

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	19APR2013 07:44:35
Data source version	GOMOS/6.01
Start time of products	02-08-2004 (02AUG2004 00:00:00)
Stop time of products	03-08-2004 (03AUG2004 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	327
Nb of prods with errors	1

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20040802_041910_00000502029_00090_12669_2090.N1	02-AUG-2004 04:19:10	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	12669	No
2	GOM_NL__2PRFIN20040802_042204_00000862029_00090_12669_2091.N1	02-AUG-2004 04:22:04	Bright	86.000	73	57Gam1And	2.2600	13100.	172	12669	No
3	GOM_NL__2PRFIN20040802_042444_000002552029_00090_12669_2092.N1	02-AUG-2004 04:24:44	Twilight	255.00	53	43Bet And	2.0480	3300.0	510	12669	No
4	GOM_NL__2PRFIN20040802_043023_00000432029_00090_12669_2093.N1	02-AUG-2004 04:30:23	Twilight	43.000	176	23Zet Tau	3.0200	22000.	86	12669	No
5	GOM_NL__2PRFIN20040802_043257_00000642029_00090_12669_2094.N1	02-AUG-2004 04:32:57	Dark	64.000	13	87Alp Tau	0.86700	3800.0	128	12669	No
6	GOM_NL__2PRFIN20040802_043456_00000442029_00090_12669_2095.N1	02-AUG-2004 04:34:56	Dark	43.500	27	24Gam Ori	1.6360	26000.	87	12669	No
7	GOM_NL__2PRFIN20040802_043651_00000402029_00090_12669_2096.N1	02-AUG-2004 04:36:51	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	12669	No
8	GOM_NL__2PRFIN20040802_043810_00000402029_00090_12669_2097.N1	02-AUG-2004 04:38:10	Dark	39.500	125	44Iot Ori	2.7700	30000.	79	12669	No
9	GOM_NL__2PRFIN20040802_044005_00000382029_00090_12669_2098.N1	02-AUG-2004 04:40:05	Dark	38.000	1	9Alp CMa	-1.4400	11000.	76	12669	No
10	GOM_NL__2PRFIN20040802_044131_00000432029_00090_12669_2099.N1	02-AUG-2004 04:41:31	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	12669	No
11	GOM_NL__2PRFIN20040802_044359_00000392029_00090_12669_2100.N1	02-AUG-2004 04:43:59	Dark	38.500	177	1Zet CMa	3.0220	26000.	77	12669	No
12	GOM_NL__2PRFIN20040802_045010_00000512029_00090_12669_2101.N1	02-AUG-2004 04:50:10	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	12669	No
13	GOM_NL__2PRFIN20040802_045332_00000492029_00091_12670_2102.N1	02-AUG-2004 04:53:32	Dark	49.000	157	The1Eri	2.9060	9300.0	98	12670	No
14	GOM_NL__2PRFIN20040802_045857_00000442029_00091_12670_2090.N1	02-AUG-2004 04:58:57	Dark	43.500	9	Alp Eri	0.45300	24000.	87	12670	No
15	GOM_NL__2PRFIN20040802_050046_00000392029_00091_12670_2091.N1	02-AUG-2004 05:00:46	Dark	39.000	135	Bet Hyl	2.8200	5800.0	78	12670	No
16	GOM_NL__2PRFIN20040802_050350_00000602029_00091_12670_2092.N1	02-AUG-2004 05:03:50	Straylight	59.500	84	Alp Phe	2.3970	4500.0	119	12670	No
17	GOM_NL__2PRFIN20040802_050542_00000442029_00091_12670_2093.N1	02-AUG-2004 05:05:42	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	12670	No
18	GOM_NL__2PRFIN20040802_050756_00000532029_00091_12670_2094.N1	02-AUG-2004 05:07:56	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	12670	No
19	GOM_NL__2PRFIN20040802_051242_00000722029_00091_12670_2095.N1	02-AUG-2004 05:12:42	Twilight	71.500	18	24Alp PsA	1.1660	9700.0	143	12670	No
20	GOM_NL__2PRFIN20040802_051712_00000462029_00091_12670_2096.N1	02-AUG-2004 05:17:12	Bright	45.500	103	38Zet Sgr	2.6000	9700.0	91	12670	No
21	GOM_NL__2PRFIN20040802_051947_00000552029_00091_12670_2097.N1	02-AUG-2004 05:19:47	Bright	54.500	142	49Del Cap	2.8500	8900.0	109	12670	No
22	GOM_NL__2PRFIN20040802_052354_00000542029_00091_12670_2098.N1	02-AUG-2004 05:23:54	Bright	53.500	154	22Bet Aqr	2.8990	5700.0	107	12670	No
23	GOM_NL__2PRFIN20040802_052753_00000392029_00091_12670_2099.N1	02-AUG-2004 05:27:53	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	12670	No
24	GOM_NL__2PRFIN20040802_052922_00000362029_00091_12670_2100.N1	02-AUG-2004 05:29:22	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	12670	No
25	GOM_NL__2PRFIN20040802_053627_00000372029_00091_12670_2101.N1	02-AUG-2004 05:36:27	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	12670	No
26	GOM_NL__2PRFIN20040802_053826_00000382029_00091_12670_2102.N1	02-AUG-2004 05:38:26	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	12670	No
27	GOM_NL__2PRFIN20040802_054016_00000372029_00091_12670_2103.N1	02-AUG-2004 05:40:16	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	12670	No
28	GOM_NL__2PRFIN20040802_054420_00000352029_00091_12670_2104.N1	02-AUG-2004 05:44:20	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	12670	No
29	GOM_NL__2PRFIN20040802_054827_00000402029_00091_12670_2105.N1	02-AUG-2004 05:48:27	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	12670	No
30	GOM_NL__2PRFIN20040802_055056_00000382029_00091_12670_2106.N1	02-AUG-2004 05:50:56	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	12670	No
31	GOM_NL__2PRFIN20040802_055318_00000502029_00091_12670_2107.N1	02-AUG-2004 05:53:18	Dark	49.500	76	27Gam Cas	2.3000	30000.	99	12670	Yes
32	GOM_NL__2PRFIN20040802_055947_00000502029_00091_12670_2108.N1	02-AUG-2004 05:59:47	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	12670	No
33	GOM_NL__2PRFIN20040802_060239_00000822029_00091_12670_2109.N1	02-AUG-2004 06:02:39	Bright	82.000	73	57Gam1And	2.2600	13100.	164	12670	No
34	GOM_NL__2PRFIN20040802_060519_000002552029_00091_12670_2110.N1	02-AUG-2004 06:05:19	Twilight	255.00	53	43Bet And	2.0480	3300.0	510	12670	No
35	GOM_NL__2PRFIN20040802_061059_00000432029_00091_12670_2111.N1	02-AUG-2004 06:10:59	Twilight	43.000	176	23Zet Tau	3.0200	22000.	86	12670	No
36	GOM_NL__2PRFIN20040802_061334_00000522029_00091_12670_2112.N1	02-AUG-2004 06:13:34	Dark	52.000	13	87Alp Tau	0.86700	3800.0	104	12670	No
37	GOM_NL__2PRFIN20040802_061530_00000432029_00091_12670_2113.N1	02-AUG-2004 06:15:30	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	12670	No
38	GOM_NL__2PRFIN20040802_061727_00000402029_00091_12670_2114.N1	02-AUG-2004 06:17:27	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	12670	No
39	GOM_NL__2PRFIN20040802_061847_00000402029_00091_12670_2115.N1	02-AUG-2004 06:18:47	Dark	39.500	125	44Iot Ori	2.7700	30000.	79	12670	No
40	GOM_NL__2PRFIN20040802_062040_00000462029_00091_12670_2116.N1	02-AUG-2004 06:20:40	Dark	46.000	1	9Alp CMa	-1.4400	11000.	92	12670	No
41	GOM_NL__2PRFIN20040802_062206_00000462029_00091_12670_2117.N1	02-AUG-2004 06:22:06	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	12670	No
42	GOM_NL__2PRFIN20040802_062443_00000622029_00091_12670_2118.N1	02-AUG-2004 06:24:43	Dark	61.500	165	34Gam Eri	2.9500	3200.0	123	12670	No

43	GOM_NL__2PRFIN20040802_063409_000000492029_00092_12671_2119.N1	02-AUG-2004 06:34:09	Dark	48.500	157	The1Eri	2.9060	9300.0	97	12671	No
44	GOM_NL__2PRFIN20040802_063934_000000452029_00092_12671_2090.N1	02-AUG-2004 06:39:34	Dark	45.000	9	Alp Eri	0.45300	24000.	90	12671	No
45	GOM_NL__2PRFIN20040802_064123_000000392029_00092_12671_2091.N1	02-AUG-2004 06:41:23	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	12671	No
46	GOM_NL__2PRFIN20040802_064427_000000692029_00092_12671_2092.N1	02-AUG-2004 06:44:27	Straylight	68.500	84	Alp Phe	2.3970	4500.0	137	12671	No
47	GOM_NL__2PRFIN20040802_064619_000000432029_00092_12671_2093.N1	02-AUG-2004 06:46:19	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	12671	No
48	GOM_NL__2PRFIN20040802_064834_000000622029_00092_12671_2094.N1	02-AUG-2004 06:48:34	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	12671	No
49	GOM_NL__2PRFIN20040802_065318_000000702029_00092_12671_2095.N1	02-AUG-2004 06:53:18	Tw_i_and_stray	69.500	18	24Alp PsA	1.1660	9700.0	139	12671	No
50	GOM_NL__2PRFIN20040802_065749_000000402029_00092_12671_2096.N1	02-AUG-2004 06:57:49	Bright	39.500	103	38Zet Sgr	2.6000	9700.0	79	12671	No
51	GOM_NL__2PRFIN20040802_070022_000000532029_00092_12671_2097.N1	02-AUG-2004 07:00:22	Bright	53.000	142	49Del Cap	2.8500	8900.0	106	12671	No
52	GOM_NL__2PRFIN20040802_070430_000000542029_00092_12671_2098.N1	02-AUG-2004 07:04:30	Bright	53.500	154	22Bet Aqr	2.8990	5700.0	107	12671	No
53	GOM_NL__2PRFIN20040802_070830_000000402029_00092_12671_2099.N1	02-AUG-2004 07:08:30	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	12671	No
54	GOM_NL__2PRFIN20040802_070958_000000382029_00092_12671_2100.N1	02-AUG-2004 07:09:58	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	12671	No
55	GOM_NL__2PRFIN20040802_071703_000000402029_00092_12671_2101.N1	02-AUG-2004 07:17:03	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	12671	No
56	GOM_NL__2PRFIN20040802_071902_000000382029_00092_12671_2102.N1	02-AUG-2004 07:19:02	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	12671	No
57	GOM_NL__2PRFIN20040802_072053_000000372029_00092_12671_2103.N1	02-AUG-2004 07:20:53	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	12671	No
58	GOM_NL__2PRFIN20040802_072456_000000372029_00092_12671_2104.N1	02-AUG-2004 07:24:56	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	12671	No
59	GOM_NL__2PRFIN20040802_072904_000000382029_00092_12671_2105.N1	02-AUG-2004 07:29:04	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	12671	No
60	GOM_NL__2PRFIN20040802_073132_000000342029_00092_12671_2106.N1	02-AUG-2004 07:31:32	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	12671	No
61	GOM_NL__2PRFIN20040802_073353_000000522029_00092_12671_2107.N1	02-AUG-2004 07:33:53	Bright	51.500	76	27Gam Cas	2.3000	30000.	103	12671	No
62	GOM_NL__2PRFIN20040802_074023_000000512029_00092_12671_2108.N1	02-AUG-2004 07:40:23	Bright	50.500	160	23Gam Per	2.9300	4700.0	101	12671	No
63	GOM_NL__2PRFIN20040802_074314_000000902029_00092_12671_2109.N1	02-AUG-2004 07:43:14	Bright	89.500	73	57Gam1And	2.2600	13100.	179	12671	No
64	GOM_NL__2PRFIN20040802_074553_000002552029_00092_12671_2110.N1	02-AUG-2004 07:45:53	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12671	No
65	GOM_NL__2PRFIN20040802_075136_000000412029_00092_12671_2111.N1	02-AUG-2004 07:51:36	Tw_i_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	12671	No
66	GOM_NL__2PRFIN20040802_075410_000000612029_00092_12671_2112.N1	02-AUG-2004 07:54:10	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	12671	No
67	GOM_NL__2PRFIN20040802_075608_000000412029_00092_12671_2113.N1	02-AUG-2004 07:56:08	Dark	40.500	27	24Gam Ori	1.6360	26000.	81	12671	No
68	GOM_NL__2PRFIN20040802_075804_000000402029_00092_12671_2114.N1	02-AUG-2004 07:58:04	Dark	39.500	30	46Eps Ori	1.6940	30000.	79	12671	No
69	GOM_NL__2PRFIN20040802_075924_000000402029_00092_12671_2115.N1	02-AUG-2004 07:59:24	Dark	39.500	125	44Iot Ori	2.7700	30000.	79	12671	No
70	GOM_NL__2PRFIN20040802_080117_000000512029_00092_12671_2116.N1	02-AUG-2004 08:01:17	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	12671	No
71	GOM_NL__2PRFIN20040802_080244_000000442029_00092_12671_2117.N1	02-AUG-2004 08:02:44	Dark	43.500	101	11Alp Lep	2.5820	7000.0	87	12671	No
72	GOM_NL__2PRFIN20040802_080521_000000552029_00092_12671_2118.N1	02-AUG-2004 08:05:21	Dark	54.500	165	34Gam Eri	2.9500	3200.0	109	12671	No
73	GOM_NL__2PRFIN20040802_081446_000000502029_00093_12672_2119.N1	02-AUG-2004 08:14:46	Dark	49.500	157	The1Eri	2.9060	9300.0	99	12672	No
74	GOM_NL__2PRFIN20040802_082011_000000472029_00093_12672_2090.N1	02-AUG-2004 08:20:11	Dark	46.500	9	Alp Eri	0.45300	24000.	93	12672	No
75	GOM_NL__2PRFIN20040802_082159_000000392029_00093_12672_2091.N1	02-AUG-2004 08:21:59	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	12672	No
76	GOM_NL__2PRFIN20040802_082504_000000702029_00093_12672_2092.N1	02-AUG-2004 08:25:04	Straylight	69.500	84	Alp Phe	2.3970	4500.0	139	12672	No
77	GOM_NL__2PRFIN20040802_082656_000000422029_00093_12672_2093.N1	02-AUG-2004 08:26:56	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	12672	No
78	GOM_NL__2PRFIN20040802_082910_000000532029_00093_12672_2094.N1	02-AUG-2004 08:29:10	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	12672	No
79	GOM_NL__2PRFIN20040802_083355_000000702029_00093_12672_2095.N1	02-AUG-2004 08:33:55	Tw_i_and_stray	69.500	18	24Alp PsA	1.1660	9700.0	139	12672	No
80	GOM_NL__2PRFIN20040802_083825_000000522029_00093_12672_2096.N1	02-AUG-2004 08:38:25	Bright	52.000	103	38Zet Sgr	2.6000	9700.0	104	12672	No
81	GOM_NL__2PRFIN20040802_084059_000000542029_00093_12672_2097.N1	02-AUG-2004 08:40:59	Bright	54.000	142	49Del Cap	2.8500	8900.0	108	12672	No
82	GOM_NL__2PRFIN20040802_084505_000000542029_00093_12672_2098.N1	02-AUG-2004 08:45:05	Bright	53.500	154	22Bet Aqr	2.8990	5700.0	107	12672	No
83	GOM_NL__2PRFIN20040802_084905_000000402029_00093_12672_2099.N1	02-AUG-2004 08:49:05	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	12672	No
84	GOM_NL__2PRFIN20040802_085034_000000372029_00093_12672_2100.N1	02-AUG-2004 08:50:34	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	12672	No
85	GOM_NL__2PRFIN20040802_085740_000000352029_00093_12672_2101.N1	02-AUG-2004 08:57:40	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	12672	No
86	GOM_NL__2PRFIN20040802_085938_000000402029_00093_12672_2102.N1	02-AUG-2004 08:59:38	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	12672	No
87	GOM_NL__2PRFIN20040802_090129_000000392029_00093_12672_2103.N1	02-AUG-2004 09:01:29	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	12672	No
88	GOM_NL__2PRFIN20040802_090533_000000382029_00093_12672_2104.N1	02-AUG-2004 09:05:33	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	12672	No
89	GOM_NL__2PRFIN20040802_090940_000000392029_00093_12672_2105.N1	02-AUG-2004 09:09:40	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	12672	No
90	GOM_NL__2PRFIN20040802_091208_000000392029_00093_12672_2106.N1	02-AUG-2004 09:12:08	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	12672	No
91	GOM_NL__2PRFIN20040802_091428_000000502029_00093_12672_2107.N1	02-AUG-2004 09:14:28	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	12672	No
92	GOM_NL__2PRFIN20040802_092057_000000512029_00093_12672_2108.N1	02-AUG-2004 09:20:57	Bright	50.500	160	23Gam Per	2.9300	4700.0	101	12672	No
93	GOM_NL__2PRFIN20040802_092349_000000852029_00093_12672_2109.N1	02-AUG-2004 09:23:49	Bright	85.000	73	57Gam1And	2.2600	13100.	170	12672	No
94	GOM_NL__2PRFIN20040802_092628_000002552029_00093_12672_2110.N1	02-AUG-2004 09:26:28	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12672	No
95	GOM_NL__2PRFIN20040802_093212_000000402029_00093_12672_2111.N1	02-AUG-2004 09:32:12	Tw_i_and_stray	39.500	176	23Zet Tau	3.0200	22000.	79	12672	No
96	GOM_NL__2PRFIN20040802_093447_000000602029_00093_12672_2112.N1	02-AUG-2004 09:34:47	Dark	59.500	13	87Alp Tau	0.86700	3800.0	119	12672	No
97	GOM_NL__2PRFIN20040802_093645_000000412029_00093_12672_2113.N1	02-AUG-2004 09:36:45	Dark	41.000	27	24Gam Ori	1.6360	26000.	82	12672	No
98	GOM_NL__2PRFIN20040802_093840_000000432029_00093_12672_2114.N1	02-AUG-2004 09:38:40	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	12672	No
99	GOM_NL__2PRFIN20040802_094001_000000412029_00093_12672_2115.N1	02-AUG-2004 09:40:01	Dark	41.000	125	44Iot Ori	2.7700	30000.	82	12672	No
100	GOM_NL__2PRFIN20040802_094153_000000482029_00093_12672_2116.N1	02-AUG-2004 09:41:53	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	12672	No
101	GOM_NL__2PRFIN20040802_094320_000000432029_00093_12672_2117.N1	02-AUG-2004 09:43:20	Dark	43.000	101	11Alp Lep	2.5820	7000.0	86	12672	No

102	GOM_NL__2PRFIN20040802_094558_000000602029_00093_12672_2118.N1	02-AUG-2004 09:45:58	Dark	59.500	165	34Gam Eri	2.9500	3200.0	119	12672	No
103	GOM_NL__2PRFIN20040802_095523_000000482029_00094_12673_2119.N1	02-AUG-2004 09:55:23	Dark	47.500	157	The1Eri	2.9060	9300.0	95	12673	No
104	GOM_NL__2PRFIN20040802_100047_000000452029_00094_12673_2090.N1	02-AUG-2004 10:00:47	Dark	45.000	9	Alp Eri	0.45300	24000.	90	12673	No
105	GOM_NL__2PRFIN20040802_100235_000000382029_00094_12673_2091.N1	02-AUG-2004 10:02:35	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	12673	No
106	GOM_NL__2PRFIN20040802_100541_000000562029_00094_12673_2092.N1	02-AUG-2004 10:05:41	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	12673	No
107	GOM_NL__2PRFIN20040802_100732_000000452029_00094_12673_2093.N1	02-AUG-2004 10:07:32	Straylight	44.500	148	Alp Tuc	2.8780	4100.0	89	12673	No
108	GOM_NL__2PRFIN20040802_100947_000000512029_00094_12673_2094.N1	02-AUG-2004 10:09:47	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	12673	No
109	GOM_NL__2PRFIN20040802_101432_000000682029_00094_12673_2095.N1	02-AUG-2004 10:14:32	Tw_i_and_stray	67.500	18	24Alp PsA	1.1660	9700.0	135	12673	No
110	GOM_NL__2PRFIN20040802_101901_000000522029_00094_12673_2096.N1	02-AUG-2004 10:19:01	Bright	52.000	103	38Zet Sgr	2.6000	9700.0	104	12673	No
111	GOM_NL__2PRFIN20040802_102135_000000532029_00094_12673_2097.N1	02-AUG-2004 10:21:35	Bright	52.500	142	49Del Cap	2.8500	8900.0	105	12673	No
112	GOM_NL__2PRFIN20040802_102540_000000542029_00094_12673_2098.N1	02-AUG-2004 10:25:40	Bright	54.000	154	22Bet Aqr	2.8990	5700.0	108	12673	No
113	GOM_NL__2PRFIN20040802_102941_000000402029_00094_12673_2099.N1	02-AUG-2004 10:29:41	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	12673	No
114	GOM_NL__2PRFIN20040802_103110_000000362029_00094_12673_2100.N1	02-AUG-2004 10:31:10	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	12673	No
115	GOM_NL__2PRFIN20040802_103815_000000362029_00094_12673_2101.N1	02-AUG-2004 10:38:15	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	12673	No
116	GOM_NL__2PRFIN20040802_104013_000000392029_00094_12673_2102.N1	02-AUG-2004 10:40:13	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	12673	No
117	GOM_NL__2PRFIN20040802_104205_000000412029_00094_12673_2103.N1	02-AUG-2004 10:42:05	Bright	41.000	69	33Gam Dra	2.2310	3800.0	82	12673	No
118	GOM_NL__2PRFIN20040802_104609_000000382029_00094_12673_2104.N1	02-AUG-2004 10:46:09	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	12673	No
119	GOM_NL__2PRFIN20040802_105015_000000402029_00094_12673_2105.N1	02-AUG-2004 10:50:15	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	12673	No
120	GOM_NL__2PRFIN20040802_105244_000000382029_00094_12673_2106.N1	02-AUG-2004 10:52:44	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	12673	No
121	GOM_NL__2PRFIN20040802_105504_000000492029_00094_12673_2107.N1	02-AUG-2004 10:55:04	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	12673	No
122	GOM_NL__2PRFIN20040802_110132_000000522029_00094_12673_2108.N1	02-AUG-2004 11:01:32	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	12673	No
123	GOM_NL__2PRFIN20040802_110425_000000892029_00094_12673_2109.N1	02-AUG-2004 11:04:25	Bright	88.500	73	57Gam1And	2.2600	13100.	177	12673	No
124	GOM_NL__2PRFIN20040802_110703_000002552029_00094_12673_2110.N1	02-AUG-2004 11:07:03	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12673	No
125	GOM_NL__2PRFIN20040802_111248_000000402029_00094_12673_2111.N1	02-AUG-2004 11:12:48	Tw_i_and_stray	39.500	176	23Zet Tau	3.0200	22000.	79	12673	No
126	GOM_NL__2PRFIN20040802_111523_000000572029_00094_12673_2112.N1	02-AUG-2004 11:15:23	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	12673	No
127	GOM_NL__2PRFIN20040802_111721_000000482029_00094_12673_2113.N1	02-AUG-2004 11:17:21	Dark	47.500	27	24Gam Ori	1.6360	26000.	95	12673	No
128	GOM_NL__2PRFIN20040802_111917_000000452029_00094_12673_2114.N1	02-AUG-2004 11:19:17	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	12673	No
129	GOM_NL__2PRFIN20040802_112036_000000422029_00094_12673_2115.N1	02-AUG-2004 11:20:36	Dark	42.000	125	44Iot Ori	2.7700	30000.	84	12673	No
130	GOM_NL__2PRFIN20040802_112229_000000442029_00094_12673_2116.N1	02-AUG-2004 11:22:29	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	12673	No
131	GOM_NL__2PRFIN20040802_112356_000000432029_00094_12673_2117.N1	02-AUG-2004 11:23:56	Dark	43.000	101	11Alp Lep	2.5820	7000.0	86	12673	No
132	GOM_NL__2PRFIN20040802_112634_000000602029_00094_12673_2118.N1	02-AUG-2004 11:26:34	Dark	60.000	165	34Gam Eri	2.9500	3200.0	120	12673	No
133	GOM_NL__2PRFIN20040802_113559_000000502029_00095_12674_2119.N1	02-AUG-2004 11:35:59	Dark	49.500	157	The1Eri	2.9060	9300.0	99	12674	No
134	GOM_NL__2PRFIN20040802_114123_000000472029_00095_12674_2090.N1	02-AUG-2004 11:41:23	Dark	46.500	9	Alp Eri	0.45300	24000.	93	12674	No
135	GOM_NL__2PRFIN20040802_114311_000000402029_00095_12674_2091.N1	02-AUG-2004 11:43:11	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	12674	No
136	GOM_NL__2PRFIN20040802_114618_000000602029_00095_12674_2092.N1	02-AUG-2004 11:46:18	Straylight	59.500	84	Alp Phe	2.3970	4500.0	119	12674	No
137	GOM_NL__2PRFIN20040802_114808_000000482029_00095_12674_2093.N1	02-AUG-2004 11:48:08	Straylight	48.000	148	Alp Tuc	2.8780	4100.0	96	12674	No
138	GOM_NL__2PRFIN20040802_115023_000000602029_00095_12674_2094.N1	02-AUG-2004 11:50:23	Straylight	59.500	63	Bet Gru	2.1500	2800.0	119	12674	No
139	GOM_NL__2PRFIN20040802_115508_000000702029_00095_12674_2095.N1	02-AUG-2004 11:55:08	Tw_i_and_stray	69.500	18	24Alp PsA	1.1660	9700.0	139	12674	No
140	GOM_NL__2PRFIN20040802_115936_000000442029_00095_12674_2096.N1	02-AUG-2004 11:59:36	Bright	44.000	103	38Zet Sgr	2.6000	9700.0	88	12674	No
141	GOM_NL__2PRFIN20040802_120211_000000512029_00095_12674_2097.N1	02-AUG-2004 12:02:11	Bright	51.000	142	49Del Cap	2.8500	8900.0	102	12674	No
142	GOM_NL__2PRFIN20040802_120617_000000552029_00095_12674_2098.N1	02-AUG-2004 12:06:17	Bright	54.500	154	22Bet Aqr	2.8990	5700.0	109	12674	No
143	GOM_NL__2PRFIN20040802_121017_000000392029_00095_12674_2099.N1	02-AUG-2004 12:10:17	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	12674	No
144	GOM_NL__2PRFIN20040802_121146_000000372029_00095_12674_2100.N1	02-AUG-2004 12:11:46	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	12674	No
145	GOM_NL__2PRFIN20040802_121851_000000372029_00095_12674_2101.N1	02-AUG-2004 12:18:51	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	12674	No
146	GOM_NL__2PRFIN20040802_122049_000000382029_00095_12674_2102.N1	02-AUG-2004 12:20:49	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	12674	No
147	GOM_NL__2PRFIN20040802_122241_000000402029_00095_12674_2103.N1	02-AUG-2004 12:22:41	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	12674	No
148	GOM_NL__2PRFIN20040802_122644_000000392029_00095_12674_2104.N1	02-AUG-2004 12:26:44	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	12674	No
149	GOM_NL__2PRFIN20040802_123052_000000402029_00095_12674_2105.N1	02-AUG-2004 12:30:52	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	12674	No
150	GOM_NL__2PRFIN20040802_123319_000000382029_00095_12674_2106.N1	02-AUG-2004 12:33:19	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	12674	No
151	GOM_NL__2PRFIN20040802_123539_000000482029_00095_12674_2107.N1	02-AUG-2004 12:35:39	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	12674	No
152	GOM_NL__2PRFIN20040802_124208_000000492029_00095_12674_2108.N1	02-AUG-2004 12:42:08	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	12674	No
153	GOM_NL__2PRFIN20040802_124500_000000902029_00095_12674_2109.N1	02-AUG-2004 12:45:00	Bright	89.500	73	57Gam1And	2.2600	13100.	179	12674	No
154	GOM_NL__2PRFIN20040802_124738_000002552029_00095_12674_2110.N1	02-AUG-2004 12:47:38	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12674	No
155	GOM_NL__2PRFIN20040802_125324_000000432029_00095_12674_2111.N1	02-AUG-2004 12:53:24	Tw_i_and_stray	42.500	176	23Zet Tau	3.0200	22000.	85	12674	No
156	GOM_NL__2PRFIN20040802_125559_000000652029_00095_12674_2112.N1	02-AUG-2004 12:55:59	Dark	65.000	13	87Alp Tau	0.86700	3800.0	130	12674	No
157	GOM_NL__2PRFIN20040802_125757_000000502029_00095_12674_2113.N1	02-AUG-2004 12:57:57	Dark	50.000	27	24Gam Ori	1.6360	26000.	100	12674	No
158	GOM_NL__2PRFIN20040802_125953_000000452029_00095_12674_2114.N1	02-AUG-2004 12:59:53	Dark	44.500	30	46Eps Ori	1.6940	30000.	89	12674	No
159	GOM_NL__2PRFIN20040802_130113_000000422029_00095_12674_2115.N1	02-AUG-2004 13:01:13	Dark	42.000	125	44Iot Ori	2.7700	30000.	84	12674	No
160	GOM_NL__2PRFIN20040802_130305_000000392029_00095_12674_2116.N1	02-AUG-2004 13:03:05	Dark	39.000	1	9Alp CMa	-1.4400	11000.	78	12674	No

161	GOM_NL__2PRFIN20040802_130433_000000422029_00095_12674_2117.N1	02-AUG-2004 13:04:33	Dark	41.500	101	11Alp Lep	2.5820	7000.0	83	12674	No
162	GOM_NL__2PRFIN20040802_130711_000000582029_00095_12674_2118.N1	02-AUG-2004 13:07:11	Dark	58.000	165	34Gam Eri	2.9500	3200.0	116	12674	No
163	GOM_NL__2PRFIN20040802_131636_000000492029_00096_12675_2119.N1	02-AUG-2004 13:16:36	Dark	49.000	157	The1Eri	2.9060	9300.0	98	12675	No
164	GOM_NL__2PRFIN20040802_132200_000000462029_00096_12675_2091.N1	02-AUG-2004 13:22:00	Dark	45.500	9	Alp Eri	0.45300	24000.	91	12675	No
165	GOM_NL__2PRFIN20040802_132347_000000402029_00096_12675_2092.N1	02-AUG-2004 13:23:47	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	12675	No
166	GOM_NL__2PRFIN20040802_132654_000000602029_00096_12675_2093.N1	02-AUG-2004 13:26:54	Straylight	60.000	84	Alp Phe	2.3970	4500.0	120	12675	No
167	GOM_NL__2PRFIN20040802_132844_000000462029_00096_12675_2094.N1	02-AUG-2004 13:28:44	Straylight	45.500	148	Alp Tuc	2.8780	4100.0	91	12675	No
168	GOM_NL__2PRFIN20040802_133207_000000512029_00096_12675_2095.N1	02-AUG-2004 13:32:07	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	12675	No
169	GOM_NL__2PRFIN20040802_133544_000000722029_00096_12675_2096.N1	02-AUG-2004 13:35:44	Twilight_and_stray	72.000	18	24Alp PsA	1.1660	9700.0	144	12675	No
170	GOM_NL__2PRFIN20040802_134013_000000512029_00096_12675_2097.N1	02-AUG-2004 13:40:13	Bright	50.500	103	38Zet Sgr	2.6000	9700.0	101	12675	No
171	GOM_NL__2PRFIN20040802_134246_000000532029_00096_12675_2098.N1	02-AUG-2004 13:42:46	Bright	52.500	142	49Del Cap	2.8500	8900.0	105	12675	No
172	GOM_NL__2PRFIN20040802_134653_000000522029_00096_12675_2099.N1	02-AUG-2004 13:46:53	Bright	51.500	154	22Bet Aqr	2.8990	5700.0	103	12675	No
173	GOM_NL__2PRFIN20040802_135052_000000392029_00096_12675_2100.N1	02-AUG-2004 13:50:52	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	12675	No
174	GOM_NL__2PRFIN20040802_135221_000000372029_00096_12675_2101.N1	02-AUG-2004 13:52:21	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	12675	No
175	GOM_NL__2PRFIN20040802_135927_000000402029_00096_12675_2102.N1	02-AUG-2004 13:59:27	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	12675	No
176	GOM_NL__2PRFIN20040802_140125_000000382029_00096_12675_2103.N1	02-AUG-2004 14:01:25	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	12675	No
177	GOM_NL__2PRFIN20040802_140317_000000412029_00096_12675_2104.N1	02-AUG-2004 14:03:17	Bright	41.000	69	33Gam Dra	2.2310	3800.0	82	12675	No
178	GOM_NL__2PRFIN20040802_140721_000000382029_00096_12675_2105.N1	02-AUG-2004 14:07:21	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	12675	No
179	GOM_NL__2PRFIN20040802_141128_000000392029_00096_12675_2106.N1	02-AUG-2004 14:11:28	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	12675	No
180	GOM_NL__2PRFIN20040802_141356_000000382029_00096_12675_2107.N1	02-AUG-2004 14:13:56	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	12675	No
181	GOM_NL__2PRFIN20040802_141614_000000512029_00096_12675_2108.N1	02-AUG-2004 14:16:14	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	12675	No
182	GOM_NL__2PRFIN20040802_142245_000000322029_00096_12675_2109.N1	02-AUG-2004 14:22:45	Twilight_and_stray	32.000	160	23Gam Per	2.9300	4700.0	64	12675	No
183	GOM_NL__2PRFIN20040802_142535_000000872029_00096_12675_2110.N1	02-AUG-2004 14:25:35	Bright	87.000	73	57Gam1And	2.2600	13100.	174	12675	No
184	GOM_NL__2PRFIN20040802_142813_0000002552029_00096_12675_2111.N1	02-AUG-2004 14:28:13	Twilight_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12675	No
185	GOM_NL__2PRFIN20040802_143400_000000422029_00096_12675_2112.N1	02-AUG-2004 14:34:00	Twilight_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	12675	No
186	GOM_NL__2PRFIN20040802_143635_000000652029_00096_12675_2113.N1	02-AUG-2004 14:36:35	Dark	65.000	13	87Alp Tau	0.86700	3800.0	130	12675	No
187	GOM_NL__2PRFIN20040802_143834_000000422029_00096_12675_2114.N1	02-AUG-2004 14:38:34	Dark	42.000	27	24Gam Ori	1.6360	26000.	84	12675	No
188	GOM_NL__2PRFIN20040802_144029_000000402029_00096_12675_2115.N1	02-AUG-2004 14:40:29	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	12675	No
189	GOM_NL__2PRFIN20040802_144149_000000392029_00096_12675_2116.N1	02-AUG-2004 14:41:49	Dark	39.000	125	44Iot Ori	2.7700	30000.	78	12675	No
190	GOM_NL__2PRFIN20040802_144341_000000452029_00096_12675_2117.N1	02-AUG-2004 14:43:41	Dark	45.000	1	9Alp CMa	-1.4400	11000.	90	12675	No
191	GOM_NL__2PRFIN20040802_144509_000000442029_00096_12675_2118.N1	02-AUG-2004 14:45:09	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	12675	No
192	GOM_NL__2PRFIN20040802_144736_000000402029_00096_12675_2119.N1	02-AUG-2004 14:47:36	Dark	39.500	177	1Zet CMa	3.0220	26000.	79	12675	No
193	GOM_NL__2PRFIN20040802_145346_000000512029_00096_12675_2120.N1	02-AUG-2004 14:53:46	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	12675	No
194	GOM_NL__2PRFIN20040802_145713_000000492029_00097_12676_2121.N1	02-AUG-2004 14:57:13	Dark	49.000	157	The1Eri	2.9060	9300.0	98	12676	No
195	GOM_NL__2PRFIN20040802_150236_000000482029_00097_12676_2122.N1	02-AUG-2004 15:02:36	Dark	47.500	9	Alp Eri	0.45300	24000.	95	12676	No
196	GOM_NL__2PRFIN20040802_150422_000000412029_00097_12676_2123.N1	02-AUG-2004 15:04:22	Dark	41.000	135	Bet Hyi	2.8200	5800.0	82	12676	No
197	GOM_NL__2PRFIN20040802_150731_000000652029_00097_12676_2124.N1	02-AUG-2004 15:07:31	Straylight	65.000	84	Alp Phe	2.3970	4500.0	130	12676	No
198	GOM_NL__2PRFIN20040802_150920_000000462029_00097_12676_2125.N1	02-AUG-2004 15:09:20	Straylight	45.500	148	Alp Tuc	2.8780	4100.0	91	12676	No
199	GOM_NL__2PRFIN20040802_151244_000000522029_00097_12676_2126.N1	02-AUG-2004 15:12:44	Straylight	52.000	31	Alp Gru	1.7340	15200.	104	12676	No
200	GOM_NL__2PRFIN20040802_151621_000000682029_00097_12676_2127.N1	02-AUG-2004 15:16:21	Twilight_and_stray	68.000	18	24Alp PsA	1.1660	9700.0	136	12676	No
201	GOM_NL__2PRFIN20040802_152048_000000462029_00097_12676_2128.N1	02-AUG-2004 15:20:48	Bright	46.000	103	38Zet Sgr	2.6000	9700.0	92	12676	No
202	GOM_NL__2PRFIN20040802_152323_000000542029_00097_12676_2129.N1	02-AUG-2004 15:23:23	Bright	53.500	142	49Del Cap	2.8500	8900.0	107	12676	No
203	GOM_NL__2PRFIN20040802_152729_000000532029_00097_12676_2130.N1	02-AUG-2004 15:27:29	Bright	53.000	154	22Bet Aqr	2.8990	5700.0	106	12676	No
204	GOM_NL__2PRFIN20040802_153128_000000402029_00097_12676_2131.N1	02-AUG-2004 15:31:28	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	12676	No
205	GOM_NL__2PRFIN20040802_153256_000000382029_00097_12676_2132.N1	02-AUG-2004 15:32:56	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	12676	No
206	GOM_NL__2PRFIN20040802_154003_000000422029_00097_12676_2133.N1	02-AUG-2004 15:40:03	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	12676	No
207	GOM_NL__2PRFIN20040802_154200_000000362029_00097_12676_2134.N1	02-AUG-2004 15:42:00	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	12676	No
208	GOM_NL__2PRFIN20040802_154353_000000382029_00097_12676_2135.N1	02-AUG-2004 15:43:53	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	12676	No
209	GOM_NL__2PRFIN20040802_154757_000000362029_00097_12676_2136.N1	02-AUG-2004 15:47:57	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	12676	No
210	GOM_NL__2PRFIN20040802_155204_000000362029_00097_12676_2137.N1	02-AUG-2004 15:52:04	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	12676	No
211	GOM_NL__2PRFIN20040802_155431_000000392029_00097_12676_2138.N1	02-AUG-2004 15:54:31	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	12676	No
212	GOM_NL__2PRFIN20040802_155649_000000512029_00097_12676_2139.N1	02-AUG-2004 15:56:49	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	12676	No
213	GOM_NL__2PRFIN20040802_160320_000000702029_00097_12676_2140.N1	02-AUG-2004 16:03:20	Bright	70.000	160	23Gam Per	2.9300	4700.0	140	12676	No
214	GOM_NL__2PRFIN20040802_160611_000000862029_00097_12676_2141.N1	02-AUG-2004 16:06:11	Bright	85.500	73	57Gam1And	2.2600	13100.	171	12676	No
215	GOM_NL__2PRFIN20040802_160847_0000002552029_00097_12676_2142.N1	02-AUG-2004 16:08:47	Twilight_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12676	No
216	GOM_NL__2PRFIN20040802_161436_000000432029_00097_12676_2143.N1	02-AUG-2004 16:14:36	Twilight_and_stray	43.000	176	23Zet Tau	3.0200	22000.	86	12676	No
217	GOM_NL__2PRFIN20040802_161711_000000572029_00097_12676_2144.N1	02-AUG-2004 16:17:11	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	12676	No
218	GOM_NL__2PRFIN20040802_161910_000000422029_00097_12676_2145.N1	02-AUG-2004 16:19:10	Dark	41.500	27	24Gam Ori	1.6360	26000.	83	12676	No
219	GOM_NL__2PRFIN20040802_162105_000000412029_00097_12676_2146.N1	02-AUG-2004 16:21:05	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	12676	No

