

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	26APR2013 11:43:55
Data source version	GOMOS/6.01
Start time of products	12-08-2009 (12AUG2009 00:00:00)
Stop time of products	13-08-2009 (13AUG2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	322
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__2PRFIN20090812_000112_000000542081_00317_38948_7579.N1	12-AUG-2009 00:01:12	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	38948	No
2	GOM_NL__2PRFIN20090812_000908_000000572081_00317_38948_7580.N1	12-AUG-2009 00:09:08	Twilight_stray	56.500	18	24Alp PsA	1.1660	9700.0	113	38948	No
3	GOM_NL__2PRFIN20090812_001509_000000452081_00317_38948_7581.N1	12-AUG-2009 00:15:09	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	38948	No
4	GOM_NL__2PRFIN20090812_001845_000000602081_00317_38948_7582.N1	12-AUG-2009 00:18:45	Bright	59.500	154	22Bet Aqr	2.8990	5700.0	119	38948	No
5	GOM_NL__2PRFIN20090812_002102_000000512081_00317_38948_7583.N1	12-AUG-2009 00:21:02	Bright	51.000	162	34Alp Aqr	2.9440	5350.0	102	38948	No
6	GOM_NL__2PRFIN20090812_002418_000000482081_00317_38948_7584.N1	12-AUG-2009 00:24:18	Bright	47.500	61	8Eps Peg	2.1000	3900.0	95	38948	No
7	GOM_NL__2PRFIN20090812_003040_000000372081_00317_38948_7585.N1	12-AUG-2009 00:30:40	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	38948	No
8	GOM_NL__2PRFIN20090812_003352_000000362081_00317_38948_7586.N1	12-AUG-2009 00:33:52	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	38948	No
9	GOM_NL__2PRFIN20090812_003916_000000392081_00317_38948_7587.N1	12-AUG-2009 00:39:16	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38948	No
10	GOM_NL__2PRFIN20090812_004435_000000462081_00317_38948_7588.N1	12-AUG-2009 00:44:35	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	38948	No
11	GOM_NL__2PRFIN20090812_004646_000000512081_00317_38948_7589.N1	12-AUG-2009 00:46:46	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38948	No
12	GOM_NL__2PRFIN20090812_005352_000000522081_00317_38948_7590.N1	12-AUG-2009 00:53:52	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	38948	No
13	GOM_NL__2PRFIN20090812_005546_000000382081_00317_38948_7591.N1	12-AUG-2009 00:55:46	Bright	38.000	35	33Alp Per	1.7950	6250.0	76	38948	No
14	GOM_NL__2PRFIN20090812_005701_000000752081_00317_38948_7592.N1	12-AUG-2009 00:57:01	Bright	75.000	175	39Del Per	3.0100	19400.	150	38948	No
15	GOM_NL__2PRFIN20090812_010425_000000512081_00317_38948_7593.N1	12-AUG-2009 01:04:25	Twilight_stray	50.500	28	12Bet Tau	1.6500	15200.	101	38948	No
16	GOM_NL__2PRFIN20090812_010640_000000452081_00317_38948_7594.N1	12-AUG-2009 01:06:40	Twilight_stray	45.000	176	23Zet Tau	3.0200	22000.	90	38948	No
17	GOM_NL__2PRFIN20090812_010948_000000782081_00317_38948_7595.N1	12-AUG-2009 01:09:48	Dark	78.000	13	87Alp Tau	0.86700	3800.0	156	38948	No
18	GOM_NL__2PRFIN20090812_011138_000000502081_00317_38948_7596.N1	12-AUG-2009 01:11:38	Dark	50.000	27	24Gam Ori	1.6360	26000.	100	38948	No
19	GOM_NL__2PRFIN20090812_011334_000000472081_00317_38948_7597.N1	12-AUG-2009 01:13:34	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	38948	No
20	GOM_NL__2PRFIN20090812_011457_000000452081_00317_38948_7598.N1	12-AUG-2009 01:14:57	Dark	45.000	125	44Iot Ori	2.7700	30000.	90	38948	No
21	GOM_NL__2PRFIN20090812_011623_000000522081_00317_38948_7599.N1	12-AUG-2009 01:16:23	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	38948	No
22	GOM_NL__2PRFIN20090812_012237_000000622081_00317_38948_7600.N1	12-AUG-2009 01:22:37	Dark	62.000	165	34Gam Eri	2.9500	3200.0	124	38948	No
23	GOM_NL__2PRFIN20090812_013141_000000502081_00318_38949_7594.N1	12-AUG-2009 01:31:41	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38949	No
24	GOM_NL__2PRFIN20090812_014149_000000562081_00318_38949_7595.N1	12-AUG-2009 01:41:49	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	38949	No
25	GOM_NL__2PRFIN20090812_014944_000000542081_00318_38949_7596.N1	12-AUG-2009 01:49:44	Twilight_stray	54.000	18	24Alp PsA	1.1660	9700.0	108	38949	No
26	GOM_NL__2PRFIN20090812_015544_000000432081_00318_38949_7597.N1	12-AUG-2009 01:55:44	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	38949	No
27	GOM_NL__2PRFIN20090812_015921_000000422081_00318_38949_7598.N1	12-AUG-2009 01:59:21	Bright	42.000	154	22Bet Aqr	2.8990	5700.0	84	38949	No
28	GOM_NL__2PRFIN20090812_020138_000000512081_00318_38949_7599.N1	12-AUG-2009 02:01:38	Bright	50.500	162	34Alp Aqr	2.9440	5350.0	101	38949	No
29	GOM_NL__2PRFIN20090812_020454_000000472081_00318_38949_7600.N1	12-AUG-2009 02:04:54	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	38949	No
30	GOM_NL__2PRFIN20090812_021115_000000402081_00318_38949_7601.N1	12-AUG-2009 02:11:15	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	38949	No
31	GOM_NL__2PRFIN20090812_021427_000000392081_00318_38949_7602.N1	12-AUG-2009 02:14:27	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	38949	No
32	GOM_NL__2PRFIN20090812_021951_000000352081_00318_38949_7603.N1	12-AUG-2009 02:19:51	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	38949	No
33	GOM_NL__2PRFIN20090812_022510_000000482081_00318_38949_7604.N1	12-AUG-2009 02:25:10	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	38949	No
34	GOM_NL__2PRFIN20090812_022721_000000492081_00318_38949_7605.N1	12-AUG-2009 02:27:21	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38949	No
35	GOM_NL__2PRFIN20090812_023428_000000512081_00318_38949_7606.N1	12-AUG-2009 02:34:28	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	38949	No
36	GOM_NL__2PRFIN20090812_023622_000000382081_00318_38949_7607.N1	12-AUG-2009 02:36:22	Bright	38.000	35	33Alp Per	1.7950	6250.0	76	38949	No
37	GOM_NL__2PRFIN20090812_023736_000000592081_00318_38949_7608.N1	12-AUG-2009 02:37:36	Bright	58.500	175	39Del Per	3.0100	19400.	117	38949	No
38	GOM_NL__2PRFIN20090812_024501_000000492081_00318_38949_7609.N1	12-AUG-2009 02:45:01	Twilight_stray	49.000	28	12Bet Tau	1.6500	15200.	98	38949	No
39	GOM_NL__2PRFIN20090812_024717_000000462081_00318_38949_7610.N1	12-AUG-2009 02:47:17	Twilight_stray	46.000	176	23Zet Tau	3.0200	22000.	92	38949	No
40	GOM_NL__2PRFIN20090812_025025_000000762081_00318_38949_7611.N1	12-AUG-2009 02:50:25	Dark	75.500	13	87Alp Tau	0.86700	3800.0	151	38949	No
41	GOM_NL__2PRFIN20090812_025214_000000482081_00318_38949_7612.N1	12-AUG-2009 02:52:14	Dark	47.500	27	24Gam Ori	1.6360	26000.	95	38949	No
42	GOM_NL__2PRFIN20090812_025410_000000472081_00318_38949_7613.N1	12-AUG-2009 02:54:10	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	38949	No

43	GOM_NL__2PRFIN20090812_025534_000000432081_00318_38949_7614.N1	12-AUG-2009 02:55:34	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	38949	No
44	GOM_NL__2PRFIN20090812_025659_000000572081_00318_38949_7615.N1	12-AUG-2009 02:56:59	Dark	57.000	7	19Bet Ori	0.10000	14000.	114	38949	No
45	GOM_NL__2PRFIN20090812_030314_000000622081_00318_38949_7616.N1	12-AUG-2009 03:03:14	Dark	62.000	165	34Gam Eri	2.9500	3200.0	124	38949	No
46	GOM_NL__2PRFIN20090812_031218_000000492081_00319_38950_7628.N1	12-AUG-2009 03:12:18	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38950	No
47	GOM_NL__2PRFIN20090812_032225_000000552081_00319_38950_7629.N1	12-AUG-2009 03:22:25	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38950	No
48	GOM_NL__2PRFIN20090812_033021_000000572081_00319_38950_7630.N1	12-AUG-2009 03:30:21	Tw_i_and_stray	56.500	18	24Alp PsA	1.1660	9700.0	113	38950	No
49	GOM_NL__2PRFIN20090812_033621_000000452081_00319_38950_7631.N1	12-AUG-2009 03:36:21	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	38950	No
50	GOM_NL__2PRFIN20090812_033957_000000442081_00319_38950_7632.N1	12-AUG-2009 03:39:57	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	38950	No
51	GOM_NL__2PRFIN20090812_034214_000000742081_00319_38950_7633.N1	12-AUG-2009 03:42:14	Bright	74.000	162	34Alp Aqr	2.9440	5350.0	148	38950	No
52	GOM_NL__2PRFIN20090812_034530_000000492081_00319_38950_7634.N1	12-AUG-2009 03:45:30	Bright	49.000	61	8Eps Peg	2.1000	3900.0	98	38950	No
53	GOM_NL__2PRFIN20090812_035151_000000392081_00319_38950_7635.N1	12-AUG-2009 03:51:51	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	38950	No
54	GOM_NL__2PRFIN20090812_035503_000000382081_00319_38950_7636.N1	12-AUG-2009 03:55:03	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	38950	No
55	GOM_NL__2PRFIN20090812_040027_000000372081_00319_38950_7637.N1	12-AUG-2009 04:00:27	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	38950	No
56	GOM_NL__2PRFIN20090812_040545_000000472081_00319_38950_7638.N1	12-AUG-2009 04:05:45	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	38950	No
57	GOM_NL__2PRFIN20090812_040756_000000512081_00319_38950_7639.N1	12-AUG-2009 04:07:56	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38950	No
58	GOM_NL__2PRFIN20090812_041503_000000552081_00319_38950_7640.N1	12-AUG-2009 04:15:03	Bright	54.500	160	23Gam Per	2.9300	4700.0	109	38950	No
59	GOM_NL__2PRFIN20090812_041657_000000332081_00319_38950_7641.N1	12-AUG-2009 04:16:57	Tw_i_and_stray	33.000	35	33Alp Per	1.7950	6250.0	66	38950	No
60	GOM_NL__2PRFIN20090812_041812_000000762081_00319_38950_7642.N1	12-AUG-2009 04:18:12	Bright	76.000	175	39Del Per	3.0100	19400.	152	38950	No
61	GOM_NL__2PRFIN20090812_042537_000000462081_00319_38950_7643.N1	12-AUG-2009 04:25:37	Tw_i_and_stray	46.000	28	12Bet Tau	1.6500	15200.	92	38950	No
62	GOM_NL__2PRFIN20090812_042753_000000462081_00319_38950_7644.N1	12-AUG-2009 04:27:53	Tw_i_and_stray	46.000	176	23Zet Tau	3.0200	22000.	92	38950	No
63	GOM_NL__2PRFIN20090812_043102_000000682081_00319_38950_7645.N1	12-AUG-2009 04:31:02	Dark	68.000	13	87Alp Tau	0.86700	3800.0	136	38950	No
64	GOM_NL__2PRFIN20090812_043251_000000502081_00319_38950_7646.N1	12-AUG-2009 04:32:51	Dark	49.500	27	24Gam Ori	1.6360	26000.	99	38950	No
65	GOM_NL__2PRFIN20090812_043447_000000482081_00319_38950_7647.N1	12-AUG-2009 04:34:47	Dark	48.000	30	46Eps Ori	1.6940	30000.	96	38950	No
66	GOM_NL__2PRFIN20090812_043610_000000442081_00319_38950_7648.N1	12-AUG-2009 04:36:10	Dark	44.000	125	44Iot Ori	2.7700	30000.	88	38950	No
67	GOM_NL__2PRFIN20090812_043736_000000572081_00319_38950_7649.N1	12-AUG-2009 04:37:36	Dark	56.500	7	19Bet Ori	0.10000	14000.	113	38950	No
68	GOM_NL__2PRFIN20090812_044352_000000552081_00319_38950_7650.N1	12-AUG-2009 04:43:52	Dark	55.000	165	34Gam Eri	2.9500	3200.0	110	38950	No
69	GOM_NL__2PRFIN20090812_045256_000000502081_00320_38951_7642.N1	12-AUG-2009 04:52:56	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38951	No
70	GOM_NL__2PRFIN20090812_050302_000000552081_00320_38951_7643.N1	12-AUG-2009 05:03:02	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38951	No
71	GOM_NL__2PRFIN20090812_051057_000000562081_00320_38951_7644.N1	12-AUG-2009 05:10:57	Tw_i_and_stray	56.000	18	24Alp PsA	1.1660	9700.0	112	38951	No
72	GOM_NL__2PRFIN20090812_051656_000000452081_00320_38951_7645.N1	12-AUG-2009 05:16:56	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	38951	No
73	GOM_NL__2PRFIN20090812_052033_000000442081_00320_38951_7646.N1	12-AUG-2009 05:20:33	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	38951	No
74	GOM_NL__2PRFIN20090812_052249_000000522081_00320_38951_7647.N1	12-AUG-2009 05:22:49	Bright	51.500	162	34Alp Aqr	2.9440	5350.0	103	38951	No
75	GOM_NL__2PRFIN20090812_052605_000000462081_00320_38951_7648.N1	12-AUG-2009 05:26:05	Bright	46.000	61	8Eps Peg	2.1000	3900.0	92	38951	No
76	GOM_NL__2PRFIN20090812_053227_000000412081_00320_38951_7649.N1	12-AUG-2009 05:32:27	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	38951	No
77	GOM_NL__2PRFIN20090812_053539_000000392081_00320_38951_7650.N1	12-AUG-2009 05:35:39	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	38951	No
78	GOM_NL__2PRFIN20090812_054103_000000382081_00320_38951_7651.N1	12-AUG-2009 05:41:03	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	38951	No
79	GOM_NL__2PRFIN20090812_054620_000000502081_00320_38951_7652.N1	12-AUG-2009 05:46:20	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38951	No
80	GOM_NL__2PRFIN20090812_054832_000000482081_00320_38951_7653.N1	12-AUG-2009 05:48:32	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38951	No
81	GOM_NL__2PRFIN20090812_055539_000000662081_00320_38951_7654.N1	12-AUG-2009 05:55:39	Bright	66.000	160	23Gam Per	2.9300	4700.0	132	38951	No
82	GOM_NL__2PRFIN20090812_055733_000000332081_00320_38951_7655.N1	12-AUG-2009 05:57:33	Tw_i_and_stray	33.000	35	33Alp Per	1.7950	6250.0	66	38951	No
83	GOM_NL__2PRFIN20090812_055847_000000572081_00320_38951_7656.N1	12-AUG-2009 05:58:47	Bright	56.500	175	39Del Per	3.0100	19400.	113	38951	No
84	GOM_NL__2PRFIN20090812_060613_000000502081_00320_38951_7657.N1	12-AUG-2009 06:06:13	Tw_i_and_stray	49.500	28	12Bet Tau	1.6500	15200.	99	38951	No
85	GOM_NL__2PRFIN20090812_060829_000000442081_00320_38951_7658.N1	12-AUG-2009 06:08:29	Tw_i_and_stray	43.500	176	23Zet Tau	3.0200	22000.	87	38951	No
86	GOM_NL__2PRFIN20090812_061138_000000782081_00320_38951_7659.N1	12-AUG-2009 06:11:38	Dark	78.000	13	87Alp Tau	0.86700	3800.0	156	38951	No
87	GOM_NL__2PRFIN20090812_061327_000000492081_00320_38951_7660.N1	12-AUG-2009 06:13:27	Dark	48.500	27	24Gam Ori	1.6360	26000.	97	38951	No
88	GOM_NL__2PRFIN20090812_061523_000000472081_00320_38951_7661.N1	12-AUG-2009 06:15:23	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	38951	No
89	GOM_NL__2PRFIN20090812_061647_000000442081_00320_38951_7662.N1	12-AUG-2009 06:16:47	Dark	43.500	125	44Iot Ori	2.7700	30000.	87	38951	No
90	GOM_NL__2PRFIN20090812_061813_000000502081_00320_38951_7663.N1	12-AUG-2009 06:18:13	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	38951	No
91	GOM_NL__2PRFIN20090812_062429_000000552081_00320_38951_7664.N1	12-AUG-2009 06:24:29	Dark	55.000	165	34Gam Eri	2.9500	3200.0	110	38951	No
92	GOM_NL__2PRFIN20090812_063333_000000502081_00321_38952_7656.N1	12-AUG-2009 06:33:33	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38952	No
93	GOM_NL__2PRFIN20090812_064339_000000532081_00321_38952_7657.N1	12-AUG-2009 06:43:39	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	38952	No
94	GOM_NL__2PRFIN20090812_065134_000000562081_00321_38952_7658.N1	12-AUG-2009 06:51:34	Tw_i_and_stray	55.500	18	24Alp PsA	1.1660	9700.0	111	38952	No
95	GOM_NL__2PRFIN20090812_065733_000000452081_00321_38952_7659.N1	12-AUG-2009 06:57:33	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	38952	No
96	GOM_NL__2PRFIN20090812_070109_000000452081_00321_38952_7660.N1	12-AUG-2009 07:01:09	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	38952	No
97	GOM_NL__2PRFIN20090812_070325_000000522081_00321_38952_7661.N1	12-AUG-2009 07:03:25	Bright	51.500	162	34Alp Aqr	2.9440	5350.0	103	38952	No
98	GOM_NL__2PRFIN20090812_070641_000000472081_00321_38952_7662.N1	12-AUG-2009 07:06:41	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	38952	No
99	GOM_NL__2PRFIN20090812_071302_000000402081_00321_38952_7663.N1	12-AUG-2009 07:13:02	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	38952	No
100	GOM_NL__2PRFIN20090812_071614_000000392081_00321_38952_7664.N1	12-AUG-2009 07:16:14	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	38952	No
101	GOM_NL__2PRFIN20090812_072139_000000392081_00321_38952_7665.N1	12-AUG-2009 07:21:39	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38952	No

102	GOM_NL__2PRFIN20090812_072656_000000472081_00321_38952_7666.N1	12-AUG-2009 07:26:56	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	38952	No
103	GOM_NL__2PRFIN20090812_072907_000000472081_00321_38952_7667.N1	12-AUG-2009 07:29:07	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38952	No
104	GOM_NL__2PRFIN20090812_073614_000000522081_00321_38952_7668.N1	12-AUG-2009 07:36:14	Bright	52.000	160	23Gam Per	2.9300	4700.0	104	38952	No
105	GOM_NL__2PRFIN20090812_073808_000000292081_00321_38952_7669.N1	12-AUG-2009 07:38:08	Tw_i_and_stray	29.000	35	33Alp Per	1.7950	6250.0	58	38952	No
106	GOM_NL__2PRFIN20090812_073923_000000762081_00321_38952_7670.N1	12-AUG-2009 07:39:23	Bright	76.000	175	39Del Per	3.0100	19400.	152	38952	No
107	GOM_NL__2PRFIN20090812_074649_000000472081_00321_38952_7671.N1	12-AUG-2009 07:46:49	Tw_i_and_stray	46.500	28	12Bet Tau	1.6500	15200.	93	38952	No
108	GOM_NL__2PRFIN20090812_074905_000000442081_00321_38952_7672.N1	12-AUG-2009 07:49:05	Tw_i_and_stray	43.500	176	23Zet Tau	3.0200	22000.	87	38952	No
109	GOM_NL__2PRFIN20090812_075215_000000662081_00321_38952_7673.N1	12-AUG-2009 07:52:15	Dark	65.500	13	87Alp Tau	0.86700	3800.0	131	38952	No
110	GOM_NL__2PRFIN20090812_075404_000000442081_00321_38952_7674.N1	12-AUG-2009 07:54:04	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	38952	No
111	GOM_NL__2PRFIN20090812_075600_000000472081_00321_38952_7675.N1	12-AUG-2009 07:56:00	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	38952	No
112	GOM_NL__2PRFIN20090812_075723_000000442081_00321_38952_7676.N1	12-AUG-2009 07:57:23	Dark	44.000	125	44lot Ori	2.7700	30000.	88	38952	No
113	GOM_NL__2PRFIN20090812_075849_000000522081_00321_38952_7677.N1	12-AUG-2009 07:58:49	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	38952	No
114	GOM_NL__2PRFIN20090812_080507_000000492081_00321_38952_7678.N1	12-AUG-2009 08:05:07	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	38952	No
115	GOM_NL__2PRFIN20090812_081410_000000502081_00322_38953_7667.N1	12-AUG-2009 08:14:10	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38953	No
116	GOM_NL__2PRFIN20090812_082416_000000552081_00322_38953_7668.N1	12-AUG-2009 08:24:16	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38953	No
117	GOM_NL__2PRFIN20090812_083210_000000572081_00322_38953_7669.N1	12-AUG-2009 08:32:10	Tw_i_and_stray	56.500	18	24Alp PsA	1.1660	9700.0	113	38953	No
118	GOM_NL__2PRFIN20090812_083809_000000442081_00322_38953_7670.N1	12-AUG-2009 08:38:09	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	38953	No
119	GOM_NL__2PRFIN20090812_084145_000000442081_00322_38953_7671.N1	12-AUG-2009 08:41:45	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	38953	No
120	GOM_NL__2PRFIN20090812_084400_000000522081_00322_38953_7672.N1	12-AUG-2009 08:44:00	Bright	51.500	162	34Alp Aqr	2.9440	5350.0	103	38953	No
121	GOM_NL__2PRFIN20090812_084716_000000472081_00322_38953_7673.N1	12-AUG-2009 08:47:16	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	38953	No
122	GOM_NL__2PRFIN20090812_085338_000000432081_00322_38953_7674.N1	12-AUG-2009 08:53:38	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	38953	No
123	GOM_NL__2PRFIN20090812_085650_000000562081_00322_38953_7675.N1	12-AUG-2009 08:56:50	Bright	56.000	19	50Alp Cyg	1.2460	10500.	112	38953	No
124	GOM_NL__2PRFIN20090812_090214_000000382081_00322_38953_7676.N1	12-AUG-2009 09:02:14	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	38953	No
125	GOM_NL__2PRFIN20090812_090731_000000502081_00322_38953_7677.N1	12-AUG-2009 09:07:31	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38953	No
126	GOM_NL__2PRFIN20090812_090942_000000472081_00322_38953_7678.N1	12-AUG-2009 09:09:42	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	38953	No
127	GOM_NL__2PRFIN20090812_091649_000000522081_00322_38953_7679.N1	12-AUG-2009 09:16:49	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	38953	No
128	GOM_NL__2PRFIN20090812_091844_000000292081_00322_38953_7680.N1	12-AUG-2009 09:18:44	Tw_i_and_stray	29.000	35	33Alp Per	1.7950	6250.0	58	38953	No
129	GOM_NL__2PRFIN20090812_091959_000000492081_00322_38953_7681.N1	12-AUG-2009 09:19:59	Bright	49.000	175	39Del Per	3.0100	19400.	98	38953	No
130	GOM_NL__2PRFIN20090812_092725_000000502081_00322_38953_7682.N1	12-AUG-2009 09:27:25	Tw_i_and_stray	50.000	28	12Bet Tau	1.6500	15200.	100	38953	No
131	GOM_NL__2PRFIN20090812_092942_000000442081_00322_38953_7683.N1	12-AUG-2009 09:29:42	Tw_i_and_stray	44.000	176	23Zet Tau	3.0200	22000.	88	38953	No
132	GOM_NL__2PRFIN20090812_093251_000000712081_00322_38953_7684.N1	12-AUG-2009 09:32:51	Dark	70.500	13	87Alp Tau	0.86700	3800.0	141	38953	No
133	GOM_NL__2PRFIN20090812_093440_000000492081_00322_38953_7685.N1	12-AUG-2009 09:34:40	Dark	48.500	27	24Gam Ori	1.6360	26000.	97	38953	No
134	GOM_NL__2PRFIN20090812_093636_000000452081_00322_38953_7686.N1	12-AUG-2009 09:36:36	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	38953	No
135	GOM_NL__2PRFIN20090812_093800_000000422081_00322_38953_7687.N1	12-AUG-2009 09:38:00	Dark	42.000	125	44lot Ori	2.7700	30000.	84	38953	No
136	GOM_NL__2PRFIN20090812_093926_000000532081_00322_38953_7688.N1	12-AUG-2009 09:39:26	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	38953	No
137	GOM_NL__2PRFIN20090812_094544_000000492081_00322_38953_7689.N1	12-AUG-2009 09:45:44	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	38953	No
138	GOM_NL__2PRFIN20090812_095447_000000492081_00323_38954_7684.N1	12-AUG-2009 09:54:47	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38954	No
139	GOM_NL__2PRFIN20090812_100453_000000552081_00323_38954_7685.N1	12-AUG-2009 10:04:53	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38954	No
140	GOM_NL__2PRFIN20090812_101247_000000542081_00323_38954_7686.N1	12-AUG-2009 10:12:47	Tw_i_and_stray	54.000	18	24Alp PsA	1.1660	9700.0	108	38954	No
141	GOM_NL__2PRFIN20090812_101845_000000632081_00323_38954_7687.N1	12-AUG-2009 10:18:45	Bright	62.500	142	49Del Cap	2.8500	8900.0	125	38954	No
142	GOM_NL__2PRFIN20090812_102221_000000422081_00323_38954_7688.N1	12-AUG-2009 10:22:21	Bright	42.000	154	22Bet Aqr	2.8990	5700.0	84	38954	No
143	GOM_NL__2PRFIN20090812_102436_000000522081_00323_38954_7689.N1	12-AUG-2009 10:24:36	Bright	51.500	162	34Alp Aqr	2.9440	5350.0	103	38954	No
144	GOM_NL__2PRFIN20090812_102752_000000472081_00323_38954_7690.N1	12-AUG-2009 10:27:52	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	38954	No
145	GOM_NL__2PRFIN20090812_103414_000000372081_00323_38954_7691.N1	12-AUG-2009 10:34:14	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	38954	No
146	GOM_NL__2PRFIN20090812_103726_000000392081_00323_38954_7692.N1	12-AUG-2009 10:37:26	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	38954	No
147	GOM_NL__2PRFIN20090812_104250_000000382081_00323_38954_7693.N1	12-AUG-2009 10:42:50	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	38954	No
148	GOM_NL__2PRFIN20090812_104806_000000492081_00323_38954_7694.N1	12-AUG-2009 10:48:06	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	38954	No
149	GOM_NL__2PRFIN20090812_105017_000000502081_00323_38954_7695.N1	12-AUG-2009 10:50:17	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	38954	No
150	GOM_NL__2PRFIN20090812_105725_000000522081_00323_38954_7696.N1	12-AUG-2009 10:57:25	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	38954	No
151	GOM_NL__2PRFIN20090812_105919_000000252081_00323_38954_7697.N1	12-AUG-2009 10:59:19	Tw_i_and_stray	25.000	35	33Alp Per	1.7950	6250.0	50	38954	No
152	GOM_NL__2PRFIN20090812_110034_000000652081_00323_38954_7698.N1	12-AUG-2009 11:00:34	Bright	65.000	175	39Del Per	3.0100	19400.	130	38954	No
153	GOM_NL__2PRFIN20090812_110801_000000482081_00323_38954_7699.N1	12-AUG-2009 11:08:01	Tw_i_and_stray	48.000	28	12Bet Tau	1.6500	15200.	96	38954	No
154	GOM_NL__2PRFIN20090812_111018_000000452081_00323_38954_7700.N1	12-AUG-2009 11:10:18	Tw_i_and_stray	45.000	176	23Zet Tau	3.0200	22000.	90	38954	No
155	GOM_NL__2PRFIN20090812_111328_000000672081_00323_38954_7701.N1	12-AUG-2009 11:13:28	Dark	67.000	13	87Alp Tau	0.86700	3800.0	134	38954	No
156	GOM_NL__2PRFIN20090812_111517_000000452081_00323_38954_7702.N1	12-AUG-2009 11:15:17	Dark	44.500	27	24Gam Ori	1.6360	26000.	89	38954	No
157	GOM_NL__2PRFIN20090812_111713_000000432081_00323_38954_7703.N1	12-AUG-2009 11:17:13	Dark	42.500	30	46Eps Ori	1.6940	30000.	85	38954	No
158	GOM_NL__2PRFIN20090812_111836_000000442081_00323_38954_7704.N1	12-AUG-2009 11:18:36	Dark	44.000	125	44lot Ori	2.7700	30000.	88	38954	No
159	GOM_NL__2PRFIN20090812_112003_000000632081_00323_38954_7705.N1	12-AUG-2009 11:20:03	Dark	63.000	7	19Bet Ori	0.10000	14000.	126	38954	No
160	GOM_NL__2PRFIN20090812_112622_000000422081_00323_38954_7706.N1	12-AUG-2009 11:26:22	Dark	42.000	165	34Gam Eri	2.9500	3200.0	84	38954	No

161	GOM_NL__2PRFIN20090812_113524_000000502081_00324_38955_7698.N1	12-AUG-2009 11:35:24	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38955	No
162	GOM_NL__2PRFIN20090812_114530_000000532081_00324_38955_7699.N1	12-AUG-2009 11:45:30	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	38955	No
163	GOM_NL__2PRFIN20090812_115323_000000572081_00324_38955_7700.N1	12-AUG-2009 11:53:23	Tw_i_and_stray	57.000	18	24Alp PsA	1.1660	9700.0	114	38955	No
164	GOM_NL__2PRFIN20090812_115921_000000422081_00324_38955_7701.N1	12-AUG-2009 11:59:21	Bright	41.500	142	49Del Cap	2.8500	8900.0	83	38955	No
165	GOM_NL__2PRFIN20090812_120256_000000422081_00324_38955_7702.N1	12-AUG-2009 12:02:56	Bright	41.500	154	22Bet Aqr	2.8990	5700.0	83	38955	No
166	GOM_NL__2PRFIN20090812_120512_000000512081_00324_38955_7703.N1	12-AUG-2009 12:05:12	Bright	50.500	162	34Alp Aqr	2.9440	5350.0	101	38955	No
167	GOM_NL__2PRFIN20090812_120827_000000492081_00324_38955_7704.N1	12-AUG-2009 12:08:27	Bright	49.000	61	8Eps Peg	2.1000	3900.0	98	38955	No
168	GOM_NL__2PRFIN20090812_121449_000000382081_00324_38955_7705.N1	12-AUG-2009 12:14:49	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	38955	No
169	GOM_NL__2PRFIN20090812_121801_000000562081_00324_38955_7706.N1	12-AUG-2009 12:18:01	Bright	56.000	19	50Alp Cyg	1.2460	10500.	112	38955	No
170	GOM_NL__2PRFIN20090812_122325_000000402081_00324_38955_7707.N1	12-AUG-2009 12:23:25	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38955	No
171	GOM_NL__2PRFIN20090812_122841_000000482081_00324_38955_7708.N1	12-AUG-2009 12:28:41	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38955	No
172	GOM_NL__2PRFIN20090812_123052_000000482081_00324_38955_7709.N1	12-AUG-2009 12:30:52	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38955	No
173	GOM_NL__2PRFIN20090812_123800_000000492081_00324_38955_7710.N1	12-AUG-2009 12:38:00	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	38955	No
174	GOM_NL__2PRFIN20090812_123955_000000252081_00324_38955_7711.N1	12-AUG-2009 12:39:55	Tw_i_and_stray	25.000	35	33Alp Per	1.7950	6250.0	50	38955	No
175	GOM_NL__2PRFIN20090812_124110_000000762081_00324_38955_7712.N1	12-AUG-2009 12:41:10	Bright	76.000	175	39Del Per	3.0100	19400.	152	38955	No
176	GOM_NL__2PRFIN20090812_124837_000000482081_00324_38955_7713.N1	12-AUG-2009 12:48:37	Tw_i_and_stray	47.500	28	12Bet Tau	1.6500	15200.	95	38955	No
177	GOM_NL__2PRFIN20090812_125054_000000442081_00324_38955_7714.N1	12-AUG-2009 12:50:54	Tw_i_and_stray	44.000	176	23Zet Tau	3.0200	22000.	88	38955	No
178	GOM_NL__2PRFIN20090812_125404_000000692081_00324_38955_7715.N1	12-AUG-2009 12:54:04	Dark	68.500	13	87Alp Tau	0.86700	3800.0	137	38955	No
179	GOM_NL__2PRFIN20090812_125553_000000472081_00324_38955_7716.N1	12-AUG-2009 12:55:53	Dark	46.500	27	24Gam Ori	1.6360	26000.	93	38955	No
180	GOM_NL__2PRFIN20090812_125749_000000492081_00324_38955_7717.N1	12-AUG-2009 12:57:49	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	38955	No
181	GOM_NL__2PRFIN20090812_125912_000000462081_00324_38955_7718.N1	12-AUG-2009 12:59:12	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	38955	No
182	GOM_NL__2PRFIN20090812_130039_000000532081_00324_38955_7719.N1	12-AUG-2009 13:00:39	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	38955	No
183	GOM_NL__2PRFIN20090812_130659_000000422081_00324_38955_7720.N1	12-AUG-2009 13:06:59	Dark	42.000	165	34Gam Eri	2.9500	3200.0	84	38955	No
184	GOM_NL__2PRFIN20090812_131601_000000492081_00325_38956_7712.N1	12-AUG-2009 13:16:01	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38956	No
185	GOM_NL__2PRFIN20090812_132606_000000532081_00325_38956_7713.N1	12-AUG-2009 13:26:06	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	38956	No
186	GOM_NL__2PRFIN20090812_133359_000000552081_00325_38956_7714.N1	12-AUG-2009 13:33:59	Tw_i_and_stray	55.000	18	24Alp PsA	1.1660	9700.0	110	38956	No
187	GOM_NL__2PRFIN20090812_133957_000000452081_00325_38956_7715.N1	12-AUG-2009 13:39:57	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	38956	No
188	GOM_NL__2PRFIN20090812_134332_000000412081_00325_38956_7716.N1	12-AUG-2009 13:43:32	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	38956	No
189	GOM_NL__2PRFIN20090812_134547_000000512081_00325_38956_7717.N1	12-AUG-2009 13:45:47	Bright	50.500	162	34Alp Aqr	2.9440	5350.0	101	38956	No
190	GOM_NL__2PRFIN20090812_134903_000000682081_00325_38956_7718.N1	12-AUG-2009 13:49:03	Bright	68.000	61	8Eps Peg	2.1000	3900.0	136	38956	No
191	GOM_NL__2PRFIN20090812_135525_000000572081_00325_38956_7719.N1	12-AUG-2009 13:55:25	Bright	57.000	92	53Eps Cyg	2.5000	4500.0	114	38956	No
192	GOM_NL__2PRFIN20090812_135837_000000402081_00325_38956_7720.N1	12-AUG-2009 13:58:37	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	38956	No
193	GOM_NL__2PRFIN20090812_140401_000000402081_00325_38956_7721.N1	12-AUG-2009 14:04:01	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38956	No
194	GOM_NL__2PRFIN20090812_140916_000000462081_00325_38956_7722.N1	12-AUG-2009 14:09:16	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	38956	No
195	GOM_NL__2PRFIN20090812_141127_000000492081_00325_38956_7723.N1	12-AUG-2009 14:11:27	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	38956	No
196	GOM_NL__2PRFIN20090812_141835_000000522081_00325_38956_7724.N1	12-AUG-2009 14:18:35	Bright	52.000	160	23Gam Per	2.9300	4700.0	104	38956	No
197	GOM_NL__2PRFIN20090812_142145_000000762081_00325_38956_7725.N1	12-AUG-2009 14:21:45	Bright	75.500	175	39Del Per	3.0100	19400.	151	38956	No
198	GOM_NL__2PRFIN20090812_142327_000000482081_00325_38956_7726.N1	12-AUG-2009 14:23:27	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	38956	No
199	GOM_NL__2PRFIN20090812_142914_000000482081_00325_38956_7727.N1	12-AUG-2009 14:29:14	Tw_i_and_stray	48.000	28	12Bet Tau	1.6500	15200.	96	38956	No
200	GOM_NL__2PRFIN20090812_143130_000000422081_00325_38956_7728.N1	12-AUG-2009 14:31:30	Tw_i_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	38956	No
201	GOM_NL__2PRFIN20090812_143441_000000792081_00325_38956_7729.N1	12-AUG-2009 14:34:41	Dark	78.500	13	87Alp Tau	0.86700	3800.0	157	38956	No
202	GOM_NL__2PRFIN20090812_143629_000000522081_00325_38956_7730.N1	12-AUG-2009 14:36:29	Dark	52.000	27	24Gam Ori	1.6360	26000.	104	38956	No
203	GOM_NL__2PRFIN20090812_143825_000000452081_00325_38956_7731.N1	12-AUG-2009 14:38:25	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	38956	No
204	GOM_NL__2PRFIN20090812_143949_000000452081_00325_38956_7732.N1	12-AUG-2009 14:39:49	Dark	44.500	125	44Iot Ori	2.7700	30000.	89	38956	No
205	GOM_NL__2PRFIN20090812_144116_000000502081_00325_38956_7733.N1	12-AUG-2009 14:41:16	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	38956	No
206	GOM_NL__2PRFIN20090812_144736_000000362081_00325_38956_7734.N1	12-AUG-2009 14:47:36	Dark	36.000	165	34Gam Eri	2.9500	3200.0	72	38956	No
207	GOM_NL__2PRFIN20090812_145638_000000482081_00326_38957_7728.N1	12-AUG-2009 14:56:38	Dark	48.000	157	The1Eri	2.9060	9300.0	96	38957	No
208	GOM_NL__2PRFIN20090812_150643_000000622081_00326_38957_7729.N1	12-AUG-2009 15:06:43	Straylight	61.500	84	Alp Phe	2.3970	4500.0	123	38957	No
209	GOM_NL__2PRFIN20090812_151436_000000562081_00326_38957_7730.N1	12-AUG-2009 15:14:36	Tw_i_and_stray	55.500	18	24Alp PsA	1.1660	9700.0	111	38957	No
210	GOM_NL__2PRFIN20090812_152033_000000452081_00326_38957_7731.N1	12-AUG-2009 15:20:33	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	38957	No
211	GOM_NL__2PRFIN20090812_152408_000000442081_00326_38957_7732.N1	12-AUG-2009 15:24:08	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	38957	No
212	GOM_NL__2PRFIN20090812_152623_000000522081_00326_38957_7733.N1	12-AUG-2009 15:26:23	Bright	51.500	162	34Alp Aqr	2.9440	5350.0	103	38957	No
213	GOM_NL__2PRFIN20090812_152938_000000522081_00326_38957_7734.N1	12-AUG-2009 15:29:38	Bright	52.000	61	8Eps Peg	2.1000	3900.0	104	38957	No
214	GOM_NL__2PRFIN20090812_153600_000000382081_00326_38957_7735.N1	12-AUG-2009 15:36:00	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	38957	No
215	GOM_NL__2PRFIN20090812_153917_000000512081_00326_38957_7736.N1	12-AUG-2009 15:39:17	Bright	51.000	19	50Alp Cyg	1.2460	10500.	102	38957	No
216	GOM_NL__2PRFIN20090812_154436_000000392081_00326_38957_7737.N1	12-AUG-2009 15:44:36	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38957	No
217	GOM_NL__2PRFIN20090812_155203_000000492081_00326_38957_7738.N1	12-AUG-2009 15:52:03	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38957	No
218	GOM_NL__2PRFIN20090812_155911_000000522081_00326_38957_7739.N1	12-AUG-2009 15:59:11	Bright	52.000	160	23Gam Per	2.9300	4700.0	104	38957	No
219	GOM_NL__2PRFIN20090812_160221_000000622081_00326_38957_7740.N1	12-AUG-2009 16:02:21	Bright	61.500	175	39Del Per	3.0100	19400.	123	38957	No

