

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	26APR2013 17:20:48
Data source version	GOMOS/6.01
Start time of products	12-02-2010 (12FEB2010 00:00:00)
Stop time of products	13-02-2010 (13FEB2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	188
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__2PRFIN20100212_000306_000000382086_00445_41581_4736.N1	12-FEB-2010 00:03:06	Dark	38.000	147	Alp Ara	2.8770	26000.	76	41581	No
2	GOM_NL__2PRFIN20100212_000434_000000492086_00445_41581_4737.N1	12-FEB-2010 00:04:34	Dark	48.500	141	Bet Ara	2.8400	4600.0	97	41581	No
3	GOM_NL__2PRFIN20100212_000614_000000472086_00446_41582_4726.N1	12-FEB-2010 00:06:14	Dark	46.500	131	Gam Lup	2.8000	26000.	93	41582	No
4	GOM_NL__2PRFIN20100212_001151_000000422086_00446_41582_4727.N1	12-FEB-2010 00:11:51	Dark	42.000	10	Bet Cen	0.61000	28000.	84	41582	No
5	GOM_NL__2PRFIN20100212_001626_000000472086_00446_41582_4728.N1	12-FEB-2010 00:16:26	Dark	46.500	64	Gam Cen	2.2000	10600.	93	41582	No
6	GOM_NL__2PRFIN20100212_002438_000000442086_00446_41582_4729.N1	12-FEB-2010 00:24:38	Straylight	44.000	65	Lam Vel	2.2040	4400.0	88	41582	No
7	GOM_NL__2PRFIN20100212_003044_000000422086_00446_41582_4730.N1	12-FEB-2010 00:30:44	Straylight	41.500	132	15Rho Pup	2.8030	6900.0	83	41582	No
8	GOM_NL__2PRFIN20100212_003448_000000522086_00446_41582_4731.N1	12-FEB-2010 00:34:48	Straylight	51.500	48	30Alp Hya	1.9770	4100.0	103	41582	No
9	GOM_NL__2PRFIN20100212_003913_000000482086_00446_41582_4732.N1	12-FEB-2010 00:39:13	Bright	47.500	8	10Alp CMi	0.40000	6500.0	95	41582	No
10	GOM_NL__2PRFIN20100212_004534_000000402086_00446_41582_4733.N1	12-FEB-2010 00:45:34	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	41582	No
11	GOM_NL__2PRFIN20100212_010259_000000372086_00446_41582_4734.N1	12-FEB-2010 01:02:59	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	41582	No
12	GOM_NL__2PRFIN20100212_101531_000000442086_00452_41588_4785.N1	12-FEB-2010 10:15:31	Dark	43.500	10	Bet Cen	0.61000	28000.	87	41588	No
13	GOM_NL__2PRFIN20100212_101841_000000422086_00452_41588_4786.N1	12-FEB-2010 10:18:41	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	41588	No
14	GOM_NL__2PRFIN20100212_102007_000000482086_00452_41588_4787.N1	12-FEB-2010 10:20:07	Dark	48.000	64	Gam Cen	2.2000	10600.	96	41588	No
15	GOM_NL__2PRFIN20100212_102456_000000372086_00452_41588_4788.N1	12-FEB-2010 10:24:56	Dark	36.500	91	Kap Vel	2.4900	26000.	73	41588	No
16	GOM_NL__2PRFIN20100212_102815_000000462086_00452_41588_4789.N1	12-FEB-2010 10:28:15	Straylight	45.500	65	Lam Vel	2.2040	4400.0	91	41588	No
17	GOM_NL__2PRFIN20100212_103421_000000412086_00452_41588_4790.N1	12-FEB-2010 10:34:21	Straylight	40.500	132	15Rho Pup	2.8030	6900.0	81	41588	No
18	GOM_NL__2PRFIN20100212_103824_000000502086_00452_41588_4791.N1	12-FEB-2010 10:38:24	Straylight	50.000	48	30Alp Hya	1.9770	4100.0	100	41588	No
19	GOM_NL__2PRFIN20100212_104250_000000522086_00452_41588_4792.N1	12-FEB-2010 10:42:50	Bright	52.000	8	10Alp CMi	0.40000	6500.0	104	41588	No
20	GOM_NL__2PRFIN20100212_104910_000000402086_00452_41588_4793.N1	12-FEB-2010 10:49:10	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	41588	No
21	GOM_NL__2PRFIN20100212_110635_000000342086_00452_41588_4794.N1	12-FEB-2010 11:06:35	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	41588	No
22	GOM_NL__2PRFIN20100212_111345_000000442086_00452_41588_4795.N1	12-FEB-2010 11:13:45	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	41588	No
23	GOM_NL__2PRFIN20100212_111723_000000442086_00452_41588_4796.N1	12-FEB-2010 11:17:23	Bright	44.000	130	23Bet Dra	2.7990	5800.0	88	41588	No
24	GOM_NL__2PRFIN20100212_112129_000000392086_00452_41588_4797.N1	12-FEB-2010 11:21:29	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	41588	No
25	GOM_NL__2PRFIN20100212_112819_000000332086_00452_41588_4798.N1	12-FEB-2010 11:28:19	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	41588	No
26	GOM_NL__2PRFIN20100212_113019_000000462086_00452_41588_4799.N1	12-FEB-2010 11:30:19	Bright	45.500	59	55Alp Oph	2.0800	8900.0	91	41588	No
27	GOM_NL__2PRFIN20100212_113233_000000482086_00452_41588_4800.N1	12-FEB-2010 11:32:33	Bright	47.500	126	60Bet Oph	2.7700	4250.0	95	41588	No
28	GOM_NL__2PRFIN20100212_113941_000000522086_00452_41588_4801.N1	12-FEB-2010 11:39:41	Dark	51.500	86	35Eta Oph	2.4300	10200.	103	41588	No
29	GOM_NL__2PRFIN20100212_114213_000000452086_00452_41588_4802.N1	12-FEB-2010 11:42:13	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	41588	No
30	GOM_NL__2PRFIN20100212_114412_000000432086_00452_41588_4803.N1	12-FEB-2010 11:44:12	Dark	42.500	25	35Lam Sco	1.6200	28000.	85	41588	No
31	GOM_NL__2PRFIN20100212_114532_000000422086_00452_41588_4804.N1	12-FEB-2010 11:45:32	Dark	42.000	40	The Sco	1.8590	7100.0	84	41588	No
32	GOM_NL__2PRFIN20100212_114720_000000412086_00452_41588_4805.N1	12-FEB-2010 11:47:20	Dark	40.500	147	Alp Ara	2.8770	26000.	81	41588	No
33	GOM_NL__2PRFIN20100212_114848_000000502086_00452_41588_4806.N1	12-FEB-2010 11:48:48	Dark	49.500	141	Bet Ara	2.8400	4600.0	99	41588	No
34	GOM_NL__2PRFIN20100212_115032_000000452086_00453_41589_4793.N1	12-FEB-2010 11:50:32	Dark	44.500	131	Gam Lup	2.8000	26000.	89	41589	No
35	GOM_NL__2PRFIN20100212_115607_000000462086_00453_41589_4794.N1	12-FEB-2010 11:56:07	Dark	46.000	10	Bet Cen	0.61000	28000.	92	41589	No
36	GOM_NL__2PRFIN20100212_115916_000000462086_00453_41589_4795.N1	12-FEB-2010 11:59:16	Dark	46.000	12	Alp1Cru	0.77500	30000.	92	41589	No
37	GOM_NL__2PRFIN20100212_120044_000000582086_00453_41589_4796.N1	12-FEB-2010 12:00:44	Dark	57.500	64	Gam Cen	2.2000	10600.	115	41589	No
38	GOM_NL__2PRFIN20100212_120533_000000382086_00453_41589_4797.N1	12-FEB-2010 12:05:33	Dark	38.000	91	Kap Vel	2.4900	26000.	76	41589	No
39	GOM_NL__2PRFIN20100212_120851_000000432086_00453_41589_4798.N1	12-FEB-2010 12:08:51	Straylight	43.000	65	Lam Vel	2.2040	4400.0	86	41589	No
40	GOM_NL__2PRFIN20100212_121457_000000402086_00453_41589_4799.N1	12-FEB-2010 12:14:57	Straylight	40.000	132	15Rho Pup	2.8030	6900.0	80	41589	No
41	GOM_NL__2PRFIN20100212_121859_000000542086_00453_41589_4800.N1	12-FEB-2010 12:18:59	Straylight	53.500	48	30Alp Hya	1.9770	4100.0	107	41589	No
42	GOM_NL__2PRFIN20100212_122326_000000522086_00453_41589_4801.N1	12-FEB-2010 12:23:26	Bright	52.000	8	10Alp CMi	0.40000	6500.0	104	41589	No

43	GOM_NL__2PRFIN20100212_122946_000000392086_00453_41589_4802.N1	12-FEB-2010 12:29:46	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	41589	No
44	GOM_NL__2PRFIN20100212_124711_000000332086_00453_41589_4803.N1	12-FEB-2010 12:47:11	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	41589	No
45	GOM_NL__2PRFIN20100212_124929_000000402086_00453_41589_4804.N1	12-FEB-2010 12:49:29	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	41589	No
46	GOM_NL__2PRFIN20100212_125421_000000442086_00453_41589_4805.N1	12-FEB-2010 12:54:21	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	41589	No
47	GOM_NL__2PRFIN20100212_125759_000000372086_00453_41589_4806.N1	12-FEB-2010 12:57:59	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	41589	No
48	GOM_NL__2PRFIN20100212_130205_000000422086_00453_41589_4807.N1	12-FEB-2010 13:02:05	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	41589	No
49	GOM_NL__2PRFIN20100212_130855_000000342086_00453_41589_4808.N1	12-FEB-2010 13:08:55	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	41589	No
50	GOM_NL__2PRFIN20100212_131055_000000622086_00453_41589_4809.N1	12-FEB-2010 13:10:55	Bright	62.000	59	55Alp Oph	2.0800	8900.0	124	41589	No
51	GOM_NL__2PRFIN20100212_131310_000000482086_00453_41589_4810.N1	12-FEB-2010 13:13:10	Bright	48.000	126	60Bet Oph	2.7700	4250.0	96	41589	No
52	GOM_NL__2PRFIN20100212_132018_000000512086_00453_41589_4811.N1	12-FEB-2010 13:20:18	Dark	50.500	86	35Eta Oph	2.4300	10200.	101	41589	No
53	GOM_NL__2PRFIN20100212_132249_000000452086_00453_41589_4812.N1	12-FEB-2010 13:22:49	Dark	44.500	38	20Eps Sgr	1.8360	11000.	89	41589	No
54	GOM_NL__2PRFIN20100212_132449_000000442086_00453_41589_4813.N1	12-FEB-2010 13:24:49	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	41589	No
55	GOM_NL__2PRFIN20100212_132608_000000432086_00453_41589_4814.N1	12-FEB-2010 13:26:08	Dark	43.000	40	The Sco	1.8590	7100.0	86	41589	No
56	GOM_NL__2PRFIN20100212_132756_000000422086_00453_41589_4815.N1	12-FEB-2010 13:27:56	Dark	41.500	147	Alp Ara	2.8770	26000.	83	41589	No
57	GOM_NL__2PRFIN20100212_132924_000000382086_00453_41589_4816.N1	12-FEB-2010 13:29:24	Dark	37.500	141	Bet Ara	2.8400	4600.0	75	41589	No
58	GOM_NL__2PRFIN20100212_133109_000000482086_00454_41590_4801.N1	12-FEB-2010 13:31:09	Dark	47.500	131	Gam Lup	2.8000	26000.	95	41590	No
59	GOM_NL__2PRFIN20100212_133643_000000512086_00454_41590_4802.N1	12-FEB-2010 13:36:43	Dark	50.500	10	Bet Cen	0.61000	28000.	101	41590	No
60	GOM_NL__2PRFIN20100212_133953_000000532086_00454_41590_4803.N1	12-FEB-2010 13:39:53	Dark	53.000	12	Alp1Cru	0.77500	30000.	106	41590	No
61	GOM_NL__2PRFIN20100212_134120_000000452086_00454_41590_4804.N1	12-FEB-2010 13:41:20	Dark	45.000	64	Gam Cen	2.2000	10600.	90	41590	No
62	GOM_NL__2PRFIN20100212_134609_000000382086_00454_41590_4805.N1	12-FEB-2010 13:46:09	Dark	38.000	91	Kap Vel	2.4900	26000.	76	41590	No
63	GOM_NL__2PRFIN20100212_134928_000000442086_00454_41590_4806.N1	12-FEB-2010 13:49:28	Straylight	44.000	65	Lam Vel	2.2040	4400.0	88	41590	No
64	GOM_NL__2PRFIN20100212_135533_000000442086_00454_41590_4807.N1	12-FEB-2010 13:55:33	Straylight	43.500	132	15Rho Pup	2.8030	6900.0	87	41590	No
65	GOM_NL__2PRFIN20100212_135935_000000522086_00454_41590_4808.N1	12-FEB-2010 13:59:35	Straylight	52.000	48	30Alp Hya	1.9770	4100.0	104	41590	No
66	GOM_NL__2PRFIN20100212_140402_000000522086_00454_41590_4809.N1	12-FEB-2010 14:04:02	Bright	52.000	8	10Alp CMi	0.40000	6500.0	104	41590	No
67	GOM_NL__2PRFIN20100212_141022_000000392086_00454_41590_4810.N1	12-FEB-2010 14:10:22	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	41590	No
68	GOM_NL__2PRFIN20100212_142747_000000372086_00454_41590_4811.N1	12-FEB-2010 14:27:47	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	41590	No
69	GOM_NL__2PRFIN20100212_143005_000000432086_00454_41590_4812.N1	12-FEB-2010 14:30:05	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41590	No
70	GOM_NL__2PRFIN20100212_143456_000000432086_00454_41590_4813.N1	12-FEB-2010 14:34:56	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	41590	No
71	GOM_NL__2PRFIN20100212_143835_000000392086_00454_41590_4814.N1	12-FEB-2010 14:38:35	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	41590	No
72	GOM_NL__2PRFIN20100212_144241_000000412086_00454_41590_4815.N1	12-FEB-2010 14:42:41	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	41590	No
73	GOM_NL__2PRFIN20100212_144931_000000342086_00454_41590_4816.N1	12-FEB-2010 14:49:31	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	41590	No
74	GOM_NL__2PRFIN20100212_145132_000000462086_00454_41590_4817.N1	12-FEB-2010 14:51:32	Bright	45.500	59	55Alp Oph	2.0800	8900.0	91	41590	No
75	GOM_NL__2PRFIN20100212_145346_000000462086_00454_41590_4818.N1	12-FEB-2010 14:53:46	Bright	46.000	126	60Bet Oph	2.7700	4250.0	92	41590	No
76	GOM_NL__2PRFIN20100212_150055_000000512086_00454_41590_4819.N1	12-FEB-2010 15:00:55	Dark	50.500	86	35Eta Oph	2.4300	10200.	101	41590	No
77	GOM_NL__2PRFIN20100212_150325_000000412086_00454_41590_4820.N1	12-FEB-2010 15:03:25	Dark	41.000	38	20Eps Sgr	1.8360	11000.	82	41590	No
78	GOM_NL__2PRFIN20100212_150526_000000452086_00454_41590_4821.N1	12-FEB-2010 15:05:26	Dark	44.500	25	35Lam Sco	1.6200	28000.	89	41590	No
79	GOM_NL__2PRFIN20100212_150832_000000422086_00454_41590_4822.N1	12-FEB-2010 15:08:32	Dark	41.500	147	Alp Ara	2.8770	26000.	83	41590	No
80	GOM_NL__2PRFIN20100212_151001_000000502086_00454_41590_4823.N1	12-FEB-2010 15:10:01	Dark	49.500	141	Bet Ara	2.8400	4600.0	99	41590	No
81	GOM_NL__2PRFIN20100212_151146_000000472086_00455_41591_4809.N1	12-FEB-2010 15:11:46	Dark	46.500	131	Gam Lup	2.8000	26000.	93	41591	No
82	GOM_NL__2PRFIN20100212_151720_000000462086_00455_41591_4810.N1	12-FEB-2010 15:17:20	Dark	45.500	10	Bet Cen	0.61000	28000.	91	41591	No
83	GOM_NL__2PRFIN20100212_152029_000000502086_00455_41591_4811.N1	12-FEB-2010 15:20:29	Dark	50.000	12	Alp1Cru	0.77500	30000.	100	41591	No
84	GOM_NL__2PRFIN20100212_152157_000000472086_00455_41591_4812.N1	12-FEB-2010 15:21:57	Dark	46.500	64	Gam Cen	2.2000	10600.	93	41591	No
85	GOM_NL__2PRFIN20100212_152645_000000382086_00455_41591_4813.N1	12-FEB-2010 15:26:45	Dark	38.000	91	Kap Vel	2.4900	26000.	76	41591	No
86	GOM_NL__2PRFIN20100212_153004_000000472086_00455_41591_4814.N1	12-FEB-2010 15:30:04	Straylight	47.000	65	Lam Vel	2.2040	4400.0	94	41591	No
87	GOM_NL__2PRFIN20100212_153609_000000442086_00455_41591_4815.N1	12-FEB-2010 15:36:09	Straylight	43.500	132	15Rho Pup	2.8030	6900.0	87	41591	No
88	GOM_NL__2PRFIN20100212_154011_000000492086_00455_41591_4816.N1	12-FEB-2010 15:40:11	Straylight	49.000	48	30Alp Hya	1.9770	4100.0	98	41591	No
89	GOM_NL__2PRFIN20100212_154438_000000522086_00455_41591_4817.N1	12-FEB-2010 15:44:38	Bright	52.000	8	10Alp CMi	0.40000	6500.0	104	41591	No
90	GOM_NL__2PRFIN20100212_155058_000000392086_00455_41591_4818.N1	12-FEB-2010 15:50:58	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	41591	No
91	GOM_NL__2PRFIN20100212_161041_000000452086_00455_41591_4819.N1	12-FEB-2010 16:10:41	Bright	45.000	60	7Bet UMi	2.0810	3950.0	90	41591	No
92	GOM_NL__2PRFIN20100212_161532_000000442086_00455_41591_4820.N1	12-FEB-2010 16:15:32	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	41591	No
93	GOM_NL__2PRFIN20100212_161911_000000442086_00455_41591_4821.N1	12-FEB-2010 16:19:11	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	41591	No
94	GOM_NL__2PRFIN20100212_162317_000000412086_00455_41591_4822.N1	12-FEB-2010 16:23:17	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	41591	No
95	GOM_NL__2PRFIN20100212_163007_000000352086_00455_41591_4823.N1	12-FEB-2010 16:30:07	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	41591	No
96	GOM_NL__2PRFIN20100212_163208_000000472086_00455_41591_4824.N1	12-FEB-2010 16:32:08	Bright	46.500	59	55Alp Oph	2.0800	8900.0	93	41591	No
97	GOM_NL__2PRFIN20100212_163423_000000482086_00455_41591_4825.N1	12-FEB-2010 16:34:23	Bright	48.000	126	60Bet Oph	2.7700	4250.0	96	41591	No
98	GOM_NL__2PRFIN20100212_164131_000000492086_00455_41591_4826.N1	12-FEB-2010 16:41:31	Dark	48.500	86	35Eta Oph	2.4300	10200.	97	41591	No
99	GOM_NL__2PRFIN20100212_164402_000000432086_00455_41591_4827.N1	12-FEB-2010 16:44:02	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	41591	No
100	GOM_NL__2PRFIN20100212_164602_000000432086_00455_41591_4828.N1	12-FEB-2010 16:46:02	Dark	42.500	25	35Lam Sco	1.6200	28000.	85	41591	No
101	GOM_NL__2PRFIN20100212_164909_000000392086_00455_41591_4829.N1	12-FEB-2010 16:49:09	Dark	38.500	147	Alp Ara	2.8770	26000.	77	41591	No

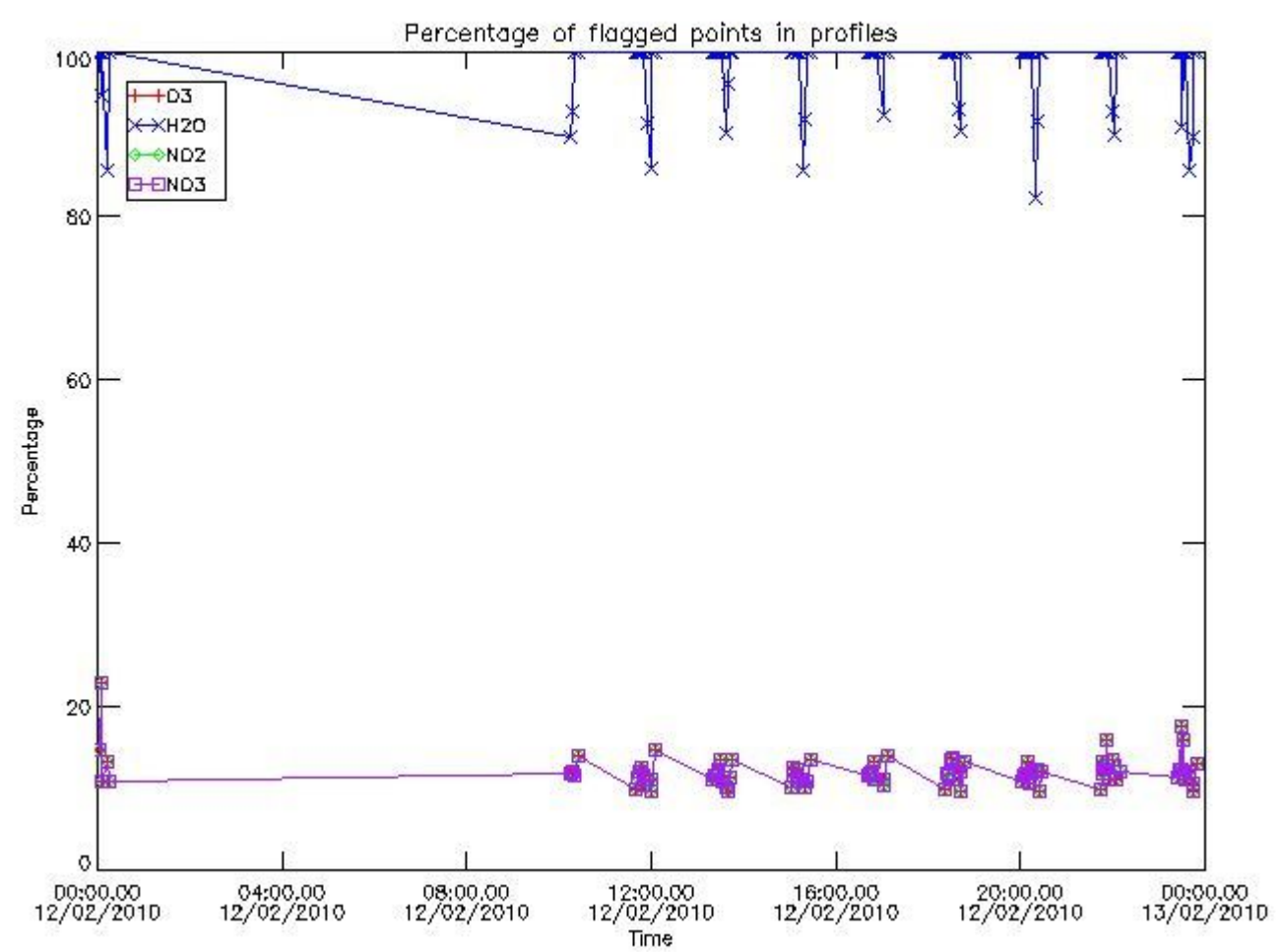
102	GOM_NL__2PRFIN20100212_165037_000000462086_00455_41591_4830.N1	12-FEB-2010 16:50:37	Dark	45.500	141	Bet Ara	2.8400	4600.0	91	41591	No
103	GOM_NL__2PRFIN20100212_165223_000000462086_00456_41592_4817.N1	12-FEB-2010 16:52:23	Dark	46.000	131	Gam Lup	2.8000	26000.	92	41592	No
104	GOM_NL__2PRFIN20100212_170106_000000462086_00456_41592_4818.N1	12-FEB-2010 17:01:06	Dark	45.500	12	Alp1Cru	0.77500	30000.	91	41592	No
105	GOM_NL__2PRFIN20100212_170234_000000502086_00456_41592_4819.N1	12-FEB-2010 17:02:34	Dark	49.500	64	Gam Cen	2.2000	10600.	99	41592	No
106	GOM_NL__2PRFIN20100212_170721_000000402086_00456_41592_4820.N1	12-FEB-2010 17:07:21	Dark	40.000	91	Kap Vel	2.4900	26000.	80	41592	No
107	GOM_NL__2PRFIN20100212_171040_000000492086_00456_41592_4821.N1	12-FEB-2010 17:10:40	Straylight	49.000	65	Lam Vel	2.2040	4400.0	98	41592	No
108	GOM_NL__2PRFIN20100212_172047_000000552086_00456_41592_4822.N1	12-FEB-2010 17:20:47	Straylight	54.500	48	30Alp Hya	1.9770	4100.0	109	41592	No
109	GOM_NL__2PRFIN20100212_173134_000000392086_00456_41592_4823.N1	12-FEB-2010 17:31:34	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	41592	No
110	GOM_NL__2PRFIN20100212_174858_000000382086_00456_41592_4824.N1	12-FEB-2010 17:48:58	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	41592	No
111	GOM_NL__2PRFIN20100212_175116_000000412086_00456_41592_4825.N1	12-FEB-2010 17:51:16	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	41592	No
112	GOM_NL__2PRFIN20100212_175607_000000452086_00456_41592_4826.N1	12-FEB-2010 17:56:07	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	41592	No
113	GOM_NL__2PRFIN20100212_175946_000000582086_00456_41592_4827.N1	12-FEB-2010 17:59:46	Bright	58.000	130	23Bet Dra	2.7990	5800.0	116	41592	No
114	GOM_NL__2PRFIN20100212_180353_000000382086_00456_41592_4828.N1	12-FEB-2010 18:03:53	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	41592	No
115	GOM_NL__2PRFIN20100212_182208_000000522086_00456_41592_4829.N1	12-FEB-2010 18:22:08	Dark	52.000	86	35Eta Oph	2.4300	10200.	104	41592	No
116	GOM_NL__2PRFIN20100212_182437_000000442086_00456_41592_4830.N1	12-FEB-2010 18:24:37	Dark	43.500	38	20Eps Sgr	1.8360	11000.	87	41592	No
117	GOM_NL__2PRFIN20100212_182638_000000452086_00456_41592_4831.N1	12-FEB-2010 18:26:38	Dark	44.500	25	35Lam Sco	1.6200	28000.	89	41592	No
118	GOM_NL__2PRFIN20100212_182757_000000442086_00456_41592_4832.N1	12-FEB-2010 18:27:57	Dark	44.000	40	The Sco	1.8590	7100.0	88	41592	No
119	GOM_NL__2PRFIN20100212_182945_000000422086_00456_41592_4833.N1	12-FEB-2010 18:29:45	Dark	41.500	147	Alp Ara	2.8770	26000.	83	41592	No
120	GOM_NL__2PRFIN20100212_183113_000000492086_00456_41592_4834.N1	12-FEB-2010 18:31:13	Dark	48.500	141	Bet Ara	2.8400	4600.0	97	41592	No
121	GOM_NL__2PRFIN20100212_183300_000000462086_00457_41593_4845.N1	12-FEB-2010 18:33:00	Dark	46.000	131	Gam Lup	2.8000	26000.	92	41593	No
122	GOM_NL__2PRFIN20100212_183833_000000432086_00457_41593_4846.N1	12-FEB-2010 18:38:33	Dark	43.000	10	Bet Cen	0.61000	28000.	86	41593	No
123	GOM_NL__2PRFIN20100212_184143_000000422086_00457_41593_4847.N1	12-FEB-2010 18:41:43	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	41593	No
124	GOM_NL__2PRFIN20100212_184311_000000532086_00457_41593_4848.N1	12-FEB-2010 18:43:11	Dark	52.500	64	Gam Cen	2.2000	10600.	105	41593	No
125	GOM_NL__2PRFIN20100212_184757_000000422086_00457_41593_4849.N1	12-FEB-2010 18:47:57	Dark	42.000	91	Kap Vel	2.4900	26000.	84	41593	No
126	GOM_NL__2PRFIN20100212_185116_000000442086_00457_41593_4850.N1	12-FEB-2010 18:51:16	Straylight	43.500	65	Lam Vel	2.2040	4400.0	87	41593	No
127	GOM_NL__2PRFIN20100212_190123_000000532086_00457_41593_4851.N1	12-FEB-2010 19:01:23	Straylight	53.000	48	30Alp Hya	1.9770	4100.0	106	41593	No
128	GOM_NL__2PRFIN20100212_191210_000000392086_00457_41593_4852.N1	12-FEB-2010 19:12:10	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	41593	No
129	GOM_NL__2PRFIN20100212_192934_000000382086_00457_41593_4853.N1	12-FEB-2010 19:29:34	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	41593	No
130	GOM_NL__2PRFIN20100212_193152_000000422086_00457_41593_4854.N1	12-FEB-2010 19:31:52	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	41593	No
131	GOM_NL__2PRFIN20100212_193643_000000412086_00457_41593_4855.N1	12-FEB-2010 19:36:43	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	41593	No
132	GOM_NL__2PRFIN20100212_194022_000000432086_00457_41593_4856.N1	12-FEB-2010 19:40:22	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	41593	No
133	GOM_NL__2PRFIN20100212_194429_000000382086_00457_41593_4857.N1	12-FEB-2010 19:44:29	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	41593	No
134	GOM_NL__2PRFIN20100212_195120_000000342086_00457_41593_4858.N1	12-FEB-2010 19:51:20	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	41593	No
135	GOM_NL__2PRFIN20100212_200245_000000472086_00457_41593_4859.N1	12-FEB-2010 20:02:45	Dark	46.500	86	35Eta Oph	2.4300	10200.	93	41593	No
136	GOM_NL__2PRFIN20100212_200514_000000442086_00457_41593_4860.N1	12-FEB-2010 20:05:14	Dark	44.000	38	20Eps Sgr	1.8360	11000.	88	41593	No
137	GOM_NL__2PRFIN20100212_200715_000000442086_00457_41593_4861.N1	12-FEB-2010 20:07:15	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	41593	No
138	GOM_NL__2PRFIN20100212_200834_000000452086_00457_41593_4862.N1	12-FEB-2010 20:08:34	Dark	45.000	40	The Sco	1.8590	7100.0	90	41593	No
139	GOM_NL__2PRFIN20100212_201021_000000392086_00457_41593_4863.N1	12-FEB-2010 20:10:21	Dark	38.500	147	Alp Ara	2.8770	26000.	77	41593	No
140	GOM_NL__2PRFIN20100212_201150_000000492086_00457_41593_4864.N1	12-FEB-2010 20:11:50	Dark	48.500	141	Bet Ara	2.8400	4600.0	97	41593	No
141	GOM_NL__2PRFIN20100212_201337_000000462086_00458_41594_4853.N1	12-FEB-2010 20:13:37	Dark	45.500	131	Gam Lup	2.8000	26000.	91	41594	No
142	GOM_NL__2PRFIN20100212_201910_000000432086_00458_41594_4854.N1	12-FEB-2010 20:19:10	Dark	42.500	10	Bet Cen	0.61000	28000.	85	41594	No
143	GOM_NL__2PRFIN20100212_202219_000000422086_00458_41594_4855.N1	12-FEB-2010 20:22:19	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	41594	No
144	GOM_NL__2PRFIN20100212_202347_000000532086_00458_41594_4856.N1	12-FEB-2010 20:23:47	Dark	53.000	64	Gam Cen	2.2000	10600.	106	41594	No
145	GOM_NL__2PRFIN20100212_202833_000000432086_00458_41594_4857.N1	12-FEB-2010 20:28:33	Dark	42.500	91	Kap Vel	2.4900	26000.	85	41594	No
146	GOM_NL__2PRFIN20100212_203153_000000462086_00458_41594_4858.N1	12-FEB-2010 20:31:53	Straylight	46.000	65	Lam Vel	2.2040	4400.0	92	41594	No
147	GOM_NL__2PRFIN20100212_204159_000000532086_00458_41594_4859.N1	12-FEB-2010 20:41:59	Straylight	52.500	48	30Alp Hya	1.9770	4100.0	105	41594	No
148	GOM_NL__2PRFIN20100212_205246_000000402086_00458_41594_4860.N1	12-FEB-2010 20:52:46	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	41594	No
149	GOM_NL__2PRFIN20100212_211010_000000332086_00458_41594_4861.N1	12-FEB-2010 21:10:10	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	41594	No
150	GOM_NL__2PRFIN20100212_211227_000000372086_00458_41594_4862.N1	12-FEB-2010 21:12:27	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	41594	No
151	GOM_NL__2PRFIN20100212_211719_000000402086_00458_41594_4863.N1	12-FEB-2010 21:17:19	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	41594	No
152	GOM_NL__2PRFIN20100212_212058_000000372086_00458_41594_4864.N1	12-FEB-2010 21:20:58	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	41594	No
153	GOM_NL__2PRFIN20100212_212505_000000422086_00458_41594_4865.N1	12-FEB-2010 21:25:05	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	41594	No
154	GOM_NL__2PRFIN20100212_213156_000000522086_00458_41594_4866.N1	12-FEB-2010 21:31:56	Bright	52.000	168	17Zet Aql	2.9860	11000.	104	41594	No
155	GOM_NL__2PRFIN20100212_213612_000000482086_00458_41594_4867.N1	12-FEB-2010 21:36:12	Bright	47.500	126	60Bet Oph	2.7700	4250.0	95	41594	No
156	GOM_NL__2PRFIN20100212_214321_000000512086_00458_41594_4868.N1	12-FEB-2010 21:43:21	Dark	51.000	86	35Eta Oph	2.4300	10200.	102	41594	No
157	GOM_NL__2PRFIN20100212_214550_000000432086_00458_41594_4869.N1	12-FEB-2010 21:45:50	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	41594	No
158	GOM_NL__2PRFIN20100212_214751_000000502086_00458_41594_4870.N1	12-FEB-2010 21:47:51	Dark	49.500	25	35Lam Sco	1.6200	28000.	99	41594	No
159	GOM_NL__2PRFIN20100212_214910_000000502086_00458_41594_4871.N1	12-FEB-2010 21:49:10	Dark	49.500	40	The Sco	1.8590	7100.0	99	41594	No
160	GOM_NL__2PRFIN20100212_215057_000000402086_00458_41594_4872.N1	12-FEB-2010 21:50:57	Dark	40.000	147	Alp Ara	2.8770	26000.	80	41594	No

