

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 16:51:13
Data source version	GOMOS/6.01
Start time of products	01-07-2008 (01JUL2008 00:00:00)
Stop time of products	02-07-2008 (02JUL2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	211
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__2PRFIN20080701_094901_000000372070_00008_33128_3803.N1	01-JUL-2008 09:49:01	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33128	No
2	GOM_NL__2PRFIN20080701_095153_000000412070_00008_33128_3804.N1	01-JUL-2008 09:51:53	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33128	No
3	GOM_NL__2PRFIN20080701_095613_000000402070_00008_33128_3805.N1	01-JUL-2008 09:56:13	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33128	No
4	GOM_NL__2PRFIN20080701_100128_000000372070_00008_33128_3806.N1	01-JUL-2008 10:01:28	Twilight	36.500	147	Alp Ara	2.8770	26000.	73	33128	No
5	GOM_NL__2PRFIN20080701_100317_000000412070_00008_33128_3807.N1	01-JUL-2008 10:03:17	Twilight	41.000	40	The Sco	1.8590	7100.0	82	33128	No
6	GOM_NL__2PRFIN20080701_100456_000000412070_00008_33128_3808.N1	01-JUL-2008 10:04:56	Twilight	40.500	25	35Lam Sco	1.6200	28000.	81	33128	No
7	GOM_NL__2PRFIN20080701_100621_000000472070_00008_33128_3809.N1	01-JUL-2008 10:06:21	Bright	46.500	116	19Del Sgr	2.7000	4100.0	93	33128	No
8	GOM_NL__2PRFIN20080701_101108_000000362070_00008_33128_3810.N1	01-JUL-2008 10:11:08	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	33128	No
9	GOM_NL__2PRFIN20080701_101253_000000342070_00008_33128_3811.N1	01-JUL-2008 10:12:53	Bright	34.000	98	13Zet Oph	2.5710	30000.	68	33128	No
10	GOM_NL__2PRFIN20080701_101645_000000372070_00008_33128_3812.N1	01-JUL-2008 10:16:45	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33128	No
11	GOM_NL__2PRFIN20080701_101905_000000382070_00008_33128_3813.N1	01-JUL-2008 10:19:05	Bright	38.000	59	55Alp Oph	2.0800	8900.0	76	33128	No
12	GOM_NL__2PRFIN20080701_102149_000000342070_00008_33128_3814.N1	01-JUL-2008 10:21:49	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	33128	No
13	GOM_NL__2PRFIN20080701_102432_000000362070_00008_33128_3815.N1	01-JUL-2008 10:24:32	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33128	No
14	GOM_NL__2PRFIN20080701_103031_000000372070_00008_33128_3816.N1	01-JUL-2008 10:30:31	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	33128	No
15	GOM_NL__2PRFIN20080701_103256_000000352070_00008_33128_3817.N1	01-JUL-2008 10:32:56	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	33128	No
16	GOM_NL__2PRFIN20080701_103656_000000352070_00008_33128_3818.N1	01-JUL-2008 10:36:56	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	33128	No
17	GOM_NL__2PRFIN20080701_104109_000000342070_00008_33128_3819.N1	01-JUL-2008 10:41:09	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33128	No
18	GOM_NL__2PRFIN20080701_105126_000000352070_00008_33128_3820.N1	01-JUL-2008 10:51:26	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	33128	No
19	GOM_NL__2PRFIN20080701_105310_000000342070_00008_33128_3821.N1	01-JUL-2008 10:53:10	Bright	33.500	175	39Del Per	3.0100	19400.	67	33128	No
20	GOM_NL__2PRFIN20080701_105518_000000382070_00008_33128_3822.N1	01-JUL-2008 10:55:18	Bright	37.500	79	26Bet Per	2.3100	13100.	75	33128	No
21	GOM_NL__2PRFIN20080701_110645_000000492070_00008_33128_3823.N1	01-JUL-2008 11:06:45	Dark	49.000	94	92Alp Cet	2.5260	3100.0	98	33128	No
22	GOM_NL__2PRFIN20080701_111027_000000452070_00008_33128_3824.N1	01-JUL-2008 11:10:27	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	33128	No
23	GOM_NL__2PRFIN20080701_111852_000000392070_00008_33128_3825.N1	01-JUL-2008 11:18:52	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33128	No
24	GOM_NL__2PRFIN20080701_112500_000000512070_00009_33129_3814.N1	01-JUL-2008 11:25:00	Dark	50.500	9	Alp Eri	0.45300	24000.	101	33129	No
25	GOM_NL__2PRFIN20080701_112937_000000382070_00009_33129_3815.N1	01-JUL-2008 11:29:37	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33129	No
26	GOM_NL__2PRFIN20080701_113229_000000412070_00009_33129_3816.N1	01-JUL-2008 11:32:29	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	33129	No
27	GOM_NL__2PRFIN20080701_113650_000000432070_00009_33129_3817.N1	01-JUL-2008 11:36:50	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	33129	No
28	GOM_NL__2PRFIN20080701_114204_000000382070_00009_33129_3818.N1	01-JUL-2008 11:42:04	Twilight	37.500	147	Alp Ara	2.8770	26000.	75	33129	No
29	GOM_NL__2PRFIN20080701_114352_000000422070_00009_33129_3819.N1	01-JUL-2008 11:43:52	Twilight	42.000	40	The Sco	1.8590	7100.0	84	33129	No
30	GOM_NL__2PRFIN20080701_114532_000000392070_00009_33129_3820.N1	01-JUL-2008 11:45:32	Twilight	38.500	25	35Lam Sco	1.6200	28000.	77	33129	No
31	GOM_NL__2PRFIN20080701_114657_000000492070_00009_33129_3821.N1	01-JUL-2008 11:46:57	Bright	49.000	116	19Del Sgr	2.7000	4100.0	98	33129	No
32	GOM_NL__2PRFIN20080701_115143_000000362070_00009_33129_3822.N1	01-JUL-2008 11:51:43	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33129	No
33	GOM_NL__2PRFIN20080701_115329_000000362070_00009_33129_3823.N1	01-JUL-2008 11:53:29	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	33129	No
34	GOM_NL__2PRFIN20080701_115720_000000382070_00009_33129_3824.N1	01-JUL-2008 11:57:20	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33129	No
35	GOM_NL__2PRFIN20080701_115940_000000352070_00009_33129_3825.N1	01-JUL-2008 11:59:40	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	33129	No
36	GOM_NL__2PRFIN20080701_120224_000000352070_00009_33129_3826.N1	01-JUL-2008 12:02:24	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33129	No
37	GOM_NL__2PRFIN20080701_120507_000000352070_00009_33129_3827.N1	01-JUL-2008 12:05:07	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33129	No
38	GOM_NL__2PRFIN20080701_121106_000000382070_00009_33129_3828.N1	01-JUL-2008 12:11:06	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33129	No
39	GOM_NL__2PRFIN20080701_121331_000000352070_00009_33129_3829.N1	01-JUL-2008 12:13:31	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	33129	No
40	GOM_NL__2PRFIN20080701_121732_000000362070_00009_33129_3830.N1	01-JUL-2008 12:17:32	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33129	No
41	GOM_NL__2PRFIN20080701_122144_000000362070_00009_33129_3831.N1	01-JUL-2008 12:21:44	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33129	No
42	GOM_NL__2PRFIN20080701_123201_000000362070_00009_33129_3832.N1	01-JUL-2008 12:32:01	Bright	36.000	160	23Gam Per	2.9300	4700.0	72	33129	No

43	GOM_NL__2PRFIN20080701_123345_000000342070_00009_33129_3833.N1	01-JUL-2008 12:33:45	Bright	34.000	175	39Del Per	3.0100	19400.	68	33129	No
44	GOM_NL__2PRFIN20080701_123554_000000402070_00009_33129_3834.N1	01-JUL-2008 12:35:54	Bright	39.500	79	26Bet Per	2.3100	13100.	79	33129	No
45	GOM_NL__2PRFIN20080701_124721_000000482070_00009_33129_3835.N1	01-JUL-2008 12:47:21	Dark	47.500	94	92Alp Cet	2.5260	3100.0	95	33129	No
46	GOM_NL__2PRFIN20080701_125103_000000432070_00009_33129_3836.N1	01-JUL-2008 12:51:03	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	33129	No
47	GOM_NL__2PRFIN20080701_125928_000000402070_00009_33129_3837.N1	01-JUL-2008 12:59:28	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33129	No
48	GOM_NL__2PRFIN20080701_130537_000000482070_00010_33130_3827.N1	01-JUL-2008 13:05:37	Dark	48.000	9	Alp Eri	0.45300	24000.	96	33130	No
49	GOM_NL__2PRFIN20080701_131013_000000362070_00010_33130_3828.N1	01-JUL-2008 13:10:13	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33130	No
50	GOM_NL__2PRFIN20080701_131305_000000432070_00010_33130_3829.N1	01-JUL-2008 13:13:05	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	33130	No
51	GOM_NL__2PRFIN20080701_131726_000000402070_00010_33130_3830.N1	01-JUL-2008 13:17:26	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33130	No
52	GOM_NL__2PRFIN20080701_132240_000000382070_00010_33130_3831.N1	01-JUL-2008 13:22:40	Twi_and_stray	37.500	147	Alp Ara	2.8770	26000.	75	33130	No
53	GOM_NL__2PRFIN20080701_132428_000000432070_00010_33130_3832.N1	01-JUL-2008 13:24:28	Twi_and_stray	43.000	40	The Sco	1.8590	7100.0	86	33130	No
54	GOM_NL__2PRFIN20080701_132608_000000402070_00010_33130_3833.N1	01-JUL-2008 13:26:08	Twi_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	33130	No
55	GOM_NL__2PRFIN20080701_132733_000000432070_00010_33130_3834.N1	01-JUL-2008 13:27:33	Bright	42.500	116	19Del Sgr	2.7000	4100.0	85	33130	No
56	GOM_NL__2PRFIN20080701_133219_000000362070_00010_33130_3835.N1	01-JUL-2008 13:32:19	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	33130	No
57	GOM_NL__2PRFIN20080701_133405_000000372070_00010_33130_3836.N1	01-JUL-2008 13:34:05	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	33130	No
58	GOM_NL__2PRFIN20080701_133756_000000382070_00010_33130_3837.N1	01-JUL-2008 13:37:56	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33130	No
59	GOM_NL__2PRFIN20080701_134016_000000362070_00010_33130_3838.N1	01-JUL-2008 13:40:16	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33130	No
60	GOM_NL__2PRFIN20080701_134300_000000352070_00010_33130_3839.N1	01-JUL-2008 13:43:00	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33130	No
61	GOM_NL__2PRFIN20080701_134543_000000362070_00010_33130_3840.N1	01-JUL-2008 13:45:43	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33130	No
62	GOM_NL__2PRFIN20080701_135142_000000382070_00010_33130_3841.N1	01-JUL-2008 13:51:42	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	33130	No
63	GOM_NL__2PRFIN20080701_135407_000000372070_00010_33130_3842.N1	01-JUL-2008 13:54:07	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33130	No
64	GOM_NL__2PRFIN20080701_135808_000000332070_00010_33130_3843.N1	01-JUL-2008 13:58:08	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	33130	No
65	GOM_NL__2PRFIN20080701_140220_000000332070_00010_33130_3844.N1	01-JUL-2008 14:02:20	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	33130	No
66	GOM_NL__2PRFIN20080701_141237_000000372070_00010_33130_3845.N1	01-JUL-2008 14:12:37	Bright	37.000	160	23Gam Per	2.9300	4700.0	74	33130	No
67	GOM_NL__2PRFIN20080701_141421_000000342070_00010_33130_3846.N1	01-JUL-2008 14:14:21	Bright	33.500	175	39Del Per	3.0100	19400.	67	33130	No
68	GOM_NL__2PRFIN20080701_141630_000000432070_00010_33130_3847.N1	01-JUL-2008 14:16:30	Bright	42.500	79	26Bet Per	2.3100	13100.	85	33130	No
69	GOM_NL__2PRFIN20080701_142116_000000402070_00010_33130_3848.N1	01-JUL-2008 14:21:16	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33130	No
70	GOM_NL__2PRFIN20080701_142757_000000582070_00010_33130_3849.N1	01-JUL-2008 14:27:57	Dark	58.000	94	92Alp Cet	2.5260	3100.0	116	33130	No
71	GOM_NL__2PRFIN20080701_143139_000000422070_00010_33130_3850.N1	01-JUL-2008 14:31:39	Dark	42.000	165	34Gam Eri	2.9500	3200.0	84	33130	No
72	GOM_NL__2PRFIN20080701_144005_000000402070_00010_33130_3851.N1	01-JUL-2008 14:40:05	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33130	No
73	GOM_NL__2PRFIN20080701_144613_000000402070_00011_33131_3899.N1	01-JUL-2008 14:46:13	Dark	40.000	9	Alp Eri	0.45300	24000.	80	33131	No
74	GOM_NL__2PRFIN20080701_145049_000000362070_00011_33131_3900.N1	01-JUL-2008 14:50:49	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33131	No
75	GOM_NL__2PRFIN20080701_145342_000000432070_00011_33131_3901.N1	01-JUL-2008 14:53:42	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	33131	No
76	GOM_NL__2PRFIN20080701_145802_000000402070_00011_33131_3902.N1	01-JUL-2008 14:58:02	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33131	No
77	GOM_NL__2PRFIN20080701_150316_000000382070_00011_33131_3903.N1	01-JUL-2008 15:03:16	Twi_and_stray	37.500	147	Alp Ara	2.8770	26000.	75	33131	No
78	GOM_NL__2PRFIN20080701_150504_000000402070_00011_33131_3904.N1	01-JUL-2008 15:05:04	Twi_and_stray	40.000	40	The Sco	1.8590	7100.0	80	33131	No
79	GOM_NL__2PRFIN20080701_150644_000000372070_00011_33131_3905.N1	01-JUL-2008 15:06:44	Twi_and_stray	37.000	25	35Lam Sco	1.6200	28000.	74	33131	No
80	GOM_NL__2PRFIN20080701_150809_000000472070_00011_33131_3906.N1	01-JUL-2008 15:08:09	Bright	46.500	116	19Del Sgr	2.7000	4100.0	93	33131	No
81	GOM_NL__2PRFIN20080701_151255_000000352070_00011_33131_3907.N1	01-JUL-2008 15:12:55	Bright	35.000	86	35Eta Oph	2.4300	10200.	70	33131	No
82	GOM_NL__2PRFIN20080701_151441_000000352070_00011_33131_3908.N1	01-JUL-2008 15:14:41	Bright	34.500	98	13Zet Oph	2.5710	30000.	69	33131	No
83	GOM_NL__2PRFIN20080701_151832_000000382070_00011_33131_3909.N1	01-JUL-2008 15:18:32	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	33131	No
84	GOM_NL__2PRFIN20080701_152052_000000382070_00011_33131_3910.N1	01-JUL-2008 15:20:52	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33131	No
85	GOM_NL__2PRFIN20080701_152336_000000372070_00011_33131_3911.N1	01-JUL-2008 15:23:36	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33131	No
86	GOM_NL__2PRFIN20080701_152619_000000342070_00011_33131_3912.N1	01-JUL-2008 15:26:19	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33131	No
87	GOM_NL__2PRFIN20080701_153217_000000392070_00011_33131_3913.N1	01-JUL-2008 15:32:17	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	33131	No
88	GOM_NL__2PRFIN20080701_153443_000000372070_00011_33131_3914.N1	01-JUL-2008 15:34:43	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33131	No
89	GOM_NL__2PRFIN20080701_153844_000000332070_00011_33131_3915.N1	01-JUL-2008 15:38:44	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	33131	No
90	GOM_NL__2PRFIN20080701_154256_000000372070_00011_33131_3916.N1	01-JUL-2008 15:42:56	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33131	No
91	GOM_NL__2PRFIN20080701_155312_000000412070_00011_33131_3917.N1	01-JUL-2008 15:53:12	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	33131	No
92	GOM_NL__2PRFIN20080701_155457_000000382070_00011_33131_3918.N1	01-JUL-2008 15:54:57	Bright	38.000	175	39Del Per	3.0100	19400.	76	33131	No
93	GOM_NL__2PRFIN20080701_155706_000000402070_00011_33131_3919.N1	01-JUL-2008 15:57:06	Bright	40.000	79	26Bet Per	2.3100	13100.	80	33131	No
94	GOM_NL__2PRFIN20080701_160152_000000402070_00011_33131_3920.N1	01-JUL-2008 16:01:52	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	33131	No
95	GOM_NL__2PRFIN20080701_160834_000000492070_00011_33131_3921.N1	01-JUL-2008 16:08:34	Dark	49.000	94	92Alp Cet	2.5260	3100.0	98	33131	No
96	GOM_NL__2PRFIN20080701_161215_000000432070_00011_33131_3922.N1	01-JUL-2008 16:12:15	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	33131	No
97	GOM_NL__2PRFIN20080701_162041_000000392070_00011_33131_3923.N1	01-JUL-2008 16:20:41	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33131	No
98	GOM_NL__2PRFIN20080701_162649_000000472070_00012_33132_3913.N1	01-JUL-2008 16:26:49	Dark	47.000	9	Alp Eri	0.45300	24000.	94	33132	No
99	GOM_NL__2PRFIN20080701_163125_000000362070_00012_33132_3914.N1	01-JUL-2008 16:31:25	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	33132	No
100	GOM_NL__2PRFIN20080701_163418_000000402070_00012_33132_3915.N1	01-JUL-2008 16:34:18	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	33132	No
101	GOM_NL__2PRFIN20080701_163839_000000412070_00012_33132_3916.N1	01-JUL-2008 16:38:39	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33132	No

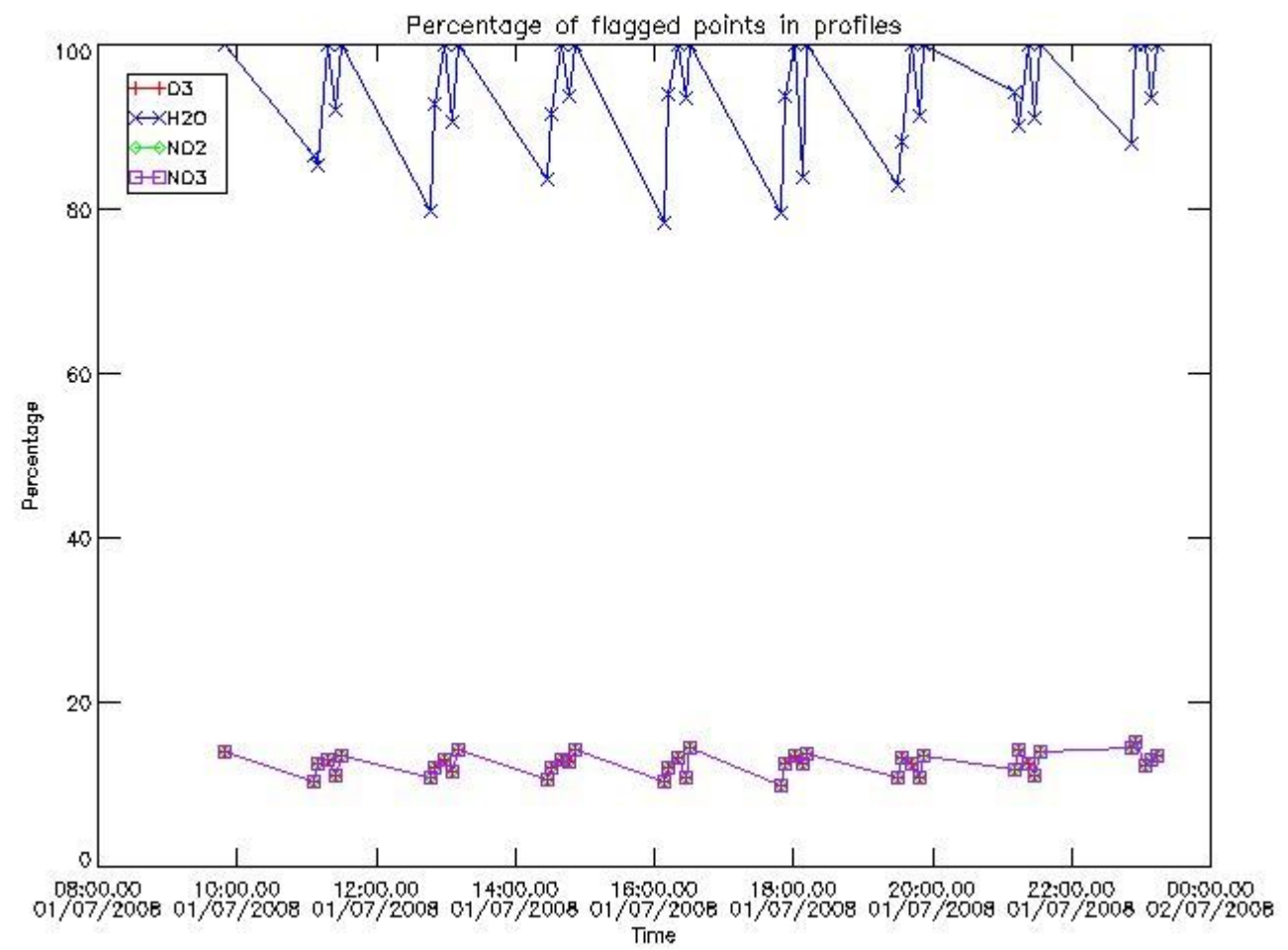
102	GOM_NL__2PRFIN20080701_164352_000000372070_00012_33132_3917.N1	01-JUL-2008 16:43:52	Twilight	37.000	147	Alp Ara	2.8770	26000.	74	33132	No
103	GOM_NL__2PRFIN20080701_164540_000000382070_00012_33132_3918.N1	01-JUL-2008 16:45:40	Twilight	37.500	40	The Sco	1.8590	7100.0	75	33132	No
104	GOM_NL__2PRFIN20080701_164720_000000392070_00012_33132_3919.N1	01-JUL-2008 16:47:20	Twilight	39.000	25	35Lam Sco	1.6200	28000.	78	33132	No
105	GOM_NL__2PRFIN20080701_164845_000000482070_00012_33132_3920.N1	01-JUL-2008 16:48:45	Bright	47.500	116	19Del Sgr	2.7000	4100.0	95	33132	No
106	GOM_NL__2PRFIN20080701_165331_000000362070_00012_33132_3921.N1	01-JUL-2008 16:53:31	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33132	No
107	GOM_NL__2PRFIN20080701_165517_000000362070_00012_33132_3922.N1	01-JUL-2008 16:55:17	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	33132	No
108	GOM_NL__2PRFIN20080701_165908_000000382070_00012_33132_3923.N1	01-JUL-2008 16:59:08	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	33132	No
109	GOM_NL__2PRFIN20080701_170128_000000392070_00012_33132_3924.N1	01-JUL-2008 17:01:28	Bright	38.500	59	55Alp Oph	2.0800	8900.0	77	33132	No
110	GOM_NL__2PRFIN20080701_170412_000000372070_00012_33132_3925.N1	01-JUL-2008 17:04:12	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33132	No
111	GOM_NL__2PRFIN20080701_170655_000000522070_00012_33132_3926.N1	01-JUL-2008 17:06:55	Bright	52.000	133	40Zet Her	2.8070	6000.0	104	33132	No
112	GOM_NL__2PRFIN20080701_171253_000000372070_00012_33132_3927.N1	01-JUL-2008 17:12:53	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33132	No
113	GOM_NL__2PRFIN20080701_171519_000000372070_00012_33132_3928.N1	01-JUL-2008 17:15:19	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33132	No
114	GOM_NL__2PRFIN20080701_171920_000000322070_00012_33132_3929.N1	01-JUL-2008 17:19:20	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	33132	No
115	GOM_NL__2PRFIN20080701_172332_000000352070_00012_33132_3930.N1	01-JUL-2008 17:23:32	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33132	No
116	GOM_NL__2PRFIN20080701_173348_000000382070_00012_33132_3931.N1	01-JUL-2008 17:33:48	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	33132	No
117	GOM_NL__2PRFIN20080701_173533_000000342070_00012_33132_3932.N1	01-JUL-2008 17:35:33	Bright	34.000	175	39Del Per	3.0100	19400.	68	33132	No
118	GOM_NL__2PRFIN20080701_173742_000000412070_00012_33132_3933.N1	01-JUL-2008 17:37:42	Bright	40.500	79	26Bet Per	2.3100	13100.	81	33132	No
119	GOM_NL__2PRFIN20080701_174228_000000412070_00012_33132_3934.N1	01-JUL-2008 17:42:28	Twilight	41.000	146	25Eta Tau	2.8730	15200.	82	33132	No
120	GOM_NL__2PRFIN20080701_174910_000000522070_00012_33132_3935.N1	01-JUL-2008 17:49:10	Dark	52.000	94	92Alp Cet	2.5260	3100.0	104	33132	No
121	GOM_NL__2PRFIN20080701_175252_000000412070_00012_33132_3936.N1	01-JUL-2008 17:52:52	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	33132	No
122	GOM_NL__2PRFIN20080701_180118_000000382070_00012_33132_3937.N1	01-JUL-2008 18:01:18	Dark	37.500	157	The1Eri	2.9060	9300.0	75	33132	No
123	GOM_NL__2PRFIN20080701_180726_000000412070_00013_33133_3929.N1	01-JUL-2008 18:07:26	Dark	40.500	9	Alp Eri	0.45300	24000.	81	33133	No
124	GOM_NL__2PRFIN20080701_181202_000000372070_00013_33133_3930.N1	01-JUL-2008 18:12:02	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33133	No
125	GOM_NL__2PRFIN20080701_181455_000000402070_00013_33133_3931.N1	01-JUL-2008 18:14:55	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	33133	No
126	GOM_NL__2PRFIN20080701_181915_000000402070_00013_33133_3932.N1	01-JUL-2008 18:19:15	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33133	No
127	GOM_NL__2PRFIN20080701_182428_000000372070_00013_33133_3933.N1	01-JUL-2008 18:24:28	Twilight	36.500	147	Alp Ara	2.8770	26000.	73	33133	No
128	GOM_NL__2PRFIN20080701_182617_000000432070_00013_33133_3934.N1	01-JUL-2008 18:26:17	Twilight	42.500	40	The Sco	1.8590	7100.0	85	33133	No
129	GOM_NL__2PRFIN20080701_182756_000000422070_00013_33133_3935.N1	01-JUL-2008 18:27:56	Twilight	41.500	25	35Lam Sco	1.6200	28000.	83	33133	No
130	GOM_NL__2PRFIN20080701_182922_000000552070_00013_33133_3936.N1	01-JUL-2008 18:29:22	Bright	55.000	116	19Del Sgr	2.7000	4100.0	110	33133	No
131	GOM_NL__2PRFIN20080701_183407_000000372070_00013_33133_3937.N1	01-JUL-2008 18:34:07	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33133	No
132	GOM_NL__2PRFIN20080701_183553_000000362070_00013_33133_3938.N1	01-JUL-2008 18:35:53	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	33133	No
133	GOM_NL__2PRFIN20080701_183944_000000372070_00013_33133_3939.N1	01-JUL-2008 18:39:44	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33133	No
134	GOM_NL__2PRFIN20080701_184204_000000372070_00013_33133_3940.N1	01-JUL-2008 18:42:04	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33133	No
135	GOM_NL__2PRFIN20080701_184448_000000372070_00013_33133_3941.N1	01-JUL-2008 18:44:48	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33133	No
136	GOM_NL__2PRFIN20080701_184732_000000362070_00013_33133_3942.N1	01-JUL-2008 18:47:32	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33133	No
137	GOM_NL__2PRFIN20080701_185329_000000382070_00013_33133_3943.N1	01-JUL-2008 18:53:29	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	33133	No
138	GOM_NL__2PRFIN20080701_185555_000000372070_00013_33133_3944.N1	01-JUL-2008 18:55:55	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33133	No
139	GOM_NL__2PRFIN20080701_185956_000000372070_00013_33133_3945.N1	01-JUL-2008 18:59:56	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33133	No
140	GOM_NL__2PRFIN20080701_190408_000000372070_00013_33133_3946.N1	01-JUL-2008 19:04:08	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33133	No
141	GOM_NL__2PRFIN20080701_191424_000000452070_00013_33133_3947.N1	01-JUL-2008 19:14:24	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	33133	No
142	GOM_NL__2PRFIN20080701_191609_000000542070_00013_33133_3948.N1	01-JUL-2008 19:16:09	Bright	54.000	175	39Del Per	3.0100	19400.	108	33133	No
143	GOM_NL__2PRFIN20080701_191818_000000402070_00013_33133_3949.N1	01-JUL-2008 19:18:18	Bright	39.500	79	26Bet Per	2.3100	13100.	79	33133	No
144	GOM_NL__2PRFIN20080701_192304_000000412070_00013_33133_3950.N1	01-JUL-2008 19:23:04	Twilight	41.000	146	25Eta Tau	2.8730	15200.	82	33133	No
145	GOM_NL__2PRFIN20080701_192947_000000482070_00013_33133_3951.N1	01-JUL-2008 19:29:47	Dark	47.500	94	92Alp Cet	2.5260	3100.0	95	33133	No
146	GOM_NL__2PRFIN20080701_193328_000000392070_00013_33133_3952.N1	01-JUL-2008 19:33:28	Dark	38.500	165	34Gam Eri	2.9500	3200.0	77	33133	No
147	GOM_NL__2PRFIN20080701_194154_000000412070_00013_33133_3953.N1	01-JUL-2008 19:41:54	Dark	41.000	157	The1Eri	2.9060	9300.0	82	33133	No
148	GOM_NL__2PRFIN20080701_194802_000000472070_00014_33134_3945.N1	01-JUL-2008 19:48:02	Dark	47.000	9	Alp Eri	0.45300	24000.	94	33134	No
149	GOM_NL__2PRFIN20080701_195238_000000382070_00014_33134_3946.N1	01-JUL-2008 19:52:38	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33134	No
150	GOM_NL__2PRFIN20080701_195531_000000422070_00014_33134_3947.N1	01-JUL-2008 19:55:31	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33134	No
151	GOM_NL__2PRFIN20080701_195952_000000402070_00014_33134_3948.N1	01-JUL-2008 19:59:52	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33134	No
152	GOM_NL__2PRFIN20080701_200504_000000392070_00014_33134_3949.N1	01-JUL-2008 20:05:04	Twilight	38.500	147	Alp Ara	2.8770	26000.	77	33134	No
153	GOM_NL__2PRFIN20080701_200653_000000412070_00014_33134_3950.N1	01-JUL-2008 20:06:53	Twilight	41.000	40	The Sco	1.8590	7100.0	82	33134	No
154	GOM_NL__2PRFIN20080701_200833_000000412070_00014_33134_3951.N1	01-JUL-2008 20:08:33	Twilight	40.500	25	35Lam Sco	1.6200	28000.	81	33134	No
155	GOM_NL__2PRFIN20080701_200958_000000432070_00014_33134_3952.N1	01-JUL-2008 20:09:58	Bright	42.500	116	19Del Sgr	2.7000	4100.0	85	33134	No
156	GOM_NL__2PRFIN20080701_201444_000000372070_00014_33134_3953.N1	01-JUL-2008 20:14:44	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33134	No
157	GOM_NL__2PRFIN20080701_201629_000000252070_00014_33134_3954.N1	01-JUL-2008 20:16:29	Twilight	25.000	98	13Zet Oph	2.5710	30000.	50	33134	No
158	GOM_NL__2PRFIN20080701_202020_000000362070_00014_33134_3955.N1	01-JUL-2008 20:20:20	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33134	No
159	GOM_NL__2PRFIN20080701_202240_000000382070_00014_33134_3956.N1	01-JUL-2008 20:22:40	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33134	No
160	GOM_NL__2PRFIN20080701_202524_000000352070_00014_33134_3957.N1	01-JUL-2008 20:25:24	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33134	No