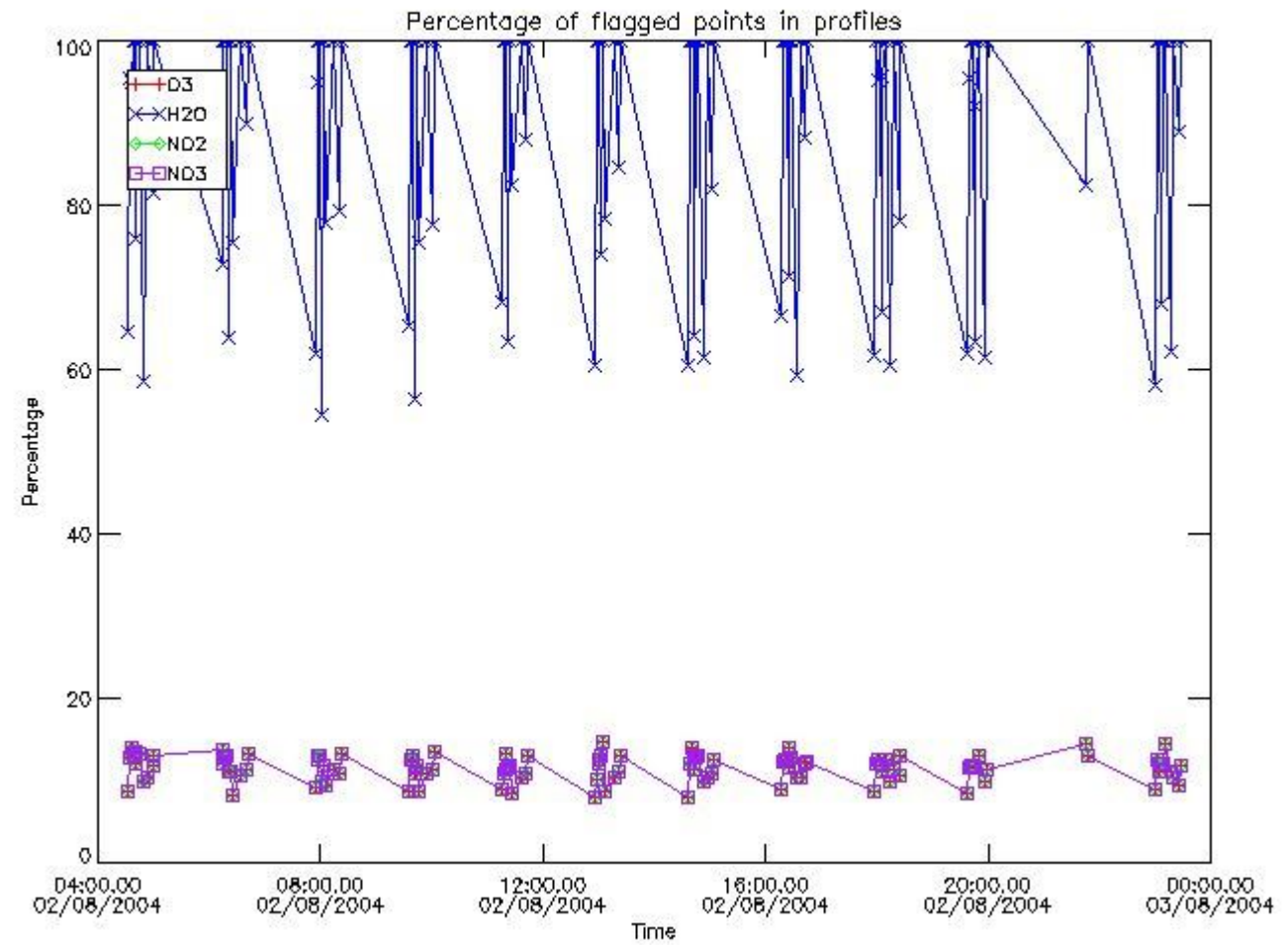
220	GOM_NL__2PRFIN20040802_162225_000000412029_00097_12676_2147.N1	02-AUG-2004 16:22:25	Dark	41.000	125	44Iot Ori	2.7700	30000.	82	12676	No
221	GOM_NL__2PRFIN20040802_162417_000000442029_00097_12676_2148.N1	02-AUG-2004 16:24:17	Dark	44.000	1	9Alp CMA	-1.4400	11000.	88	12676	No
222	GOM_NL__2PRFIN20040802_162545_000000442029_00097_12676_2149.N1	02-AUG-2004 16:25:45	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	12676	No
223	GOM_NL__2PRFIN20040802_162812_000000402029_00097_12676_2150.N1	02-AUG-2004 16:28:12	Dark	40.000	177	1Zet CMA	3.0220	26000.	80	12676	No
224	GOM_NL__2PRFIN20040802_163422_000000502029_00097_12676_2151.N1	02-AUG-2004 16:34:22	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	12676	No
225	GOM_NL__2PRFIN20040802_163750_000000502029_00098_12677_2110.N1	02-AUG-2004 16:37:50	Dark	49.500	157	The1Eri	2.9060	9300.0	99	12677	No
226	GOM_NL__2PRFIN20040802_164313_000000432029_00098_12677_2111.N1	02-AUG-2004 16:43:13	Dark	42.500	9	Alp Eri	0.45300	24000.	85	12677	No
227	GOM_NL__2PRFIN20040802_164459_000000422029_00098_12677_2112.N1	02-AUG-2004 16:44:59	Dark	41.500	135	Bet Hyi	2.8200	5800.0	83	12677	No
228	GOM_NL__2PRFIN20040802_164809_000000572029_00098_12677_2113.N1	02-AUG-2004 16:48:09	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	12677	No
229	GOM_NL__2PRFIN20040802_164956_000000432029_00098_12677_2114.N1	02-AUG-2004 16:49:56	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	12677	No
230	GOM_NL__2PRFIN20040802_165320_000000462029_00098_12677_2115.N1	02-AUG-2004 16:53:20	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	12677	No
231	GOM_NL__2PRFIN20040802_165658_000000712029_00098_12677_2116.N1	02-AUG-2004 16:56:58	Tw_i_and_stray	70.500	18	24Alp PsA	1.1660	9700.0	141	12677	No
232	GOM_NL__2PRFIN20040802_170124_000000472029_00098_12677_2117.N1	02-AUG-2004 17:01:24	Bright	47.000	103	38Zet Sgr	2.6000	9700.0	94	12677	No
233	GOM_NL__2PRFIN20040802_170359_000000542029_00098_12677_2118.N1	02-AUG-2004 17:03:59	Bright	53.500	142	49Del Cap	2.8500	8900.0	107	12677	No
234	GOM_NL__2PRFIN20040802_170804_000000532029_00098_12677_2119.N1	02-AUG-2004 17:08:04	Bright	53.000	154	22Bet Aqr	2.8990	5700.0	106	12677	No
235	GOM_NL__2PRFIN20040802_171204_000000392029_00098_12677_2120.N1	02-AUG-2004 17:12:04	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	12677	No
236	GOM_NL__2PRFIN20040802_171333_000000392029_00098_12677_2121.N1	02-AUG-2004 17:13:33	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	12677	No
237	GOM_NL__2PRFIN20040802_172038_000000372029_00098_12677_2122.N1	02-AUG-2004 17:20:38	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	12677	No
238	GOM_NL__2PRFIN20040802_172236_000000392029_00098_12677_2123.N1	02-AUG-2004 17:22:36	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	12677	No
239	GOM_NL__2PRFIN20040802_172428_000000432029_00098_12677_2124.N1	02-AUG-2004 17:24:28	Bright	43.000	69	33Gam Dra	2.2310	3800.0	86	12677	No
240	GOM_NL__2PRFIN20040802_172833_000000392029_00098_12677_2125.N1	02-AUG-2004 17:28:33	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	12677	No
241	GOM_NL__2PRFIN20040802_173241_000000392029_00098_12677_2126.N1	02-AUG-2004 17:32:41	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	12677	No
242	GOM_NL__2PRFIN20040802_173507_000000392029_00098_12677_2127.N1	02-AUG-2004 17:35:07	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	12677	No
243	GOM_NL__2PRFIN20040802_173725_000000512029_00098_12677_2128.N1	02-AUG-2004 17:37:25	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	12677	No
244	GOM_NL__2PRFIN20040802_174356_000000702029_00098_12677_2129.N1	02-AUG-2004 17:43:56	Bright	70.000	160	23Gam Per	2.9300	4700.0	140	12677	No
245	GOM_NL__2PRFIN20040802_174646_000000862029_00098_12677_2130.N1	02-AUG-2004 17:46:46	Bright	86.000	73	57Gam1And	2.2600	13100.	172	12677	No
246	GOM_NL__2PRFIN20040802_174922_000002552029_00098_12677_2131.N1	02-AUG-2004 17:49:22	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12677	No
247	GOM_NL__2PRFIN20040802_175513_000000432029_00098_12677_2132.N1	02-AUG-2004 17:55:13	Tw_i_and_stray	43.000	176	23Zet Tau	3.0200	22000.	86	12677	No
248	GOM_NL__2PRFIN20040802_175748_000000592029_00098_12677_2133.N1	02-AUG-2004 17:57:48	Dark	59.000	13	87Alp Tau	0.86700	3800.0	118	12677	No
249	GOM_NL__2PRFIN20040802_175947_000000422029_00098_12677_2134.N1	02-AUG-2004 17:59:47	Dark	42.000	27	24Gam Ori	1.6360	26000.	84	12677	No
250	GOM_NL__2PRFIN20040802_180141_000000412029_00098_12677_2135.N1	02-AUG-2004 18:01:41	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	12677	No
251	GOM_NL__2PRFIN20040802_180302_000000432029_00098_12677_2136.N1	02-AUG-2004 18:03:02	Dark	42.500	125	44Iot Ori	2.7700	30000.	85	12677	No
252	GOM_NL__2PRFIN20040802_180453_000000432029_00098_12677_2137.N1	02-AUG-2004 18:04:53	Dark	43.000	1	9Alp CMA	-1.4400	11000.	86	12677	No
253	GOM_NL__2PRFIN20040802_180622_000000462029_00098_12677_2138.N1	02-AUG-2004 18:06:22	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	12677	No
254	GOM_NL__2PRFIN20040802_180849_000000412029_00098_12677_2139.N1	02-AUG-2004 18:08:49	Dark	40.500	177	1Zet CMA	3.0220	26000.	81	12677	No
255	GOM_NL__2PRFIN20040802_181458_000000512029_00098_12677_2140.N1	02-AUG-2004 18:14:58	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	12677	No
256	GOM_NL__2PRFIN20040802_181827_000000492029_00099_12678_2110.N1	02-AUG-2004 18:18:27	Dark	49.000	157	The1Eri	2.9060	9300.0	98	12678	No
257	GOM_NL__2PRFIN20040802_182350_000000492029_00099_12678_2111.N1	02-AUG-2004 18:23:50	Dark	48.500	9	Alp Eri	0.45300	24000.	97	12678	No
258	GOM_NL__2PRFIN20040802_182535_000000392029_00099_12678_2112.N1	02-AUG-2004 18:25:35	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	12678	No
259	GOM_NL__2PRFIN20040802_182846_000000562029_00099_12678_2113.N1	02-AUG-2004 18:28:46	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	12678	No
260	GOM_NL__2PRFIN20040802_183033_000000472029_00099_12678_2114.N1	02-AUG-2004 18:30:33	Straylight	47.000	148	Alp Tuc	2.8780	4100.0	94	12678	No
261	GOM_NL__2PRFIN20040802_183357_000000452029_00099_12678_2115.N1	02-AUG-2004 18:33:57	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	12678	No
262	GOM_NL__2PRFIN20040802_183732_000000712029_00099_12678_2116.N1	02-AUG-2004 18:37:32	Tw_i_and_stray	70.500	18	24Alp PsA	1.1660	9700.0	141	12678	No
263	GOM_NL__2PRFIN20040802_184200_000000482029_00099_12678_2117.N1	02-AUG-2004 18:42:00	Bright	48.000	103	38Zet Sgr	2.6000	9700.0	96	12678	No
264	GOM_NL__2PRFIN20040802_184435_000000552029_00099_12678_2118.N1	02-AUG-2004 18:44:35	Bright	54.500	142	49Del Cap	2.8500	8900.0	109	12678	No
265	GOM_NL__2PRFIN20040802_184840_000000532029_00099_12678_2119.N1	02-AUG-2004 18:48:40	Bright	53.000	154	22Bet Aqr	2.8990	5700.0	106	12678	No
266	GOM_NL__2PRFIN20040802_185240_000000402029_00099_12678_2120.N1	02-AUG-2004 18:52:40	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	12678	No
267	GOM_NL__2PRFIN20040802_185409_000000372029_00099_12678_2121.N1	02-AUG-2004 18:54:09	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	12678	No
268	GOM_NL__2PRFIN20040802_190114_000000392029_00099_12678_2122.N1	02-AUG-2004 19:01:14	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	12678	No
269	GOM_NL__2PRFIN20040802_190312_000000382029_00099_12678_2123.N1	02-AUG-2004 19:03:12	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	12678	No
270	GOM_NL__2PRFIN20040802_190504_000000402029_00099_12678_2124.N1	02-AUG-2004 19:05:04	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	12678	No
271	GOM_NL__2PRFIN20040802_190909_000000392029_00099_12678_2125.N1	02-AUG-2004 19:09:09	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	12678	No
272	GOM_NL__2PRFIN20040802_191317_000000392029_00099_12678_2126.N1	02-AUG-2004 19:13:17	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	12678	No
273	GOM_NL__2PRFIN20040802_191543_000000382029_00099_12678_2127.N1	02-AUG-2004 19:15:43	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	12678	No
274	GOM_NL__2PRFIN20040802_191800_000000492029_00099_12678_2128.N1	02-AUG-2004 19:18:00	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	12678	No
275	GOM_NL__2PRFIN20040802_192431_000000512029_00099_12678_2129.N1	02-AUG-2004 19:24:31	Bright	50.500	160	23Gam Per	2.9300	4700.0	101	12678	No
276	GOM_NL__2PRFIN20040802_192722_000000872029_00099_12678_2130.N1	02-AUG-2004 19:27:22	Bright	87.000	73	57Gam1And	2.2600	13100.	174	12678	No
277	GOM_NL__2PRFIN20040802_192957_000002552029_00099_12678_2131.N1	02-AUG-2004 19:29:57	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12678	No
278	GOM_NL__2PRFIN20040802_193549_000000442029_00099_12678_2132.N1	02-AUG-2004 19:35:49	Tw_i_and_stray	44.000	176	23Zet Tau	3.0200	22000.	88	12678	No

279	GOM_NL__2PRFIN20040802_193824_000000612029_00099_12678_2133.N1	02-AUG-2004 19:38:24	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	12678	No
280	GOM_NL__2PRFIN20040802_194023_000000442029_00099_12678_2134.N1	02-AUG-2004 19:40:23	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	12678	No
281	GOM_NL__2PRFIN20040802_194217_000000432029_00099_12678_2135.N1	02-AUG-2004 19:42:17	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	12678	No
282	GOM_NL__2PRFIN20040802_194338_000000442029_00099_12678_2136.N1	02-AUG-2004 19:43:38	Dark	43.500	125	44Iot Ori	2.7700	30000.	87	12678	No
283	GOM_NL__2PRFIN20040802_194529_000000442029_00099_12678_2137.N1	02-AUG-2004 19:45:29	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	12678	No
284	GOM_NL__2PRFIN20040802_194658_000000442029_00099_12678_2138.N1	02-AUG-2004 19:46:58	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	12678	No
285	GOM_NL__2PRFIN20040802_194924_000000392029_00099_12678_2139.N1	02-AUG-2004 19:49:24	Dark	39.000	177	1Zet CMa	3.0220	26000.	78	12678	No
286	GOM_NL__2PRFIN20040802_195534_000000512029_00099_12678_2140.N1	02-AUG-2004 19:55:34	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	12678	No
287	GOM_NL__2PRFIN20040802_195904_000000492029_00100_12679_2110.N1	02-AUG-2004 19:59:04	Dark	49.000	157	The1Eri	2.9060	9300.0	98	12679	No
288	GOM_NL__2PRFIN20040802_214503_000000462029_00101_12680_2110.N1	02-AUG-2004 21:45:03	Dark	46.000	9	Alp Eri	0.45300	24000.	92	12680	No
289	GOM_NL__2PRFIN20040802_214647_000000392029_00101_12680_2111.N1	02-AUG-2004 21:46:47	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	12680	No
290	GOM_NL__2PRFIN20040802_214959_000000672029_00101_12680_2112.N1	02-AUG-2004 21:49:59	Straylight	67.000	84	Alp Phe	2.3970	4500.0	134	12680	No
291	GOM_NL__2PRFIN20040802_215509_000000462029_00101_12680_2113.N1	02-AUG-2004 21:55:09	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	12680	No
292	GOM_NL__2PRFIN20040802_215847_000000692029_00101_12680_2114.N1	02-AUG-2004 21:58:47	Tw_i_and_stray	68.500	18	24Alp PsA	1.1660	9700.0	137	12680	No
293	GOM_NL__2PRFIN20040802_220313_000000482029_00101_12680_2115.N1	02-AUG-2004 22:03:13	Bright	48.000	103	38Zet Sgr	2.6000	9700.0	96	12680	No
294	GOM_NL__2PRFIN20040802_220546_000000532029_00101_12680_2116.N1	02-AUG-2004 22:05:46	Bright	52.500	142	49Del Cap	2.8500	8900.0	105	12680	No
295	GOM_NL__2PRFIN20040802_220952_000000542029_00101_12680_2117.N1	02-AUG-2004 22:09:52	Bright	53.500	154	22Bet Aqr	2.8990	5700.0	107	12680	No
296	GOM_NL__2PRFIN20040802_221352_000000392029_00101_12680_2118.N1	02-AUG-2004 22:13:52	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	12680	No
297	GOM_NL__2PRFIN20040802_221521_000000382029_00101_12680_2119.N1	02-AUG-2004 22:15:21	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	12680	No
298	GOM_NL__2PRFIN20040802_222226_000000372029_00101_12680_2120.N1	02-AUG-2004 22:22:26	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	12680	No
299	GOM_NL__2PRFIN20040802_222423_000000372029_00101_12680_2121.N1	02-AUG-2004 22:24:23	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	12680	No
300	GOM_NL__2PRFIN20040802_222617_000000352029_00101_12680_2122.N1	02-AUG-2004 22:26:17	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	12680	No
301	GOM_NL__2PRFIN20040802_223022_000000392029_00101_12680_2123.N1	02-AUG-2004 22:30:22	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	12680	No
302	GOM_NL__2PRFIN20040802_223429_000000342029_00101_12680_2124.N1	02-AUG-2004 22:34:29	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	12680	No
303	GOM_NL__2PRFIN20040802_223655_000000382029_00101_12680_2125.N1	02-AUG-2004 22:36:55	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	12680	No
304	GOM_NL__2PRFIN20040802_223910_000000502029_00101_12680_2126.N1	02-AUG-2004 22:39:10	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	12680	No
305	GOM_NL__2PRFIN20040802_224542_000000522029_00101_12680_2127.N1	02-AUG-2004 22:45:42	Bright	52.000	160	23Gam Per	2.9300	4700.0	104	12680	No
306	GOM_NL__2PRFIN20040802_224832_000000862029_00101_12680_2128.N1	02-AUG-2004 22:48:32	Bright	85.500	73	57Gam1And	2.2600	13100.	171	12680	No
307	GOM_NL__2PRFIN20040802_225107_000002552029_00101_12680_2129.N1	02-AUG-2004 22:51:07	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12680	No
308	GOM_NL__2PRFIN20040802_225701_000000432029_00101_12680_2130.N1	02-AUG-2004 22:57:01	Tw_i_and_stray	43.000	176	23Zet Tau	3.0200	22000.	86	12680	No
309	GOM_NL__2PRFIN20040802_225937_000000632029_00101_12680_2131.N1	02-AUG-2004 22:59:37	Dark	62.500	13	87Alp Tau	0.86700	3800.0	125	12680	No
310	GOM_NL__2PRFIN20040802_230135_000000452029_00101_12680_2132.N1	02-AUG-2004 23:01:35	Dark	45.000	27	24Gam Ori	1.6360	26000.	90	12680	No
311	GOM_NL__2PRFIN20040802_230330_000000462029_00101_12680_2133.N1	02-AUG-2004 23:03:30	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	12680	No
312	GOM_NL__2PRFIN20040802_230450_000000422029_00101_12680_2134.N1	02-AUG-2004 23:04:50	Dark	42.000	125	44Iot Ori	2.7700	30000.	84	12680	No
313	GOM_NL__2PRFIN20040802_230642_000000432029_00101_12680_2135.N1	02-AUG-2004 23:06:42	Dark	42.500	1	9Alp CMa	-1.4400	11000.	85	12680	No
314	GOM_NL__2PRFIN20040802_230811_000000432029_00101_12680_2136.N1	02-AUG-2004 23:08:11	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	12680	No
315	GOM_NL__2PRFIN20040802_231036_000000392029_00101_12680_2137.N1	02-AUG-2004 23:10:36	Dark	39.000	177	1Zet CMa	3.0220	26000.	78	12680	No
316	GOM_NL__2PRFIN20040802_231645_000000462029_00101_12680_2138.N1	02-AUG-2004 23:16:45	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	12680	No
317	GOM_NL__2PRFIN20040802_232017_000000502029_00102_12681_2110.N1	02-AUG-2004 23:20:17	Dark	49.500	157	The1Eri	2.9060	9300.0	99	12681	No
318	GOM_NL__2PRFIN20040802_232539_000000552029_00102_12681_2111.N1	02-AUG-2004 23:25:39	Dark	54.500	9	Alp Eri	0.45300	24000.	109	12681	No
319	GOM_NL__2PRFIN20040802_232721_000000432029_00102_12681_2112.N1	02-AUG-2004 23:27:21	Dark	43.000	135	Bet Hyi	2.8200	5800.0	86	12681	No
320	GOM_NL__2PRFIN20040802_233036_000000582029_00102_12681_2113.N1	02-AUG-2004 23:30:36	Straylight	58.000	84	Alp Phe	2.3970	4500.0	116	12681	No
321	GOM_NL__2PRFIN20040802_233543_000000502029_00102_12681_2114.N1	02-AUG-2004 23:35:43	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	12681	No
322	GOM_NL__2PRFIN20040802_233924_000000682029_00102_12681_2115.N1	02-AUG-2004 23:39:24	Tw_i_and_stray	67.500	18	24Alp PsA	1.1660	9700.0	135	12681	No
323	GOM_NL__2PRFIN20040802_234346_000000492029_00102_12681_2116.N1	02-AUG-2004 23:43:46	Bright	48.500	103	38Zet Sgr	2.6000	9700.0	97	12681	No
324	GOM_NL__2PRFIN20040802_234622_000000552029_00102_12681_2117.N1	02-AUG-2004 23:46:22	Bright	54.500	142	49Del Cap	2.8500	8900.0	109	12681	No
325	GOM_NL__2PRFIN20040802_235028_000000522029_00102_12681_2118.N1	02-AUG-2004 23:50:28	Bright	51.500	154	22Bet Aqr	2.8990	5700.0	103	12681	No
326	GOM_NL__2PRFIN20040802_235427_000000402029_00102_12681_2119.N1	02-AUG-2004 23:54:27	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	12681	No
327	GOM_NL__2PRFIN20040802_235556_000000392029_00102_12681_2120.N1	02-AUG-2004 23:55:56	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	12681	No

3. Quality information per product

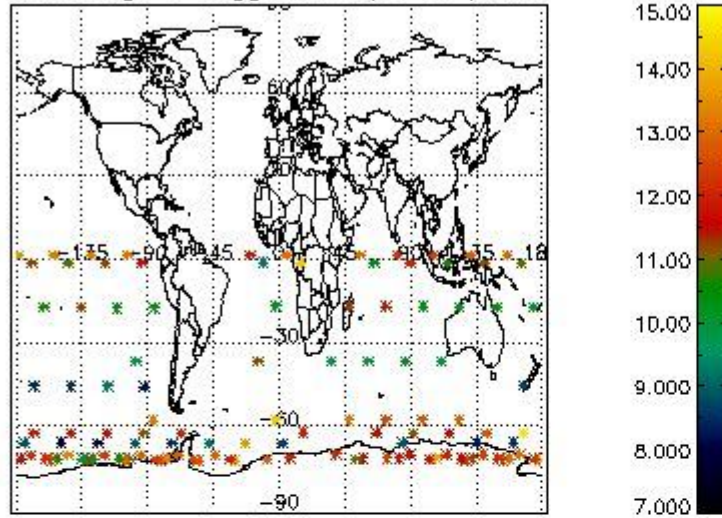
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

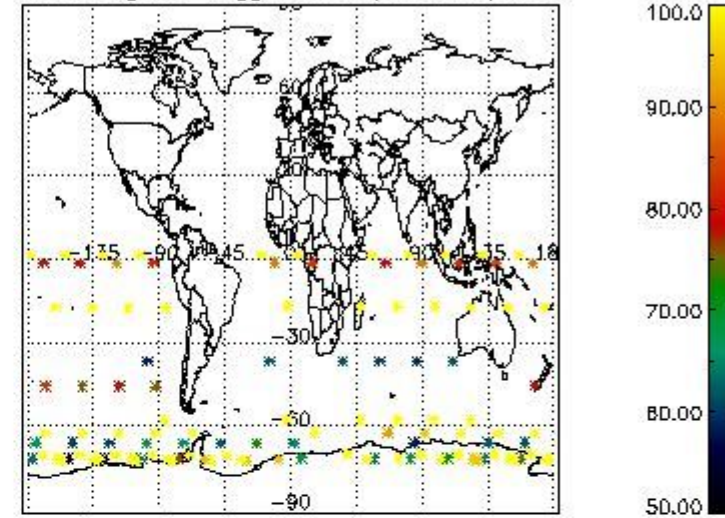


3.2 Plot quality information per product (world map)

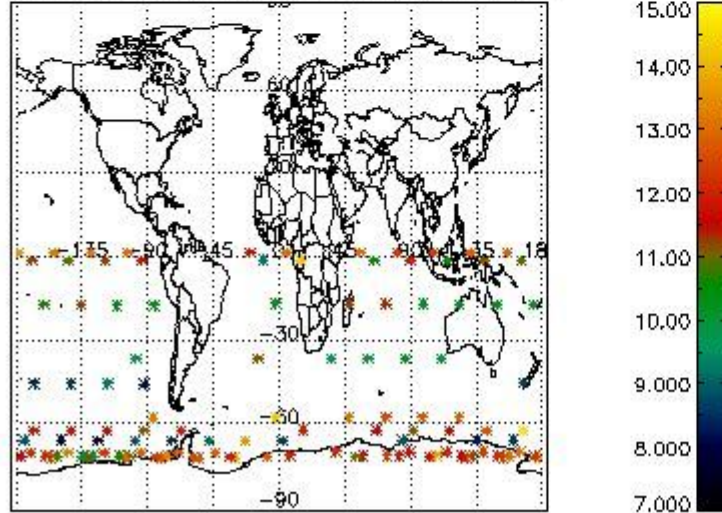
Percentage of flagged data per O3 profile



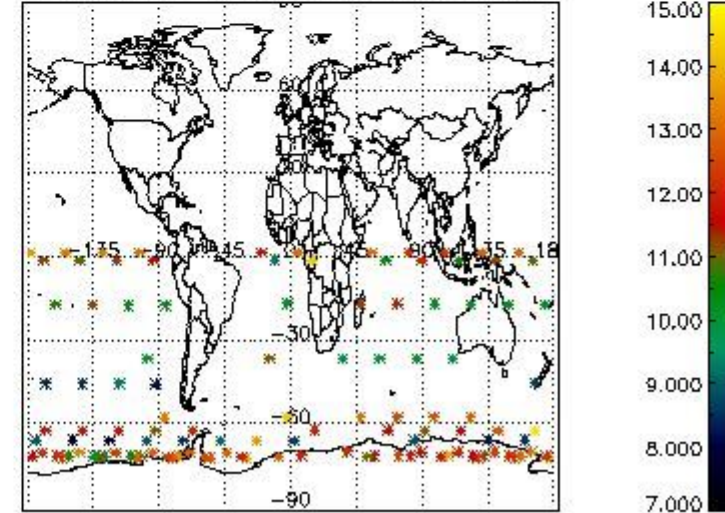
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

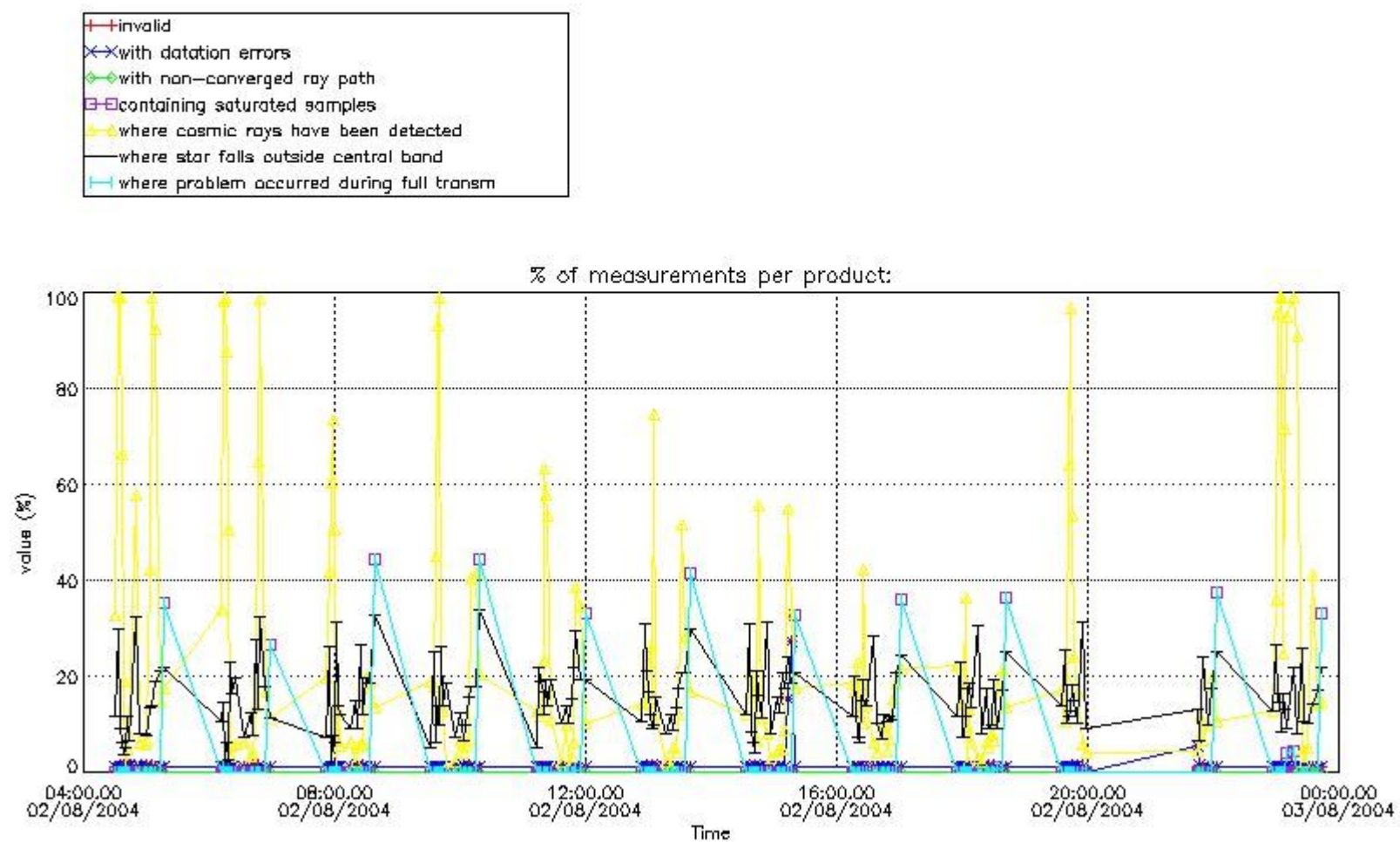


4. Level 1 quality information per product

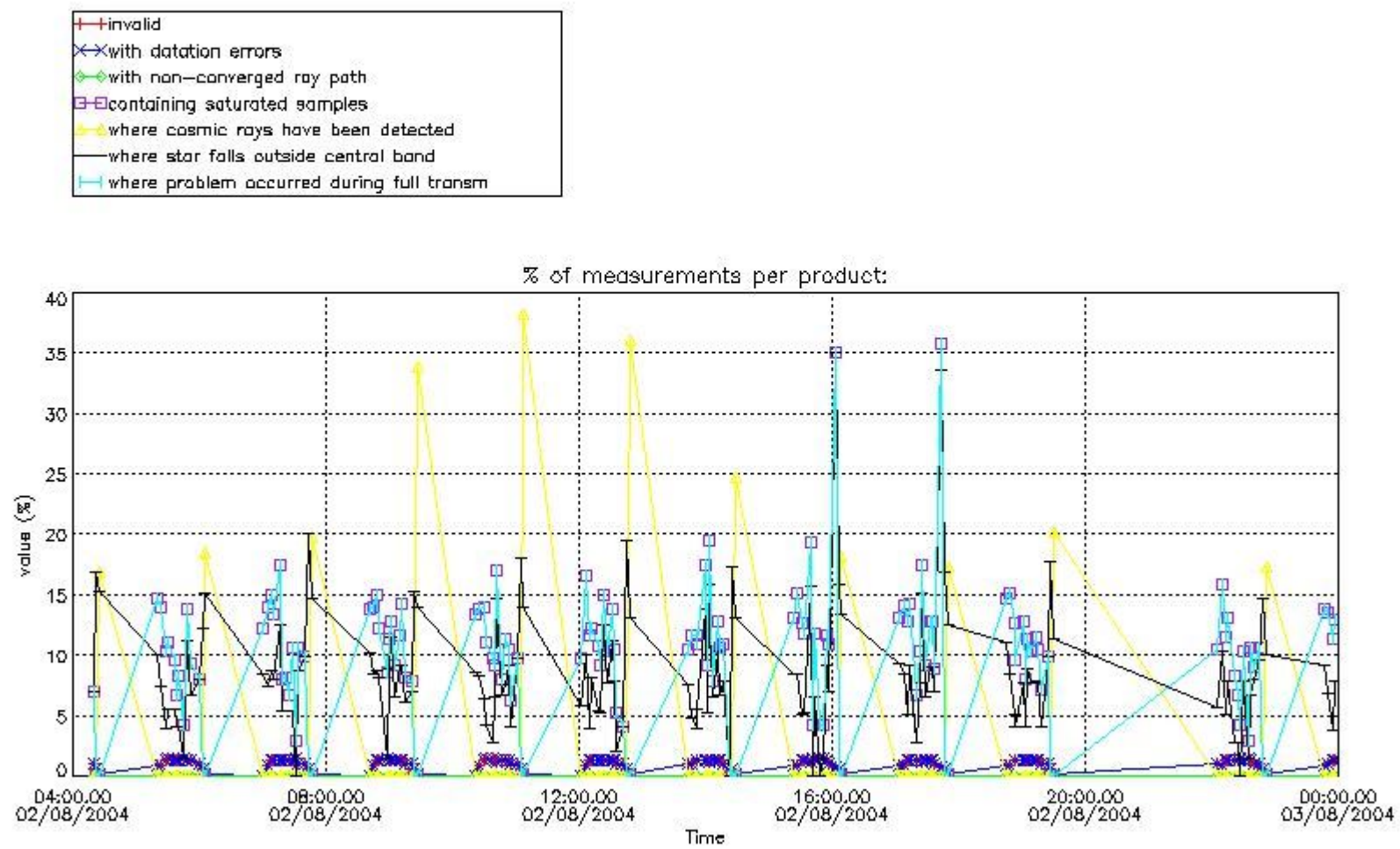
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

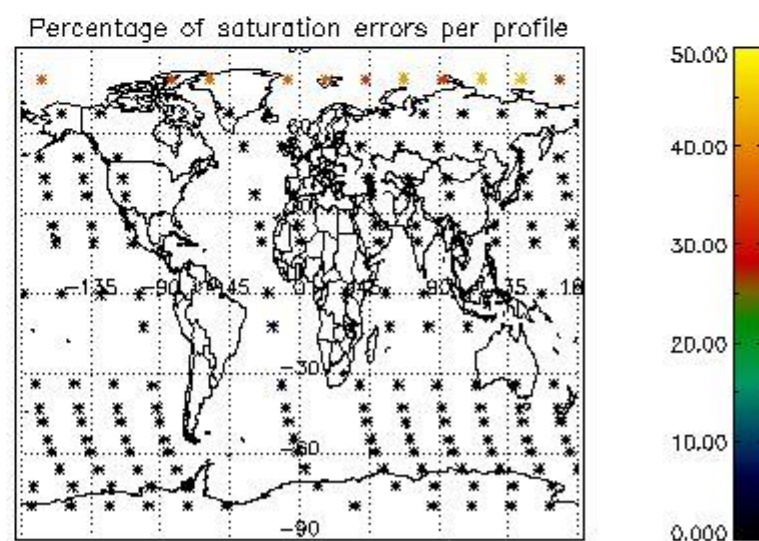
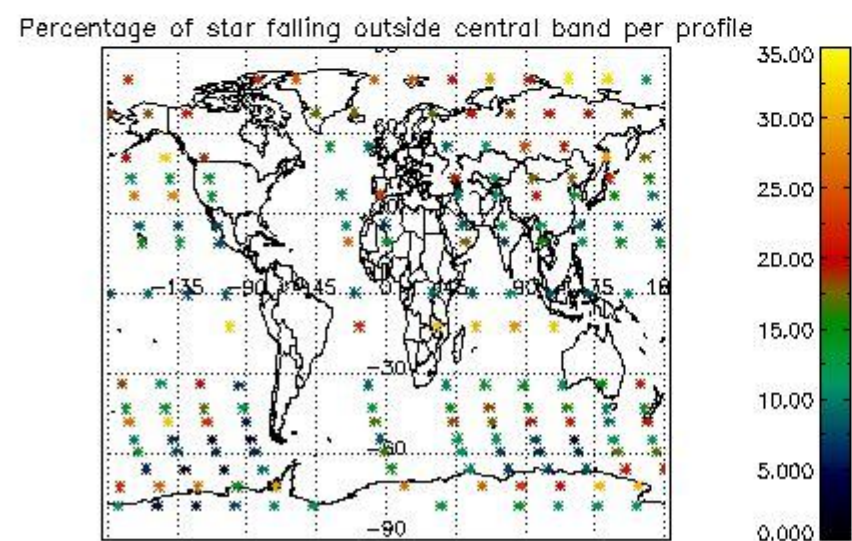
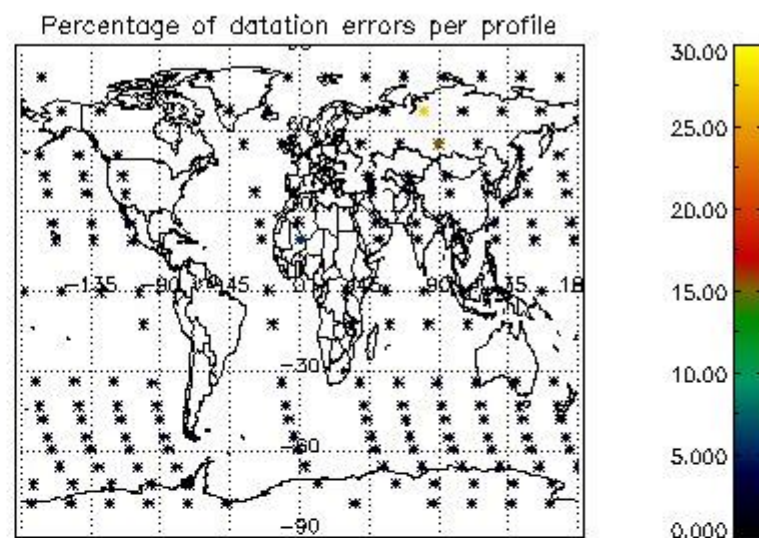
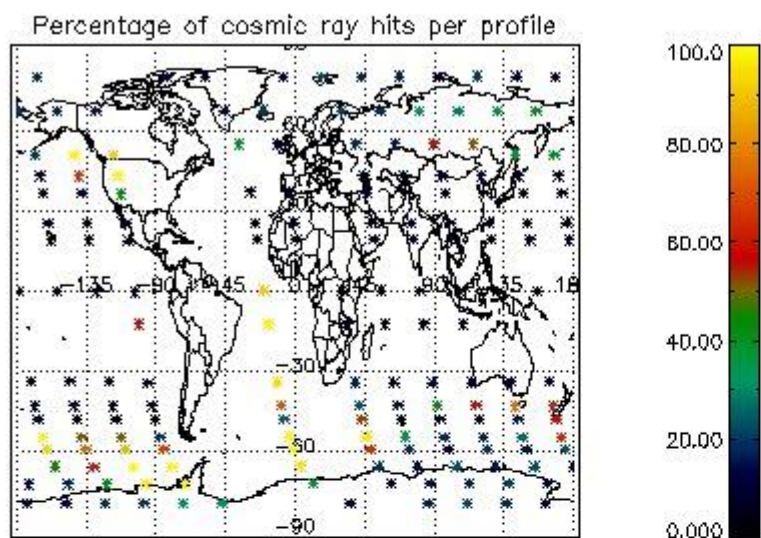


