_NL__2PRFIN20090110_113211_000000342075_00266_35891_2671.N1	10-JAN-2009 11:32:11	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	35891	No
105	GOM_NL__2PRFIN20090110_113421_000000422075_00266_35891_2672.N1	10-JAN-2009 11:34:21	Bright	42.000	67	5Alp CrB	2.2210	11000.	84	35891	No
106	GOM_NL__2PRFIN20090110_114027_000000582075_00266_35891_2673.N1	10-JAN-2009 11:40:27	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	35891	No
107	GOM_NL__2PRFIN20090110_114239_000000392075_00266_35891_2674.N1	10-JAN-2009 11:42:39	Bright	38.500	120	1Del Oph	2.7340	3200.0	77	35891	No
108	GOM_NL__2PRFIN20090110_114406_000000372075_00266_35891_2675.N1	10-JAN-2009 11:44:06	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	35891	No
109	GOM_NL__2PRFIN20090110_114717_000000452075_00266_35891_2676.N1	10-JAN-2009 11:47:17	Twi_and_stray	44.500	97	8Bet1Sco	2.5610	30000.	89	35891	No
110	GOM_NL__2PRFIN20090110_114833_000000492075_00266_35891_2677.N1	10-JAN-2009 11:48:33	Twi_and_stray	49.000	16	21Alp Sco	1.0200	3000.0	98	35891	No
111	GOM_NL__2PRFIN20090110_115338_000000392075_00266_35891_2678.N1	10-JAN-2009 11:53:38	Dark	38.500	131	Gam Lup	2.8000	26000.	77	35891	No
112	GOM_NL__2PRFIN20090110_115514_000000402075_00266_35891_2679.N1	10-JAN-2009 11:55:14	Dark	39.500	109	Bet Lup	2.6770	26000.	79	35891	No
113	GOM_NL__2PRFIN20090110_115645_000000392075_00266_35891_2680.N1	10-JAN-2009 11:56:45	Dark	39.000	78	Alp Lup	2.3040	28000.	78	35891	No
114	GOM_NL__2PRFIN20090110_115933_000000402075_00267_35892_2655.N1	10-JAN-2009 11:59:33	Dark	40.000	4	Alp1Cen	-0.010000	5800.0	80	35892	No
115	GOM_NL__2PRFIN20090110_120251_000000422075_00267_35892_2656.N1	10-JAN-2009 12:02:51	Dark	41.500	20	Bet Cru	1.2530	30000.	83	35892	No
116	GOM_NL__2PRFIN20090110_120706_000000382075_00267_35892_2657.N1	10-JAN-2009 12:07:06	Dark	38.000	124	The Car	2.7640	30000.	76	35892	No
117	GOM_NL__2PRFIN20090110_120839_000000392075_00267_35892_2658.N1	10-JAN-2009 12:08:39	Dark	39.000	29	Bet Car	1.6720	10200.	78	35892	No
118	GOM_NL__2PRFIN20090110_121026_000000412075_00267_35892_2659.N1	10-JAN-2009 12:10:26	Dark	41.000	71	lot Car	2.2460	7700.0	82	35892	No
119	GOM_NL__2PRFIN20090110_121147_000000452075_00267_35892_2660.N1	10-JAN-2009 12:11:47	Dark	45.000	41	Eps Car	1.8600	4100.0	90	35892	No
120	GOM_NL__2PRFIN20090110_121505_000000422075_00267_35892_2661.N1	10-JAN-2009 12:15:05	Dark	42.000	34	Gam2Vel	1.7930	23000.	84	35892	No
121	GOM_NL__2PRFIN20090110_121715_000000452075_00267_35892_2662.N1	10-JAN-2009 12:17:15	Dark	45.000	70	Zet Pup	2.2460	39000.	90	35892	No
122	GOM_NL__2PRFIN20090110_121902_000000442075_00267_35892_2663.N1	10-JAN-2009 12:19:02	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	35892	No
123	GOM_NL__2PRFIN20090110_122140_000000432075_00267_35892_2664.N1	10-JAN-2009 12:21:40	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	35892	No
124	GOM_NL__2PRFIN20090110_122306_000000412075_00267_35892_2665.N1	10-JAN-2009 12:23:06	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	35892	No
125	GOM_NL__2PRFIN20090110_122524_000000452075_00267_35892_2666.N1	10-JAN-2009 12:25:24	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	35892	No
126	GOM_NL__2PRFIN20090110_122752_000000412075_00267_35892_2667.N1	10-JAN-2009 12:27:52	Straylight	41.000	56	53Kap Ori	2.0650	30000.	82	35892	No
127	GOM_NL__2PRFIN20090110_123019_000000412075_00267_35892_2668.N1	10-JAN-2009 12:30:19	Twi_and_stray	40.500	30	46Eps Ori	1.6940	30000.	81	35892	No
128	GOM_NL__2PRFIN20090110_123237_000000522075_00267_35892_2669.N1	10-JAN-2009 12:32:37	Twi_and_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	35892	No
129	GOM_NL__2PRFIN20090110_123521_000000432075_00267_35892_2670.N1	10-JAN-2009 12:35:21	Twi_and_stray	42.500	44	24Gam Gem	1.9280	11000.	85	35892	No
130	GOM_NL__2PRFIN20090110_123702_000000462075_00267_35892_2671.N1	10-JAN-2009 12:37:02	Bright	46.000	151	13Mu Gem	2.8900	3000.0	92	35892	No
131	GOM_NL__2PRFIN20090110_123841_000000372075_00267_35892_2672.N1	10-JAN-2009 12:38:41	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	35892	No
132	GOM_NL__2PRFIN20090110_124108_000000372075_00267_35892_2673.N1	10-JAN-2009 12:41:08	Bright	37.000	107	37The Aur	2.6490	11000.	74	35892	No
133	GOM_NL__2PRFIN20090110_124320_000000382075_00267_35892_2674.N1	10-JAN-2009 12:43:20	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	35892	No
134	GOM_NL__2PRFIN20090110_125549_000000352075_00267_35892_2675.N1	10-JAN-2009 12:55:49	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	35892	No
135	GOM_NL__2PRFIN20090110_125958_000000482075_00267_35892_2676.N1	10-JAN-2009 12:59:58	Bright	47.500	60	7Bet UMi	2.0810	3950.0	95	35892	No
136	GOM_NL__2PRFIN20090110_130408_000000532075_00267_35892_2677.N1	10-JAN-2009 13:04:08	Bright	53.000	119	14Eta Dra	2.7270	4700.0	106	35892	No
137	GOM_NL__2PRFIN20090110_130633_000000372075_00267_35892_2678.N1	10-JAN-2009 13:06:33	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	35892	No
138	GOM_NL__2PRFIN20090110_131247_000000362075_00267_35892_2679.N1	10-JAN-2009 13:12:47	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	35892	No
139	GOM_NL__2PRFIN20090110_131457_000000602075_00267_35892_2680.N1	10-JAN-2009 13:14:57	Bright	60.000	67	5Alp CrB	2.2210	11000.	120	35892	No
140	GOM_NL__2PRFIN20090110_132104_000000422075_00267_35892_2681.N1	10-JAN-2009 13:21:04	Bright	41.500	102	24Alp Ser	2.6000	4250.0	83	35892	No
141	GOM_NL__2PRFIN20090110_132315_000000542075_00267_35892_2682.N1	10-JAN-2009 13:23:15	Bright	54.000	120	1Del Oph	2.7340	3200.0	108	35892	No
142	GOM_NL__2PRFIN20090110_132442_000000522075_00267_35892_2683.N1	10-JAN-2009 13:24:42	Bright	52.000	98	13Zet Oph	2.5710	30000.	104	35892	No
143	GOM_NL__2PRFIN20090110_132753_000000442075_00267_35892_2684.N1	10-JAN-2009 13:27:53	Twi_and_stray	44.000	97	8Bet1Sco	2.5610	30000.	88	35892	No
144	GOM_NL__2PRFIN20090110_132909_000000522075_00267_35892_2685.N1	10-JAN-2009 13:29:09	Twi_and_stray	52.000	16	21Alp Sco	1.0200	3000.0	104	35892	No
145	GOM_NL__2PRFIN20090110_133414_000000392075_00267_35892_2686.N1	10-JAN-2009 13:34:14	Dark	39.000	131	Gam Lup	2.8000	26000.	78	35892	No
146	GOM_NL__2PRFIN20090110_133551_000000392075_00267_35892_2687.N1	10-JAN-2009 13:35:51	Dark	38.500	109	Bet Lup	2.6770	26000.	77	35892	No
147	GOM_NL__2PRFIN20090110_133721_000000402075_00267_35892_2688.N1	10-JAN-2009 13:37:21	Dark	39.500	78	Alp Lup	2.3040	28000.	79	35892	No
148	GOM_NL__2PRFIN20090110_134009_000000432075_00268_35893_3923.N1	10-JAN-2009 13:40:09	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	35893	No
149	GOM_NL__2PRFIN20090110_134328_000000412075_00268_35893_3924.N1	10-JAN-2009 13:43:28	Dark	41.000	20	Bet Cru	1.2530	30000.	82	35893	No
150	GOM_NL__2PRFIN20090110_134743_000000382075_00268_35893_3925.N1	10-JAN-2009 13:47:43	Dark	37.500	124	The Car	2.7640	30000.	75	35893	No
151	GOM_NL__2PRFIN20090110_134916_000000382075_00268_35893_3926.N1	10-JAN-2009 13:49:16	Dark	38.000	29	Bet Car	1.6720	10200.	76	35893	No
152	GOM_NL__2PRFIN20090110_135102_000000492075_00268_35893_3927.N1	10-JAN-2009 13:51:02	Dark	48.500	71	lot Car	2.2460	7700.0	97	35893	No
153	GOM_NL__2PRFIN20090110_135223_000000492075_00268_35893_3928.N1	10-JAN-2009 13:52:23	Dark	48.500	41	Eps Car	1.8600	4100.0	97	35893	No
154	GOM_NL__2PRFIN20090110_135542_000000452075_00268_35893_3929.N1	10-JAN-2009 13:55:42	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	35893	No
155	GOM_NL__2PRFIN20090110_135752_000000442075_00268_35893_3930.N1	10-JAN-2009 13:57:52	Dark	43.500	70	Zet Pup	2.2460	39000.	87	35893	No
156	GOM_NL__2PRFIN20090110_135939_000000442075_00268_35893_3931.N1	10-JAN-2009 13:59:39	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	35893	No
157	GOM_NL__2PRFIN20090110_140216_000000442075_00268_35893_3932.N1	10-JAN-2009 14:02:16	Straylight	44.000	23	21Eps CMa	1.5020	26000.	88	35893	No
158	GOM_NL__2PRFIN20090110_140343_000000402075_00268_35893_3933.N1	10-JAN-2009 14:03:43	Straylight	39.500	179	24Omi2CMa	3.0320	24000.	79	35893	No
159	GOM_NL__2PRFIN20090110_140600_000000482075_00268_35893_3934.N1	10-JAN-2009 14:06:00	Straylight	48.000	1	9Alp CMa	-1.4400	11000.	96	35893	No
160	GOM_NL__2PRFIN20090110_140828_000000392075_00268_35893_3935.N1	10-JAN-2009 14:08:28	Straylight	38.500	56	53Kap Ori	2.0650	30000.	77	35893	No

161	GOM_NL__2PRFIN20090110_141056_000000392075_00268_35893_3936.N1	10-JAN-2009 14:10:56	TwI_and_stray	39.000	30	46Eps Ori	1.6940	30000.	78	35893	No
162	GOM_NL__2PRFIN20090110_141314_000000522075_00268_35893_3937.N1	10-JAN-2009 14:13:14	TwI_and_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	35893	No
163	GOM_NL__2PRFIN20090110_141557_000000452075_00268_35893_3938.N1	10-JAN-2009 14:15:57	TwI_and_stray	44.500	44	24Gam Gem	1.9280	11000.	89	35893	No
164	GOM_NL__2PRFIN20090110_141738_000000422075_00268_35893_3939.N1	10-JAN-2009 14:17:38	Bright	42.000	151	13Mu Gem	2.8900	3000.0	84	35893	No
165	GOM_NL__2PRFIN20090110_141918_000000372075_00268_35893_3940.N1	10-JAN-2009 14:19:18	Bright	37.000	28	12Bet Tau	1.6500	15200.	74	35893	No
166	GOM_NL__2PRFIN20090110_142144_000000372075_00268_35893_3941.N1	10-JAN-2009 14:21:44	Bright	36.500	107	37The Aur	2.6490	11000.	73	35893	No
167	GOM_NL__2PRFIN20090110_142357_000000372075_00268_35893_3942.N1	10-JAN-2009 14:23:57	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	35893	No
168	GOM_NL__2PRFIN20090110_143625_000000362075_00268_35893_3943.N1	10-JAN-2009 14:36:25	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	35893	No
169	GOM_NL__2PRFIN20090110_144034_000000542075_00268_35893_3944.N1	10-JAN-2009 14:40:34	Bright	54.000	60	7Bet UMi	2.0810	3950.0	108	35893	No
170	GOM_NL__2PRFIN20090110_144444_000000372075_00268_35893_3945.N1	10-JAN-2009 14:44:44	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	35893	No
171	GOM_NL__2PRFIN20090110_144710_000000382075_00268_35893_3946.N1	10-JAN-2009 14:47:10	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	35893	No
172	GOM_NL__2PRFIN20090110_145323_000000362075_00268_35893_3947.N1	10-JAN-2009 14:53:23	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	35893	No
173	GOM_NL__2PRFIN20090110_145533_000000602075_00268_35893_3948.N1	10-JAN-2009 14:55:33	Bright	60.000	67	5Alp CrB	2.2210	11000.	120	35893	No
174	GOM_NL__2PRFIN20090110_150140_000000582075_00268_35893_3949.N1	10-JAN-2009 15:01:40	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	35893	No
175	GOM_NL__2PRFIN20090110_150352_000000542075_00268_35893_3950.N1	10-JAN-2009 15:03:52	Bright	54.000	120	1Del Oph	2.7340	3200.0	108	35893	No
176	GOM_NL__2PRFIN20090110_150519_000000452075_00268_35893_3951.N1	10-JAN-2009 15:05:19	Bright	44.500	98	13Zet Oph	2.5710	30000.	89	35893	No
177	GOM_NL__2PRFIN20090110_150830_000000432075_00268_35893_3952.N1	10-JAN-2009 15:08:30	TwI_and_stray	43.000	97	8Bet1Sco	2.5610	30000.	86	35893	No
178	GOM_NL__2PRFIN20090110_150946_000000502075_00268_35893_3953.N1	10-JAN-2009 15:09:46	TwI_and_stray	50.000	16	21Alp Sco	1.0200	3000.0	100	35893	No
179	GOM_NL__2PRFIN20090110_151451_000000382075_00268_35893_3954.N1	10-JAN-2009 15:14:51	Dark	38.000	131	Gam Lup	2.8000	26000.	76	35893	No
180	GOM_NL__2PRFIN20090110_151627_000000402075_00268_35893_3955.N1	10-JAN-2009 15:16:27	Dark	39.500	109	Bet Lup	2.6770	26000.	79	35893	No
181	GOM_NL__2PRFIN20090110_151757_000000392075_00268_35893_3956.N1	10-JAN-2009 15:17:57	Dark	39.000	78	Alp Lup	2.3040	28000.	78	35893	No
182	GOM_NL__2PRFIN20090110_152046_000000512075_00269_35894_3931.N1	10-JAN-2009 15:20:46	Dark	50.500	4	Alp1Cen	-0.010000	5800.0	101	35894	No
183	GOM_NL__2PRFIN20090110_152405_000000442075_00269_35894_3932.N1	10-JAN-2009 15:24:05	Dark	43.500	20	Bet Cru	1.2530	30000.	87	35894	No
184	GOM_NL__2PRFIN20090110_152819_000000392075_00269_35894_3933.N1	10-JAN-2009 15:28:19	Dark	38.500	124	The Car	2.7640	30000.	77	35894	No
185	GOM_NL__2PRFIN20090110_152952_000000402075_00269_35894_3934.N1	10-JAN-2009 15:29:52	Dark	39.500	29	Bet Car	1.6720	10200.	79	35894	No
186	GOM_NL__2PRFIN20090110_153138_000000402075_00269_35894_3935.N1	10-JAN-2009 15:31:38	Dark	39.500	71	lot Car	2.2460	7700.0	79	35894	No
187	GOM_NL__2PRFIN20090110_153300_000000492075_00269_35894_3936.N1	10-JAN-2009 15:33:00	Dark	48.500	41	Eps Car	1.8600	4100.0	97	35894	No
188	GOM_NL__2PRFIN20090110_153618_000000462075_00269_35894_3937.N1	10-JAN-2009 15:36:18	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	35894	No
189	GOM_NL__2PRFIN20090110_153827_000000472075_00269_35894_3938.N1	10-JAN-2009 15:38:27	Dark	46.500	70	Zet Pup	2.2460	39000.	93	35894	No
190	GOM_NL__2PRFIN20090110_154015_000000462075_00269_35894_3939.N1	10-JAN-2009 15:40:15	Straylight	46.000	117	Pi Pup	2.7060	3800.0	92	35894	No
191	GOM_NL__2PRFIN20090110_154252_000000442075_00269_35894_3940.N1	10-JAN-2009 15:42:52	Straylight	44.000	23	21Eps CMa	1.5020	26000.	88	35894	No
192	GOM_NL__2PRFIN20090110_154419_000000412075_00269_35894_3941.N1	10-JAN-2009 15:44:19	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	35894	No
193	GOM_NL__2PRFIN20090110_154636_000000472075_00269_35894_3942.N1	10-JAN-2009 15:46:36	Straylight	47.000	1	9Alp CMa	-1.4400	11000.	94	35894	No
194	GOM_NL__2PRFIN20090110_154904_000000422075_00269_35894_3943.N1	10-JAN-2009 15:49:04	Straylight	42.000	56	53Kap Ori	2.0650	30000.	84	35894	No
195	GOM_NL__2PRFIN20090110_155132_000000432075_00269_35894_3944.N1	10-JAN-2009 15:51:32	TwI_and_stray	42.500	30	46Eps Ori	1.6940	30000.	85	35894	No
196	GOM_NL__2PRFIN20090110_155349_000000522075_00269_35894_3945.N1	10-JAN-2009 15:53:49	TwI_and_stray	52.000	14	58Alp Ori	0.87000	3000.0	104	35894	No
197	GOM_NL__2PRFIN20090110_155632_000000452075_00269_35894_3946.N1	10-JAN-2009 15:56:32	TwI_and_stray	45.000	44	24Gam Gem	1.9280	11000.	90	35894	No
198	GOM_NL__2PRFIN20090110_155813_000000442075_00269_35894_3947.N1	10-JAN-2009 15:58:13	Bright	43.500	151	13Mu Gem	2.8900	3000.0	87	35894	No
199	GOM_NL__2PRFIN20090110_155953_000000382075_00269_35894_3948.N1	10-JAN-2009 15:59:53	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	35894	No
200	GOM_NL__2PRFIN20090110_160220_000000362075_00269_35894_3949.N1	10-JAN-2009 16:02:20	Bright	36.000	107	37The Aur	2.6490	11000.	72	35894	No
201	GOM_NL__2PRFIN20090110_160432_000000362075_00269_35894_3950.N1	10-JAN-2009 16:04:32	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	35894	No
202	GOM_NL__2PRFIN20090110_161700_000000372075_00269_35894_3951.N1	10-JAN-2009 16:17:00	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	35894	No
203	GOM_NL__2PRFIN20090110_162109_000000392075_00269_35894_3952.N1	10-JAN-2009 16:21:09	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	35894	No
204	GOM_NL__2PRFIN20090110_162520_000000402075_00269_35894_3953.N1	10-JAN-2009 16:25:20	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	35894	No
205	GOM_NL__2PRFIN20090110_162745_000000342075_00269_35894_3954.N1	10-JAN-2009 16:27:45	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	35894	No
206	GOM_NL__2PRFIN20090110_163400_000000362075_00269_35894_3955.N1	10-JAN-2009 16:34:00	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	35894	No
207	GOM_NL__2PRFIN20090110_163609_000000602075_00269_35894_3956.N1	10-JAN-2009 16:36:09	Bright	60.000	67	5Alp CrB	2.2210	11000.	120	35894	No
208	GOM_NL__2PRFIN20090110_164217_000000582075_00269_35894_3957.N1	10-JAN-2009 16:42:17	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	35894	No
209	GOM_NL__2PRFIN20090110_164428_000000542075_00269_35894_3958.N1	10-JAN-2009 16:44:28	Bright	54.000	120	1Del Oph	2.7340	3200.0	108	35894	No
210	GOM_NL__2PRFIN20090110_164555_000000352075_00269_35894_3959.N1	10-JAN-2009 16:45:55	Bright	35.000	98	13Zet Oph	2.5710	30000.	70	35894	No
211	GOM_NL__2PRFIN20090110_164906_000000452075_00269_35894_3960.N1	10-JAN-2009 16:49:06	TwI_and_stray	44.500	97	8Bet1Sco	2.5610	30000.	89	35894	No
212	GOM_NL__2PRFIN20090110_165021_000000472075_00269_35894_3961.N1	10-JAN-2009 16:50:21	TwI_and_stray	46.500	16	21Alp Sco	1.0200	3000.0	93	35894	No
213	GOM_NL__2PRFIN20090110_165526_000000392075_00269_35894_3962.N1	10-JAN-2009 16:55:26	Dark	39.000	131	Gam Lup	2.8000	26000.	78	35894	No
214	GOM_NL__2PRFIN20090110_165704_000000402075_00269_35894_3963.N1	10-JAN-2009 16:57:04	Dark	39.500	109	Bet Lup	2.6770	26000.	79	35894	No
215	GOM_NL__2PRFIN20090110_165834_000000432075_00269_35894_3964.N1	10-JAN-2009 16:58:34	Dark	42.500	78	Alp Lup	2.3040	28000.	85	35894	No
216	GOM_NL__2PRFIN20090110_170122_000000532075_00270_35895_2680.N1	10-JAN-2009 17:01:22	Dark	53.000	4	Alp1Cen	-0.010000	5800.0	106	35895	No
217	GOM_NL__2PRFIN20090110_170441_000000452075_00270_35895_2681.N1	10-JAN-2009 17:04:41	Dark	44.500	20	Bet Cru	1.2530	30000.	89	35895	No
218	GOM_NL__2PRFIN20090110_170855_000000392075_00270_35895_2682.N1	10-JAN-2009 17:08:55	Dark	38.500	124	The Car	2.7640	30000.	77	35895	No
219	GOM_NL__2PRFIN20090110_171029_000000372075_00270_35895_2683.N1	10-JAN-2009 17:10:29	Dark	37.000	29	Bet Car	1.6720	10200.	74	35895	No

