

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 16:59:14
Data source version	GOMOS/6.01
Start time of products	04-07-2008 (04JUL2008 00:00:00)
Stop time of products	05-07-2008 (05JUL2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	324
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__2PRFIN20080704_000344_000000382070_00045_33165_4582.N1	04-JUL-2008 00:03:44	Twilight	37.500	147	Alp Ara	2.8770	26000.	75	33165	No
2	GOM_NL__2PRFIN20080704_000533_000000392070_00045_33165_4583.N1	04-JUL-2008 00:05:33	Twilight	39.000	40	The Sco	1.8590	7100.0	78	33165	No
3	GOM_NL__2PRFIN20080704_000712_000000412070_00045_33165_4584.N1	04-JUL-2008 00:07:12	Twilight	40.500	25	35Lam Sco	1.6200	28000.	81	33165	No
4	GOM_NL__2PRFIN20080704_000839_000000542070_00045_33165_4585.N1	04-JUL-2008 00:08:39	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	33165	No
5	GOM_NL__2PRFIN20080704_001322_000000372070_00045_33165_4586.N1	04-JUL-2008 00:13:22	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33165	No
6	GOM_NL__2PRFIN20080704_001854_000000362070_00045_33165_4587.N1	04-JUL-2008 00:18:54	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33165	No
7	GOM_NL__2PRFIN20080704_002113_000000352070_00045_33165_4588.N1	04-JUL-2008 00:21:13	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	33165	No
8	GOM_NL__2PRFIN20080704_002404_000000372070_00045_33165_4589.N1	04-JUL-2008 00:24:04	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33165	No
9	GOM_NL__2PRFIN20080704_002645_000000362070_00045_33165_4590.N1	04-JUL-2008 00:26:45	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33165	No
10	GOM_NL__2PRFIN20080704_003235_000000352070_00045_33165_4591.N1	04-JUL-2008 00:32:35	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	33165	No
11	GOM_NL__2PRFIN20080704_003507_000000362070_00045_33165_4592.N1	04-JUL-2008 00:35:07	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33165	No
12	GOM_NL__2PRFIN20080704_003911_000000352070_00045_33165_4593.N1	04-JUL-2008 00:39:11	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	33165	No
13	GOM_NL__2PRFIN20080704_004317_000000342070_00045_33165_4594.N1	04-JUL-2008 00:43:17	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33165	No
14	GOM_NL__2PRFIN20080704_005332_000000492070_00045_33165_4595.N1	04-JUL-2008 00:53:32	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	33165	No
15	GOM_NL__2PRFIN20080704_005520_000000372070_00045_33165_4596.N1	04-JUL-2008 00:55:20	Bright	37.000	175	39Del Per	3.0100	19400.	74	33165	No
16	GOM_NL__2PRFIN20080704_005735_000000412070_00045_33165_4597.N1	04-JUL-2008 00:57:35	Bright	41.000	149	45Eps Per	2.8880	30000.	82	33165	No
17	GOM_NL__2PRFIN20080704_005959_000000392070_00045_33165_4598.N1	04-JUL-2008 00:59:59	Bright	39.000	150	44Zet Per	2.8900	28000.	78	33165	No
18	GOM_NL__2PRFIN20080704_010220_000000412070_00045_33165_4599.N1	04-JUL-2008 01:02:20	Twilight	41.000	146	25Eta Tau	2.8730	15200.	82	33165	No
19	GOM_NL__2PRFIN20080704_011247_000000412070_00045_33165_4600.N1	04-JUL-2008 01:12:47	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	33165	No
20	GOM_NL__2PRFIN20080704_012729_000000522070_00046_33166_4595.N1	04-JUL-2008 01:27:29	Dark	52.000	9	Alp Eri	0.45300	24000.	104	33166	No
21	GOM_NL__2PRFIN20080704_013155_000000372070_00046_33166_4596.N1	04-JUL-2008 01:31:55	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33166	No
22	GOM_NL__2PRFIN20080704_013500_000000412070_00046_33166_4597.N1	04-JUL-2008 01:35:00	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33166	No
23	GOM_NL__2PRFIN20080704_013917_000000402070_00046_33166_4598.N1	04-JUL-2008 01:39:17	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33166	No
24	GOM_NL__2PRFIN20080704_014420_000000372070_00046_33166_4599.N1	04-JUL-2008 01:44:20	Twilight	37.000	147	Alp Ara	2.8770	26000.	74	33166	No
25	GOM_NL__2PRFIN20080704_014609_000000422070_00046_33166_4600.N1	04-JUL-2008 01:46:09	Twilight	41.500	40	The Sco	1.8590	7100.0	83	33166	No
26	GOM_NL__2PRFIN20080704_014749_000000392070_00046_33166_4601.N1	04-JUL-2008 01:47:49	Twilight	39.000	25	35Lam Sco	1.6200	28000.	78	33166	No
27	GOM_NL__2PRFIN20080704_014915_000000492070_00046_33166_4602.N1	04-JUL-2008 01:49:15	Bright	49.000	116	19Del Sgr	2.7000	4100.0	98	33166	No
28	GOM_NL__2PRFIN20080704_015358_000000372070_00046_33166_4603.N1	04-JUL-2008 01:53:58	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33166	No
29	GOM_NL__2PRFIN20080704_015930_000000362070_00046_33166_4604.N1	04-JUL-2008 01:59:30	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33166	No
30	GOM_NL__2PRFIN20080704_020149_000000352070_00046_33166_4605.N1	04-JUL-2008 02:01:49	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	33166	No
31	GOM_NL__2PRFIN20080704_020440_000000362070_00046_33166_4606.N1	04-JUL-2008 02:04:40	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	33166	No
32	GOM_NL__2PRFIN20080704_020721_000000342070_00046_33166_4607.N1	04-JUL-2008 02:07:21	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	33166	No
33	GOM_NL__2PRFIN20080704_021311_000000382070_00046_33166_4608.N1	04-JUL-2008 02:13:11	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33166	No
34	GOM_NL__2PRFIN20080704_021543_000000362070_00046_33166_4609.N1	04-JUL-2008 02:15:43	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33166	No
35	GOM_NL__2PRFIN20080704_021947_000000322070_00046_33166_4610.N1	04-JUL-2008 02:19:47	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	33166	No
36	GOM_NL__2PRFIN20080704_022353_000000332070_00046_33166_4611.N1	04-JUL-2008 02:23:53	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33166	No
37	GOM_NL__2PRFIN20080704_023408_000000382070_00046_33166_4612.N1	04-JUL-2008 02:34:08	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	33166	No
38	GOM_NL__2PRFIN20080704_023556_000000342070_00046_33166_4613.N1	04-JUL-2008 02:35:56	Bright	33.500	175	39Del Per	3.0100	19400.	67	33166	No
39	GOM_NL__2PRFIN20080704_023811_000000352070_00046_33166_4614.N1	04-JUL-2008 02:38:11	Bright	35.000	149	45Eps Per	2.8880	30000.	70	33166	No
40	GOM_NL__2PRFIN20080704_024035_000000382070_00046_33166_4615.N1	04-JUL-2008 02:40:35	Bright	37.500	150	44Zet Per	2.8900	28000.	75	33166	No
41	GOM_NL__2PRFIN20080704_024256_000000402070_00046_33166_4616.N1	04-JUL-2008 02:42:56	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	33166	No
42	GOM_NL__2PRFIN20080704_025324_000000442070_00046_33166_4617.N1	04-JUL-2008 02:53:24	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	33166	No

43	GOM_NL__2PRFIN20080704_030155_000000412070_00046_33166_4618.N1	04-JUL-2008 03:01:55	Dark	40.500	157	The1Eri	2.9060	9300.0	81	33166	No
44	GOM_NL__2PRFIN20080704_030805_000000452070_00047_33167_4606.N1	04-JUL-2008 03:08:05	Dark	45.000	9	Alp Eri	0.45300	24000.	90	33167	No
45	GOM_NL__2PRFIN20080704_031231_000000372070_00047_33167_4607.N1	04-JUL-2008 03:12:31	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33167	No
46	GOM_NL__2PRFIN20080704_031537_000000412070_00047_33167_4608.N1	04-JUL-2008 03:15:37	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	33167	No
47	GOM_NL__2PRFIN20080704_031953_000000442070_00047_33167_4609.N1	04-JUL-2008 03:19:53	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	33167	No
48	GOM_NL__2PRFIN20080704_032456_000000372070_00047_33167_4610.N1	04-JUL-2008 03:24:56	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	33167	No
49	GOM_NL__2PRFIN20080704_032645_000000432070_00047_33167_4611.N1	04-JUL-2008 03:26:45	Twi_and_stray	42.500	40	The Sco	1.8590	7100.0	85	33167	No
50	GOM_NL__2PRFIN20080704_032825_000000412070_00047_33167_4612.N1	04-JUL-2008 03:28:25	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33167	No
51	GOM_NL__2PRFIN20080704_032951_000000462070_00047_33167_4613.N1	04-JUL-2008 03:29:51	Bright	46.000	116	19Del Sgr	2.7000	4100.0	92	33167	No
52	GOM_NL__2PRFIN20080704_033435_000000372070_00047_33167_4614.N1	04-JUL-2008 03:34:35	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33167	No
53	GOM_NL__2PRFIN20080704_034006_000000362070_00047_33167_4615.N1	04-JUL-2008 03:40:06	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33167	No
54	GOM_NL__2PRFIN20080704_034225_000000482070_00047_33167_4616.N1	04-JUL-2008 03:42:25	Bright	48.000	59	55Alp Oph	2.0800	8900.0	96	33167	No
55	GOM_NL__2PRFIN20080704_034516_000000362070_00047_33167_4617.N1	04-JUL-2008 03:45:16	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	33167	No
56	GOM_NL__2PRFIN20080704_034757_000000362070_00047_33167_4618.N1	04-JUL-2008 03:47:57	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33167	No
57	GOM_NL__2PRFIN20080704_035347_000000382070_00047_33167_4619.N1	04-JUL-2008 03:53:47	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33167	No
58	GOM_NL__2PRFIN20080704_035619_000000332070_00047_33167_4620.N1	04-JUL-2008 03:56:19	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	33167	No
59	GOM_NL__2PRFIN20080704_040023_000000362070_00047_33167_4621.N1	04-JUL-2008 04:00:23	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33167	No
60	GOM_NL__2PRFIN20080704_040429_000000362070_00047_33167_4622.N1	04-JUL-2008 04:04:29	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33167	No
61	GOM_NL__2PRFIN20080704_041444_000000382070_00047_33167_4623.N1	04-JUL-2008 04:14:44	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	33167	No
62	GOM_NL__2PRFIN20080704_041632_000000452070_00047_33167_4624.N1	04-JUL-2008 04:16:32	Bright	45.000	175	39Del Per	3.0100	19400.	90	33167	No
63	GOM_NL__2PRFIN20080704_041847_000000372070_00047_33167_4625.N1	04-JUL-2008 04:18:47	Bright	37.000	149	45Eps Per	2.8880	30000.	74	33167	No
64	GOM_NL__2PRFIN20080704_042111_000000392070_00047_33167_4626.N1	04-JUL-2008 04:21:11	Bright	39.000	150	44Zet Per	2.8900	28000.	78	33167	No
65	GOM_NL__2PRFIN20080704_042333_000000392070_00047_33167_4627.N1	04-JUL-2008 04:23:33	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	33167	No
66	GOM_NL__2PRFIN20080704_043400_000000442070_00047_33167_4628.N1	04-JUL-2008 04:34:00	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	33167	No
67	GOM_NL__2PRFIN20080704_044232_000000422070_00047_33167_4629.N1	04-JUL-2008 04:42:32	Dark	41.500	157	The1Eri	2.9060	9300.0	83	33167	No
68	GOM_NL__2PRFIN20080704_044842_000000512070_00048_33168_4621.N1	04-JUL-2008 04:48:42	Dark	51.000	9	Alp Eri	0.45300	24000.	102	33168	No
69	GOM_NL__2PRFIN20080704_045308_000000372070_00048_33168_4622.N1	04-JUL-2008 04:53:08	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33168	No
70	GOM_NL__2PRFIN20080704_045614_000000442070_00048_33168_4623.N1	04-JUL-2008 04:56:14	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	33168	No
71	GOM_NL__2PRFIN20080704_050030_000000412070_00048_33168_4624.N1	04-JUL-2008 05:00:30	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33168	No
72	GOM_NL__2PRFIN20080704_050532_000000382070_00048_33168_4625.N1	04-JUL-2008 05:05:32	Twi_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33168	No
73	GOM_NL__2PRFIN20080704_050721_000000412070_00048_33168_4626.N1	04-JUL-2008 05:07:21	Twi_and_stray	40.500	40	The Sco	1.8590	7100.0	81	33168	No
74	GOM_NL__2PRFIN20080704_050901_000000402070_00048_33168_4627.N1	04-JUL-2008 05:09:01	Twi_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	33168	No
75	GOM_NL__2PRFIN20080704_051027_000000432070_00048_33168_4628.N1	04-JUL-2008 05:10:27	Bright	43.000	116	19Del Sgr	2.7000	4100.0	86	33168	No
76	GOM_NL__2PRFIN20080704_051511_000000362070_00048_33168_4629.N1	04-JUL-2008 05:15:11	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33168	No
77	GOM_NL__2PRFIN20080704_052042_000000362070_00048_33168_4630.N1	04-JUL-2008 05:20:42	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33168	No
78	GOM_NL__2PRFIN20080704_052301_000000362070_00048_33168_4631.N1	04-JUL-2008 05:23:01	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33168	No
79	GOM_NL__2PRFIN20080704_052552_000000372070_00048_33168_4632.N1	04-JUL-2008 05:25:52	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33168	No
80	GOM_NL__2PRFIN20080704_052833_000000342070_00048_33168_4633.N1	04-JUL-2008 05:28:33	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	33168	No
81	GOM_NL__2PRFIN20080704_053422_000000372070_00048_33168_4634.N1	04-JUL-2008 05:34:22	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	33168	No
82	GOM_NL__2PRFIN20080704_053655_000000362070_00048_33168_4635.N1	04-JUL-2008 05:36:55	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33168	No
83	GOM_NL__2PRFIN20080704_054059_000000372070_00048_33168_4636.N1	04-JUL-2008 05:40:59	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	33168	No
84	GOM_NL__2PRFIN20080704_054505_000000322070_00048_33168_4637.N1	04-JUL-2008 05:45:05	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	33168	No
85	GOM_NL__2PRFIN20080704_055520_000000432070_00048_33168_4638.N1	04-JUL-2008 05:55:20	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	33168	No
86	GOM_NL__2PRFIN20080704_055708_000000542070_00048_33168_4639.N1	04-JUL-2008 05:57:08	Bright	54.000	175	39Del Per	3.0100	19400.	108	33168	No
87	GOM_NL__2PRFIN20080704_055923_000000332070_00048_33168_4640.N1	04-JUL-2008 05:59:23	Bright	33.000	149	45Eps Per	2.8880	30000.	66	33168	No
88	GOM_NL__2PRFIN20080704_060148_000000382070_00048_33168_4641.N1	04-JUL-2008 06:01:48	Bright	37.500	150	44Zet Per	2.8900	28000.	75	33168	No
89	GOM_NL__2PRFIN20080704_060409_000000402070_00048_33168_4642.N1	04-JUL-2008 06:04:09	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	33168	No
90	GOM_NL__2PRFIN20080704_061436_000000432070_00048_33168_4643.N1	04-JUL-2008 06:14:36	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	33168	No
91	GOM_NL__2PRFIN20080704_062308_000000412070_00048_33168_4644.N1	04-JUL-2008 06:23:08	Dark	41.000	157	The1Eri	2.9060	9300.0	82	33168	No
92	GOM_NL__2PRFIN20080704_062918_000000512070_00049_33169_4634.N1	04-JUL-2008 06:29:18	Dark	51.000	9	Alp Eri	0.45300	24000.	102	33169	No
93	GOM_NL__2PRFIN20080704_063344_000000362070_00049_33169_4635.N1	04-JUL-2008 06:33:44	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33169	No
94	GOM_NL__2PRFIN20080704_063650_000000412070_00049_33169_4636.N1	04-JUL-2008 06:36:50	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	33169	No
95	GOM_NL__2PRFIN20080704_064106_000000392070_00049_33169_4637.N1	04-JUL-2008 06:41:06	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	33169	No
96	GOM_NL__2PRFIN20080704_064608_000000392070_00049_33169_4638.N1	04-JUL-2008 06:46:08	Twi_and_stray	38.500	147	Alp Ara	2.8770	26000.	77	33169	No
97	GOM_NL__2PRFIN20080704_064757_000000412070_00049_33169_4639.N1	04-JUL-2008 06:47:57	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	33169	No
98	GOM_NL__2PRFIN20080704_064937_000000412070_00049_33169_4640.N1	04-JUL-2008 06:49:37	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33169	No
99	GOM_NL__2PRFIN20080704_065104_000000462070_00049_33169_4641.N1	04-JUL-2008 06:51:04	Bright	45.500	116	19Del Sgr	2.7000	4100.0	91	33169	No
100	GOM_NL__2PRFIN20080704_065547_000000362070_00049_33169_4642.N1	04-JUL-2008 06:55:47	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33169	No
101	GOM_NL__2PRFIN20080704_070118_000000362070_00049_33169_4643.N1	04-JUL-2008 07:01:18	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33169	No

102	GOM_NL__2PRFIN20080704_070337_000000362070_00049_33169_4644.N1	04-JUL-2008 07:03:37	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33169	No
103	GOM_NL__2PRFIN20080704_070628_000000372070_00049_33169_4645.N1	04-JUL-2008 07:06:28	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33169	No
104	GOM_NL__2PRFIN20080704_070909_000000362070_00049_33169_4646.N1	04-JUL-2008 07:09:09	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33169	No
105	GOM_NL__2PRFIN20080704_071458_000000372070_00049_33169_4647.N1	04-JUL-2008 07:14:58	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33169	No
106	GOM_NL__2PRFIN20080704_071731_000000362070_00049_33169_4648.N1	04-JUL-2008 07:17:31	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33169	No
107	GOM_NL__2PRFIN20080704_072135_000000362070_00049_33169_4649.N1	04-JUL-2008 07:21:35	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33169	No
108	GOM_NL__2PRFIN20080704_072541_000000342070_00049_33169_4650.N1	04-JUL-2008 07:25:41	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33169	No
109	GOM_NL__2PRFIN20080704_073556_000000542070_00049_33169_4651.N1	04-JUL-2008 07:35:56	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	33169	No
110	GOM_NL__2PRFIN20080704_073744_000000342070_00049_33169_4652.N1	04-JUL-2008 07:37:44	Bright	34.000	175	39Del Per	3.0100	19400.	68	33169	No
111	GOM_NL__2PRFIN20080704_073959_000000342070_00049_33169_4653.N1	04-JUL-2008 07:39:59	Bright	33.500	149	45Eps Per	2.8880	30000.	67	33169	No
112	GOM_NL__2PRFIN20080704_074223_000000392070_00049_33169_4654.N1	04-JUL-2008 07:42:23	Bright	39.000	150	44Zet Per	2.8900	28000.	78	33169	No
113	GOM_NL__2PRFIN20080704_074445_000000402070_00049_33169_4655.N1	04-JUL-2008 07:44:45	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33169	No
114	GOM_NL__2PRFIN20080704_075512_000000432070_00049_33169_4656.N1	04-JUL-2008 07:55:12	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	33169	No
115	GOM_NL__2PRFIN20080704_080345_000000402070_00049_33169_4657.N1	04-JUL-2008 08:03:45	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33169	No
116	GOM_NL__2PRFIN20080704_080955_000000412070_00050_33170_4656.N1	04-JUL-2008 08:09:55	Dark	40.500	9	Alp Eri	0.45300	24000.	81	33170	No
117	GOM_NL__2PRFIN20080704_081420_000000372070_00050_33170_4657.N1	04-JUL-2008 08:14:20	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33170	No
118	GOM_NL__2PRFIN20080704_081727_000000432070_00050_33170_4658.N1	04-JUL-2008 08:17:27	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	33170	No
119	GOM_NL__2PRFIN20080704_082142_000000442070_00050_33170_4659.N1	04-JUL-2008 08:21:42	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	33170	No
120	GOM_NL__2PRFIN20080704_082645_000000372070_00050_33170_4660.N1	04-JUL-2008 08:26:45	Tw_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	33170	No
121	GOM_NL__2PRFIN20080704_082834_000000402070_00050_33170_4661.N1	04-JUL-2008 08:28:34	Tw_and_stray	39.500	40	The Sco	1.8590	7100.0	79	33170	No
122	GOM_NL__2PRFIN20080704_083013_000000402070_00050_33170_4662.N1	04-JUL-2008 08:30:13	Tw_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	33170	No
123	GOM_NL__2PRFIN20080704_083140_000000452070_00050_33170_4663.N1	04-JUL-2008 08:31:40	Bright	44.500	116	19Del Sgr	2.7000	4100.0	89	33170	No
124	GOM_NL__2PRFIN20080704_083623_000000362070_00050_33170_4664.N1	04-JUL-2008 08:36:23	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33170	No
125	GOM_NL__2PRFIN20080704_084154_000000372070_00050_33170_4665.N1	04-JUL-2008 08:41:54	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33170	No
126	GOM_NL__2PRFIN20080704_084413_000000372070_00050_33170_4666.N1	04-JUL-2008 08:44:13	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33170	No
127	GOM_NL__2PRFIN20080704_084704_000000362070_00050_33170_4667.N1	04-JUL-2008 08:47:04	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	33170	No
128	GOM_NL__2PRFIN20080704_084945_000000352070_00050_33170_4668.N1	04-JUL-2008 08:49:45	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33170	No
129	GOM_NL__2PRFIN20080704_085534_000000382070_00050_33170_4669.N1	04-JUL-2008 08:55:34	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	33170	No
130	GOM_NL__2PRFIN20080704_085807_000000352070_00050_33170_4670.N1	04-JUL-2008 08:58:07	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	33170	No
131	GOM_NL__2PRFIN20080704_090211_000000362070_00050_33170_4671.N1	04-JUL-2008 09:02:11	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	33170	No
132	GOM_NL__2PRFIN20080704_090617_000000362070_00050_33170_4672.N1	04-JUL-2008 09:06:17	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33170	No
133	GOM_NL__2PRFIN20080704_091631_000000402070_00050_33170_4673.N1	04-JUL-2008 09:16:31	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	33170	No
134	GOM_NL__2PRFIN20080704_091820_000000372070_00050_33170_4674.N1	04-JUL-2008 09:18:20	Bright	36.500	175	39Del Per	3.0100	19400.	73	33170	No
135	GOM_NL__2PRFIN20080704_092035_000000342070_00050_33170_4675.N1	04-JUL-2008 09:20:35	Bright	33.500	149	45Eps Per	2.8880	30000.	67	33170	No
136	GOM_NL__2PRFIN20080704_092300_000000382070_00050_33170_4676.N1	04-JUL-2008 09:23:00	Bright	38.000	150	44Zet Per	2.8900	28000.	76	33170	No
137	GOM_NL__2PRFIN20080704_092521_000000412070_00050_33170_4677.N1	04-JUL-2008 09:25:21	Twilight	41.000	146	25Eta Tau	2.8730	15200.	82	33170	No
138	GOM_NL__2PRFIN20080704_093549_000000422070_00050_33170_4678.N1	04-JUL-2008 09:35:49	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	33170	No
139	GOM_NL__2PRFIN20080704_094421_000000392070_00050_33170_4679.N1	04-JUL-2008 09:44:21	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33170	No
140	GOM_NL__2PRFIN20080704_095031_000000502070_00051_33171_4669.N1	04-JUL-2008 09:50:31	Dark	49.500	9	Alp Eri	0.45300	24000.	99	33171	No
141	GOM_NL__2PRFIN20080704_095456_000000362070_00051_33171_4670.N1	04-JUL-2008 09:54:56	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33171	No
142	GOM_NL__2PRFIN20080704_095803_000000402070_00051_33171_4671.N1	04-JUL-2008 09:58:03	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	33171	No
143	GOM_NL__2PRFIN20080704_100219_000000392070_00051_33171_4672.N1	04-JUL-2008 10:02:19	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	33171	No
144	GOM_NL__2PRFIN20080704_100721_000000392070_00051_33171_4673.N1	04-JUL-2008 10:07:21	Tw_and_stray	39.000	147	Alp Ara	2.8770	26000.	78	33171	No
145	GOM_NL__2PRFIN20080704_100910_000000422070_00051_33171_4674.N1	04-JUL-2008 10:09:10	Tw_and_stray	42.000	40	The Sco	1.8590	7100.0	84	33171	No
146	GOM_NL__2PRFIN20080704_101049_000000412070_00051_33171_4675.N1	04-JUL-2008 10:10:49	Tw_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	33171	No
147	GOM_NL__2PRFIN20080704_101216_000000512070_00051_33171_4676.N1	04-JUL-2008 10:12:16	Bright	51.000	116	19Del Sgr	2.7000	4100.0	102	33171	No
148	GOM_NL__2PRFIN20080704_101659_000000362070_00051_33171_4677.N1	04-JUL-2008 10:16:59	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	33171	No
149	GOM_NL__2PRFIN20080704_102230_000000382070_00051_33171_4678.N1	04-JUL-2008 10:22:30	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33171	No
150	GOM_NL__2PRFIN20080704_102449_000000382070_00051_33171_4679.N1	04-JUL-2008 10:24:49	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33171	No
151	GOM_NL__2PRFIN20080704_102740_000000372070_00051_33171_4680.N1	04-JUL-2008 10:27:40	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33171	No
152	GOM_NL__2PRFIN20080704_103021_000000362070_00051_33171_4681.N1	04-JUL-2008 10:30:21	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33171	No
153	GOM_NL__2PRFIN20080704_103610_000000382070_00051_33171_4682.N1	04-JUL-2008 10:36:10	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33171	No
154	GOM_NL__2PRFIN20080704_103843_000000362070_00051_33171_4683.N1	04-JUL-2008 10:38:43	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33171	No
155	GOM_NL__2PRFIN20080704_104247_000000362070_00051_33171_4684.N1	04-JUL-2008 10:42:47	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33171	No
156	GOM_NL__2PRFIN20080704_104653_000000372070_00051_33171_4685.N1	04-JUL-2008 10:46:53	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	33171	No
157	GOM_NL__2PRFIN20080704_105707_000000572070_00051_33171_4686.N1	04-JUL-2008 10:57:07	Bright	57.000	160	23Gam Per	2.9300	4700.0	114	33171	No
158	GOM_NL__2PRFIN20080704_105855_000000352070_00051_33171_4687.N1	04-JUL-2008 10:58:55	Bright	34.500	175	39Del Per	3.0100	19400.	69	33171	No
159	GOM_NL__2PRFIN20080704_110111_000000342070_00051_33171_4688.N1	04-JUL-2008 11:01:11	Bright	34.000	149	45Eps Per	2.8880	30000.	68	33171	No
160	GOM_NL__2PRFIN20080704_110336_000000402070_00051_33171_4689.N1	04-JUL-2008 11:03:36	Bright	39.500	150	44Zet Per	2.8900	28000.	79	33171	No

161	GOM_NL__2PRFIN20080704_110557_000000412070_00051_33171_4690.N1	04-JUL-2008 11:05:57	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	33171	No
162	GOM_NL__2PRFIN20080704_111625_000000432070_00051_33171_4691.N1	04-JUL-2008 11:16:25	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	33171	No
163	GOM_NL__2PRFIN20080704_112457_000000412070_00051_33171_4692.N1	04-JUL-2008 11:24:57	Dark	40.500	157	The1Eri	2.9060	9300.0	81	33171	No
164	GOM_NL__2PRFIN20080704_113108_000000532070_00052_33172_4682.N1	04-JUL-2008 11:31:08	Dark	52.500	9	Alp Eri	0.45300	24000.	105	33172	No
165	GOM_NL__2PRFIN20080704_113532_000000362070_00052_33172_4683.N1	04-JUL-2008 11:35:32	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33172	No
166	GOM_NL__2PRFIN20080704_113840_000000432070_00052_33172_4684.N1	04-JUL-2008 11:38:40	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	33172	No
167	GOM_NL__2PRFIN20080704_114255_000000402070_00052_33172_4685.N1	04-JUL-2008 11:42:55	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33172	No
168	GOM_NL__2PRFIN20080704_114946_000000432070_00052_33172_4686.N1	04-JUL-2008 11:49:46	Twi_and_stray	42.500	40	The Sco	1.8590	7100.0	85	33172	No
169	GOM_NL__2PRFIN20080704_115125_000000442070_00052_33172_4687.N1	04-JUL-2008 11:51:25	Twi_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	33172	No
170	GOM_NL__2PRFIN20080704_115252_000000452070_00052_33172_4688.N1	04-JUL-2008 11:52:52	Bright	44.500	116	19Del Sgr	2.7000	4100.0	89	33172	No
171	GOM_NL__2PRFIN20080704_115735_000000372070_00052_33172_4689.N1	04-JUL-2008 11:57:35	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33172	No
172	GOM_NL__2PRFIN20080704_120306_000000372070_00052_33172_4690.N1	04-JUL-2008 12:03:06	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33172	No
173	GOM_NL__2PRFIN20080704_120525_000000372070_00052_33172_4691.N1	04-JUL-2008 12:05:25	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33172	No
174	GOM_NL__2PRFIN20080704_120817_000000342070_00052_33172_4692.N1	04-JUL-2008 12:08:17	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	33172	No
175	GOM_NL__2PRFIN20080704_121057_000000372070_00052_33172_4693.N1	04-JUL-2008 12:10:57	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	33172	No
176	GOM_NL__2PRFIN20080704_121646_000000372070_00052_33172_4694.N1	04-JUL-2008 12:16:46	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33172	No
177	GOM_NL__2PRFIN20080704_121919_000000352070_00052_33172_4695.N1	04-JUL-2008 12:19:19	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	33172	No
178	GOM_NL__2PRFIN20080704_122324_000000362070_00052_33172_4696.N1	04-JUL-2008 12:23:24	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33172	No
179	GOM_NL__2PRFIN20080704_122729_000000372070_00052_33172_4697.N1	04-JUL-2008 12:27:29	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	33172	No
180	GOM_NL__2PRFIN20080704_123743_000000362070_00052_33172_4698.N1	04-JUL-2008 12:37:43	Bright	36.000	160	23Gam Per	2.9300	4700.0	72	33172	No
181	GOM_NL__2PRFIN20080704_123931_000000342070_00052_33172_4699.N1	04-JUL-2008 12:39:31	Bright	34.000	175	39Del Per	3.0100	19400.	68	33172	No
182	GOM_NL__2PRFIN20080704_124147_000000352070_00052_33172_4700.N1	04-JUL-2008 12:41:47	Bright	34.500	149	45Eps Per	2.8880	30000.	69	33172	No
183	GOM_NL__2PRFIN20080704_124412_000000392070_00052_33172_4701.N1	04-JUL-2008 12:44:12	Bright	39.000	150	44Zet Per	2.8900	28000.	78	33172	No
184	GOM_NL__2PRFIN20080704_124633_000000412070_00052_33172_4702.N1	04-JUL-2008 12:46:33	Twilight	41.000	146	25Eta Tau	2.8730	15200.	82	33172	No
185	GOM_NL__2PRFIN20080704_125701_000000422070_00052_33172_4703.N1	04-JUL-2008 12:57:01	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	33172	No
186	GOM_NL__2PRFIN20080704_130534_000000392070_00052_33172_4704.N1	04-JUL-2008 13:05:34	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33172	No
187	GOM_NL__2PRFIN20080704_131144_000000492070_00053_33173_4696.N1	04-JUL-2008 13:11:44	Dark	49.000	9	Alp Eri	0.45300	24000.	98	33173	No
188	GOM_NL__2PRFIN20080704_131608_000000362070_00053_33173_4697.N1	04-JUL-2008 13:16:08	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	33173	No
189	GOM_NL__2PRFIN20080704_131916_000000432070_00053_33173_4698.N1	04-JUL-2008 13:19:16	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	33173	No
190	GOM_NL__2PRFIN20080704_132331_000000472070_00053_33173_4699.N1	04-JUL-2008 13:23:31	Straylight	46.500	45	Alp Pav	1.9400	26000.	93	33173	No
191	GOM_NL__2PRFIN20080704_133022_000000432070_00053_33173_4700.N1	04-JUL-2008 13:30:22	Twi_and_stray	42.500	40	The Sco	1.8590	7100.0	85	33173	No
192	GOM_NL__2PRFIN20080704_133202_000000412070_00053_33173_4701.N1	04-JUL-2008 13:32:02	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	33173	No
193	GOM_NL__2PRFIN20080704_133328_000000422070_00053_33173_4702.N1	04-JUL-2008 13:33:28	Bright	42.000	116	19Del Sgr	2.7000	4100.0	84	33173	No
194	GOM_NL__2PRFIN20080704_133811_000000372070_00053_33173_4703.N1	04-JUL-2008 13:38:11	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33173	No
195	GOM_NL__2PRFIN20080704_134342_000000362070_00053_33173_4704.N1	04-JUL-2008 13:43:42	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33173	No
196	GOM_NL__2PRFIN20080704_134601_000000352070_00053_33173_4705.N1	04-JUL-2008 13:46:01	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	33173	No
197	GOM_NL__2PRFIN20080704_134853_000000352070_00053_33173_4706.N1	04-JUL-2008 13:48:53	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33173	No
198	GOM_NL__2PRFIN20080704_135133_000000332070_00053_33173_4707.N1	04-JUL-2008 13:51:33	Bright	33.000	133	40Zet Her	2.8070	6000.0	66	33173	No
199	GOM_NL__2PRFIN20080704_135721_000000392070_00053_33173_4708.N1	04-JUL-2008 13:57:21	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	33173	No
200	GOM_NL__2PRFIN20080704_135955_000000352070_00053_33173_4709.N1	04-JUL-2008 13:59:55	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	33173	No
201	GOM_NL__2PRFIN20080704_140400_000000372070_00053_33173_4710.N1	04-JUL-2008 14:04:00	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	33173	No
202	GOM_NL__2PRFIN20080704_140805_000000332070_00053_33173_4711.N1	04-JUL-2008 14:08:05	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	33173	No
203	GOM_NL__2PRFIN20080704_141819_000000382070_00053_33173_4712.N1	04-JUL-2008 14:18:19	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	33173	No
204	GOM_NL__2PRFIN20080704_142007_000000342070_00053_33173_4713.N1	04-JUL-2008 14:20:07	Bright	33.500	175	39Del Per	3.0100	19400.	67	33173	No
205	GOM_NL__2PRFIN20080704_142223_000000452070_00053_33173_4714.N1	04-JUL-2008 14:22:23	Bright	45.000	149	45Eps Per	2.8880	30000.	90	33173	No
206	GOM_NL__2PRFIN20080704_142448_000000392070_00053_33173_4715.N1	04-JUL-2008 14:24:48	Bright	38.500	150	44Zet Per	2.8900	28000.	77	33173	No
207	GOM_NL__2PRFIN20080704_142709_000000412070_00053_33173_4716.N1	04-JUL-2008 14:27:09	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	33173	No
208	GOM_NL__2PRFIN20080704_143737_000000432070_00053_33173_4717.N1	04-JUL-2008 14:37:37	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	33173	No
209	GOM_NL__2PRFIN20080704_144610_000000412070_00053_33173_4718.N1	04-JUL-2008 14:46:10	Dark	40.500	157	The1Eri	2.9060	9300.0	81	33173	No
210	GOM_NL__2PRFIN20080704_145220_000000392070_00054_33174_4714.N1	04-JUL-2008 14:52:20	Dark	39.000	9	Alp Eri	0.45300	24000.	78	33174	No
211	GOM_NL__2PRFIN20080704_145645_000000372070_00054_33174_4715.N1	04-JUL-2008 14:56:45	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33174	No
212	GOM_NL__2PRFIN20080704_145953_000000412070_00054_33174_4716.N1	04-JUL-2008 14:59:53	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33174	No
213	GOM_NL__2PRFIN20080704_150408_000000402070_00054_33174_4717.N1	04-JUL-2008 15:04:08	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33174	No
214	GOM_NL__2PRFIN20080704_151058_000000422070_00054_33174_4718.N1	04-JUL-2008 15:10:58	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	33174	No
215	GOM_NL__2PRFIN20080704_151238_000000412070_00054_33174_4719.N1	04-JUL-2008 15:12:38	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	33174	No
216	GOM_NL__2PRFIN20080704_151404_000000442070_00054_33174_4720.N1	04-JUL-2008 15:14:04	Bright	43.500	116	19Del Sgr	2.7000	4100.0	87	33174	No
217	GOM_NL__2PRFIN20080704_151847_000000372070_00054_33174_4721.N1	04-JUL-2008 15:18:47	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33174	No
218	GOM_NL__2PRFIN20080704_152418_000000362070_00054_33174_4722.N1	04-JUL-2008 15:24:18	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33174	No
219	GOM_NL__2PRFIN20080704_152637_000000372070_00054_33174_4723.N1	04-JUL-2008 15:26:37	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33174	No

