

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 11:27:44
Data source version	GOMOS/6.01
Start time of products	05-08-2009 (05AUG2009 00:00:00)
Stop time of products	06-08-2009 (06AUG2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	258
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__2PRFIN20090805_000923_000000482081_00217_38848_5851.N1	05-AUG-2009 00:09:23	Dark	47.500	157	The1Eri	2.9060	9300.0	95	38848	No
2	GOM_NL__2PRFIN20090805_001942_000000642081_00217_38848_5852.N1	05-AUG-2009 00:19:42	Straylight	64.000	84	Alp Phe	2.3970	4500.0	128	38848	No
3	GOM_NL__2PRFIN20090805_002333_000000552081_00217_38848_5853.N1	05-AUG-2009 00:23:33	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	38848	No
4	GOM_NL__2PRFIN20090805_002821_000000612081_00217_38848_5854.N1	05-AUG-2009 00:28:21	Twilight_stray	61.000	18	24Alp PsA	1.1660	9700.0	122	38848	No
5	GOM_NL__2PRFIN20090805_003505_000000502081_00217_38848_5855.N1	05-AUG-2009 00:35:05	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	38848	No
6	GOM_NL__2PRFIN20090805_003903_000000492081_00217_38848_5856.N1	05-AUG-2009 00:39:03	Bright	49.000	154	22Bet Aqr	2.8990	5700.0	98	38848	No
7	GOM_NL__2PRFIN20090805_005122_000000432081_00217_38848_5857.N1	05-AUG-2009 00:51:22	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	38848	No
8	GOM_NL__2PRFIN20090805_005432_000000412081_00217_38848_5858.N1	05-AUG-2009 00:54:32	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	38848	No
9	GOM_NL__2PRFIN20090805_005958_000000392081_00217_38848_5859.N1	05-AUG-2009 00:59:58	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38848	No
10	GOM_NL__2PRFIN20090805_010603_000000512081_00217_38848_5860.N1	05-AUG-2009 01:06:03	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	38848	No
11	GOM_NL__2PRFIN20090805_010806_000000482081_00217_38848_5861.N1	05-AUG-2009 01:08:06	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38848	No
12	GOM_NL__2PRFIN20090805_011447_000000482081_00217_38848_5862.N1	05-AUG-2009 01:14:47	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	38848	No
13	GOM_NL__2PRFIN20090805_011631_000000522081_00217_38848_5863.N1	05-AUG-2009 01:16:31	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	38848	No
14	GOM_NL__2PRFIN20090805_011851_000000472081_00217_38848_5864.N1	05-AUG-2009 01:18:51	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	38848	No
15	GOM_NL__2PRFIN20090805_012042_000000522081_00217_38848_5865.N1	05-AUG-2009 01:20:42	Bright	51.500	149	45Eps Per	2.8880	30000.	103	38848	No
16	GOM_NL__2PRFIN20090805_012414_000000462081_00217_38848_5866.N1	05-AUG-2009 01:24:14	Bright	46.000	28	12Bet Tau	1.6500	15200.	92	38848	No
17	GOM_NL__2PRFIN20090805_012904_000000602081_00217_38848_5867.N1	05-AUG-2009 01:29:04	Dark	60.000	13	87Alp Tau	0.86700	3800.0	120	38848	No
18	GOM_NL__2PRFIN20090805_013450_000000442081_00217_38848_5868.N1	05-AUG-2009 01:34:50	Dark	43.500	128	67Bet Eri	2.7840	9700.0	87	38848	No
19	GOM_NL__2PRFIN20090805_014036_000000592081_00217_38848_5869.N1	05-AUG-2009 01:40:36	Dark	58.500	165	34Gam Eri	2.9500	3200.0	117	38848	No
20	GOM_NL__2PRFIN20090805_015000_000000482081_00218_38849_5866.N1	05-AUG-2009 01:50:00	Dark	48.000	157	The1Eri	2.9060	9300.0	96	38849	No
21	GOM_NL__2PRFIN20090805_020019_000000652081_00218_38849_5867.N1	05-AUG-2009 02:00:19	Straylight	65.000	84	Alp Phe	2.3970	4500.0	130	38849	No
22	GOM_NL__2PRFIN20090805_020410_000000542081_00218_38849_5868.N1	05-AUG-2009 02:04:10	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	38849	No
23	GOM_NL__2PRFIN20090805_020857_000000602081_00218_38849_5869.N1	05-AUG-2009 02:08:57	Twilight_stray	60.000	18	24Alp PsA	1.1660	9700.0	120	38849	No
24	GOM_NL__2PRFIN20090805_021542_000000482081_00218_38849_5870.N1	05-AUG-2009 02:15:42	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	38849	No
25	GOM_NL__2PRFIN20090805_021939_000000472081_00218_38849_5871.N1	05-AUG-2009 02:19:39	Bright	46.500	154	22Bet Aqr	2.8990	5700.0	93	38849	No
26	GOM_NL__2PRFIN20090805_023158_000000422081_00218_38849_5872.N1	05-AUG-2009 02:31:58	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	38849	No
27	GOM_NL__2PRFIN20090805_023507_000000412081_00218_38849_5873.N1	05-AUG-2009 02:35:07	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	38849	No
28	GOM_NL__2PRFIN20090805_024033_000000372081_00218_38849_5874.N1	05-AUG-2009 02:40:33	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	38849	No
29	GOM_NL__2PRFIN20090805_024638_000000482081_00218_38849_5875.N1	05-AUG-2009 02:46:38	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	38849	No
30	GOM_NL__2PRFIN20090805_024842_000000472081_00218_38849_5876.N1	05-AUG-2009 02:48:42	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38849	No
31	GOM_NL__2PRFIN20090805_025522_000000712081_00218_38849_5877.N1	05-AUG-2009 02:55:22	Bright	71.000	160	23Gam Per	2.9300	4700.0	142	38849	No
32	GOM_NL__2PRFIN20090805_025707_000000542081_00218_38849_5878.N1	05-AUG-2009 02:57:07	Bright	53.500	35	33Alp Per	1.7950	6250.0	107	38849	No
33	GOM_NL__2PRFIN20090805_025927_000000572081_00218_38849_5879.N1	05-AUG-2009 02:59:27	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	38849	No
34	GOM_NL__2PRFIN20090805_030118_000000502081_00218_38849_5880.N1	05-AUG-2009 03:01:18	Bright	50.000	149	45Eps Per	2.8880	30000.	100	38849	No
35	GOM_NL__2PRFIN20090805_030450_000000462081_00218_38849_5881.N1	05-AUG-2009 03:04:50	Bright	46.000	28	12Bet Tau	1.6500	15200.	92	38849	No
36	GOM_NL__2PRFIN20090805_030940_000000652081_00218_38849_5882.N1	05-AUG-2009 03:09:40	Dark	64.500	13	87Alp Tau	0.86700	3800.0	129	38849	No
37	GOM_NL__2PRFIN20090805_031527_000000452081_00218_38849_5883.N1	05-AUG-2009 03:15:27	Dark	45.000	128	67Bet Eri	2.7840	9700.0	90	38849	No
38	GOM_NL__2PRFIN20090805_032113_000000532081_00218_38849_5884.N1	05-AUG-2009 03:21:13	Dark	52.500	165	34Gam Eri	2.9500	3200.0	105	38849	No
39	GOM_NL__2PRFIN20090805_033037_000000472081_00219_38850_5901.N1	05-AUG-2009 03:30:37	Dark	47.000	157	The1Eri	2.9060	9300.0	94	38850	No
40	GOM_NL__2PRFIN20090805_034056_000000582081_00219_38850_5902.N1	05-AUG-2009 03:40:56	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	38850	No
41	GOM_NL__2PRFIN20090805_034446_000000542081_00219_38850_5903.N1	05-AUG-2009 03:44:46	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	38850	No
42	GOM_NL__2PRFIN20090805_034934_000000622081_00219_38850_5904.N1	05-AUG-2009 03:49:34	Twilight_stray	62.000	18	24Alp PsA	1.1660	9700.0	124	38850	No

43	GOM_NL__2PRFIN20090805_035618_000000482081_00219_38850_5905.N1	05-AUG-2009 03:56:18	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	38850	No
44	GOM_NL__2PRFIN20090805_040015_000000482081_00219_38850_5906.N1	05-AUG-2009 04:00:15	Bright	48.000	154	22Bet Aqr	2.8990	5700.0	96	38850	No
45	GOM_NL__2PRFIN20090805_041233_000000432081_00219_38850_5907.N1	05-AUG-2009 04:12:33	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	38850	No
46	GOM_NL__2PRFIN20090805_041543_000000412081_00219_38850_5908.N1	05-AUG-2009 04:15:43	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	38850	No
47	GOM_NL__2PRFIN20090805_042109_000000402081_00219_38850_5909.N1	05-AUG-2009 04:21:09	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38850	No
48	GOM_NL__2PRFIN20090805_042713_000000572081_00219_38850_5910.N1	05-AUG-2009 04:27:13	Bright	56.500	74	11Bet Cas	2.2680	6600.0	113	38850	No
49	GOM_NL__2PRFIN20090805_042917_000000502081_00219_38850_5911.N1	05-AUG-2009 04:29:17	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	38850	No
50	GOM_NL__2PRFIN20090805_043558_000000552081_00219_38850_5912.N1	05-AUG-2009 04:35:58	Bright	54.500	160	23Gam Per	2.9300	4700.0	109	38850	No
51	GOM_NL__2PRFIN20090805_043743_000000522081_00219_38850_5913.N1	05-AUG-2009 04:37:43	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	38850	No
52	GOM_NL__2PRFIN20090805_044003_000000452081_00219_38850_5914.N1	05-AUG-2009 04:40:03	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	38850	No
53	GOM_NL__2PRFIN20090805_044154_000000502081_00219_38850_5915.N1	05-AUG-2009 04:41:54	Bright	50.000	149	45Eps Per	2.8880	30000.	100	38850	No
54	GOM_NL__2PRFIN20090805_044526_000000472081_00219_38850_5916.N1	05-AUG-2009 04:45:26	Bright	46.500	28	12Bet Tau	1.6500	15200.	93	38850	No
55	GOM_NL__2PRFIN20090805_045016_000000682081_00219_38850_5917.N1	05-AUG-2009 04:50:16	Dark	68.000	13	87Alp Tau	0.86700	3800.0	136	38850	No
56	GOM_NL__2PRFIN20090805_045603_000000472081_00219_38850_5918.N1	05-AUG-2009 04:56:03	Dark	46.500	128	67Bet Eri	2.7840	9700.0	93	38850	No
57	GOM_NL__2PRFIN20090805_050150_000000642081_00219_38850_5919.N1	05-AUG-2009 05:01:50	Dark	63.500	165	34Gam Eri	2.9500	3200.0	127	38850	No
58	GOM_NL__2PRFIN20090805_052133_000000562081_00220_38851_5915.N1	05-AUG-2009 05:21:33	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	38851	No
59	GOM_NL__2PRFIN20090805_052523_000000492081_00220_38851_5916.N1	05-AUG-2009 05:25:23	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	38851	No
60	GOM_NL__2PRFIN20090805_053010_000000612081_00220_38851_5917.N1	05-AUG-2009 05:30:10	Tw_i_and_stray	60.500	18	24Alp PsA	1.1660	9700.0	121	38851	No
61	GOM_NL__2PRFIN20090805_053654_000000502081_00220_38851_5918.N1	05-AUG-2009 05:36:54	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	38851	No
62	GOM_NL__2PRFIN20090805_054051_000000492081_00220_38851_5919.N1	05-AUG-2009 05:40:51	Bright	48.500	154	22Bet Aqr	2.8990	5700.0	97	38851	No
63	GOM_NL__2PRFIN20090805_055309_000000432081_00220_38851_5920.N1	05-AUG-2009 05:53:09	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	38851	No
64	GOM_NL__2PRFIN20090805_055618_000000412081_00220_38851_5921.N1	05-AUG-2009 05:56:18	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	38851	No
65	GOM_NL__2PRFIN20090805_060145_000000402081_00220_38851_5922.N1	05-AUG-2009 06:01:45	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38851	No
66	GOM_NL__2PRFIN20090805_060748_000000512081_00220_38851_5923.N1	05-AUG-2009 06:07:48	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	38851	No
67	GOM_NL__2PRFIN20090805_060952_000000482081_00220_38851_5924.N1	05-AUG-2009 06:09:52	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38851	No
68	GOM_NL__2PRFIN20090805_061634_000000482081_00220_38851_5925.N1	05-AUG-2009 06:16:34	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	38851	No
69	GOM_NL__2PRFIN20090805_061818_000000542081_00220_38851_5926.N1	05-AUG-2009 06:18:18	Bright	54.000	35	33Alp Per	1.7950	6250.0	108	38851	No
70	GOM_NL__2PRFIN20090805_062039_000000442081_00220_38851_5927.N1	05-AUG-2009 06:20:39	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	38851	No
71	GOM_NL__2PRFIN20090805_062230_000000552081_00220_38851_5928.N1	05-AUG-2009 06:22:30	Bright	54.500	149	45Eps Per	2.8880	30000.	109	38851	No
72	GOM_NL__2PRFIN20090805_062603_000000482081_00220_38851_5929.N1	05-AUG-2009 06:26:03	Bright	48.000	28	12Bet Tau	1.6500	15200.	96	38851	No
73	GOM_NL__2PRFIN20090805_063053_000000682081_00220_38851_5930.N1	05-AUG-2009 06:30:53	Dark	68.000	13	87Alp Tau	0.86700	3800.0	136	38851	No
74	GOM_NL__2PRFIN20090805_063640_000000462081_00220_38851_5931.N1	05-AUG-2009 06:36:40	Dark	45.500	128	67Bet Eri	2.7840	9700.0	91	38851	No
75	GOM_NL__2PRFIN20090805_064228_000000702081_00220_38851_5932.N1	05-AUG-2009 06:42:28	Dark	70.000	165	34Gam Eri	2.9500	3200.0	140	38851	No
76	GOM_NL__2PRFIN20090805_070211_000000642081_00221_38852_5929.N1	05-AUG-2009 07:02:11	Straylight	63.500	84	Alp Phe	2.3970	4500.0	127	38852	No
77	GOM_NL__2PRFIN20090805_070559_000000582081_00221_38852_5930.N1	05-AUG-2009 07:05:59	Straylight	58.000	63	Bet Gru	2.1500	2800.0	116	38852	No
78	GOM_NL__2PRFIN20090805_071047_000000622081_00221_38852_5931.N1	05-AUG-2009 07:10:47	Tw_i_and_stray	62.000	18	24Alp PsA	1.1660	9700.0	124	38852	No
79	GOM_NL__2PRFIN20090805_071730_000000472081_00221_38852_5932.N1	05-AUG-2009 07:17:30	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	38852	No
80	GOM_NL__2PRFIN20090805_072127_000000492081_00221_38852_5933.N1	05-AUG-2009 07:21:27	Bright	49.000	154	22Bet Aqr	2.8990	5700.0	98	38852	No
81	GOM_NL__2PRFIN20090805_073344_000000402081_00221_38852_5934.N1	05-AUG-2009 07:33:44	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	38852	No
82	GOM_NL__2PRFIN20090805_073654_000000432081_00221_38852_5935.N1	05-AUG-2009 07:36:54	Bright	43.000	19	50Alp Cyg	1.2460	10500.	86	38852	No
83	GOM_NL__2PRFIN20090805_074220_000000392081_00221_38852_5936.N1	05-AUG-2009 07:42:20	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38852	No
84	GOM_NL__2PRFIN20090805_074824_000000502081_00221_38852_5937.N1	05-AUG-2009 07:48:24	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38852	No
85	GOM_NL__2PRFIN20090805_075027_000000482081_00221_38852_5938.N1	05-AUG-2009 07:50:27	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38852	No
86	GOM_NL__2PRFIN20090805_075709_000000522081_00221_38852_5939.N1	05-AUG-2009 07:57:09	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	38852	No
87	GOM_NL__2PRFIN20090805_075854_000000502081_00221_38852_5940.N1	05-AUG-2009 07:58:54	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	38852	No
88	GOM_NL__2PRFIN20090805_080115_000000512081_00221_38852_5941.N1	05-AUG-2009 08:01:15	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	38852	No
89	GOM_NL__2PRFIN20090805_080306_000000502081_00221_38852_5942.N1	05-AUG-2009 08:03:06	Bright	49.500	149	45Eps Per	2.8880	30000.	99	38852	No
90	GOM_NL__2PRFIN20090805_080639_000000462081_00221_38852_5943.N1	05-AUG-2009 08:06:39	Bright	46.000	28	12Bet Tau	1.6500	15200.	92	38852	No
91	GOM_NL__2PRFIN20090805_081129_000000592081_00221_38852_5944.N1	05-AUG-2009 08:11:29	Dark	59.000	13	87Alp Tau	0.86700	3800.0	118	38852	No
92	GOM_NL__2PRFIN20090805_081716_000000442081_00221_38852_5945.N1	05-AUG-2009 08:17:16	Dark	44.000	128	67Bet Eri	2.7840	9700.0	88	38852	No
93	GOM_NL__2PRFIN20090805_082305_000000622081_00221_38852_5946.N1	05-AUG-2009 08:23:05	Dark	61.500	165	34Gam Eri	2.9500	3200.0	123	38852	No
94	GOM_NL__2PRFIN20090805_083228_000000552081_00222_38853_5943.N1	05-AUG-2009 08:32:28	Dark	55.000	157	The1Eri	2.9060	9300.0	110	38853	No
95	GOM_NL__2PRFIN20090805_084247_000000632081_00222_38853_5944.N1	05-AUG-2009 08:42:47	Straylight	63.000	84	Alp Phe	2.3970	4500.0	126	38853	No
96	GOM_NL__2PRFIN20090805_084636_000000512081_00222_38853_5945.N1	05-AUG-2009 08:46:36	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	38853	No
97	GOM_NL__2PRFIN20090805_085124_000000612081_00222_38853_5946.N1	05-AUG-2009 08:51:24	Tw_i_and_stray	60.500	18	24Alp PsA	1.1660	9700.0	121	38853	No
98	GOM_NL__2PRFIN20090805_085806_000000482081_00222_38853_5947.N1	05-AUG-2009 08:58:06	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	38853	No
99	GOM_NL__2PRFIN20090805_090202_000000482081_00222_38853_5948.N1	05-AUG-2009 09:02:02	Bright	48.000	154	22Bet Aqr	2.8990	5700.0	96	38853	No
100	GOM_NL__2PRFIN20090805_091420_000000422081_00222_38853_5949.N1	05-AUG-2009 09:14:20	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	38853	No
101	GOM_NL__2PRFIN20090805_091729_000000592081_00222_38853_5950.N1	05-AUG-2009 09:17:29	Bright	59.000	19	50Alp Cyg	1.2460	10500.	118	38853	No

102	GOM_NL__2PRFIN20090805_092256_000000392081_00222_38853_5951.N1	05-AUG-2009 09:22:56	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38853	No
103	GOM_NL__2PRFIN20090805_092859_000000502081_00222_38853_5952.N1	05-AUG-2009 09:28:59	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38853	No
104	GOM_NL__2PRFIN20090805_093103_000000482081_00222_38853_5953.N1	05-AUG-2009 09:31:03	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38853	No
105	GOM_NL__2PRFIN20090805_093745_000000492081_00222_38853_5954.N1	05-AUG-2009 09:37:45	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	38853	No
106	GOM_NL__2PRFIN20090805_093930_000000532081_00222_38853_5955.N1	05-AUG-2009 09:39:30	Bright	52.500	35	33Alp Per	1.7950	6250.0	105	38853	No
107	GOM_NL__2PRFIN20090805_094151_000000462081_00222_38853_5956.N1	05-AUG-2009 09:41:51	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	38853	No
108	GOM_NL__2PRFIN20090805_094342_000000532081_00222_38853_5957.N1	05-AUG-2009 09:43:42	Bright	53.000	149	45Eps Per	2.8880	30000.	106	38853	No
109	GOM_NL__2PRFIN20090805_094715_000000472081_00222_38853_5958.N1	05-AUG-2009 09:47:15	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	38853	No
110	GOM_NL__2PRFIN20090805_095206_000000622081_00222_38853_5959.N1	05-AUG-2009 09:52:06	Dark	61.500	13	87Alp Tau	0.86700	3800.0	123	38853	No
111	GOM_NL__2PRFIN20090805_095753_000000462081_00222_38853_5960.N1	05-AUG-2009 09:57:53	Dark	46.000	128	67Bet Eri	2.7840	9700.0	92	38853	No
112	GOM_NL__2PRFIN20090805_100342_000000582081_00222_38853_5961.N1	05-AUG-2009 10:03:42	Dark	57.500	165	34Gam Eri	2.9500	3200.0	115	38853	No
113	GOM_NL__2PRFIN20090805_101305_000000472081_00223_38854_5955.N1	05-AUG-2009 10:13:05	Dark	46.500	157	The1Eri	2.9060	9300.0	93	38854	No
114	GOM_NL__2PRFIN20090805_102324_000000562081_00223_38854_5956.N1	05-AUG-2009 10:23:24	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	38854	No
115	GOM_NL__2PRFIN20090805_102712_000000552081_00223_38854_5957.N1	05-AUG-2009 10:27:12	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	38854	No
116	GOM_NL__2PRFIN20090805_103200_000000612081_00223_38854_5958.N1	05-AUG-2009 10:32:00	Tw_i_and_stray	61.000	18	24Alp PsA	1.1660	9700.0	122	38854	No
117	GOM_NL__2PRFIN20090805_103842_000000692081_00223_38854_5959.N1	05-AUG-2009 10:38:42	Bright	68.500	142	49Del Cap	2.8500	8900.0	137	38854	No
118	GOM_NL__2PRFIN20090805_104238_000000492081_00223_38854_5960.N1	05-AUG-2009 10:42:38	Bright	48.500	154	22Bet Aqr	2.8990	5700.0	97	38854	No
119	GOM_NL__2PRFIN20090805_105455_000000432081_00223_38854_5961.N1	05-AUG-2009 10:54:55	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	38854	No
120	GOM_NL__2PRFIN20090805_105805_000000402081_00223_38854_5962.N1	05-AUG-2009 10:58:05	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	38854	No
121	GOM_NL__2PRFIN20090805_110331_000000402081_00223_38854_5963.N1	05-AUG-2009 11:03:31	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38854	No
122	GOM_NL__2PRFIN20090805_110934_000000522081_00223_38854_5964.N1	05-AUG-2009 11:09:34	Bright	52.000	74	11Bet Cas	2.2680	6600.0	104	38854	No
123	GOM_NL__2PRFIN20090805_111138_000000502081_00223_38854_5965.N1	05-AUG-2009 11:11:38	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	38854	No
124	GOM_NL__2PRFIN20090805_111820_000000492081_00223_38854_5966.N1	05-AUG-2009 11:18:20	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	38854	No
125	GOM_NL__2PRFIN20090805_112005_000000722081_00223_38854_5967.N1	05-AUG-2009 11:20:05	Bright	72.000	35	33Alp Per	1.7950	6250.0	144	38854	No
126	GOM_NL__2PRFIN20090805_112227_000000452081_00223_38854_5968.N1	05-AUG-2009 11:22:27	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	38854	No
127	GOM_NL__2PRFIN20090805_112751_000000462081_00223_38854_5969.N1	05-AUG-2009 11:27:51	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	38854	No
128	GOM_NL__2PRFIN20090805_113242_000000582081_00223_38854_5970.N1	05-AUG-2009 11:32:42	Dark	58.000	13	87Alp Tau	0.86700	3800.0	116	38854	No
129	GOM_NL__2PRFIN20090805_113829_000000462081_00223_38854_5971.N1	05-AUG-2009 11:38:29	Dark	46.000	128	67Bet Eri	2.7840	9700.0	92	38854	No
130	GOM_NL__2PRFIN20090805_114419_000000592081_00223_38854_5972.N1	05-AUG-2009 11:44:19	Dark	59.000	165	34Gam Eri	2.9500	3200.0	118	38854	No
131	GOM_NL__2PRFIN20090805_115342_000000472081_00224_38855_5971.N1	05-AUG-2009 11:53:42	Dark	47.000	157	The1Eri	2.9060	9300.0	94	38855	No
132	GOM_NL__2PRFIN20090805_120401_000000542081_00224_38855_5972.N1	05-AUG-2009 12:04:01	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	38855	No
133	GOM_NL__2PRFIN20090805_120749_000000482081_00224_38855_5973.N1	05-AUG-2009 12:07:49	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	38855	No
134	GOM_NL__2PRFIN20090805_121237_000000592081_00224_38855_5974.N1	05-AUG-2009 12:12:37	Tw_i_and_stray	58.500	18	24Alp PsA	1.1660	9700.0	117	38855	No
135	GOM_NL__2PRFIN20090805_121918_000000462081_00224_38855_5975.N1	05-AUG-2009 12:19:18	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	38855	No
136	GOM_NL__2PRFIN20090805_122314_000000482081_00224_38855_5976.N1	05-AUG-2009 12:23:14	Bright	47.500	154	22Bet Aqr	2.8990	5700.0	95	38855	No
137	GOM_NL__2PRFIN20090805_123531_000000542081_00224_38855_5977.N1	05-AUG-2009 12:35:31	Bright	53.500	92	53Eps Cyg	2.5000	4500.0	107	38855	No
138	GOM_NL__2PRFIN20090805_123840_000000592081_00224_38855_5978.N1	05-AUG-2009 12:38:40	Bright	59.000	19	50Alp Cyg	1.2460	10500.	118	38855	No
139	GOM_NL__2PRFIN20090805_124407_000000402081_00224_38855_5979.N1	05-AUG-2009 12:44:07	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38855	No
140	GOM_NL__2PRFIN20090805_125009_000000482081_00224_38855_5980.N1	05-AUG-2009 12:50:09	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38855	No
141	GOM_NL__2PRFIN20090805_125213_000000502081_00224_38855_5981.N1	05-AUG-2009 12:52:13	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	38855	No
142	GOM_NL__2PRFIN20090805_125856_000000492081_00224_38855_5982.N1	05-AUG-2009 12:58:56	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	38855	No
143	GOM_NL__2PRFIN20090805_130041_000000672081_00224_38855_5983.N1	05-AUG-2009 13:00:41	Bright	67.000	35	33Alp Per	1.7950	6250.0	134	38855	No
144	GOM_NL__2PRFIN20090805_130302_000000452081_00224_38855_5984.N1	05-AUG-2009 13:03:02	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	38855	No
145	GOM_NL__2PRFIN20090805_130827_000000472081_00224_38855_5985.N1	05-AUG-2009 13:08:27	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	38855	No
146	GOM_NL__2PRFIN20090805_131318_000000592081_00224_38855_5986.N1	05-AUG-2009 13:13:18	Dark	59.000	13	87Alp Tau	0.86700	3800.0	118	38855	No
147	GOM_NL__2PRFIN20090805_131906_000000442081_00224_38855_5987.N1	05-AUG-2009 13:19:06	Dark	44.000	128	67Bet Eri	2.7840	9700.0	88	38855	No
148	GOM_NL__2PRFIN20090805_132456_000000582081_00224_38855_5988.N1	05-AUG-2009 13:24:56	Dark	58.000	165	34Gam Eri	2.9500	3200.0	116	38855	No
149	GOM_NL__2PRFIN20090805_133419_000000482081_00225_38856_5987.N1	05-AUG-2009 13:34:19	Dark	47.500	157	The1Eri	2.9060	9300.0	95	38856	No
150	GOM_NL__2PRFIN20090805_134438_000000572081_00225_38856_5988.N1	05-AUG-2009 13:44:38	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	38856	No
151	GOM_NL__2PRFIN20090805_134825_000000482081_00225_38856_5989.N1	05-AUG-2009 13:48:25	Straylight	48.000	63	Bet Gru	2.1500	2800.0	96	38856	No
152	GOM_NL__2PRFIN20090805_135313_000000632081_00225_38856_5990.N1	05-AUG-2009 13:53:13	Tw_i_and_stray	62.500	18	24Alp PsA	1.1660	9700.0	125	38856	No
153	GOM_NL__2PRFIN20090805_135954_000000492081_00225_38856_5991.N1	05-AUG-2009 13:59:54	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	38856	No
154	GOM_NL__2PRFIN20090805_140349_000000472081_00225_38856_5992.N1	05-AUG-2009 14:03:49	Bright	46.500	154	22Bet Aqr	2.8990	5700.0	93	38856	No
155	GOM_NL__2PRFIN20090805_141606_000000412081_00225_38856_5993.N1	05-AUG-2009 14:16:06	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	38856	No
156	GOM_NL__2PRFIN20090805_141916_000000592081_00225_38856_5994.N1	05-AUG-2009 14:19:16	Bright	59.000	19	50Alp Cyg	1.2460	10500.	118	38856	No
157	GOM_NL__2PRFIN20090805_142442_000000412081_00225_38856_5995.N1	05-AUG-2009 14:24:42	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38856	No
158	GOM_NL__2PRFIN20090805_143044_000000482081_00225_38856_5996.N1	05-AUG-2009 14:30:44	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38856	No
159	GOM_NL__2PRFIN20090805_143248_000000502081_00225_38856_5997.N1	05-AUG-2009 14:32:48	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	38856	No
160	GOM_NL__2PRFIN20090805_143931_000000492081_00225_38856_5998.N1	05-AUG-2009 14:39:31	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	38856	No

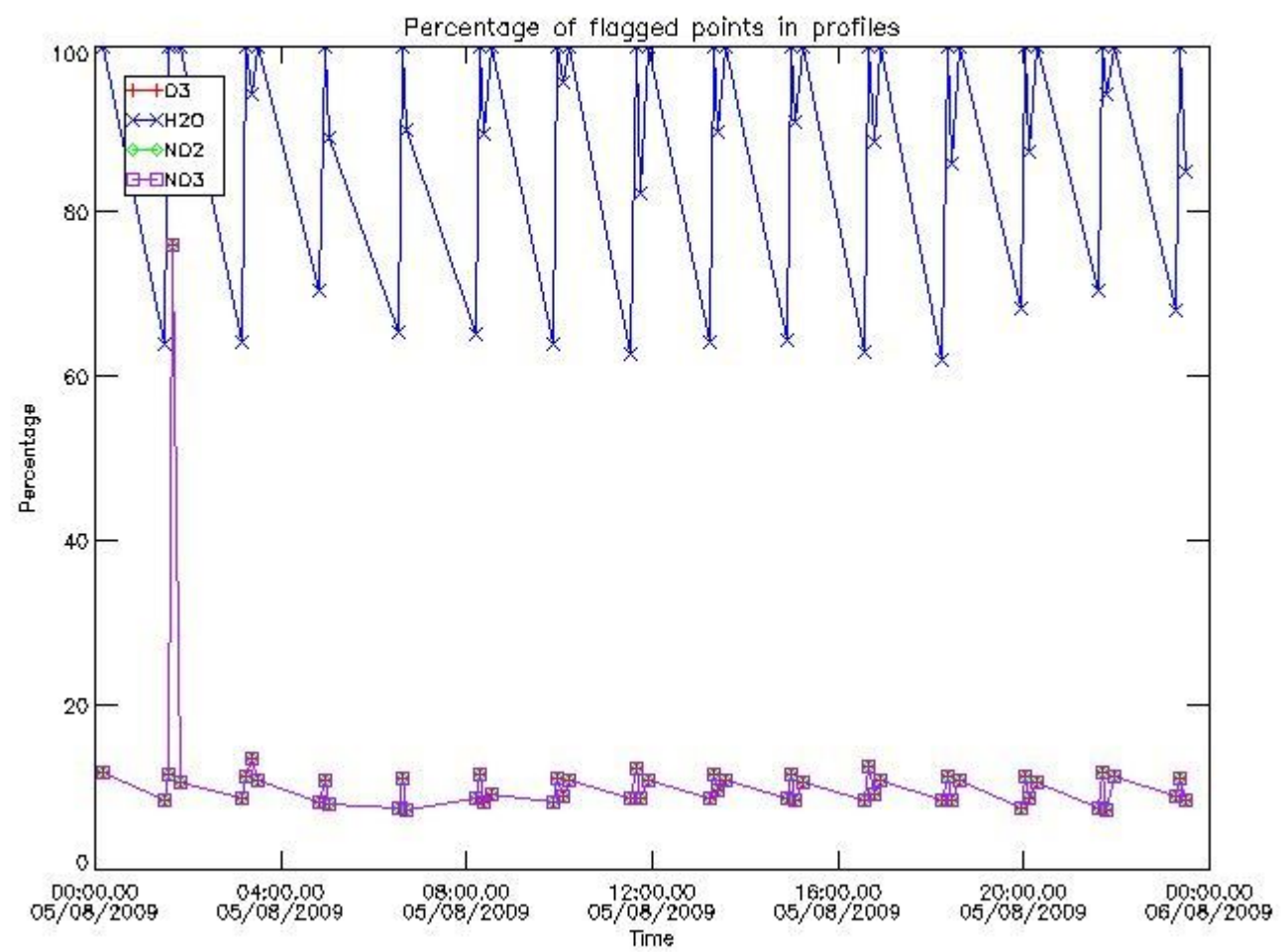
161	GOM_NL__2PRFIN20090805_144116_000000552081_00225_38856_5999.N1	05-AUG-2009 14:41:16	Bright	54.500	35	33Alp Per	1.7950	6250.0	109	38856	No
162	GOM_NL__2PRFIN20090805_144338_000000452081_00225_38856_6000.N1	05-AUG-2009 14:43:38	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	38856	No
163	GOM_NL__2PRFIN20090805_144903_000000452081_00225_38856_6001.N1	05-AUG-2009 14:49:03	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	38856	No
164	GOM_NL__2PRFIN20090805_145355_000000582081_00225_38856_6002.N1	05-AUG-2009 14:53:55	Dark	58.000	13	87Alp Tau	0.86700	3800.0	116	38856	No
165	GOM_NL__2PRFIN20090805_145942_000000452081_00225_38856_6003.N1	05-AUG-2009 14:59:42	Dark	44.500	128	67Bet Eri	2.7840	9700.0	89	38856	No
166	GOM_NL__2PRFIN20090805_150533_000000612081_00225_38856_6004.N1	05-AUG-2009 15:05:33	Dark	61.000	165	34Gam Eri	2.9500	3200.0	122	38856	No
167	GOM_NL__2PRFIN20090805_151456_000000482081_00226_38857_6002.N1	05-AUG-2009 15:14:56	Dark	48.000	157	The1Eri	2.9060	9300.0	96	38857	No
168	GOM_NL__2PRFIN20090805_152515_000000572081_00226_38857_6003.N1	05-AUG-2009 15:25:15	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	38857	No
169	GOM_NL__2PRFIN20090805_152902_000000532081_00226_38857_6004.N1	05-AUG-2009 15:29:02	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	38857	No
170	GOM_NL__2PRFIN20090805_153350_000000602081_00226_38857_6005.N1	05-AUG-2009 15:33:50	Tw_i_and_stray	60.000	18	24Alp PsA	1.1660	9700.0	120	38857	No
171	GOM_NL__2PRFIN20090805_154030_000000492081_00226_38857_6006.N1	05-AUG-2009 15:40:30	Bright	48.500	142	49Del Cap	2.8500	8900.0	97	38857	No
172	GOM_NL__2PRFIN20090805_154425_000000472081_00226_38857_6007.N1	05-AUG-2009 15:44:25	Bright	46.500	154	22Bet Aqr	2.8990	5700.0	93	38857	No
173	GOM_NL__2PRFIN20090805_155642_000000412081_00226_38857_6008.N1	05-AUG-2009 15:56:42	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	38857	No
174	GOM_NL__2PRFIN20090805_155951_000000392081_00226_38857_6009.N1	05-AUG-2009 15:59:51	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	38857	No
175	GOM_NL__2PRFIN20090805_160518_000000412081_00226_38857_6010.N1	05-AUG-2009 16:05:18	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38857	No
176	GOM_NL__2PRFIN20090805_161119_000000512081_00226_38857_6011.N1	05-AUG-2009 16:11:19	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	38857	No
177	GOM_NL__2PRFIN20090805_161323_000000512081_00226_38857_6012.N1	05-AUG-2009 16:13:23	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38857	No
178	GOM_NL__2PRFIN20090805_162007_000000612081_00226_38857_6013.N1	05-AUG-2009 16:20:07	Bright	60.500	160	23Gam Per	2.9300	4700.0	121	38857	No
179	GOM_NL__2PRFIN20090805_162152_000000562081_00226_38857_6014.N1	05-AUG-2009 16:21:52	Bright	56.000	35	33Alp Per	1.7950	6250.0	112	38857	No
180	GOM_NL__2PRFIN20090805_162414_000000442081_00226_38857_6015.N1	05-AUG-2009 16:24:14	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	38857	No
181	GOM_NL__2PRFIN20090805_162939_000000462081_00226_38857_6016.N1	05-AUG-2009 16:29:39	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	38857	No
182	GOM_NL__2PRFIN20090805_163431_000000612081_00226_38857_6017.N1	05-AUG-2009 16:34:31	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	38857	No
183	GOM_NL__2PRFIN20090805_164019_000000452081_00226_38857_6018.N1	05-AUG-2009 16:40:19	Dark	44.500	128	67Bet Eri	2.7840	9700.0	89	38857	No
184	GOM_NL__2PRFIN20090805_164610_000000612081_00226_38857_6019.N1	05-AUG-2009 16:46:10	Dark	61.000	165	34Gam Eri	2.9500	3200.0	122	38857	No
185	GOM_NL__2PRFIN20090805_165533_000000482081_00227_38858_6016.N1	05-AUG-2009 16:55:33	Dark	47.500	157	The1Eri	2.9060	9300.0	95	38858	No
186	GOM_NL__2PRFIN20090805_170552_000000552081_00227_38858_6017.N1	05-AUG-2009 17:05:52	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38858	No
187	GOM_NL__2PRFIN20090805_170938_000000482081_00227_38858_6018.N1	05-AUG-2009 17:09:38	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	38858	No
188	GOM_NL__2PRFIN20090805_171426_000000602081_00227_38858_6019.N1	05-AUG-2009 17:14:26	Tw_i_and_stray	60.000	18	24Alp PsA	1.1660	9700.0	120	38858	No
189	GOM_NL__2PRFIN20090805_172106_000000502081_00227_38858_6020.N1	05-AUG-2009 17:21:06	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	38858	No
190	GOM_NL__2PRFIN20090805_172501_000000462081_00227_38858_6021.N1	05-AUG-2009 17:25:01	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	38858	No
191	GOM_NL__2PRFIN20090805_173717_000000412081_00227_38858_6022.N1	05-AUG-2009 17:37:17	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	38858	No
192	GOM_NL__2PRFIN20090805_174027_000000412081_00227_38858_6023.N1	05-AUG-2009 17:40:27	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	38858	No
193	GOM_NL__2PRFIN20090805_174553_000000402081_00227_38858_6024.N1	05-AUG-2009 17:45:53	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38858	No
194	GOM_NL__2PRFIN20090805_175154_000000502081_00227_38858_6025.N1	05-AUG-2009 17:51:54	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38858	No
195	GOM_NL__2PRFIN20090805_175359_000000482081_00227_38858_6026.N1	05-AUG-2009 17:53:59	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38858	No
196	GOM_NL__2PRFIN20090805_180042_000000502081_00227_38858_6027.N1	05-AUG-2009 18:00:42	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	38858	No
197	GOM_NL__2PRFIN20090805_180228_000000502081_00227_38858_6028.N1	05-AUG-2009 18:02:28	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	38858	No
198	GOM_NL__2PRFIN20090805_180450_000000442081_00227_38858_6029.N1	05-AUG-2009 18:04:50	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	38858	No
199	GOM_NL__2PRFIN20090805_181015_000000462081_00227_38858_6030.N1	05-AUG-2009 18:10:15	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	38858	No
200	GOM_NL__2PRFIN20090805_181508_000000612081_00227_38858_6031.N1	05-AUG-2009 18:15:08	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	38858	No
201	GOM_NL__2PRFIN20090805_182055_000000452081_00227_38858_6032.N1	05-AUG-2009 18:20:55	Dark	45.000	128	67Bet Eri	2.7840	9700.0	90	38858	No
202	GOM_NL__2PRFIN20090805_182647_000000602081_00227_38858_6033.N1	05-AUG-2009 18:26:47	Dark	60.000	165	34Gam Eri	2.9500	3200.0	120	38858	No
203	GOM_NL__2PRFIN20090805_183610_000000482081_00228_38859_6033.N1	05-AUG-2009 18:36:10	Dark	47.500	157	The1Eri	2.9060	9300.0	95	38859	No
204	GOM_NL__2PRFIN20090805_184629_000000532081_00228_38859_6034.N1	05-AUG-2009 18:46:29	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	38859	No
205	GOM_NL__2PRFIN20090805_185015_000000542081_00228_38859_6035.N1	05-AUG-2009 18:50:15	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	38859	No
206	GOM_NL__2PRFIN20090805_185503_000000612081_00228_38859_6036.N1	05-AUG-2009 18:55:03	Tw_i_and_stray	60.500	18	24Alp PsA	1.1660	9700.0	121	38859	No
207	GOM_NL__2PRFIN20090805_190142_000000502081_00228_38859_6037.N1	05-AUG-2009 19:01:42	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	38859	No
208	GOM_NL__2PRFIN20090805_190537_000000492081_00228_38859_6038.N1	05-AUG-2009 19:05:37	Bright	49.000	154	22Bet Aqr	2.8990	5700.0	98	38859	No
209	GOM_NL__2PRFIN20090805_191753_000000422081_00228_38859_6039.N1	05-AUG-2009 19:17:53	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	38859	No
210	GOM_NL__2PRFIN20090805_192103_000000592081_00228_38859_6040.N1	05-AUG-2009 19:21:03	Bright	59.000	19	50Alp Cyg	1.2460	10500.	118	38859	No
211	GOM_NL__2PRFIN20090805_192629_000000402081_00228_38859_6041.N1	05-AUG-2009 19:26:29	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38859	No
212	GOM_NL__2PRFIN20090805_193229_000000522081_00228_38859_6042.N1	05-AUG-2009 19:32:29	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	38859	No
213	GOM_NL__2PRFIN20090805_193434_000000492081_00228_38859_6043.N1	05-AUG-2009 19:34:34	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38859	No
214	GOM_NL__2PRFIN20090805_194118_000000702081_00228_38859_6044.N1	05-AUG-2009 19:41:18	Bright	69.500	160	23Gam Per	2.9300	4700.0	139	38859	No
215	GOM_NL__2PRFIN20090805_194303_000000502081_00228_38859_6045.N1	05-AUG-2009 19:43:03	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	38859	No
216	GOM_NL__2PRFIN20090805_194526_000000462081_00228_38859_6046.N1	05-AUG-2009 19:45:26	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	38859	No
217	GOM_NL__2PRFIN20090805_195052_000000472081_00228_38859_6047.N1	05-AUG-2009 19:50:52	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	38859	No
218	GOM_NL__2PRFIN20090805_195544_000000682081_00228_38859_6048.N1	05-AUG-2009 19:55:44	Dark	68.000	13	87Alp Tau	0.86700	3800.0	136	38859	No
219	GOM_NL__2PRFIN20090805_200132_000000452081_00228_38859_6049.N1	05-AUG-2009 20:01:32	Dark	45.000	128	67Bet Eri	2.7840	9700.0	90	38859	No

