

# GOMOS Level 2 Daily Report

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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	25APR2013 16:56:29
Data source version	GOMOS/6.01
Start time of products	03-07-2008 (03JUL2008 00:00:00)
Stop time of products	04-07-2008 (04JUL2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	335
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__2PRFIN20080703_000005_000000342070_00030_33150_4217.N1	03-JUL-2008 00:00:05	Dark	34.000	94	92Alp Cet	2.5260	3100.0	68	33150	No
2	GOM_NL__2PRFIN20080703_000344_000000382070_00030_33150_4218.N1	03-JUL-2008 00:03:44	Dark	38.000	165	34Gam Eri	2.9500	3200.0	76	33150	No
3	GOM_NL__2PRFIN20080703_001213_000000392070_00030_33150_4219.N1	03-JUL-2008 00:12:13	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33150	No
4	GOM_NL__2PRFIN20080703_002253_000000372070_00031_33151_4352.N1	03-JUL-2008 00:22:53	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33151	No
5	GOM_NL__2PRFIN20080703_002552_000000432070_00031_33151_4353.N1	03-JUL-2008 00:25:52	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	33151	No
6	GOM_NL__2PRFIN20080703_003011_000000402070_00031_33151_4354.N1	03-JUL-2008 00:30:11	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33151	No
7	GOM_NL__2PRFIN20080703_003518_000000382070_00031_33151_4355.N1	03-JUL-2008 00:35:18	Twilight	38.000	147	Alp Ara	2.8770	26000.	76	33151	No
8	GOM_NL__2PRFIN20080703_003707_000000402070_00031_33151_4356.N1	03-JUL-2008 00:37:07	Twilight	40.000	40	The Sco	1.8590	7100.0	80	33151	No
9	GOM_NL__2PRFIN20080703_003847_000000402070_00031_33151_4357.N1	03-JUL-2008 00:38:47	Twilight	39.500	25	35Lam Sco	1.6200	28000.	79	33151	No
10	GOM_NL__2PRFIN20080703_004013_000000462070_00031_33151_4358.N1	03-JUL-2008 00:40:13	Bright	46.000	116	19Del Sgr	2.7000	4100.0	92	33151	No
11	GOM_NL__2PRFIN20080703_004124_000000422070_00031_33151_4359.N1	03-JUL-2008 00:41:24	Bright	41.500	137	22Lam Sgr	2.8240	4400.0	83	33151	No
12	GOM_NL__2PRFIN20080703_004457_000000372070_00031_33151_4360.N1	03-JUL-2008 00:44:57	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33151	No
13	GOM_NL__2PRFIN20080703_005031_000000372070_00031_33151_4361.N1	03-JUL-2008 00:50:31	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33151	No
14	GOM_NL__2PRFIN20080703_005250_000000362070_00031_33151_4362.N1	03-JUL-2008 00:52:50	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33151	No
15	GOM_NL__2PRFIN20080703_005538_000000372070_00031_33151_4363.N1	03-JUL-2008 00:55:38	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33151	No
16	GOM_NL__2PRFIN20080703_005820_000000352070_00031_33151_4364.N1	03-JUL-2008 00:58:20	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33151	No
17	GOM_NL__2PRFIN20080703_010413_000000342070_00031_33151_4365.N1	03-JUL-2008 01:04:13	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	33151	No
18	GOM_NL__2PRFIN20080703_010643_000000362070_00031_33151_4366.N1	03-JUL-2008 01:06:43	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33151	No
19	GOM_NL__2PRFIN20080703_011046_000000332070_00031_33151_4367.N1	03-JUL-2008 01:10:46	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	33151	No
20	GOM_NL__2PRFIN20080703_011454_000000332070_00031_33151_4368.N1	03-JUL-2008 01:14:54	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	33151	No
21	GOM_NL__2PRFIN20080703_012510_000000562070_00031_33151_4369.N1	03-JUL-2008 01:25:10	Bright	56.000	160	23Gam Per	2.9300	4700.0	112	33151	No
22	GOM_NL__2PRFIN20080703_012656_000000392070_00031_33151_4370.N1	03-JUL-2008 01:26:56	Bright	39.000	175	39Del Per	3.0100	19400.	78	33151	No
23	GOM_NL__2PRFIN20080703_013354_000000402070_00031_33151_4371.N1	03-JUL-2008 01:33:54	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33151	No
24	GOM_NL__2PRFIN20080703_014042_000000342070_00031_33151_4372.N1	03-JUL-2008 01:40:42	Dark	34.000	94	92Alp Cet	2.5260	3100.0	68	33151	No
25	GOM_NL__2PRFIN20080703_014420_000000412070_00031_33151_4373.N1	03-JUL-2008 01:44:20	Dark	41.000	165	34Gam Eri	2.9500	3200.0	82	33151	No
26	GOM_NL__2PRFIN20080703_015249_000000412070_00031_33151_4374.N1	03-JUL-2008 01:52:49	Dark	40.500	157	The1Eri	2.9060	9300.0	81	33151	No
27	GOM_NL__2PRFIN20080703_020329_000000372070_00032_33152_4366.N1	03-JUL-2008 02:03:29	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33152	No
28	GOM_NL__2PRFIN20080703_020629_000000452070_00032_33152_4367.N1	03-JUL-2008 02:06:29	Straylight	44.500	148	Alp Tuc	2.8780	4100.0	89	33152	No
29	GOM_NL__2PRFIN20080703_021047_000000412070_00032_33152_4368.N1	03-JUL-2008 02:10:47	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33152	No
30	GOM_NL__2PRFIN20080703_021554_000000382070_00032_33152_4369.N1	03-JUL-2008 02:15:54	Twilight	38.000	147	Alp Ara	2.8770	26000.	76	33152	No
31	GOM_NL__2PRFIN20080703_021743_000000442070_00032_33152_4370.N1	03-JUL-2008 02:17:43	Twilight	43.500	40	The Sco	1.8590	7100.0	87	33152	No
32	GOM_NL__2PRFIN20080703_021923_000000402070_00032_33152_4371.N1	03-JUL-2008 02:19:23	Twilight	40.000	25	35Lam Sco	1.6200	28000.	80	33152	No
33	GOM_NL__2PRFIN20080703_022049_000000452070_00032_33152_4372.N1	03-JUL-2008 02:20:49	Bright	45.000	116	19Del Sgr	2.7000	4100.0	90	33152	No
34	GOM_NL__2PRFIN20080703_022200_000000412070_00032_33152_4373.N1	03-JUL-2008 02:22:00	Bright	41.000	137	22Lam Sgr	2.8240	4400.0	82	33152	No
35	GOM_NL__2PRFIN20080703_022533_000000372070_00032_33152_4374.N1	03-JUL-2008 02:25:33	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33152	No
36	GOM_NL__2PRFIN20080703_023107_000000372070_00032_33152_4375.N1	03-JUL-2008 02:31:07	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33152	No
37	GOM_NL__2PRFIN20080703_023326_000000362070_00032_33152_4376.N1	03-JUL-2008 02:33:26	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33152	No
38	GOM_NL__2PRFIN20080703_023614_000000352070_00032_33152_4377.N1	03-JUL-2008 02:36:14	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33152	No
39	GOM_NL__2PRFIN20080703_023856_000000342070_00032_33152_4378.N1	03-JUL-2008 02:38:56	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	33152	No
40	GOM_NL__2PRFIN20080703_024449_000000362070_00032_33152_4379.N1	03-JUL-2008 02:44:49	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	33152	No
41	GOM_NL__2PRFIN20080703_024719_000000342070_00032_33152_4380.N1	03-JUL-2008 02:47:19	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	33152	No
42	GOM_NL__2PRFIN20080703_025122_000000372070_00032_33152_4381.N1	03-JUL-2008 02:51:22	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33152	No

43	GOM_NL__2PRFIN20080703_025530_000000332070_00032_33152_4382.N1	03-JUL-2008 02:55:30	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33152	No
44	GOM_NL__2PRFIN20080703_030546_000000412070_00032_33152_4383.N1	03-JUL-2008 03:05:46	Bright	40.500	160	23Gam Per	2.9300	4700.0	81	33152	No
45	GOM_NL__2PRFIN20080703_030732_000000342070_00032_33152_4384.N1	03-JUL-2008 03:07:32	Bright	33.500	175	39Del Per	3.0100	19400.	67	33152	No
46	GOM_NL__2PRFIN20080703_031431_000000392070_00032_33152_4385.N1	03-JUL-2008 03:14:31	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	33152	No
47	GOM_NL__2PRFIN20080703_032456_000000392070_00032_33152_4386.N1	03-JUL-2008 03:24:56	Dark	39.000	165	34Gam Eri	2.9500	3200.0	78	33152	No
48	GOM_NL__2PRFIN20080703_033326_000000382070_00032_33152_4387.N1	03-JUL-2008 03:33:26	Dark	38.000	157	The1Eri	2.9060	9300.0	76	33152	No
49	GOM_NL__2PRFIN20080703_033935_000000422070_00033_33153_4386.N1	03-JUL-2008 03:39:35	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33153	No
50	GOM_NL__2PRFIN20080703_034405_000000362070_00033_33153_4387.N1	03-JUL-2008 03:44:05	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33153	No
51	GOM_NL__2PRFIN20080703_034706_000000452070_00033_33153_4388.N1	03-JUL-2008 03:47:06	Straylight	44.500	148	Alp Tuc	2.8780	4100.0	89	33153	No
52	GOM_NL__2PRFIN20080703_035124_000000422070_00033_33153_4389.N1	03-JUL-2008 03:51:24	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	33153	No
53	GOM_NL__2PRFIN20080703_035631_000000372070_00033_33153_4390.N1	03-JUL-2008 03:56:31	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	33153	No
54	GOM_NL__2PRFIN20080703_035819_000000402070_00033_33153_4391.N1	03-JUL-2008 03:58:19	Twi_and_stray	39.500	40	The Sco	1.8590	7100.0	79	33153	No
55	GOM_NL__2PRFIN20080703_035959_000000412070_00033_33153_4392.N1	03-JUL-2008 03:59:59	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	33153	No
56	GOM_NL__2PRFIN20080703_040125_000000462070_00033_33153_4393.N1	03-JUL-2008 04:01:25	Bright	45.500	116	19Del Sgr	2.7000	4100.0	91	33153	No
57	GOM_NL__2PRFIN20080703_040236_000000422070_00033_33153_4394.N1	03-JUL-2008 04:02:36	Bright	41.500	137	22Lam Sgr	2.8240	4400.0	83	33153	No
58	GOM_NL__2PRFIN20080703_040610_000000372070_00033_33153_4395.N1	03-JUL-2008 04:06:10	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33153	No
59	GOM_NL__2PRFIN20080703_041143_000000372070_00033_33153_4396.N1	03-JUL-2008 04:11:43	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33153	No
60	GOM_NL__2PRFIN20080703_041402_000000372070_00033_33153_4397.N1	03-JUL-2008 04:14:02	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33153	No
61	GOM_NL__2PRFIN20080703_041650_000000362070_00033_33153_4398.N1	03-JUL-2008 04:16:50	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	33153	No
62	GOM_NL__2PRFIN20080703_041932_000000342070_00033_33153_4399.N1	03-JUL-2008 04:19:32	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33153	No
63	GOM_NL__2PRFIN20080703_042525_000000372070_00033_33153_4400.N1	03-JUL-2008 04:25:25	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	33153	No
64	GOM_NL__2PRFIN20080703_042755_000000332070_00033_33153_4401.N1	03-JUL-2008 04:27:55	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	33153	No
65	GOM_NL__2PRFIN20080703_043158_000000372070_00033_33153_4402.N1	03-JUL-2008 04:31:58	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	33153	No
66	GOM_NL__2PRFIN20080703_043606_000000352070_00033_33153_4403.N1	03-JUL-2008 04:36:06	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33153	No
67	GOM_NL__2PRFIN20080703_044622_000000502070_00033_33153_4404.N1	03-JUL-2008 04:46:22	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	33153	No
68	GOM_NL__2PRFIN20080703_044808_000000422070_00033_33153_4405.N1	03-JUL-2008 04:48:08	Bright	41.500	175	39Del Per	3.0100	19400.	83	33153	No
69	GOM_NL__2PRFIN20080703_045507_000000392070_00033_33153_4406.N1	03-JUL-2008 04:55:07	Twilight	38.500	146	25Eta Tau	2.8730	15200.	77	33153	No
70	GOM_NL__2PRFIN20080703_050532_000000442070_00033_33153_4407.N1	03-JUL-2008 05:05:32	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	33153	No
71	GOM_NL__2PRFIN20080703_051402_000000392070_00033_33153_4408.N1	03-JUL-2008 05:14:02	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33153	No
72	GOM_NL__2PRFIN20080703_052011_000000402070_00034_33154_4398.N1	03-JUL-2008 05:20:11	Dark	39.500	9	Alp Eri	0.45300	24000.	79	33154	No
73	GOM_NL__2PRFIN20080703_052441_000000372070_00034_33154_4399.N1	03-JUL-2008 05:24:41	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33154	No
74	GOM_NL__2PRFIN20080703_052742_000000412070_00034_33154_4400.N1	03-JUL-2008 05:27:42	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	33154	No
75	GOM_NL__2PRFIN20080703_053200_000000402070_00034_33154_4401.N1	03-JUL-2008 05:32:00	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33154	No
76	GOM_NL__2PRFIN20080703_053707_000000372070_00034_33154_4402.N1	03-JUL-2008 05:37:07	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33154	No
77	GOM_NL__2PRFIN20080703_053856_000000382070_00034_33154_4403.N1	03-JUL-2008 05:38:56	Twi_and_stray	38.000	40	The Sco	1.8590	7100.0	76	33154	No
78	GOM_NL__2PRFIN20080703_054035_000000392070_00034_33154_4404.N1	03-JUL-2008 05:40:35	Twi_and_stray	38.500	25	35Lam Sco	1.6200	28000.	77	33154	No
79	GOM_NL__2PRFIN20080703_054201_000000442070_00034_33154_4405.N1	03-JUL-2008 05:42:01	Bright	43.500	116	19Del Sgr	2.7000	4100.0	87	33154	No
80	GOM_NL__2PRFIN20080703_054313_000000422070_00034_33154_4406.N1	03-JUL-2008 05:43:13	Bright	42.000	137	22Lam Sgr	2.8240	4400.0	84	33154	No
81	GOM_NL__2PRFIN20080703_054646_000000362070_00034_33154_4407.N1	03-JUL-2008 05:46:46	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33154	No
82	GOM_NL__2PRFIN20080703_055219_000000372070_00034_33154_4408.N1	03-JUL-2008 05:52:19	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33154	No
83	GOM_NL__2PRFIN20080703_055438_000000372070_00034_33154_4409.N1	03-JUL-2008 05:54:38	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33154	No
84	GOM_NL__2PRFIN20080703_055727_000000352070_00034_33154_4410.N1	03-JUL-2008 05:57:27	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33154	No
85	GOM_NL__2PRFIN20080703_060008_000000342070_00034_33154_4411.N1	03-JUL-2008 06:00:08	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33154	No
86	GOM_NL__2PRFIN20080703_060601_000000372070_00034_33154_4412.N1	03-JUL-2008 06:06:01	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33154	No
87	GOM_NL__2PRFIN20080703_060831_000000352070_00034_33154_4413.N1	03-JUL-2008 06:08:31	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	33154	No
88	GOM_NL__2PRFIN20080703_061234_000000362070_00034_33154_4414.N1	03-JUL-2008 06:12:34	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33154	No
89	GOM_NL__2PRFIN20080703_061642_000000342070_00034_33154_4415.N1	03-JUL-2008 06:16:42	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33154	No
90	GOM_NL__2PRFIN20080703_062658_000000412070_00034_33154_4416.N1	03-JUL-2008 06:26:58	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	33154	No
91	GOM_NL__2PRFIN20080703_062844_000000342070_00034_33154_4417.N1	03-JUL-2008 06:28:44	Bright	33.500	175	39Del Per	3.0100	19400.	67	33154	No
92	GOM_NL__2PRFIN20080703_063543_000000392070_00034_33154_4418.N1	03-JUL-2008 06:35:43	Twilight	38.500	146	25Eta Tau	2.8730	15200.	77	33154	No
93	GOM_NL__2PRFIN20080703_064609_000000452070_00034_33154_4419.N1	03-JUL-2008 06:46:09	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	33154	No
94	GOM_NL__2PRFIN20080703_065439_000000392070_00034_33154_4420.N1	03-JUL-2008 06:54:39	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33154	No
95	GOM_NL__2PRFIN20080703_070048_000000532070_00035_33155_4425.N1	03-JUL-2008 07:00:48	Dark	53.000	9	Alp Eri	0.45300	24000.	106	33155	No
96	GOM_NL__2PRFIN20080703_070518_000000372070_00035_33155_4426.N1	03-JUL-2008 07:05:18	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33155	No
97	GOM_NL__2PRFIN20080703_070819_000000462070_00035_33155_4427.N1	03-JUL-2008 07:08:19	Straylight	45.500	148	Alp Tuc	2.8780	4100.0	91	33155	No
98	GOM_NL__2PRFIN20080703_071236_000000412070_00035_33155_4428.N1	03-JUL-2008 07:12:36	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33155	No
99	GOM_NL__2PRFIN20080703_071743_000000392070_00035_33155_4429.N1	03-JUL-2008 07:17:43	Twi_and_stray	38.500	147	Alp Ara	2.8770	26000.	77	33155	No
100	GOM_NL__2PRFIN20080703_071932_000000402070_00035_33155_4430.N1	03-JUL-2008 07:19:32	Twi_and_stray	39.500	40	The Sco	1.8590	7100.0	79	33155	No
101	GOM_NL__2PRFIN20080703_072111_000000402070_00035_33155_4431.N1	03-JUL-2008 07:21:11	Twi_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	33155	No

102	GOM_NL__2PRFIN20080703_072237_000000482070_00035_33155_4432.N1	03-JUL-2008 07:22:37	Bright	48.000	116	19Del Sgr	2.7000	4100.0	96	33155	No
103	GOM_NL__2PRFIN20080703_072349_000000402070_00035_33155_4433.N1	03-JUL-2008 07:23:49	Bright	39.500	137	22Lam Sgr	2.8240	4400.0	79	33155	No
104	GOM_NL__2PRFIN20080703_072722_000000362070_00035_33155_4434.N1	03-JUL-2008 07:27:22	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33155	No
105	GOM_NL__2PRFIN20080703_073255_000000362070_00035_33155_4435.N1	03-JUL-2008 07:32:55	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33155	No
106	GOM_NL__2PRFIN20080703_073514_000000362070_00035_33155_4436.N1	03-JUL-2008 07:35:14	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33155	No
107	GOM_NL__2PRFIN20080703_073803_000000372070_00035_33155_4437.N1	03-JUL-2008 07:38:03	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33155	No
108	GOM_NL__2PRFIN20080703_074044_000000362070_00035_33155_4438.N1	03-JUL-2008 07:40:44	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33155	No
109	GOM_NL__2PRFIN20080703_074637_000000382070_00035_33155_4439.N1	03-JUL-2008 07:46:37	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33155	No
110	GOM_NL__2PRFIN20080703_074907_000000362070_00035_33155_4440.N1	03-JUL-2008 07:49:07	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33155	No
111	GOM_NL__2PRFIN20080703_075310_000000342070_00035_33155_4441.N1	03-JUL-2008 07:53:10	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	33155	No
112	GOM_NL__2PRFIN20080703_075718_000000332070_00035_33155_4442.N1	03-JUL-2008 07:57:18	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33155	No
113	GOM_NL__2PRFIN20080703_080734_000000492070_00035_33155_4443.N1	03-JUL-2008 08:07:34	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	33155	No
114	GOM_NL__2PRFIN20080703_080920_000000542070_00035_33155_4444.N1	03-JUL-2008 08:09:20	Bright	54.000	175	39Del Per	3.0100	19400.	108	33155	No
115	GOM_NL__2PRFIN20080703_081619_000000392070_00035_33155_4445.N1	03-JUL-2008 08:16:19	Twilight	38.500	146	25Eta Tau	2.8730	15200.	77	33155	No
116	GOM_NL__2PRFIN20080703_082645_000000442070_00035_33155_4446.N1	03-JUL-2008 08:26:45	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	33155	No
117	GOM_NL__2PRFIN20080703_083515_000000372070_00035_33155_4447.N1	03-JUL-2008 08:35:15	Dark	36.500	157	The1Eri	2.9060	9300.0	73	33155	No
118	GOM_NL__2PRFIN20080703_084124_000000512070_00036_33156_4439.N1	03-JUL-2008 08:41:24	Dark	51.000	9	Alp Eri	0.45300	24000.	102	33156	No
119	GOM_NL__2PRFIN20080703_084554_000000362070_00036_33156_4440.N1	03-JUL-2008 08:45:54	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33156	No
120	GOM_NL__2PRFIN20080703_084855_000000412070_00036_33156_4441.N1	03-JUL-2008 08:48:55	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	33156	No
121	GOM_NL__2PRFIN20080703_085313_000000412070_00036_33156_4442.N1	03-JUL-2008 08:53:13	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33156	No
122	GOM_NL__2PRFIN20080703_085819_000000382070_00036_33156_4443.N1	03-JUL-2008 08:58:19	Twi_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33156	No
123	GOM_NL__2PRFIN20080703_090008_000000422070_00036_33156_4444.N1	03-JUL-2008 09:00:08	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	33156	No
124	GOM_NL__2PRFIN20080703_090148_000000432070_00036_33156_4445.N1	03-JUL-2008 09:01:48	Twi_and_stray	42.500	25	35Lam Sco	1.6200	28000.	85	33156	No
125	GOM_NL__2PRFIN20080703_090313_000000542070_00036_33156_4446.N1	03-JUL-2008 09:03:13	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	33156	No
126	GOM_NL__2PRFIN20080703_090425_000000542070_00036_33156_4447.N1	03-JUL-2008 09:04:25	Bright	54.000	137	22Lam Sgr	2.8240	4400.0	108	33156	No
127	GOM_NL__2PRFIN20080703_090758_000000362070_00036_33156_4448.N1	03-JUL-2008 09:07:58	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33156	No
128	GOM_NL__2PRFIN20080703_091331_000000372070_00036_33156_4449.N1	03-JUL-2008 09:13:31	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33156	No
129	GOM_NL__2PRFIN20080703_091550_000000372070_00036_33156_4450.N1	03-JUL-2008 09:15:50	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33156	No
130	GOM_NL__2PRFIN20080703_091839_000000372070_00036_33156_4451.N1	03-JUL-2008 09:18:39	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33156	No
131	GOM_NL__2PRFIN20080703_092120_000000372070_00036_33156_4452.N1	03-JUL-2008 09:21:20	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	33156	No
132	GOM_NL__2PRFIN20080703_092713_000000382070_00036_33156_4453.N1	03-JUL-2008 09:27:13	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	33156	No
133	GOM_NL__2PRFIN20080703_092943_000000362070_00036_33156_4454.N1	03-JUL-2008 09:29:43	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33156	No
134	GOM_NL__2PRFIN20080703_093346_000000372070_00036_33156_4455.N1	03-JUL-2008 09:33:46	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	33156	No
135	GOM_NL__2PRFIN20080703_093754_000000362070_00036_33156_4456.N1	03-JUL-2008 09:37:54	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33156	No
136	GOM_NL__2PRFIN20080703_094809_000000422070_00036_33156_4457.N1	03-JUL-2008 09:48:09	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	33156	No
137	GOM_NL__2PRFIN20080703_094956_000000542070_00036_33156_4458.N1	03-JUL-2008 09:49:56	Bright	54.000	175	39Del Per	3.0100	19400.	108	33156	No
138	GOM_NL__2PRFIN20080703_095210_000000342070_00036_33156_4459.N1	03-JUL-2008 09:52:10	Bright	33.500	149	45Eps Per	2.8880	30000.	67	33156	No
139	GOM_NL__2PRFIN20080703_095655_000000402070_00036_33156_4460.N1	03-JUL-2008 09:56:55	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	33156	No
140	GOM_NL__2PRFIN20080703_100721_000000432070_00036_33156_4461.N1	03-JUL-2008 10:07:21	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	33156	No
141	GOM_NL__2PRFIN20080703_101551_000000402070_00036_33156_4462.N1	03-JUL-2008 10:15:51	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33156	No
142	GOM_NL__2PRFIN20080703_102201_000000492070_00037_33157_4454.N1	03-JUL-2008 10:22:01	Dark	48.500	9	Alp Eri	0.45300	24000.	97	33157	No
143	GOM_NL__2PRFIN20080703_102630_000000372070_00037_33157_4455.N1	03-JUL-2008 10:26:30	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33157	No
144	GOM_NL__2PRFIN20080703_102932_000000422070_00037_33157_4456.N1	03-JUL-2008 10:29:32	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33157	No
145	GOM_NL__2PRFIN20080703_103349_000000422070_00037_33157_4457.N1	03-JUL-2008 10:33:49	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	33157	No
146	GOM_NL__2PRFIN20080703_103855_000000372070_00037_33157_4458.N1	03-JUL-2008 10:38:55	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33157	No
147	GOM_NL__2PRFIN20080703_104044_000000412070_00037_33157_4459.N1	03-JUL-2008 10:40:44	Twi_and_stray	40.500	40	The Sco	1.8590	7100.0	81	33157	No
148	GOM_NL__2PRFIN20080703_104224_000000412070_00037_33157_4460.N1	03-JUL-2008 10:42:24	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33157	No
149	GOM_NL__2PRFIN20080703_104350_000000492070_00037_33157_4461.N1	03-JUL-2008 10:43:50	Bright	48.500	116	19Del Sgr	2.7000	4100.0	97	33157	No
150	GOM_NL__2PRFIN20080703_104501_000000402070_00037_33157_4462.N1	03-JUL-2008 10:45:01	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	33157	No
151	GOM_NL__2PRFIN20080703_104834_000000372070_00037_33157_4463.N1	03-JUL-2008 10:48:34	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33157	No
152	GOM_NL__2PRFIN20080703_105407_000000372070_00037_33157_4464.N1	03-JUL-2008 10:54:07	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33157	No
153	GOM_NL__2PRFIN20080703_105626_000000372070_00037_33157_4465.N1	03-JUL-2008 10:56:26	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33157	No
154	GOM_NL__2PRFIN20080703_105915_000000372070_00037_33157_4466.N1	03-JUL-2008 10:59:15	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33157	No
155	GOM_NL__2PRFIN20080703_110156_000000352070_00037_33157_4467.N1	03-JUL-2008 11:01:56	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33157	No
156	GOM_NL__2PRFIN20080703_110748_000000372070_00037_33157_4468.N1	03-JUL-2008 11:07:48	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33157	No
157	GOM_NL__2PRFIN20080703_111019_000000372070_00037_33157_4469.N1	03-JUL-2008 11:10:19	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33157	No
158	GOM_NL__2PRFIN20080703_111422_000000342070_00037_33157_4470.N1	03-JUL-2008 11:14:22	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	33157	No
159	GOM_NL__2PRFIN20080703_111830_000000362070_00037_33157_4471.N1	03-JUL-2008 11:18:30	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33157	No
160	GOM_NL__2PRFIN20080703_112845_000000482070_00037_33157_4472.N1	03-JUL-2008 11:28:45	Bright	47.500	160	23Gam Per	2.9300	4700.0	95	33157	No



161	GOM_NL__2PRFIN20080703_113032_000000342070_00037_33157_4473.N1	03-JUL-2008 11:30:32	Bright	34.000	175	39Del Per	3.0100	19400.	68	33157	No
162	GOM_NL__2PRFIN20080703_113246_000000342070_00037_33157_4474.N1	03-JUL-2008 11:32:46	Bright	34.000	149	45Eps Per	2.8880	30000.	68	33157	No
163	GOM_NL__2PRFIN20080703_113731_000000402070_00037_33157_4475.N1	03-JUL-2008 11:37:31	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33157	No
164	GOM_NL__2PRFIN20080703_114757_000000422070_00037_33157_4476.N1	03-JUL-2008 11:47:57	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	33157	No
165	GOM_NL__2PRFIN20080703_115628_000000402070_00037_33157_4477.N1	03-JUL-2008 11:56:28	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33157	No
166	GOM_NL__2PRFIN20080703_120237_000000412070_00038_33158_4467.N1	03-JUL-2008 12:02:37	Dark	40.500	9	Alp Eri	0.45300	24000.	81	33158	No
167	GOM_NL__2PRFIN20080703_120706_000000382070_00038_33158_4468.N1	03-JUL-2008 12:07:06	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33158	No
168	GOM_NL__2PRFIN20080703_121008_000000432070_00038_33158_4469.N1	03-JUL-2008 12:10:08	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	33158	No
169	GOM_NL__2PRFIN20080703_121426_000000402070_00038_33158_4470.N1	03-JUL-2008 12:14:26	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33158	No
170	GOM_NL__2PRFIN20080703_121931_000000392070_00038_33158_4471.N1	03-JUL-2008 12:19:31	Twi_and_stray	38.500	147	Alp Ara	2.8770	26000.	77	33158	No
171	GOM_NL__2PRFIN20080703_122120_000000402070_00038_33158_4472.N1	03-JUL-2008 12:21:20	Twi_and_stray	40.000	40	The Sco	1.8590	7100.0	80	33158	No
172	GOM_NL__2PRFIN20080703_122300_000000392070_00038_33158_4473.N1	03-JUL-2008 12:23:00	Twi_and_stray	38.500	25	35Lam Sco	1.6200	28000.	77	33158	No
173	GOM_NL__2PRFIN20080703_122426_000000542070_00038_33158_4474.N1	03-JUL-2008 12:24:26	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	33158	No
174	GOM_NL__2PRFIN20080703_122910_000000362070_00038_33158_4475.N1	03-JUL-2008 12:29:10	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33158	No
175	GOM_NL__2PRFIN20080703_123443_000000382070_00038_33158_4476.N1	03-JUL-2008 12:34:43	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33158	No
176	GOM_NL__2PRFIN20080703_123702_000000352070_00038_33158_4477.N1	03-JUL-2008 12:37:02	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	33158	No
177	GOM_NL__2PRFIN20080703_123951_000000362070_00038_33158_4478.N1	03-JUL-2008 12:39:51	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	33158	No
178	GOM_NL__2PRFIN20080703_124233_000000352070_00038_33158_4479.N1	03-JUL-2008 12:42:33	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33158	No
179	GOM_NL__2PRFIN20080703_124824_000000372070_00038_33158_4480.N1	03-JUL-2008 12:48:24	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	33158	No
180	GOM_NL__2PRFIN20080703_125055_000000352070_00038_33158_4481.N1	03-JUL-2008 12:50:55	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	33158	No
181	GOM_NL__2PRFIN20080703_125458_000000372070_00038_33158_4482.N1	03-JUL-2008 12:54:58	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33158	No
182	GOM_NL__2PRFIN20080703_125906_000000352070_00038_33158_4483.N1	03-JUL-2008 12:59:06	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	33158	No
183	GOM_NL__2PRFIN20080703_130921_000000372070_00038_33158_4484.N1	03-JUL-2008 13:09:21	Bright	37.000	160	23Gam Per	2.9300	4700.0	74	33158	No
184	GOM_NL__2PRFIN20080703_131108_000000352070_00038_33158_4485.N1	03-JUL-2008 13:11:08	Bright	34.500	175	39Del Per	3.0100	19400.	69	33158	No
185	GOM_NL__2PRFIN20080703_131322_000000352070_00038_33158_4486.N1	03-JUL-2008 13:13:22	Bright	34.500	149	45Eps Per	2.8880	30000.	69	33158	No
186	GOM_NL__2PRFIN20080703_131547_000000372070_00038_33158_4487.N1	03-JUL-2008 13:15:47	Bright	37.000	150	44Zet Per	2.8900	28000.	74	33158	No
187	GOM_NL__2PRFIN20080703_131807_000000412070_00038_33158_4488.N1	03-JUL-2008 13:18:07	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	33158	No
188	GOM_NL__2PRFIN20080703_132834_000000432070_00038_33158_4489.N1	03-JUL-2008 13:28:34	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	33158	No
189	GOM_NL__2PRFIN20080703_133704_000000402070_00038_33158_4490.N1	03-JUL-2008 13:37:04	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33158	No
190	GOM_NL__2PRFIN20080703_134314_000000402070_00039_33159_4475.N1	03-JUL-2008 13:43:14	Dark	40.000	9	Alp Eri	0.45300	24000.	80	33159	No
191	GOM_NL__2PRFIN20080703_134742_000000372070_00039_33159_4476.N1	03-JUL-2008 13:47:42	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33159	No
192	GOM_NL__2PRFIN20080703_135045_000000422070_00039_33159_4477.N1	03-JUL-2008 13:50:45	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33159	No
193	GOM_NL__2PRFIN20080703_135502_000000412070_00039_33159_4478.N1	03-JUL-2008 13:55:02	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33159	No
194	GOM_NL__2PRFIN20080703_140007_000000372070_00039_33159_4479.N1	03-JUL-2008 14:00:07	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	33159	No
195	GOM_NL__2PRFIN20080703_140156_000000412070_00039_33159_4480.N1	03-JUL-2008 14:01:56	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	33159	No
196	GOM_NL__2PRFIN20080703_140336_000000422070_00039_33159_4481.N1	03-JUL-2008 14:03:36	Twi_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	33159	No
197	GOM_NL__2PRFIN20080703_140502_000000402070_00039_33159_4482.N1	03-JUL-2008 14:05:02	Bright	40.000	116	19Del Sgr	2.7000	4100.0	80	33159	No
198	GOM_NL__2PRFIN20080703_140946_000000372070_00039_33159_4483.N1	03-JUL-2008 14:09:46	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33159	No
199	GOM_NL__2PRFIN20080703_141519_000000372070_00039_33159_4484.N1	03-JUL-2008 14:15:19	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33159	No
200	GOM_NL__2PRFIN20080703_141738_000000362070_00039_33159_4485.N1	03-JUL-2008 14:17:38	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33159	No
201	GOM_NL__2PRFIN20080703_142027_000000342070_00039_33159_4486.N1	03-JUL-2008 14:20:27	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	33159	No
202	GOM_NL__2PRFIN20080703_142308_000000342070_00039_33159_4487.N1	03-JUL-2008 14:23:08	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33159	No
203	GOM_NL__2PRFIN20080703_142900_000000342070_00039_33159_4488.N1	03-JUL-2008 14:29:00	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	33159	No
204	GOM_NL__2PRFIN20080703_143131_000000362070_00039_33159_4489.N1	03-JUL-2008 14:31:31	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33159	No
205	GOM_NL__2PRFIN20080703_143534_000000362070_00039_33159_4490.N1	03-JUL-2008 14:35:34	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33159	No
206	GOM_NL__2PRFIN20080703_143942_000000342070_00039_33159_4491.N1	03-JUL-2008 14:39:42	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33159	No
207	GOM_NL__2PRFIN20080703_144957_000000382070_00039_33159_4492.N1	03-JUL-2008 14:49:57	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	33159	No
208	GOM_NL__2PRFIN20080703_145144_000000342070_00039_33159_4493.N1	03-JUL-2008 14:51:44	Bright	34.000	175	39Del Per	3.0100	19400.	68	33159	No
209	GOM_NL__2PRFIN20080703_145359_000000342070_00039_33159_4494.N1	03-JUL-2008 14:53:59	Bright	33.500	149	45Eps Per	2.8880	30000.	67	33159	No
210	GOM_NL__2PRFIN20080703_145623_000000372070_00039_33159_4495.N1	03-JUL-2008 14:56:23	Bright	36.500	150	44Zet Per	2.8900	28000.	73	33159	No
211	GOM_NL__2PRFIN20080703_145843_000000402070_00039_33159_4496.N1	03-JUL-2008 14:58:43	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	33159	No
212	GOM_NL__2PRFIN20080703_150910_000000432070_00039_33159_4497.N1	03-JUL-2008 15:09:10	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	33159	No
213	GOM_NL__2PRFIN20080703_151740_000000392070_00039_33159_4498.N1	03-JUL-2008 15:17:40	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33159	No
214	GOM_NL__2PRFIN20080703_152350_000000492070_00040_33160_4497.N1	03-JUL-2008 15:23:50	Dark	49.000	9	Alp Eri	0.45300	24000.	98	33160	No
215	GOM_NL__2PRFIN20080703_152818_000000382070_00040_33160_4498.N1	03-JUL-2008 15:28:18	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	33160	No
216	GOM_NL__2PRFIN20080703_153121_000000412070_00040_33160_4499.N1	03-JUL-2008 15:31:21	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33160	No
217	GOM_NL__2PRFIN20080703_153538_000000402070_00040_33160_4500.N1	03-JUL-2008 15:35:38	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33160	No
218	GOM_NL__2PRFIN20080703_154043_000000372070_00040_33160_4501.N1	03-JUL-2008 15:40:43	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	33160	No
219	GOM_NL__2PRFIN20080703_154232_000000382070_00040_33160_4502.N1	03-JUL-2008 15:42:32	Twi_and_stray	38.000	40	The Sco	1.8590	7100.0	76	33160	No

