

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	22APR2013 21:24:57
Data source version	GOMOS/6.01
Start time of products	03-07-2007 (03JUL2007 00:00:00)
Stop time of products	04-07-2007 (04JUL2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	266
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__2PRFIN20070703_000639_000000412059_00302_27911_6053.N1	03-JUL-2007 00:06:39	Dark	41.000	165	34Gam Eri	2.9500	3200.0	82	27911	No
2	GOM_NL__2PRFIN20070703_002115_000000392059_00303_27912_6052.N1	03-JUL-2007 00:21:15	Dark	39.000	9	Alp Eri	0.45300	24000.	78	27912	No
3	GOM_NL__2PRFIN20070703_002844_000000422059_00303_27912_6053.N1	03-JUL-2007 00:28:44	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	27912	No
4	GOM_NL__2PRFIN20070703_003304_000000412059_00303_27912_6054.N1	03-JUL-2007 00:33:04	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	27912	No
5	GOM_NL__2PRFIN20070703_004003_000000422059_00303_27912_6055.N1	03-JUL-2007 00:40:03	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	27912	No
6	GOM_NL__2PRFIN20070703_004143_000000422059_00303_27912_6056.N1	03-JUL-2007 00:41:43	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27912	No
7	GOM_NL__2PRFIN20070703_004308_000000452059_00303_27912_6057.N1	03-JUL-2007 00:43:08	Bright	44.500	116	19Del Sgr	2.7000	4100.0	89	27912	No
8	GOM_NL__2PRFIN20070703_004753_000000362059_00303_27912_6058.N1	03-JUL-2007 00:47:53	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	27912	No
9	GOM_NL__2PRFIN20070703_005329_000000372059_00303_27912_6059.N1	03-JUL-2007 00:53:29	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	27912	No
10	GOM_NL__2PRFIN20070703_005548_000000372059_00303_27912_6060.N1	03-JUL-2007 00:55:48	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	27912	No
11	GOM_NL__2PRFIN20070703_005834_000000342059_00303_27912_6061.N1	03-JUL-2007 00:58:34	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	27912	No
12	GOM_NL__2PRFIN20070703_010117_000000352059_00303_27912_6062.N1	03-JUL-2007 01:01:17	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	27912	No
13	GOM_NL__2PRFIN20070703_010713_000000362059_00303_27912_6063.N1	03-JUL-2007 01:07:13	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	27912	No
14	GOM_NL__2PRFIN20070703_010941_000000522059_00303_27912_6064.N1	03-JUL-2007 01:09:41	Bright	52.000	119	14Eta Dra	2.7270	4700.0	104	27912	No
15	GOM_NL__2PRFIN20070703_011342_000000322059_00303_27912_6065.N1	03-JUL-2007 01:13:42	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	27912	No
16	GOM_NL__2PRFIN20070703_011752_000000352059_00303_27912_6066.N1	03-JUL-2007 01:17:52	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	27912	No
17	GOM_NL__2PRFIN20070703_012918_000000482059_00303_27912_6067.N1	03-JUL-2007 01:29:18	Bright	48.000	35	33Alp Per	1.7950	6250.0	96	27912	No
18	GOM_NL__2PRFIN20070703_013650_000000392059_00303_27912_6068.N1	03-JUL-2007 01:36:50	Twilight	38.500	146	25Eta Tau	2.8730	15200.	77	27912	No
19	GOM_NL__2PRFIN20070703_014715_000000392059_00303_27912_6069.N1	03-JUL-2007 01:47:15	Dark	39.000	165	34Gam Eri	2.9500	3200.0	78	27912	No
20	GOM_NL__2PRFIN20070703_020151_000000522059_00304_27913_6074.N1	03-JUL-2007 02:01:51	Dark	52.000	9	Alp Eri	0.45300	24000.	104	27913	No
21	GOM_NL__2PRFIN20070703_020921_000000412059_00304_27913_6075.N1	03-JUL-2007 02:09:21	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	27913	No
22	GOM_NL__2PRFIN20070703_021340_000000422059_00304_27913_6076.N1	03-JUL-2007 02:13:40	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27913	No
23	GOM_NL__2PRFIN20070703_022039_000000412059_00304_27913_6077.N1	03-JUL-2007 02:20:39	Twi_and_stray	40.500	40	The Sco	1.8590	7100.0	81	27913	No
24	GOM_NL__2PRFIN20070703_022219_000000402059_00304_27913_6078.N1	03-JUL-2007 02:22:19	Twi_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	27913	No
25	GOM_NL__2PRFIN20070703_022344_000000512059_00304_27913_6079.N1	03-JUL-2007 02:23:44	Bright	51.000	116	19Del Sgr	2.7000	4100.0	102	27913	No
26	GOM_NL__2PRFIN20070703_022830_000000362059_00304_27913_6080.N1	03-JUL-2007 02:28:30	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	27913	No
27	GOM_NL__2PRFIN20070703_023405_000000372059_00304_27913_6081.N1	03-JUL-2007 02:34:05	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	27913	No
28	GOM_NL__2PRFIN20070703_023624_000000382059_00304_27913_6082.N1	03-JUL-2007 02:36:24	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	27913	No
29	GOM_NL__2PRFIN20070703_023910_000000372059_00304_27913_6083.N1	03-JUL-2007 02:39:10	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27913	No
30	GOM_NL__2PRFIN20070703_024153_000000342059_00304_27913_6084.N1	03-JUL-2007 02:41:53	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	27913	No
31	GOM_NL__2PRFIN20070703_024749_000000362059_00304_27913_6085.N1	03-JUL-2007 02:47:49	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	27913	No
32	GOM_NL__2PRFIN20070703_025017_000000332059_00304_27913_6086.N1	03-JUL-2007 02:50:17	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	27913	No
33	GOM_NL__2PRFIN20070703_025418_000000322059_00304_27913_6087.N1	03-JUL-2007 02:54:18	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	27913	No
34	GOM_NL__2PRFIN20070703_025828_000000342059_00304_27913_6088.N1	03-JUL-2007 02:58:28	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	27913	No
35	GOM_NL__2PRFIN20070703_030954_000000372059_00304_27913_6089.N1	03-JUL-2007 03:09:54	Bright	36.500	35	33Alp Per	1.7950	6250.0	73	27913	No
36	GOM_NL__2PRFIN20070703_031727_000000402059_00304_27913_6090.N1	03-JUL-2007 03:17:27	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	27913	No
37	GOM_NL__2PRFIN20070703_032751_000000402059_00304_27913_6091.N1	03-JUL-2007 03:27:51	Dark	40.000	165	34Gam Eri	2.9500	3200.0	80	27913	No
38	GOM_NL__2PRFIN20070703_034228_000000402059_00305_27914_6085.N1	03-JUL-2007 03:42:28	Dark	39.500	9	Alp Eri	0.45300	24000.	79	27914	No
39	GOM_NL__2PRFIN20070703_034957_000000422059_00305_27914_6086.N1	03-JUL-2007 03:49:57	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	27914	No
40	GOM_NL__2PRFIN20070703_035417_000000392059_00305_27914_6087.N1	03-JUL-2007 03:54:17	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	27914	No
41	GOM_NL__2PRFIN20070703_040115_000000412059_00305_27914_6088.N1	03-JUL-2007 04:01:15	Twi_and_stray	40.500	40	The Sco	1.8590	7100.0	81	27914	No
42	GOM_NL__2PRFIN20070703_040255_000000392059_00305_27914_6089.N1	03-JUL-2007 04:02:55	Twi_and_stray	39.000	25	35Lam Sco	1.6200	28000.	78	27914	No

43	GOM_NL__2PRFIN20070703_040421_000000472059_00305_27914_6090.N1	03-JUL-2007 04:04:21	Bright	46.500	116	19Del Sgr	2.7000	4100.0	93	27914	No
44	GOM_NL__2PRFIN20070703_040906_000000362059_00305_27914_6091.N1	03-JUL-2007 04:09:06	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	27914	No
45	GOM_NL__2PRFIN20070703_041441_000000372059_00305_27914_6092.N1	03-JUL-2007 04:14:41	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	27914	No
46	GOM_NL__2PRFIN20070703_041700_000000382059_00305_27914_6093.N1	03-JUL-2007 04:17:00	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	27914	No
47	GOM_NL__2PRFIN20070703_041947_000000372059_00305_27914_6094.N1	03-JUL-2007 04:19:47	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27914	No
48	GOM_NL__2PRFIN20070703_042229_000000362059_00305_27914_6095.N1	03-JUL-2007 04:22:29	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	27914	No
49	GOM_NL__2PRFIN20070703_042825_000000362059_00305_27914_6096.N1	03-JUL-2007 04:28:25	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	27914	No
50	GOM_NL__2PRFIN20070703_043053_000000332059_00305_27914_6097.N1	03-JUL-2007 04:30:53	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	27914	No
51	GOM_NL__2PRFIN20070703_043454_000000372059_00305_27914_6098.N1	03-JUL-2007 04:34:54	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	27914	No
52	GOM_NL__2PRFIN20070703_043904_000000322059_00305_27914_6099.N1	03-JUL-2007 04:39:04	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	27914	No
53	GOM_NL__2PRFIN20070703_045030_000000372059_00305_27914_6100.N1	03-JUL-2007 04:50:30	Bright	36.500	35	33Alp Per	1.7950	6250.0	73	27914	No
54	GOM_NL__2PRFIN20070703_045803_000000392059_00305_27914_6101.N1	03-JUL-2007 04:58:03	Twilight	38.500	146	25Eta Tau	2.8730	15200.	77	27914	No
55	GOM_NL__2PRFIN20070703_050827_000000432059_00305_27914_6102.N1	03-JUL-2007 05:08:27	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	27914	No
56	GOM_NL__2PRFIN20070703_052304_000000432059_00306_27915_6101.N1	03-JUL-2007 05:23:04	Dark	43.000	9	Alp Eri	0.45300	24000.	86	27915	No
57	GOM_NL__2PRFIN20070703_053034_000000432059_00306_27915_6102.N1	03-JUL-2007 05:30:34	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	27915	No
58	GOM_NL__2PRFIN20070703_053453_000000432059_00306_27915_6103.N1	03-JUL-2007 05:34:53	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	27915	No
59	GOM_NL__2PRFIN20070703_054152_000000372059_00306_27915_6104.N1	03-JUL-2007 05:41:52	Tw_i_and_stray	37.000	40	The Sco	1.8590	7100.0	74	27915	No
60	GOM_NL__2PRFIN20070703_054331_000000402059_00306_27915_6105.N1	03-JUL-2007 05:43:31	Tw_i_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	27915	No
61	GOM_NL__2PRFIN20070703_054457_000000552059_00306_27915_6106.N1	03-JUL-2007 05:44:57	Bright	55.000	116	19Del Sgr	2.7000	4100.0	110	27915	No
62	GOM_NL__2PRFIN20070703_054942_000000362059_00306_27915_6107.N1	03-JUL-2007 05:49:42	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	27915	No
63	GOM_NL__2PRFIN20070703_055517_000000372059_00306_27915_6108.N1	03-JUL-2007 05:55:17	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	27915	No
64	GOM_NL__2PRFIN20070703_055736_000000372059_00306_27915_6109.N1	03-JUL-2007 05:57:36	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	27915	No
65	GOM_NL__2PRFIN20070703_060023_000000372059_00306_27915_6110.N1	03-JUL-2007 06:00:23	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27915	No
66	GOM_NL__2PRFIN20070703_060305_000000372059_00306_27915_6111.N1	03-JUL-2007 06:03:05	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	27915	No
67	GOM_NL__2PRFIN20070703_060901_000000362059_00306_27915_6112.N1	03-JUL-2007 06:09:01	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	27915	No
68	GOM_NL__2PRFIN20070703_061129_000000352059_00306_27915_6113.N1	03-JUL-2007 06:11:29	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	27915	No
69	GOM_NL__2PRFIN20070703_061531_000000342059_00306_27915_6114.N1	03-JUL-2007 06:15:31	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	27915	No
70	GOM_NL__2PRFIN20070703_061940_000000352059_00306_27915_6115.N1	03-JUL-2007 06:19:40	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	27915	No
71	GOM_NL__2PRFIN20070703_063106_000000372059_00306_27915_6116.N1	03-JUL-2007 06:31:06	Bright	36.500	35	33Alp Per	1.7950	6250.0	73	27915	No
72	GOM_NL__2PRFIN20070703_063839_000000392059_00306_27915_6117.N1	03-JUL-2007 06:38:39	Twilight	38.500	146	25Eta Tau	2.8730	15200.	77	27915	No
73	GOM_NL__2PRFIN20070703_064903_000000432059_00306_27915_6118.N1	03-JUL-2007 06:49:03	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	27915	No
74	GOM_NL__2PRFIN20070703_070341_000000442059_00307_27916_6117.N1	03-JUL-2007 07:03:41	Dark	44.000	9	Alp Eri	0.45300	24000.	88	27916	No
75	GOM_NL__2PRFIN20070703_071111_000000422059_00307_27916_6118.N1	03-JUL-2007 07:11:11	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	27916	No
76	GOM_NL__2PRFIN20070703_071530_000000412059_00307_27916_6119.N1	03-JUL-2007 07:15:30	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	27916	No
77	GOM_NL__2PRFIN20070703_072228_000000422059_00307_27916_6120.N1	03-JUL-2007 07:22:28	Tw_i_and_stray	41.500	40	The Sco	1.8590	7100.0	83	27916	No
78	GOM_NL__2PRFIN20070703_072408_000000422059_00307_27916_6121.N1	03-JUL-2007 07:24:08	Tw_i_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	27916	No
79	GOM_NL__2PRFIN20070703_072533_000000452059_00307_27916_6122.N1	03-JUL-2007 07:25:33	Bright	44.500	116	19Del Sgr	2.7000	4100.0	89	27916	No
80	GOM_NL__2PRFIN20070703_072645_000000412059_00307_27916_6123.N1	03-JUL-2007 07:26:45	Bright	40.500	137	22Lam Sgr	2.8240	4400.0	81	27916	No
81	GOM_NL__2PRFIN20070703_073018_000000372059_00307_27916_6124.N1	03-JUL-2007 07:30:18	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	27916	No
82	GOM_NL__2PRFIN20070703_073553_000000372059_00307_27916_6125.N1	03-JUL-2007 07:35:53	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	27916	No
83	GOM_NL__2PRFIN20070703_073812_000000382059_00307_27916_6126.N1	03-JUL-2007 07:38:12	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	27916	No
84	GOM_NL__2PRFIN20070703_074059_000000372059_00307_27916_6127.N1	03-JUL-2007 07:40:59	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27916	No
85	GOM_NL__2PRFIN20070703_074341_000000352059_00307_27916_6128.N1	03-JUL-2007 07:43:41	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	27916	No
86	GOM_NL__2PRFIN20070703_074936_000000362059_00307_27916_6129.N1	03-JUL-2007 07:49:36	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	27916	No
87	GOM_NL__2PRFIN20070703_075205_000000352059_00307_27916_6130.N1	03-JUL-2007 07:52:05	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	27916	No
88	GOM_NL__2PRFIN20070703_075607_000000362059_00307_27916_6131.N1	03-JUL-2007 07:56:07	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	27916	No
89	GOM_NL__2PRFIN20070703_080016_000000332059_00307_27916_6132.N1	03-JUL-2007 08:00:16	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	27916	No
90	GOM_NL__2PRFIN20070703_081142_000000362059_00307_27916_6133.N1	03-JUL-2007 08:11:42	Bright	35.500	35	33Alp Per	1.7950	6250.0	71	27916	No
91	GOM_NL__2PRFIN20070703_081916_000000392059_00307_27916_6134.N1	03-JUL-2007 08:19:16	Twilight	38.500	146	25Eta Tau	2.8730	15200.	77	27916	No
92	GOM_NL__2PRFIN20070703_082940_000000432059_00307_27916_6135.N1	03-JUL-2007 08:29:40	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	27916	No
93	GOM_NL__2PRFIN20070703_084417_000000412059_00308_27917_6160.N1	03-JUL-2007 08:44:17	Dark	40.500	9	Alp Eri	0.45300	24000.	81	27917	No
94	GOM_NL__2PRFIN20070703_085147_000000412059_00308_27917_6161.N1	03-JUL-2007 08:51:47	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	27917	No
95	GOM_NL__2PRFIN20070703_085606_000000402059_00308_27917_6162.N1	03-JUL-2007 08:56:06	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	27917	No
96	GOM_NL__2PRFIN20070703_090304_000000402059_00308_27917_6163.N1	03-JUL-2007 09:03:04	Tw_i_and_stray	39.500	40	The Sco	1.8590	7100.0	79	27917	No
97	GOM_NL__2PRFIN20070703_090444_000000402059_00308_27917_6164.N1	03-JUL-2007 09:04:44	Tw_i_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	27917	No
98	GOM_NL__2PRFIN20070703_090609_000000542059_00308_27917_6165.N1	03-JUL-2007 09:06:09	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	27917	No
99	GOM_NL__2PRFIN20070703_090721_000000402059_00308_27917_6166.N1	03-JUL-2007 09:07:21	Bright	39.500	137	22Lam Sgr	2.8240	4400.0	79	27917	No
100	GOM_NL__2PRFIN20070703_091054_000000362059_00308_27917_6167.N1	03-JUL-2007 09:10:54	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	27917	No
101	GOM_NL__2PRFIN20070703_091629_000000372059_00308_27917_6168.N1	03-JUL-2007 09:16:29	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	27917	No

102	GOM_NL__2PRFIN20070703_091848_000000372059_00308_27917_6169.N1	03-JUL-2007 09:18:48	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	27917	No
103	GOM_NL__2PRFIN20070703_092135_000000362059_00308_27917_6170.N1	03-JUL-2007 09:21:35	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	27917	No
104	GOM_NL__2PRFIN20070703_092417_000000342059_00308_27917_6171.N1	03-JUL-2007 09:24:17	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	27917	No
105	GOM_NL__2PRFIN20070703_093012_000000382059_00308_27917_6172.N1	03-JUL-2007 09:30:12	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	27917	No
106	GOM_NL__2PRFIN20070703_093241_000000362059_00308_27917_6173.N1	03-JUL-2007 09:32:41	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	27917	No
107	GOM_NL__2PRFIN20070703_093643_000000342059_00308_27917_6174.N1	03-JUL-2007 09:36:43	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	27917	No
108	GOM_NL__2PRFIN20070703_094052_000000362059_00308_27917_6175.N1	03-JUL-2007 09:40:52	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27917	No
109	GOM_NL__2PRFIN20070703_095218_000000382059_00308_27917_6176.N1	03-JUL-2007 09:52:18	Bright	37.500	35	33Alp Per	1.7950	6250.0	75	27917	No
110	GOM_NL__2PRFIN20070703_095951_000000382059_00308_27917_6177.N1	03-JUL-2007 09:59:51	Twilight	37.500	146	25Eta Tau	2.8730	15200.	75	27917	No
111	GOM_NL__2PRFIN20070703_101016_000000422059_00308_27917_6178.N1	03-JUL-2007 10:10:16	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	27917	No
112	GOM_NL__2PRFIN20070703_102453_000000402059_00309_27918_6179.N1	03-JUL-2007 10:24:53	Dark	40.000	9	Alp Eri	0.45300	24000.	80	27918	No
113	GOM_NL__2PRFIN20070703_103224_000000432059_00309_27918_6180.N1	03-JUL-2007 10:32:24	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	27918	No
114	GOM_NL__2PRFIN20070703_103642_000000432059_00309_27918_6181.N1	03-JUL-2007 10:36:42	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	27918	No
115	GOM_NL__2PRFIN20070703_104340_000000432059_00309_27918_6182.N1	03-JUL-2007 10:43:40	Tw_i_and_stray	42.500	40	The Sco	1.8590	7100.0	85	27918	No
116	GOM_NL__2PRFIN20070703_104520_000000412059_00309_27918_6183.N1	03-JUL-2007 10:45:20	Tw_i_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	27918	No
117	GOM_NL__2PRFIN20070703_104645_000000502059_00309_27918_6184.N1	03-JUL-2007 10:46:45	Bright	49.500	116	19Del Sgr	2.7000	4100.0	99	27918	No
118	GOM_NL__2PRFIN20070703_104757_000000442059_00309_27918_6185.N1	03-JUL-2007 10:47:57	Bright	44.000	137	22Lam Sgr	2.8240	4400.0	88	27918	No
119	GOM_NL__2PRFIN20070703_105130_000000372059_00309_27918_6186.N1	03-JUL-2007 10:51:30	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	27918	No
120	GOM_NL__2PRFIN20070703_105705_000000362059_00309_27918_6187.N1	03-JUL-2007 10:57:05	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	27918	No
121	GOM_NL__2PRFIN20070703_105924_000000372059_00309_27918_6188.N1	03-JUL-2007 10:59:24	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	27918	No
122	GOM_NL__2PRFIN20070703_110211_000000362059_00309_27918_6189.N1	03-JUL-2007 11:02:11	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	27918	No
123	GOM_NL__2PRFIN20070703_110453_000000362059_00309_27918_6190.N1	03-JUL-2007 11:04:53	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	27918	No
124	GOM_NL__2PRFIN20070703_111048_000000382059_00309_27918_6191.N1	03-JUL-2007 11:10:48	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	27918	No
125	GOM_NL__2PRFIN20070703_111317_000000362059_00309_27918_6192.N1	03-JUL-2007 11:13:17	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27918	No
126	GOM_NL__2PRFIN20070703_111719_000000372059_00309_27918_6193.N1	03-JUL-2007 11:17:19	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27918	No
127	GOM_NL__2PRFIN20070703_112128_000000352059_00309_27918_6194.N1	03-JUL-2007 11:21:28	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	27918	No
128	GOM_NL__2PRFIN20070703_113254_000000372059_00309_27918_6195.N1	03-JUL-2007 11:32:54	Bright	37.000	35	33Alp Per	1.7950	6250.0	74	27918	No
129	GOM_NL__2PRFIN20070703_114027_000000392059_00309_27918_6196.N1	03-JUL-2007 11:40:27	Twilight	38.500	146	25Eta Tau	2.8730	15200.	77	27918	No
130	GOM_NL__2PRFIN20070703_115052_000000412059_00309_27918_6197.N1	03-JUL-2007 11:50:52	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	27918	No
131	GOM_NL__2PRFIN20070703_120530_000000422059_00310_27919_6184.N1	03-JUL-2007 12:05:30	Dark	41.500	9	Alp Eri	0.45300	24000.	83	27919	No
132	GOM_NL__2PRFIN20070703_121300_000000432059_00310_27919_6185.N1	03-JUL-2007 12:13:00	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	27919	No
133	GOM_NL__2PRFIN20070703_121719_000000462059_00310_27919_6186.N1	03-JUL-2007 12:17:19	Straylight	45.500	45	Alp Pav	1.9400	26000.	91	27919	No
134	GOM_NL__2PRFIN20070703_122416_000000422059_00310_27919_6187.N1	03-JUL-2007 12:24:16	Tw_i_and_stray	42.000	40	The Sco	1.8590	7100.0	84	27919	No
135	GOM_NL__2PRFIN20070703_122556_000000402059_00310_27919_6188.N1	03-JUL-2007 12:25:56	Tw_i_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	27919	No
136	GOM_NL__2PRFIN20070703_122721_000000492059_00310_27919_6189.N1	03-JUL-2007 12:27:21	Bright	48.500	116	19Del Sgr	2.7000	4100.0	97	27919	No
137	GOM_NL__2PRFIN20070703_122833_000000432059_00310_27919_6190.N1	03-JUL-2007 12:28:33	Bright	43.000	137	22Lam Sgr	2.8240	4400.0	86	27919	No
138	GOM_NL__2PRFIN20070703_123206_000000372059_00310_27919_6191.N1	03-JUL-2007 12:32:06	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	27919	No
139	GOM_NL__2PRFIN20070703_123741_000000362059_00310_27919_6192.N1	03-JUL-2007 12:37:41	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	27919	No
140	GOM_NL__2PRFIN20070703_124000_000000362059_00310_27919_6193.N1	03-JUL-2007 12:40:00	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	27919	No
141	GOM_NL__2PRFIN20070703_124247_000000362059_00310_27919_6194.N1	03-JUL-2007 12:42:47	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	27919	No
142	GOM_NL__2PRFIN20070703_124529_000000352059_00310_27919_6195.N1	03-JUL-2007 12:45:29	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	27919	No
143	GOM_NL__2PRFIN20070703_125124_000000372059_00310_27919_6196.N1	03-JUL-2007 12:51:24	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	27919	No
144	GOM_NL__2PRFIN20070703_125353_000000352059_00310_27919_6197.N1	03-JUL-2007 12:53:53	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	27919	No
145	GOM_NL__2PRFIN20070703_125755_000000362059_00310_27919_6198.N1	03-JUL-2007 12:57:55	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27919	No
146	GOM_NL__2PRFIN20070703_130204_000000362059_00310_27919_6199.N1	03-JUL-2007 13:02:04	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27919	No
147	GOM_NL__2PRFIN20070703_131329_000000392059_00310_27919_6200.N1	03-JUL-2007 13:13:29	Bright	38.500	35	33Alp Per	1.7950	6250.0	77	27919	No
148	GOM_NL__2PRFIN20070703_132104_000000402059_00310_27919_6201.N1	03-JUL-2007 13:21:04	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	27919	No
149	GOM_NL__2PRFIN20070703_133128_000000432059_00310_27919_6202.N1	03-JUL-2007 13:31:28	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	27919	No
150	GOM_NL__2PRFIN20070703_134606_000000422059_00311_27920_6196.N1	03-JUL-2007 13:46:06	Dark	42.000	9	Alp Eri	0.45300	24000.	84	27920	No
151	GOM_NL__2PRFIN20070703_135337_000000442059_00311_27920_6197.N1	03-JUL-2007 13:53:37	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	27920	No
152	GOM_NL__2PRFIN20070703_135755_000000412059_00311_27920_6198.N1	03-JUL-2007 13:57:55	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	27920	No
153	GOM_NL__2PRFIN20070703_140452_000000412059_00311_27920_6199.N1	03-JUL-2007 14:04:52	Tw_i_and_stray	41.000	40	The Sco	1.8590	7100.0	82	27920	No
154	GOM_NL__2PRFIN20070703_140632_000000402059_00311_27920_6200.N1	03-JUL-2007 14:06:32	Tw_i_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	27920	No
155	GOM_NL__2PRFIN20070703_140757_000000422059_00311_27920_6201.N1	03-JUL-2007 14:07:57	Bright	41.500	116	19Del Sgr	2.7000	4100.0	83	27920	No
156	GOM_NL__2PRFIN20070703_140909_000000402059_00311_27920_6202.N1	03-JUL-2007 14:09:09	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	27920	No
157	GOM_NL__2PRFIN20070703_141242_000000372059_00311_27920_6203.N1	03-JUL-2007 14:12:42	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	27920	No
158	GOM_NL__2PRFIN20070703_141817_000000362059_00311_27920_6204.N1	03-JUL-2007 14:18:17	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	27920	No
159	GOM_NL__2PRFIN20070703_142036_000000362059_00311_27920_6205.N1	03-JUL-2007 14:20:36	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	27920	No
160	GOM_NL__2PRFIN20070703_142323_000000342059_00311_27920_6206.N1	03-JUL-2007 14:23:23	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	27920	No

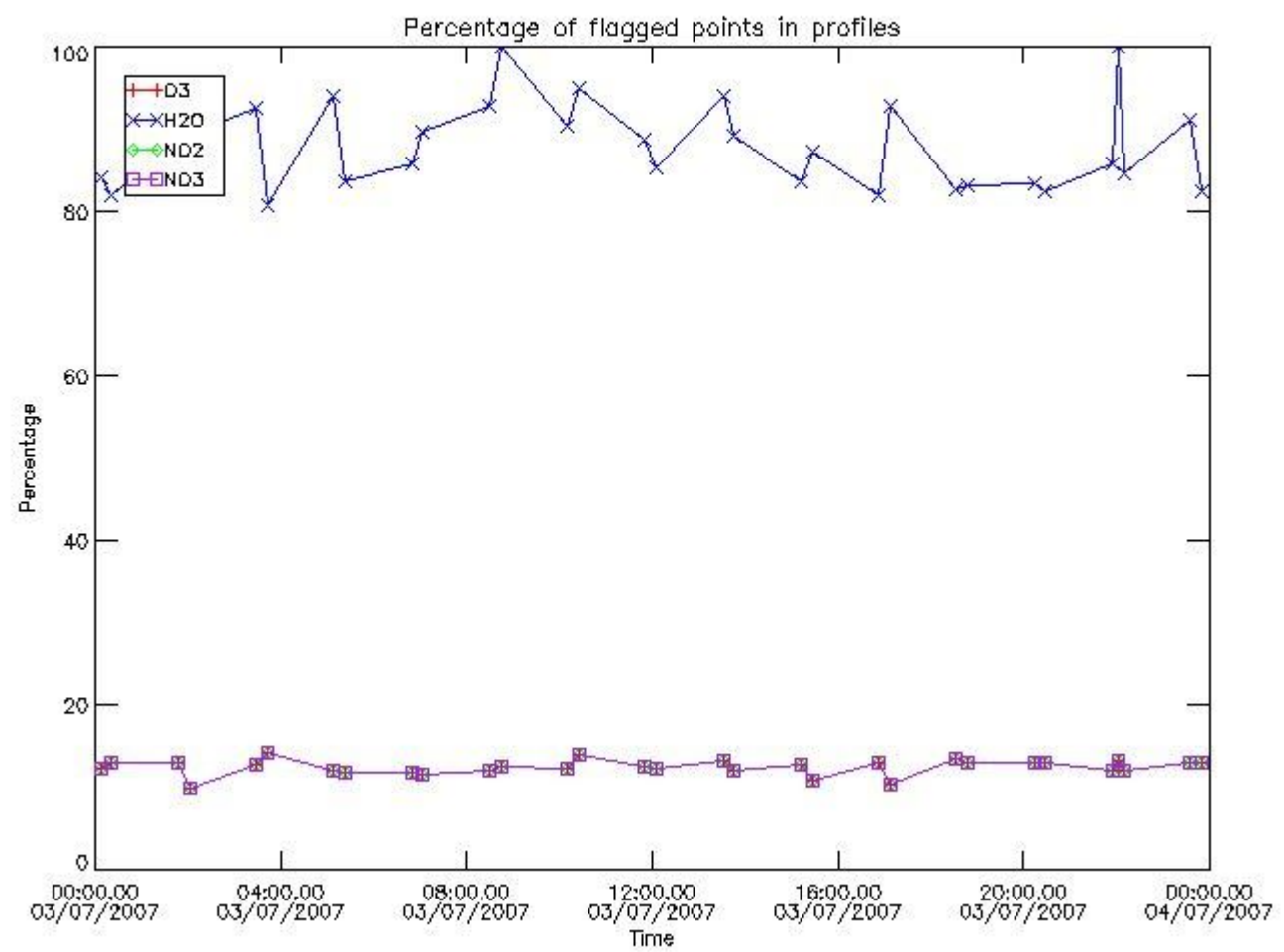
161	GOM_NL__2PRFIN20070703_142605_000000372059_00311_27920_6207.N1	03-JUL-2007 14:26:05	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	27920	No
162	GOM_NL__2PRFIN20070703_143159_000000382059_00311_27920_6208.N1	03-JUL-2007 14:31:59	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	27920	No
163	GOM_NL__2PRFIN20070703_143429_000000342059_00311_27920_6209.N1	03-JUL-2007 14:34:29	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	27920	No
164	GOM_NL__2PRFIN20070703_143831_000000362059_00311_27920_6210.N1	03-JUL-2007 14:38:31	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27920	No
165	GOM_NL__2PRFIN20070703_144240_000000352059_00311_27920_6211.N1	03-JUL-2007 14:42:40	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27920	No
166	GOM_NL__2PRFIN20070703_145405_000000362059_00311_27920_6212.N1	03-JUL-2007 14:54:05	Bright	35.500	35	33Alp Per	1.7950	6250.0	71	27920	No
167	GOM_NL__2PRFIN20070703_150140_000000412059_00311_27920_6213.N1	03-JUL-2007 15:01:40	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	27920	No
168	GOM_NL__2PRFIN20070703_151205_000000402059_00311_27920_6214.N1	03-JUL-2007 15:12:05	Dark	40.000	165	34Gam Eri	2.9500	3200.0	80	27920	No
169	GOM_NL__2PRFIN20070703_152643_000000472059_00312_27921_6204.N1	03-JUL-2007 15:26:43	Dark	47.000	9	Alp Eri	0.45300	24000.	94	27921	No
170	GOM_NL__2PRFIN20070703_153413_000000452059_00312_27921_6205.N1	03-JUL-2007 15:34:13	Straylight	44.500	148	Alp Tuc	2.8780	4100.0	89	27921	No
171	GOM_NL__2PRFIN20070703_153831_000000412059_00312_27921_6206.N1	03-JUL-2007 15:38:31	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	27921	No
172	GOM_NL__2PRFIN20070703_154528_000000422059_00312_27921_6207.N1	03-JUL-2007 15:45:28	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	27921	No
173	GOM_NL__2PRFIN20070703_154708_000000422059_00312_27921_6208.N1	03-JUL-2007 15:47:08	Twi_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	27921	No
174	GOM_NL__2PRFIN20070703_154834_000000442059_00312_27921_6209.N1	03-JUL-2007 15:48:34	Bright	43.500	116	19Del Sgr	2.7000	4100.0	87	27921	No
175	GOM_NL__2PRFIN20070703_154945_000000412059_00312_27921_6210.N1	03-JUL-2007 15:49:45	Bright	40.500	137	22Lam Sgr	2.8240	4400.0	81	27921	No
176	GOM_NL__2PRFIN20070703_155319_000000362059_00312_27921_6211.N1	03-JUL-2007 15:53:19	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	27921	No
177	GOM_NL__2PRFIN20070703_155853_000000372059_00312_27921_6212.N1	03-JUL-2007 15:58:53	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	27921	No
178	GOM_NL__2PRFIN20070703_160112_000000382059_00312_27921_6213.N1	03-JUL-2007 16:01:12	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	27921	No
179	GOM_NL__2PRFIN20070703_160359_000000352059_00312_27921_6214.N1	03-JUL-2007 16:03:59	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	27921	No
180	GOM_NL__2PRFIN20070703_160641_000000362059_00312_27921_6215.N1	03-JUL-2007 16:06:41	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	27921	No
181	GOM_NL__2PRFIN20070703_161235_000000372059_00312_27921_6216.N1	03-JUL-2007 16:12:35	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	27921	No
182	GOM_NL__2PRFIN20070703_161505_000000342059_00312_27921_6217.N1	03-JUL-2007 16:15:05	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	27921	No
183	GOM_NL__2PRFIN20070703_161907_000000332059_00312_27921_6218.N1	03-JUL-2007 16:19:07	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	27921	No
184	GOM_NL__2PRFIN20070703_162316_000000362059_00312_27921_6219.N1	03-JUL-2007 16:23:16	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27921	No
185	GOM_NL__2PRFIN20070703_163441_000000352059_00312_27921_6220.N1	03-JUL-2007 16:34:41	Bright	35.000	35	33Alp Per	1.7950	6250.0	70	27921	No
186	GOM_NL__2PRFIN20070703_164216_000000392059_00312_27921_6221.N1	03-JUL-2007 16:42:16	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	27921	No
187	GOM_NL__2PRFIN20070703_165241_000000392059_00312_27921_6222.N1	03-JUL-2007 16:52:41	Dark	39.000	165	34Gam Eri	2.9500	3200.0	78	27921	No
188	GOM_NL__2PRFIN20070703_170719_000000502059_00313_27922_6209.N1	03-JUL-2007 17:07:19	Dark	49.500	9	Alp Eri	0.45300	24000.	99	27922	No
189	GOM_NL__2PRFIN20070703_171450_000000422059_00313_27922_6210.N1	03-JUL-2007 17:14:50	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	27922	No
190	GOM_NL__2PRFIN20070703_171908_000000402059_00313_27922_6211.N1	03-JUL-2007 17:19:08	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	27922	No
191	GOM_NL__2PRFIN20070703_172604_000000442059_00313_27922_6212.N1	03-JUL-2007 17:26:04	Twi_and_stray	44.000	40	The Sco	1.8590	7100.0	88	27922	No
192	GOM_NL__2PRFIN20070703_172744_000000402059_00313_27922_6213.N1	03-JUL-2007 17:27:44	Twi_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	27922	No
193	GOM_NL__2PRFIN20070703_172910_000000452059_00313_27922_6214.N1	03-JUL-2007 17:29:10	Bright	45.000	116	19Del Sgr	2.7000	4100.0	90	27922	No
194	GOM_NL__2PRFIN20070703_173021_000000402059_00313_27922_6215.N1	03-JUL-2007 17:30:21	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	27922	No
195	GOM_NL__2PRFIN20070703_173355_000000362059_00313_27922_6216.N1	03-JUL-2007 17:33:55	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	27922	No
196	GOM_NL__2PRFIN20070703_173929_000000372059_00313_27922_6217.N1	03-JUL-2007 17:39:29	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	27922	No
197	GOM_NL__2PRFIN20070703_174148_000000372059_00313_27922_6218.N1	03-JUL-2007 17:41:48	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	27922	No
198	GOM_NL__2PRFIN20070703_174436_000000362059_00313_27922_6219.N1	03-JUL-2007 17:44:36	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	27922	No
199	GOM_NL__2PRFIN20070703_174717_000000362059_00313_27922_6220.N1	03-JUL-2007 17:47:17	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	27922	No
200	GOM_NL__2PRFIN20070703_175311_000000382059_00313_27922_6221.N1	03-JUL-2007 17:53:11	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	27922	No
201	GOM_NL__2PRFIN20070703_175541_000000362059_00313_27922_6222.N1	03-JUL-2007 17:55:41	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27922	No
202	GOM_NL__2PRFIN20070703_175943_000000332059_00313_27922_6223.N1	03-JUL-2007 17:59:43	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	27922	No
203	GOM_NL__2PRFIN20070703_180352_000000362059_00313_27922_6224.N1	03-JUL-2007 18:03:52	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27922	No
204	GOM_NL__2PRFIN20070703_181518_000000552059_00313_27922_6225.N1	03-JUL-2007 18:15:18	Bright	55.000	35	33Alp Per	1.7950	6250.0	110	27922	No
205	GOM_NL__2PRFIN20070703_182252_000000392059_00313_27922_6226.N1	03-JUL-2007 18:22:52	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	27922	No
206	GOM_NL__2PRFIN20070703_183317_000000382059_00313_27922_6227.N1	03-JUL-2007 18:33:17	Dark	38.000	165	34Gam Eri	2.9500	3200.0	76	27922	No
207	GOM_NL__2PRFIN20070703_184756_000000392059_00314_27923_6228.N1	03-JUL-2007 18:47:56	Dark	39.000	9	Alp Eri	0.45300	24000.	78	27923	No
208	GOM_NL__2PRFIN20070703_185526_000000412059_00314_27923_6229.N1	03-JUL-2007 18:55:26	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	27923	No
209	GOM_NL__2PRFIN20070703_185944_000000412059_00314_27923_6230.N1	03-JUL-2007 18:59:44	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	27923	No
210	GOM_NL__2PRFIN20070703_190641_000000412059_00314_27923_6231.N1	03-JUL-2007 19:06:41	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	27923	No
211	GOM_NL__2PRFIN20070703_190820_000000392059_00314_27923_6232.N1	03-JUL-2007 19:08:20	Twi_and_stray	39.000	25	35Lam Sco	1.6200	28000.	78	27923	No
212	GOM_NL__2PRFIN20070703_190946_000000462059_00314_27923_6233.N1	03-JUL-2007 19:09:46	Bright	45.500	116	19Del Sgr	2.7000	4100.0	91	27923	No
213	GOM_NL__2PRFIN20070703_191058_000000412059_00314_27923_6234.N1	03-JUL-2007 19:10:58	Bright	41.000	137	22Lam Sgr	2.8240	4400.0	82	27923	No
214	GOM_NL__2PRFIN20070703_191431_000000362059_00314_27923_6235.N1	03-JUL-2007 19:14:31	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	27923	No
215	GOM_NL__2PRFIN20070703_192005_000000372059_00314_27923_6236.N1	03-JUL-2007 19:20:05	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	27923	No
216	GOM_NL__2PRFIN20070703_192224_000000372059_00314_27923_6237.N1	03-JUL-2007 19:22:24	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	27923	No
217	GOM_NL__2PRFIN20070703_192512_000000372059_00314_27923_6238.N1	03-JUL-2007 19:25:12	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27923	No
218	GOM_NL__2PRFIN20070703_192754_000000352059_00314_27923_6239.N1	03-JUL-2007 19:27:54	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	27923	No
219	GOM_NL__2PRFIN20070703_193347_000000372059_00314_27923_6240.N1	03-JUL-2007 19:33:47	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	27923	No