161	GOM_NL__2PRFIN20100212_215226_000000482086_00458_41594_4873.N1	12-FEB-2010 21:52:26	Dark	48.000	141	Bet Ara	2.8400	4600.0	96	41594	No
162	GOM_NL__2PRFIN20100212_215414_000000462086_00459_41595_4861.N1	12-FEB-2010 21:54:14	Dark	45.500	131	Gam Lup	2.8000	26000.	91	41595	No
163	GOM_NL__2PRFIN20100212_215946_000000422086_00459_41595_4862.N1	12-FEB-2010 21:59:46	Dark	41.500	10	Bet Cen	0.61000	28000.	83	41595	No
164	GOM_NL__2PRFIN20100212_220255_000000402086_00459_41595_4863.N1	12-FEB-2010 22:02:55	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	41595	No
165	GOM_NL__2PRFIN20100212_220424_000000462086_00459_41595_4864.N1	12-FEB-2010 22:04:24	Dark	46.000	64	Gam Cen	2.2000	10600.	92	41595	No
166	GOM_NL__2PRFIN20100212_220910_000000422086_00459_41595_4865.N1	12-FEB-2010 22:09:10	Dark	42.000	91	Kap Vel	2.4900	26000.	84	41595	No
167	GOM_NL__2PRFIN20100212_221229_000000452086_00459_41595_4866.N1	12-FEB-2010 22:12:29	Straylight	45.000	65	Lam Vel	2.2040	4400.0	90	41595	No
168	GOM_NL__2PRFIN20100212_222235_000000542086_00459_41595_4867.N1	12-FEB-2010 22:22:35	Straylight	53.500	48	30Alp Hya	1.9770	4100.0	107	41595	No
169	GOM_NL__2PRFIN20100212_223322_000000392086_00459_41595_4868.N1	12-FEB-2010 22:33:22	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	41595	No
170	GOM_NL__2PRFIN20100212_225046_000000342086_00459_41595_4869.N1	12-FEB-2010 22:50:46	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	41595	No
171	GOM_NL__2PRFIN20100212_225303_000000432086_00459_41595_4870.N1	12-FEB-2010 22:53:03	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	41595	No
172	GOM_NL__2PRFIN20100212_225754_000000402086_00459_41595_4871.N1	12-FEB-2010 22:57:54	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	41595	No
173	GOM_NL__2PRFIN20100212_230134_000000422086_00459_41595_4872.N1	12-FEB-2010 23:01:34	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	41595	No
174	GOM_NL__2PRFIN20100212_230541_000000392086_00459_41595_4873.N1	12-FEB-2010 23:05:41	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	41595	No
175	GOM_NL__2PRFIN20100212_231232_000000522086_00459_41595_4874.N1	12-FEB-2010 23:12:32	Bright	52.000	168	17Zet Aql	2.9860	11000.	104	41595	No
176	GOM_NL__2PRFIN20100212_231648_000000482086_00459_41595_4875.N1	12-FEB-2010 23:16:48	Bright	47.500	126	60Bet Oph	2.7700	4250.0	95	41595	No
177	GOM_NL__2PRFIN20100212_232358_000000542086_00459_41595_4876.N1	12-FEB-2010 23:23:58	Dark	53.500	86	35Eta Oph	2.4300	10200.	107	41595	No
178	GOM_NL__2PRFIN20100212_232626_000000422086_00459_41595_4877.N1	12-FEB-2010 23:26:26	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	41595	No
179	GOM_NL__2PRFIN20100212_232828_000000492086_00459_41595_4878.N1	12-FEB-2010 23:28:28	Dark	49.000	25	35Lam Sco	1.6200	28000.	98	41595	No
180	GOM_NL__2PRFIN20100212_232946_000000502086_00459_41595_4879.N1	12-FEB-2010 23:29:46	Dark	49.500	40	The Sco	1.8590	7100.0	99	41595	No
181	GOM_NL__2PRFIN20100212_233134_000000392086_00459_41595_4880.N1	12-FEB-2010 23:31:34	Dark	38.500	147	Alp Ara	2.8770	26000.	77	41595	No
182	GOM_NL__2PRFIN20100212_233302_000000432086_00459_41595_4881.N1	12-FEB-2010 23:33:02	Dark	43.000	141	Bet Ara	2.8400	4600.0	86	41595	No
183	GOM_NL__2PRFIN20100212_233451_000000462086_00460_41596_4869.N1	12-FEB-2010 23:34:51	Dark	45.500	131	Gam Lup	2.8000	26000.	91	41596	No
184	GOM_NL__2PRFIN20100212_234023_000000422086_00460_41596_4870.N1	12-FEB-2010 23:40:23	Dark	42.000	10	Bet Cen	0.61000	28000.	84	41596	No
185	GOM_NL__2PRFIN20100212_234331_000000492086_00460_41596_4871.N1	12-FEB-2010 23:43:31	Dark	48.500	12	Alp1Cru	0.77500	30000.	97	41596	No
186	GOM_NL__2PRFIN20100212_234501_000000532086_00460_41596_4872.N1	12-FEB-2010 23:45:01	Dark	52.500	64	Gam Cen	2.2000	10600.	105	41596	No
187	GOM_NL__2PRFIN20100212_234946_000000402086_00460_41596_4873.N1	12-FEB-2010 23:49:46	Dark	39.500	91	Kap Vel	2.4900	26000.	79	41596	No
188	GOM_NL__2PRFIN20100212_235305_000000442086_00460_41596_4874.N1	12-FEB-2010 23:53:05	Straylight	43.500	65	Lam Vel	2.2040	4400.0	87	41596	No

3. Quality information per product

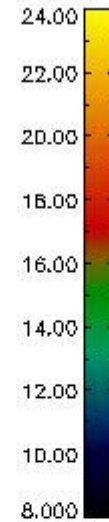
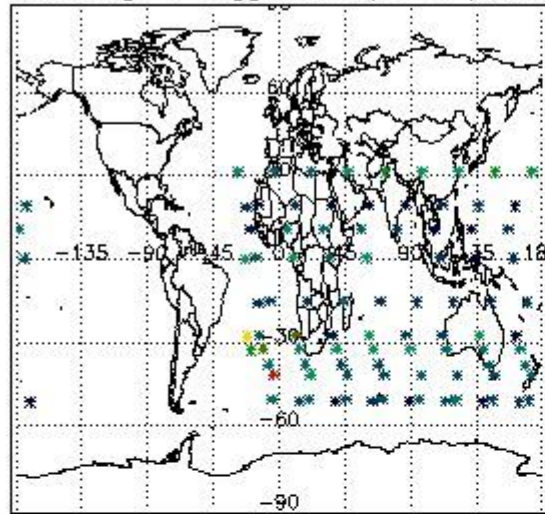
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

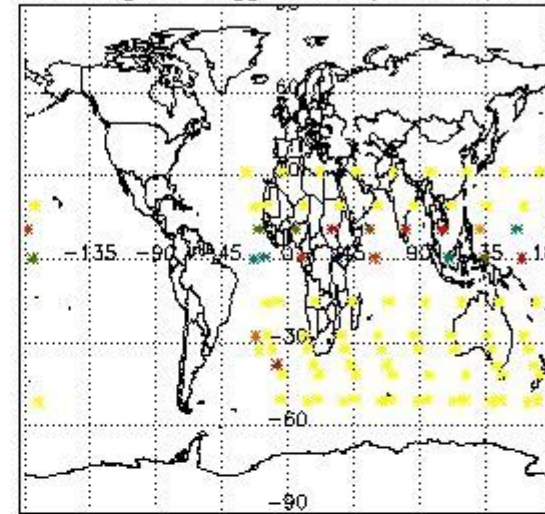


3.2 Plot quality information per product (world map)

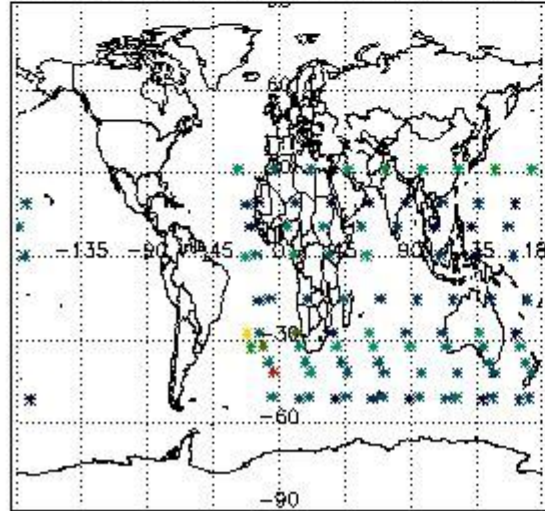
Percentage of flagged data per O3 profile



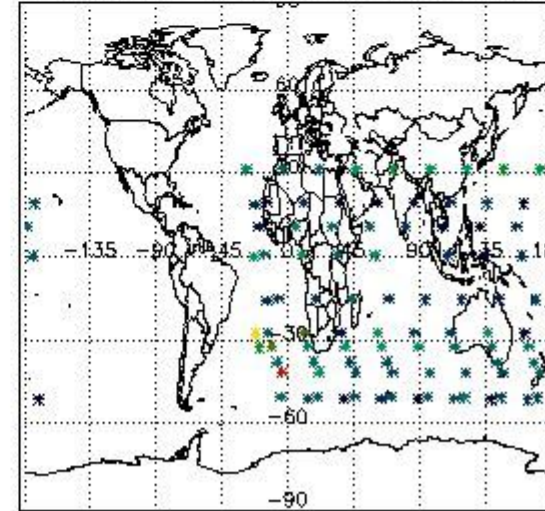
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

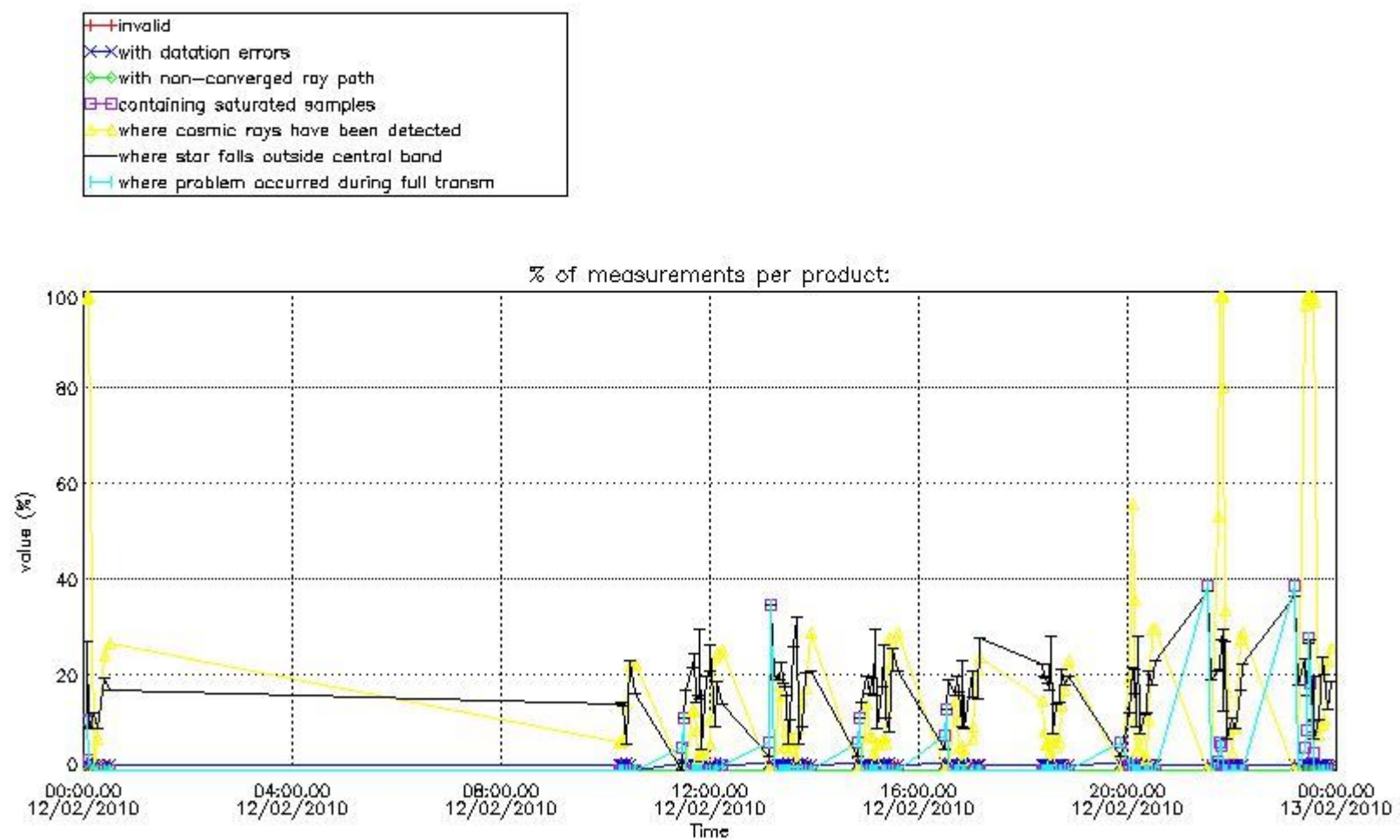


4. Level 1 quality information per product

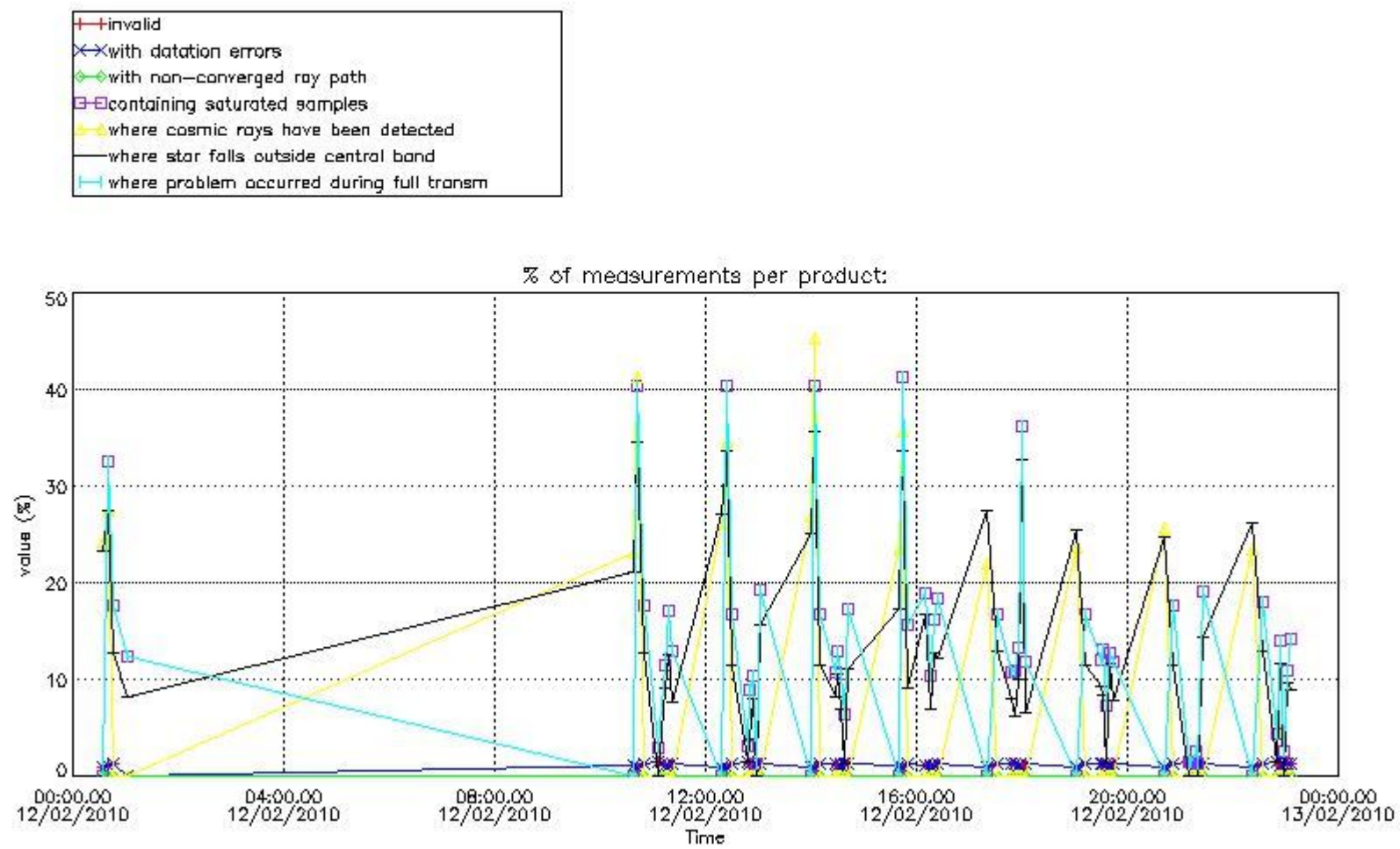
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

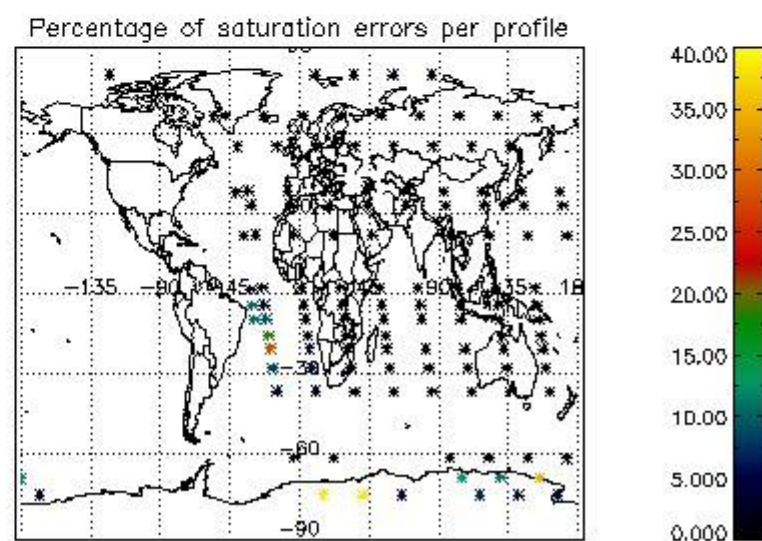
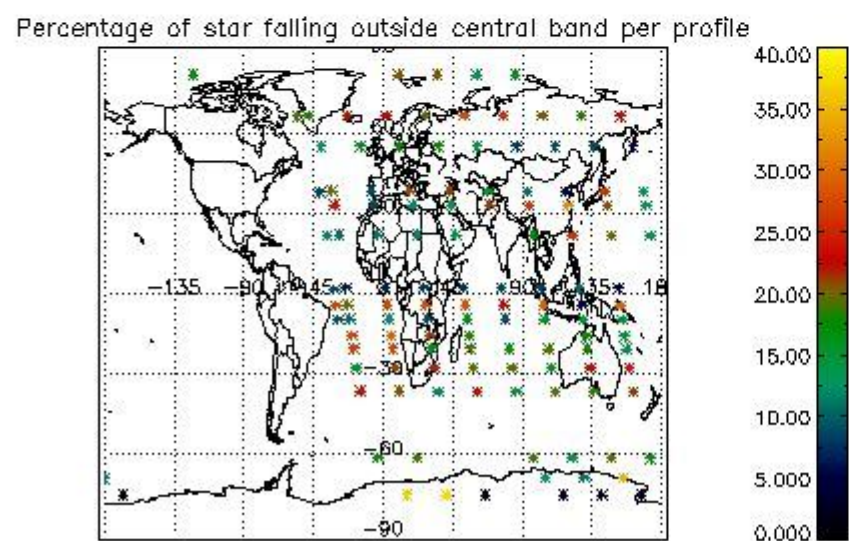
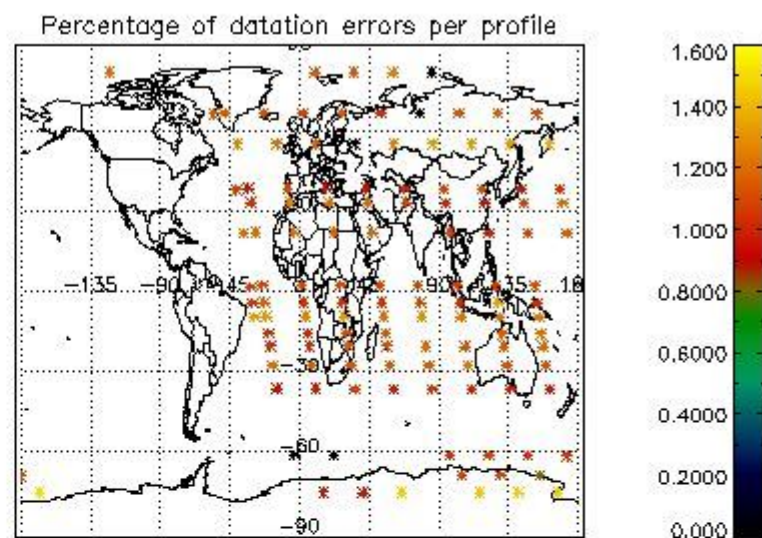
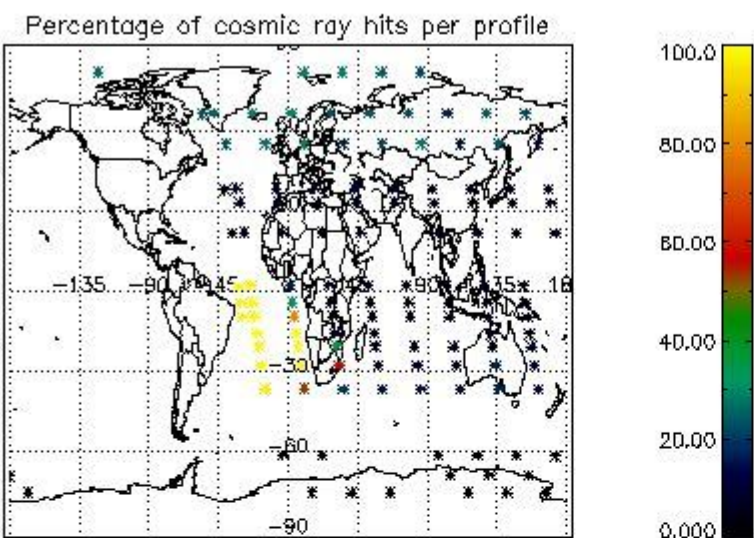


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

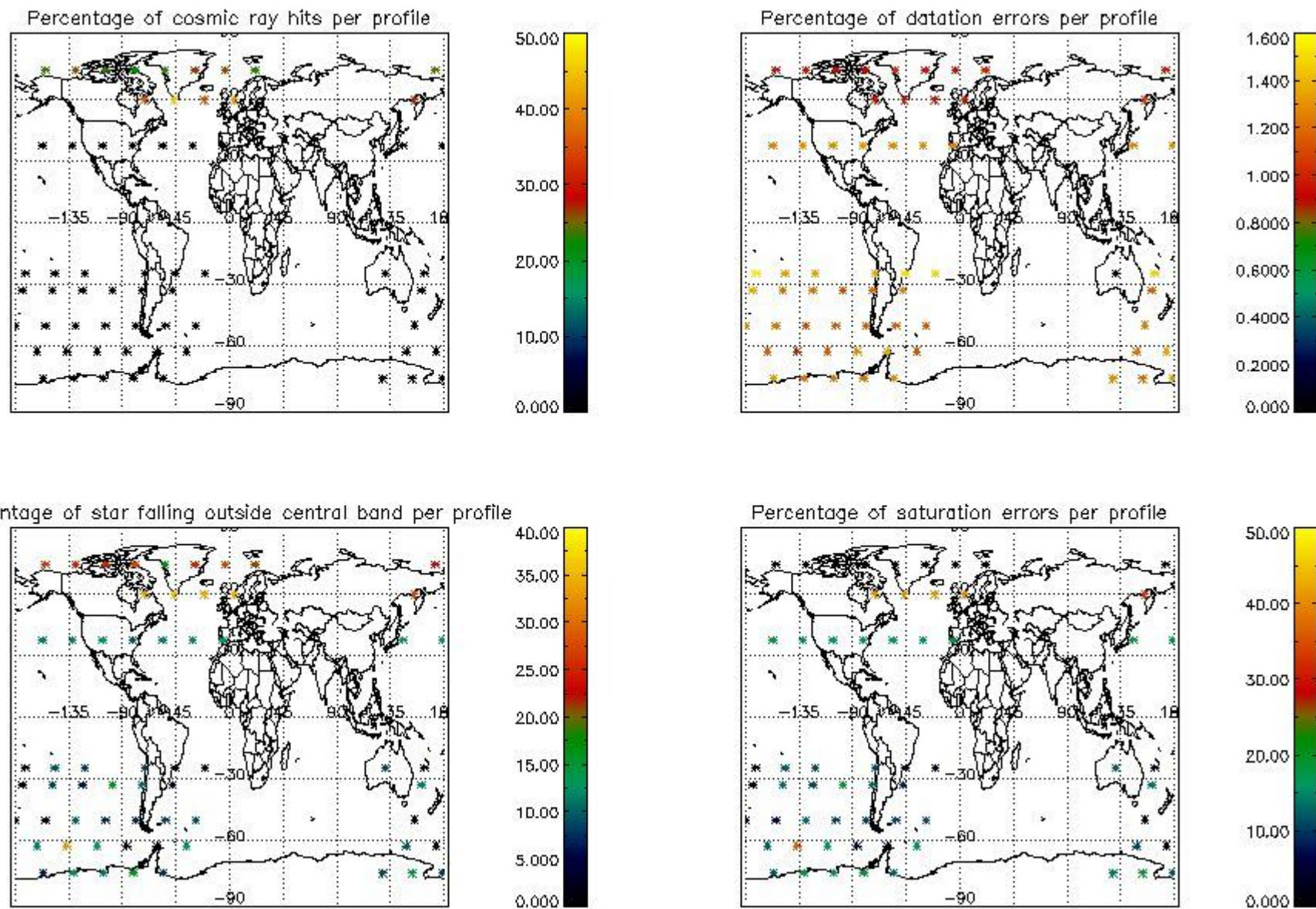


4.2 Plot quality information per product coming from level 1b processing (world map)

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

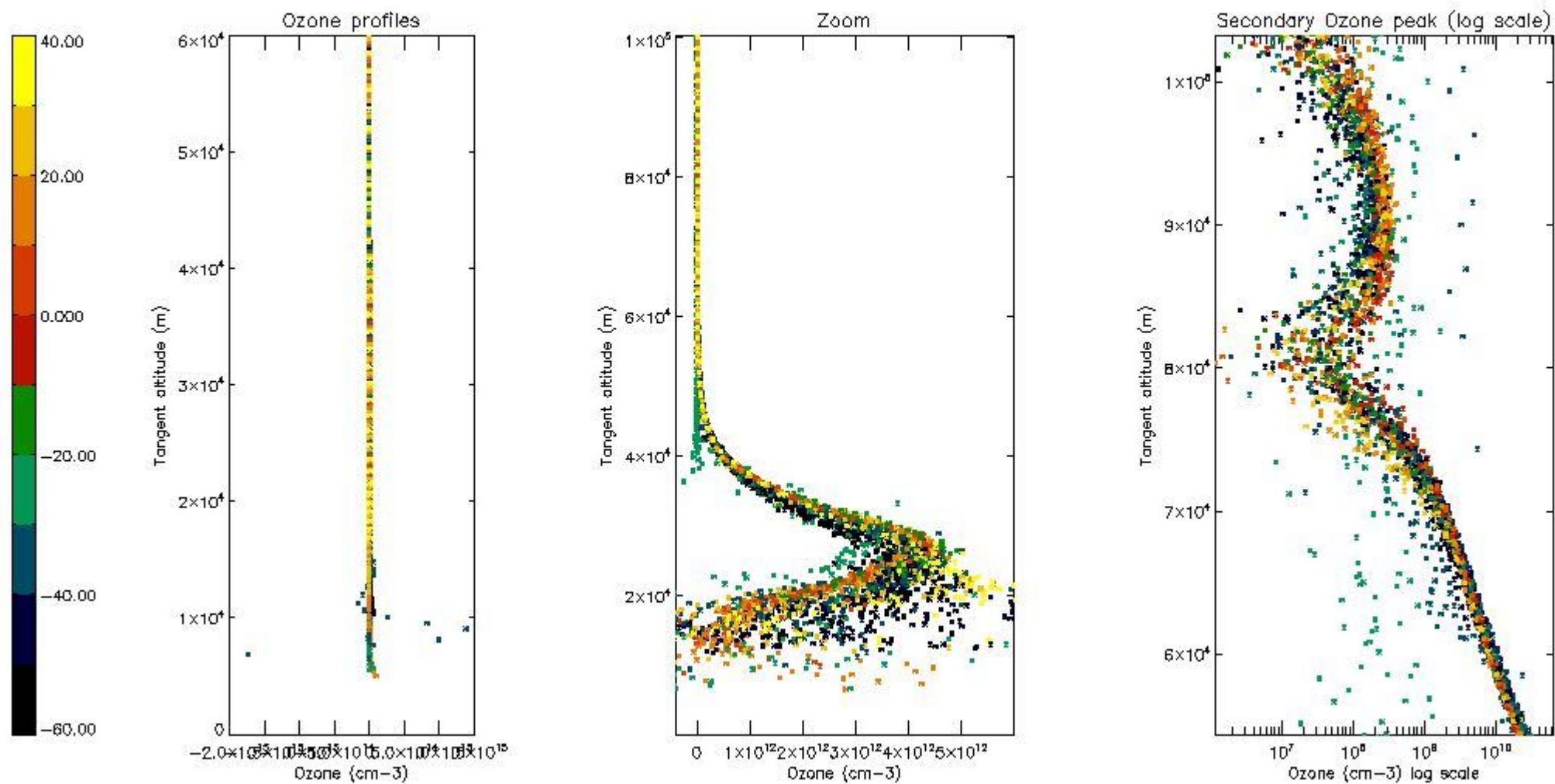
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	52
STD < 20	28

STD < 10	24
STD < 5	15

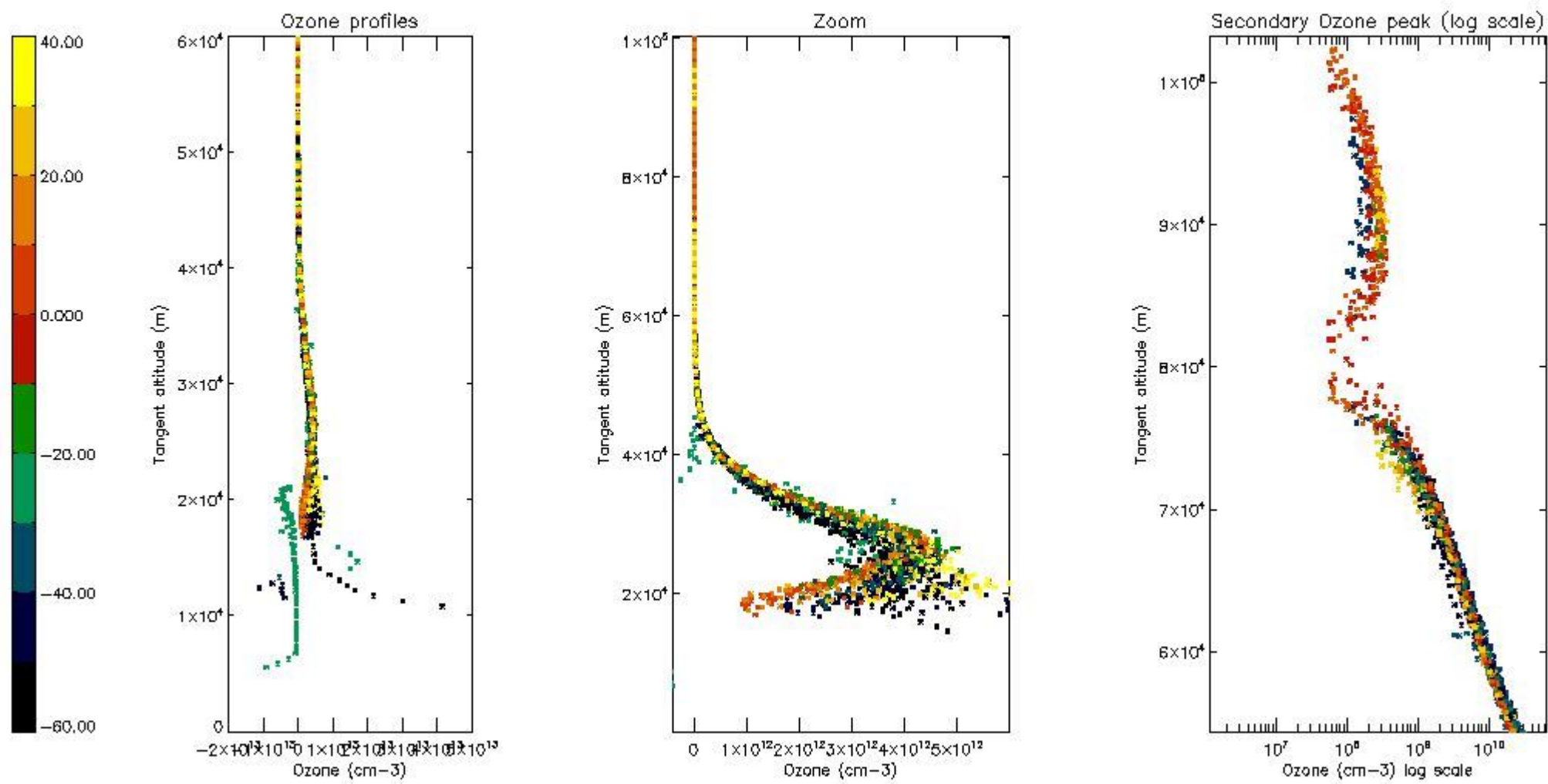
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