161	GOM_NL__2PRFIN20080701_202808_000000372070_00014_33134_3958.N1	01-JUL-2008 20:28:08	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	33134	No
162	GOM_NL__2PRFIN20080701_203405_000000372070_00014_33134_3959.N1	01-JUL-2008 20:34:05	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	33134	No
163	GOM_NL__2PRFIN20080701_203631_000000372070_00014_33134_3960.N1	01-JUL-2008 20:36:31	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33134	No
164	GOM_NL__2PRFIN20080701_204032_000000362070_00014_33134_3961.N1	01-JUL-2008 20:40:32	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	33134	No
165	GOM_NL__2PRFIN20080701_204444_000000372070_00014_33134_3962.N1	01-JUL-2008 20:44:44	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	33134	No
166	GOM_NL__2PRFIN20080701_205500_000000362070_00014_33134_3963.N1	01-JUL-2008 20:55:00	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	33134	No
167	GOM_NL__2PRFIN20080701_205645_000000362070_00014_33134_3964.N1	01-JUL-2008 20:56:45	Bright	36.000	175	39Del Per	3.0100	19400.	72	33134	No
168	GOM_NL__2PRFIN20080701_205854_000000392070_00014_33134_3965.N1	01-JUL-2008 20:58:54	Bright	39.000	79	26Bet Per	2.3100	13100.	78	33134	No
169	GOM_NL__2PRFIN20080701_210340_000000402070_00014_33134_3966.N1	01-JUL-2008 21:03:40	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33134	No
170	GOM_NL__2PRFIN20080701_211023_000000432070_00014_33134_3967.N1	01-JUL-2008 21:10:23	Dark	43.000	94	92Alp Cet	2.5260	3100.0	86	33134	No
171	GOM_NL__2PRFIN20080701_211404_000000362070_00014_33134_3968.N1	01-JUL-2008 21:14:04	Dark	36.000	165	34Gam Eri	2.9500	3200.0	72	33134	No
172	GOM_NL__2PRFIN20080701_212231_000000412070_00014_33134_3969.N1	01-JUL-2008 21:22:31	Dark	40.500	157	The1Eri	2.9060	9300.0	81	33134	No
173	GOM_NL__2PRFIN20080701_212839_000000462070_00015_33135_3957.N1	01-JUL-2008 21:28:39	Dark	45.500	9	Alp Eri	0.45300	24000.	91	33135	No
174	GOM_NL__2PRFIN20080701_213314_000000372070_00015_33135_3958.N1	01-JUL-2008 21:33:14	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33135	No
175	GOM_NL__2PRFIN20080701_213608_000000412070_00015_33135_3959.N1	01-JUL-2008 21:36:08	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33135	No
176	GOM_NL__2PRFIN20080701_214028_000000412070_00015_33135_3960.N1	01-JUL-2008 21:40:28	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33135	No
177	GOM_NL__2PRFIN20080701_214540_000000372070_00015_33135_3961.N1	01-JUL-2008 21:45:40	Twilight	37.000	147	Alp Ara	2.8770	26000.	74	33135	No
178	GOM_NL__2PRFIN20080701_214729_000000422070_00015_33135_3962.N1	01-JUL-2008 21:47:29	Twilight	42.000	40	The Sco	1.8590	7100.0	84	33135	No
179	GOM_NL__2PRFIN20080701_214909_000000402070_00015_33135_3963.N1	01-JUL-2008 21:49:09	Twilight	39.500	25	35Lam Sco	1.6200	28000.	79	33135	No
180	GOM_NL__2PRFIN20080701_215034_000000552070_00015_33135_3964.N1	01-JUL-2008 21:50:34	Bright	55.000	116	19Del Sgr	2.7000	4100.0	110	33135	No
181	GOM_NL__2PRFIN20080701_215520_000000372070_00015_33135_3965.N1	01-JUL-2008 21:55:20	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33135	No
182	GOM_NL__2PRFIN20080701_220056_000000372070_00015_33135_3966.N1	01-JUL-2008 22:00:56	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33135	No
183	GOM_NL__2PRFIN20080701_220315_000000362070_00015_33135_3967.N1	01-JUL-2008 22:03:15	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33135	No
184	GOM_NL__2PRFIN20080701_220600_000000372070_00015_33135_3968.N1	01-JUL-2008 22:06:00	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33135	No
185	GOM_NL__2PRFIN20080701_220843_000000342070_00015_33135_3969.N1	01-JUL-2008 22:08:43	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33135	No
186	GOM_NL__2PRFIN20080701_221441_000000372070_00015_33135_3970.N1	01-JUL-2008 22:14:41	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33135	No
187	GOM_NL__2PRFIN20080701_221707_000000372070_00015_33135_3971.N1	01-JUL-2008 22:17:07	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33135	No
188	GOM_NL__2PRFIN20080701_222108_000000352070_00015_33135_3972.N1	01-JUL-2008 22:21:08	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	33135	No
189	GOM_NL__2PRFIN20080701_222519_000000362070_00015_33135_3973.N1	01-JUL-2008 22:25:19	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33135	No
190	GOM_NL__2PRFIN20080701_223536_000000422070_00015_33135_3974.N1	01-JUL-2008 22:35:36	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	33135	No
191	GOM_NL__2PRFIN20080701_223721_000000342070_00015_33135_3975.N1	01-JUL-2008 22:37:21	Bright	33.500	175	39Del Per	3.0100	19400.	67	33135	No
192	GOM_NL__2PRFIN20080701_223929_000000392070_00015_33135_3976.N1	01-JUL-2008 22:39:29	Bright	38.500	79	26Bet Per	2.3100	13100.	77	33135	No
193	GOM_NL__2PRFIN20080701_224416_000000412070_00015_33135_3977.N1	01-JUL-2008 22:44:16	Twilight	41.000	146	25Eta Tau	2.8730	15200.	82	33135	No
194	GOM_NL__2PRFIN20080701_225059_000000422070_00015_33135_3978.N1	01-JUL-2008 22:50:59	Dark	42.000	94	92Alp Cet	2.5260	3100.0	84	33135	No
195	GOM_NL__2PRFIN20080701_225440_000000402070_00015_33135_3979.N1	01-JUL-2008 22:54:40	Dark	40.000	165	34Gam Eri	2.9500	3200.0	80	33135	No
196	GOM_NL__2PRFIN20080701_230307_000000422070_00015_33135_3980.N1	01-JUL-2008 23:03:07	Dark	41.500	157	The1Eri	2.9060	9300.0	83	33135	No
197	GOM_NL__2PRFIN20080701_230915_000000392070_00016_33136_3980.N1	01-JUL-2008 23:09:15	Dark	39.000	9	Alp Eri	0.45300	24000.	78	33136	No
198	GOM_NL__2PRFIN20080701_231350_000000382070_00016_33136_3981.N1	01-JUL-2008 23:13:50	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33136	No
199	GOM_NL__2PRFIN20080701_231644_000000412070_00016_33136_3982.N1	01-JUL-2008 23:16:44	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33136	No
200	GOM_NL__2PRFIN20080701_232104_000000402070_00016_33136_3983.N1	01-JUL-2008 23:21:04	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33136	No
201	GOM_NL__2PRFIN20080701_232616_000000372070_00016_33136_3984.N1	01-JUL-2008 23:26:16	Twilight	37.000	147	Alp Ara	2.8770	26000.	74	33136	No
202	GOM_NL__2PRFIN20080701_232805_000000412070_00016_33136_3985.N1	01-JUL-2008 23:28:05	Twilight	40.500	40	The Sco	1.8590	7100.0	81	33136	No
203	GOM_NL__2PRFIN20080701_232945_000000432070_00016_33136_3986.N1	01-JUL-2008 23:29:45	Twilight	43.000	25	35Lam Sco	1.6200	28000.	86	33136	No
204	GOM_NL__2PRFIN20080701_233110_000000452070_00016_33136_3987.N1	01-JUL-2008 23:31:10	Bright	45.000	116	19Del Sgr	2.7000	4100.0	90	33136	No
205	GOM_NL__2PRFIN20080701_233556_000000362070_00016_33136_3988.N1	01-JUL-2008 23:35:56	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33136	No
206	GOM_NL__2PRFIN20080701_234132_000000372070_00016_33136_3989.N1	01-JUL-2008 23:41:32	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33136	No
207	GOM_NL__2PRFIN20080701_234351_000000362070_00016_33136_3990.N1	01-JUL-2008 23:43:51	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33136	No
208	GOM_NL__2PRFIN20080701_234636_000000342070_00016_33136_3991.N1	01-JUL-2008 23:46:36	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	33136	No
209	GOM_NL__2PRFIN20080701_234919_000000442070_00016_33136_3992.N1	01-JUL-2008 23:49:19	Bright	43.500	133	40Zet Her	2.8070	6000.0	87	33136	No
210	GOM_NL__2PRFIN20080701_235516_000000392070_00016_33136_3993.N1	01-JUL-2008 23:55:16	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	33136	No
211	GOM_NL__2PRFIN20080701_235743_000000322070_00016_33136_3994.N1	01-JUL-2008 23:57:43	Bright	32.000	119	14Eta Dra	2.7270	4700.0	64	33136	No

3. Quality information per product

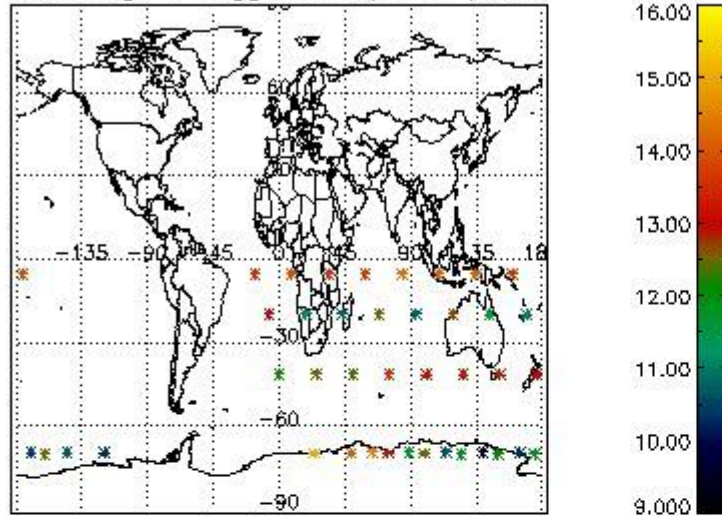
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

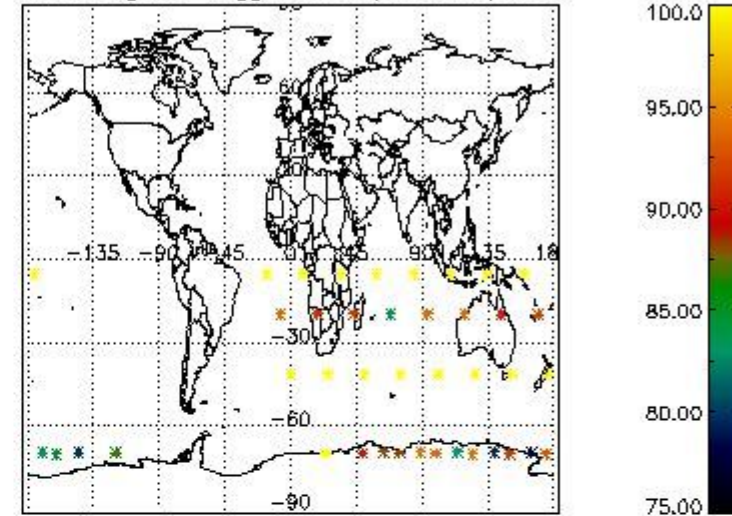


3.2 Plot quality information per product (world map)

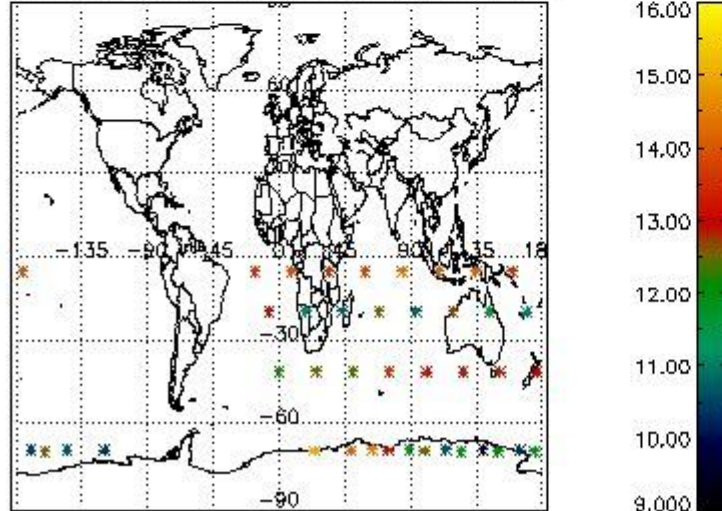
Percentage of flagged data per O3 profile



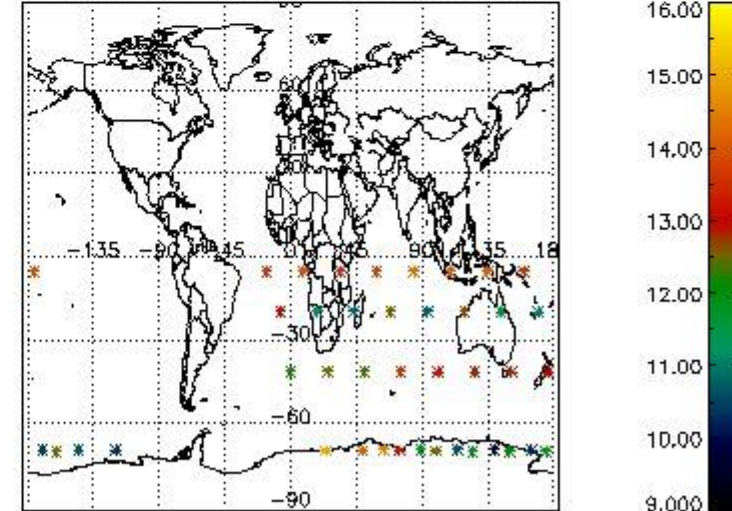
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

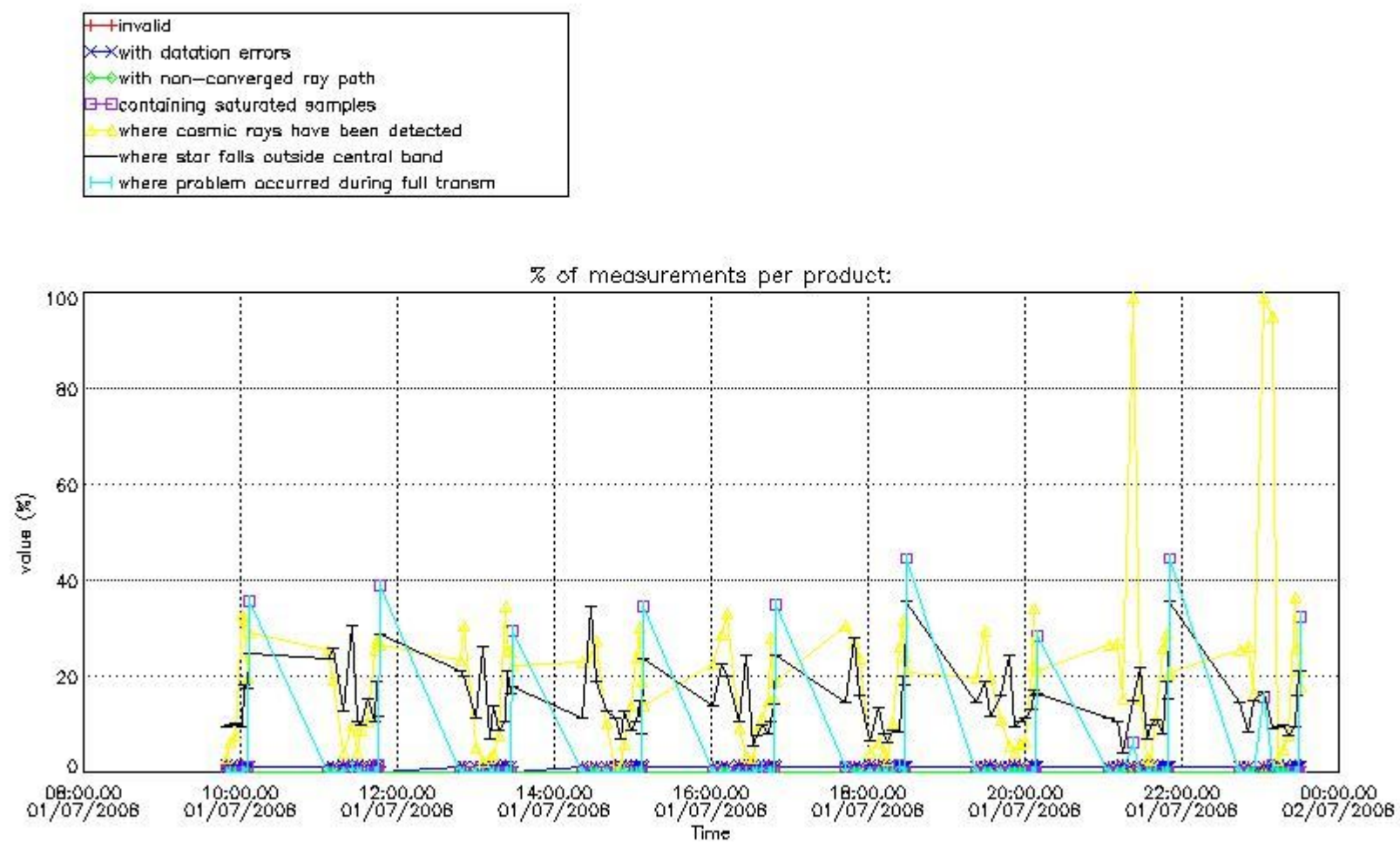


4. Level 1 quality information per product

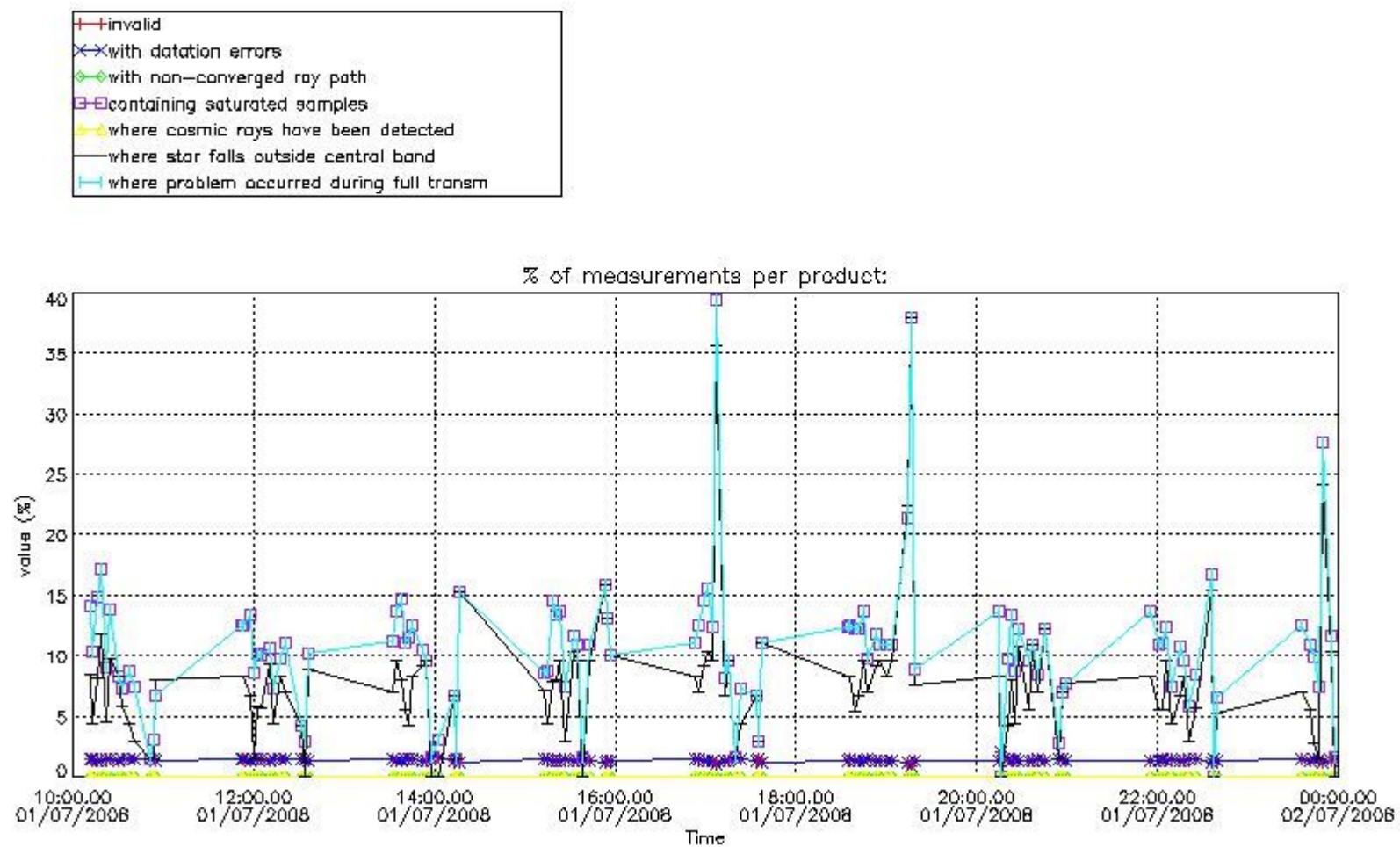
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

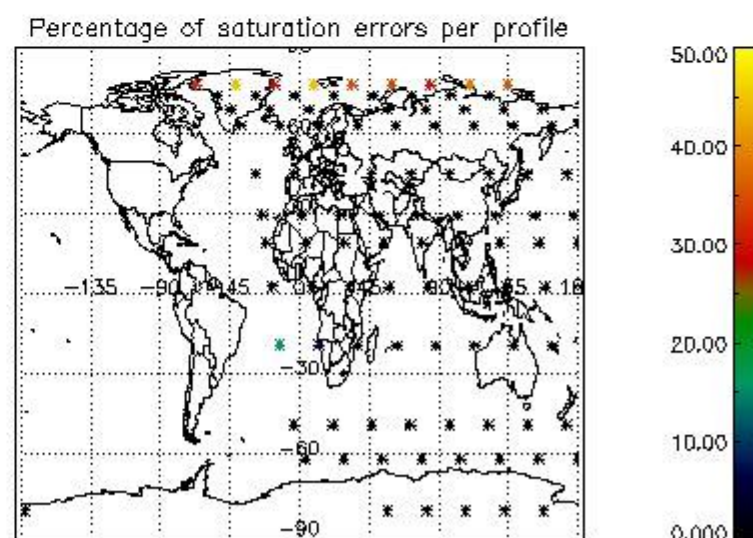
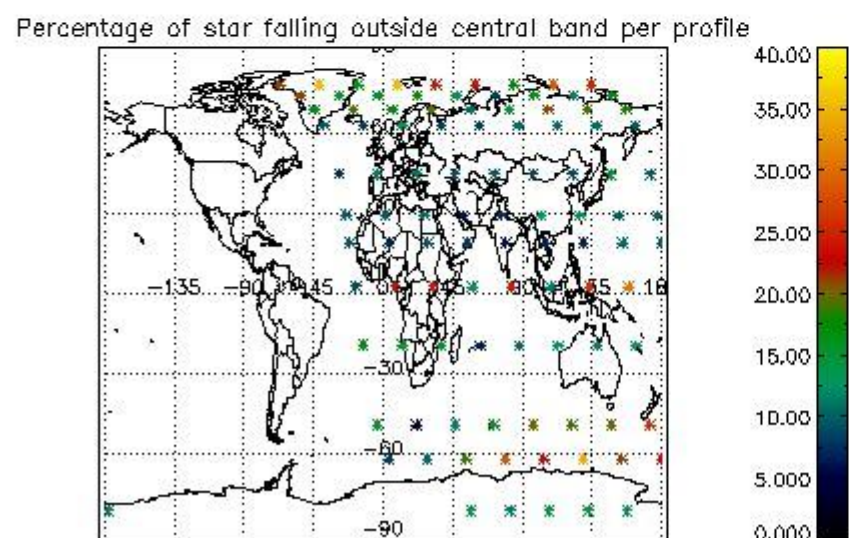
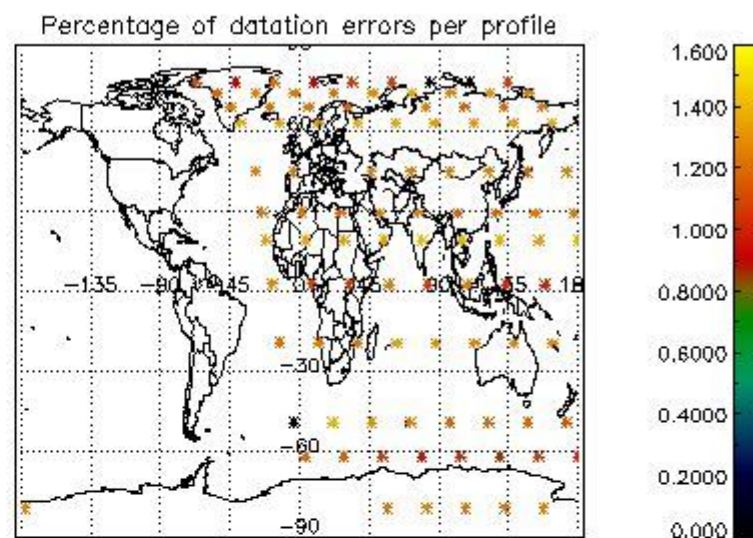
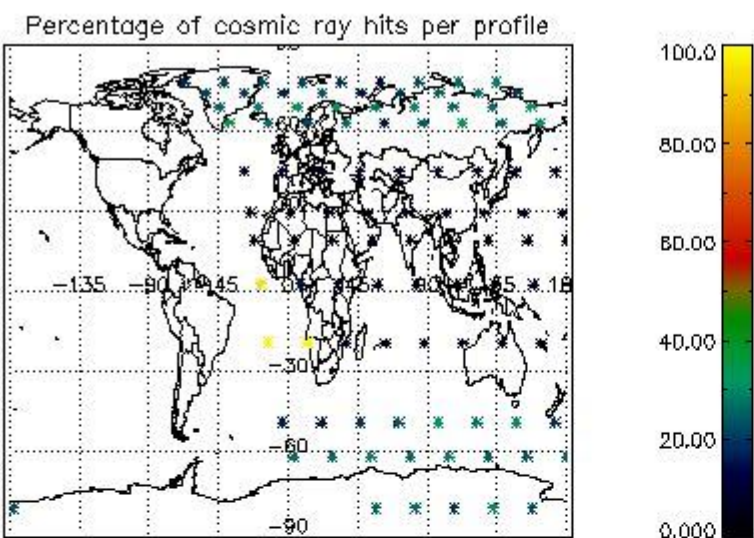


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

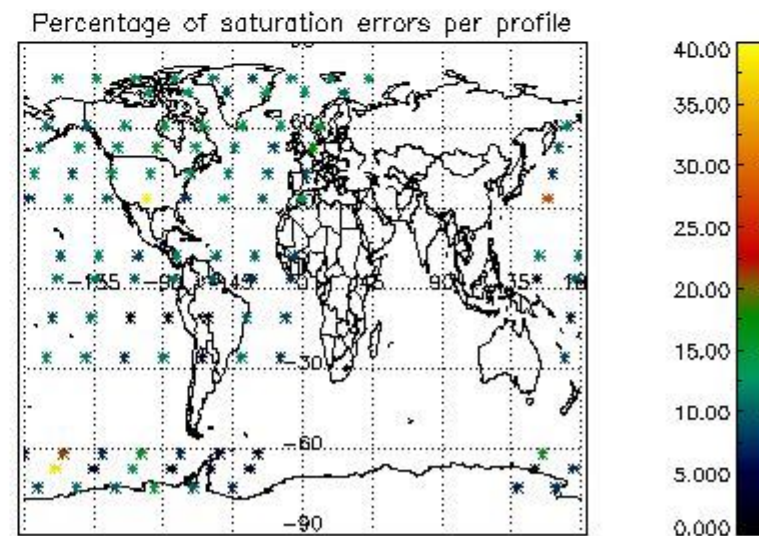
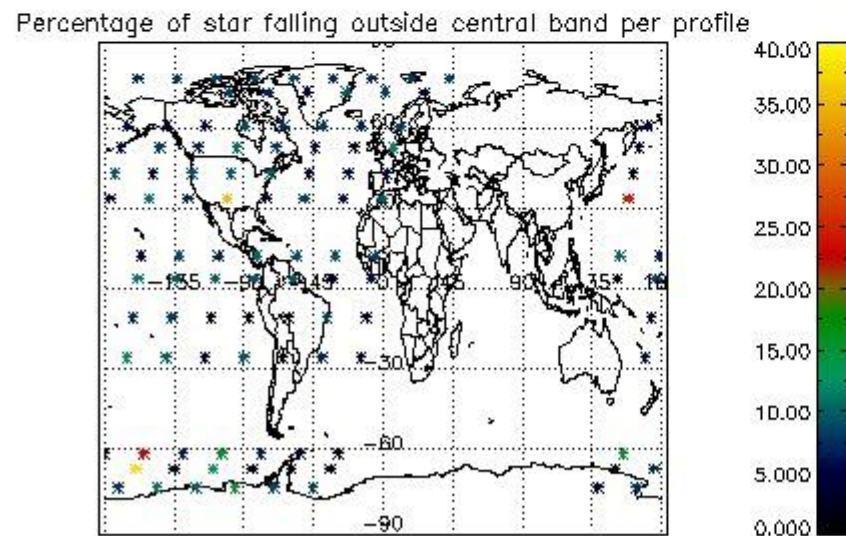
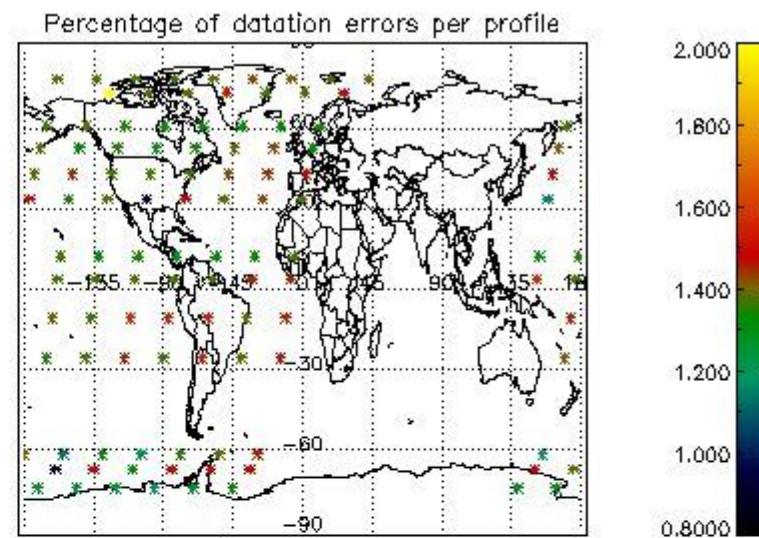
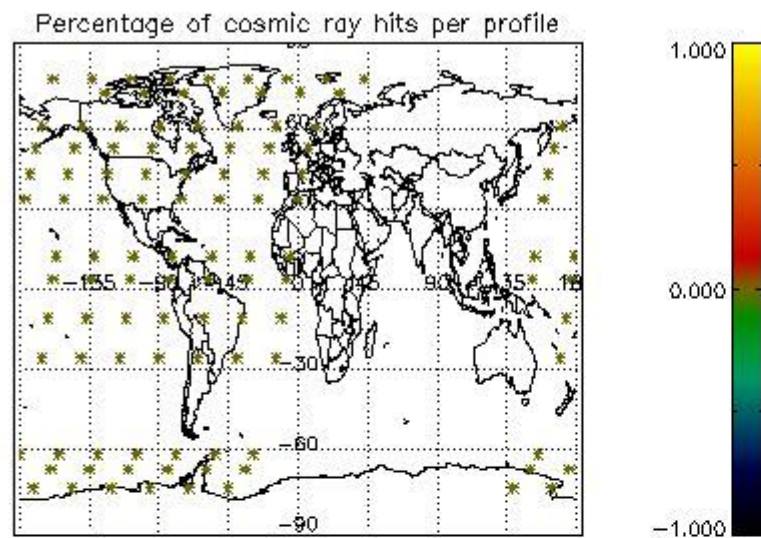


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

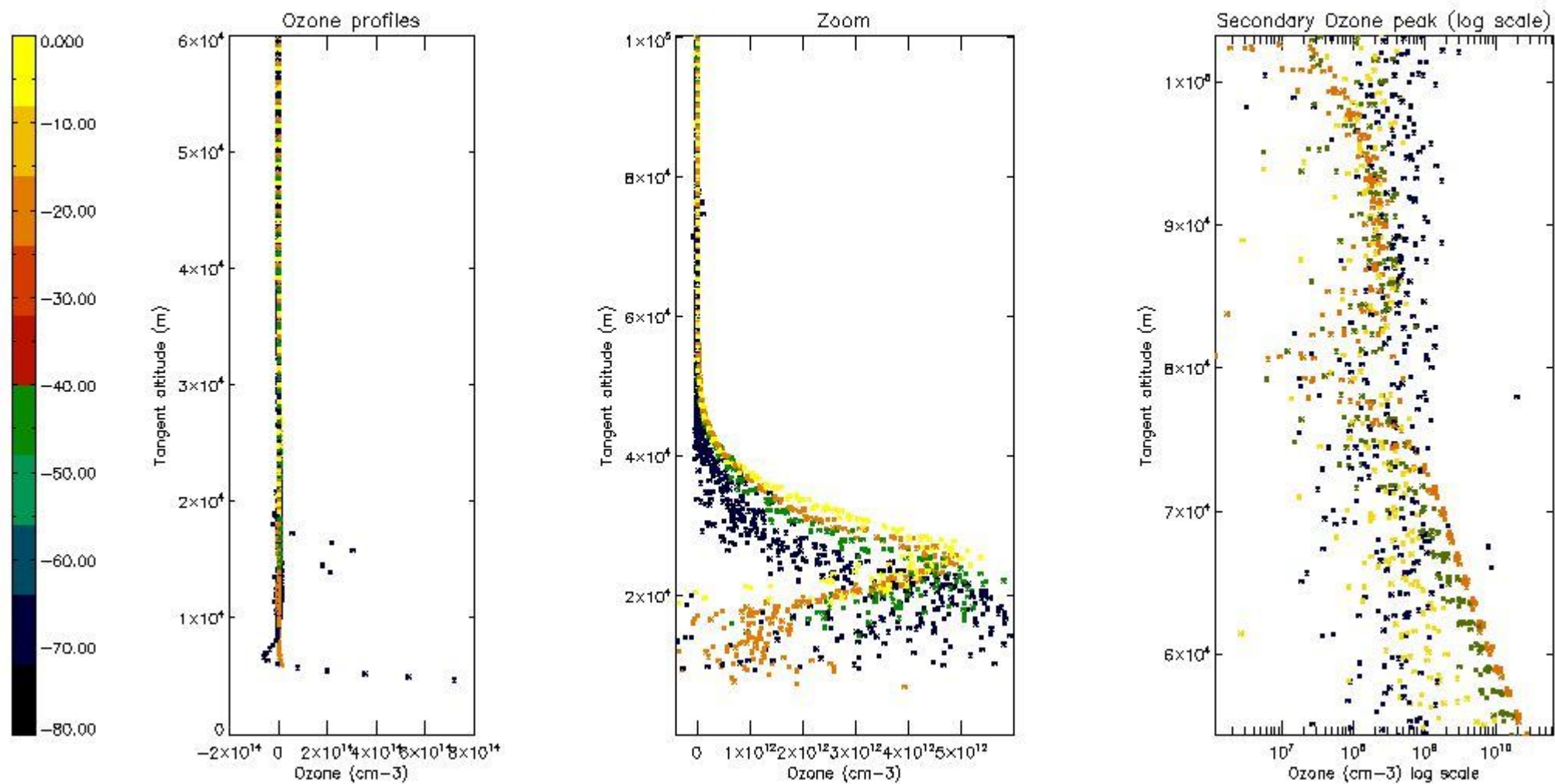
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	8

STD < 10	4
STD < 5	2

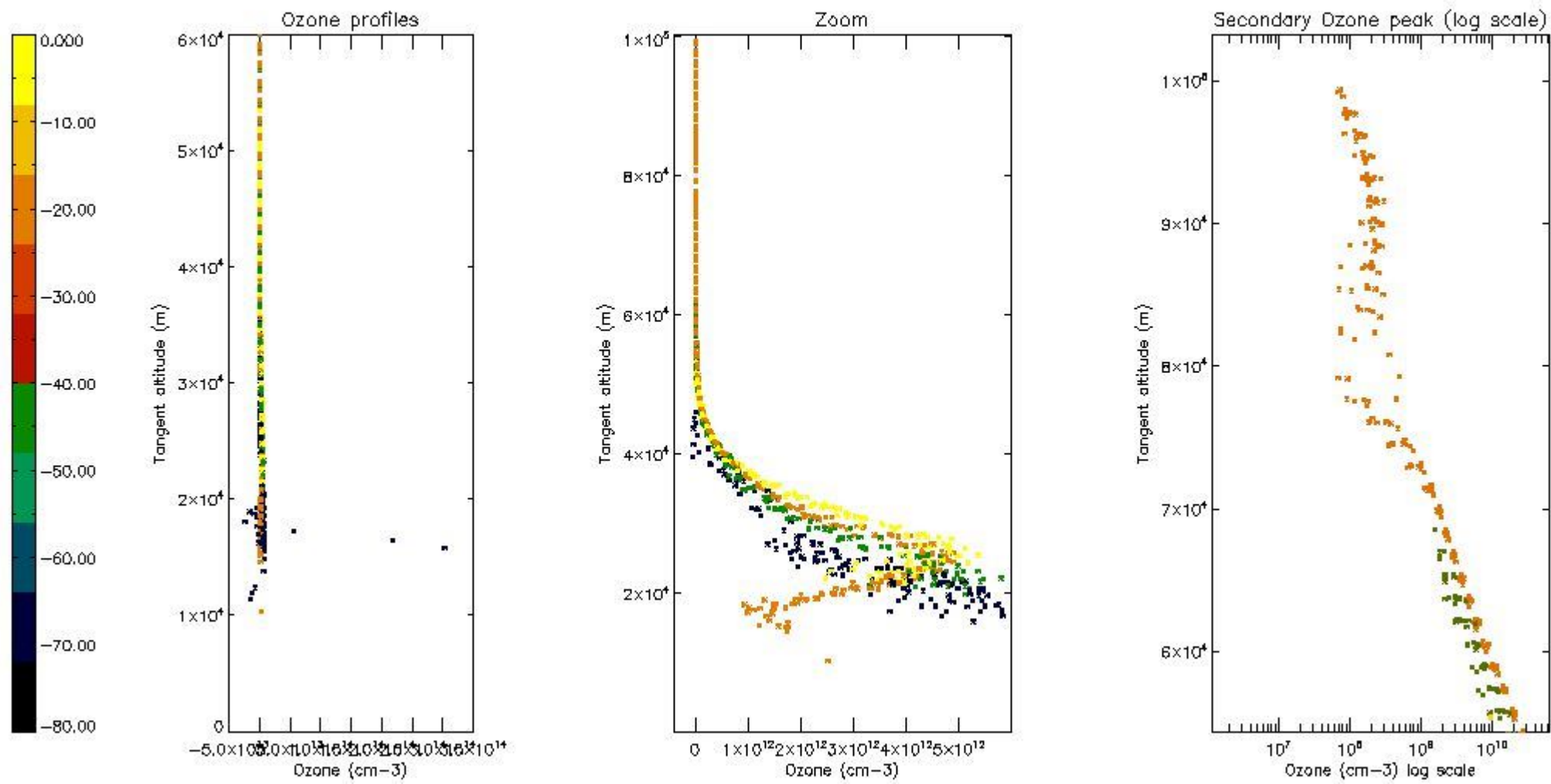
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