220	GOM_NL__2PRFIN20070703_193617_000000372059_00314_27923_6241.N1	03-JUL-2007 19:36:17	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27923	No
221	GOM_NL__2PRFIN20070703_194019_000000372059_00314_27923_6242.N1	03-JUL-2007 19:40:19	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27923	No
222	GOM_NL__2PRFIN20070703_194428_000000362059_00314_27923_6243.N1	03-JUL-2007 19:44:28	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27923	No
223	GOM_NL__2PRFIN20070703_195554_000000362059_00314_27923_6244.N1	03-JUL-2007 19:55:54	Bright	35.500	35	33Alp Per	1.7950	6250.0	71	27923	No
224	GOM_NL__2PRFIN20070703_200328_000000412059_00314_27923_6245.N1	03-JUL-2007 20:03:28	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	27923	No
225	GOM_NL__2PRFIN20070703_201353_000000402059_00314_27923_6246.N1	03-JUL-2007 20:13:53	Dark	39.500	165	34Gam Eri	2.9500	3200.0	79	27923	No
226	GOM_NL__2PRFIN20070703_202832_000000432059_00315_27924_6240.N1	03-JUL-2007 20:28:32	Dark	43.000	9	Alp Eri	0.45300	24000.	86	27924	No
227	GOM_NL__2PRFIN20070703_203603_000000422059_00315_27924_3498.N1	03-JUL-2007 20:36:03	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	27924	No
228	GOM_NL__2PRFIN20070703_204021_000000402059_00315_27924_3499.N1	03-JUL-2007 20:40:21	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	27924	No
229	GOM_NL__2PRFIN20070703_204717_000000412059_00315_27924_3500.N1	03-JUL-2007 20:47:17	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	27924	No
230	GOM_NL__2PRFIN20070703_204856_000000412059_00315_27924_3501.N1	03-JUL-2007 20:48:56	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	27924	No
231	GOM_NL__2PRFIN20070703_205022_000000422059_00315_27924_3502.N1	03-JUL-2007 20:50:22	Bright	42.000	116	19Del Sgr	2.7000	4100.0	84	27924	No
232	GOM_NL__2PRFIN20070703_205134_000000422059_00315_27924_3503.N1	03-JUL-2007 20:51:34	Bright	41.500	137	22Lam Sgr	2.8240	4400.0	83	27924	No
233	GOM_NL__2PRFIN20070703_205507_000000372059_00315_27924_3504.N1	03-JUL-2007 20:55:07	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	27924	No
234	GOM_NL__2PRFIN20070703_210040_000000362059_00315_27924_3505.N1	03-JUL-2007 21:00:40	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	27924	No
235	GOM_NL__2PRFIN20070703_210259_000000362059_00315_27924_3506.N1	03-JUL-2007 21:02:59	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	27924	No
236	GOM_NL__2PRFIN20070703_210548_000000372059_00315_27924_3507.N1	03-JUL-2007 21:05:48	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27924	No
237	GOM_NL__2PRFIN20070703_210830_000000342059_00315_27924_3508.N1	03-JUL-2007 21:08:30	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	27924	No
238	GOM_NL__2PRFIN20070703_211423_000000382059_00315_27924_3509.N1	03-JUL-2007 21:14:23	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	27924	No
239	GOM_NL__2PRFIN20070703_211653_000000362059_00315_27924_3510.N1	03-JUL-2007 21:16:53	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	27924	No
240	GOM_NL__2PRFIN20070703_212055_000000362059_00315_27924_3511.N1	03-JUL-2007 21:20:55	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	27924	No
241	GOM_NL__2PRFIN20070703_212504_000000362059_00315_27924_3512.N1	03-JUL-2007 21:25:04	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27924	No
242	GOM_NL__2PRFIN20070703_213629_000000552059_00315_27924_3513.N1	03-JUL-2007 21:36:29	Bright	55.000	35	33Alp Per	1.7950	6250.0	110	27924	No
243	GOM_NL__2PRFIN20070703_214404_000000392059_00315_27924_3514.N1	03-JUL-2007 21:44:04	Twilight	38.500	146	25Eta Tau	2.8730	15200.	77	27924	No
244	GOM_NL__2PRFIN20070703_215429_000000432059_00315_27924_3515.N1	03-JUL-2007 21:54:29	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	27924	No
245	GOM_NL__2PRFIN20070703_220259_000000392059_00315_27924_3516.N1	03-JUL-2007 22:02:59	Dark	38.500	157	The1Eri	2.9060	9300.0	77	27924	No
246	GOM_NL__2PRFIN20070703_220909_000000432059_00316_27925_6254.N1	03-JUL-2007 22:09:09	Dark	42.500	9	Alp Eri	0.45300	24000.	85	27925	No
247	GOM_NL__2PRFIN20070703_221639_000000422059_00316_27925_6255.N1	03-JUL-2007 22:16:39	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	27925	No
248	GOM_NL__2PRFIN20070703_222057_000000402059_00316_27925_6256.N1	03-JUL-2007 22:20:57	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	27925	No
249	GOM_NL__2PRFIN20070703_222753_000000412059_00316_27925_6257.N1	03-JUL-2007 22:27:53	Twi_and_stray	40.500	40	The Sco	1.8590	7100.0	81	27925	No
250	GOM_NL__2PRFIN20070703_222932_000000432059_00316_27925_6258.N1	03-JUL-2007 22:29:32	Twi_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	27925	No
251	GOM_NL__2PRFIN20070703_223058_000000452059_00316_27925_6259.N1	03-JUL-2007 22:30:58	Bright	44.500	116	19Del Sgr	2.7000	4100.0	89	27925	No
252	GOM_NL__2PRFIN20070703_223210_000000432059_00316_27925_6260.N1	03-JUL-2007 22:32:10	Bright	42.500	137	22Lam Sgr	2.8240	4400.0	85	27925	No
253	GOM_NL__2PRFIN20070703_223543_000000362059_00316_27925_6261.N1	03-JUL-2007 22:35:43	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	27925	No
254	GOM_NL__2PRFIN20070703_224116_000000362059_00316_27925_6262.N1	03-JUL-2007 22:41:16	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	27925	No
255	GOM_NL__2PRFIN20070703_224335_000000352059_00316_27925_6263.N1	03-JUL-2007 22:43:35	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	27925	No
256	GOM_NL__2PRFIN20070703_224624_000000372059_00316_27925_6264.N1	03-JUL-2007 22:46:24	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27925	No
257	GOM_NL__2PRFIN20070703_224906_000000342059_00316_27925_6265.N1	03-JUL-2007 22:49:06	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	27925	No
258	GOM_NL__2PRFIN20070703_225458_000000382059_00316_27925_3523.N1	03-JUL-2007 22:54:58	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	27925	No
259	GOM_NL__2PRFIN20070703_225729_000000322059_00316_27925_3524.N1	03-JUL-2007 22:57:29	Bright	32.000	119	14Eta Dra	2.7270	4700.0	64	27925	No
260	GOM_NL__2PRFIN20070703_230131_000000362059_00316_27925_3525.N1	03-JUL-2007 23:01:31	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27925	No
261	GOM_NL__2PRFIN20070703_230539_000000352059_00316_27925_3526.N1	03-JUL-2007 23:05:39	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27925	No
262	GOM_NL__2PRFIN20070703_231705_000000452059_00316_27925_3527.N1	03-JUL-2007 23:17:05	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	27925	No
263	GOM_NL__2PRFIN20070703_232440_000000402059_00316_27925_3528.N1	03-JUL-2007 23:24:40	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	27925	No
264	GOM_NL__2PRFIN20070703_233506_000000392059_00316_27925_3529.N1	03-JUL-2007 23:35:06	Dark	39.000	165	34Gam Eri	2.9500	3200.0	78	27925	No
265	GOM_NL__2PRFIN20070703_234945_000000432059_00317_27926_6268.N1	03-JUL-2007 23:49:45	Dark	43.000	9	Alp Eri	0.45300	24000.	86	27926	No
266	GOM_NL__2PRFIN20070703_235716_000000432059_00317_27926_6269.N1	03-JUL-2007 23:57:16	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	27926	No

3. Quality information per product

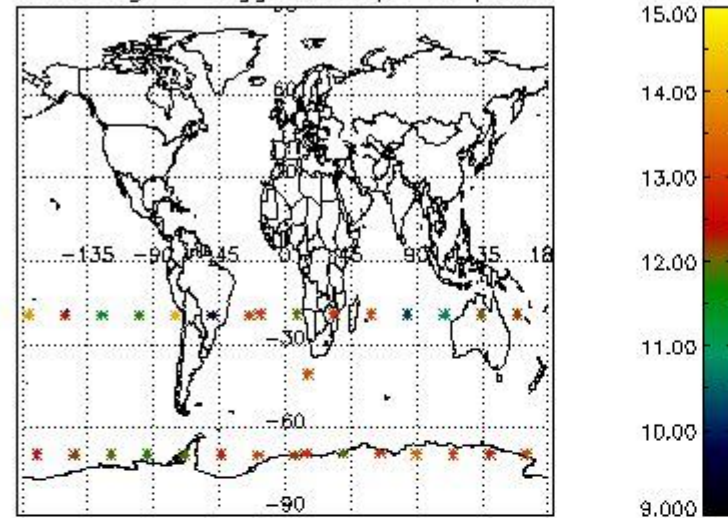
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

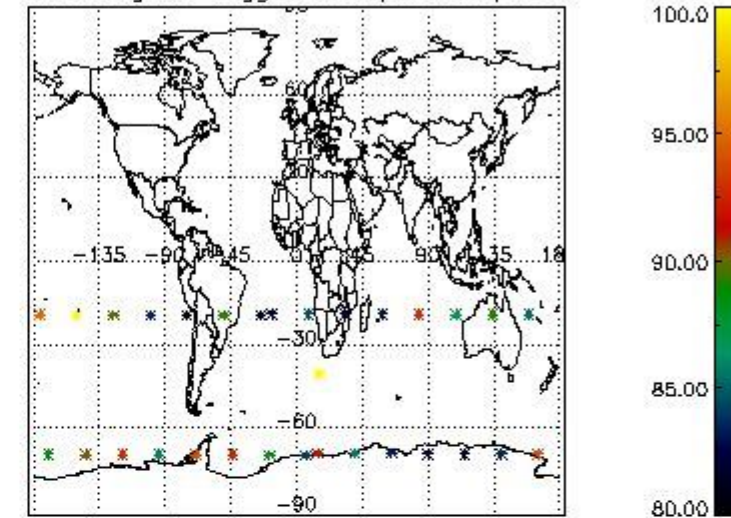


3.2 Plot quality information per product (world map)

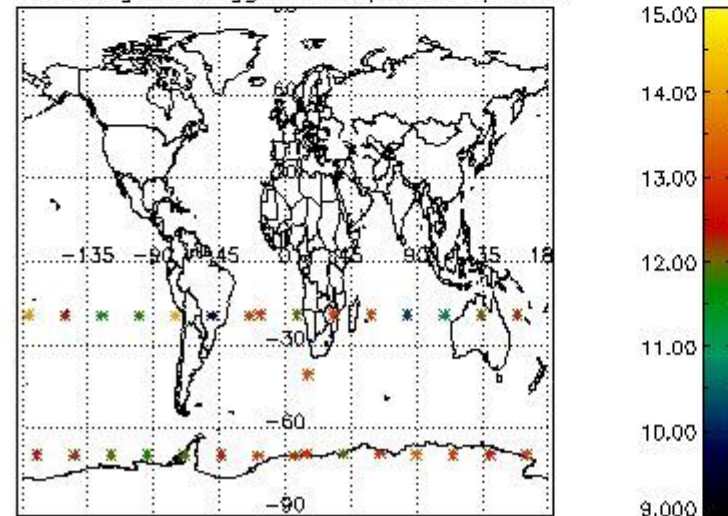
Percentage of flagged data per O3 profile



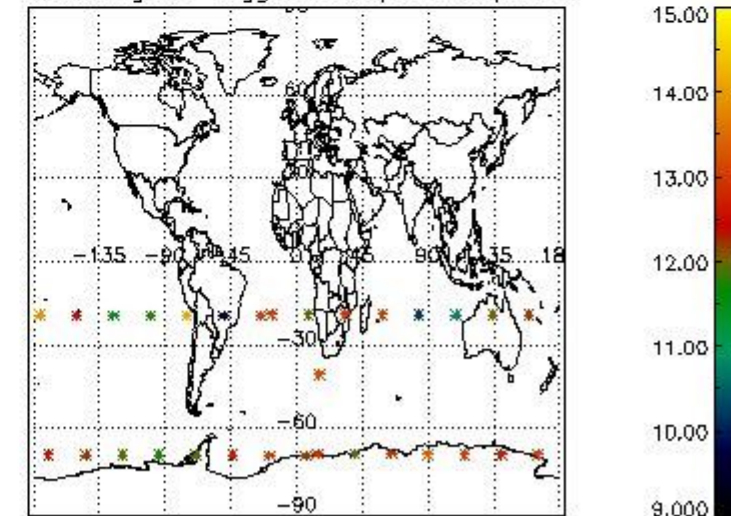
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

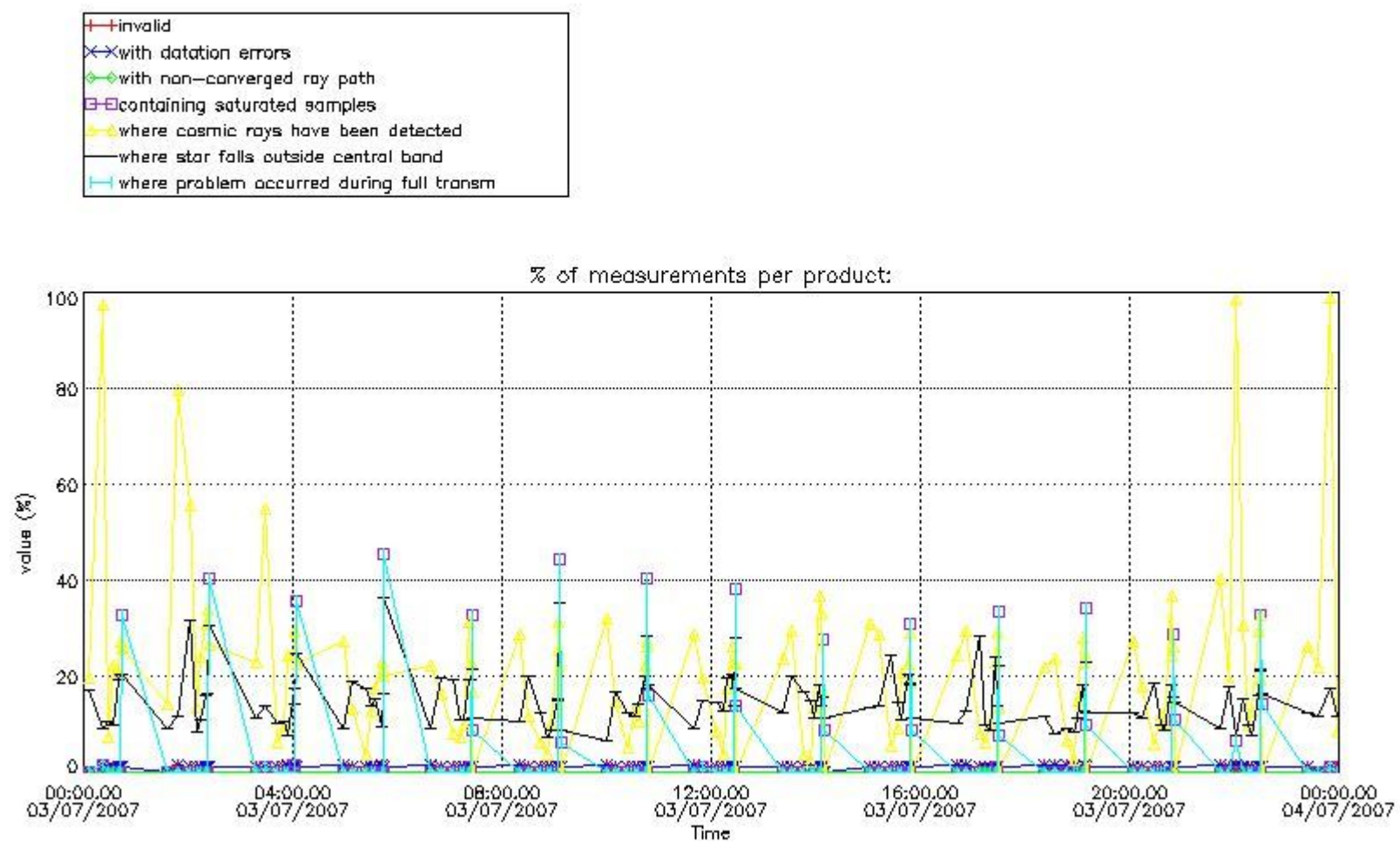


4. Level 1 quality information per product

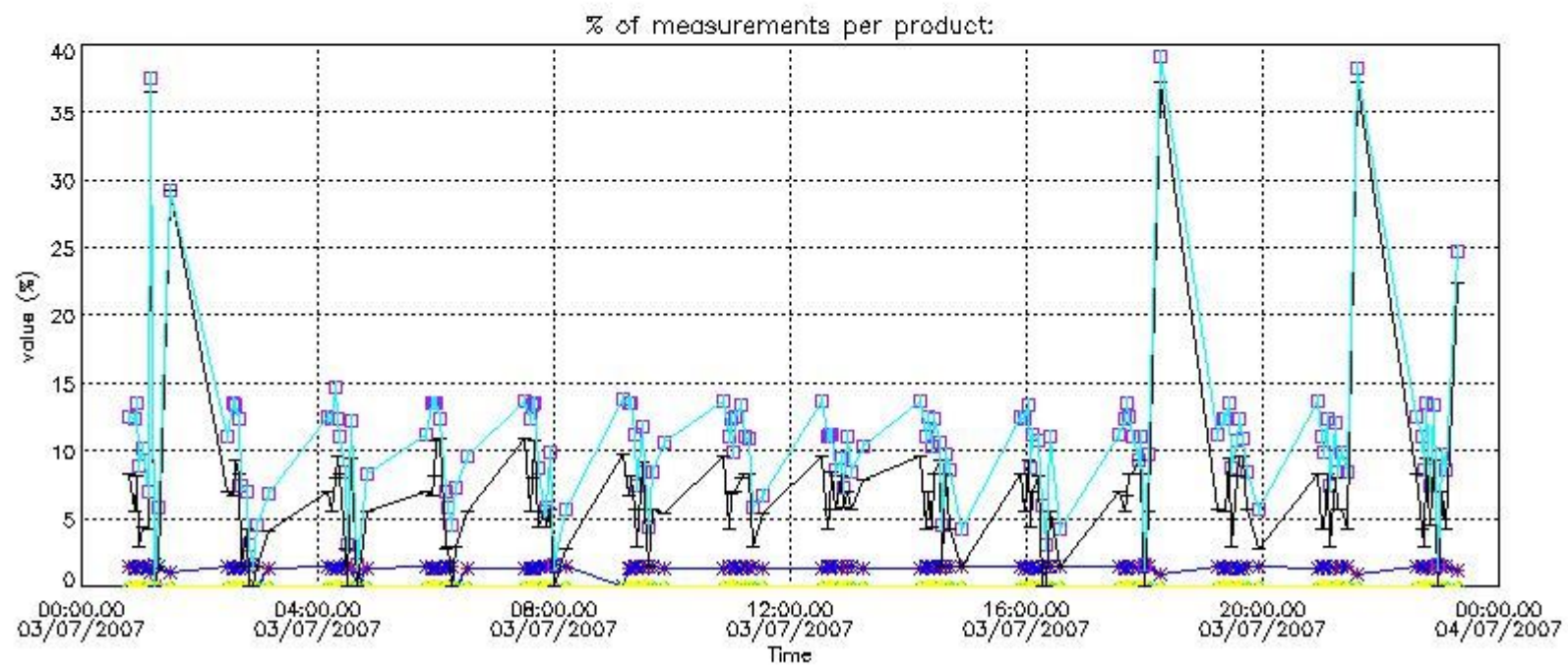
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



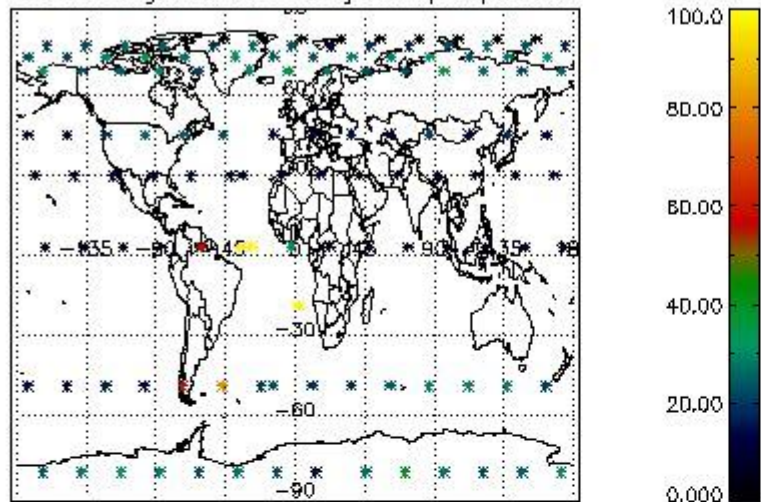
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



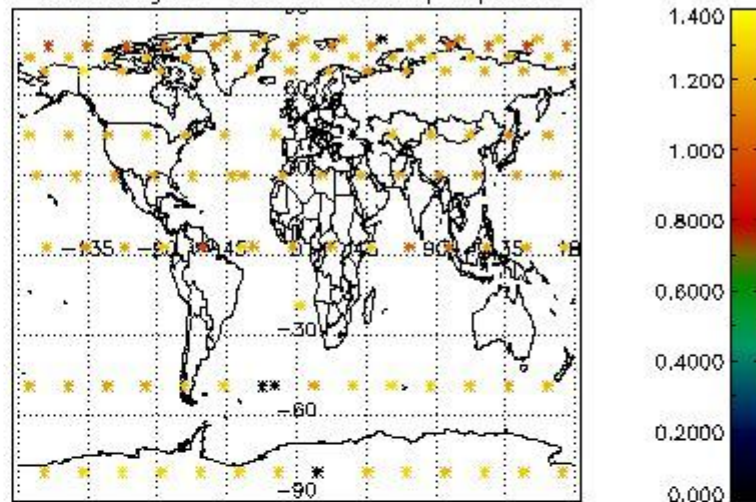
4.2 Plot quality information per product coming from level 1b processing (world map)

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

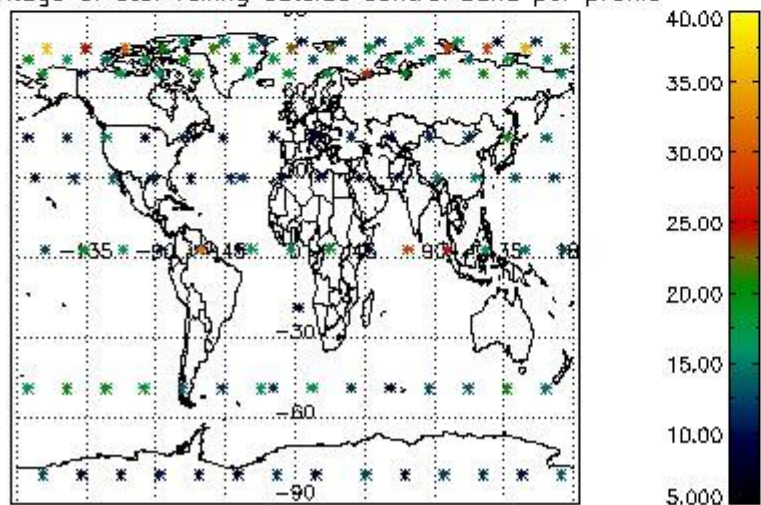
Percentage of cosmic ray hits per profile



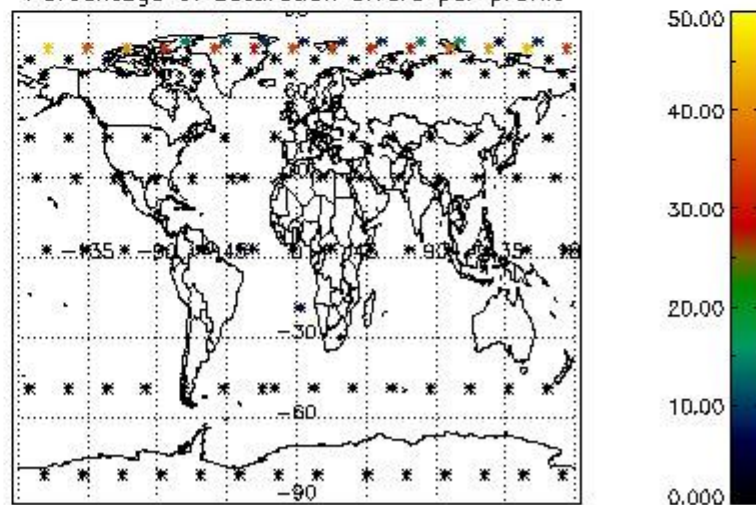
Percentage of datation errors per profile



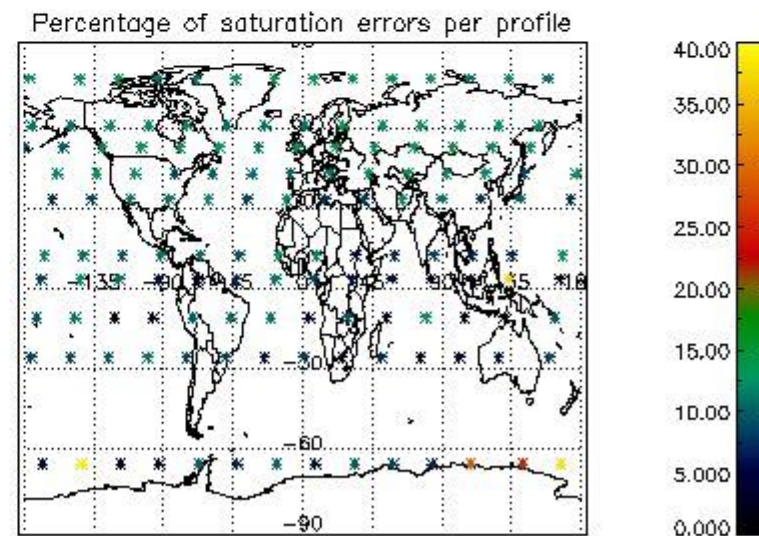
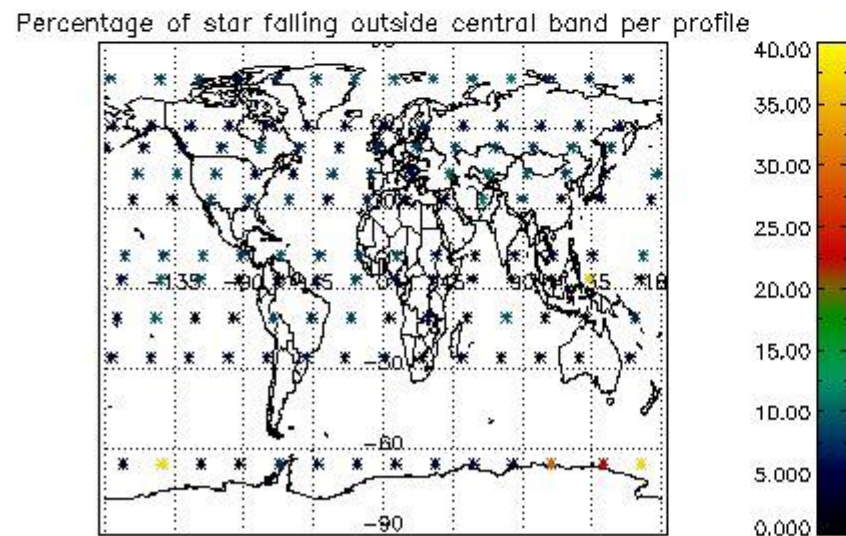
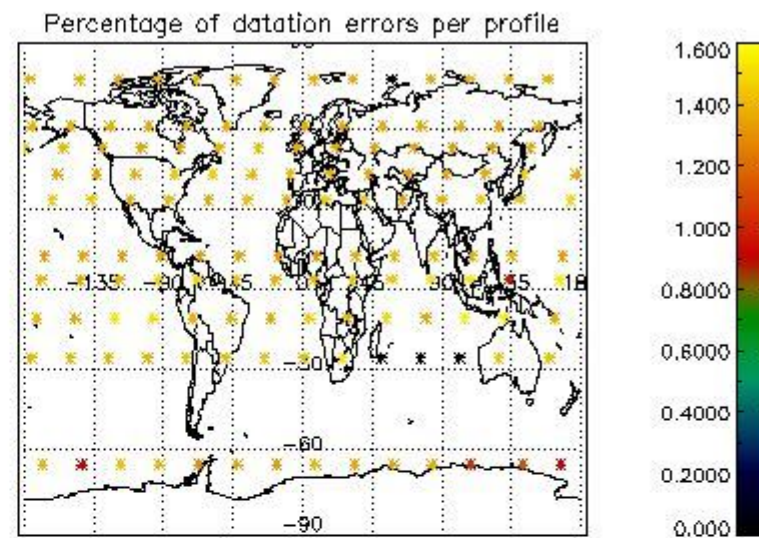
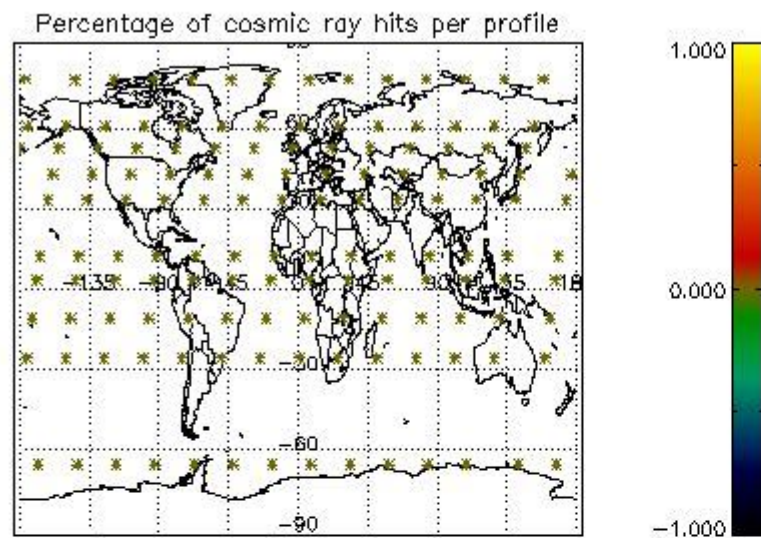
Percentage of star falling outside central band per profile



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

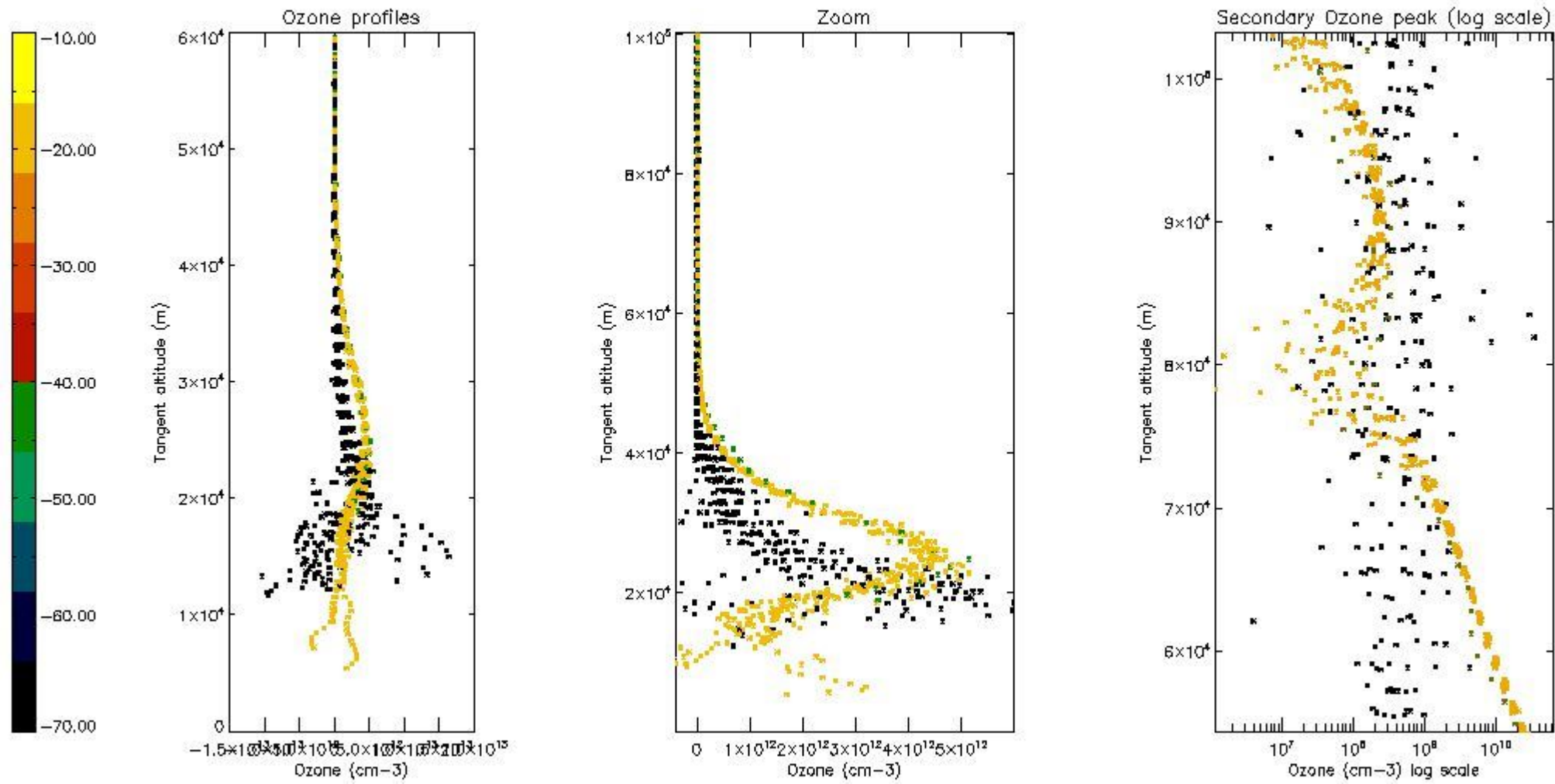
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	13
STD < 20	6

