

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	18APR2013 10:39:35
Data source version	GOMOS/6.01
Start time of products	30-08-2005 (30AUG2005 00:00:00)
Stop time of products	31-08-2005 (31AUG2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	170
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__2PRFIN20050830_000331_000000372040_00202_18292_6290.N1	30-AUG-2005 00:03:31	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	18292	No
2	GOM_NL__2PRFIN20050830_002928_000000382040_00202_18292_6291.N1	30-AUG-2005 00:29:28	Dark	37.500	132	15Rho Pup	2.8030	6900.0	75	18292	No
3	GOM_NL__2PRFIN20050830_003134_000000402040_00202_18292_6292.N1	30-AUG-2005 00:31:34	Dark	40.000	88	31Eta CMa	2.4480	20000.	80	18292	No
4	GOM_NL__2PRFIN20050830_003348_000000402040_00202_18292_6293.N1	30-AUG-2005 00:33:48	Dark	40.000	70	Zet Pup	2.2460	39000.	80	18292	No
5	GOM_NL__2PRFIN20050830_003854_000000452040_00202_18292_6294.N1	30-AUG-2005 00:38:54	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	18292	No
6	GOM_NL__2PRFIN20050830_004923_000000372040_00203_18293_6283.N1	30-AUG-2005 00:49:23	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18293	No
7	GOM_NL__2PRFIN20050830_005456_000000402040_00203_18293_6284.N1	30-AUG-2005 00:54:56	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	18293	No
8	GOM_NL__2PRFIN20050830_005835_000000422040_00203_18293_6285.N1	30-AUG-2005 00:58:35	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	18293	No
9	GOM_NL__2PRFIN20050830_011542_000000392040_00203_18293_6286.N1	30-AUG-2005 01:15:42	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	18293	No
10	GOM_NL__2PRFIN20050830_012355_000000382040_00203_18293_6287.N1	30-AUG-2005 01:23:55	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	18293	No
11	GOM_NL__2PRFIN20050830_012536_000000342040_00203_18293_6288.N1	30-AUG-2005 01:25:36	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	18293	No
12	GOM_NL__2PRFIN20050830_013730_000000342040_00203_18293_6289.N1	30-AUG-2005 01:37:30	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	18293	No
13	GOM_NL__2PRFIN20050830_014408_000000372040_00203_18293_6290.N1	30-AUG-2005 01:44:08	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18293	No
14	GOM_NL__2PRFIN20050830_021004_000000372040_00203_18293_6291.N1	30-AUG-2005 02:10:04	Dark	37.000	132	15Rho Pup	2.8030	6900.0	74	18293	No
15	GOM_NL__2PRFIN20050830_021210_000000402040_00203_18293_6292.N1	30-AUG-2005 02:12:10	Dark	40.000	88	31Eta CMa	2.4480	20000.	80	18293	No
16	GOM_NL__2PRFIN20050830_021424_000000402040_00203_18293_6293.N1	30-AUG-2005 02:14:24	Dark	39.500	70	Zet Pup	2.2460	39000.	79	18293	No
17	GOM_NL__2PRFIN20050830_021930_000000422040_00203_18293_6294.N1	30-AUG-2005 02:19:30	Dark	41.500	2	Alp Car	-0.73600	7000.0	83	18293	No
18	GOM_NL__2PRFIN20050830_022959_000000372040_00204_18294_6283.N1	30-AUG-2005 02:29:59	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18294	No
19	GOM_NL__2PRFIN20050830_023532_000000402040_00204_18294_6284.N1	30-AUG-2005 02:35:32	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	18294	No
20	GOM_NL__2PRFIN20050830_023911_000000422040_00204_18294_6285.N1	30-AUG-2005 02:39:11	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	18294	No
