

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	24APR2013 02:26:09
Data source version	GOMOS/6.01
Start time of products	25-07-2006 (25JUL2006 00:00:00)
Stop time of products	26-07-2006 (26JUL2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	228
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20060725_000427_000000362049_00403_23002_0602.N1	25-JUL-2006 00:04:27	Dark	35.500	9	Alp Eri	0.45300	24000.	71	23002	No
2	GOM_NL__2PRFIN20060725_001141_000000332049_00403_23002_0603.N1	25-JUL-2006 00:11:41	Straylight	33.000	148	Alp Tuc	2.8780	4100.0	66	23002	No
3	GOM_NL__2PRFIN20060725_001330_000000532049_00403_23002_0604.N1	25-JUL-2006 00:13:30	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	23002	No
4	GOM_NL__2PRFIN20060725_001452_000000412049_00403_23002_0605.N1	25-JUL-2006 00:14:52	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	23002	No
5	GOM_NL__2PRFIN20060725_002609_000000322049_00403_23002_0606.N1	25-JUL-2006 00:26:09	Bright	31.500	155	41Pi Sgr	2.9000	6600.0	63	23002	No
6	GOM_NL__2PRFIN20060725_003503_000000342049_00403_23002_0607.N1	25-JUL-2006 00:35:03	Bright	33.500	11	53Alp Aql	0.76500	8000.0	67	23002	No
7	GOM_NL__2PRFIN20060725_004318_000000292049_00403_23002_0608.N1	25-JUL-2006 00:43:18	Bright	29.000	5	3Alp Lyr	0.033000	11000.	58	23002	No
8	GOM_NL__2PRFIN20060725_004553_000000322049_00403_23002_0609.N1	25-JUL-2006 00:45:53	Bright	32.000	144	18Del Cyg	2.8600	11000.	64	23002	No
9	GOM_NL__2PRFIN20060725_005752_000000302049_00403_23002_0610.N1	25-JUL-2006 00:57:52	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23002	No
10	GOM_NL__2PRFIN20060725_011027_000000352049_00403_23002_0611.N1	25-JUL-2006 01:10:27	Bright	35.000	6	13Alp Aur	0.080000	3400.0	70	23002	No
11	GOM_NL__2PRFIN20060725_011423_000000362049_00403_23002_0612.N1	25-JUL-2006 01:14:23	Bright	36.000	114	3Iot Aur	2.6930	4600.0	72	23002	No
12	GOM_NL__2PRFIN20060725_011944_000000442049_00403_23002_0613.N1	25-JUL-2006 01:19:44	Dark	43.500	13	87Alp Tau	0.86700	3800.0	87	23002	No
13	GOM_NL__2PRFIN20060725_012149_000000352049_00403_23002_0614.N1	25-JUL-2006 01:21:49	Dark	34.500	27	24Gam Ori	1.6360	26000.	69	23002	No
14	GOM_NL__2PRFIN20060725_012603_000000402049_00403_23002_0615.N1	25-JUL-2006 01:26:03	Dark	39.500	7	19Bet Ori	0.10000	14000.	79	23002	No
15	GOM_NL__2PRFIN20060725_012953_000000452049_00403_23002_0616.N1	25-JUL-2006 01:29:53	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	23002	No
16	GOM_NL__2PRFIN20060725_013911_000000372049_00403_23002_0617.N1	25-JUL-2006 01:39:11	Dark	36.500	157	The1Eri	2.9060	9300.0	73	23002	No
17	GOM_NL__2PRFIN20060725_014504_000000392049_00404_23003_0602.N1	25-JUL-2006 01:45:04	Dark	39.000	9	Alp Eri	0.45300	24000.	78	23003	No
18	GOM_NL__2PRFIN20060725_015218_000000362049_00404_23003_0603.N1	25-JUL-2006 01:52:18	Straylight	36.000	148	Alp Tuc	2.8780	4100.0	72	23003	No
19	GOM_NL__2PRFIN20060725_015407_000000562049_00404_23003_0604.N1	25-JUL-2006 01:54:07	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	23003	No
20	GOM_NL__2PRFIN20060725_015528_000000422049_00404_23003_0605.N1	25-JUL-2006 01:55:28	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	23003	No
21	GOM_NL__2PRFIN20060725_020645_000000322049_00404_23003_0606.N1	25-JUL-2006 02:06:45	Bright	32.000	155	41Pi Sgr	2.9000	6600.0	64	23003	No
22	GOM_NL__2PRFIN20060725_021538_000000372049_00404_23003_0607.N1	25-JUL-2006 02:15:38	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	23003	No
23	GOM_NL__2PRFIN20060725_022354_000000342049_00404_23003_0608.N1	25-JUL-2006 02:23:54	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	23003	No
24	GOM_NL__2PRFIN20060725_022629_000000342049_00404_23003_0609.N1	25-JUL-2006 02:26:29	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	23003	No
25	GOM_NL__2PRFIN20060725_023828_000000302049_00404_23003_0610.N1	25-JUL-2006 02:38:28	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23003	No
26	GOM_NL__2PRFIN20060725_025104_000000332049_00404_23003_0611.N1	25-JUL-2006 02:51:04	Bright	33.000	6	13Alp Aur	0.080000	3400.0	66	23003	No
27	GOM_NL__2PRFIN20060725_025459_000000352049_00404_23003_0612.N1	25-JUL-2006 02:54:59	Bright	34.500	114	3Iot Aur	2.6930	4600.0	69	23003	No
28	GOM_NL__2PRFIN20060725_030020_000000442049_00404_23003_0613.N1	25-JUL-2006 03:00:20	Dark	43.500	13	87Alp Tau	0.86700	3800.0	87	23003	No
29	GOM_NL__2PRFIN20060725_030225_000000352049_00404_23003_0614.N1	25-JUL-2006 03:02:25	Dark	34.500	27	24Gam Ori	1.6360	26000.	69	23003	No
30	GOM_NL__2PRFIN20060725_030639_000000312049_00404_23003_0615.N1	25-JUL-2006 03:06:39	Dark	30.500	7	19Bet Ori	0.10000	14000.	61	23003	No
31	GOM_NL__2PRFIN20060725_031029_000000452049_00404_23003_0616.N1	25-JUL-2006 03:10:29	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	23003	No
32	GOM_NL__2PRFIN20060725_031947_000000372049_00404_23003_0617.N1	25-JUL-2006 03:19:47	Dark	36.500	157	The1Eri	2.9060	9300.0	73	23003	No
33	GOM_NL__2PRFIN20060725_032541_000000392049_00405_23004_0602.N1	25-JUL-2006 03:25:41	Dark	38.500	9	Alp Eri	0.45300	24000.	77	23004	No
34	GOM_NL__2PRFIN20060725_033254_000000392049_00405_23004_0603.N1	25-JUL-2006 03:32:54	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	23004	No
35	GOM_NL__2PRFIN20060725_033444_000000452049_00405_23004_0604.N1	25-JUL-2006 03:34:44	Straylight	44.500	63	Bet Gru	2.1500	2800.0	89	23004	No
36	GOM_NL__2PRFIN20060725_033605_000000412049_00405_23004_0605.N1	25-JUL-2006 03:36:05	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	23004	No
37	GOM_NL__2PRFIN20060725_034721_000000312049_00405_23004_0606.N1	25-JUL-2006 03:47:21	Bright	31.000	155	41Pi Sgr	2.9000	6600.0	62	23004	No
38	GOM_NL__2PRFIN20060725_035614_000000332049_00405_23004_0607.N1	25-JUL-2006 03:56:14	Bright	33.000	11	53Alp Aql	0.76500	8000.0	66	23004	No
39	GOM_NL__2PRFIN20060725_040430_000000302049_00405_23004_0608.N1	25-JUL-2006 04:04:30	Bright	30.000	5	3Alp Lyr	0.033000	11000.	60	23004	No
40	GOM_NL__2PRFIN20060725_040705_000000322049_00405_23004_0609.N1	25-JUL-2006 04:07:05	Bright	31.500	144	18Del Cyg	2.8600	11000.	63	23004	No
41	GOM_NL__2PRFIN20060725_041904_000000302049_00405_23004_0610.N1	25-JUL-2006 04:19:04	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23004	No
42	GOM_NL__2PRFIN20060725_043140_000000342049_00405_23004_0611.N1	25-JUL-2006 04:31:40	Bright	34.000	6	13Alp Aur	0.080000	3400.0	68	23004	No

43	GOM_NL__2PRFIN20060725_043535_000000352049_00405_23004_0612.N1	25-JUL-2006 04:35:35	Bright	35.000	114	3lot Aur	2.6930	4600.0	70	23004	No
44	GOM_NL__2PRFIN20060725_044057_000000462049_00405_23004_0613.N1	25-JUL-2006 04:40:57	Dark	46.000	13	87Alp Tau	0.86700	3800.0	92	23004	No
45	GOM_NL__2PRFIN20060725_044301_000000312049_00405_23004_0614.N1	25-JUL-2006 04:43:01	Dark	31.000	27	24Gam Ori	1.6360	26000.	62	23004	No
46	GOM_NL__2PRFIN20060725_044716_000000292049_00405_23004_0615.N1	25-JUL-2006 04:47:16	Dark	29.000	7	19Bet Ori	0.10000	14000.	58	23004	No
47	GOM_NL__2PRFIN20060725_045106_000000452049_00405_23004_0616.N1	25-JUL-2006 04:51:06	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	23004	No
48	GOM_NL__2PRFIN20060725_050024_000000382049_00405_23004_0617.N1	25-JUL-2006 05:00:24	Dark	37.500	157	The1Eri	2.9060	9300.0	75	23004	No
49	GOM_NL__2PRFIN20060725_050617_000000362049_00406_23005_0622.N1	25-JUL-2006 05:06:17	Dark	35.500	9	Alp Eri	0.45300	24000.	71	23005	No
50	GOM_NL__2PRFIN20060725_051330_000000352049_00406_23005_0623.N1	25-JUL-2006 05:13:30	Straylight	35.000	148	Alp Tuc	2.8780	4100.0	70	23005	No
51	GOM_NL__2PRFIN20060725_051520_000000462049_00406_23005_0624.N1	25-JUL-2006 05:15:20	Straylight	45.500	63	Bet Gru	2.1500	2800.0	91	23005	No
52	GOM_NL__2PRFIN20060725_051641_000000472049_00406_23005_0625.N1	25-JUL-2006 05:16:41	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	23005	No
53	GOM_NL__2PRFIN20060725_052758_000000322049_00406_23005_0626.N1	25-JUL-2006 05:27:58	Bright	31.500	155	41Pi Sgr	2.9000	6600.0	63	23005	No
54	GOM_NL__2PRFIN20060725_053650_000000322049_00406_23005_0627.N1	25-JUL-2006 05:36:50	Bright	32.000	11	53Alp Aql	0.76500	8000.0	64	23005	No
55	GOM_NL__2PRFIN20060725_054506_000000332049_00406_23005_0628.N1	25-JUL-2006 05:45:06	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	23005	No
56	GOM_NL__2PRFIN20060725_054741_000000332049_00406_23005_0629.N1	25-JUL-2006 05:47:41	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	23005	No
57	GOM_NL__2PRFIN20060725_055940_000000292049_00406_23005_0630.N1	25-JUL-2006 05:59:40	Bright	29.000	49	1Alp UMi	1.9900	6300.0	58	23005	No
58	GOM_NL__2PRFIN20060725_061216_000000332049_00406_23005_0631.N1	25-JUL-2006 06:12:16	Bright	33.000	6	13Alp Aur	0.080000	3400.0	66	23005	No
59	GOM_NL__2PRFIN20060725_061611_000000342049_00406_23005_0632.N1	25-JUL-2006 06:16:11	Bright	33.500	114	3lot Aur	2.6930	4600.0	67	23005	No
60	GOM_NL__2PRFIN20060725_062133_000000372049_00406_23005_0633.N1	25-JUL-2006 06:21:33	Dark	36.500	13	87Alp Tau	0.86700	3800.0	73	23005	No
61	GOM_NL__2PRFIN20060725_062337_000000302049_00406_23005_0634.N1	25-JUL-2006 06:23:37	Dark	30.000	27	24Gam Ori	1.6360	26000.	60	23005	No
62	GOM_NL__2PRFIN20060725_062752_000000312049_00406_23005_0635.N1	25-JUL-2006 06:27:52	Dark	31.000	7	19Bet Ori	0.10000	14000.	62	23005	No
63	GOM_NL__2PRFIN20060725_063143_000000442049_00406_23005_0636.N1	25-JUL-2006 06:31:43	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	23005	No
64	GOM_NL__2PRFIN20060725_064101_000000402049_00406_23005_0637.N1	25-JUL-2006 06:41:01	Dark	40.000	157	The1Eri	2.9060	9300.0	80	23005	No
65	GOM_NL__2PRFIN20060725_064654_000000372049_00407_23006_0622.N1	25-JUL-2006 06:46:54	Dark	36.500	9	Alp Eri	0.45300	24000.	73	23006	No
66	GOM_NL__2PRFIN20060725_065407_000000362049_00407_23006_0623.N1	25-JUL-2006 06:54:07	Straylight	36.000	148	Alp Tuc	2.8780	4100.0	72	23006	No
67	GOM_NL__2PRFIN20060725_065557_000000562049_00407_23006_0624.N1	25-JUL-2006 06:55:57	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	23006	No
68	GOM_NL__2PRFIN20060725_065718_000000392049_00407_23006_0625.N1	25-JUL-2006 06:57:18	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	23006	No
69	GOM_NL__2PRFIN20060725_070834_000000322049_00407_23006_0626.N1	25-JUL-2006 07:08:34	Bright	32.000	155	41Pi Sgr	2.9000	6600.0	64	23006	No
70	GOM_NL__2PRFIN20060725_071726_000000342049_00407_23006_0627.N1	25-JUL-2006 07:17:26	Bright	34.000	11	53Alp Aql	0.76500	8000.0	68	23006	No
71	GOM_NL__2PRFIN20060725_072542_000000322049_00407_23006_0628.N1	25-JUL-2006 07:25:42	Bright	32.000	5	3Alp Lyr	0.033000	11000.	64	23006	No
72	GOM_NL__2PRFIN20060725_072816_000000332049_00407_23006_0629.N1	25-JUL-2006 07:28:16	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	23006	No
73	GOM_NL__2PRFIN20060725_074016_000000282049_00407_23006_0630.N1	25-JUL-2006 07:40:16	Bright	27.500	49	1Alp UMi	1.9900	6300.0	55	23006	No
74	GOM_NL__2PRFIN20060725_075252_000000332049_00407_23006_0631.N1	25-JUL-2006 07:52:52	Bright	33.000	6	13Alp Aur	0.080000	3400.0	66	23006	No
75	GOM_NL__2PRFIN20060725_075647_000000352049_00407_23006_0632.N1	25-JUL-2006 07:56:47	Bright	34.500	114	3lot Aur	2.6930	4600.0	69	23006	No
76	GOM_NL__2PRFIN20060725_080209_000000332049_00407_23006_0633.N1	25-JUL-2006 08:02:09	Dark	32.500	13	87Alp Tau	0.86700	3800.0	65	23006	No
77	GOM_NL__2PRFIN20060725_080413_000000292049_00407_23006_0634.N1	25-JUL-2006 08:04:13	Dark	29.000	27	24Gam Ori	1.6360	26000.	58	23006	No
78	GOM_NL__2PRFIN20060725_080828_000000402049_00407_23006_0635.N1	25-JUL-2006 08:08:28	Dark	39.500	7	19Bet Ori	0.10000	14000.	79	23006	No
79	GOM_NL__2PRFIN20060725_081220_000000422049_00407_23006_0636.N1	25-JUL-2006 08:12:20	Dark	42.000	165	34Gam Eri	2.9500	3200.0	84	23006	No
80	GOM_NL__2PRFIN20060725_082138_000000392049_00407_23006_0637.N1	25-JUL-2006 08:21:38	Dark	39.000	157	The1Eri	2.9060	9300.0	78	23006	No
81	GOM_NL__2PRFIN20060725_082731_000000472049_00408_23007_0697.N1	25-JUL-2006 08:27:31	Dark	47.000	9	Alp Eri	0.45300	24000.	94	23007	No
82	GOM_NL__2PRFIN20060725_083443_000000332049_00408_23007_0698.N1	25-JUL-2006 08:34:43	Straylight	33.000	148	Alp Tuc	2.8780	4100.0	66	23007	No
83	GOM_NL__2PRFIN20060725_083634_000000472049_00408_23007_0699.N1	25-JUL-2006 08:36:34	Straylight	47.000	63	Bet Gru	2.1500	2800.0	94	23007	No
84	GOM_NL__2PRFIN20060725_083755_000000452049_00408_23007_0700.N1	25-JUL-2006 08:37:55	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	23007	No
85	GOM_NL__2PRFIN20060725_084910_000000322049_00408_23007_0701.N1	25-JUL-2006 08:49:10	Bright	31.500	155	41Pi Sgr	2.9000	6600.0	63	23007	No
86	GOM_NL__2PRFIN20060725_085801_000000372049_00408_23007_0702.N1	25-JUL-2006 08:58:01	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	23007	No
87	GOM_NL__2PRFIN20060725_090618_000000332049_00408_23007_0703.N1	25-JUL-2006 09:06:18	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	23007	No
88	GOM_NL__2PRFIN20060725_090852_000000342049_00408_23007_0704.N1	25-JUL-2006 09:08:52	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	23007	No
89	GOM_NL__2PRFIN20060725_092052_000000302049_00408_23007_0705.N1	25-JUL-2006 09:20:52	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23007	No
90	GOM_NL__2PRFIN20060725_093328_000000342049_00408_23007_0706.N1	25-JUL-2006 09:33:28	Bright	34.000	6	13Alp Aur	0.080000	3400.0	68	23007	No
91	GOM_NL__2PRFIN20060725_093724_000000332049_00408_23007_0707.N1	25-JUL-2006 09:37:24	Bright	33.000	114	3lot Aur	2.6930	4600.0	66	23007	No
92	GOM_NL__2PRFIN20060725_094246_000000432049_00408_23007_0708.N1	25-JUL-2006 09:42:46	Dark	42.500	13	87Alp Tau	0.86700	3800.0	85	23007	No
93	GOM_NL__2PRFIN20060725_094450_000000292049_00408_23007_0709.N1	25-JUL-2006 09:44:50	Dark	29.000	27	24Gam Ori	1.6360	26000.	58	23007	No
94	GOM_NL__2PRFIN20060725_094905_000000362049_00408_23007_0710.N1	25-JUL-2006 09:49:05	Dark	36.000	7	19Bet Ori	0.10000	14000.	72	23007	No
95	GOM_NL__2PRFIN20060725_095256_000000452049_00408_23007_0711.N1	25-JUL-2006 09:52:56	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	23007	No
96	GOM_NL__2PRFIN20060725_100214_000000362049_00408_23007_0712.N1	25-JUL-2006 10:02:14	Dark	35.500	157	The1Eri	2.9060	9300.0	71	23007	No
97	GOM_NL__2PRFIN20060725_100807_000000392049_00409_23008_0622.N1	25-JUL-2006 10:08:07	Dark	38.500	9	Alp Eri	0.45300	24000.	77	23008	No
98	GOM_NL__2PRFIN20060725_101520_000000362049_00409_23008_0623.N1	25-JUL-2006 10:15:20	Straylight	35.500	148	Alp Tuc	2.8780	4100.0	71	23008	No
99	GOM_NL__2PRFIN20060725_101710_000000482049_00409_23008_0624.N1	25-JUL-2006 10:17:10	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	23008	No
100	GOM_NL__2PRFIN20060725_101831_000000422049_00409_23008_0625.N1	25-JUL-2006 10:18:31	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	23008	No
101	GOM_NL__2PRFIN20060725_102946_000000322049_00409_23008_0626.N1	25-JUL-2006 10:29:46	Bright	32.000	155	41Pi Sgr	2.9000	6600.0	64	23008	No

102	GOM_NL__2PRFIN20060725_103837_000000342049_00409_23008_0627.N1	25-JUL-2006 10:38:37	Bright	33.500	11	53Alp Aql	0.76500	8000.0	67	23008	No
103	GOM_NL__2PRFIN20060725_104654_000000342049_00409_23008_0628.N1	25-JUL-2006 10:46:54	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	23008	No
104	GOM_NL__2PRFIN20060725_104927_000000332049_00409_23008_0629.N1	25-JUL-2006 10:49:27	Bright	32.500	144	18Del Cyg	2.8600	11000.	65	23008	No
105	GOM_NL__2PRFIN20060725_110128_000000302049_00409_23008_0630.N1	25-JUL-2006 11:01:28	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23008	No
106	GOM_NL__2PRFIN20060725_111403_000000362049_00409_23008_0631.N1	25-JUL-2006 11:14:03	Bright	35.500	6	13Alp Aur	0.080000	3400.0	71	23008	No
107	GOM_NL__2PRFIN20060725_111800_000000492049_00409_23008_0632.N1	25-JUL-2006 11:18:00	Bright	49.000	114	3Iot Aur	2.6930	4600.0	98	23008	No
108	GOM_NL__2PRFIN20060725_112322_000000472049_00409_23008_0633.N1	25-JUL-2006 11:23:22	Dark	47.000	13	87Alp Tau	0.86700	3800.0	94	23008	No
109	GOM_NL__2PRFIN20060725_112526_000000362049_00409_23008_0634.N1	25-JUL-2006 11:25:26	Dark	36.000	27	24Gam Ori	1.6360	26000.	72	23008	No
110	GOM_NL__2PRFIN20060725_112941_000000382049_00409_23008_0635.N1	25-JUL-2006 11:29:41	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	23008	No
111	GOM_NL__2PRFIN20060725_113333_000000492049_00409_23008_0636.N1	25-JUL-2006 11:33:33	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	23008	No
112	GOM_NL__2PRFIN20060725_114251_000000372049_00409_23008_0637.N1	25-JUL-2006 11:42:51	Dark	36.500	157	The1Eri	2.9060	9300.0	73	23008	No
113	GOM_NL__2PRFIN20060725_114843_000000362049_00410_23009_0622.N1	25-JUL-2006 11:48:43	Dark	36.000	9	Alp Eri	0.45300	24000.	72	23009	No
114	GOM_NL__2PRFIN20060725_115556_000000442049_00410_23009_0623.N1	25-JUL-2006 11:55:56	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	23009	No
115	GOM_NL__2PRFIN20060725_115747_000000442049_00410_23009_0624.N1	25-JUL-2006 11:57:47	Straylight	44.000	63	Bet Gru	2.1500	2800.0	88	23009	No
116	GOM_NL__2PRFIN20060725_115907_000000402049_00410_23009_0625.N1	25-JUL-2006 11:59:07	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	23009	No
117	GOM_NL__2PRFIN20060725_121022_000000312049_00410_23009_0626.N1	25-JUL-2006 12:10:22	Bright	30.500	155	41Pi Sgr	2.9000	6600.0	61	23009	No
118	GOM_NL__2PRFIN20060725_121913_000000322049_00410_23009_0627.N1	25-JUL-2006 12:19:13	Bright	32.000	11	53Alp Aql	0.76500	8000.0	64	23009	No
119	GOM_NL__2PRFIN20060725_122730_000000302049_00410_23009_0628.N1	25-JUL-2006 12:27:30	Bright	30.000	5	3Alp Lyr	0.033000	11000.	60	23009	No
120	GOM_NL__2PRFIN20060725_123003_000000322049_00410_23009_0629.N1	25-JUL-2006 12:30:03	Bright	32.000	144	18Del Cyg	2.8600	11000.	64	23009	No
121	GOM_NL__2PRFIN20060725_124204_000000292049_00410_23009_0630.N1	25-JUL-2006 12:42:04	Bright	29.000	49	1Alp UMi	1.9900	6300.0	58	23009	No
122	GOM_NL__2PRFIN20060725_125439_000000332049_00410_23009_0631.N1	25-JUL-2006 12:54:39	Bright	32.500	6	13Alp Aur	0.080000	3400.0	65	23009	No
123	GOM_NL__2PRFIN20060725_125836_000000352049_00410_23009_0632.N1	25-JUL-2006 12:58:36	Bright	34.500	114	3Iot Aur	2.6930	4600.0	69	23009	No
124	GOM_NL__2PRFIN20060725_130358_000000492049_00410_23009_0633.N1	25-JUL-2006 13:03:58	Dark	49.000	13	87Alp Tau	0.86700	3800.0	98	23009	No
125	GOM_NL__2PRFIN20060725_130602_000000352049_00410_23009_0634.N1	25-JUL-2006 13:06:02	Dark	35.000	27	24Gam Ori	1.6360	26000.	70	23009	No
126	GOM_NL__2PRFIN20060725_131017_000000372049_00410_23009_0635.N1	25-JUL-2006 13:10:17	Dark	36.500	7	19Bet Ori	0.10000	14000.	73	23009	No
127	GOM_NL__2PRFIN20060725_131409_000000432049_00410_23009_0636.N1	25-JUL-2006 13:14:09	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	23009	No
128	GOM_NL__2PRFIN20060725_132328_000000362049_00410_23009_0637.N1	25-JUL-2006 13:23:28	Dark	36.000	157	The1Eri	2.9060	9300.0	72	23009	No
129	GOM_NL__2PRFIN20060725_132920_000000402049_00411_23010_0622.N1	25-JUL-2006 13:29:20	Dark	40.000	9	Alp Eri	0.45300	24000.	80	23010	No
130	GOM_NL__2PRFIN20060725_133632_000000342049_00411_23010_0623.N1	25-JUL-2006 13:36:32	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	23010	No
131	GOM_NL__2PRFIN20060725_133823_000000452049_00411_23010_0624.N1	25-JUL-2006 13:38:23	Straylight	44.500	63	Bet Gru	2.1500	2800.0	89	23010	No
132	GOM_NL__2PRFIN20060725_133944_000000402049_00411_23010_0625.N1	25-JUL-2006 13:39:44	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	23010	No
133	GOM_NL__2PRFIN20060725_135058_000000332049_00411_23010_0626.N1	25-JUL-2006 13:50:58	Bright	32.500	155	41Pi Sgr	2.9000	6600.0	65	23010	No
134	GOM_NL__2PRFIN20060725_135948_000000332049_00411_23010_0627.N1	25-JUL-2006 13:59:48	Bright	33.000	11	53Alp Aql	0.76500	8000.0	66	23010	No
135	GOM_NL__2PRFIN20060725_140805_000000342049_00411_23010_0628.N1	25-JUL-2006 14:08:05	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	23010	No
136	GOM_NL__2PRFIN20060725_141039_000000322049_00411_23010_0629.N1	25-JUL-2006 14:10:39	Bright	32.000	144	18Del Cyg	2.8600	11000.	64	23010	No
137	GOM_NL__2PRFIN20060725_143515_000000322049_00411_23010_0630.N1	25-JUL-2006 14:35:15	Bright	32.000	6	13Alp Aur	0.080000	3400.0	64	23010	No
138	GOM_NL__2PRFIN20060725_143912_000000352049_00411_23010_0631.N1	25-JUL-2006 14:39:12	Bright	34.500	114	3Iot Aur	2.6930	4600.0	69	23010	No
139	GOM_NL__2PRFIN20060725_144434_000000432049_00411_23010_0632.N1	25-JUL-2006 14:44:34	Dark	42.500	13	87Alp Tau	0.86700	3800.0	85	23010	No
140	GOM_NL__2PRFIN20060725_144638_000000342049_00411_23010_0633.N1	25-JUL-2006 14:46:38	Dark	34.000	27	24Gam Ori	1.6360	26000.	68	23010	No
141	GOM_NL__2PRFIN20060725_145053_000000312049_00411_23010_0634.N1	25-JUL-2006 14:50:53	Dark	31.000	7	19Bet Ori	0.10000	14000.	62	23010	No
142	GOM_NL__2PRFIN20060725_145446_000000432049_00411_23010_0635.N1	25-JUL-2006 14:54:46	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	23010	No
143	GOM_NL__2PRFIN20060725_150404_000000372049_00411_23010_0636.N1	25-JUL-2006 15:04:04	Dark	37.000	157	The1Eri	2.9060	9300.0	74	23010	No
144	GOM_NL__2PRFIN20060725_150957_000000362049_00412_23011_0622.N1	25-JUL-2006 15:09:57	Dark	35.500	9	Alp Eri	0.45300	24000.	71	23011	No
145	GOM_NL__2PRFIN20060725_151709_000000352049_00412_23011_0623.N1	25-JUL-2006 15:17:09	Straylight	35.000	148	Alp Tuc	2.8780	4100.0	70	23011	No
146	GOM_NL__2PRFIN20060725_151900_000000442049_00412_23011_0624.N1	25-JUL-2006 15:19:00	Straylight	43.500	63	Bet Gru	2.1500	2800.0	87	23011	No
147	GOM_NL__2PRFIN20060725_152021_000000382049_00412_23011_0625.N1	25-JUL-2006 15:20:21	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	23011	No
148	GOM_NL__2PRFIN20060725_153134_000000322049_00412_23011_0626.N1	25-JUL-2006 15:31:34	Bright	31.500	155	41Pi Sgr	2.9000	6600.0	63	23011	No
149	GOM_NL__2PRFIN20060725_154024_000000342049_00412_23011_0627.N1	25-JUL-2006 15:40:24	Bright	33.500	11	53Alp Aql	0.76500	8000.0	67	23011	No
150	GOM_NL__2PRFIN20060725_154841_000000332049_00412_23011_0628.N1	25-JUL-2006 15:48:41	Bright	32.500	5	3Alp Lyr	0.033000	11000.	65	23011	No
151	GOM_NL__2PRFIN20060725_155114_000000322049_00412_23011_0629.N1	25-JUL-2006 15:51:14	Bright	31.500	144	18Del Cyg	2.8600	11000.	63	23011	No
152	GOM_NL__2PRFIN20060725_160316_000000302049_00412_23011_0630.N1	25-JUL-2006 16:03:16	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23011	No
153	GOM_NL__2PRFIN20060725_161551_000000332049_00412_23011_0631.N1	25-JUL-2006 16:15:51	Bright	32.500	6	13Alp Aur	0.080000	3400.0	65	23011	No
154	GOM_NL__2PRFIN20060725_161948_000000352049_00412_23011_0632.N1	25-JUL-2006 16:19:48	Bright	35.000	114	3Iot Aur	2.6930	4600.0	70	23011	No
155	GOM_NL__2PRFIN20060725_162511_000000442049_00412_23011_0633.N1	25-JUL-2006 16:25:11	Dark	43.500	13	87Alp Tau	0.86700	3800.0	87	23011	No
156	GOM_NL__2PRFIN20060725_162715_000000352049_00412_23011_0634.N1	25-JUL-2006 16:27:15	Dark	34.500	27	24Gam Ori	1.6360	26000.	69	23011	No
157	GOM_NL__2PRFIN20060725_163130_000000332049_00412_23011_0635.N1	25-JUL-2006 16:31:30	Dark	32.500	7	19Bet Ori	0.10000	14000.	65	23011	No
158	GOM_NL__2PRFIN20060725_163523_000000452049_00412_23011_0636.N1	25-JUL-2006 16:35:23	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	23011	No
159	GOM_NL__2PRFIN20060725_164441_000000372049_00412_23011_0637.N1	25-JUL-2006 16:44:41	Dark	37.000	157	The1Eri	2.9060	9300.0	74	23011	No
160	GOM_NL__2PRFIN20060725_165033_000000352049_00413_23012_0622.N1	25-JUL-2006 16:50:33	Dark	34.500	9	Alp Eri	0.45300	24000.	69	23012	No