STD < 10	5
STD < 5	3

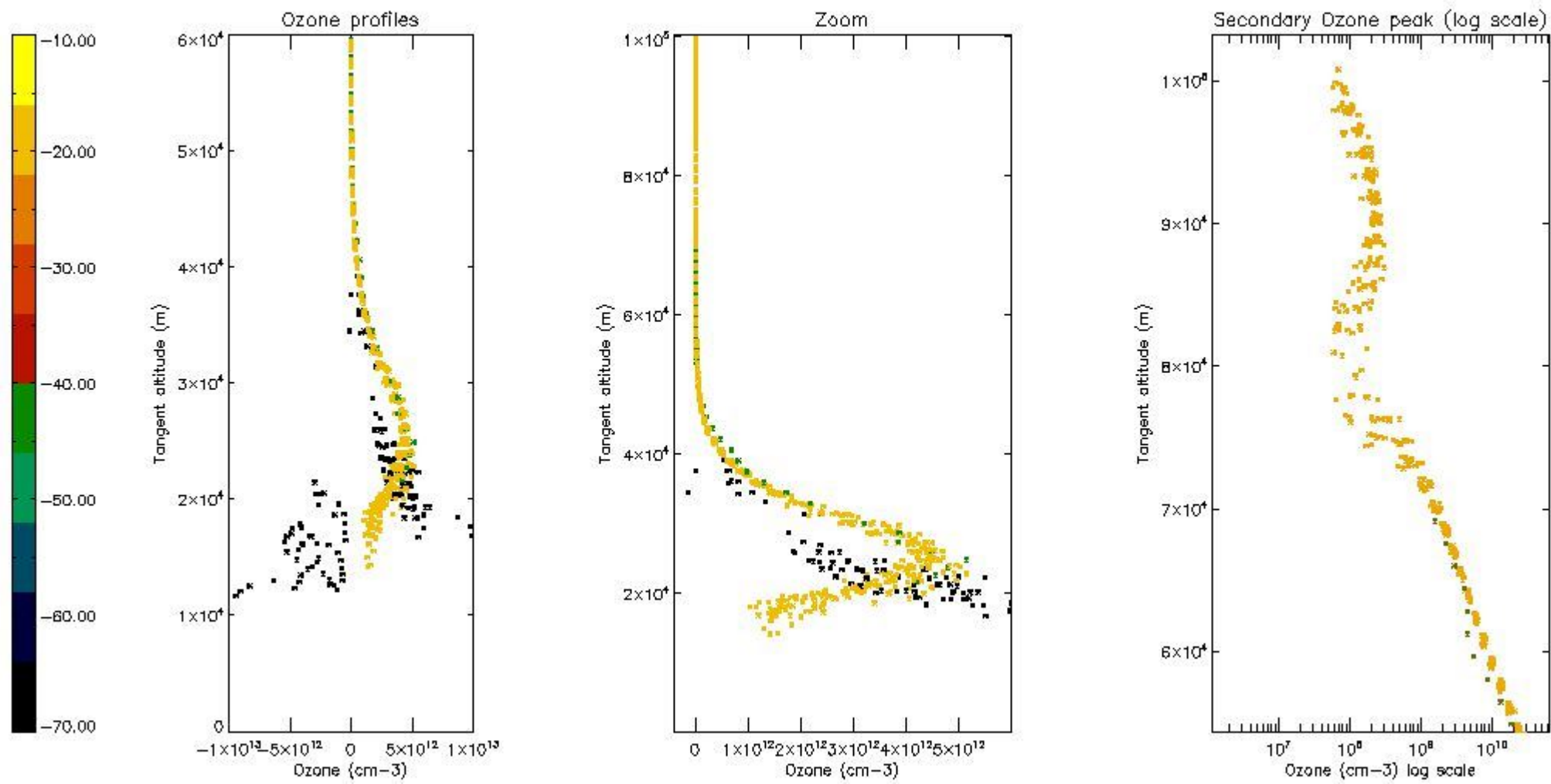
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



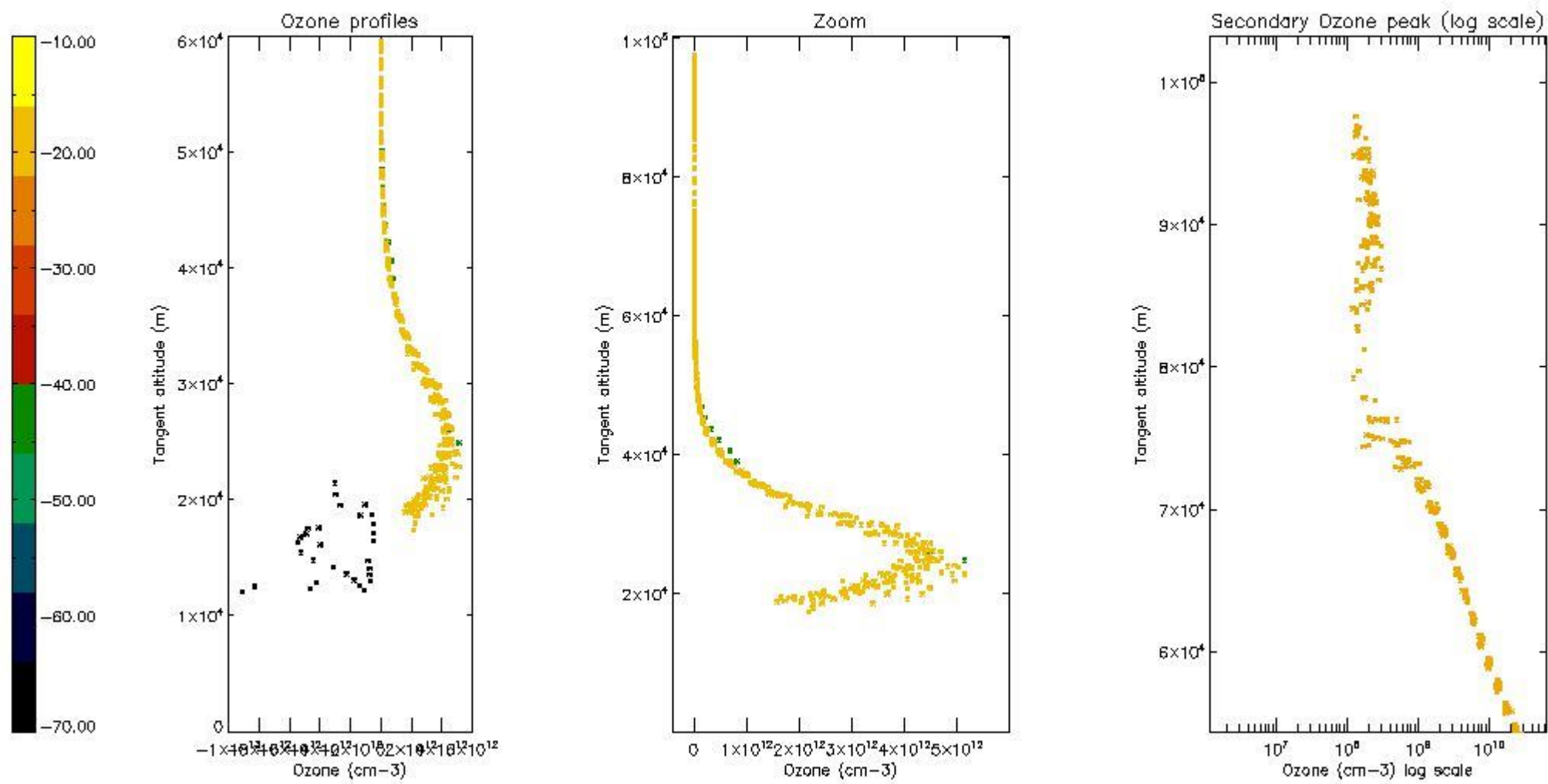
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



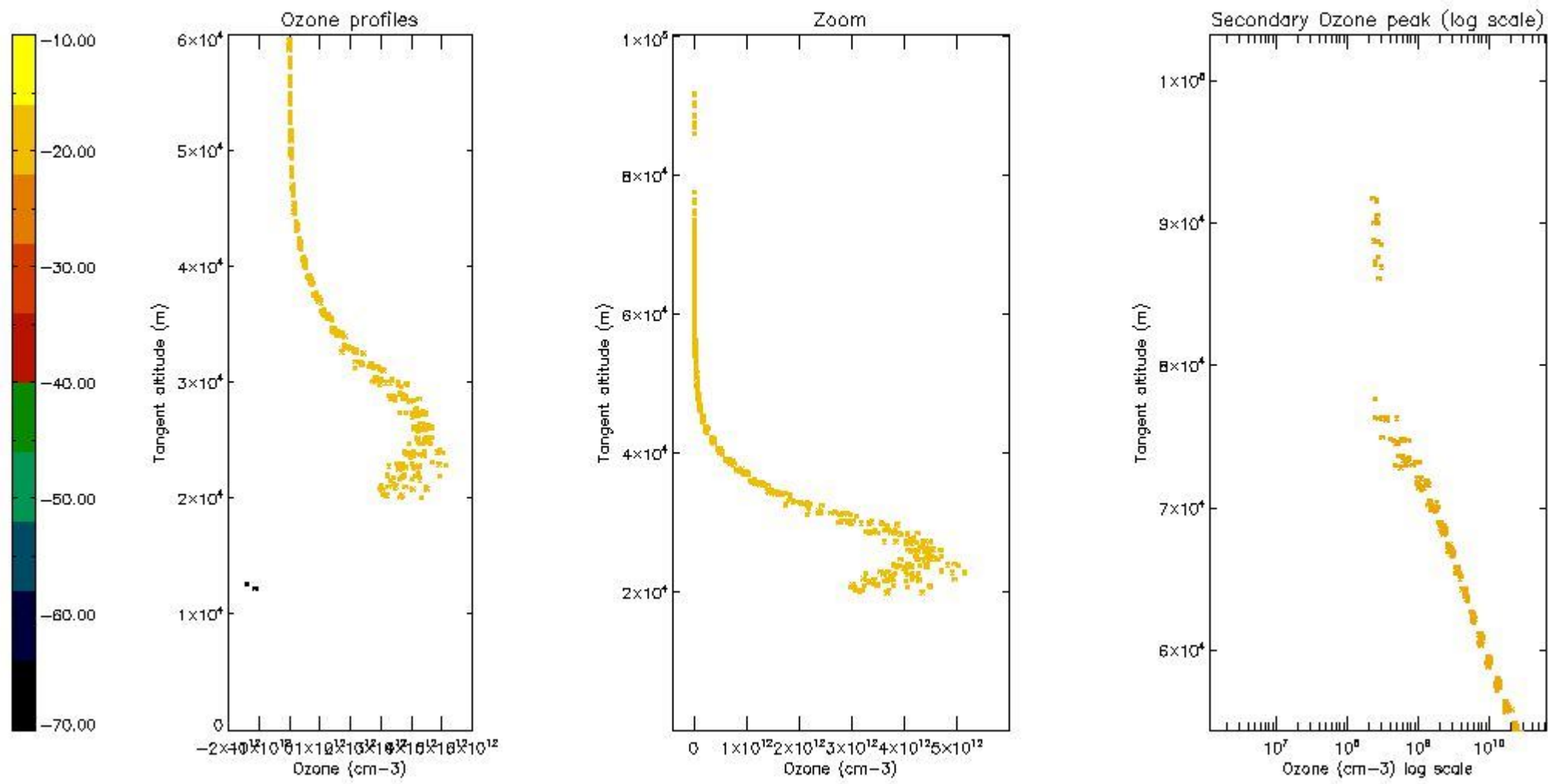
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



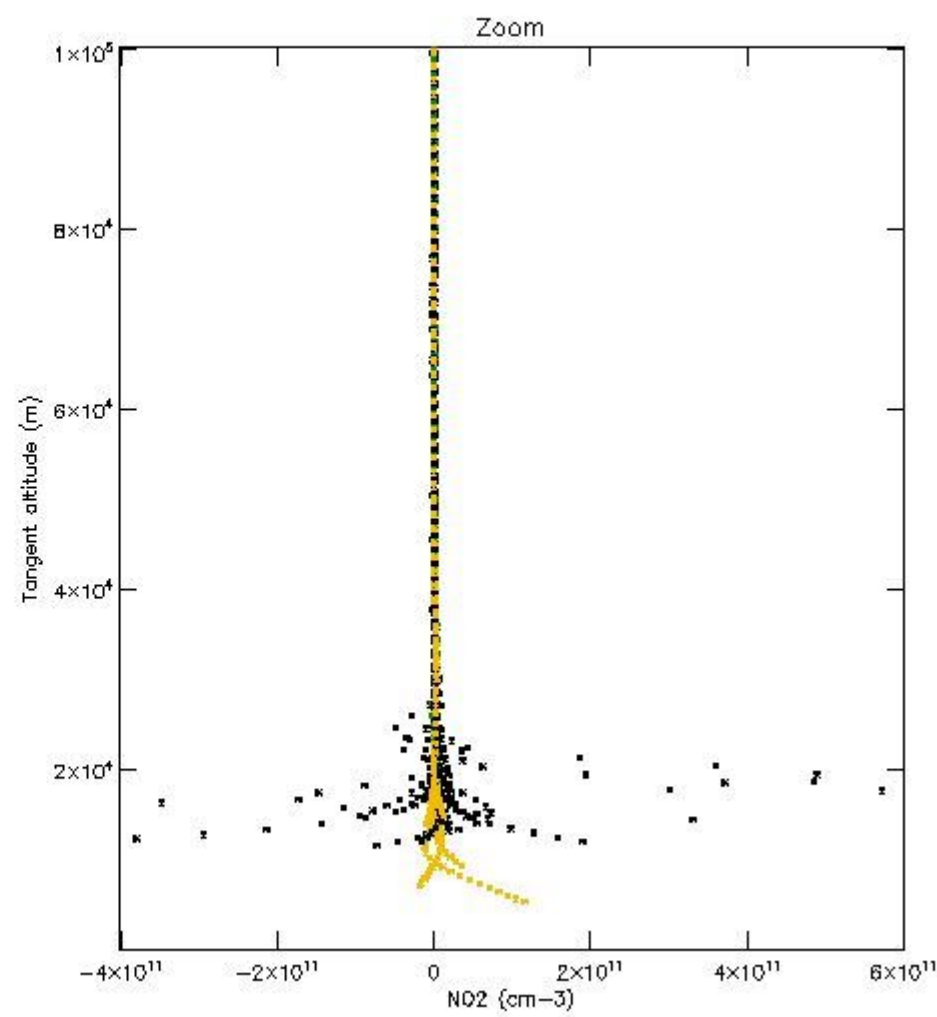
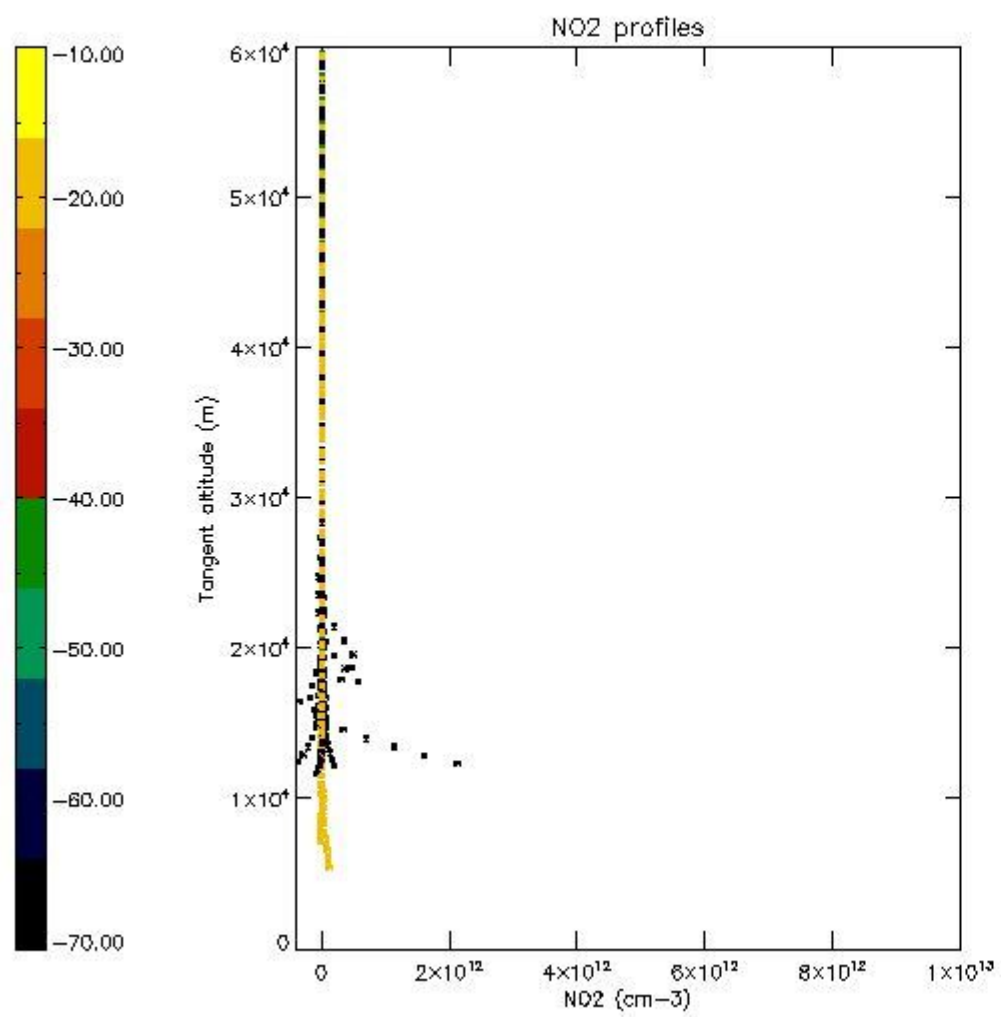
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



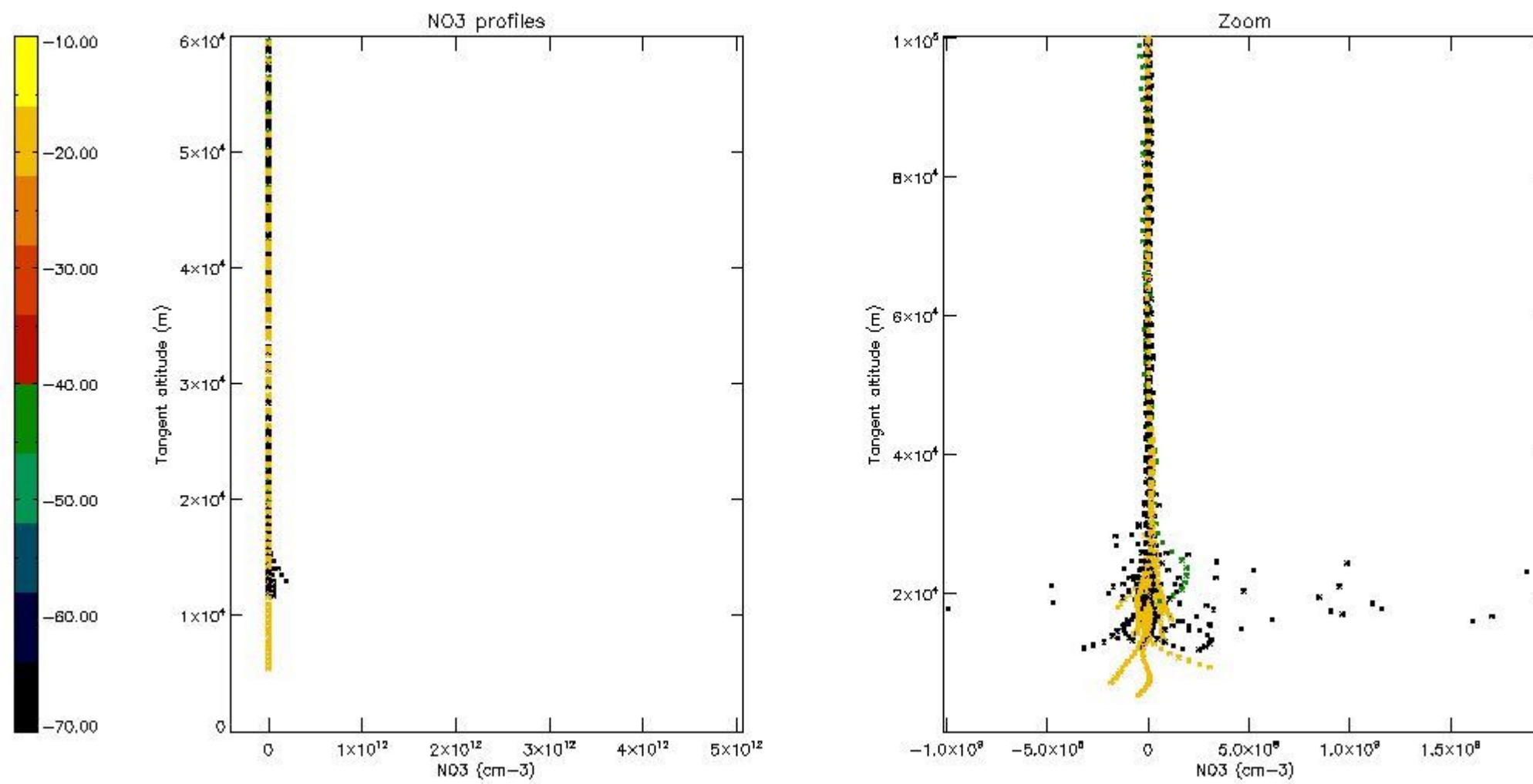
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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	03-JUL-2007 00:06:39
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-JUL-2007 00:06:39
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-JUL-2007 00:06:39

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	22APR2013 21:24:57
Data source version	GOMOS/6.01
Start time of products	03-07-2007 (03JUL2007 00:00:00)
Stop time of products	04-07-2007 (04JUL2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	266
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__2PRFIN20070703_000639_000000412059_00302_27911_6053.N1	03-JUL-2007 00:06:39	Dark	41.000	165	34Gam Eri	2.9500	3200.0	82	27911	No
2	GOM_NL__2PRFIN20070703_002115_000000392059_00303_27912_6052.N1	03-JUL-2007 00:21:15	Dark	39.000	9	Alp Eri	0.45300	24000.	78	27912	No
3	GOM_NL__2PRFIN20070703_002844_000000422059_00303_27912_6053.N1	03-JUL-2007 00:28:44	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	27912	No
4	GOM_NL__2PRFIN20070703_003304_000000412059_00303_27912_6054.N1	03-JUL-2007 00:33:04	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	27912	No
5	GOM_NL__2PRFIN20070703_004003_000000422059_00303_27912_6055.N1	03-JUL-2007 00:40:03	Twilight	41.500	40	The Sco	1.8590	7100.0	83	27912	No
6	GOM_NL__2PRFIN20070703_004143_000000422059_00303_27912_6056.N1	03-JUL-2007 00:41:43	Twilight	42.000	25	35Lam Sco	1.6200	28000.	84	27912	No
7	GOM_NL__2PRFIN20070703_004308_000000452059_00303_27912_6057.N1	03-JUL-2007 00:43:08	Bright	44.500	116	19Del Sgr	2.7000	4100.0	89	27912	No
8	GOM_NL__2PRFIN20070703_004753_000000362059_00303_27912_6058.N1	03-JUL-2007 00:47:53	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	27912	No
9	GOM_NL__2PRFIN20070703_005329_000000372059_00303_27912_6059.N1	03-JUL-2007 00:53:29	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	27912	No
10	GOM_NL__2PRFIN20070703_005548_000000372059_00303_27912_6060.N1	03-JUL-2007 00:55:48	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	27912	No
11	GOM_NL__2PRFIN20070703_005834_000000342059_00303_27912_6061.N1	03-JUL-2007 00:58:34	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	27912	No
12	GOM_NL__2PRFIN20070703_010117_000000352059_00303_27912_6062.N1	03-JUL-2007 01:01:17	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	27912	No
13	GOM_NL__2PRFIN20070703_010713_000000362059_00303_27912_6063.N1	03-JUL-2007 01:07:13	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	27912	No
14	GOM_NL__2PRFIN20070703_010941_000000522059_00303_27912_6064.N1	03-JUL-2007 01:09:41	Bright	52.000	119	14Eta Dra	2.7270	4700.0	104	27912	No
15	GOM_NL__2PRFIN20070703_011342_000000322059_00303_27912_6065.N1	03-JUL-2007 01:13:42	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	27912	No
16	GOM_NL__2PRFIN20070703_011752_000000352059_00303_27912_6066.N1	03-JUL-2007 01:17:52	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	27912	No
17	GOM_NL__2PRFIN20070703_012918_000000482059_00303_27912_6067.N1	03-JUL-2007 01:29:18	Bright	48.000	35	33Alp Per	1.7950	6250.0	96	27912	No
18	GOM_NL__2PRFIN20070703_013650_000000392059_00303_27912_6068.N1	03-JUL-2007 01:36:50	Twilight	38.500	146	25Eta Tau	2.8730	15200.	77	27912	No
19	GOM_NL__2PRFIN20070703_014715_000000392059_00303_27912_6069.N1	03-JUL-2007 01:47:15	Dark	39.000	165	34Gam Eri	2.9500	3200.0	78	27912	No
20	GOM_NL__2PRFIN20070703_020151_000000522059_00304_27913_6074.N1	03-JUL-2007 02:01:51	Dark	52.000	9	Alp Eri	0.45300	24000.	104	27913	No
21	GOM_NL__2PRFIN20070703_020921_000000412059_00304_27913_6075.N1	03-JUL-2007 02:09:21	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	27913	No
22	GOM_NL__2PRFIN20070703_021340_000000422059_00304_27913_6076.N1	03-JUL-2007 02:13:40	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	27913	No
23	GOM_NL__2PRFIN20070703_022039_000000412059_00304_27913_6077.N1	03-JUL-2007 02:20:39	Twilight	40.500	40	The Sco	1.8590	7100.0	81	27913	No
24	GOM_NL__2PRFIN20070703_022219_000000402059_00304_27913_6078.N1	03-JUL-2007 02:22:19	Twilight	40.000	25	35Lam Sco	1.6200	28000.	80	27913	No
25	GOM_NL__2PRFIN20070703_022344_000000512059_00304_27913_6079.N1	03-JUL-2007 02:23:44	Bright	51.000	116	19Del Sgr	2.7000	4100.0	102	27913	No
26	GOM_NL__2PRFIN20070703_022830_000000362059_00304_27913_6080.N1	03-JUL-2007 02:28:30	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	27913	No
27	GOM_NL__2PRFIN20070703_023405_000000372059_00304_27913_6081.N1	03-JUL-2007 02:34:05	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	27913	No
28	GOM_NL__2PRFIN20070703_023624_000000382059_00304_27913_6082.N1	03-JUL-2007 02:36:24	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	27913	No
29	GOM_NL__2PRFIN20070703_023910_000000372059_00304_27913_6083.N1	03-JUL-2007 02:39:10	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27913	No
30	GOM_NL__2PRFIN20070703_024153_000000342059_00304_27913_6084.N1	03-JUL-2007 02:41:53	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	27913	No
31	GOM_NL__2PRFIN20070703_024749_000000362059_00304_27913_6085.N1	03-JUL-2007 02:47:49	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	27913	No
32	GOM_NL__2PRFIN20070703_025017_000000332059_00304_27913_6086.N1	03-JUL-2007 02:50:17	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	27913	No
33	GOM_NL__2PRFIN20070703_025418_000000322059_00304_27913_6087.N1	03-JUL-2007 02:54:18	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	27913	No
34	GOM_NL__2PRFIN20070703_025828_000000342059_00304_27913_6088.N1	03-JUL-2007 02:58:28	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	27913	No
35	GOM_NL__2PRFIN20070703_030954_000000372059_00304_27913_6089.N1	03-JUL-2007 03:09:54	Bright	36.500	35	33Alp Per	1.7950	6250.0	73	27913	No
36	GOM_NL__2PRFIN20070703_031727_000000402059_00304_27913_6090.N1	03-JUL-2007 03:17:27	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	27913	No
37	GOM_NL__2PRFIN20070703_032751_000000402059_00304_27913_6091.N1	03-JUL-2007 03:27:51	Dark	40.000	165	34Gam Eri	2.9500	3200.0	80	27913	No
38	GOM_NL__2PRFIN20070703_034228_000000402059_00305_27914_6085.N1	03-JUL-2007 03:42:28	Dark	39.500	9	Alp Eri	0.45300	24000.	79	27914	No
39	GOM_NL__2PRFIN20070703_034957_000000422059_00305_27914_6086.N1	03-JUL-2007 03:49:57	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	27914	No
40	GOM_NL__2PRFIN20070703_035417_000000392059_00305_27914_6087.N1	03-JUL-2007 03:54:17	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	27914	No
41	GOM_NL__2PRFIN20070703_040115_000000412059_00305_27914_6088.N1	03-JUL-2007 04:01:15	Twilight	40.500	40	The Sco	1.8590	7100.0	81	27914	No
42	GOM_NL__2PRFIN20070703_040255_000000392059_00305_27914_6089.N1	03-JUL-2007 04:02:55	Twilight	39.000	25	35Lam Sco	1.6200	28000.	78	27914	No

43	GOM_NL__2PRFIN20070703_040421_000000472059_00305_27914_6090.N1	03-JUL-2007 04:04:21	Bright	46.500	116	19Del Sgr	2.7000	4100.0	93	27914	No
44	GOM_NL__2PRFIN20070703_040906_000000362059_00305_27914_6091.N1	03-JUL-2007 04:09:06	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	27914	No
45	GOM_NL__2PRFIN20070703_041441_000000372059_00305_27914_6092.N1	03-JUL-2007 04:14:41	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	27914	No
46	GOM_NL__2PRFIN20070703_041700_000000382059_00305_27914_6093.N1	03-JUL-2007 04:17:00	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	27914	No
47	GOM_NL__2PRFIN20070703_041947_000000372059_00305_27914_6094.N1	03-JUL-2007 04:19:47	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27914	No
48	GOM_NL__2PRFIN20070703_042229_000000362059_00305_27914_6095.N1	03-JUL-2007 04:22:29	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	27914	No
49	GOM_NL__2PRFIN20070703_042825_000000362059_00305_27914_6096.N1	03-JUL-2007 04:28:25	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	27914	No
50	GOM_NL__2PRFIN20070703_043053_000000332059_00305_27914_6097.N1	03-JUL-2007 04:30:53	Bright	32.500	119	14Eta Dra	2.7270	4700.0	65	27914	No
51	GOM_NL__2PRFIN20070703_043454_000000372059_00305_27914_6098.N1	03-JUL-2007 04:34:54	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	27914	No
52	GOM_NL__2PRFIN20070703_043904_000000322059_00305_27914_6099.N1	03-JUL-2007 04:39:04	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	27914	No
53	GOM_NL__2PRFIN20070703_045030_000000372059_00305_27914_6100.N1	03-JUL-2007 04:50:30	Bright	36.500	35	33Alp Per	1.7950	6250.0	73	27914	No
54	GOM_NL__2PRFIN20070703_045803_000000392059_00305_27914_6101.N1	03-JUL-2007 04:58:03	Twilight	38.500	146	25Eta Tau	2.8730	15200.	77	27914	No
55	GOM_NL__2PRFIN20070703_050827_000000432059_00305_27914_6102.N1	03-JUL-2007 05:08:27	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	27914	No
56	GOM_NL__2PRFIN20070703_052304_000000432059_00306_27915_6101.N1	03-JUL-2007 05:23:04	Dark	43.000	9	Alp Eri	0.45300	24000.	86	27915	No
57	GOM_NL__2PRFIN20070703_053034_000000432059_00306_27915_6102.N1	03-JUL-2007 05:30:34	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	27915	No
58	GOM_NL__2PRFIN20070703_053453_000000432059_00306_27915_6103.N1	03-JUL-2007 05:34:53	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	27915	No
59	GOM_NL__2PRFIN20070703_054152_000000372059_00306_27915_6104.N1	03-JUL-2007 05:41:52	Tw_i_and_stray	37.000	40	The Sco	1.8590	7100.0	74	27915	No
60	GOM_NL__2PRFIN20070703_054331_000000402059_00306_27915_6105.N1	03-JUL-2007 05:43:31	Tw_i_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	27915	No
61	GOM_NL__2PRFIN20070703_054457_000000552059_00306_27915_6106.N1	03-JUL-2007 05:44:57	Bright	55.000	116	19Del Sgr	2.7000	4100.0	110	27915	No
62	GOM_NL__2PRFIN20070703_054942_000000362059_00306_27915_6107.N1	03-JUL-2007 05:49:42	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	27915	No
63	GOM_NL__2PRFIN20070703_055517_000000372059_00306_27915_6108.N1	03-JUL-2007 05:55:17	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	27915	No
64	GOM_NL__2PRFIN20070703_055736_000000372059_00306_27915_6109.N1	03-JUL-2007 05:57:36	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	27915	No
65	GOM_NL__2PRFIN20070703_060023_000000372059_00306_27915_6110.N1	03-JUL-2007 06:00:23	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27915	No
66	GOM_NL__2PRFIN20070703_060305_000000372059_00306_27915_6111.N1	03-JUL-2007 06:03:05	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	27915	No
67	GOM_NL__2PRFIN20070703_060901_000000362059_00306_27915_6112.N1	03-JUL-2007 06:09:01	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	27915	No
68	GOM_NL__2PRFIN20070703_061129_000000352059_00306_27915_6113.N1	03-JUL-2007 06:11:29	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	27915	No
69	GOM_NL__2PRFIN20070703_061531_000000342059_00306_27915_6114.N1	03-JUL-2007 06:15:31	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	27915	No
70	GOM_NL__2PRFIN20070703_061940_000000352059_00306_27915_6115.N1	03-JUL-2007 06:19:40	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	27915	No
71	GOM_NL__2PRFIN20070703_063106_000000372059_00306_27915_6116.N1	03-JUL-2007 06:31:06	Bright	36.500	35	33Alp Per	1.7950	6250.0	73	27915	No
72	GOM_NL__2PRFIN20070703_063839_000000392059_00306_27915_6117.N1	03-JUL-2007 06:38:39	Twilight	38.500	146	25Eta Tau	2.8730	15200.	77	27915	No
73	GOM_NL__2PRFIN20070703_064903_000000432059_00306_27915_6118.N1	03-JUL-2007 06:49:03	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	27915	No
74	GOM_NL__2PRFIN20070703_070341_000000442059_00307_27916_6117.N1	03-JUL-2007 07:03:41	Dark	44.000	9	Alp Eri	0.45300	24000.	88	27916	No
75	GOM_NL__2PRFIN20070703_071111_000000422059_00307_27916_6118.N1	03-JUL-2007 07:11:11	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	27916	No
76	GOM_NL__2PRFIN20070703_071530_000000412059_00307_27916_6119.N1	03-JUL-2007 07:15:30	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	27916	No
77	GOM_NL__2PRFIN20070703_072228_000000422059_00307_27916_6120.N1	03-JUL-2007 07:22:28	Tw_i_and_stray	41.500	40	The Sco	1.8590	7100.0	83	27916	No
78	GOM_NL__2PRFIN20070703_072408_000000422059_00307_27916_6121.N1	03-JUL-2007 07:24:08	Tw_i_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	27916	No
79	GOM_NL__2PRFIN20070703_072533_000000452059_00307_27916_6122.N1	03-JUL-2007 07:25:33	Bright	44.500	116	19Del Sgr	2.7000	4100.0	89	27916	No
80	GOM_NL__2PRFIN20070703_072645_000000412059_00307_27916_6123.N1	03-JUL-2007 07:26:45	Bright	40.500	137	22Lam Sgr	2.8240	4400.0	81	27916	No
81	GOM_NL__2PRFIN20070703_073018_000000372059_00307_27916_6124.N1	03-JUL-2007 07:30:18	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	27916	No
82	GOM_NL__2PRFIN20070703_073553_000000372059_00307_27916_6125.N1	03-JUL-2007 07:35:53	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	27916	No
83	GOM_NL__2PRFIN20070703_073812_000000382059_00307_27916_6126.N1	03-JUL-2007 07:38:12	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	27916	No
84	GOM_NL__2PRFIN20070703_074059_000000372059_00307_27916_6127.N1	03-JUL-2007 07:40:59	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27916	No
85	GOM_NL__2PRFIN20070703_074341_000000352059_00307_27916_6128.N1	03-JUL-2007 07:43:41	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	27916	No
86	GOM_NL__2PRFIN20070703_074936_000000362059_00307_27916_6129.N1	03-JUL-2007 07:49:36	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	27916	No
87	GOM_NL__2PRFIN20070703_075205_000000352059_00307_27916_6130.N1	03-JUL-2007 07:52:05	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	27916	No
88	GOM_NL__2PRFIN20070703_075607_000000362059_00307_27916_6131.N1	03-JUL-2007 07:56:07	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	27916	No
89	GOM_NL__2PRFIN20070703_080016_000000332059_00307_27916_6132.N1	03-JUL-2007 08:00:16	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	27916	No
90	GOM_NL__2PRFIN20070703_081142_000000362059_00307_27916_6133.N1	03-JUL-2007 08:11:42	Bright	35.500	35	33Alp Per	1.7950	6250.0	71	27916	No
91	GOM_NL__2PRFIN20070703_081916_000000392059_00307_27916_6134.N1	03-JUL-2007 08:19:16	Twilight	38.500	146	25Eta Tau	2.8730	15200.	77	27916	No
92	GOM_NL__2PRFIN20070703_082940_000000432059_00307_27916_6135.N1	03-JUL-2007 08:29:40	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	27916	No
93	GOM_NL__2PRFIN20070703_084417_000000412059_00308_27917_6160.N1	03-JUL-2007 08:44:17	Dark	40.500	9	Alp Eri	0.45300	24000.	81	27917	No
94	GOM_NL__2PRFIN20070703_085147_000000412059_00308_27917_6161.N1	03-JUL-2007 08:51:47	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	27917	No
95	GOM_NL__2PRFIN20070703_085606_000000402059_00308_27917_6162.N1	03-JUL-2007 08:56:06	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	27917	No
96	GOM_NL__2PRFIN20070703_090304_000000402059_00308_27917_6163.N1	03-JUL-2007 09:03:04	Tw_i_and_stray	39.500	40	The Sco	1.8590	7100.0	79	27917	No
97	GOM_NL__2PRFIN20070703_090444_000000402059_00308_27917_6164.N1	03-JUL-2007 09:04:44	Tw_i_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	27917	No
98	GOM_NL__2PRFIN20070703_090609_000000542059_00308_27917_6165.N1	03-JUL-2007 09:06:09	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	27917	No
99	GOM_NL__2PRFIN20070703_090721_000000402059_00308_27917_6166.N1	03-JUL-2007 09:07:21	Bright	39.500	137	22Lam Sgr	2.8240	4400.0	79	27917	No
100	GOM_NL__2PRFIN20070703_091054_000000362059_00308_27917_6167.N1	03-JUL-2007 09:10:54	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	27917	No
101	GOM_NL__2PRFIN20070703_091629_000000372059_00308_27917_6168.N1	03-JUL-2007 09:16:29	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	27917	No

