

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 17:17:33
Data source version	GOMOS/6.01
Start time of products	10-02-2010 (10FEB2010 00:00:00)
Stop time of products	11-02-2010 (11FEB2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	162
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__2PRFIN20100210_000148_000000522086_00417_41553_4420.N1	10-FEB-2010 00:01:48	Twilight	52.000	8	10Alp CMi	0.40000	6500.0	104	41553	No
2	GOM_NL__2PRFIN20100210_002537_000000352086_00417_41553_4421.N1	10-FEB-2010 00:25:37	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	41553	No
3	GOM_NL__2PRFIN20100210_002807_000000412086_00417_41553_4422.N1	10-FEB-2010 00:28:07	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	41553	No
4	GOM_NL__2PRFIN20100210_003257_000000402086_00417_41553_4423.N1	10-FEB-2010 00:32:57	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	41553	No
5	GOM_NL__2PRFIN20100210_003629_000000422086_00417_41553_4424.N1	10-FEB-2010 00:36:29	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	41553	No
6	GOM_NL__2PRFIN20100210_004908_000000602086_00417_41553_4425.N1	10-FEB-2010 00:49:08	Bright	60.000	59	55Alp Oph	2.0800	8900.0	120	41553	No
7	GOM_NL__2PRFIN20100210_005120_000000502086_00417_41553_4426.N1	10-FEB-2010 00:51:20	Bright	49.500	126	60Bet Oph	2.7700	4250.0	99	41553	No
8	GOM_NL__2PRFIN20100210_005818_000000472086_00417_41553_4427.N1	10-FEB-2010 00:58:18	Dark	46.500	86	35Eta Oph	2.4300	10200.	93	41553	No
9	GOM_NL__2PRFIN20100210_010608_000000382086_00417_41553_4428.N1	10-FEB-2010 01:06:08	Dark	38.000	147	Alp Ara	2.8770	26000.	76	41553	No
10	GOM_NL__2PRFIN20100210_010901_000000462086_00417_41553_4429.N1	10-FEB-2010 01:09:01	Dark	45.500	131	Gam Lup	2.8000	26000.	91	41553	No
11	GOM_NL__2PRFIN20100210_011448_000000462086_00418_41554_4422.N1	10-FEB-2010 01:14:48	Dark	46.000	10	Bet Cen	0.61000	28000.	92	41554	No
12	GOM_NL__2PRFIN20100210_012032_000000442086_00418_41554_4423.N1	10-FEB-2010 01:20:32	Dark	44.000	99	Del Cen	2.5750	26000.	88	41554	No
13	GOM_NL__2PRFIN20100210_013802_000000252086_00418_41554_4424.N1	10-FEB-2010 01:38:02	Straylight	25.000	48	30Alp Hya	1.9770	4100.0	50	41554	No
14	GOM_NL__2PRFIN20100210_020843_000000392086_00418_41554_4425.N1	10-FEB-2010 02:08:43	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	41554	No
15	GOM_NL__2PRFIN20100210_021333_000000432086_00418_41554_4426.N1	10-FEB-2010 02:13:33	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	41554	No
16	GOM_NL__2PRFIN20100210_021705_000000382086_00418_41554_4427.N1	10-FEB-2010 02:17:05	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	41554	No
17	GOM_NL__2PRFIN20100210_022944_000000442086_00418_41554_4428.N1	10-FEB-2010 02:29:44	Bright	43.500	59	55Alp Oph	2.0800	8900.0	87	41554	No
18	GOM_NL__2PRFIN20100210_023157_000000442086_00418_41554_4429.N1	10-FEB-2010 02:31:57	Bright	44.000	126	60Bet Oph	2.7700	4250.0	88	41554	No
19	GOM_NL__2PRFIN20100210_023855_000000472086_00418_41554_4430.N1	10-FEB-2010 02:38:55	Dark	46.500	86	35Eta Oph	2.4300	10200.	93	41554	No
20	GOM_NL__2PRFIN20100210_024031_000000422086_00418_41554_4431.N1	10-FEB-2010 02:40:31	Twilight	42.000	116	19Del Sgr	2.7000	4100.0	84	41554	No
21	GOM_NL__2PRFIN20100210_024645_000000382086_00418_41554_4432.N1	10-FEB-2010 02:46:45	Dark	37.500	147	Alp Ara	2.8770	26000.	75	41554	No
22	GOM_NL__2PRFIN20100210_025525_000000422086_00419_41555_4430.N1	10-FEB-2010 02:55:25	Dark	42.000	10	Bet Cen	0.61000	28000.	84	41555	No
23	GOM_NL__2PRFIN20100210_025838_000000462086_00419_41555_4431.N1	10-FEB-2010 02:58:38	Dark	45.500	12	Alp1Cru	0.77500	30000.	91	41555	No
24	GOM_NL__2PRFIN20100210_030108_000000432086_00419_41555_4432.N1	10-FEB-2010 03:01:08	Dark	43.000	99	Del Cen	2.5750	26000.	86	41555	No
25	GOM_NL__2PRFIN20100210_030502_000000372086_00419_41555_4433.N1	10-FEB-2010 03:05:02	Dark	37.000	91	Kap Vel	2.4900	26000.	74	41555	No
26	GOM_NL__2PRFIN20100210_031430_000000392086_00419_41555_4434.N1	10-FEB-2010 03:14:30	Straylight	39.000	132	15Rho Pup	2.8030	6900.0	78	41555	No
27	GOM_NL__2PRFIN20100210_034918_000000362086_00419_41555_4435.N1	10-FEB-2010 03:49:18	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	41555	No
28	GOM_NL__2PRFIN20100210_035408_000000402086_00419_41555_4436.N1	10-FEB-2010 03:54:08	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	41555	No
29	GOM_NL__2PRFIN20100210_035741_000000402086_00419_41555_4437.N1	10-FEB-2010 03:57:41	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	41555	No
30	GOM_NL__2PRFIN20100210_040140_000000342086_00419_41555_4438.N1	10-FEB-2010 04:01:40	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	41555	No
31	GOM_NL__2PRFIN20100210_041932_000000442086_00419_41555_4439.N1	10-FEB-2010 04:19:32	Dark	44.000	86	35Eta Oph	2.4300	10200.	88	41555	No
32	GOM_NL__2PRFIN20100210_042108_000000442086_00419_41555_4440.N1	10-FEB-2010 04:21:08	Twilight	43.500	116	19Del Sgr	2.7000	4100.0	87	41555	No
33	GOM_NL__2PRFIN20100210_042721_000000412086_00419_41555_4441.N1	10-FEB-2010 04:27:21	Dark	41.000	147	Alp Ara	2.8770	26000.	82	41555	No
34	GOM_NL__2PRFIN20100210_043601_000000432086_00420_41556_4438.N1	10-FEB-2010 04:36:01	Dark	42.500	10	Bet Cen	0.61000	28000.	85	41556	No
35	GOM_NL__2PRFIN20100210_043915_000000412086_00420_41556_4439.N1	10-FEB-2010 04:39:15	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	41556	No
36	GOM_NL__2PRFIN20100210_044145_000000462086_00420_41556_4440.N1	10-FEB-2010 04:41:45	Dark	46.000	99	Del Cen	2.5750	26000.	92	41556	No
37	GOM_NL__2PRFIN20100210_045506_000000412086_00420_41556_4441.N1	10-FEB-2010 04:55:06	Straylight	41.000	132	15Rho Pup	2.8030	6900.0	82	41556	No
38	GOM_NL__2PRFIN20100210_045914_000000322086_00420_41556_4442.N1	10-FEB-2010 04:59:14	Straylight	31.500	48	30Alp Hya	1.9770	4100.0	63	41556	No
39	GOM_NL__2PRFIN20100210_053444_000000442086_00420_41556_4443.N1	10-FEB-2010 05:34:44	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	41556	No
40	GOM_NL__2PRFIN20100210_053817_000000462086_00420_41556_4444.N1	10-FEB-2010 05:38:17	Bright	45.500	130	23Bet Dra	2.7990	5800.0	91	41556	No
41	GOM_NL__2PRFIN20100210_054217_000000352086_00420_41556_4445.N1	10-FEB-2010 05:42:17	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	41556	No
42	GOM_NL__2PRFIN20100210_055057_000000392086_00420_41556_4446.N1	10-FEB-2010 05:50:57	Bright	39.000	59	55Alp Oph	2.0800	8900.0	78	41556	No

43	GOM_NL__2PRFIN20100210_055310_000000582086_00420_41556_4447.N1	10-FEB-2010 05:53:10	Bright	58.000	126	60Bet Oph	2.7700	4250.0	116	41556	No
44	GOM_NL__2PRFIN20100210_060008_000000492086_00420_41556_4448.N1	10-FEB-2010 06:00:08	Dark	48.500	86	35Eta Oph	2.4300	10200.	97	41556	No
45	GOM_NL__2PRFIN20100210_060144_000000432086_00420_41556_4449.N1	10-FEB-2010 06:01:44	Twilight	42.500	116	19Del Sgr	2.7000	4100.0	85	41556	No
46	GOM_NL__2PRFIN20100210_060757_000000402086_00420_41556_4450.N1	10-FEB-2010 06:07:57	Dark	40.000	147	Alp Ara	2.8770	26000.	80	41556	No
47	GOM_NL__2PRFIN20100210_060927_000000452086_00420_41556_4451.N1	10-FEB-2010 06:09:27	Dark	44.500	141	Bet Ara	2.8400	4600.0	89	41556	No
48	GOM_NL__2PRFIN20100210_061052_000000452086_00420_41556_4446.N1	10-FEB-2010 06:10:52	Dark	45.000	131	Gam Lup	2.8000	26000.	90	41556	No
49	GOM_NL__2PRFIN20100210_061638_000000432086_00421_41557_4447.N1	10-FEB-2010 06:16:38	Dark	42.500	10	Bet Cen	0.61000	28000.	85	41557	No
50	GOM_NL__2PRFIN20100210_062221_000000442086_00421_41557_4448.N1	10-FEB-2010 06:22:21	Dark	43.500	99	Del Cen	2.5750	26000.	87	41557	No
51	GOM_NL__2PRFIN20100210_063542_000000422086_00421_41557_4449.N1	10-FEB-2010 06:35:42	Straylight	42.000	132	15Rho Pup	2.8030	6900.0	84	41557	No
52	GOM_NL__2PRFIN20100210_071030_000000382086_00421_41557_4450.N1	10-FEB-2010 07:10:30	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	41557	No
53	GOM_NL__2PRFIN20100210_071520_000000402086_00421_41557_4451.N1	10-FEB-2010 07:15:20	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	41557	No
54	GOM_NL__2PRFIN20100210_071853_000000422086_00421_41557_4452.N1	10-FEB-2010 07:18:53	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	41557	No
55	GOM_NL__2PRFIN20100210_073133_000000472086_00421_41557_4453.N1	10-FEB-2010 07:31:33	Bright	46.500	59	55Alp Oph	2.0800	8900.0	93	41557	No
56	GOM_NL__2PRFIN20100210_073346_000000552086_00421_41557_4454.N1	10-FEB-2010 07:33:46	Bright	54.500	126	60Bet Oph	2.7700	4250.0	109	41557	No
57	GOM_NL__2PRFIN20100210_074045_000000482086_00421_41557_4455.N1	10-FEB-2010 07:40:45	Dark	47.500	86	35Eta Oph	2.4300	10200.	95	41557	No
58	GOM_NL__2PRFIN20100210_074220_000000452086_00421_41557_4456.N1	10-FEB-2010 07:42:20	Twilight	44.500	116	19Del Sgr	2.7000	4100.0	89	41557	No
59	GOM_NL__2PRFIN20100210_074523_000000432086_00421_41557_4457.N1	10-FEB-2010 07:45:23	Dark	42.500	25	35Lam Sco	1.6200	28000.	85	41557	No
60	GOM_NL__2PRFIN20100210_074645_000000442086_00421_41557_4458.N1	10-FEB-2010 07:46:45	Dark	43.500	40	The Sco	1.8590	7100.0	87	41557	No
61	GOM_NL__2PRFIN20100210_074834_000000402086_00421_41557_4459.N1	10-FEB-2010 07:48:34	Dark	40.000	147	Alp Ara	2.8770	26000.	80	41557	No
62	GOM_NL__2PRFIN20100210_075003_000000382086_00421_41557_4460.N1	10-FEB-2010 07:50:03	Dark	38.000	141	Bet Ara	2.8400	4600.0	76	41557	No
63	GOM_NL__2PRFIN20100210_075129_000000452086_00421_41557_4479.N1	10-FEB-2010 07:51:29	Dark	44.500	131	Gam Lup	2.8000	26000.	89	41557	No
64	GOM_NL__2PRFIN20100210_075715_000000402086_00422_41558_4480.N1	10-FEB-2010 07:57:15	Dark	40.000	10	Bet Cen	0.61000	28000.	80	41558	No
65	GOM_NL__2PRFIN20100210_080258_000000442086_00422_41558_4481.N1	10-FEB-2010 08:02:58	Dark	44.000	99	Del Cen	2.5750	26000.	88	41558	No
66	GOM_NL__2PRFIN20100210_080650_000000382086_00422_41558_4482.N1	10-FEB-2010 08:06:50	Dark	38.000	91	Kap Vel	2.4900	26000.	76	41558	No
67	GOM_NL__2PRFIN20100210_081010_000000472086_00422_41558_4483.N1	10-FEB-2010 08:10:10	Straylight	46.500	65	Lam Vel	2.2040	4400.0	93	41558	No
68	GOM_NL__2PRFIN20100210_081618_000000412086_00422_41558_4484.N1	10-FEB-2010 08:16:18	Straylight	41.000	132	15Rho Pup	2.8030	6900.0	82	41558	No
69	GOM_NL__2PRFIN20100210_082448_000000502086_00422_41558_4485.N1	10-FEB-2010 08:24:48	Bright	50.000	8	10Alp CMi	0.40000	6500.0	100	41558	No
70	GOM_NL__2PRFIN20100210_084837_000000352086_00422_41558_4486.N1	10-FEB-2010 08:48:37	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	41558	No
71	GOM_NL__2PRFIN20100210_085105_000000422086_00422_41558_4487.N1	10-FEB-2010 08:51:05	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	41558	No
72	GOM_NL__2PRFIN20100210_085555_000000452086_00422_41558_4488.N1	10-FEB-2010 08:55:55	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	41558	No
73	GOM_NL__2PRFIN20100210_085929_000000522086_00422_41558_4489.N1	10-FEB-2010 08:59:29	Bright	52.000	130	23Bet Dra	2.7990	5800.0	104	41558	No
74	GOM_NL__2PRFIN20100210_090329_000000352086_00422_41558_4490.N1	10-FEB-2010 09:03:29	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	41558	No
75	GOM_NL__2PRFIN20100210_091016_000000342086_00422_41558_4491.N1	10-FEB-2010 09:10:16	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	41558	No
76	GOM_NL__2PRFIN20100210_091210_000000452086_00422_41558_4492.N1	10-FEB-2010 09:12:10	Bright	44.500	59	55Alp Oph	2.0800	8900.0	89	41558	No
77	GOM_NL__2PRFIN20100210_091422_000000472086_00422_41558_4493.N1	10-FEB-2010 09:14:22	Bright	46.500	126	60Bet Oph	2.7700	4250.0	93	41558	No
78	GOM_NL__2PRFIN20100210_092122_000000462086_00422_41558_4494.N1	10-FEB-2010 09:21:22	Dark	46.000	86	35Eta Oph	2.4300	10200.	92	41558	No
79	GOM_NL__2PRFIN20100210_092257_000000432086_00422_41558_4495.N1	10-FEB-2010 09:22:57	Twilight	43.000	116	19Del Sgr	2.7000	4100.0	86	41558	No
80	GOM_NL__2PRFIN20100210_092910_000000372086_00422_41558_4496.N1	10-FEB-2010 09:29:10	Dark	36.500	147	Alp Ara	2.8770	26000.	73	41558	No
81	GOM_NL__2PRFIN20100210_093040_000000472086_00422_41558_4497.N1	10-FEB-2010 09:30:40	Dark	47.000	141	Bet Ara	2.8400	4600.0	94	41558	No
82	GOM_NL__2PRFIN20100210_093751_000000432086_00423_41559_4493.N1	10-FEB-2010 09:37:51	Dark	42.500	10	Bet Cen	0.61000	28000.	85	41559	No
83	GOM_NL__2PRFIN20100210_094104_000000412086_00423_41559_4494.N1	10-FEB-2010 09:41:04	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	41559	No
84	GOM_NL__2PRFIN20100210_094335_000000442086_00423_41559_4495.N1	10-FEB-2010 09:43:35	Dark	43.500	99	Del Cen	2.5750	26000.	87	41559	No
85	GOM_NL__2PRFIN20100210_094727_000000392086_00423_41559_4496.N1	10-FEB-2010 09:47:27	Dark	38.500	91	Kap Vel	2.4900	26000.	77	41559	No
86	GOM_NL__2PRFIN20100210_095654_000000412086_00423_41559_4497.N1	10-FEB-2010 09:56:54	Straylight	41.000	132	15Rho Pup	2.8030	6900.0	82	41559	No
87	GOM_NL__2PRFIN20100210_100524_000000522086_00423_41559_4498.N1	10-FEB-2010 10:05:24	Bright	52.000	8	10Alp CMi	0.40000	6500.0	104	41559	No
88	GOM_NL__2PRFIN20100210_103140_000000442086_00423_41559_4499.N1	10-FEB-2010 10:31:40	Bright	44.000	60	7Bet UMi	2.0810	3950.0	88	41559	No
89	GOM_NL__2PRFIN20100210_103631_000000452086_00423_41559_4500.N1	10-FEB-2010 10:36:31	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	41559	No
90	GOM_NL__2PRFIN20100210_104004_000000572086_00423_41559_4501.N1	10-FEB-2010 10:40:04	Bright	57.000	130	23Bet Dra	2.7990	5800.0	114	41559	No
91	GOM_NL__2PRFIN20100210_104404_000000392086_00423_41559_4502.N1	10-FEB-2010 10:44:04	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	41559	No
92	GOM_NL__2PRFIN20100210_105051_000000342086_00423_41559_4503.N1	10-FEB-2010 10:50:51	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	41559	No
93	GOM_NL__2PRFIN20100210_105246_000000442086_00423_41559_4504.N1	10-FEB-2010 10:52:46	Bright	43.500	59	55Alp Oph	2.0800	8900.0	87	41559	No
94	GOM_NL__2PRFIN20100210_105459_000000582086_00423_41559_4505.N1	10-FEB-2010 10:54:59	Bright	58.000	126	60Bet Oph	2.7700	4250.0	116	41559	No
95	GOM_NL__2PRFIN20100210_110158_000000502086_00423_41559_4506.N1	10-FEB-2010 11:01:58	Dark	50.000	86	35Eta Oph	2.4300	10200.	100	41559	No
96	GOM_NL__2PRFIN20100210_110333_000000422086_00423_41559_4507.N1	10-FEB-2010 11:03:33	Twilight	42.000	116	19Del Sgr	2.7000	4100.0	84	41559	No
97	GOM_NL__2PRFIN20100210_110757_000000462086_00423_41559_4508.N1	10-FEB-2010 11:07:57	Dark	45.500	40	The Sco	1.8590	7100.0	91	41559	No
98	GOM_NL__2PRFIN20100210_110946_000000392086_00423_41559_4509.N1	10-FEB-2010 11:09:46	Dark	39.000	147	Alp Ara	2.8770	26000.	78	41559	No
99	GOM_NL__2PRFIN20100210_111116_000000452086_00423_41559_4510.N1	10-FEB-2010 11:11:16	Dark	44.500	141	Bet Ara	2.8400	4600.0	89	41559	No
100	GOM_NL__2PRFIN20100210_111242_000000462086_00423_41559_4503.N1	10-FEB-2010 11:12:42	Dark	45.500	131	Gam Lup	2.8000	26000.	91	41559	No
101	GOM_NL__2PRFIN20100210_111828_000000442086_00424_41560_4504.N1	10-FEB-2010 11:18:28	Dark	44.000	10	Bet Cen	0.61000	28000.	88	41560	No

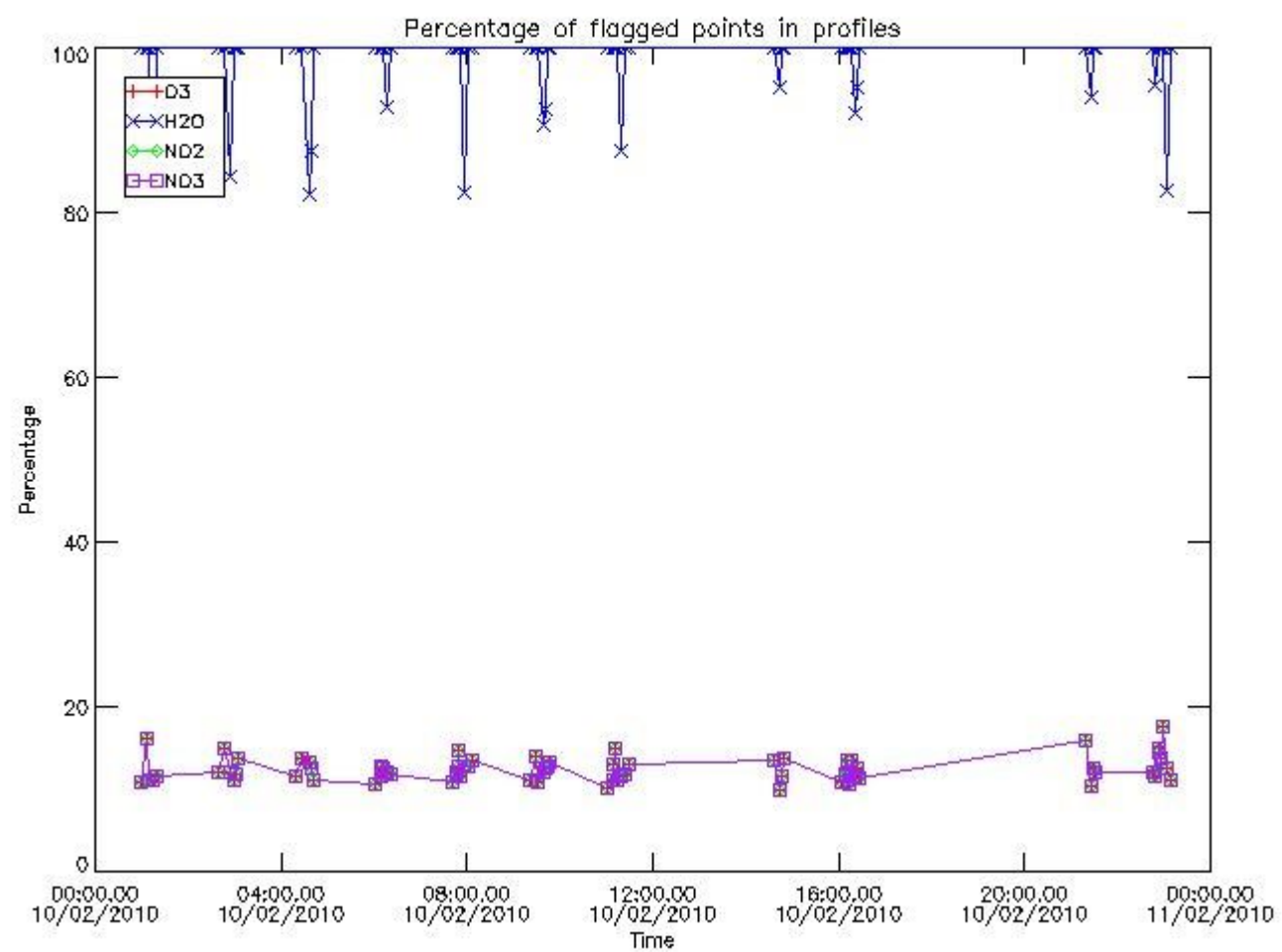
102	GOM_NL__2PRFIN20100210_112412_000000442086_00424_41560_4505.N1	10-FEB-2010 11:24:12	Dark	43.500	99	Del Cen	2.5750	26000.	87	41560	No
103	GOM_NL__2PRFIN20100210_112802_000000392086_00424_41560_4506.N1	10-FEB-2010 11:28:02	Dark	39.000	91	Kap Vel	2.4900	26000.	78	41560	No
104	GOM_NL__2PRFIN20100210_113122_000000442086_00424_41560_4507.N1	10-FEB-2010 11:31:22	Straylight	43.500	65	Lam Vel	2.2040	4400.0	87	41560	No
105	GOM_NL__2PRFIN20100210_143622_000000382086_00426_41562_4520.N1	10-FEB-2010 14:36:22	Dark	38.000	109	Bet Lup	2.6770	26000.	76	41562	No
106	GOM_NL__2PRFIN20100210_144253_000000522086_00426_41562_4521.N1	10-FEB-2010 14:42:53	Dark	52.000	12	Alp1Cru	0.77500	30000.	104	41562	No
107	GOM_NL__2PRFIN20100210_144525_000000452086_00426_41562_4522.N1	10-FEB-2010 14:45:25	Dark	44.500	99	Del Cen	2.5750	26000.	89	41562	No
108	GOM_NL__2PRFIN20100210_144915_000000372086_00426_41562_4523.N1	10-FEB-2010 14:49:15	Dark	37.000	91	Kap Vel	2.4900	26000.	74	41562	No
109	GOM_NL__2PRFIN20100210_145234_000000422086_00426_41562_4524.N1	10-FEB-2010 14:52:34	Straylight	42.000	65	Lam Vel	2.2040	4400.0	84	41562	No
110	GOM_NL__2PRFIN20100210_150712_000000462086_00426_41562_4525.N1	10-FEB-2010 15:07:12	Bright	46.000	8	10Alp CMi	0.40000	6500.0	92	41562	No
111	GOM_NL__2PRFIN20100210_151335_000000382086_00426_41562_4526.N1	10-FEB-2010 15:13:35	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	41562	No
112	GOM_NL__2PRFIN20100210_153101_000000412086_00426_41562_4527.N1	10-FEB-2010 15:31:01	Bright	41.000	49	1Alp UMi	1.9900	6300.0	82	41562	No
113	GOM_NL__2PRFIN20100210_153328_000000402086_00426_41562_4528.N1	10-FEB-2010 15:33:28	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	41562	No
114	GOM_NL__2PRFIN20100210_153818_000000452086_00426_41562_4529.N1	10-FEB-2010 15:38:18	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	41562	No
115	GOM_NL__2PRFIN20100210_154152_000000382086_00426_41562_4530.N1	10-FEB-2010 15:41:52	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	41562	No
116	GOM_NL__2PRFIN20100210_155240_000000522086_00426_41562_4531.N1	10-FEB-2010 15:52:40	Bright	52.000	168	17Zet Aql	2.9860	11000.	104	41562	No
117	GOM_NL__2PRFIN20100210_155435_000000452086_00426_41562_4532.N1	10-FEB-2010 15:54:35	Bright	44.500	59	55Alp Oph	2.0800	8900.0	89	41562	No
118	GOM_NL__2PRFIN20100210_155648_000000442086_00426_41562_4533.N1	10-FEB-2010 15:56:48	Bright	43.500	126	60Bet Oph	2.7700	4250.0	87	41562	No
119	GOM_NL__2PRFIN20100210_160348_000000482086_00426_41562_4534.N1	10-FEB-2010 16:03:48	Dark	47.500	86	35Eta Oph	2.4300	10200.	95	41562	No
120	GOM_NL__2PRFIN20100210_160521_000000432086_00426_41562_4535.N1	10-FEB-2010 16:05:21	Twilight	42.500	116	19Del Sgr	2.7000	4100.0	85	41562	No
121	GOM_NL__2PRFIN20100210_160825_000000452086_00426_41562_4536.N1	10-FEB-2010 16:08:25	Dark	44.500	25	35Lam Sco	1.6200	28000.	89	41562	No
122	GOM_NL__2PRFIN20100210_160947_000000442086_00426_41562_4537.N1	10-FEB-2010 16:09:47	Dark	43.500	40	The Sco	1.8590	7100.0	87	41562	No
123	GOM_NL__2PRFIN20100210_161135_000000382086_00426_41562_4538.N1	10-FEB-2010 16:11:35	Dark	38.000	147	Alp Ara	2.8770	26000.	76	41562	No
124	GOM_NL__2PRFIN20100210_161305_000000492086_00426_41562_4539.N1	10-FEB-2010 16:13:05	Dark	48.500	141	Bet Ara	2.8400	4600.0	97	41562	No
125	GOM_NL__2PRFIN20100210_161433_000000462086_00426_41562_4548.N1	10-FEB-2010 16:14:33	Dark	45.500	131	Gam Lup	2.8000	26000.	91	41562	No
126	GOM_NL__2PRFIN20100210_161659_000000382086_00427_41563_4549.N1	10-FEB-2010 16:16:59	Dark	38.000	109	Bet Lup	2.6770	26000.	76	41563	No
127	GOM_NL__2PRFIN20100210_162017_000000442086_00427_41563_4550.N1	10-FEB-2010 16:20:17	Dark	44.000	10	Bet Cen	0.61000	28000.	88	41563	No
128	GOM_NL__2PRFIN20100210_162330_000000412086_00427_41563_4551.N1	10-FEB-2010 16:23:30	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	41563	No
129	GOM_NL__2PRFIN20100210_162602_000000452086_00427_41563_4552.N1	10-FEB-2010 16:26:02	Dark	44.500	99	Del Cen	2.5750	26000.	89	41563	No
130	GOM_NL__2PRFIN20100210_163919_000000402086_00427_41563_4553.N1	10-FEB-2010 16:39:19	Straylight	40.000	132	15Rho Pup	2.8030	6900.0	80	41563	No
131	GOM_NL__2PRFIN20100210_164325_000000552086_00427_41563_4554.N1	10-FEB-2010 16:43:25	Straylight	54.500	48	30Alp Hya	1.9770	4100.0	109	41563	No
132	GOM_NL__2PRFIN20100210_171403_000000412086_00427_41563_4555.N1	10-FEB-2010 17:14:03	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	41563	No
133	GOM_NL__2PRFIN20100210_171854_000000452086_00427_41563_4556.N1	10-FEB-2010 17:18:54	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	41563	No
134	GOM_NL__2PRFIN20100210_172227_000000422086_00427_41563_4557.N1	10-FEB-2010 17:22:27	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	41563	No
135	GOM_NL__2PRFIN20100210_172629_000000322086_00427_41563_4558.N1	10-FEB-2010 17:26:29	Bright	31.500	5	3Alp Lyr	0.033000	11000.	63	41563	No
136	GOM_NL__2PRFIN20100210_211850_000000322086_00430_41566_4574.N1	10-FEB-2010 21:18:50	Dark	32.000	109	Bet Lup	2.6770	26000.	64	41566	No
137	GOM_NL__2PRFIN20100210_212519_000000502086_00430_41566_4575.N1	10-FEB-2010 21:25:19	Dark	49.500	12	Alp1Cru	0.77500	30000.	99	41566	No
138	GOM_NL__2PRFIN20100210_212751_000000452086_00430_41566_4576.N1	10-FEB-2010 21:27:51	Dark	44.500	99	Del Cen	2.5750	26000.	89	41566	No
139	GOM_NL__2PRFIN20100210_213140_000000432086_00430_41566_4577.N1	10-FEB-2010 21:31:40	Dark	42.500	91	Kap Vel	2.4900	26000.	85	41566	No
140	GOM_NL__2PRFIN20100210_213459_000000482086_00430_41566_4578.N1	10-FEB-2010 21:34:59	Straylight	47.500	65	Lam Vel	2.2040	4400.0	95	41566	No
141	GOM_NL__2PRFIN20100210_214936_000000522086_00430_41566_4579.N1	10-FEB-2010 21:49:36	Bright	52.000	8	10Alp CMi	0.40000	6500.0	104	41566	No
142	GOM_NL__2PRFIN20100210_215559_000000392086_00430_41566_4580.N1	10-FEB-2010 21:55:59	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	41566	No
143	GOM_NL__2PRFIN20100210_221550_000000422086_00430_41566_4581.N1	10-FEB-2010 22:15:50	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	41566	No
144	GOM_NL__2PRFIN20100210_222041_000000442086_00430_41566_4582.N1	10-FEB-2010 22:20:41	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	41566	No
145	GOM_NL__2PRFIN20100210_222415_000000402086_00430_41566_4583.N1	10-FEB-2010 22:24:15	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	41566	No
146	GOM_NL__2PRFIN20100210_222817_000000262086_00430_41566_4584.N1	10-FEB-2010 22:28:17	Twilight	26.000	5	3Alp Lyr	0.033000	11000.	52	41566	No
147	GOM_NL__2PRFIN20100210_223913_000000462086_00430_41566_4585.N1	10-FEB-2010 22:39:13	Bright	45.500	126	60Bet Oph	2.7700	4250.0	91	41566	No
148	GOM_NL__2PRFIN20100210_224615_000000512086_00430_41566_4586.N1	10-FEB-2010 22:46:15	Dark	51.000	86	35Eta Oph	2.4300	10200.	102	41566	No
149	GOM_NL__2PRFIN20100210_224746_000000452086_00430_41566_4587.N1	10-FEB-2010 22:47:46	Dark	44.500	116	19Del Sgr	2.7000	4100.0	89	41566	No
150	GOM_NL__2PRFIN20100210_225212_000000492086_00430_41566_4588.N1	10-FEB-2010 22:52:12	Dark	49.000	40	The Sco	1.8590	7100.0	98	41566	No
151	GOM_NL__2PRFIN20100210_225400_000000382086_00430_41566_4589.N1	10-FEB-2010 22:54:00	Dark	37.500	147	Alp Ara	2.8770	26000.	75	41566	No
152	GOM_NL__2PRFIN20100210_225530_000000372086_00430_41566_4590.N1	10-FEB-2010 22:55:30	Dark	37.000	141	Bet Ara	2.8400	4600.0	74	41566	No
153	GOM_NL__2PRFIN20100210_225927_000000322086_00431_41567_4582.N1	10-FEB-2010 22:59:27	Dark	32.000	109	Bet Lup	2.6770	26000.	64	41567	No
154	GOM_NL__2PRFIN20100210_230243_000000412086_00431_41567_4583.N1	10-FEB-2010 23:02:43	Dark	41.000	10	Bet Cen	0.61000	28000.	82	41567	No
155	GOM_NL__2PRFIN20100210_230828_000000462086_00431_41567_4584.N1	10-FEB-2010 23:08:28	Dark	45.500	99	Del Cen	2.5750	26000.	91	41567	No
156	GOM_NL__2PRFIN20100210_231535_000000452086_00431_41567_4585.N1	10-FEB-2010 23:15:35	Straylight	45.000	65	Lam Vel	2.2040	4400.0	90	41567	No
157	GOM_NL__2PRFIN20100210_232143_000000422086_00431_41567_4586.N1	10-FEB-2010 23:21:43	Straylight	42.000	132	15Rho Pup	2.8030	6900.0	84	41567	No
158	GOM_NL__2PRFIN20100210_232549_000000532086_00431_41567_4587.N1	10-FEB-2010 23:25:49	Straylight	52.500	48	30Alp Hya	1.9770	4100.0	105	41567	No
159	GOM_NL__2PRFIN20100210_233013_000000492086_00431_41567_4588.N1	10-FEB-2010 23:30:13	Bright	48.500	8	10Alp CMi	0.40000	6500.0	97	41567	No
160	GOM_NL__2PRFIN20100210_233635_000000402086_00431_41567_4589.N1	10-FEB-2010 23:36:35	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	41567	No