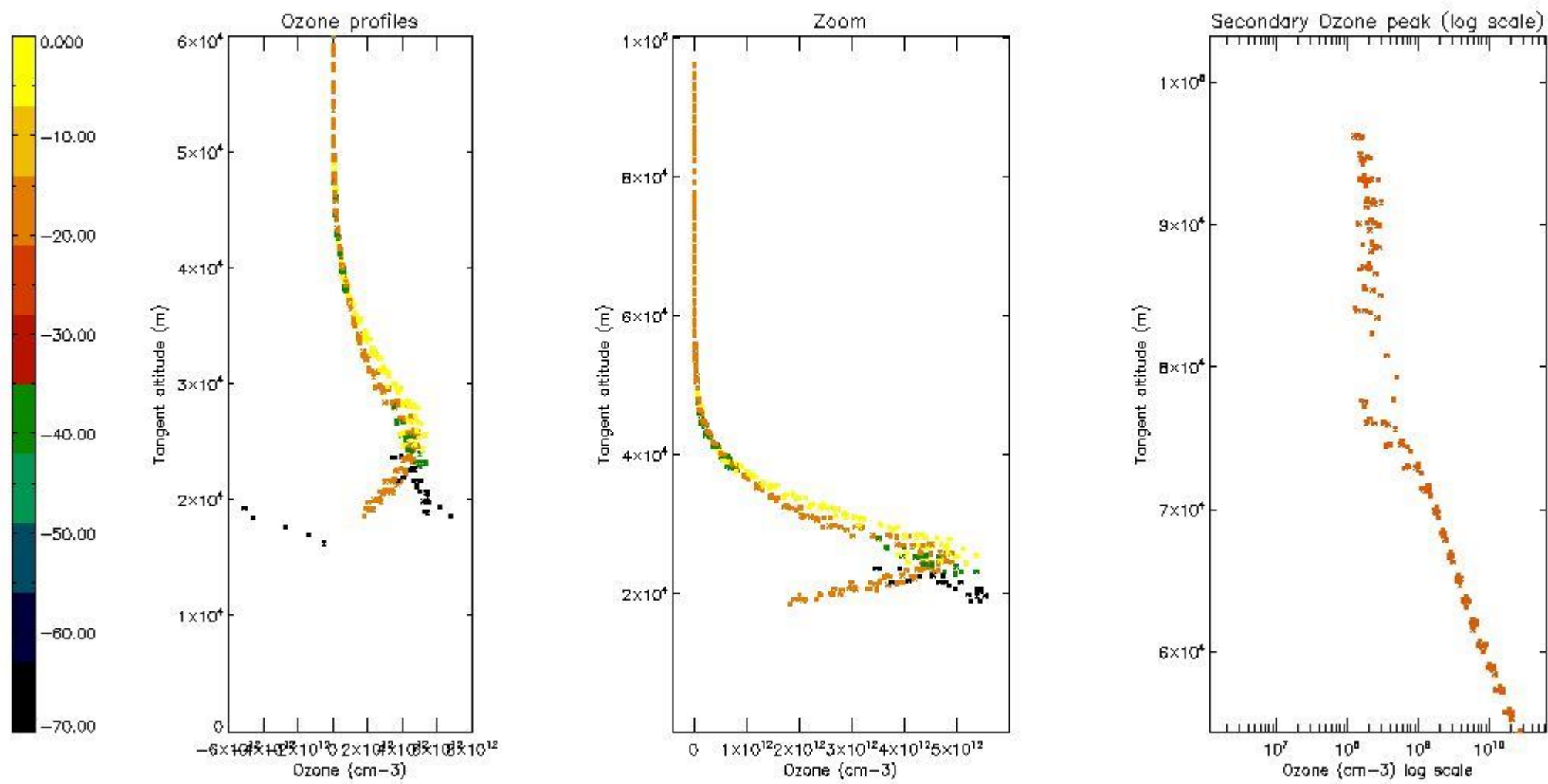
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



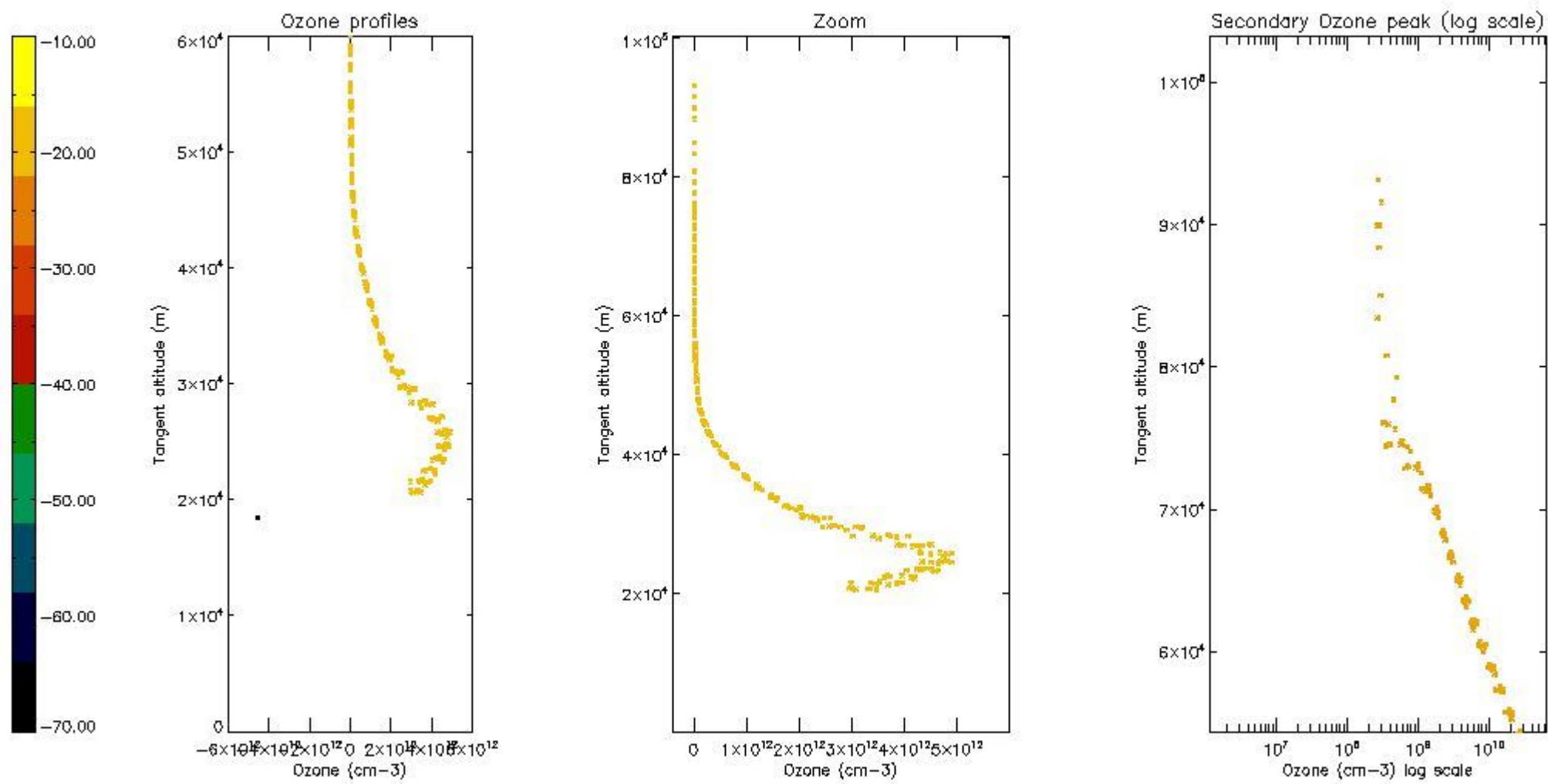
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



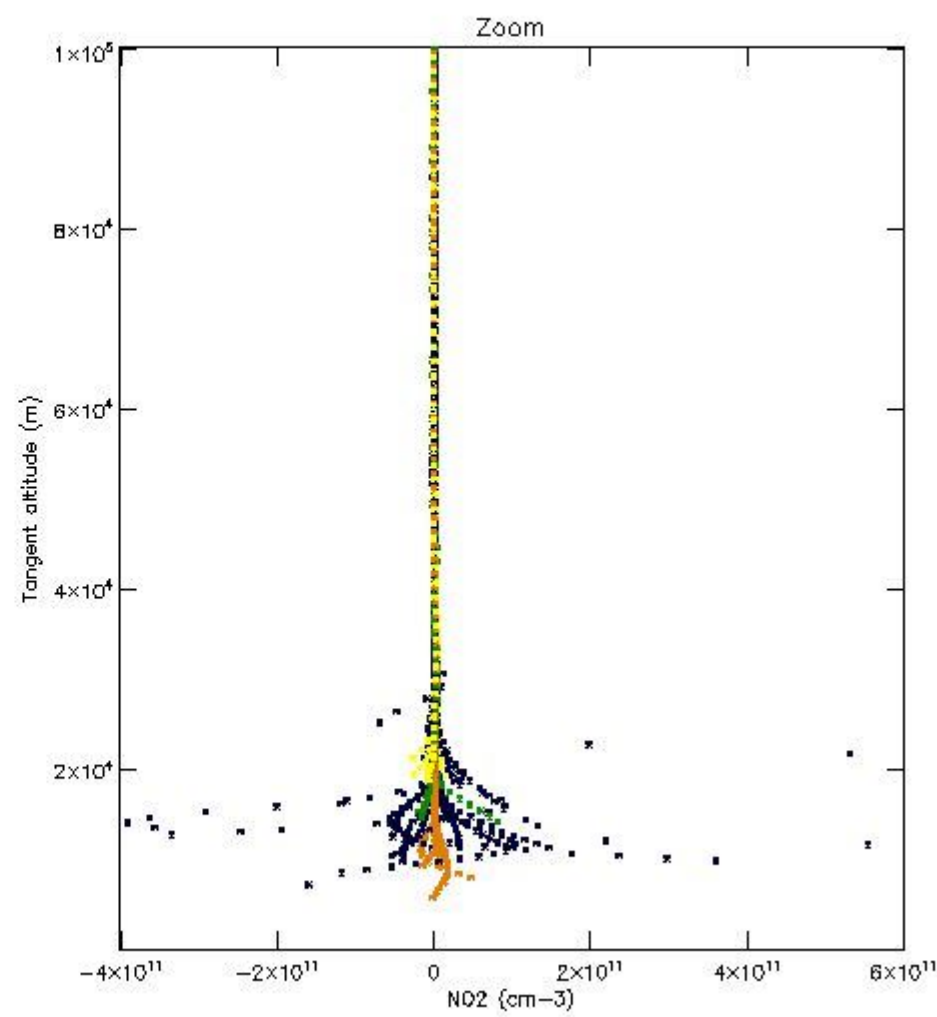
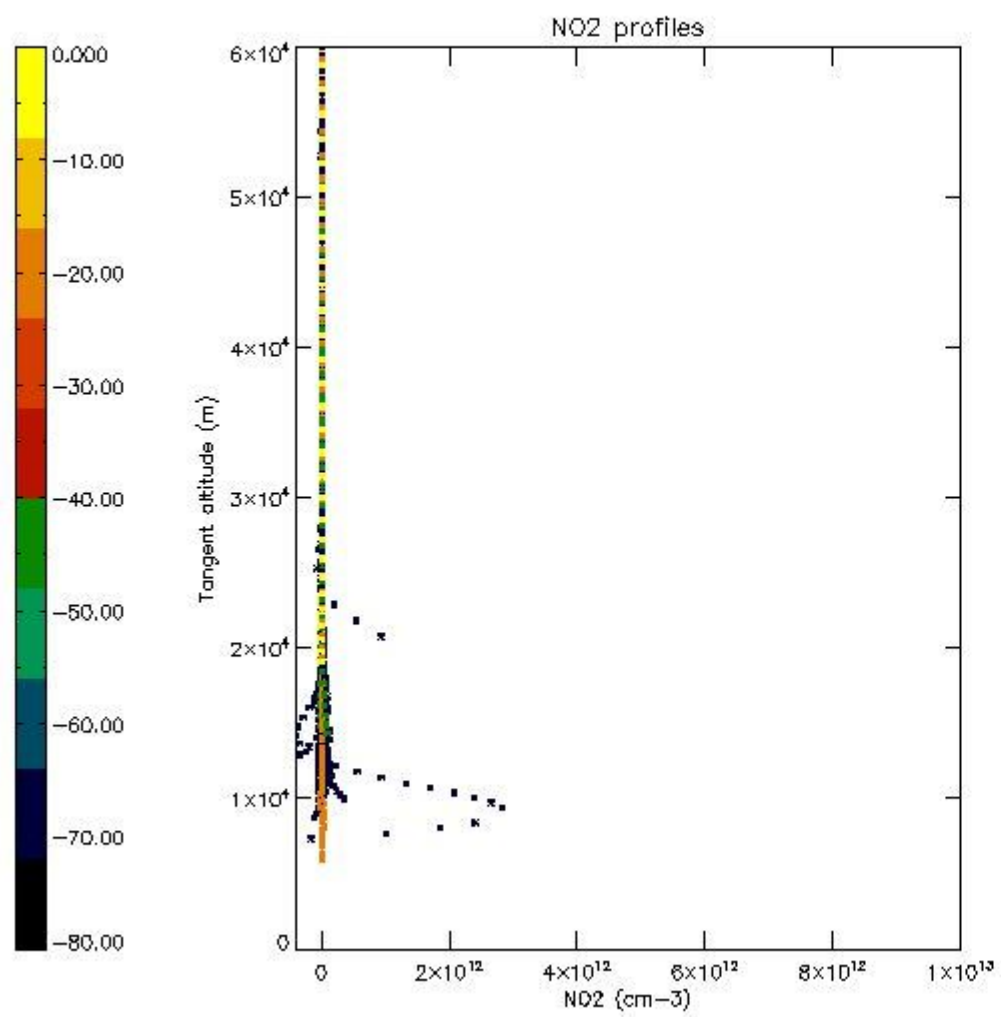
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



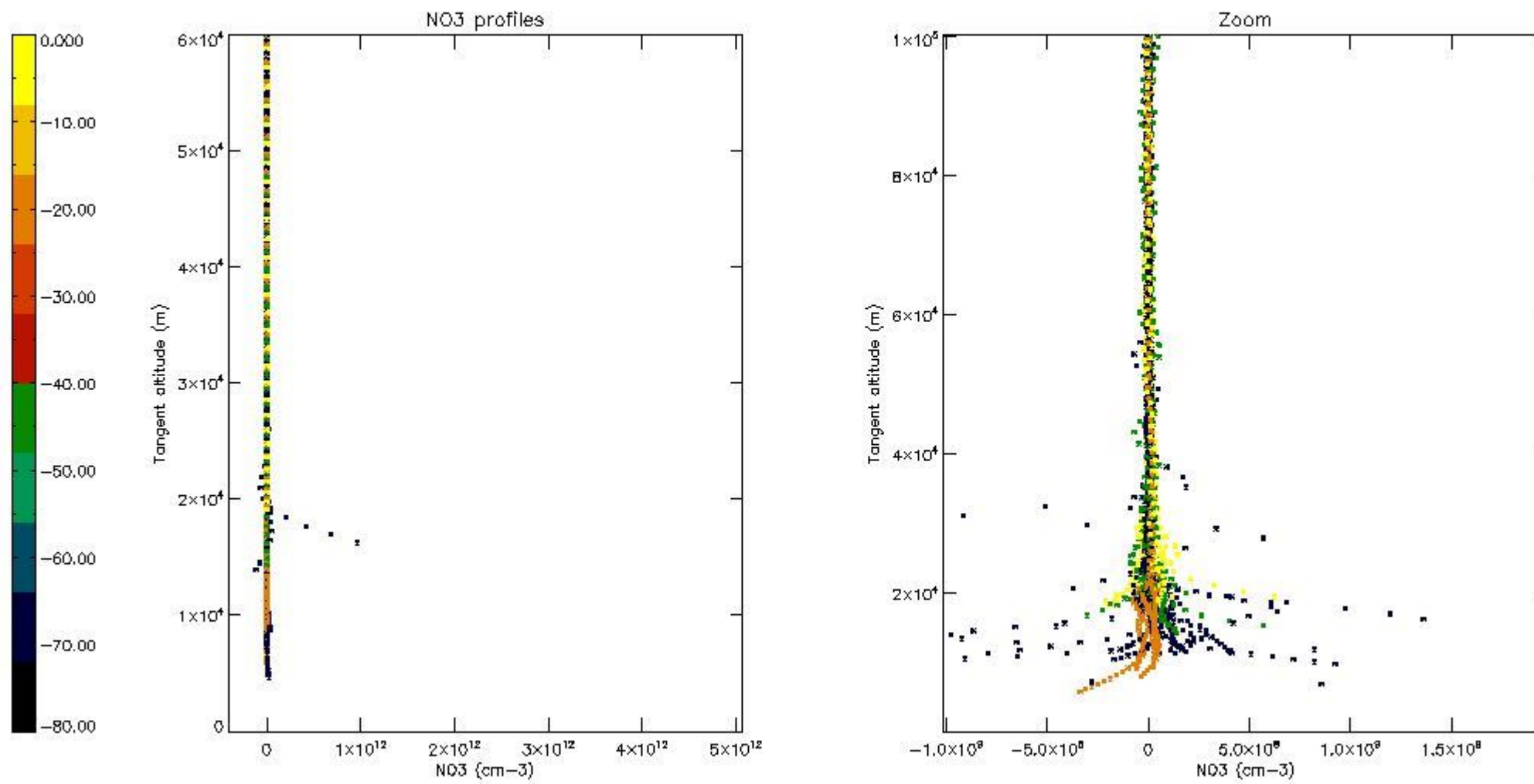
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	01-JUL-2008 09:49:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-JUL-2008 09:49:01
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-JUL-2008 09:49:01

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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[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 16:51:13
Data source version	GOMOS/6.01
Start time of products	01-07-2008 (01JUL2008 00:00:00)
Stop time of products	02-07-2008 (02JUL2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	211
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__2PRFIN20080701_094901_000000372070_00008_33128_3803.N1	01-JUL-2008 09:49:01	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33128	No
2	GOM_NL__2PRFIN20080701_095153_000000412070_00008_33128_3804.N1	01-JUL-2008 09:51:53	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33128	No
3	GOM_NL__2PRFIN20080701_095613_000000402070_00008_33128_3805.N1	01-JUL-2008 09:56:13	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33128	No
4	GOM_NL__2PRFIN20080701_100128_000000372070_00008_33128_3806.N1	01-JUL-2008 10:01:28	Twilight	36.500	147	Alp Ara	2.8770	26000.	73	33128	No
5	GOM_NL__2PRFIN20080701_100317_000000412070_00008_33128_3807.N1	01-JUL-2008 10:03:17	Twilight	41.000	40	The Sco	1.8590	7100.0	82	33128	No
6	GOM_NL__2PRFIN20080701_100456_000000412070_00008_33128_3808.N1	01-JUL-2008 10:04:56	Twilight	40.500	25	35Lam Sco	1.6200	28000.	81	33128	No
7	GOM_NL__2PRFIN20080701_100621_000000472070_00008_33128_3809.N1	01-JUL-2008 10:06:21	Bright	46.500	116	19Del Sgr	2.7000	4100.0	93	33128	No
8	GOM_NL__2PRFIN20080701_101108_000000362070_00008_33128_3810.N1	01-JUL-2008 10:11:08	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	33128	No
9	GOM_NL__2PRFIN20080701_101253_000000342070_00008_33128_3811.N1	01-JUL-2008 10:12:53	Bright	34.000	98	13Zet Oph	2.5710	30000.	68	33128	No
10	GOM_NL__2PRFIN20080701_101645_000000372070_00008_33128_3812.N1	01-JUL-2008 10:16:45	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33128	No
11	GOM_NL__2PRFIN20080701_101905_000000382070_00008_33128_3813.N1	01-JUL-2008 10:19:05	Bright	38.000	59	55Alp Oph	2.0800	8900.0	76	33128	No
12	GOM_NL__2PRFIN20080701_102149_000000342070_00008_33128_3814.N1	01-JUL-2008 10:21:49	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	33128	No
13	GOM_NL__2PRFIN20080701_102432_000000362070_00008_33128_3815.N1	01-JUL-2008 10:24:32	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33128	No
14	GOM_NL__2PRFIN20080701_103031_000000372070_00008_33128_3816.N1	01-JUL-2008 10:30:31	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	33128	No
15	GOM_NL__2PRFIN20080701_103256_000000352070_00008_33128_3817.N1	01-JUL-2008 10:32:56	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	33128	No
16	GOM_NL__2PRFIN20080701_103656_000000352070_00008_33128_3818.N1	01-JUL-2008 10:36:56	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	33128	No
17	GOM_NL__2PRFIN20080701_104109_000000342070_00008_33128_3819.N1	01-JUL-2008 10:41:09	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	33128	No
18	GOM_NL__2PRFIN20080701_105126_000000352070_00008_33128_3820.N1	01-JUL-2008 10:51:26	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	33128	No
19	GOM_NL__2PRFIN20080701_105310_000000342070_00008_33128_3821.N1	01-JUL-2008 10:53:10	Bright	33.500	175	39Del Per	3.0100	19400.	67	33128	No
20	GOM_NL__2PRFIN20080701_105518_000000382070_00008_33128_3822.N1	01-JUL-2008 10:55:18	Bright	37.500	79	26Bet Per	2.3100	13100.	75	33128	No
21	GOM_NL__2PRFIN20080701_110645_000000492070_00008_33128_3823.N1	01-JUL-2008 11:06:45	Dark	49.000	94	92Alp Cet	2.5260	3100.0	98	33128	No
22	GOM_NL__2PRFIN20080701_111027_000000452070_00008_33128_3824.N1	01-JUL-2008 11:10:27	Dark	44.500	165	34Gam Eri	2.9500	3200.0	89	33128	No
23	GOM_NL__2PRFIN20080701_111852_000000392070_00008_33128_3825.N1	01-JUL-2008 11:18:52	Dark	39.000	157	The1Eri	2.9060	9300.0	78	33128	No
24	GOM_NL__2PRFIN20080701_112500_000000512070_00009_33129_3814.N1	01-JUL-2008 11:25:00	Dark	50.500	9	Alp Eri	0.45300	24000.	101	33129	No
25	GOM_NL__2PRFIN20080701_112937_000000382070_00009_33129_3815.N1	01-JUL-2008 11:29:37	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33129	No
26	GOM_NL__2PRFIN20080701_113229_000000412070_00009_33129_3816.N1	01-JUL-2008 11:32:29	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	33129	No
27	GOM_NL__2PRFIN20080701_113650_000000432070_00009_33129_3817.N1	01-JUL-2008 11:36:50	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	33129	No
28	GOM_NL__2PRFIN20080701_114204_000000382070_00009_33129_3818.N1	01-JUL-2008 11:42:04	Twilight	37.500	147	Alp Ara	2.8770	26000.	75	33129	No
29	GOM_NL__2PRFIN20080701_114352_000000422070_00009_33129_3819.N1	01-JUL-2008 11:43:52	Twilight	42.000	40	The Sco	1.8590	7100.0	84	33129	No
30	GOM_NL__2PRFIN20080701_114532_000000392070_00009_33129_3820.N1	01-JUL-2008 11:45:32	Twilight	38.500	25	35Lam Sco	1.6200	28000.	77	33129	No
31	GOM_NL__2PRFIN20080701_114657_000000492070_00009_33129_3821.N1	01-JUL-2008 11:46:57	Bright	49.000	116	19Del Sgr	2.7000	4100.0	98	33129	No
32	GOM_NL__2PRFIN20080701_115143_000000362070_00009_33129_3822.N1	01-JUL-2008 11:51:43	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33129	No
33	GOM_NL__2PRFIN20080701_115329_000000362070_00009_33129_3823.N1	01-JUL-2008 11:53:29	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	33129	No
34	GOM_NL__2PRFIN20080701_115720_000000382070_00009_33129_3824.N1	01-JUL-2008 11:57:20	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33129	No
35	GOM_NL__2PRFIN20080701_115940_000000352070_00009_33129_3825.N1	01-JUL-2008 11:59:40	Bright	35.000	59	55Alp Oph	2.0800	8900.0	70	33129	No
36	GOM_NL__2PRFIN20080701_120224_000000352070_00009_33129_3826.N1	01-JUL-2008 12:02:24	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33129	No
37	GOM_NL__2PRFIN20080701_120507_000000352070_00009_33129_3827.N1	01-JUL-2008 12:05:07	Bright	35.000	133	40Zet Her	2.8070	6000.0	70	33129	No
38	GOM_NL__2PRFIN20080701_121106_000000382070_00009_33129_3828.N1	01-JUL-2008 12:11:06	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	33129	No
39	GOM_NL__2PRFIN20080701_121331_000000352070_00009_33129_3829.N1	01-JUL-2008 12:13:31	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	33129	No
40	GOM_NL__2PRFIN20080701_121732_000000362070_00009_33129_3830.N1	01-JUL-2008 12:17:32	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	33129	No
41	GOM_NL__2PRFIN20080701_122144_000000362070_00009_33129_3831.N1	01-JUL-2008 12:21:44	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	33129	No
42	GOM_NL__2PRFIN20080701_123201_000000362070_00009_33129_3832.N1	01-JUL-2008 12:32:01	Bright	36.000	160	23Gam Per	2.9300	4700.0	72	33129	No

43	GOM_NL__2PRFIN20080701_123345_000000342070_00009_33129_3833.N1	01-JUL-2008 12:33:45	Bright	34.000	175	39Del Per	3.0100	19400.	68	33129	No
44	GOM_NL__2PRFIN20080701_123554_000000402070_00009_33129_3834.N1	01-JUL-2008 12:35:54	Bright	39.500	79	26Bet Per	2.3100	13100.	79	33129	No
45	GOM_NL__2PRFIN20080701_124721_000000482070_00009_33129_3835.N1	01-JUL-2008 12:47:21	Dark	47.500	94	92Alp Cet	2.5260	3100.0	95	33129	No
46	GOM_NL__2PRFIN20080701_125103_000000432070_00009_33129_3836.N1	01-JUL-2008 12:51:03	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	33129	No
47	GOM_NL__2PRFIN20080701_125928_000000402070_00009_33129_3837.N1	01-JUL-2008 12:59:28	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33129	No
48	GOM_NL__2PRFIN20080701_130537_000000482070_00010_33130_3827.N1	01-JUL-2008 13:05:37	Dark	48.000	9	Alp Eri	0.45300	24000.	96	33130	No
49	GOM_NL__2PRFIN20080701_131013_000000362070_00010_33130_3828.N1	01-JUL-2008 13:10:13	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33130	No
50	GOM_NL__2PRFIN20080701_131305_000000432070_00010_33130_3829.N1	01-JUL-2008 13:13:05	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	33130	No
51	GOM_NL__2PRFIN20080701_131726_000000402070_00010_33130_3830.N1	01-JUL-2008 13:17:26	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33130	No
52	GOM_NL__2PRFIN20080701_132240_000000382070_00010_33130_3831.N1	01-JUL-2008 13:22:40	Twi_and_stray	37.500	147	Alp Ara	2.8770	26000.	75	33130	No
53	GOM_NL__2PRFIN20080701_132428_000000432070_00010_33130_3832.N1	01-JUL-2008 13:24:28	Twi_and_stray	43.000	40	The Sco	1.8590	7100.0	86	33130	No
54	GOM_NL__2PRFIN20080701_132608_000000402070_00010_33130_3833.N1	01-JUL-2008 13:26:08	Twi_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	33130	No
55	GOM_NL__2PRFIN20080701_132733_000000432070_00010_33130_3834.N1	01-JUL-2008 13:27:33	Bright	42.500	116	19Del Sgr	2.7000	4100.0	85	33130	No
56	GOM_NL__2PRFIN20080701_133219_000000362070_00010_33130_3835.N1	01-JUL-2008 13:32:19	Bright	35.500	86	35Eta Oph	2.4300	10200.	71	33130	No
57	GOM_NL__2PRFIN20080701_133405_000000372070_00010_33130_3836.N1	01-JUL-2008 13:34:05	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	33130	No
58	GOM_NL__2PRFIN20080701_133756_000000382070_00010_33130_3837.N1	01-JUL-2008 13:37:56	Bright	37.500	126	60Bet Oph	2.7700	4250.0	75	33130	No
59	GOM_NL__2PRFIN20080701_134016_000000362070_00010_33130_3838.N1	01-JUL-2008 13:40:16	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33130	No
60	GOM_NL__2PRFIN20080701_134300_000000352070_00010_33130_3839.N1	01-JUL-2008 13:43:00	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	33130	No
61	GOM_NL__2PRFIN20080701_134543_000000362070_00010_33130_3840.N1	01-JUL-2008 13:45:43	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33130	No
62	GOM_NL__2PRFIN20080701_135142_000000382070_00010_33130_3841.N1	01-JUL-2008 13:51:42	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	33130	No
63	GOM_NL__2PRFIN20080701_135407_000000372070_00010_33130_3842.N1	01-JUL-2008 13:54:07	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33130	No
64	GOM_NL__2PRFIN20080701_135808_000000332070_00010_33130_3843.N1	01-JUL-2008 13:58:08	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	33130	No
65	GOM_NL__2PRFIN20080701_140220_000000332070_00010_33130_3844.N1	01-JUL-2008 14:02:20	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	33130	No
66	GOM_NL__2PRFIN20080701_141237_000000372070_00010_33130_3845.N1	01-JUL-2008 14:12:37	Bright	37.000	160	23Gam Per	2.9300	4700.0	74	33130	No
67	GOM_NL__2PRFIN20080701_141421_000000342070_00010_33130_3846.N1	01-JUL-2008 14:14:21	Bright	33.500	175	39Del Per	3.0100	19400.	67	33130	No
68	GOM_NL__2PRFIN20080701_141630_000000432070_00010_33130_3847.N1	01-JUL-2008 14:16:30	Bright	42.500	79	26Bet Per	2.3100	13100.	85	33130	No
69	GOM_NL__2PRFIN20080701_142116_000000402070_00010_33130_3848.N1	01-JUL-2008 14:21:16	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33130	No
70	GOM_NL__2PRFIN20080701_142757_000000582070_00010_33130_3849.N1	01-JUL-2008 14:27:57	Dark	58.000	94	92Alp Cet	2.5260	3100.0	116	33130	No
71	GOM_NL__2PRFIN20080701_143139_000000422070_00010_33130_3850.N1	01-JUL-2008 14:31:39	Dark	42.000	165	34Gam Eri	2.9500	3200.0	84	33130	No
72	GOM_NL__2PRFIN20080701_144005_000000402070_00010_33130_3851.N1	01-JUL-2008 14:40:05	Dark	39.500	157	The1Eri	2.9060	9300.0	79	33130	No
73	GOM_NL__2PRFIN20080701_144613_000000402070_00011_33131_3899.N1	01-JUL-2008 14:46:13	Dark	40.000	9	Alp Eri	0.45300	24000.	80	33131	No
74	GOM_NL__2PRFIN20080701_145049_000000362070_00011_33131_3900.N1	01-JUL-2008 14:50:49	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	33131	No
75	GOM_NL__2PRFIN20080701_145342_000000432070_00011_33131_3901.N1	01-JUL-2008 14:53:42	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	33131	No
76	GOM_NL__2PRFIN20080701_145802_000000402070_00011_33131_3902.N1	01-JUL-2008 14:58:02	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33131	No
77	GOM_NL__2PRFIN20080701_150316_000000382070_00011_33131_3903.N1	01-JUL-2008 15:03:16	Twi_and_stray	37.500	147	Alp Ara	2.8770	26000.	75	33131	No
78	GOM_NL__2PRFIN20080701_150504_000000402070_00011_33131_3904.N1	01-JUL-2008 15:05:04	Twi_and_stray	40.000	40	The Sco	1.8590	7100.0	80	33131	No
79	GOM_NL__2PRFIN20080701_150644_000000372070_00011_33131_3905.N1	01-JUL-2008 15:06:44	Twi_and_stray	37.000	25	35Lam Sco	1.6200	28000.	74	33131	No
80	GOM_NL__2PRFIN20080701_150809_000000472070_00011_33131_3906.N1	01-JUL-2008 15:08:09	Bright	46.500	116	19Del Sgr	2.7000	4100.0	93	33131	No
81	GOM_NL__2PRFIN20080701_151255_000000352070_00011_33131_3907.N1	01-JUL-2008 15:12:55	Bright	35.000	86	35Eta Oph	2.4300	10200.	70	33131	No
82	GOM_NL__2PRFIN20080701_151441_000000352070_00011_33131_3908.N1	01-JUL-2008 15:14:41	Bright	34.500	98	13Zet Oph	2.5710	30000.	69	33131	No
83	GOM_NL__2PRFIN20080701_151832_000000382070_00011_33131_3909.N1	01-JUL-2008 15:18:32	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	33131	No
84	GOM_NL__2PRFIN20080701_152052_000000382070_00011_33131_3910.N1	01-JUL-2008 15:20:52	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33131	No
85	GOM_NL__2PRFIN20080701_152336_000000372070_00011_33131_3911.N1	01-JUL-2008 15:23:36	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33131	No
86	GOM_NL__2PRFIN20080701_152619_000000342070_00011_33131_3912.N1	01-JUL-2008 15:26:19	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33131	No
87	GOM_NL__2PRFIN20080701_153217_000000392070_00011_33131_3913.N1	01-JUL-2008 15:32:17	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	33131	No
88	GOM_NL__2PRFIN20080701_153443_000000372070_00011_33131_3914.N1	01-JUL-2008 15:34:43	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33131	No
89	GOM_NL__2PRFIN20080701_153844_000000332070_00011_33131_3915.N1	01-JUL-2008 15:38:44	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	33131	No
90	GOM_NL__2PRFIN20080701_154256_000000372070_00011_33131_3916.N1	01-JUL-2008 15:42:56	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33131	No
91	GOM_NL__2PRFIN20080701_155312_000000412070_00011_33131_3917.N1	01-JUL-2008 15:53:12	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	33131	No
92	GOM_NL__2PRFIN20080701_155457_000000382070_00011_33131_3918.N1	01-JUL-2008 15:54:57	Bright	38.000	175	39Del Per	3.0100	19400.	76	33131	No
93	GOM_NL__2PRFIN20080701_155706_000000402070_00011_33131_3919.N1	01-JUL-2008 15:57:06	Bright	40.000	79	26Bet Per	2.3100	13100.	80	33131	No
94	GOM_NL__2PRFIN20080701_160152_000000402070_00011_33131_3920.N1	01-JUL-2008 16:01:52	Twilight	40.000	146	25Eta Tau	2.8730	15200.	80	33131	No
95	GOM_NL__2PRFIN20080701_160834_000000492070_00011_33131_3921.N1	01-JUL-2008 16:08:34	Dark	49.000	94	92Alp Cet	2.5260	3100.0	98	33131	No
96	GOM_NL__2PRFIN20080701_161215_000000432070_00011_33131_3922.N1	01-JUL-2008 16:12:15	Dark	42.500	165	34Gam Eri	2.9500	3200.0	85	33131	No
97	GOM_NL__2PRFIN20080701_162041_000000392070_00011_33131_3923.N1	01-JUL-2008 16:20:41	Dark	38.500	157	The1Eri	2.9060	9300.0	77	33131	No
98	GOM_NL__2PRFIN20080701_162649_000000472070_00012_33132_3913.N1	01-JUL-2008 16:26:49	Dark	47.000	9	Alp Eri	0.45300	24000.	94	33132	No
99	GOM_NL__2PRFIN20080701_163125_000000362070_00012_33132_3914.N1	01-JUL-2008 16:31:25	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	33132	No
100	GOM_NL__2PRFIN20080701_163418_000000402070_00012_33132_3915.N1	01-JUL-2008 16:34:18	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	33132	No
101	GOM_NL__2PRFIN20080701_163839_000000412070_00012_33132_3916.N1	01-JUL-2008 16:38:39	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	33132	No