102	GOM_NL__2PRFIN20070703_091848_000000372059_00308_27917_6169.N1	03-JUL-2007 09:18:48	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	27917	No
103	GOM_NL__2PRFIN20070703_092135_000000362059_00308_27917_6170.N1	03-JUL-2007 09:21:35	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	27917	No
104	GOM_NL__2PRFIN20070703_092417_000000342059_00308_27917_6171.N1	03-JUL-2007 09:24:17	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	27917	No
105	GOM_NL__2PRFIN20070703_093012_000000382059_00308_27917_6172.N1	03-JUL-2007 09:30:12	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	27917	No
106	GOM_NL__2PRFIN20070703_093241_000000362059_00308_27917_6173.N1	03-JUL-2007 09:32:41	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	27917	No
107	GOM_NL__2PRFIN20070703_093643_000000342059_00308_27917_6174.N1	03-JUL-2007 09:36:43	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	27917	No
108	GOM_NL__2PRFIN20070703_094052_000000362059_00308_27917_6175.N1	03-JUL-2007 09:40:52	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27917	No
109	GOM_NL__2PRFIN20070703_095218_000000382059_00308_27917_6176.N1	03-JUL-2007 09:52:18	Bright	37.500	35	33Alp Per	1.7950	6250.0	75	27917	No
110	GOM_NL__2PRFIN20070703_095951_000000382059_00308_27917_6177.N1	03-JUL-2007 09:59:51	Twilight	37.500	146	25Eta Tau	2.8730	15200.	75	27917	No
111	GOM_NL__2PRFIN20070703_101016_000000422059_00308_27917_6178.N1	03-JUL-2007 10:10:16	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	27917	No
112	GOM_NL__2PRFIN20070703_102453_000000402059_00309_27918_6179.N1	03-JUL-2007 10:24:53	Dark	40.000	9	Alp Eri	0.45300	24000.	80	27918	No
113	GOM_NL__2PRFIN20070703_103224_000000432059_00309_27918_6180.N1	03-JUL-2007 10:32:24	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	27918	No
114	GOM_NL__2PRFIN20070703_103642_000000432059_00309_27918_6181.N1	03-JUL-2007 10:36:42	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	27918	No
115	GOM_NL__2PRFIN20070703_104340_000000432059_00309_27918_6182.N1	03-JUL-2007 10:43:40	Tw_i_and_stray	42.500	40	The Sco	1.8590	7100.0	85	27918	No
116	GOM_NL__2PRFIN20070703_104520_000000412059_00309_27918_6183.N1	03-JUL-2007 10:45:20	Tw_i_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	27918	No
117	GOM_NL__2PRFIN20070703_104645_000000502059_00309_27918_6184.N1	03-JUL-2007 10:46:45	Bright	49.500	116	19Del Sgr	2.7000	4100.0	99	27918	No
118	GOM_NL__2PRFIN20070703_104757_000000442059_00309_27918_6185.N1	03-JUL-2007 10:47:57	Bright	44.000	137	22Lam Sgr	2.8240	4400.0	88	27918	No
119	GOM_NL__2PRFIN20070703_105130_000000372059_00309_27918_6186.N1	03-JUL-2007 10:51:30	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	27918	No
120	GOM_NL__2PRFIN20070703_105705_000000362059_00309_27918_6187.N1	03-JUL-2007 10:57:05	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	27918	No
121	GOM_NL__2PRFIN20070703_105924_000000372059_00309_27918_6188.N1	03-JUL-2007 10:59:24	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	27918	No
122	GOM_NL__2PRFIN20070703_110211_000000362059_00309_27918_6189.N1	03-JUL-2007 11:02:11	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	27918	No
123	GOM_NL__2PRFIN20070703_110453_000000362059_00309_27918_6190.N1	03-JUL-2007 11:04:53	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	27918	No
124	GOM_NL__2PRFIN20070703_111048_000000382059_00309_27918_6191.N1	03-JUL-2007 11:10:48	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	27918	No
125	GOM_NL__2PRFIN20070703_111317_000000362059_00309_27918_6192.N1	03-JUL-2007 11:13:17	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27918	No
126	GOM_NL__2PRFIN20070703_111719_000000372059_00309_27918_6193.N1	03-JUL-2007 11:17:19	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27918	No
127	GOM_NL__2PRFIN20070703_112128_000000352059_00309_27918_6194.N1	03-JUL-2007 11:21:28	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	27918	No
128	GOM_NL__2PRFIN20070703_113254_000000372059_00309_27918_6195.N1	03-JUL-2007 11:32:54	Bright	37.000	35	33Alp Per	1.7950	6250.0	74	27918	No
129	GOM_NL__2PRFIN20070703_114027_000000392059_00309_27918_6196.N1	03-JUL-2007 11:40:27	Twilight	38.500	146	25Eta Tau	2.8730	15200.	77	27918	No
130	GOM_NL__2PRFIN20070703_115052_000000412059_00309_27918_6197.N1	03-JUL-2007 11:50:52	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	27918	No
131	GOM_NL__2PRFIN20070703_120530_000000422059_00310_27919_6184.N1	03-JUL-2007 12:05:30	Dark	41.500	9	Alp Eri	0.45300	24000.	83	27919	No
132	GOM_NL__2PRFIN20070703_121300_000000432059_00310_27919_6185.N1	03-JUL-2007 12:13:00	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	27919	No
133	GOM_NL__2PRFIN20070703_121719_000000462059_00310_27919_6186.N1	03-JUL-2007 12:17:19	Straylight	45.500	45	Alp Pav	1.9400	26000.	91	27919	No
134	GOM_NL__2PRFIN20070703_122416_000000422059_00310_27919_6187.N1	03-JUL-2007 12:24:16	Tw_i_and_stray	42.000	40	The Sco	1.8590	7100.0	84	27919	No
135	GOM_NL__2PRFIN20070703_122556_000000402059_00310_27919_6188.N1	03-JUL-2007 12:25:56	Tw_i_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	27919	No
136	GOM_NL__2PRFIN20070703_122721_000000492059_00310_27919_6189.N1	03-JUL-2007 12:27:21	Bright	48.500	116	19Del Sgr	2.7000	4100.0	97	27919	No
137	GOM_NL__2PRFIN20070703_122833_000000432059_00310_27919_6190.N1	03-JUL-2007 12:28:33	Bright	43.000	137	22Lam Sgr	2.8240	4400.0	86	27919	No
138	GOM_NL__2PRFIN20070703_123206_000000372059_00310_27919_6191.N1	03-JUL-2007 12:32:06	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	27919	No
139	GOM_NL__2PRFIN20070703_123741_000000362059_00310_27919_6192.N1	03-JUL-2007 12:37:41	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	27919	No
140	GOM_NL__2PRFIN20070703_124000_000000362059_00310_27919_6193.N1	03-JUL-2007 12:40:00	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	27919	No
141	GOM_NL__2PRFIN20070703_124247_000000362059_00310_27919_6194.N1	03-JUL-2007 12:42:47	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	27919	No
142	GOM_NL__2PRFIN20070703_124529_000000352059_00310_27919_6195.N1	03-JUL-2007 12:45:29	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	27919	No
143	GOM_NL__2PRFIN20070703_125124_000000372059_00310_27919_6196.N1	03-JUL-2007 12:51:24	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	27919	No
144	GOM_NL__2PRFIN20070703_125353_000000352059_00310_27919_6197.N1	03-JUL-2007 12:53:53	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	27919	No
145	GOM_NL__2PRFIN20070703_125755_000000362059_00310_27919_6198.N1	03-JUL-2007 12:57:55	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27919	No
146	GOM_NL__2PRFIN20070703_130204_000000362059_00310_27919_6199.N1	03-JUL-2007 13:02:04	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27919	No
147	GOM_NL__2PRFIN20070703_131329_000000392059_00310_27919_6200.N1	03-JUL-2007 13:13:29	Bright	38.500	35	33Alp Per	1.7950	6250.0	77	27919	No
148	GOM_NL__2PRFIN20070703_132104_000000402059_00310_27919_6201.N1	03-JUL-2007 13:21:04	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	27919	No
149	GOM_NL__2PRFIN20070703_133128_000000432059_00310_27919_6202.N1	03-JUL-2007 13:31:28	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	27919	No
150	GOM_NL__2PRFIN20070703_134606_000000422059_00311_27920_6196.N1	03-JUL-2007 13:46:06	Dark	42.000	9	Alp Eri	0.45300	24000.	84	27920	No
151	GOM_NL__2PRFIN20070703_135337_000000442059_00311_27920_6197.N1	03-JUL-2007 13:53:37	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	27920	No
152	GOM_NL__2PRFIN20070703_135755_000000412059_00311_27920_6198.N1	03-JUL-2007 13:57:55	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	27920	No
153	GOM_NL__2PRFIN20070703_140452_000000412059_00311_27920_6199.N1	03-JUL-2007 14:04:52	Tw_i_and_stray	41.000	40	The Sco	1.8590	7100.0	82	27920	No
154	GOM_NL__2PRFIN20070703_140632_000000402059_00311_27920_6200.N1	03-JUL-2007 14:06:32	Tw_i_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	27920	No
155	GOM_NL__2PRFIN20070703_140757_000000422059_00311_27920_6201.N1	03-JUL-2007 14:07:57	Bright	41.500	116	19Del Sgr	2.7000	4100.0	83	27920	No
156	GOM_NL__2PRFIN20070703_140909_000000402059_00311_27920_6202.N1	03-JUL-2007 14:09:09	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	27920	No
157	GOM_NL__2PRFIN20070703_141242_000000372059_00311_27920_6203.N1	03-JUL-2007 14:12:42	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	27920	No
158	GOM_NL__2PRFIN20070703_141817_000000362059_00311_27920_6204.N1	03-JUL-2007 14:18:17	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	27920	No
159	GOM_NL__2PRFIN20070703_142036_000000362059_00311_27920_6205.N1	03-JUL-2007 14:20:36	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	27920	No
160	GOM_NL__2PRFIN20070703_142323_000000342059_00311_27920_6206.N1	03-JUL-2007 14:23:23	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	27920	No

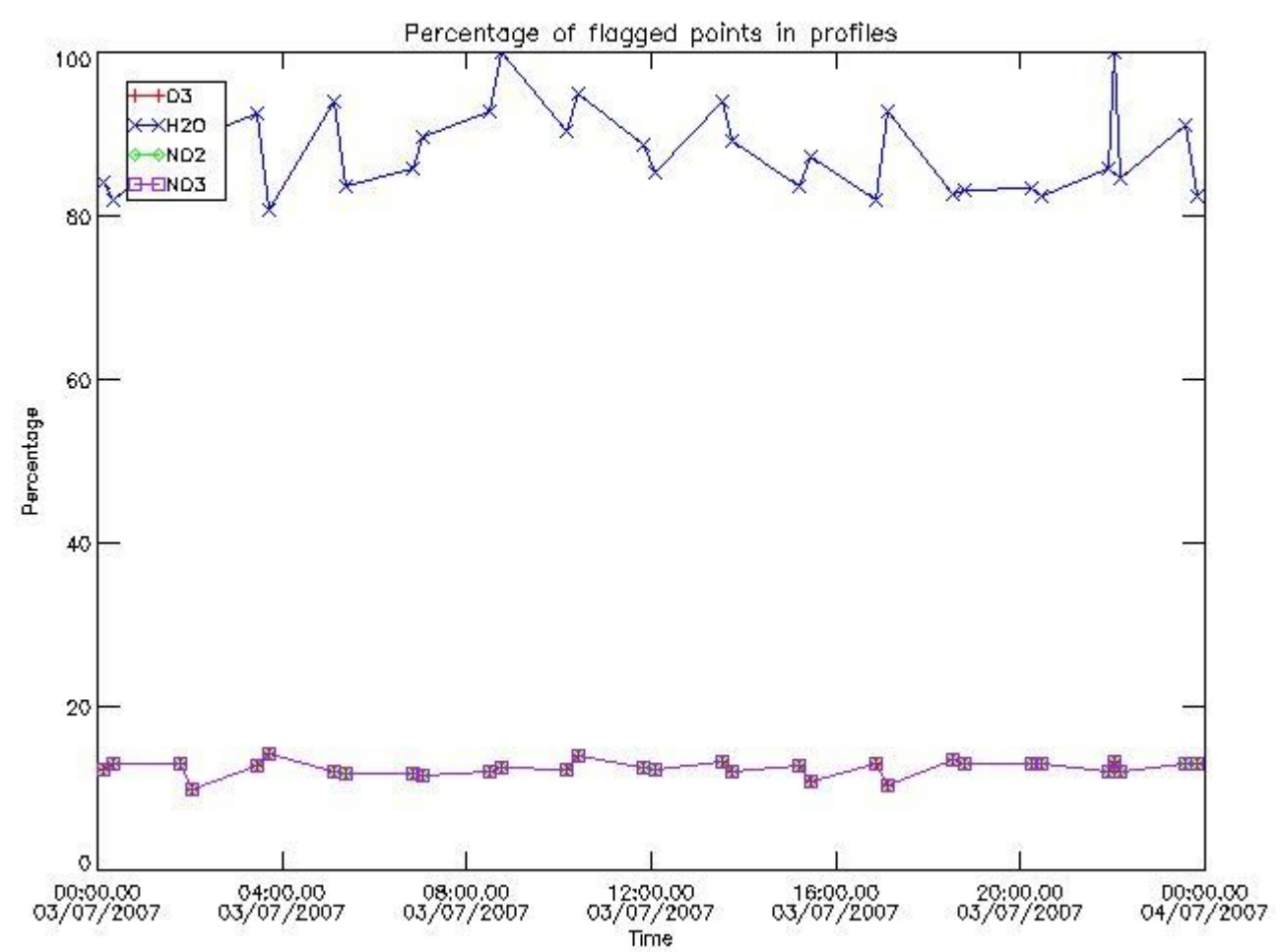
161	GOM_NL__2PRFIN20070703_142605_000000372059_00311_27920_6207.N1	03-JUL-2007 14:26:05	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	27920	No
162	GOM_NL__2PRFIN20070703_143159_000000382059_00311_27920_6208.N1	03-JUL-2007 14:31:59	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	27920	No
163	GOM_NL__2PRFIN20070703_143429_000000342059_00311_27920_6209.N1	03-JUL-2007 14:34:29	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	27920	No
164	GOM_NL__2PRFIN20070703_143831_000000362059_00311_27920_6210.N1	03-JUL-2007 14:38:31	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27920	No
165	GOM_NL__2PRFIN20070703_144240_000000352059_00311_27920_6211.N1	03-JUL-2007 14:42:40	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27920	No
166	GOM_NL__2PRFIN20070703_145405_000000362059_00311_27920_6212.N1	03-JUL-2007 14:54:05	Bright	35.500	35	33Alp Per	1.7950	6250.0	71	27920	No
167	GOM_NL__2PRFIN20070703_150140_000000412059_00311_27920_6213.N1	03-JUL-2007 15:01:40	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	27920	No
168	GOM_NL__2PRFIN20070703_151205_000000402059_00311_27920_6214.N1	03-JUL-2007 15:12:05	Dark	40.000	165	34Gam Eri	2.9500	3200.0	80	27920	No
169	GOM_NL__2PRFIN20070703_152643_000000472059_00312_27921_6204.N1	03-JUL-2007 15:26:43	Dark	47.000	9	Alp Eri	0.45300	24000.	94	27921	No
170	GOM_NL__2PRFIN20070703_153413_000000452059_00312_27921_6205.N1	03-JUL-2007 15:34:13	Straylight	44.500	148	Alp Tuc	2.8780	4100.0	89	27921	No
171	GOM_NL__2PRFIN20070703_153831_000000412059_00312_27921_6206.N1	03-JUL-2007 15:38:31	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	27921	No
172	GOM_NL__2PRFIN20070703_154528_000000422059_00312_27921_6207.N1	03-JUL-2007 15:45:28	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	27921	No
173	GOM_NL__2PRFIN20070703_154708_000000422059_00312_27921_6208.N1	03-JUL-2007 15:47:08	Twi_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	27921	No
174	GOM_NL__2PRFIN20070703_154834_000000442059_00312_27921_6209.N1	03-JUL-2007 15:48:34	Bright	43.500	116	19Del Sgr	2.7000	4100.0	87	27921	No
175	GOM_NL__2PRFIN20070703_154945_000000412059_00312_27921_6210.N1	03-JUL-2007 15:49:45	Bright	40.500	137	22Lam Sgr	2.8240	4400.0	81	27921	No
176	GOM_NL__2PRFIN20070703_155319_000000362059_00312_27921_6211.N1	03-JUL-2007 15:53:19	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	27921	No
177	GOM_NL__2PRFIN20070703_155853_000000372059_00312_27921_6212.N1	03-JUL-2007 15:58:53	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	27921	No
178	GOM_NL__2PRFIN20070703_160112_000000382059_00312_27921_6213.N1	03-JUL-2007 16:01:12	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	27921	No
179	GOM_NL__2PRFIN20070703_160359_000000352059_00312_27921_6214.N1	03-JUL-2007 16:03:59	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	27921	No
180	GOM_NL__2PRFIN20070703_160641_000000362059_00312_27921_6215.N1	03-JUL-2007 16:06:41	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	27921	No
181	GOM_NL__2PRFIN20070703_161235_000000372059_00312_27921_6216.N1	03-JUL-2007 16:12:35	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	27921	No
182	GOM_NL__2PRFIN20070703_161505_000000342059_00312_27921_6217.N1	03-JUL-2007 16:15:05	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	27921	No
183	GOM_NL__2PRFIN20070703_161907_000000332059_00312_27921_6218.N1	03-JUL-2007 16:19:07	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	27921	No
184	GOM_NL__2PRFIN20070703_162316_000000362059_00312_27921_6219.N1	03-JUL-2007 16:23:16	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27921	No
185	GOM_NL__2PRFIN20070703_163441_000000352059_00312_27921_6220.N1	03-JUL-2007 16:34:41	Bright	35.000	35	33Alp Per	1.7950	6250.0	70	27921	No
186	GOM_NL__2PRFIN20070703_164216_000000392059_00312_27921_6221.N1	03-JUL-2007 16:42:16	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	27921	No
187	GOM_NL__2PRFIN20070703_165241_000000392059_00312_27921_6222.N1	03-JUL-2007 16:52:41	Dark	39.000	165	34Gam Eri	2.9500	3200.0	78	27921	No
188	GOM_NL__2PRFIN20070703_170719_000000502059_00313_27922_6209.N1	03-JUL-2007 17:07:19	Dark	49.500	9	Alp Eri	0.45300	24000.	99	27922	No
189	GOM_NL__2PRFIN20070703_171450_000000422059_00313_27922_6210.N1	03-JUL-2007 17:14:50	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	27922	No
190	GOM_NL__2PRFIN20070703_171908_000000402059_00313_27922_6211.N1	03-JUL-2007 17:19:08	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	27922	No
191	GOM_NL__2PRFIN20070703_172604_000000442059_00313_27922_6212.N1	03-JUL-2007 17:26:04	Twi_and_stray	44.000	40	The Sco	1.8590	7100.0	88	27922	No
192	GOM_NL__2PRFIN20070703_172744_000000402059_00313_27922_6213.N1	03-JUL-2007 17:27:44	Twi_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	27922	No
193	GOM_NL__2PRFIN20070703_172910_000000452059_00313_27922_6214.N1	03-JUL-2007 17:29:10	Bright	45.000	116	19Del Sgr	2.7000	4100.0	90	27922	No
194	GOM_NL__2PRFIN20070703_173021_000000402059_00313_27922_6215.N1	03-JUL-2007 17:30:21	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	27922	No
195	GOM_NL__2PRFIN20070703_173355_000000362059_00313_27922_6216.N1	03-JUL-2007 17:33:55	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	27922	No
196	GOM_NL__2PRFIN20070703_173929_000000372059_00313_27922_6217.N1	03-JUL-2007 17:39:29	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	27922	No
197	GOM_NL__2PRFIN20070703_174148_000000372059_00313_27922_6218.N1	03-JUL-2007 17:41:48	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	27922	No
198	GOM_NL__2PRFIN20070703_174436_000000362059_00313_27922_6219.N1	03-JUL-2007 17:44:36	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	27922	No
199	GOM_NL__2PRFIN20070703_174717_000000362059_00313_27922_6220.N1	03-JUL-2007 17:47:17	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	27922	No
200	GOM_NL__2PRFIN20070703_175311_000000382059_00313_27922_6221.N1	03-JUL-2007 17:53:11	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	27922	No
201	GOM_NL__2PRFIN20070703_175541_000000362059_00313_27922_6222.N1	03-JUL-2007 17:55:41	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27922	No
202	GOM_NL__2PRFIN20070703_175943_000000332059_00313_27922_6223.N1	03-JUL-2007 17:59:43	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	27922	No
203	GOM_NL__2PRFIN20070703_180352_000000362059_00313_27922_6224.N1	03-JUL-2007 18:03:52	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27922	No
204	GOM_NL__2PRFIN20070703_181518_000000552059_00313_27922_6225.N1	03-JUL-2007 18:15:18	Bright	55.000	35	33Alp Per	1.7950	6250.0	110	27922	No
205	GOM_NL__2PRFIN20070703_182252_000000392059_00313_27922_6226.N1	03-JUL-2007 18:22:52	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	27922	No
206	GOM_NL__2PRFIN20070703_183317_000000382059_00313_27922_6227.N1	03-JUL-2007 18:33:17	Dark	38.000	165	34Gam Eri	2.9500	3200.0	76	27922	No
207	GOM_NL__2PRFIN20070703_184756_000000392059_00314_27923_6228.N1	03-JUL-2007 18:47:56	Dark	39.000	9	Alp Eri	0.45300	24000.	78	27923	No
208	GOM_NL__2PRFIN20070703_185526_000000412059_00314_27923_6229.N1	03-JUL-2007 18:55:26	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	27923	No
209	GOM_NL__2PRFIN20070703_185944_000000412059_00314_27923_6230.N1	03-JUL-2007 18:59:44	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	27923	No
210	GOM_NL__2PRFIN20070703_190641_000000412059_00314_27923_6231.N1	03-JUL-2007 19:06:41	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	27923	No
211	GOM_NL__2PRFIN20070703_190820_000000392059_00314_27923_6232.N1	03-JUL-2007 19:08:20	Twi_and_stray	39.000	25	35Lam Sco	1.6200	28000.	78	27923	No
212	GOM_NL__2PRFIN20070703_190946_000000462059_00314_27923_6233.N1	03-JUL-2007 19:09:46	Bright	45.500	116	19Del Sgr	2.7000	4100.0	91	27923	No
213	GOM_NL__2PRFIN20070703_191058_000000412059_00314_27923_6234.N1	03-JUL-2007 19:10:58	Bright	41.000	137	22Lam Sgr	2.8240	4400.0	82	27923	No
214	GOM_NL__2PRFIN20070703_191431_000000362059_00314_27923_6235.N1	03-JUL-2007 19:14:31	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	27923	No
215	GOM_NL__2PRFIN20070703_192005_000000372059_00314_27923_6236.N1	03-JUL-2007 19:20:05	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	27923	No
216	GOM_NL__2PRFIN20070703_192224_000000372059_00314_27923_6237.N1	03-JUL-2007 19:22:24	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	27923	No
217	GOM_NL__2PRFIN20070703_192512_000000372059_00314_27923_6238.N1	03-JUL-2007 19:25:12	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27923	No
218	GOM_NL__2PRFIN20070703_192754_000000352059_00314_27923_6239.N1	03-JUL-2007 19:27:54	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	27923	No
219	GOM_NL__2PRFIN20070703_193347_000000372059_00314_27923_6240.N1	03-JUL-2007 19:33:47	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	27923	No

220	GOM_NL__2PRFIN20070703_193617_000000372059_00314_27923_6241.N1	03-JUL-2007 19:36:17	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27923	No
221	GOM_NL__2PRFIN20070703_194019_000000372059_00314_27923_6242.N1	03-JUL-2007 19:40:19	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27923	No
222	GOM_NL__2PRFIN20070703_194428_000000362059_00314_27923_6243.N1	03-JUL-2007 19:44:28	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27923	No
223	GOM_NL__2PRFIN20070703_195554_000000362059_00314_27923_6244.N1	03-JUL-2007 19:55:54	Bright	35.500	35	33Alp Per	1.7950	6250.0	71	27923	No
224	GOM_NL__2PRFIN20070703_200328_000000412059_00314_27923_6245.N1	03-JUL-2007 20:03:28	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	27923	No
225	GOM_NL__2PRFIN20070703_201353_000000402059_00314_27923_6246.N1	03-JUL-2007 20:13:53	Dark	39.500	165	34Gam Eri	2.9500	3200.0	79	27923	No
226	GOM_NL__2PRFIN20070703_202832_000000432059_00315_27924_6240.N1	03-JUL-2007 20:28:32	Dark	43.000	9	Alp Eri	0.45300	24000.	86	27924	No
227	GOM_NL__2PRFIN20070703_203603_000000422059_00315_27924_3498.N1	03-JUL-2007 20:36:03	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	27924	No
228	GOM_NL__2PRFIN20070703_204021_000000402059_00315_27924_3499.N1	03-JUL-2007 20:40:21	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	27924	No
229	GOM_NL__2PRFIN20070703_204717_000000412059_00315_27924_3500.N1	03-JUL-2007 20:47:17	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	27924	No
230	GOM_NL__2PRFIN20070703_204856_000000412059_00315_27924_3501.N1	03-JUL-2007 20:48:56	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	27924	No
231	GOM_NL__2PRFIN20070703_205022_000000422059_00315_27924_3502.N1	03-JUL-2007 20:50:22	Bright	42.000	116	19Del Sgr	2.7000	4100.0	84	27924	No
232	GOM_NL__2PRFIN20070703_205134_000000422059_00315_27924_3503.N1	03-JUL-2007 20:51:34	Bright	41.500	137	22Lam Sgr	2.8240	4400.0	83	27924	No
233	GOM_NL__2PRFIN20070703_205507_000000372059_00315_27924_3504.N1	03-JUL-2007 20:55:07	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	27924	No
234	GOM_NL__2PRFIN20070703_210040_000000362059_00315_27924_3505.N1	03-JUL-2007 21:00:40	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	27924	No
235	GOM_NL__2PRFIN20070703_210259_000000362059_00315_27924_3506.N1	03-JUL-2007 21:02:59	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	27924	No
236	GOM_NL__2PRFIN20070703_210548_000000372059_00315_27924_3507.N1	03-JUL-2007 21:05:48	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27924	No
237	GOM_NL__2PRFIN20070703_210830_000000342059_00315_27924_3508.N1	03-JUL-2007 21:08:30	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	27924	No
238	GOM_NL__2PRFIN20070703_211423_000000382059_00315_27924_3509.N1	03-JUL-2007 21:14:23	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	27924	No
239	GOM_NL__2PRFIN20070703_211653_000000362059_00315_27924_3510.N1	03-JUL-2007 21:16:53	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	27924	No
240	GOM_NL__2PRFIN20070703_212055_000000362059_00315_27924_3511.N1	03-JUL-2007 21:20:55	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	27924	No
241	GOM_NL__2PRFIN20070703_212504_000000362059_00315_27924_3512.N1	03-JUL-2007 21:25:04	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27924	No
242	GOM_NL__2PRFIN20070703_213629_000000552059_00315_27924_3513.N1	03-JUL-2007 21:36:29	Bright	55.000	35	33Alp Per	1.7950	6250.0	110	27924	No
243	GOM_NL__2PRFIN20070703_214404_000000392059_00315_27924_3514.N1	03-JUL-2007 21:44:04	Twilight	38.500	146	25Eta Tau	2.8730	15200.	77	27924	No
244	GOM_NL__2PRFIN20070703_215429_000000432059_00315_27924_3515.N1	03-JUL-2007 21:54:29	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	27924	No
245	GOM_NL__2PRFIN20070703_220259_000000392059_00315_27924_3516.N1	03-JUL-2007 22:02:59	Dark	38.500	157	The1Eri	2.9060	9300.0	77	27924	No
246	GOM_NL__2PRFIN20070703_220909_000000432059_00316_27925_6254.N1	03-JUL-2007 22:09:09	Dark	42.500	9	Alp Eri	0.45300	24000.	85	27925	No
247	GOM_NL__2PRFIN20070703_221639_000000422059_00316_27925_6255.N1	03-JUL-2007 22:16:39	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	27925	No
248	GOM_NL__2PRFIN20070703_222057_000000402059_00316_27925_6256.N1	03-JUL-2007 22:20:57	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	27925	No
249	GOM_NL__2PRFIN20070703_222753_000000412059_00316_27925_6257.N1	03-JUL-2007 22:27:53	Twi_and_stray	40.500	40	The Sco	1.8590	7100.0	81	27925	No
250	GOM_NL__2PRFIN20070703_222932_000000432059_00316_27925_6258.N1	03-JUL-2007 22:29:32	Twi_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	27925	No
251	GOM_NL__2PRFIN20070703_223058_000000452059_00316_27925_6259.N1	03-JUL-2007 22:30:58	Bright	44.500	116	19Del Sgr	2.7000	4100.0	89	27925	No
252	GOM_NL__2PRFIN20070703_223210_000000432059_00316_27925_6260.N1	03-JUL-2007 22:32:10	Bright	42.500	137	22Lam Sgr	2.8240	4400.0	85	27925	No
253	GOM_NL__2PRFIN20070703_223543_000000362059_00316_27925_6261.N1	03-JUL-2007 22:35:43	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	27925	No
254	GOM_NL__2PRFIN20070703_224116_000000362059_00316_27925_6262.N1	03-JUL-2007 22:41:16	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	27925	No
255	GOM_NL__2PRFIN20070703_224335_000000352059_00316_27925_6263.N1	03-JUL-2007 22:43:35	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	27925	No
256	GOM_NL__2PRFIN20070703_224624_000000372059_00316_27925_6264.N1	03-JUL-2007 22:46:24	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27925	No
257	GOM_NL__2PRFIN20070703_224906_000000342059_00316_27925_6265.N1	03-JUL-2007 22:49:06	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	27925	No
258	GOM_NL__2PRFIN20070703_225458_000000382059_00316_27925_3523.N1	03-JUL-2007 22:54:58	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	27925	No
259	GOM_NL__2PRFIN20070703_225729_000000322059_00316_27925_3524.N1	03-JUL-2007 22:57:29	Bright	32.000	119	14Eta Dra	2.7270	4700.0	64	27925	No
260	GOM_NL__2PRFIN20070703_230131_000000362059_00316_27925_3525.N1	03-JUL-2007 23:01:31	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27925	No
261	GOM_NL__2PRFIN20070703_230539_000000352059_00316_27925_3526.N1	03-JUL-2007 23:05:39	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27925	No
262	GOM_NL__2PRFIN20070703_231705_000000452059_00316_27925_3527.N1	03-JUL-2007 23:17:05	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	27925	No
263	GOM_NL__2PRFIN20070703_232440_000000402059_00316_27925_3528.N1	03-JUL-2007 23:24:40	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	27925	No
264	GOM_NL__2PRFIN20070703_233506_000000392059_00316_27925_3529.N1	03-JUL-2007 23:35:06	Dark	39.000	165	34Gam Eri	2.9500	3200.0	78	27925	No
265	GOM_NL__2PRFIN20070703_234945_000000432059_00317_27926_6268.N1	03-JUL-2007 23:49:45	Dark	43.000	9	Alp Eri	0.45300	24000.	86	27926	No
266	GOM_NL__2PRFIN20070703_235716_000000432059_00317_27926_6269.N1	03-JUL-2007 23:57:16	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	27926	No

3. Quality information per product

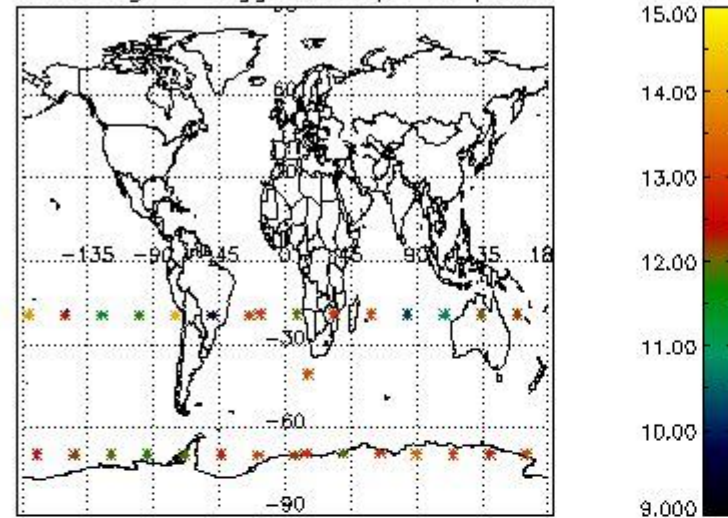
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