161	GOM_NL__2PRFIN20100210_235400_000000382086_00431_41567_4590.N1	10-FEB-2010 23:54:00	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	41567	No
162	GOM_NL__2PRFIN20100210_235626_000000422086_00431_41567_4591.N1	10-FEB-2010 23:56:26	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	41567	No

3. Quality information per product

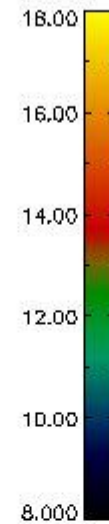
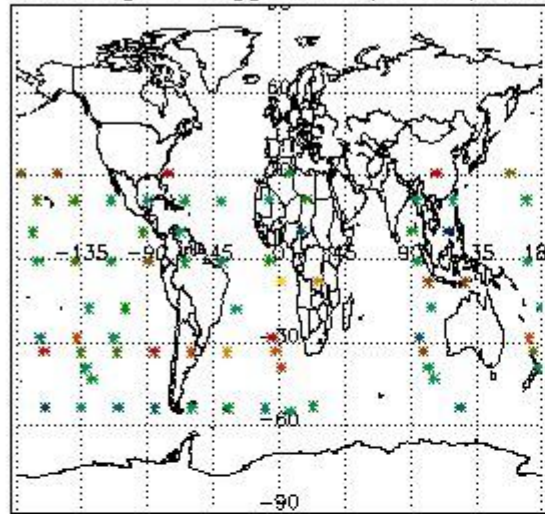
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

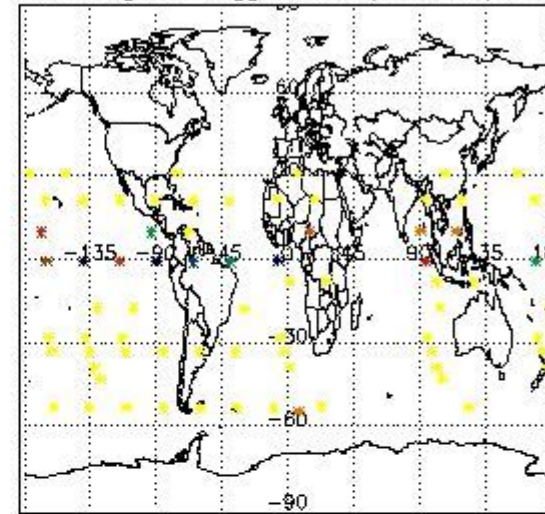


3.2 Plot quality information per product (world map)

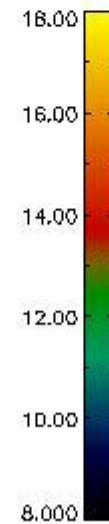
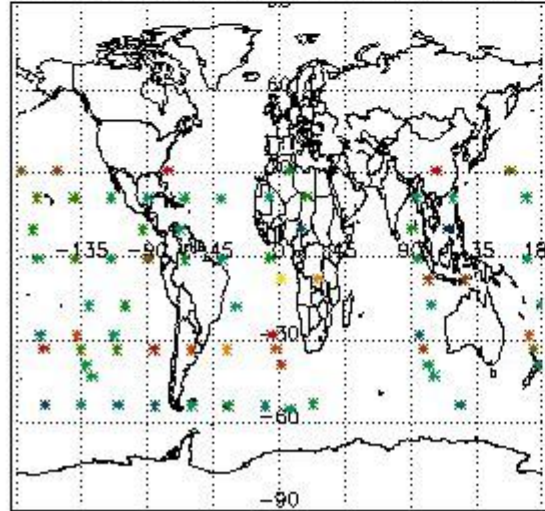
Percentage of flagged data per O3 profile



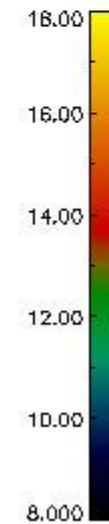
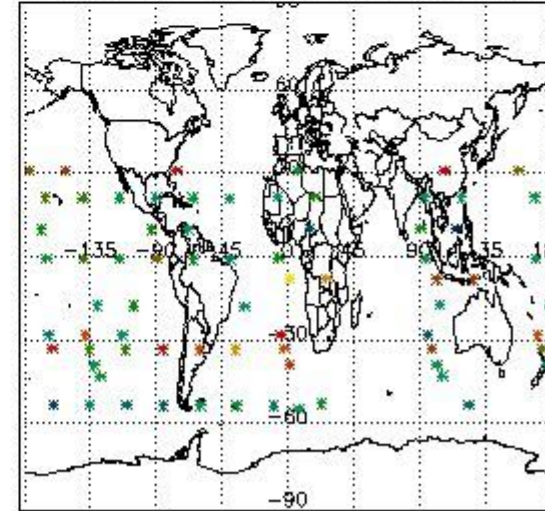
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

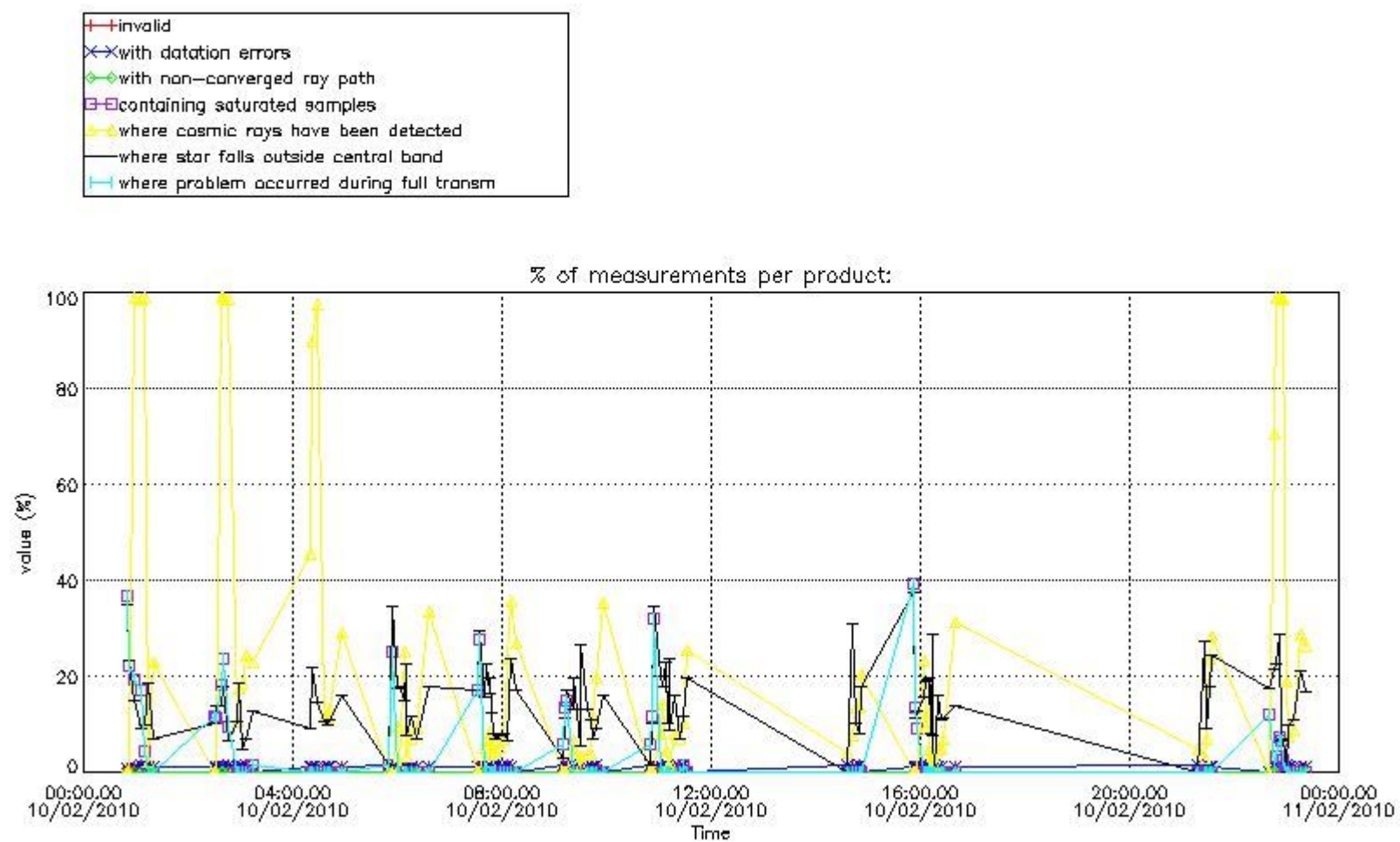


4. Level 1 quality information per product

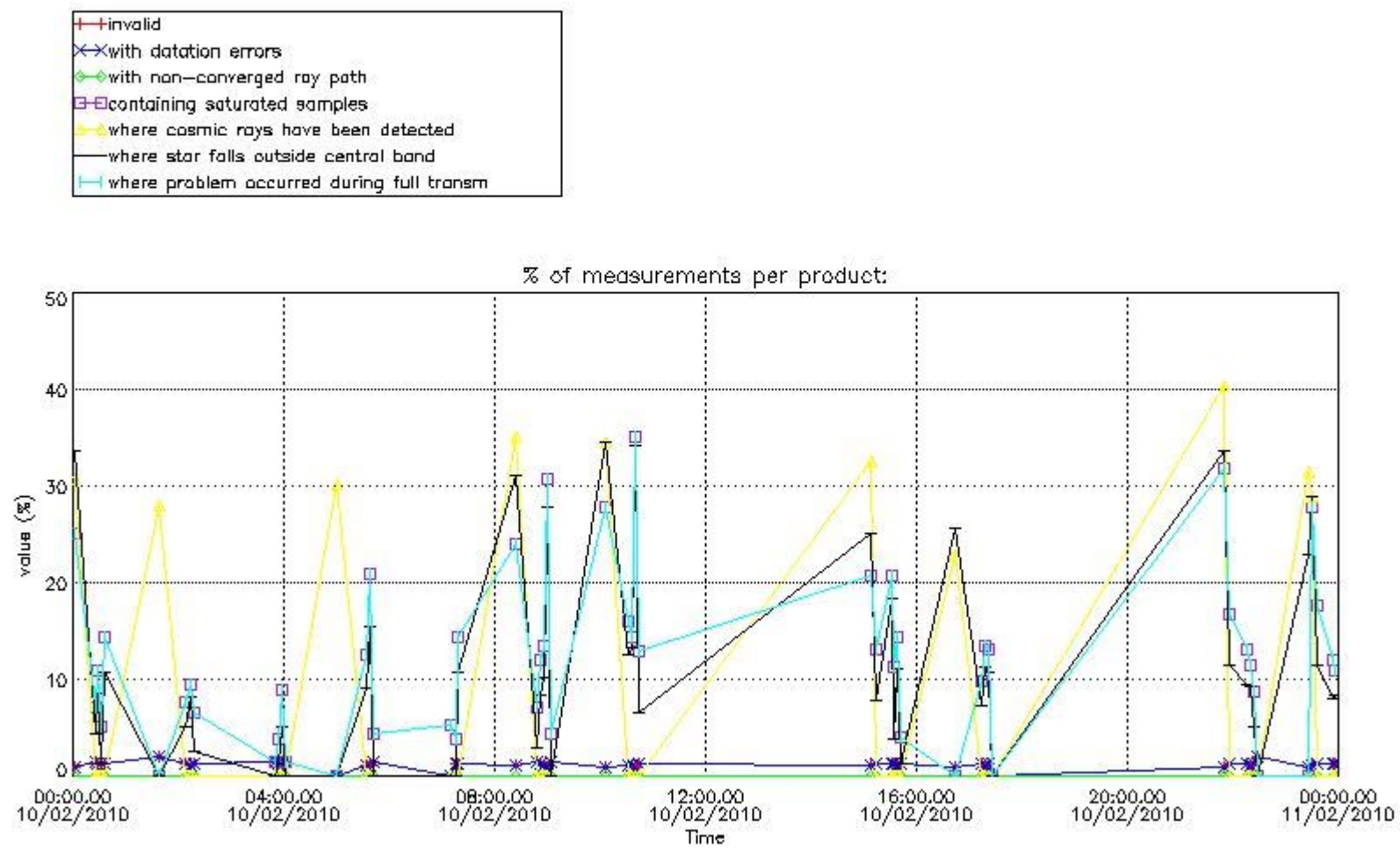
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

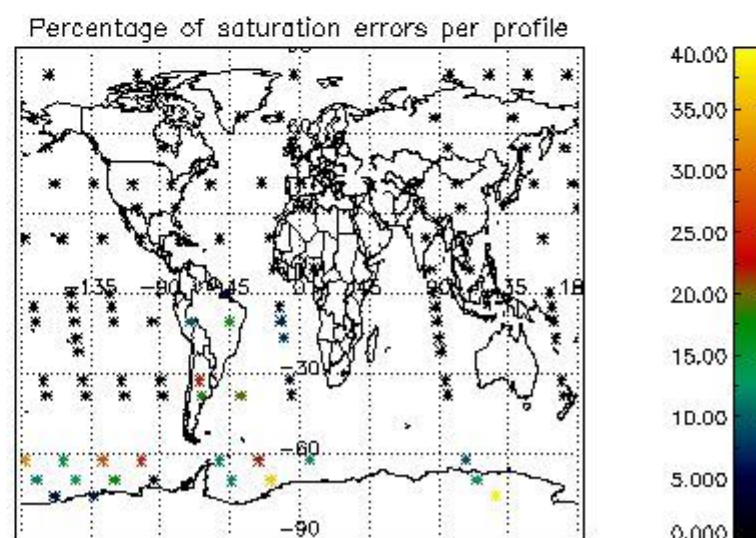
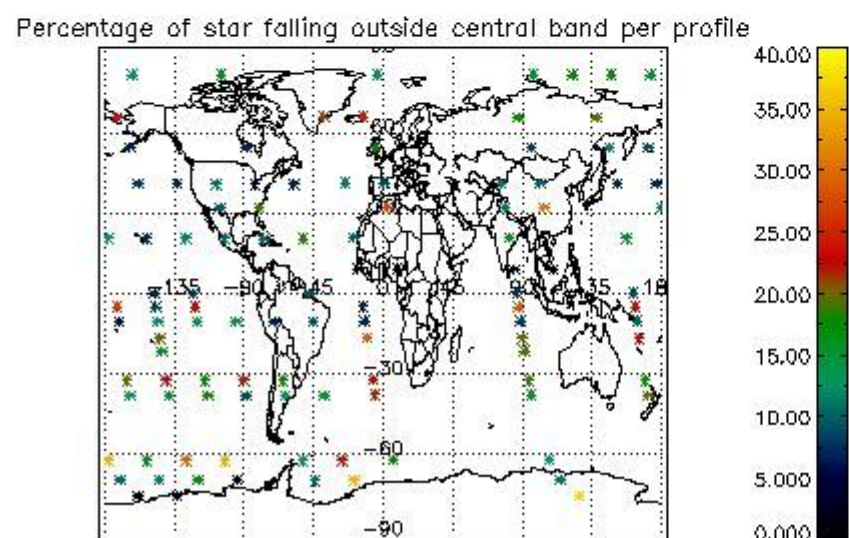
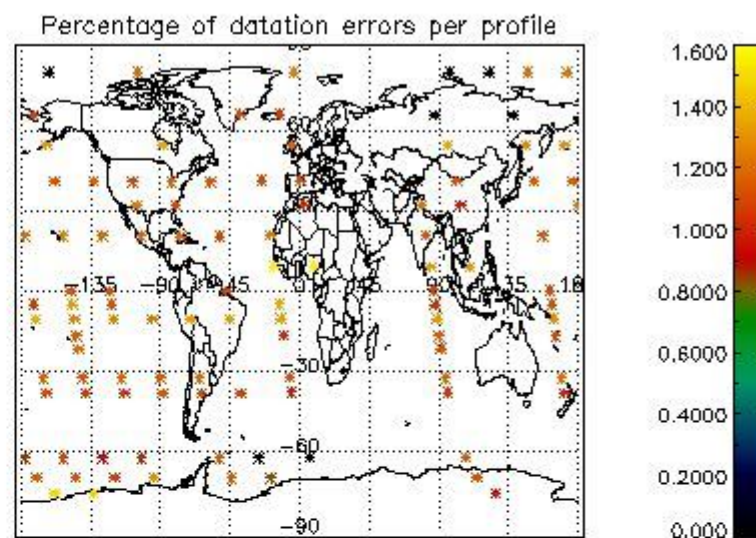
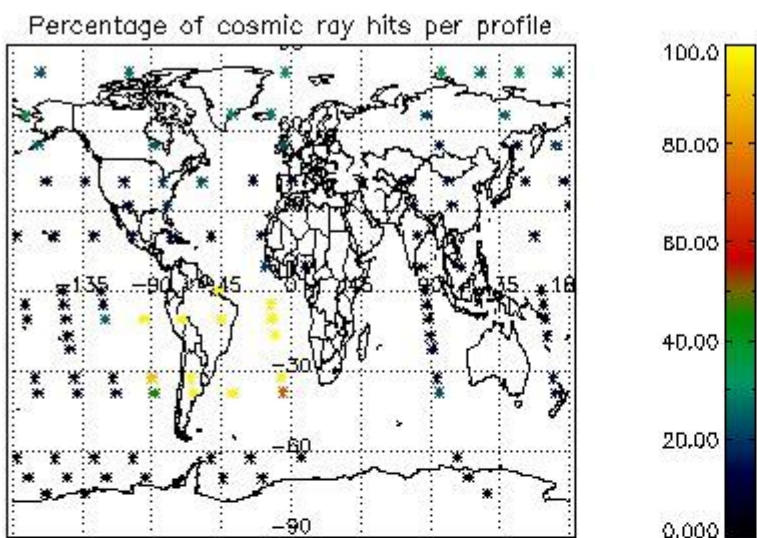


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

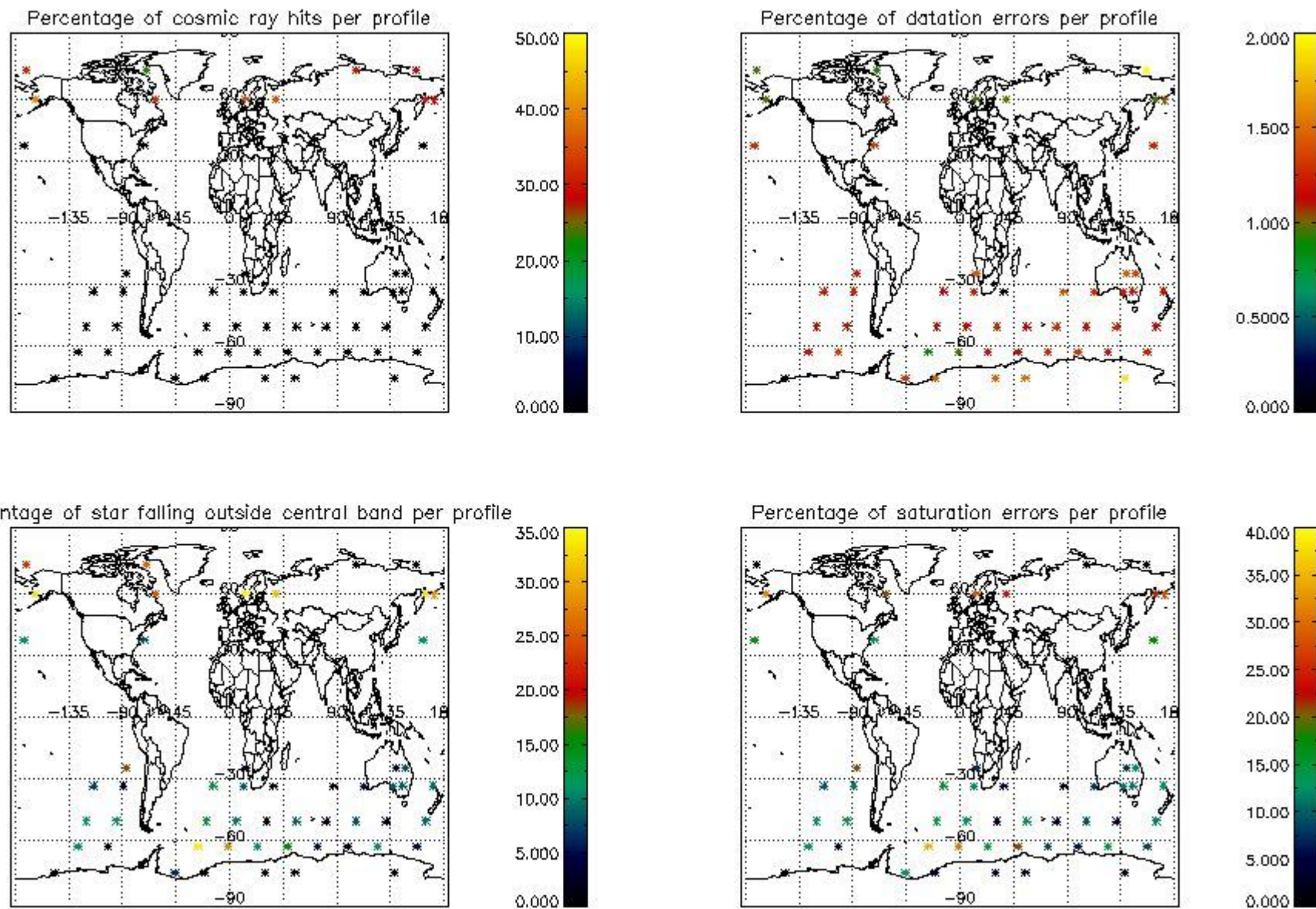


4.2 Plot quality information per product coming from level 1b processing (world map)

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

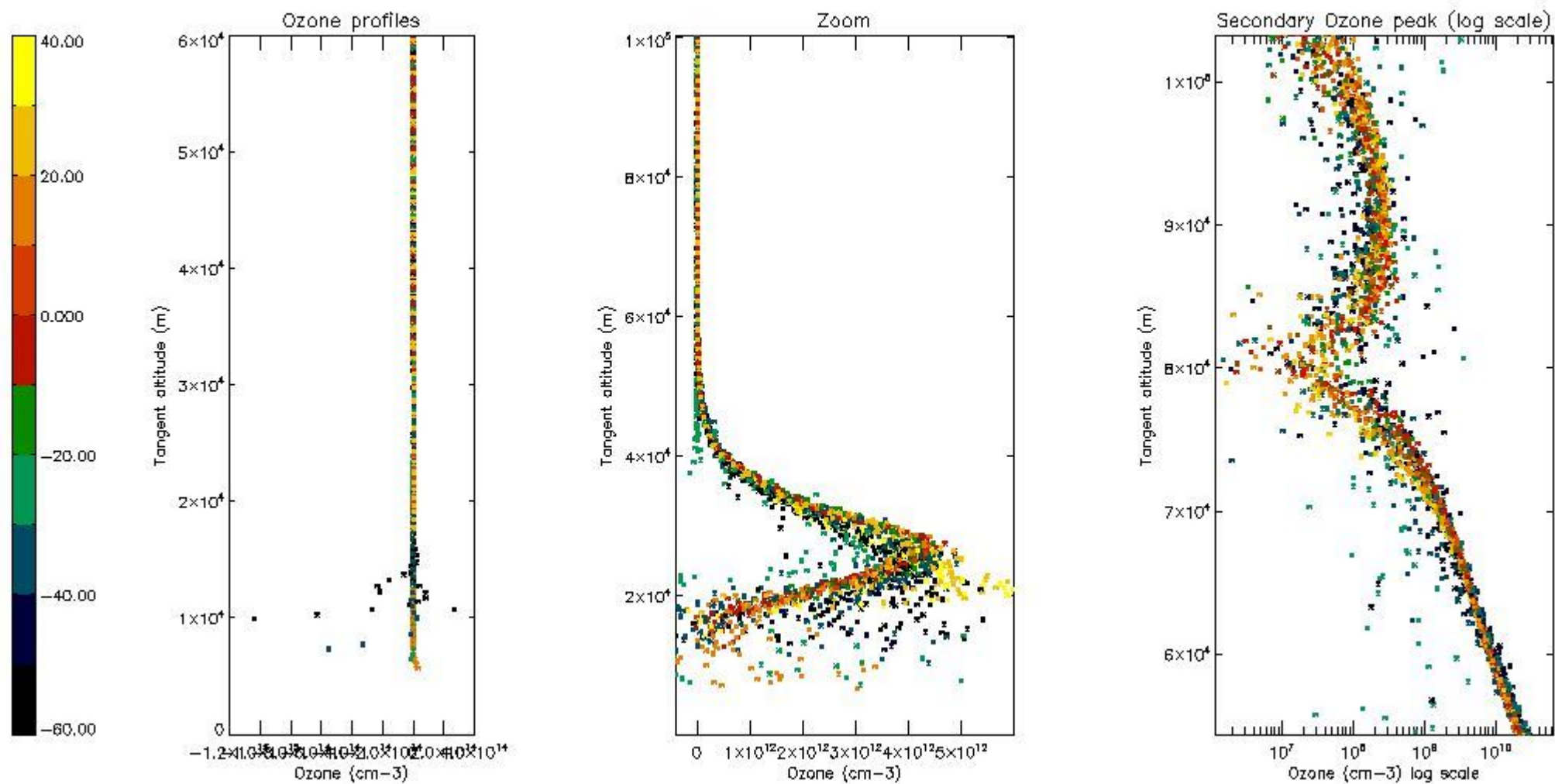
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	45
STD < 20	25

STD < 10	20
STD < 5	14

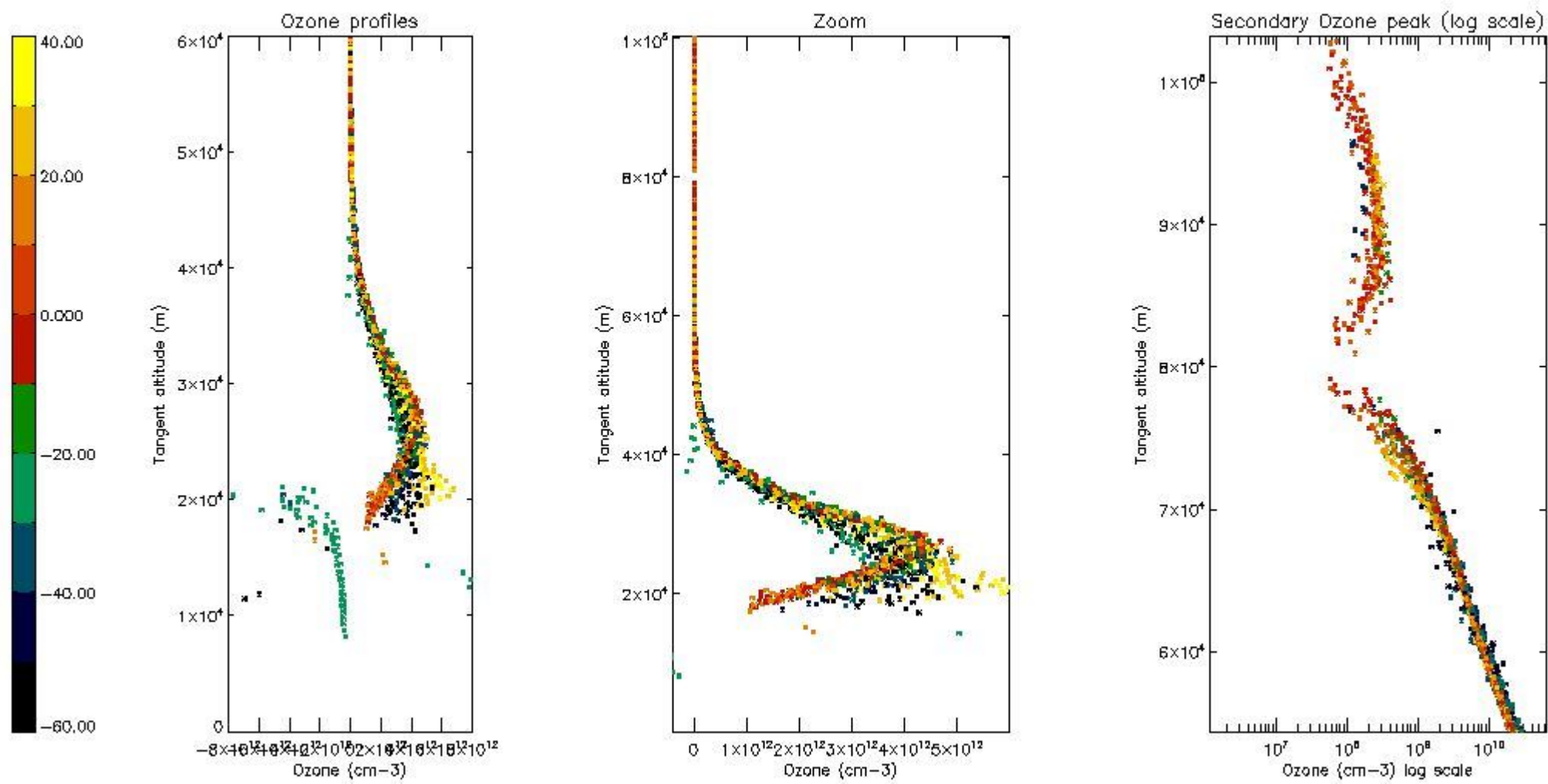
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