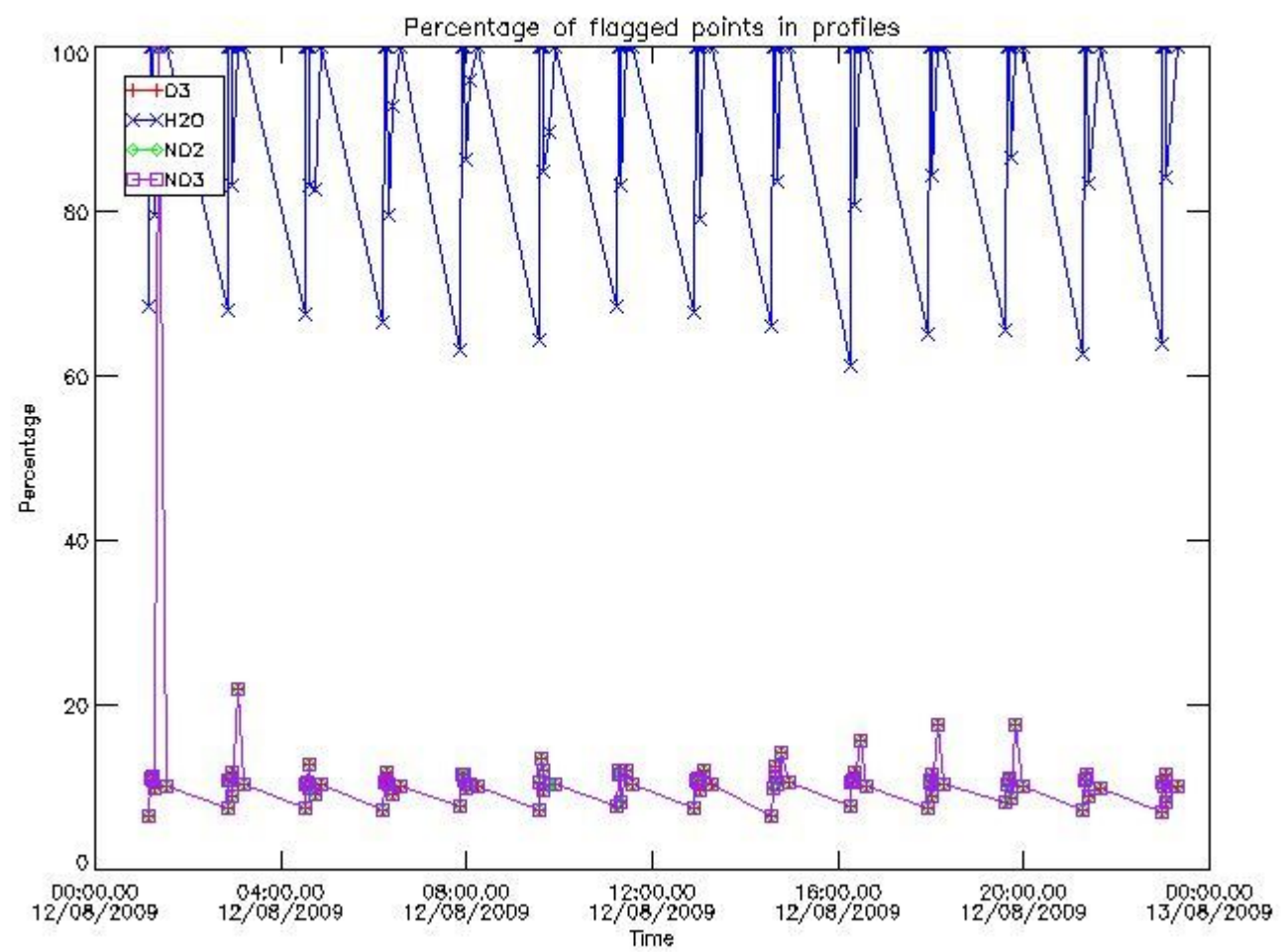
220	GOM_NL__2PRFIN20090812_160403_000000472081_00326_38957_7741.N1	12-AUG-2009 16:04:03	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	38957	No
221	GOM_NL__2PRFIN20090812_160950_000000492081_00326_38957_7742.N1	12-AUG-2009 16:09:50	Twilight	48.500	28	12Bet Tau	1.6500	15200.	97	38957	No
222	GOM_NL__2PRFIN20090812_161206_000000442081_00326_38957_7743.N1	12-AUG-2009 16:12:06	Twilight	43.500	176	23Zet Tau	3.0200	22000.	87	38957	No
223	GOM_NL__2PRFIN20090812_161517_000000662081_00326_38957_7744.N1	12-AUG-2009 16:15:17	Dark	66.000	13	87Alp Tau	0.86700	3800.0	132	38957	No
224	GOM_NL__2PRFIN20090812_161706_000000482081_00326_38957_7745.N1	12-AUG-2009 16:17:06	Dark	48.000	27	24Gam Ori	1.6360	26000.	96	38957	No
225	GOM_NL__2PRFIN20090812_161902_000000472081_00326_38957_7746.N1	12-AUG-2009 16:19:02	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	38957	No
226	GOM_NL__2PRFIN20090812_162025_000000432081_00326_38957_7747.N1	12-AUG-2009 16:20:25	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	38957	No
227	GOM_NL__2PRFIN20090812_162152_000000532081_00326_38957_7748.N1	12-AUG-2009 16:21:52	Dark	52.500	7	19Bet Ori	0.10000	14000.	105	38957	No
228	GOM_NL__2PRFIN20090812_162814_000000362081_00326_38957_7749.N1	12-AUG-2009 16:28:14	Dark	36.000	165	34Gam Eri	2.9500	3200.0	72	38957	No
229	GOM_NL__2PRFIN20090812_163715_000000502081_00327_38958_7746.N1	12-AUG-2009 16:37:15	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38958	No
230	GOM_NL__2PRFIN20090812_164720_000000522081_00327_38958_7747.N1	12-AUG-2009 16:47:20	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	38958	No
231	GOM_NL__2PRFIN20090812_165512_000000562081_00327_38958_7748.N1	12-AUG-2009 16:55:12	Twilight	55.500	18	24Alp PsA	1.1660	9700.0	111	38958	No
232	GOM_NL__2PRFIN20090812_170109_000000442081_00327_38958_7749.N1	12-AUG-2009 17:01:09	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	38958	No
233	GOM_NL__2PRFIN20090812_170444_000000432081_00327_38958_7750.N1	12-AUG-2009 17:04:44	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	38958	No
234	GOM_NL__2PRFIN20090812_170658_000000492081_00327_38958_7751.N1	12-AUG-2009 17:06:58	Bright	49.000	162	34Alp Aqr	2.9440	5350.0	98	38958	No
235	GOM_NL__2PRFIN20090812_171014_000000482081_00327_38958_7752.N1	12-AUG-2009 17:10:14	Bright	48.000	61	8Eps Peg	2.1000	3900.0	96	38958	No
236	GOM_NL__2PRFIN20090812_171636_000000392081_00327_38958_7753.N1	12-AUG-2009 17:16:36	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	38958	No
237	GOM_NL__2PRFIN20090812_172512_000000392081_00327_38958_7754.N1	12-AUG-2009 17:25:12	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38958	No
238	GOM_NL__2PRFIN20090812_173026_000000492081_00327_38958_7755.N1	12-AUG-2009 17:30:26	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38958	No
239	GOM_NL__2PRFIN20090812_173238_000000492081_00327_38958_7756.N1	12-AUG-2009 17:32:38	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	38958	No
240	GOM_NL__2PRFIN20090812_173946_000000532081_00327_38958_7757.N1	12-AUG-2009 17:39:46	Bright	52.500	160	23Gam Per	2.9300	4700.0	105	38958	No
241	GOM_NL__2PRFIN20090812_174256_000000562081_00327_38958_7758.N1	12-AUG-2009 17:42:56	Bright	56.000	175	39Del Per	3.0100	19400.	112	38958	No
242	GOM_NL__2PRFIN20090812_174439_000000492081_00327_38958_7759.N1	12-AUG-2009 17:44:39	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	38958	No
243	GOM_NL__2PRFIN20090812_175026_000000492081_00327_38958_7760.N1	12-AUG-2009 17:50:26	Twilight	49.000	28	12Bet Tau	1.6500	15200.	98	38958	No
244	GOM_NL__2PRFIN20090812_175243_000000452081_00327_38958_7761.N1	12-AUG-2009 17:52:43	Twilight	45.000	176	23Zet Tau	3.0200	22000.	90	38958	No
245	GOM_NL__2PRFIN20090812_175554_000000692081_00327_38958_7762.N1	12-AUG-2009 17:55:54	Dark	69.000	13	87Alp Tau	0.86700	3800.0	138	38958	No
246	GOM_NL__2PRFIN20090812_175742_000000492081_00327_38958_7763.N1	12-AUG-2009 17:57:42	Dark	48.500	27	24Gam Ori	1.6360	26000.	97	38958	No
247	GOM_NL__2PRFIN20090812_175939_000000472081_00327_38958_7764.N1	12-AUG-2009 17:59:39	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	38958	No
248	GOM_NL__2PRFIN20090812_180102_000000442081_00327_38958_7765.N1	12-AUG-2009 18:01:02	Dark	44.000	125	44Iot Ori	2.7700	30000.	88	38958	No
249	GOM_NL__2PRFIN20090812_180229_000000582081_00327_38958_7766.N1	12-AUG-2009 18:02:29	Dark	57.500	7	19Bet Ori	0.10000	14000.	115	38958	No
250	GOM_NL__2PRFIN20090812_180851_000000292081_00327_38958_7767.N1	12-AUG-2009 18:08:51	Dark	29.000	165	34Gam Eri	2.9500	3200.0	58	38958	No
251	GOM_NL__2PRFIN20090812_181752_000000492081_00328_38959_7762.N1	12-AUG-2009 18:17:52	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38959	No
252	GOM_NL__2PRFIN20090812_182757_000000592081_00328_38959_7763.N1	12-AUG-2009 18:27:57	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	38959	No
253	GOM_NL__2PRFIN20090812_183549_000000552081_00328_38959_7764.N1	12-AUG-2009 18:35:49	Twilight	55.000	18	24Alp PsA	1.1660	9700.0	110	38959	No
254	GOM_NL__2PRFIN20090812_184145_000000442081_00328_38959_7765.N1	12-AUG-2009 18:41:45	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	38959	No
255	GOM_NL__2PRFIN20090812_184520_000000432081_00328_38959_7766.N1	12-AUG-2009 18:45:20	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	38959	No
256	GOM_NL__2PRFIN20090812_184734_000000742081_00328_38959_7767.N1	12-AUG-2009 18:47:34	Bright	74.000	162	34Alp Aqr	2.9440	5350.0	148	38959	No
257	GOM_NL__2PRFIN20090812_185049_000000682081_00328_38959_7768.N1	12-AUG-2009 18:50:49	Bright	68.000	61	8Eps Peg	2.1000	3900.0	136	38959	No
258	GOM_NL__2PRFIN20090812_185712_000000382081_00328_38959_7769.N1	12-AUG-2009 18:57:12	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	38959	No
259	GOM_NL__2PRFIN20090812_190548_000000402081_00328_38959_7770.N1	12-AUG-2009 19:05:48	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38959	No
260	GOM_NL__2PRFIN20090812_191102_000000482081_00328_38959_7771.N1	12-AUG-2009 19:11:02	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38959	No
261	GOM_NL__2PRFIN20090812_191313_000000492081_00328_38959_7772.N1	12-AUG-2009 19:13:13	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38959	No
262	GOM_NL__2PRFIN20090812_192022_000000532081_00328_38959_7773.N1	12-AUG-2009 19:20:22	Bright	52.500	160	23Gam Per	2.9300	4700.0	105	38959	No
263	GOM_NL__2PRFIN20090812_192332_000000752081_00328_38959_7774.N1	12-AUG-2009 19:23:32	Bright	75.000	175	39Del Per	3.0100	19400.	150	38959	No
264	GOM_NL__2PRFIN20090812_192515_000000482081_00328_38959_7775.N1	12-AUG-2009 19:25:15	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	38959	No
265	GOM_NL__2PRFIN20090812_193102_000000482081_00328_38959_7776.N1	12-AUG-2009 19:31:02	Twilight	47.500	28	12Bet Tau	1.6500	15200.	95	38959	No
266	GOM_NL__2PRFIN20090812_193319_000000462081_00328_38959_7777.N1	12-AUG-2009 19:33:19	Twilight	46.000	176	23Zet Tau	3.0200	22000.	92	38959	No
267	GOM_NL__2PRFIN20090812_193631_000000692081_00328_38959_7778.N1	12-AUG-2009 19:36:31	Dark	68.500	13	87Alp Tau	0.86700	3800.0	137	38959	No
268	GOM_NL__2PRFIN20090812_193819_000000502081_00328_38959_7779.N1	12-AUG-2009 19:38:19	Dark	49.500	27	24Gam Ori	1.6360	26000.	99	38959	No
269	GOM_NL__2PRFIN20090812_194015_000000472081_00328_38959_7780.N1	12-AUG-2009 19:40:15	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	38959	No
270	GOM_NL__2PRFIN20090812_194139_000000462081_00328_38959_7781.N1	12-AUG-2009 19:41:39	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	38959	No
271	GOM_NL__2PRFIN20090812_194306_000000602081_00328_38959_7782.N1	12-AUG-2009 19:43:06	Dark	59.500	7	19Bet Ori	0.10000	14000.	119	38959	No
272	GOM_NL__2PRFIN20090812_194929_000000292081_00328_38959_7783.N1	12-AUG-2009 19:49:29	Dark	29.000	165	34Gam Eri	2.9500	3200.0	58	38959	No
273	GOM_NL__2PRFIN20090812_195829_000000512081_00329_38960_7809.N1	12-AUG-2009 19:58:29	Dark	50.500	157	The1Eri	2.9060	9300.0	101	38960	No
274	GOM_NL__2PRFIN20090812_200834_000000612081_00329_38960_7810.N1	12-AUG-2009 20:08:34	Straylight	60.500	84	Alp Phe	2.3970	4500.0	121	38960	No
275	GOM_NL__2PRFIN20090812_201625_000000562081_00329_38960_7811.N1	12-AUG-2009 20:16:25	Twilight	55.500	18	24Alp PsA	1.1660	9700.0	111	38960	No
276	GOM_NL__2PRFIN20090812_202221_000000452081_00329_38960_7812.N1	12-AUG-2009 20:22:21	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	38960	No
277	GOM_NL__2PRFIN20090812_202556_000000432081_00329_38960_7813.N1	12-AUG-2009 20:25:56	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	38960	No
278	GOM_NL__2PRFIN20090812_202810_000000502081_00329_38960_7814.N1	12-AUG-2009 20:28:10	Bright	50.000	162	34Alp Aqr	2.9440	5350.0	100	38960	No

279	GOM_NL__2PRFIN20090812_203125_000000452081_00329_38960_7815.N1	12-AUG-2009 20:31:25	Bright	45.000	61	8Eps Peg	2.1000	3900.0	90	38960	No
280	GOM_NL__2PRFIN20090812_203748_000000382081_00329_38960_7816.N1	12-AUG-2009 20:37:48	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	38960	No
281	GOM_NL__2PRFIN20090812_204624_000000402081_00329_38960_7817.N1	12-AUG-2009 20:46:24	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38960	No
282	GOM_NL__2PRFIN20090812_205136_000000502081_00329_38960_7818.N1	12-AUG-2009 20:51:36	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38960	No
283	GOM_NL__2PRFIN20090812_205348_000000492081_00329_38960_7819.N1	12-AUG-2009 20:53:48	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38960	No
284	GOM_NL__2PRFIN20090812_210057_000000542081_00329_38960_7820.N1	12-AUG-2009 21:00:57	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	38960	No
285	GOM_NL__2PRFIN20090812_210408_000000482081_00329_38960_7821.N1	12-AUG-2009 21:04:08	Bright	47.500	175	39Del Per	3.0100	19400.	95	38960	No
286	GOM_NL__2PRFIN20090812_210551_000000512081_00329_38960_7822.N1	12-AUG-2009 21:05:51	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	38960	No
287	GOM_NL__2PRFIN20090812_211138_000000522081_00329_38960_7823.N1	12-AUG-2009 21:11:38	Twilight	52.000	28	12Bet Tau	1.6500	15200.	104	38960	No
288	GOM_NL__2PRFIN20090812_211355_000000472081_00329_38960_7824.N1	12-AUG-2009 21:13:55	Twilight	47.000	176	23Zet Tau	3.0200	22000.	94	38960	No
289	GOM_NL__2PRFIN20090812_211707_000000772081_00329_38960_7825.N1	12-AUG-2009 21:17:07	Dark	76.500	13	87Alp Tau	0.86700	3800.0	153	38960	No
290	GOM_NL__2PRFIN20090812_211855_000000472081_00329_38960_7826.N1	12-AUG-2009 21:18:55	Dark	46.500	27	24Gam Ori	1.6360	26000.	93	38960	No
291	GOM_NL__2PRFIN20090812_212051_000000462081_00329_38960_7827.N1	12-AUG-2009 21:20:51	Dark	45.500	30	46Eps Ori	1.6940	30000.	91	38960	No
292	GOM_NL__2PRFIN20090812_212215_000000452081_00329_38960_7828.N1	12-AUG-2009 21:22:15	Dark	44.500	125	44lot Ori	2.7700	30000.	89	38960	No
293	GOM_NL__2PRFIN20090812_212342_000000582081_00329_38960_7829.N1	12-AUG-2009 21:23:42	Dark	57.500	7	19Bet Ori	0.10000	14000.	115	38960	No
294	GOM_NL__2PRFIN20090812_213906_000000522081_00330_38961_7824.N1	12-AUG-2009 21:39:06	Dark	51.500	157	The1Eri	2.9060	9300.0	103	38961	No
295	GOM_NL__2PRFIN20090812_214910_000000612081_00330_38961_7825.N1	12-AUG-2009 21:49:10	Straylight	60.500	84	Alp Phe	2.3970	4500.0	121	38961	No
296	GOM_NL__2PRFIN20090812_215702_000000552081_00330_38961_7826.N1	12-AUG-2009 21:57:02	Twilight	55.000	18	24Alp PsA	1.1660	9700.0	110	38961	No
297	GOM_NL__2PRFIN20090812_220257_000000622081_00330_38961_7827.N1	12-AUG-2009 22:02:57	Bright	62.000	142	49Del Cap	2.8500	8900.0	124	38961	No
298	GOM_NL__2PRFIN20090812_220632_000000432081_00330_38961_7828.N1	12-AUG-2009 22:06:32	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	38961	No
299	GOM_NL__2PRFIN20090812_220845_000000512081_00330_38961_7829.N1	12-AUG-2009 22:08:45	Bright	51.000	162	34Alp Aqr	2.9440	5350.0	102	38961	No
300	GOM_NL__2PRFIN20090812_221200_000000682081_00330_38961_7830.N1	12-AUG-2009 22:12:00	Bright	68.000	61	8Eps Peg	2.1000	3900.0	136	38961	No
301	GOM_NL__2PRFIN20090812_221823_000000382081_00330_38961_7831.N1	12-AUG-2009 22:18:23	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	38961	No
302	GOM_NL__2PRFIN20090812_222659_000000402081_00330_38961_7832.N1	12-AUG-2009 22:26:59	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38961	No
303	GOM_NL__2PRFIN20090812_223212_000000462081_00330_38961_7833.N1	12-AUG-2009 22:32:12	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	38961	No
304	GOM_NL__2PRFIN20090812_223423_000000452081_00330_38961_7834.N1	12-AUG-2009 22:34:23	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	38961	No
305	GOM_NL__2PRFIN20090812_224132_000000522081_00330_38961_7835.N1	12-AUG-2009 22:41:32	Bright	52.000	160	23Gam Per	2.9300	4700.0	104	38961	No
306	GOM_NL__2PRFIN20090812_224443_000000522081_00330_38961_7836.N1	12-AUG-2009 22:44:43	Bright	51.500	175	39Del Per	3.0100	19400.	103	38961	No
307	GOM_NL__2PRFIN20090812_224627_000000482081_00330_38961_7837.N1	12-AUG-2009 22:46:27	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	38961	No
308	GOM_NL__2PRFIN20090812_225214_000000502081_00330_38961_7838.N1	12-AUG-2009 22:52:14	Twilight	50.000	28	12Bet Tau	1.6500	15200.	100	38961	No
309	GOM_NL__2PRFIN20090812_225431_000000462081_00330_38961_7839.N1	12-AUG-2009 22:54:31	Twilight	45.500	176	23Zet Tau	3.0200	22000.	91	38961	No
310	GOM_NL__2PRFIN20090812_225744_000000732081_00330_38961_7840.N1	12-AUG-2009 22:57:44	Dark	72.500	13	87Alp Tau	0.86700	3800.0	145	38961	No
311	GOM_NL__2PRFIN20090812_225932_000000492081_00330_38961_7841.N1	12-AUG-2009 22:59:32	Dark	48.500	27	24Gam Ori	1.6360	26000.	97	38961	No
312	GOM_NL__2PRFIN20090812_230128_000000502081_00330_38961_7842.N1	12-AUG-2009 23:01:28	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	38961	No
313	GOM_NL__2PRFIN20090812_230252_000000442081_00330_38961_7843.N1	12-AUG-2009 23:02:52	Dark	44.000	125	44lot Ori	2.7700	30000.	88	38961	No
314	GOM_NL__2PRFIN20090812_230419_000000632081_00330_38961_7844.N1	12-AUG-2009 23:04:19	Dark	63.000	7	19Bet Ori	0.10000	14000.	126	38961	No
315	GOM_NL__2PRFIN20090812_231943_000000502081_00331_38962_7842.N1	12-AUG-2009 23:19:43	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38962	No
316	GOM_NL__2PRFIN20090812_232947_000000622081_00331_38962_7843.N1	12-AUG-2009 23:29:47	Straylight	62.000	84	Alp Phe	2.3970	4500.0	124	38962	No
317	GOM_NL__2PRFIN20090812_233737_000000552081_00331_38962_7844.N1	12-AUG-2009 23:37:37	Twilight	55.000	18	24Alp PsA	1.1660	9700.0	110	38962	No
318	GOM_NL__2PRFIN20090812_234333_000000452081_00331_38962_7845.N1	12-AUG-2009 23:43:33	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	38962	No
319	GOM_NL__2PRFIN20090812_234708_000000432081_00331_38962_7846.N1	12-AUG-2009 23:47:08	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	38962	No
320	GOM_NL__2PRFIN20090812_234921_000000512081_00331_38962_7847.N1	12-AUG-2009 23:49:21	Bright	50.500	162	34Alp Aqr	2.9440	5350.0	101	38962	No
321	GOM_NL__2PRFIN20090812_235236_000000472081_00331_38962_7848.N1	12-AUG-2009 23:52:36	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	38962	No
322	GOM_NL__2PRFIN20090812_235859_000000372081_00331_38962_7849.N1	12-AUG-2009 23:58:59	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	38962	No

3. Quality information per product

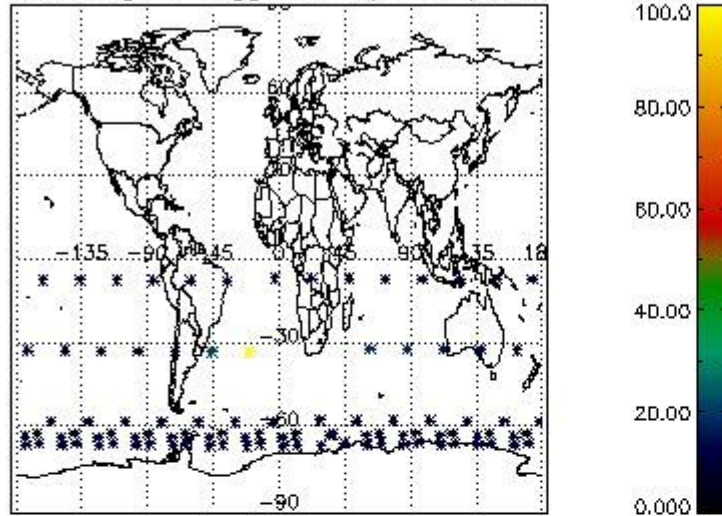
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

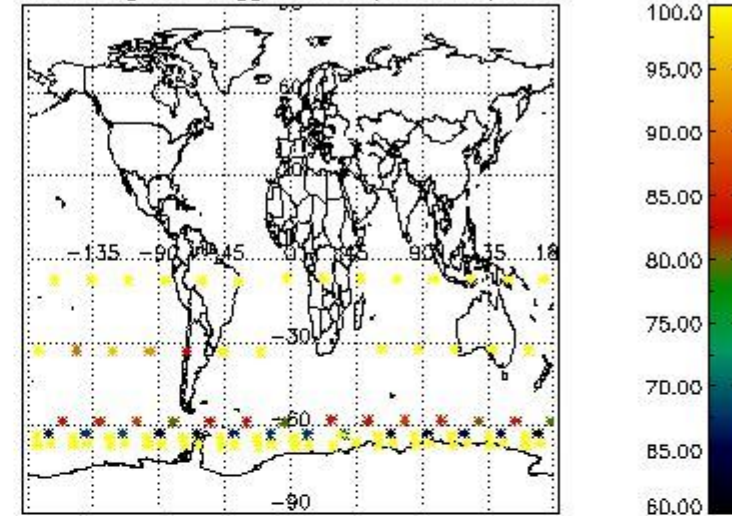


3.2 Plot quality information per product (world map)

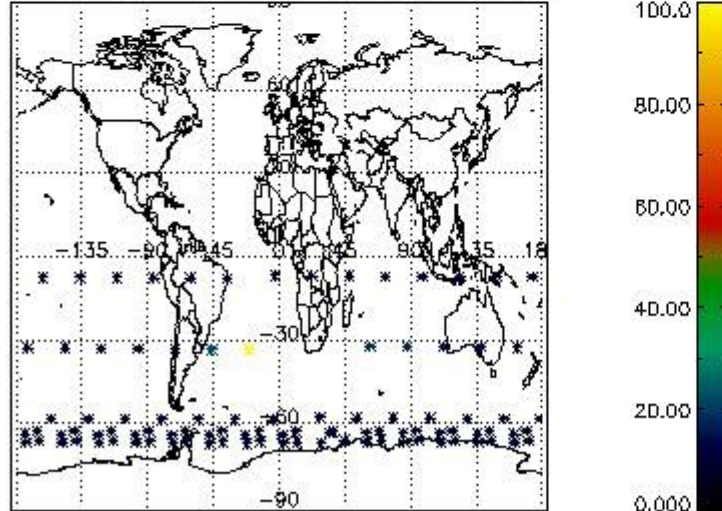
Percentage of flagged data per O3 profile



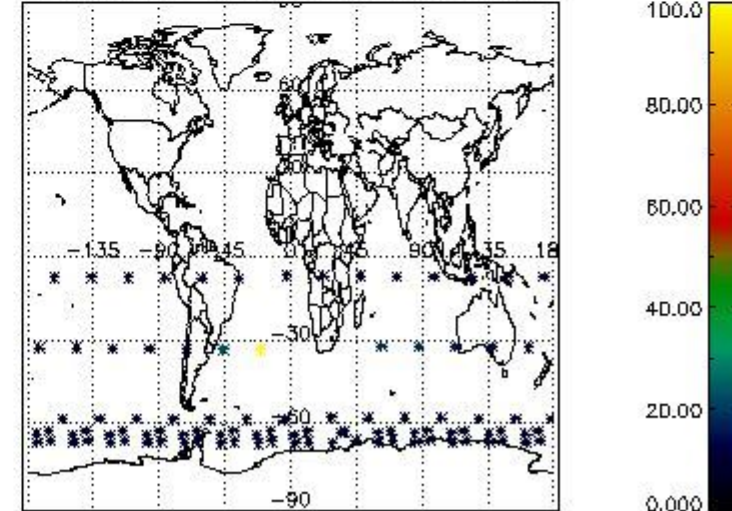
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

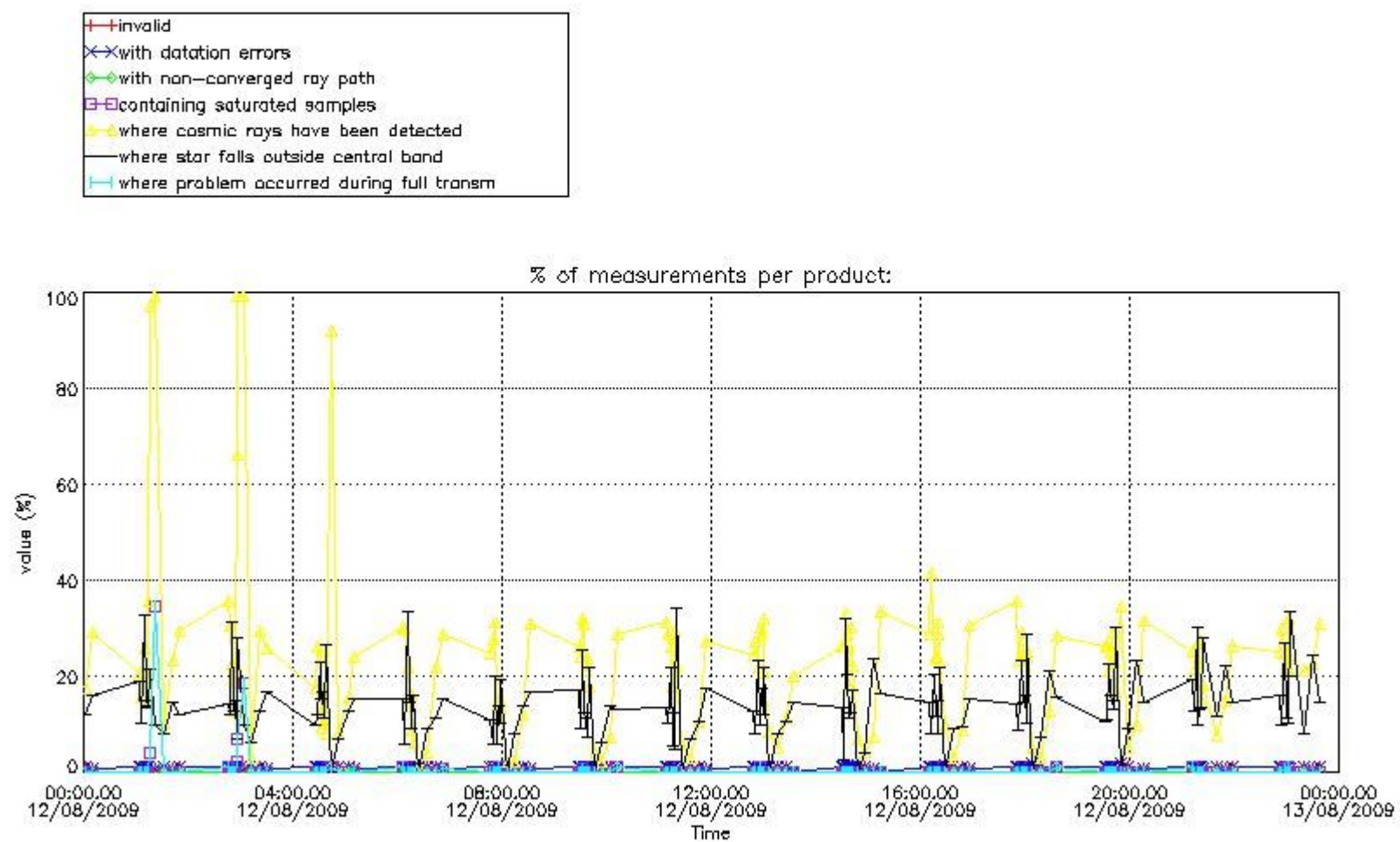


4. Level 1 quality information per product

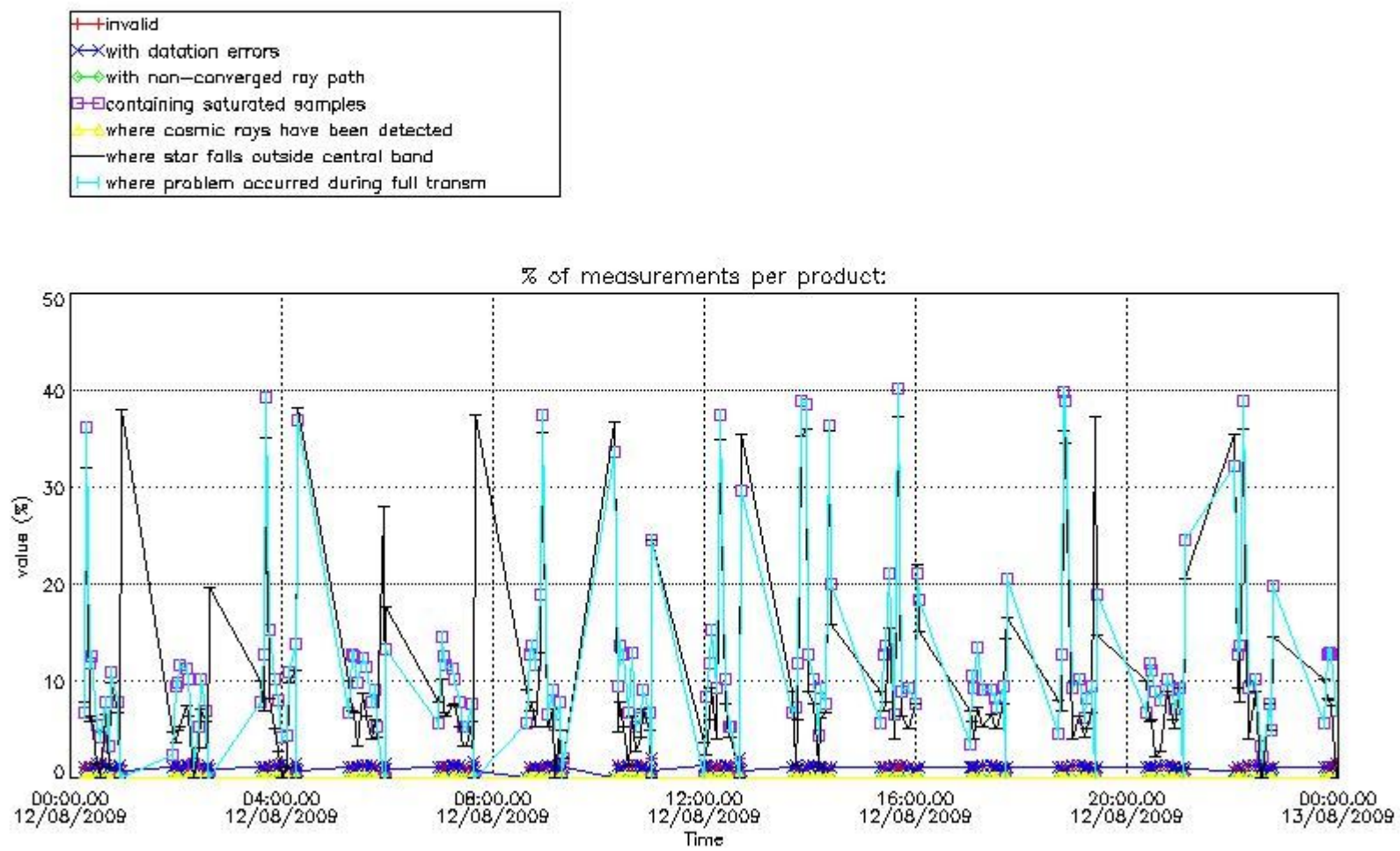
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

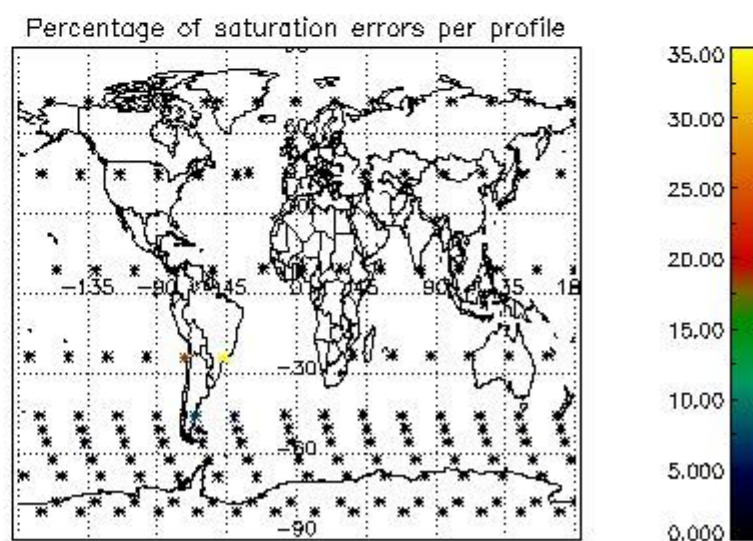
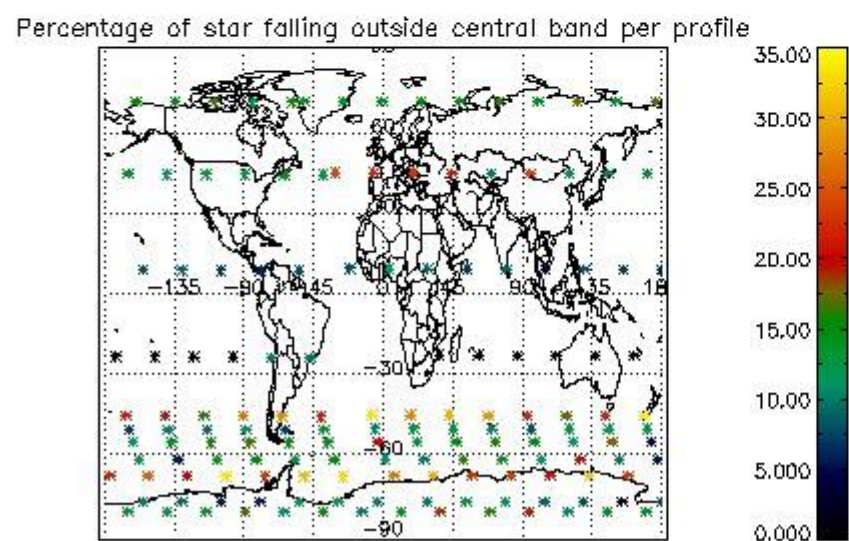
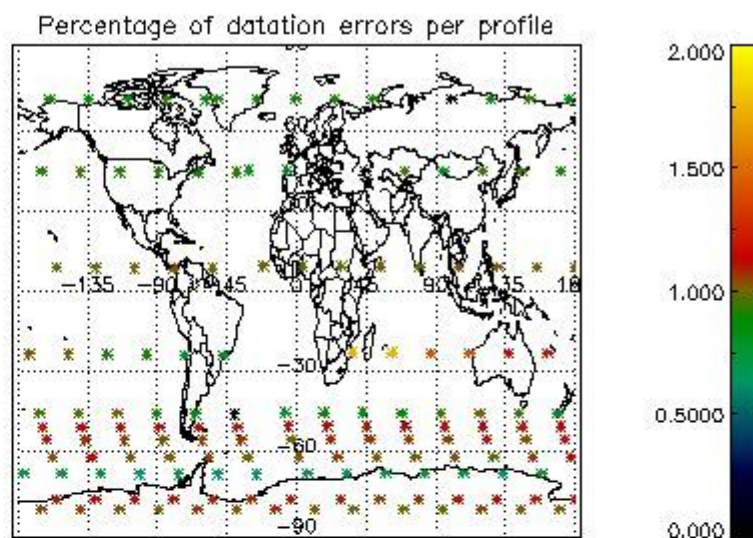
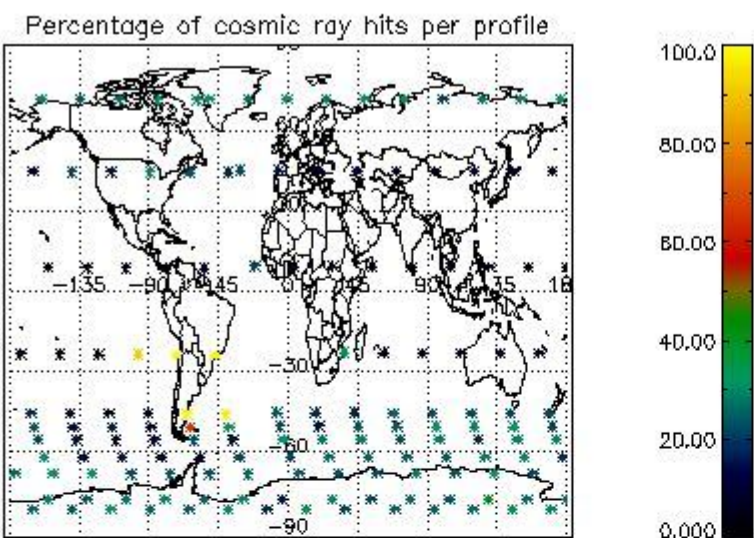