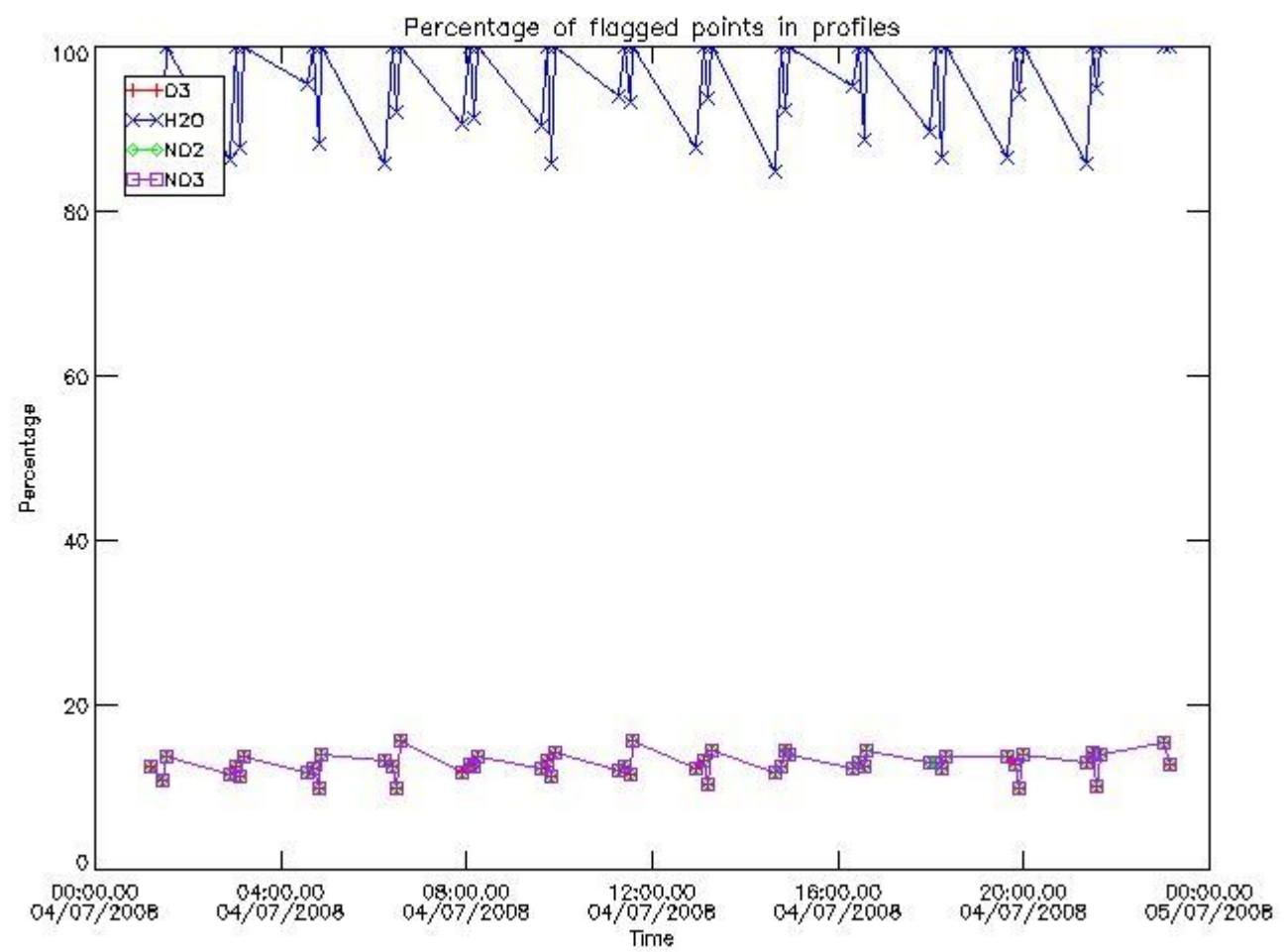
220	GOM_NL__2PRFIN20080704_152929_000000342070_00054_33174_4724.N1	04-JUL-2008 15:29:29	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	33174	No
221	GOM_NL__2PRFIN20080704_153209_000000352070_00054_33174_4725.N1	04-JUL-2008 15:32:09	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33174	No
222	GOM_NL__2PRFIN20080704_153757_000000352070_00054_33174_4726.N1	04-JUL-2008 15:37:57	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	33174	No
223	GOM_NL__2PRFIN20080704_154031_000000362070_00054_33174_4727.N1	04-JUL-2008 15:40:31	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33174	No
224	GOM_NL__2PRFIN20080704_154436_000000332070_00054_33174_4728.N1	04-JUL-2008 15:44:36	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	33174	No
225	GOM_NL__2PRFIN20080704_154841_000000342070_00054_33174_4729.N1	04-JUL-2008 15:48:41	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33174	No
226	GOM_NL__2PRFIN20080704_155855_000000452070_00054_33174_4730.N1	04-JUL-2008 15:58:55	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	33174	No
227	GOM_NL__2PRFIN20080704_160043_000000382070_00054_33174_4731.N1	04-JUL-2008 16:00:43	Bright	38.000	175	39Del Per	3.0100	19400.	76	33174	No
228	GOM_NL__2PRFIN20080704_160259_000000372070_00054_33174_4732.N1	04-JUL-2008 16:02:59	Bright	36.500	149	45Eps Per	2.8880	30000.	73	33174	No
229	GOM_NL__2PRFIN20080704_160524_000000382070_00054_33174_4733.N1	04-JUL-2008 16:05:24	Bright	37.500	150	44Zet Per	2.8900	28000.	75	33174	No
230	GOM_NL__2PRFIN20080704_160745_000000402070_00054_33174_4734.N1	04-JUL-2008 16:07:45	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33174	No
231	GOM_NL__2PRFIN20080704_161814_000000422070_00054_33174_4735.N1	04-JUL-2008 16:18:14	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	33174	No
232	GOM_NL__2PRFIN20080704_162647_000000392070_00054_33174_4736.N1	04-JUL-2008 16:26:47	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33174	No
233	GOM_NL__2PRFIN20080704_163257_000000412070_00055_33175_4727.N1	04-JUL-2008 16:32:57	Dark	40.500	9	Alp Eri	0.45300	24000.	81	33175	No
234	GOM_NL__2PRFIN20080704_163721_000000362070_00055_33175_4728.N1	04-JUL-2008 16:37:21	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	33175	No
235	GOM_NL__2PRFIN20080704_164029_000000392070_00055_33175_4729.N1	04-JUL-2008 16:40:29	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	33175	No
236	GOM_NL__2PRFIN20080704_164444_000000412070_00055_33175_4730.N1	04-JUL-2008 16:44:44	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33175	No
237	GOM_NL__2PRFIN20080704_165134_000000442070_00055_33175_4731.N1	04-JUL-2008 16:51:34	Tw_and_stray	44.000	40	The Sco	1.8590	7100.0	88	33175	No
238	GOM_NL__2PRFIN20080704_165314_000000412070_00055_33175_4732.N1	04-JUL-2008 16:53:14	Tw_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33175	No
239	GOM_NL__2PRFIN20080704_165440_000000452070_00055_33175_4733.N1	04-JUL-2008 16:54:40	Bright	44.500	116	19Del Sgr	2.7000	4100.0	89	33175	No
240	GOM_NL__2PRFIN20080704_165924_000000372070_00055_33175_4734.N1	04-JUL-2008 16:59:24	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33175	No
241	GOM_NL__2PRFIN20080704_170454_000000362070_00055_33175_4735.N1	04-JUL-2008 17:04:54	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33175	No
242	GOM_NL__2PRFIN20080704_170712_000000372070_00055_33175_4736.N1	04-JUL-2008 17:07:12	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33175	No
243	GOM_NL__2PRFIN20080704_171005_000000352070_00055_33175_4737.N1	04-JUL-2008 17:10:05	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33175	No
244	GOM_NL__2PRFIN20080704_171245_000000432070_00055_33175_4738.N1	04-JUL-2008 17:12:45	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	33175	No
245	GOM_NL__2PRFIN20080704_171833_000000362070_00055_33175_4739.N1	04-JUL-2008 17:18:33	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	33175	No
246	GOM_NL__2PRFIN20080704_172107_000000372070_00055_33175_4740.N1	04-JUL-2008 17:21:07	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33175	No
247	GOM_NL__2PRFIN20080704_172512_000000332070_00055_33175_4741.N1	04-JUL-2008 17:25:12	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	33175	No
248	GOM_NL__2PRFIN20080704_172917_000000362070_00055_33175_4742.N1	04-JUL-2008 17:29:17	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33175	No
249	GOM_NL__2PRFIN20080704_173931_000000482070_00055_33175_4743.N1	04-JUL-2008 17:39:31	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	33175	No
250	GOM_NL__2PRFIN20080704_174120_000000342070_00055_33175_4744.N1	04-JUL-2008 17:41:20	Bright	33.500	175	39Del Per	3.0100	19400.	67	33175	No
251	GOM_NL__2PRFIN20080704_174335_000000332070_00055_33175_4745.N1	04-JUL-2008 17:43:35	Bright	33.000	149	45Eps Per	2.8880	30000.	66	33175	No
252	GOM_NL__2PRFIN20080704_174600_000000392070_00055_33175_4746.N1	04-JUL-2008 17:46:00	Bright	39.000	150	44Zet Per	2.8900	28000.	78	33175	No
253	GOM_NL__2PRFIN20080704_174822_000000402070_00055_33175_4747.N1	04-JUL-2008 17:48:22	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	33175	No
254	GOM_NL__2PRFIN20080704_175850_000000392070_00055_33175_4748.N1	04-JUL-2008 17:58:50	Dark	39.000	165	34Gam Eri	2.9500	3200.0	78	33175	No
255	GOM_NL__2PRFIN20080704_180723_000000392070_00055_33175_4749.N1	04-JUL-2008 18:07:23	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33175	No
256	GOM_NL__2PRFIN20080704_181334_000000422070_00056_33176_4742.N1	04-JUL-2008 18:13:34	Dark	41.500	9	Alp Eri	0.45300	24000.	83	33176	No
257	GOM_NL__2PRFIN20080704_181757_000000372070_00056_33176_4743.N1	04-JUL-2008 18:17:57	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33176	No
258	GOM_NL__2PRFIN20080704_182106_000000402070_00056_33176_4744.N1	04-JUL-2008 18:21:06	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	33176	No
259	GOM_NL__2PRFIN20080704_182521_000000392070_00056_33176_4745.N1	04-JUL-2008 18:25:21	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	33176	No
260	GOM_NL__2PRFIN20080704_183210_000000432070_00056_33176_4746.N1	04-JUL-2008 18:32:10	Tw_and_stray	43.000	40	The Sco	1.8590	7100.0	86	33176	No
261	GOM_NL__2PRFIN20080704_183350_000000432070_00056_33176_4747.N1	04-JUL-2008 18:33:50	Tw_and_stray	42.500	25	35Lam Sco	1.6200	28000.	85	33176	No
262	GOM_NL__2PRFIN20080704_183517_000000442070_00056_33176_4748.N1	04-JUL-2008 18:35:17	Bright	44.000	116	19Del Sgr	2.7000	4100.0	88	33176	No
263	GOM_NL__2PRFIN20080704_184000_000000372070_00056_33176_4749.N1	04-JUL-2008 18:40:00	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33176	No
264	GOM_NL__2PRFIN20080704_184530_000000372070_00056_33176_4750.N1	04-JUL-2008 18:45:30	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33176	No
265	GOM_NL__2PRFIN20080704_184749_000000372070_00056_33176_4751.N1	04-JUL-2008 18:47:49	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33176	No
266	GOM_NL__2PRFIN20080704_185041_000000372070_00056_33176_4752.N1	04-JUL-2008 18:50:41	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33176	No
267	GOM_NL__2PRFIN20080704_185322_000000352070_00056_33176_4753.N1	04-JUL-2008 18:53:22	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33176	No
268	GOM_NL__2PRFIN20080704_185909_000000382070_00056_33176_4754.N1	04-JUL-2008 18:59:09	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	33176	No
269	GOM_NL__2PRFIN20080704_190143_000000362070_00056_33176_4755.N1	04-JUL-2008 19:01:43	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33176	No
270	GOM_NL__2PRFIN20080704_190548_000000382070_00056_33176_4756.N1	04-JUL-2008 19:05:48	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	33176	No
271	GOM_NL__2PRFIN20080704_190953_000000352070_00056_33176_4757.N1	04-JUL-2008 19:09:53	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33176	No
272	GOM_NL__2PRFIN20080704_192007_000000422070_00056_33176_4758.N1	04-JUL-2008 19:20:07	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	33176	No
273	GOM_NL__2PRFIN20080704_192156_000000402070_00056_33176_4759.N1	04-JUL-2008 19:21:56	Bright	39.500	175	39Del Per	3.0100	19400.	79	33176	No
274	GOM_NL__2PRFIN20080704_192411_000000332070_00056_33176_4760.N1	04-JUL-2008 19:24:11	Bright	33.000	149	45Eps Per	2.8880	30000.	66	33176	No
275	GOM_NL__2PRFIN20080704_192636_000000392070_00056_33176_4761.N1	04-JUL-2008 19:26:36	Bright	38.500	150	44Zet Per	2.8900	28000.	77	33176	No
276	GOM_NL__2PRFIN20080704_192858_000000402070_00056_33176_4762.N1	04-JUL-2008 19:28:58	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33176	No
277	GOM_NL__2PRFIN20080704_193926_000000412070_00056_33176_4763.N1	04-JUL-2008 19:39:26	Dark	41.000	165	34Gam Eri	2.9500	3200.0	82	33176	No
278	GOM_NL__2PRFIN20080704_194800_000000402070_00056_33176_4764.N1	04-JUL-2008 19:48:00	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33176	No

279	GOM_NL__2PRFIN20080704_195410_00000522070_00057_33177_4758.N1	04-JUL-2008 19:54:10	Dark	52.000	9	Alp Eri	0.45300	24000.	104	33177	No
280	GOM_NL__2PRFIN20080704_195833_00000372070_00057_33177_4759.N1	04-JUL-2008 19:58:33	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33177	No
281	GOM_NL__2PRFIN20080704_200142_00000422070_00057_33177_4760.N1	04-JUL-2008 20:01:42	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33177	No
282	GOM_NL__2PRFIN20080704_200557_00000402070_00057_33177_4761.N1	04-JUL-2008 20:05:57	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33177	No
283	GOM_NL__2PRFIN20080704_201246_00000422070_00057_33177_4762.N1	04-JUL-2008 20:12:46	Tw_i_and_stray	41.500	40	The Sco	1.8590	7100.0	83	33177	No
284	GOM_NL__2PRFIN20080704_201426_00000422070_00057_33177_4763.N1	04-JUL-2008 20:14:26	Tw_i_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	33177	No
285	GOM_NL__2PRFIN20080704_201553_00000542070_00057_33177_4764.N1	04-JUL-2008 20:15:53	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	33177	No
286	GOM_NL__2PRFIN20080704_202036_00000372070_00057_33177_4765.N1	04-JUL-2008 20:20:36	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33177	No
287	GOM_NL__2PRFIN20080704_202606_00000372070_00057_33177_4766.N1	04-JUL-2008 20:26:06	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33177	No
288	GOM_NL__2PRFIN20080704_202824_00000372070_00057_33177_4767.N1	04-JUL-2008 20:28:24	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33177	No
289	GOM_NL__2PRFIN20080704_203118_00000372070_00057_33177_4768.N1	04-JUL-2008 20:31:18	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33177	No
290	GOM_NL__2PRFIN20080704_203358_00000352070_00057_33177_4769.N1	04-JUL-2008 20:33:58	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33177	No
291	GOM_NL__2PRFIN20080704_203945_00000372070_00057_33177_4770.N1	04-JUL-2008 20:39:45	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33177	No
292	GOM_NL__2PRFIN20080704_204219_00000362070_00057_33177_4771.N1	04-JUL-2008 20:42:19	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33177	No
293	GOM_NL__2PRFIN20080704_204624_00000382070_00057_33177_4772.N1	04-JUL-2008 20:46:24	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	33177	No
294	GOM_NL__2PRFIN20080704_205029_00000372070_00057_33177_4773.N1	04-JUL-2008 20:50:29	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33177	No
295	GOM_NL__2PRFIN20080704_210043_00000372070_00057_33177_4774.N1	04-JUL-2008 21:00:43	Bright	36.500	160	23Gam Per	2.9300	4700.0	73	33177	No
296	GOM_NL__2PRFIN20080704_210231_00000512070_00057_33177_4775.N1	04-JUL-2008 21:02:31	Bright	51.000	175	39Del Per	3.0100	19400.	102	33177	No
297	GOM_NL__2PRFIN20080704_210447_00000342070_00057_33177_4776.N1	04-JUL-2008 21:04:47	Bright	33.500	149	45Eps Per	2.8880	30000.	67	33177	No
298	GOM_NL__2PRFIN20080704_210712_00000372070_00057_33177_4777.N1	04-JUL-2008 21:07:12	Bright	36.500	150	44Zet Per	2.8900	28000.	73	33177	No
299	GOM_NL__2PRFIN20080704_210934_00000402070_00057_33177_4778.N1	04-JUL-2008 21:09:34	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	33177	No
300	GOM_NL__2PRFIN20080704_212003_00000392070_00057_33177_4779.N1	04-JUL-2008 21:20:03	Dark	39.000	165	34Gam Eri	2.9500	3200.0	78	33177	No
301	GOM_NL__2PRFIN20080704_212836_00000402070_00057_33177_4780.N1	04-JUL-2008 21:28:36	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33177	No
302	GOM_NL__2PRFIN20080704_213446_00000512070_00058_33178_4770.N1	04-JUL-2008 21:34:46	Dark	50.500	9	Alp Eri	0.45300	24000.	101	33178	No
303	GOM_NL__2PRFIN20080704_213909_00000372070_00058_33178_4771.N1	04-JUL-2008 21:39:09	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33178	No
304	GOM_NL__2PRFIN20080704_214219_00000402070_00058_33178_4772.N1	04-JUL-2008 21:42:19	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	33178	No
305	GOM_NL__2PRFIN20080704_214634_00000402070_00058_33178_4773.N1	04-JUL-2008 21:46:34	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33178	No
306	GOM_NL__2PRFIN20080704_215323_00000412070_00058_33178_4774.N1	04-JUL-2008 21:53:23	Tw_i_and_stray	41.000	40	The Sco	1.8590	7100.0	82	33178	No
307	GOM_NL__2PRFIN20080704_215502_00000402070_00058_33178_4775.N1	04-JUL-2008 21:55:02	Tw_i_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	33178	No
308	GOM_NL__2PRFIN20080704_215629_00000452070_00058_33178_4776.N1	04-JUL-2008 21:56:29	Bright	45.000	116	19Del Sgr	2.7000	4100.0	90	33178	No
309	GOM_NL__2PRFIN20080704_220112_00000342070_00058_33178_4777.N1	04-JUL-2008 22:01:12	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	33178	No
310	GOM_NL__2PRFIN20080704_220642_00000372070_00058_33178_4778.N1	04-JUL-2008 22:06:42	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33178	No
311	GOM_NL__2PRFIN20080704_220900_00000372070_00058_33178_4779.N1	04-JUL-2008 22:09:00	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33178	No
312	GOM_NL__2PRFIN20080704_221154_00000372070_00058_33178_4780.N1	04-JUL-2008 22:11:54	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33178	No
313	GOM_NL__2PRFIN20080704_221434_00000352070_00058_33178_4781.N1	04-JUL-2008 22:14:34	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33178	No
314	GOM_NL__2PRFIN20080704_222021_00000532070_00058_33178_4782.N1	04-JUL-2008 22:20:21	Bright	53.000	130	23Bet Dra	2.7990	5800.0	106	33178	No
315	GOM_NL__2PRFIN20080704_222255_00000372070_00058_33178_4783.N1	04-JUL-2008 22:22:55	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	33178	No
316	GOM_NL__2PRFIN20080704_222700_00000362070_00058_33178_4784.N1	04-JUL-2008 22:27:00	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33178	No
317	GOM_NL__2PRFIN20080704_223105_00000372070_00058_33178_4785.N1	04-JUL-2008 22:31:05	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33178	No
318	GOM_NL__2PRFIN20080704_224118_00000372070_00058_33178_4786.N1	04-JUL-2008 22:41:18	Bright	37.000	160	23Gam Per	2.9300	4700.0	74	33178	No
319	GOM_NL__2PRFIN20080704_224307_00000542070_00058_33178_4787.N1	04-JUL-2008 22:43:07	Bright	54.000	175	39Del Per	3.0100	19400.	108	33178	No
320	GOM_NL__2PRFIN20080704_224523_00000342070_00058_33178_4788.N1	04-JUL-2008 22:45:23	Bright	33.500	149	45Eps Per	2.8880	30000.	67	33178	No
321	GOM_NL__2PRFIN20080704_224748_00000392070_00058_33178_4789.N1	04-JUL-2008 22:47:48	Bright	38.500	150	44Zet Per	2.8900	28000.	77	33178	No
322	GOM_NL__2PRFIN20080704_225010_00000392070_00058_33178_4790.N1	04-JUL-2008 22:50:10	Twilight	38.500	146	25Eta Tau	2.8730	15200.	77	33178	No
323	GOM_NL__2PRFIN20080704_230039_00000392070_00058_33178_4791.N1	04-JUL-2008 23:00:39	Dark	39.000	165	34Gam Eri	2.9500	3200.0	78	33178	No
324	GOM_NL__2PRFIN20080704_230912_00000402070_00058_33178_4792.N1	04-JUL-2008 23:09:12	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33178	No

3. Quality information per product

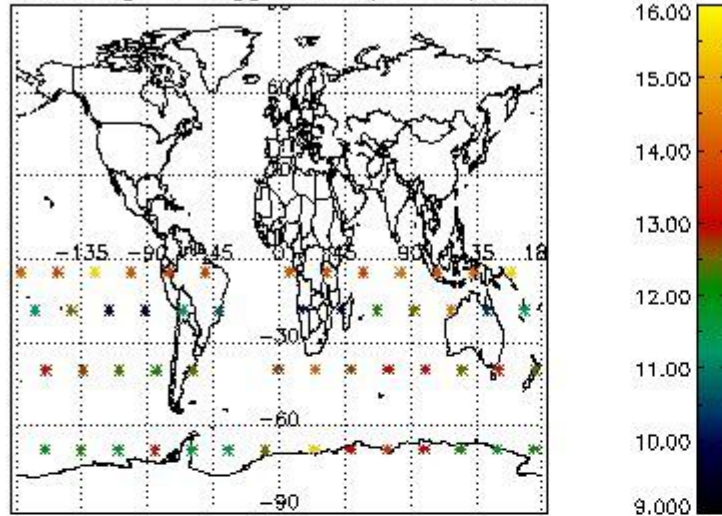
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

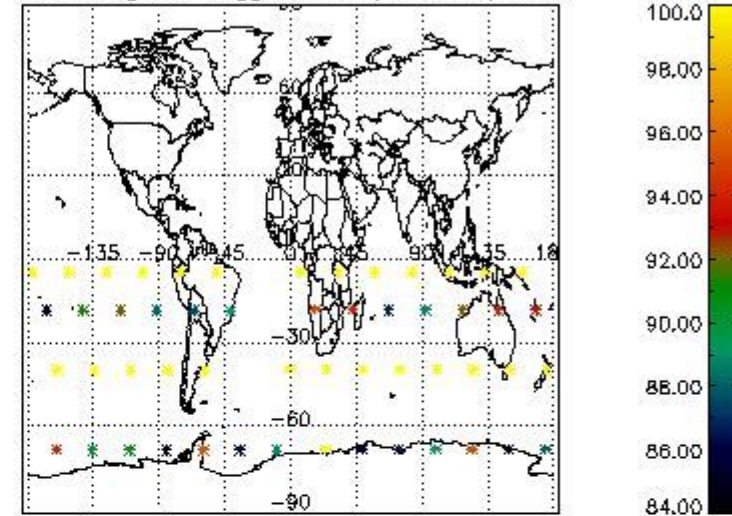


3.2 Plot quality information per product (world map)

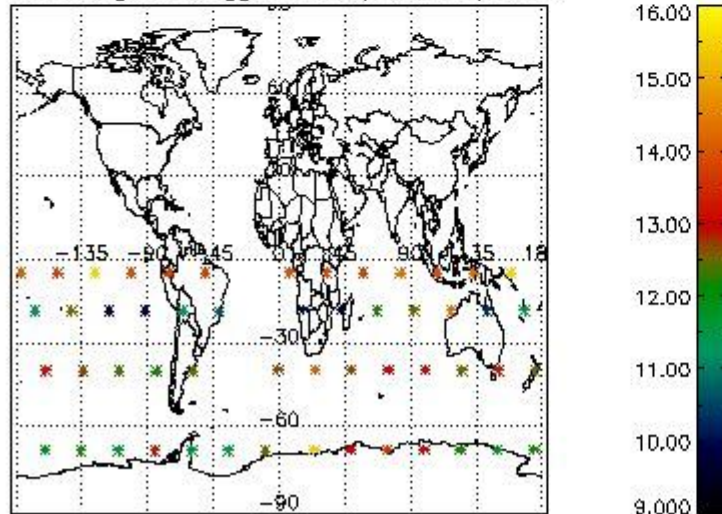
Percentage of flagged data per O3 profile



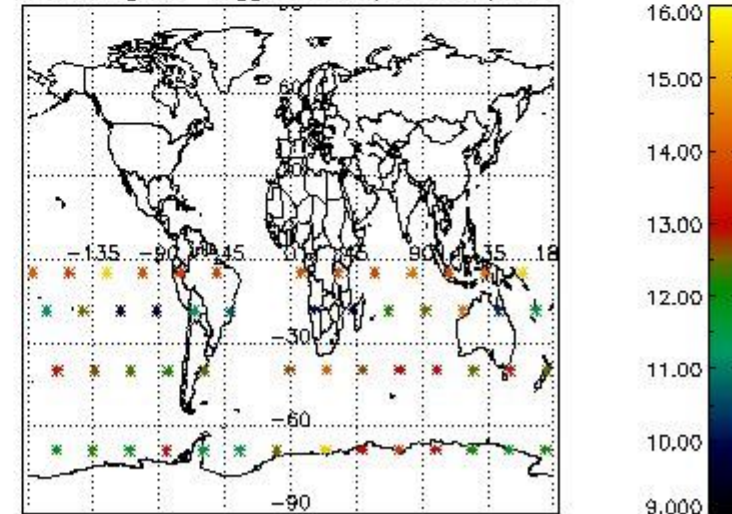
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

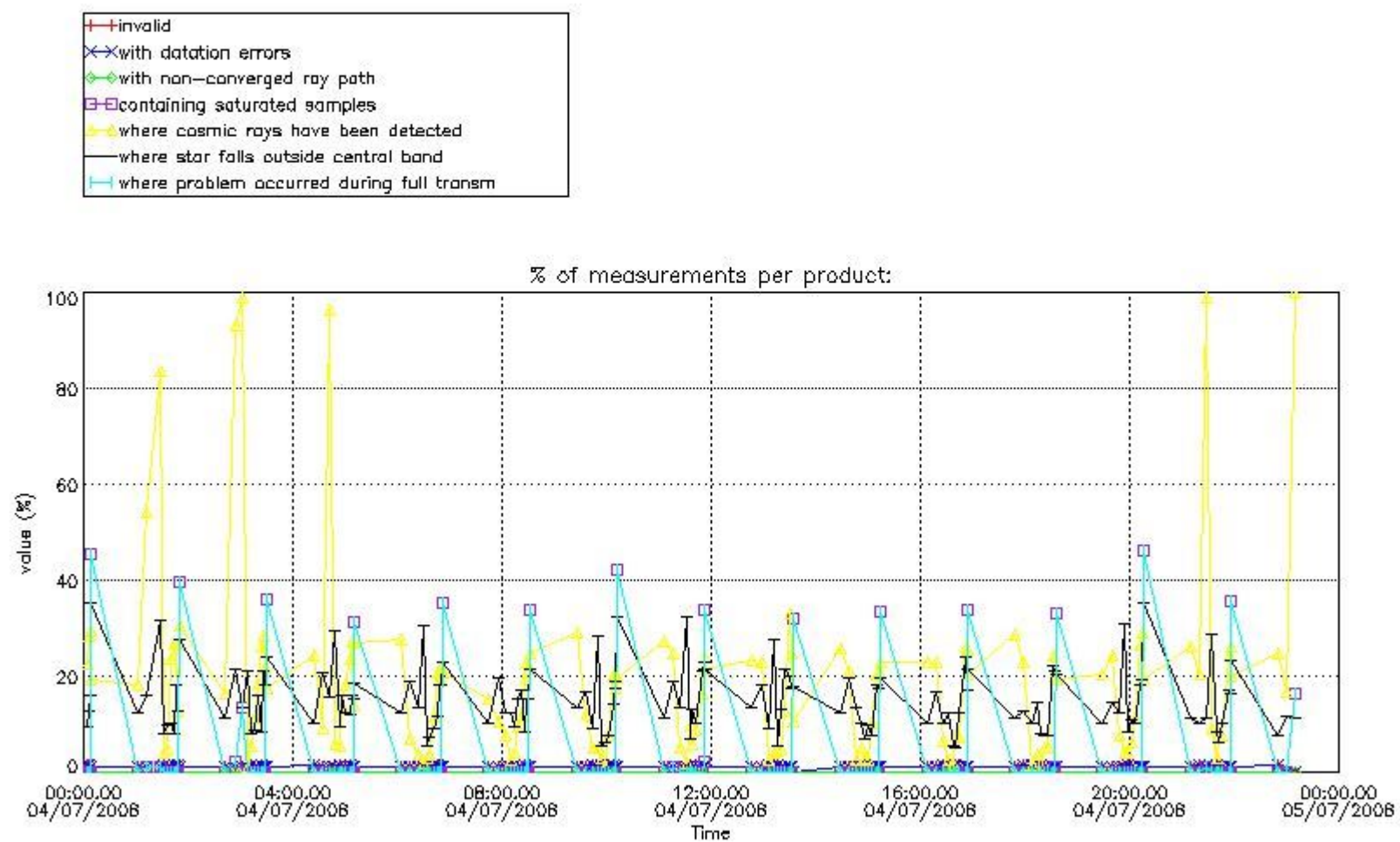


4. Level 1 quality information per product

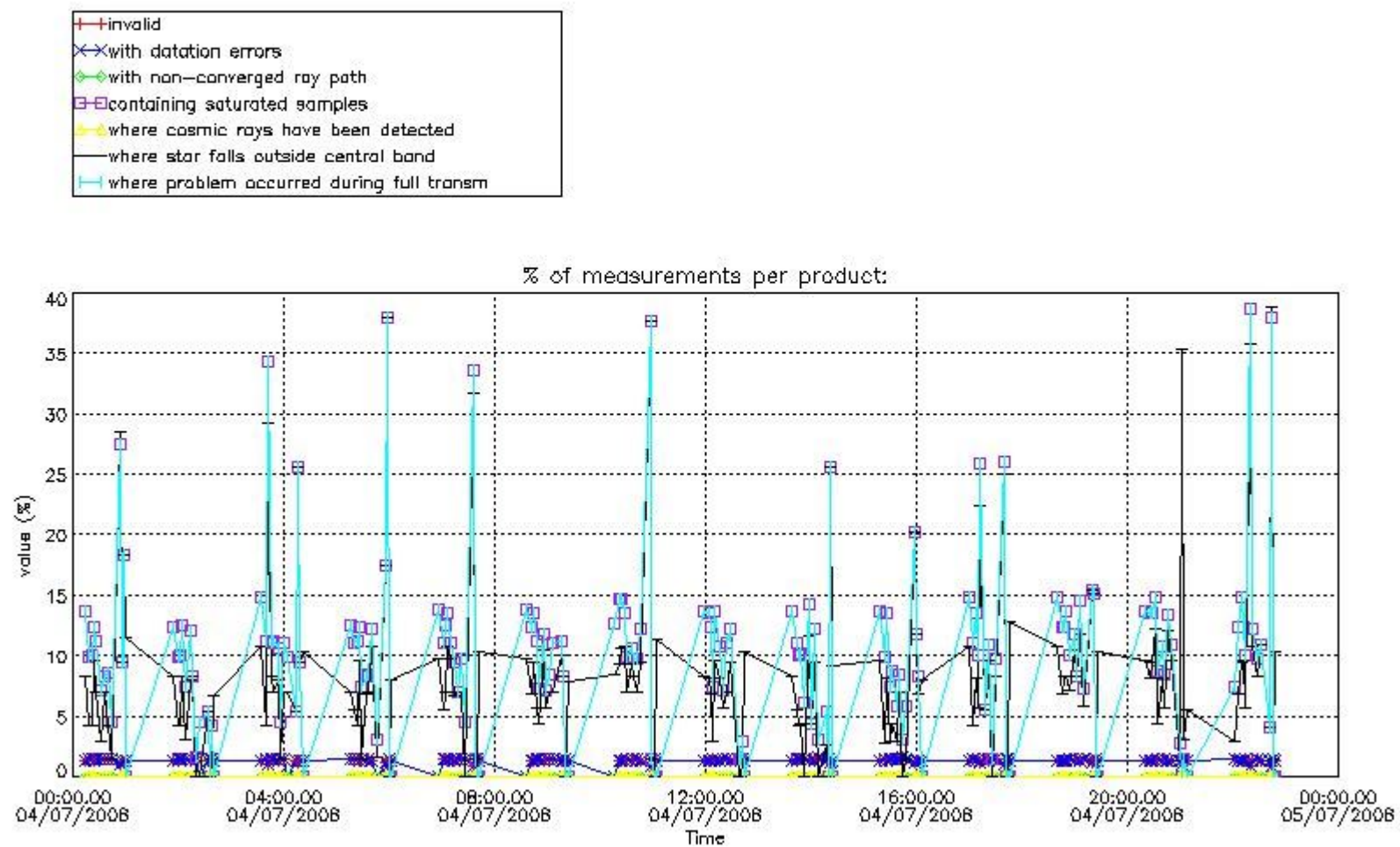
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



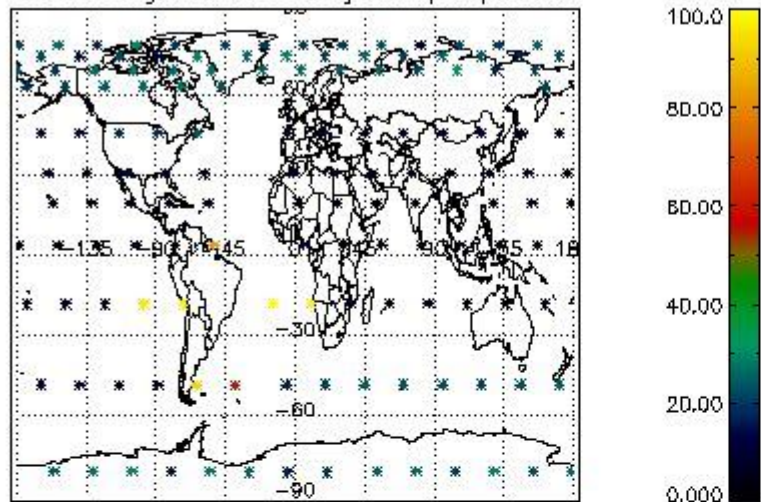
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



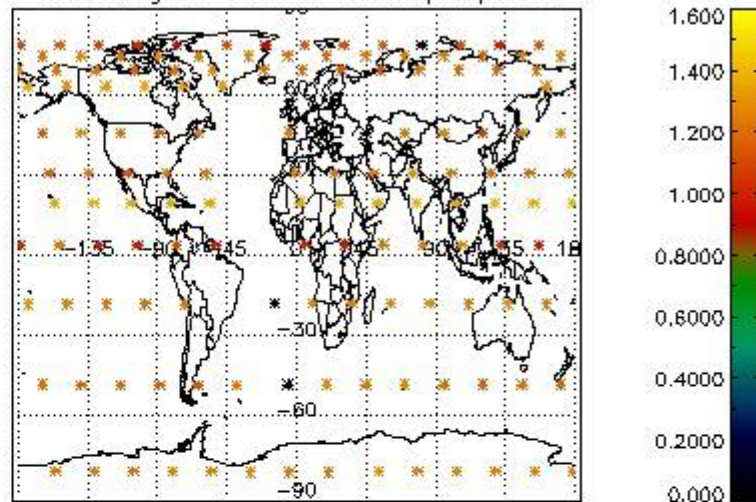
4.2 Plot quality information per product coming from level 1b processing (world map)

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

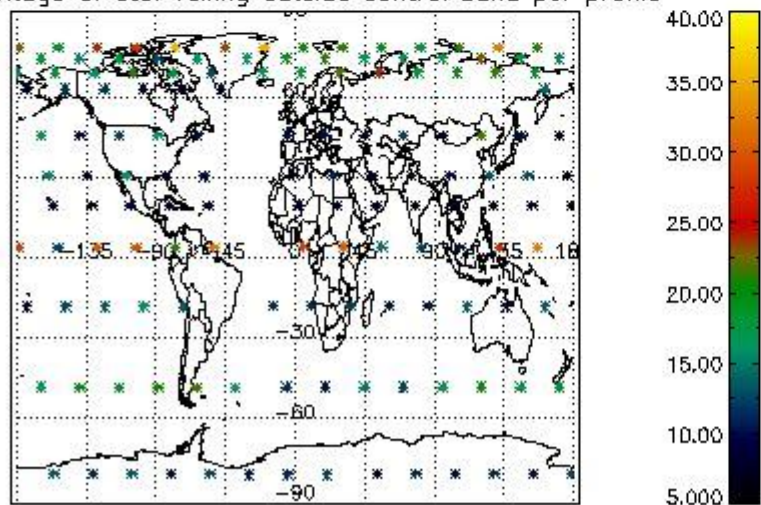
Percentage of cosmic ray hits per profile



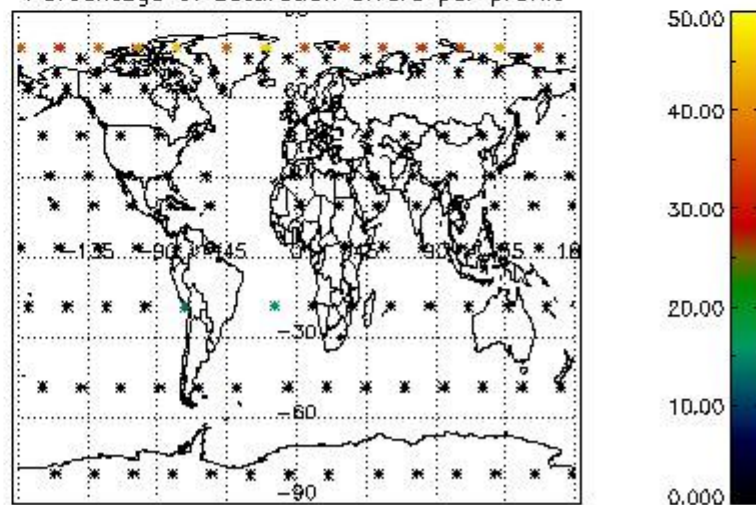
Percentage of datation errors per profile



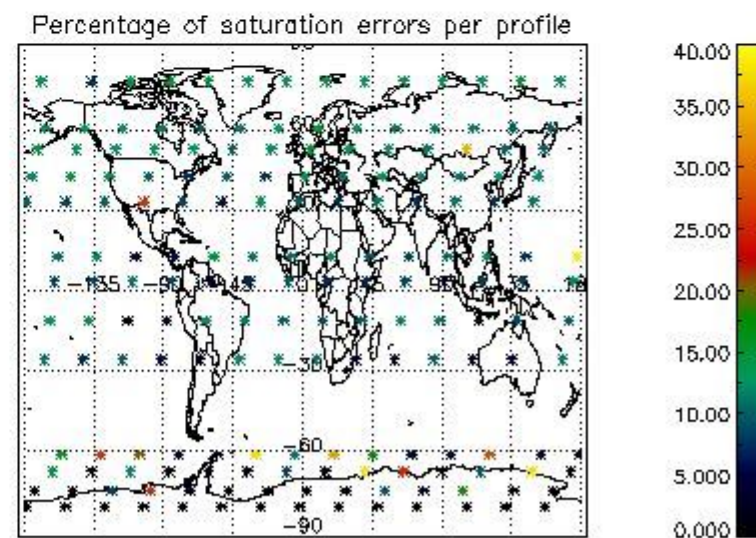
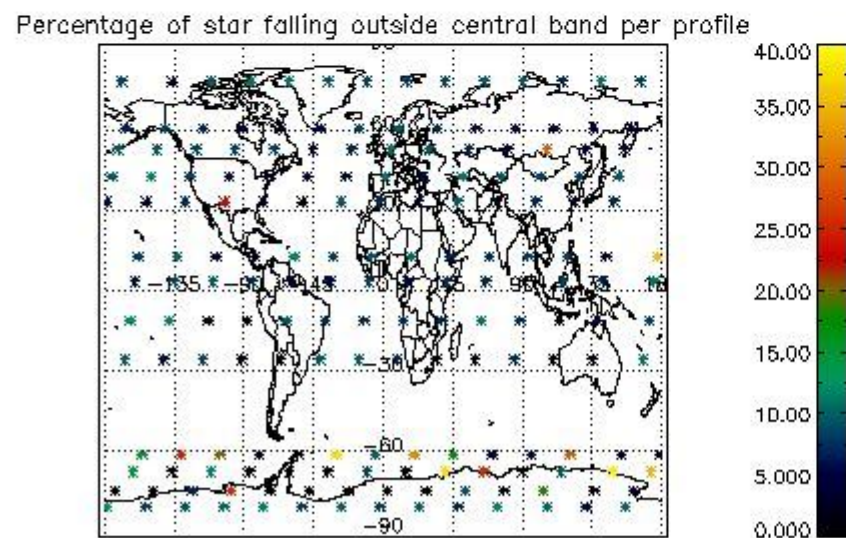
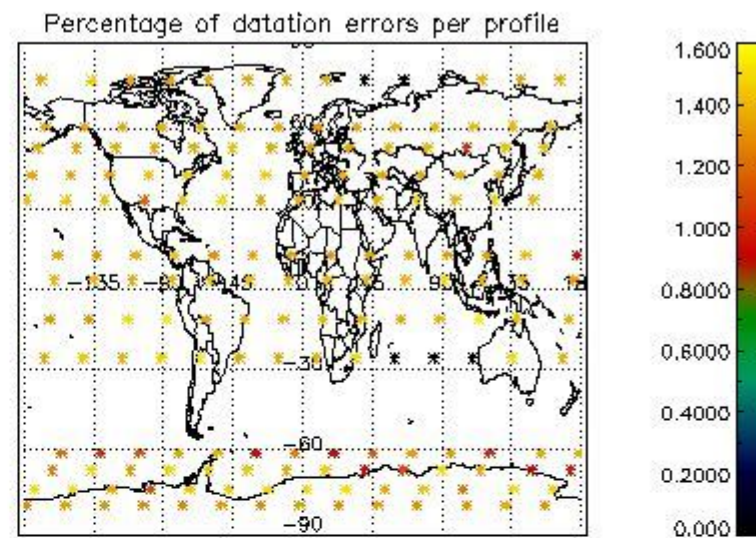
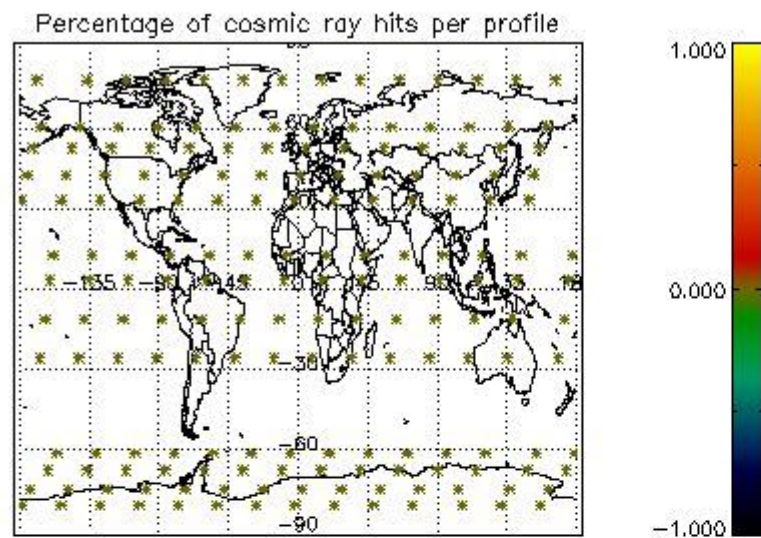
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