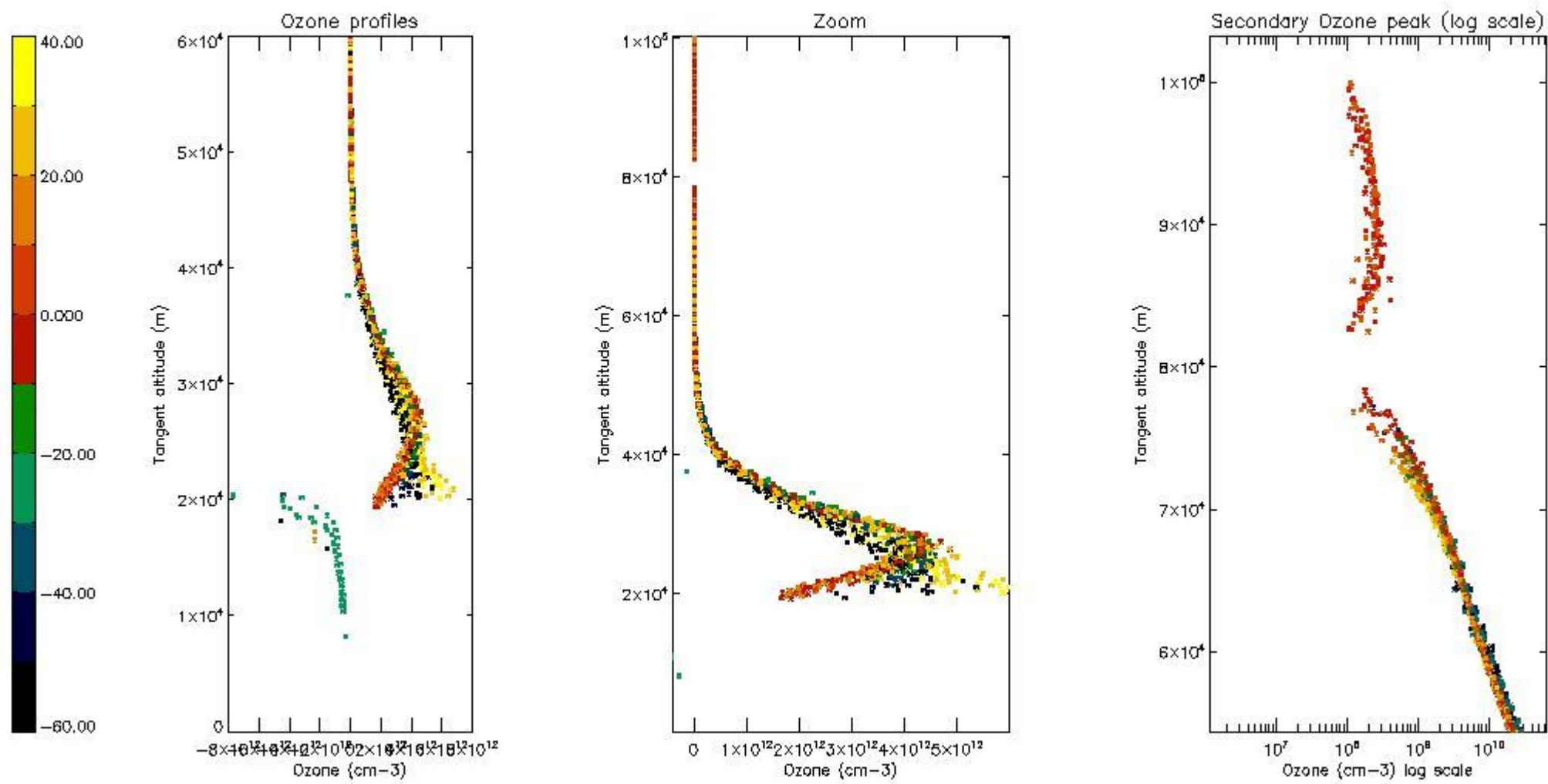
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



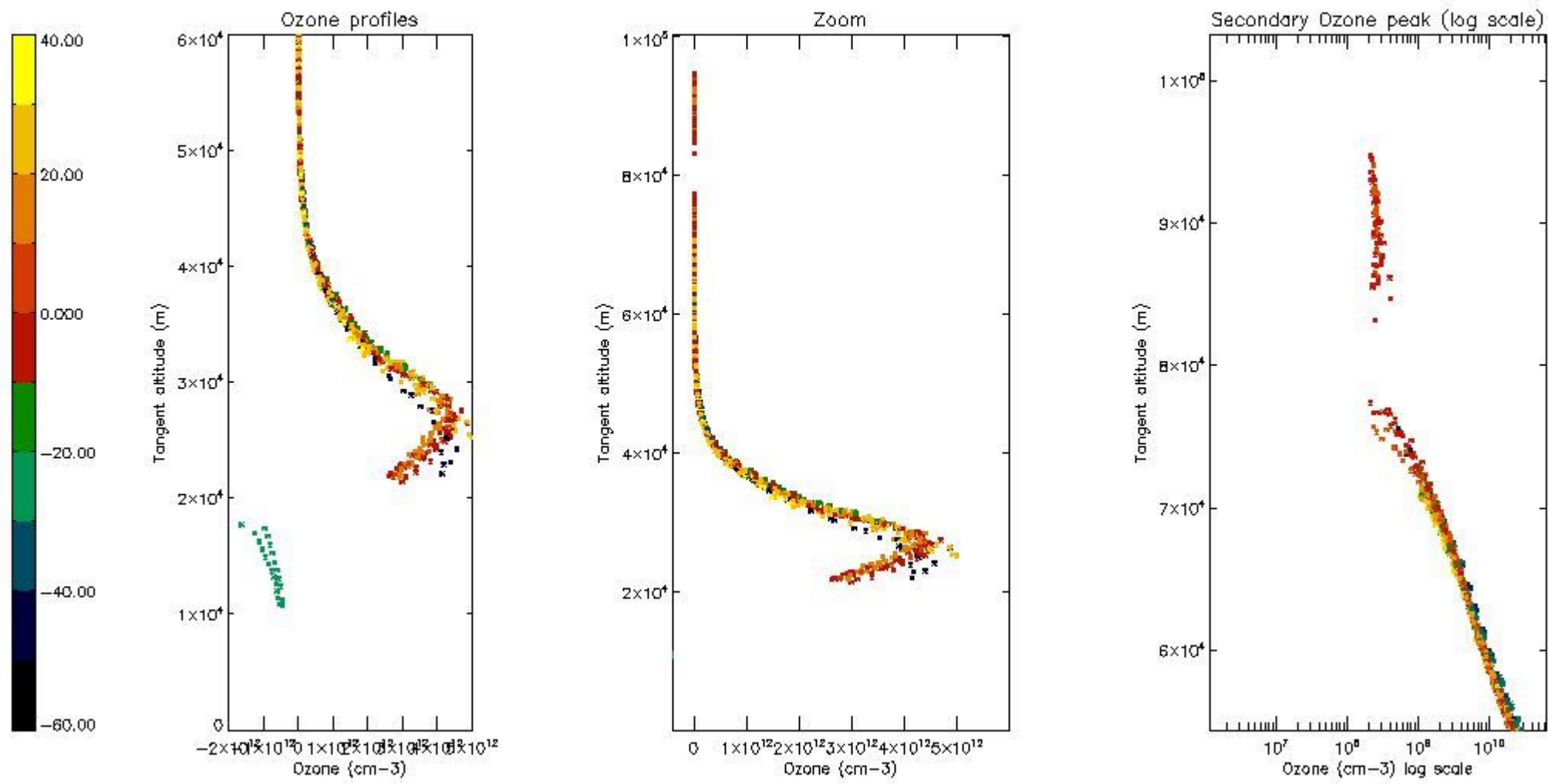
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



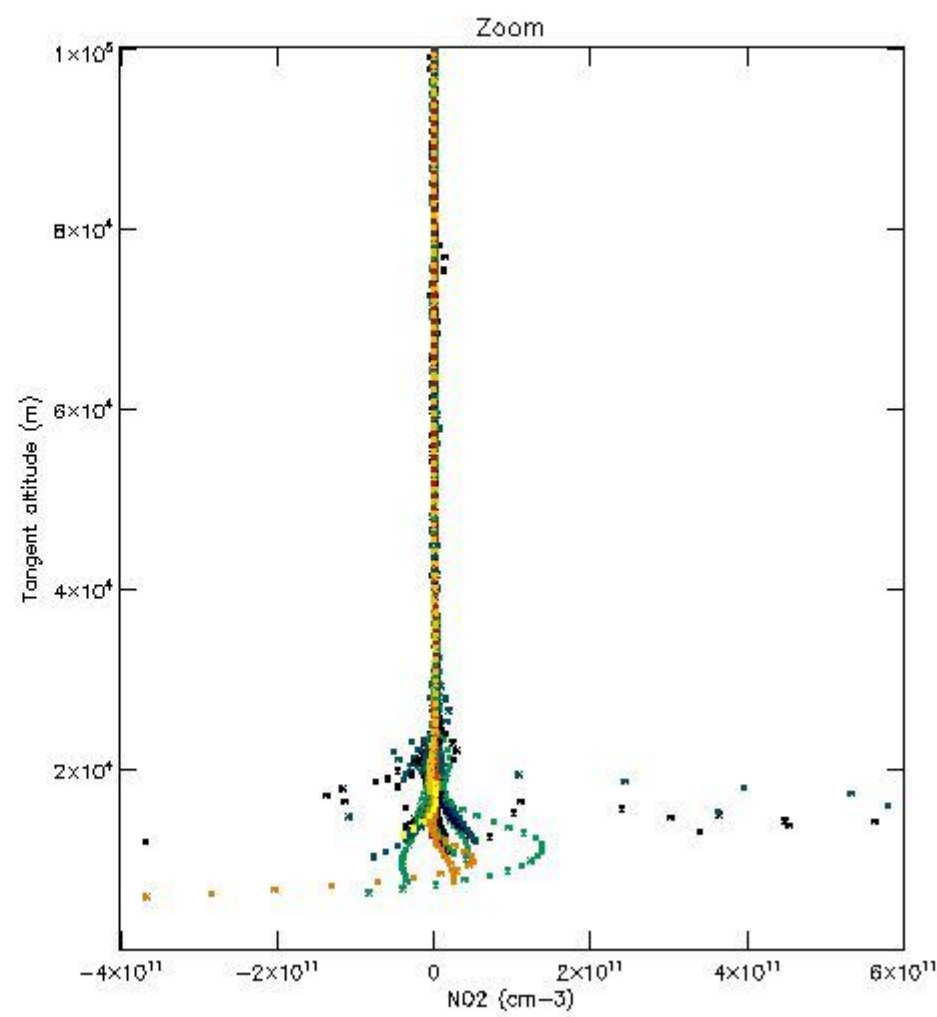
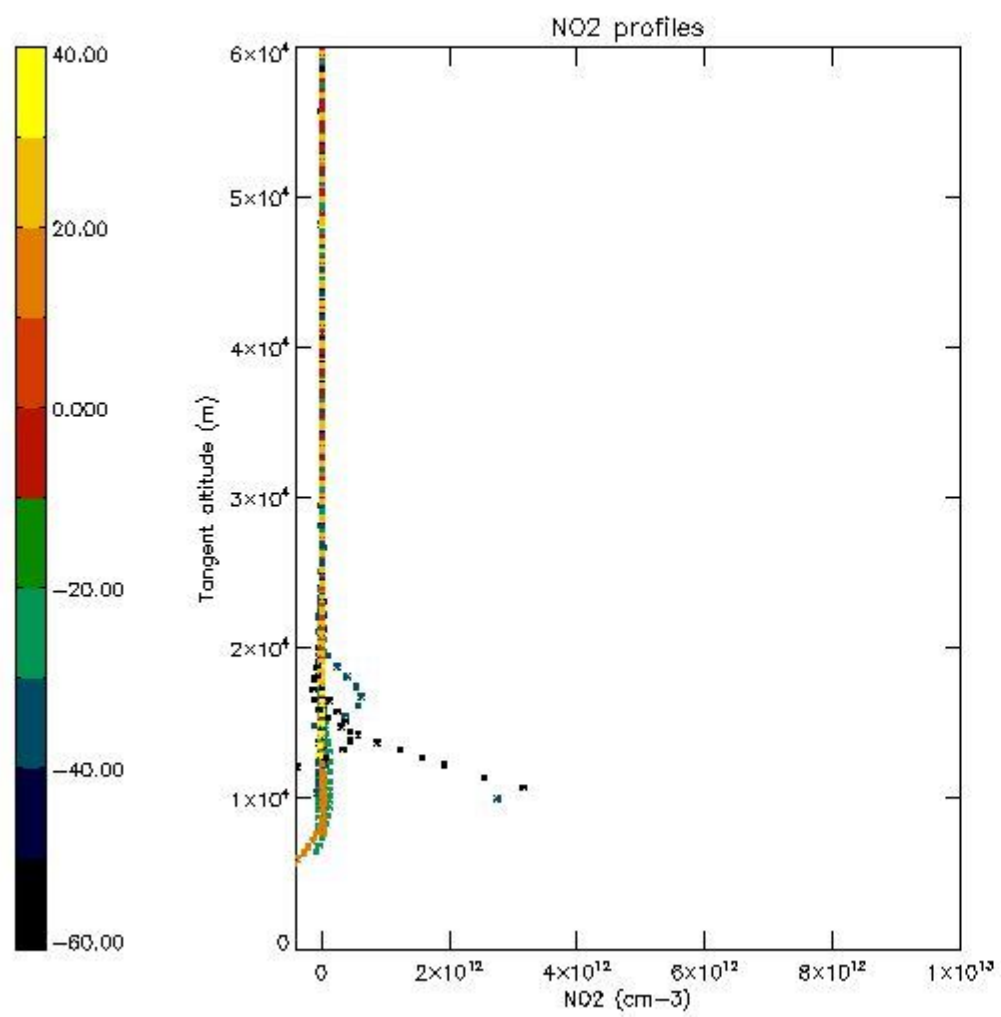
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



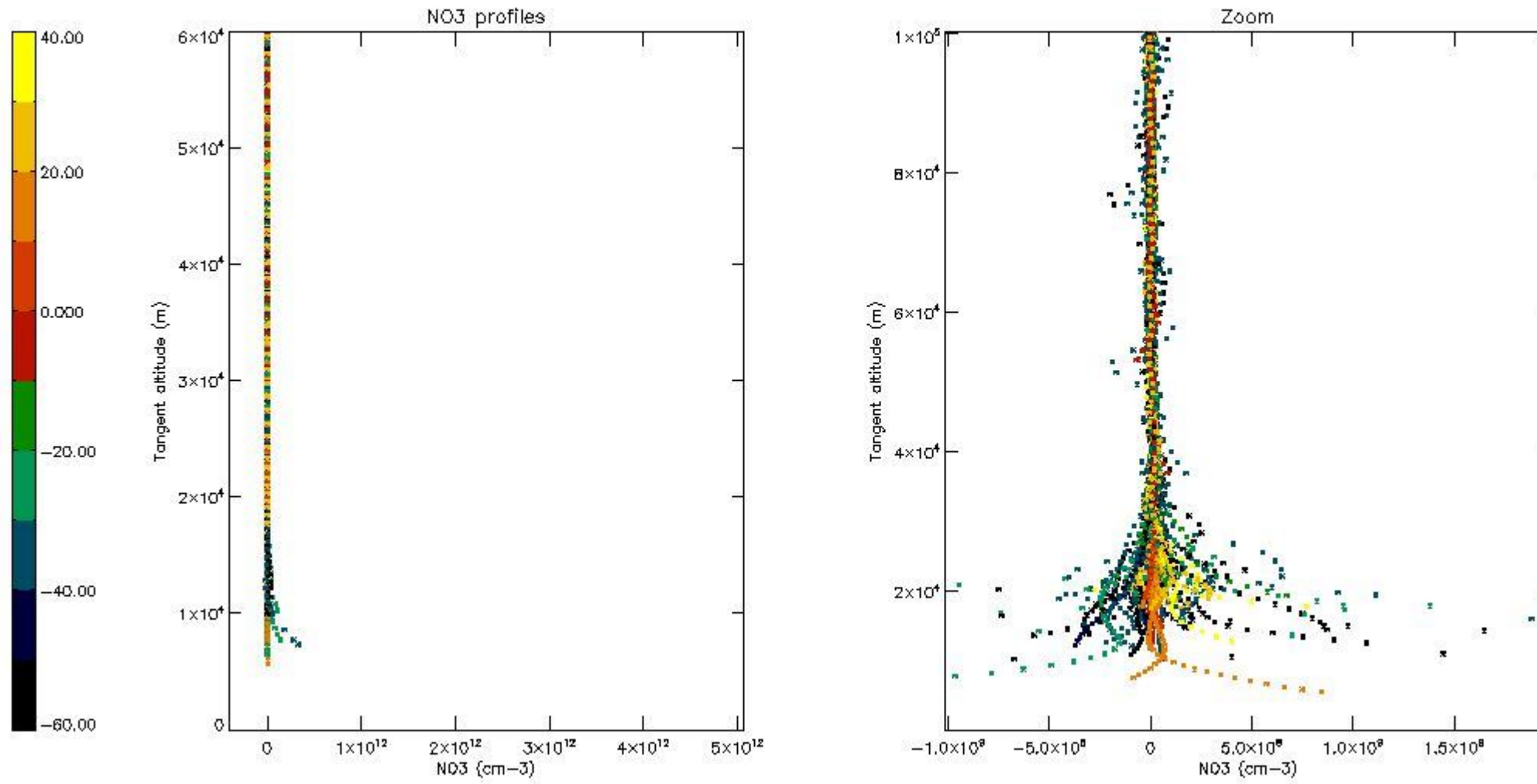
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	10-FEB-2010 00:01:48
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	10-FEB-2010 00:01:48
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	10-FEB-2010 00:01:48

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 17:17:33
Data source version	GOMOS/6.01
Start time of products	10-02-2010 (10FEB2010 00:00:00)
Stop time of products	11-02-2010 (11FEB2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	162
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__2PRFIN20100210_000148_000000522086_00417_41553_4420.N1	10-FEB-2010 00:01:48	Twilight	52.000	8	10Alp CMi	0.40000	6500.0	104	41553	No
2	GOM_NL__2PRFIN20100210_002537_000000352086_00417_41553_4421.N1	10-FEB-2010 00:25:37	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	41553	No
3	GOM_NL__2PRFIN20100210_002807_000000412086_00417_41553_4422.N1	10-FEB-2010 00:28:07	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	41553	No
4	GOM_NL__2PRFIN20100210_003257_000000402086_00417_41553_4423.N1	10-FEB-2010 00:32:57	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	41553	No
5	GOM_NL__2PRFIN20100210_003629_000000422086_00417_41553_4424.N1	10-FEB-2010 00:36:29	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	41553	No
6	GOM_NL__2PRFIN20100210_004908_000000602086_00417_41553_4425.N1	10-FEB-2010 00:49:08	Bright	60.000	59	55Alp Oph	2.0800	8900.0	120	41553	No
7	GOM_NL__2PRFIN20100210_005120_000000502086_00417_41553_4426.N1	10-FEB-2010 00:51:20	Bright	49.500	126	60Bet Oph	2.7700	4250.0	99	41553	No
8	GOM_NL__2PRFIN20100210_005818_000000472086_00417_41553_4427.N1	10-FEB-2010 00:58:18	Dark	46.500	86	35Eta Oph	2.4300	10200.	93	41553	No
9	GOM_NL__2PRFIN20100210_010608_000000382086_00417_41553_4428.N1	10-FEB-2010 01:06:08	Dark	38.000	147	Alp Ara	2.8770	26000.	76	41553	No
10	GOM_NL__2PRFIN20100210_010901_000000462086_00417_41553_4429.N1	10-FEB-2010 01:09:01	Dark	45.500	131	Gam Lup	2.8000	26000.	91	41553	No
11	GOM_NL__2PRFIN20100210_011448_000000462086_00418_41554_4422.N1	10-FEB-2010 01:14:48	Dark	46.000	10	Bet Cen	0.61000	28000.	92	41554	No
12	GOM_NL__2PRFIN20100210_012032_000000442086_00418_41554_4423.N1	10-FEB-2010 01:20:32	Dark	44.000	99	Del Cen	2.5750	26000.	88	41554	No
13	GOM_NL__2PRFIN20100210_013802_000000252086_00418_41554_4424.N1	10-FEB-2010 01:38:02	Straylight	25.000	48	30Alp Hya	1.9770	4100.0	50	41554	No
14	GOM_NL__2PRFIN20100210_020843_000000392086_00418_41554_4425.N1	10-FEB-2010 02:08:43	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	41554	No
15	GOM_NL__2PRFIN20100210_021333_000000432086_00418_41554_4426.N1	10-FEB-2010 02:13:33	Bright	42.500	119	14Eta Dra	2.7270	4700.0	85	41554	No
16	GOM_NL__2PRFIN20100210_021705_000000382086_00418_41554_4427.N1	10-FEB-2010 02:17:05	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	41554	No
17	GOM_NL__2PRFIN20100210_022944_000000442086_00418_41554_4428.N1	10-FEB-2010 02:29:44	Bright	43.500	59	55Alp Oph	2.0800	8900.0	87	41554	No
18	GOM_NL__2PRFIN20100210_023157_000000442086_00418_41554_4429.N1	10-FEB-2010 02:31:57	Bright	44.000	126	60Bet Oph	2.7700	4250.0	88	41554	No
19	GOM_NL__2PRFIN20100210_023855_000000472086_00418_41554_4430.N1	10-FEB-2010 02:38:55	Dark	46.500	86	35Eta Oph	2.4300	10200.	93	41554	No
20	GOM_NL__2PRFIN20100210_024031_000000422086_00418_41554_4431.N1	10-FEB-2010 02:40:31	Twilight	42.000	116	19Del Sgr	2.7000	4100.0	84	41554	No
21	GOM_NL__2PRFIN20100210_024645_000000382086_00418_41554_4432.N1	10-FEB-2010 02:46:45	Dark	37.500	147	Alp Ara	2.8770	26000.	75	41554	No
22	GOM_NL__2PRFIN20100210_025525_000000422086_00419_41555_4430.N1	10-FEB-2010 02:55:25	Dark	42.000	10	Bet Cen	0.61000	28000.	84	41555	No
23	GOM_NL__2PRFIN20100210_025838_000000462086_00419_41555_4431.N1	10-FEB-2010 02:58:38	Dark	45.500	12	Alp1Cru	0.77500	30000.	91	41555	No
24	GOM_NL__2PRFIN20100210_030108_000000432086_00419_41555_4432.N1	10-FEB-2010 03:01:08	Dark	43.000	99	Del Cen	2.5750	26000.	86	41555	No
25	GOM_NL__2PRFIN20100210_030502_000000372086_00419_41555_4433.N1	10-FEB-2010 03:05:02	Dark	37.000	91	Kap Vel	2.4900	26000.	74	41555	No
26	GOM_NL__2PRFIN20100210_031430_000000392086_00419_41555_4434.N1	10-FEB-2010 03:14:30	Straylight	39.000	132	15Rho Pup	2.8030	6900.0	78	41555	No
27	GOM_NL__2PRFIN20100210_034918_000000362086_00419_41555_4435.N1	10-FEB-2010 03:49:18	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	41555	No
28	GOM_NL__2PRFIN20100210_035408_000000402086_00419_41555_4436.N1	10-FEB-2010 03:54:08	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	41555	No
29	GOM_NL__2PRFIN20100210_035741_000000402086_00419_41555_4437.N1	10-FEB-2010 03:57:41	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	41555	No
30	GOM_NL__2PRFIN20100210_040140_000000342086_00419_41555_4438.N1	10-FEB-2010 04:01:40	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	41555	No
31	GOM_NL__2PRFIN20100210_041932_000000442086_00419_41555_4439.N1	10-FEB-2010 04:19:32	Dark	44.000	86	35Eta Oph	2.4300	10200.	88	41555	No
32	GOM_NL__2PRFIN20100210_042108_000000442086_00419_41555_4440.N1	10-FEB-2010 04:21:08	Twilight	43.500	116	19Del Sgr	2.7000	4100.0	87	41555	No
33	GOM_NL__2PRFIN20100210_042721_000000412086_00419_41555_4441.N1	10-FEB-2010 04:27:21	Dark	41.000	147	Alp Ara	2.8770	26000.	82	41555	No
34	GOM_NL__2PRFIN20100210_043601_000000432086_00420_41556_4438.N1	10-FEB-2010 04:36:01	Dark	42.500	10	Bet Cen	0.61000	28000.	85	41556	No
35	GOM_NL__2PRFIN20100210_043915_000000412086_00420_41556_4439.N1	10-FEB-2010 04:39:15	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	41556	No
36	GOM_NL__2PRFIN20100210_044145_000000462086_00420_41556_4440.N1	10-FEB-2010 04:41:45	Dark	46.000	99	Del Cen	2.5750	26000.	92	41556	No
37	GOM_NL__2PRFIN20100210_045506_000000412086_00420_41556_4441.N1	10-FEB-2010 04:55:06	Straylight	41.000	132	15Rho Pup	2.8030	6900.0	82	41556	No
38	GOM_NL__2PRFIN20100210_045914_000000322086_00420_41556_4442.N1	10-FEB-2010 04:59:14	Straylight	31.500	48	30Alp Hya	1.9770	4100.0	63	41556	No
39	GOM_NL__2PRFIN20100210_053444_000000442086_00420_41556_4443.N1	10-FEB-2010 05:34:44	Bright	44.000	119	14Eta Dra	2.7270	4700.0	88	41556	No
40	GOM_NL__2PRFIN20100210_053817_000000462086_00420_41556_4444.N1	10-FEB-2010 05:38:17	Bright	45.500	130	23Bet Dra	2.7990	5800.0	91	41556	No
41	GOM_NL__2PRFIN20100210_054217_000000352086_00420_41556_4445.N1	10-FEB-2010 05:42:17	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	41556	No
42	GOM_NL__2PRFIN20100210_055057_000000392086_00420_41556_4446.N1	10-FEB-2010 05:50:57	Bright	39.000	59	55Alp Oph	2.0800	8900.0	78	41556	No

43	GOM_NL__2PRFIN20100210_055310_000000582086_00420_41556_4447.N1	10-FEB-2010 05:53:10	Bright	58.000	126	60Bet Oph	2.7700	4250.0	116	41556	No
44	GOM_NL__2PRFIN20100210_060008_000000492086_00420_41556_4448.N1	10-FEB-2010 06:00:08	Dark	48.500	86	35Eta Oph	2.4300	10200.	97	41556	No
45	GOM_NL__2PRFIN20100210_060144_000000432086_00420_41556_4449.N1	10-FEB-2010 06:01:44	Twilight	42.500	116	19Del Sgr	2.7000	4100.0	85	41556	No
46	GOM_NL__2PRFIN20100210_060757_000000402086_00420_41556_4450.N1	10-FEB-2010 06:07:57	Dark	40.000	147	Alp Ara	2.8770	26000.	80	41556	No
47	GOM_NL__2PRFIN20100210_060927_000000452086_00420_41556_4451.N1	10-FEB-2010 06:09:27	Dark	44.500	141	Bet Ara	2.8400	4600.0	89	41556	No
48	GOM_NL__2PRFIN20100210_061052_000000452086_00420_41556_4446.N1	10-FEB-2010 06:10:52	Dark	45.000	131	Gam Lup	2.8000	26000.	90	41556	No
49	GOM_NL__2PRFIN20100210_061638_000000432086_00421_41557_4447.N1	10-FEB-2010 06:16:38	Dark	42.500	10	Bet Cen	0.61000	28000.	85	41557	No
50	GOM_NL__2PRFIN20100210_062221_000000442086_00421_41557_4448.N1	10-FEB-2010 06:22:21	Dark	43.500	99	Del Cen	2.5750	26000.	87	41557	No
51	GOM_NL__2PRFIN20100210_063542_000000422086_00421_41557_4449.N1	10-FEB-2010 06:35:42	Straylight	42.000	132	15Rho Pup	2.8030	6900.0	84	41557	No
52	GOM_NL__2PRFIN20100210_071030_000000382086_00421_41557_4450.N1	10-FEB-2010 07:10:30	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	41557	No
53	GOM_NL__2PRFIN20100210_071520_000000402086_00421_41557_4451.N1	10-FEB-2010 07:15:20	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	41557	No
54	GOM_NL__2PRFIN20100210_071853_000000422086_00421_41557_4452.N1	10-FEB-2010 07:18:53	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	41557	No
55	GOM_NL__2PRFIN20100210_073133_000000472086_00421_41557_4453.N1	10-FEB-2010 07:31:33	Bright	46.500	59	55Alp Oph	2.0800	8900.0	93	41557	No
56	GOM_NL__2PRFIN20100210_073346_000000552086_00421_41557_4454.N1	10-FEB-2010 07:33:46	Bright	54.500	126	60Bet Oph	2.7700	4250.0	109	41557	No
57	GOM_NL__2PRFIN20100210_074045_000000482086_00421_41557_4455.N1	10-FEB-2010 07:40:45	Dark	47.500	86	35Eta Oph	2.4300	10200.	95	41557	No
58	GOM_NL__2PRFIN20100210_074220_000000452086_00421_41557_4456.N1	10-FEB-2010 07:42:20	Twilight	44.500	116	19Del Sgr	2.7000	4100.0	89	41557	No
59	GOM_NL__2PRFIN20100210_074523_000000432086_00421_41557_4457.N1	10-FEB-2010 07:45:23	Dark	42.500	25	35Lam Sco	1.6200	28000.	85	41557	No
60	GOM_NL__2PRFIN20100210_074645_000000442086_00421_41557_4458.N1	10-FEB-2010 07:46:45	Dark	43.500	40	The Sco	1.8590	7100.0	87	41557	No
61	GOM_NL__2PRFIN20100210_074834_000000402086_00421_41557_4459.N1	10-FEB-2010 07:48:34	Dark	40.000	147	Alp Ara	2.8770	26000.	80	41557	No
62	GOM_NL__2PRFIN20100210_075003_000000382086_00421_41557_4460.N1	10-FEB-2010 07:50:03	Dark	38.000	141	Bet Ara	2.8400	4600.0	76	41557	No
63	GOM_NL__2PRFIN20100210_075129_000000452086_00421_41557_4479.N1	10-FEB-2010 07:51:29	Dark	44.500	131	Gam Lup	2.8000	26000.	89	41557	No
64	GOM_NL__2PRFIN20100210_075715_000000402086_00422_41558_4480.N1	10-FEB-2010 07:57:15	Dark	40.000	10	Bet Cen	0.61000	28000.	80	41558	No
65	GOM_NL__2PRFIN20100210_080258_000000442086_00422_41558_4481.N1	10-FEB-2010 08:02:58	Dark	44.000	99	Del Cen	2.5750	26000.	88	41558	No
66	GOM_NL__2PRFIN20100210_080650_000000382086_00422_41558_4482.N1	10-FEB-2010 08:06:50	Dark	38.000	91	Kap Vel	2.4900	26000.	76	41558	No
67	GOM_NL__2PRFIN20100210_081010_000000472086_00422_41558_4483.N1	10-FEB-2010 08:10:10	Straylight	46.500	65	Lam Vel	2.2040	4400.0	93	41558	No
68	GOM_NL__2PRFIN20100210_081618_000000412086_00422_41558_4484.N1	10-FEB-2010 08:16:18	Straylight	41.000	132	15Rho Pup	2.8030	6900.0	82	41558	No
69	GOM_NL__2PRFIN20100210_082448_000000502086_00422_41558_4485.N1	10-FEB-2010 08:24:48	Bright	50.000	8	10Alp CMi	0.40000	6500.0	100	41558	No
70	GOM_NL__2PRFIN20100210_084837_000000352086_00422_41558_4486.N1	10-FEB-2010 08:48:37	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	41558	No
71	GOM_NL__2PRFIN20100210_085105_000000422086_00422_41558_4487.N1	10-FEB-2010 08:51:05	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	41558	No
72	GOM_NL__2PRFIN20100210_085555_000000452086_00422_41558_4488.N1	10-FEB-2010 08:55:55	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	41558	No
73	GOM_NL__2PRFIN20100210_085929_000000522086_00422_41558_4489.N1	10-FEB-2010 08:59:29	Bright	52.000	130	23Bet Dra	2.7990	5800.0	104	41558	No
74	GOM_NL__2PRFIN20100210_090329_000000352086_00422_41558_4490.N1	10-FEB-2010 09:03:29	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	41558	No
75	GOM_NL__2PRFIN20100210_091016_000000342086_00422_41558_4491.N1	10-FEB-2010 09:10:16	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	41558	No
76	GOM_NL__2PRFIN20100210_091210_000000452086_00422_41558_4492.N1	10-FEB-2010 09:12:10	Bright	44.500	59	55Alp Oph	2.0800	8900.0	89	41558	No
77	GOM_NL__2PRFIN20100210_091422_000000472086_00422_41558_4493.N1	10-FEB-2010 09:14:22	Bright	46.500	126	60Bet Oph	2.7700	4250.0	93	41558	No
78	GOM_NL__2PRFIN20100210_092122_000000462086_00422_41558_4494.N1	10-FEB-2010 09:21:22	Dark	46.000	86	35Eta Oph	2.4300	10200.	92	41558	No
79	GOM_NL__2PRFIN20100210_092257_000000432086_00422_41558_4495.N1	10-FEB-2010 09:22:57	Twilight	43.000	116	19Del Sgr	2.7000	4100.0	86	41558	No
80	GOM_NL__2PRFIN20100210_092910_000000372086_00422_41558_4496.N1	10-FEB-2010 09:29:10	Dark	36.500	147	Alp Ara	2.8770	26000.	73	41558	No
81	GOM_NL__2PRFIN20100210_093040_000000472086_00422_41558_4497.N1	10-FEB-2010 09:30:40	Dark	47.000	141	Bet Ara	2.8400	4600.0	94	41558	No
82	GOM_NL__2PRFIN20100210_093751_000000432086_00423_41559_4493.N1	10-FEB-2010 09:37:51	Dark	42.500	10	Bet Cen	0.61000	28000.	85	41559	No
83	GOM_NL__2PRFIN20100210_094104_000000412086_00423_41559_4494.N1	10-FEB-2010 09:41:04	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	41559	No
84	GOM_NL__2PRFIN20100210_094335_000000442086_00423_41559_4495.N1	10-FEB-2010 09:43:35	Dark	43.500	99	Del Cen	2.5750	26000.	87	41559	No
85	GOM_NL__2PRFIN20100210_094727_000000392086_00423_41559_4496.N1	10-FEB-2010 09:47:27	Dark	38.500	91	Kap Vel	2.4900	26000.	77	41559	No
86	GOM_NL__2PRFIN20100210_095654_000000412086_00423_41559_4497.N1	10-FEB-2010 09:56:54	Straylight	41.000	132	15Rho Pup	2.8030	6900.0	82	41559	No
87	GOM_NL__2PRFIN20100210_100524_000000522086_00423_41559_4498.N1	10-FEB-2010 10:05:24	Bright	52.000	8	10Alp CMi	0.40000	6500.0	104	41559	No
88	GOM_NL__2PRFIN20100210_103140_000000442086_00423_41559_4499.N1	10-FEB-2010 10:31:40	Bright	44.000	60	7Bet UMi	2.0810	3950.0	88	41559	No
89	GOM_NL__2PRFIN20100210_103631_000000452086_00423_41559_4500.N1	10-FEB-2010 10:36:31	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	41559	No
90	GOM_NL__2PRFIN20100210_104004_000000572086_00423_41559_4501.N1	10-FEB-2010 10:40:04	Bright	57.000	130	23Bet Dra	2.7990	5800.0	114	41559	No
91	GOM_NL__2PRFIN20100210_104404_000000392086_00423_41559_4502.N1	10-FEB-2010 10:44:04	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	41559	No
92	GOM_NL__2PRFIN20100210_105051_000000342086_00423_41559_4503.N1	10-FEB-2010 10:50:51	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	41559	No
93	GOM_NL__2PRFIN20100210_105246_000000442086_00423_41559_4504.N1	10-FEB-2010 10:52:46	Bright	43.500	59	55Alp Oph	2.0800	8900.0	87	41559	No
94	GOM_NL__2PRFIN20100210_105459_000000582086_00423_41559_4505.N1	10-FEB-2010 10:54:59	Bright	58.000	126	60Bet Oph	2.7700	4250.0	116	41559	No
95	GOM_NL__2PRFIN20100210_110158_000000502086_00423_41559_4506.N1	10-FEB-2010 11:01:58	Dark	50.000	86	35Eta Oph	2.4300	10200.	100	41559	No
96	GOM_NL__2PRFIN20100210_110333_000000422086_00423_41559_4507.N1	10-FEB-2010 11:03:33	Twilight	42.000	116	19Del Sgr	2.7000	4100.0	84	41559	No
97	GOM_NL__2PRFIN20100210_110757_000000462086_00423_41559_4508.N1	10-FEB-2010 11:07:57	Dark	45.500	40	The Sco	1.8590	7100.0	91	41559	No
98	GOM_NL__2PRFIN20100210_110946_000000392086_00423_41559_4509.N1	10-FEB-2010 11:09:46	Dark	39.000	147	Alp Ara	2.8770	26000.	78	41559	No
99	GOM_NL__2PRFIN20100210_111116_000000452086_00423_41559_4510.N1	10-FEB-2010 11:11:16	Dark	44.500	141	Bet Ara	2.8400	4600.0	89	41559	No
100	GOM_NL__2PRFIN20100210_111242_000000462086_00423_41559_4503.N1	10-FEB-2010 11:12:42	Dark	45.500	131	Gam Lup	2.8000	26000.	91	41559	No
101	GOM_NL__2PRFIN20100210_111828_000000442086_00424_41560_4504.N1	10-FEB-2010 11:18:28	Dark	44.000	10	Bet Cen	0.61000	28000.	88	41560	No