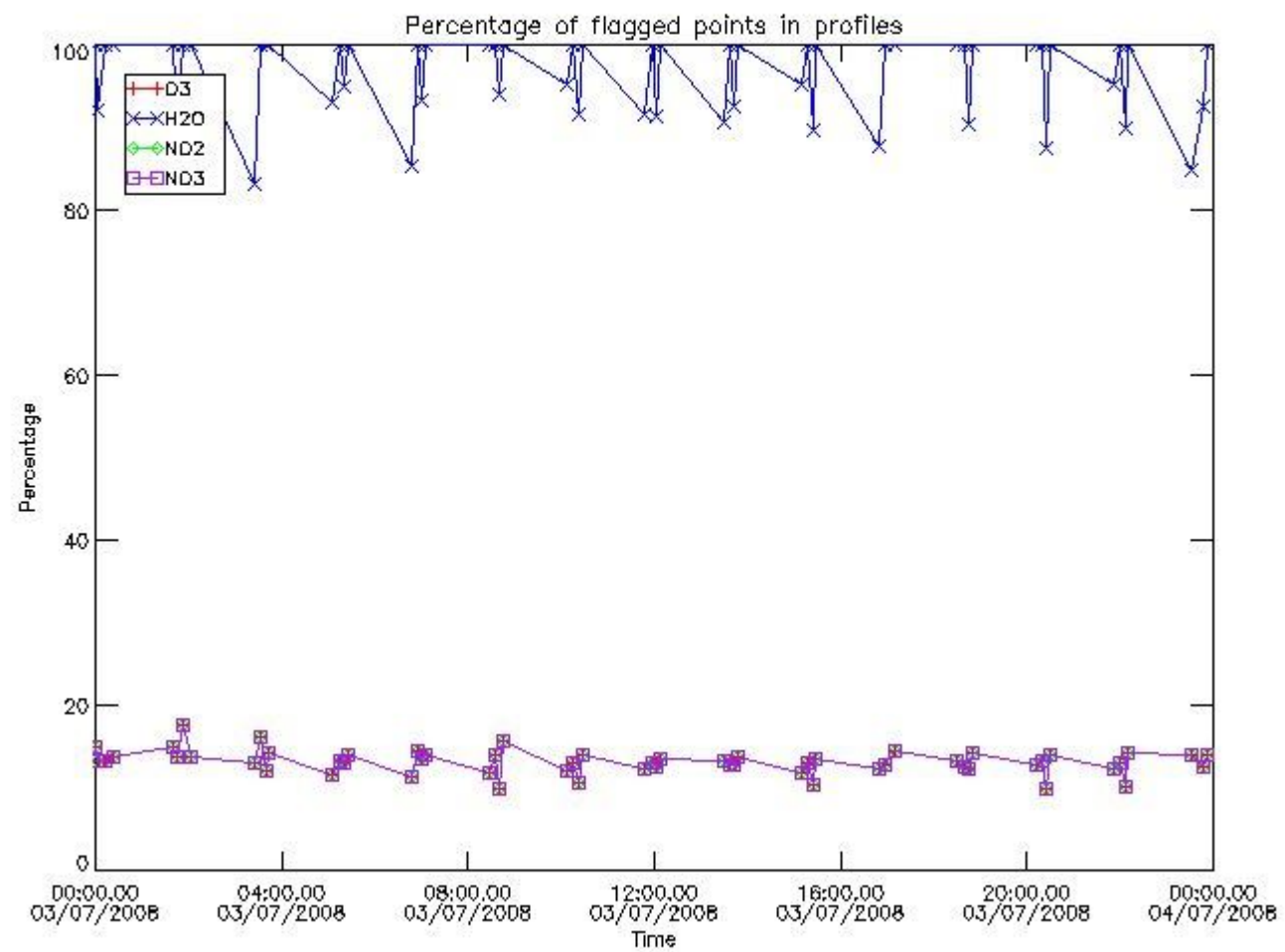
220	GOM_NL__2PRFIN20080703_154412_000000382070_00040_33160_4503.N1	03-JUL-2008 15:44:12	Twilight	38.000	25	35Lam Sco	1.6200	28000.	76	33160	No
221	GOM_NL__2PRFIN20080703_154538_000000462070_00040_33160_4504.N1	03-JUL-2008 15:45:38	Bright	45.500	116	19Del Sgr	2.7000	4100.0	91	33160	No
222	GOM_NL__2PRFIN20080703_155022_000000372070_00040_33160_4505.N1	03-JUL-2008 15:50:22	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33160	No
223	GOM_NL__2PRFIN20080703_155555_000000362070_00040_33160_4506.N1	03-JUL-2008 15:55:55	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33160	No
224	GOM_NL__2PRFIN20080703_155813_000000382070_00040_33160_4507.N1	03-JUL-2008 15:58:13	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33160	No
225	GOM_NL__2PRFIN20080703_160103_000000352070_00040_33160_4508.N1	03-JUL-2008 16:01:03	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33160	No
226	GOM_NL__2PRFIN20080703_160344_000000352070_00040_33160_4509.N1	03-JUL-2008 16:03:44	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33160	No
227	GOM_NL__2PRFIN20080703_160936_000000372070_00040_33160_4510.N1	03-JUL-2008 16:09:36	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33160	No
228	GOM_NL__2PRFIN20080703_161207_000000342070_00040_33160_4511.N1	03-JUL-2008 16:12:07	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	33160	No
229	GOM_NL__2PRFIN20080703_161610_000000332070_00040_33160_4512.N1	03-JUL-2008 16:16:10	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	33160	No
230	GOM_NL__2PRFIN20080703_162018_000000362070_00040_33160_4513.N1	03-JUL-2008 16:20:18	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33160	No
231	GOM_NL__2PRFIN20080703_163033_000000372070_00040_33160_4514.N1	03-JUL-2008 16:30:33	Bright	36.500	160	23Gam Per	2.9300	4700.0	73	33160	No
232	GOM_NL__2PRFIN20080703_163220_000000352070_00040_33160_4515.N1	03-JUL-2008 16:32:20	Bright	34.500	175	39Del Per	3.0100	19400.	69	33160	No
233	GOM_NL__2PRFIN20080703_163435_000000332070_00040_33160_4516.N1	03-JUL-2008 16:34:35	Bright	33.000	149	45Eps Per	2.8880	30000.	66	33160	No
234	GOM_NL__2PRFIN20080703_163659_000000382070_00040_33160_4517.N1	03-JUL-2008 16:36:59	Bright	38.000	150	44Zet Per	2.8900	28000.	76	33160	No
235	GOM_NL__2PRFIN20080703_163920_000000402070_00040_33160_4518.N1	03-JUL-2008 16:39:20	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33160	No
236	GOM_NL__2PRFIN20080703_164946_000000422070_00040_33160_4519.N1	03-JUL-2008 16:49:46	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	33160	No
237	GOM_NL__2PRFIN20080703_165817_000000402070_00040_33160_4520.N1	03-JUL-2008 16:58:17	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33160	No
238	GOM_NL__2PRFIN20080703_170854_000000362070_00041_33161_4515.N1	03-JUL-2008 17:08:54	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	33161	No
239	GOM_NL__2PRFIN20080703_171158_000000412070_00041_33161_4516.N1	03-JUL-2008 17:11:58	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33161	No
240	GOM_NL__2PRFIN20080703_171615_000000402070_00041_33161_4517.N1	03-JUL-2008 17:16:15	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33161	No
241	GOM_NL__2PRFIN20080703_172120_000000382070_00041_33161_4518.N1	03-JUL-2008 17:21:20	Twilight	38.000	147	Alp Ara	2.8770	26000.	76	33161	No
242	GOM_NL__2PRFIN20080703_172308_000000392070_00041_33161_4519.N1	03-JUL-2008 17:23:08	Twilight	38.500	40	The Sco	1.8590	7100.0	77	33161	No
243	GOM_NL__2PRFIN20080703_172448_000000412070_00041_33161_4520.N1	03-JUL-2008 17:24:48	Twilight	41.000	25	35Lam Sco	1.6200	28000.	82	33161	No
244	GOM_NL__2PRFIN20080703_172614_000000502070_00041_33161_4521.N1	03-JUL-2008 17:26:14	Bright	50.000	116	19Del Sgr	2.7000	4100.0	100	33161	No
245	GOM_NL__2PRFIN20080703_173058_000000362070_00041_33161_4522.N1	03-JUL-2008 17:30:58	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33161	No
246	GOM_NL__2PRFIN20080703_173631_000000382070_00041_33161_4523.N1	03-JUL-2008 17:36:31	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33161	No
247	GOM_NL__2PRFIN20080703_173849_000000372070_00041_33161_4524.N1	03-JUL-2008 17:38:49	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33161	No
248	GOM_NL__2PRFIN20080703_174139_000000372070_00041_33161_4525.N1	03-JUL-2008 17:41:39	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33161	No
249	GOM_NL__2PRFIN20080703_174421_000000362070_00041_33161_4526.N1	03-JUL-2008 17:44:21	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33161	No
250	GOM_NL__2PRFIN20080703_175012_000000382070_00041_33161_4527.N1	03-JUL-2008 17:50:12	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	33161	No
251	GOM_NL__2PRFIN20080703_175243_000000522070_00041_33161_4528.N1	03-JUL-2008 17:52:43	Bright	52.000	119	14Eta Dra	2.7270	4700.0	104	33161	No
252	GOM_NL__2PRFIN20080703_175646_000000352070_00041_33161_4529.N1	03-JUL-2008 17:56:46	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	33161	No
253	GOM_NL__2PRFIN20080703_180054_000000362070_00041_33161_4530.N1	03-JUL-2008 18:00:54	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33161	No
254	GOM_NL__2PRFIN20080703_181109_000000382070_00041_33161_4531.N1	03-JUL-2008 18:11:09	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	33161	No
255	GOM_NL__2PRFIN20080703_181256_000000362070_00041_33161_4532.N1	03-JUL-2008 18:12:56	Bright	35.500	175	39Del Per	3.0100	19400.	71	33161	No
256	GOM_NL__2PRFIN20080703_181511_000000542070_00041_33161_4533.N1	03-JUL-2008 18:15:11	Bright	54.000	149	45Eps Per	2.8880	30000.	108	33161	No
257	GOM_NL__2PRFIN20080703_181735_000000372070_00041_33161_4534.N1	03-JUL-2008 18:17:35	Bright	37.000	150	44Zet Per	2.8900	28000.	74	33161	No
258	GOM_NL__2PRFIN20080703_181956_000000402070_00041_33161_4535.N1	03-JUL-2008 18:19:56	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33161	No
259	GOM_NL__2PRFIN20080703_183022_000000392070_00041_33161_4536.N1	03-JUL-2008 18:30:22	Dark	38.500	165	34Gam Eri	2.9500	3200.0	77	33161	No
260	GOM_NL__2PRFIN20080703_183853_000000412070_00041_33161_4537.N1	03-JUL-2008 18:38:53	Dark	40.500	157	The1Eri	2.9060	9300.0	81	33161	No
261	GOM_NL__2PRFIN20080703_184503_000000422070_00042_33162_4529.N1	03-JUL-2008 18:45:03	Dark	41.500	9	Alp Eri	0.45300	24000.	83	33162	No
262	GOM_NL__2PRFIN20080703_184931_000000362070_00042_33162_4530.N1	03-JUL-2008 18:49:31	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33162	No
263	GOM_NL__2PRFIN20080703_185234_000000432070_00042_33162_4531.N1	03-JUL-2008 18:52:34	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	33162	No
264	GOM_NL__2PRFIN20080703_185651_000000382070_00042_33162_4532.N1	03-JUL-2008 18:56:51	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	33162	No
265	GOM_NL__2PRFIN20080703_190156_000000372070_00042_33162_4533.N1	03-JUL-2008 19:01:56	Twilight	37.000	147	Alp Ara	2.8770	26000.	74	33162	No
266	GOM_NL__2PRFIN20080703_190345_000000402070_00042_33162_4534.N1	03-JUL-2008 19:03:45	Twilight	40.000	40	The Sco	1.8590	7100.0	80	33162	No
267	GOM_NL__2PRFIN20080703_190524_000000422070_00042_33162_4535.N1	03-JUL-2008 19:05:24	Twilight	41.500	25	35Lam Sco	1.6200	28000.	83	33162	No
268	GOM_NL__2PRFIN20080703_190650_000000462070_00042_33162_4536.N1	03-JUL-2008 19:06:50	Bright	45.500	116	19Del Sgr	2.7000	4100.0	91	33162	No
269	GOM_NL__2PRFIN20080703_191134_000000362070_00042_33162_4537.N1	03-JUL-2008 19:11:34	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	33162	No
270	GOM_NL__2PRFIN20080703_191707_000000382070_00042_33162_4538.N1	03-JUL-2008 19:17:07	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	33162	No
271	GOM_NL__2PRFIN20080703_191925_000000372070_00042_33162_4539.N1	03-JUL-2008 19:19:25	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33162	No
272	GOM_NL__2PRFIN20080703_192215_000000372070_00042_33162_4540.N1	03-JUL-2008 19:22:15	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33162	No
273	GOM_NL__2PRFIN20080703_192457_000000342070_00042_33162_4541.N1	03-JUL-2008 19:24:57	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33162	No
274	GOM_NL__2PRFIN20080703_193047_000000382070_00042_33162_4542.N1	03-JUL-2008 19:30:47	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33162	No
275	GOM_NL__2PRFIN20080703_193319_000000362070_00042_33162_4543.N1	03-JUL-2008 19:33:19	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33162	No
276	GOM_NL__2PRFIN20080703_193723_000000372070_00042_33162_4544.N1	03-JUL-2008 19:37:23	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33162	No
277	GOM_NL__2PRFIN20080703_194130_000000362070_00042_33162_4545.N1	03-JUL-2008 19:41:30	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33162	No
278	GOM_NL__2PRFIN20080703_195145_000000382070_00042_33162_4546.N1	03-JUL-2008 19:51:45	Bright	38.000	160	23Gam Per	2.9300	4700.0	76	33162	No

279	GOM_NL__2PRFIN20080703_195332_000000342070_00042_33162_4547.N1	03-JUL-2008 19:53:32	Bright	34.000	175	39Del Per	3.0100	19400.	68	33162	No
280	GOM_NL__2PRFIN20080703_195547_000000332070_00042_33162_4548.N1	03-JUL-2008 19:55:47	Bright	32.500	149	45Eps Per	2.8880	30000.	65	33162	No
281	GOM_NL__2PRFIN20080703_195811_000000372070_00042_33162_4549.N1	03-JUL-2008 19:58:11	Bright	36.500	150	44Zet Per	2.8900	28000.	73	33162	No
282	GOM_NL__2PRFIN20080703_200032_000000402070_00042_33162_4550.N1	03-JUL-2008 20:00:32	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33162	No
283	GOM_NL__2PRFIN20080703_201059_000000402070_00042_33162_4551.N1	03-JUL-2008 20:10:59	Dark	40.000	165	34Gam Eri	2.9500	3200.0	80	33162	No
284	GOM_NL__2PRFIN20080703_201930_000000392070_00042_33162_4552.N1	03-JUL-2008 20:19:30	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33162	No
285	GOM_NL__2PRFIN20080703_202540_000000522070_00043_33163_4543.N1	03-JUL-2008 20:25:40	Dark	52.000	9	Alp Eri	0.45300	24000.	104	33163	No
286	GOM_NL__2PRFIN20080703_203007_000000372070_00043_33163_4544.N1	03-JUL-2008 20:30:07	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33163	No
287	GOM_NL__2PRFIN20080703_203311_000000432070_00043_33163_4545.N1	03-JUL-2008 20:33:11	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	33163	No
288	GOM_NL__2PRFIN20080703_203728_000000392070_00043_33163_4546.N1	03-JUL-2008 20:37:28	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	33163	No
289	GOM_NL__2PRFIN20080703_204232_000000372070_00043_33163_4547.N1	03-JUL-2008 20:42:32	Tw_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	33163	No
290	GOM_NL__2PRFIN20080703_204421_000000402070_00043_33163_4548.N1	03-JUL-2008 20:44:21	Tw_and_stray	39.500	40	The Sco	1.8590	7100.0	79	33163	No
291	GOM_NL__2PRFIN20080703_204600_000000392070_00043_33163_4549.N1	03-JUL-2008 20:46:00	Tw_and_stray	39.000	25	35Lam Sco	1.6200	28000.	78	33163	No
292	GOM_NL__2PRFIN20080703_204727_000000452070_00043_33163_4550.N1	03-JUL-2008 20:47:27	Bright	45.000	116	19Del Sgr	2.7000	4100.0	90	33163	No
293	GOM_NL__2PRFIN20080703_205210_000000372070_00043_33163_4551.N1	03-JUL-2008 20:52:10	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33163	No
294	GOM_NL__2PRFIN20080703_205743_000000372070_00043_33163_4552.N1	03-JUL-2008 20:57:43	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33163	No
295	GOM_NL__2PRFIN20080703_210001_000000362070_00043_33163_4553.N1	03-JUL-2008 21:00:01	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33163	No
296	GOM_NL__2PRFIN20080703_210252_000000372070_00043_33163_4554.N1	03-JUL-2008 21:02:52	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33163	No
297	GOM_NL__2PRFIN20080703_210533_000000352070_00043_33163_4555.N1	03-JUL-2008 21:05:33	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33163	No
298	GOM_NL__2PRFIN20080703_211123_000000532070_00043_33163_4556.N1	03-JUL-2008 21:11:23	Bright	53.000	130	23Bet Dra	2.7990	5800.0	106	33163	No
299	GOM_NL__2PRFIN20080703_211355_000000372070_00043_33163_4557.N1	03-JUL-2008 21:13:55	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33163	No
300	GOM_NL__2PRFIN20080703_211759_000000372070_00043_33163_4558.N1	03-JUL-2008 21:17:59	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33163	No
301	GOM_NL__2PRFIN20080703_212206_000000362070_00043_33163_4559.N1	03-JUL-2008 21:22:06	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33163	No
302	GOM_NL__2PRFIN20080703_213220_000000372070_00043_33163_4560.N1	03-JUL-2008 21:32:20	Bright	37.000	160	23Gam Per	2.9300	4700.0	74	33163	No
303	GOM_NL__2PRFIN20080703_213408_000000352070_00043_33163_4561.N1	03-JUL-2008 21:34:08	Bright	34.500	175	39Del Per	3.0100	19400.	69	33163	No
304	GOM_NL__2PRFIN20080703_213623_000000362070_00043_33163_4562.N1	03-JUL-2008 21:36:23	Bright	35.500	149	45Eps Per	2.8880	30000.	71	33163	No
305	GOM_NL__2PRFIN20080703_213847_000000362070_00043_33163_4563.N1	03-JUL-2008 21:38:47	Bright	35.500	150	44Zet Per	2.8900	28000.	71	33163	No
306	GOM_NL__2PRFIN20080703_214108_000000392070_00043_33163_4564.N1	03-JUL-2008 21:41:08	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	33163	No
307	GOM_NL__2PRFIN20080703_215135_000000422070_00043_33163_4565.N1	03-JUL-2008 21:51:35	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	33163	No
308	GOM_NL__2PRFIN20080703_220006_000000402070_00043_33163_4566.N1	03-JUL-2008 22:00:06	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33163	No
309	GOM_NL__2PRFIN20080703_220616_000000502070_00044_33164_4550.N1	03-JUL-2008 22:06:16	Dark	50.000	9	Alp Eri	0.45300	24000.	100	33164	No
310	GOM_NL__2PRFIN20080703_221043_000000362070_00044_33164_4551.N1	03-JUL-2008 22:10:43	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33164	No
311	GOM_NL__2PRFIN20080703_221347_000000422070_00044_33164_4552.N1	03-JUL-2008 22:13:47	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33164	No
312	GOM_NL__2PRFIN20080703_221804_000000402070_00044_33164_4553.N1	03-JUL-2008 22:18:04	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33164	No
313	GOM_NL__2PRFIN20080703_222308_000000382070_00044_33164_4554.N1	03-JUL-2008 22:23:08	Tw_and_stray	37.500	147	Alp Ara	2.8770	26000.	75	33164	No
314	GOM_NL__2PRFIN20080703_222457_000000412070_00044_33164_4555.N1	03-JUL-2008 22:24:57	Tw_and_stray	40.500	40	The Sco	1.8590	7100.0	81	33164	No
315	GOM_NL__2PRFIN20080703_222636_000000422070_00044_33164_4556.N1	03-JUL-2008 22:26:36	Tw_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	33164	No
316	GOM_NL__2PRFIN20080703_222803_000000412070_00044_33164_4557.N1	03-JUL-2008 22:28:03	Bright	41.000	116	19Del Sgr	2.7000	4100.0	82	33164	No
317	GOM_NL__2PRFIN20080703_223246_000000362070_00044_33164_4558.N1	03-JUL-2008 22:32:46	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	33164	No
318	GOM_NL__2PRFIN20080703_223818_000000362070_00044_33164_4559.N1	03-JUL-2008 22:38:18	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33164	No
319	GOM_NL__2PRFIN20080703_224037_000000372070_00044_33164_4560.N1	03-JUL-2008 22:40:37	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33164	No
320	GOM_NL__2PRFIN20080703_224328_000000372070_00044_33164_4561.N1	03-JUL-2008 22:43:28	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33164	No
321	GOM_NL__2PRFIN20080703_224609_000000352070_00044_33164_4562.N1	03-JUL-2008 22:46:09	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33164	No
322	GOM_NL__2PRFIN20080703_225159_000000342070_00044_33164_4563.N1	03-JUL-2008 22:51:59	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	33164	No
323	GOM_NL__2PRFIN20080703_225431_000000372070_00044_33164_4564.N1	03-JUL-2008 22:54:31	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33164	No
324	GOM_NL__2PRFIN20080703_225835_000000372070_00044_33164_4565.N1	03-JUL-2008 22:58:35	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33164	No
325	GOM_NL__2PRFIN20080703_230241_000000332070_00044_33164_4566.N1	03-JUL-2008 23:02:41	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	33164	No
326	GOM_NL__2PRFIN20080703_231256_000000572070_00044_33164_4567.N1	03-JUL-2008 23:12:56	Bright	57.000	160	23Gam Per	2.9300	4700.0	114	33164	No
327	GOM_NL__2PRFIN20080703_231444_000000542070_00044_33164_4568.N1	03-JUL-2008 23:14:44	Bright	54.000	175	39Del Per	3.0100	19400.	108	33164	No
328	GOM_NL__2PRFIN20080703_231659_000000362070_00044_33164_4569.N1	03-JUL-2008 23:16:59	Bright	36.000	149	45Eps Per	2.8880	30000.	72	33164	No
329	GOM_NL__2PRFIN20080703_231923_000000382070_00044_33164_4570.N1	03-JUL-2008 23:19:23	Bright	38.000	150	44Zet Per	2.8900	28000.	76	33164	No
330	GOM_NL__2PRFIN20080703_232144_000000432070_00044_33164_4571.N1	03-JUL-2008 23:21:44	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	33164	No
331	GOM_NL__2PRFIN20080703_233211_000000362070_00044_33164_4572.N1	03-JUL-2008 23:32:11	Dark	36.000	165	34Gam Eri	2.9500	3200.0	72	33164	No
332	GOM_NL__2PRFIN20080703_234652_000000412070_00045_33165_4578.N1	03-JUL-2008 23:46:52	Dark	40.500	9	Alp Eri	0.45300	24000.	81	33165	No
333	GOM_NL__2PRFIN20080703_235119_000000372070_00045_33165_4579.N1	03-JUL-2008 23:51:19	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33165	No
334	GOM_NL__2PRFIN20080703_235424_000000422070_00045_33165_4580.N1	03-JUL-2008 23:54:24	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33165	No
335	GOM_NL__2PRFIN20080703_235840_000000412070_00045_33165_4581.N1	03-JUL-2008 23:58:40	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33165	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.

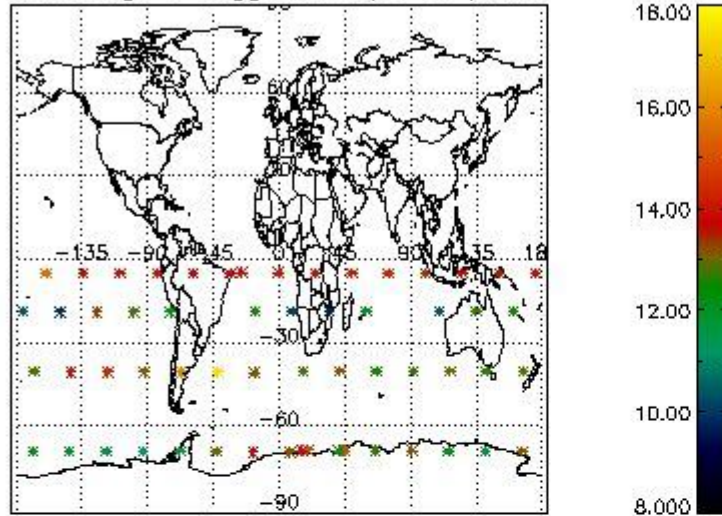
#### 3.1 Plot quality information per product (time dependant)



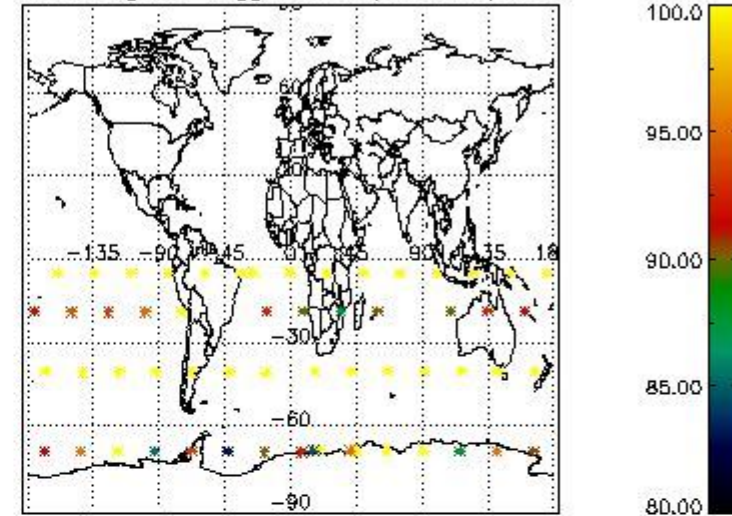
#### 3.2 Plot quality information per product (world map)



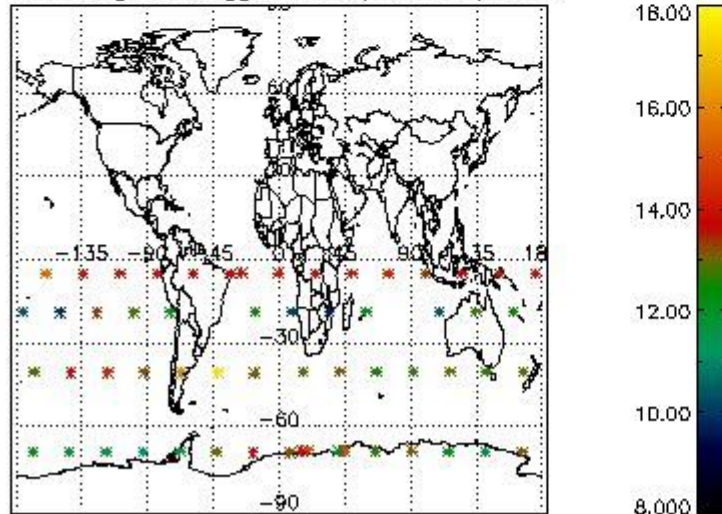
Percentage of flagged data per O3 profile



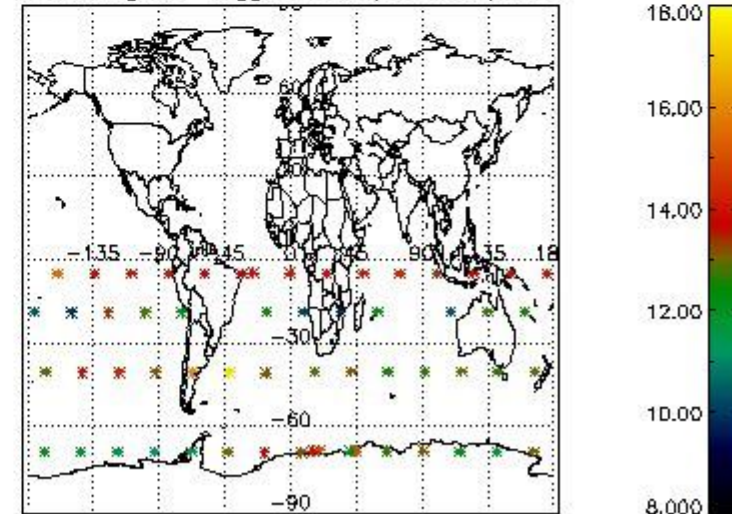
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

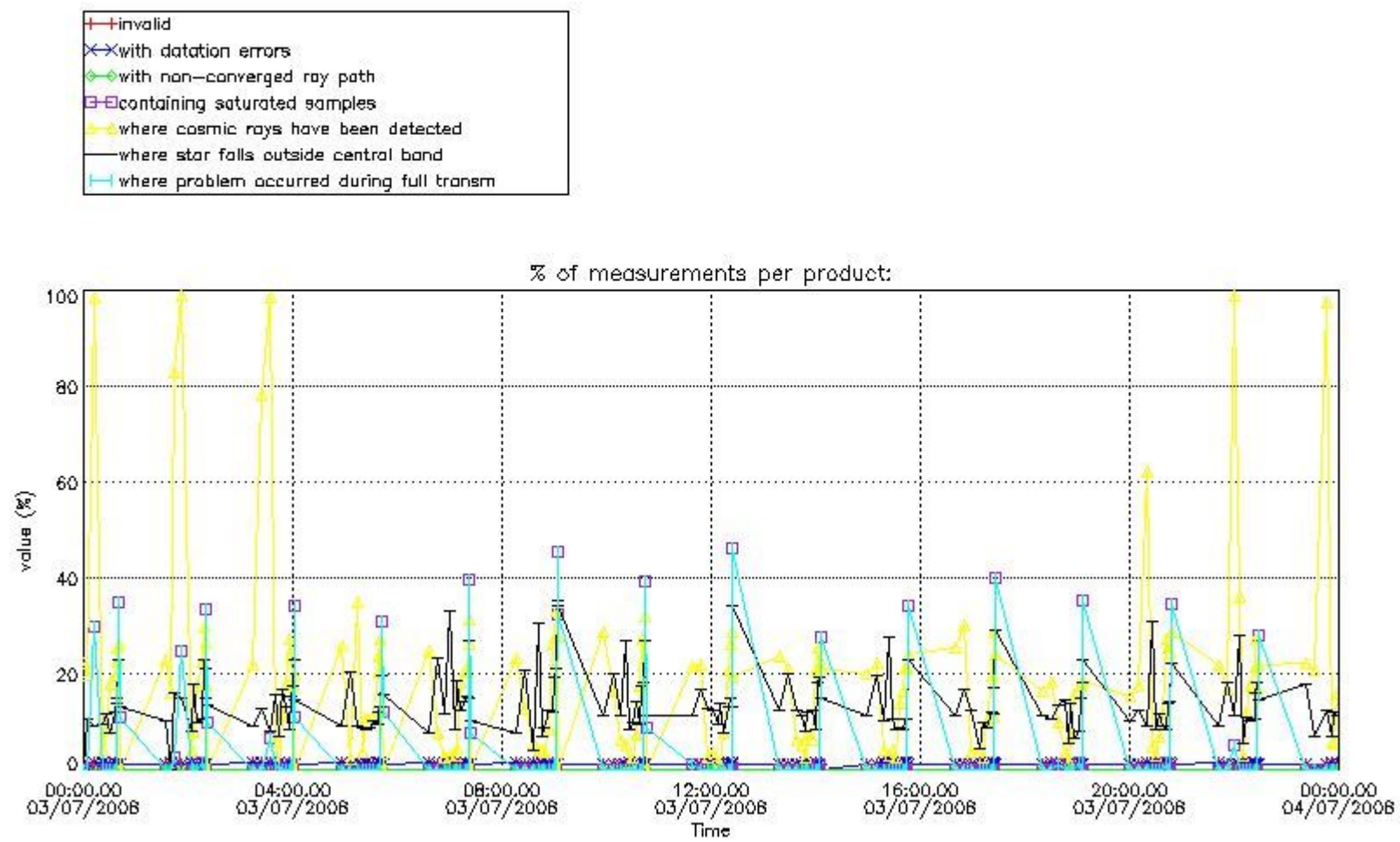


#### 4. Level 1 quality information per product

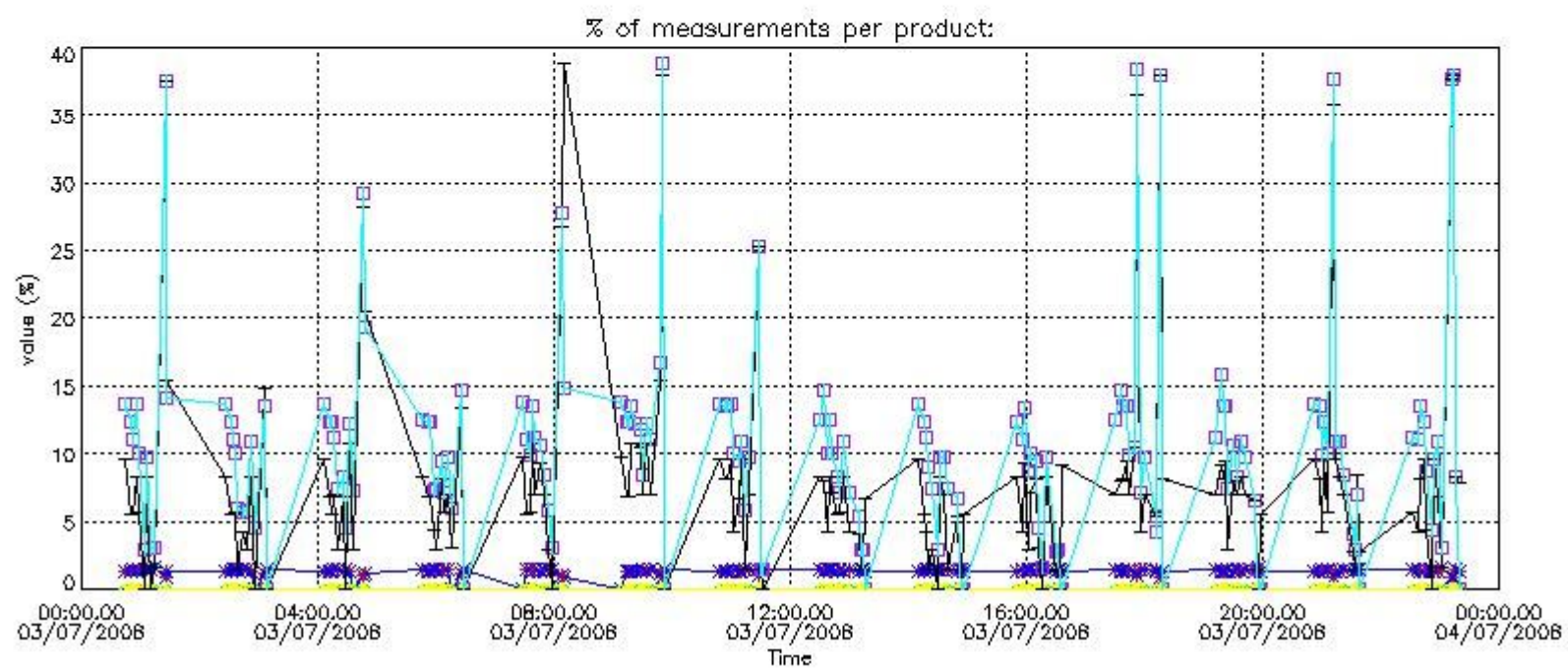
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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

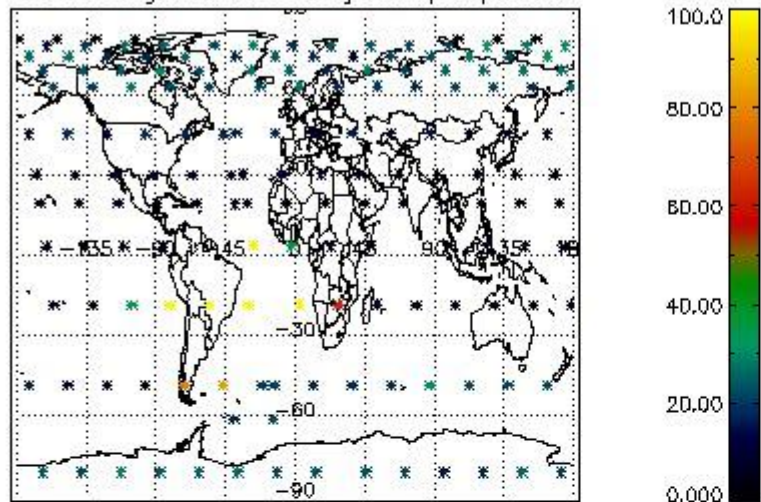


#### 4.2 Plot quality information per product coming from level 1b processing (world map)

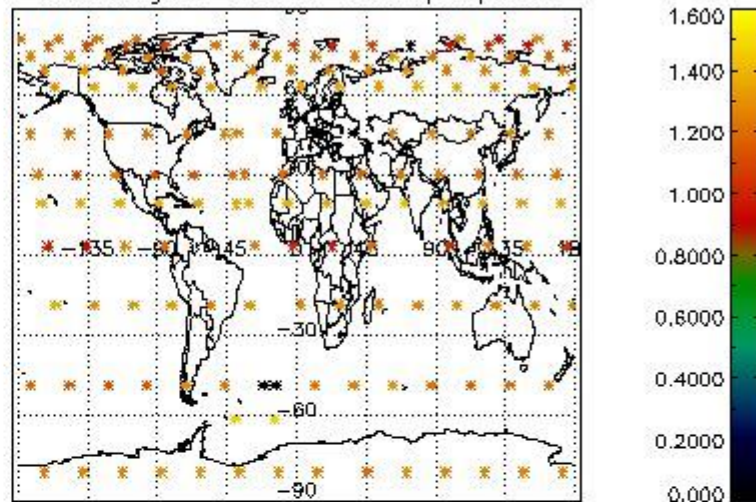
##### 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes



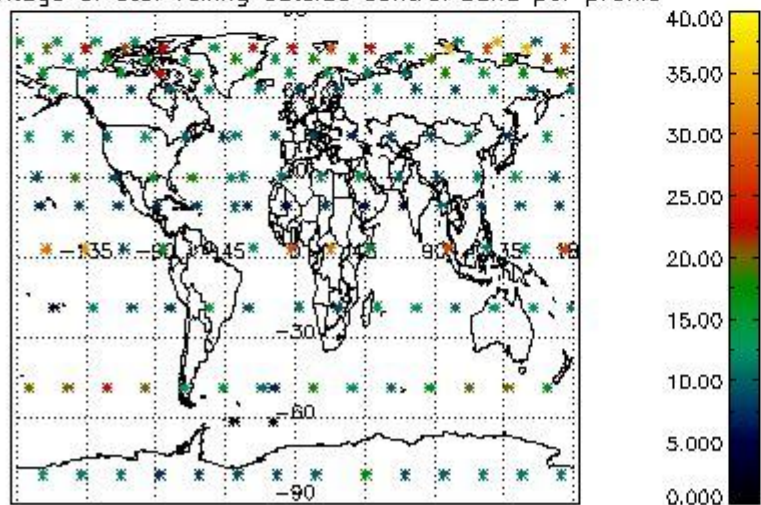
Percentage of cosmic ray hits per profile



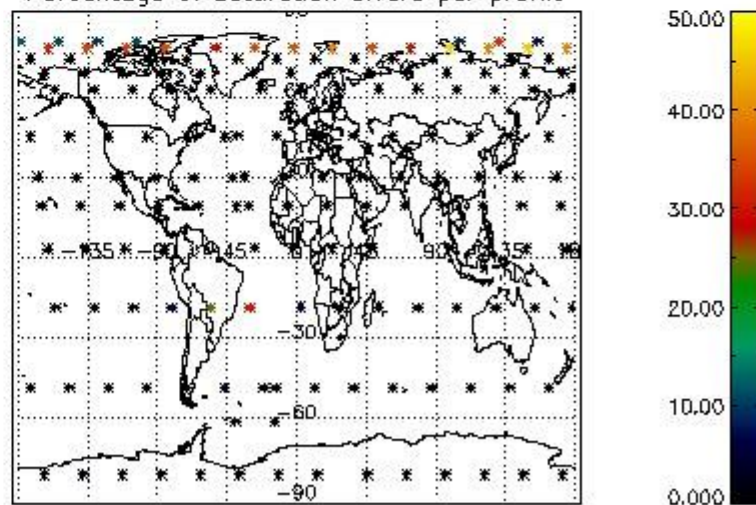
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