220	GOM_NL__2PRFIN20090110_171215_000000402075_00270_35895_2684.N1	10-JAN-2009 17:12:15	Dark	39.500	71	lot Car	2.2460	7700.0	79	35895	No
221	GOM_NL__2PRFIN20090110_171336_000000432075_00270_35895_2685.N1	10-JAN-2009 17:13:36	Dark	43.000	41	Eps Car	1.8600	4100.0	86	35895	No
222	GOM_NL__2PRFIN20090110_171654_000000452075_00270_35895_2686.N1	10-JAN-2009 17:16:54	Dark	44.500	34	Gam2Vel	1.7930	23000.	89	35895	No
223	GOM_NL__2PRFIN20090110_171904_000000422075_00270_35895_2687.N1	10-JAN-2009 17:19:04	Dark	42.000	70	Zet Pup	2.2460	39000.	84	35895	No
224	GOM_NL__2PRFIN20090110_172051_000000452075_00270_35895_2688.N1	10-JAN-2009 17:20:51	Straylight	45.000	117	Pi Pup	2.7060	3800.0	90	35895	No
225	GOM_NL__2PRFIN20090110_172328_000000442075_00270_35895_2689.N1	10-JAN-2009 17:23:28	Straylight	44.000	23	21Eps CMa	1.5020	26000.	88	35895	No
226	GOM_NL__2PRFIN20090110_172455_000000412075_00270_35895_2690.N1	10-JAN-2009 17:24:55	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	35895	No
227	GOM_NL__2PRFIN20090110_172712_000000462075_00270_35895_2691.N1	10-JAN-2009 17:27:12	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	35895	No
228	GOM_NL__2PRFIN20090110_172940_000000412075_00270_35895_2692.N1	10-JAN-2009 17:29:40	Straylight	41.000	56	53Kap Ori	2.0650	30000.	82	35895	No
229	GOM_NL__2PRFIN20090110_173208_000000422075_00270_35895_2693.N1	10-JAN-2009 17:32:08	Tw_i_and_stray	41.500	30	46Eps Ori	1.6940	30000.	83	35895	No
230	GOM_NL__2PRFIN20090110_173425_000000522075_00270_35895_2694.N1	10-JAN-2009 17:34:25	Tw_i_and_stray	51.500	14	58Alp Ori	0.87000	3000.0	103	35895	No
231	GOM_NL__2PRFIN20090110_173708_000000472075_00270_35895_2695.N1	10-JAN-2009 17:37:08	Tw_i_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	35895	No
232	GOM_NL__2PRFIN20090110_173850_000000462075_00270_35895_2696.N1	10-JAN-2009 17:38:50	Bright	45.500	151	13Mu Gem	2.8900	3000.0	91	35895	No
233	GOM_NL__2PRFIN20090110_174030_000000382075_00270_35895_2697.N1	10-JAN-2009 17:40:30	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	35895	No
234	GOM_NL__2PRFIN20090110_174255_000000372075_00270_35895_2698.N1	10-JAN-2009 17:42:55	Bright	37.000	107	37The Aur	2.6490	11000.	74	35895	No
235	GOM_NL__2PRFIN20090110_174508_000000382075_00270_35895_2699.N1	10-JAN-2009 17:45:08	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	35895	No
236	GOM_NL__2PRFIN20090110_175737_000000382075_00270_35895_2700.N1	10-JAN-2009 17:57:37	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	35895	No
237	GOM_NL__2PRFIN20090110_180145_000000432075_00270_35895_2701.N1	10-JAN-2009 18:01:45	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	35895	No
238	GOM_NL__2PRFIN20090110_180556_000000352075_00270_35895_2702.N1	10-JAN-2009 18:05:56	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	35895	No
239	GOM_NL__2PRFIN20090110_180822_000000402075_00270_35895_2703.N1	10-JAN-2009 18:08:22	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	35895	No
240	GOM_NL__2PRFIN20090110_181436_000000362075_00270_35895_2704.N1	10-JAN-2009 18:14:36	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	35895	No
241	GOM_NL__2PRFIN20090110_181645_000000602075_00270_35895_2705.N1	10-JAN-2009 18:16:45	Bright	60.000	67	5Alp CrB	2.2210	11000.	120	35895	No
242	GOM_NL__2PRFIN20090110_182253_000000582075_00270_35895_2706.N1	10-JAN-2009 18:22:53	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	35895	No
243	GOM_NL__2PRFIN20090110_182504_000000542075_00270_35895_2707.N1	10-JAN-2009 18:25:04	Bright	54.000	120	1Del Oph	2.7340	3200.0	108	35895	No
244	GOM_NL__2PRFIN20090110_182631_000000392075_00270_35895_2708.N1	10-JAN-2009 18:26:31	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	35895	No
245	GOM_NL__2PRFIN20090110_182943_000000432075_00270_35895_2709.N1	10-JAN-2009 18:29:43	Tw_i_and_stray	43.000	97	8Bet1Sco	2.5610	30000.	86	35895	No
246	GOM_NL__2PRFIN20090110_183058_000000452075_00270_35895_2710.N1	10-JAN-2009 18:30:58	Tw_i_and_stray	45.000	16	21Alp Sco	1.0200	3000.0	90	35895	No
247	GOM_NL__2PRFIN20090110_183603_000000392075_00270_35895_2711.N1	10-JAN-2009 18:36:03	Dark	39.000	131	Gam Lup	2.8000	26000.	78	35895	No
248	GOM_NL__2PRFIN20090110_183740_000000392075_00270_35895_2712.N1	10-JAN-2009 18:37:40	Dark	39.000	109	Bet Lup	2.6770	26000.	78	35895	No
249	GOM_NL__2PRFIN20090110_183911_000000392075_00270_35895_2713.N1	10-JAN-2009 18:39:11	Dark	38.500	78	Alp Lup	2.3040	28000.	77	35895	No
250	GOM_NL__2PRFIN20090110_184159_000000462075_00271_35896_3911.N1	10-JAN-2009 18:41:59	Dark	46.000	4	Alp1Cen	-0.010000	5800.0	92	35896	No
251	GOM_NL__2PRFIN20090110_184518_000000412075_00271_35896_3912.N1	10-JAN-2009 18:45:18	Dark	41.000	20	Bet Cru	1.2530	30000.	82	35896	No
252	GOM_NL__2PRFIN20090110_184932_000000392075_00271_35896_3913.N1	10-JAN-2009 18:49:32	Dark	38.500	124	The Car	2.7640	30000.	77	35896	No
253	GOM_NL__2PRFIN20090110_185105_000000382075_00271_35896_3914.N1	10-JAN-2009 18:51:05	Dark	38.000	29	Bet Car	1.6720	10200.	76	35896	No
254	GOM_NL__2PRFIN20090110_185252_000000402075_00271_35896_3915.N1	10-JAN-2009 18:52:52	Dark	39.500	71	lot Car	2.2460	7700.0	79	35896	No
255	GOM_NL__2PRFIN20090110_185413_000000392075_00271_35896_3916.N1	10-JAN-2009 18:54:13	Dark	38.500	41	Eps Car	1.8600	4100.0	77	35896	No
256	GOM_NL__2PRFIN20090110_185731_000000382075_00271_35896_3917.N1	10-JAN-2009 18:57:31	Dark	37.500	34	Gam2Vel	1.7930	23000.	75	35896	No
257	GOM_NL__2PRFIN20090110_185941_000000422075_00271_35896_3918.N1	10-JAN-2009 18:59:41	Dark	42.000	70	Zet Pup	2.2460	39000.	84	35896	No
258	GOM_NL__2PRFIN20090110_190127_000000442075_00271_35896_3919.N1	10-JAN-2009 19:01:27	Straylight	44.000	117	Pi Pup	2.7060	3800.0	88	35896	No
259	GOM_NL__2PRFIN20090110_190404_000000442075_00271_35896_3920.N1	10-JAN-2009 19:04:04	Straylight	43.500	23	21Eps CMa	1.5020	26000.	87	35896	No
260	GOM_NL__2PRFIN20090110_190531_000000422075_00271_35896_3921.N1	10-JAN-2009 19:05:31	Straylight	42.000	179	24Omi2CMa	3.0320	24000.	84	35896	No
261	GOM_NL__2PRFIN20090110_190748_000000472075_00271_35896_3922.N1	10-JAN-2009 19:07:48	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	35896	No
262	GOM_NL__2PRFIN20090110_191016_000000412075_00271_35896_3923.N1	10-JAN-2009 19:10:16	Straylight	40.500	56	53Kap Ori	2.0650	30000.	81	35896	No
263	GOM_NL__2PRFIN20090110_191244_000000422075_00271_35896_3924.N1	10-JAN-2009 19:12:44	Tw_i_and_stray	41.500	30	46Eps Ori	1.6940	30000.	83	35896	No
264	GOM_NL__2PRFIN20090110_191501_000000502075_00271_35896_3925.N1	10-JAN-2009 19:15:01	Tw_i_and_stray	50.000	14	58Alp Ori	0.87000	3000.0	100	35896	No
265	GOM_NL__2PRFIN20090110_191744_000000462075_00271_35896_3926.N1	10-JAN-2009 19:17:44	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	35896	No
266	GOM_NL__2PRFIN20090110_191925_000000462075_00271_35896_3927.N1	10-JAN-2009 19:19:25	Bright	46.000	151	13Mu Gem	2.8900	3000.0	92	35896	No
267	GOM_NL__2PRFIN20090110_192105_000000432075_00271_35896_3928.N1	10-JAN-2009 19:21:05	Bright	43.000	28	12Bet Tau	1.6500	15200.	86	35896	No
268	GOM_NL__2PRFIN20090110_192332_000000352075_00271_35896_3929.N1	10-JAN-2009 19:23:32	Bright	34.500	107	37The Aur	2.6490	11000.	69	35896	No
269	GOM_NL__2PRFIN20090110_192544_000000362075_00271_35896_3930.N1	10-JAN-2009 19:25:44	Bright	36.000	42	34Bet Aur	1.9000	10200.	72	35896	No
270	GOM_NL__2PRFIN20090110_193812_000000372075_00271_35896_3931.N1	10-JAN-2009 19:38:12	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	35896	No
271	GOM_NL__2PRFIN20090110_194221_000000412075_00271_35896_3932.N1	10-JAN-2009 19:42:21	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	35896	No
272	GOM_NL__2PRFIN20090110_194632_000000342075_00271_35896_3933.N1	10-JAN-2009 19:46:32	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	35896	No
273	GOM_NL__2PRFIN20090110_194858_000000432075_00271_35896_3934.N1	10-JAN-2009 19:48:58	Bright	42.500	130	23Bet Dra	2.7990	5800.0	85	35896	No
274	GOM_NL__2PRFIN20090110_195512_000000532075_00271_35896_3935.N1	10-JAN-2009 19:55:12	Bright	53.000	133	40Zet Her	2.8070	6000.0	106	35896	No
275	GOM_NL__2PRFIN20090110_195722_000000422075_00271_35896_3936.N1	10-JAN-2009 19:57:22	Bright	41.500	67	5Alp CrB	2.2210	11000.	83	35896	No
276	GOM_NL__2PRFIN20090110_200329_000000582075_00271_35896_3937.N1	10-JAN-2009 20:03:29	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	35896	No
277	GOM_NL__2PRFIN20090110_200541_000000512075_00271_35896_3938.N1	10-JAN-2009 20:05:41	Bright	51.000	120	1Del Oph	2.7340	3200.0	102	35896	No
278	GOM_NL__2PRFIN20090110_200707_000000472075_00271_35896_3939.N1	10-JAN-2009 20:07:07	Bright	46.500	98	13Zet Oph	2.5710	30000.	93	35896	No

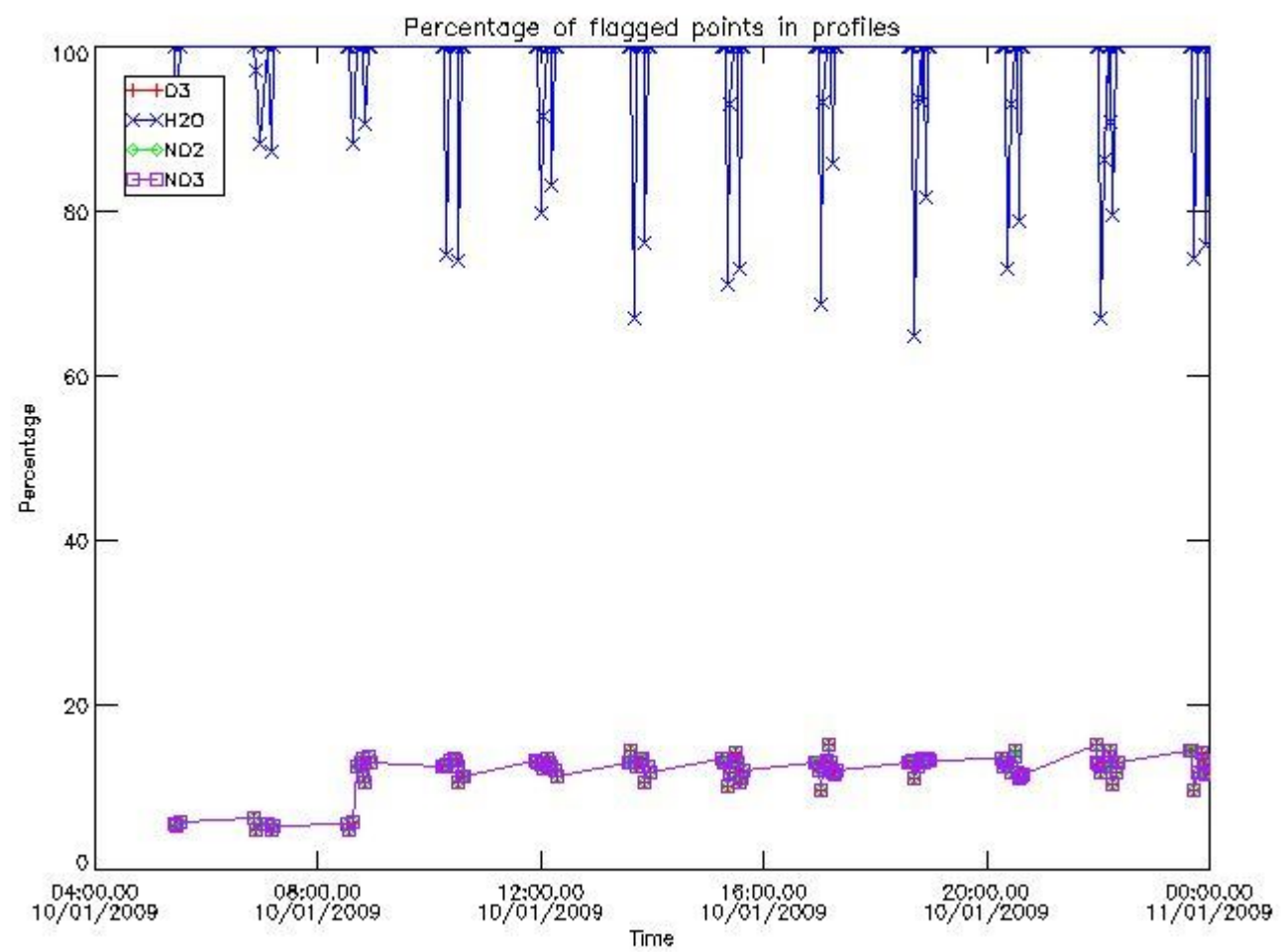
279	GOM_NL__2PRFIN20090110_200902_000000492075_00271_35896_3940.N1	10-JAN-2009 20:09:02	TwI_and_stray	48.500	104	27Bet Lib	2.6140	13100.	97	35896	No
280	GOM_NL__2PRFIN20090110_201134_000000522075_00271_35896_3941.N1	10-JAN-2009 20:11:34	TwI_and_stray	52.000	16	21Alp Sco	1.0200	3000.0	104	35896	No
281	GOM_NL__2PRFIN20090110_201640_000000382075_00271_35896_3942.N1	10-JAN-2009 20:16:40	Dark	38.000	131	Gam Lup	2.8000	26000.	76	35896	No
282	GOM_NL__2PRFIN20090110_201817_000000412075_00271_35896_3943.N1	10-JAN-2009 20:18:17	Dark	41.000	109	Bet Lup	2.6770	26000.	82	35896	No
283	GOM_NL__2PRFIN20090110_201947_000000392075_00271_35896_3944.N1	10-JAN-2009 20:19:47	Dark	39.000	78	Alp Lup	2.3040	28000.	78	35896	No
284	GOM_NL__2PRFIN20090110_202235_000000402075_00272_35897_3935.N1	10-JAN-2009 20:22:35	Dark	39.500	4	Alp1Cen	-0.010000	5800.0	79	35897	No
285	GOM_NL__2PRFIN20090110_202554_000000442075_00272_35897_3936.N1	10-JAN-2009 20:25:54	Dark	43.500	20	Bet Cru	1.2530	30000.	87	35897	No
286	GOM_NL__2PRFIN20090110_203009_000000372075_00272_35897_3937.N1	10-JAN-2009 20:30:09	Dark	37.000	124	The Car	2.7640	30000.	74	35897	No
287	GOM_NL__2PRFIN20090110_203141_000000392075_00272_35897_3938.N1	10-JAN-2009 20:31:41	Dark	39.000	29	Bet Car	1.6720	10200.	78	35897	No
288	GOM_NL__2PRFIN20090110_203328_000000432075_00272_35897_3939.N1	10-JAN-2009 20:33:28	Dark	43.000	71	lot Car	2.2460	7700.0	86	35897	No
289	GOM_NL__2PRFIN20090110_203449_000000462075_00272_35897_3940.N1	10-JAN-2009 20:34:49	Dark	45.500	41	Eps Car	1.8600	4100.0	91	35897	No
290	GOM_NL__2PRFIN20090110_203807_000000452075_00272_35897_3941.N1	10-JAN-2009 20:38:07	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	35897	No
291	GOM_NL__2PRFIN20090110_204017_000000442075_00272_35897_3942.N1	10-JAN-2009 20:40:17	Dark	44.000	70	Zet Pup	2.2460	39000.	88	35897	No
292	GOM_NL__2PRFIN20090110_204204_000000442075_00272_35897_3943.N1	10-JAN-2009 20:42:04	Straylight	43.500	117	Pi Pup	2.7060	3800.0	87	35897	No
293	GOM_NL__2PRFIN20090110_204441_000000432075_00272_35897_3944.N1	10-JAN-2009 20:44:41	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	35897	No
294	GOM_NL__2PRFIN20090110_204607_000000412075_00272_35897_3945.N1	10-JAN-2009 20:46:07	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	35897	No
295	GOM_NL__2PRFIN20090110_204824_000000452075_00272_35897_3946.N1	10-JAN-2009 20:48:24	Straylight	44.500	1	9Alp CMa	-1.4400	11000.	89	35897	No
296	GOM_NL__2PRFIN20090110_205052_000000442075_00272_35897_3947.N1	10-JAN-2009 20:50:52	Straylight	43.500	56	53Kap Ori	2.0650	30000.	87	35897	No
297	GOM_NL__2PRFIN20090110_205320_000000412075_00272_35897_3948.N1	10-JAN-2009 20:53:20	TwI_and_stray	41.000	30	46Eps Ori	1.6940	30000.	82	35897	No
298	GOM_NL__2PRFIN20090110_205537_000000492075_00272_35897_3949.N1	10-JAN-2009 20:55:37	TwI_and_stray	49.000	14	58Alp Ori	0.87000	3000.0	98	35897	No
299	GOM_NL__2PRFIN20090110_205819_000000452075_00272_35897_3950.N1	10-JAN-2009 20:58:19	TwI_and_stray	45.000	44	24Gam Gem	1.9280	11000.	90	35897	No
300	GOM_NL__2PRFIN20090110_210001_000000432075_00272_35897_3951.N1	10-JAN-2009 21:00:01	Bright	43.000	151	13Mu Gem	2.8900	3000.0	86	35897	No
301	GOM_NL__2PRFIN20090110_210141_000000382075_00272_35897_3952.N1	10-JAN-2009 21:01:41	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	35897	No
302	GOM_NL__2PRFIN20090110_210408_000000372075_00272_35897_3953.N1	10-JAN-2009 21:04:08	Bright	37.000	107	37The Aur	2.6490	11000.	74	35897	No
303	GOM_NL__2PRFIN20090110_210620_000000372075_00272_35897_3954.N1	10-JAN-2009 21:06:20	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	35897	No
304	GOM_NL__2PRFIN20090110_211848_000000372075_00272_35897_3955.N1	10-JAN-2009 21:18:48	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	35897	No
305	GOM_NL__2PRFIN20090110_212257_000000342075_00272_35897_3956.N1	10-JAN-2009 21:22:57	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	35897	No
306	GOM_NL__2PRFIN20090110_212708_000000402075_00272_35897_3957.N1	10-JAN-2009 21:27:08	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	35897	No
307	GOM_NL__2PRFIN20090110_212934_000000522075_00272_35897_3958.N1	10-JAN-2009 21:29:34	Bright	52.000	130	23Bet Dra	2.7990	5800.0	104	35897	No
308	GOM_NL__2PRFIN20090110_213548_000000362075_00272_35897_3959.N1	10-JAN-2009 21:35:48	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	35897	No
309	GOM_NL__2PRFIN20090110_213758_000000602075_00272_35897_3960.N1	10-JAN-2009 21:37:58	Bright	60.000	67	5Alp CrB	2.2210	11000.	120	35897	No
310	GOM_NL__2PRFIN20090110_214406_000000582075_00272_35897_3961.N1	10-JAN-2009 21:44:06	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	35897	No
311	GOM_NL__2PRFIN20090110_214617_000000542075_00272_35897_3962.N1	10-JAN-2009 21:46:17	Bright	54.000	120	1Del Oph	2.7340	3200.0	108	35897	No
312	GOM_NL__2PRFIN20090110_214743_000000412075_00272_35897_3963.N1	10-JAN-2009 21:47:43	Bright	41.000	98	13Zet Oph	2.5710	30000.	82	35897	No
313	GOM_NL__2PRFIN20090110_214938_000000472075_00272_35897_3964.N1	10-JAN-2009 21:49:38	TwI_and_stray	46.500	104	27Bet Lib	2.6140	13100.	93	35897	No
314	GOM_NL__2PRFIN20090110_215210_000000462075_00272_35897_3965.N1	10-JAN-2009 21:52:10	TwI_and_stray	45.500	16	21Alp Sco	1.0200	3000.0	91	35897	No
315	GOM_NL__2PRFIN20090110_215716_000000402075_00272_35897_3966.N1	10-JAN-2009 21:57:16	Dark	40.000	131	Gam Lup	2.8000	26000.	80	35897	No
316	GOM_NL__2PRFIN20090110_215853_000000402075_00272_35897_3967.N1	10-JAN-2009 21:58:53	Dark	39.500	109	Bet Lup	2.6770	26000.	79	35897	No
317	GOM_NL__2PRFIN20090110_220024_000000402075_00272_35897_3968.N1	10-JAN-2009 22:00:24	Dark	40.000	78	Alp Lup	2.3040	28000.	80	35897	No
318	GOM_NL__2PRFIN20090110_220312_000000432075_00273_35898_3594.N1	10-JAN-2009 22:03:12	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	35898	No
319	GOM_NL__2PRFIN20090110_220631_000000412075_00273_35898_3595.N1	10-JAN-2009 22:06:31	Dark	40.500	20	Bet Cru	1.2530	30000.	81	35898	No
320	GOM_NL__2PRFIN20090110_221045_000000372075_00273_35898_3596.N1	10-JAN-2009 22:10:45	Dark	37.000	124	The Car	2.7640	30000.	74	35898	No
321	GOM_NL__2PRFIN20090110_221217_000000392075_00273_35898_3597.N1	10-JAN-2009 22:12:17	Dark	39.000	29	Bet Car	1.6720	10200.	78	35898	No
322	GOM_NL__2PRFIN20090110_221404_000000412075_00273_35898_3598.N1	10-JAN-2009 22:14:04	Dark	40.500	71	lot Car	2.2460	7700.0	81	35898	No
323	GOM_NL__2PRFIN20090110_221525_000000492075_00273_35898_3599.N1	10-JAN-2009 22:15:25	Dark	49.000	41	Eps Car	1.8600	4100.0	98	35898	No
324	GOM_NL__2PRFIN20090110_221843_000000432075_00273_35898_3600.N1	10-JAN-2009 22:18:43	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	35898	No
325	GOM_NL__2PRFIN20090110_222053_000000432075_00273_35898_3601.N1	10-JAN-2009 22:20:53	Dark	43.000	70	Zet Pup	2.2460	39000.	86	35898	No
326	GOM_NL__2PRFIN20090110_222239_000000452075_00273_35898_3602.N1	10-JAN-2009 22:22:39	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	35898	No
327	GOM_NL__2PRFIN20090110_222517_000000432075_00273_35898_3603.N1	10-JAN-2009 22:25:17	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	35898	No
328	GOM_NL__2PRFIN20090110_222644_000000412075_00273_35898_3604.N1	10-JAN-2009 22:26:44	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	35898	No
329	GOM_NL__2PRFIN20090110_222900_000000472075_00273_35898_3605.N1	10-JAN-2009 22:29:00	Straylight	46.500	1	9Alp CMa	-1.4400	11000.	93	35898	No
330	GOM_NL__2PRFIN20090110_223128_000000422075_00273_35898_3606.N1	10-JAN-2009 22:31:28	Straylight	41.500	56	53Kap Ori	2.0650	30000.	83	35898	No
331	GOM_NL__2PRFIN20090110_223356_000000432075_00273_35898_3607.N1	10-JAN-2009 22:33:56	TwI_and_stray	42.500	30	46Eps Ori	1.6940	30000.	85	35898	No
332	GOM_NL__2PRFIN20090110_223613_000000502075_00273_35898_3608.N1	10-JAN-2009 22:36:13	TwI_and_stray	49.500	14	58Alp Ori	0.87000	3000.0	99	35898	No
333	GOM_NL__2PRFIN20090110_223855_000000442075_00273_35898_3609.N1	10-JAN-2009 22:38:55	TwI_and_stray	44.000	44	24Gam Gem	1.9280	11000.	88	35898	No
334	GOM_NL__2PRFIN20090110_224037_000000442075_00273_35898_3610.N1	10-JAN-2009 22:40:37	Bright	43.500	151	13Mu Gem	2.8900	3000.0	87	35898	No
335	GOM_NL__2PRFIN20090110_224218_000000382075_00273_35898_3611.N1	10-JAN-2009 22:42:18	Bright	37.500	28	12Bet Tau	1.6500	15200.	75	35898	No
336	GOM_NL__2PRFIN20090110_224443_000000362075_00273_35898_3612.N1	10-JAN-2009 22:44:43	Bright	35.500	107	37The Aur	2.6490	11000.	71	35898	No
337	GOM_NL__2PRFIN20090110_224656_000000362075_00273_35898_3613.N1	10-JAN-2009 22:46:56	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	35898	No

338	GOM_NL__2PRFIN20090110_225924_000000372075_00273_35898_3614.N1	10-JAN-2009 22:59:24	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	35898	No
339	GOM_NL__2PRFIN20090110_230332_000000342075_00273_35898_3615.N1	10-JAN-2009 23:03:32	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	35898	No
340	GOM_NL__2PRFIN20090110_230743_000000382075_00273_35898_3616.N1	10-JAN-2009 23:07:43	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	35898	No
341	GOM_NL__2PRFIN20090110_231010_000000412075_00273_35898_3617.N1	10-JAN-2009 23:10:10	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	35898	No
342	GOM_NL__2PRFIN20090110_231624_000000352075_00273_35898_3618.N1	10-JAN-2009 23:16:24	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	35898	No
343	GOM_NL__2PRFIN20090110_231834_000000422075_00273_35898_3619.N1	10-JAN-2009 23:18:34	Bright	41.500	67	5Alp CrB	2.2210	11000.	83	35898	No
344	GOM_NL__2PRFIN20090110_232442_000000592075_00273_35898_3620.N1	10-JAN-2009 23:24:42	Bright	59.000	102	24Alp Ser	2.6000	4250.0	118	35898	No
345	GOM_NL__2PRFIN20090110_232653_000000542075_00273_35898_3621.N1	10-JAN-2009 23:26:53	Bright	54.000	120	1Del Oph	2.7340	3200.0	108	35898	No
346	GOM_NL__2PRFIN20090110_232820_000000522075_00273_35898_3622.N1	10-JAN-2009 23:28:20	Bright	52.000	98	13Zet Oph	2.5710	30000.	104	35898	No
347	GOM_NL__2PRFIN20090110_233015_000000452075_00273_35898_3623.N1	10-JAN-2009 23:30:15	Tw_i_and_stray	44.500	104	27Bet Lib	2.6140	13100.	89	35898	No
348	GOM_NL__2PRFIN20090110_233246_000000522075_00273_35898_3624.N1	10-JAN-2009 23:32:46	Tw_i_and_stray	52.000	16	21Alp Sco	1.0200	3000.0	104	35898	No
349	GOM_NL__2PRFIN20090110_233929_000000392075_00273_35898_3625.N1	10-JAN-2009 23:39:29	Dark	38.500	109	Bet Lup	2.6770	26000.	77	35898	No
350	GOM_NL__2PRFIN20090110_234100_000000432075_00273_35898_3626.N1	10-JAN-2009 23:41:00	Dark	42.500	78	Alp Lup	2.3040	28000.	85	35898	No
351	GOM_NL__2PRFIN20090110_234348_000000532075_00274_35899_3994.N1	10-JAN-2009 23:43:48	Dark	53.000	4	Alp1Cen	-0.010000	5800.0	106	35899	No
352	GOM_NL__2PRFIN20090110_234707_000000432075_00274_35899_3995.N1	10-JAN-2009 23:47:07	Dark	43.000	20	Bet Cru	1.2530	30000.	86	35899	No
353	GOM_NL__2PRFIN20090110_235121_000000362075_00274_35899_3996.N1	10-JAN-2009 23:51:21	Dark	36.000	124	The Car	2.7640	30000.	72	35899	No
354	GOM_NL__2PRFIN20090110_235254_000000392075_00274_35899_3997.N1	10-JAN-2009 23:52:54	Dark	38.500	29	Bet Car	1.6720	10200.	77	35899	No
355	GOM_NL__2PRFIN20090110_235440_000000402075_00274_35899_3998.N1	10-JAN-2009 23:54:40	Dark	40.000	71	lot Car	2.2460	7700.0	80	35899	No
356	GOM_NL__2PRFIN20090110_235601_000000442075_00274_35899_3999.N1	10-JAN-2009 23:56:01	Dark	44.000	41	Eps Car	1.8600	4100.0	88	35899	No
357	GOM_NL__2PRFIN20090110_235920_000000432075_00274_35899_4000.N1	10-JAN-2009 23:59:20	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	35899	No