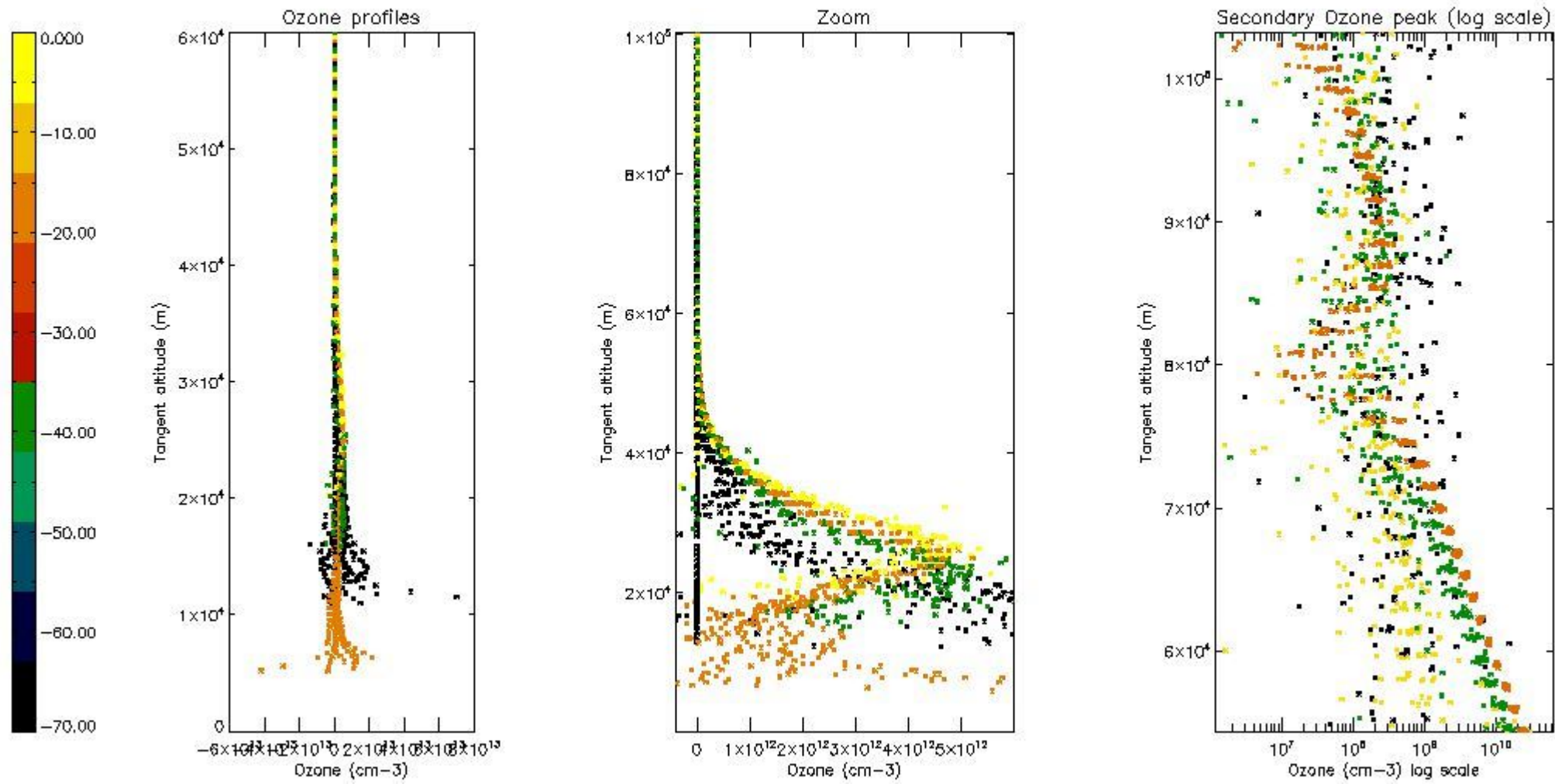
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	18
STD < 20	7

STD < 10	4
STD < 5	2

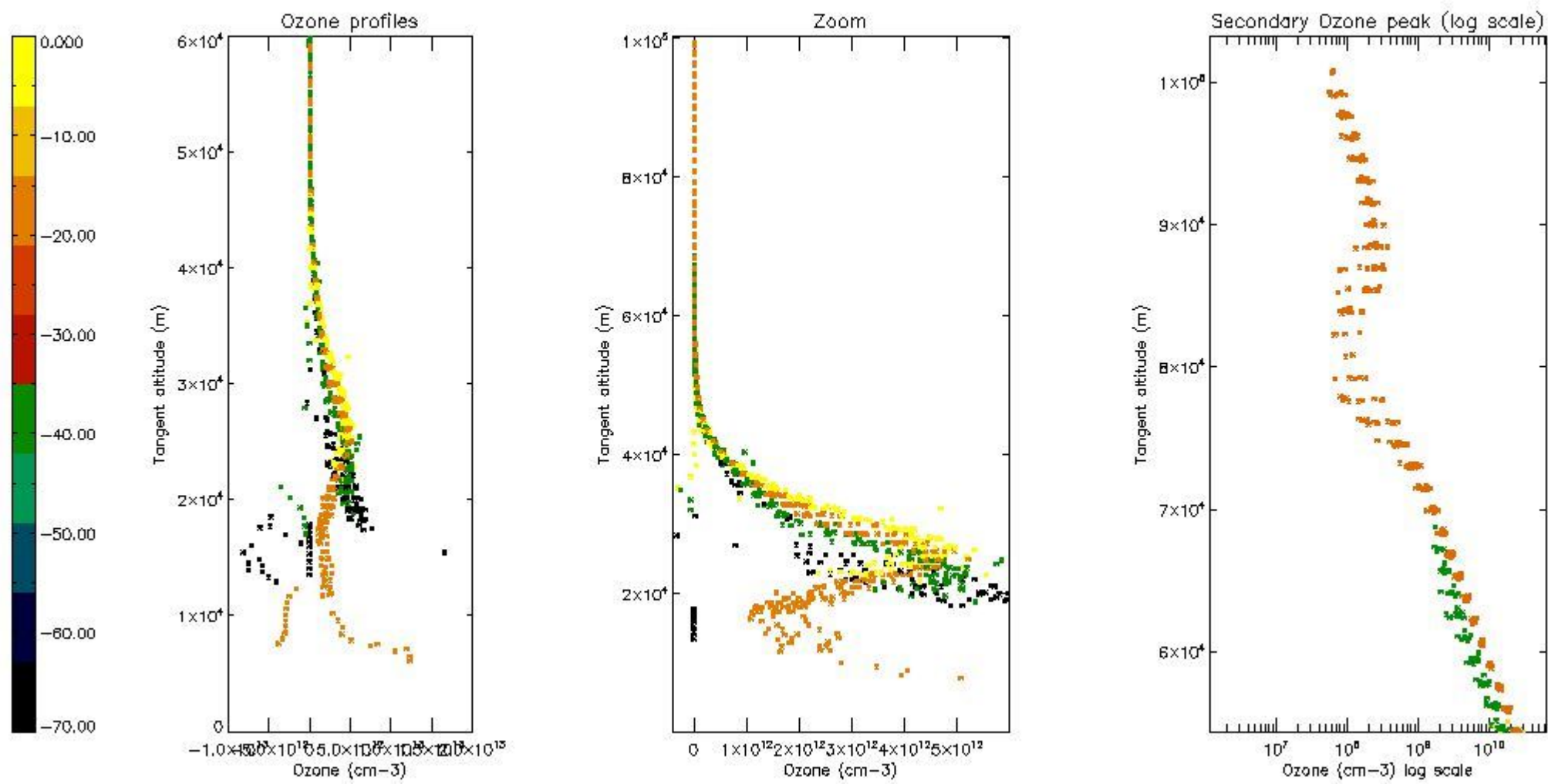
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



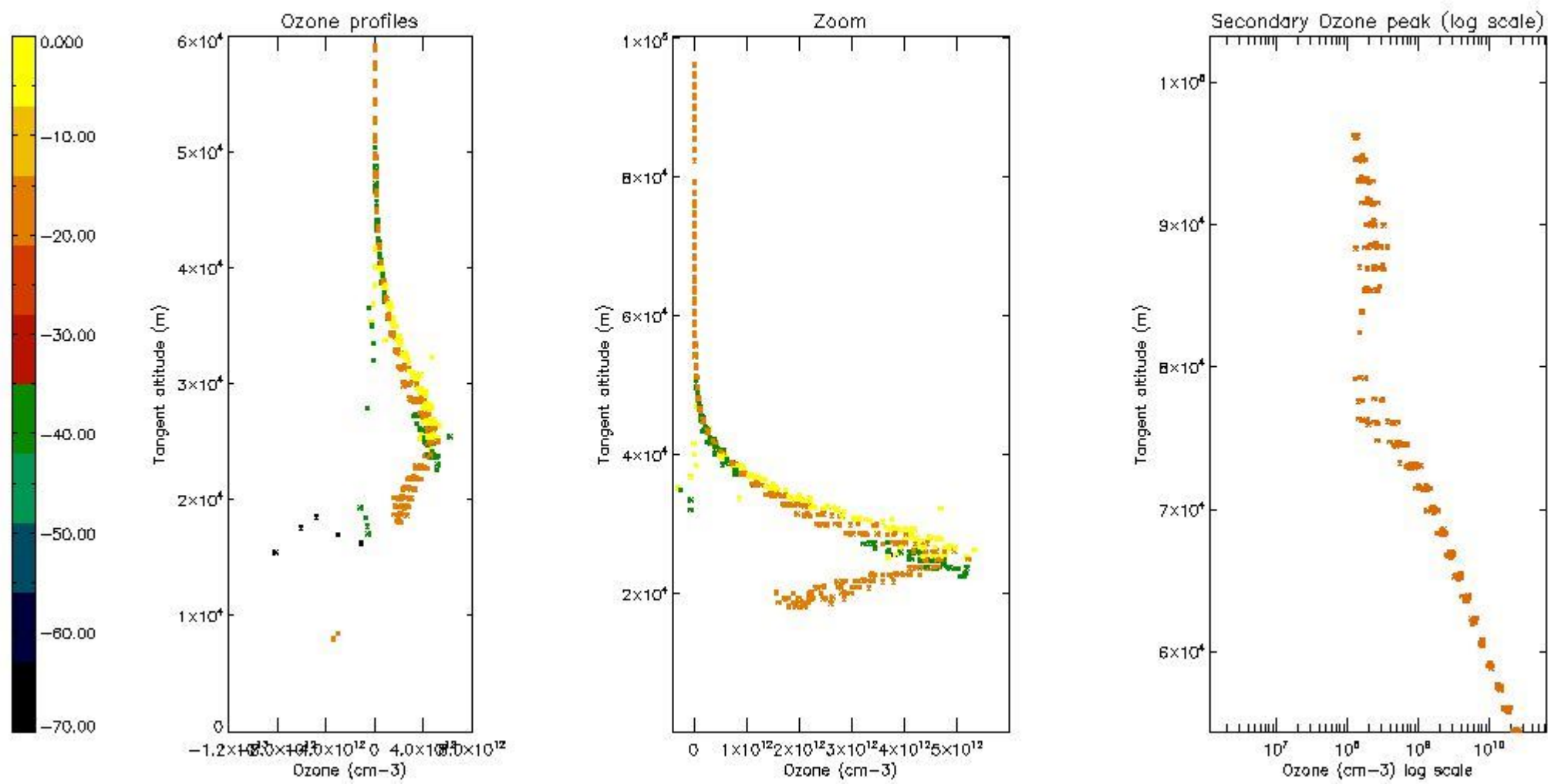
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



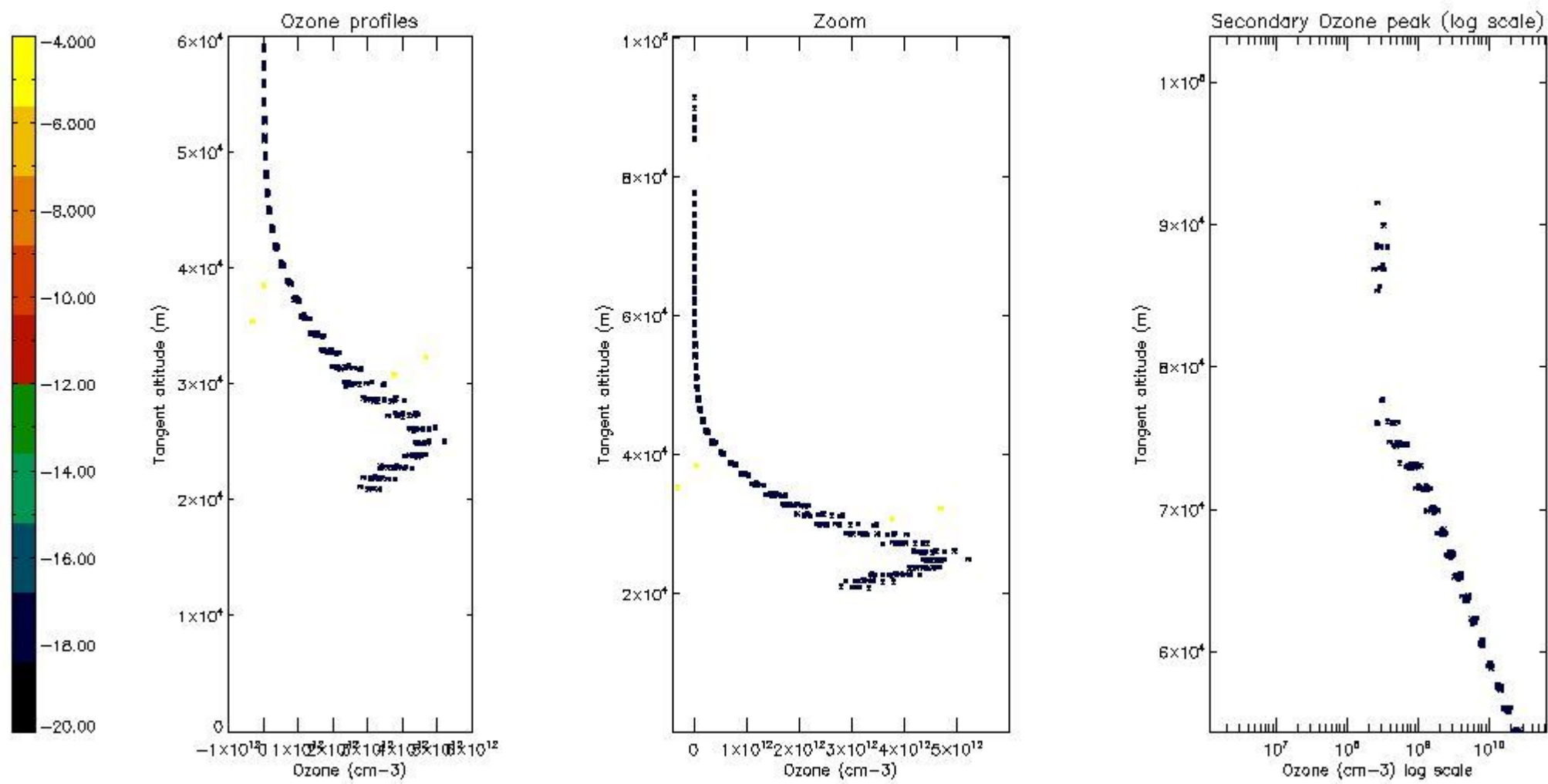
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



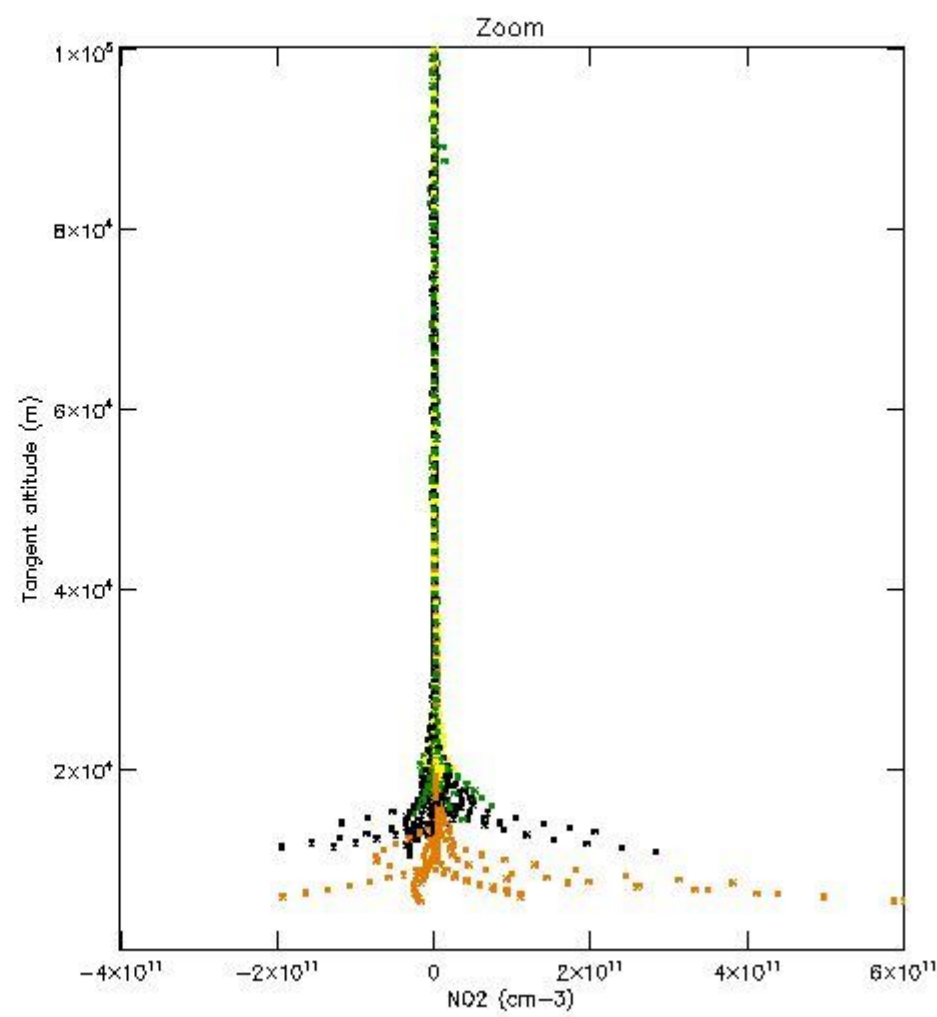
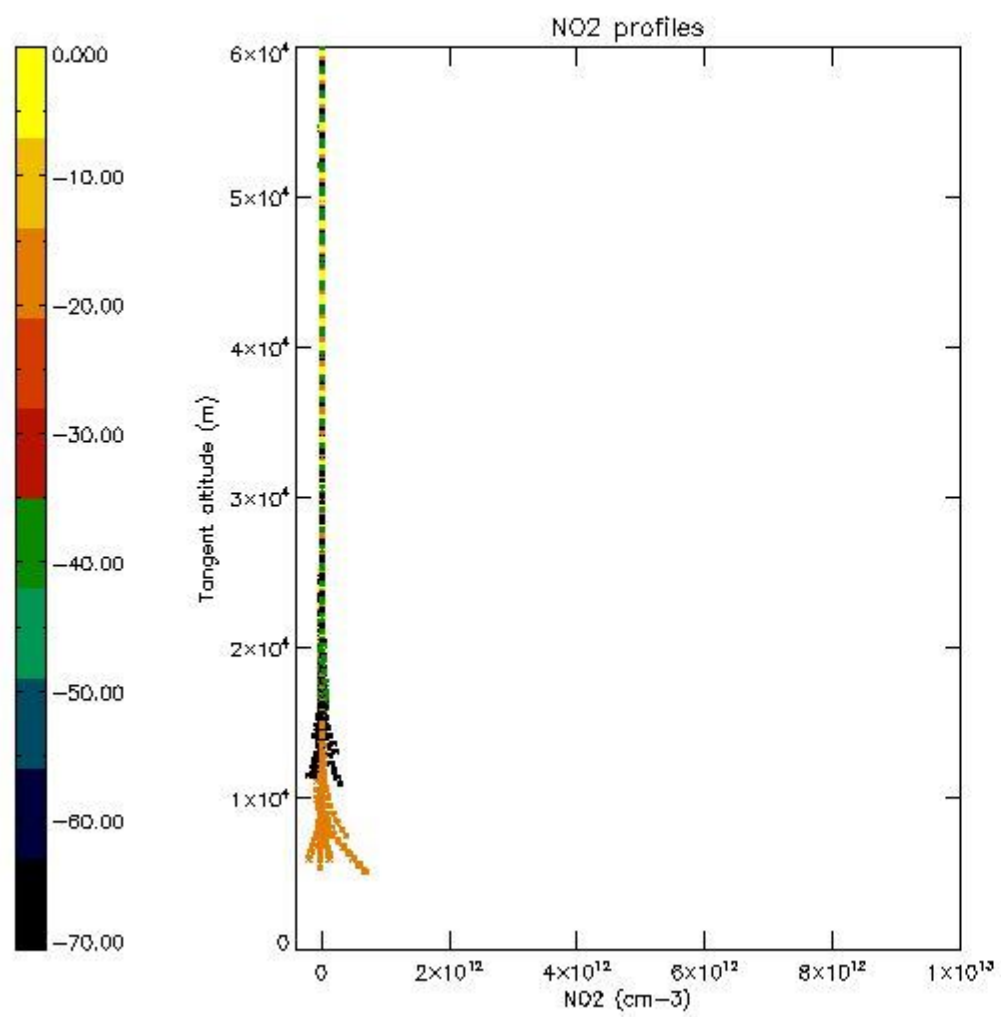
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



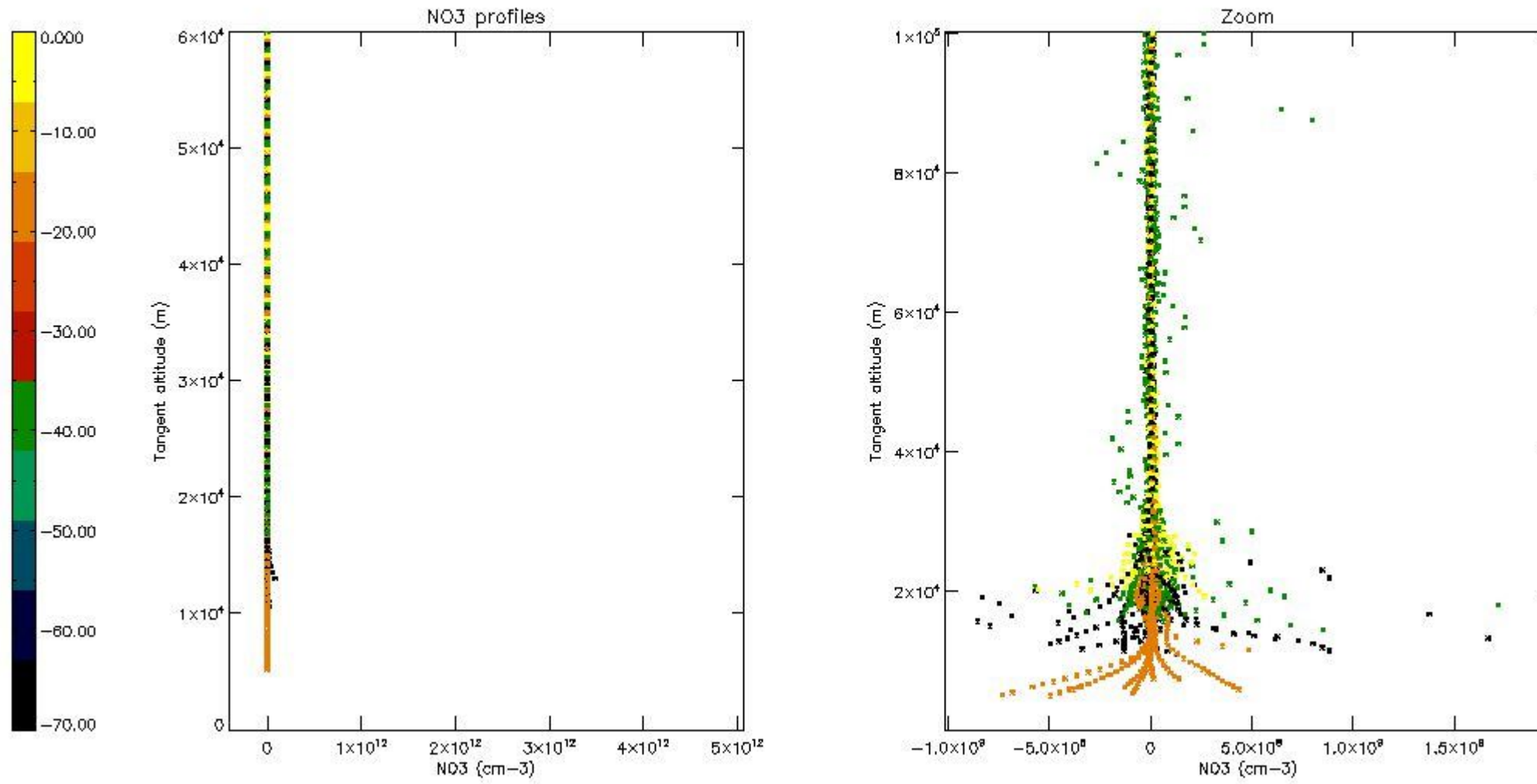
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	04-JUL-2008 00:03:44
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-JUL-2008 00:03:44
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-JUL-2008 00:03:44

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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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 16:59:14
Data source version	GOMOS/6.01
Start time of products	04-07-2008 (04JUL2008 00:00:00)
Stop time of products	05-07-2008 (05JUL2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	324
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__2PRFIN20080704_000344_000000382070_00045_33165_4582.N1	04-JUL-2008 00:03:44	Twilight	37.500	147	Alp Ara	2.8770	26000.	75	33165	No
2	GOM_NL__2PRFIN20080704_000533_000000392070_00045_33165_4583.N1	04-JUL-2008 00:05:33	Twilight	39.000	40	The Sco	1.8590	7100.0	78	33165	No
3	GOM_NL__2PRFIN20080704_000712_000000412070_00045_33165_4584.N1	04-JUL-2008 00:07:12	Twilight	40.500	25	35Lam Sco	1.6200	28000.	81	33165	No
4	GOM_NL__2PRFIN20080704_000839_000000542070_00045_33165_4585.N1	04-JUL-2008 00:08:39	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	33165	No
5	GOM_NL__2PRFIN20080704_001322_000000372070_00045_33165_4586.N1	04-JUL-2008 00:13:22	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33165	No
6	GOM_NL__2PRFIN20080704_001854_000000362070_00045_33165_4587.N1	04-JUL-2008 00:18:54	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33165	No
7	GOM_NL__2PRFIN20080704_002113_000000352070_00045_33165_4588.N1	04-JUL-2008 00:21:13	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	33165	No
8	GOM_NL__2PRFIN20080704_002404_000000372070_00045_33165_4589.N1	04-JUL-2008 00:24:04	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33165	No
9	GOM_NL__2PRFIN20080704_002645_000000362070_00045_33165_4590.N1	04-JUL-2008 00:26:45	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33165	No
10	GOM_NL__2PRFIN20080704_003235_000000352070_00045_33165_4591.N1	04-JUL-2008 00:32:35	Bright	35.000	130	23Bet Dra	2.7990	5800.0	70	33165	No
11	GOM_NL__2PRFIN20080704_003507_000000362070_00045_33165_4592.N1	04-JUL-2008 00:35:07	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33165	No
12	GOM_NL__2PRFIN20080704_003911_000000352070_00045_33165_4593.N1	04-JUL-2008 00:39:11	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	33165	No
13	GOM_NL__2PRFIN20080704_004317_000000342070_00045_33165_4594.N1	04-JUL-2008 00:43:17	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33165	No
14	GOM_NL__2PRFIN20080704_005332_000000492070_00045_33165_4595.N1	04-JUL-2008 00:53:32	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	33165	No
15	GOM_NL__2PRFIN20080704_005520_000000372070_00045_33165_4596.N1	04-JUL-2008 00:55:20	Bright	37.000	175	39Del Per	3.0100	19400.	74	33165	No
16	GOM_NL__2PRFIN20080704_005735_000000412070_00045_33165_4597.N1	04-JUL-2008 00:57:35	Bright	41.000	149	45Eps Per	2.8880	30000.	82	33165	No
17	GOM_NL__2PRFIN20080704_005959_000000392070_00045_33165_4598.N1	04-JUL-2008 00:59:59	Bright	39.000	150	44Zet Per	2.8900	28000.	78	33165	No
18	GOM_NL__2PRFIN20080704_010220_000000412070_00045_33165_4599.N1	04-JUL-2008 01:02:20	Twilight	41.000	146	25Eta Tau	2.8730	15200.	82	33165	No
19	GOM_NL__2PRFIN20080704_011247_000000412070_00045_33165_4600.N1	04-JUL-2008 01:12:47	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	33165	No
20	GOM_NL__2PRFIN20080704_012729_000000522070_00046_33166_4595.N1	04-JUL-2008 01:27:29	Dark	52.000	9	Alp Eri	0.45300	24000.	104	33166	No
21	GOM_NL__2PRFIN20080704_013155_000000372070_00046_33166_4596.N1	04-JUL-2008 01:31:55	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33166	No
22	GOM_NL__2PRFIN20080704_013500_000000412070_00046_33166_4597.N1	04-JUL-2008 01:35:00	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33166	No
23	GOM_NL__2PRFIN20080704_013917_000000402070_00046_33166_4598.N1	04-JUL-2008 01:39:17	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33166	No
24	GOM_NL__2PRFIN20080704_014420_000000372070_00046_33166_4599.N1	04-JUL-2008 01:44:20	Twilight	37.000	147	Alp Ara	2.8770	26000.	74	33166	No
25	GOM_NL__2PRFIN20080704_014609_000000422070_00046_33166_4600.N1	04-JUL-2008 01:46:09	Twilight	41.500	40	The Sco	1.8590	7100.0	83	33166	No
26	GOM_NL__2PRFIN20080704_014749_000000392070_00046_33166_4601.N1	04-JUL-2008 01:47:49	Twilight	39.000	25	35Lam Sco	1.6200	28000.	78	33166	No
27	GOM_NL__2PRFIN20080704_014915_000000492070_00046_33166_4602.N1	04-JUL-2008 01:49:15	Bright	49.000	116	19Del Sgr	2.7000	4100.0	98	33166	No
28	GOM_NL__2PRFIN20080704_015358_000000372070_00046_33166_4603.N1	04-JUL-2008 01:53:58	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33166	No
29	GOM_NL__2PRFIN20080704_015930_000000362070_00046_33166_4604.N1	04-JUL-2008 01:59:30	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33166	No
30	GOM_NL__2PRFIN20080704_020149_000000352070_00046_33166_4605.N1	04-JUL-2008 02:01:49	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	33166	No
31	GOM_NL__2PRFIN20080704_020440_000000362070_00046_33166_4606.N1	04-JUL-2008 02:04:40	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	33166	No
32	GOM_NL__2PRFIN20080704_020721_000000342070_00046_33166_4607.N1	04-JUL-2008 02:07:21	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	33166	No
33	GOM_NL__2PRFIN20080704_021311_000000382070_00046_33166_4608.N1	04-JUL-2008 02:13:11	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33166	No
34	GOM_NL__2PRFIN20080704_021543_000000362070_00046_33166_4609.N1	04-JUL-2008 02:15:43	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33166	No
35	GOM_NL__2PRFIN20080704_021947_000000322070_00046_33166_4610.N1	04-JUL-2008 02:19:47	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	33166	No
36	GOM_NL__2PRFIN20080704_022353_000000332070_00046_33166_4611.N1	04-JUL-2008 02:23:53	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	33166	No
37	GOM_NL__2PRFIN20080704_023408_000000382070_00046_33166_4612.N1	04-JUL-2008 02:34:08	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	33166	No
38	GOM_NL__2PRFIN20080704_023556_000000342070_00046_33166_4613.N1	04-JUL-2008 02:35:56	Bright	33.500	175	39Del Per	3.0100	19400.	67	33166	No
39	GOM_NL__2PRFIN20080704_023811_000000352070_00046_33166_4614.N1	04-JUL-2008 02:38:11	Bright	35.000	149	45Eps Per	2.8880	30000.	70	33166	No
40	GOM_NL__2PRFIN20080704_024035_000000382070_00046_33166_4615.N1	04-JUL-2008 02:40:35	Bright	37.500	150	44Zet Per	2.8900	28000.	75	33166	No
41	GOM_NL__2PRFIN20080704_024256_000000402070_00046_33166_4616.N1	04-JUL-2008 02:42:56	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	33166	No
42	GOM_NL__2PRFIN20080704_025324_000000442070_00046_33166_4617.N1	04-JUL-2008 02:53:24	Dark	44.000	165	34Gam Eri	2.9500	3200.0	88	33166	No