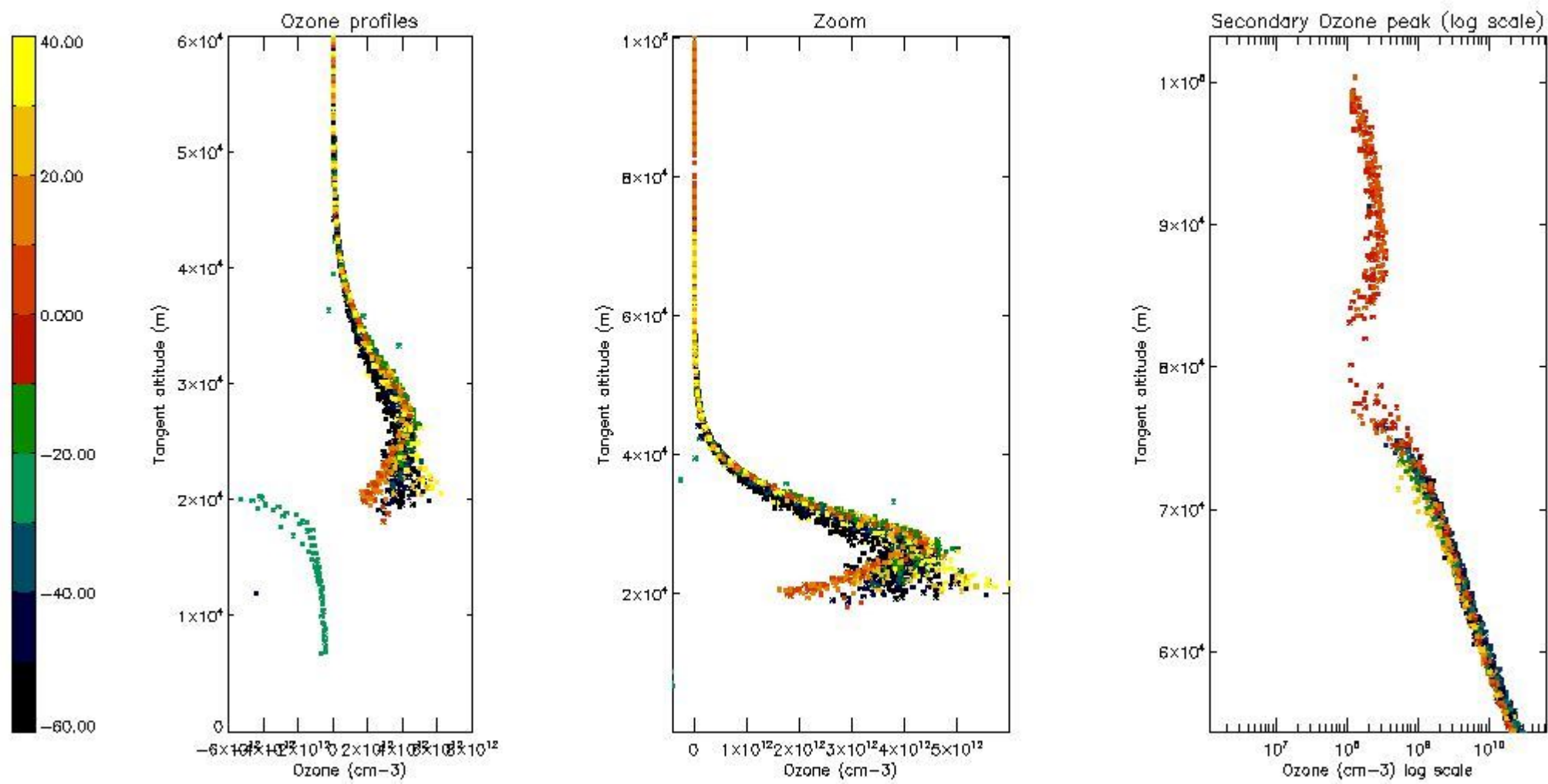
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



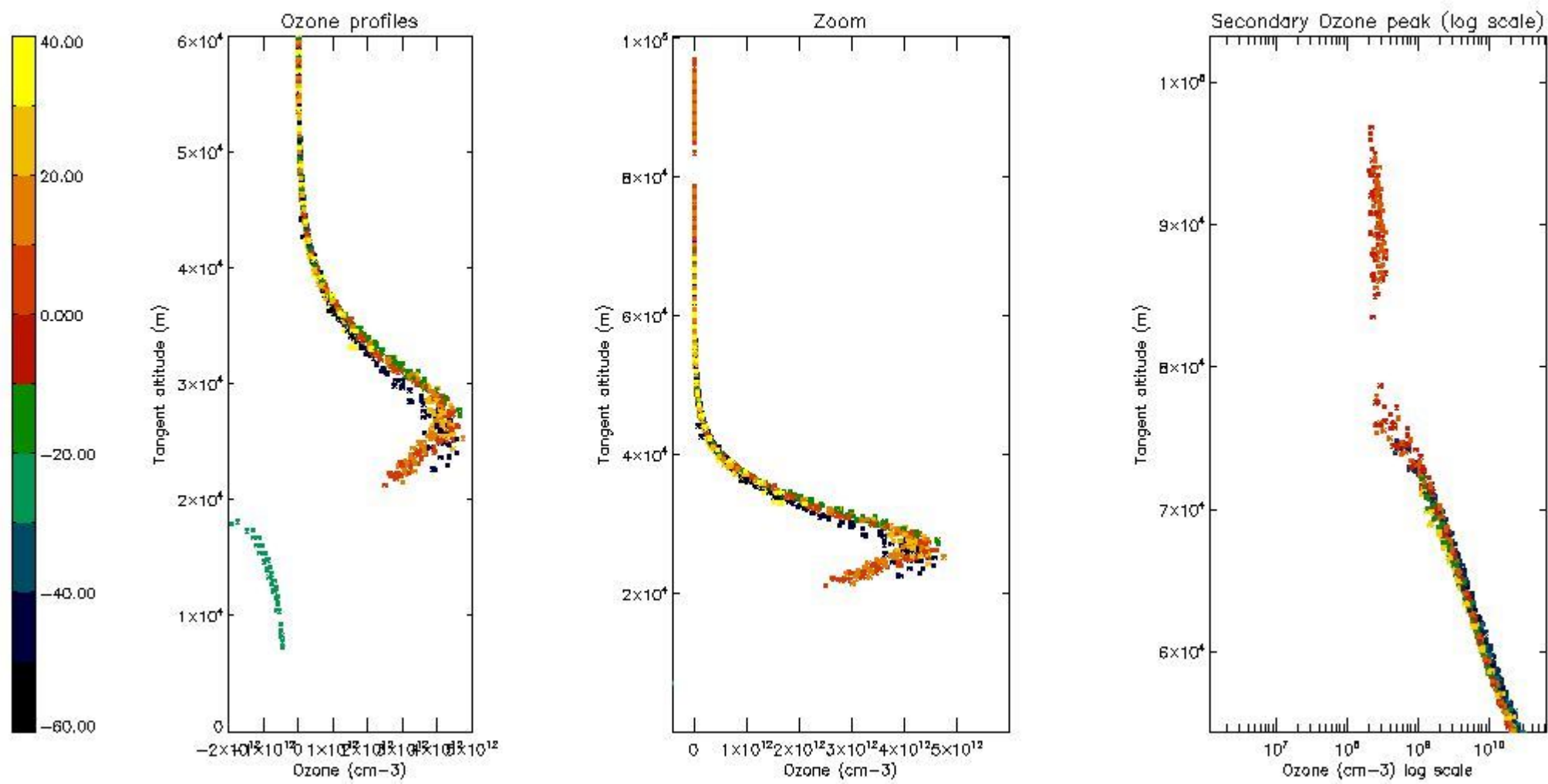
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



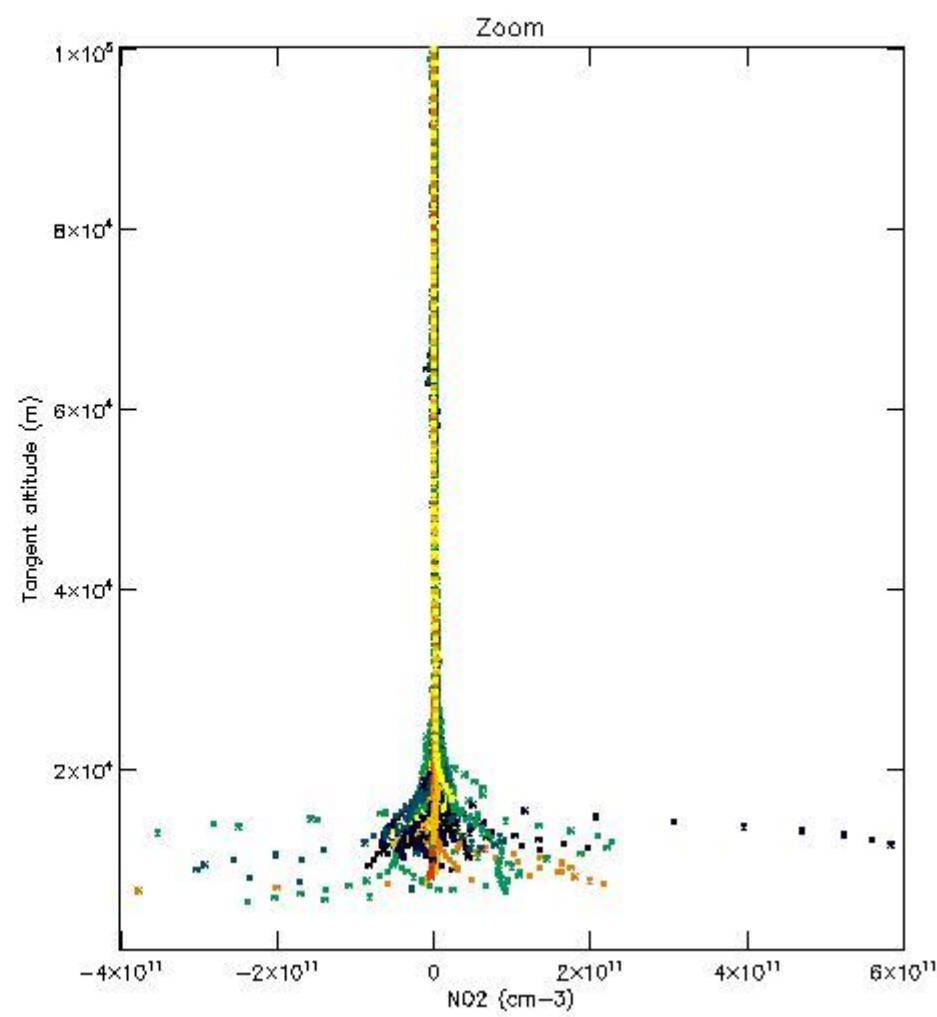
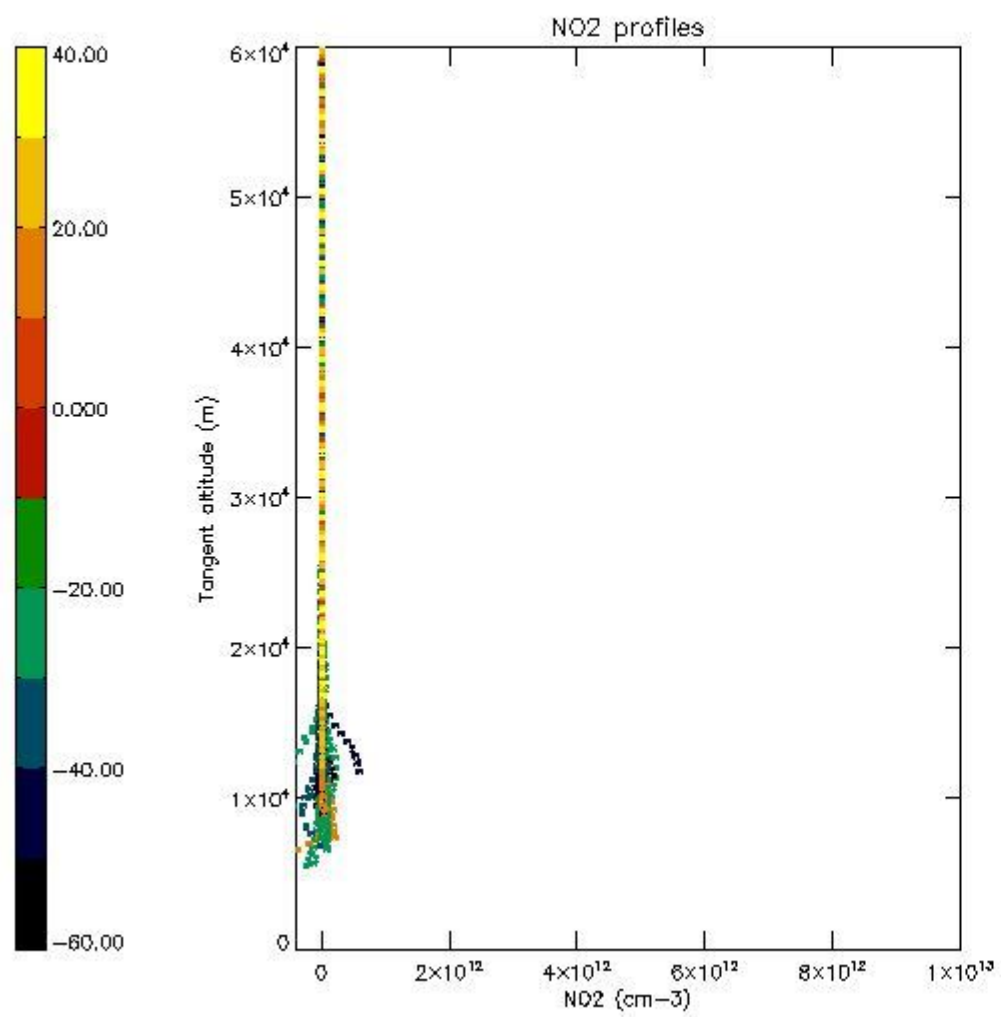
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



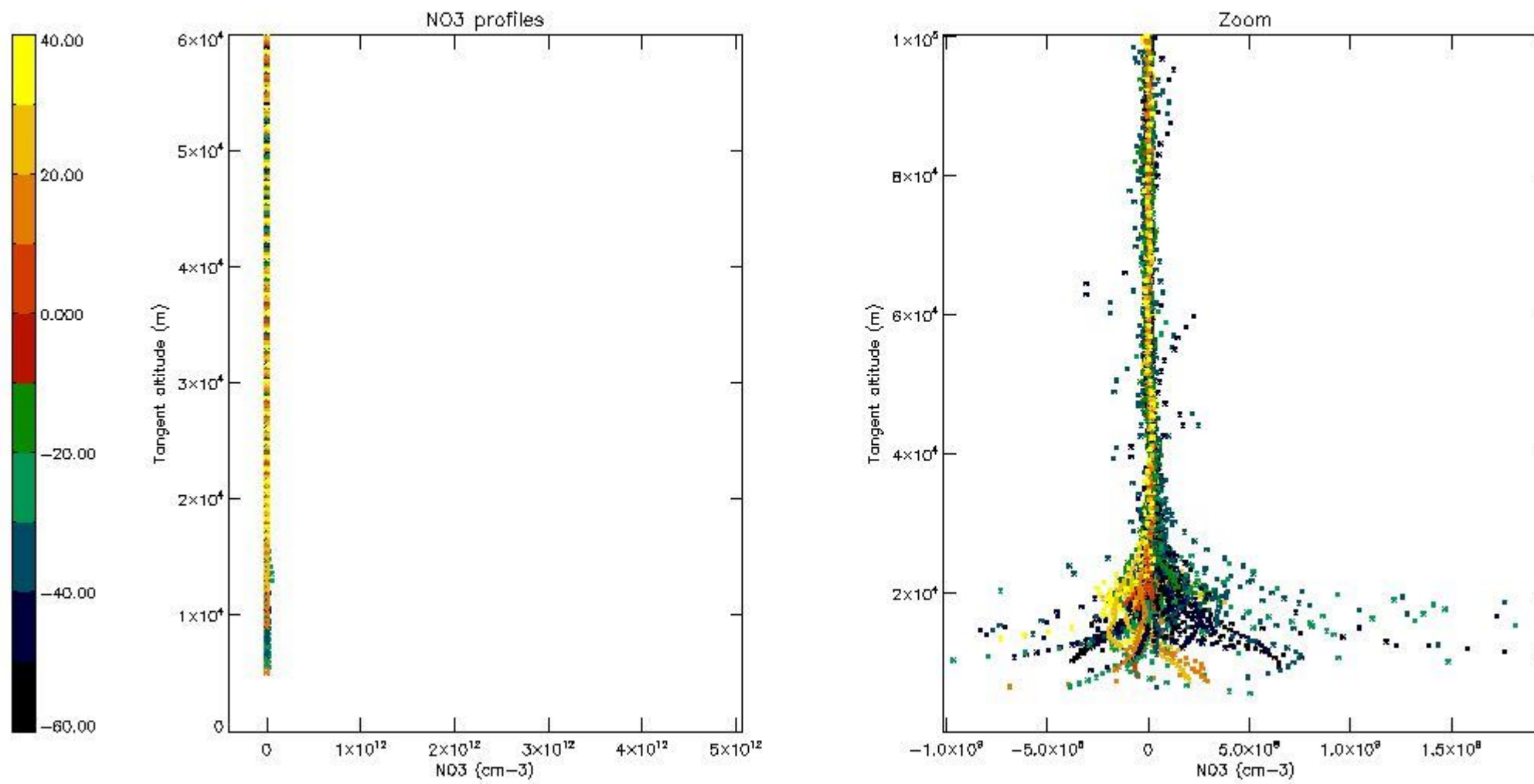
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	12-FEB-2010 00:03:06
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	12-FEB-2010 00:03:06
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	12-FEB-2010 00:03:06

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	26APR2013 17:20:48
Data source version	GOMOS/6.01
Start time of products	12-02-2010 (12FEB2010 00:00:00)
Stop time of products	13-02-2010 (13FEB2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	188
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__2PRFIN20100212_000306_000000382086_00445_41581_4736.N1	12-FEB-2010 00:03:06	Dark	38.000	147	Alp Ara	2.8770	26000.	76	41581	No
2	GOM_NL__2PRFIN20100212_000434_000000492086_00445_41581_4737.N1	12-FEB-2010 00:04:34	Dark	48.500	141	Bet Ara	2.8400	4600.0	97	41581	No
3	GOM_NL__2PRFIN20100212_000614_000000472086_00446_41582_4726.N1	12-FEB-2010 00:06:14	Dark	46.500	131	Gam Lup	2.8000	26000.	93	41582	No
4	GOM_NL__2PRFIN20100212_001151_000000422086_00446_41582_4727.N1	12-FEB-2010 00:11:51	Dark	42.000	10	Bet Cen	0.61000	28000.	84	41582	No
5	GOM_NL__2PRFIN20100212_001626_000000472086_00446_41582_4728.N1	12-FEB-2010 00:16:26	Dark	46.500	64	Gam Cen	2.2000	10600.	93	41582	No
6	GOM_NL__2PRFIN20100212_002438_000000442086_00446_41582_4729.N1	12-FEB-2010 00:24:38	Straylight	44.000	65	Lam Vel	2.2040	4400.0	88	41582	No
7	GOM_NL__2PRFIN20100212_003044_000000422086_00446_41582_4730.N1	12-FEB-2010 00:30:44	Straylight	41.500	132	15Rho Pup	2.8030	6900.0	83	41582	No
8	GOM_NL__2PRFIN20100212_003448_000000522086_00446_41582_4731.N1	12-FEB-2010 00:34:48	Straylight	51.500	48	30Alp Hya	1.9770	4100.0	103	41582	No
9	GOM_NL__2PRFIN20100212_003913_000000482086_00446_41582_4732.N1	12-FEB-2010 00:39:13	Bright	47.500	8	10Alp CMi	0.40000	6500.0	95	41582	No
10	GOM_NL__2PRFIN20100212_004534_000000402086_00446_41582_4733.N1	12-FEB-2010 00:45:34	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	41582	No
11	GOM_NL__2PRFIN20100212_010259_000000372086_00446_41582_4734.N1	12-FEB-2010 01:02:59	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	41582	No
12	GOM_NL__2PRFIN20100212_101531_000000442086_00452_41588_4785.N1	12-FEB-2010 10:15:31	Dark	43.500	10	Bet Cen	0.61000	28000.	87	41588	No
13	GOM_NL__2PRFIN20100212_101841_000000422086_00452_41588_4786.N1	12-FEB-2010 10:18:41	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	41588	No
14	GOM_NL__2PRFIN20100212_102007_000000482086_00452_41588_4787.N1	12-FEB-2010 10:20:07	Dark	48.000	64	Gam Cen	2.2000	10600.	96	41588	No
15	GOM_NL__2PRFIN20100212_102456_000000372086_00452_41588_4788.N1	12-FEB-2010 10:24:56	Dark	36.500	91	Kap Vel	2.4900	26000.	73	41588	No
16	GOM_NL__2PRFIN20100212_102815_000000462086_00452_41588_4789.N1	12-FEB-2010 10:28:15	Straylight	45.500	65	Lam Vel	2.2040	4400.0	91	41588	No
17	GOM_NL__2PRFIN20100212_103421_000000412086_00452_41588_4790.N1	12-FEB-2010 10:34:21	Straylight	40.500	132	15Rho Pup	2.8030	6900.0	81	41588	No
18	GOM_NL__2PRFIN20100212_103824_000000502086_00452_41588_4791.N1	12-FEB-2010 10:38:24	Straylight	50.000	48	30Alp Hya	1.9770	4100.0	100	41588	No
19	GOM_NL__2PRFIN20100212_104250_000000522086_00452_41588_4792.N1	12-FEB-2010 10:42:50	Bright	52.000	8	10Alp CMi	0.40000	6500.0	104	41588	No
20	GOM_NL__2PRFIN20100212_104910_000000402086_00452_41588_4793.N1	12-FEB-2010 10:49:10	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	41588	No
21	GOM_NL__2PRFIN20100212_110635_000000342086_00452_41588_4794.N1	12-FEB-2010 11:06:35	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	41588	No
22	GOM_NL__2PRFIN20100212_111345_000000442086_00452_41588_4795.N1	12-FEB-2010 11:13:45	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	41588	No
23	GOM_NL__2PRFIN20100212_111723_000000442086_00452_41588_4796.N1	12-FEB-2010 11:17:23	Bright	44.000	130	23Bet Dra	2.7990	5800.0	88	41588	No
24	GOM_NL__2PRFIN20100212_112129_000000392086_00452_41588_4797.N1	12-FEB-2010 11:21:29	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	41588	No
25	GOM_NL__2PRFIN20100212_112819_000000332086_00452_41588_4798.N1	12-FEB-2010 11:28:19	Bright	33.000	168	17Zet Aql	2.9860	11000.	66	41588	No
26	GOM_NL__2PRFIN20100212_113019_000000462086_00452_41588_4799.N1	12-FEB-2010 11:30:19	Bright	45.500	59	55Alp Oph	2.0800	8900.0	91	41588	No
27	GOM_NL__2PRFIN20100212_113233_000000482086_00452_41588_4800.N1	12-FEB-2010 11:32:33	Bright	47.500	126	60Bet Oph	2.7700	4250.0	95	41588	No
28	GOM_NL__2PRFIN20100212_113941_000000522086_00452_41588_4801.N1	12-FEB-2010 11:39:41	Dark	51.500	86	35Eta Oph	2.4300	10200.	103	41588	No
29	GOM_NL__2PRFIN20100212_114213_000000452086_00452_41588_4802.N1	12-FEB-2010 11:42:13	Dark	45.000	38	20Eps Sgr	1.8360	11000.	90	41588	No
30	GOM_NL__2PRFIN20100212_114412_000000432086_00452_41588_4803.N1	12-FEB-2010 11:44:12	Dark	42.500	25	35Lam Sco	1.6200	28000.	85	41588	No
31	GOM_NL__2PRFIN20100212_114532_000000422086_00452_41588_4804.N1	12-FEB-2010 11:45:32	Dark	42.000	40	The Sco	1.8590	7100.0	84	41588	No
32	GOM_NL__2PRFIN20100212_114720_000000412086_00452_41588_4805.N1	12-FEB-2010 11:47:20	Dark	40.500	147	Alp Ara	2.8770	26000.	81	41588	No
33	GOM_NL__2PRFIN20100212_114848_000000502086_00452_41588_4806.N1	12-FEB-2010 11:48:48	Dark	49.500	141	Bet Ara	2.8400	4600.0	99	41588	No
34	GOM_NL__2PRFIN20100212_115032_000000452086_00453_41589_4793.N1	12-FEB-2010 11:50:32	Dark	44.500	131	Gam Lup	2.8000	26000.	89	41589	No
35	GOM_NL__2PRFIN20100212_115607_000000462086_00453_41589_4794.N1	12-FEB-2010 11:56:07	Dark	46.000	10	Bet Cen	0.61000	28000.	92	41589	No
36	GOM_NL__2PRFIN20100212_115916_000000462086_00453_41589_4795.N1	12-FEB-2010 11:59:16	Dark	46.000	12	Alp1Cru	0.77500	30000.	92	41589	No
37	GOM_NL__2PRFIN20100212_120044_000000582086_00453_41589_4796.N1	12-FEB-2010 12:00:44	Dark	57.500	64	Gam Cen	2.2000	10600.	115	41589	No
38	GOM_NL__2PRFIN20100212_120533_000000382086_00453_41589_4797.N1	12-FEB-2010 12:05:33	Dark	38.000	91	Kap Vel	2.4900	26000.	76	41589	No
39	GOM_NL__2PRFIN20100212_120851_000000432086_00453_41589_4798.N1	12-FEB-2010 12:08:51	Straylight	43.000	65	Lam Vel	2.2040	4400.0	86	41589	No
40	GOM_NL__2PRFIN20100212_121457_000000402086_00453_41589_4799.N1	12-FEB-2010 12:14:57	Straylight	40.000	132	15Rho Pup	2.8030	6900.0	80	41589	No
41	GOM_NL__2PRFIN20100212_121859_000000542086_00453_41589_4800.N1	12-FEB-2010 12:18:59	Straylight	53.500	48	30Alp Hya	1.9770	4100.0	107	41589	No
42	GOM_NL__2PRFIN20100212_122326_000000522086_00453_41589_4801.N1	12-FEB-2010 12:23:26	Bright	52.000	8	10Alp CMi	0.40000	6500.0	104	41589	No

43	GOM_NL__2PRFIN20100212_122946_000000392086_00453_41589_4802.N1	12-FEB-2010 12:29:46	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	41589	No
44	GOM_NL__2PRFIN20100212_124711_000000332086_00453_41589_4803.N1	12-FEB-2010 12:47:11	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	41589	No
45	GOM_NL__2PRFIN20100212_124929_000000402086_00453_41589_4804.N1	12-FEB-2010 12:49:29	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	41589	No
46	GOM_NL__2PRFIN20100212_125421_000000442086_00453_41589_4805.N1	12-FEB-2010 12:54:21	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	41589	No
47	GOM_NL__2PRFIN20100212_125759_000000372086_00453_41589_4806.N1	12-FEB-2010 12:57:59	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	41589	No
48	GOM_NL__2PRFIN20100212_130205_000000422086_00453_41589_4807.N1	12-FEB-2010 13:02:05	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	41589	No
49	GOM_NL__2PRFIN20100212_130855_000000342086_00453_41589_4808.N1	12-FEB-2010 13:08:55	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	41589	No
50	GOM_NL__2PRFIN20100212_131055_000000622086_00453_41589_4809.N1	12-FEB-2010 13:10:55	Bright	62.000	59	55Alp Oph	2.0800	8900.0	124	41589	No
51	GOM_NL__2PRFIN20100212_131310_000000482086_00453_41589_4810.N1	12-FEB-2010 13:13:10	Bright	48.000	126	60Bet Oph	2.7700	4250.0	96	41589	No
52	GOM_NL__2PRFIN20100212_132018_000000512086_00453_41589_4811.N1	12-FEB-2010 13:20:18	Dark	50.500	86	35Eta Oph	2.4300	10200.	101	41589	No
53	GOM_NL__2PRFIN20100212_132249_000000452086_00453_41589_4812.N1	12-FEB-2010 13:22:49	Dark	44.500	38	20Eps Sgr	1.8360	11000.	89	41589	No
54	GOM_NL__2PRFIN20100212_132449_000000442086_00453_41589_4813.N1	12-FEB-2010 13:24:49	Dark	44.000	25	35Lam Sco	1.6200	28000.	88	41589	No
55	GOM_NL__2PRFIN20100212_132608_000000432086_00453_41589_4814.N1	12-FEB-2010 13:26:08	Dark	43.000	40	The Sco	1.8590	7100.0	86	41589	No
56	GOM_NL__2PRFIN20100212_132756_000000422086_00453_41589_4815.N1	12-FEB-2010 13:27:56	Dark	41.500	147	Alp Ara	2.8770	26000.	83	41589	No
57	GOM_NL__2PRFIN20100212_132924_000000382086_00453_41589_4816.N1	12-FEB-2010 13:29:24	Dark	37.500	141	Bet Ara	2.8400	4600.0	75	41589	No
58	GOM_NL__2PRFIN20100212_133109_000000482086_00454_41590_4801.N1	12-FEB-2010 13:31:09	Dark	47.500	131	Gam Lup	2.8000	26000.	95	41590	No
59	GOM_NL__2PRFIN20100212_133643_000000512086_00454_41590_4802.N1	12-FEB-2010 13:36:43	Dark	50.500	10	Bet Cen	0.61000	28000.	101	41590	No
60	GOM_NL__2PRFIN20100212_133953_000000532086_00454_41590_4803.N1	12-FEB-2010 13:39:53	Dark	53.000	12	Alp1Cru	0.77500	30000.	106	41590	No
61	GOM_NL__2PRFIN20100212_134120_000000452086_00454_41590_4804.N1	12-FEB-2010 13:41:20	Dark	45.000	64	Gam Cen	2.2000	10600.	90	41590	No
62	GOM_NL__2PRFIN20100212_134609_000000382086_00454_41590_4805.N1	12-FEB-2010 13:46:09	Dark	38.000	91	Kap Vel	2.4900	26000.	76	41590	No
63	GOM_NL__2PRFIN20100212_134928_000000442086_00454_41590_4806.N1	12-FEB-2010 13:49:28	Straylight	44.000	65	Lam Vel	2.2040	4400.0	88	41590	No
64	GOM_NL__2PRFIN20100212_135533_000000442086_00454_41590_4807.N1	12-FEB-2010 13:55:33	Straylight	43.500	132	15Rho Pup	2.8030	6900.0	87	41590	No
65	GOM_NL__2PRFIN20100212_135935_000000522086_00454_41590_4808.N1	12-FEB-2010 13:59:35	Straylight	52.000	48	30Alp Hya	1.9770	4100.0	104	41590	No
66	GOM_NL__2PRFIN20100212_140402_000000522086_00454_41590_4809.N1	12-FEB-2010 14:04:02	Bright	52.000	8	10Alp CMi	0.40000	6500.0	104	41590	No
67	GOM_NL__2PRFIN20100212_141022_000000392086_00454_41590_4810.N1	12-FEB-2010 14:10:22	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	41590	No
68	GOM_NL__2PRFIN20100212_142747_000000372086_00454_41590_4811.N1	12-FEB-2010 14:27:47	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	41590	No
69	GOM_NL__2PRFIN20100212_143005_000000432086_00454_41590_4812.N1	12-FEB-2010 14:30:05	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	41590	No
70	GOM_NL__2PRFIN20100212_143456_000000432086_00454_41590_4813.N1	12-FEB-2010 14:34:56	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	41590	No
71	GOM_NL__2PRFIN20100212_143835_000000392086_00454_41590_4814.N1	12-FEB-2010 14:38:35	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	41590	No
72	GOM_NL__2PRFIN20100212_144241_000000412086_00454_41590_4815.N1	12-FEB-2010 14:42:41	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	41590	No
73	GOM_NL__2PRFIN20100212_144931_000000342086_00454_41590_4816.N1	12-FEB-2010 14:49:31	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	41590	No
74	GOM_NL__2PRFIN20100212_145132_000000462086_00454_41590_4817.N1	12-FEB-2010 14:51:32	Bright	45.500	59	55Alp Oph	2.0800	8900.0	91	41590	No
75	GOM_NL__2PRFIN20100212_145346_000000462086_00454_41590_4818.N1	12-FEB-2010 14:53:46	Bright	46.000	126	60Bet Oph	2.7700	4250.0	92	41590	No
76	GOM_NL__2PRFIN20100212_150055_000000512086_00454_41590_4819.N1	12-FEB-2010 15:00:55	Dark	50.500	86	35Eta Oph	2.4300	10200.	101	41590	No
77	GOM_NL__2PRFIN20100212_150325_000000412086_00454_41590_4820.N1	12-FEB-2010 15:03:25	Dark	41.000	38	20Eps Sgr	1.8360	11000.	82	41590	No
78	GOM_NL__2PRFIN20100212_150526_000000452086_00454_41590_4821.N1	12-FEB-2010 15:05:26	Dark	44.500	25	35Lam Sco	1.6200	28000.	89	41590	No
79	GOM_NL__2PRFIN20100212_150832_000000422086_00454_41590_4822.N1	12-FEB-2010 15:08:32	Dark	41.500	147	Alp Ara	2.8770	26000.	83	41590	No
80	GOM_NL__2PRFIN20100212_151001_000000502086_00454_41590_4823.N1	12-FEB-2010 15:10:01	Dark	49.500	141	Bet Ara	2.8400	4600.0	99	41590	No
81	GOM_NL__2PRFIN20100212_151146_000000472086_00455_41591_4809.N1	12-FEB-2010 15:11:46	Dark	46.500	131	Gam Lup	2.8000	26000.	93	41591	No
82	GOM_NL__2PRFIN20100212_151720_000000462086_00455_41591_4810.N1	12-FEB-2010 15:17:20	Dark	45.500	10	Bet Cen	0.61000	28000.	91	41591	No
83	GOM_NL__2PRFIN20100212_152029_000000502086_00455_41591_4811.N1	12-FEB-2010 15:20:29	Dark	50.000	12	Alp1Cru	0.77500	30000.	100	41591	No
84	GOM_NL__2PRFIN20100212_152157_000000472086_00455_41591_4812.N1	12-FEB-2010 15:21:57	Dark	46.500	64	Gam Cen	2.2000	10600.	93	41591	No
85	GOM_NL__2PRFIN20100212_152645_000000382086_00455_41591_4813.N1	12-FEB-2010 15:26:45	Dark	38.000	91	Kap Vel	2.4900	26000.	76	41591	No
86	GOM_NL__2PRFIN20100212_153004_000000472086_00455_41591_4814.N1	12-FEB-2010 15:30:04	Straylight	47.000	65	Lam Vel	2.2040	4400.0	94	41591	No
87	GOM_NL__2PRFIN20100212_153609_000000442086_00455_41591_4815.N1	12-FEB-2010 15:36:09	Straylight	43.500	132	15Rho Pup	2.8030	6900.0	87	41591	No
88	GOM_NL__2PRFIN20100212_154011_000000492086_00455_41591_4816.N1	12-FEB-2010 15:40:11	Straylight	49.000	48	30Alp Hya	1.9770	4100.0	98	41591	No
89	GOM_NL__2PRFIN20100212_154438_000000522086_00455_41591_4817.N1	12-FEB-2010 15:44:38	Bright	52.000	8	10Alp CMi	0.40000	6500.0	104	41591	No
90	GOM_NL__2PRFIN20100212_155058_000000392086_00455_41591_4818.N1	12-FEB-2010 15:50:58	Bright	38.500	17	78Bet Gem	1.1610	4500.0	77	41591	No
91	GOM_NL__2PRFIN20100212_161041_000000452086_00455_41591_4819.N1	12-FEB-2010 16:10:41	Bright	45.000	60	7Bet UMi	2.0810	3950.0	90	41591	No
92	GOM_NL__2PRFIN20100212_161532_000000442086_00455_41591_4820.N1	12-FEB-2010 16:15:32	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	41591	No
93	GOM_NL__2PRFIN20100212_161911_000000442086_00455_41591_4821.N1	12-FEB-2010 16:19:11	Bright	43.500	130	23Bet Dra	2.7990	5800.0	87	41591	No
94	GOM_NL__2PRFIN20100212_162317_000000412086_00455_41591_4822.N1	12-FEB-2010 16:23:17	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	41591	No
95	GOM_NL__2PRFIN20100212_163007_000000352086_00455_41591_4823.N1	12-FEB-2010 16:30:07	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	41591	No
96	GOM_NL__2PRFIN20100212_163208_000000472086_00455_41591_4824.N1	12-FEB-2010 16:32:08	Bright	46.500	59	55Alp Oph	2.0800	8900.0	93	41591	No
97	GOM_NL__2PRFIN20100212_163423_000000482086_00455_41591_4825.N1	12-FEB-2010 16:34:23	Bright	48.000	126	60Bet Oph	2.7700	4250.0	96	41591	No
98	GOM_NL__2PRFIN20100212_164131_000000492086_00455_41591_4826.N1	12-FEB-2010 16:41:31	Dark	48.500	86	35Eta Oph	2.4300	10200.	97	41591	No
99	GOM_NL__2PRFIN20100212_164402_000000432086_00455_41591_4827.N1	12-FEB-2010 16:44:02	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	41591	No
100	GOM_NL__2PRFIN20100212_164602_000000432086_00455_41591_4828.N1	12-FEB-2010 16:46:02	Dark	42.500	25	35Lam Sco	1.6200	28000.	85	41591	No
101	GOM_NL__2PRFIN20100212_164909_000000392086_00455_41591_4829.N1	12-FEB-2010 16:49:09	Dark	38.500	147	Alp Ara	2.8770	26000.	77	41591	No