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

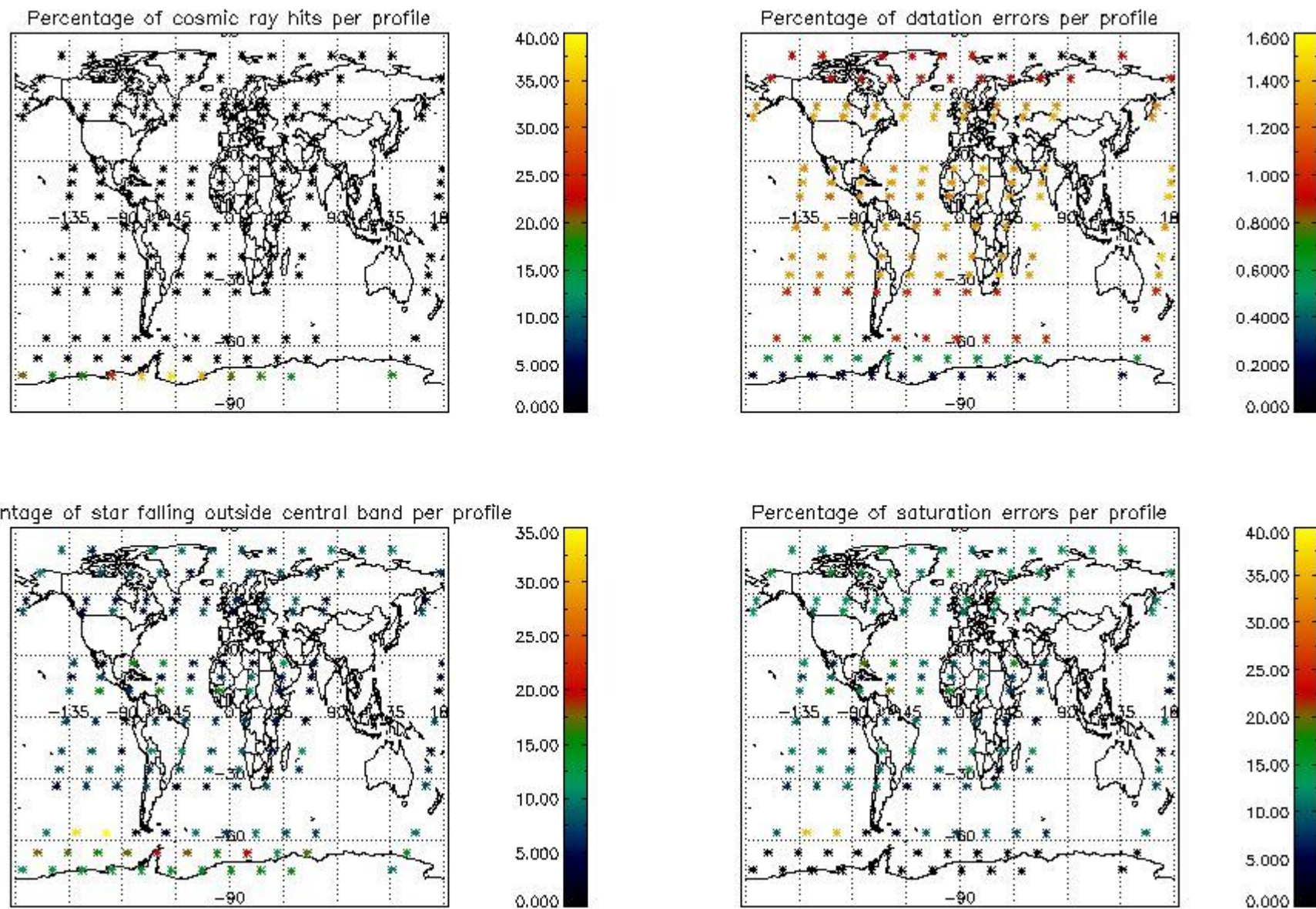


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

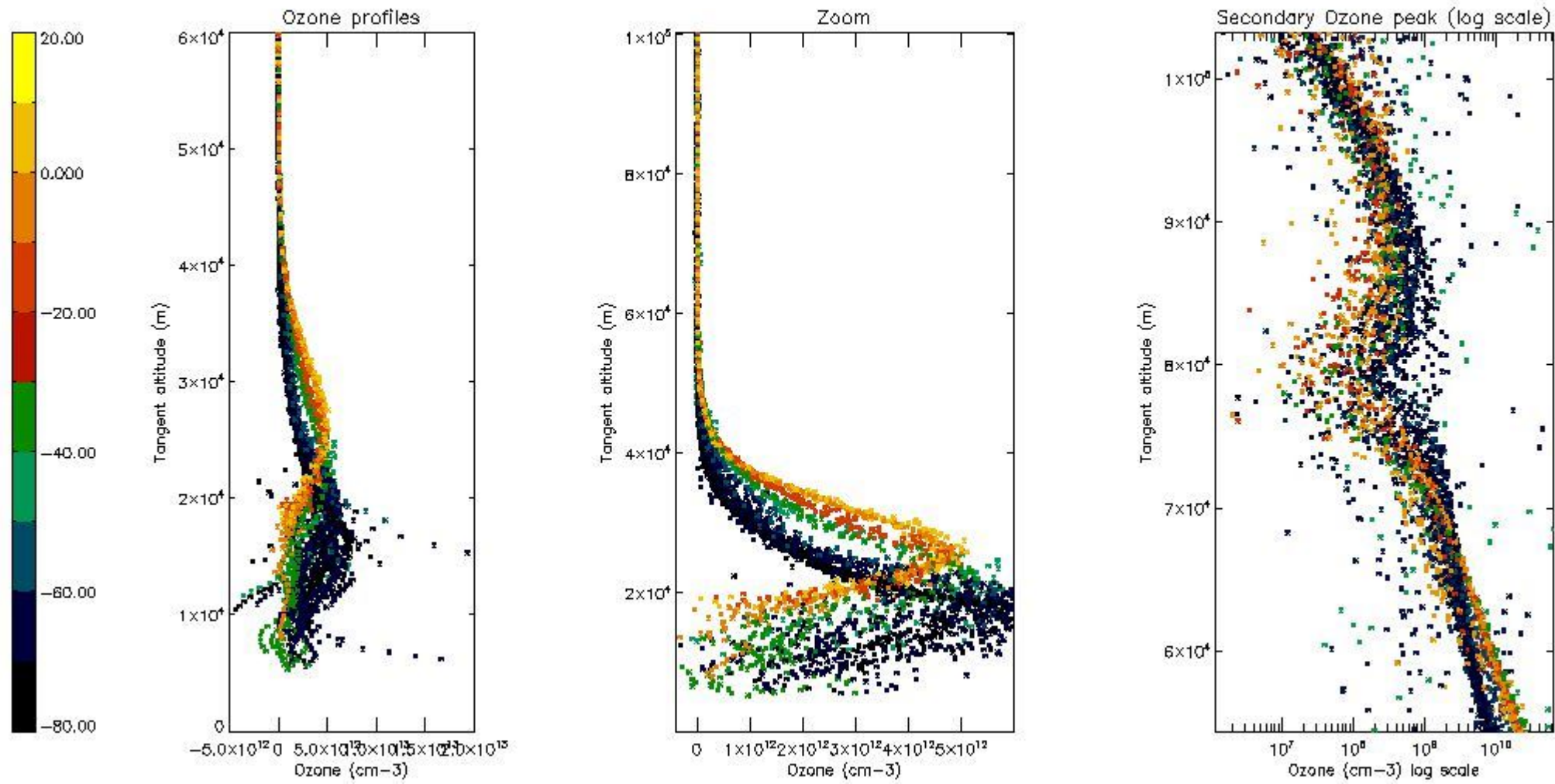
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	18

STD < 10	15
STD < 5	11

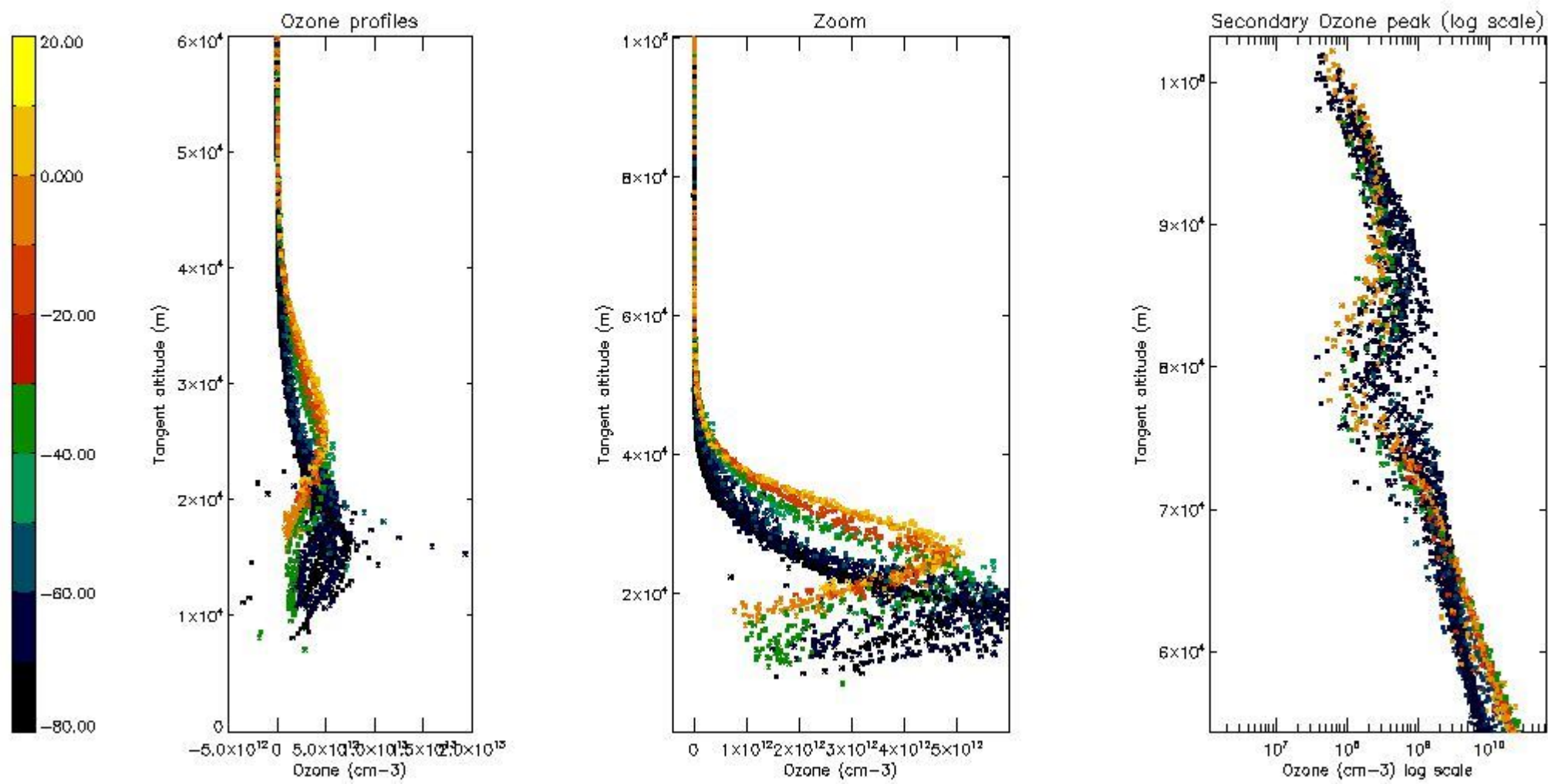
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



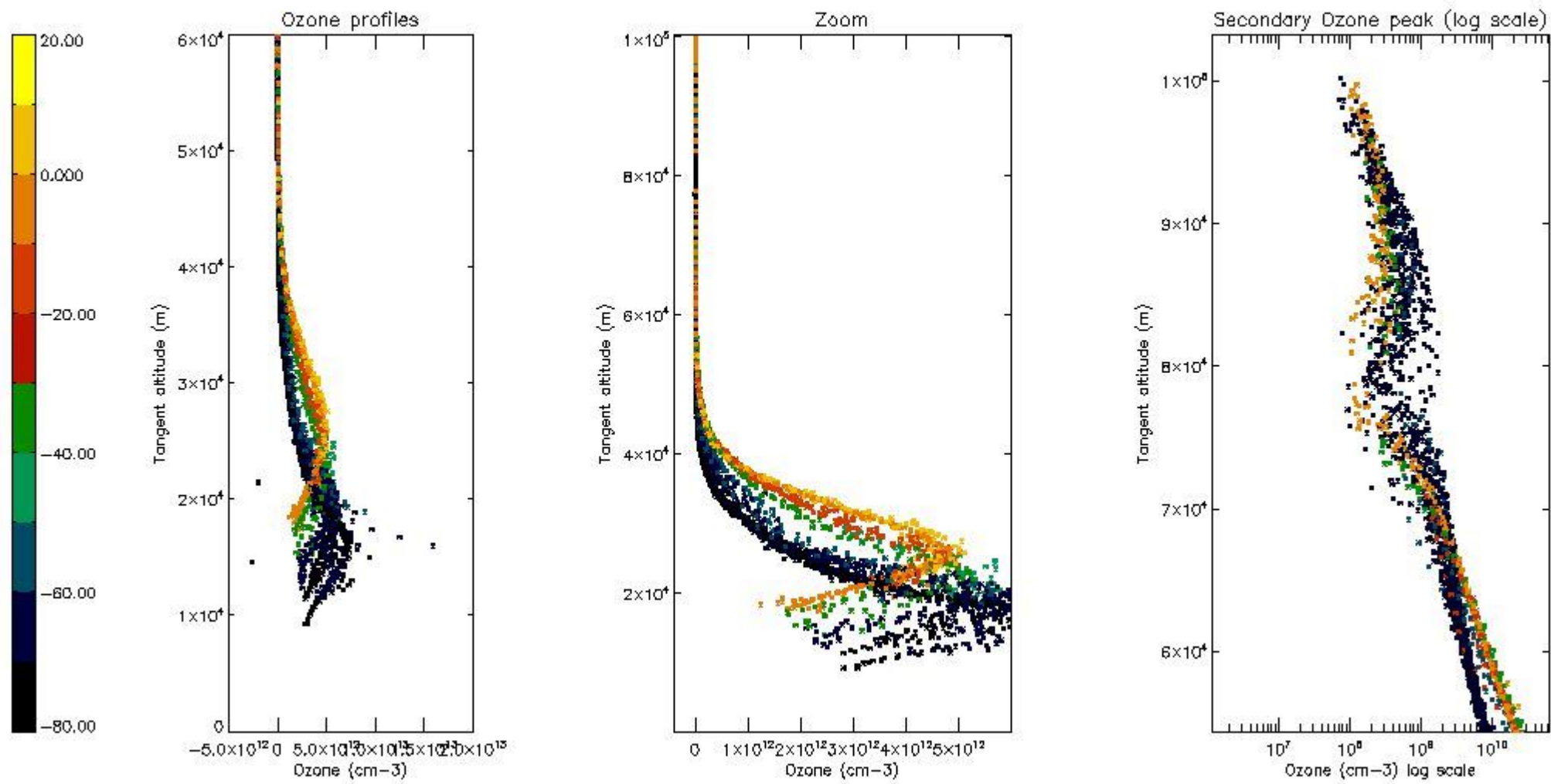
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



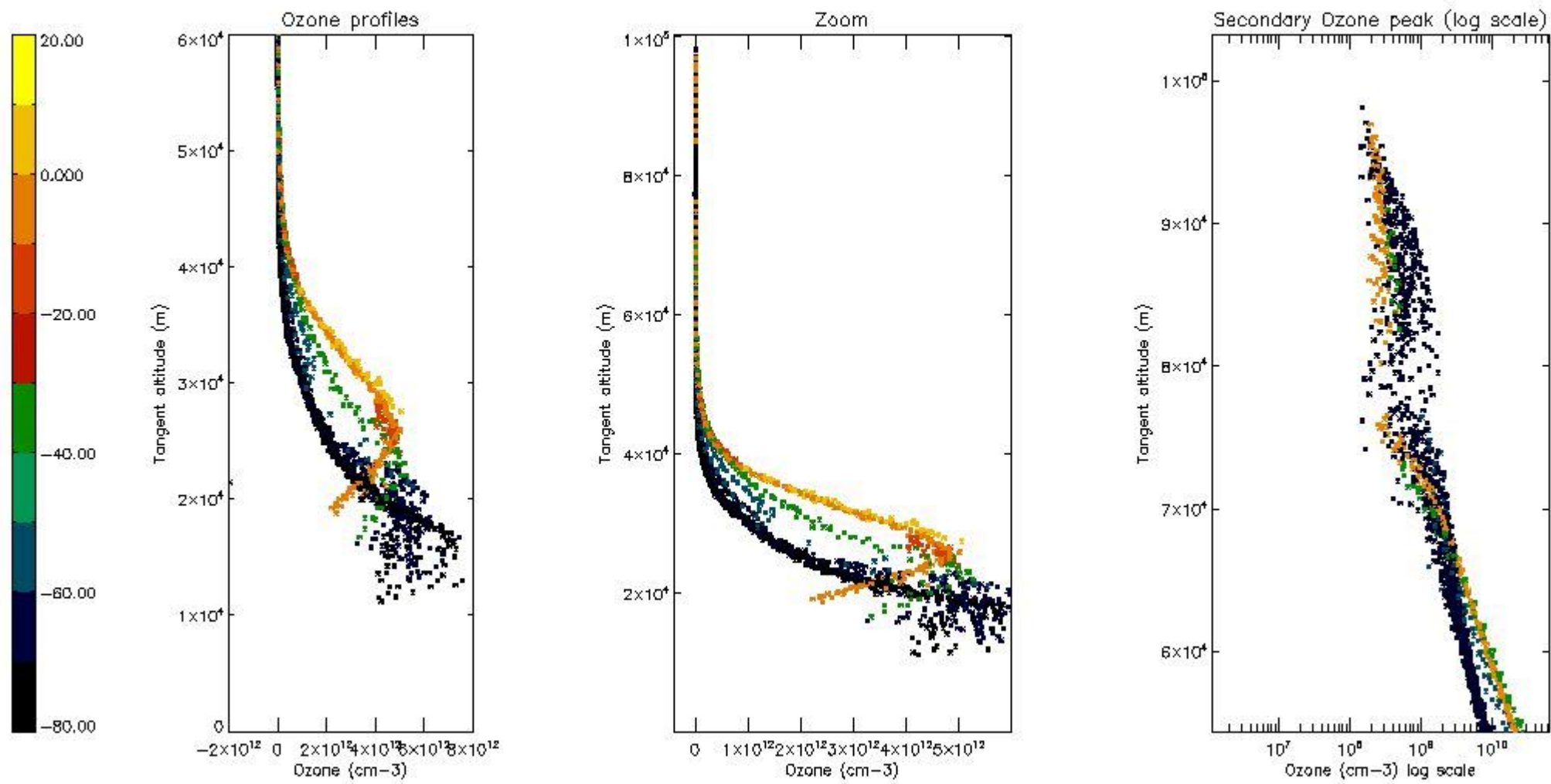
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



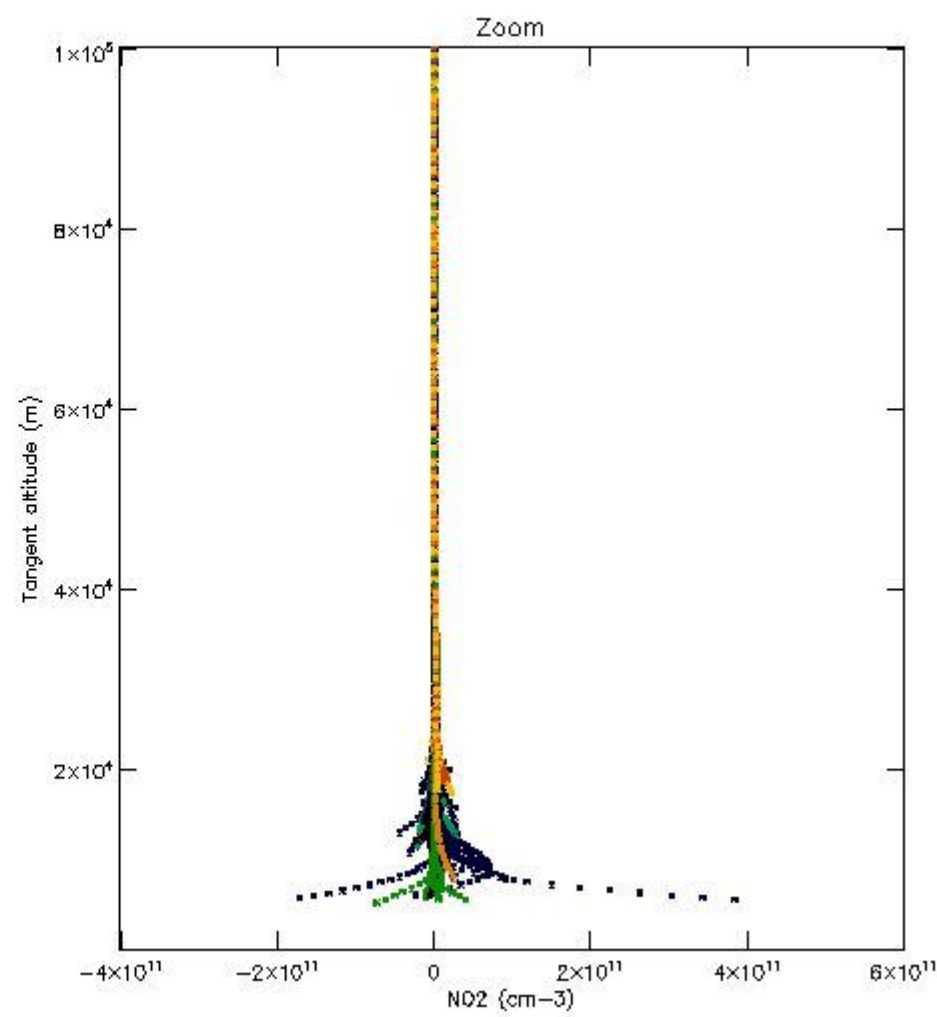
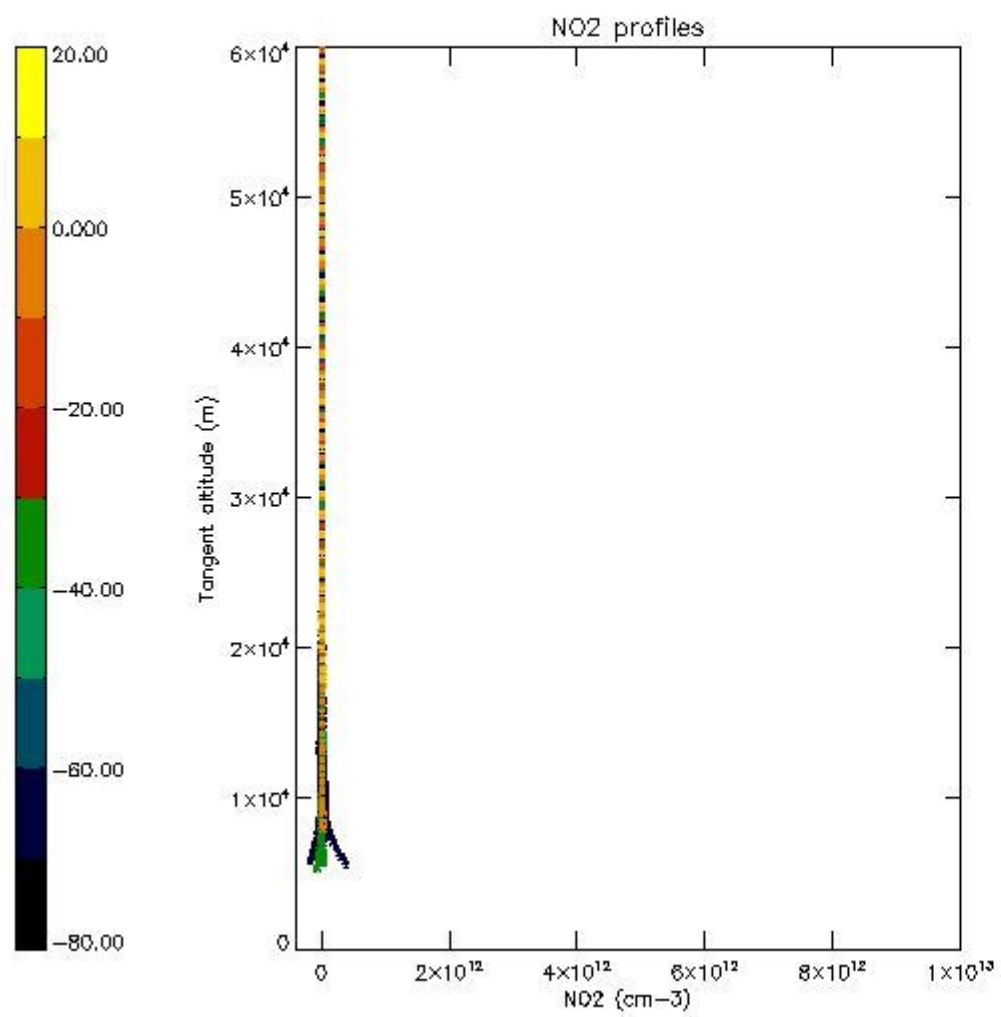
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



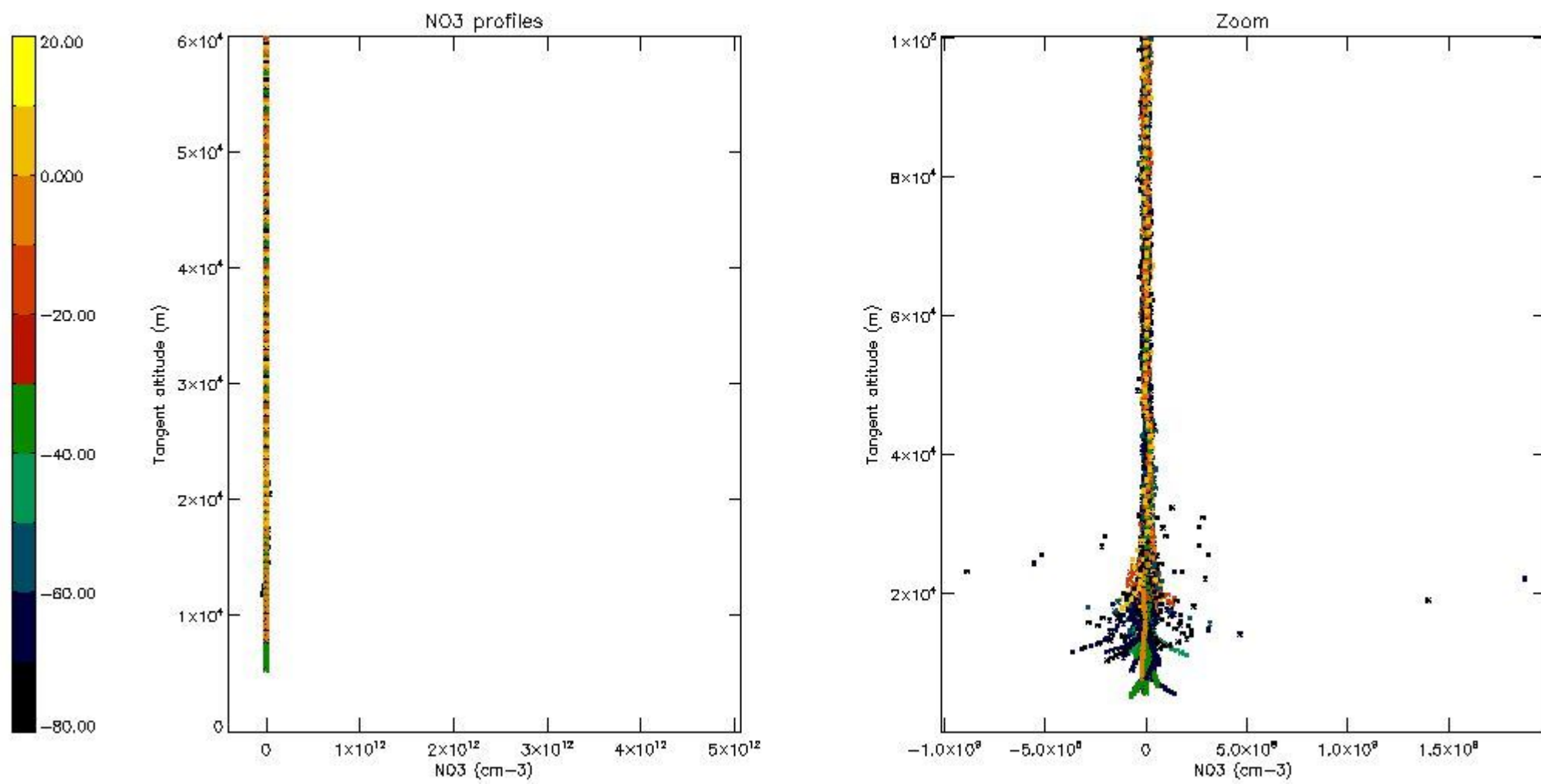
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



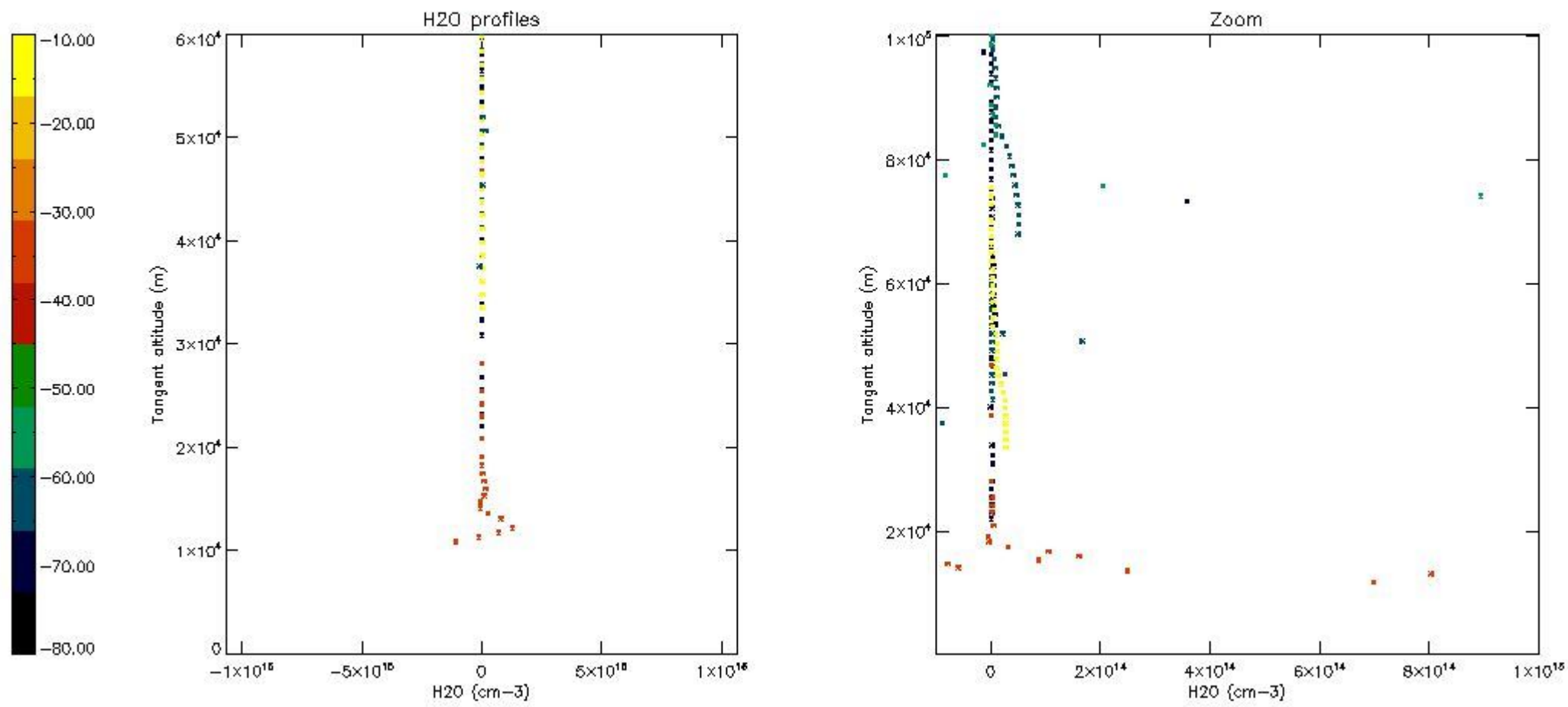
5.7 Plot NO3 profiles for all STD (dark without errors)

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	02-AUG-2004 04:19:10
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-AUG-2004 04:19:10
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-AUG-2004 04:19:10

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	19APR2013 07:44:35
Data source version	GOMOS/6.01
Start time of products	02-08-2004 (02AUG2004 00:00:00)
Stop time of products	03-08-2004 (03AUG2004 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	327
Nb of prods with errors	1

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20040802_041910_00000502029_00090_12669_2090.N1	02-AUG-2004 04:19:10	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	12669	No
2	GOM_NL__2PRFIN20040802_042204_00000862029_00090_12669_2091.N1	02-AUG-2004 04:22:04	Bright	86.000	73	57Gam1And	2.2600	13100.	172	12669	No
3	GOM_NL__2PRFIN20040802_042444_000002552029_00090_12669_2092.N1	02-AUG-2004 04:24:44	Twilight	255.00	53	43Bet And	2.0480	3300.0	510	12669	No
4	GOM_NL__2PRFIN20040802_043023_00000432029_00090_12669_2093.N1	02-AUG-2004 04:30:23	Twilight	43.000	176	23Zet Tau	3.0200	22000.	86	12669	No
5	GOM_NL__2PRFIN20040802_043257_00000642029_00090_12669_2094.N1	02-AUG-2004 04:32:57	Dark	64.000	13	87Alp Tau	0.86700	3800.0	128	12669	No
6	GOM_NL__2PRFIN20040802_043456_00000442029_00090_12669_2095.N1	02-AUG-2004 04:34:56	Dark	43.500	27	24Gam Ori	1.6360	26000.	87	12669	No
7	GOM_NL__2PRFIN20040802_043651_00000402029_00090_12669_2096.N1	02-AUG-2004 04:36:51	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	12669	No
8	GOM_NL__2PRFIN20040802_043810_00000402029_00090_12669_2097.N1	02-AUG-2004 04:38:10	Dark	39.500	125	44Iot Ori	2.7700	30000.	79	12669	No
9	GOM_NL__2PRFIN20040802_044005_00000382029_00090_12669_2098.N1	02-AUG-2004 04:40:05	Dark	38.000	1	9Alp CMa	-1.4400	11000.	76	12669	No
10	GOM_NL__2PRFIN20040802_044131_00000432029_00090_12669_2099.N1	02-AUG-2004 04:41:31	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	12669	No
11	GOM_NL__2PRFIN20040802_044359_00000392029_00090_12669_2100.N1	02-AUG-2004 04:43:59	Dark	38.500	177	1Zet CMa	3.0220	26000.	77	12669	No
12	GOM_NL__2PRFIN20040802_045010_00000512029_00090_12669_2101.N1	02-AUG-2004 04:50:10	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	12669	No
13	GOM_NL__2PRFIN20040802_045332_00000492029_00091_12670_2102.N1	02-AUG-2004 04:53:32	Dark	49.000	157	The1Eri	2.9060	9300.0	98	12670	No
14	GOM_NL__2PRFIN20040802_045857_00000442029_00091_12670_2090.N1	02-AUG-2004 04:58:57	Dark	43.500	9	Alp Eri	0.45300	24000.	87	12670	No
15	GOM_NL__2PRFIN20040802_050046_00000392029_00091_12670_2091.N1	02-AUG-2004 05:00:46	Dark	39.000	135	Bet Hyl	2.8200	5800.0	78	12670	No
16	GOM_NL__2PRFIN20040802_050350_00000602029_00091_12670_2092.N1	02-AUG-2004 05:03:50	Straylight	59.500	84	Alp Phe	2.3970	4500.0	119	12670	No
17	GOM_NL__2PRFIN20040802_050542_00000442029_00091_12670_2093.N1	02-AUG-2004 05:05:42	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	12670	No
18	GOM_NL__2PRFIN20040802_050756_00000532029_00091_12670_2094.N1	02-AUG-2004 05:07:56	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	12670	No
19	GOM_NL__2PRFIN20040802_051242_00000722029_00091_12670_2095.N1	02-AUG-2004 05:12:42	Twilight	71.500	18	24Alp PsA	1.1660	9700.0	143	12670	No
20	GOM_NL__2PRFIN20040802_051712_00000462029_00091_12670_2096.N1	02-AUG-2004 05:17:12	Bright	45.500	103	38Zet Sgr	2.6000	9700.0	91	12670	No
21	GOM_NL__2PRFIN20040802_051947_00000552029_00091_12670_2097.N1	02-AUG-2004 05:19:47	Bright	54.500	142	49Del Cap	2.8500	8900.0	109	12670	No
22	GOM_NL__2PRFIN20040802_052354_00000542029_00091_12670_2098.N1	02-AUG-2004 05:23:54	Bright	53.500	154	22Bet Aqr	2.8990	5700.0	107	12670	No
23	GOM_NL__2PRFIN20040802_052753_00000392029_00091_12670_2099.N1	02-AUG-2004 05:27:53	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	12670	No
24	GOM_NL__2PRFIN20040802_052922_00000362029_00091_12670_2100.N1	02-AUG-2004 05:29:22	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	12670	No
25	GOM_NL__2PRFIN20040802_053627_00000372029_00091_12670_2101.N1	02-AUG-2004 05:36:27	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	12670	No
26	GOM_NL__2PRFIN20040802_053826_00000382029_00091_12670_2102.N1	02-AUG-2004 05:38:26	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	12670	No
27	GOM_NL__2PRFIN20040802_054016_00000372029_00091_12670_2103.N1	02-AUG-2004 05:40:16	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	12670	No
28	GOM_NL__2PRFIN20040802_054420_00000352029_00091_12670_2104.N1	02-AUG-2004 05:44:20	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	12670	No
29	GOM_NL__2PRFIN20040802_054827_00000402029_00091_12670_2105.N1	02-AUG-2004 05:48:27	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	12670	No
30	GOM_NL__2PRFIN20040802_055056_00000382029_00091_12670_2106.N1	02-AUG-2004 05:50:56	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	12670	No
31	GOM_NL__2PRFIN20040802_055318_00000502029_00091_12670_2107.N1	02-AUG-2004 05:53:18	Dark	49.500	76	27Gam Cas	2.3000	30000.	99	12670	Yes
32	GOM_NL__2PRFIN20040802_055947_00000502029_00091_12670_2108.N1	02-AUG-2004 05:59:47	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	12670	No
33	GOM_NL__2PRFIN20040802_060239_00000822029_00091_12670_2109.N1	02-AUG-2004 06:02:39	Bright	82.000	73	57Gam1And	2.2600	13100.	164	12670	No
34	GOM_NL__2PRFIN20040802_060519_000002552029_00091_12670_2110.N1	02-AUG-2004 06:05:19	Twilight	255.00	53	43Bet And	2.0480	3300.0	510	12670	No
35	GOM_NL__2PRFIN20040802_061059_00000432029_00091_12670_2111.N1	02-AUG-2004 06:10:59	Twilight	43.000	176	23Zet Tau	3.0200	22000.	86	12670	No
36	GOM_NL__2PRFIN20040802_061334_00000522029_00091_12670_2112.N1	02-AUG-2004 06:13:34	Dark	52.000	13	87Alp Tau	0.86700	3800.0	104	12670	No
37	GOM_NL__2PRFIN20040802_061530_00000432029_00091_12670_2113.N1	02-AUG-2004 06:15:30	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	12670	No
38	GOM_NL__2PRFIN20040802_061727_00000402029_00091_12670_2114.N1	02-AUG-2004 06:17:27	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	12670	No
39	GOM_NL__2PRFIN20040802_061847_00000402029_00091_12670_2115.N1	02-AUG-2004 06:18:47	Dark	39.500	125	44Iot Ori	2.7700	30000.	79	12670	No
40	GOM_NL__2PRFIN20040802_062040_00000462029_00091_12670_2116.N1	02-AUG-2004 06:20:40	Dark	46.000	1	9Alp CMa	-1.4400	11000.	92	12670	No
41	GOM_NL__2PRFIN20040802_062206_00000462029_00091_12670_2117.N1	02-AUG-2004 06:22:06	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	12670	No
42	GOM_NL__2PRFIN20040802_062443_00000622029_00091_12670_2118.N1	02-AUG-2004 06:24:43	Dark	61.500	165	34Gam Eri	2.9500	3200.0	123	12670	No