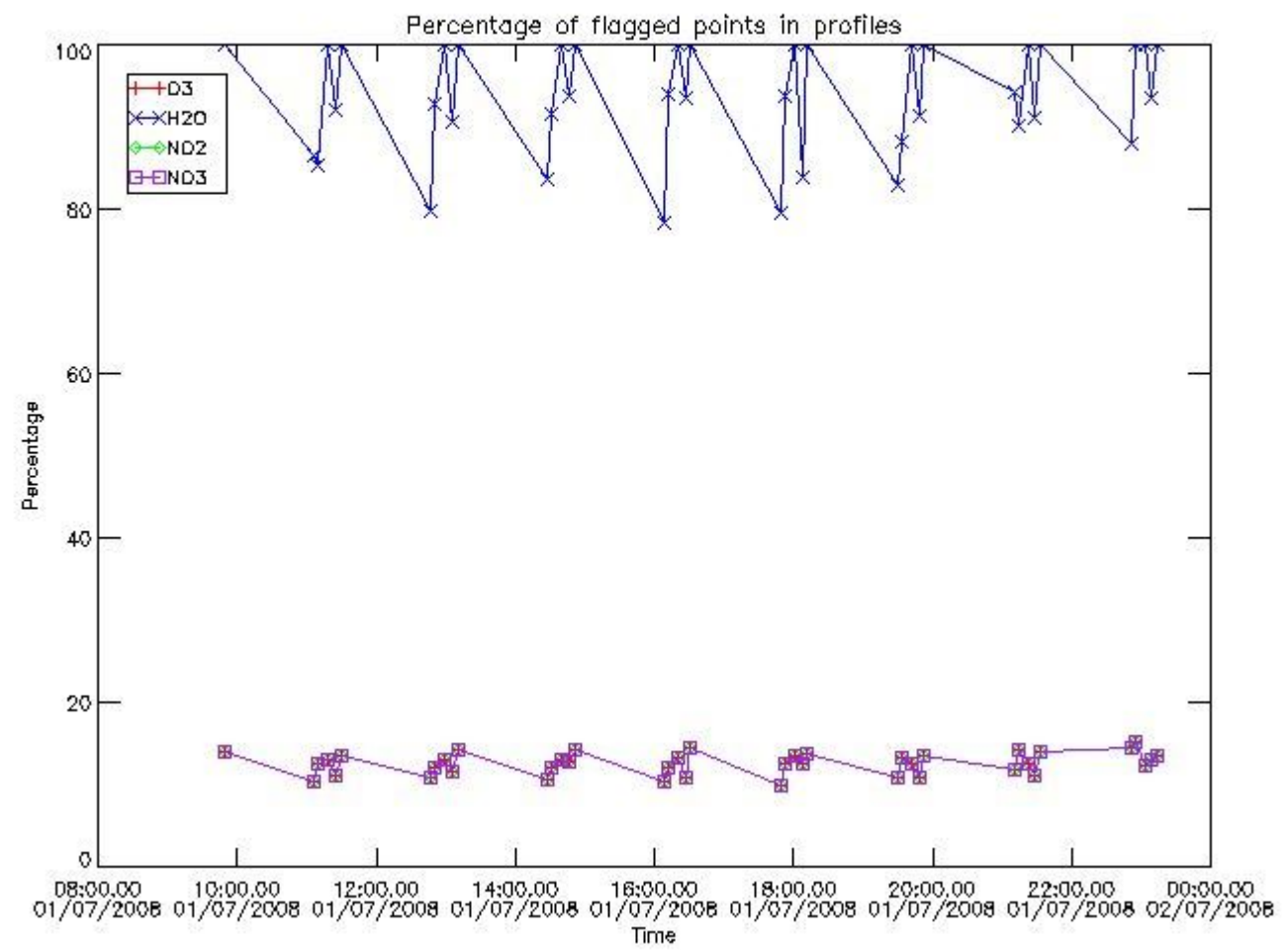
102	GOM_NL__2PRFIN20080701_164352_000000372070_00012_33132_3917.N1	01-JUL-2008 16:43:52	Twilight	37.000	147	Alp Ara	2.8770	26000.	74	33132	No
103	GOM_NL__2PRFIN20080701_164540_000000382070_00012_33132_3918.N1	01-JUL-2008 16:45:40	Twilight	37.500	40	The Sco	1.8590	7100.0	75	33132	No
104	GOM_NL__2PRFIN20080701_164720_000000392070_00012_33132_3919.N1	01-JUL-2008 16:47:20	Twilight	39.000	25	35Lam Sco	1.6200	28000.	78	33132	No
105	GOM_NL__2PRFIN20080701_164845_000000482070_00012_33132_3920.N1	01-JUL-2008 16:48:45	Bright	47.500	116	19Del Sgr	2.7000	4100.0	95	33132	No
106	GOM_NL__2PRFIN20080701_165331_000000362070_00012_33132_3921.N1	01-JUL-2008 16:53:31	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33132	No
107	GOM_NL__2PRFIN20080701_165517_000000362070_00012_33132_3922.N1	01-JUL-2008 16:55:17	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	33132	No
108	GOM_NL__2PRFIN20080701_165908_000000382070_00012_33132_3923.N1	01-JUL-2008 16:59:08	Bright	38.000	126	60Bet Oph	2.7700	4250.0	76	33132	No
109	GOM_NL__2PRFIN20080701_170128_000000392070_00012_33132_3924.N1	01-JUL-2008 17:01:28	Bright	38.500	59	55Alp Oph	2.0800	8900.0	77	33132	No
110	GOM_NL__2PRFIN20080701_170412_000000372070_00012_33132_3925.N1	01-JUL-2008 17:04:12	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33132	No
111	GOM_NL__2PRFIN20080701_170655_000000522070_00012_33132_3926.N1	01-JUL-2008 17:06:55	Bright	52.000	133	40Zet Her	2.8070	6000.0	104	33132	No
112	GOM_NL__2PRFIN20080701_171253_000000372070_00012_33132_3927.N1	01-JUL-2008 17:12:53	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33132	No
113	GOM_NL__2PRFIN20080701_171519_000000372070_00012_33132_3928.N1	01-JUL-2008 17:15:19	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33132	No
114	GOM_NL__2PRFIN20080701_171920_000000322070_00012_33132_3929.N1	01-JUL-2008 17:19:20	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	33132	No
115	GOM_NL__2PRFIN20080701_172332_000000352070_00012_33132_3930.N1	01-JUL-2008 17:23:32	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	33132	No
116	GOM_NL__2PRFIN20080701_173348_000000382070_00012_33132_3931.N1	01-JUL-2008 17:33:48	Bright	37.500	160	23Gam Per	2.9300	4700.0	75	33132	No
117	GOM_NL__2PRFIN20080701_173533_000000342070_00012_33132_3932.N1	01-JUL-2008 17:35:33	Bright	34.000	175	39Del Per	3.0100	19400.	68	33132	No
118	GOM_NL__2PRFIN20080701_173742_000000412070_00012_33132_3933.N1	01-JUL-2008 17:37:42	Bright	40.500	79	26Bet Per	2.3100	13100.	81	33132	No
119	GOM_NL__2PRFIN20080701_174228_000000412070_00012_33132_3934.N1	01-JUL-2008 17:42:28	Twilight	41.000	146	25Eta Tau	2.8730	15200.	82	33132	No
120	GOM_NL__2PRFIN20080701_174910_000000522070_00012_33132_3935.N1	01-JUL-2008 17:49:10	Dark	52.000	94	92Alp Cet	2.5260	3100.0	104	33132	No
121	GOM_NL__2PRFIN20080701_175252_000000412070_00012_33132_3936.N1	01-JUL-2008 17:52:52	Dark	40.500	165	34Gam Eri	2.9500	3200.0	81	33132	No
122	GOM_NL__2PRFIN20080701_180118_000000382070_00012_33132_3937.N1	01-JUL-2008 18:01:18	Dark	37.500	157	The1Eri	2.9060	9300.0	75	33132	No
123	GOM_NL__2PRFIN20080701_180726_000000412070_00013_33133_3929.N1	01-JUL-2008 18:07:26	Dark	40.500	9	Alp Eri	0.45300	24000.	81	33133	No
124	GOM_NL__2PRFIN20080701_181202_000000372070_00013_33133_3930.N1	01-JUL-2008 18:12:02	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	33133	No
125	GOM_NL__2PRFIN20080701_181455_000000402070_00013_33133_3931.N1	01-JUL-2008 18:14:55	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	33133	No
126	GOM_NL__2PRFIN20080701_181915_000000402070_00013_33133_3932.N1	01-JUL-2008 18:19:15	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	33133	No
127	GOM_NL__2PRFIN20080701_182428_000000372070_00013_33133_3933.N1	01-JUL-2008 18:24:28	Twilight	36.500	147	Alp Ara	2.8770	26000.	73	33133	No
128	GOM_NL__2PRFIN20080701_182617_000000432070_00013_33133_3934.N1	01-JUL-2008 18:26:17	Twilight	42.500	40	The Sco	1.8590	7100.0	85	33133	No
129	GOM_NL__2PRFIN20080701_182756_000000422070_00013_33133_3935.N1	01-JUL-2008 18:27:56	Twilight	41.500	25	35Lam Sco	1.6200	28000.	83	33133	No
130	GOM_NL__2PRFIN20080701_182922_000000552070_00013_33133_3936.N1	01-JUL-2008 18:29:22	Bright	55.000	116	19Del Sgr	2.7000	4100.0	110	33133	No
131	GOM_NL__2PRFIN20080701_183407_000000372070_00013_33133_3937.N1	01-JUL-2008 18:34:07	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33133	No
132	GOM_NL__2PRFIN20080701_183553_000000362070_00013_33133_3938.N1	01-JUL-2008 18:35:53	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	33133	No
133	GOM_NL__2PRFIN20080701_183944_000000372070_00013_33133_3939.N1	01-JUL-2008 18:39:44	Bright	37.000	126	60Bet Oph	2.7700	4250.0	74	33133	No
134	GOM_NL__2PRFIN20080701_184204_000000372070_00013_33133_3940.N1	01-JUL-2008 18:42:04	Bright	37.000	59	55Alp Oph	2.0800	8900.0	74	33133	No
135	GOM_NL__2PRFIN20080701_184448_000000372070_00013_33133_3941.N1	01-JUL-2008 18:44:48	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33133	No
136	GOM_NL__2PRFIN20080701_184732_000000362070_00013_33133_3942.N1	01-JUL-2008 18:47:32	Bright	36.000	133	40Zet Her	2.8070	6000.0	72	33133	No
137	GOM_NL__2PRFIN20080701_185329_000000382070_00013_33133_3943.N1	01-JUL-2008 18:53:29	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	33133	No
138	GOM_NL__2PRFIN20080701_185555_000000372070_00013_33133_3944.N1	01-JUL-2008 18:55:55	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33133	No
139	GOM_NL__2PRFIN20080701_185956_000000372070_00013_33133_3945.N1	01-JUL-2008 18:59:56	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	33133	No
140	GOM_NL__2PRFIN20080701_190408_000000372070_00013_33133_3946.N1	01-JUL-2008 19:04:08	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	33133	No
141	GOM_NL__2PRFIN20080701_191424_000000452070_00013_33133_3947.N1	01-JUL-2008 19:14:24	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	33133	No
142	GOM_NL__2PRFIN20080701_191609_000000542070_00013_33133_3948.N1	01-JUL-2008 19:16:09	Bright	54.000	175	39Del Per	3.0100	19400.	108	33133	No
143	GOM_NL__2PRFIN20080701_191818_000000402070_00013_33133_3949.N1	01-JUL-2008 19:18:18	Bright	39.500	79	26Bet Per	2.3100	13100.	79	33133	No
144	GOM_NL__2PRFIN20080701_192304_000000412070_00013_33133_3950.N1	01-JUL-2008 19:23:04	Twilight	41.000	146	25Eta Tau	2.8730	15200.	82	33133	No
145	GOM_NL__2PRFIN20080701_192947_000000482070_00013_33133_3951.N1	01-JUL-2008 19:29:47	Dark	47.500	94	92Alp Cet	2.5260	3100.0	95	33133	No
146	GOM_NL__2PRFIN20080701_193328_000000392070_00013_33133_3952.N1	01-JUL-2008 19:33:28	Dark	38.500	165	34Gam Eri	2.9500	3200.0	77	33133	No
147	GOM_NL__2PRFIN20080701_194154_000000412070_00013_33133_3953.N1	01-JUL-2008 19:41:54	Dark	41.000	157	The1Eri	2.9060	9300.0	82	33133	No
148	GOM_NL__2PRFIN20080701_194802_000000472070_00014_33134_3945.N1	01-JUL-2008 19:48:02	Dark	47.000	9	Alp Eri	0.45300	24000.	94	33134	No
149	GOM_NL__2PRFIN20080701_195238_000000382070_00014_33134_3946.N1	01-JUL-2008 19:52:38	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33134	No
150	GOM_NL__2PRFIN20080701_195531_000000422070_00014_33134_3947.N1	01-JUL-2008 19:55:31	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	33134	No
151	GOM_NL__2PRFIN20080701_195952_000000402070_00014_33134_3948.N1	01-JUL-2008 19:59:52	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33134	No
152	GOM_NL__2PRFIN20080701_200504_000000392070_00014_33134_3949.N1	01-JUL-2008 20:05:04	Twilight	38.500	147	Alp Ara	2.8770	26000.	77	33134	No
153	GOM_NL__2PRFIN20080701_200653_000000412070_00014_33134_3950.N1	01-JUL-2008 20:06:53	Twilight	41.000	40	The Sco	1.8590	7100.0	82	33134	No
154	GOM_NL__2PRFIN20080701_200833_000000412070_00014_33134_3951.N1	01-JUL-2008 20:08:33	Twilight	40.500	25	35Lam Sco	1.6200	28000.	81	33134	No
155	GOM_NL__2PRFIN20080701_200958_000000432070_00014_33134_3952.N1	01-JUL-2008 20:09:58	Bright	42.500	116	19Del Sgr	2.7000	4100.0	85	33134	No
156	GOM_NL__2PRFIN20080701_201444_000000372070_00014_33134_3953.N1	01-JUL-2008 20:14:44	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33134	No
157	GOM_NL__2PRFIN20080701_201629_000000252070_00014_33134_3954.N1	01-JUL-2008 20:16:29	Twilight	25.000	98	13Zet Oph	2.5710	30000.	50	33134	No
158	GOM_NL__2PRFIN20080701_202020_000000362070_00014_33134_3955.N1	01-JUL-2008 20:20:20	Bright	36.000	126	60Bet Oph	2.7700	4250.0	72	33134	No
159	GOM_NL__2PRFIN20080701_202240_000000382070_00014_33134_3956.N1	01-JUL-2008 20:22:40	Bright	37.500	59	55Alp Oph	2.0800	8900.0	75	33134	No
160	GOM_NL__2PRFIN20080701_202524_000000352070_00014_33134_3957.N1	01-JUL-2008 20:25:24	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	33134	No

161	GOM_NL__2PRFIN20080701_202808_000000372070_00014_33134_3958.N1	01-JUL-2008 20:28:08	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	33134	No
162	GOM_NL__2PRFIN20080701_203405_000000372070_00014_33134_3959.N1	01-JUL-2008 20:34:05	Bright	36.500	130	23Bet Dra	2.7990	5800.0	73	33134	No
163	GOM_NL__2PRFIN20080701_203631_000000372070_00014_33134_3960.N1	01-JUL-2008 20:36:31	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33134	No
164	GOM_NL__2PRFIN20080701_204032_000000362070_00014_33134_3961.N1	01-JUL-2008 20:40:32	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	33134	No
165	GOM_NL__2PRFIN20080701_204444_000000372070_00014_33134_3962.N1	01-JUL-2008 20:44:44	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	33134	No
166	GOM_NL__2PRFIN20080701_205500_000000362070_00014_33134_3963.N1	01-JUL-2008 20:55:00	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	33134	No
167	GOM_NL__2PRFIN20080701_205645_000000362070_00014_33134_3964.N1	01-JUL-2008 20:56:45	Bright	36.000	175	39Del Per	3.0100	19400.	72	33134	No
168	GOM_NL__2PRFIN20080701_205854_000000392070_00014_33134_3965.N1	01-JUL-2008 20:58:54	Bright	39.000	79	26Bet Per	2.3100	13100.	78	33134	No
169	GOM_NL__2PRFIN20080701_210340_000000402070_00014_33134_3966.N1	01-JUL-2008 21:03:40	Twilight	39.500	146	25Eta Tau	2.8730	15200.	79	33134	No
170	GOM_NL__2PRFIN20080701_211023_000000432070_00014_33134_3967.N1	01-JUL-2008 21:10:23	Dark	43.000	94	92Alp Cet	2.5260	3100.0	86	33134	No
171	GOM_NL__2PRFIN20080701_211404_000000362070_00014_33134_3968.N1	01-JUL-2008 21:14:04	Dark	36.000	165	34Gam Eri	2.9500	3200.0	72	33134	No
172	GOM_NL__2PRFIN20080701_212231_000000412070_00014_33134_3969.N1	01-JUL-2008 21:22:31	Dark	40.500	157	The1Eri	2.9060	9300.0	81	33134	No
173	GOM_NL__2PRFIN20080701_212839_000000462070_00015_33135_3957.N1	01-JUL-2008 21:28:39	Dark	45.500	9	Alp Eri	0.45300	24000.	91	33135	No
174	GOM_NL__2PRFIN20080701_213314_000000372070_00015_33135_3958.N1	01-JUL-2008 21:33:14	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	33135	No
175	GOM_NL__2PRFIN20080701_213608_000000412070_00015_33135_3959.N1	01-JUL-2008 21:36:08	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33135	No
176	GOM_NL__2PRFIN20080701_214028_000000412070_00015_33135_3960.N1	01-JUL-2008 21:40:28	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	33135	No
177	GOM_NL__2PRFIN20080701_214540_000000372070_00015_33135_3961.N1	01-JUL-2008 21:45:40	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33135	No
178	GOM_NL__2PRFIN20080701_214729_000000422070_00015_33135_3962.N1	01-JUL-2008 21:47:29	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	33135	No
179	GOM_NL__2PRFIN20080701_214909_000000402070_00015_33135_3963.N1	01-JUL-2008 21:49:09	Twi_and_stray	39.500	25	35Lam Sco	1.6200	28000.	79	33135	No
180	GOM_NL__2PRFIN20080701_215034_000000552070_00015_33135_3964.N1	01-JUL-2008 21:50:34	Bright	55.000	116	19Del Sgr	2.7000	4100.0	110	33135	No
181	GOM_NL__2PRFIN20080701_215520_000000372070_00015_33135_3965.N1	01-JUL-2008 21:55:20	Bright	36.500	86	35Eta Oph	2.4300	10200.	73	33135	No
182	GOM_NL__2PRFIN20080701_220056_000000372070_00015_33135_3966.N1	01-JUL-2008 22:00:56	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33135	No
183	GOM_NL__2PRFIN20080701_220315_000000362070_00015_33135_3967.N1	01-JUL-2008 22:03:15	Bright	36.000	59	55Alp Oph	2.0800	8900.0	72	33135	No
184	GOM_NL__2PRFIN20080701_220600_000000372070_00015_33135_3968.N1	01-JUL-2008 22:06:00	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	33135	No
185	GOM_NL__2PRFIN20080701_220843_000000342070_00015_33135_3969.N1	01-JUL-2008 22:08:43	Bright	34.000	133	40Zet Her	2.8070	6000.0	68	33135	No
186	GOM_NL__2PRFIN20080701_221441_000000372070_00015_33135_3970.N1	01-JUL-2008 22:14:41	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	33135	No
187	GOM_NL__2PRFIN20080701_221707_000000372070_00015_33135_3971.N1	01-JUL-2008 22:17:07	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	33135	No
188	GOM_NL__2PRFIN20080701_222108_000000352070_00015_33135_3972.N1	01-JUL-2008 22:21:08	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	33135	No
189	GOM_NL__2PRFIN20080701_222519_000000362070_00015_33135_3973.N1	01-JUL-2008 22:25:19	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	33135	No
190	GOM_NL__2PRFIN20080701_223536_000000422070_00015_33135_3974.N1	01-JUL-2008 22:35:36	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	33135	No
191	GOM_NL__2PRFIN20080701_223721_000000342070_00015_33135_3975.N1	01-JUL-2008 22:37:21	Bright	33.500	175	39Del Per	3.0100	19400.	67	33135	No
192	GOM_NL__2PRFIN20080701_223929_000000392070_00015_33135_3976.N1	01-JUL-2008 22:39:29	Bright	38.500	79	26Bet Per	2.3100	13100.	77	33135	No
193	GOM_NL__2PRFIN20080701_224416_000000412070_00015_33135_3977.N1	01-JUL-2008 22:44:16	Twilight	41.000	146	25Eta Tau	2.8730	15200.	82	33135	No
194	GOM_NL__2PRFIN20080701_225059_000000422070_00015_33135_3978.N1	01-JUL-2008 22:50:59	Dark	42.000	94	92Alp Cet	2.5260	3100.0	84	33135	No
195	GOM_NL__2PRFIN20080701_225440_000000402070_00015_33135_3979.N1	01-JUL-2008 22:54:40	Dark	40.000	165	34Gam Eri	2.9500	3200.0	80	33135	No
196	GOM_NL__2PRFIN20080701_230307_000000422070_00015_33135_3980.N1	01-JUL-2008 23:03:07	Dark	41.500	157	The1Eri	2.9060	9300.0	83	33135	No
197	GOM_NL__2PRFIN20080701_230915_000000392070_00016_33136_3980.N1	01-JUL-2008 23:09:15	Dark	39.000	9	Alp Eri	0.45300	24000.	78	33136	No
198	GOM_NL__2PRFIN20080701_231350_000000382070_00016_33136_3981.N1	01-JUL-2008 23:13:50	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	33136	No
199	GOM_NL__2PRFIN20080701_231644_000000412070_00016_33136_3982.N1	01-JUL-2008 23:16:44	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	33136	No
200	GOM_NL__2PRFIN20080701_232104_000000402070_00016_33136_3983.N1	01-JUL-2008 23:21:04	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	33136	No
201	GOM_NL__2PRFIN20080701_232616_000000372070_00016_33136_3984.N1	01-JUL-2008 23:26:16	Twi_and_stray	37.000	147	Alp Ara	2.8770	26000.	74	33136	No
202	GOM_NL__2PRFIN20080701_232805_000000412070_00016_33136_3985.N1	01-JUL-2008 23:28:05	Twi_and_stray	40.500	40	The Sco	1.8590	7100.0	81	33136	No
203	GOM_NL__2PRFIN20080701_232945_000000432070_00016_33136_3986.N1	01-JUL-2008 23:29:45	Twi_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	33136	No
204	GOM_NL__2PRFIN20080701_233110_000000452070_00016_33136_3987.N1	01-JUL-2008 23:31:10	Bright	45.000	116	19Del Sgr	2.7000	4100.0	90	33136	No
205	GOM_NL__2PRFIN20080701_233556_000000362070_00016_33136_3988.N1	01-JUL-2008 23:35:56	Bright	36.000	86	35Eta Oph	2.4300	10200.	72	33136	No
206	GOM_NL__2PRFIN20080701_234132_000000372070_00016_33136_3989.N1	01-JUL-2008 23:41:32	Bright	36.500	126	60Bet Oph	2.7700	4250.0	73	33136	No
207	GOM_NL__2PRFIN20080701_234351_000000362070_00016_33136_3990.N1	01-JUL-2008 23:43:51	Bright	35.500	59	55Alp Oph	2.0800	8900.0	71	33136	No
208	GOM_NL__2PRFIN20080701_234636_000000342070_00016_33136_3991.N1	01-JUL-2008 23:46:36	Bright	33.500	127	27Bet Her	2.7810	4700.0	67	33136	No
209	GOM_NL__2PRFIN20080701_234919_000000442070_00016_33136_3992.N1	01-JUL-2008 23:49:19	Bright	43.500	133	40Zet Her	2.8070	6000.0	87	33136	No
210	GOM_NL__2PRFIN20080701_235516_000000392070_00016_33136_3993.N1	01-JUL-2008 23:55:16	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	33136	No
211	GOM_NL__2PRFIN20080701_235743_000000322070_00016_33136_3994.N1	01-JUL-2008 23:57:43	Bright	32.000	119	14Eta Dra	2.7270	4700.0	64	33136	No

3. Quality information per product

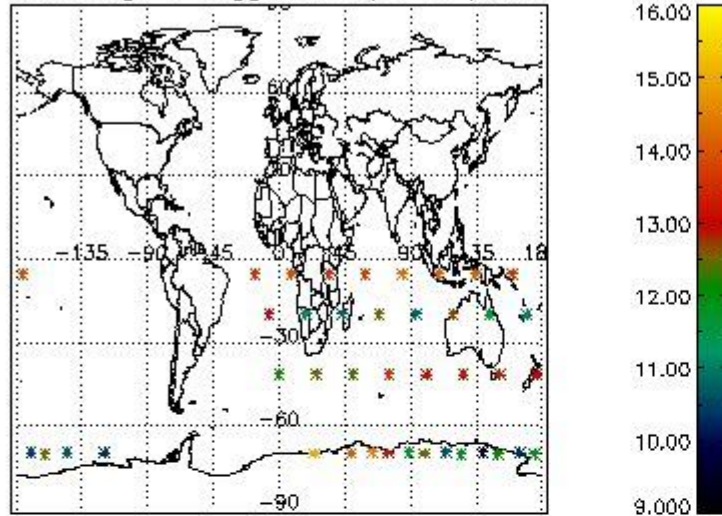
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

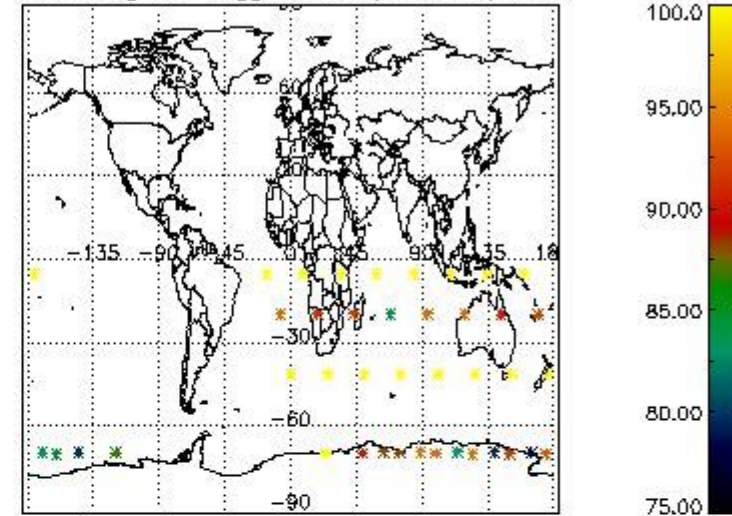


3.2 Plot quality information per product (world map)

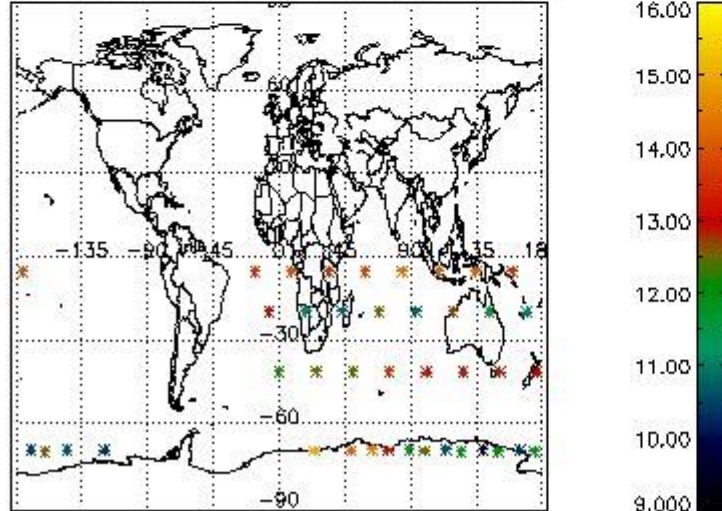
Percentage of flagged data per O3 profile



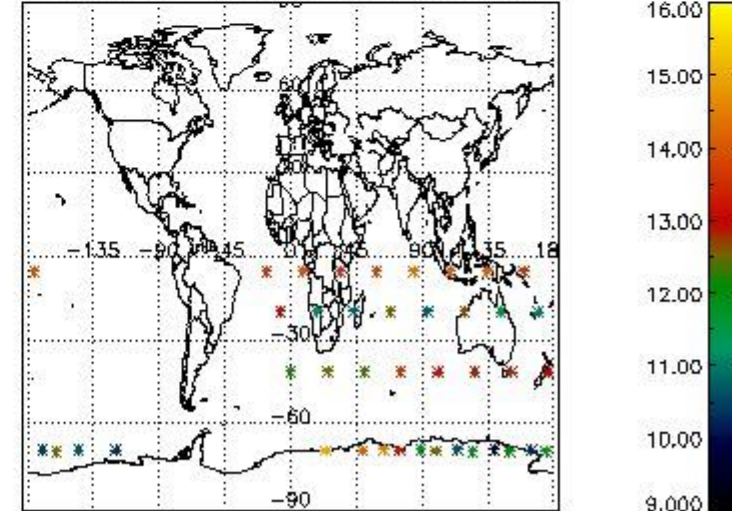
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