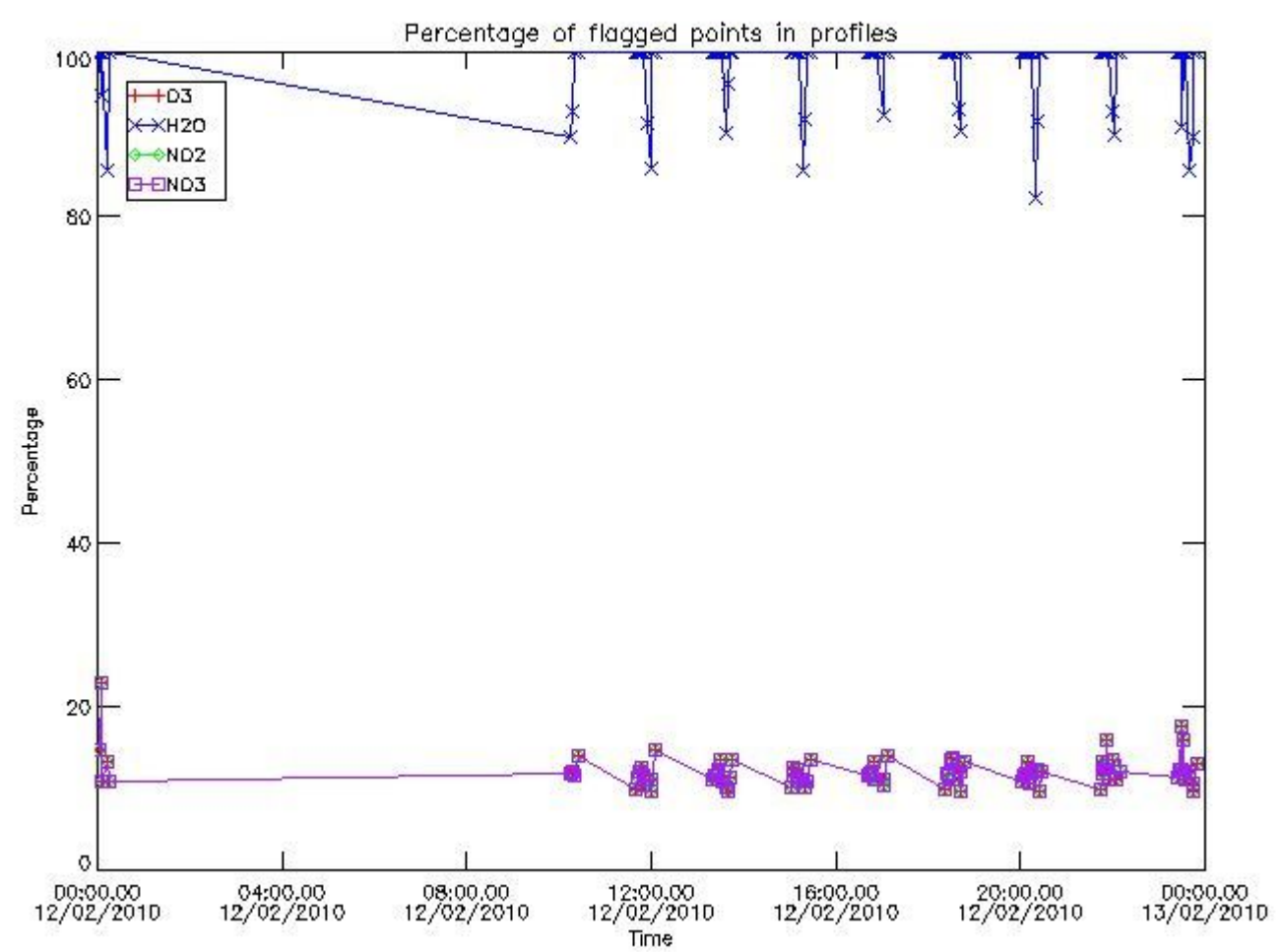
102	GOM_NL__2PRFIN20100212_165037_000000462086_00455_41591_4830.N1	12-FEB-2010 16:50:37	Dark	45.500	141	Bet Ara	2.8400	4600.0	91	41591	No
103	GOM_NL__2PRFIN20100212_165223_000000462086_00456_41592_4817.N1	12-FEB-2010 16:52:23	Dark	46.000	131	Gam Lup	2.8000	26000.	92	41592	No
104	GOM_NL__2PRFIN20100212_170106_000000462086_00456_41592_4818.N1	12-FEB-2010 17:01:06	Dark	45.500	12	Alp1Cru	0.77500	30000.	91	41592	No
105	GOM_NL__2PRFIN20100212_170234_000000502086_00456_41592_4819.N1	12-FEB-2010 17:02:34	Dark	49.500	64	Gam Cen	2.2000	10600.	99	41592	No
106	GOM_NL__2PRFIN20100212_170721_000000402086_00456_41592_4820.N1	12-FEB-2010 17:07:21	Dark	40.000	91	Kap Vel	2.4900	26000.	80	41592	No
107	GOM_NL__2PRFIN20100212_171040_000000492086_00456_41592_4821.N1	12-FEB-2010 17:10:40	Straylight	49.000	65	Lam Vel	2.2040	4400.0	98	41592	No
108	GOM_NL__2PRFIN20100212_172047_000000552086_00456_41592_4822.N1	12-FEB-2010 17:20:47	Straylight	54.500	48	30Alp Hya	1.9770	4100.0	109	41592	No
109	GOM_NL__2PRFIN20100212_173134_000000392086_00456_41592_4823.N1	12-FEB-2010 17:31:34	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	41592	No
110	GOM_NL__2PRFIN20100212_174858_000000382086_00456_41592_4824.N1	12-FEB-2010 17:48:58	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	41592	No
111	GOM_NL__2PRFIN20100212_175116_000000412086_00456_41592_4825.N1	12-FEB-2010 17:51:16	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	41592	No
112	GOM_NL__2PRFIN20100212_175607_000000452086_00456_41592_4826.N1	12-FEB-2010 17:56:07	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	41592	No
113	GOM_NL__2PRFIN20100212_175946_000000582086_00456_41592_4827.N1	12-FEB-2010 17:59:46	Bright	58.000	130	23Bet Dra	2.7990	5800.0	116	41592	No
114	GOM_NL__2PRFIN20100212_180353_000000382086_00456_41592_4828.N1	12-FEB-2010 18:03:53	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	41592	No
115	GOM_NL__2PRFIN20100212_182208_000000522086_00456_41592_4829.N1	12-FEB-2010 18:22:08	Dark	52.000	86	35Eta Oph	2.4300	10200.	104	41592	No
116	GOM_NL__2PRFIN20100212_182437_000000442086_00456_41592_4830.N1	12-FEB-2010 18:24:37	Dark	43.500	38	20Eps Sgr	1.8360	11000.	87	41592	No
117	GOM_NL__2PRFIN20100212_182638_000000452086_00456_41592_4831.N1	12-FEB-2010 18:26:38	Dark	44.500	25	35Lam Sco	1.6200	28000.	89	41592	No
118	GOM_NL__2PRFIN20100212_182757_000000442086_00456_41592_4832.N1	12-FEB-2010 18:27:57	Dark	44.000	40	The Sco	1.8590	7100.0	88	41592	No
119	GOM_NL__2PRFIN20100212_182945_000000422086_00456_41592_4833.N1	12-FEB-2010 18:29:45	Dark	41.500	147	Alp Ara	2.8770	26000.	83	41592	No
120	GOM_NL__2PRFIN20100212_183113_000000492086_00456_41592_4834.N1	12-FEB-2010 18:31:13	Dark	48.500	141	Bet Ara	2.8400	4600.0	97	41592	No
121	GOM_NL__2PRFIN20100212_183300_000000462086_00457_41593_4845.N1	12-FEB-2010 18:33:00	Dark	46.000	131	Gam Lup	2.8000	26000.	92	41593	No
122	GOM_NL__2PRFIN20100212_183833_000000432086_00457_41593_4846.N1	12-FEB-2010 18:38:33	Dark	43.000	10	Bet Cen	0.61000	28000.	86	41593	No
123	GOM_NL__2PRFIN20100212_184143_000000422086_00457_41593_4847.N1	12-FEB-2010 18:41:43	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	41593	No
124	GOM_NL__2PRFIN20100212_184311_000000532086_00457_41593_4848.N1	12-FEB-2010 18:43:11	Dark	52.500	64	Gam Cen	2.2000	10600.	105	41593	No
125	GOM_NL__2PRFIN20100212_184757_000000422086_00457_41593_4849.N1	12-FEB-2010 18:47:57	Dark	42.000	91	Kap Vel	2.4900	26000.	84	41593	No
126	GOM_NL__2PRFIN20100212_185116_000000442086_00457_41593_4850.N1	12-FEB-2010 18:51:16	Straylight	43.500	65	Lam Vel	2.2040	4400.0	87	41593	No
127	GOM_NL__2PRFIN20100212_190123_000000532086_00457_41593_4851.N1	12-FEB-2010 19:01:23	Straylight	53.000	48	30Alp Hya	1.9770	4100.0	106	41593	No
128	GOM_NL__2PRFIN20100212_191210_000000392086_00457_41593_4852.N1	12-FEB-2010 19:12:10	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	41593	No
129	GOM_NL__2PRFIN20100212_192934_000000382086_00457_41593_4853.N1	12-FEB-2010 19:29:34	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	41593	No
130	GOM_NL__2PRFIN20100212_193152_000000422086_00457_41593_4854.N1	12-FEB-2010 19:31:52	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	41593	No
131	GOM_NL__2PRFIN20100212_193643_000000412086_00457_41593_4855.N1	12-FEB-2010 19:36:43	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	41593	No
132	GOM_NL__2PRFIN20100212_194022_000000432086_00457_41593_4856.N1	12-FEB-2010 19:40:22	Bright	43.000	130	23Bet Dra	2.7990	5800.0	86	41593	No
133	GOM_NL__2PRFIN20100212_194429_000000382086_00457_41593_4857.N1	12-FEB-2010 19:44:29	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	41593	No
134	GOM_NL__2PRFIN20100212_195120_000000342086_00457_41593_4858.N1	12-FEB-2010 19:51:20	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	41593	No
135	GOM_NL__2PRFIN20100212_200245_000000472086_00457_41593_4859.N1	12-FEB-2010 20:02:45	Dark	46.500	86	35Eta Oph	2.4300	10200.	93	41593	No
136	GOM_NL__2PRFIN20100212_200514_000000442086_00457_41593_4860.N1	12-FEB-2010 20:05:14	Dark	44.000	38	20Eps Sgr	1.8360	11000.	88	41593	No
137	GOM_NL__2PRFIN20100212_200715_000000442086_00457_41593_4861.N1	12-FEB-2010 20:07:15	Dark	43.500	25	35Lam Sco	1.6200	28000.	87	41593	No
138	GOM_NL__2PRFIN20100212_200834_000000452086_00457_41593_4862.N1	12-FEB-2010 20:08:34	Dark	45.000	40	The Sco	1.8590	7100.0	90	41593	No
139	GOM_NL__2PRFIN20100212_201021_000000392086_00457_41593_4863.N1	12-FEB-2010 20:10:21	Dark	38.500	147	Alp Ara	2.8770	26000.	77	41593	No
140	GOM_NL__2PRFIN20100212_201150_000000492086_00457_41593_4864.N1	12-FEB-2010 20:11:50	Dark	48.500	141	Bet Ara	2.8400	4600.0	97	41593	No
141	GOM_NL__2PRFIN20100212_201337_000000462086_00458_41594_4853.N1	12-FEB-2010 20:13:37	Dark	45.500	131	Gam Lup	2.8000	26000.	91	41594	No
142	GOM_NL__2PRFIN20100212_201910_000000432086_00458_41594_4854.N1	12-FEB-2010 20:19:10	Dark	42.500	10	Bet Cen	0.61000	28000.	85	41594	No
143	GOM_NL__2PRFIN20100212_202219_000000422086_00458_41594_4855.N1	12-FEB-2010 20:22:19	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	41594	No
144	GOM_NL__2PRFIN20100212_202347_000000532086_00458_41594_4856.N1	12-FEB-2010 20:23:47	Dark	53.000	64	Gam Cen	2.2000	10600.	106	41594	No
145	GOM_NL__2PRFIN20100212_202833_000000432086_00458_41594_4857.N1	12-FEB-2010 20:28:33	Dark	42.500	91	Kap Vel	2.4900	26000.	85	41594	No
146	GOM_NL__2PRFIN20100212_203153_000000462086_00458_41594_4858.N1	12-FEB-2010 20:31:53	Straylight	46.000	65	Lam Vel	2.2040	4400.0	92	41594	No
147	GOM_NL__2PRFIN20100212_204159_000000532086_00458_41594_4859.N1	12-FEB-2010 20:41:59	Straylight	52.500	48	30Alp Hya	1.9770	4100.0	105	41594	No
148	GOM_NL__2PRFIN20100212_205246_000000402086_00458_41594_4860.N1	12-FEB-2010 20:52:46	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	41594	No
149	GOM_NL__2PRFIN20100212_211010_000000332086_00458_41594_4861.N1	12-FEB-2010 21:10:10	Bright	32.500	49	1Alp UMi	1.9900	6300.0	65	41594	No
150	GOM_NL__2PRFIN20100212_211227_000000372086_00458_41594_4862.N1	12-FEB-2010 21:12:27	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	41594	No
151	GOM_NL__2PRFIN20100212_211719_000000402086_00458_41594_4863.N1	12-FEB-2010 21:17:19	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	41594	No
152	GOM_NL__2PRFIN20100212_212058_000000372086_00458_41594_4864.N1	12-FEB-2010 21:20:58	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	41594	No
153	GOM_NL__2PRFIN20100212_212505_000000422086_00458_41594_4865.N1	12-FEB-2010 21:25:05	Bright	42.000	5	3Alp Lyr	0.033000	11000.	84	41594	No
154	GOM_NL__2PRFIN20100212_213156_000000522086_00458_41594_4866.N1	12-FEB-2010 21:31:56	Bright	52.000	168	17Zet Aql	2.9860	11000.	104	41594	No
155	GOM_NL__2PRFIN20100212_213612_000000482086_00458_41594_4867.N1	12-FEB-2010 21:36:12	Bright	47.500	126	60Bet Oph	2.7700	4250.0	95	41594	No
156	GOM_NL__2PRFIN20100212_214321_000000512086_00458_41594_4868.N1	12-FEB-2010 21:43:21	Dark	51.000	86	35Eta Oph	2.4300	10200.	102	41594	No
157	GOM_NL__2PRFIN20100212_214550_000000432086_00458_41594_4869.N1	12-FEB-2010 21:45:50	Dark	43.000	38	20Eps Sgr	1.8360	11000.	86	41594	No
158	GOM_NL__2PRFIN20100212_214751_000000502086_00458_41594_4870.N1	12-FEB-2010 21:47:51	Dark	49.500	25	35Lam Sco	1.6200	28000.	99	41594	No
159	GOM_NL__2PRFIN20100212_214910_000000502086_00458_41594_4871.N1	12-FEB-2010 21:49:10	Dark	49.500	40	The Sco	1.8590	7100.0	99	41594	No
160	GOM_NL__2PRFIN20100212_215057_000000402086_00458_41594_4872.N1	12-FEB-2010 21:50:57	Dark	40.000	147	Alp Ara	2.8770	26000.	80	41594	No

161	GOM_NL__2PRFIN20100212_215226_000000482086_00458_41594_4873.N1	12-FEB-2010 21:52:26	Dark	48.000	141	Bet Ara	2.8400	4600.0	96	41594	No
162	GOM_NL__2PRFIN20100212_215414_000000462086_00459_41595_4861.N1	12-FEB-2010 21:54:14	Dark	45.500	131	Gam Lup	2.8000	26000.	91	41595	No
163	GOM_NL__2PRFIN20100212_215946_000000422086_00459_41595_4862.N1	12-FEB-2010 21:59:46	Dark	41.500	10	Bet Cen	0.61000	28000.	83	41595	No
164	GOM_NL__2PRFIN20100212_220255_000000402086_00459_41595_4863.N1	12-FEB-2010 22:02:55	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	41595	No
165	GOM_NL__2PRFIN20100212_220424_000000462086_00459_41595_4864.N1	12-FEB-2010 22:04:24	Dark	46.000	64	Gam Cen	2.2000	10600.	92	41595	No
166	GOM_NL__2PRFIN20100212_220910_000000422086_00459_41595_4865.N1	12-FEB-2010 22:09:10	Dark	42.000	91	Kap Vel	2.4900	26000.	84	41595	No
167	GOM_NL__2PRFIN20100212_221229_000000452086_00459_41595_4866.N1	12-FEB-2010 22:12:29	Straylight	45.000	65	Lam Vel	2.2040	4400.0	90	41595	No
168	GOM_NL__2PRFIN20100212_222235_000000542086_00459_41595_4867.N1	12-FEB-2010 22:22:35	Straylight	53.500	48	30Alp Hya	1.9770	4100.0	107	41595	No
169	GOM_NL__2PRFIN20100212_223322_000000392086_00459_41595_4868.N1	12-FEB-2010 22:33:22	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	41595	No
170	GOM_NL__2PRFIN20100212_225046_000000342086_00459_41595_4869.N1	12-FEB-2010 22:50:46	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	41595	No
171	GOM_NL__2PRFIN20100212_225303_000000432086_00459_41595_4870.N1	12-FEB-2010 22:53:03	Bright	43.000	60	7Bet UMi	2.0810	3950.0	86	41595	No
172	GOM_NL__2PRFIN20100212_225754_000000402086_00459_41595_4871.N1	12-FEB-2010 22:57:54	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	41595	No
173	GOM_NL__2PRFIN20100212_230134_000000422086_00459_41595_4872.N1	12-FEB-2010 23:01:34	Bright	41.500	130	23Bet Dra	2.7990	5800.0	83	41595	No
174	GOM_NL__2PRFIN20100212_230541_000000392086_00459_41595_4873.N1	12-FEB-2010 23:05:41	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	41595	No
175	GOM_NL__2PRFIN20100212_231232_000000522086_00459_41595_4874.N1	12-FEB-2010 23:12:32	Bright	52.000	168	17Zet Aql	2.9860	11000.	104	41595	No
176	GOM_NL__2PRFIN20100212_231648_000000482086_00459_41595_4875.N1	12-FEB-2010 23:16:48	Bright	47.500	126	60Bet Oph	2.7700	4250.0	95	41595	No
177	GOM_NL__2PRFIN20100212_232358_000000542086_00459_41595_4876.N1	12-FEB-2010 23:23:58	Dark	53.500	86	35Eta Oph	2.4300	10200.	107	41595	No
178	GOM_NL__2PRFIN20100212_232626_000000422086_00459_41595_4877.N1	12-FEB-2010 23:26:26	Dark	41.500	38	20Eps Sgr	1.8360	11000.	83	41595	No
179	GOM_NL__2PRFIN20100212_232828_000000492086_00459_41595_4878.N1	12-FEB-2010 23:28:28	Dark	49.000	25	35Lam Sco	1.6200	28000.	98	41595	No
180	GOM_NL__2PRFIN20100212_232946_000000502086_00459_41595_4879.N1	12-FEB-2010 23:29:46	Dark	49.500	40	The Sco	1.8590	7100.0	99	41595	No
181	GOM_NL__2PRFIN20100212_233134_000000392086_00459_41595_4880.N1	12-FEB-2010 23:31:34	Dark	38.500	147	Alp Ara	2.8770	26000.	77	41595	No
182	GOM_NL__2PRFIN20100212_233302_000000432086_00459_41595_4881.N1	12-FEB-2010 23:33:02	Dark	43.000	141	Bet Ara	2.8400	4600.0	86	41595	No
183	GOM_NL__2PRFIN20100212_233451_000000462086_00460_41596_4869.N1	12-FEB-2010 23:34:51	Dark	45.500	131	Gam Lup	2.8000	26000.	91	41596	No
184	GOM_NL__2PRFIN20100212_234023_000000422086_00460_41596_4870.N1	12-FEB-2010 23:40:23	Dark	42.000	10	Bet Cen	0.61000	28000.	84	41596	No
185	GOM_NL__2PRFIN20100212_234331_000000492086_00460_41596_4871.N1	12-FEB-2010 23:43:31	Dark	48.500	12	Alp1Cru	0.77500	30000.	97	41596	No
186	GOM_NL__2PRFIN20100212_234501_000000532086_00460_41596_4872.N1	12-FEB-2010 23:45:01	Dark	52.500	64	Gam Cen	2.2000	10600.	105	41596	No
187	GOM_NL__2PRFIN20100212_234946_000000402086_00460_41596_4873.N1	12-FEB-2010 23:49:46	Dark	39.500	91	Kap Vel	2.4900	26000.	79	41596	No
188	GOM_NL__2PRFIN20100212_235305_000000442086_00460_41596_4874.N1	12-FEB-2010 23:53:05	Straylight	43.500	65	Lam Vel	2.2040	4400.0	87	41596	No

3. Quality information per product

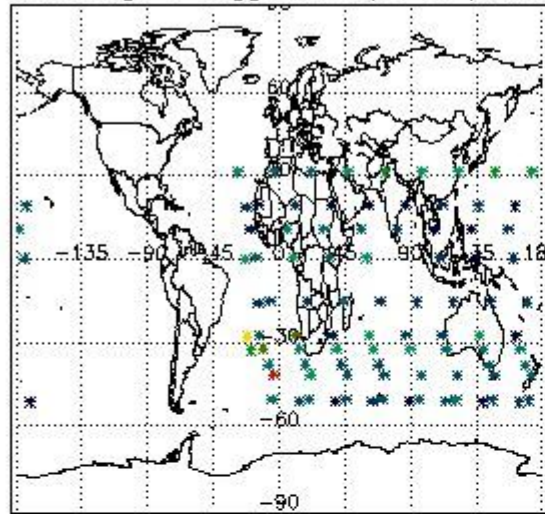
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

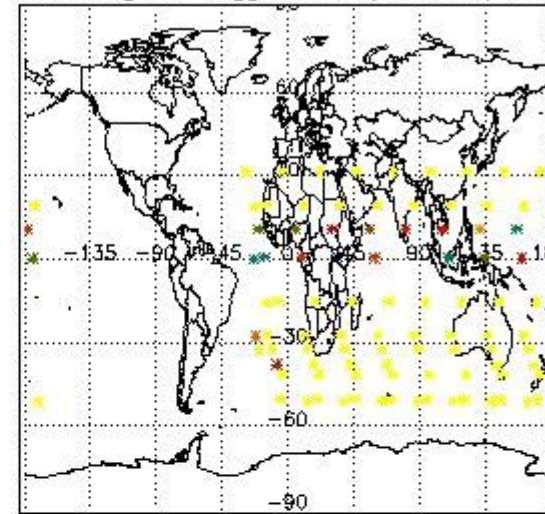


3.2 Plot quality information per product (world map)

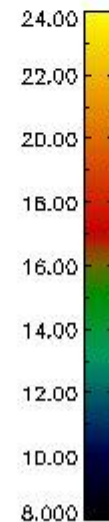
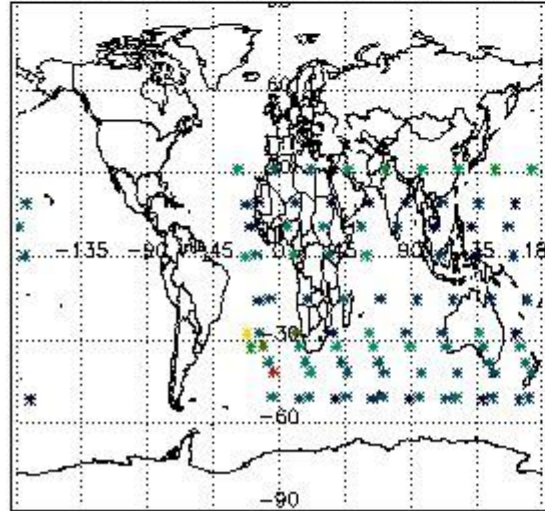
Percentage of flagged data per O3 profile



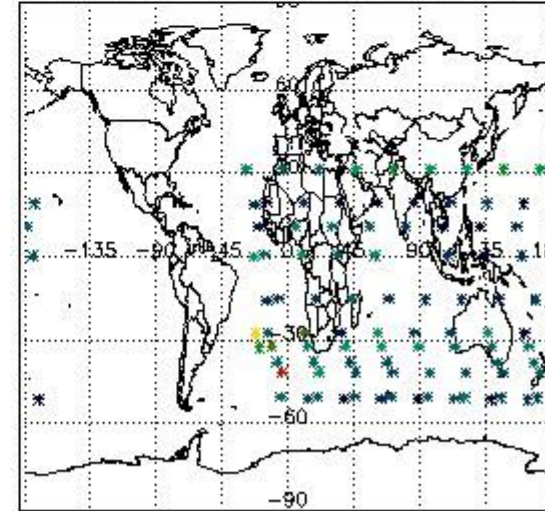
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

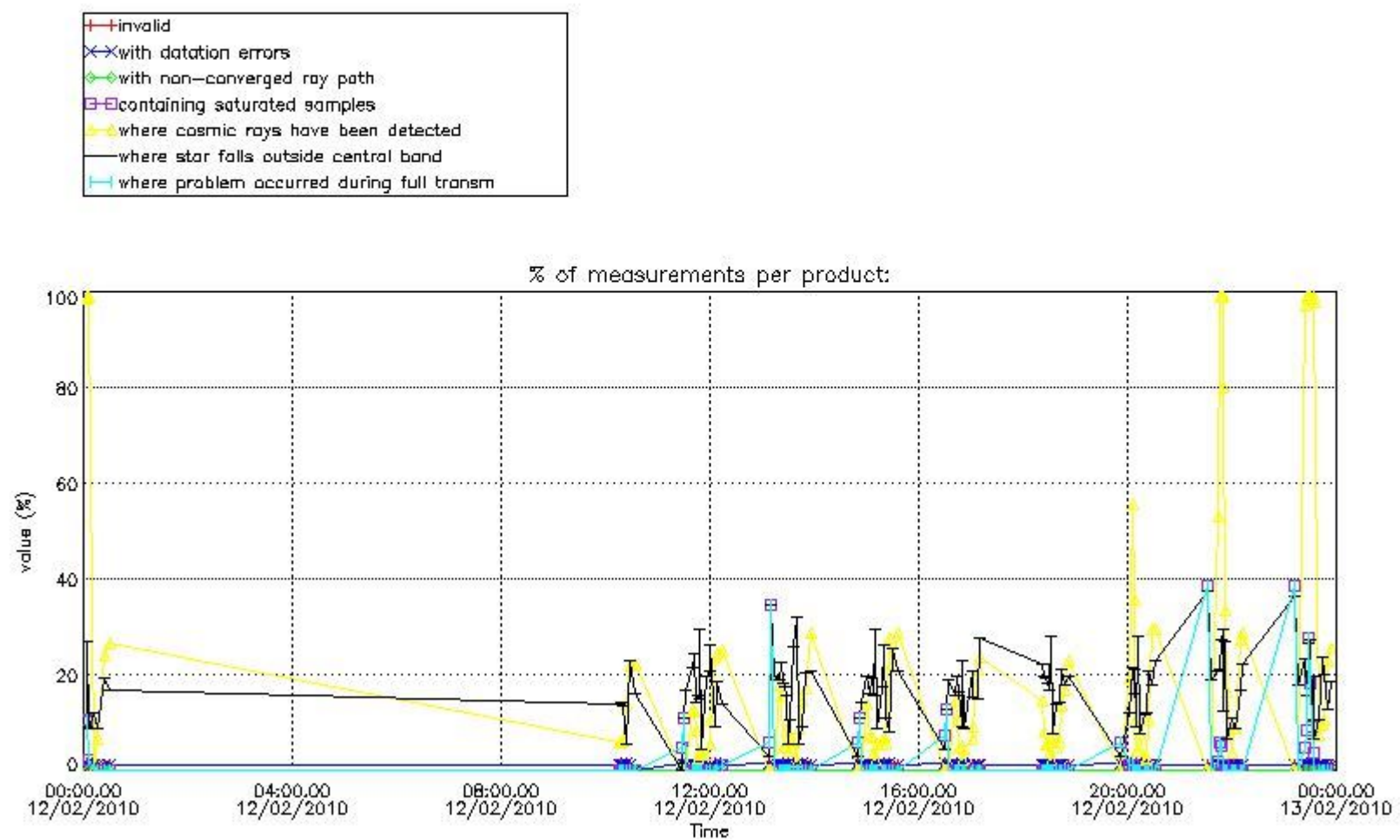


4. Level 1 quality information per product

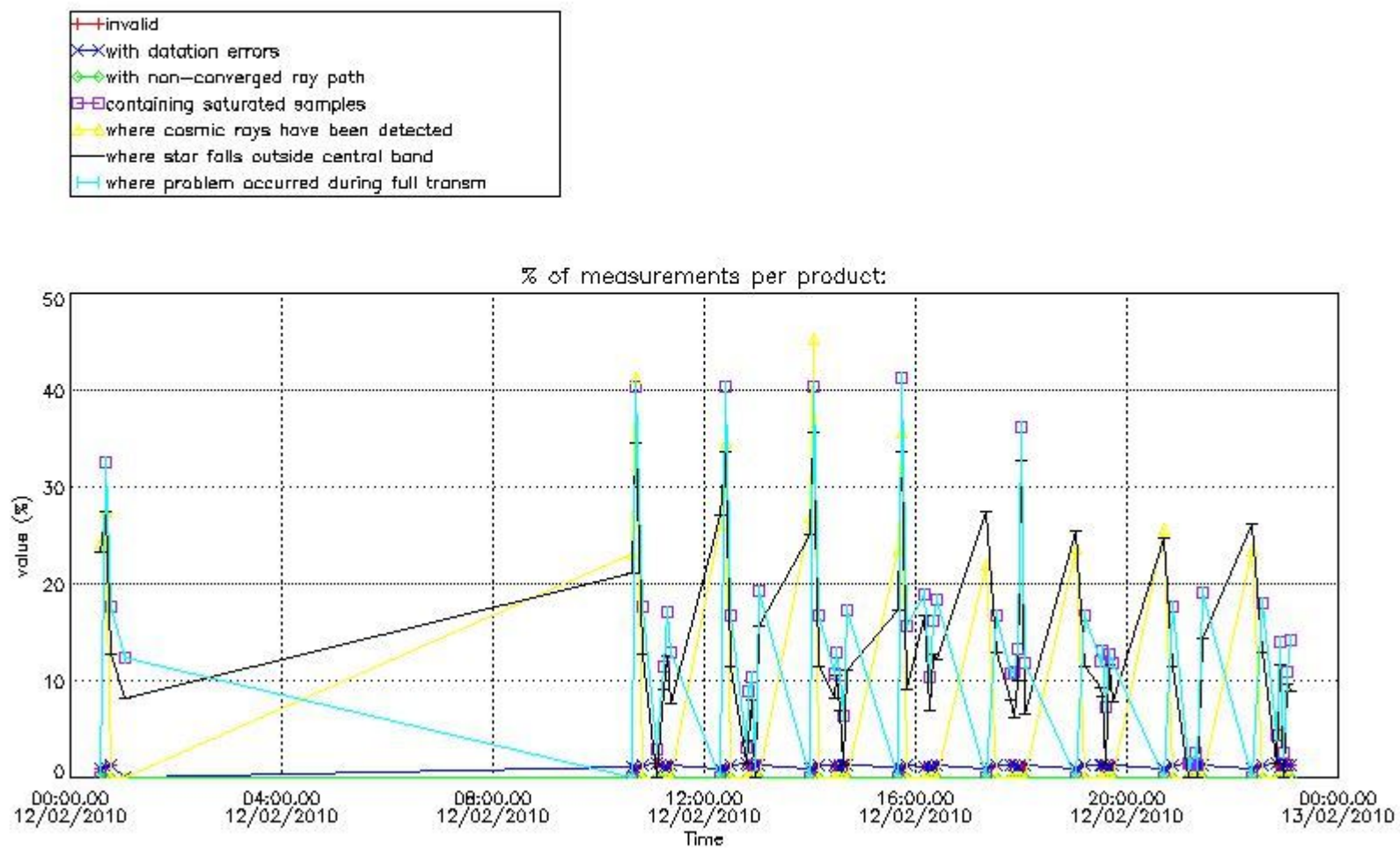
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