3. Quality information per product

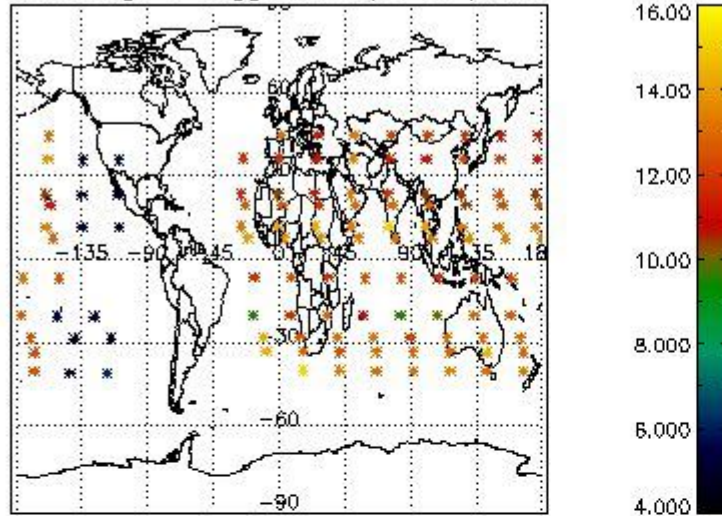
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

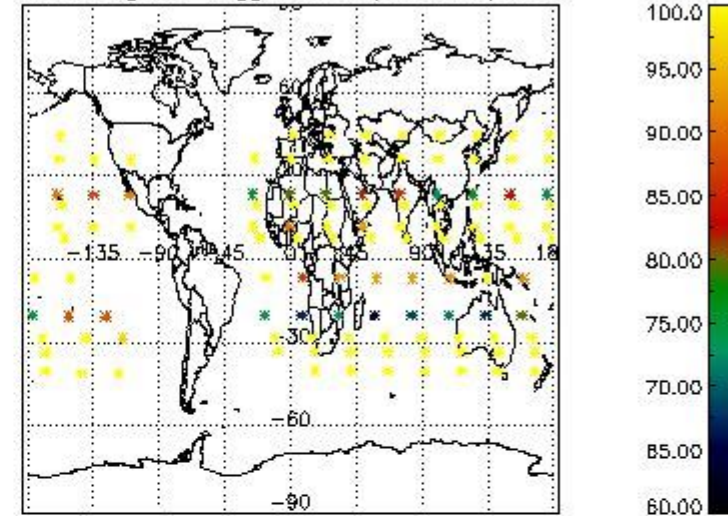


3.2 Plot quality information per product (world map)

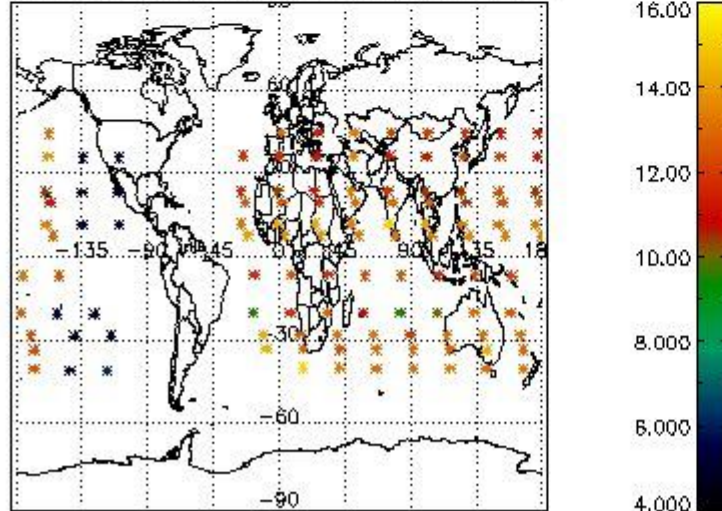
Percentage of flagged data per O3 profile



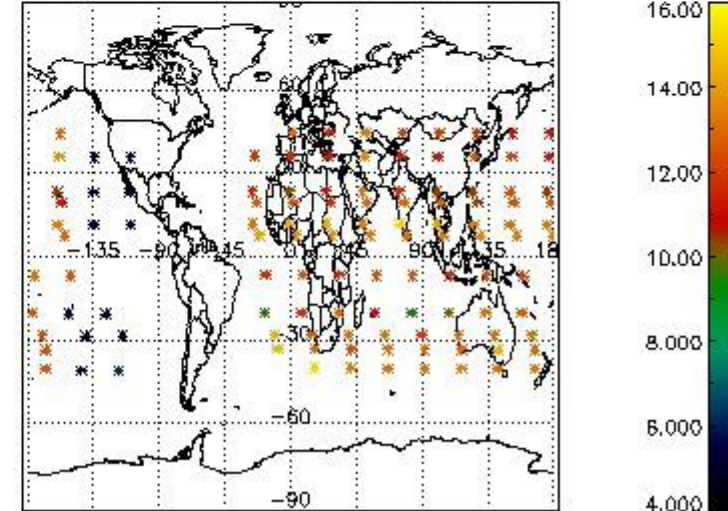
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

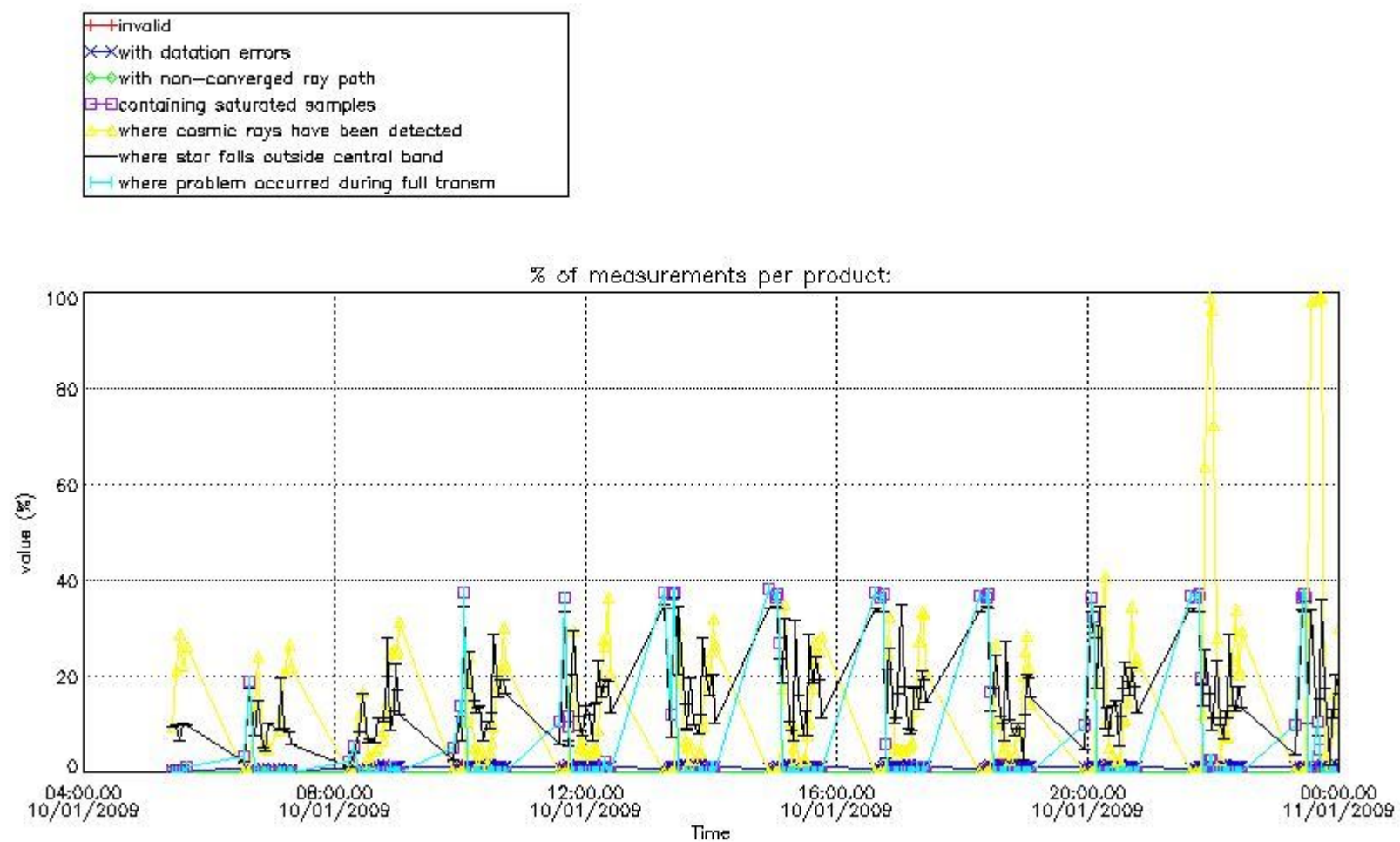


4. Level 1 quality information per product

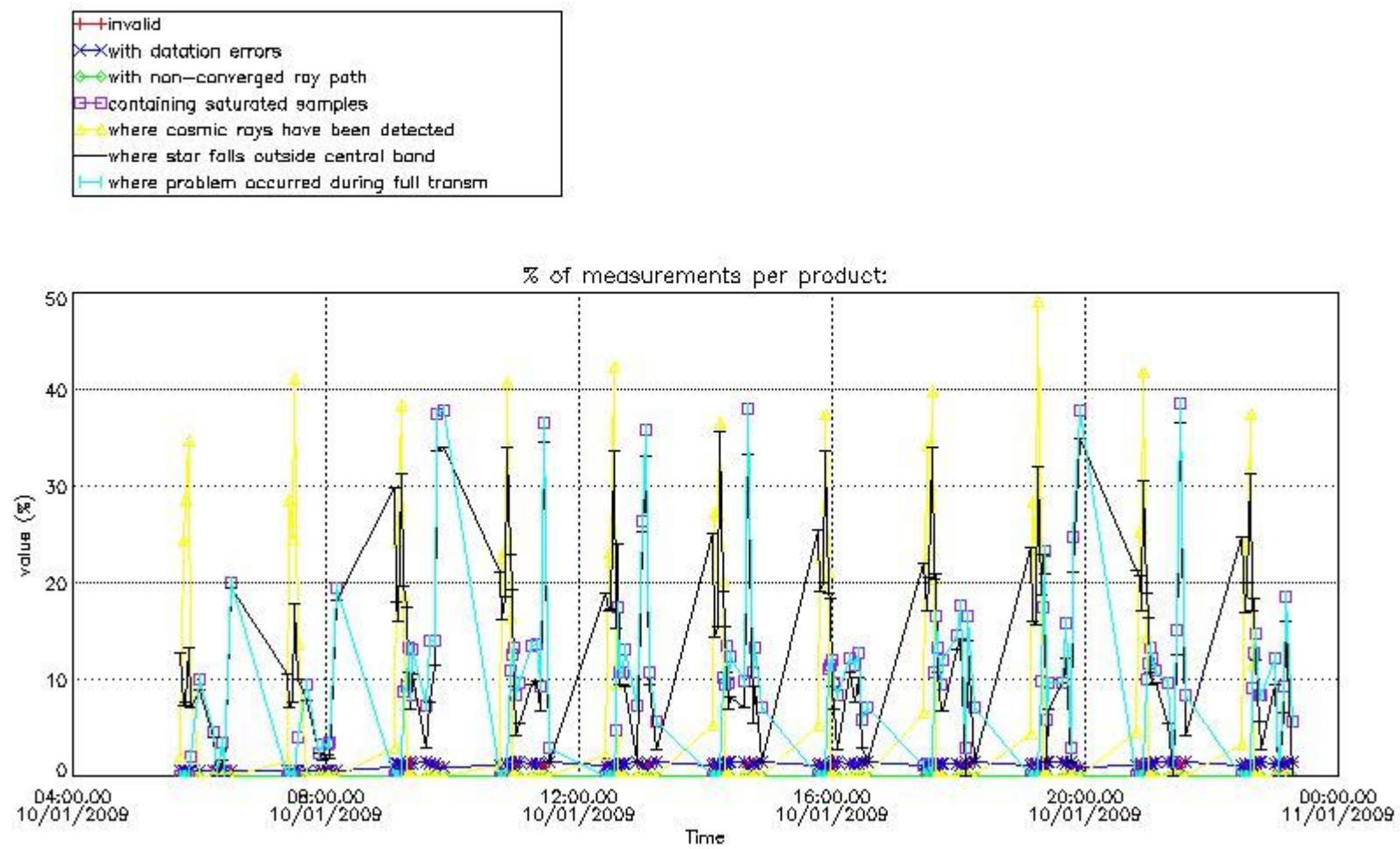
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

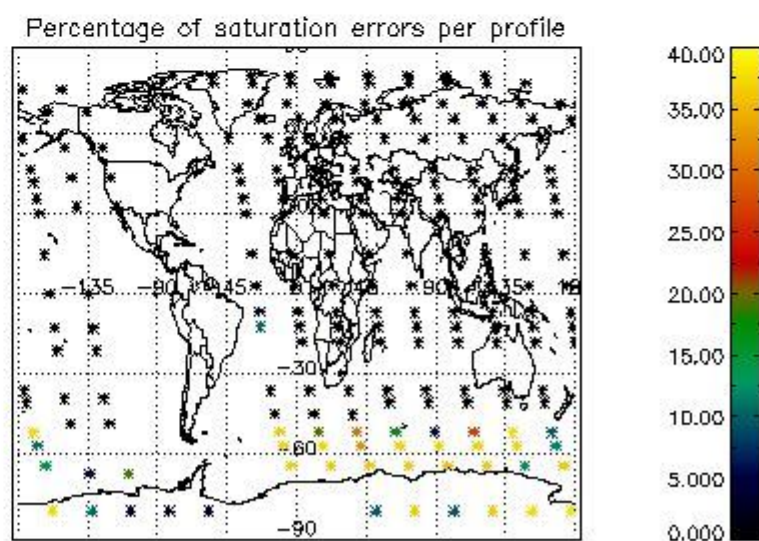
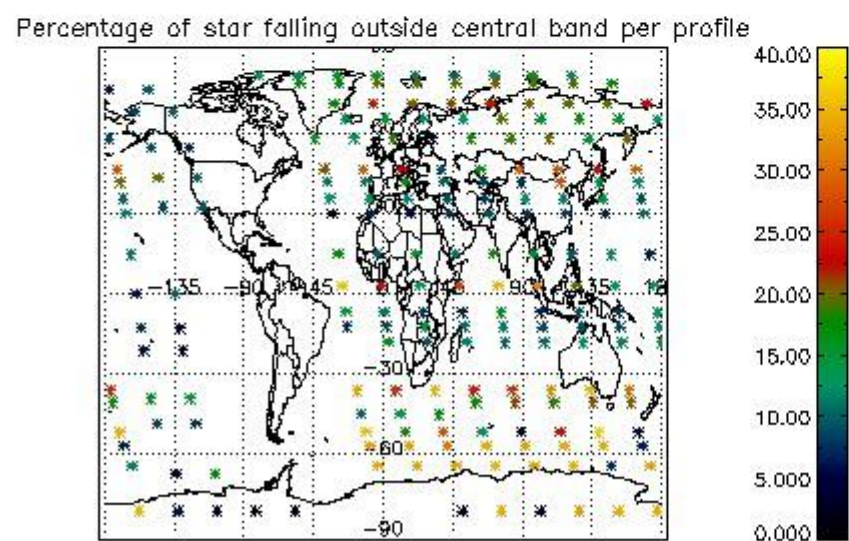
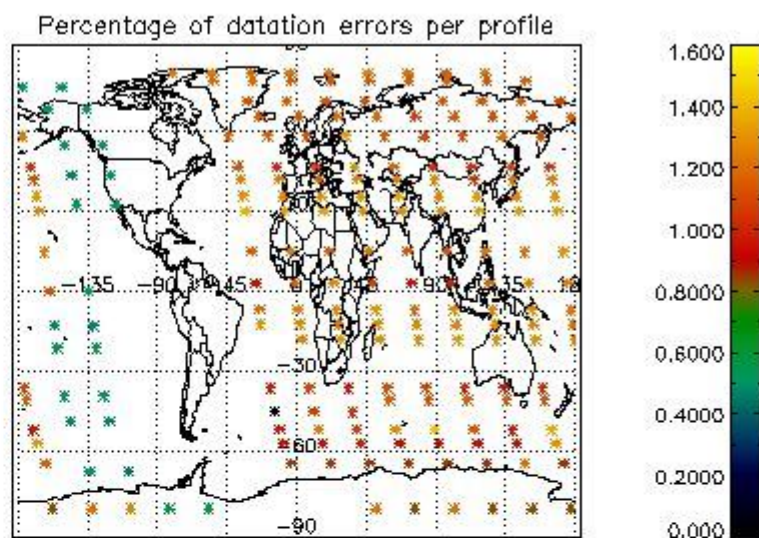
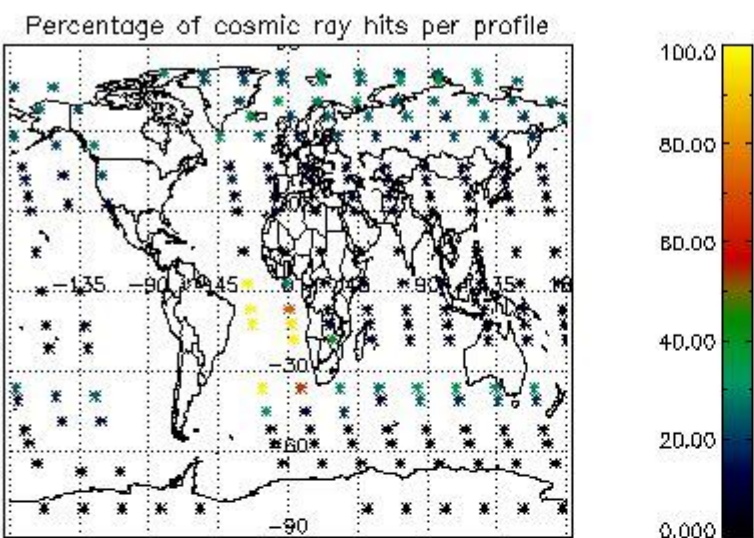


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

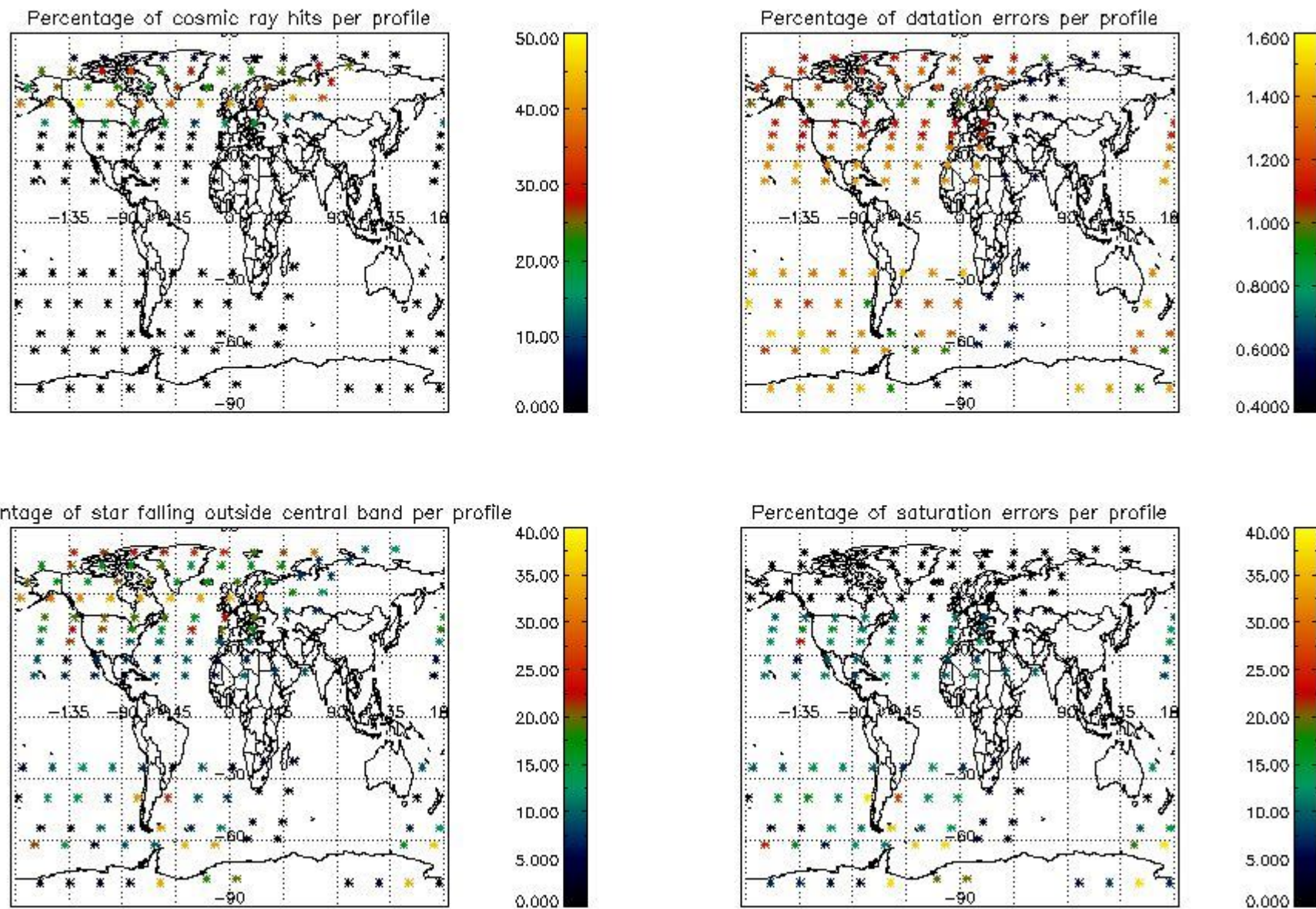


4.2 Plot quality information per product coming from level 1b processing (world map)

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

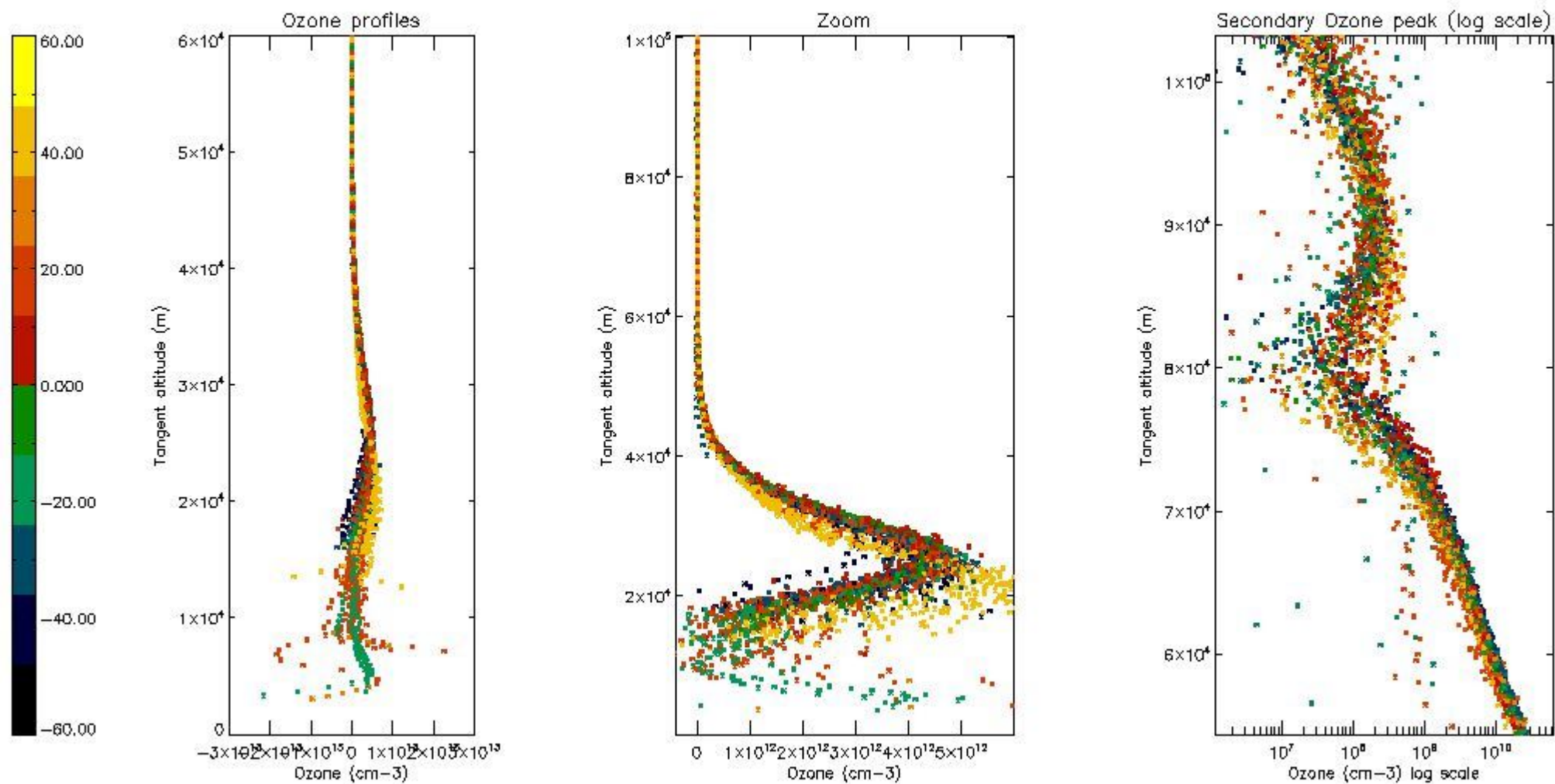
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	31
STD < 20	16