21	GOM_NL__2PRFIN20050830_025618_000000392040_00204_18294_6286.N1	30-AUG-2005 02:56:18	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	18294	No
22	GOM_NL__2PRFIN20050830_030431_000000352040_00204_18294_6287.N1	30-AUG-2005 03:04:31	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	18294	No
23	GOM_NL__2PRFIN20050830_030612_000000352040_00204_18294_6288.N1	30-AUG-2005 03:06:12	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18294	No
24	GOM_NL__2PRFIN20050830_031806_000000342040_00204_18294_6289.N1	30-AUG-2005 03:18:06	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	18294	No
25	GOM_NL__2PRFIN20050830_032444_000000372040_00204_18294_6290.N1	30-AUG-2005 03:24:44	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18294	No
26	GOM_NL__2PRFIN20050830_035041_000000362040_00204_18294_6291.N1	30-AUG-2005 03:50:41	Dark	36.000	132	15Rho Pup	2.8030	6900.0	72	18294	No
27	GOM_NL__2PRFIN20050830_035246_000000402040_00204_18294_6292.N1	30-AUG-2005 03:52:46	Dark	40.000	88	31Eta CMa	2.4480	20000.	80	18294	No
28	GOM_NL__2PRFIN20050830_035500_000000402040_00204_18294_6293.N1	30-AUG-2005 03:55:00	Dark	40.000	70	Zet Pup	2.2460	39000.	80	18294	No
29	GOM_NL__2PRFIN20050830_040007_000000512040_00204_18294_6294.N1	30-AUG-2005 04:00:07	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	18294	No
30	GOM_NL__2PRFIN20050830_041035_000000412040_00205_18295_6283.N1	30-AUG-2005 04:10:35	Dark	41.000	135	Bet Hyi	2.8200	5800.0	82	18295	No
31	GOM_NL__2PRFIN20050830_041609_000000382040_00205_18295_6284.N1	30-AUG-2005 04:16:09	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	18295	No
32	GOM_NL__2PRFIN20050830_041948_000000432040_00205_18295_6285.N1	30-AUG-2005 04:19:48	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	18295	No
33	GOM_NL__2PRFIN20050830_043655_000000362040_00205_18295_6286.N1	30-AUG-2005 04:36:55	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18295	No
34	GOM_NL__2PRFIN20050830_044507_000000382040_00205_18295_6287.N1	30-AUG-2005 04:45:07	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	18295	No
35	GOM_NL__2PRFIN20050830_044649_000000362040_00205_18295_6288.N1	30-AUG-2005 04:46:49	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18295	No
36	GOM_NL__2PRFIN20050830_045842_000000342040_00205_18295_6289.N1	30-AUG-2005 04:58:42	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	18295	No
37	GOM_NL__2PRFIN20050830_050520_000000372040_00205_18295_6290.N1	30-AUG-2005 05:05:20	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18295	No
38	GOM_NL__2PRFIN20050830_053117_000000342040_00205_18295_6291.N1	30-AUG-2005 05:31:17	Dark	33.500	132	15Rho Pup	2.8030	6900.0	67	18295	No
39	GOM_NL__2PRFIN20050830_053323_000000382040_00205_18295_6292.N1	30-AUG-2005 05:33:23	Dark	38.000	88	31Eta CMa	2.4480	20000.	76	18295	No
40	GOM_NL__2PRFIN20050830_053536_000000402040_00205_18295_6293.N1	30-AUG-2005 05:35:36	Dark	39.500	70	Zet Pup	2.2460	39000.	79	18295	No
41	GOM_NL__2PRFIN20050830_054043_000000442040_00205_18295_6294.N1	30-AUG-2005 05:40:43	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	18295	No
42	GOM_NL__2PRFIN20050830_055111_000000372040_00206_18296_6283.N1	30-AUG-2005 05:51:11	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18296	No

43	GOM_NL__2PRFIN20050830_055645_000000392040_00206_18296_6284.N1	30-AUG-2005 05:56:45	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	18296	No