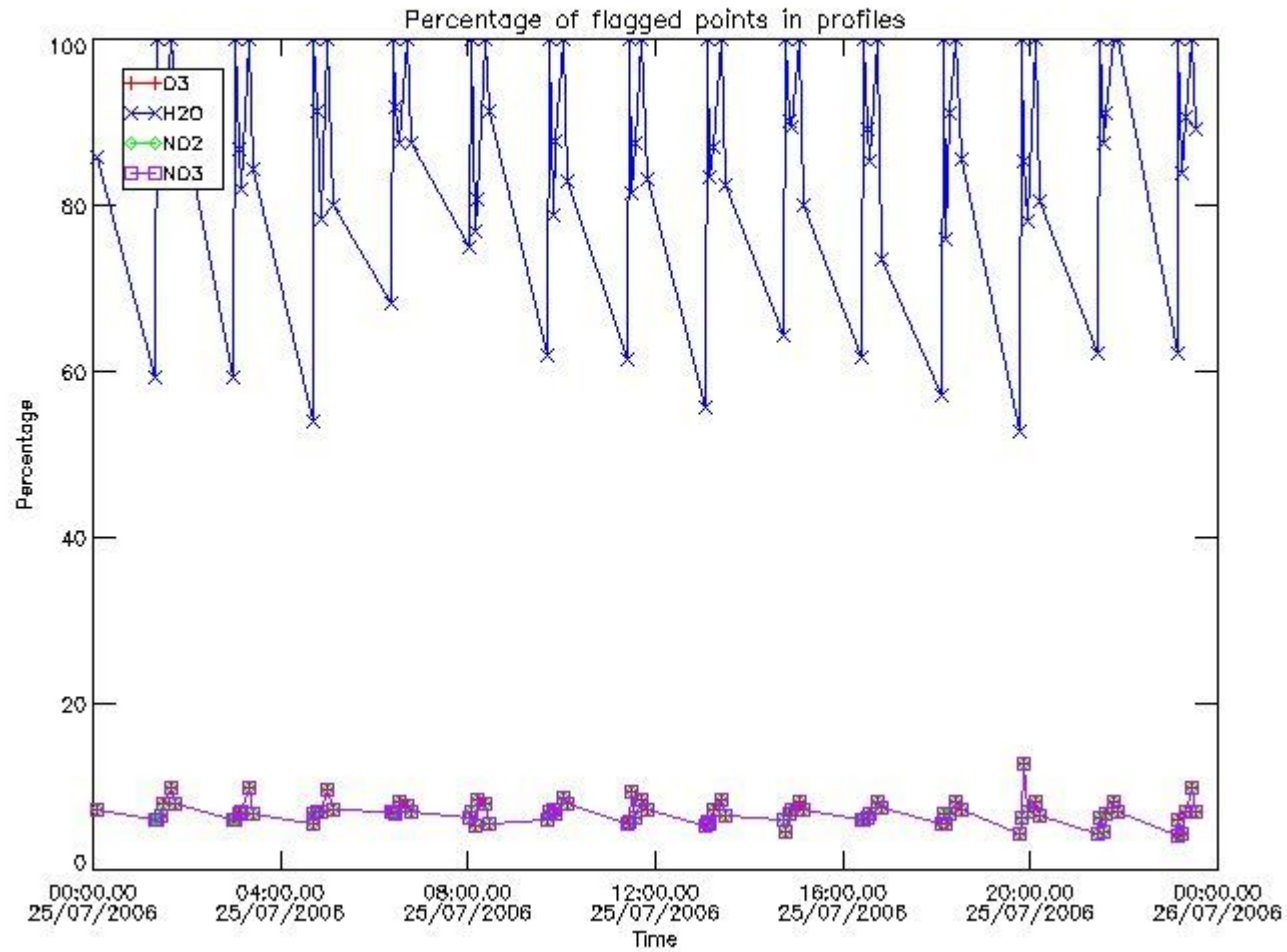
161	GOM_NL__2PRFIN20060725_165745_000000352049_00413_23012_0623.N1	25-JUL-2006 16:57:45	Straylight	34.500	148	Alp Tuc	2.8780	4100.0	69	23012	No
162	GOM_NL__2PRFIN20060725_165937_000000452049_00413_23012_0624.N1	25-JUL-2006 16:59:37	Straylight	45.000	63	Bet Gru	2.1500	2800.0	90	23012	No
163	GOM_NL__2PRFIN20060725_170057_000000452049_00413_23012_0625.N1	25-JUL-2006 17:00:57	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	23012	No
164	GOM_NL__2PRFIN20060725_171210_000000322049_00413_23012_0626.N1	25-JUL-2006 17:12:10	Bright	31.500	155	41Pi Sgr	2.9000	6600.0	63	23012	No
165	GOM_NL__2PRFIN20060725_172100_000000332049_00413_23012_0627.N1	25-JUL-2006 17:21:00	Bright	33.000	11	53Alp Aql	0.76500	8000.0	66	23012	No
166	GOM_NL__2PRFIN20060725_172917_000000312049_00413_23012_0628.N1	25-JUL-2006 17:29:17	Bright	30.500	5	3Alp Lyr	0.033000	11000.	61	23012	No
167	GOM_NL__2PRFIN20060725_173150_000000332049_00413_23012_0629.N1	25-JUL-2006 17:31:50	Bright	32.500	144	18Del Cyg	2.8600	11000.	65	23012	No
168	GOM_NL__2PRFIN20060725_174352_000000312049_00413_23012_0630.N1	25-JUL-2006 17:43:52	Bright	30.500	49	1Alp UMi	1.9900	6300.0	61	23012	No
169	GOM_NL__2PRFIN20060725_175627_000000322049_00413_23012_0631.N1	25-JUL-2006 17:56:27	Bright	32.000	6	13Alp Aur	0.080000	3400.0	64	23012	No
170	GOM_NL__2PRFIN20060725_180024_000000362049_00413_23012_0632.N1	25-JUL-2006 18:00:24	Bright	35.500	114	3lot Aur	2.6930	4600.0	71	23012	No
171	GOM_NL__2PRFIN20060725_180547_000000462049_00413_23012_0633.N1	25-JUL-2006 18:05:47	Dark	46.000	13	87Alp Tau	0.86700	3800.0	92	23012	No
172	GOM_NL__2PRFIN20060725_180751_000000312049_00413_23012_0634.N1	25-JUL-2006 18:07:51	Dark	30.500	27	24Gam Ori	1.6360	26000.	61	23012	No
173	GOM_NL__2PRFIN20060725_181206_000000382049_00413_23012_0635.N1	25-JUL-2006 18:12:06	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	23012	No
174	GOM_NL__2PRFIN20060725_181600_000000462049_00413_23012_0636.N1	25-JUL-2006 18:16:00	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	23012	No
175	GOM_NL__2PRFIN20060725_182518_000000382049_00413_23012_0637.N1	25-JUL-2006 18:25:18	Dark	37.500	157	The1Eri	2.9060	9300.0	75	23012	No
176	GOM_NL__2PRFIN20060725_183110_000000352049_00414_23013_0622.N1	25-JUL-2006 18:31:10	Dark	35.000	9	Alp Eri	0.45300	24000.	70	23013	No
177	GOM_NL__2PRFIN20060725_183822_000000422049_00414_23013_0623.N1	25-JUL-2006 18:38:22	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	23013	No
178	GOM_NL__2PRFIN20060725_184013_000000412049_00414_23013_0624.N1	25-JUL-2006 18:40:13	Straylight	41.000	63	Bet Gru	2.1500	2800.0	82	23013	No
179	GOM_NL__2PRFIN20060725_184134_000000412049_00414_23013_0625.N1	25-JUL-2006 18:41:34	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	23013	No
180	GOM_NL__2PRFIN20060725_185246_000000322049_00414_23013_0626.N1	25-JUL-2006 18:52:46	Bright	32.000	155	41Pi Sgr	2.9000	6600.0	64	23013	No
181	GOM_NL__2PRFIN20060725_190136_000000352049_00414_23013_0627.N1	25-JUL-2006 19:01:36	Bright	34.500	11	53Alp Aql	0.76500	8000.0	69	23013	No
182	GOM_NL__2PRFIN20060725_190953_000000292049_00414_23013_0628.N1	25-JUL-2006 19:09:53	Bright	29.000	5	3Alp Lyr	0.033000	11000.	58	23013	No
183	GOM_NL__2PRFIN20060725_191225_000000332049_00414_23013_0629.N1	25-JUL-2006 19:12:25	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	23013	No
184	GOM_NL__2PRFIN20060725_192428_000000472049_00414_23013_0630.N1	25-JUL-2006 19:24:28	Bright	47.000	49	1Alp UMi	1.9900	6300.0	94	23013	No
185	GOM_NL__2PRFIN20060725_193703_000000342049_00414_23013_0631.N1	25-JUL-2006 19:37:03	Bright	34.000	6	13Alp Aur	0.080000	3400.0	68	23013	No
186	GOM_NL__2PRFIN20060725_194100_000000502049_00414_23013_0632.N1	25-JUL-2006 19:41:00	Bright	50.000	114	3lot Aur	2.6930	4600.0	100	23013	No
187	GOM_NL__2PRFIN20060725_194623_000000472049_00414_23013_0633.N1	25-JUL-2006 19:46:23	Dark	47.000	13	87Alp Tau	0.86700	3800.0	94	23013	No
188	GOM_NL__2PRFIN20060725_194827_000000332049_00414_23013_0634.N1	25-JUL-2006 19:48:27	Dark	32.500	27	24Gam Ori	1.6360	26000.	65	23013	No
189	GOM_NL__2PRFIN20060725_195242_000000482049_00414_23013_0635.N1	25-JUL-2006 19:52:42	Dark	48.000	7	19Bet Ori	0.10000	14000.	96	23013	No
190	GOM_NL__2PRFIN20060725_195636_000000442049_00414_23013_0636.N1	25-JUL-2006 19:56:36	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	23013	No
191	GOM_NL__2PRFIN20060725_200555_000000372049_00414_23013_0637.N1	25-JUL-2006 20:05:55	Dark	37.000	157	The1Eri	2.9060	9300.0	74	23013	No
192	GOM_NL__2PRFIN20060725_201147_000000392049_00415_23014_0622.N1	25-JUL-2006 20:11:47	Dark	39.000	9	Alp Eri	0.45300	24000.	78	23014	No
193	GOM_NL__2PRFIN20060725_201858_000000342049_00415_23014_0623.N1	25-JUL-2006 20:18:58	Straylight	33.500	148	Alp Tuc	2.8780	4100.0	67	23014	No
194	GOM_NL__2PRFIN20060725_202050_000000532049_00415_23014_0624.N1	25-JUL-2006 20:20:50	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	23014	No
195	GOM_NL__2PRFIN20060725_202210_000000382049_00415_23014_0625.N1	25-JUL-2006 20:22:10	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	23014	No
196	GOM_NL__2PRFIN20060725_203323_000000312049_00415_23014_0626.N1	25-JUL-2006 20:33:23	Bright	31.000	155	41Pi Sgr	2.9000	6600.0	62	23014	No
197	GOM_NL__2PRFIN20060725_204212_000000342049_00415_23014_0627.N1	25-JUL-2006 20:42:12	Bright	34.000	11	53Alp Aql	0.76500	8000.0	68	23014	No
198	GOM_NL__2PRFIN20060725_205029_000000322049_00415_23014_0628.N1	25-JUL-2006 20:50:29	Bright	31.500	5	3Alp Lyr	0.033000	11000.	63	23014	No
199	GOM_NL__2PRFIN20060725_205301_000000302049_00415_23014_0629.N1	25-JUL-2006 20:53:01	Bright	30.000	144	18Del Cyg	2.8600	11000.	60	23014	No
200	GOM_NL__2PRFIN20060725_210504_000000302049_00415_23014_0630.N1	25-JUL-2006 21:05:04	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23014	No
201	GOM_NL__2PRFIN20060725_211739_000000482049_00415_23014_0631.N1	25-JUL-2006 21:17:39	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	23014	No
202	GOM_NL__2PRFIN20060725_212136_000000342049_00415_23014_0632.N1	25-JUL-2006 21:21:36	Bright	34.000	114	3lot Aur	2.6930	4600.0	68	23014	No
203	GOM_NL__2PRFIN20060725_212659_000000482049_00415_23014_0633.N1	25-JUL-2006 21:26:59	Dark	48.000	13	87Alp Tau	0.86700	3800.0	96	23014	No
204	GOM_NL__2PRFIN20060725_212903_000000342049_00415_23014_0634.N1	25-JUL-2006 21:29:03	Dark	33.500	27	24Gam Ori	1.6360	26000.	67	23014	No
205	GOM_NL__2PRFIN20060725_213318_000000442049_00415_23014_0635.N1	25-JUL-2006 21:33:18	Dark	43.500	7	19Bet Ori	0.10000	14000.	87	23014	No
206	GOM_NL__2PRFIN20060725_213713_000000452049_00415_23014_0636.N1	25-JUL-2006 21:37:13	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	23014	No
207	GOM_NL__2PRFIN20060725_214632_000000382049_00415_23014_0637.N1	25-JUL-2006 21:46:32	Dark	38.000	157	The1Eri	2.9060	9300.0	76	23014	No
208	GOM_NL__2PRFIN20060725_215223_000000372049_00416_23015_0642.N1	25-JUL-2006 21:52:23	Dark	36.500	9	Alp Eri	0.45300	24000.	73	23015	No
209	GOM_NL__2PRFIN20060725_215934_000000362049_00416_23015_0643.N1	25-JUL-2006 21:59:34	Straylight	35.500	148	Alp Tuc	2.8780	4100.0	71	23015	No
210	GOM_NL__2PRFIN20060725_220127_000000532049_00416_23015_0644.N1	25-JUL-2006 22:01:27	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	23015	No
211	GOM_NL__2PRFIN20060725_220247_000000382049_00416_23015_0645.N1	25-JUL-2006 22:02:47	Straylight	37.500	31	Alp Gru	1.7340	15200.	75	23015	No
212	GOM_NL__2PRFIN20060725_221358_000000332049_00416_23015_0646.N1	25-JUL-2006 22:13:58	Bright	32.500	155	41Pi Sgr	2.9000	6600.0	65	23015	No
213	GOM_NL__2PRFIN20060725_222247_000000342049_00416_23015_0647.N1	25-JUL-2006 22:22:47	Bright	33.500	11	53Alp Aql	0.76500	8000.0	67	23015	No
214	GOM_NL__2PRFIN20060725_223105_000000302049_00416_23015_0648.N1	25-JUL-2006 22:31:05	Bright	30.000	5	3Alp Lyr	0.033000	11000.	60	23015	No
215	GOM_NL__2PRFIN20060725_223337_000000312049_00416_23015_0649.N1	25-JUL-2006 22:33:37	Bright	30.500	144	18Del Cyg	2.8600	11000.	61	23015	No
216	GOM_NL__2PRFIN20060725_224539_000000292049_00416_23015_0650.N1	25-JUL-2006 22:45:39	Bright	28.500	49	1Alp UMi	1.9900	6300.0	57	23015	No
217	GOM_NL__2PRFIN20060725_225815_000000482049_00416_23015_0651.N1	25-JUL-2006 22:58:15	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	23015	No
218	GOM_NL__2PRFIN20060725_230212_000000352049_00416_23015_0652.N1	25-JUL-2006 23:02:12	Bright	35.000	114	3lot Aur	2.6930	4600.0	70	23015	No
219	GOM_NL__2PRFIN20060725_230736_000000522049_00416_23015_0653.N1	25-JUL-2006 23:07:36	Dark	52.000	13	87Alp Tau	0.86700	3800.0	104	23015	No

220	GOM_NL__2PRFIN20060725_230939_000000352049_00416_23015_0654.N1	25-JUL-2006 23:09:39	Dark	34.500	27	24Gam Ori	1.6360	26000.	69	23015	No
221	GOM_NL__2PRFIN20060725_231355_000000472049_00416_23015_0655.N1	25-JUL-2006 23:13:55	Dark	47.000	7	19Bet Ori	0.10000	14000.	94	23015	No
222	GOM_NL__2PRFIN20060725_231750_000000442049_00416_23015_0656.N1	25-JUL-2006 23:17:50	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	23015	No
223	GOM_NL__2PRFIN20060725_232708_000000362049_00416_23015_0657.N1	25-JUL-2006 23:27:08	Dark	36.000	157	The1Eri	2.9060	9300.0	72	23015	No
224	GOM_NL__2PRFIN20060725_233300_000000372049_00417_23016_0642.N1	25-JUL-2006 23:33:00	Dark	37.000	9	Alp Eri	0.45300	24000.	74	23016	No
225	GOM_NL__2PRFIN20060725_234011_000000352049_00417_23016_0643.N1	25-JUL-2006 23:40:11	Straylight	35.000	148	Alp Tuc	2.8780	4100.0	70	23016	No
226	GOM_NL__2PRFIN20060725_234203_000000542049_00417_23016_0644.N1	25-JUL-2006 23:42:03	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	23016	No
227	GOM_NL__2PRFIN20060725_234323_000000392049_00417_23016_0645.N1	25-JUL-2006 23:43:23	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	23016	No
228	GOM_NL__2PRFIN20060725_235435_000000322049_00417_23016_0646.N1	25-JUL-2006 23:54:35	Bright	31.500	155	41Pi Sgr	2.9000	6600.0	63	23016	No

3. Quality information per product

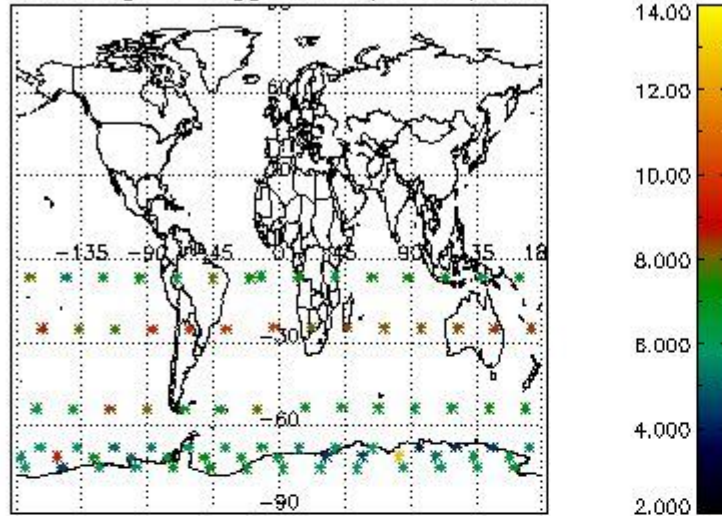
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

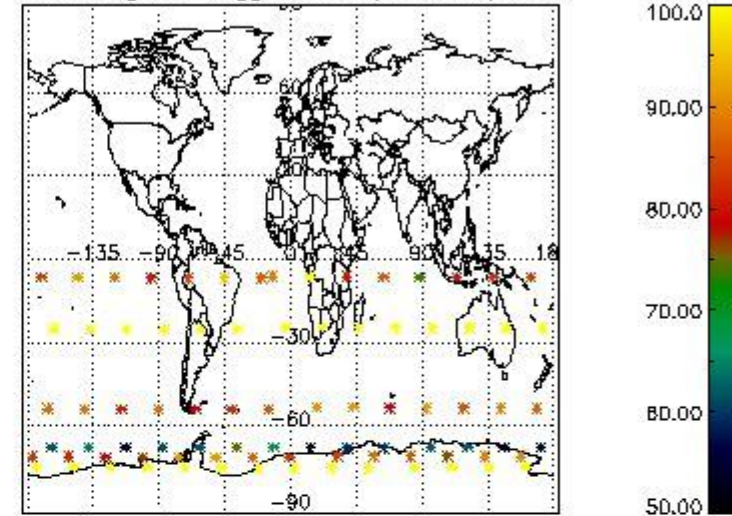


3.2 Plot quality information per product (world map)

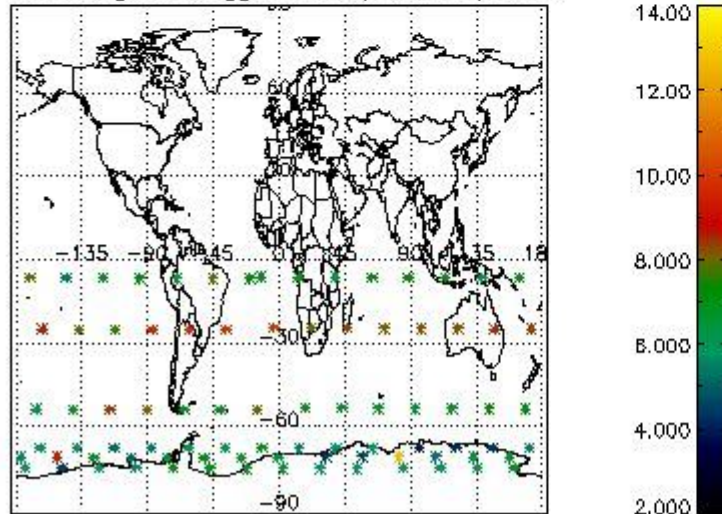
Percentage of flagged data per O3 profile



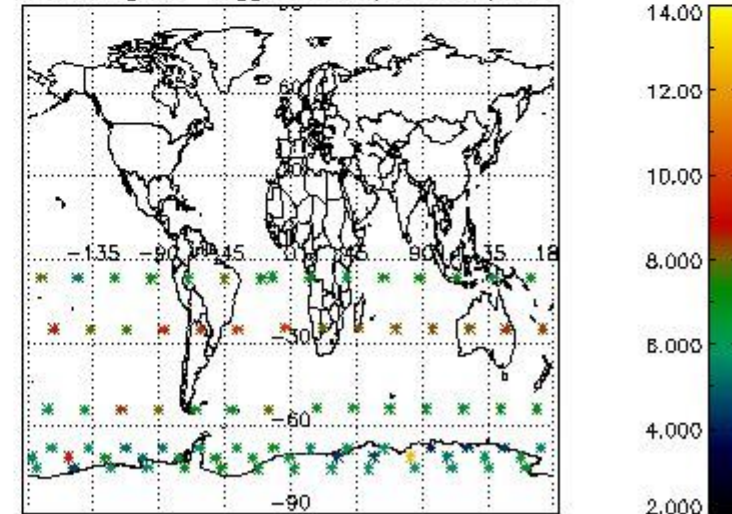
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

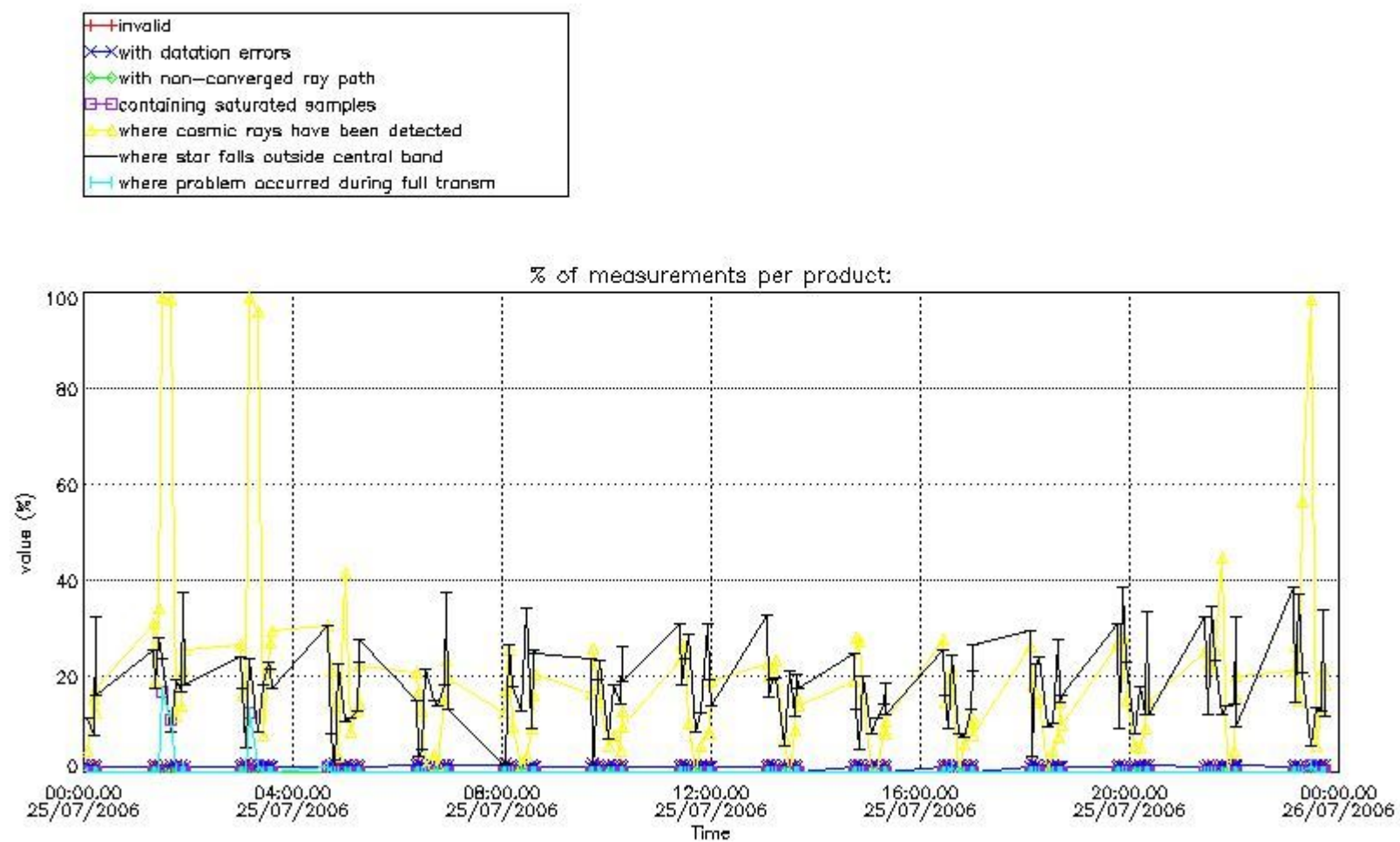


4. Level 1 quality information per product

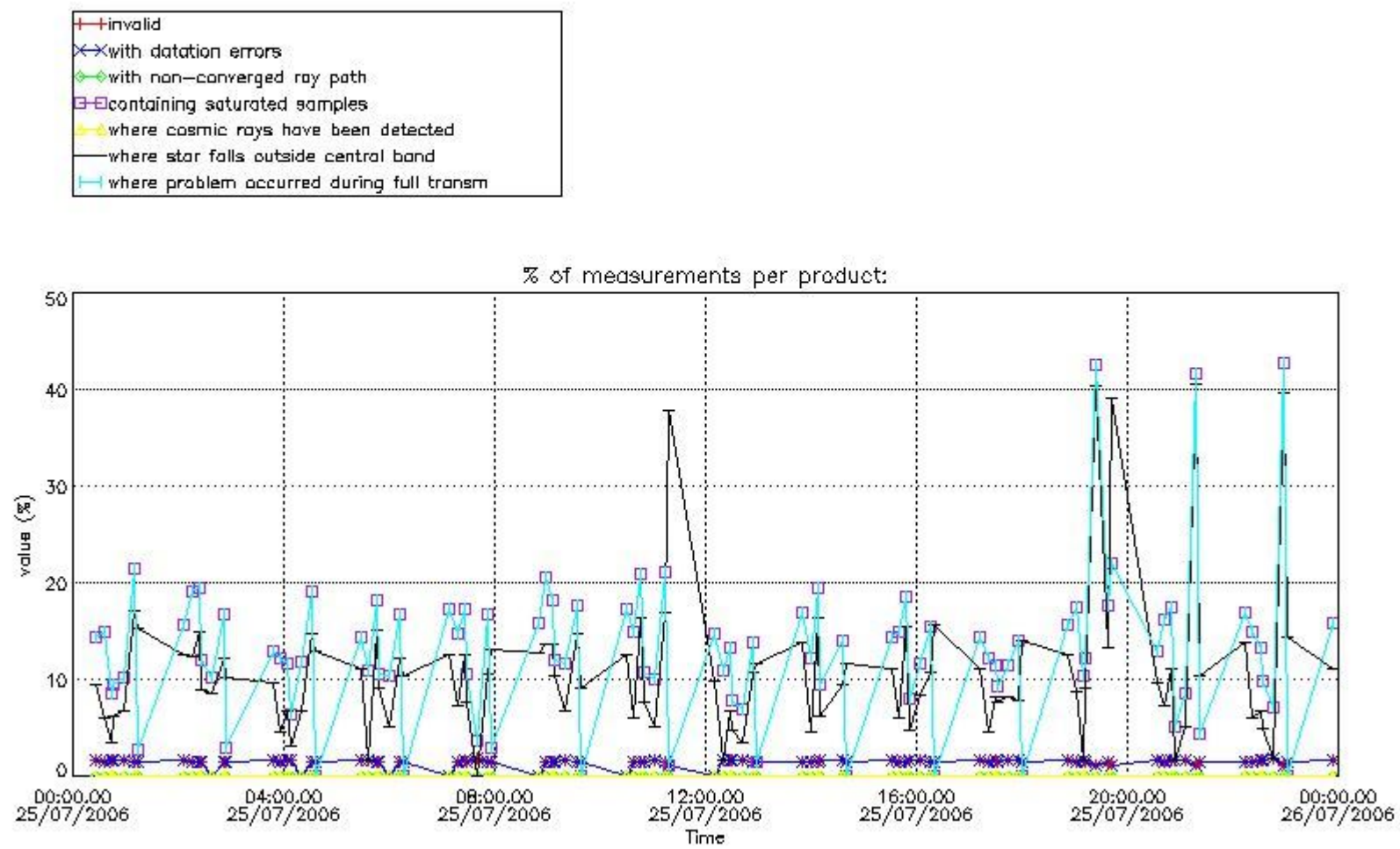
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



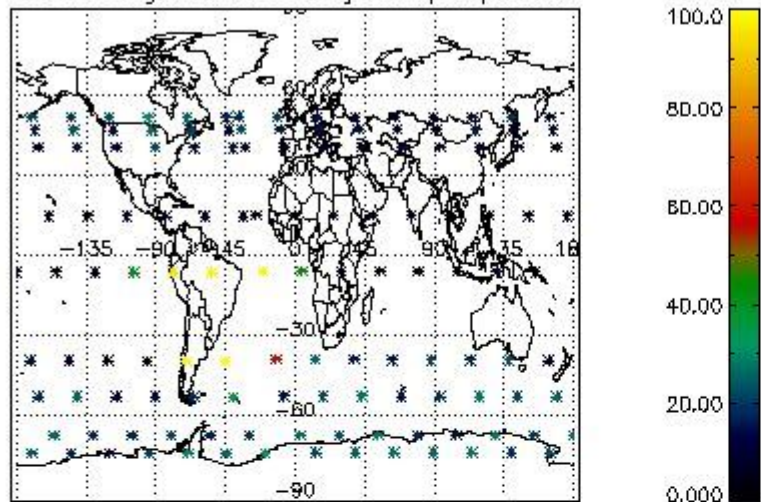
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



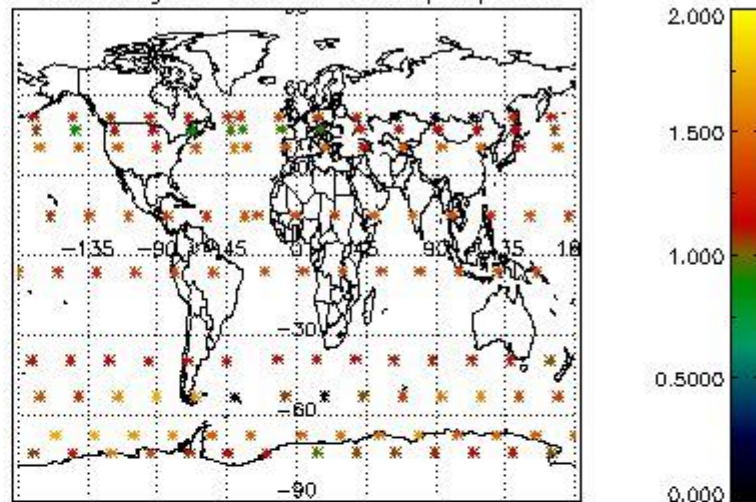
4.2 Plot quality information per product coming from level 1b processing (world map)

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

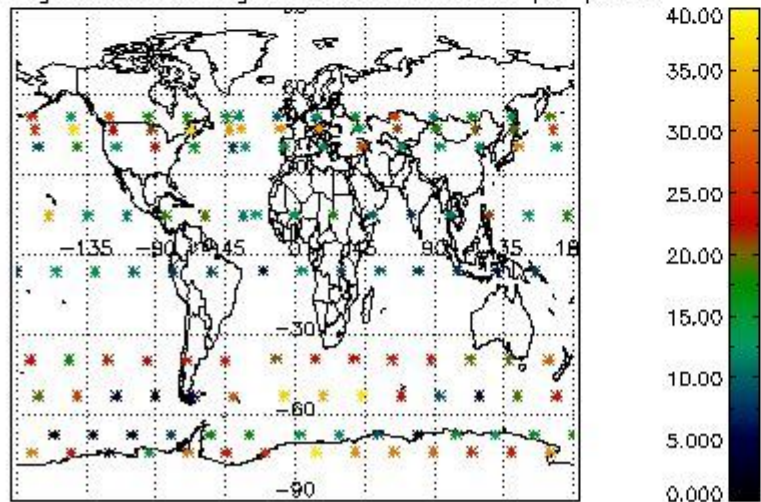
Percentage of cosmic ray hits per profile



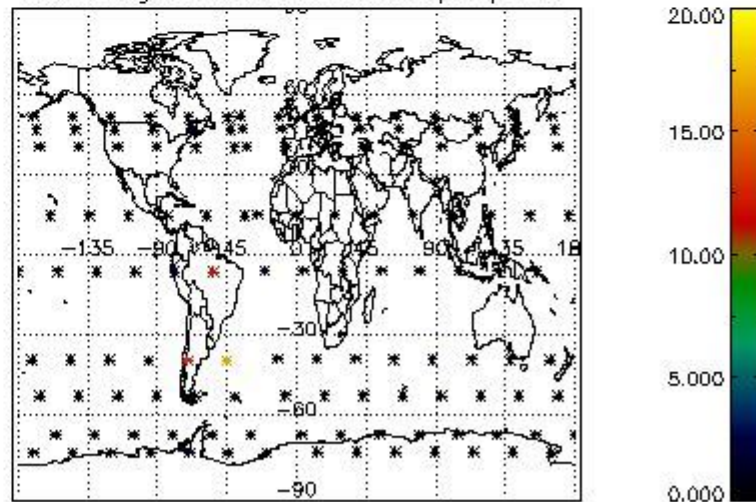
Percentage of datation errors per profile



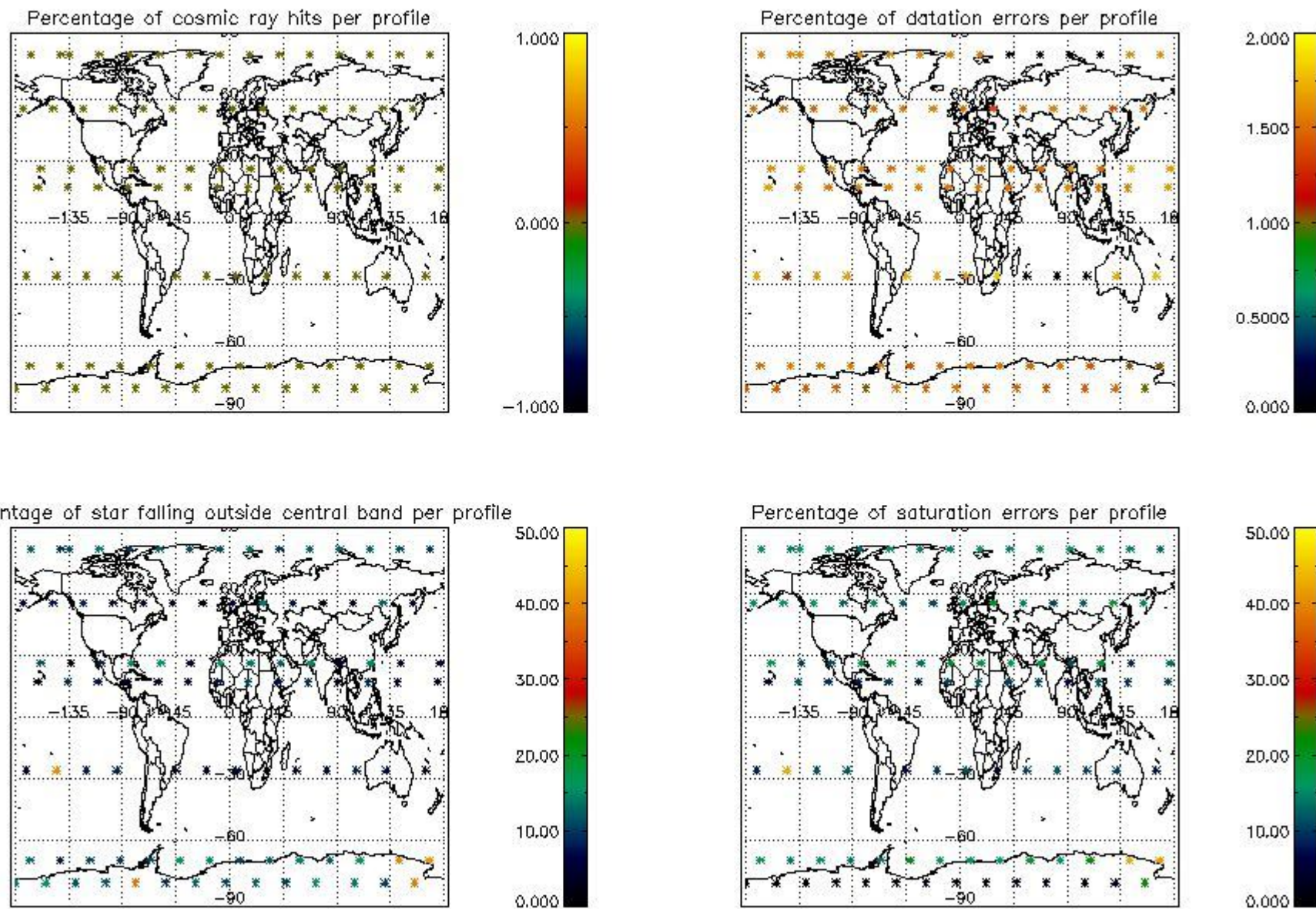
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

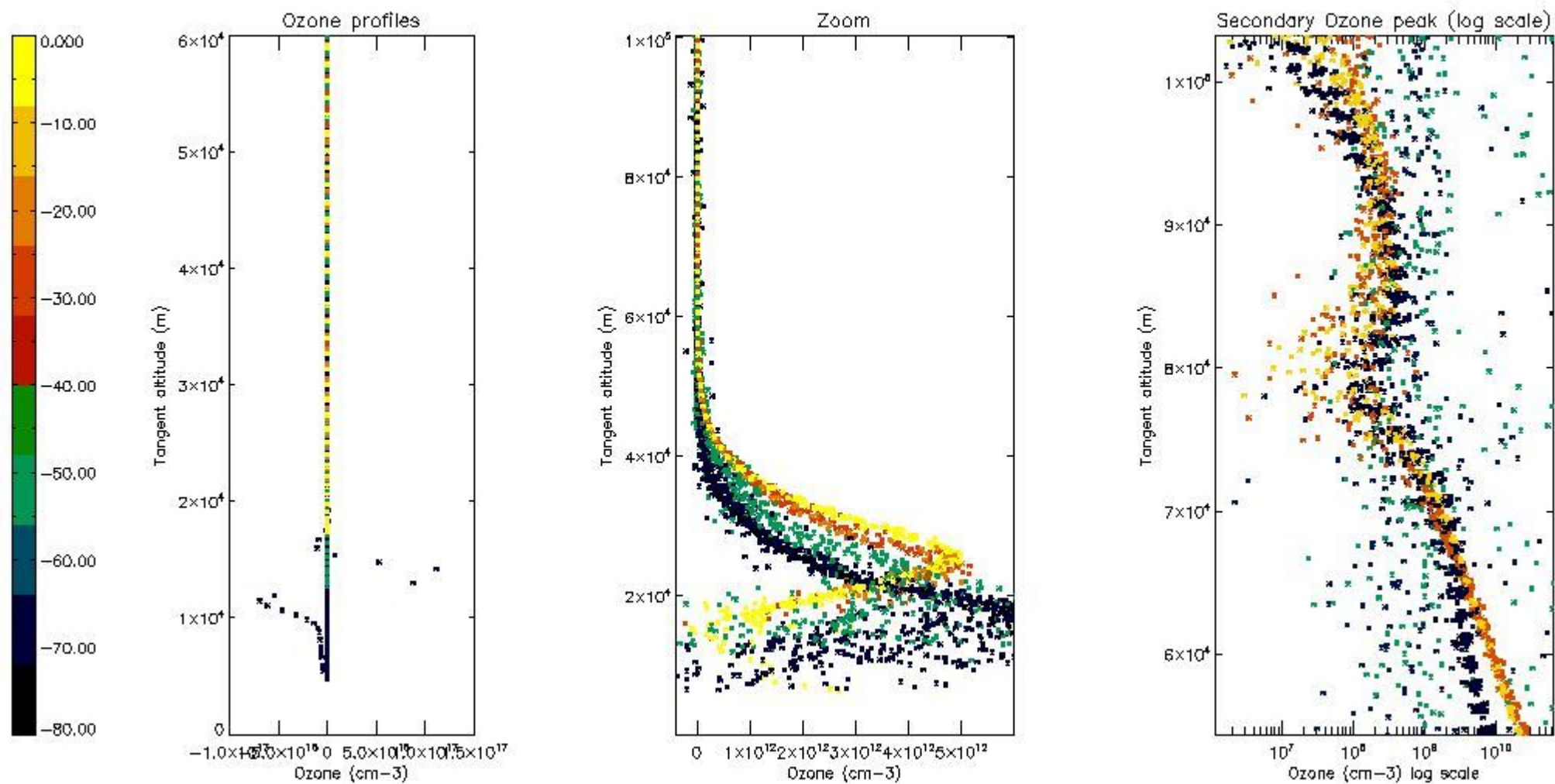
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	39
STD < 20	23

STD < 10	18
STD < 5	12

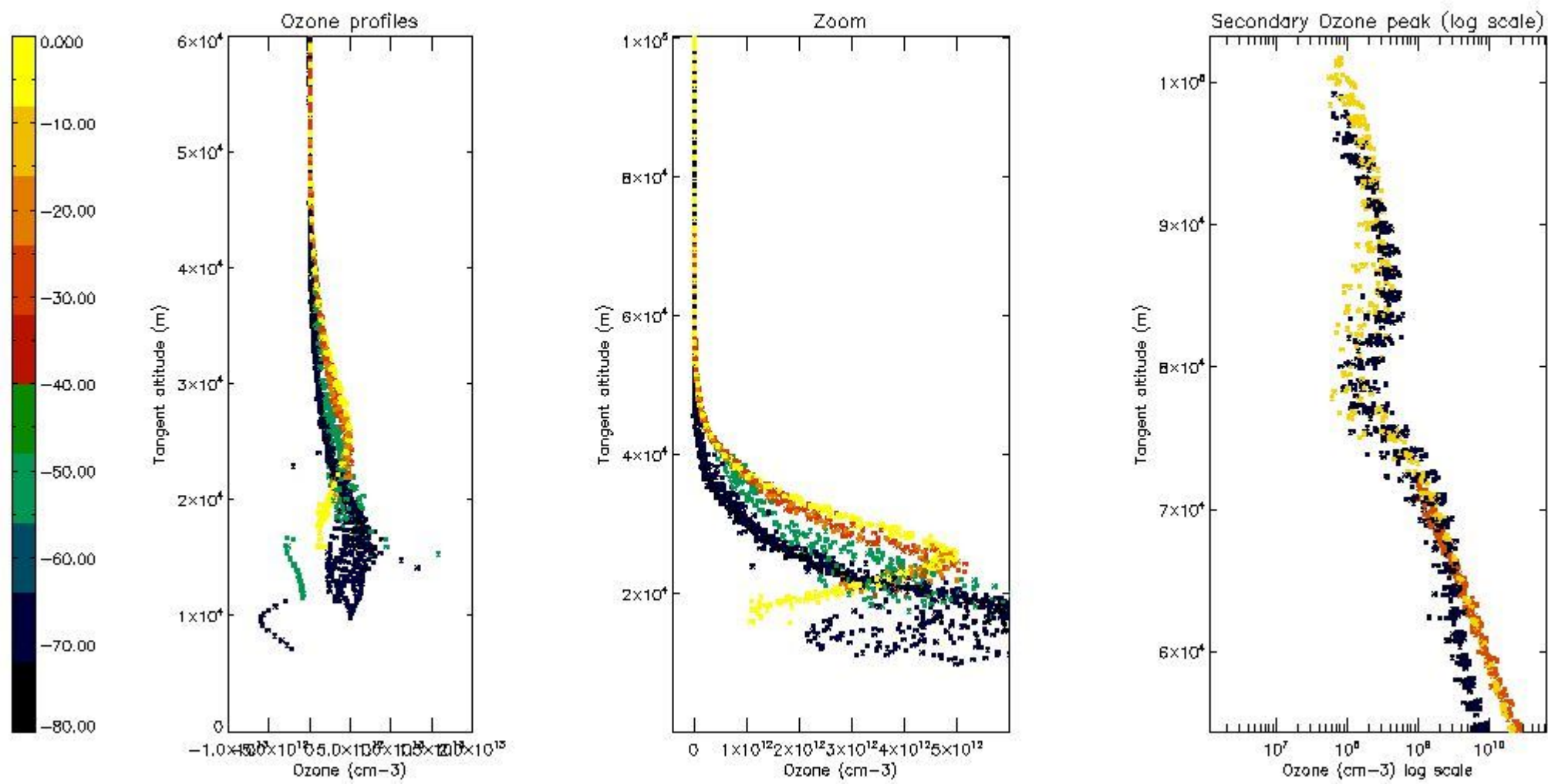
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