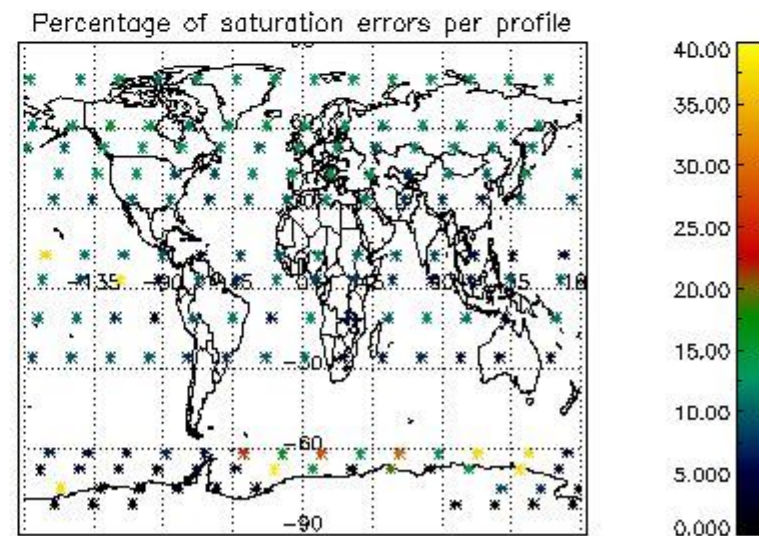
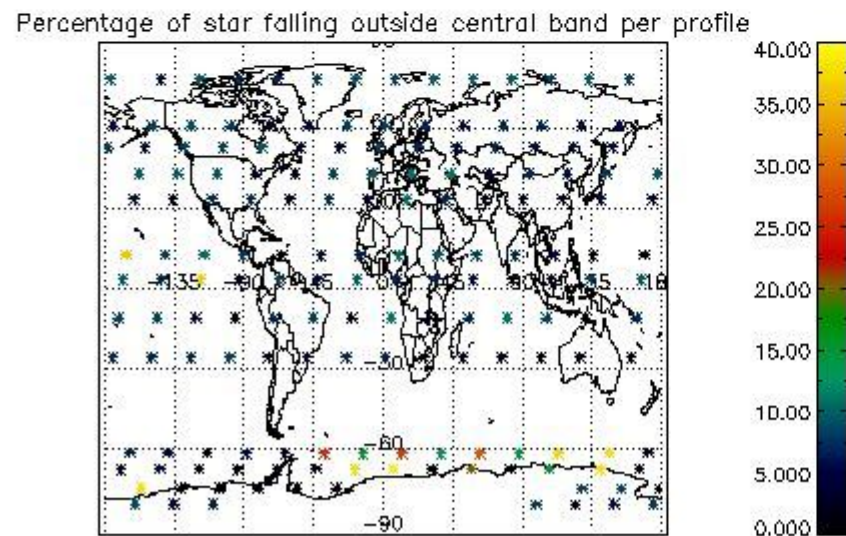
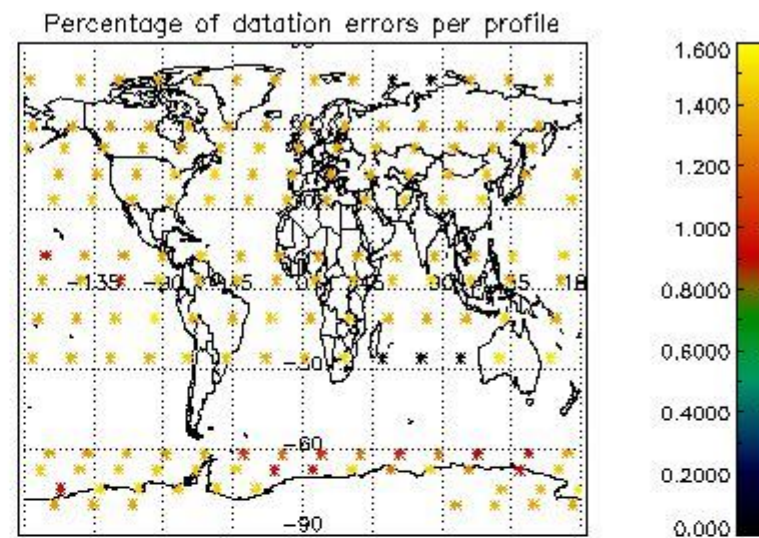
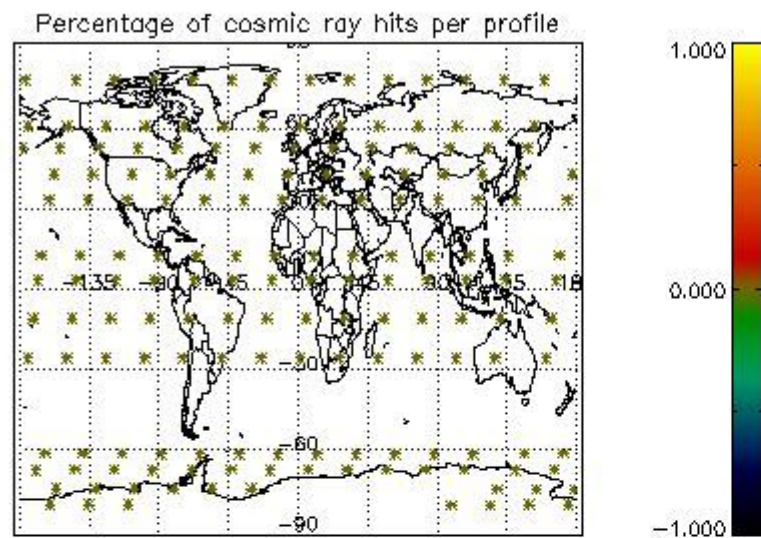


Percentage of saturation errors per profile



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

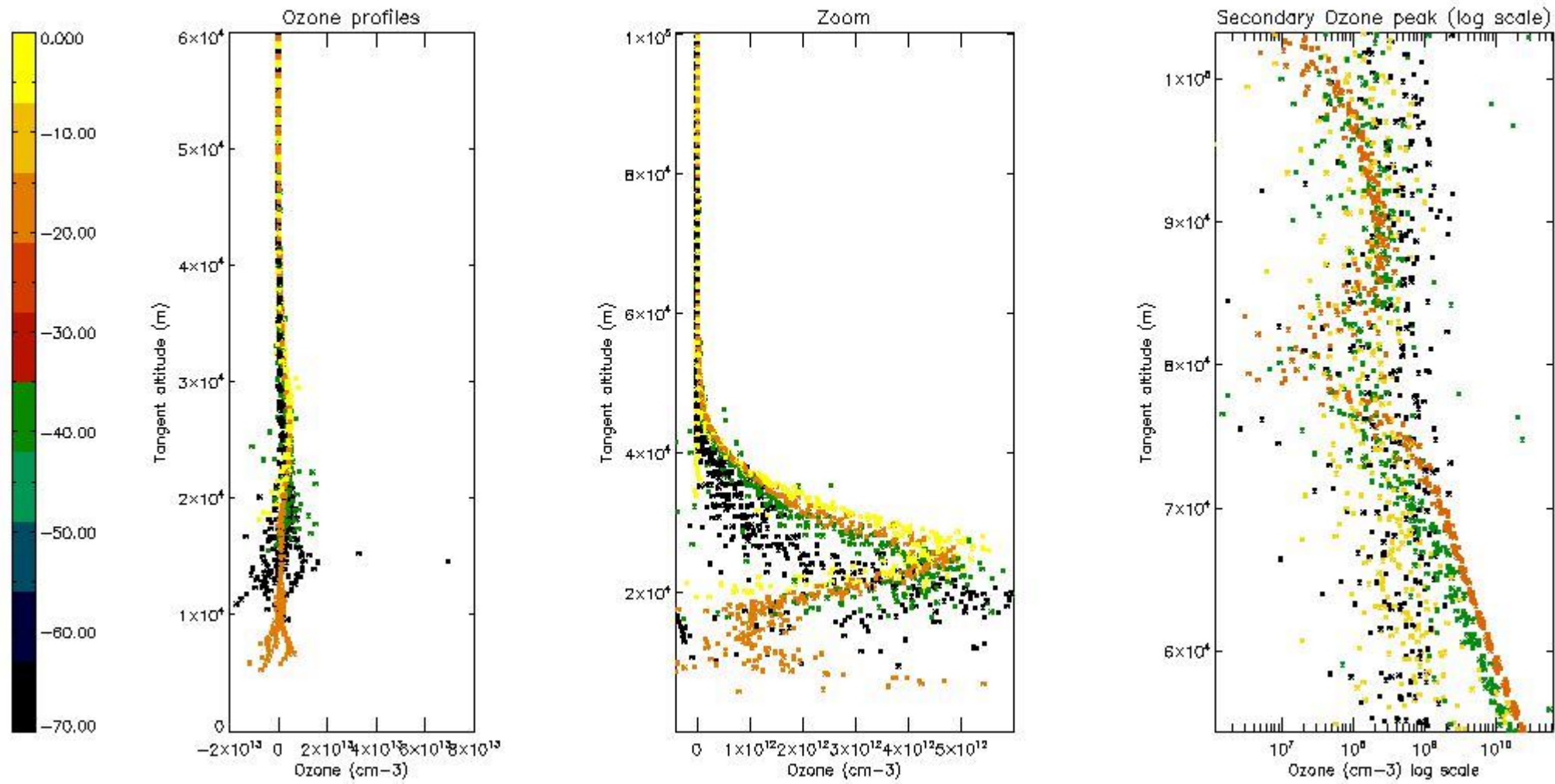
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	19
STD < 20	7

STD < 10	4
STD < 5	2

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

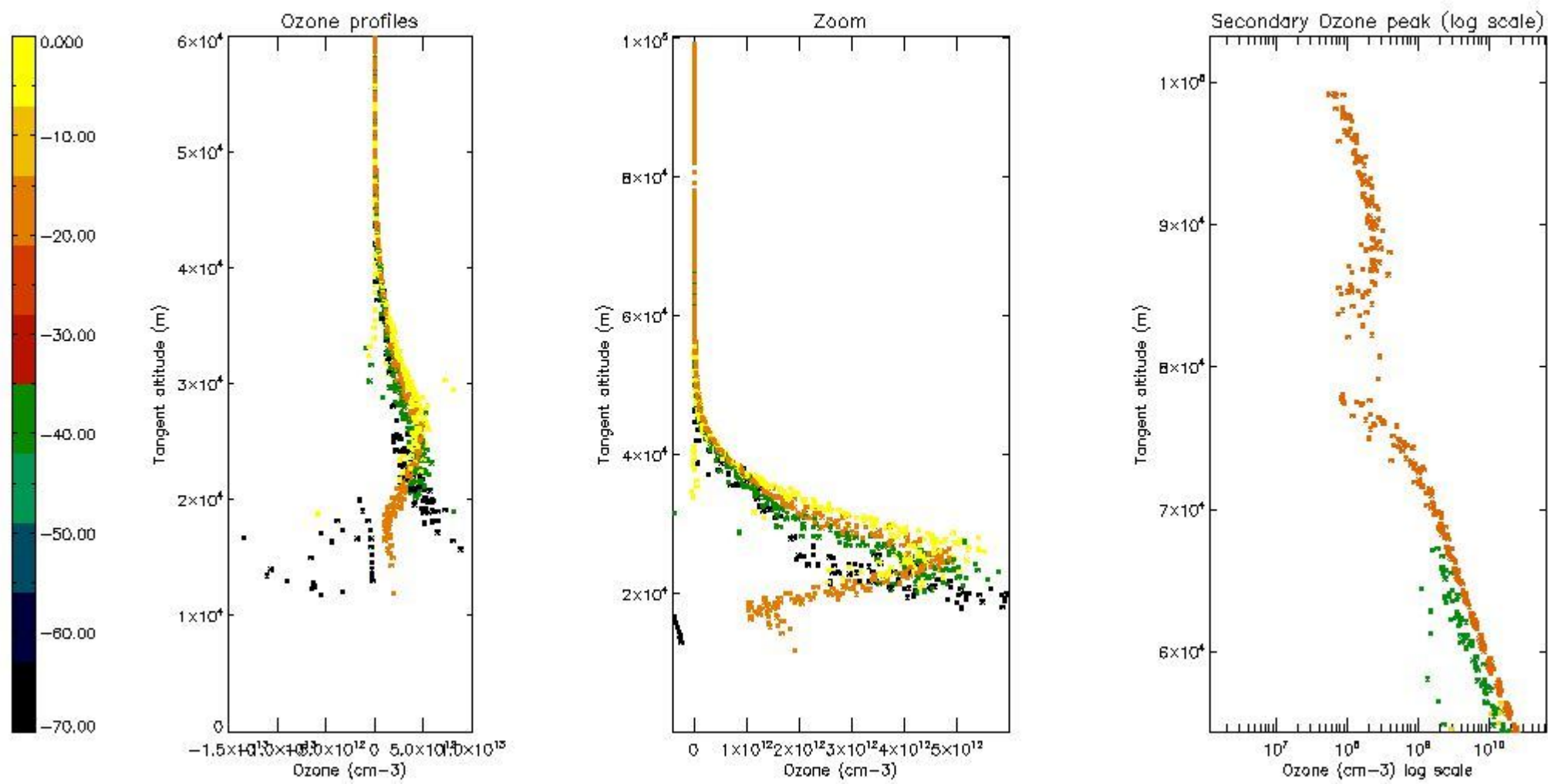
The colorbar represents the latitude.



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

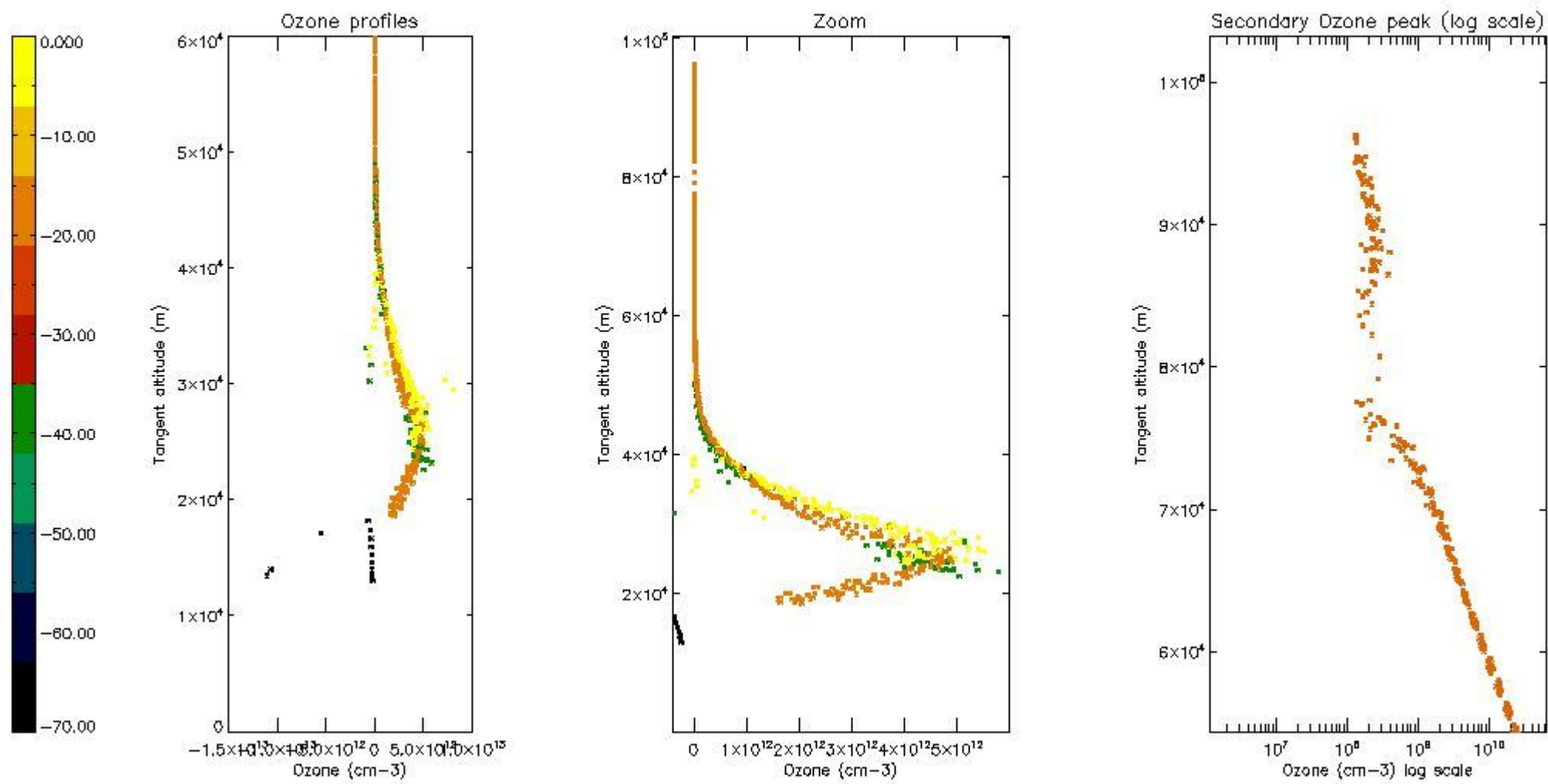
The colorbar represents the latitude.





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

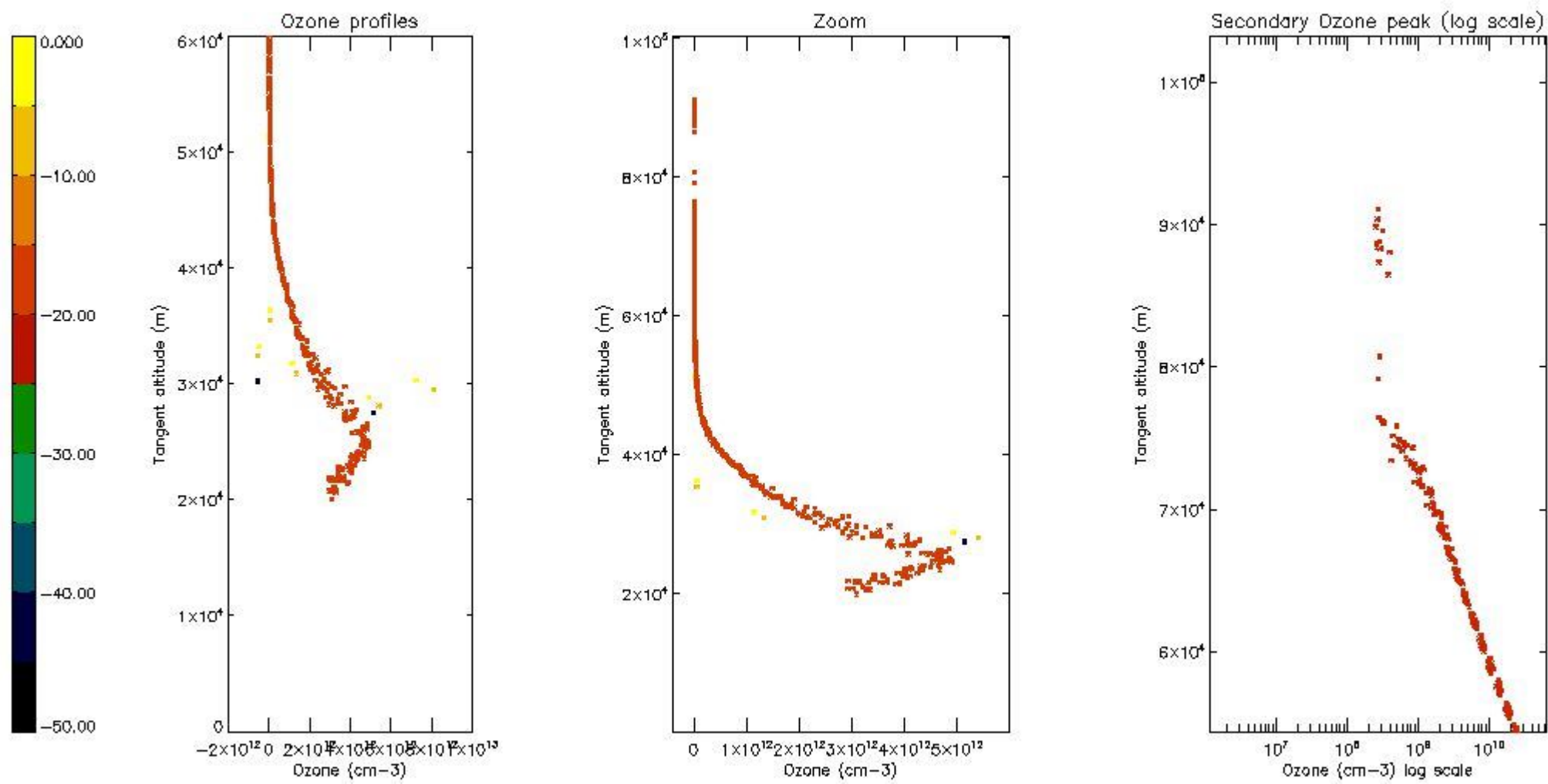
The colorbar represents the latitude.



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

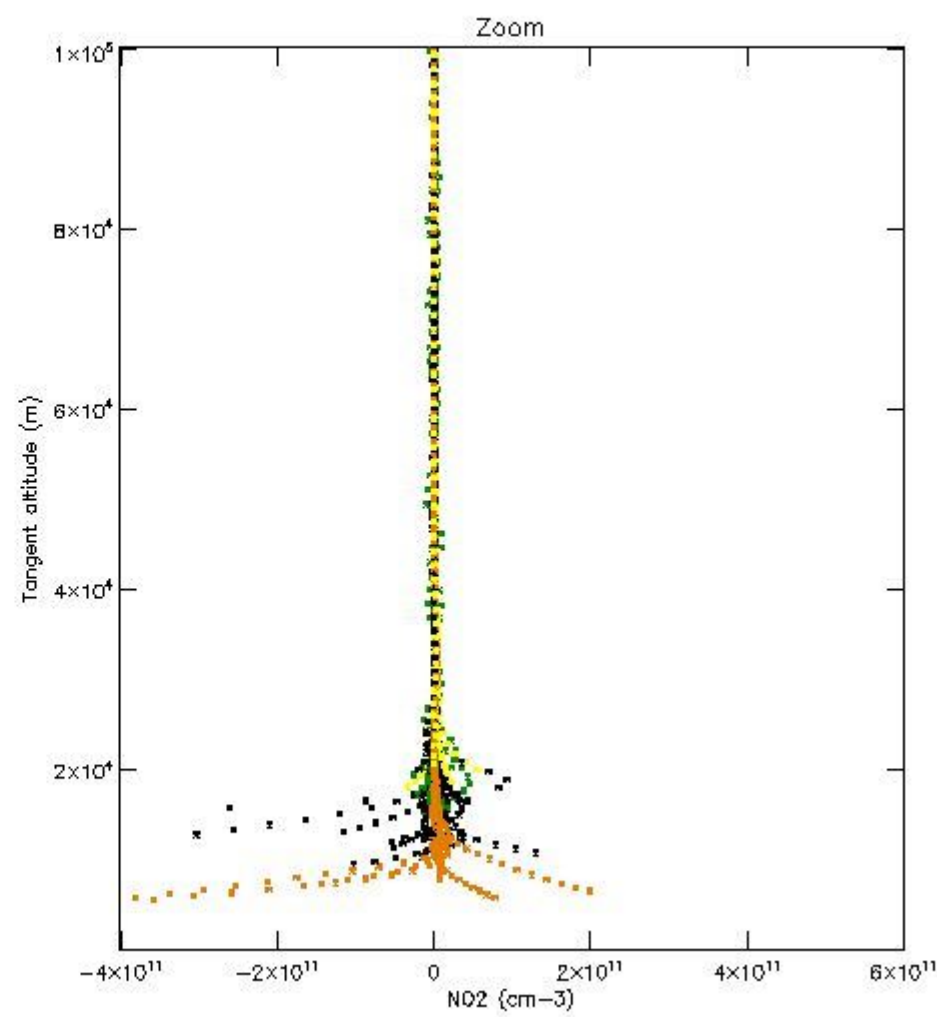
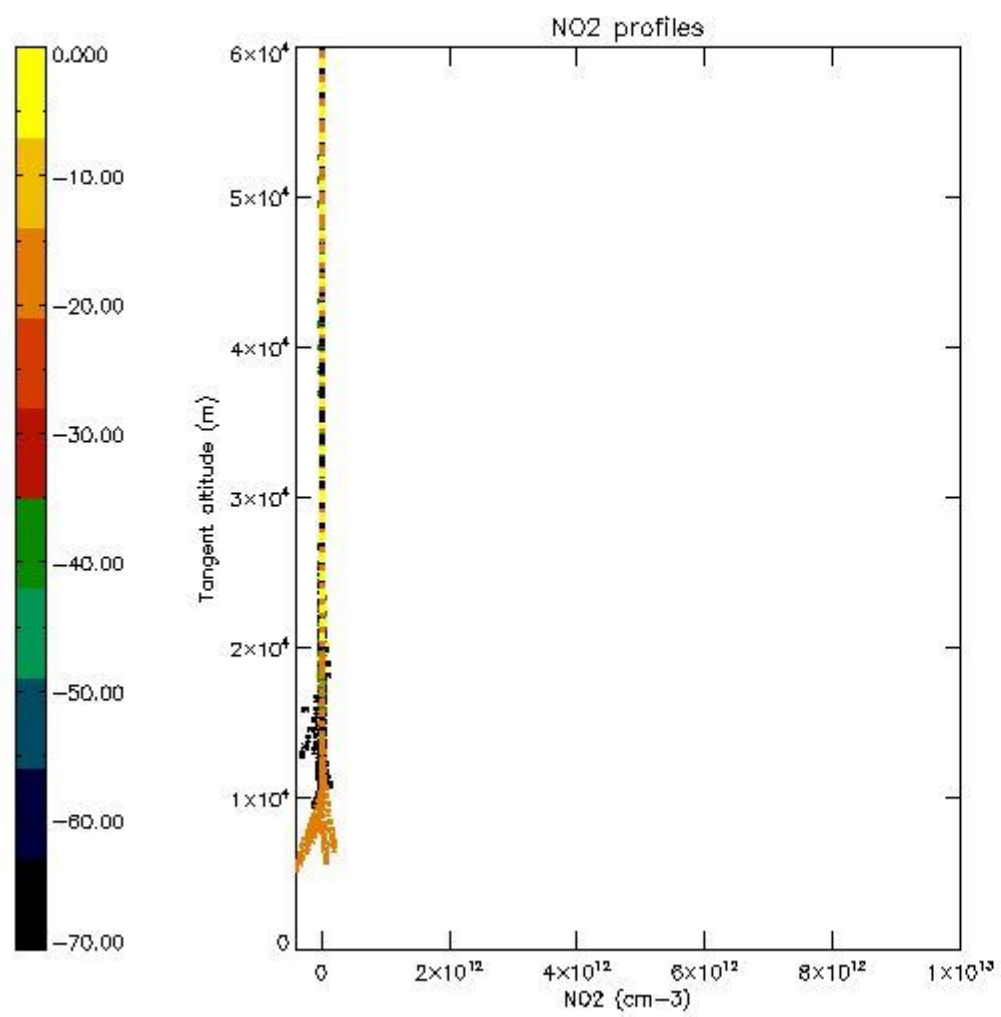
The colorbar represents the latitude.





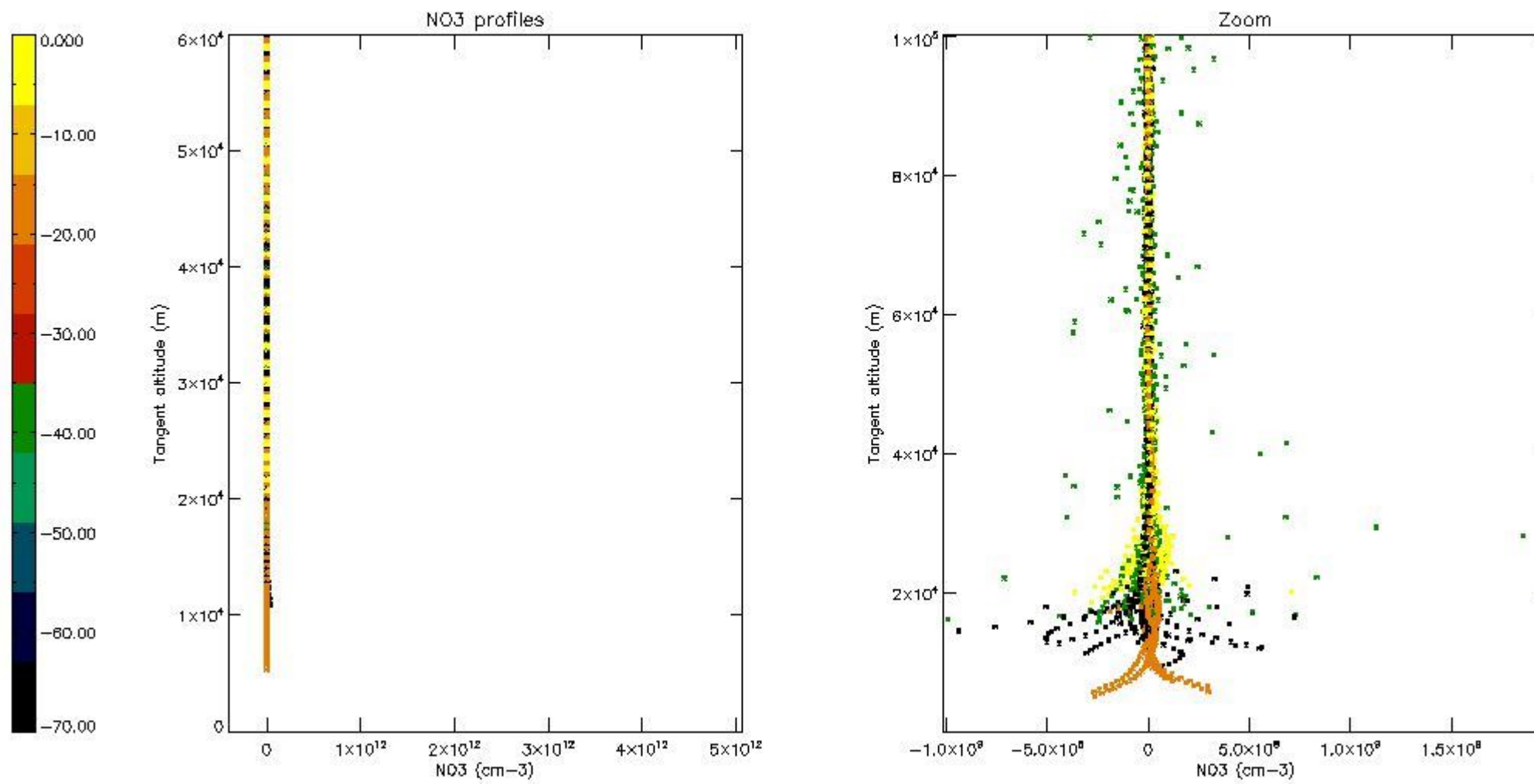
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

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-2008 00:00:05
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-JUL-2008 00:00:05
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-JUL-2008 00:00:05

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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### [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	25APR2013 16:56:29
Data source version	GOMOS/6.01
Start time of products	03-07-2008 (03JUL2008 00:00:00)
Stop time of products	04-07-2008 (04JUL2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	335
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__2PRFIN20080703_000005_000000342070_00030_33150_4217.N1	03-JUL-2008 00:00:05	Dark	34.000	94	92Alp Cet	2.5260	3100.0	68	33150	No
2	GOM_NL__2PRFIN20080703_000344_000000382070_00030_33150_4218.N1	03-JUL-2008 00:03:44	Dark	38.000	165	34Gam Eri	2.9500	3200.0	76	33150	No
3	GOM_NL__2PRFIN20080703_001213_000000392070_00030_33150_4219.N1	03-JUL-2008 00:12:13	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33150	No
4	GOM_NL__2PRFIN20080703_002253_000000372070_00031_33151_4352.N1	03-JUL-2008 00:22:53	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33151	No
5	GOM_NL__2PRFIN20080703_002552_000000432070_00031_33151_4353.N1	03-JUL-2008 00:25:52	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	33151	No
6	GOM_NL__2PRFIN20080703_003011_000000402070_00031_33151_4354.N1	03-JUL-2008 00:30:11	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33151	No
7	GOM_NL__2PRFIN20080703_003518_000000382070_00031_33151_4355.N1	03-JUL-2008 00:35:18	Twilight	38.000	147	Alp Ara	2.8770	26000.	76	33151	No
8	GOM_NL__2PRFIN20080703_003707_000000402070_00031_33151_4356.N1	03-JUL-2008 00:37:07	Twilight	40.000	40	The Sco	1.8590	7100.0	80	33151	No
9	GOM_NL__2PRFIN20080703_003847_000000402070_00031_33151_4357.N1	03-JUL-2008 00:38:47	Twilight	39.500	25	35Lam Sco	1.6200	28000.	79	33151	No
10	GOM_NL__2PRFIN20080703_004013_000000462070_00031_33151_4358.N1	03-JUL-2008 00:40:13	Bright	46.000	116	19Del Sgr	2.7000	4100.0	92	33151	No
11	GOM_NL__2PRFIN20080703_004124_000000422070_00031_33151_4359.N1	03-JUL-2008 00:41:24	Bright	41.500	137	22Lam Sgr	2.8240	4400.0	83	33151	No
12	GOM_NL__2PRFIN20080703_004457_000000372070_00031_33151_4360.N1	03-JUL-2008 00:44:57	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33151	No
13	GOM_NL__2PRFIN20080703_005031_000000372070_00031_33151_4361.N1	03-JUL-2008 00:50:31	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33151	No
14	GOM_NL__2PRFIN20080703_005250_000000362070_00031_33151_4362.N1	03-JUL-2008 00:52:50	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33151	No
15	GOM_NL__2PRFIN20080703_005538_000000372070_00031_33151_4363.N1	03-JUL-2008 00:55:38	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33151	No
16	GOM_NL__2PRFIN20080703_005820_000000352070_00031_33151_4364.N1	03-JUL-2008 00:58:20	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33151	No
17	GOM_NL__2PRFIN20080703_010413_000000342070_00031_33151_4365.N1	03-JUL-2008 01:04:13	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	33151	No
18	GOM_NL__2PRFIN20080703_010643_000000362070_00031_33151_4366.N1	03-JUL-2008 01:06:43	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33151	No
19	GOM_NL__2PRFIN20080703_011046_000000332070_00031_33151_4367.N1	03-JUL-2008 01:10:46	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	33151	No
20	GOM_NL__2PRFIN20080703_011454_000000332070_00031_33151_4368.N1	03-JUL-2008 01:14:54	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	33151	No
21	GOM_NL__2PRFIN20080703_012510_000000562070_00031_33151_4369.N1	03-JUL-2008 01:25:10	Bright	56.000	160	23Gam Per	2.9300	4700.0	112	33151	No
22	GOM_NL__2PRFIN20080703_012656_000000392070_00031_33151_4370.N1	03-JUL-2008 01:26:56	Bright	39.000	175	39Del Per	3.0100	19400.	78	33151	No
23	GOM_NL__2PRFIN20080703_013354_000000402070_00031_33151_4371.N1	03-JUL-2008 01:33:54	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33151	No
24	GOM_NL__2PRFIN20080703_014042_000000342070_00031_33151_4372.N1	03-JUL-2008 01:40:42	Dark	34.000	94	92Alp Cet	2.5260	3100.0	68	33151	No
25	GOM_NL__2PRFIN20080703_014420_000000412070_00031_33151_4373.N1	03-JUL-2008 01:44:20	Dark	41.000	165	34Gam Eri	2.9500	3200.0	82	33151	No
26	GOM_NL__2PRFIN20080703_015249_000000412070_00031_33151_4374.N1	03-JUL-2008 01:52:49	Dark	40.500	157	The1Eri	2.9060	9300.0	81	33151	No
27	GOM_NL__2PRFIN20080703_020329_000000372070_00032_33152_4366.N1	03-JUL-2008 02:03:29	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33152	No
28	GOM_NL__2PRFIN20080703_020629_000000452070_00032_33152_4367.N1	03-JUL-2008 02:06:29	Straylight	44.500	148	Alp Tuc	2.8780	4100.0	89	33152	No
29	GOM_NL__2PRFIN20080703_021047_000000412070_00032_33152_4368.N1	03-JUL-2008 02:10:47	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33152	No
30	GOM_NL__2PRFIN20080703_021554_000000382070_00032_33152_4369.N1	03-JUL-2008 02:15:54	Twilight	38.000	147	Alp Ara	2.8770	26000.	76	33152	No
31	GOM_NL__2PRFIN20080703_021743_000000442070_00032_33152_4370.N1	03-JUL-2008 02:17:43	Twilight	43.500	40	The Sco	1.8590	7100.0	87	33152	No
32	GOM_NL__2PRFIN20080703_021923_000000402070_00032_33152_4371.N1	03-JUL-2008 02:19:23	Twilight	40.000	25	35Lam Sco	1.6200	28000.	80	33152	No
33	GOM_NL__2PRFIN20080703_022049_000000452070_00032_33152_4372.N1	03-JUL-2008 02:20:49	Bright	45.000	116	19Del Sgr	2.7000	4100.0	90	33152	No
34	GOM_NL__2PRFIN20080703_022200_000000412070_00032_33152_4373.N1	03-JUL-2008 02:22:00	Bright	41.000	137	22Lam Sgr	2.8240	4400.0	82	33152	No
35	GOM_NL__2PRFIN20080703_022533_000000372070_00032_33152_4374.N1	03-JUL-2008 02:25:33	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33152	No
36	GOM_NL__2PRFIN20080703_023107_000000372070_00032_33152_4375.N1	03-JUL-2008 02:31:07	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33152	No
37	GOM_NL__2PRFIN20080703_023326_000000362070_00032_33152_4376.N1	03-JUL-2008 02:33:26	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33152	No
38	GOM_NL__2PRFIN20080703_023614_000000352070_00032_33152_4377.N1	03-JUL-2008 02:36:14	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33152	No
39	GOM_NL__2PRFIN20080703_023856_000000342070_00032_33152_4378.N1	03-JUL-2008 02:38:56	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	33152	No
40	GOM_NL__2PRFIN20080703_024449_000000362070_00032_33152_4379.N1	03-JUL-2008 02:44:49	Bright	35.500	130	23Bet Dra	2.7990	5800.0	71	33152	No
41	GOM_NL__2PRFIN20080703_024719_000000342070_00032_33152_4380.N1	03-JUL-2008 02:47:19	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	33152	No
42	GOM_NL__2PRFIN20080703_025122_000000372070_00032_33152_4381.N1	03-JUL-2008 02:51:22	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33152	No