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

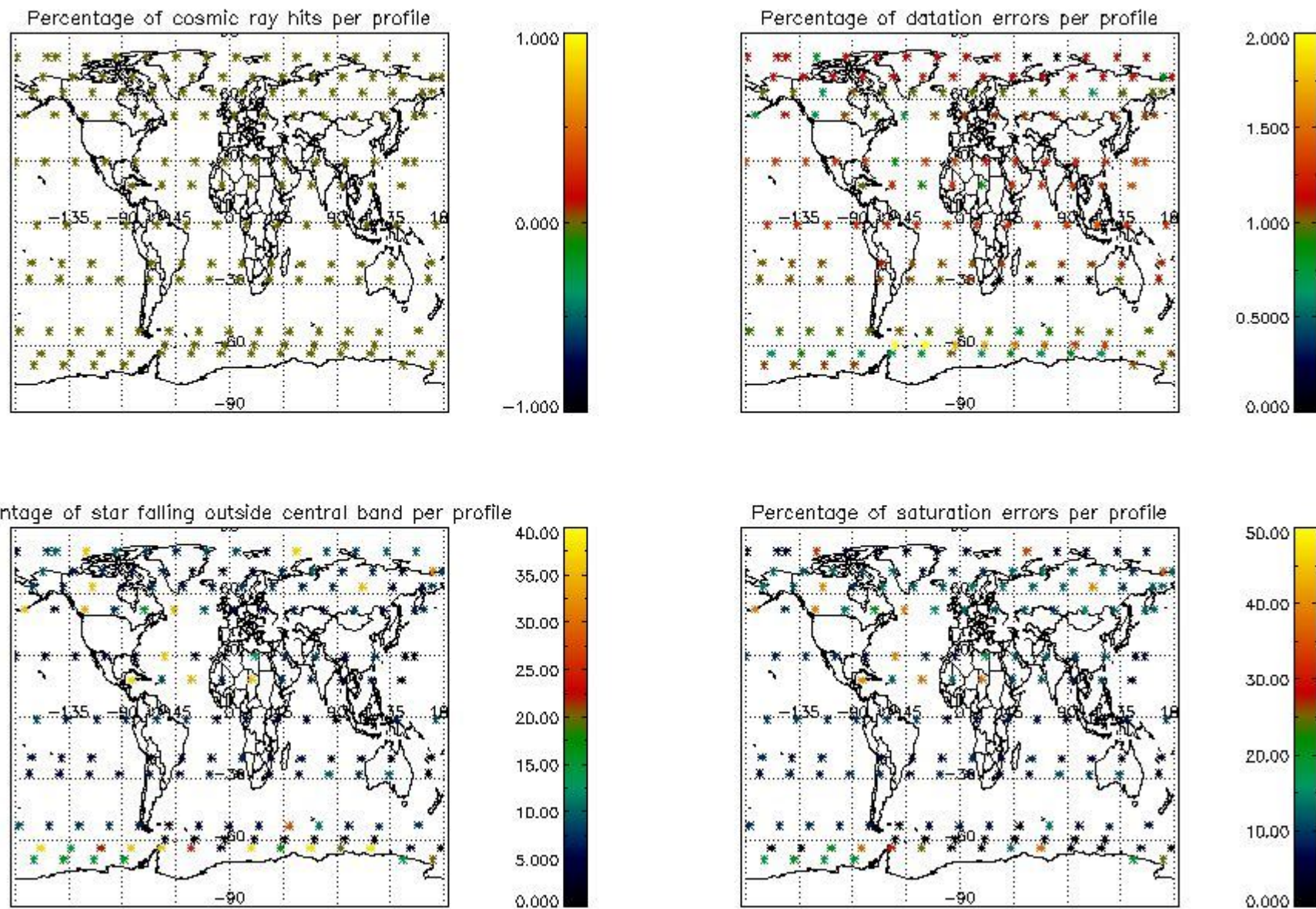


4.2 Plot quality information per product coming from level 1b processing (world map)

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

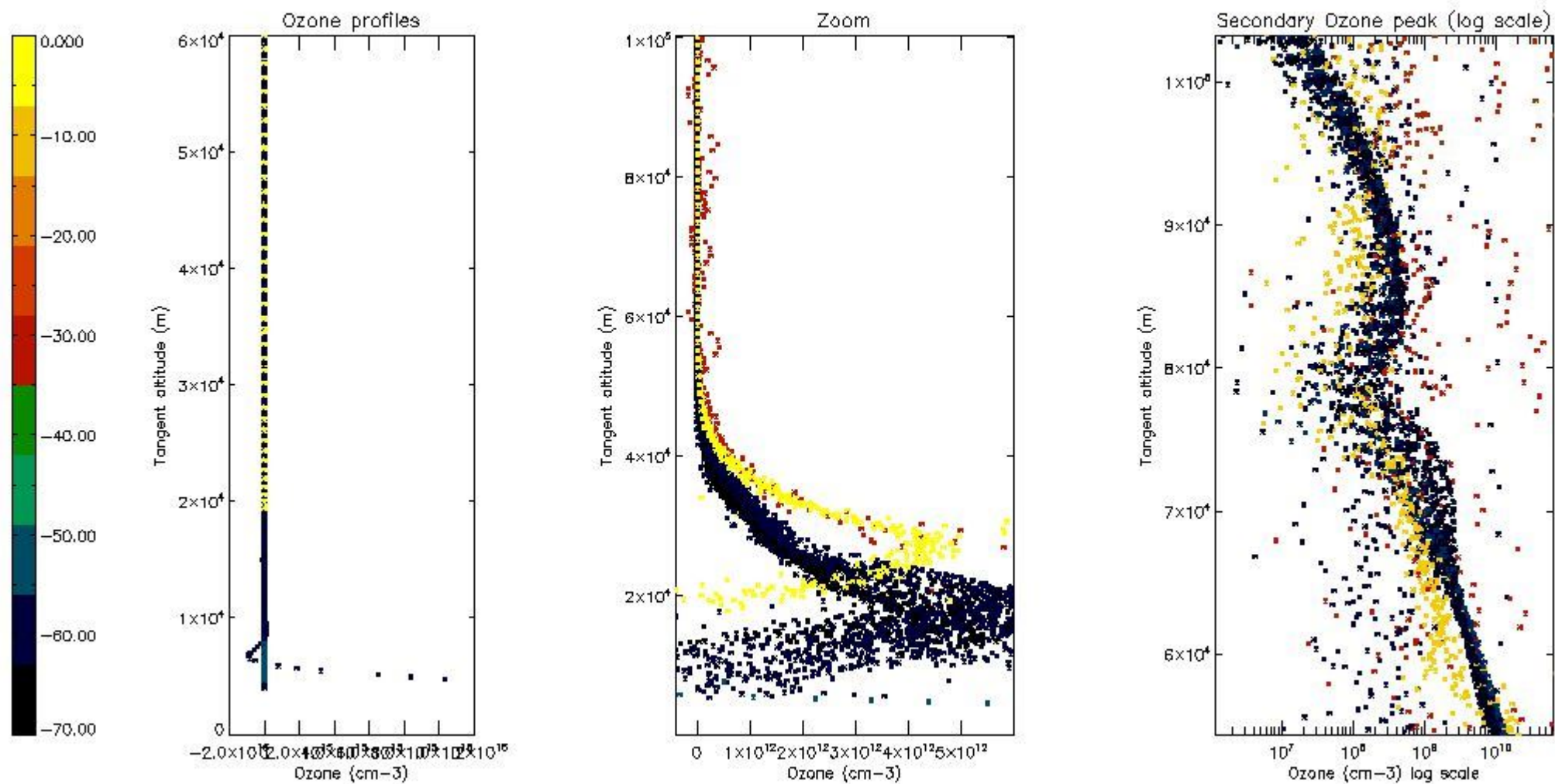
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	31
STD < 20	17

STD < 10	14
STD < 5	9

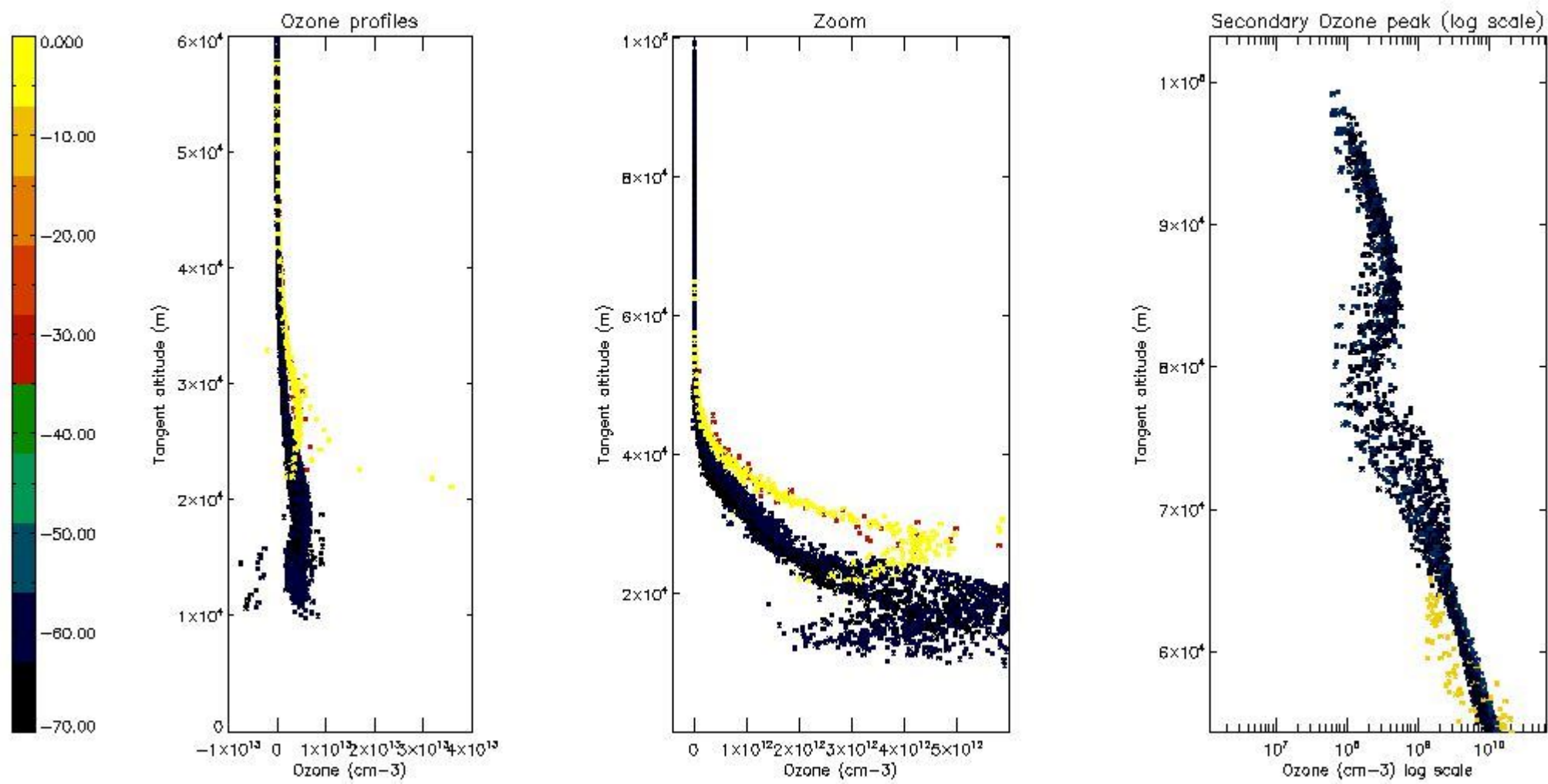
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



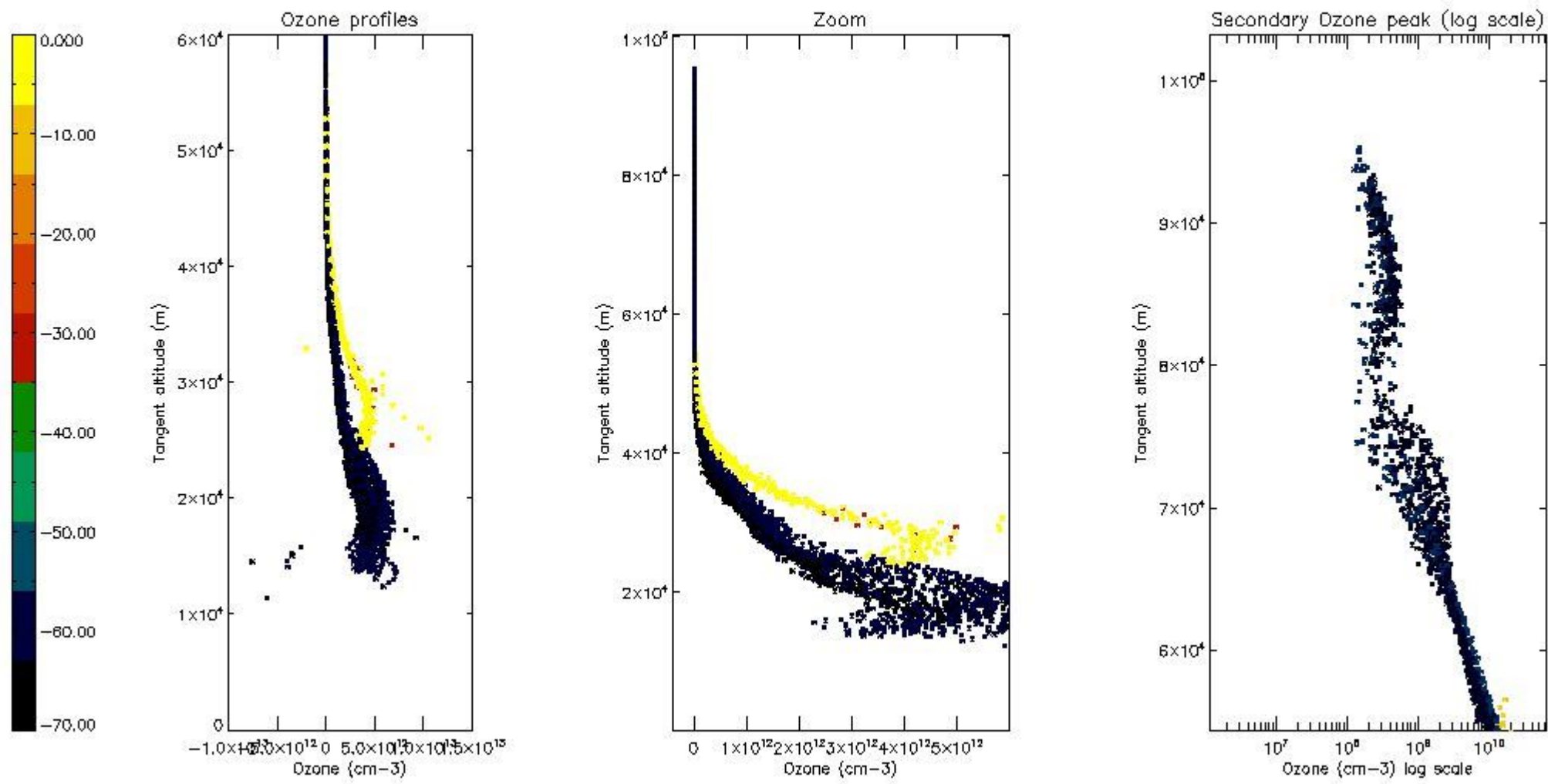
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



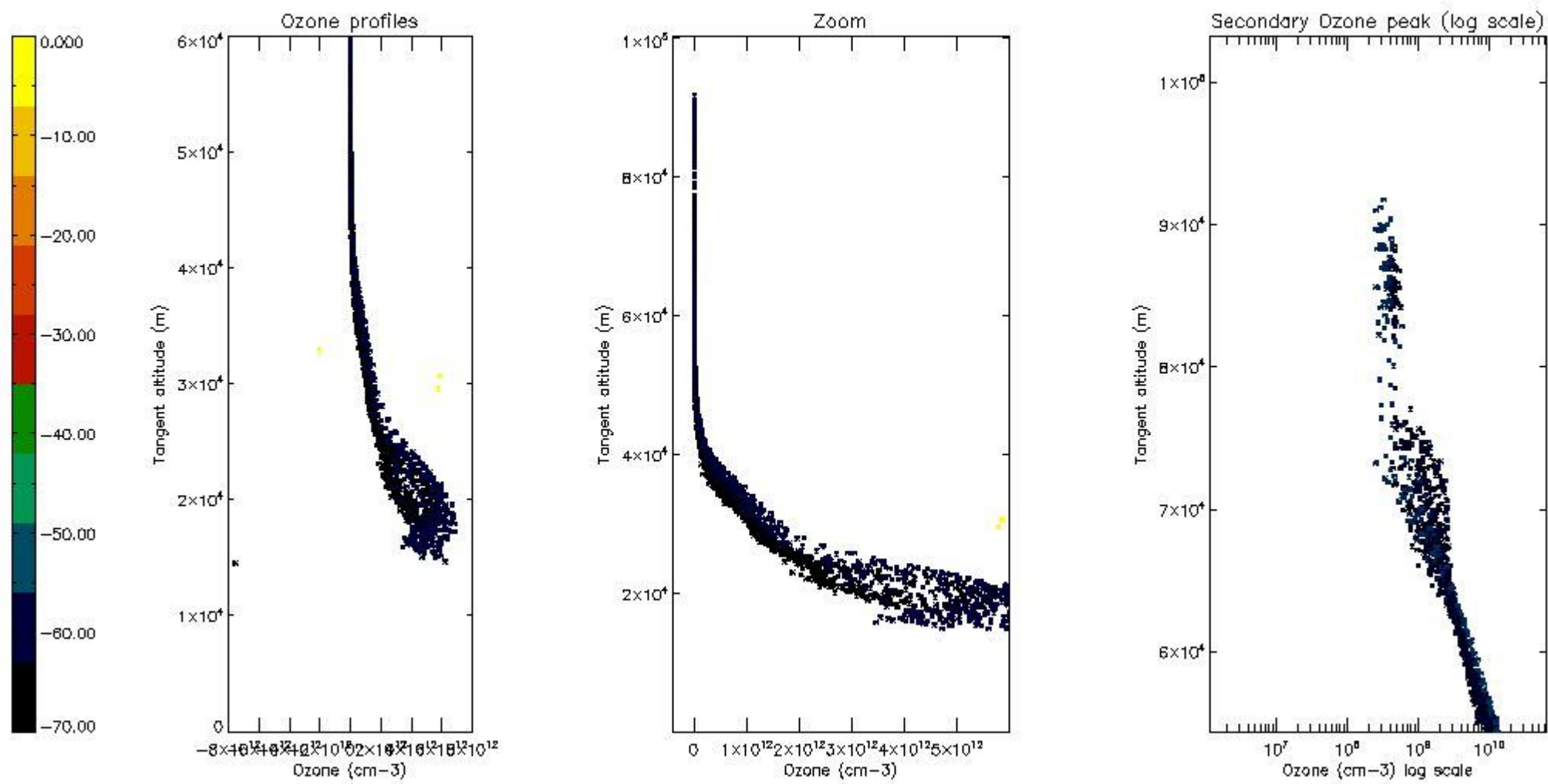
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



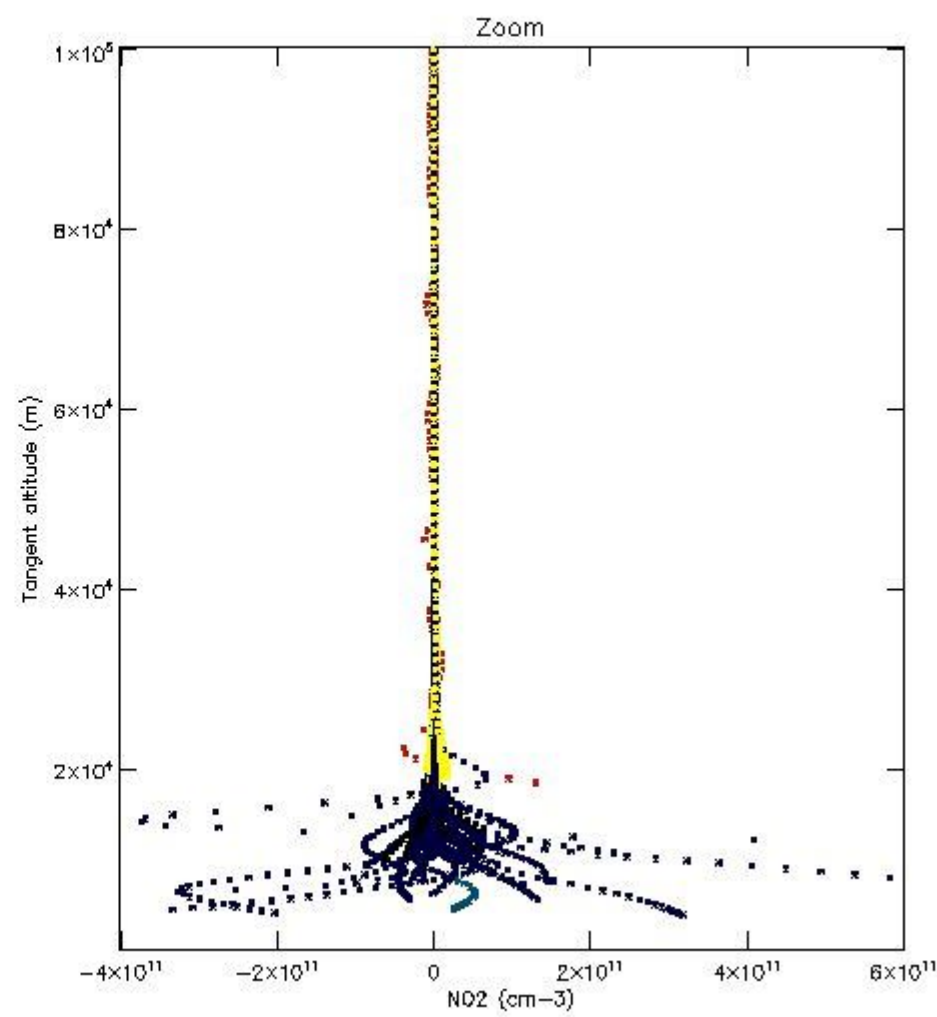
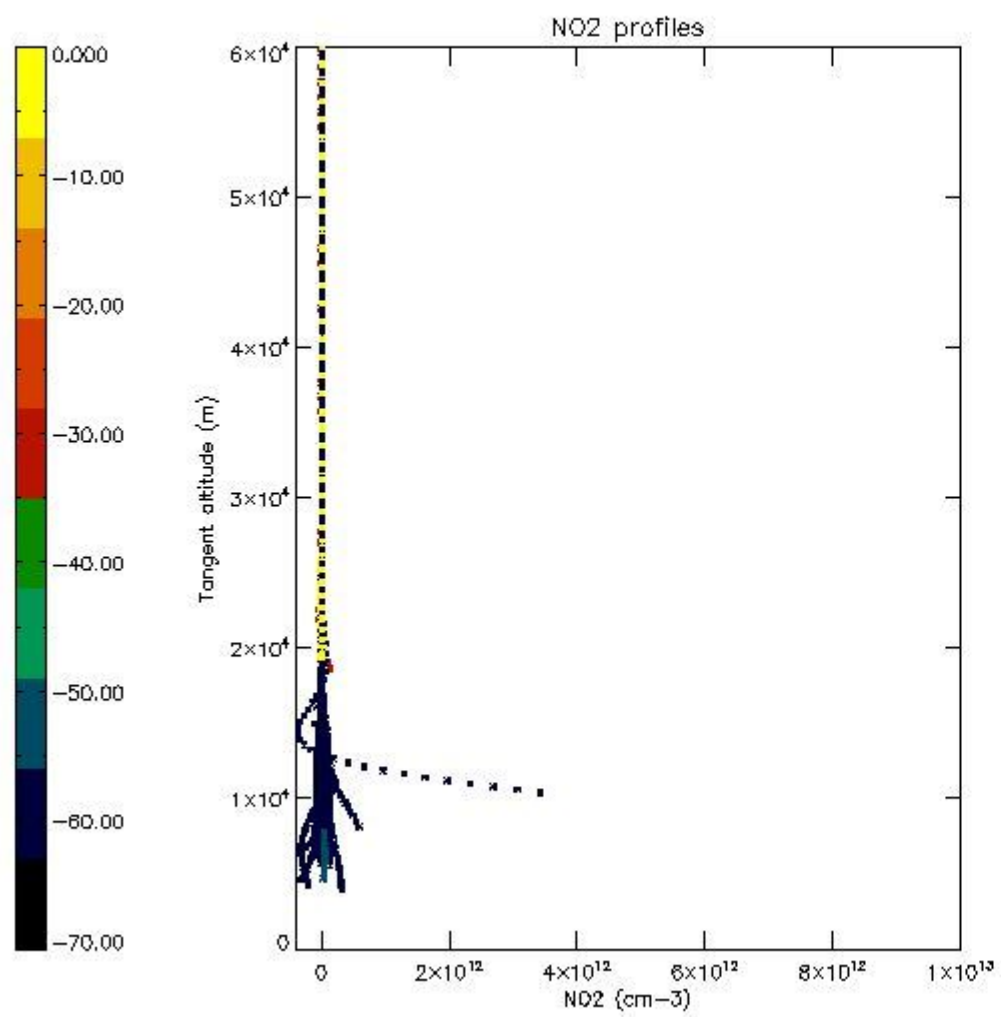
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



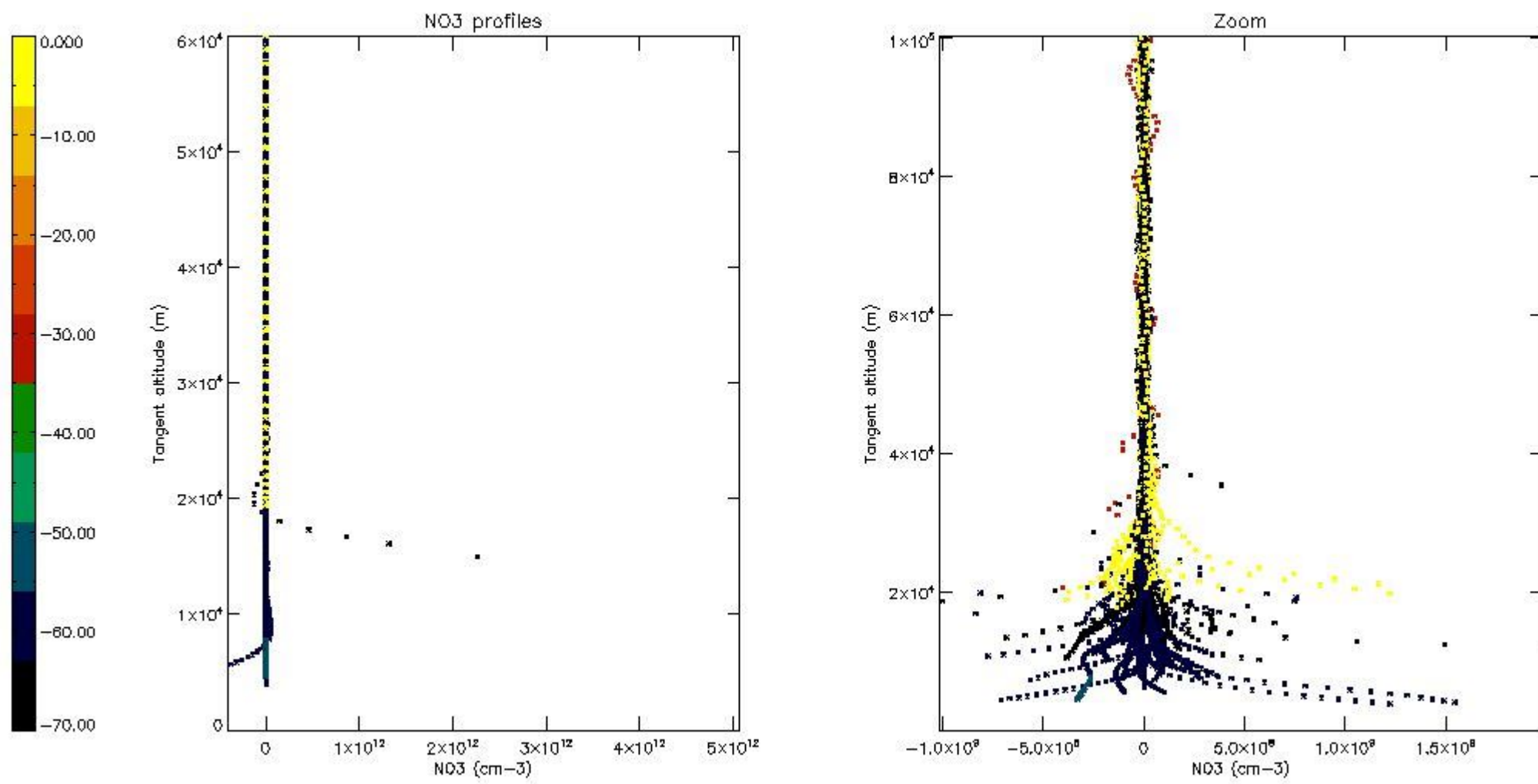
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



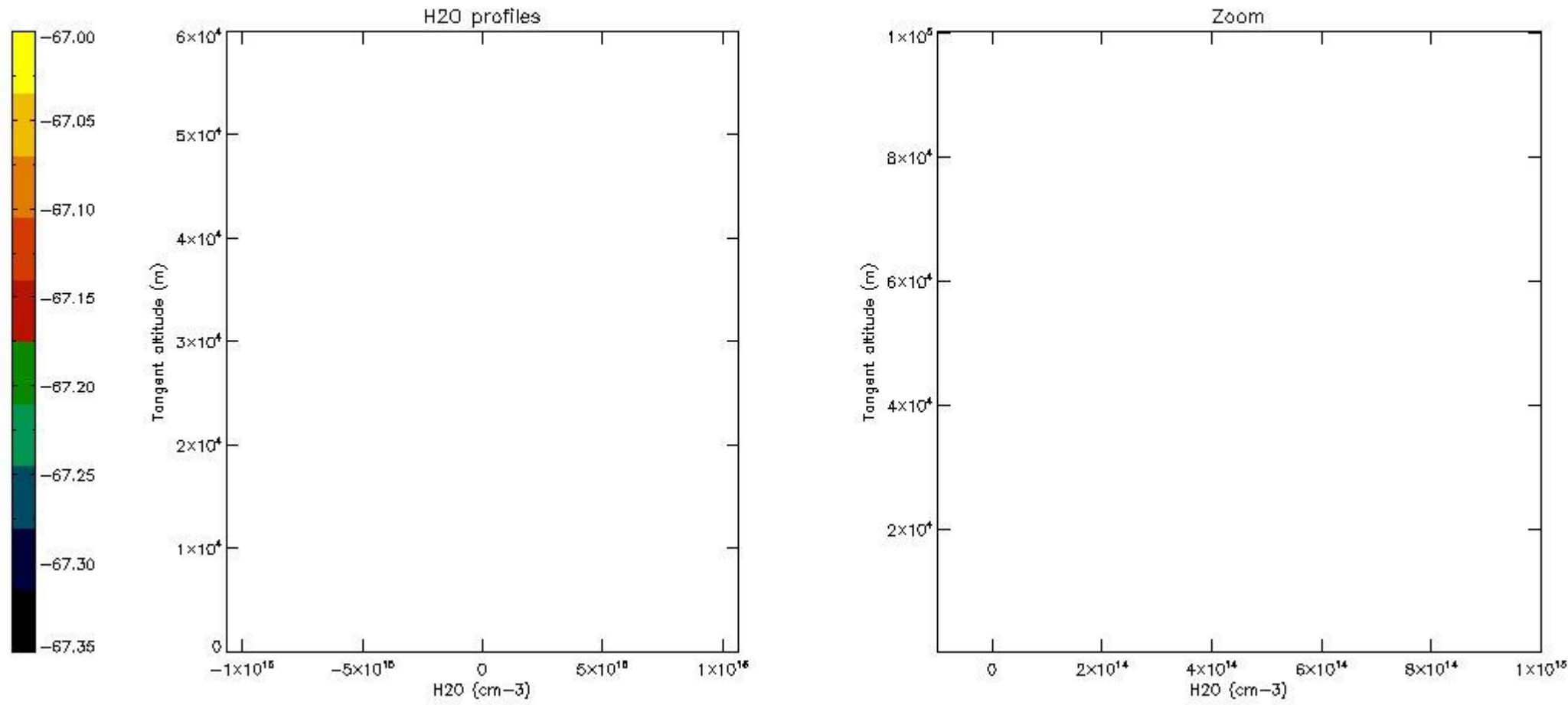
5.7 Plot NO3 profiles for all STD (dark without errors)

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	12-AUG-2009 00:01:12
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	12-AUG-2009 00:01:12
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	12-AUG-2009 00:01:12

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	26APR2013 11:43:55
Data source version	GOMOS/6.01
Start time of products	12-08-2009 (12AUG2009 00:00:00)
Stop time of products	13-08-2009 (13AUG2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	322
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__2PRFIN20090812_000112_000000542081_00317_38948_7579.N1	12-AUG-2009 00:01:12	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	38948	No
2	GOM_NL__2PRFIN20090812_000908_000000572081_00317_38948_7580.N1	12-AUG-2009 00:09:08	Twilight_stray	56.500	18	24Alp PsA	1.1660	9700.0	113	38948	No
3	GOM_NL__2PRFIN20090812_001509_000000452081_00317_38948_7581.N1	12-AUG-2009 00:15:09	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	38948	No
4	GOM_NL__2PRFIN20090812_001845_000000602081_00317_38948_7582.N1	12-AUG-2009 00:18:45	Bright	59.500	154	22Bet Aqr	2.8990	5700.0	119	38948	No
5	GOM_NL__2PRFIN20090812_002102_000000512081_00317_38948_7583.N1	12-AUG-2009 00:21:02	Bright	51.000	162	34Alp Aqr	2.9440	5350.0	102	38948	No
6	GOM_NL__2PRFIN20090812_002418_000000482081_00317_38948_7584.N1	12-AUG-2009 00:24:18	Bright	47.500	61	8Eps Peg	2.1000	3900.0	95	38948	No
7	GOM_NL__2PRFIN20090812_003040_000000372081_00317_38948_7585.N1	12-AUG-2009 00:30:40	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	38948	No
8	GOM_NL__2PRFIN20090812_003352_000000362081_00317_38948_7586.N1	12-AUG-2009 00:33:52	Bright	35.500	19	50Alp Cyg	1.2460	10500.	71	38948	No
9	GOM_NL__2PRFIN20090812_003916_000000392081_00317_38948_7587.N1	12-AUG-2009 00:39:16	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38948	No
10	GOM_NL__2PRFIN20090812_004435_000000462081_00317_38948_7588.N1	12-AUG-2009 00:44:35	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	38948	No
11	GOM_NL__2PRFIN20090812_004646_000000512081_00317_38948_7589.N1	12-AUG-2009 00:46:46	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38948	No
12	GOM_NL__2PRFIN20090812_005352_000000522081_00317_38948_7590.N1	12-AUG-2009 00:53:52	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	38948	No
13	GOM_NL__2PRFIN20090812_005546_000000382081_00317_38948_7591.N1	12-AUG-2009 00:55:46	Bright	38.000	35	33Alp Per	1.7950	6250.0	76	38948	No
14	GOM_NL__2PRFIN20090812_005701_000000752081_00317_38948_7592.N1	12-AUG-2009 00:57:01	Bright	75.000	175	39Del Per	3.0100	19400.	150	38948	No
15	GOM_NL__2PRFIN20090812_010425_000000512081_00317_38948_7593.N1	12-AUG-2009 01:04:25	Twilight_stray	50.500	28	12Bet Tau	1.6500	15200.	101	38948	No
16	GOM_NL__2PRFIN20090812_010640_000000452081_00317_38948_7594.N1	12-AUG-2009 01:06:40	Twilight_stray	45.000	176	23Zet Tau	3.0200	22000.	90	38948	No
17	GOM_NL__2PRFIN20090812_010948_000000782081_00317_38948_7595.N1	12-AUG-2009 01:09:48	Dark	78.000	13	87Alp Tau	0.86700	3800.0	156	38948	No
18	GOM_NL__2PRFIN20090812_011138_000000502081_00317_38948_7596.N1	12-AUG-2009 01:11:38	Dark	50.000	27	24Gam Ori	1.6360	26000.	100	38948	No
19	GOM_NL__2PRFIN20090812_011334_000000472081_00317_38948_7597.N1	12-AUG-2009 01:13:34	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	38948	No
20	GOM_NL__2PRFIN20090812_011457_000000452081_00317_38948_7598.N1	12-AUG-2009 01:14:57	Dark	45.000	125	44Iot Ori	2.7700	30000.	90	38948	No
21	GOM_NL__2PRFIN20090812_011623_000000522081_00317_38948_7599.N1	12-AUG-2009 01:16:23	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	38948	No
22	GOM_NL__2PRFIN20090812_012237_000000622081_00317_38948_7600.N1	12-AUG-2009 01:22:37	Dark	62.000	165	34Gam Eri	2.9500	3200.0	124	38948	No
23	GOM_NL__2PRFIN20090812_013141_000000502081_00318_38949_7594.N1	12-AUG-2009 01:31:41	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38949	No
24	GOM_NL__2PRFIN20090812_014149_000000562081_00318_38949_7595.N1	12-AUG-2009 01:41:49	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	38949	No
25	GOM_NL__2PRFIN20090812_014944_000000542081_00318_38949_7596.N1	12-AUG-2009 01:49:44	Twilight_stray	54.000	18	24Alp PsA	1.1660	9700.0	108	38949	No
26	GOM_NL__2PRFIN20090812_015544_000000432081_00318_38949_7597.N1	12-AUG-2009 01:55:44	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	38949	No
27	GOM_NL__2PRFIN20090812_015921_000000422081_00318_38949_7598.N1	12-AUG-2009 01:59:21	Bright	42.000	154	22Bet Aqr	2.8990	5700.0	84	38949	No
28	GOM_NL__2PRFIN20090812_020138_000000512081_00318_38949_7599.N1	12-AUG-2009 02:01:38	Bright	50.500	162	34Alp Aqr	2.9440	5350.0	101	38949	No
29	GOM_NL__2PRFIN20090812_020454_000000472081_00318_38949_7600.N1	12-AUG-2009 02:04:54	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	38949	No
30	GOM_NL__2PRFIN20090812_021115_000000402081_00318_38949_7601.N1	12-AUG-2009 02:11:15	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	38949	No
31	GOM_NL__2PRFIN20090812_021427_000000392081_00318_38949_7602.N1	12-AUG-2009 02:14:27	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	38949	No
32	GOM_NL__2PRFIN20090812_021951_000000352081_00318_38949_7603.N1	12-AUG-2009 02:19:51	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	38949	No
33	GOM_NL__2PRFIN20090812_022510_000000482081_00318_38949_7604.N1	12-AUG-2009 02:25:10	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	38949	No
34	GOM_NL__2PRFIN20090812_022721_000000492081_00318_38949_7605.N1	12-AUG-2009 02:27:21	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38949	No
35	GOM_NL__2PRFIN20090812_023428_000000512081_00318_38949_7606.N1	12-AUG-2009 02:34:28	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	38949	No
36	GOM_NL__2PRFIN20090812_023622_000000382081_00318_38949_7607.N1	12-AUG-2009 02:36:22	Bright	38.000	35	33Alp Per	1.7950	6250.0	76	38949	No
37	GOM_NL__2PRFIN20090812_023736_000000592081_00318_38949_7608.N1	12-AUG-2009 02:37:36	Bright	58.500	175	39Del Per	3.0100	19400.	117	38949	No
38	GOM_NL__2PRFIN20090812_024501_000000492081_00318_38949_7609.N1	12-AUG-2009 02:45:01	Twilight_stray	49.000	28	12Bet Tau	1.6500	15200.	98	38949	No
39	GOM_NL__2PRFIN20090812_024717_000000462081_00318_38949_7610.N1	12-AUG-2009 02:47:17	Twilight_stray	46.000	176	23Zet Tau	3.0200	22000.	92	38949	No
40	GOM_NL__2PRFIN20090812_025025_000000762081_00318_38949_7611.N1	12-AUG-2009 02:50:25	Dark	75.500	13	87Alp Tau	0.86700	3800.0	151	38949	No
41	GOM_NL__2PRFIN20090812_025214_000000482081_00318_38949_7612.N1	12-AUG-2009 02:52:14	Dark	47.500	27	24Gam Ori	1.6360	26000.	95	38949	No
42	GOM_NL__2PRFIN20090812_025410_000000472081_00318_38949_7613.N1	12-AUG-2009 02:54:10	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	38949	No