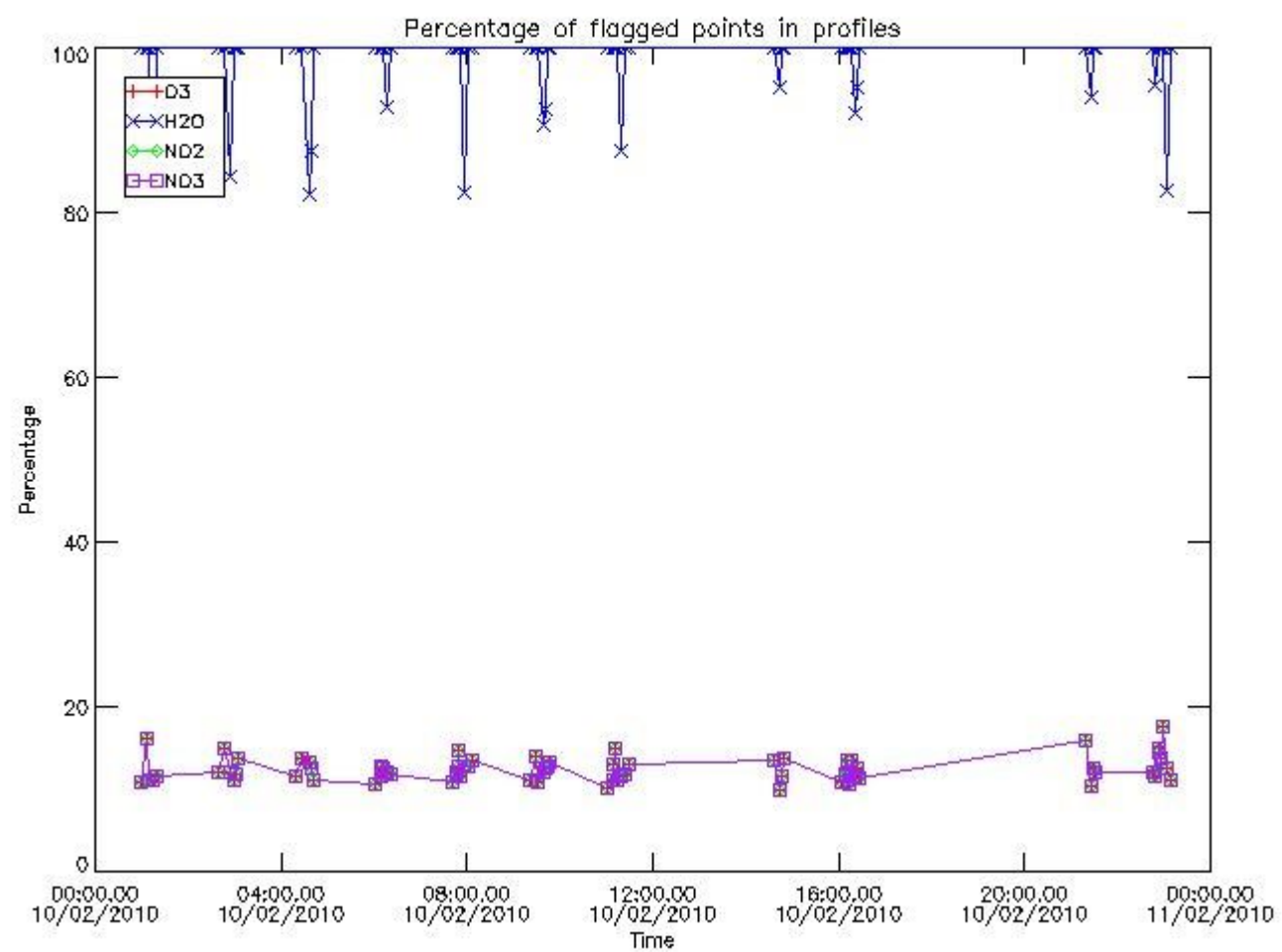
102	GOM_NL__2PRFIN20100210_112412_000000442086_00424_41560_4505.N1	10-FEB-2010 11:24:12	Dark	43.500	99	Del Cen	2.5750	26000.	87	41560	No
103	GOM_NL__2PRFIN20100210_112802_000000392086_00424_41560_4506.N1	10-FEB-2010 11:28:02	Dark	39.000	91	Kap Vel	2.4900	26000.	78	41560	No
104	GOM_NL__2PRFIN20100210_113122_000000442086_00424_41560_4507.N1	10-FEB-2010 11:31:22	Straylight	43.500	65	Lam Vel	2.2040	4400.0	87	41560	No
105	GOM_NL__2PRFIN20100210_143622_000000382086_00426_41562_4520.N1	10-FEB-2010 14:36:22	Dark	38.000	109	Bet Lup	2.6770	26000.	76	41562	No
106	GOM_NL__2PRFIN20100210_144253_000000522086_00426_41562_4521.N1	10-FEB-2010 14:42:53	Dark	52.000	12	Alp1Cru	0.77500	30000.	104	41562	No
107	GOM_NL__2PRFIN20100210_144525_000000452086_00426_41562_4522.N1	10-FEB-2010 14:45:25	Dark	44.500	99	Del Cen	2.5750	26000.	89	41562	No
108	GOM_NL__2PRFIN20100210_144915_000000372086_00426_41562_4523.N1	10-FEB-2010 14:49:15	Dark	37.000	91	Kap Vel	2.4900	26000.	74	41562	No
109	GOM_NL__2PRFIN20100210_145234_000000422086_00426_41562_4524.N1	10-FEB-2010 14:52:34	Straylight	42.000	65	Lam Vel	2.2040	4400.0	84	41562	No
110	GOM_NL__2PRFIN20100210_150712_000000462086_00426_41562_4525.N1	10-FEB-2010 15:07:12	Bright	46.000	8	10Alp CMi	0.40000	6500.0	92	41562	No
111	GOM_NL__2PRFIN20100210_151335_000000382086_00426_41562_4526.N1	10-FEB-2010 15:13:35	Bright	38.000	17	78Bet Gem	1.1610	4500.0	76	41562	No
112	GOM_NL__2PRFIN20100210_153101_000000412086_00426_41562_4527.N1	10-FEB-2010 15:31:01	Bright	41.000	49	1Alp UMi	1.9900	6300.0	82	41562	No
113	GOM_NL__2PRFIN20100210_153328_000000402086_00426_41562_4528.N1	10-FEB-2010 15:33:28	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	41562	No
114	GOM_NL__2PRFIN20100210_153818_000000452086_00426_41562_4529.N1	10-FEB-2010 15:38:18	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	41562	No
115	GOM_NL__2PRFIN20100210_154152_000000382086_00426_41562_4530.N1	10-FEB-2010 15:41:52	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	41562	No
116	GOM_NL__2PRFIN20100210_155240_000000522086_00426_41562_4531.N1	10-FEB-2010 15:52:40	Bright	52.000	168	17Zet Aql	2.9860	11000.	104	41562	No
117	GOM_NL__2PRFIN20100210_155435_000000452086_00426_41562_4532.N1	10-FEB-2010 15:54:35	Bright	44.500	59	55Alp Oph	2.0800	8900.0	89	41562	No
118	GOM_NL__2PRFIN20100210_155648_000000442086_00426_41562_4533.N1	10-FEB-2010 15:56:48	Bright	43.500	126	60Bet Oph	2.7700	4250.0	87	41562	No
119	GOM_NL__2PRFIN20100210_160348_000000482086_00426_41562_4534.N1	10-FEB-2010 16:03:48	Dark	47.500	86	35Eta Oph	2.4300	10200.	95	41562	No
120	GOM_NL__2PRFIN20100210_160521_000000432086_00426_41562_4535.N1	10-FEB-2010 16:05:21	Twilight	42.500	116	19Del Sgr	2.7000	4100.0	85	41562	No
121	GOM_NL__2PRFIN20100210_160825_000000452086_00426_41562_4536.N1	10-FEB-2010 16:08:25	Dark	44.500	25	35Lam Sco	1.6200	28000.	89	41562	No
122	GOM_NL__2PRFIN20100210_160947_000000442086_00426_41562_4537.N1	10-FEB-2010 16:09:47	Dark	43.500	40	The Sco	1.8590	7100.0	87	41562	No
123	GOM_NL__2PRFIN20100210_161135_000000382086_00426_41562_4538.N1	10-FEB-2010 16:11:35	Dark	38.000	147	Alp Ara	2.8770	26000.	76	41562	No
124	GOM_NL__2PRFIN20100210_161305_000000492086_00426_41562_4539.N1	10-FEB-2010 16:13:05	Dark	48.500	141	Bet Ara	2.8400	4600.0	97	41562	No
125	GOM_NL__2PRFIN20100210_161433_000000462086_00426_41562_4548.N1	10-FEB-2010 16:14:33	Dark	45.500	131	Gam Lup	2.8000	26000.	91	41562	No
126	GOM_NL__2PRFIN20100210_161659_000000382086_00427_41563_4549.N1	10-FEB-2010 16:16:59	Dark	38.000	109	Bet Lup	2.6770	26000.	76	41563	No
127	GOM_NL__2PRFIN20100210_162017_000000442086_00427_41563_4550.N1	10-FEB-2010 16:20:17	Dark	44.000	10	Bet Cen	0.61000	28000.	88	41563	No
128	GOM_NL__2PRFIN20100210_162330_000000412086_00427_41563_4551.N1	10-FEB-2010 16:23:30	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	41563	No
129	GOM_NL__2PRFIN20100210_162602_000000452086_00427_41563_4552.N1	10-FEB-2010 16:26:02	Dark	44.500	99	Del Cen	2.5750	26000.	89	41563	No
130	GOM_NL__2PRFIN20100210_163919_000000402086_00427_41563_4553.N1	10-FEB-2010 16:39:19	Straylight	40.000	132	15Rho Pup	2.8030	6900.0	80	41563	No
131	GOM_NL__2PRFIN20100210_164325_000000552086_00427_41563_4554.N1	10-FEB-2010 16:43:25	Straylight	54.500	48	30Alp Hya	1.9770	4100.0	109	41563	No
132	GOM_NL__2PRFIN20100210_171403_000000412086_00427_41563_4555.N1	10-FEB-2010 17:14:03	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	41563	No
133	GOM_NL__2PRFIN20100210_171854_000000452086_00427_41563_4556.N1	10-FEB-2010 17:18:54	Bright	44.500	119	14Eta Dra	2.7270	4700.0	89	41563	No
134	GOM_NL__2PRFIN20100210_172227_000000422086_00427_41563_4557.N1	10-FEB-2010 17:22:27	Bright	42.000	130	23Bet Dra	2.7990	5800.0	84	41563	No
135	GOM_NL__2PRFIN20100210_172629_000000322086_00427_41563_4558.N1	10-FEB-2010 17:26:29	Bright	31.500	5	3Alp Lyr	0.033000	11000.	63	41563	No
136	GOM_NL__2PRFIN20100210_211850_000000322086_00430_41566_4574.N1	10-FEB-2010 21:18:50	Dark	32.000	109	Bet Lup	2.6770	26000.	64	41566	No
137	GOM_NL__2PRFIN20100210_212519_000000502086_00430_41566_4575.N1	10-FEB-2010 21:25:19	Dark	49.500	12	Alp1Cru	0.77500	30000.	99	41566	No
138	GOM_NL__2PRFIN20100210_212751_000000452086_00430_41566_4576.N1	10-FEB-2010 21:27:51	Dark	44.500	99	Del Cen	2.5750	26000.	89	41566	No
139	GOM_NL__2PRFIN20100210_213140_000000432086_00430_41566_4577.N1	10-FEB-2010 21:31:40	Dark	42.500	91	Kap Vel	2.4900	26000.	85	41566	No
140	GOM_NL__2PRFIN20100210_213459_000000482086_00430_41566_4578.N1	10-FEB-2010 21:34:59	Straylight	47.500	65	Lam Vel	2.2040	4400.0	95	41566	No
141	GOM_NL__2PRFIN20100210_214936_000000522086_00430_41566_4579.N1	10-FEB-2010 21:49:36	Bright	52.000	8	10Alp CMi	0.40000	6500.0	104	41566	No
142	GOM_NL__2PRFIN20100210_215559_000000392086_00430_41566_4580.N1	10-FEB-2010 21:55:59	Bright	39.000	17	78Bet Gem	1.1610	4500.0	78	41566	No
143	GOM_NL__2PRFIN20100210_221550_000000422086_00430_41566_4581.N1	10-FEB-2010 22:15:50	Bright	42.000	60	7Bet UMi	2.0810	3950.0	84	41566	No
144	GOM_NL__2PRFIN20100210_222041_000000442086_00430_41566_4582.N1	10-FEB-2010 22:20:41	Bright	43.500	119	14Eta Dra	2.7270	4700.0	87	41566	No
145	GOM_NL__2PRFIN20100210_222415_000000402086_00430_41566_4583.N1	10-FEB-2010 22:24:15	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	41566	No
146	GOM_NL__2PRFIN20100210_222817_000000262086_00430_41566_4584.N1	10-FEB-2010 22:28:17	Twilight	26.000	5	3Alp Lyr	0.033000	11000.	52	41566	No
147	GOM_NL__2PRFIN20100210_223913_000000462086_00430_41566_4585.N1	10-FEB-2010 22:39:13	Bright	45.500	126	60Bet Oph	2.7700	4250.0	91	41566	No
148	GOM_NL__2PRFIN20100210_224615_000000512086_00430_41566_4586.N1	10-FEB-2010 22:46:15	Dark	51.000	86	35Eta Oph	2.4300	10200.	102	41566	No
149	GOM_NL__2PRFIN20100210_224746_000000452086_00430_41566_4587.N1	10-FEB-2010 22:47:46	Dark	44.500	116	19Del Sgr	2.7000	4100.0	89	41566	No
150	GOM_NL__2PRFIN20100210_225212_000000492086_00430_41566_4588.N1	10-FEB-2010 22:52:12	Dark	49.000	40	The Sco	1.8590	7100.0	98	41566	No
151	GOM_NL__2PRFIN20100210_225400_000000382086_00430_41566_4589.N1	10-FEB-2010 22:54:00	Dark	37.500	147	Alp Ara	2.8770	26000.	75	41566	No
152	GOM_NL__2PRFIN20100210_225530_000000372086_00430_41566_4590.N1	10-FEB-2010 22:55:30	Dark	37.000	141	Bet Ara	2.8400	4600.0	74	41566	No
153	GOM_NL__2PRFIN20100210_225927_000000322086_00431_41567_4582.N1	10-FEB-2010 22:59:27	Dark	32.000	109	Bet Lup	2.6770	26000.	64	41567	No
154	GOM_NL__2PRFIN20100210_230243_000000412086_00431_41567_4583.N1	10-FEB-2010 23:02:43	Dark	41.000	10	Bet Cen	0.61000	28000.	82	41567	No
155	GOM_NL__2PRFIN20100210_230828_000000462086_00431_41567_4584.N1	10-FEB-2010 23:08:28	Dark	45.500	99	Del Cen	2.5750	26000.	91	41567	No
156	GOM_NL__2PRFIN20100210_231535_000000452086_00431_41567_4585.N1	10-FEB-2010 23:15:35	Straylight	45.000	65	Lam Vel	2.2040	4400.0	90	41567	No
157	GOM_NL__2PRFIN20100210_232143_000000422086_00431_41567_4586.N1	10-FEB-2010 23:21:43	Straylight	42.000	132	15Rho Pup	2.8030	6900.0	84	41567	No
158	GOM_NL__2PRFIN20100210_232549_000000532086_00431_41567_4587.N1	10-FEB-2010 23:25:49	Straylight	52.500	48	30Alp Hya	1.9770	4100.0	105	41567	No
159	GOM_NL__2PRFIN20100210_233013_000000492086_00431_41567_4588.N1	10-FEB-2010 23:30:13	Bright	48.500	8	10Alp CMi	0.40000	6500.0	97	41567	No
160	GOM_NL__2PRFIN20100210_233635_000000402086_00431_41567_4589.N1	10-FEB-2010 23:36:35	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	41567	No

161	GOM_NL__2PRFIN20100210_235400_000000382086_00431_41567_4590.N1	10-FEB-2010 23:54:00	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	41567	No
162	GOM_NL__2PRFIN20100210_235626_000000422086_00431_41567_4591.N1	10-FEB-2010 23:56:26	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	41567	No

3. Quality information per product

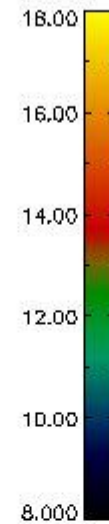
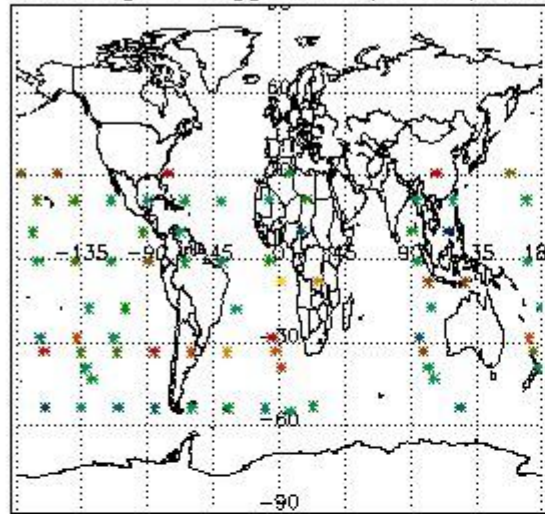
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

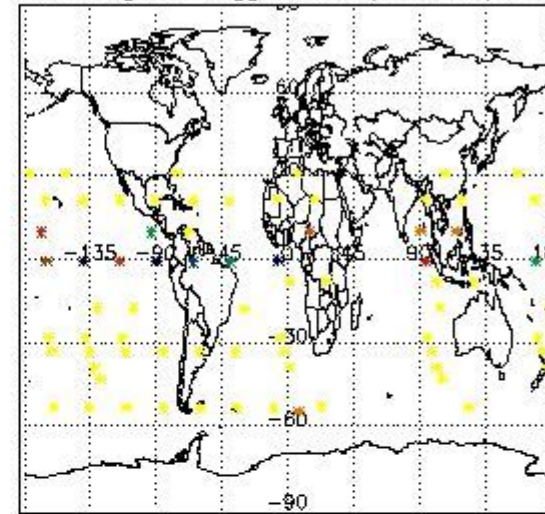


3.2 Plot quality information per product (world map)

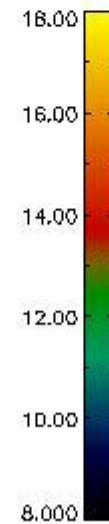
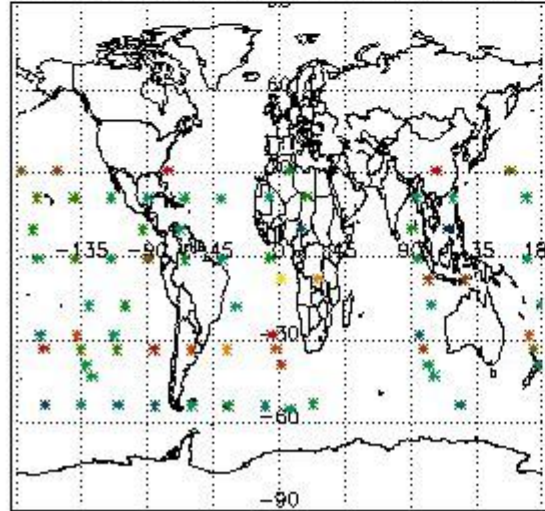
Percentage of flagged data per O3 profile



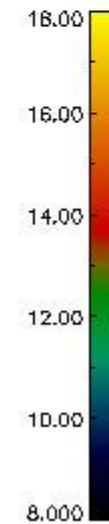
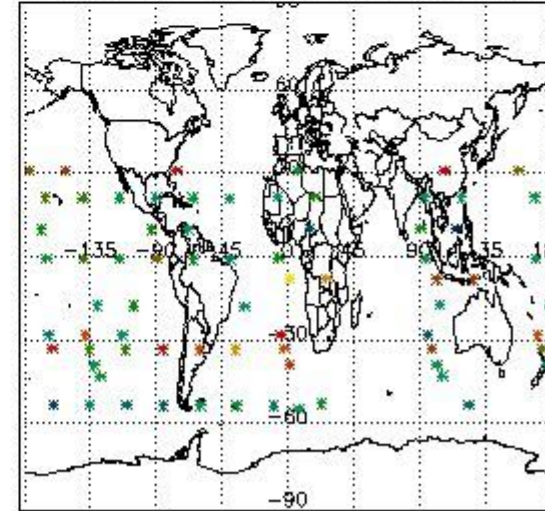
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

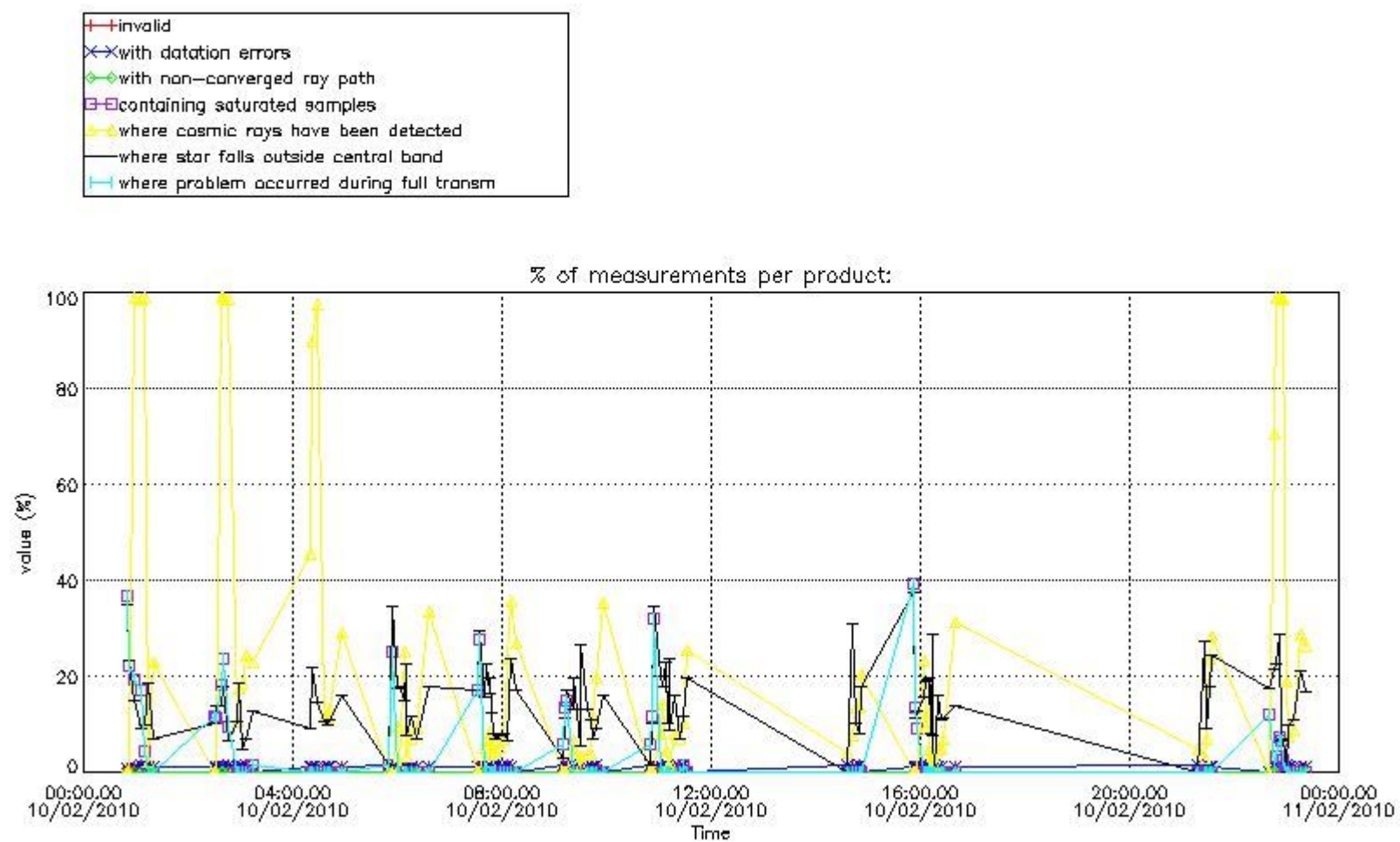


4. Level 1 quality information per product

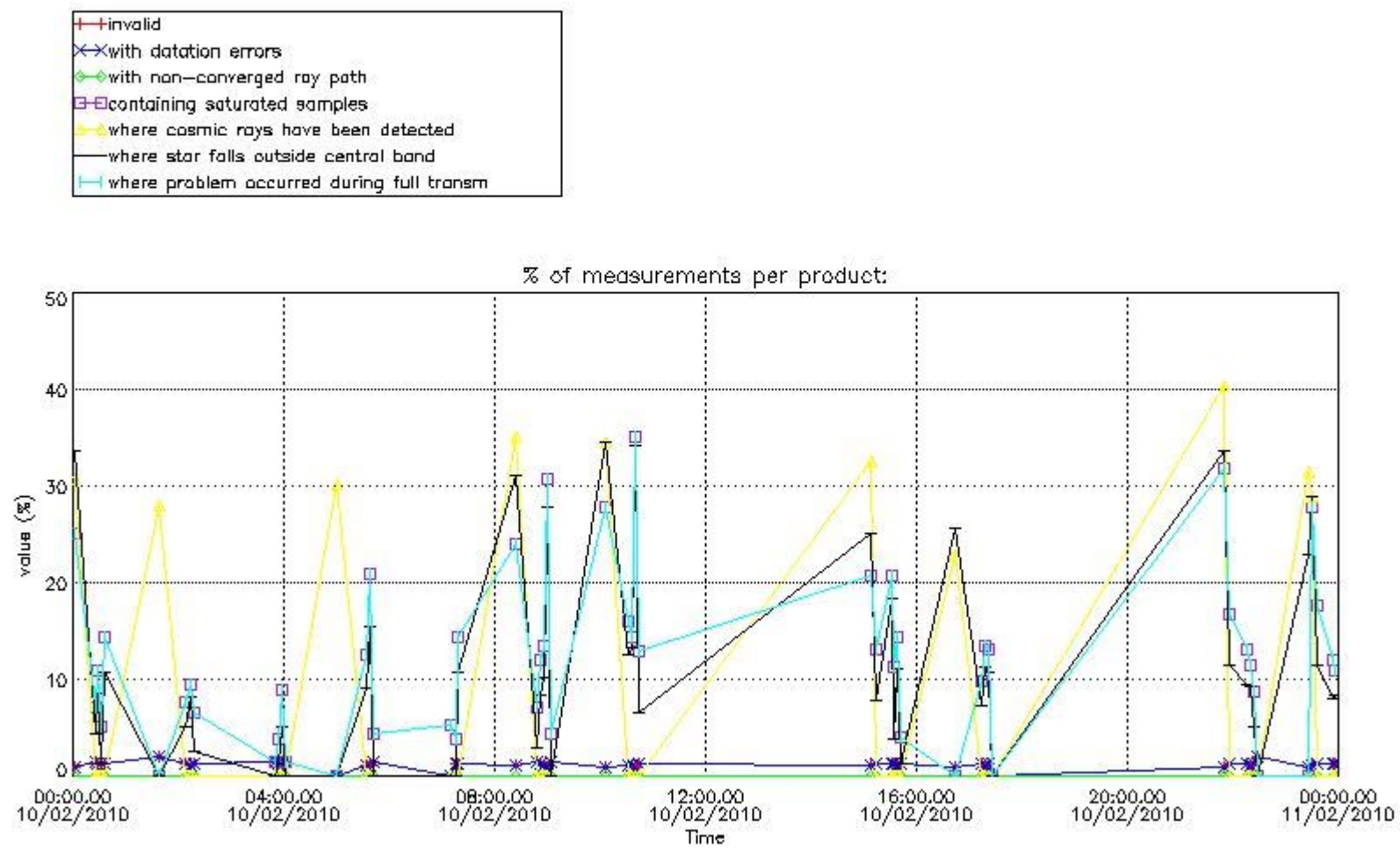
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