43	GOM_NL__2PRFIN20080703_025530_000000332070_00032_33152_4382.N1	03-JUL-2008 02:55:30	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33152	No
44	GOM_NL__2PRFIN20080703_030546_000000412070_00032_33152_4383.N1	03-JUL-2008 03:05:46	Bright	40.500	160	23Gam Per	2.9300	4700.0	81	33152	No
45	GOM_NL__2PRFIN20080703_030732_000000342070_00032_33152_4384.N1	03-JUL-2008 03:07:32	Bright	33.500	175	39Del Per	3.0100	19400.	67	33152	No
46	GOM_NL__2PRFIN20080703_031431_000000392070_00032_33152_4385.N1	03-JUL-2008 03:14:31	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	33152	No
47	GOM_NL__2PRFIN20080703_032456_000000392070_00032_33152_4386.N1	03-JUL-2008 03:24:56	Dark	39.000	165	34Gam Eri	2.9500	3200.0	78	33152	No
48	GOM_NL__2PRFIN20080703_033326_000000382070_00032_33152_4387.N1	03-JUL-2008 03:33:26	Dark	38.000	157	The1Eri	2.9060	9300.0	76	33152	No
49	GOM_NL__2PRFIN20080703_033935_000000422070_00033_33153_4386.N1	03-JUL-2008 03:39:35	Dark	42.000	9	Alp Eri	0.45300	24000.	84	33153	No
50	GOM_NL__2PRFIN20080703_034405_000000362070_00033_33153_4387.N1	03-JUL-2008 03:44:05	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33153	No
51	GOM_NL__2PRFIN20080703_034706_000000452070_00033_33153_4388.N1	03-JUL-2008 03:47:06	Straylight	44.500	148	Alp Tuc	2.8780	4100.0	89	33153	No
52	GOM_NL__2PRFIN20080703_035124_000000422070_00033_33153_4389.N1	03-JUL-2008 03:51:24	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	33153	No
53	GOM_NL__2PRFIN20080703_035631_000000372070_00033_33153_4390.N1	03-JUL-2008 03:56:31	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	33153	No
54	GOM_NL__2PRFIN20080703_035819_000000402070_00033_33153_4391.N1	03-JUL-2008 03:58:19	Twi_and_stray	39.500	40	The Sco	1.8590	7100.0	79	33153	No
55	GOM_NL__2PRFIN20080703_035959_000000412070_00033_33153_4392.N1	03-JUL-2008 03:59:59	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	33153	No
56	GOM_NL__2PRFIN20080703_040125_000000462070_00033_33153_4393.N1	03-JUL-2008 04:01:25	Bright	45.500	116	19Del Sgr	2.7000	4100.0	91	33153	No
57	GOM_NL__2PRFIN20080703_040236_000000422070_00033_33153_4394.N1	03-JUL-2008 04:02:36	Bright	41.500	137	22Lam Sgr	2.8240	4400.0	83	33153	No
58	GOM_NL__2PRFIN20080703_040610_000000372070_00033_33153_4395.N1	03-JUL-2008 04:06:10	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33153	No
59	GOM_NL__2PRFIN20080703_041143_000000372070_00033_33153_4396.N1	03-JUL-2008 04:11:43	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33153	No
60	GOM_NL__2PRFIN20080703_041402_000000372070_00033_33153_4397.N1	03-JUL-2008 04:14:02	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33153	No
61	GOM_NL__2PRFIN20080703_041650_000000362070_00033_33153_4398.N1	03-JUL-2008 04:16:50	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	33153	No
62	GOM_NL__2PRFIN20080703_041932_000000342070_00033_33153_4399.N1	03-JUL-2008 04:19:32	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33153	No
63	GOM_NL__2PRFIN20080703_042525_000000372070_00033_33153_4400.N1	03-JUL-2008 04:25:25	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	33153	No
64	GOM_NL__2PRFIN20080703_042755_000000332070_00033_33153_4401.N1	03-JUL-2008 04:27:55	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	33153	No
65	GOM_NL__2PRFIN20080703_043158_000000372070_00033_33153_4402.N1	03-JUL-2008 04:31:58	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	33153	No
66	GOM_NL__2PRFIN20080703_043606_000000352070_00033_33153_4403.N1	03-JUL-2008 04:36:06	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33153	No
67	GOM_NL__2PRFIN20080703_044622_000000502070_00033_33153_4404.N1	03-JUL-2008 04:46:22	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	33153	No
68	GOM_NL__2PRFIN20080703_044808_000000422070_00033_33153_4405.N1	03-JUL-2008 04:48:08	Bright	41.500	175	39Del Per	3.0100	19400.	83	33153	No
69	GOM_NL__2PRFIN20080703_045507_000000392070_00033_33153_4406.N1	03-JUL-2008 04:55:07	Twilight	38.500	146	25Eta Tau	2.8730	15200.	77	33153	No
70	GOM_NL__2PRFIN20080703_050532_000000442070_00033_33153_4407.N1	03-JUL-2008 05:05:32	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	33153	No
71	GOM_NL__2PRFIN20080703_051402_000000392070_00033_33153_4408.N1	03-JUL-2008 05:14:02	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33153	No
72	GOM_NL__2PRFIN20080703_052011_000000402070_00034_33154_4398.N1	03-JUL-2008 05:20:11	Dark	39.500	9	Alp Eri	0.45300	24000.	79	33154	No
73	GOM_NL__2PRFIN20080703_052441_000000372070_00034_33154_4399.N1	03-JUL-2008 05:24:41	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33154	No
74	GOM_NL__2PRFIN20080703_052742_000000412070_00034_33154_4400.N1	03-JUL-2008 05:27:42	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	33154	No
75	GOM_NL__2PRFIN20080703_053200_000000402070_00034_33154_4401.N1	03-JUL-2008 05:32:00	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33154	No
76	GOM_NL__2PRFIN20080703_053707_000000372070_00034_33154_4402.N1	03-JUL-2008 05:37:07	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33154	No
77	GOM_NL__2PRFIN20080703_053856_000000382070_00034_33154_4403.N1	03-JUL-2008 05:38:56	Twi_and_stray	38.000	40	The Sco	1.8590	7100.0	76	33154	No
78	GOM_NL__2PRFIN20080703_054035_000000392070_00034_33154_4404.N1	03-JUL-2008 05:40:35	Twi_and_stray	38.500	25	35Lam Sco	1.6200	28000.	77	33154	No
79	GOM_NL__2PRFIN20080703_054201_000000442070_00034_33154_4405.N1	03-JUL-2008 05:42:01	Bright	43.500	116	19Del Sgr	2.7000	4100.0	87	33154	No
80	GOM_NL__2PRFIN20080703_054313_000000422070_00034_33154_4406.N1	03-JUL-2008 05:43:13	Bright	42.000	137	22Lam Sgr	2.8240	4400.0	84	33154	No
81	GOM_NL__2PRFIN20080703_054646_000000362070_00034_33154_4407.N1	03-JUL-2008 05:46:46	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33154	No
82	GOM_NL__2PRFIN20080703_055219_000000372070_00034_33154_4408.N1	03-JUL-2008 05:52:19	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33154	No
83	GOM_NL__2PRFIN20080703_055438_000000372070_00034_33154_4409.N1	03-JUL-2008 05:54:38	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33154	No
84	GOM_NL__2PRFIN20080703_055727_000000352070_00034_33154_4410.N1	03-JUL-2008 05:57:27	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33154	No
85	GOM_NL__2PRFIN20080703_060008_000000342070_00034_33154_4411.N1	03-JUL-2008 06:00:08	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33154	No
86	GOM_NL__2PRFIN20080703_060601_000000372070_00034_33154_4412.N1	03-JUL-2008 06:06:01	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33154	No
87	GOM_NL__2PRFIN20080703_060831_000000352070_00034_33154_4413.N1	03-JUL-2008 06:08:31	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	33154	No
88	GOM_NL__2PRFIN20080703_061234_000000362070_00034_33154_4414.N1	03-JUL-2008 06:12:34	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33154	No
89	GOM_NL__2PRFIN20080703_061642_000000342070_00034_33154_4415.N1	03-JUL-2008 06:16:42	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33154	No
90	GOM_NL__2PRFIN20080703_062658_000000412070_00034_33154_4416.N1	03-JUL-2008 06:26:58	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	33154	No
91	GOM_NL__2PRFIN20080703_062844_000000342070_00034_33154_4417.N1	03-JUL-2008 06:28:44	Bright	33.500	175	39Del Per	3.0100	19400.	67	33154	No
92	GOM_NL__2PRFIN20080703_063543_000000392070_00034_33154_4418.N1	03-JUL-2008 06:35:43	Twilight	38.500	146	25Eta Tau	2.8730	15200.	77	33154	No
93	GOM_NL__2PRFIN20080703_064609_000000452070_00034_33154_4419.N1	03-JUL-2008 06:46:09	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	33154	No
94	GOM_NL__2PRFIN20080703_065439_000000392070_00034_33154_4420.N1	03-JUL-2008 06:54:39	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33154	No
95	GOM_NL__2PRFIN20080703_070048_000000532070_00035_33155_4425.N1	03-JUL-2008 07:00:48	Dark	53.000	9	Alp Eri	0.45300	24000.	106	33155	No
96	GOM_NL__2PRFIN20080703_070518_000000372070_00035_33155_4426.N1	03-JUL-2008 07:05:18	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33155	No
97	GOM_NL__2PRFIN20080703_070819_000000462070_00035_33155_4427.N1	03-JUL-2008 07:08:19	Straylight	45.500	148	Alp Tuc	2.8780	4100.0	91	33155	No
98	GOM_NL__2PRFIN20080703_071236_000000412070_00035_33155_4428.N1	03-JUL-2008 07:12:36	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33155	No
99	GOM_NL__2PRFIN20080703_071743_000000392070_00035_33155_4429.N1	03-JUL-2008 07:17:43	Twi_and_stray	38.500	147	Alp Ara	2.8770	26000.	77	33155	No
100	GOM_NL__2PRFIN20080703_071932_000000402070_00035_33155_4430.N1	03-JUL-2008 07:19:32	Twi_and_stray	39.500	40	The Sco	1.8590	7100.0	79	33155	No
101	GOM_NL__2PRFIN20080703_072111_000000402070_00035_33155_4431.N1	03-JUL-2008 07:21:11	Twi_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	33155	No

102	GOM_NL__2PRFIN20080703_072237_000000482070_00035_33155_4432.N1	03-JUL-2008 07:22:37	Bright	48.000	116	19Del Sgr	2.7000	4100.0	96	33155	No
103	GOM_NL__2PRFIN20080703_072349_000000402070_00035_33155_4433.N1	03-JUL-2008 07:23:49	Bright	39.500	137	22Lam Sgr	2.8240	4400.0	79	33155	No
104	GOM_NL__2PRFIN20080703_072722_000000362070_00035_33155_4434.N1	03-JUL-2008 07:27:22	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33155	No
105	GOM_NL__2PRFIN20080703_073255_000000362070_00035_33155_4435.N1	03-JUL-2008 07:32:55	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33155	No
106	GOM_NL__2PRFIN20080703_073514_000000362070_00035_33155_4436.N1	03-JUL-2008 07:35:14	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33155	No
107	GOM_NL__2PRFIN20080703_073803_000000372070_00035_33155_4437.N1	03-JUL-2008 07:38:03	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33155	No
108	GOM_NL__2PRFIN20080703_074044_000000362070_00035_33155_4438.N1	03-JUL-2008 07:40:44	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33155	No
109	GOM_NL__2PRFIN20080703_074637_000000382070_00035_33155_4439.N1	03-JUL-2008 07:46:37	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33155	No
110	GOM_NL__2PRFIN20080703_074907_000000362070_00035_33155_4440.N1	03-JUL-2008 07:49:07	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33155	No
111	GOM_NL__2PRFIN20080703_075310_000000342070_00035_33155_4441.N1	03-JUL-2008 07:53:10	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	33155	No
112	GOM_NL__2PRFIN20080703_075718_000000332070_00035_33155_4442.N1	03-JUL-2008 07:57:18	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33155	No
113	GOM_NL__2PRFIN20080703_080734_000000492070_00035_33155_4443.N1	03-JUL-2008 08:07:34	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	33155	No
114	GOM_NL__2PRFIN20080703_080920_000000542070_00035_33155_4444.N1	03-JUL-2008 08:09:20	Bright	54.000	175	39Del Per	3.0100	19400.	108	33155	No
115	GOM_NL__2PRFIN20080703_081619_000000392070_00035_33155_4445.N1	03-JUL-2008 08:16:19	Twilight	38.500	146	25Eta Tau	2.8730	15200.	77	33155	No
116	GOM_NL__2PRFIN20080703_082645_000000442070_00035_33155_4446.N1	03-JUL-2008 08:26:45	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	33155	No
117	GOM_NL__2PRFIN20080703_083515_000000372070_00035_33155_4447.N1	03-JUL-2008 08:35:15	Dark	36.500	157	The1Eri	2.9060	9300.0	73	33155	No
118	GOM_NL__2PRFIN20080703_084124_000000512070_00036_33156_4439.N1	03-JUL-2008 08:41:24	Dark	51.000	9	Alp Eri	0.45300	24000.	102	33156	No
119	GOM_NL__2PRFIN20080703_084554_000000362070_00036_33156_4440.N1	03-JUL-2008 08:45:54	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33156	No
120	GOM_NL__2PRFIN20080703_084855_000000412070_00036_33156_4441.N1	03-JUL-2008 08:48:55	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	33156	No
121	GOM_NL__2PRFIN20080703_085313_000000412070_00036_33156_4442.N1	03-JUL-2008 08:53:13	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33156	No
122	GOM_NL__2PRFIN20080703_085819_000000382070_00036_33156_4443.N1	03-JUL-2008 08:58:19	Twi_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33156	No
123	GOM_NL__2PRFIN20080703_090008_000000422070_00036_33156_4444.N1	03-JUL-2008 09:00:08	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	33156	No
124	GOM_NL__2PRFIN20080703_090148_000000432070_00036_33156_4445.N1	03-JUL-2008 09:01:48	Twi_and_stray	42.500	25	35Lam Sco	1.6200	28000.	85	33156	No
125	GOM_NL__2PRFIN20080703_090313_000000542070_00036_33156_4446.N1	03-JUL-2008 09:03:13	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	33156	No
126	GOM_NL__2PRFIN20080703_090425_000000542070_00036_33156_4447.N1	03-JUL-2008 09:04:25	Bright	54.000	137	22Lam Sgr	2.8240	4400.0	108	33156	No
127	GOM_NL__2PRFIN20080703_090758_000000362070_00036_33156_4448.N1	03-JUL-2008 09:07:58	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33156	No
128	GOM_NL__2PRFIN20080703_091331_000000372070_00036_33156_4449.N1	03-JUL-2008 09:13:31	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33156	No
129	GOM_NL__2PRFIN20080703_091550_000000372070_00036_33156_4450.N1	03-JUL-2008 09:15:50	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33156	No
130	GOM_NL__2PRFIN20080703_091839_000000372070_00036_33156_4451.N1	03-JUL-2008 09:18:39	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33156	No
131	GOM_NL__2PRFIN20080703_092120_000000372070_00036_33156_4452.N1	03-JUL-2008 09:21:20	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	33156	No
132	GOM_NL__2PRFIN20080703_092713_000000382070_00036_33156_4453.N1	03-JUL-2008 09:27:13	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	33156	No
133	GOM_NL__2PRFIN20080703_092943_000000362070_00036_33156_4454.N1	03-JUL-2008 09:29:43	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33156	No
134	GOM_NL__2PRFIN20080703_093346_000000372070_00036_33156_4455.N1	03-JUL-2008 09:33:46	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	33156	No
135	GOM_NL__2PRFIN20080703_093754_000000362070_00036_33156_4456.N1	03-JUL-2008 09:37:54	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33156	No
136	GOM_NL__2PRFIN20080703_094809_000000422070_00036_33156_4457.N1	03-JUL-2008 09:48:09	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	33156	No
137	GOM_NL__2PRFIN20080703_094956_000000542070_00036_33156_4458.N1	03-JUL-2008 09:49:56	Bright	54.000	175	39Del Per	3.0100	19400.	108	33156	No
138	GOM_NL__2PRFIN20080703_095210_000000342070_00036_33156_4459.N1	03-JUL-2008 09:52:10	Bright	33.500	149	45Eps Per	2.8880	30000.	67	33156	No
139	GOM_NL__2PRFIN20080703_095655_000000402070_00036_33156_4460.N1	03-JUL-2008 09:56:55	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	33156	No
140	GOM_NL__2PRFIN20080703_100721_000000432070_00036_33156_4461.N1	03-JUL-2008 10:07:21	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	33156	No
141	GOM_NL__2PRFIN20080703_101551_000000402070_00036_33156_4462.N1	03-JUL-2008 10:15:51	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33156	No
142	GOM_NL__2PRFIN20080703_102201_000000492070_00037_33157_4454.N1	03-JUL-2008 10:22:01	Dark	48.500	9	Alp Eri	0.45300	24000.	97	33157	No
143	GOM_NL__2PRFIN20080703_102630_000000372070_00037_33157_4455.N1	03-JUL-2008 10:26:30	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33157	No
144	GOM_NL__2PRFIN20080703_102932_000000422070_00037_33157_4456.N1	03-JUL-2008 10:29:32	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33157	No
145	GOM_NL__2PRFIN20080703_103349_000000422070_00037_33157_4457.N1	03-JUL-2008 10:33:49	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	33157	No
146	GOM_NL__2PRFIN20080703_103855_000000372070_00037_33157_4458.N1	03-JUL-2008 10:38:55	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33157	No
147	GOM_NL__2PRFIN20080703_104044_000000412070_00037_33157_4459.N1	03-JUL-2008 10:40:44	Twi_and_stray	40.500	40	The Sco	1.8590	7100.0	81	33157	No
148	GOM_NL__2PRFIN20080703_104224_000000412070_00037_33157_4460.N1	03-JUL-2008 10:42:24	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33157	No
149	GOM_NL__2PRFIN20080703_104350_000000492070_00037_33157_4461.N1	03-JUL-2008 10:43:50	Bright	48.500	116	19Del Sgr	2.7000	4100.0	97	33157	No
150	GOM_NL__2PRFIN20080703_104501_000000402070_00037_33157_4462.N1	03-JUL-2008 10:45:01	Bright	40.000	137	22Lam Sgr	2.8240	4400.0	80	33157	No
151	GOM_NL__2PRFIN20080703_104834_000000372070_00037_33157_4463.N1	03-JUL-2008 10:48:34	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33157	No
152	GOM_NL__2PRFIN20080703_105407_000000372070_00037_33157_4464.N1	03-JUL-2008 10:54:07	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33157	No
153	GOM_NL__2PRFIN20080703_105626_000000372070_00037_33157_4465.N1	03-JUL-2008 10:56:26	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33157	No
154	GOM_NL__2PRFIN20080703_105915_000000372070_00037_33157_4466.N1	03-JUL-2008 10:59:15	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33157	No
155	GOM_NL__2PRFIN20080703_110156_000000352070_00037_33157_4467.N1	03-JUL-2008 11:01:56	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33157	No
156	GOM_NL__2PRFIN20080703_110748_000000372070_00037_33157_4468.N1	03-JUL-2008 11:07:48	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33157	No
157	GOM_NL__2PRFIN20080703_111019_000000372070_00037_33157_4469.N1	03-JUL-2008 11:10:19	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33157	No
158	GOM_NL__2PRFIN20080703_111422_000000342070_00037_33157_4470.N1	03-JUL-2008 11:14:22	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	33157	No
159	GOM_NL__2PRFIN20080703_111830_000000362070_00037_33157_4471.N1	03-JUL-2008 11:18:30	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33157	No
160	GOM_NL__2PRFIN20080703_112845_000000482070_00037_33157_4472.N1	03-JUL-2008 11:28:45	Bright	47.500	160	23Gam Per	2.9300	4700.0	95	33157	No



161	GOM_NL__2PRFIN20080703_113032_000000342070_00037_33157_4473.N1	03-JUL-2008 11:30:32	Bright	34.000	175	39Del Per	3.0100	19400.	68	33157	No
162	GOM_NL__2PRFIN20080703_113246_000000342070_00037_33157_4474.N1	03-JUL-2008 11:32:46	Bright	34.000	149	45Eps Per	2.8880	30000.	68	33157	No
163	GOM_NL__2PRFIN20080703_113731_000000402070_00037_33157_4475.N1	03-JUL-2008 11:37:31	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33157	No
164	GOM_NL__2PRFIN20080703_114757_000000422070_00037_33157_4476.N1	03-JUL-2008 11:47:57	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	33157	No
165	GOM_NL__2PRFIN20080703_115628_000000402070_00037_33157_4477.N1	03-JUL-2008 11:56:28	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33157	No
166	GOM_NL__2PRFIN20080703_120237_000000412070_00038_33158_4467.N1	03-JUL-2008 12:02:37	Dark	40.500	9	Alp Eri	0.45300	24000.	81	33158	No
167	GOM_NL__2PRFIN20080703_120706_000000382070_00038_33158_4468.N1	03-JUL-2008 12:07:06	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33158	No
168	GOM_NL__2PRFIN20080703_121008_000000432070_00038_33158_4469.N1	03-JUL-2008 12:10:08	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	33158	No
169	GOM_NL__2PRFIN20080703_121426_000000402070_00038_33158_4470.N1	03-JUL-2008 12:14:26	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33158	No
170	GOM_NL__2PRFIN20080703_121931_000000392070_00038_33158_4471.N1	03-JUL-2008 12:19:31	Twi_and_stray	38.500	147	Alp Ara	2.8770	26000.	77	33158	No
171	GOM_NL__2PRFIN20080703_122120_000000402070_00038_33158_4472.N1	03-JUL-2008 12:21:20	Twi_and_stray	40.000	40	The Sco	1.8590	7100.0	80	33158	No
172	GOM_NL__2PRFIN20080703_122300_000000392070_00038_33158_4473.N1	03-JUL-2008 12:23:00	Twi_and_stray	38.500	25	35Lam Sco	1.6200	28000.	77	33158	No
173	GOM_NL__2PRFIN20080703_122426_000000542070_00038_33158_4474.N1	03-JUL-2008 12:24:26	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	33158	No
174	GOM_NL__2PRFIN20080703_122910_000000362070_00038_33158_4475.N1	03-JUL-2008 12:29:10	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33158	No
175	GOM_NL__2PRFIN20080703_123443_000000382070_00038_33158_4476.N1	03-JUL-2008 12:34:43	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33158	No
176	GOM_NL__2PRFIN20080703_123702_000000352070_00038_33158_4477.N1	03-JUL-2008 12:37:02	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	33158	No
177	GOM_NL__2PRFIN20080703_123951_000000362070_00038_33158_4478.N1	03-JUL-2008 12:39:51	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	33158	No
178	GOM_NL__2PRFIN20080703_124233_000000352070_00038_33158_4479.N1	03-JUL-2008 12:42:33	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33158	No
179	GOM_NL__2PRFIN20080703_124824_000000372070_00038_33158_4480.N1	03-JUL-2008 12:48:24	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	33158	No
180	GOM_NL__2PRFIN20080703_125055_000000352070_00038_33158_4481.N1	03-JUL-2008 12:50:55	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	33158	No
181	GOM_NL__2PRFIN20080703_125458_000000372070_00038_33158_4482.N1	03-JUL-2008 12:54:58	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33158	No
182	GOM_NL__2PRFIN20080703_125906_000000352070_00038_33158_4483.N1	03-JUL-2008 12:59:06	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	33158	No
183	GOM_NL__2PRFIN20080703_130921_000000372070_00038_33158_4484.N1	03-JUL-2008 13:09:21	Bright	37.000	160	23Gam Per	2.9300	4700.0	74	33158	No
184	GOM_NL__2PRFIN20080703_131108_000000352070_00038_33158_4485.N1	03-JUL-2008 13:11:08	Bright	34.500	175	39Del Per	3.0100	19400.	69	33158	No
185	GOM_NL__2PRFIN20080703_131322_000000352070_00038_33158_4486.N1	03-JUL-2008 13:13:22	Bright	34.500	149	45Eps Per	2.8880	30000.	69	33158	No
186	GOM_NL__2PRFIN20080703_131547_000000372070_00038_33158_4487.N1	03-JUL-2008 13:15:47	Bright	37.000	150	44Zet Per	2.8900	28000.	74	33158	No
187	GOM_NL__2PRFIN20080703_131807_000000412070_00038_33158_4488.N1	03-JUL-2008 13:18:07	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	33158	No
188	GOM_NL__2PRFIN20080703_132834_000000432070_00038_33158_4489.N1	03-JUL-2008 13:28:34	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	33158	No
189	GOM_NL__2PRFIN20080703_133704_000000402070_00038_33158_4490.N1	03-JUL-2008 13:37:04	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33158	No
190	GOM_NL__2PRFIN20080703_134314_000000402070_00039_33159_4475.N1	03-JUL-2008 13:43:14	Dark	40.000	9	Alp Eri	0.45300	24000.	80	33159	No
191	GOM_NL__2PRFIN20080703_134742_000000372070_00039_33159_4476.N1	03-JUL-2008 13:47:42	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33159	No
192	GOM_NL__2PRFIN20080703_135045_000000422070_00039_33159_4477.N1	03-JUL-2008 13:50:45	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33159	No
193	GOM_NL__2PRFIN20080703_135502_000000412070_00039_33159_4478.N1	03-JUL-2008 13:55:02	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33159	No
194	GOM_NL__2PRFIN20080703_140007_000000372070_00039_33159_4479.N1	03-JUL-2008 14:00:07	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	33159	No
195	GOM_NL__2PRFIN20080703_140156_000000412070_00039_33159_4480.N1	03-JUL-2008 14:01:56	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	33159	No
196	GOM_NL__2PRFIN20080703_140336_000000422070_00039_33159_4481.N1	03-JUL-2008 14:03:36	Twi_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	33159	No
197	GOM_NL__2PRFIN20080703_140502_000000402070_00039_33159_4482.N1	03-JUL-2008 14:05:02	Bright	40.000	116	19Del Sgr	2.7000	4100.0	80	33159	No
198	GOM_NL__2PRFIN20080703_140946_000000372070_00039_33159_4483.N1	03-JUL-2008 14:09:46	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33159	No
199	GOM_NL__2PRFIN20080703_141519_000000372070_00039_33159_4484.N1	03-JUL-2008 14:15:19	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33159	No
200	GOM_NL__2PRFIN20080703_141738_000000362070_00039_33159_4485.N1	03-JUL-2008 14:17:38	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33159	No
201	GOM_NL__2PRFIN20080703_142027_000000342070_00039_33159_4486.N1	03-JUL-2008 14:20:27	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	33159	No
202	GOM_NL__2PRFIN20080703_142308_000000342070_00039_33159_4487.N1	03-JUL-2008 14:23:08	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33159	No
203	GOM_NL__2PRFIN20080703_142900_000000342070_00039_33159_4488.N1	03-JUL-2008 14:29:00	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	33159	No
204	GOM_NL__2PRFIN20080703_143131_000000362070_00039_33159_4489.N1	03-JUL-2008 14:31:31	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33159	No
205	GOM_NL__2PRFIN20080703_143534_000000362070_00039_33159_4490.N1	03-JUL-2008 14:35:34	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33159	No
206	GOM_NL__2PRFIN20080703_143942_000000342070_00039_33159_4491.N1	03-JUL-2008 14:39:42	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33159	No
207	GOM_NL__2PRFIN20080703_144957_000000382070_00039_33159_4492.N1	03-JUL-2008 14:49:57	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	33159	No
208	GOM_NL__2PRFIN20080703_145144_000000342070_00039_33159_4493.N1	03-JUL-2008 14:51:44	Bright	34.000	175	39Del Per	3.0100	19400.	68	33159	No
209	GOM_NL__2PRFIN20080703_145359_000000342070_00039_33159_4494.N1	03-JUL-2008 14:53:59	Bright	33.500	149	45Eps Per	2.8880	30000.	67	33159	No
210	GOM_NL__2PRFIN20080703_145623_000000372070_00039_33159_4495.N1	03-JUL-2008 14:56:23	Bright	36.500	150	44Zet Per	2.8900	28000.	73	33159	No
211	GOM_NL__2PRFIN20080703_145843_000000402070_00039_33159_4496.N1	03-JUL-2008 14:58:43	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	33159	No
212	GOM_NL__2PRFIN20080703_150910_000000432070_00039_33159_4497.N1	03-JUL-2008 15:09:10	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	33159	No
213	GOM_NL__2PRFIN20080703_151740_000000392070_00039_33159_4498.N1	03-JUL-2008 15:17:40	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33159	No
214	GOM_NL__2PRFIN20080703_152350_000000492070_00040_33160_4497.N1	03-JUL-2008 15:23:50	Dark	49.000	9	Alp Eri	0.45300	24000.	98	33160	No
215	GOM_NL__2PRFIN20080703_152818_000000382070_00040_33160_4498.N1	03-JUL-2008 15:28:18	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	33160	No
216	GOM_NL__2PRFIN20080703_153121_000000412070_00040_33160_4499.N1	03-JUL-2008 15:31:21	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33160	No
217	GOM_NL__2PRFIN20080703_153538_000000402070_00040_33160_4500.N1	03-JUL-2008 15:35:38	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33160	No
218	GOM_NL__2PRFIN20080703_154043_000000372070_00040_33160_4501.N1	03-JUL-2008 15:40:43	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	33160	No
219	GOM_NL__2PRFIN20080703_154232_000000382070_00040_33160_4502.N1	03-JUL-2008 15:42:32	Twi_and_stray	38.000	40	The Sco	1.8590	7100.0	76	33160	No



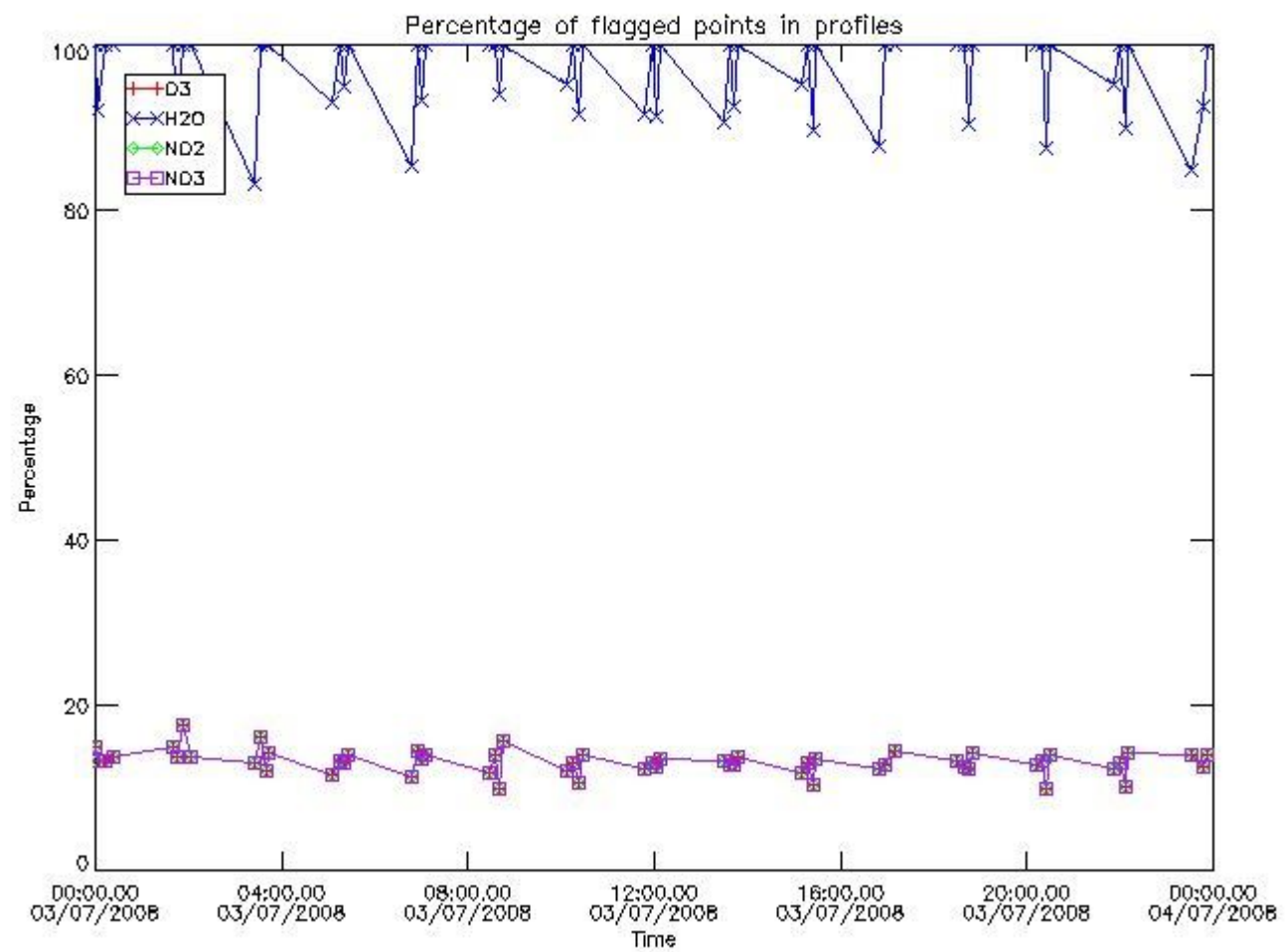
220	GOM_NL__2PRFIN20080703_154412_000000382070_00040_33160_4503.N1	03-JUL-2008 15:44:12	Twilight	38.000	25	35Lam Sco	1.6200	28000.	76	33160	No
221	GOM_NL__2PRFIN20080703_154538_000000462070_00040_33160_4504.N1	03-JUL-2008 15:45:38	Bright	45.500	116	19Del Sgr	2.7000	4100.0	91	33160	No
222	GOM_NL__2PRFIN20080703_155022_000000372070_00040_33160_4505.N1	03-JUL-2008 15:50:22	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33160	No
223	GOM_NL__2PRFIN20080703_155555_000000362070_00040_33160_4506.N1	03-JUL-2008 15:55:55	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33160	No
224	GOM_NL__2PRFIN20080703_155813_000000382070_00040_33160_4507.N1	03-JUL-2008 15:58:13	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33160	No
225	GOM_NL__2PRFIN20080703_160103_000000352070_00040_33160_4508.N1	03-JUL-2008 16:01:03	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33160	No
226	GOM_NL__2PRFIN20080703_160344_000000352070_00040_33160_4509.N1	03-JUL-2008 16:03:44	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33160	No
227	GOM_NL__2PRFIN20080703_160936_000000372070_00040_33160_4510.N1	03-JUL-2008 16:09:36	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33160	No
228	GOM_NL__2PRFIN20080703_161207_000000342070_00040_33160_4511.N1	03-JUL-2008 16:12:07	Bright	33.500	119	14Eta Dra	2.7270	4700.0	67	33160	No
229	GOM_NL__2PRFIN20080703_161610_000000332070_00040_33160_4512.N1	03-JUL-2008 16:16:10	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	33160	No
230	GOM_NL__2PRFIN20080703_162018_000000362070_00040_33160_4513.N1	03-JUL-2008 16:20:18	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33160	No
231	GOM_NL__2PRFIN20080703_163033_000000372070_00040_33160_4514.N1	03-JUL-2008 16:30:33	Bright	36.500	160	23Gam Per	2.9300	4700.0	73	33160	No
232	GOM_NL__2PRFIN20080703_163220_000000352070_00040_33160_4515.N1	03-JUL-2008 16:32:20	Bright	34.500	175	39Del Per	3.0100	19400.	69	33160	No
233	GOM_NL__2PRFIN20080703_163435_000000332070_00040_33160_4516.N1	03-JUL-2008 16:34:35	Bright	33.000	149	45Eps Per	2.8880	30000.	66	33160	No
234	GOM_NL__2PRFIN20080703_163659_000000382070_00040_33160_4517.N1	03-JUL-2008 16:36:59	Bright	38.000	150	44Zet Per	2.8900	28000.	76	33160	No
235	GOM_NL__2PRFIN20080703_163920_000000402070_00040_33160_4518.N1	03-JUL-2008 16:39:20	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33160	No
236	GOM_NL__2PRFIN20080703_164946_000000422070_00040_33160_4519.N1	03-JUL-2008 16:49:46	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	33160	No
237	GOM_NL__2PRFIN20080703_165817_000000402070_00040_33160_4520.N1	03-JUL-2008 16:58:17	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33160	No
238	GOM_NL__2PRFIN20080703_170854_000000362070_00041_33161_4515.N1	03-JUL-2008 17:08:54	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	33161	No
239	GOM_NL__2PRFIN20080703_171158_000000412070_00041_33161_4516.N1	03-JUL-2008 17:11:58	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33161	No
240	GOM_NL__2PRFIN20080703_171615_000000402070_00041_33161_4517.N1	03-JUL-2008 17:16:15	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33161	No
241	GOM_NL__2PRFIN20080703_172120_000000382070_00041_33161_4518.N1	03-JUL-2008 17:21:20	Twilight	38.000	147	Alp Ara	2.8770	26000.	76	33161	No
242	GOM_NL__2PRFIN20080703_172308_000000392070_00041_33161_4519.N1	03-JUL-2008 17:23:08	Twilight	38.500	40	The Sco	1.8590	7100.0	77	33161	No
243	GOM_NL__2PRFIN20080703_172448_000000412070_00041_33161_4520.N1	03-JUL-2008 17:24:48	Twilight	41.000	25	35Lam Sco	1.6200	28000.	82	33161	No
244	GOM_NL__2PRFIN20080703_172614_000000502070_00041_33161_4521.N1	03-JUL-2008 17:26:14	Bright	50.000	116	19Del Sgr	2.7000	4100.0	100	33161	No
245	GOM_NL__2PRFIN20080703_173058_000000362070_00041_33161_4522.N1	03-JUL-2008 17:30:58	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33161	No
246	GOM_NL__2PRFIN20080703_173631_000000382070_00041_33161_4523.N1	03-JUL-2008 17:36:31	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33161	No
247	GOM_NL__2PRFIN20080703_173849_000000372070_00041_33161_4524.N1	03-JUL-2008 17:38:49	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33161	No
248	GOM_NL__2PRFIN20080703_174139_000000372070_00041_33161_4525.N1	03-JUL-2008 17:41:39	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33161	No
249	GOM_NL__2PRFIN20080703_174421_000000362070_00041_33161_4526.N1	03-JUL-2008 17:44:21	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33161	No
250	GOM_NL__2PRFIN20080703_175012_000000382070_00041_33161_4527.N1	03-JUL-2008 17:50:12	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	33161	No
251	GOM_NL__2PRFIN20080703_175243_000000522070_00041_33161_4528.N1	03-JUL-2008 17:52:43	Bright	52.000	119	14Eta Dra	2.7270	4700.0	104	33161	No
252	GOM_NL__2PRFIN20080703_175646_000000352070_00041_33161_4529.N1	03-JUL-2008 17:56:46	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	33161	No
253	GOM_NL__2PRFIN20080703_180054_000000362070_00041_33161_4530.N1	03-JUL-2008 18:00:54	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33161	No
254	GOM_NL__2PRFIN20080703_181109_000000382070_00041_33161_4531.N1	03-JUL-2008 18:11:09	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	33161	No
255	GOM_NL__2PRFIN20080703_181256_000000362070_00041_33161_4532.N1	03-JUL-2008 18:12:56	Bright	35.500	175	39Del Per	3.0100	19400.	71	33161	No
256	GOM_NL__2PRFIN20080703_181511_000000542070_00041_33161_4533.N1	03-JUL-2008 18:15:11	Bright	54.000	149	45Eps Per	2.8880	30000.	108	33161	No
257	GOM_NL__2PRFIN20080703_181735_000000372070_00041_33161_4534.N1	03-JUL-2008 18:17:35	Bright	37.000	150	44Zet Per	2.8900	28000.	74	33161	No
258	GOM_NL__2PRFIN20080703_181956_000000402070_00041_33161_4535.N1	03-JUL-2008 18:19:56	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33161	No
259	GOM_NL__2PRFIN20080703_183022_000000392070_00041_33161_4536.N1	03-JUL-2008 18:30:22	Dark	38.500	165	34Gam Eri	2.9500	3200.0	77	33161	No
260	GOM_NL__2PRFIN20080703_183853_000000412070_00041_33161_4537.N1	03-JUL-2008 18:38:53	Dark	40.500	157	The1Eri	2.9060	9300.0	81	33161	No
261	GOM_NL__2PRFIN20080703_184503_000000422070_00042_33162_4529.N1	03-JUL-2008 18:45:03	Dark	41.500	9	Alp Eri	0.45300	24000.	83	33162	No
262	GOM_NL__2PRFIN20080703_184931_000000362070_00042_33162_4530.N1	03-JUL-2008 18:49:31	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33162	No
263	GOM_NL__2PRFIN20080703_185234_000000432070_00042_33162_4531.N1	03-JUL-2008 18:52:34	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	33162	No
264	GOM_NL__2PRFIN20080703_185651_000000382070_00042_33162_4532.N1	03-JUL-2008 18:56:51	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	33162	No
265	GOM_NL__2PRFIN20080703_190156_000000372070_00042_33162_4533.N1	03-JUL-2008 19:01:56	Twilight	37.000	147	Alp Ara	2.8770	26000.	74	33162	No
266	GOM_NL__2PRFIN20080703_190345_000000402070_00042_33162_4534.N1	03-JUL-2008 19:03:45	Twilight	40.000	40	The Sco	1.8590	7100.0	80	33162	No
267	GOM_NL__2PRFIN20080703_190524_000000422070_00042_33162_4535.N1	03-JUL-2008 19:05:24	Twilight	41.500	25	35Lam Sco	1.6200	28000.	83	33162	No
268	GOM_NL__2PRFIN20080703_190650_000000462070_00042_33162_4536.N1	03-JUL-2008 19:06:50	Bright	45.500	116	19Del Sgr	2.7000	4100.0	91	33162	No
269	GOM_NL__2PRFIN20080703_191134_000000362070_00042_33162_4537.N1	03-JUL-2008 19:11:34	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	33162	No
270	GOM_NL__2PRFIN20080703_191707_000000382070_00042_33162_4538.N1	03-JUL-2008 19:17:07	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	33162	No
271	GOM_NL__2PRFIN20080703_191925_000000372070_00042_33162_4539.N1	03-JUL-2008 19:19:25	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33162	No
272	GOM_NL__2PRFIN20080703_192215_000000372070_00042_33162_4540.N1	03-JUL-2008 19:22:15	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33162	No
273	GOM_NL__2PRFIN20080703_192457_000000342070_00042_33162_4541.N1	03-JUL-2008 19:24:57	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33162	No
274	GOM_NL__2PRFIN20080703_193047_000000382070_00042_33162_4542.N1	03-JUL-2008 19:30:47	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33162	No
275	GOM_NL__2PRFIN20080703_193319_000000362070_00042_33162_4543.N1	03-JUL-2008 19:33:19	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33162	No
276	GOM_NL__2PRFIN20080703_193723_000000372070_00042_33162_4544.N1	03-JUL-2008 19:37:23	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33162	No
277	GOM_NL__2PRFIN20080703_194130_000000362070_00042_33162_4545.N1	03-JUL-2008 19:41:30	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33162	No
278	GOM_NL__2PRFIN20080703_195145_000000382070_00042_33162_4546.N1	03-JUL-2008 19:51:45	Bright	38.000	160	23Gam Per	2.9300	4700.0	76	33162	No