STD < 10	14
STD < 5	9

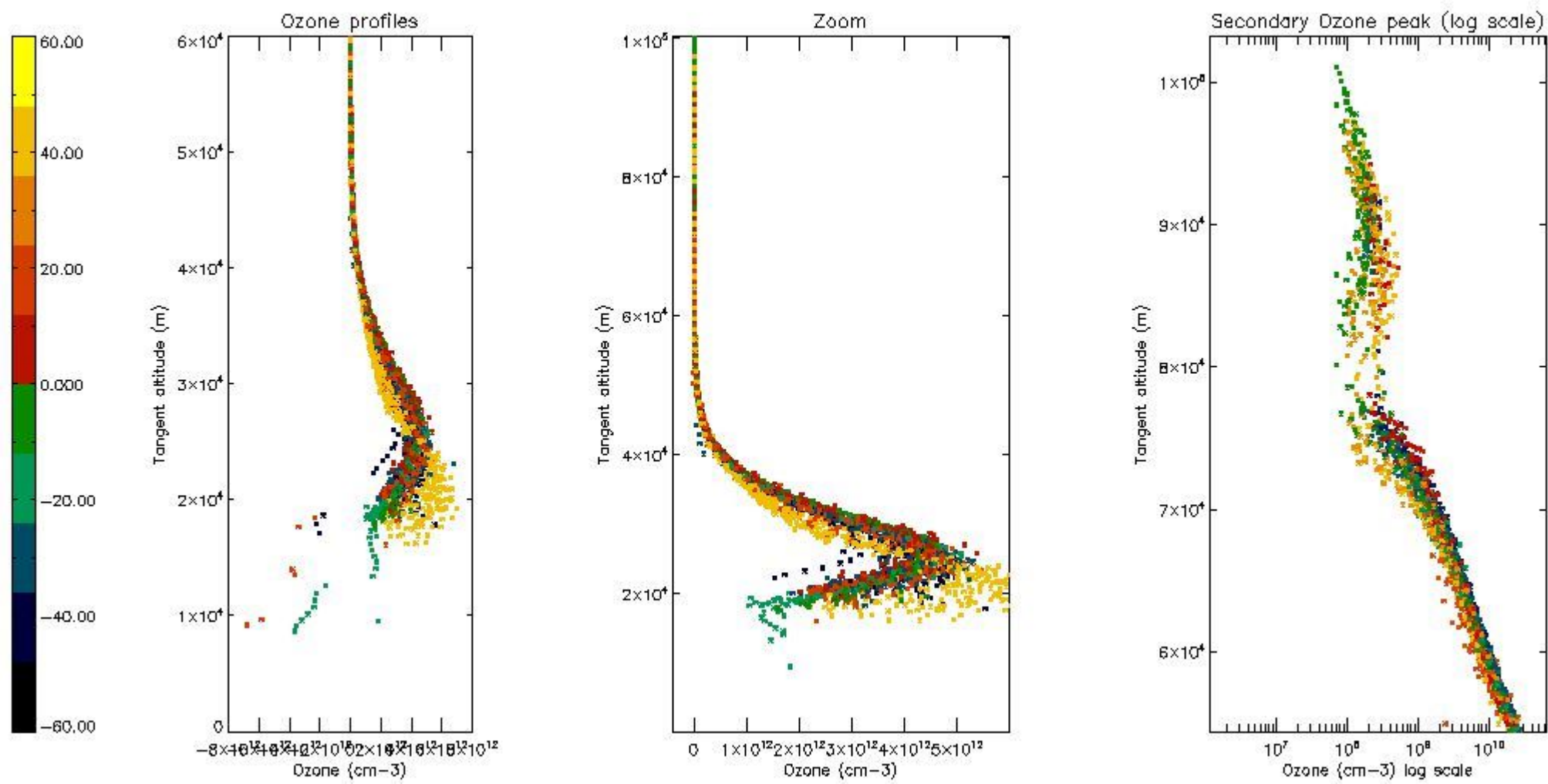
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



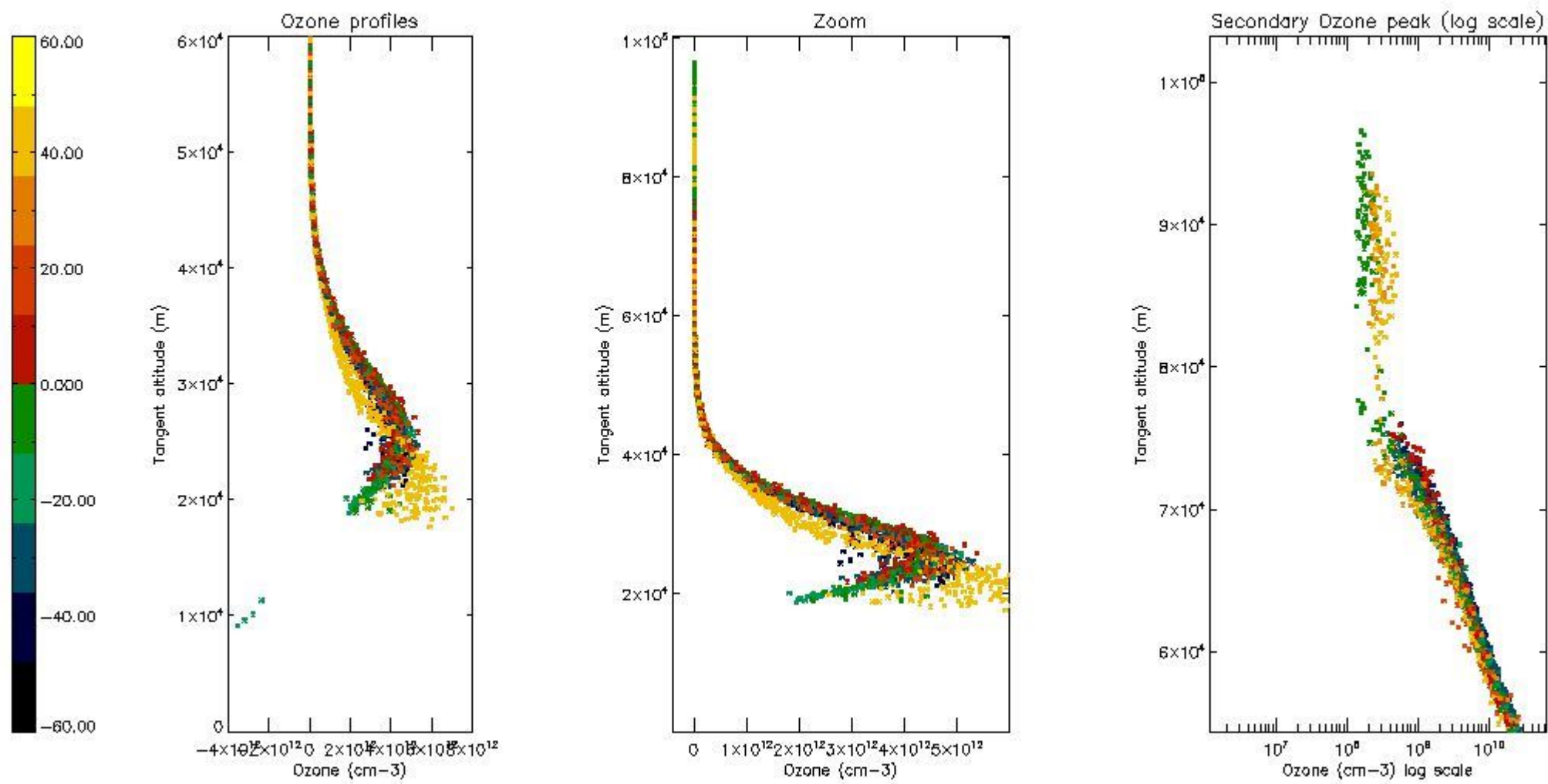
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



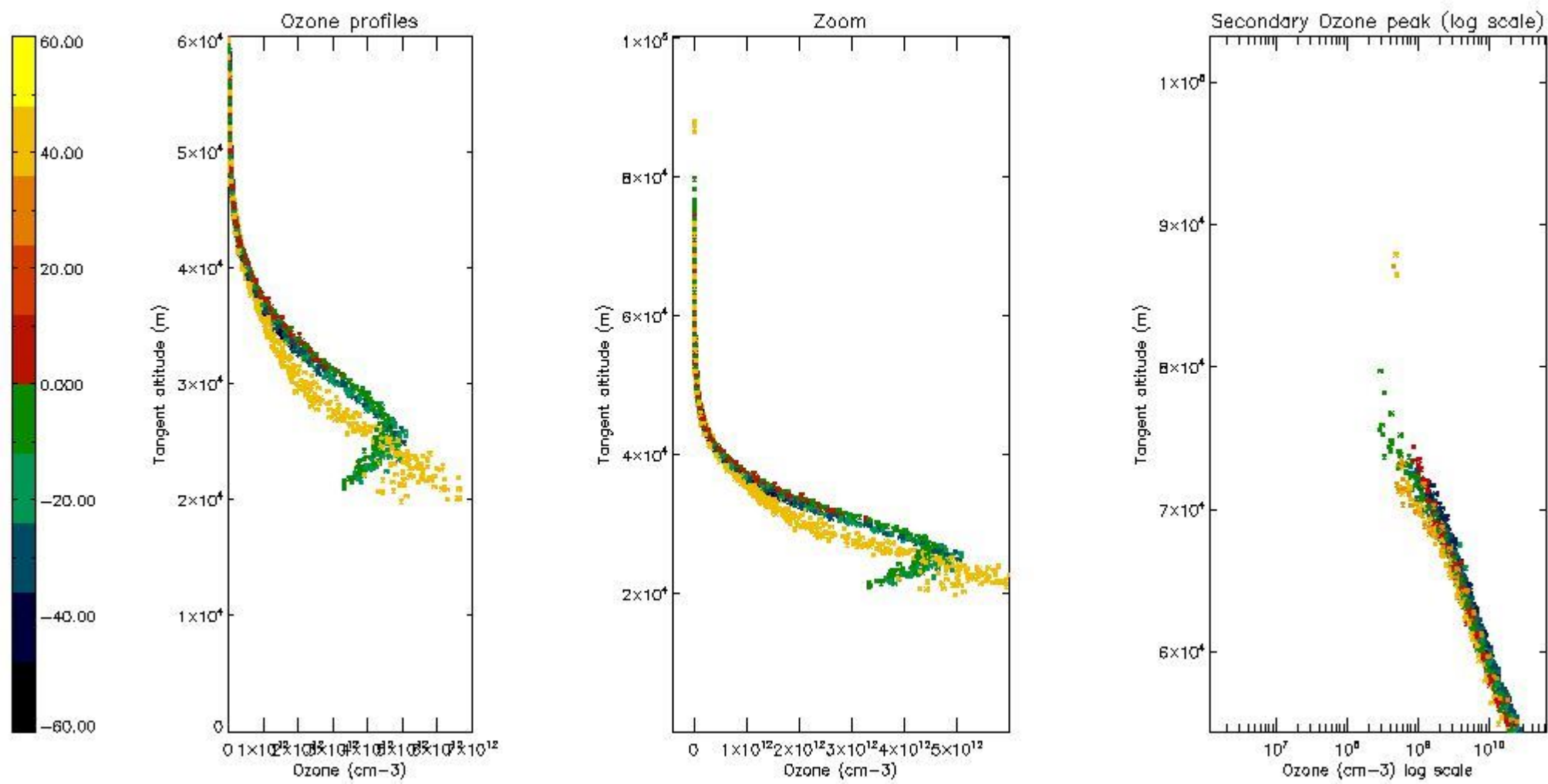
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



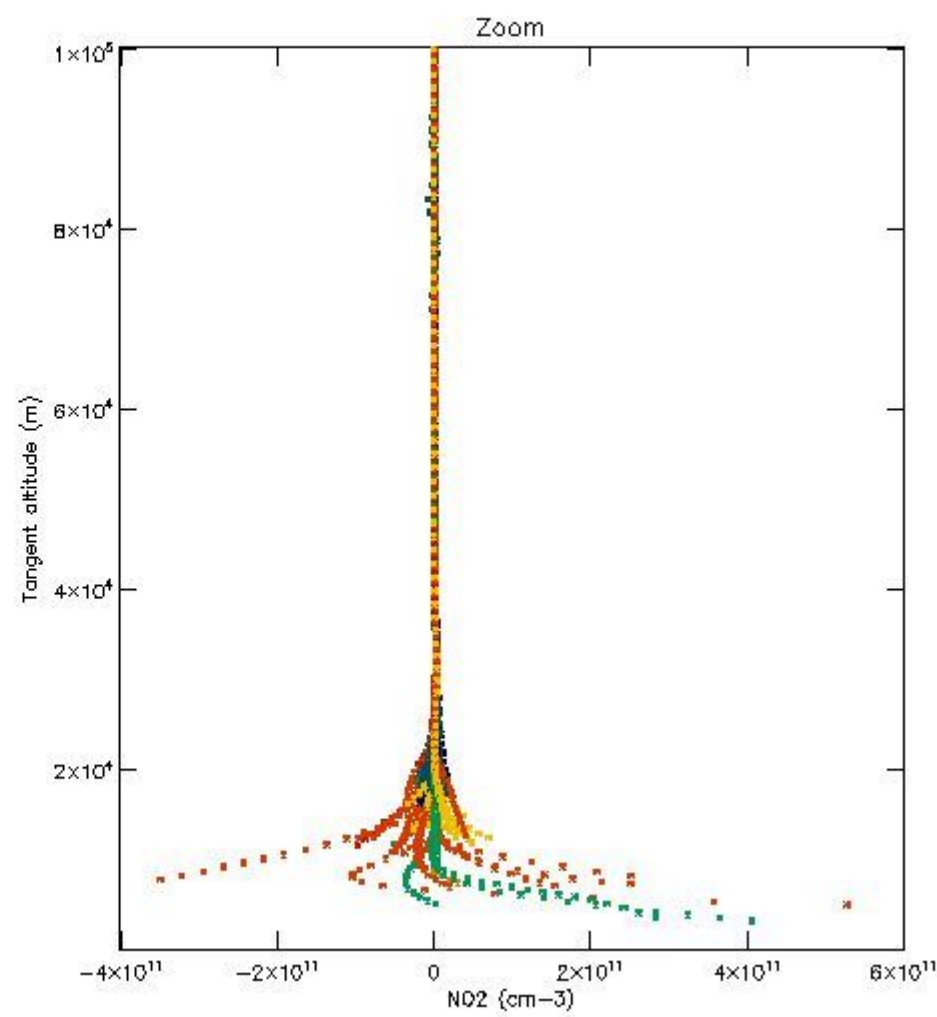
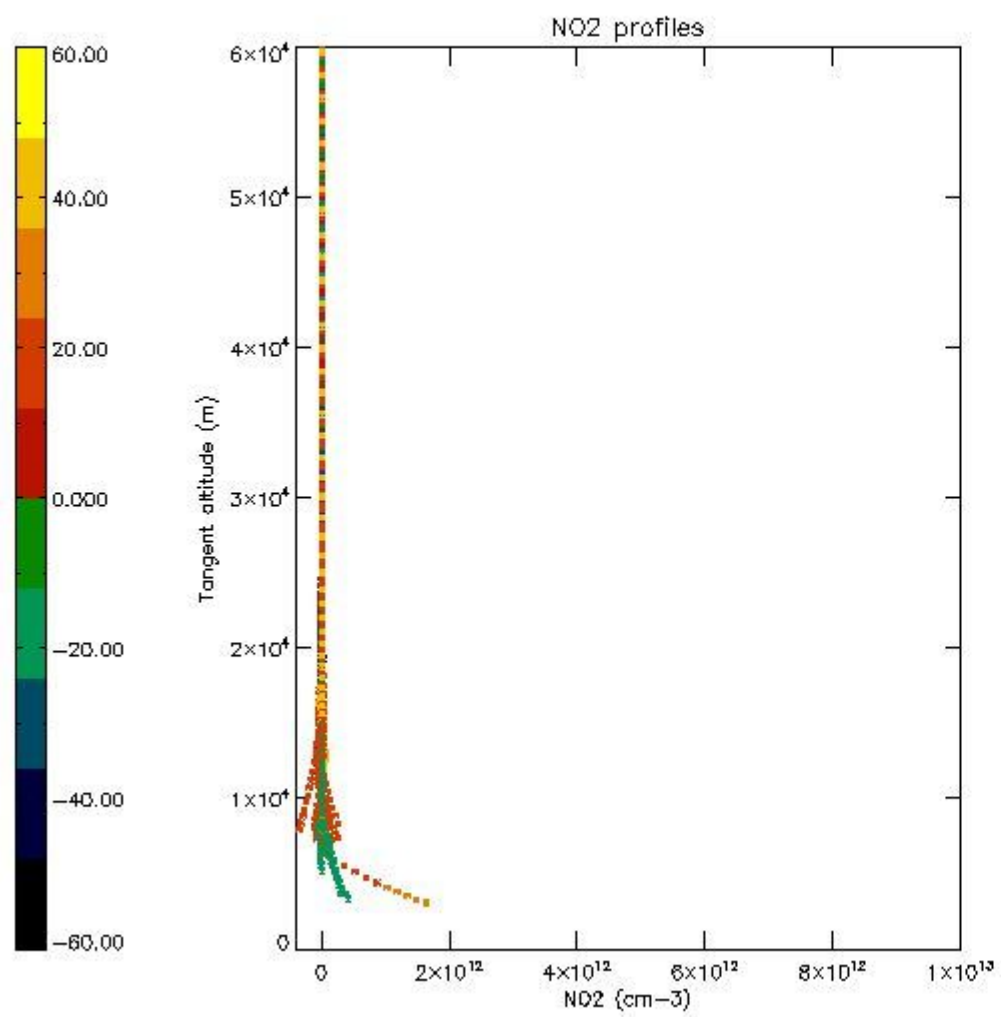
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



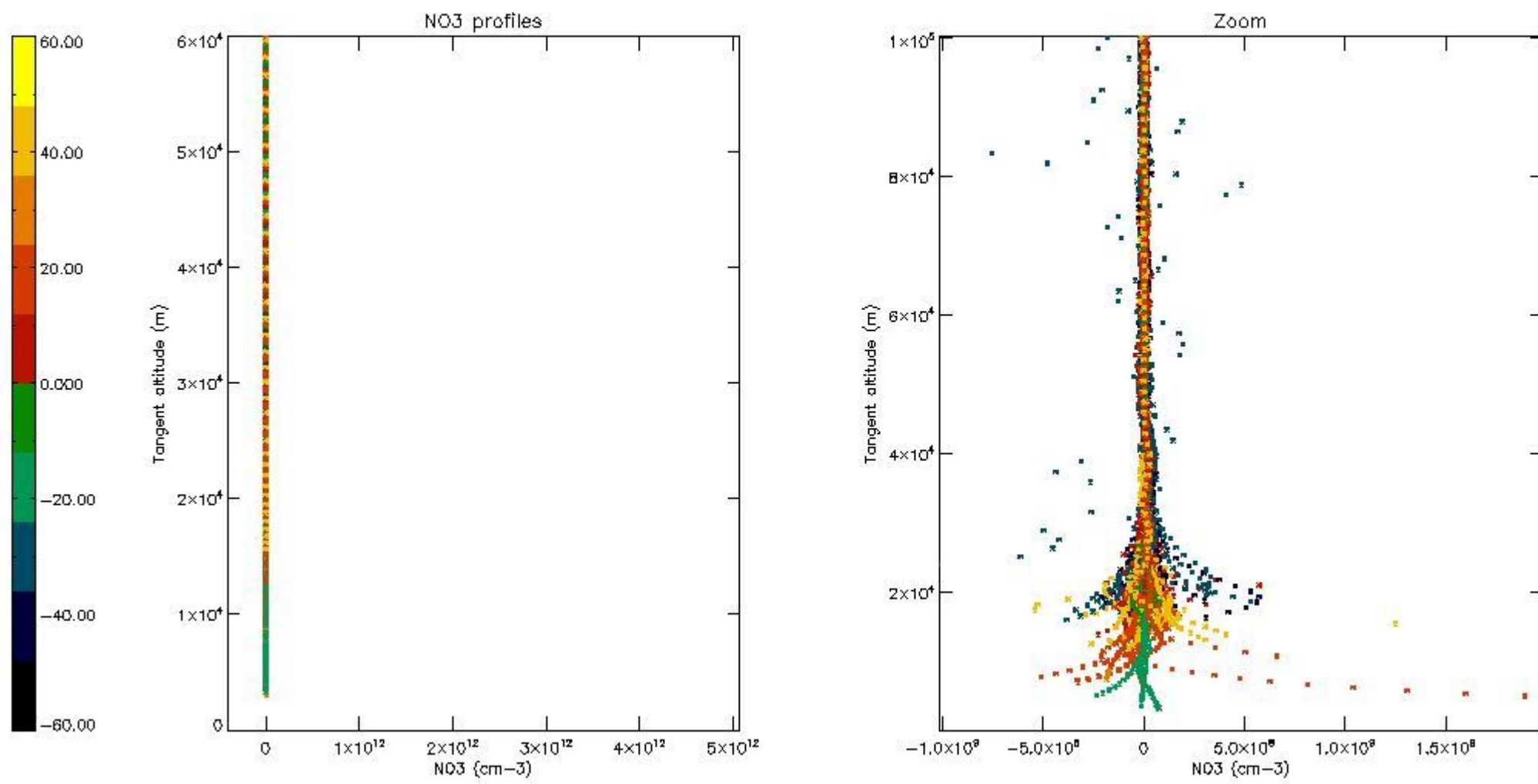
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



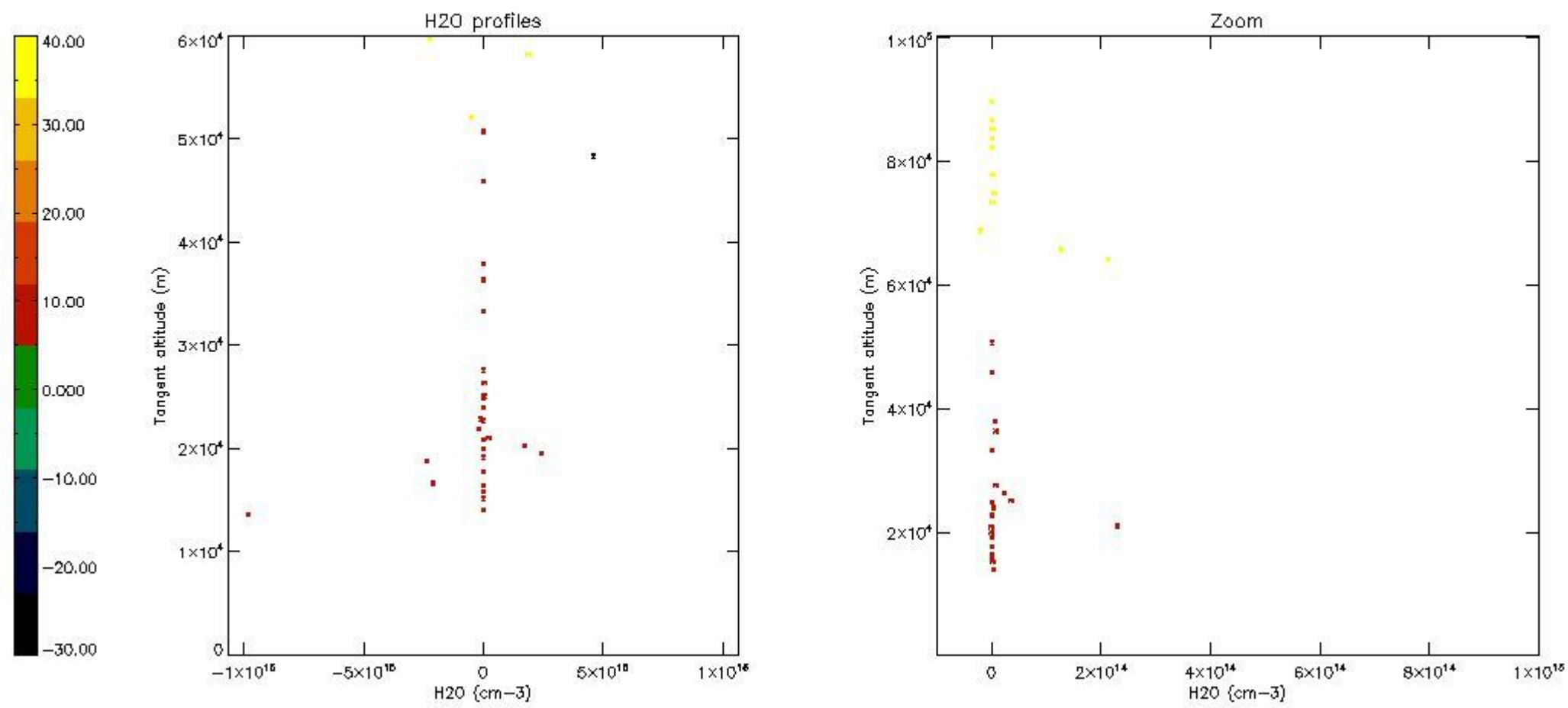
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

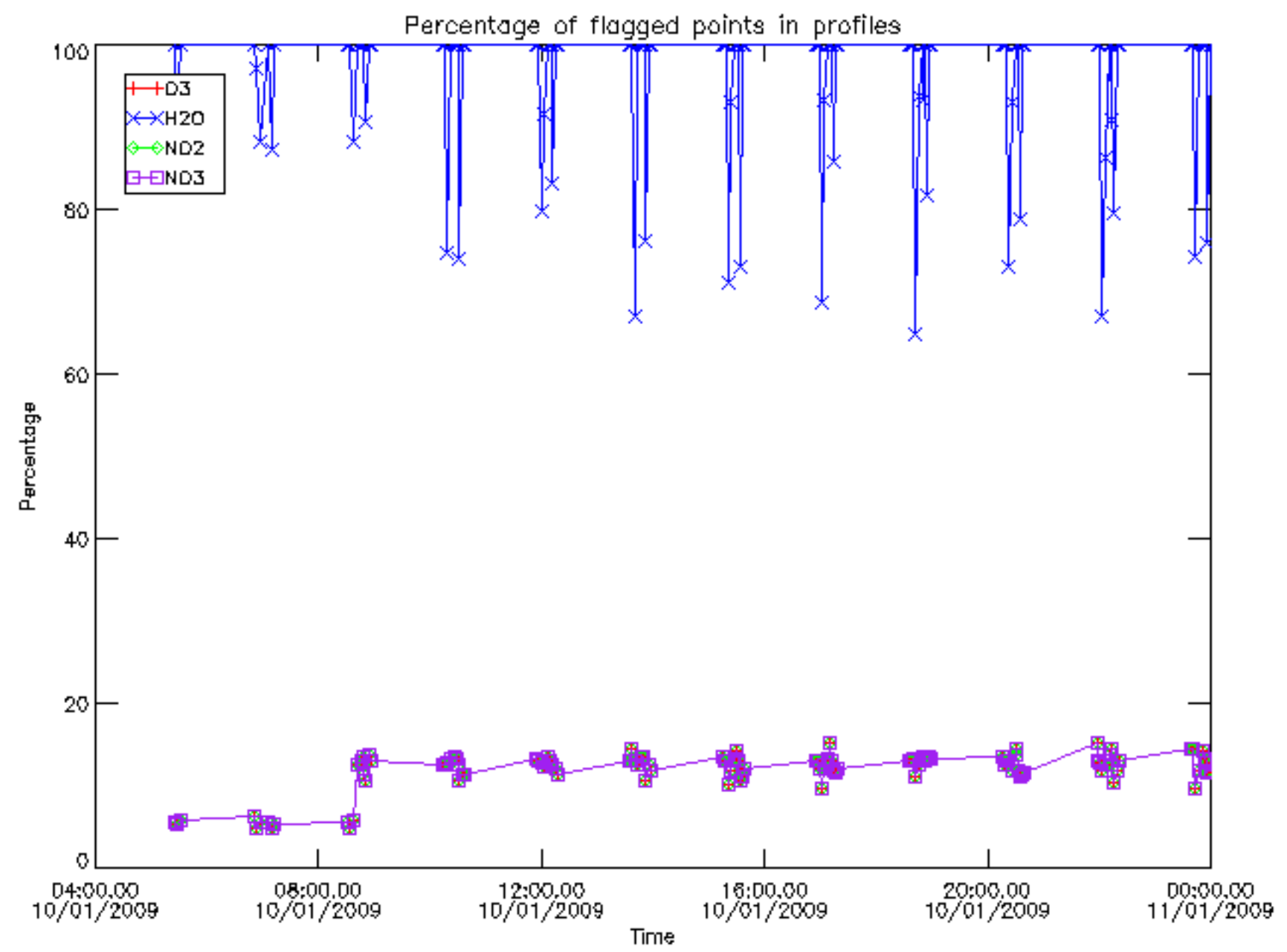
The colorbar represents the latitude.