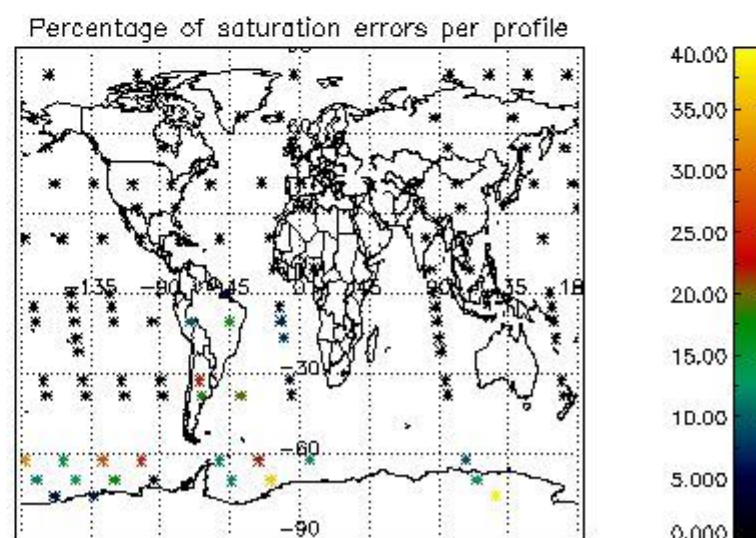
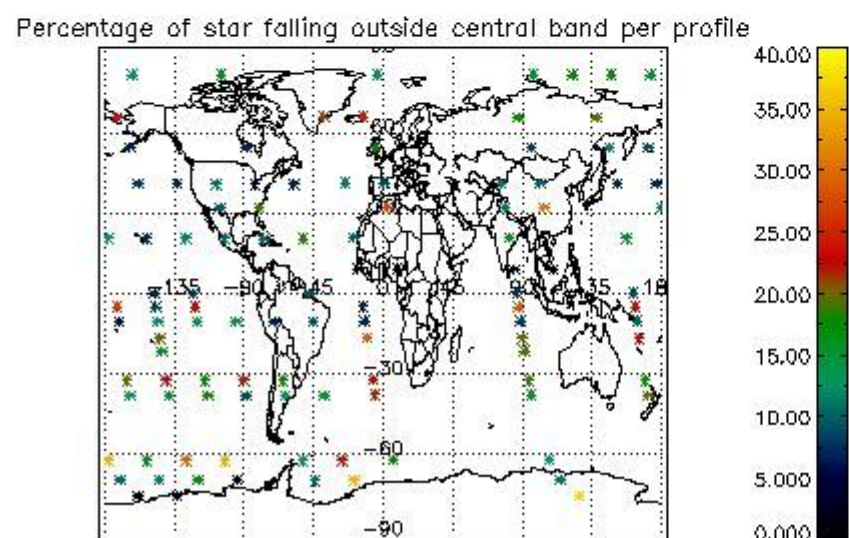
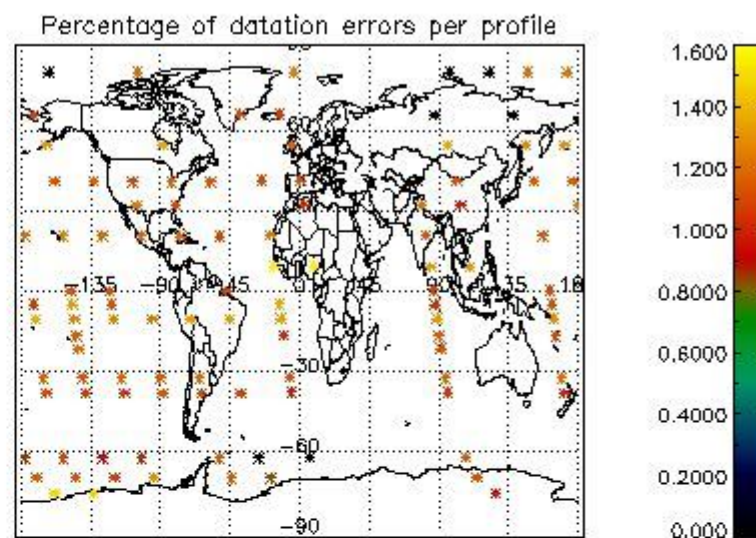
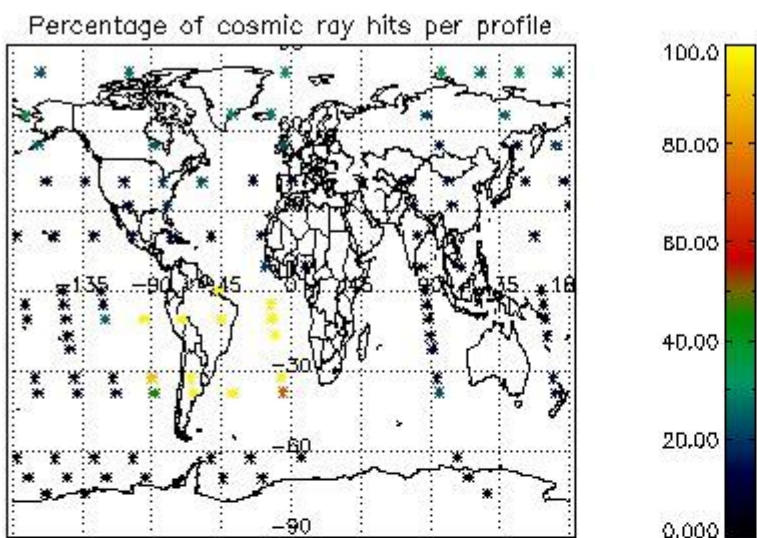


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

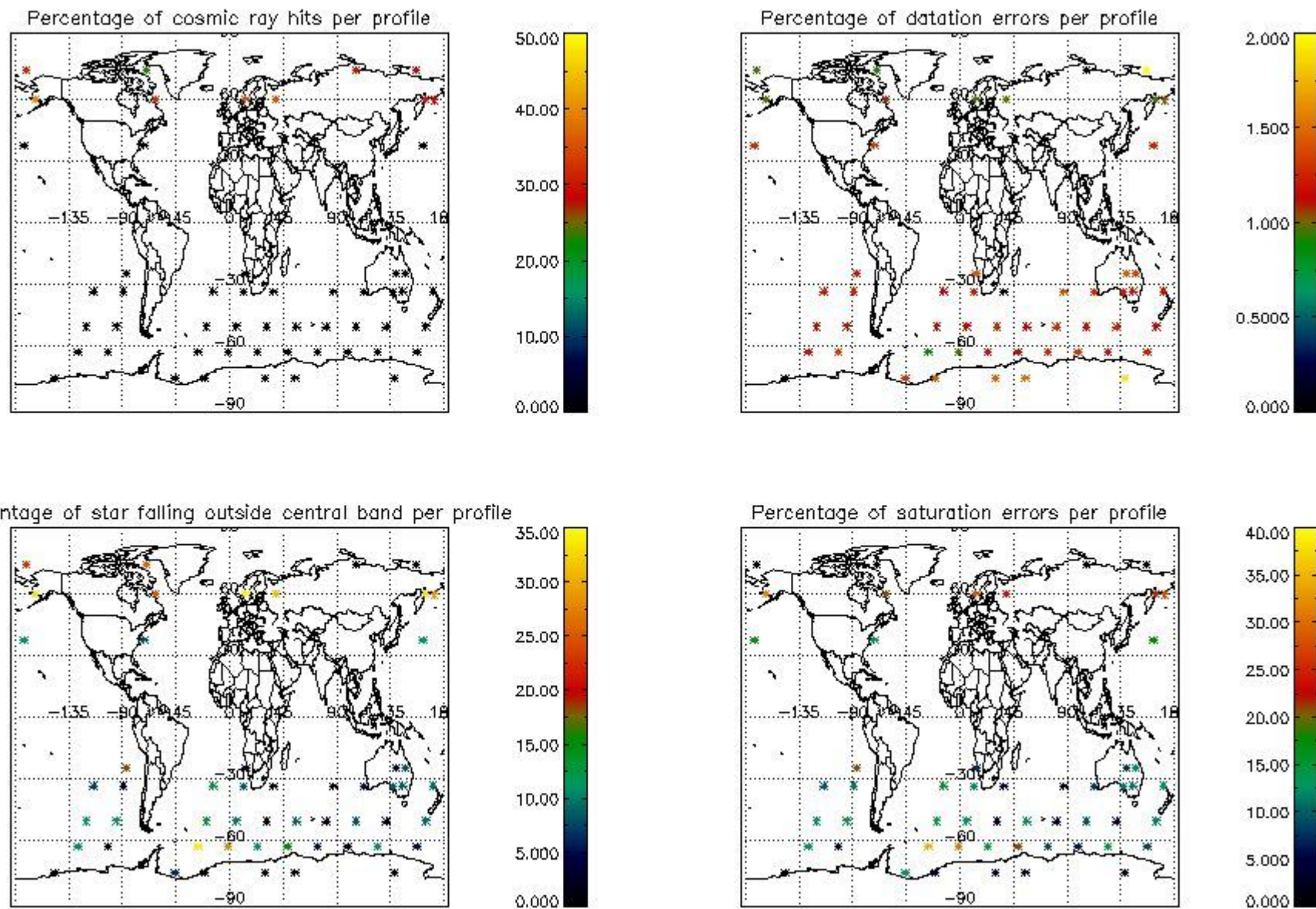


4.2 Plot quality information per product coming from level 1b processing (world map)

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

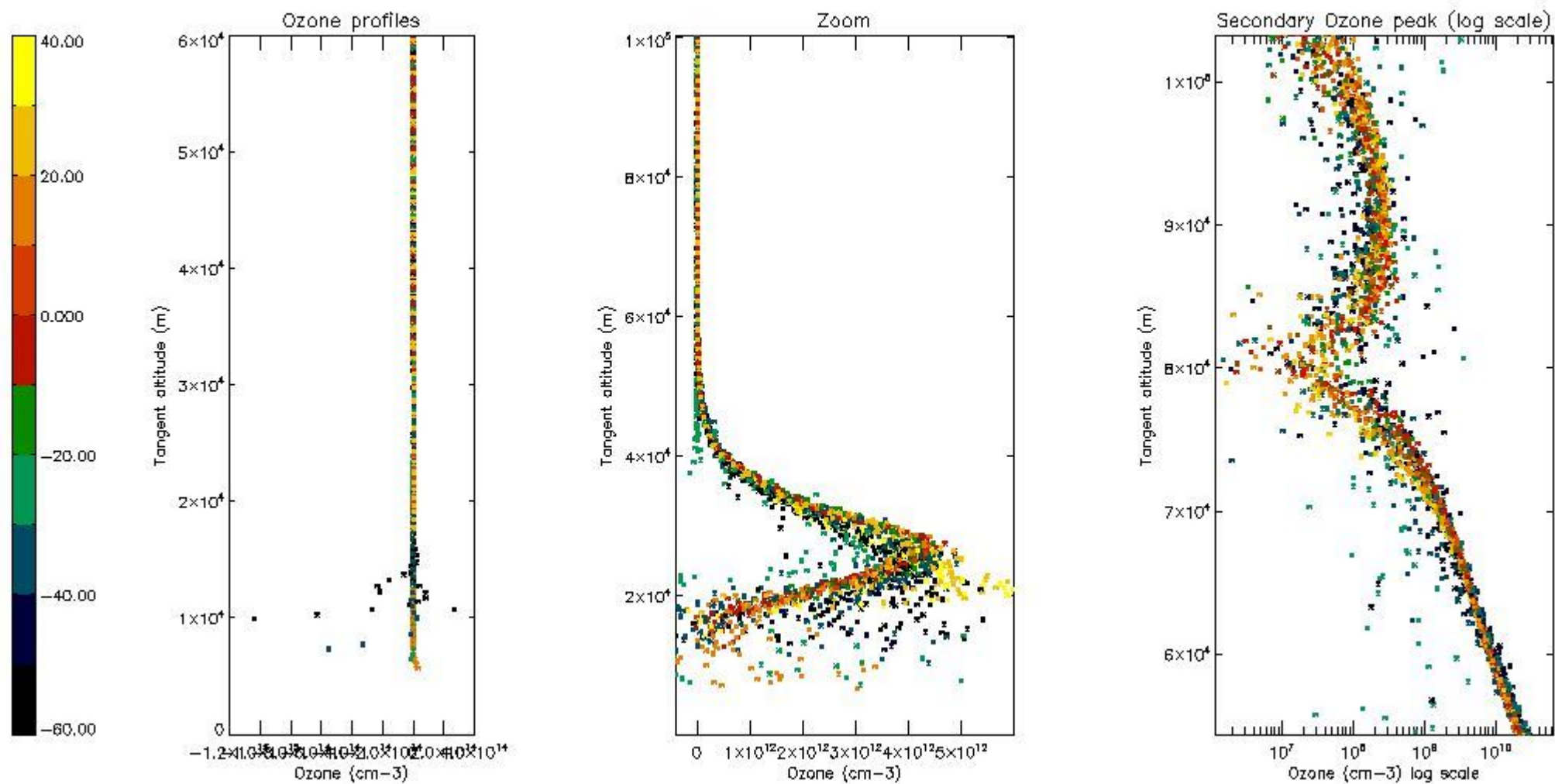
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	45
STD < 20	25

STD < 10	20
STD < 5	14

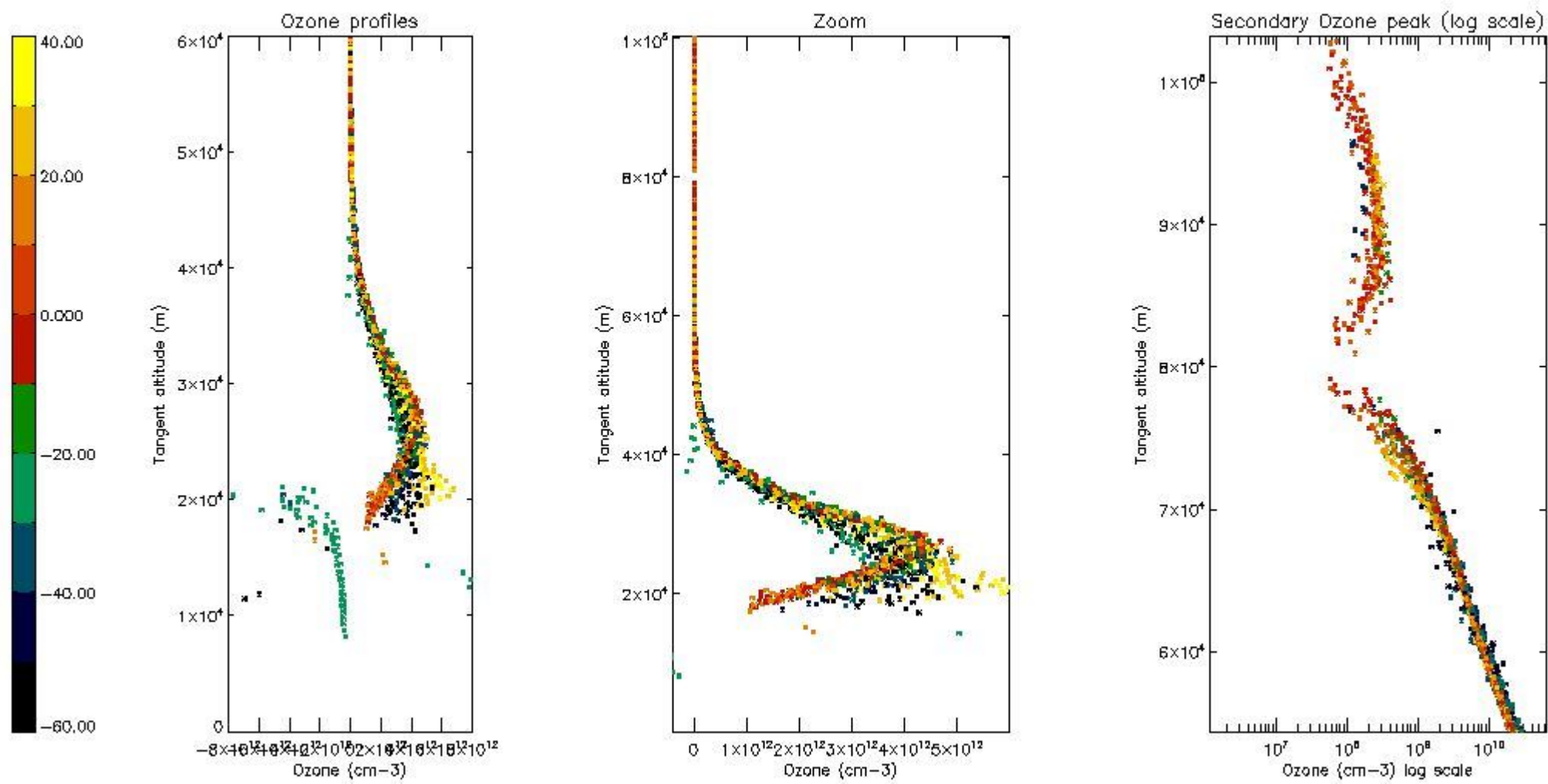
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



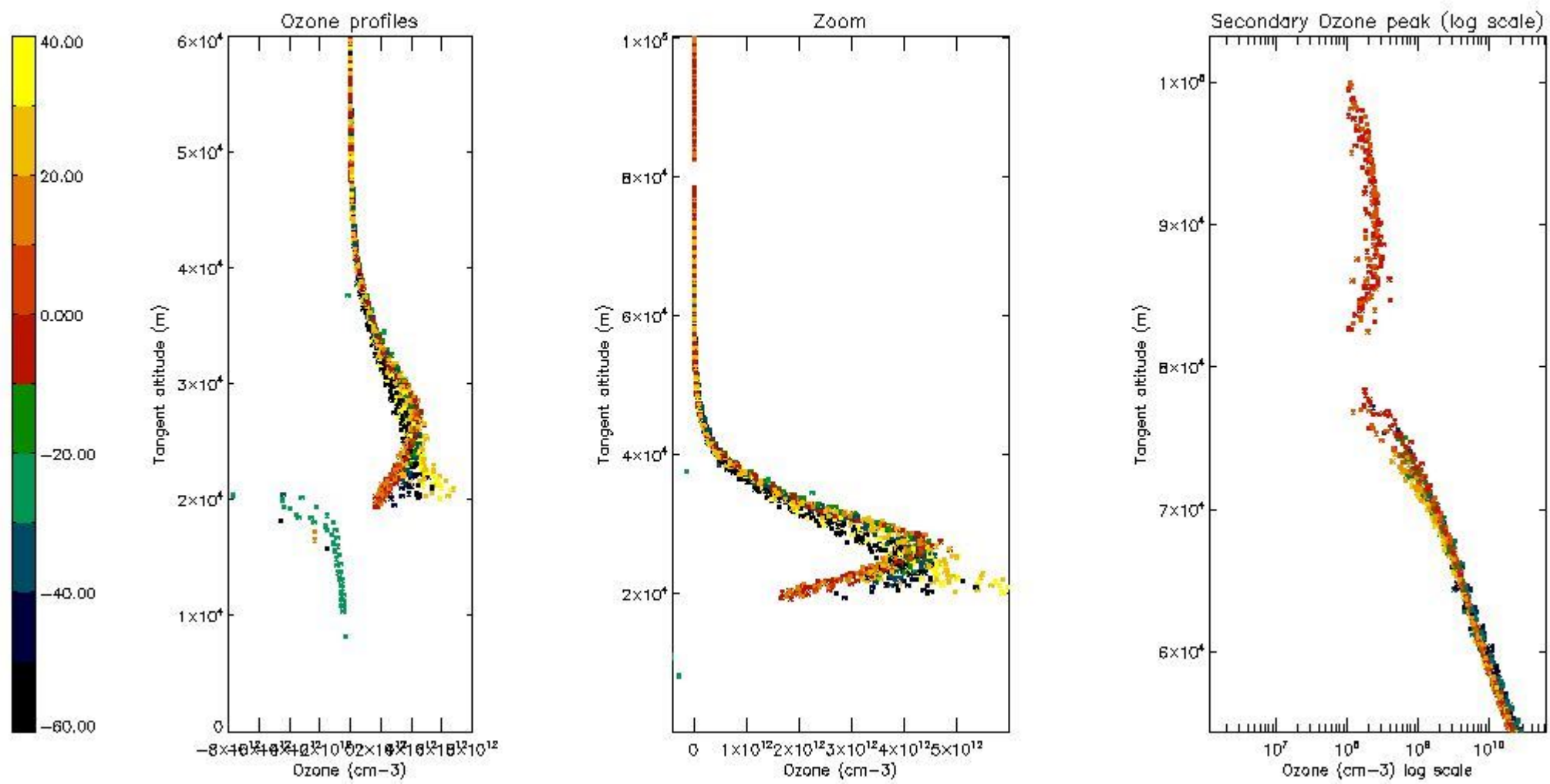
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



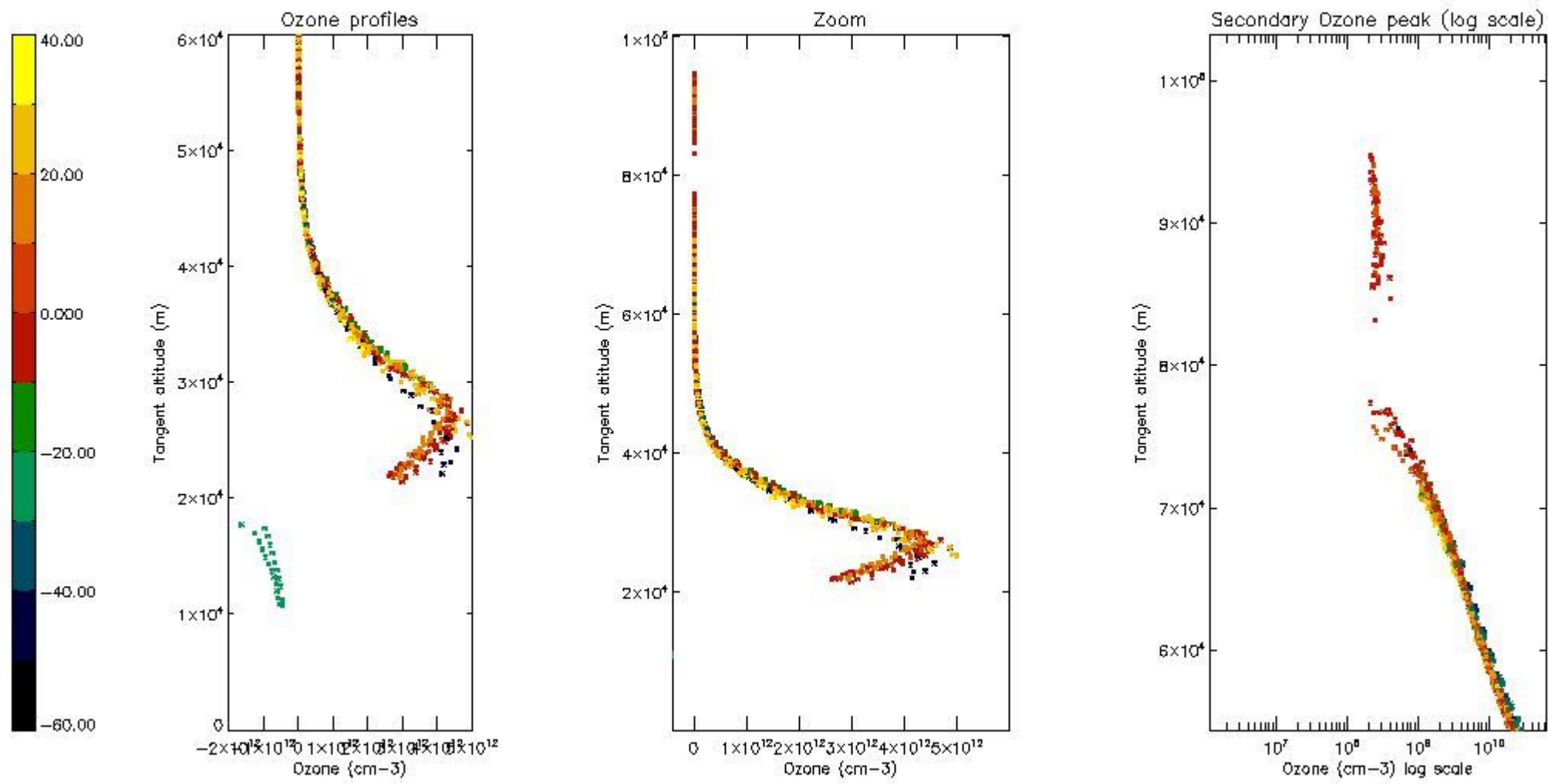
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



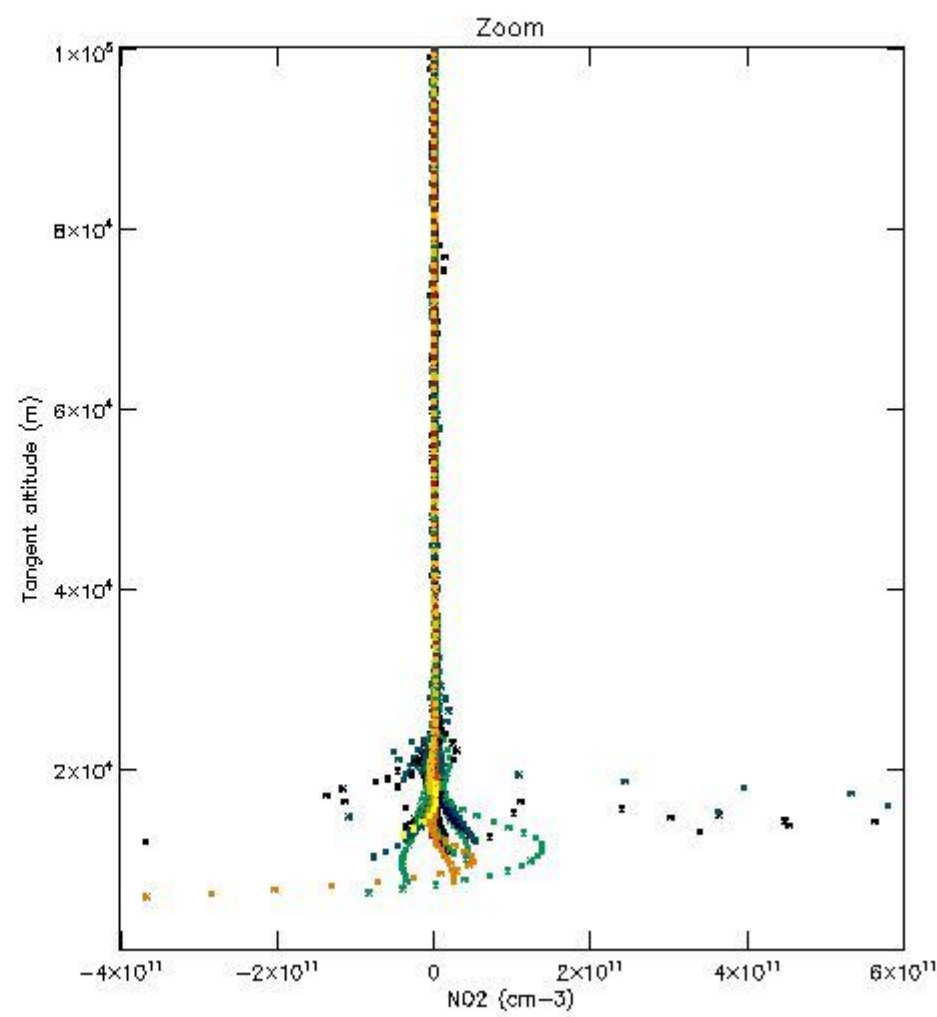
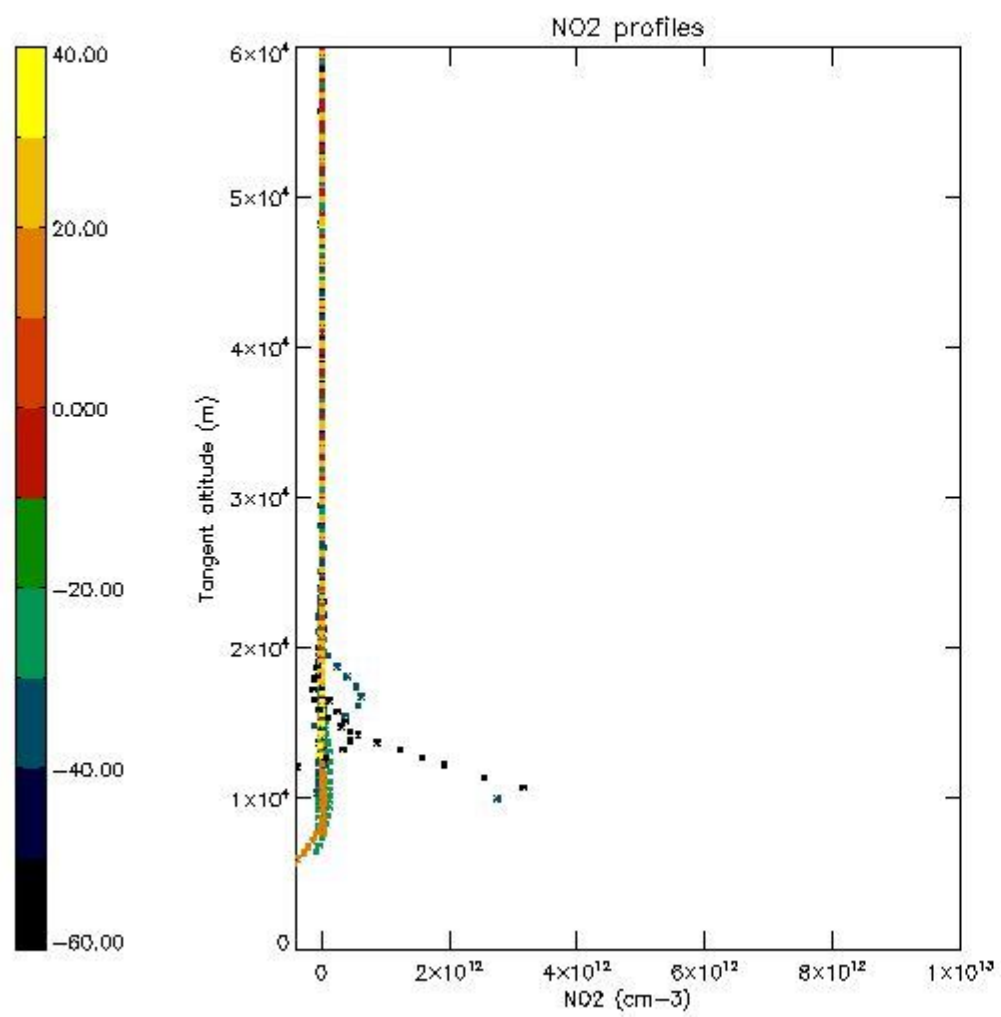
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



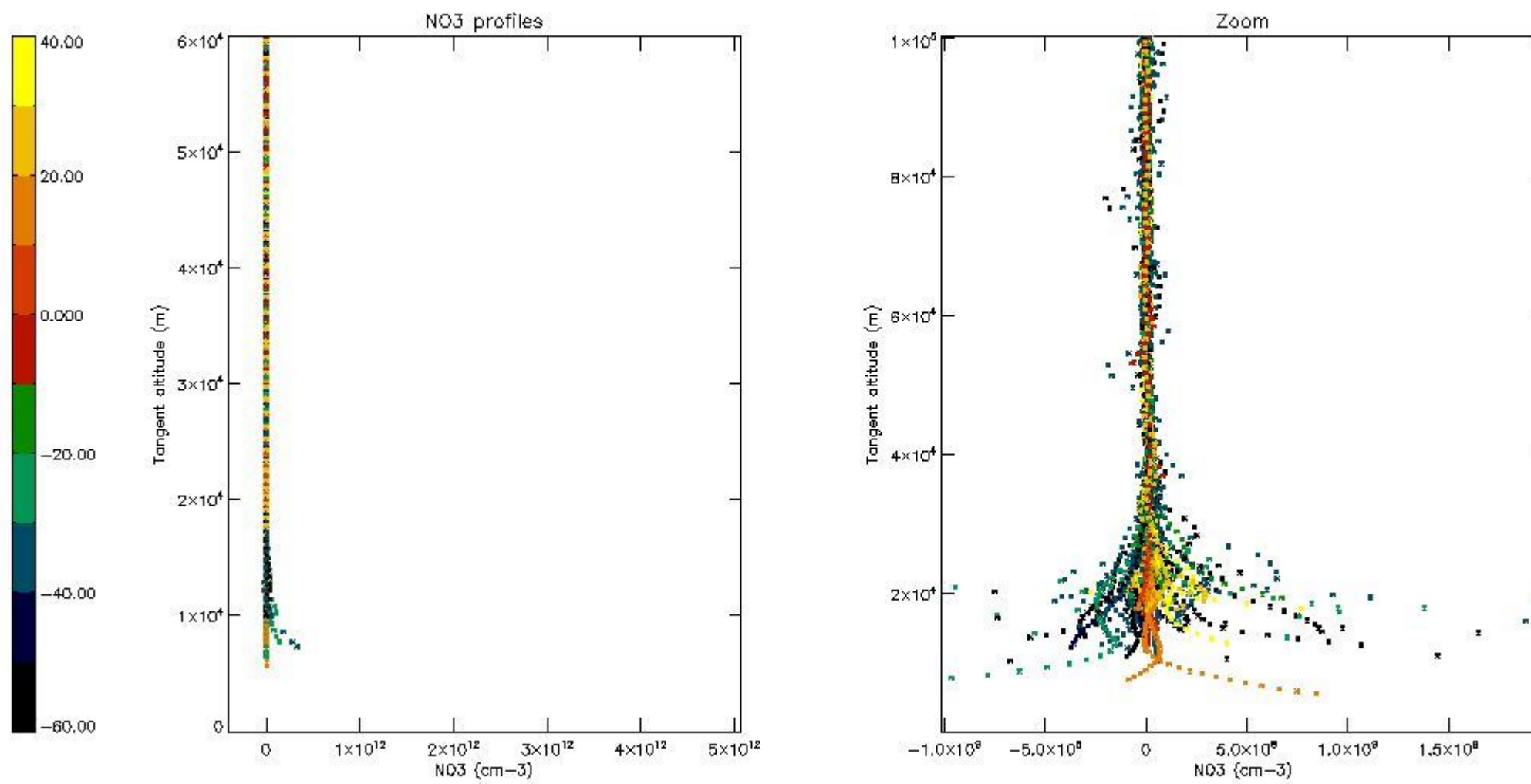
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

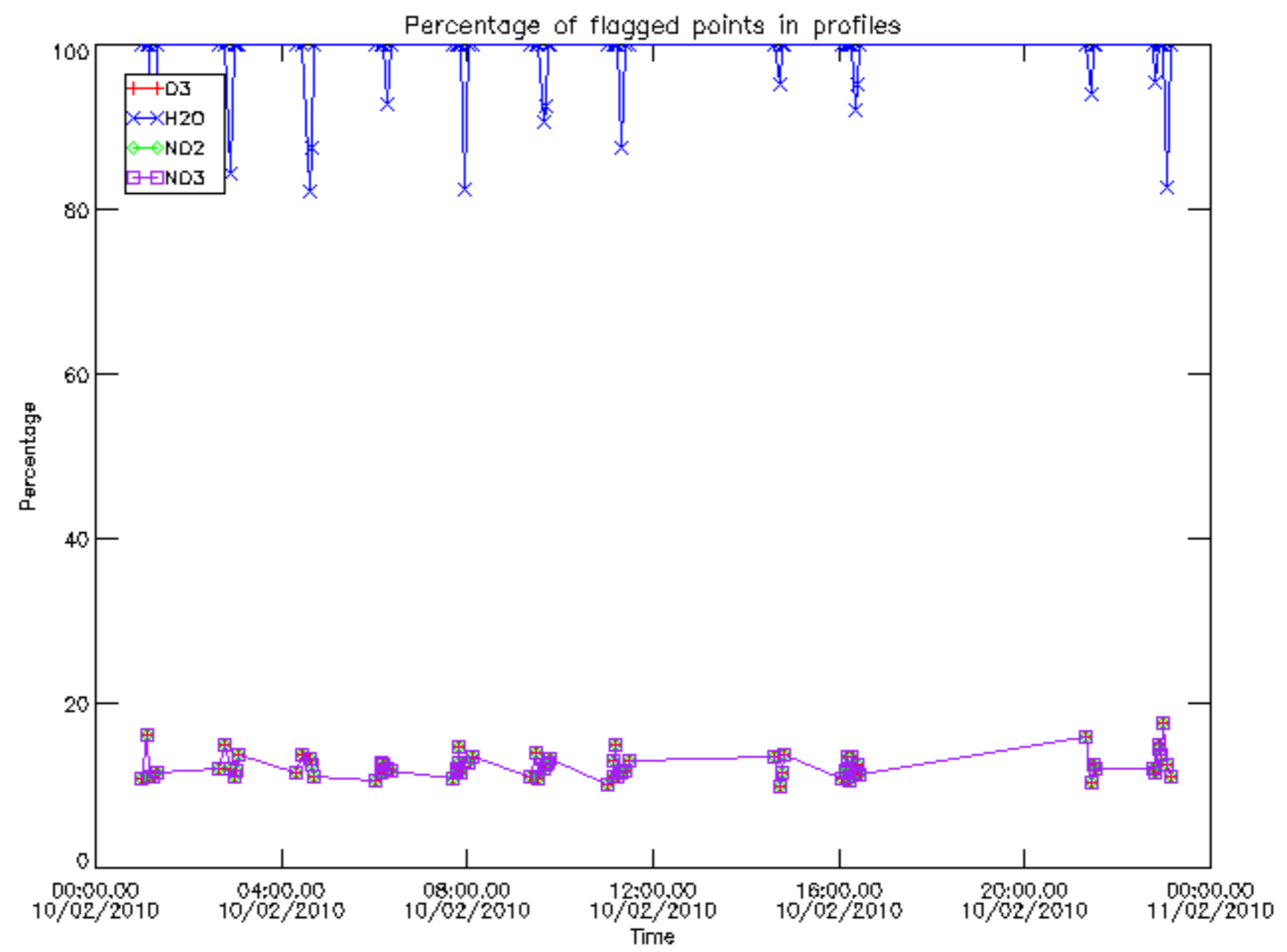
The colorbar represents the latitude.