43	GOM_NL__2PRFIN20080704_030155_000000412070_00046_33166_4618.N1	04-JUL-2008 03:01:55	Dark	40.500	157	The1Eri	2.9060	9300.0	81	33166	No
44	GOM_NL__2PRFIN20080704_030805_000000452070_00047_33167_4606.N1	04-JUL-2008 03:08:05	Dark	45.000	9	Alp Eri	0.45300	24000.	90	33167	No
45	GOM_NL__2PRFIN20080704_031231_000000372070_00047_33167_4607.N1	04-JUL-2008 03:12:31	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33167	No
46	GOM_NL__2PRFIN20080704_031537_000000412070_00047_33167_4608.N1	04-JUL-2008 03:15:37	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	33167	No
47	GOM_NL__2PRFIN20080704_031953_000000442070_00047_33167_4609.N1	04-JUL-2008 03:19:53	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	33167	No
48	GOM_NL__2PRFIN20080704_032456_000000372070_00047_33167_4610.N1	04-JUL-2008 03:24:56	Twi_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	33167	No
49	GOM_NL__2PRFIN20080704_032645_000000432070_00047_33167_4611.N1	04-JUL-2008 03:26:45	Twi_and_stray	42.500	40	The Sco	1.8590	7100.0	85	33167	No
50	GOM_NL__2PRFIN20080704_032825_000000412070_00047_33167_4612.N1	04-JUL-2008 03:28:25	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33167	No
51	GOM_NL__2PRFIN20080704_032951_000000462070_00047_33167_4613.N1	04-JUL-2008 03:29:51	Bright	46.000	116	19Del Sgr	2.7000	4100.0	92	33167	No
52	GOM_NL__2PRFIN20080704_033435_000000372070_00047_33167_4614.N1	04-JUL-2008 03:34:35	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33167	No
53	GOM_NL__2PRFIN20080704_034006_000000362070_00047_33167_4615.N1	04-JUL-2008 03:40:06	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33167	No
54	GOM_NL__2PRFIN20080704_034225_000000482070_00047_33167_4616.N1	04-JUL-2008 03:42:25	Bright	48.000	59	55Alp Oph	2.0800	8900.0	96	33167	No
55	GOM_NL__2PRFIN20080704_034516_000000362070_00047_33167_4617.N1	04-JUL-2008 03:45:16	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	33167	No
56	GOM_NL__2PRFIN20080704_034757_000000362070_00047_33167_4618.N1	04-JUL-2008 03:47:57	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33167	No
57	GOM_NL__2PRFIN20080704_035347_000000382070_00047_33167_4619.N1	04-JUL-2008 03:53:47	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33167	No
58	GOM_NL__2PRFIN20080704_035619_000000332070_00047_33167_4620.N1	04-JUL-2008 03:56:19	Bright	33.000	119	14Eta Dra	2.7270	4700.0	66	33167	No
59	GOM_NL__2PRFIN20080704_040023_000000362070_00047_33167_4621.N1	04-JUL-2008 04:00:23	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33167	No
60	GOM_NL__2PRFIN20080704_040429_000000362070_00047_33167_4622.N1	04-JUL-2008 04:04:29	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33167	No
61	GOM_NL__2PRFIN20080704_041444_000000382070_00047_33167_4623.N1	04-JUL-2008 04:14:44	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	33167	No
62	GOM_NL__2PRFIN20080704_041632_000000452070_00047_33167_4624.N1	04-JUL-2008 04:16:32	Bright	45.000	175	39Del Per	3.0100	19400.	90	33167	No
63	GOM_NL__2PRFIN20080704_041847_000000372070_00047_33167_4625.N1	04-JUL-2008 04:18:47	Bright	37.000	149	45Eps Per	2.8880	30000.	74	33167	No
64	GOM_NL__2PRFIN20080704_042111_000000392070_00047_33167_4626.N1	04-JUL-2008 04:21:11	Bright	39.000	150	44Zet Per	2.8900	28000.	78	33167	No
65	GOM_NL__2PRFIN20080704_042333_000000392070_00047_33167_4627.N1	04-JUL-2008 04:23:33	Twilight	39.000	146	25Eta Tau	2.8730	15200.	78	33167	No
66	GOM_NL__2PRFIN20080704_043400_000000442070_00047_33167_4628.N1	04-JUL-2008 04:34:00	Dark	43.500	165	34Gam Eri	2.9500	3200.0	87	33167	No
67	GOM_NL__2PRFIN20080704_044232_000000422070_00047_33167_4629.N1	04-JUL-2008 04:42:32	Dark	41.500	157	The1Eri	2.9060	9300.0	83	33167	No
68	GOM_NL__2PRFIN20080704_044842_000000512070_00048_33168_4621.N1	04-JUL-2008 04:48:42	Dark	51.000	9	Alp Eri	0.45300	24000.	102	33168	No
69	GOM_NL__2PRFIN20080704_045308_000000372070_00048_33168_4622.N1	04-JUL-2008 04:53:08	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33168	No
70	GOM_NL__2PRFIN20080704_045614_000000442070_00048_33168_4623.N1	04-JUL-2008 04:56:14	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	33168	No
71	GOM_NL__2PRFIN20080704_050030_000000412070_00048_33168_4624.N1	04-JUL-2008 05:00:30	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33168	No
72	GOM_NL__2PRFIN20080704_050532_000000382070_00048_33168_4625.N1	04-JUL-2008 05:05:32	Twi_and_stray	38.000	147	Alp Ara	2.8770	26000.	76	33168	No
73	GOM_NL__2PRFIN20080704_050721_000000412070_00048_33168_4626.N1	04-JUL-2008 05:07:21	Twi_and_stray	40.500	40	The Sco	1.8590	7100.0	81	33168	No
74	GOM_NL__2PRFIN20080704_050901_000000402070_00048_33168_4627.N1	04-JUL-2008 05:09:01	Twi_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	33168	No
75	GOM_NL__2PRFIN20080704_051027_000000432070_00048_33168_4628.N1	04-JUL-2008 05:10:27	Bright	43.000	116	19Del Sgr	2.7000	4100.0	86	33168	No
76	GOM_NL__2PRFIN20080704_051511_000000362070_00048_33168_4629.N1	04-JUL-2008 05:15:11	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33168	No
77	GOM_NL__2PRFIN20080704_052042_000000362070_00048_33168_4630.N1	04-JUL-2008 05:20:42	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33168	No
78	GOM_NL__2PRFIN20080704_052301_000000362070_00048_33168_4631.N1	04-JUL-2008 05:23:01	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33168	No
79	GOM_NL__2PRFIN20080704_052552_000000372070_00048_33168_4632.N1	04-JUL-2008 05:25:52	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33168	No
80	GOM_NL__2PRFIN20080704_052833_000000342070_00048_33168_4633.N1	04-JUL-2008 05:28:33	Bright	33.500	133	40Zet Her	2.8070	6000.0	67	33168	No
81	GOM_NL__2PRFIN20080704_053422_000000372070_00048_33168_4634.N1	04-JUL-2008 05:34:22	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	33168	No
82	GOM_NL__2PRFIN20080704_053655_000000362070_00048_33168_4635.N1	04-JUL-2008 05:36:55	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33168	No
83	GOM_NL__2PRFIN20080704_054059_000000372070_00048_33168_4636.N1	04-JUL-2008 05:40:59	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	33168	No
84	GOM_NL__2PRFIN20080704_054505_000000322070_00048_33168_4637.N1	04-JUL-2008 05:45:05	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	33168	No
85	GOM_NL__2PRFIN20080704_055520_000000432070_00048_33168_4638.N1	04-JUL-2008 05:55:20	Bright	43.000	160	23Gam Per	2.9300	4700.0	86	33168	No
86	GOM_NL__2PRFIN20080704_055708_000000542070_00048_33168_4639.N1	04-JUL-2008 05:57:08	Bright	54.000	175	39Del Per	3.0100	19400.	108	33168	No
87	GOM_NL__2PRFIN20080704_055923_000000332070_00048_33168_4640.N1	04-JUL-2008 05:59:23	Bright	33.000	149	45Eps Per	2.8880	30000.	66	33168	No
88	GOM_NL__2PRFIN20080704_060148_000000382070_00048_33168_4641.N1	04-JUL-2008 06:01:48	Bright	37.500	150	44Zet Per	2.8900	28000.	75	33168	No
89	GOM_NL__2PRFIN20080704_060409_000000402070_00048_33168_4642.N1	04-JUL-2008 06:04:09	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	33168	No
90	GOM_NL__2PRFIN20080704_061436_000000432070_00048_33168_4643.N1	04-JUL-2008 06:14:36	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	33168	No
91	GOM_NL__2PRFIN20080704_062308_000000412070_00048_33168_4644.N1	04-JUL-2008 06:23:08	Dark	41.000	157	The1Eri	2.9060	9300.0	82	33168	No
92	GOM_NL__2PRFIN20080704_062918_000000512070_00049_33169_4634.N1	04-JUL-2008 06:29:18	Dark	51.000	9	Alp Eri	0.45300	24000.	102	33169	No
93	GOM_NL__2PRFIN20080704_063344_000000362070_00049_33169_4635.N1	04-JUL-2008 06:33:44	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33169	No
94	GOM_NL__2PRFIN20080704_063650_000000412070_00049_33169_4636.N1	04-JUL-2008 06:36:50	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	33169	No
95	GOM_NL__2PRFIN20080704_064106_000000392070_00049_33169_4637.N1	04-JUL-2008 06:41:06	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	33169	No
96	GOM_NL__2PRFIN20080704_064608_000000392070_00049_33169_4638.N1	04-JUL-2008 06:46:08	Twi_and_stray	38.500	147	Alp Ara	2.8770	26000.	77	33169	No
97	GOM_NL__2PRFIN20080704_064757_000000412070_00049_33169_4639.N1	04-JUL-2008 06:47:57	Twi_and_stray	41.000	40	The Sco	1.8590	7100.0	82	33169	No
98	GOM_NL__2PRFIN20080704_064937_000000412070_00049_33169_4640.N1	04-JUL-2008 06:49:37	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33169	No
99	GOM_NL__2PRFIN20080704_065104_000000462070_00049_33169_4641.N1	04-JUL-2008 06:51:04	Bright	45.500	116	19Del Sgr	2.7000	4100.0	91	33169	No
100	GOM_NL__2PRFIN20080704_065547_000000362070_00049_33169_4642.N1	04-JUL-2008 06:55:47	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33169	No
101	GOM_NL__2PRFIN20080704_070118_000000362070_00049_33169_4643.N1	04-JUL-2008 07:01:18	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33169	No

102	GOM_NL__2PRFIN20080704_070337_000000362070_00049_33169_4644.N1	04-JUL-2008 07:03:37	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33169	No
103	GOM_NL__2PRFIN20080704_070628_000000372070_00049_33169_4645.N1	04-JUL-2008 07:06:28	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33169	No
104	GOM_NL__2PRFIN20080704_070909_000000362070_00049_33169_4646.N1	04-JUL-2008 07:09:09	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33169	No
105	GOM_NL__2PRFIN20080704_071458_000000372070_00049_33169_4647.N1	04-JUL-2008 07:14:58	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33169	No
106	GOM_NL__2PRFIN20080704_071731_000000362070_00049_33169_4648.N1	04-JUL-2008 07:17:31	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33169	No
107	GOM_NL__2PRFIN20080704_072135_000000362070_00049_33169_4649.N1	04-JUL-2008 07:21:35	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33169	No
108	GOM_NL__2PRFIN20080704_072541_000000342070_00049_33169_4650.N1	04-JUL-2008 07:25:41	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	33169	No
109	GOM_NL__2PRFIN20080704_073556_000000542070_00049_33169_4651.N1	04-JUL-2008 07:35:56	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	33169	No
110	GOM_NL__2PRFIN20080704_073744_000000342070_00049_33169_4652.N1	04-JUL-2008 07:37:44	Bright	34.000	175	39Del Per	3.0100	19400.	68	33169	No
111	GOM_NL__2PRFIN20080704_073959_000000342070_00049_33169_4653.N1	04-JUL-2008 07:39:59	Bright	33.500	149	45Eps Per	2.8880	30000.	67	33169	No
112	GOM_NL__2PRFIN20080704_074223_000000392070_00049_33169_4654.N1	04-JUL-2008 07:42:23	Bright	39.000	150	44Zet Per	2.8900	28000.	78	33169	No
113	GOM_NL__2PRFIN20080704_074445_000000402070_00049_33169_4655.N1	04-JUL-2008 07:44:45	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33169	No
114	GOM_NL__2PRFIN20080704_075512_000000432070_00049_33169_4656.N1	04-JUL-2008 07:55:12	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	33169	No
115	GOM_NL__2PRFIN20080704_080345_000000402070_00049_33169_4657.N1	04-JUL-2008 08:03:45	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33169	No
116	GOM_NL__2PRFIN20080704_080955_000000412070_00050_33170_4656.N1	04-JUL-2008 08:09:55	Dark	40.500	9	Alp Eri	0.45300	24000.	81	33170	No
117	GOM_NL__2PRFIN20080704_081420_000000372070_00050_33170_4657.N1	04-JUL-2008 08:14:20	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33170	No
118	GOM_NL__2PRFIN20080704_081727_000000432070_00050_33170_4658.N1	04-JUL-2008 08:17:27	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	33170	No
119	GOM_NL__2PRFIN20080704_082142_000000442070_00050_33170_4659.N1	04-JUL-2008 08:21:42	Straylight	43.500	45	Alp Pav	1.9400	26000.	87	33170	No
120	GOM_NL__2PRFIN20080704_082645_000000372070_00050_33170_4660.N1	04-JUL-2008 08:26:45	Tw_and_stray	36.500	147	Alp Ara	2.8770	26000.	73	33170	No
121	GOM_NL__2PRFIN20080704_082834_000000402070_00050_33170_4661.N1	04-JUL-2008 08:28:34	Tw_and_stray	39.500	40	The Sco	1.8590	7100.0	79	33170	No
122	GOM_NL__2PRFIN20080704_083013_000000402070_00050_33170_4662.N1	04-JUL-2008 08:30:13	Tw_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	33170	No
123	GOM_NL__2PRFIN20080704_083140_000000452070_00050_33170_4663.N1	04-JUL-2008 08:31:40	Bright	44.500	116	19Del Sgr	2.7000	4100.0	89	33170	No
124	GOM_NL__2PRFIN20080704_083623_000000362070_00050_33170_4664.N1	04-JUL-2008 08:36:23	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33170	No
125	GOM_NL__2PRFIN20080704_084154_000000372070_00050_33170_4665.N1	04-JUL-2008 08:41:54	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33170	No
126	GOM_NL__2PRFIN20080704_084413_000000372070_00050_33170_4666.N1	04-JUL-2008 08:44:13	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33170	No
127	GOM_NL__2PRFIN20080704_084704_000000362070_00050_33170_4667.N1	04-JUL-2008 08:47:04	Bright	35.500	127	27Bet Her	2.7810	4700.0	71	33170	No
128	GOM_NL__2PRFIN20080704_084945_000000352070_00050_33170_4668.N1	04-JUL-2008 08:49:45	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33170	No
129	GOM_NL__2PRFIN20080704_085534_000000382070_00050_33170_4669.N1	04-JUL-2008 08:55:34	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	33170	No
130	GOM_NL__2PRFIN20080704_085807_000000352070_00050_33170_4670.N1	04-JUL-2008 08:58:07	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	33170	No
131	GOM_NL__2PRFIN20080704_090211_000000362070_00050_33170_4671.N1	04-JUL-2008 09:02:11	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	33170	No
132	GOM_NL__2PRFIN20080704_090617_000000362070_00050_33170_4672.N1	04-JUL-2008 09:06:17	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33170	No
133	GOM_NL__2PRFIN20080704_091631_000000402070_00050_33170_4673.N1	04-JUL-2008 09:16:31	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	33170	No
134	GOM_NL__2PRFIN20080704_091820_000000372070_00050_33170_4674.N1	04-JUL-2008 09:18:20	Bright	36.500	175	39Del Per	3.0100	19400.	73	33170	No
135	GOM_NL__2PRFIN20080704_092035_000000342070_00050_33170_4675.N1	04-JUL-2008 09:20:35	Bright	33.500	149	45Eps Per	2.8880	30000.	67	33170	No
136	GOM_NL__2PRFIN20080704_092300_000000382070_00050_33170_4676.N1	04-JUL-2008 09:23:00	Bright	38.000	150	44Zet Per	2.8900	28000.	76	33170	No
137	GOM_NL__2PRFIN20080704_092521_000000412070_00050_33170_4677.N1	04-JUL-2008 09:25:21	Twilight	41.000	146	25Eta Tau	2.8730	15200.	82	33170	No
138	GOM_NL__2PRFIN20080704_093549_000000422070_00050_33170_4678.N1	04-JUL-2008 09:35:49	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	33170	No
139	GOM_NL__2PRFIN20080704_094421_000000392070_00050_33170_4679.N1	04-JUL-2008 09:44:21	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33170	No
140	GOM_NL__2PRFIN20080704_095031_000000502070_00051_33171_4669.N1	04-JUL-2008 09:50:31	Dark	49.500	9	Alp Eri	0.45300	24000.	99	33171	No
141	GOM_NL__2PRFIN20080704_095456_000000362070_00051_33171_4670.N1	04-JUL-2008 09:54:56	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33171	No
142	GOM_NL__2PRFIN20080704_095803_000000402070_00051_33171_4671.N1	04-JUL-2008 09:58:03	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	33171	No
143	GOM_NL__2PRFIN20080704_100219_000000392070_00051_33171_4672.N1	04-JUL-2008 10:02:19	Straylight	39.000	45	Alp Pav	1.9400	26000.	78	33171	No
144	GOM_NL__2PRFIN20080704_100721_000000392070_00051_33171_4673.N1	04-JUL-2008 10:07:21	Tw_and_stray	39.000	147	Alp Ara	2.8770	26000.	78	33171	No
145	GOM_NL__2PRFIN20080704_100910_000000422070_00051_33171_4674.N1	04-JUL-2008 10:09:10	Tw_and_stray	42.000	40	The Sco	1.8590	7100.0	84	33171	No
146	GOM_NL__2PRFIN20080704_101049_000000412070_00051_33171_4675.N1	04-JUL-2008 10:10:49	Tw_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	33171	No
147	GOM_NL__2PRFIN20080704_101216_000000512070_00051_33171_4676.N1	04-JUL-2008 10:12:16	Bright	51.000	116	19Del Sgr	2.7000	4100.0	102	33171	No
148	GOM_NL__2PRFIN20080704_101659_000000362070_00051_33171_4677.N1	04-JUL-2008 10:16:59	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	33171	No
149	GOM_NL__2PRFIN20080704_102230_000000382070_00051_33171_4678.N1	04-JUL-2008 10:22:30	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33171	No
150	GOM_NL__2PRFIN20080704_102449_000000382070_00051_33171_4679.N1	04-JUL-2008 10:24:49	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33171	No
151	GOM_NL__2PRFIN20080704_102740_000000372070_00051_33171_4680.N1	04-JUL-2008 10:27:40	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33171	No
152	GOM_NL__2PRFIN20080704_103021_000000362070_00051_33171_4681.N1	04-JUL-2008 10:30:21	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	33171	No
153	GOM_NL__2PRFIN20080704_103610_000000382070_00051_33171_4682.N1	04-JUL-2008 10:36:10	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33171	No
154	GOM_NL__2PRFIN20080704_103843_000000362070_00051_33171_4683.N1	04-JUL-2008 10:38:43	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33171	No
155	GOM_NL__2PRFIN20080704_104247_000000362070_00051_33171_4684.N1	04-JUL-2008 10:42:47	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33171	No
156	GOM_NL__2PRFIN20080704_104653_000000372070_00051_33171_4685.N1	04-JUL-2008 10:46:53	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	33171	No
157	GOM_NL__2PRFIN20080704_105707_000000572070_00051_33171_4686.N1	04-JUL-2008 10:57:07	Bright	57.000	160	23Gam Per	2.9300	4700.0	114	33171	No
158	GOM_NL__2PRFIN20080704_105855_000000352070_00051_33171_4687.N1	04-JUL-2008 10:58:55	Bright	34.500	175	39Del Per	3.0100	19400.	69	33171	No
159	GOM_NL__2PRFIN20080704_110111_000000342070_00051_33171_4688.N1	04-JUL-2008 11:01:11	Bright	34.000	149	45Eps Per	2.8880	30000.	68	33171	No
160	GOM_NL__2PRFIN20080704_110336_000000402070_00051_33171_4689.N1	04-JUL-2008 11:03:36	Bright	39.500	150	44Zet Per	2.8900	28000.	79	33171	No

161	GOM_NL__2PRFIN20080704_110557_000000412070_00051_33171_4690.N1	04-JUL-2008 11:05:57	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	33171	No
162	GOM_NL__2PRFIN20080704_111625_000000432070_00051_33171_4691.N1	04-JUL-2008 11:16:25	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	33171	No
163	GOM_NL__2PRFIN20080704_112457_000000412070_00051_33171_4692.N1	04-JUL-2008 11:24:57	Dark	40.500	157	The1Eri	2.9060	9300.0	81	33171	No
164	GOM_NL__2PRFIN20080704_113108_000000532070_00052_33172_4682.N1	04-JUL-2008 11:31:08	Dark	52.500	9	Alp Eri	0.45300	24000.	105	33172	No
165	GOM_NL__2PRFIN20080704_113532_000000362070_00052_33172_4683.N1	04-JUL-2008 11:35:32	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33172	No
166	GOM_NL__2PRFIN20080704_113840_000000432070_00052_33172_4684.N1	04-JUL-2008 11:38:40	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	33172	No
167	GOM_NL__2PRFIN20080704_114255_000000402070_00052_33172_4685.N1	04-JUL-2008 11:42:55	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33172	No
168	GOM_NL__2PRFIN20080704_114946_000000432070_00052_33172_4686.N1	04-JUL-2008 11:49:46	Twi_and_stray	42.500	40	The Sco	1.8590	7100.0	85	33172	No
169	GOM_NL__2PRFIN20080704_115125_000000442070_00052_33172_4687.N1	04-JUL-2008 11:51:25	Twi_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	33172	No
170	GOM_NL__2PRFIN20080704_115252_000000452070_00052_33172_4688.N1	04-JUL-2008 11:52:52	Bright	44.500	116	19Del Sgr	2.7000	4100.0	89	33172	No
171	GOM_NL__2PRFIN20080704_115735_000000372070_00052_33172_4689.N1	04-JUL-2008 11:57:35	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33172	No
172	GOM_NL__2PRFIN20080704_120306_000000372070_00052_33172_4690.N1	04-JUL-2008 12:03:06	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33172	No
173	GOM_NL__2PRFIN20080704_120525_000000372070_00052_33172_4691.N1	04-JUL-2008 12:05:25	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33172	No
174	GOM_NL__2PRFIN20080704_120817_000000342070_00052_33172_4692.N1	04-JUL-2008 12:08:17	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	33172	No
175	GOM_NL__2PRFIN20080704_121057_000000372070_00052_33172_4693.N1	04-JUL-2008 12:10:57	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	33172	No
176	GOM_NL__2PRFIN20080704_121646_000000372070_00052_33172_4694.N1	04-JUL-2008 12:16:46	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33172	No
177	GOM_NL__2PRFIN20080704_121919_000000352070_00052_33172_4695.N1	04-JUL-2008 12:19:19	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	33172	No
178	GOM_NL__2PRFIN20080704_122324_000000362070_00052_33172_4696.N1	04-JUL-2008 12:23:24	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33172	No
179	GOM_NL__2PRFIN20080704_122729_000000372070_00052_33172_4697.N1	04-JUL-2008 12:27:29	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	33172	No
180	GOM_NL__2PRFIN20080704_123743_000000362070_00052_33172_4698.N1	04-JUL-2008 12:37:43	Bright	36.000	160	23Gam Per	2.9300	4700.0	72	33172	No
181	GOM_NL__2PRFIN20080704_123931_000000342070_00052_33172_4699.N1	04-JUL-2008 12:39:31	Bright	34.000	175	39Del Per	3.0100	19400.	68	33172	No
182	GOM_NL__2PRFIN20080704_124147_000000352070_00052_33172_4700.N1	04-JUL-2008 12:41:47	Bright	34.500	149	45Eps Per	2.8880	30000.	69	33172	No
183	GOM_NL__2PRFIN20080704_124412_000000392070_00052_33172_4701.N1	04-JUL-2008 12:44:12	Bright	39.000	150	44Zet Per	2.8900	28000.	78	33172	No
184	GOM_NL__2PRFIN20080704_124633_000000412070_00052_33172_4702.N1	04-JUL-2008 12:46:33	Twilight	41.000	146	25Eta Tau	2.8730	15200.	82	33172	No
185	GOM_NL__2PRFIN20080704_125701_000000422070_00052_33172_4703.N1	04-JUL-2008 12:57:01	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	33172	No
186	GOM_NL__2PRFIN20080704_130534_000000392070_00052_33172_4704.N1	04-JUL-2008 13:05:34	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33172	No
187	GOM_NL__2PRFIN20080704_131144_000000492070_00053_33173_4696.N1	04-JUL-2008 13:11:44	Dark	49.000	9	Alp Eri	0.45300	24000.	98	33173	No
188	GOM_NL__2PRFIN20080704_131608_000000362070_00053_33173_4697.N1	04-JUL-2008 13:16:08	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	33173	No
189	GOM_NL__2PRFIN20080704_131916_000000432070_00053_33173_4698.N1	04-JUL-2008 13:19:16	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	33173	No
190	GOM_NL__2PRFIN20080704_132331_000000472070_00053_33173_4699.N1	04-JUL-2008 13:23:31	Straylight	46.500	45	Alp Pav	1.9400	26000.	93	33173	No
191	GOM_NL__2PRFIN20080704_133022_000000432070_00053_33173_4700.N1	04-JUL-2008 13:30:22	Twi_and_stray	42.500	40	The Sco	1.8590	7100.0	85	33173	No
192	GOM_NL__2PRFIN20080704_133202_000000412070_00053_33173_4701.N1	04-JUL-2008 13:32:02	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	33173	No
193	GOM_NL__2PRFIN20080704_133328_000000422070_00053_33173_4702.N1	04-JUL-2008 13:33:28	Bright	42.000	116	19Del Sgr	2.7000	4100.0	84	33173	No
194	GOM_NL__2PRFIN20080704_133811_000000372070_00053_33173_4703.N1	04-JUL-2008 13:38:11	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33173	No
195	GOM_NL__2PRFIN20080704_134342_000000362070_00053_33173_4704.N1	04-JUL-2008 13:43:42	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33173	No
196	GOM_NL__2PRFIN20080704_134601_000000352070_00053_33173_4705.N1	04-JUL-2008 13:46:01	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	33173	No
197	GOM_NL__2PRFIN20080704_134853_000000352070_00053_33173_4706.N1	04-JUL-2008 13:48:53	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33173	No
198	GOM_NL__2PRFIN20080704_135133_000000332070_00053_33173_4707.N1	04-JUL-2008 13:51:33	Bright	33.000	133	40Zet Her	2.8070	6000.0	66	33173	No
199	GOM_NL__2PRFIN20080704_135721_000000392070_00053_33173_4708.N1	04-JUL-2008 13:57:21	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	33173	No
200	GOM_NL__2PRFIN20080704_135955_000000352070_00053_33173_4709.N1	04-JUL-2008 13:59:55	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	33173	No
201	GOM_NL__2PRFIN20080704_140400_000000372070_00053_33173_4710.N1	04-JUL-2008 14:04:00	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	33173	No
202	GOM_NL__2PRFIN20080704_140805_000000332070_00053_33173_4711.N1	04-JUL-2008 14:08:05	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	33173	No
203	GOM_NL__2PRFIN20080704_141819_000000382070_00053_33173_4712.N1	04-JUL-2008 14:18:19	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	33173	No
204	GOM_NL__2PRFIN20080704_142007_000000342070_00053_33173_4713.N1	04-JUL-2008 14:20:07	Bright	33.500	175	39Del Per	3.0100	19400.	67	33173	No
205	GOM_NL__2PRFIN20080704_142223_000000452070_00053_33173_4714.N1	04-JUL-2008 14:22:23	Bright	45.000	149	45Eps Per	2.8880	30000.	90	33173	No
206	GOM_NL__2PRFIN20080704_142448_000000392070_00053_33173_4715.N1	04-JUL-2008 14:24:48	Bright	38.500	150	44Zet Per	2.8900	28000.	77	33173	No
207	GOM_NL__2PRFIN20080704_142709_000000412070_00053_33173_4716.N1	04-JUL-2008 14:27:09	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	33173	No
208	GOM_NL__2PRFIN20080704_143737_000000432070_00053_33173_4717.N1	04-JUL-2008 14:37:37	Dark	43.000	165	34Gam Eri	2.9500	3200.0	86	33173	No
209	GOM_NL__2PRFIN20080704_144610_000000412070_00053_33173_4718.N1	04-JUL-2008 14:46:10	Dark	40.500	157	The1Eri	2.9060	9300.0	81	33173	No
210	GOM_NL__2PRFIN20080704_145220_000000392070_00054_33174_4714.N1	04-JUL-2008 14:52:20	Dark	39.000	9	Alp Eri	0.45300	24000.	78	33174	No
211	GOM_NL__2PRFIN20080704_145645_000000372070_00054_33174_4715.N1	04-JUL-2008 14:56:45	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33174	No
212	GOM_NL__2PRFIN20080704_145953_000000412070_00054_33174_4716.N1	04-JUL-2008 14:59:53	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33174	No
213	GOM_NL__2PRFIN20080704_150408_000000402070_00054_33174_4717.N1	04-JUL-2008 15:04:08	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33174	No
214	GOM_NL__2PRFIN20080704_151058_000000422070_00054_33174_4718.N1	04-JUL-2008 15:10:58	Twi_and_stray	41.500	40	The Sco	1.8590	7100.0	83	33174	No
215	GOM_NL__2PRFIN20080704_151238_000000412070_00054_33174_4719.N1	04-JUL-2008 15:12:38	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	33174	No
216	GOM_NL__2PRFIN20080704_151404_000000442070_00054_33174_4720.N1	04-JUL-2008 15:14:04	Bright	43.500	116	19Del Sgr	2.7000	4100.0	87	33174	No
217	GOM_NL__2PRFIN20080704_151847_000000372070_00054_33174_4721.N1	04-JUL-2008 15:18:47	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33174	No
218	GOM_NL__2PRFIN20080704_152418_000000362070_00054_33174_4722.N1	04-JUL-2008 15:24:18	Bright	35.500	126	60Bet Oph	2.7700	4250.0	71	33174	No
219	GOM_NL__2PRFIN20080704_152637_000000372070_00054_33174_4723.N1	04-JUL-2008 15:26:37	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33174	No

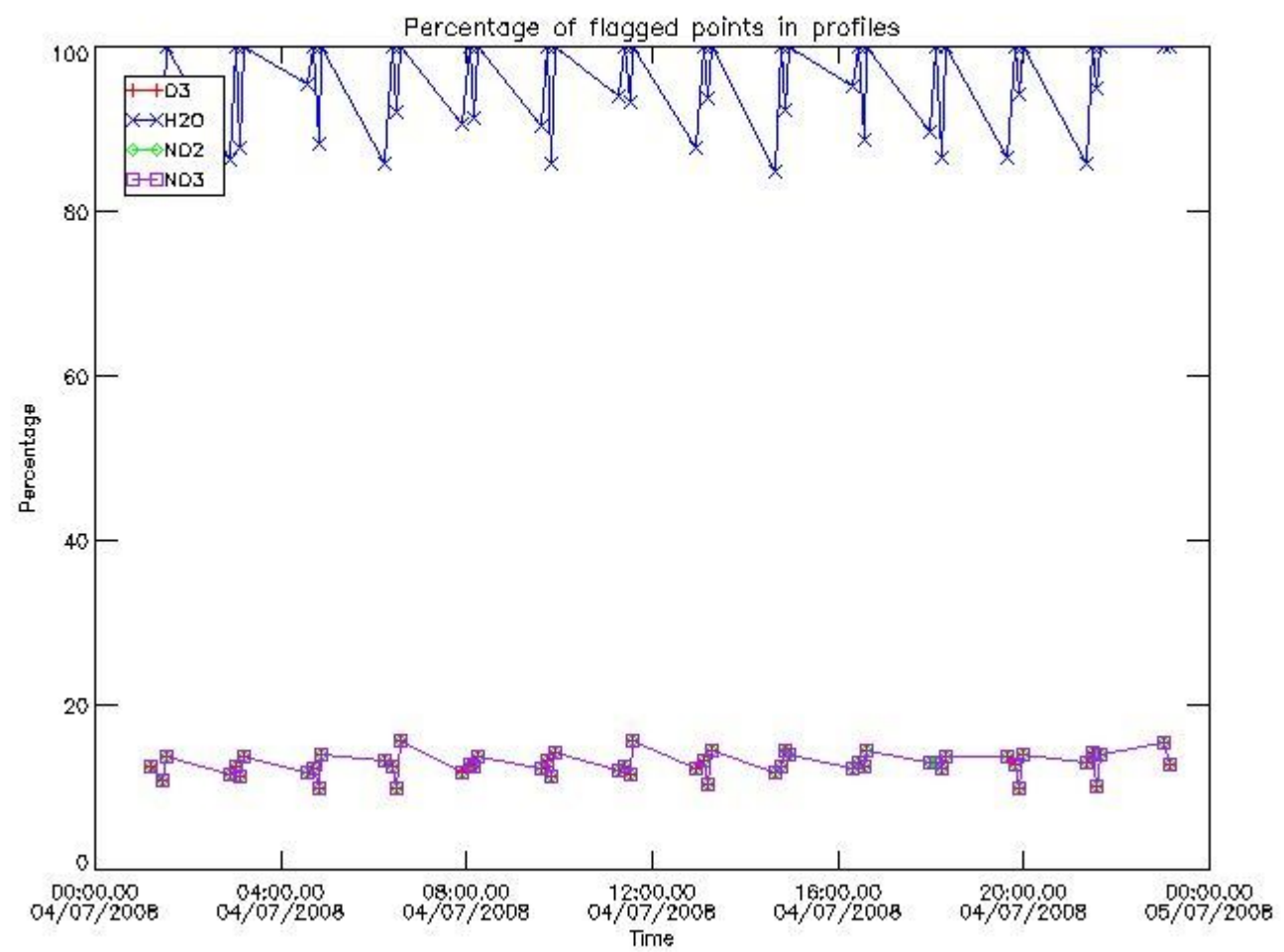
220	GOM_NL__2PRFIN20080704_152929_000000342070_00054_33174_4724.N1	04-JUL-2008 15:29:29	Bright	34.000	127	27Bet Her	2.7810	4700.0	68	33174	No
221	GOM_NL__2PRFIN20080704_153209_000000352070_00054_33174_4725.N1	04-JUL-2008 15:32:09	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33174	No
222	GOM_NL__2PRFIN20080704_153757_000000352070_00054_33174_4726.N1	04-JUL-2008 15:37:57	Bright	34.500	130	23Bet Dra	2.7990	5800.0	69	33174	No
223	GOM_NL__2PRFIN20080704_154031_000000362070_00054_33174_4727.N1	04-JUL-2008 15:40:31	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33174	No
224	GOM_NL__2PRFIN20080704_154436_000000332070_00054_33174_4728.N1	04-JUL-2008 15:44:36	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	33174	No
225	GOM_NL__2PRFIN20080704_154841_000000342070_00054_33174_4729.N1	04-JUL-2008 15:48:41	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33174	No
226	GOM_NL__2PRFIN20080704_155855_000000452070_00054_33174_4730.N1	04-JUL-2008 15:58:55	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	33174	No
227	GOM_NL__2PRFIN20080704_160043_000000382070_00054_33174_4731.N1	04-JUL-2008 16:00:43	Bright	38.000	175	39Del Per	3.0100	19400.	76	33174	No
228	GOM_NL__2PRFIN20080704_160259_000000372070_00054_33174_4732.N1	04-JUL-2008 16:02:59	Bright	36.500	149	45Eps Per	2.8880	30000.	73	33174	No
229	GOM_NL__2PRFIN20080704_160524_000000382070_00054_33174_4733.N1	04-JUL-2008 16:05:24	Bright	37.500	150	44Zet Per	2.8900	28000.	75	33174	No
230	GOM_NL__2PRFIN20080704_160745_000000402070_00054_33174_4734.N1	04-JUL-2008 16:07:45	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33174	No
231	GOM_NL__2PRFIN20080704_161814_000000422070_00054_33174_4735.N1	04-JUL-2008 16:18:14	Dark	41.500	165	34Gam Eri	2.9500	3200.0	83	33174	No
232	GOM_NL__2PRFIN20080704_162647_000000392070_00054_33174_4736.N1	04-JUL-2008 16:26:47	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33174	No
233	GOM_NL__2PRFIN20080704_163257_000000412070_00055_33175_4727.N1	04-JUL-2008 16:32:57	Dark	40.500	9	Alp Eri	0.45300	24000.	81	33175	No
234	GOM_NL__2PRFIN20080704_163721_000000362070_00055_33175_4728.N1	04-JUL-2008 16:37:21	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	33175	No
235	GOM_NL__2PRFIN20080704_164029_000000392070_00055_33175_4729.N1	04-JUL-2008 16:40:29	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	33175	No
236	GOM_NL__2PRFIN20080704_164444_000000412070_00055_33175_4730.N1	04-JUL-2008 16:44:44	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33175	No
237	GOM_NL__2PRFIN20080704_165134_000000442070_00055_33175_4731.N1	04-JUL-2008 16:51:34	Tw_and_stray	44.000	40	The Sco	1.8590	7100.0	88	33175	No
238	GOM_NL__2PRFIN20080704_165314_000000412070_00055_33175_4732.N1	04-JUL-2008 16:53:14	Tw_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	33175	No
239	GOM_NL__2PRFIN20080704_165440_000000452070_00055_33175_4733.N1	04-JUL-2008 16:54:40	Bright	44.500	116	19Del Sgr	2.7000	4100.0	89	33175	No
240	GOM_NL__2PRFIN20080704_165924_000000372070_00055_33175_4734.N1	04-JUL-2008 16:59:24	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33175	No
241	GOM_NL__2PRFIN20080704_170454_000000362070_00055_33175_4735.N1	04-JUL-2008 17:04:54	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33175	No
242	GOM_NL__2PRFIN20080704_170712_000000372070_00055_33175_4736.N1	04-JUL-2008 17:07:12	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33175	No
243	GOM_NL__2PRFIN20080704_171005_000000352070_00055_33175_4737.N1	04-JUL-2008 17:10:05	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33175	No
244	GOM_NL__2PRFIN20080704_171245_000000432070_00055_33175_4738.N1	04-JUL-2008 17:12:45	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	33175	No
245	GOM_NL__2PRFIN20080704_171833_000000362070_00055_33175_4739.N1	04-JUL-2008 17:18:33	Bright	36.000	130	23Bet Dra	2.7990	5800.0	72	33175	No
246	GOM_NL__2PRFIN20080704_172107_000000372070_00055_33175_4740.N1	04-JUL-2008 17:21:07	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33175	No
247	GOM_NL__2PRFIN20080704_172512_000000332070_00055_33175_4741.N1	04-JUL-2008 17:25:12	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	33175	No
248	GOM_NL__2PRFIN20080704_172917_000000362070_00055_33175_4742.N1	04-JUL-2008 17:29:17	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33175	No
249	GOM_NL__2PRFIN20080704_173931_000000482070_00055_33175_4743.N1	04-JUL-2008 17:39:31	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	33175	No
250	GOM_NL__2PRFIN20080704_174120_000000342070_00055_33175_4744.N1	04-JUL-2008 17:41:20	Bright	33.500	175	39Del Per	3.0100	19400.	67	33175	No
251	GOM_NL__2PRFIN20080704_174335_000000332070_00055_33175_4745.N1	04-JUL-2008 17:43:35	Bright	33.000	149	45Eps Per	2.8880	30000.	66	33175	No
252	GOM_NL__2PRFIN20080704_174600_000000392070_00055_33175_4746.N1	04-JUL-2008 17:46:00	Bright	39.000	150	44Zet Per	2.8900	28000.	78	33175	No
253	GOM_NL__2PRFIN20080704_174822_000000402070_00055_33175_4747.N1	04-JUL-2008 17:48:22	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	33175	No
254	GOM_NL__2PRFIN20080704_175850_000000392070_00055_33175_4748.N1	04-JUL-2008 17:58:50	Dark	39.000	165	34Gam Eri	2.9500	3200.0	78	33175	No
255	GOM_NL__2PRFIN20080704_180723_000000392070_00055_33175_4749.N1	04-JUL-2008 18:07:23	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33175	No
256	GOM_NL__2PRFIN20080704_181334_000000422070_00056_33176_4742.N1	04-JUL-2008 18:13:34	Dark	41.500	9	Alp Eri	0.45300	24000.	83	33176	No
257	GOM_NL__2PRFIN20080704_181757_000000372070_00056_33176_4743.N1	04-JUL-2008 18:17:57	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33176	No
258	GOM_NL__2PRFIN20080704_182106_000000402070_00056_33176_4744.N1	04-JUL-2008 18:21:06	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	33176	No
259	GOM_NL__2PRFIN20080704_182521_000000392070_00056_33176_4745.N1	04-JUL-2008 18:25:21	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	33176	No
260	GOM_NL__2PRFIN20080704_183210_000000432070_00056_33176_4746.N1	04-JUL-2008 18:32:10	Tw_and_stray	43.000	40	The Sco	1.8590	7100.0	86	33176	No
261	GOM_NL__2PRFIN20080704_183350_000000432070_00056_33176_4747.N1	04-JUL-2008 18:33:50	Tw_and_stray	42.500	25	35Lam Sco	1.6200	28000.	85	33176	No
262	GOM_NL__2PRFIN20080704_183517_000000442070_00056_33176_4748.N1	04-JUL-2008 18:35:17	Bright	44.000	116	19Del Sgr	2.7000	4100.0	88	33176	No
263	GOM_NL__2PRFIN20080704_184000_000000372070_00056_33176_4749.N1	04-JUL-2008 18:40:00	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	33176	No
264	GOM_NL__2PRFIN20080704_184530_000000372070_00056_33176_4750.N1	04-JUL-2008 18:45:30	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33176	No
265	GOM_NL__2PRFIN20080704_184749_000000372070_00056_33176_4751.N1	04-JUL-2008 18:47:49	Bright	36.500	59	55Alp Oph	2.0800	8900.0	73	33176	No
266	GOM_NL__2PRFIN20080704_185041_000000372070_00056_33176_4752.N1	04-JUL-2008 18:50:41	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33176	No
267	GOM_NL__2PRFIN20080704_185322_000000352070_00056_33176_4753.N1	04-JUL-2008 18:53:22	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33176	No
268	GOM_NL__2PRFIN20080704_185909_000000382070_00056_33176_4754.N1	04-JUL-2008 18:59:09	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	33176	No
269	GOM_NL__2PRFIN20080704_190143_000000362070_00056_33176_4755.N1	04-JUL-2008 19:01:43	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	33176	No
270	GOM_NL__2PRFIN20080704_190548_000000382070_00056_33176_4756.N1	04-JUL-2008 19:05:48	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	33176	No
271	GOM_NL__2PRFIN20080704_190953_000000352070_00056_33176_4757.N1	04-JUL-2008 19:09:53	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33176	No
272	GOM_NL__2PRFIN20080704_192007_000000422070_00056_33176_4758.N1	04-JUL-2008 19:20:07	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	33176	No
273	GOM_NL__2PRFIN20080704_192156_000000402070_00056_33176_4759.N1	04-JUL-2008 19:21:56	Bright	39.500	175	39Del Per	3.0100	19400.	79	33176	No
274	GOM_NL__2PRFIN20080704_192411_000000332070_00056_33176_4760.N1	04-JUL-2008 19:24:11	Bright	33.000	149	45Eps Per	2.8880	30000.	66	33176	No
275	GOM_NL__2PRFIN20080704_192636_000000392070_00056_33176_4761.N1	04-JUL-2008 19:26:36	Bright	38.500	150	44Zet Per	2.8900	28000.	77	33176	No
276	GOM_NL__2PRFIN20080704_192858_000000402070_00056_33176_4762.N1	04-JUL-2008 19:28:58	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33176	No
277	GOM_NL__2PRFIN20080704_193926_000000412070_00056_33176_4763.N1	04-JUL-2008 19:39:26	Dark	41.000	165	34Gam Eri	2.9500	3200.0	82	33176	No
278	GOM_NL__2PRFIN20080704_194800_000000402070_00056_33176_4764.N1	04-JUL-2008 19:48:00	Dark	40.000	157	The1Eri	2.9060	9300.0	80	33176	No