220	GOM_NL__2PRFIN20090805_200724_000000592081_00228_38859_6050.N1	05-AUG-2009 20:07:24	Dark	59.000	165	34Gam Eri	2.9500	3200.0	118	38859	No
221	GOM_NL__2PRFIN20090805_201647_000000492081_00229_38860_6072.N1	05-AUG-2009 20:16:47	Dark	48.500	157	The1Eri	2.9060	9300.0	97	38860	No
222	GOM_NL__2PRFIN20090805_202706_000000652081_00229_38860_6073.N1	05-AUG-2009 20:27:06	Straylight	65.000	84	Alp Phe	2.3970	4500.0	130	38860	No
223	GOM_NL__2PRFIN20090805_203052_000000612081_00229_38860_6074.N1	05-AUG-2009 20:30:52	Straylight	60.500	63	Bet Gru	2.1500	2800.0	121	38860	No
224	GOM_NL__2PRFIN20090805_203539_000000632081_00229_38860_6075.N1	05-AUG-2009 20:35:39	Tw_i_and_stray	62.500	18	24Alp PsA	1.1660	9700.0	125	38860	No
225	GOM_NL__2PRFIN20090805_204218_000000482081_00229_38860_6076.N1	05-AUG-2009 20:42:18	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	38860	No
226	GOM_NL__2PRFIN20090805_204613_000000492081_00229_38860_6077.N1	05-AUG-2009 20:46:13	Bright	48.500	154	22Bet Aqr	2.8990	5700.0	97	38860	No
227	GOM_NL__2PRFIN20090805_205828_000000412081_00229_38860_6078.N1	05-AUG-2009 20:58:28	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	38860	No
228	GOM_NL__2PRFIN20090805_210138_000000392081_00229_38860_6079.N1	05-AUG-2009 21:01:38	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	38860	No
229	GOM_NL__2PRFIN20090805_210705_000000412081_00229_38860_6080.N1	05-AUG-2009 21:07:05	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38860	No
230	GOM_NL__2PRFIN20090805_211304_000000492081_00229_38860_6081.N1	05-AUG-2009 21:13:04	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	38860	No
231	GOM_NL__2PRFIN20090805_211509_000000512081_00229_38860_6082.N1	05-AUG-2009 21:15:09	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38860	No
232	GOM_NL__2PRFIN20090805_212153_000000722081_00229_38860_6083.N1	05-AUG-2009 21:21:53	Bright	72.000	160	23Gam Per	2.9300	4700.0	144	38860	No
233	GOM_NL__2PRFIN20090805_212339_000000532081_00229_38860_6084.N1	05-AUG-2009 21:23:39	Bright	53.000	35	33Alp Per	1.7950	6250.0	106	38860	No
234	GOM_NL__2PRFIN20090805_212602_000000472081_00229_38860_6085.N1	05-AUG-2009 21:26:02	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	38860	No
235	GOM_NL__2PRFIN20090805_212753_000000512081_00229_38860_6086.N1	05-AUG-2009 21:27:53	Bright	51.000	149	45Eps Per	2.8880	30000.	102	38860	No
236	GOM_NL__2PRFIN20090805_213128_000000482081_00229_38860_6087.N1	05-AUG-2009 21:31:28	Bright	48.000	28	12Bet Tau	1.6500	15200.	96	38860	No
237	GOM_NL__2PRFIN20090805_213620_000000682081_00229_38860_6088.N1	05-AUG-2009 21:36:20	Dark	68.000	13	87Alp Tau	0.86700	3800.0	136	38860	No
238	GOM_NL__2PRFIN20090805_214208_000000432081_00229_38860_6089.N1	05-AUG-2009 21:42:08	Dark	42.500	128	67Bet Eri	2.7840	9700.0	85	38860	No
239	GOM_NL__2PRFIN20090805_214801_000000712081_00229_38860_6090.N1	05-AUG-2009 21:48:01	Dark	70.500	165	34Gam Eri	2.9500	3200.0	141	38860	No
240	GOM_NL__2PRFIN20090805_215724_000000492081_00230_38861_6087.N1	05-AUG-2009 21:57:24	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38861	No
241	GOM_NL__2PRFIN20090805_220743_000000672081_00230_38861_6088.N1	05-AUG-2009 22:07:43	Straylight	66.500	84	Alp Phe	2.3970	4500.0	133	38861	No
242	GOM_NL__2PRFIN20090805_221128_000000582081_00230_38861_6089.N1	05-AUG-2009 22:11:28	Straylight	57.500	63	Bet Gru	2.1500	2800.0	115	38861	No
243	GOM_NL__2PRFIN20090805_221616_000000592081_00230_38861_6090.N1	05-AUG-2009 22:16:16	Tw_i_and_stray	59.000	18	24Alp PsA	1.1660	9700.0	118	38861	No
244	GOM_NL__2PRFIN20090805_222254_000000462081_00230_38861_6091.N1	05-AUG-2009 22:22:54	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	38861	No
245	GOM_NL__2PRFIN20090805_222648_000000492081_00230_38861_6092.N1	05-AUG-2009 22:26:48	Bright	49.000	154	22Bet Aqr	2.8990	5700.0	98	38861	No
246	GOM_NL__2PRFIN20090805_223904_000000382081_00230_38861_6093.N1	05-AUG-2009 22:39:04	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	38861	No
247	GOM_NL__2PRFIN20090805_224214_000000382081_00230_38861_6094.N1	05-AUG-2009 22:42:14	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	38861	No
248	GOM_NL__2PRFIN20090805_224740_000000402081_00230_38861_6095.N1	05-AUG-2009 22:47:40	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38861	No
249	GOM_NL__2PRFIN20090805_225340_000000732081_00230_38861_6096.N1	05-AUG-2009 22:53:40	Bright	73.000	74	11Bet Cas	2.2680	6600.0	146	38861	No
250	GOM_NL__2PRFIN20090805_225544_000000512081_00230_38861_6097.N1	05-AUG-2009 22:55:44	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38861	No
251	GOM_NL__2PRFIN20090805_230229_000000532081_00230_38861_6098.N1	05-AUG-2009 23:02:29	Bright	52.500	160	23Gam Per	2.9300	4700.0	105	38861	No
252	GOM_NL__2PRFIN20090805_230414_000000542081_00230_38861_6099.N1	05-AUG-2009 23:04:14	Bright	54.000	35	33Alp Per	1.7950	6250.0	108	38861	No
253	GOM_NL__2PRFIN20090805_230638_000000442081_00230_38861_6100.N1	05-AUG-2009 23:06:38	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	38861	No
254	GOM_NL__2PRFIN20090805_230829_000000502081_00230_38861_6101.N1	05-AUG-2009 23:08:29	Bright	50.000	149	45Eps Per	2.8880	30000.	100	38861	No
255	GOM_NL__2PRFIN20090805_231204_000000472081_00230_38861_6102.N1	05-AUG-2009 23:12:04	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	38861	No
256	GOM_NL__2PRFIN20090805_231657_000000572081_00230_38861_6103.N1	05-AUG-2009 23:16:57	Dark	56.500	13	87Alp Tau	0.86700	3800.0	113	38861	No
257	GOM_NL__2PRFIN20090805_232245_000000462081_00230_38861_6104.N1	05-AUG-2009 23:22:45	Dark	45.500	128	67Bet Eri	2.7840	9700.0	91	38861	No
258	GOM_NL__2PRFIN20090805_232838_000000602081_00230_38861_6105.N1	05-AUG-2009 23:28:38	Dark	60.000	165	34Gam Eri	2.9500	3200.0	120	38861	No

3. Quality information per product

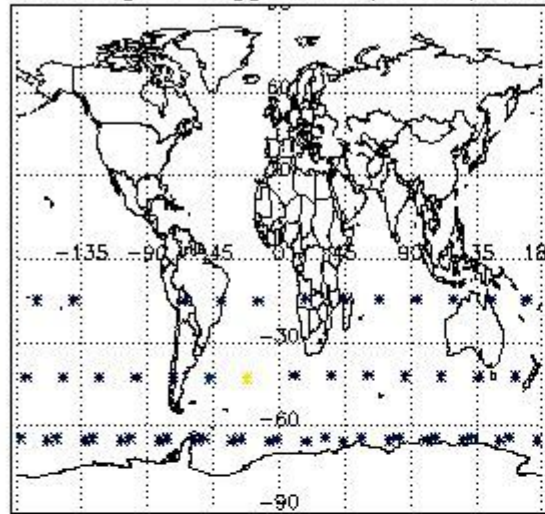
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

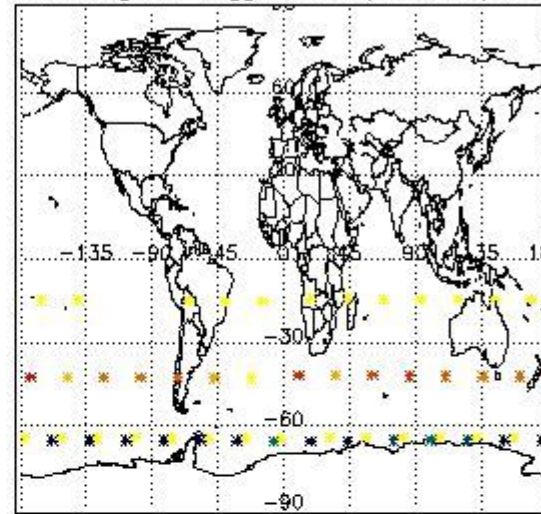


3.2 Plot quality information per product (world map)

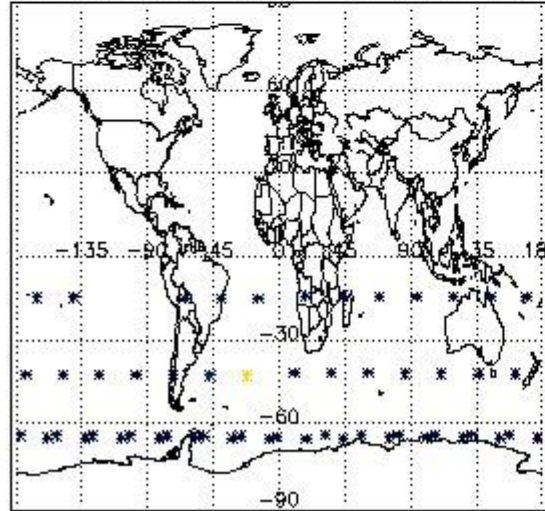
Percentage of flagged data per O3 profile



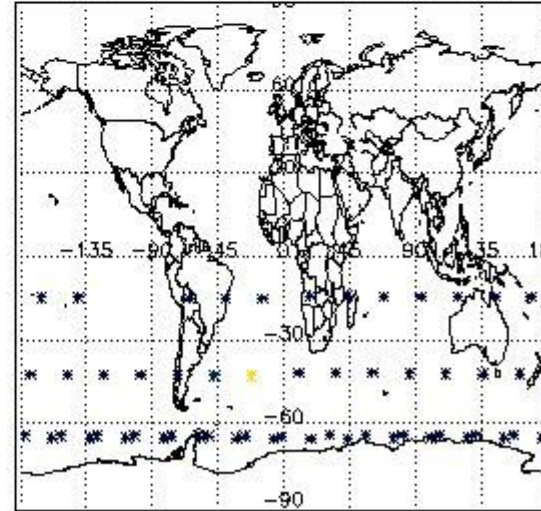
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

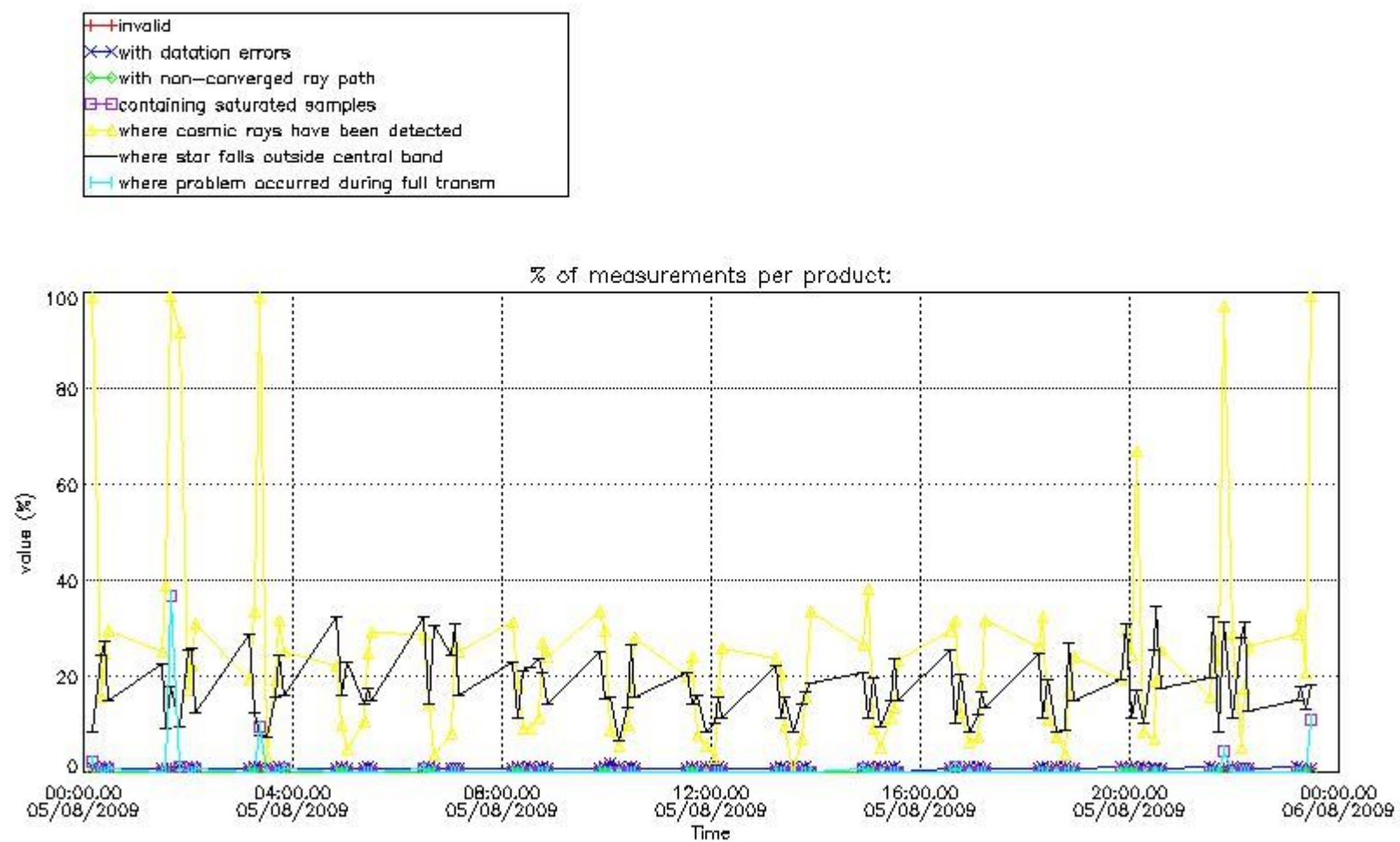


4. Level 1 quality information per product

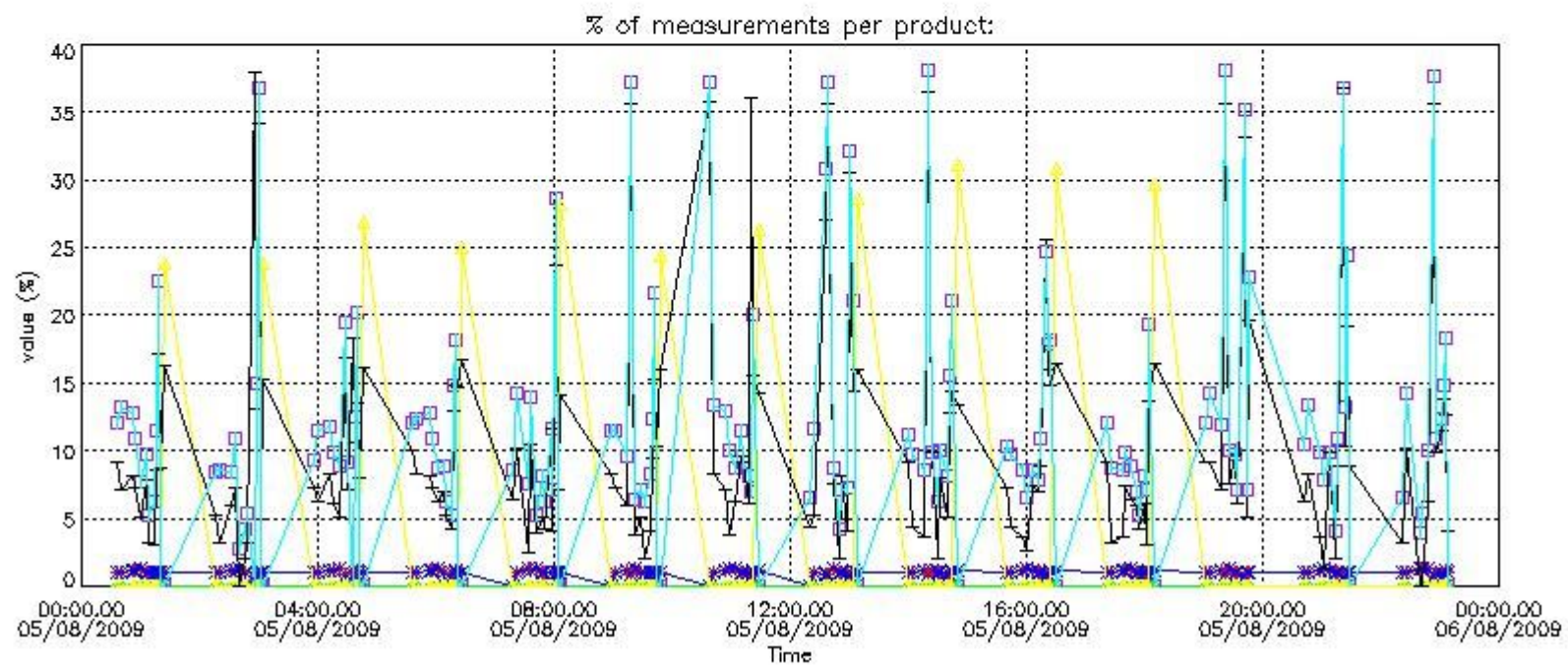
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



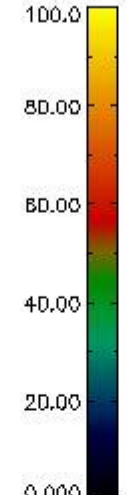
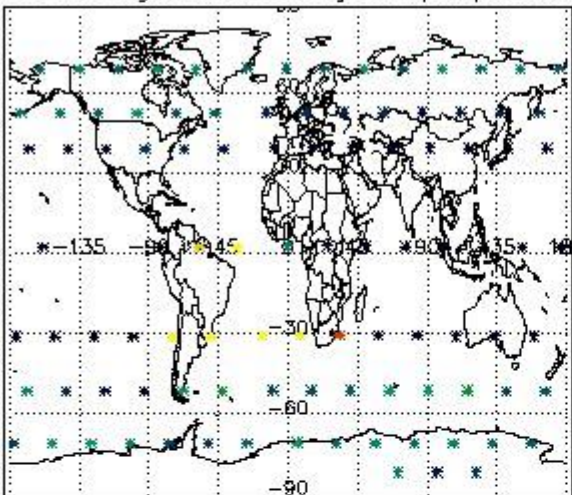
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



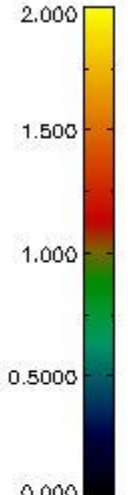
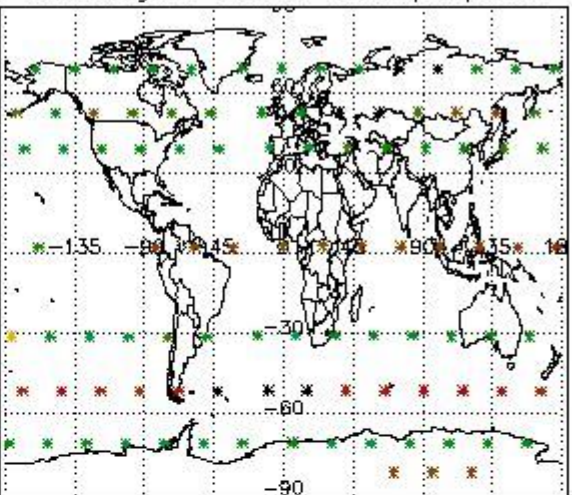
4.2 Plot quality information per product coming from level 1b processing (world map)

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

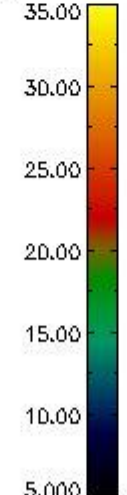
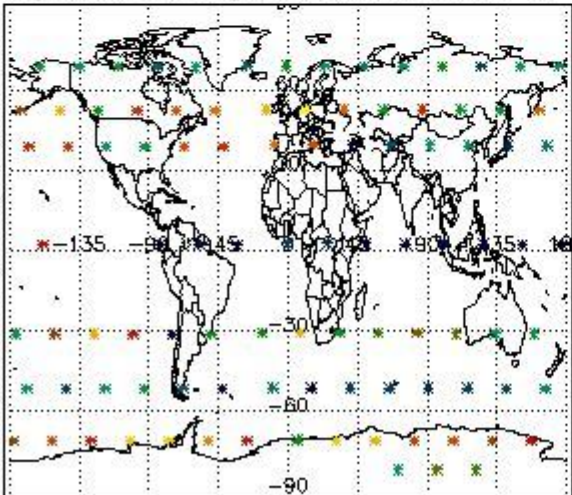
Percentage of cosmic ray hits per profile



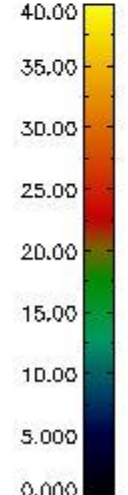
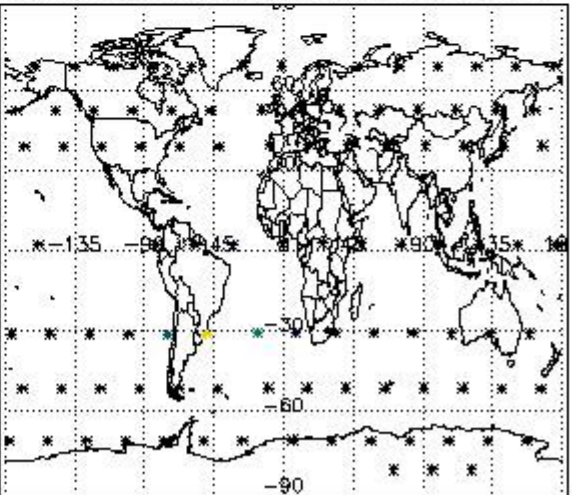
Percentage of datation errors per profile



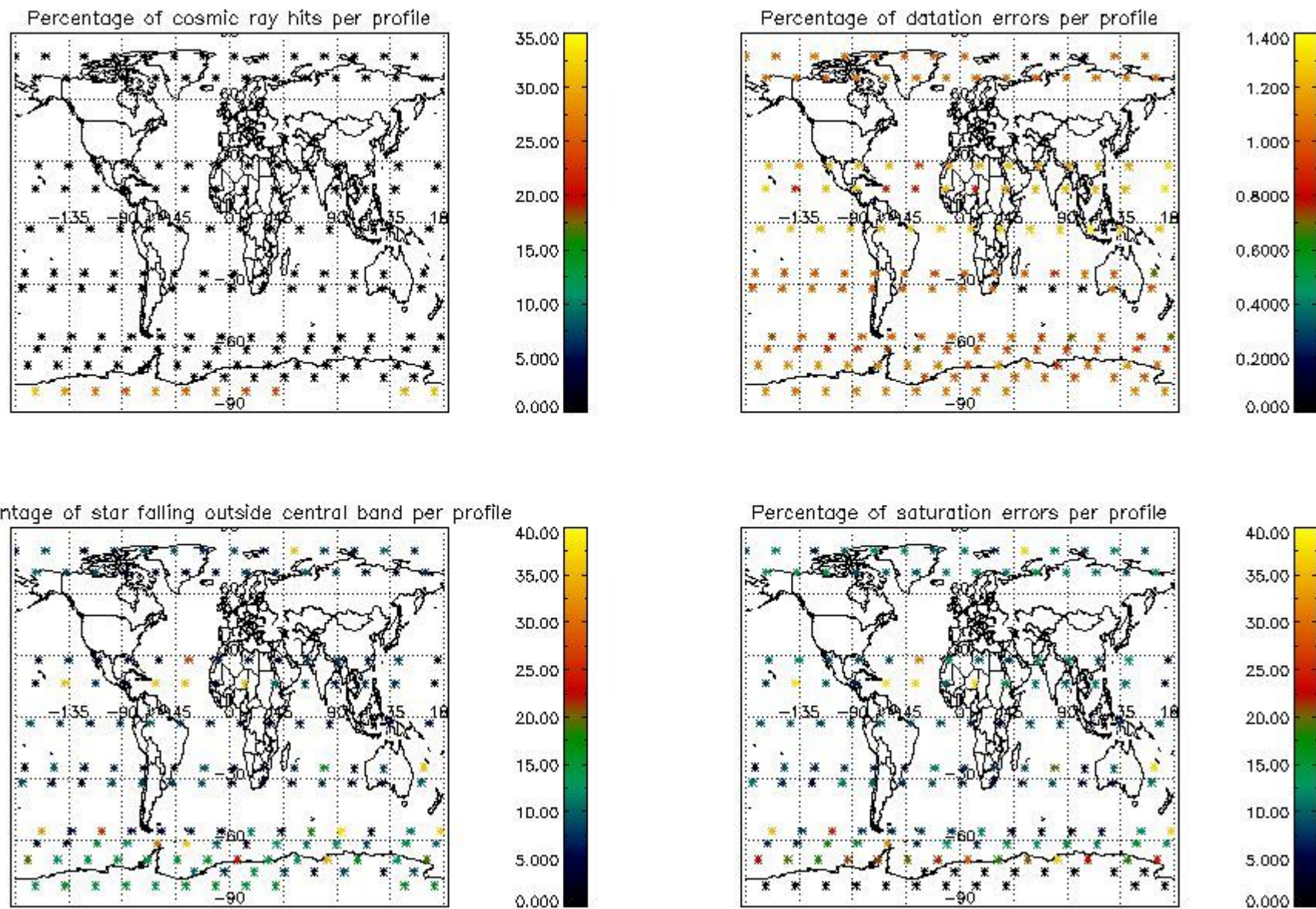
Percentage of star falling outside central band per profile



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

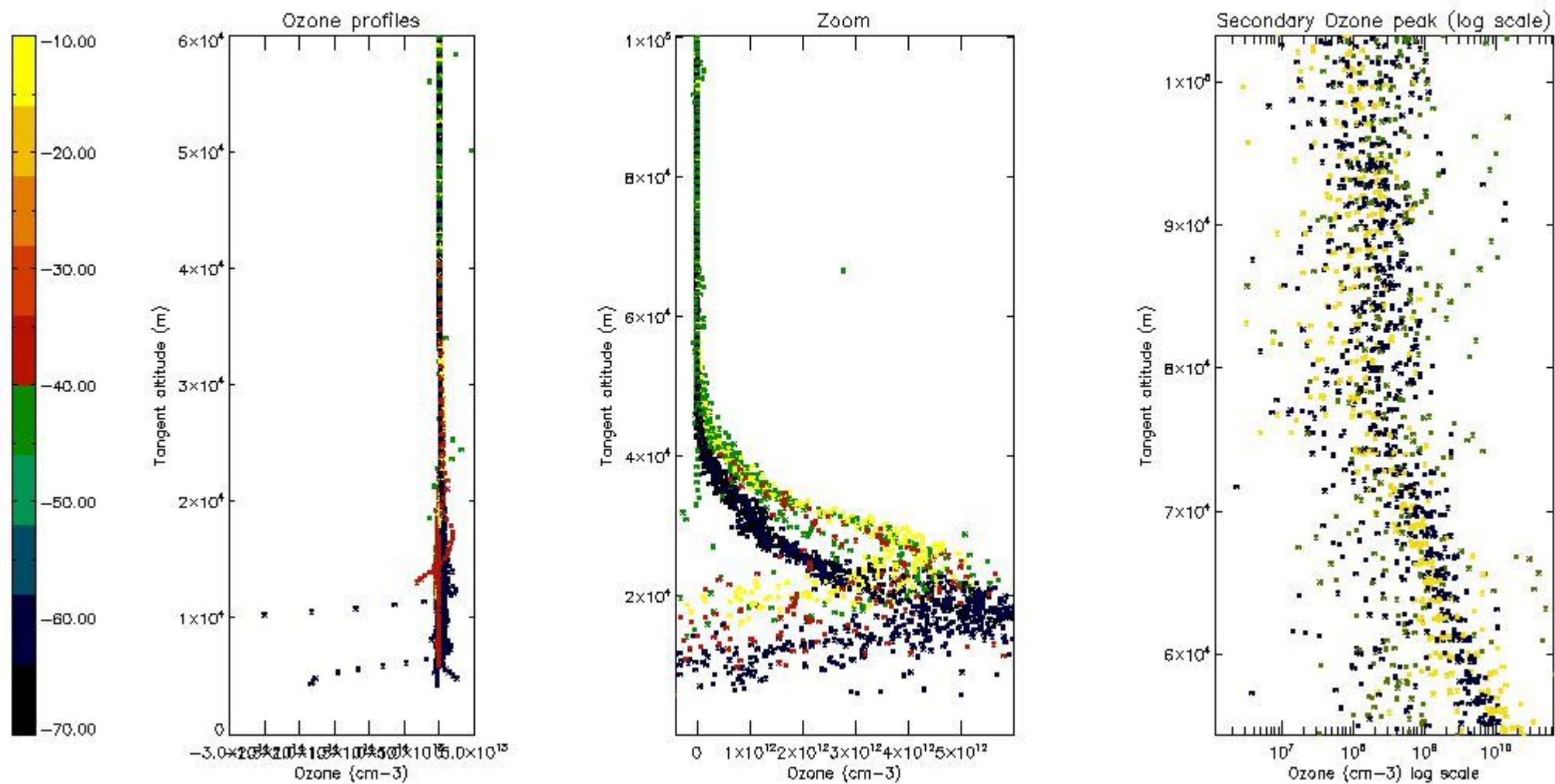
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	23
STD < 20	8

STD < 10	4
STD < 5	1

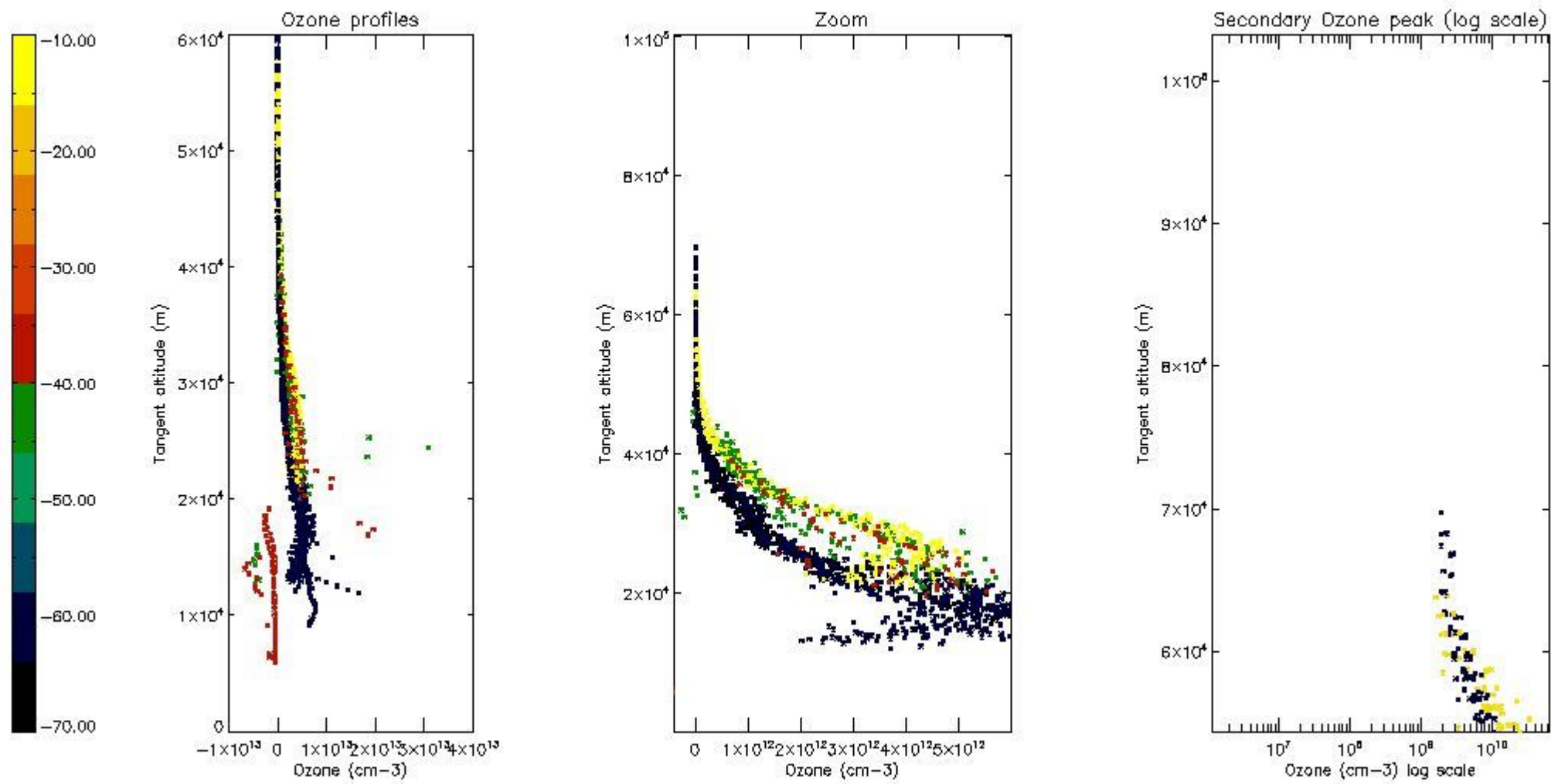
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