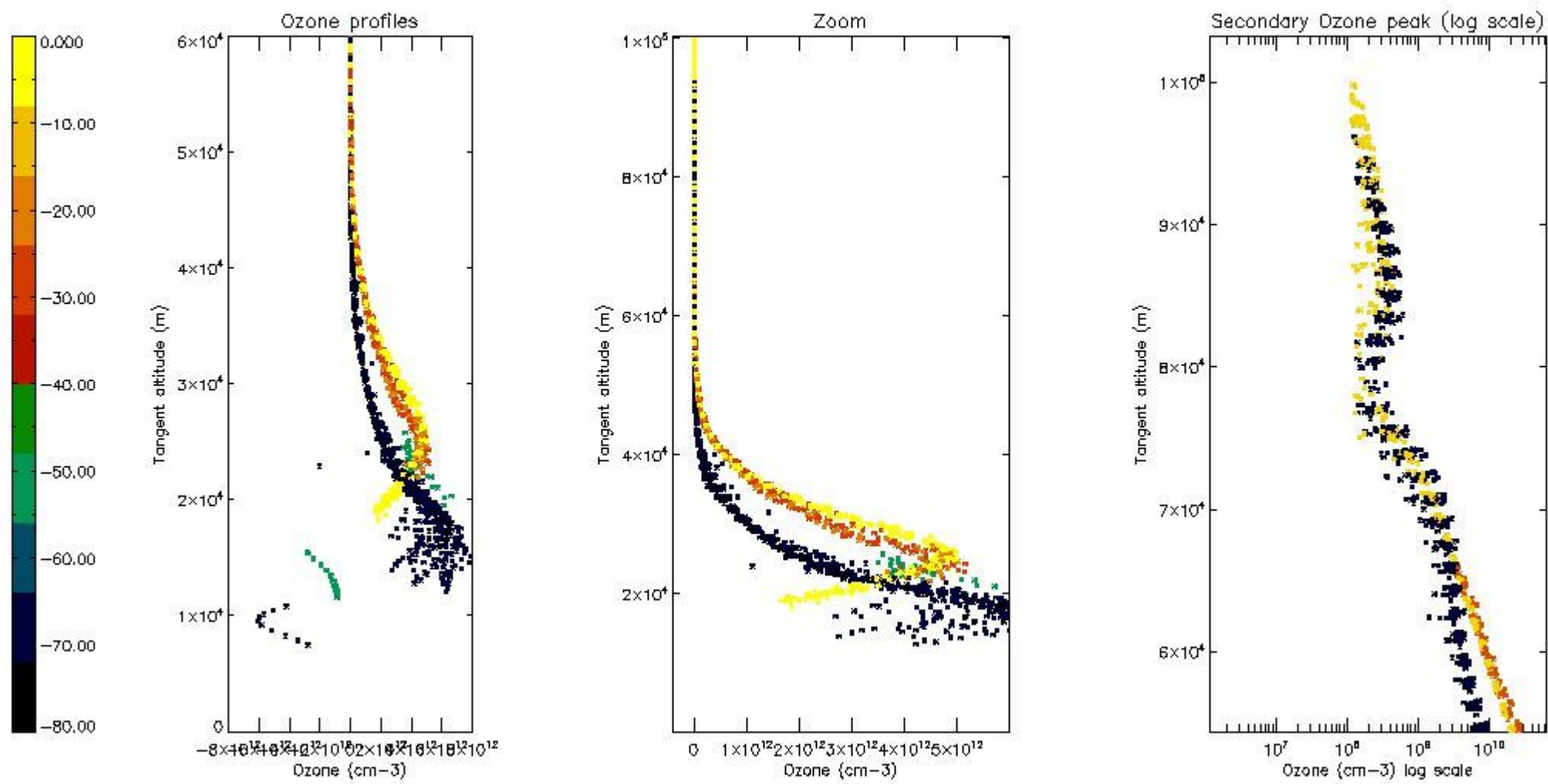
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



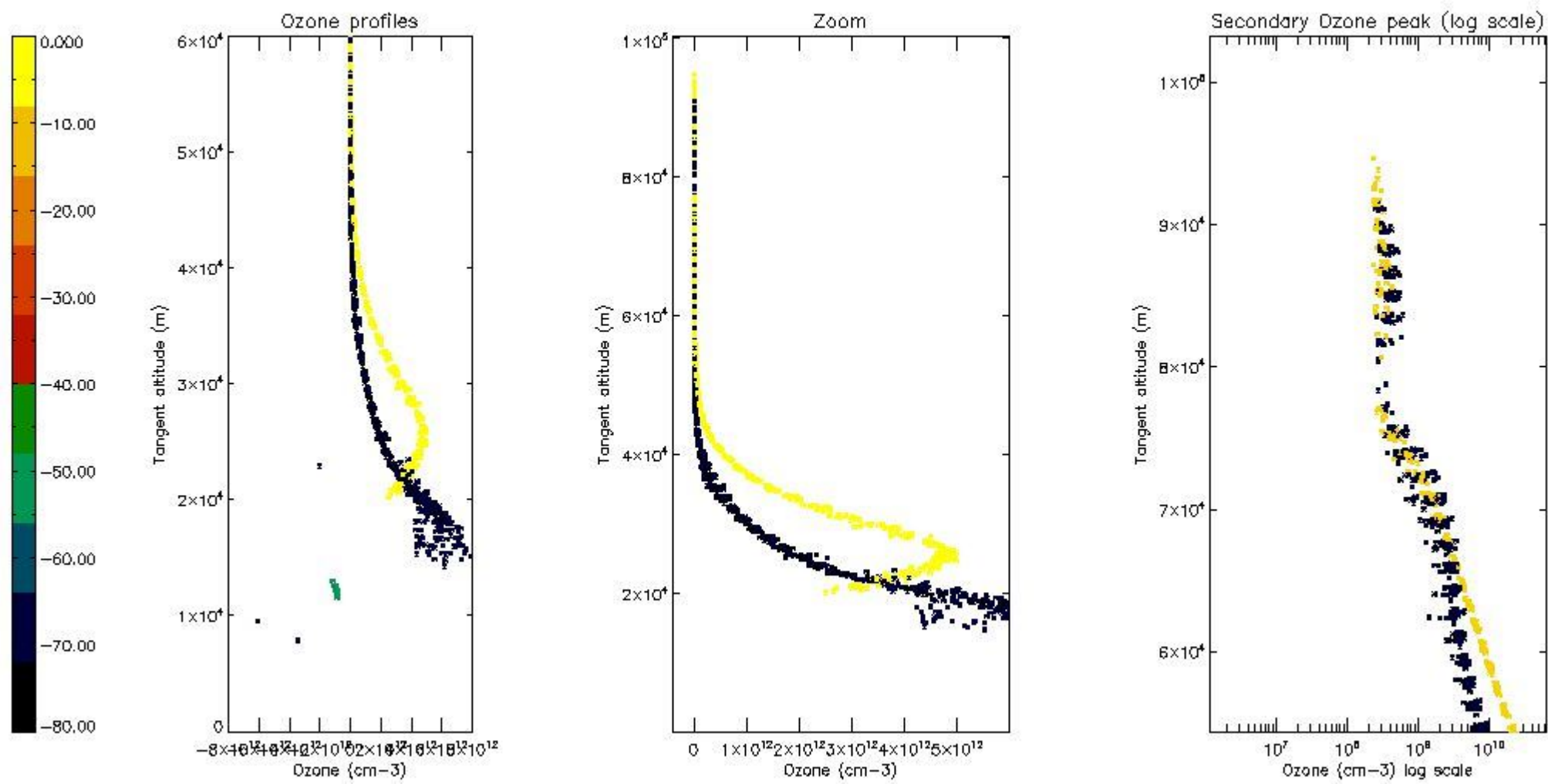
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



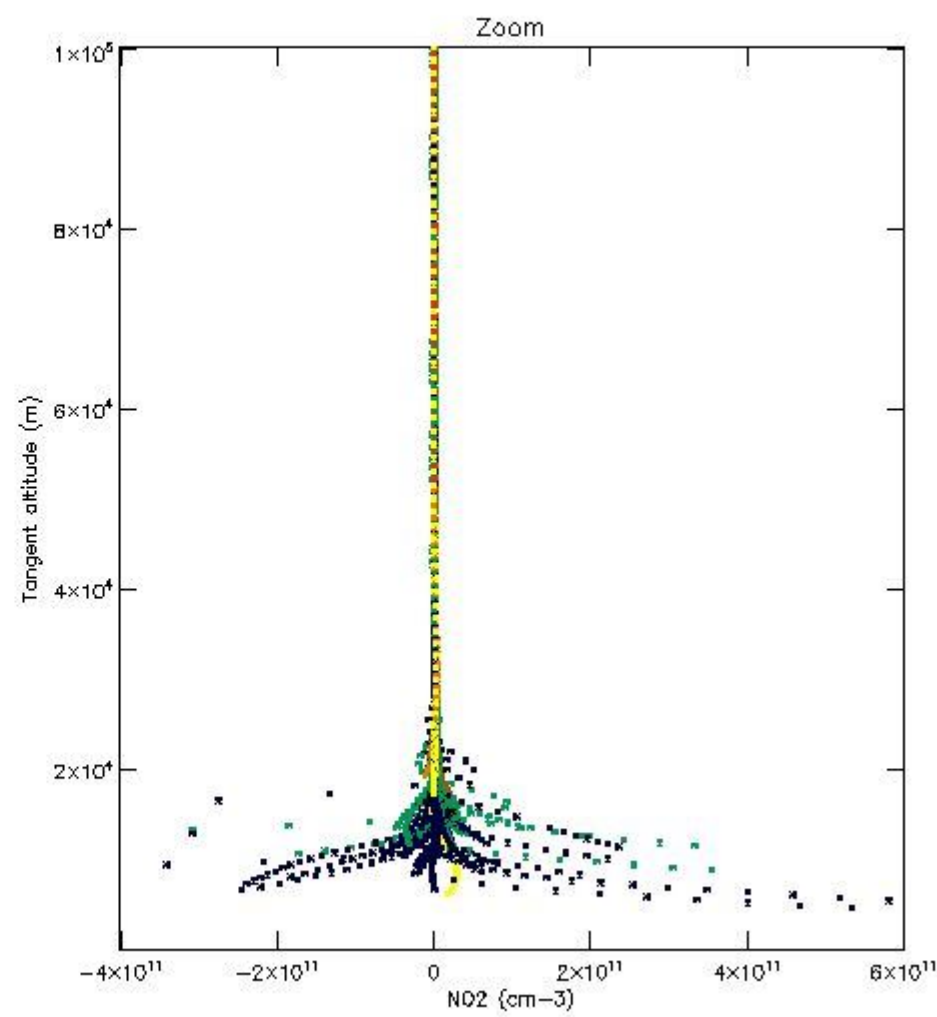
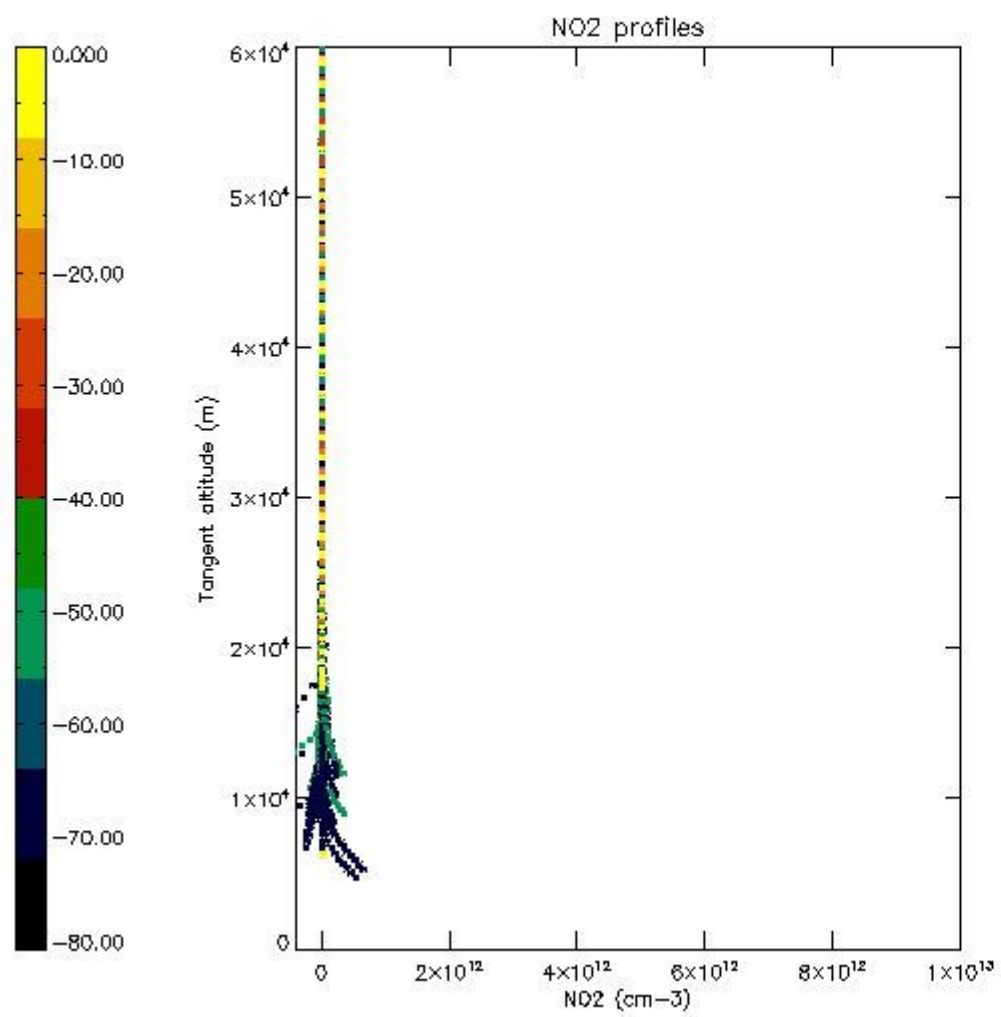
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



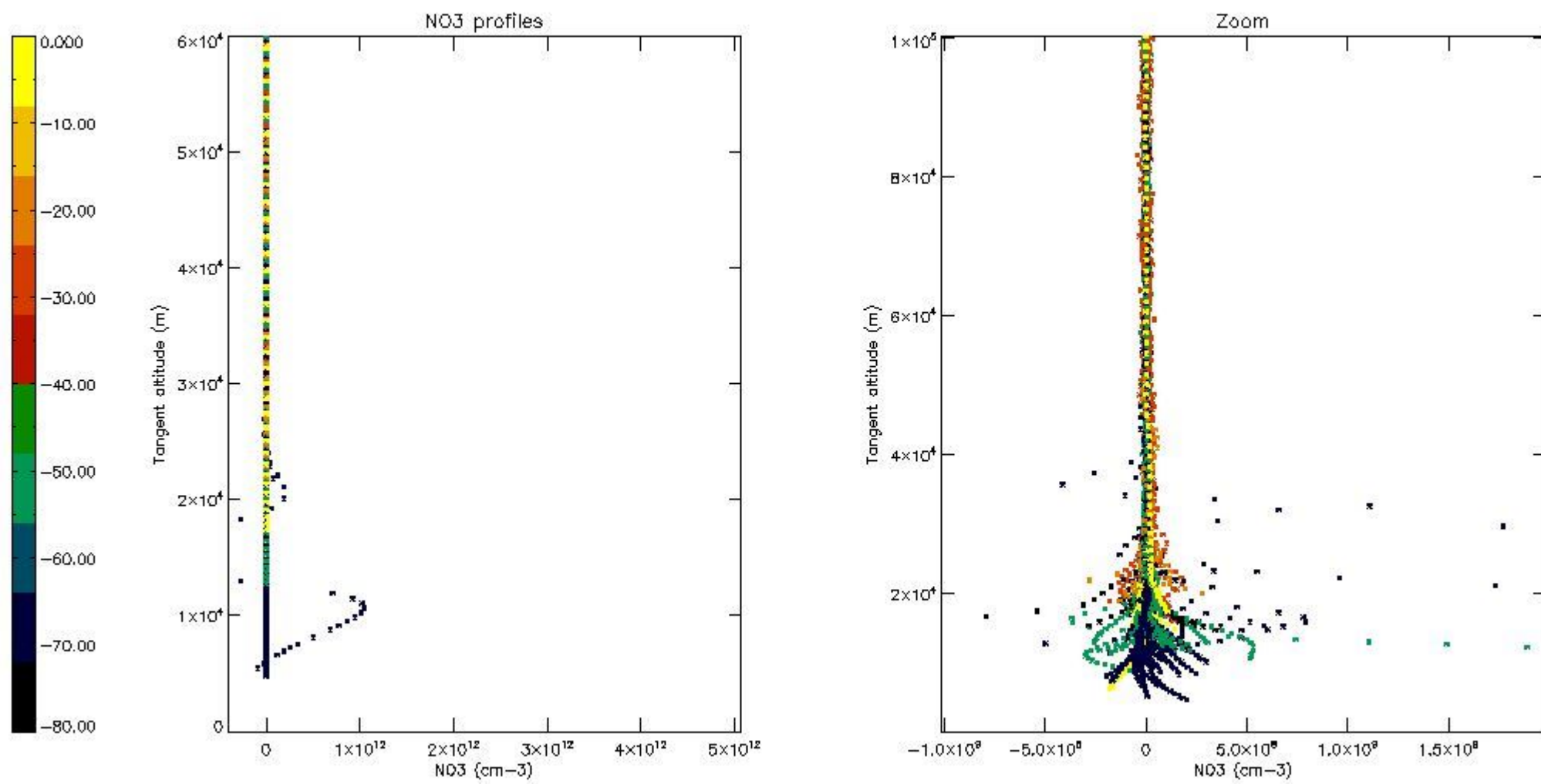
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



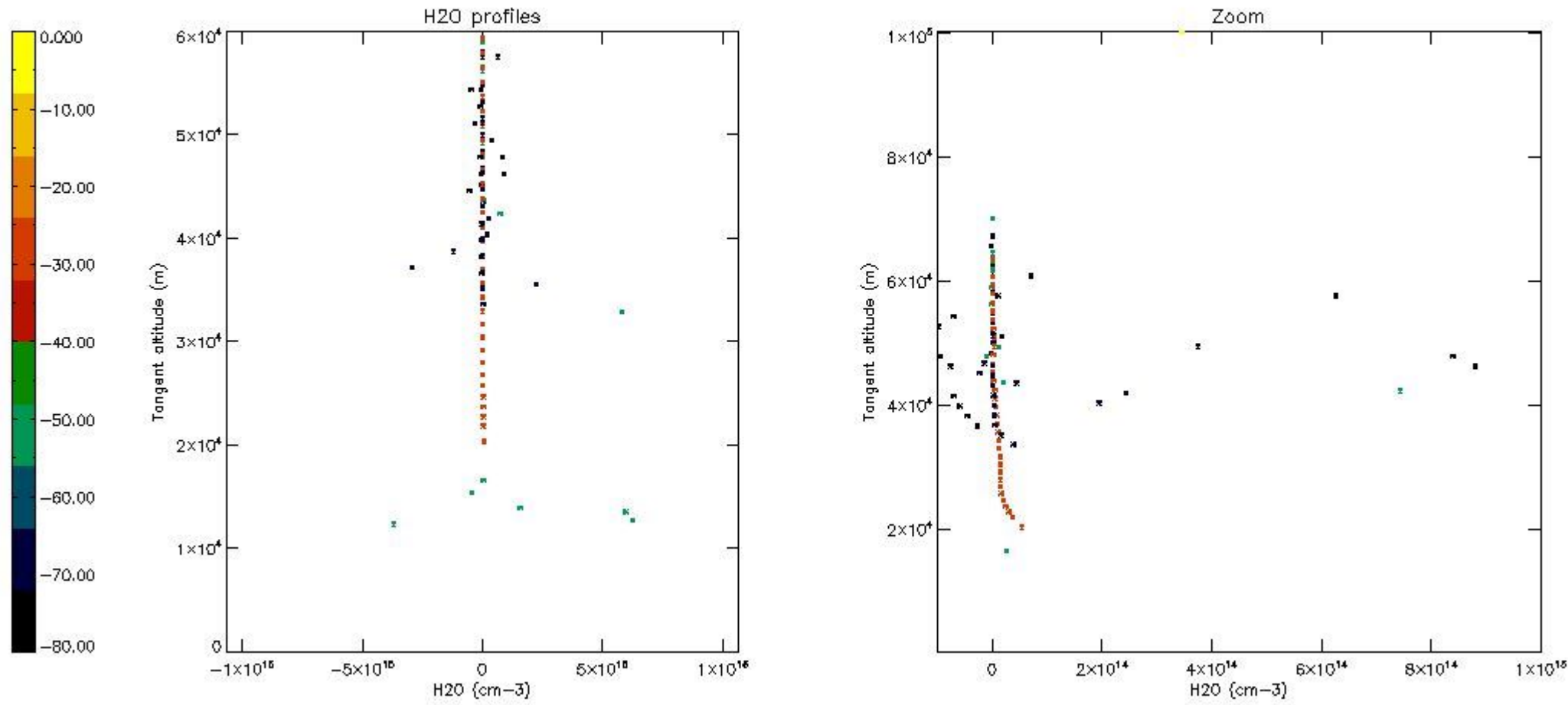
5.7 Plot NO3 profiles for all STD (dark without errors)

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	25-JUL-2006 00:04:27
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	25-JUL-2006 00:04:27
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	25-JUL-2006 00:04:27

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	24APR2013 02:26:09
Data source version	GOMOS/6.01
Start time of products	25-07-2006 (25JUL2006 00:00:00)
Stop time of products	26-07-2006 (26JUL2006 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	228
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20060725_000427_000000362049_00403_23002_0602.N1	25-JUL-2006 00:04:27	Dark	35.500	9	Alp Eri	0.45300	24000.	71	23002	No
2	GOM_NL__2PRFIN20060725_001141_000000332049_00403_23002_0603.N1	25-JUL-2006 00:11:41	Straylight	33.000	148	Alp Tuc	2.8780	4100.0	66	23002	No
3	GOM_NL__2PRFIN20060725_001330_000000532049_00403_23002_0604.N1	25-JUL-2006 00:13:30	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	23002	No
4	GOM_NL__2PRFIN20060725_001452_000000412049_00403_23002_0605.N1	25-JUL-2006 00:14:52	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	23002	No
5	GOM_NL__2PRFIN20060725_002609_000000322049_00403_23002_0606.N1	25-JUL-2006 00:26:09	Bright	31.500	155	41Pi Sgr	2.9000	6600.0	63	23002	No
6	GOM_NL__2PRFIN20060725_003503_000000342049_00403_23002_0607.N1	25-JUL-2006 00:35:03	Bright	33.500	11	53Alp Aql	0.76500	8000.0	67	23002	No
7	GOM_NL__2PRFIN20060725_004318_000000292049_00403_23002_0608.N1	25-JUL-2006 00:43:18	Bright	29.000	5	3Alp Lyr	0.033000	11000.	58	23002	No
8	GOM_NL__2PRFIN20060725_004553_000000322049_00403_23002_0609.N1	25-JUL-2006 00:45:53	Bright	32.000	144	18Del Cyg	2.8600	11000.	64	23002	No
9	GOM_NL__2PRFIN20060725_005752_000000302049_00403_23002_0610.N1	25-JUL-2006 00:57:52	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23002	No
10	GOM_NL__2PRFIN20060725_011027_000000352049_00403_23002_0611.N1	25-JUL-2006 01:10:27	Bright	35.000	6	13Alp Aur	0.080000	3400.0	70	23002	No
11	GOM_NL__2PRFIN20060725_011423_000000362049_00403_23002_0612.N1	25-JUL-2006 01:14:23	Bright	36.000	114	3Iot Aur	2.6930	4600.0	72	23002	No
12	GOM_NL__2PRFIN20060725_011944_000000442049_00403_23002_0613.N1	25-JUL-2006 01:19:44	Dark	43.500	13	87Alp Tau	0.86700	3800.0	87	23002	No
13	GOM_NL__2PRFIN20060725_012149_000000352049_00403_23002_0614.N1	25-JUL-2006 01:21:49	Dark	34.500	27	24Gam Ori	1.6360	26000.	69	23002	No
14	GOM_NL__2PRFIN20060725_012603_000000402049_00403_23002_0615.N1	25-JUL-2006 01:26:03	Dark	39.500	7	19Bet Ori	0.10000	14000.	79	23002	No
15	GOM_NL__2PRFIN20060725_012953_000000452049_00403_23002_0616.N1	25-JUL-2006 01:29:53	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	23002	No
16	GOM_NL__2PRFIN20060725_013911_000000372049_00403_23002_0617.N1	25-JUL-2006 01:39:11	Dark	36.500	157	The1Eri	2.9060	9300.0	73	23002	No
17	GOM_NL__2PRFIN20060725_014504_000000392049_00404_23003_0602.N1	25-JUL-2006 01:45:04	Dark	39.000	9	Alp Eri	0.45300	24000.	78	23003	No
18	GOM_NL__2PRFIN20060725_015218_000000362049_00404_23003_0603.N1	25-JUL-2006 01:52:18	Straylight	36.000	148	Alp Tuc	2.8780	4100.0	72	23003	No
19	GOM_NL__2PRFIN20060725_015407_000000562049_00404_23003_0604.N1	25-JUL-2006 01:54:07	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	23003	No
20	GOM_NL__2PRFIN20060725_015528_000000422049_00404_23003_0605.N1	25-JUL-2006 01:55:28	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	23003	No
21	GOM_NL__2PRFIN20060725_020645_000000322049_00404_23003_0606.N1	25-JUL-2006 02:06:45	Bright	32.000	155	41Pi Sgr	2.9000	6600.0	64	23003	No
22	GOM_NL__2PRFIN20060725_021538_000000372049_00404_23003_0607.N1	25-JUL-2006 02:15:38	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	23003	No
23	GOM_NL__2PRFIN20060725_022354_000000342049_00404_23003_0608.N1	25-JUL-2006 02:23:54	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	23003	No
24	GOM_NL__2PRFIN20060725_022629_000000342049_00404_23003_0609.N1	25-JUL-2006 02:26:29	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	23003	No
25	GOM_NL__2PRFIN20060725_023828_000000302049_00404_23003_0610.N1	25-JUL-2006 02:38:28	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23003	No
26	GOM_NL__2PRFIN20060725_025104_000000332049_00404_23003_0611.N1	25-JUL-2006 02:51:04	Bright	33.000	6	13Alp Aur	0.080000	3400.0	66	23003	No
27	GOM_NL__2PRFIN20060725_025459_000000352049_00404_23003_0612.N1	25-JUL-2006 02:54:59	Bright	34.500	114	3Iot Aur	2.6930	4600.0	69	23003	No
28	GOM_NL__2PRFIN20060725_030020_000000442049_00404_23003_0613.N1	25-JUL-2006 03:00:20	Dark	43.500	13	87Alp Tau	0.86700	3800.0	87	23003	No
29	GOM_NL__2PRFIN20060725_030225_000000352049_00404_23003_0614.N1	25-JUL-2006 03:02:25	Dark	34.500	27	24Gam Ori	1.6360	26000.	69	23003	No
30	GOM_NL__2PRFIN20060725_030639_000000312049_00404_23003_0615.N1	25-JUL-2006 03:06:39	Dark	30.500	7	19Bet Ori	0.10000	14000.	61	23003	No
31	GOM_NL__2PRFIN20060725_031029_000000452049_00404_23003_0616.N1	25-JUL-2006 03:10:29	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	23003	No
32	GOM_NL__2PRFIN20060725_031947_000000372049_00404_23003_0617.N1	25-JUL-2006 03:19:47	Dark	36.500	157	The1Eri	2.9060	9300.0	73	23003	No
33	GOM_NL__2PRFIN20060725_032541_000000392049_00405_23004_0602.N1	25-JUL-2006 03:25:41	Dark	38.500	9	Alp Eri	0.45300	24000.	77	23004	No
34	GOM_NL__2PRFIN20060725_033254_000000392049_00405_23004_0603.N1	25-JUL-2006 03:32:54	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	23004	No
35	GOM_NL__2PRFIN20060725_033444_000000452049_00405_23004_0604.N1	25-JUL-2006 03:34:44	Straylight	44.500	63	Bet Gru	2.1500	2800.0	89	23004	No
36	GOM_NL__2PRFIN20060725_033605_000000412049_00405_23004_0605.N1	25-JUL-2006 03:36:05	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	23004	No
37	GOM_NL__2PRFIN20060725_034721_000000312049_00405_23004_0606.N1	25-JUL-2006 03:47:21	Bright	31.000	155	41Pi Sgr	2.9000	6600.0	62	23004	No
38	GOM_NL__2PRFIN20060725_035614_000000332049_00405_23004_0607.N1	25-JUL-2006 03:56:14	Bright	33.000	11	53Alp Aql	0.76500	8000.0	66	23004	No
39	GOM_NL__2PRFIN20060725_040430_000000302049_00405_23004_0608.N1	25-JUL-2006 04:04:30	Bright	30.000	5	3Alp Lyr	0.033000	11000.	60	23004	No
40	GOM_NL__2PRFIN20060725_040705_000000322049_00405_23004_0609.N1	25-JUL-2006 04:07:05	Bright	31.500	144	18Del Cyg	2.8600	11000.	63	23004	No
41	GOM_NL__2PRFIN20060725_041904_000000302049_00405_23004_0610.N1	25-JUL-2006 04:19:04	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23004	No
42	GOM_NL__2PRFIN20060725_043140_000000342049_00405_23004_0611.N1	25-JUL-2006 04:31:40	Bright	34.000	6	13Alp Aur	0.080000	3400.0	68	23004	No

43	GOM_NL__2PRFIN20060725_043535_000000352049_00405_23004_0612.N1	25-JUL-2006 04:35:35	Bright	35.000	114	3lot Aur	2.6930	4600.0	70	23004	No
44	GOM_NL__2PRFIN20060725_044057_000000462049_00405_23004_0613.N1	25-JUL-2006 04:40:57	Dark	46.000	13	87Alp Tau	0.86700	3800.0	92	23004	No
45	GOM_NL__2PRFIN20060725_044301_000000312049_00405_23004_0614.N1	25-JUL-2006 04:43:01	Dark	31.000	27	24Gam Ori	1.6360	26000.	62	23004	No
46	GOM_NL__2PRFIN20060725_044716_000000292049_00405_23004_0615.N1	25-JUL-2006 04:47:16	Dark	29.000	7	19Bet Ori	0.10000	14000.	58	23004	No
47	GOM_NL__2PRFIN20060725_045106_000000452049_00405_23004_0616.N1	25-JUL-2006 04:51:06	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	23004	No
48	GOM_NL__2PRFIN20060725_050024_000000382049_00405_23004_0617.N1	25-JUL-2006 05:00:24	Dark	37.500	157	The1Eri	2.9060	9300.0	75	23004	No
49	GOM_NL__2PRFIN20060725_050617_000000362049_00406_23005_0622.N1	25-JUL-2006 05:06:17	Dark	35.500	9	Alp Eri	0.45300	24000.	71	23005	No
50	GOM_NL__2PRFIN20060725_051330_000000352049_00406_23005_0623.N1	25-JUL-2006 05:13:30	Straylight	35.000	148	Alp Tuc	2.8780	4100.0	70	23005	No
51	GOM_NL__2PRFIN20060725_051520_000000462049_00406_23005_0624.N1	25-JUL-2006 05:15:20	Straylight	45.500	63	Bet Gru	2.1500	2800.0	91	23005	No
52	GOM_NL__2PRFIN20060725_051641_000000472049_00406_23005_0625.N1	25-JUL-2006 05:16:41	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	23005	No
53	GOM_NL__2PRFIN20060725_052758_000000322049_00406_23005_0626.N1	25-JUL-2006 05:27:58	Bright	31.500	155	41Pi Sgr	2.9000	6600.0	63	23005	No
54	GOM_NL__2PRFIN20060725_053650_000000322049_00406_23005_0627.N1	25-JUL-2006 05:36:50	Bright	32.000	11	53Alp Aql	0.76500	8000.0	64	23005	No
55	GOM_NL__2PRFIN20060725_054506_000000332049_00406_23005_0628.N1	25-JUL-2006 05:45:06	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	23005	No
56	GOM_NL__2PRFIN20060725_054741_000000332049_00406_23005_0629.N1	25-JUL-2006 05:47:41	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	23005	No
57	GOM_NL__2PRFIN20060725_055940_000000292049_00406_23005_0630.N1	25-JUL-2006 05:59:40	Bright	29.000	49	1Alp UMi	1.9900	6300.0	58	23005	No
58	GOM_NL__2PRFIN20060725_061216_000000332049_00406_23005_0631.N1	25-JUL-2006 06:12:16	Bright	33.000	6	13Alp Aur	0.080000	3400.0	66	23005	No
59	GOM_NL__2PRFIN20060725_061611_000000342049_00406_23005_0632.N1	25-JUL-2006 06:16:11	Bright	33.500	114	3lot Aur	2.6930	4600.0	67	23005	No
60	GOM_NL__2PRFIN20060725_062133_000000372049_00406_23005_0633.N1	25-JUL-2006 06:21:33	Dark	36.500	13	87Alp Tau	0.86700	3800.0	73	23005	No
61	GOM_NL__2PRFIN20060725_062337_000000302049_00406_23005_0634.N1	25-JUL-2006 06:23:37	Dark	30.000	27	24Gam Ori	1.6360	26000.	60	23005	No
62	GOM_NL__2PRFIN20060725_062752_000000312049_00406_23005_0635.N1	25-JUL-2006 06:27:52	Dark	31.000	7	19Bet Ori	0.10000	14000.	62	23005	No
63	GOM_NL__2PRFIN20060725_063143_000000442049_00406_23005_0636.N1	25-JUL-2006 06:31:43	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	23005	No
64	GOM_NL__2PRFIN20060725_064101_000000402049_00406_23005_0637.N1	25-JUL-2006 06:41:01	Dark	40.000	157	The1Eri	2.9060	9300.0	80	23005	No
65	GOM_NL__2PRFIN20060725_064654_000000372049_00407_23006_0622.N1	25-JUL-2006 06:46:54	Dark	36.500	9	Alp Eri	0.45300	24000.	73	23006	No
66	GOM_NL__2PRFIN20060725_065407_000000362049_00407_23006_0623.N1	25-JUL-2006 06:54:07	Straylight	36.000	148	Alp Tuc	2.8780	4100.0	72	23006	No
67	GOM_NL__2PRFIN20060725_065557_000000562049_00407_23006_0624.N1	25-JUL-2006 06:55:57	Straylight	56.000	63	Bet Gru	2.1500	2800.0	112	23006	No
68	GOM_NL__2PRFIN20060725_065718_000000392049_00407_23006_0625.N1	25-JUL-2006 06:57:18	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	23006	No
69	GOM_NL__2PRFIN20060725_070834_000000322049_00407_23006_0626.N1	25-JUL-2006 07:08:34	Bright	32.000	155	41Pi Sgr	2.9000	6600.0	64	23006	No
70	GOM_NL__2PRFIN20060725_071726_000000342049_00407_23006_0627.N1	25-JUL-2006 07:17:26	Bright	34.000	11	53Alp Aql	0.76500	8000.0	68	23006	No
71	GOM_NL__2PRFIN20060725_072542_000000322049_00407_23006_0628.N1	25-JUL-2006 07:25:42	Bright	32.000	5	3Alp Lyr	0.033000	11000.	64	23006	No
72	GOM_NL__2PRFIN20060725_072816_000000332049_00407_23006_0629.N1	25-JUL-2006 07:28:16	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	23006	No
73	GOM_NL__2PRFIN20060725_074016_000000282049_00407_23006_0630.N1	25-JUL-2006 07:40:16	Bright	27.500	49	1Alp UMi	1.9900	6300.0	55	23006	No
74	GOM_NL__2PRFIN20060725_075252_000000332049_00407_23006_0631.N1	25-JUL-2006 07:52:52	Bright	33.000	6	13Alp Aur	0.080000	3400.0	66	23006	No
75	GOM_NL__2PRFIN20060725_075647_000000352049_00407_23006_0632.N1	25-JUL-2006 07:56:47	Bright	34.500	114	3lot Aur	2.6930	4600.0	69	23006	No
76	GOM_NL__2PRFIN20060725_080209_000000332049_00407_23006_0633.N1	25-JUL-2006 08:02:09	Dark	32.500	13	87Alp Tau	0.86700	3800.0	65	23006	No
77	GOM_NL__2PRFIN20060725_080413_000000292049_00407_23006_0634.N1	25-JUL-2006 08:04:13	Dark	29.000	27	24Gam Ori	1.6360	26000.	58	23006	No
78	GOM_NL__2PRFIN20060725_080828_000000402049_00407_23006_0635.N1	25-JUL-2006 08:08:28	Dark	39.500	7	19Bet Ori	0.10000	14000.	79	23006	No
79	GOM_NL__2PRFIN20060725_081220_000000422049_00407_23006_0636.N1	25-JUL-2006 08:12:20	Dark	42.000	165	34Gam Eri	2.9500	3200.0	84	23006	No
80	GOM_NL__2PRFIN20060725_082138_000000392049_00407_23006_0637.N1	25-JUL-2006 08:21:38	Dark	39.000	157	The1Eri	2.9060	9300.0	78	23006	No
81	GOM_NL__2PRFIN20060725_082731_000000472049_00408_23007_0697.N1	25-JUL-2006 08:27:31	Dark	47.000	9	Alp Eri	0.45300	24000.	94	23007	No
82	GOM_NL__2PRFIN20060725_083443_000000332049_00408_23007_0698.N1	25-JUL-2006 08:34:43	Straylight	33.000	148	Alp Tuc	2.8780	4100.0	66	23007	No
83	GOM_NL__2PRFIN20060725_083634_000000472049_00408_23007_0699.N1	25-JUL-2006 08:36:34	Straylight	47.000	63	Bet Gru	2.1500	2800.0	94	23007	No
84	GOM_NL__2PRFIN20060725_083755_000000452049_00408_23007_0700.N1	25-JUL-2006 08:37:55	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	23007	No
85	GOM_NL__2PRFIN20060725_084910_000000322049_00408_23007_0701.N1	25-JUL-2006 08:49:10	Bright	31.500	155	41Pi Sgr	2.9000	6600.0	63	23007	No
86	GOM_NL__2PRFIN20060725_085801_000000372049_00408_23007_0702.N1	25-JUL-2006 08:58:01	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	23007	No
87	GOM_NL__2PRFIN20060725_090618_000000332049_00408_23007_0703.N1	25-JUL-2006 09:06:18	Bright	33.000	5	3Alp Lyr	0.033000	11000.	66	23007	No
88	GOM_NL__2PRFIN20060725_090852_000000342049_00408_23007_0704.N1	25-JUL-2006 09:08:52	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	23007	No
89	GOM_NL__2PRFIN20060725_092052_000000302049_00408_23007_0705.N1	25-JUL-2006 09:20:52	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23007	No
90	GOM_NL__2PRFIN20060725_093328_000000342049_00408_23007_0706.N1	25-JUL-2006 09:33:28	Bright	34.000	6	13Alp Aur	0.080000	3400.0	68	23007	No
91	GOM_NL__2PRFIN20060725_093724_000000332049_00408_23007_0707.N1	25-JUL-2006 09:37:24	Bright	33.000	114	3lot Aur	2.6930	4600.0	66	23007	No
92	GOM_NL__2PRFIN20060725_094246_000000432049_00408_23007_0708.N1	25-JUL-2006 09:42:46	Dark	42.500	13	87Alp Tau	0.86700	3800.0	85	23007	No
93	GOM_NL__2PRFIN20060725_094450_000000292049_00408_23007_0709.N1	25-JUL-2006 09:44:50	Dark	29.000	27	24Gam Ori	1.6360	26000.	58	23007	No
94	GOM_NL__2PRFIN20060725_094905_000000362049_00408_23007_0710.N1	25-JUL-2006 09:49:05	Dark	36.000	7	19Bet Ori	0.10000	14000.	72	23007	No
95	GOM_NL__2PRFIN20060725_095256_000000452049_00408_23007_0711.N1	25-JUL-2006 09:52:56	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	23007	No
96	GOM_NL__2PRFIN20060725_100214_000000362049_00408_23007_0712.N1	25-JUL-2006 10:02:14	Dark	35.500	157	The1Eri	2.9060	9300.0	71	23007	No
97	GOM_NL__2PRFIN20060725_100807_000000392049_00409_23008_0622.N1	25-JUL-2006 10:08:07	Dark	38.500	9	Alp Eri	0.45300	24000.	77	23008	No
98	GOM_NL__2PRFIN20060725_101520_000000362049_00409_23008_0623.N1	25-JUL-2006 10:15:20	Straylight	35.500	148	Alp Tuc	2.8780	4100.0	71	23008	No
99	GOM_NL__2PRFIN20060725_101710_000000482049_00409_23008_0624.N1	25-JUL-2006 10:17:10	Straylight	47.500	63	Bet Gru	2.1500	2800.0	95	23008	No
100	GOM_NL__2PRFIN20060725_101831_000000422049_00409_23008_0625.N1	25-JUL-2006 10:18:31	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	23008	No
101	GOM_NL__2PRFIN20060725_102946_000000322049_00409_23008_0626.N1	25-JUL-2006 10:29:46	Bright	32.000	155	41Pi Sgr	2.9000	6600.0	64	23008	No