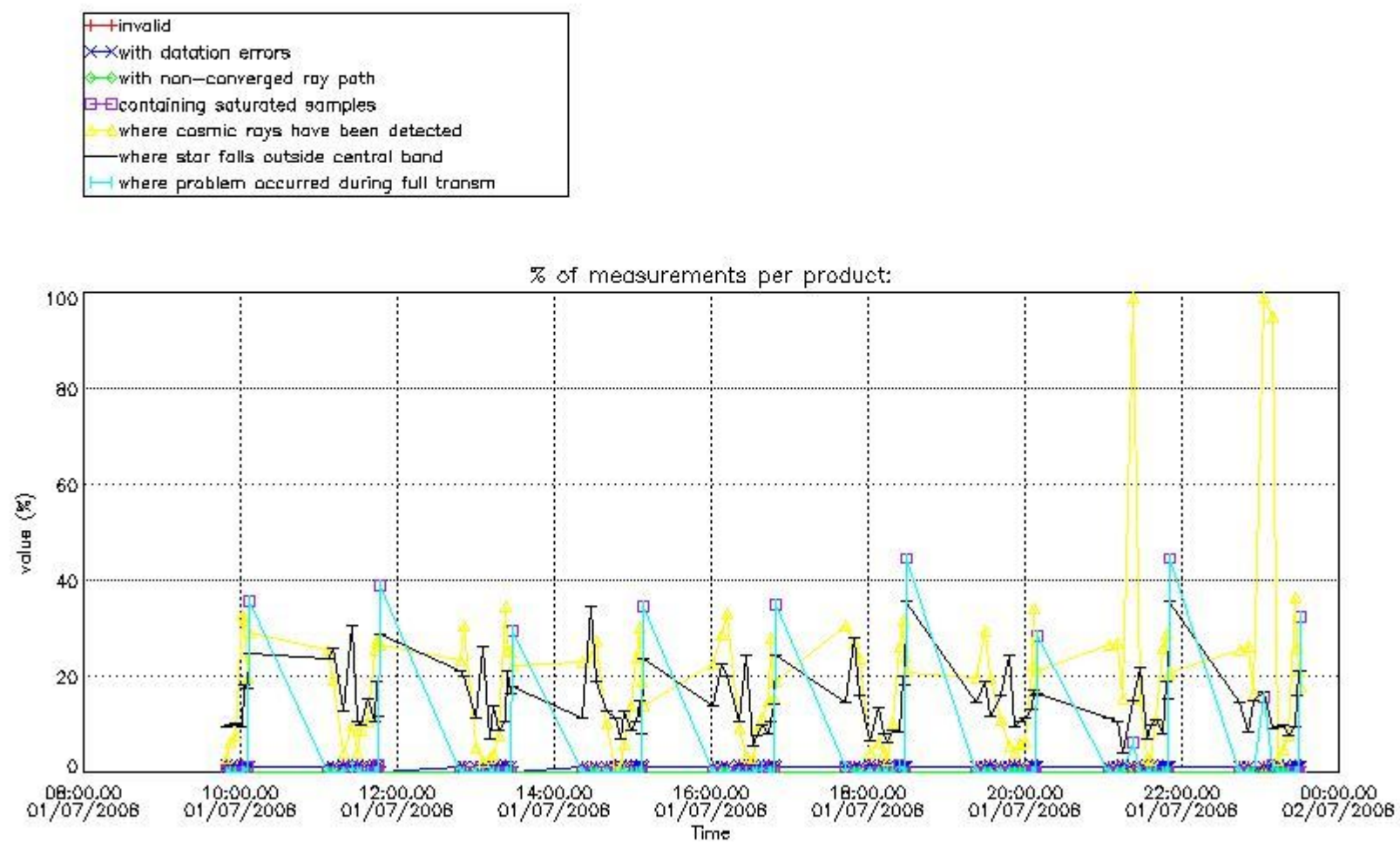


4. Level 1 quality information per product

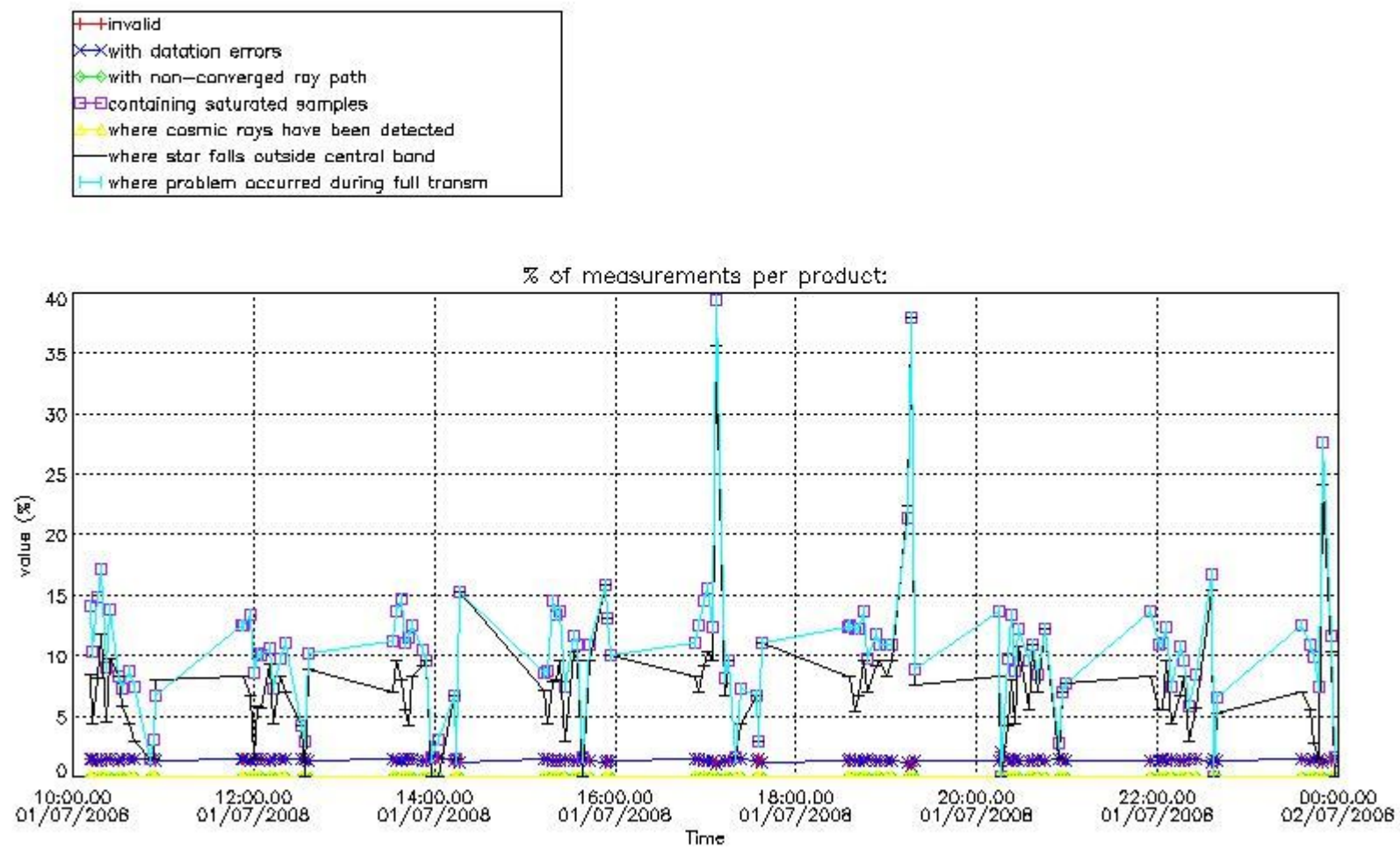
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

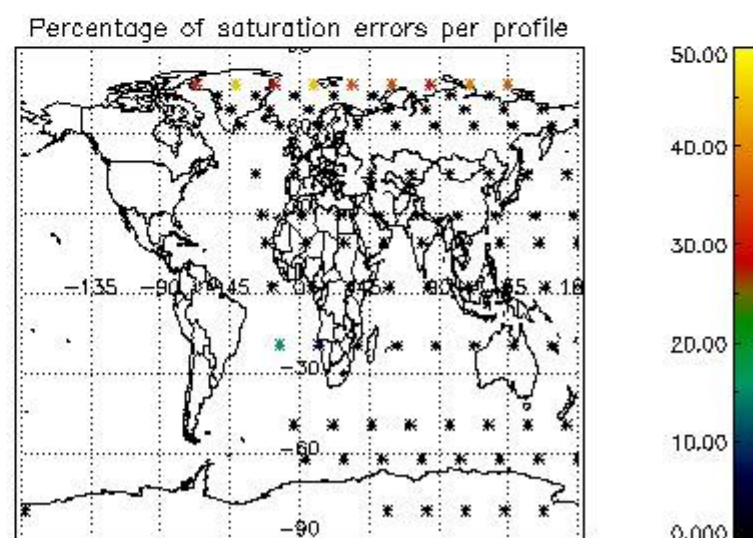
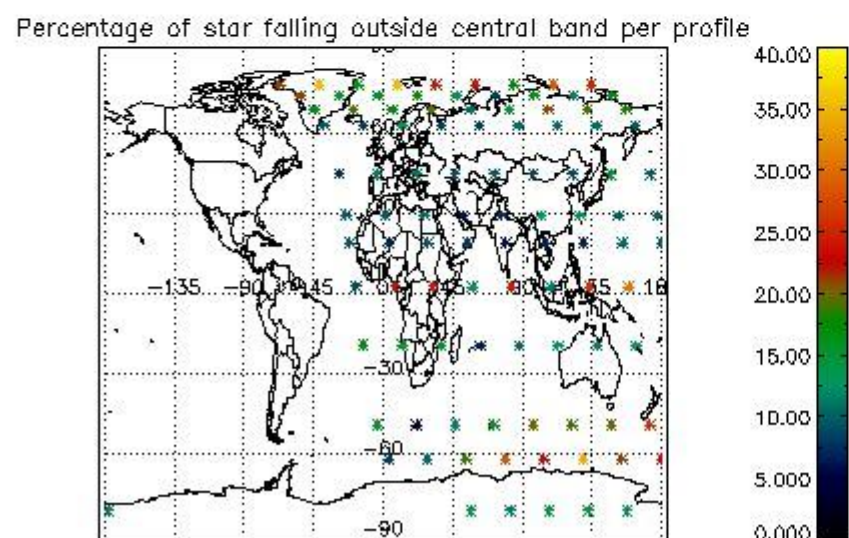
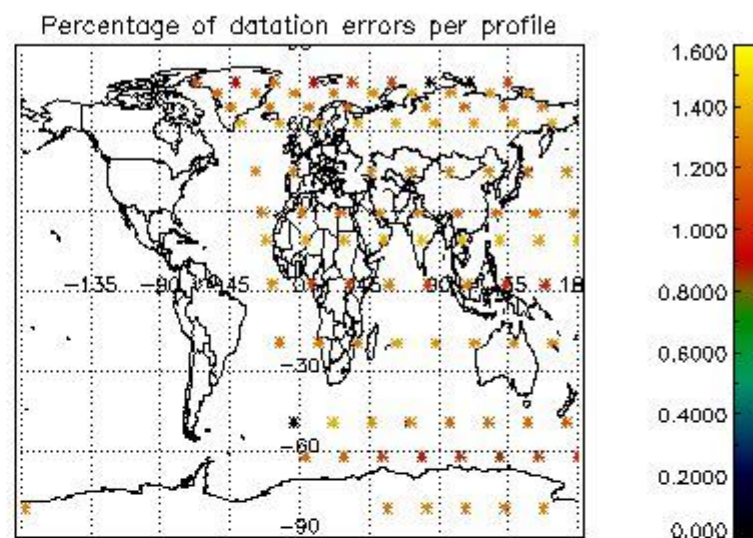
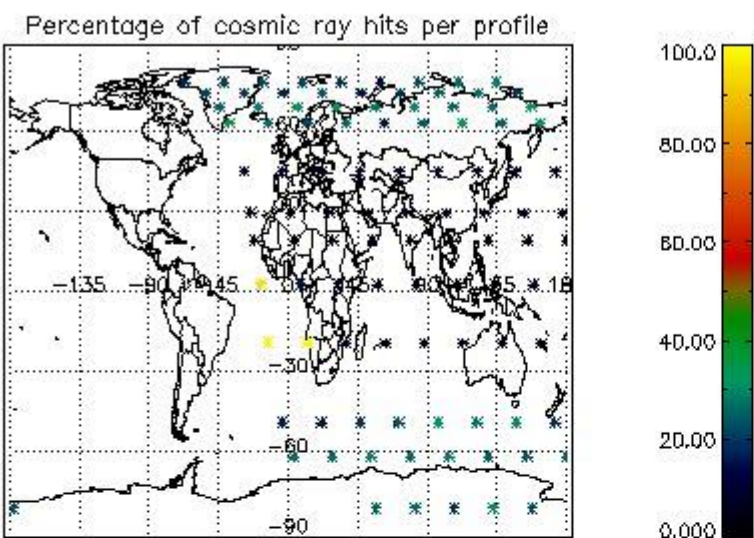


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

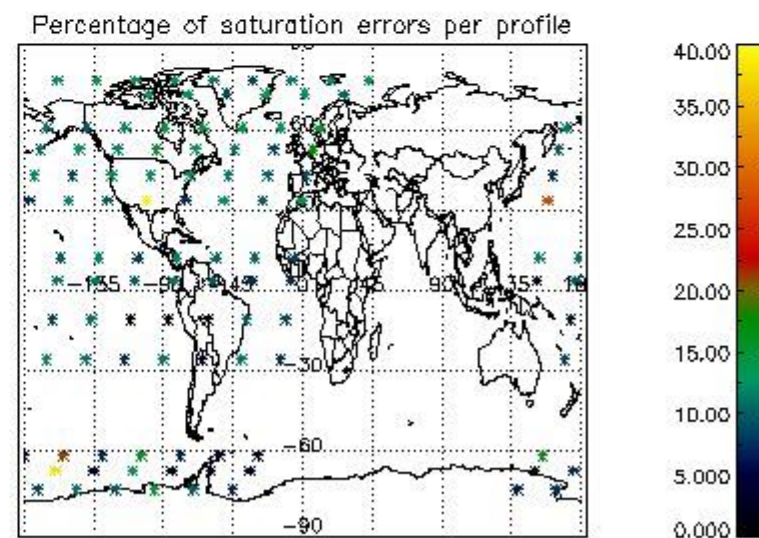
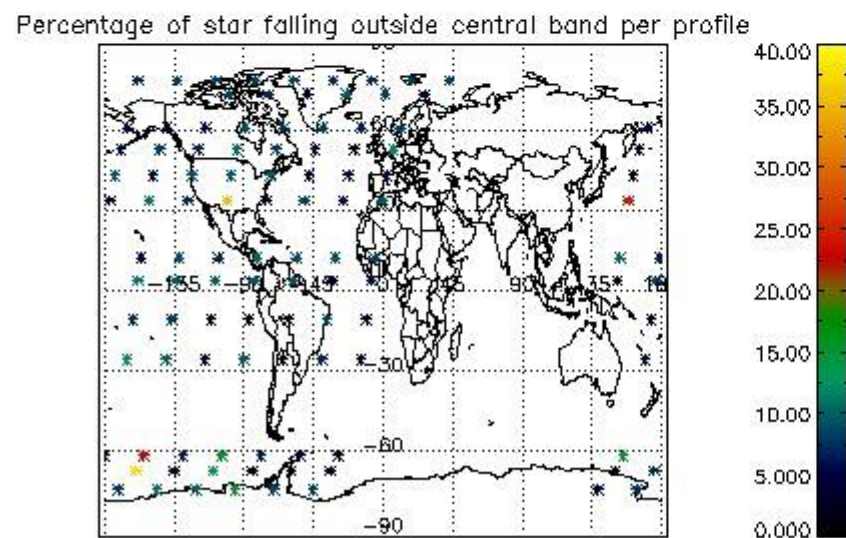
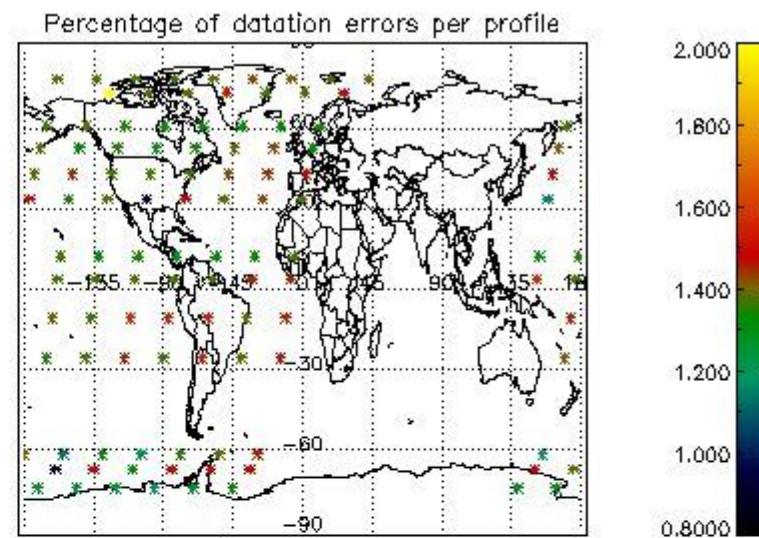
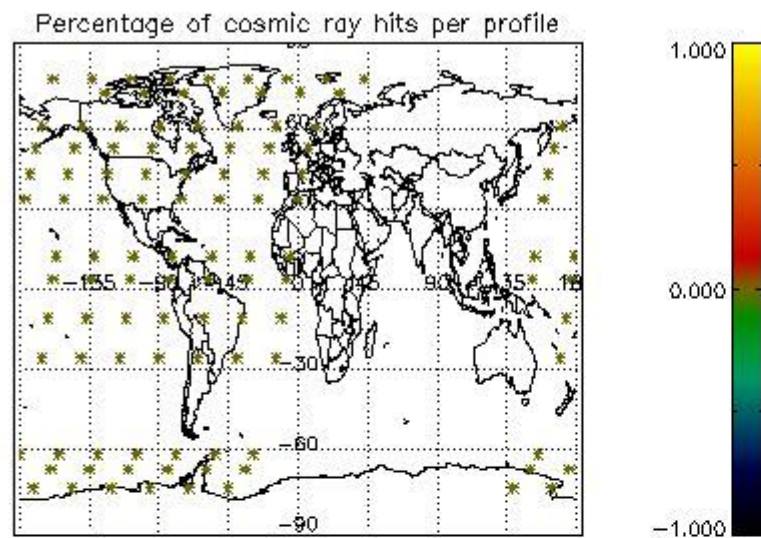


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

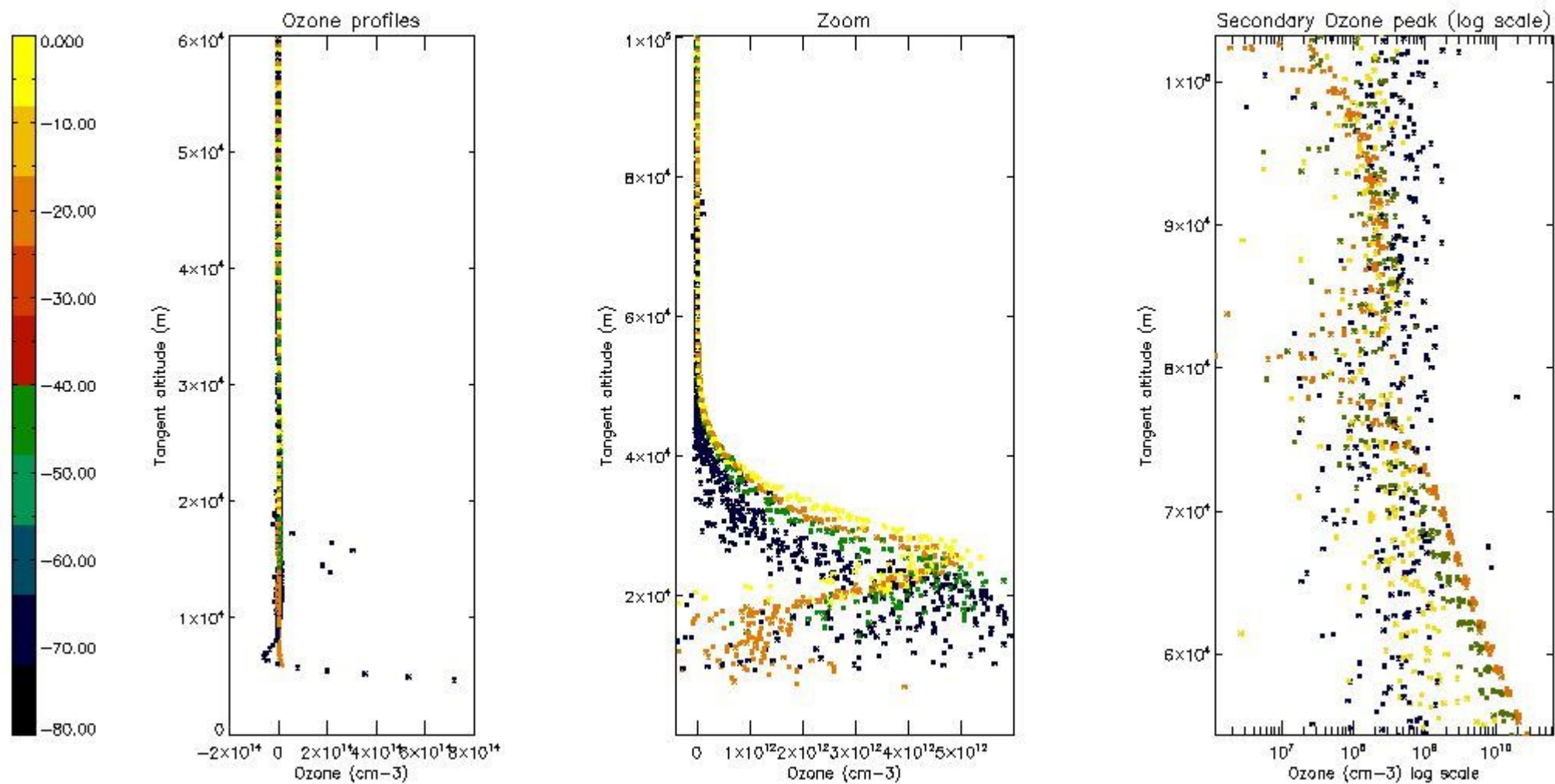
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	8

STD < 10	4
STD < 5	2

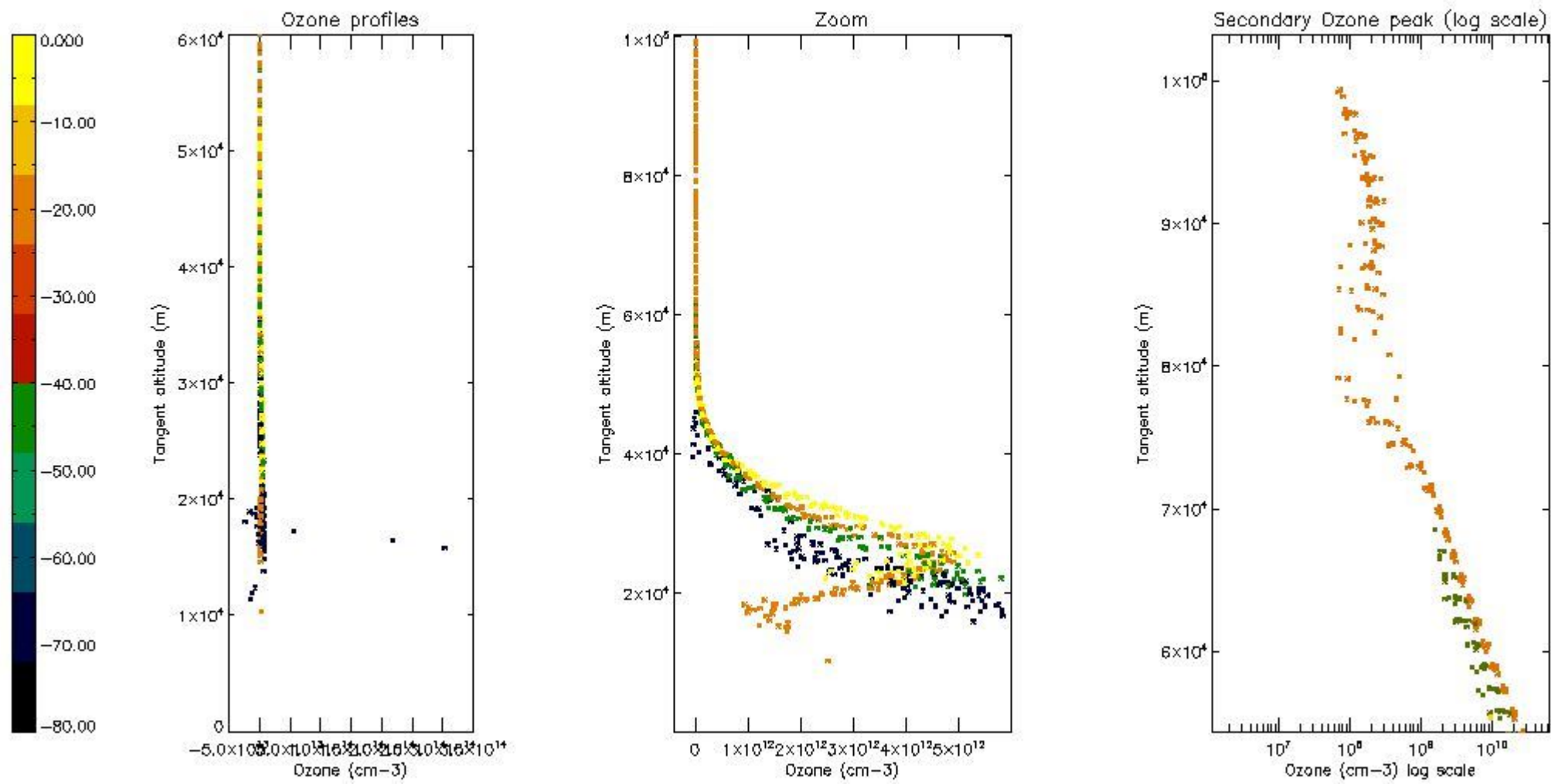
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



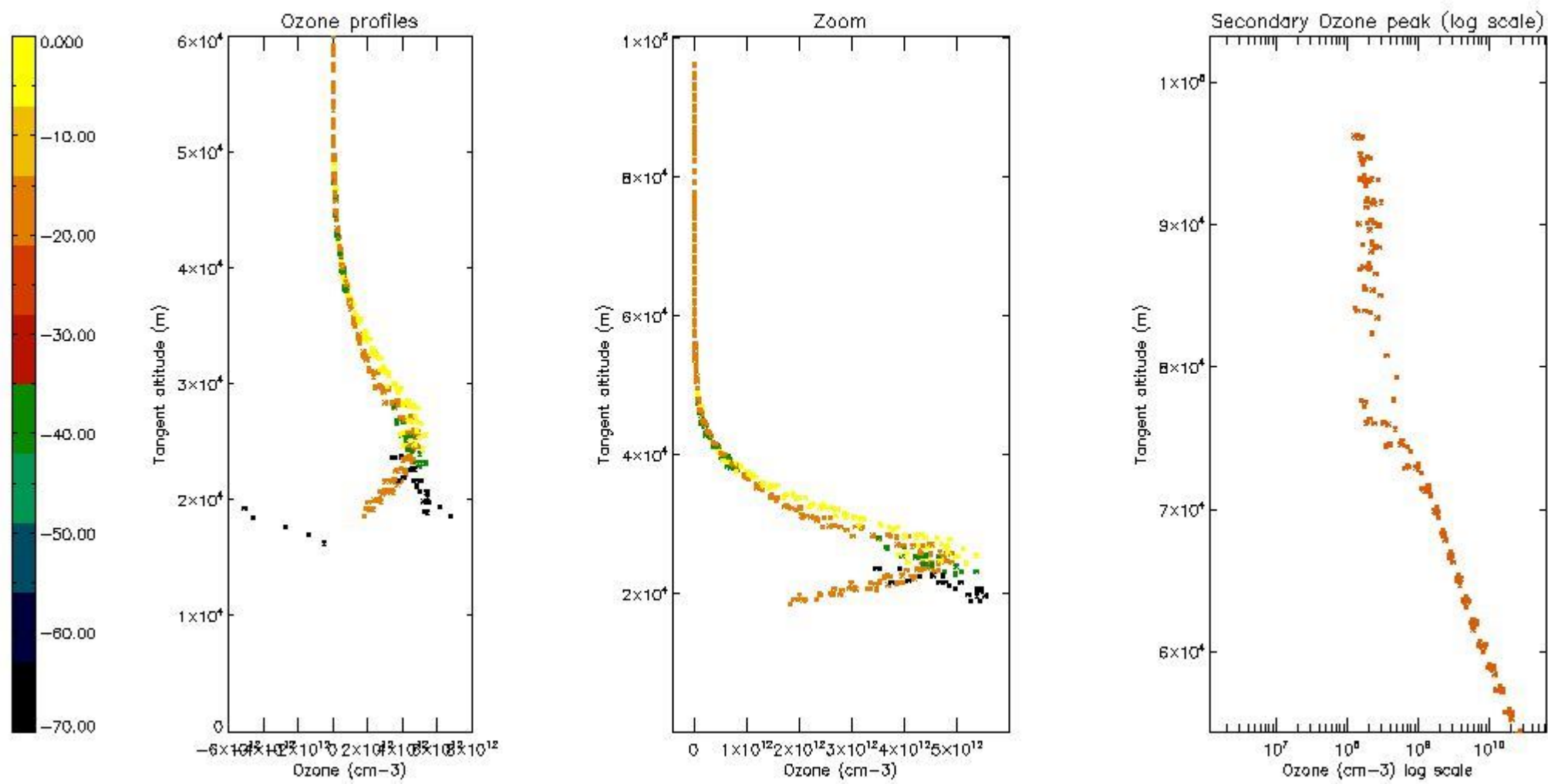
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



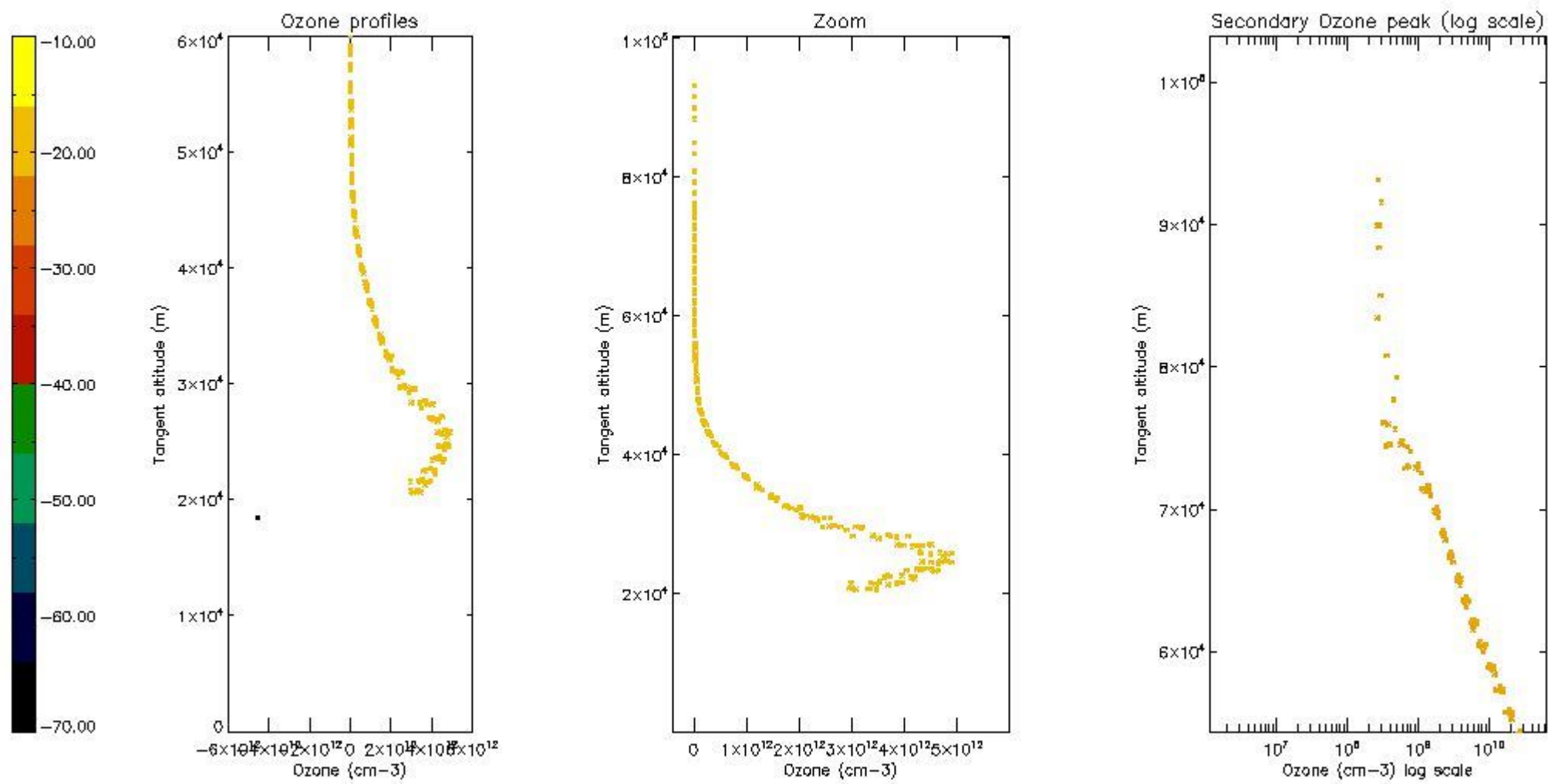
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



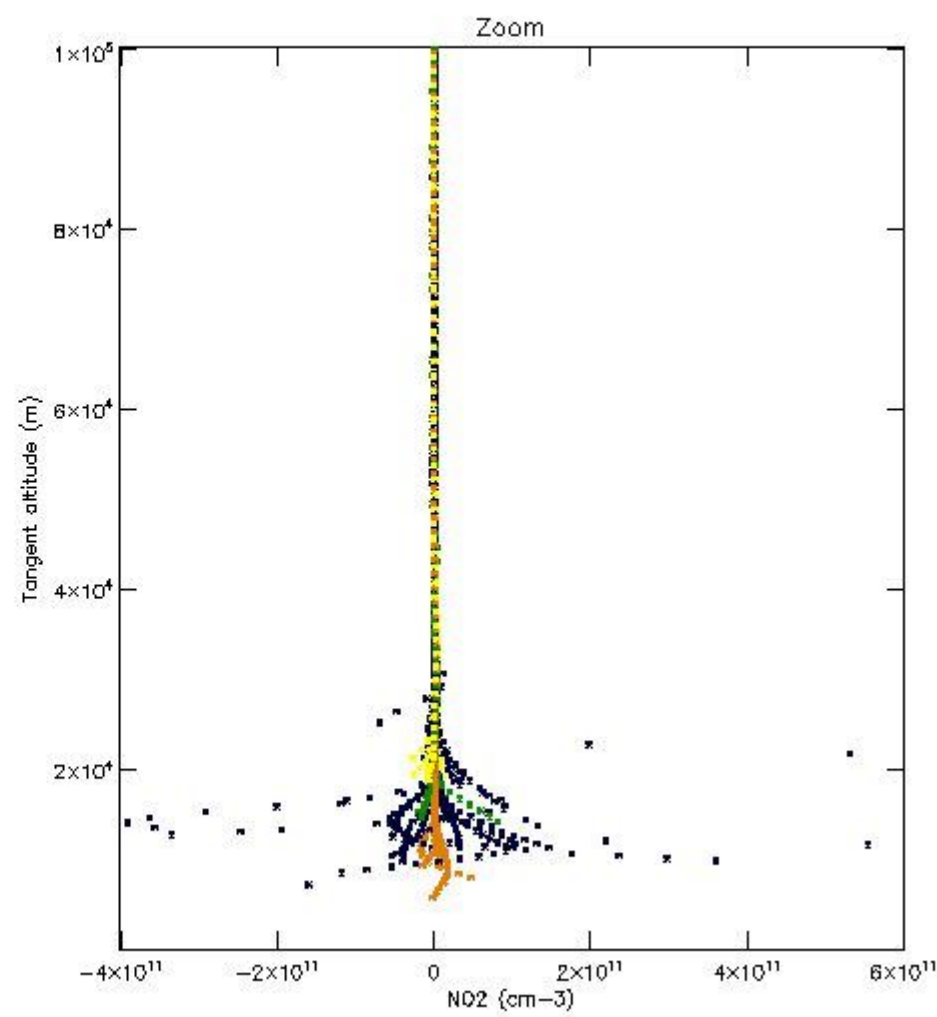
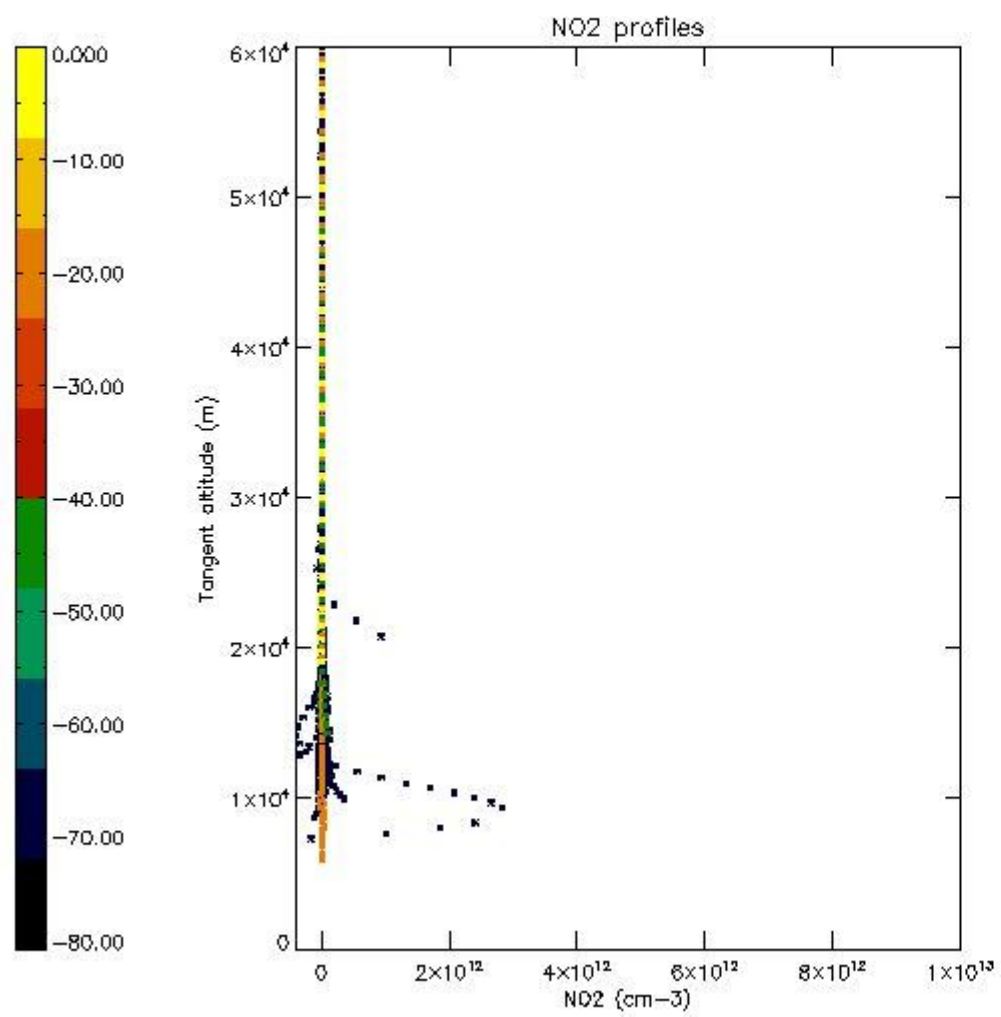
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