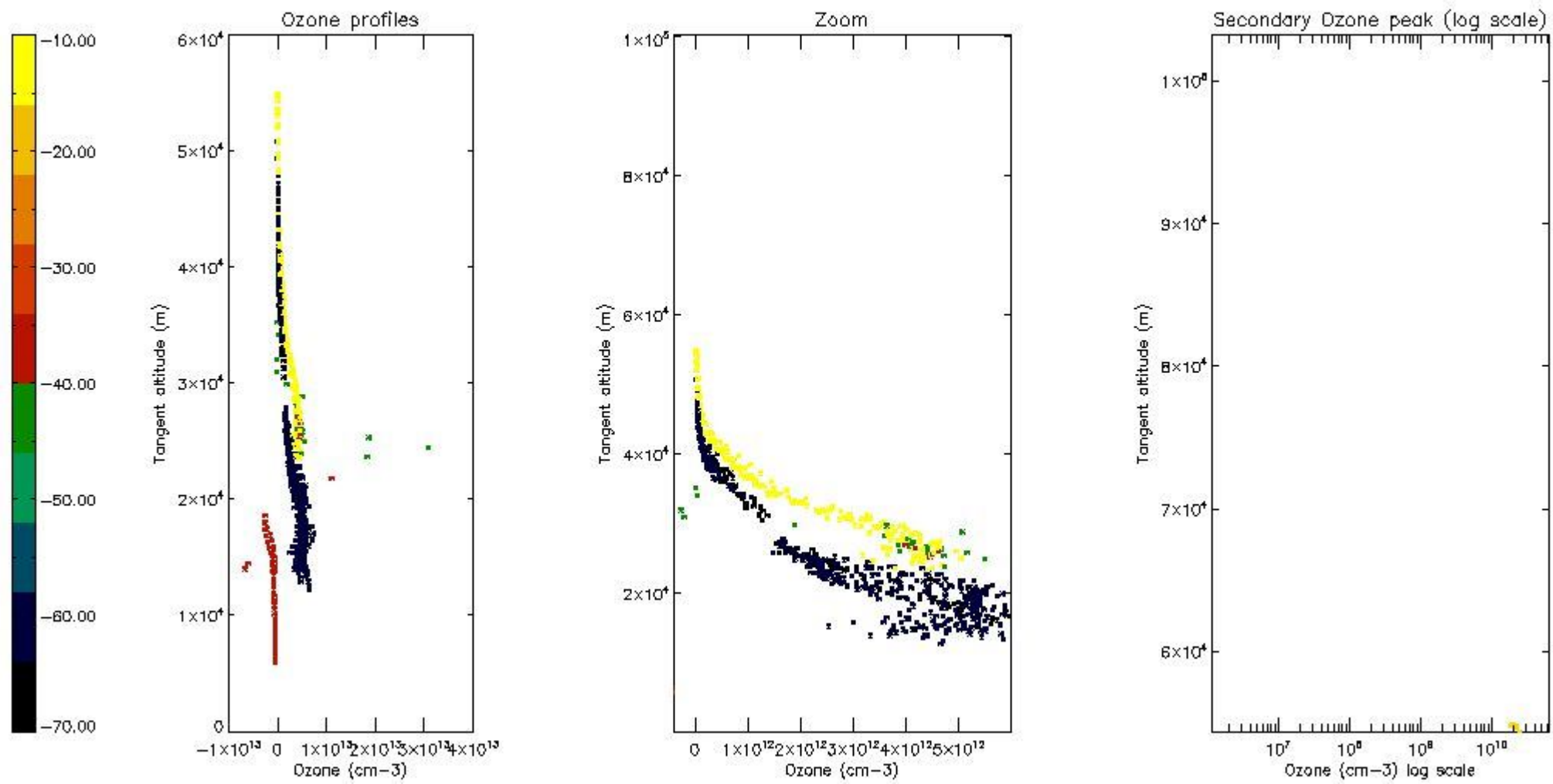
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



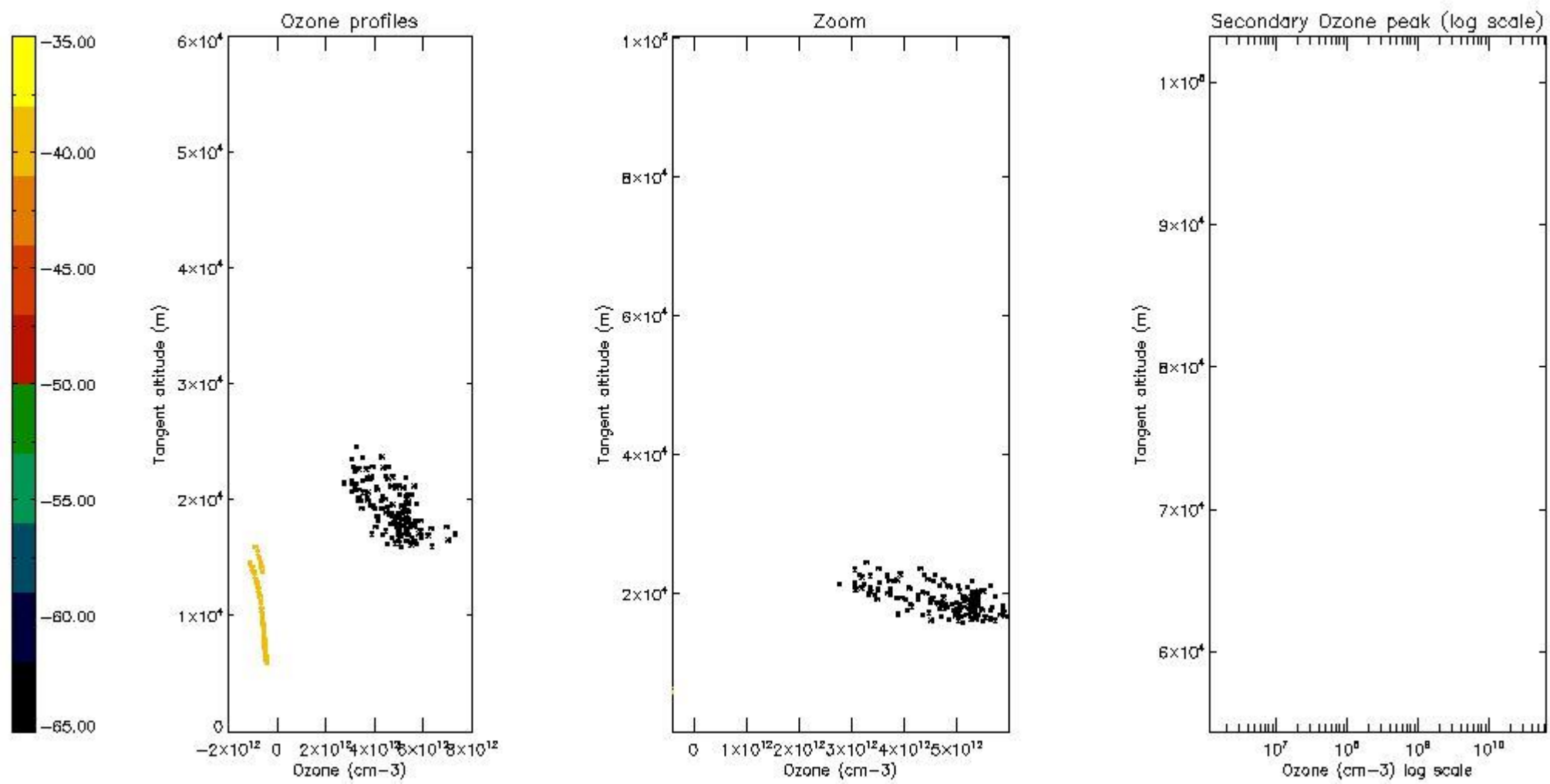
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



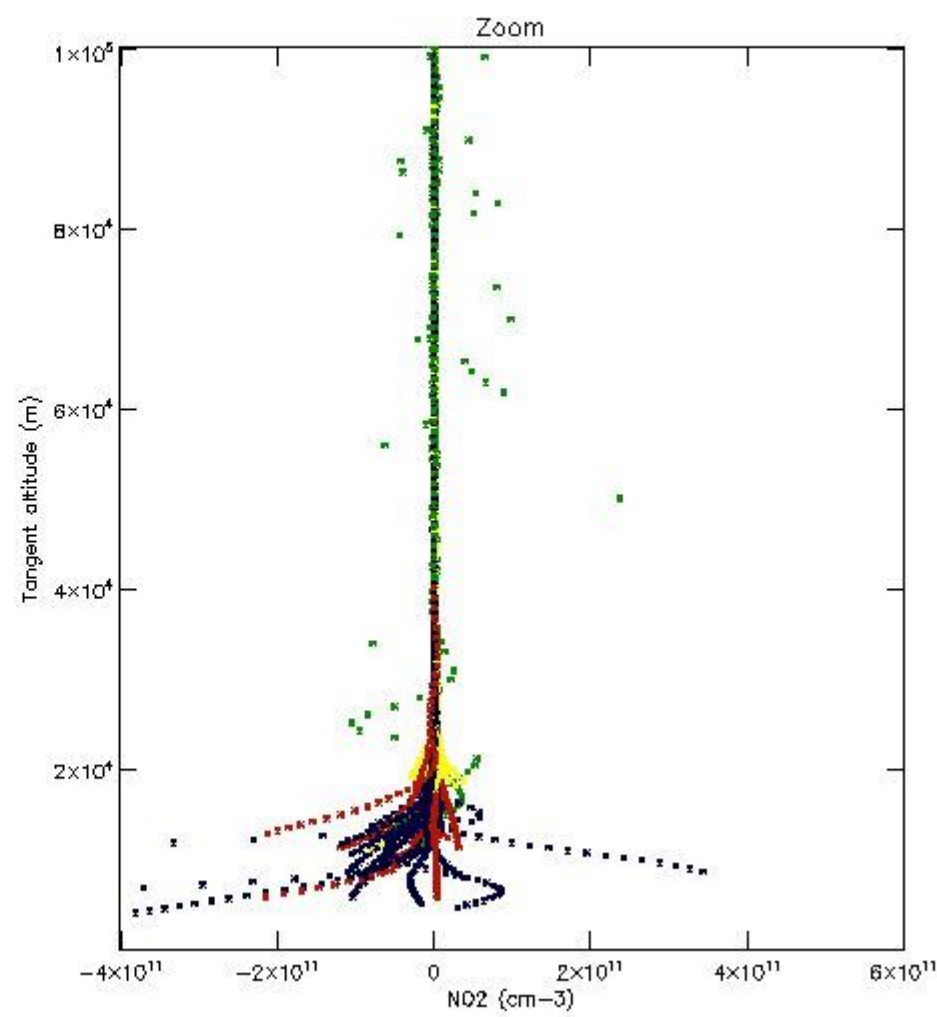
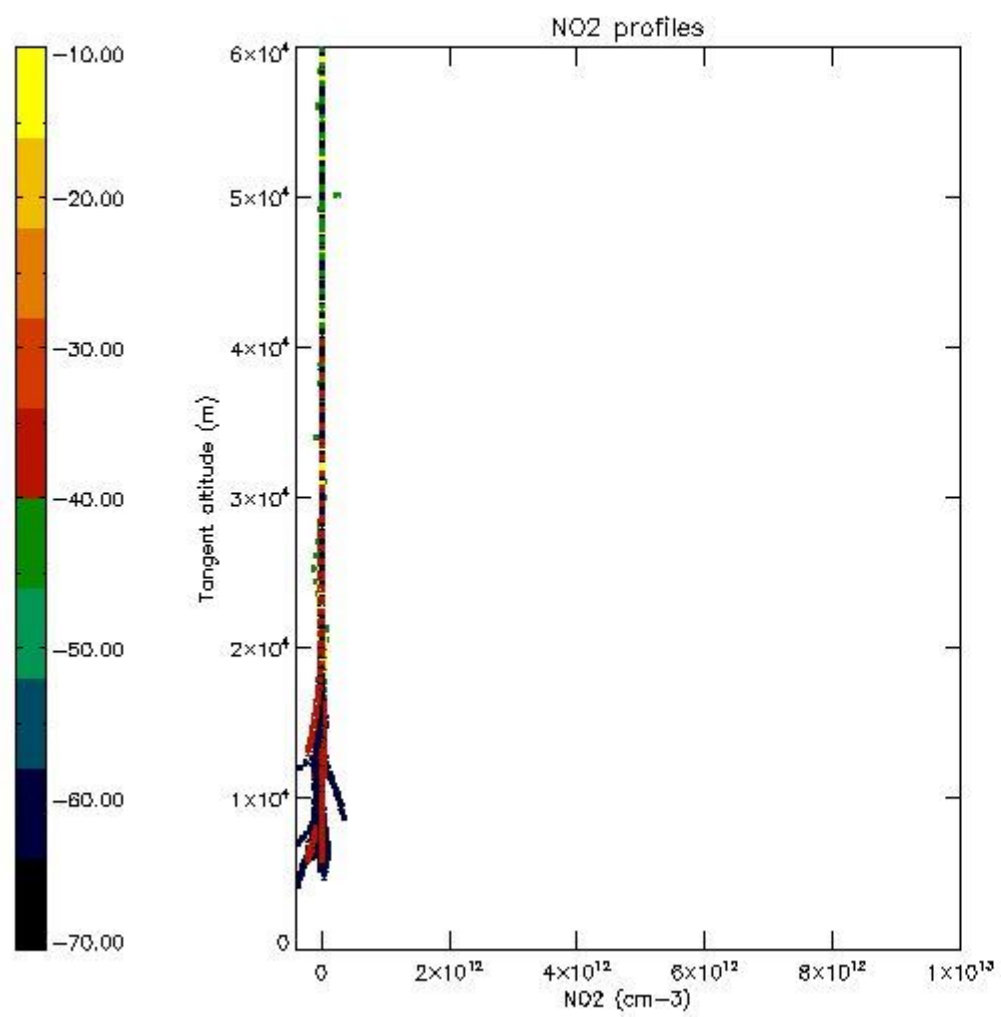
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



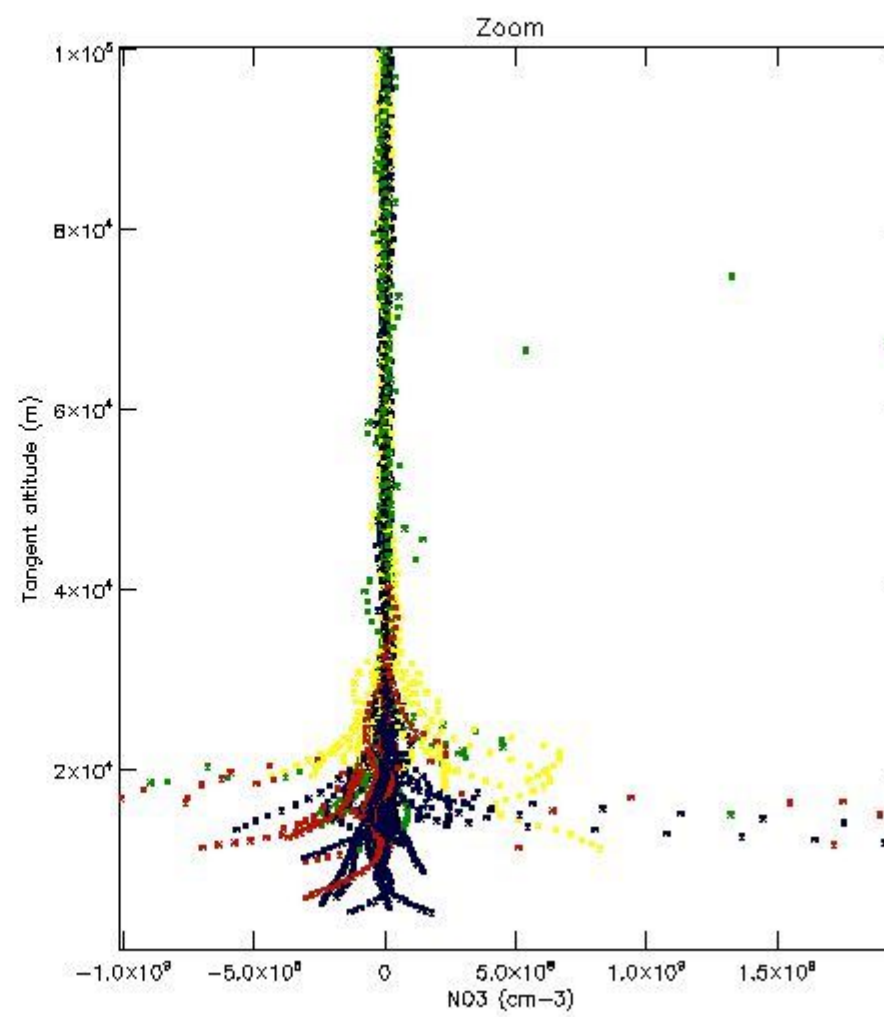
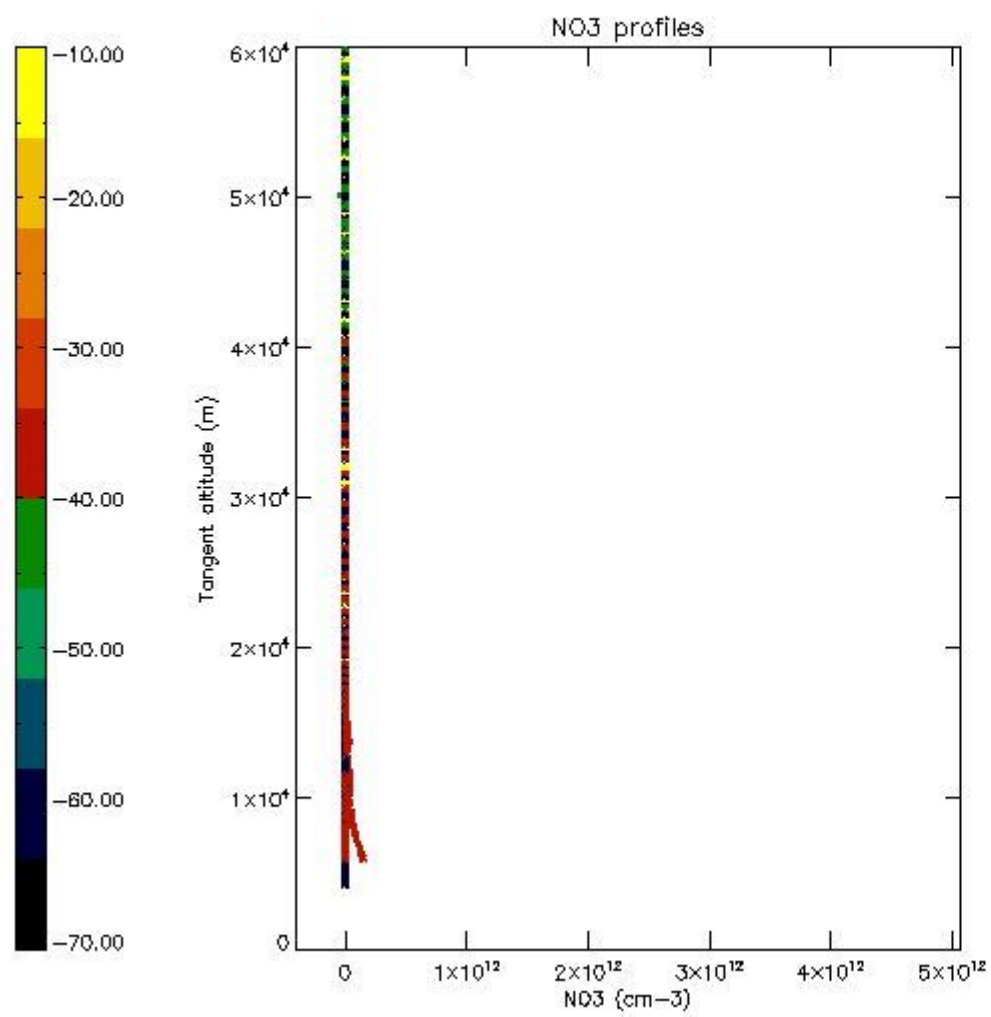
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



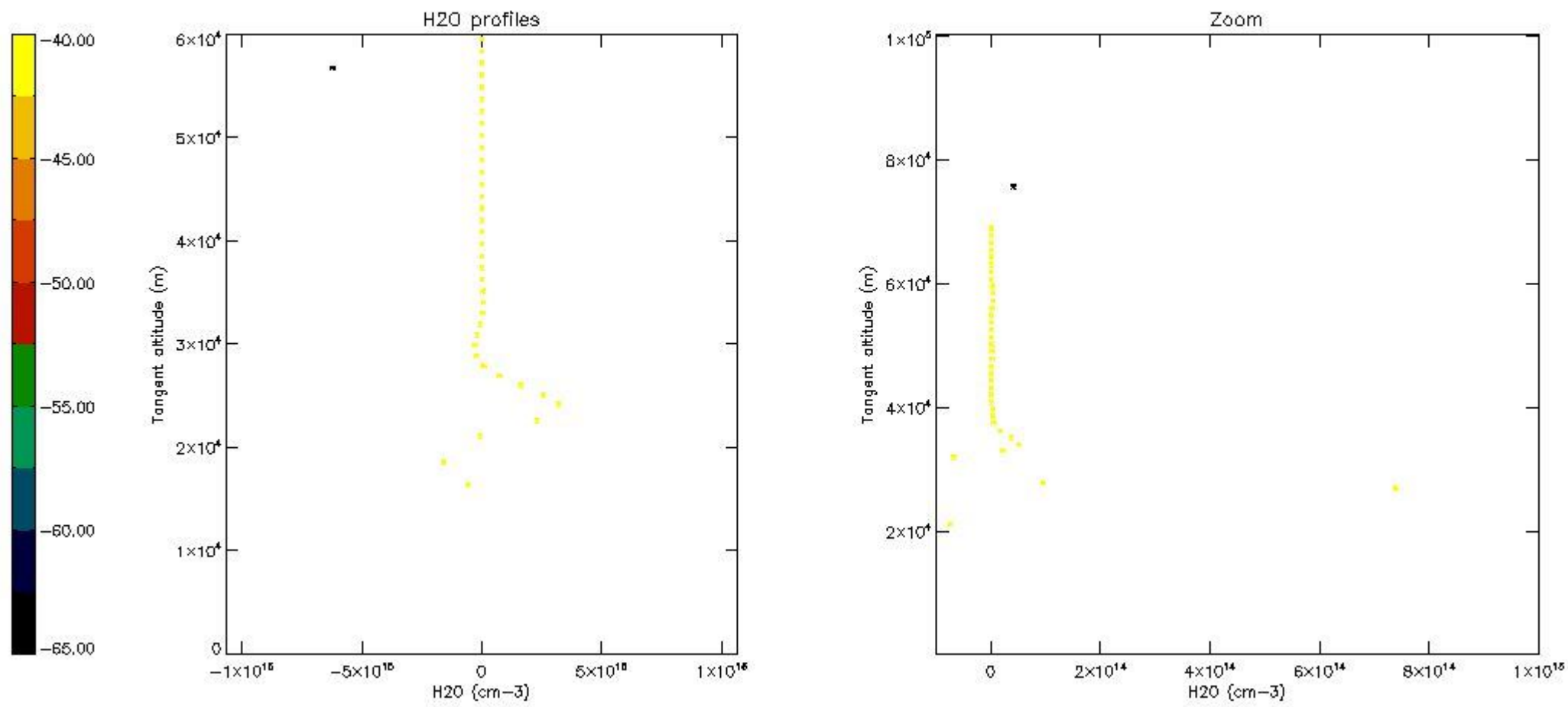
5.7 Plot NO3 profiles for all STD (dark without errors)

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	05-AUG-2009 00:09:23
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-AUG-2009 00:09:23
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-AUG-2009 00:09:23

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 11:27:44
Data source version	GOMOS/6.01
Start time of products	05-08-2009 (05AUG2009 00:00:00)
Stop time of products	06-08-2009 (06AUG2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	258
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__2PRFIN20090805_000923_000000482081_00217_38848_5851.N1	05-AUG-2009 00:09:23	Dark	47.500	157	The1Eri	2.9060	9300.0	95	38848	No
2	GOM_NL__2PRFIN20090805_001942_000000642081_00217_38848_5852.N1	05-AUG-2009 00:19:42	Straylight	64.000	84	Alp Phe	2.3970	4500.0	128	38848	No
3	GOM_NL__2PRFIN20090805_002333_000000552081_00217_38848_5853.N1	05-AUG-2009 00:23:33	Straylight	55.000	63	Bet Gru	2.1500	2800.0	110	38848	No
4	GOM_NL__2PRFIN20090805_002821_000000612081_00217_38848_5854.N1	05-AUG-2009 00:28:21	Twilight_stray	61.000	18	24Alp PsA	1.1660	9700.0	122	38848	No
5	GOM_NL__2PRFIN20090805_003505_000000502081_00217_38848_5855.N1	05-AUG-2009 00:35:05	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	38848	No
6	GOM_NL__2PRFIN20090805_003903_000000492081_00217_38848_5856.N1	05-AUG-2009 00:39:03	Bright	49.000	154	22Bet Aqr	2.8990	5700.0	98	38848	No
7	GOM_NL__2PRFIN20090805_005122_000000432081_00217_38848_5857.N1	05-AUG-2009 00:51:22	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	38848	No
8	GOM_NL__2PRFIN20090805_005432_000000412081_00217_38848_5858.N1	05-AUG-2009 00:54:32	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	38848	No
9	GOM_NL__2PRFIN20090805_005958_000000392081_00217_38848_5859.N1	05-AUG-2009 00:59:58	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38848	No
10	GOM_NL__2PRFIN20090805_010603_000000512081_00217_38848_5860.N1	05-AUG-2009 01:06:03	Bright	51.000	74	11Bet Cas	2.2680	6600.0	102	38848	No
11	GOM_NL__2PRFIN20090805_010806_000000482081_00217_38848_5861.N1	05-AUG-2009 01:08:06	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38848	No
12	GOM_NL__2PRFIN20090805_011447_000000482081_00217_38848_5862.N1	05-AUG-2009 01:14:47	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	38848	No
13	GOM_NL__2PRFIN20090805_011631_000000522081_00217_38848_5863.N1	05-AUG-2009 01:16:31	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	38848	No
14	GOM_NL__2PRFIN20090805_011851_000000472081_00217_38848_5864.N1	05-AUG-2009 01:18:51	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	38848	No
15	GOM_NL__2PRFIN20090805_012042_000000522081_00217_38848_5865.N1	05-AUG-2009 01:20:42	Bright	51.500	149	45Eps Per	2.8880	30000.	103	38848	No
16	GOM_NL__2PRFIN20090805_012414_000000462081_00217_38848_5866.N1	05-AUG-2009 01:24:14	Bright	46.000	28	12Bet Tau	1.6500	15200.	92	38848	No
17	GOM_NL__2PRFIN20090805_012904_000000602081_00217_38848_5867.N1	05-AUG-2009 01:29:04	Dark	60.000	13	87Alp Tau	0.86700	3800.0	120	38848	No
18	GOM_NL__2PRFIN20090805_013450_000000442081_00217_38848_5868.N1	05-AUG-2009 01:34:50	Dark	43.500	128	67Bet Eri	2.7840	9700.0	87	38848	No
19	GOM_NL__2PRFIN20090805_014036_000000592081_00217_38848_5869.N1	05-AUG-2009 01:40:36	Dark	58.500	165	34Gam Eri	2.9500	3200.0	117	38848	No
20	GOM_NL__2PRFIN20090805_015000_000000482081_00218_38849_5866.N1	05-AUG-2009 01:50:00	Dark	48.000	157	The1Eri	2.9060	9300.0	96	38849	No
21	GOM_NL__2PRFIN20090805_020019_000000652081_00218_38849_5867.N1	05-AUG-2009 02:00:19	Straylight	65.000	84	Alp Phe	2.3970	4500.0	130	38849	No
22	GOM_NL__2PRFIN20090805_020410_000000542081_00218_38849_5868.N1	05-AUG-2009 02:04:10	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	38849	No
23	GOM_NL__2PRFIN20090805_020857_000000602081_00218_38849_5869.N1	05-AUG-2009 02:08:57	Twilight_stray	60.000	18	24Alp PsA	1.1660	9700.0	120	38849	No
24	GOM_NL__2PRFIN20090805_021542_000000482081_00218_38849_5870.N1	05-AUG-2009 02:15:42	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	38849	No
25	GOM_NL__2PRFIN20090805_021939_000000472081_00218_38849_5871.N1	05-AUG-2009 02:19:39	Bright	46.500	154	22Bet Aqr	2.8990	5700.0	93	38849	No
26	GOM_NL__2PRFIN20090805_023158_000000422081_00218_38849_5872.N1	05-AUG-2009 02:31:58	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	38849	No
27	GOM_NL__2PRFIN20090805_023507_000000412081_00218_38849_5873.N1	05-AUG-2009 02:35:07	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	38849	No
28	GOM_NL__2PRFIN20090805_024033_000000372081_00218_38849_5874.N1	05-AUG-2009 02:40:33	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	38849	No
29	GOM_NL__2PRFIN20090805_024638_000000482081_00218_38849_5875.N1	05-AUG-2009 02:46:38	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	38849	No
30	GOM_NL__2PRFIN20090805_024842_000000472081_00218_38849_5876.N1	05-AUG-2009 02:48:42	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	38849	No
31	GOM_NL__2PRFIN20090805_025522_000000712081_00218_38849_5877.N1	05-AUG-2009 02:55:22	Bright	71.000	160	23Gam Per	2.9300	4700.0	142	38849	No
32	GOM_NL__2PRFIN20090805_025707_000000542081_00218_38849_5878.N1	05-AUG-2009 02:57:07	Bright	53.500	35	33Alp Per	1.7950	6250.0	107	38849	No
33	GOM_NL__2PRFIN20090805_025927_000000572081_00218_38849_5879.N1	05-AUG-2009 02:59:27	Bright	57.000	6	13Alp Aur	0.080000	3400.0	114	38849	No
34	GOM_NL__2PRFIN20090805_030118_000000502081_00218_38849_5880.N1	05-AUG-2009 03:01:18	Bright	50.000	149	45Eps Per	2.8880	30000.	100	38849	No
35	GOM_NL__2PRFIN20090805_030450_000000462081_00218_38849_5881.N1	05-AUG-2009 03:04:50	Bright	46.000	28	12Bet Tau	1.6500	15200.	92	38849	No
36	GOM_NL__2PRFIN20090805_030940_000000652081_00218_38849_5882.N1	05-AUG-2009 03:09:40	Dark	64.500	13	87Alp Tau	0.86700	3800.0	129	38849	No
37	GOM_NL__2PRFIN20090805_031527_000000452081_00218_38849_5883.N1	05-AUG-2009 03:15:27	Dark	45.000	128	67Bet Eri	2.7840	9700.0	90	38849	No
38	GOM_NL__2PRFIN20090805_032113_000000532081_00218_38849_5884.N1	05-AUG-2009 03:21:13	Dark	52.500	165	34Gam Eri	2.9500	3200.0	105	38849	No
39	GOM_NL__2PRFIN20090805_033037_000000472081_00219_38850_5901.N1	05-AUG-2009 03:30:37	Dark	47.000	157	The1Eri	2.9060	9300.0	94	38850	No
40	GOM_NL__2PRFIN20090805_034056_000000582081_00219_38850_5902.N1	05-AUG-2009 03:40:56	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	38850	No
41	GOM_NL__2PRFIN20090805_034446_000000542081_00219_38850_5903.N1	05-AUG-2009 03:44:46	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	38850	No
42	GOM_NL__2PRFIN20090805_034934_000000622081_00219_38850_5904.N1	05-AUG-2009 03:49:34	Twilight_stray	62.000	18	24Alp PsA	1.1660	9700.0	124	38850	No

43	GOM_NL__2PRFIN20090805_035618_000000482081_00219_38850_5905.N1	05-AUG-2009 03:56:18	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	38850	No
44	GOM_NL__2PRFIN20090805_040015_000000482081_00219_38850_5906.N1	05-AUG-2009 04:00:15	Bright	48.000	154	22Bet Aqr	2.8990	5700.0	96	38850	No
45	GOM_NL__2PRFIN20090805_041233_000000432081_00219_38850_5907.N1	05-AUG-2009 04:12:33	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	38850	No
46	GOM_NL__2PRFIN20090805_041543_000000412081_00219_38850_5908.N1	05-AUG-2009 04:15:43	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	38850	No
47	GOM_NL__2PRFIN20090805_042109_000000402081_00219_38850_5909.N1	05-AUG-2009 04:21:09	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38850	No
48	GOM_NL__2PRFIN20090805_042713_000000572081_00219_38850_5910.N1	05-AUG-2009 04:27:13	Bright	56.500	74	11Bet Cas	2.2680	6600.0	113	38850	No
49	GOM_NL__2PRFIN20090805_042917_000000502081_00219_38850_5911.N1	05-AUG-2009 04:29:17	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	38850	No
50	GOM_NL__2PRFIN20090805_043558_000000552081_00219_38850_5912.N1	05-AUG-2009 04:35:58	Bright	54.500	160	23Gam Per	2.9300	4700.0	109	38850	No
51	GOM_NL__2PRFIN20090805_043743_000000522081_00219_38850_5913.N1	05-AUG-2009 04:37:43	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	38850	No
52	GOM_NL__2PRFIN20090805_044003_000000452081_00219_38850_5914.N1	05-AUG-2009 04:40:03	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	38850	No
53	GOM_NL__2PRFIN20090805_044154_000000502081_00219_38850_5915.N1	05-AUG-2009 04:41:54	Bright	50.000	149	45Eps Per	2.8880	30000.	100	38850	No
54	GOM_NL__2PRFIN20090805_044526_000000472081_00219_38850_5916.N1	05-AUG-2009 04:45:26	Bright	46.500	28	12Bet Tau	1.6500	15200.	93	38850	No
55	GOM_NL__2PRFIN20090805_045016_000000682081_00219_38850_5917.N1	05-AUG-2009 04:50:16	Dark	68.000	13	87Alp Tau	0.86700	3800.0	136	38850	No
56	GOM_NL__2PRFIN20090805_045603_000000472081_00219_38850_5918.N1	05-AUG-2009 04:56:03	Dark	46.500	128	67Bet Eri	2.7840	9700.0	93	38850	No
57	GOM_NL__2PRFIN20090805_050150_000000642081_00219_38850_5919.N1	05-AUG-2009 05:01:50	Dark	63.500	165	34Gam Eri	2.9500	3200.0	127	38850	No
58	GOM_NL__2PRFIN20090805_052133_000000562081_00220_38851_5915.N1	05-AUG-2009 05:21:33	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	38851	No
59	GOM_NL__2PRFIN20090805_052523_000000492081_00220_38851_5916.N1	05-AUG-2009 05:25:23	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	38851	No
60	GOM_NL__2PRFIN20090805_053010_000000612081_00220_38851_5917.N1	05-AUG-2009 05:30:10	Tw_i_and_stray	60.500	18	24Alp PsA	1.1660	9700.0	121	38851	No
61	GOM_NL__2PRFIN20090805_053654_000000502081_00220_38851_5918.N1	05-AUG-2009 05:36:54	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	38851	No
62	GOM_NL__2PRFIN20090805_054051_000000492081_00220_38851_5919.N1	05-AUG-2009 05:40:51	Bright	48.500	154	22Bet Aqr	2.8990	5700.0	97	38851	No
63	GOM_NL__2PRFIN20090805_055309_000000432081_00220_38851_5920.N1	05-AUG-2009 05:53:09	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	38851	No
64	GOM_NL__2PRFIN20090805_055618_000000412081_00220_38851_5921.N1	05-AUG-2009 05:56:18	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	38851	No
65	GOM_NL__2PRFIN20090805_060145_000000402081_00220_38851_5922.N1	05-AUG-2009 06:01:45	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38851	No
66	GOM_NL__2PRFIN20090805_060748_000000512081_00220_38851_5923.N1	05-AUG-2009 06:07:48	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	38851	No
67	GOM_NL__2PRFIN20090805_060952_000000482081_00220_38851_5924.N1	05-AUG-2009 06:09:52	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38851	No
68	GOM_NL__2PRFIN20090805_061634_000000482081_00220_38851_5925.N1	05-AUG-2009 06:16:34	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	38851	No
69	GOM_NL__2PRFIN20090805_061818_000000542081_00220_38851_5926.N1	05-AUG-2009 06:18:18	Bright	54.000	35	33Alp Per	1.7950	6250.0	108	38851	No
70	GOM_NL__2PRFIN20090805_062039_000000442081_00220_38851_5927.N1	05-AUG-2009 06:20:39	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	38851	No
71	GOM_NL__2PRFIN20090805_062230_000000552081_00220_38851_5928.N1	05-AUG-2009 06:22:30	Bright	54.500	149	45Eps Per	2.8880	30000.	109	38851	No
72	GOM_NL__2PRFIN20090805_062603_000000482081_00220_38851_5929.N1	05-AUG-2009 06:26:03	Bright	48.000	28	12Bet Tau	1.6500	15200.	96	38851	No
73	GOM_NL__2PRFIN20090805_063053_000000682081_00220_38851_5930.N1	05-AUG-2009 06:30:53	Dark	68.000	13	87Alp Tau	0.86700	3800.0	136	38851	No
74	GOM_NL__2PRFIN20090805_063640_000000462081_00220_38851_5931.N1	05-AUG-2009 06:36:40	Dark	45.500	128	67Bet Eri	2.7840	9700.0	91	38851	No
75	GOM_NL__2PRFIN20090805_064228_000000702081_00220_38851_5932.N1	05-AUG-2009 06:42:28	Dark	70.000	165	34Gam Eri	2.9500	3200.0	140	38851	No
76	GOM_NL__2PRFIN20090805_070211_000000642081_00221_38852_5929.N1	05-AUG-2009 07:02:11	Straylight	63.500	84	Alp Phe	2.3970	4500.0	127	38852	No
77	GOM_NL__2PRFIN20090805_070559_000000582081_00221_38852_5930.N1	05-AUG-2009 07:05:59	Straylight	58.000	63	Bet Gru	2.1500	2800.0	116	38852	No
78	GOM_NL__2PRFIN20090805_071047_000000622081_00221_38852_5931.N1	05-AUG-2009 07:10:47	Tw_i_and_stray	62.000	18	24Alp PsA	1.1660	9700.0	124	38852	No
79	GOM_NL__2PRFIN20090805_071730_000000472081_00221_38852_5932.N1	05-AUG-2009 07:17:30	Bright	47.000	142	49Del Cap	2.8500	8900.0	94	38852	No
80	GOM_NL__2PRFIN20090805_072127_000000492081_00221_38852_5933.N1	05-AUG-2009 07:21:27	Bright	49.000	154	22Bet Aqr	2.8990	5700.0	98	38852	No
81	GOM_NL__2PRFIN20090805_073344_000000402081_00221_38852_5934.N1	05-AUG-2009 07:33:44	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	38852	No
82	GOM_NL__2PRFIN20090805_073654_000000432081_00221_38852_5935.N1	05-AUG-2009 07:36:54	Bright	43.000	19	50Alp Cyg	1.2460	10500.	86	38852	No
83	GOM_NL__2PRFIN20090805_074220_000000392081_00221_38852_5936.N1	05-AUG-2009 07:42:20	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38852	No
84	GOM_NL__2PRFIN20090805_074824_000000502081_00221_38852_5937.N1	05-AUG-2009 07:48:24	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38852	No
85	GOM_NL__2PRFIN20090805_075027_000000482081_00221_38852_5938.N1	05-AUG-2009 07:50:27	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38852	No
86	GOM_NL__2PRFIN20090805_075709_000000522081_00221_38852_5939.N1	05-AUG-2009 07:57:09	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	38852	No
87	GOM_NL__2PRFIN20090805_075854_000000502081_00221_38852_5940.N1	05-AUG-2009 07:58:54	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	38852	No
88	GOM_NL__2PRFIN20090805_080115_000000512081_00221_38852_5941.N1	05-AUG-2009 08:01:15	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	38852	No
89	GOM_NL__2PRFIN20090805_080306_000000502081_00221_38852_5942.N1	05-AUG-2009 08:03:06	Bright	49.500	149	45Eps Per	2.8880	30000.	99	38852	No
90	GOM_NL__2PRFIN20090805_080639_000000462081_00221_38852_5943.N1	05-AUG-2009 08:06:39	Bright	46.000	28	12Bet Tau	1.6500	15200.	92	38852	No
91	GOM_NL__2PRFIN20090805_081129_000000592081_00221_38852_5944.N1	05-AUG-2009 08:11:29	Dark	59.000	13	87Alp Tau	0.86700	3800.0	118	38852	No
92	GOM_NL__2PRFIN20090805_081716_000000442081_00221_38852_5945.N1	05-AUG-2009 08:17:16	Dark	44.000	128	67Bet Eri	2.7840	9700.0	88	38852	No
93	GOM_NL__2PRFIN20090805_082305_000000622081_00221_38852_5946.N1	05-AUG-2009 08:23:05	Dark	61.500	165	34Gam Eri	2.9500	3200.0	123	38852	No
94	GOM_NL__2PRFIN20090805_083228_000000552081_00222_38853_5943.N1	05-AUG-2009 08:32:28	Dark	55.000	157	The1Eri	2.9060	9300.0	110	38853	No
95	GOM_NL__2PRFIN20090805_084247_000000632081_00222_38853_5944.N1	05-AUG-2009 08:42:47	Straylight	63.000	84	Alp Phe	2.3970	4500.0	126	38853	No
96	GOM_NL__2PRFIN20090805_084636_000000512081_00222_38853_5945.N1	05-AUG-2009 08:46:36	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	38853	No
97	GOM_NL__2PRFIN20090805_085124_000000612081_00222_38853_5946.N1	05-AUG-2009 08:51:24	Tw_i_and_stray	60.500	18	24Alp PsA	1.1660	9700.0	121	38853	No
98	GOM_NL__2PRFIN20090805_085806_000000482081_00222_38853_5947.N1	05-AUG-2009 08:58:06	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	38853	No
99	GOM_NL__2PRFIN20090805_090202_000000482081_00222_38853_5948.N1	05-AUG-2009 09:02:02	Bright	48.000	154	22Bet Aqr	2.8990	5700.0	96	38853	No
100	GOM_NL__2PRFIN20090805_091420_000000422081_00222_38853_5949.N1	05-AUG-2009 09:14:20	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	38853	No
101	GOM_NL__2PRFIN20090805_091729_000000592081_00222_38853_5950.N1	05-AUG-2009 09:17:29	Bright	59.000	19	50Alp Cyg	1.2460	10500.	118	38853	No