102	GOM_NL__2PRFIN20060725_103837_000000342049_00409_23008_0627.N1	25-JUL-2006 10:38:37	Bright	33.500	11	53Alp Aql	0.76500	8000.0	67	23008	No
103	GOM_NL__2PRFIN20060725_104654_000000342049_00409_23008_0628.N1	25-JUL-2006 10:46:54	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	23008	No
104	GOM_NL__2PRFIN20060725_104927_000000332049_00409_23008_0629.N1	25-JUL-2006 10:49:27	Bright	32.500	144	18Del Cyg	2.8600	11000.	65	23008	No
105	GOM_NL__2PRFIN20060725_110128_000000302049_00409_23008_0630.N1	25-JUL-2006 11:01:28	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23008	No
106	GOM_NL__2PRFIN20060725_111403_000000362049_00409_23008_0631.N1	25-JUL-2006 11:14:03	Bright	35.500	6	13Alp Aur	0.080000	3400.0	71	23008	No
107	GOM_NL__2PRFIN20060725_111800_000000492049_00409_23008_0632.N1	25-JUL-2006 11:18:00	Bright	49.000	114	3Iot Aur	2.6930	4600.0	98	23008	No
108	GOM_NL__2PRFIN20060725_112322_000000472049_00409_23008_0633.N1	25-JUL-2006 11:23:22	Dark	47.000	13	87Alp Tau	0.86700	3800.0	94	23008	No
109	GOM_NL__2PRFIN20060725_112526_000000362049_00409_23008_0634.N1	25-JUL-2006 11:25:26	Dark	36.000	27	24Gam Ori	1.6360	26000.	72	23008	No
110	GOM_NL__2PRFIN20060725_112941_000000382049_00409_23008_0635.N1	25-JUL-2006 11:29:41	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	23008	No
111	GOM_NL__2PRFIN20060725_113333_000000492049_00409_23008_0636.N1	25-JUL-2006 11:33:33	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	23008	No
112	GOM_NL__2PRFIN20060725_114251_000000372049_00409_23008_0637.N1	25-JUL-2006 11:42:51	Dark	36.500	157	The1Eri	2.9060	9300.0	73	23008	No
113	GOM_NL__2PRFIN20060725_114843_000000362049_00410_23009_0622.N1	25-JUL-2006 11:48:43	Dark	36.000	9	Alp Eri	0.45300	24000.	72	23009	No
114	GOM_NL__2PRFIN20060725_115556_000000442049_00410_23009_0623.N1	25-JUL-2006 11:55:56	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	23009	No
115	GOM_NL__2PRFIN20060725_115747_000000442049_00410_23009_0624.N1	25-JUL-2006 11:57:47	Straylight	44.000	63	Bet Gru	2.1500	2800.0	88	23009	No
116	GOM_NL__2PRFIN20060725_115907_000000402049_00410_23009_0625.N1	25-JUL-2006 11:59:07	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	23009	No
117	GOM_NL__2PRFIN20060725_121022_000000312049_00410_23009_0626.N1	25-JUL-2006 12:10:22	Bright	30.500	155	41Pi Sgr	2.9000	6600.0	61	23009	No
118	GOM_NL__2PRFIN20060725_121913_000000322049_00410_23009_0627.N1	25-JUL-2006 12:19:13	Bright	32.000	11	53Alp Aql	0.76500	8000.0	64	23009	No
119	GOM_NL__2PRFIN20060725_122730_000000302049_00410_23009_0628.N1	25-JUL-2006 12:27:30	Bright	30.000	5	3Alp Lyr	0.033000	11000.	60	23009	No
120	GOM_NL__2PRFIN20060725_123003_000000322049_00410_23009_0629.N1	25-JUL-2006 12:30:03	Bright	32.000	144	18Del Cyg	2.8600	11000.	64	23009	No
121	GOM_NL__2PRFIN20060725_124204_000000292049_00410_23009_0630.N1	25-JUL-2006 12:42:04	Bright	29.000	49	1Alp UMi	1.9900	6300.0	58	23009	No
122	GOM_NL__2PRFIN20060725_125439_000000332049_00410_23009_0631.N1	25-JUL-2006 12:54:39	Bright	32.500	6	13Alp Aur	0.080000	3400.0	65	23009	No
123	GOM_NL__2PRFIN20060725_125836_000000352049_00410_23009_0632.N1	25-JUL-2006 12:58:36	Bright	34.500	114	3Iot Aur	2.6930	4600.0	69	23009	No
124	GOM_NL__2PRFIN20060725_130358_000000492049_00410_23009_0633.N1	25-JUL-2006 13:03:58	Dark	49.000	13	87Alp Tau	0.86700	3800.0	98	23009	No
125	GOM_NL__2PRFIN20060725_130602_000000352049_00410_23009_0634.N1	25-JUL-2006 13:06:02	Dark	35.000	27	24Gam Ori	1.6360	26000.	70	23009	No
126	GOM_NL__2PRFIN20060725_131017_000000372049_00410_23009_0635.N1	25-JUL-2006 13:10:17	Dark	36.500	7	19Bet Ori	0.10000	14000.	73	23009	No
127	GOM_NL__2PRFIN20060725_131409_000000432049_00410_23009_0636.N1	25-JUL-2006 13:14:09	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	23009	No
128	GOM_NL__2PRFIN20060725_132328_000000362049_00410_23009_0637.N1	25-JUL-2006 13:23:28	Dark	36.000	157	The1Eri	2.9060	9300.0	72	23009	No
129	GOM_NL__2PRFIN20060725_132920_000000402049_00411_23010_0622.N1	25-JUL-2006 13:29:20	Dark	40.000	9	Alp Eri	0.45300	24000.	80	23010	No
130	GOM_NL__2PRFIN20060725_133632_000000342049_00411_23010_0623.N1	25-JUL-2006 13:36:32	Straylight	34.000	148	Alp Tuc	2.8780	4100.0	68	23010	No
131	GOM_NL__2PRFIN20060725_133823_000000452049_00411_23010_0624.N1	25-JUL-2006 13:38:23	Straylight	44.500	63	Bet Gru	2.1500	2800.0	89	23010	No
132	GOM_NL__2PRFIN20060725_133944_000000402049_00411_23010_0625.N1	25-JUL-2006 13:39:44	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	23010	No
133	GOM_NL__2PRFIN20060725_135058_000000332049_00411_23010_0626.N1	25-JUL-2006 13:50:58	Bright	32.500	155	41Pi Sgr	2.9000	6600.0	65	23010	No
134	GOM_NL__2PRFIN20060725_135948_000000332049_00411_23010_0627.N1	25-JUL-2006 13:59:48	Bright	33.000	11	53Alp Aql	0.76500	8000.0	66	23010	No
135	GOM_NL__2PRFIN20060725_140805_000000342049_00411_23010_0628.N1	25-JUL-2006 14:08:05	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	23010	No
136	GOM_NL__2PRFIN20060725_141039_000000322049_00411_23010_0629.N1	25-JUL-2006 14:10:39	Bright	32.000	144	18Del Cyg	2.8600	11000.	64	23010	No
137	GOM_NL__2PRFIN20060725_143515_000000322049_00411_23010_0630.N1	25-JUL-2006 14:35:15	Bright	32.000	6	13Alp Aur	0.080000	3400.0	64	23010	No
138	GOM_NL__2PRFIN20060725_143912_000000352049_00411_23010_0631.N1	25-JUL-2006 14:39:12	Bright	34.500	114	3Iot Aur	2.6930	4600.0	69	23010	No
139	GOM_NL__2PRFIN20060725_144434_000000432049_00411_23010_0632.N1	25-JUL-2006 14:44:34	Dark	42.500	13	87Alp Tau	0.86700	3800.0	85	23010	No
140	GOM_NL__2PRFIN20060725_144638_000000342049_00411_23010_0633.N1	25-JUL-2006 14:46:38	Dark	34.000	27	24Gam Ori	1.6360	26000.	68	23010	No
141	GOM_NL__2PRFIN20060725_145053_000000312049_00411_23010_0634.N1	25-JUL-2006 14:50:53	Dark	31.000	7	19Bet Ori	0.10000	14000.	62	23010	No
142	GOM_NL__2PRFIN20060725_145446_000000432049_00411_23010_0635.N1	25-JUL-2006 14:54:46	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	23010	No
143	GOM_NL__2PRFIN20060725_150404_000000372049_00411_23010_0636.N1	25-JUL-2006 15:04:04	Dark	37.000	157	The1Eri	2.9060	9300.0	74	23010	No
144	GOM_NL__2PRFIN20060725_150957_000000362049_00412_23011_0622.N1	25-JUL-2006 15:09:57	Dark	35.500	9	Alp Eri	0.45300	24000.	71	23011	No
145	GOM_NL__2PRFIN20060725_151709_000000352049_00412_23011_0623.N1	25-JUL-2006 15:17:09	Straylight	35.000	148	Alp Tuc	2.8780	4100.0	70	23011	No
146	GOM_NL__2PRFIN20060725_151900_000000442049_00412_23011_0624.N1	25-JUL-2006 15:19:00	Straylight	43.500	63	Bet Gru	2.1500	2800.0	87	23011	No
147	GOM_NL__2PRFIN20060725_152021_000000382049_00412_23011_0625.N1	25-JUL-2006 15:20:21	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	23011	No
148	GOM_NL__2PRFIN20060725_153134_000000322049_00412_23011_0626.N1	25-JUL-2006 15:31:34	Bright	31.500	155	41Pi Sgr	2.9000	6600.0	63	23011	No
149	GOM_NL__2PRFIN20060725_154024_000000342049_00412_23011_0627.N1	25-JUL-2006 15:40:24	Bright	33.500	11	53Alp Aql	0.76500	8000.0	67	23011	No
150	GOM_NL__2PRFIN20060725_154841_000000332049_00412_23011_0628.N1	25-JUL-2006 15:48:41	Bright	32.500	5	3Alp Lyr	0.033000	11000.	65	23011	No
151	GOM_NL__2PRFIN20060725_155114_000000322049_00412_23011_0629.N1	25-JUL-2006 15:51:14	Bright	31.500	144	18Del Cyg	2.8600	11000.	63	23011	No
152	GOM_NL__2PRFIN20060725_160316_000000302049_00412_23011_0630.N1	25-JUL-2006 16:03:16	Bright	30.000	49	1Alp UMi	1.9900	6300.0	60	23011	No
153	GOM_NL__2PRFIN20060725_161551_000000332049_00412_23011_0631.N1	25-JUL-2006 16:15:51	Bright	32.500	6	13Alp Aur	0.080000	3400.0	65	23011	No
154	GOM_NL__2PRFIN20060725_161948_000000352049_00412_23011_0632.N1	25-JUL-2006 16:19:48	Bright	35.000	114	3Iot Aur	2.6930	4600.0	70	23011	No
155	GOM_NL__2PRFIN20060725_162511_000000442049_00412_23011_0633.N1	25-JUL-2006 16:25:11	Dark	43.500	13	87Alp Tau	0.86700	3800.0	87	23011	No
156	GOM_NL__2PRFIN20060725_162715_000000352049_00412_23011_0634.N1	25-JUL-2006 16:27:15	Dark	34.500	27	24Gam Ori	1.6360	26000.	69	23011	No
157	GOM_NL__2PRFIN20060725_163130_000000332049_00412_23011_0635.N1	25-JUL-2006 16:31:30	Dark	32.500	7	19Bet Ori	0.10000	14000.	65	23011	No
158	GOM_NL__2PRFIN20060725_163523_000000452049_00412_23011_0636.N1	25-JUL-2006 16:35:23	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	23011	No
159	GOM_NL__2PRFIN20060725_164441_000000372049_00412_23011_0637.N1	25-JUL-2006 16:44:41	Dark	37.000	157	The1Eri	2.9060	9300.0	74	23011	No
160	GOM_NL__2PRFIN20060725_165033_000000352049_00413_23012_0622.N1	25-JUL-2006 16:50:33	Dark	34.500	9	Alp Eri	0.45300	24000.	69	23012	No

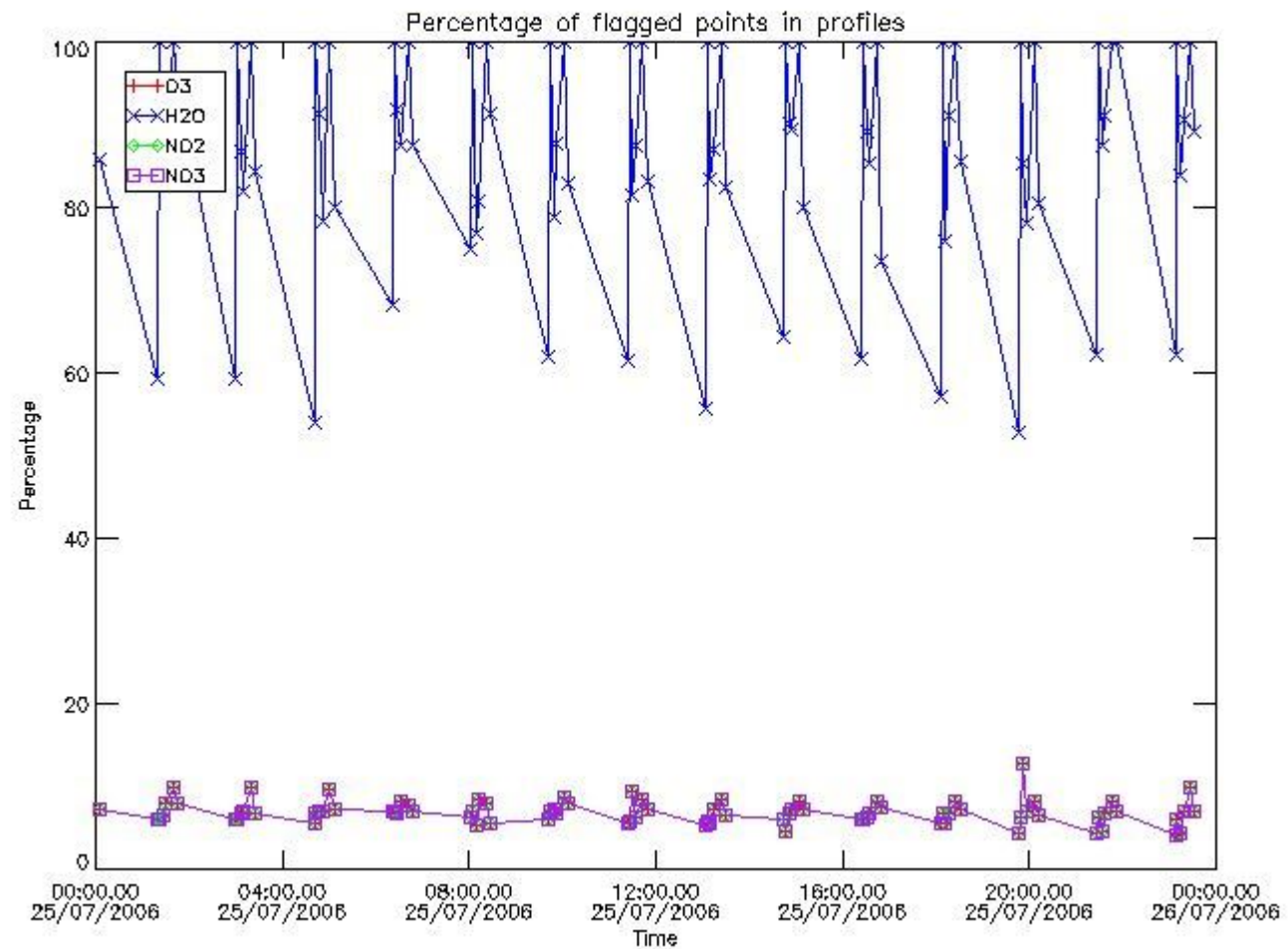
161	GOM_NL__2PRFIN20060725_165745_000000352049_00413_23012_0623.N1	25-JUL-2006 16:57:45	Straylight	34.500	148	Alp Tuc	2.8780	4100.0	69	23012	No
162	GOM_NL__2PRFIN20060725_165937_000000452049_00413_23012_0624.N1	25-JUL-2006 16:59:37	Straylight	45.000	63	Bet Gru	2.1500	2800.0	90	23012	No
163	GOM_NL__2PRFIN20060725_170057_000000452049_00413_23012_0625.N1	25-JUL-2006 17:00:57	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	23012	No
164	GOM_NL__2PRFIN20060725_171210_000000322049_00413_23012_0626.N1	25-JUL-2006 17:12:10	Bright	31.500	155	41Pi Sgr	2.9000	6600.0	63	23012	No
165	GOM_NL__2PRFIN20060725_172100_000000332049_00413_23012_0627.N1	25-JUL-2006 17:21:00	Bright	33.000	11	53Alp Aql	0.76500	8000.0	66	23012	No
166	GOM_NL__2PRFIN20060725_172917_000000312049_00413_23012_0628.N1	25-JUL-2006 17:29:17	Bright	30.500	5	3Alp Lyr	0.033000	11000.	61	23012	No
167	GOM_NL__2PRFIN20060725_173150_000000332049_00413_23012_0629.N1	25-JUL-2006 17:31:50	Bright	32.500	144	18Del Cyg	2.8600	11000.	65	23012	No
168	GOM_NL__2PRFIN20060725_174352_000000312049_00413_23012_0630.N1	25-JUL-2006 17:43:52	Bright	30.500	49	1Alp UMi	1.9900	6300.0	61	23012	No
169	GOM_NL__2PRFIN20060725_175627_000000322049_00413_23012_0631.N1	25-JUL-2006 17:56:27	Bright	32.000	6	13Alp Aur	0.080000	3400.0	64	23012	No
170	GOM_NL__2PRFIN20060725_180024_000000362049_00413_23012_0632.N1	25-JUL-2006 18:00:24	Bright	35.500	114	3lot Aur	2.6930	4600.0	71	23012	No
171	GOM_NL__2PRFIN20060725_180547_000000462049_00413_23012_0633.N1	25-JUL-2006 18:05:47	Dark	46.000	13	87Alp Tau	0.86700	3800.0	92	23012	No
172	GOM_NL__2PRFIN20060725_180751_000000312049_00413_23012_0634.N1	25-JUL-2006 18:07:51	Dark	30.500	27	24Gam Ori	1.6360	26000.	61	23012	No
173	GOM_NL__2PRFIN20060725_181206_000000382049_00413_23012_0635.N1	25-JUL-2006 18:12:06	Dark	38.000	7	19Bet Ori	0.10000	14000.	76	23012	No
174	GOM_NL__2PRFIN20060725_181600_000000462049_00413_23012_0636.N1	25-JUL-2006 18:16:00	Dark	45.500	165	34Gam Eri	2.9500	3200.0	91	23012	No
175	GOM_NL__2PRFIN20060725_182518_000000382049_00413_23012_0637.N1	25-JUL-2006 18:25:18	Dark	37.500	157	The1Eri	2.9060	9300.0	75	23012	No
176	GOM_NL__2PRFIN20060725_183110_000000352049_00414_23013_0622.N1	25-JUL-2006 18:31:10	Dark	35.000	9	Alp Eri	0.45300	24000.	70	23013	No
177	GOM_NL__2PRFIN20060725_183822_000000422049_00414_23013_0623.N1	25-JUL-2006 18:38:22	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	23013	No
178	GOM_NL__2PRFIN20060725_184013_000000412049_00414_23013_0624.N1	25-JUL-2006 18:40:13	Straylight	41.000	63	Bet Gru	2.1500	2800.0	82	23013	No
179	GOM_NL__2PRFIN20060725_184134_000000412049_00414_23013_0625.N1	25-JUL-2006 18:41:34	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	23013	No
180	GOM_NL__2PRFIN20060725_185246_000000322049_00414_23013_0626.N1	25-JUL-2006 18:52:46	Bright	32.000	155	41Pi Sgr	2.9000	6600.0	64	23013	No
181	GOM_NL__2PRFIN20060725_190136_000000352049_00414_23013_0627.N1	25-JUL-2006 19:01:36	Bright	34.500	11	53Alp Aql	0.76500	8000.0	69	23013	No
182	GOM_NL__2PRFIN20060725_190953_000000292049_00414_23013_0628.N1	25-JUL-2006 19:09:53	Bright	29.000	5	3Alp Lyr	0.033000	11000.	58	23013	No
183	GOM_NL__2PRFIN20060725_191225_000000332049_00414_23013_0629.N1	25-JUL-2006 19:12:25	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	23013	No
184	GOM_NL__2PRFIN20060725_192428_000000472049_00414_23013_0630.N1	25-JUL-2006 19:24:28	Bright	47.000	49	1Alp UMi	1.9900	6300.0	94	23013	No
185	GOM_NL__2PRFIN20060725_193703_000000342049_00414_23013_0631.N1	25-JUL-2006 19:37:03	Bright	34.000	6	13Alp Aur	0.080000	3400.0	68	23013	No
186	GOM_NL__2PRFIN20060725_194100_000000502049_00414_23013_0632.N1	25-JUL-2006 19:41:00	Bright	50.000	114	3lot Aur	2.6930	4600.0	100	23013	No
187	GOM_NL__2PRFIN20060725_194623_000000472049_00414_23013_0633.N1	25-JUL-2006 19:46:23	Dark	47.000	13	87Alp Tau	0.86700	3800.0	94	23013	No
188	GOM_NL__2PRFIN20060725_194827_000000332049_00414_23013_0634.N1	25-JUL-2006 19:48:27	Dark	32.500	27	24Gam Ori	1.6360	26000.	65	23013	No
189	GOM_NL__2PRFIN20060725_195242_000000482049_00414_23013_0635.N1	25-JUL-2006 19:52:42	Dark	48.000	7	19Bet Ori	0.10000	14000.	96	23013	No
190	GOM_NL__2PRFIN20060725_195636_000000442049_00414_23013_0636.N1	25-JUL-2006 19:56:36	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	23013	No
191	GOM_NL__2PRFIN20060725_200555_000000372049_00414_23013_0637.N1	25-JUL-2006 20:05:55	Dark	37.000	157	The1Eri	2.9060	9300.0	74	23013	No
192	GOM_NL__2PRFIN20060725_201147_000000392049_00415_23014_0622.N1	25-JUL-2006 20:11:47	Dark	39.000	9	Alp Eri	0.45300	24000.	78	23014	No
193	GOM_NL__2PRFIN20060725_201858_000000342049_00415_23014_0623.N1	25-JUL-2006 20:18:58	Straylight	33.500	148	Alp Tuc	2.8780	4100.0	67	23014	No
194	GOM_NL__2PRFIN20060725_202050_000000532049_00415_23014_0624.N1	25-JUL-2006 20:20:50	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	23014	No
195	GOM_NL__2PRFIN20060725_202210_000000382049_00415_23014_0625.N1	25-JUL-2006 20:22:10	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	23014	No
196	GOM_NL__2PRFIN20060725_203323_000000312049_00415_23014_0626.N1	25-JUL-2006 20:33:23	Bright	31.000	155	41Pi Sgr	2.9000	6600.0	62	23014	No
197	GOM_NL__2PRFIN20060725_204212_000000342049_00415_23014_0627.N1	25-JUL-2006 20:42:12	Bright	34.000	11	53Alp Aql	0.76500	8000.0	68	23014	No
198	GOM_NL__2PRFIN20060725_205029_000000322049_00415_23014_0628.N1	25-JUL-2006 20:50:29	Bright	31.500	5	3Alp Lyr	0.033000	11000.	63	23014	No
199	GOM_NL__2PRFIN20060725_205301_000000302049_00415_23014_0629.N1	25-JUL-2006 20:53:01	Bright	30.000	144	18Del Cyg	2.8600	11000.	60	23014	No
200	GOM_NL__2PRFIN20060725_210504_000000302049_00415_23014_0630.N1	25-JUL-2006 21:05:04	Bright	29.500	49	1Alp UMi	1.9900	6300.0	59	23014	No
201	GOM_NL__2PRFIN20060725_211739_000000482049_00415_23014_0631.N1	25-JUL-2006 21:17:39	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	23014	No
202	GOM_NL__2PRFIN20060725_212136_000000342049_00415_23014_0632.N1	25-JUL-2006 21:21:36	Bright	34.000	114	3lot Aur	2.6930	4600.0	68	23014	No
203	GOM_NL__2PRFIN20060725_212659_000000482049_00415_23014_0633.N1	25-JUL-2006 21:26:59	Dark	48.000	13	87Alp Tau	0.86700	3800.0	96	23014	No
204	GOM_NL__2PRFIN20060725_212903_000000342049_00415_23014_0634.N1	25-JUL-2006 21:29:03	Dark	33.500	27	24Gam Ori	1.6360	26000.	67	23014	No
205	GOM_NL__2PRFIN20060725_213318_000000442049_00415_23014_0635.N1	25-JUL-2006 21:33:18	Dark	43.500	7	19Bet Ori	0.10000	14000.	87	23014	No
206	GOM_NL__2PRFIN20060725_213713_000000452049_00415_23014_0636.N1	25-JUL-2006 21:37:13	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	23014	No
207	GOM_NL__2PRFIN20060725_214632_000000382049_00415_23014_0637.N1	25-JUL-2006 21:46:32	Dark	38.000	157	The1Eri	2.9060	9300.0	76	23014	No
208	GOM_NL__2PRFIN20060725_215223_000000372049_00416_23015_0642.N1	25-JUL-2006 21:52:23	Dark	36.500	9	Alp Eri	0.45300	24000.	73	23015	No
209	GOM_NL__2PRFIN20060725_215934_000000362049_00416_23015_0643.N1	25-JUL-2006 21:59:34	Straylight	35.500	148	Alp Tuc	2.8780	4100.0	71	23015	No
210	GOM_NL__2PRFIN20060725_220127_000000532049_00416_23015_0644.N1	25-JUL-2006 22:01:27	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	23015	No
211	GOM_NL__2PRFIN20060725_220247_000000382049_00416_23015_0645.N1	25-JUL-2006 22:02:47	Straylight	37.500	31	Alp Gru	1.7340	15200.	75	23015	No
212	GOM_NL__2PRFIN20060725_221358_000000332049_00416_23015_0646.N1	25-JUL-2006 22:13:58	Bright	32.500	155	41Pi Sgr	2.9000	6600.0	65	23015	No
213	GOM_NL__2PRFIN20060725_222247_000000342049_00416_23015_0647.N1	25-JUL-2006 22:22:47	Bright	33.500	11	53Alp Aql	0.76500	8000.0	67	23015	No
214	GOM_NL__2PRFIN20060725_223105_000000302049_00416_23015_0648.N1	25-JUL-2006 22:31:05	Bright	30.000	5	3Alp Lyr	0.033000	11000.	60	23015	No
215	GOM_NL__2PRFIN20060725_223337_000000312049_00416_23015_0649.N1	25-JUL-2006 22:33:37	Bright	30.500	144	18Del Cyg	2.8600	11000.	61	23015	No
216	GOM_NL__2PRFIN20060725_224539_000000292049_00416_23015_0650.N1	25-JUL-2006 22:45:39	Bright	28.500	49	1Alp UMi	1.9900	6300.0	57	23015	No
217	GOM_NL__2PRFIN20060725_225815_000000482049_00416_23015_0651.N1	25-JUL-2006 22:58:15	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	23015	No
218	GOM_NL__2PRFIN20060725_230212_000000352049_00416_23015_0652.N1	25-JUL-2006 23:02:12	Bright	35.000	114	3lot Aur	2.6930	4600.0	70	23015	No
219	GOM_NL__2PRFIN20060725_230736_000000522049_00416_23015_0653.N1	25-JUL-2006 23:07:36	Dark	52.000	13	87Alp Tau	0.86700	3800.0	104	23015	No

220	GOM_NL__2PRFIN20060725_230939_000000352049_00416_23015_0654.N1	25-JUL-2006 23:09:39	Dark	34.500	27	24Gam Ori	1.6360	26000.	69	23015	No
221	GOM_NL__2PRFIN20060725_231355_000000472049_00416_23015_0655.N1	25-JUL-2006 23:13:55	Dark	47.000	7	19Bet Ori	0.10000	14000.	94	23015	No
222	GOM_NL__2PRFIN20060725_231750_000000442049_00416_23015_0656.N1	25-JUL-2006 23:17:50	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	23015	No
223	GOM_NL__2PRFIN20060725_232708_000000362049_00416_23015_0657.N1	25-JUL-2006 23:27:08	Dark	36.000	157	The1Eri	2.9060	9300.0	72	23015	No
224	GOM_NL__2PRFIN20060725_233300_000000372049_00417_23016_0642.N1	25-JUL-2006 23:33:00	Dark	37.000	9	Alp Eri	0.45300	24000.	74	23016	No
225	GOM_NL__2PRFIN20060725_234011_000000352049_00417_23016_0643.N1	25-JUL-2006 23:40:11	Straylight	35.000	148	Alp Tuc	2.8780	4100.0	70	23016	No
226	GOM_NL__2PRFIN20060725_234203_000000542049_00417_23016_0644.N1	25-JUL-2006 23:42:03	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	23016	No
227	GOM_NL__2PRFIN20060725_234323_000000392049_00417_23016_0645.N1	25-JUL-2006 23:43:23	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	23016	No
228	GOM_NL__2PRFIN20060725_235435_000000322049_00417_23016_0646.N1	25-JUL-2006 23:54:35	Bright	31.500	155	41Pi Sgr	2.9000	6600.0	63	23016	No

3. Quality information per product

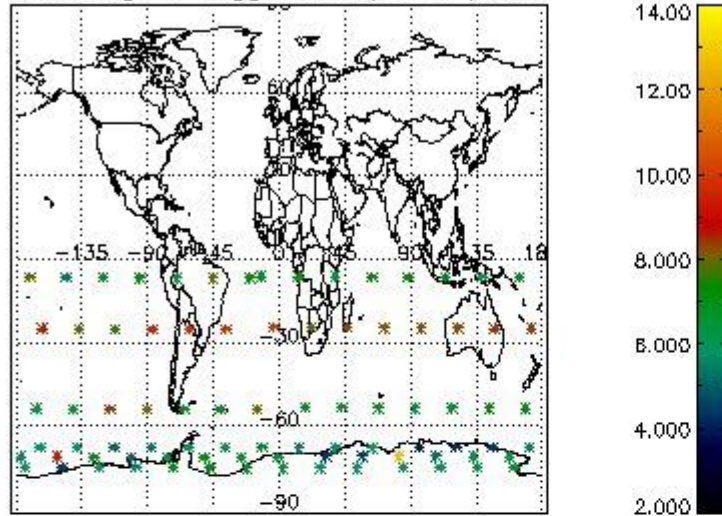
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

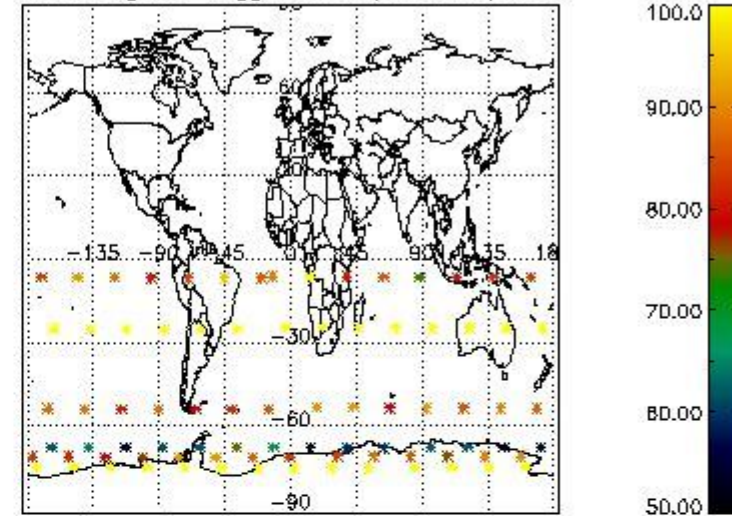


3.2 Plot quality information per product (world map)

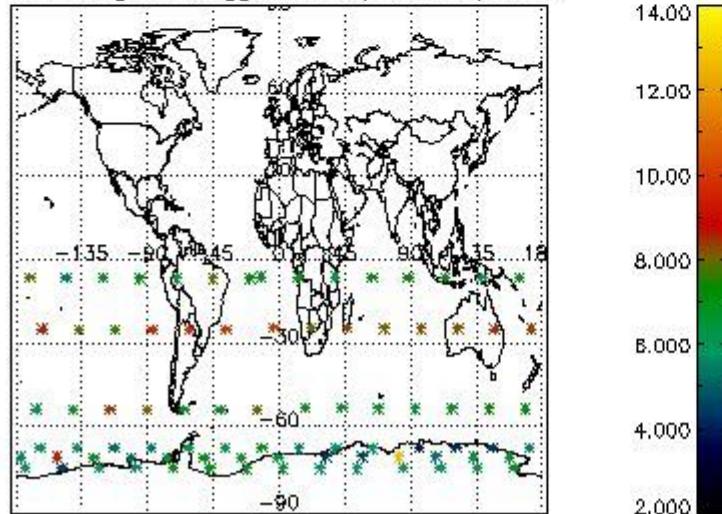
Percentage of flagged data per O3 profile



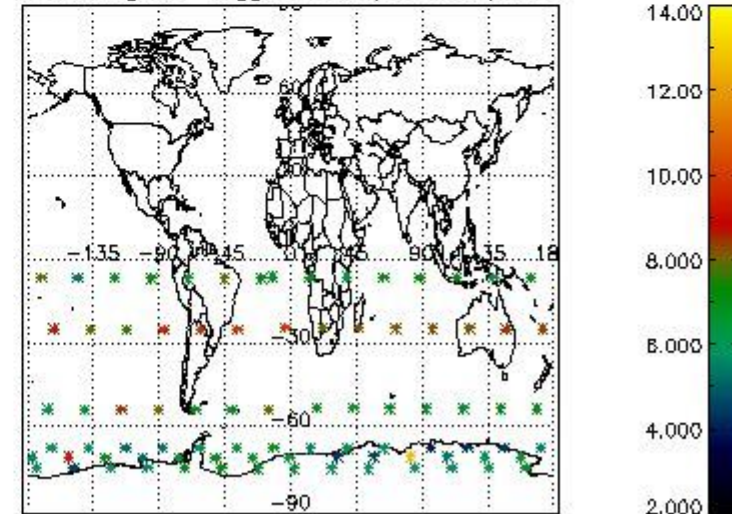
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