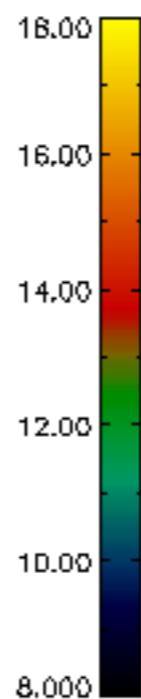
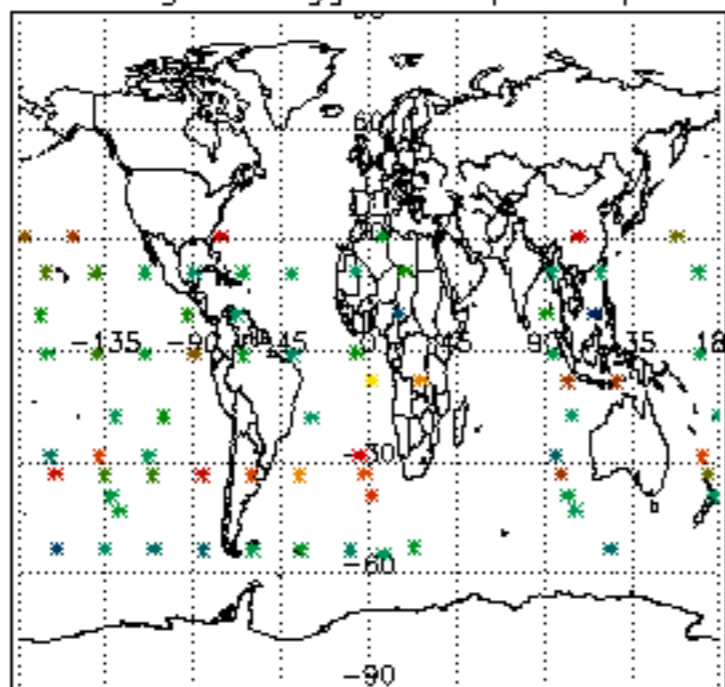
6. Auxiliary Data Files used for the production reported in section 2

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.

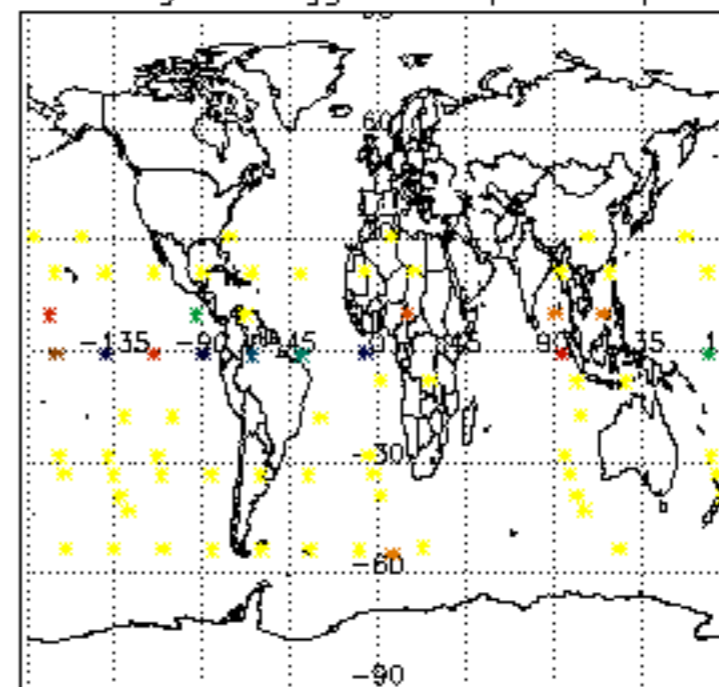
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	10-FEB-2010 00:01:48
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	10-FEB-2010 00:01:48
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	10-FEB-2010 00:01:48



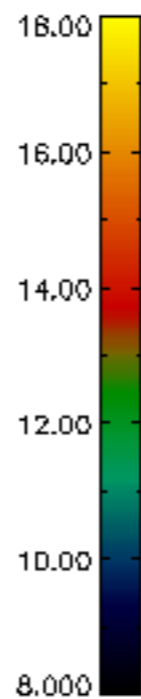
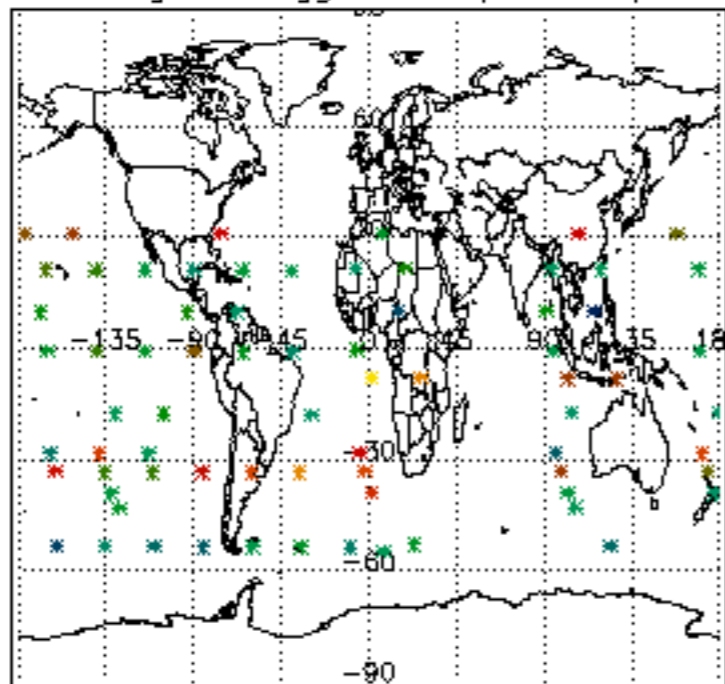
Percentage of flagged data per D3 profile



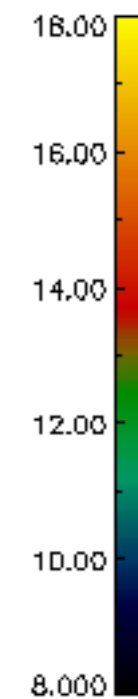
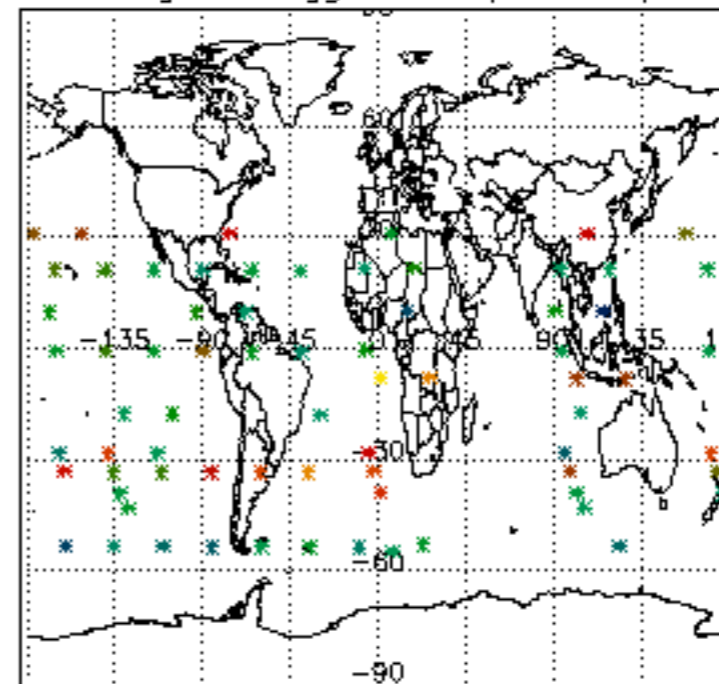
Percentage of flagged data per H2O profile

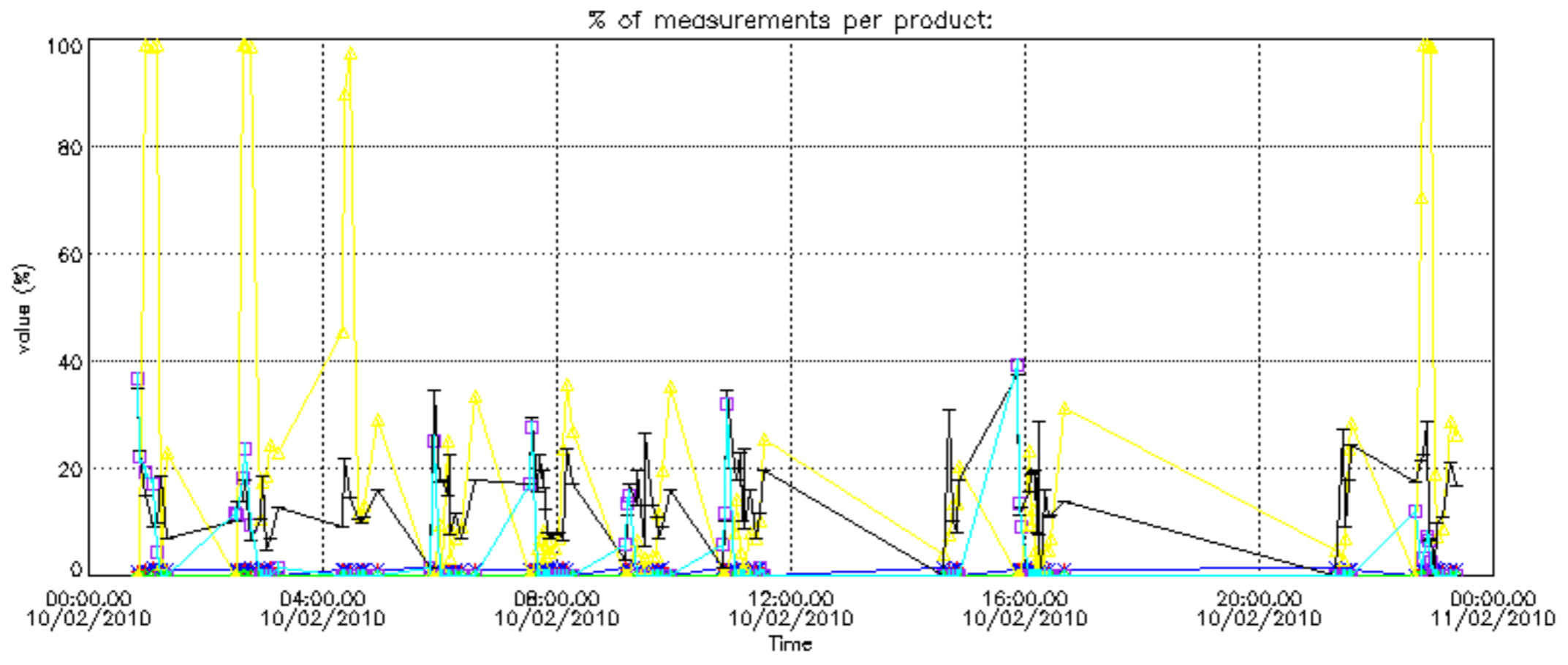


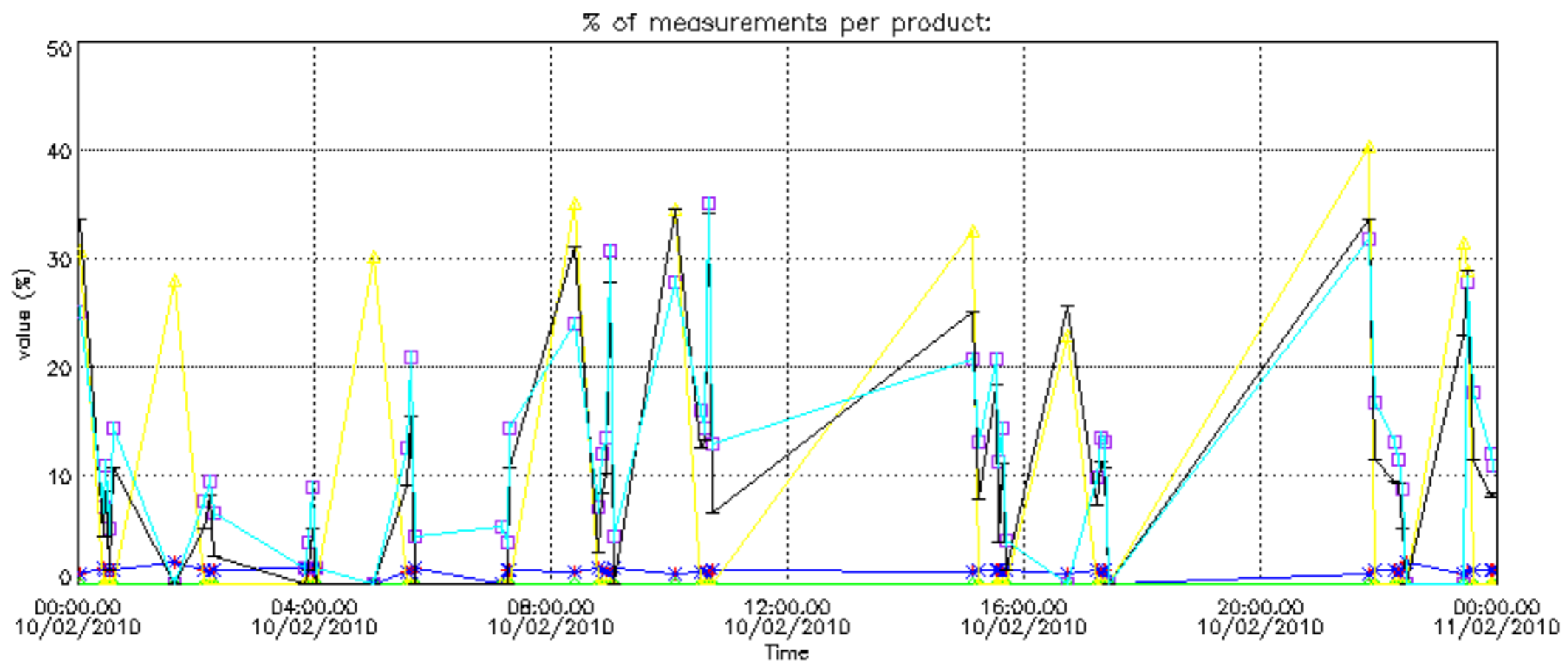
Percentage of flagged data per NO2 profile



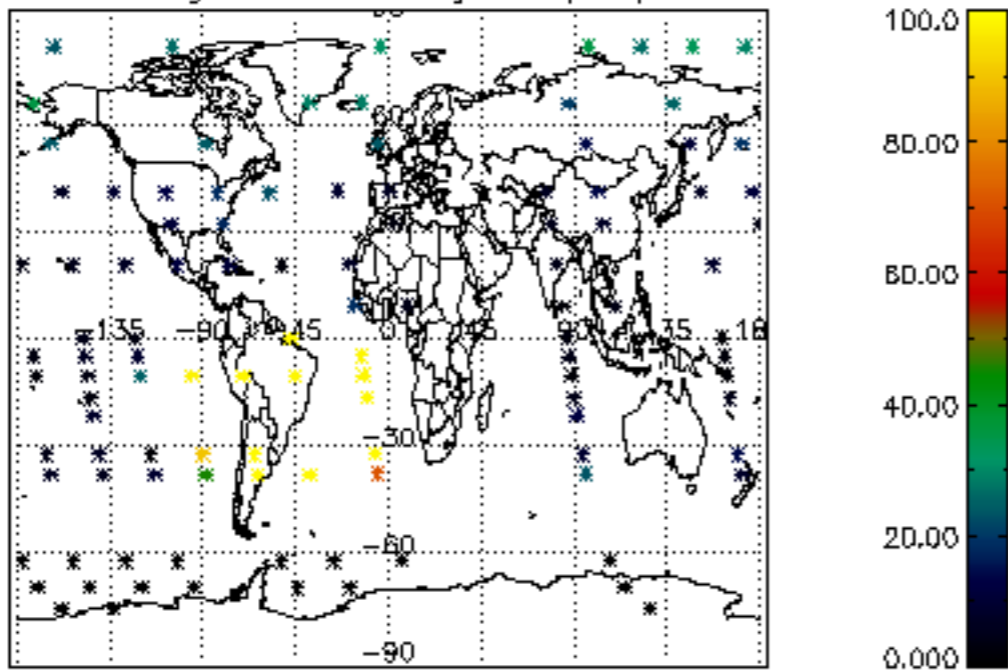
Percentage of flagged data per NO3 profile



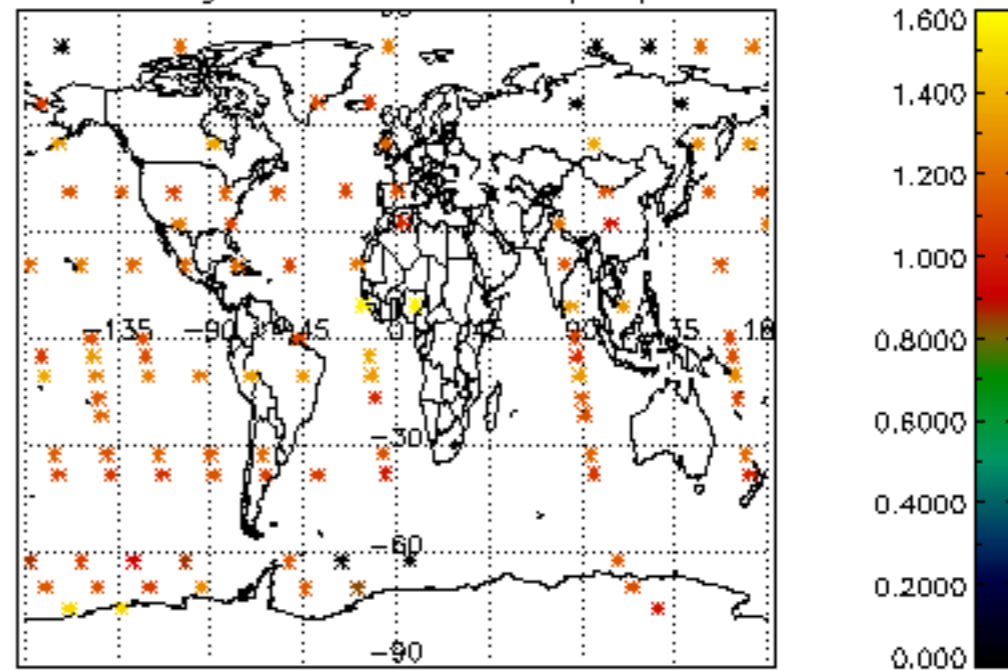




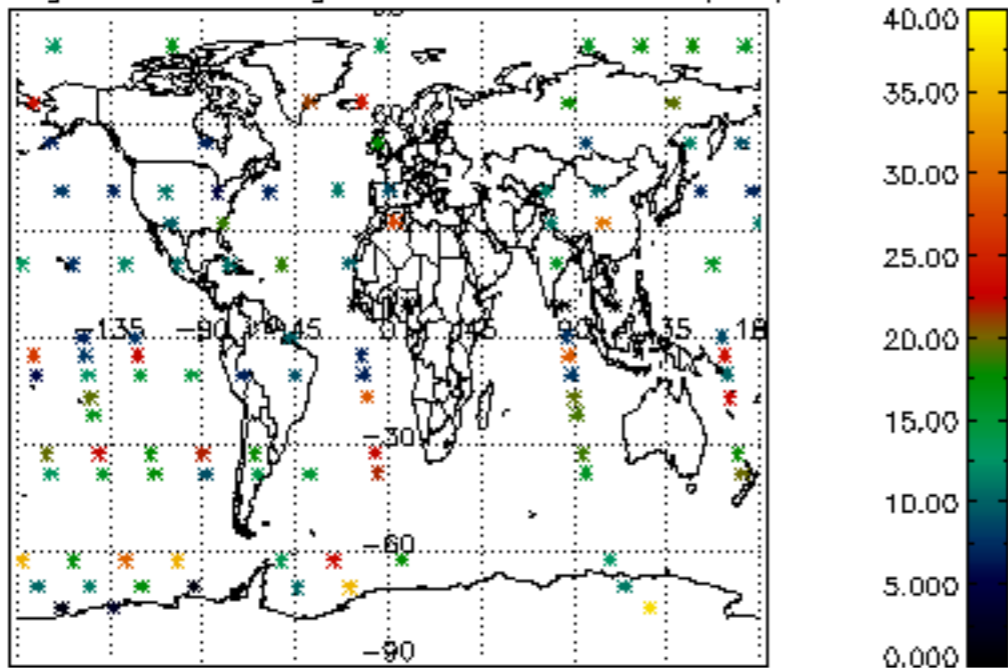
Percentage of cosmic ray hits per profile



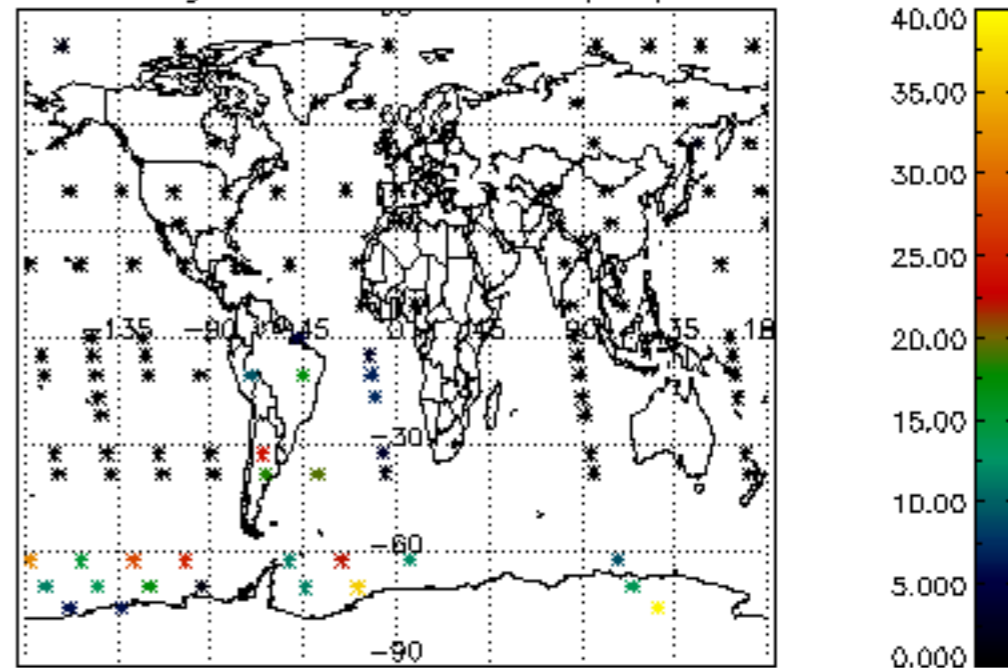
Percentage of datation errors per profile



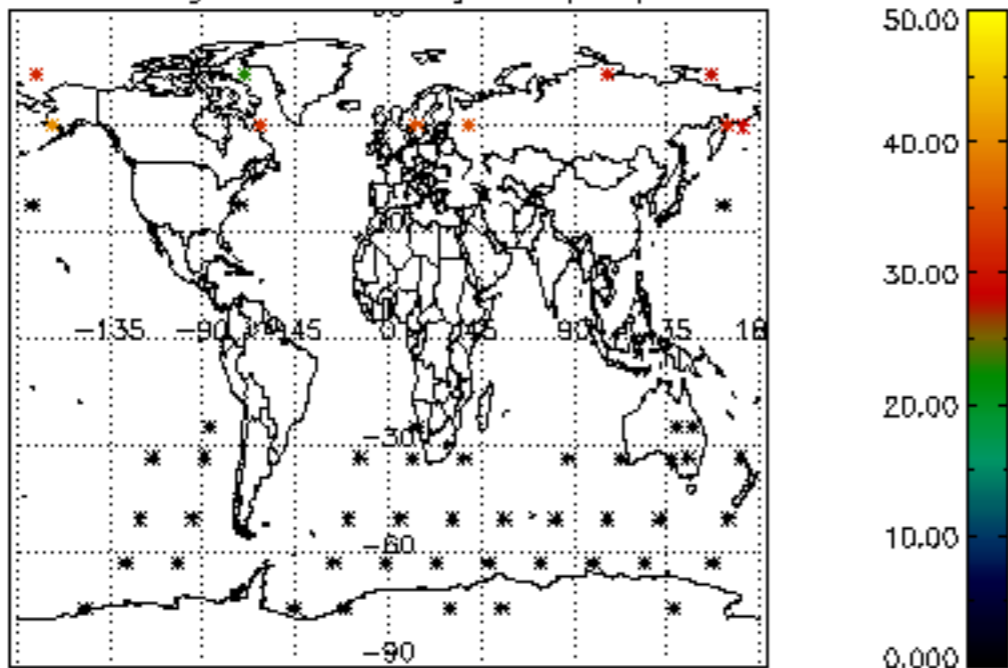
Percentage of star falling outside central band per profile



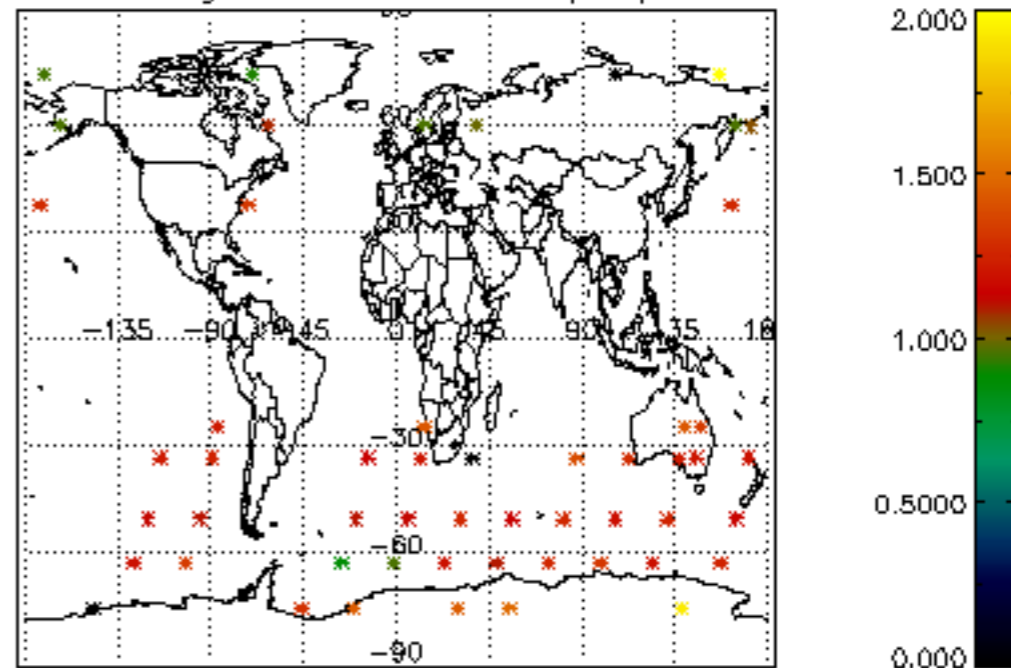
Percentage of saturation errors per profile



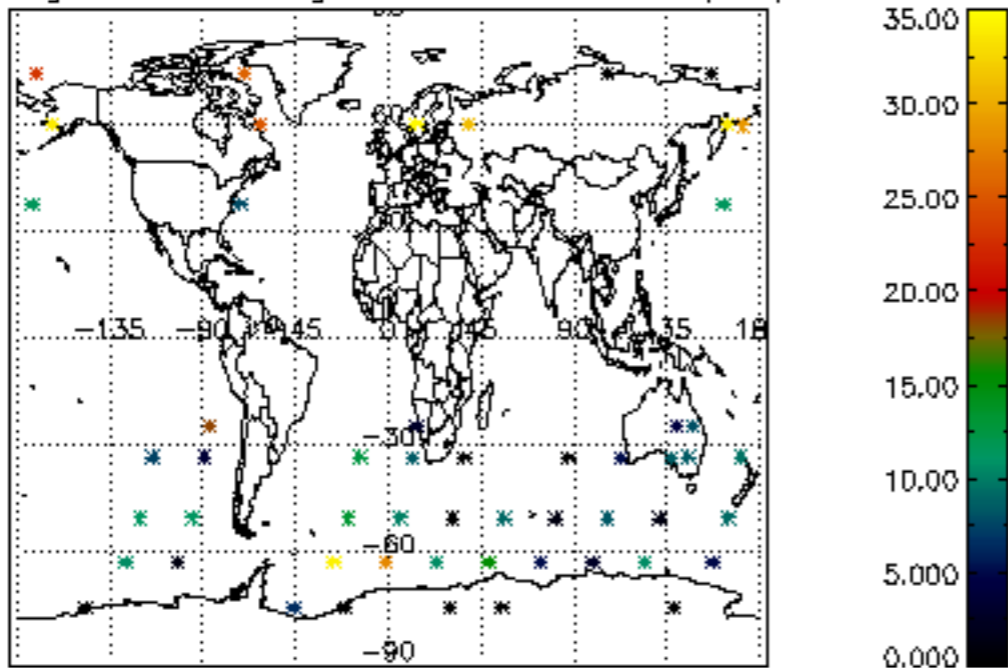
Percentage of cosmic ray hits per profile