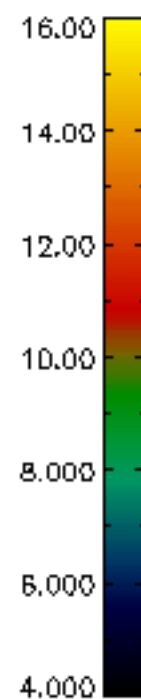
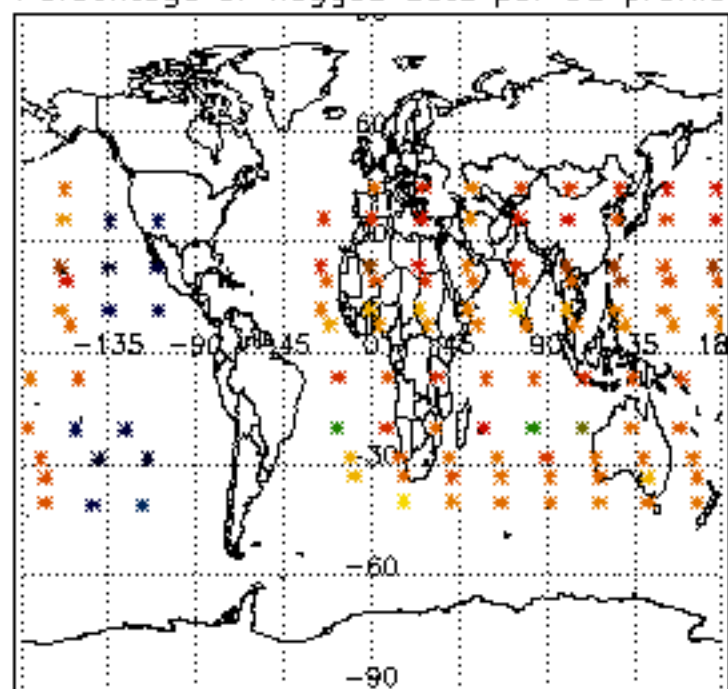
6. Auxiliary Data Files used for the production reported in section 2

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.

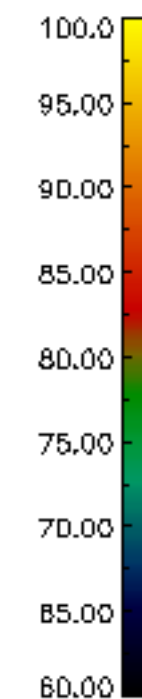
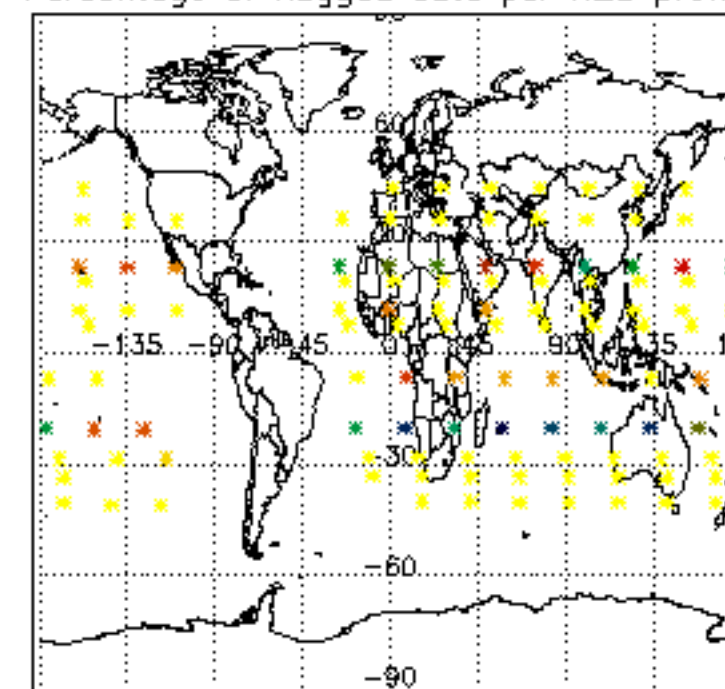
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	10-JAN-2009 05:25:25
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	10-JAN-2009 05:25:25
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	10-JAN-2009 05:25:25



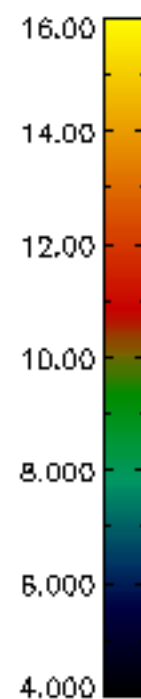
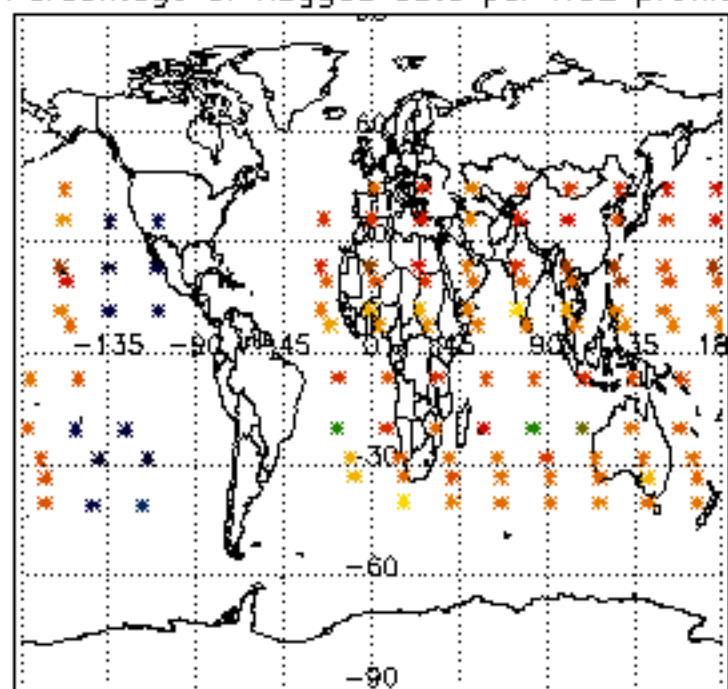
Percentage of flagged data per D3 profile



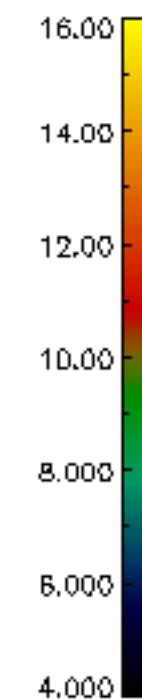
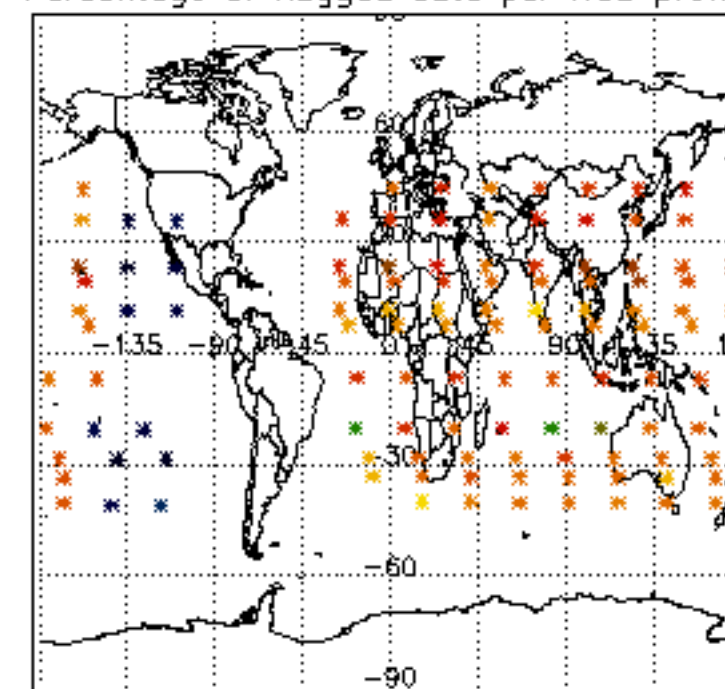
Percentage of flagged data per H2O profile

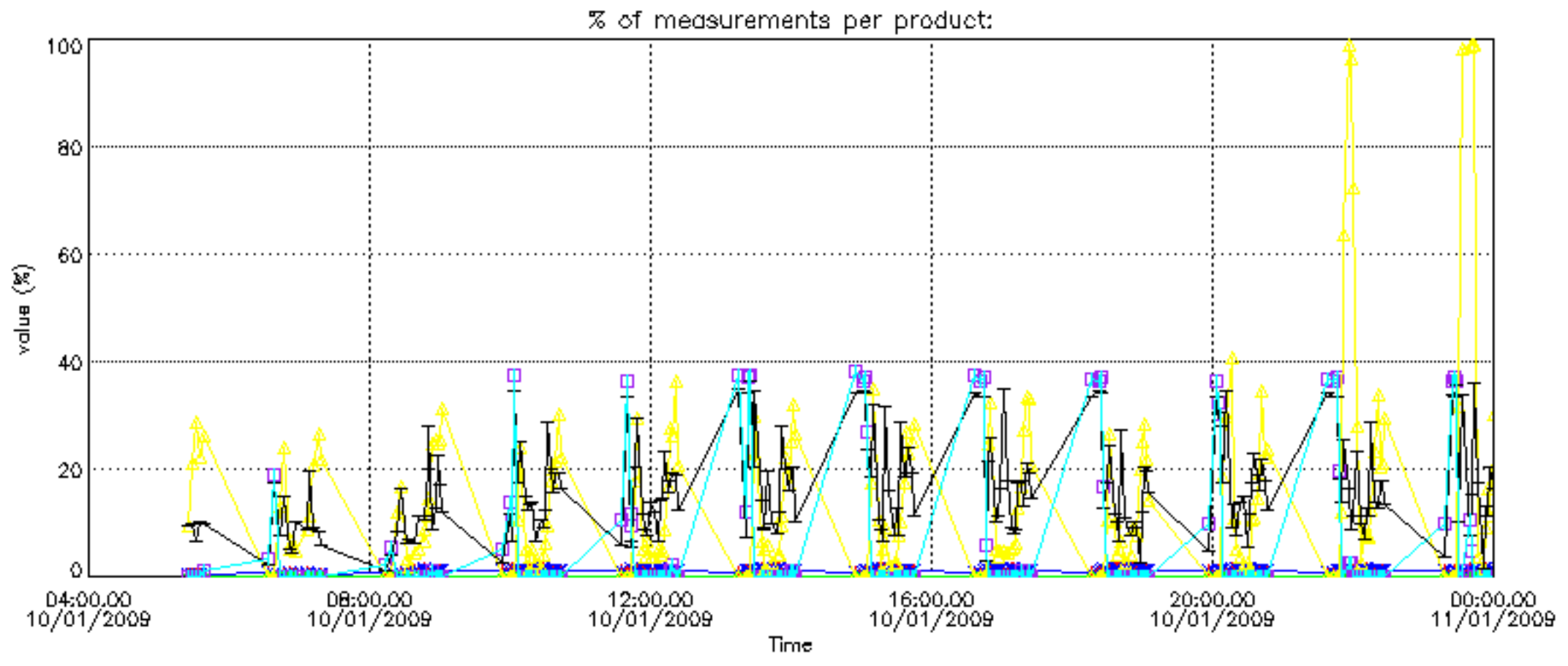


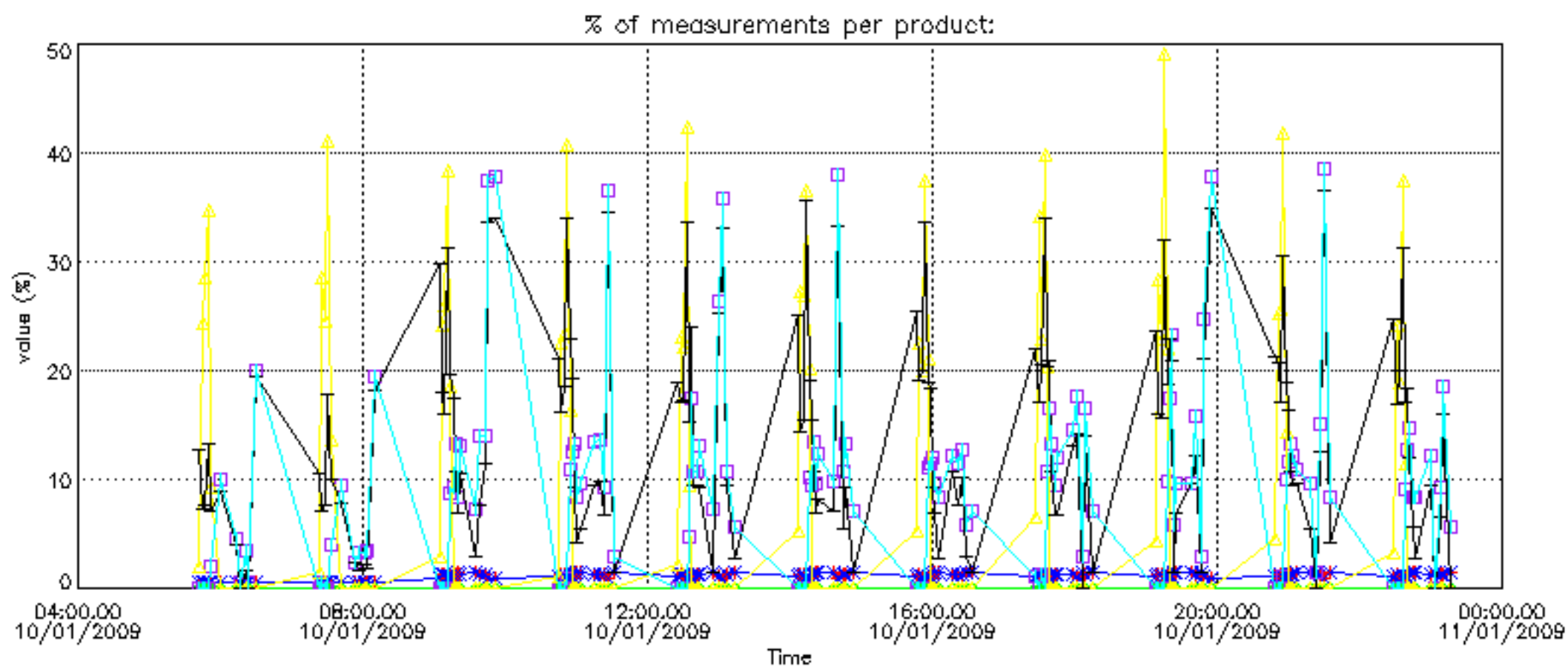
Percentage of flagged data per NO2 profile



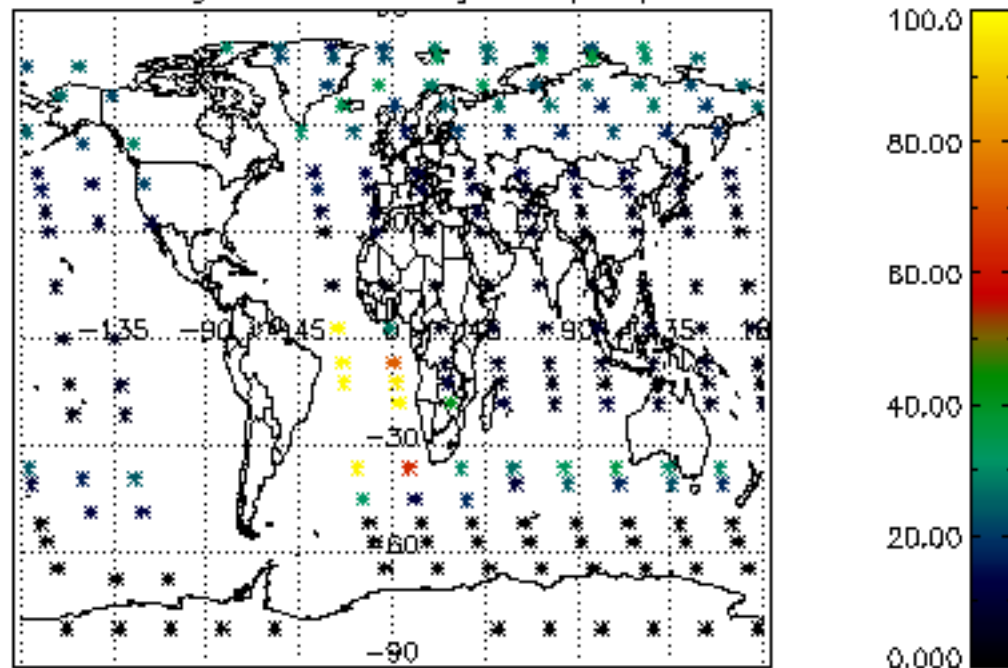
Percentage of flagged data per NO3 profile



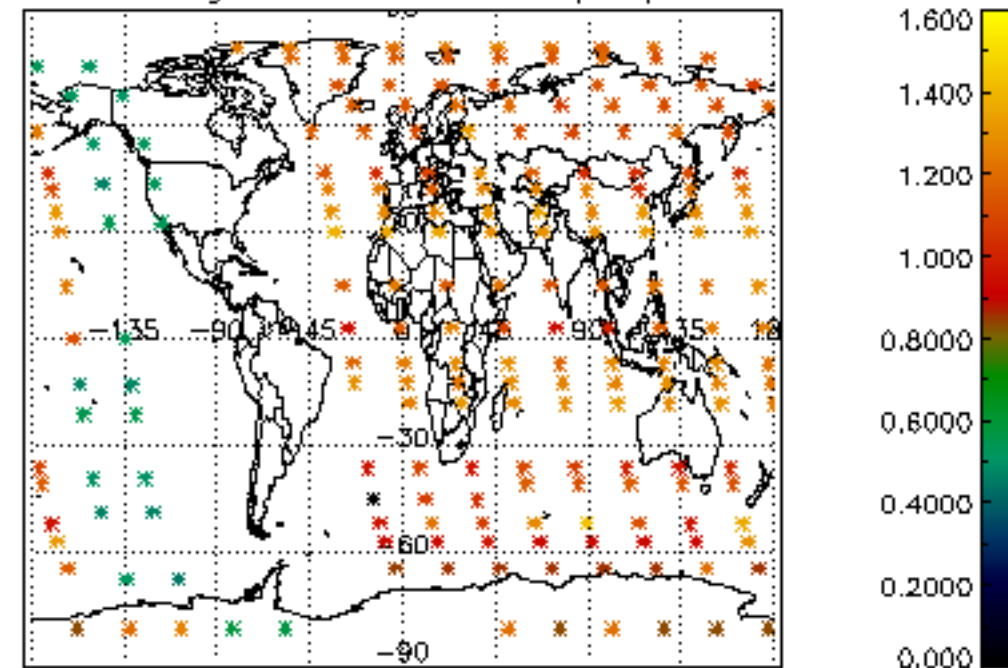




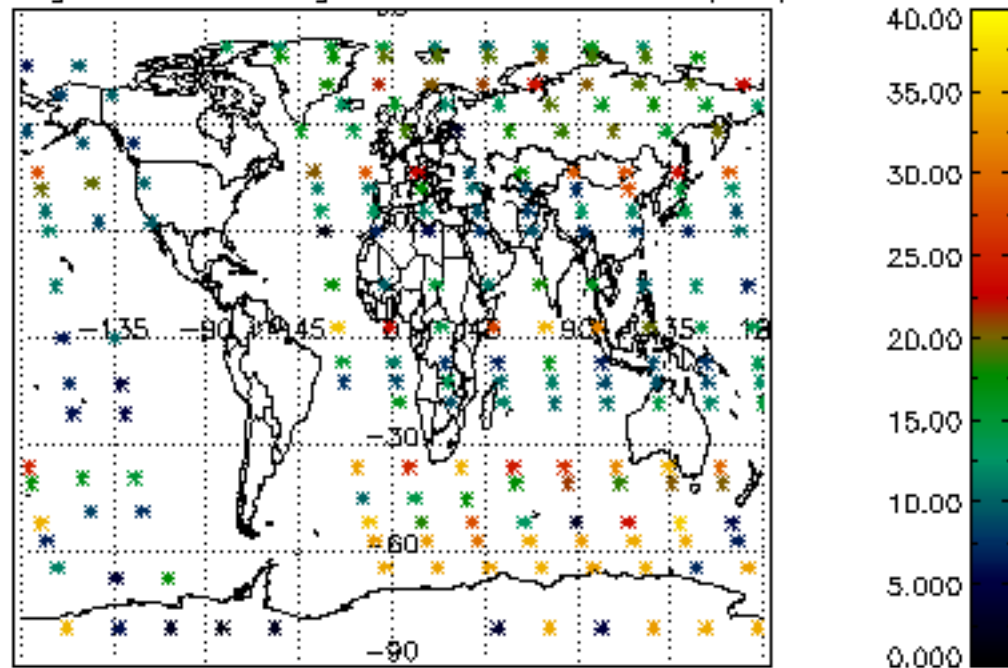
Percentage of cosmic ray hits per profile



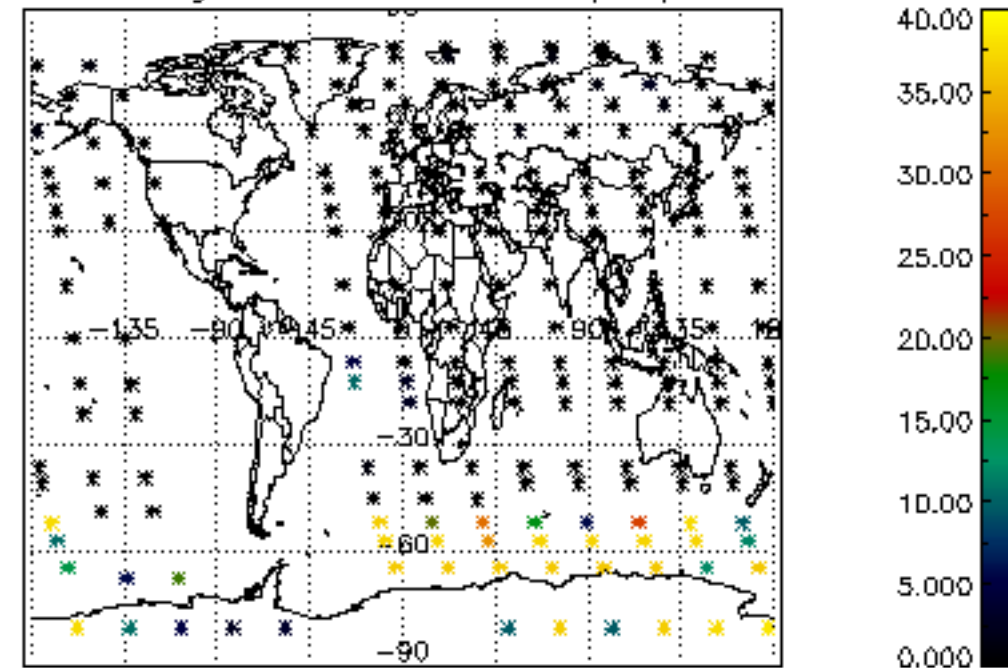
Percentage of datation errors per profile