43	GOM_NL__2PRFIN20090812_025534_000000432081_00318_38949_7614.N1	12-AUG-2009 02:55:34	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	38949	No
44	GOM_NL__2PRFIN20090812_025659_000000572081_00318_38949_7615.N1	12-AUG-2009 02:56:59	Dark	57.000	7	19Bet Ori	0.10000	14000.	114	38949	No
45	GOM_NL__2PRFIN20090812_030314_000000622081_00318_38949_7616.N1	12-AUG-2009 03:03:14	Dark	62.000	165	34Gam Eri	2.9500	3200.0	124	38949	No
46	GOM_NL__2PRFIN20090812_031218_000000492081_00319_38950_7628.N1	12-AUG-2009 03:12:18	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38950	No
47	GOM_NL__2PRFIN20090812_032225_000000552081_00319_38950_7629.N1	12-AUG-2009 03:22:25	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38950	No
48	GOM_NL__2PRFIN20090812_033021_000000572081_00319_38950_7630.N1	12-AUG-2009 03:30:21	Tw_i_and_stray	56.500	18	24Alp PsA	1.1660	9700.0	113	38950	No
49	GOM_NL__2PRFIN20090812_033621_000000452081_00319_38950_7631.N1	12-AUG-2009 03:36:21	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	38950	No
50	GOM_NL__2PRFIN20090812_033957_000000442081_00319_38950_7632.N1	12-AUG-2009 03:39:57	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	38950	No
51	GOM_NL__2PRFIN20090812_034214_000000742081_00319_38950_7633.N1	12-AUG-2009 03:42:14	Bright	74.000	162	34Alp Aqr	2.9440	5350.0	148	38950	No
52	GOM_NL__2PRFIN20090812_034530_000000492081_00319_38950_7634.N1	12-AUG-2009 03:45:30	Bright	49.000	61	8Eps Peg	2.1000	3900.0	98	38950	No
53	GOM_NL__2PRFIN20090812_035151_000000392081_00319_38950_7635.N1	12-AUG-2009 03:51:51	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	38950	No
54	GOM_NL__2PRFIN20090812_035503_000000382081_00319_38950_7636.N1	12-AUG-2009 03:55:03	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	38950	No
55	GOM_NL__2PRFIN20090812_040027_000000372081_00319_38950_7637.N1	12-AUG-2009 04:00:27	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	38950	No
56	GOM_NL__2PRFIN20090812_040545_000000472081_00319_38950_7638.N1	12-AUG-2009 04:05:45	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	38950	No
57	GOM_NL__2PRFIN20090812_040756_000000512081_00319_38950_7639.N1	12-AUG-2009 04:07:56	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38950	No
58	GOM_NL__2PRFIN20090812_041503_000000552081_00319_38950_7640.N1	12-AUG-2009 04:15:03	Bright	54.500	160	23Gam Per	2.9300	4700.0	109	38950	No
59	GOM_NL__2PRFIN20090812_041657_000000332081_00319_38950_7641.N1	12-AUG-2009 04:16:57	Tw_i_and_stray	33.000	35	33Alp Per	1.7950	6250.0	66	38950	No
60	GOM_NL__2PRFIN20090812_041812_000000762081_00319_38950_7642.N1	12-AUG-2009 04:18:12	Bright	76.000	175	39Del Per	3.0100	19400.	152	38950	No
61	GOM_NL__2PRFIN20090812_042537_000000462081_00319_38950_7643.N1	12-AUG-2009 04:25:37	Tw_i_and_stray	46.000	28	12Bet Tau	1.6500	15200.	92	38950	No
62	GOM_NL__2PRFIN20090812_042753_000000462081_00319_38950_7644.N1	12-AUG-2009 04:27:53	Tw_i_and_stray	46.000	176	23Zet Tau	3.0200	22000.	92	38950	No
63	GOM_NL__2PRFIN20090812_043102_000000682081_00319_38950_7645.N1	12-AUG-2009 04:31:02	Dark	68.000	13	87Alp Tau	0.86700	3800.0	136	38950	No
64	GOM_NL__2PRFIN20090812_043251_000000502081_00319_38950_7646.N1	12-AUG-2009 04:32:51	Dark	49.500	27	24Gam Ori	1.6360	26000.	99	38950	No
65	GOM_NL__2PRFIN20090812_043447_000000482081_00319_38950_7647.N1	12-AUG-2009 04:34:47	Dark	48.000	30	46Eps Ori	1.6940	30000.	96	38950	No
66	GOM_NL__2PRFIN20090812_043610_000000442081_00319_38950_7648.N1	12-AUG-2009 04:36:10	Dark	44.000	125	44Iot Ori	2.7700	30000.	88	38950	No
67	GOM_NL__2PRFIN20090812_043736_000000572081_00319_38950_7649.N1	12-AUG-2009 04:37:36	Dark	56.500	7	19Bet Ori	0.10000	14000.	113	38950	No
68	GOM_NL__2PRFIN20090812_044352_000000552081_00319_38950_7650.N1	12-AUG-2009 04:43:52	Dark	55.000	165	34Gam Eri	2.9500	3200.0	110	38950	No
69	GOM_NL__2PRFIN20090812_045256_000000502081_00320_38951_7642.N1	12-AUG-2009 04:52:56	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38951	No
70	GOM_NL__2PRFIN20090812_050302_000000552081_00320_38951_7643.N1	12-AUG-2009 05:03:02	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38951	No
71	GOM_NL__2PRFIN20090812_051057_000000562081_00320_38951_7644.N1	12-AUG-2009 05:10:57	Tw_i_and_stray	56.000	18	24Alp PsA	1.1660	9700.0	112	38951	No
72	GOM_NL__2PRFIN20090812_051656_000000452081_00320_38951_7645.N1	12-AUG-2009 05:16:56	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	38951	No
73	GOM_NL__2PRFIN20090812_052033_000000442081_00320_38951_7646.N1	12-AUG-2009 05:20:33	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	38951	No
74	GOM_NL__2PRFIN20090812_052249_000000522081_00320_38951_7647.N1	12-AUG-2009 05:22:49	Bright	51.500	162	34Alp Aqr	2.9440	5350.0	103	38951	No
75	GOM_NL__2PRFIN20090812_052605_000000462081_00320_38951_7648.N1	12-AUG-2009 05:26:05	Bright	46.000	61	8Eps Peg	2.1000	3900.0	92	38951	No
76	GOM_NL__2PRFIN20090812_053227_000000412081_00320_38951_7649.N1	12-AUG-2009 05:32:27	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	38951	No
77	GOM_NL__2PRFIN20090812_053539_000000392081_00320_38951_7650.N1	12-AUG-2009 05:35:39	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	38951	No
78	GOM_NL__2PRFIN20090812_054103_000000382081_00320_38951_7651.N1	12-AUG-2009 05:41:03	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	38951	No
79	GOM_NL__2PRFIN20090812_054620_000000502081_00320_38951_7652.N1	12-AUG-2009 05:46:20	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38951	No
80	GOM_NL__2PRFIN20090812_054832_000000482081_00320_38951_7653.N1	12-AUG-2009 05:48:32	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38951	No
81	GOM_NL__2PRFIN20090812_055539_000000662081_00320_38951_7654.N1	12-AUG-2009 05:55:39	Bright	66.000	160	23Gam Per	2.9300	4700.0	132	38951	No
82	GOM_NL__2PRFIN20090812_055733_000000332081_00320_38951_7655.N1	12-AUG-2009 05:57:33	Tw_i_and_stray	33.000	35	33Alp Per	1.7950	6250.0	66	38951	No
83	GOM_NL__2PRFIN20090812_055847_000000572081_00320_38951_7656.N1	12-AUG-2009 05:58:47	Bright	56.500	175	39Del Per	3.0100	19400.	113	38951	No
84	GOM_NL__2PRFIN20090812_060613_000000502081_00320_38951_7657.N1	12-AUG-2009 06:06:13	Tw_i_and_stray	49.500	28	12Bet Tau	1.6500	15200.	99	38951	No
85	GOM_NL__2PRFIN20090812_060829_000000442081_00320_38951_7658.N1	12-AUG-2009 06:08:29	Tw_i_and_stray	43.500	176	23Zet Tau	3.0200	22000.	87	38951	No
86	GOM_NL__2PRFIN20090812_061138_000000782081_00320_38951_7659.N1	12-AUG-2009 06:11:38	Dark	78.000	13	87Alp Tau	0.86700	3800.0	156	38951	No
87	GOM_NL__2PRFIN20090812_061327_000000492081_00320_38951_7660.N1	12-AUG-2009 06:13:27	Dark	48.500	27	24Gam Ori	1.6360	26000.	97	38951	No
88	GOM_NL__2PRFIN20090812_061523_000000472081_00320_38951_7661.N1	12-AUG-2009 06:15:23	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	38951	No
89	GOM_NL__2PRFIN20090812_061647_000000442081_00320_38951_7662.N1	12-AUG-2009 06:16:47	Dark	43.500	125	44Iot Ori	2.7700	30000.	87	38951	No
90	GOM_NL__2PRFIN20090812_061813_000000502081_00320_38951_7663.N1	12-AUG-2009 06:18:13	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	38951	No
91	GOM_NL__2PRFIN20090812_062429_000000552081_00320_38951_7664.N1	12-AUG-2009 06:24:29	Dark	55.000	165	34Gam Eri	2.9500	3200.0	110	38951	No
92	GOM_NL__2PRFIN20090812_063333_000000502081_00321_38952_7656.N1	12-AUG-2009 06:33:33	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38952	No
93	GOM_NL__2PRFIN20090812_064339_000000532081_00321_38952_7657.N1	12-AUG-2009 06:43:39	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	38952	No
94	GOM_NL__2PRFIN20090812_065134_000000562081_00321_38952_7658.N1	12-AUG-2009 06:51:34	Tw_i_and_stray	55.500	18	24Alp PsA	1.1660	9700.0	111	38952	No
95	GOM_NL__2PRFIN20090812_065733_000000452081_00321_38952_7659.N1	12-AUG-2009 06:57:33	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	38952	No
96	GOM_NL__2PRFIN20090812_070109_000000452081_00321_38952_7660.N1	12-AUG-2009 07:01:09	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	38952	No
97	GOM_NL__2PRFIN20090812_070325_000000522081_00321_38952_7661.N1	12-AUG-2009 07:03:25	Bright	51.500	162	34Alp Aqr	2.9440	5350.0	103	38952	No
98	GOM_NL__2PRFIN20090812_070641_000000472081_00321_38952_7662.N1	12-AUG-2009 07:06:41	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	38952	No
99	GOM_NL__2PRFIN20090812_071302_000000402081_00321_38952_7663.N1	12-AUG-2009 07:13:02	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	38952	No
100	GOM_NL__2PRFIN20090812_071614_000000392081_00321_38952_7664.N1	12-AUG-2009 07:16:14	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	38952	No
101	GOM_NL__2PRFIN20090812_072139_000000392081_00321_38952_7665.N1	12-AUG-2009 07:21:39	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38952	No

102	GOM_NL__2PRFIN20090812_072656_000000472081_00321_38952_7666.N1	12-AUG-2009 07:26:56	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	38952	No
103	GOM_NL__2PRFIN20090812_072907_000000472081_00321_38952_7667.N1	12-AUG-2009 07:29:07	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38952	No
104	GOM_NL__2PRFIN20090812_073614_000000522081_00321_38952_7668.N1	12-AUG-2009 07:36:14	Bright	52.000	160	23Gam Per	2.9300	4700.0	104	38952	No
105	GOM_NL__2PRFIN20090812_073808_000000292081_00321_38952_7669.N1	12-AUG-2009 07:38:08	Tw_i_and_stray	29.000	35	33Alp Per	1.7950	6250.0	58	38952	No
106	GOM_NL__2PRFIN20090812_073923_000000762081_00321_38952_7670.N1	12-AUG-2009 07:39:23	Bright	76.000	175	39Del Per	3.0100	19400.	152	38952	No
107	GOM_NL__2PRFIN20090812_074649_000000472081_00321_38952_7671.N1	12-AUG-2009 07:46:49	Tw_i_and_stray	46.500	28	12Bet Tau	1.6500	15200.	93	38952	No
108	GOM_NL__2PRFIN20090812_074905_000000442081_00321_38952_7672.N1	12-AUG-2009 07:49:05	Tw_i_and_stray	43.500	176	23Zet Tau	3.0200	22000.	87	38952	No
109	GOM_NL__2PRFIN20090812_075215_000000662081_00321_38952_7673.N1	12-AUG-2009 07:52:15	Dark	65.500	13	87Alp Tau	0.86700	3800.0	131	38952	No
110	GOM_NL__2PRFIN20090812_075404_000000442081_00321_38952_7674.N1	12-AUG-2009 07:54:04	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	38952	No
111	GOM_NL__2PRFIN20090812_075600_000000472081_00321_38952_7675.N1	12-AUG-2009 07:56:00	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	38952	No
112	GOM_NL__2PRFIN20090812_075723_000000442081_00321_38952_7676.N1	12-AUG-2009 07:57:23	Dark	44.000	125	44lot Ori	2.7700	30000.	88	38952	No
113	GOM_NL__2PRFIN20090812_075849_000000522081_00321_38952_7677.N1	12-AUG-2009 07:58:49	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	38952	No
114	GOM_NL__2PRFIN20090812_080507_000000492081_00321_38952_7678.N1	12-AUG-2009 08:05:07	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	38952	No
115	GOM_NL__2PRFIN20090812_081410_000000502081_00322_38953_7667.N1	12-AUG-2009 08:14:10	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38953	No
116	GOM_NL__2PRFIN20090812_082416_000000552081_00322_38953_7668.N1	12-AUG-2009 08:24:16	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38953	No
117	GOM_NL__2PRFIN20090812_083210_000000572081_00322_38953_7669.N1	12-AUG-2009 08:32:10	Tw_i_and_stray	56.500	18	24Alp PsA	1.1660	9700.0	113	38953	No
118	GOM_NL__2PRFIN20090812_083809_000000442081_00322_38953_7670.N1	12-AUG-2009 08:38:09	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	38953	No
119	GOM_NL__2PRFIN20090812_084145_000000442081_00322_38953_7671.N1	12-AUG-2009 08:41:45	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	38953	No
120	GOM_NL__2PRFIN20090812_084400_000000522081_00322_38953_7672.N1	12-AUG-2009 08:44:00	Bright	51.500	162	34Alp Aqr	2.9440	5350.0	103	38953	No
121	GOM_NL__2PRFIN20090812_084716_000000472081_00322_38953_7673.N1	12-AUG-2009 08:47:16	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	38953	No
122	GOM_NL__2PRFIN20090812_085338_000000432081_00322_38953_7674.N1	12-AUG-2009 08:53:38	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	38953	No
123	GOM_NL__2PRFIN20090812_085650_000000562081_00322_38953_7675.N1	12-AUG-2009 08:56:50	Bright	56.000	19	50Alp Cyg	1.2460	10500.	112	38953	No
124	GOM_NL__2PRFIN20090812_090214_000000382081_00322_38953_7676.N1	12-AUG-2009 09:02:14	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	38953	No
125	GOM_NL__2PRFIN20090812_090731_000000502081_00322_38953_7677.N1	12-AUG-2009 09:07:31	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38953	No
126	GOM_NL__2PRFIN20090812_090942_000000472081_00322_38953_7678.N1	12-AUG-2009 09:09:42	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	38953	No
127	GOM_NL__2PRFIN20090812_091649_000000522081_00322_38953_7679.N1	12-AUG-2009 09:16:49	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	38953	No
128	GOM_NL__2PRFIN20090812_091844_000000292081_00322_38953_7680.N1	12-AUG-2009 09:18:44	Tw_i_and_stray	29.000	35	33Alp Per	1.7950	6250.0	58	38953	No
129	GOM_NL__2PRFIN20090812_091959_000000492081_00322_38953_7681.N1	12-AUG-2009 09:19:59	Bright	49.000	175	39Del Per	3.0100	19400.	98	38953	No
130	GOM_NL__2PRFIN20090812_092725_000000502081_00322_38953_7682.N1	12-AUG-2009 09:27:25	Tw_i_and_stray	50.000	28	12Bet Tau	1.6500	15200.	100	38953	No
131	GOM_NL__2PRFIN20090812_092942_000000442081_00322_38953_7683.N1	12-AUG-2009 09:29:42	Tw_i_and_stray	44.000	176	23Zet Tau	3.0200	22000.	88	38953	No
132	GOM_NL__2PRFIN20090812_093251_000000712081_00322_38953_7684.N1	12-AUG-2009 09:32:51	Dark	70.500	13	87Alp Tau	0.86700	3800.0	141	38953	No
133	GOM_NL__2PRFIN20090812_093440_000000492081_00322_38953_7685.N1	12-AUG-2009 09:34:40	Dark	48.500	27	24Gam Ori	1.6360	26000.	97	38953	No
134	GOM_NL__2PRFIN20090812_093636_000000452081_00322_38953_7686.N1	12-AUG-2009 09:36:36	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	38953	No
135	GOM_NL__2PRFIN20090812_093800_000000422081_00322_38953_7687.N1	12-AUG-2009 09:38:00	Dark	42.000	125	44lot Ori	2.7700	30000.	84	38953	No
136	GOM_NL__2PRFIN20090812_093926_000000532081_00322_38953_7688.N1	12-AUG-2009 09:39:26	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	38953	No
137	GOM_NL__2PRFIN20090812_094544_000000492081_00322_38953_7689.N1	12-AUG-2009 09:45:44	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	38953	No
138	GOM_NL__2PRFIN20090812_095447_000000492081_00323_38954_7684.N1	12-AUG-2009 09:54:47	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38954	No
139	GOM_NL__2PRFIN20090812_100453_000000552081_00323_38954_7685.N1	12-AUG-2009 10:04:53	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38954	No
140	GOM_NL__2PRFIN20090812_101247_000000542081_00323_38954_7686.N1	12-AUG-2009 10:12:47	Tw_i_and_stray	54.000	18	24Alp PsA	1.1660	9700.0	108	38954	No
141	GOM_NL__2PRFIN20090812_101845_000000632081_00323_38954_7687.N1	12-AUG-2009 10:18:45	Bright	62.500	142	49Del Cap	2.8500	8900.0	125	38954	No
142	GOM_NL__2PRFIN20090812_102221_000000422081_00323_38954_7688.N1	12-AUG-2009 10:22:21	Bright	42.000	154	22Bet Aqr	2.8990	5700.0	84	38954	No
143	GOM_NL__2PRFIN20090812_102436_000000522081_00323_38954_7689.N1	12-AUG-2009 10:24:36	Bright	51.500	162	34Alp Aqr	2.9440	5350.0	103	38954	No
144	GOM_NL__2PRFIN20090812_102752_000000472081_00323_38954_7690.N1	12-AUG-2009 10:27:52	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	38954	No
145	GOM_NL__2PRFIN20090812_103414_000000372081_00323_38954_7691.N1	12-AUG-2009 10:34:14	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	38954	No
146	GOM_NL__2PRFIN20090812_103726_000000392081_00323_38954_7692.N1	12-AUG-2009 10:37:26	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	38954	No
147	GOM_NL__2PRFIN20090812_104250_000000382081_00323_38954_7693.N1	12-AUG-2009 10:42:50	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	38954	No
148	GOM_NL__2PRFIN20090812_104806_000000492081_00323_38954_7694.N1	12-AUG-2009 10:48:06	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	38954	No
149	GOM_NL__2PRFIN20090812_105017_000000502081_00323_38954_7695.N1	12-AUG-2009 10:50:17	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	38954	No
150	GOM_NL__2PRFIN20090812_105725_000000522081_00323_38954_7696.N1	12-AUG-2009 10:57:25	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	38954	No
151	GOM_NL__2PRFIN20090812_105919_000000252081_00323_38954_7697.N1	12-AUG-2009 10:59:19	Tw_i_and_stray	25.000	35	33Alp Per	1.7950	6250.0	50	38954	No
152	GOM_NL__2PRFIN20090812_110034_000000652081_00323_38954_7698.N1	12-AUG-2009 11:00:34	Bright	65.000	175	39Del Per	3.0100	19400.	130	38954	No
153	GOM_NL__2PRFIN20090812_110801_000000482081_00323_38954_7699.N1	12-AUG-2009 11:08:01	Tw_i_and_stray	48.000	28	12Bet Tau	1.6500	15200.	96	38954	No
154	GOM_NL__2PRFIN20090812_111018_000000452081_00323_38954_7700.N1	12-AUG-2009 11:10:18	Tw_i_and_stray	45.000	176	23Zet Tau	3.0200	22000.	90	38954	No
155	GOM_NL__2PRFIN20090812_111328_000000672081_00323_38954_7701.N1	12-AUG-2009 11:13:28	Dark	67.000	13	87Alp Tau	0.86700	3800.0	134	38954	No
156	GOM_NL__2PRFIN20090812_111517_000000452081_00323_38954_7702.N1	12-AUG-2009 11:15:17	Dark	44.500	27	24Gam Ori	1.6360	26000.	89	38954	No
157	GOM_NL__2PRFIN20090812_111713_000000432081_00323_38954_7703.N1	12-AUG-2009 11:17:13	Dark	42.500	30	46Eps Ori	1.6940	30000.	85	38954	No
158	GOM_NL__2PRFIN20090812_111836_000000442081_00323_38954_7704.N1	12-AUG-2009 11:18:36	Dark	44.000	125	44lot Ori	2.7700	30000.	88	38954	No
159	GOM_NL__2PRFIN20090812_112003_000000632081_00323_38954_7705.N1	12-AUG-2009 11:20:03	Dark	63.000	7	19Bet Ori	0.10000	14000.	126	38954	No
160	GOM_NL__2PRFIN20090812_112622_000000422081_00323_38954_7706.N1	12-AUG-2009 11:26:22	Dark	42.000	165	34Gam Eri	2.9500	3200.0	84	38954	No

161	GOM_NL__2PRFIN20090812_113524_000000502081_00324_38955_7698.N1	12-AUG-2009 11:35:24	Dark	49.500	157	The1Eri	2.9060	9300.0	99	38955	No
162	GOM_NL__2PRFIN20090812_114530_000000532081_00324_38955_7699.N1	12-AUG-2009 11:45:30	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	38955	No
163	GOM_NL__2PRFIN20090812_115323_000000572081_00324_38955_7700.N1	12-AUG-2009 11:53:23	Tw_i_and_stray	57.000	18	24Alp PsA	1.1660	9700.0	114	38955	No
164	GOM_NL__2PRFIN20090812_115921_000000422081_00324_38955_7701.N1	12-AUG-2009 11:59:21	Bright	41.500	142	49Del Cap	2.8500	8900.0	83	38955	No
165	GOM_NL__2PRFIN20090812_120256_000000422081_00324_38955_7702.N1	12-AUG-2009 12:02:56	Bright	41.500	154	22Bet Aqr	2.8990	5700.0	83	38955	No
166	GOM_NL__2PRFIN20090812_120512_000000512081_00324_38955_7703.N1	12-AUG-2009 12:05:12	Bright	50.500	162	34Alp Aqr	2.9440	5350.0	101	38955	No
167	GOM_NL__2PRFIN20090812_120827_000000492081_00324_38955_7704.N1	12-AUG-2009 12:08:27	Bright	49.000	61	8Eps Peg	2.1000	3900.0	98	38955	No
168	GOM_NL__2PRFIN20090812_121449_000000382081_00324_38955_7705.N1	12-AUG-2009 12:14:49	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	38955	No
169	GOM_NL__2PRFIN20090812_121801_000000562081_00324_38955_7706.N1	12-AUG-2009 12:18:01	Bright	56.000	19	50Alp Cyg	1.2460	10500.	112	38955	No
170	GOM_NL__2PRFIN20090812_122325_000000402081_00324_38955_7707.N1	12-AUG-2009 12:23:25	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38955	No
171	GOM_NL__2PRFIN20090812_122841_000000482081_00324_38955_7708.N1	12-AUG-2009 12:28:41	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38955	No
172	GOM_NL__2PRFIN20090812_123052_000000482081_00324_38955_7709.N1	12-AUG-2009 12:30:52	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38955	No
173	GOM_NL__2PRFIN20090812_123800_000000492081_00324_38955_7710.N1	12-AUG-2009 12:38:00	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	38955	No
174	GOM_NL__2PRFIN20090812_123955_000000252081_00324_38955_7711.N1	12-AUG-2009 12:39:55	Tw_i_and_stray	25.000	35	33Alp Per	1.7950	6250.0	50	38955	No
175	GOM_NL__2PRFIN20090812_124110_000000762081_00324_38955_7712.N1	12-AUG-2009 12:41:10	Bright	76.000	175	39Del Per	3.0100	19400.	152	38955	No
176	GOM_NL__2PRFIN20090812_124837_000000482081_00324_38955_7713.N1	12-AUG-2009 12:48:37	Tw_i_and_stray	47.500	28	12Bet Tau	1.6500	15200.	95	38955	No
177	GOM_NL__2PRFIN20090812_125054_000000442081_00324_38955_7714.N1	12-AUG-2009 12:50:54	Tw_i_and_stray	44.000	176	23Zet Tau	3.0200	22000.	88	38955	No
178	GOM_NL__2PRFIN20090812_125404_000000692081_00324_38955_7715.N1	12-AUG-2009 12:54:04	Dark	68.500	13	87Alp Tau	0.86700	3800.0	137	38955	No
179	GOM_NL__2PRFIN20090812_125553_000000472081_00324_38955_7716.N1	12-AUG-2009 12:55:53	Dark	46.500	27	24Gam Ori	1.6360	26000.	93	38955	No
180	GOM_NL__2PRFIN20090812_125749_000000492081_00324_38955_7717.N1	12-AUG-2009 12:57:49	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	38955	No
181	GOM_NL__2PRFIN20090812_125912_000000462081_00324_38955_7718.N1	12-AUG-2009 12:59:12	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	38955	No
182	GOM_NL__2PRFIN20090812_130039_000000532081_00324_38955_7719.N1	12-AUG-2009 13:00:39	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	38955	No
183	GOM_NL__2PRFIN20090812_130659_000000422081_00324_38955_7720.N1	12-AUG-2009 13:06:59	Dark	42.000	165	34Gam Eri	2.9500	3200.0	84	38955	No
184	GOM_NL__2PRFIN20090812_131601_000000492081_00325_38956_7712.N1	12-AUG-2009 13:16:01	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38956	No
185	GOM_NL__2PRFIN20090812_132606_000000532081_00325_38956_7713.N1	12-AUG-2009 13:26:06	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	38956	No
186	GOM_NL__2PRFIN20090812_133359_000000552081_00325_38956_7714.N1	12-AUG-2009 13:33:59	Tw_i_and_stray	55.000	18	24Alp PsA	1.1660	9700.0	110	38956	No
187	GOM_NL__2PRFIN20090812_133957_000000452081_00325_38956_7715.N1	12-AUG-2009 13:39:57	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	38956	No
188	GOM_NL__2PRFIN20090812_134332_000000412081_00325_38956_7716.N1	12-AUG-2009 13:43:32	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	38956	No
189	GOM_NL__2PRFIN20090812_134547_000000512081_00325_38956_7717.N1	12-AUG-2009 13:45:47	Bright	50.500	162	34Alp Aqr	2.9440	5350.0	101	38956	No
190	GOM_NL__2PRFIN20090812_134903_000000682081_00325_38956_7718.N1	12-AUG-2009 13:49:03	Bright	68.000	61	8Eps Peg	2.1000	3900.0	136	38956	No
191	GOM_NL__2PRFIN20090812_135525_000000572081_00325_38956_7719.N1	12-AUG-2009 13:55:25	Bright	57.000	92	53Eps Cyg	2.5000	4500.0	114	38956	No
192	GOM_NL__2PRFIN20090812_135837_000000402081_00325_38956_7720.N1	12-AUG-2009 13:58:37	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	38956	No
193	GOM_NL__2PRFIN20090812_140401_000000402081_00325_38956_7721.N1	12-AUG-2009 14:04:01	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38956	No
194	GOM_NL__2PRFIN20090812_140916_000000462081_00325_38956_7722.N1	12-AUG-2009 14:09:16	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	38956	No
195	GOM_NL__2PRFIN20090812_141127_000000492081_00325_38956_7723.N1	12-AUG-2009 14:11:27	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	38956	No
196	GOM_NL__2PRFIN20090812_141835_000000522081_00325_38956_7724.N1	12-AUG-2009 14:18:35	Bright	52.000	160	23Gam Per	2.9300	4700.0	104	38956	No
197	GOM_NL__2PRFIN20090812_142145_000000762081_00325_38956_7725.N1	12-AUG-2009 14:21:45	Bright	75.500	175	39Del Per	3.0100	19400.	151	38956	No
198	GOM_NL__2PRFIN20090812_142327_000000482081_00325_38956_7726.N1	12-AUG-2009 14:23:27	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	38956	No
199	GOM_NL__2PRFIN20090812_142914_000000482081_00325_38956_7727.N1	12-AUG-2009 14:29:14	Tw_i_and_stray	48.000	28	12Bet Tau	1.6500	15200.	96	38956	No
200	GOM_NL__2PRFIN20090812_143130_000000422081_00325_38956_7728.N1	12-AUG-2009 14:31:30	Tw_i_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	38956	No
201	GOM_NL__2PRFIN20090812_143441_000000792081_00325_38956_7729.N1	12-AUG-2009 14:34:41	Dark	78.500	13	87Alp Tau	0.86700	3800.0	157	38956	No
202	GOM_NL__2PRFIN20090812_143629_000000522081_00325_38956_7730.N1	12-AUG-2009 14:36:29	Dark	52.000	27	24Gam Ori	1.6360	26000.	104	38956	No
203	GOM_NL__2PRFIN20090812_143825_000000452081_00325_38956_7731.N1	12-AUG-2009 14:38:25	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	38956	No
204	GOM_NL__2PRFIN20090812_143949_000000452081_00325_38956_7732.N1	12-AUG-2009 14:39:49	Dark	44.500	125	44Iot Ori	2.7700	30000.	89	38956	No
205	GOM_NL__2PRFIN20090812_144116_000000502081_00325_38956_7733.N1	12-AUG-2009 14:41:16	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	38956	No
206	GOM_NL__2PRFIN20090812_144736_000000362081_00325_38956_7734.N1	12-AUG-2009 14:47:36	Dark	36.000	165	34Gam Eri	2.9500	3200.0	72	38956	No
207	GOM_NL__2PRFIN20090812_145638_000000482081_00326_38957_7728.N1	12-AUG-2009 14:56:38	Dark	48.000	157	The1Eri	2.9060	9300.0	96	38957	No
208	GOM_NL__2PRFIN20090812_150643_000000622081_00326_38957_7729.N1	12-AUG-2009 15:06:43	Straylight	61.500	84	Alp Phe	2.3970	4500.0	123	38957	No
209	GOM_NL__2PRFIN20090812_151436_000000562081_00326_38957_7730.N1	12-AUG-2009 15:14:36	Tw_i_and_stray	55.500	18	24Alp PsA	1.1660	9700.0	111	38957	No
210	GOM_NL__2PRFIN20090812_152033_000000452081_00326_38957_7731.N1	12-AUG-2009 15:20:33	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	38957	No
211	GOM_NL__2PRFIN20090812_152408_000000442081_00326_38957_7732.N1	12-AUG-2009 15:24:08	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	38957	No
212	GOM_NL__2PRFIN20090812_152623_000000522081_00326_38957_7733.N1	12-AUG-2009 15:26:23	Bright	51.500	162	34Alp Aqr	2.9440	5350.0	103	38957	No
213	GOM_NL__2PRFIN20090812_152938_000000522081_00326_38957_7734.N1	12-AUG-2009 15:29:38	Bright	52.000	61	8Eps Peg	2.1000	3900.0	104	38957	No
214	GOM_NL__2PRFIN20090812_153600_000000382081_00326_38957_7735.N1	12-AUG-2009 15:36:00	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	38957	No
215	GOM_NL__2PRFIN20090812_153917_000000512081_00326_38957_7736.N1	12-AUG-2009 15:39:17	Bright	51.000	19	50Alp Cyg	1.2460	10500.	102	38957	No
216	GOM_NL__2PRFIN20090812_154436_000000392081_00326_38957_7737.N1	12-AUG-2009 15:44:36	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38957	No
217	GOM_NL__2PRFIN20090812_155203_000000492081_00326_38957_7738.N1	12-AUG-2009 15:52:03	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38957	No
218	GOM_NL__2PRFIN20090812_155911_000000522081_00326_38957_7739.N1	12-AUG-2009 15:59:11	Bright	52.000	160	23Gam Per	2.9300	4700.0	104	38957	No
219	GOM_NL__2PRFIN20090812_160221_000000622081_00326_38957_7740.N1	12-AUG-2009 16:02:21	Bright	61.500	175	39Del Per	3.0100	19400.	123	38957	No

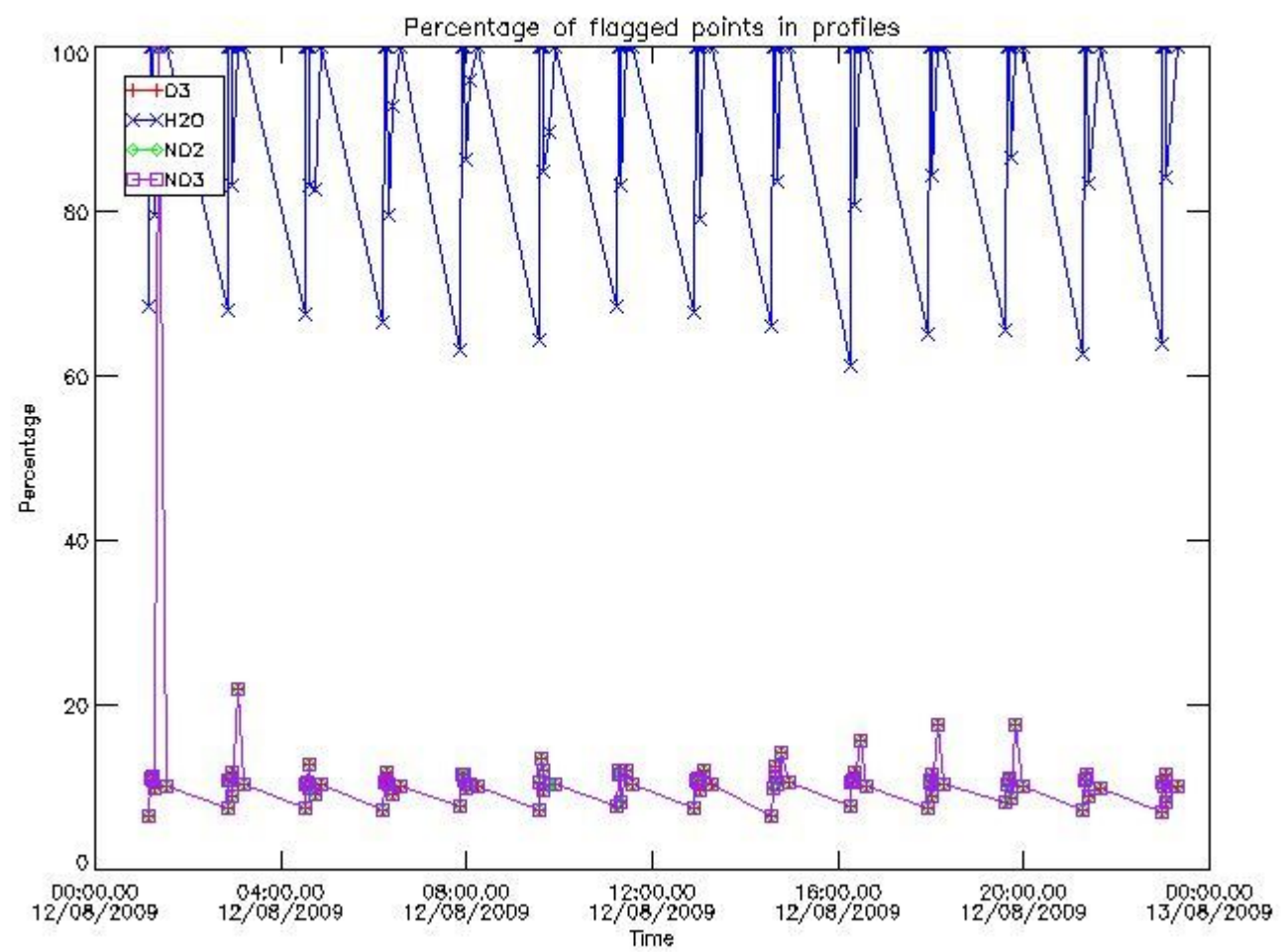
220	GOM_NL__2PRFIN20090812_160403_000000472081_00326_38957_7741.N1	12-AUG-2009 16:04:03	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	38957	No
221	GOM_NL__2PRFIN20090812_160950_000000492081_00326_38957_7742.N1	12-AUG-2009 16:09:50	Twilight	48.500	28	12Bet Tau	1.6500	15200.	97	38957	No
222	GOM_NL__2PRFIN20090812_161206_000000442081_00326_38957_7743.N1	12-AUG-2009 16:12:06	Twilight	43.500	176	23Zet Tau	3.0200	22000.	87	38957	No
223	GOM_NL__2PRFIN20090812_161517_000000662081_00326_38957_7744.N1	12-AUG-2009 16:15:17	Dark	66.000	13	87Alp Tau	0.86700	3800.0	132	38957	No
224	GOM_NL__2PRFIN20090812_161706_000000482081_00326_38957_7745.N1	12-AUG-2009 16:17:06	Dark	48.000	27	24Gam Ori	1.6360	26000.	96	38957	No
225	GOM_NL__2PRFIN20090812_161902_000000472081_00326_38957_7746.N1	12-AUG-2009 16:19:02	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	38957	No
226	GOM_NL__2PRFIN20090812_162025_000000432081_00326_38957_7747.N1	12-AUG-2009 16:20:25	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	38957	No
227	GOM_NL__2PRFIN20090812_162152_000000532081_00326_38957_7748.N1	12-AUG-2009 16:21:52	Dark	52.500	7	19Bet Ori	0.10000	14000.	105	38957	No
228	GOM_NL__2PRFIN20090812_162814_000000362081_00326_38957_7749.N1	12-AUG-2009 16:28:14	Dark	36.000	165	34Gam Eri	2.9500	3200.0	72	38957	No
229	GOM_NL__2PRFIN20090812_163715_000000502081_00327_38958_7746.N1	12-AUG-2009 16:37:15	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38958	No
230	GOM_NL__2PRFIN20090812_164720_000000522081_00327_38958_7747.N1	12-AUG-2009 16:47:20	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	38958	No
231	GOM_NL__2PRFIN20090812_165512_000000562081_00327_38958_7748.N1	12-AUG-2009 16:55:12	Twilight	55.500	18	24Alp PsA	1.1660	9700.0	111	38958	No
232	GOM_NL__2PRFIN20090812_170109_000000442081_00327_38958_7749.N1	12-AUG-2009 17:01:09	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	38958	No
233	GOM_NL__2PRFIN20090812_170444_000000432081_00327_38958_7750.N1	12-AUG-2009 17:04:44	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	38958	No
234	GOM_NL__2PRFIN20090812_170658_000000492081_00327_38958_7751.N1	12-AUG-2009 17:06:58	Bright	49.000	162	34Alp Aqr	2.9440	5350.0	98	38958	No
235	GOM_NL__2PRFIN20090812_171014_000000482081_00327_38958_7752.N1	12-AUG-2009 17:10:14	Bright	48.000	61	8Eps Peg	2.1000	3900.0	96	38958	No
236	GOM_NL__2PRFIN20090812_171636_000000392081_00327_38958_7753.N1	12-AUG-2009 17:16:36	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	38958	No
237	GOM_NL__2PRFIN20090812_172512_000000392081_00327_38958_7754.N1	12-AUG-2009 17:25:12	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38958	No
238	GOM_NL__2PRFIN20090812_173026_000000492081_00327_38958_7755.N1	12-AUG-2009 17:30:26	Bright	49.000	74	11Bet Cas	2.2680	6600.0	98	38958	No
239	GOM_NL__2PRFIN20090812_173238_000000492081_00327_38958_7756.N1	12-AUG-2009 17:32:38	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	38958	No
240	GOM_NL__2PRFIN20090812_173946_000000532081_00327_38958_7757.N1	12-AUG-2009 17:39:46	Bright	52.500	160	23Gam Per	2.9300	4700.0	105	38958	No
241	GOM_NL__2PRFIN20090812_174256_000000562081_00327_38958_7758.N1	12-AUG-2009 17:42:56	Bright	56.000	175	39Del Per	3.0100	19400.	112	38958	No
242	GOM_NL__2PRFIN20090812_174439_000000492081_00327_38958_7759.N1	12-AUG-2009 17:44:39	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	38958	No
243	GOM_NL__2PRFIN20090812_175026_000000492081_00327_38958_7760.N1	12-AUG-2009 17:50:26	Twilight	49.000	28	12Bet Tau	1.6500	15200.	98	38958	No
244	GOM_NL__2PRFIN20090812_175243_000000452081_00327_38958_7761.N1	12-AUG-2009 17:52:43	Twilight	45.000	176	23Zet Tau	3.0200	22000.	90	38958	No
245	GOM_NL__2PRFIN20090812_175554_000000692081_00327_38958_7762.N1	12-AUG-2009 17:55:54	Dark	69.000	13	87Alp Tau	0.86700	3800.0	138	38958	No
246	GOM_NL__2PRFIN20090812_175742_000000492081_00327_38958_7763.N1	12-AUG-2009 17:57:42	Dark	48.500	27	24Gam Ori	1.6360	26000.	97	38958	No
247	GOM_NL__2PRFIN20090812_175939_000000472081_00327_38958_7764.N1	12-AUG-2009 17:59:39	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	38958	No
248	GOM_NL__2PRFIN20090812_180102_000000442081_00327_38958_7765.N1	12-AUG-2009 18:01:02	Dark	44.000	125	44Iot Ori	2.7700	30000.	88	38958	No
249	GOM_NL__2PRFIN20090812_180229_000000582081_00327_38958_7766.N1	12-AUG-2009 18:02:29	Dark	57.500	7	19Bet Ori	0.10000	14000.	115	38958	No
250	GOM_NL__2PRFIN20090812_180851_000000292081_00327_38958_7767.N1	12-AUG-2009 18:08:51	Dark	29.000	165	34Gam Eri	2.9500	3200.0	58	38958	No
251	GOM_NL__2PRFIN20090812_181752_000000492081_00328_38959_7762.N1	12-AUG-2009 18:17:52	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38959	No
252	GOM_NL__2PRFIN20090812_182757_000000592081_00328_38959_7763.N1	12-AUG-2009 18:27:57	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	38959	No
253	GOM_NL__2PRFIN20090812_183549_000000552081_00328_38959_7764.N1	12-AUG-2009 18:35:49	Twilight	55.000	18	24Alp PsA	1.1660	9700.0	110	38959	No
254	GOM_NL__2PRFIN20090812_184145_000000442081_00328_38959_7765.N1	12-AUG-2009 18:41:45	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	38959	No
255	GOM_NL__2PRFIN20090812_184520_000000432081_00328_38959_7766.N1	12-AUG-2009 18:45:20	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	38959	No
256	GOM_NL__2PRFIN20090812_184734_000000742081_00328_38959_7767.N1	12-AUG-2009 18:47:34	Bright	74.000	162	34Alp Aqr	2.9440	5350.0	148	38959	No
257	GOM_NL__2PRFIN20090812_185049_000000682081_00328_38959_7768.N1	12-AUG-2009 18:50:49	Bright	68.000	61	8Eps Peg	2.1000	3900.0	136	38959	No
258	GOM_NL__2PRFIN20090812_185712_000000382081_00328_38959_7769.N1	12-AUG-2009 18:57:12	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	38959	No
259	GOM_NL__2PRFIN20090812_190548_000000402081_00328_38959_7770.N1	12-AUG-2009 19:05:48	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38959	No
260	GOM_NL__2PRFIN20090812_191102_000000482081_00328_38959_7771.N1	12-AUG-2009 19:11:02	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38959	No
261	GOM_NL__2PRFIN20090812_191313_000000492081_00328_38959_7772.N1	12-AUG-2009 19:13:13	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38959	No
262	GOM_NL__2PRFIN20090812_192022_000000532081_00328_38959_7773.N1	12-AUG-2009 19:20:22	Bright	52.500	160	23Gam Per	2.9300	4700.0	105	38959	No
263	GOM_NL__2PRFIN20090812_192332_000000752081_00328_38959_7774.N1	12-AUG-2009 19:23:32	Bright	75.000	175	39Del Per	3.0100	19400.	150	38959	No
264	GOM_NL__2PRFIN20090812_192515_000000482081_00328_38959_7775.N1	12-AUG-2009 19:25:15	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	38959	No
265	GOM_NL__2PRFIN20090812_193102_000000482081_00328_38959_7776.N1	12-AUG-2009 19:31:02	Twilight	47.500	28	12Bet Tau	1.6500	15200.	95	38959	No
266	GOM_NL__2PRFIN20090812_193319_000000462081_00328_38959_7777.N1	12-AUG-2009 19:33:19	Twilight	46.000	176	23Zet Tau	3.0200	22000.	92	38959	No
267	GOM_NL__2PRFIN20090812_193631_000000692081_00328_38959_7778.N1	12-AUG-2009 19:36:31	Dark	68.500	13	87Alp Tau	0.86700	3800.0	137	38959	No
268	GOM_NL__2PRFIN20090812_193819_000000502081_00328_38959_7779.N1	12-AUG-2009 19:38:19	Dark	49.500	27	24Gam Ori	1.6360	26000.	99	38959	No
269	GOM_NL__2PRFIN20090812_194015_000000472081_00328_38959_7780.N1	12-AUG-2009 19:40:15	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	38959	No
270	GOM_NL__2PRFIN20090812_194139_000000462081_00328_38959_7781.N1	12-AUG-2009 19:41:39	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	38959	No
271	GOM_NL__2PRFIN20090812_194306_000000602081_00328_38959_7782.N1	12-AUG-2009 19:43:06	Dark	59.500	7	19Bet Ori	0.10000	14000.	119	38959	No
272	GOM_NL__2PRFIN20090812_194929_000000292081_00328_38959_7783.N1	12-AUG-2009 19:49:29	Dark	29.000	165	34Gam Eri	2.9500	3200.0	58	38959	No
273	GOM_NL__2PRFIN20090812_195829_000000512081_00329_38960_7809.N1	12-AUG-2009 19:58:29	Dark	50.500	157	The1Eri	2.9060	9300.0	101	38960	No
274	GOM_NL__2PRFIN20090812_200834_000000612081_00329_38960_7810.N1	12-AUG-2009 20:08:34	Straylight	60.500	84	Alp Phe	2.3970	4500.0	121	38960	No
275	GOM_NL__2PRFIN20090812_201625_000000562081_00329_38960_7811.N1	12-AUG-2009 20:16:25	Twilight	55.500	18	24Alp PsA	1.1660	9700.0	111	38960	No
276	GOM_NL__2PRFIN20090812_202221_000000452081_00329_38960_7812.N1	12-AUG-2009 20:22:21	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	38960	No
277	GOM_NL__2PRFIN20090812_202556_000000432081_00329_38960_7813.N1	12-AUG-2009 20:25:56	Bright	42.500	154	22Bet Aqr	2.8990	5700.0	85	38960	No
278	GOM_NL__2PRFIN20090812_202810_000000502081_00329_38960_7814.N1	12-AUG-2009 20:28:10	Bright	50.000	162	34Alp Aqr	2.9440	5350.0	100	38960	No