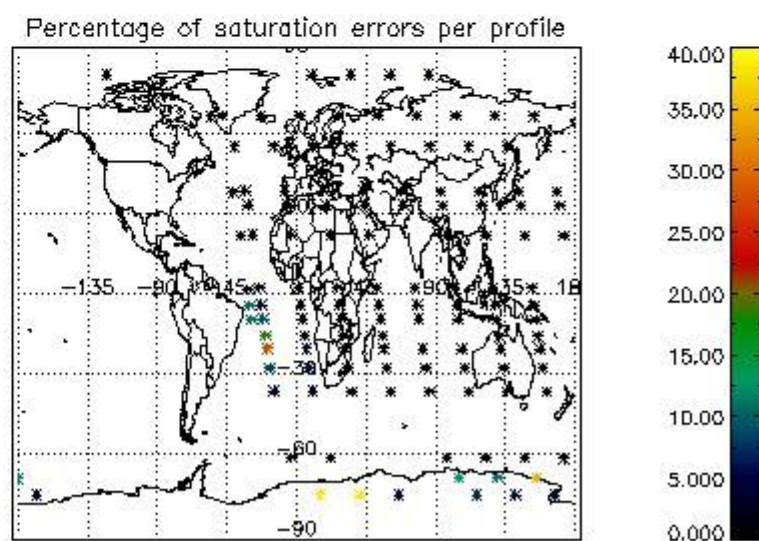
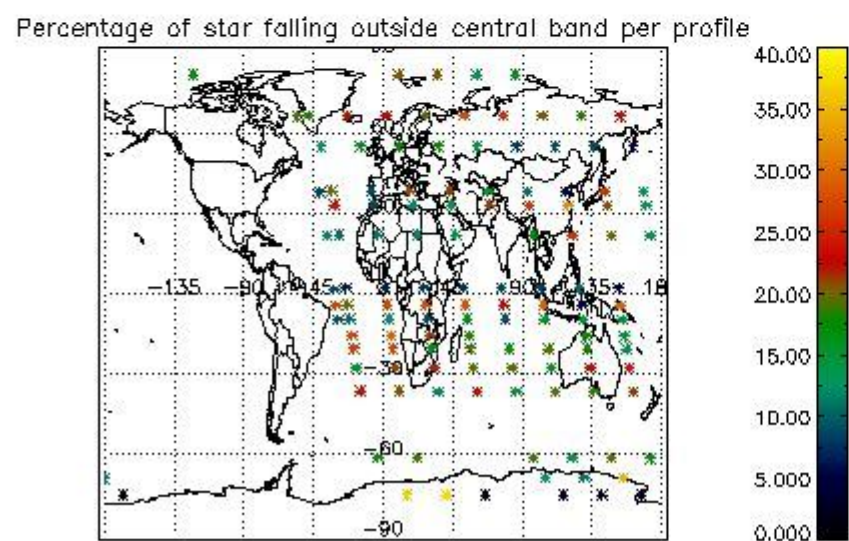
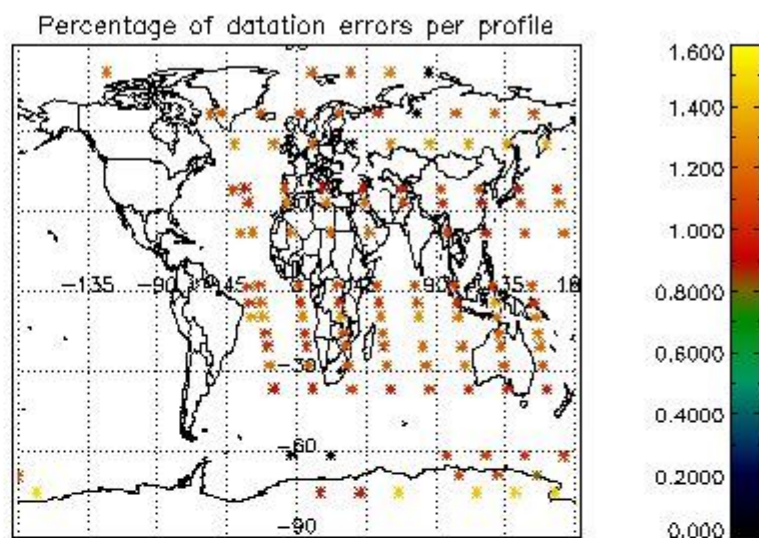
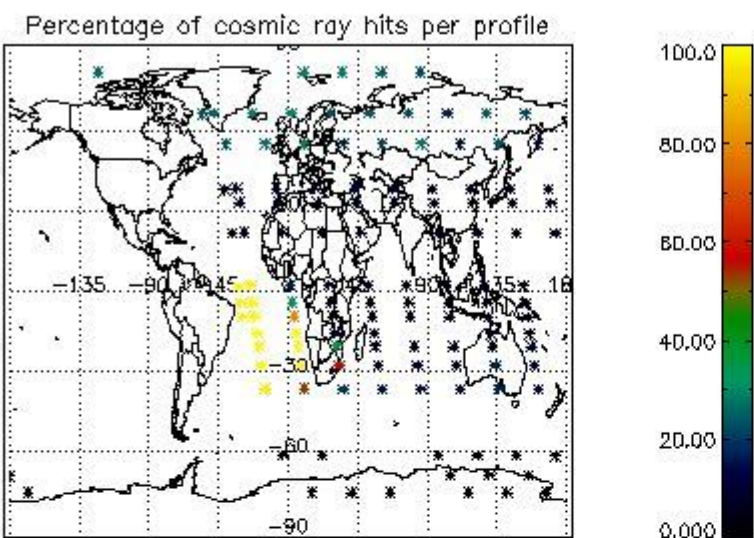


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

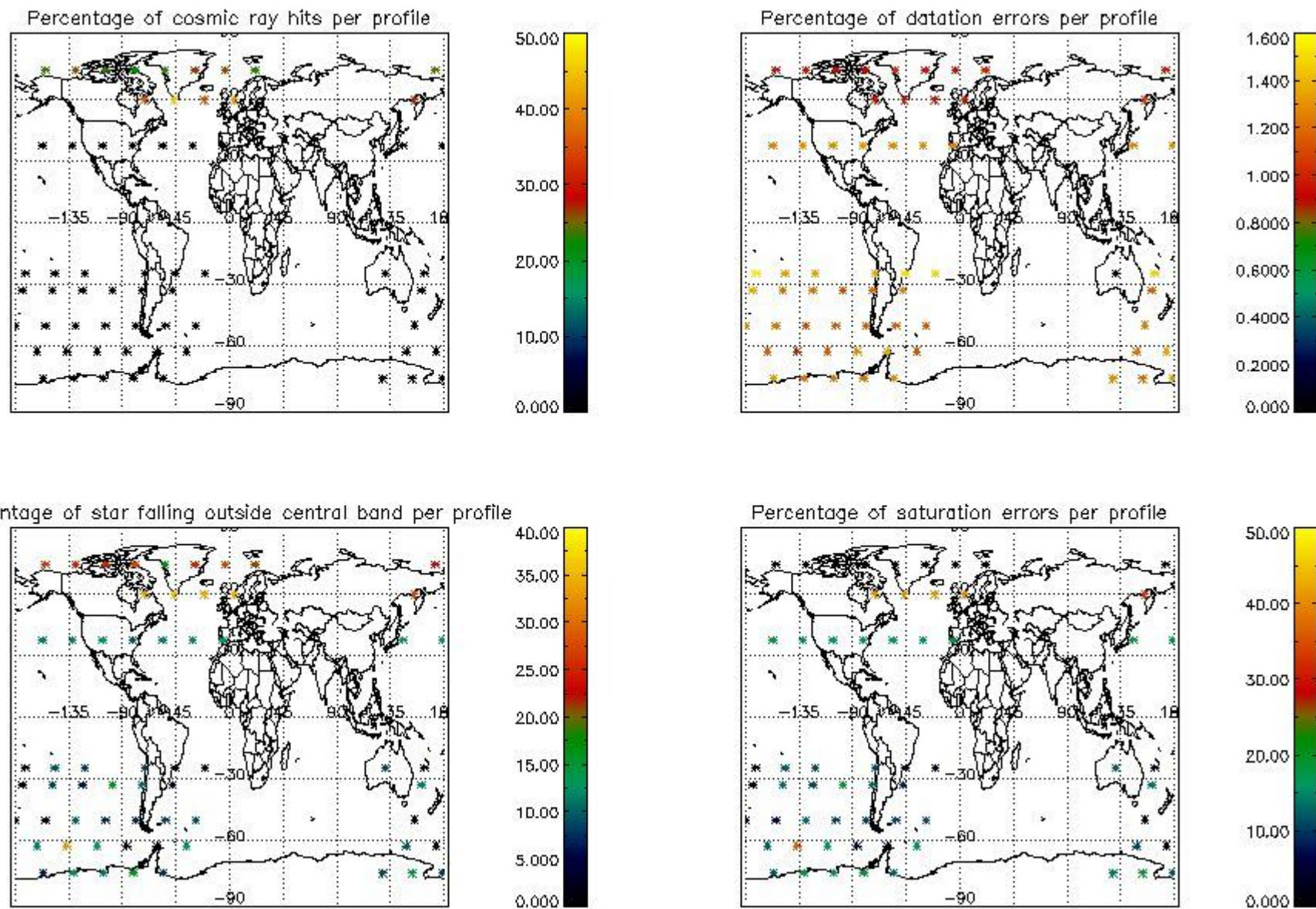


4.2 Plot quality information per product coming from level 1b processing (world map)

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

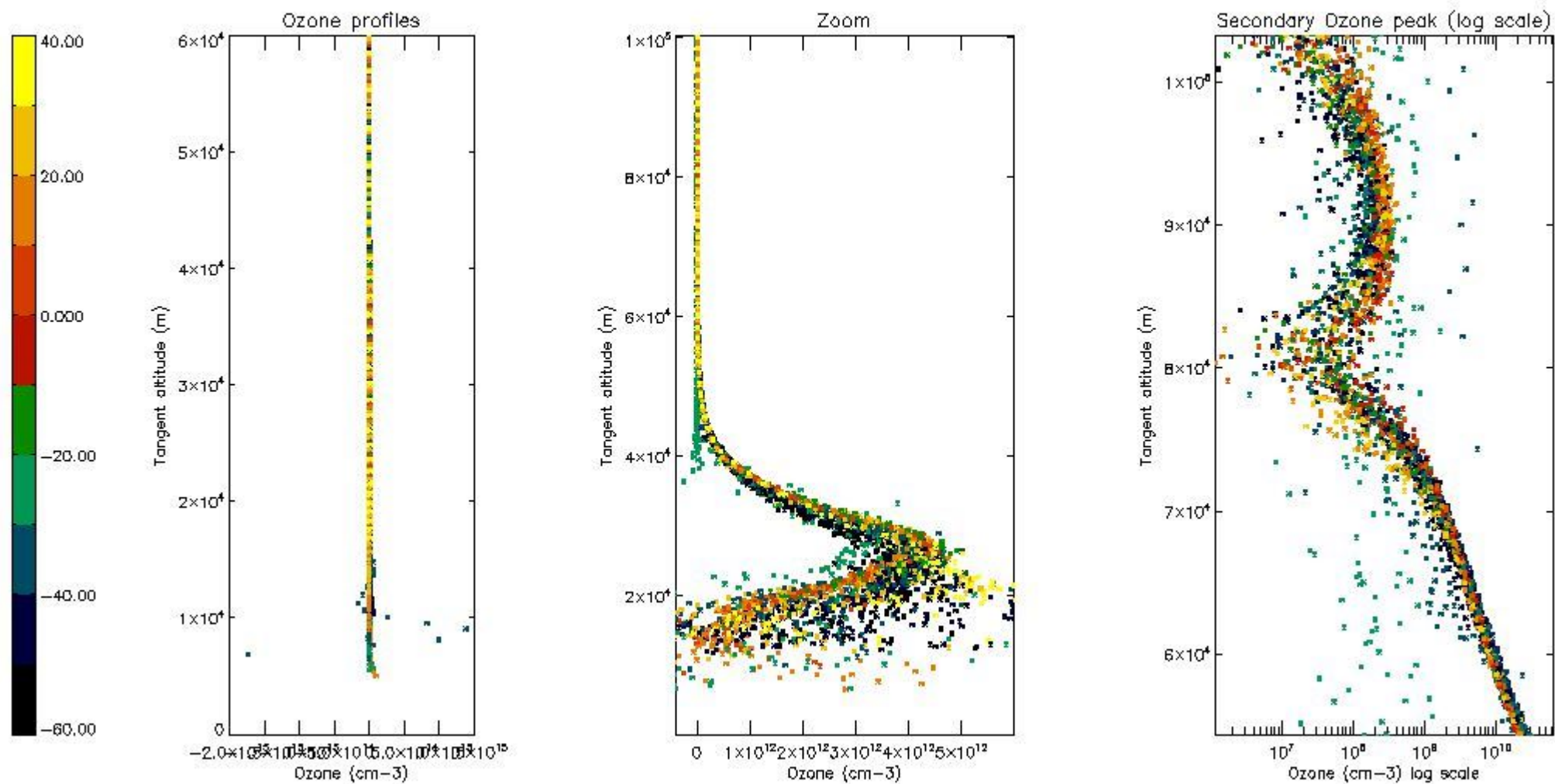
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	52
STD < 20	28

STD < 10	24
STD < 5	15

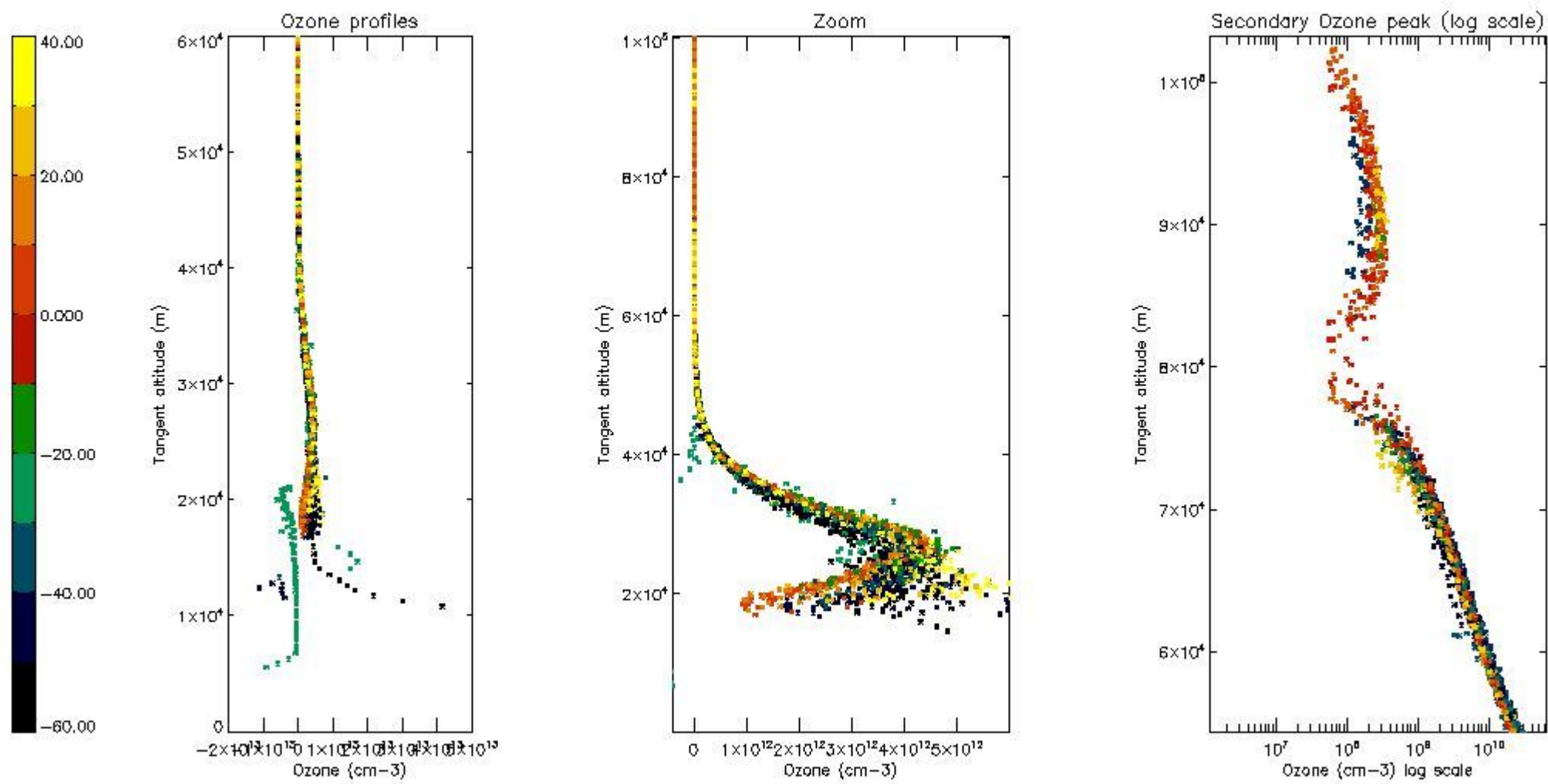
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



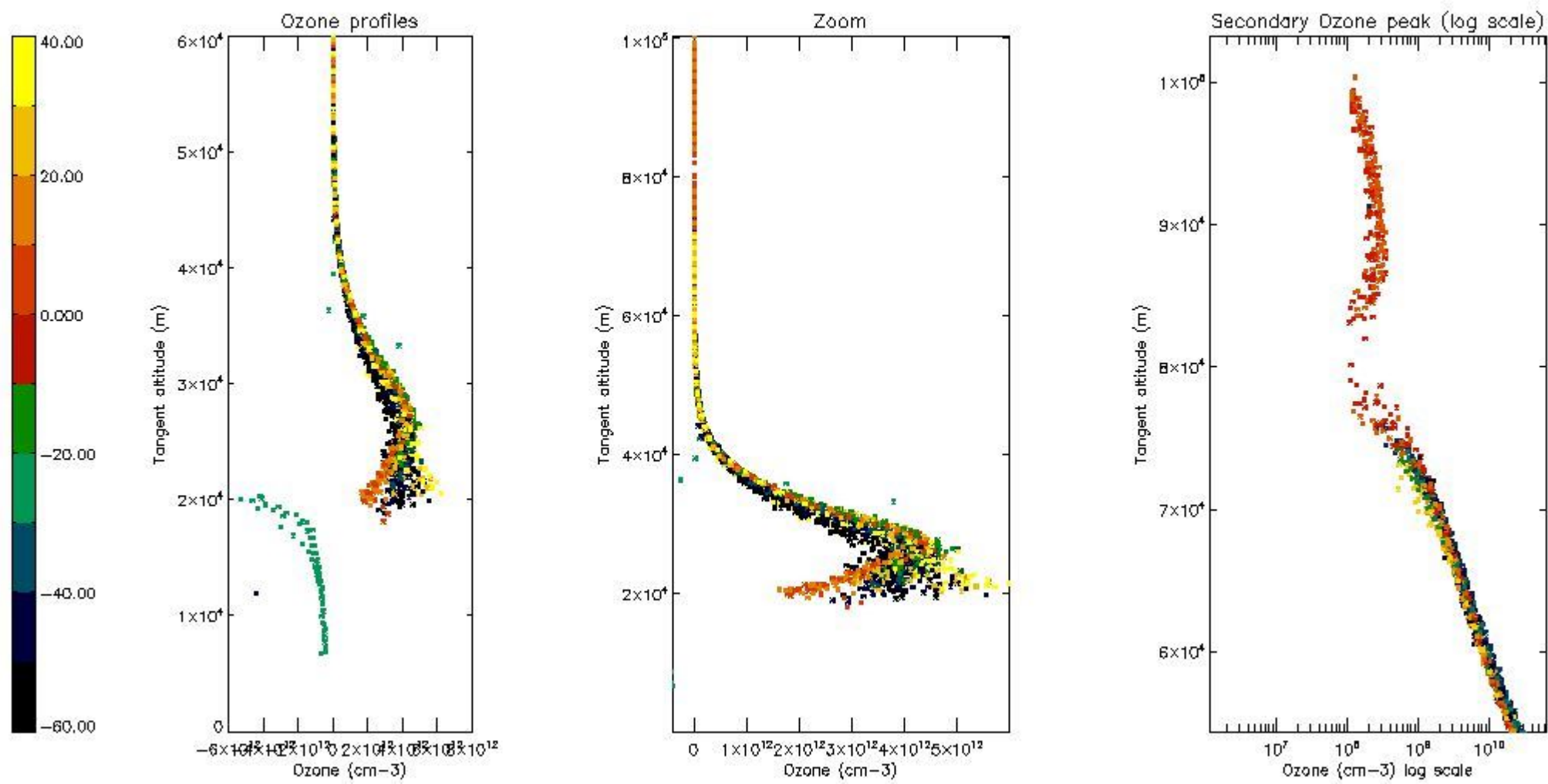
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



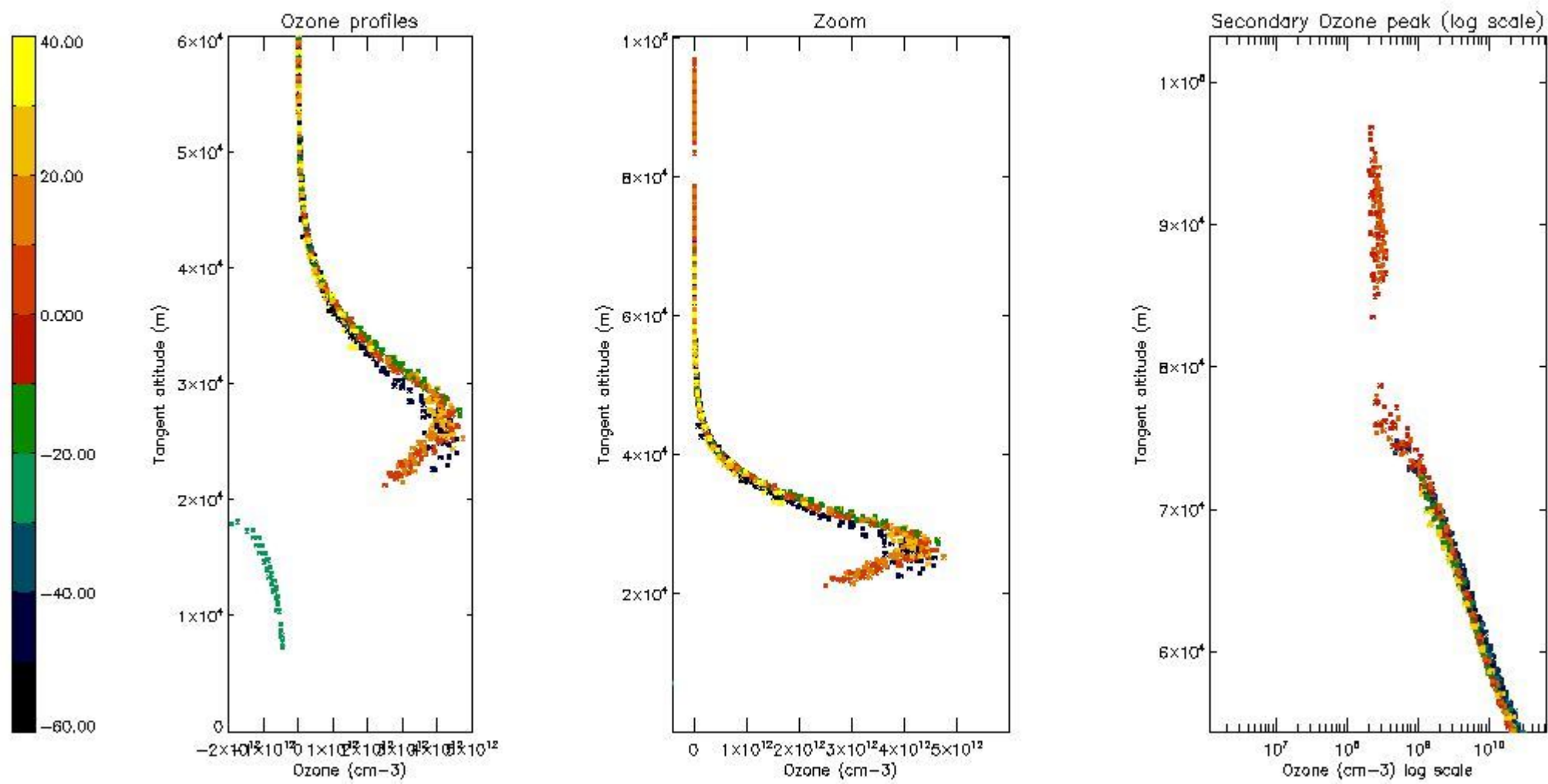
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



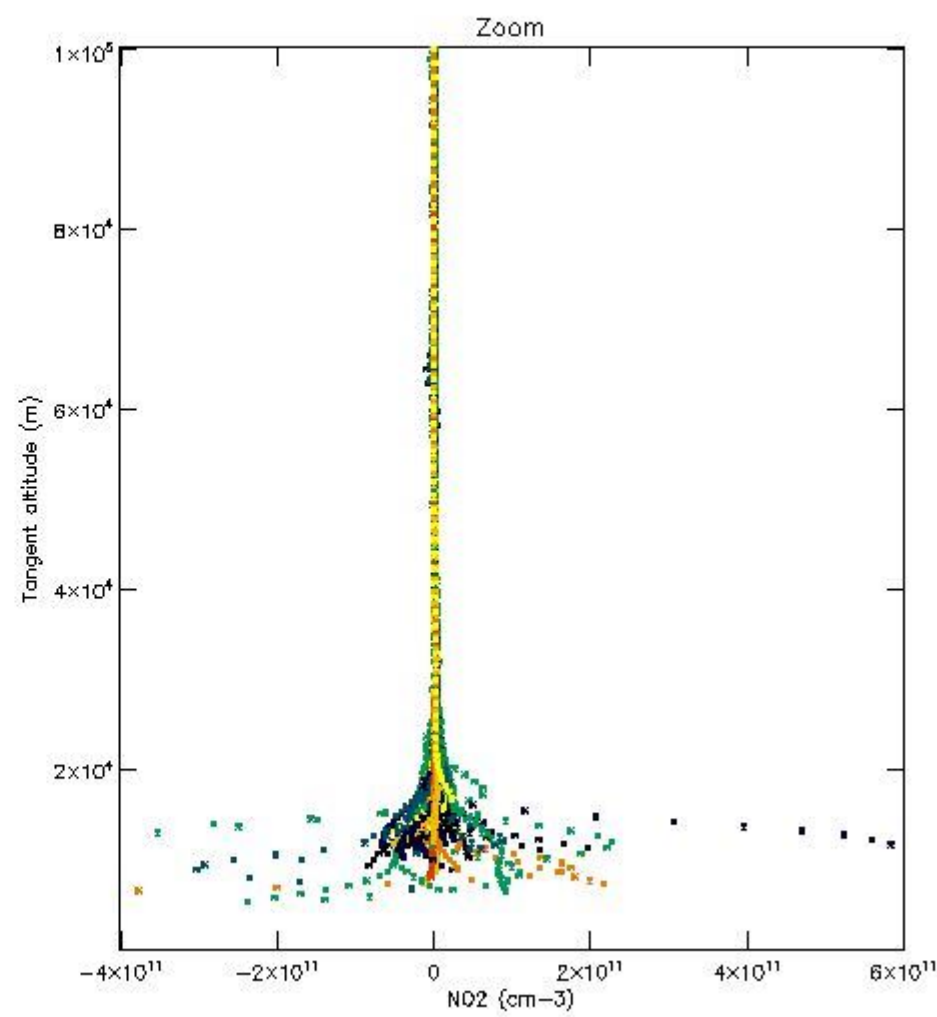
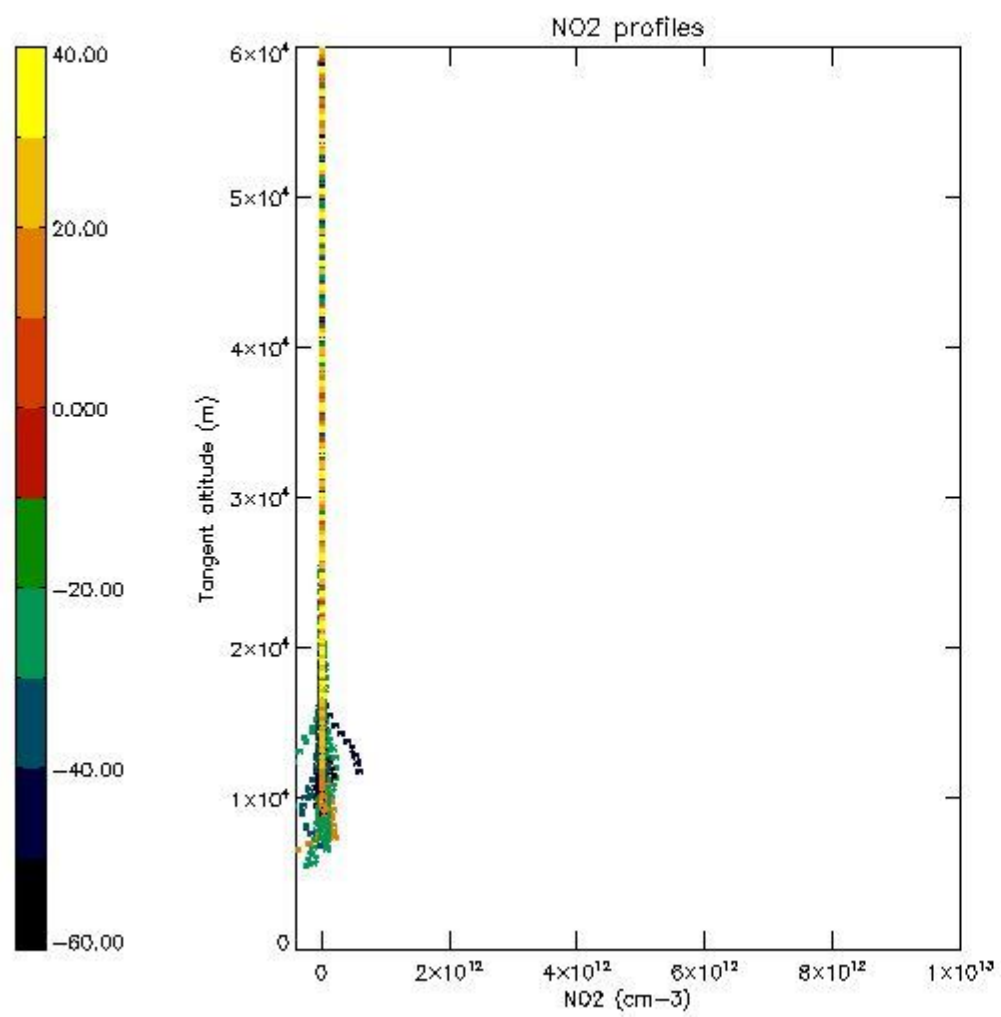
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