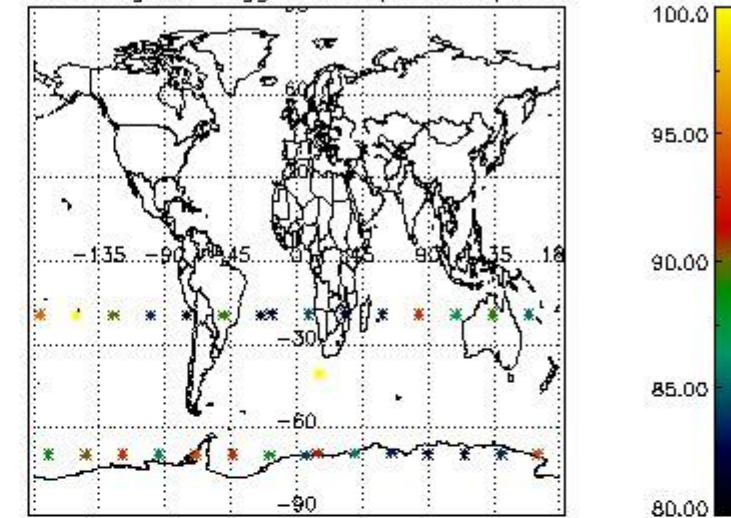


3.2 Plot quality information per product (world map)

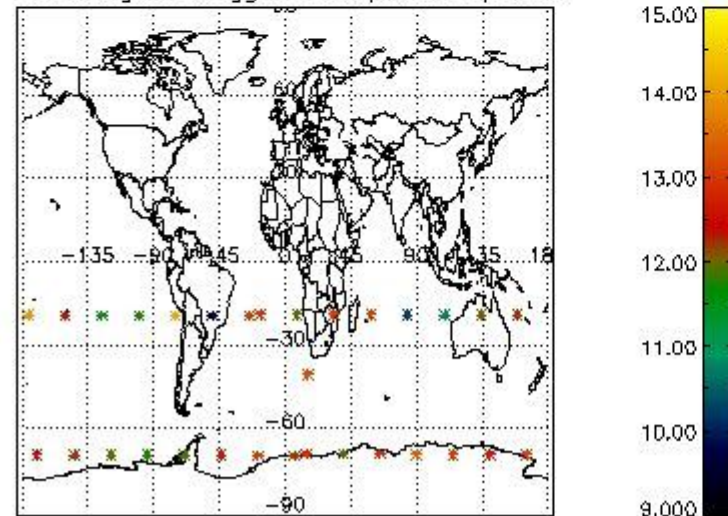
Percentage of flagged data per O3 profile



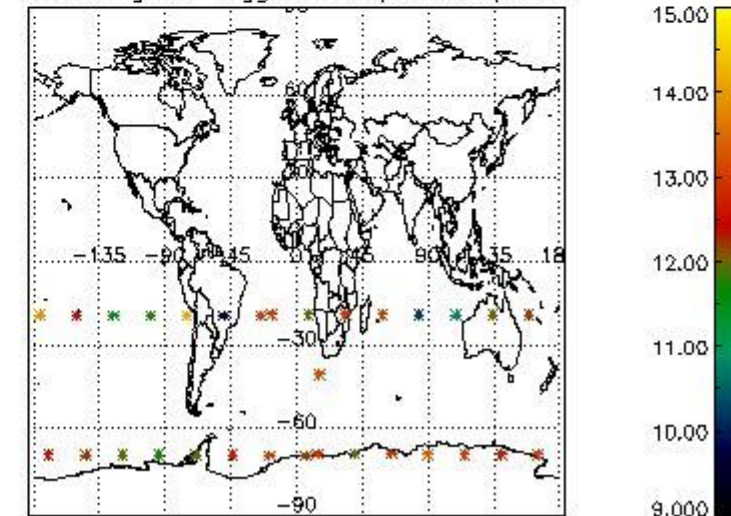
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

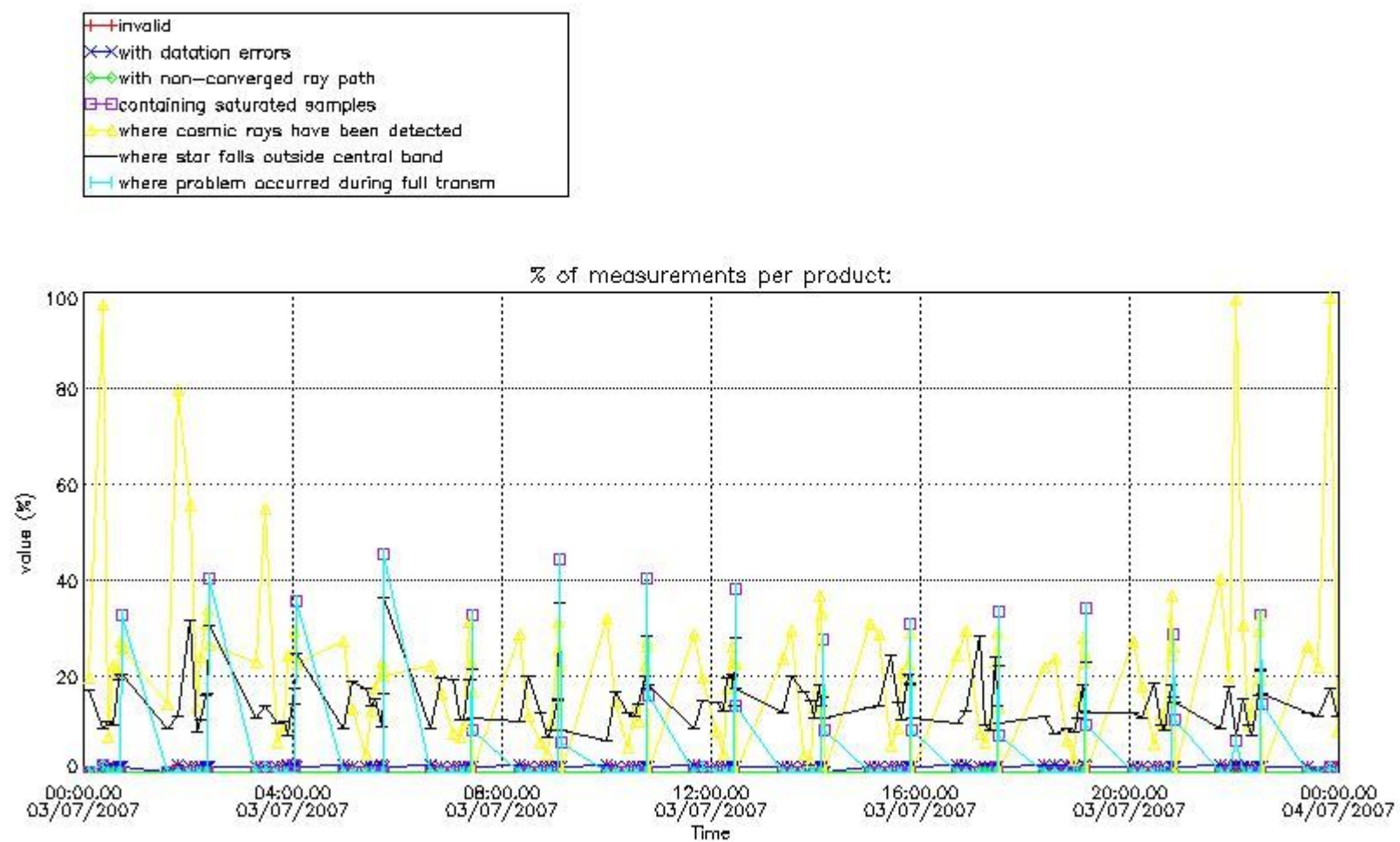


4. Level 1 quality information per product

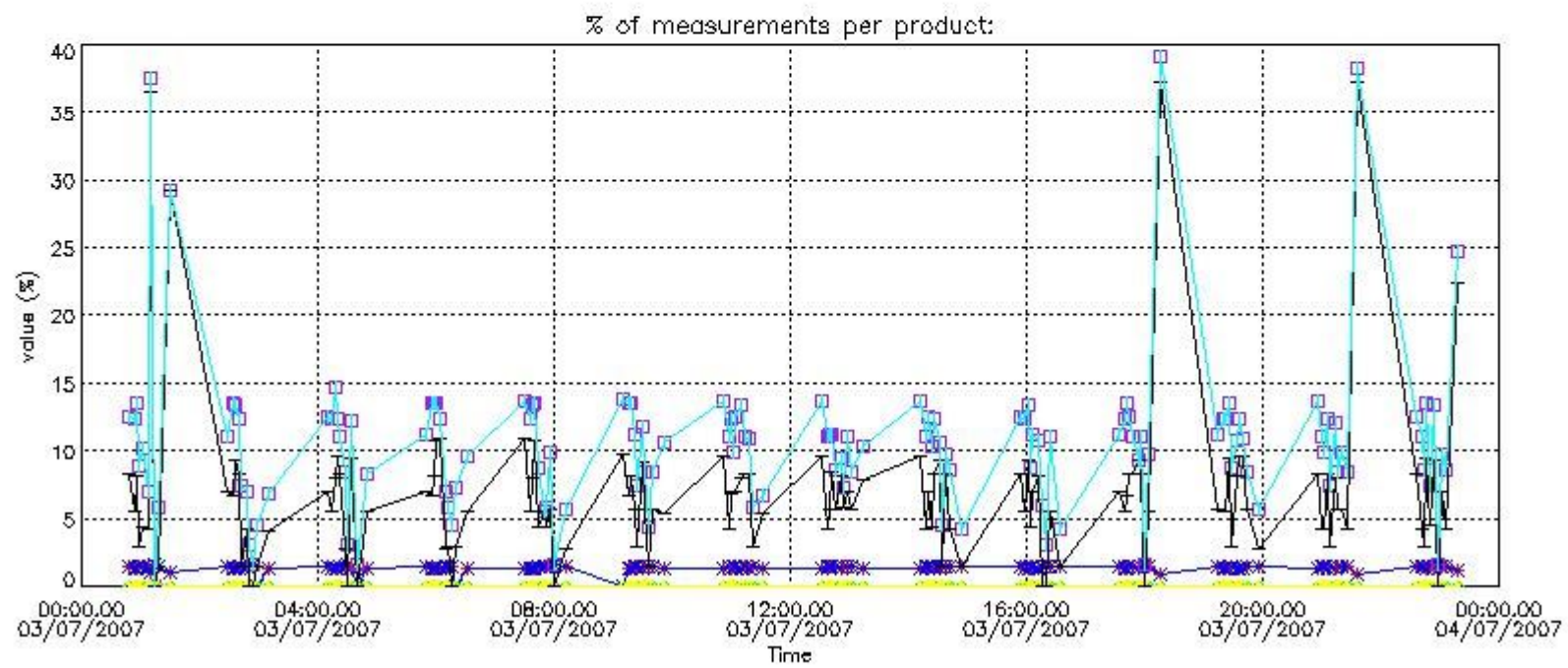
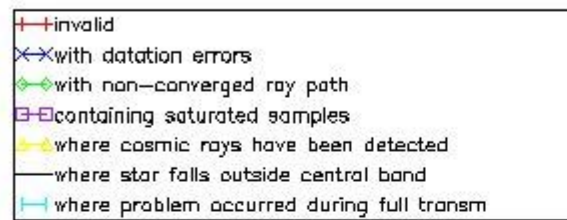
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



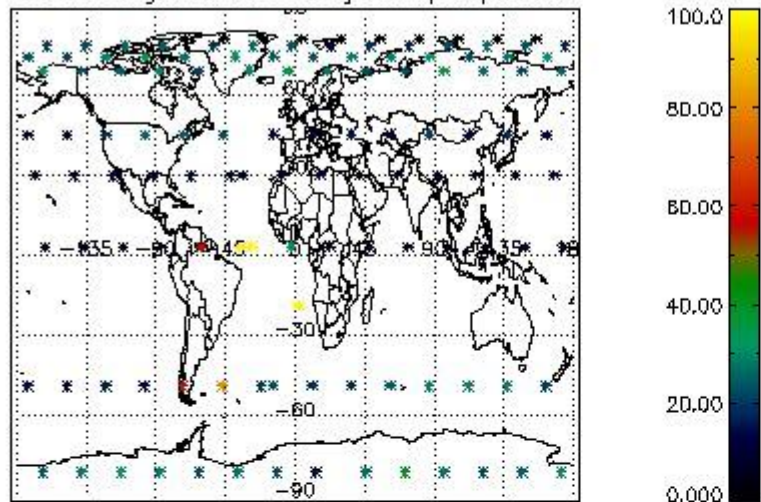
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



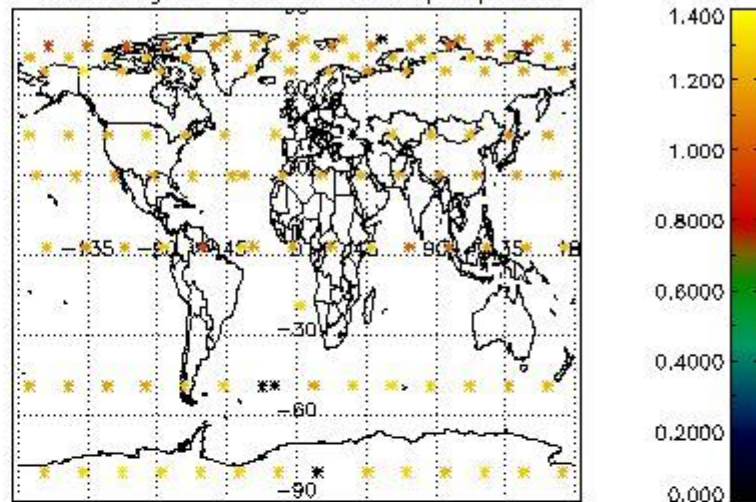
4.2 Plot quality information per product coming from level 1b processing (world map)

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

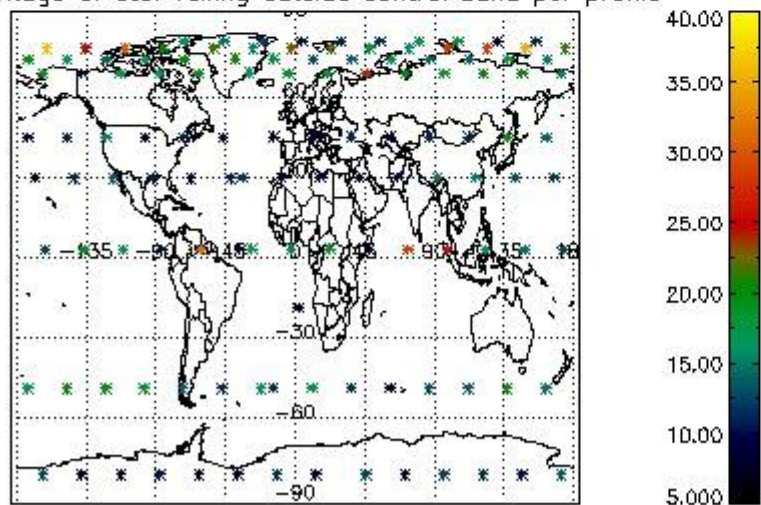
Percentage of cosmic ray hits per profile



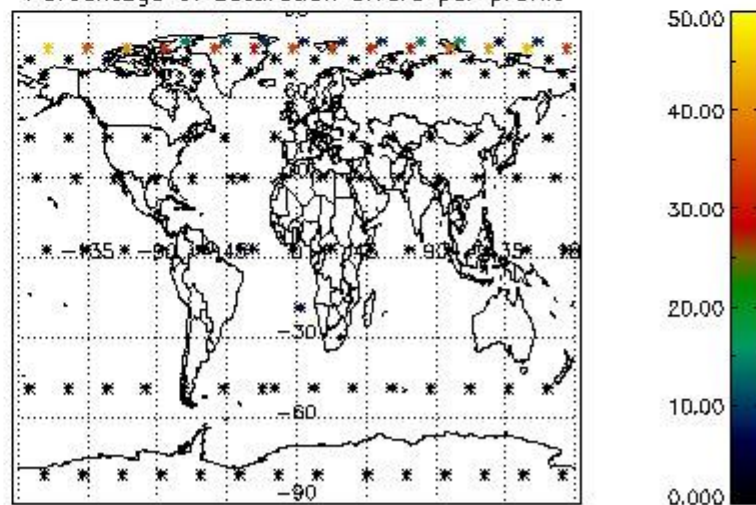
Percentage of datation errors per profile



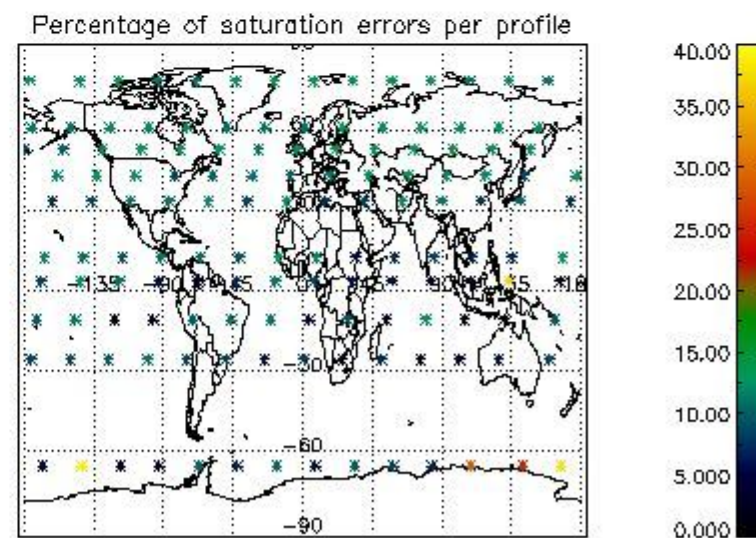
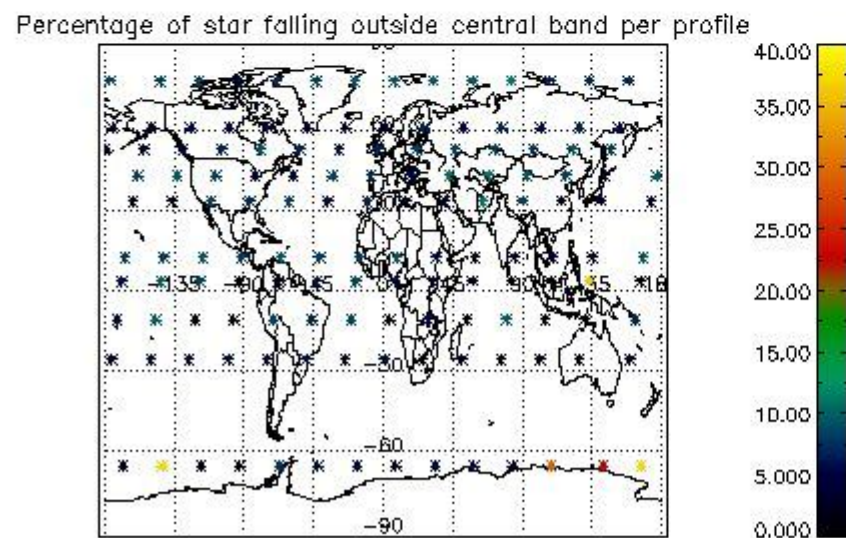
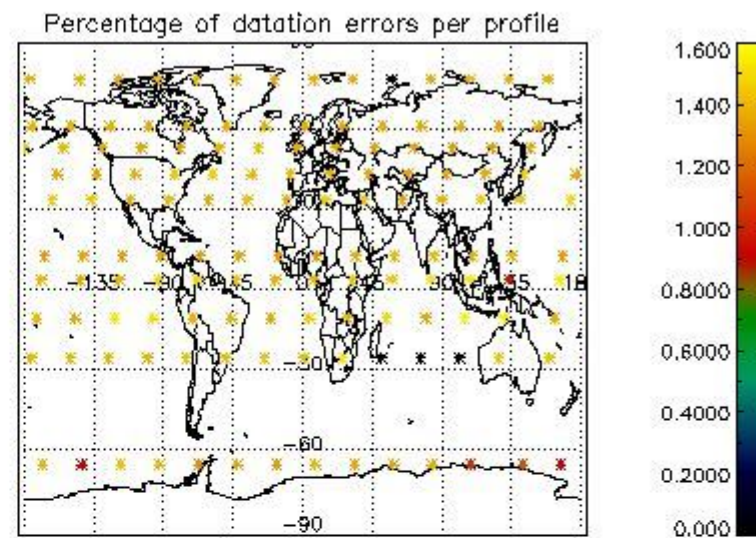
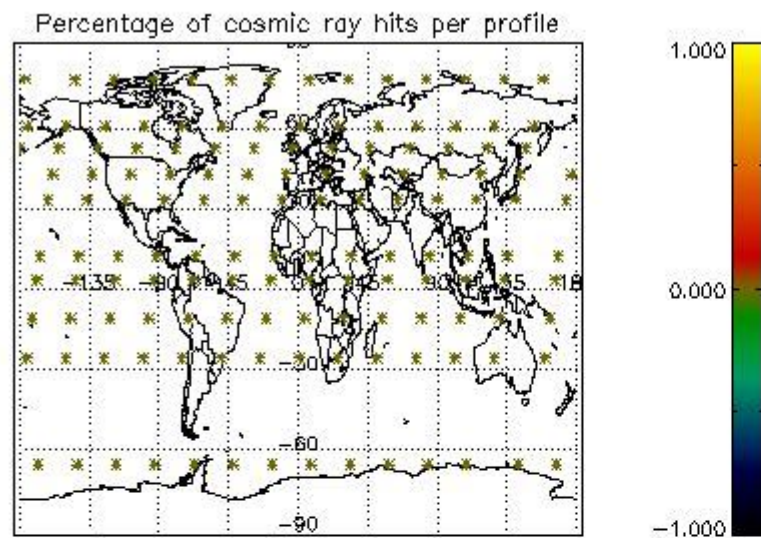
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

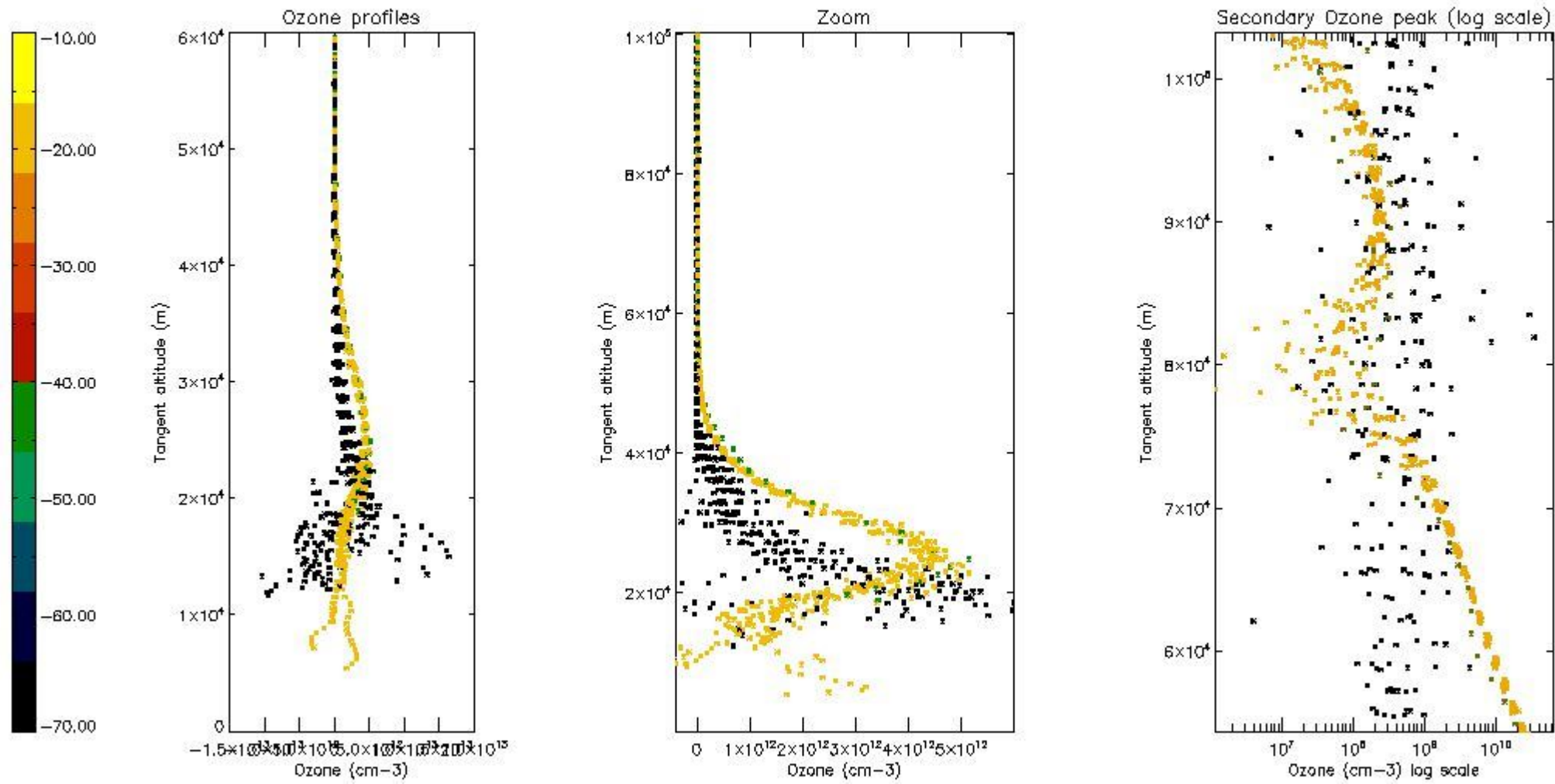
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	13
STD < 20	6

STD < 10	5
STD < 5	3

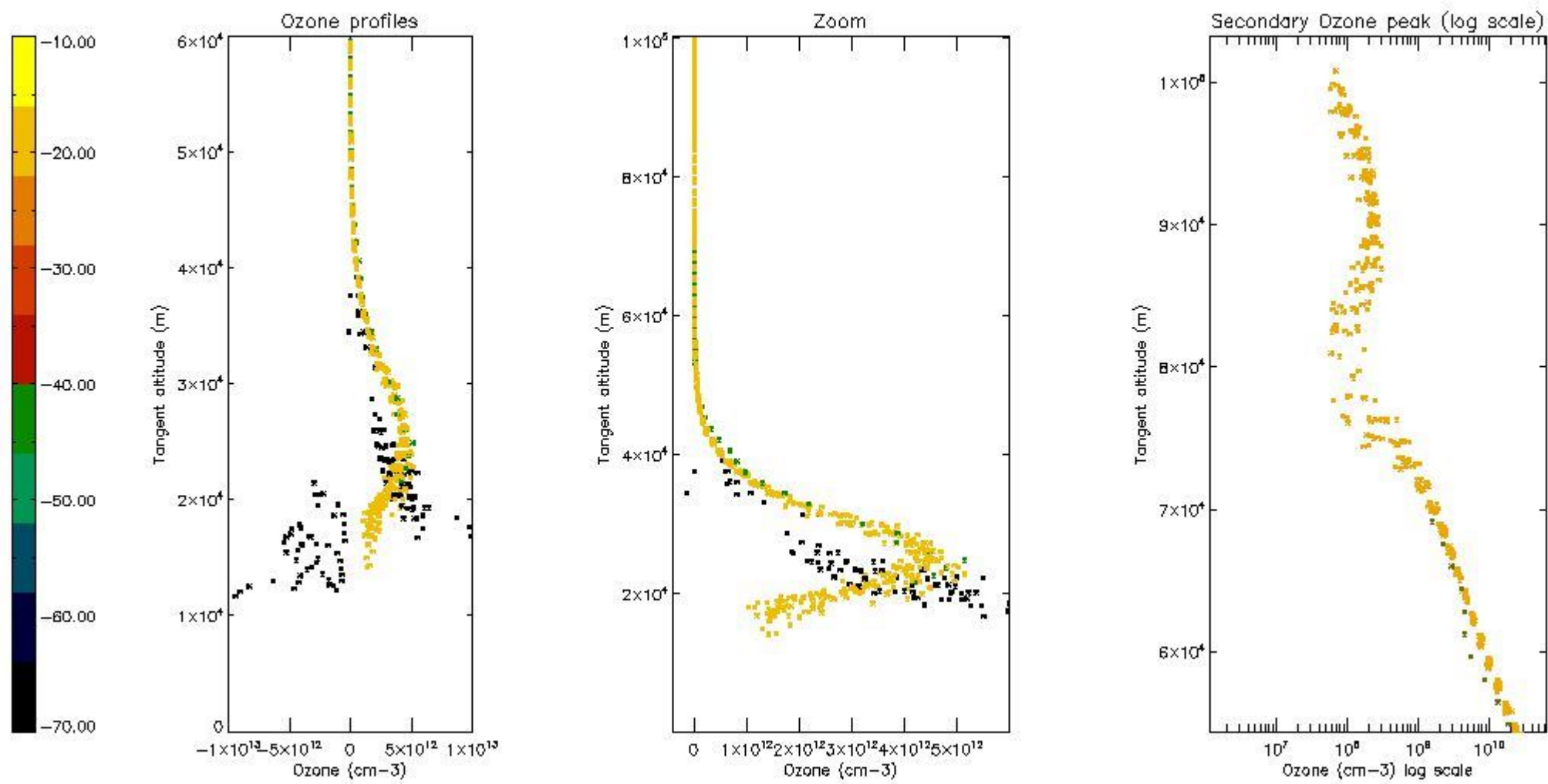
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



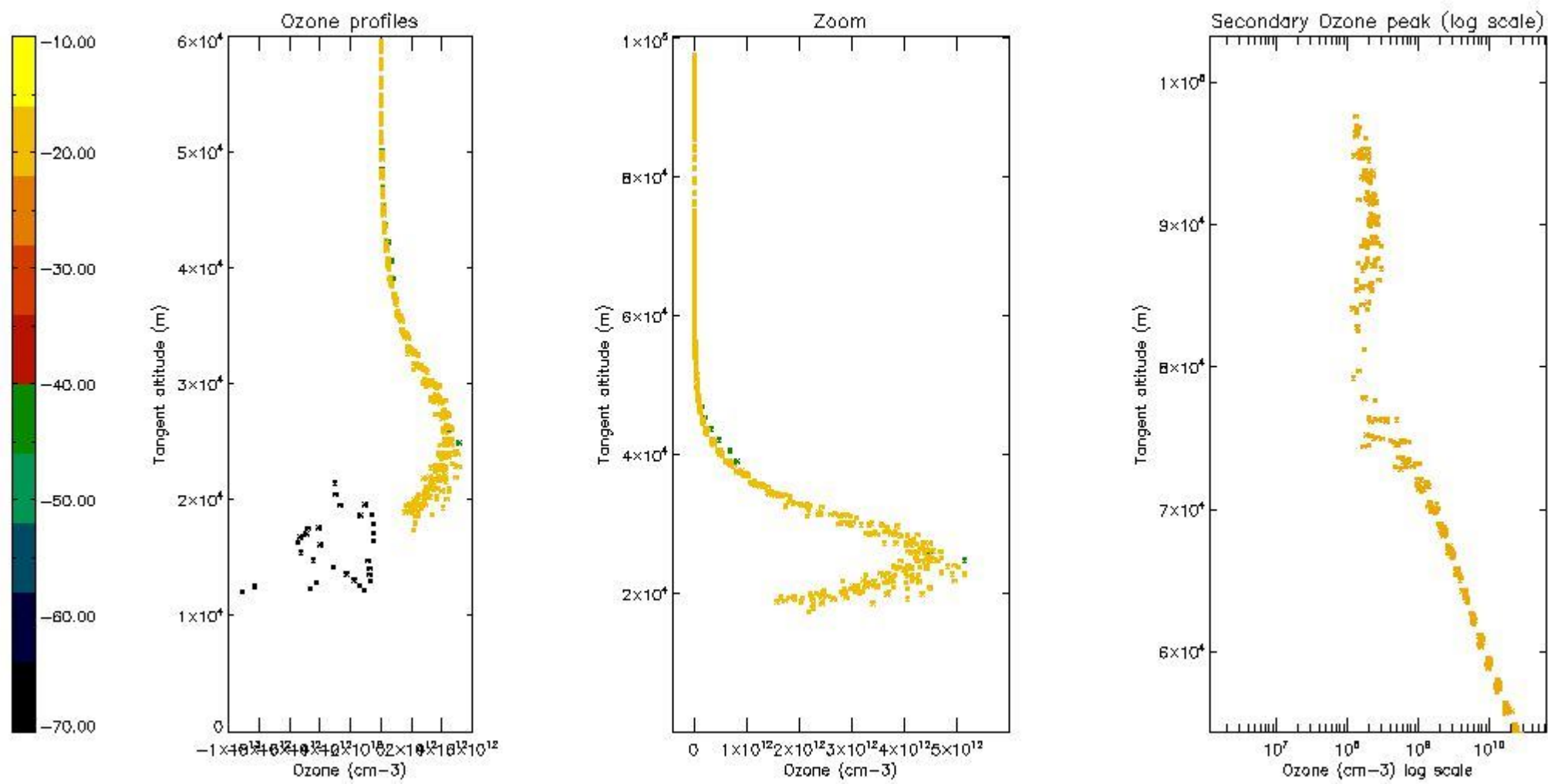
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



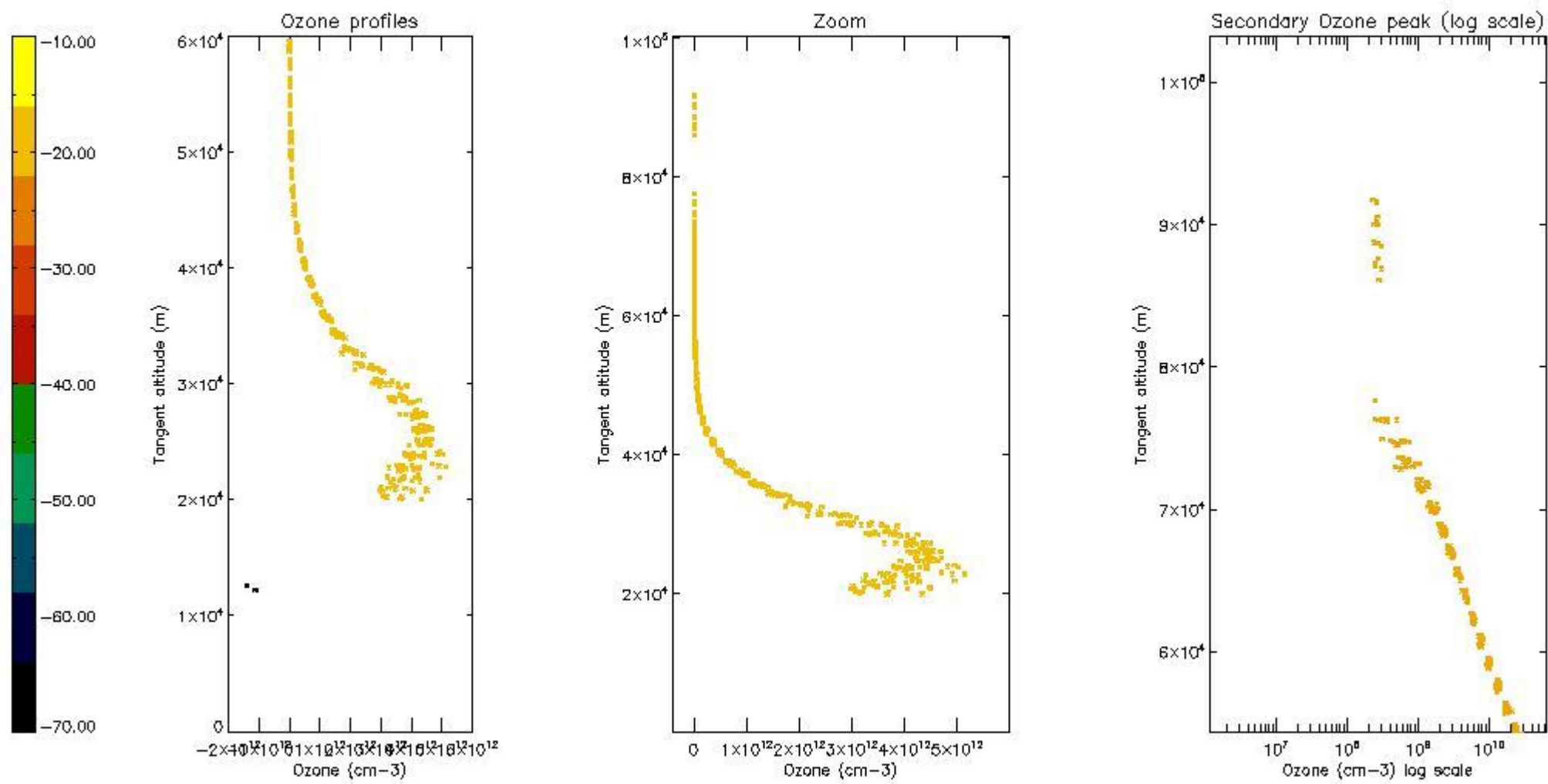
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