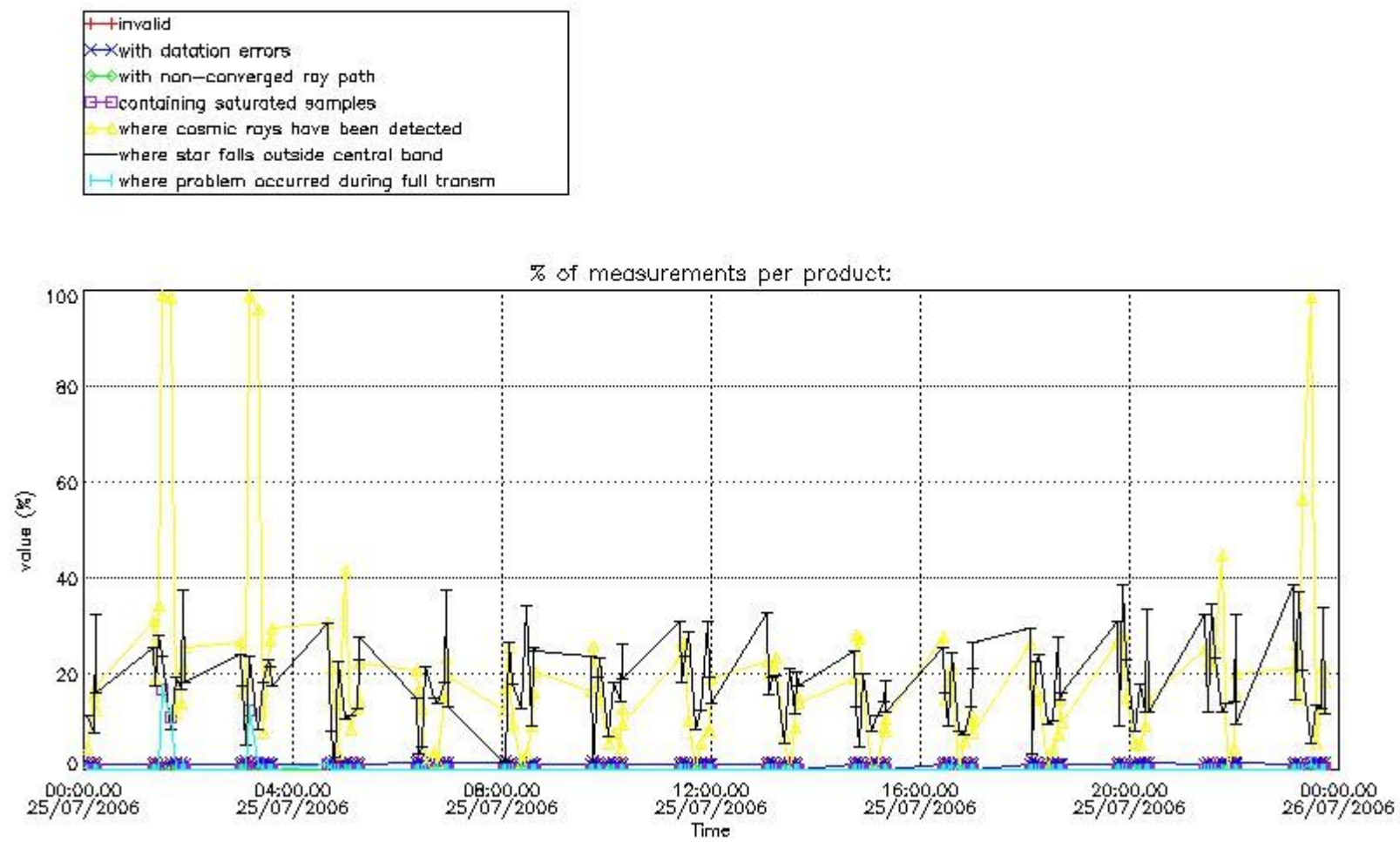


4. Level 1 quality information per product

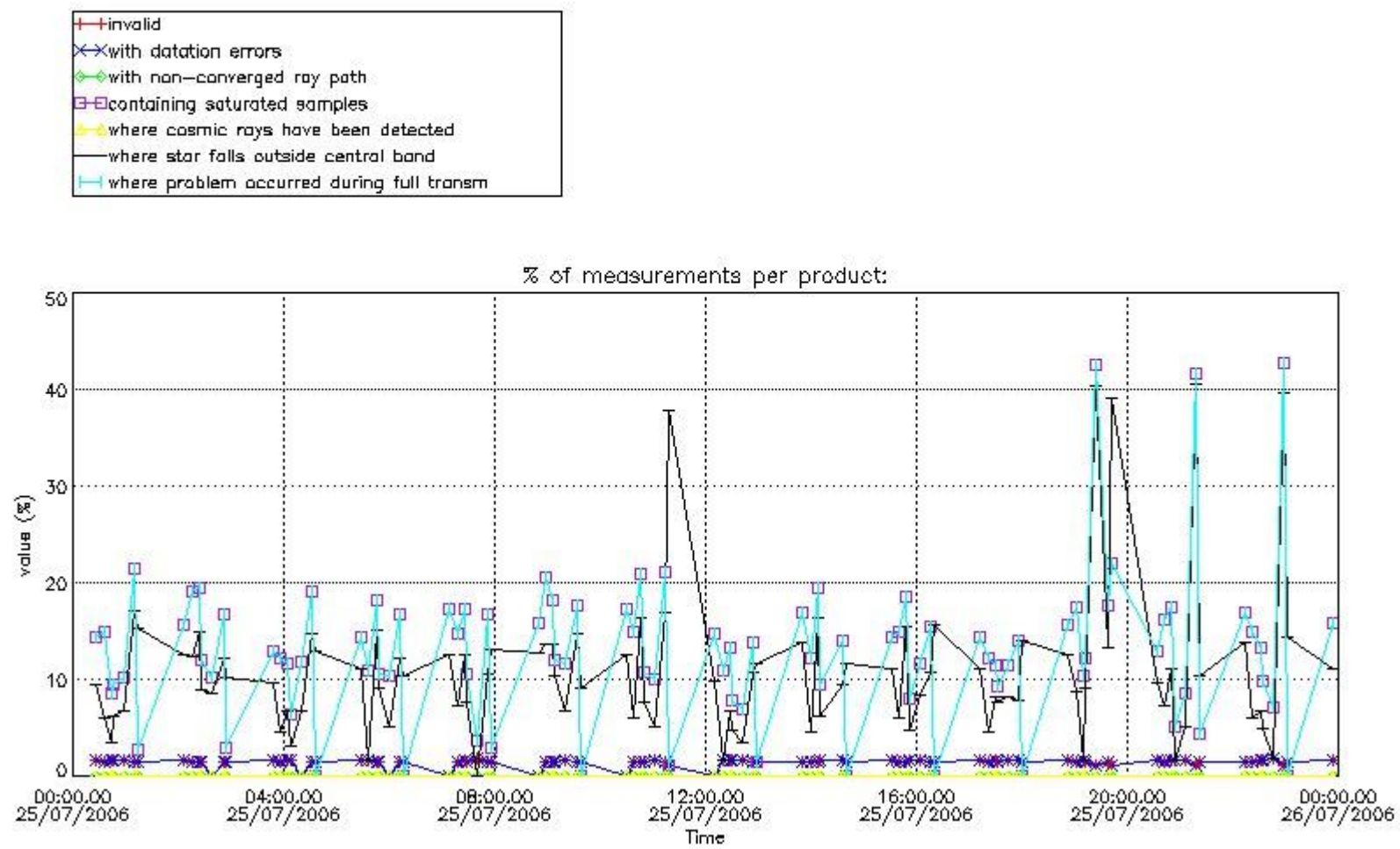
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



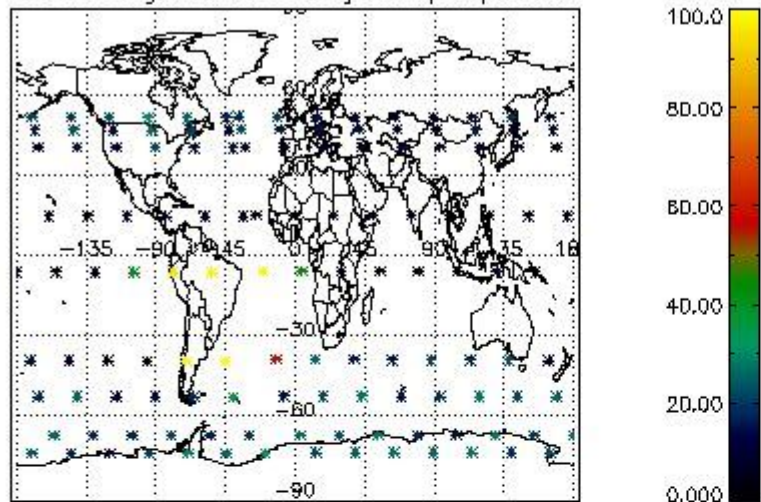
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



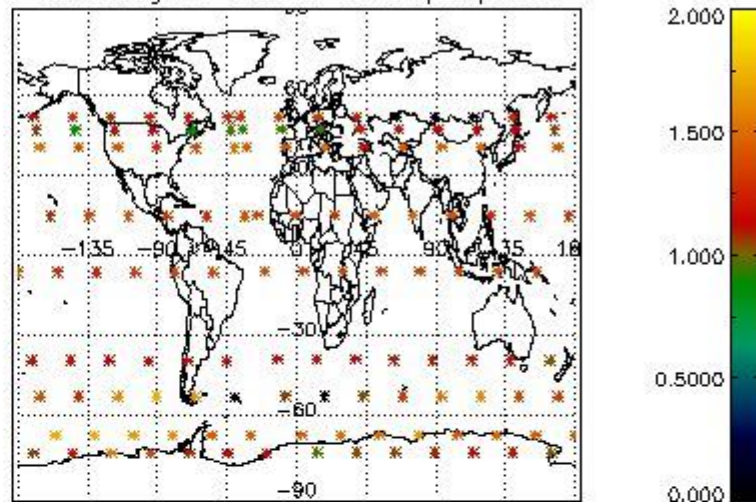
4.2 Plot quality information per product coming from level 1b processing (world map)

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

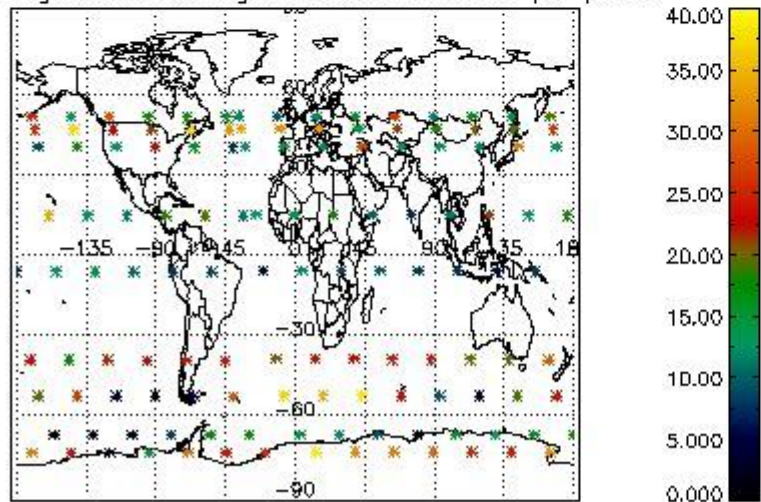
Percentage of cosmic ray hits per profile



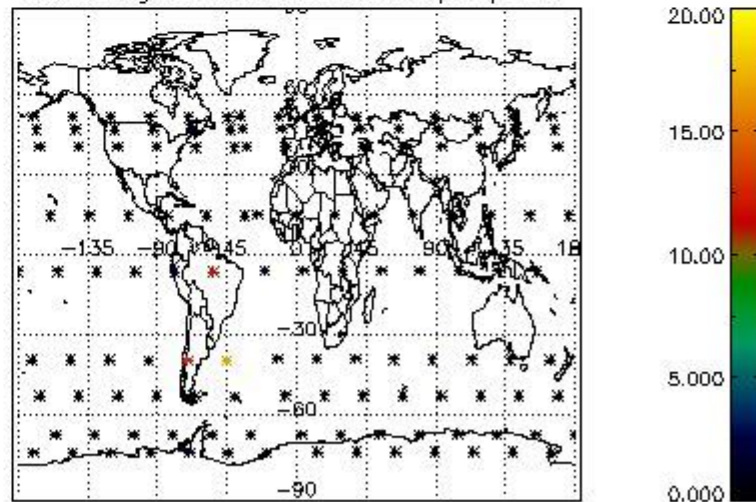
Percentage of datation errors per profile



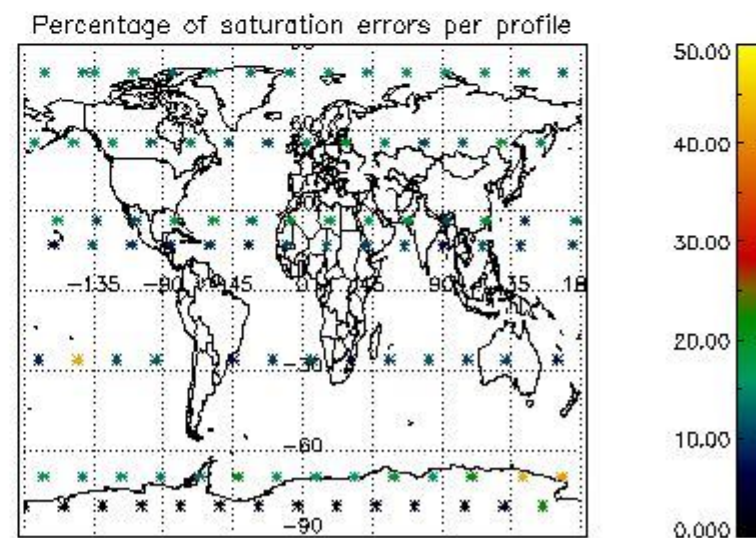
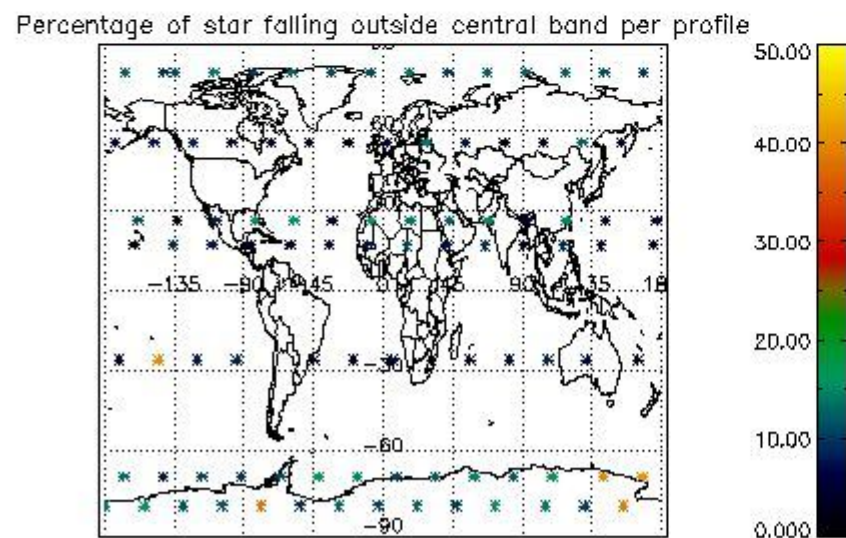
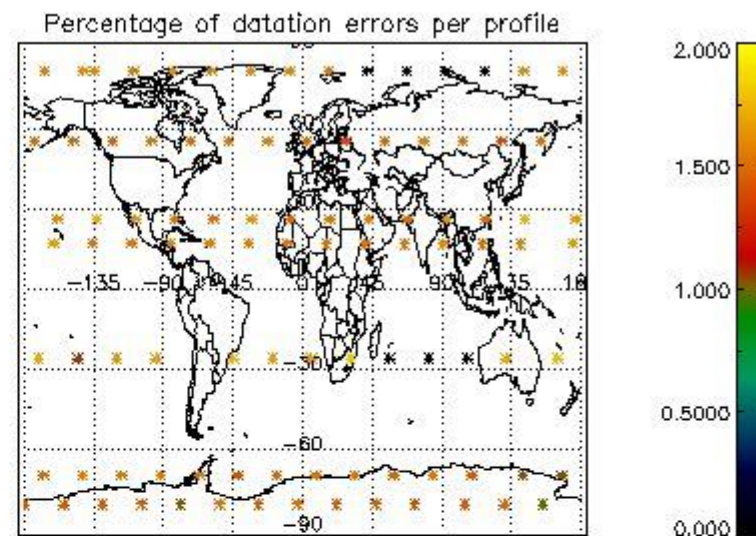
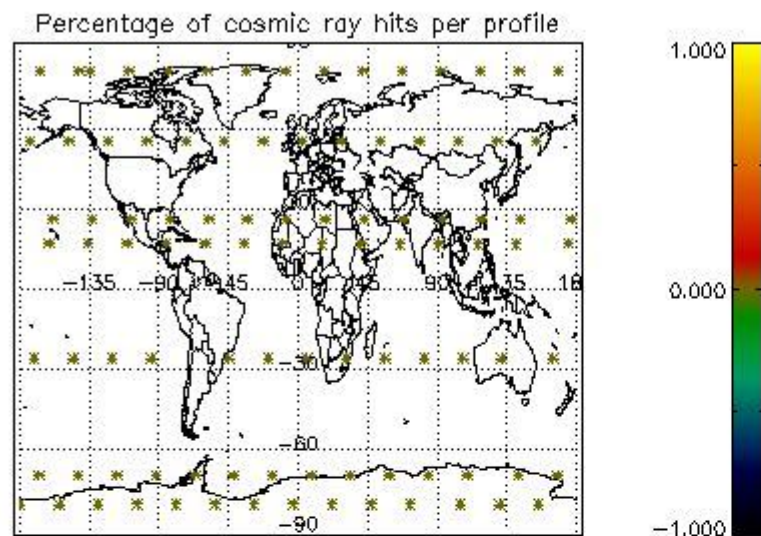
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

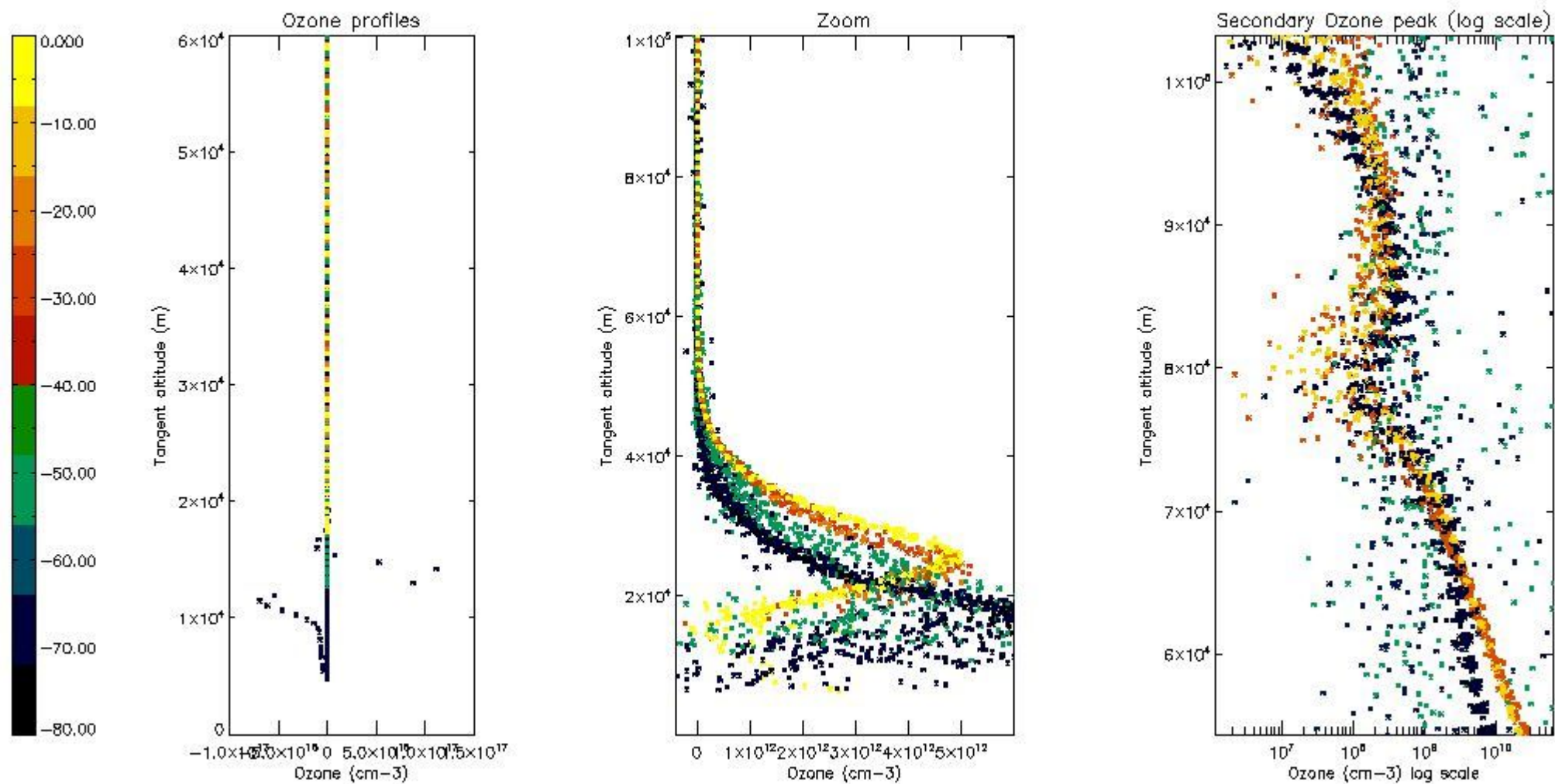
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	39
STD < 20	23

STD < 10	18
STD < 5	12

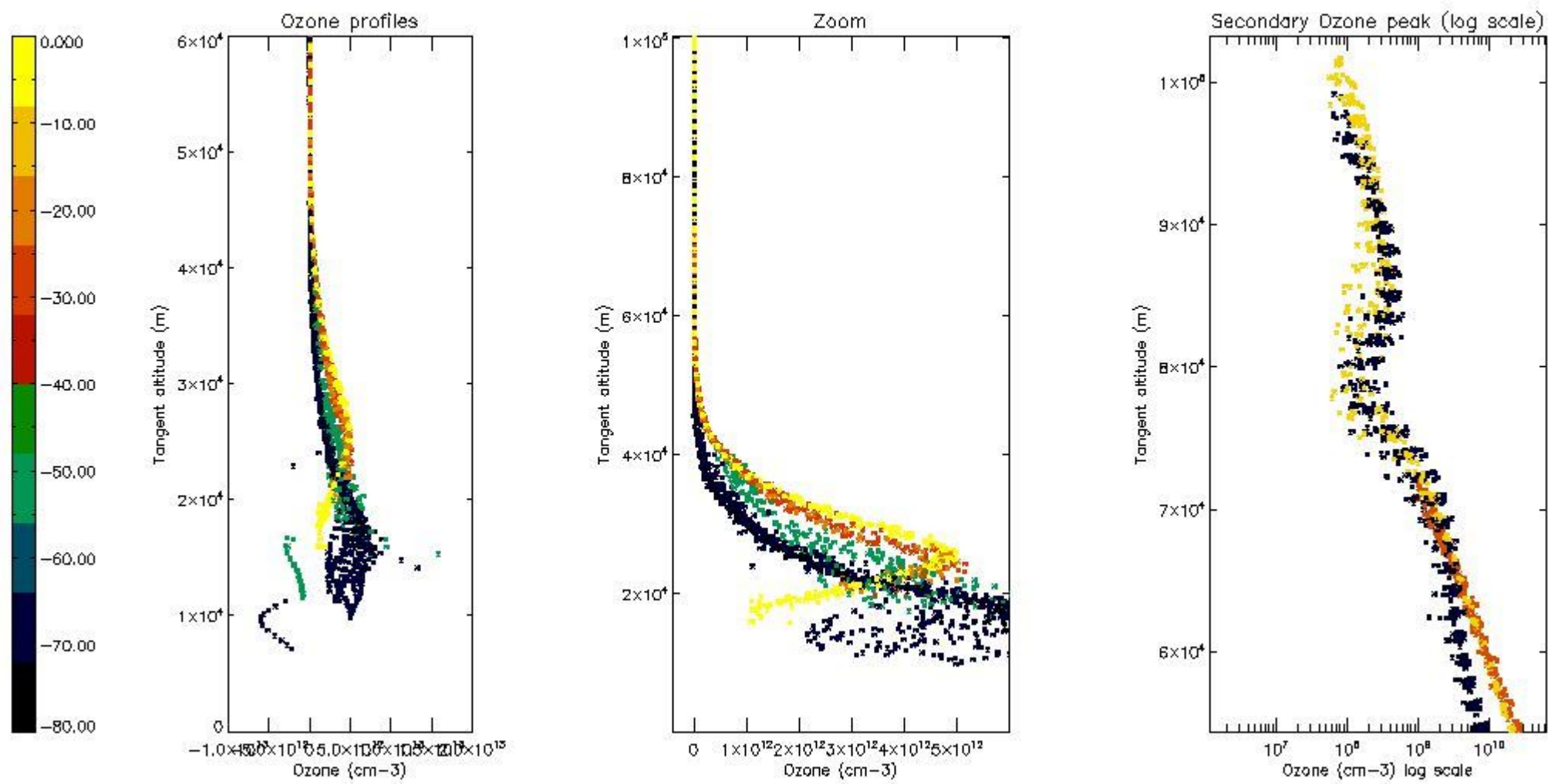
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



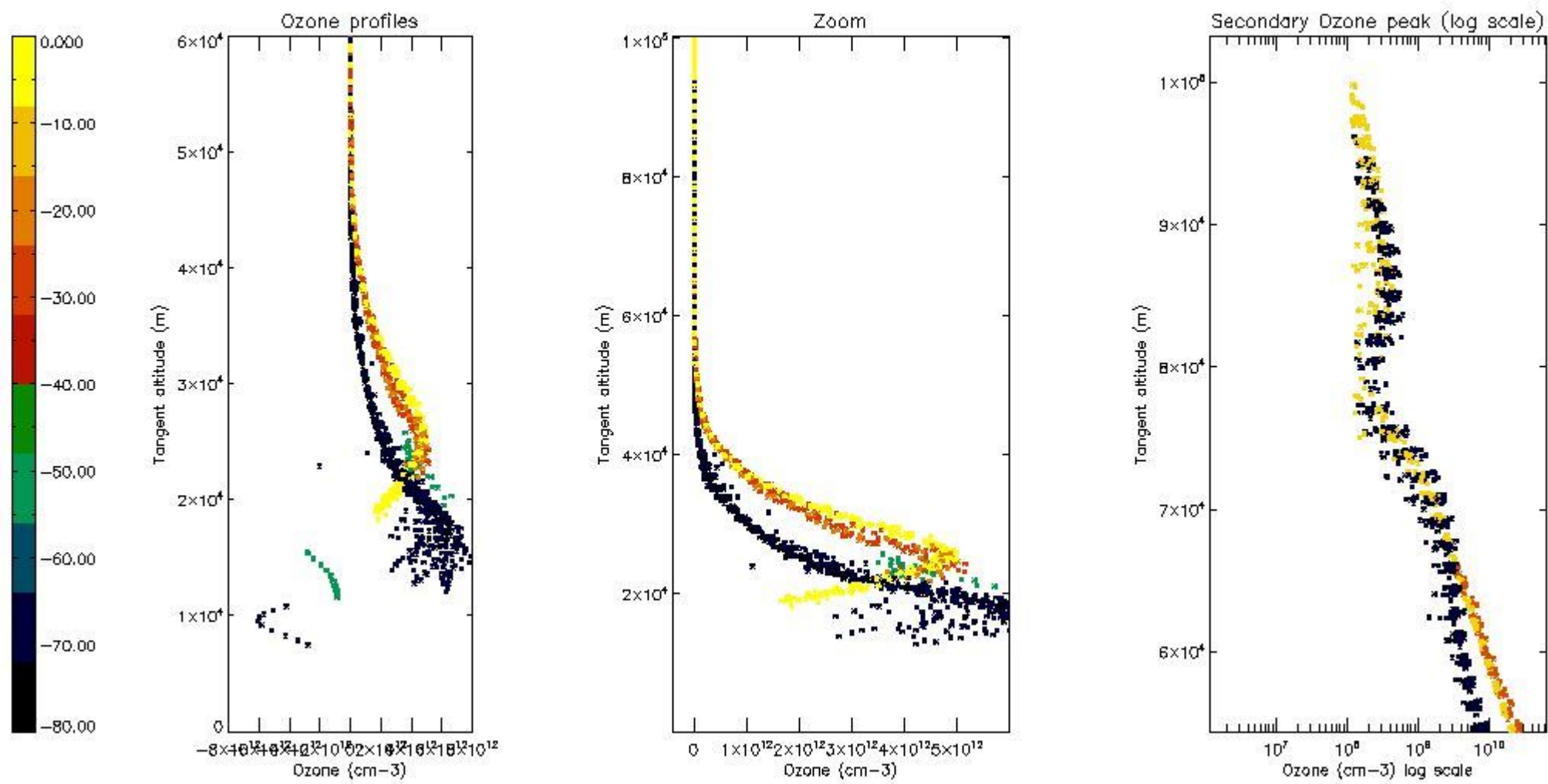
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



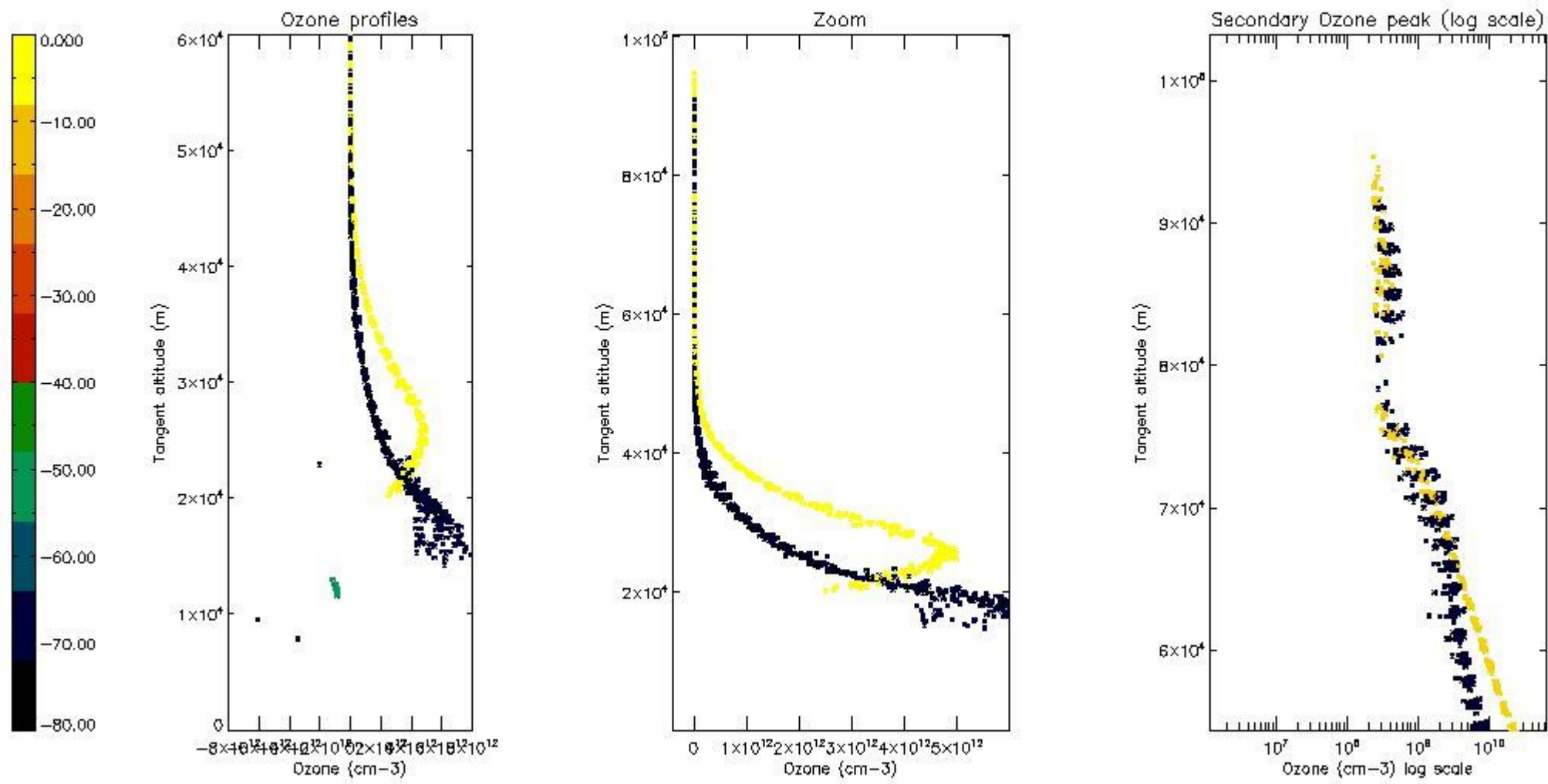
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



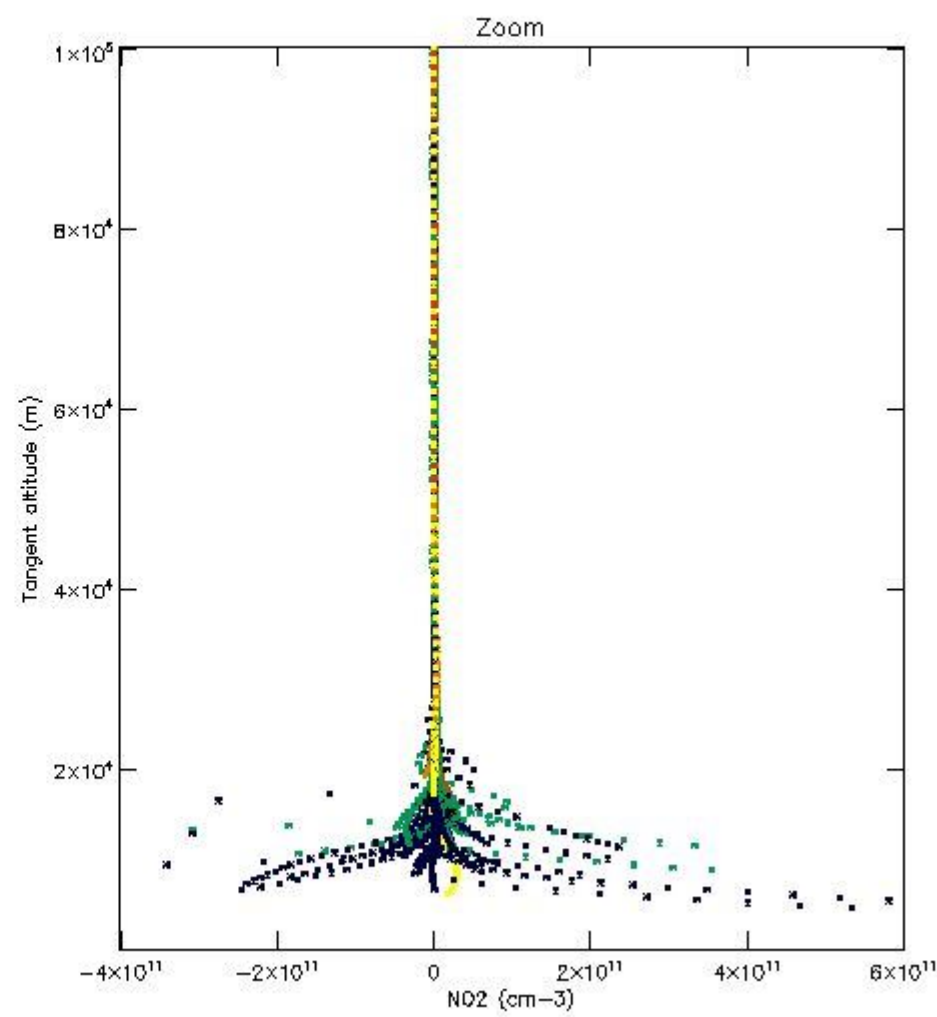
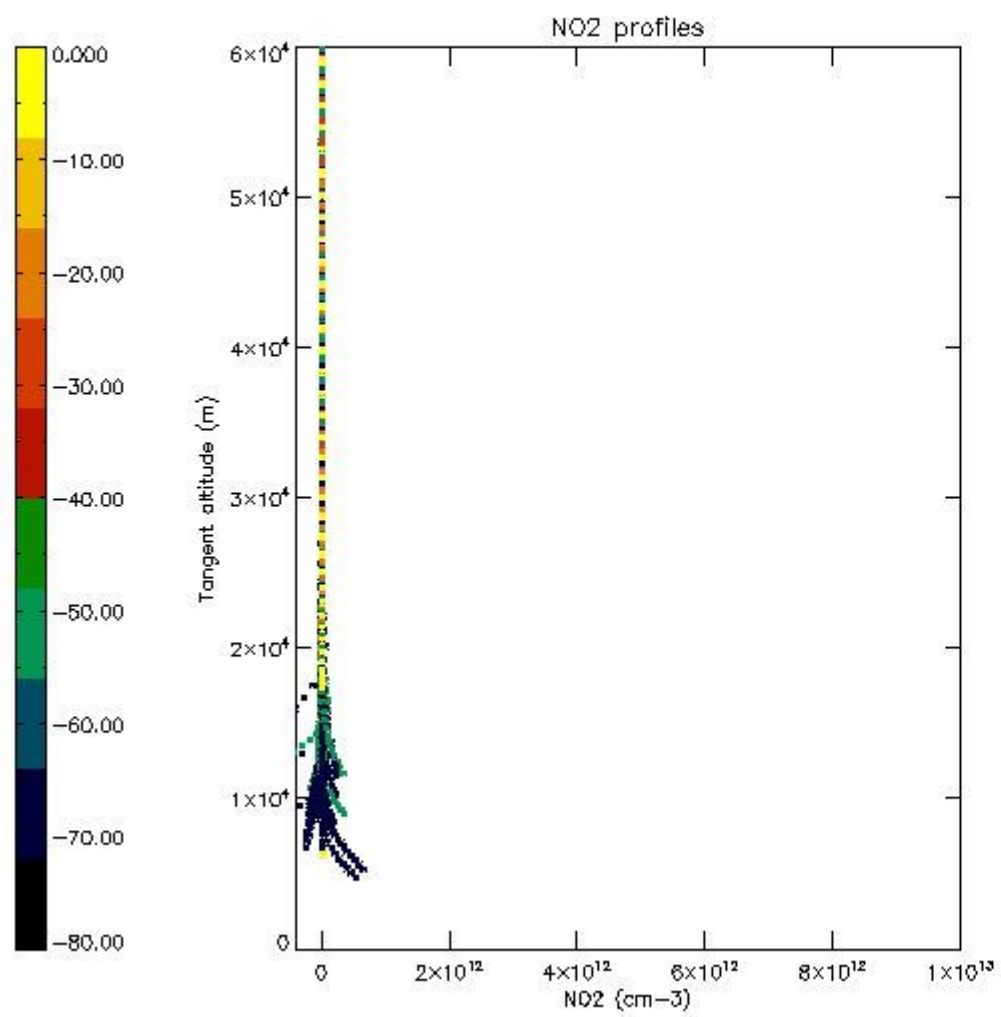
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