102	GOM_NL__2PRFIN20090805_092256_000000392081_00222_38853_5951.N1	05-AUG-2009 09:22:56	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38853	No
103	GOM_NL__2PRFIN20090805_092859_000000502081_00222_38853_5952.N1	05-AUG-2009 09:28:59	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38853	No
104	GOM_NL__2PRFIN20090805_093103_000000482081_00222_38853_5953.N1	05-AUG-2009 09:31:03	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38853	No
105	GOM_NL__2PRFIN20090805_093745_000000492081_00222_38853_5954.N1	05-AUG-2009 09:37:45	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	38853	No
106	GOM_NL__2PRFIN20090805_093930_000000532081_00222_38853_5955.N1	05-AUG-2009 09:39:30	Bright	52.500	35	33Alp Per	1.7950	6250.0	105	38853	No
107	GOM_NL__2PRFIN20090805_094151_000000462081_00222_38853_5956.N1	05-AUG-2009 09:41:51	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	38853	No
108	GOM_NL__2PRFIN20090805_094342_000000532081_00222_38853_5957.N1	05-AUG-2009 09:43:42	Bright	53.000	149	45Eps Per	2.8880	30000.	106	38853	No
109	GOM_NL__2PRFIN20090805_094715_000000472081_00222_38853_5958.N1	05-AUG-2009 09:47:15	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	38853	No
110	GOM_NL__2PRFIN20090805_095206_000000622081_00222_38853_5959.N1	05-AUG-2009 09:52:06	Dark	61.500	13	87Alp Tau	0.86700	3800.0	123	38853	No
111	GOM_NL__2PRFIN20090805_095753_000000462081_00222_38853_5960.N1	05-AUG-2009 09:57:53	Dark	46.000	128	67Bet Eri	2.7840	9700.0	92	38853	No
112	GOM_NL__2PRFIN20090805_100342_000000582081_00222_38853_5961.N1	05-AUG-2009 10:03:42	Dark	57.500	165	34Gam Eri	2.9500	3200.0	115	38853	No
113	GOM_NL__2PRFIN20090805_101305_000000472081_00223_38854_5955.N1	05-AUG-2009 10:13:05	Dark	46.500	157	The1Eri	2.9060	9300.0	93	38854	No
114	GOM_NL__2PRFIN20090805_102324_000000562081_00223_38854_5956.N1	05-AUG-2009 10:23:24	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	38854	No
115	GOM_NL__2PRFIN20090805_102712_000000552081_00223_38854_5957.N1	05-AUG-2009 10:27:12	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	38854	No
116	GOM_NL__2PRFIN20090805_103200_000000612081_00223_38854_5958.N1	05-AUG-2009 10:32:00	Tw_i_and_stray	61.000	18	24Alp PsA	1.1660	9700.0	122	38854	No
117	GOM_NL__2PRFIN20090805_103842_000000692081_00223_38854_5959.N1	05-AUG-2009 10:38:42	Bright	68.500	142	49Del Cap	2.8500	8900.0	137	38854	No
118	GOM_NL__2PRFIN20090805_104238_000000492081_00223_38854_5960.N1	05-AUG-2009 10:42:38	Bright	48.500	154	22Bet Aqr	2.8990	5700.0	97	38854	No
119	GOM_NL__2PRFIN20090805_105455_000000432081_00223_38854_5961.N1	05-AUG-2009 10:54:55	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	38854	No
120	GOM_NL__2PRFIN20090805_105805_000000402081_00223_38854_5962.N1	05-AUG-2009 10:58:05	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	38854	No
121	GOM_NL__2PRFIN20090805_110331_000000402081_00223_38854_5963.N1	05-AUG-2009 11:03:31	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38854	No
122	GOM_NL__2PRFIN20090805_110934_000000522081_00223_38854_5964.N1	05-AUG-2009 11:09:34	Bright	52.000	74	11Bet Cas	2.2680	6600.0	104	38854	No
123	GOM_NL__2PRFIN20090805_111138_000000502081_00223_38854_5965.N1	05-AUG-2009 11:11:38	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	38854	No
124	GOM_NL__2PRFIN20090805_111820_000000492081_00223_38854_5966.N1	05-AUG-2009 11:18:20	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	38854	No
125	GOM_NL__2PRFIN20090805_112005_000000722081_00223_38854_5967.N1	05-AUG-2009 11:20:05	Bright	72.000	35	33Alp Per	1.7950	6250.0	144	38854	No
126	GOM_NL__2PRFIN20090805_112227_000000452081_00223_38854_5968.N1	05-AUG-2009 11:22:27	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	38854	No
127	GOM_NL__2PRFIN20090805_112751_000000462081_00223_38854_5969.N1	05-AUG-2009 11:27:51	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	38854	No
128	GOM_NL__2PRFIN20090805_113242_000000582081_00223_38854_5970.N1	05-AUG-2009 11:32:42	Dark	58.000	13	87Alp Tau	0.86700	3800.0	116	38854	No
129	GOM_NL__2PRFIN20090805_113829_000000462081_00223_38854_5971.N1	05-AUG-2009 11:38:29	Dark	46.000	128	67Bet Eri	2.7840	9700.0	92	38854	No
130	GOM_NL__2PRFIN20090805_114419_000000592081_00223_38854_5972.N1	05-AUG-2009 11:44:19	Dark	59.000	165	34Gam Eri	2.9500	3200.0	118	38854	No
131	GOM_NL__2PRFIN20090805_115342_000000472081_00224_38855_5971.N1	05-AUG-2009 11:53:42	Dark	47.000	157	The1Eri	2.9060	9300.0	94	38855	No
132	GOM_NL__2PRFIN20090805_120401_000000542081_00224_38855_5972.N1	05-AUG-2009 12:04:01	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	38855	No
133	GOM_NL__2PRFIN20090805_120749_000000482081_00224_38855_5973.N1	05-AUG-2009 12:07:49	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	38855	No
134	GOM_NL__2PRFIN20090805_121237_000000592081_00224_38855_5974.N1	05-AUG-2009 12:12:37	Tw_i_and_stray	58.500	18	24Alp PsA	1.1660	9700.0	117	38855	No
135	GOM_NL__2PRFIN20090805_121918_000000462081_00224_38855_5975.N1	05-AUG-2009 12:19:18	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	38855	No
136	GOM_NL__2PRFIN20090805_122314_000000482081_00224_38855_5976.N1	05-AUG-2009 12:23:14	Bright	47.500	154	22Bet Aqr	2.8990	5700.0	95	38855	No
137	GOM_NL__2PRFIN20090805_123531_000000542081_00224_38855_5977.N1	05-AUG-2009 12:35:31	Bright	53.500	92	53Eps Cyg	2.5000	4500.0	107	38855	No
138	GOM_NL__2PRFIN20090805_123840_000000592081_00224_38855_5978.N1	05-AUG-2009 12:38:40	Bright	59.000	19	50Alp Cyg	1.2460	10500.	118	38855	No
139	GOM_NL__2PRFIN20090805_124407_000000402081_00224_38855_5979.N1	05-AUG-2009 12:44:07	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38855	No
140	GOM_NL__2PRFIN20090805_125009_000000482081_00224_38855_5980.N1	05-AUG-2009 12:50:09	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38855	No
141	GOM_NL__2PRFIN20090805_125213_000000502081_00224_38855_5981.N1	05-AUG-2009 12:52:13	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	38855	No
142	GOM_NL__2PRFIN20090805_125856_000000492081_00224_38855_5982.N1	05-AUG-2009 12:58:56	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	38855	No
143	GOM_NL__2PRFIN20090805_130041_000000672081_00224_38855_5983.N1	05-AUG-2009 13:00:41	Bright	67.000	35	33Alp Per	1.7950	6250.0	134	38855	No
144	GOM_NL__2PRFIN20090805_130302_000000452081_00224_38855_5984.N1	05-AUG-2009 13:03:02	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	38855	No
145	GOM_NL__2PRFIN20090805_130827_000000472081_00224_38855_5985.N1	05-AUG-2009 13:08:27	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	38855	No
146	GOM_NL__2PRFIN20090805_131318_000000592081_00224_38855_5986.N1	05-AUG-2009 13:13:18	Dark	59.000	13	87Alp Tau	0.86700	3800.0	118	38855	No
147	GOM_NL__2PRFIN20090805_131906_000000442081_00224_38855_5987.N1	05-AUG-2009 13:19:06	Dark	44.000	128	67Bet Eri	2.7840	9700.0	88	38855	No
148	GOM_NL__2PRFIN20090805_132456_000000582081_00224_38855_5988.N1	05-AUG-2009 13:24:56	Dark	58.000	165	34Gam Eri	2.9500	3200.0	116	38855	No
149	GOM_NL__2PRFIN20090805_133419_000000482081_00225_38856_5987.N1	05-AUG-2009 13:34:19	Dark	47.500	157	The1Eri	2.9060	9300.0	95	38856	No
150	GOM_NL__2PRFIN20090805_134438_000000572081_00225_38856_5988.N1	05-AUG-2009 13:44:38	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	38856	No
151	GOM_NL__2PRFIN20090805_134825_000000482081_00225_38856_5989.N1	05-AUG-2009 13:48:25	Straylight	48.000	63	Bet Gru	2.1500	2800.0	96	38856	No
152	GOM_NL__2PRFIN20090805_135313_000000632081_00225_38856_5990.N1	05-AUG-2009 13:53:13	Tw_i_and_stray	62.500	18	24Alp PsA	1.1660	9700.0	125	38856	No
153	GOM_NL__2PRFIN20090805_135954_000000492081_00225_38856_5991.N1	05-AUG-2009 13:59:54	Bright	49.000	142	49Del Cap	2.8500	8900.0	98	38856	No
154	GOM_NL__2PRFIN20090805_140349_000000472081_00225_38856_5992.N1	05-AUG-2009 14:03:49	Bright	46.500	154	22Bet Aqr	2.8990	5700.0	93	38856	No
155	GOM_NL__2PRFIN20090805_141606_000000412081_00225_38856_5993.N1	05-AUG-2009 14:16:06	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	38856	No
156	GOM_NL__2PRFIN20090805_141916_000000592081_00225_38856_5994.N1	05-AUG-2009 14:19:16	Bright	59.000	19	50Alp Cyg	1.2460	10500.	118	38856	No
157	GOM_NL__2PRFIN20090805_142442_000000412081_00225_38856_5995.N1	05-AUG-2009 14:24:42	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38856	No
158	GOM_NL__2PRFIN20090805_143044_000000482081_00225_38856_5996.N1	05-AUG-2009 14:30:44	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	38856	No
159	GOM_NL__2PRFIN20090805_143248_000000502081_00225_38856_5997.N1	05-AUG-2009 14:32:48	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	38856	No
160	GOM_NL__2PRFIN20090805_143931_000000492081_00225_38856_5998.N1	05-AUG-2009 14:39:31	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	38856	No

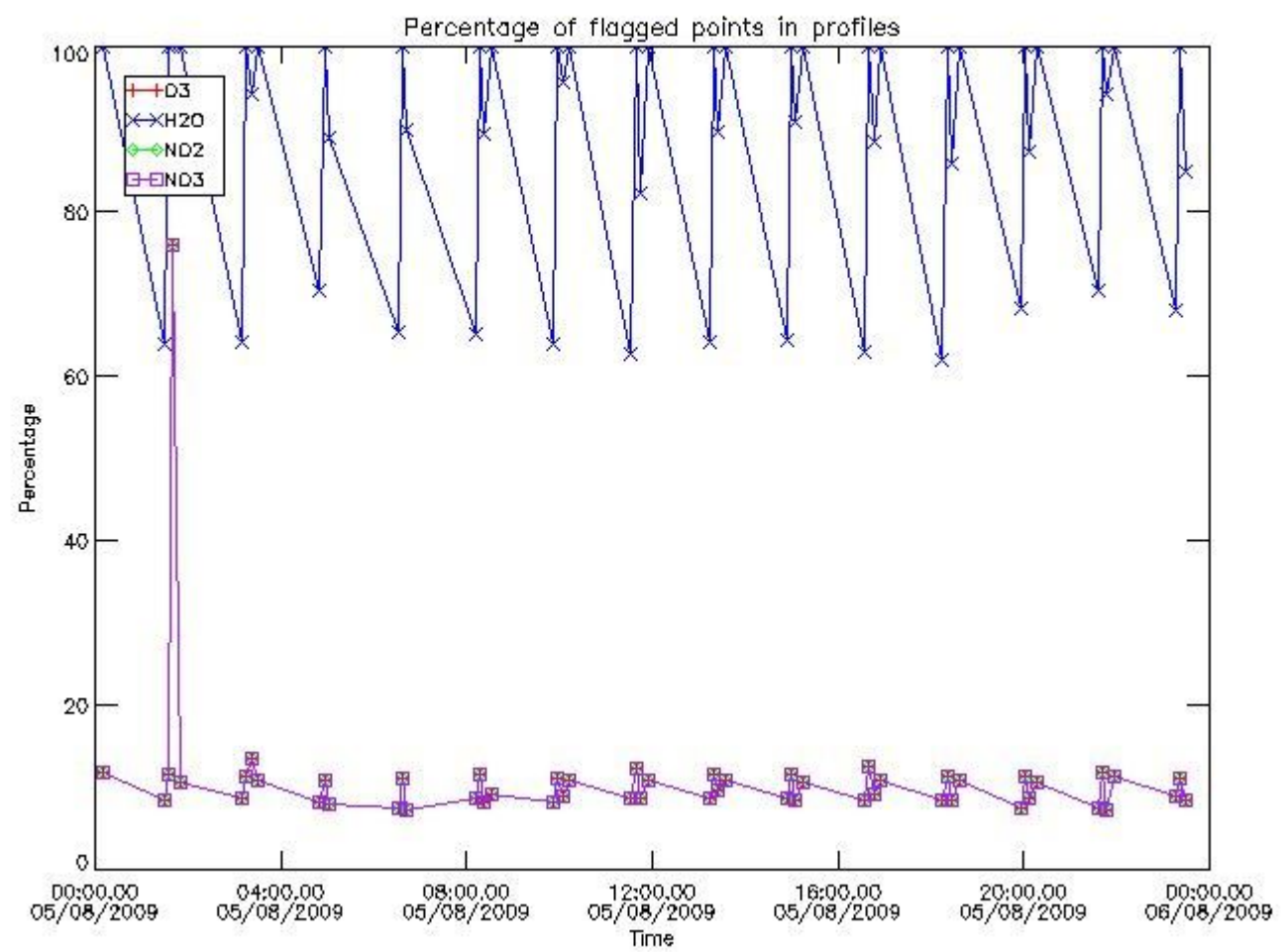
161	GOM_NL__2PRFIN20090805_144116_000000552081_00225_38856_5999.N1	05-AUG-2009 14:41:16	Bright	54.500	35	33Alp Per	1.7950	6250.0	109	38856	No
162	GOM_NL__2PRFIN20090805_144338_000000452081_00225_38856_6000.N1	05-AUG-2009 14:43:38	Bright	45.000	6	13Alp Aur	0.080000	3400.0	90	38856	No
163	GOM_NL__2PRFIN20090805_144903_000000452081_00225_38856_6001.N1	05-AUG-2009 14:49:03	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	38856	No
164	GOM_NL__2PRFIN20090805_145355_000000582081_00225_38856_6002.N1	05-AUG-2009 14:53:55	Dark	58.000	13	87Alp Tau	0.86700	3800.0	116	38856	No
165	GOM_NL__2PRFIN20090805_145942_000000452081_00225_38856_6003.N1	05-AUG-2009 14:59:42	Dark	44.500	128	67Bet Eri	2.7840	9700.0	89	38856	No
166	GOM_NL__2PRFIN20090805_150533_000000612081_00225_38856_6004.N1	05-AUG-2009 15:05:33	Dark	61.000	165	34Gam Eri	2.9500	3200.0	122	38856	No
167	GOM_NL__2PRFIN20090805_151456_000000482081_00226_38857_6002.N1	05-AUG-2009 15:14:56	Dark	48.000	157	The1Eri	2.9060	9300.0	96	38857	No
168	GOM_NL__2PRFIN20090805_152515_000000572081_00226_38857_6003.N1	05-AUG-2009 15:25:15	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	38857	No
169	GOM_NL__2PRFIN20090805_152902_000000532081_00226_38857_6004.N1	05-AUG-2009 15:29:02	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	38857	No
170	GOM_NL__2PRFIN20090805_153350_000000602081_00226_38857_6005.N1	05-AUG-2009 15:33:50	Tw_i_and_stray	60.000	18	24Alp PsA	1.1660	9700.0	120	38857	No
171	GOM_NL__2PRFIN20090805_154030_000000492081_00226_38857_6006.N1	05-AUG-2009 15:40:30	Bright	48.500	142	49Del Cap	2.8500	8900.0	97	38857	No
172	GOM_NL__2PRFIN20090805_154425_000000472081_00226_38857_6007.N1	05-AUG-2009 15:44:25	Bright	46.500	154	22Bet Aqr	2.8990	5700.0	93	38857	No
173	GOM_NL__2PRFIN20090805_155642_000000412081_00226_38857_6008.N1	05-AUG-2009 15:56:42	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	38857	No
174	GOM_NL__2PRFIN20090805_155951_000000392081_00226_38857_6009.N1	05-AUG-2009 15:59:51	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	38857	No
175	GOM_NL__2PRFIN20090805_160518_000000412081_00226_38857_6010.N1	05-AUG-2009 16:05:18	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38857	No
176	GOM_NL__2PRFIN20090805_161119_000000512081_00226_38857_6011.N1	05-AUG-2009 16:11:19	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	38857	No
177	GOM_NL__2PRFIN20090805_161323_000000512081_00226_38857_6012.N1	05-AUG-2009 16:13:23	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38857	No
178	GOM_NL__2PRFIN20090805_162007_000000612081_00226_38857_6013.N1	05-AUG-2009 16:20:07	Bright	60.500	160	23Gam Per	2.9300	4700.0	121	38857	No
179	GOM_NL__2PRFIN20090805_162152_000000562081_00226_38857_6014.N1	05-AUG-2009 16:21:52	Bright	56.000	35	33Alp Per	1.7950	6250.0	112	38857	No
180	GOM_NL__2PRFIN20090805_162414_000000442081_00226_38857_6015.N1	05-AUG-2009 16:24:14	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	38857	No
181	GOM_NL__2PRFIN20090805_162939_000000462081_00226_38857_6016.N1	05-AUG-2009 16:29:39	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	38857	No
182	GOM_NL__2PRFIN20090805_163431_000000612081_00226_38857_6017.N1	05-AUG-2009 16:34:31	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	38857	No
183	GOM_NL__2PRFIN20090805_164019_000000452081_00226_38857_6018.N1	05-AUG-2009 16:40:19	Dark	44.500	128	67Bet Eri	2.7840	9700.0	89	38857	No
184	GOM_NL__2PRFIN20090805_164610_000000612081_00226_38857_6019.N1	05-AUG-2009 16:46:10	Dark	61.000	165	34Gam Eri	2.9500	3200.0	122	38857	No
185	GOM_NL__2PRFIN20090805_165533_000000482081_00227_38858_6016.N1	05-AUG-2009 16:55:33	Dark	47.500	157	The1Eri	2.9060	9300.0	95	38858	No
186	GOM_NL__2PRFIN20090805_170552_000000552081_00227_38858_6017.N1	05-AUG-2009 17:05:52	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38858	No
187	GOM_NL__2PRFIN20090805_170938_000000482081_00227_38858_6018.N1	05-AUG-2009 17:09:38	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	38858	No
188	GOM_NL__2PRFIN20090805_171426_000000602081_00227_38858_6019.N1	05-AUG-2009 17:14:26	Tw_i_and_stray	60.000	18	24Alp PsA	1.1660	9700.0	120	38858	No
189	GOM_NL__2PRFIN20090805_172106_000000502081_00227_38858_6020.N1	05-AUG-2009 17:21:06	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	38858	No
190	GOM_NL__2PRFIN20090805_172501_000000462081_00227_38858_6021.N1	05-AUG-2009 17:25:01	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	38858	No
191	GOM_NL__2PRFIN20090805_173717_000000412081_00227_38858_6022.N1	05-AUG-2009 17:37:17	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	38858	No
192	GOM_NL__2PRFIN20090805_174027_000000412081_00227_38858_6023.N1	05-AUG-2009 17:40:27	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	38858	No
193	GOM_NL__2PRFIN20090805_174553_000000402081_00227_38858_6024.N1	05-AUG-2009 17:45:53	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	38858	No
194	GOM_NL__2PRFIN20090805_175154_000000502081_00227_38858_6025.N1	05-AUG-2009 17:51:54	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38858	No
195	GOM_NL__2PRFIN20090805_175359_000000482081_00227_38858_6026.N1	05-AUG-2009 17:53:59	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38858	No
196	GOM_NL__2PRFIN20090805_180042_000000502081_00227_38858_6027.N1	05-AUG-2009 18:00:42	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	38858	No
197	GOM_NL__2PRFIN20090805_180228_000000502081_00227_38858_6028.N1	05-AUG-2009 18:02:28	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	38858	No
198	GOM_NL__2PRFIN20090805_180450_000000442081_00227_38858_6029.N1	05-AUG-2009 18:04:50	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	38858	No
199	GOM_NL__2PRFIN20090805_181015_000000462081_00227_38858_6030.N1	05-AUG-2009 18:10:15	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	38858	No
200	GOM_NL__2PRFIN20090805_181508_000000612081_00227_38858_6031.N1	05-AUG-2009 18:15:08	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	38858	No
201	GOM_NL__2PRFIN20090805_182055_000000452081_00227_38858_6032.N1	05-AUG-2009 18:20:55	Dark	45.000	128	67Bet Eri	2.7840	9700.0	90	38858	No
202	GOM_NL__2PRFIN20090805_182647_000000602081_00227_38858_6033.N1	05-AUG-2009 18:26:47	Dark	60.000	165	34Gam Eri	2.9500	3200.0	120	38858	No
203	GOM_NL__2PRFIN20090805_183610_000000482081_00228_38859_6033.N1	05-AUG-2009 18:36:10	Dark	47.500	157	The1Eri	2.9060	9300.0	95	38859	No
204	GOM_NL__2PRFIN20090805_184629_000000532081_00228_38859_6034.N1	05-AUG-2009 18:46:29	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	38859	No
205	GOM_NL__2PRFIN20090805_185015_000000542081_00228_38859_6035.N1	05-AUG-2009 18:50:15	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	38859	No
206	GOM_NL__2PRFIN20090805_185503_000000612081_00228_38859_6036.N1	05-AUG-2009 18:55:03	Tw_i_and_stray	60.500	18	24Alp PsA	1.1660	9700.0	121	38859	No
207	GOM_NL__2PRFIN20090805_190142_000000502081_00228_38859_6037.N1	05-AUG-2009 19:01:42	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	38859	No
208	GOM_NL__2PRFIN20090805_190537_000000492081_00228_38859_6038.N1	05-AUG-2009 19:05:37	Bright	49.000	154	22Bet Aqr	2.8990	5700.0	98	38859	No
209	GOM_NL__2PRFIN20090805_191753_000000422081_00228_38859_6039.N1	05-AUG-2009 19:17:53	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	38859	No
210	GOM_NL__2PRFIN20090805_192103_000000592081_00228_38859_6040.N1	05-AUG-2009 19:21:03	Bright	59.000	19	50Alp Cyg	1.2460	10500.	118	38859	No
211	GOM_NL__2PRFIN20090805_192629_000000402081_00228_38859_6041.N1	05-AUG-2009 19:26:29	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38859	No
212	GOM_NL__2PRFIN20090805_193229_000000522081_00228_38859_6042.N1	05-AUG-2009 19:32:29	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	38859	No
213	GOM_NL__2PRFIN20090805_193434_000000492081_00228_38859_6043.N1	05-AUG-2009 19:34:34	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	38859	No
214	GOM_NL__2PRFIN20090805_194118_000000702081_00228_38859_6044.N1	05-AUG-2009 19:41:18	Bright	69.500	160	23Gam Per	2.9300	4700.0	139	38859	No
215	GOM_NL__2PRFIN20090805_194303_000000502081_00228_38859_6045.N1	05-AUG-2009 19:43:03	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	38859	No
216	GOM_NL__2PRFIN20090805_194526_000000462081_00228_38859_6046.N1	05-AUG-2009 19:45:26	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	38859	No
217	GOM_NL__2PRFIN20090805_195052_000000472081_00228_38859_6047.N1	05-AUG-2009 19:50:52	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	38859	No
218	GOM_NL__2PRFIN20090805_195544_000000682081_00228_38859_6048.N1	05-AUG-2009 19:55:44	Dark	68.000	13	87Alp Tau	0.86700	3800.0	136	38859	No
219	GOM_NL__2PRFIN20090805_200132_000000452081_00228_38859_6049.N1	05-AUG-2009 20:01:32	Dark	45.000	128	67Bet Eri	2.7840	9700.0	90	38859	No

220	GOM_NL__2PRFIN20090805_200724_000000592081_00228_38859_6050.N1	05-AUG-2009 20:07:24	Dark	59.000	165	34Gam Eri	2.9500	3200.0	118	38859	No
221	GOM_NL__2PRFIN20090805_201647_000000492081_00229_38860_6072.N1	05-AUG-2009 20:16:47	Dark	48.500	157	The1Eri	2.9060	9300.0	97	38860	No
222	GOM_NL__2PRFIN20090805_202706_000000652081_00229_38860_6073.N1	05-AUG-2009 20:27:06	Straylight	65.000	84	Alp Phe	2.3970	4500.0	130	38860	No
223	GOM_NL__2PRFIN20090805_203052_000000612081_00229_38860_6074.N1	05-AUG-2009 20:30:52	Straylight	60.500	63	Bet Gru	2.1500	2800.0	121	38860	No
224	GOM_NL__2PRFIN20090805_203539_000000632081_00229_38860_6075.N1	05-AUG-2009 20:35:39	Tw_i_and_stray	62.500	18	24Alp PsA	1.1660	9700.0	125	38860	No
225	GOM_NL__2PRFIN20090805_204218_000000482081_00229_38860_6076.N1	05-AUG-2009 20:42:18	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	38860	No
226	GOM_NL__2PRFIN20090805_204613_000000492081_00229_38860_6077.N1	05-AUG-2009 20:46:13	Bright	48.500	154	22Bet Aqr	2.8990	5700.0	97	38860	No
227	GOM_NL__2PRFIN20090805_205828_000000412081_00229_38860_6078.N1	05-AUG-2009 20:58:28	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	38860	No
228	GOM_NL__2PRFIN20090805_210138_000000392081_00229_38860_6079.N1	05-AUG-2009 21:01:38	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	38860	No
229	GOM_NL__2PRFIN20090805_210705_000000412081_00229_38860_6080.N1	05-AUG-2009 21:07:05	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38860	No
230	GOM_NL__2PRFIN20090805_211304_000000492081_00229_38860_6081.N1	05-AUG-2009 21:13:04	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	38860	No
231	GOM_NL__2PRFIN20090805_211509_000000512081_00229_38860_6082.N1	05-AUG-2009 21:15:09	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38860	No
232	GOM_NL__2PRFIN20090805_212153_000000722081_00229_38860_6083.N1	05-AUG-2009 21:21:53	Bright	72.000	160	23Gam Per	2.9300	4700.0	144	38860	No
233	GOM_NL__2PRFIN20090805_212339_000000532081_00229_38860_6084.N1	05-AUG-2009 21:23:39	Bright	53.000	35	33Alp Per	1.7950	6250.0	106	38860	No
234	GOM_NL__2PRFIN20090805_212602_000000472081_00229_38860_6085.N1	05-AUG-2009 21:26:02	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	38860	No
235	GOM_NL__2PRFIN20090805_212753_000000512081_00229_38860_6086.N1	05-AUG-2009 21:27:53	Bright	51.000	149	45Eps Per	2.8880	30000.	102	38860	No
236	GOM_NL__2PRFIN20090805_213128_000000482081_00229_38860_6087.N1	05-AUG-2009 21:31:28	Bright	48.000	28	12Bet Tau	1.6500	15200.	96	38860	No
237	GOM_NL__2PRFIN20090805_213620_000000682081_00229_38860_6088.N1	05-AUG-2009 21:36:20	Dark	68.000	13	87Alp Tau	0.86700	3800.0	136	38860	No
238	GOM_NL__2PRFIN20090805_214208_000000432081_00229_38860_6089.N1	05-AUG-2009 21:42:08	Dark	42.500	128	67Bet Eri	2.7840	9700.0	85	38860	No
239	GOM_NL__2PRFIN20090805_214801_000000712081_00229_38860_6090.N1	05-AUG-2009 21:48:01	Dark	70.500	165	34Gam Eri	2.9500	3200.0	141	38860	No
240	GOM_NL__2PRFIN20090805_215724_000000492081_00230_38861_6087.N1	05-AUG-2009 21:57:24	Dark	49.000	157	The1Eri	2.9060	9300.0	98	38861	No
241	GOM_NL__2PRFIN20090805_220743_000000672081_00230_38861_6088.N1	05-AUG-2009 22:07:43	Straylight	66.500	84	Alp Phe	2.3970	4500.0	133	38861	No
242	GOM_NL__2PRFIN20090805_221128_000000582081_00230_38861_6089.N1	05-AUG-2009 22:11:28	Straylight	57.500	63	Bet Gru	2.1500	2800.0	115	38861	No
243	GOM_NL__2PRFIN20090805_221616_000000592081_00230_38861_6090.N1	05-AUG-2009 22:16:16	Tw_i_and_stray	59.000	18	24Alp PsA	1.1660	9700.0	118	38861	No
244	GOM_NL__2PRFIN20090805_222254_000000462081_00230_38861_6091.N1	05-AUG-2009 22:22:54	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	38861	No
245	GOM_NL__2PRFIN20090805_222648_000000492081_00230_38861_6092.N1	05-AUG-2009 22:26:48	Bright	49.000	154	22Bet Aqr	2.8990	5700.0	98	38861	No
246	GOM_NL__2PRFIN20090805_223904_000000382081_00230_38861_6093.N1	05-AUG-2009 22:39:04	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	38861	No
247	GOM_NL__2PRFIN20090805_224214_000000382081_00230_38861_6094.N1	05-AUG-2009 22:42:14	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	38861	No
248	GOM_NL__2PRFIN20090805_224740_000000402081_00230_38861_6095.N1	05-AUG-2009 22:47:40	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38861	No
249	GOM_NL__2PRFIN20090805_225340_000000732081_00230_38861_6096.N1	05-AUG-2009 22:53:40	Bright	73.000	74	11Bet Cas	2.2680	6600.0	146	38861	No
250	GOM_NL__2PRFIN20090805_225544_000000512081_00230_38861_6097.N1	05-AUG-2009 22:55:44	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	38861	No
251	GOM_NL__2PRFIN20090805_230229_000000532081_00230_38861_6098.N1	05-AUG-2009 23:02:29	Bright	52.500	160	23Gam Per	2.9300	4700.0	105	38861	No
252	GOM_NL__2PRFIN20090805_230414_000000542081_00230_38861_6099.N1	05-AUG-2009 23:04:14	Bright	54.000	35	33Alp Per	1.7950	6250.0	108	38861	No
253	GOM_NL__2PRFIN20090805_230638_000000442081_00230_38861_6100.N1	05-AUG-2009 23:06:38	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	38861	No
254	GOM_NL__2PRFIN20090805_230829_000000502081_00230_38861_6101.N1	05-AUG-2009 23:08:29	Bright	50.000	149	45Eps Per	2.8880	30000.	100	38861	No
255	GOM_NL__2PRFIN20090805_231204_000000472081_00230_38861_6102.N1	05-AUG-2009 23:12:04	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	38861	No
256	GOM_NL__2PRFIN20090805_231657_000000572081_00230_38861_6103.N1	05-AUG-2009 23:16:57	Dark	56.500	13	87Alp Tau	0.86700	3800.0	113	38861	No
257	GOM_NL__2PRFIN20090805_232245_000000462081_00230_38861_6104.N1	05-AUG-2009 23:22:45	Dark	45.500	128	67Bet Eri	2.7840	9700.0	91	38861	No
258	GOM_NL__2PRFIN20090805_232838_000000602081_00230_38861_6105.N1	05-AUG-2009 23:28:38	Dark	60.000	165	34Gam Eri	2.9500	3200.0	120	38861	No

3. Quality information per product

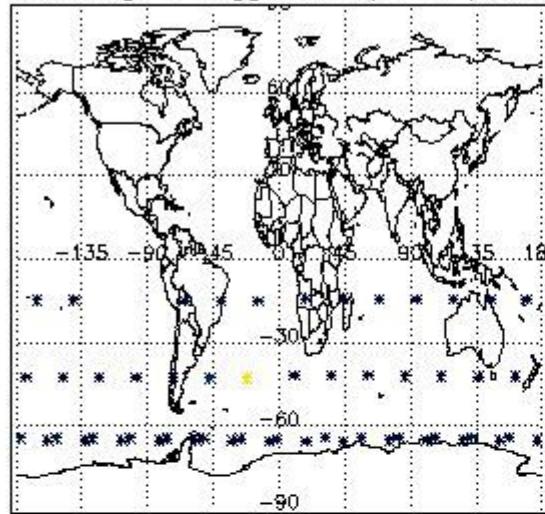
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

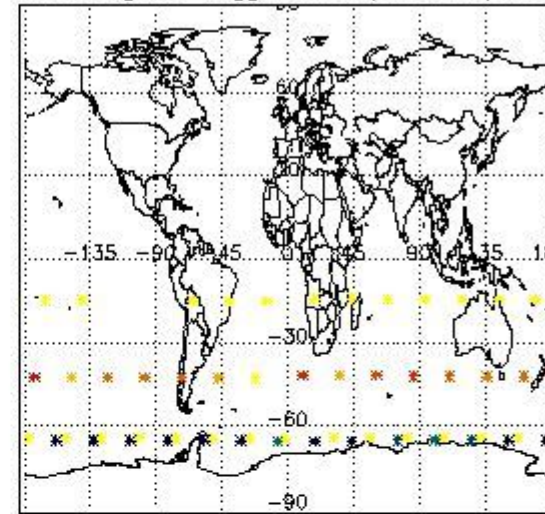


3.2 Plot quality information per product (world map)

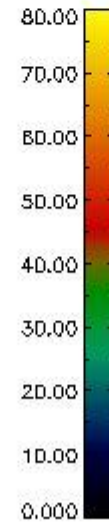
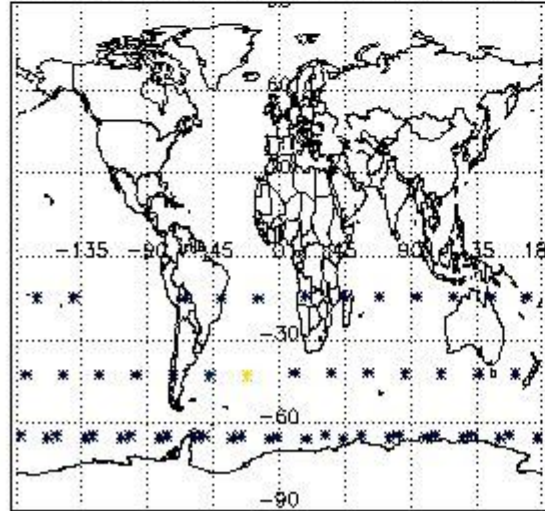
Percentage of flagged data per O3 profile