279	GOM_NL__2PRFIN20080703_195332_000000342070_00042_33162_4547.N1	03-JUL-2008 19:53:32	Bright	34.000	175	39Del Per	3.0100	19400.	68	33162	No
280	GOM_NL__2PRFIN20080703_195547_000000332070_00042_33162_4548.N1	03-JUL-2008 19:55:47	Bright	32.500	149	45Eps Per	2.8880	30000.	65	33162	No
281	GOM_NL__2PRFIN20080703_195811_000000372070_00042_33162_4549.N1	03-JUL-2008 19:58:11	Bright	36.500	150	44Zet Per	2.8900	28000.	73	33162	No
282	GOM_NL__2PRFIN20080703_200032_000000402070_00042_33162_4550.N1	03-JUL-2008 20:00:32	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33162	No
283	GOM_NL__2PRFIN20080703_201059_000000402070_00042_33162_4551.N1	03-JUL-2008 20:10:59	Dark	40.000	165	34Gam Eri	2.9500	3200.0	80	33162	No
284	GOM_NL__2PRFIN20080703_201930_000000392070_00042_33162_4552.N1	03-JUL-2008 20:19:30	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33162	No
285	GOM_NL__2PRFIN20080703_202540_000000522070_00043_33163_4543.N1	03-JUL-2008 20:25:40	Dark	52.000	9	Alp Eri	0.45300	24000.	104	33163	No
286	GOM_NL__2PRFIN20080703_203007_000000372070_00043_33163_4544.N1	03-JUL-2008 20:30:07	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33163	No
287	GOM_NL__2PRFIN20080703_203311_000000432070_00043_33163_4545.N1	03-JUL-2008 20:33:11	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	33163	No
288	GOM_NL__2PRFIN20080703_203728_000000392070_00043_33163_4546.N1	03-JUL-2008 20:37:28	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	33163	No
289	GOM_NL__2PRFIN20080703_204232_000000372070_00043_33163_4547.N1	03-JUL-2008 20:42:32	Tw_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	33163	No
290	GOM_NL__2PRFIN20080703_204421_000000402070_00043_33163_4548.N1	03-JUL-2008 20:44:21	Tw_and_stray	39.500	40	The Sco	1.8590	7100.0	79	33163	No
291	GOM_NL__2PRFIN20080703_204600_000000392070_00043_33163_4549.N1	03-JUL-2008 20:46:00	Tw_and_stray	39.000	25	35Lam Sco	1.6200	28000.	78	33163	No
292	GOM_NL__2PRFIN20080703_204727_000000452070_00043_33163_4550.N1	03-JUL-2008 20:47:27	Bright	45.000	116	19Del Sgr	2.7000	4100.0	90	33163	No
293	GOM_NL__2PRFIN20080703_205210_000000372070_00043_33163_4551.N1	03-JUL-2008 20:52:10	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33163	No
294	GOM_NL__2PRFIN20080703_205743_000000372070_00043_33163_4552.N1	03-JUL-2008 20:57:43	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33163	No
295	GOM_NL__2PRFIN20080703_210001_000000362070_00043_33163_4553.N1	03-JUL-2008 21:00:01	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33163	No
296	GOM_NL__2PRFIN20080703_210252_000000372070_00043_33163_4554.N1	03-JUL-2008 21:02:52	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33163	No
297	GOM_NL__2PRFIN20080703_210533_000000352070_00043_33163_4555.N1	03-JUL-2008 21:05:33	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33163	No
298	GOM_NL__2PRFIN20080703_211123_000000532070_00043_33163_4556.N1	03-JUL-2008 21:11:23	Bright	53.000	130	23Bet Dra	2.7990	5800.0	106	33163	No
299	GOM_NL__2PRFIN20080703_211355_000000372070_00043_33163_4557.N1	03-JUL-2008 21:13:55	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33163	No
300	GOM_NL__2PRFIN20080703_211759_000000372070_00043_33163_4558.N1	03-JUL-2008 21:17:59	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33163	No
301	GOM_NL__2PRFIN20080703_212206_000000362070_00043_33163_4559.N1	03-JUL-2008 21:22:06	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33163	No
302	GOM_NL__2PRFIN20080703_213220_000000372070_00043_33163_4560.N1	03-JUL-2008 21:32:20	Bright	37.000	160	23Gam Per	2.9300	4700.0	74	33163	No
303	GOM_NL__2PRFIN20080703_213408_000000352070_00043_33163_4561.N1	03-JUL-2008 21:34:08	Bright	34.500	175	39Del Per	3.0100	19400.	69	33163	No
304	GOM_NL__2PRFIN20080703_213623_000000362070_00043_33163_4562.N1	03-JUL-2008 21:36:23	Bright	35.500	149	45Eps Per	2.8880	30000.	71	33163	No
305	GOM_NL__2PRFIN20080703_213847_000000362070_00043_33163_4563.N1	03-JUL-2008 21:38:47	Bright	35.500	150	44Zet Per	2.8900	28000.	71	33163	No
306	GOM_NL__2PRFIN20080703_214108_000000392070_00043_33163_4564.N1	03-JUL-2008 21:41:08	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	33163	No
307	GOM_NL__2PRFIN20080703_215135_000000422070_00043_33163_4565.N1	03-JUL-2008 21:51:35	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	33163	No
308	GOM_NL__2PRFIN20080703_220006_000000402070_00043_33163_4566.N1	03-JUL-2008 22:00:06	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33163	No
309	GOM_NL__2PRFIN20080703_220616_000000502070_00044_33164_4550.N1	03-JUL-2008 22:06:16	Dark	50.000	9	Alp Eri	0.45300	24000.	100	33164	No
310	GOM_NL__2PRFIN20080703_221043_000000362070_00044_33164_4551.N1	03-JUL-2008 22:10:43	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33164	No
311	GOM_NL__2PRFIN20080703_221347_000000422070_00044_33164_4552.N1	03-JUL-2008 22:13:47	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33164	No
312	GOM_NL__2PRFIN20080703_221804_000000402070_00044_33164_4553.N1	03-JUL-2008 22:18:04	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33164	No
313	GOM_NL__2PRFIN20080703_222308_000000382070_00044_33164_4554.N1	03-JUL-2008 22:23:08	Tw_and_stray	37.500	147	Alp Ara	2.8770	26000.	75	33164	No
314	GOM_NL__2PRFIN20080703_222457_000000412070_00044_33164_4555.N1	03-JUL-2008 22:24:57	Tw_and_stray	40.500	40	The Sco	1.8590	7100.0	81	33164	No
315	GOM_NL__2PRFIN20080703_222636_000000422070_00044_33164_4556.N1	03-JUL-2008 22:26:36	Tw_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	33164	No
316	GOM_NL__2PRFIN20080703_222803_000000412070_00044_33164_4557.N1	03-JUL-2008 22:28:03	Bright	41.000	116	19Del Sgr	2.7000	4100.0	82	33164	No
317	GOM_NL__2PRFIN20080703_223246_000000362070_00044_33164_4558.N1	03-JUL-2008 22:32:46	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	33164	No
318	GOM_NL__2PRFIN20080703_223818_000000362070_00044_33164_4559.N1	03-JUL-2008 22:38:18	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33164	No
319	GOM_NL__2PRFIN20080703_224037_000000372070_00044_33164_4560.N1	03-JUL-2008 22:40:37	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33164	No
320	GOM_NL__2PRFIN20080703_224328_000000372070_00044_33164_4561.N1	03-JUL-2008 22:43:28	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33164	No
321	GOM_NL__2PRFIN20080703_224609_000000352070_00044_33164_4562.N1	03-JUL-2008 22:46:09	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33164	No
322	GOM_NL__2PRFIN20080703_225159_000000342070_00044_33164_4563.N1	03-JUL-2008 22:51:59	Bright	34.000	130	23Bet Dra	2.7990	5800.0	68	33164	No
323	GOM_NL__2PRFIN20080703_225431_000000372070_00044_33164_4564.N1	03-JUL-2008 22:54:31	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33164	No
324	GOM_NL__2PRFIN20080703_225835_000000372070_00044_33164_4565.N1	03-JUL-2008 22:58:35	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33164	No
325	GOM_NL__2PRFIN20080703_230241_000000332070_00044_33164_4566.N1	03-JUL-2008 23:02:41	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	33164	No
326	GOM_NL__2PRFIN20080703_231256_000000572070_00044_33164_4567.N1	03-JUL-2008 23:12:56	Bright	57.000	160	23Gam Per	2.9300	4700.0	114	33164	No
327	GOM_NL__2PRFIN20080703_231444_000000542070_00044_33164_4568.N1	03-JUL-2008 23:14:44	Bright	54.000	175	39Del Per	3.0100	19400.	108	33164	No
328	GOM_NL__2PRFIN20080703_231659_000000362070_00044_33164_4569.N1	03-JUL-2008 23:16:59	Bright	36.000	149	45Eps Per	2.8880	30000.	72	33164	No
329	GOM_NL__2PRFIN20080703_231923_000000382070_00044_33164_4570.N1	03-JUL-2008 23:19:23	Bright	38.000	150	44Zet Per	2.8900	28000.	76	33164	No
330	GOM_NL__2PRFIN20080703_232144_000000432070_00044_33164_4571.N1	03-JUL-2008 23:21:44	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	33164	No
331	GOM_NL__2PRFIN20080703_233211_000000362070_00044_33164_4572.N1	03-JUL-2008 23:32:11	Dark	36.000	165	34Gam Eri	2.9500	3200.0	72	33164	No
332	GOM_NL__2PRFIN20080703_234652_000000412070_00045_33165_4578.N1	03-JUL-2008 23:46:52	Dark	40.500	9	Alp Eri	0.45300	24000.	81	33165	No
333	GOM_NL__2PRFIN20080703_235119_000000372070_00045_33165_4579.N1	03-JUL-2008 23:51:19	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33165	No
334	GOM_NL__2PRFIN20080703_235424_000000422070_00045_33165_4580.N1	03-JUL-2008 23:54:24	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33165	No
335	GOM_NL__2PRFIN20080703_235840_000000412070_00045_33165_4581.N1	03-JUL-2008 23:58:40	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33165	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.

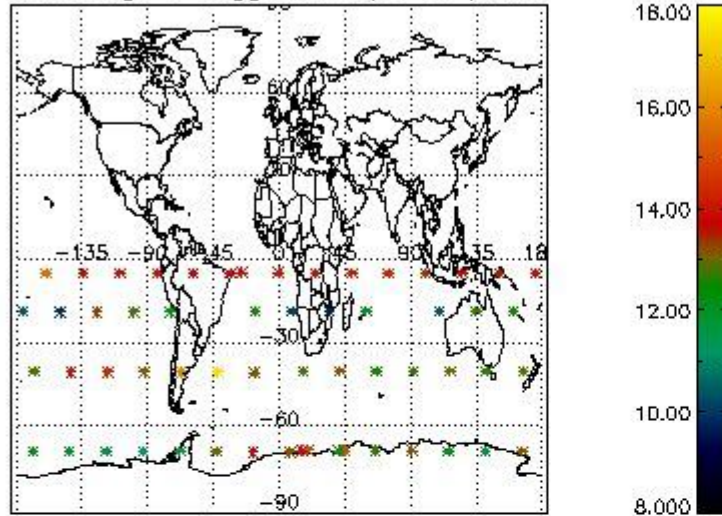
#### 3.1 Plot quality information per product (time dependant)



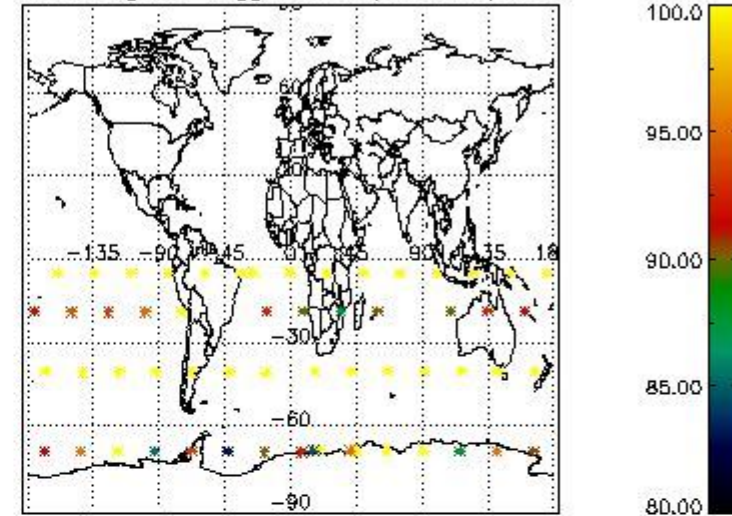
#### 3.2 Plot quality information per product (world map)



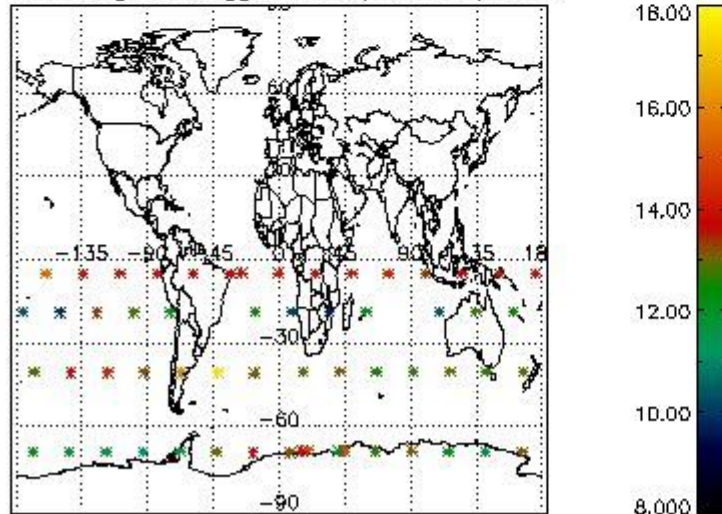
Percentage of flagged data per O3 profile



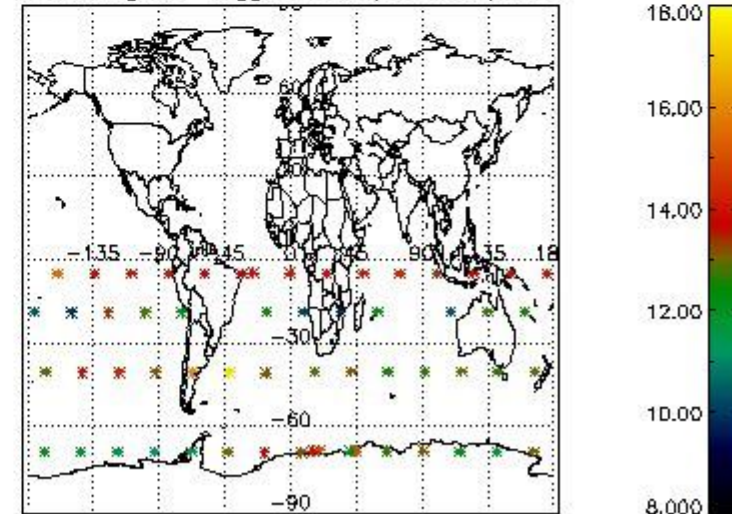
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



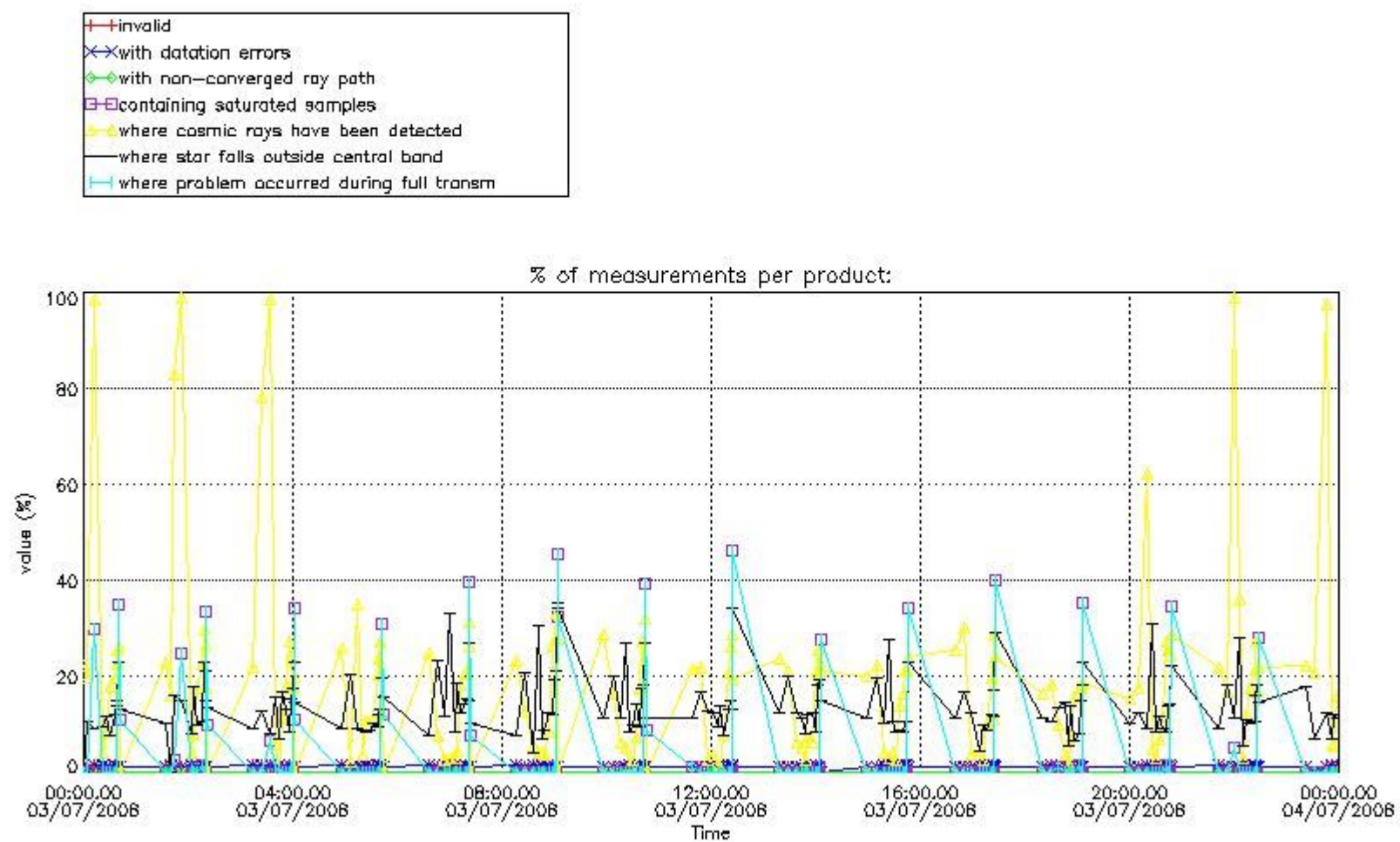
#### 4. Level 1 quality information per product

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.

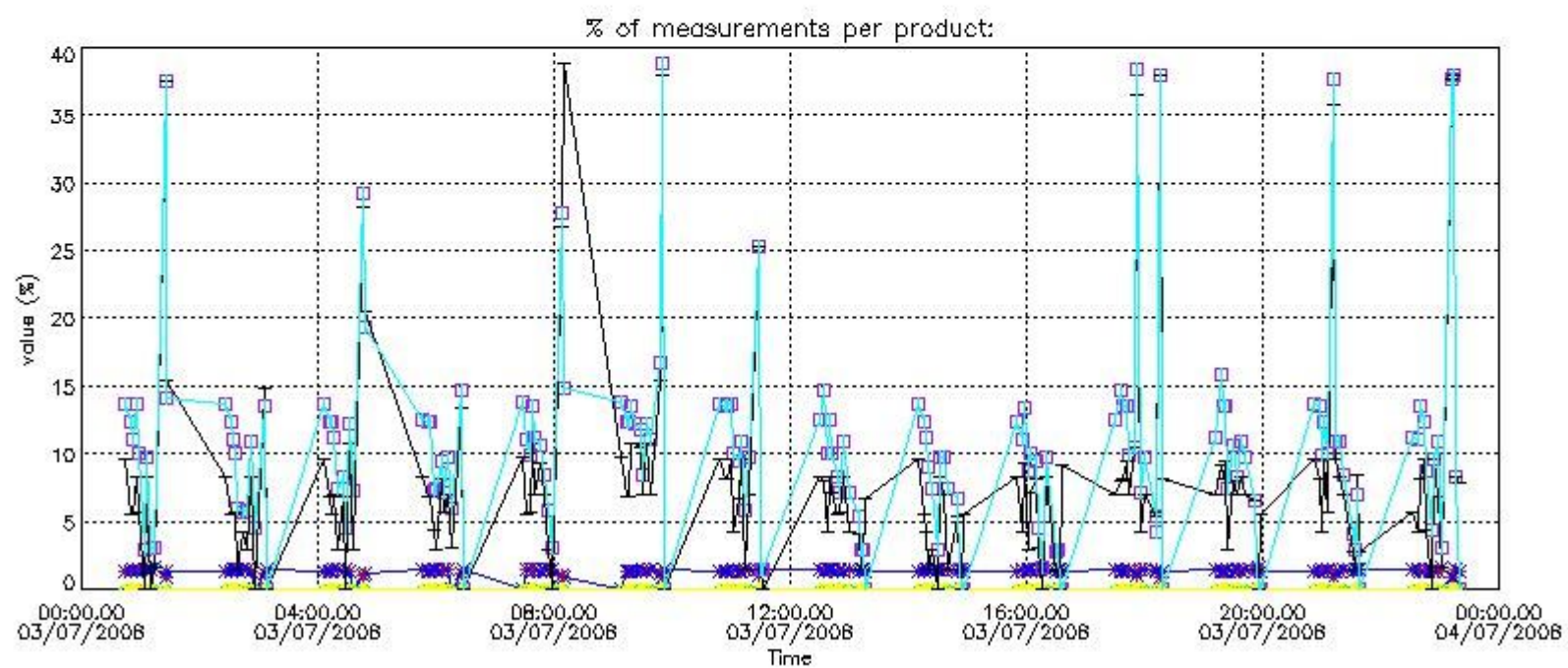
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





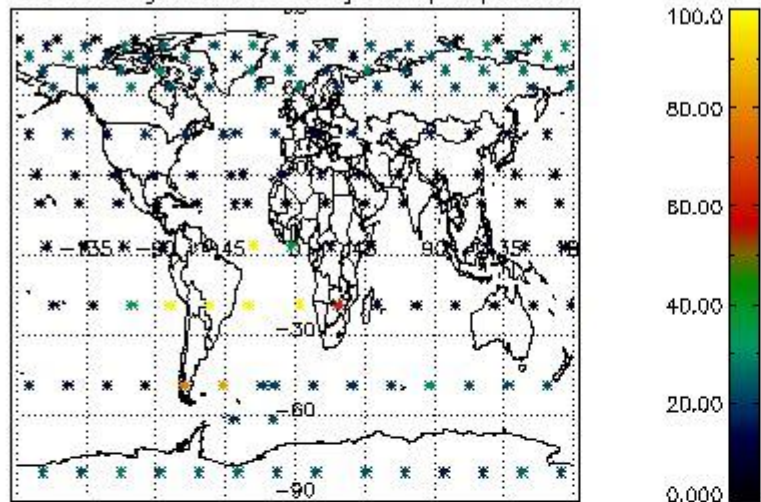
4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



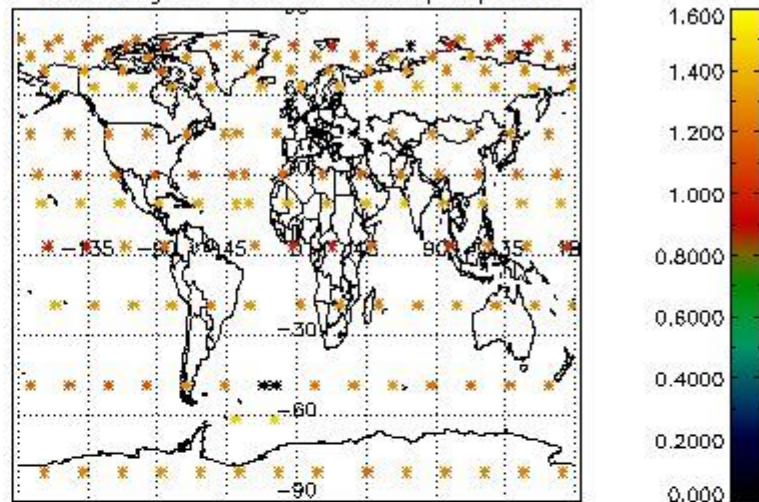
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

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

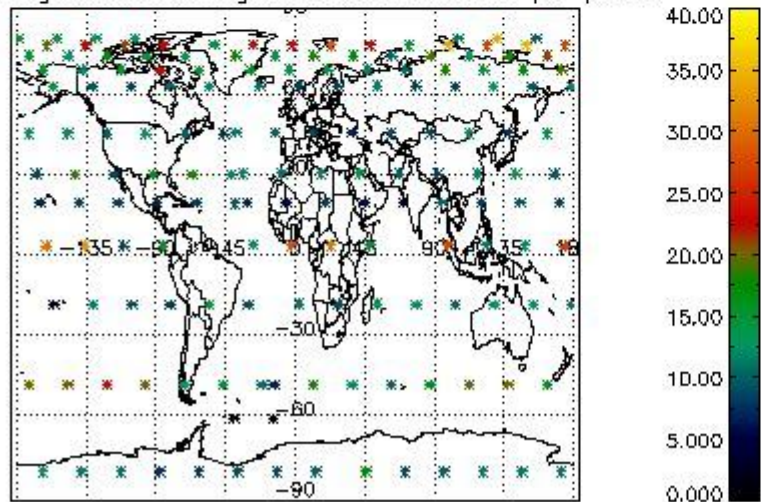
Percentage of cosmic ray hits per profile



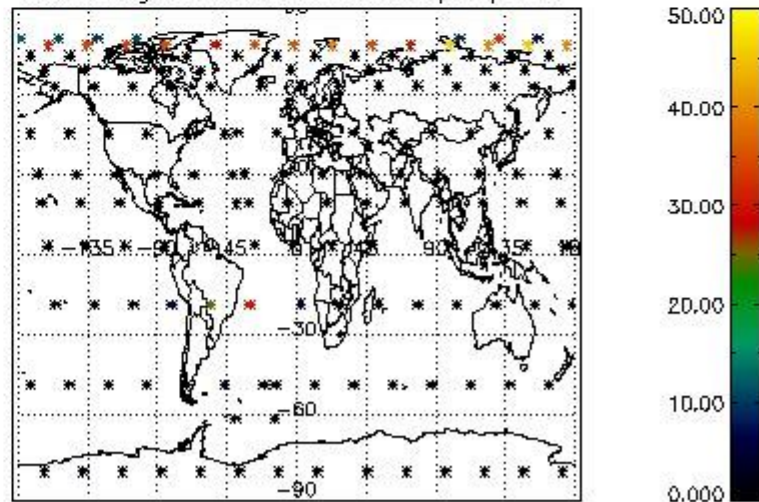
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

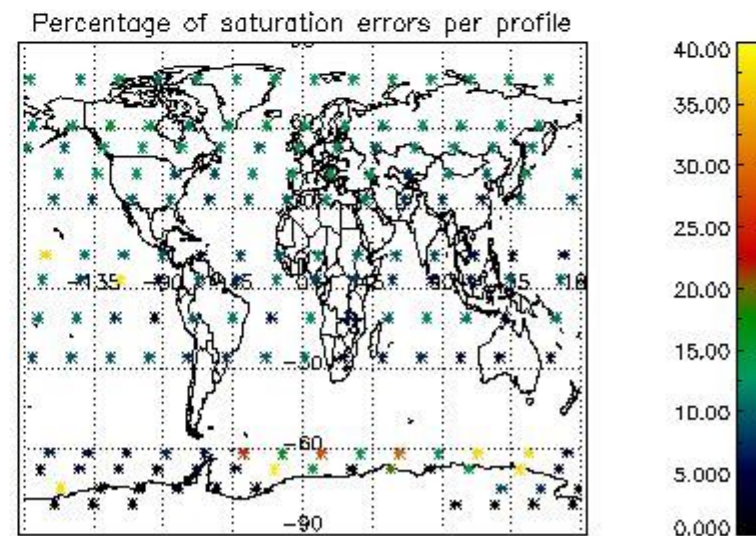
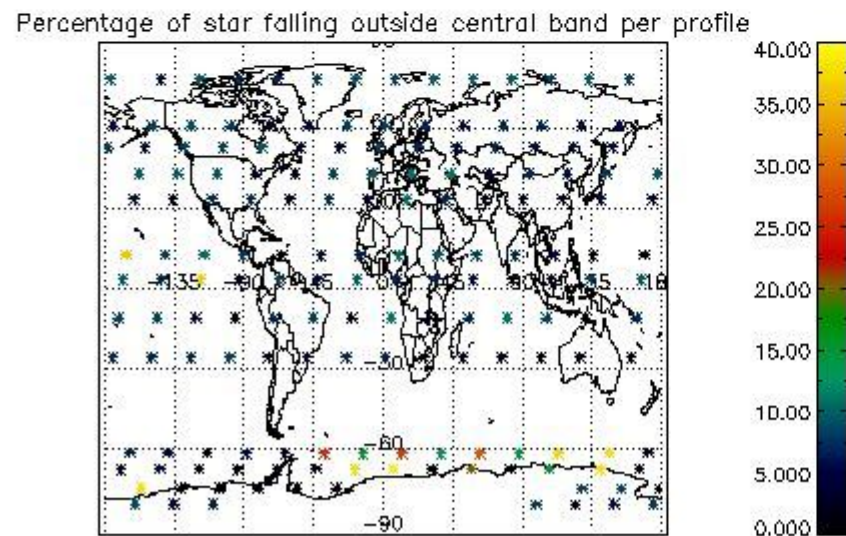
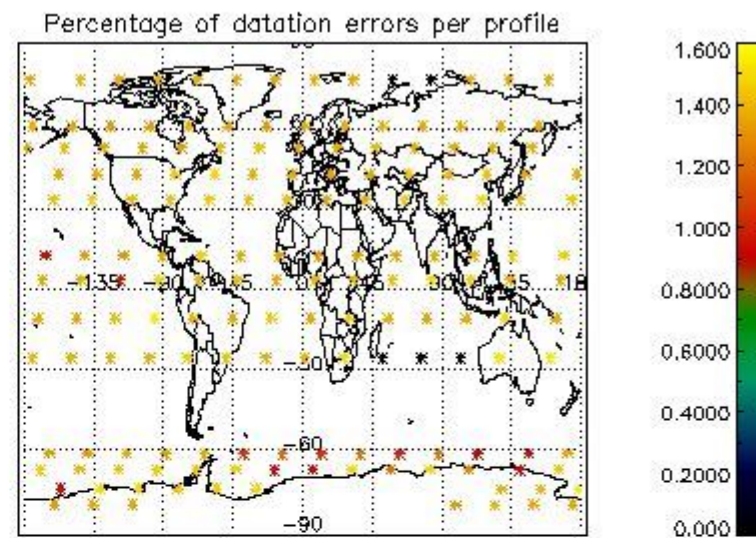
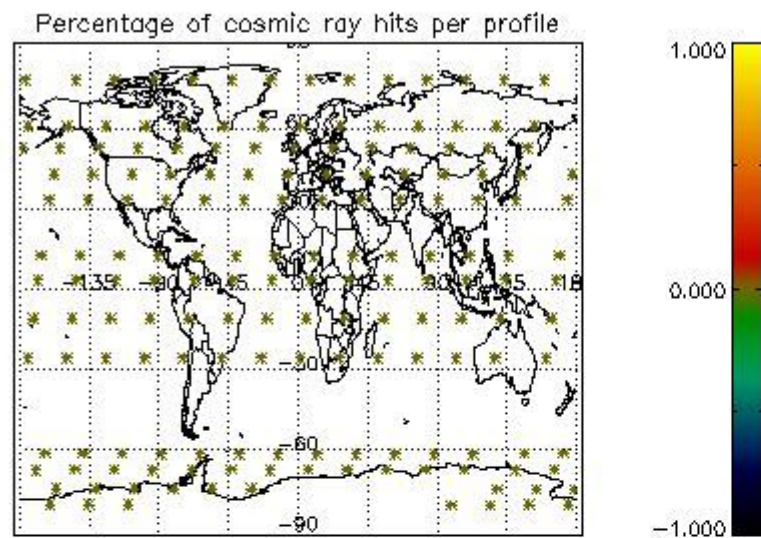


Percentage of saturation errors per profile



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.