44	GOM_NL__2PRFIN20050830_060024_000000402040_00206_18296_6285.N1	30-AUG-2005 06:00:24	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	18296	No
45	GOM_NL__2PRFIN20050830_061731_000000382040_00206_18296_6286.N1	30-AUG-2005 06:17:31	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	18296	No
46	GOM_NL__2PRFIN20050830_062543_000000372040_00206_18296_6287.N1	30-AUG-2005 06:25:43	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	18296	No
47	GOM_NL__2PRFIN20050830_062725_000000352040_00206_18296_6288.N1	30-AUG-2005 06:27:25	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18296	No
48	GOM_NL__2PRFIN20050830_063919_000000332040_00206_18296_6289.N1	30-AUG-2005 06:39:19	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	18296	No
49	GOM_NL__2PRFIN20050830_064556_000000372040_00206_18296_6290.N1	30-AUG-2005 06:45:56	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	18296	No
50	GOM_NL__2PRFIN20050830_071153_000000342040_00206_18296_6291.N1	30-AUG-2005 07:11:53	Dark	34.000	132	15Rho Pup	2.8030	6900.0	68	18296	No
51	GOM_NL__2PRFIN20050830_071359_000000412040_00206_18296_6292.N1	30-AUG-2005 07:13:59	Dark	41.000	88	31Eta CMa	2.4480	20000.	82	18296	No
52	GOM_NL__2PRFIN20050830_071612_000000412040_00206_18296_6293.N1	30-AUG-2005 07:16:12	Dark	40.500	70	Zet Pup	2.2460	39000.	81	18296	No
53	GOM_NL__2PRFIN20050830_072119_000000442040_00206_18296_6294.N1	30-AUG-2005 07:21:19	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	18296	No
54	GOM_NL__2PRFIN20050830_073147_000000392040_00207_18297_6284.N1	30-AUG-2005 07:31:47	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	18297	No
55	GOM_NL__2PRFIN20050830_073721_000000472040_00207_18297_6285.N1	30-AUG-2005 07:37:21	Straylight	46.500	148	Alp Tuc	2.8780	4100.0	93	18297	No
56	GOM_NL__2PRFIN20050830_074100_000000412040_00207_18297_6286.N1	30-AUG-2005 07:41:00	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	18297	No
57	GOM_NL__2PRFIN20050830_075807_000000392040_00207_18297_6287.N1	30-AUG-2005 07:58:07	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	18297	No
58	GOM_NL__2PRFIN20050830_080619_000000372040_00207_18297_6288.N1	30-AUG-2005 08:06:19	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	18297	No
59	GOM_NL__2PRFIN20050830_080801_000000352040_00207_18297_6289.N1	30-AUG-2005 08:08:01	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18297	No
60	GOM_NL__2PRFIN20050830_081955_000000362040_00207_18297_6290.N1	30-AUG-2005 08:19:55	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18297	No
61	GOM_NL__2PRFIN20050830_082633_000000362040_00207_18297_6291.N1	30-AUG-2005 08:26:33	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	18297	No
62	GOM_NL__2PRFIN20050830_085229_000000402040_00207_18297_6292.N1	30-AUG-2005 08:52:29	Dark	39.500	132	15Rho Pup	2.8030	6900.0	79	18297	No
63	GOM_NL__2PRFIN20050830_085435_000000412040_00207_18297_6293.N1	30-AUG-2005 08:54:35	Dark	40.500	88	31Eta CMa	2.4480	20000.	81	18297	No
64	GOM_NL__2PRFIN20050830_085648_000000392040_00207_18297_6294.N1	30-AUG-2005 08:56:48	Dark	38.500	70	Zet Pup	2.2460	39000.	77	18297	No
65	GOM_NL__2PRFIN20050830_090156_000000452040_00207_18297_6295.N1	30-AUG-2005 09:01:56	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	18297	No