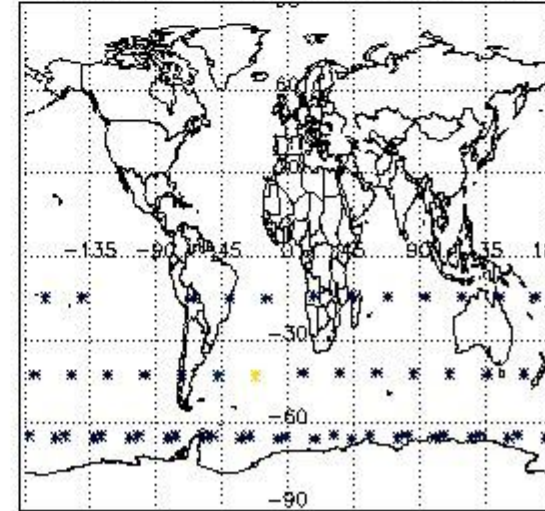
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

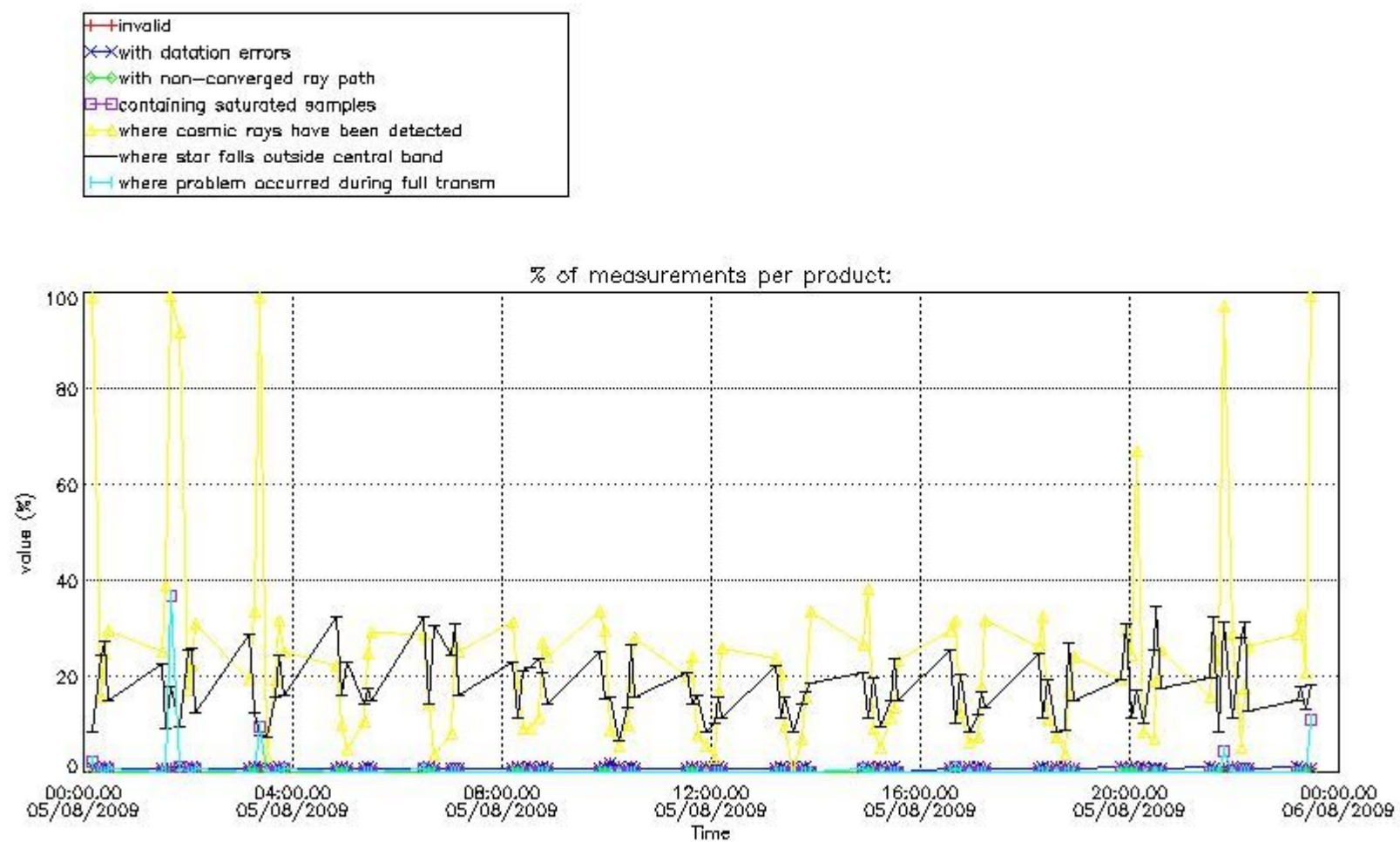


4. Level 1 quality information per product

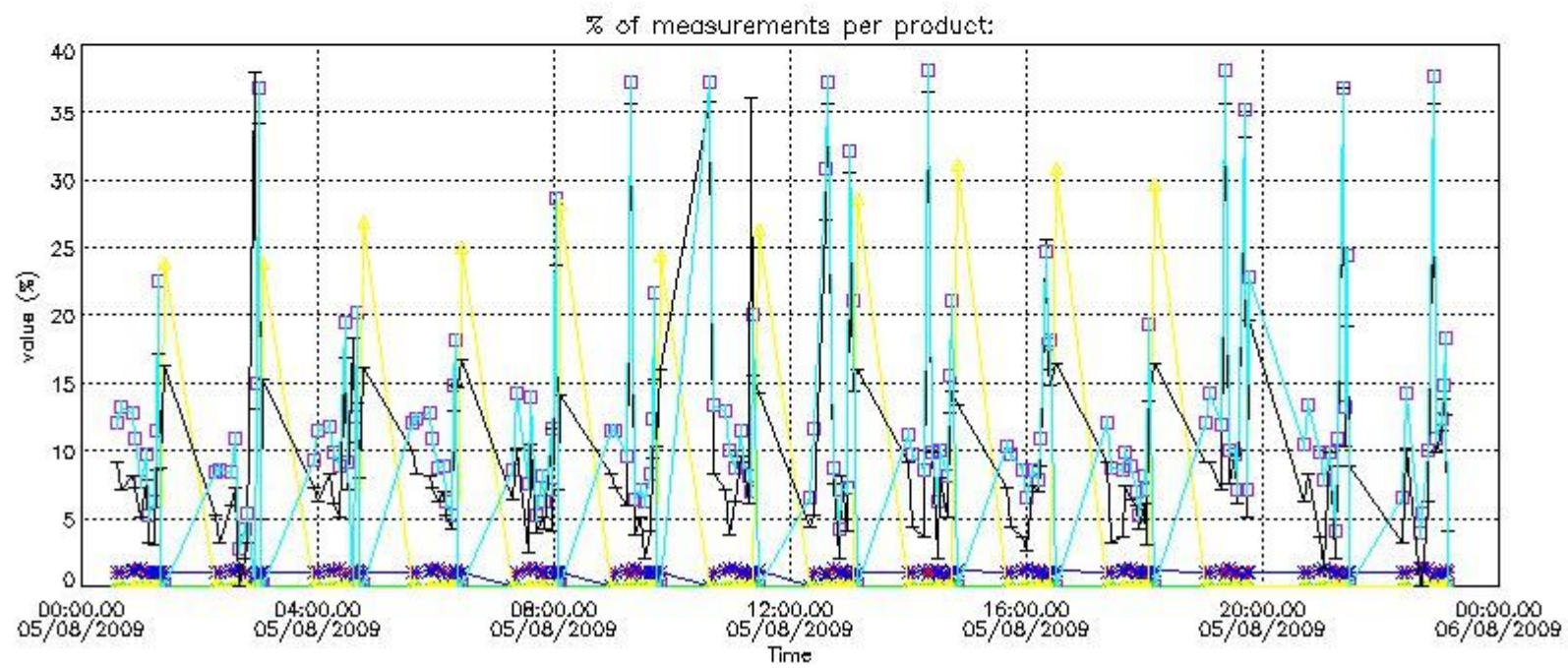
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



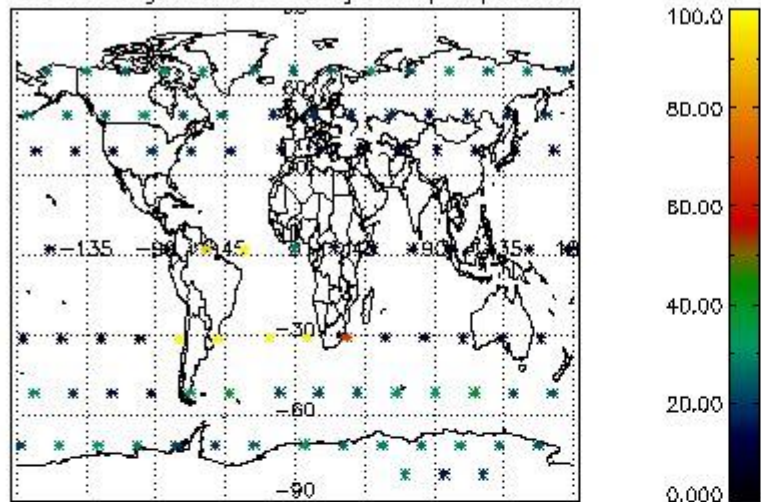
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



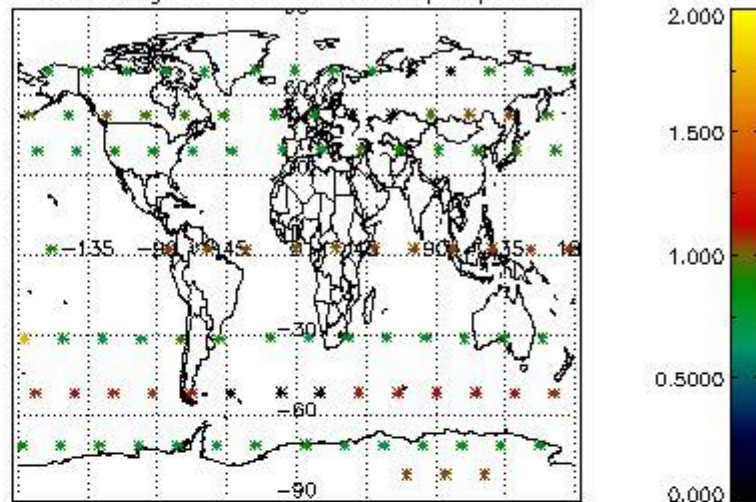
4.2 Plot quality information per product coming from level 1b processing (world map)

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

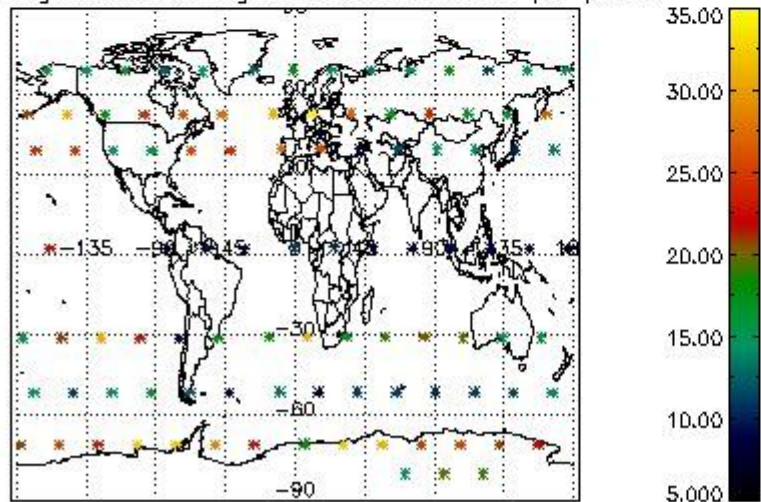
Percentage of cosmic ray hits per profile



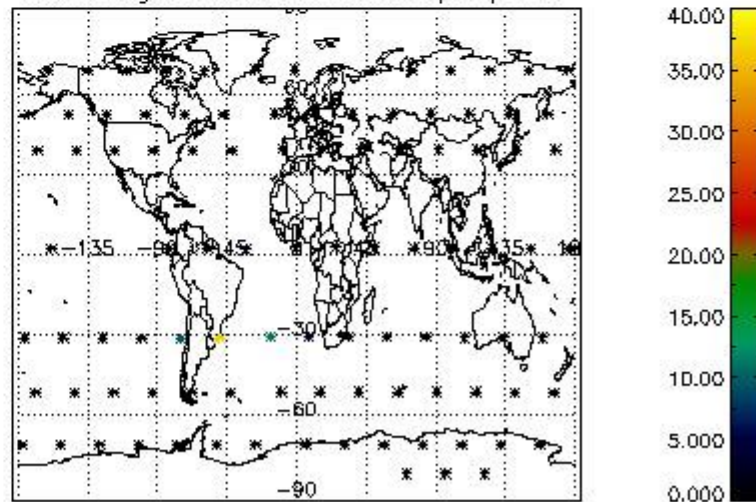
Percentage of datation errors per profile



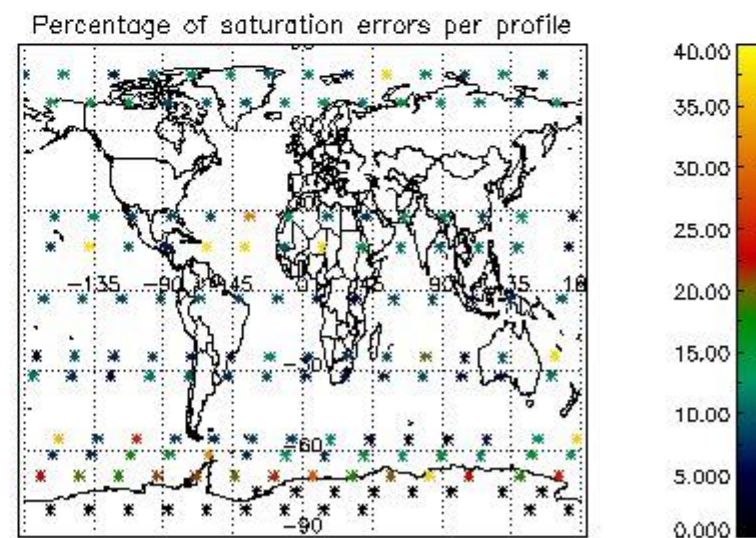
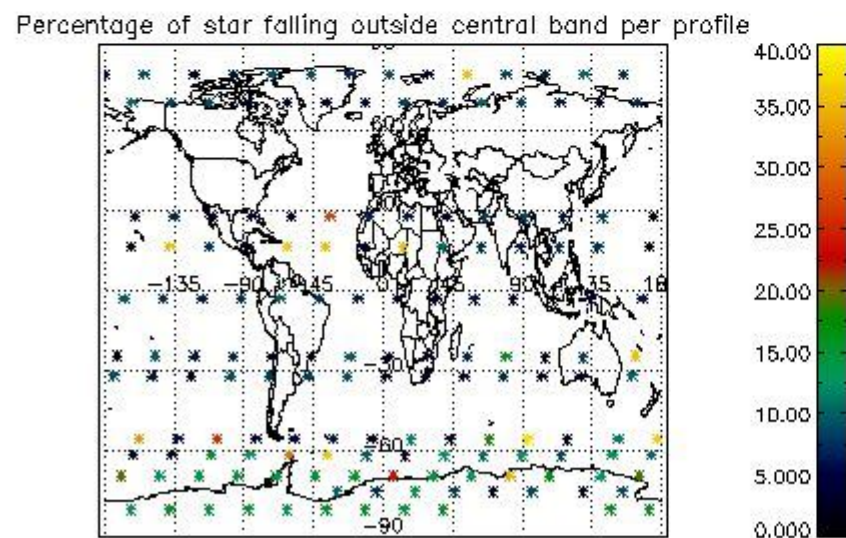
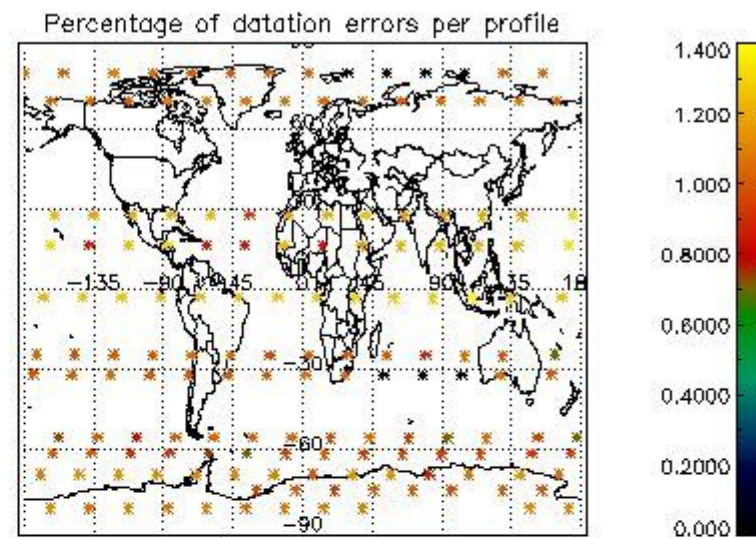
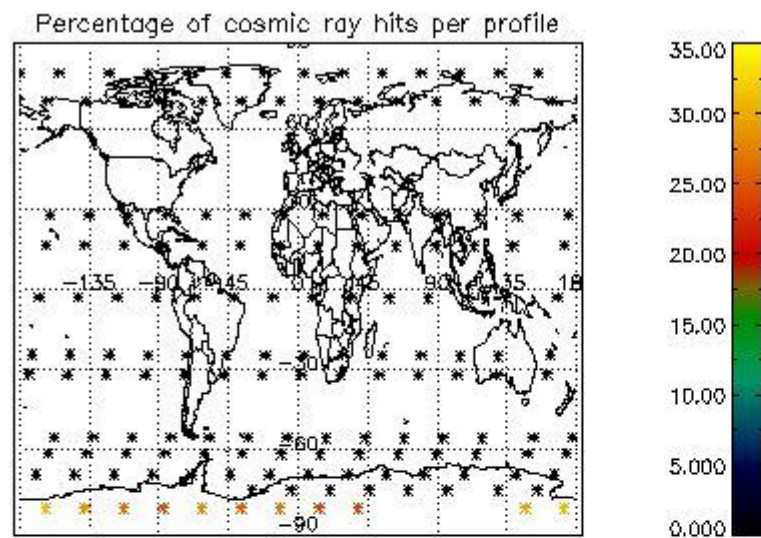
Percentage of star falling outside central band per profile



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

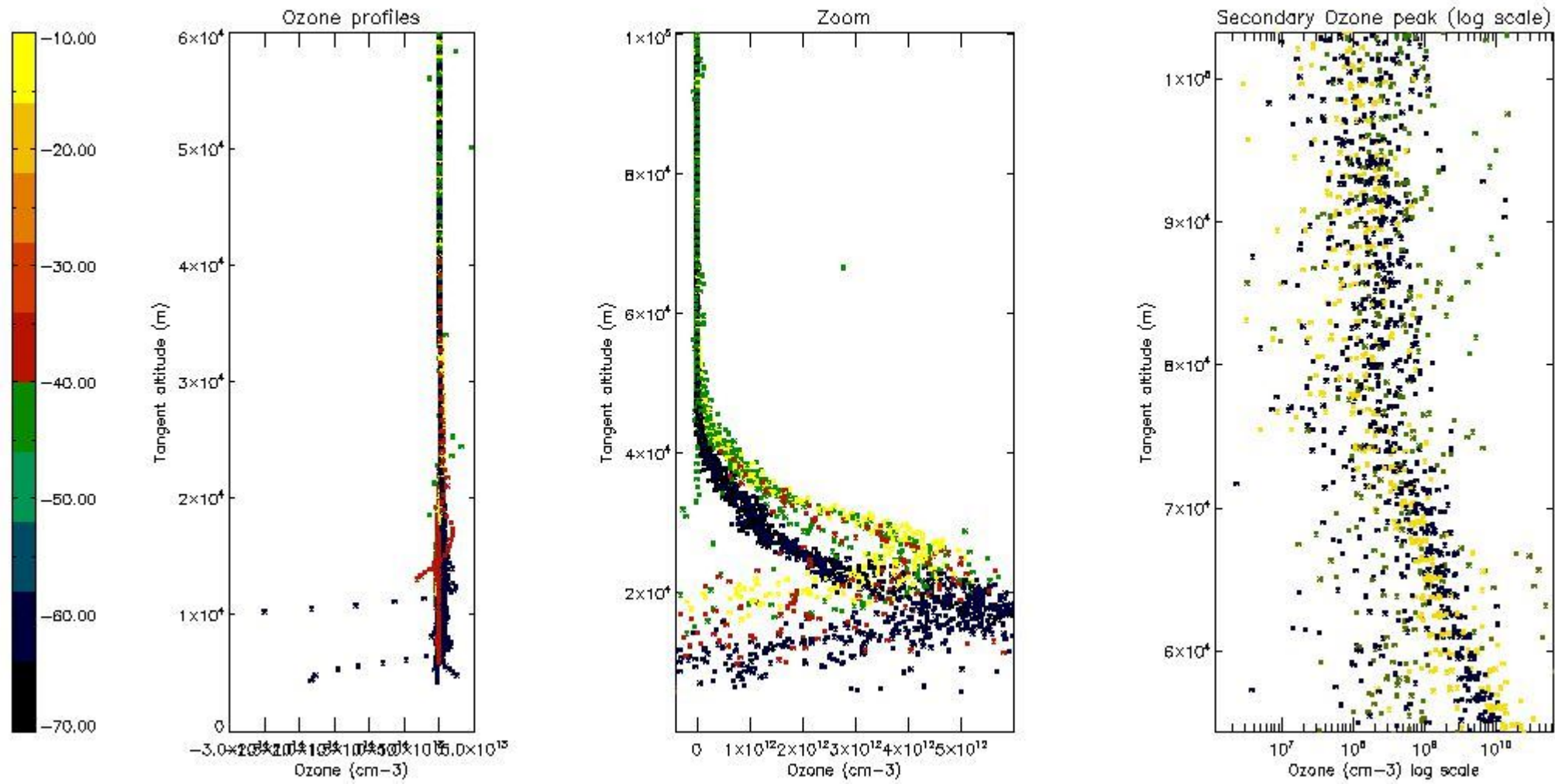
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	23
STD < 20	8

STD < 10	4
STD < 5	1

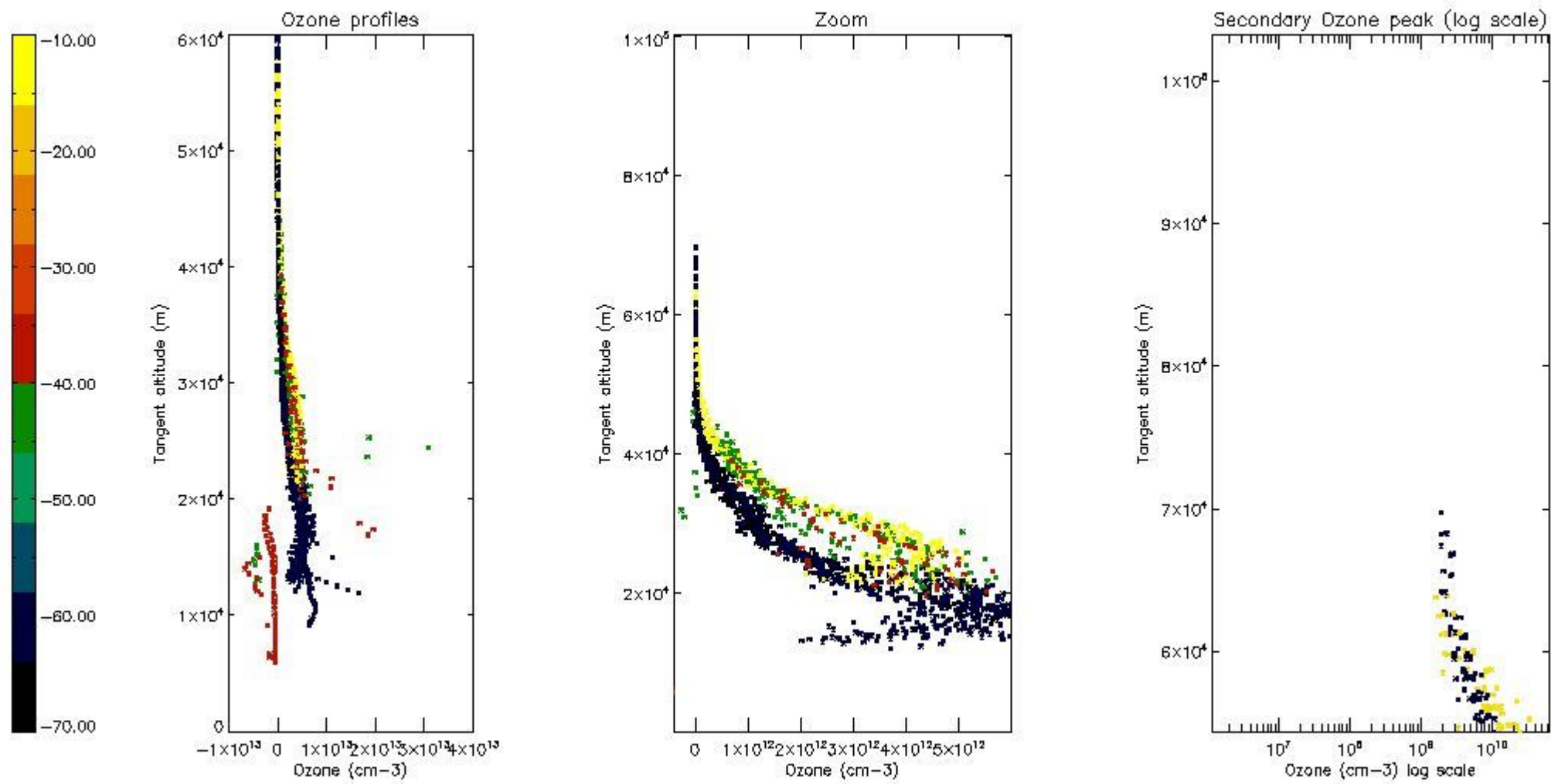
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



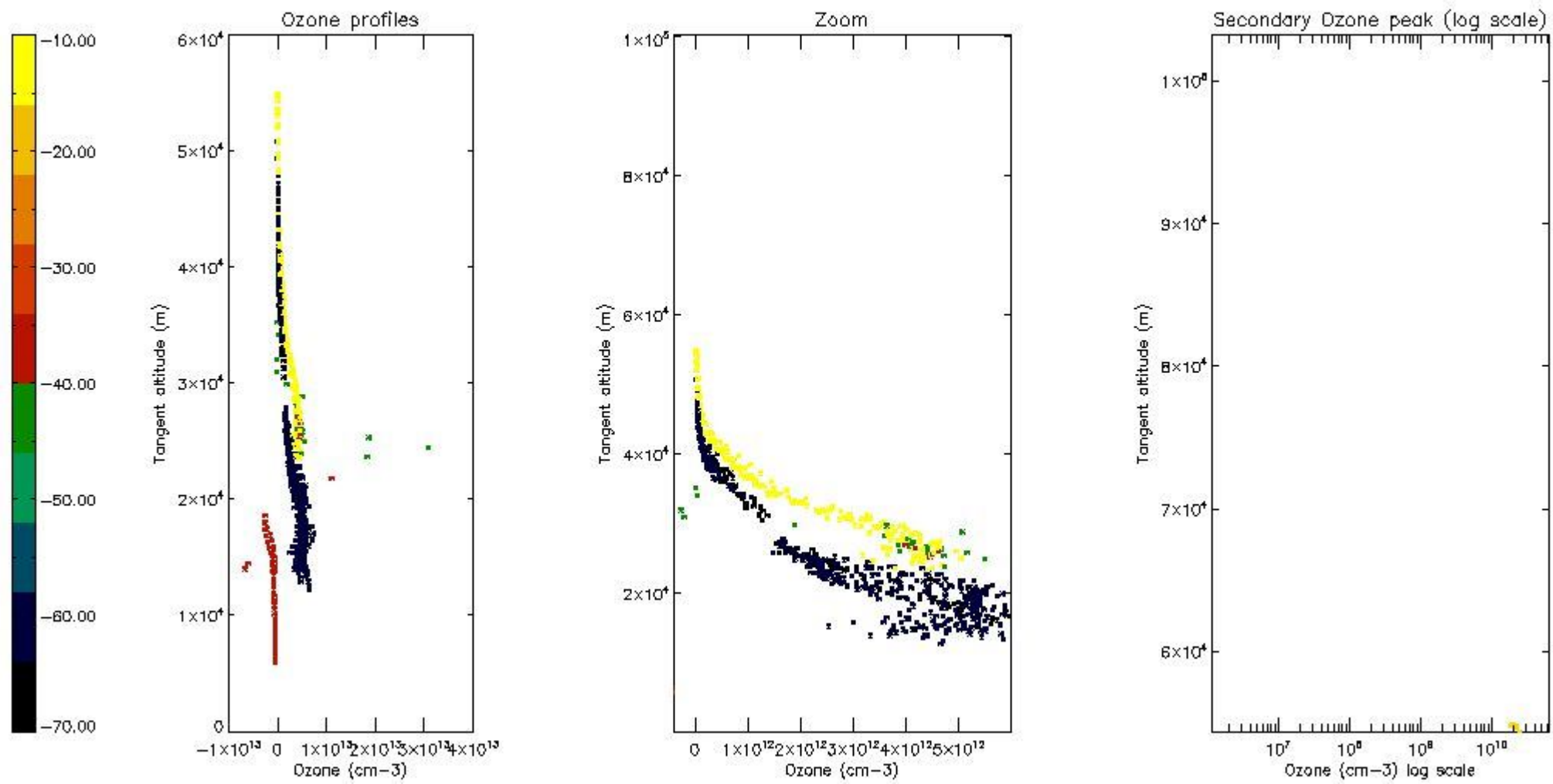
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



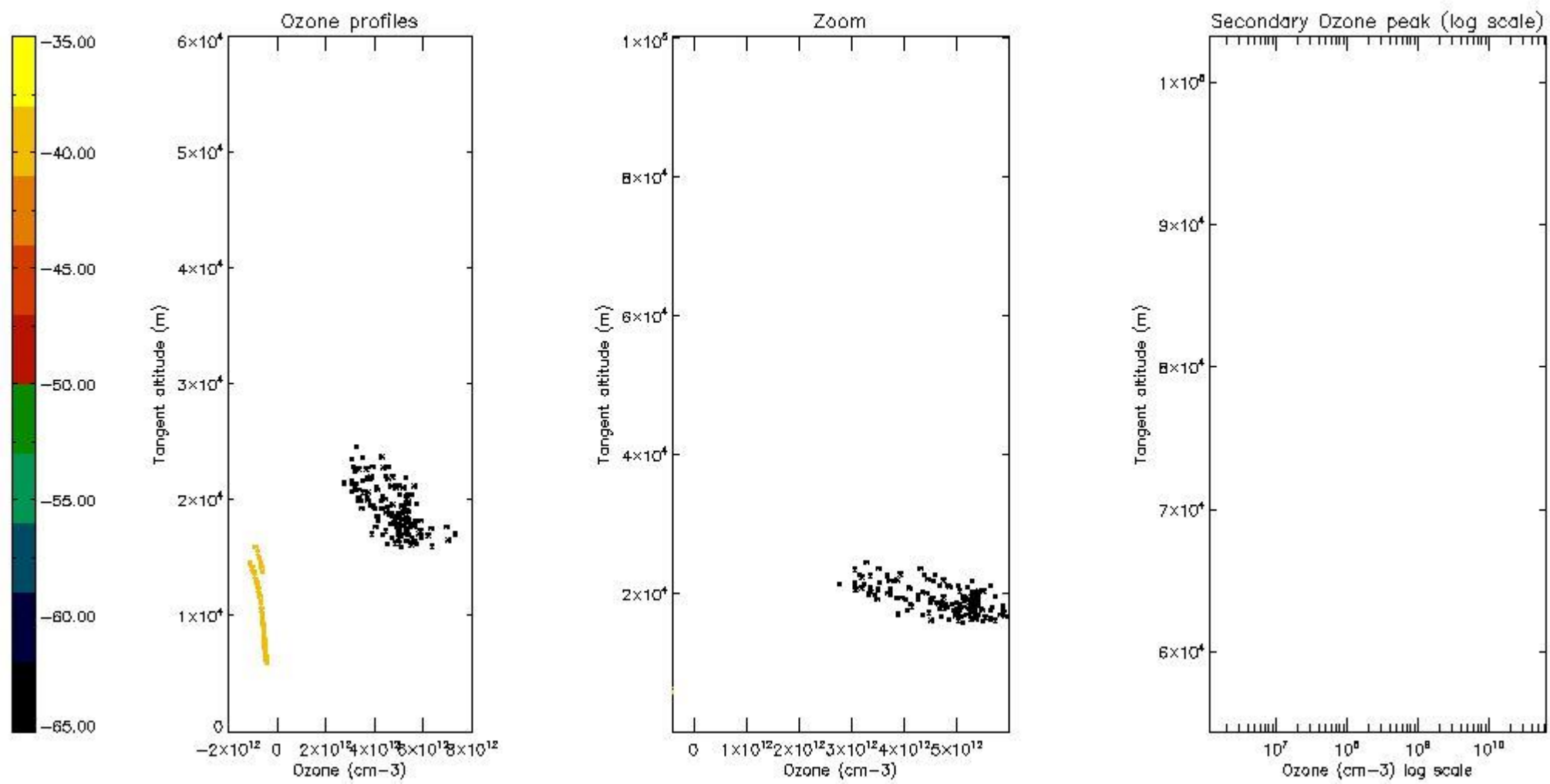
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



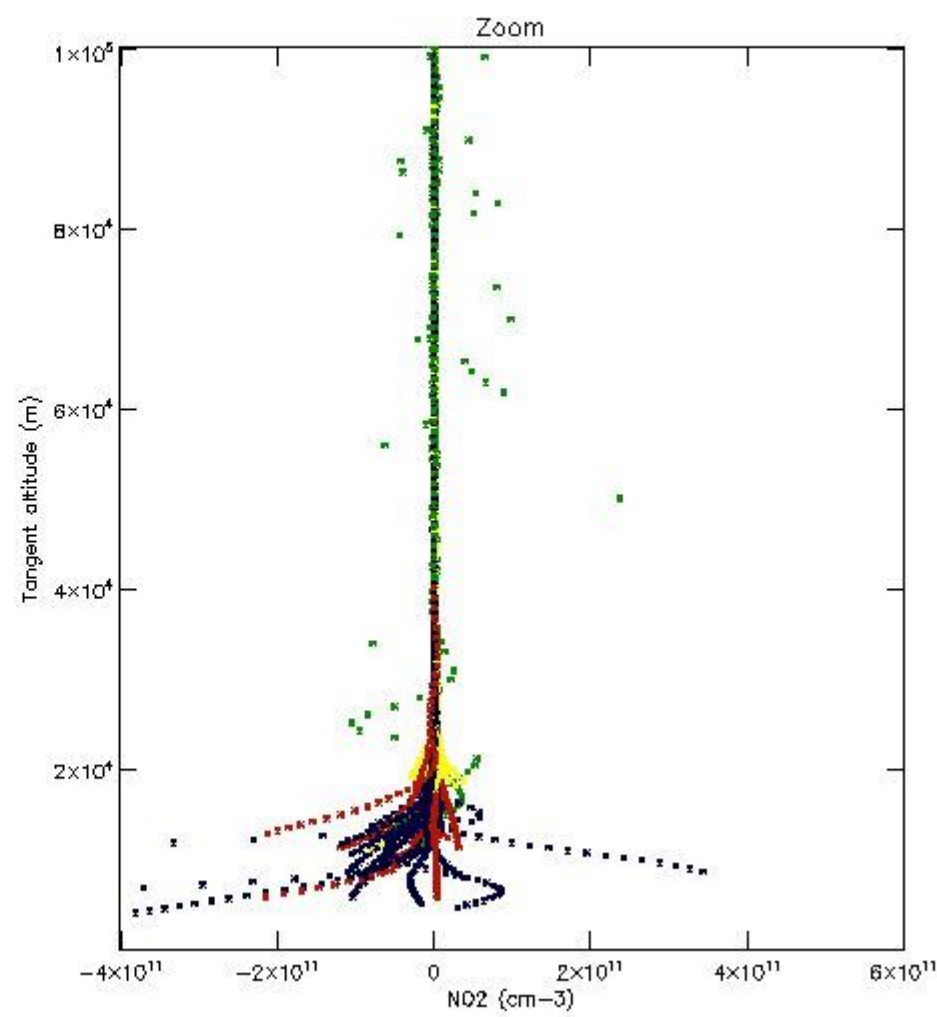
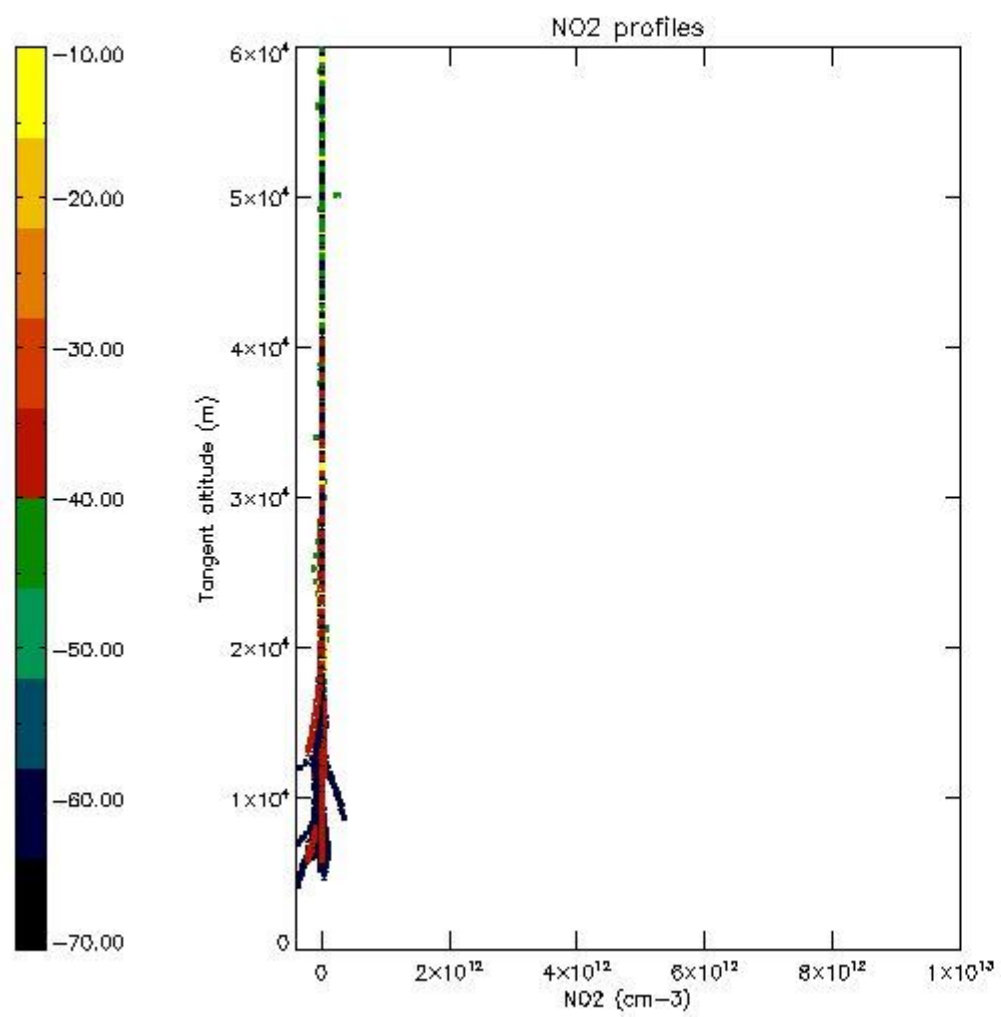
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