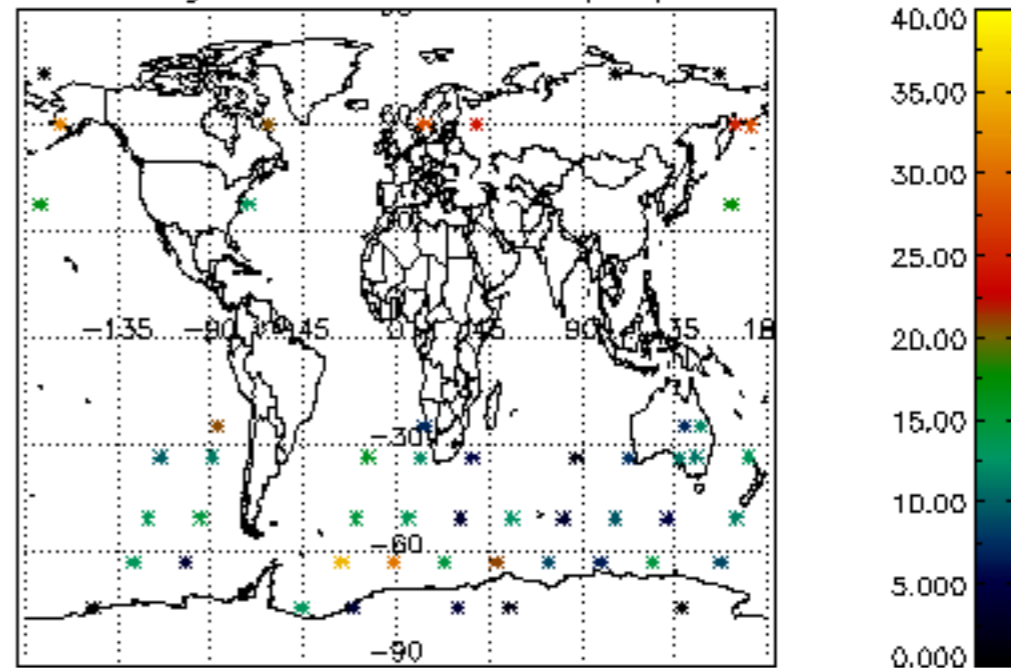
Percentage of datation errors per profile

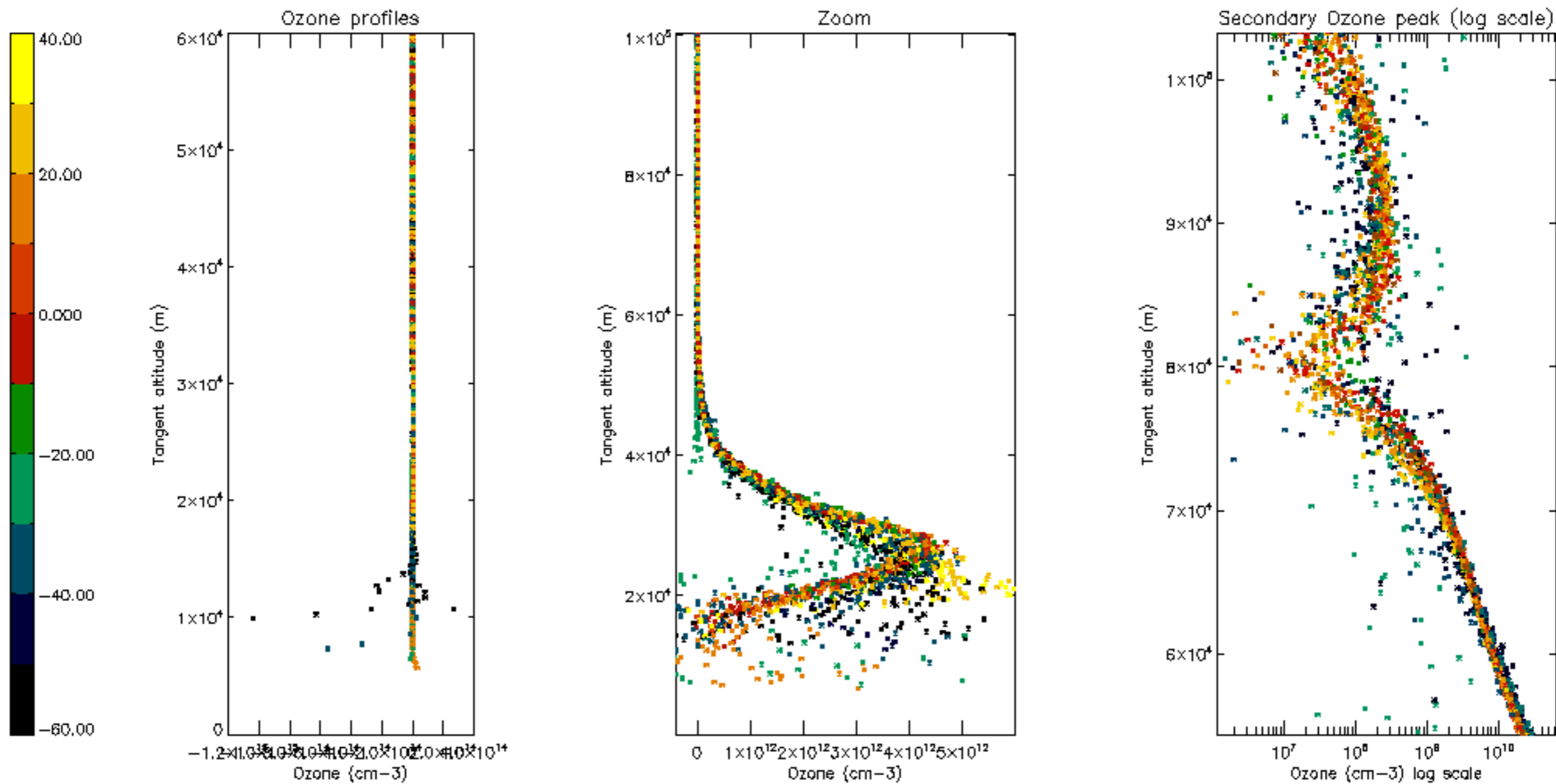


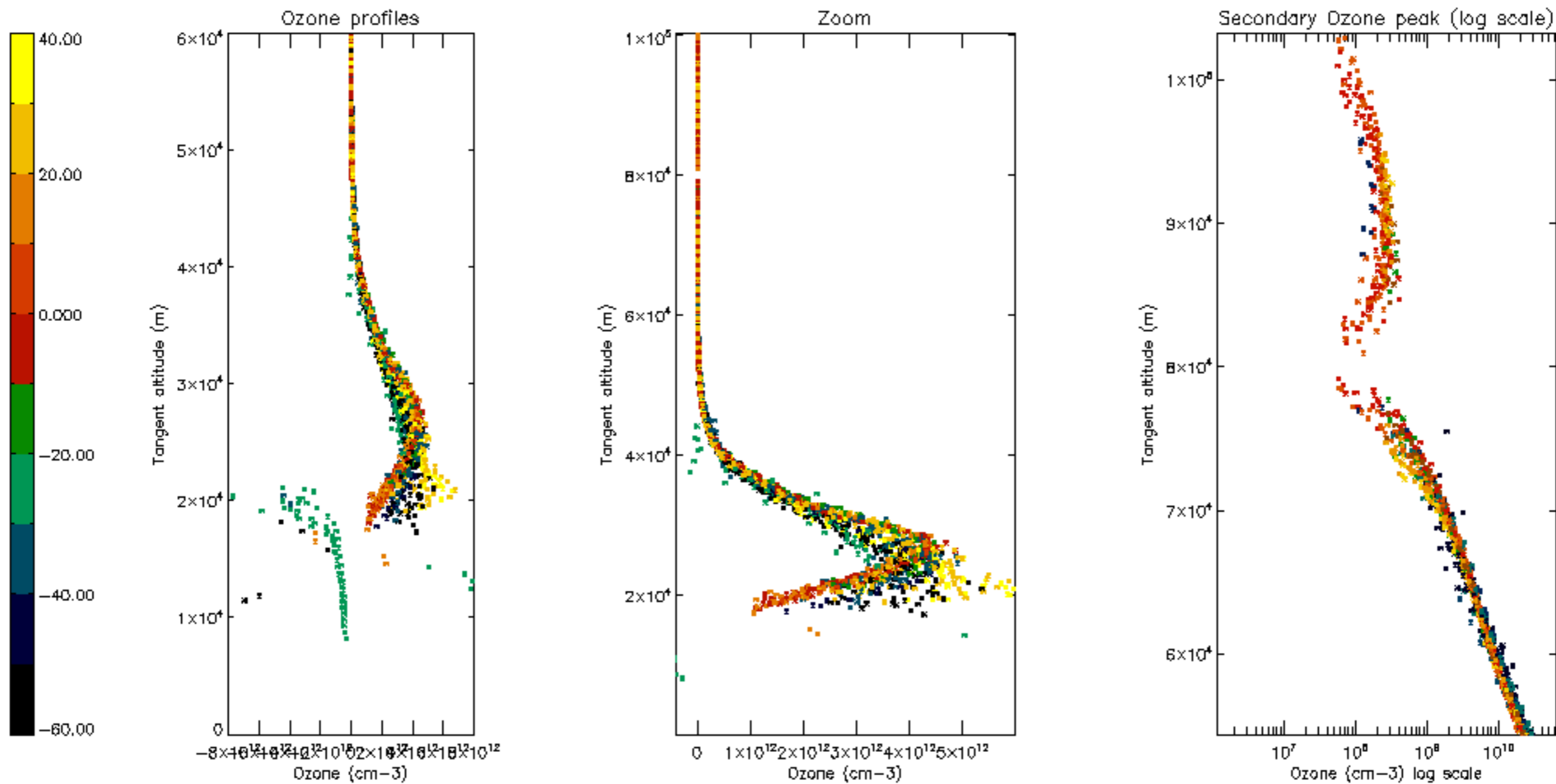
Percentage of star falling outside central band per profile

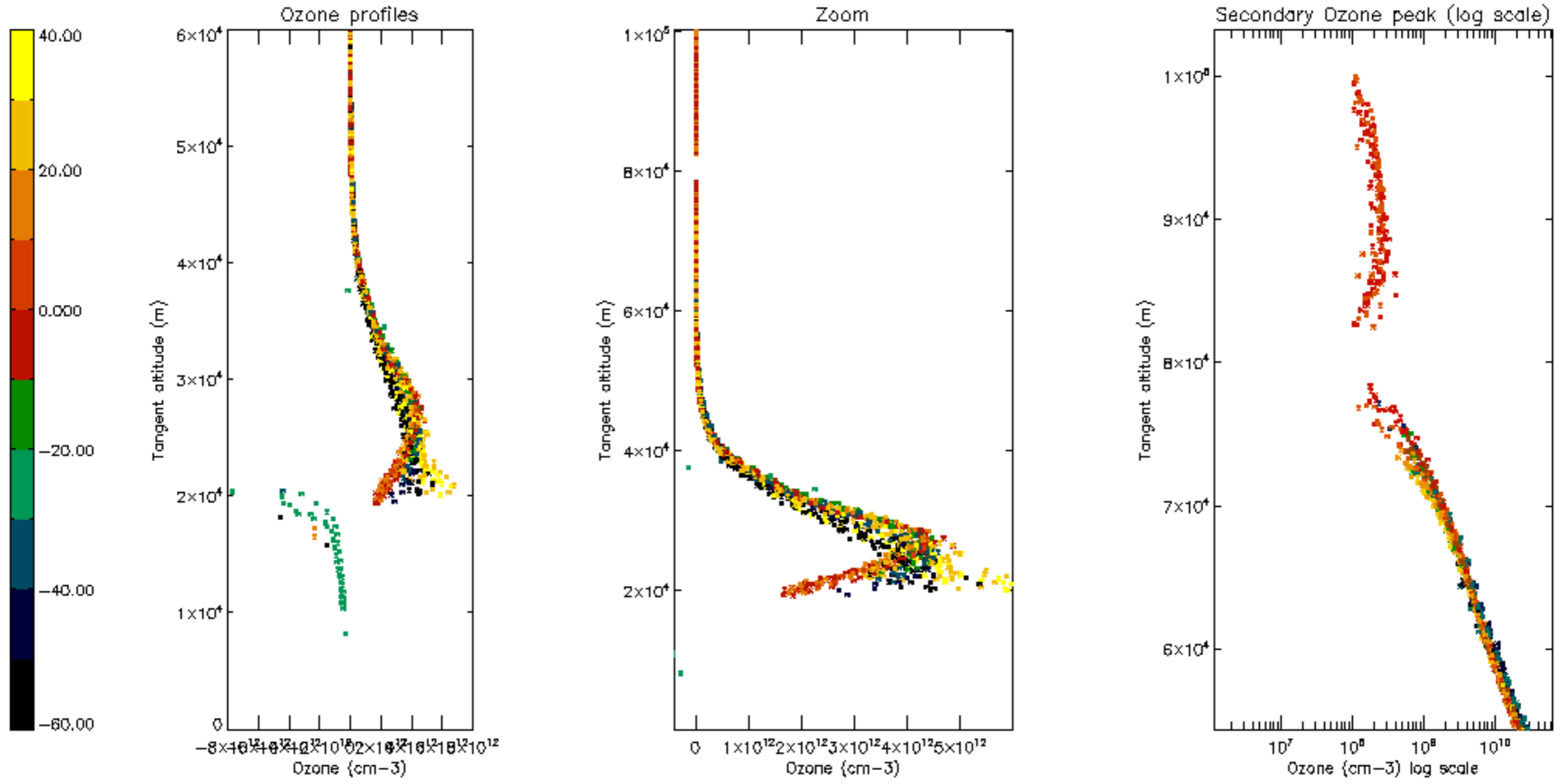


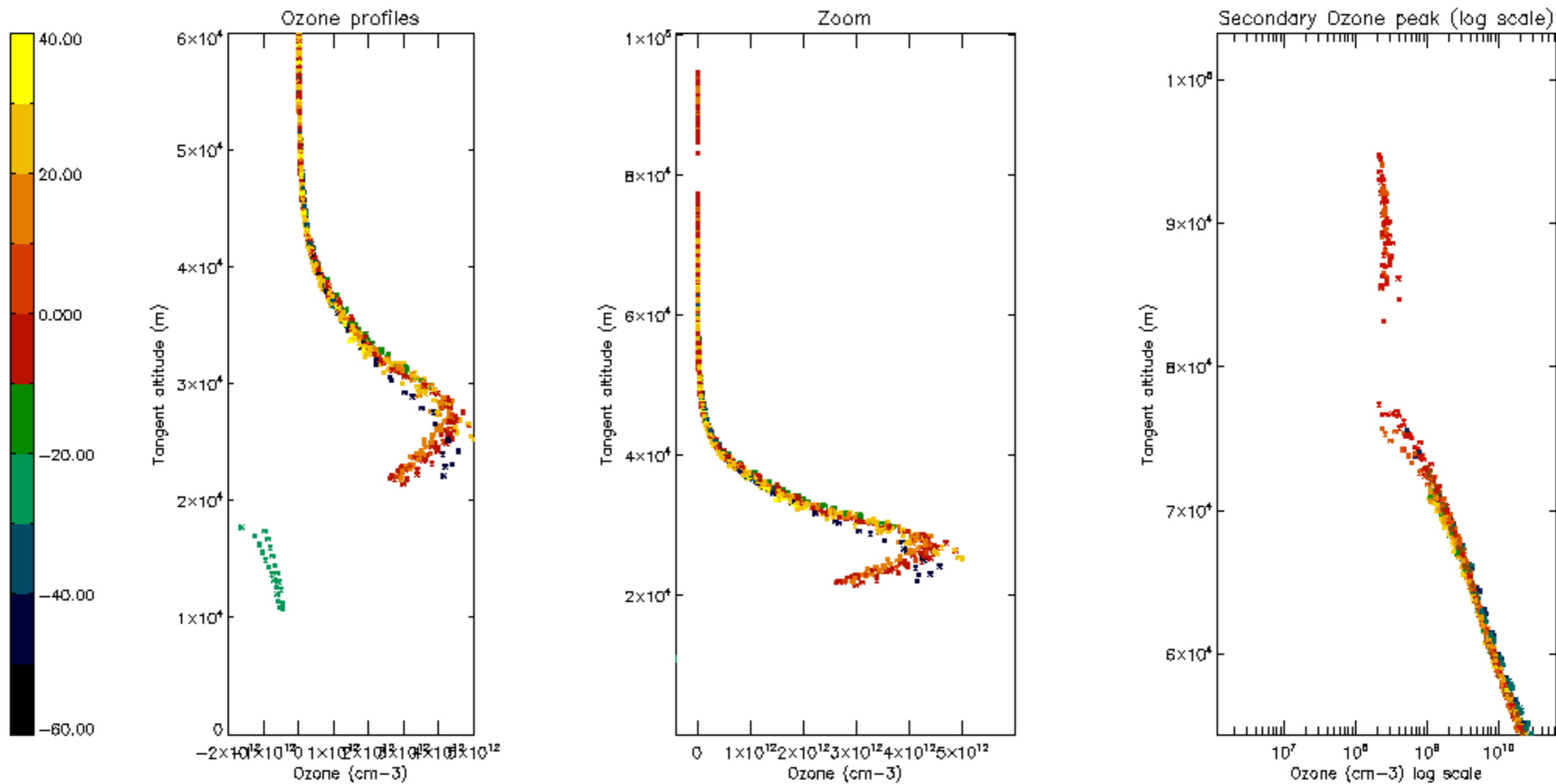
Percentage of saturation errors per profile

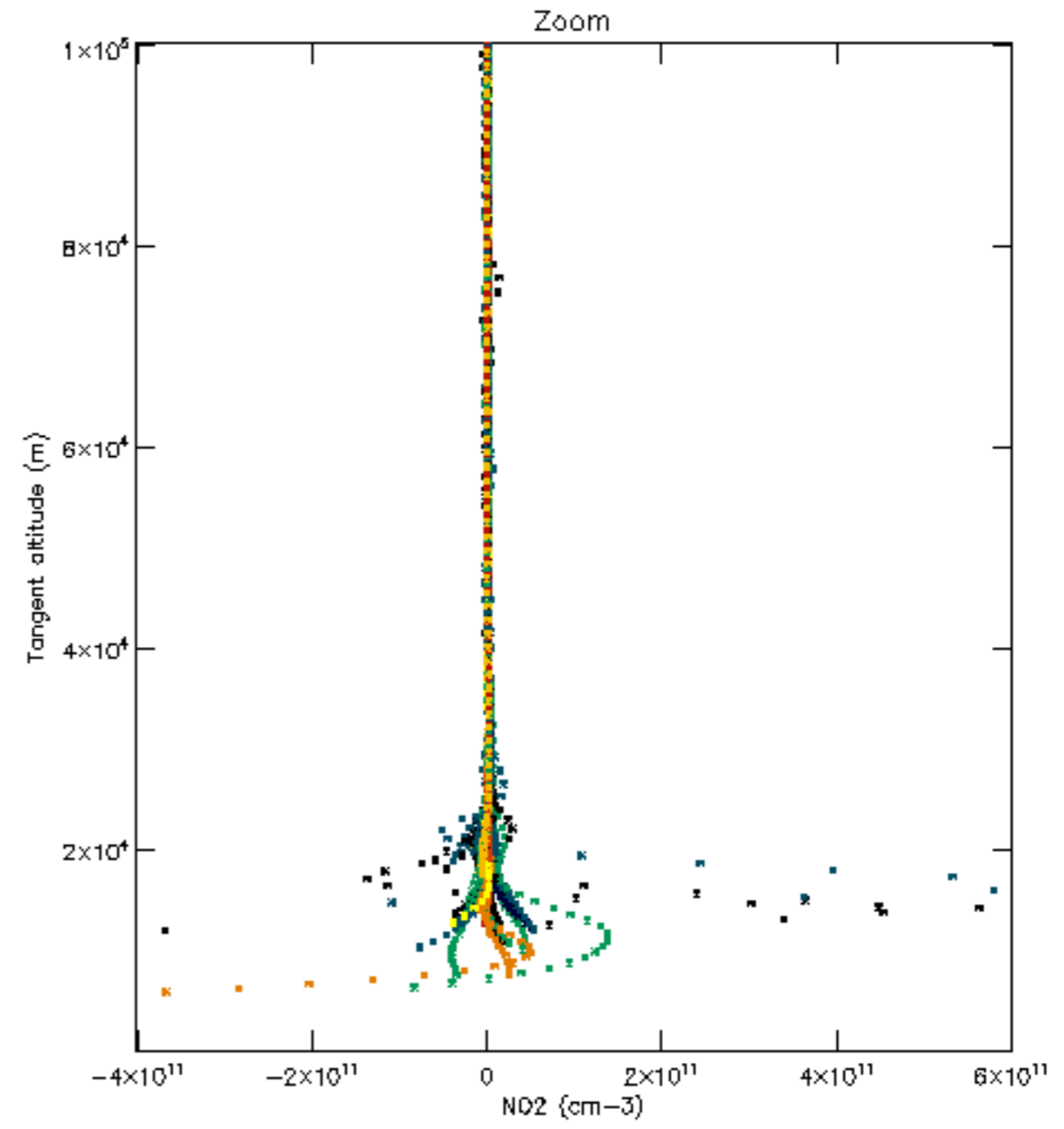
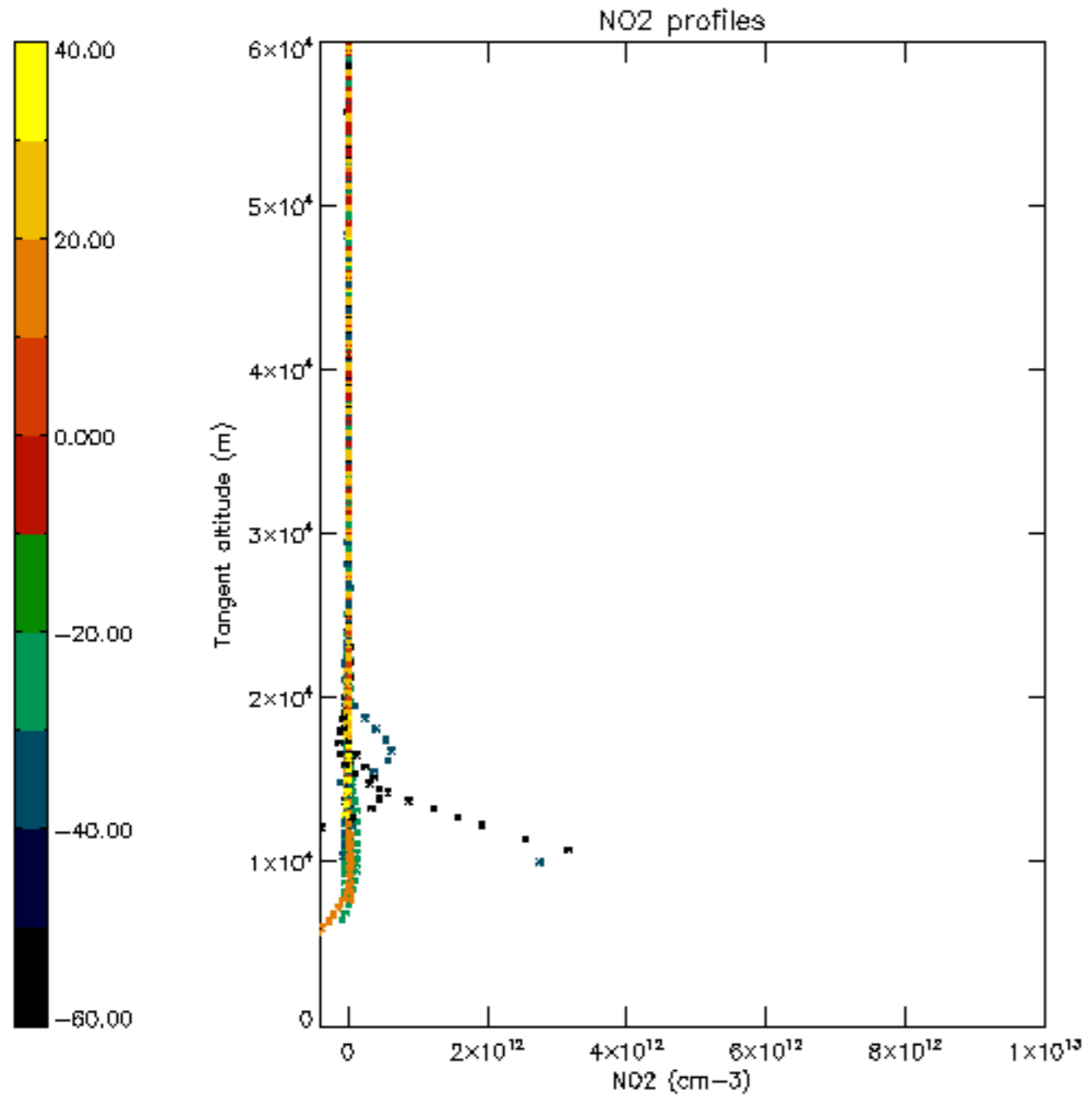


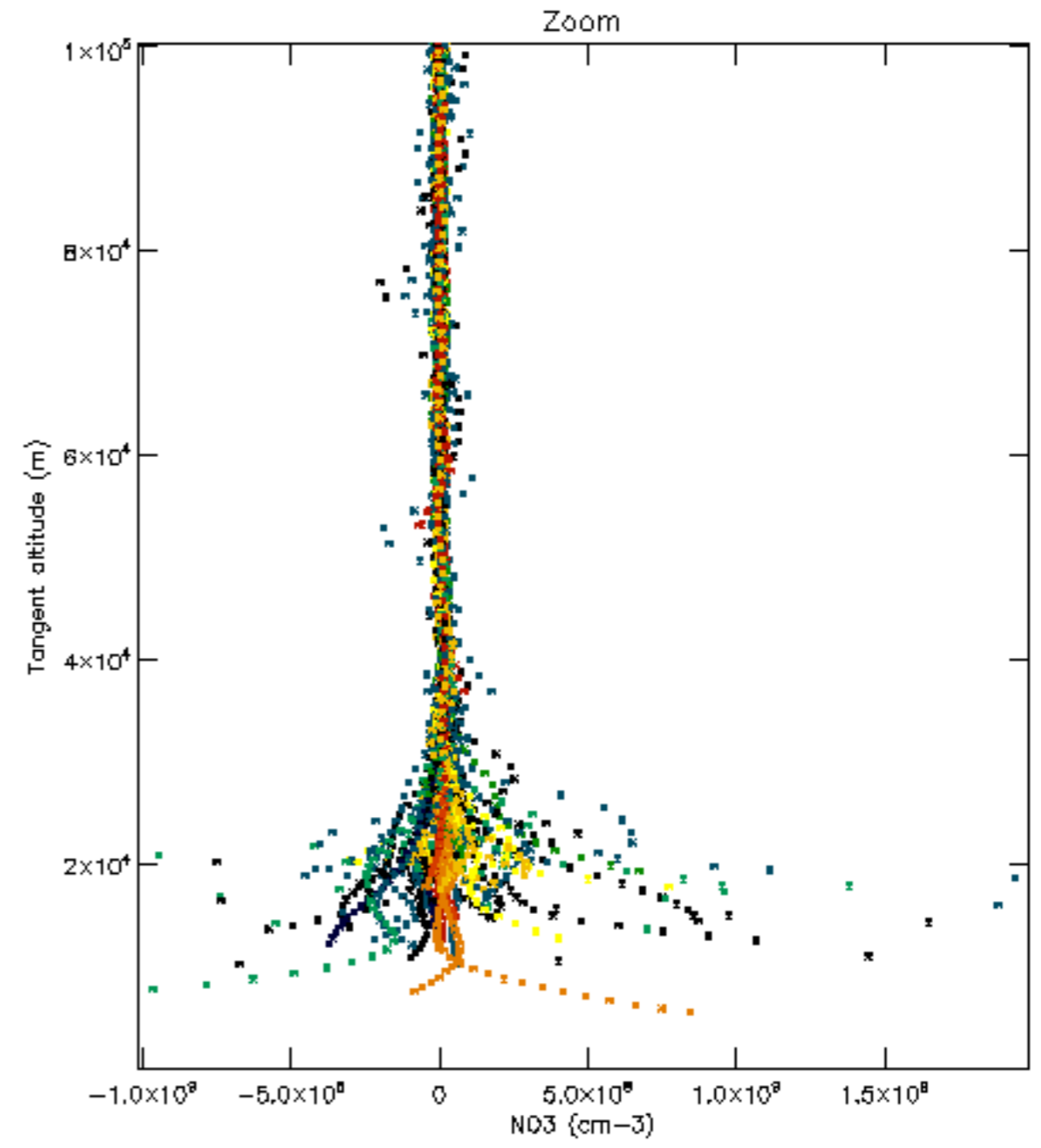
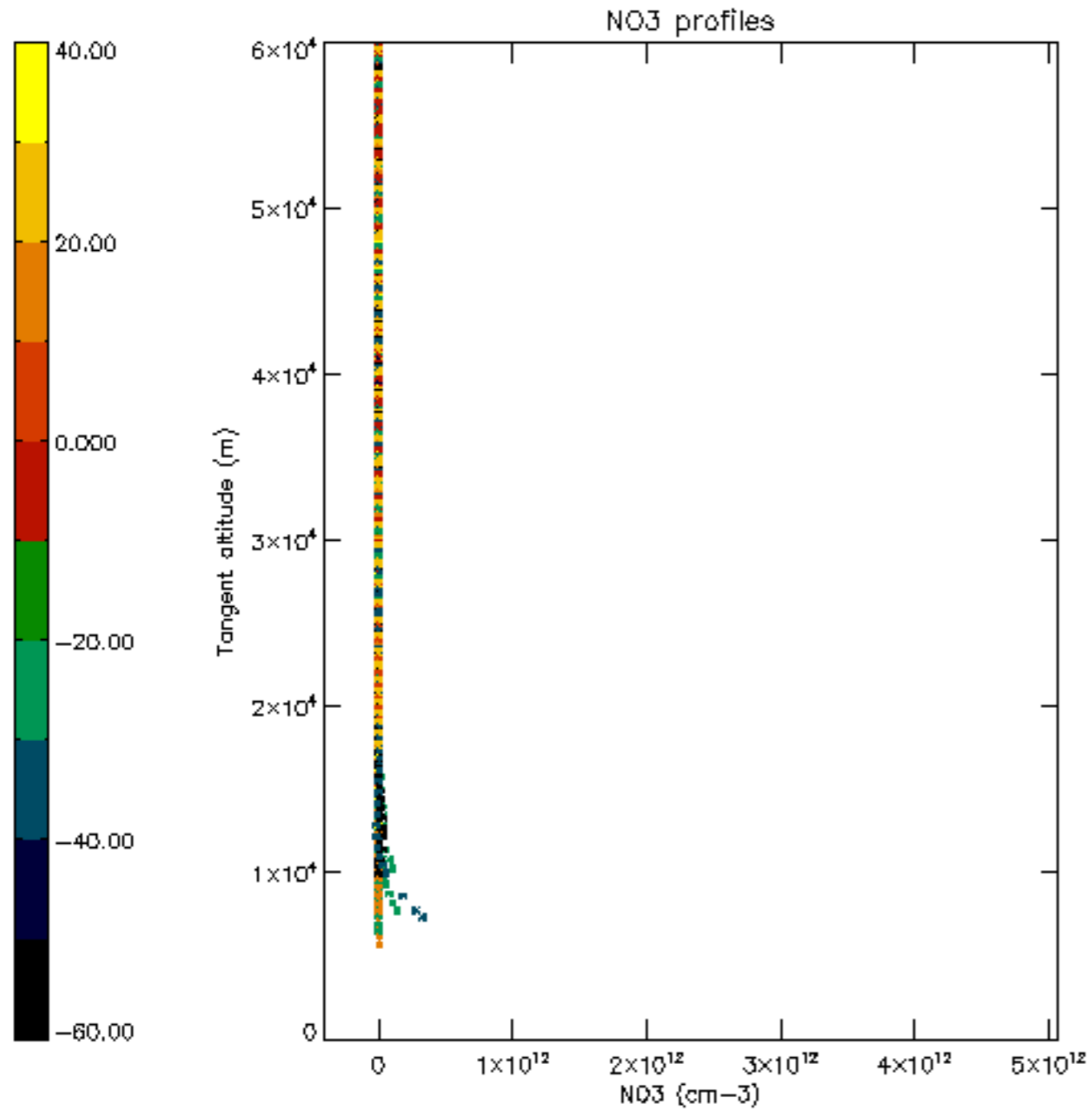