279	GOM_NL__2PRFIN20090812_203125_000000452081_00329_38960_7815.N1	12-AUG-2009 20:31:25	Bright	45.000	61	8Eps Peg	2.1000	3900.0	90	38960	No
280	GOM_NL__2PRFIN20090812_203748_000000382081_00329_38960_7816.N1	12-AUG-2009 20:37:48	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	38960	No
281	GOM_NL__2PRFIN20090812_204624_000000402081_00329_38960_7817.N1	12-AUG-2009 20:46:24	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38960	No
282	GOM_NL__2PRFIN20090812_205136_000000502081_00329_38960_7818.N1	12-AUG-2009 20:51:36	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38960	No
283	GOM_NL__2PRFIN20090812_205348_000000492081_00329_38960_7819.N1	12-AUG-2009 20:53:48	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38960	No
284	GOM_NL__2PRFIN20090812_210057_000000542081_00329_38960_7820.N1	12-AUG-2009 21:00:57	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	38960	No
285	GOM_NL__2PRFIN20090812_210408_000000482081_00329_38960_7821.N1	12-AUG-2009 21:04:08	Bright	47.500	175	39Del Per	3.0100	19400.	95	38960	No
286	GOM_NL__2PRFIN20090812_210551_000000512081_00329_38960_7822.N1	12-AUG-2009 21:05:51	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	38960	No
287	GOM_NL__2PRFIN20090812_211138_000000522081_00329_38960_7823.N1	12-AUG-2009 21:11:38	Twilight	52.000	28	12Bet Tau	1.6500	15200.	104	38960	No
288	GOM_NL__2PRFIN20090812_211355_000000472081_00329_38960_7824.N1	12-AUG-2009 21:13:55	Twilight	47.000	176	23Zet Tau	3.0200	22000.	94	38960	No
289	GOM_NL__2PRFIN20090812_211707_000000772081_00329_38960_7825.N1	12-AUG-2009 21:17:07	Dark	76.500	13	87Alp Tau	0.86700	3800.0	153	38960	No
290	GOM_NL__2PRFIN20090812_211855_000000472081_00329_38960_7826.N1	12-AUG-2009 21:18:55	Dark	46.500	27	24Gam Ori	1.6360	26000.	93	38960	No
291	GOM_NL__2PRFIN20090812_212051_000000462081_00329_38960_7827.N1	12-AUG-2009 21:20:51	Dark	45.500	30	46Eps Ori	1.6940	30000.	91	38960	No
292	GOM_NL__2PRFIN20090812_212215_000000452081_00329_38960_7828.N1	12-AUG-2009 21:22:15	Dark	44.500	125	44lot Ori	2.7700	30000.	89	38960	No
293	GOM_NL__2PRFIN20090812_212342_000000582081_00329_38960_7829.N1	12-AUG-2009 21:23:42	Dark	57.500	7	19Bet Ori	0.10000	14000.	115	38960	No
294	GOM_NL__2PRFIN20090812_213906_000000522081_00330_38961_7824.N1	12-AUG-2009 21:39:06	Dark	51.500	157	The1Eri	2.9060	9300.0	103	38961	No
295	GOM_NL__2PRFIN20090812_214910_000000612081_00330_38961_7825.N1	12-AUG-2009 21:49:10	Straylight	60.500	84	Alp Phe	2.3970	4500.0	121	38961	No
296	GOM_NL__2PRFIN20090812_215702_000000552081_00330_38961_7826.N1	12-AUG-2009 21:57:02	Twilight	55.000	18	24Alp PsA	1.1660	9700.0	110	38961	No
297	GOM_NL__2PRFIN20090812_220257_000000622081_00330_38961_7827.N1	12-AUG-2009 22:02:57	Bright	62.000	142	49Del Cap	2.8500	8900.0	124	38961	No
298	GOM_NL__2PRFIN20090812_220632_000000432081_00330_38961_7828.N1	12-AUG-2009 22:06:32	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	38961	No
299	GOM_NL__2PRFIN20090812_220845_000000512081_00330_38961_7829.N1	12-AUG-2009 22:08:45	Bright	51.000	162	34Alp Aqr	2.9440	5350.0	102	38961	No
300	GOM_NL__2PRFIN20090812_221200_000000682081_00330_38961_7830.N1	12-AUG-2009 22:12:00	Bright	68.000	61	8Eps Peg	2.1000	3900.0	136	38961	No
301	GOM_NL__2PRFIN20090812_221823_000000382081_00330_38961_7831.N1	12-AUG-2009 22:18:23	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	38961	No
302	GOM_NL__2PRFIN20090812_222659_000000402081_00330_38961_7832.N1	12-AUG-2009 22:26:59	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38961	No
303	GOM_NL__2PRFIN20090812_223212_000000462081_00330_38961_7833.N1	12-AUG-2009 22:32:12	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	38961	No
304	GOM_NL__2PRFIN20090812_223423_000000452081_00330_38961_7834.N1	12-AUG-2009 22:34:23	Bright	45.000	76	27Gam Cas	2.3000	30000.	90	38961	No
305	GOM_NL__2PRFIN20090812_224132_000000522081_00330_38961_7835.N1	12-AUG-2009 22:41:32	Bright	52.000	160	23Gam Per	2.9300	4700.0	104	38961	No
306	GOM_NL__2PRFIN20090812_224443_000000522081_00330_38961_7836.N1	12-AUG-2009 22:44:43	Bright	51.500	175	39Del Per	3.0100	19400.	103	38961	No
307	GOM_NL__2PRFIN20090812_224627_000000482081_00330_38961_7837.N1	12-AUG-2009 22:46:27	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	38961	No
308	GOM_NL__2PRFIN20090812_225214_000000502081_00330_38961_7838.N1	12-AUG-2009 22:52:14	Twilight	50.000	28	12Bet Tau	1.6500	15200.	100	38961	No
309	GOM_NL__2PRFIN20090812_225431_000000462081_00330_38961_7839.N1	12-AUG-2009 22:54:31	Twilight	45.500	176	23Zet Tau	3.0200	22000.	91	38961	No
310	GOM_NL__2PRFIN20090812_225744_000000732081_00330_38961_7840.N1	12-AUG-2009 22:57:44	Dark	72.500	13	87Alp Tau	0.86700	3800.0	145	38961	No
311	GOM_NL__2PRFIN20090812_225932_000000492081_00330_38961_7841.N1	12-AUG-2009 22:59:32	Dark	48.500	27	24Gam Ori	1.6360	26000.	97	38961	No
312	GOM_NL__2PRFIN20090812_230128_000000502081_00330_38961_7842.N1	12-AUG-2009 23:01:28	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	38961	No
313	GOM_NL__2PRFIN20090812_230252_000000442081_00330_38961_7843.N1	12-AUG-2009 23:02:52	Dark	44.000	125	44lot Ori	2.7700	30000.	88	38961	No
314	GOM_NL__2PRFIN20090812_230419_000000632081_00330_38961_7844.N1	12-AUG-2009 23:04:19	Dark	63.000	7	19Bet Ori	0.10000	14000.	126	38961	No
315	GOM_NL__2PRFIN20090812_231943_000000502081_00331_38962_7842.N1	12-AUG-2009 23:19:43	Dark	50.000	157	The1Eri	2.9060	9300.0	100	38962	No
316	GOM_NL__2PRFIN20090812_232947_000000622081_00331_38962_7843.N1	12-AUG-2009 23:29:47	Straylight	62.000	84	Alp Phe	2.3970	4500.0	124	38962	No
317	GOM_NL__2PRFIN20090812_233737_000000552081_00331_38962_7844.N1	12-AUG-2009 23:37:37	Twilight	55.000	18	24Alp PsA	1.1660	9700.0	110	38962	No
318	GOM_NL__2PRFIN20090812_234333_000000452081_00331_38962_7845.N1	12-AUG-2009 23:43:33	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	38962	No
319	GOM_NL__2PRFIN20090812_234708_000000432081_00331_38962_7846.N1	12-AUG-2009 23:47:08	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	38962	No
320	GOM_NL__2PRFIN20090812_234921_000000512081_00331_38962_7847.N1	12-AUG-2009 23:49:21	Bright	50.500	162	34Alp Aqr	2.9440	5350.0	101	38962	No
321	GOM_NL__2PRFIN20090812_235236_000000472081_00331_38962_7848.N1	12-AUG-2009 23:52:36	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	38962	No
322	GOM_NL__2PRFIN20090812_235859_000000372081_00331_38962_7849.N1	12-AUG-2009 23:58:59	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	38962	No

3. Quality information per product

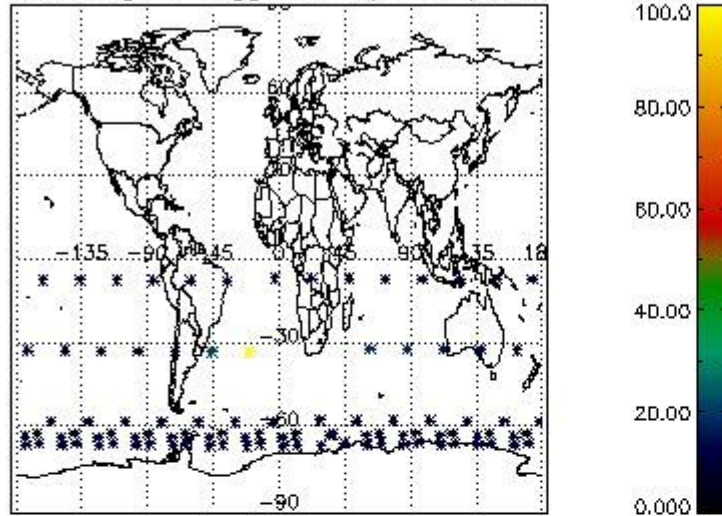
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

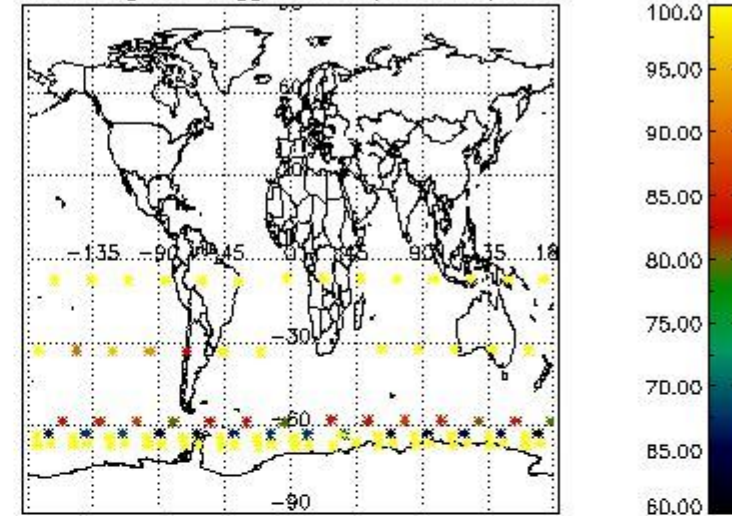


3.2 Plot quality information per product (world map)

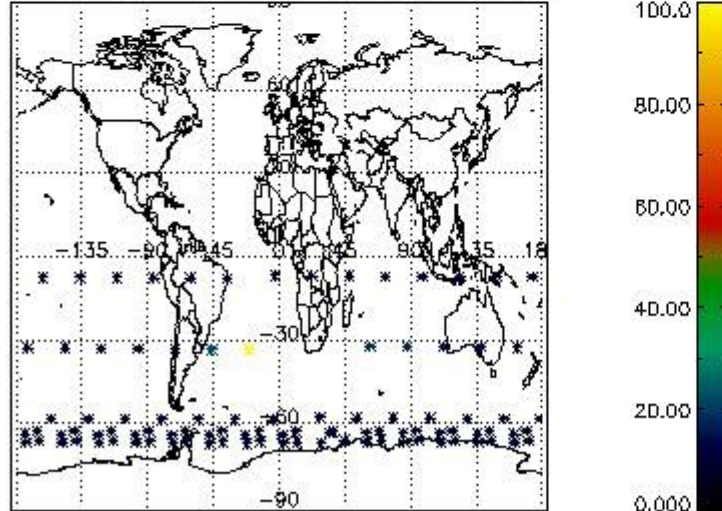
Percentage of flagged data per O3 profile



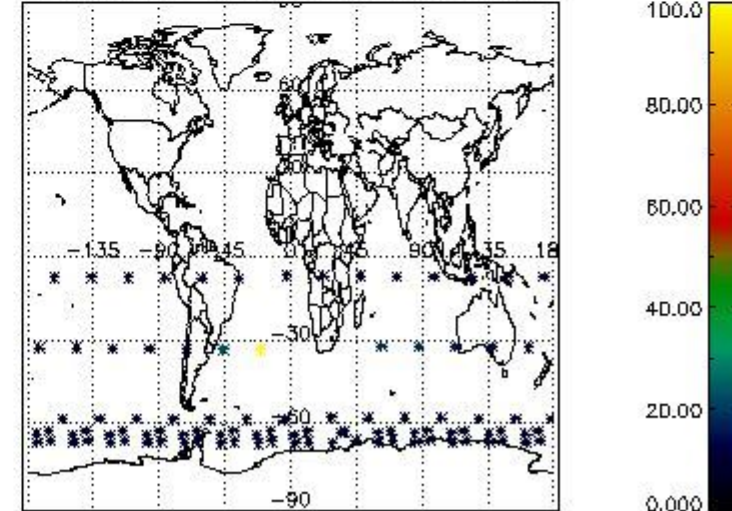
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

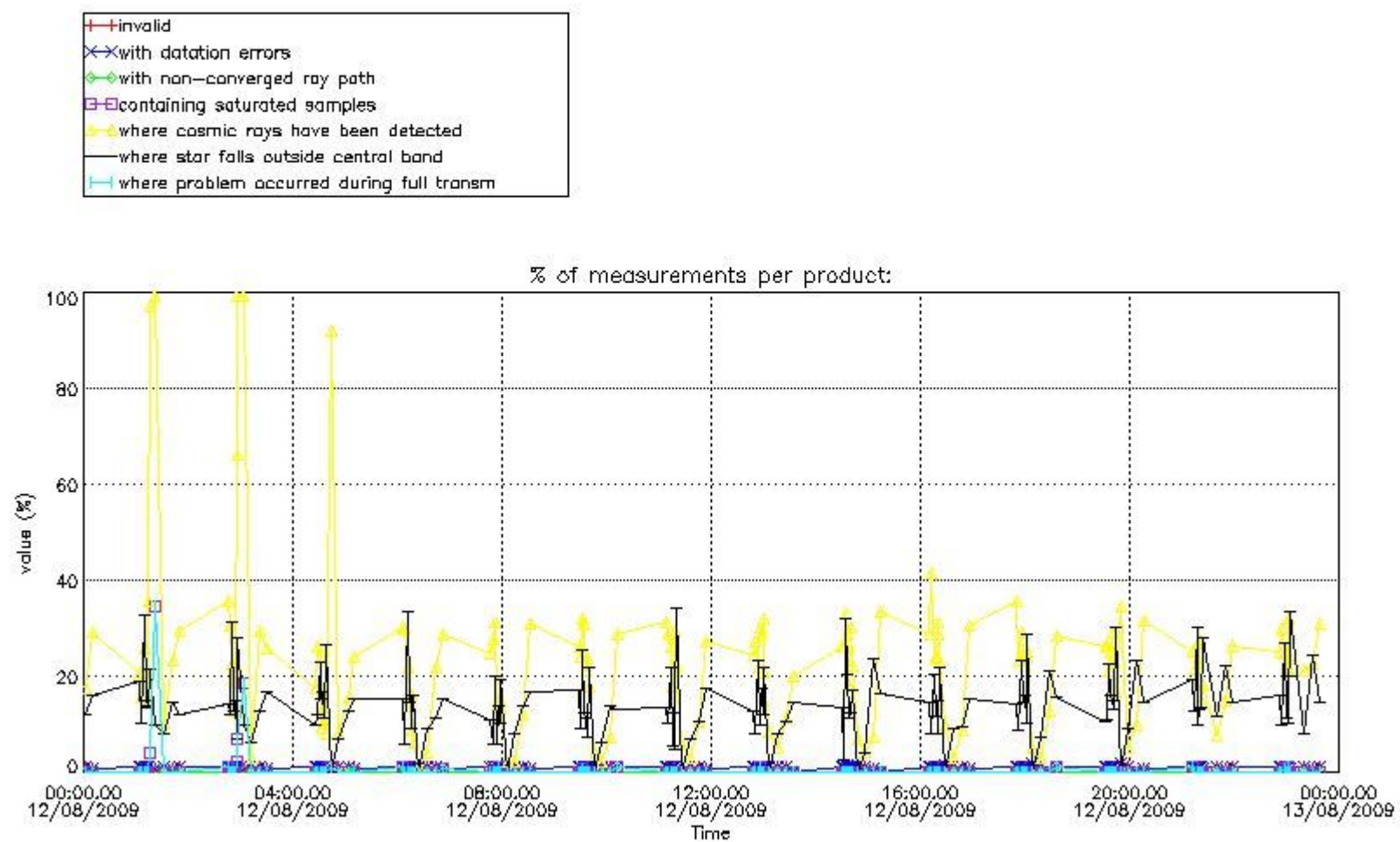


4. Level 1 quality information per product

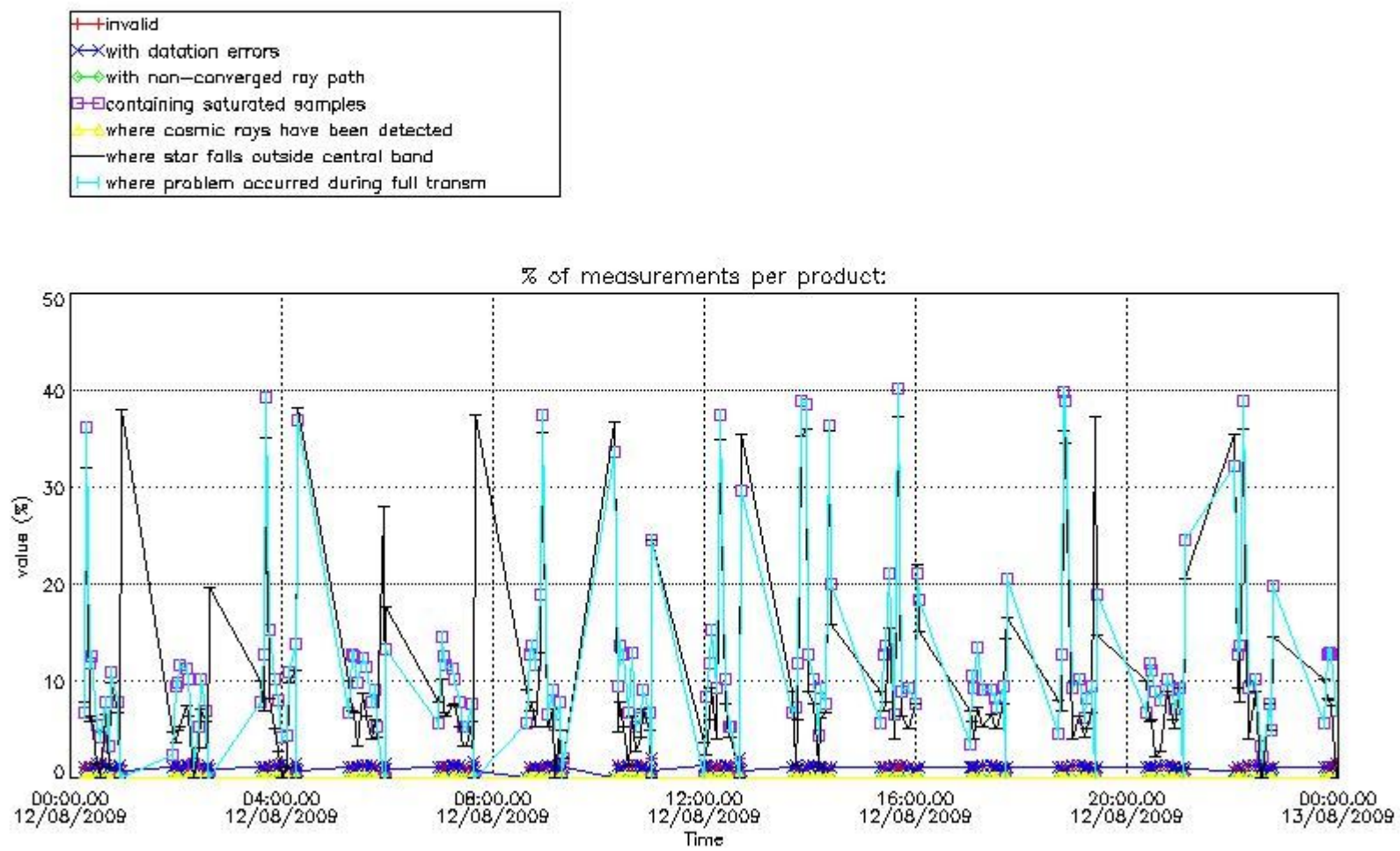
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



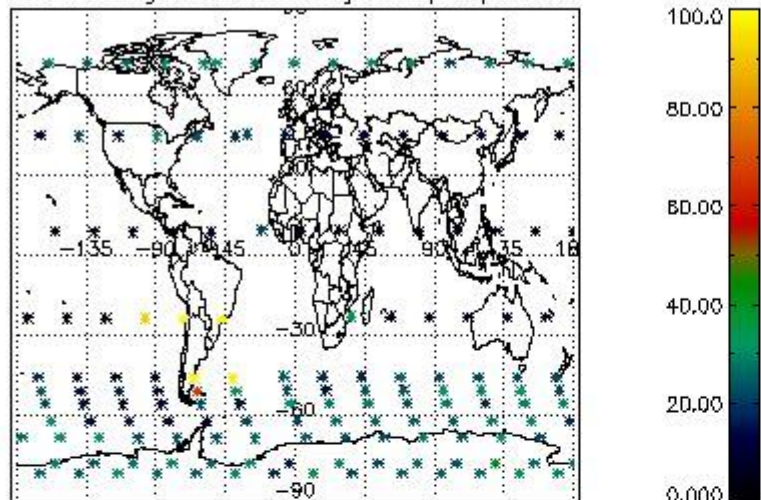
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



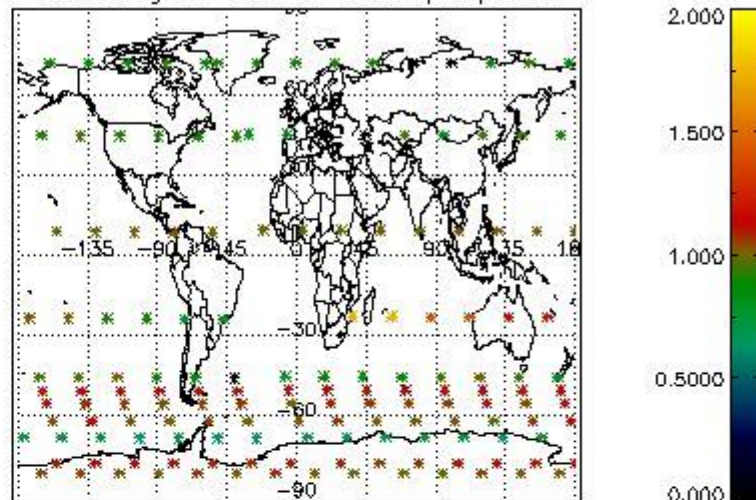
4.2 Plot quality information per product coming from level 1b processing (world map)

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

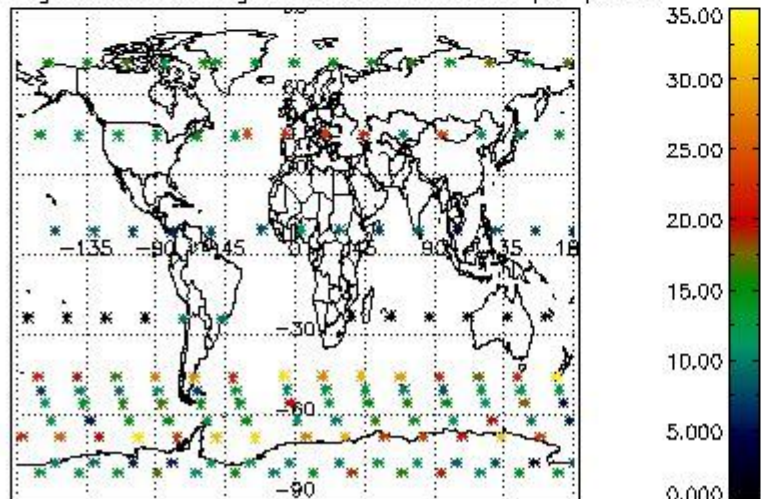
Percentage of cosmic ray hits per profile



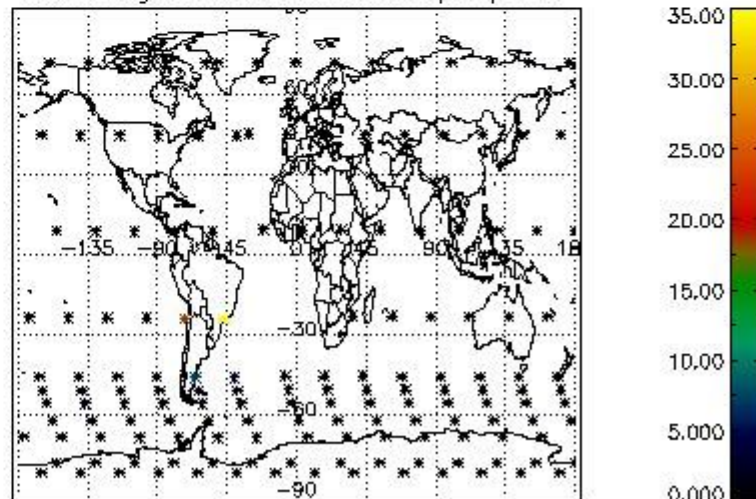
Percentage of datation errors per profile



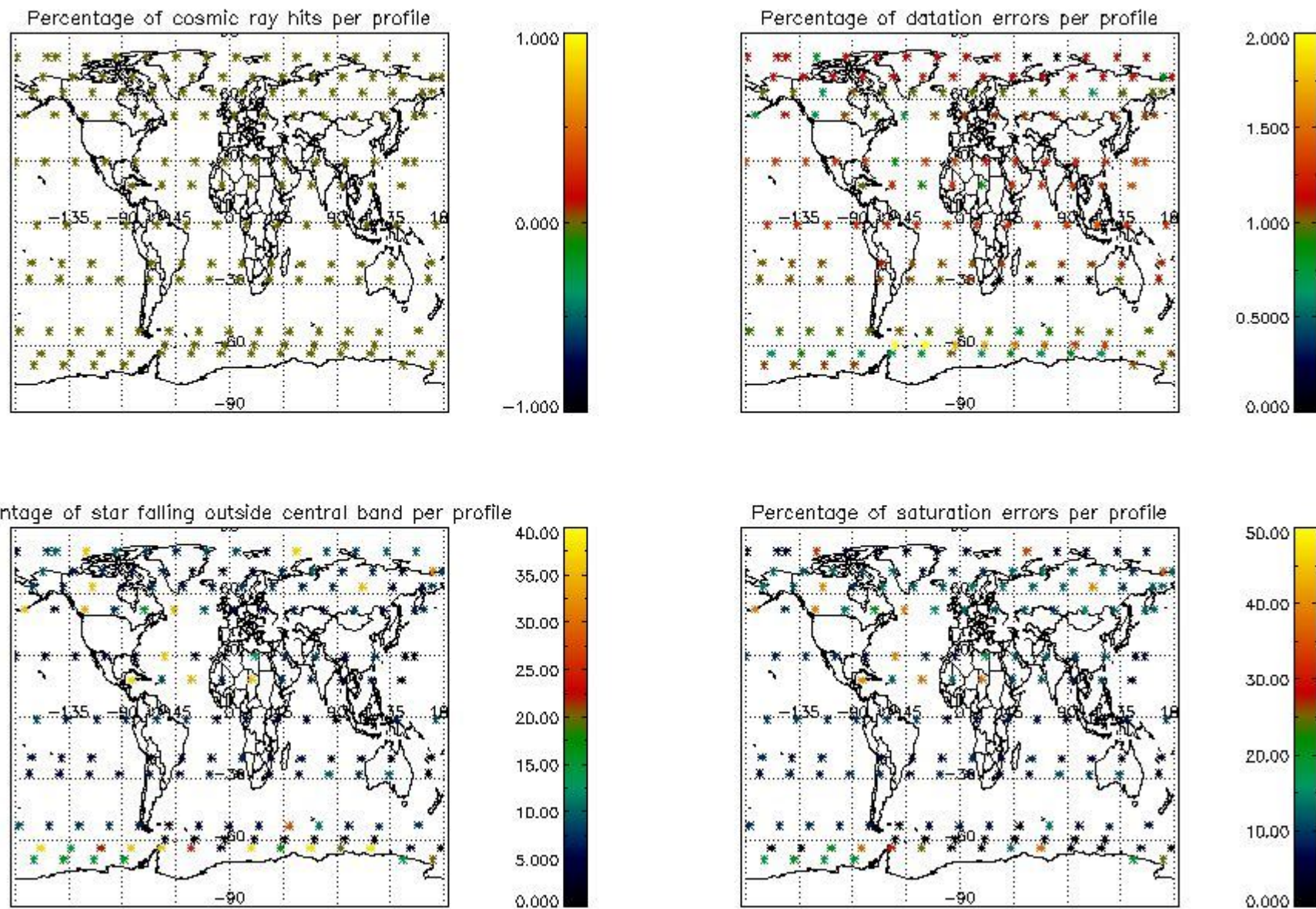
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

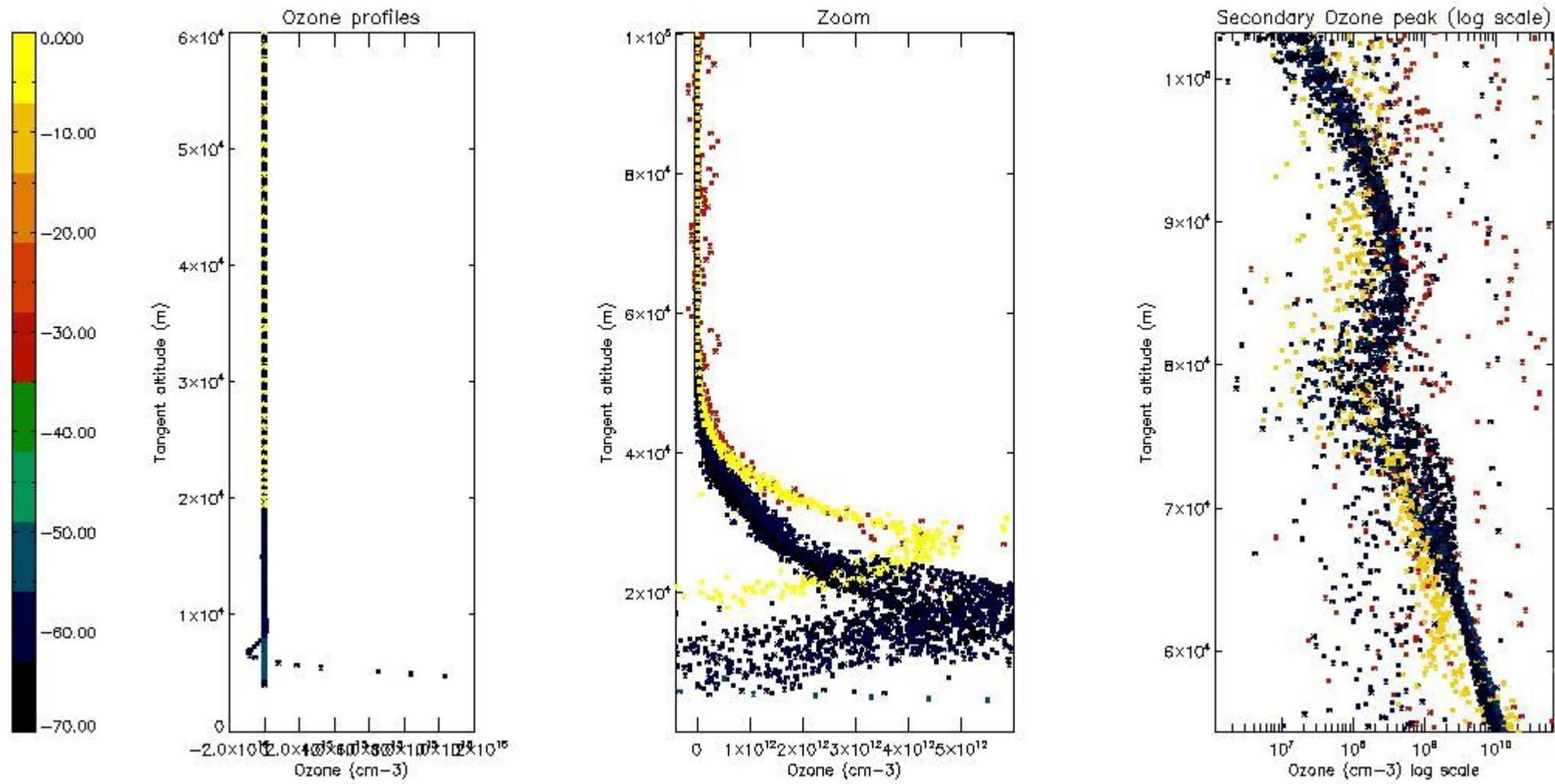
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	31
STD < 20	17

STD < 10	14
STD < 5	9

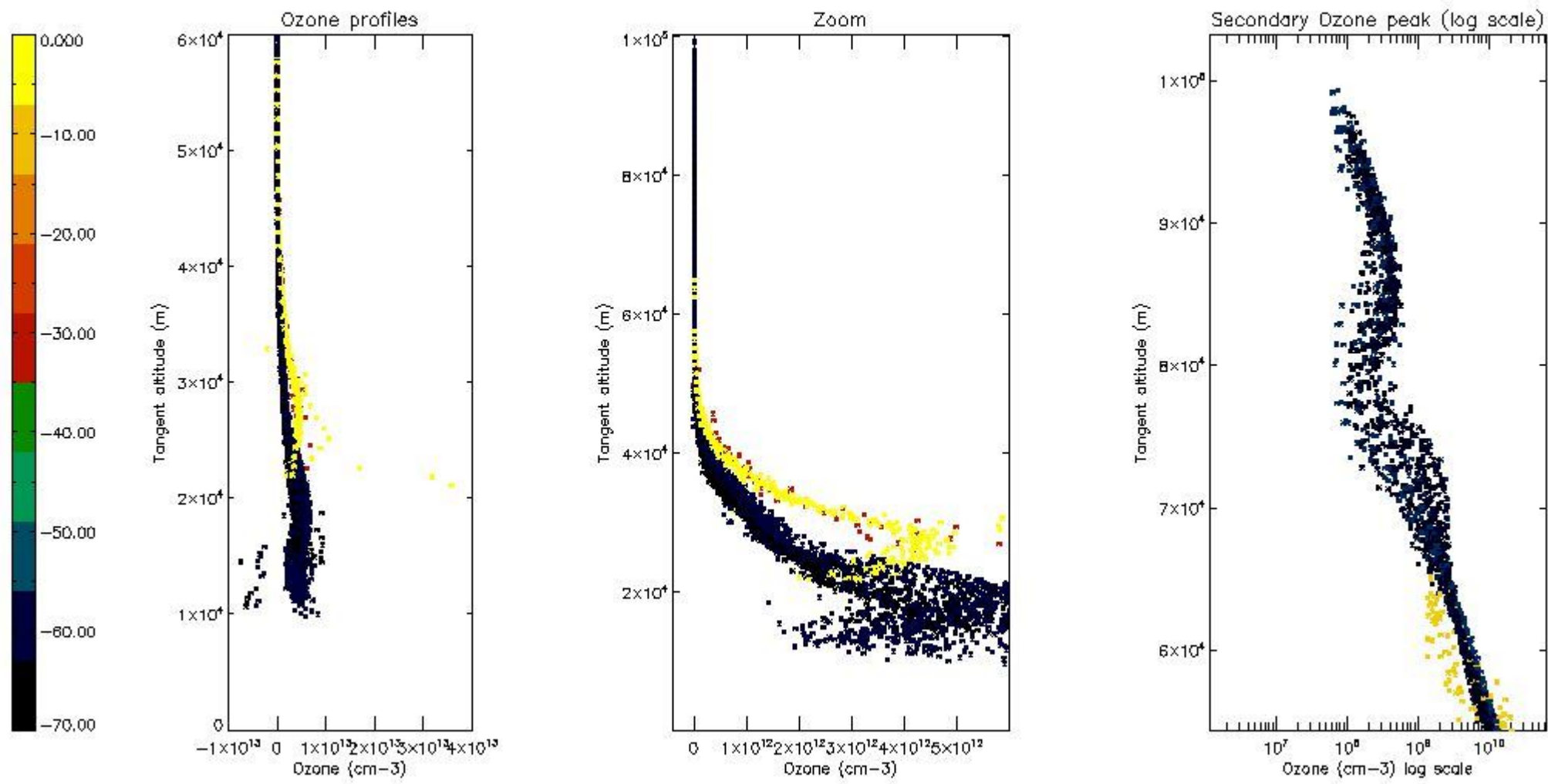
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



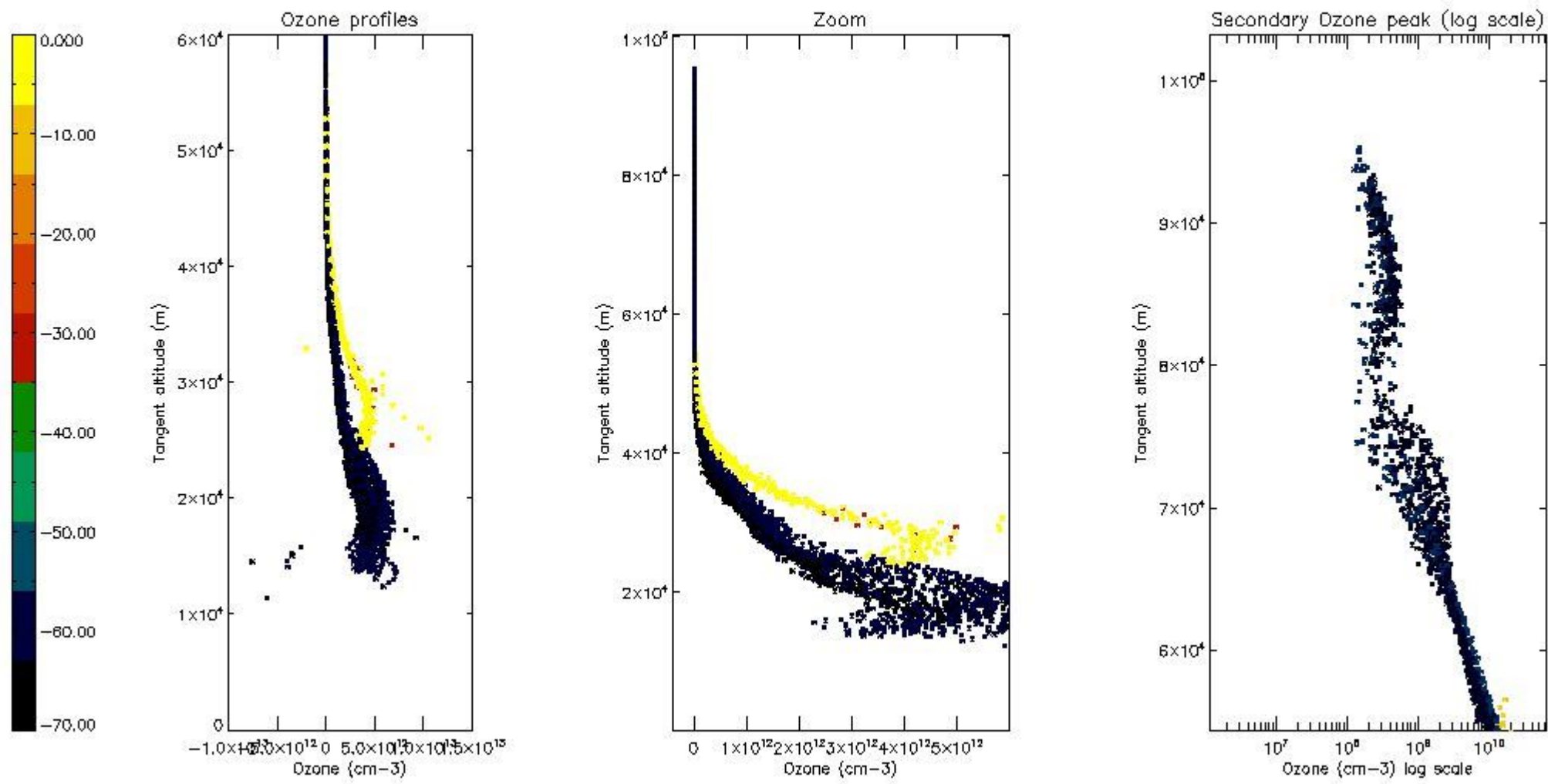
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