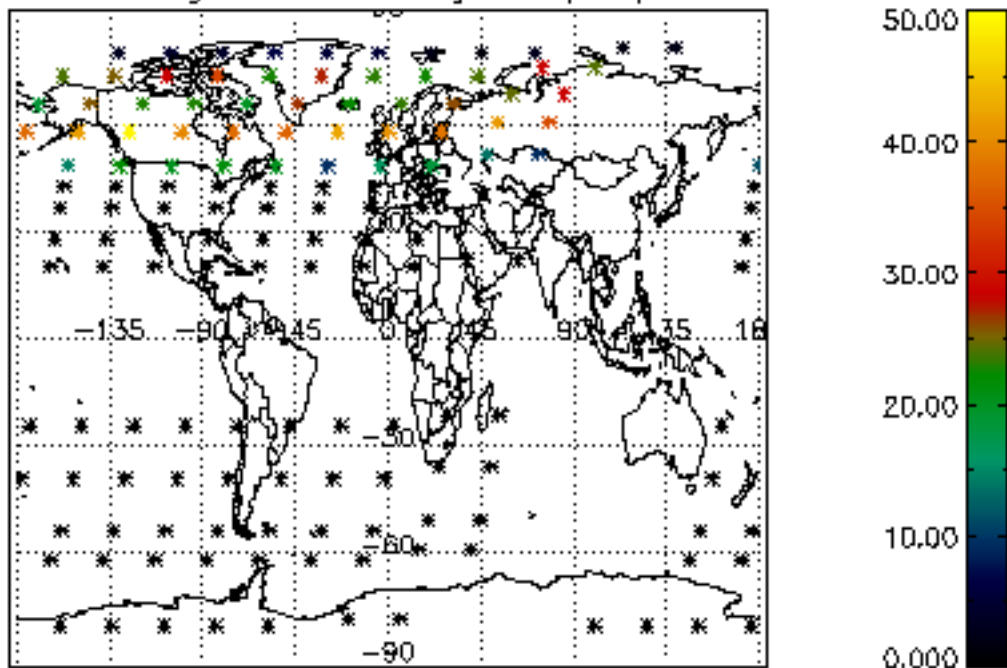
Percentage of star falling outside central band per profile



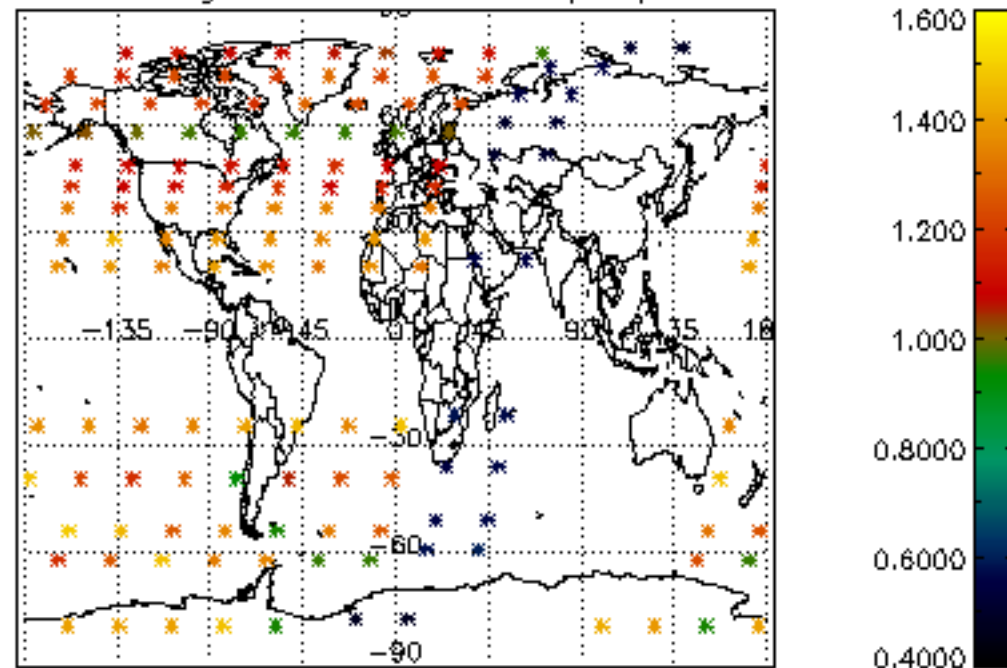
Percentage of saturation errors per profile



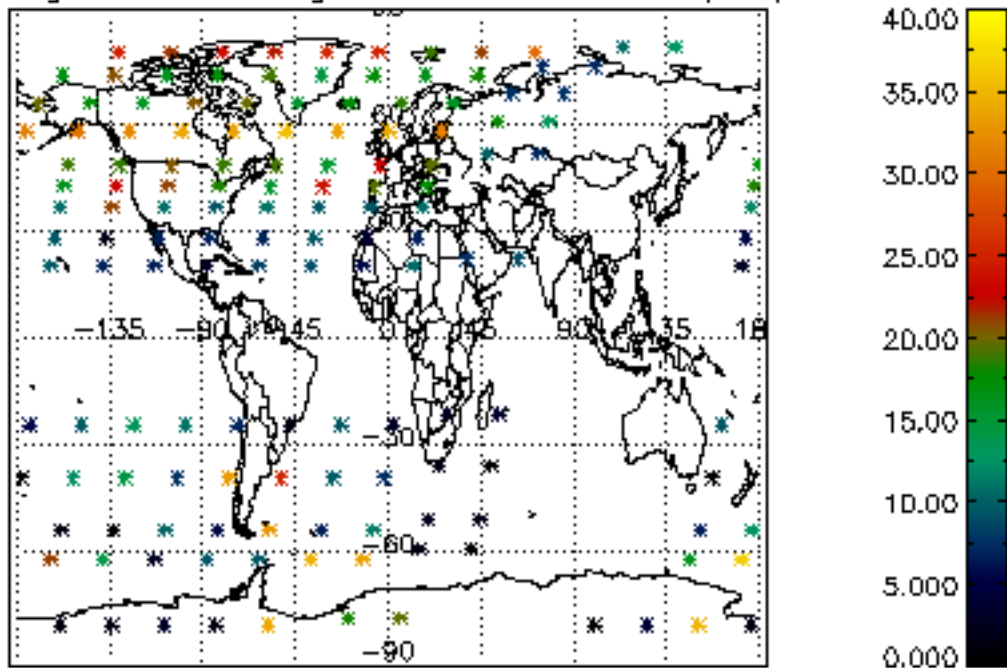
Percentage of cosmic ray hits per profile



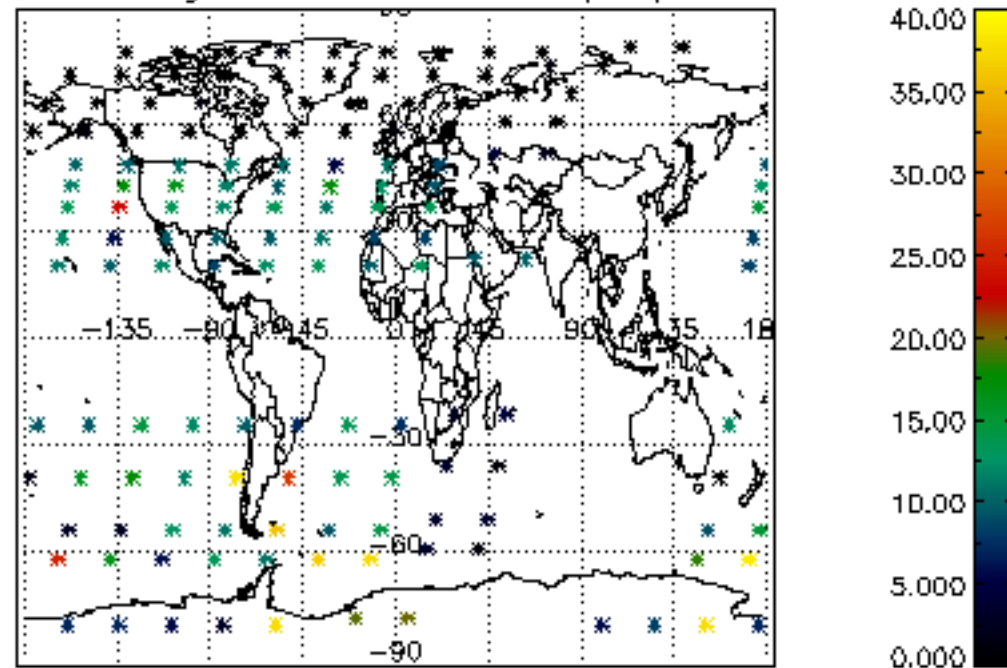
Percentage of datation errors per profile

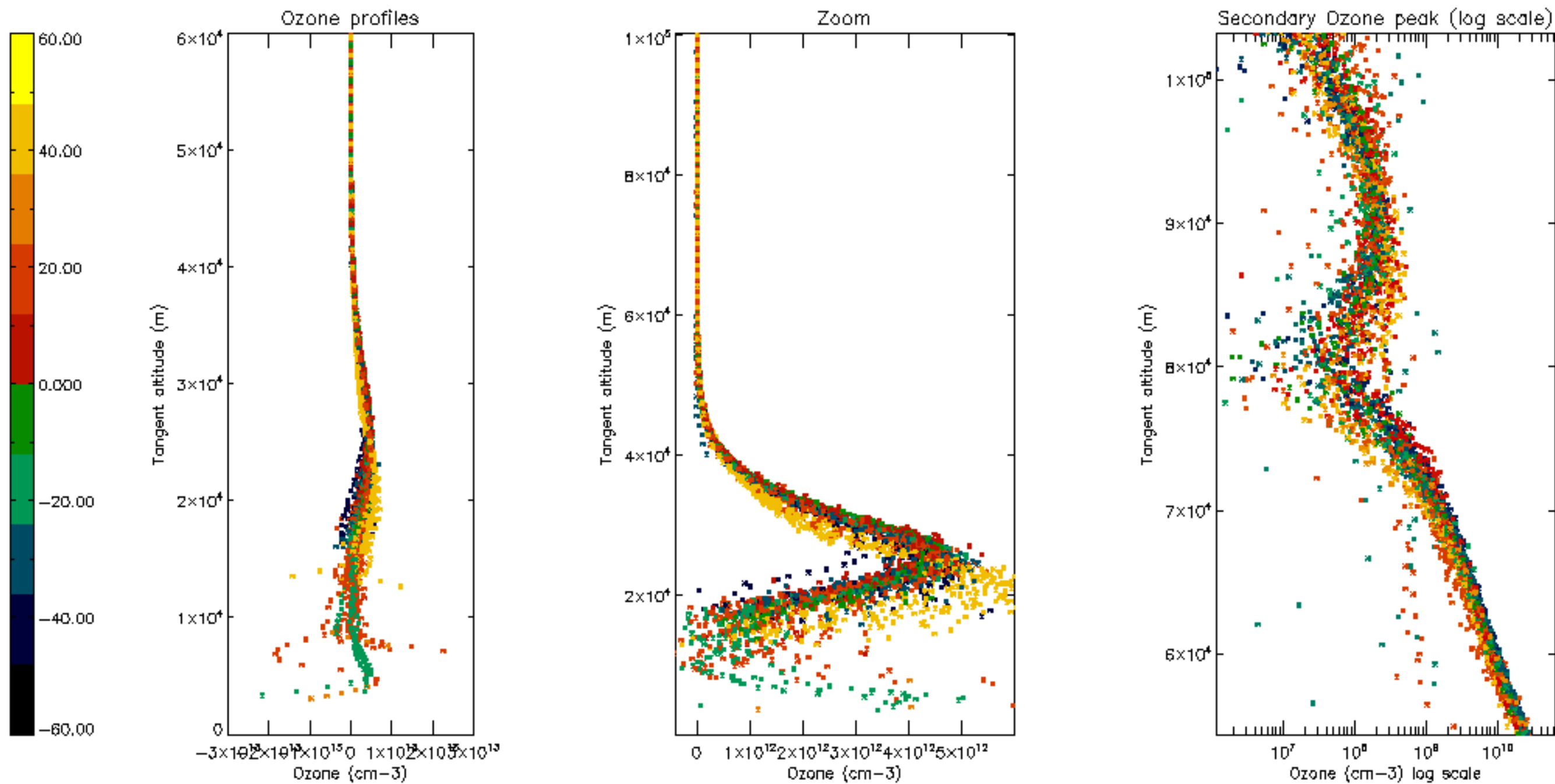


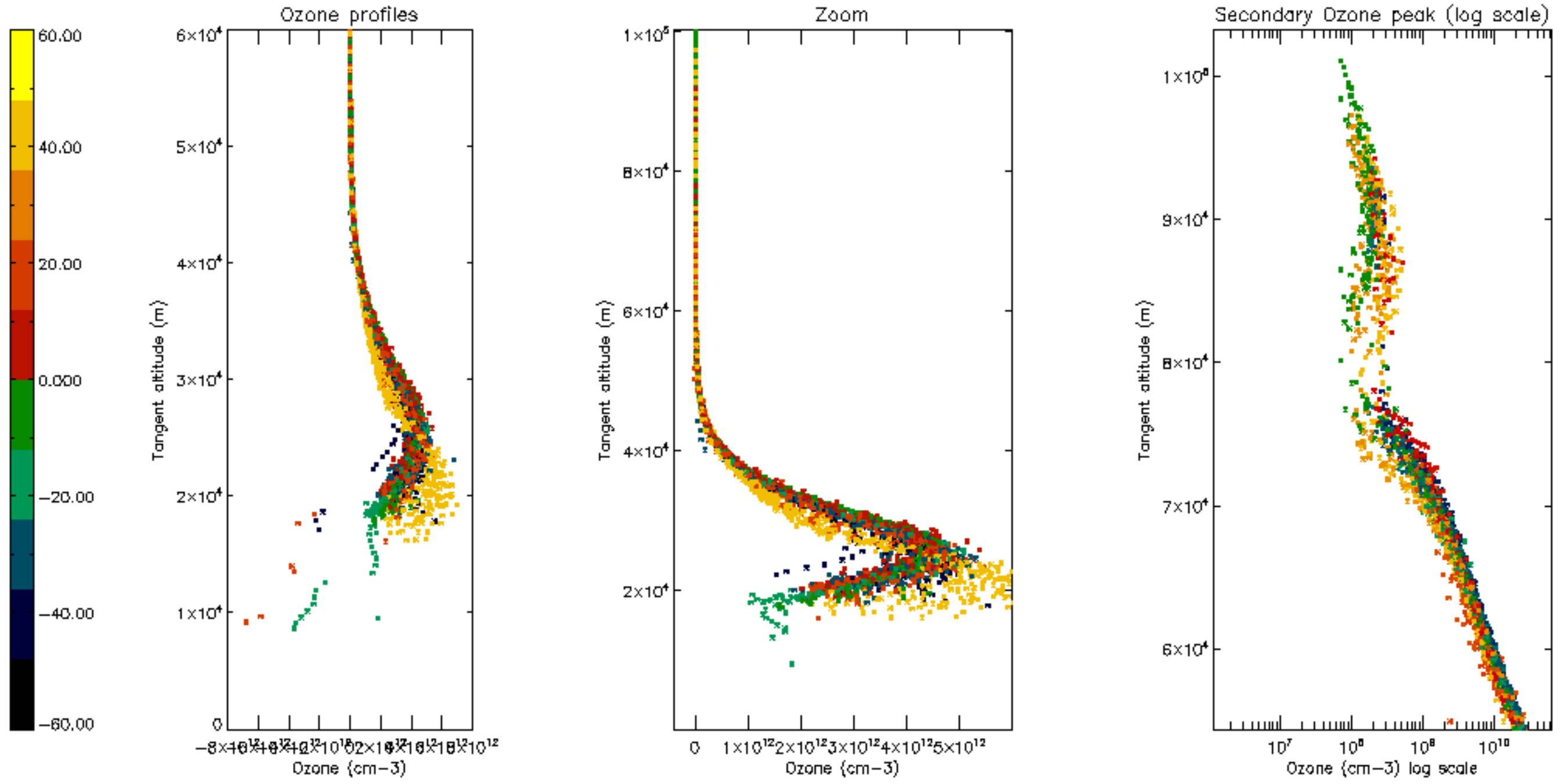
Percentage of star falling outside central band per profile

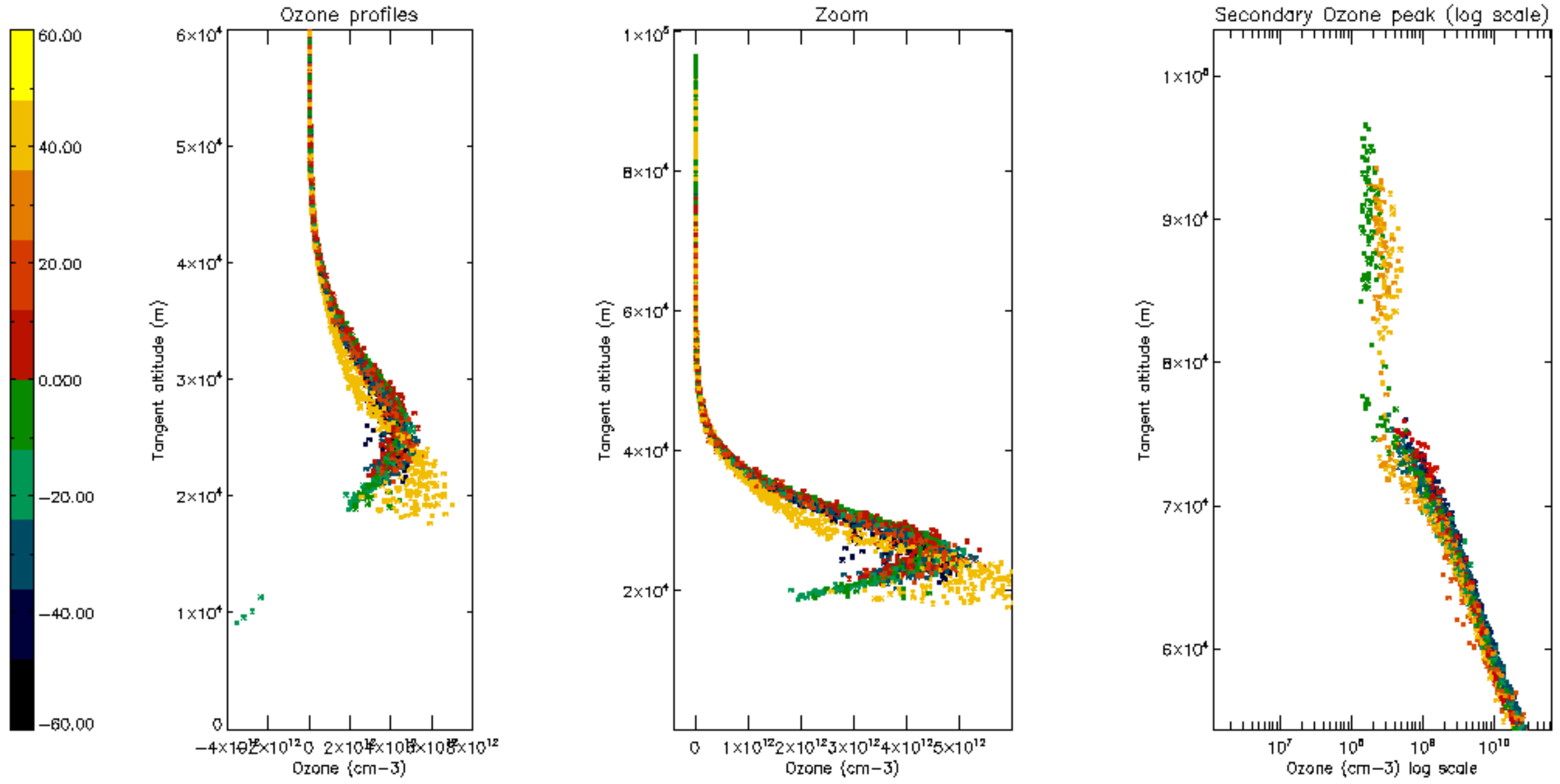


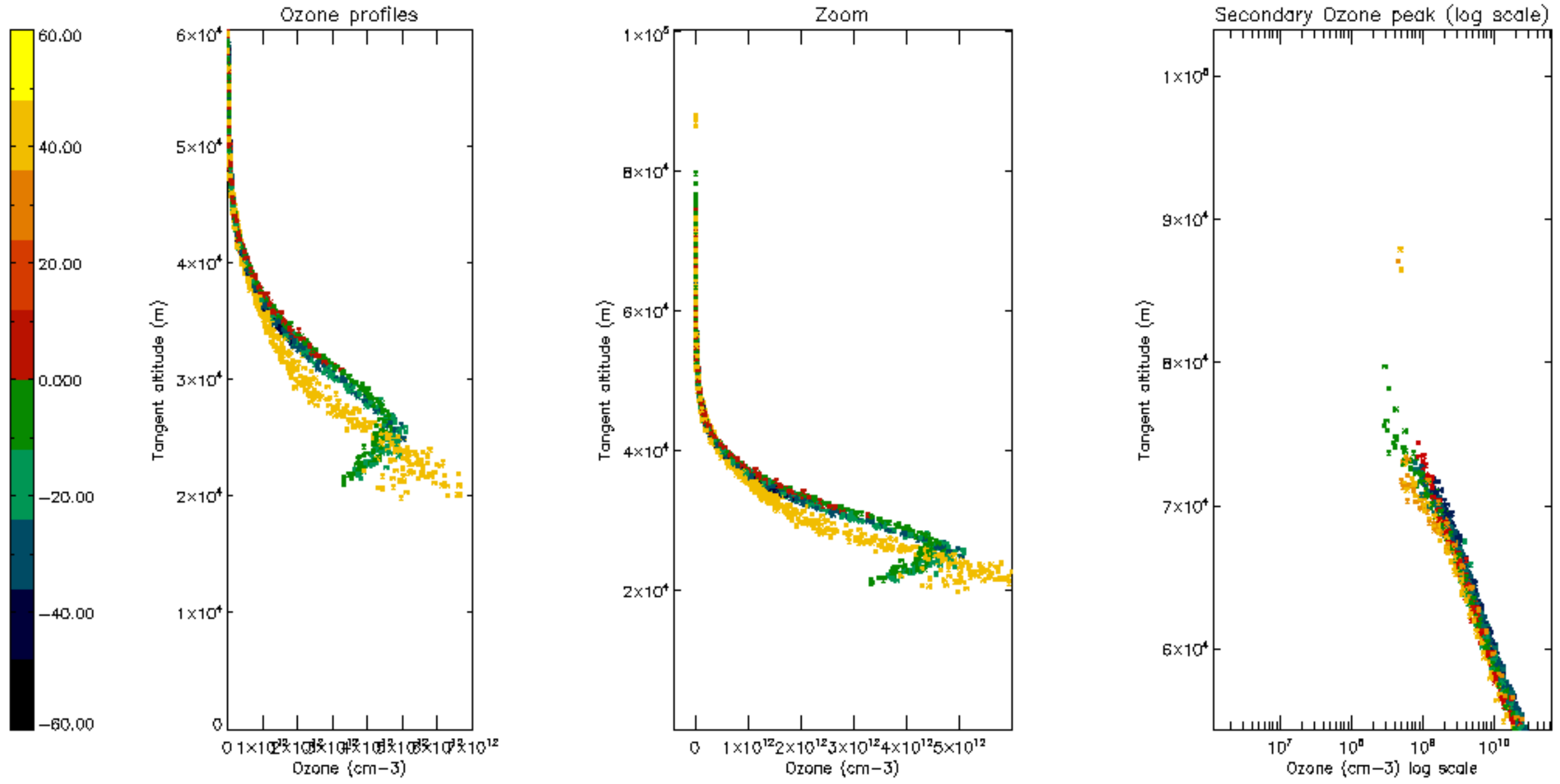
Percentage of saturation errors per profile