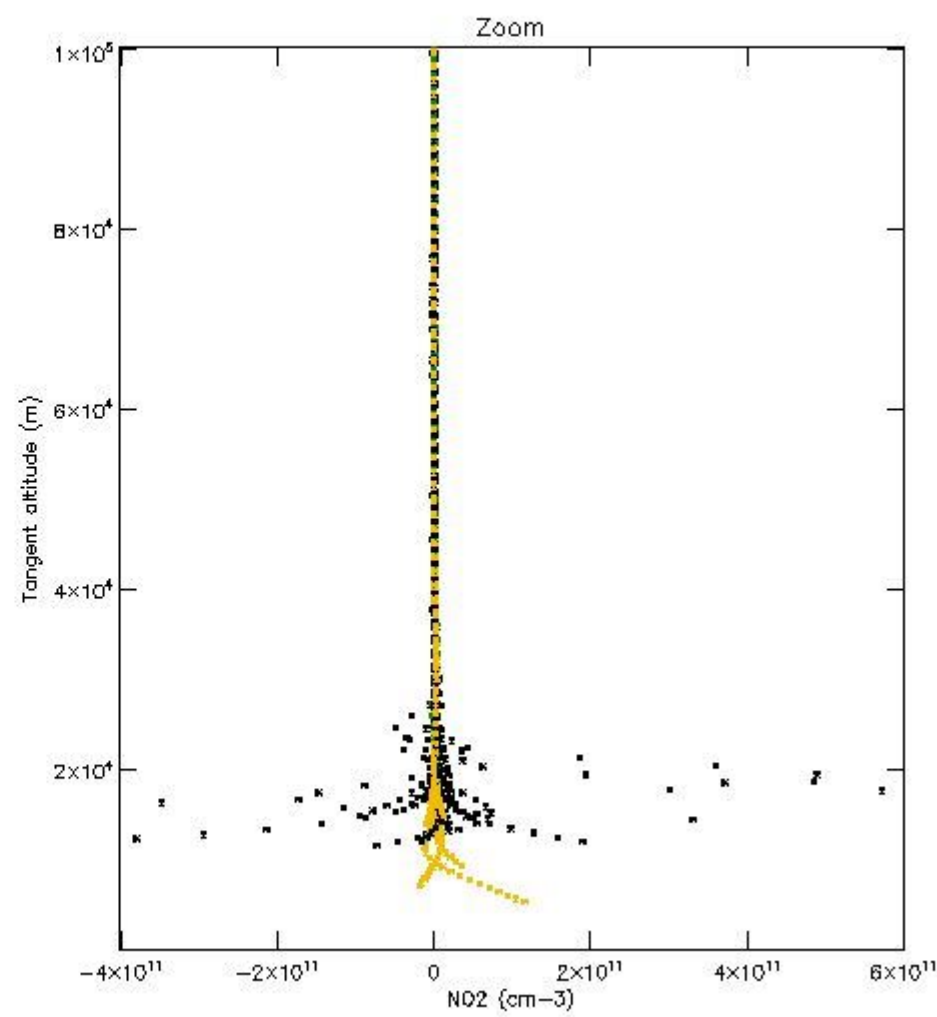
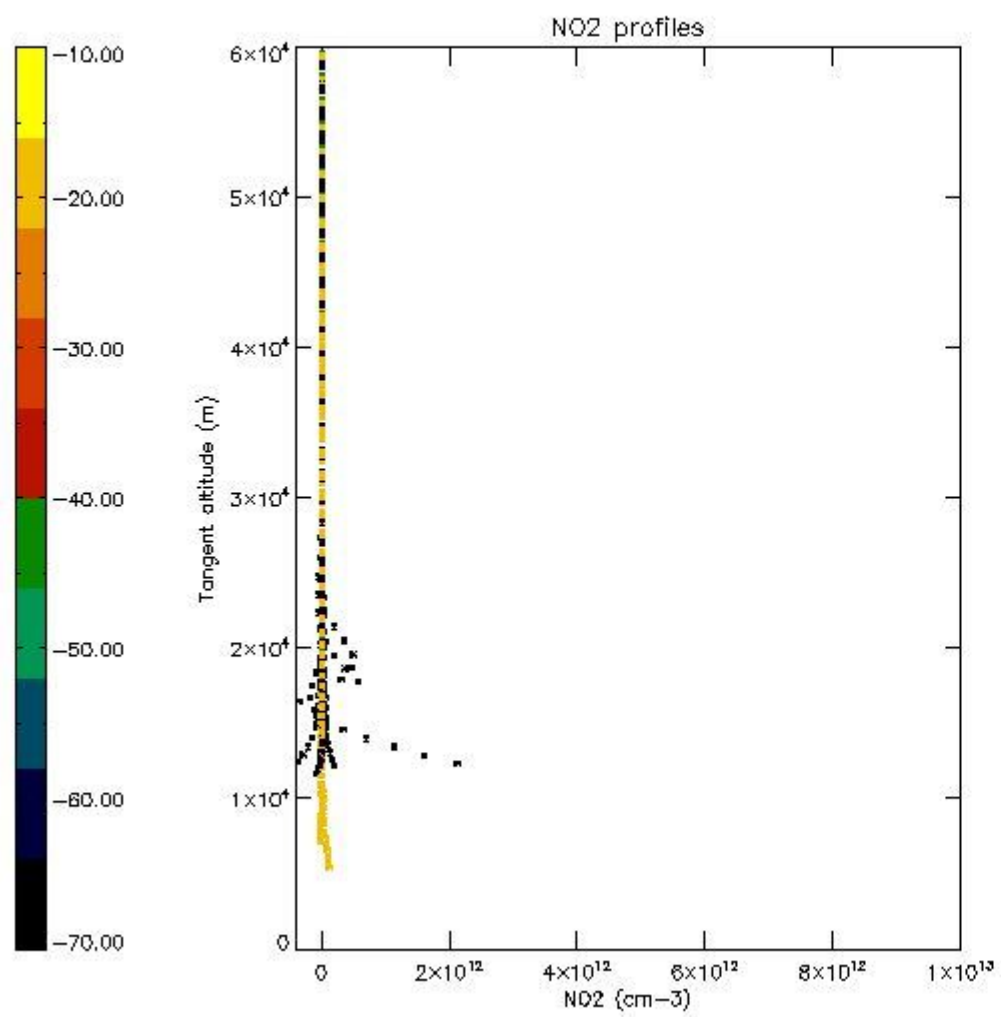
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



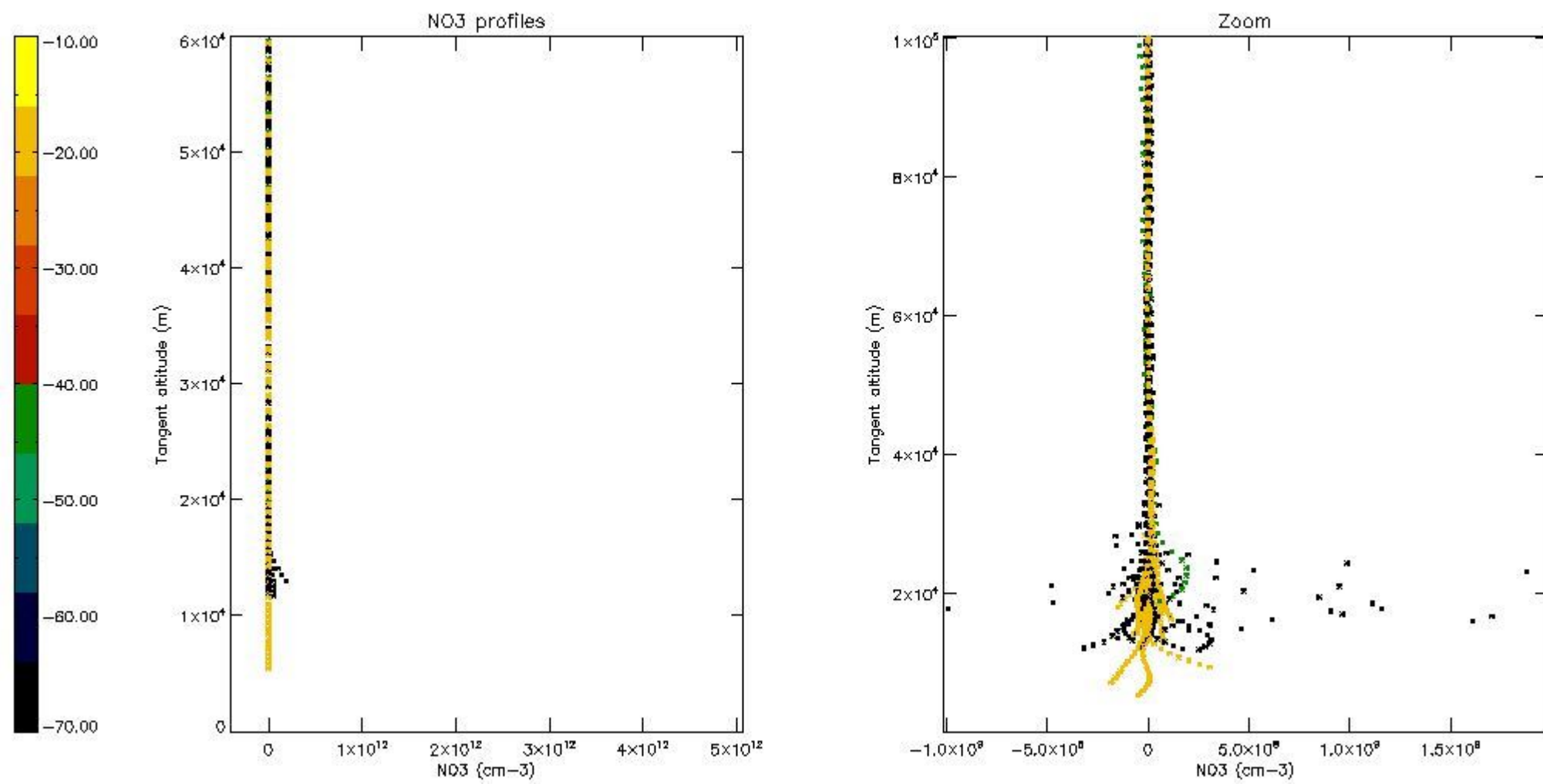
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

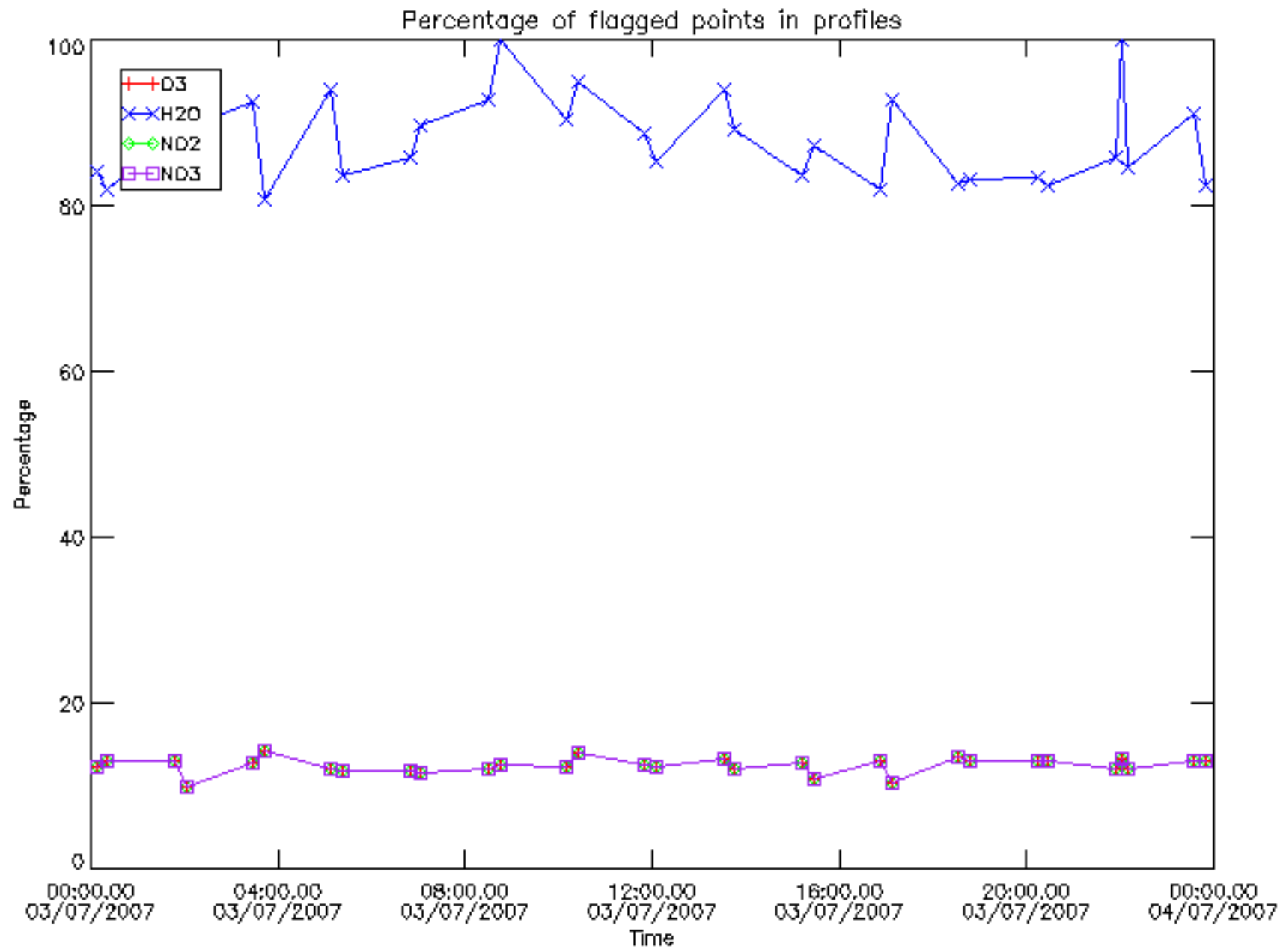
The colorbar represents the latitude.



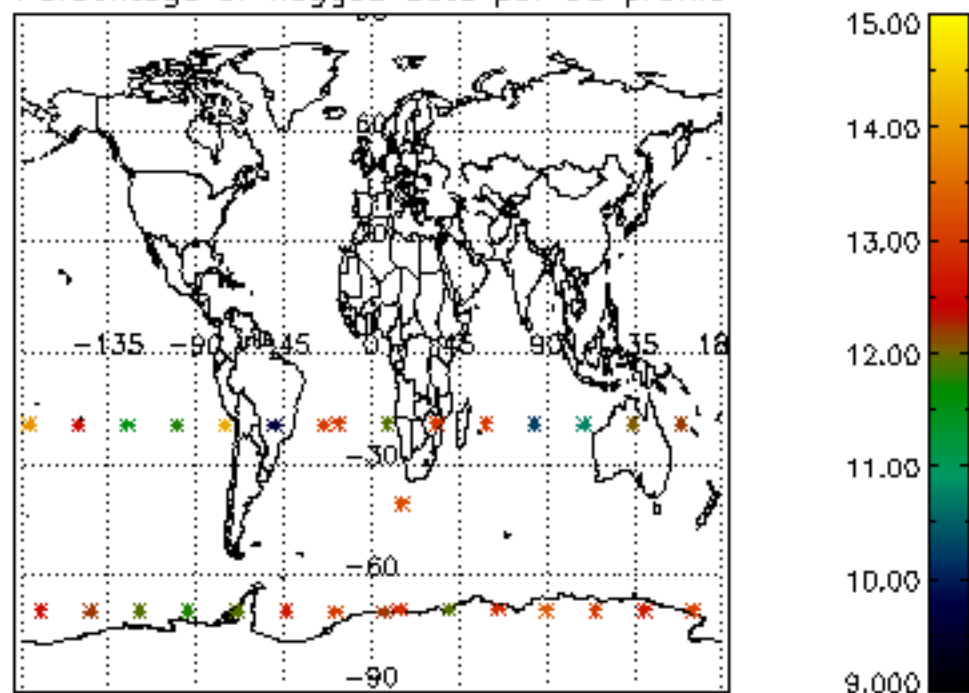
6. Auxiliary Data Files used for the production reported in section 2

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.

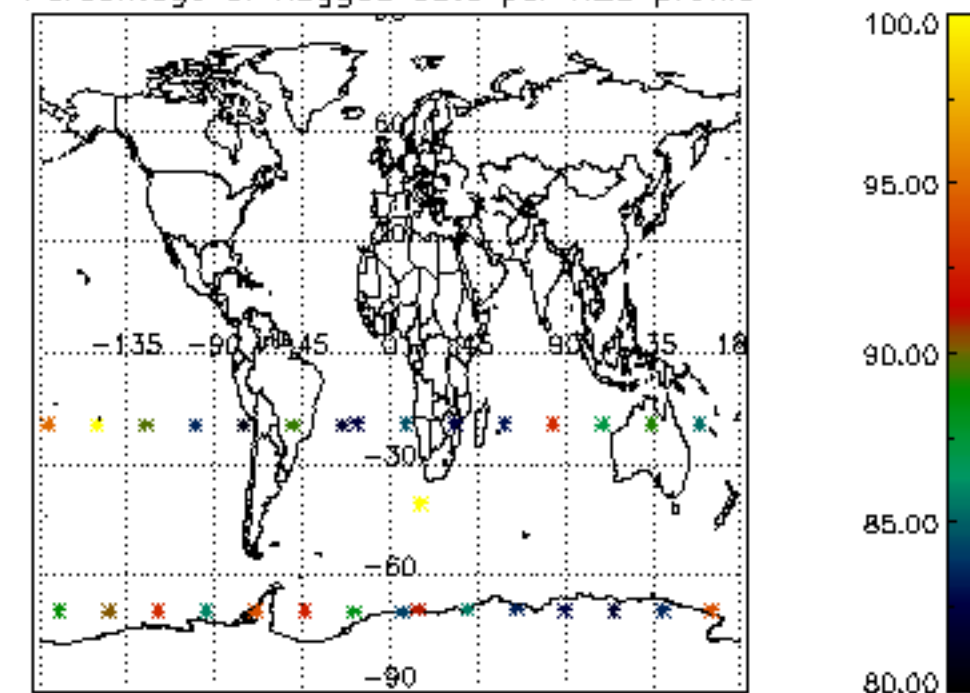
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-JUL-2007 00:06:39
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-JUL-2007 00:06:39
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-JUL-2007 00:06:39



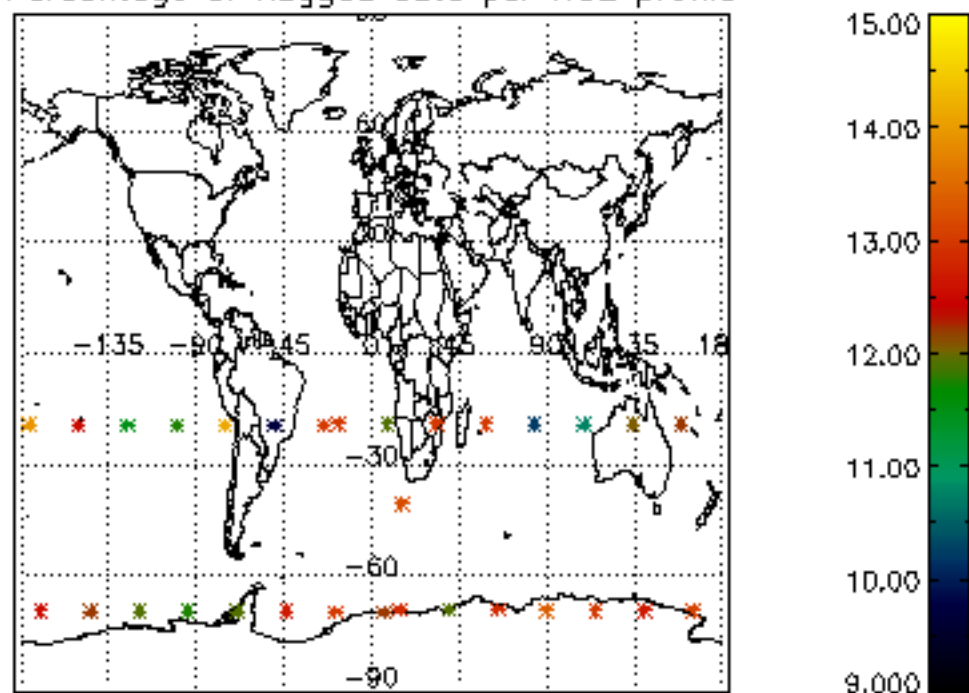
Percentage of flagged data per D3 profile



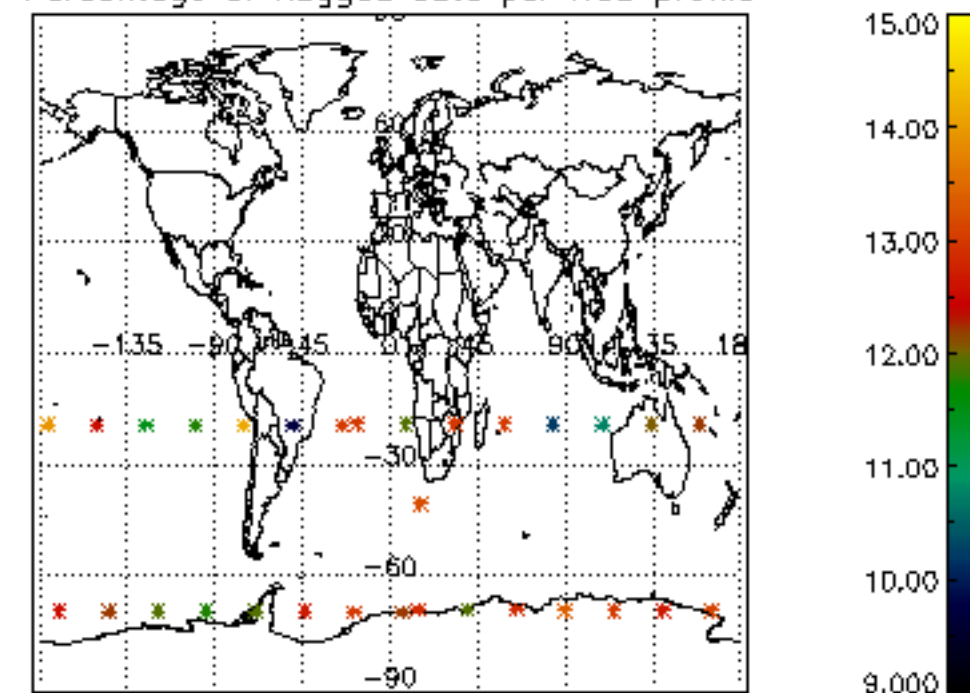
Percentage of flagged data per H2O profile

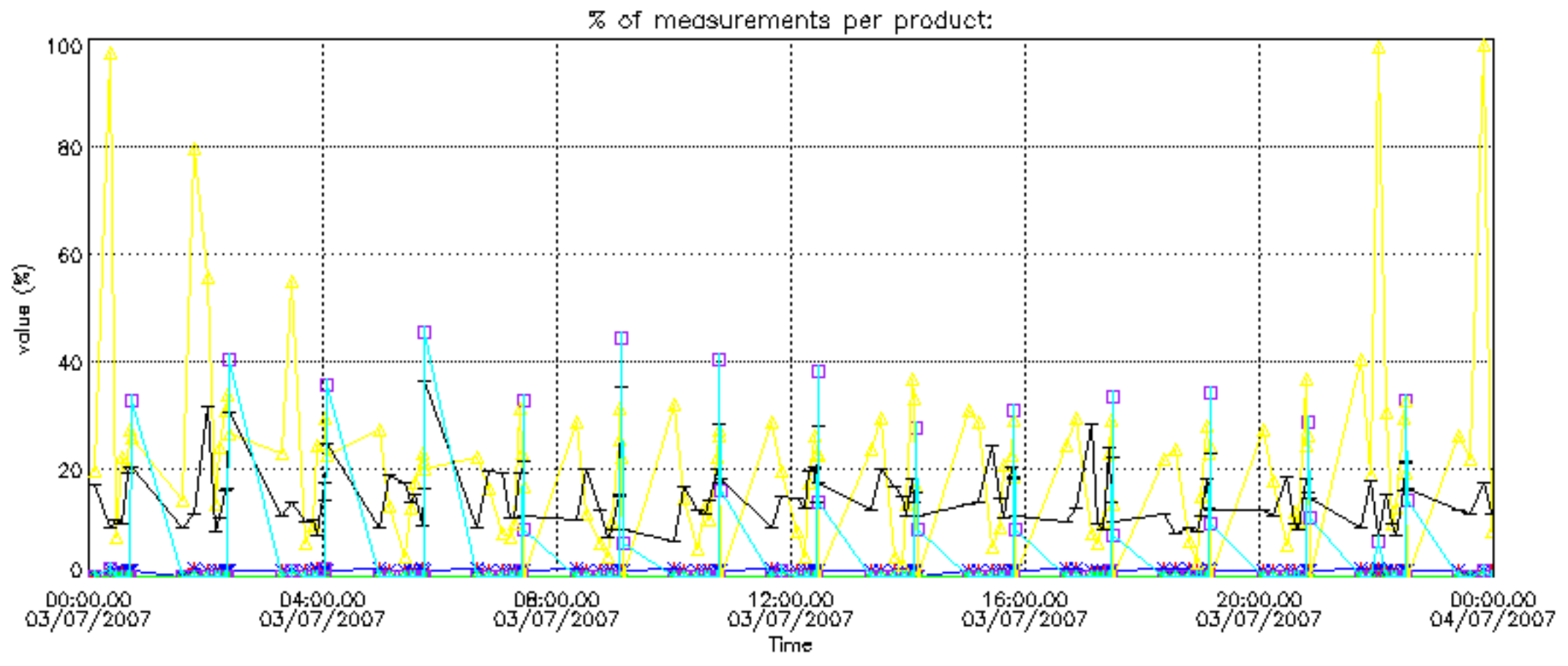


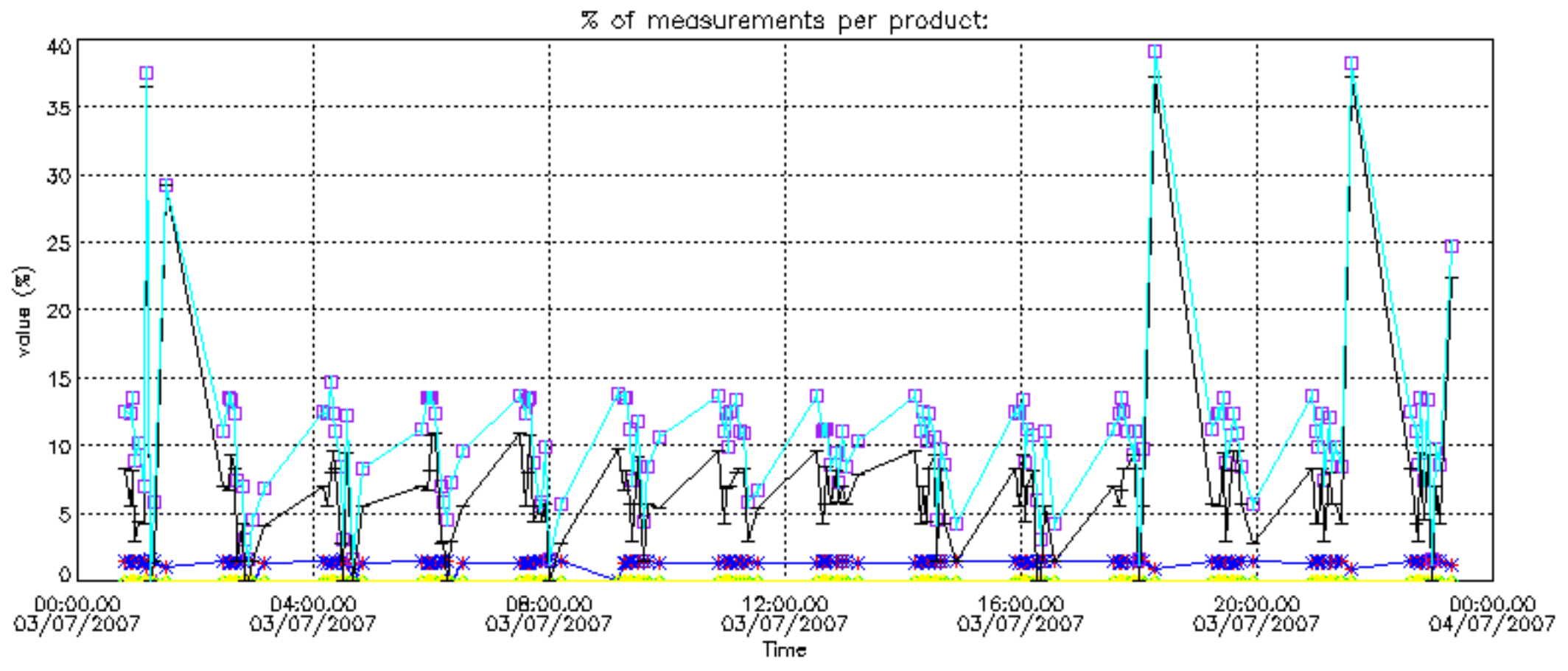
Percentage of flagged data per NO2 profile



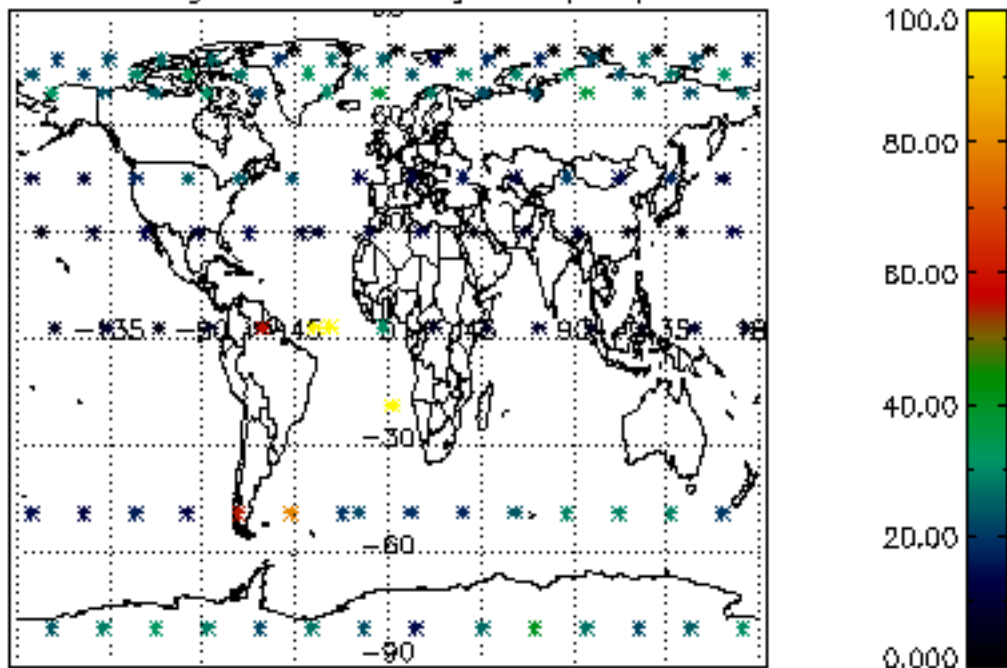
Percentage of flagged data per NO3 profile



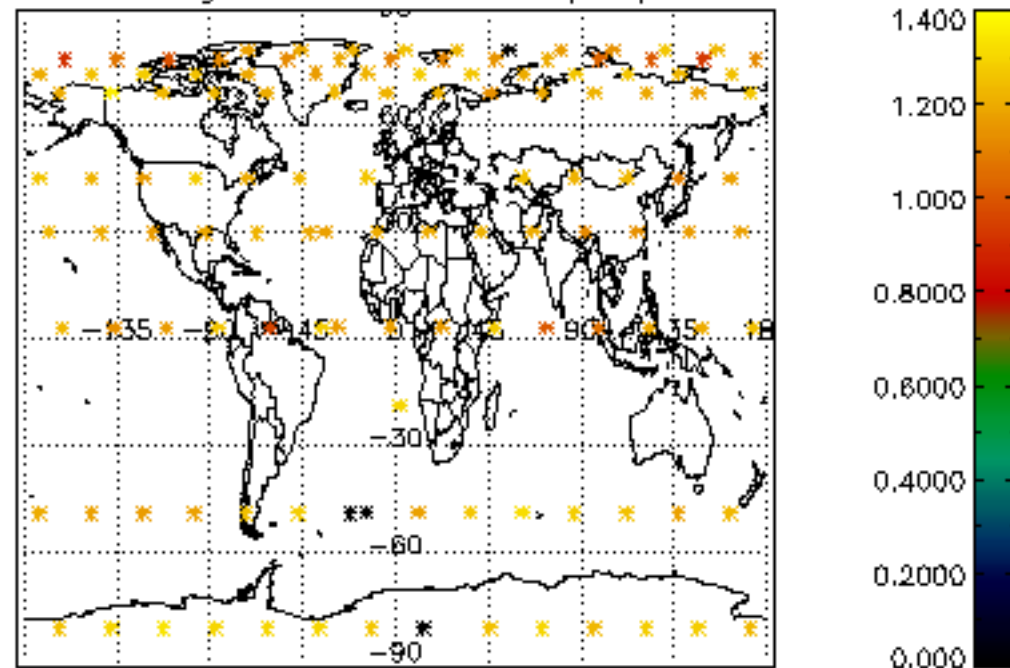




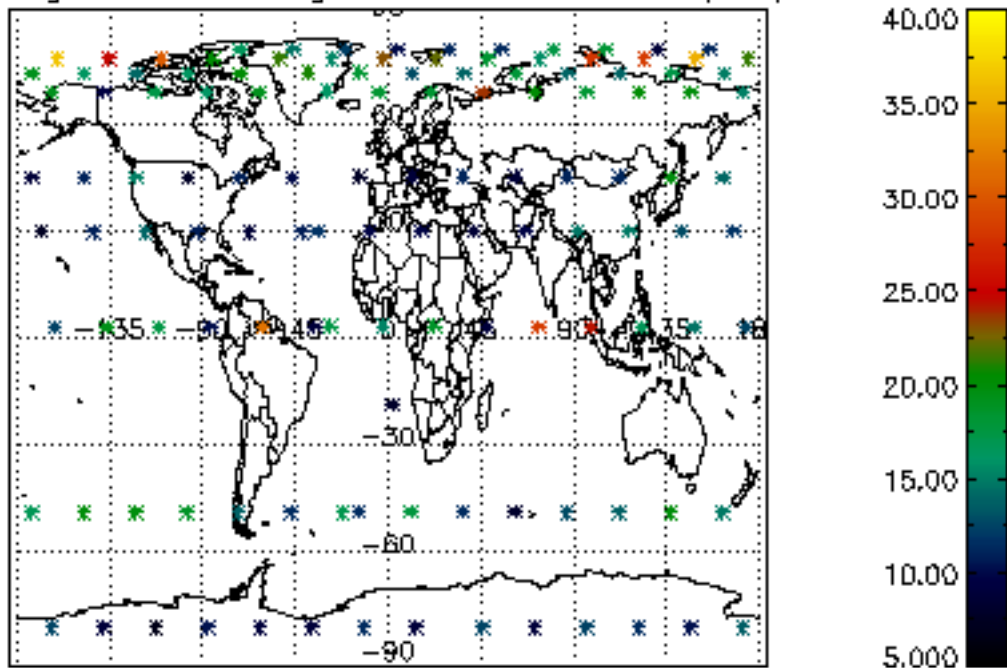
Percentage of cosmic ray hits per profile



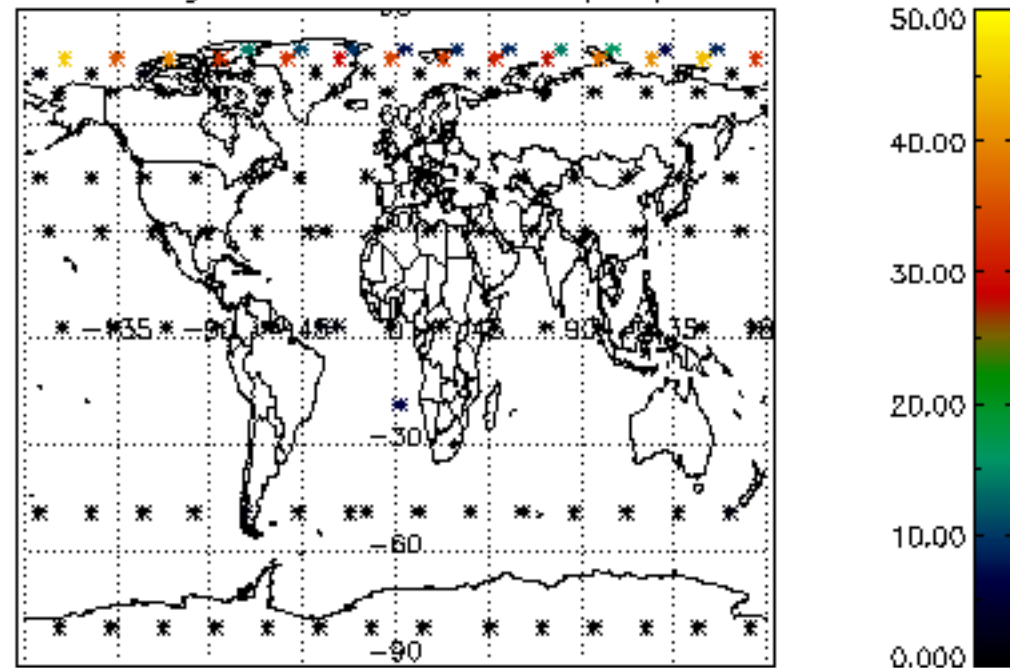
Percentage of datation errors per profile