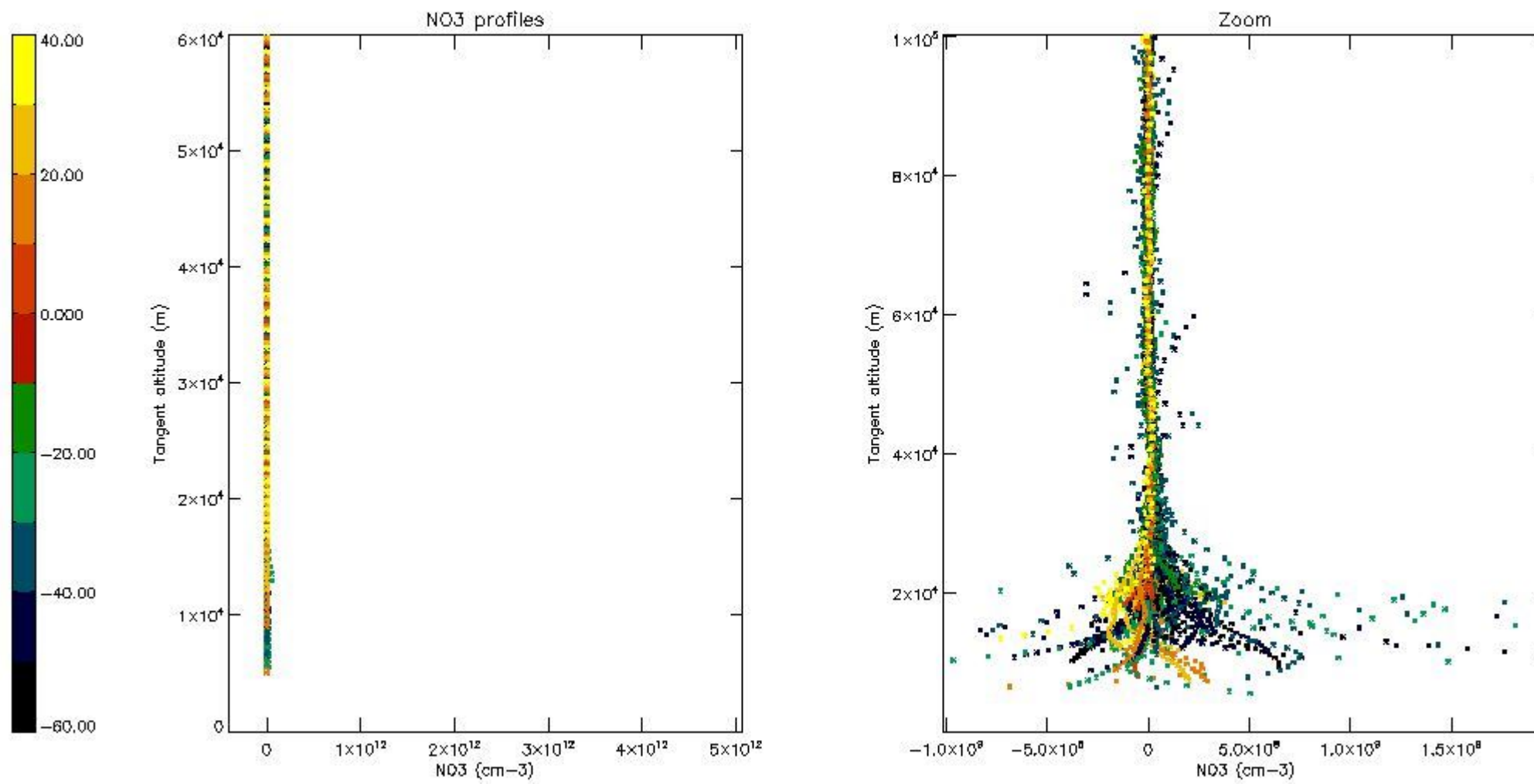
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

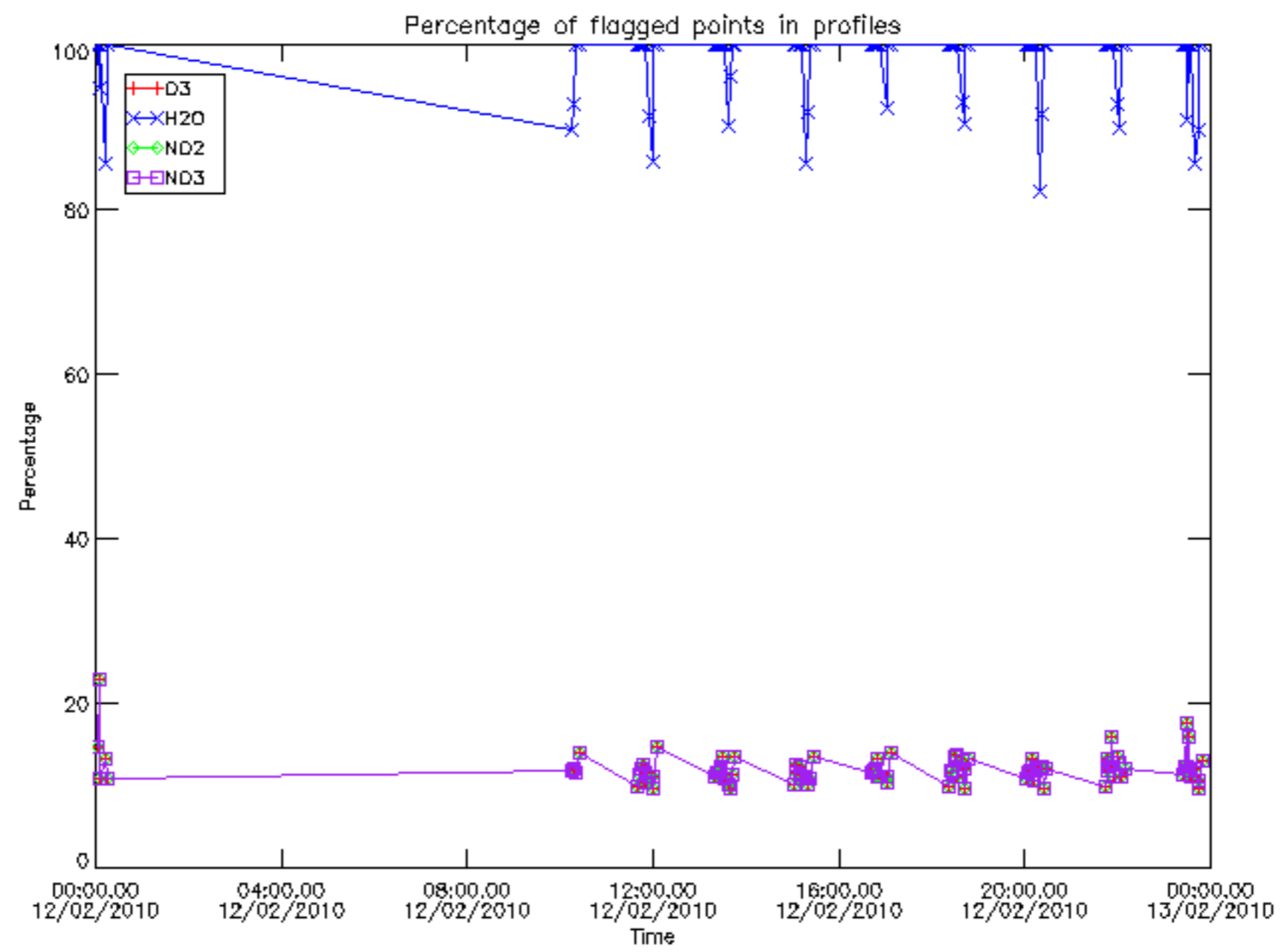
The colorbar represents the latitude.



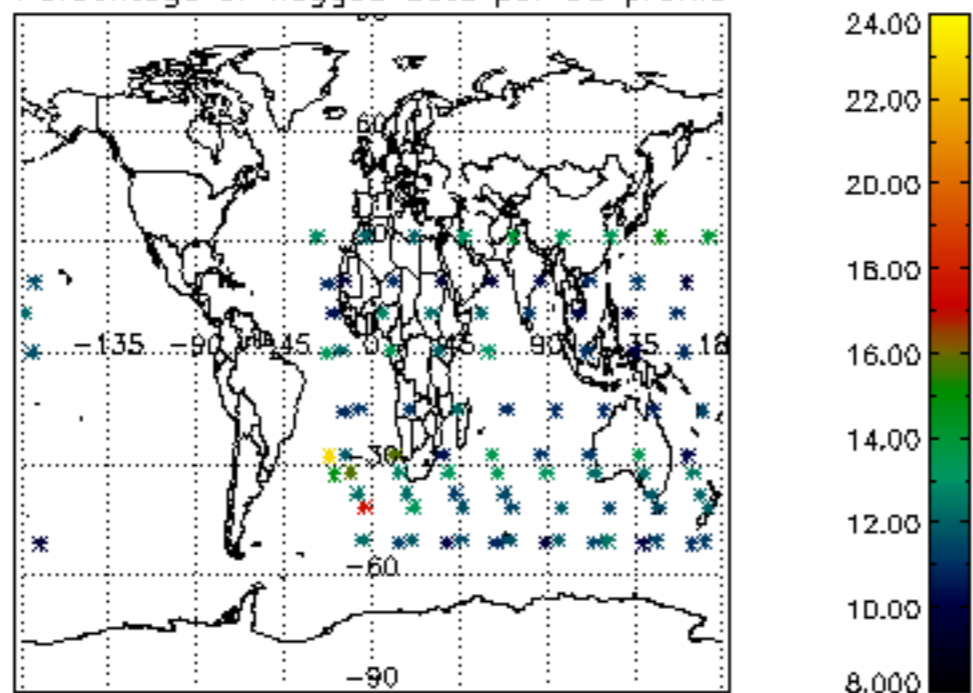
6. Auxiliary Data Files used for the production reported in section 2

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.

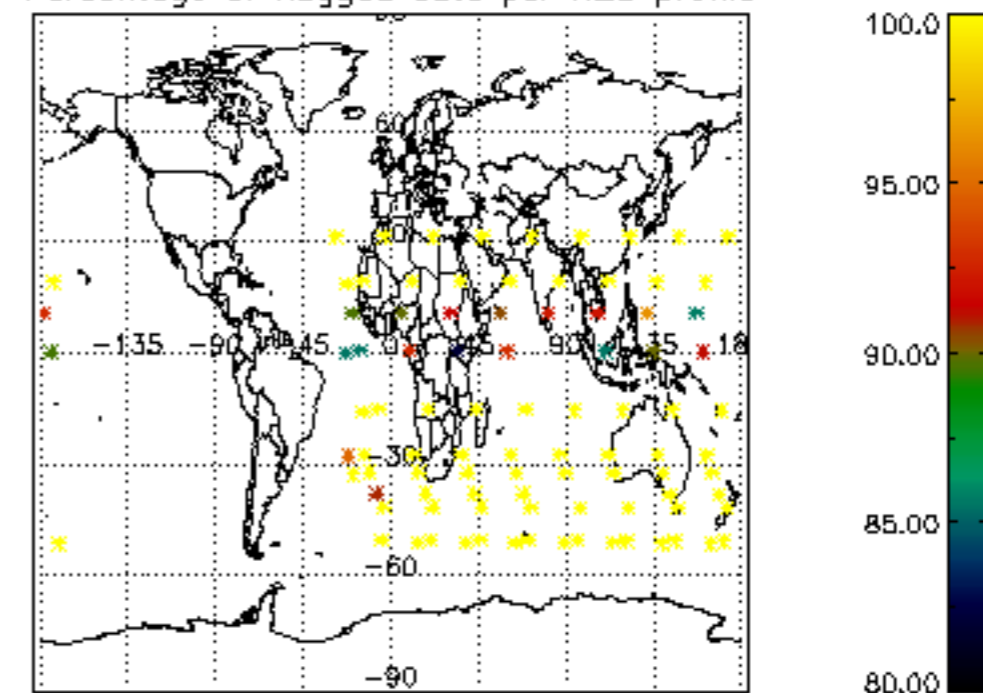
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	12-FEB-2010 00:03:06
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	12-FEB-2010 00:03:06
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	12-FEB-2010 00:03:06



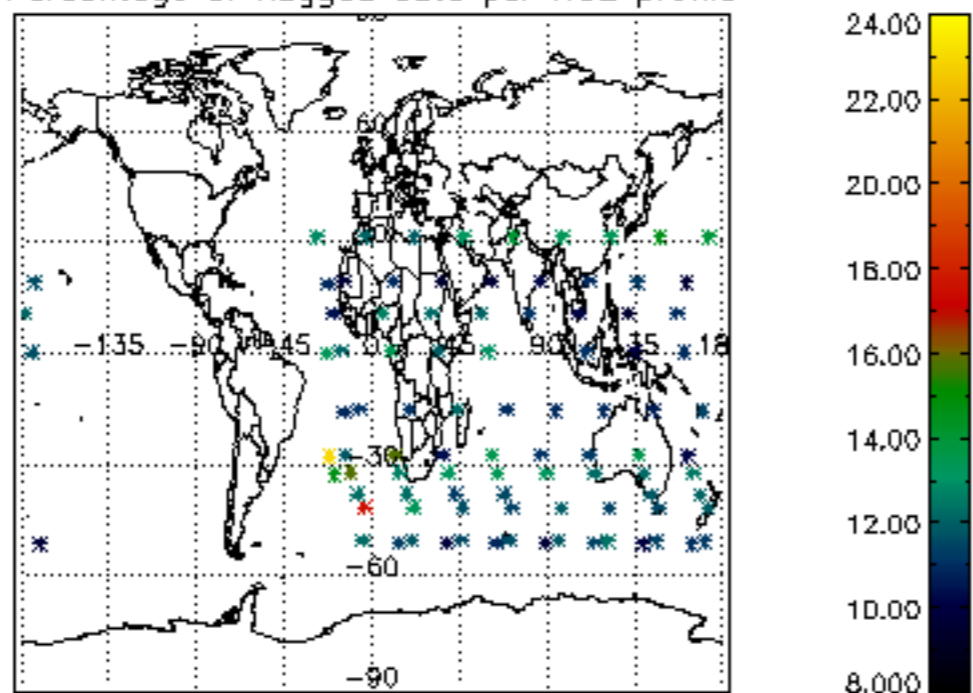
Percentage of flagged data per D3 profile



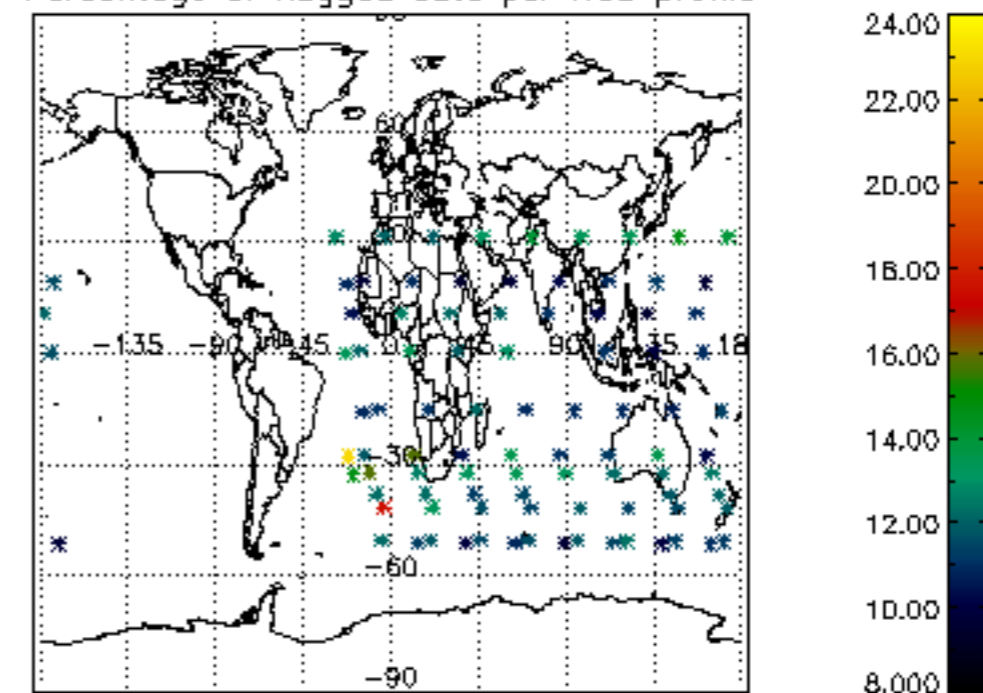
Percentage of flagged data per H2O profile

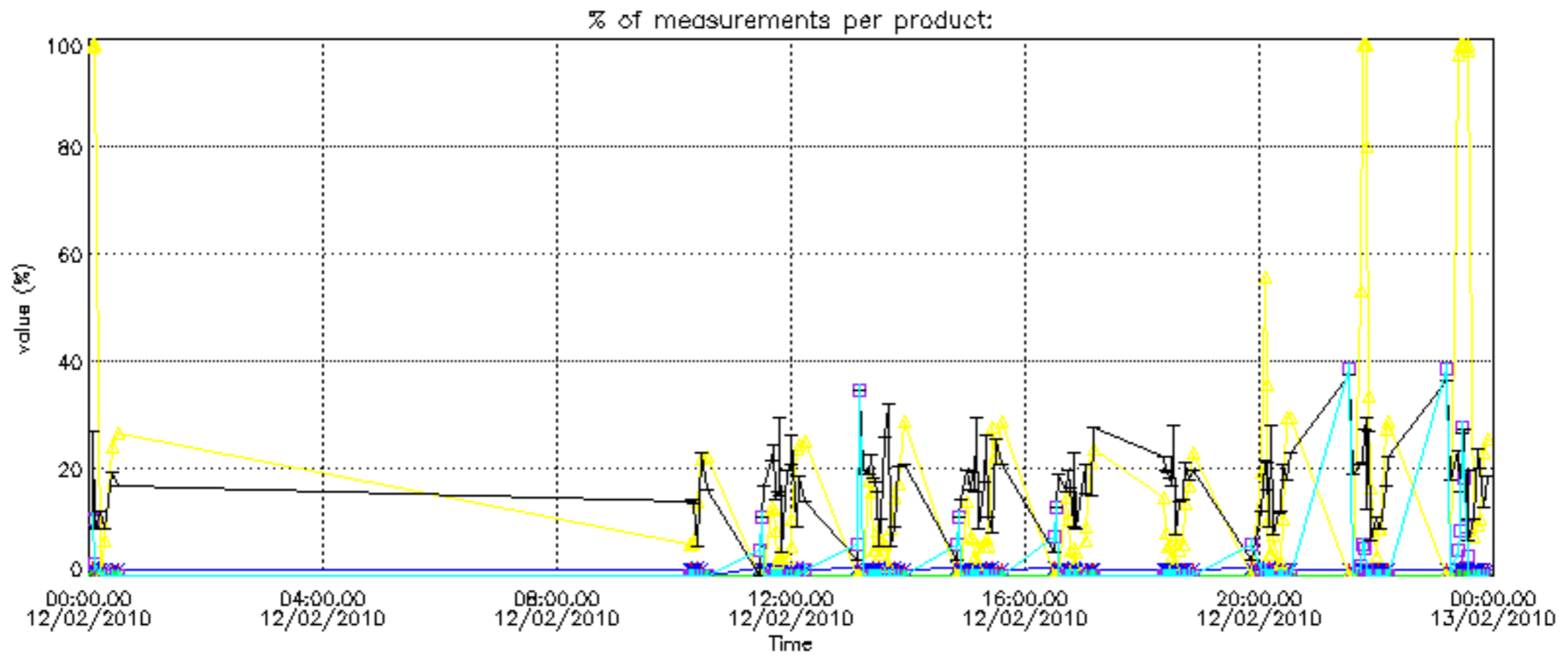


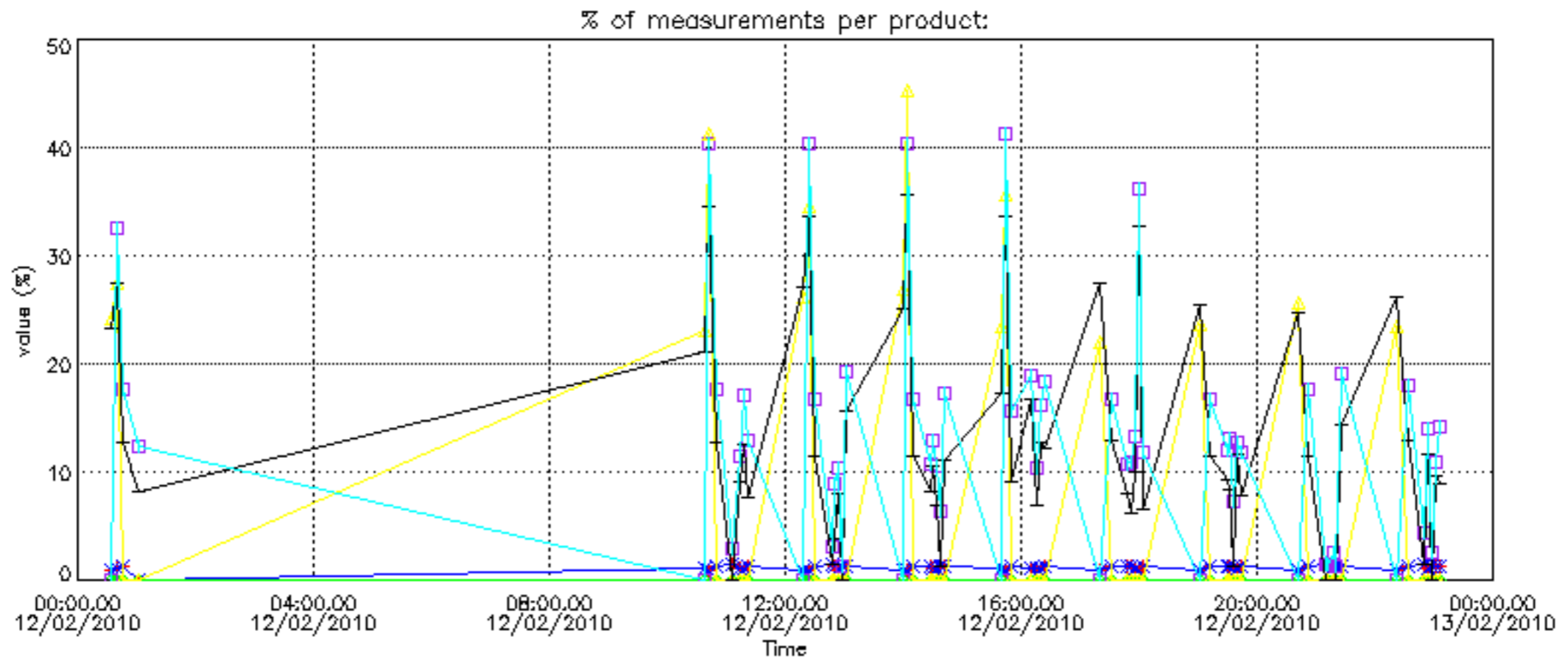
Percentage of flagged data per NO2 profile



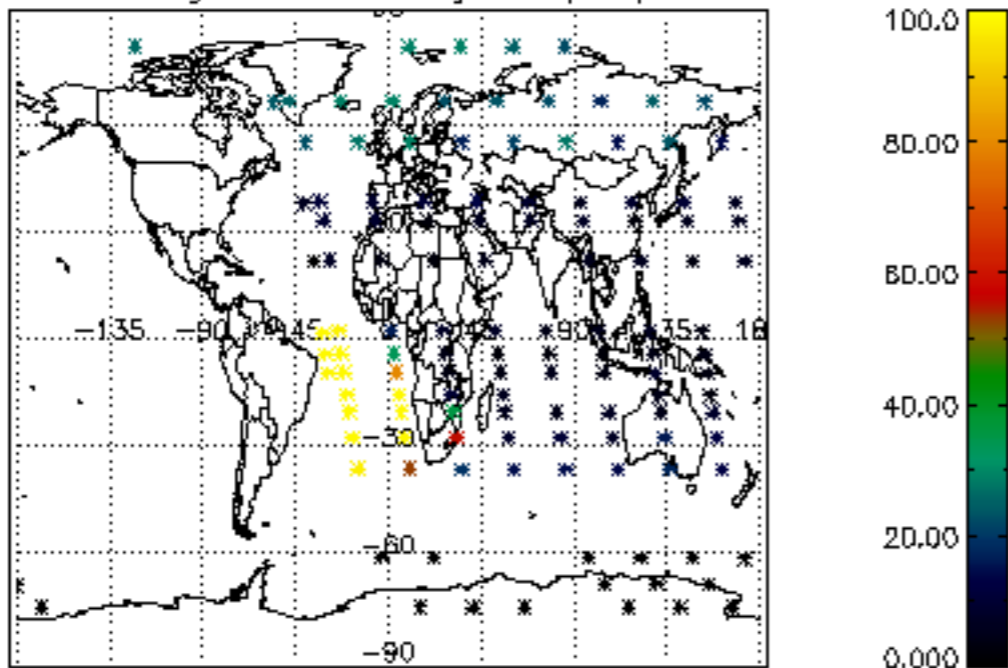
Percentage of flagged data per NO3 profile



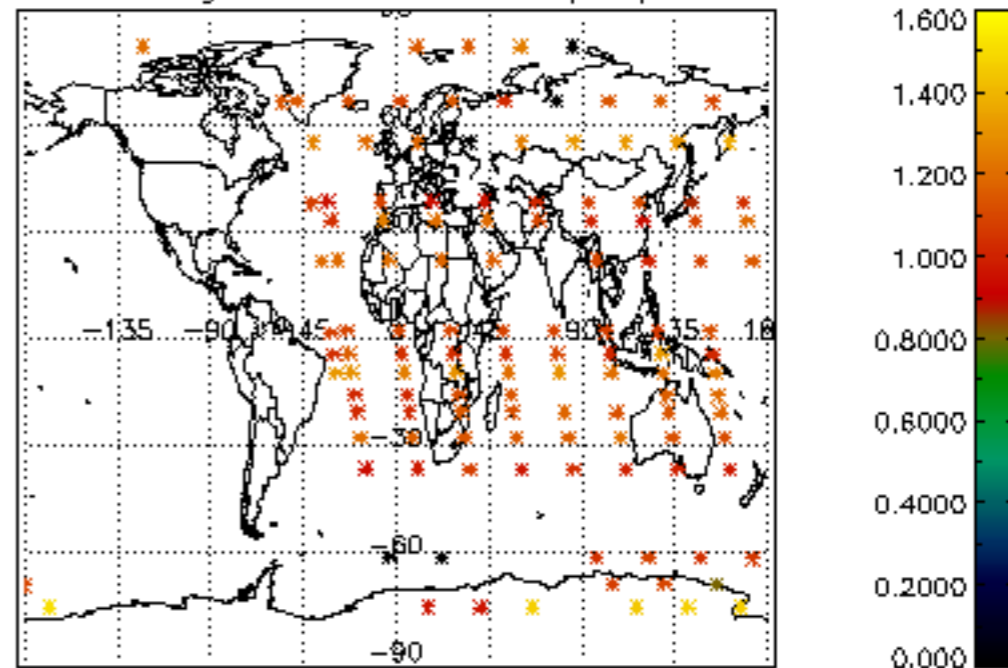




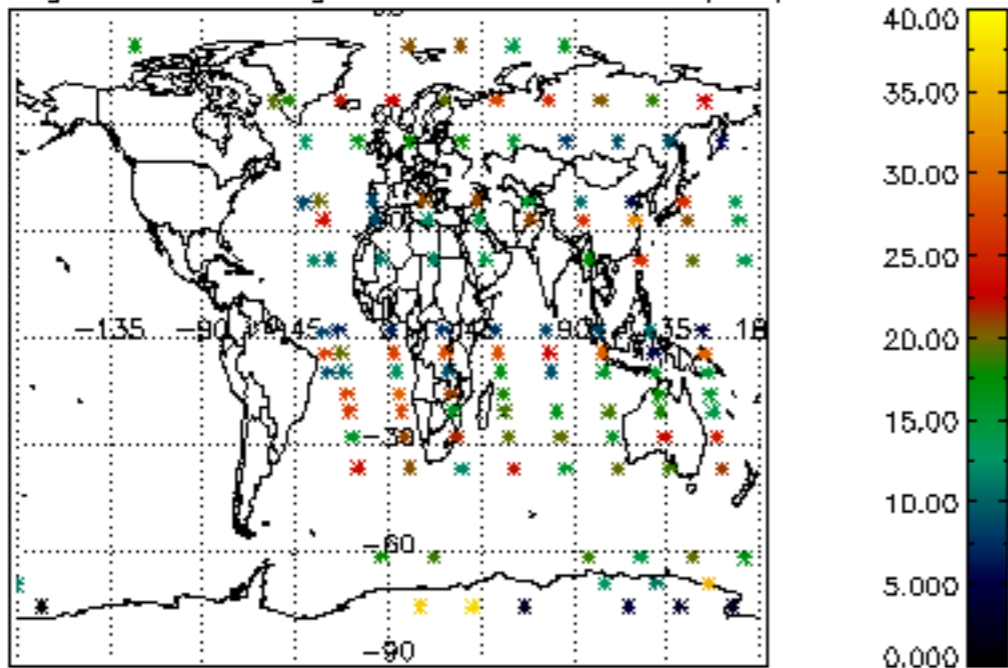
Percentage of cosmic ray hits per profile



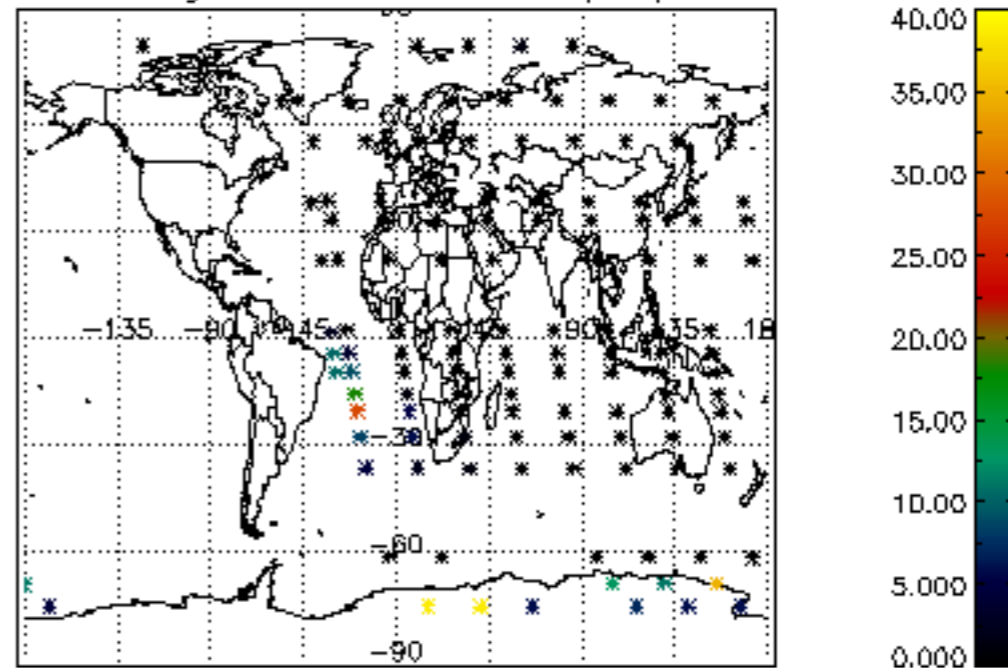
Percentage of datation errors per profile



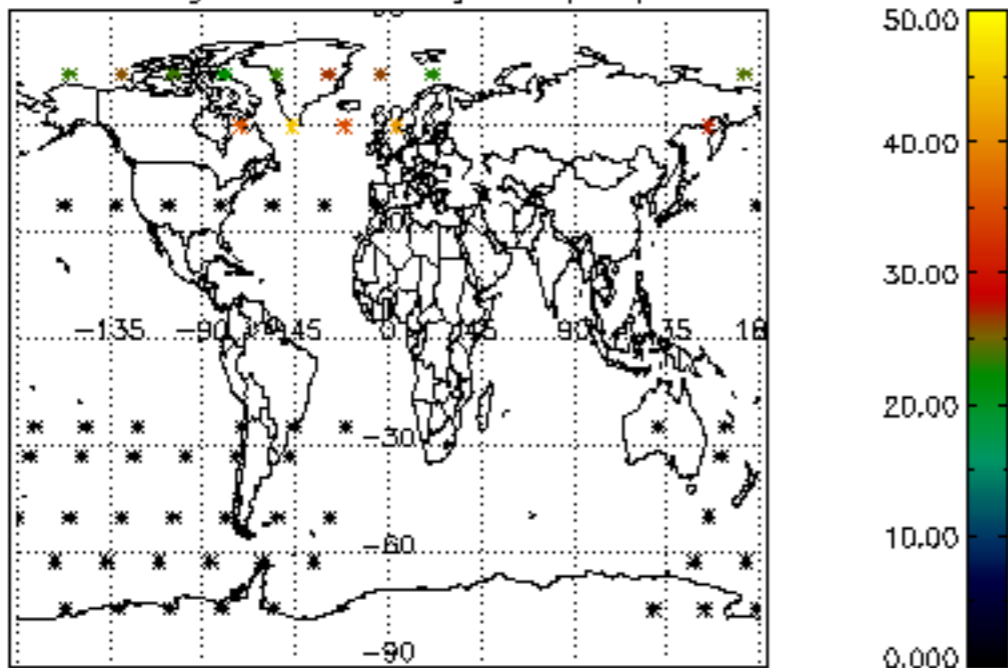
Percentage of star falling outside central band per profile



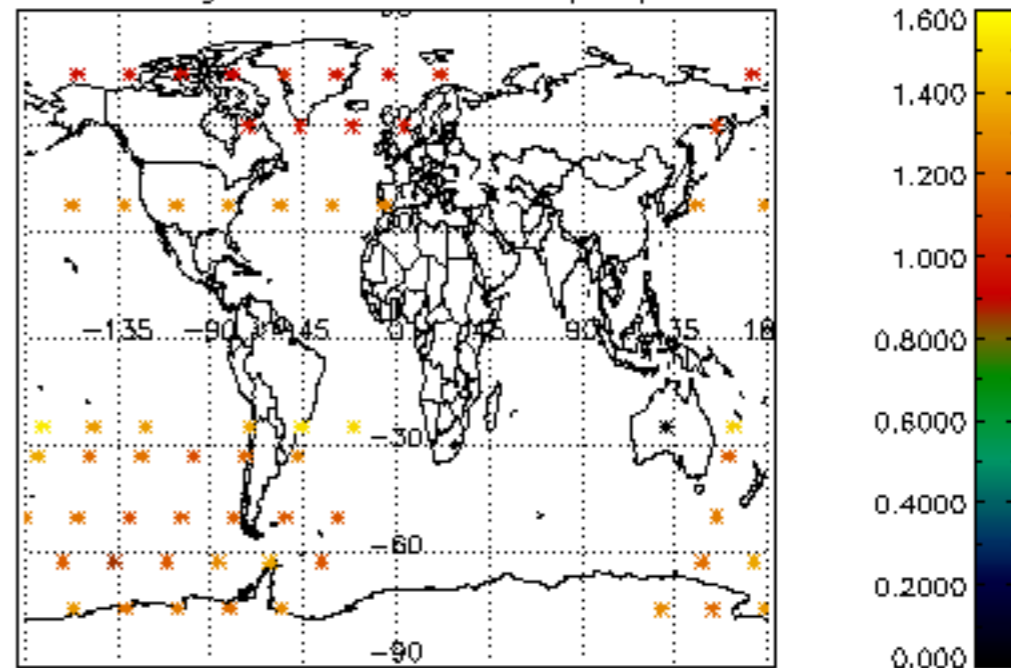
Percentage of saturation errors per profile