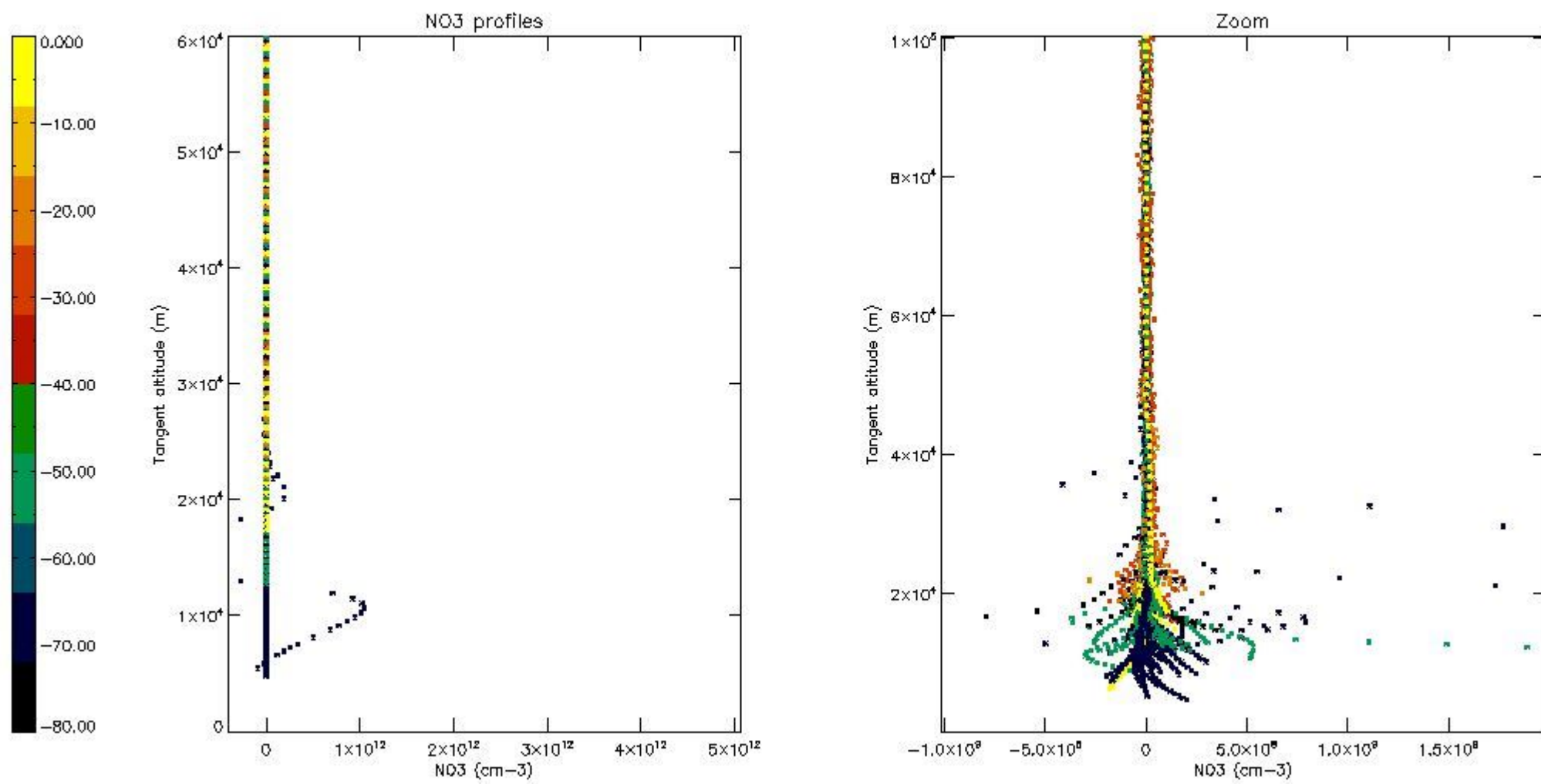
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



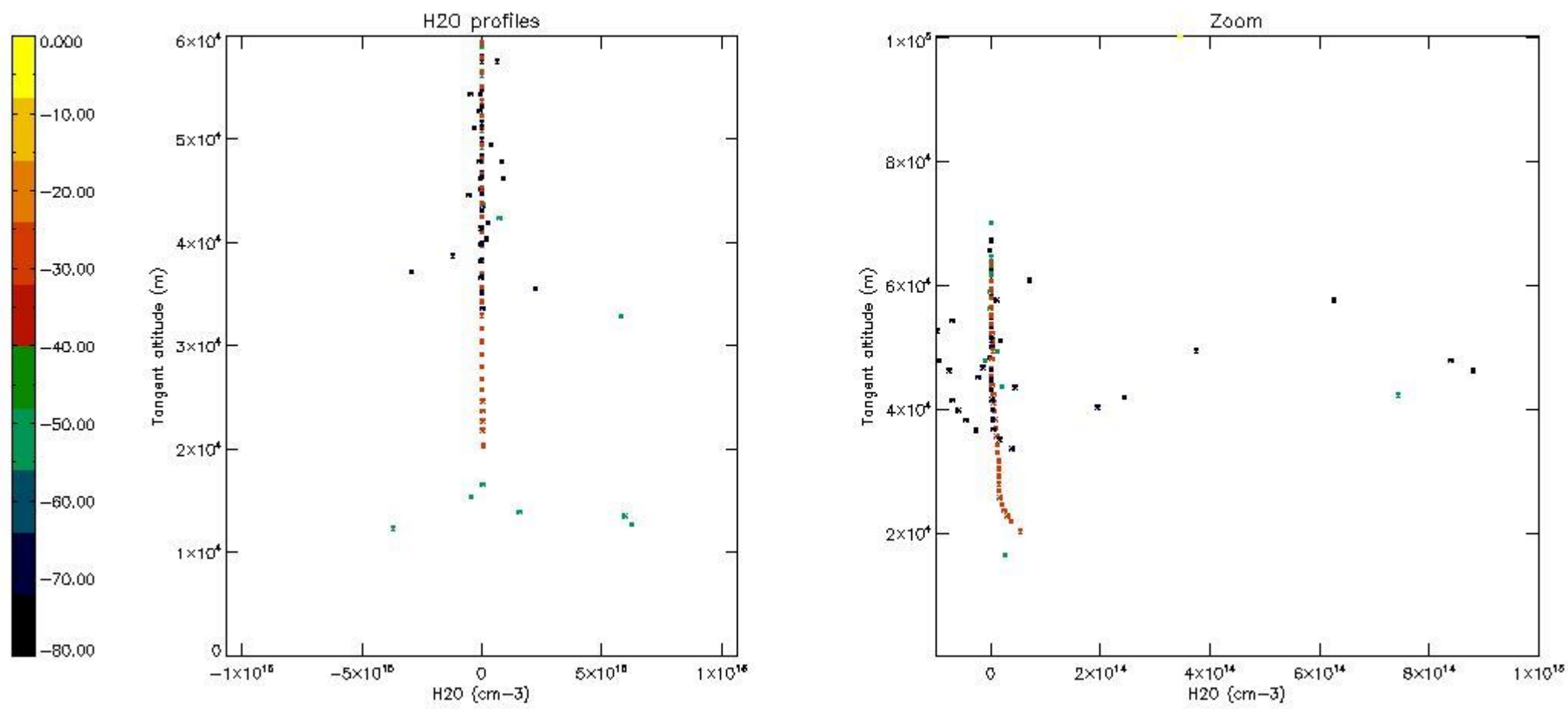
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

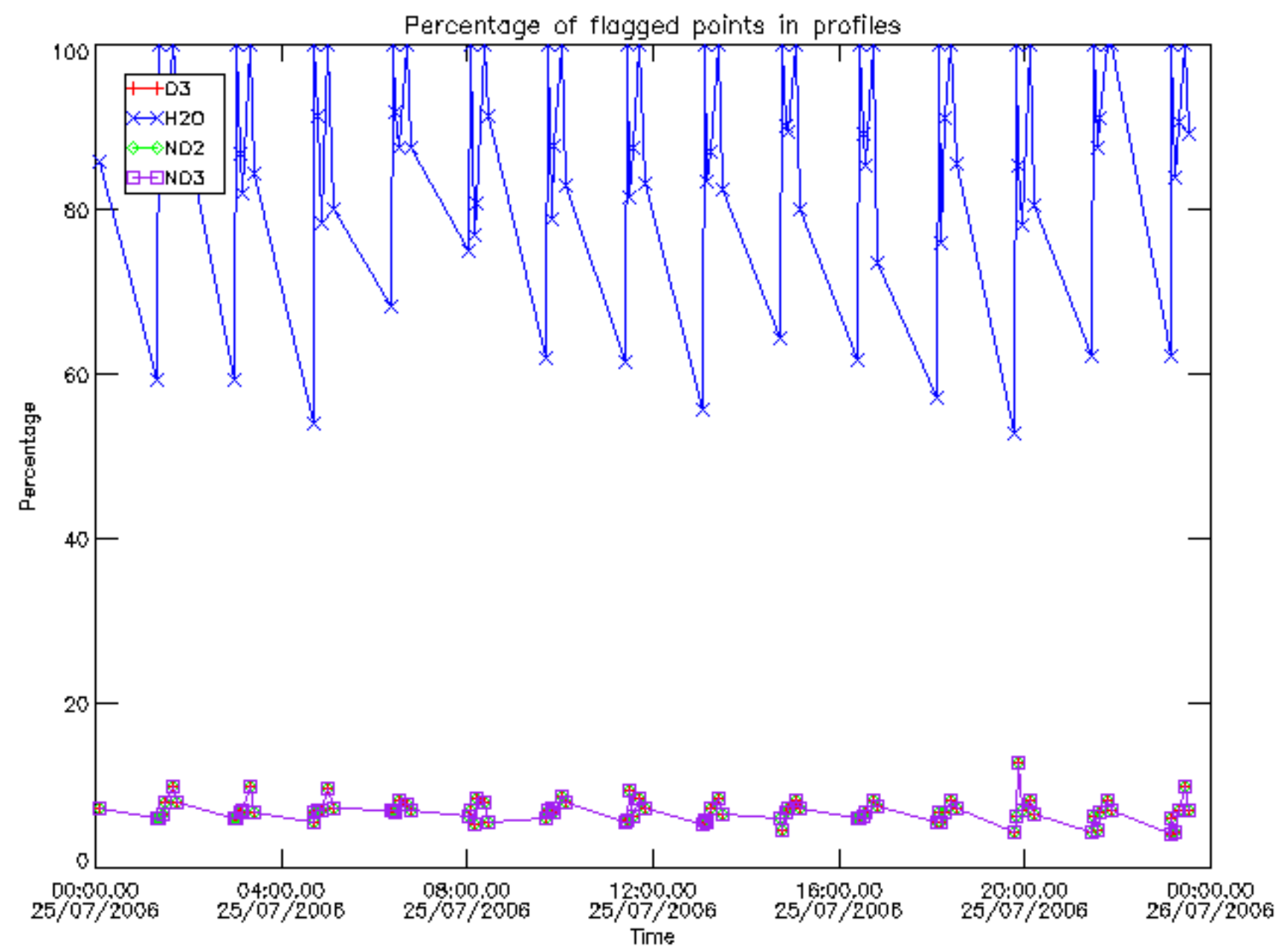
The colorbar represents the latitude.



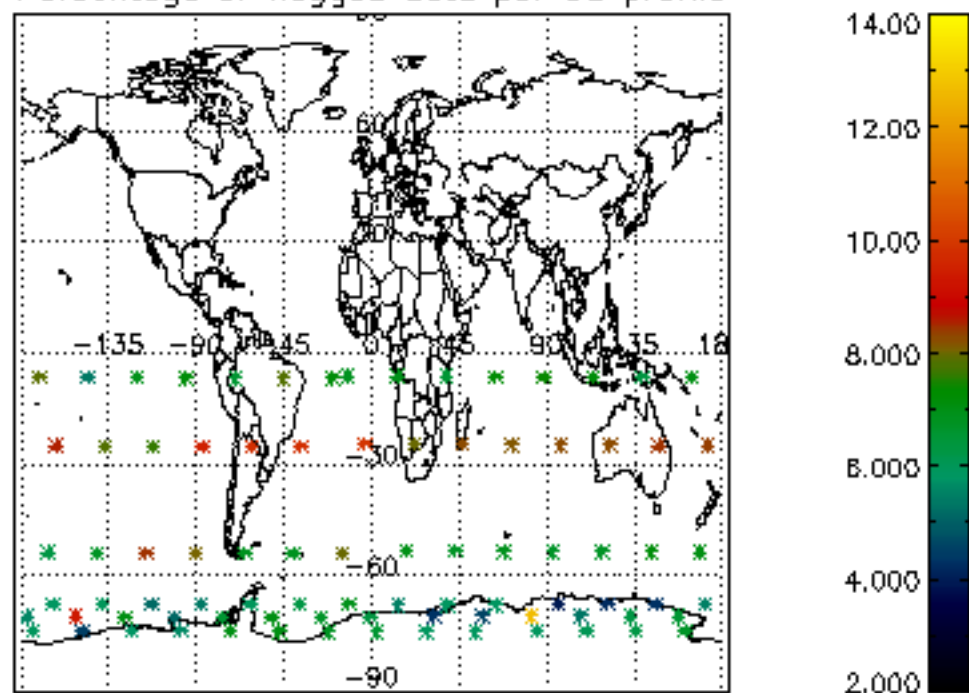
6. Auxiliary Data Files used for the production reported in section 2

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.

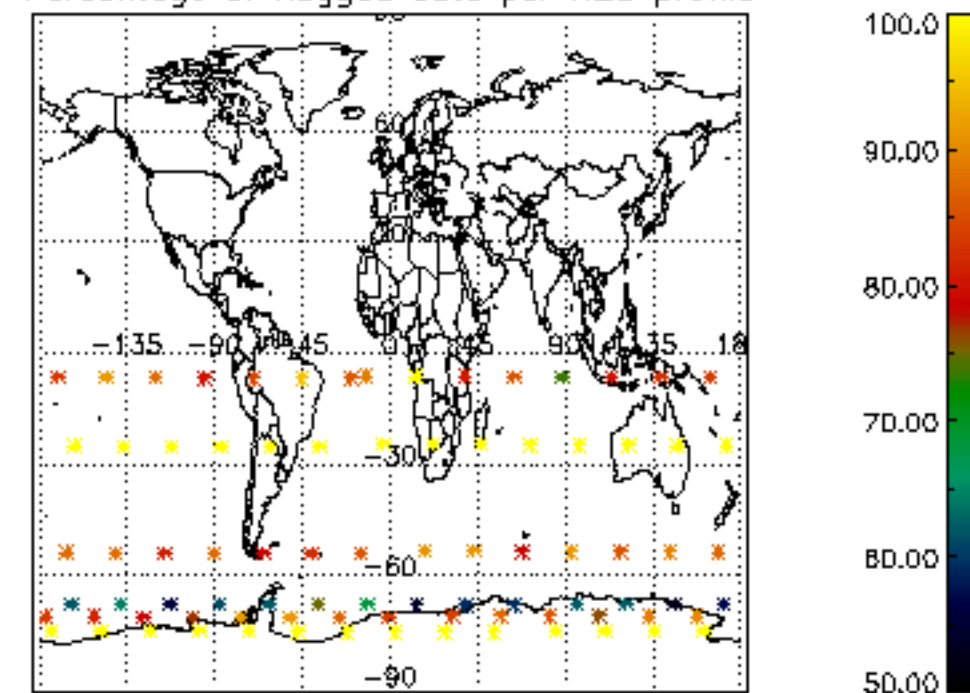
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	25-JUL-2006 00:04:27
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	25-JUL-2006 00:04:27
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	25-JUL-2006 00:04:27



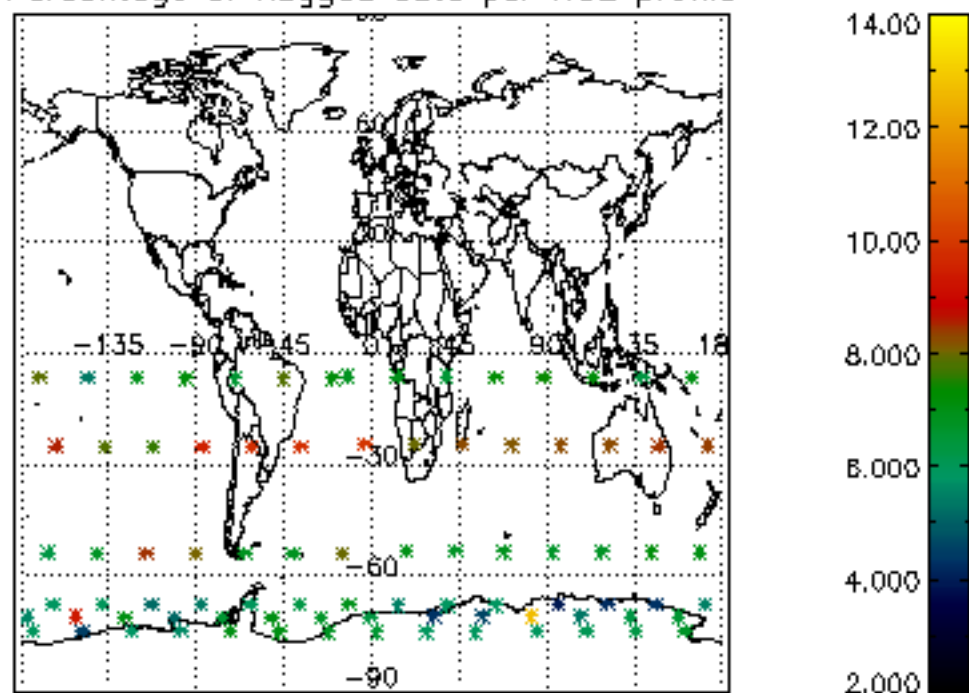
Percentage of flagged data per D3 profile



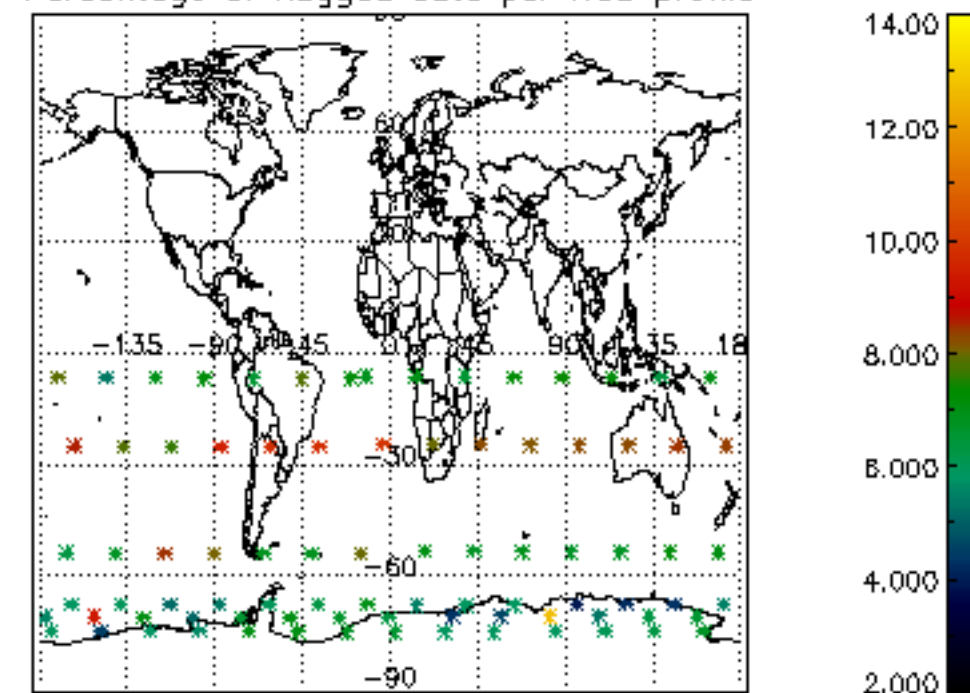
Percentage of flagged data per H2O profile

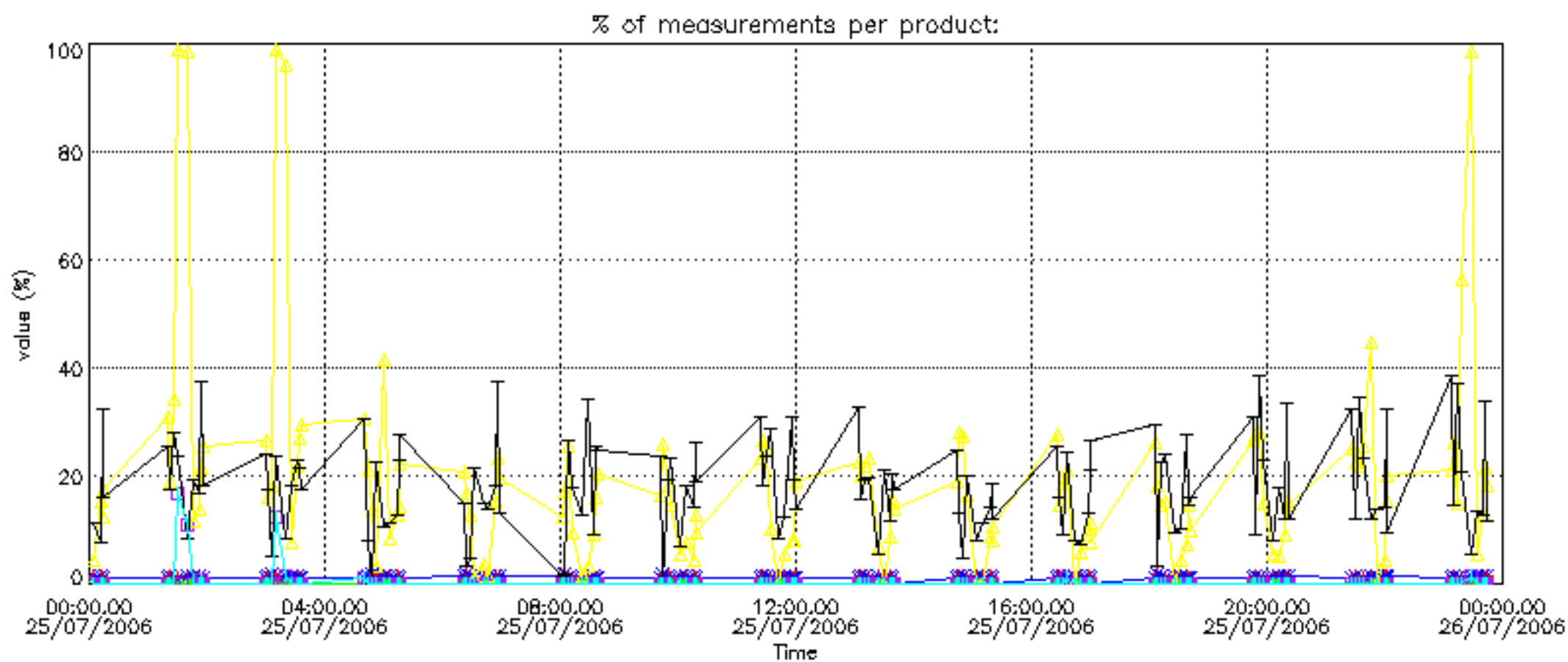


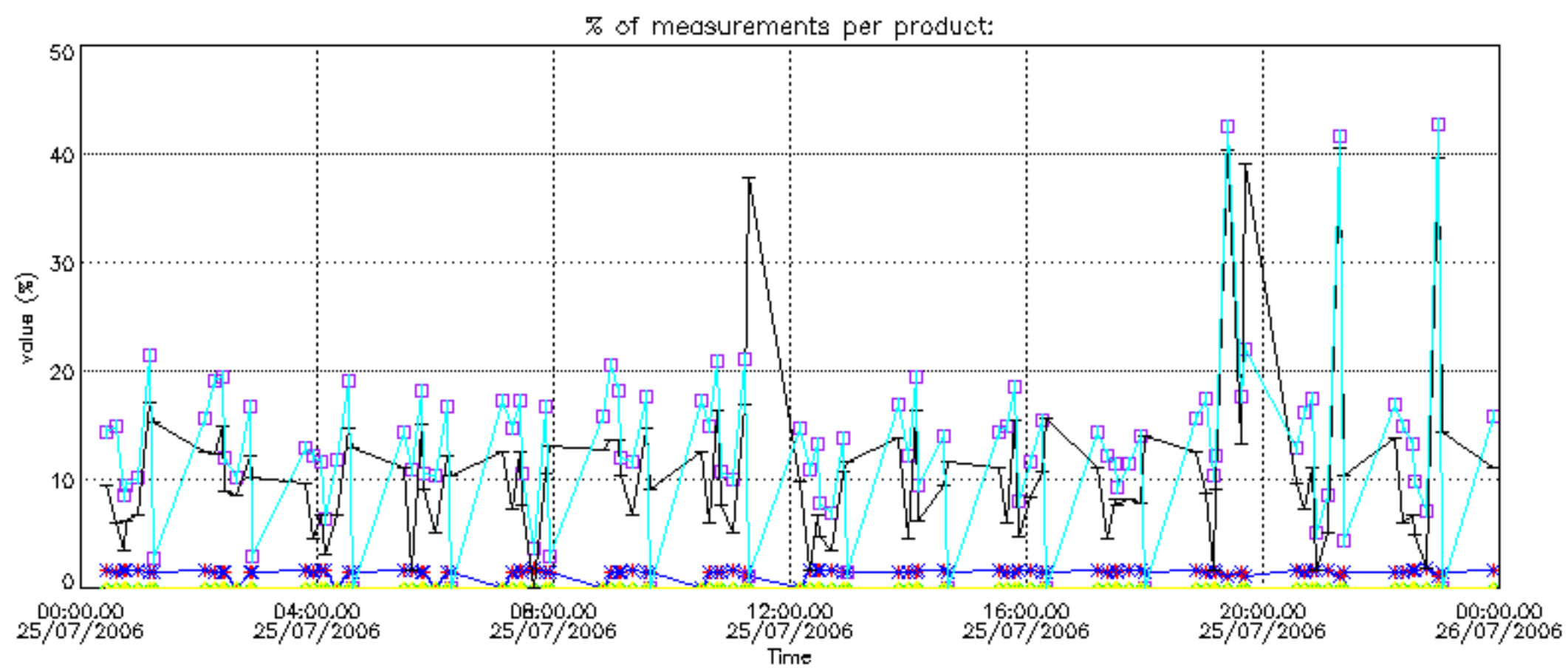
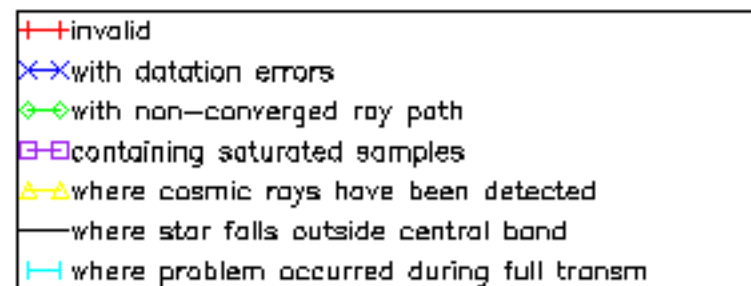
Percentage of flagged data per NO2 profile



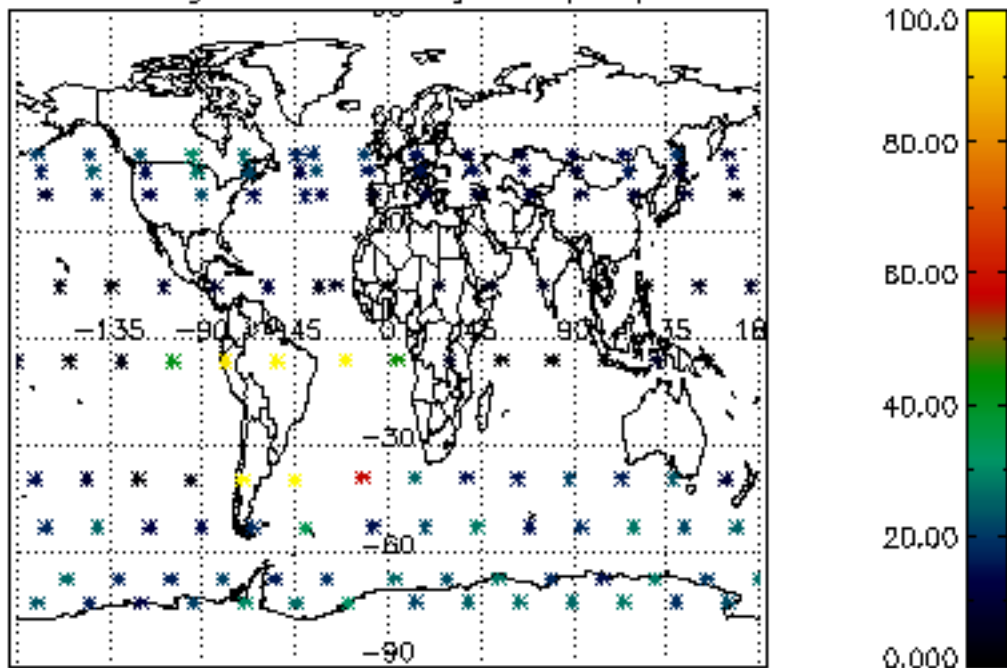
Percentage of flagged data per NO3 profile



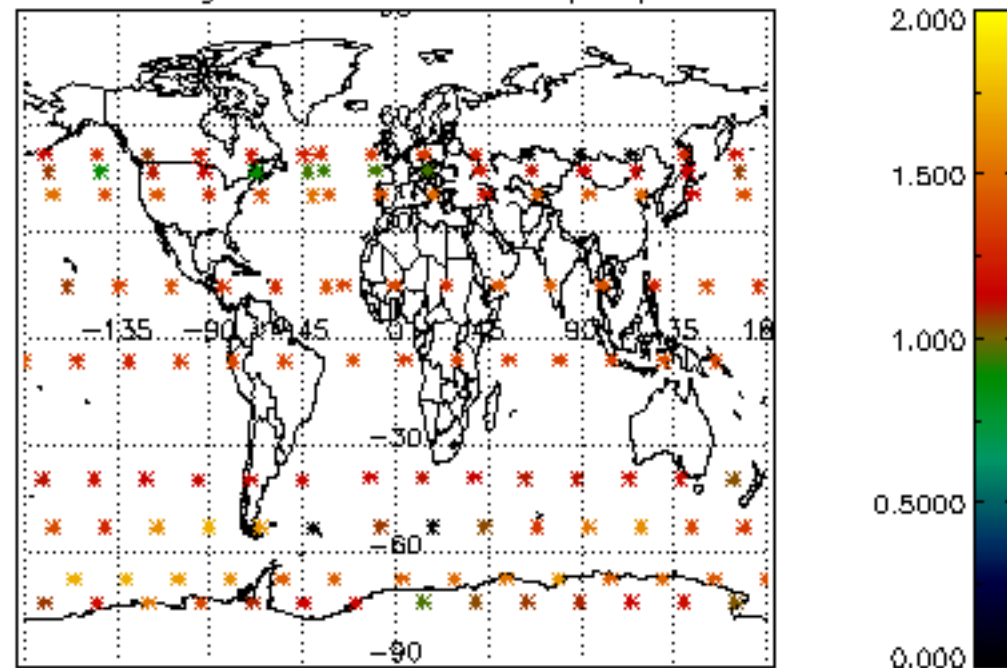




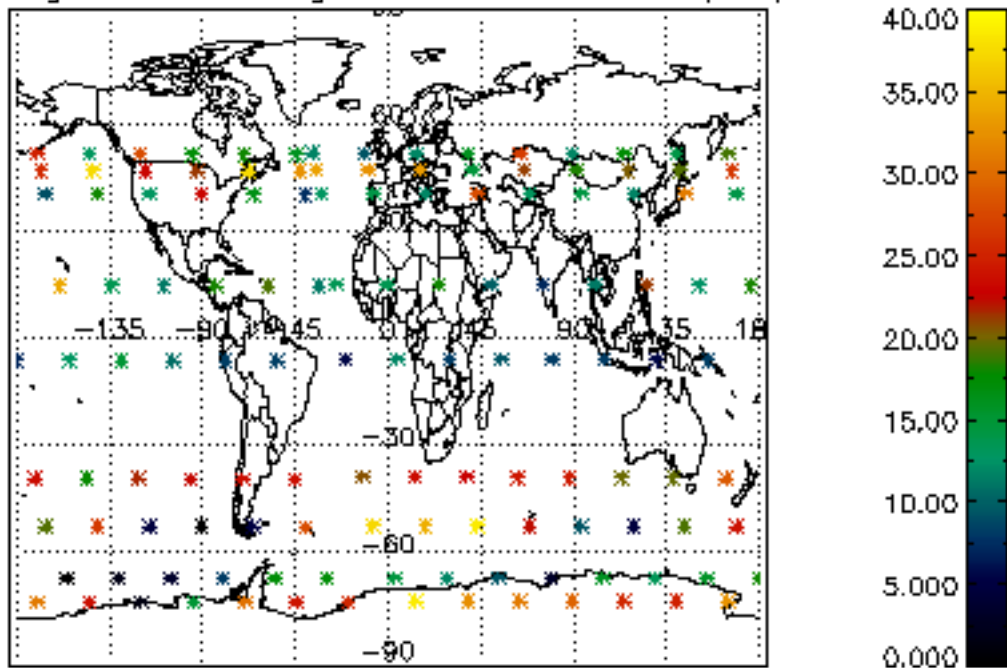
Percentage of cosmic ray hits per profile



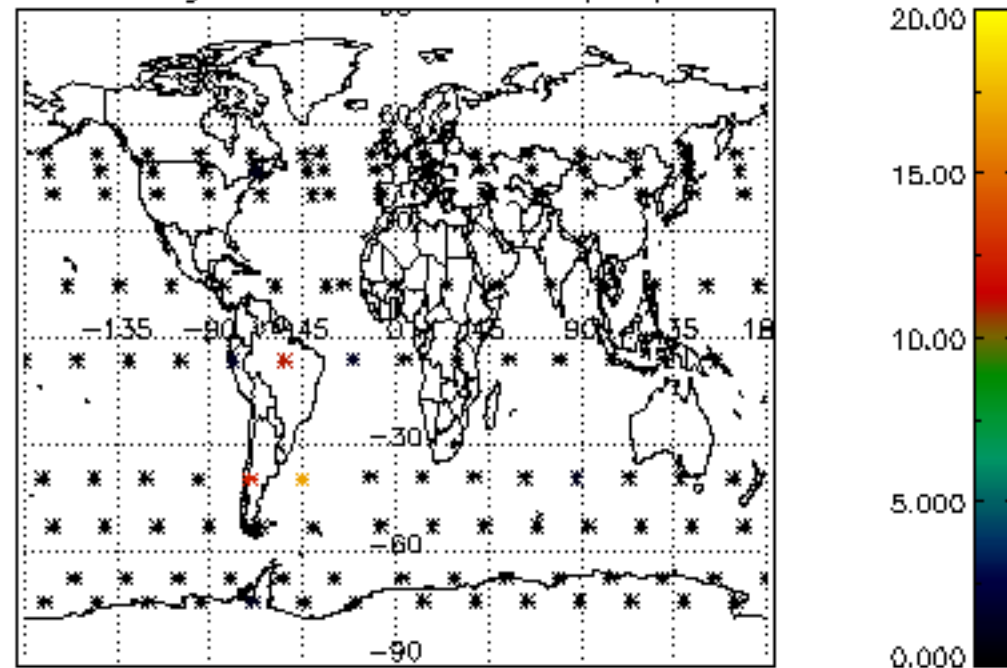
Percentage of datation errors per profile



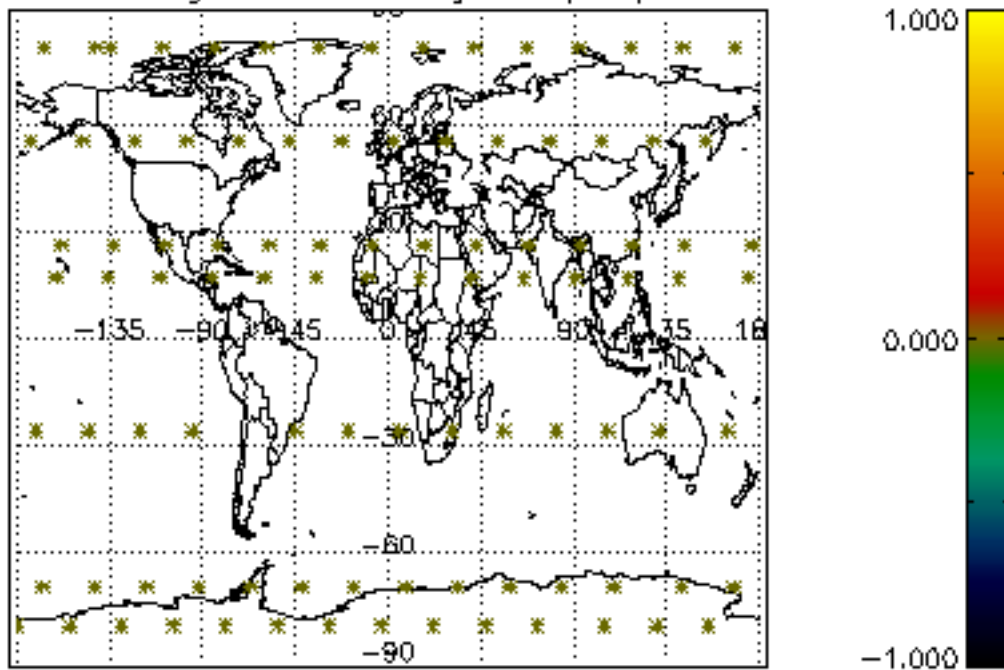
Percentage of star falling outside central band per profile



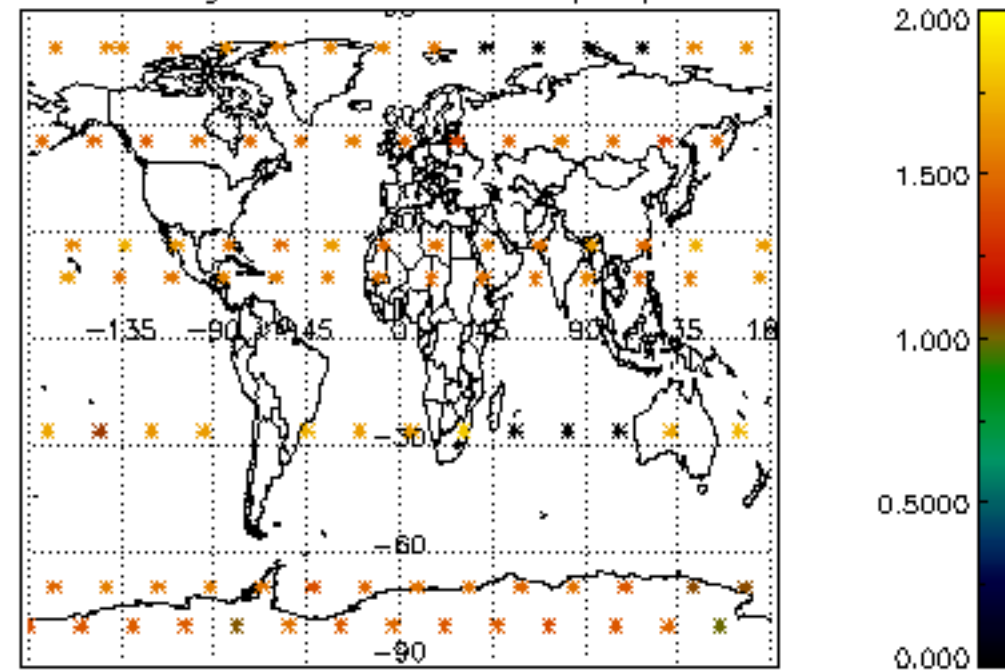
Percentage of saturation errors per profile