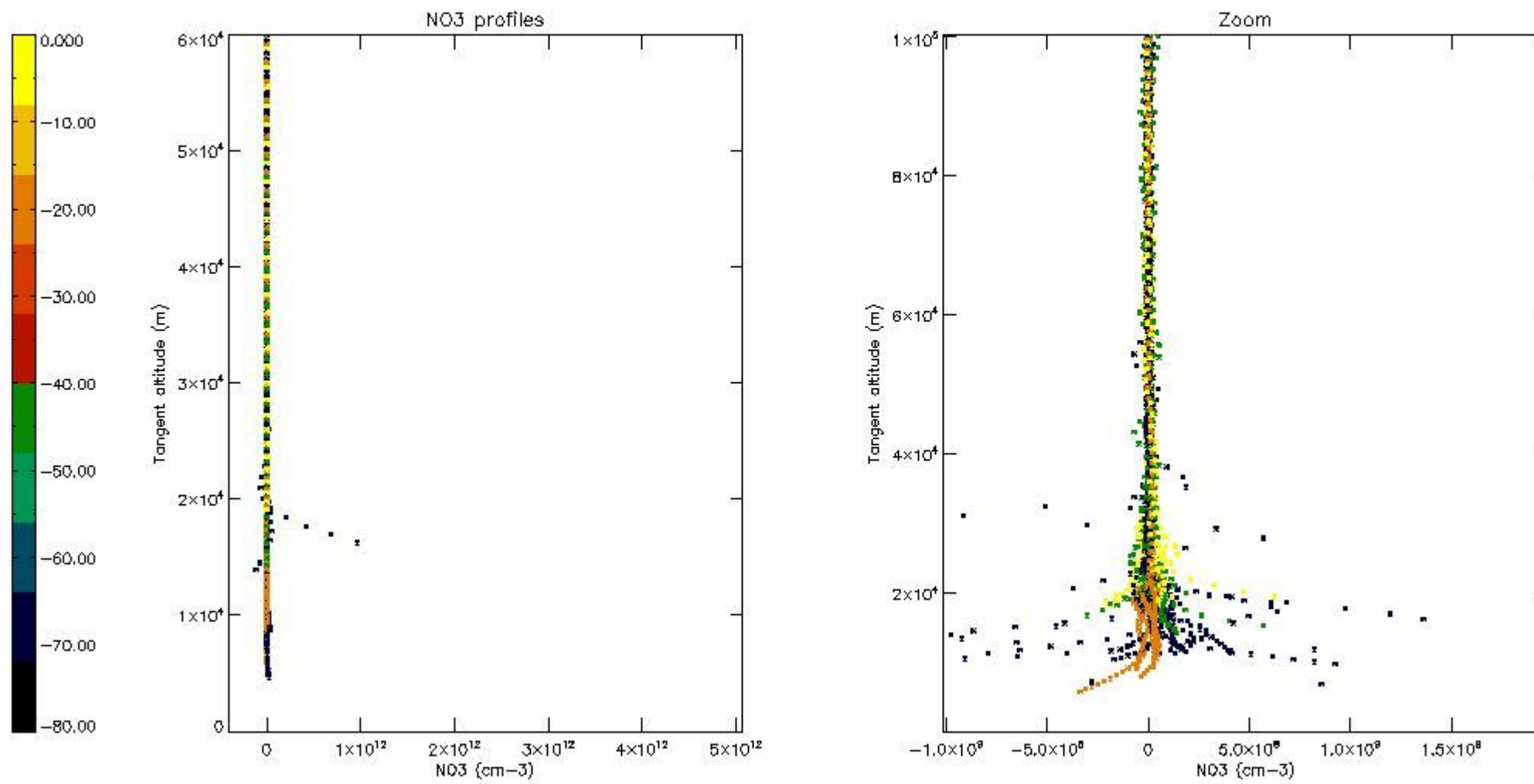
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

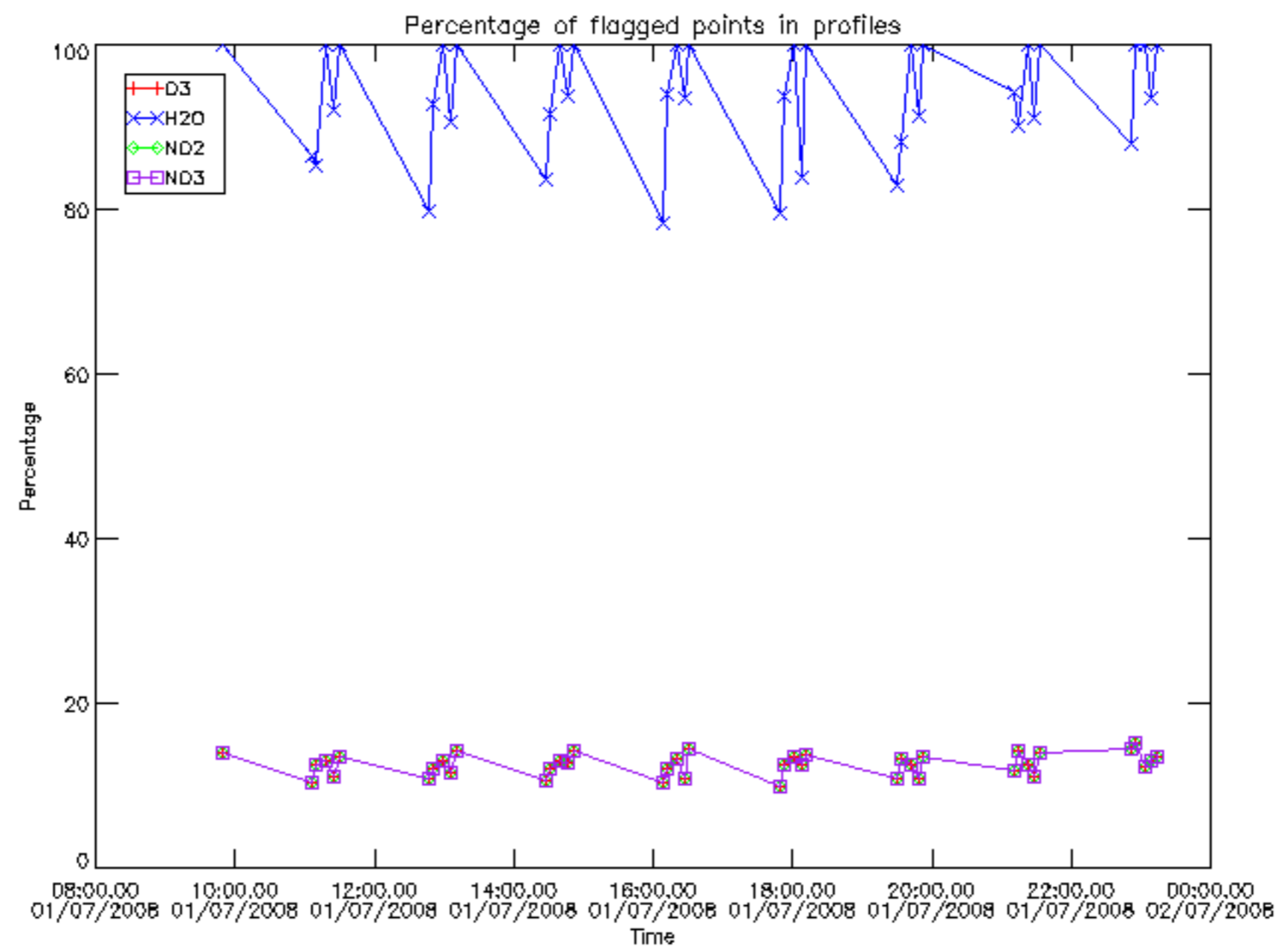
The colorbar represents the latitude.



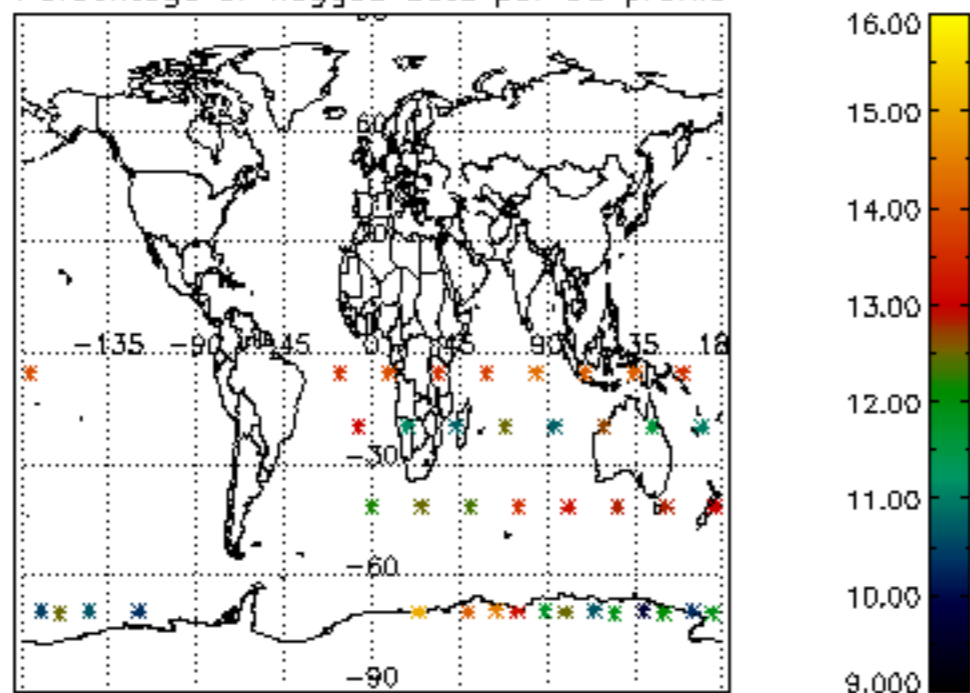
6. Auxiliary Data Files used for the production reported in section 2

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.

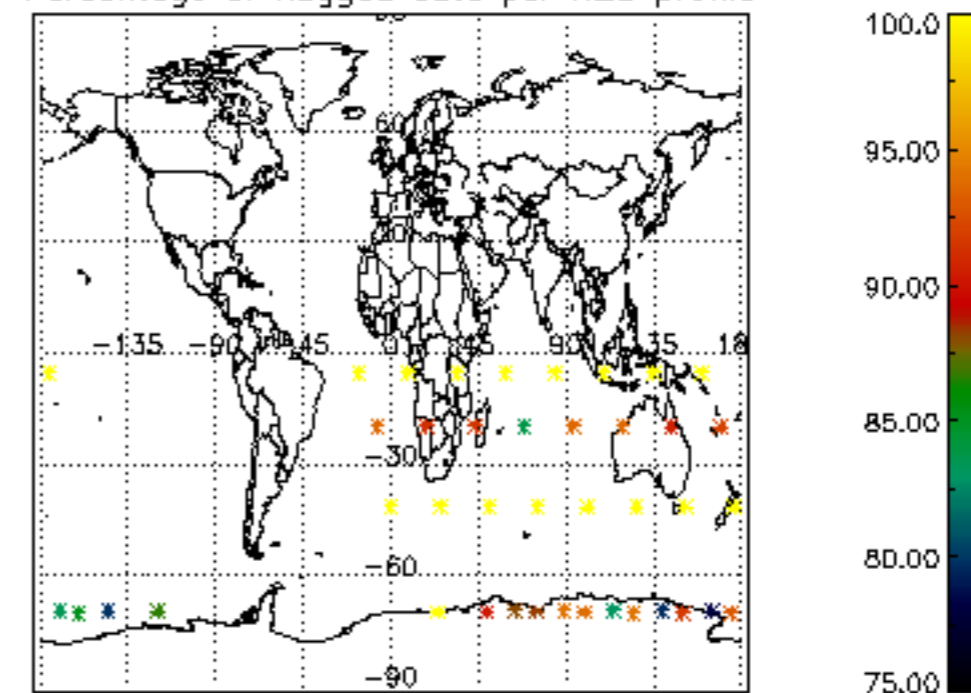
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	01-JUL-2008 09:49:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-JUL-2008 09:49:01
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-JUL-2008 09:49:01



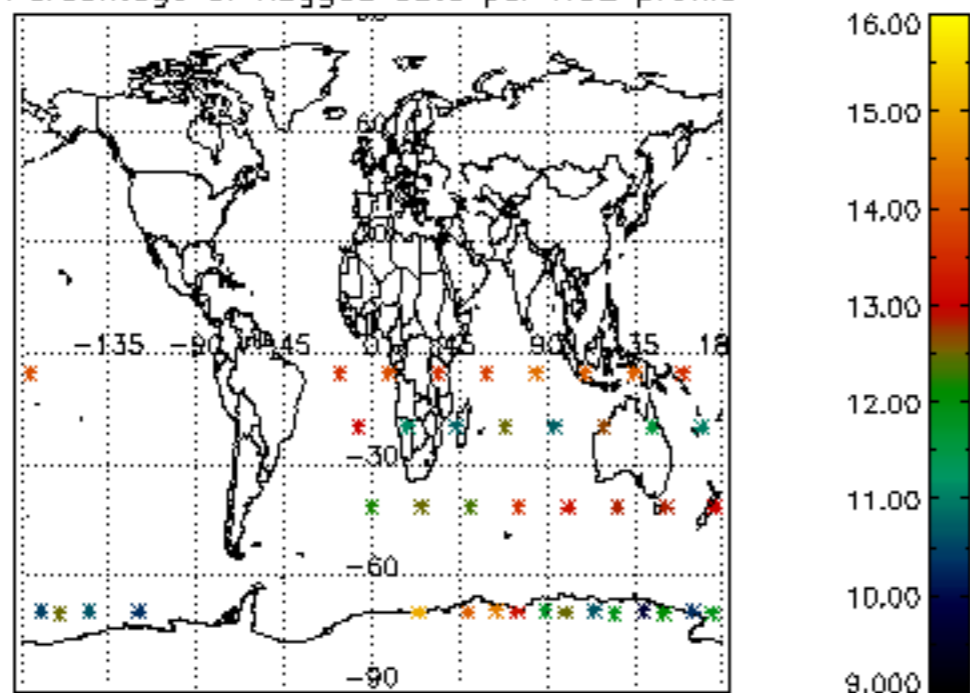
Percentage of flagged data per D3 profile



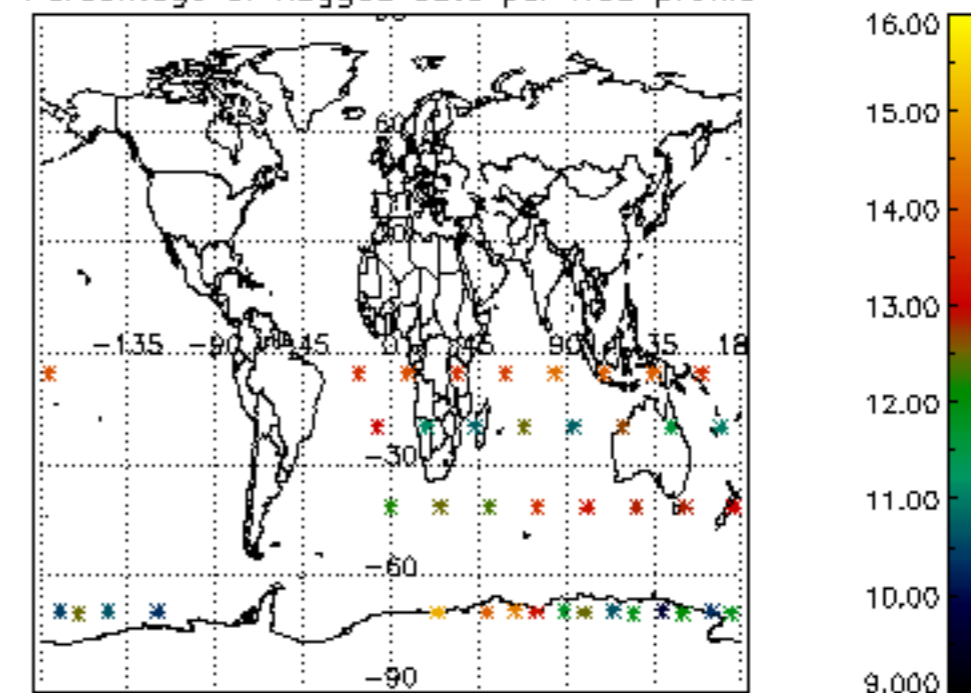
Percentage of flagged data per H2O profile

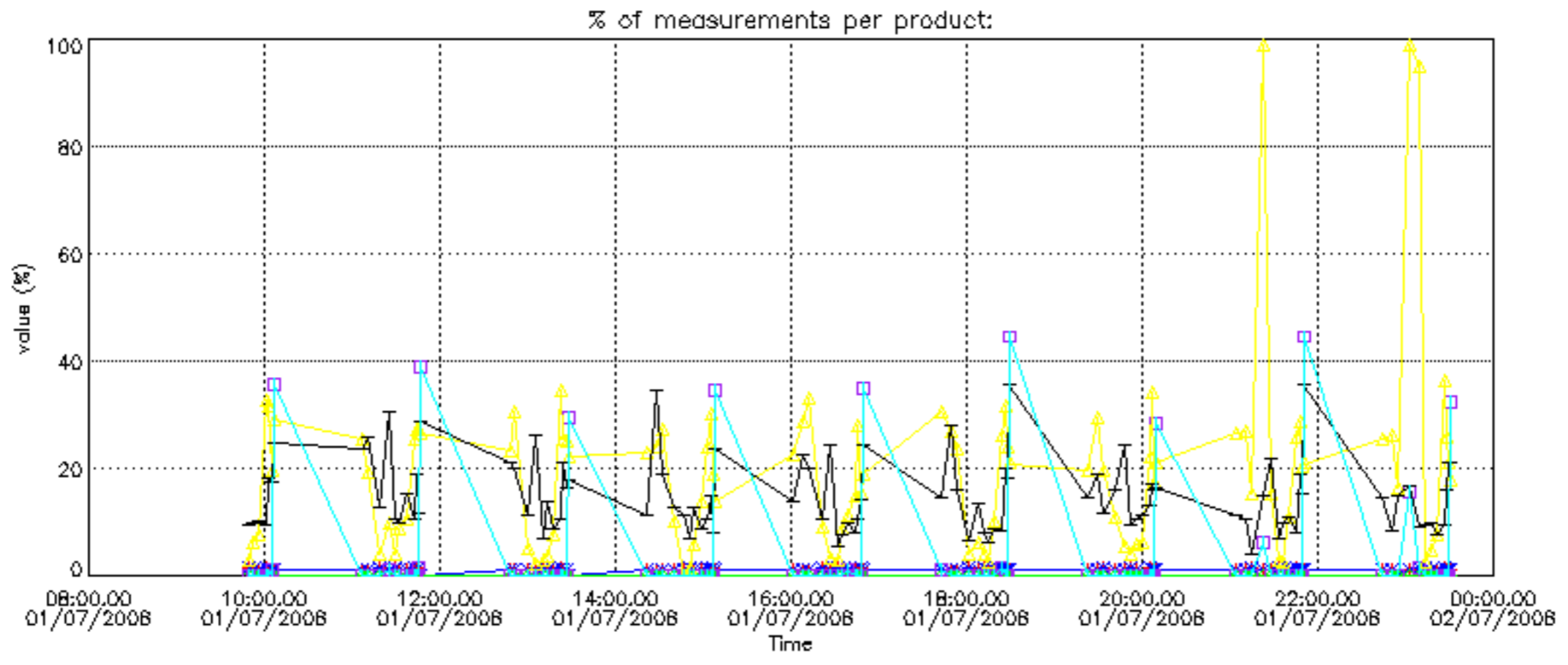


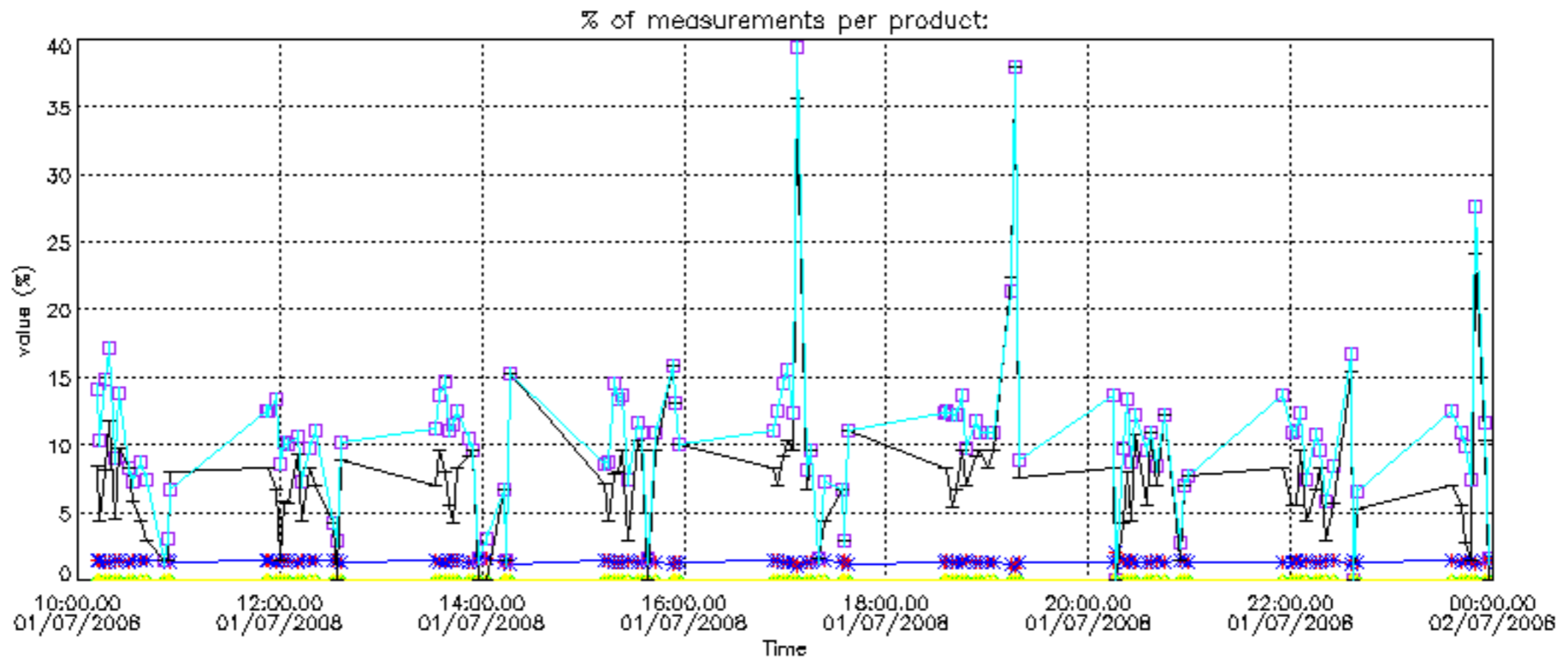
Percentage of flagged data per NO2 profile



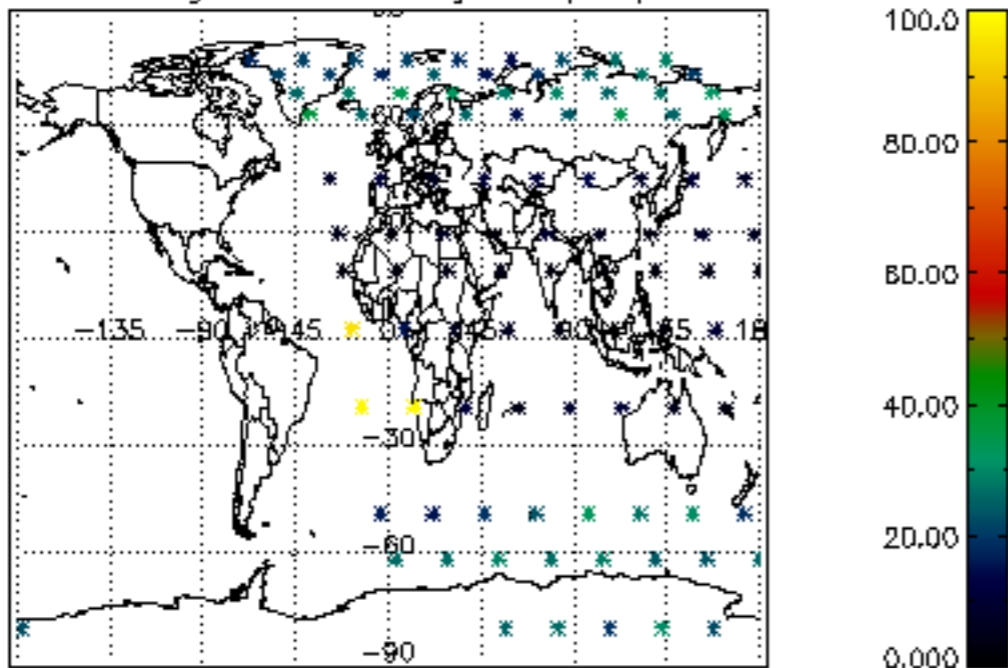
Percentage of flagged data per NO3 profile



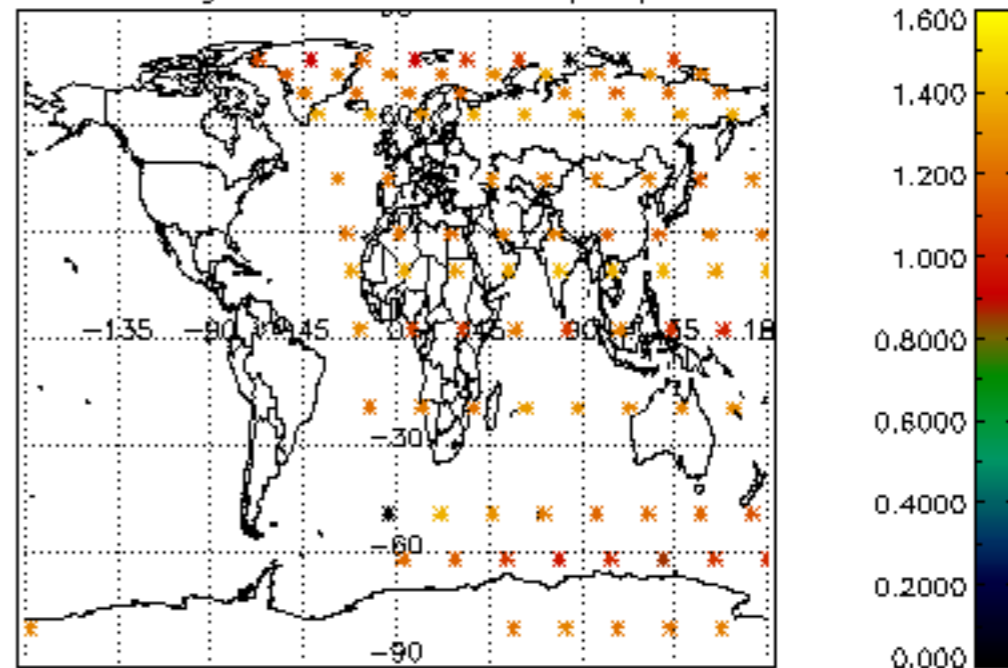




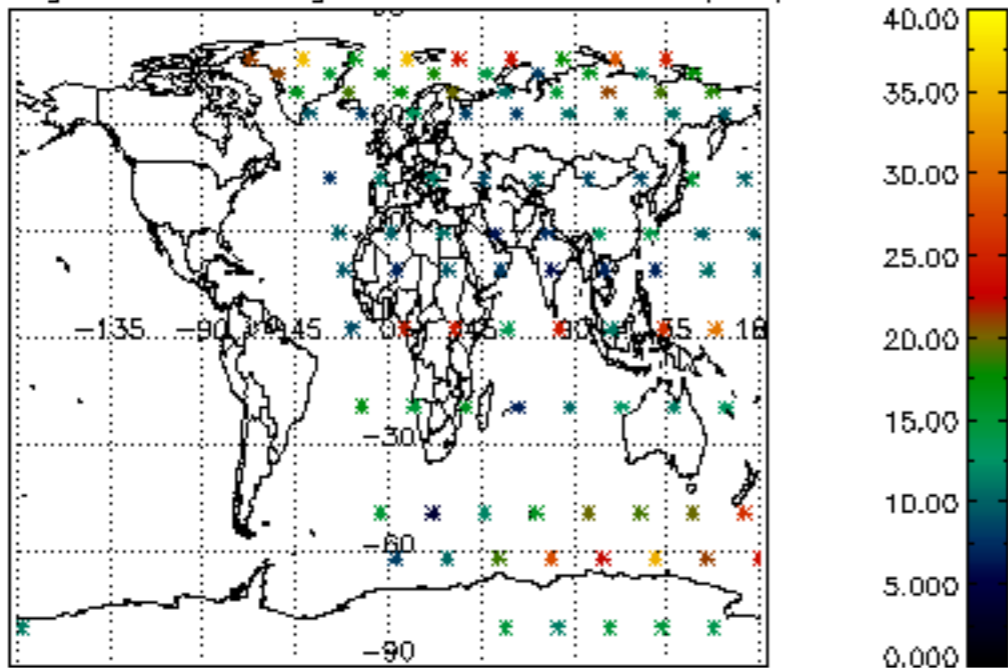
Percentage of cosmic ray hits per profile



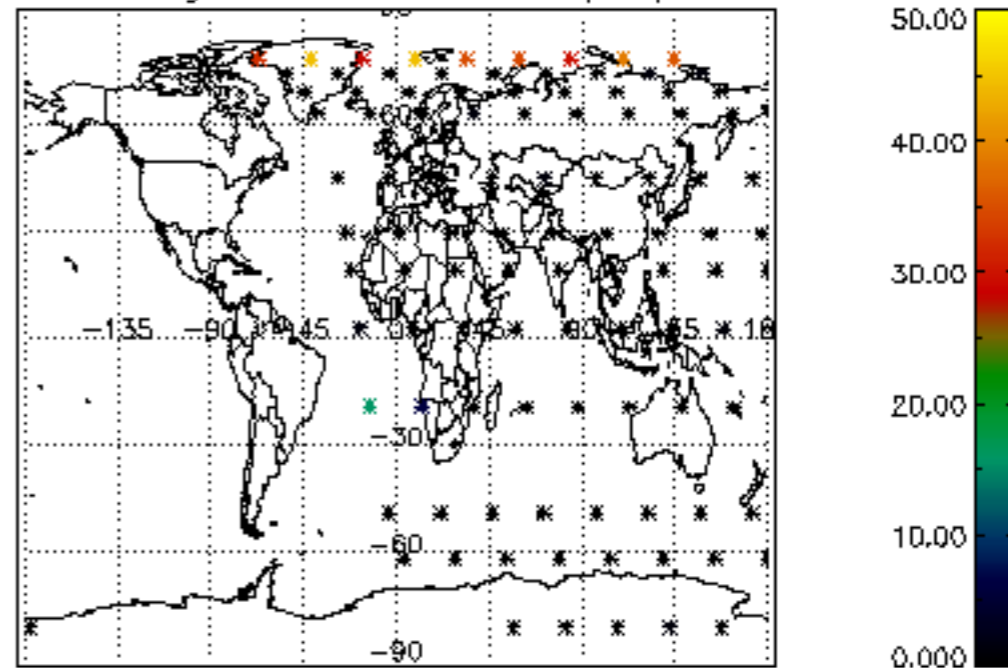
Percentage of datation errors per profile



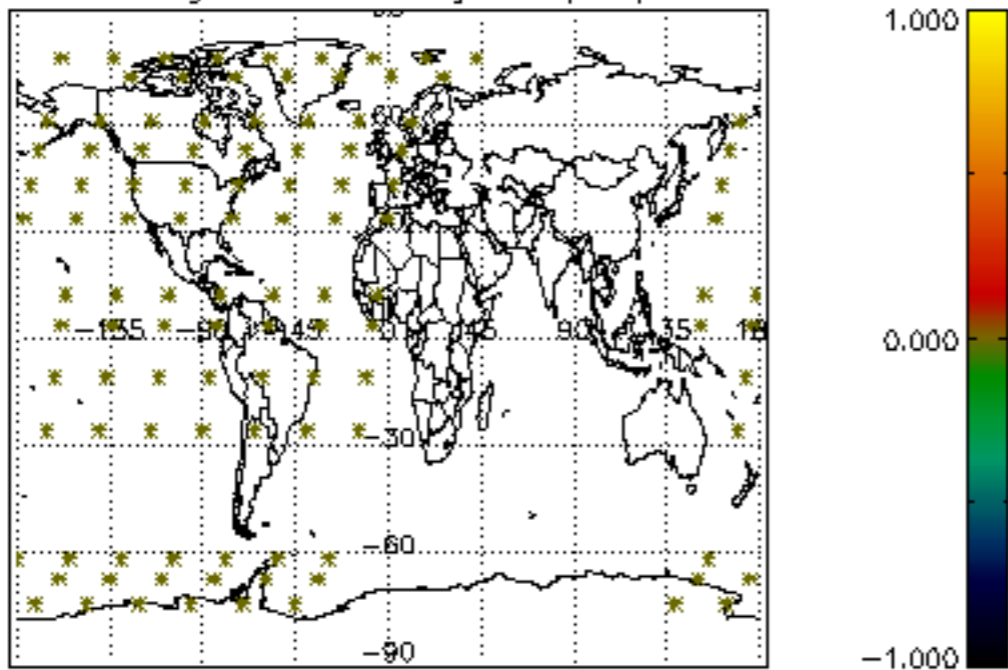
Percentage of star falling outside central band per profile