279	GOM_NL__2PRFIN20080704_195410_00000522070_00057_33177_4758.N1	04-JUL-2008 19:54:10	Dark	52.000	9	Alp Eri	0.45300	24000.	104	33177	No
280	GOM_NL__2PRFIN20080704_195833_00000372070_00057_33177_4759.N1	04-JUL-2008 19:58:33	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33177	No
281	GOM_NL__2PRFIN20080704_200142_00000422070_00057_33177_4760.N1	04-JUL-2008 20:01:42	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	33177	No
282	GOM_NL__2PRFIN20080704_200557_00000402070_00057_33177_4761.N1	04-JUL-2008 20:05:57	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33177	No
283	GOM_NL__2PRFIN20080704_201246_00000422070_00057_33177_4762.N1	04-JUL-2008 20:12:46	Twilight	41.500	40	The Sco	1.8590	7100.0	83	33177	No
284	GOM_NL__2PRFIN20080704_201426_00000422070_00057_33177_4763.N1	04-JUL-2008 20:14:26	Twilight	41.500	25	35Lam Sco	1.6200	28000.	83	33177	No
285	GOM_NL__2PRFIN20080704_201553_00000542070_00057_33177_4764.N1	04-JUL-2008 20:15:53	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	33177	No
286	GOM_NL__2PRFIN20080704_202036_00000372070_00057_33177_4765.N1	04-JUL-2008 20:20:36	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33177	No
287	GOM_NL__2PRFIN20080704_202606_00000372070_00057_33177_4766.N1	04-JUL-2008 20:26:06	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33177	No
288	GOM_NL__2PRFIN20080704_202824_00000372070_00057_33177_4767.N1	04-JUL-2008 20:28:24	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33177	No
289	GOM_NL__2PRFIN20080704_203118_00000372070_00057_33177_4768.N1	04-JUL-2008 20:31:18	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	33177	No
290	GOM_NL__2PRFIN20080704_203358_00000352070_00057_33177_4769.N1	04-JUL-2008 20:33:58	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	33177	No
291	GOM_NL__2PRFIN20080704_203945_00000372070_00057_33177_4770.N1	04-JUL-2008 20:39:45	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33177	No
292	GOM_NL__2PRFIN20080704_204219_00000362070_00057_33177_4771.N1	04-JUL-2008 20:42:19	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	33177	No
293	GOM_NL__2PRFIN20080704_204624_00000382070_00057_33177_4772.N1	04-JUL-2008 20:46:24	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	33177	No
294	GOM_NL__2PRFIN20080704_205029_00000372070_00057_33177_4773.N1	04-JUL-2008 20:50:29	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33177	No
295	GOM_NL__2PRFIN20080704_210043_00000372070_00057_33177_4774.N1	04-JUL-2008 21:00:43	Bright	36.500	160	23Gam Per	2.9300	4700.0	73	33177	No
296	GOM_NL__2PRFIN20080704_210231_00000512070_00057_33177_4775.N1	04-JUL-2008 21:02:31	Bright	51.000	175	39Del Per	3.0100	19400.	102	33177	No
297	GOM_NL__2PRFIN20080704_210447_00000342070_00057_33177_4776.N1	04-JUL-2008 21:04:47	Bright	33.500	149	45Eps Per	2.8880	30000.	67	33177	No
298	GOM_NL__2PRFIN20080704_210712_00000372070_00057_33177_4777.N1	04-JUL-2008 21:07:12	Bright	36.500	150	44Zet Per	2.8900	28000.	73	33177	No
299	GOM_NL__2PRFIN20080704_210934_00000402070_00057_33177_4778.N1	04-JUL-2008 21:09:34	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	33177	No
300	GOM_NL__2PRFIN20080704_212003_00000392070_00057_33177_4779.N1	04-JUL-2008 21:20:03	Dark	39.000	165	34Gam Eri	2.9500	3200.0	78	33177	No
301	GOM_NL__2PRFIN20080704_212836_00000402070_00057_33177_4780.N1	04-JUL-2008 21:28:36	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33177	No
302	GOM_NL__2PRFIN20080704_213446_00000512070_00058_33178_4770.N1	04-JUL-2008 21:34:46	Dark	50.500	9	Alp Eri	0.45300	24000.	101	33178	No
303	GOM_NL__2PRFIN20080704_213909_00000372070_00058_33178_4771.N1	04-JUL-2008 21:39:09	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33178	No
304	GOM_NL__2PRFIN20080704_214219_00000402070_00058_33178_4772.N1	04-JUL-2008 21:42:19	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	33178	No
305	GOM_NL__2PRFIN20080704_214634_00000402070_00058_33178_4773.N1	04-JUL-2008 21:46:34	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33178	No
306	GOM_NL__2PRFIN20080704_215323_00000412070_00058_33178_4774.N1	04-JUL-2008 21:53:23	Twilight	41.000	40	The Sco	1.8590	7100.0	82	33178	No
307	GOM_NL__2PRFIN20080704_215502_00000402070_00058_33178_4775.N1	04-JUL-2008 21:55:02	Twilight	40.000	25	35Lam Sco	1.6200	28000.	80	33178	No
308	GOM_NL__2PRFIN20080704_215629_00000452070_00058_33178_4776.N1	04-JUL-2008 21:56:29	Bright	45.000	116	19Del Sgr	2.7000	4100.0	90	33178	No
309	GOM_NL__2PRFIN20080704_220112_00000342070_00058_33178_4777.N1	04-JUL-2008 22:01:12	Bright	34.000	86	35Eta Oph	2.4300	10200.	68	33178	No
310	GOM_NL__2PRFIN20080704_220642_00000372070_00058_33178_4778.N1	04-JUL-2008 22:06:42	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33178	No
311	GOM_NL__2PRFIN20080704_220900_00000372070_00058_33178_4779.N1	04-JUL-2008 22:09:00	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33178	No
312	GOM_NL__2PRFIN20080704_221154_00000372070_00058_33178_4780.N1	04-JUL-2008 22:11:54	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33178	No
313	GOM_NL__2PRFIN20080704_221434_00000352070_00058_33178_4781.N1	04-JUL-2008 22:14:34	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33178	No
314	GOM_NL__2PRFIN20080704_222021_00000532070_00058_33178_4782.N1	04-JUL-2008 22:20:21	Bright	53.000	130	23Bet Dra	2.7990	5800.0	106	33178	No
315	GOM_NL__2PRFIN20080704_222255_00000372070_00058_33178_4783.N1	04-JUL-2008 22:22:55	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	33178	No
316	GOM_NL__2PRFIN20080704_222700_00000362070_00058_33178_4784.N1	04-JUL-2008 22:27:00	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33178	No
317	GOM_NL__2PRFIN20080704_223105_00000372070_00058_33178_4785.N1	04-JUL-2008 22:31:05	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33178	No
318	GOM_NL__2PRFIN20080704_224118_00000372070_00058_33178_4786.N1	04-JUL-2008 22:41:18	Bright	37.000	160	23Gam Per	2.9300	4700.0	74	33178	No
319	GOM_NL__2PRFIN20080704_224307_00000542070_00058_33178_4787.N1	04-JUL-2008 22:43:07	Bright	54.000	175	39Del Per	3.0100	19400.	108	33178	No
320	GOM_NL__2PRFIN20080704_224523_00000342070_00058_33178_4788.N1	04-JUL-2008 22:45:23	Bright	33.500	149	45Eps Per	2.8880	30000.	67	33178	No
321	GOM_NL__2PRFIN20080704_224748_00000392070_00058_33178_4789.N1	04-JUL-2008 22:47:48	Bright	38.500	150	44Zet Per	2.8900	28000.	77	33178	No
322	GOM_NL__2PRFIN20080704_225010_00000392070_00058_33178_4790.N1	04-JUL-2008 22:50:10	Twilight	38.500	146	25Eta Tau	2.8730	15200.	77	33178	No
323	GOM_NL__2PRFIN20080704_230039_00000392070_00058_33178_4791.N1	04-JUL-2008 23:00:39	Dark	39.000	165	34Gam Eri	2.9500	3200.0	78	33178	No
324	GOM_NL__2PRFIN20080704_230912_00000402070_00058_33178_4792.N1	04-JUL-2008 23:09:12	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33178	No

3. Quality information per product

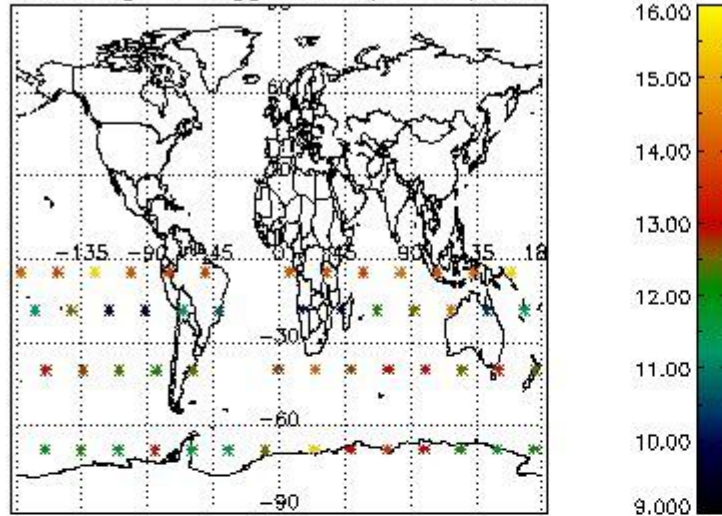
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

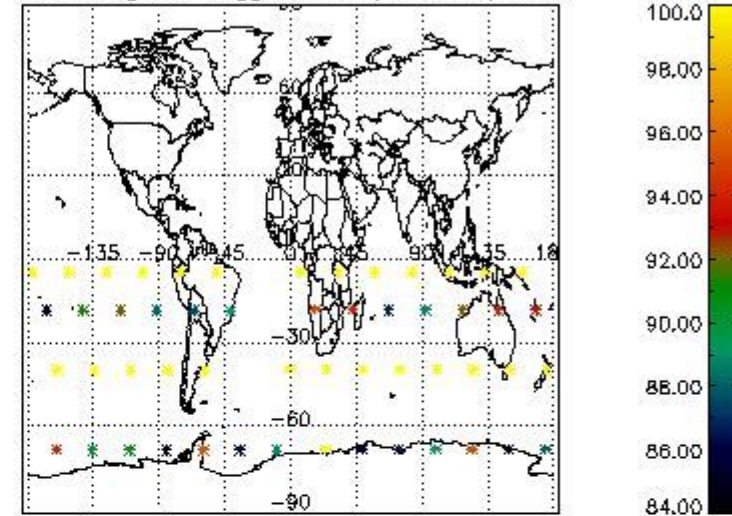


3.2 Plot quality information per product (world map)

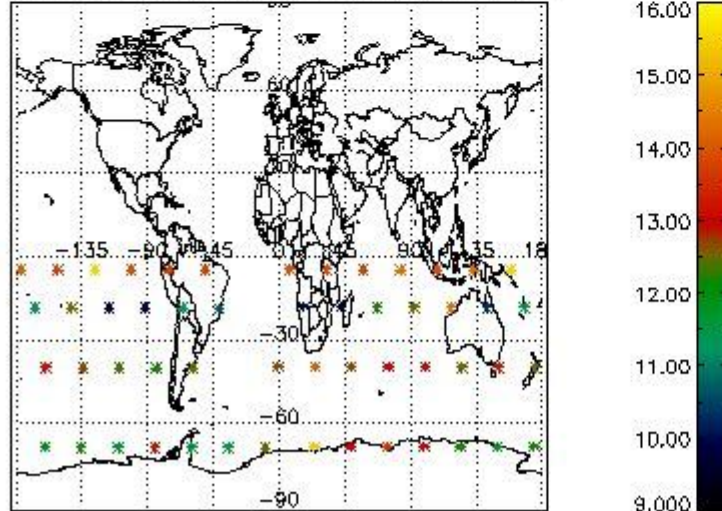
Percentage of flagged data per O3 profile



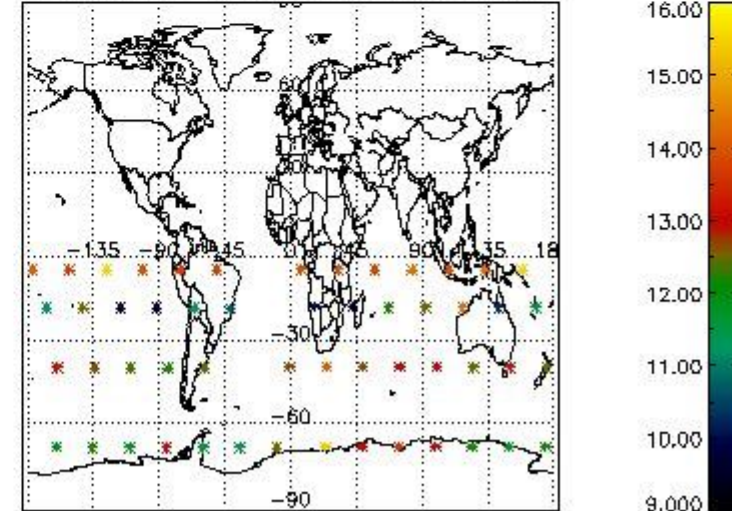
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

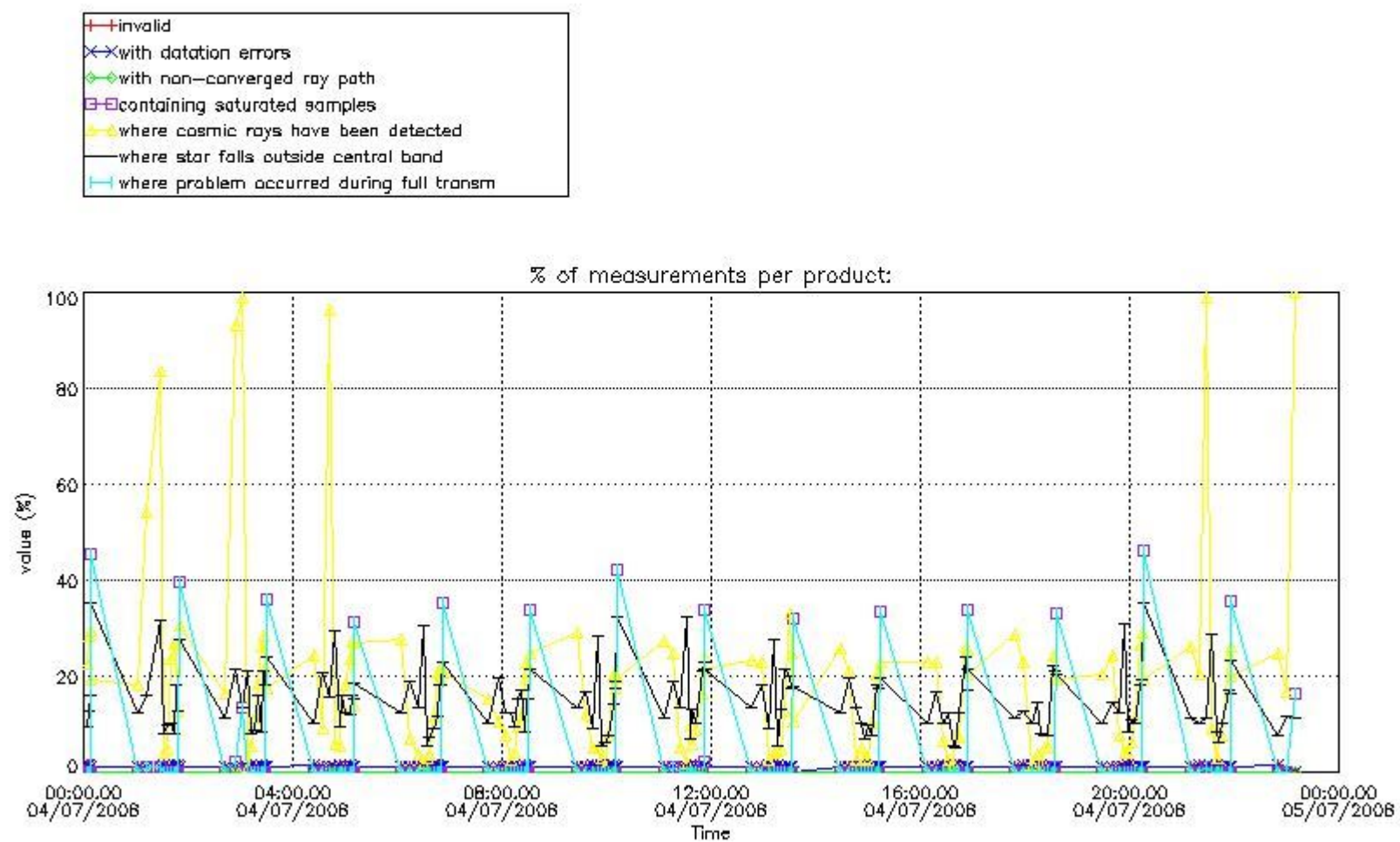


4. Level 1 quality information per product

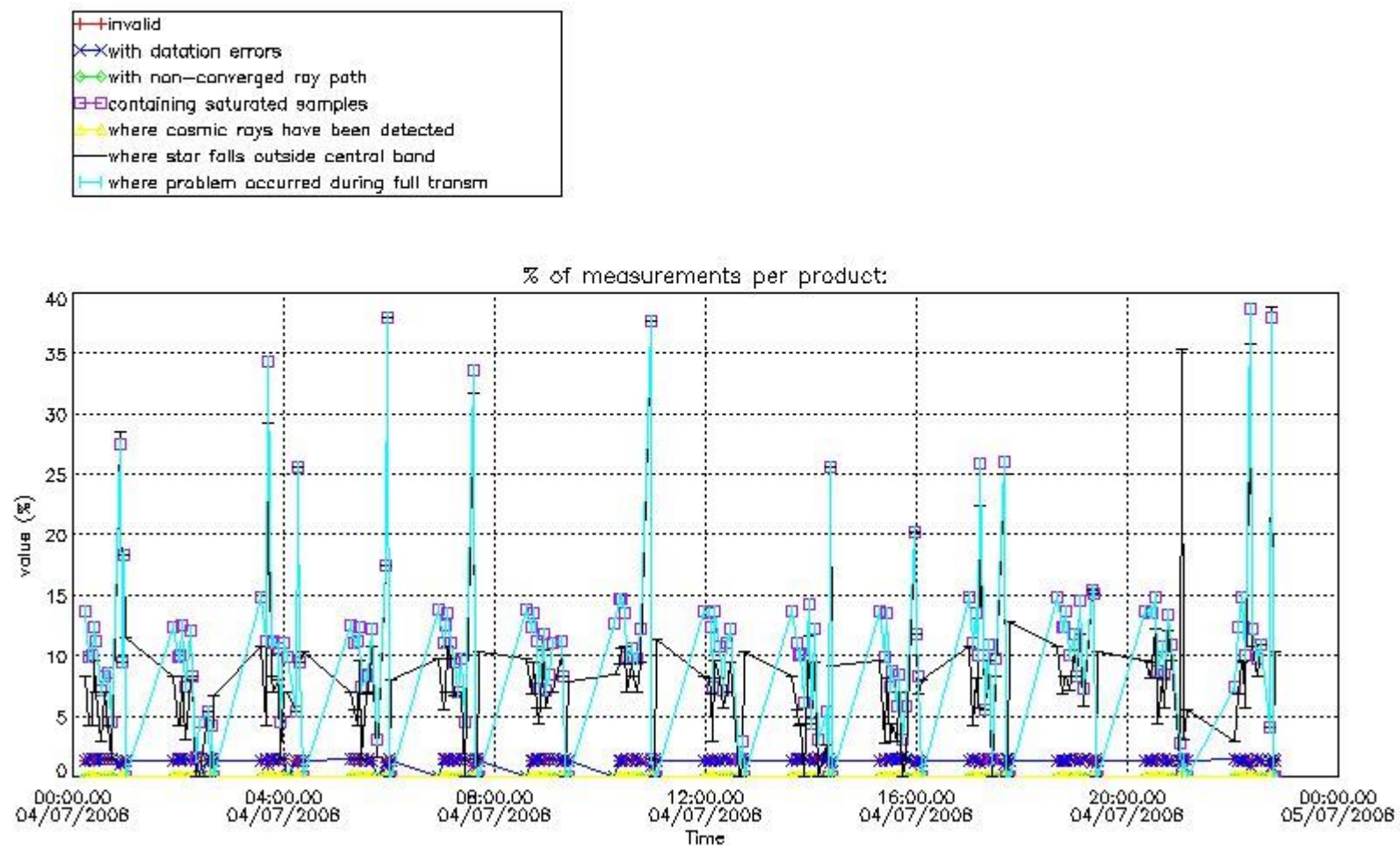
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



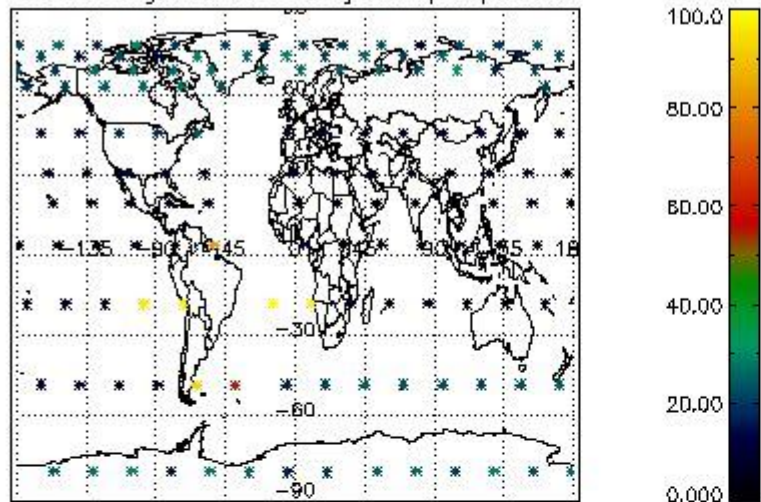
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



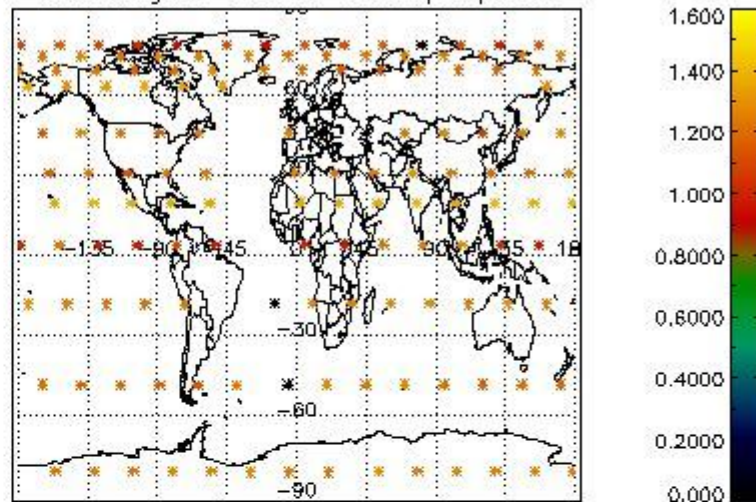
4.2 Plot quality information per product coming from level 1b processing (world map)

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

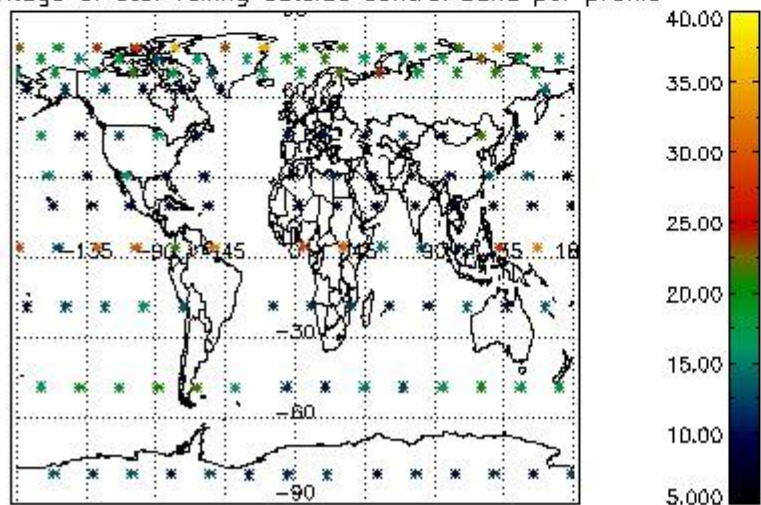
Percentage of cosmic ray hits per profile



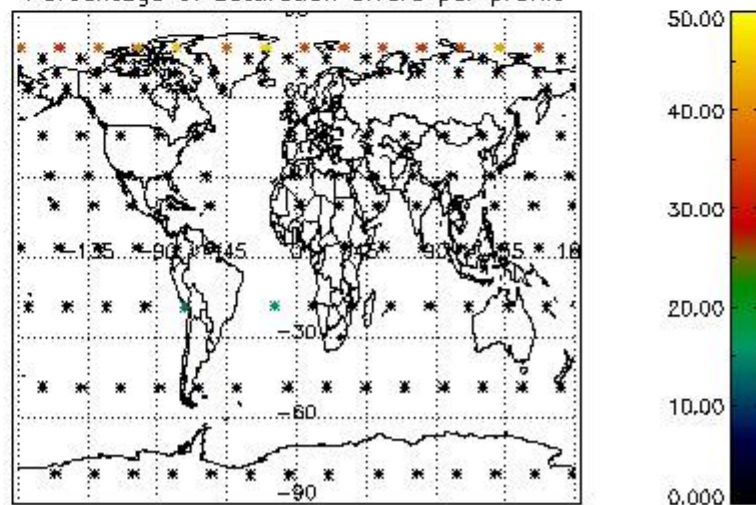
Percentage of datation errors per profile



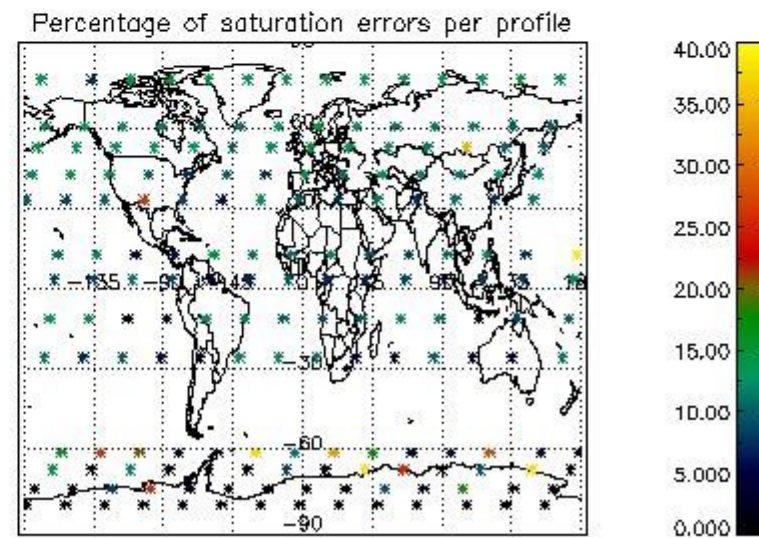
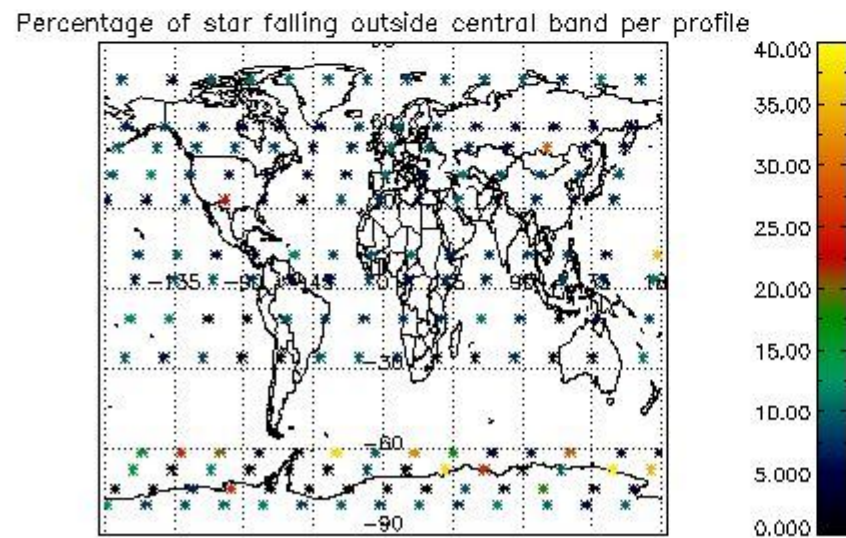
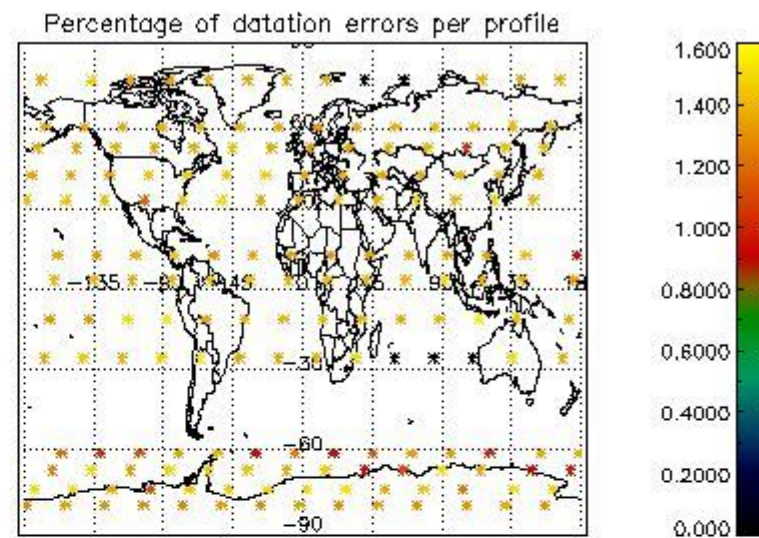
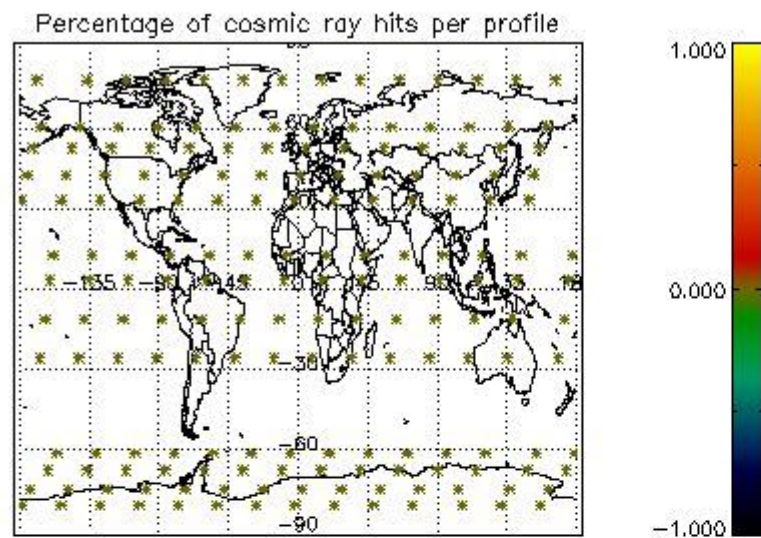
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

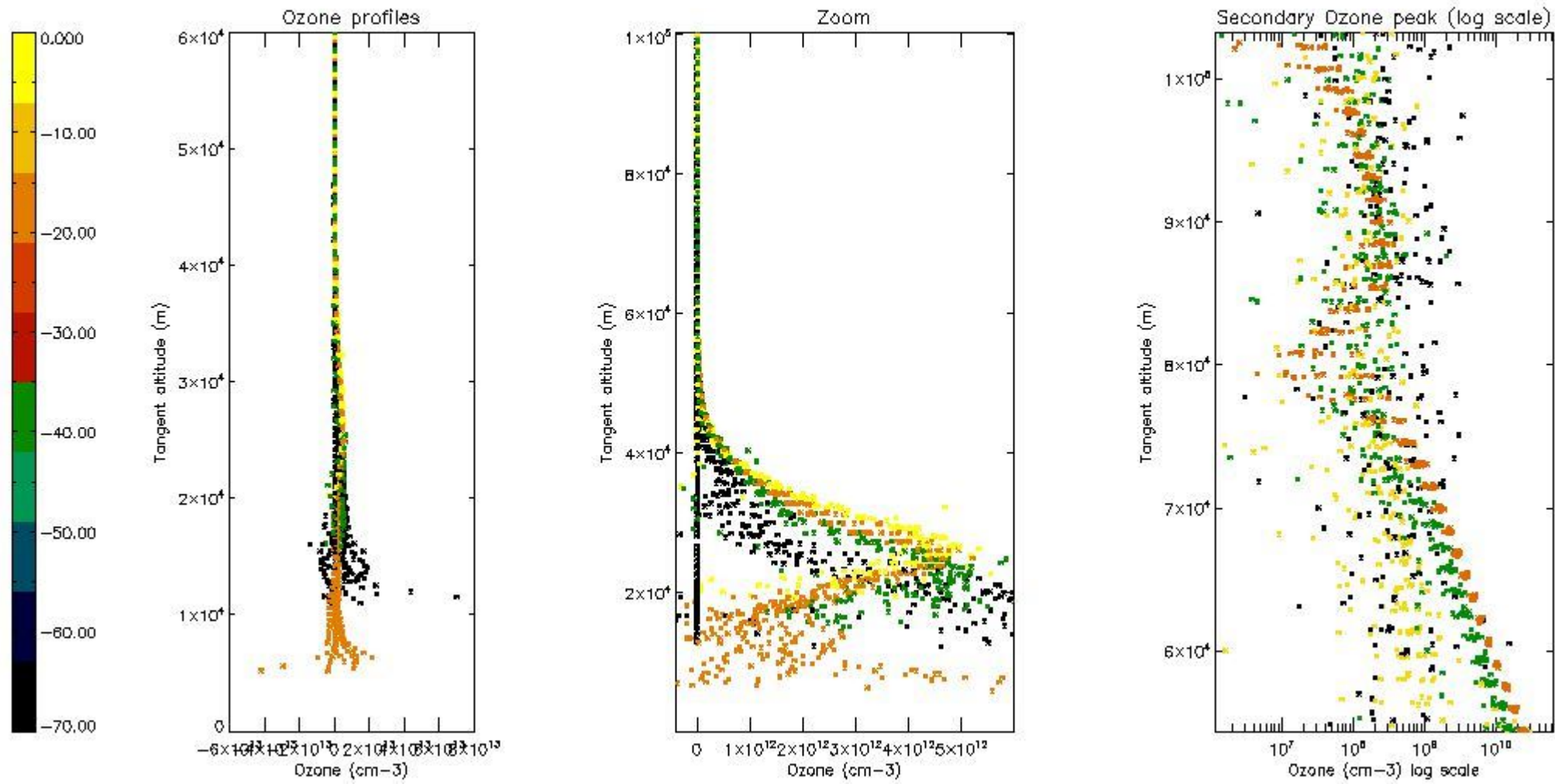
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	18
STD < 20	7

STD < 10	4
STD < 5	2

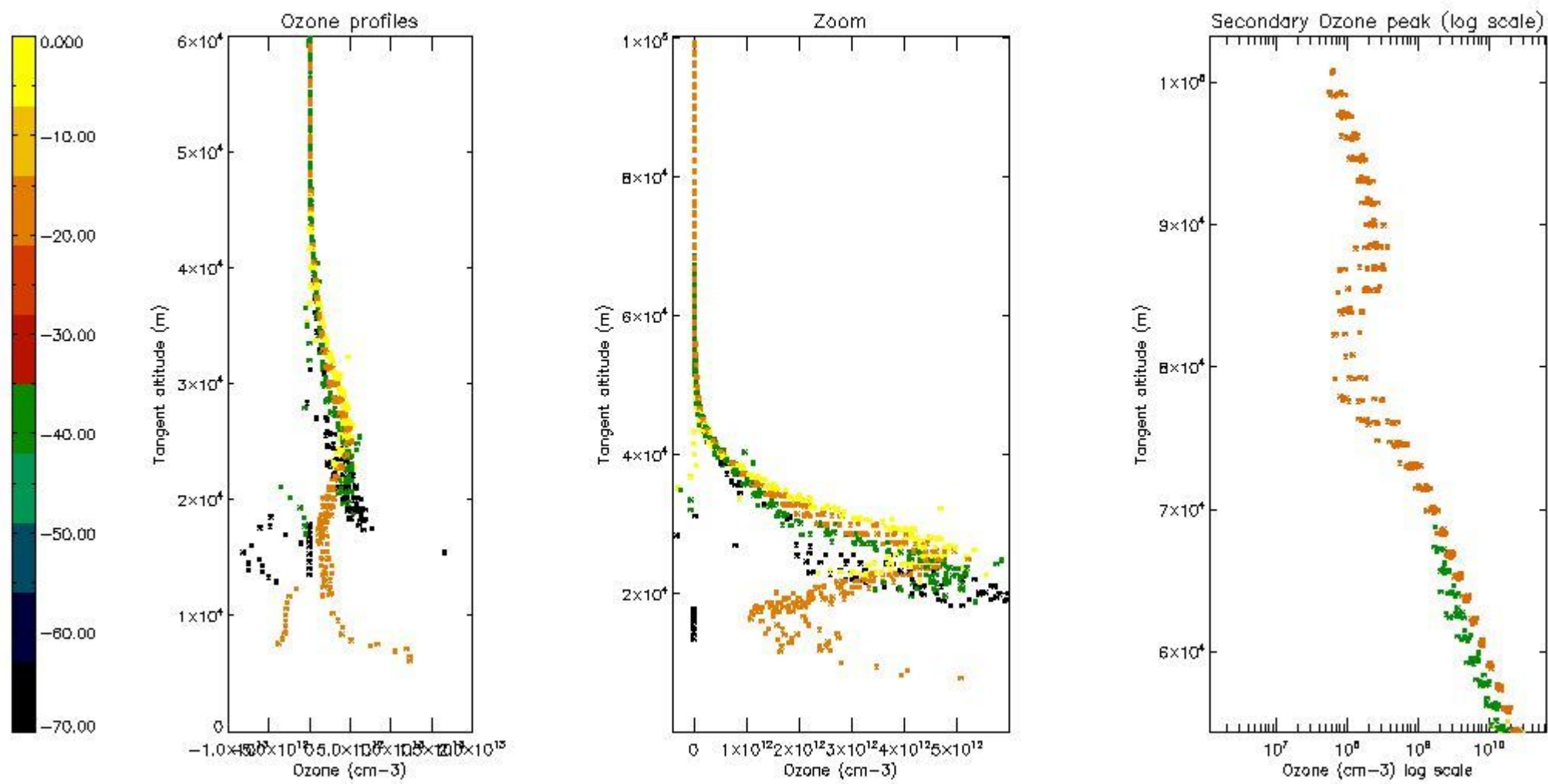
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