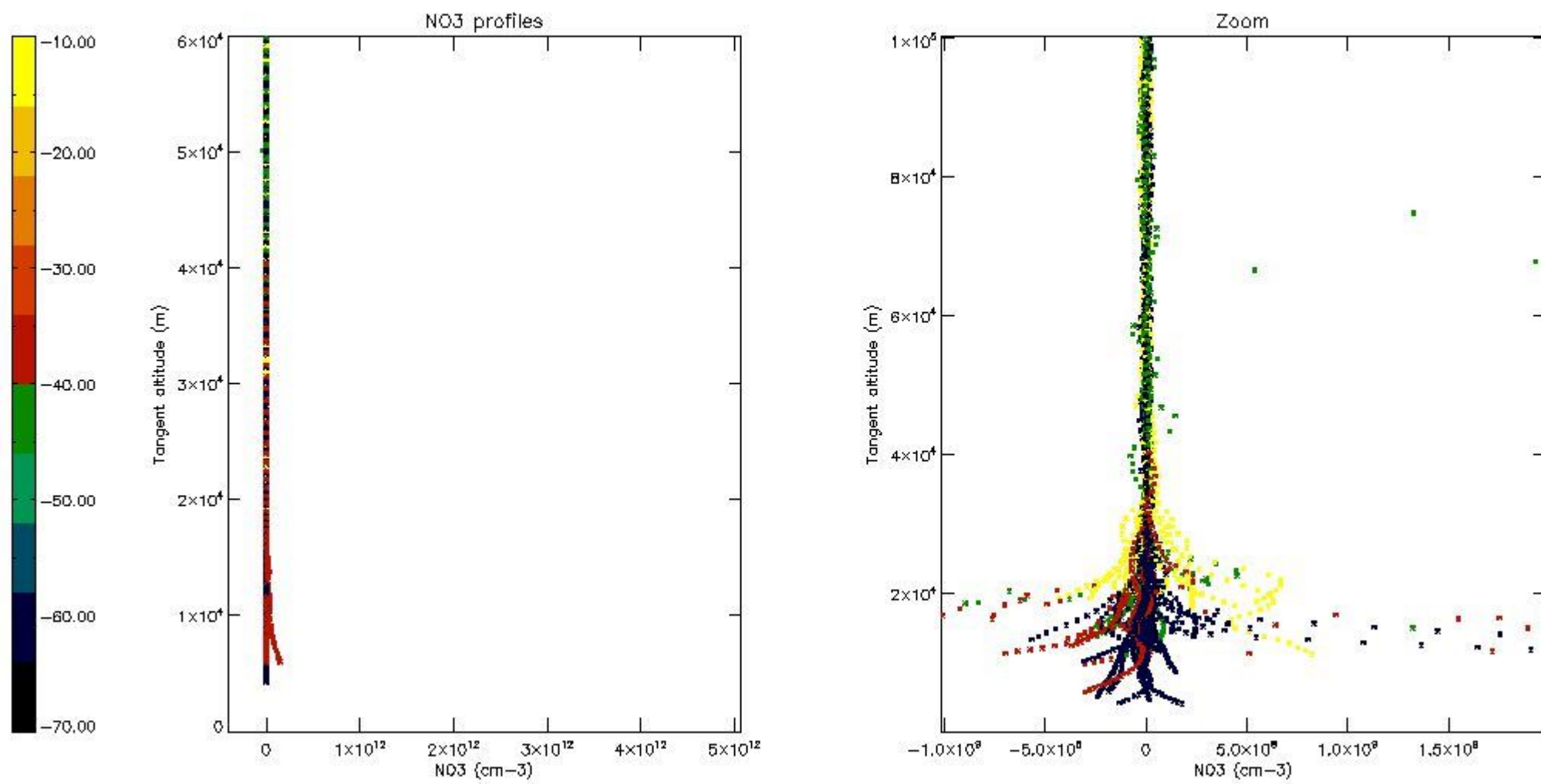
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



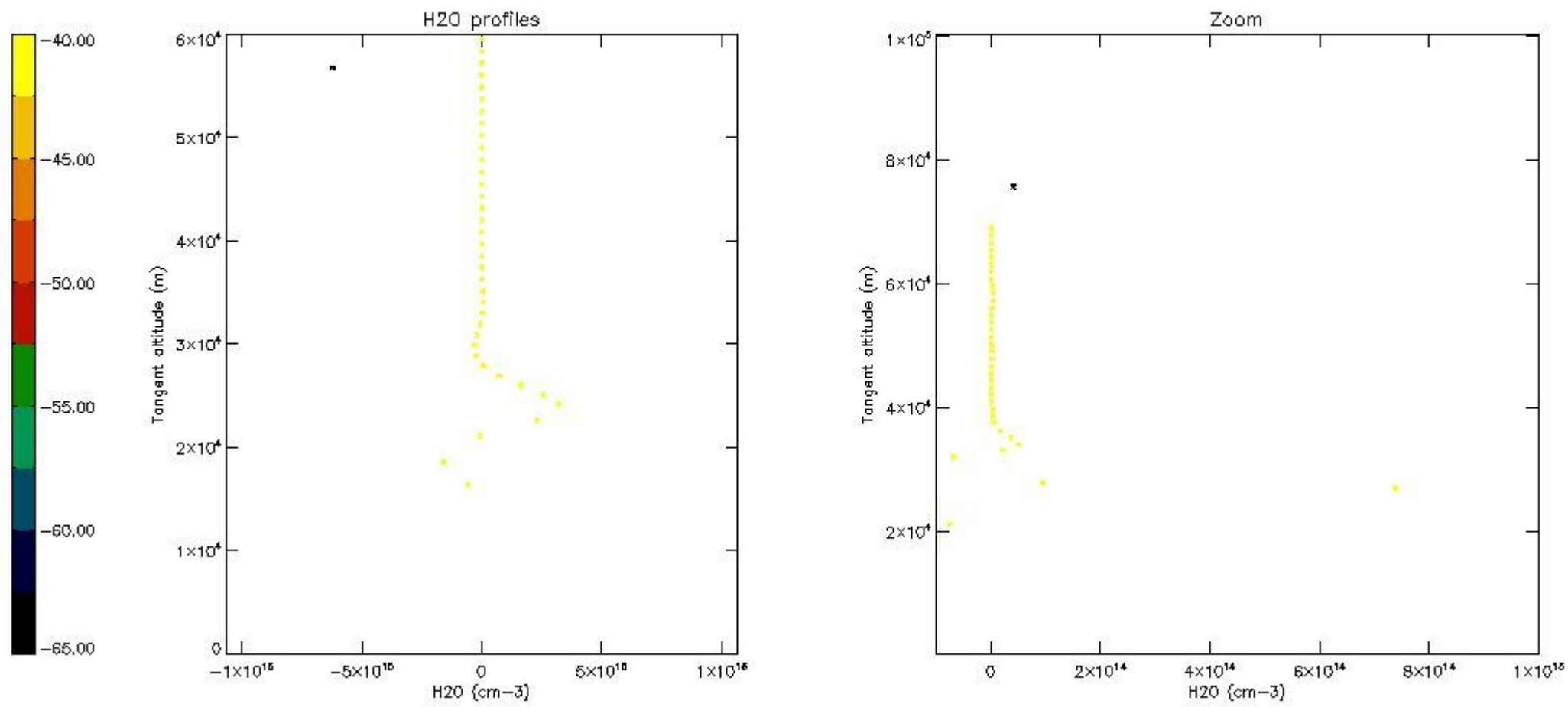
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

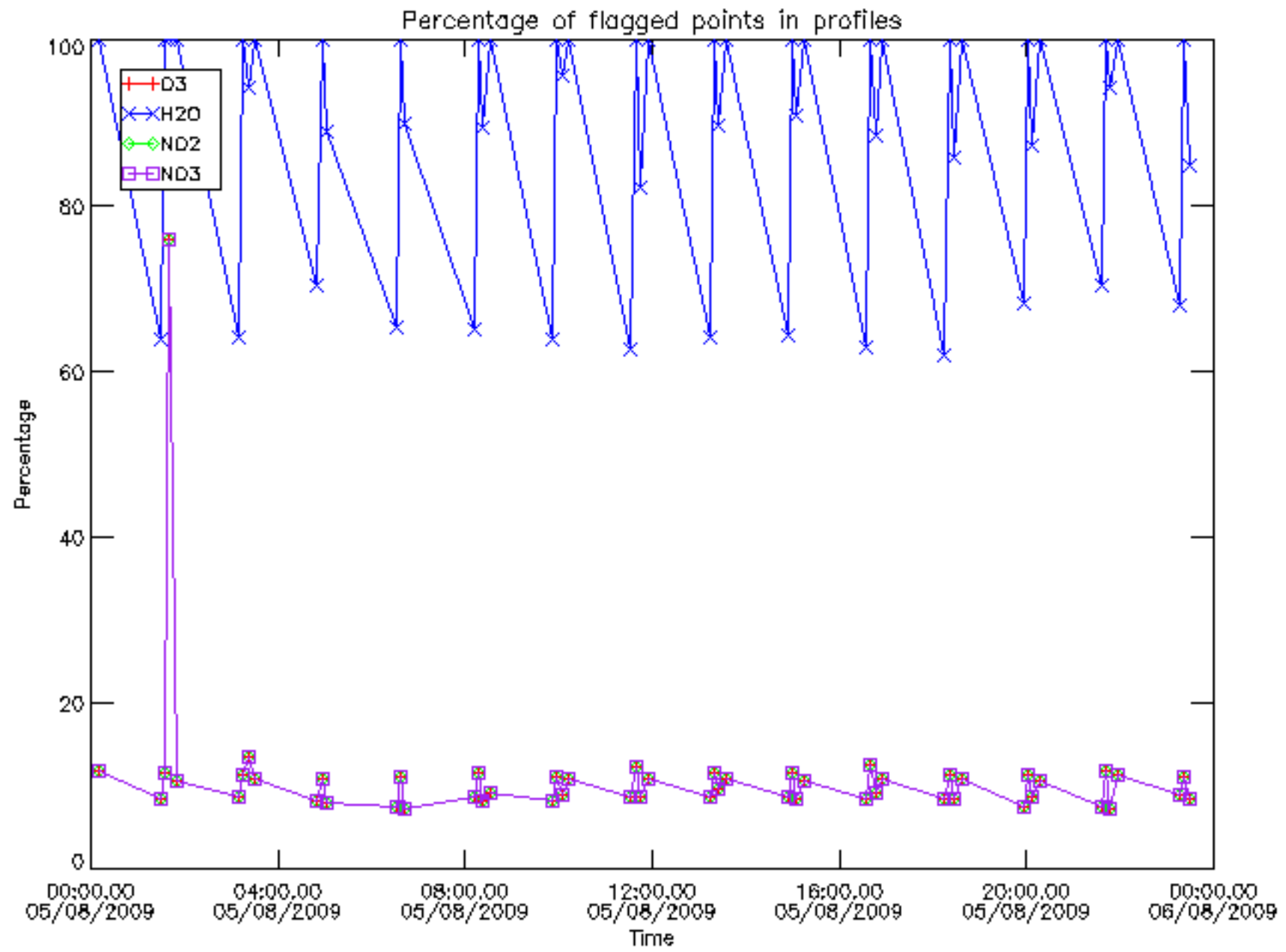
The colorbar represents the latitude.



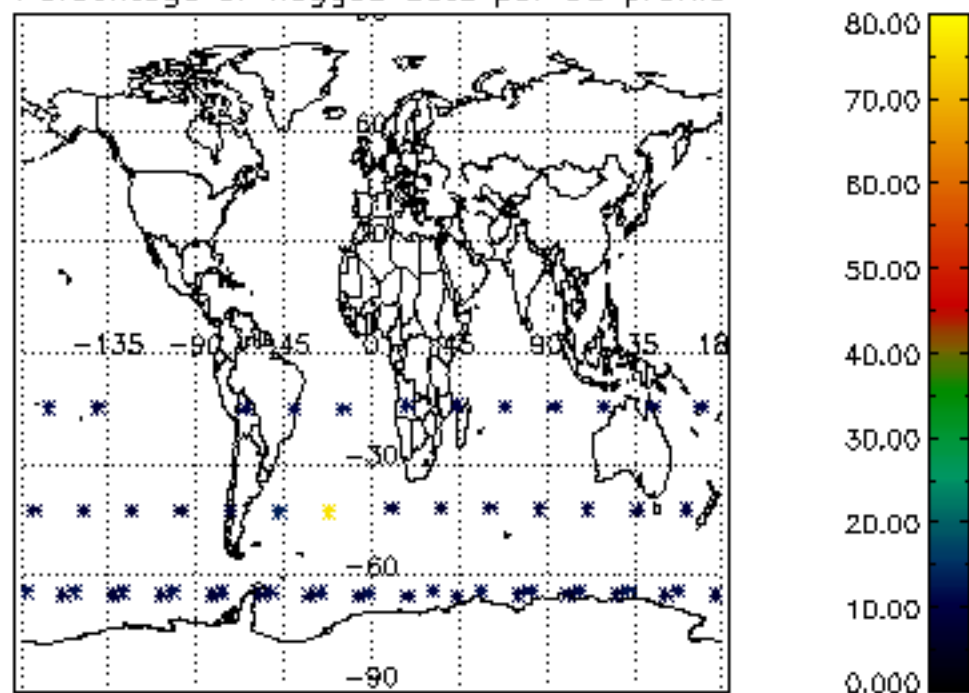
6. Auxiliary Data Files used for the production reported in section 2

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.

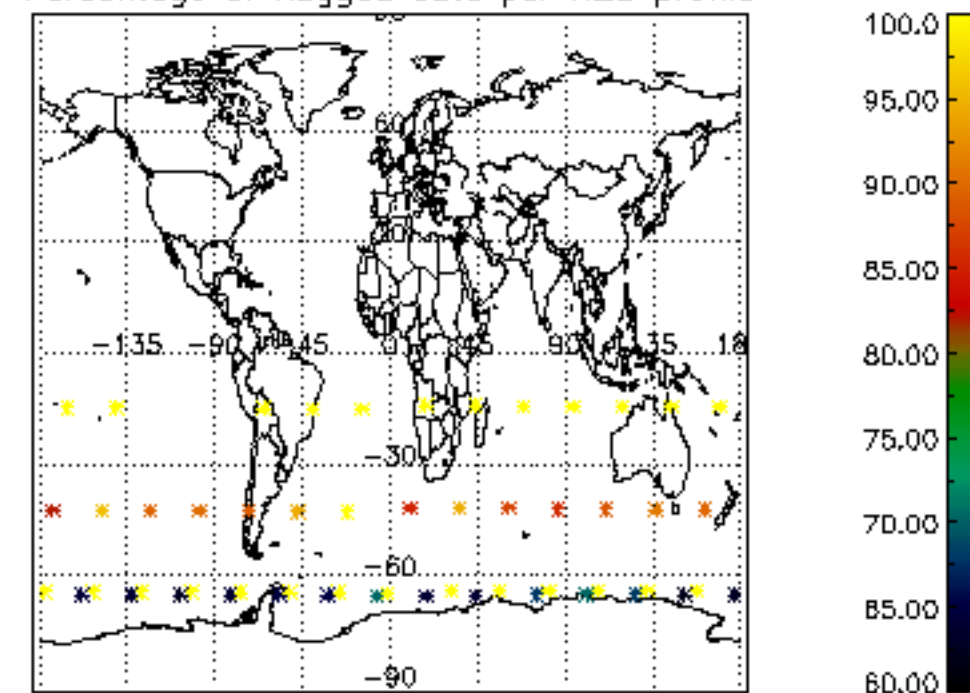
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	05-AUG-2009 00:09:23
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-AUG-2009 00:09:23
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-AUG-2009 00:09:23



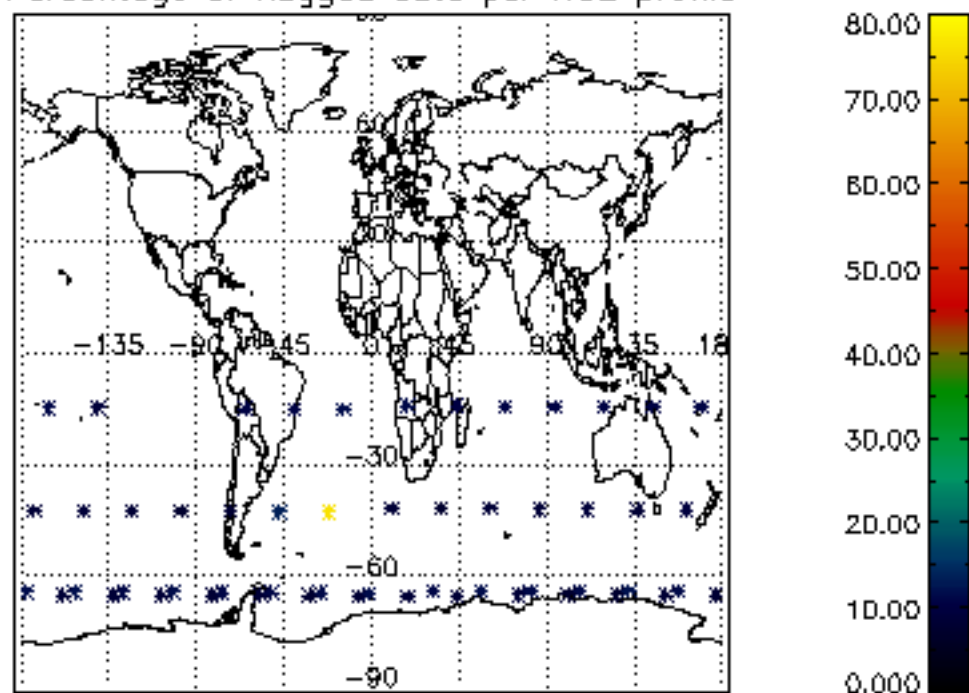
Percentage of flagged data per D3 profile



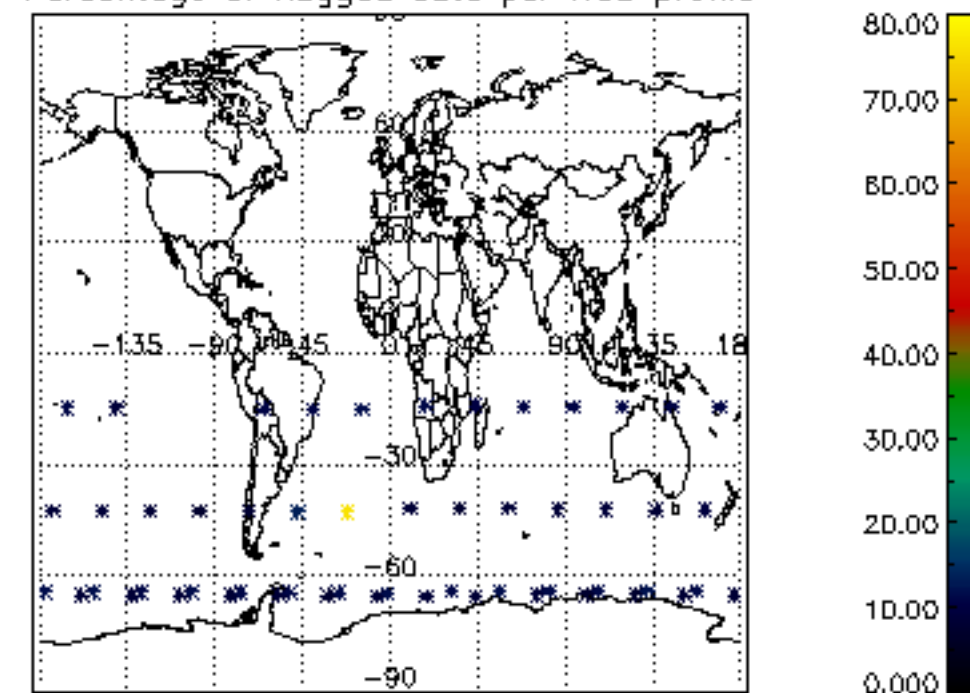
Percentage of flagged data per H2O profile

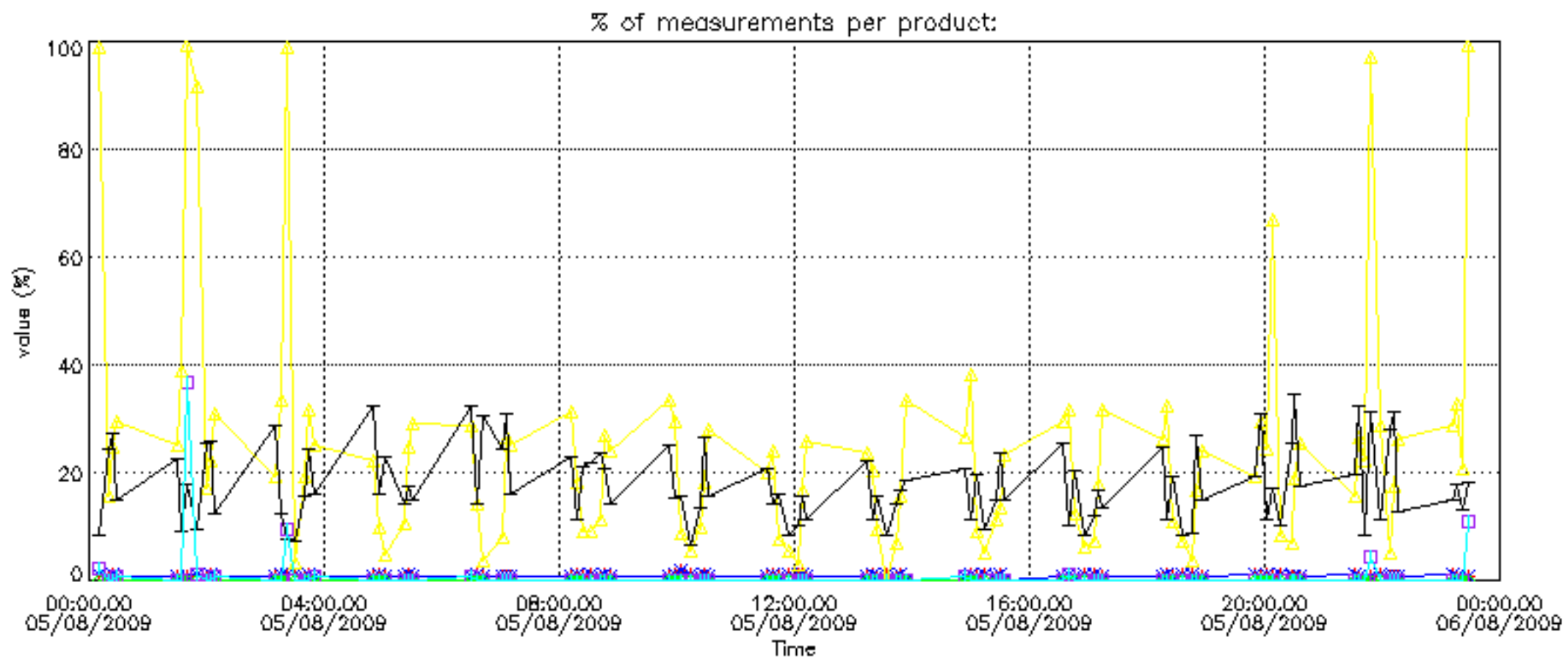


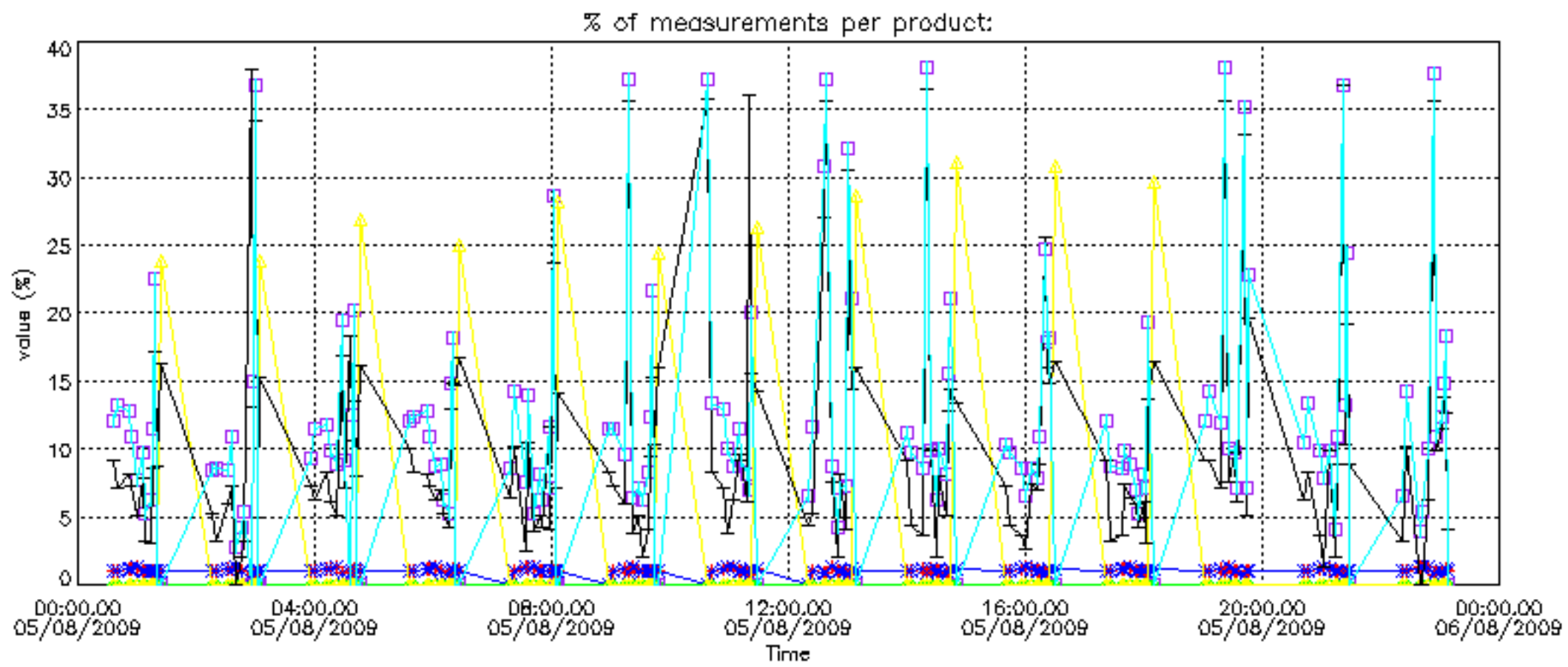
Percentage of flagged data per NO2 profile



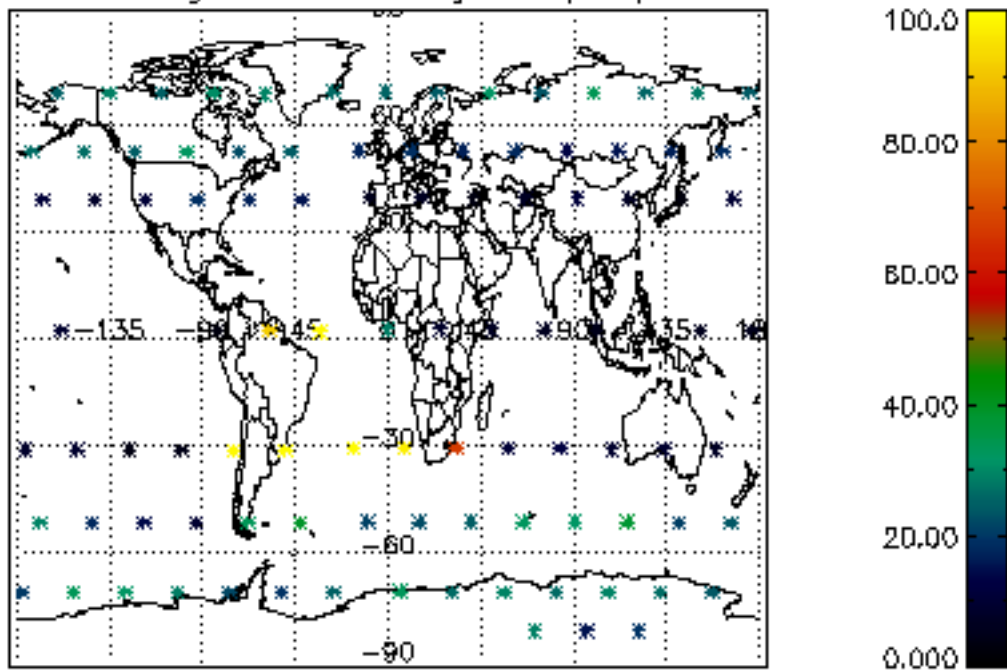
Percentage of flagged data per NO3 profile



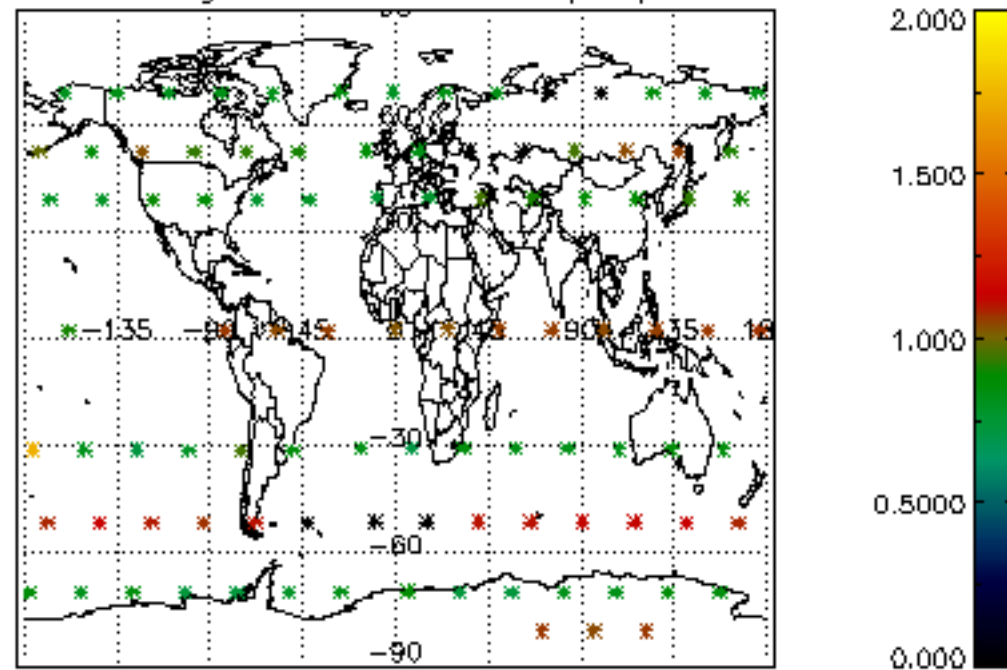




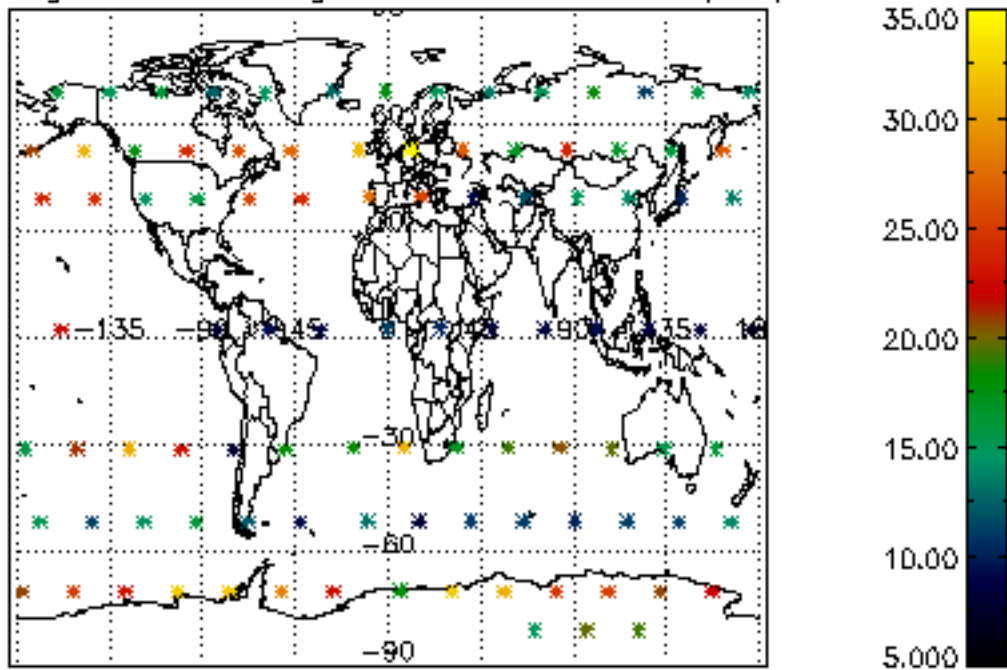
Percentage of cosmic ray hits per profile



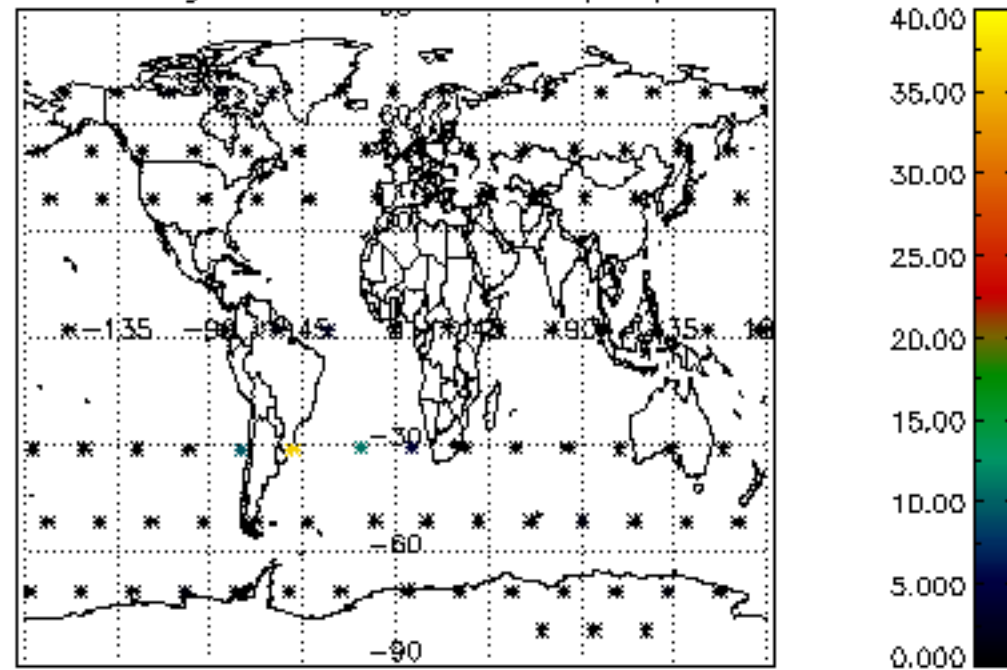
Percentage of datation errors per profile



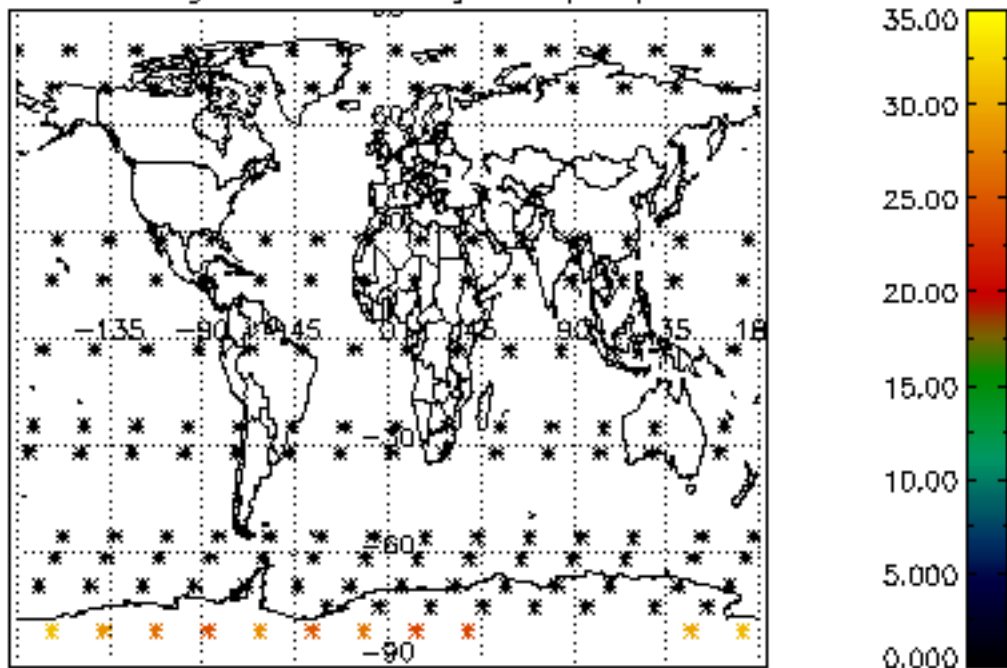
Percentage of star falling outside central band per profile