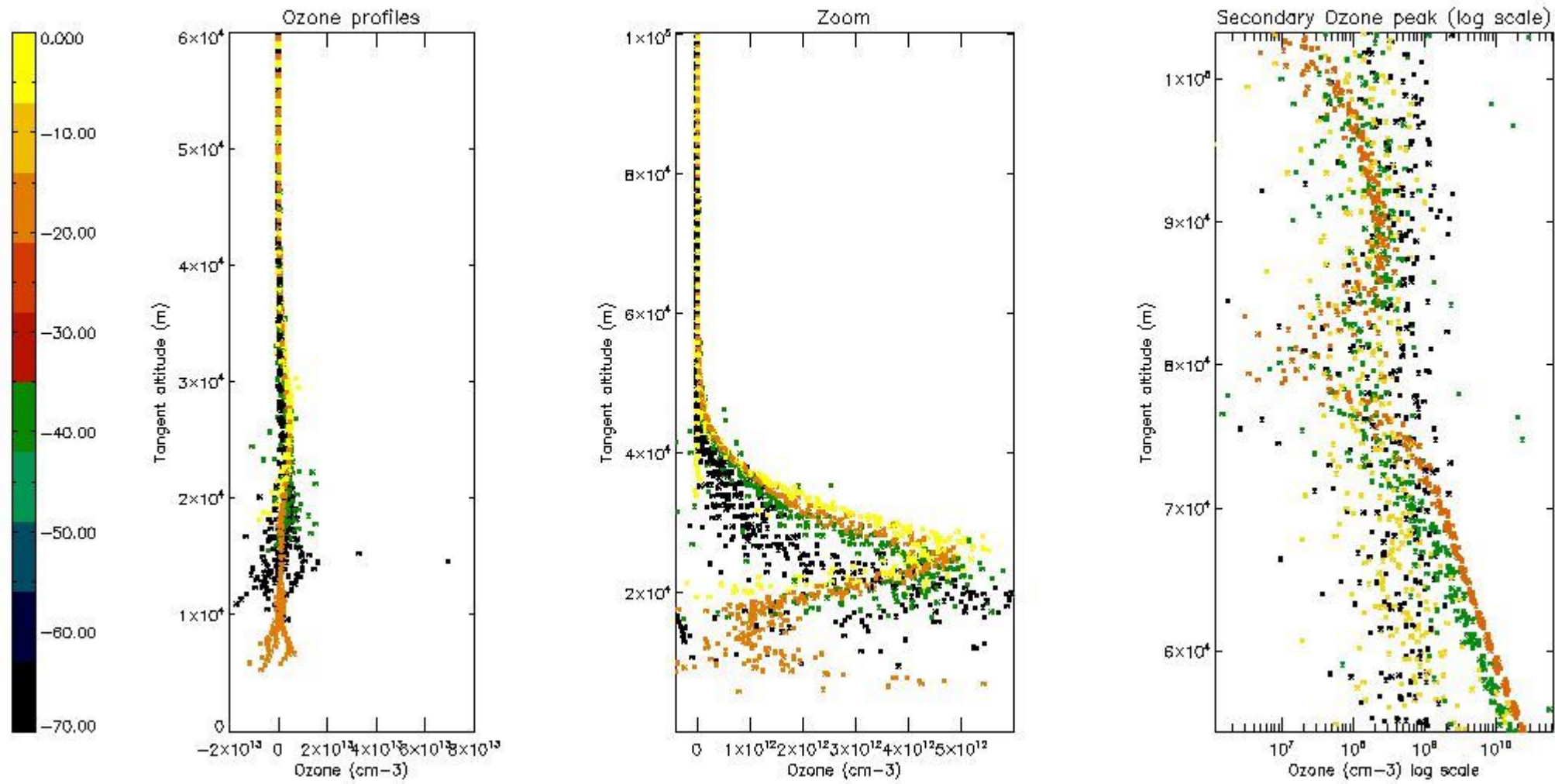
Criteria	% of total production
All STD	19
STD < 20	7



STD < 10	4
STD < 5	2

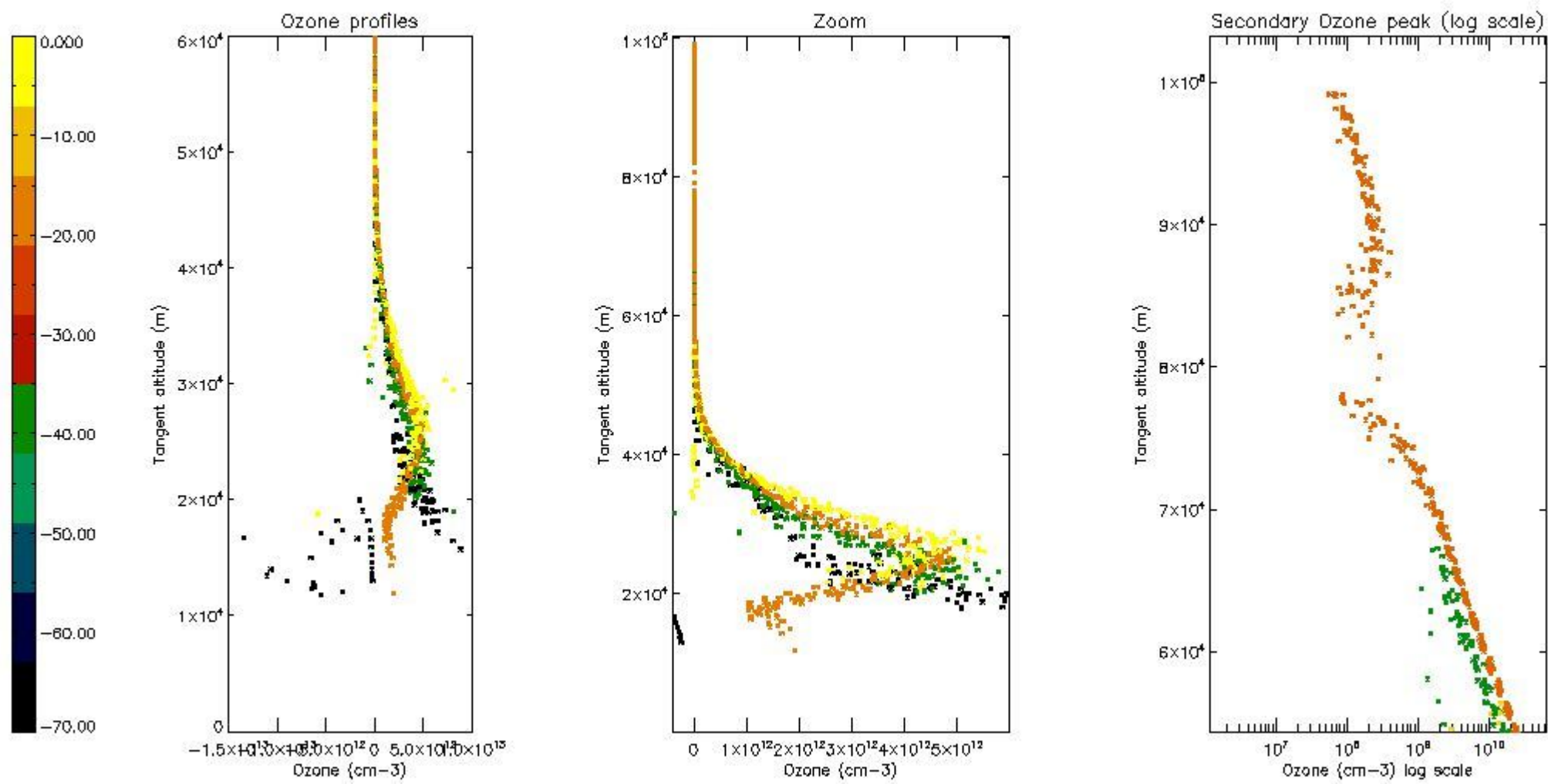
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



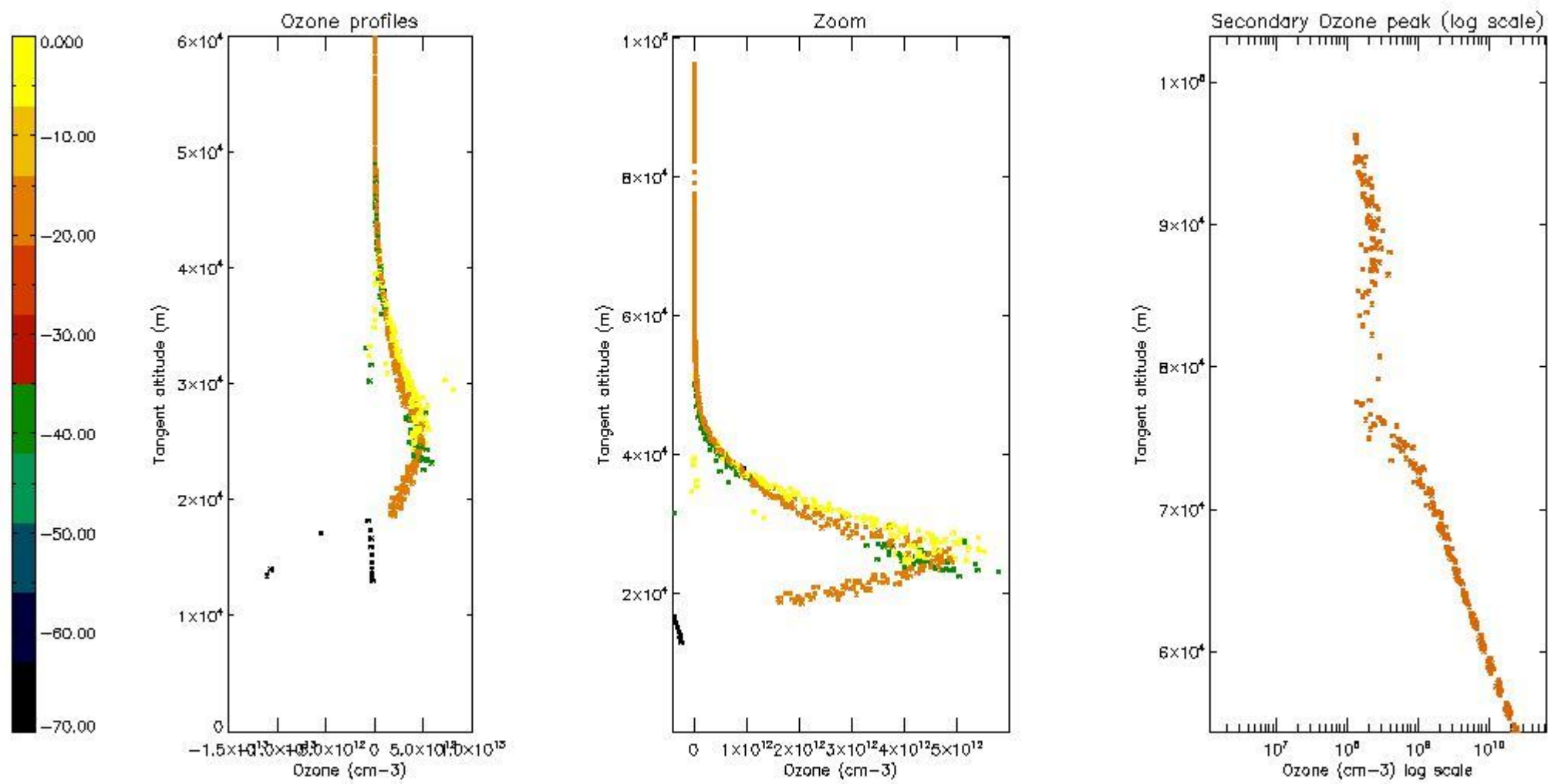
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



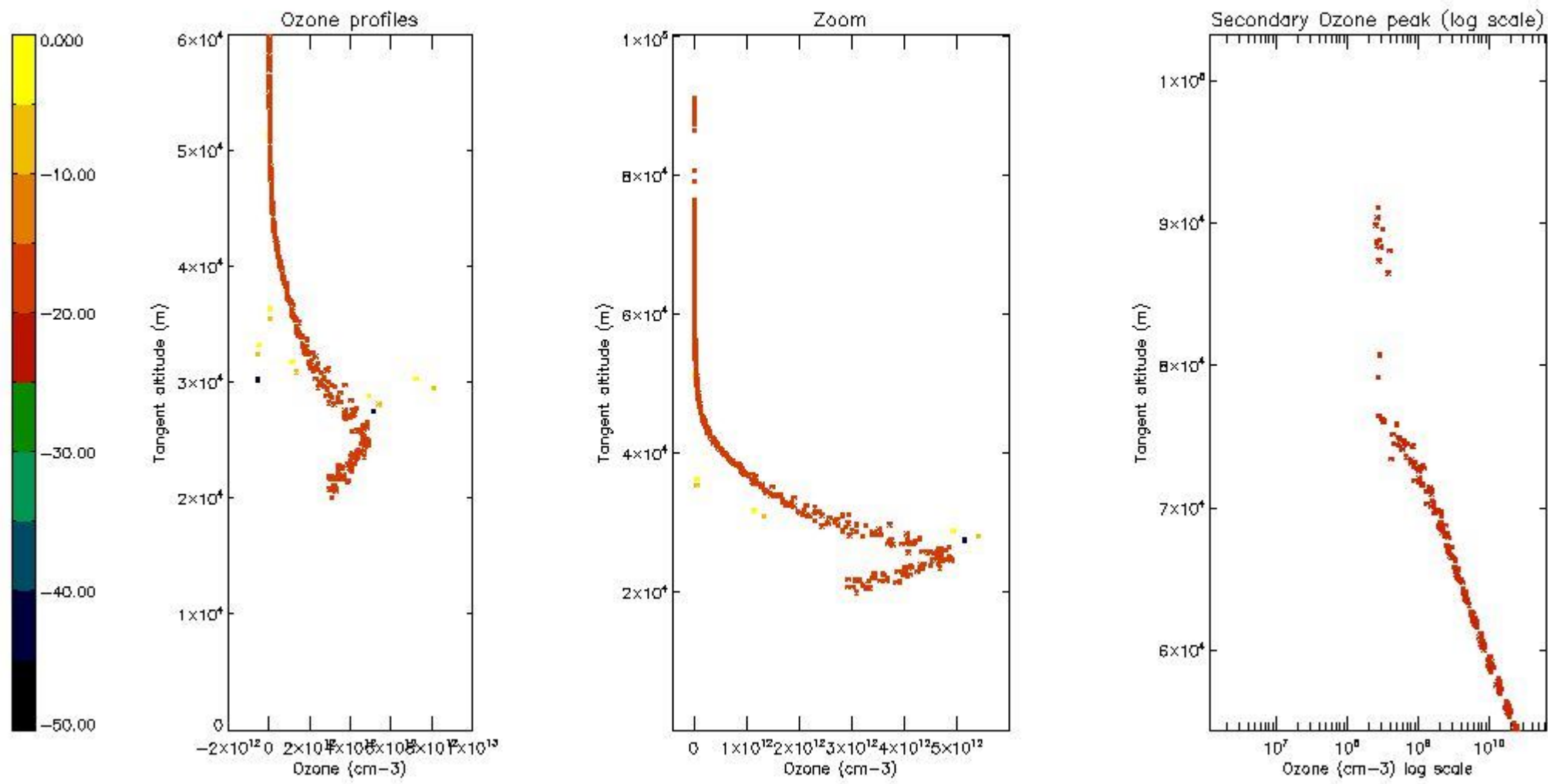
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



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

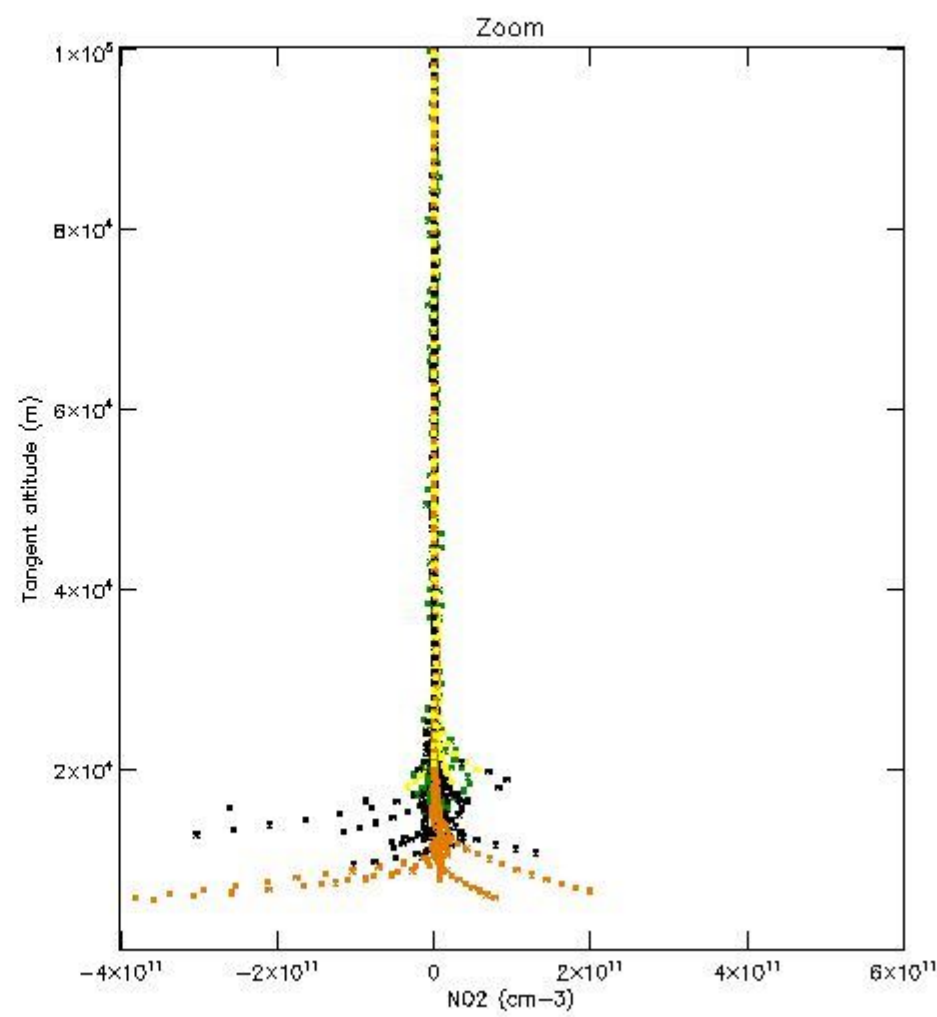
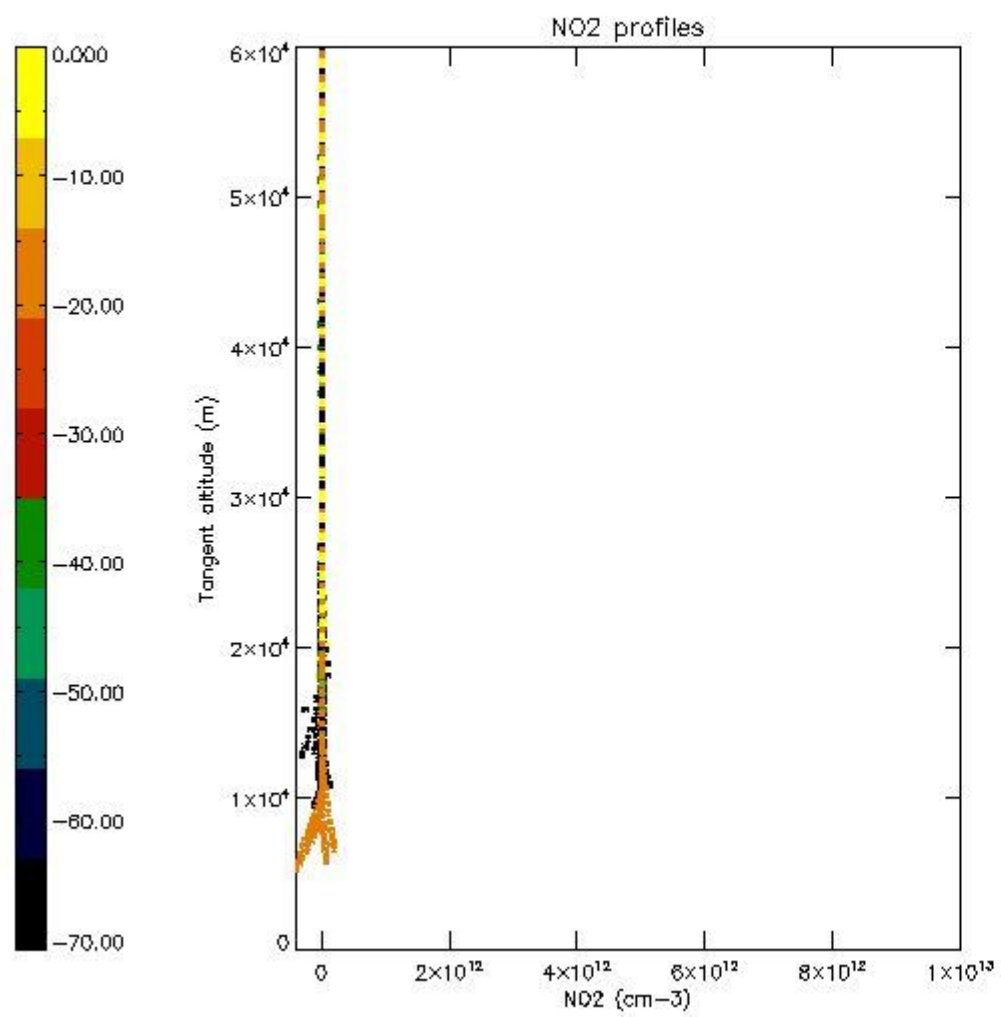
The colorbar represents the latitude.



*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

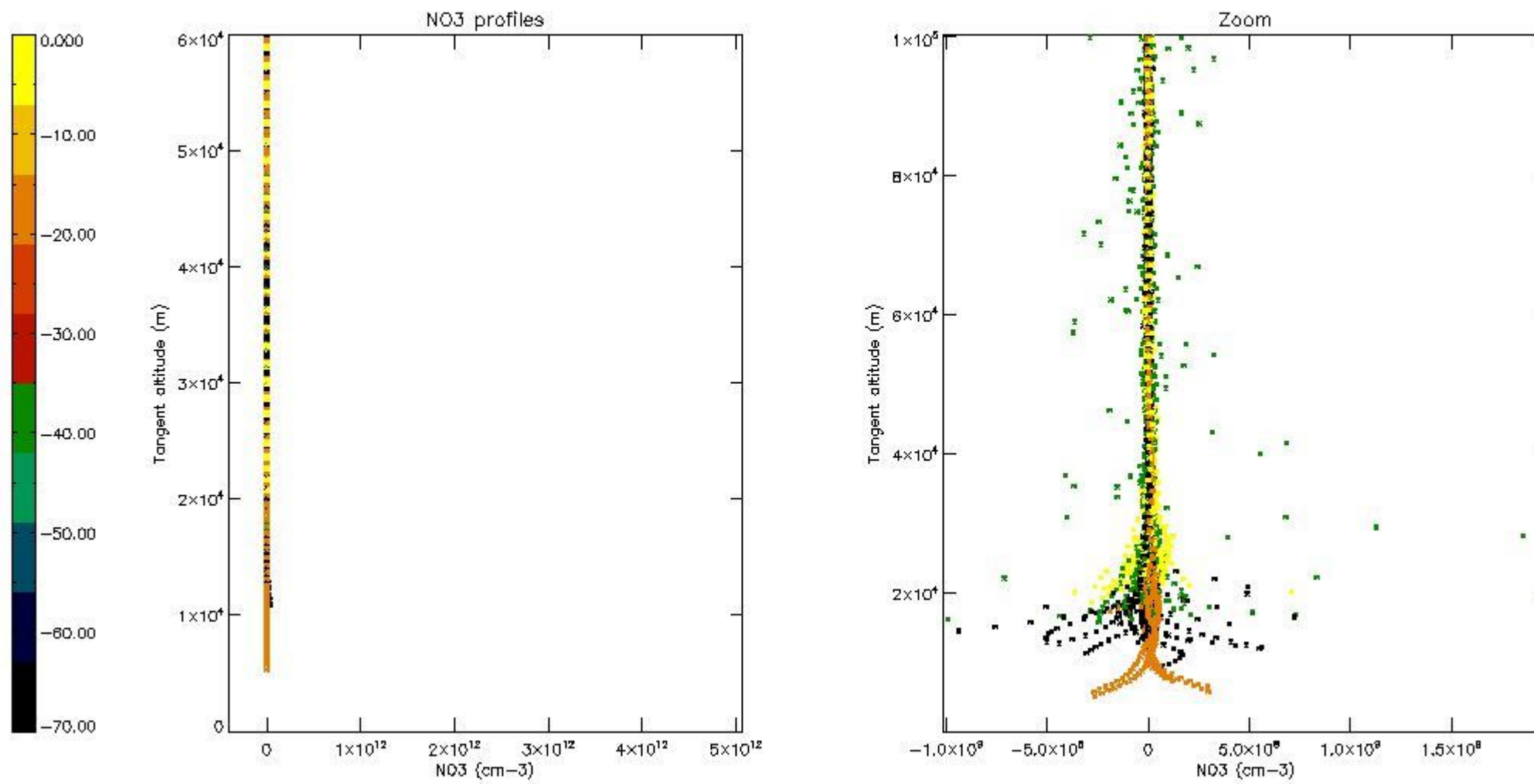
The colorbar represents the latitude.





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

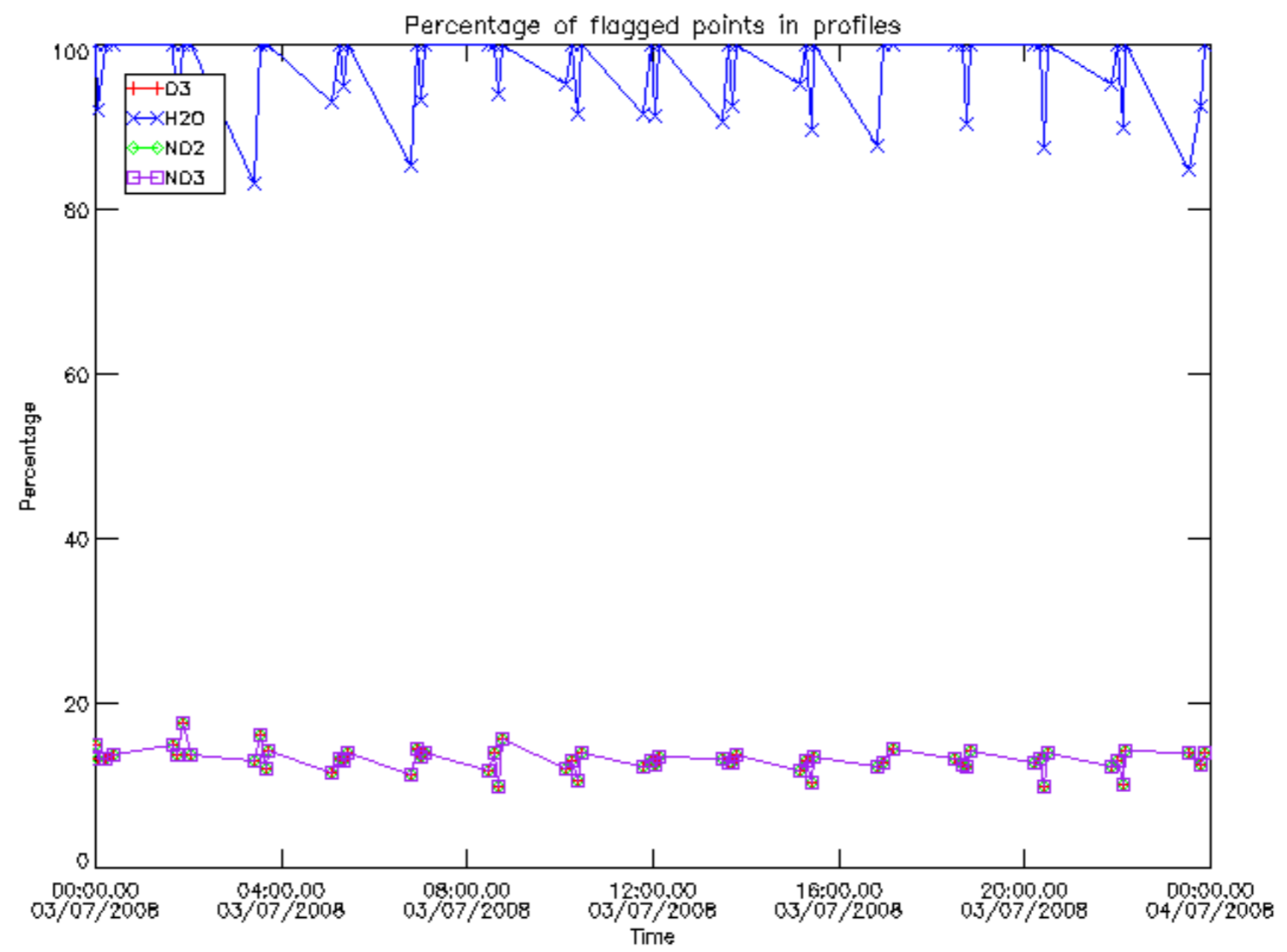
The colorbar represents the latitude.



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

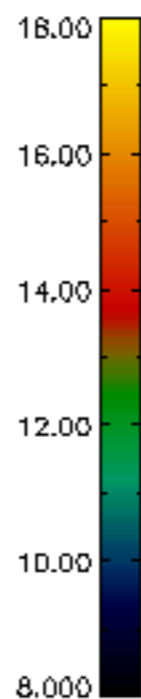
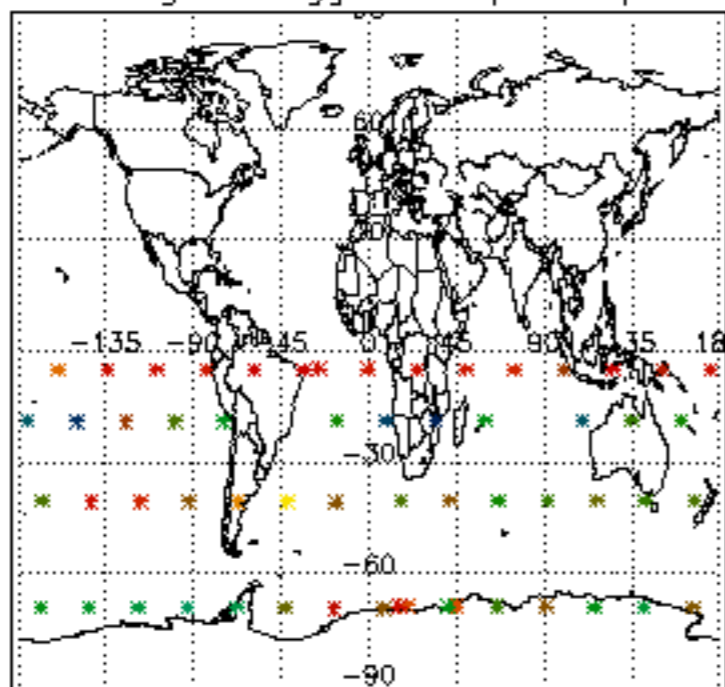
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-JUL-2008 00:00:05
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-JUL-2008 00:00:05
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-JUL-2008 00:00:05

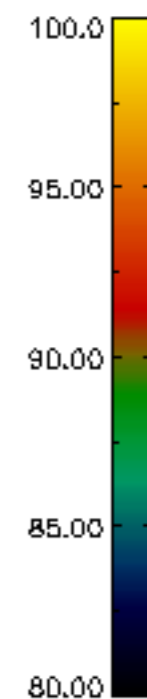
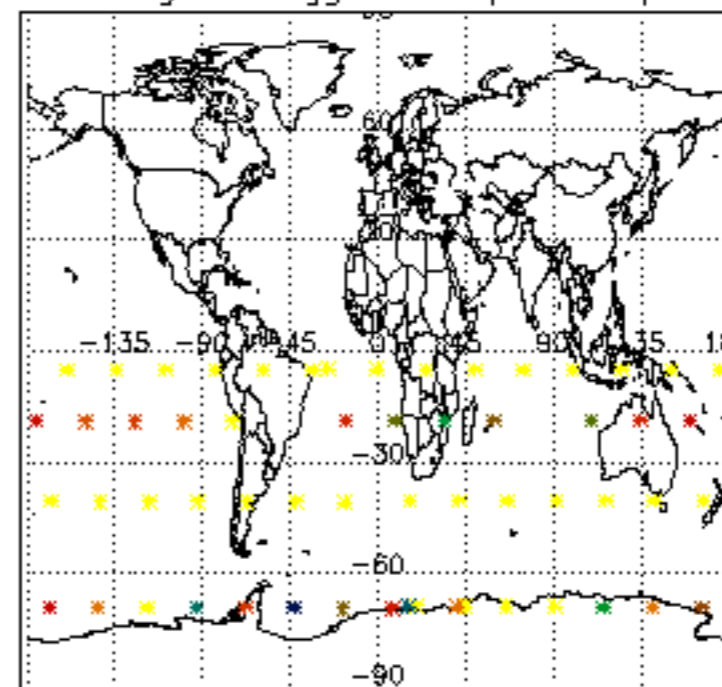




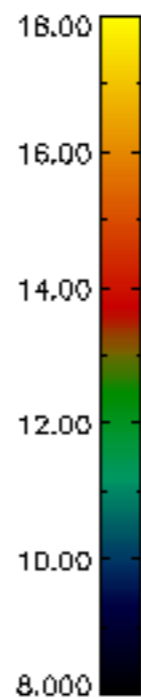
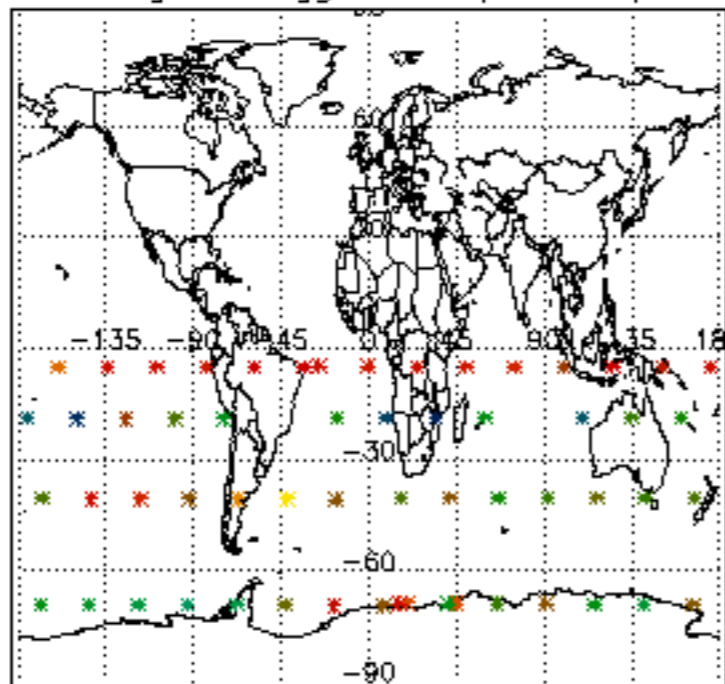
Percentage of flagged data per D3 profile



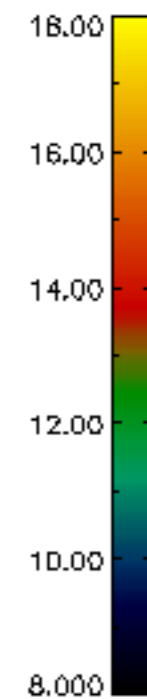
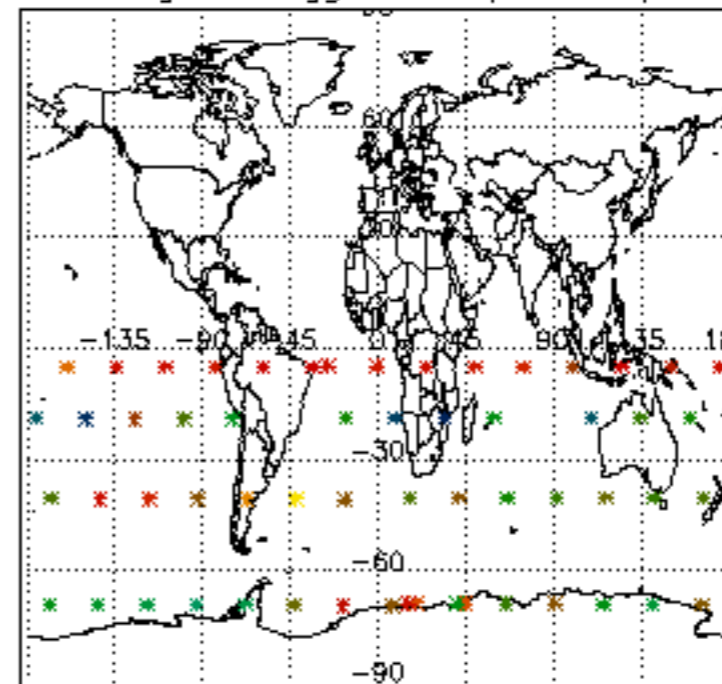
Percentage of flagged data per H2O profile

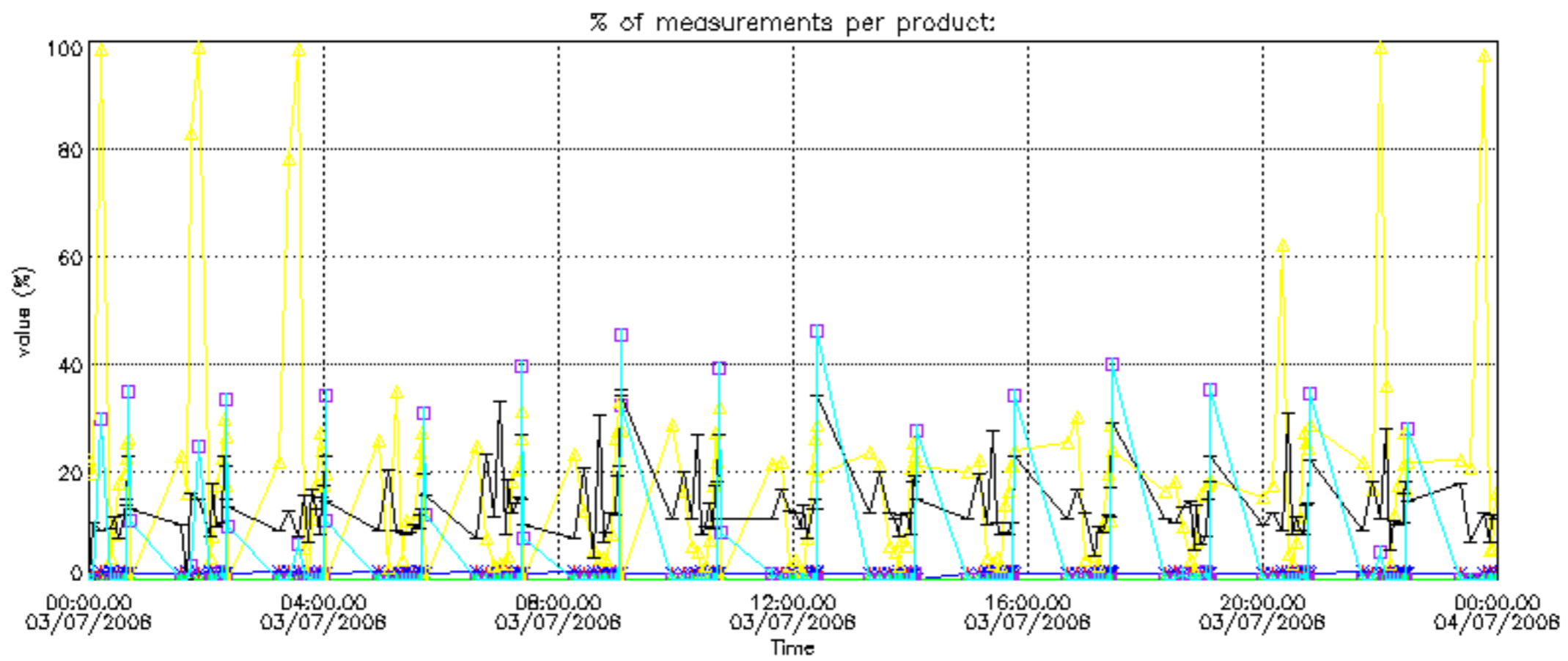


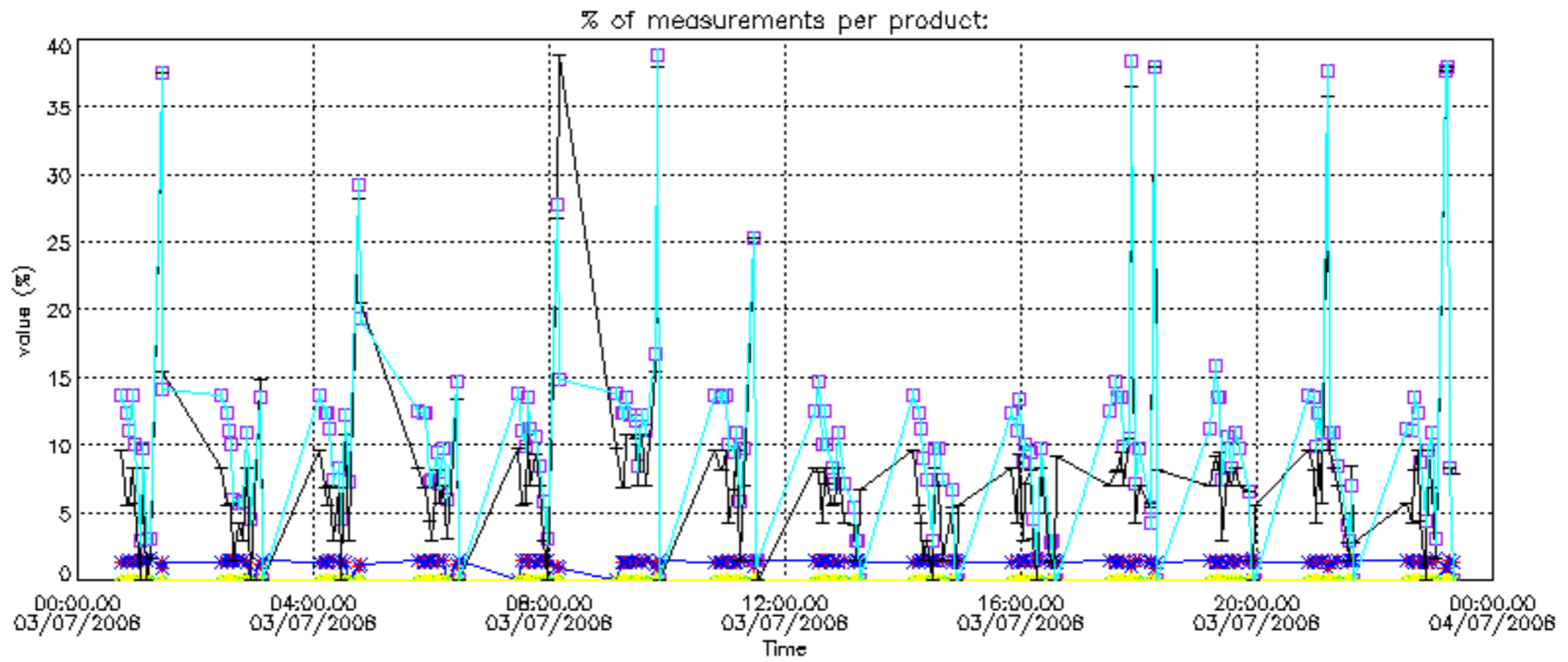
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