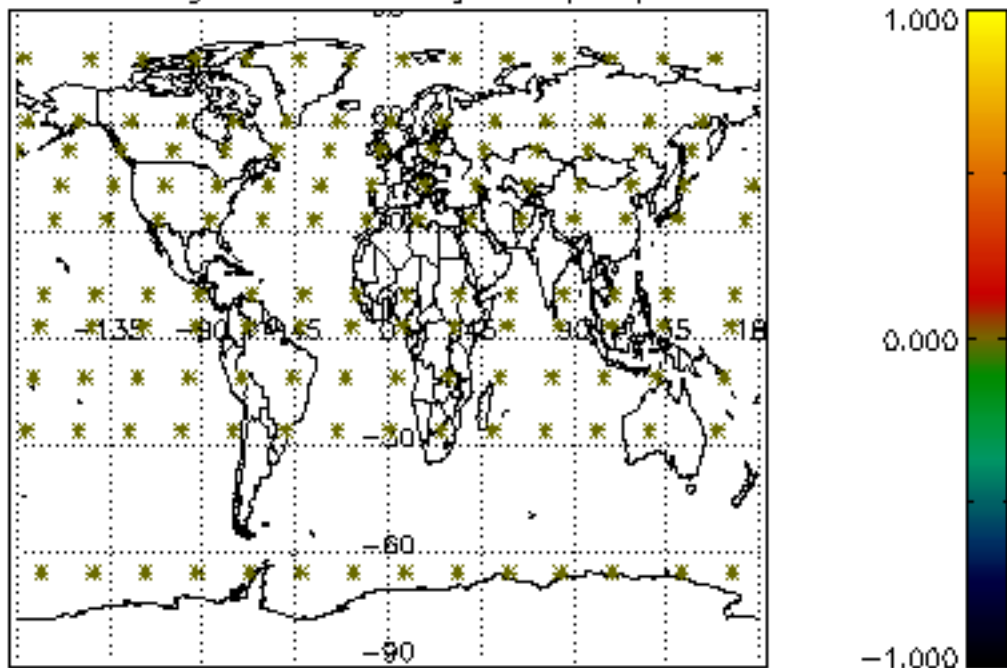
Percentage of star falling outside central band per profile



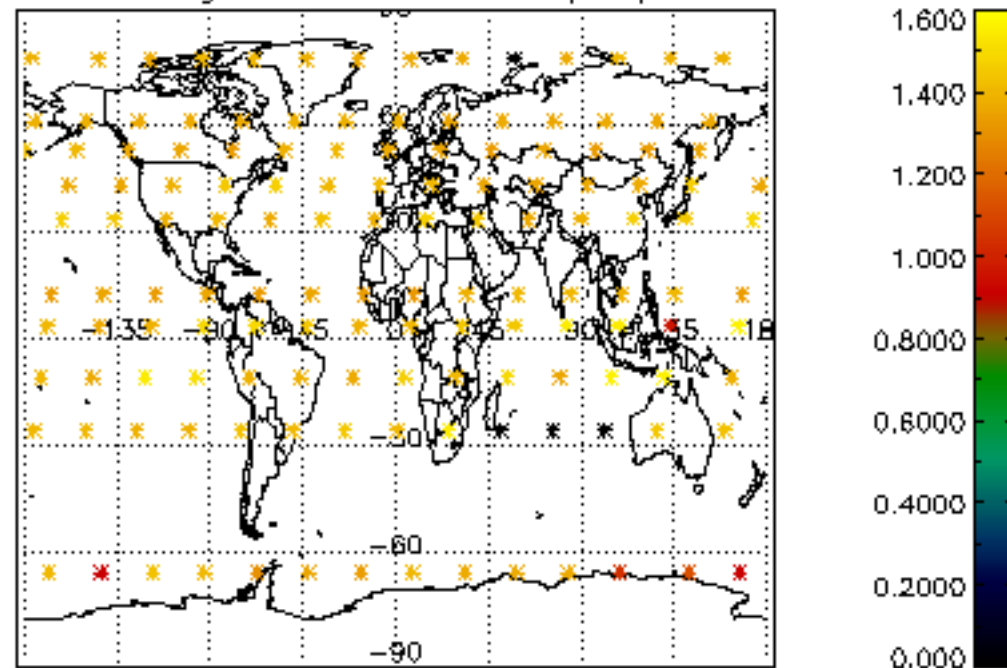
Percentage of saturation errors per profile



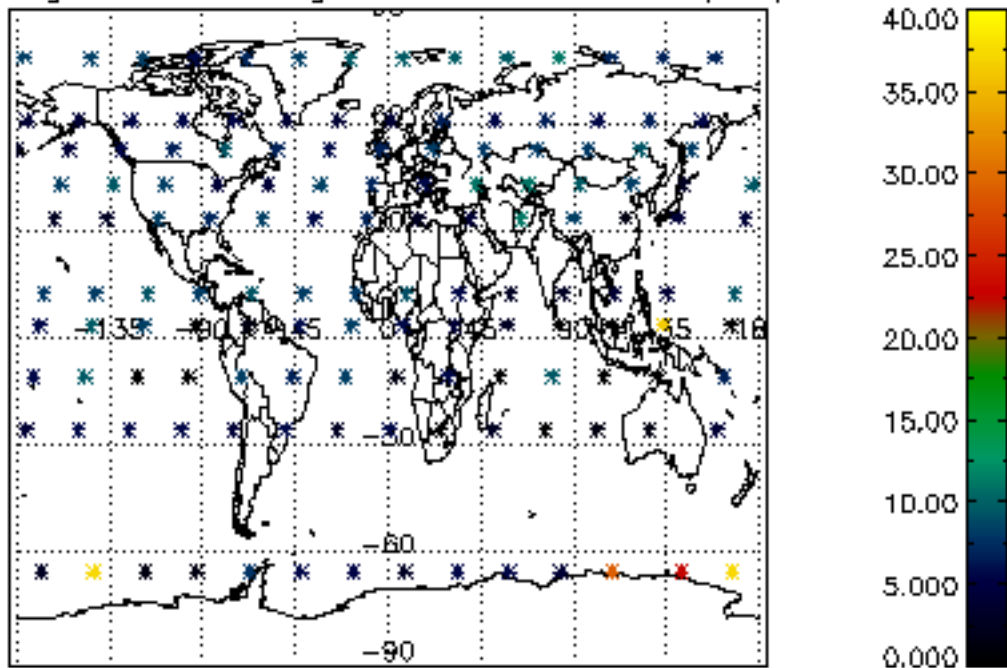
Percentage of cosmic ray hits per profile



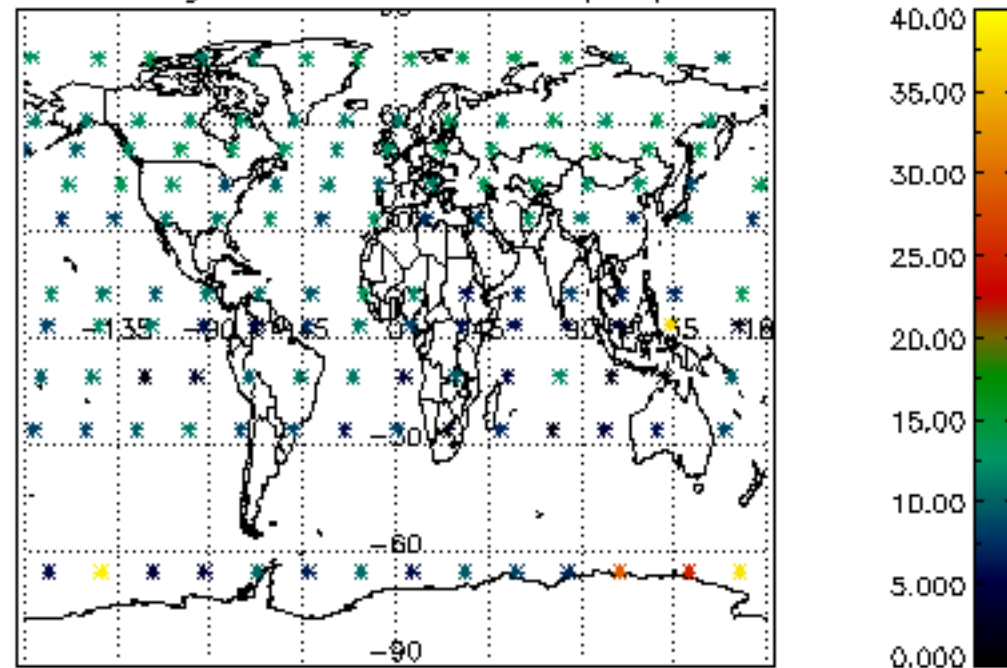
Percentage of datation errors per profile

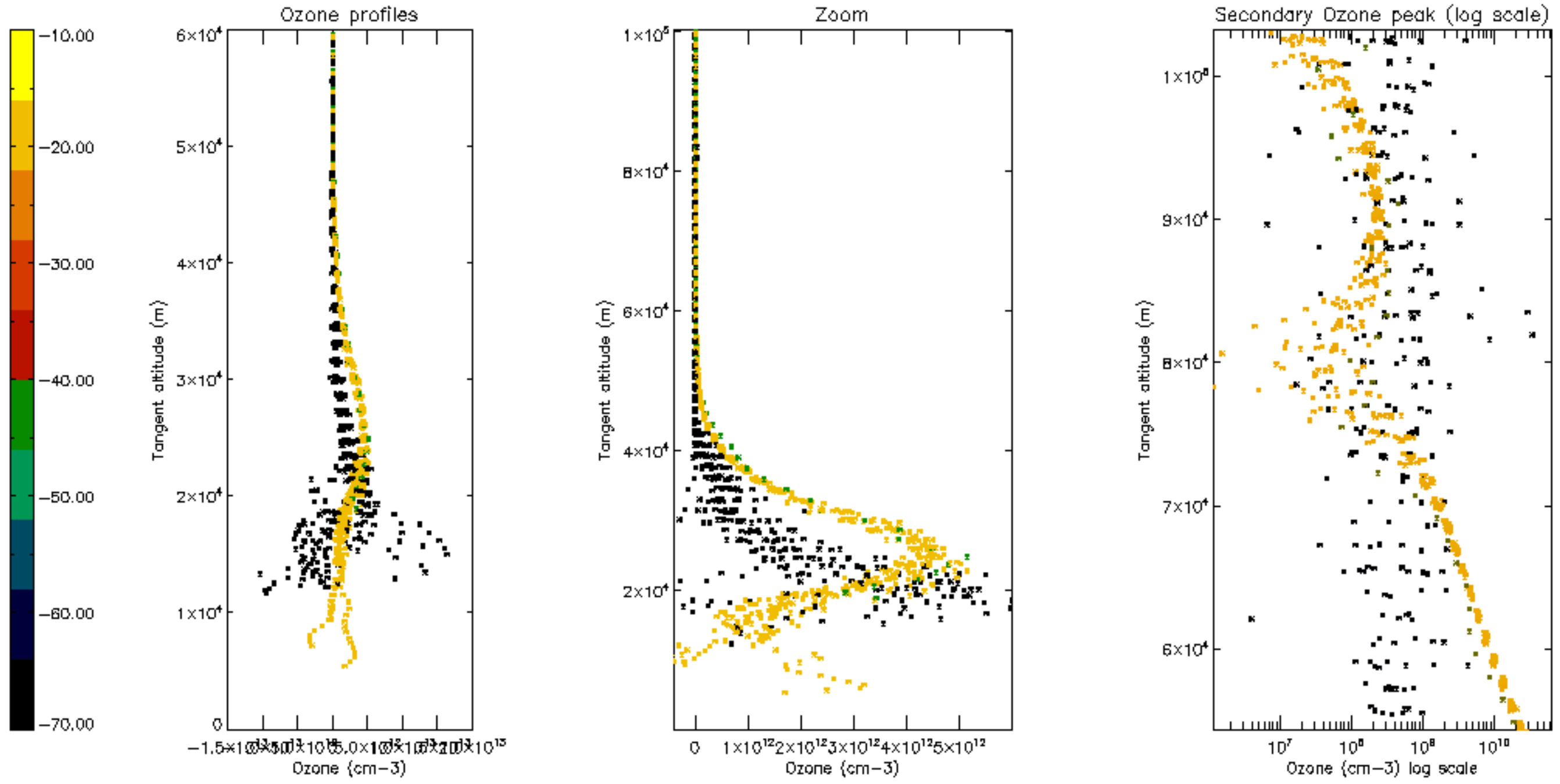


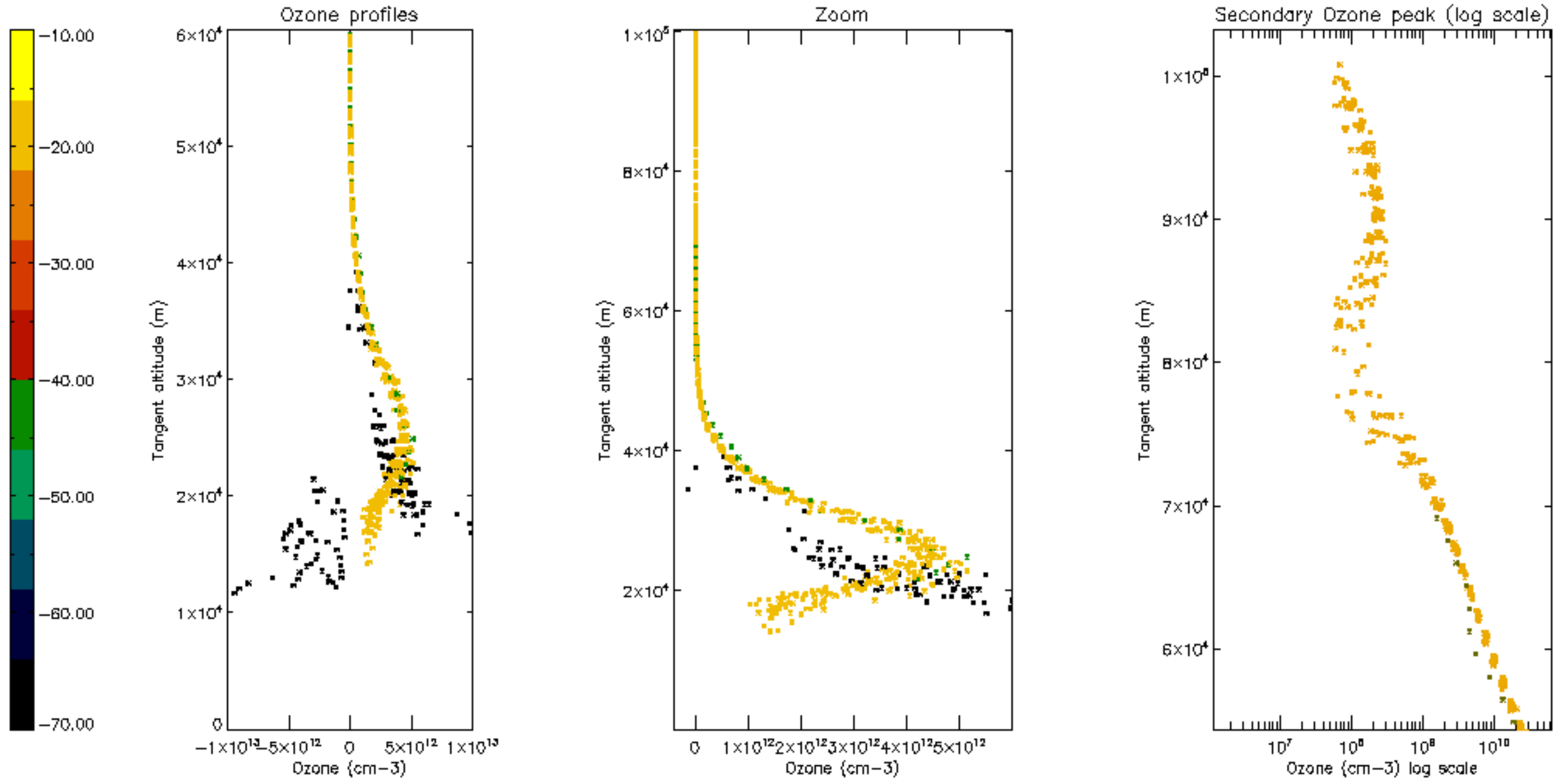
Percentage of star falling outside central band per profile

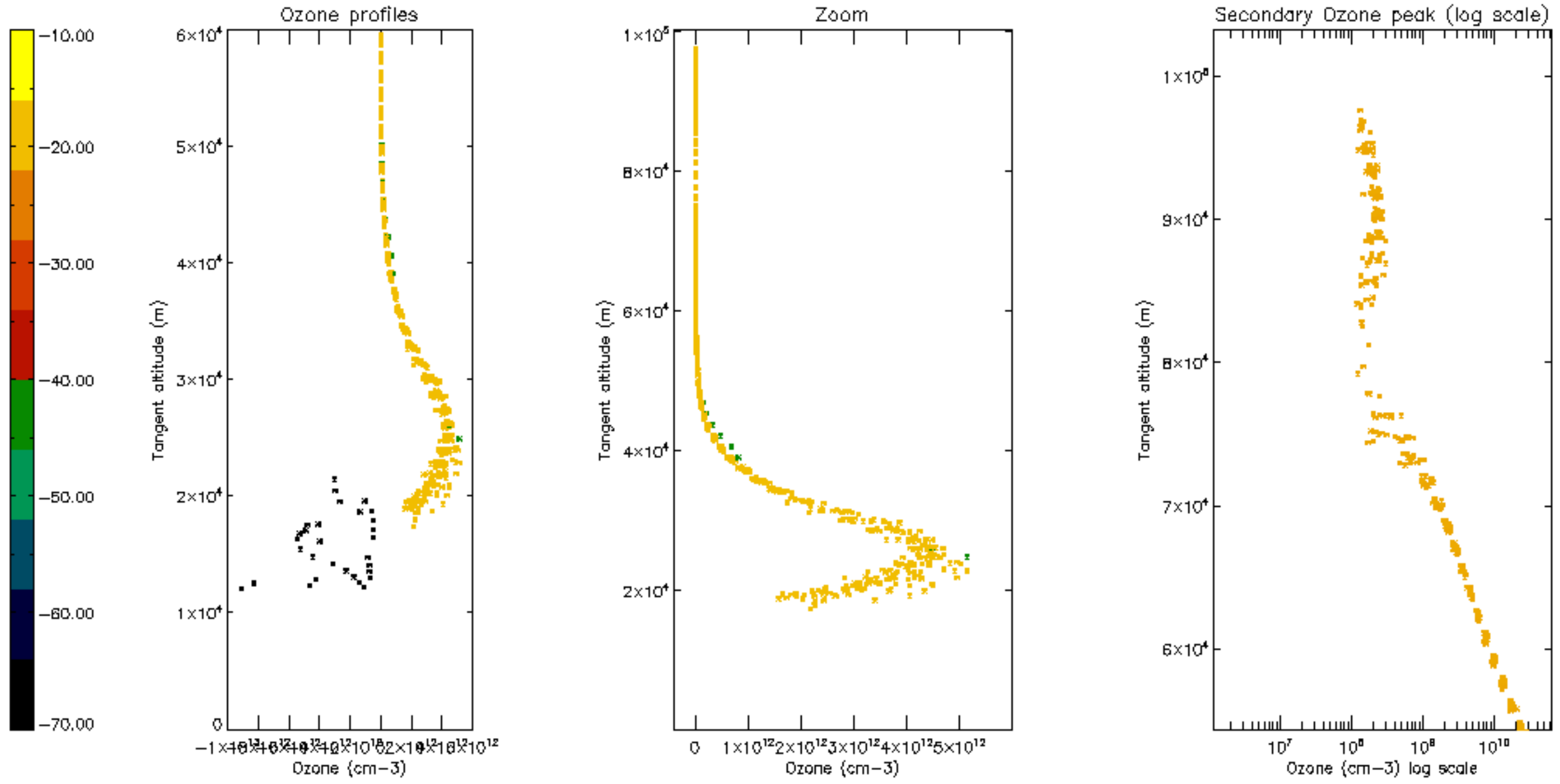


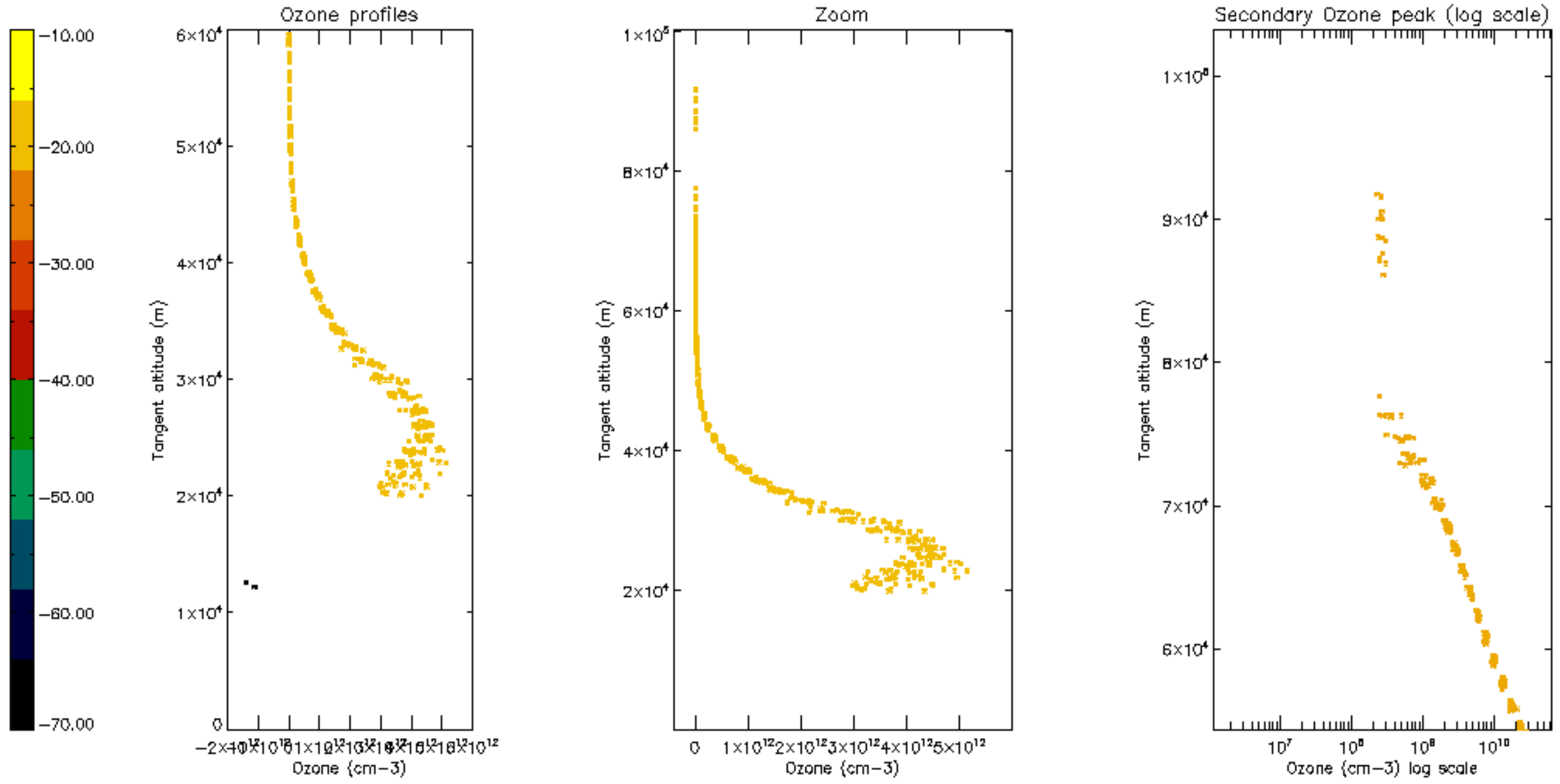
Percentage of saturation errors per profile

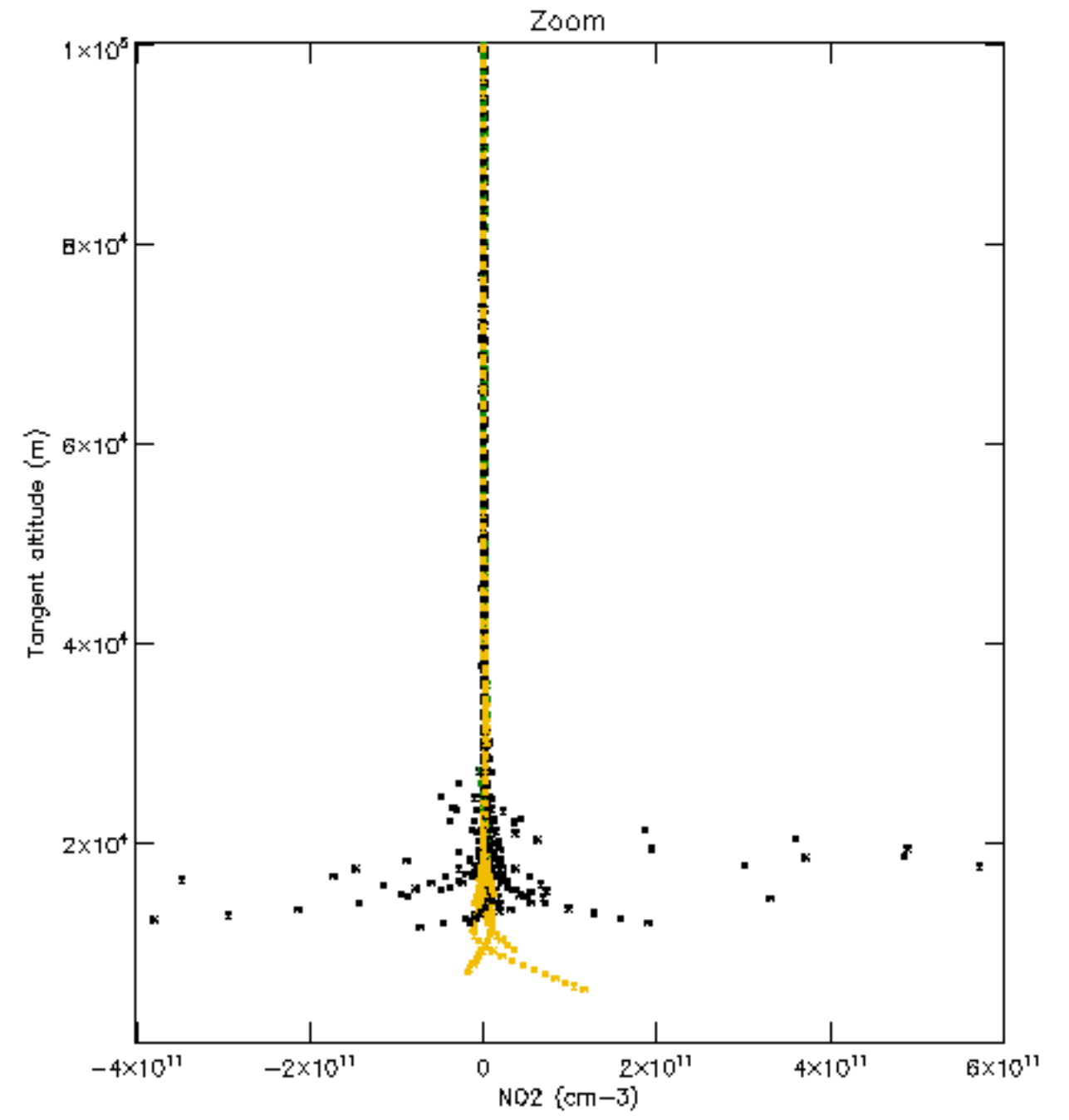
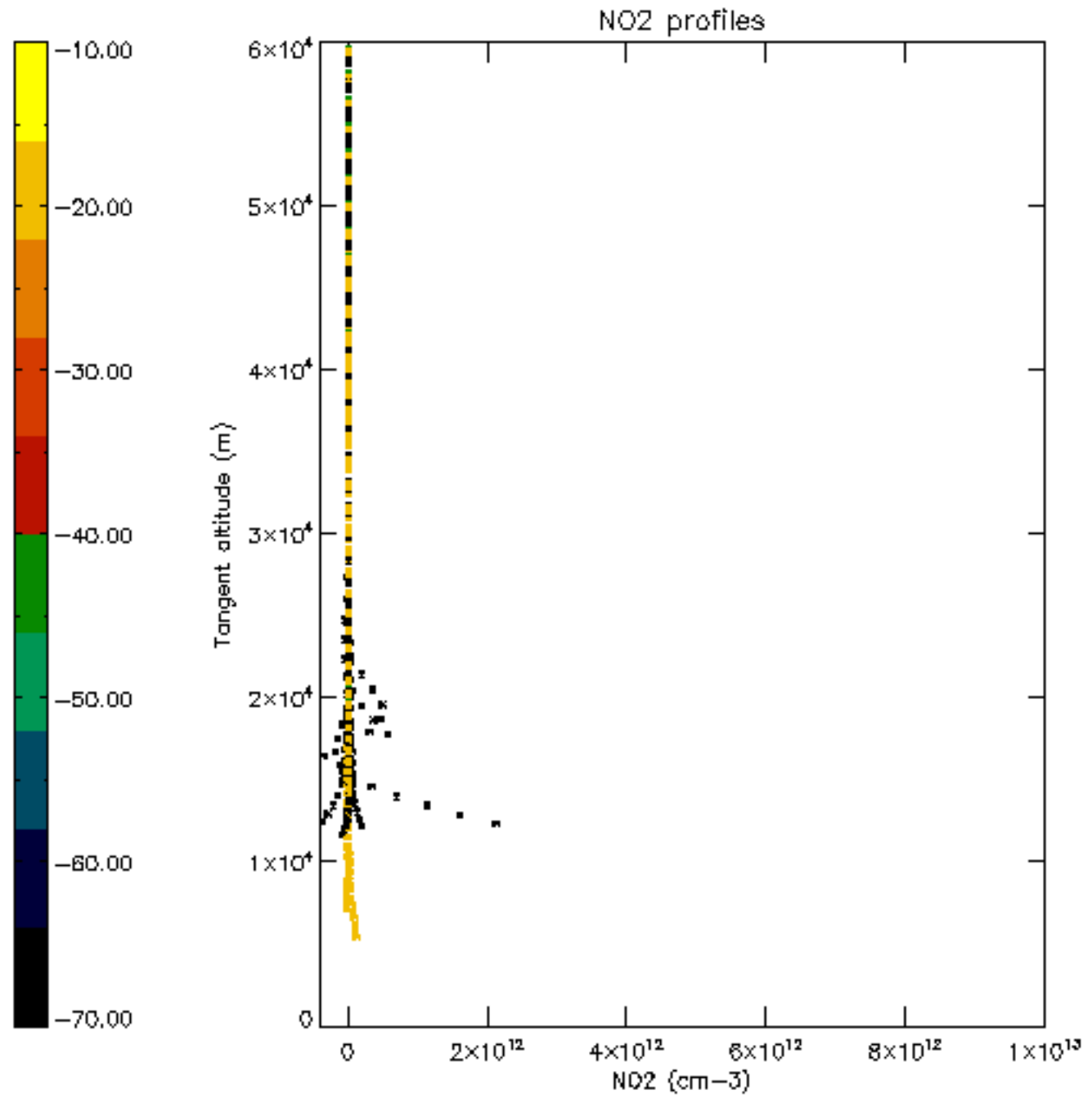


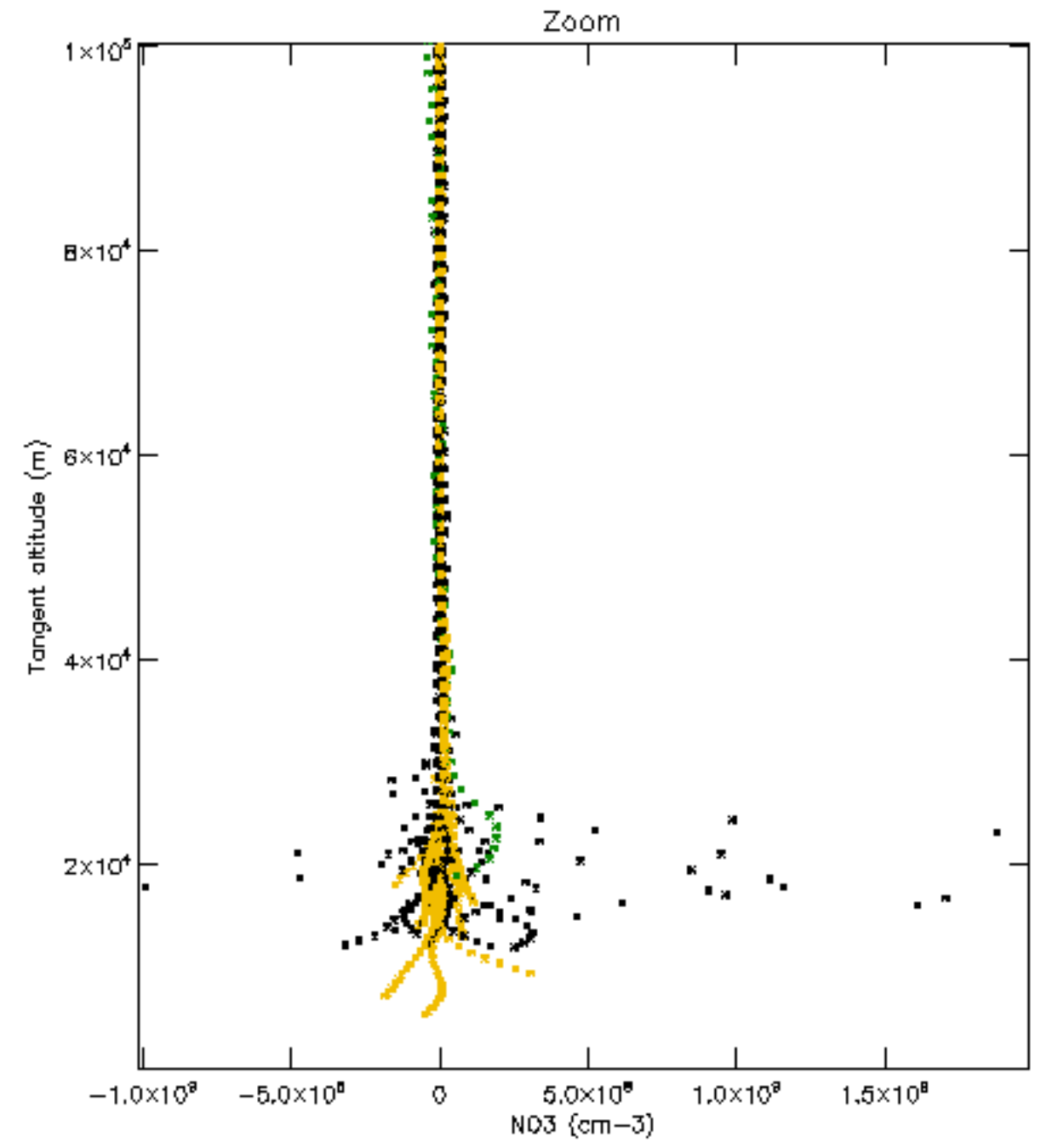
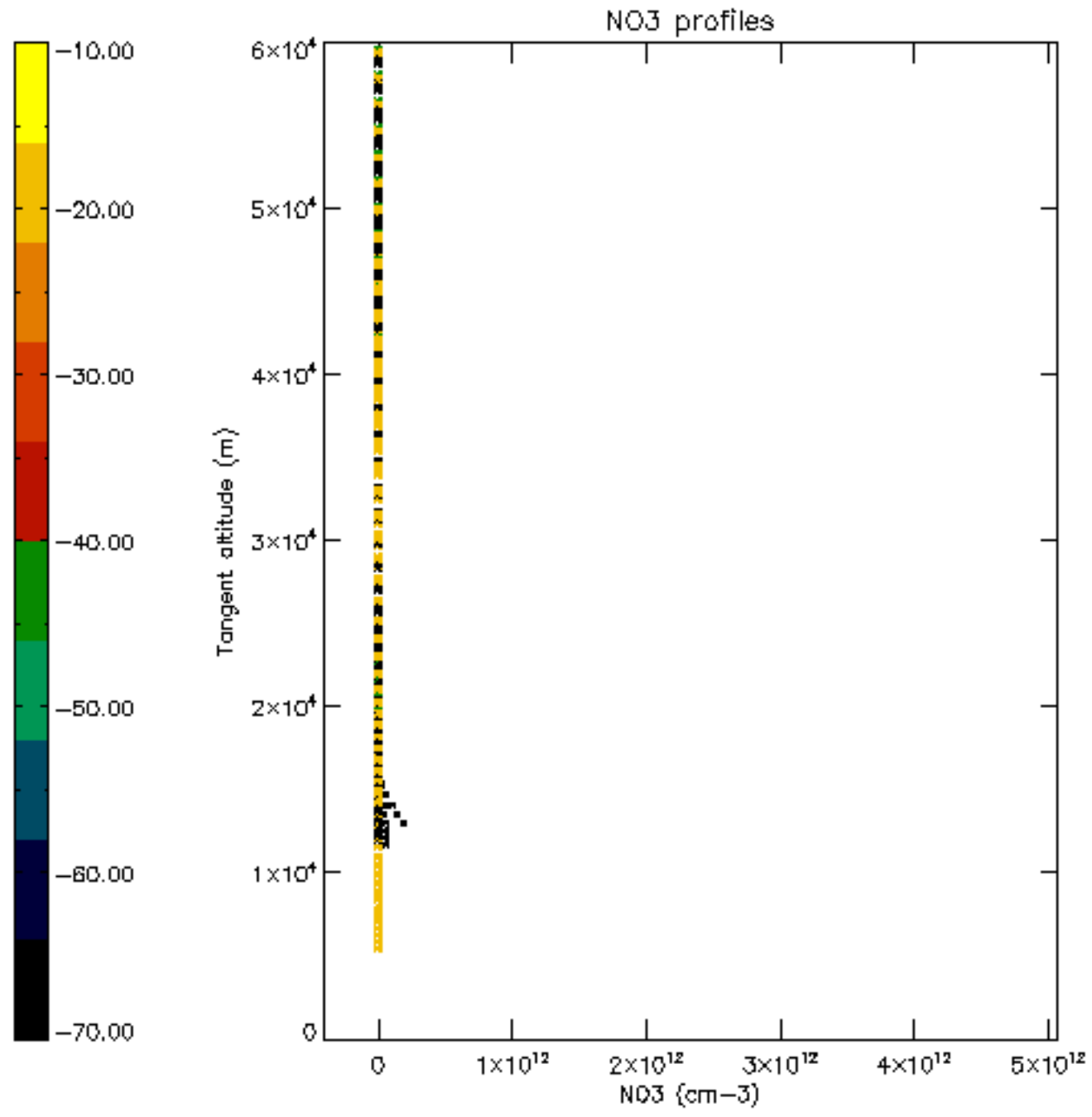