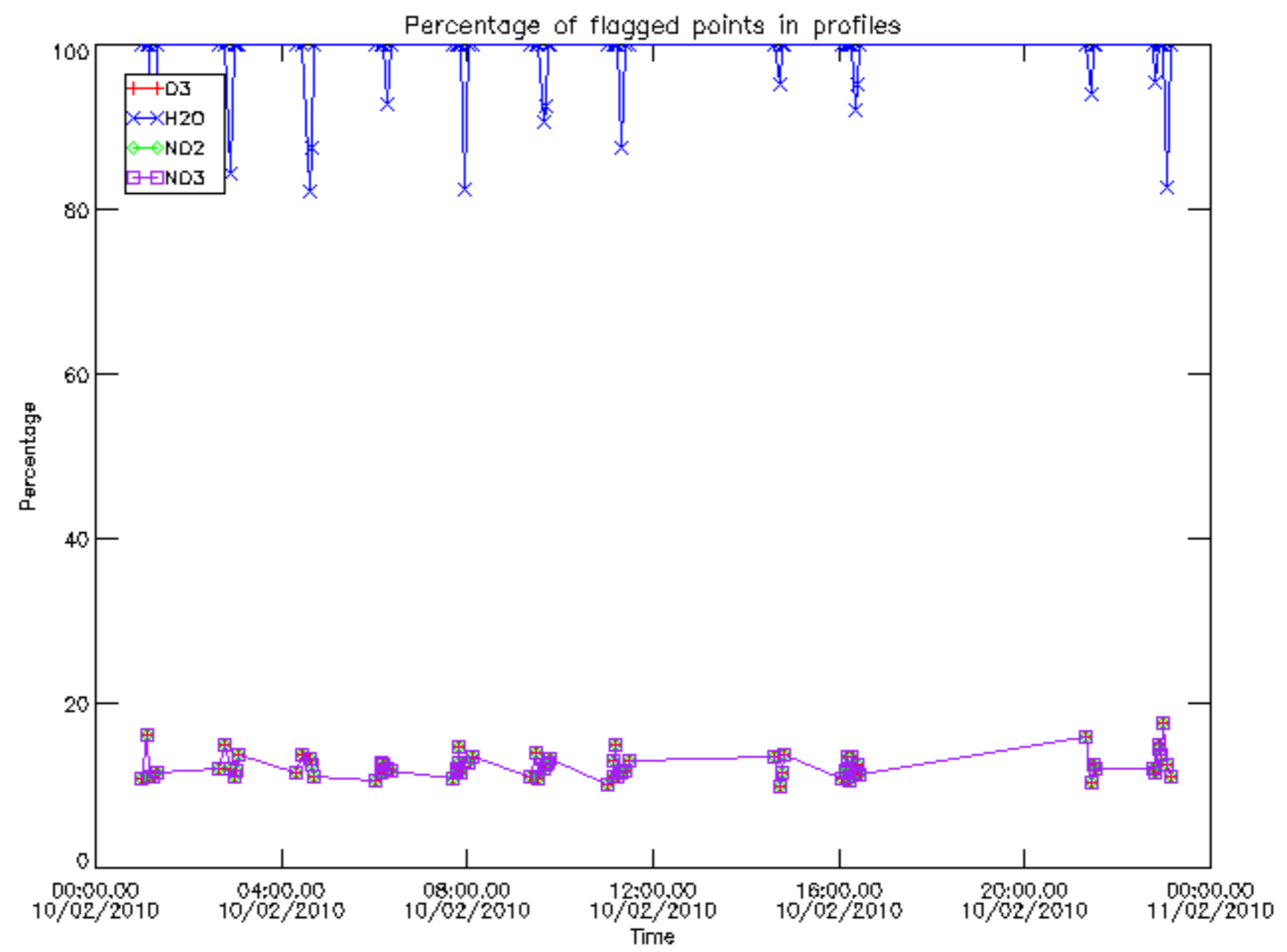




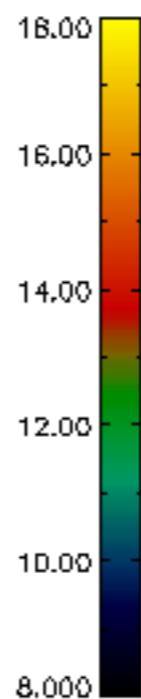
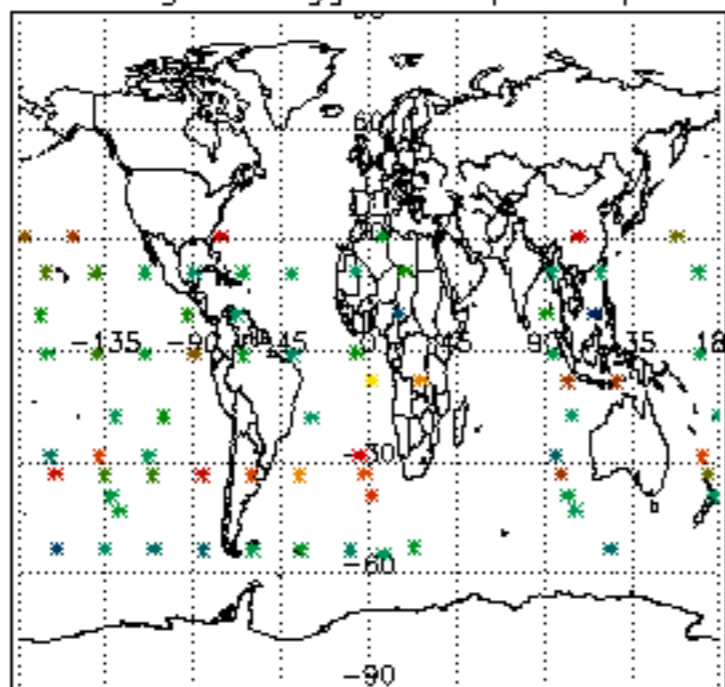




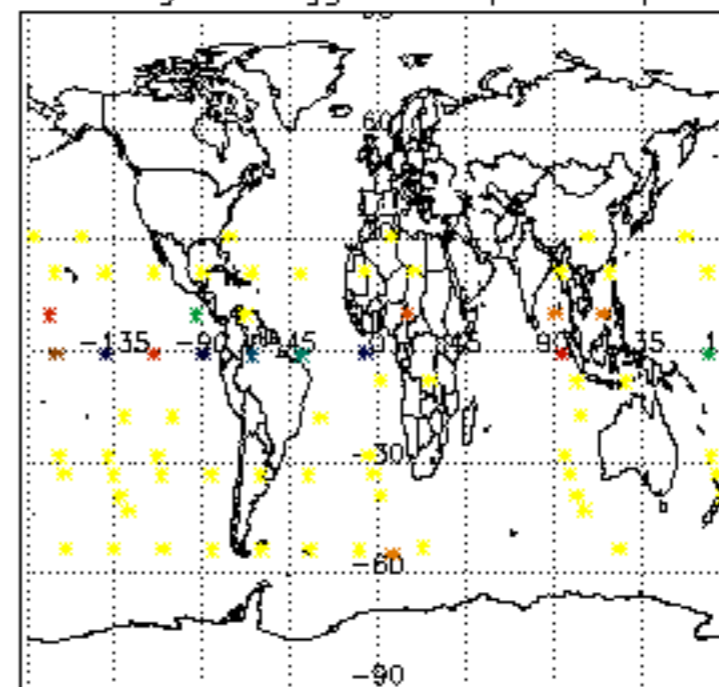




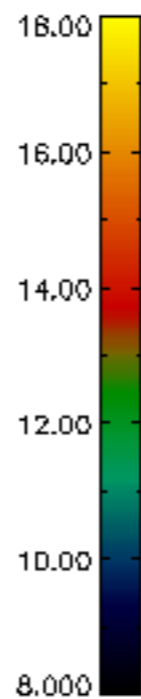
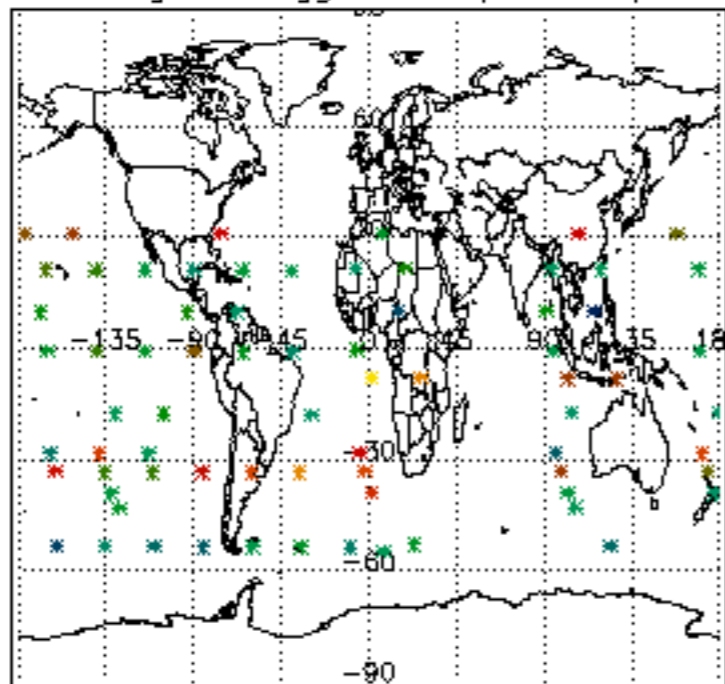
Percentage of flagged data per D3 profile



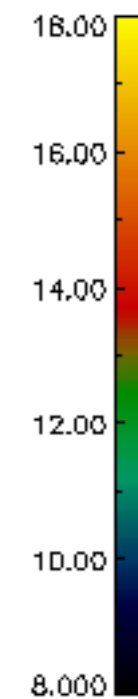
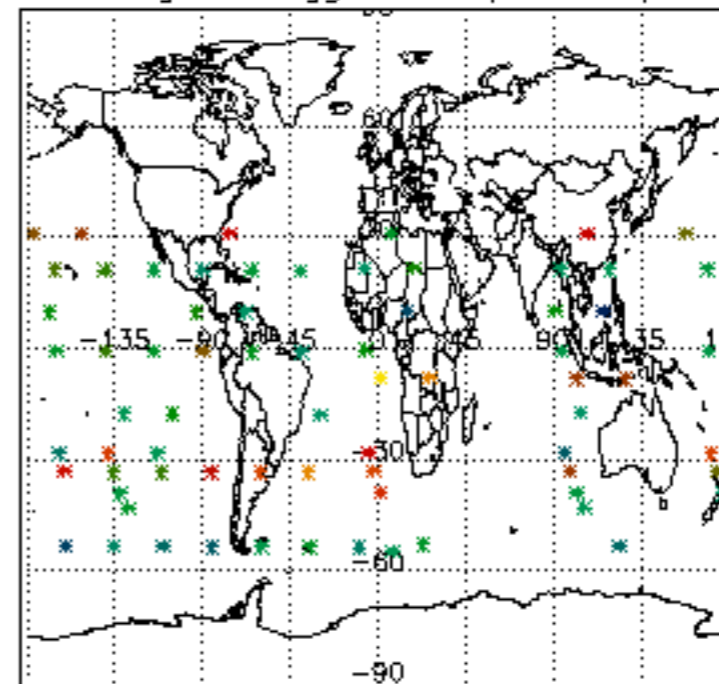
Percentage of flagged data per H2O profile

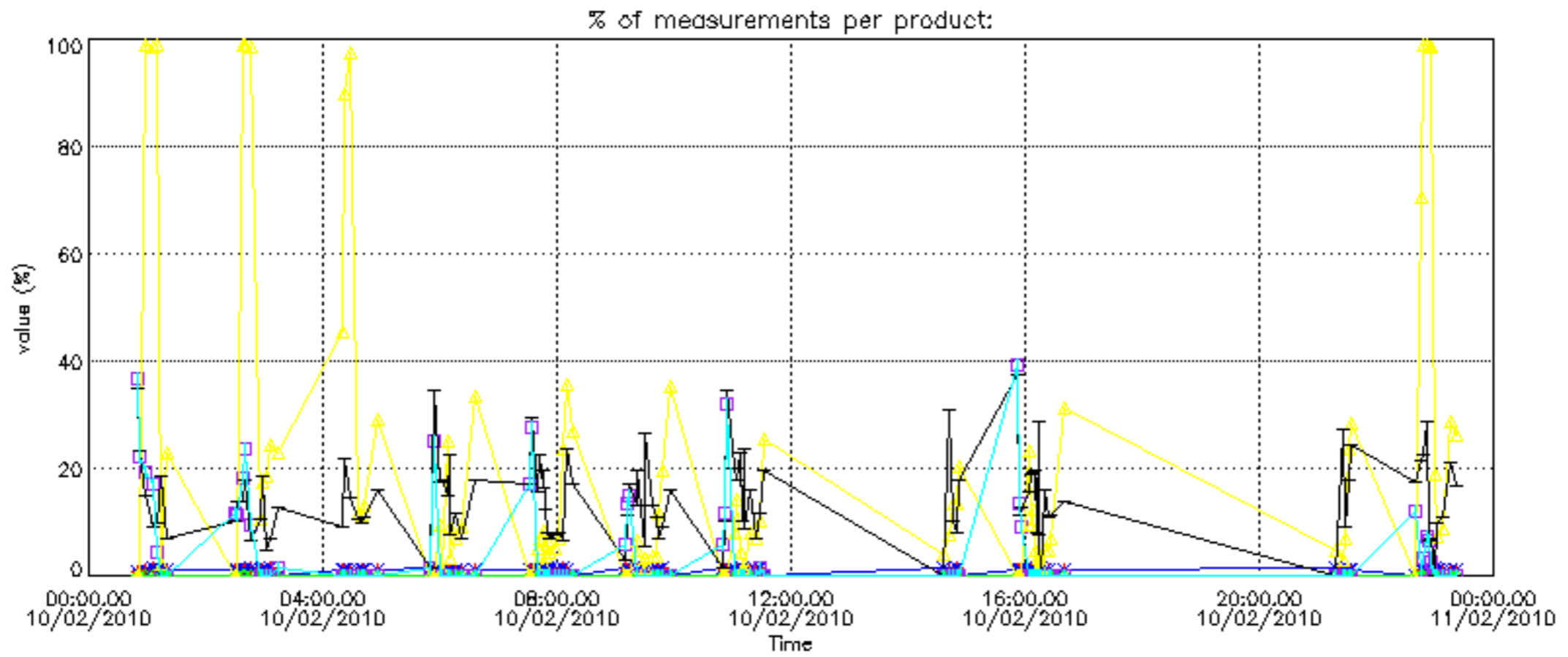


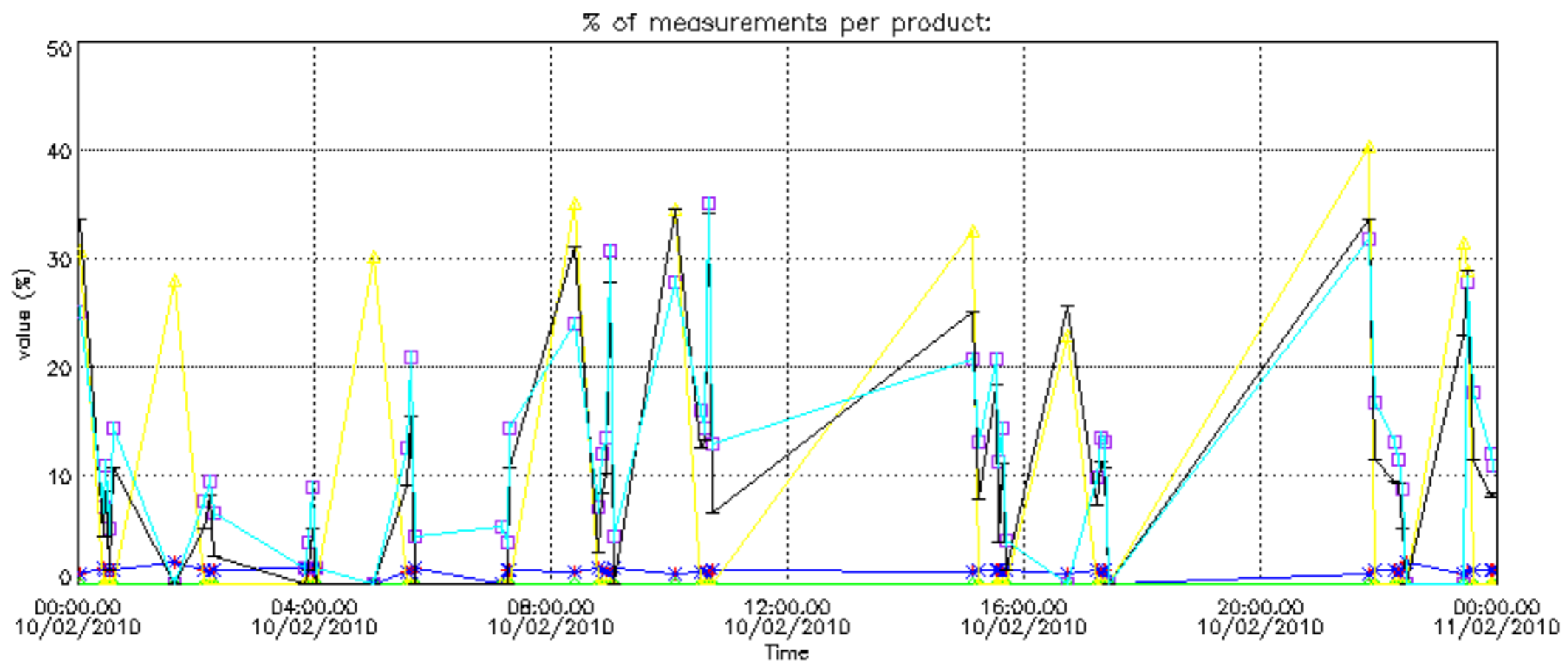
Percentage of flagged data per NO2 profile



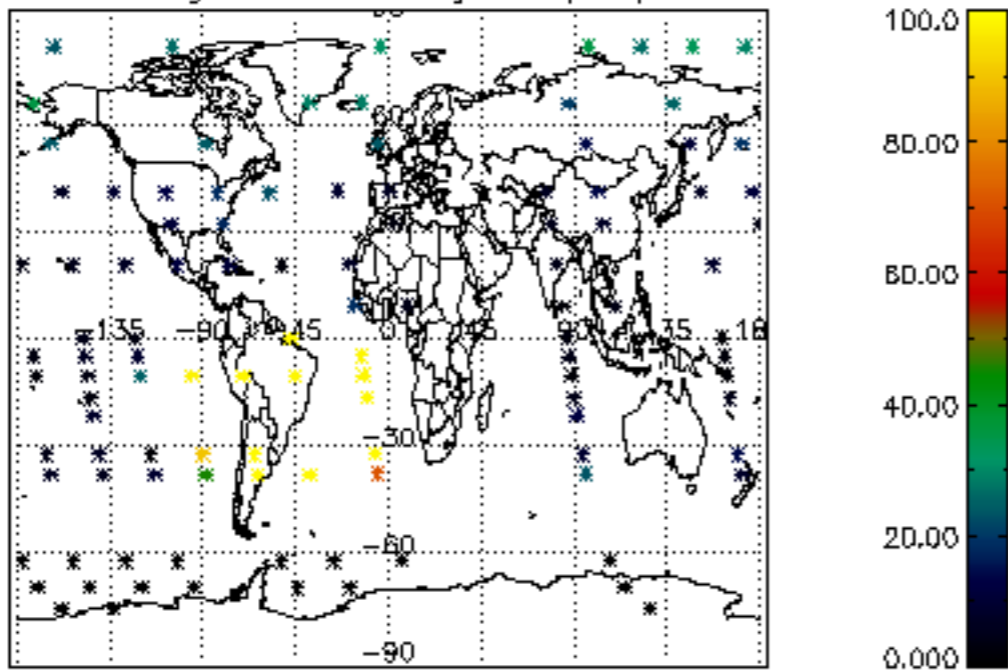
Percentage of flagged data per NO3 profile



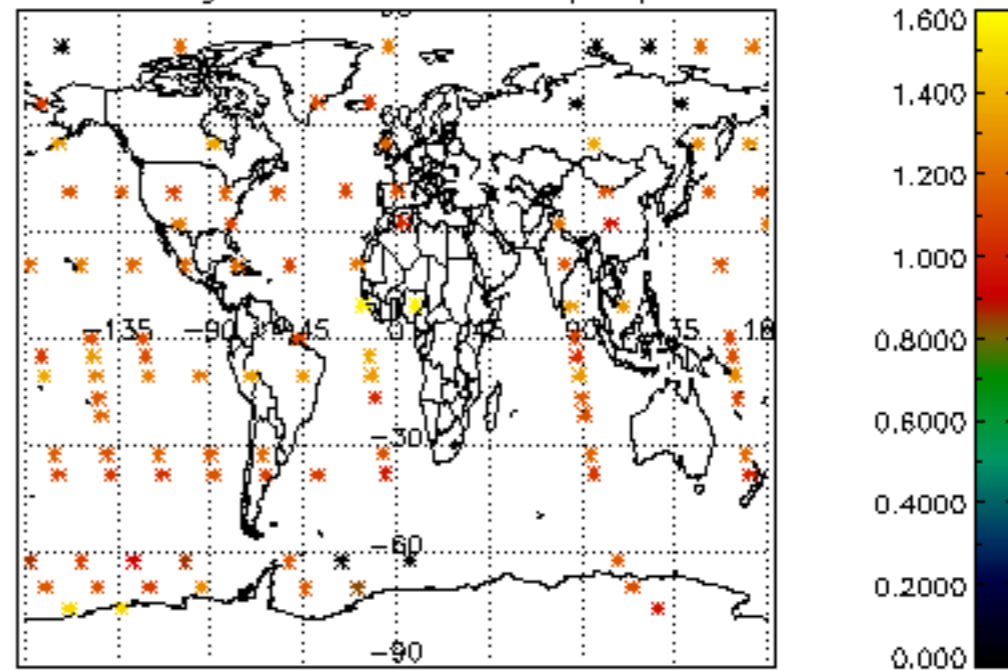




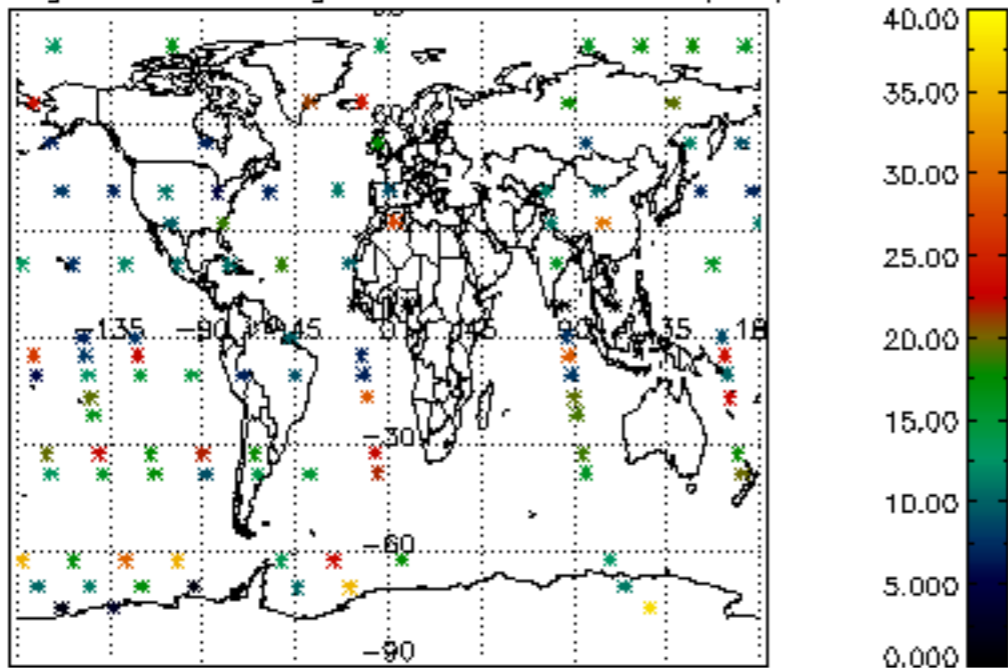
Percentage of cosmic ray hits per profile



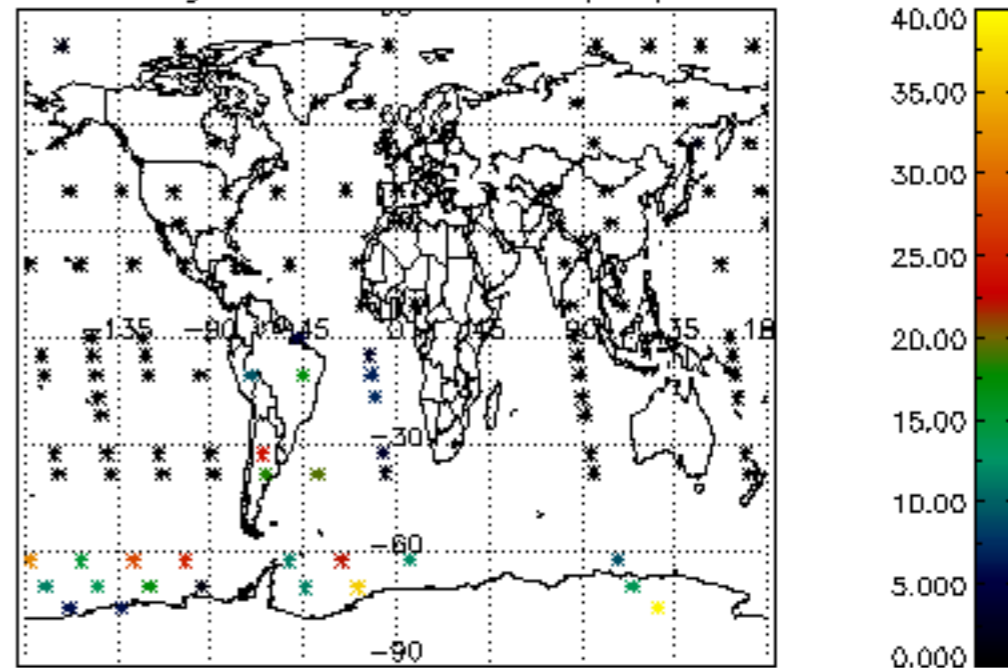
Percentage of datation errors per profile



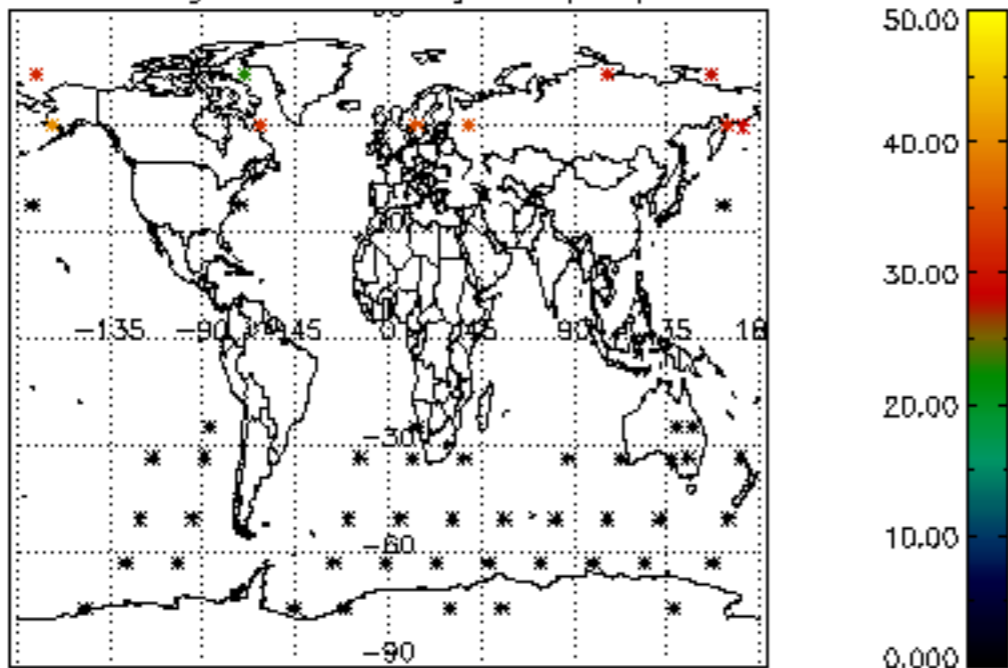
Percentage of star falling outside central band per profile



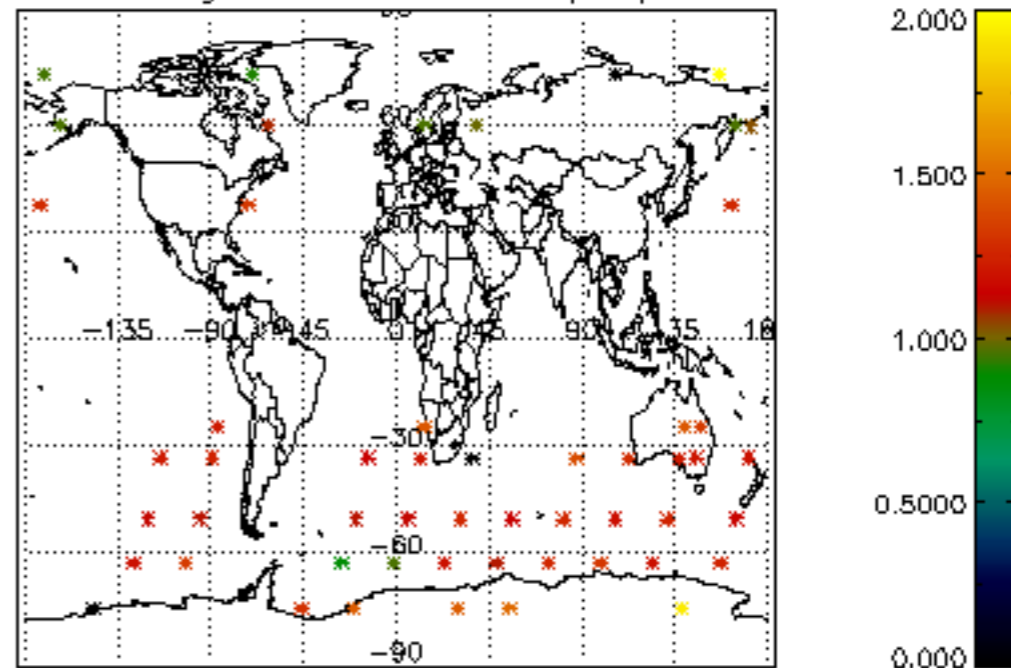
Percentage of saturation errors per profile



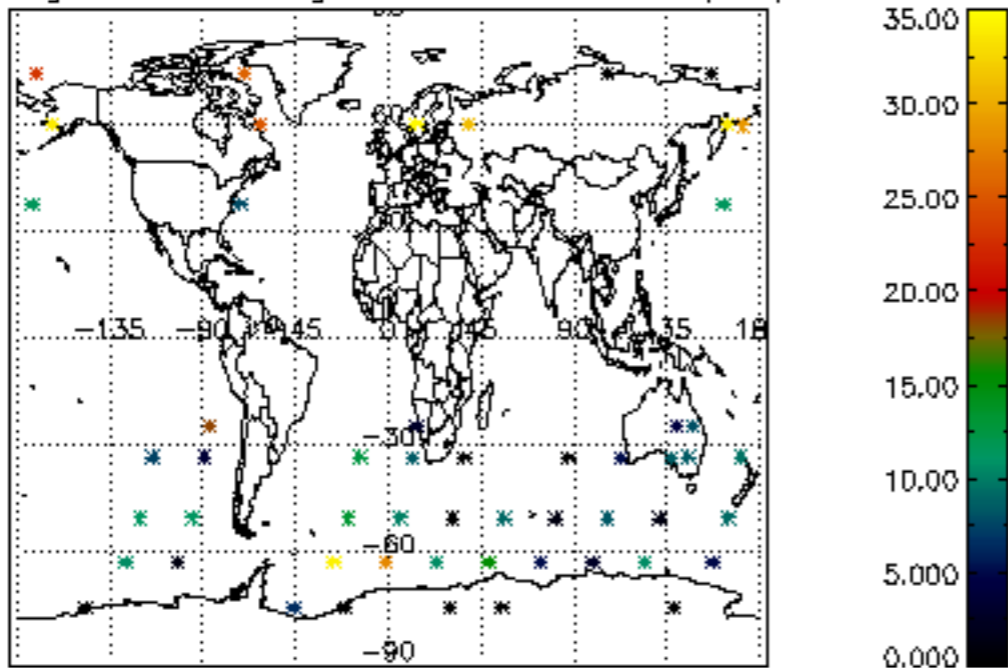
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