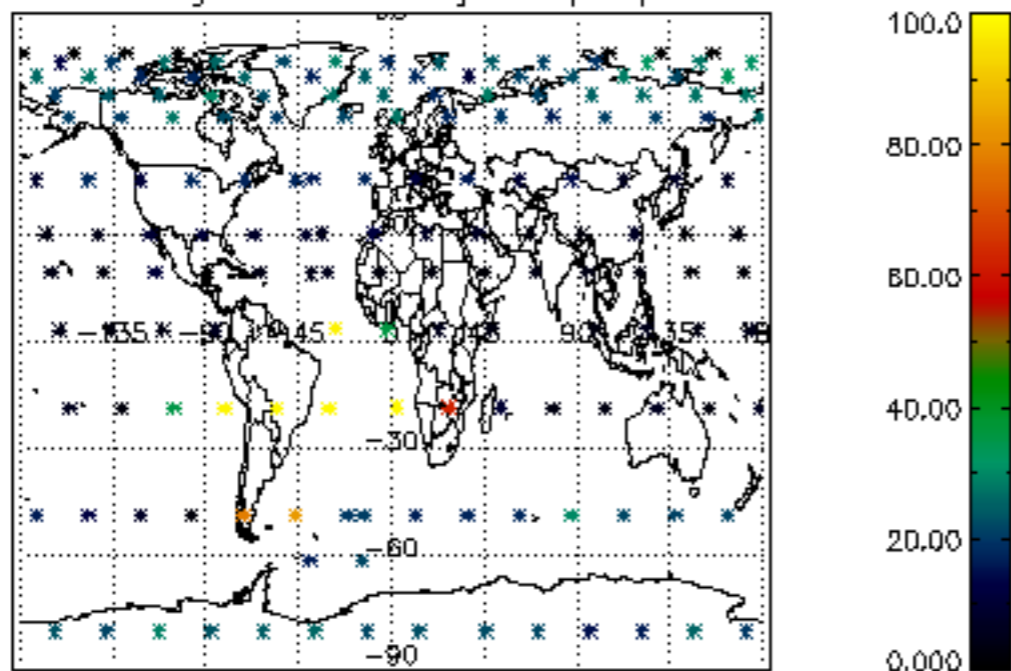




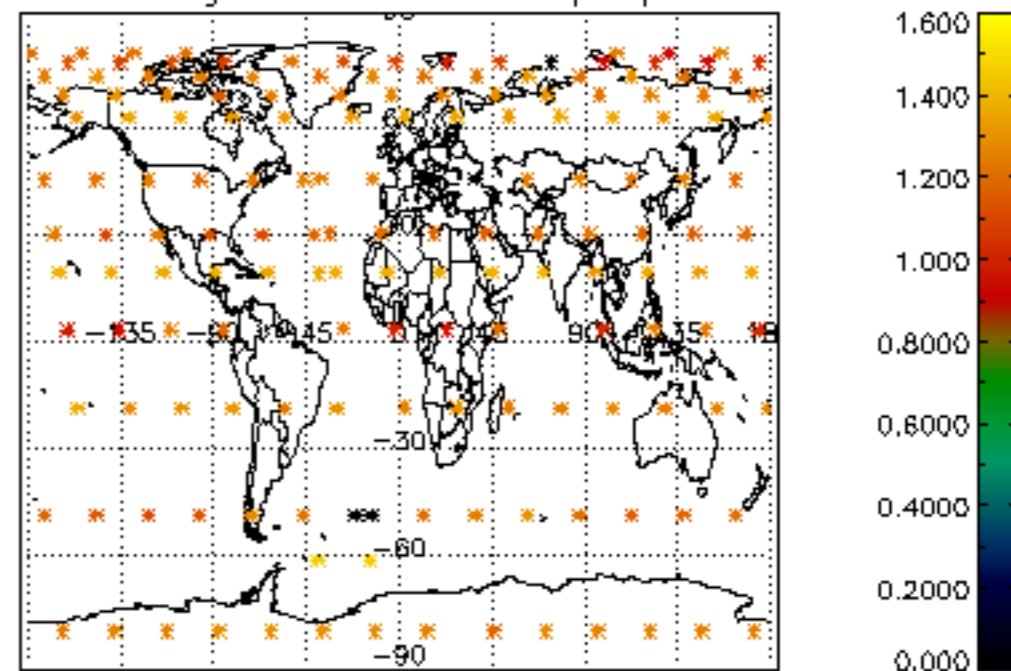




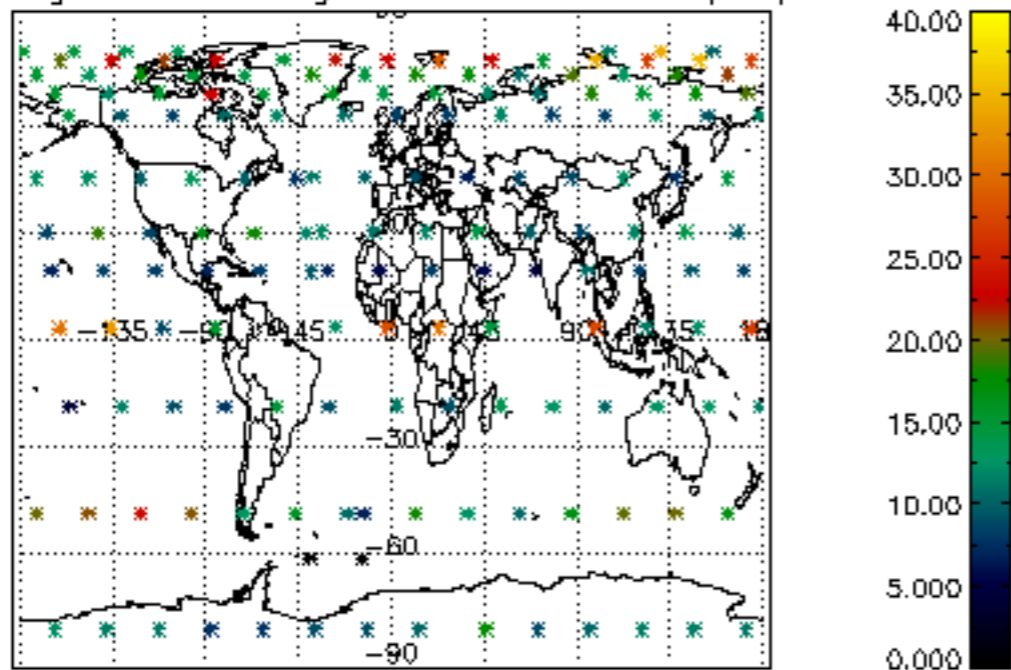
Percentage of cosmic ray hits per profile



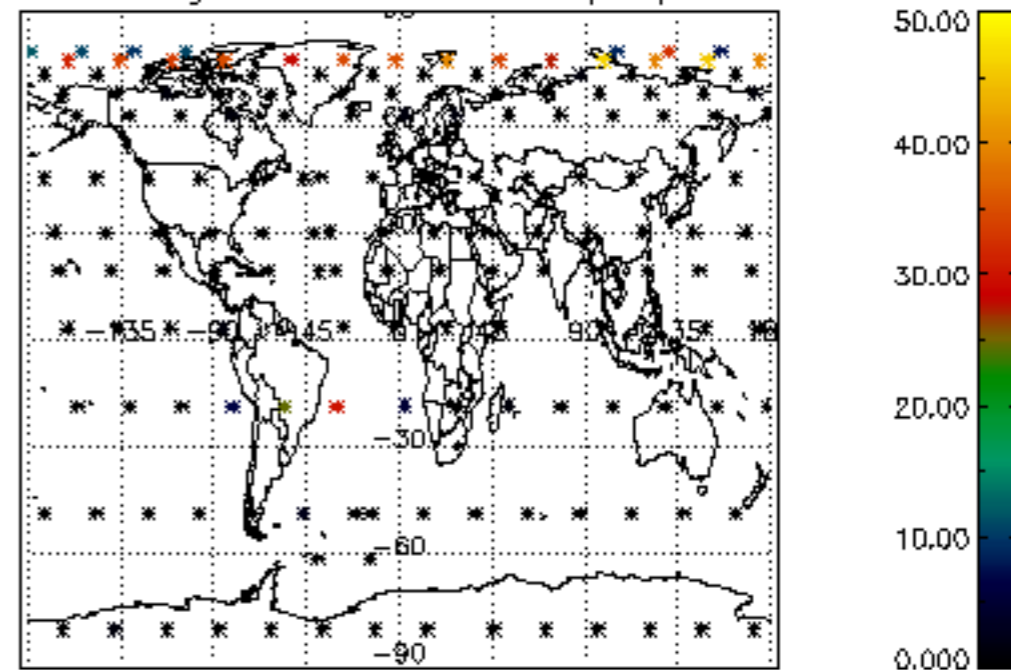
Percentage of datation errors per profile



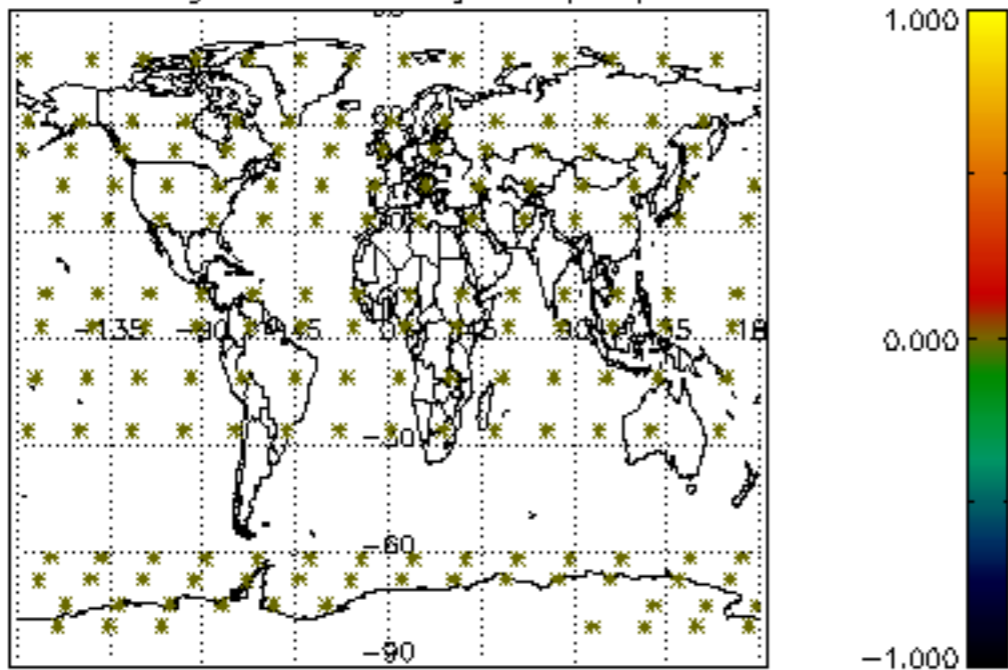
Percentage of star falling outside central band per profile



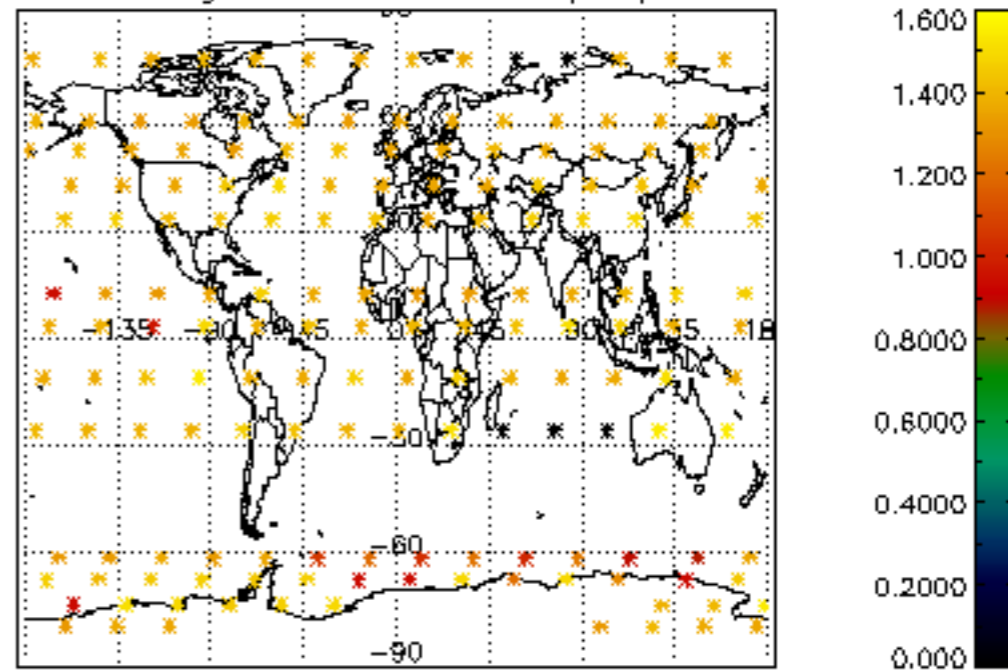
Percentage of saturation errors per profile



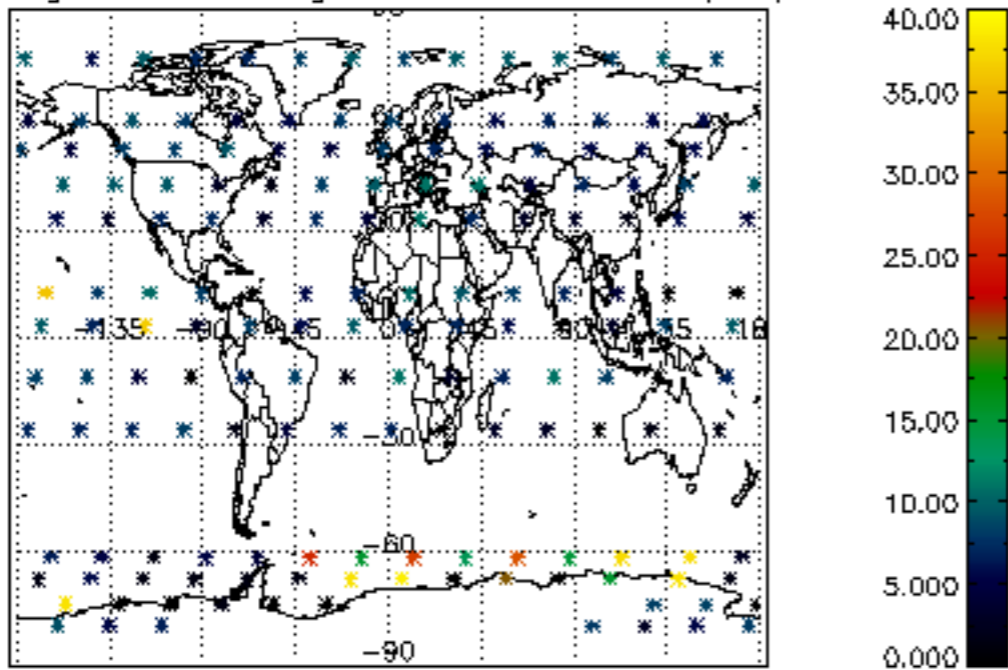
Percentage of cosmic ray hits per profile



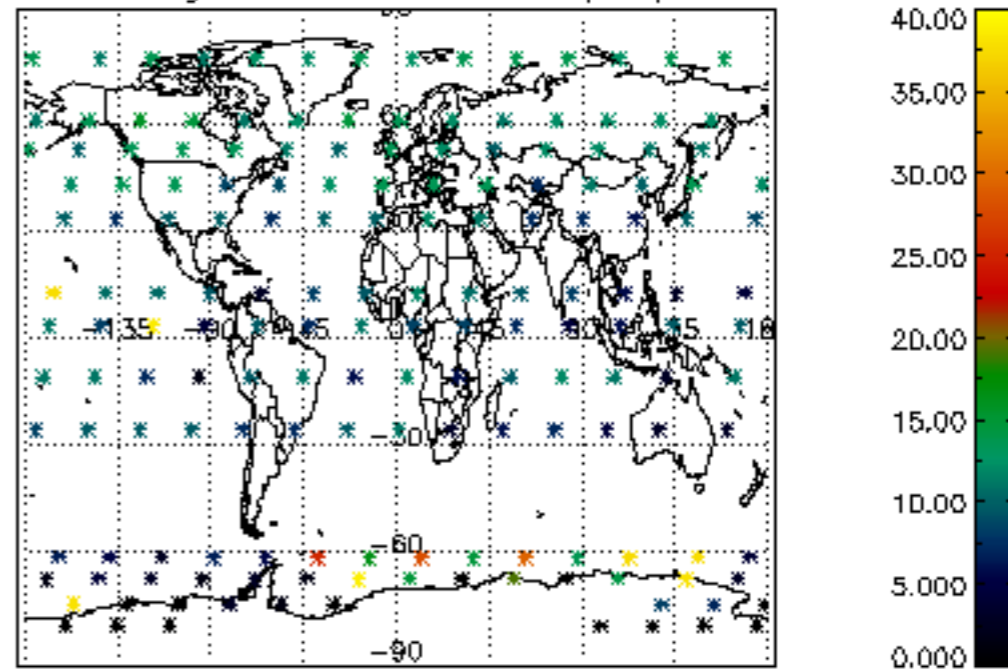
Percentage of datation errors per profile

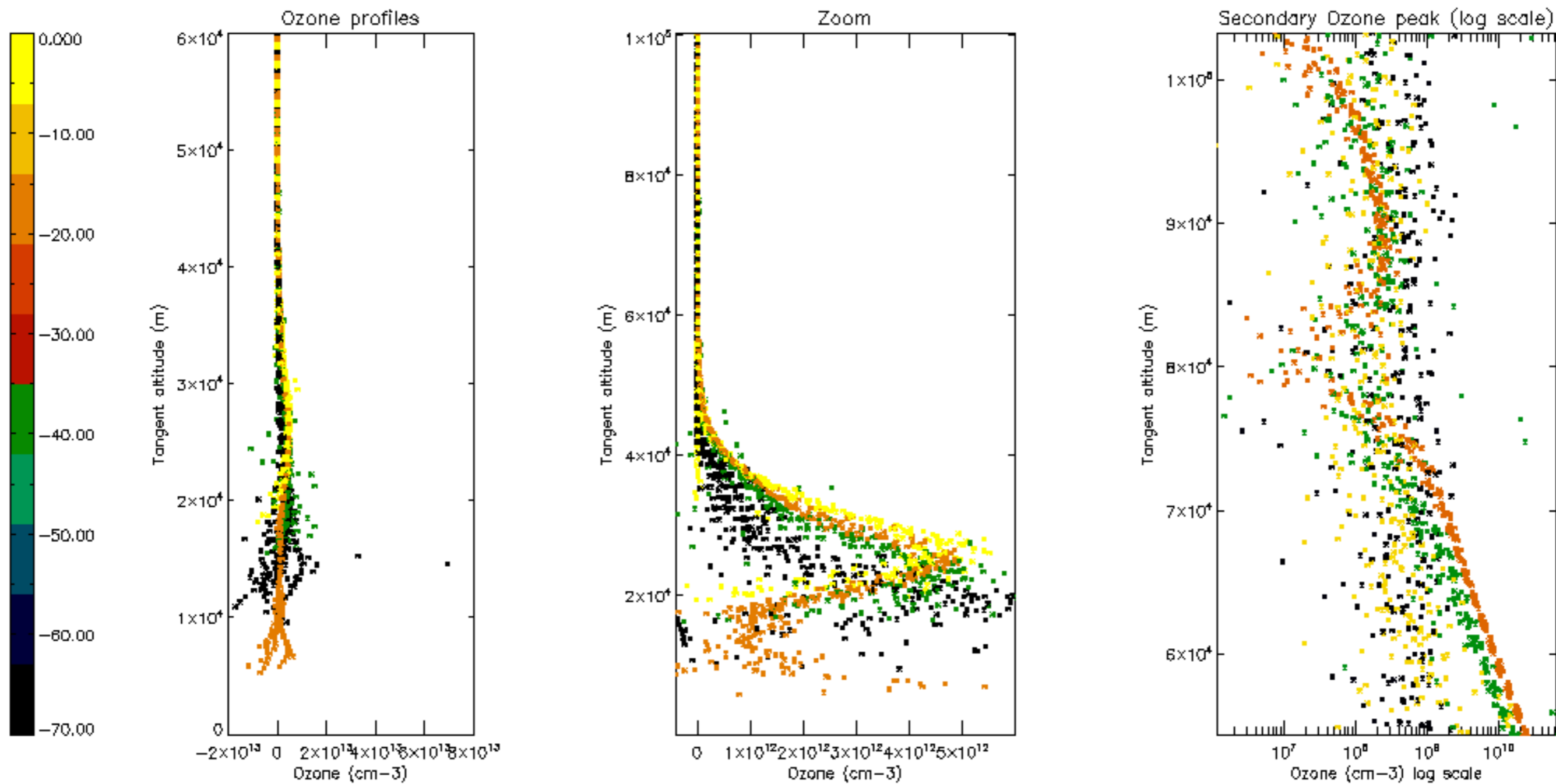


Percentage of star falling outside central band per profile

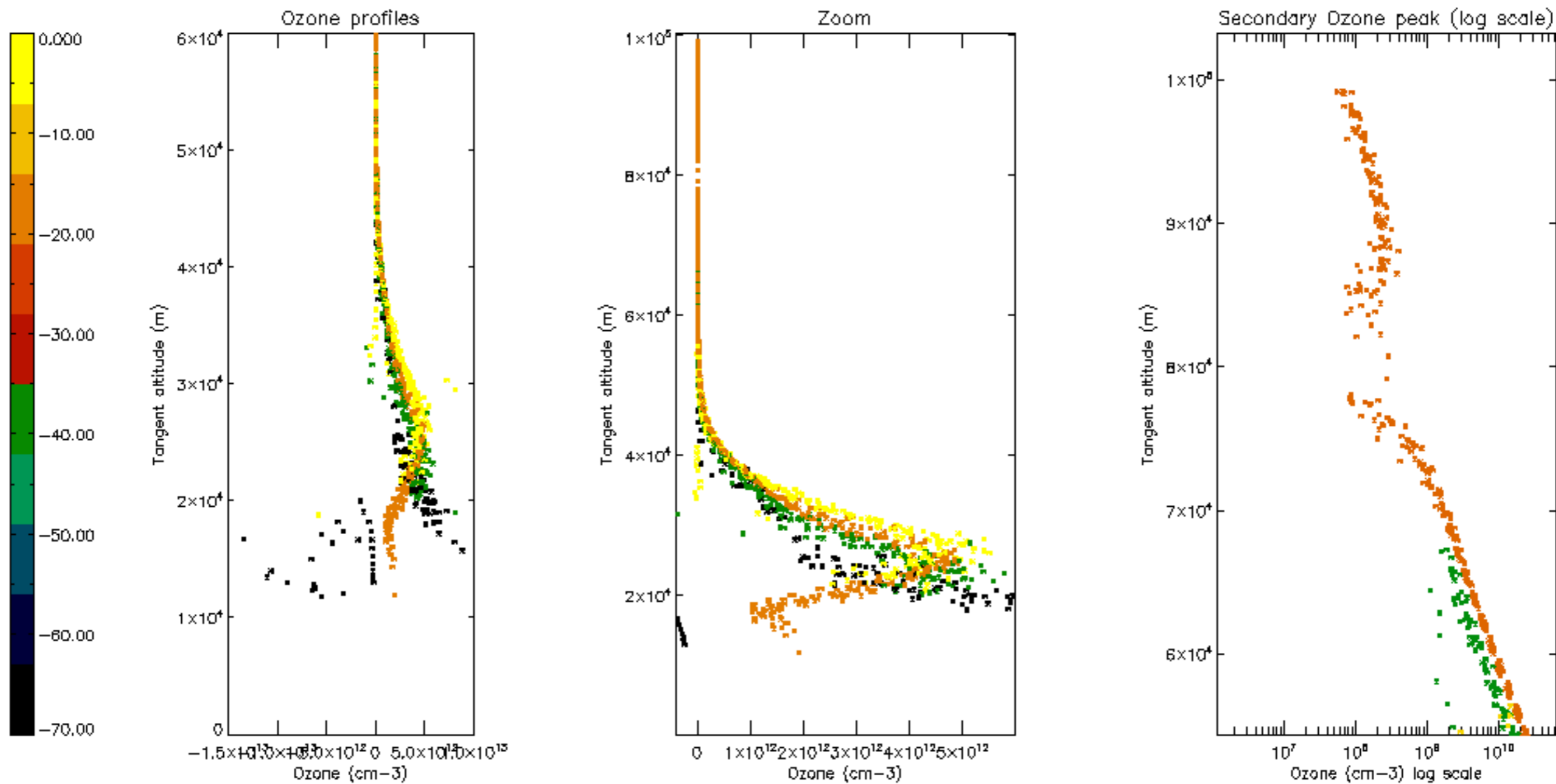


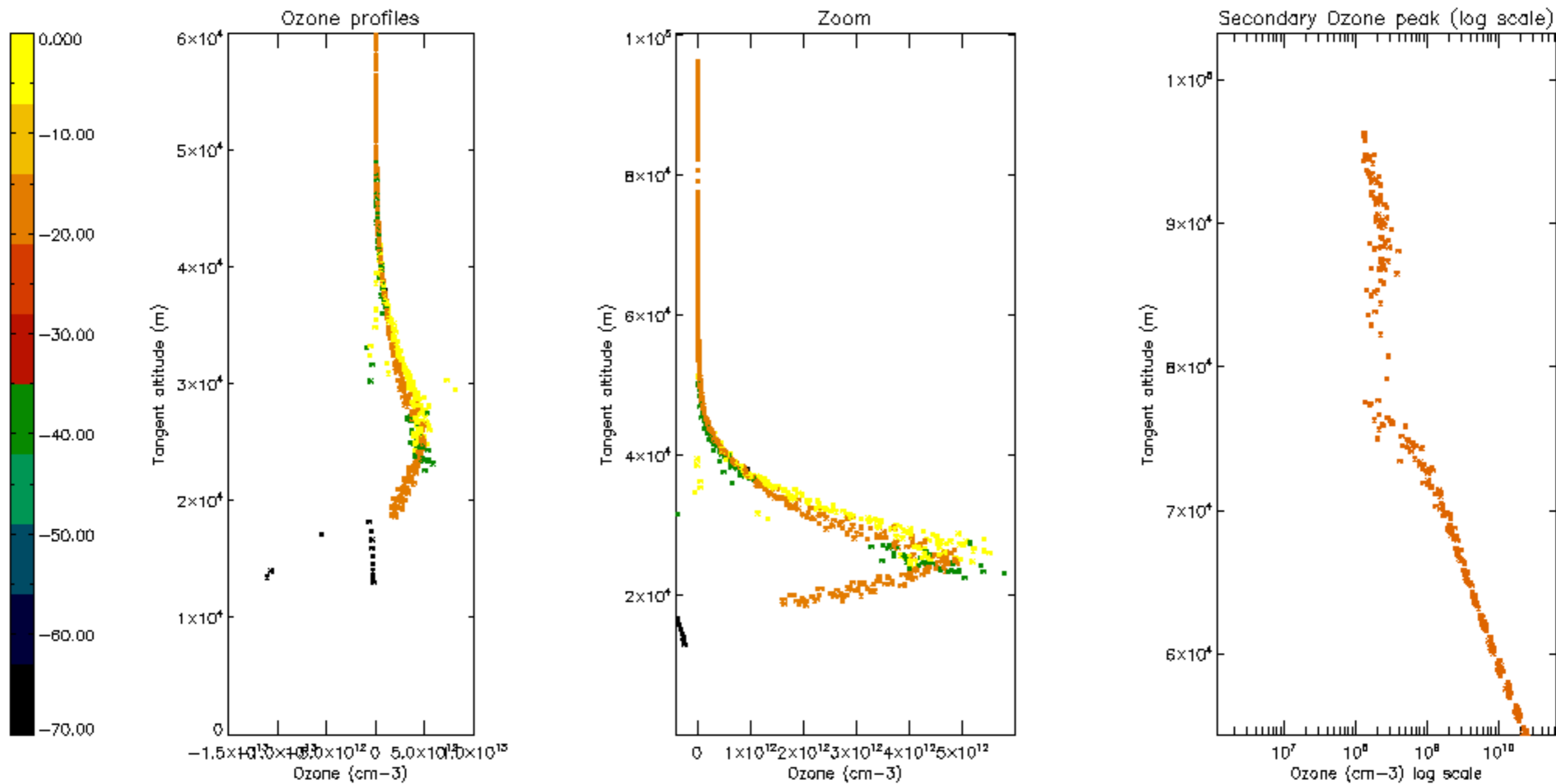
Percentage of saturation errors per profile

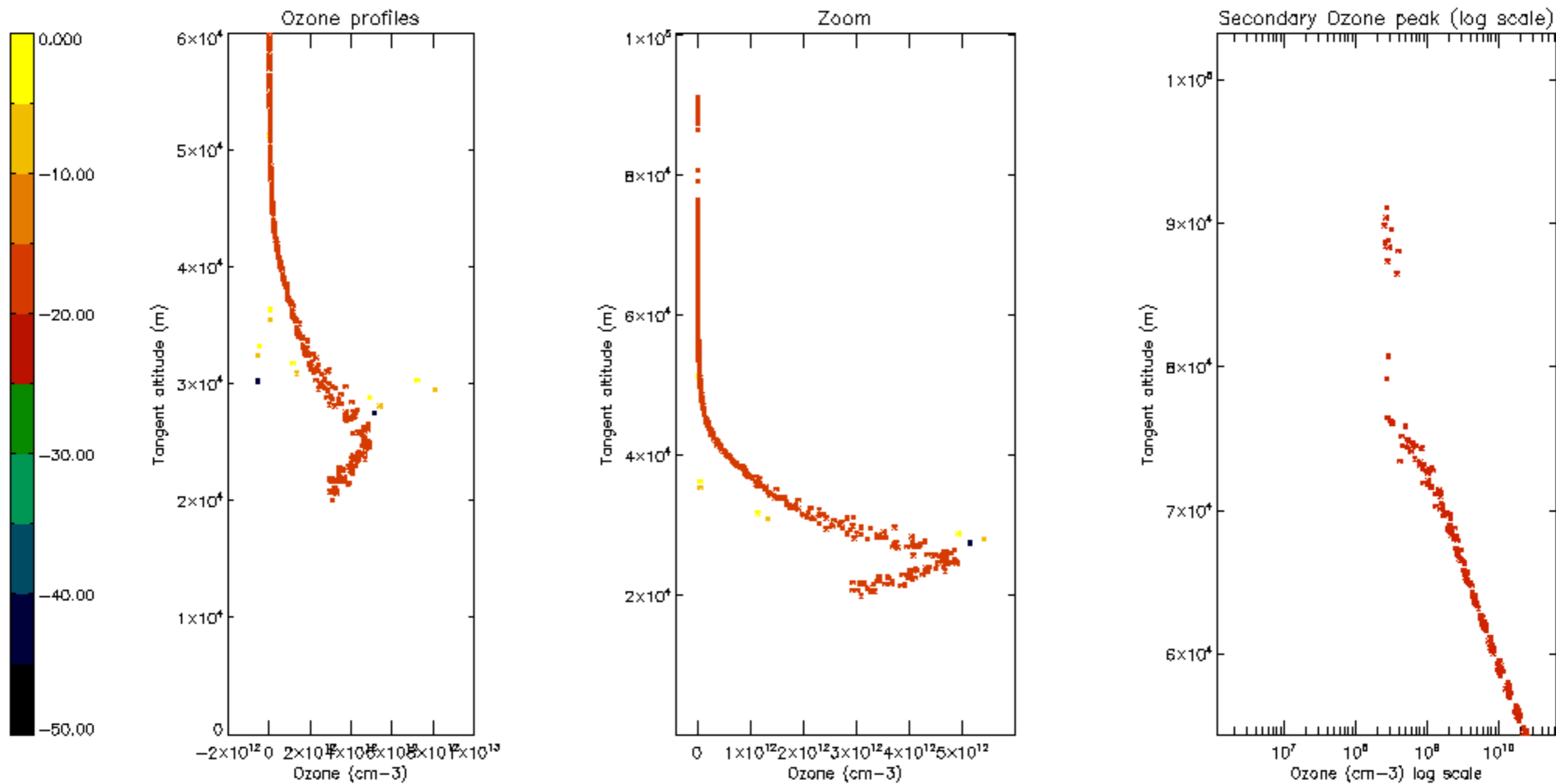




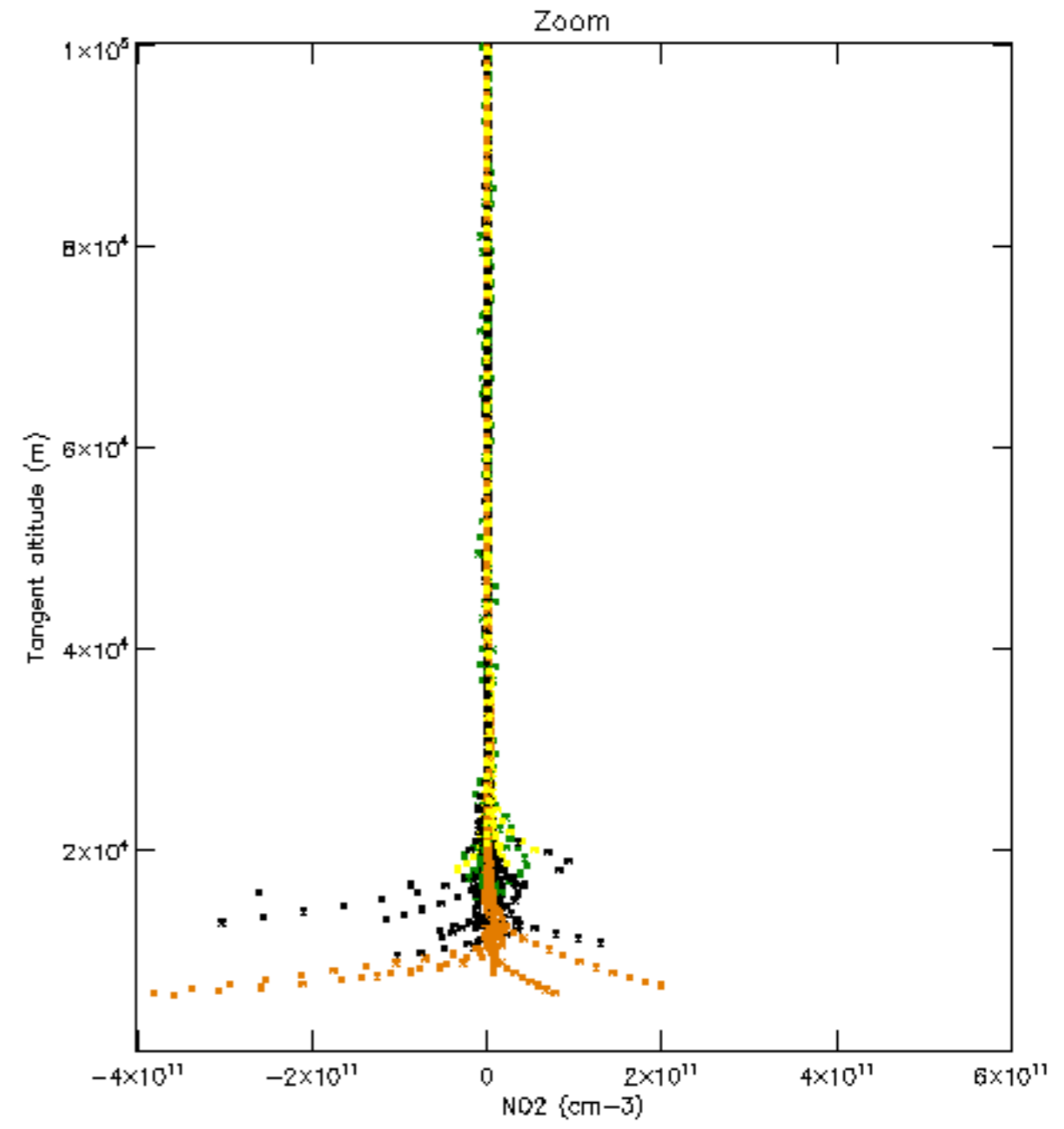
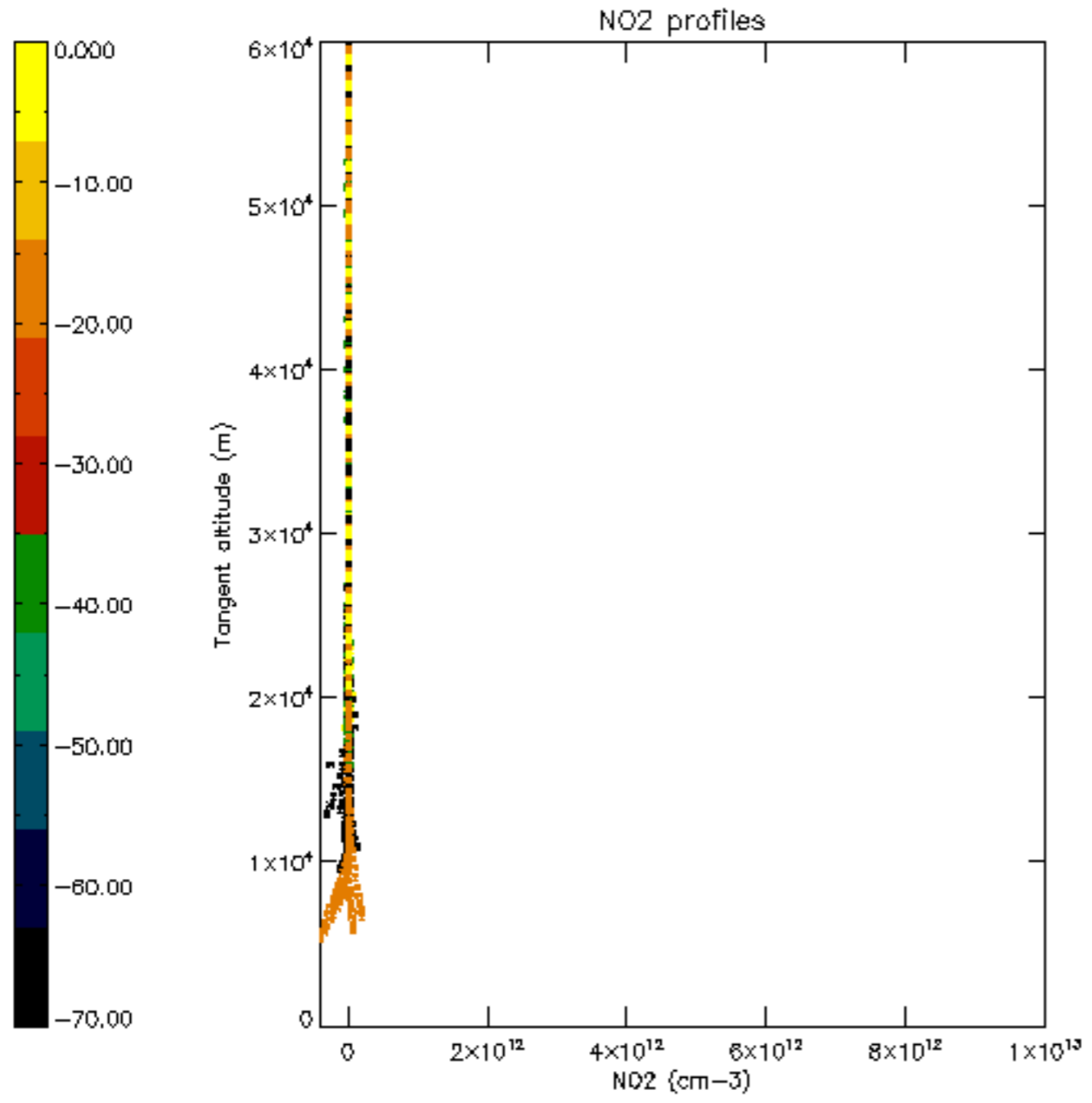