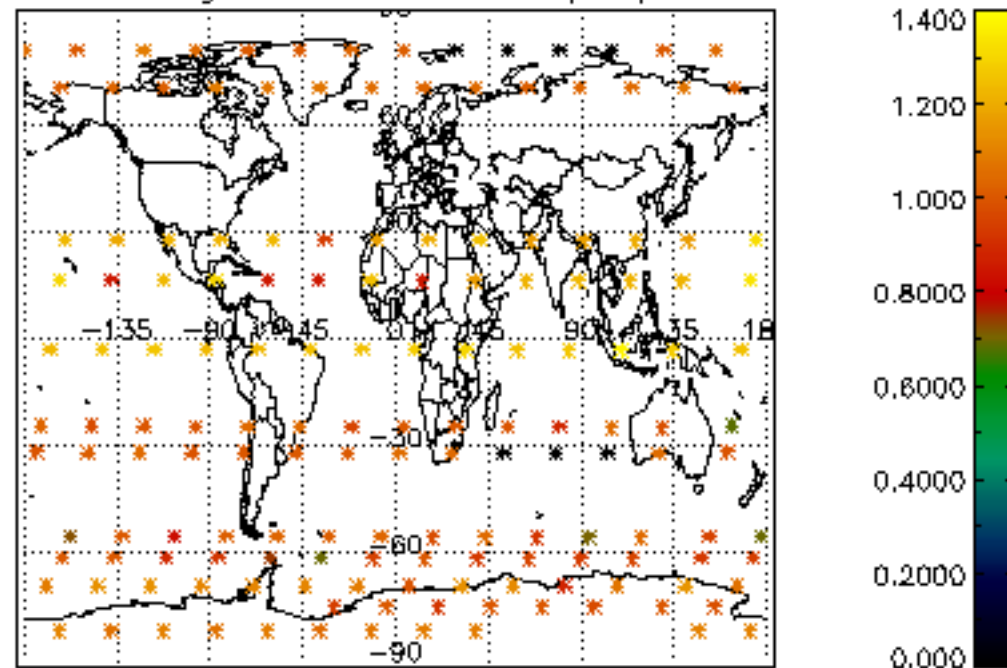
Percentage of saturation errors per profile



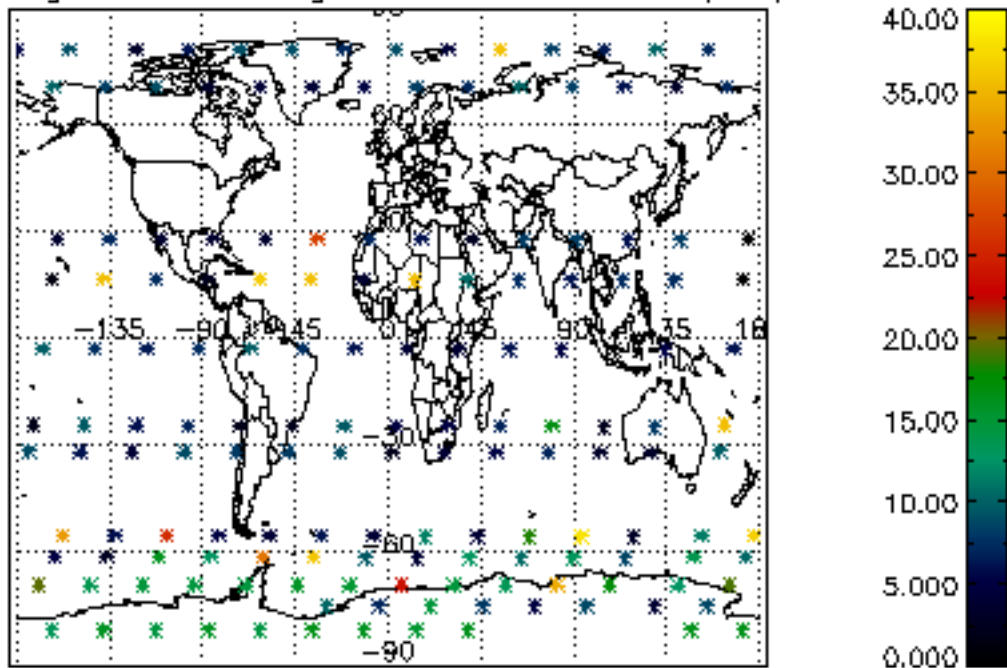
Percentage of cosmic ray hits per profile



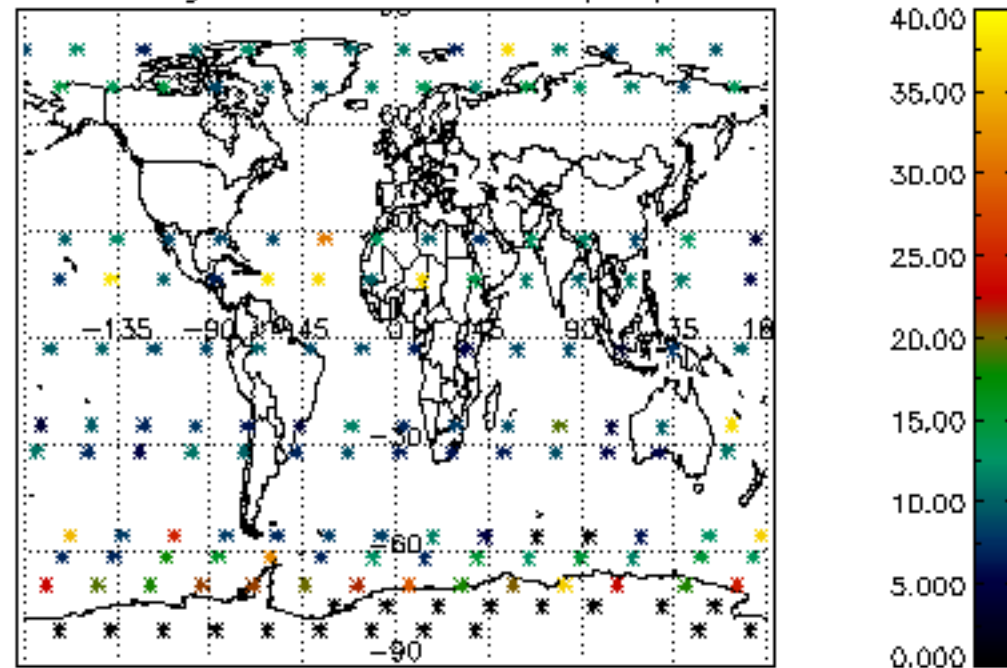
Percentage of datation errors per profile

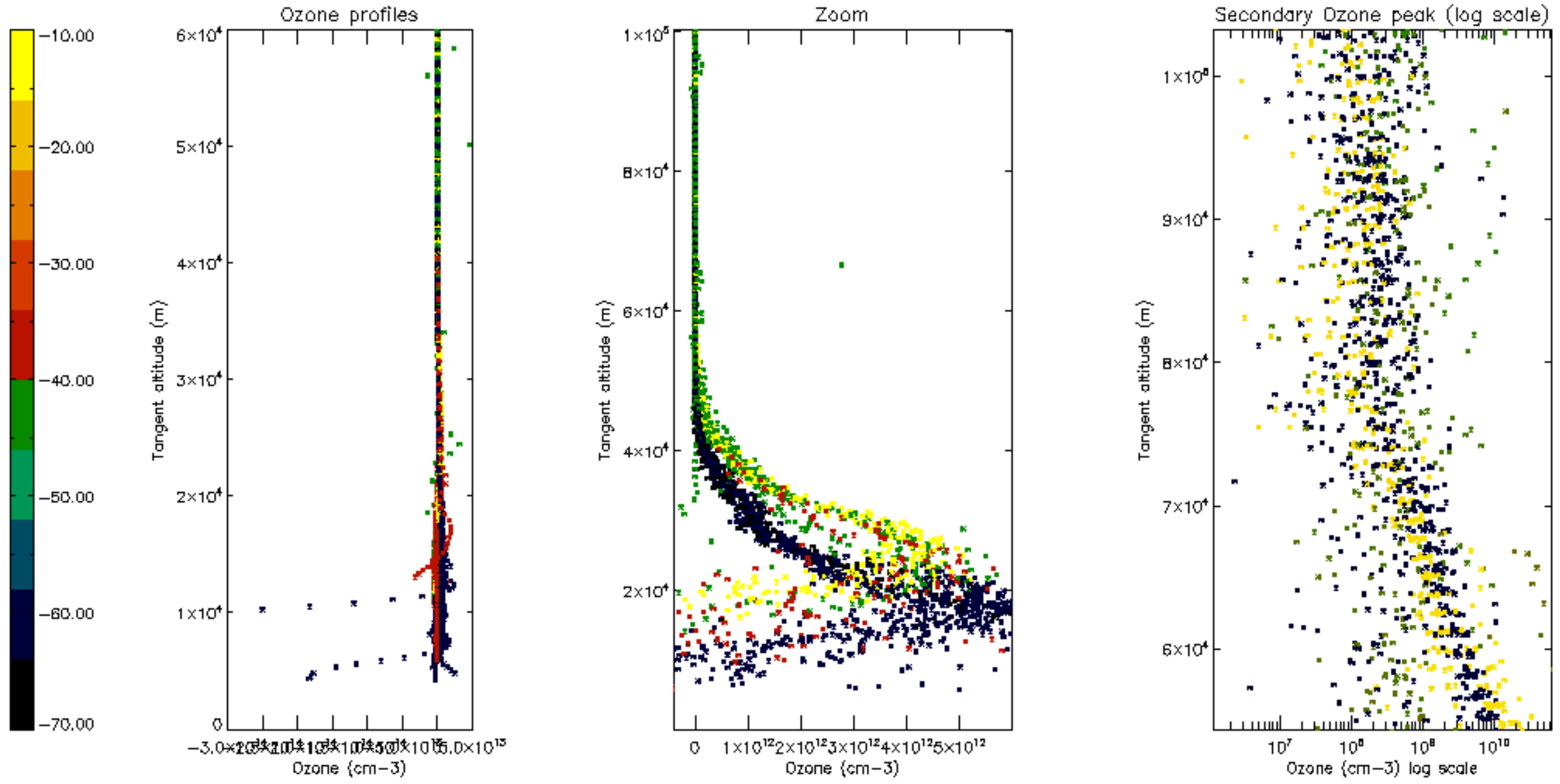


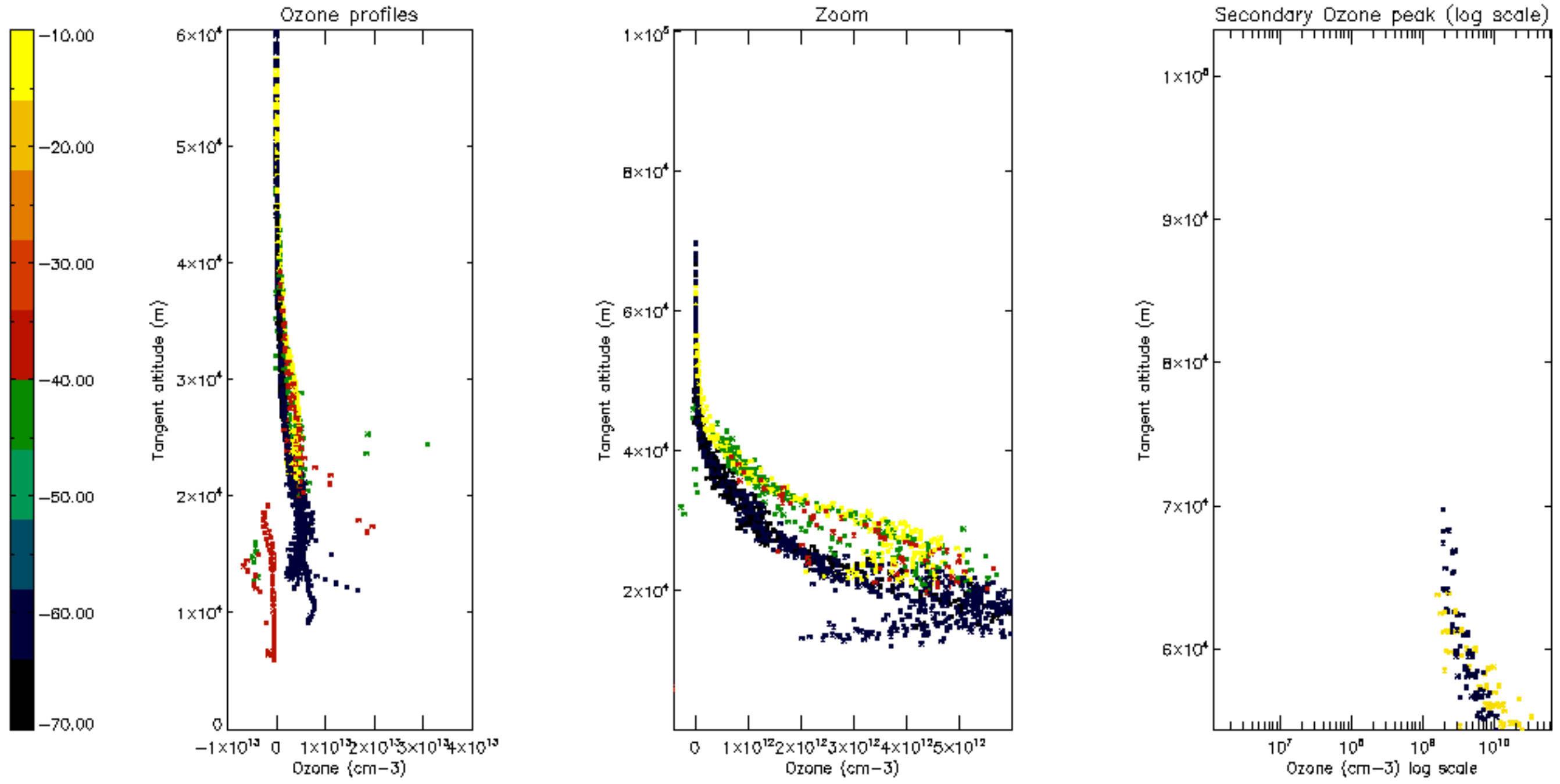
Percentage of star falling outside central band per profile

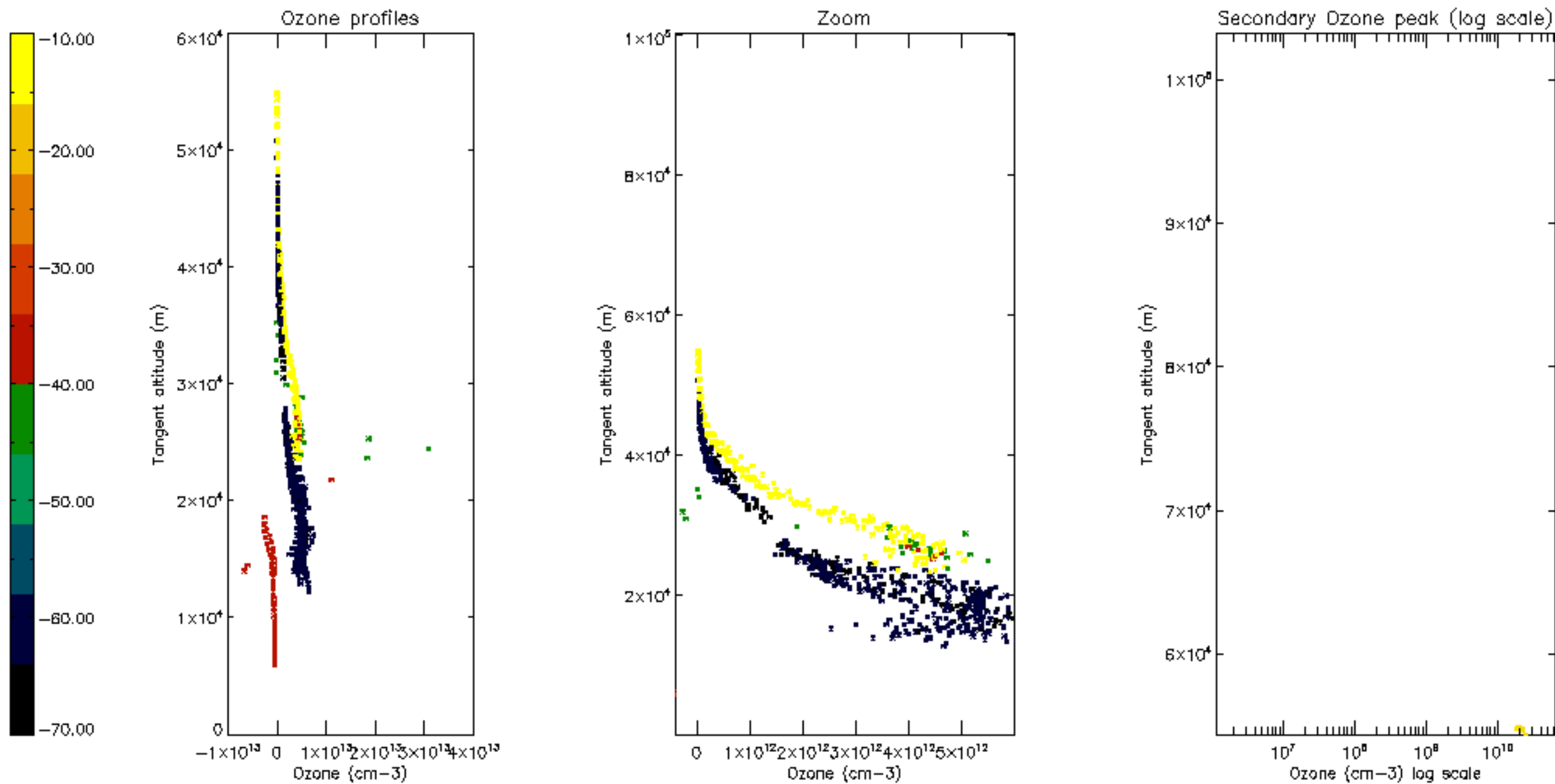


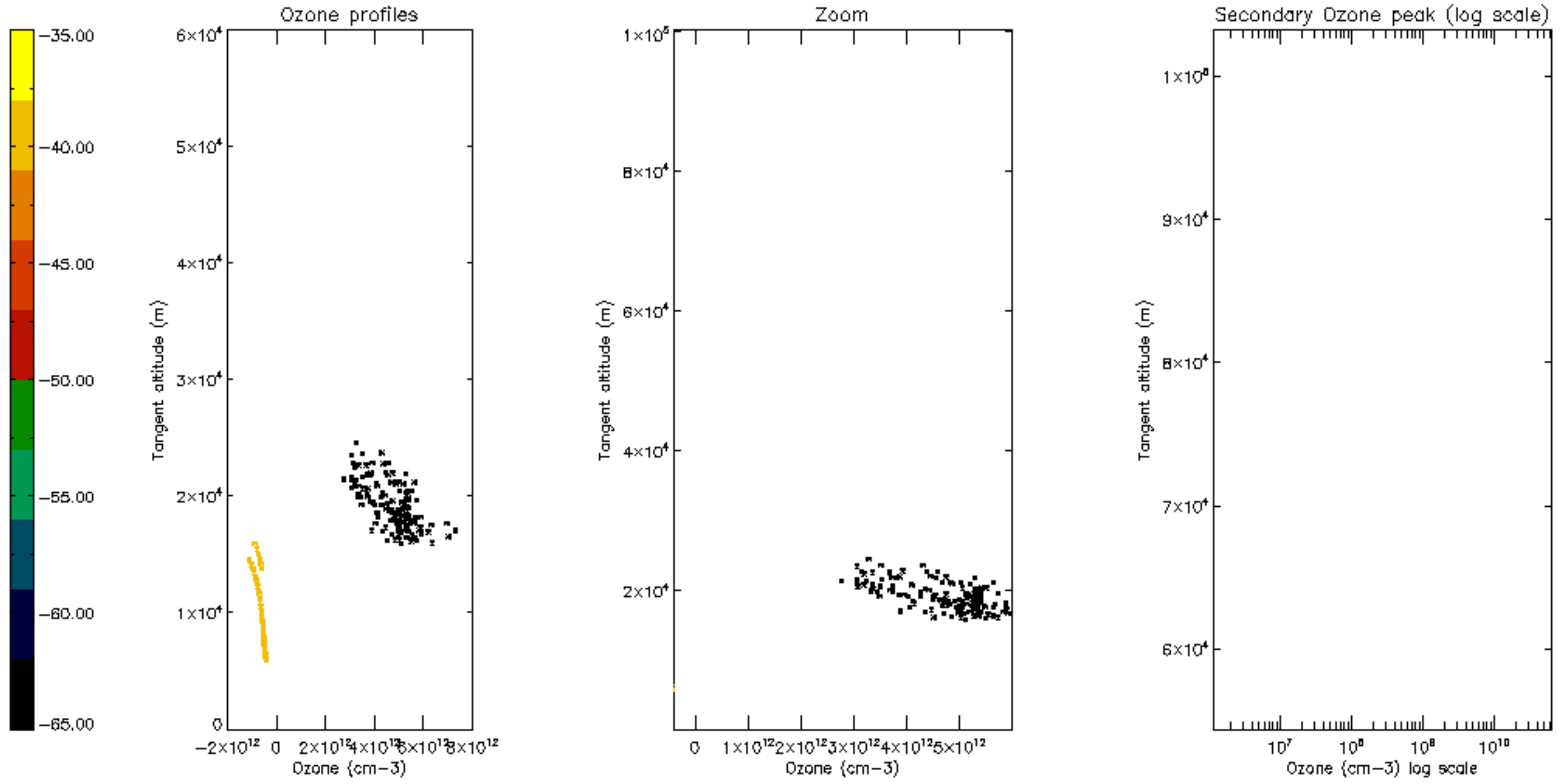
Percentage of saturation errors per profile

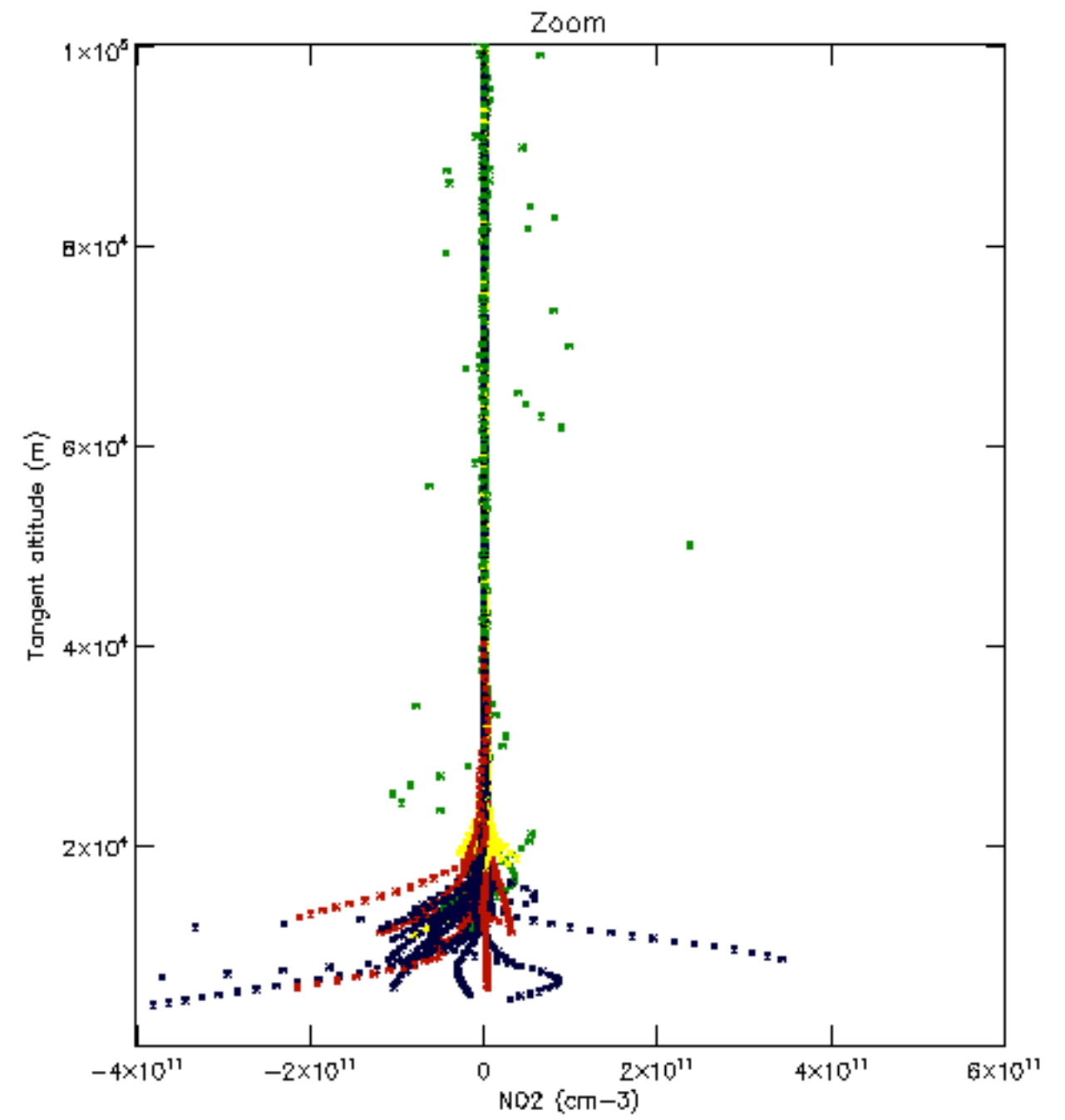
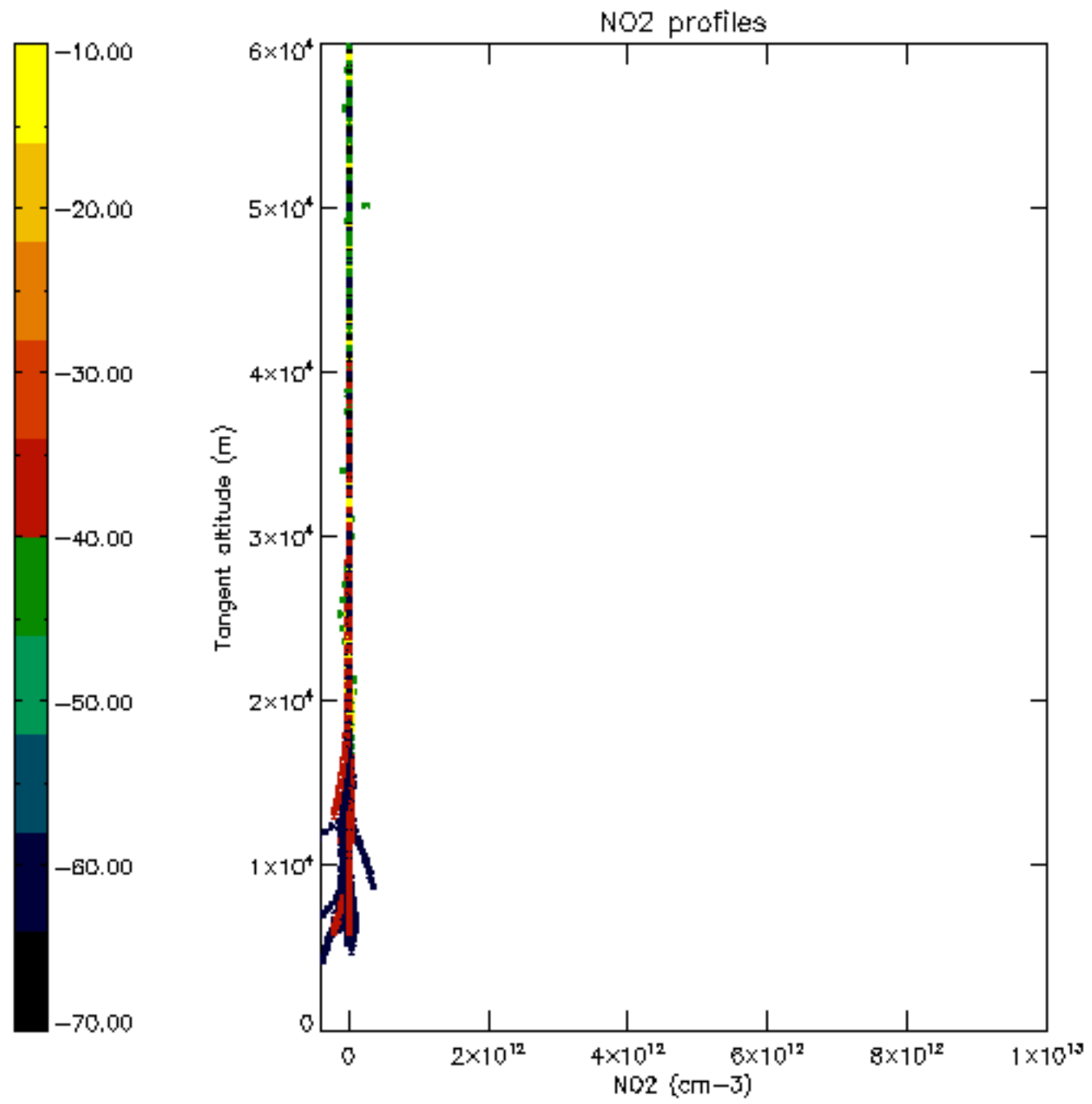


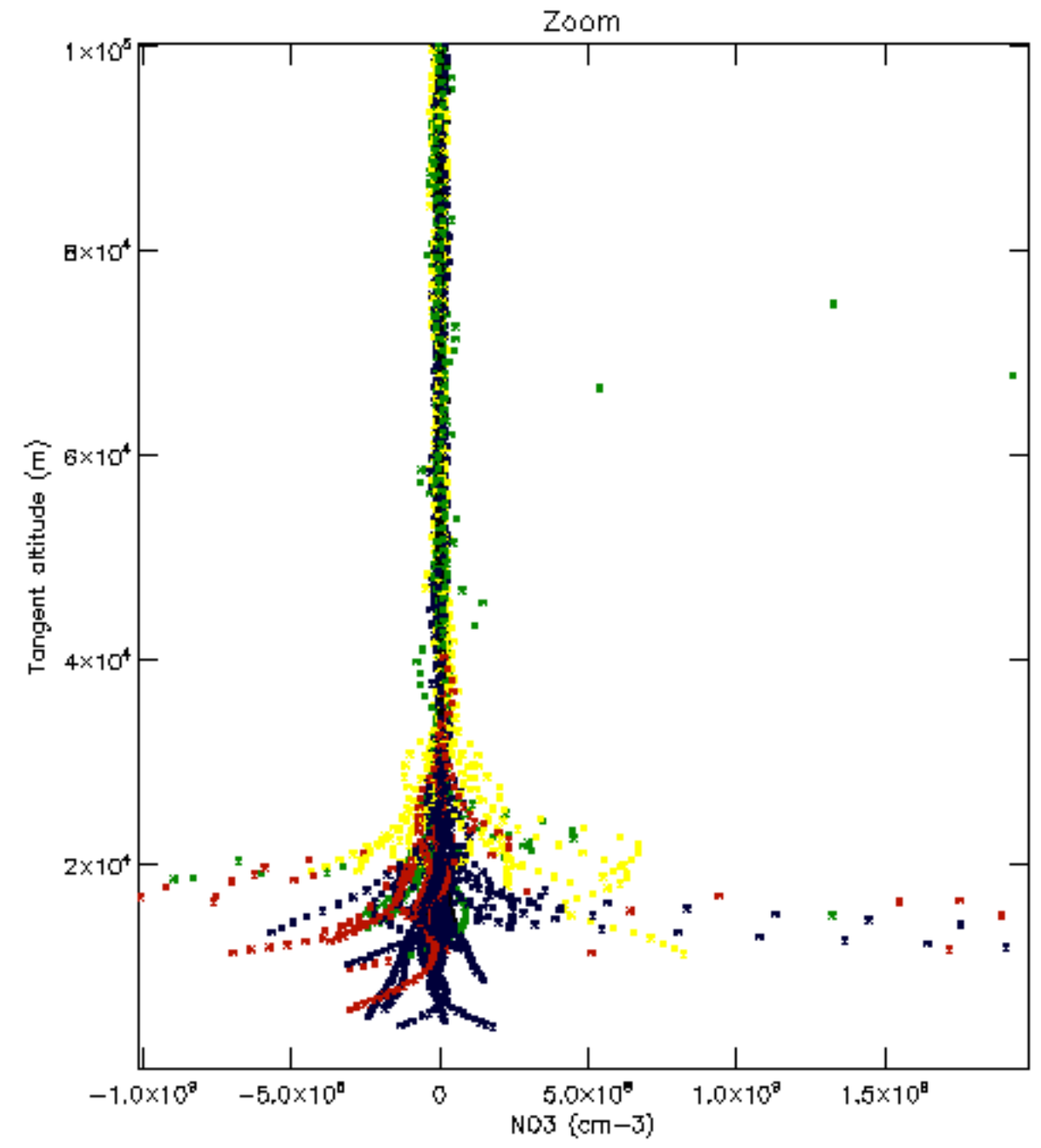
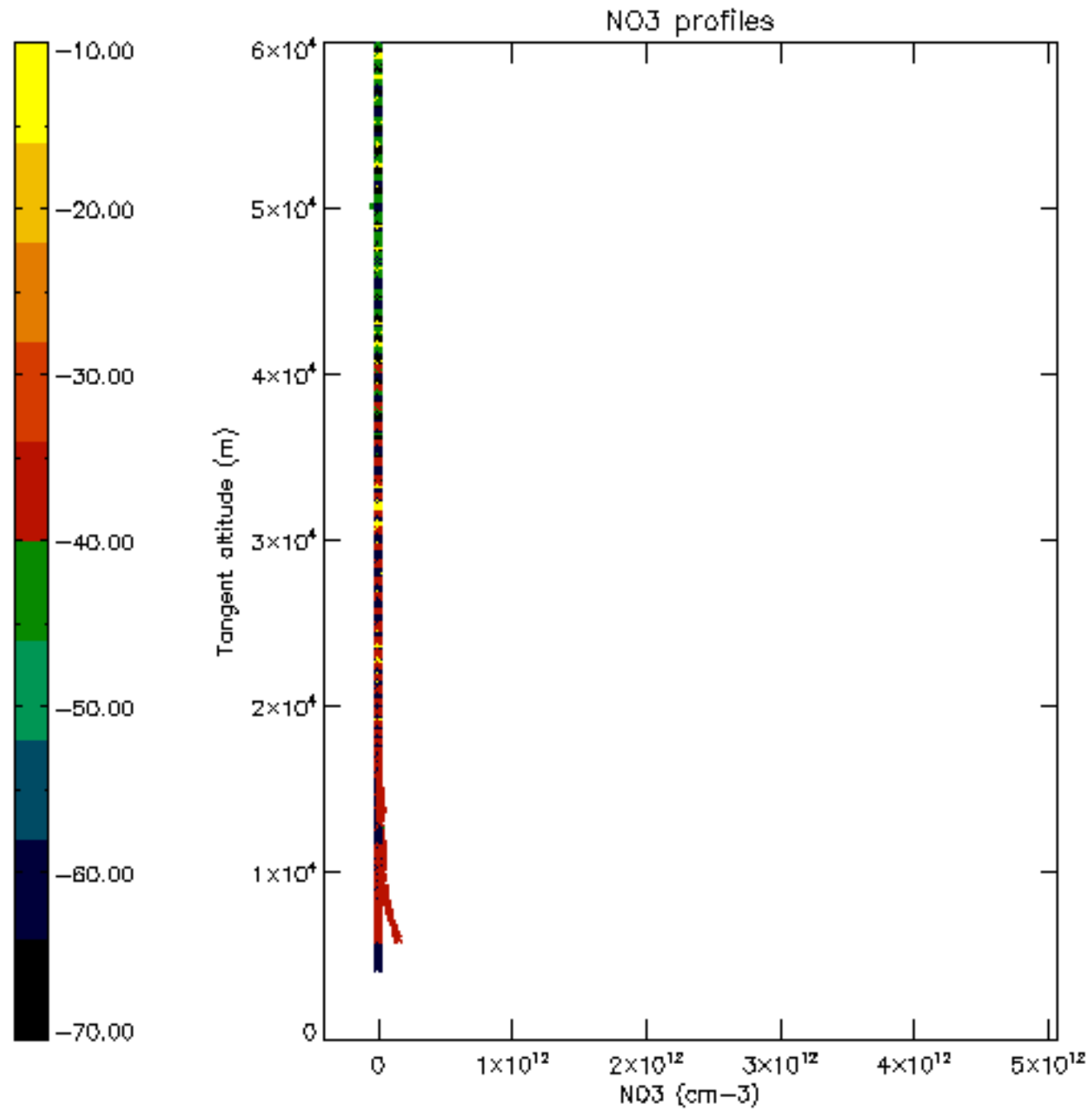