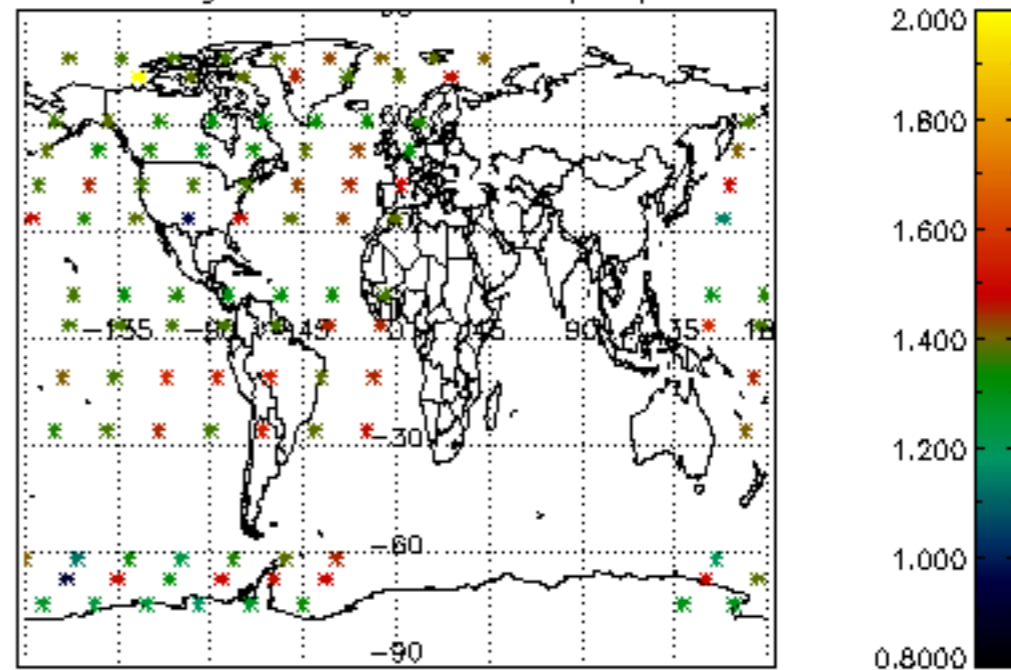
Percentage of saturation errors per profile



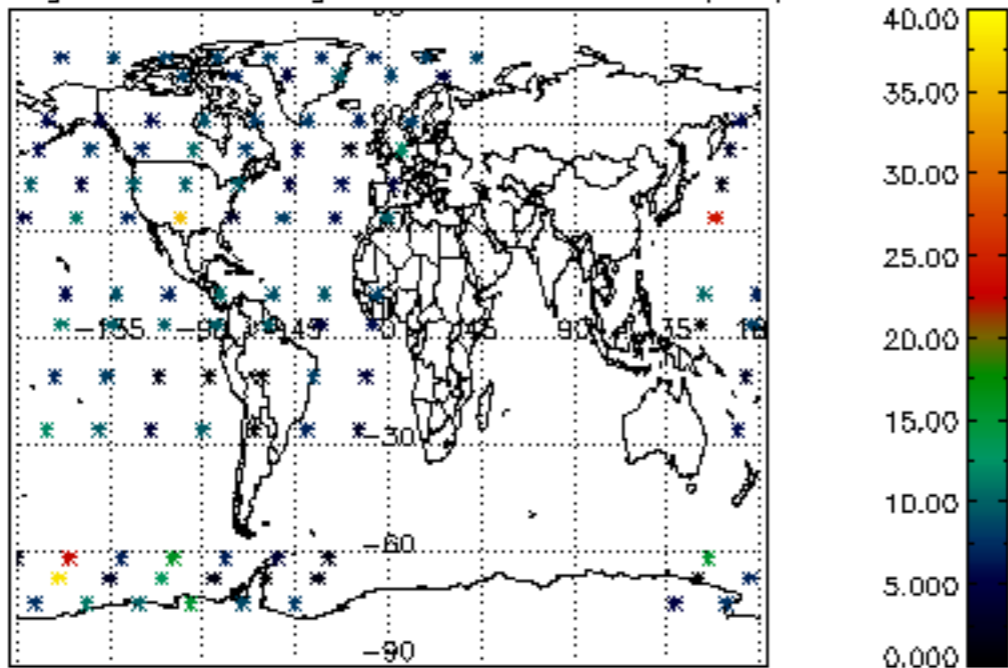
Percentage of cosmic ray hits per profile



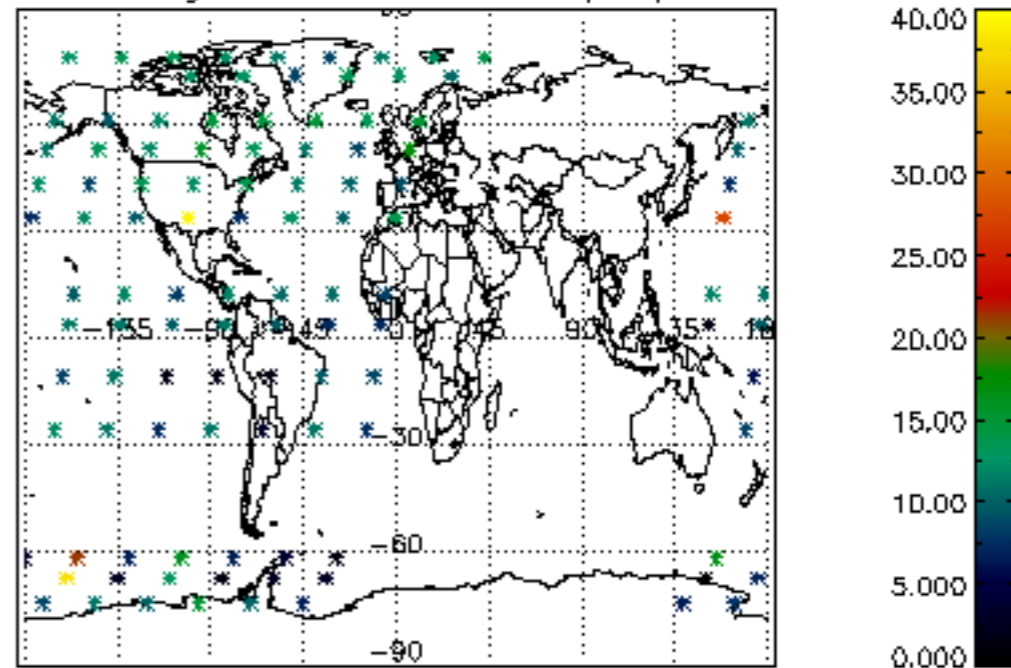
Percentage of datation errors per profile

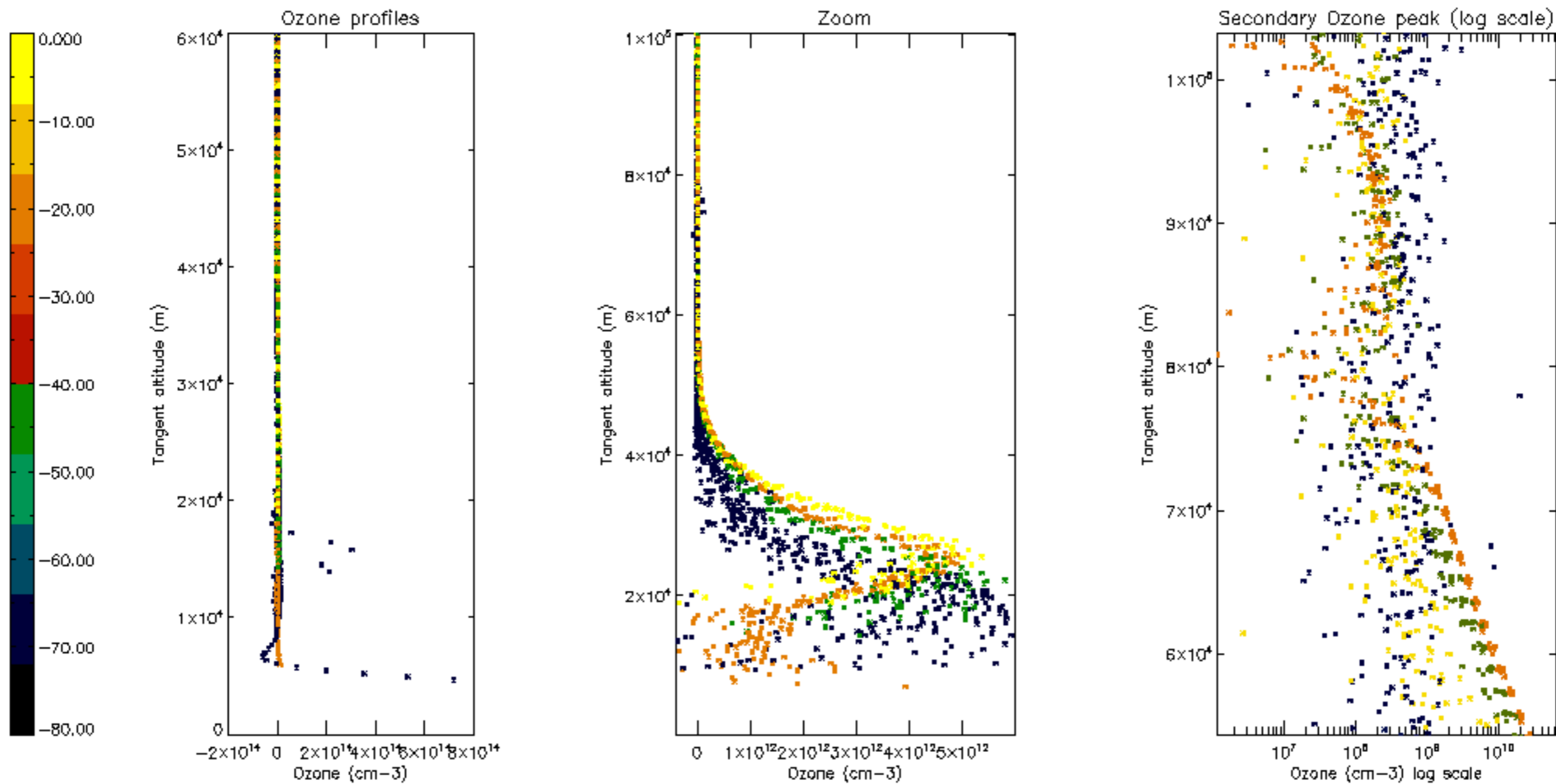


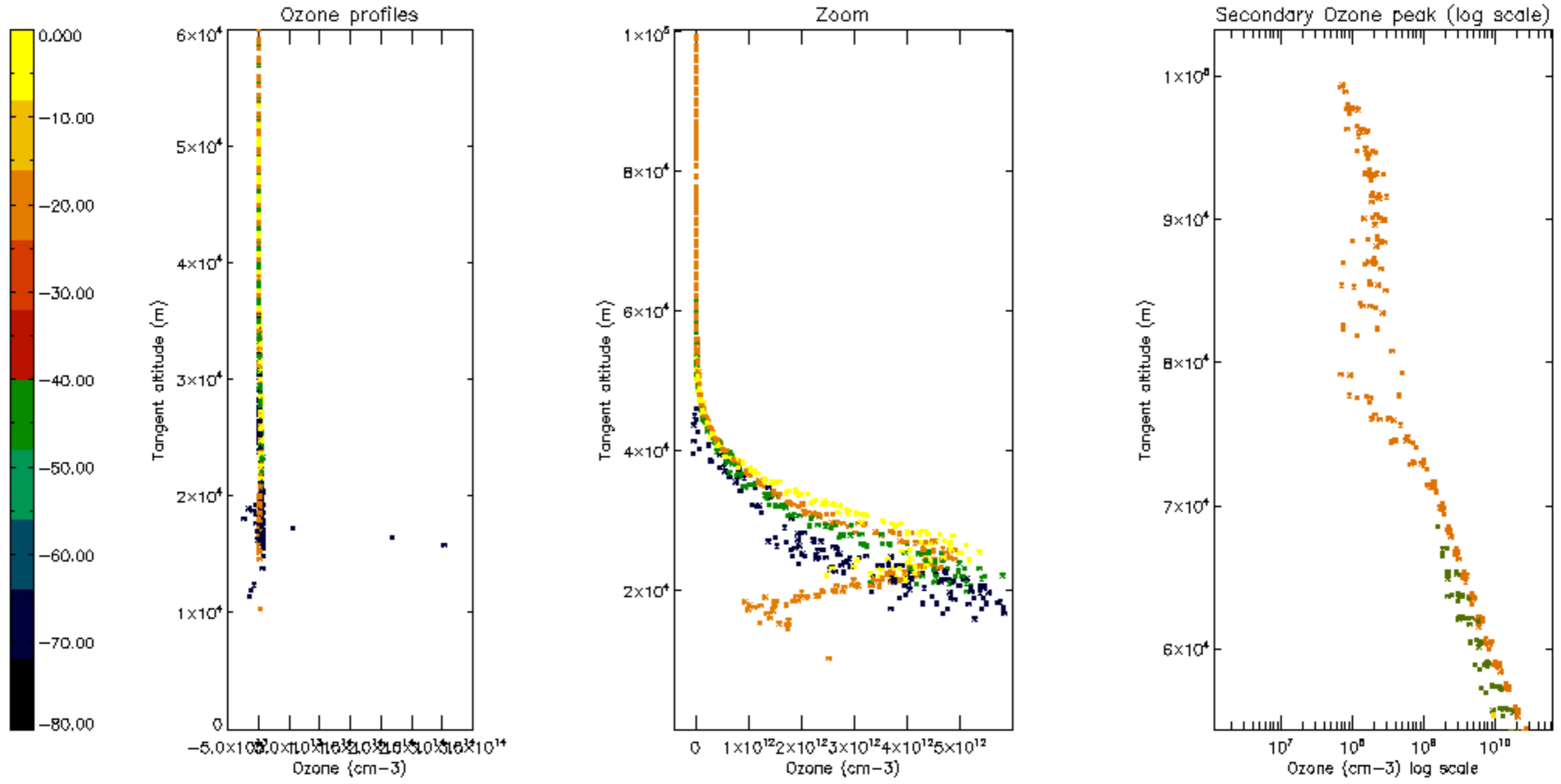
Percentage of star falling outside central band per profile

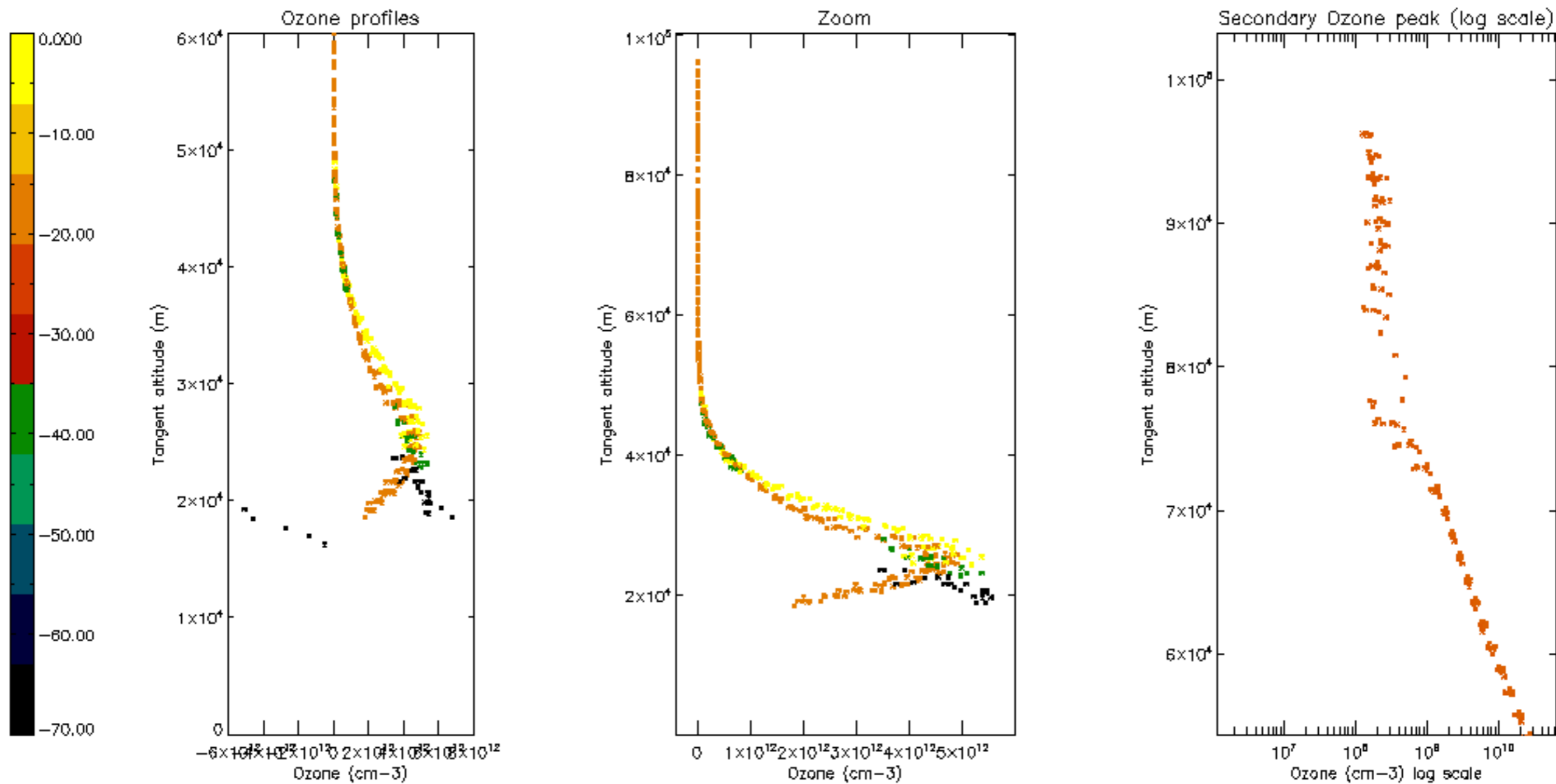


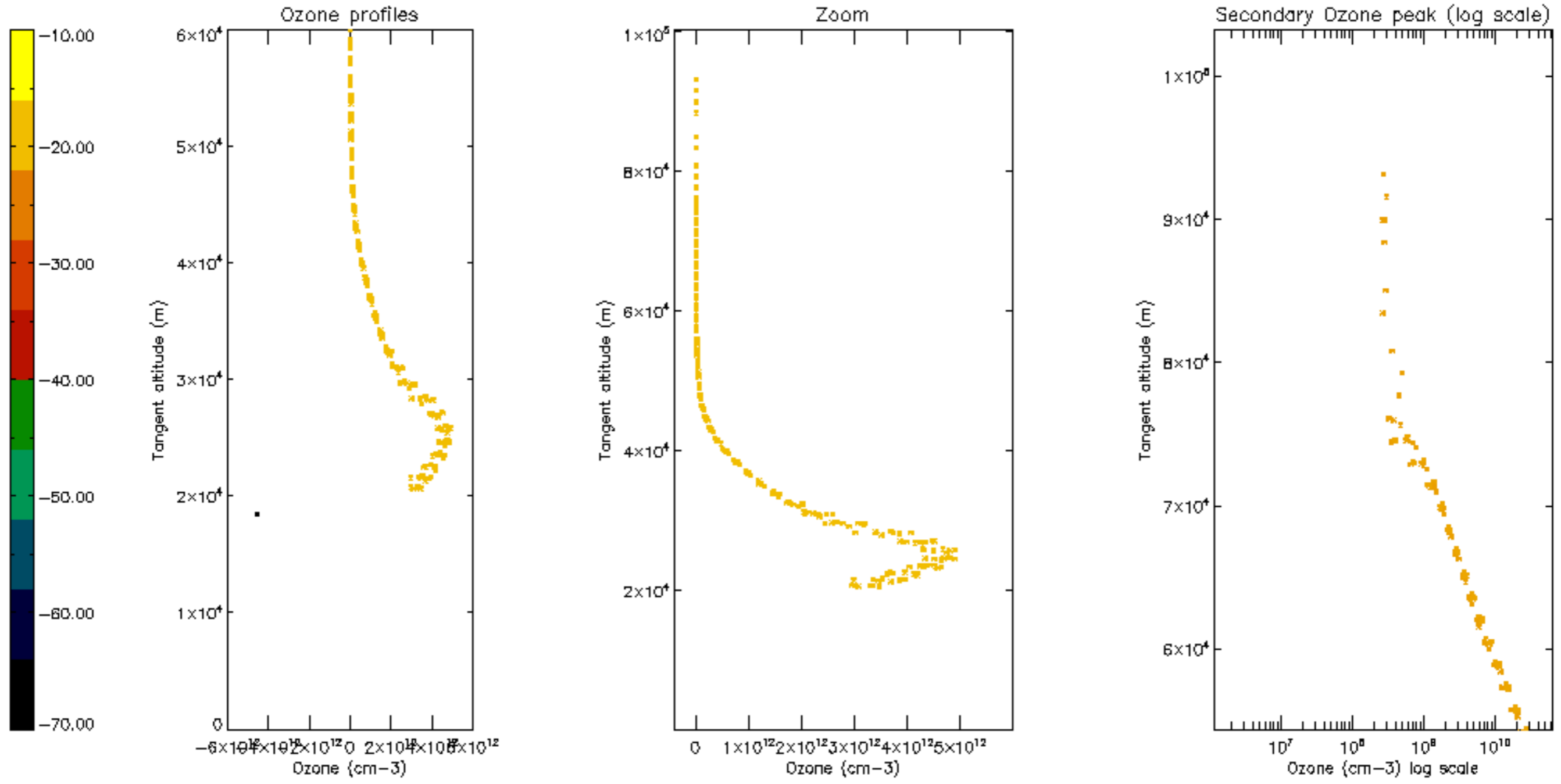
Percentage of saturation errors per profile

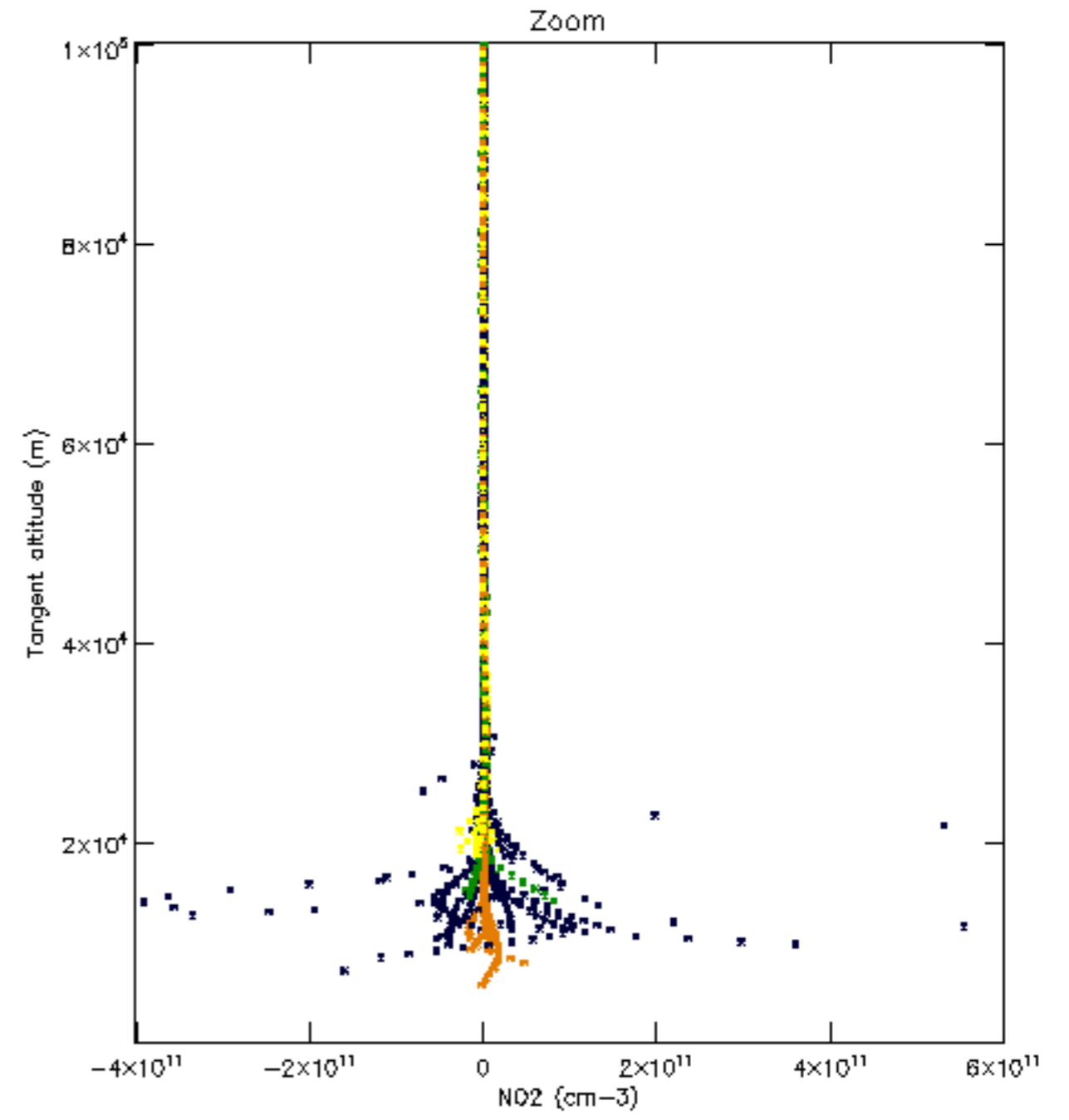
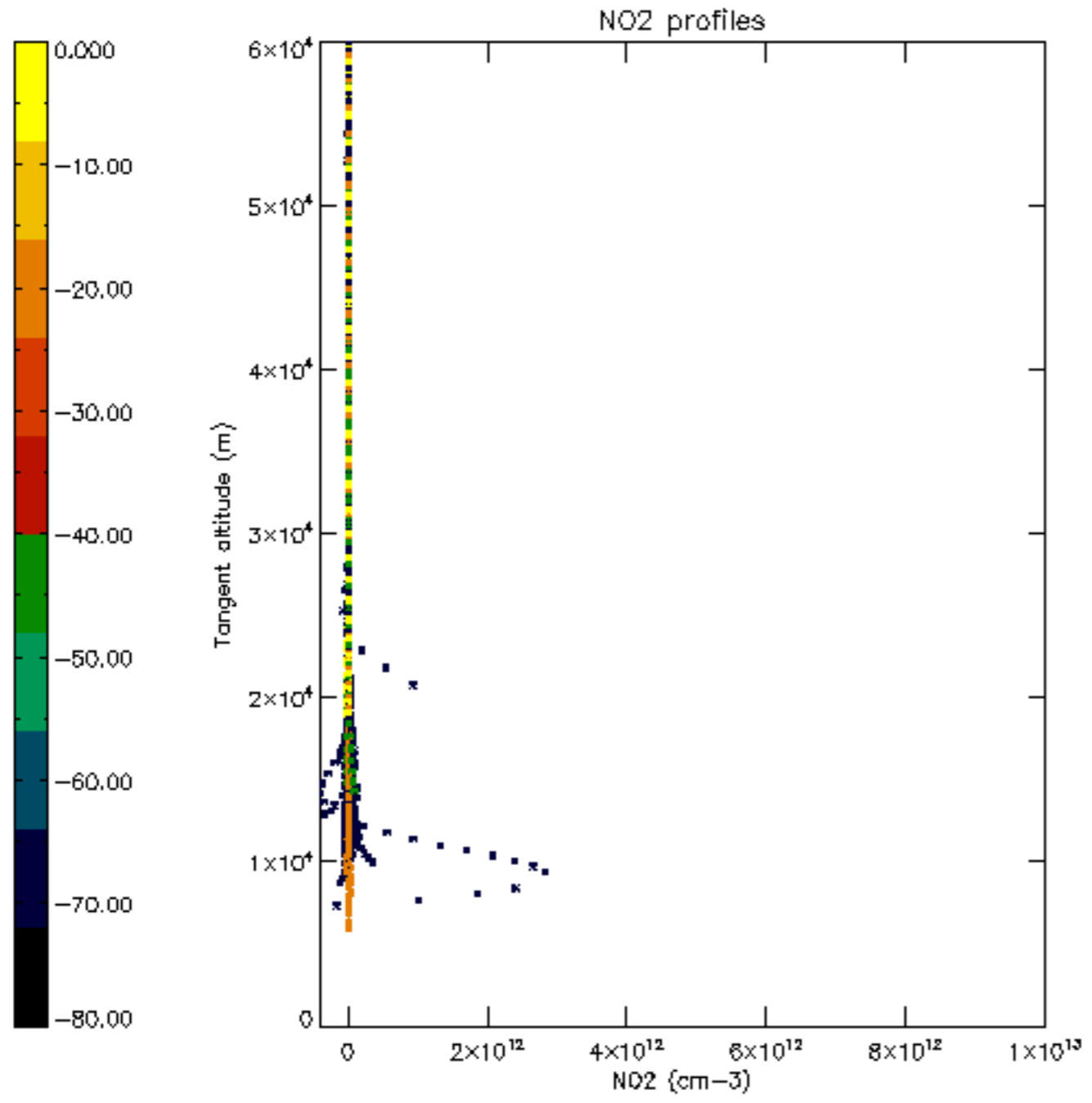


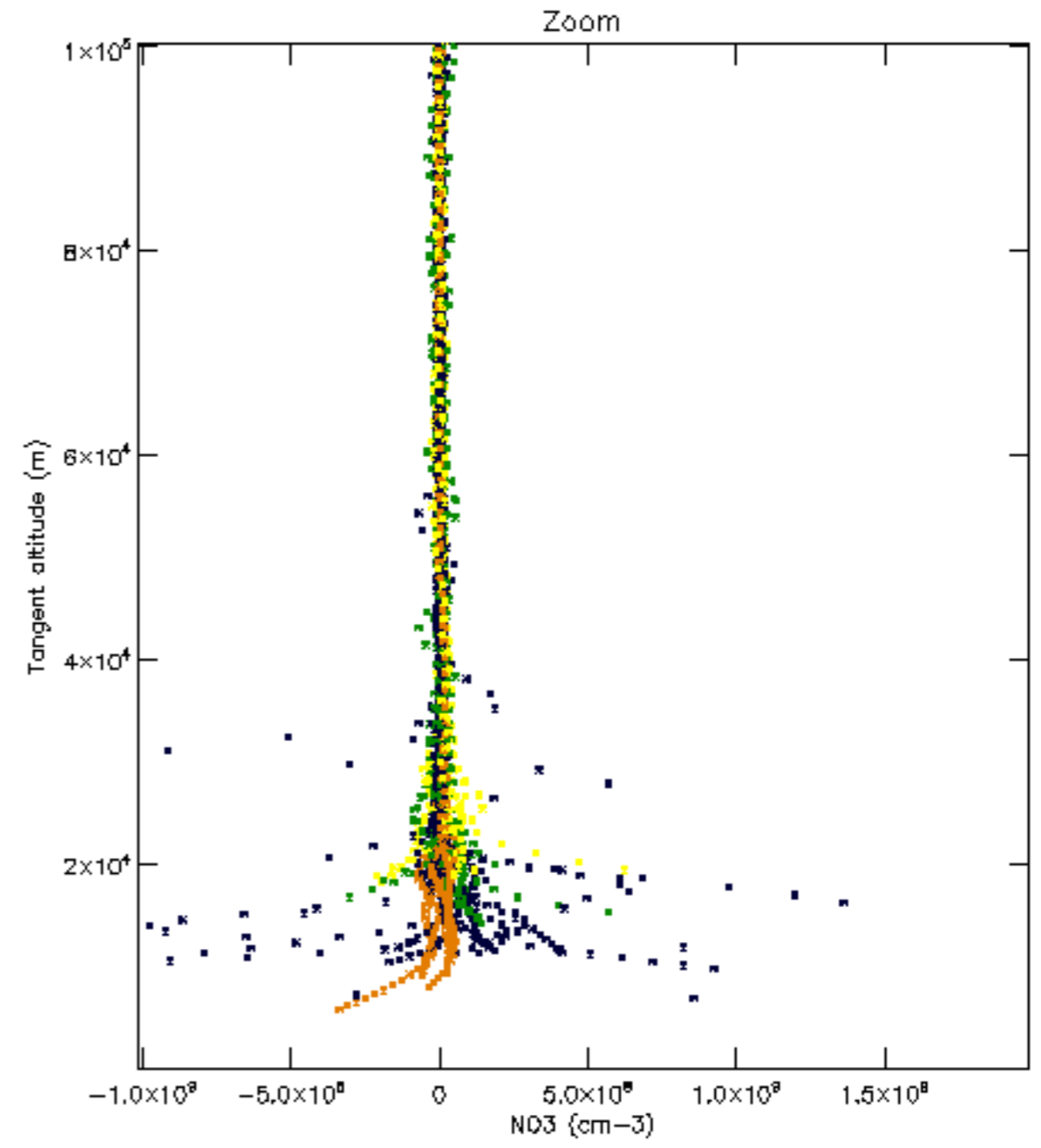
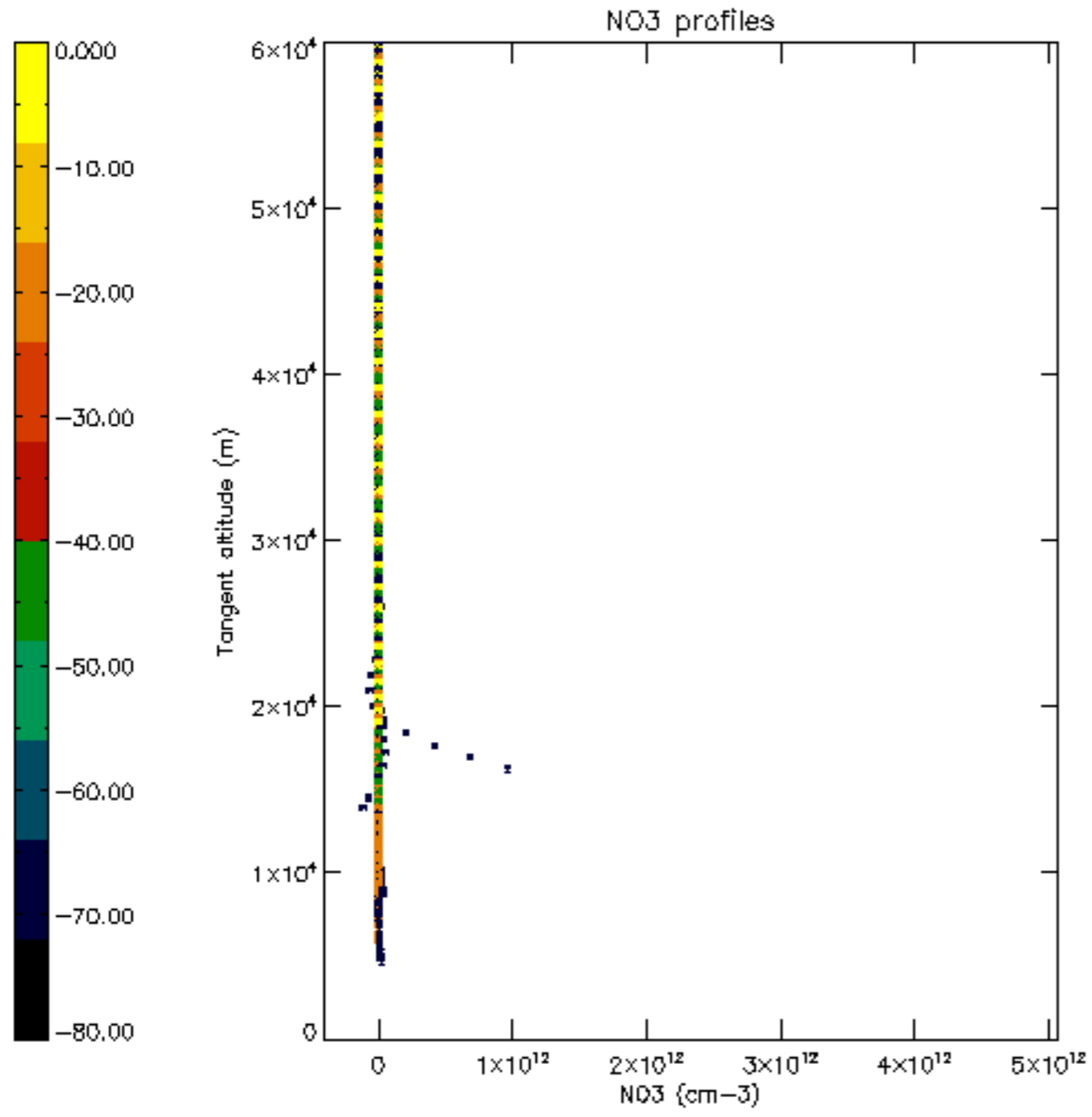