43	GOM_NL__2PRFIN20040802_063409_000000492029_00092_12671_2119.N1	02-AUG-2004 06:34:09	Dark	48.500	157	The1Eri	2.9060	9300.0	97	12671	No
44	GOM_NL__2PRFIN20040802_063934_000000452029_00092_12671_2090.N1	02-AUG-2004 06:39:34	Dark	45.000	9	Alp Eri	0.45300	24000.	90	12671	No
45	GOM_NL__2PRFIN20040802_064123_000000392029_00092_12671_2091.N1	02-AUG-2004 06:41:23	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	12671	No
46	GOM_NL__2PRFIN20040802_064427_000000692029_00092_12671_2092.N1	02-AUG-2004 06:44:27	Straylight	68.500	84	Alp Phe	2.3970	4500.0	137	12671	No
47	GOM_NL__2PRFIN20040802_064619_000000432029_00092_12671_2093.N1	02-AUG-2004 06:46:19	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	12671	No
48	GOM_NL__2PRFIN20040802_064834_000000622029_00092_12671_2094.N1	02-AUG-2004 06:48:34	Straylight	62.000	63	Bet Gru	2.1500	2800.0	124	12671	No
49	GOM_NL__2PRFIN20040802_065318_000000702029_00092_12671_2095.N1	02-AUG-2004 06:53:18	Tw_i_and_stray	69.500	18	24Alp PsA	1.1660	9700.0	139	12671	No
50	GOM_NL__2PRFIN20040802_065749_000000402029_00092_12671_2096.N1	02-AUG-2004 06:57:49	Bright	39.500	103	38Zet Sgr	2.6000	9700.0	79	12671	No
51	GOM_NL__2PRFIN20040802_070022_000000532029_00092_12671_2097.N1	02-AUG-2004 07:00:22	Bright	53.000	142	49Del Cap	2.8500	8900.0	106	12671	No
52	GOM_NL__2PRFIN20040802_070430_000000542029_00092_12671_2098.N1	02-AUG-2004 07:04:30	Bright	53.500	154	22Bet Aqr	2.8990	5700.0	107	12671	No
53	GOM_NL__2PRFIN20040802_070830_000000402029_00092_12671_2099.N1	02-AUG-2004 07:08:30	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	12671	No
54	GOM_NL__2PRFIN20040802_070958_000000382029_00092_12671_2100.N1	02-AUG-2004 07:09:58	Bright	37.500	168	17Zet Aql	2.9860	11000.	75	12671	No
55	GOM_NL__2PRFIN20040802_071703_000000402029_00092_12671_2101.N1	02-AUG-2004 07:17:03	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	12671	No
56	GOM_NL__2PRFIN20040802_071902_000000382029_00092_12671_2102.N1	02-AUG-2004 07:19:02	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	12671	No
57	GOM_NL__2PRFIN20040802_072053_000000372029_00092_12671_2103.N1	02-AUG-2004 07:20:53	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	12671	No
58	GOM_NL__2PRFIN20040802_072456_000000372029_00092_12671_2104.N1	02-AUG-2004 07:24:56	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	12671	No
59	GOM_NL__2PRFIN20040802_072904_000000382029_00092_12671_2105.N1	02-AUG-2004 07:29:04	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	12671	No
60	GOM_NL__2PRFIN20040802_073132_000000342029_00092_12671_2106.N1	02-AUG-2004 07:31:32	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	12671	No
61	GOM_NL__2PRFIN20040802_073353_000000522029_00092_12671_2107.N1	02-AUG-2004 07:33:53	Bright	51.500	76	27Gam Cas	2.3000	30000.	103	12671	No
62	GOM_NL__2PRFIN20040802_074023_000000512029_00092_12671_2108.N1	02-AUG-2004 07:40:23	Bright	50.500	160	23Gam Per	2.9300	4700.0	101	12671	No
63	GOM_NL__2PRFIN20040802_074314_000000902029_00092_12671_2109.N1	02-AUG-2004 07:43:14	Bright	89.500	73	57Gam1And	2.2600	13100.	179	12671	No
64	GOM_NL__2PRFIN20040802_074553_000002552029_00092_12671_2110.N1	02-AUG-2004 07:45:53	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12671	No
65	GOM_NL__2PRFIN20040802_075136_000000412029_00092_12671_2111.N1	02-AUG-2004 07:51:36	Tw_i_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	12671	No
66	GOM_NL__2PRFIN20040802_075410_000000612029_00092_12671_2112.N1	02-AUG-2004 07:54:10	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	12671	No
67	GOM_NL__2PRFIN20040802_075608_000000412029_00092_12671_2113.N1	02-AUG-2004 07:56:08	Dark	40.500	27	24Gam Ori	1.6360	26000.	81	12671	No
68	GOM_NL__2PRFIN20040802_075804_000000402029_00092_12671_2114.N1	02-AUG-2004 07:58:04	Dark	39.500	30	46Eps Ori	1.6940	30000.	79	12671	No
69	GOM_NL__2PRFIN20040802_075924_000000402029_00092_12671_2115.N1	02-AUG-2004 07:59:24	Dark	39.500	125	44Iot Ori	2.7700	30000.	79	12671	No
70	GOM_NL__2PRFIN20040802_080117_000000512029_00092_12671_2116.N1	02-AUG-2004 08:01:17	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	12671	No
71	GOM_NL__2PRFIN20040802_080244_000000442029_00092_12671_2117.N1	02-AUG-2004 08:02:44	Dark	43.500	101	11Alp Lep	2.5820	7000.0	87	12671	No
72	GOM_NL__2PRFIN20040802_080521_000000552029_00092_12671_2118.N1	02-AUG-2004 08:05:21	Dark	54.500	165	34Gam Eri	2.9500	3200.0	109	12671	No
73	GOM_NL__2PRFIN20040802_081446_000000502029_00093_12672_2119.N1	02-AUG-2004 08:14:46	Dark	49.500	157	The1Eri	2.9060	9300.0	99	12672	No
74	GOM_NL__2PRFIN20040802_082011_000000472029_00093_12672_2090.N1	02-AUG-2004 08:20:11	Dark	46.500	9	Alp Eri	0.45300	24000.	93	12672	No
75	GOM_NL__2PRFIN20040802_082159_000000392029_00093_12672_2091.N1	02-AUG-2004 08:21:59	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	12672	No
76	GOM_NL__2PRFIN20040802_082504_000000702029_00093_12672_2092.N1	02-AUG-2004 08:25:04	Straylight	69.500	84	Alp Phe	2.3970	4500.0	139	12672	No
77	GOM_NL__2PRFIN20040802_082656_000000422029_00093_12672_2093.N1	02-AUG-2004 08:26:56	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	12672	No
78	GOM_NL__2PRFIN20040802_082910_000000532029_00093_12672_2094.N1	02-AUG-2004 08:29:10	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	12672	No
79	GOM_NL__2PRFIN20040802_083355_000000702029_00093_12672_2095.N1	02-AUG-2004 08:33:55	Tw_i_and_stray	69.500	18	24Alp PsA	1.1660	9700.0	139	12672	No
80	GOM_NL__2PRFIN20040802_083825_000000522029_00093_12672_2096.N1	02-AUG-2004 08:38:25	Bright	52.000	103	38Zet Sgr	2.6000	9700.0	104	12672	No
81	GOM_NL__2PRFIN20040802_084059_000000542029_00093_12672_2097.N1	02-AUG-2004 08:40:59	Bright	54.000	142	49Del Cap	2.8500	8900.0	108	12672	No
82	GOM_NL__2PRFIN20040802_084505_000000542029_00093_12672_2098.N1	02-AUG-2004 08:45:05	Bright	53.500	154	22Bet Aqr	2.8990	5700.0	107	12672	No
83	GOM_NL__2PRFIN20040802_084905_000000402029_00093_12672_2099.N1	02-AUG-2004 08:49:05	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	12672	No
84	GOM_NL__2PRFIN20040802_085034_000000372029_00093_12672_2100.N1	02-AUG-2004 08:50:34	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	12672	No
85	GOM_NL__2PRFIN20040802_085740_000000352029_00093_12672_2101.N1	02-AUG-2004 08:57:40	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	12672	No
86	GOM_NL__2PRFIN20040802_085938_000000402029_00093_12672_2102.N1	02-AUG-2004 08:59:38	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	12672	No
87	GOM_NL__2PRFIN20040802_090129_000000392029_00093_12672_2103.N1	02-AUG-2004 09:01:29	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	12672	No
88	GOM_NL__2PRFIN20040802_090533_000000382029_00093_12672_2104.N1	02-AUG-2004 09:05:33	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	12672	No
89	GOM_NL__2PRFIN20040802_090940_000000392029_00093_12672_2105.N1	02-AUG-2004 09:09:40	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	12672	No
90	GOM_NL__2PRFIN20040802_091208_000000392029_00093_12672_2106.N1	02-AUG-2004 09:12:08	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	12672	No
91	GOM_NL__2PRFIN20040802_091428_000000502029_00093_12672_2107.N1	02-AUG-2004 09:14:28	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	12672	No
92	GOM_NL__2PRFIN20040802_092057_000000512029_00093_12672_2108.N1	02-AUG-2004 09:20:57	Bright	50.500	160	23Gam Per	2.9300	4700.0	101	12672	No
93	GOM_NL__2PRFIN20040802_092349_000000852029_00093_12672_2109.N1	02-AUG-2004 09:23:49	Bright	85.000	73	57Gam1And	2.2600	13100.	170	12672	No
94	GOM_NL__2PRFIN20040802_092628_000002552029_00093_12672_2110.N1	02-AUG-2004 09:26:28	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12672	No
95	GOM_NL__2PRFIN20040802_093212_000000402029_00093_12672_2111.N1	02-AUG-2004 09:32:12	Tw_i_and_stray	39.500	176	23Zet Tau	3.0200	22000.	79	12672	No
96	GOM_NL__2PRFIN20040802_093447_000000602029_00093_12672_2112.N1	02-AUG-2004 09:34:47	Dark	59.500	13	87Alp Tau	0.86700	3800.0	119	12672	No
97	GOM_NL__2PRFIN20040802_093645_000000412029_00093_12672_2113.N1	02-AUG-2004 09:36:45	Dark	41.000	27	24Gam Ori	1.6360	26000.	82	12672	No
98	GOM_NL__2PRFIN20040802_093840_000000432029_00093_12672_2114.N1	02-AUG-2004 09:38:40	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	12672	No
99	GOM_NL__2PRFIN20040802_094001_000000412029_00093_12672_2115.N1	02-AUG-2004 09:40:01	Dark	41.000	125	44Iot Ori	2.7700	30000.	82	12672	No
100	GOM_NL__2PRFIN20040802_094153_000000482029_00093_12672_2116.N1	02-AUG-2004 09:41:53	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	12672	No
101	GOM_NL__2PRFIN20040802_094320_000000432029_00093_12672_2117.N1	02-AUG-2004 09:43:20	Dark	43.000	101	11Alp Lep	2.5820	7000.0	86	12672	No

102	GOM_NL__2PRFIN20040802_094558_000000602029_00093_12672_2118.N1	02-AUG-2004 09:45:58	Dark	59.500	165	34Gam Eri	2.9500	3200.0	119	12672	No
103	GOM_NL__2PRFIN20040802_095523_000000482029_00094_12673_2119.N1	02-AUG-2004 09:55:23	Dark	47.500	157	The1Eri	2.9060	9300.0	95	12673	No
104	GOM_NL__2PRFIN20040802_100047_000000452029_00094_12673_2090.N1	02-AUG-2004 10:00:47	Dark	45.000	9	Alp Eri	0.45300	24000.	90	12673	No
105	GOM_NL__2PRFIN20040802_100235_000000382029_00094_12673_2091.N1	02-AUG-2004 10:02:35	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	12673	No
106	GOM_NL__2PRFIN20040802_100541_000000562029_00094_12673_2092.N1	02-AUG-2004 10:05:41	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	12673	No
107	GOM_NL__2PRFIN20040802_100732_000000452029_00094_12673_2093.N1	02-AUG-2004 10:07:32	Straylight	44.500	148	Alp Tuc	2.8780	4100.0	89	12673	No
108	GOM_NL__2PRFIN20040802_100947_000000512029_00094_12673_2094.N1	02-AUG-2004 10:09:47	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	12673	No
109	GOM_NL__2PRFIN20040802_101432_000000682029_00094_12673_2095.N1	02-AUG-2004 10:14:32	Tw_i_and_stray	67.500	18	24Alp PsA	1.1660	9700.0	135	12673	No
110	GOM_NL__2PRFIN20040802_101901_000000522029_00094_12673_2096.N1	02-AUG-2004 10:19:01	Bright	52.000	103	38Zet Sgr	2.6000	9700.0	104	12673	No
111	GOM_NL__2PRFIN20040802_102135_000000532029_00094_12673_2097.N1	02-AUG-2004 10:21:35	Bright	52.500	142	49Del Cap	2.8500	8900.0	105	12673	No
112	GOM_NL__2PRFIN20040802_102540_000000542029_00094_12673_2098.N1	02-AUG-2004 10:25:40	Bright	54.000	154	22Bet Aqr	2.8990	5700.0	108	12673	No
113	GOM_NL__2PRFIN20040802_102941_000000402029_00094_12673_2099.N1	02-AUG-2004 10:29:41	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	12673	No
114	GOM_NL__2PRFIN20040802_103110_000000362029_00094_12673_2100.N1	02-AUG-2004 10:31:10	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	12673	No
115	GOM_NL__2PRFIN20040802_103815_000000362029_00094_12673_2101.N1	02-AUG-2004 10:38:15	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	12673	No
116	GOM_NL__2PRFIN20040802_104013_000000392029_00094_12673_2102.N1	02-AUG-2004 10:40:13	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	12673	No
117	GOM_NL__2PRFIN20040802_104205_000000412029_00094_12673_2103.N1	02-AUG-2004 10:42:05	Bright	41.000	69	33Gam Dra	2.2310	3800.0	82	12673	No
118	GOM_NL__2PRFIN20040802_104609_000000382029_00094_12673_2104.N1	02-AUG-2004 10:46:09	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	12673	No
119	GOM_NL__2PRFIN20040802_105015_000000402029_00094_12673_2105.N1	02-AUG-2004 10:50:15	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	12673	No
120	GOM_NL__2PRFIN20040802_105244_000000382029_00094_12673_2106.N1	02-AUG-2004 10:52:44	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	12673	No
121	GOM_NL__2PRFIN20040802_105504_000000492029_00094_12673_2107.N1	02-AUG-2004 10:55:04	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	12673	No
122	GOM_NL__2PRFIN20040802_110132_000000522029_00094_12673_2108.N1	02-AUG-2004 11:01:32	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	12673	No
123	GOM_NL__2PRFIN20040802_110425_000000892029_00094_12673_2109.N1	02-AUG-2004 11:04:25	Bright	88.500	73	57Gam1And	2.2600	13100.	177	12673	No
124	GOM_NL__2PRFIN20040802_110703_000002552029_00094_12673_2110.N1	02-AUG-2004 11:07:03	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12673	No
125	GOM_NL__2PRFIN20040802_111248_000000402029_00094_12673_2111.N1	02-AUG-2004 11:12:48	Tw_i_and_stray	39.500	176	23Zet Tau	3.0200	22000.	79	12673	No
126	GOM_NL__2PRFIN20040802_111523_000000572029_00094_12673_2112.N1	02-AUG-2004 11:15:23	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	12673	No
127	GOM_NL__2PRFIN20040802_111721_000000482029_00094_12673_2113.N1	02-AUG-2004 11:17:21	Dark	47.500	27	24Gam Ori	1.6360	26000.	95	12673	No
128	GOM_NL__2PRFIN20040802_111917_000000452029_00094_12673_2114.N1	02-AUG-2004 11:19:17	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	12673	No
129	GOM_NL__2PRFIN20040802_112036_000000422029_00094_12673_2115.N1	02-AUG-2004 11:20:36	Dark	42.000	125	44Iot Ori	2.7700	30000.	84	12673	No
130	GOM_NL__2PRFIN20040802_112229_000000442029_00094_12673_2116.N1	02-AUG-2004 11:22:29	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	12673	No
131	GOM_NL__2PRFIN20040802_112356_000000432029_00094_12673_2117.N1	02-AUG-2004 11:23:56	Dark	43.000	101	11Alp Lep	2.5820	7000.0	86	12673	No
132	GOM_NL__2PRFIN20040802_112634_000000602029_00094_12673_2118.N1	02-AUG-2004 11:26:34	Dark	60.000	165	34Gam Eri	2.9500	3200.0	120	12673	No
133	GOM_NL__2PRFIN20040802_113559_000000502029_00095_12674_2119.N1	02-AUG-2004 11:35:59	Dark	49.500	157	The1Eri	2.9060	9300.0	99	12674	No
134	GOM_NL__2PRFIN20040802_114123_000000472029_00095_12674_2090.N1	02-AUG-2004 11:41:23	Dark	46.500	9	Alp Eri	0.45300	24000.	93	12674	No
135	GOM_NL__2PRFIN20040802_114311_000000402029_00095_12674_2091.N1	02-AUG-2004 11:43:11	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	12674	No
136	GOM_NL__2PRFIN20040802_114618_000000602029_00095_12674_2092.N1	02-AUG-2004 11:46:18	Straylight	59.500	84	Alp Phe	2.3970	4500.0	119	12674	No
137	GOM_NL__2PRFIN20040802_114808_000000482029_00095_12674_2093.N1	02-AUG-2004 11:48:08	Straylight	48.000	148	Alp Tuc	2.8780	4100.0	96	12674	No
138	GOM_NL__2PRFIN20040802_115023_000000602029_00095_12674_2094.N1	02-AUG-2004 11:50:23	Straylight	59.500	63	Bet Gru	2.1500	2800.0	119	12674	No
139	GOM_NL__2PRFIN20040802_115508_000000702029_00095_12674_2095.N1	02-AUG-2004 11:55:08	Tw_i_and_stray	69.500	18	24Alp PsA	1.1660	9700.0	139	12674	No
140	GOM_NL__2PRFIN20040802_115936_000000442029_00095_12674_2096.N1	02-AUG-2004 11:59:36	Bright	44.000	103	38Zet Sgr	2.6000	9700.0	88	12674	No
141	GOM_NL__2PRFIN20040802_120211_000000512029_00095_12674_2097.N1	02-AUG-2004 12:02:11	Bright	51.000	142	49Del Cap	2.8500	8900.0	102	12674	No
142	GOM_NL__2PRFIN20040802_120617_000000552029_00095_12674_2098.N1	02-AUG-2004 12:06:17	Bright	54.500	154	22Bet Aqr	2.8990	5700.0	109	12674	No
143	GOM_NL__2PRFIN20040802_121017_000000392029_00095_12674_2099.N1	02-AUG-2004 12:10:17	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	12674	No
144	GOM_NL__2PRFIN20040802_121146_000000372029_00095_12674_2100.N1	02-AUG-2004 12:11:46	Bright	37.000	168	17Zet Aql	2.9860	11000.	74	12674	No
145	GOM_NL__2PRFIN20040802_121851_000000372029_00095_12674_2101.N1	02-AUG-2004 12:18:51	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	12674	No
146	GOM_NL__2PRFIN20040802_122049_000000382029_00095_12674_2102.N1	02-AUG-2004 12:20:49	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	12674	No
147	GOM_NL__2PRFIN20040802_122241_000000402029_00095_12674_2103.N1	02-AUG-2004 12:22:41	Bright	40.000	69	33Gam Dra	2.2310	3800.0	80	12674	No
148	GOM_NL__2PRFIN20040802_122644_000000392029_00095_12674_2104.N1	02-AUG-2004 12:26:44	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	12674	No
149	GOM_NL__2PRFIN20040802_123052_000000402029_00095_12674_2105.N1	02-AUG-2004 12:30:52	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	12674	No
150	GOM_NL__2PRFIN20040802_123319_000000382029_00095_12674_2106.N1	02-AUG-2004 12:33:19	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	12674	No
151	GOM_NL__2PRFIN20040802_123539_000000482029_00095_12674_2107.N1	02-AUG-2004 12:35:39	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	12674	No
152	GOM_NL__2PRFIN20040802_124208_000000492029_00095_12674_2108.N1	02-AUG-2004 12:42:08	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	12674	No
153	GOM_NL__2PRFIN20040802_124500_000000902029_00095_12674_2109.N1	02-AUG-2004 12:45:00	Bright	89.500	73	57Gam1And	2.2600	13100.	179	12674	No
154	GOM_NL__2PRFIN20040802_124738_000002552029_00095_12674_2110.N1	02-AUG-2004 12:47:38	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12674	No
155	GOM_NL__2PRFIN20040802_125324_000000432029_00095_12674_2111.N1	02-AUG-2004 12:53:24	Tw_i_and_stray	42.500	176	23Zet Tau	3.0200	22000.	85	12674	No
156	GOM_NL__2PRFIN20040802_125559_000000652029_00095_12674_2112.N1	02-AUG-2004 12:55:59	Dark	65.000	13	87Alp Tau	0.86700	3800.0	130	12674	No
157	GOM_NL__2PRFIN20040802_125757_000000502029_00095_12674_2113.N1	02-AUG-2004 12:57:57	Dark	50.000	27	24Gam Ori	1.6360	26000.	100	12674	No
158	GOM_NL__2PRFIN20040802_125953_000000452029_00095_12674_2114.N1	02-AUG-2004 12:59:53	Dark	44.500	30	46Eps Ori	1.6940	30000.	89	12674	No
159	GOM_NL__2PRFIN20040802_130113_000000422029_00095_12674_2115.N1	02-AUG-2004 13:01:13	Dark	42.000	125	44Iot Ori	2.7700	30000.	84	12674	No
160	GOM_NL__2PRFIN20040802_130305_000000392029_00095_12674_2116.N1	02-AUG-2004 13:03:05	Dark	39.000	1	9Alp CMa	-1.4400	11000.	78	12674	No

161	GOM_NL__2PRFIN20040802_130433_000000422029_00095_12674_2117.N1	02-AUG-2004 13:04:33	Dark	41.500	101	11Alp Lep	2.5820	7000.0	83	12674	No
162	GOM_NL__2PRFIN20040802_130711_000000582029_00095_12674_2118.N1	02-AUG-2004 13:07:11	Dark	58.000	165	34Gam Eri	2.9500	3200.0	116	12674	No
163	GOM_NL__2PRFIN20040802_131636_000000492029_00096_12675_2119.N1	02-AUG-2004 13:16:36	Dark	49.000	157	The1Eri	2.9060	9300.0	98	12675	No
164	GOM_NL__2PRFIN20040802_132200_000000462029_00096_12675_2091.N1	02-AUG-2004 13:22:00	Dark	45.500	9	Alp Eri	0.45300	24000.	91	12675	No
165	GOM_NL__2PRFIN20040802_132347_000000402029_00096_12675_2092.N1	02-AUG-2004 13:23:47	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	12675	No
166	GOM_NL__2PRFIN20040802_132654_000000602029_00096_12675_2093.N1	02-AUG-2004 13:26:54	Straylight	60.000	84	Alp Phe	2.3970	4500.0	120	12675	No
167	GOM_NL__2PRFIN20040802_132844_000000462029_00096_12675_2094.N1	02-AUG-2004 13:28:44	Straylight	45.500	148	Alp Tuc	2.8780	4100.0	91	12675	No
168	GOM_NL__2PRFIN20040802_133207_000000512029_00096_12675_2095.N1	02-AUG-2004 13:32:07	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	12675	No
169	GOM_NL__2PRFIN20040802_133544_000000722029_00096_12675_2096.N1	02-AUG-2004 13:35:44	Twilight_and_stray	72.000	18	24Alp PsA	1.1660	9700.0	144	12675	No
170	GOM_NL__2PRFIN20040802_134013_000000512029_00096_12675_2097.N1	02-AUG-2004 13:40:13	Bright	50.500	103	38Zet Sgr	2.6000	9700.0	101	12675	No
171	GOM_NL__2PRFIN20040802_134246_000000532029_00096_12675_2098.N1	02-AUG-2004 13:42:46	Bright	52.500	142	49Del Cap	2.8500	8900.0	105	12675	No
172	GOM_NL__2PRFIN20040802_134653_000000522029_00096_12675_2099.N1	02-AUG-2004 13:46:53	Bright	51.500	154	22Bet Aqr	2.8990	5700.0	103	12675	No
173	GOM_NL__2PRFIN20040802_135052_000000392029_00096_12675_2100.N1	02-AUG-2004 13:50:52	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	12675	No
174	GOM_NL__2PRFIN20040802_135221_000000372029_00096_12675_2101.N1	02-AUG-2004 13:52:21	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	12675	No
175	GOM_NL__2PRFIN20040802_135927_000000402029_00096_12675_2102.N1	02-AUG-2004 13:59:27	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	12675	No
176	GOM_NL__2PRFIN20040802_140125_000000382029_00096_12675_2103.N1	02-AUG-2004 14:01:25	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	12675	No
177	GOM_NL__2PRFIN20040802_140317_000000412029_00096_12675_2104.N1	02-AUG-2004 14:03:17	Bright	41.000	69	33Gam Dra	2.2310	3800.0	82	12675	No
178	GOM_NL__2PRFIN20040802_140721_000000382029_00096_12675_2105.N1	02-AUG-2004 14:07:21	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	12675	No
179	GOM_NL__2PRFIN20040802_141128_000000392029_00096_12675_2106.N1	02-AUG-2004 14:11:28	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	12675	No
180	GOM_NL__2PRFIN20040802_141356_000000382029_00096_12675_2107.N1	02-AUG-2004 14:13:56	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	12675	No
181	GOM_NL__2PRFIN20040802_141614_000000512029_00096_12675_2108.N1	02-AUG-2004 14:16:14	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	12675	No
182	GOM_NL__2PRFIN20040802_142245_000000322029_00096_12675_2109.N1	02-AUG-2004 14:22:45	Twilight_and_stray	32.000	160	23Gam Per	2.9300	4700.0	64	12675	No
183	GOM_NL__2PRFIN20040802_142535_000000872029_00096_12675_2110.N1	02-AUG-2004 14:25:35	Bright	87.000	73	57Gam1And	2.2600	13100.	174	12675	No
184	GOM_NL__2PRFIN20040802_142813_0000002552029_00096_12675_2111.N1	02-AUG-2004 14:28:13	Twilight_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12675	No
185	GOM_NL__2PRFIN20040802_143400_000000422029_00096_12675_2112.N1	02-AUG-2004 14:34:00	Twilight_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	12675	No
186	GOM_NL__2PRFIN20040802_143635_000000652029_00096_12675_2113.N1	02-AUG-2004 14:36:35	Dark	65.000	13	87Alp Tau	0.86700	3800.0	130	12675	No
187	GOM_NL__2PRFIN20040802_143834_000000422029_00096_12675_2114.N1	02-AUG-2004 14:38:34	Dark	42.000	27	24Gam Ori	1.6360	26000.	84	12675	No
188	GOM_NL__2PRFIN20040802_144029_000000402029_00096_12675_2115.N1	02-AUG-2004 14:40:29	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	12675	No
189	GOM_NL__2PRFIN20040802_144149_000000392029_00096_12675_2116.N1	02-AUG-2004 14:41:49	Dark	39.000	125	44Iot Ori	2.7700	30000.	78	12675	No
190	GOM_NL__2PRFIN20040802_144341_000000452029_00096_12675_2117.N1	02-AUG-2004 14:43:41	Dark	45.000	1	9Alp CMa	-1.4400	11000.	90	12675	No
191	GOM_NL__2PRFIN20040802_144509_000000442029_00096_12675_2118.N1	02-AUG-2004 14:45:09	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	12675	No
192	GOM_NL__2PRFIN20040802_144736_000000402029_00096_12675_2119.N1	02-AUG-2004 14:47:36	Dark	39.500	177	1Zet CMa	3.0220	26000.	79	12675	No
193	GOM_NL__2PRFIN20040802_145346_000000512029_00096_12675_2120.N1	02-AUG-2004 14:53:46	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	12675	No
194	GOM_NL__2PRFIN20040802_145713_000000492029_00097_12676_2121.N1	02-AUG-2004 14:57:13	Dark	49.000	157	The1Eri	2.9060	9300.0	98	12676	No
195	GOM_NL__2PRFIN20040802_150236_000000482029_00097_12676_2122.N1	02-AUG-2004 15:02:36	Dark	47.500	9	Alp Eri	0.45300	24000.	95	12676	No
196	GOM_NL__2PRFIN20040802_150422_000000412029_00097_12676_2123.N1	02-AUG-2004 15:04:22	Dark	41.000	135	Bet Hyi	2.8200	5800.0	82	12676	No
197	GOM_NL__2PRFIN20040802_150731_000000652029_00097_12676_2124.N1	02-AUG-2004 15:07:31	Straylight	65.000	84	Alp Phe	2.3970	4500.0	130	12676	No
198	GOM_NL__2PRFIN20040802_150920_000000462029_00097_12676_2125.N1	02-AUG-2004 15:09:20	Straylight	45.500	148	Alp Tuc	2.8780	4100.0	91	12676	No
199	GOM_NL__2PRFIN20040802_151244_000000522029_00097_12676_2126.N1	02-AUG-2004 15:12:44	Straylight	52.000	31	Alp Gru	1.7340	15200.	104	12676	No
200	GOM_NL__2PRFIN20040802_151621_000000682029_00097_12676_2127.N1	02-AUG-2004 15:16:21	Twilight_and_stray	68.000	18	24Alp PsA	1.1660	9700.0	136	12676	No
201	GOM_NL__2PRFIN20040802_152048_000000462029_00097_12676_2128.N1	02-AUG-2004 15:20:48	Bright	46.000	103	38Zet Sgr	2.6000	9700.0	92	12676	No
202	GOM_NL__2PRFIN20040802_152323_000000542029_00097_12676_2129.N1	02-AUG-2004 15:23:23	Bright	53.500	142	49Del Cap	2.8500	8900.0	107	12676	No
203	GOM_NL__2PRFIN20040802_152729_000000532029_00097_12676_2130.N1	02-AUG-2004 15:27:29	Bright	53.000	154	22Bet Aqr	2.8990	5700.0	106	12676	No
204	GOM_NL__2PRFIN20040802_153128_000000402029_00097_12676_2131.N1	02-AUG-2004 15:31:28	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	12676	No
205	GOM_NL__2PRFIN20040802_153256_000000382029_00097_12676_2132.N1	02-AUG-2004 15:32:56	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	12676	No
206	GOM_NL__2PRFIN20040802_154003_000000422029_00097_12676_2133.N1	02-AUG-2004 15:40:03	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	12676	No
207	GOM_NL__2PRFIN20040802_154200_000000362029_00097_12676_2134.N1	02-AUG-2004 15:42:00	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	12676	No
208	GOM_NL__2PRFIN20040802_154353_000000382029_00097_12676_2135.N1	02-AUG-2004 15:43:53	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	12676	No
209	GOM_NL__2PRFIN20040802_154757_000000362029_00097_12676_2136.N1	02-AUG-2004 15:47:57	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	12676	No
210	GOM_NL__2PRFIN20040802_155204_000000362029_00097_12676_2137.N1	02-AUG-2004 15:52:04	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	12676	No
211	GOM_NL__2PRFIN20040802_155431_000000392029_00097_12676_2138.N1	02-AUG-2004 15:54:31	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	12676	No
212	GOM_NL__2PRFIN20040802_155649_000000512029_00097_12676_2139.N1	02-AUG-2004 15:56:49	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	12676	No
213	GOM_NL__2PRFIN20040802_160320_000000702029_00097_12676_2140.N1	02-AUG-2004 16:03:20	Bright	70.000	160	23Gam Per	2.9300	4700.0	140	12676	No
214	GOM_NL__2PRFIN20040802_160611_000000862029_00097_12676_2141.N1	02-AUG-2004 16:06:11	Bright	85.500	73	57Gam1And	2.2600	13100.	171	12676	No
215	GOM_NL__2PRFIN20040802_160847_0000002552029_00097_12676_2142.N1	02-AUG-2004 16:08:47	Twilight_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12676	No
216	GOM_NL__2PRFIN20040802_161436_000000432029_00097_12676_2143.N1	02-AUG-2004 16:14:36	Twilight_and_stray	43.000	176	23Zet Tau	3.0200	22000.	86	12676	No
217	GOM_NL__2PRFIN20040802_161711_000000572029_00097_12676_2144.N1	02-AUG-2004 16:17:11	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	12676	No
218	GOM_NL__2PRFIN20040802_161910_000000422029_00097_12676_2145.N1	02-AUG-2004 16:19:10	Dark	41.500	27	24Gam Ori	1.6360	26000.	83	12676	No
219	GOM_NL__2PRFIN20040802_162105_000000412029_00097_12676_2146.N1	02-AUG-2004 16:21:05	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	12676	No

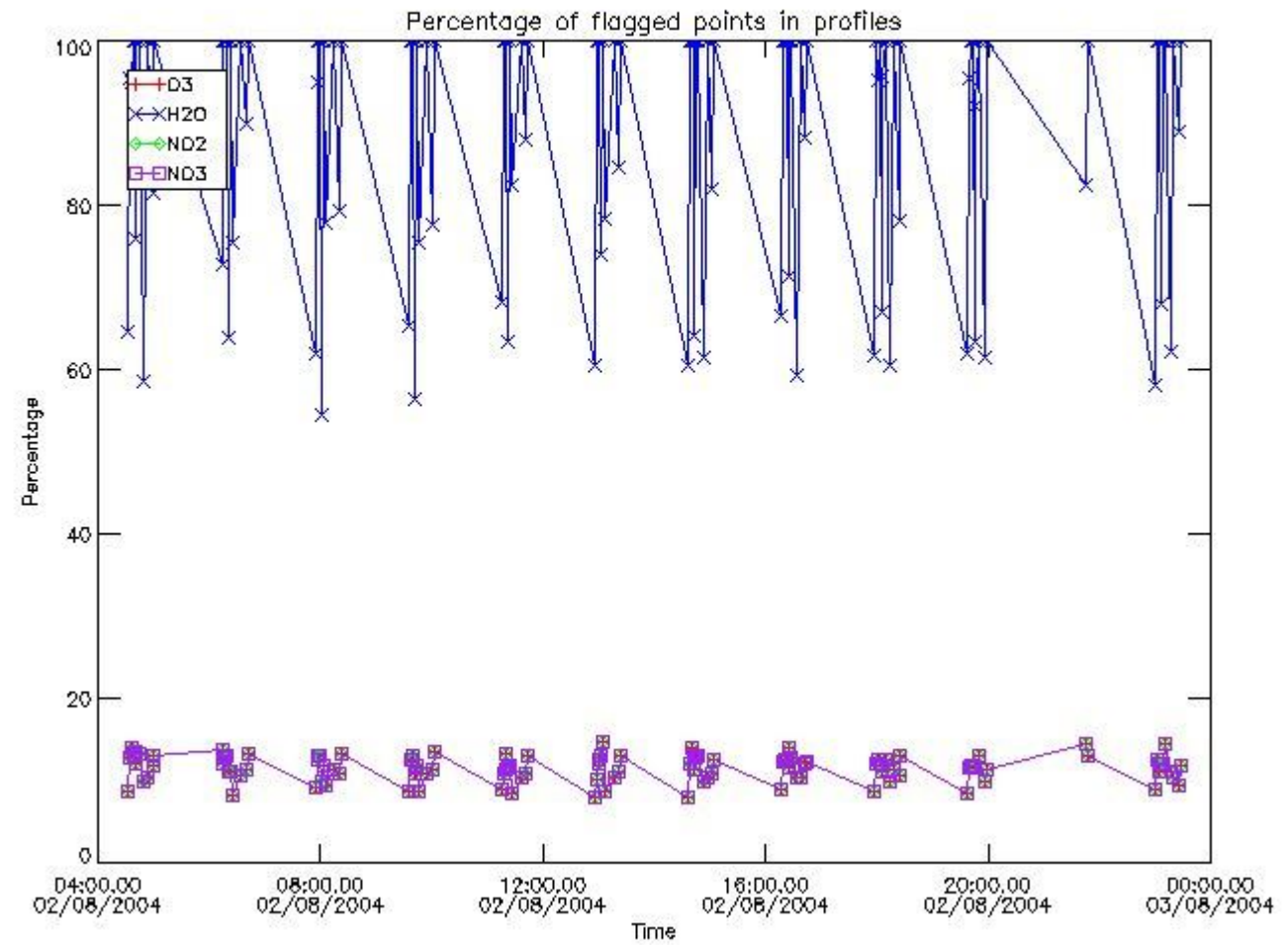
220	GOM_NL__2PRFIN20040802_162225_000000412029_00097_12676_2147.N1	02-AUG-2004 16:22:25	Dark	41.000	125	44Iot Ori	2.7700	30000.	82	12676	No
221	GOM_NL__2PRFIN20040802_162417_000000442029_00097_12676_2148.N1	02-AUG-2004 16:24:17	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	12676	No
222	GOM_NL__2PRFIN20040802_162545_000000442029_00097_12676_2149.N1	02-AUG-2004 16:25:45	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	12676	No
223	GOM_NL__2PRFIN20040802_162812_000000402029_00097_12676_2150.N1	02-AUG-2004 16:28:12	Dark	40.000	177	1Zet CMa	3.0220	26000.	80	12676	No
224	GOM_NL__2PRFIN20040802_163422_000000502029_00097_12676_2151.N1	02-AUG-2004 16:34:22	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	12676	No
225	GOM_NL__2PRFIN20040802_163750_000000502029_00098_12677_2110.N1	02-AUG-2004 16:37:50	Dark	49.500	157	The1Eri	2.9060	9300.0	99	12677	No
226	GOM_NL__2PRFIN20040802_164313_000000432029_00098_12677_2111.N1	02-AUG-2004 16:43:13	Dark	42.500	9	Alp Eri	0.45300	24000.	85	12677	No
227	GOM_NL__2PRFIN20040802_164459_000000422029_00098_12677_2112.N1	02-AUG-2004 16:44:59	Dark	41.500	135	Bet Hyi	2.8200	5800.0	83	12677	No
228	GOM_NL__2PRFIN20040802_164809_000000572029_00098_12677_2113.N1	02-AUG-2004 16:48:09	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	12677	No
229	GOM_NL__2PRFIN20040802_164956_000000432029_00098_12677_2114.N1	02-AUG-2004 16:49:56	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	12677	No
230	GOM_NL__2PRFIN20040802_165320_000000462029_00098_12677_2115.N1	02-AUG-2004 16:53:20	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	12677	No
231	GOM_NL__2PRFIN20040802_165658_000000712029_00098_12677_2116.N1	02-AUG-2004 16:56:58	Tw_i_and_stray	70.500	18	24Alp PsA	1.1660	9700.0	141	12677	No
232	GOM_NL__2PRFIN20040802_170124_000000472029_00098_12677_2117.N1	02-AUG-2004 17:01:24	Bright	47.000	103	38Zet Sgr	2.6000	9700.0	94	12677	No
233	GOM_NL__2PRFIN20040802_170359_000000542029_00098_12677_2118.N1	02-AUG-2004 17:03:59	Bright	53.500	142	49Del Cap	2.8500	8900.0	107	12677	No
234	GOM_NL__2PRFIN20040802_170804_000000532029_00098_12677_2119.N1	02-AUG-2004 17:08:04	Bright	53.000	154	22Bet Aqr	2.8990	5700.0	106	12677	No
235	GOM_NL__2PRFIN20040802_171204_000000392029_00098_12677_2120.N1	02-AUG-2004 17:12:04	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	12677	No
236	GOM_NL__2PRFIN20040802_171333_000000392029_00098_12677_2121.N1	02-AUG-2004 17:13:33	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	12677	No
237	GOM_NL__2PRFIN20040802_172038_000000372029_00098_12677_2122.N1	02-AUG-2004 17:20:38	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	12677	No
238	GOM_NL__2PRFIN20040802_172236_000000392029_00098_12677_2123.N1	02-AUG-2004 17:22:36	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	12677	No
239	GOM_NL__2PRFIN20040802_172428_000000432029_00098_12677_2124.N1	02-AUG-2004 17:24:28	Bright	43.000	69	33Gam Dra	2.2310	3800.0	86	12677	No
240	GOM_NL__2PRFIN20040802_172833_000000392029_00098_12677_2125.N1	02-AUG-2004 17:28:33	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	12677	No
241	GOM_NL__2PRFIN20040802_173241_000000392029_00098_12677_2126.N1	02-AUG-2004 17:32:41	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	12677	No
242	GOM_NL__2PRFIN20040802_173507_000000392029_00098_12677_2127.N1	02-AUG-2004 17:35:07	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	12677	No
243	GOM_NL__2PRFIN20040802_173725_000000512029_00098_12677_2128.N1	02-AUG-2004 17:37:25	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	12677	No
244	GOM_NL__2PRFIN20040802_174356_000000702029_00098_12677_2129.N1	02-AUG-2004 17:43:56	Bright	70.000	160	23Gam Per	2.9300	4700.0	140	12677	No
245	GOM_NL__2PRFIN20040802_174646_000000862029_00098_12677_2130.N1	02-AUG-2004 17:46:46	Bright	86.000	73	57Gam1And	2.2600	13100.	172	12677	No
246	GOM_NL__2PRFIN20040802_174922_000002552029_00098_12677_2131.N1	02-AUG-2004 17:49:22	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12677	No
247	GOM_NL__2PRFIN20040802_175513_000000432029_00098_12677_2132.N1	02-AUG-2004 17:55:13	Tw_i_and_stray	43.000	176	23Zet Tau	3.0200	22000.	86	12677	No
248	GOM_NL__2PRFIN20040802_175748_000000592029_00098_12677_2133.N1	02-AUG-2004 17:57:48	Dark	59.000	13	87Alp Tau	0.86700	3800.0	118	12677	No
249	GOM_NL__2PRFIN20040802_175947_000000422029_00098_12677_2134.N1	02-AUG-2004 17:59:47	Dark	42.000	27	24Gam Ori	1.6360	26000.	84	12677	No
250	GOM_NL__2PRFIN20040802_180141_000000412029_00098_12677_2135.N1	02-AUG-2004 18:01:41	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	12677	No
251	GOM_NL__2PRFIN20040802_180302_000000432029_00098_12677_2136.N1	02-AUG-2004 18:03:02	Dark	42.500	125	44Iot Ori	2.7700	30000.	85	12677	No
252	GOM_NL__2PRFIN20040802_180453_000000432029_00098_12677_2137.N1	02-AUG-2004 18:04:53	Dark	43.000	1	9Alp CMa	-1.4400	11000.	86	12677	No
253	GOM_NL__2PRFIN20040802_180622_000000462029_00098_12677_2138.N1	02-AUG-2004 18:06:22	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	12677	No
254	GOM_NL__2PRFIN20040802_180849_000000412029_00098_12677_2139.N1	02-AUG-2004 18:08:49	Dark	40.500	177	1Zet CMa	3.0220	26000.	81	12677	No
255	GOM_NL__2PRFIN20040802_181458_000000512029_00098_12677_2140.N1	02-AUG-2004 18:14:58	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	12677	No
256	GOM_NL__2PRFIN20040802_181827_000000492029_00099_12678_2110.N1	02-AUG-2004 18:18:27	Dark	49.000	157	The1Eri	2.9060	9300.0	98	12678	No
257	GOM_NL__2PRFIN20040802_182350_000000492029_00099_12678_2111.N1	02-AUG-2004 18:23:50	Dark	48.500	9	Alp Eri	0.45300	24000.	97	12678	No
258	GOM_NL__2PRFIN20040802_182535_000000392029_00099_12678_2112.N1	02-AUG-2004 18:25:35	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	12678	No
259	GOM_NL__2PRFIN20040802_182846_000000562029_00099_12678_2113.N1	02-AUG-2004 18:28:46	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	12678	No
260	GOM_NL__2PRFIN20040802_183033_000000472029_00099_12678_2114.N1	02-AUG-2004 18:30:33	Straylight	47.000	148	Alp Tuc	2.8780	4100.0	94	12678	No
261	GOM_NL__2PRFIN20040802_183357_000000452029_00099_12678_2115.N1	02-AUG-2004 18:33:57	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	12678	No
262	GOM_NL__2PRFIN20040802_183732_000000712029_00099_12678_2116.N1	02-AUG-2004 18:37:32	Tw_i_and_stray	70.500	18	24Alp PsA	1.1660	9700.0	141	12678	No
263	GOM_NL__2PRFIN20040802_184200_000000482029_00099_12678_2117.N1	02-AUG-2004 18:42:00	Bright	48.000	103	38Zet Sgr	2.6000	9700.0	96	12678	No
264	GOM_NL__2PRFIN20040802_184435_000000552029_00099_12678_2118.N1	02-AUG-2004 18:44:35	Bright	54.500	142	49Del Cap	2.8500	8900.0	109	12678	No
265	GOM_NL__2PRFIN20040802_184840_000000532029_00099_12678_2119.N1	02-AUG-2004 18:48:40	Bright	53.000	154	22Bet Aqr	2.8990	5700.0	106	12678	No
266	GOM_NL__2PRFIN20040802_185240_000000402029_00099_12678_2120.N1	02-AUG-2004 18:52:40	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	12678	No
267	GOM_NL__2PRFIN20040802_185409_000000372029_00099_12678_2121.N1	02-AUG-2004 18:54:09	Bright	36.500	168	17Zet Aql	2.9860	11000.	73	12678	No
268	GOM_NL__2PRFIN20040802_190114_000000392029_00099_12678_2122.N1	02-AUG-2004 19:01:14	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	12678	No
269	GOM_NL__2PRFIN20040802_190312_000000382029_00099_12678_2123.N1	02-AUG-2004 19:03:12	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	12678	No
270	GOM_NL__2PRFIN20040802_190504_000000402029_00099_12678_2124.N1	02-AUG-2004 19:05:04	Bright	39.500	69	33Gam Dra	2.2310	3800.0	79	12678	No
271	GOM_NL__2PRFIN20040802_190909_000000392029_00099_12678_2125.N1	02-AUG-2004 19:09:09	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	12678	No
272	GOM_NL__2PRFIN20040802_191317_000000392029_00099_12678_2126.N1	02-AUG-2004 19:13:17	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	12678	No
273	GOM_NL__2PRFIN20040802_191543_000000382029_00099_12678_2127.N1	02-AUG-2004 19:15:43	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	12678	No
274	GOM_NL__2PRFIN20040802_191800_000000492029_00099_12678_2128.N1	02-AUG-2004 19:18:00	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	12678	No
275	GOM_NL__2PRFIN20040802_192431_000000512029_00099_12678_2129.N1	02-AUG-2004 19:24:31	Bright	50.500	160	23Gam Per	2.9300	4700.0	101	12678	No
276	GOM_NL__2PRFIN20040802_192722_000000872029_00099_12678_2130.N1	02-AUG-2004 19:27:22	Bright	87.000	73	57Gam1And	2.2600	13100.	174	12678	No
277	GOM_NL__2PRFIN20040802_192957_000002552029_00099_12678_2131.N1	02-AUG-2004 19:29:57	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12678	No
278	GOM_NL__2PRFIN20040802_193549_000000442029_00099_12678_2132.N1	02-AUG-2004 19:35:49	Tw_i_and_stray	44.000	176	23Zet Tau	3.0200	22000.	88	12678	No