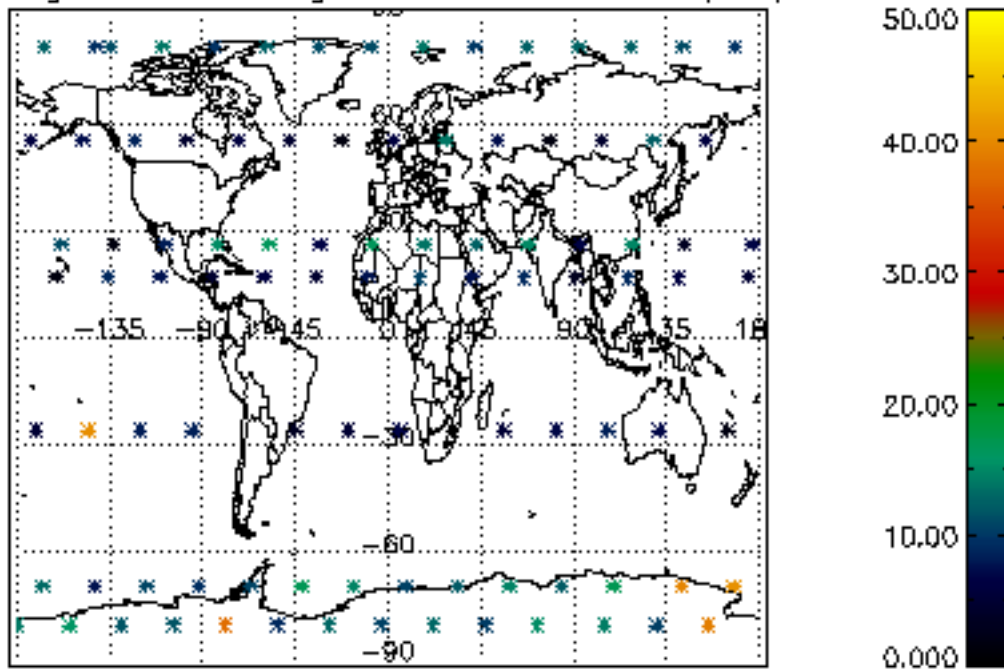
Percentage of cosmic ray hits per profile



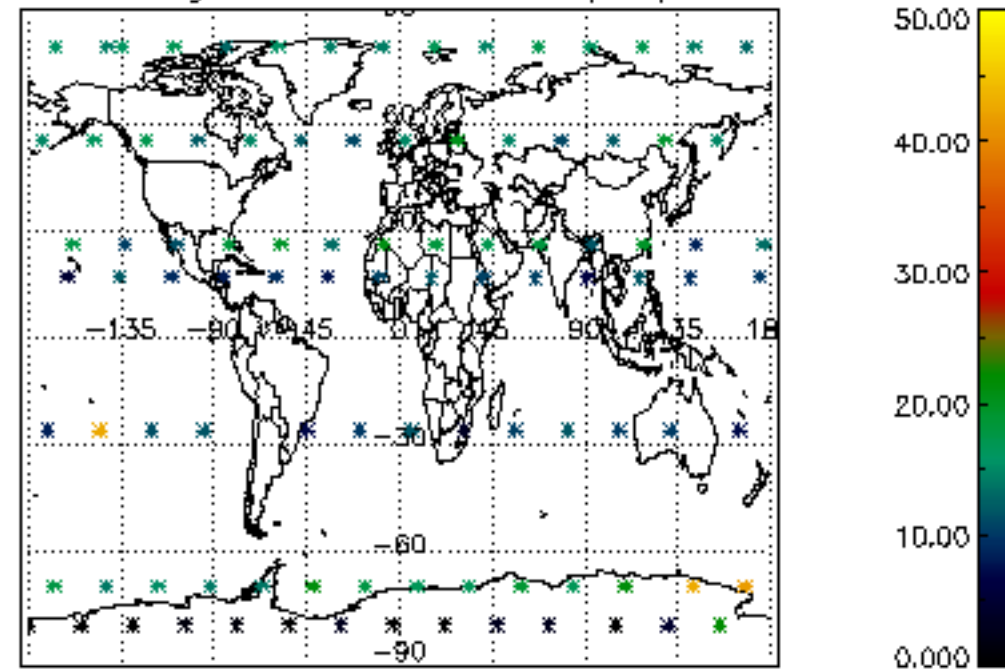
Percentage of datation errors per profile

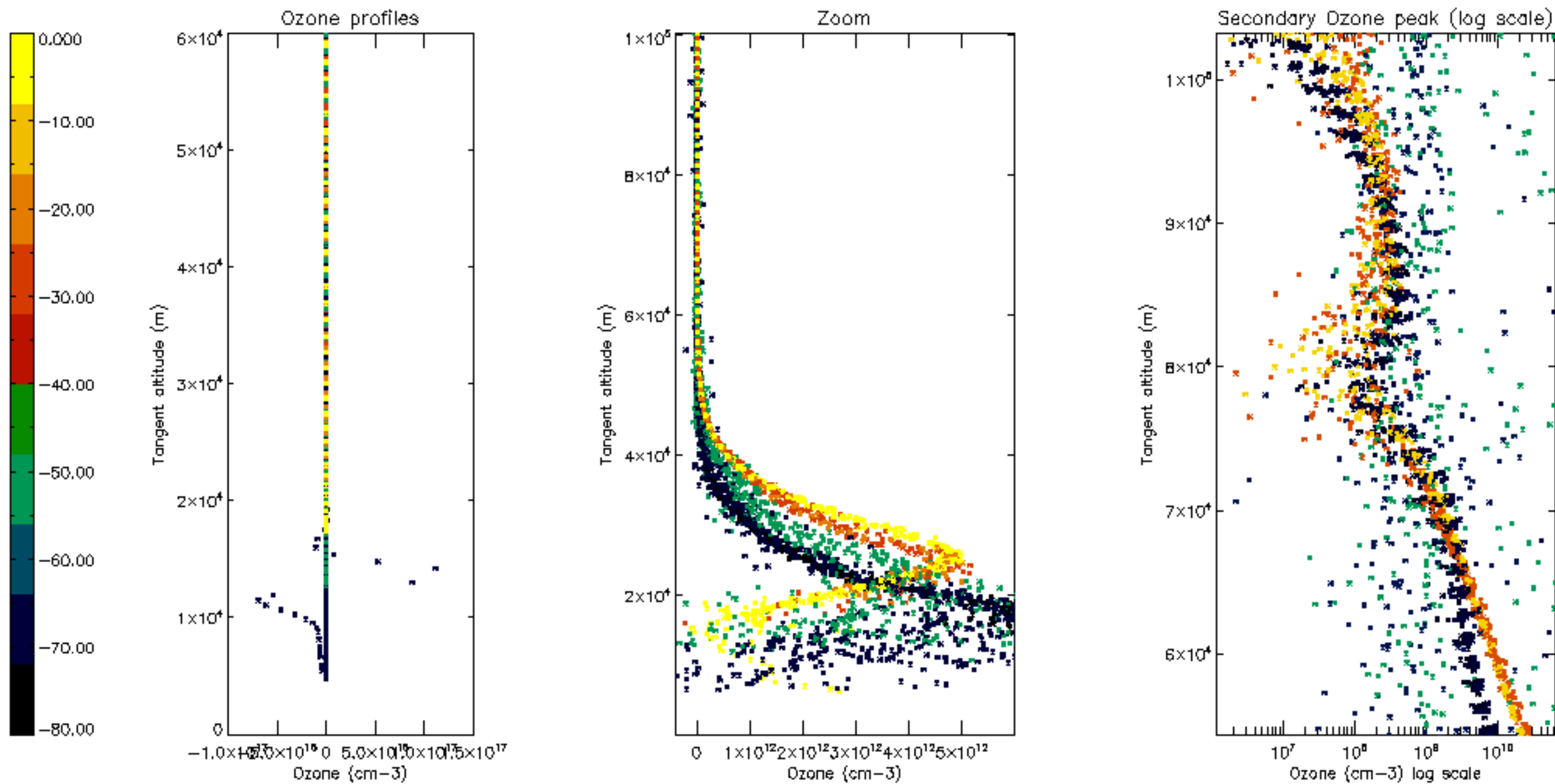


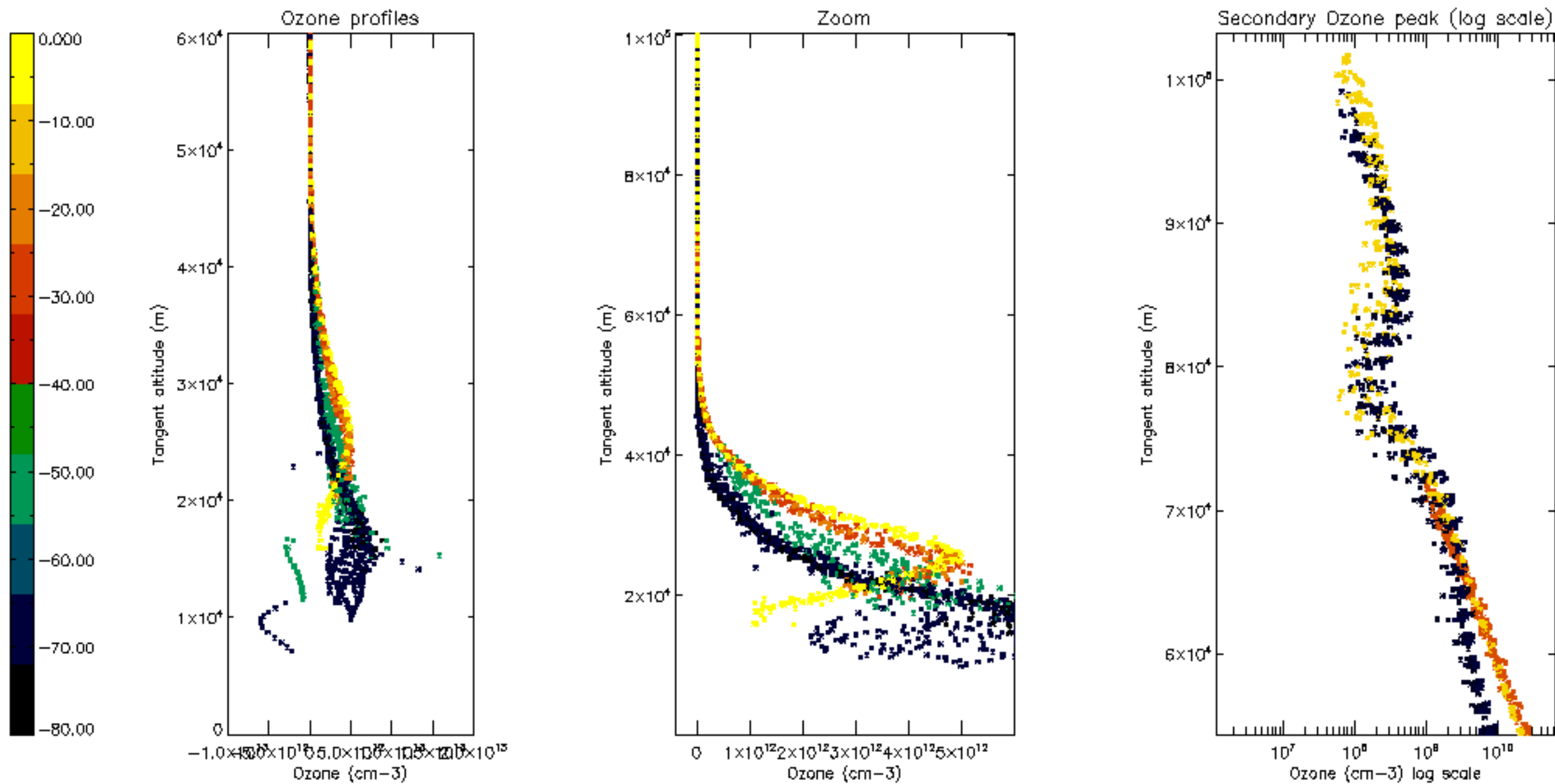
Percentage of star falling outside central band per profile

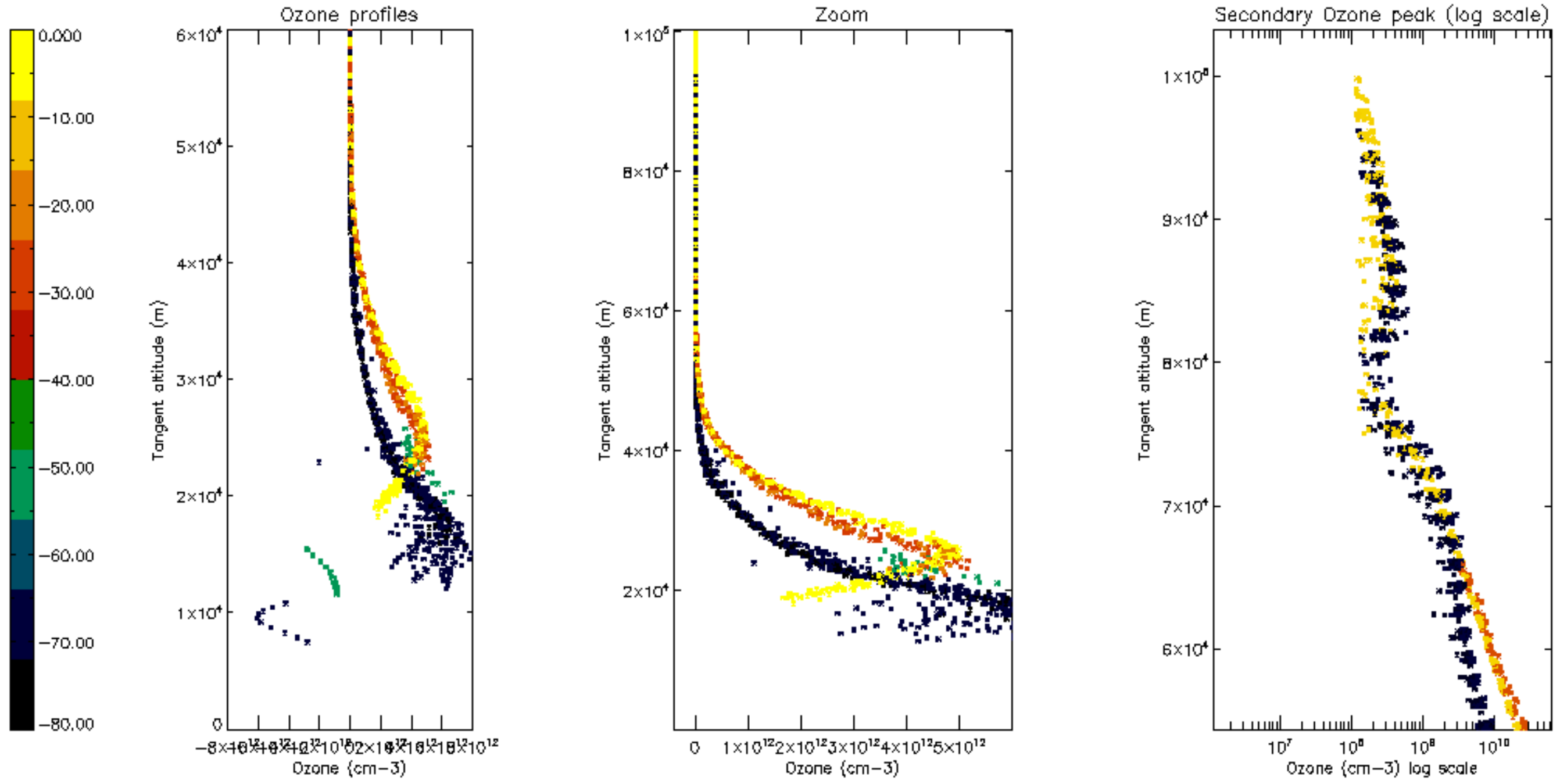


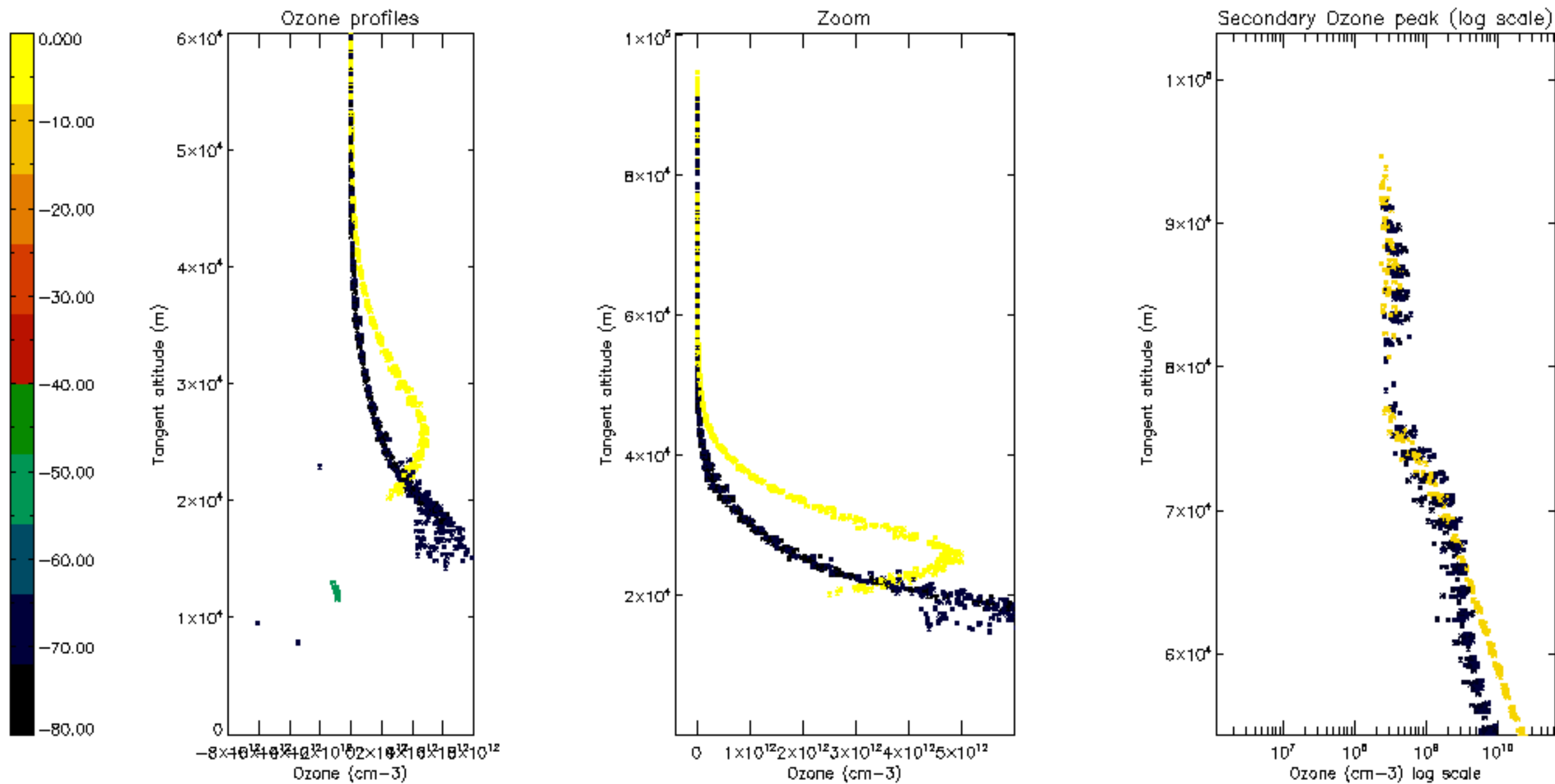
Percentage of saturation errors per profile

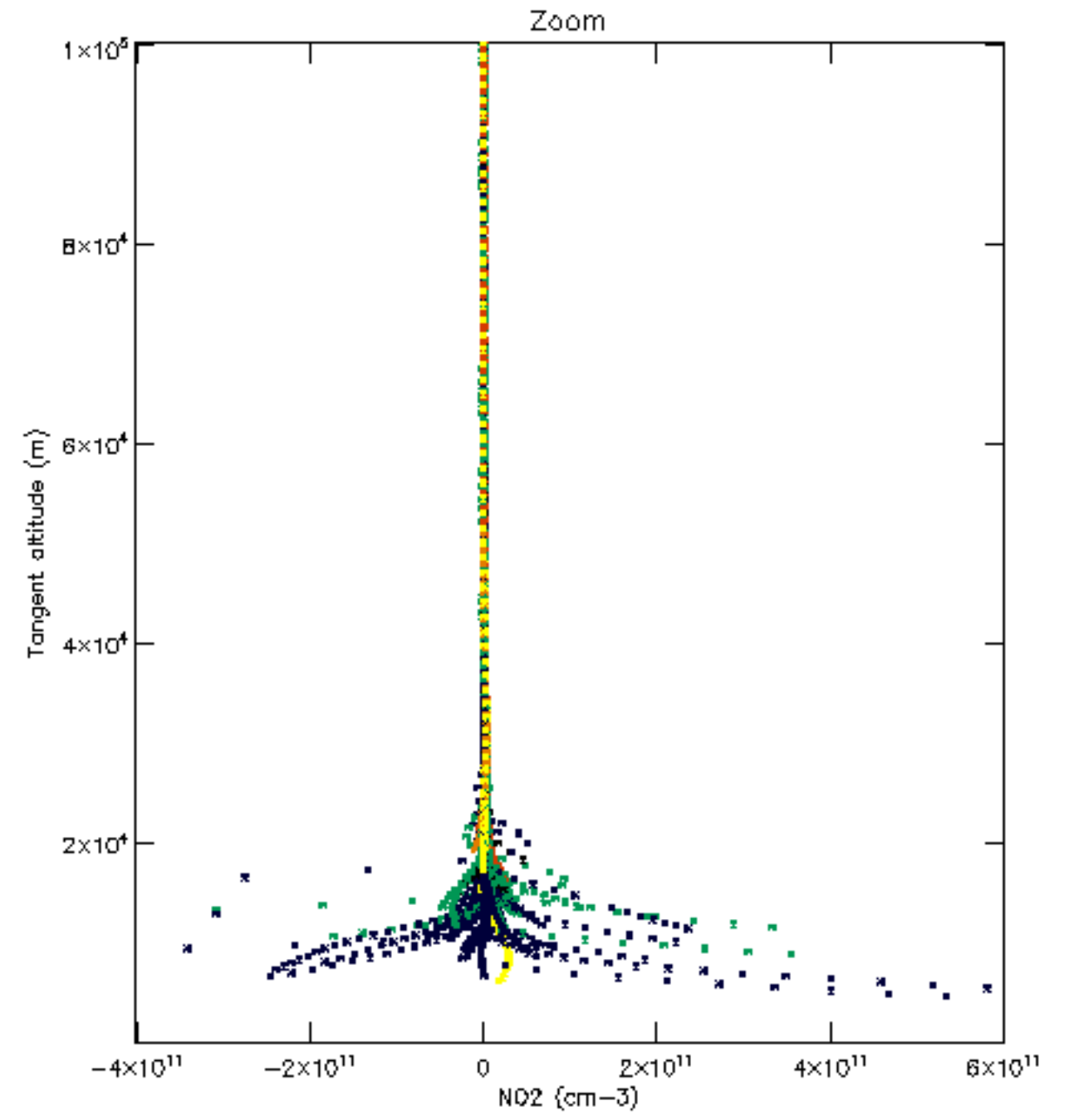
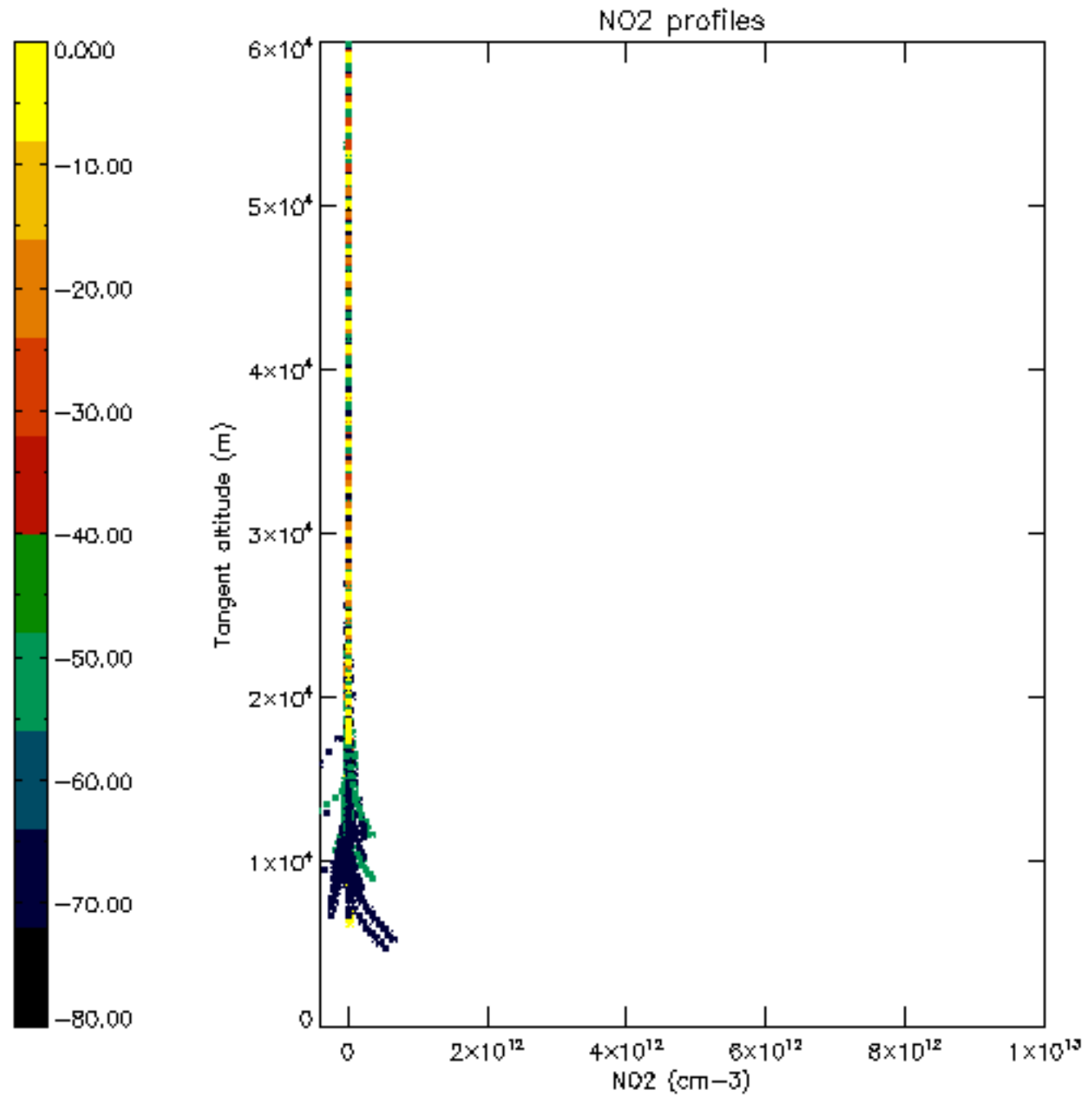


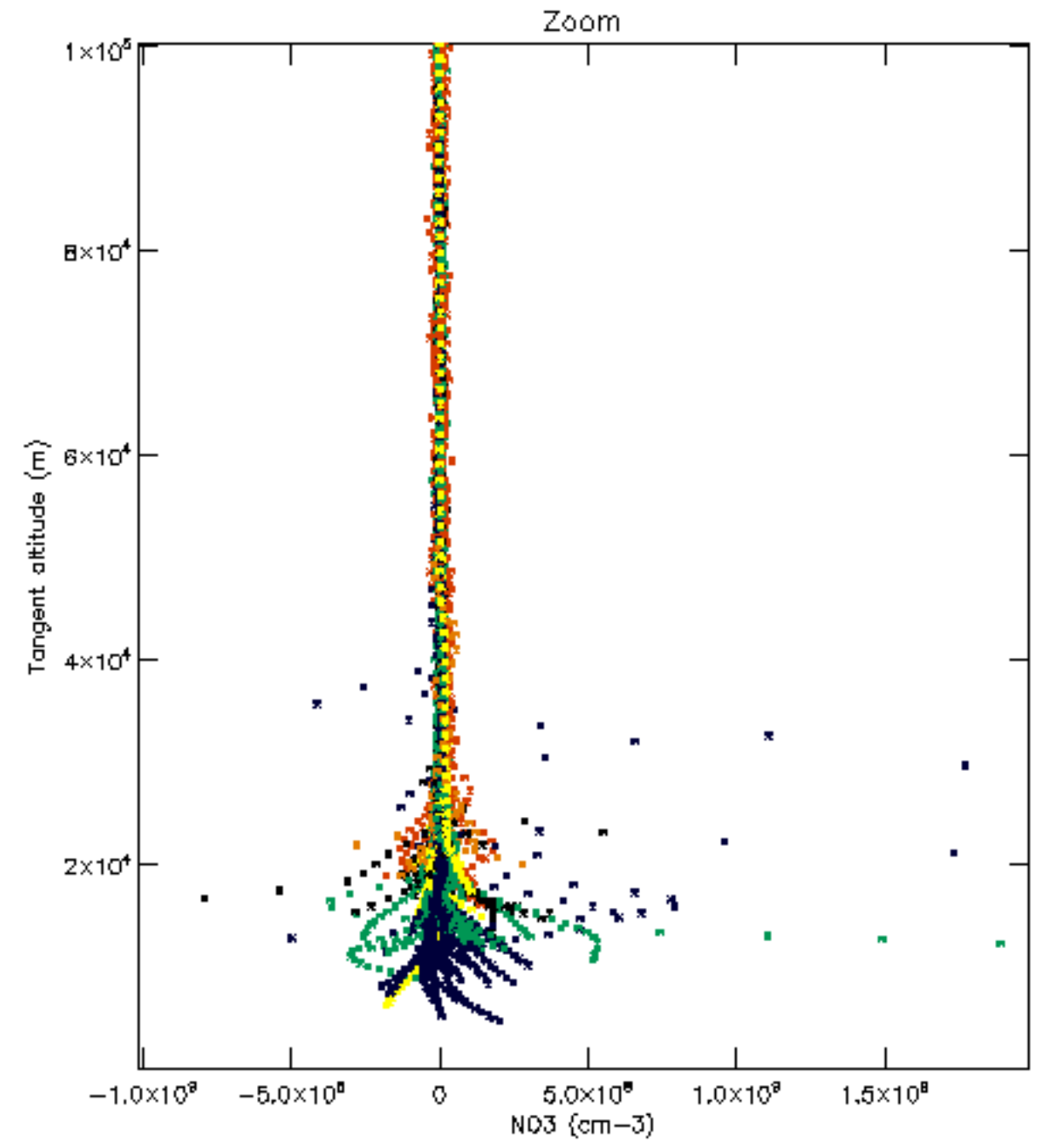
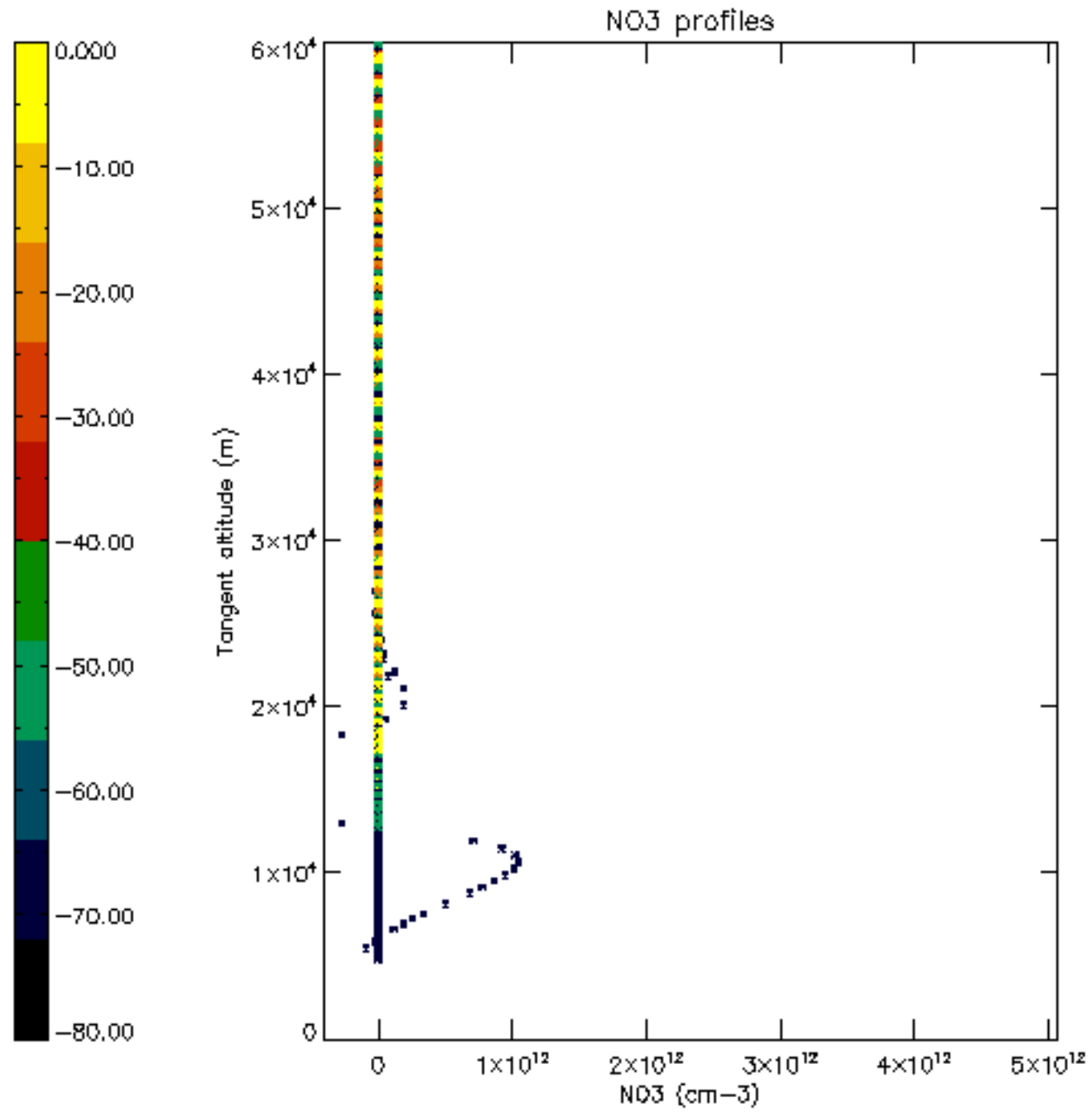