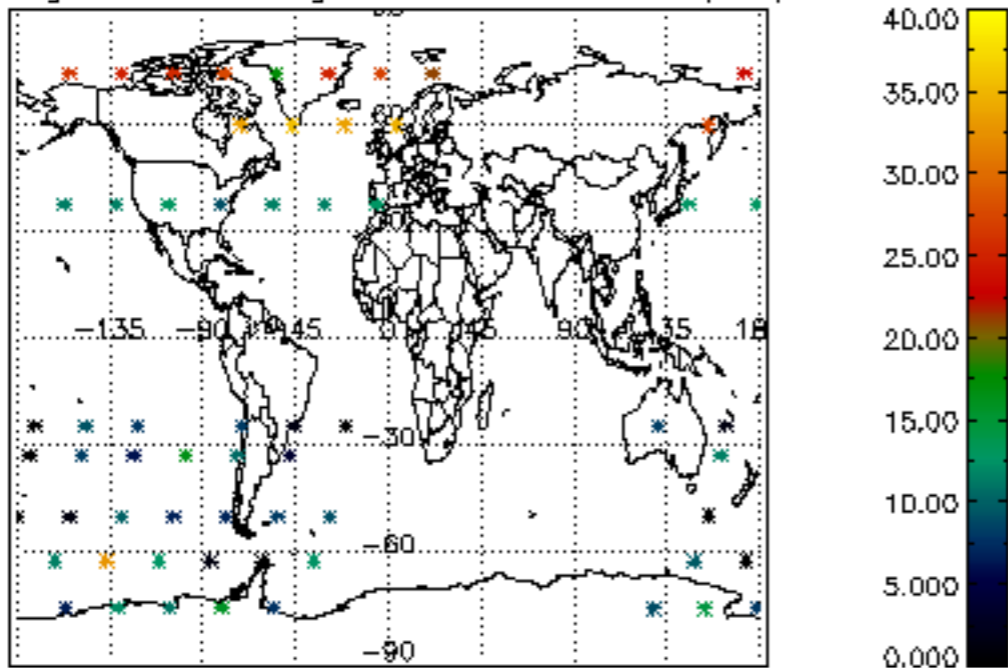
Percentage of cosmic ray hits per profile



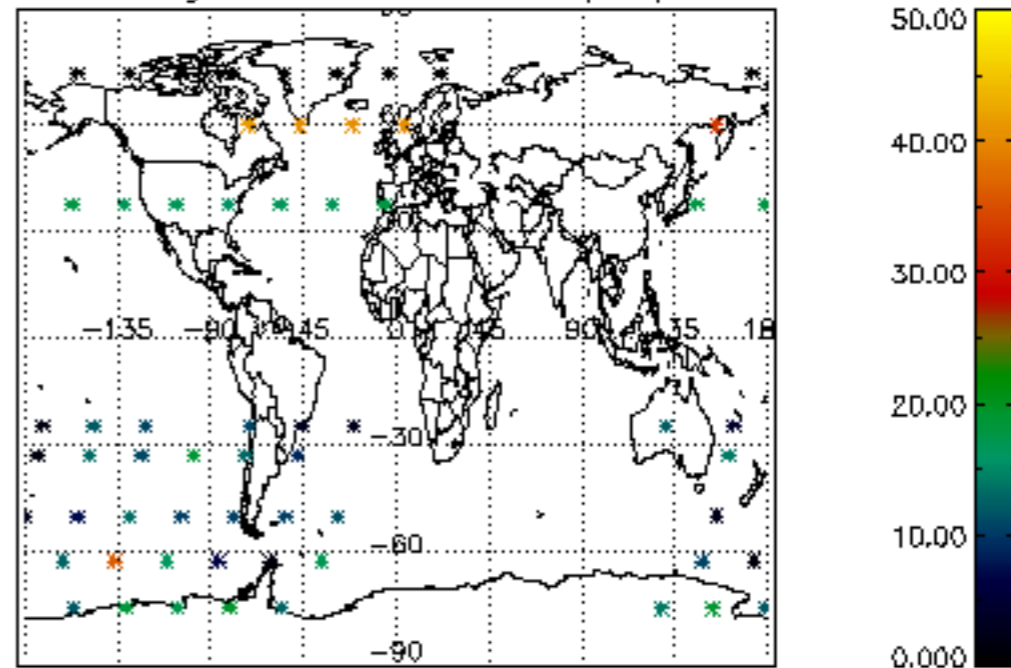
Percentage of datation errors per profile

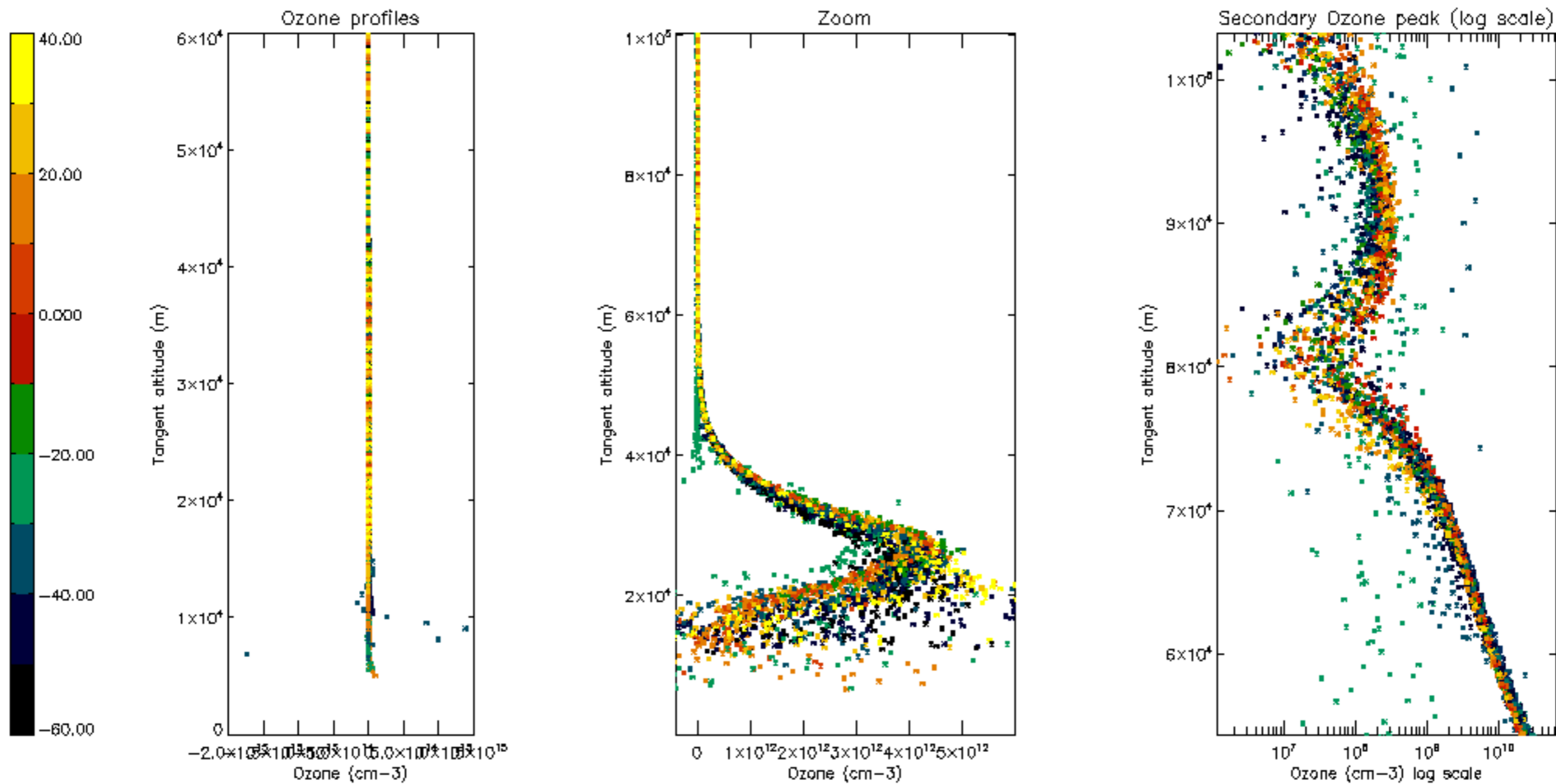


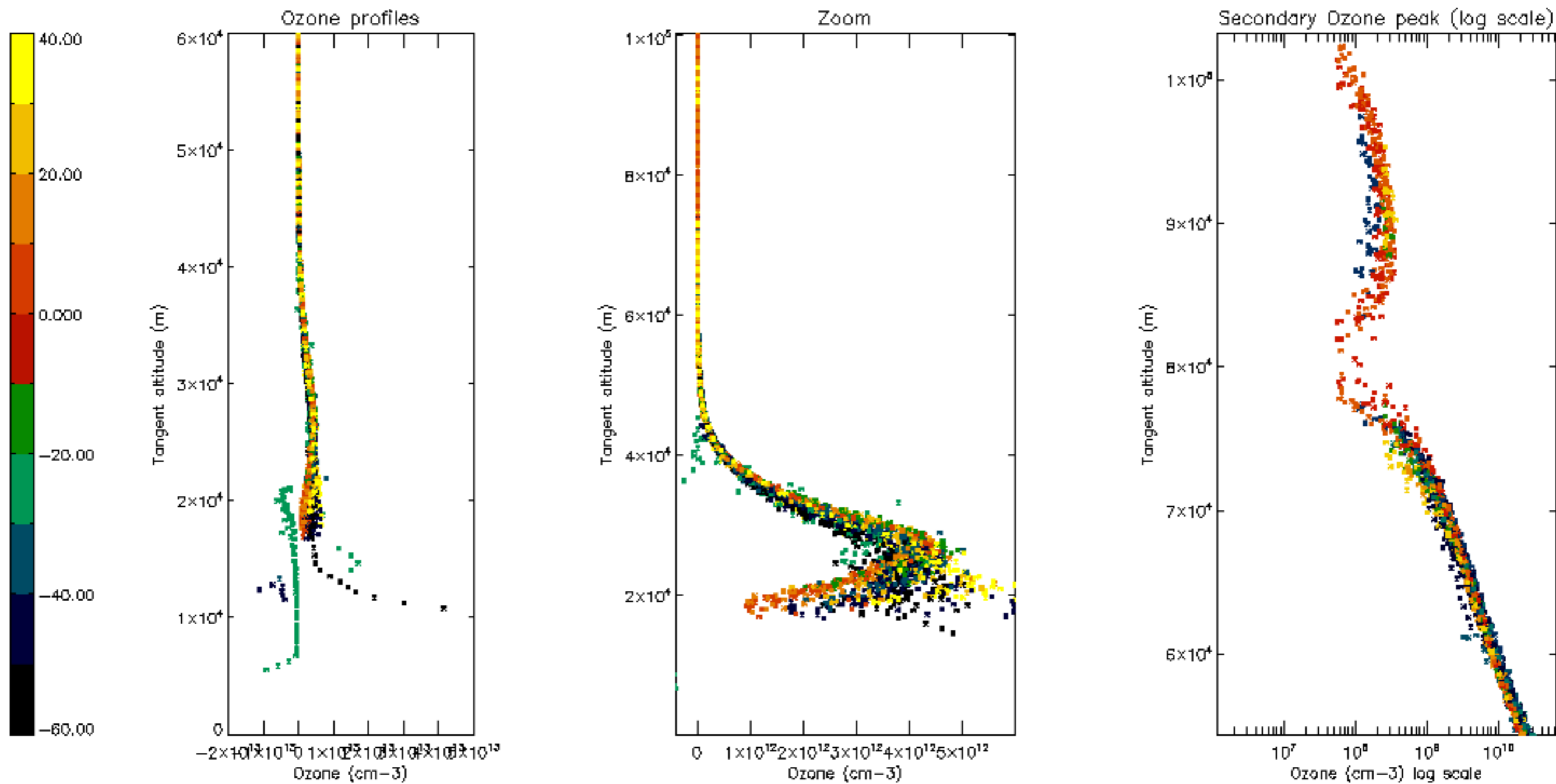
Percentage of star falling outside central band per profile

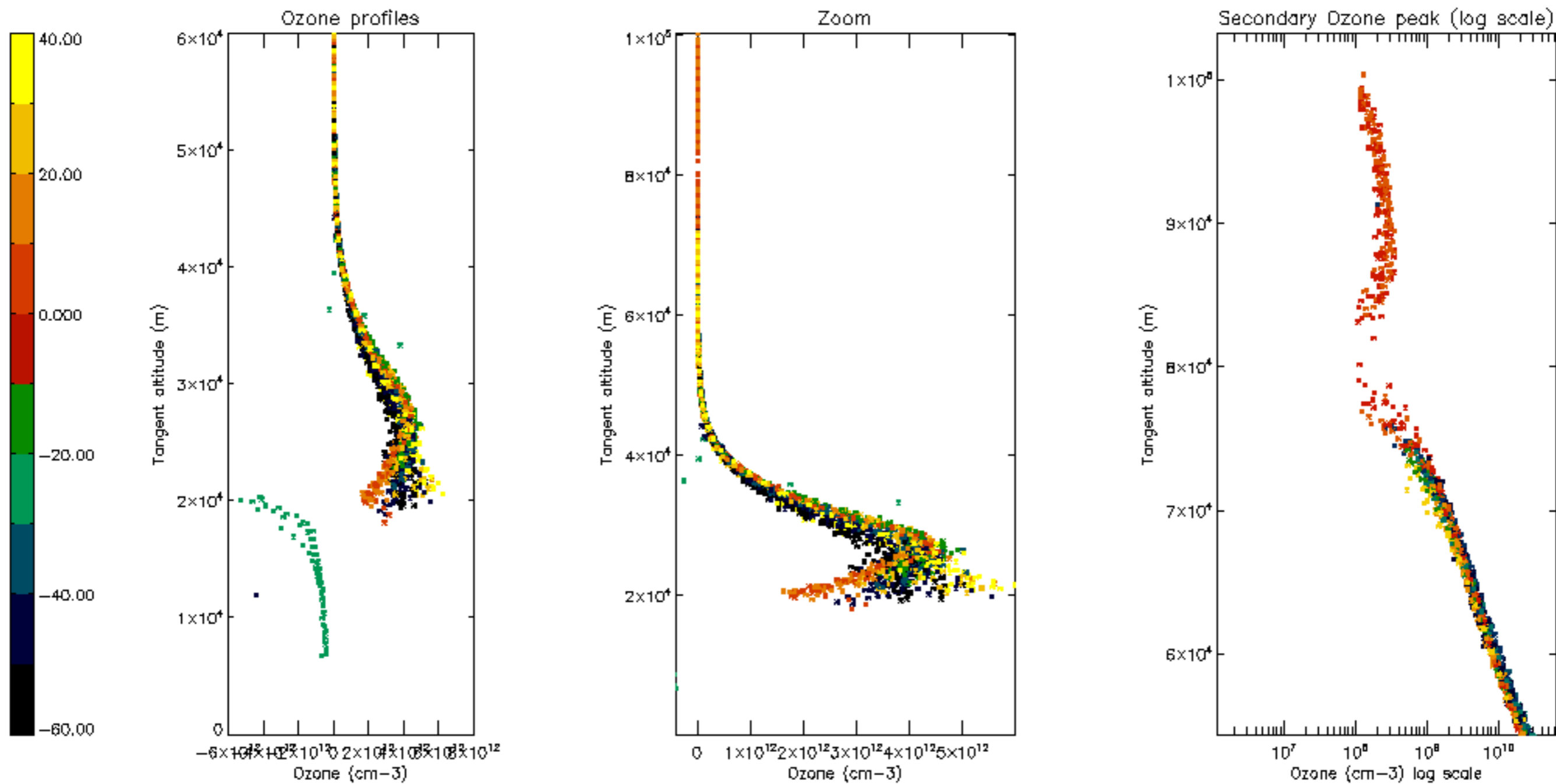


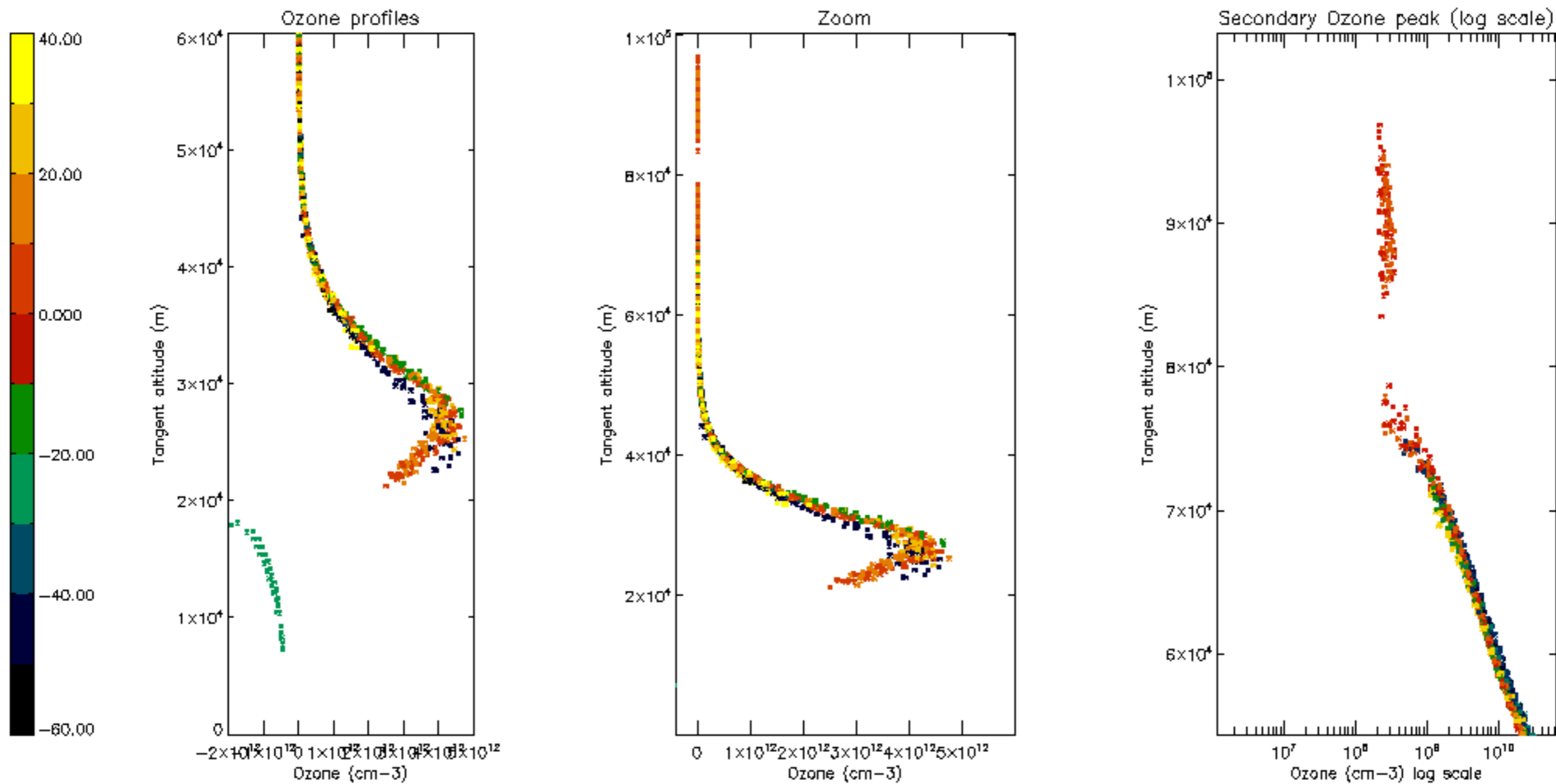
Percentage of saturation errors per profile

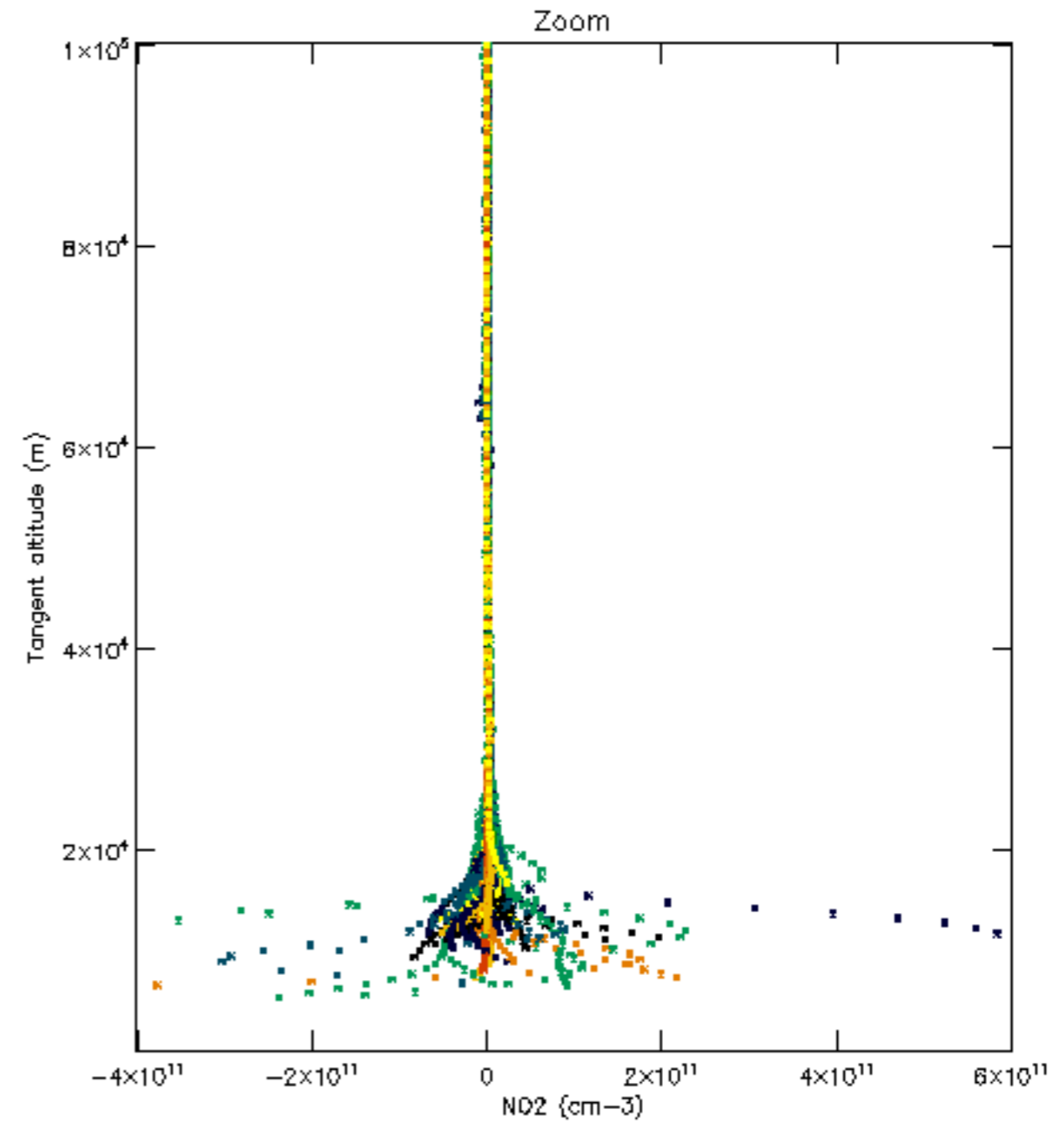
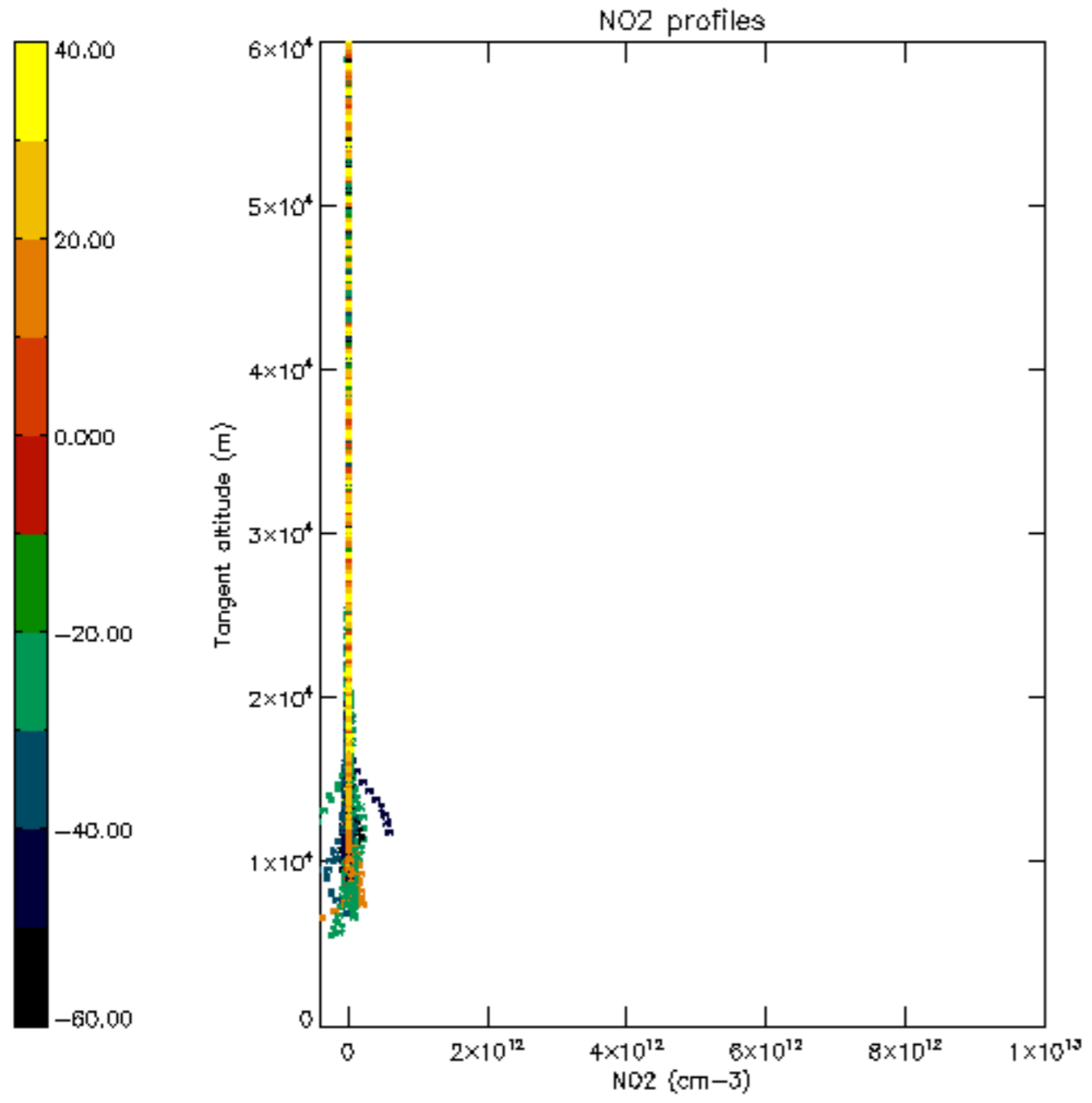


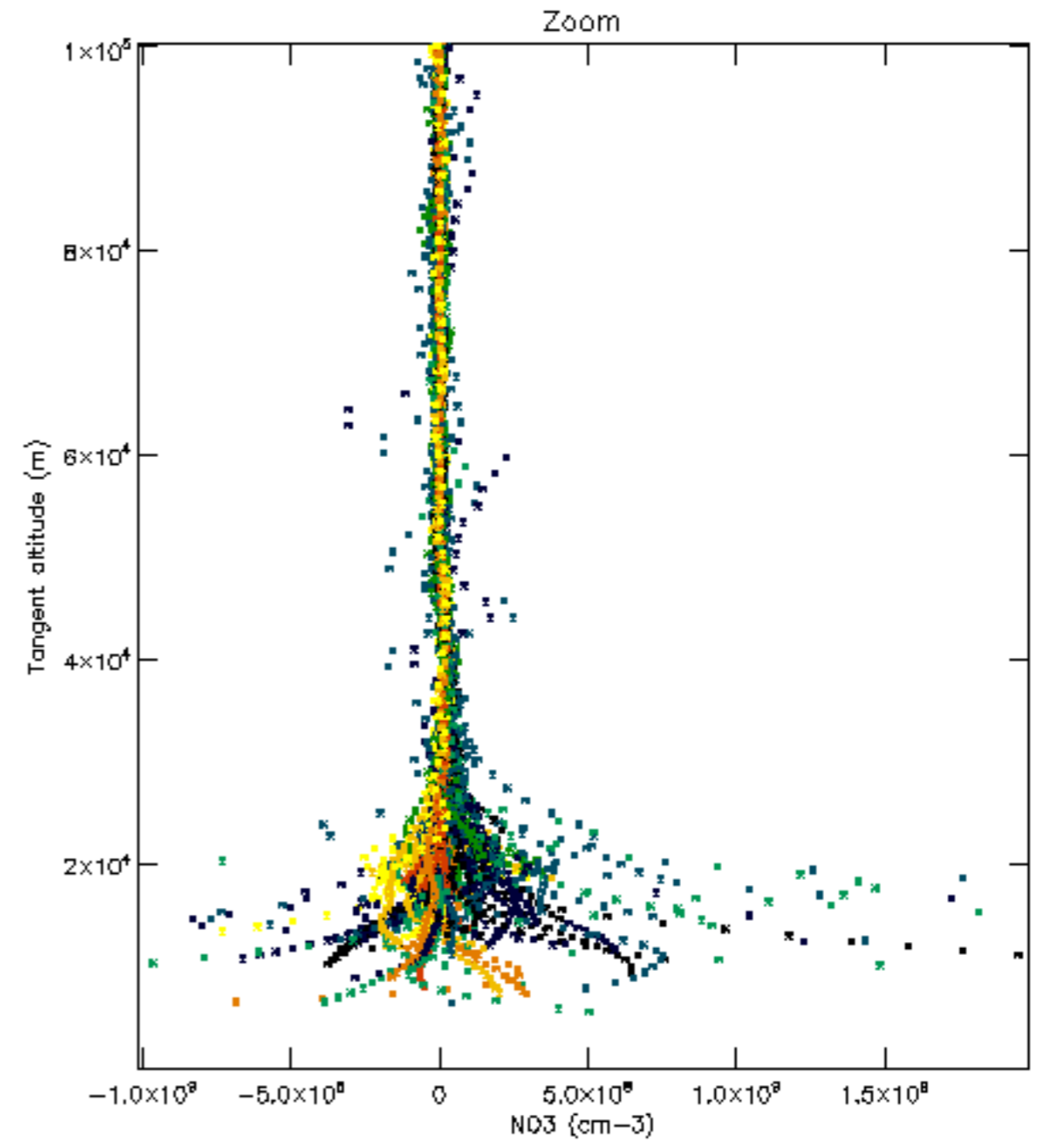
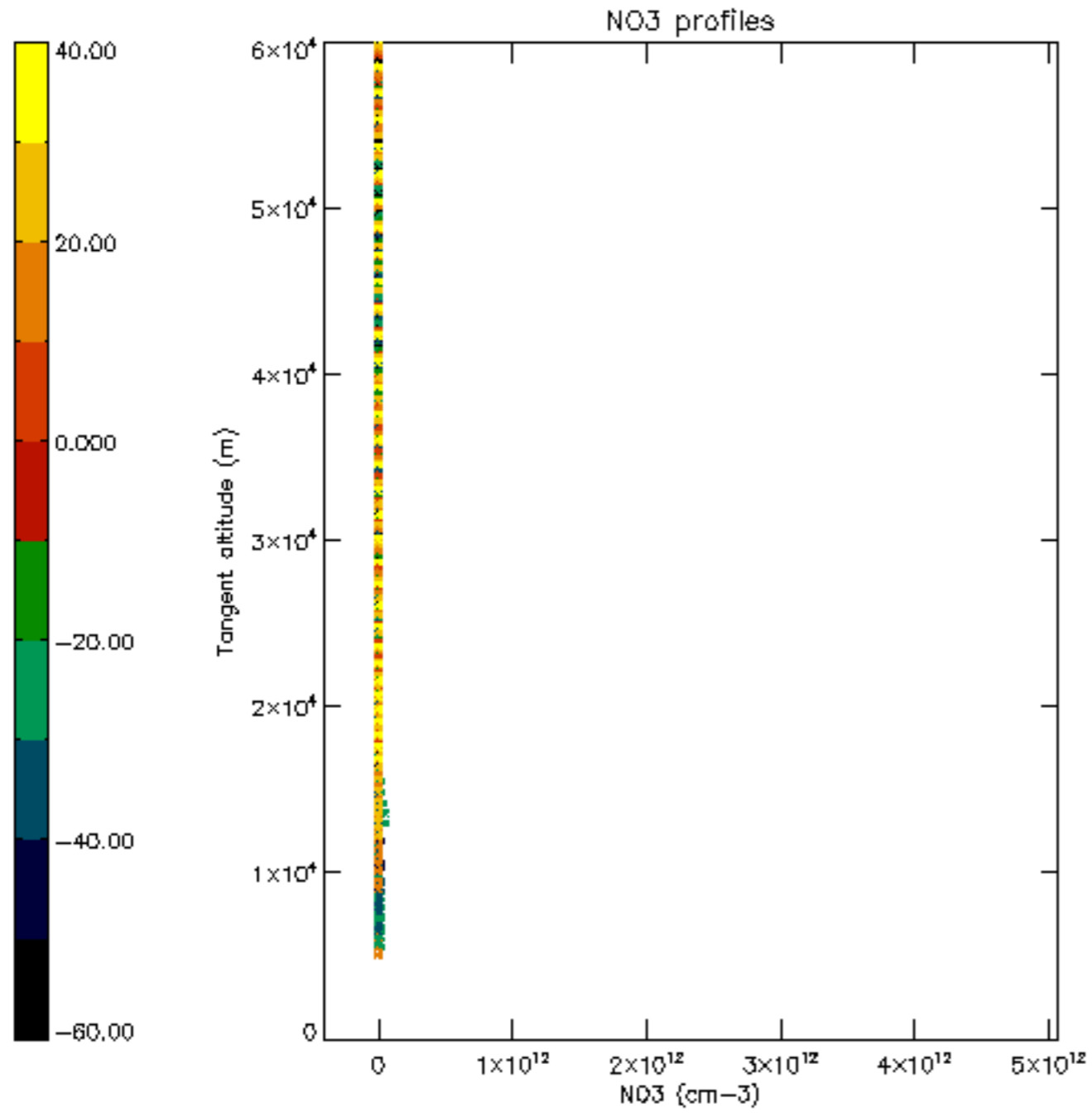