279	GOM_NL__2PRFIN20040802_193824_000000612029_00099_12678_2133.N1	02-AUG-2004 19:38:24	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	12678	No
280	GOM_NL__2PRFIN20040802_194023_000000442029_00099_12678_2134.N1	02-AUG-2004 19:40:23	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	12678	No
281	GOM_NL__2PRFIN20040802_194217_000000432029_00099_12678_2135.N1	02-AUG-2004 19:42:17	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	12678	No
282	GOM_NL__2PRFIN20040802_194338_000000442029_00099_12678_2136.N1	02-AUG-2004 19:43:38	Dark	43.500	125	44Iot Ori	2.7700	30000.	87	12678	No
283	GOM_NL__2PRFIN20040802_194529_000000442029_00099_12678_2137.N1	02-AUG-2004 19:45:29	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	12678	No
284	GOM_NL__2PRFIN20040802_194658_000000442029_00099_12678_2138.N1	02-AUG-2004 19:46:58	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	12678	No
285	GOM_NL__2PRFIN20040802_194924_000000392029_00099_12678_2139.N1	02-AUG-2004 19:49:24	Dark	39.000	177	1Zet CMa	3.0220	26000.	78	12678	No
286	GOM_NL__2PRFIN20040802_195534_000000512029_00099_12678_2140.N1	02-AUG-2004 19:55:34	Dark	51.000	2	Alp Car	-0.73600	7000.0	102	12678	No
287	GOM_NL__2PRFIN20040802_195904_000000492029_00100_12679_2110.N1	02-AUG-2004 19:59:04	Dark	49.000	157	The1Eri	2.9060	9300.0	98	12679	No
288	GOM_NL__2PRFIN20040802_214503_000000462029_00101_12680_2110.N1	02-AUG-2004 21:45:03	Dark	46.000	9	Alp Eri	0.45300	24000.	92	12680	No
289	GOM_NL__2PRFIN20040802_214647_000000392029_00101_12680_2111.N1	02-AUG-2004 21:46:47	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	12680	No
290	GOM_NL__2PRFIN20040802_214959_000000672029_00101_12680_2112.N1	02-AUG-2004 21:49:59	Straylight	67.000	84	Alp Phe	2.3970	4500.0	134	12680	No
291	GOM_NL__2PRFIN20040802_215509_000000462029_00101_12680_2113.N1	02-AUG-2004 21:55:09	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	12680	No
292	GOM_NL__2PRFIN20040802_215847_000000692029_00101_12680_2114.N1	02-AUG-2004 21:58:47	Tw_i_and_stray	68.500	18	24Alp PsA	1.1660	9700.0	137	12680	No
293	GOM_NL__2PRFIN20040802_220313_000000482029_00101_12680_2115.N1	02-AUG-2004 22:03:13	Bright	48.000	103	38Zet Sgr	2.6000	9700.0	96	12680	No
294	GOM_NL__2PRFIN20040802_220546_000000532029_00101_12680_2116.N1	02-AUG-2004 22:05:46	Bright	52.500	142	49Del Cap	2.8500	8900.0	105	12680	No
295	GOM_NL__2PRFIN20040802_220952_000000542029_00101_12680_2117.N1	02-AUG-2004 22:09:52	Bright	53.500	154	22Bet Aqr	2.8990	5700.0	107	12680	No
296	GOM_NL__2PRFIN20040802_221352_000000392029_00101_12680_2118.N1	02-AUG-2004 22:13:52	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	12680	No
297	GOM_NL__2PRFIN20040802_221521_000000382029_00101_12680_2119.N1	02-AUG-2004 22:15:21	Bright	38.000	168	17Zet Aql	2.9860	11000.	76	12680	No
298	GOM_NL__2PRFIN20040802_222226_000000372029_00101_12680_2120.N1	02-AUG-2004 22:22:26	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	12680	No
299	GOM_NL__2PRFIN20040802_222423_000000372029_00101_12680_2121.N1	02-AUG-2004 22:24:23	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	12680	No
300	GOM_NL__2PRFIN20040802_222617_000000352029_00101_12680_2122.N1	02-AUG-2004 22:26:17	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	12680	No
301	GOM_NL__2PRFIN20040802_223022_000000392029_00101_12680_2123.N1	02-AUG-2004 22:30:22	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	12680	No
302	GOM_NL__2PRFIN20040802_223429_000000342029_00101_12680_2124.N1	02-AUG-2004 22:34:29	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	12680	No
303	GOM_NL__2PRFIN20040802_223655_000000382029_00101_12680_2125.N1	02-AUG-2004 22:36:55	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	12680	No
304	GOM_NL__2PRFIN20040802_223910_000000502029_00101_12680_2126.N1	02-AUG-2004 22:39:10	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	12680	No
305	GOM_NL__2PRFIN20040802_224542_000000522029_00101_12680_2127.N1	02-AUG-2004 22:45:42	Bright	52.000	160	23Gam Per	2.9300	4700.0	104	12680	No
306	GOM_NL__2PRFIN20040802_224832_000000862029_00101_12680_2128.N1	02-AUG-2004 22:48:32	Bright	85.500	73	57Gam1And	2.2600	13100.	171	12680	No
307	GOM_NL__2PRFIN20040802_225107_000002552029_00101_12680_2129.N1	02-AUG-2004 22:51:07	Tw_i_and_stray	255.00	53	43Bet And	2.0480	3300.0	510	12680	No
308	GOM_NL__2PRFIN20040802_225701_000000432029_00101_12680_2130.N1	02-AUG-2004 22:57:01	Tw_i_and_stray	43.000	176	23Zet Tau	3.0200	22000.	86	12680	No
309	GOM_NL__2PRFIN20040802_225937_000000632029_00101_12680_2131.N1	02-AUG-2004 22:59:37	Dark	62.500	13	87Alp Tau	0.86700	3800.0	125	12680	No
310	GOM_NL__2PRFIN20040802_230135_000000452029_00101_12680_2132.N1	02-AUG-2004 23:01:35	Dark	45.000	27	24Gam Ori	1.6360	26000.	90	12680	No
311	GOM_NL__2PRFIN20040802_230330_000000462029_00101_12680_2133.N1	02-AUG-2004 23:03:30	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	12680	No
312	GOM_NL__2PRFIN20040802_230450_000000422029_00101_12680_2134.N1	02-AUG-2004 23:04:50	Dark	42.000	125	44Iot Ori	2.7700	30000.	84	12680	No
313	GOM_NL__2PRFIN20040802_230642_000000432029_00101_12680_2135.N1	02-AUG-2004 23:06:42	Dark	42.500	1	9Alp CMa	-1.4400	11000.	85	12680	No
314	GOM_NL__2PRFIN20040802_230811_000000432029_00101_12680_2136.N1	02-AUG-2004 23:08:11	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	12680	No
315	GOM_NL__2PRFIN20040802_231036_000000392029_00101_12680_2137.N1	02-AUG-2004 23:10:36	Dark	39.000	177	1Zet CMa	3.0220	26000.	78	12680	No
316	GOM_NL__2PRFIN20040802_231645_000000462029_00101_12680_2138.N1	02-AUG-2004 23:16:45	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	12680	No
317	GOM_NL__2PRFIN20040802_232017_000000502029_00102_12681_2110.N1	02-AUG-2004 23:20:17	Dark	49.500	157	The1Eri	2.9060	9300.0	99	12681	No
318	GOM_NL__2PRFIN20040802_232539_000000552029_00102_12681_2111.N1	02-AUG-2004 23:25:39	Dark	54.500	9	Alp Eri	0.45300	24000.	109	12681	No
319	GOM_NL__2PRFIN20040802_232721_000000432029_00102_12681_2112.N1	02-AUG-2004 23:27:21	Dark	43.000	135	Bet Hyi	2.8200	5800.0	86	12681	No
320	GOM_NL__2PRFIN20040802_233036_000000582029_00102_12681_2113.N1	02-AUG-2004 23:30:36	Straylight	58.000	84	Alp Phe	2.3970	4500.0	116	12681	No
321	GOM_NL__2PRFIN20040802_233543_000000502029_00102_12681_2114.N1	02-AUG-2004 23:35:43	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	12681	No
322	GOM_NL__2PRFIN20040802_233924_000000682029_00102_12681_2115.N1	02-AUG-2004 23:39:24	Tw_i_and_stray	67.500	18	24Alp PsA	1.1660	9700.0	135	12681	No
323	GOM_NL__2PRFIN20040802_234346_000000492029_00102_12681_2116.N1	02-AUG-2004 23:43:46	Bright	48.500	103	38Zet Sgr	2.6000	9700.0	97	12681	No
324	GOM_NL__2PRFIN20040802_234622_000000552029_00102_12681_2117.N1	02-AUG-2004 23:46:22	Bright	54.500	142	49Del Cap	2.8500	8900.0	109	12681	No
325	GOM_NL__2PRFIN20040802_235028_000000522029_00102_12681_2118.N1	02-AUG-2004 23:50:28	Bright	51.500	154	22Bet Aqr	2.8990	5700.0	103	12681	No
326	GOM_NL__2PRFIN20040802_235427_000000402029_00102_12681_2119.N1	02-AUG-2004 23:54:27	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	12681	No
327	GOM_NL__2PRFIN20040802_235556_000000392029_00102_12681_2120.N1	02-AUG-2004 23:55:56	Bright	38.500	168	17Zet Aql	2.9860	11000.	77	12681	No

3. Quality information per product

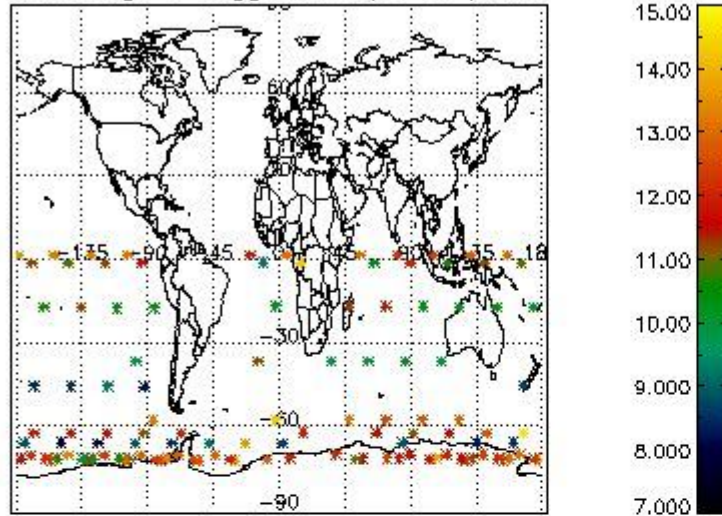
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

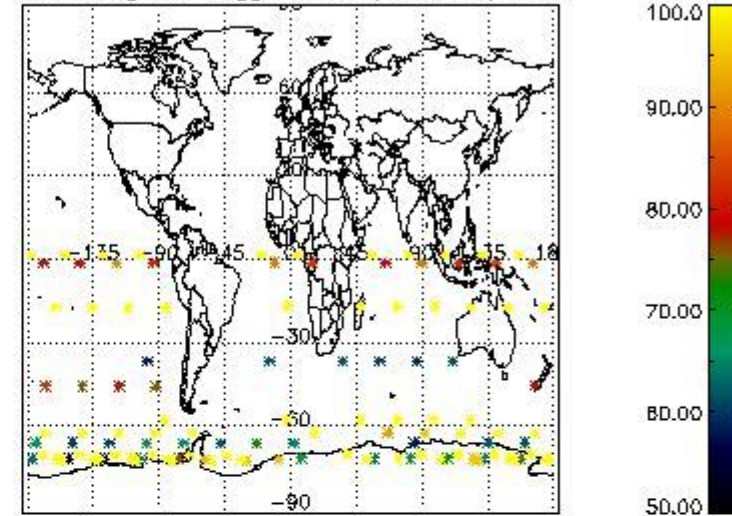


3.2 Plot quality information per product (world map)

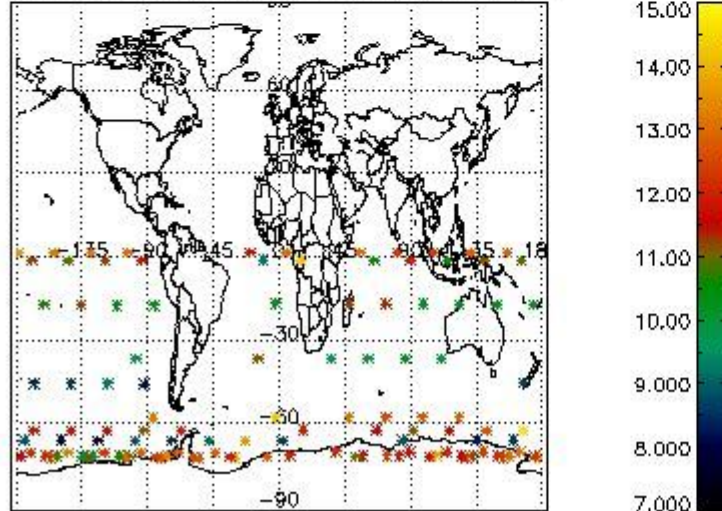
Percentage of flagged data per O3 profile



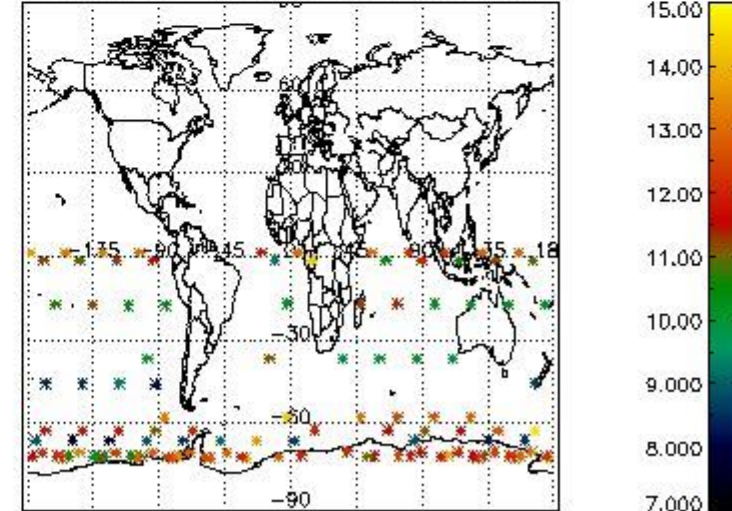
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

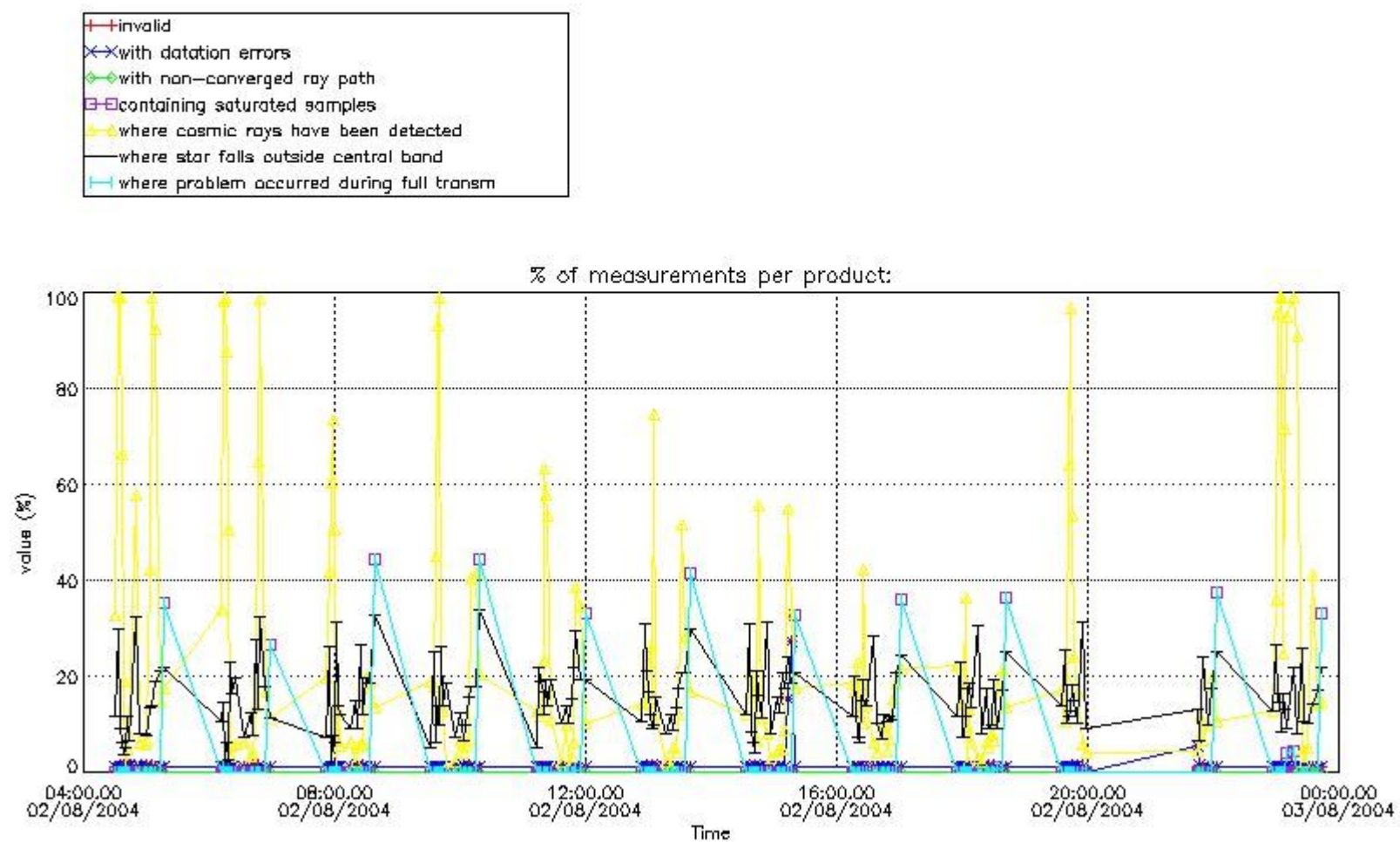


4. Level 1 quality information per product

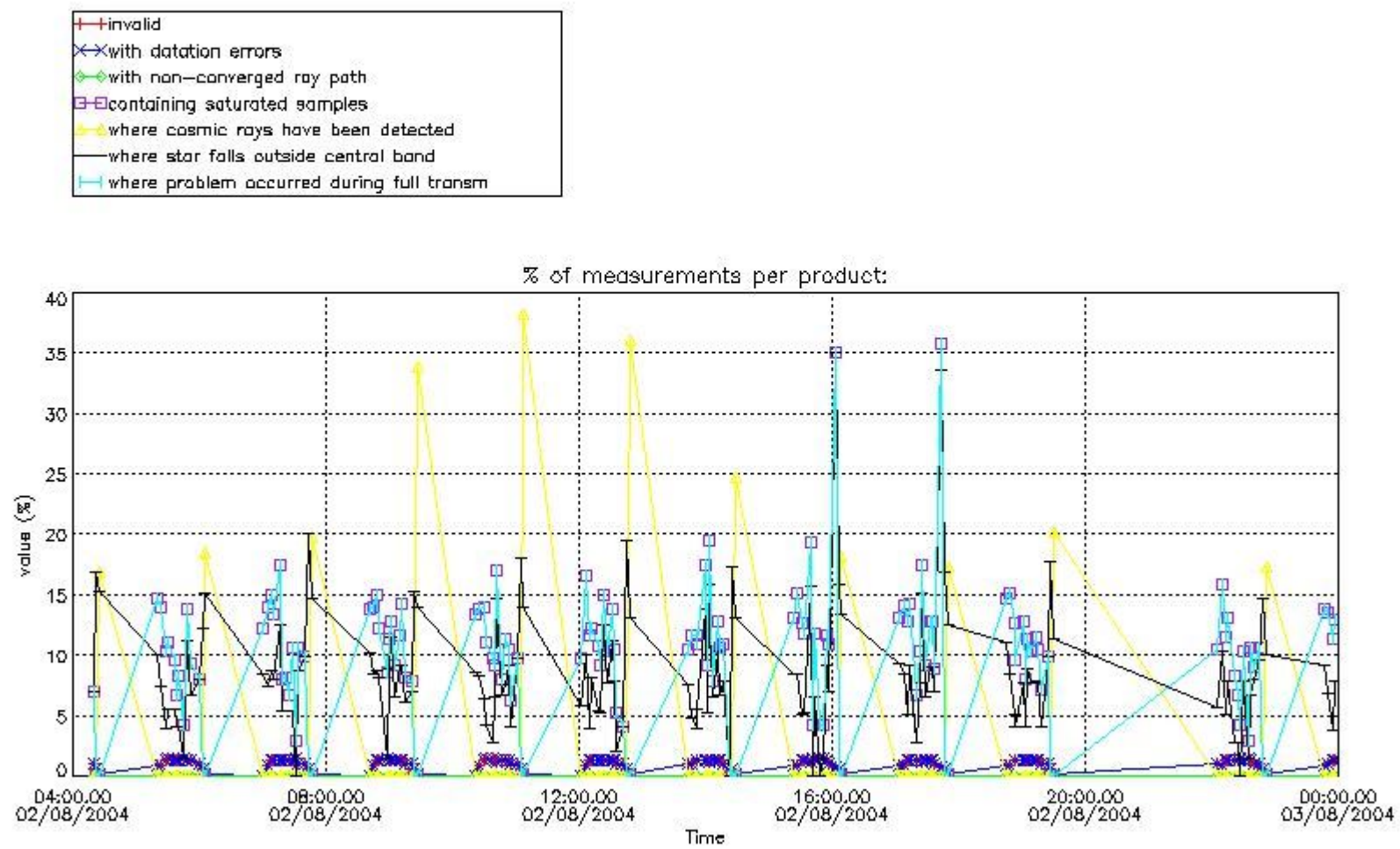
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

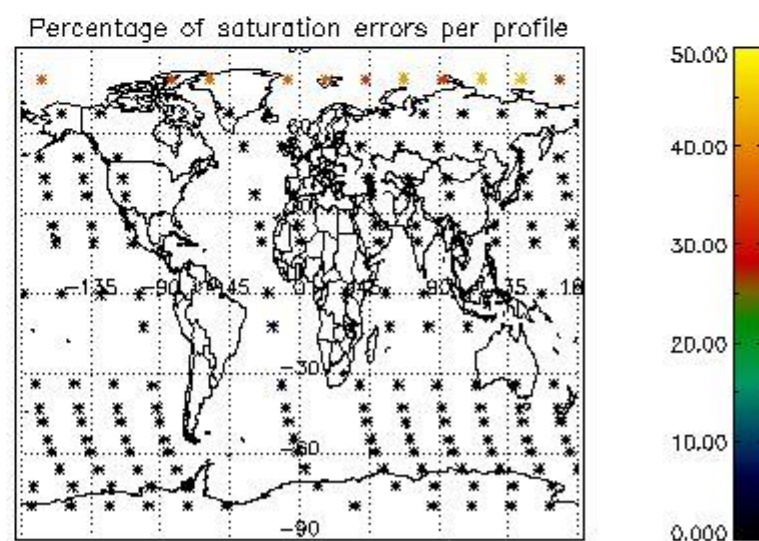
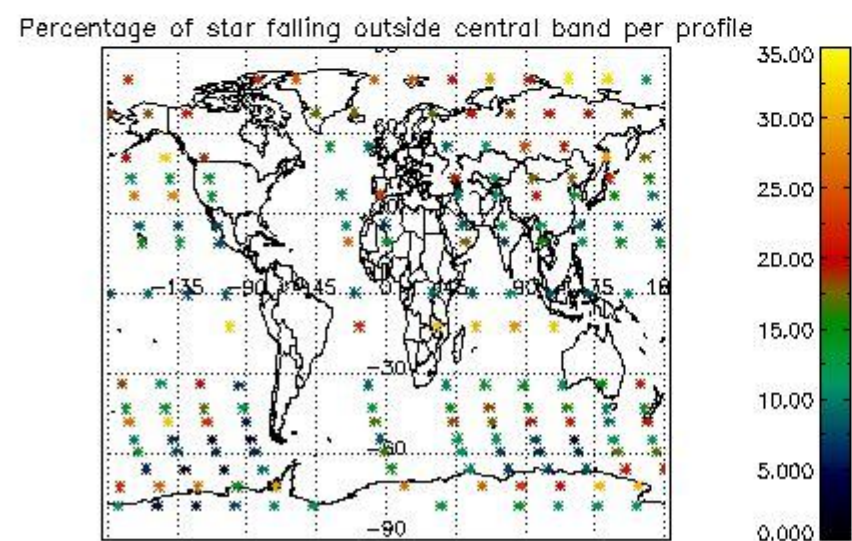
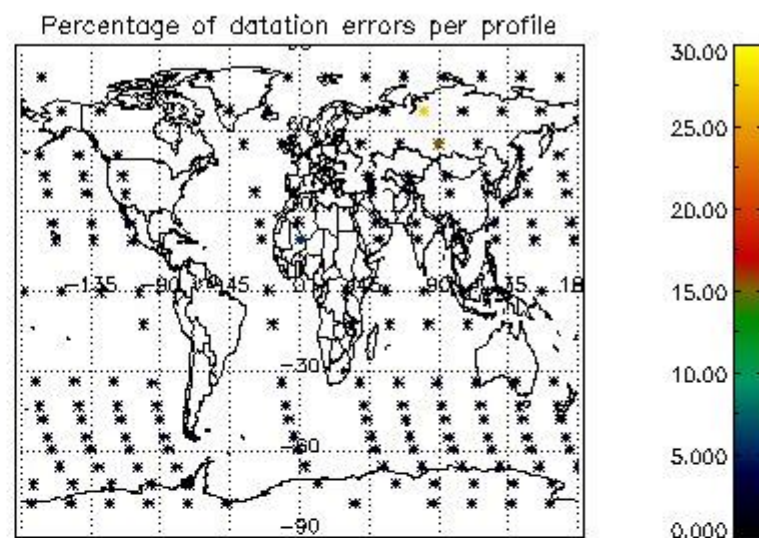
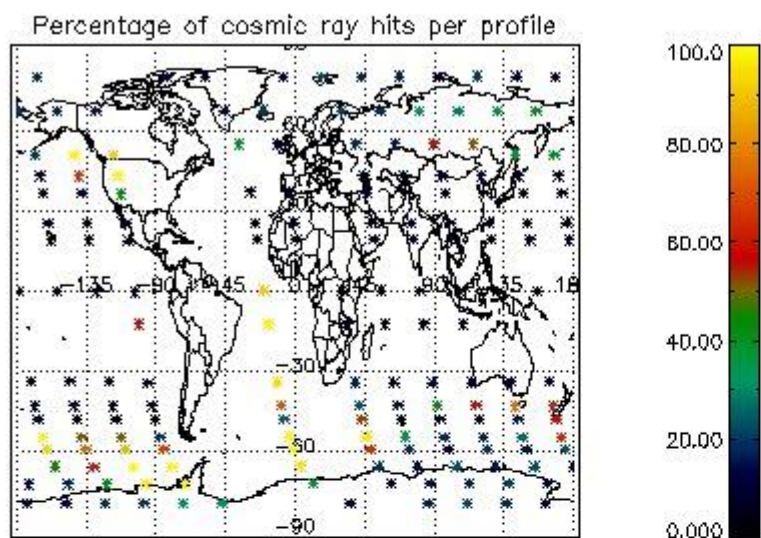


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

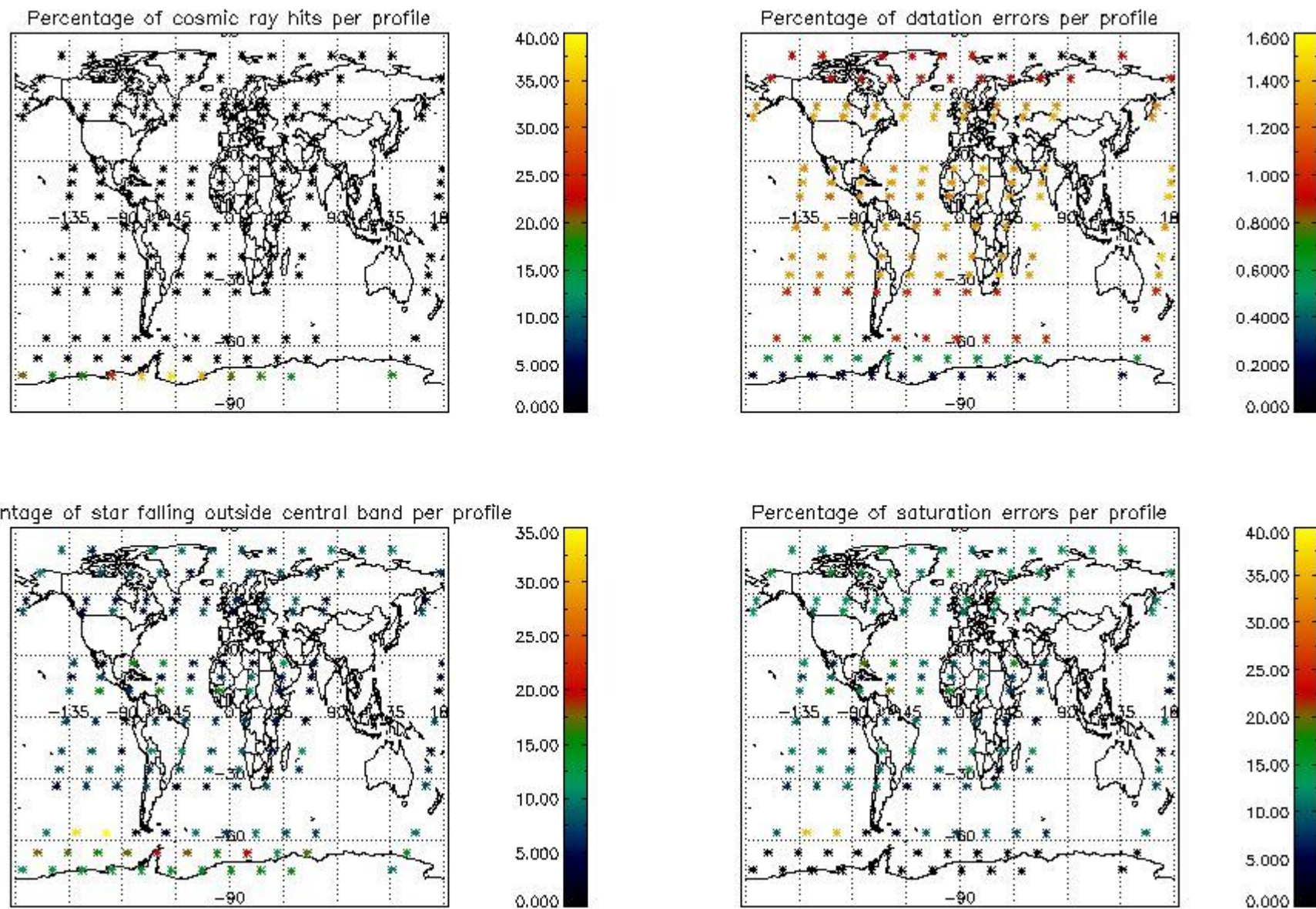


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

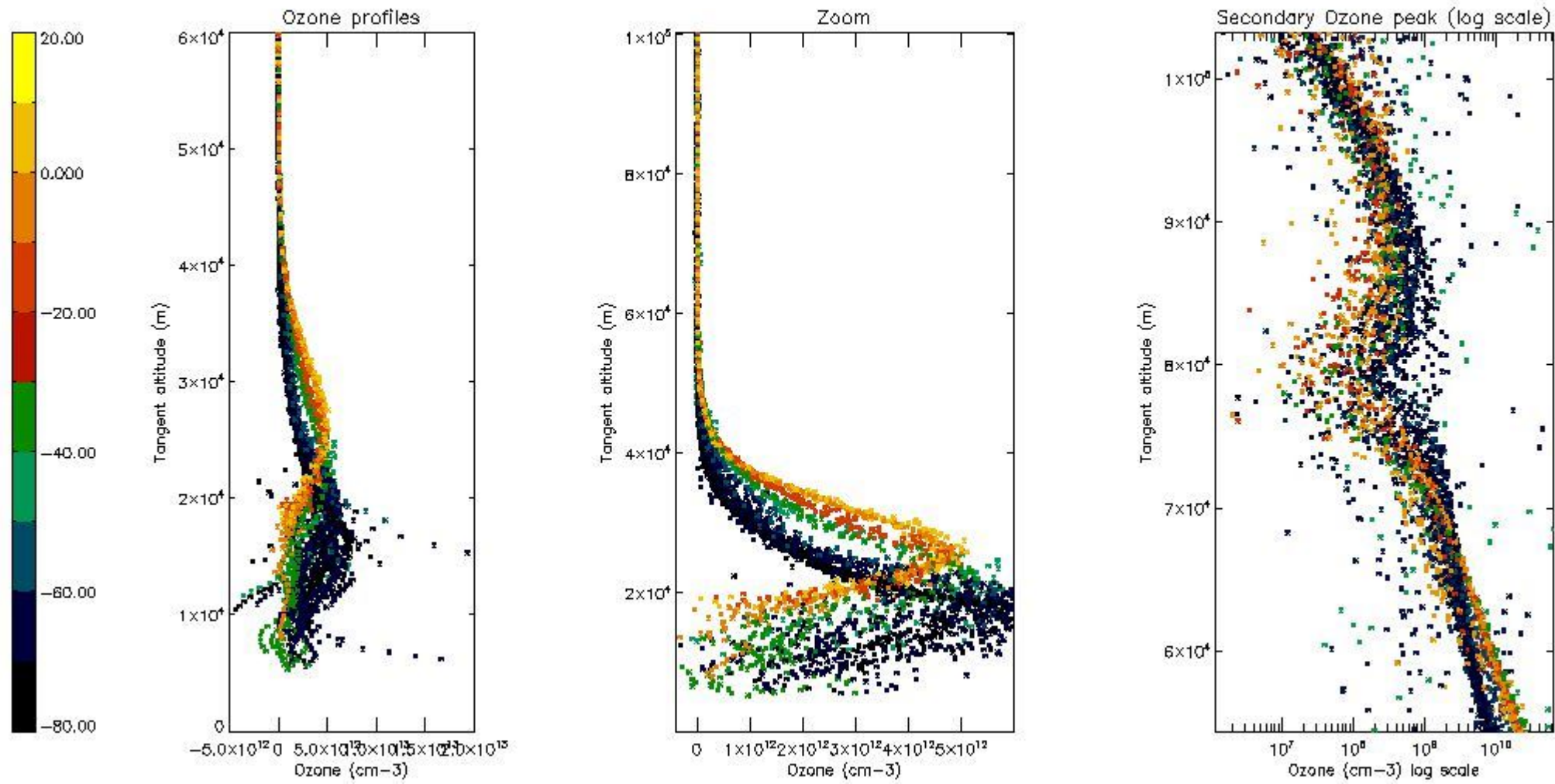
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	18

STD < 10	15
STD < 5	11

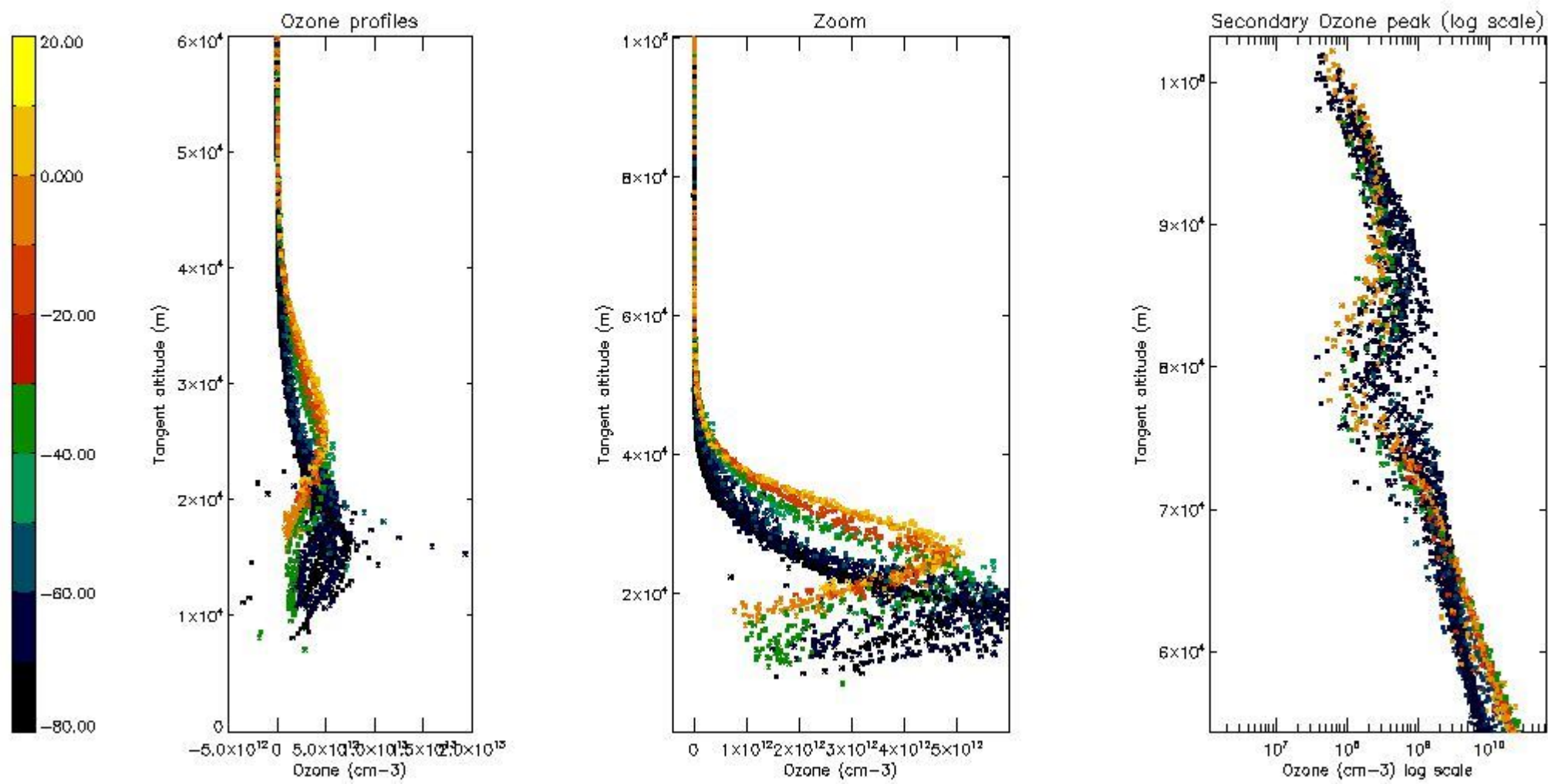
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



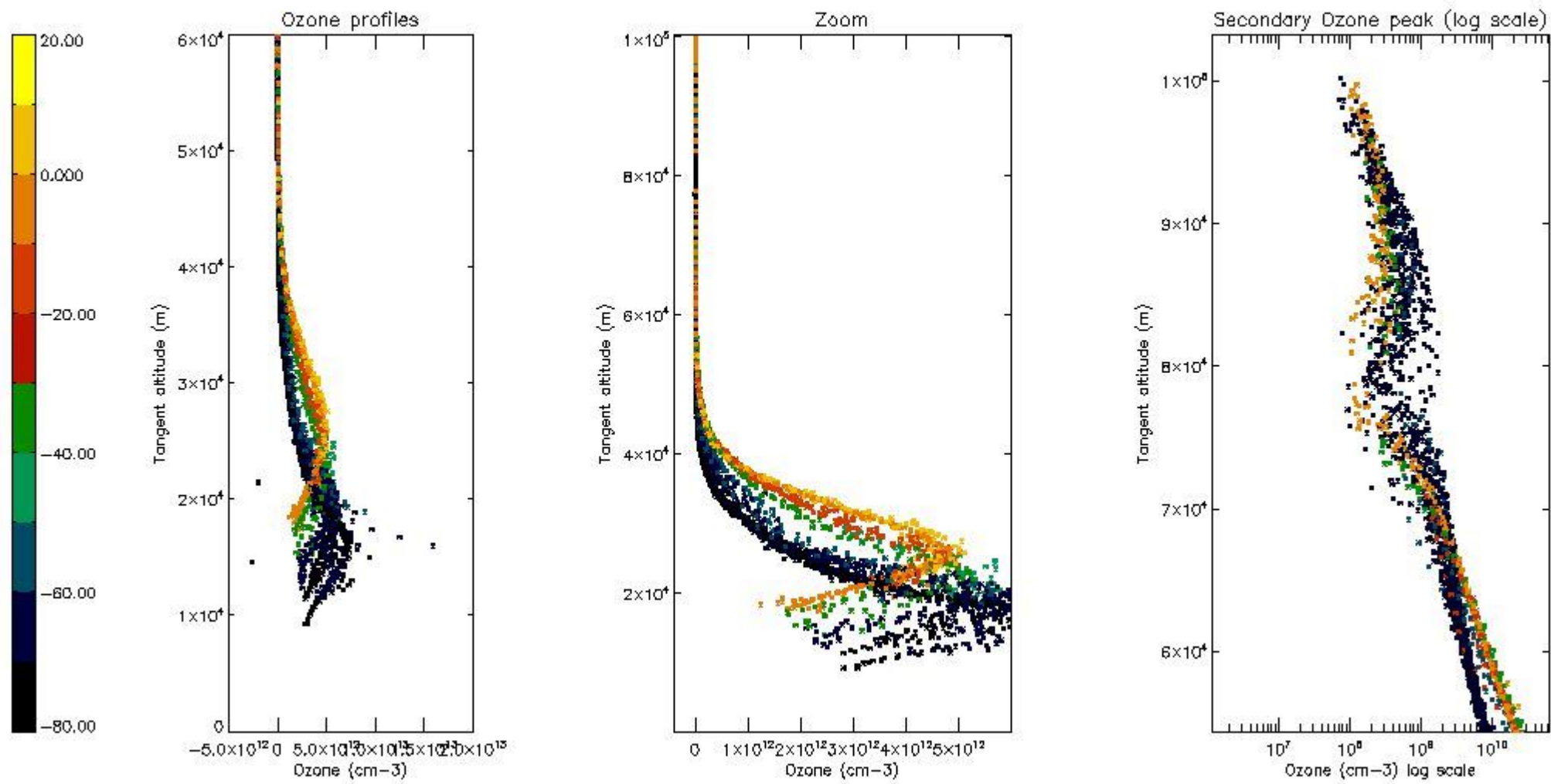
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