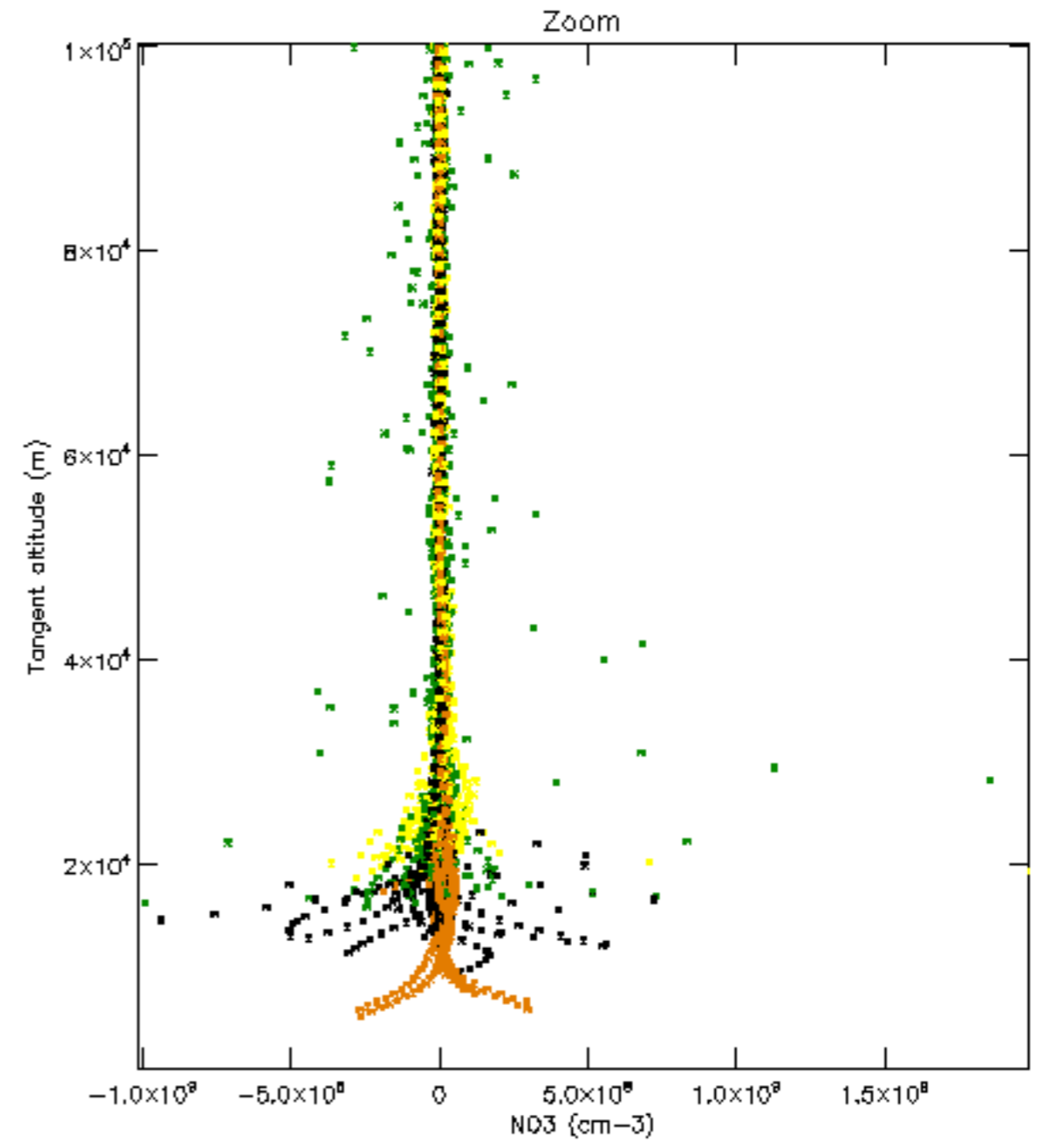
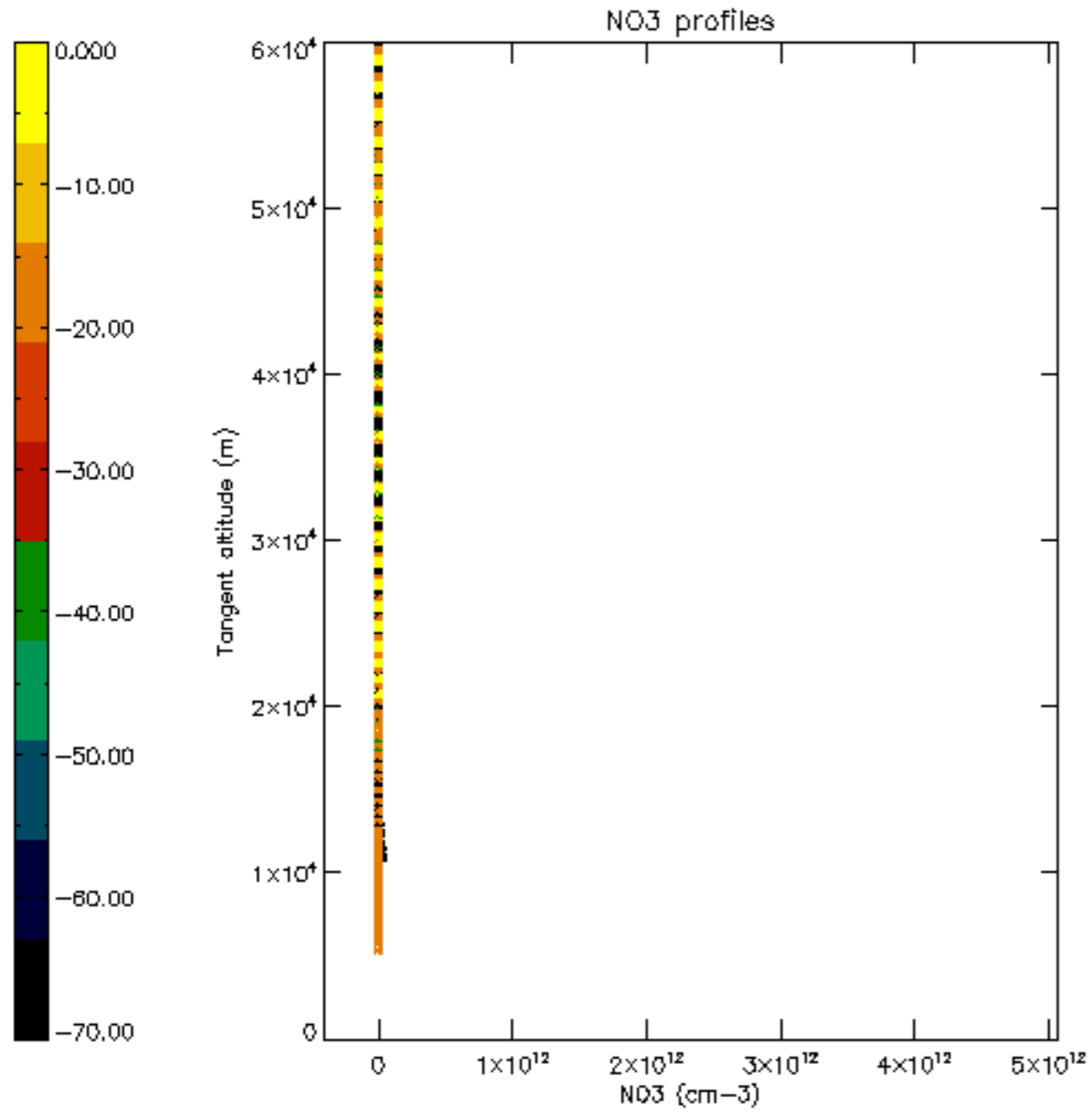


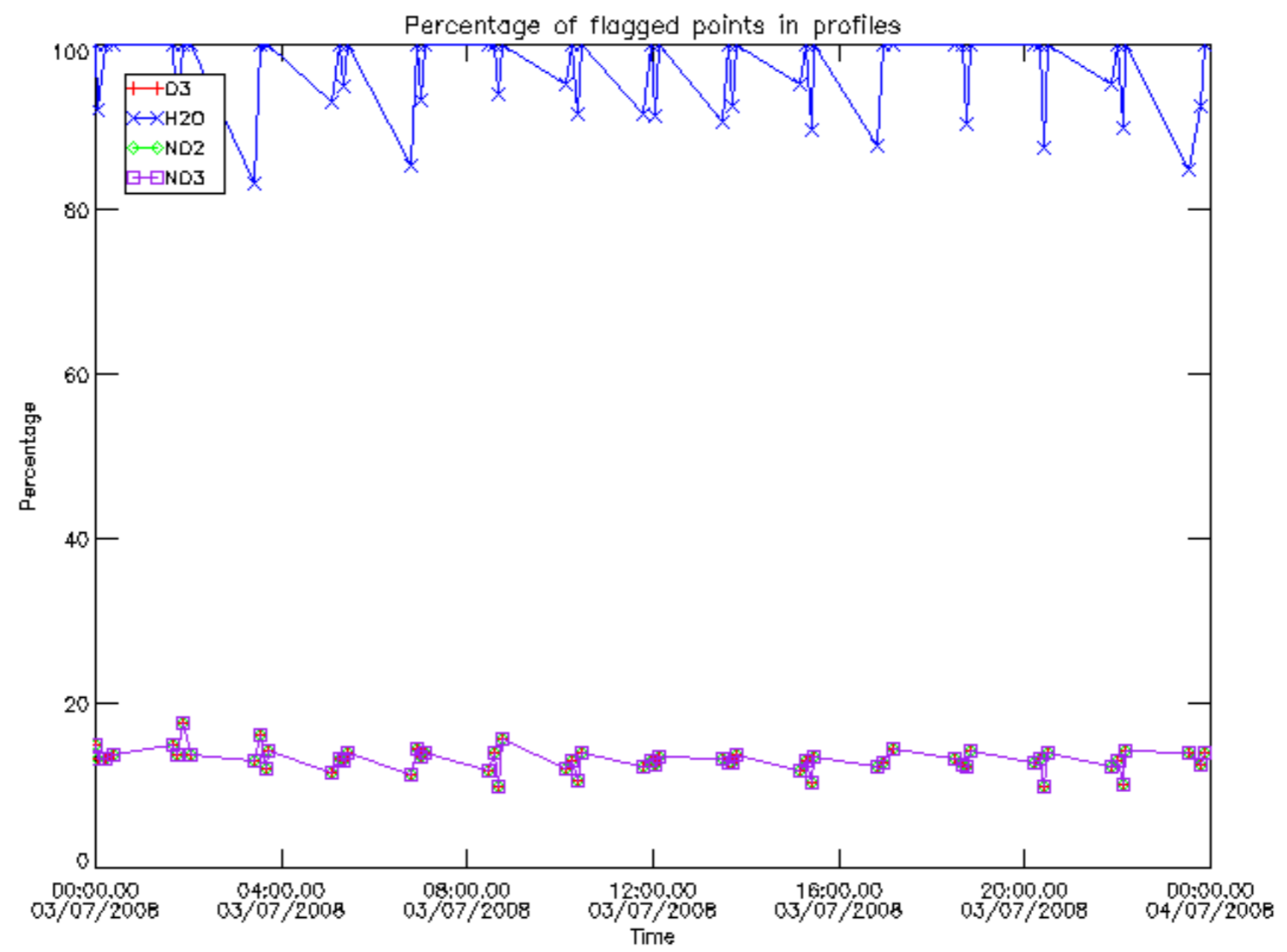




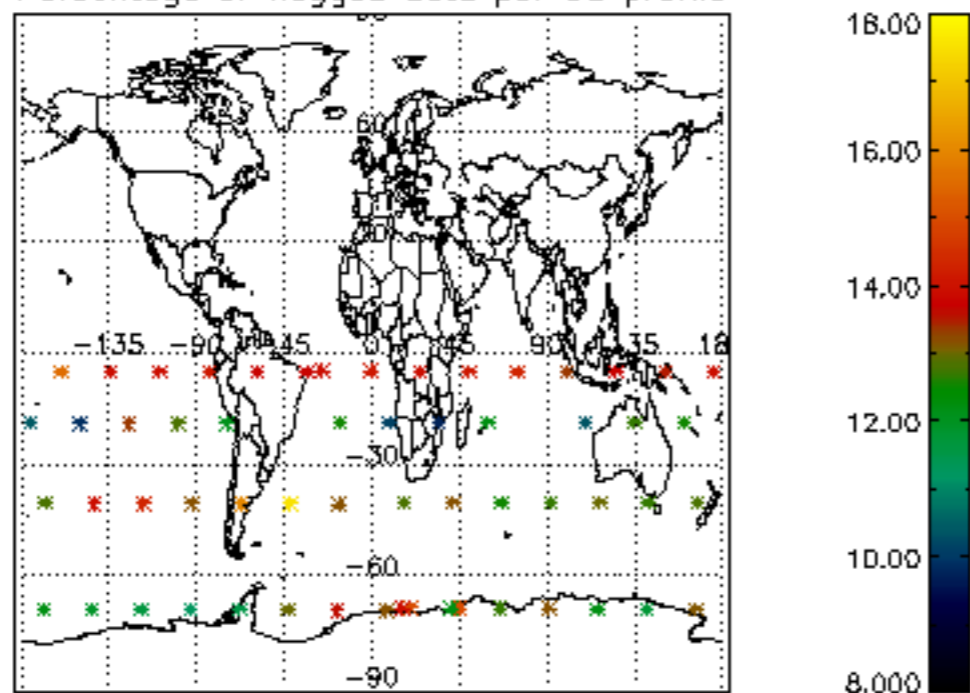




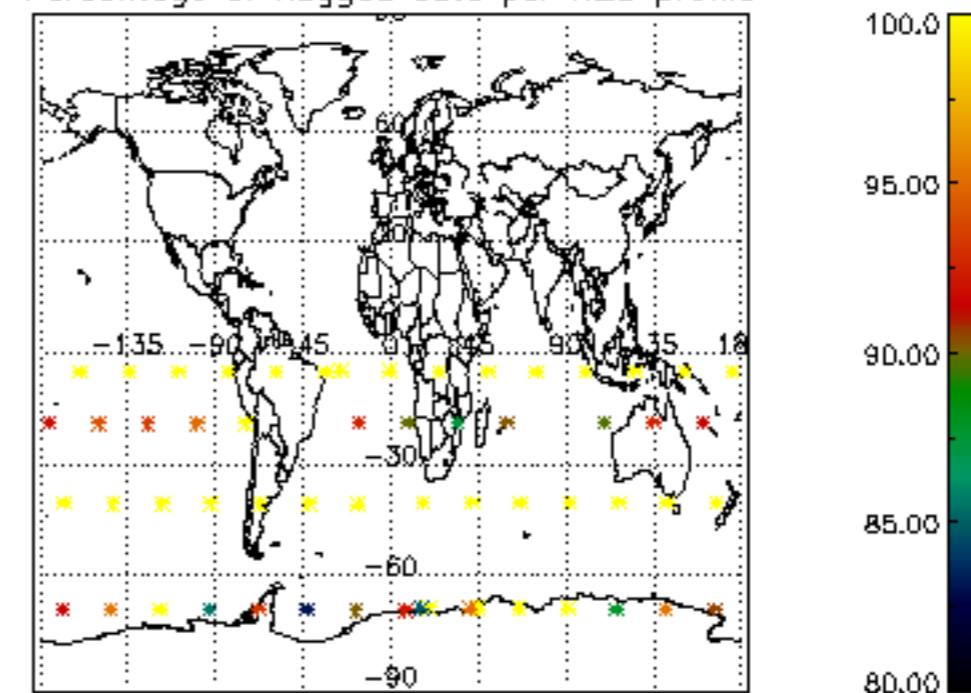




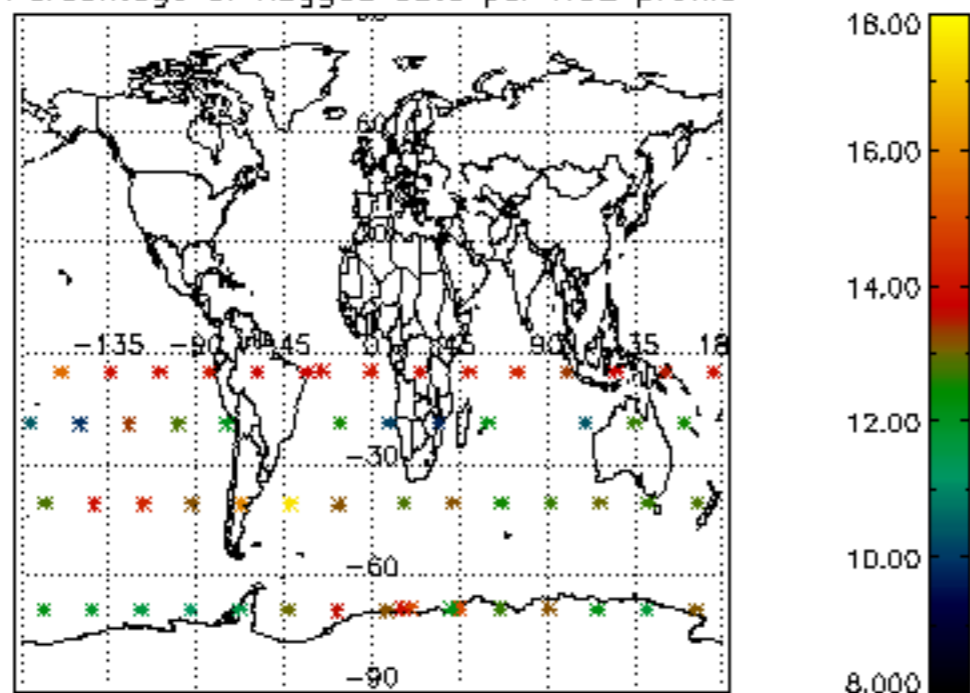
Percentage of flagged data per D3 profile



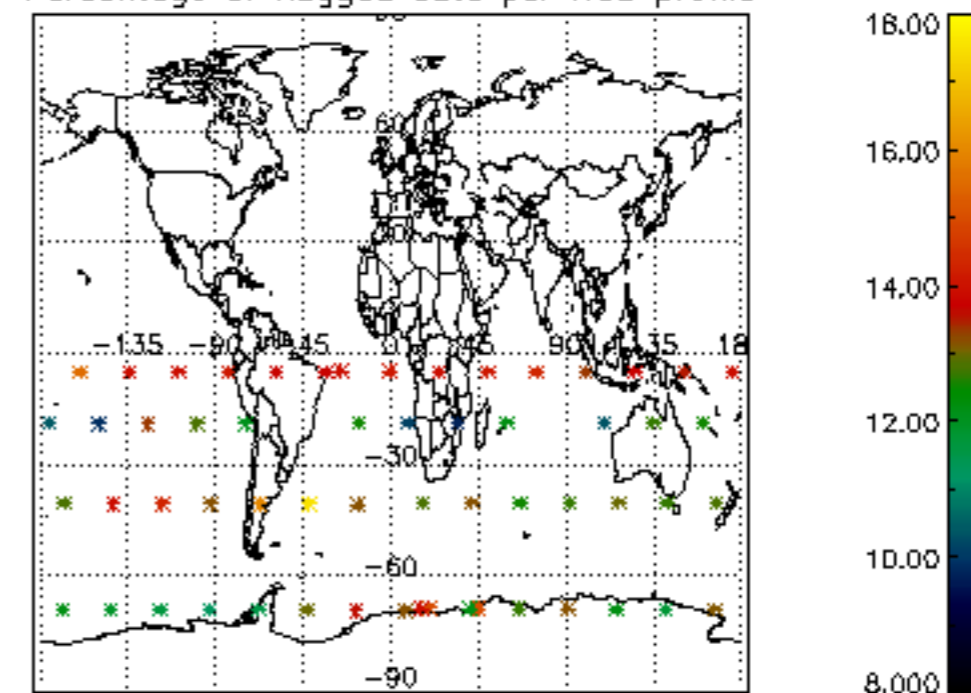
Percentage of flagged data per H2O profile



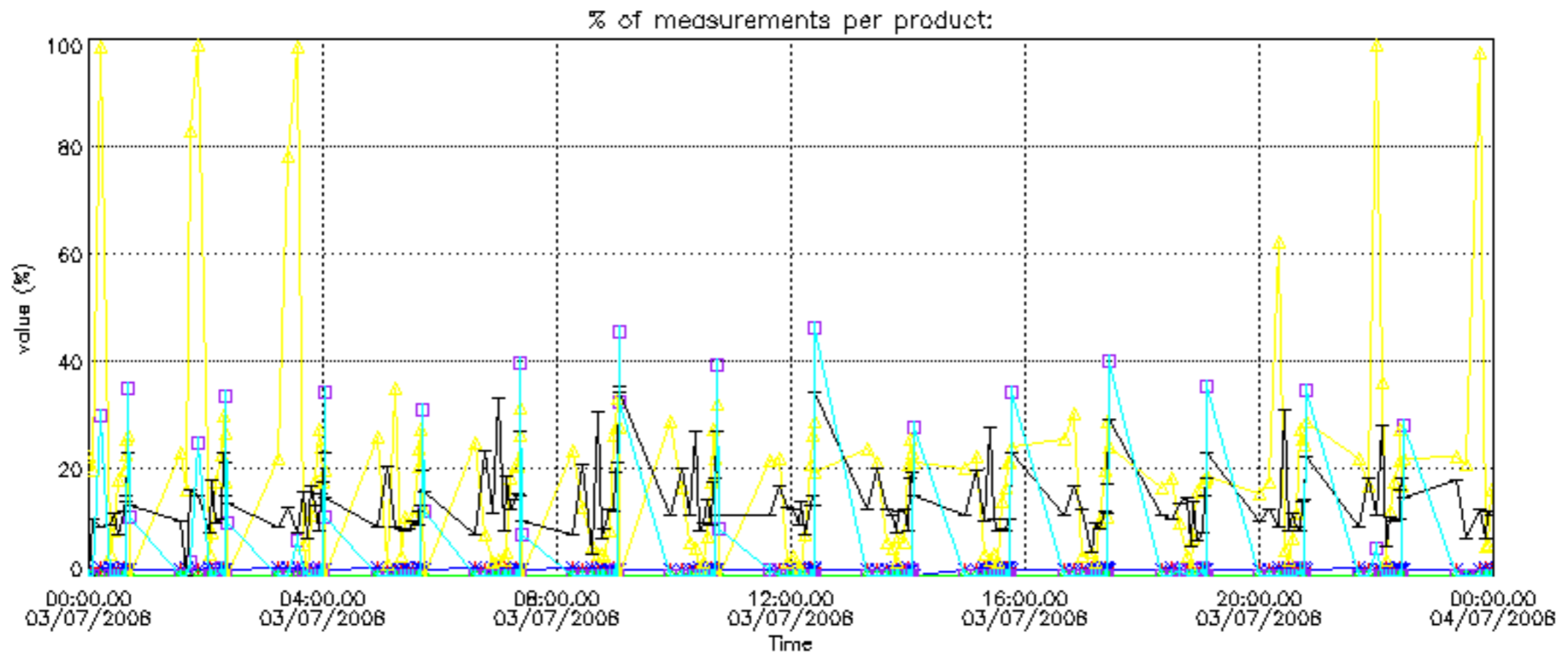
Percentage of flagged data per NO2 profile

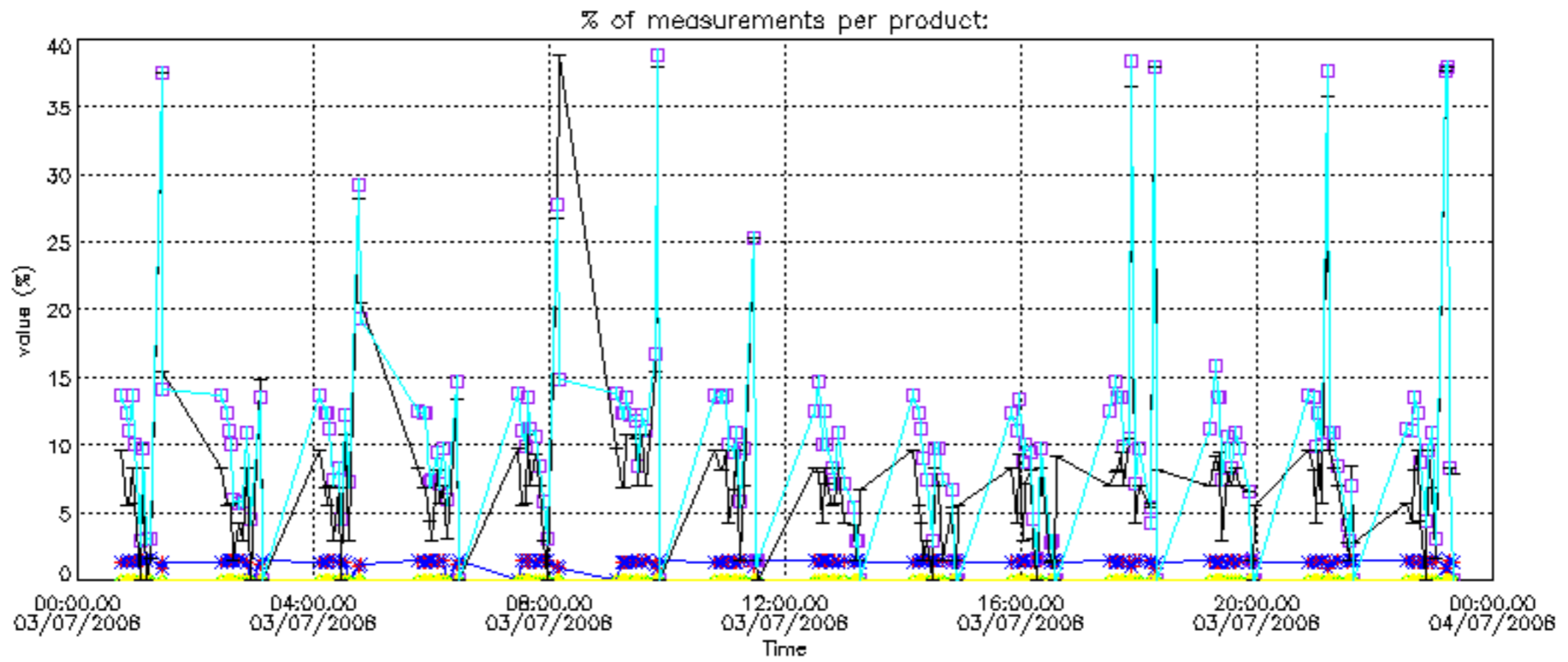


Percentage of flagged data per NO3 profile

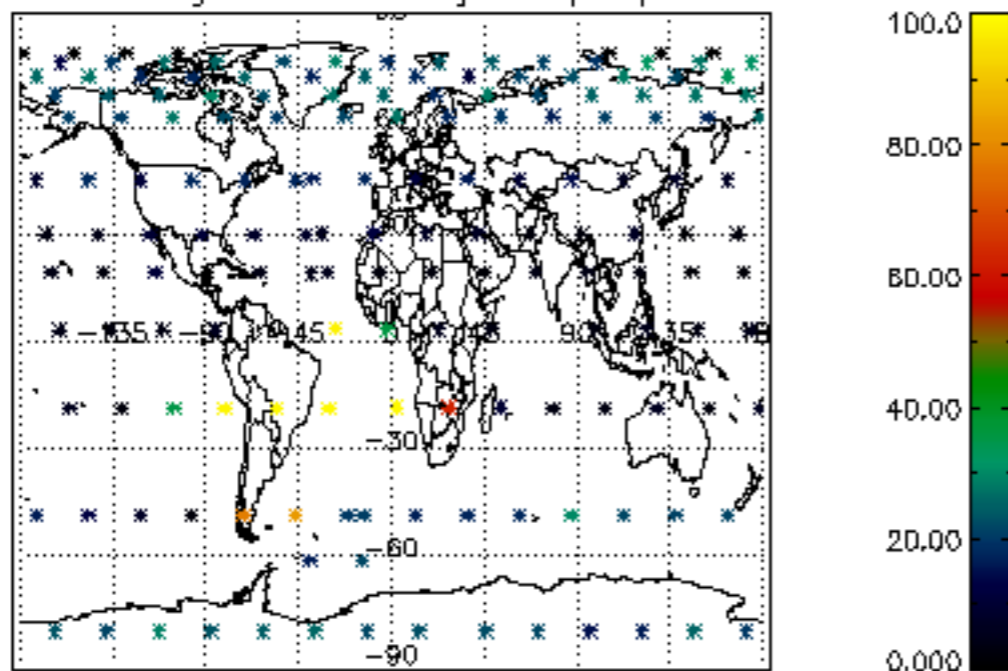




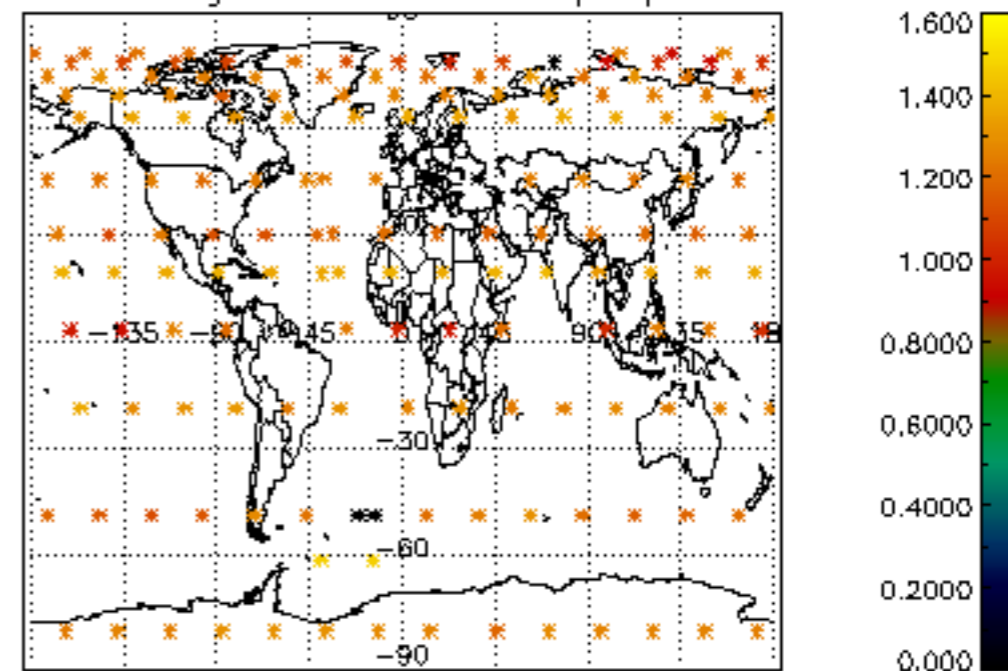




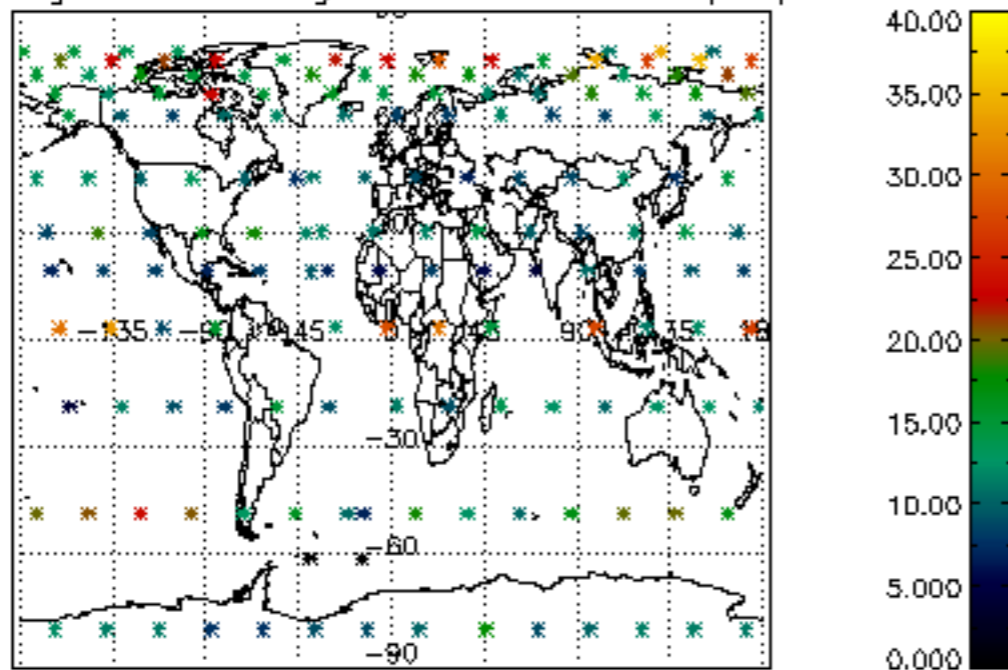
Percentage of cosmic ray hits per profile



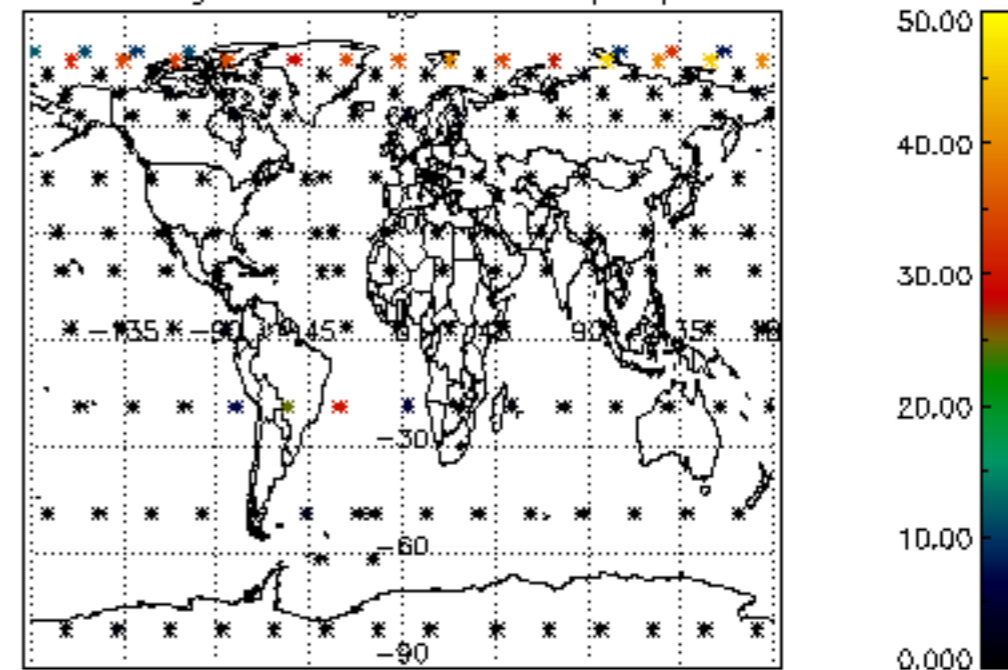
Percentage of datation errors per profile



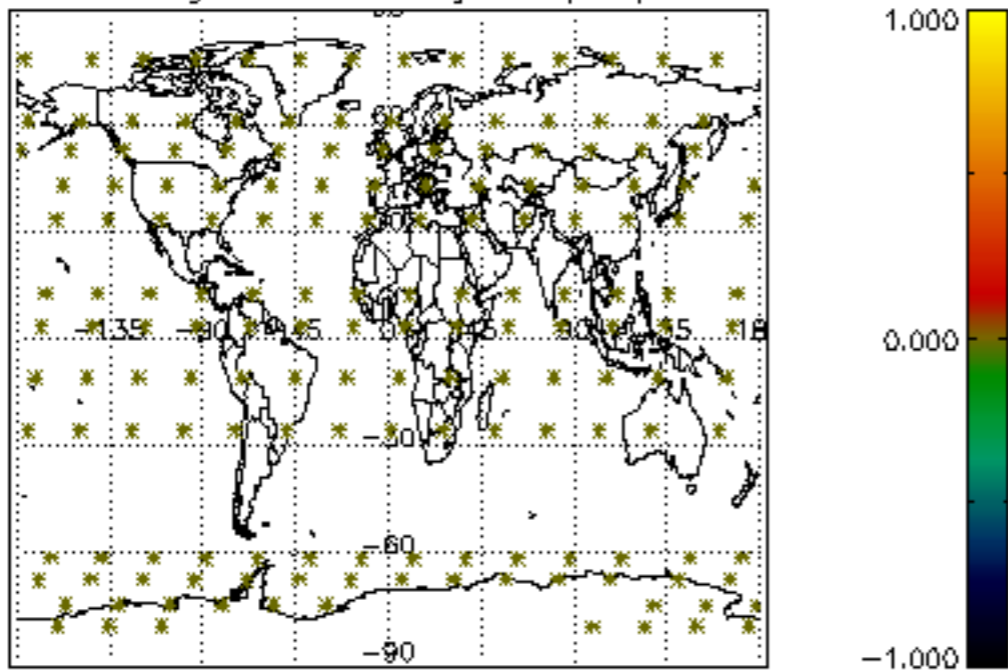
Percentage of star falling outside central band per profile



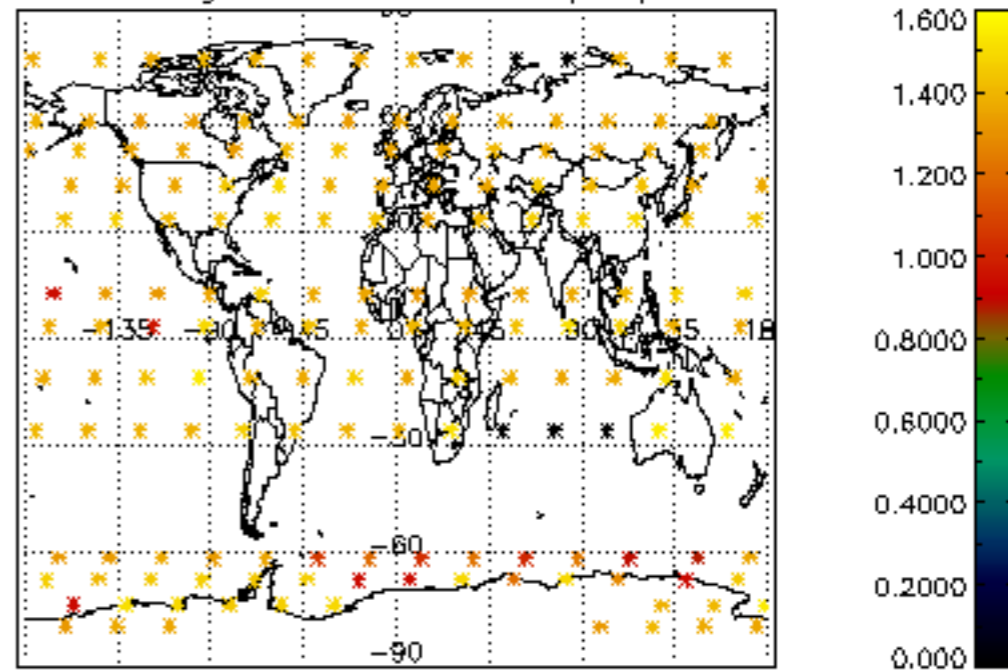
Percentage of saturation errors per profile



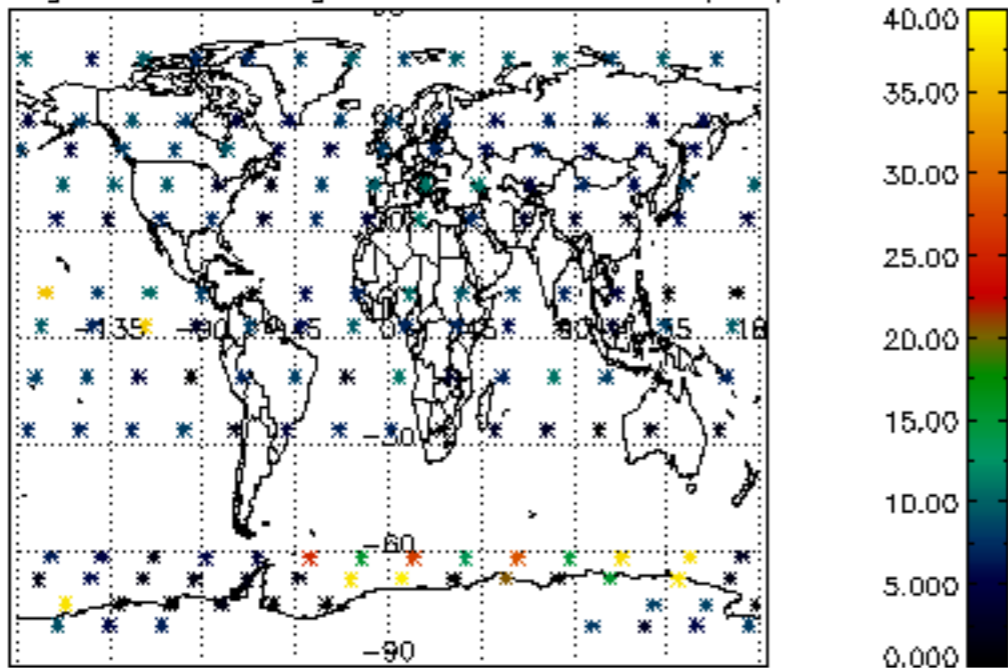
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