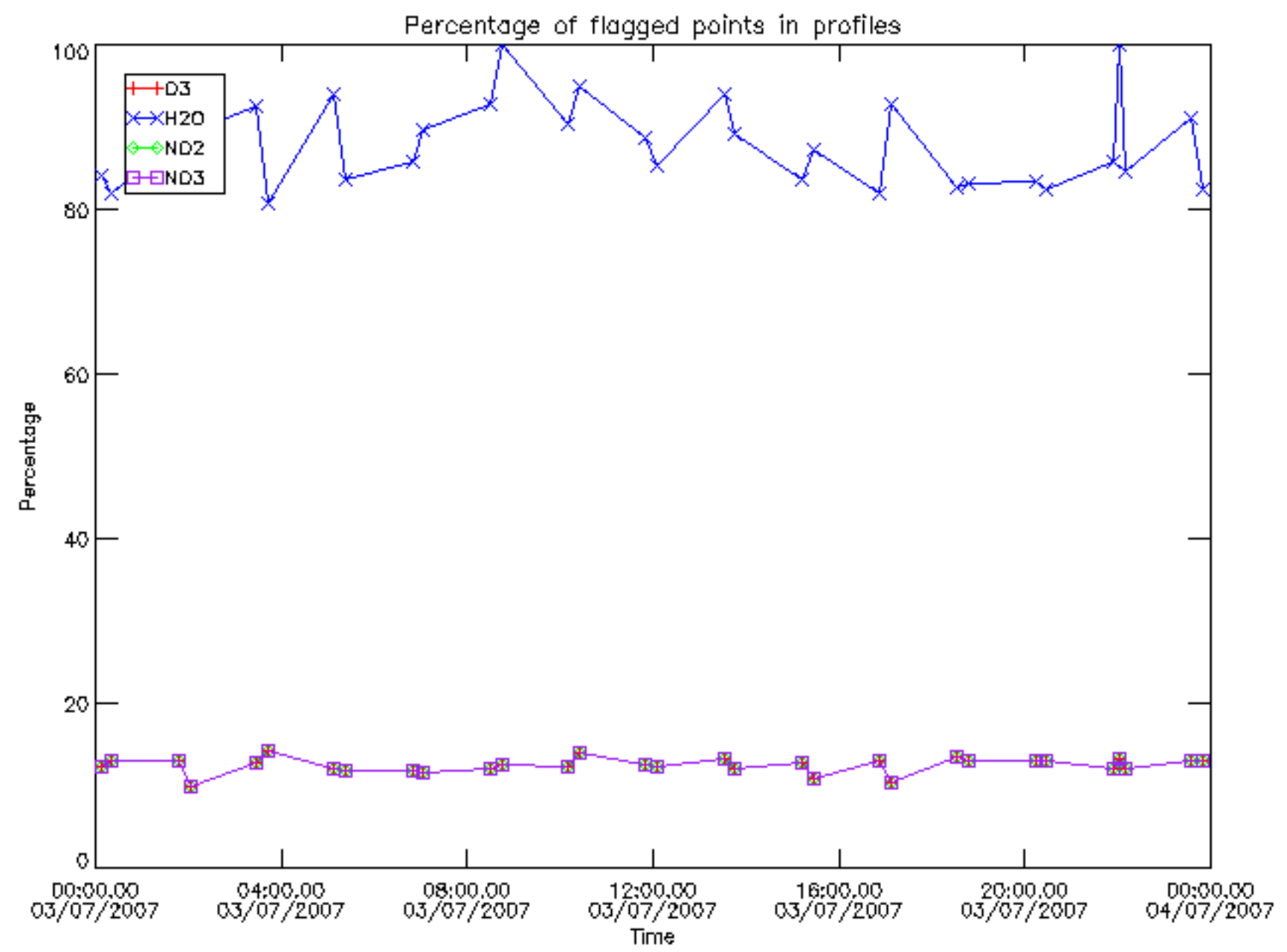




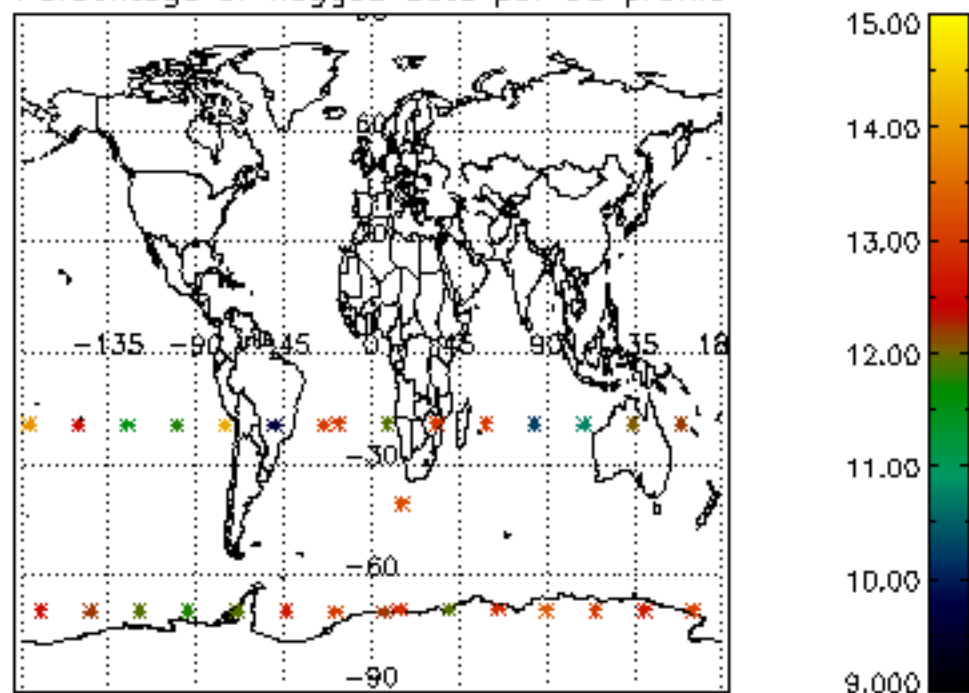




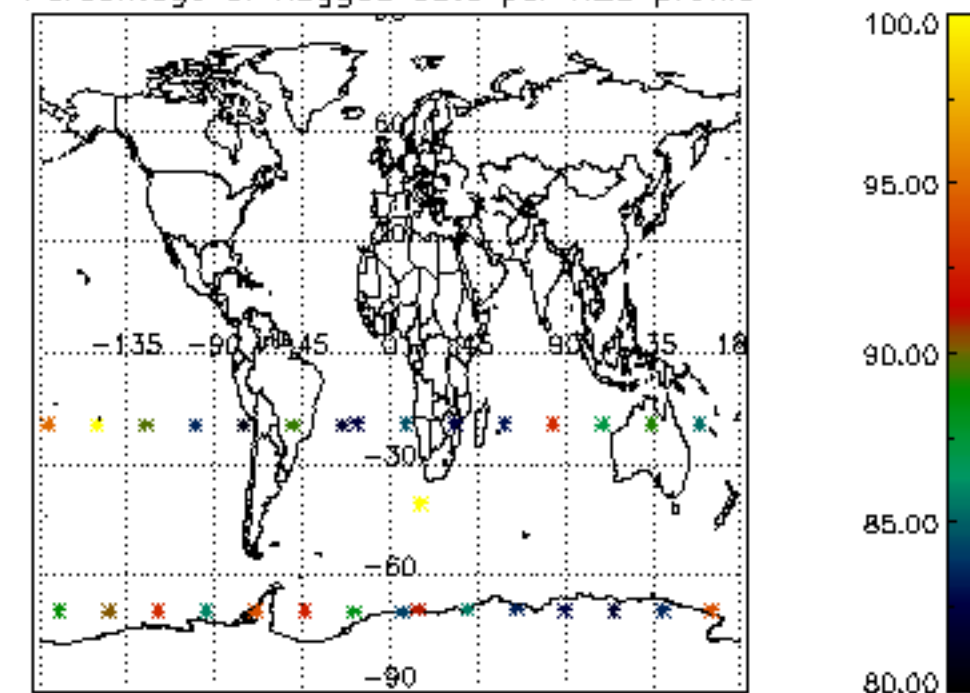




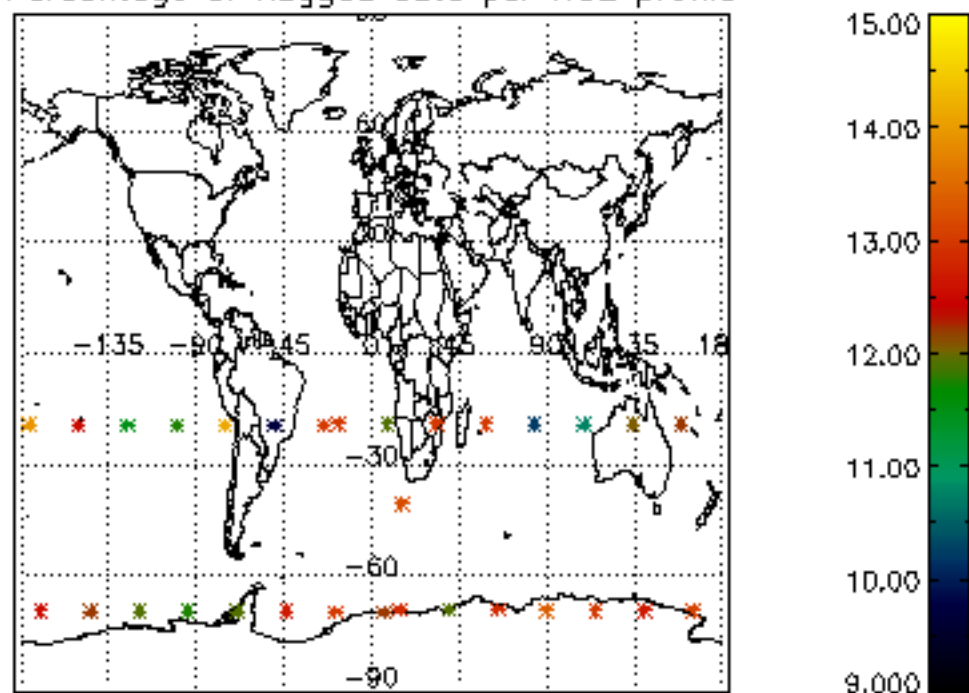
Percentage of flagged data per D3 profile



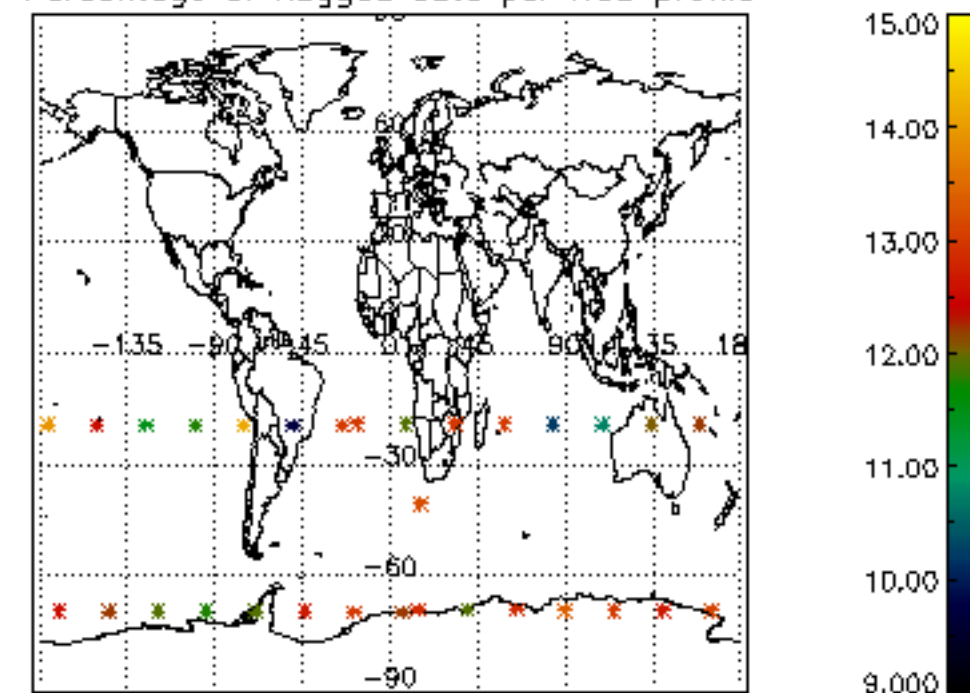
Percentage of flagged data per H2O profile

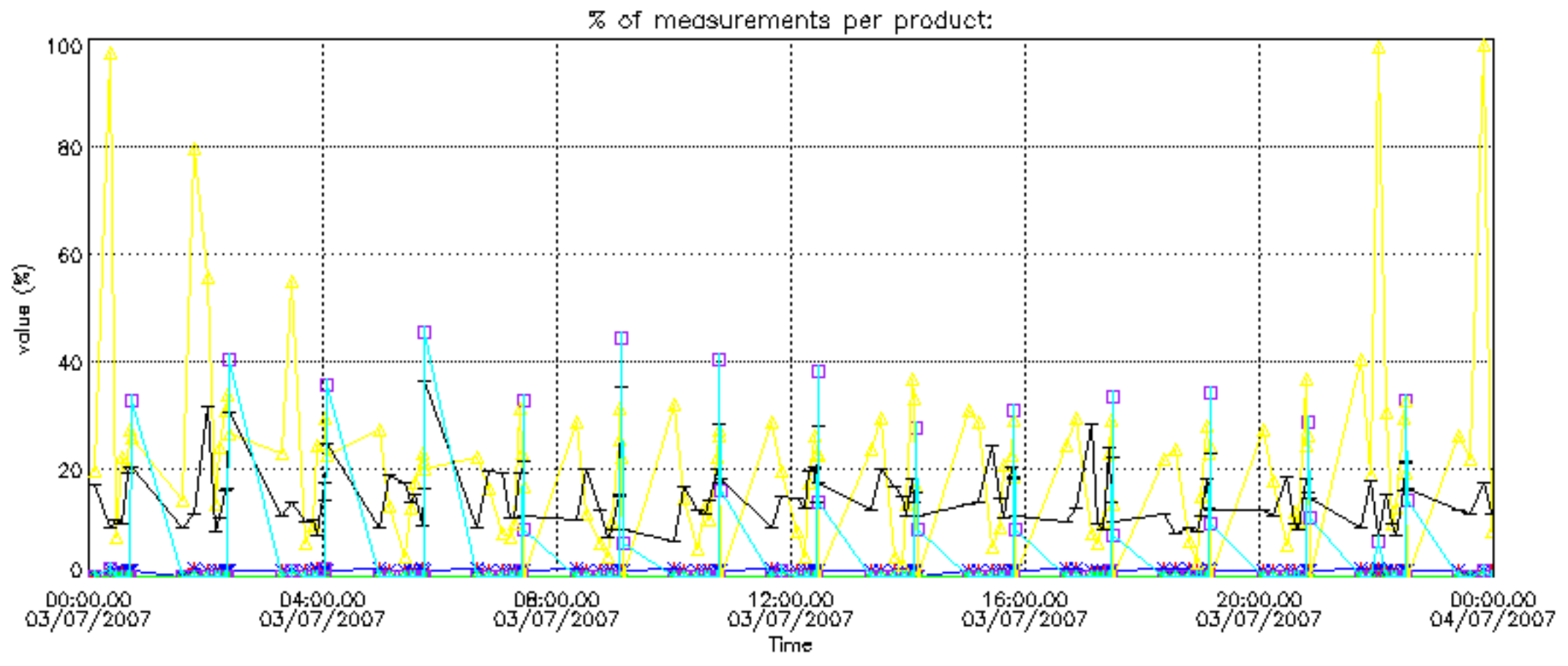


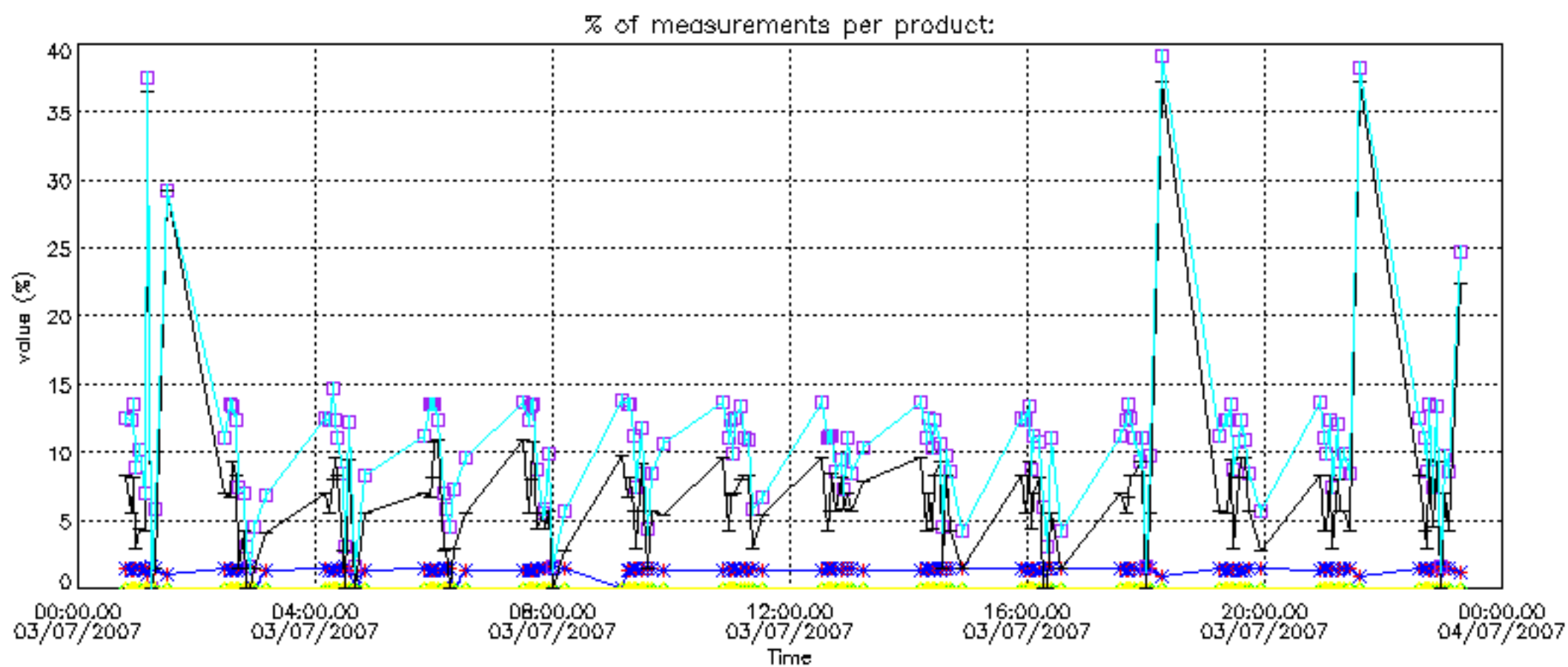
Percentage of flagged data per NO2 profile



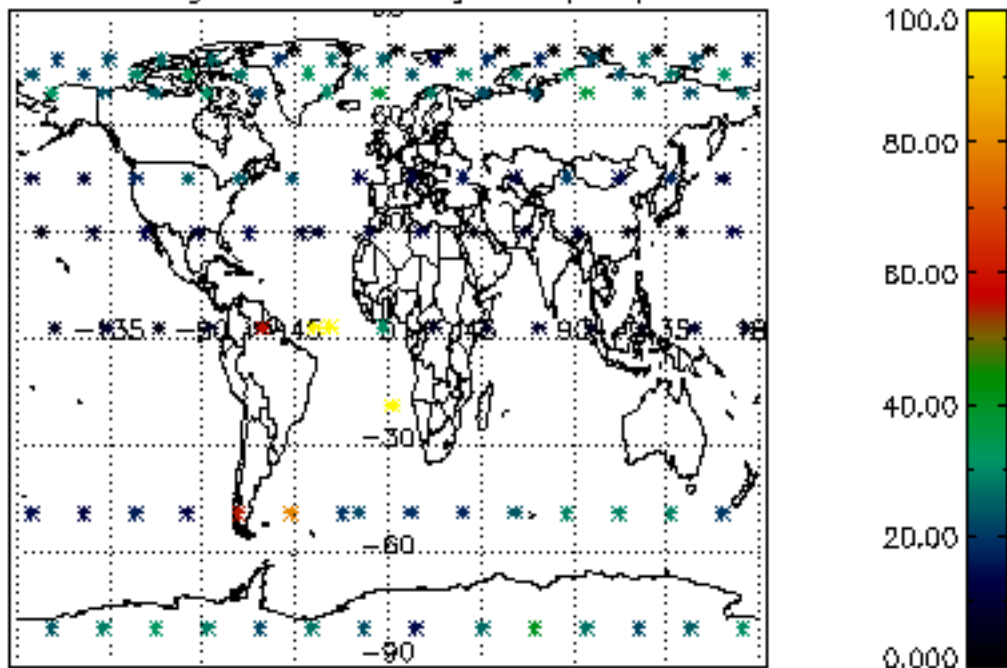
Percentage of flagged data per NO3 profile



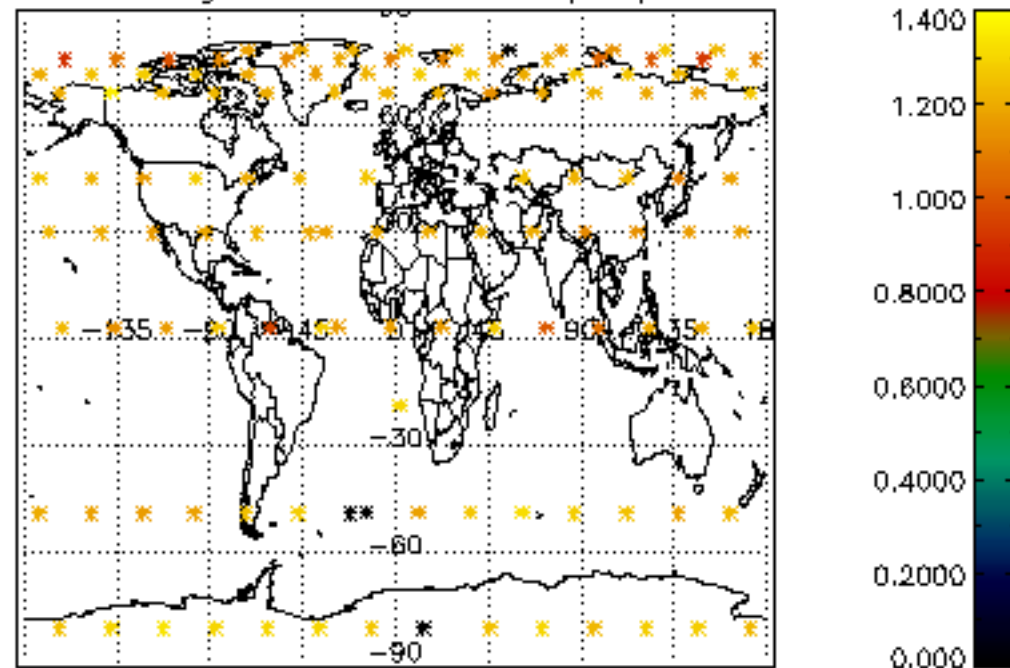




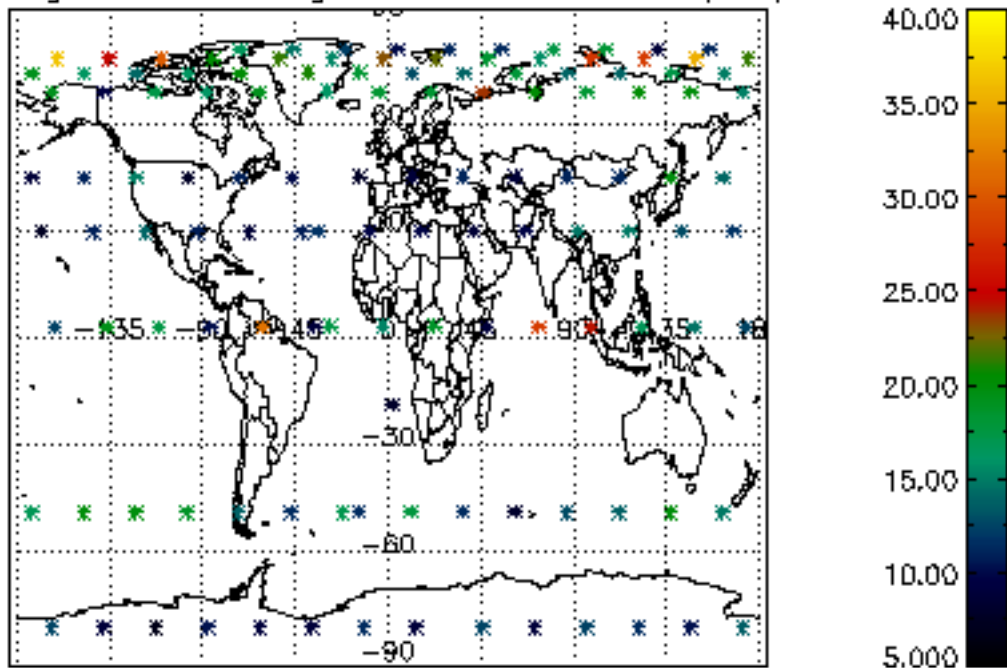
Percentage of cosmic ray hits per profile



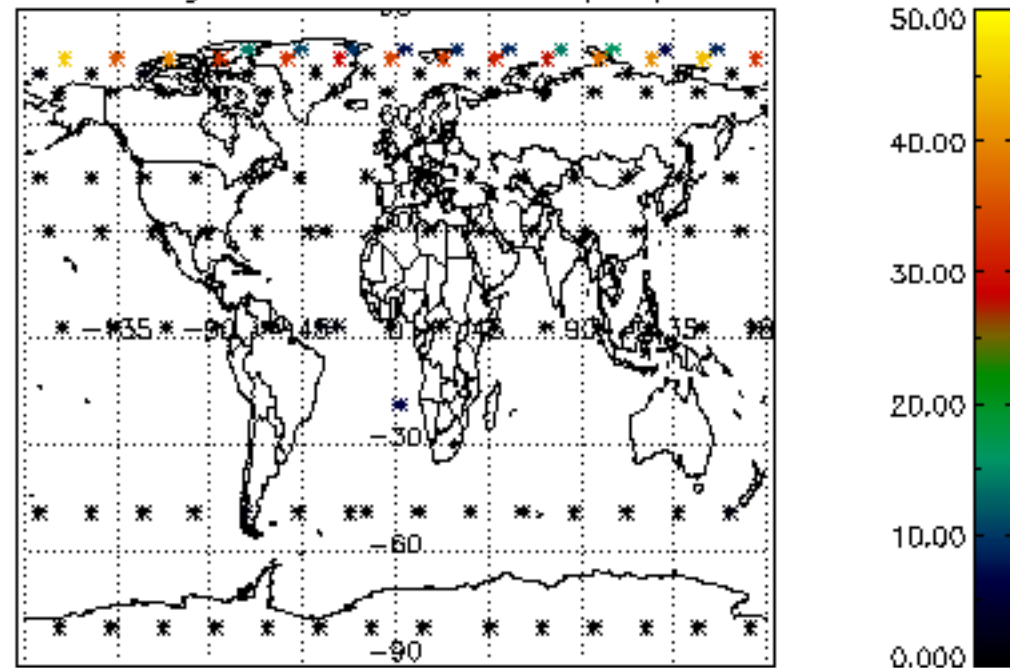
Percentage of datation errors per profile



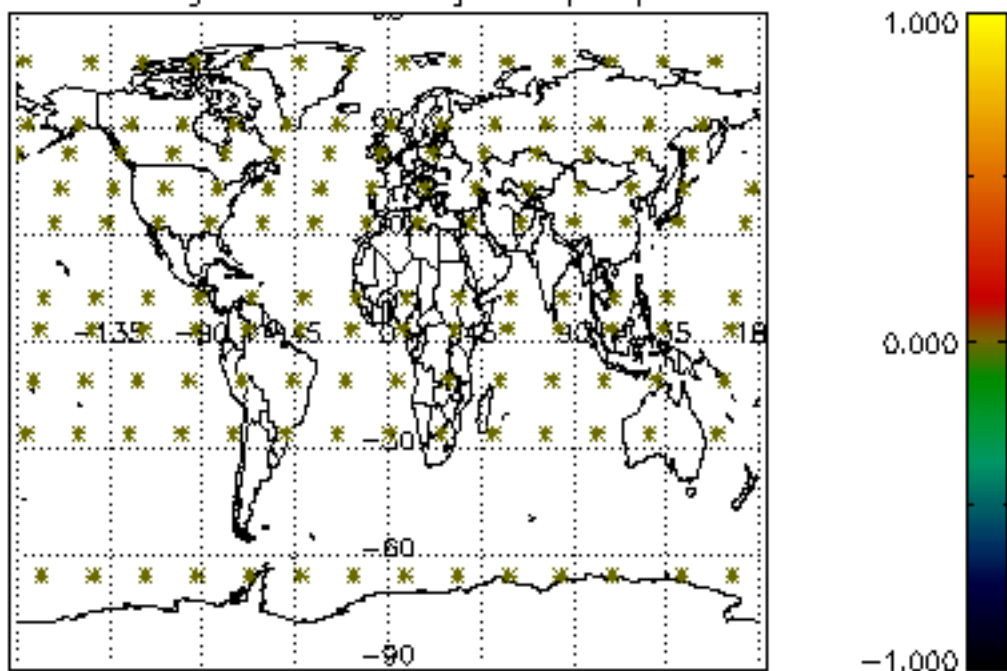
Percentage of star falling outside central band per profile



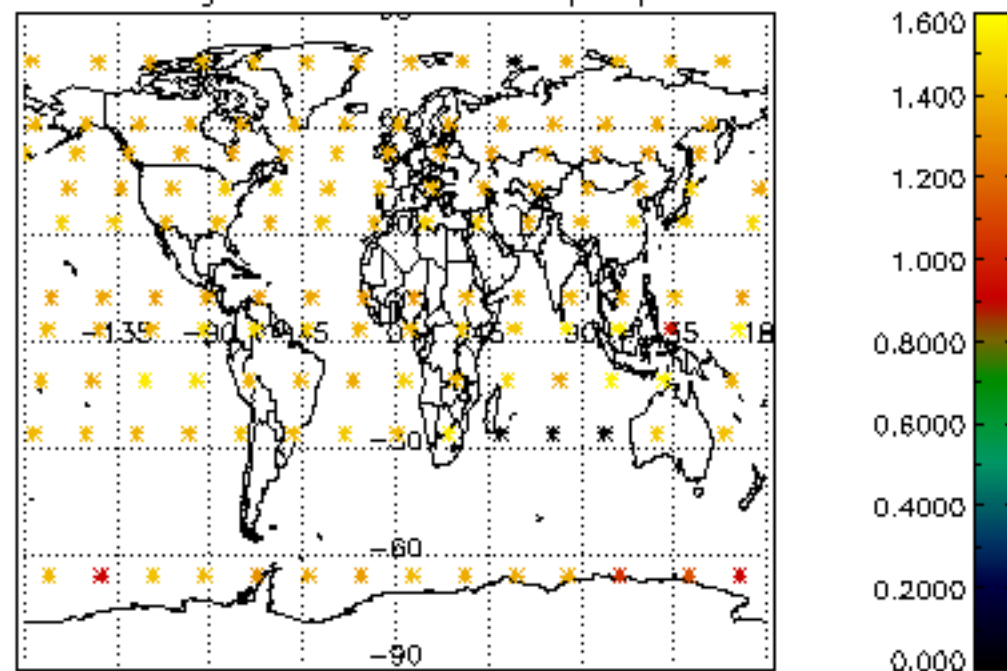
Percentage of saturation errors per profile



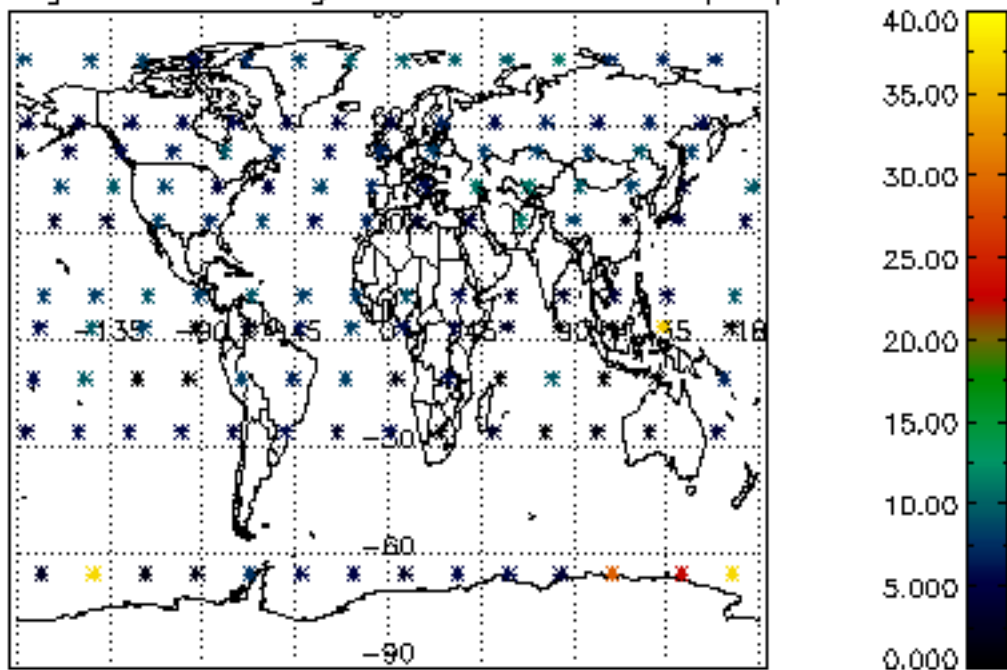
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