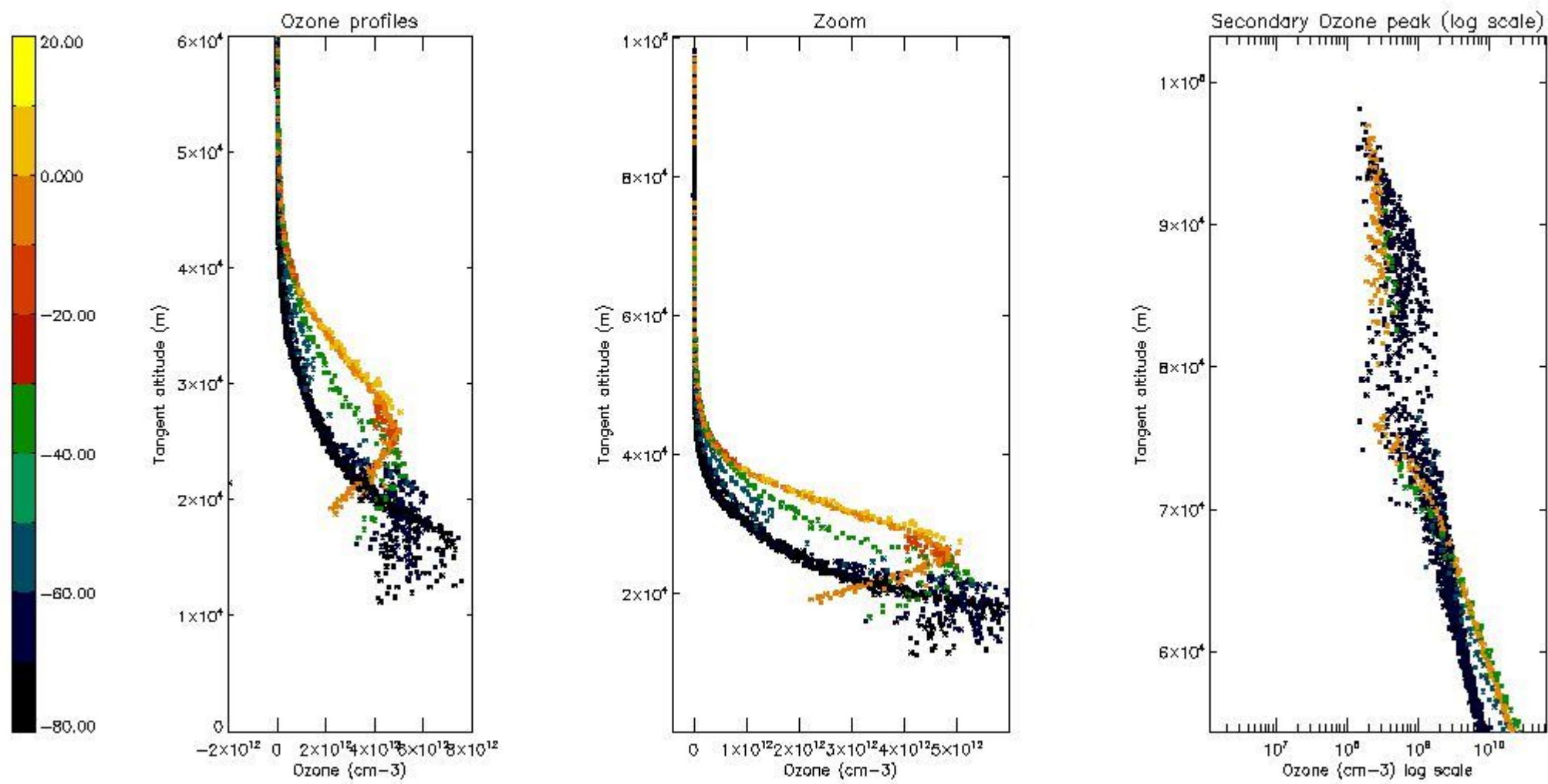
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



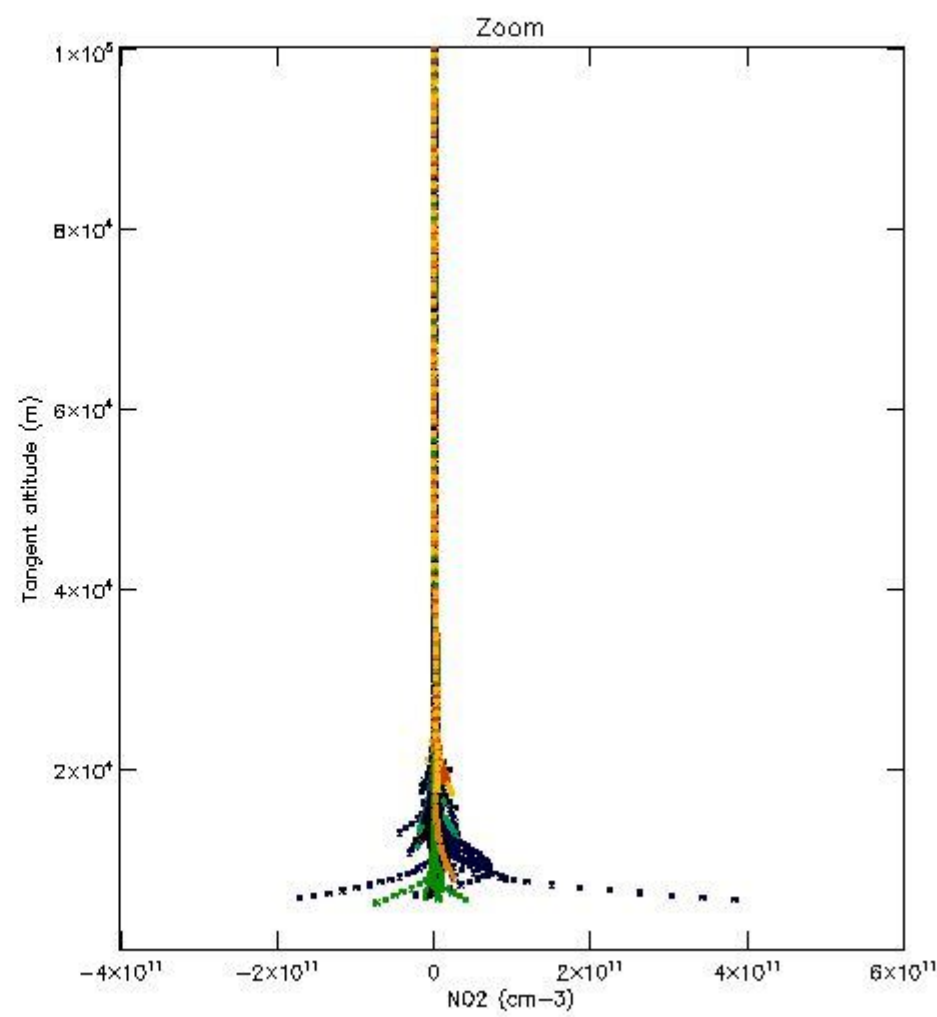
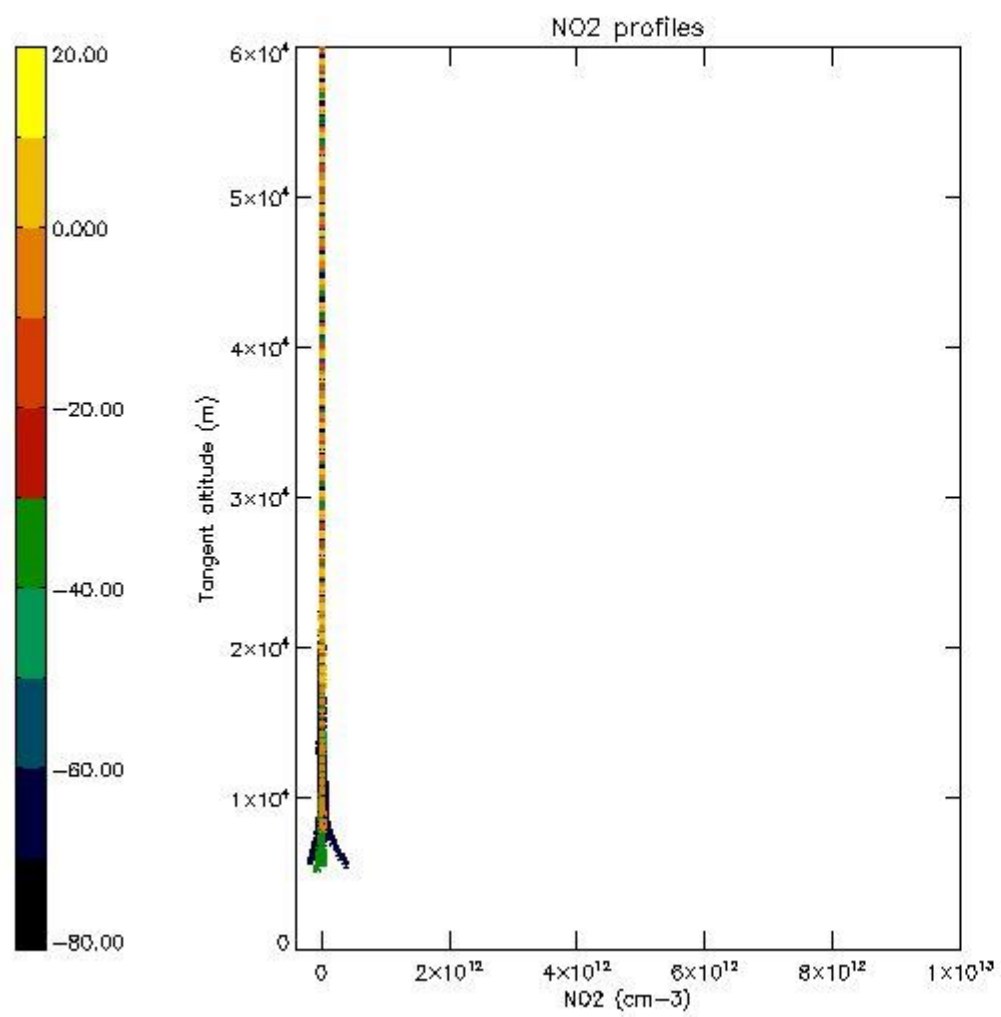
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



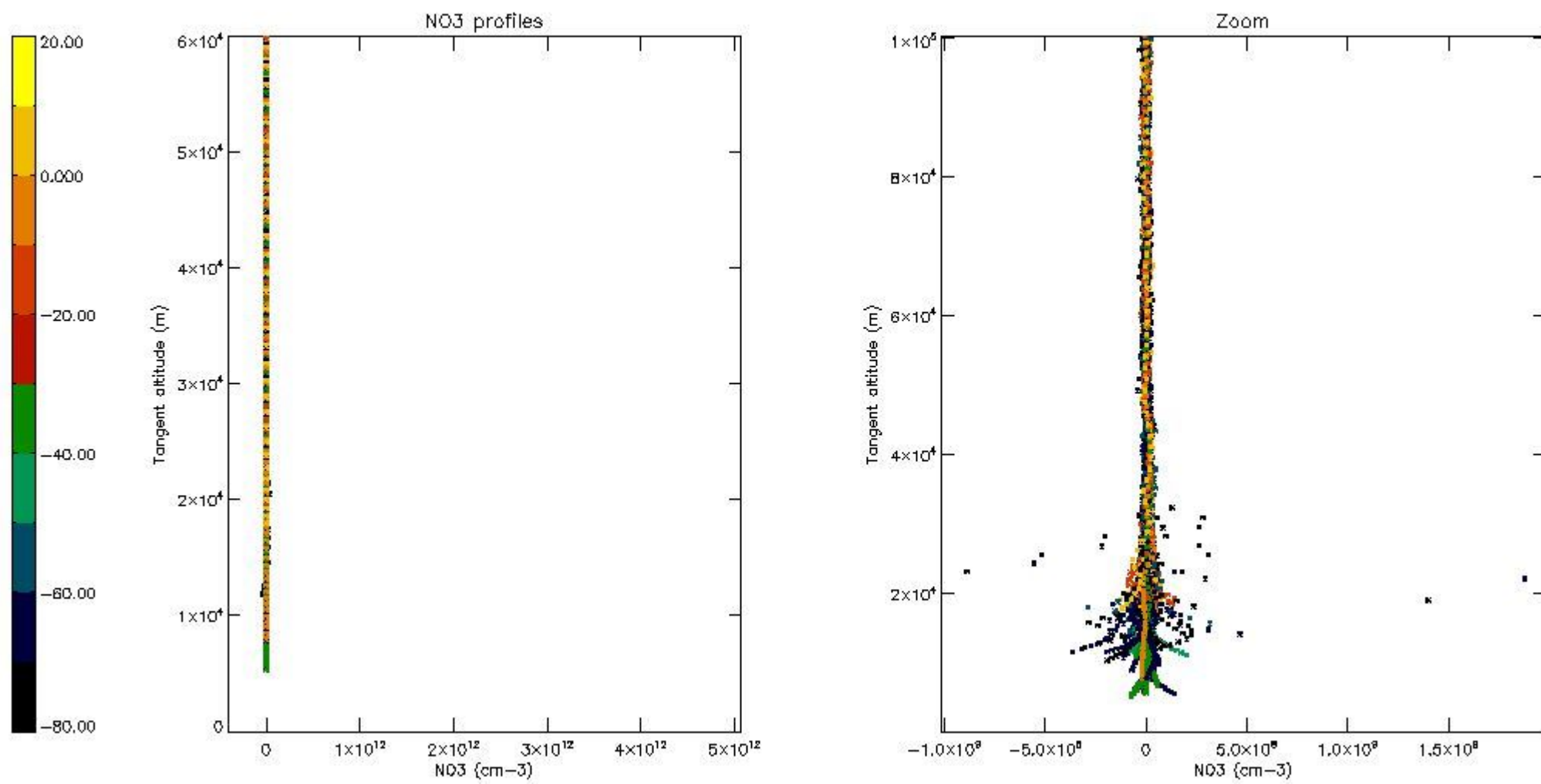
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



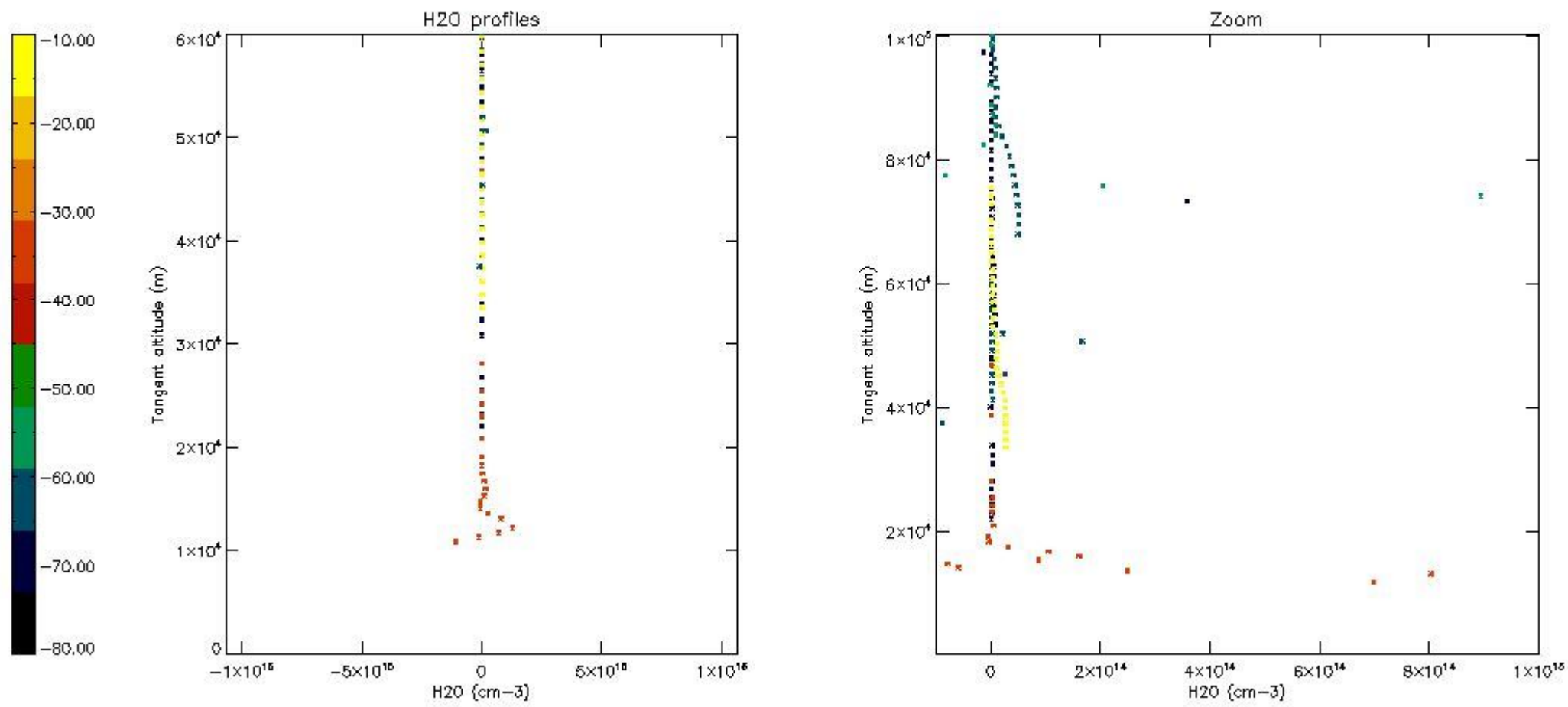
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

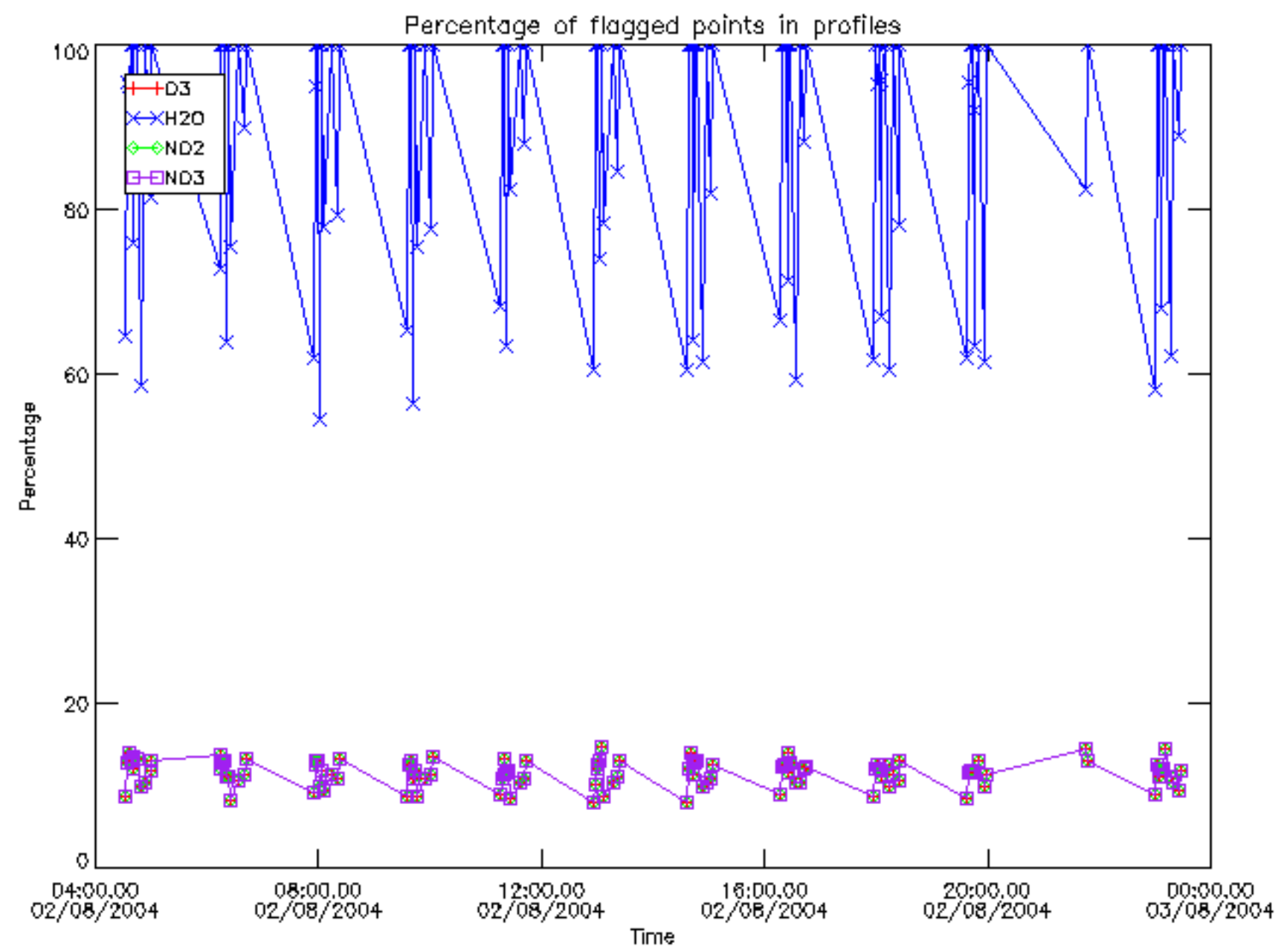
The colorbar represents the latitude.



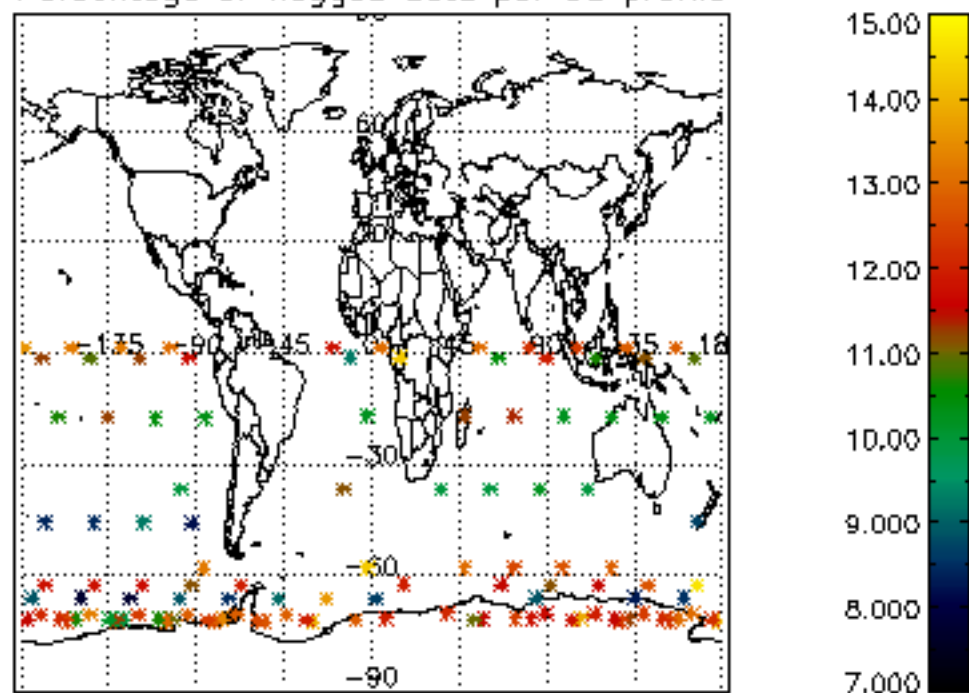
6. Auxiliary Data Files used for the production reported in section 2

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.

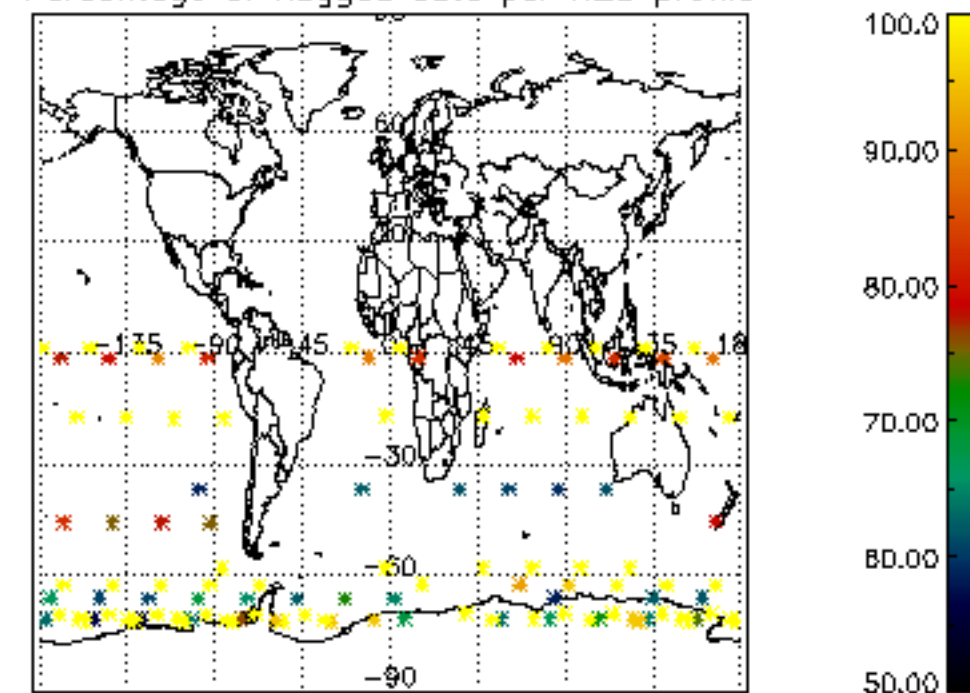
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	02-AUG-2004 04:19:10
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-AUG-2004 04:19:10
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-AUG-2004 04:19:10



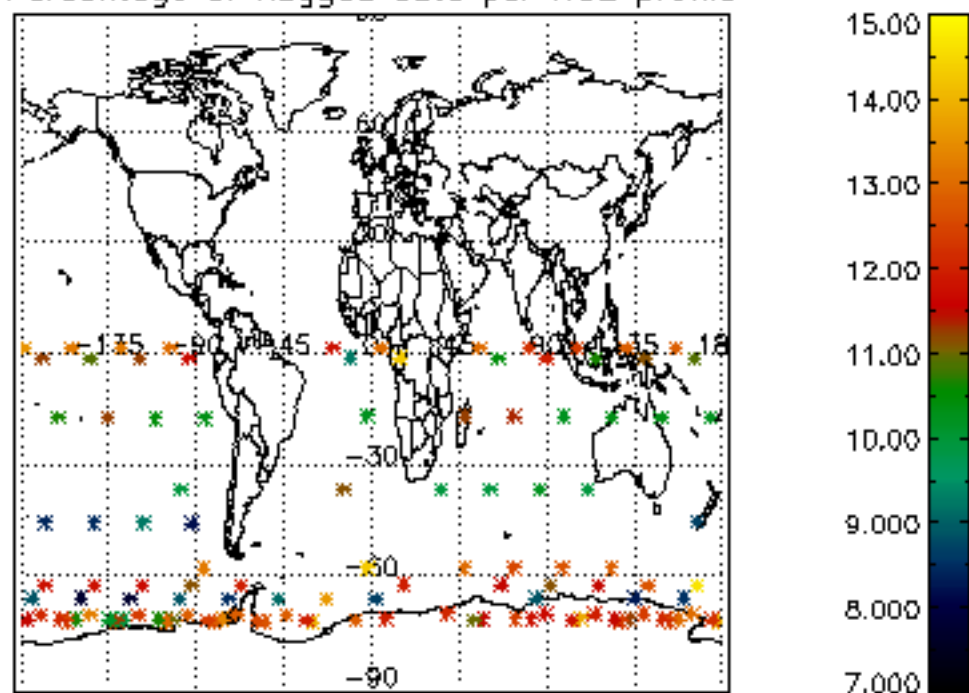
Percentage of flagged data per D3 profile



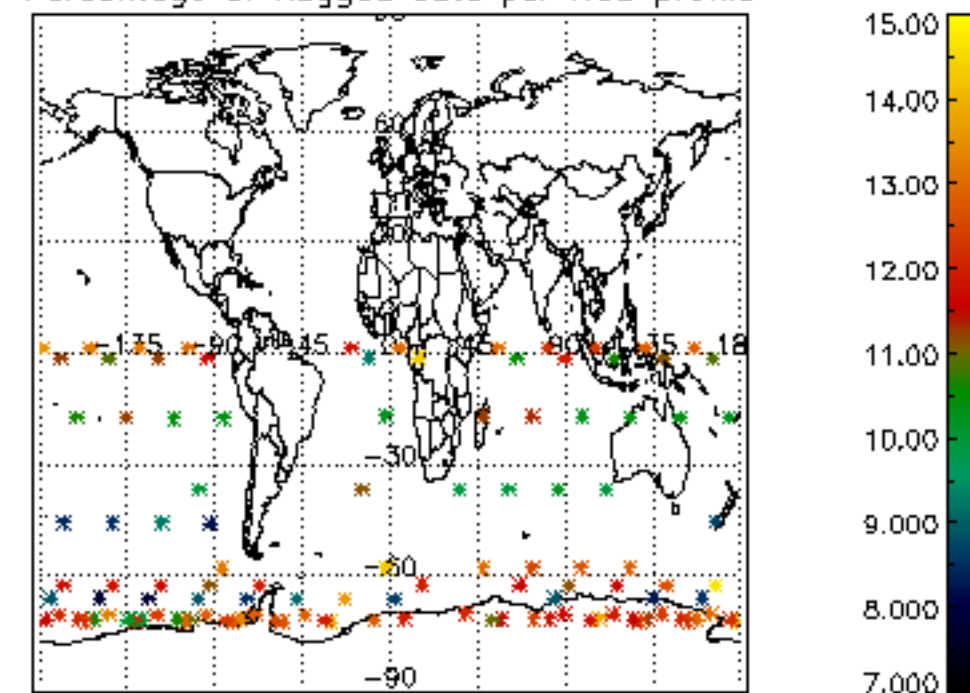
Percentage of flagged data per H2O profile

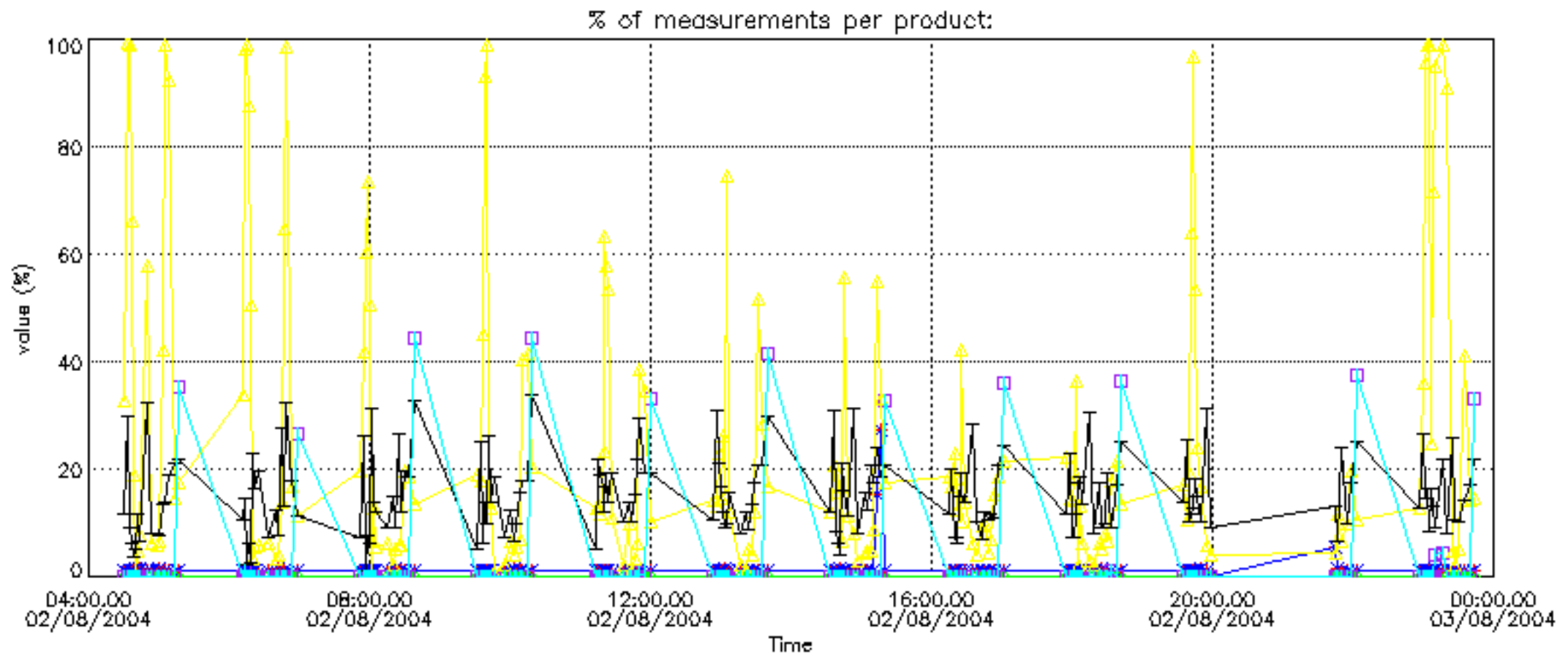


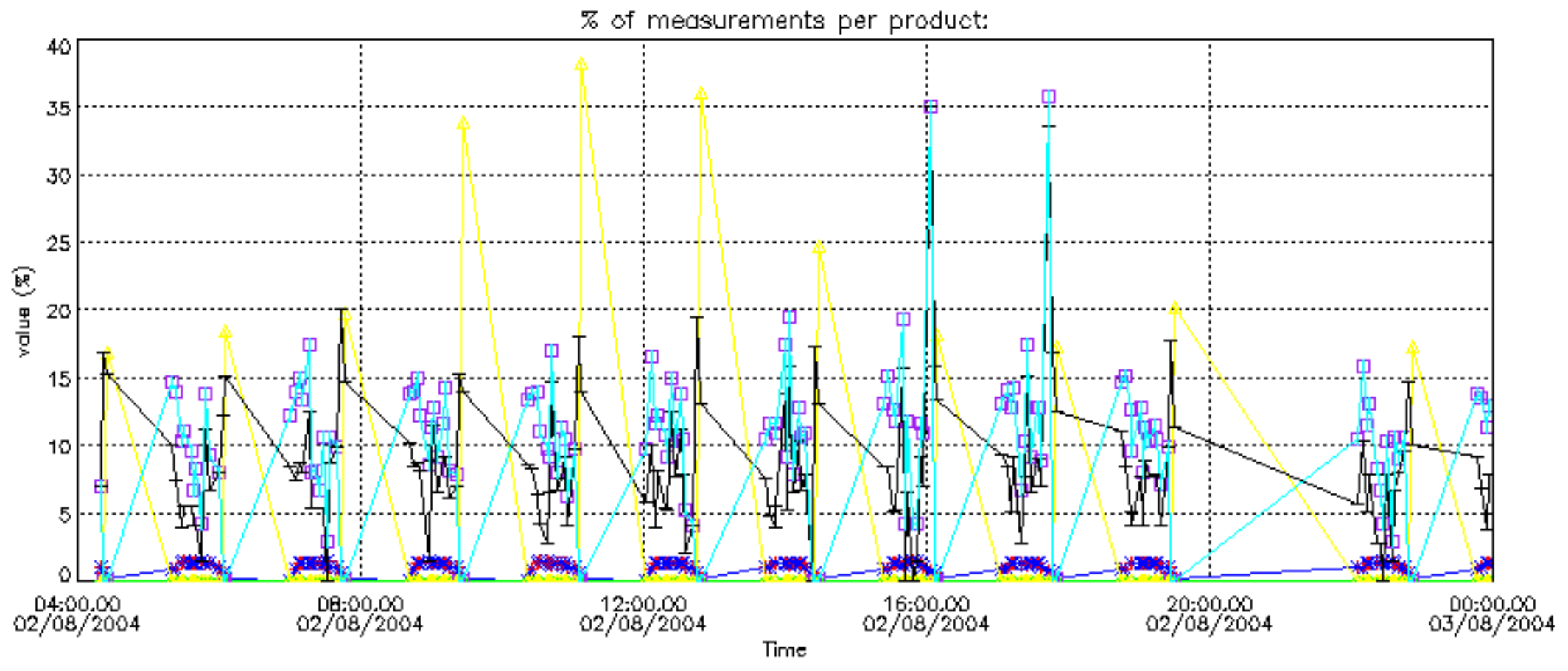
Percentage of flagged data per NO2 profile



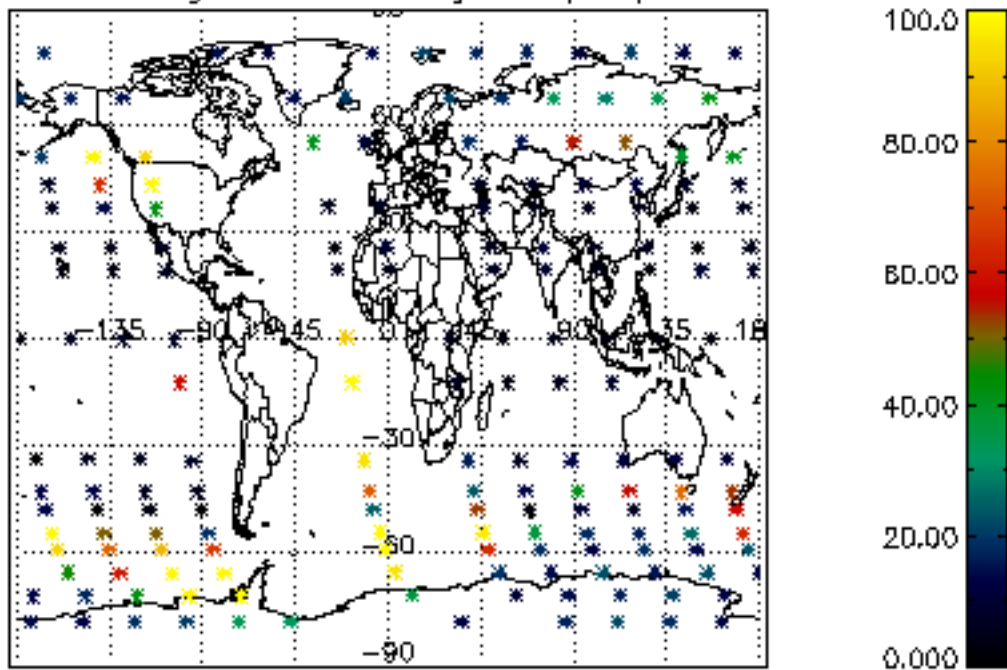
Percentage of flagged data per NO3 profile



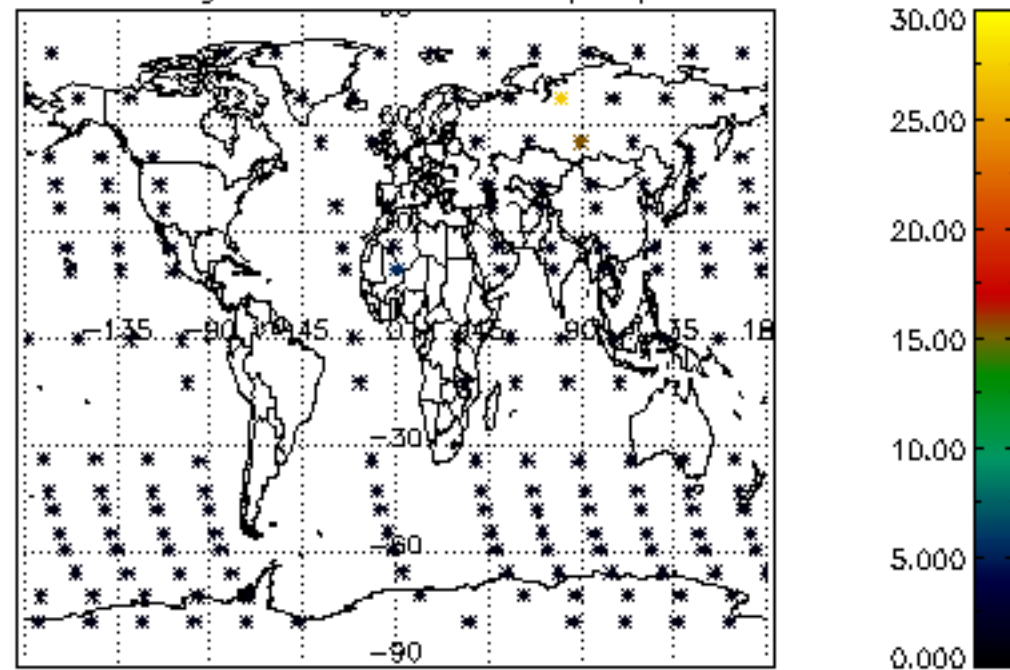




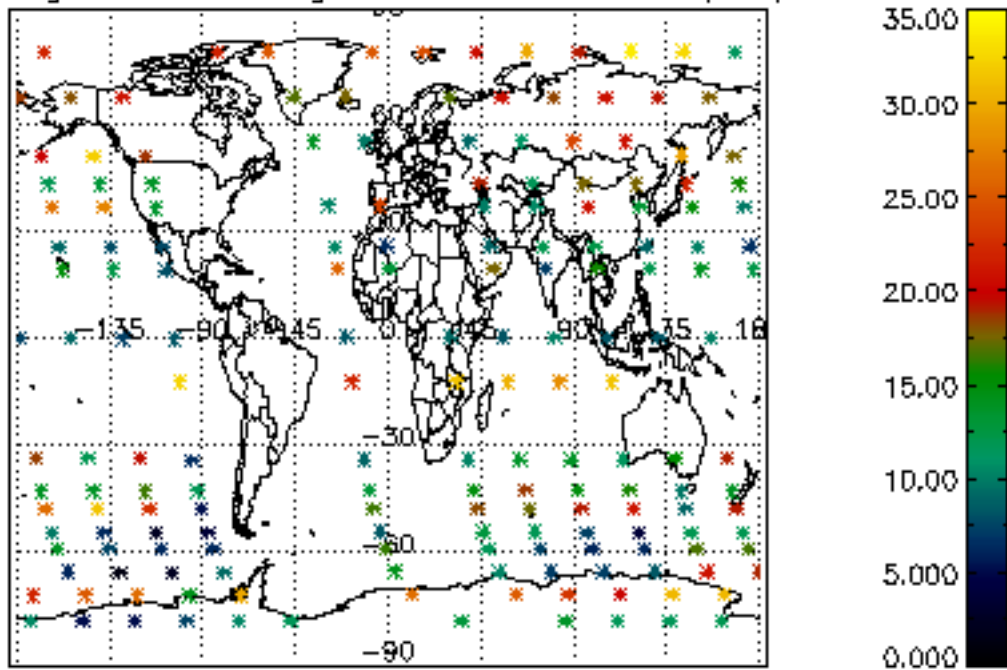
Percentage of cosmic ray hits per profile