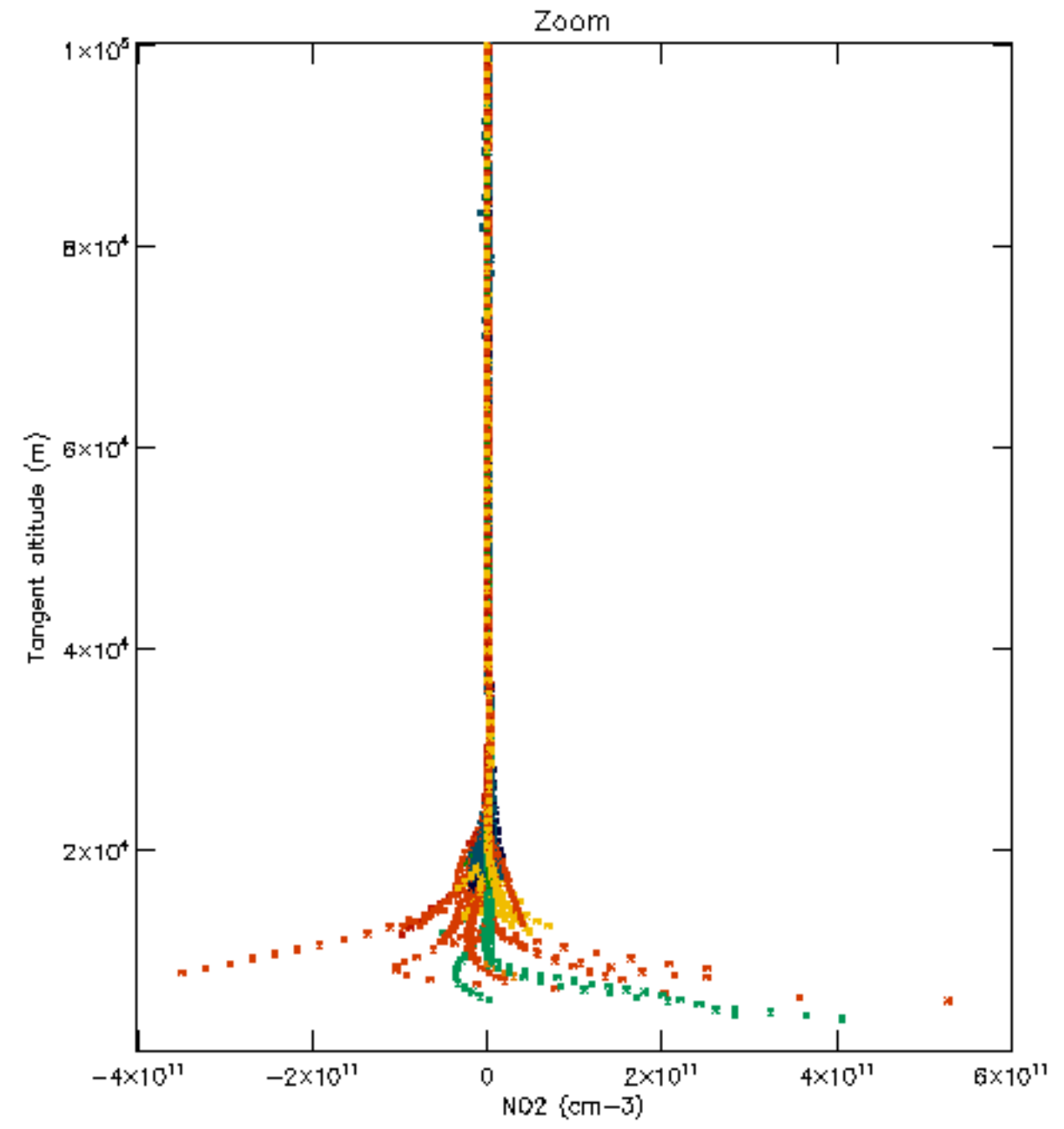
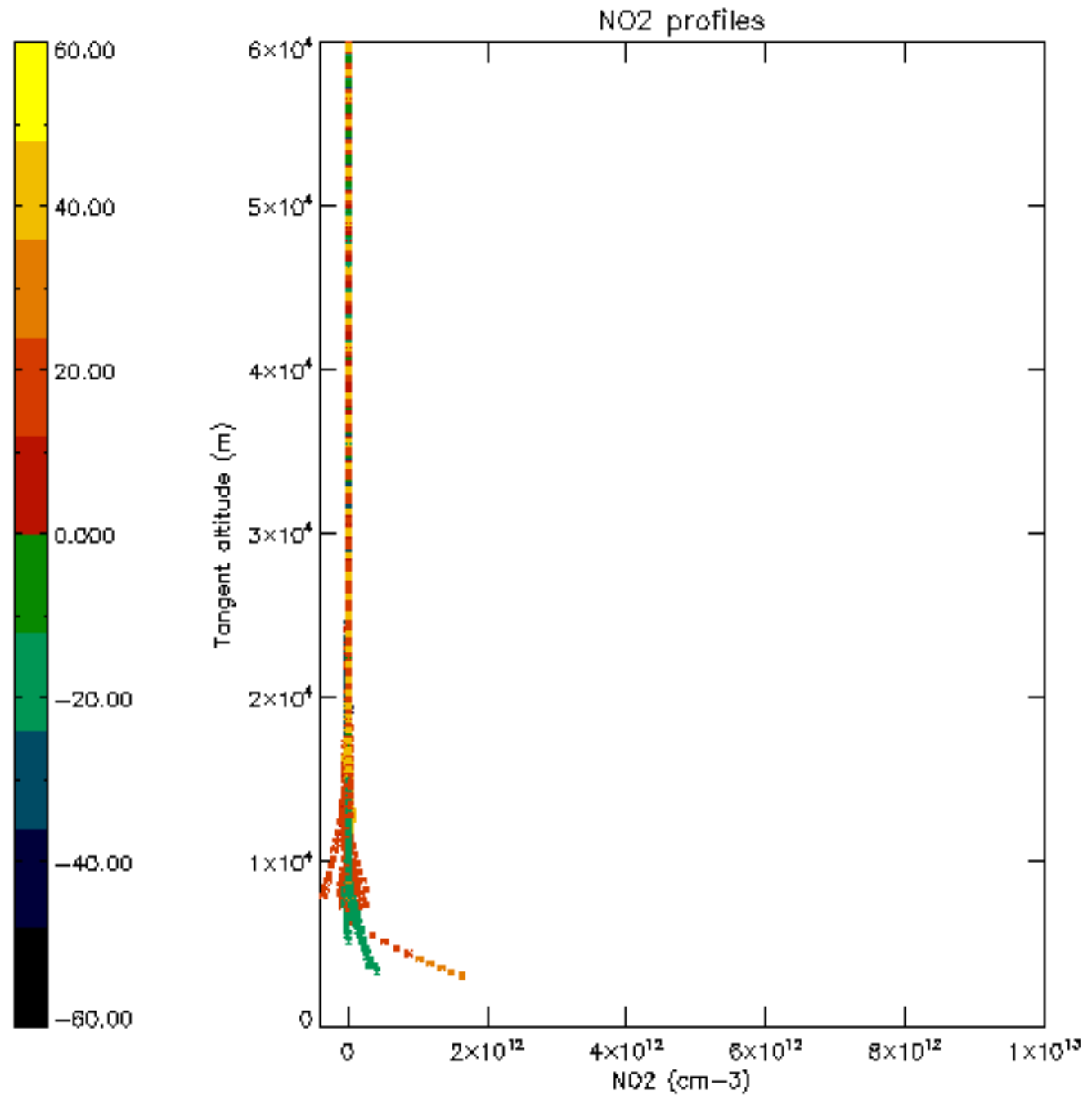


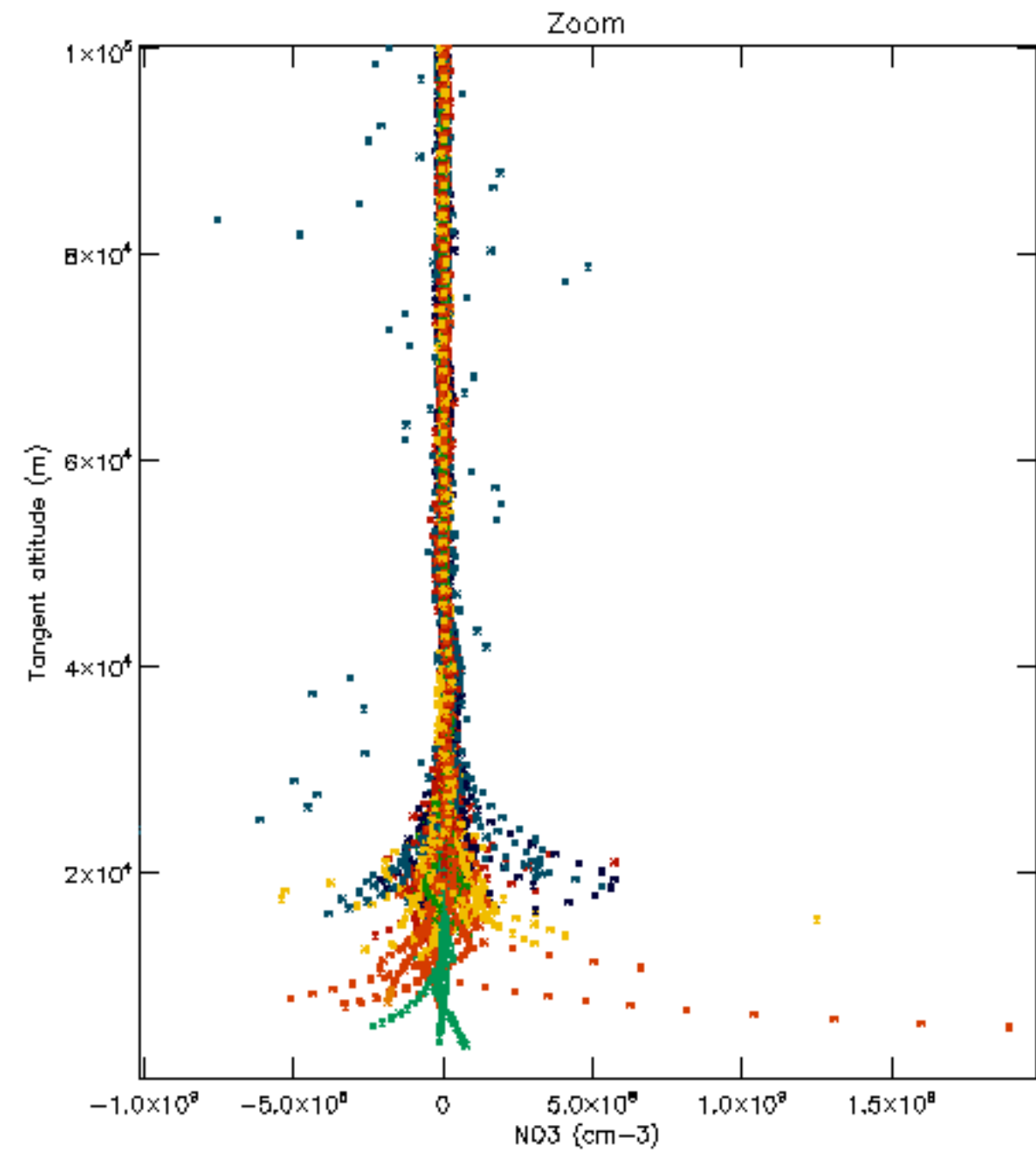
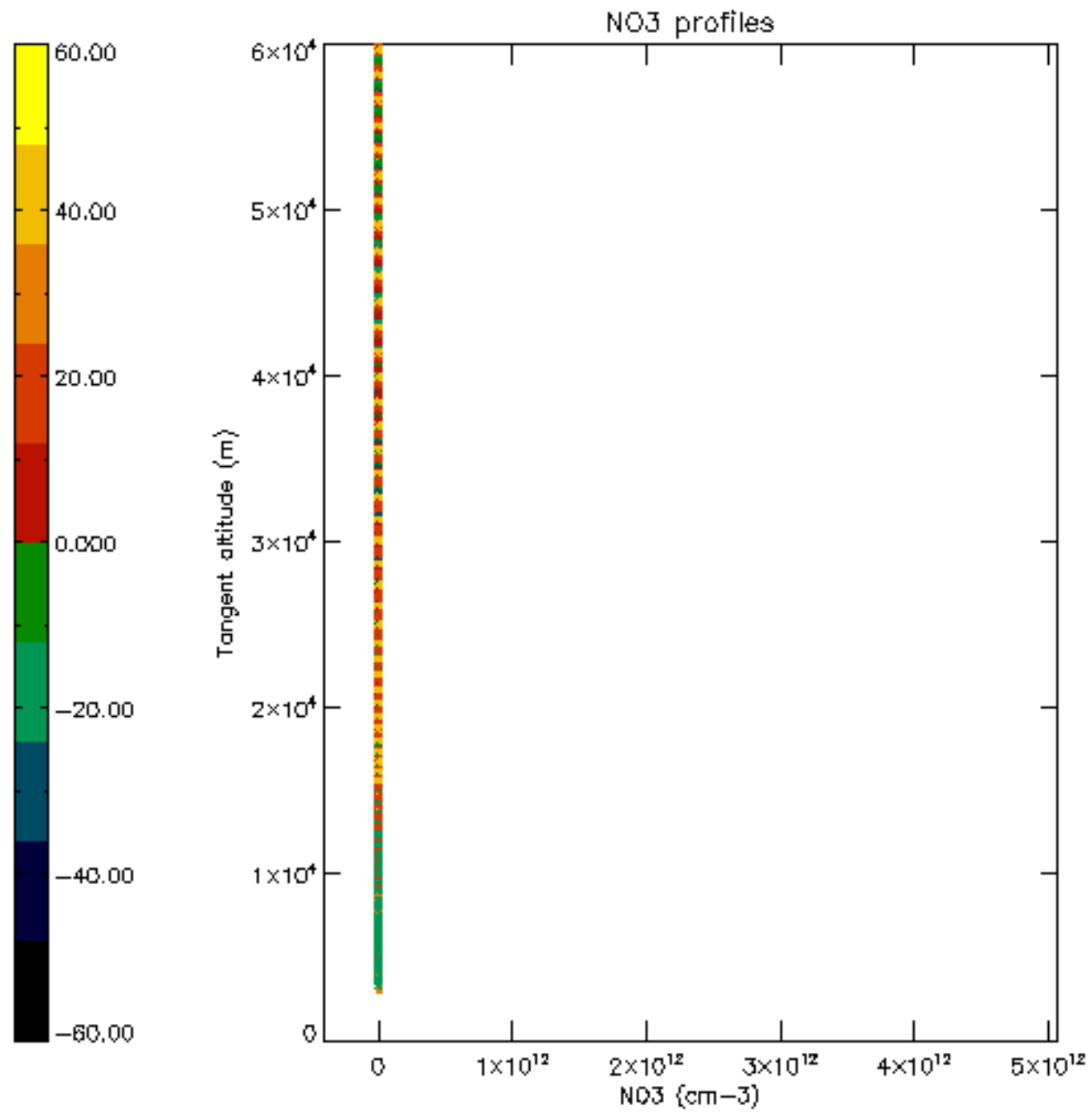


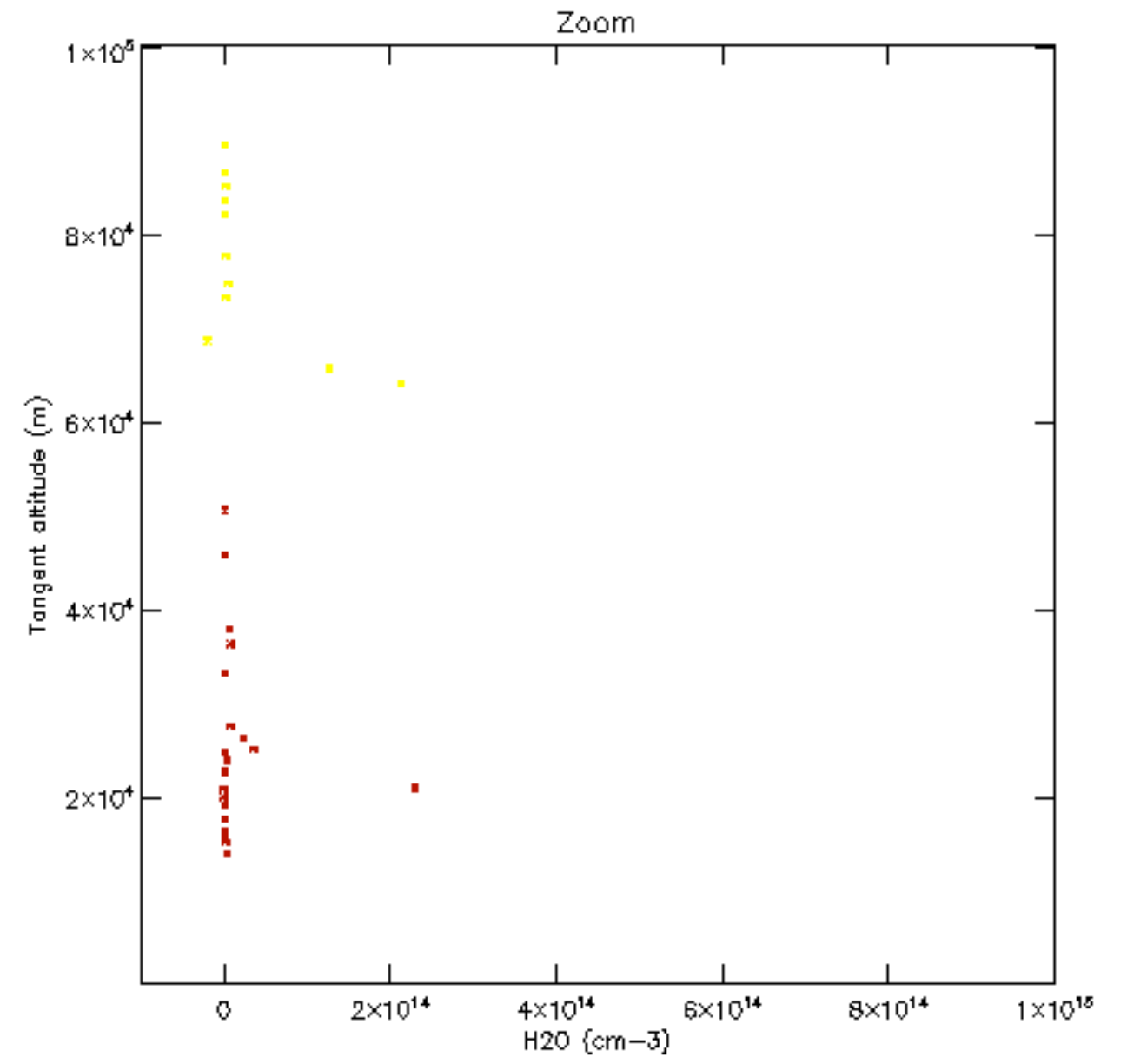
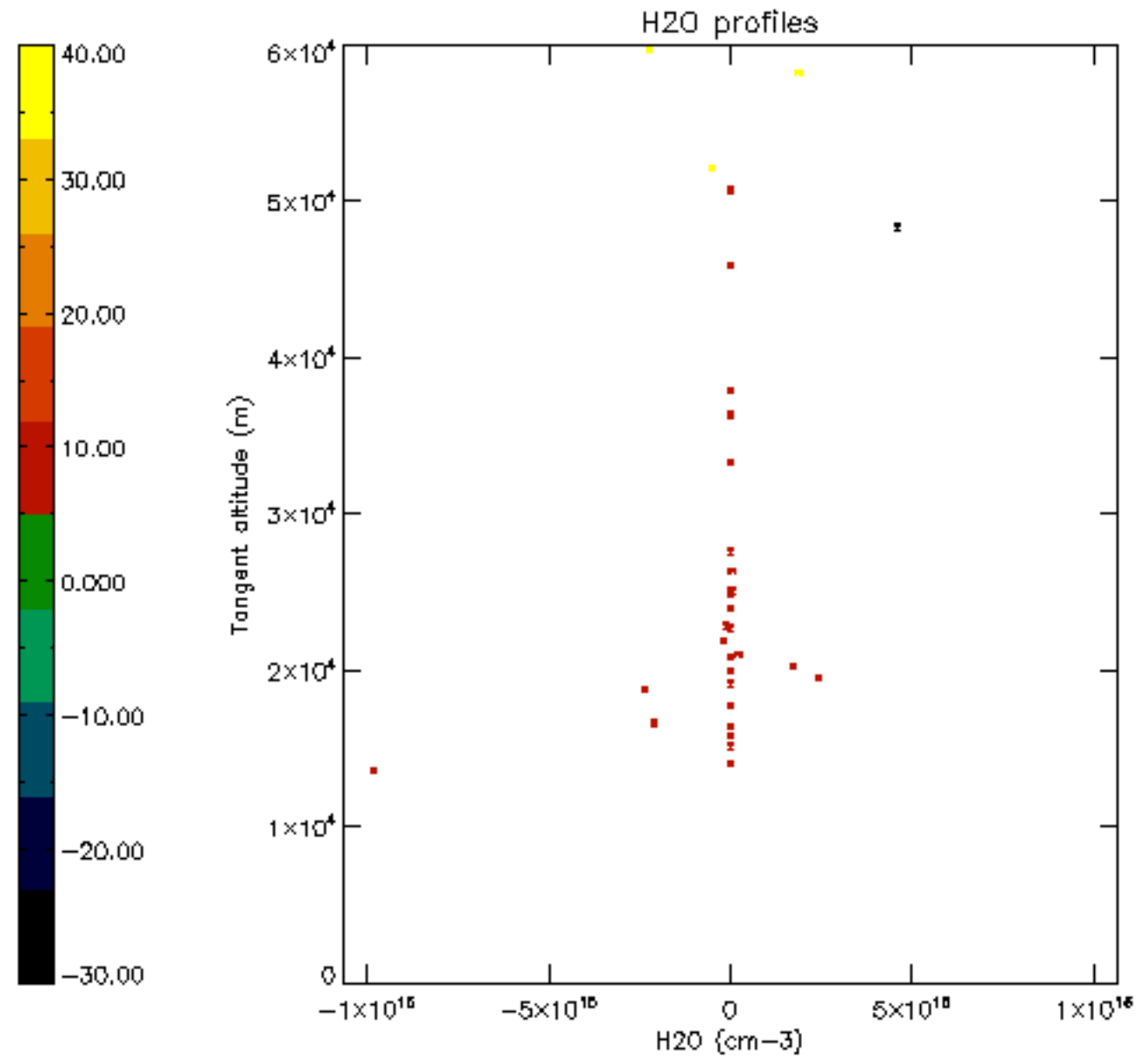


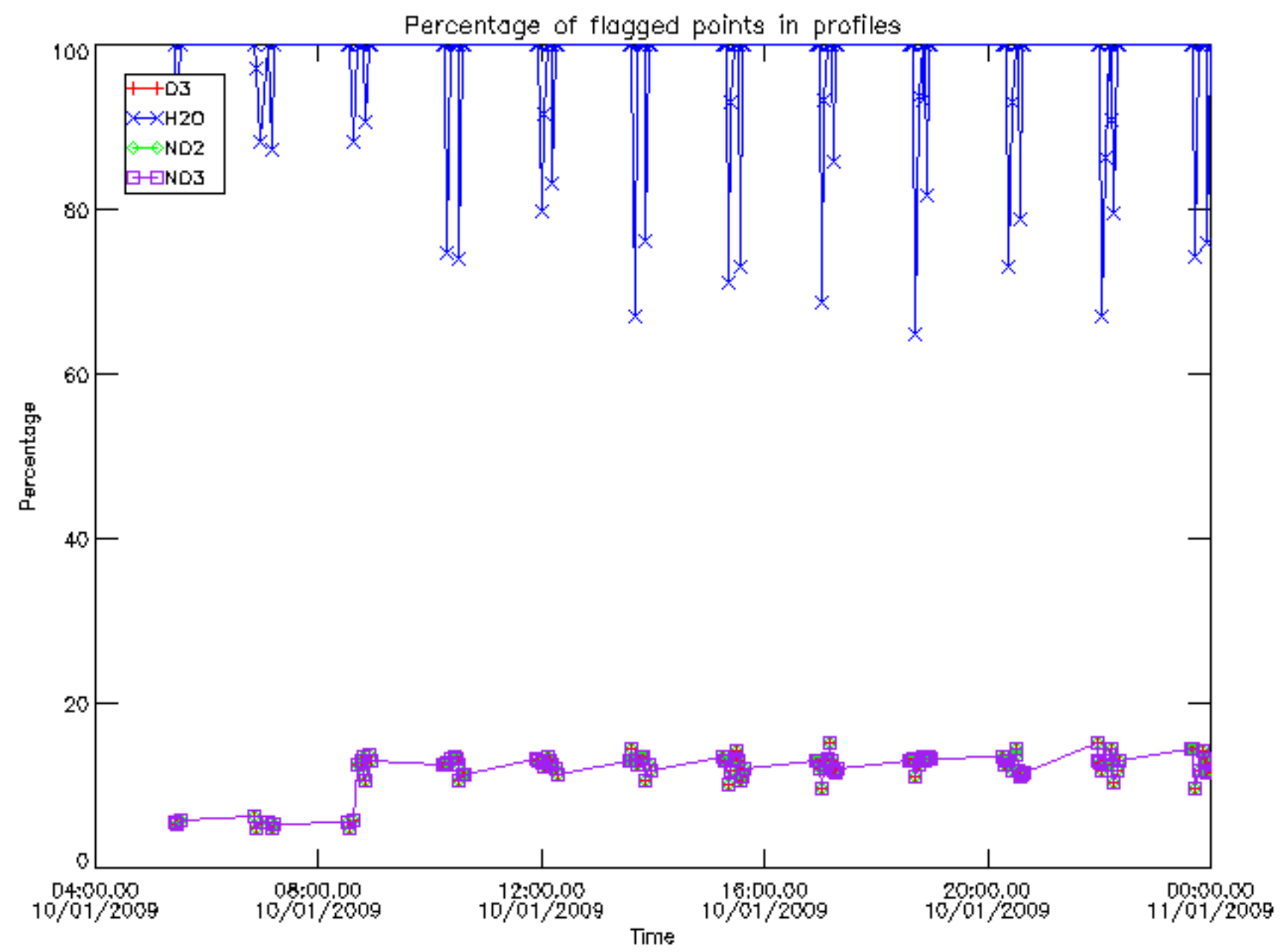




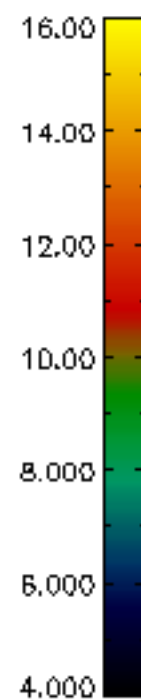
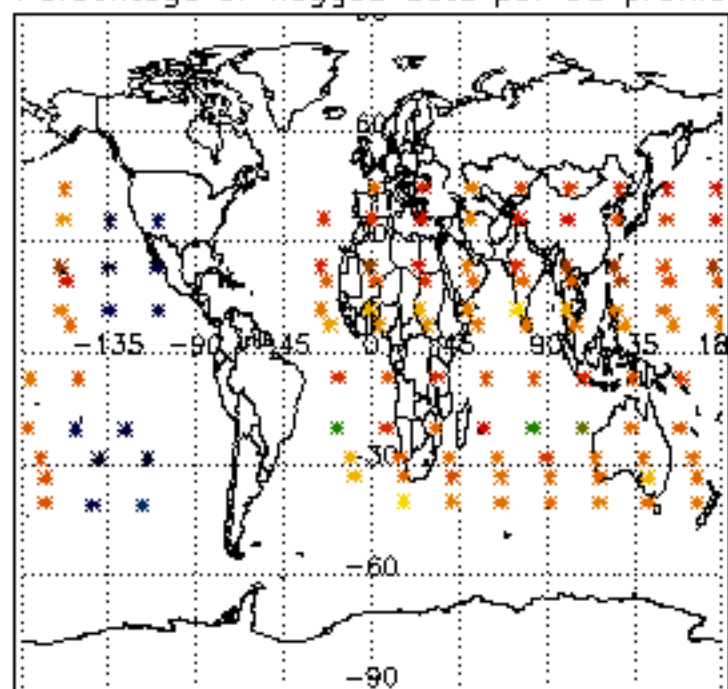




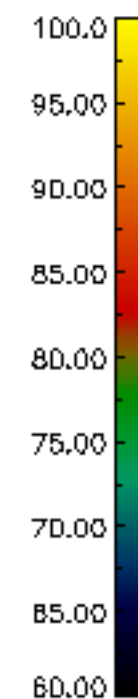
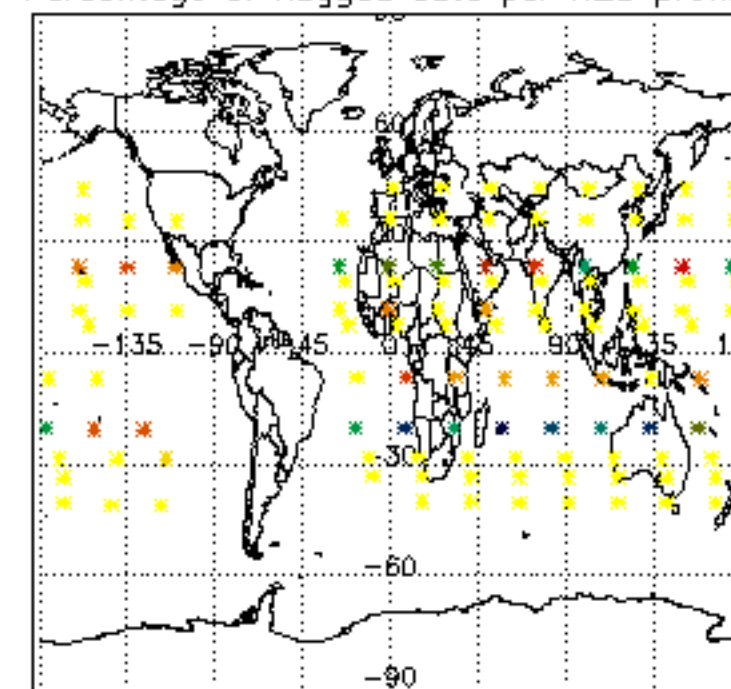