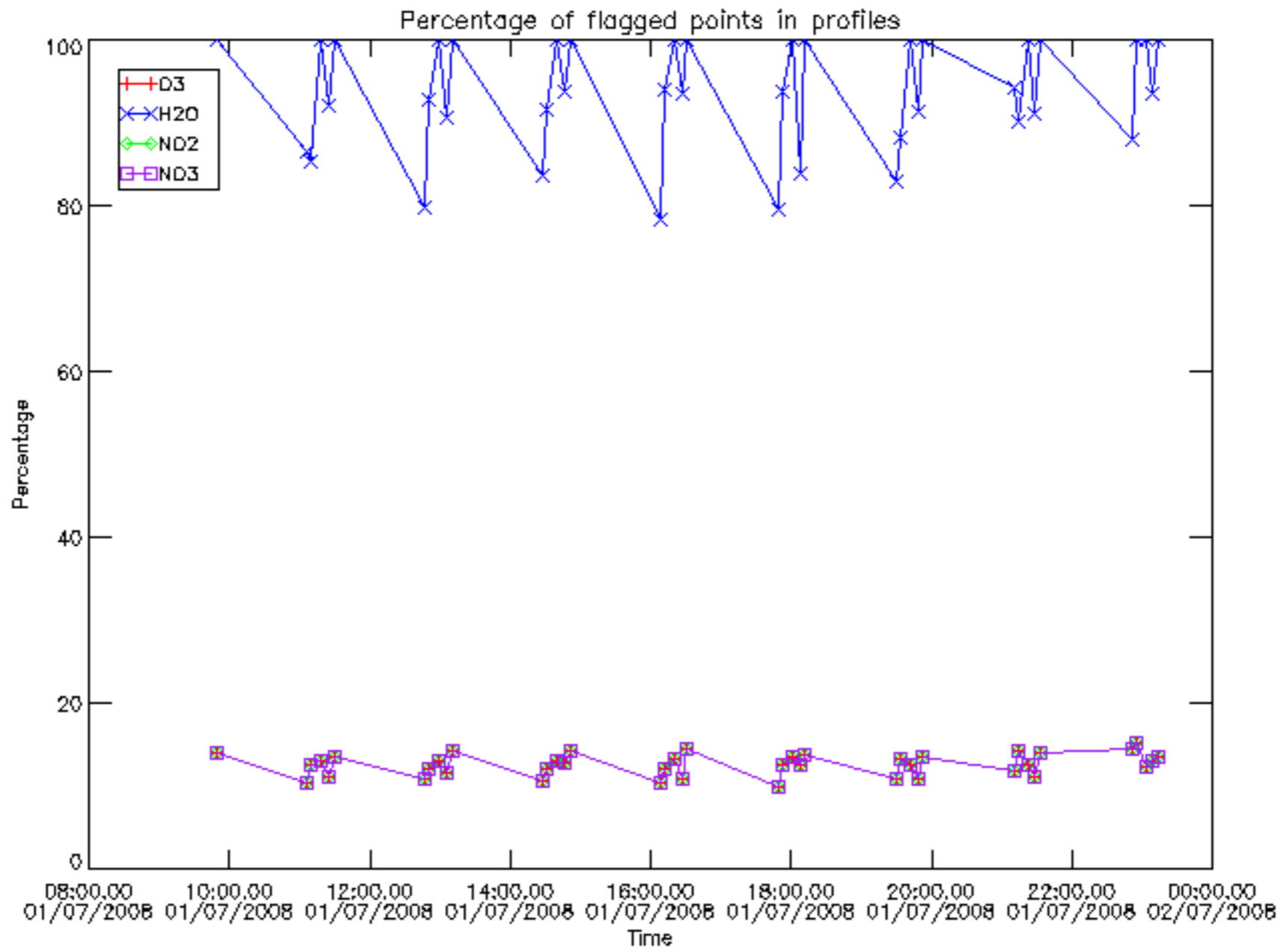




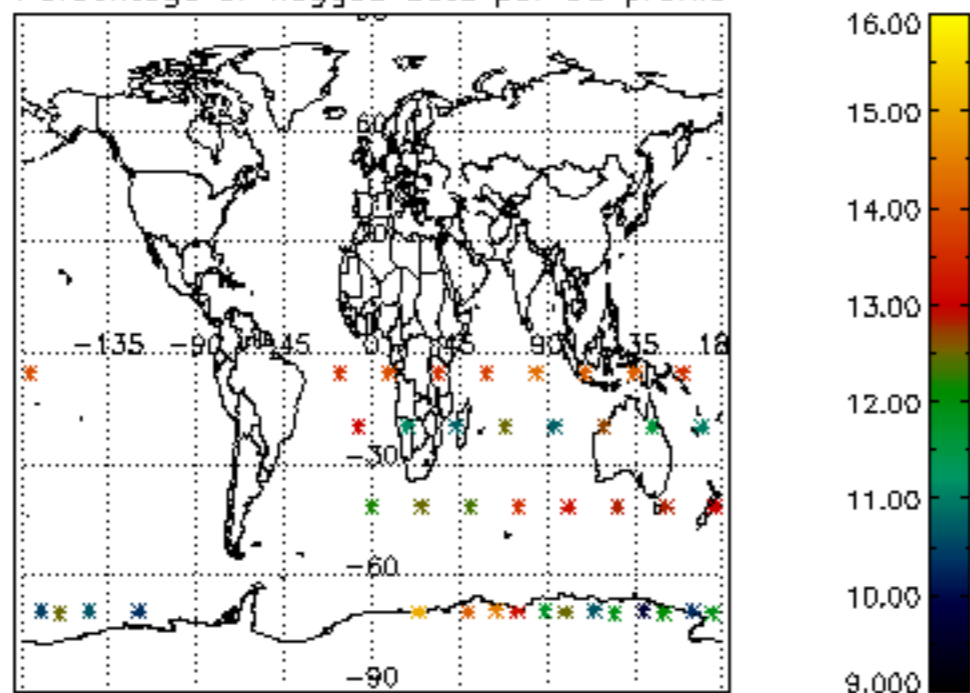




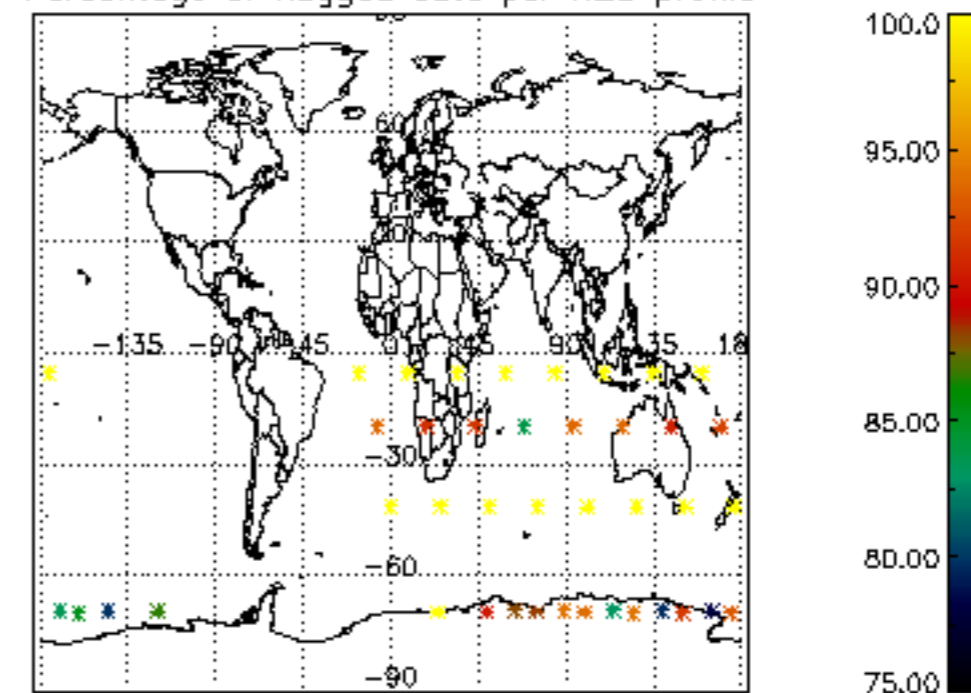




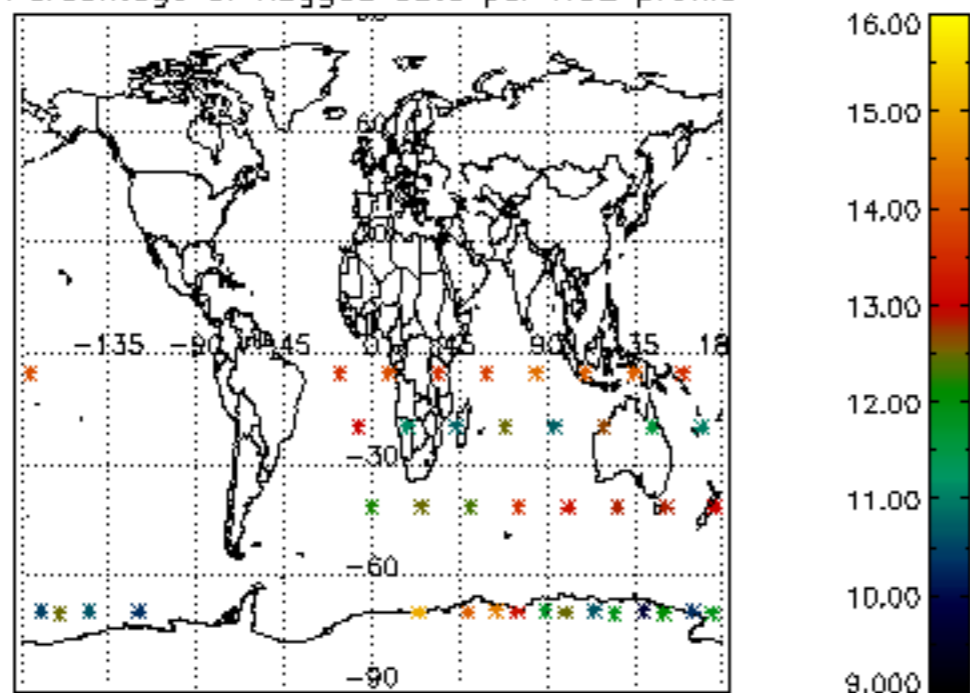
Percentage of flagged data per D3 profile



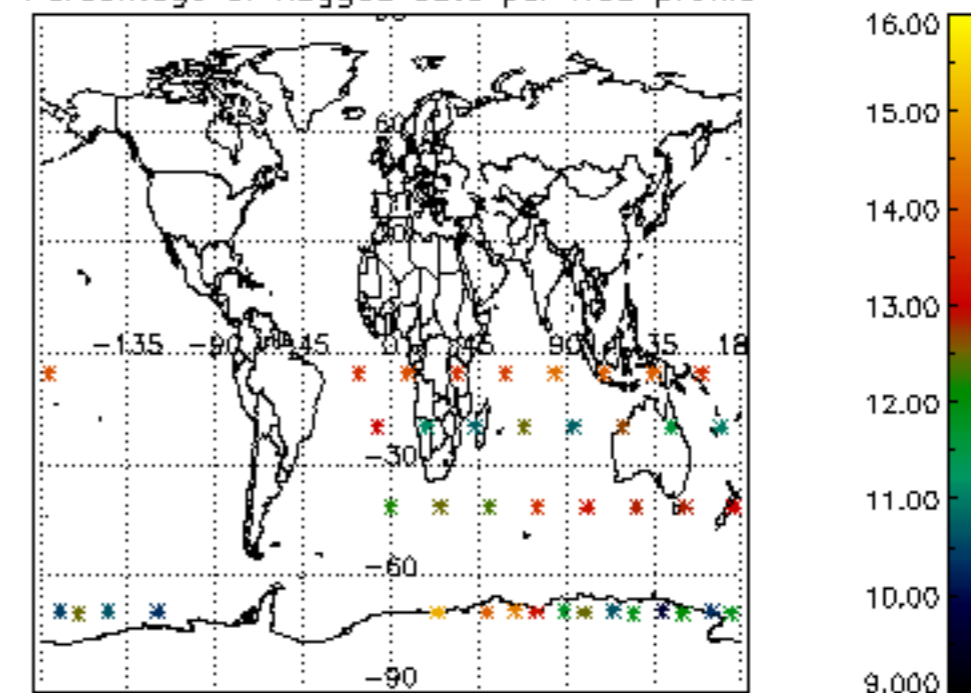
Percentage of flagged data per H2O profile

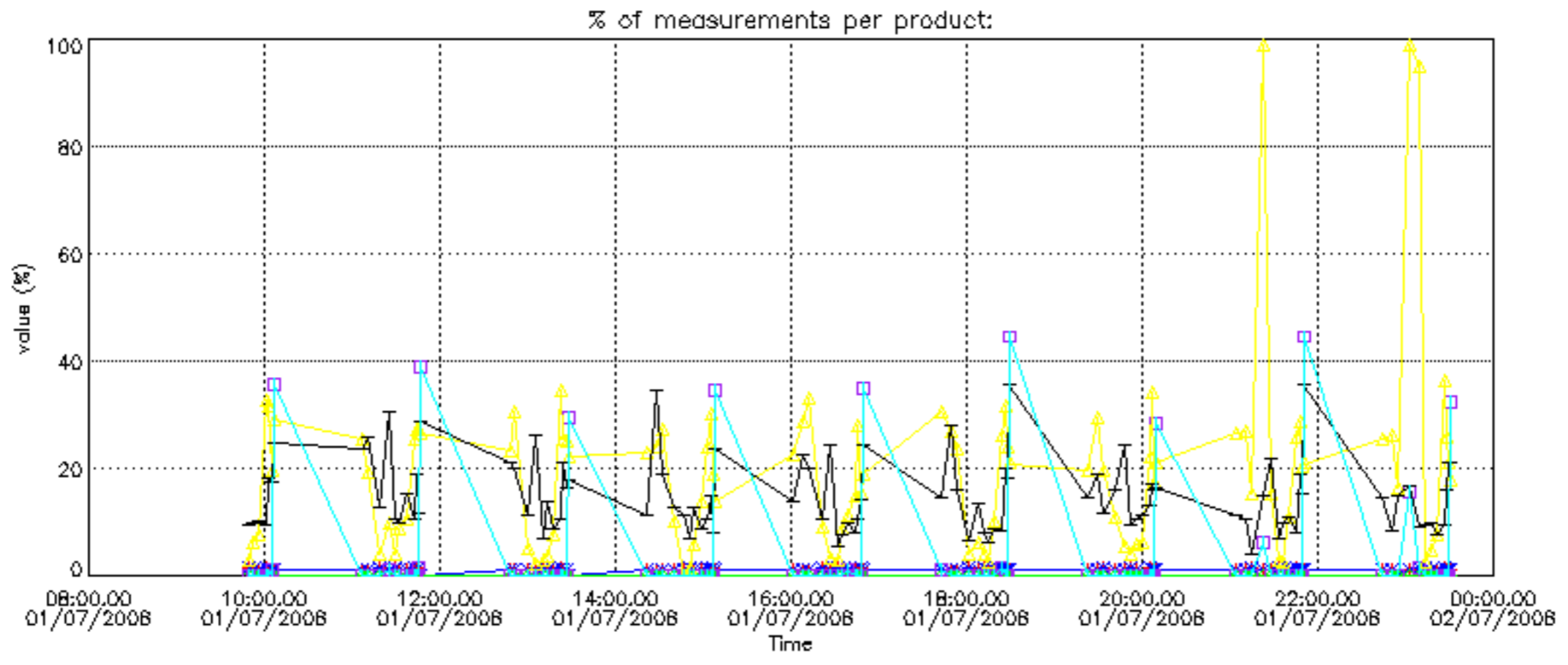


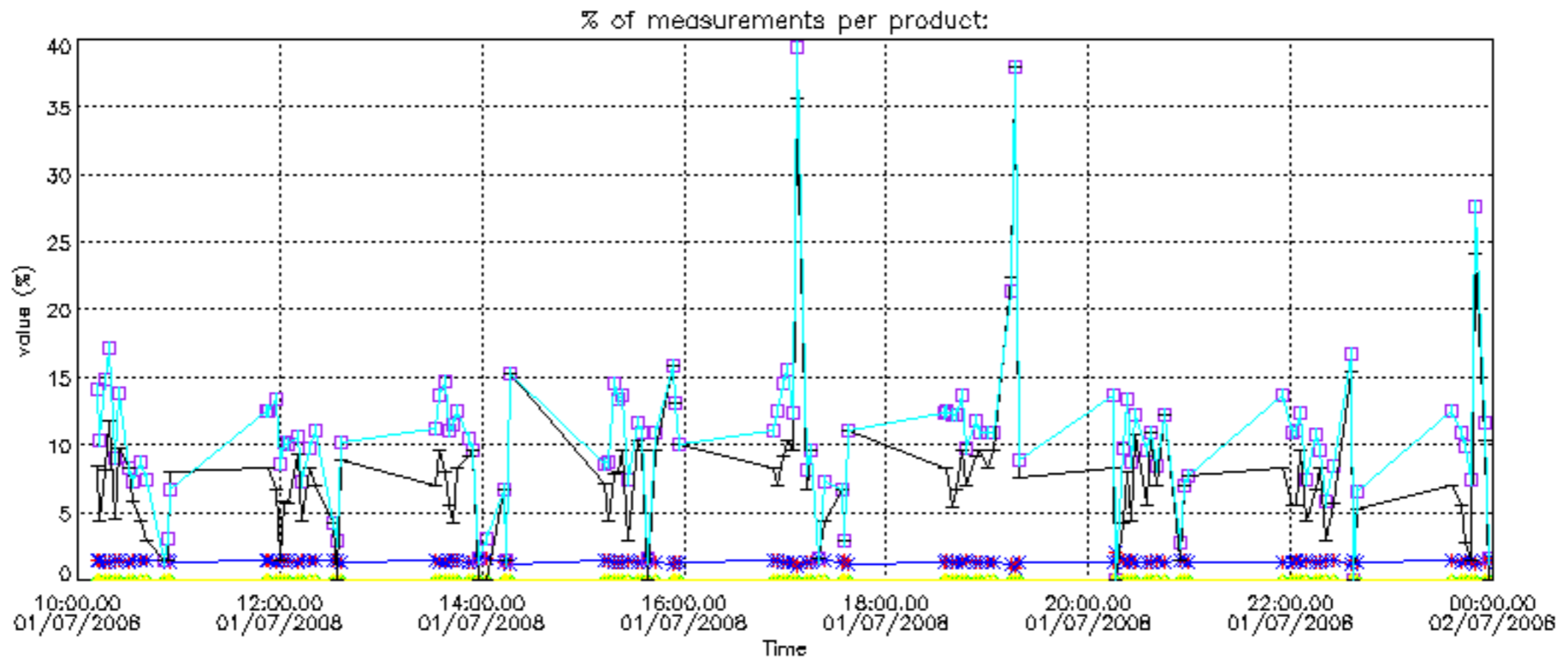
Percentage of flagged data per NO2 profile



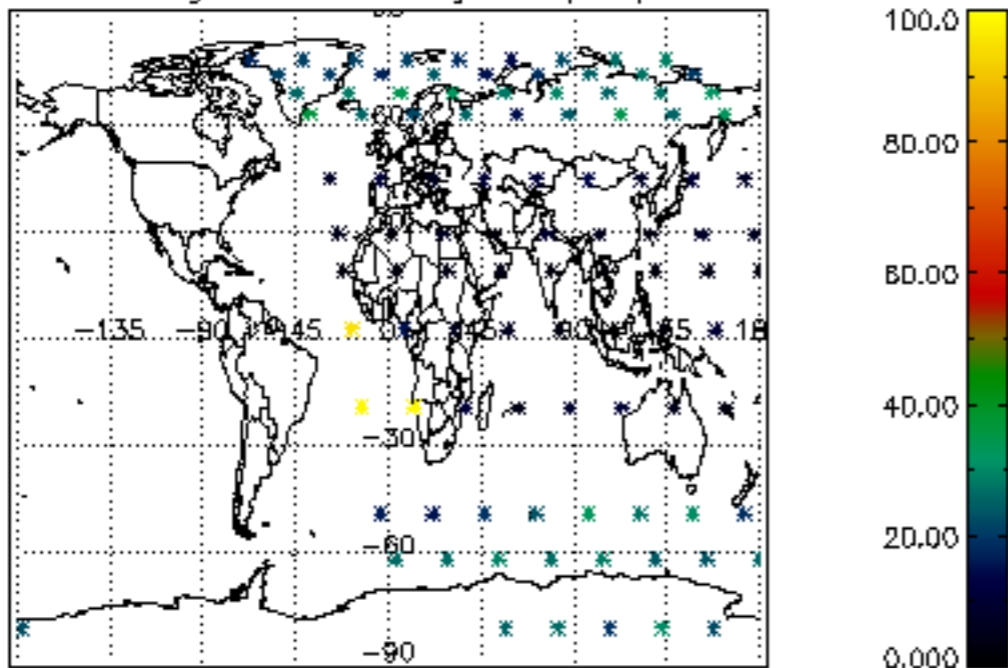
Percentage of flagged data per NO3 profile



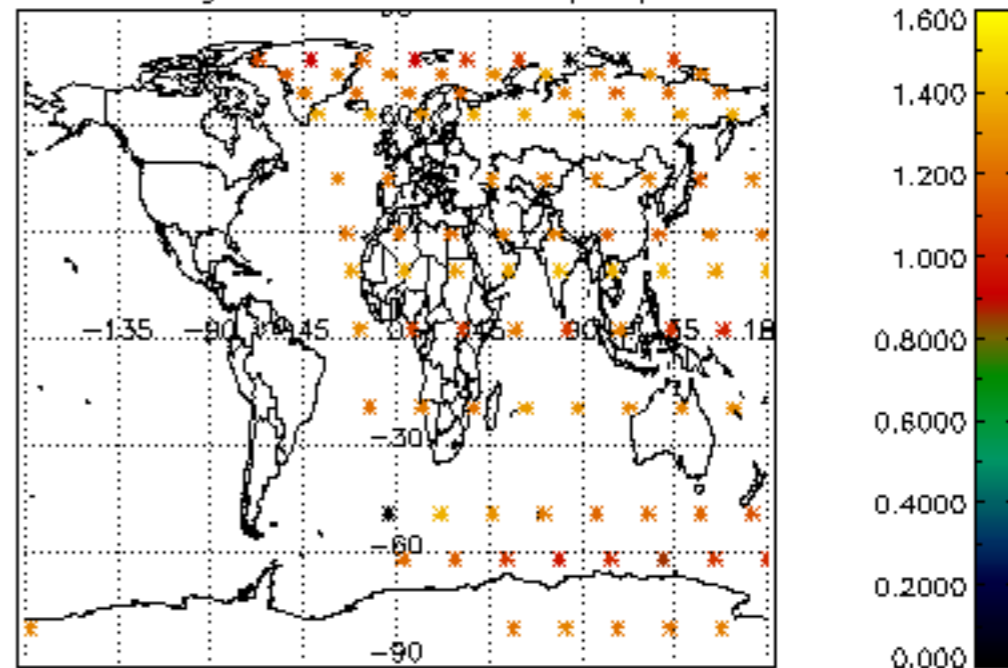




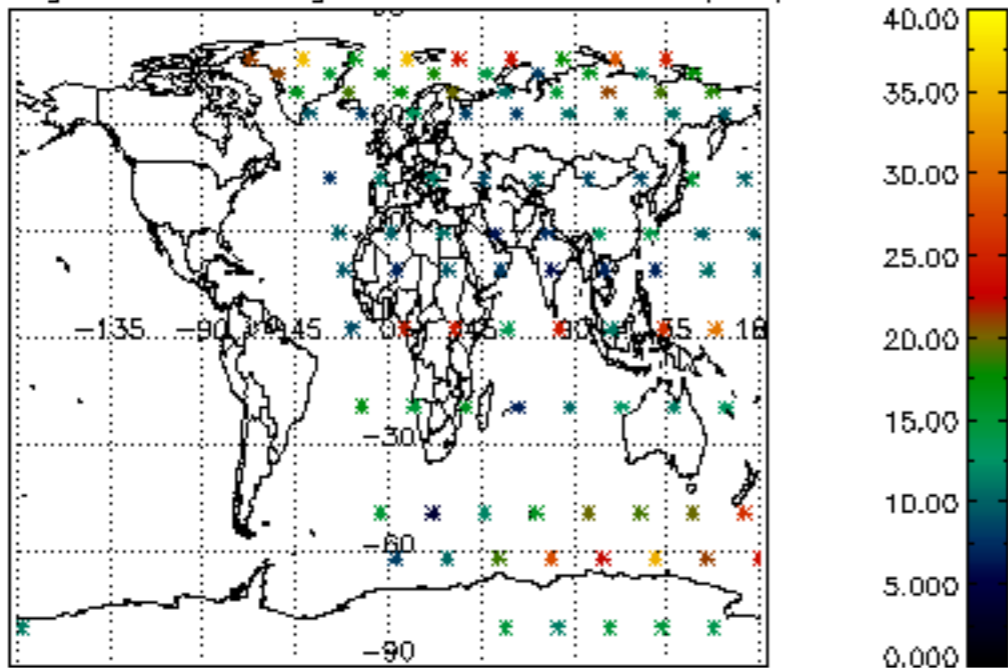
Percentage of cosmic ray hits per profile



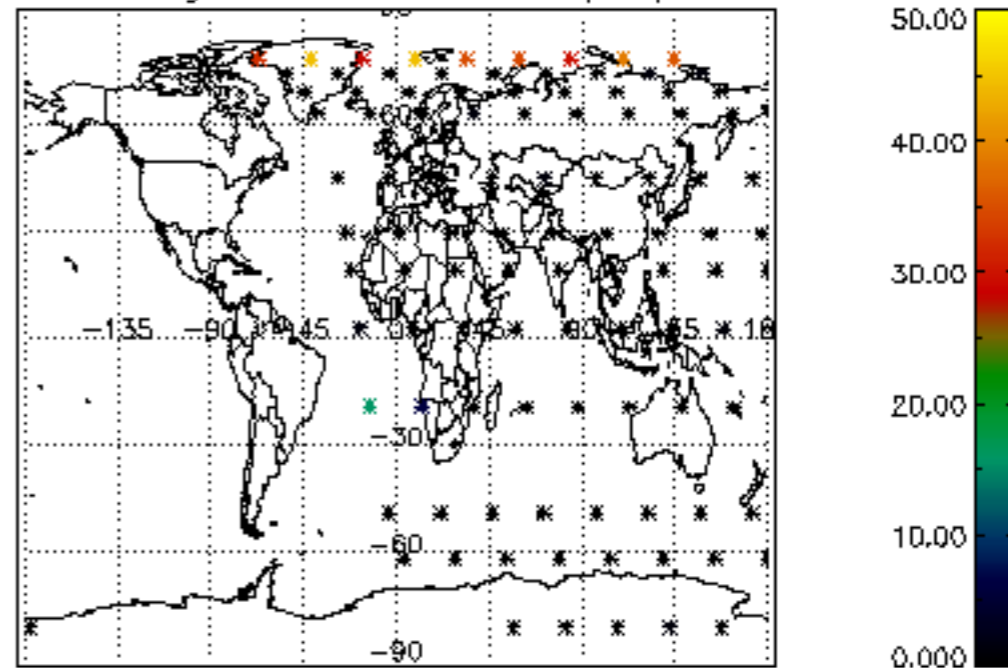
Percentage of datation errors per profile



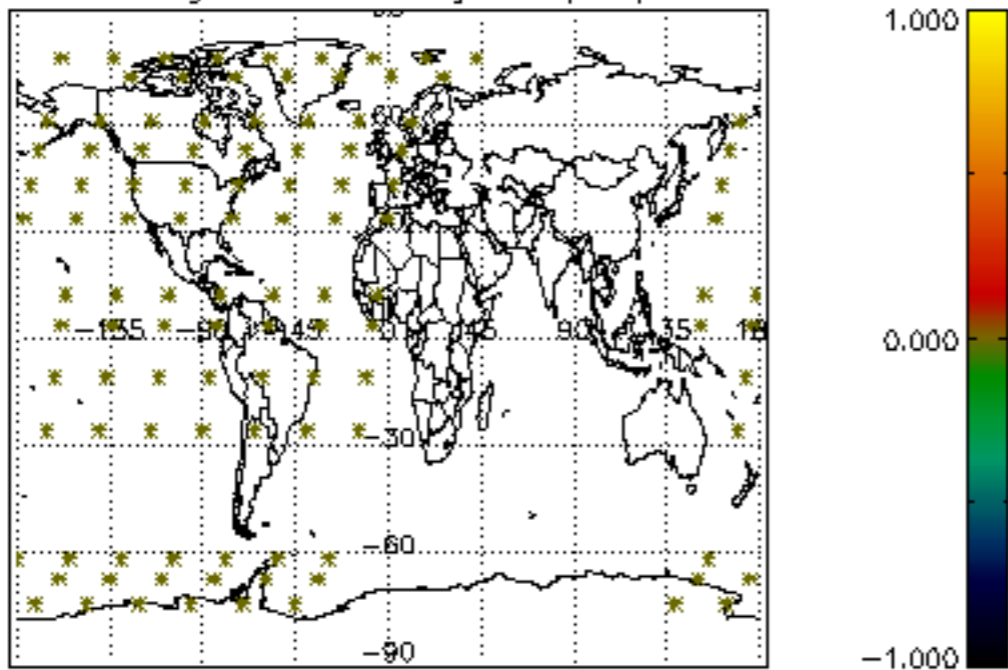
Percentage of star falling outside central band per profile



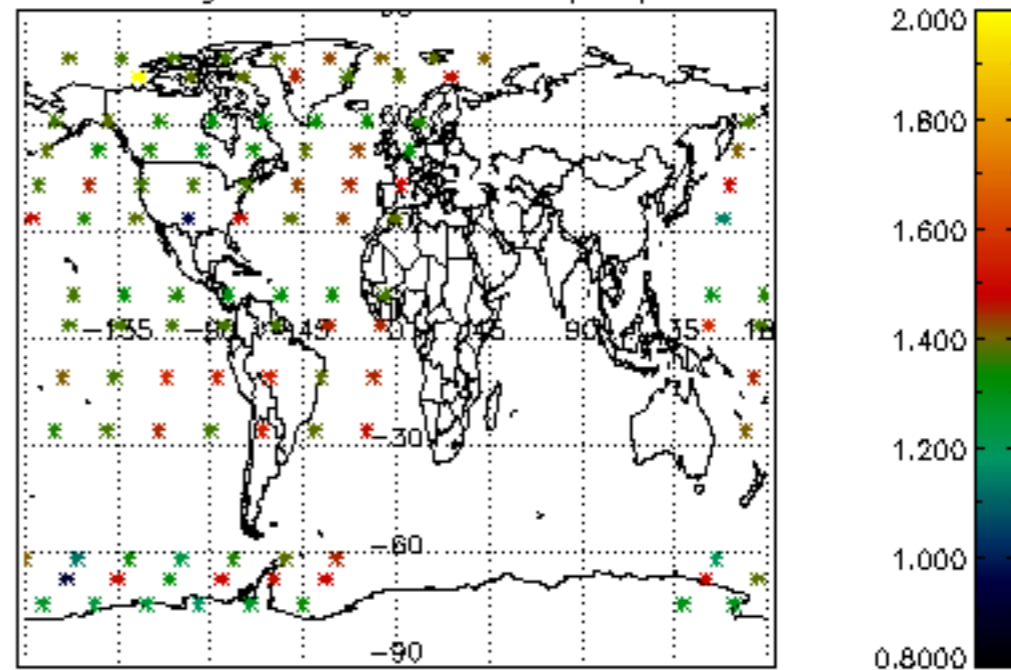
Percentage of saturation errors per profile



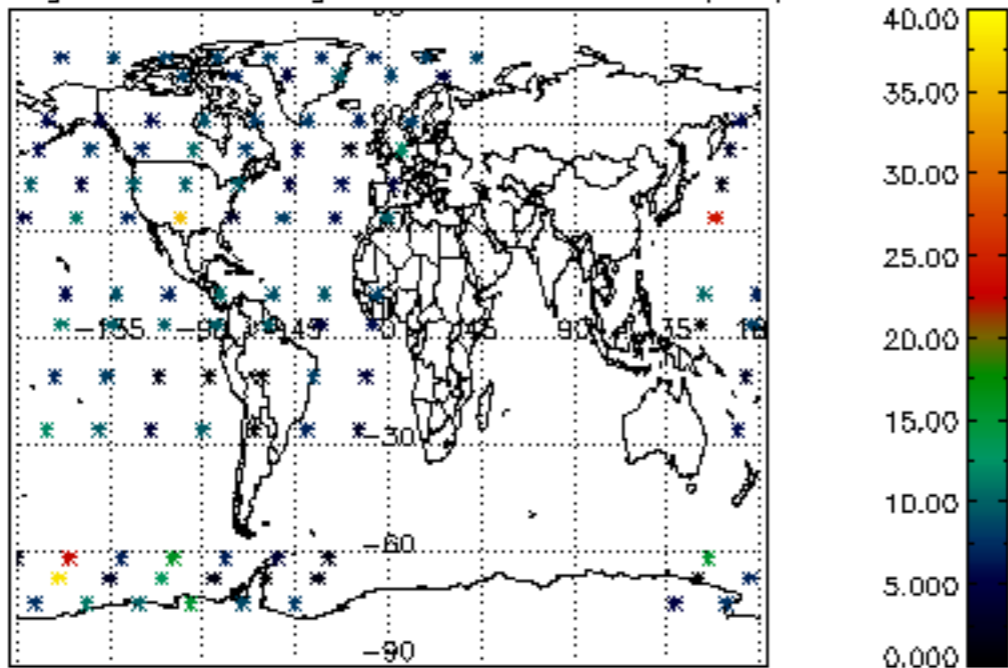
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