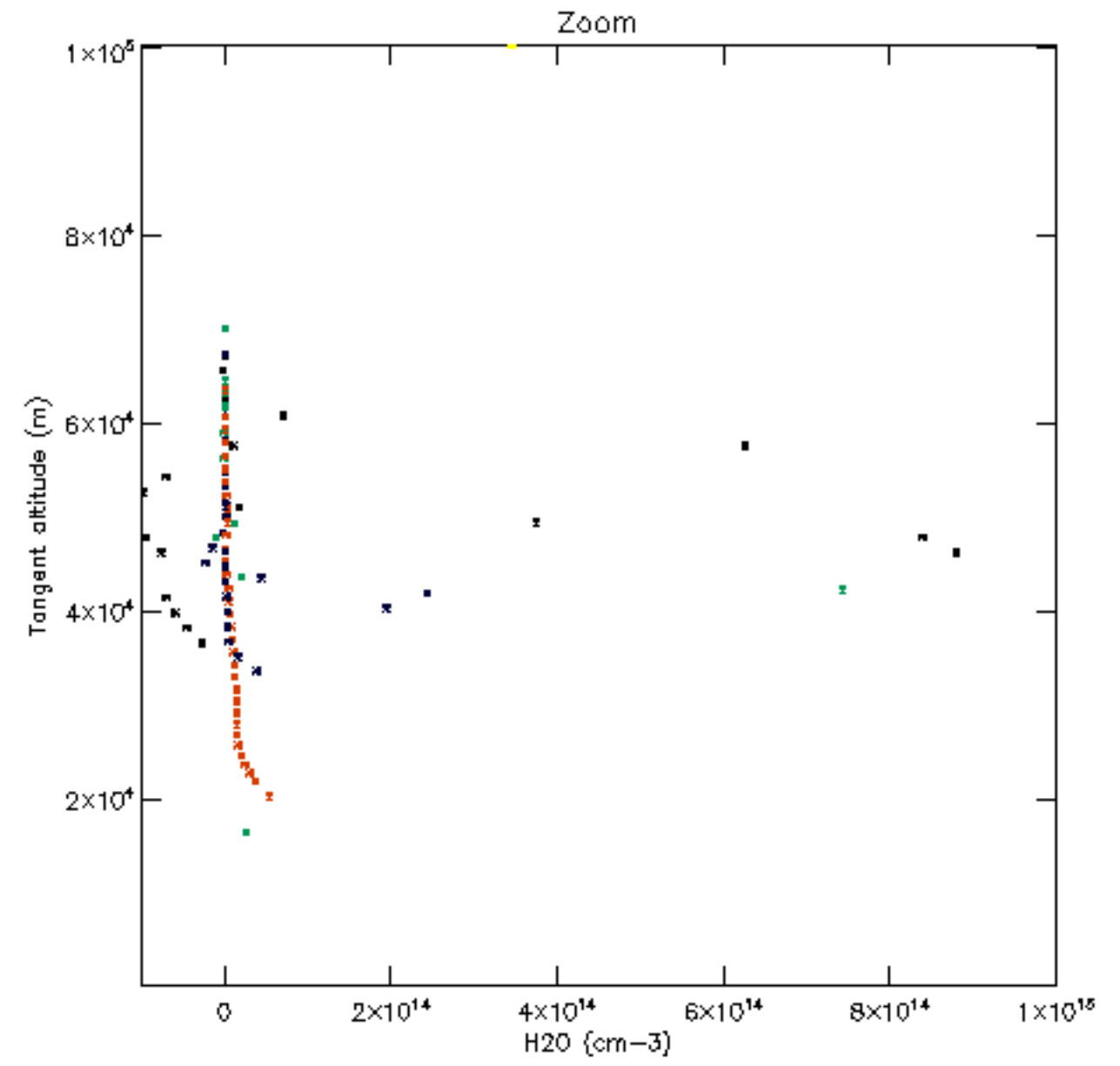
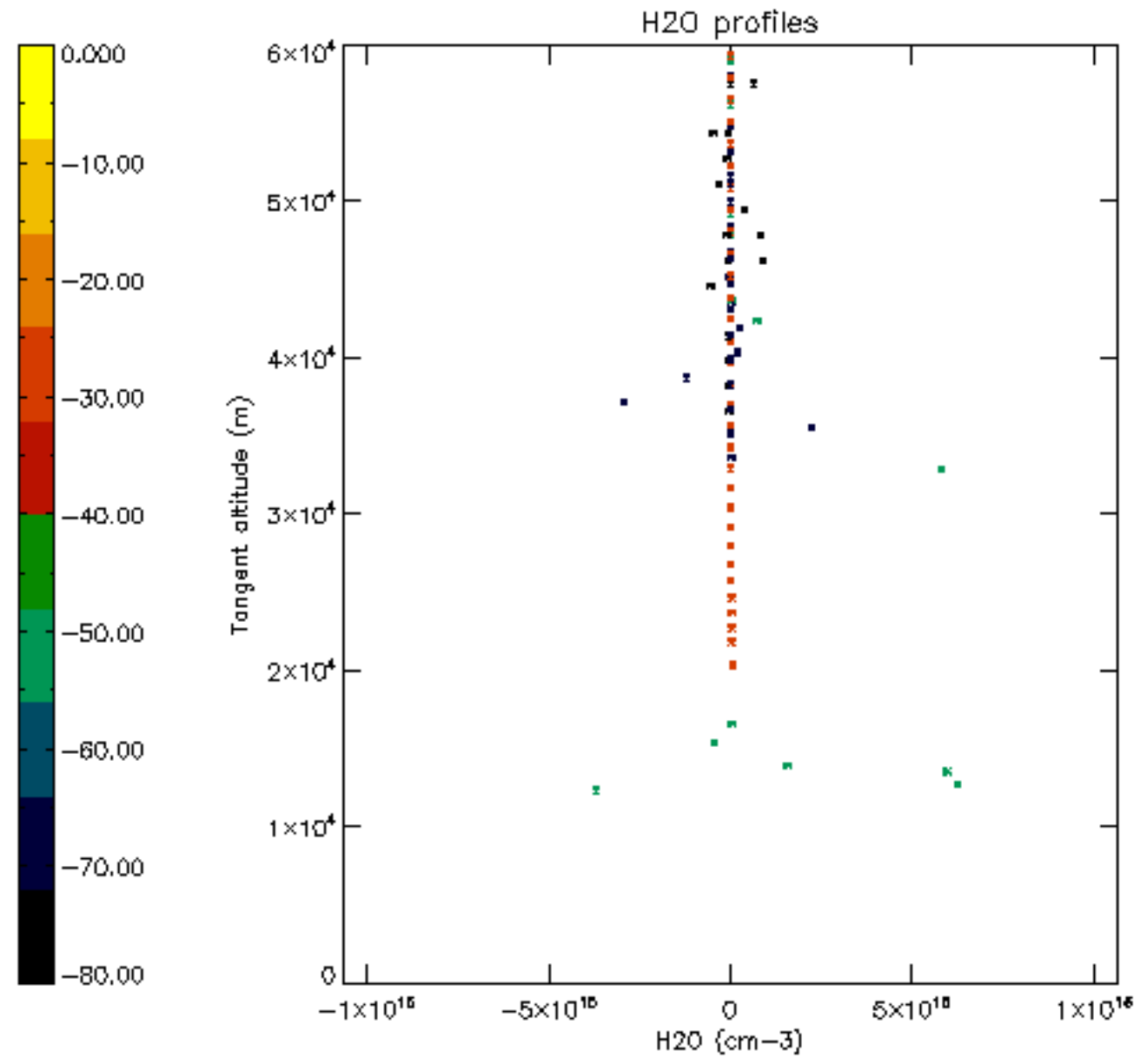


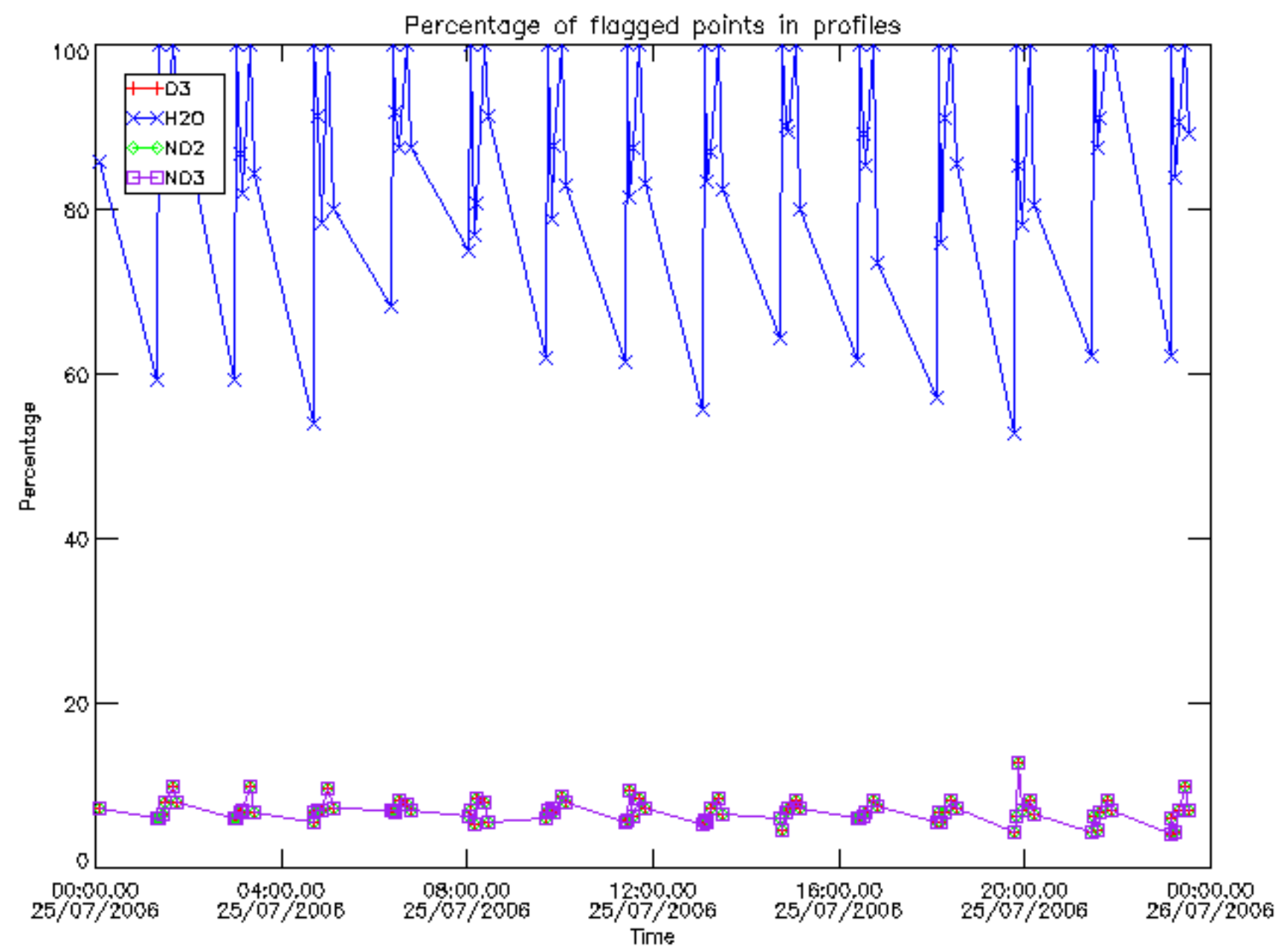




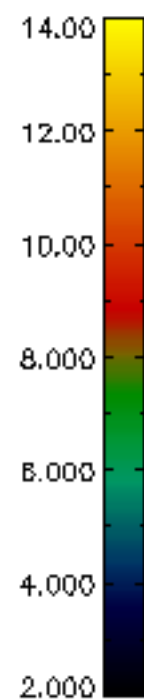
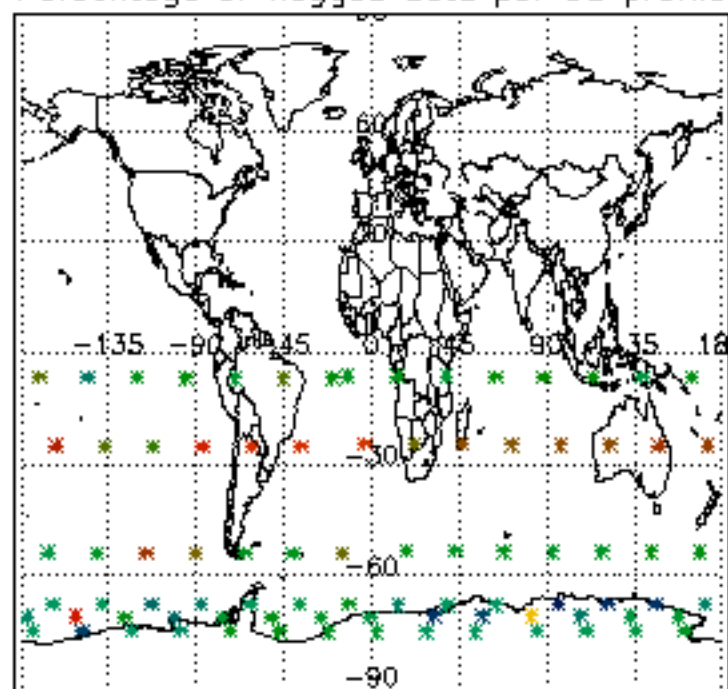




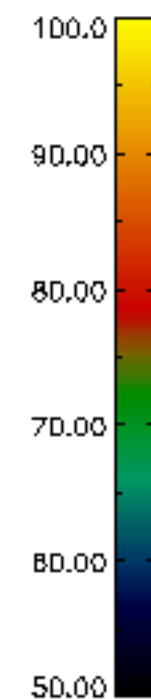
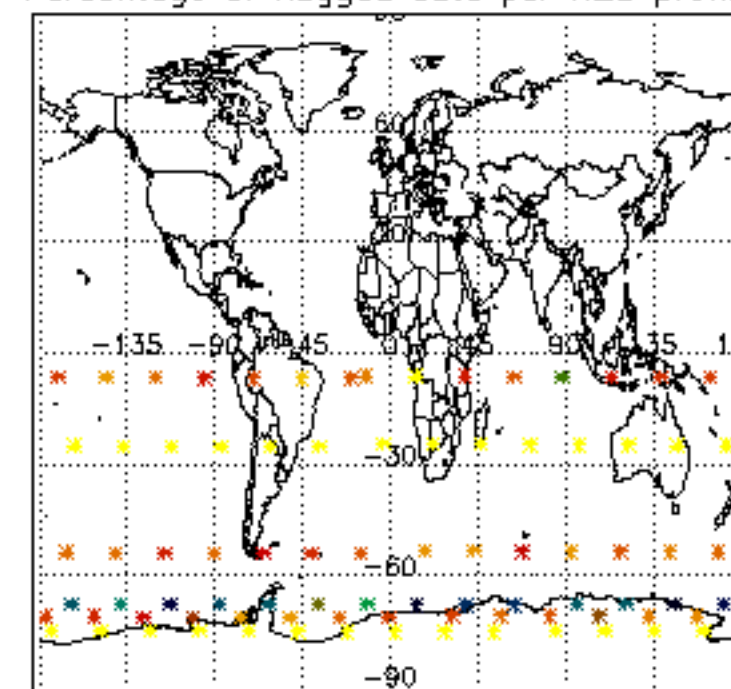




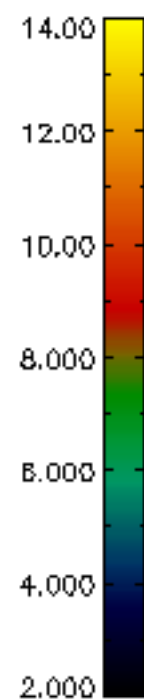
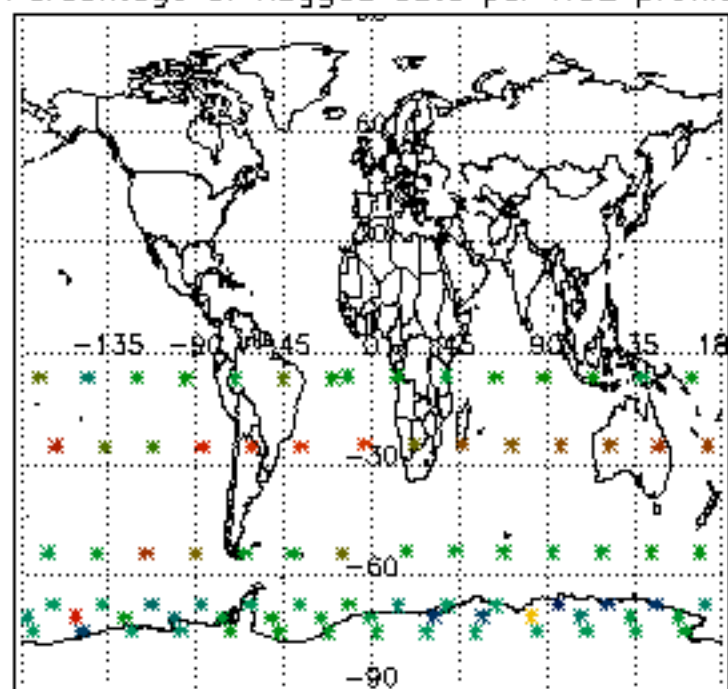
Percentage of flagged data per D3 profile



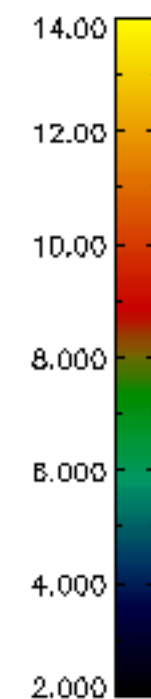
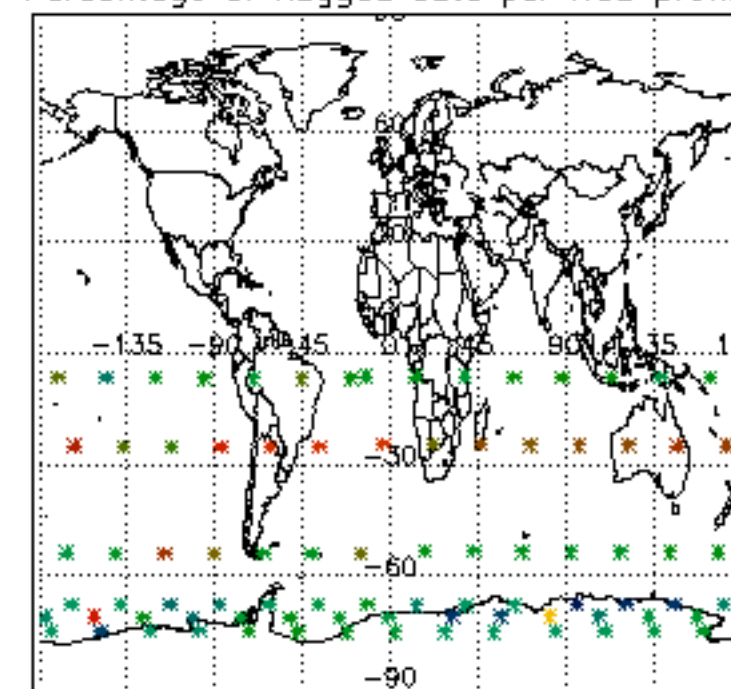
Percentage of flagged data per H2O profile

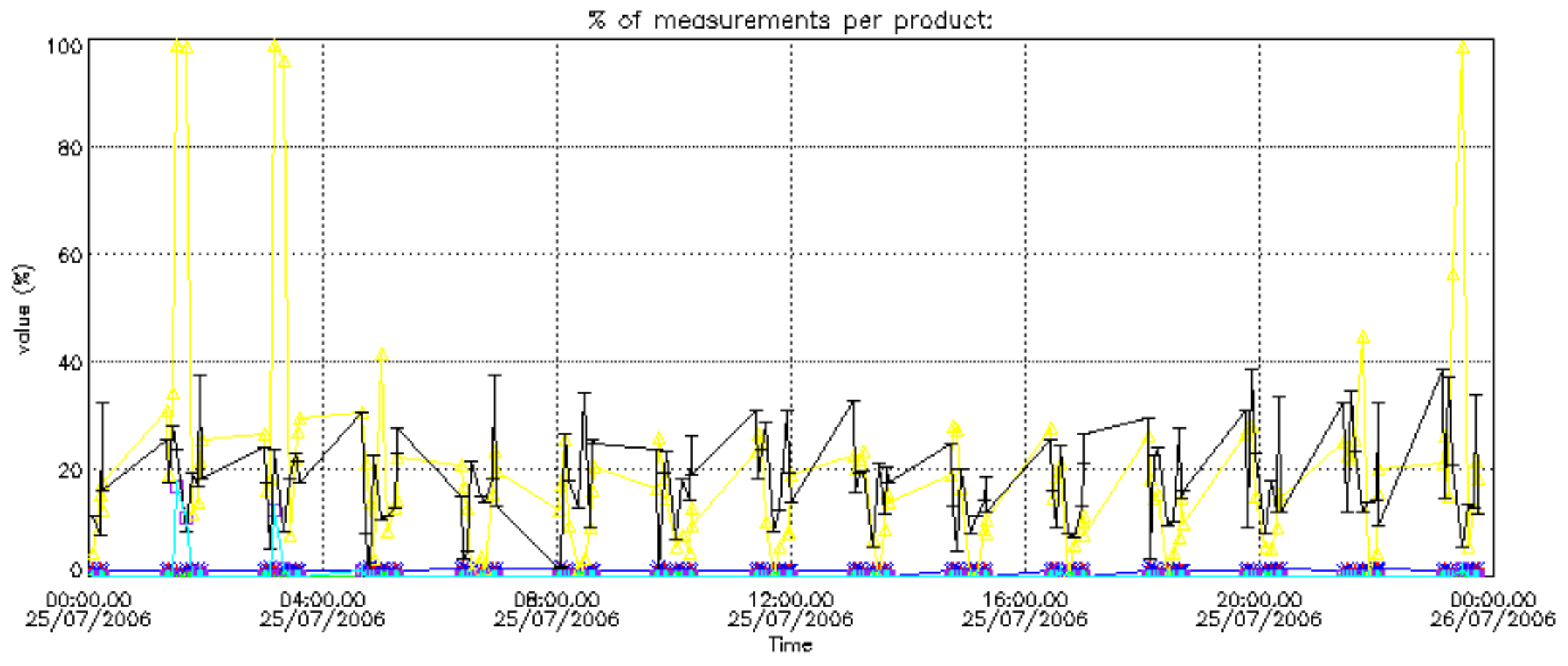


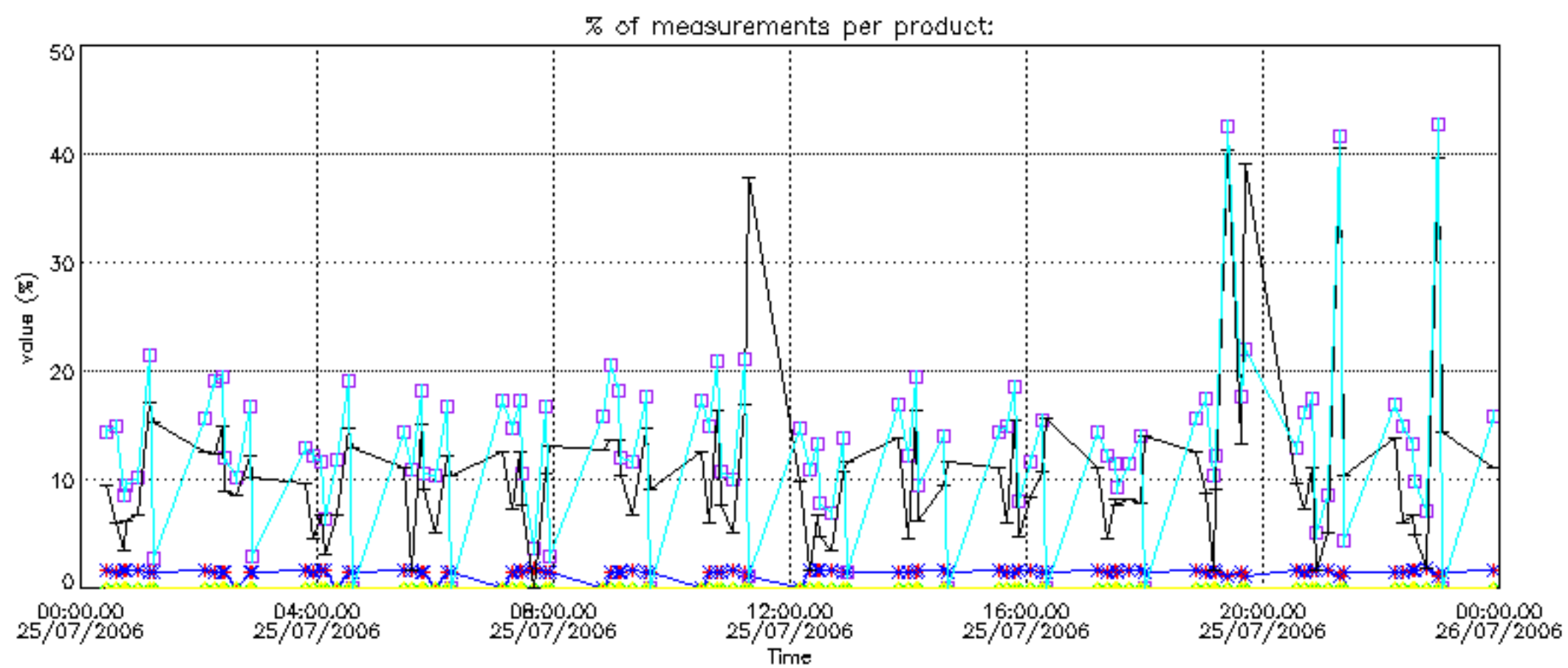
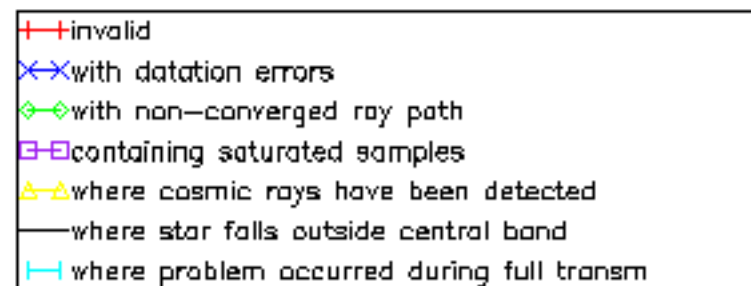
Percentage of flagged data per NO2 profile



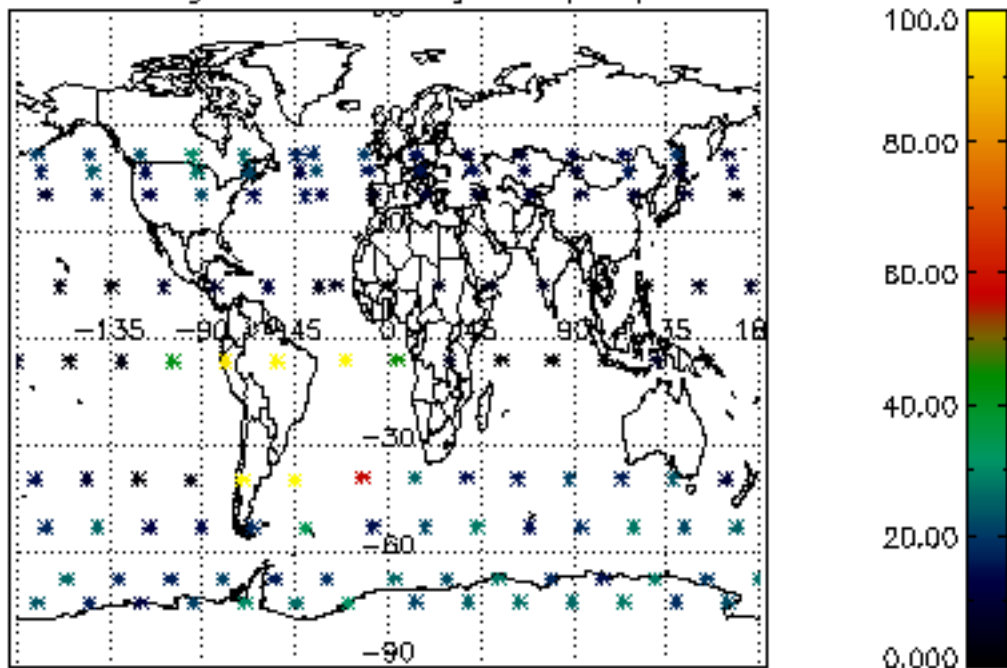
Percentage of flagged data per NO3 profile



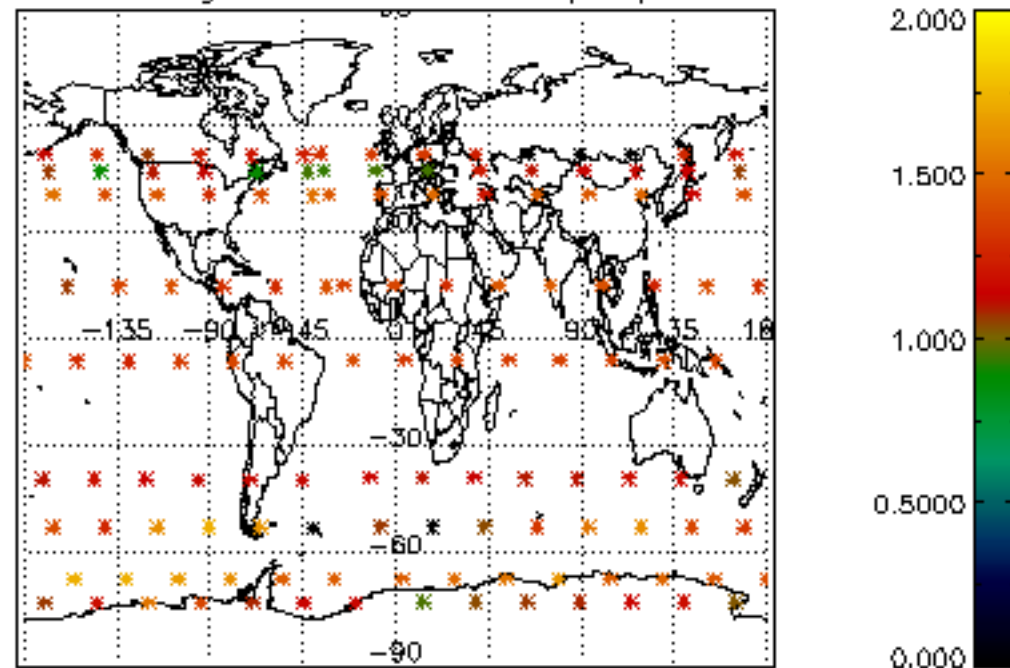




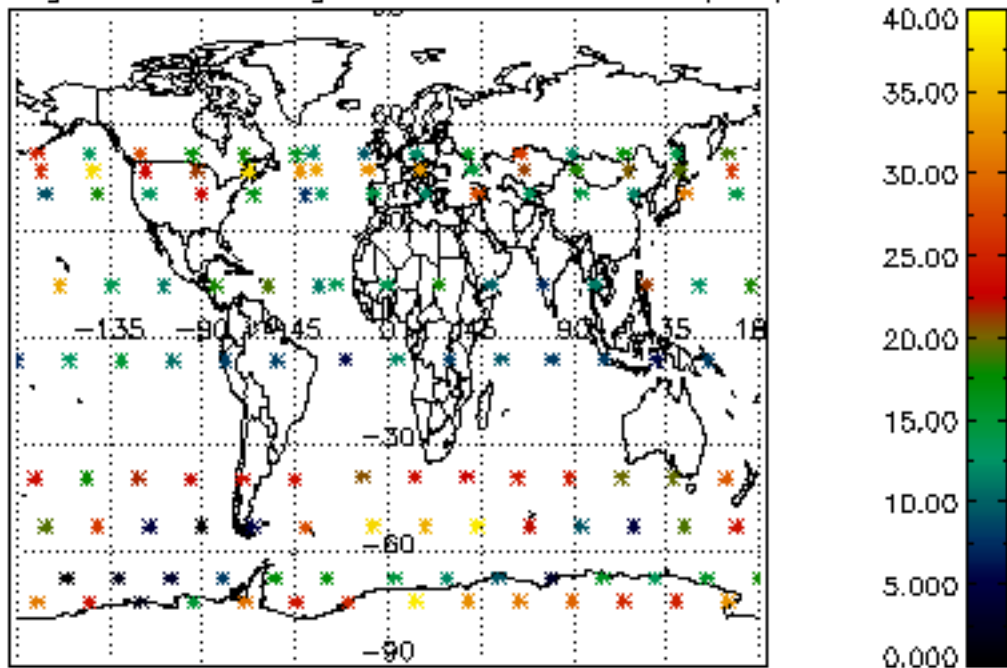
Percentage of cosmic ray hits per profile



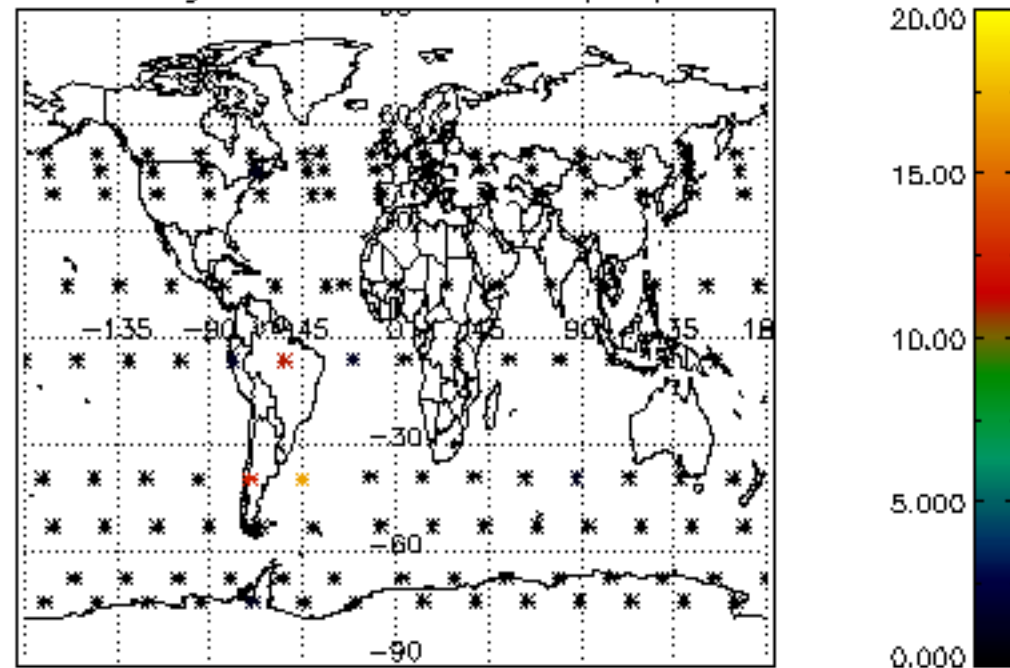
Percentage of datation errors per profile



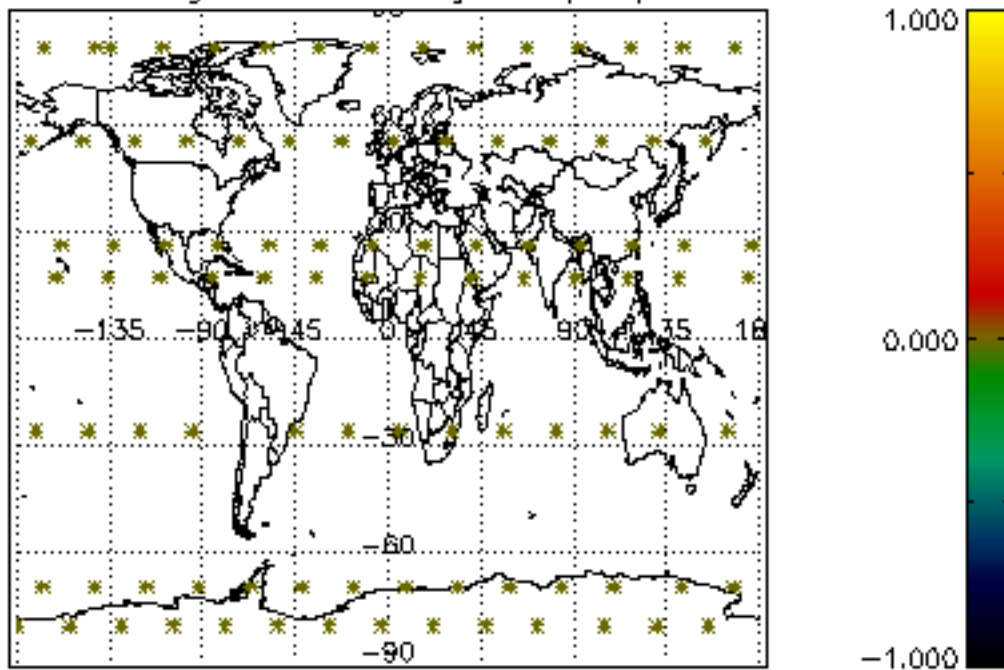
Percentage of star falling outside central band per profile



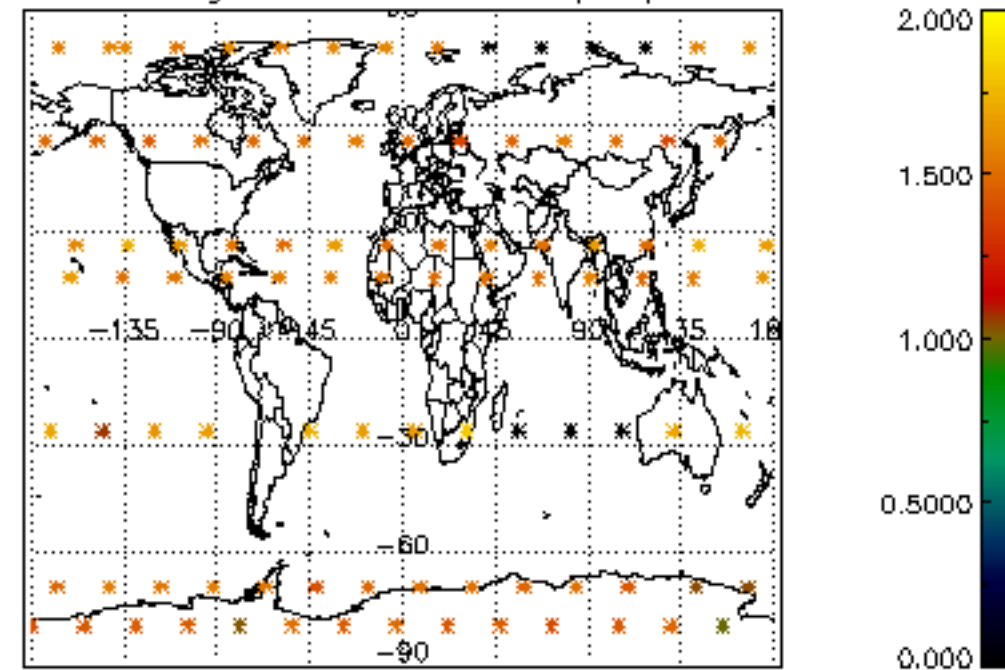
Percentage of saturation errors per profile



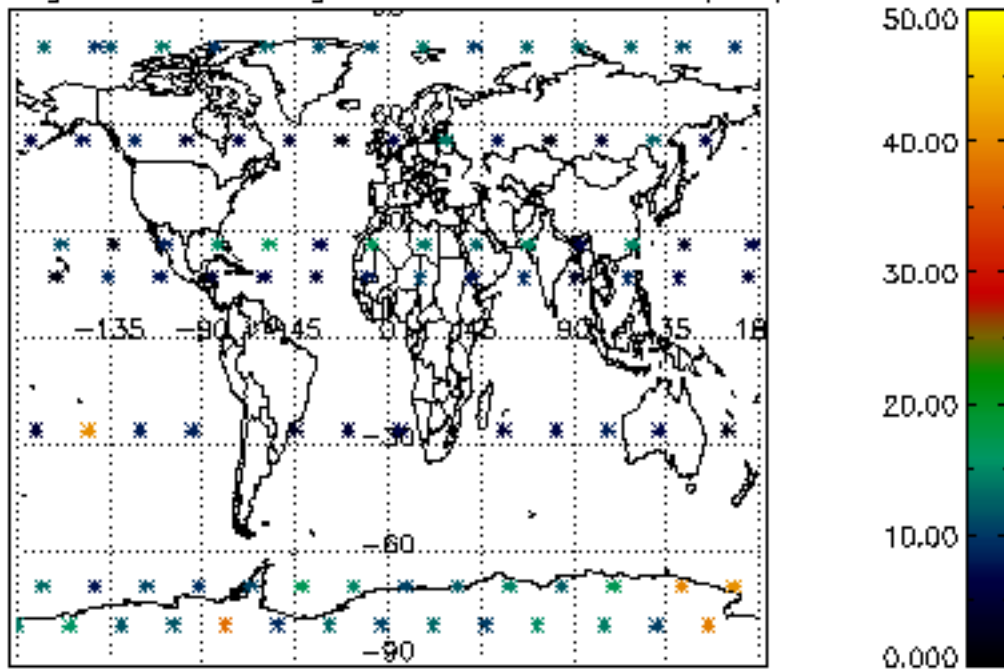
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