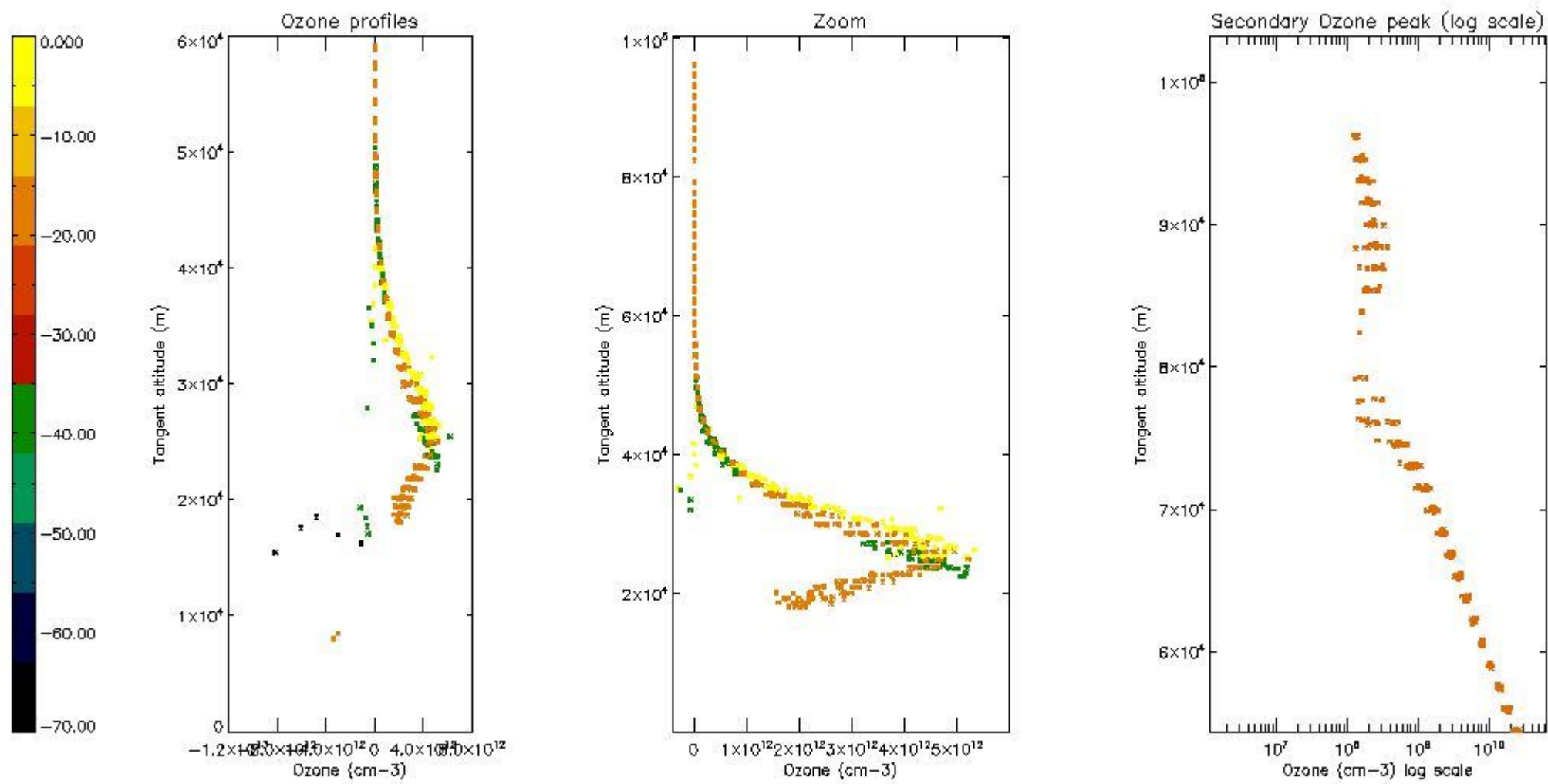
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



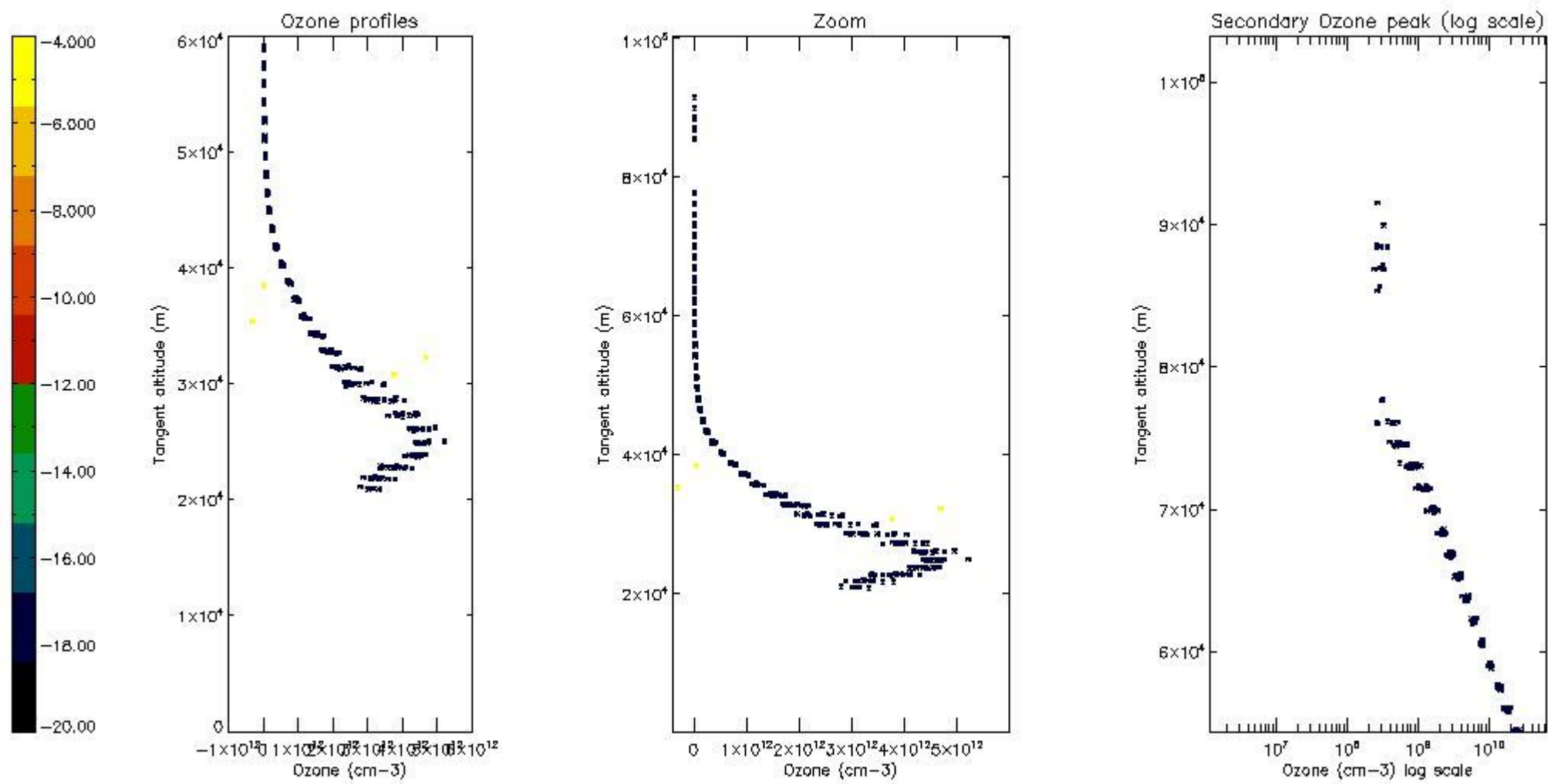
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



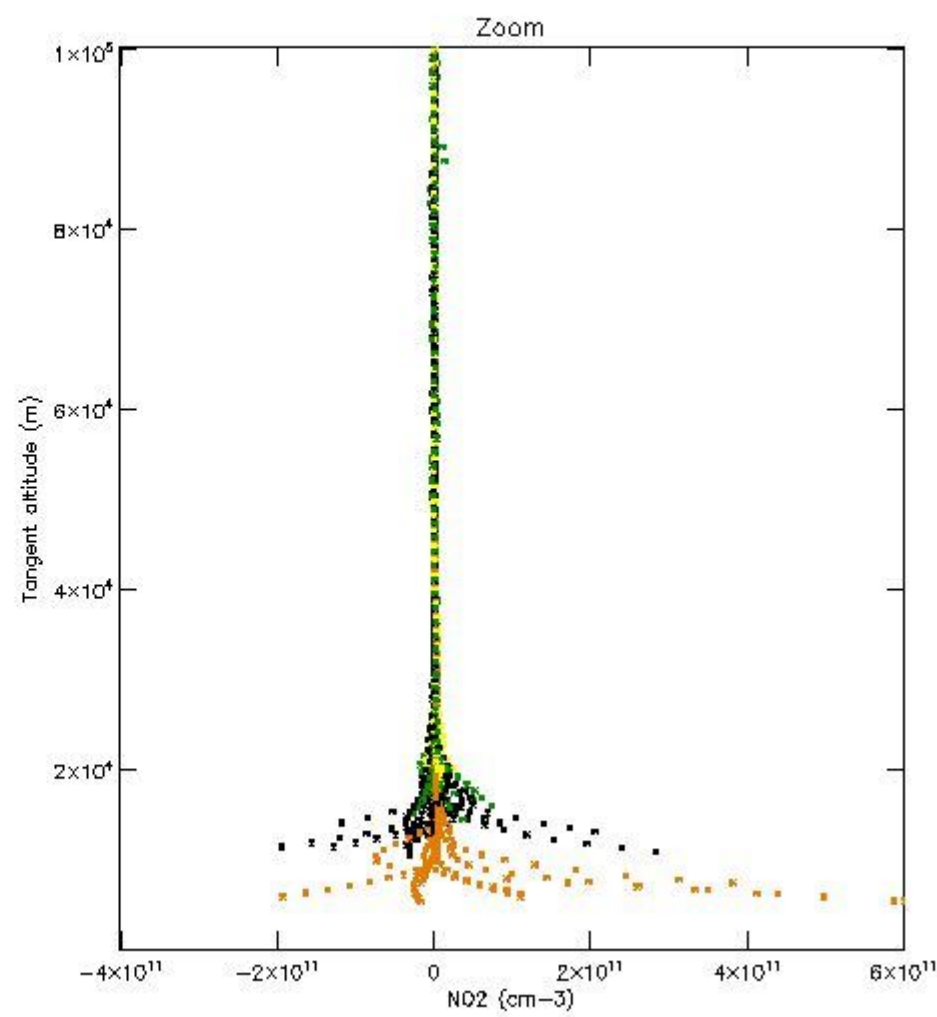
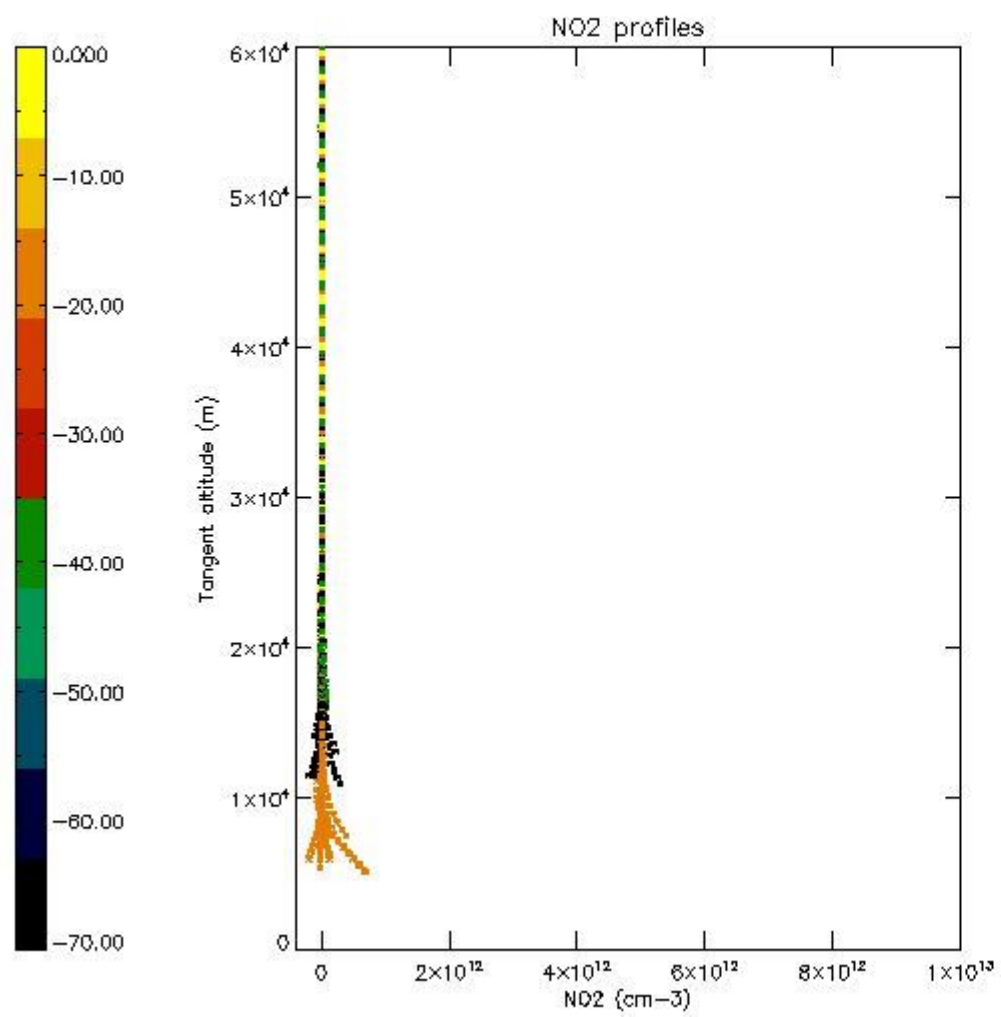
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



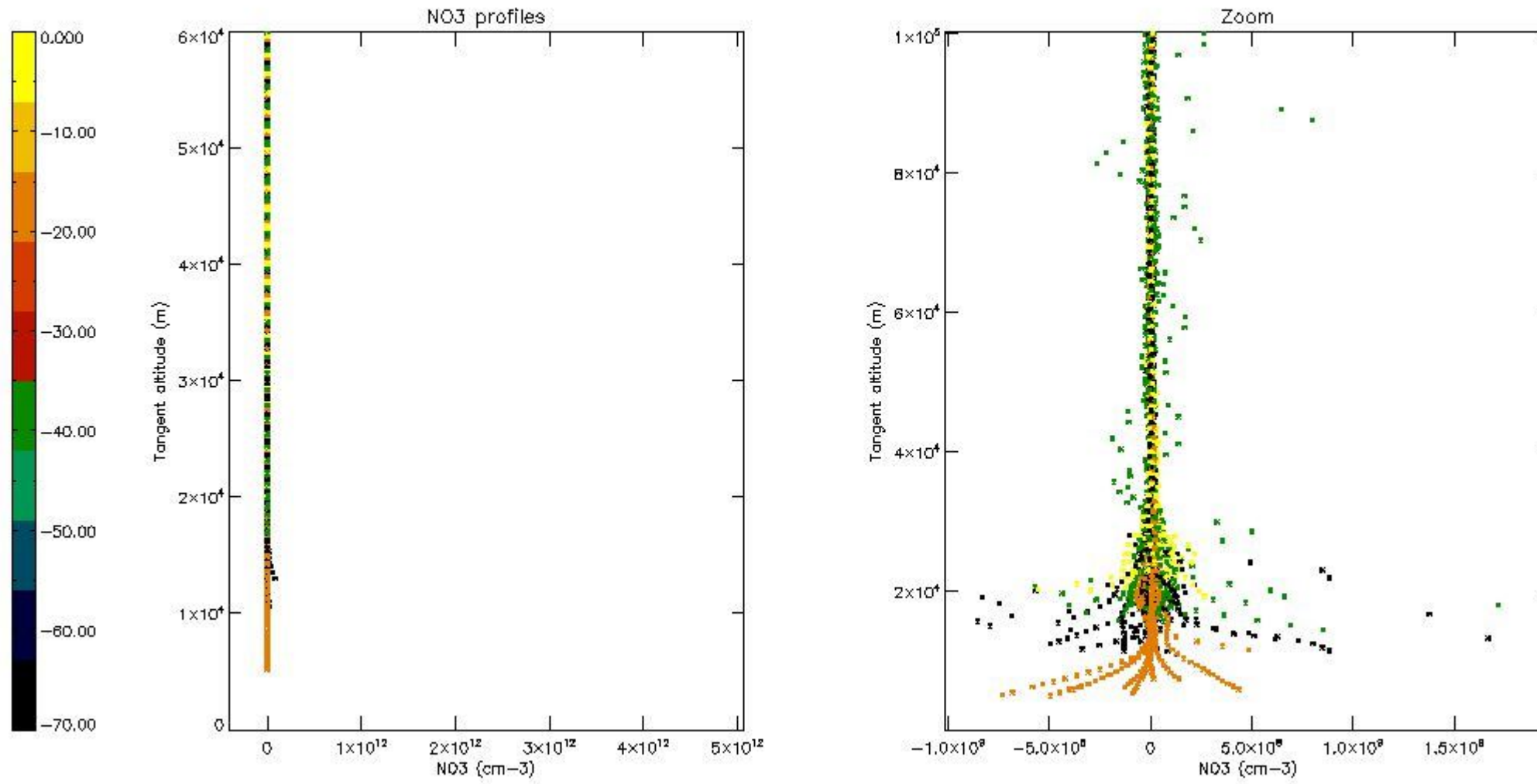
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

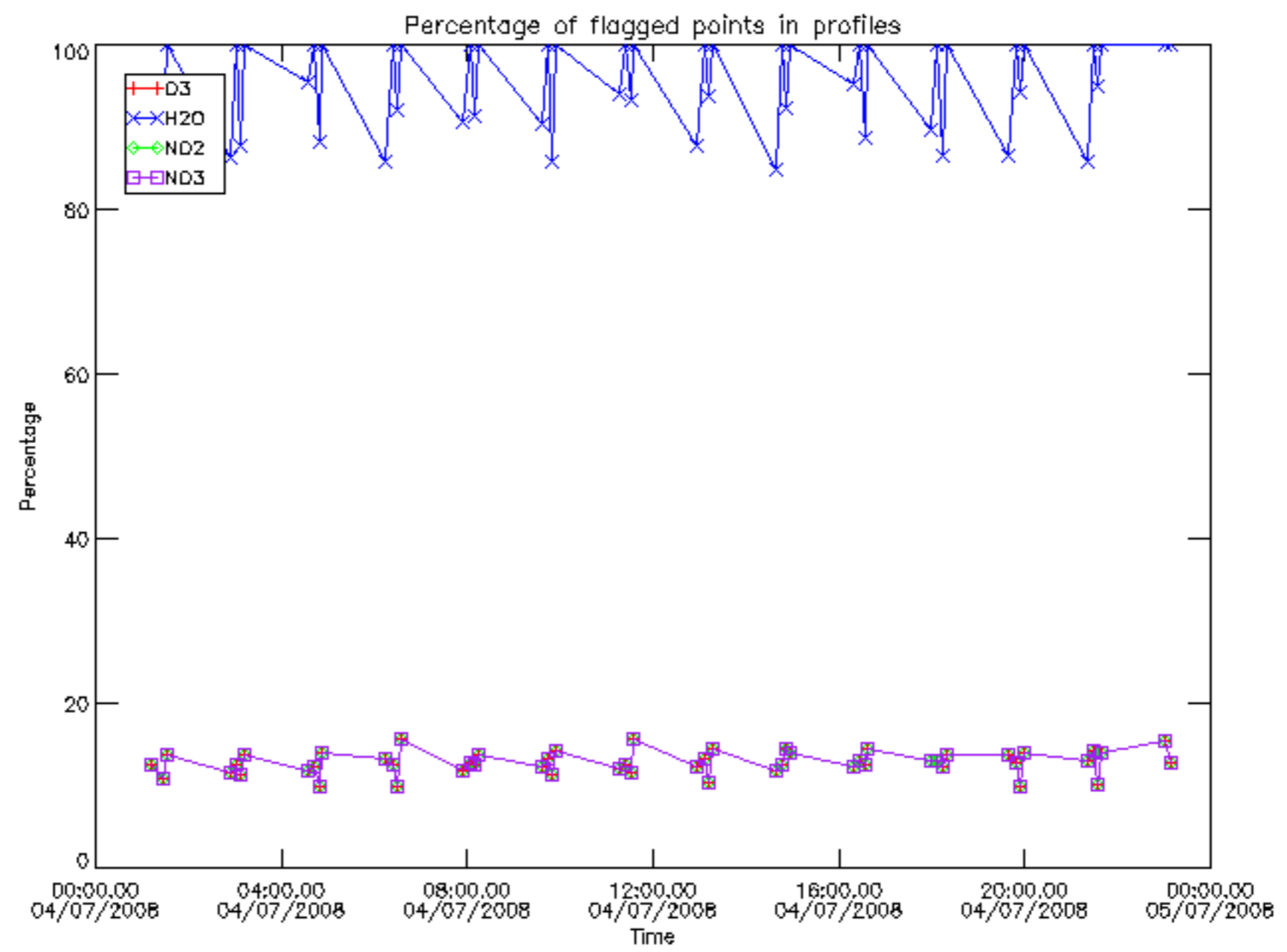
The colorbar represents the latitude.



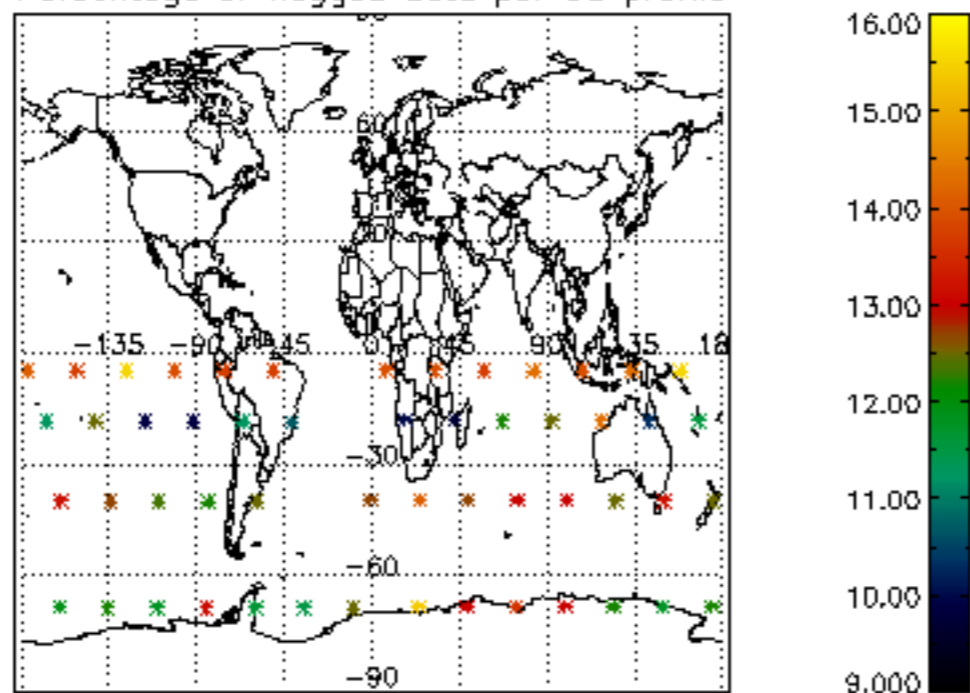
6. Auxiliary Data Files used for the production reported in section 2

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

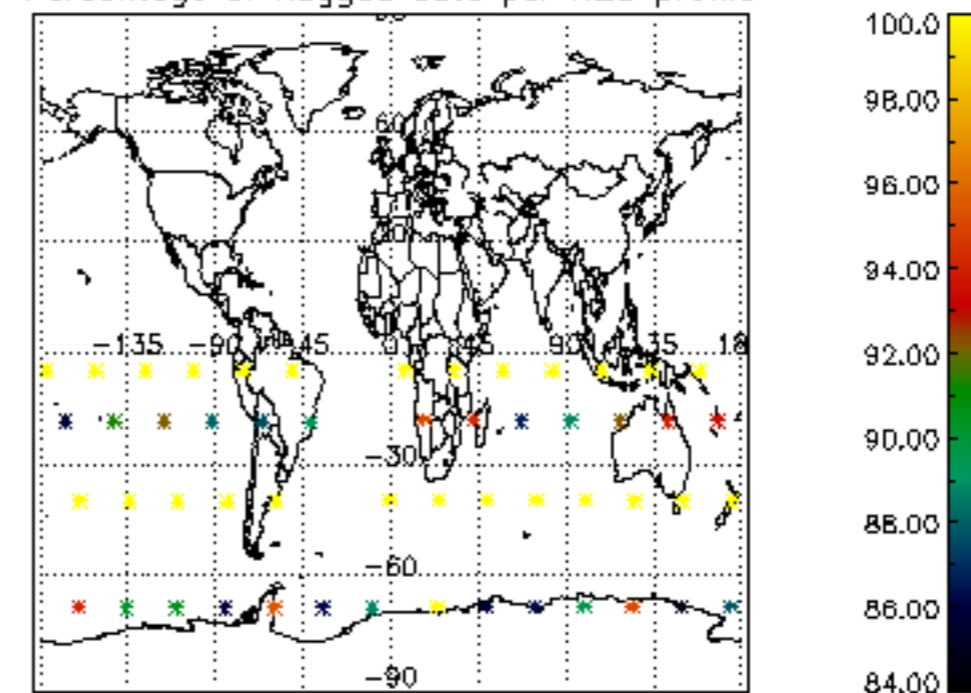
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	04-JUL-2008 00:03:44
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-JUL-2008 00:03:44
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-JUL-2008 00:03:44



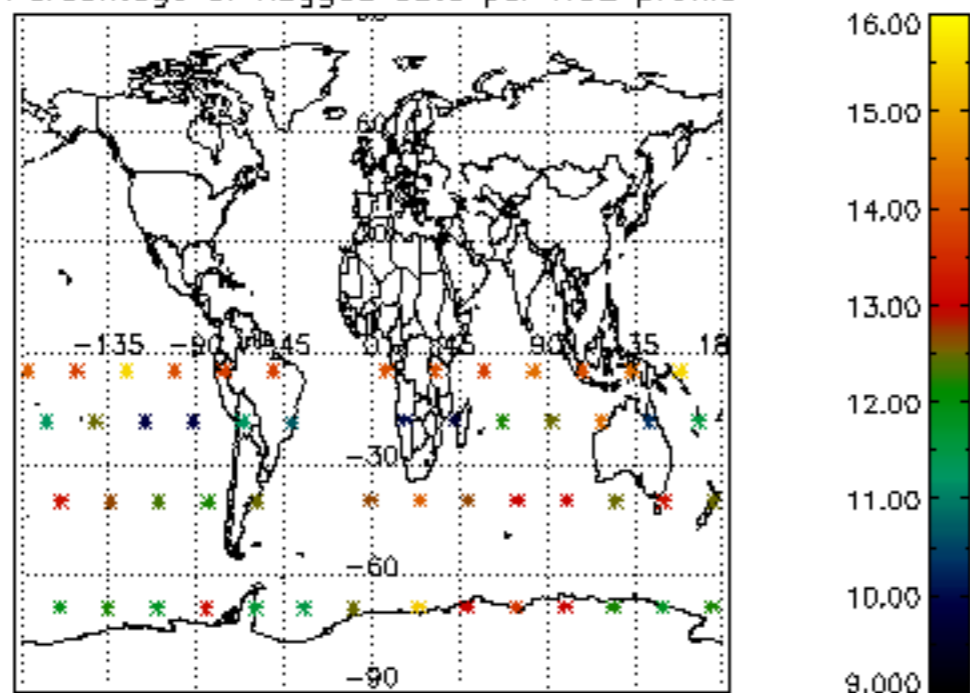
Percentage of flagged data per D3 profile



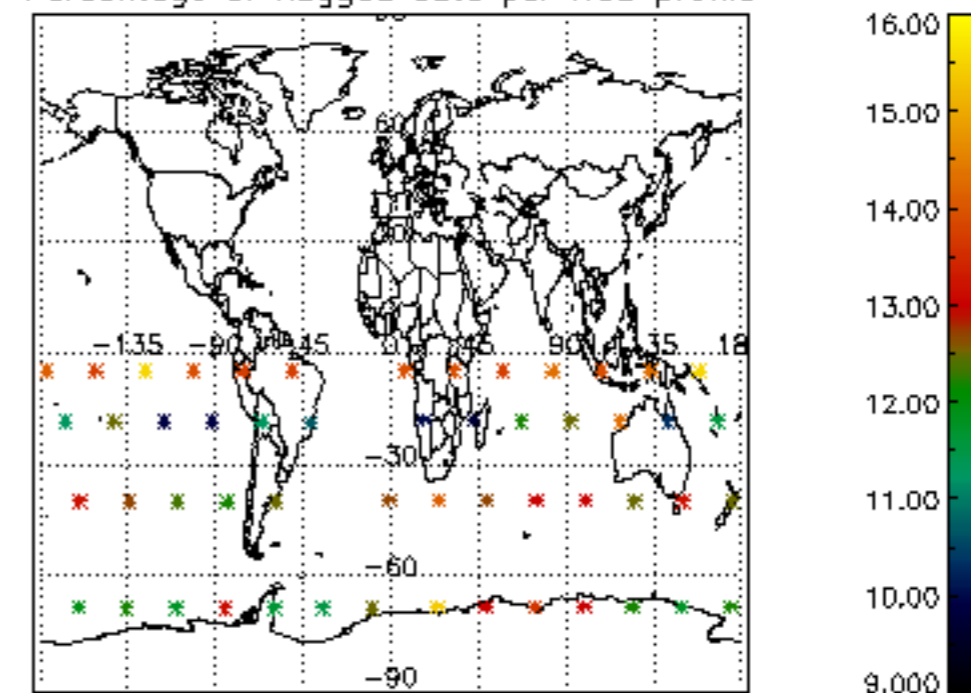
Percentage of flagged data per H2O profile

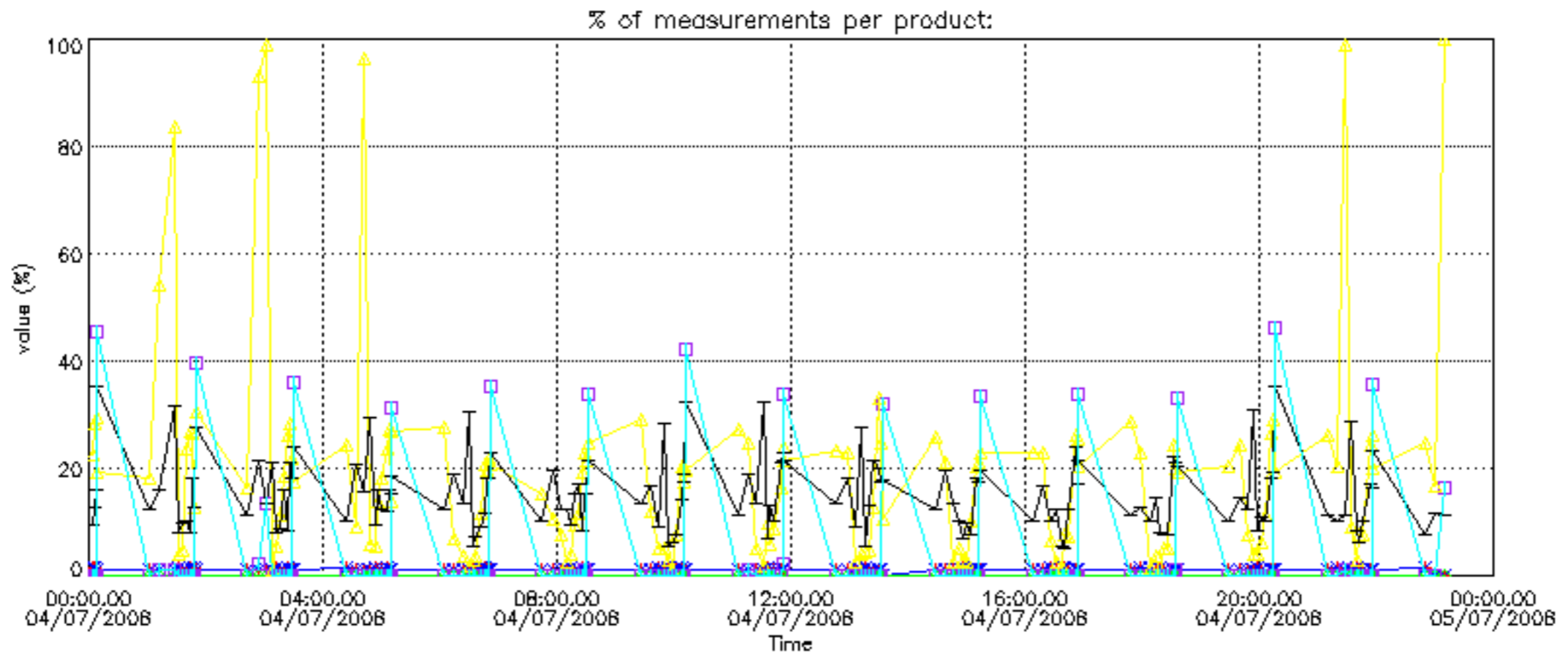


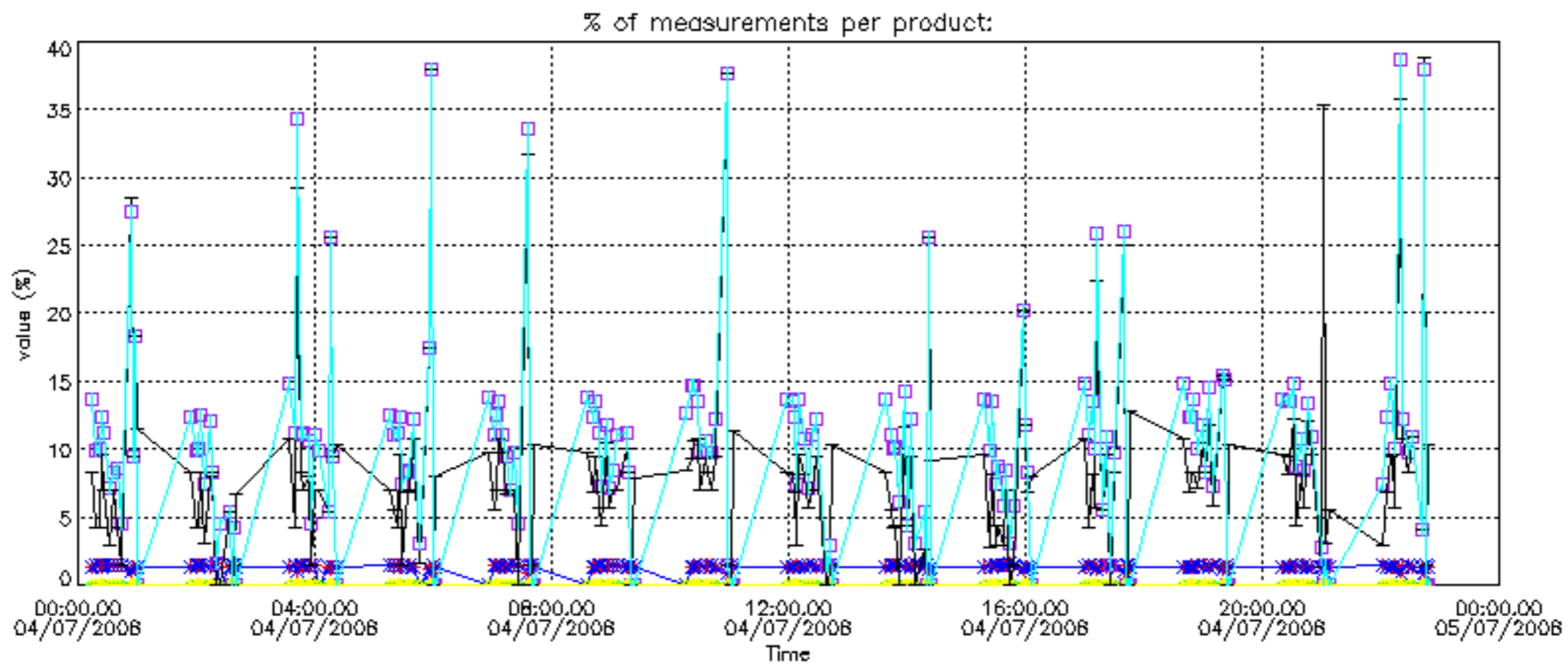
Percentage of flagged data per NO2 profile



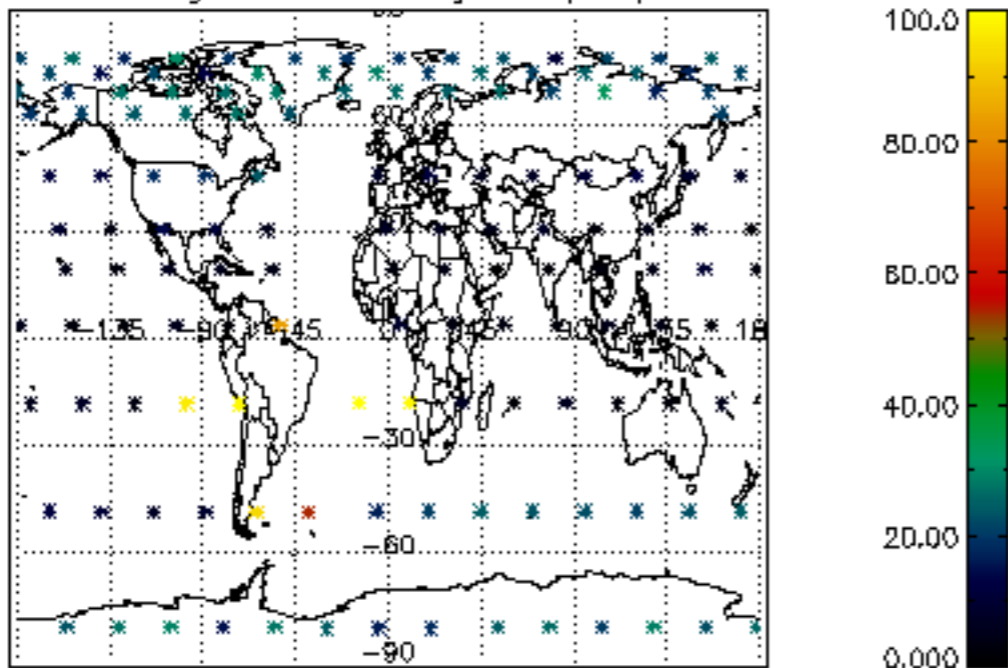
Percentage of flagged data per NO3 profile