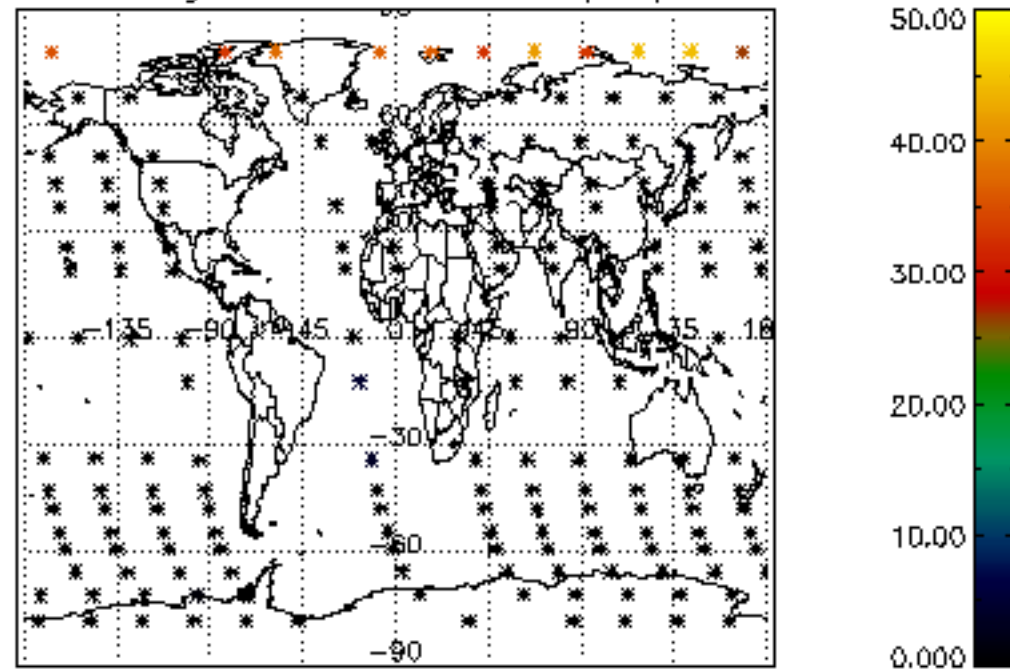
Percentage of datation errors per profile



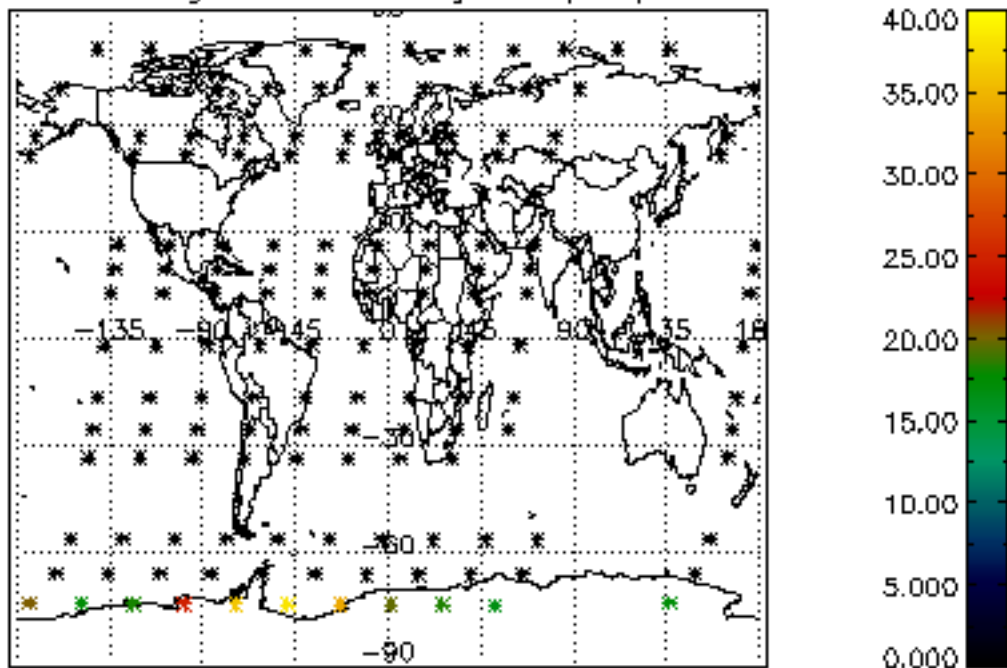
Percentage of star falling outside central band per profile



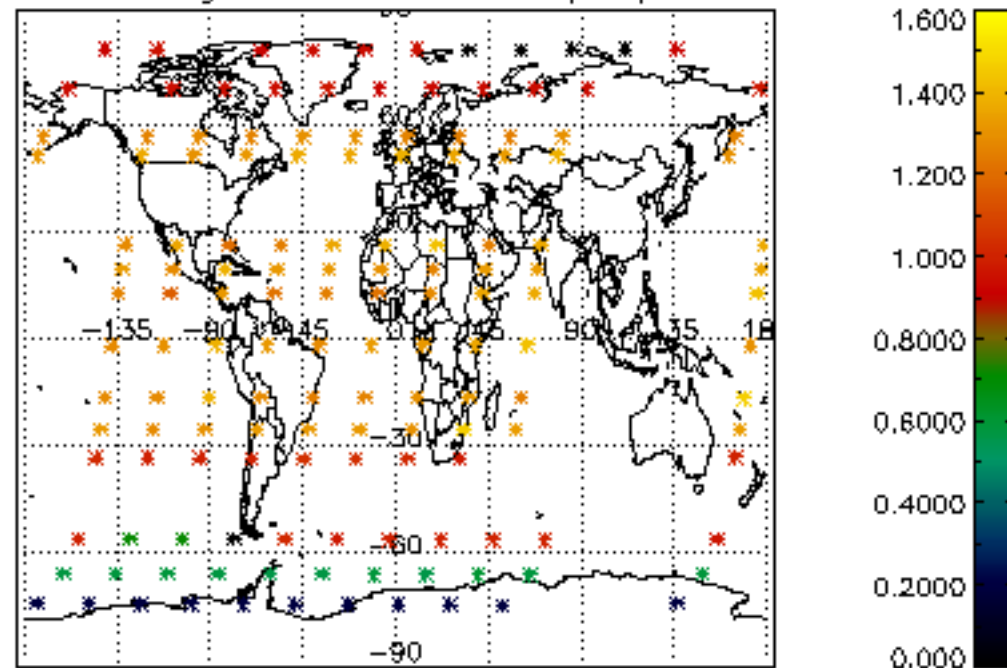
Percentage of saturation errors per profile



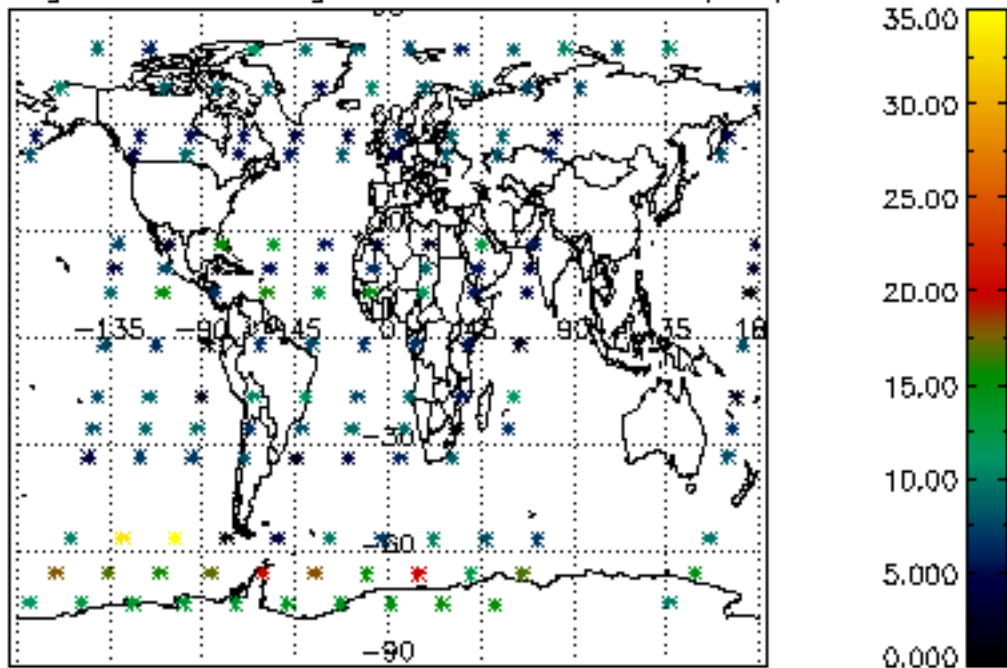
Percentage of cosmic ray hits per profile



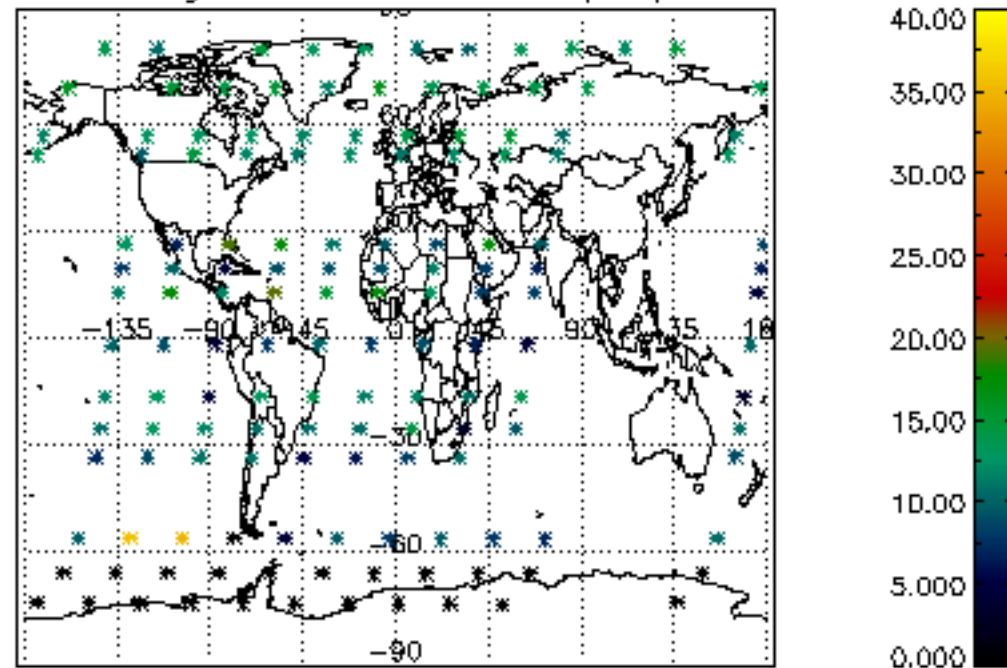
Percentage of datation errors per profile

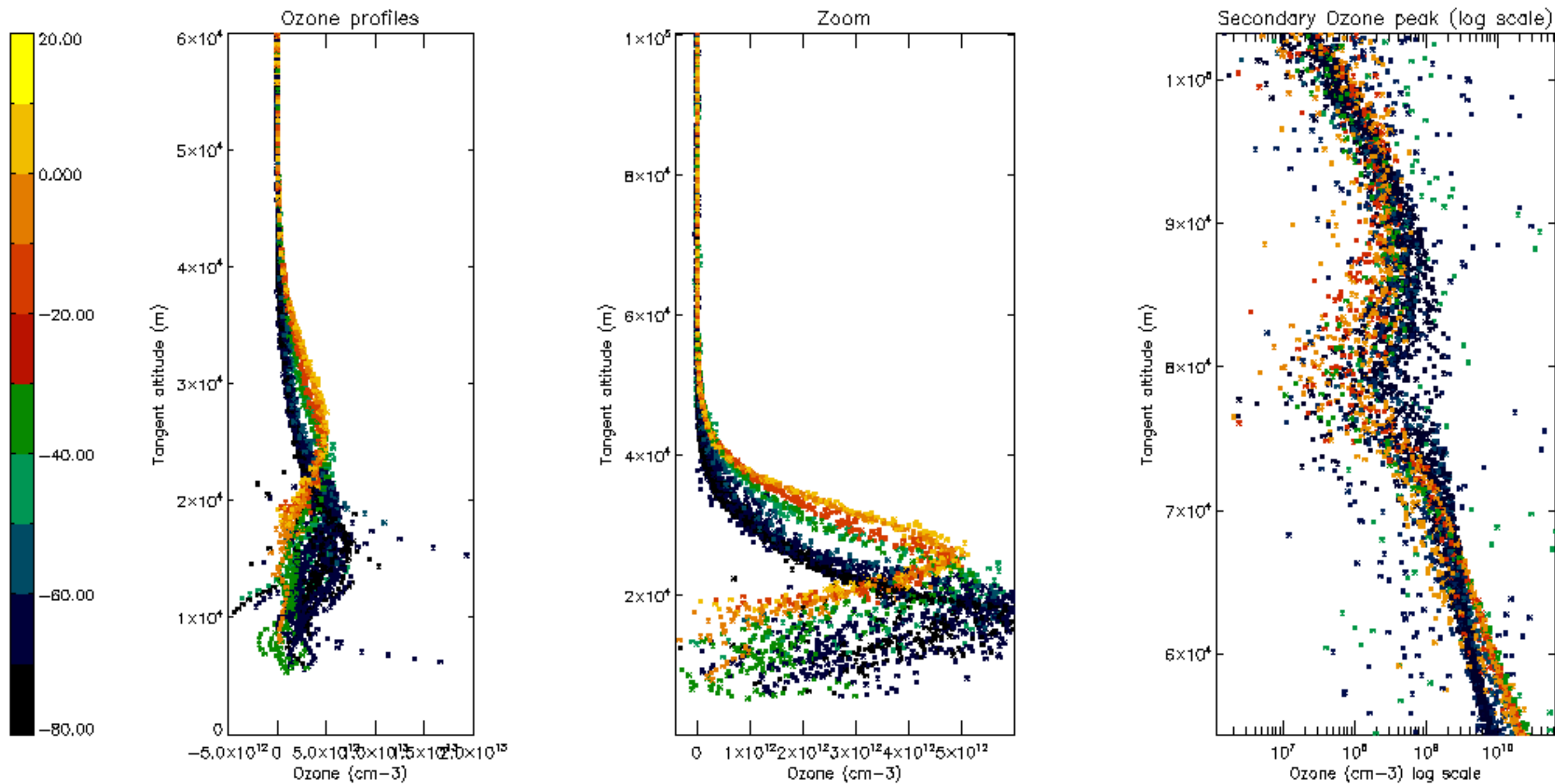


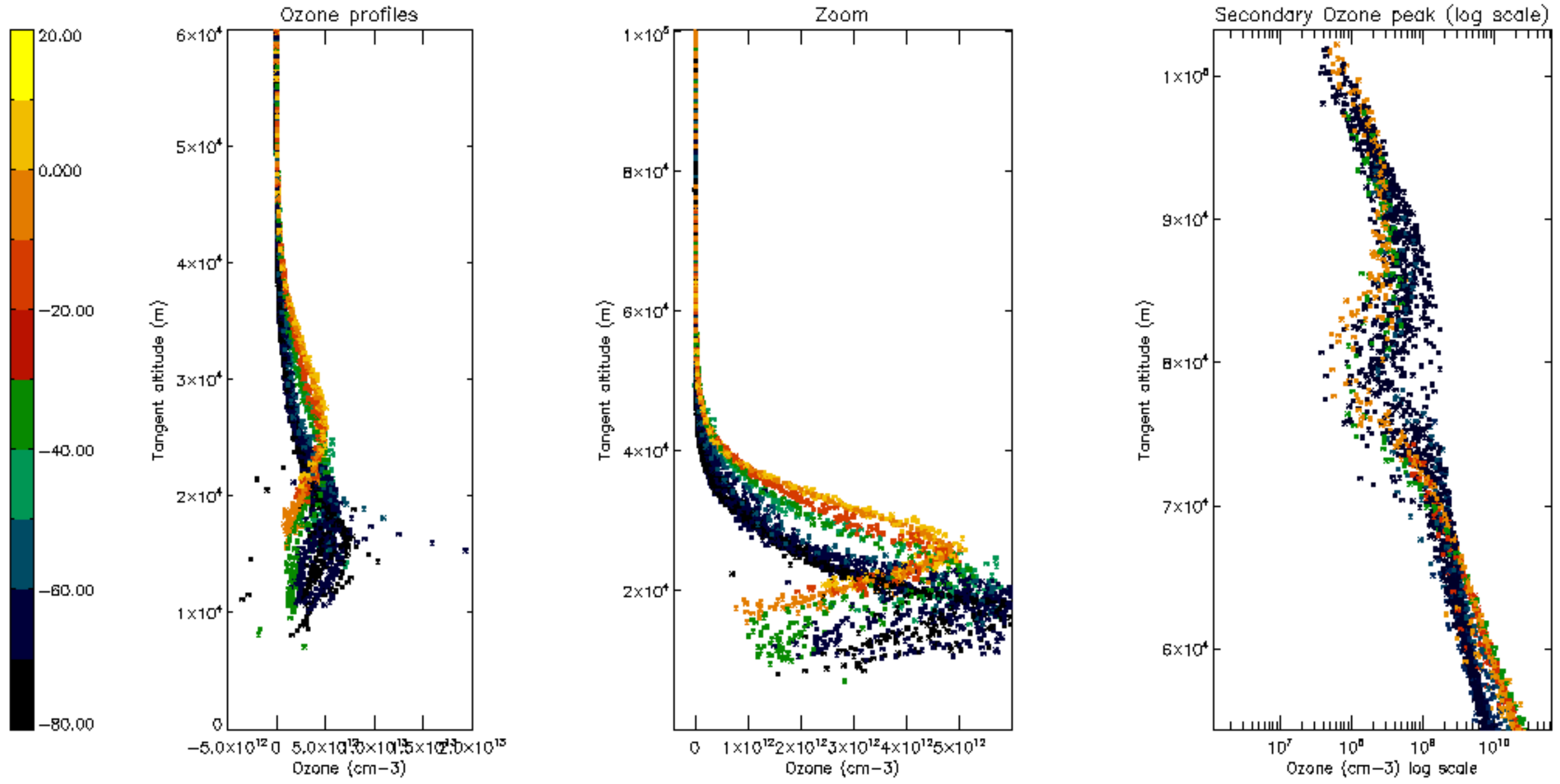
Percentage of star falling outside central band per profile

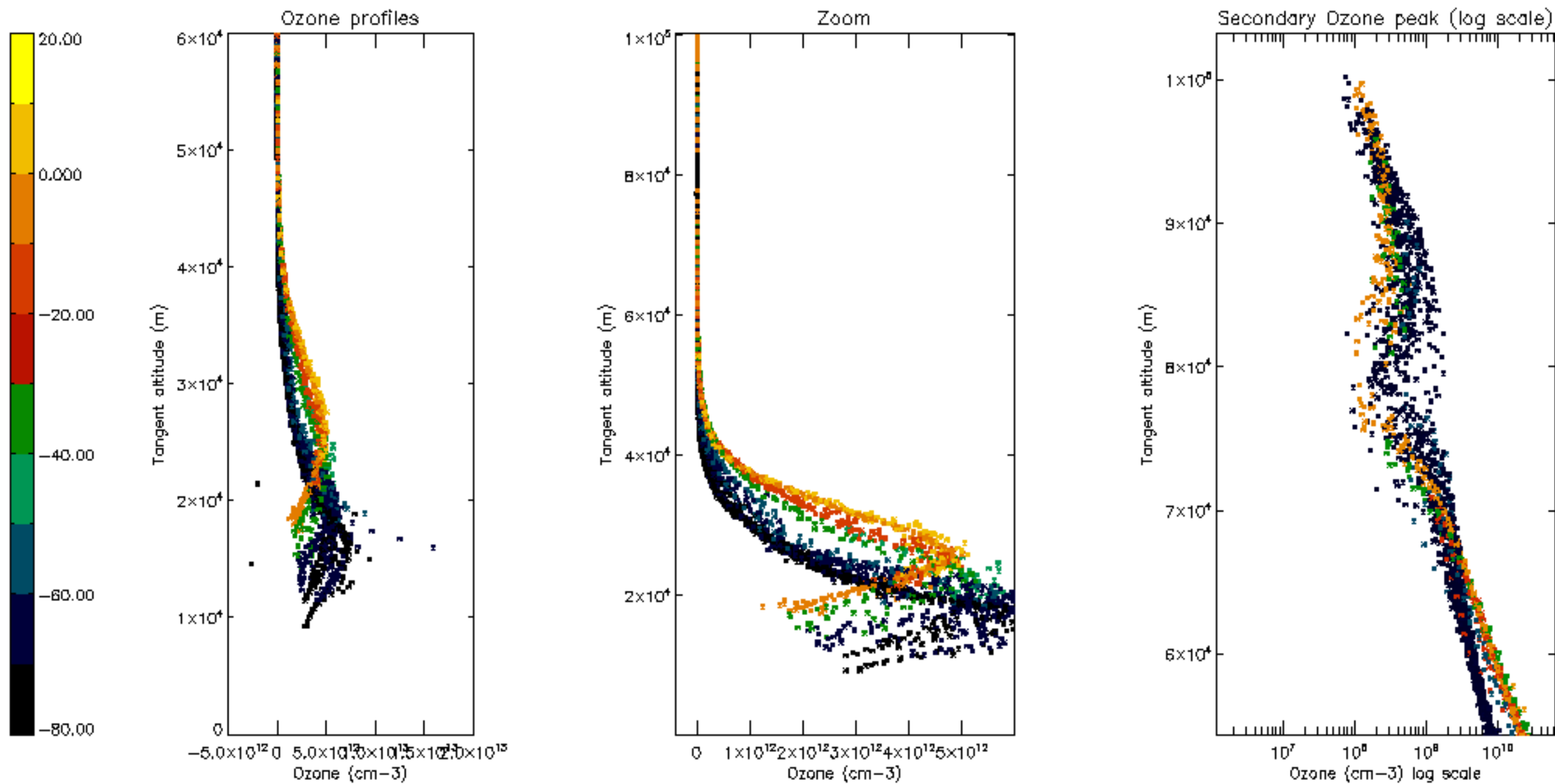


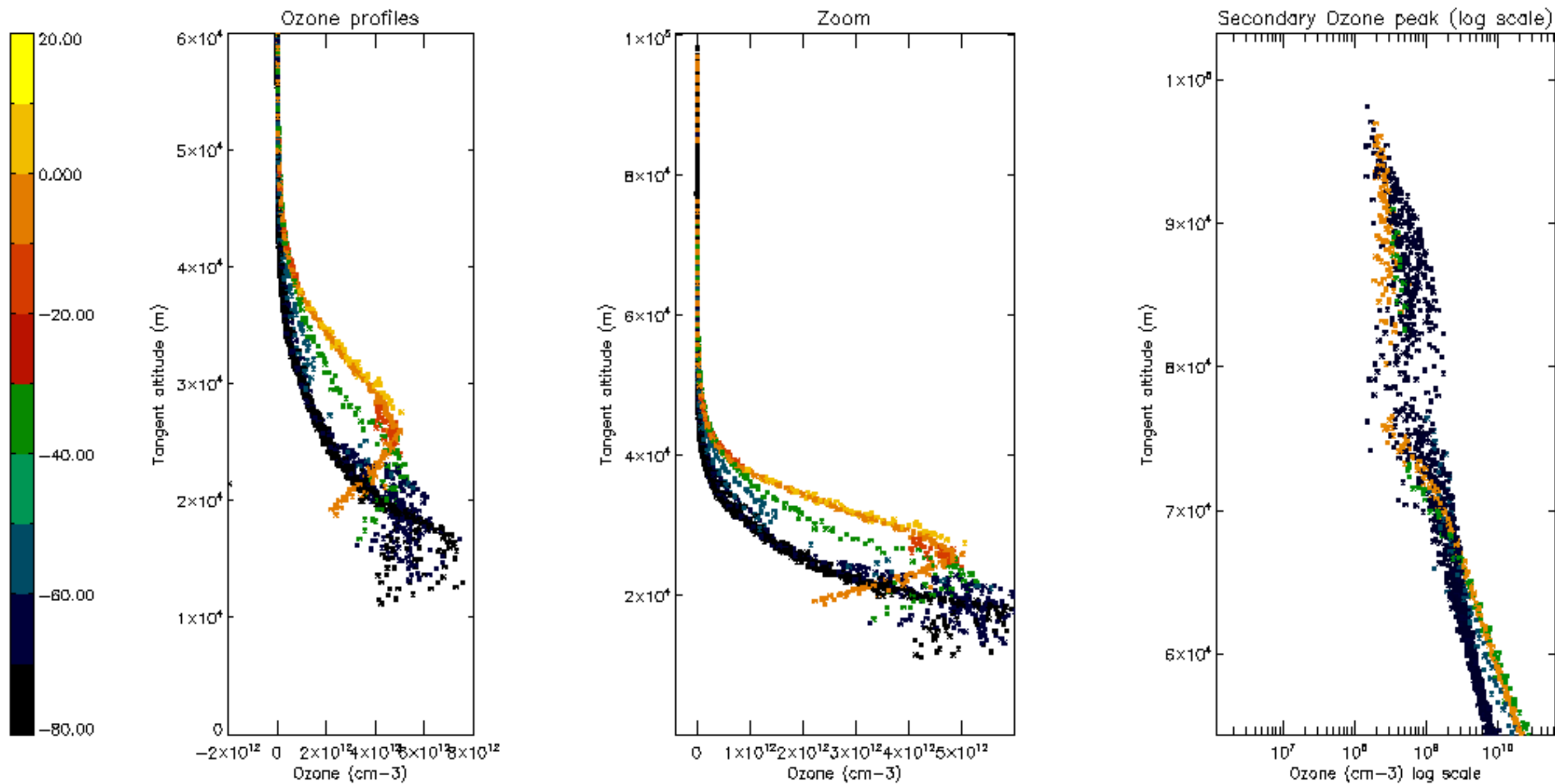
Percentage of saturation errors per profile

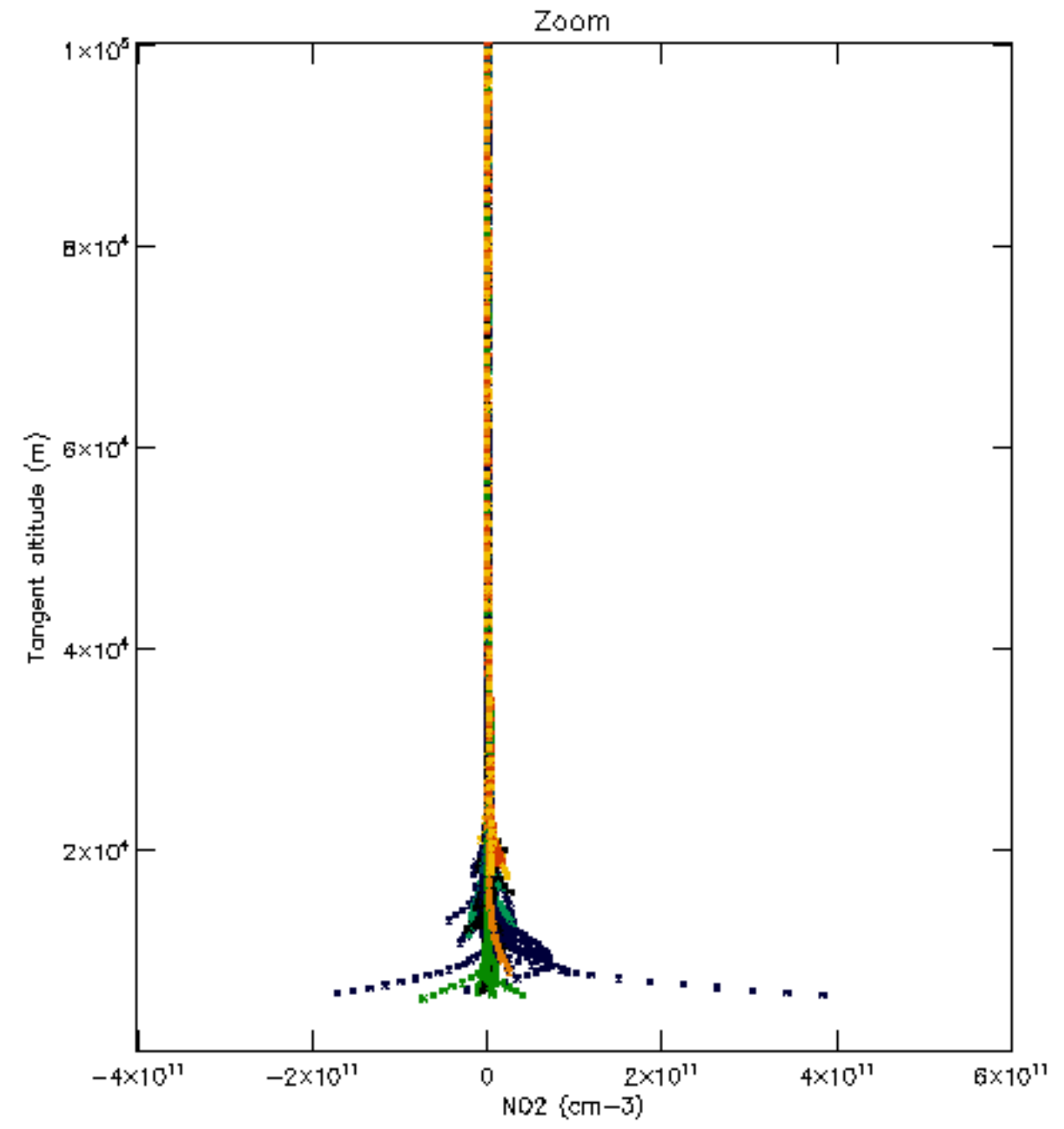
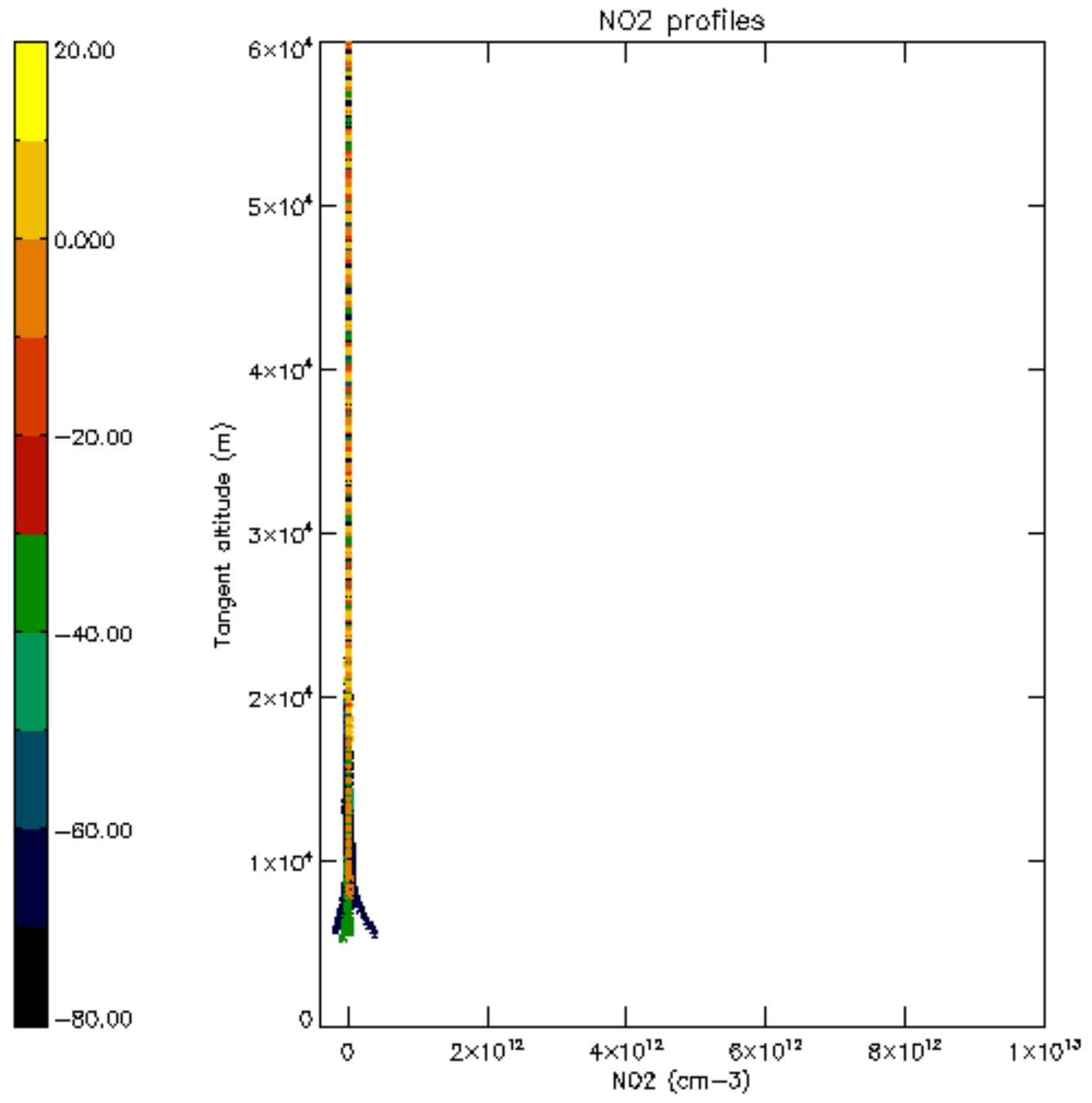


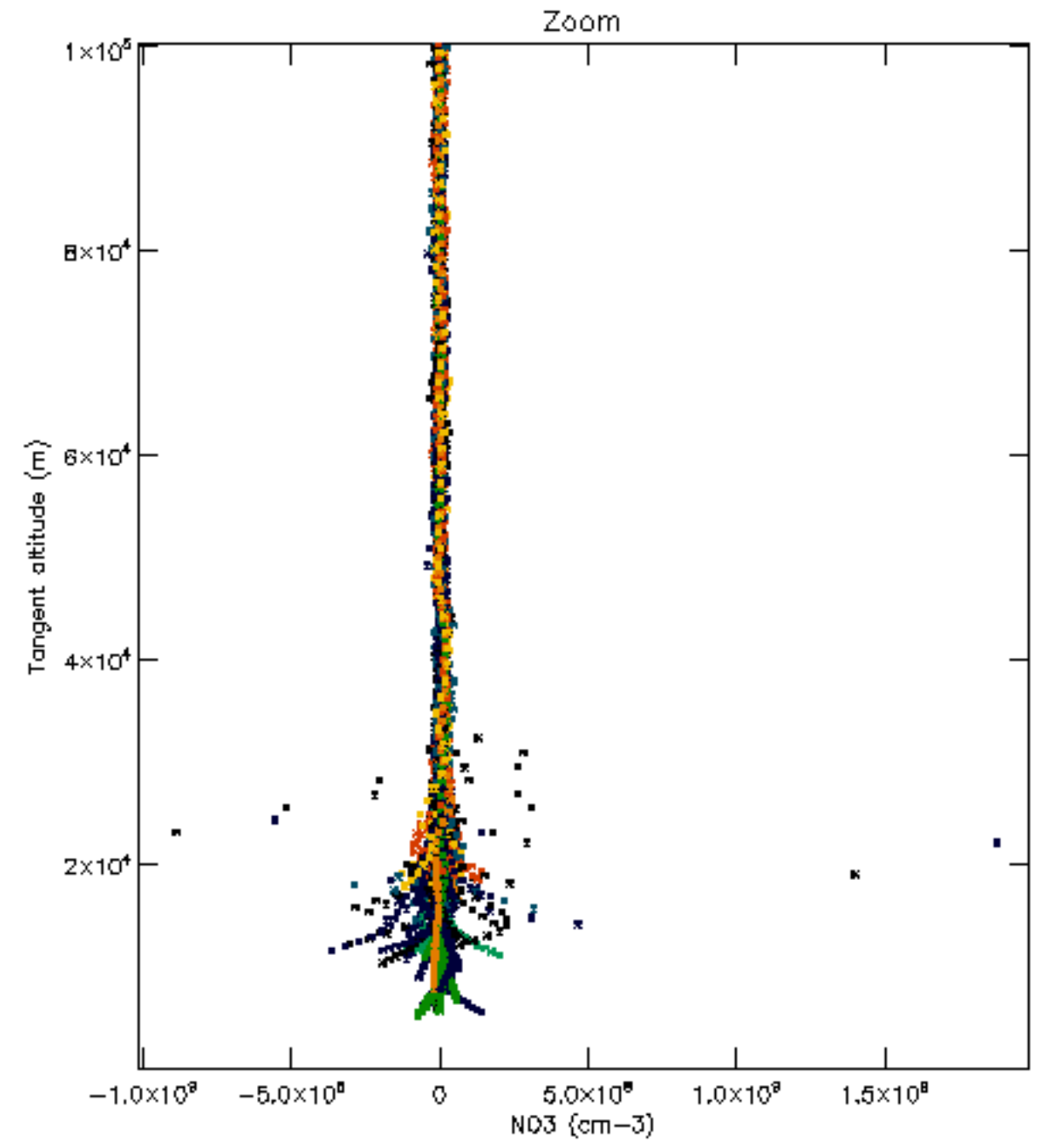
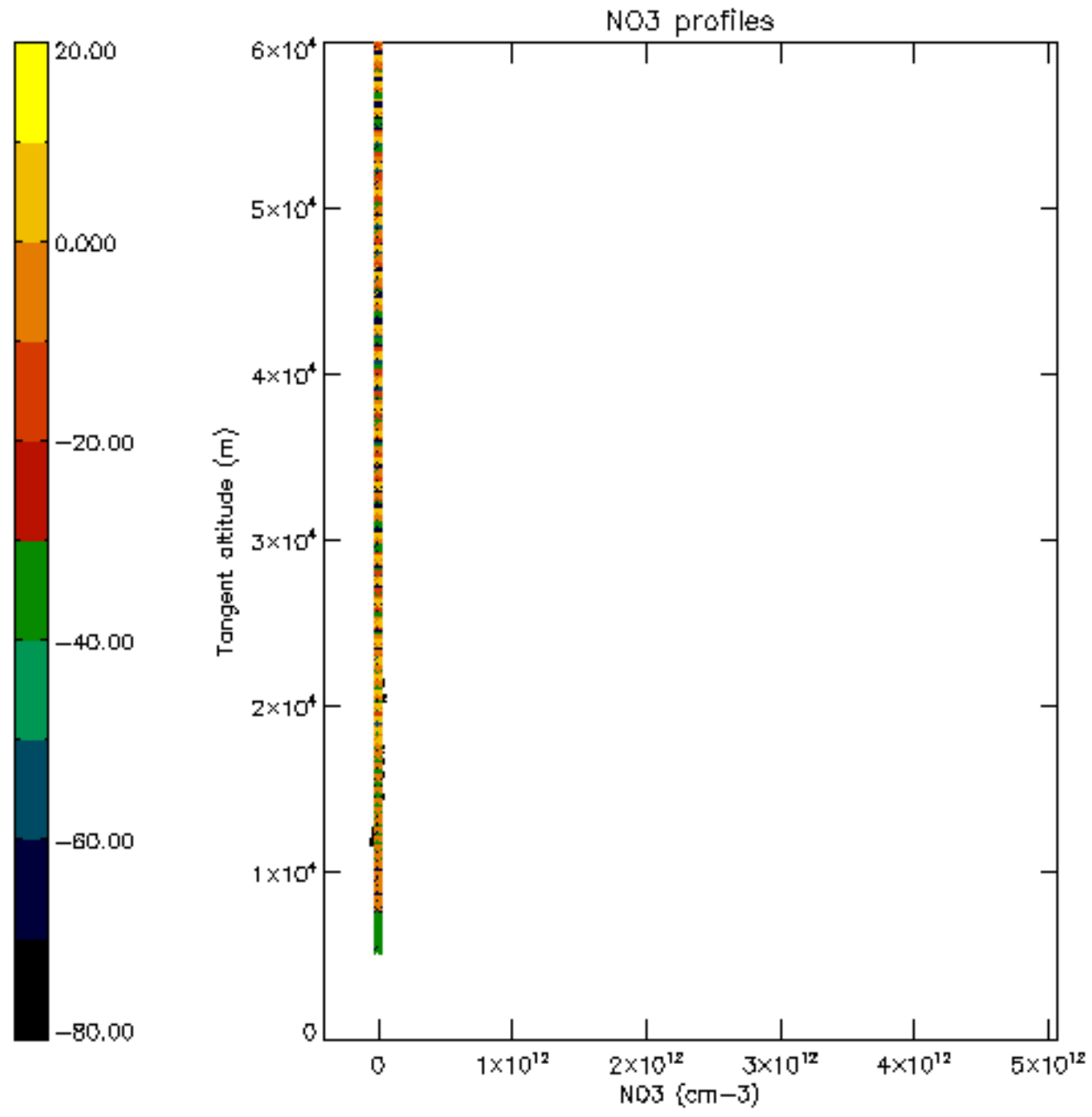