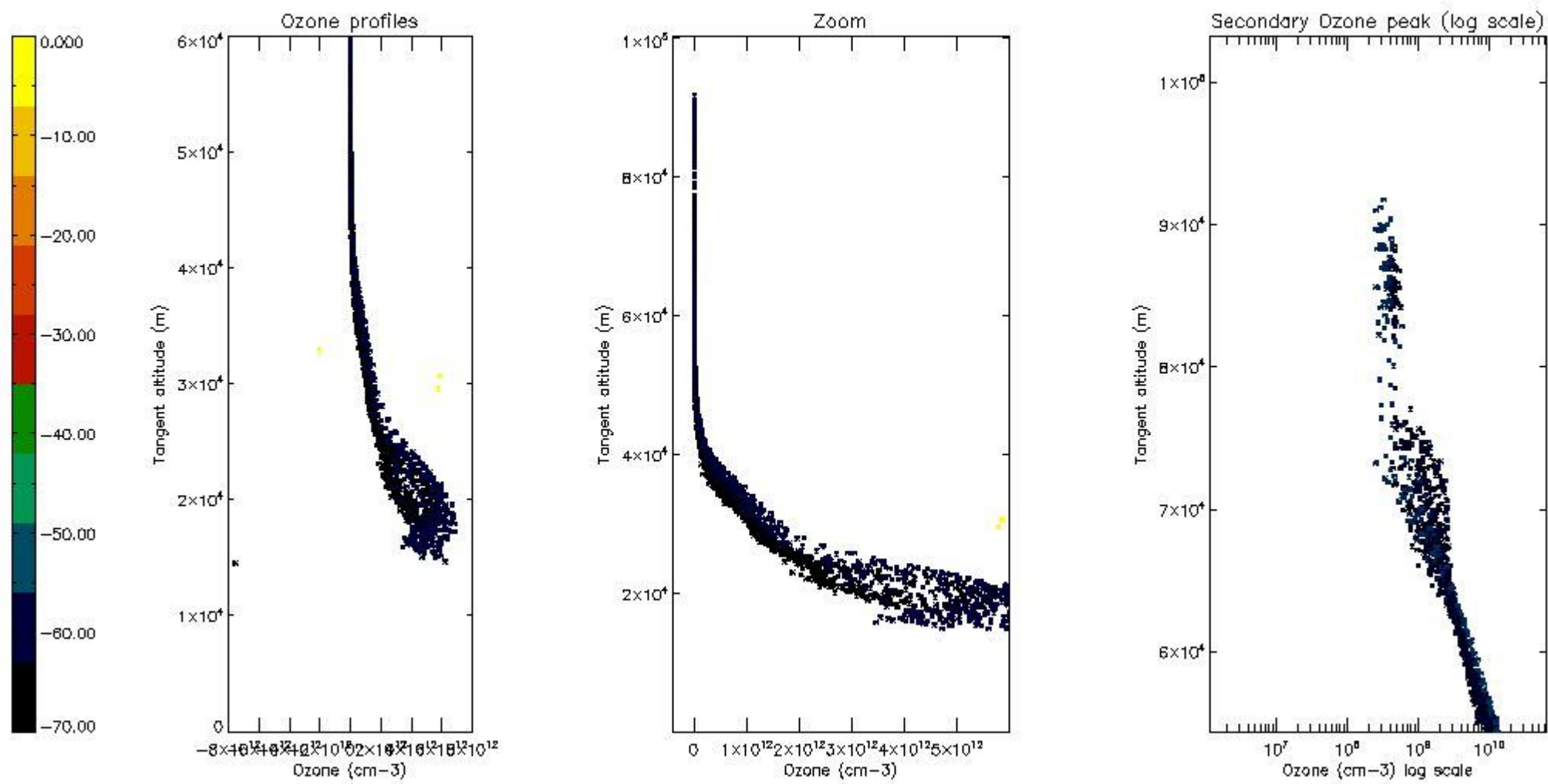
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



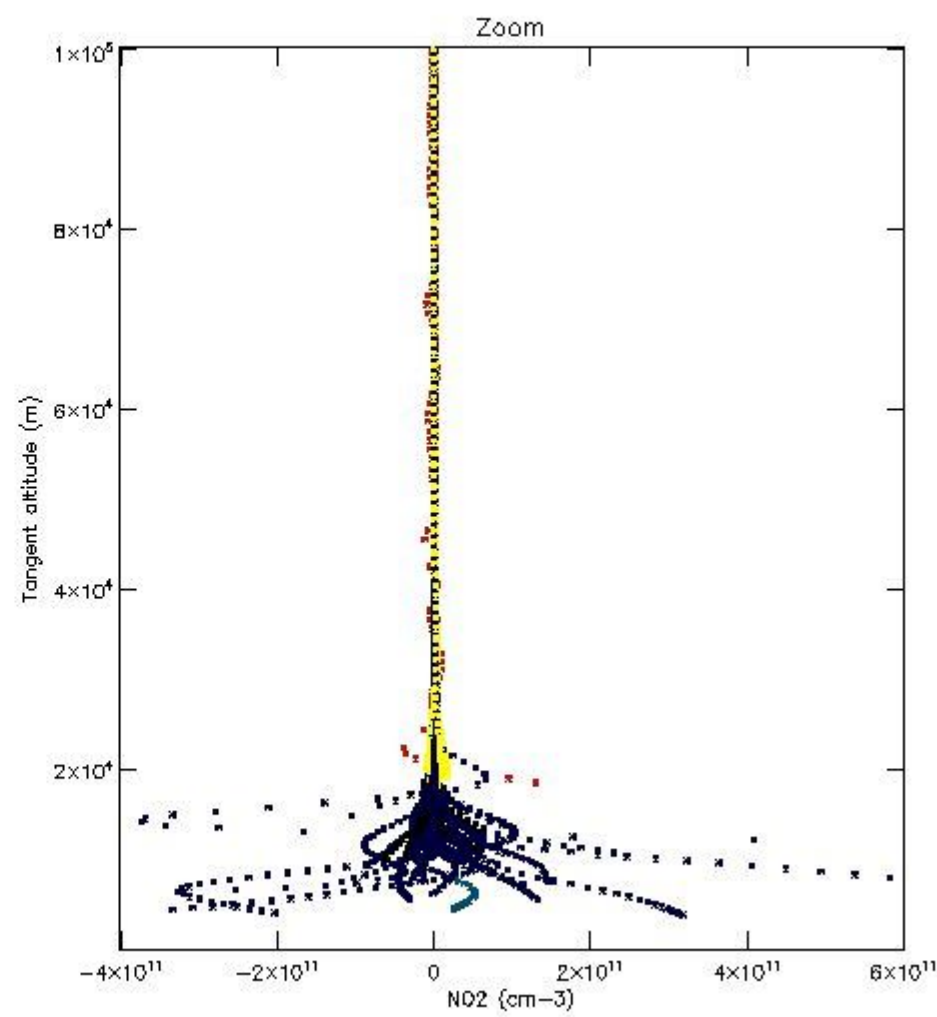
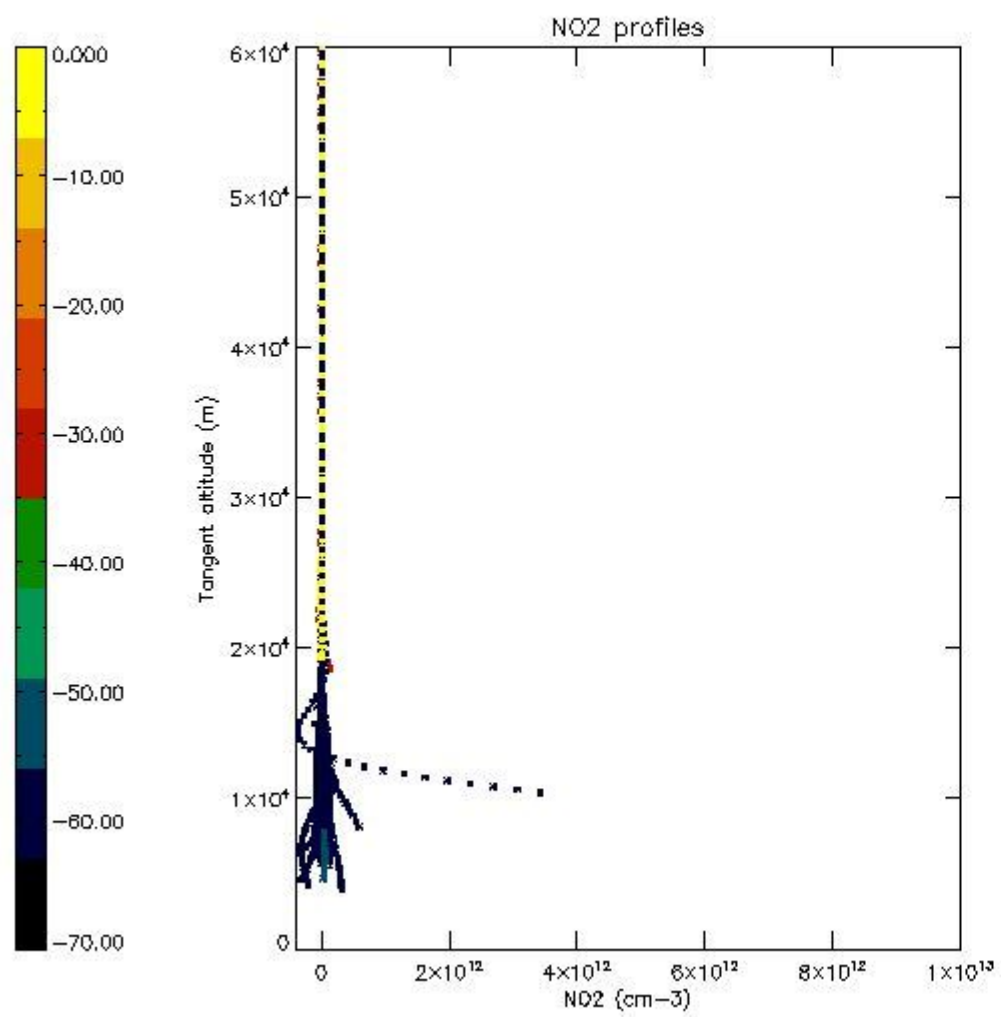
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



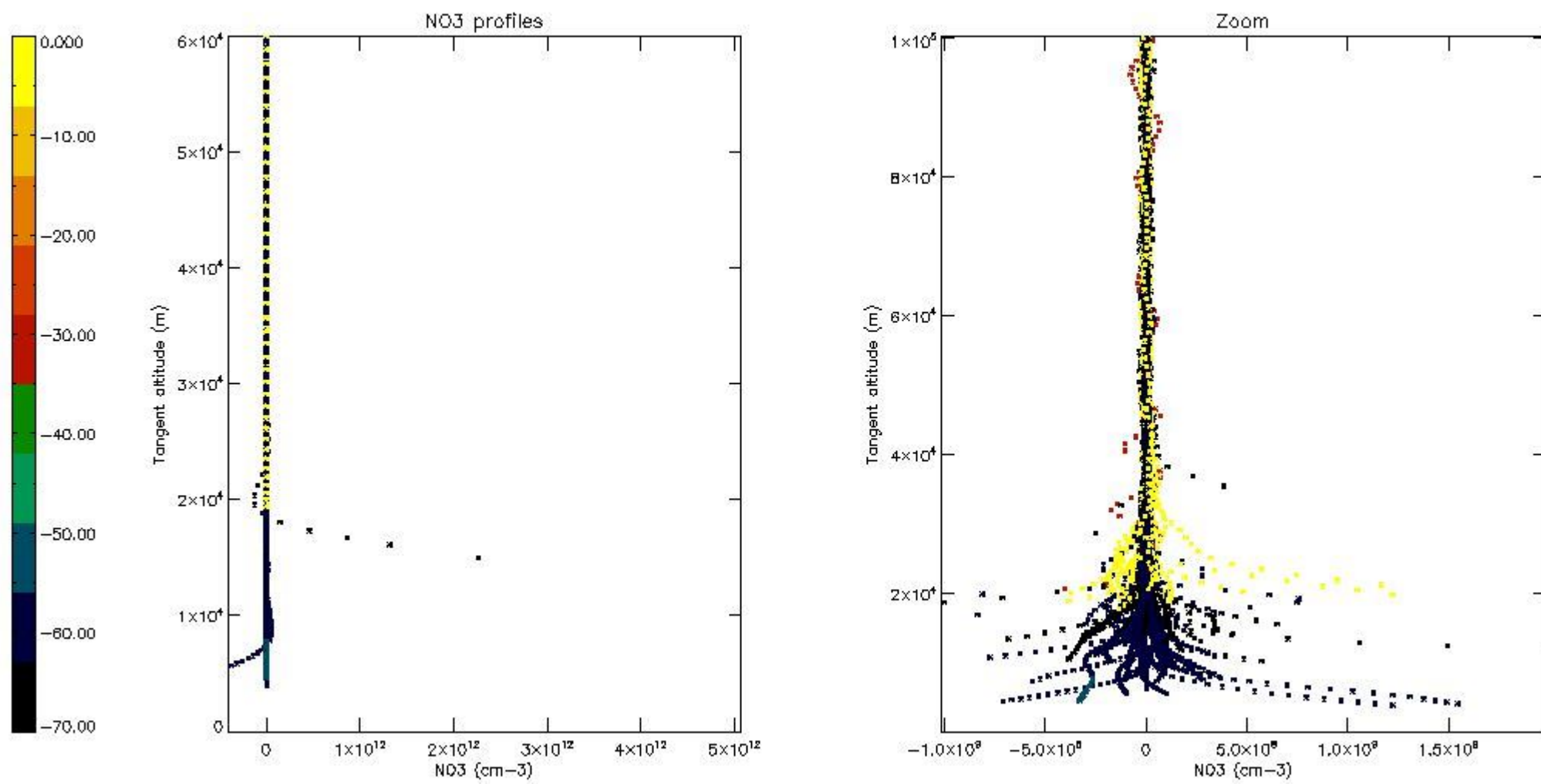
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



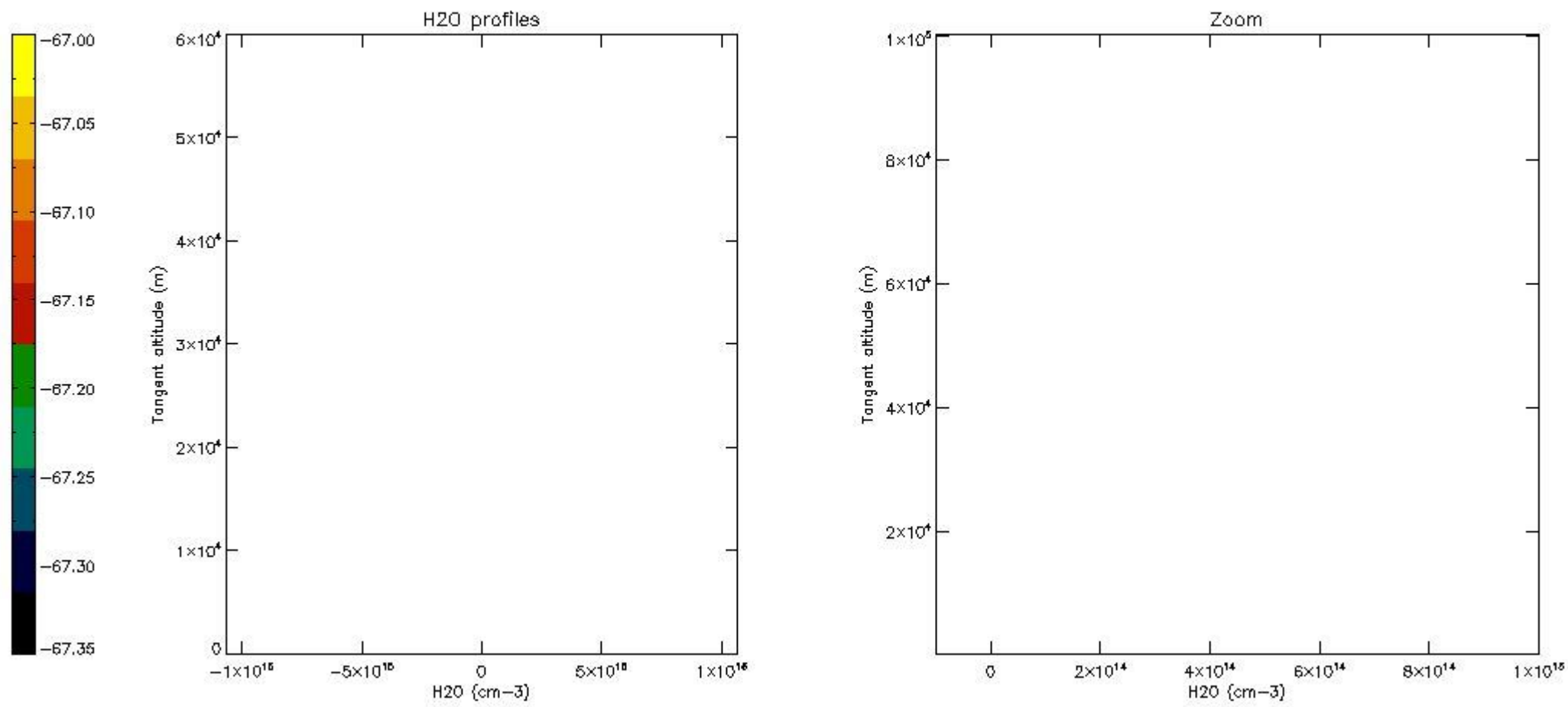
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

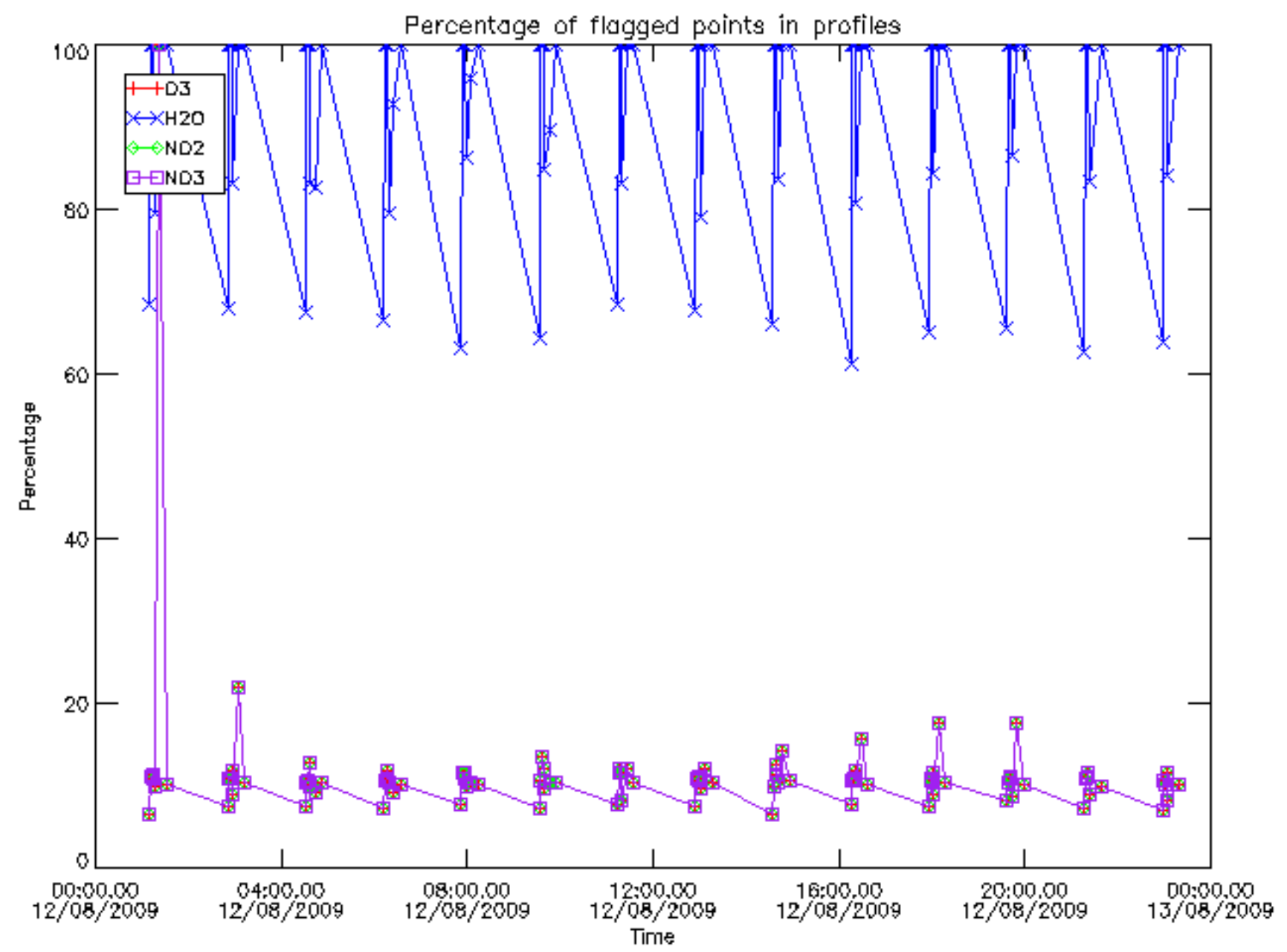
The colorbar represents the latitude.



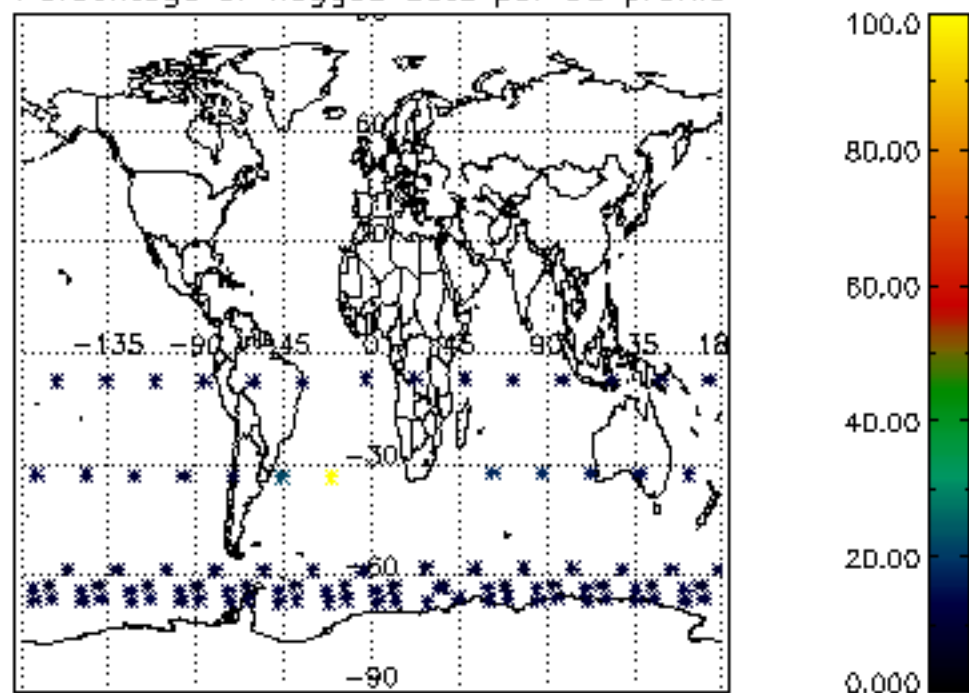
6. Auxiliary Data Files used for the production reported in section 2

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.

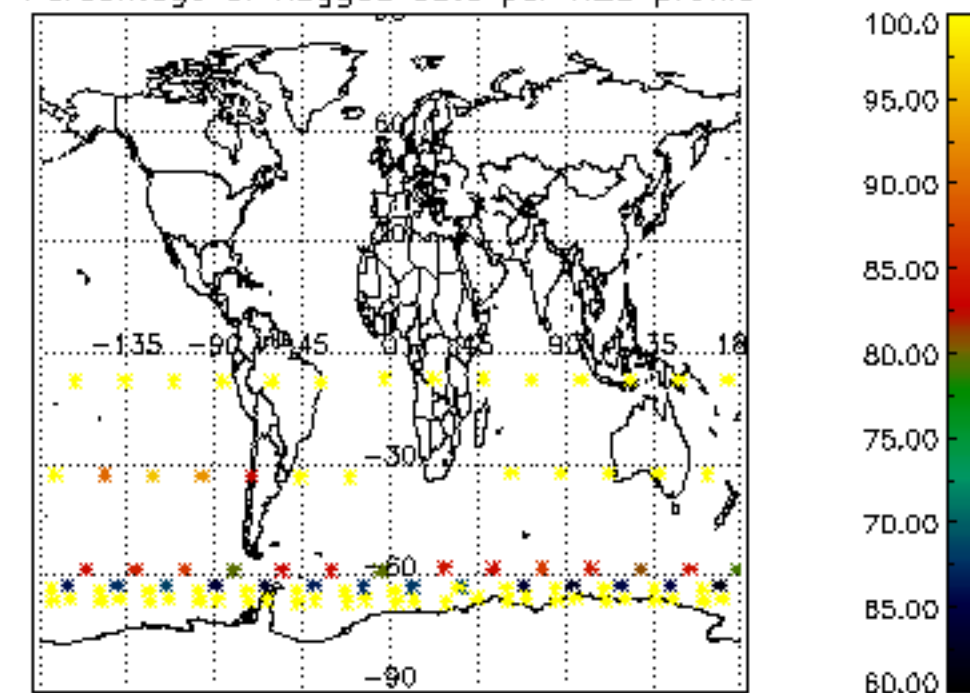
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	12-AUG-2009 00:01:12
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	12-AUG-2009 00:01:12
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	12-AUG-2009 00:01:12



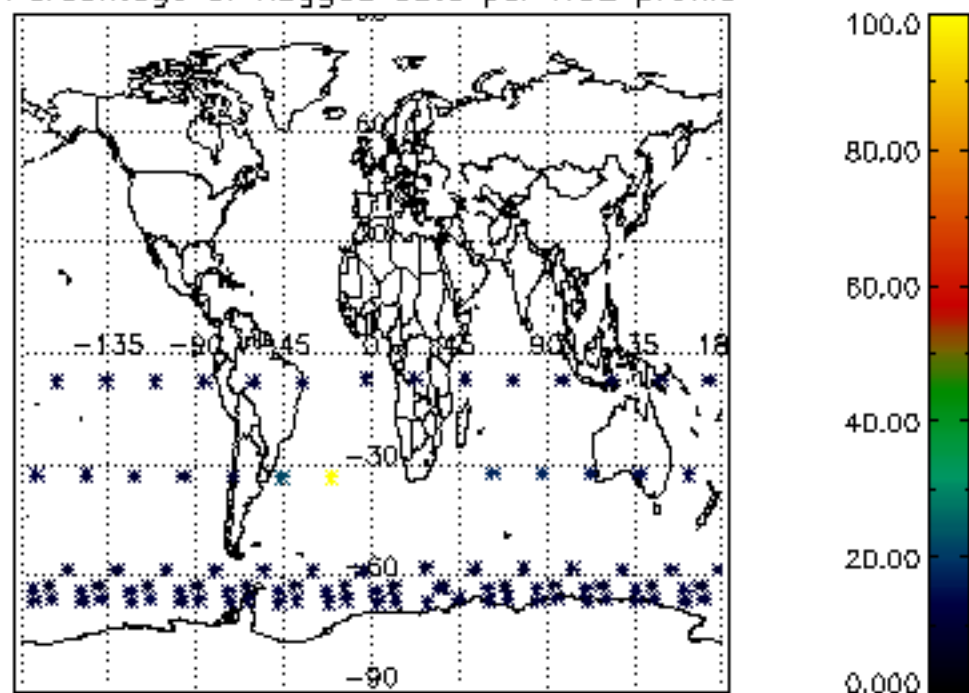
Percentage of flagged data per D3 profile



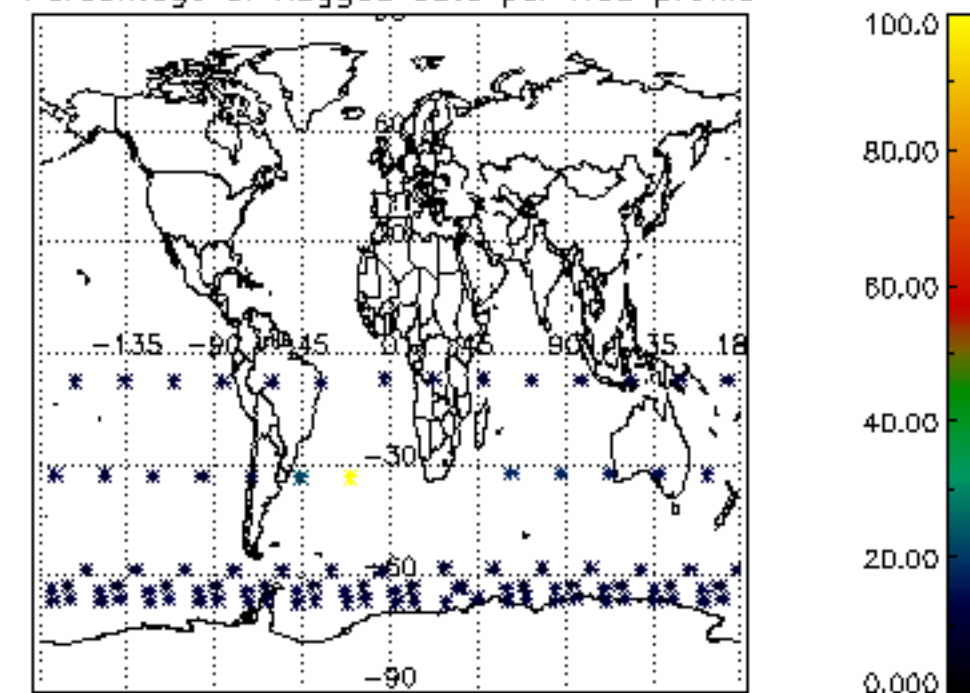
Percentage of flagged data per H2O profile

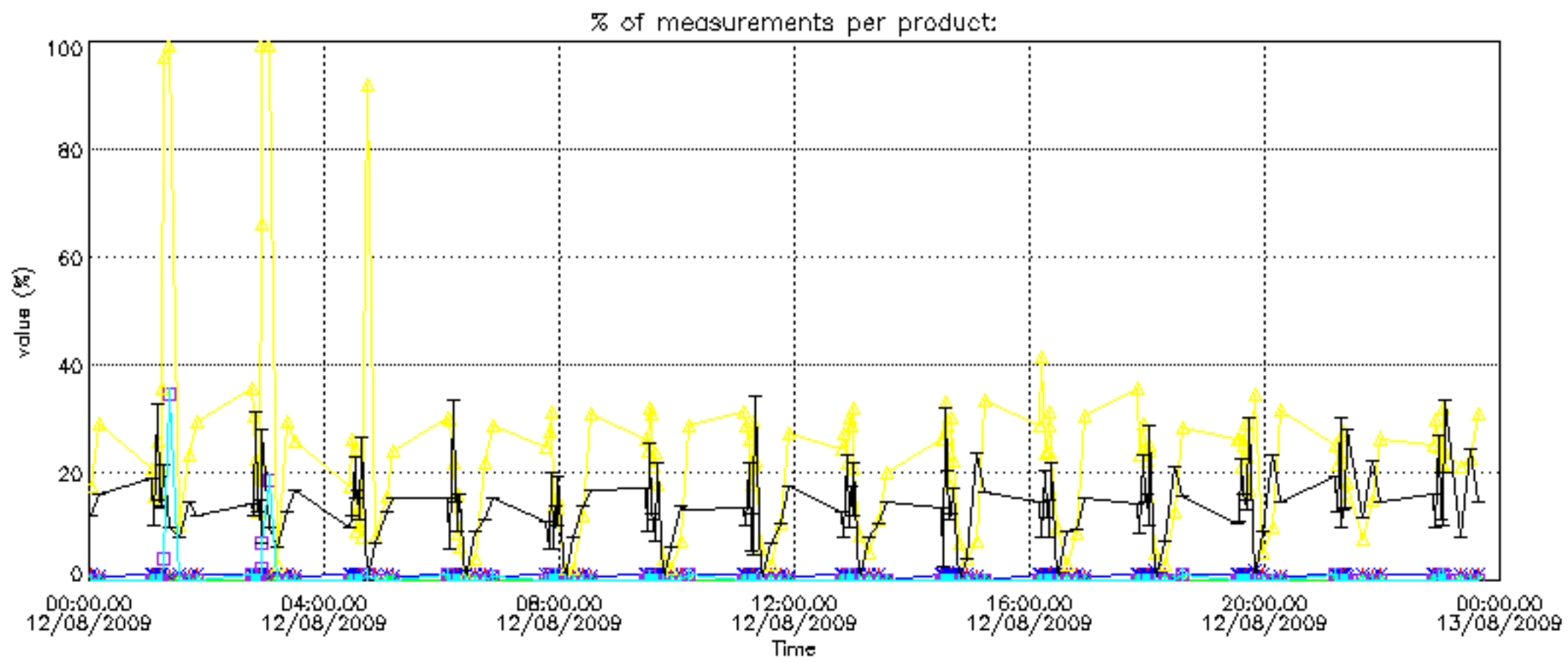


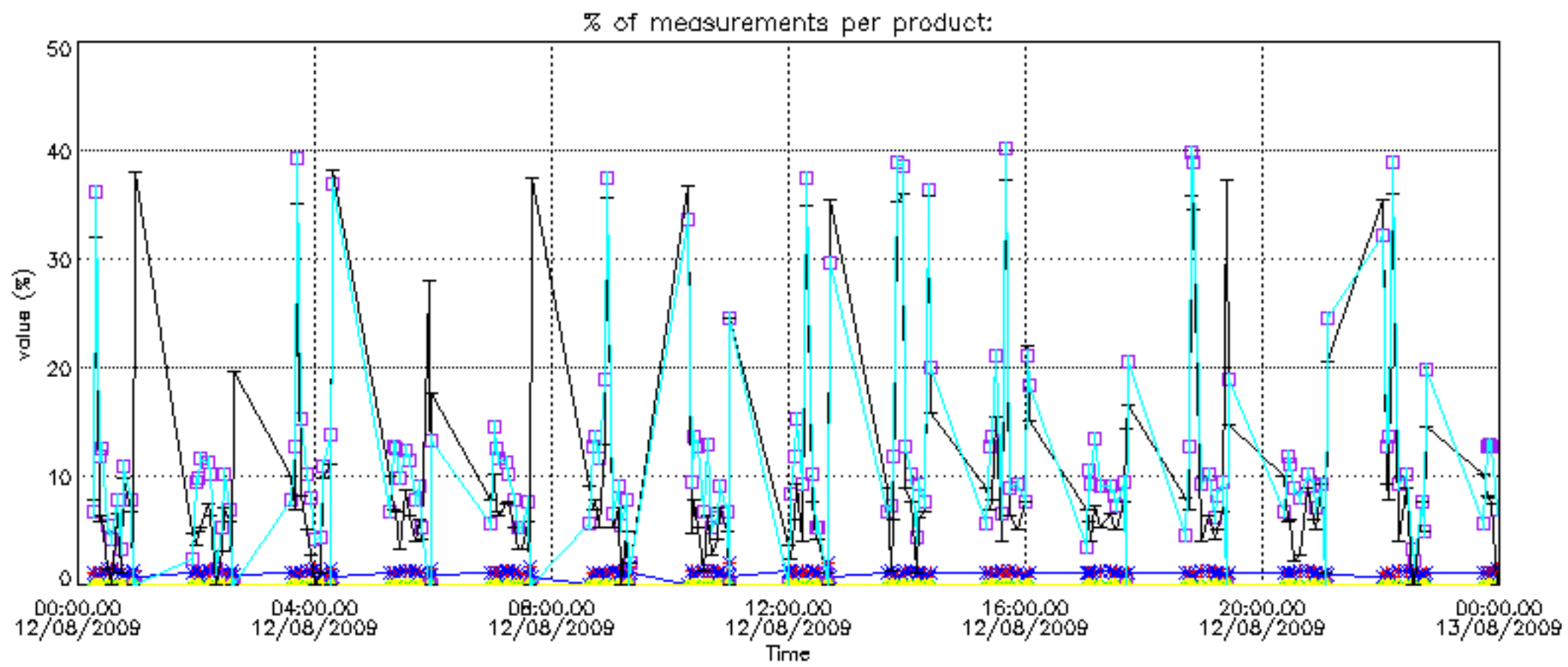
Percentage of flagged data per NO2 profile



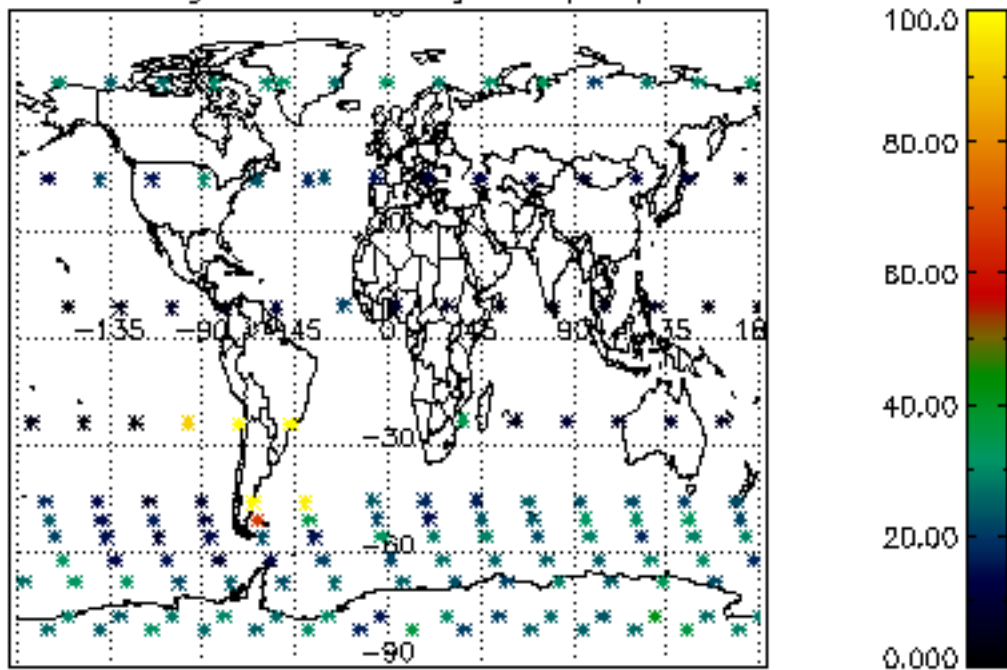
Percentage of flagged data per NO3 profile



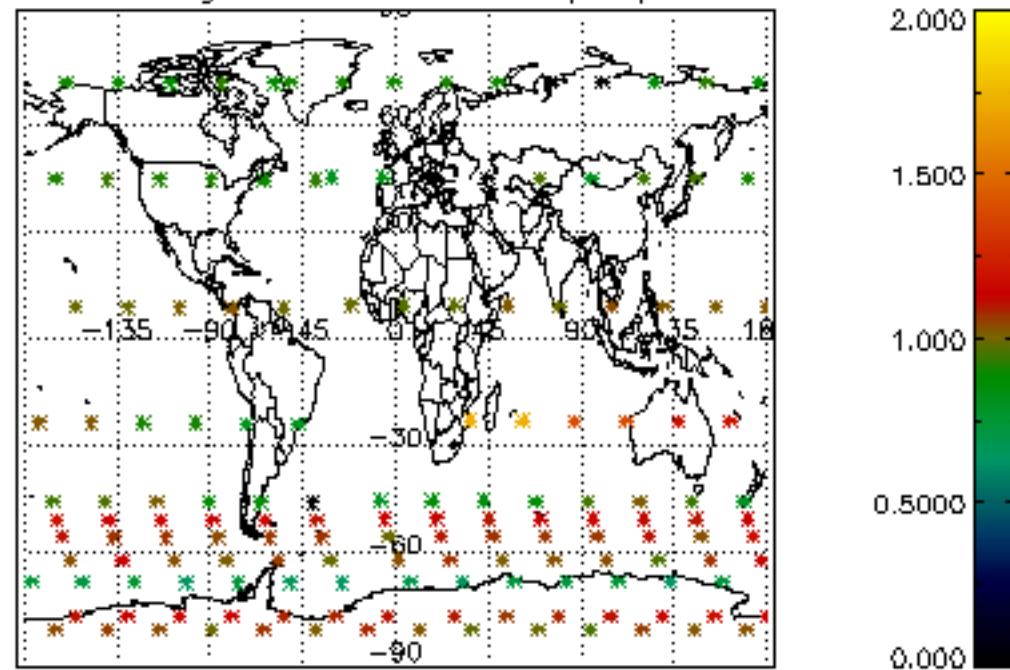




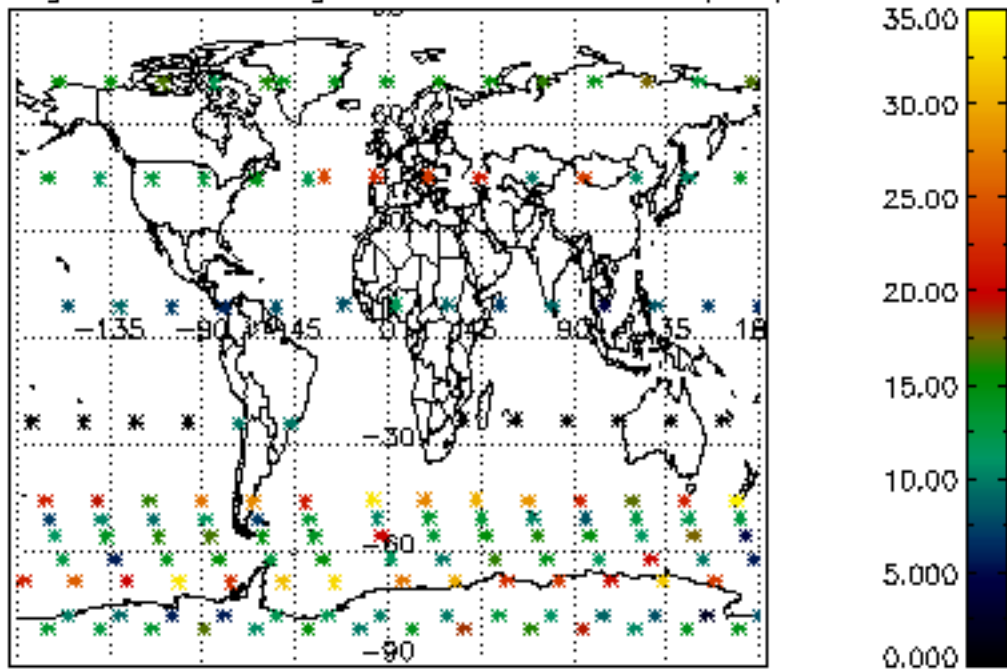
Percentage of cosmic ray hits per profile