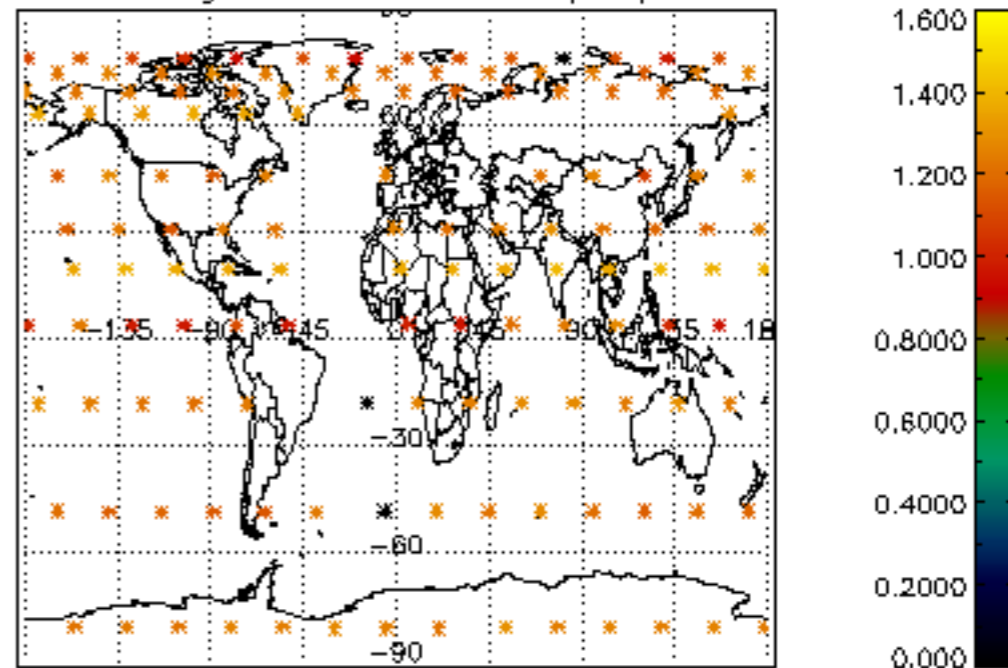




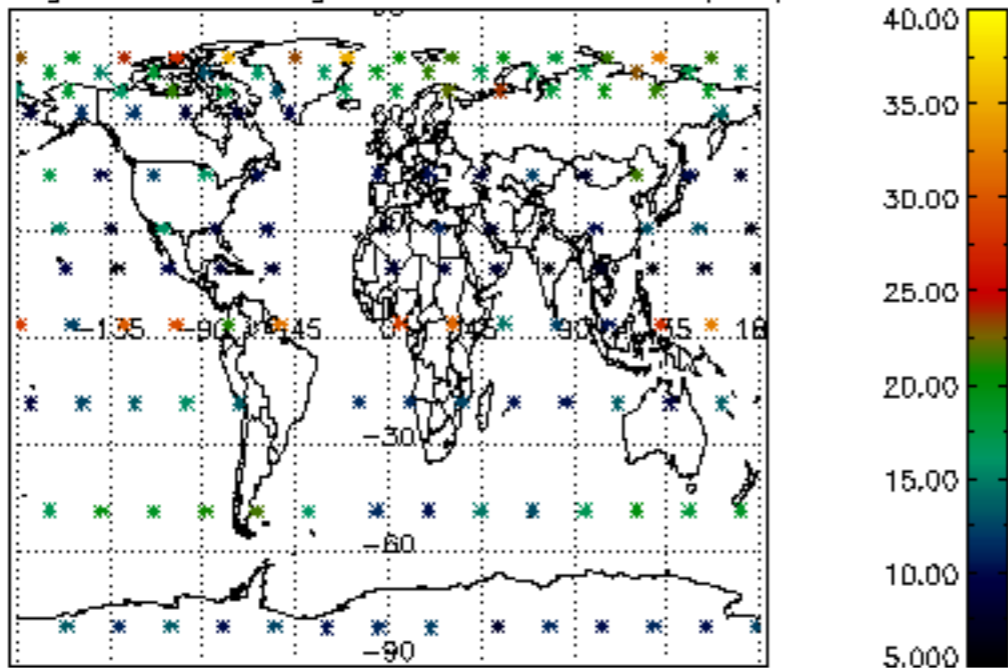
Percentage of cosmic ray hits per profile



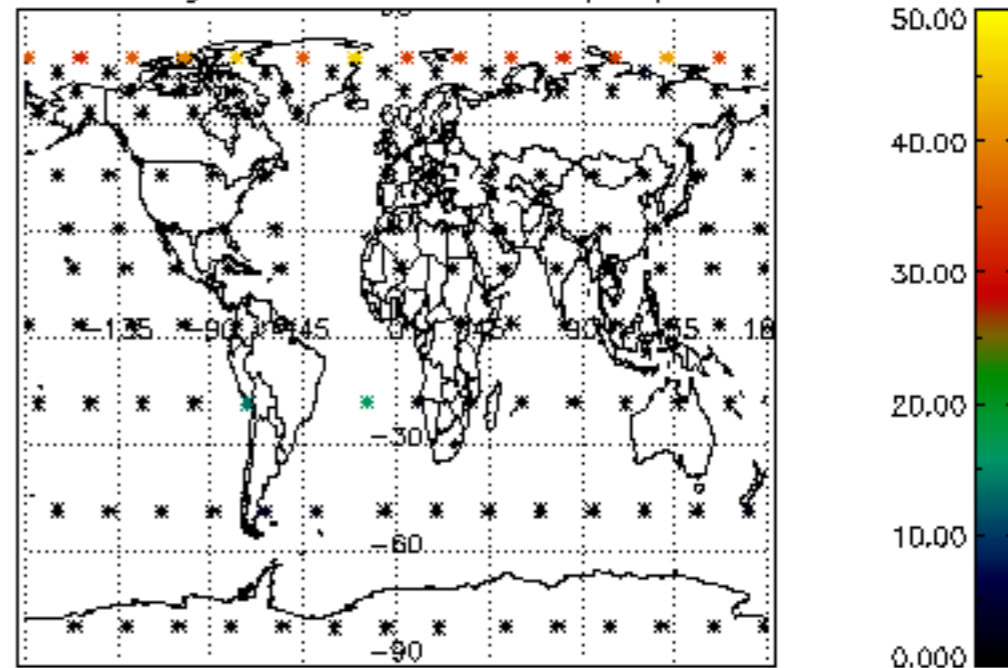
Percentage of datation errors per profile



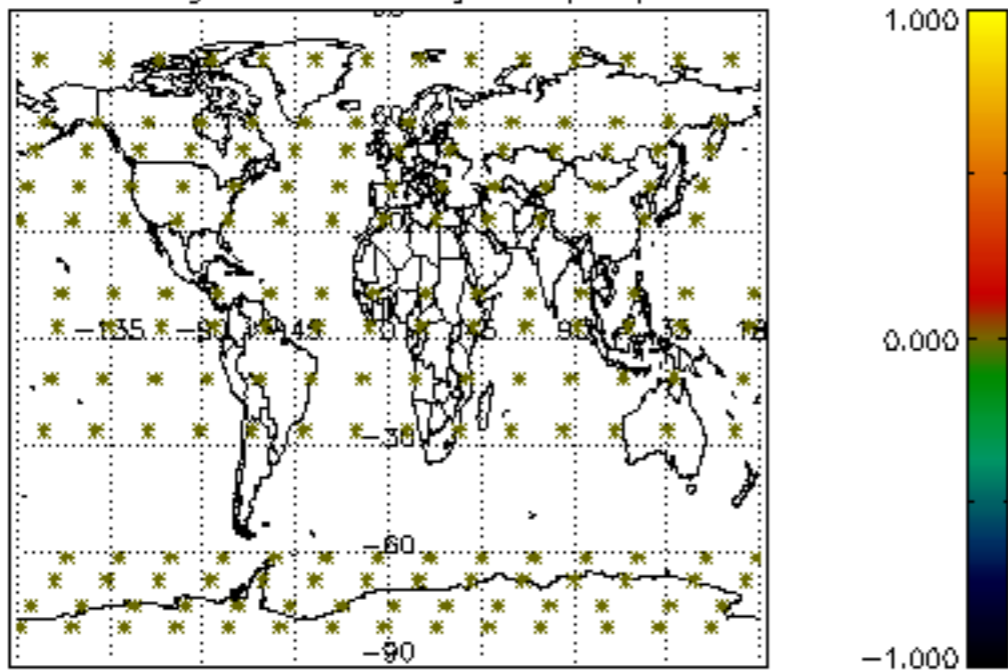
Percentage of star falling outside central band per profile



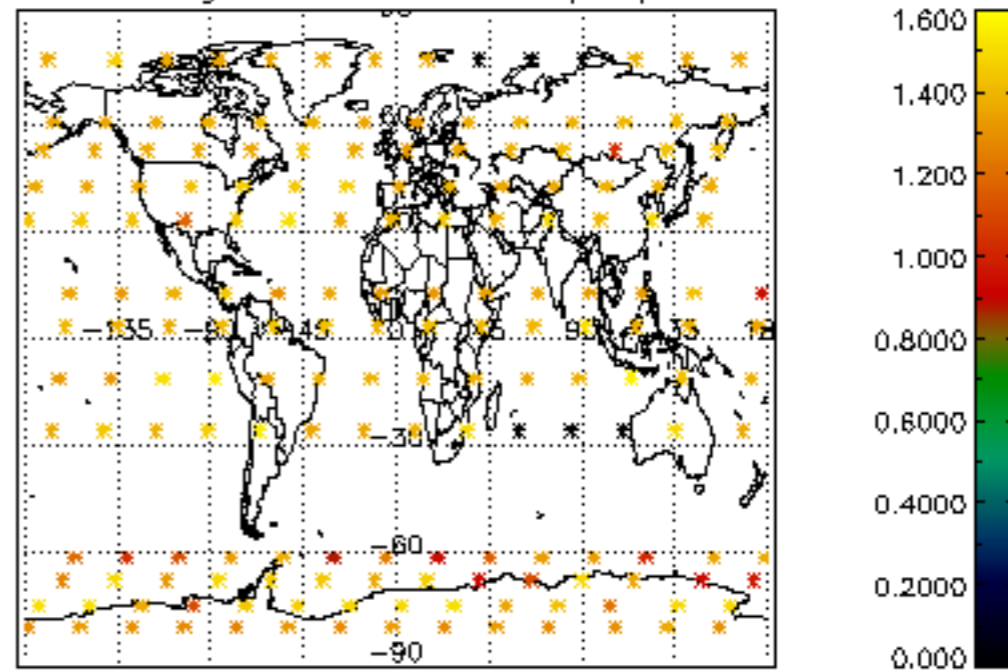
Percentage of saturation errors per profile



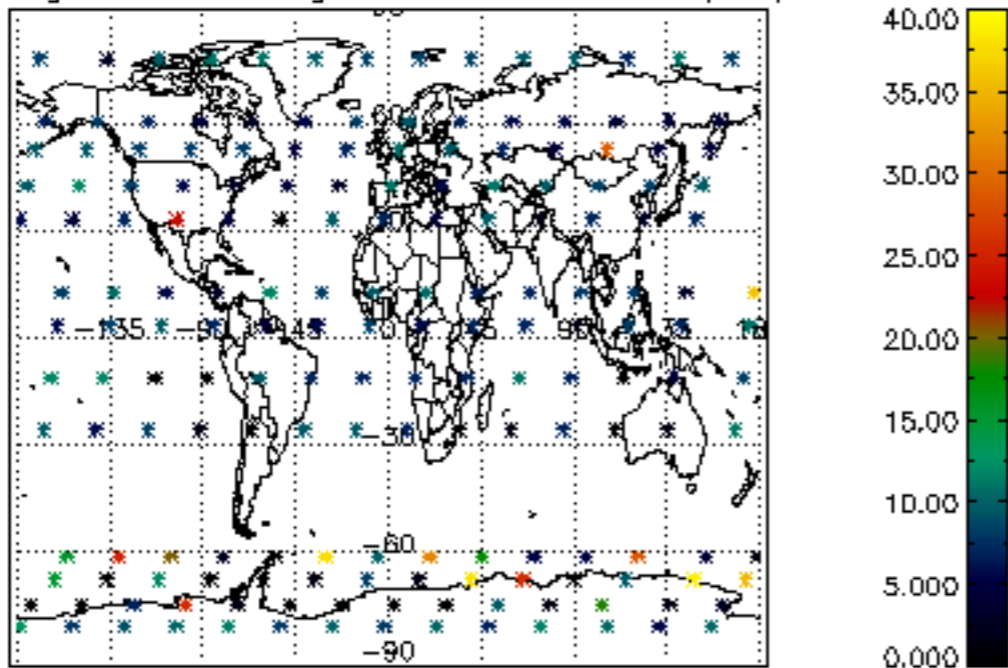
Percentage of cosmic ray hits per profile



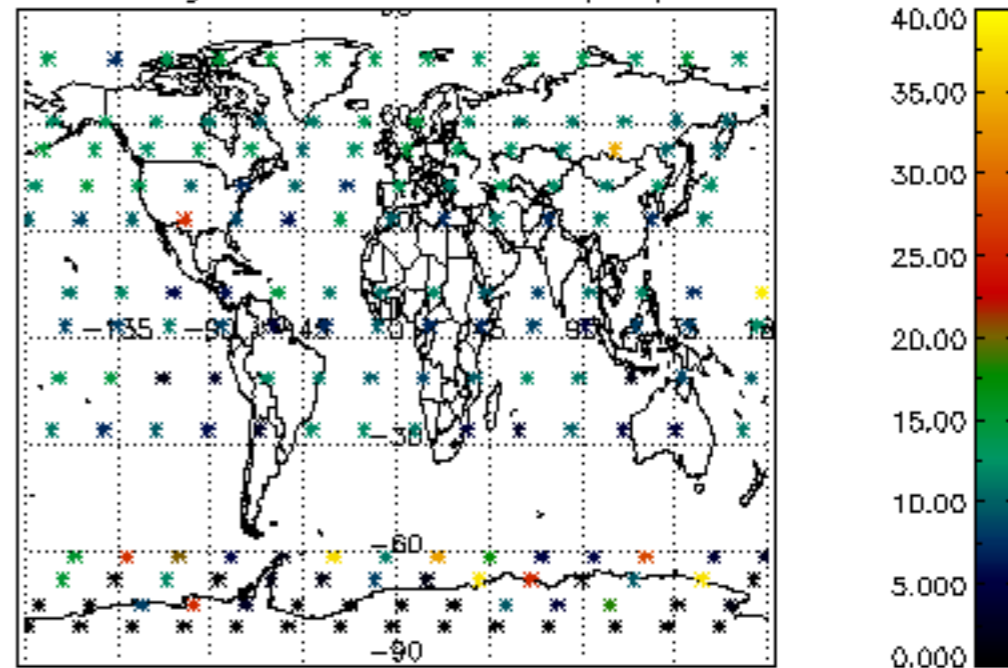
Percentage of datation errors per profile

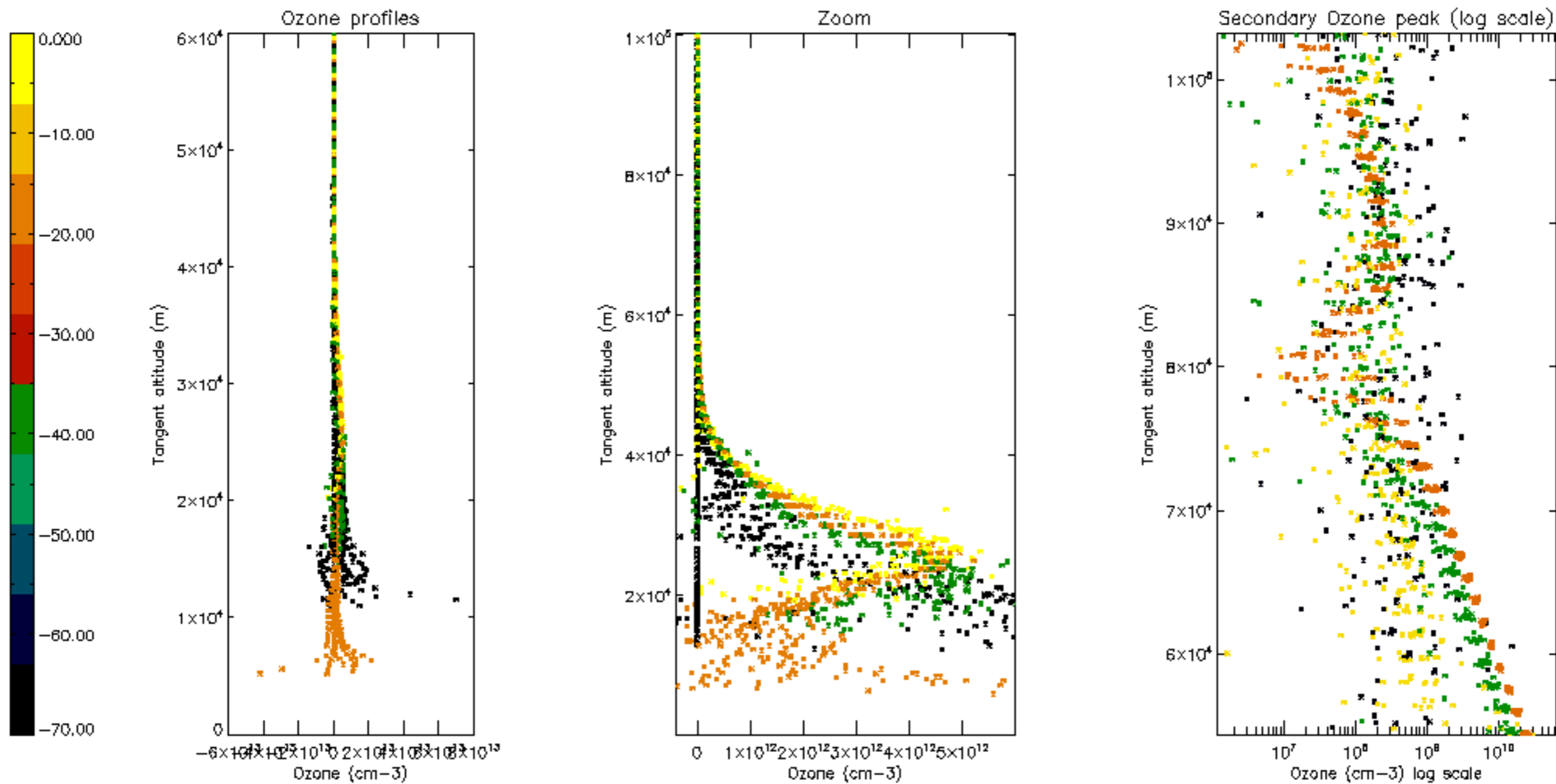


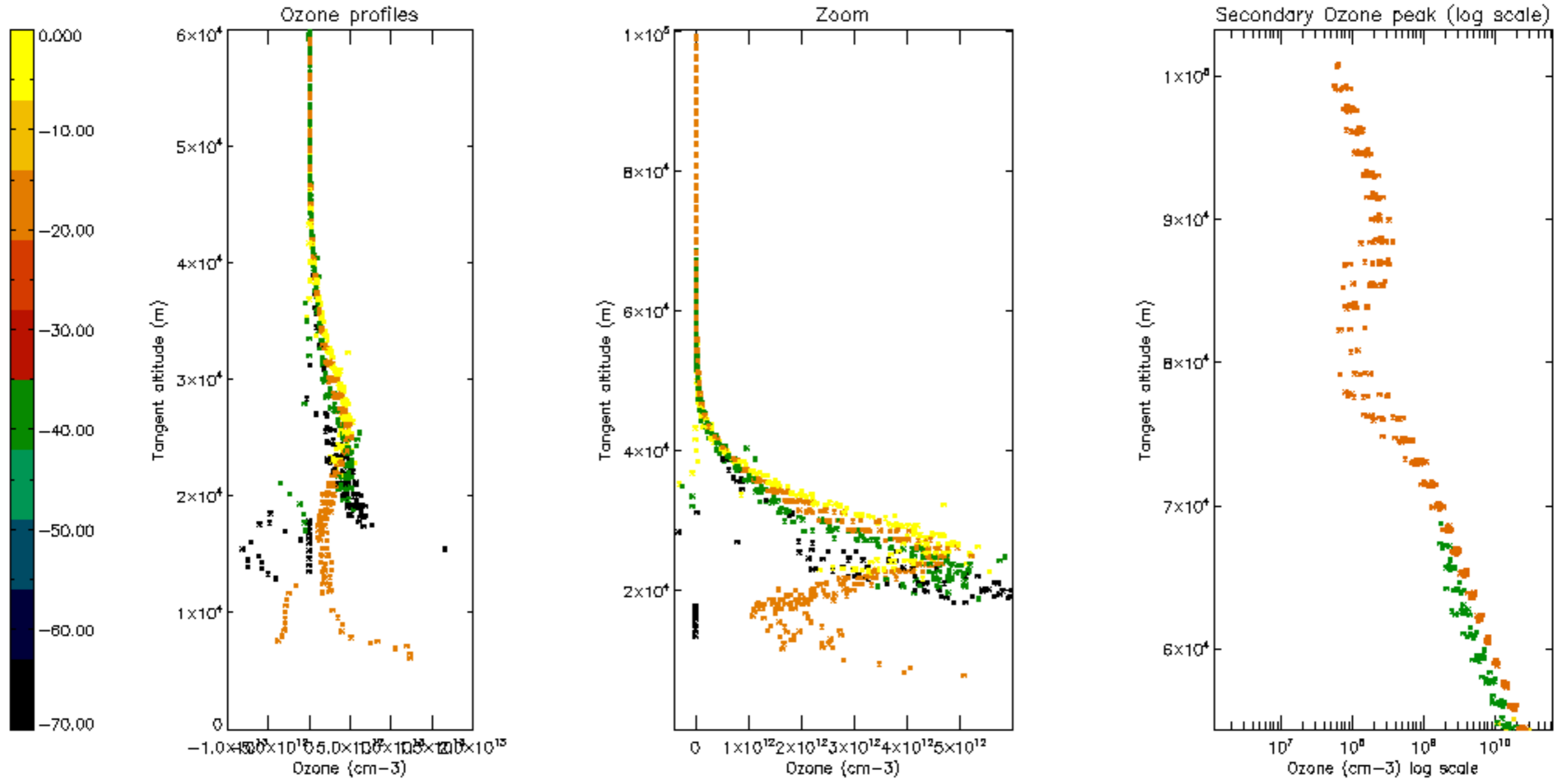
Percentage of star falling outside central band per profile

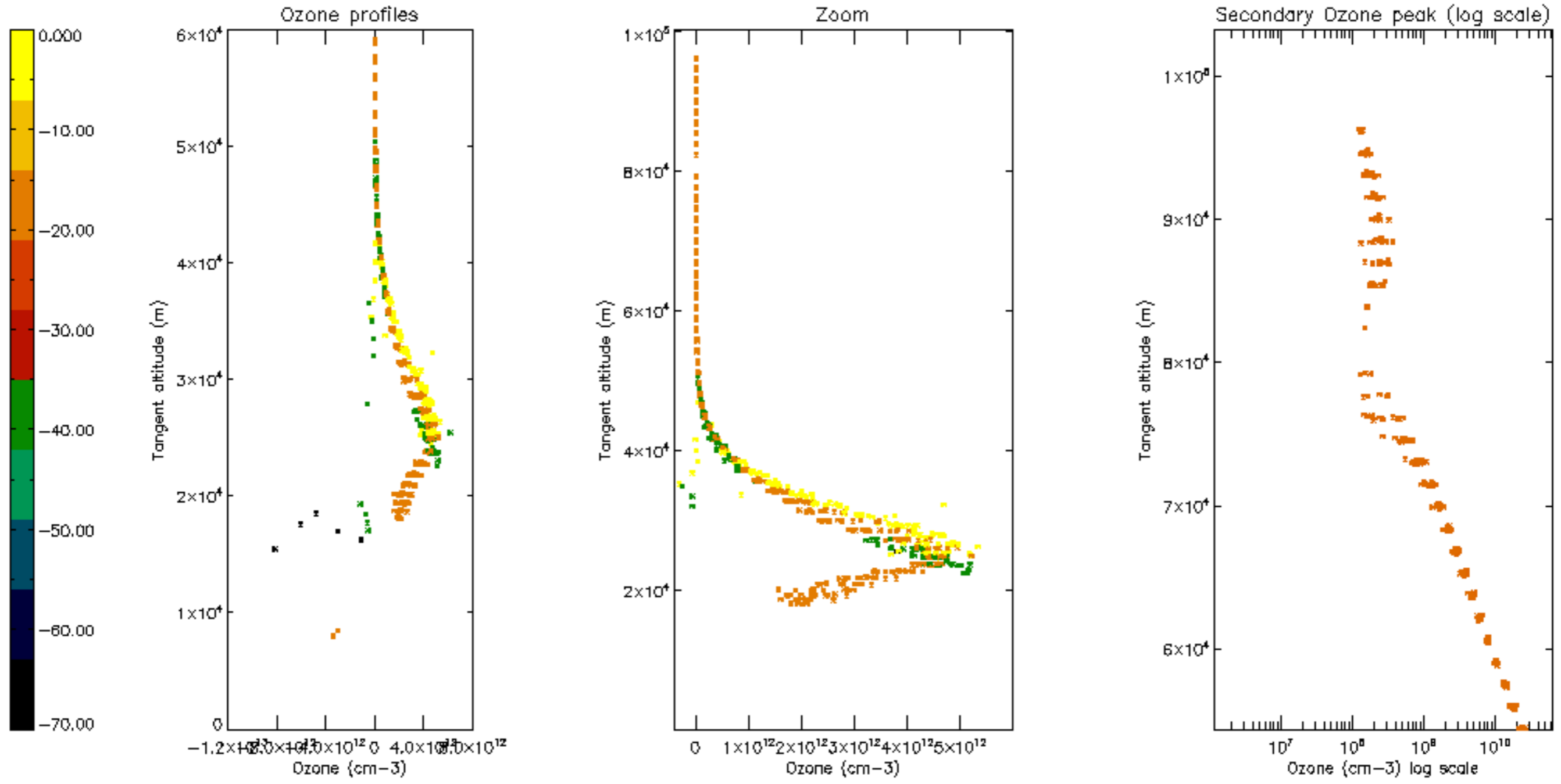


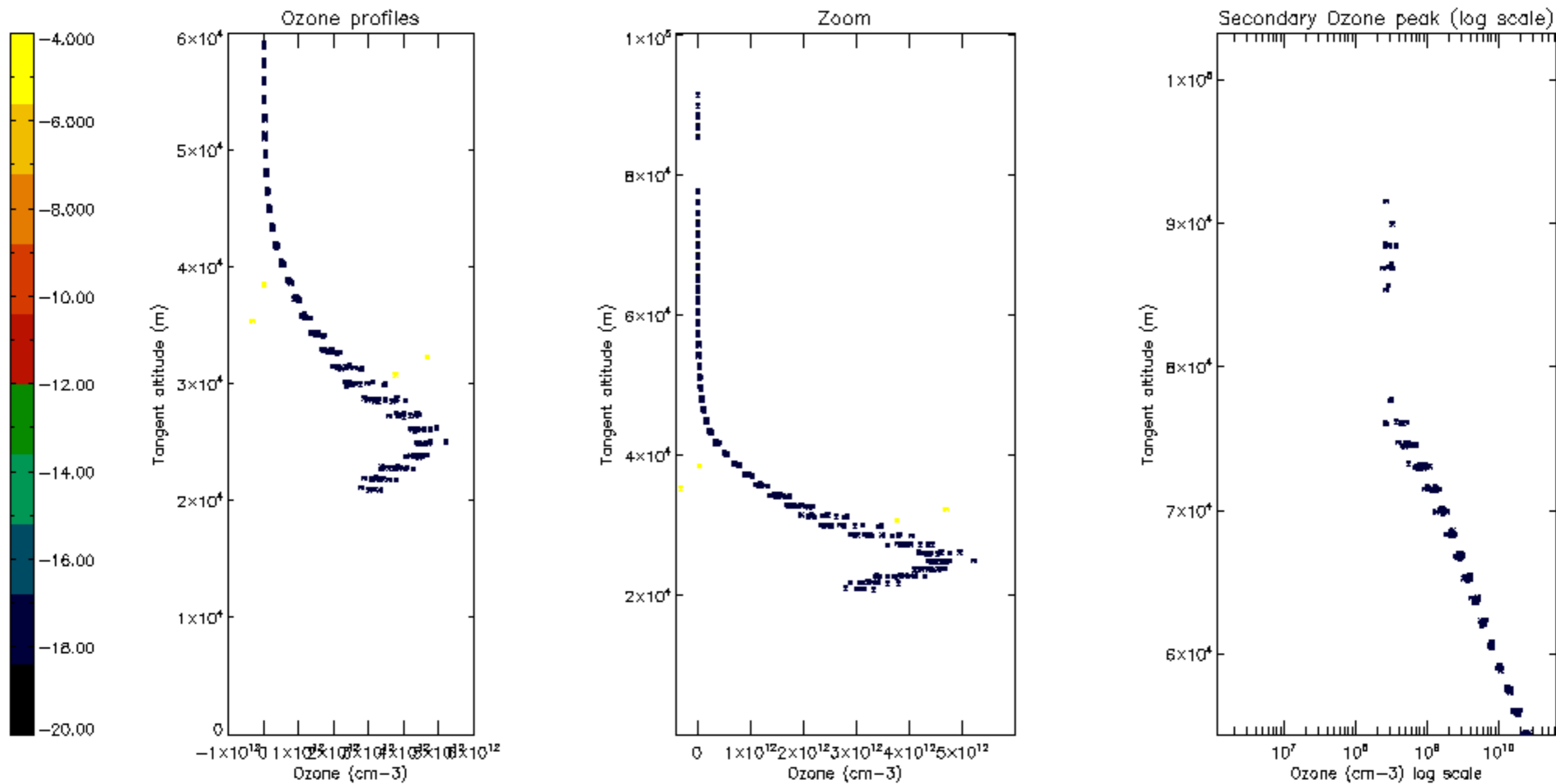
Percentage of saturation errors per profile

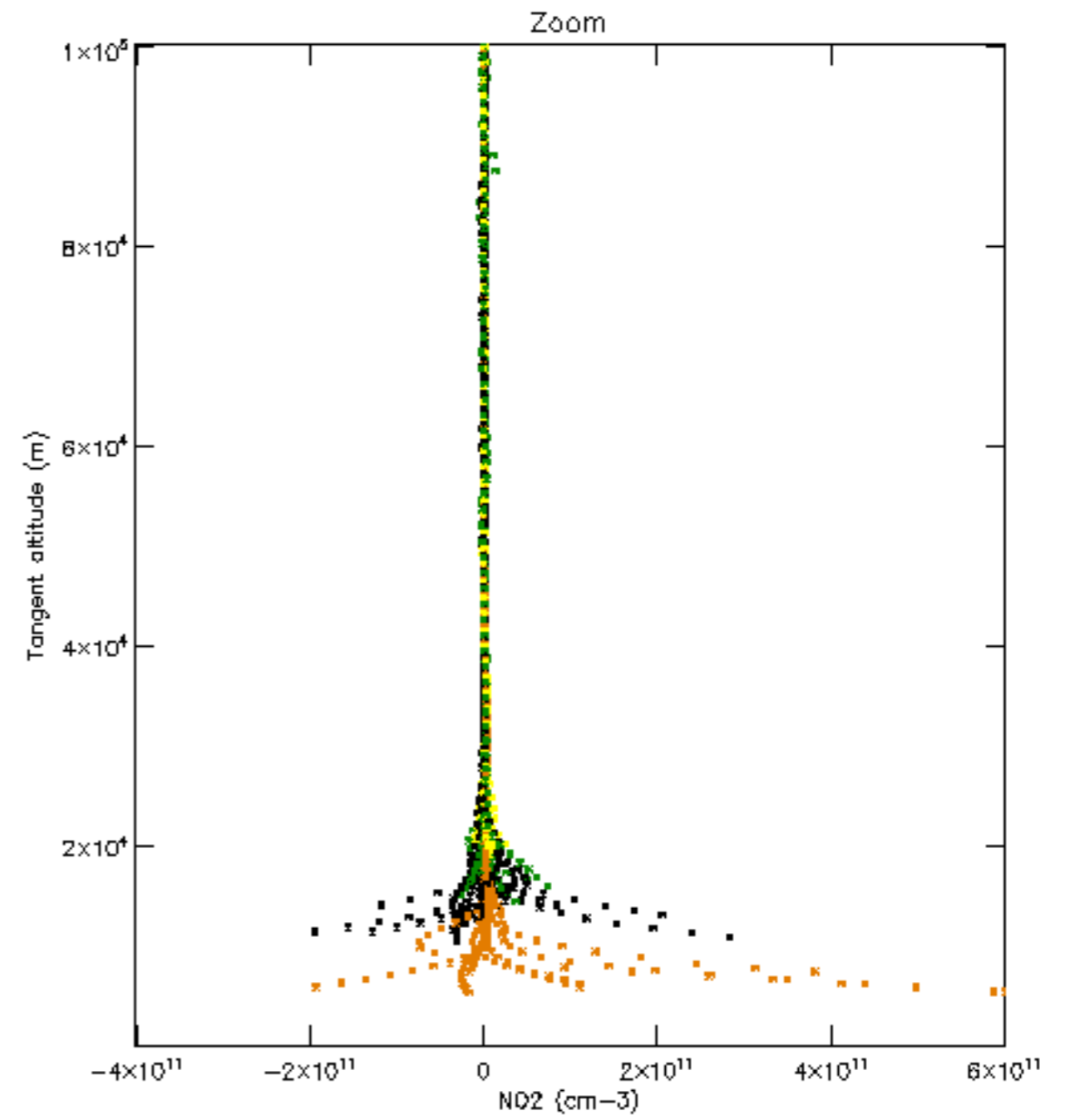
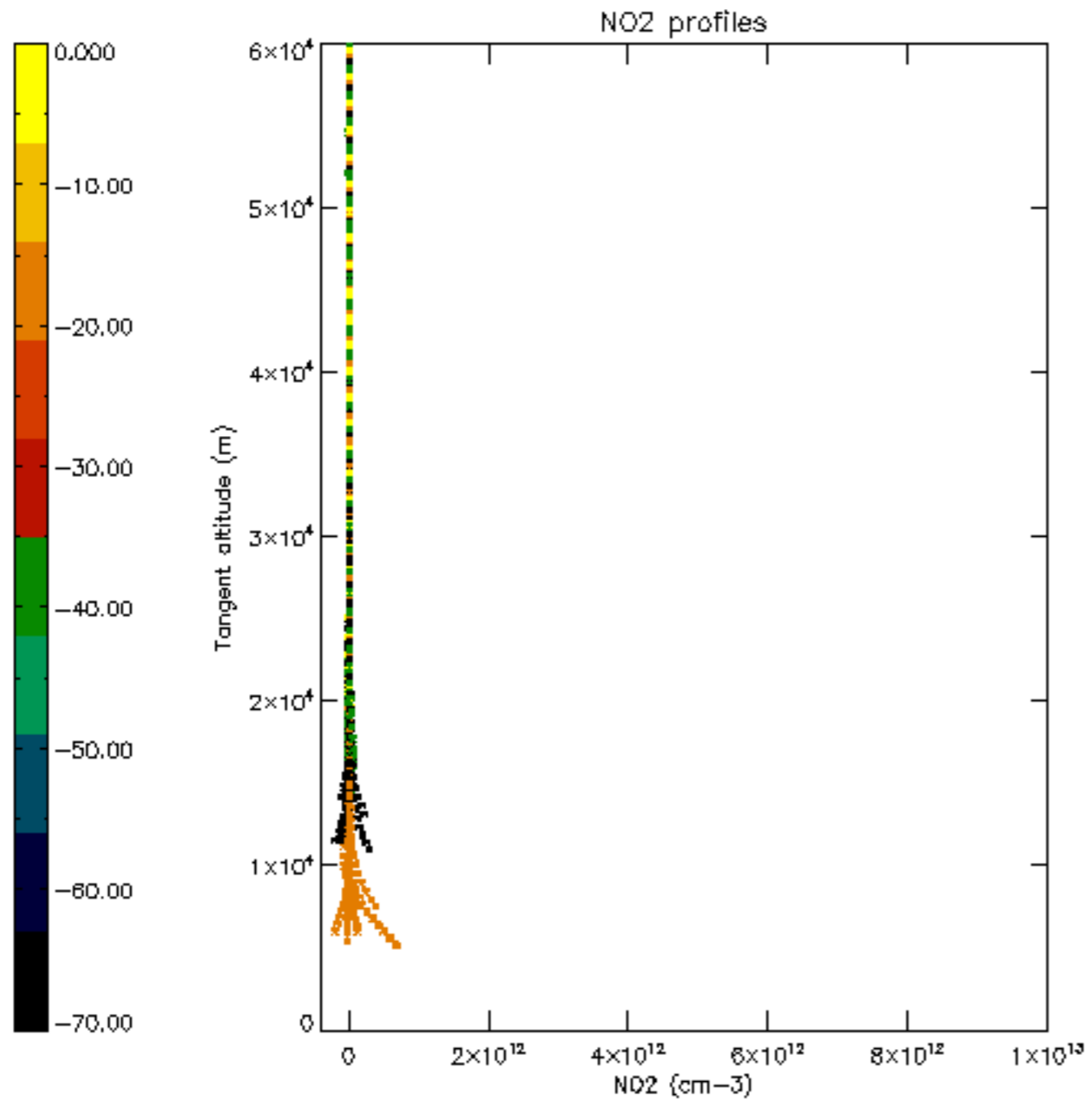