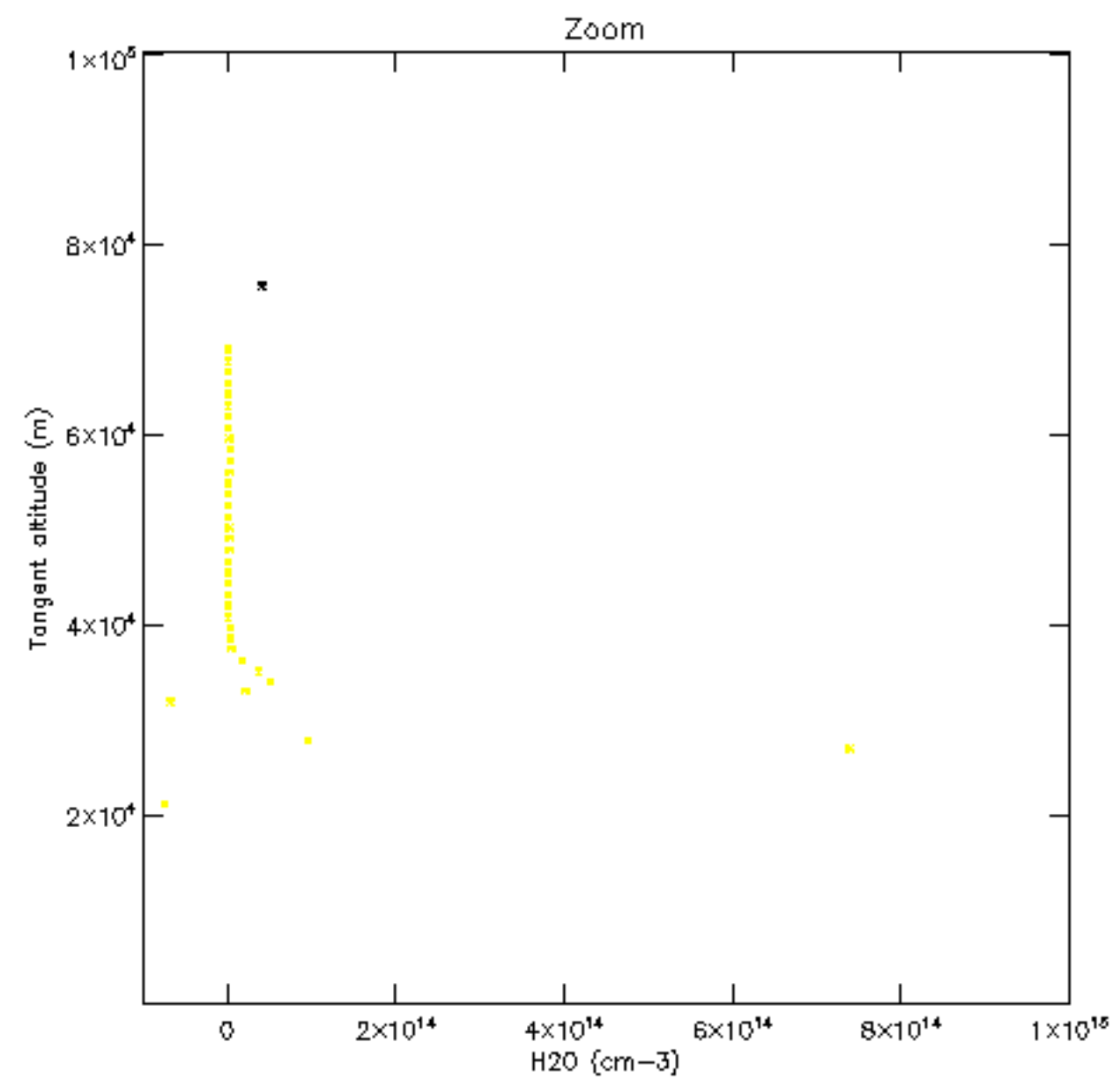
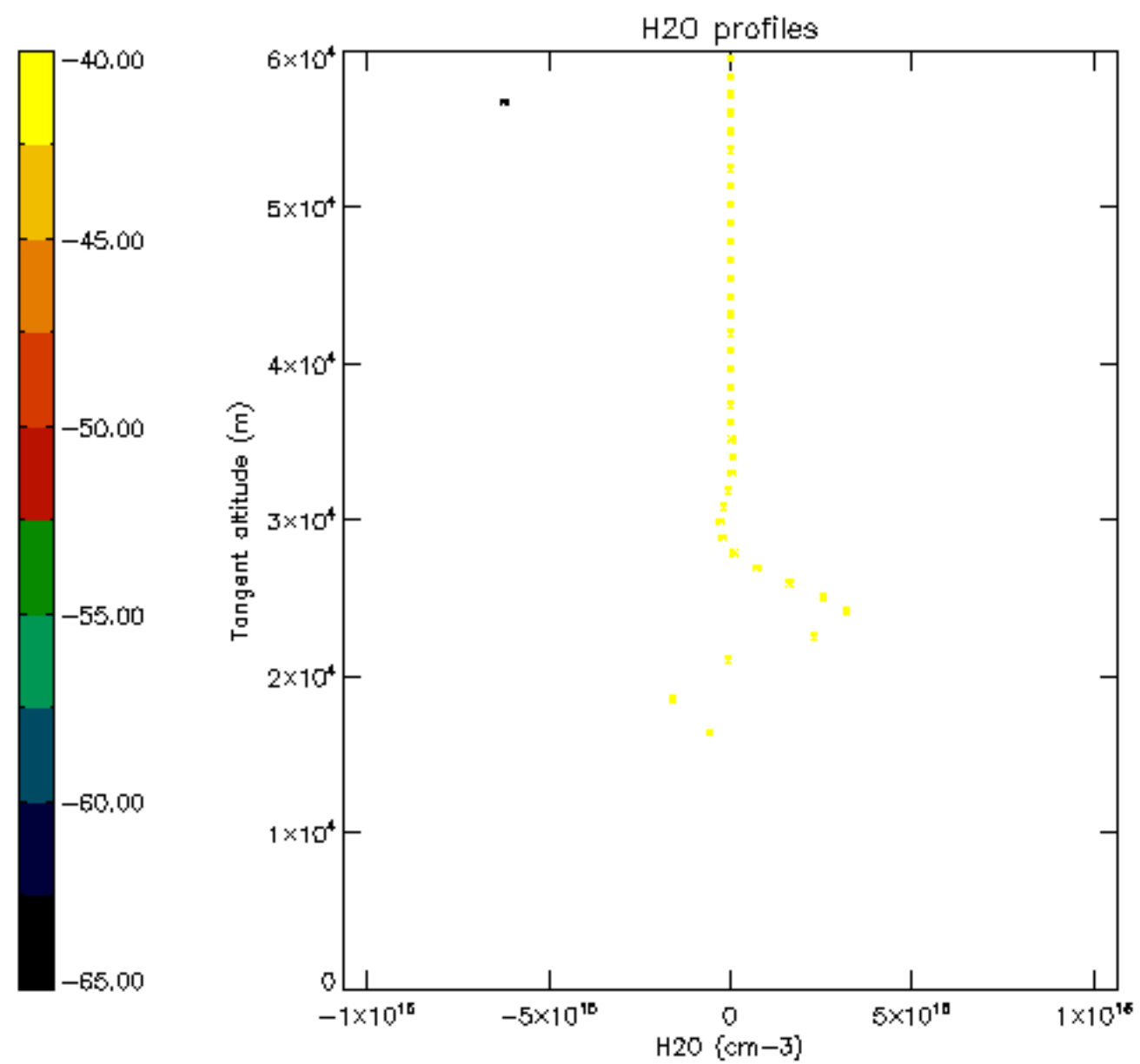


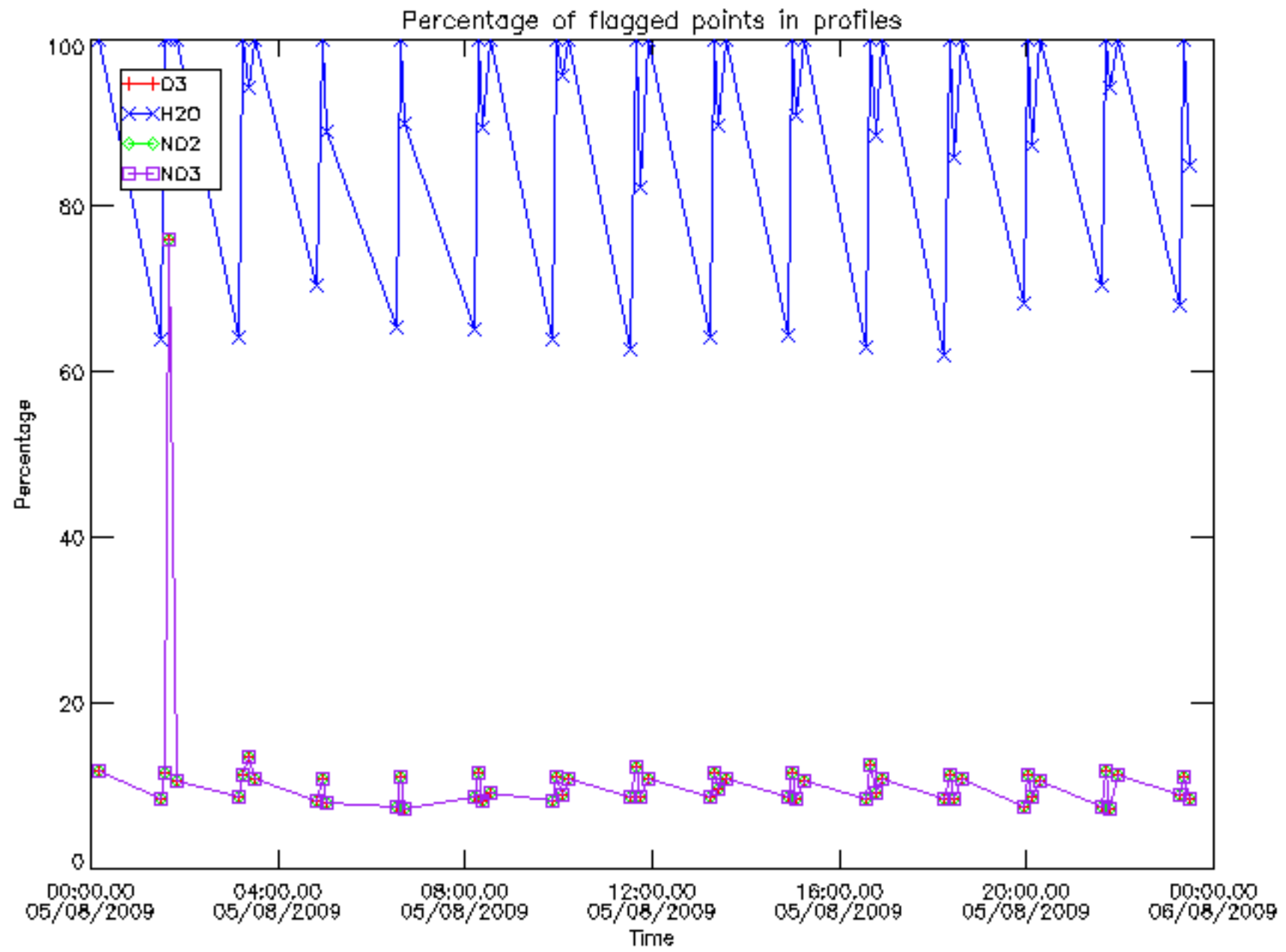




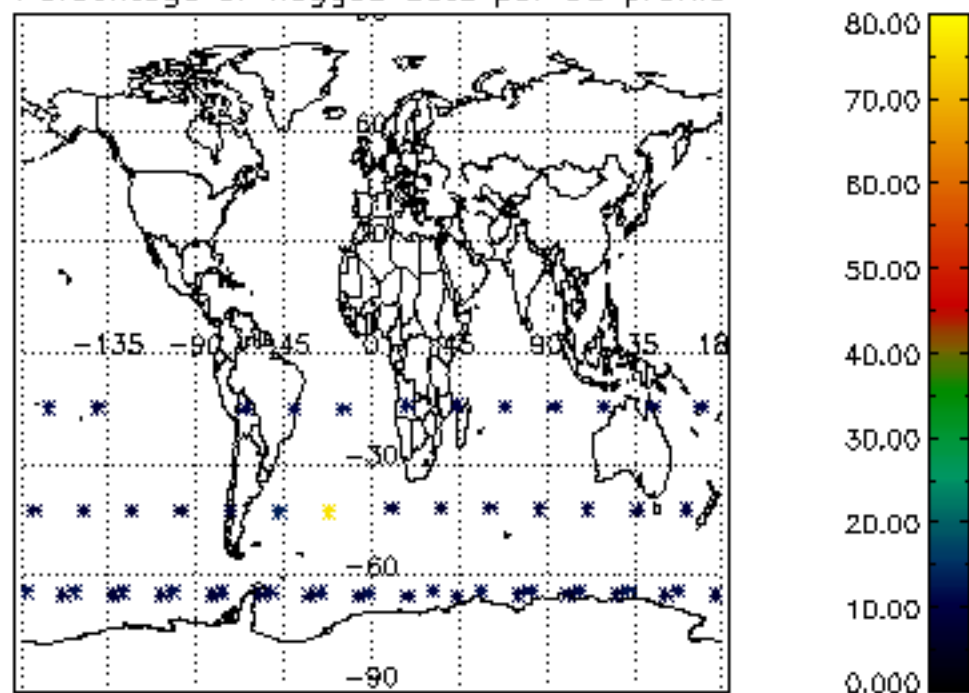




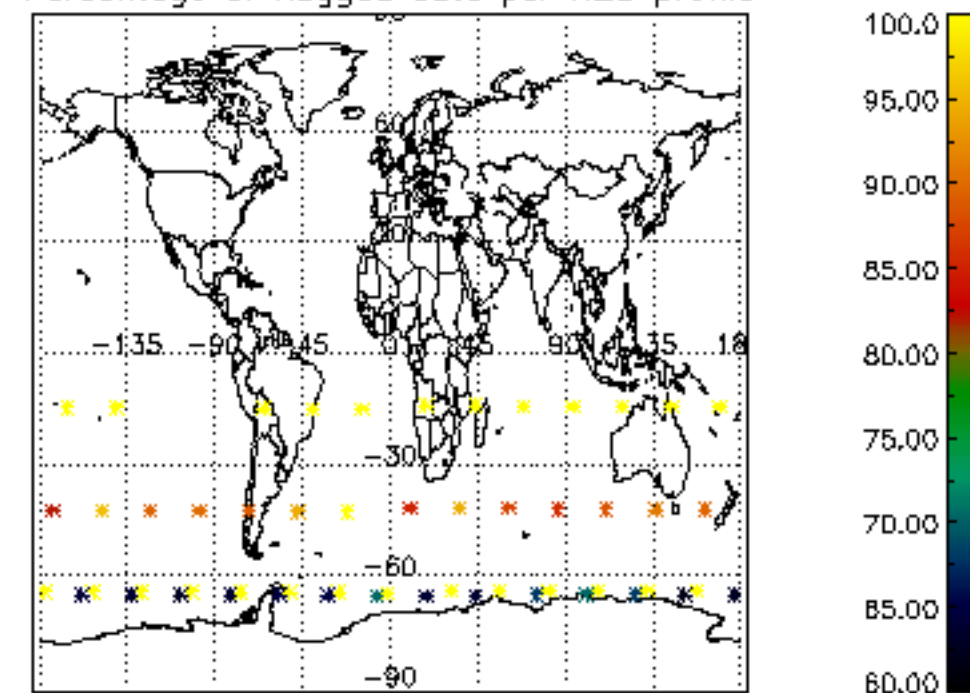




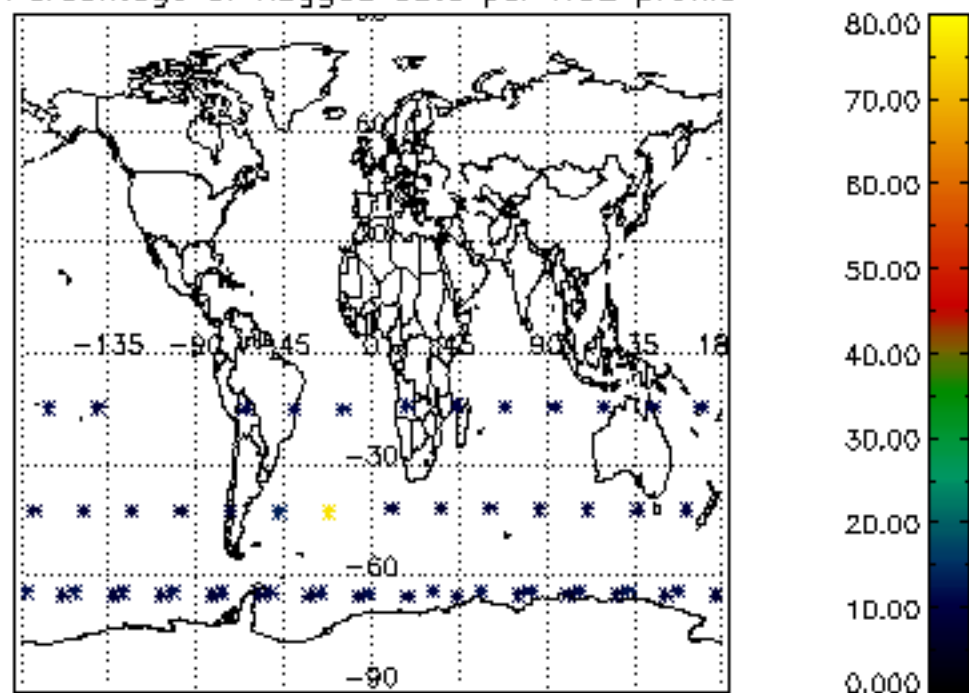
Percentage of flagged data per D3 profile



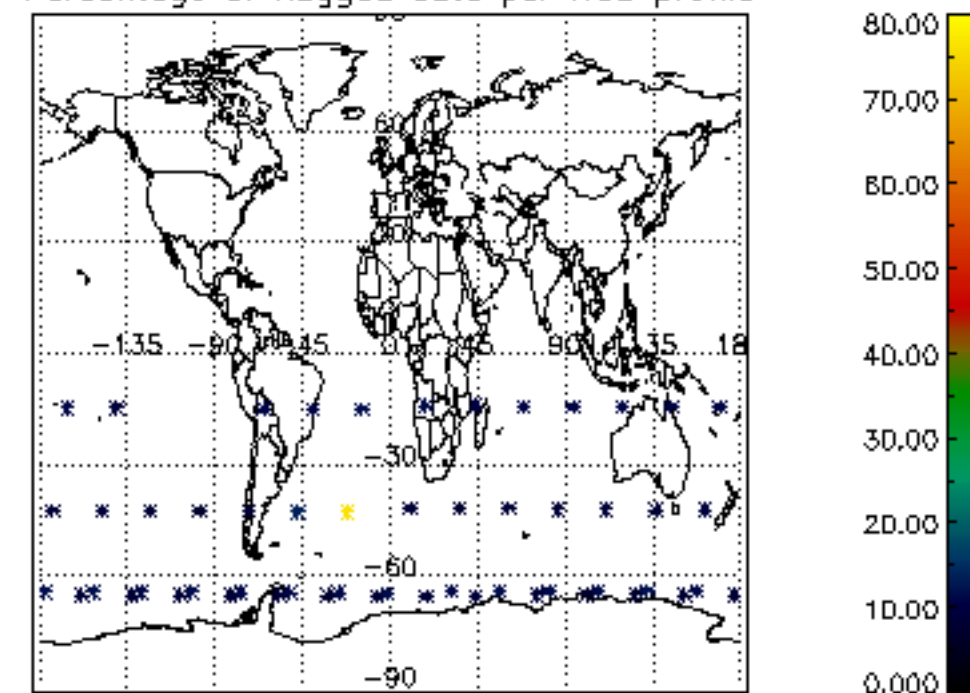
Percentage of flagged data per H2O profile

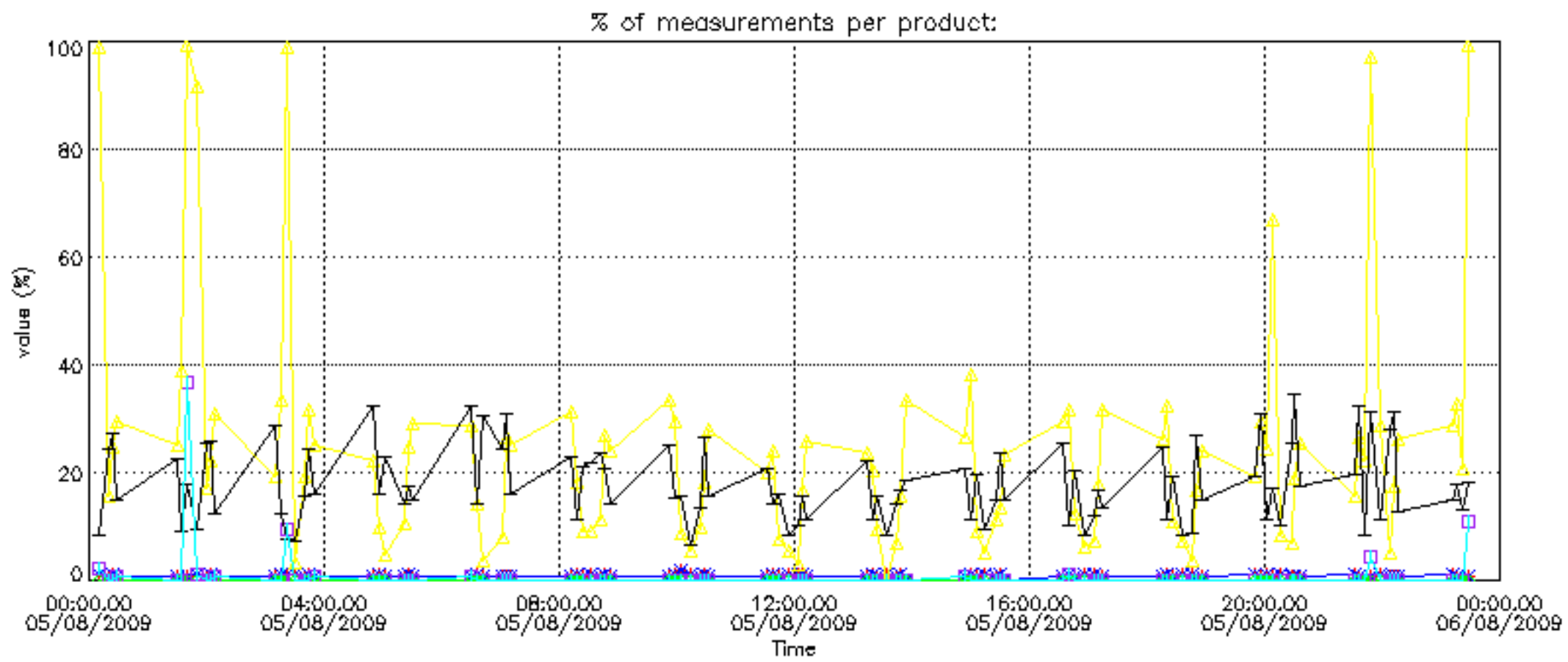


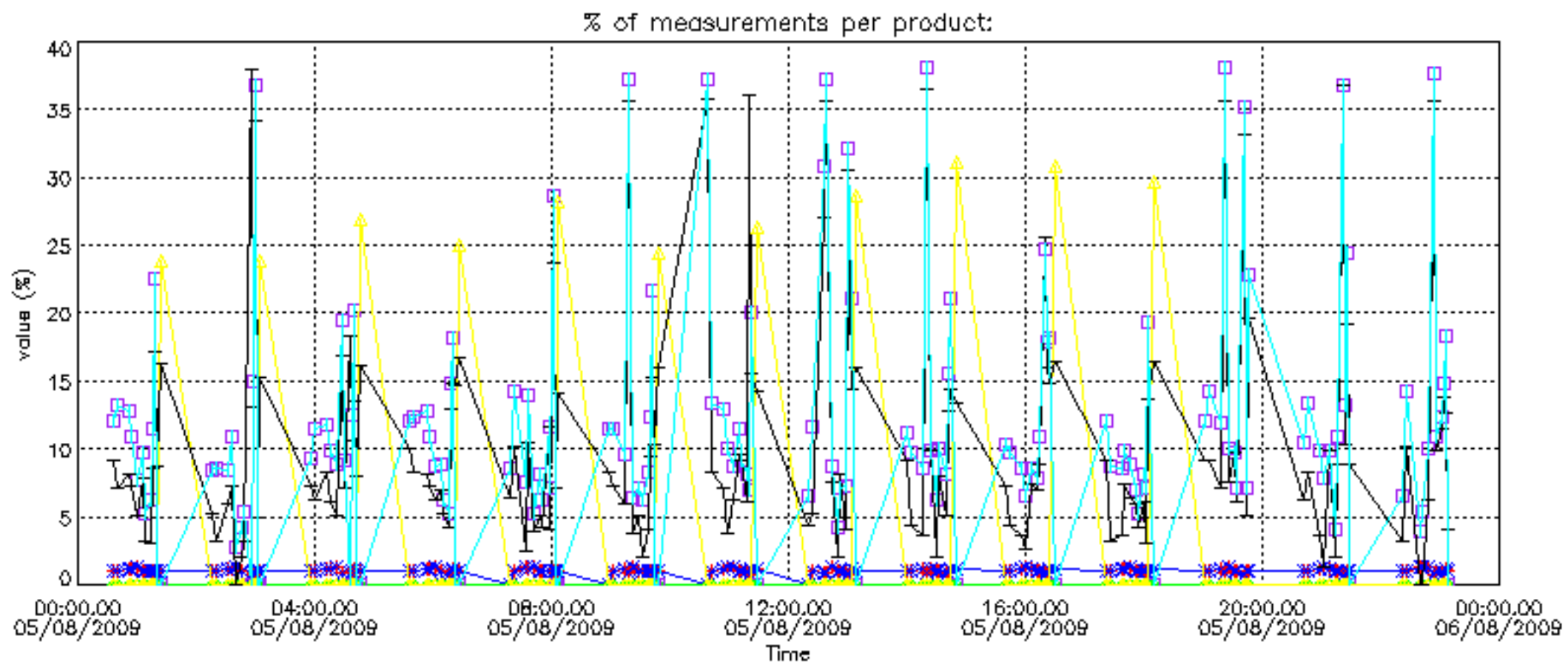
Percentage of flagged data per NO2 profile



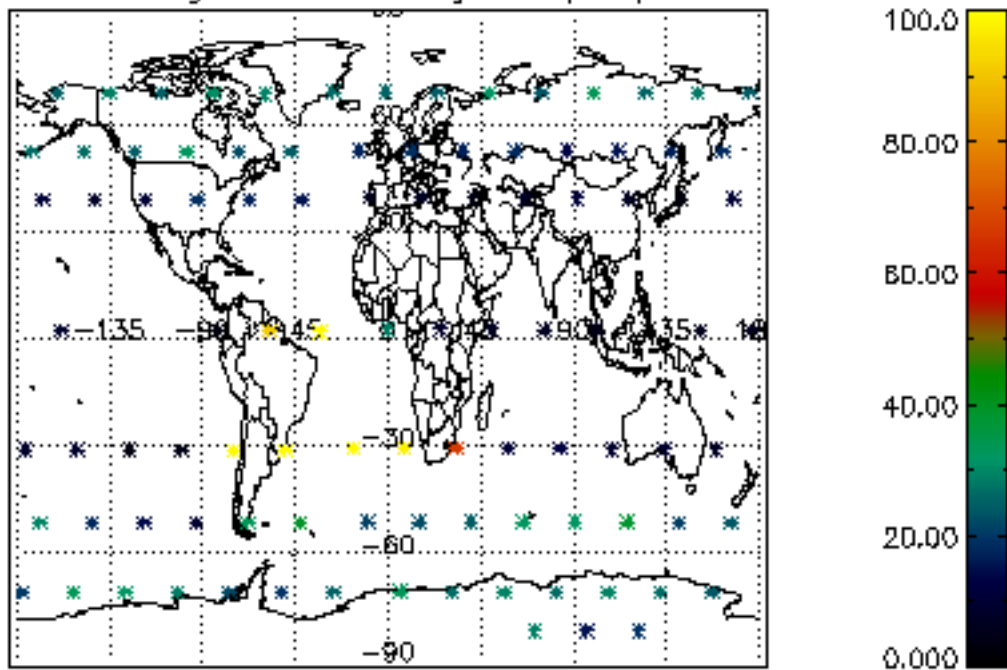
Percentage of flagged data per NO3 profile



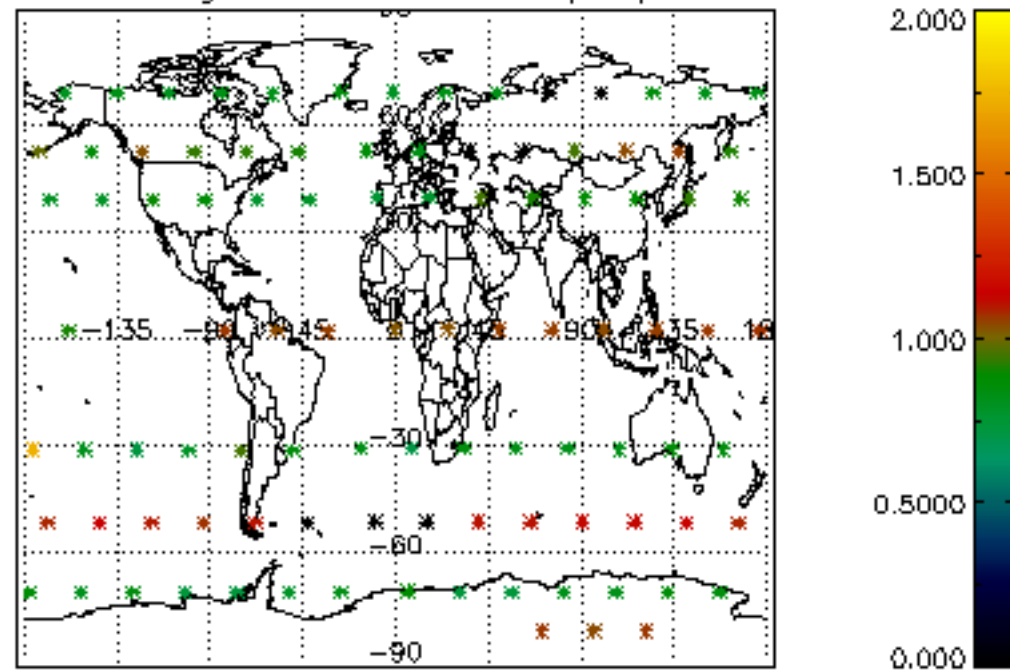




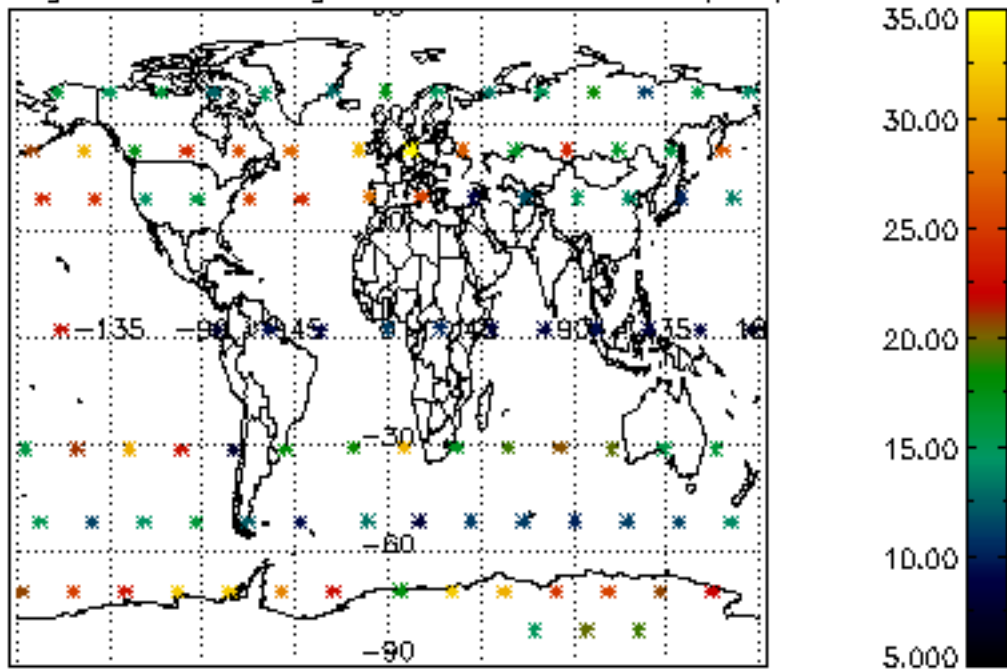
Percentage of cosmic ray hits per profile



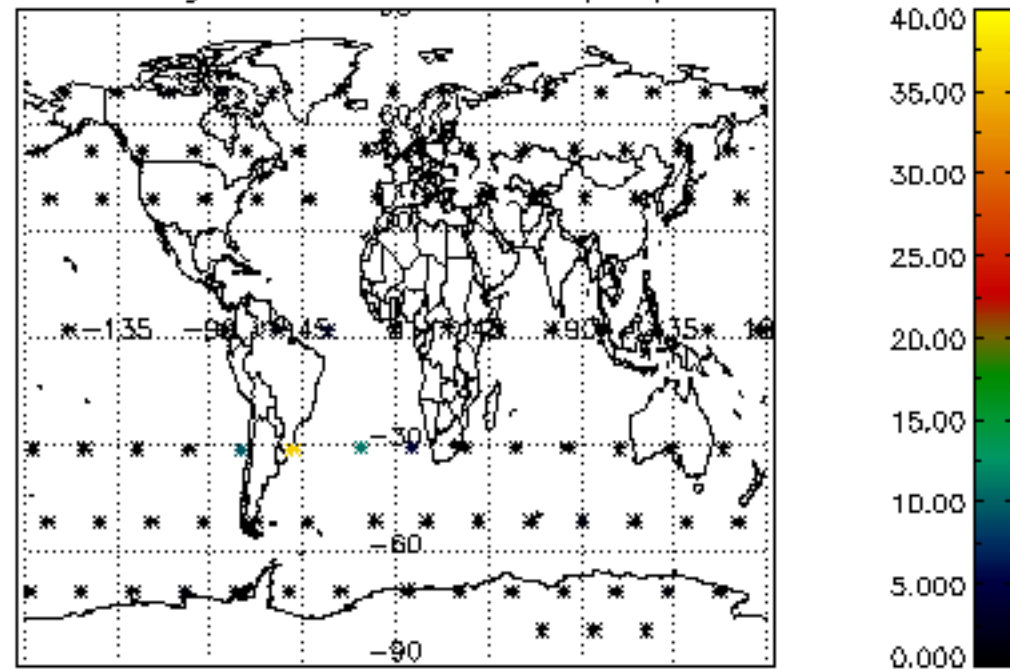
Percentage of datation errors per profile



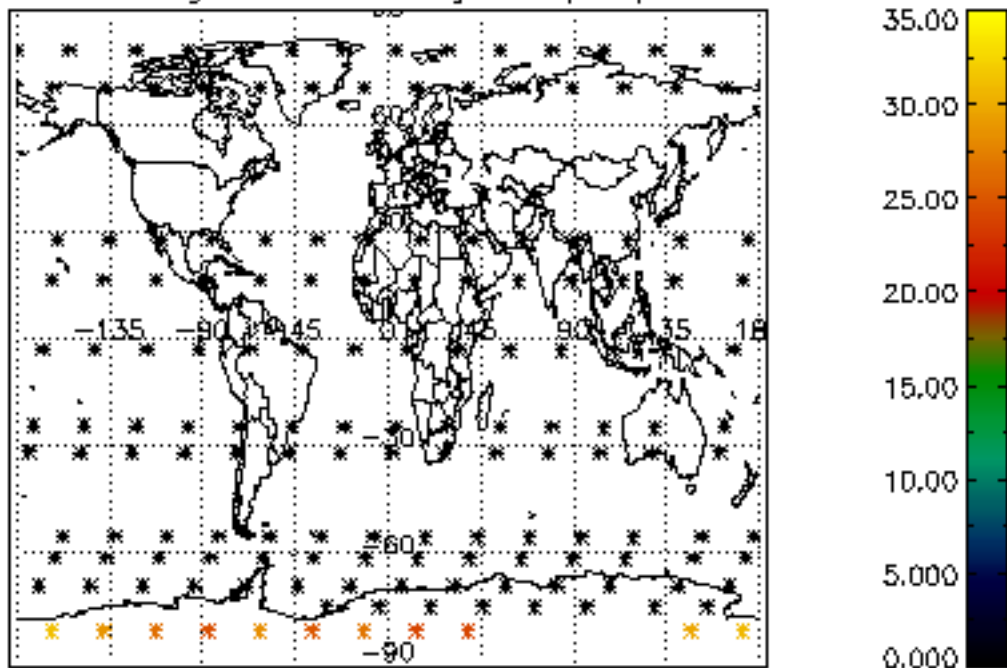
Percentage of star falling outside central band per profile



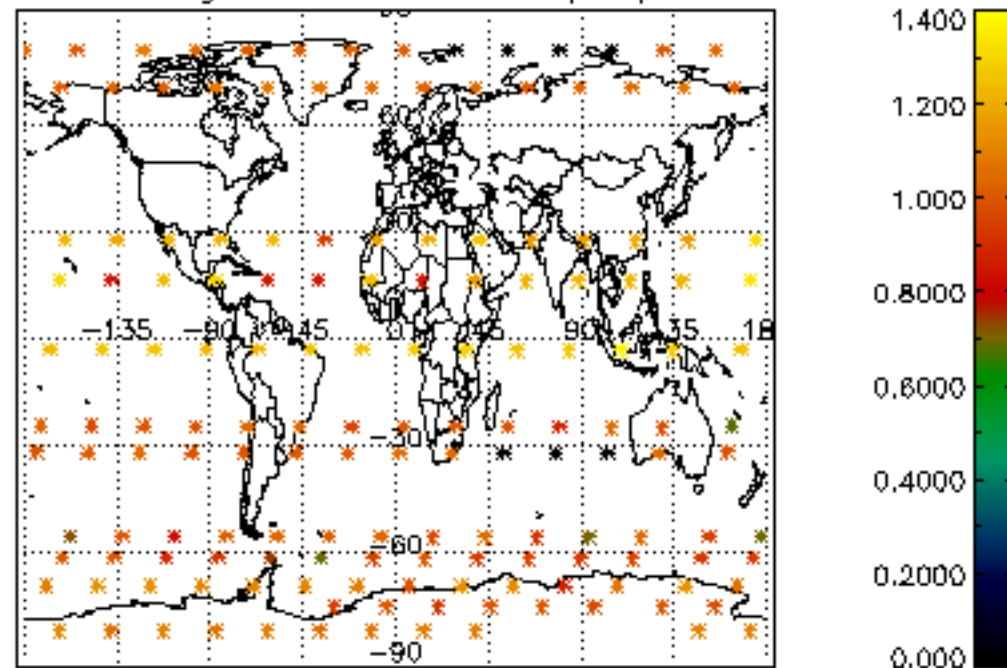
Percentage of saturation errors per profile



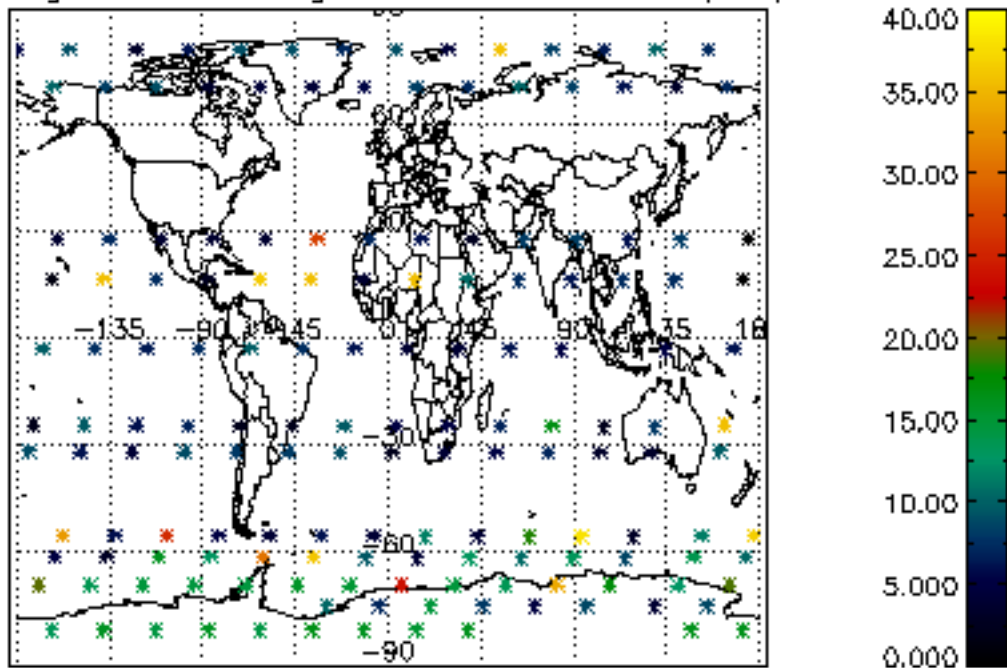
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