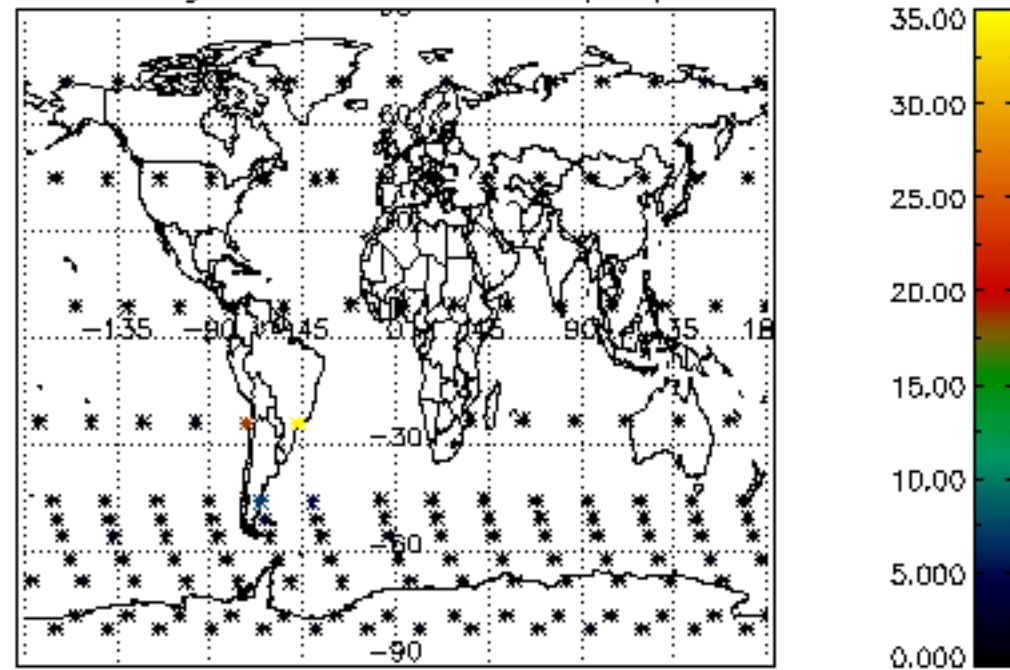
Percentage of datation errors per profile



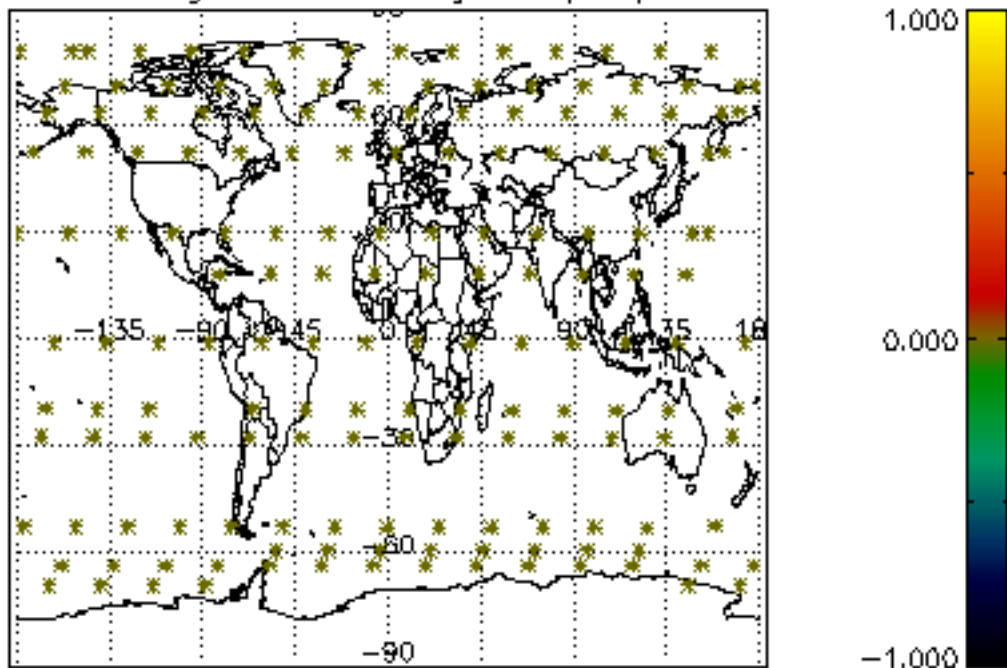
Percentage of star falling outside central band per profile



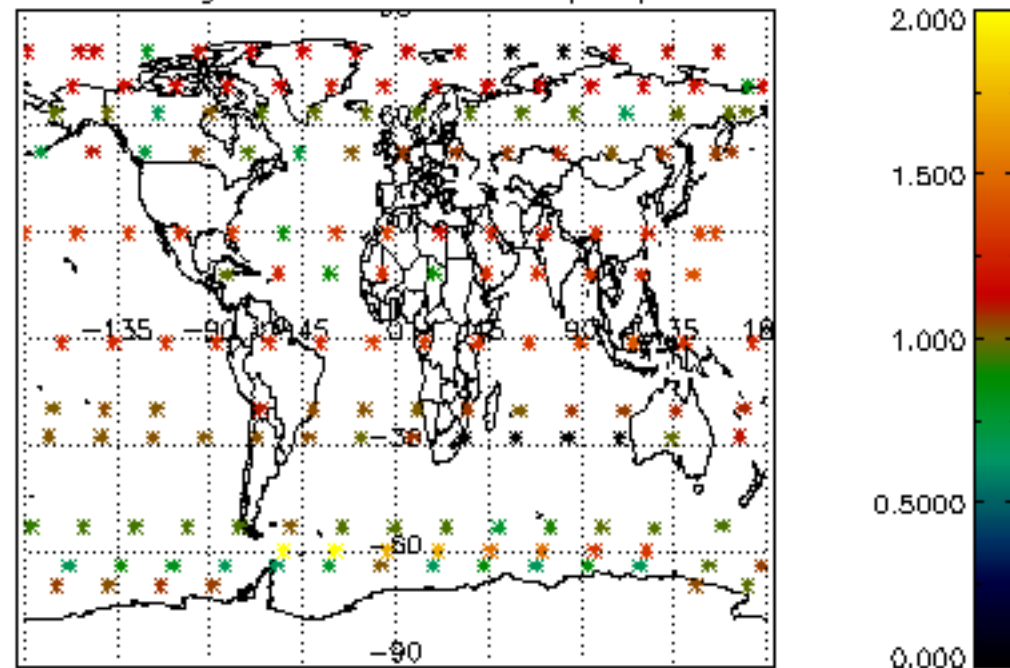
Percentage of saturation errors per profile



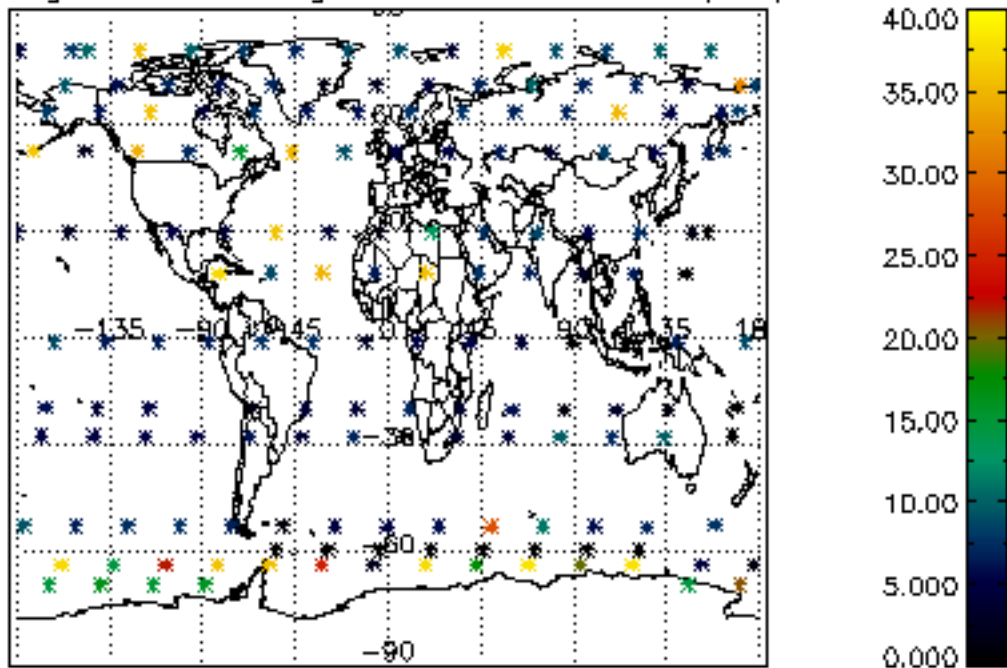
Percentage of cosmic ray hits per profile



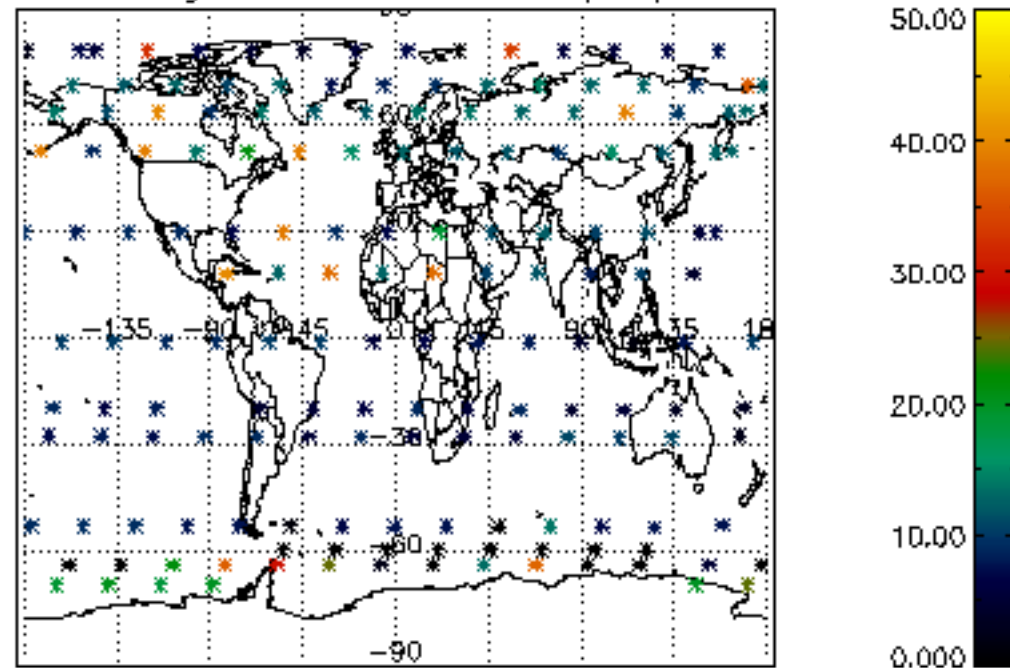
Percentage of datation errors per profile

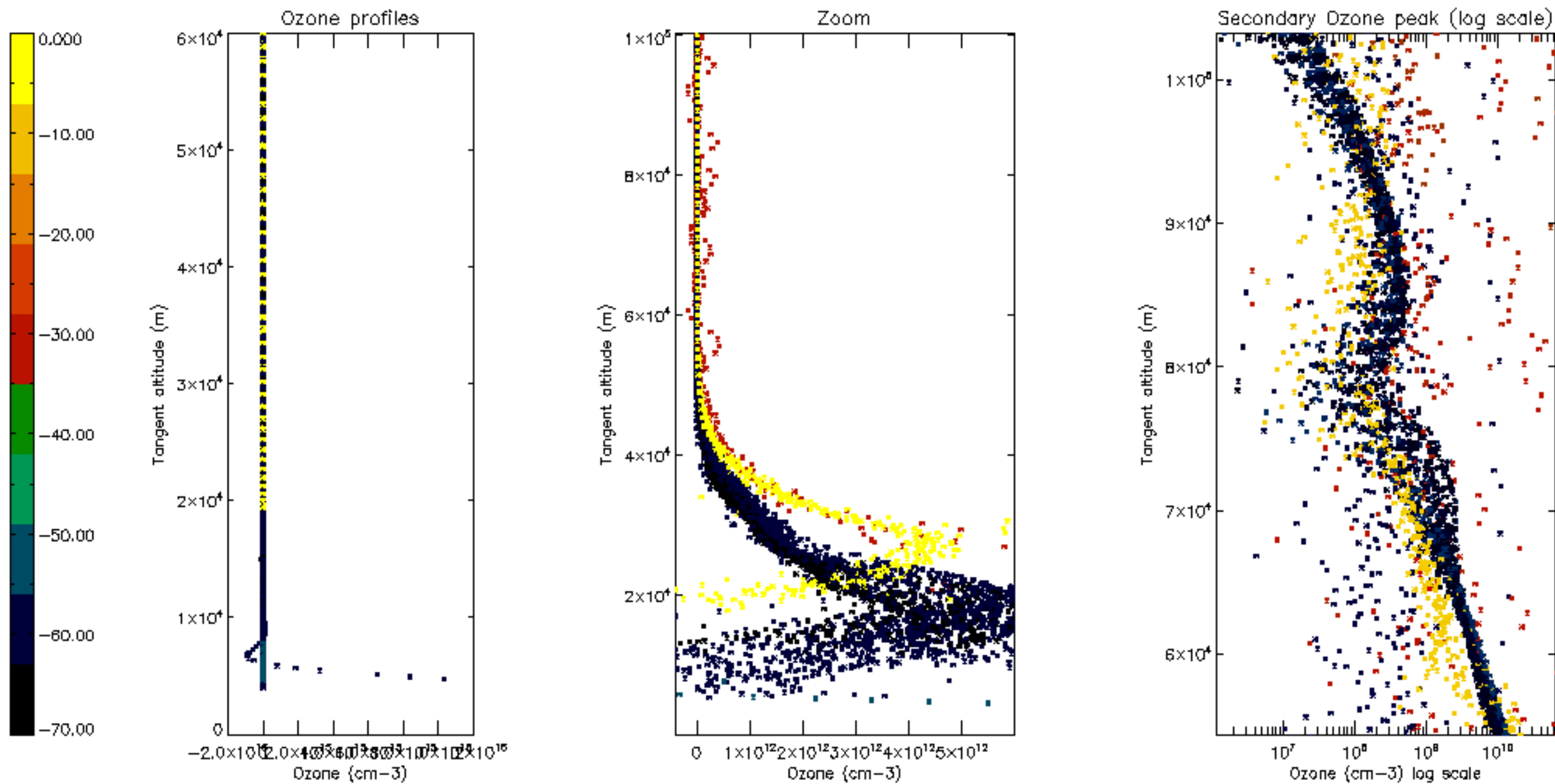


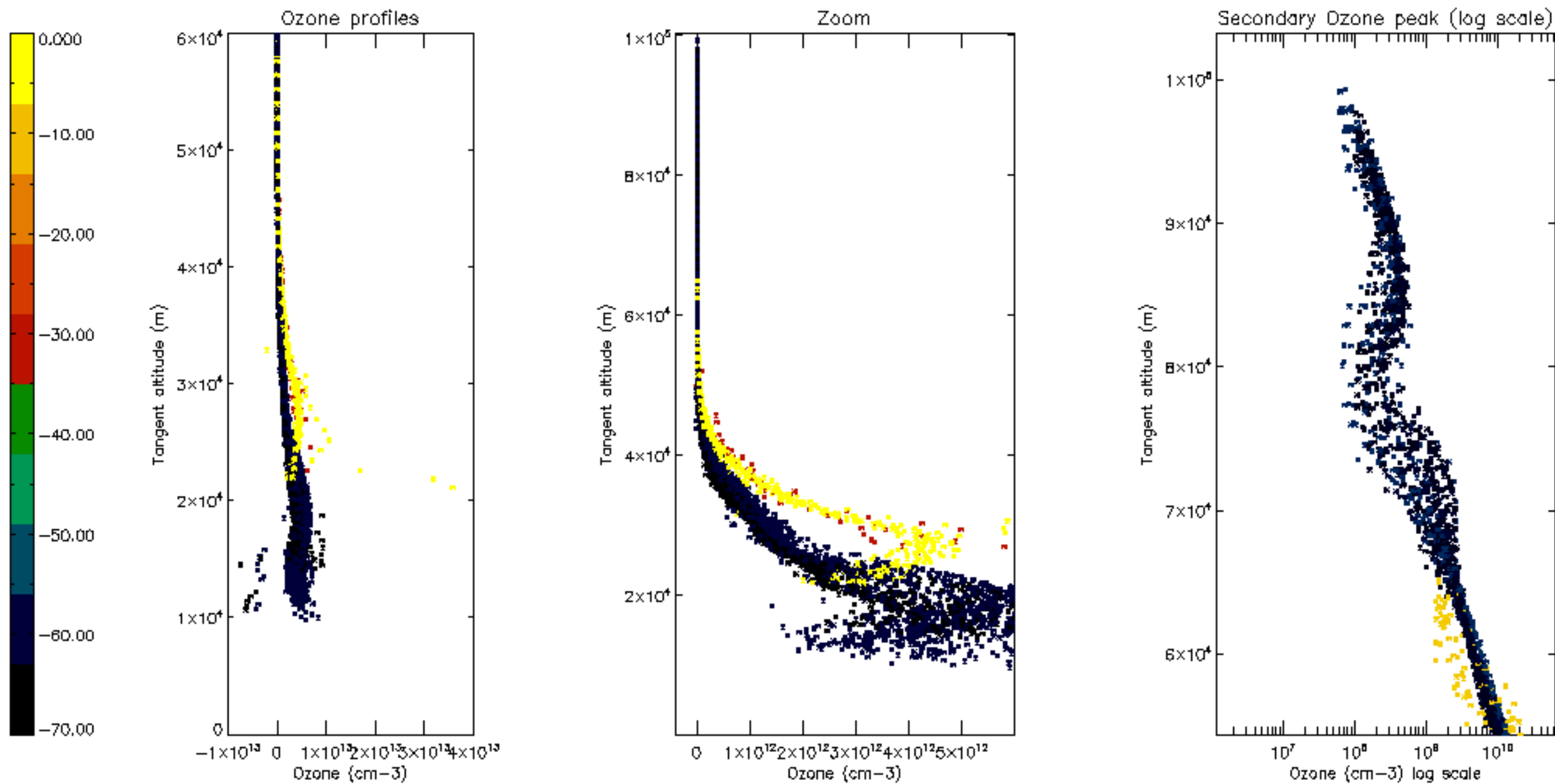
Percentage of star falling outside central band per profile

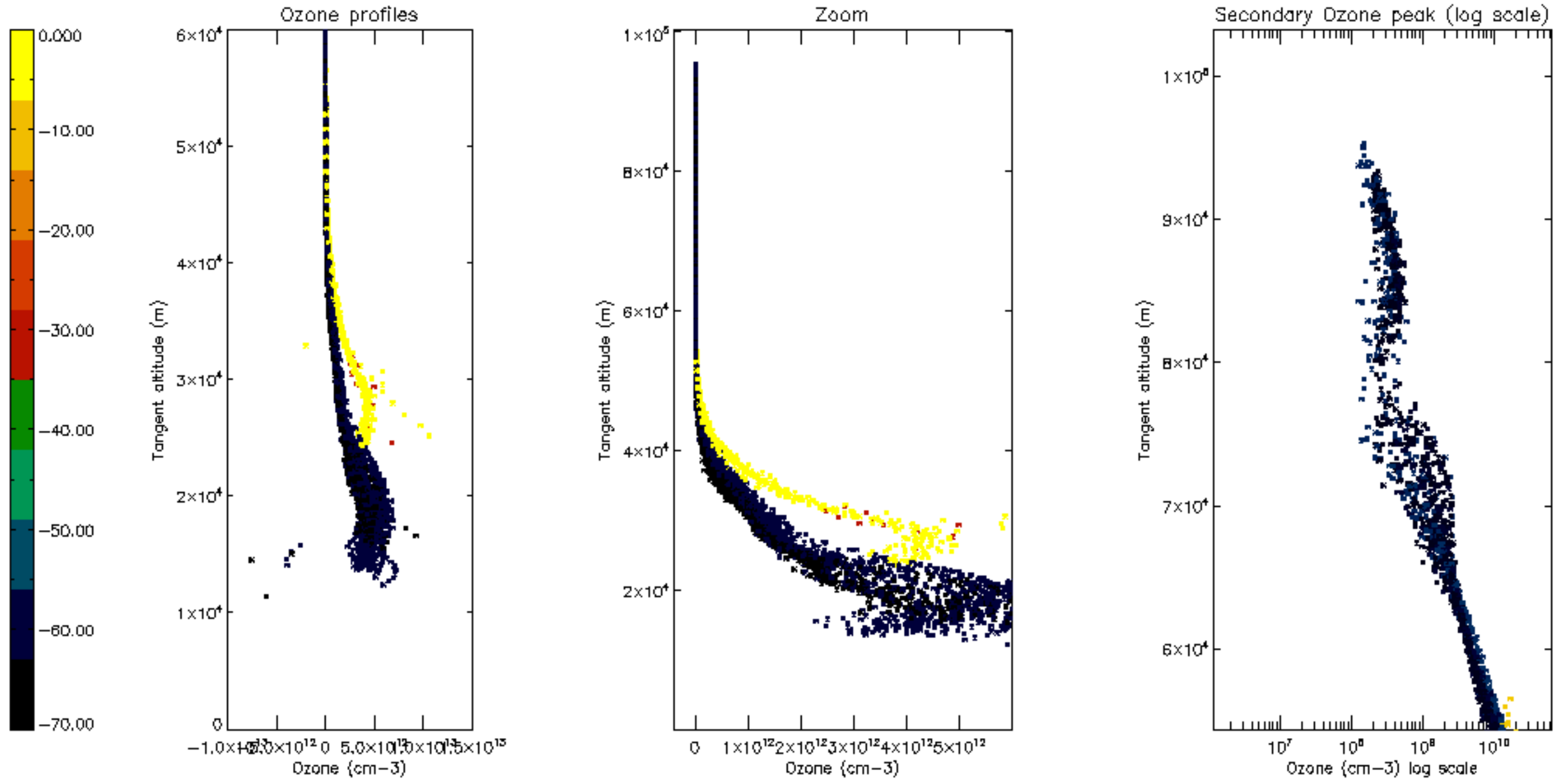


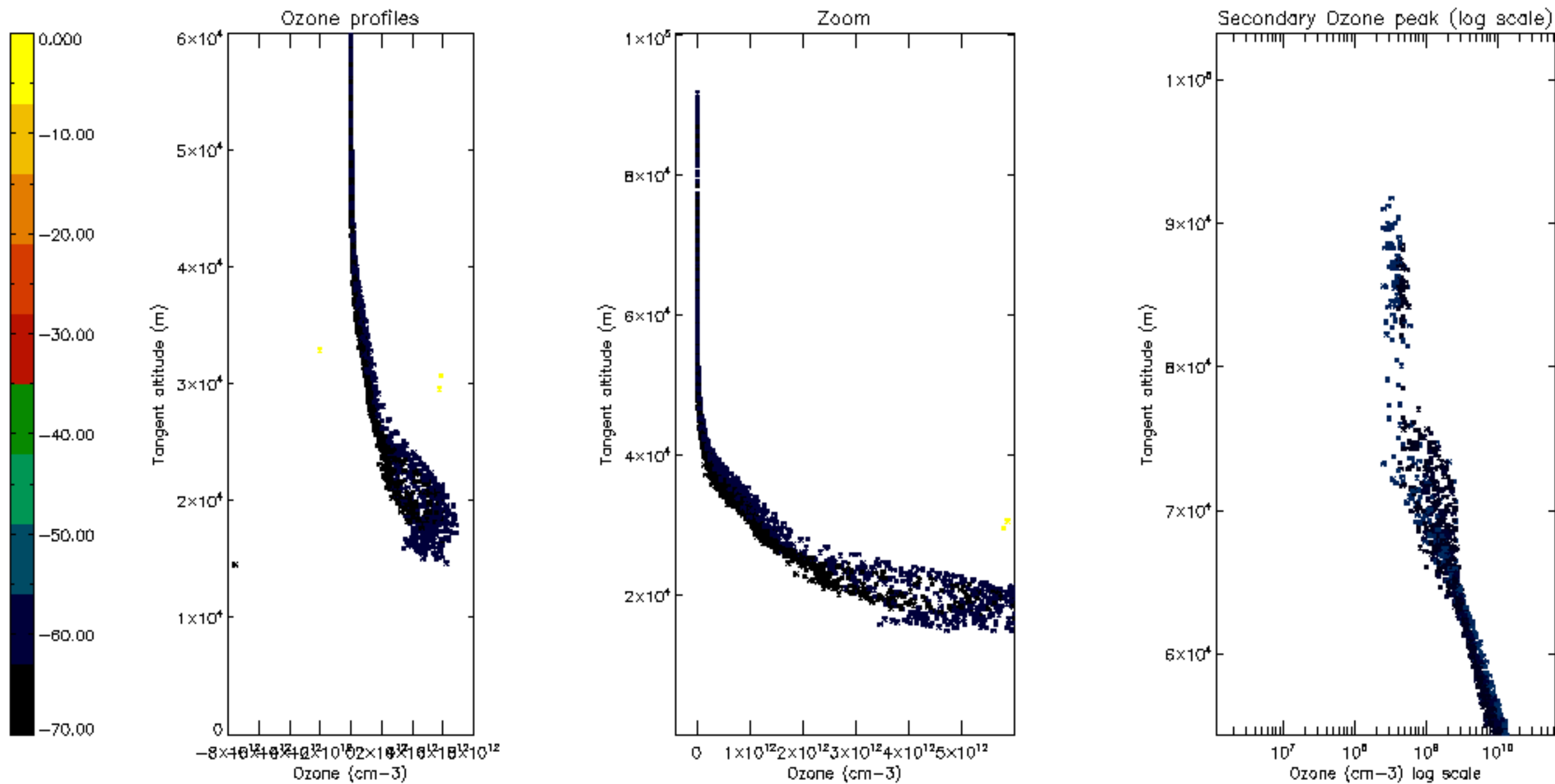
Percentage of saturation errors per profile

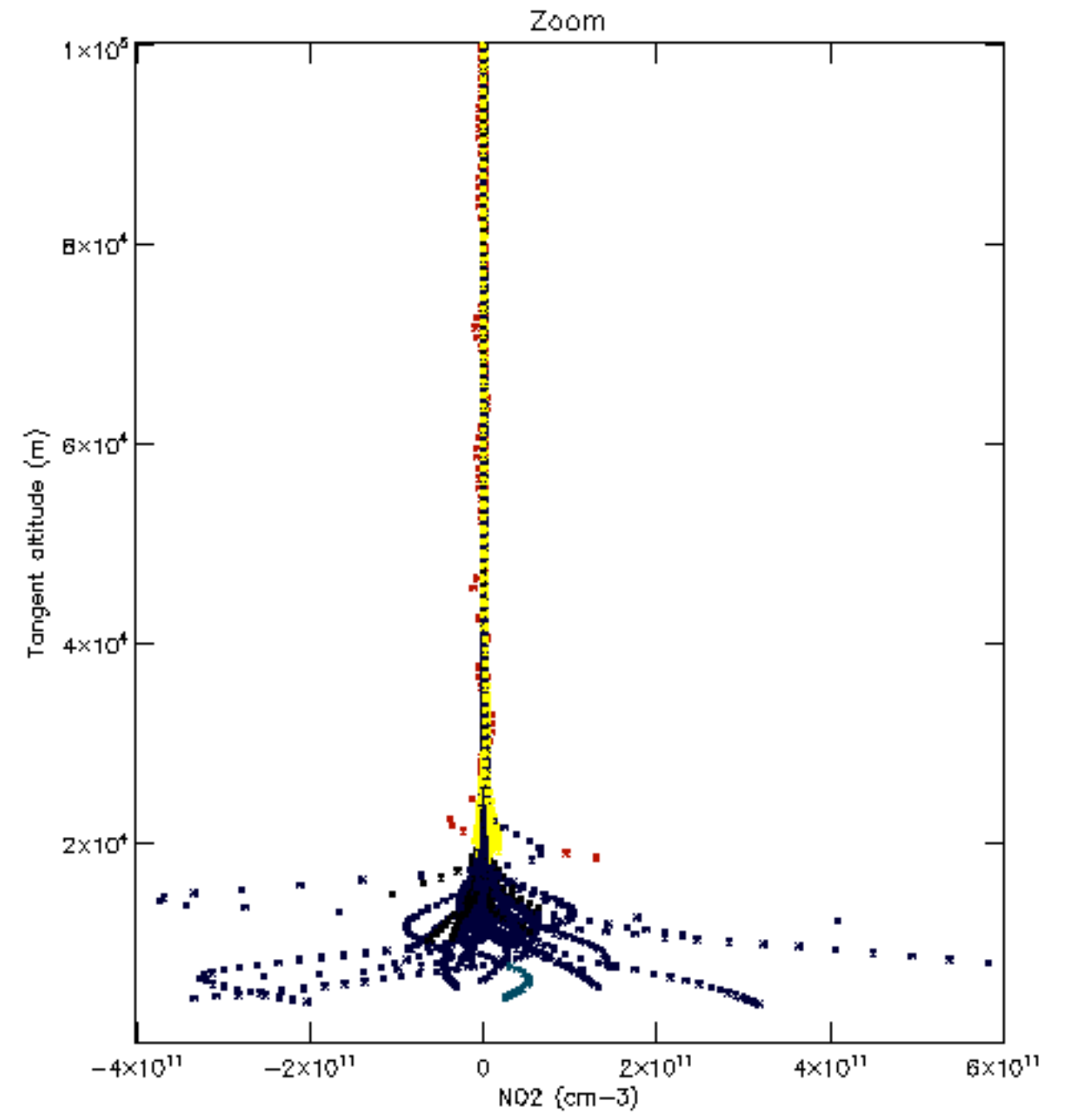
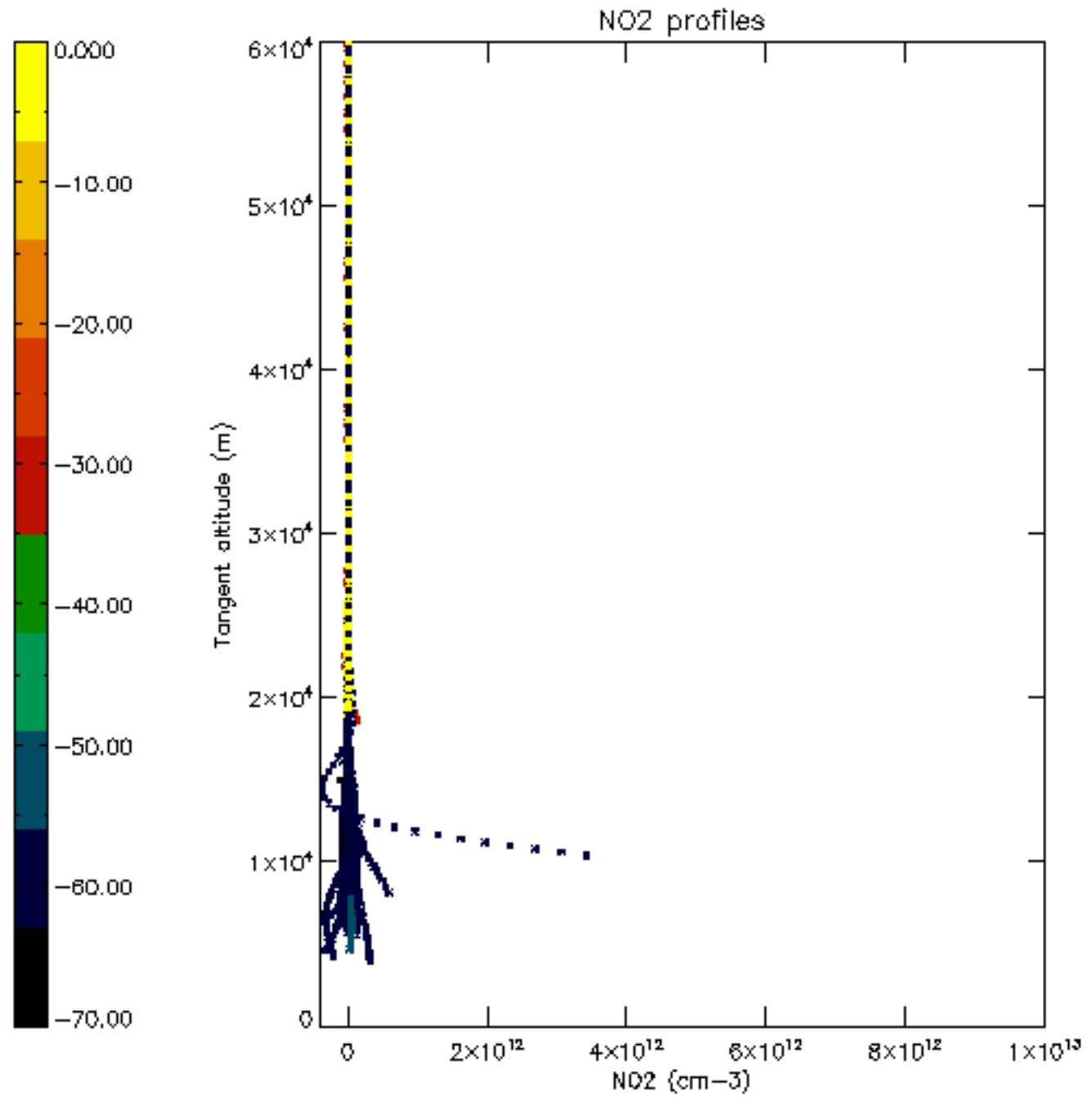


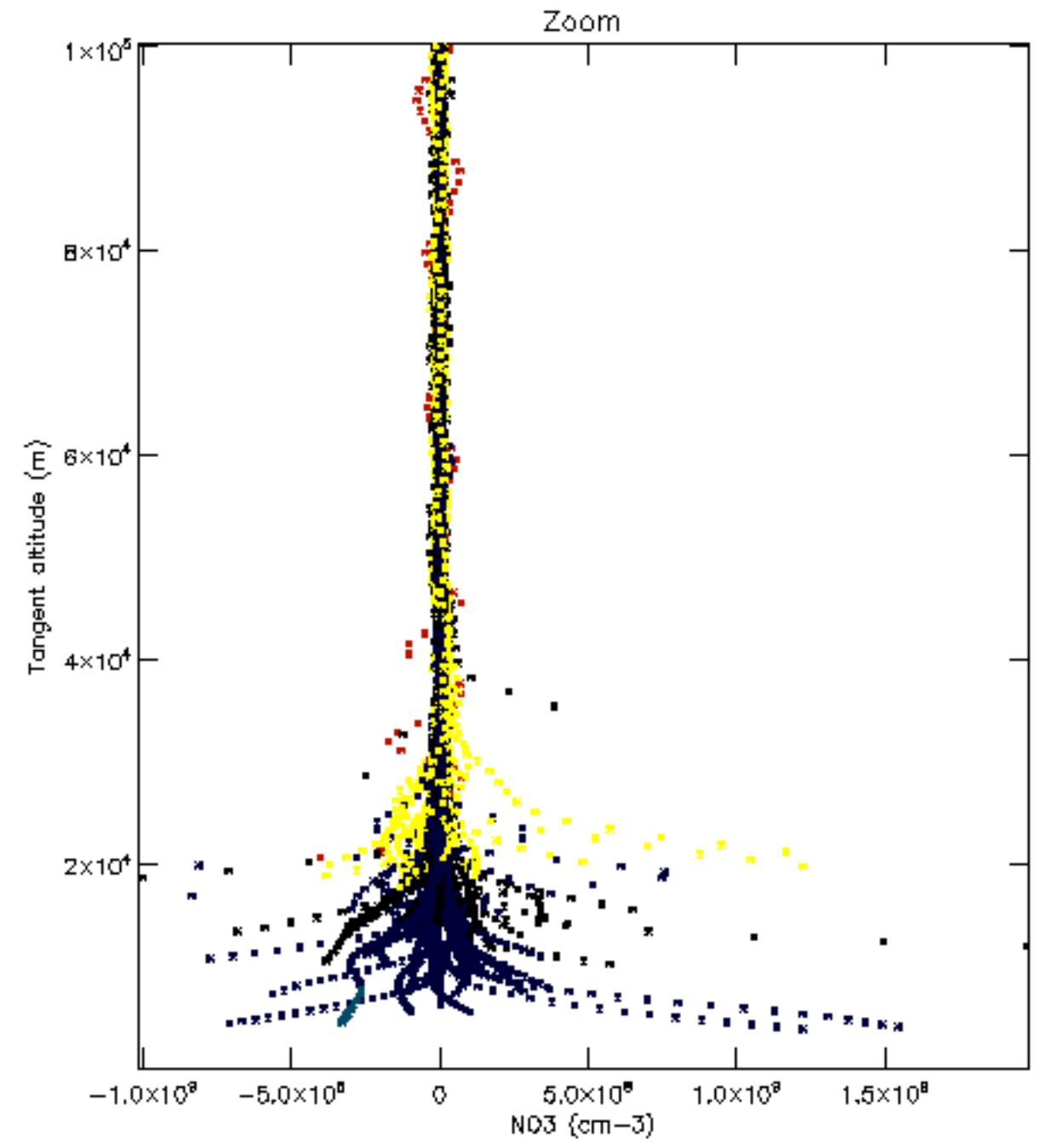
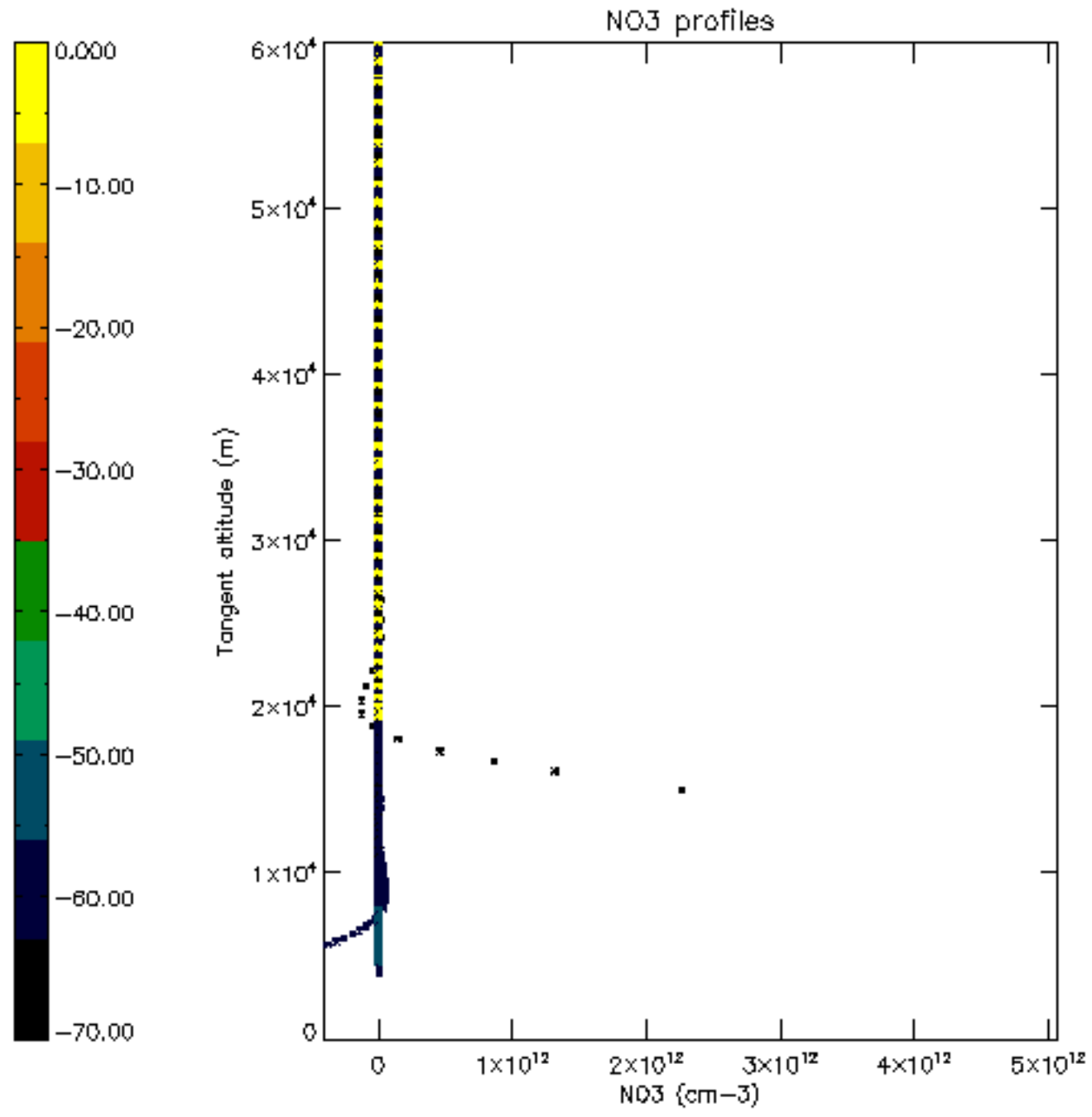