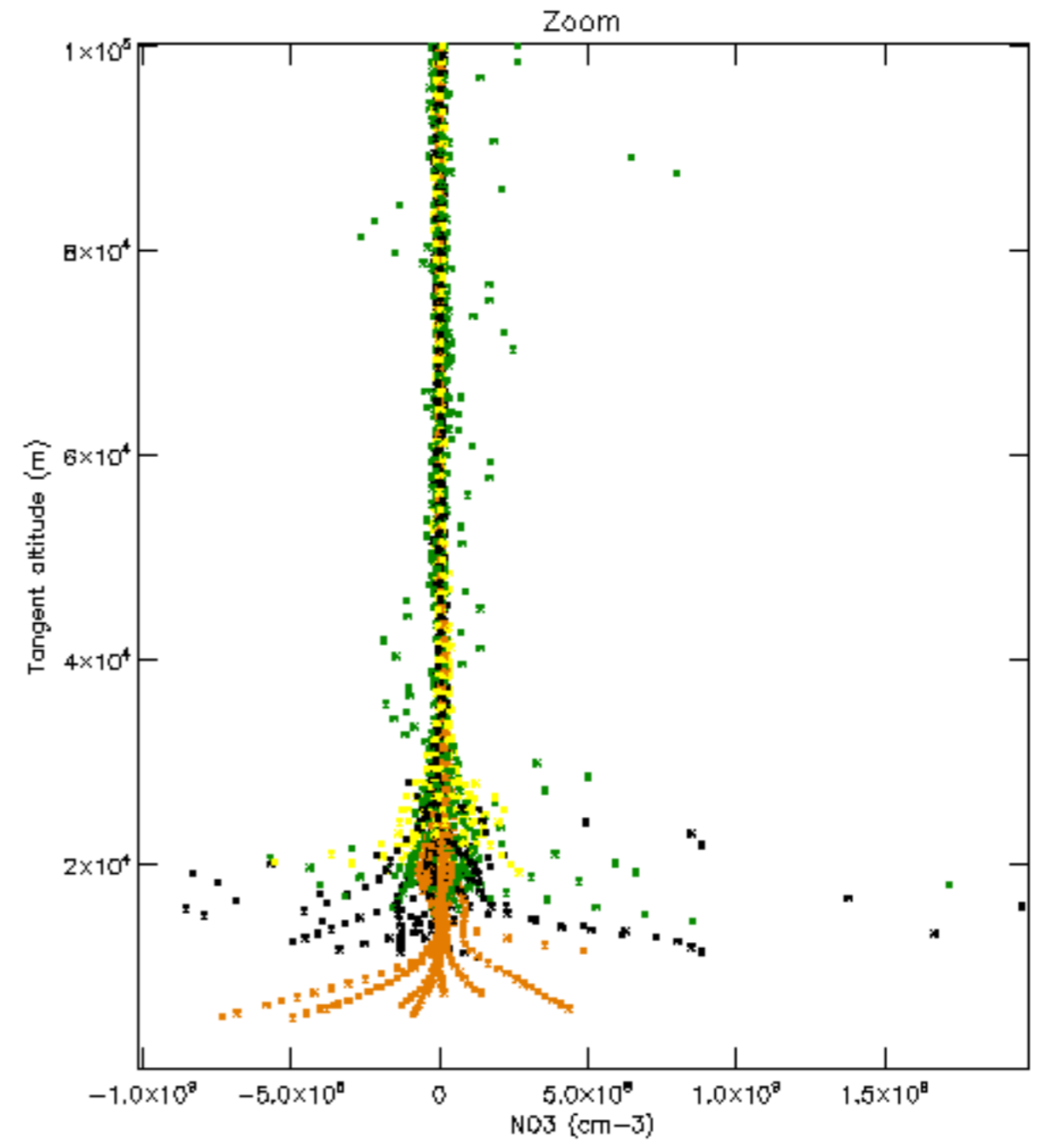
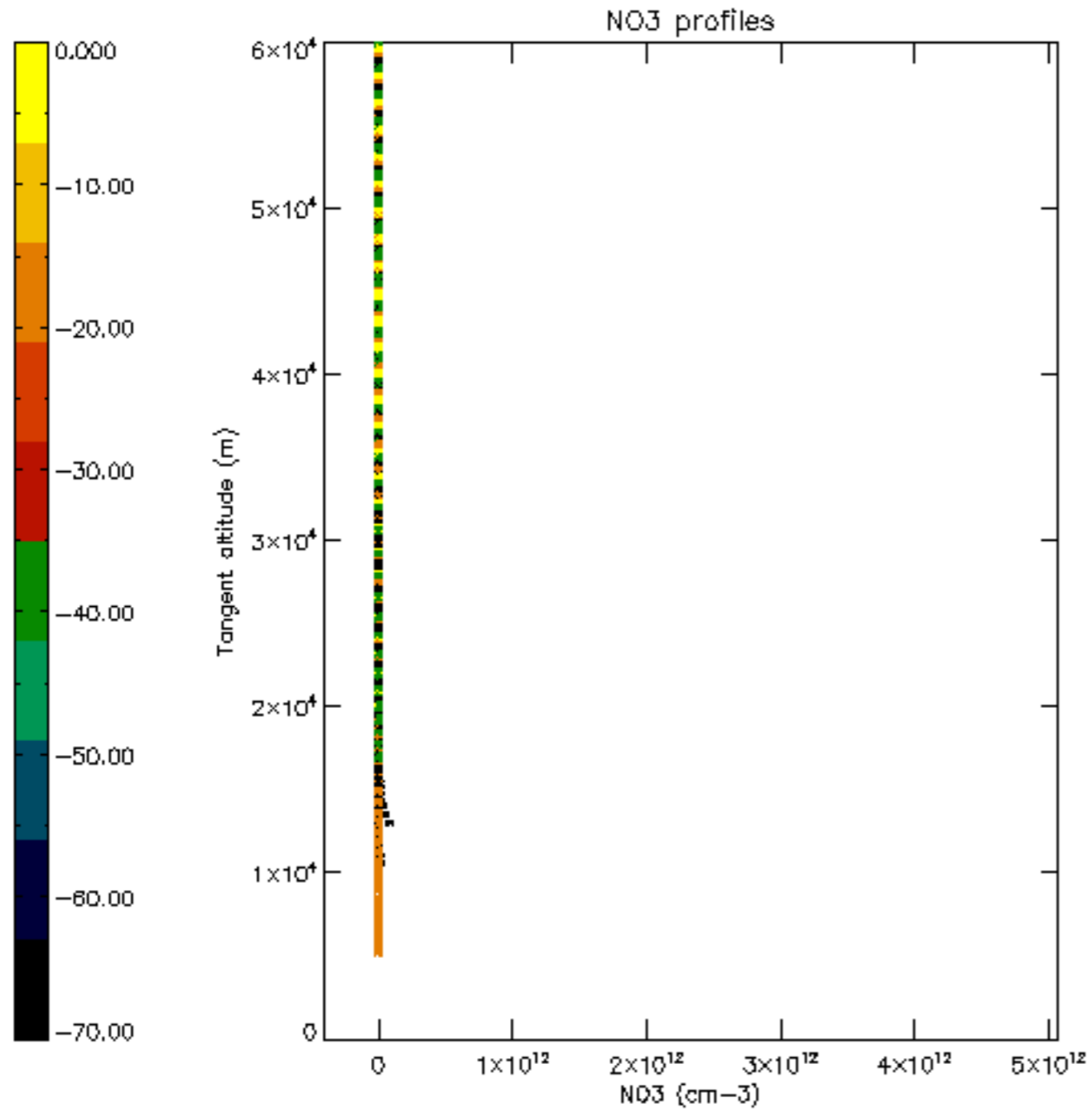


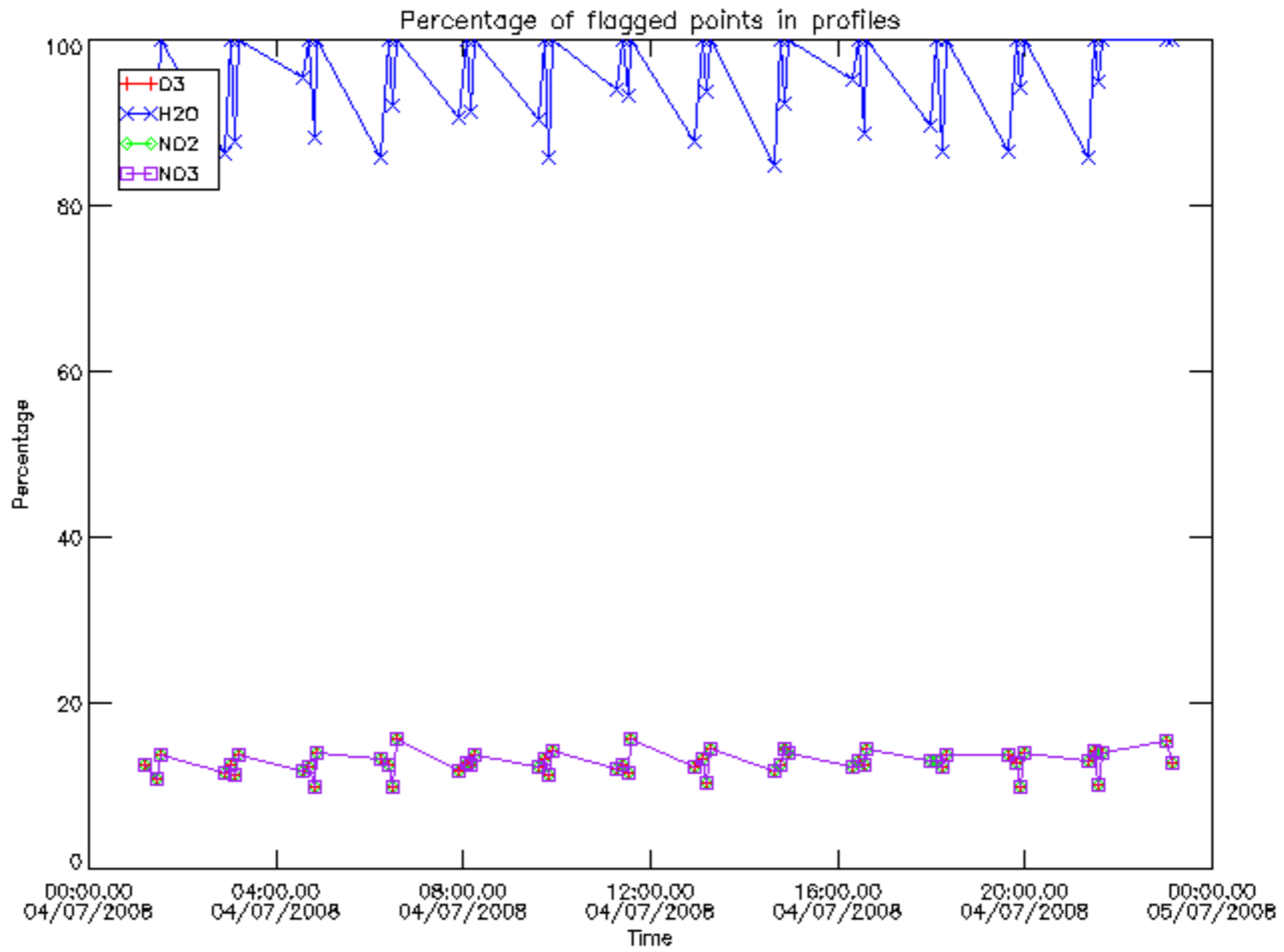




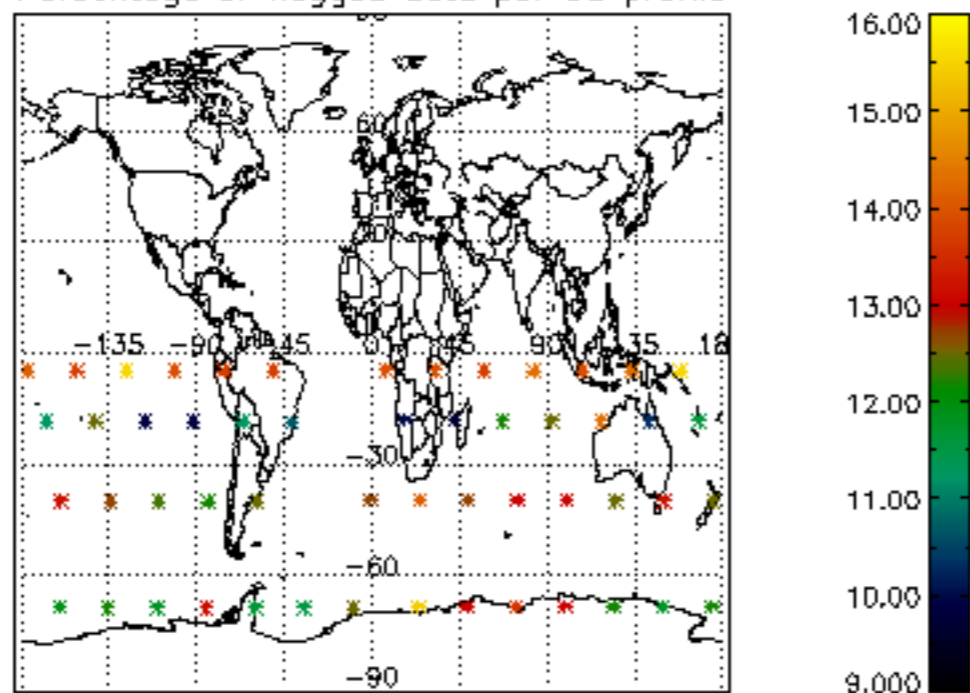




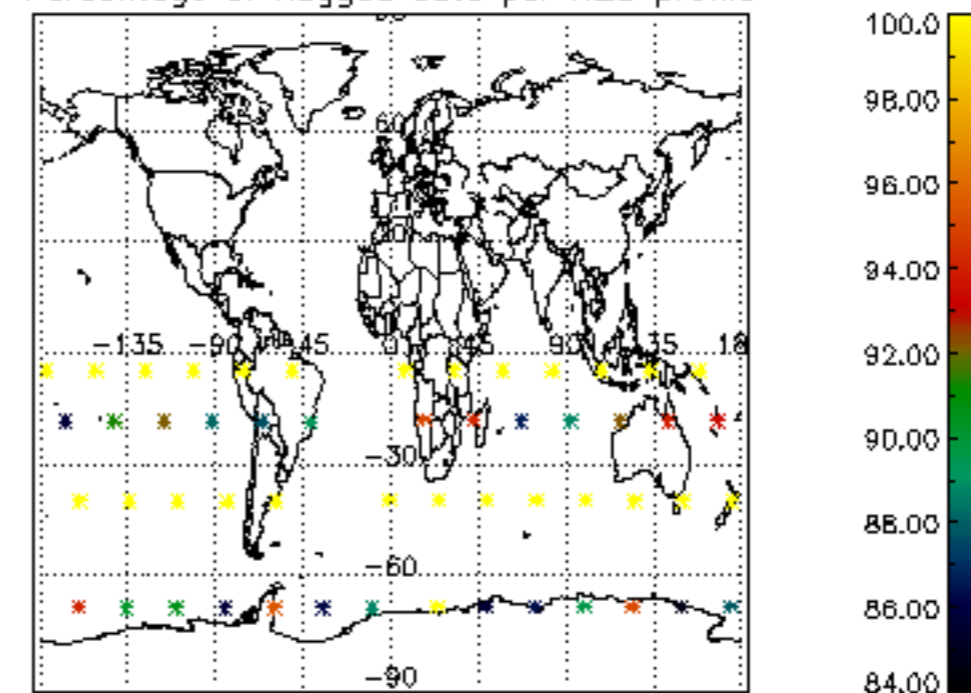




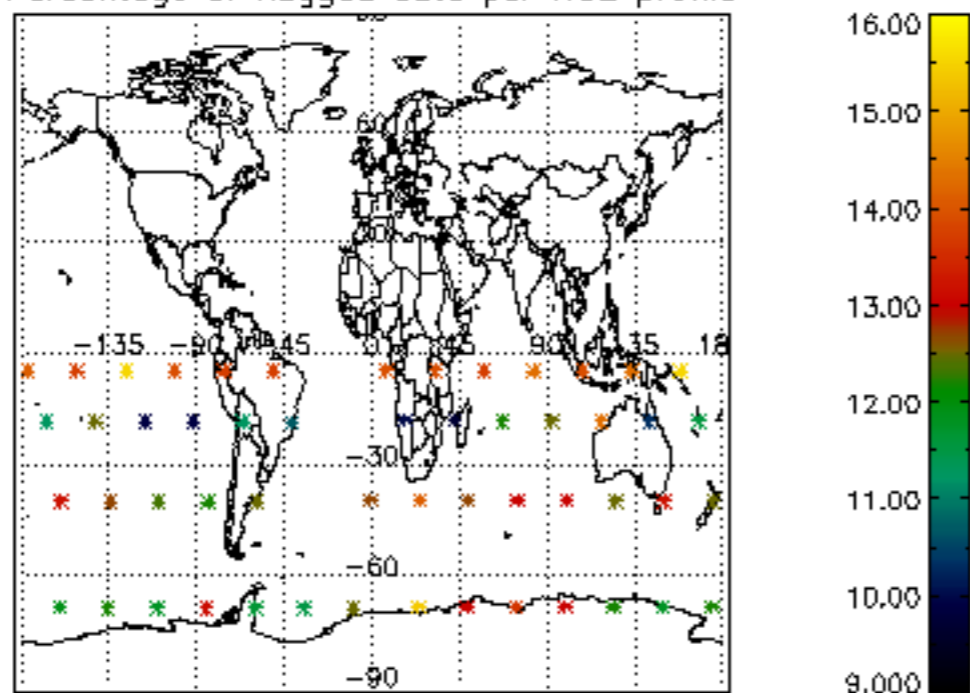
Percentage of flagged data per D3 profile



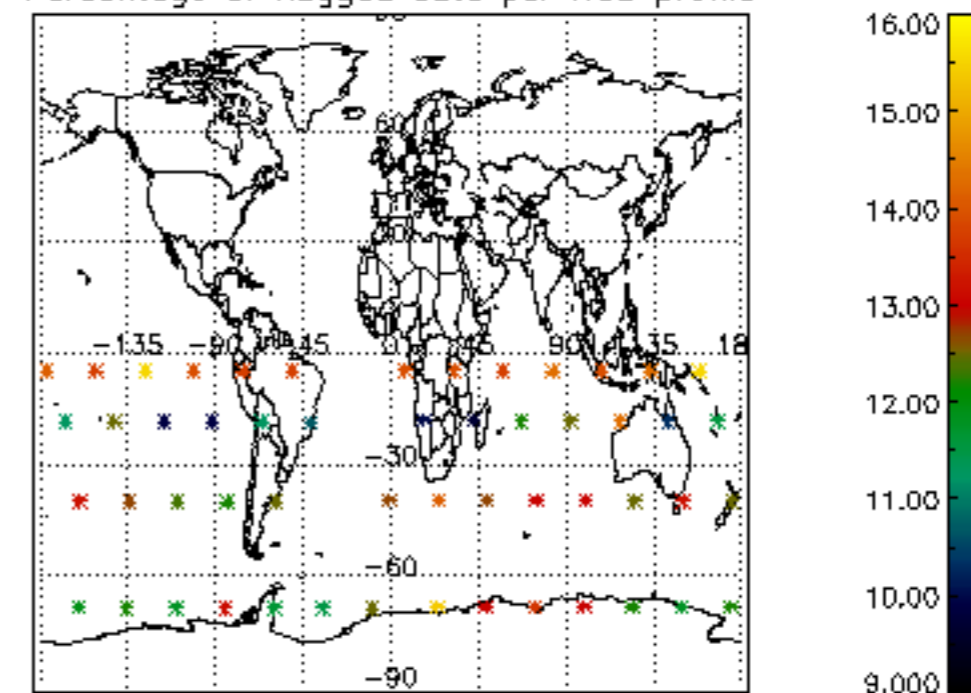
Percentage of flagged data per H2O profile

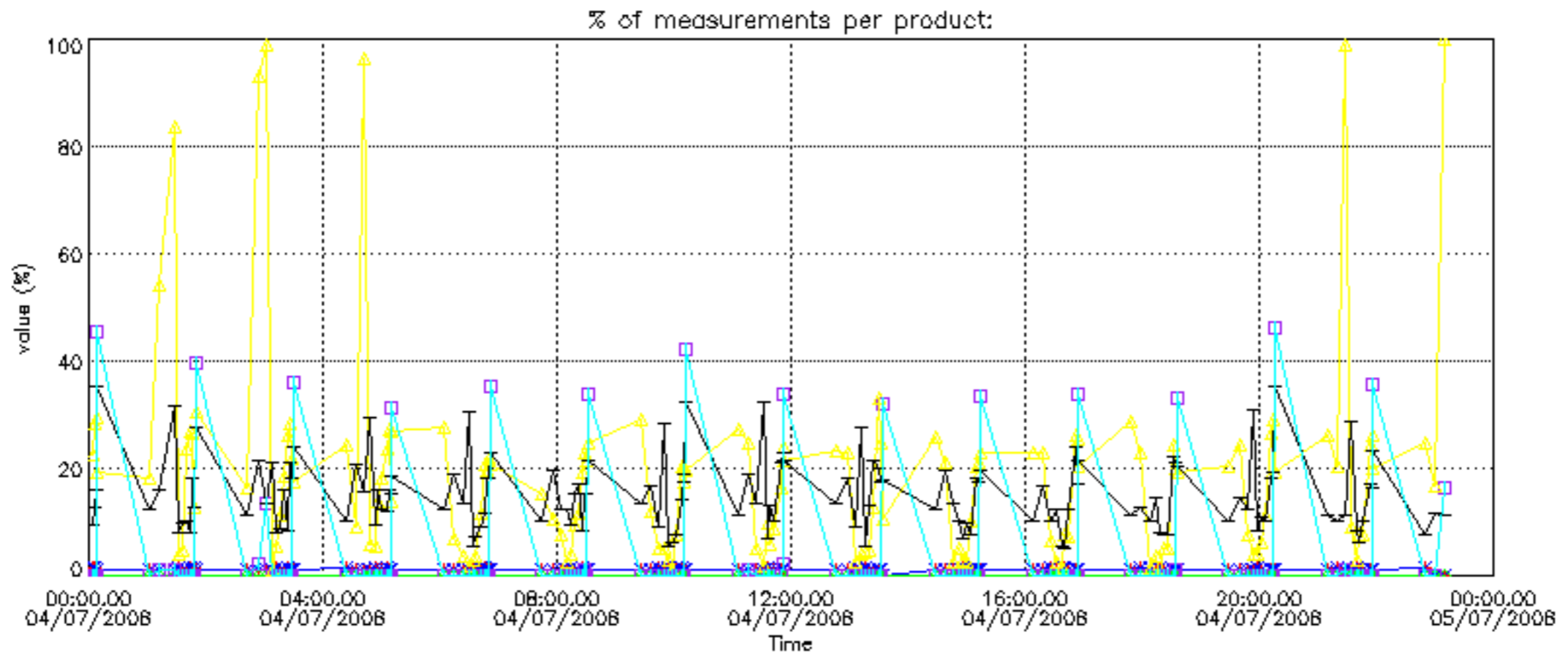


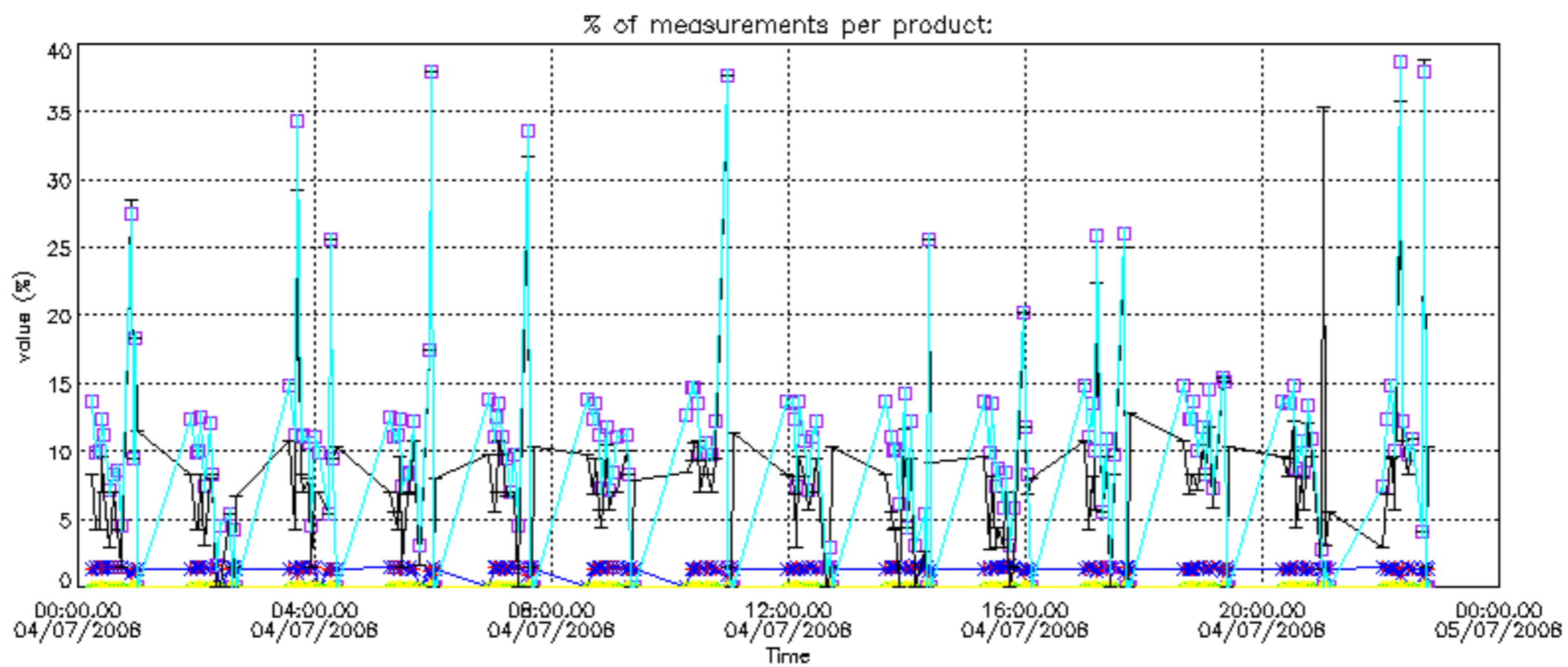
Percentage of flagged data per NO2 profile



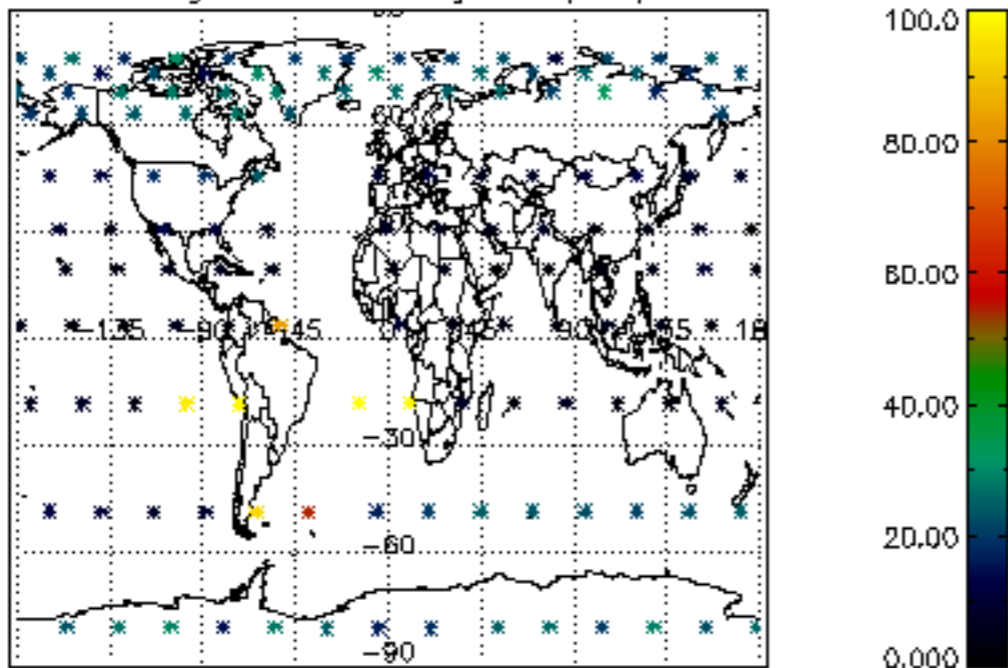
Percentage of flagged data per NO3 profile



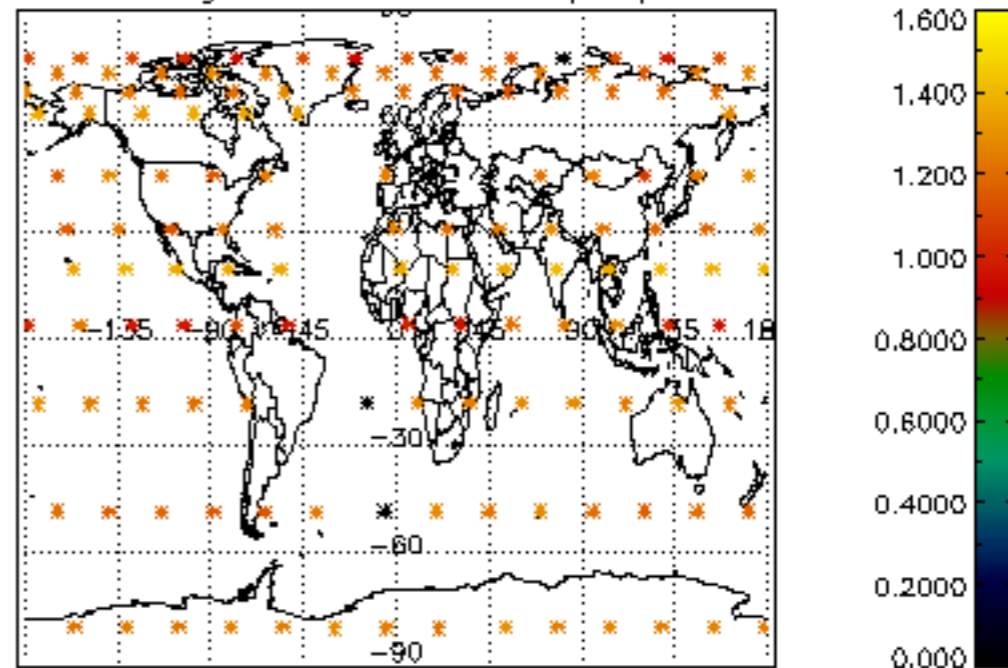




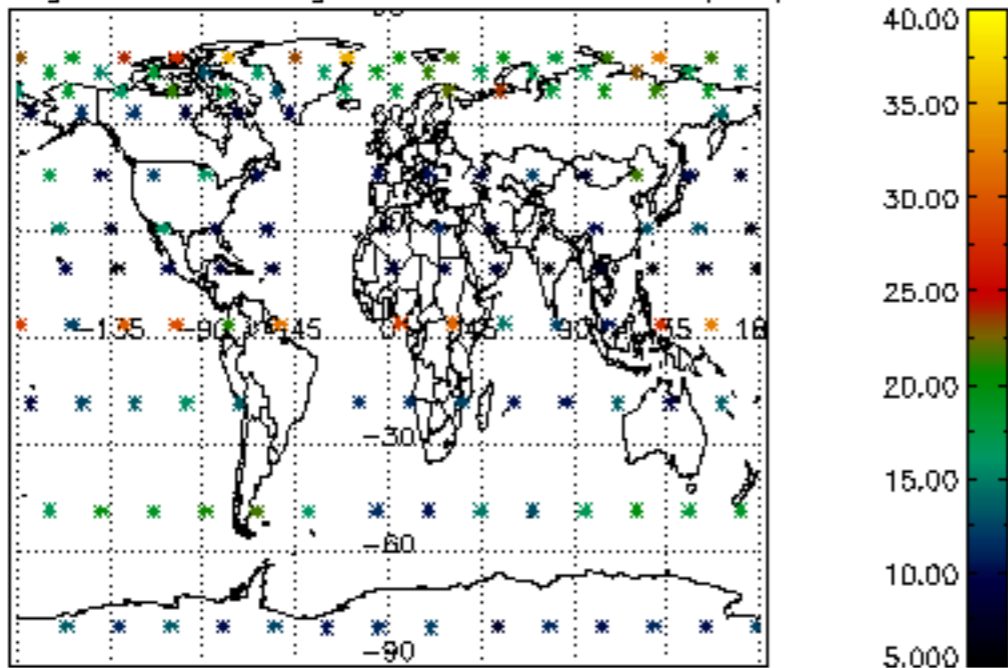
Percentage of cosmic ray hits per profile



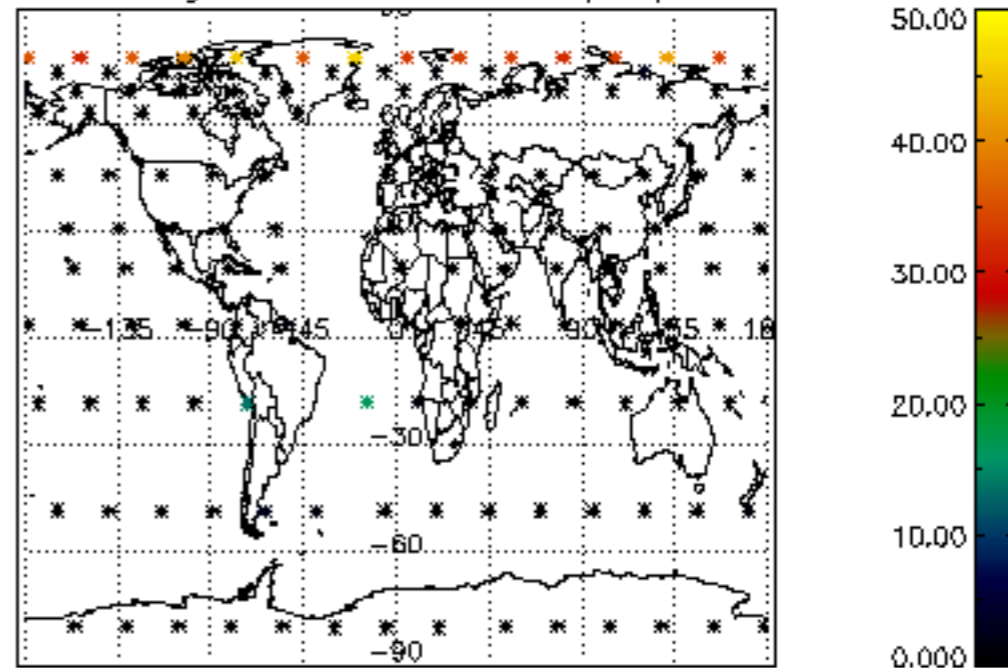
Percentage of datation errors per profile



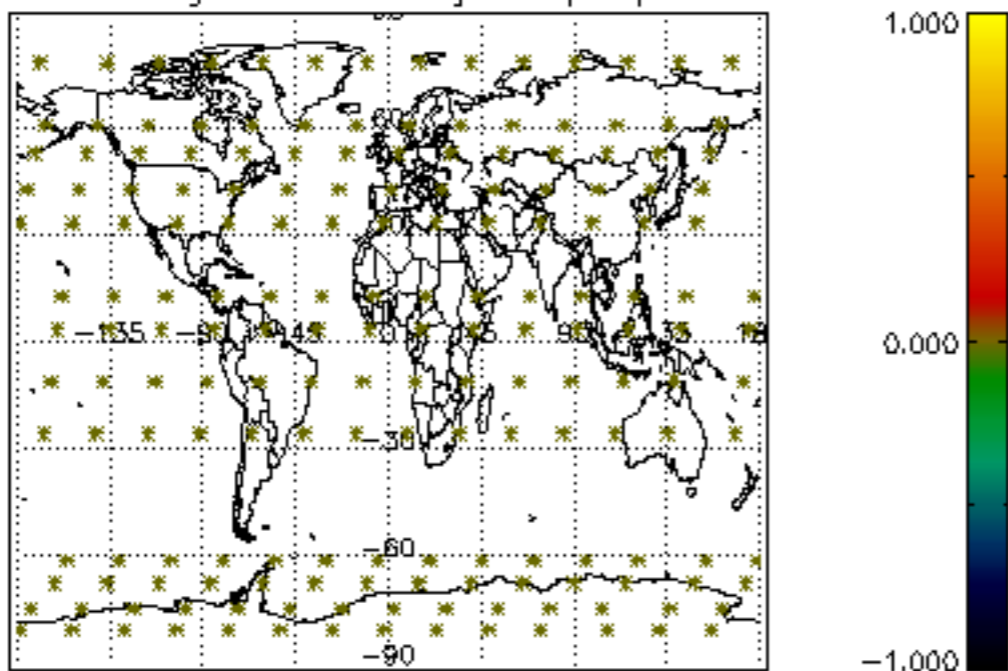
Percentage of star falling outside central band per profile



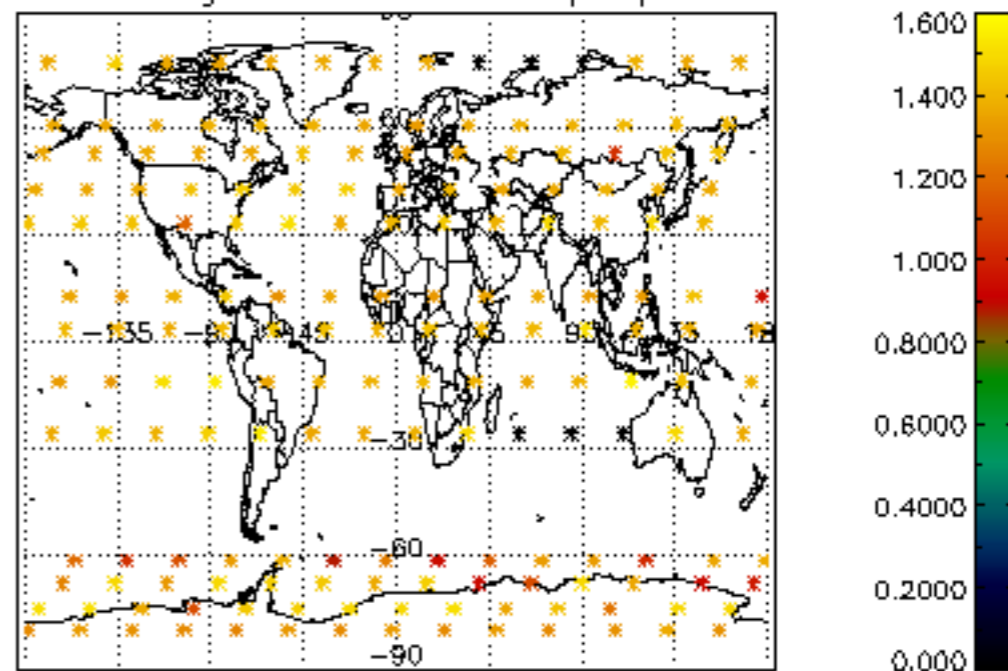
Percentage of saturation errors per profile



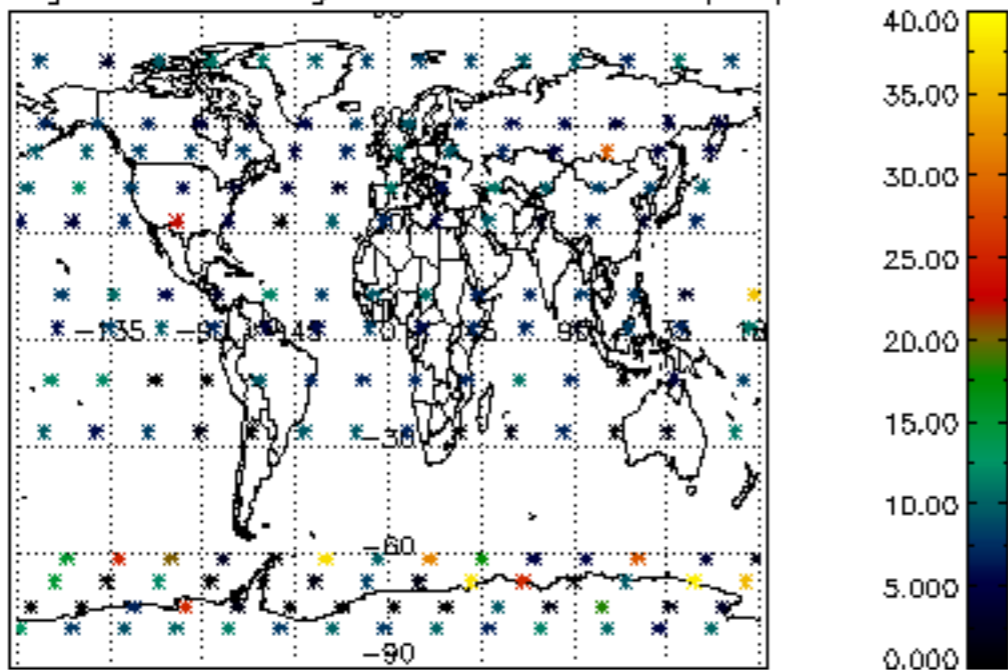
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