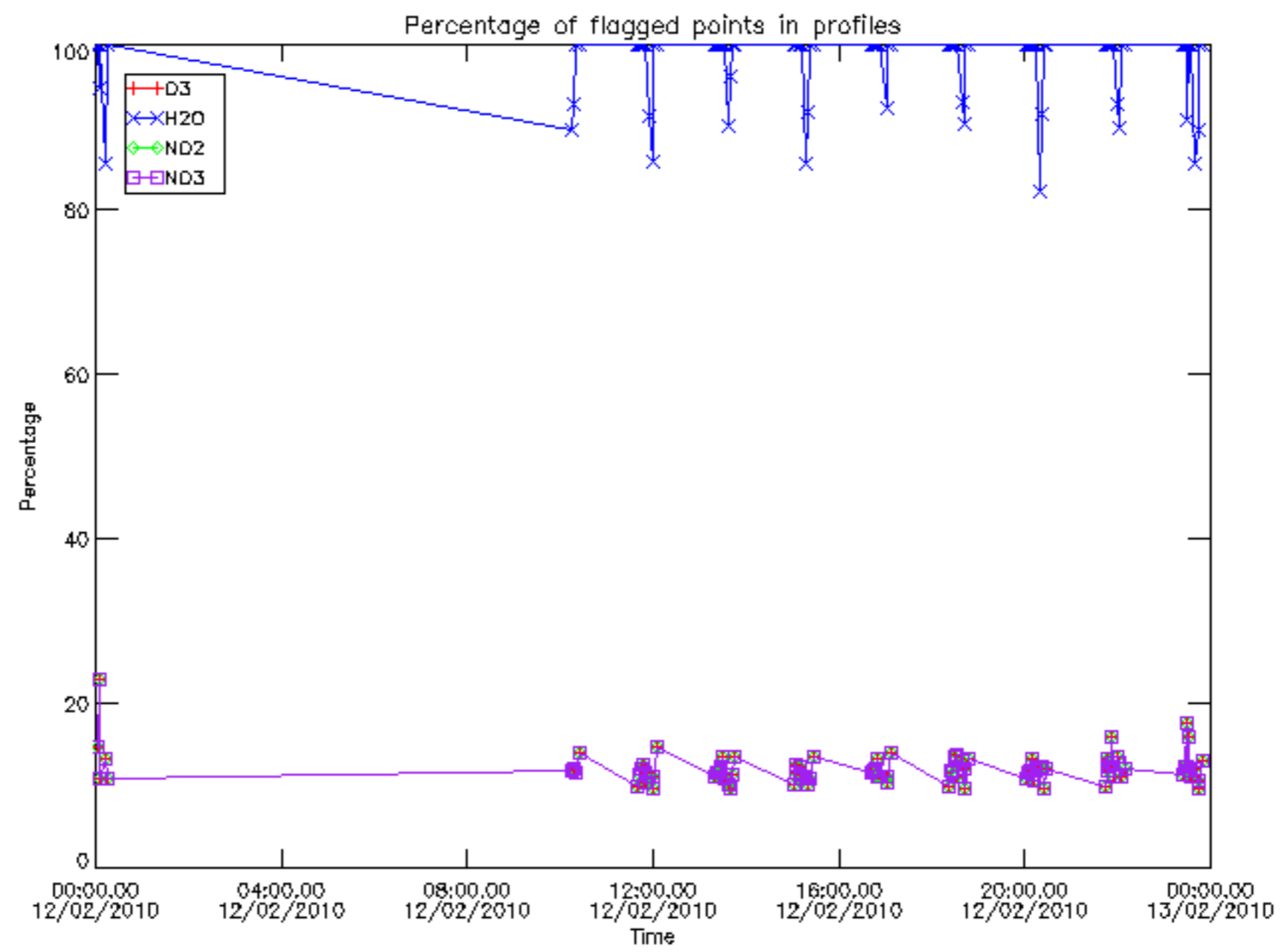




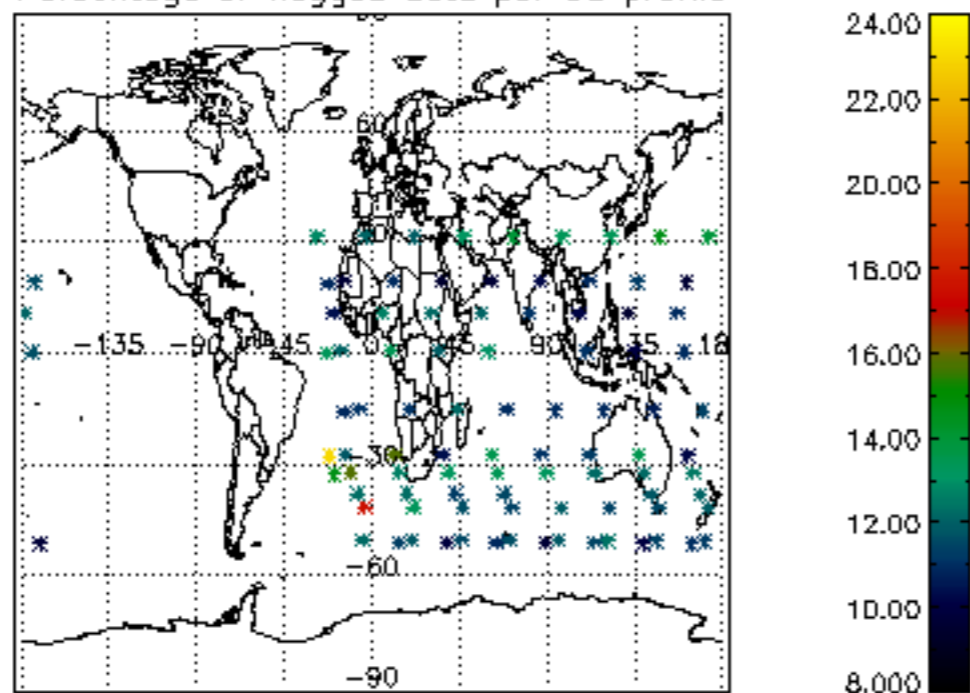




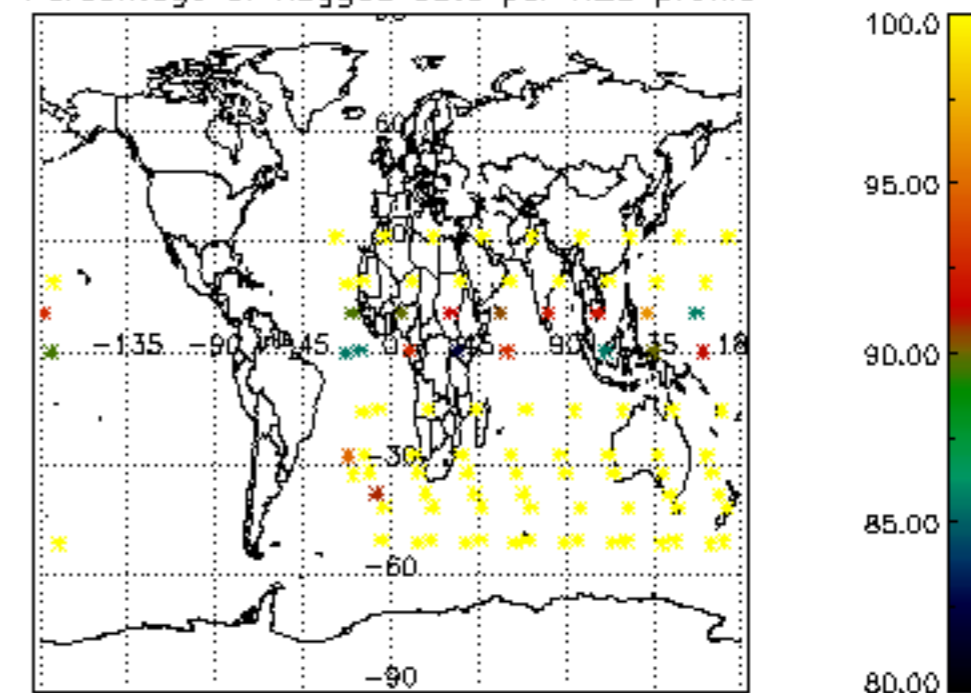




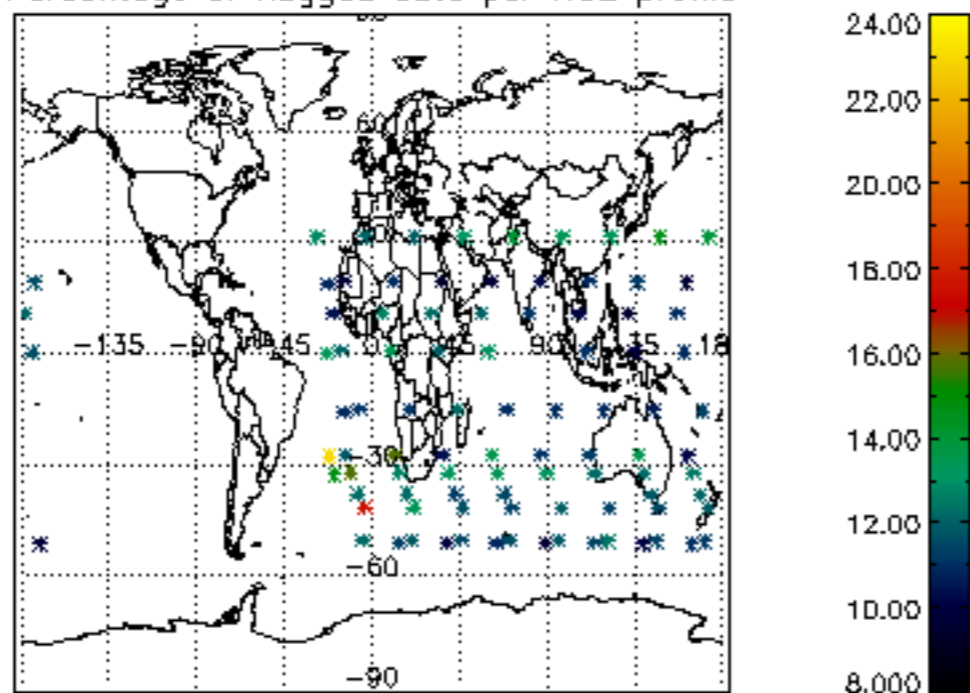
Percentage of flagged data per D3 profile



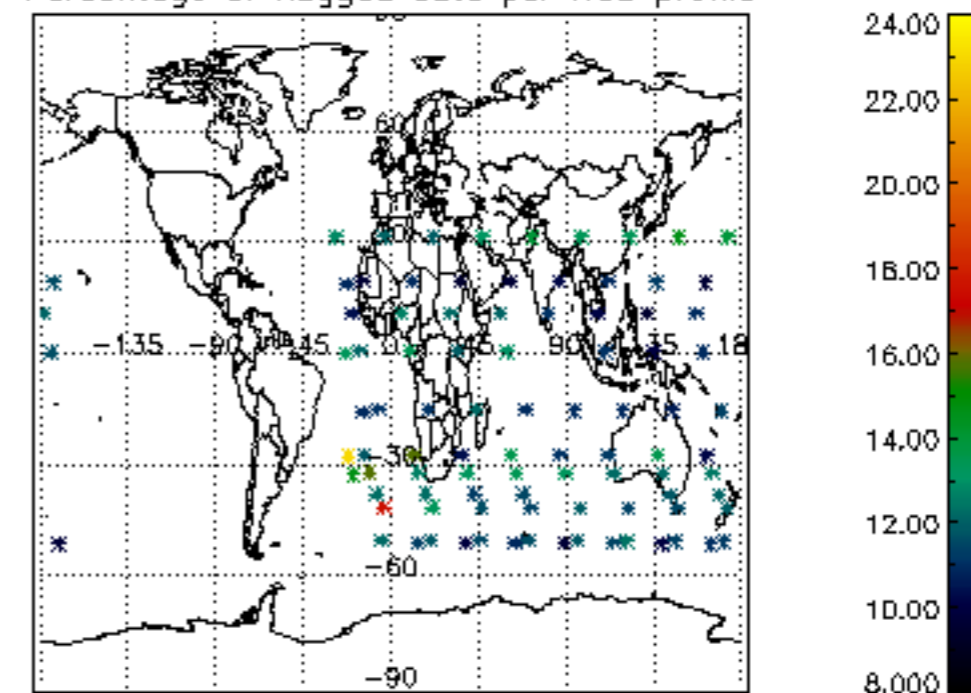
Percentage of flagged data per H2O profile

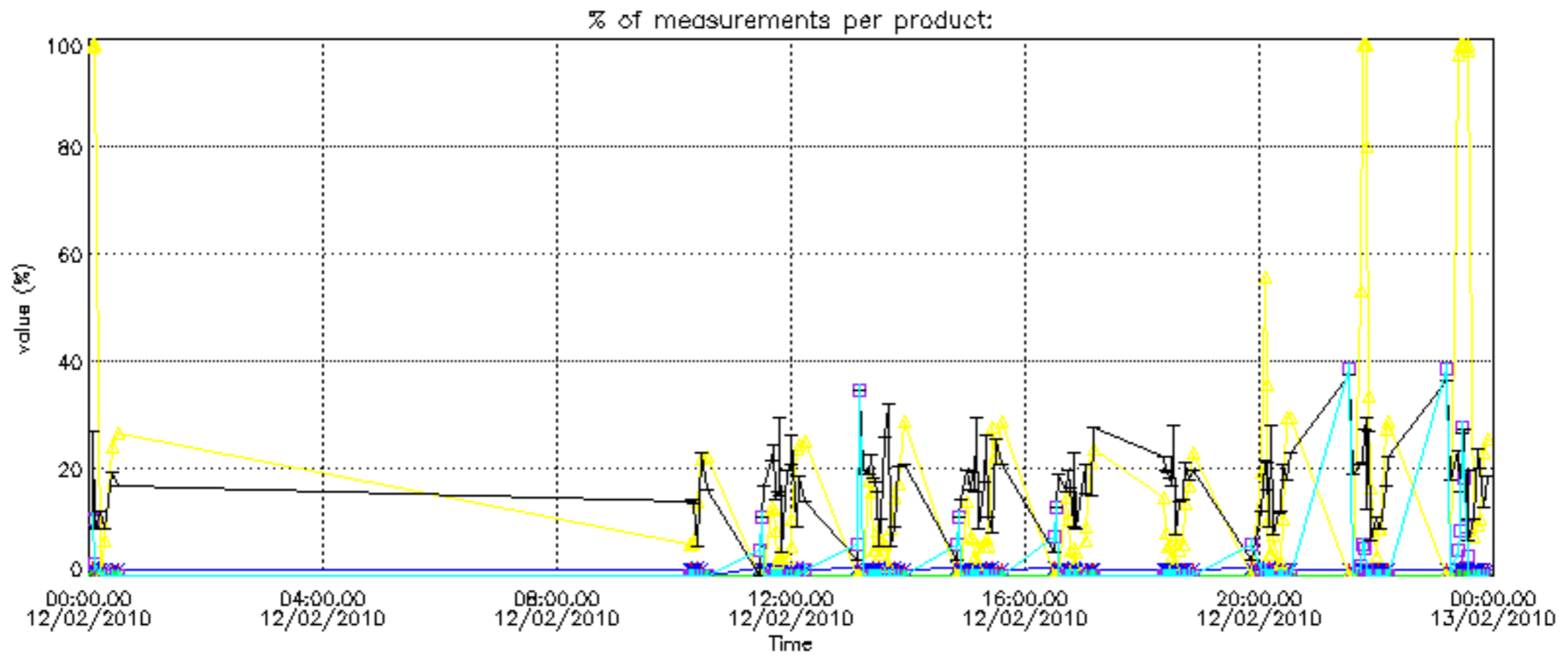


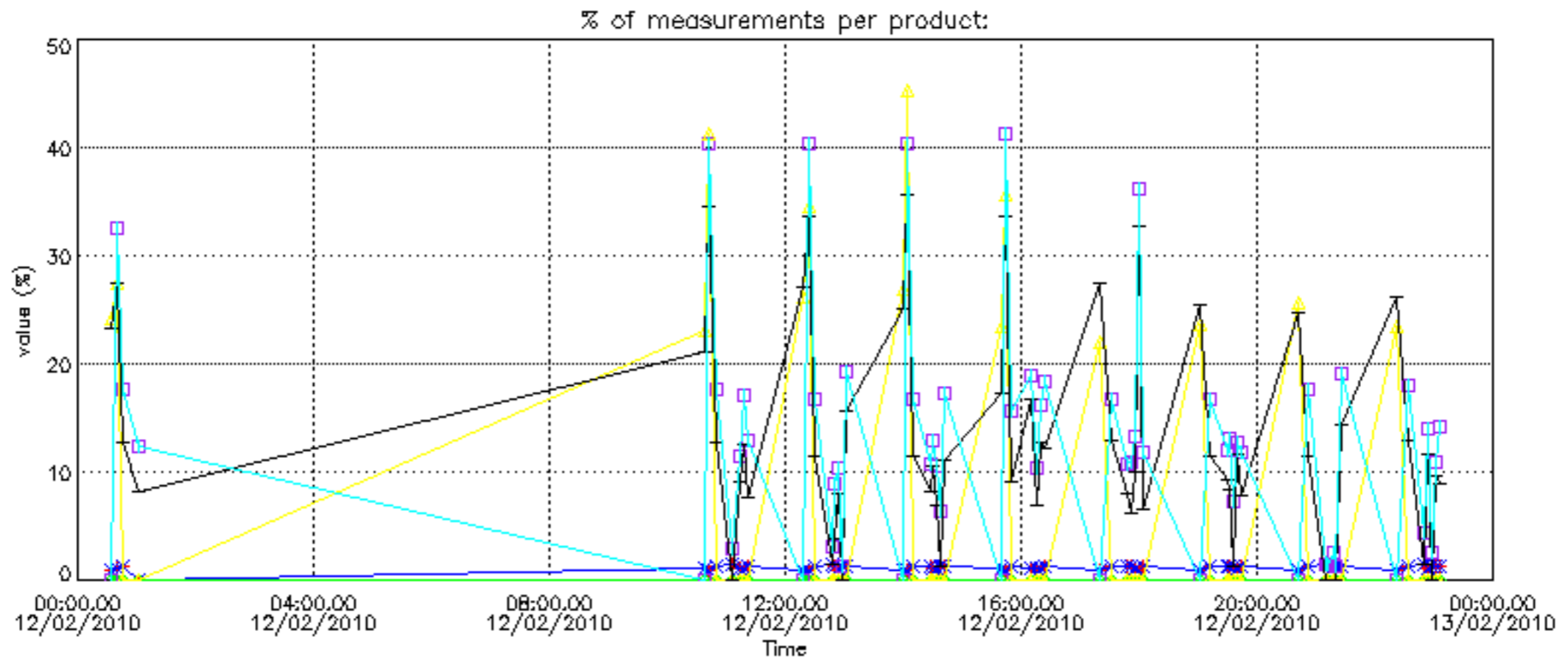
Percentage of flagged data per NO2 profile



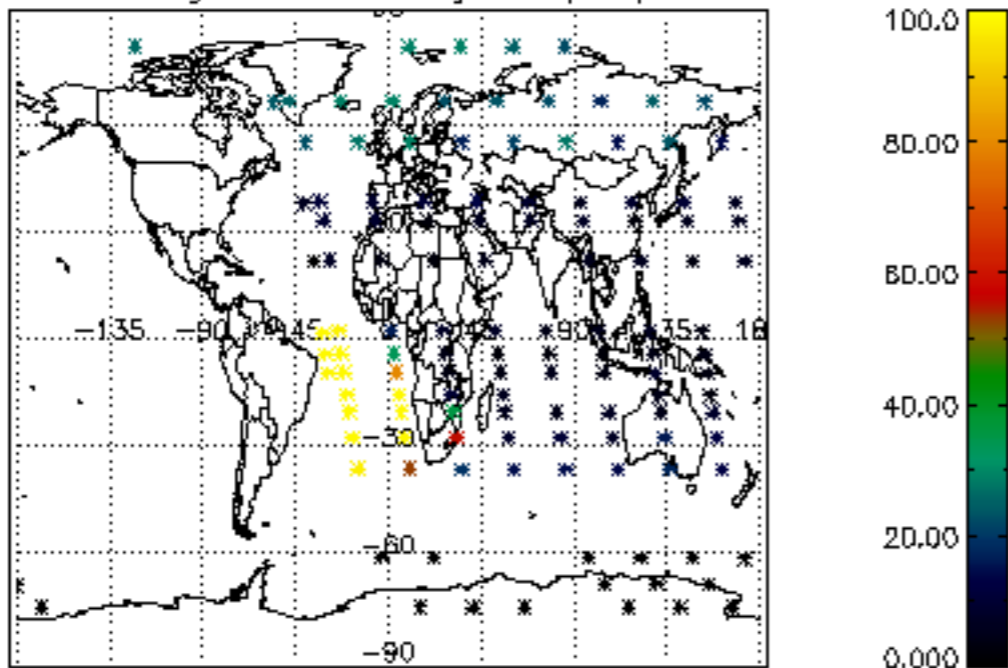
Percentage of flagged data per NO3 profile



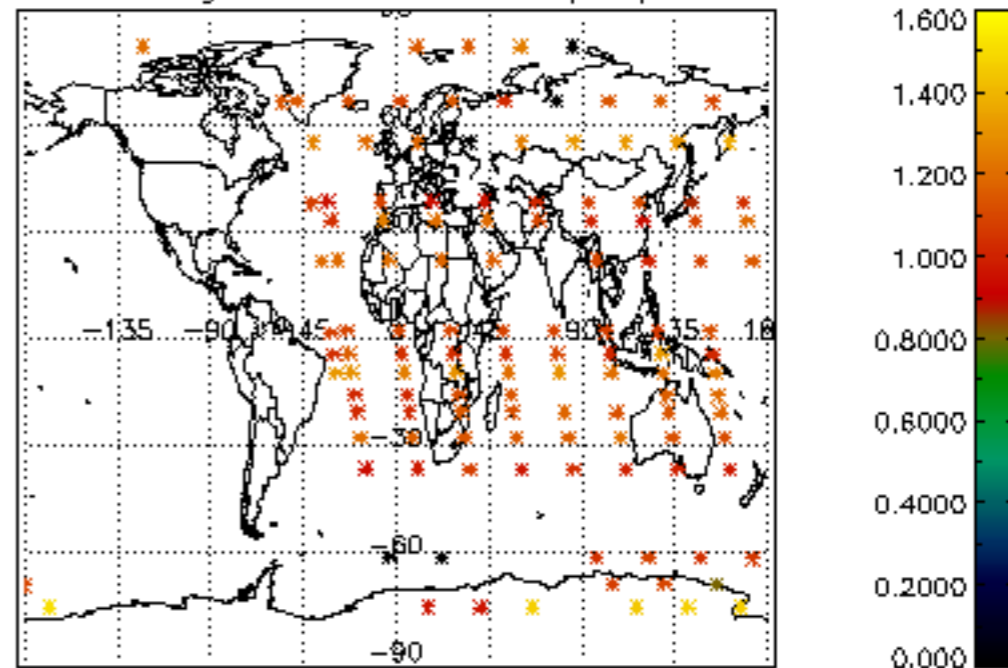




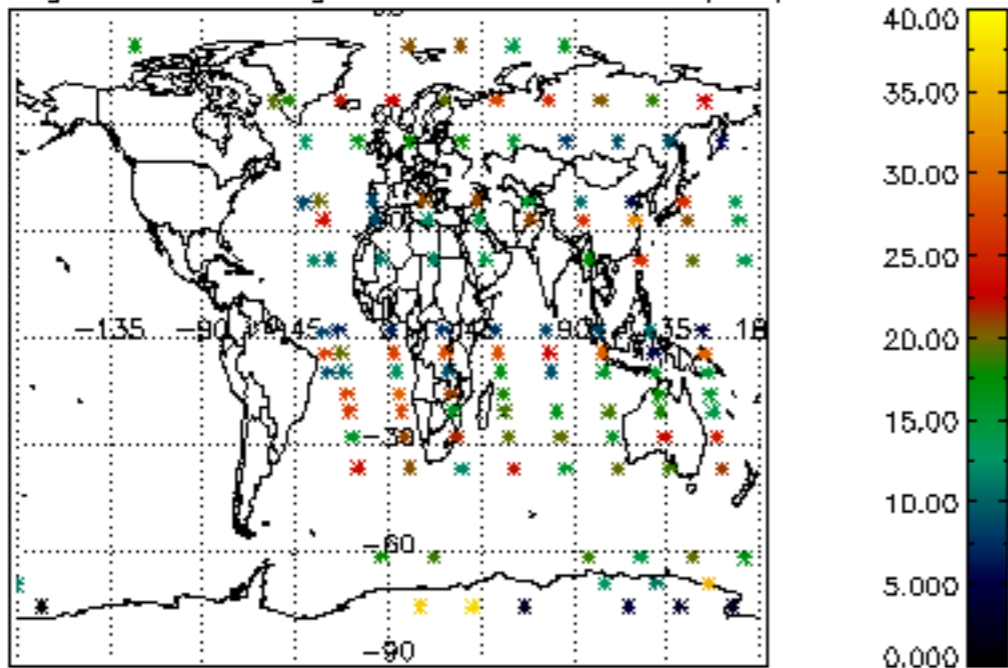
Percentage of cosmic ray hits per profile



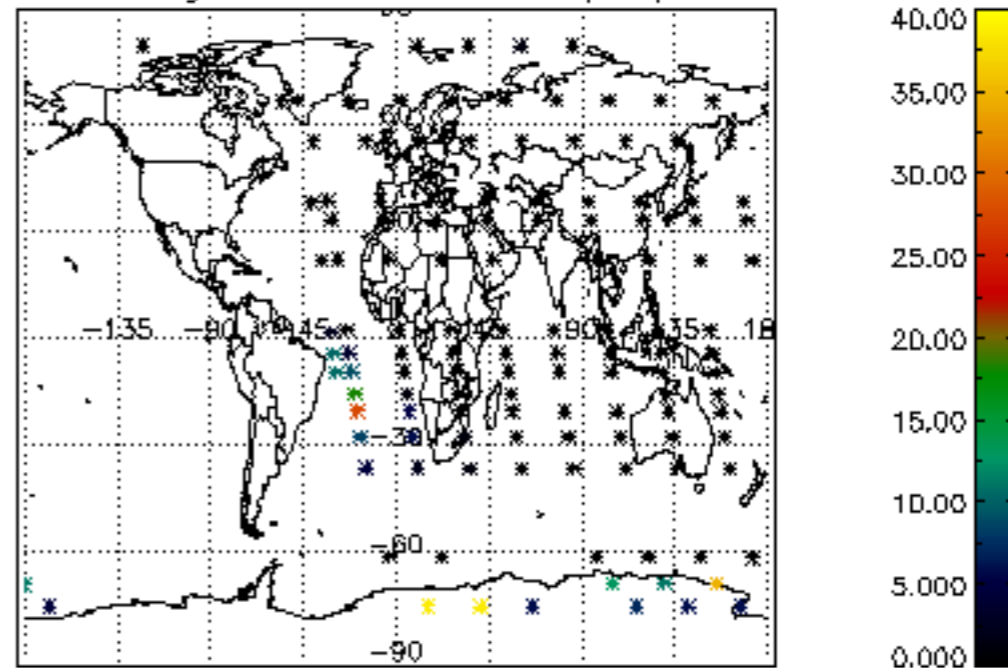
Percentage of datation errors per profile



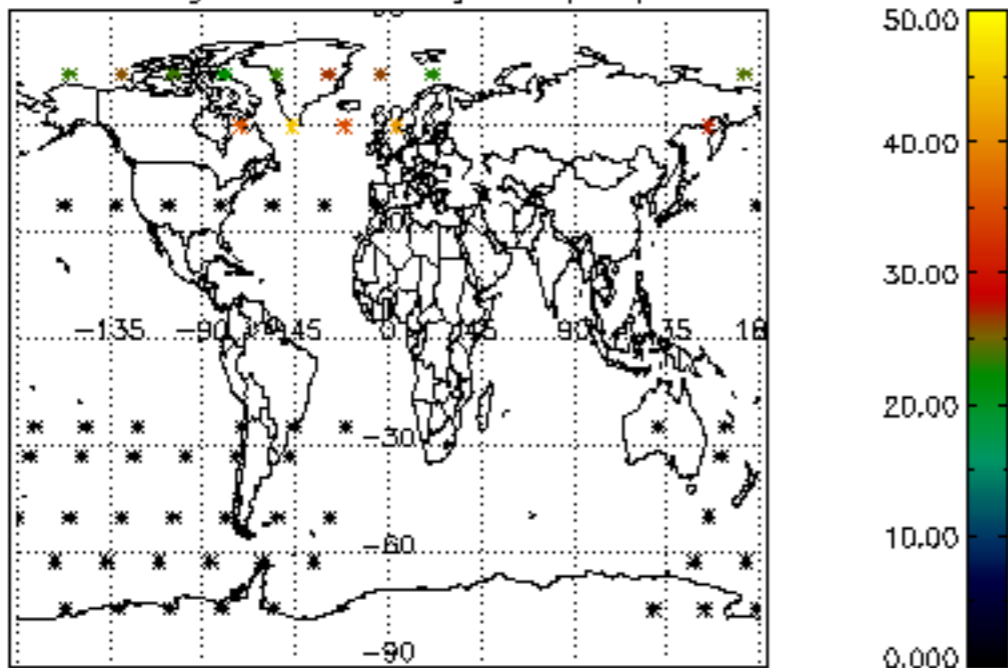
Percentage of star falling outside central band per profile



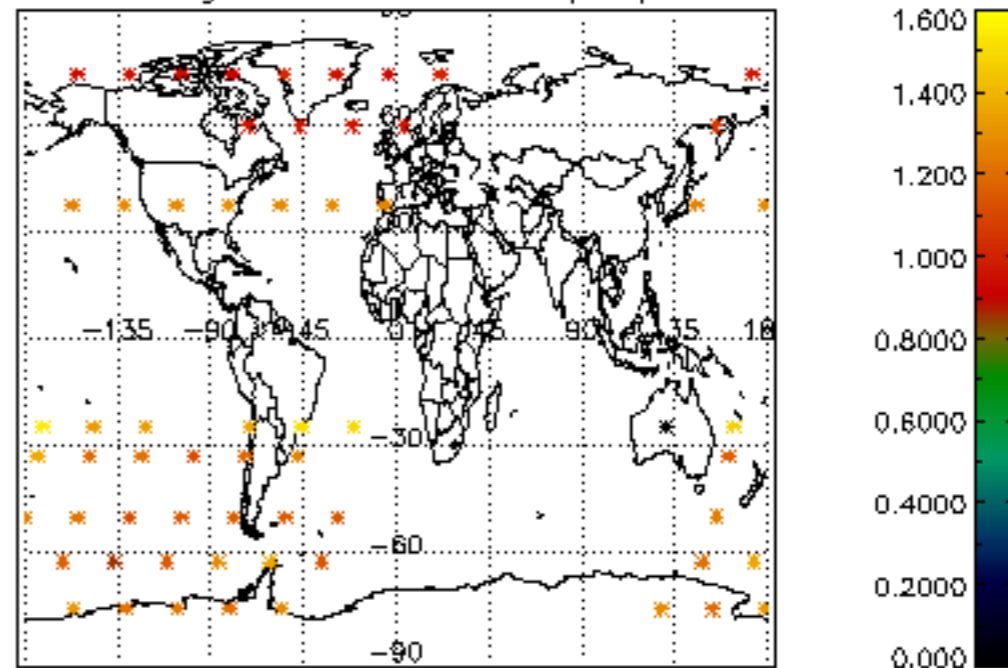
Percentage of saturation errors per profile



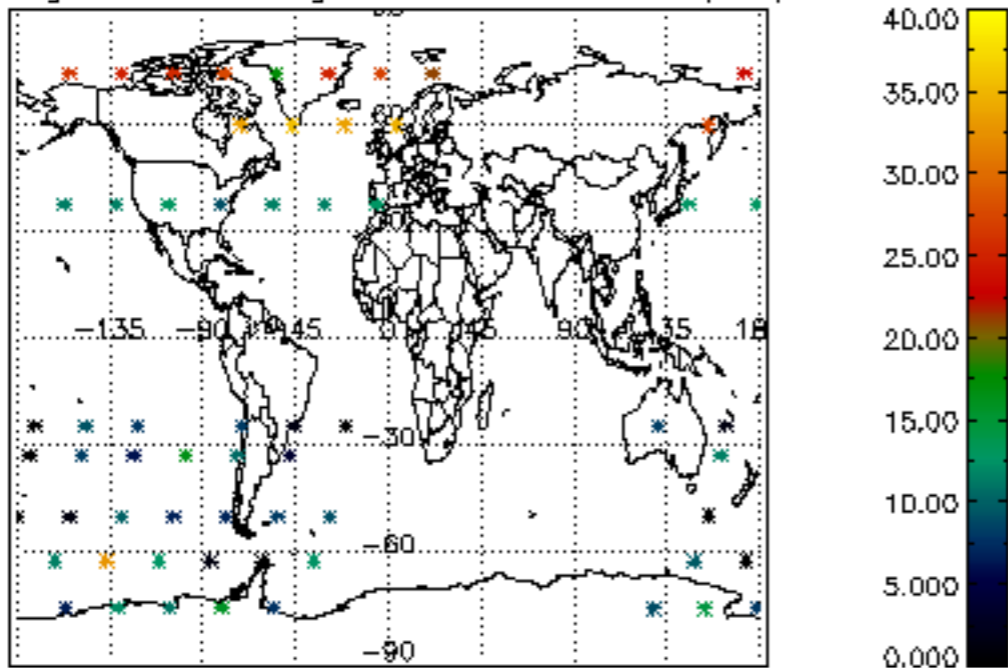
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