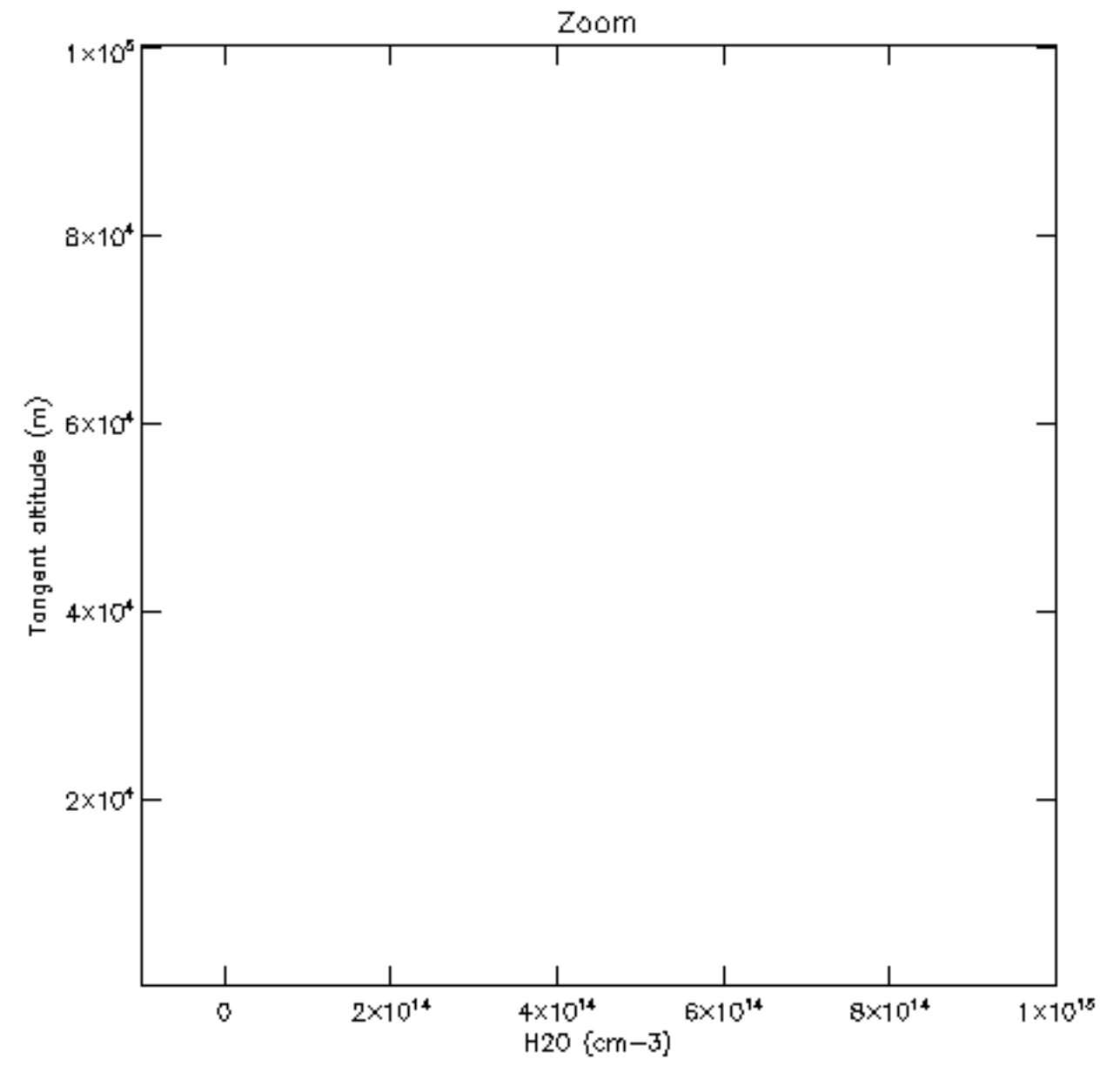
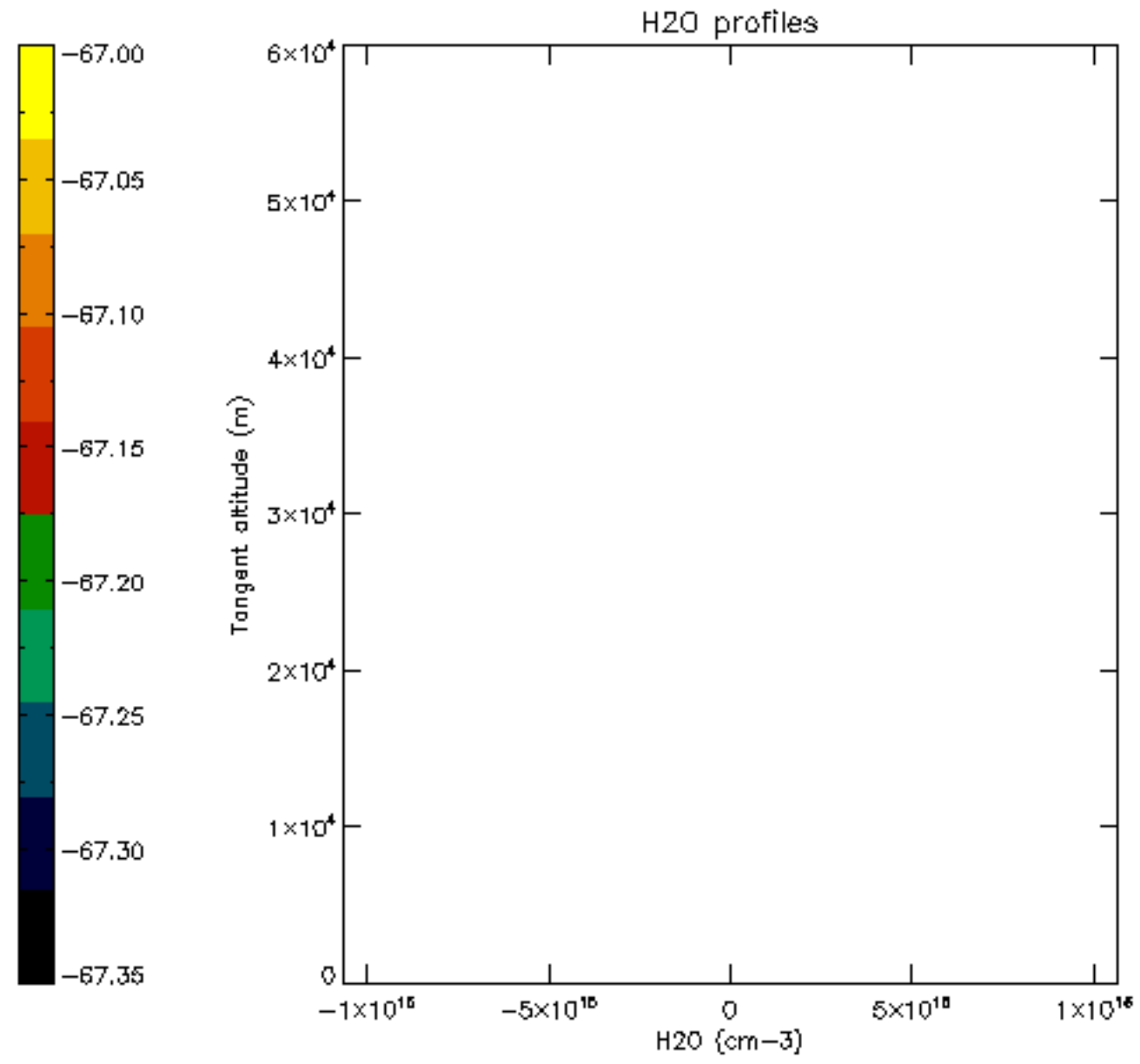


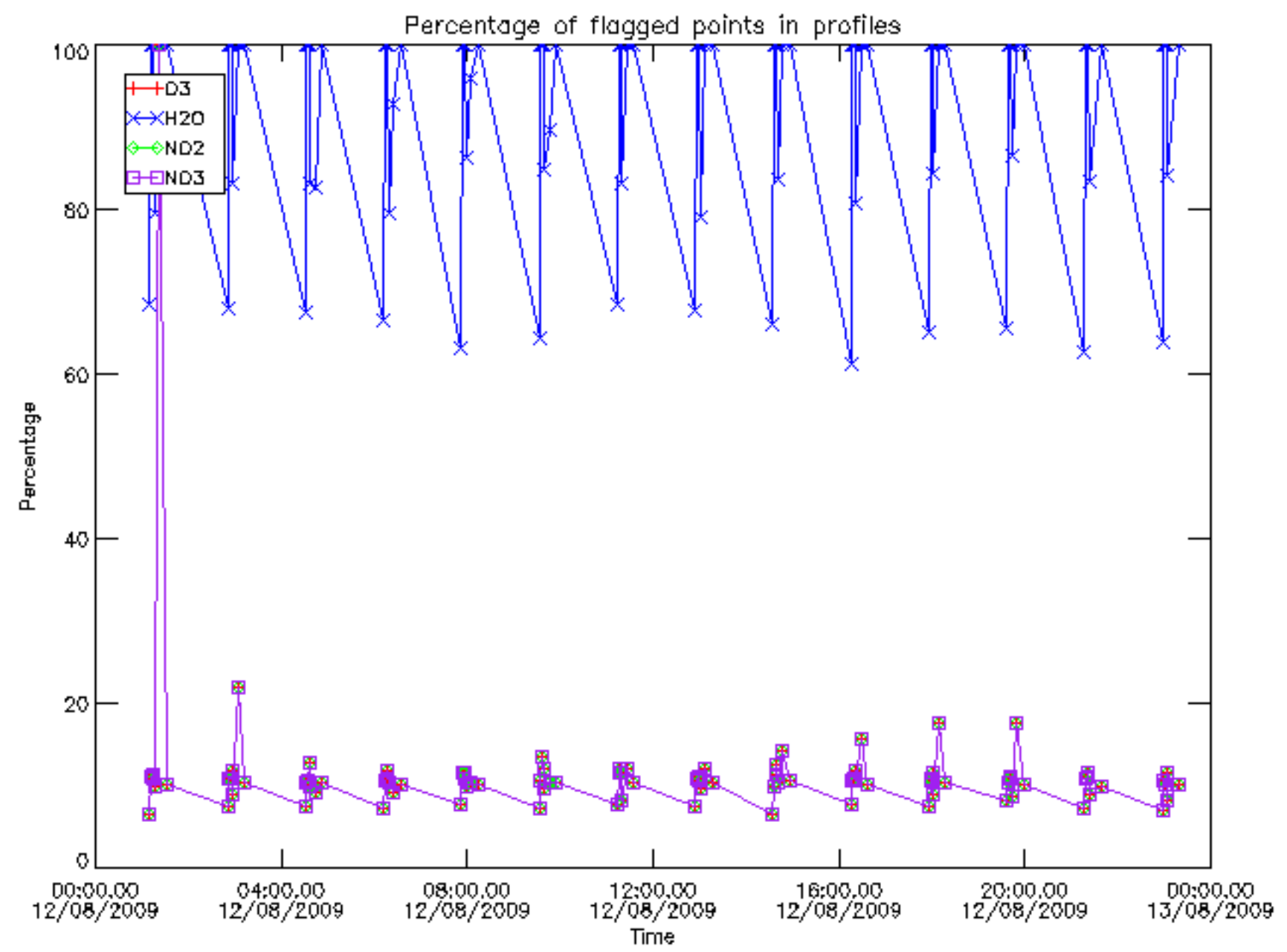




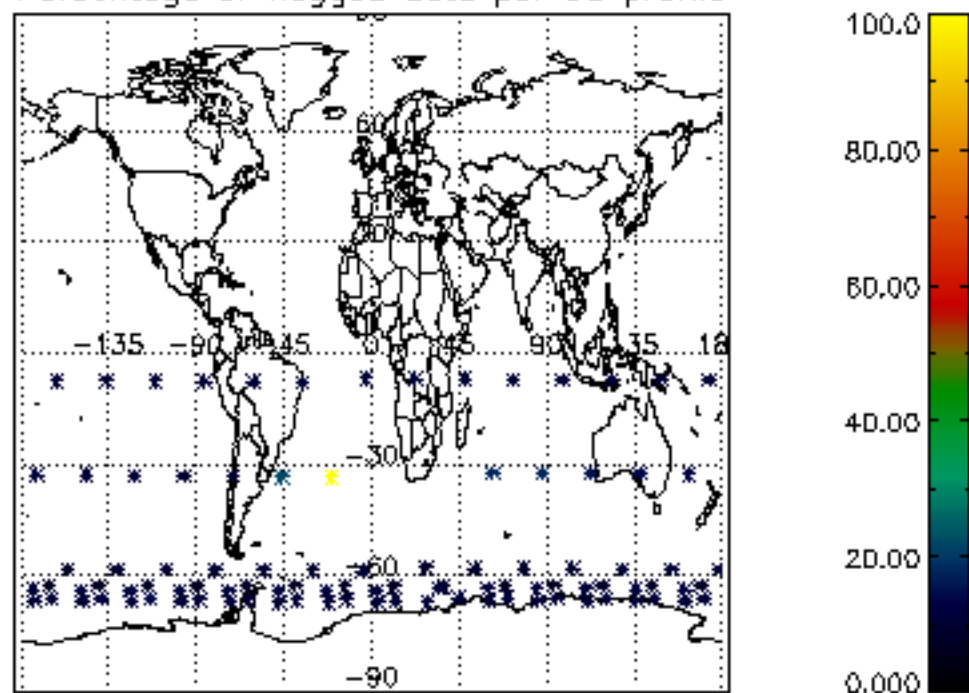




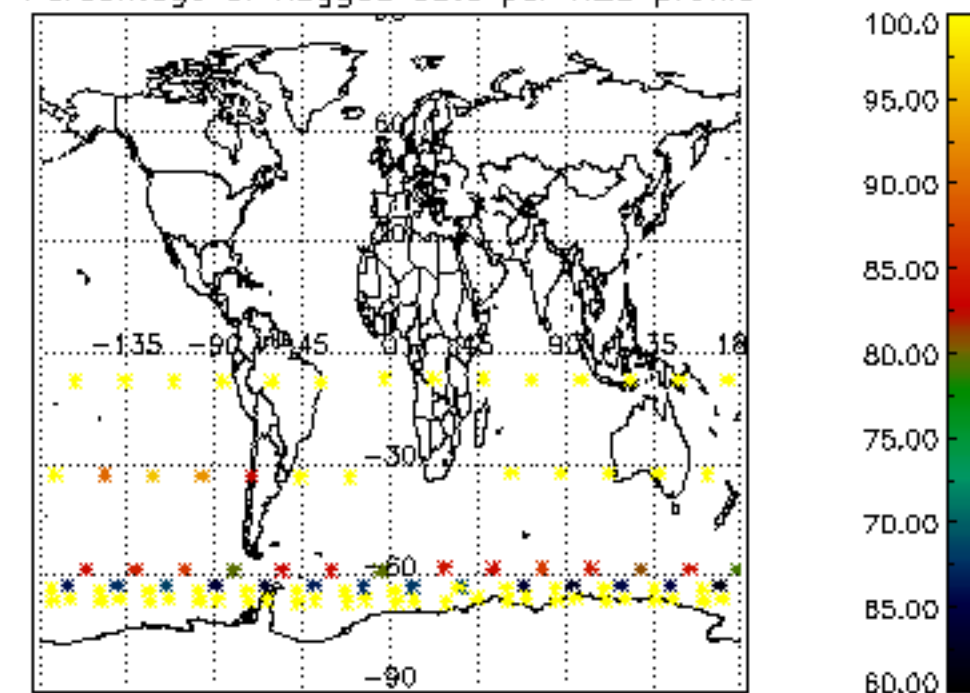




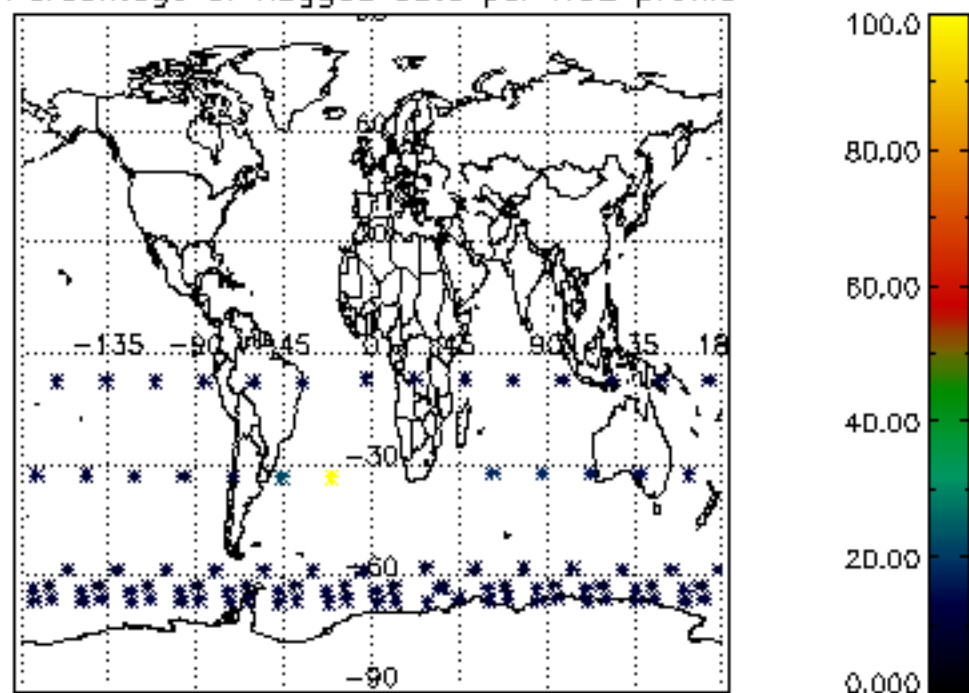
Percentage of flagged data per D3 profile



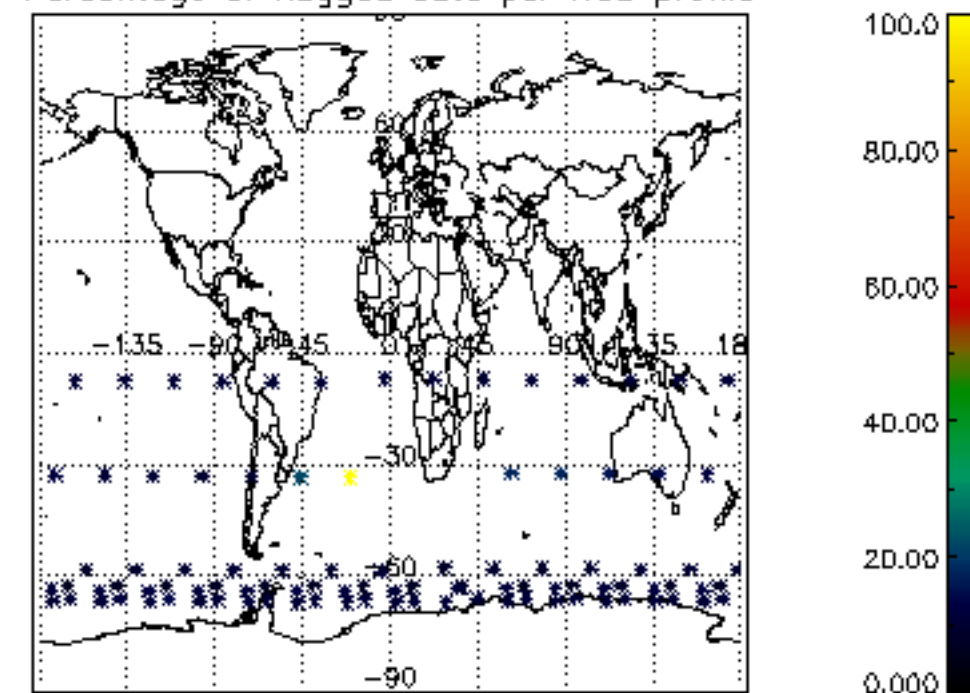
Percentage of flagged data per H2O profile

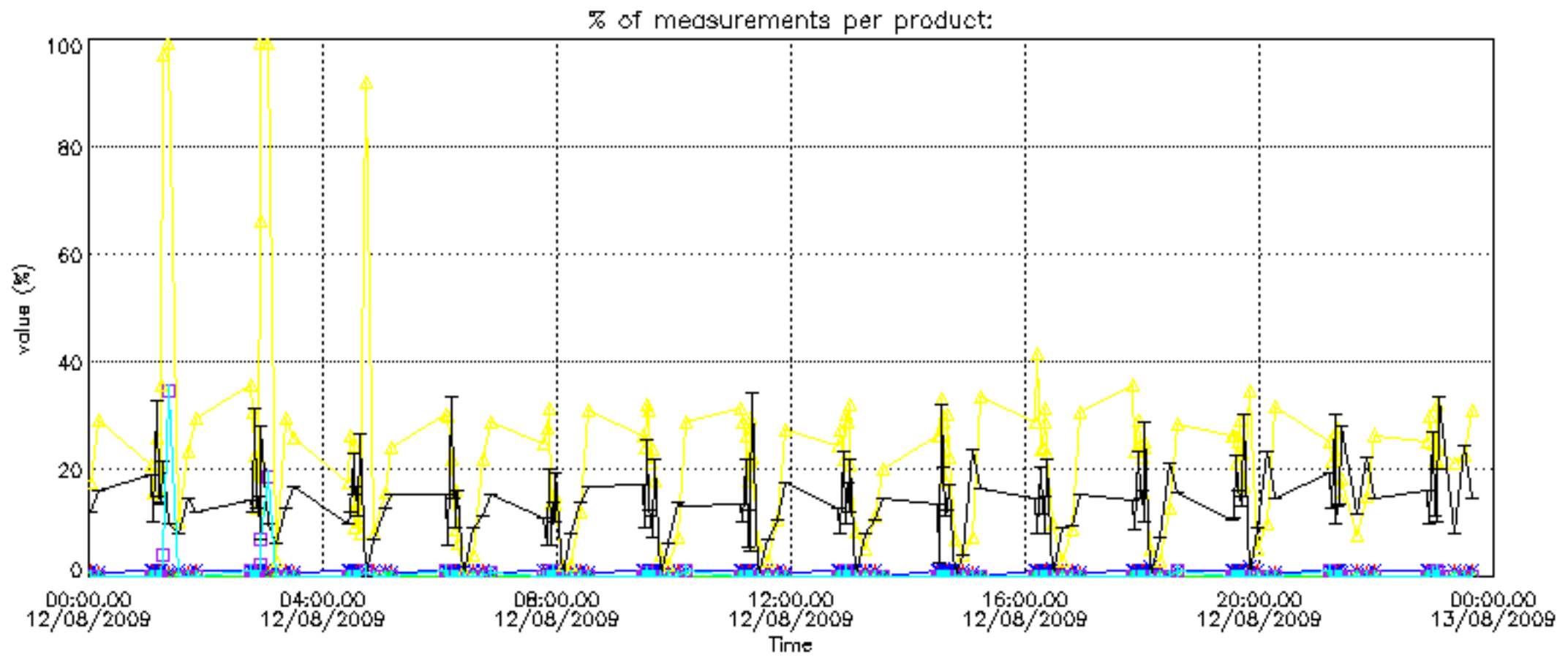


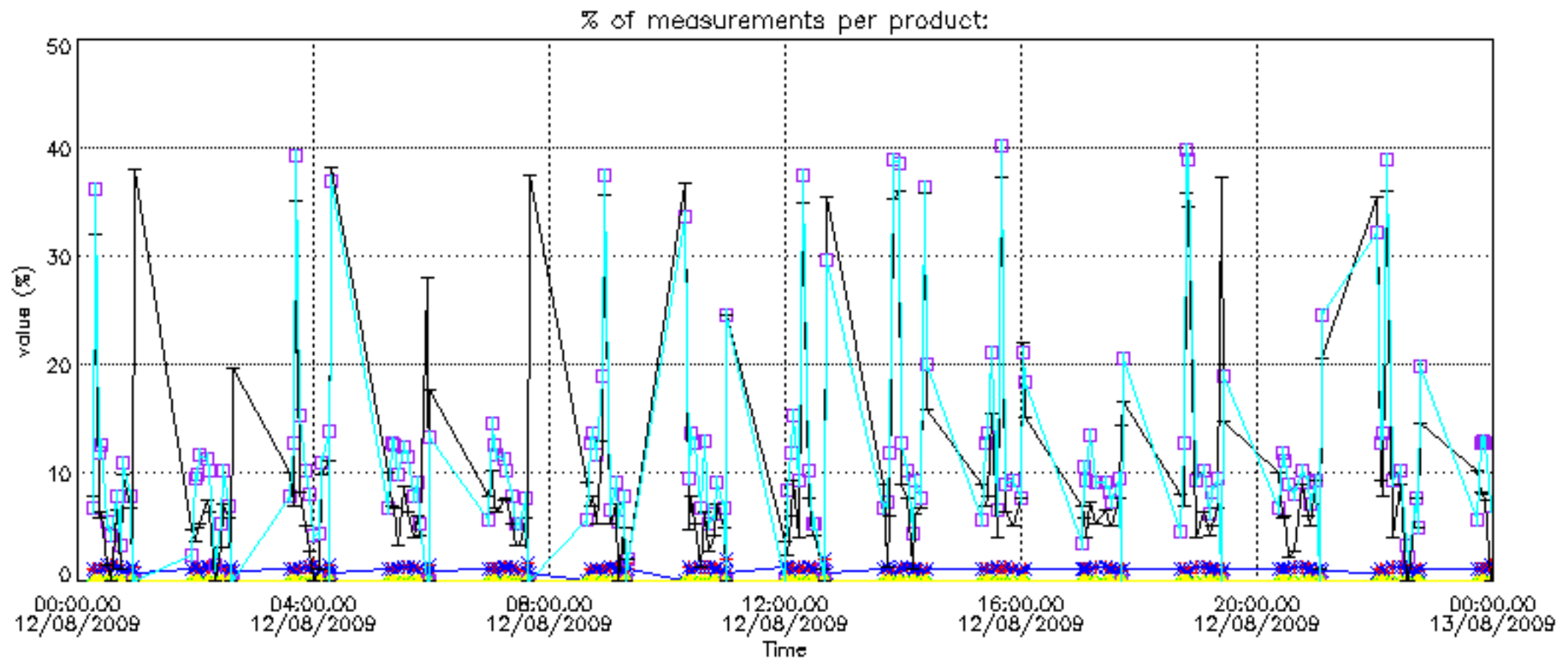
Percentage of flagged data per NO2 profile



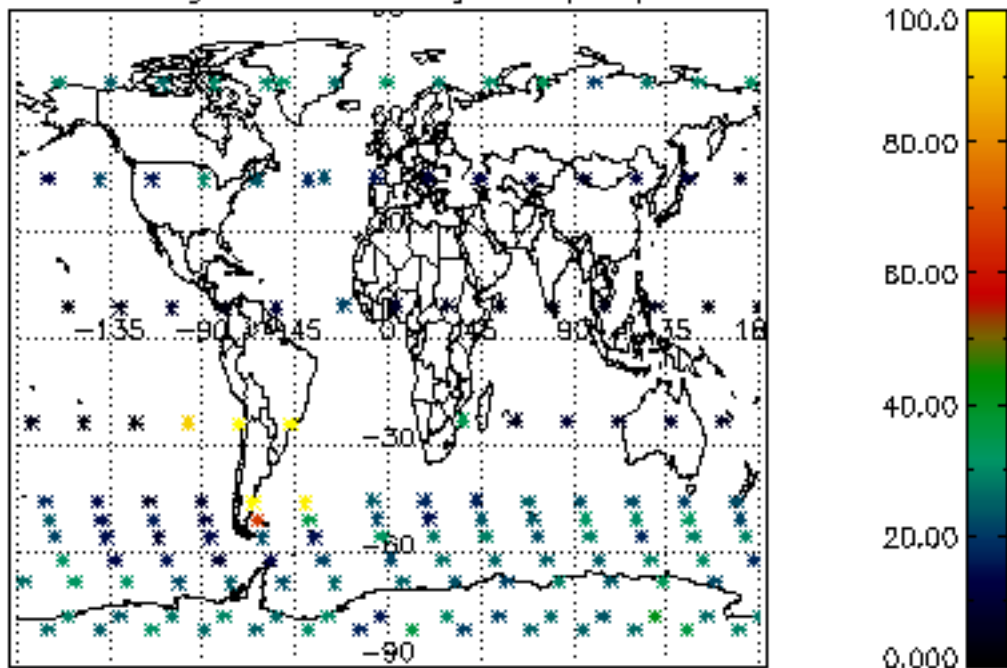
Percentage of flagged data per NO3 profile



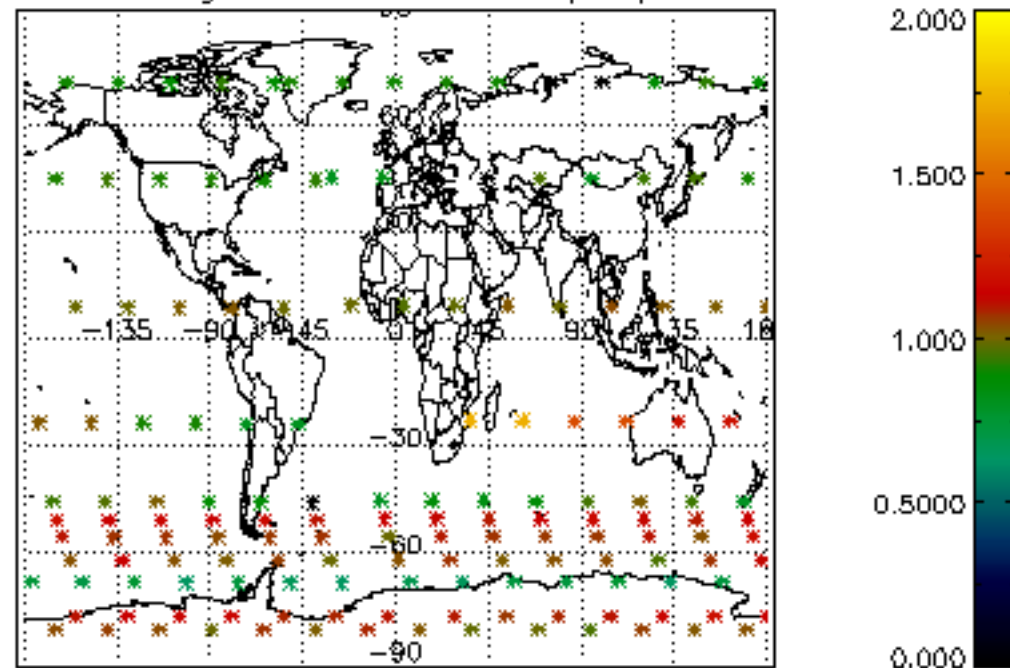




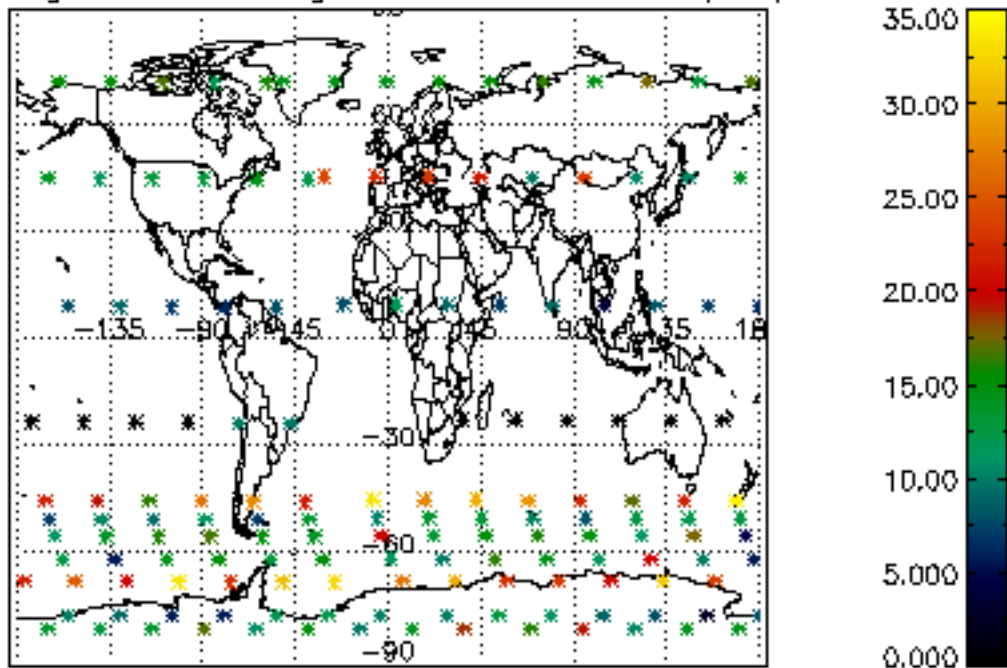
Percentage of cosmic ray hits per profile



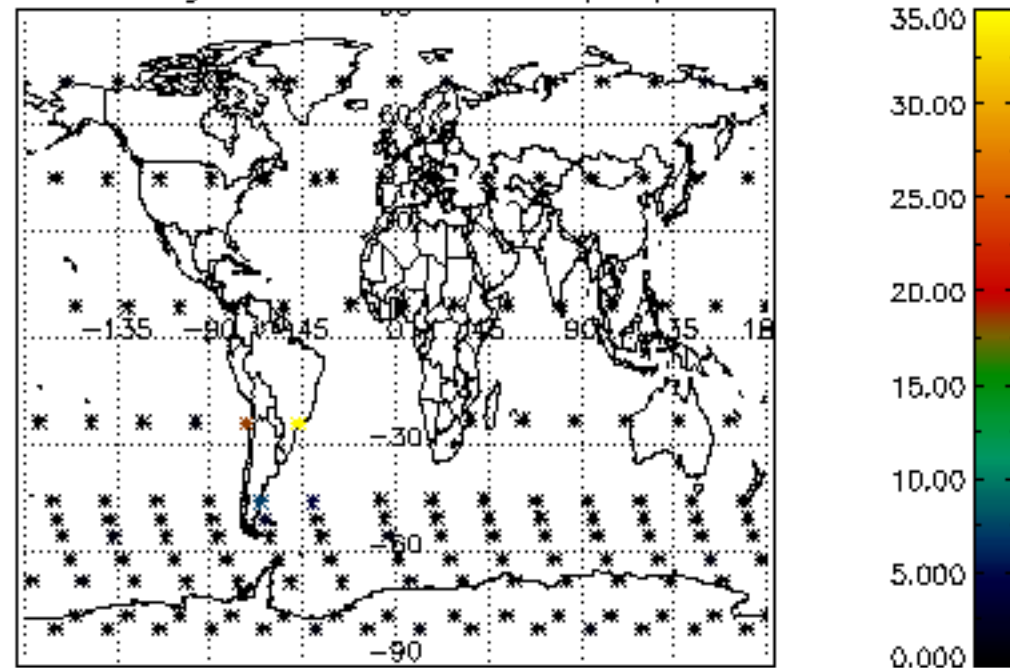
Percentage of datation errors per profile



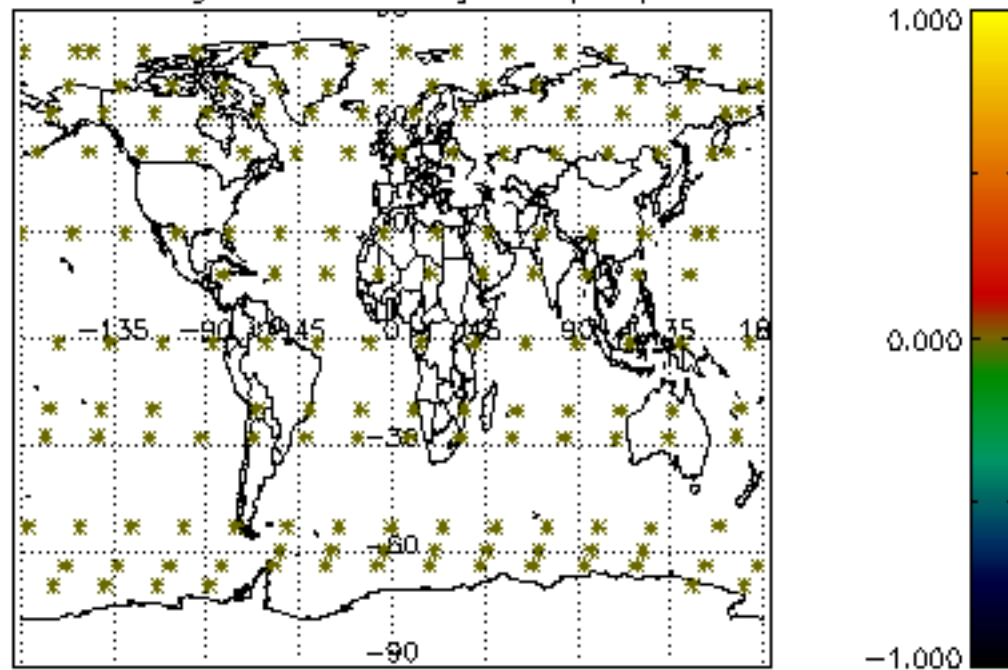
Percentage of star falling outside central band per profile



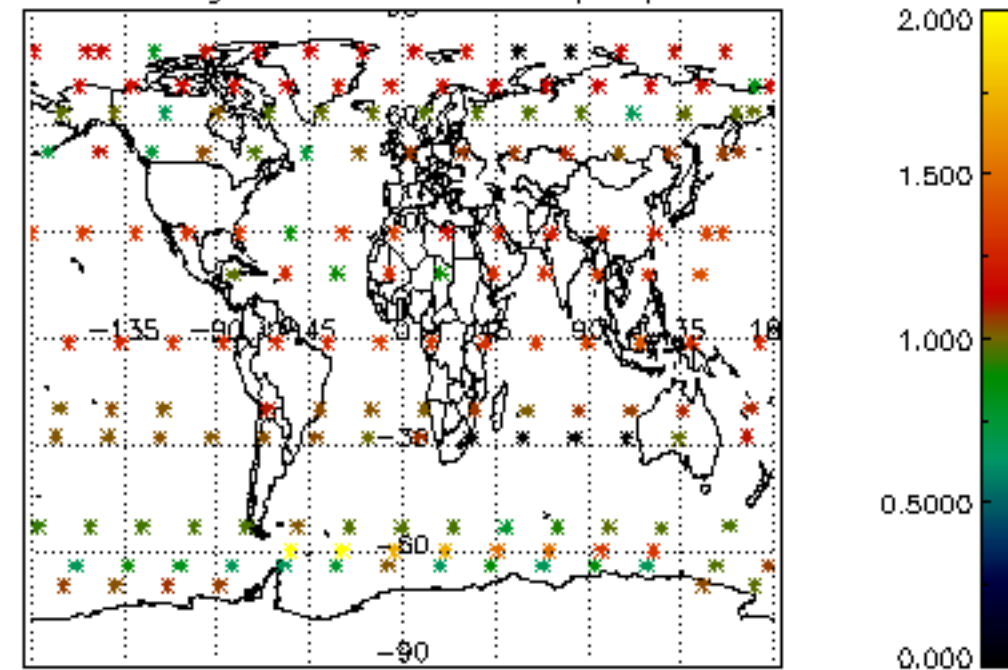
Percentage of saturation errors per profile



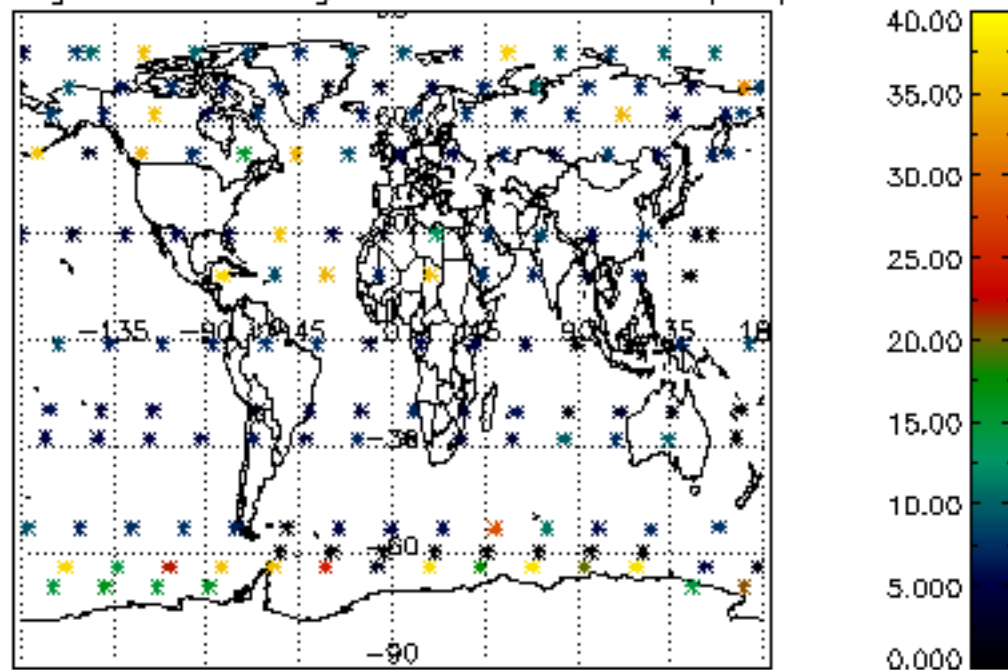
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