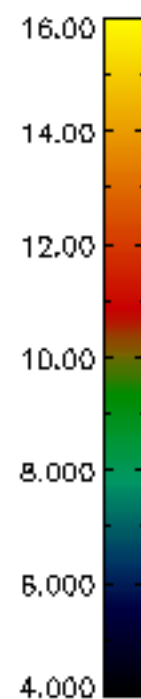
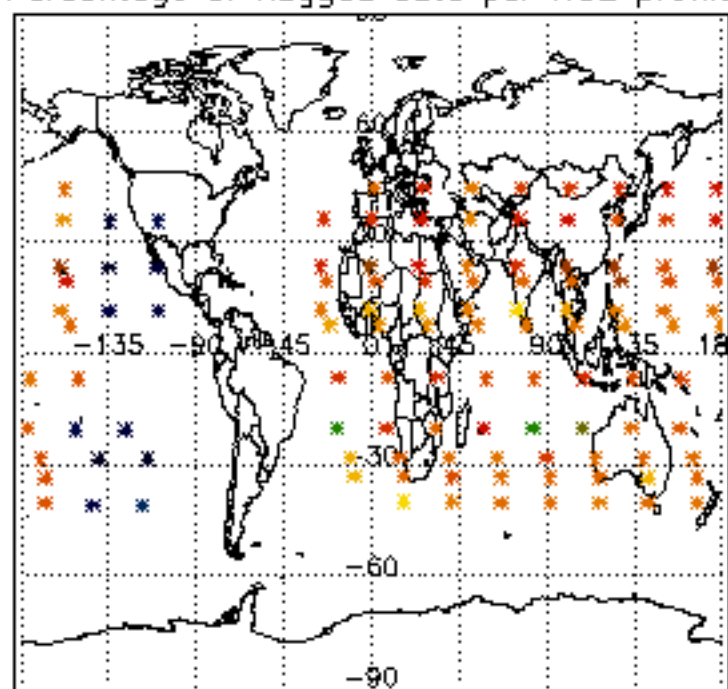
Percentage of flagged data per D3 profile



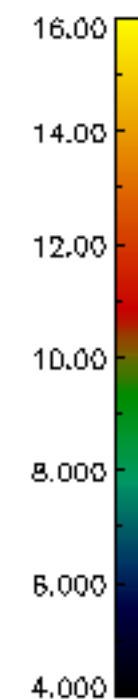
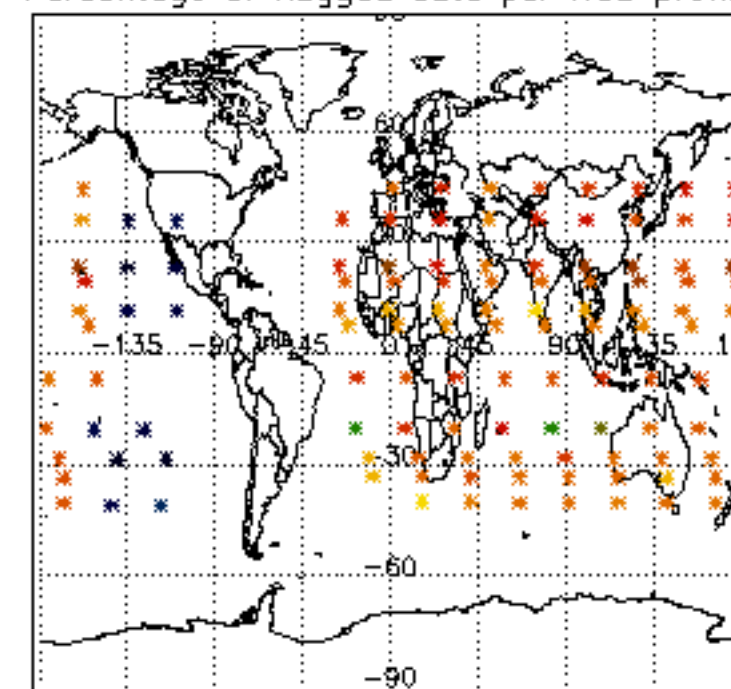
Percentage of flagged data per H2O profile

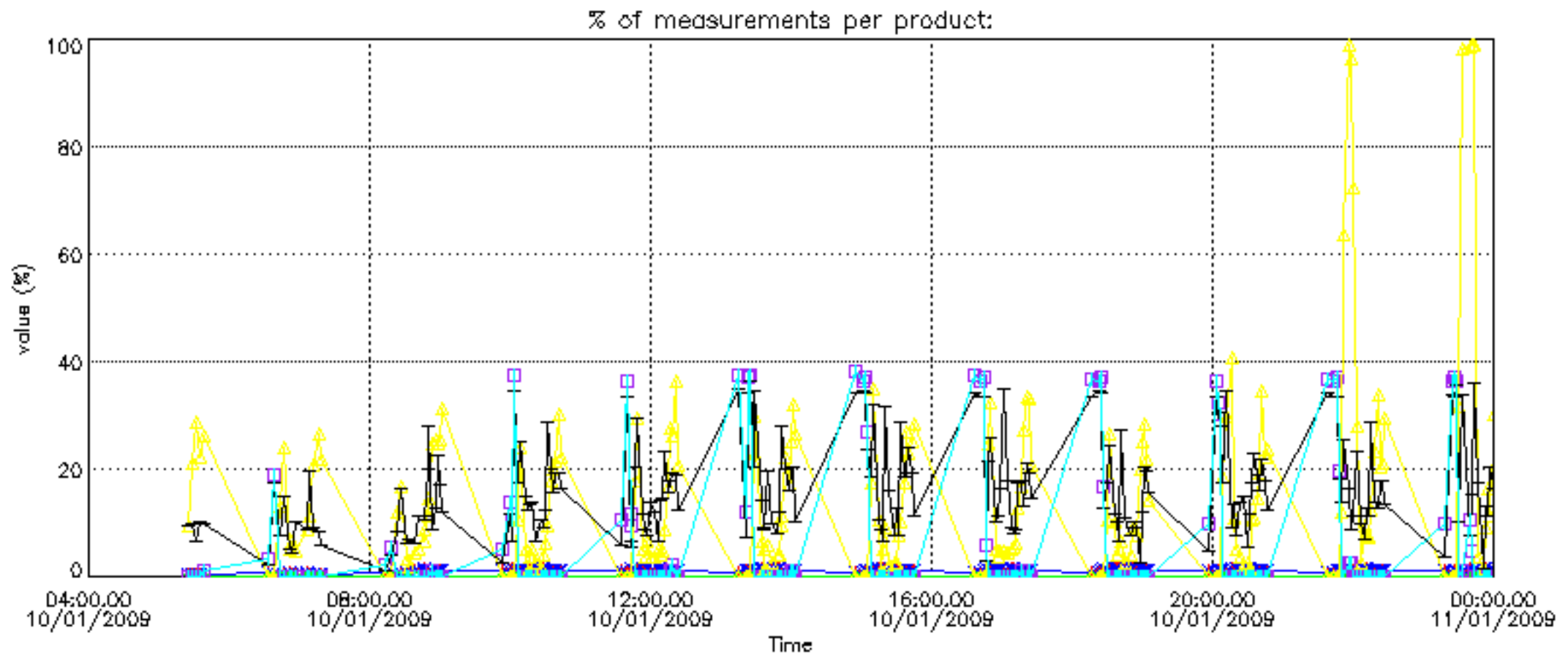


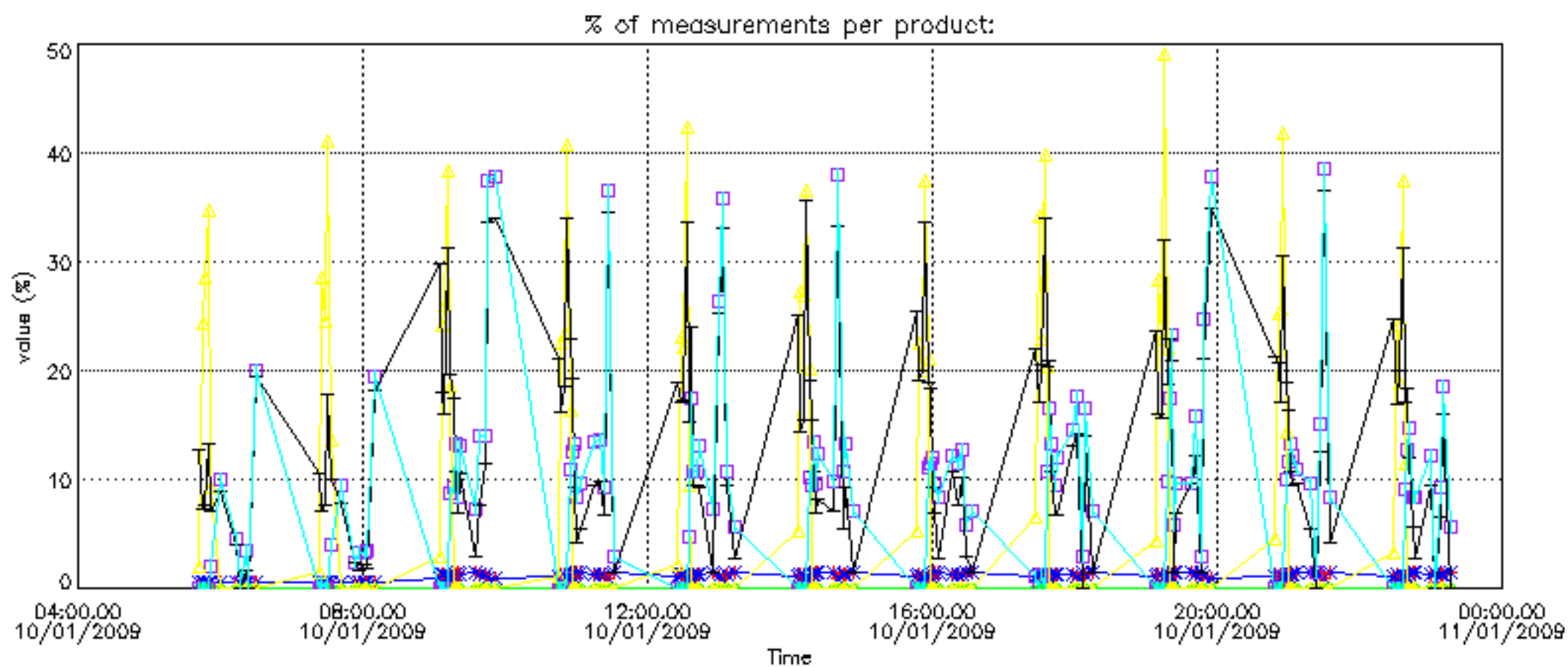
Percentage of flagged data per NO2 profile



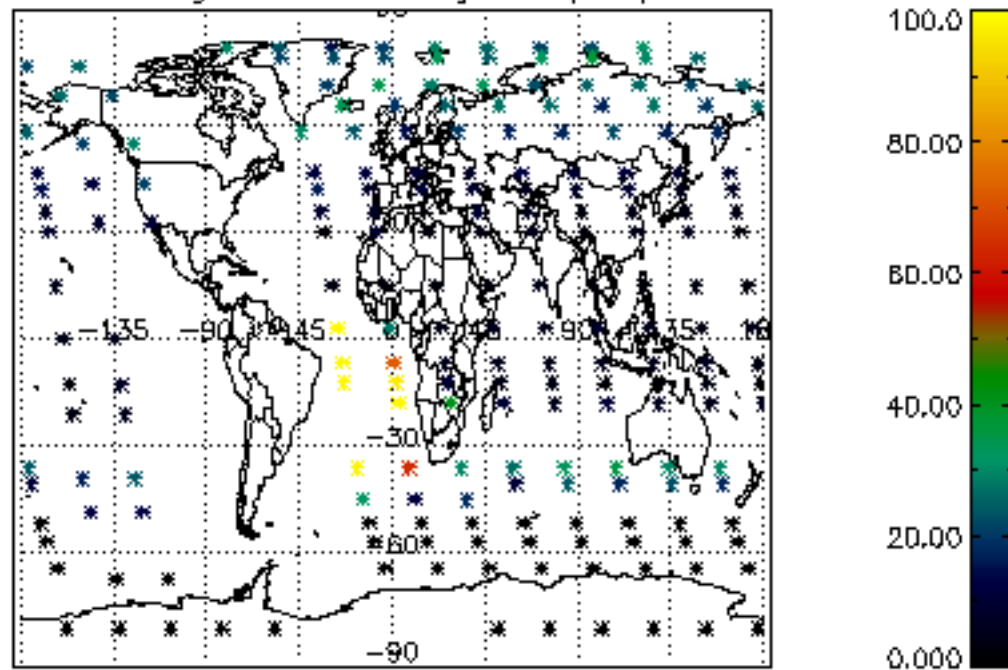
Percentage of flagged data per NO3 profile



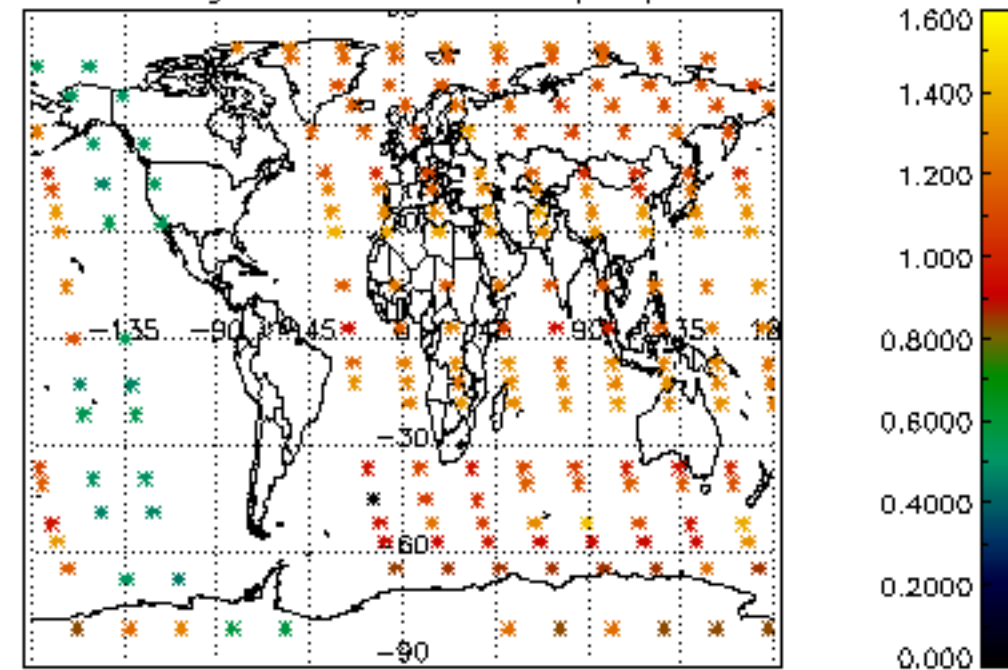




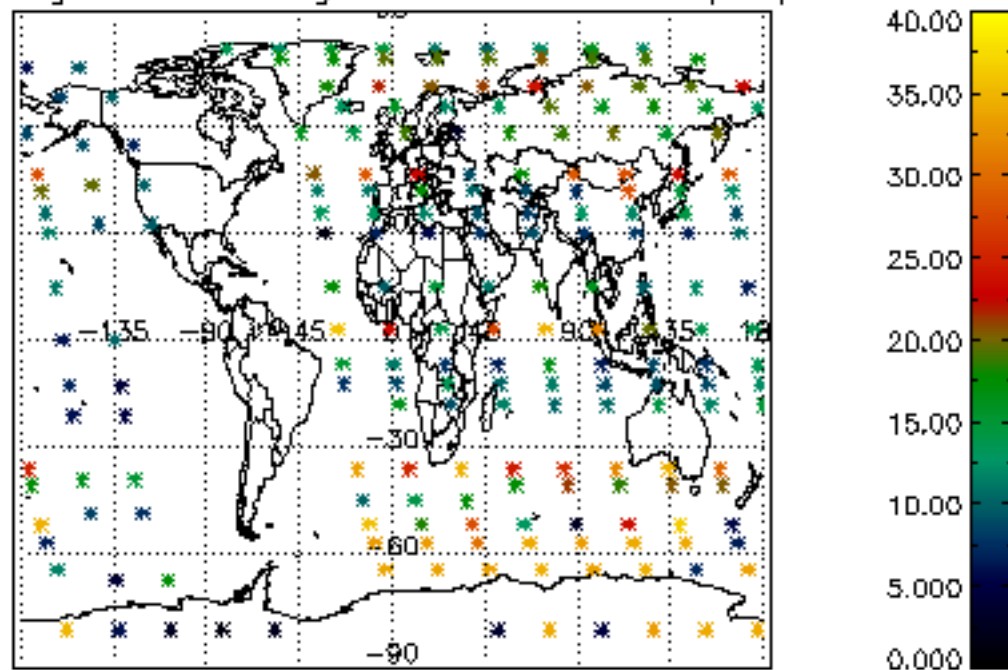
Percentage of cosmic ray hits per profile



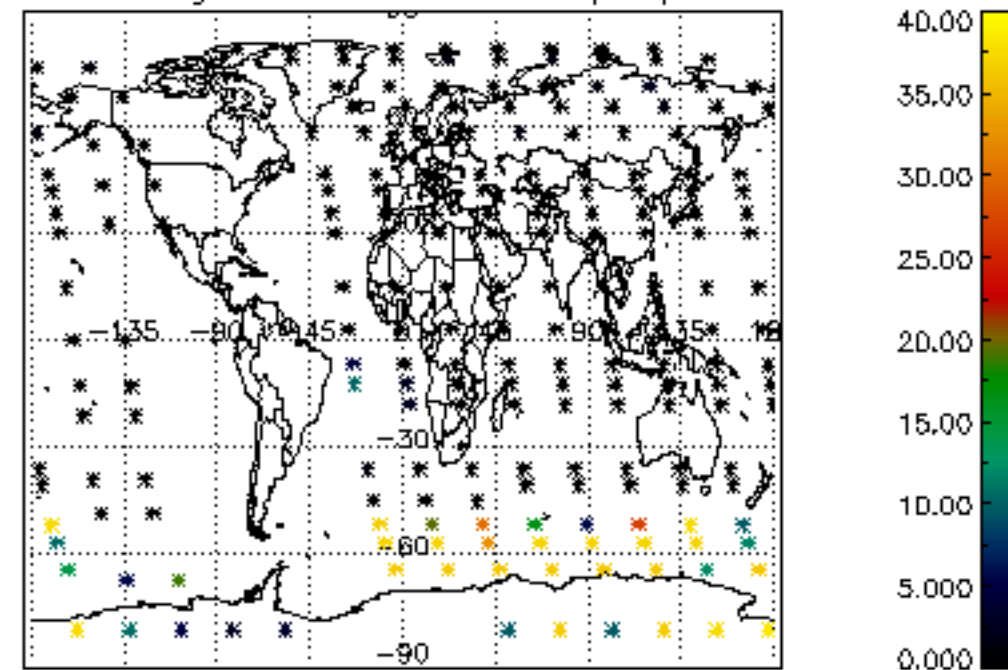
Percentage of datation errors per profile



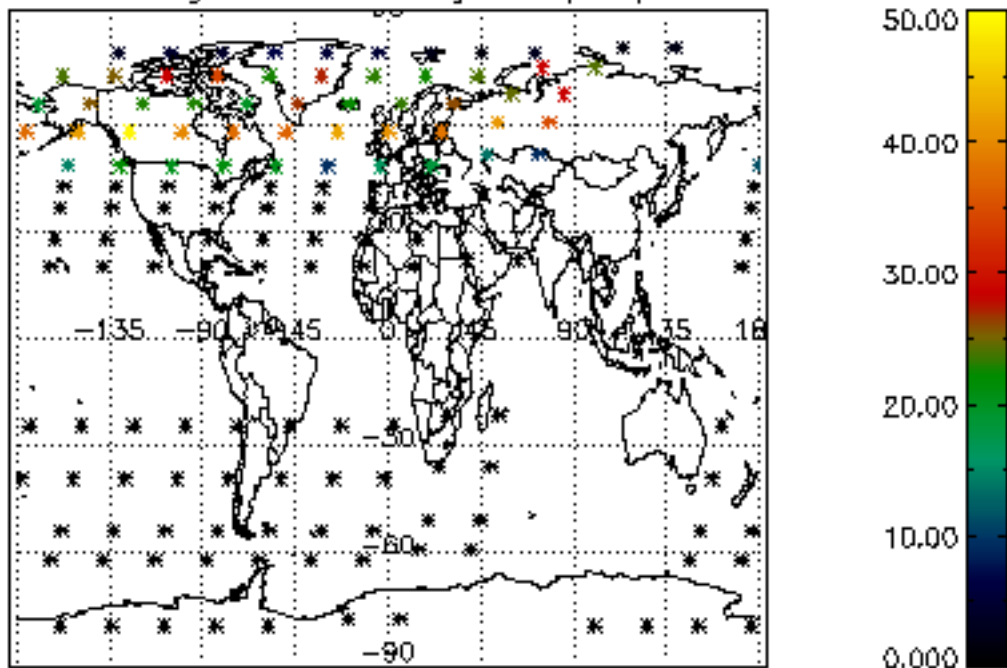
Percentage of star falling outside central band per profile



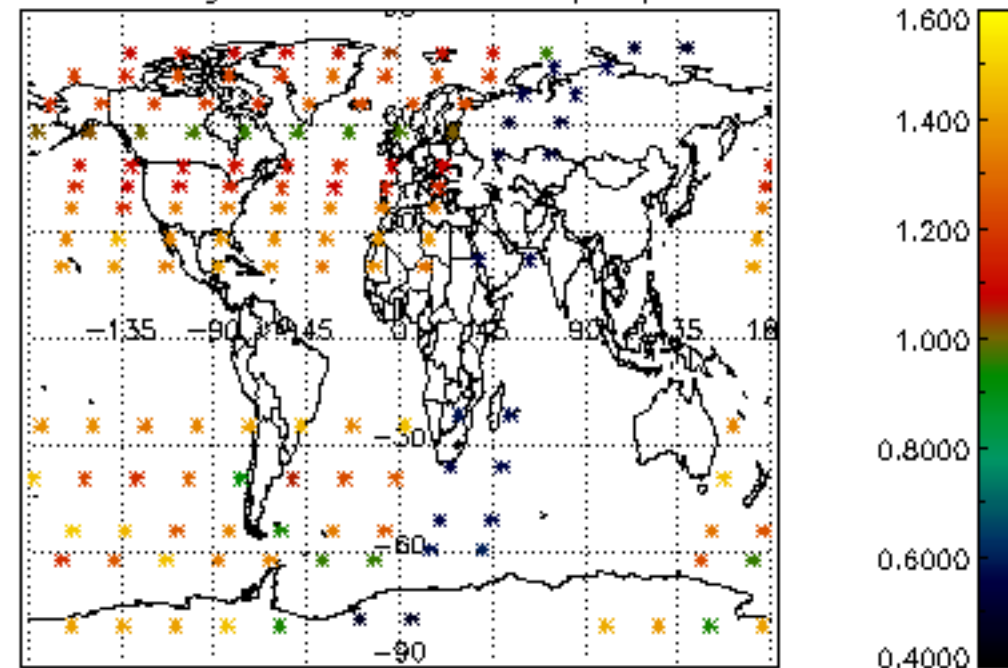
Percentage of saturation errors per profile



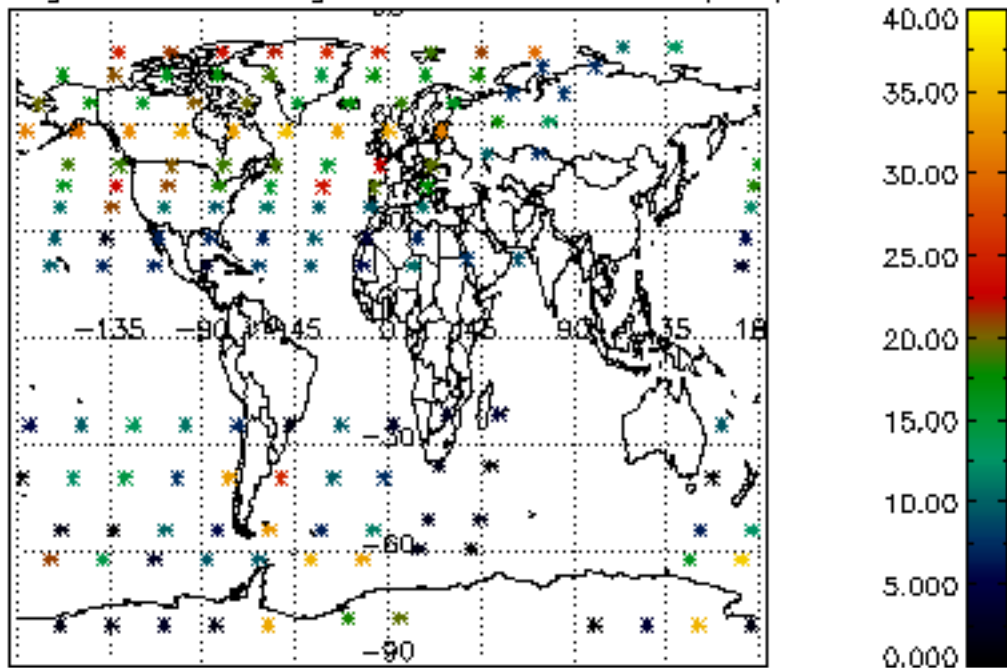
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