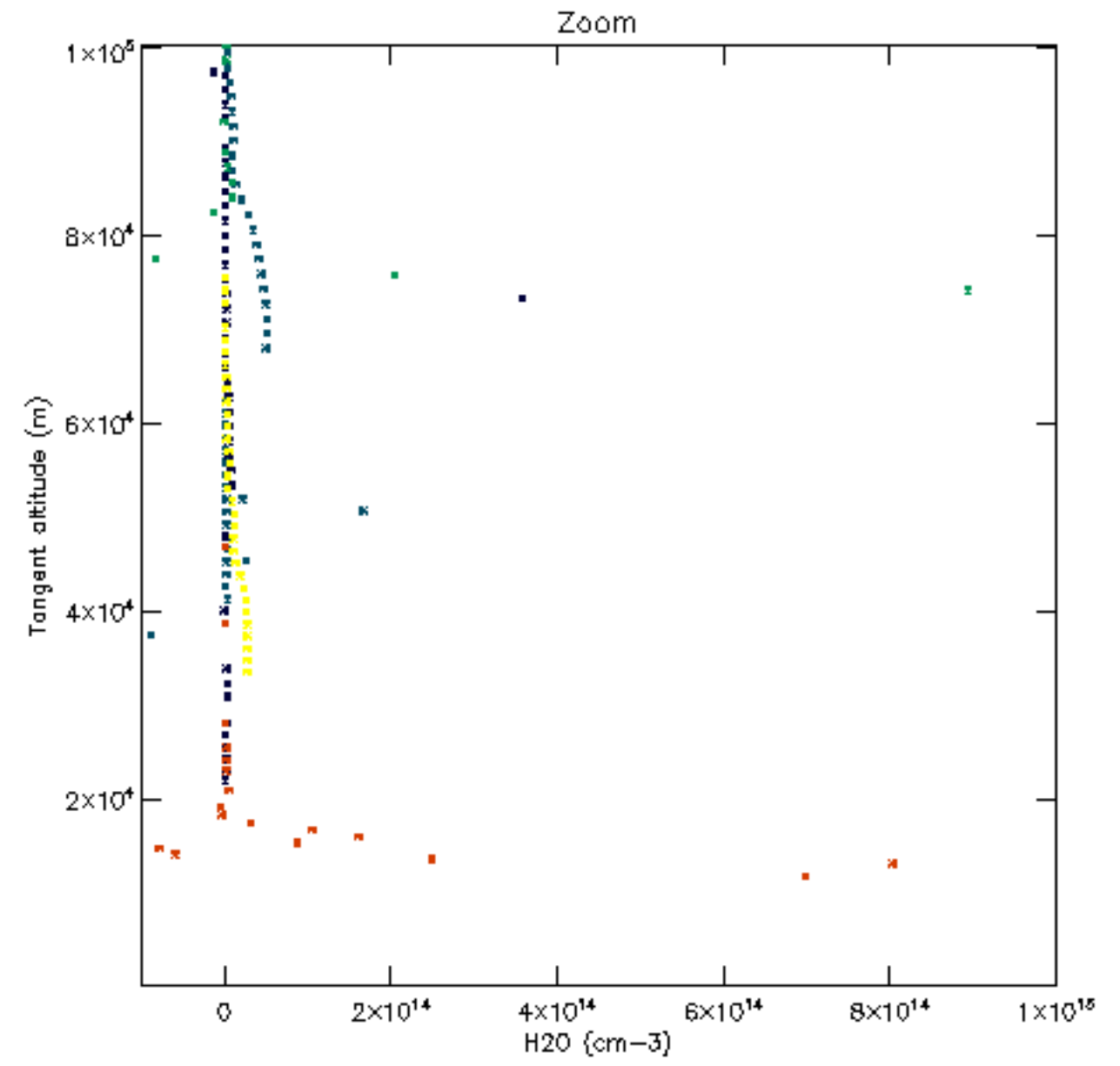
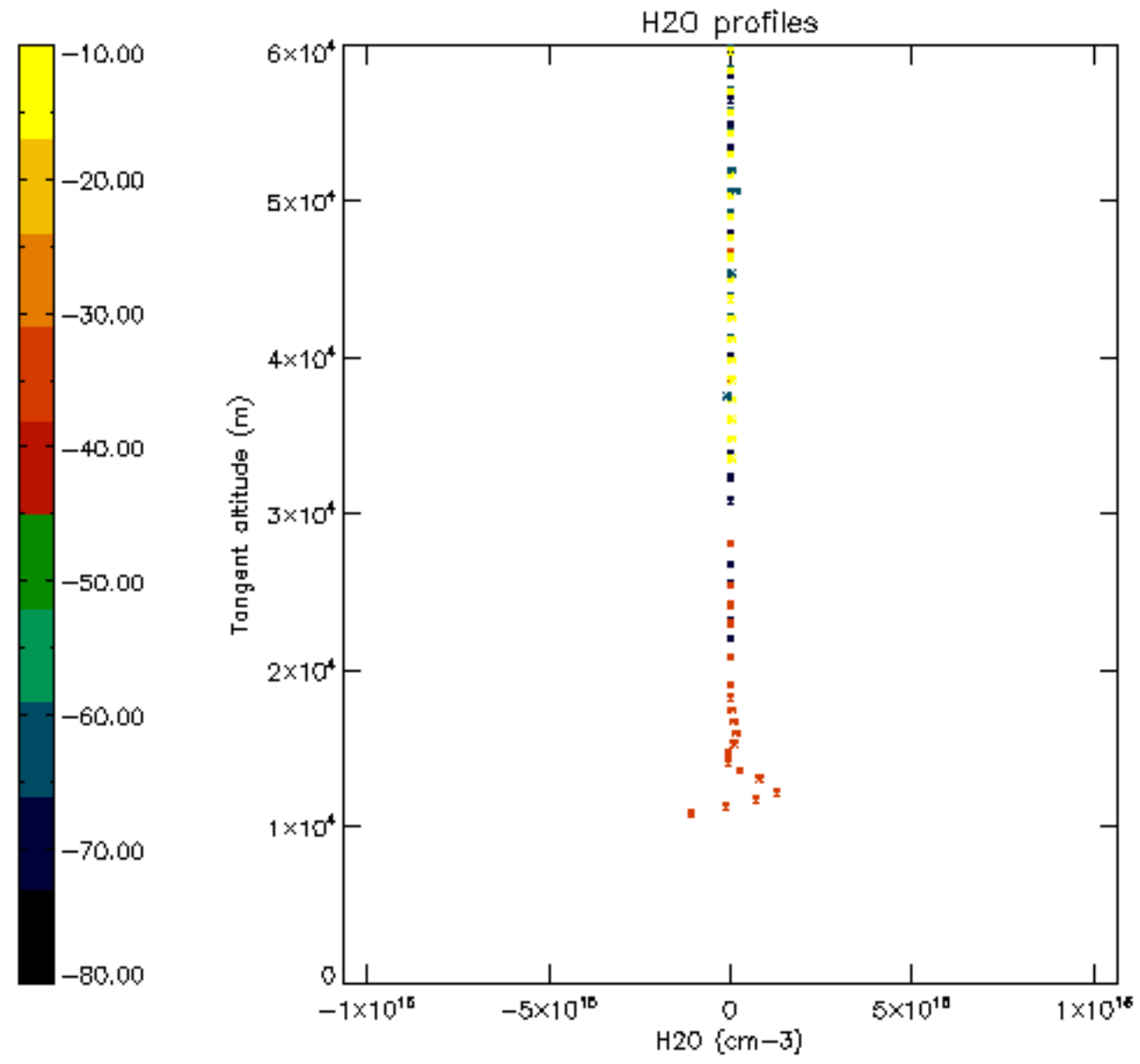


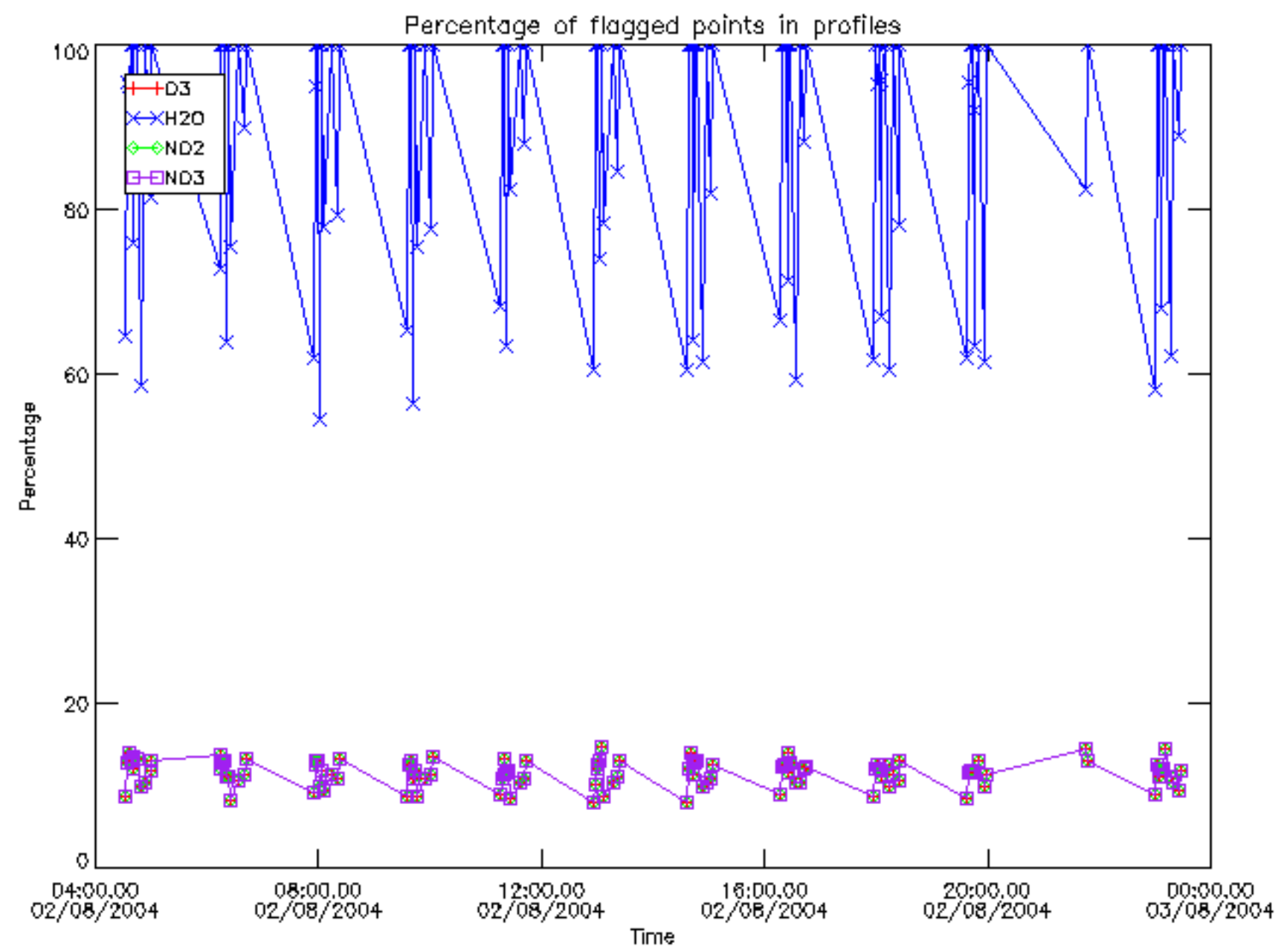




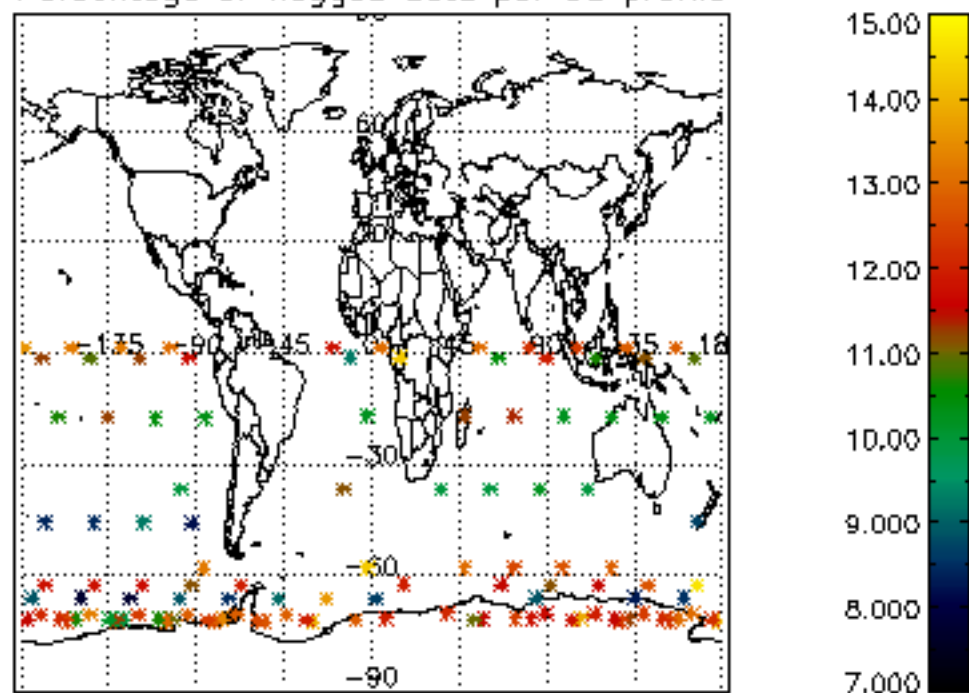




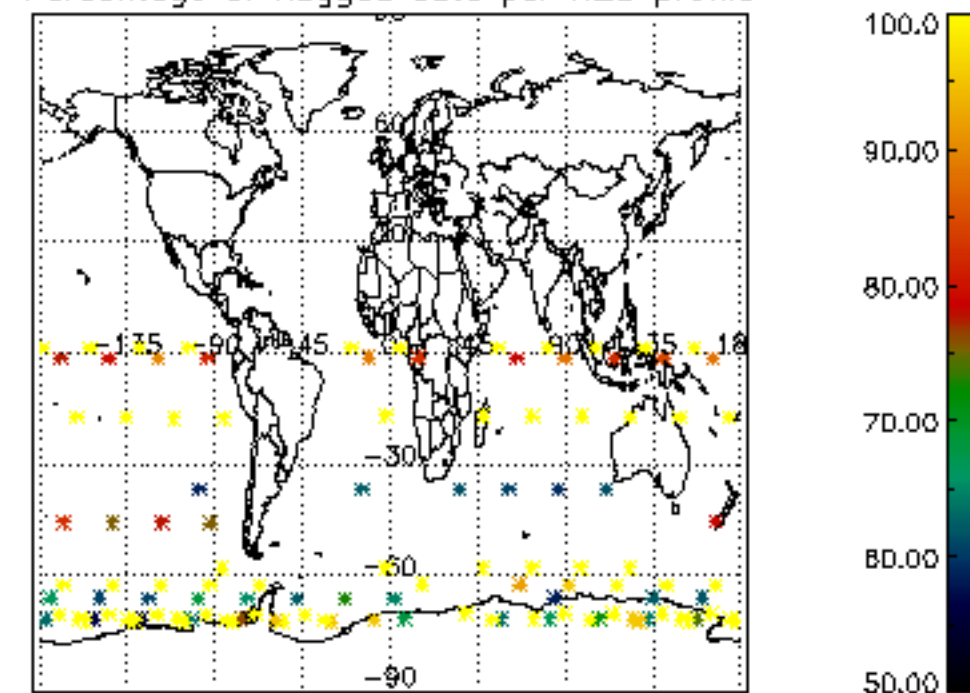




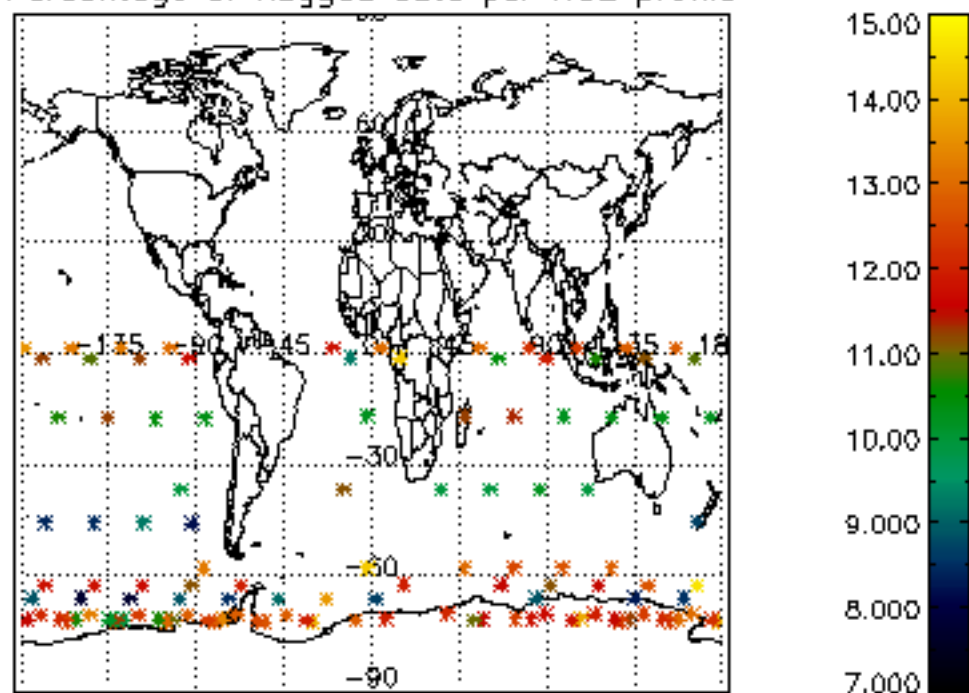
Percentage of flagged data per D3 profile



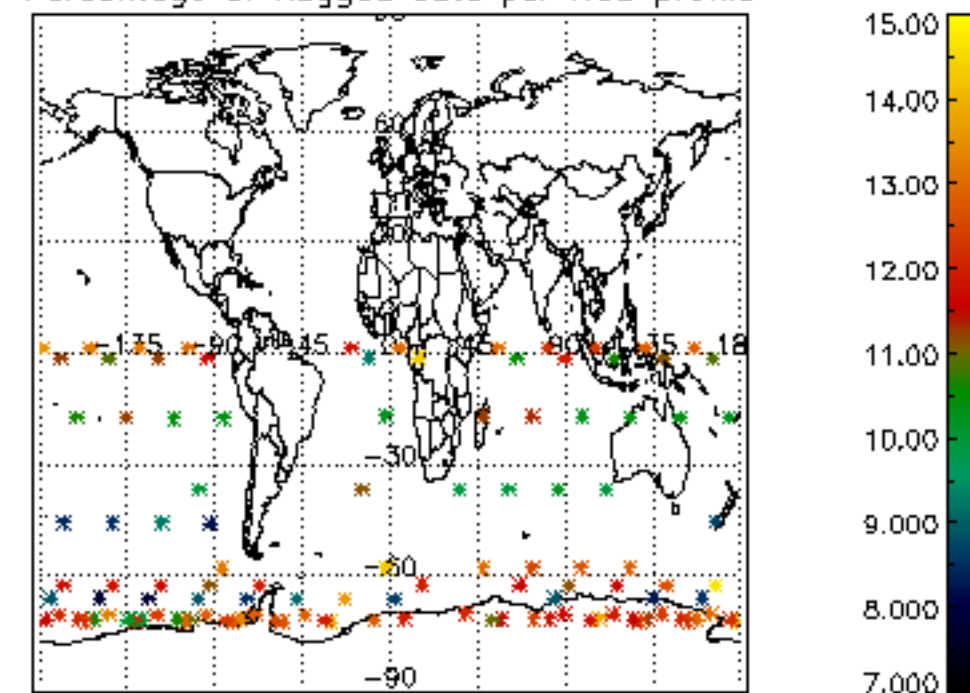
Percentage of flagged data per H2O profile

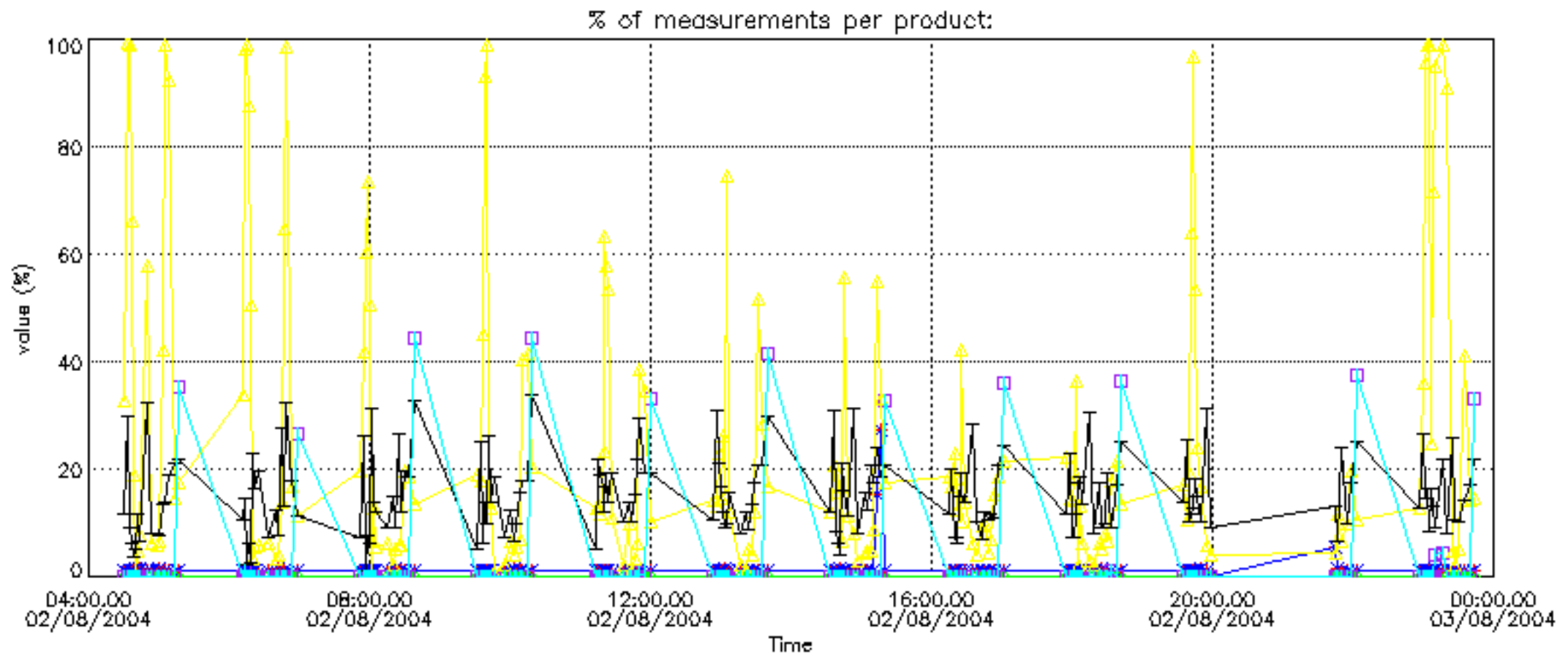


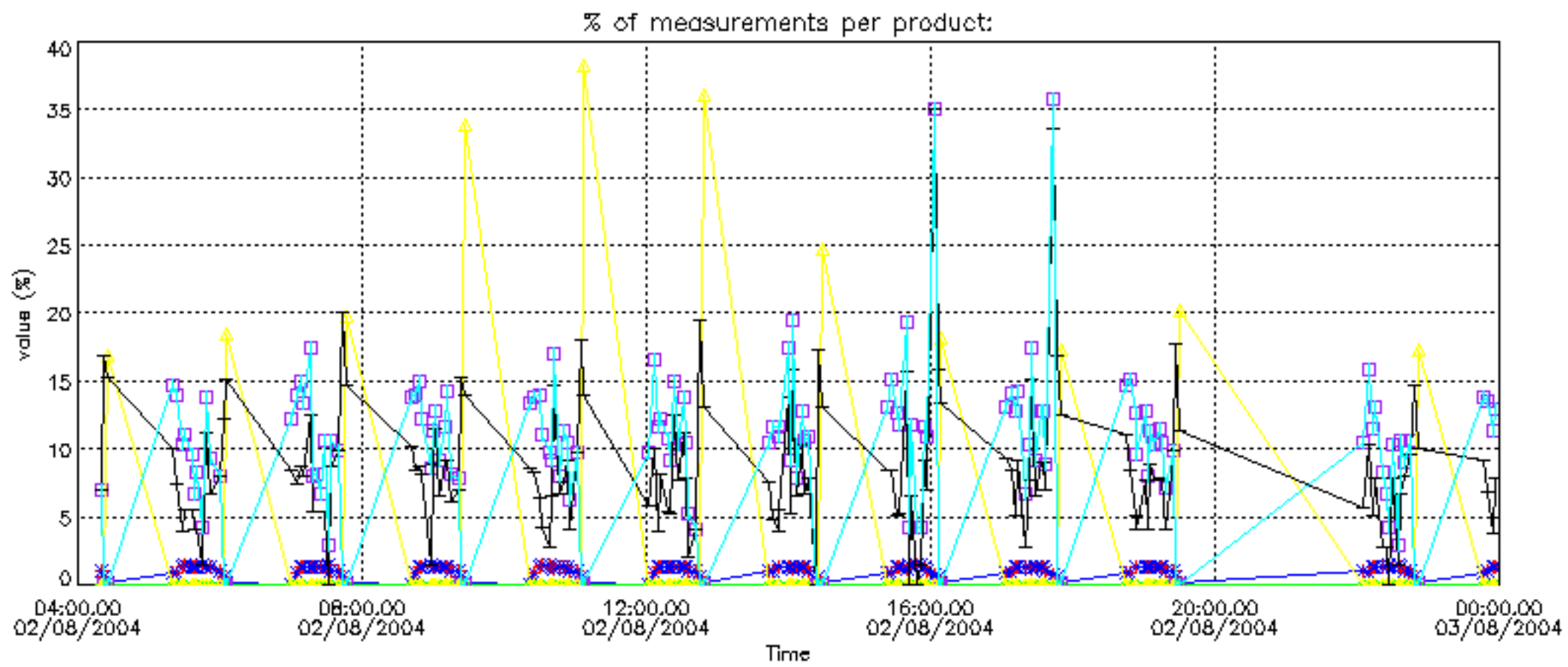
Percentage of flagged data per NO2 profile



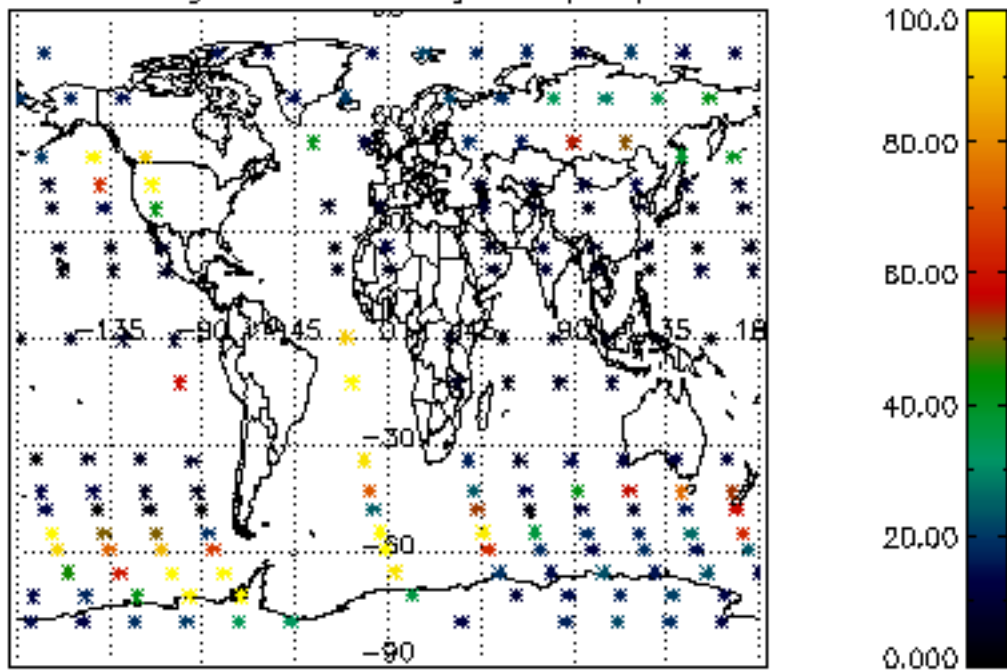
Percentage of flagged data per NO3 profile



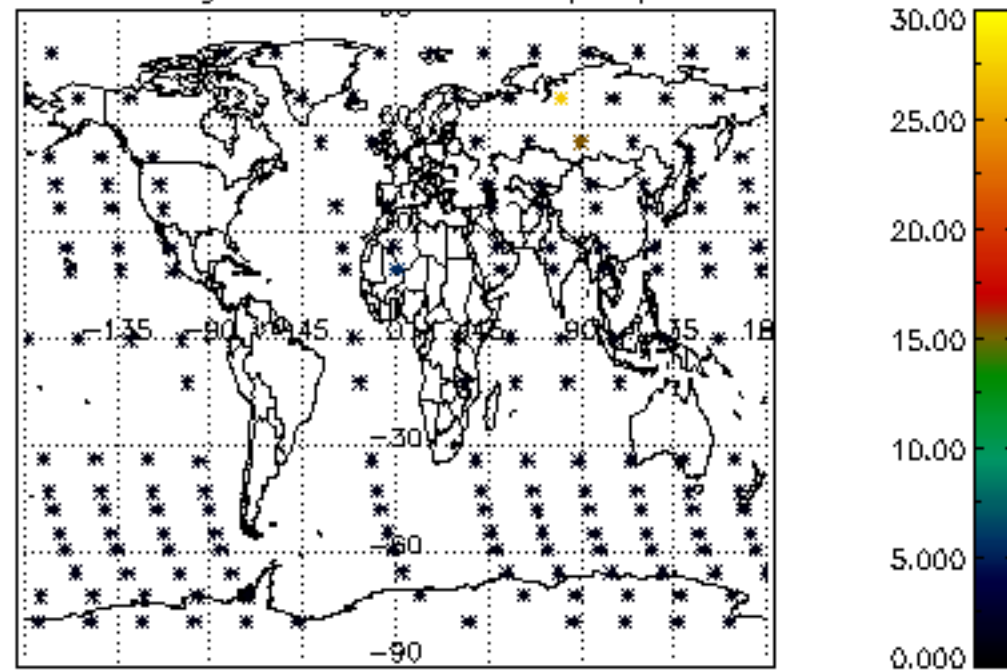




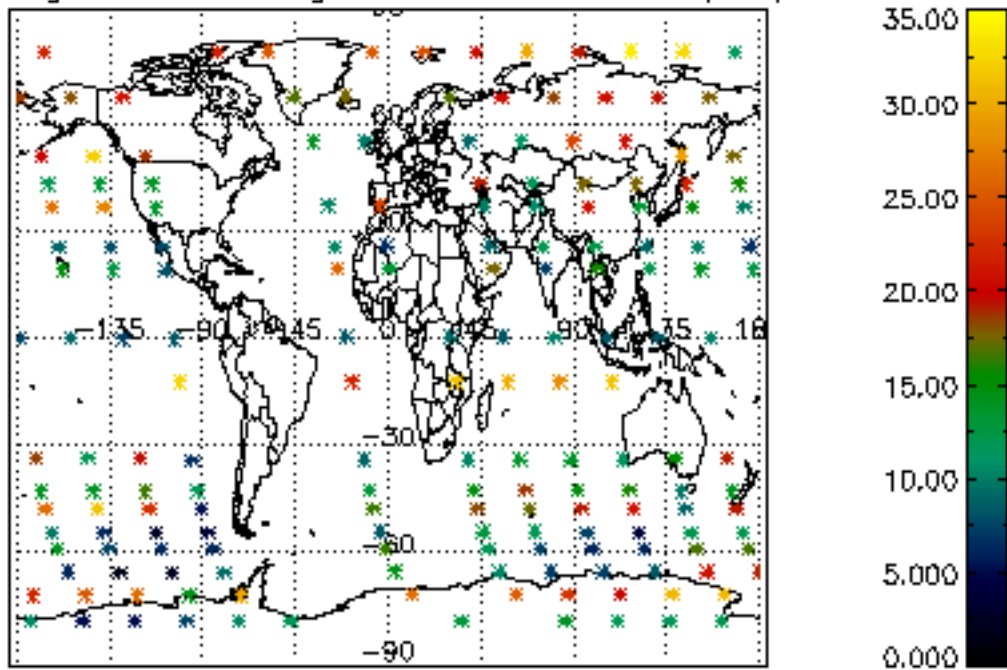
Percentage of cosmic ray hits per profile



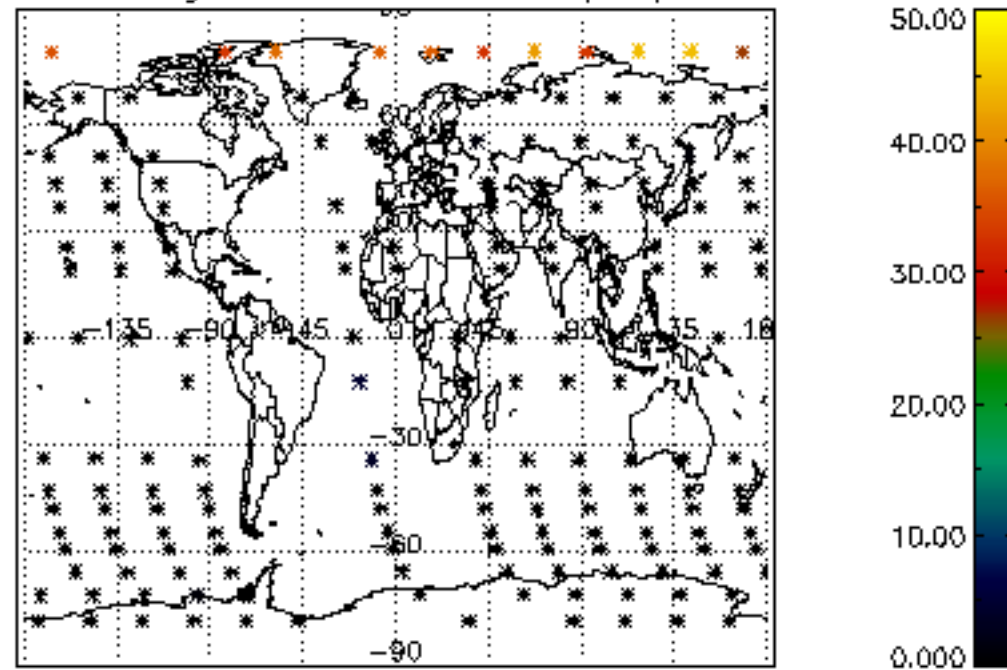
Percentage of datation errors per profile



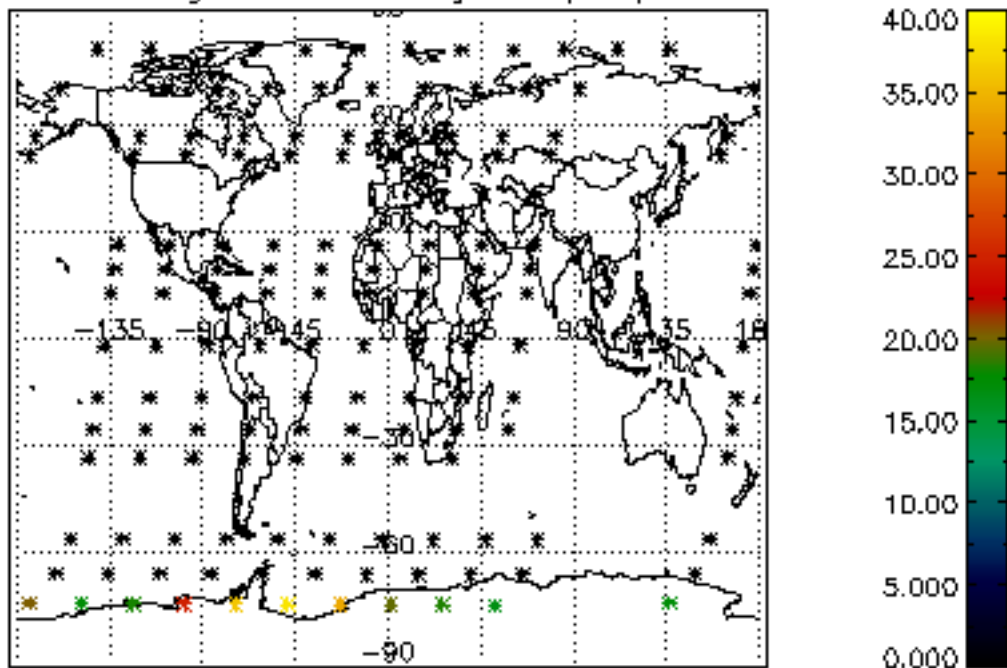
Percentage of star falling outside central band per profile



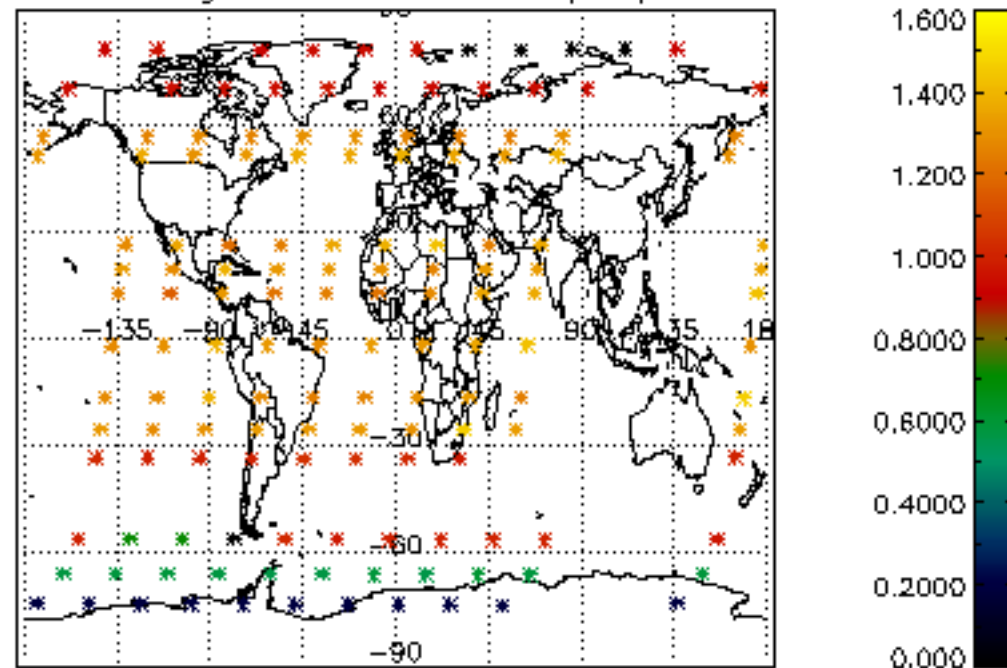
Percentage of saturation errors per profile



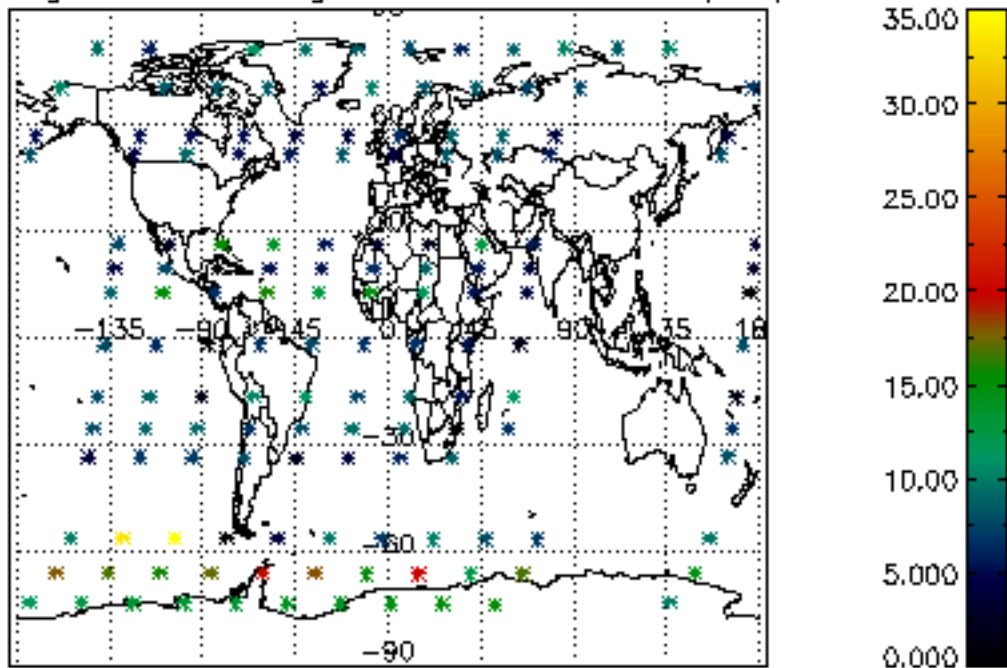
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