66	GOM_NL__2PRFIN20050830_091223_000000372040_00208_18298_6285.N1	30-AUG-2005 09:12:23	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18298	No
67	GOM_NL__2PRFIN20050830_091757_000000432040_00208_18298_6286.N1	30-AUG-2005 09:17:57	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	18298	No
68	GOM_NL__2PRFIN20050830_092136_000000412040_00208_18298_6287.N1	30-AUG-2005 09:21:36	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	18298	No
69	GOM_NL__2PRFIN20050830_093843_000000532040_00208_18298_6288.N1	30-AUG-2005 09:38:43	Bright	53.000	11	53Alp Aql	0.76500	8000.0	106	18298	No
70	GOM_NL__2PRFIN20050830_094655_000000372040_00208_18298_6289.N1	30-AUG-2005 09:46:55	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	18298	No
71	GOM_NL__2PRFIN20050830_094837_000000362040_00208_18298_6290.N1	30-AUG-2005 09:48:37	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18298	No
72	GOM_NL__2PRFIN20050830_100031_000000382040_00208_18298_6291.N1	30-AUG-2005 10:00:31	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	18298	No
73	GOM_NL__2PRFIN20050830_100709_000000362040_00208_18298_6292.N1	30-AUG-2005 10:07:09	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	18298	No
74	GOM_NL__2PRFIN20050830_103305_000000412040_00208_18298_6293.N1	30-AUG-2005 10:33:05	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	18298	No
75	GOM_NL__2PRFIN20050830_103512_000000422040_00208_18298_6294.N1	30-AUG-2005 10:35:12	Dark	41.500	88	31Eta CMa	2.4480	20000.	83	18298	No
76	GOM_NL__2PRFIN20050830_103724_000000402040_00208_18298_6295.N1	30-AUG-2005 10:37:24	Dark	39.500	70	Zet Pup	2.2460	39000.	79	18298	No
77	GOM_NL__2PRFIN20050830_104232_000000462040_00208_18298_6296.N1	30-AUG-2005 10:42:32	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	18298	No
78	GOM_NL__2PRFIN20050830_105300_000000382040_00209_18299_6285.N1	30-AUG-2005 10:53:00	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18299	No
79	GOM_NL__2PRFIN20050830_105833_000000452040_00209_18299_6286.N1	30-AUG-2005 10:58:33	Straylight	45.000	148	Alp Tuc	2.8780	4100.0	90	18299	No
80	GOM_NL__2PRFIN20050830_110212_000000392040_00209_18299_6287.N1	30-AUG-2005 11:02:12	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	18299	No
81	GOM_NL__2PRFIN20050830_111920_000000382040_00209_18299_6288.N1	30-AUG-2005 11:19:20	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	18299	No
82	GOM_NL__2PRFIN20050830_112731_000000362040_00209_18299_6289.N1	30-AUG-2005 11:27:31	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	18299	No
83	GOM_NL__2PRFIN20050830_112913_000000352040_00209_18299_6290.N1	30-AUG-2005 11:29:13	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18299	No
84	GOM_NL__2PRFIN20050830_114107_000000372040_00209_18299_6291.N1	30-AUG-2005 11:41:07	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18299	No
85	GOM_NL__2PRFIN20050830_114745_000000362040_00209_18299_6292.N1	30-AUG-2005 11:47:45	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	18299	No
86	GOM_NL__2PRFIN20050830_121341_000000402040_00209_18299_6293.N1	30-AUG-2005 12:13:41	Dark	39.500	132	15Rho Pup	2.8030	6900.0	79	18299	No
87	GOM_NL__2PRFIN20050830_121548_000000382040_00209_18299_6294.N1	30-AUG-2005 12:15:48	Dark	37.500	88	31Eta CMa	2.4480	20000.	75	18299	No
88	GOM_NL__2PRFIN20050830_121800_000000392040_00209_18299_6295.N1	30-AUG-2005 12:18:00	Dark	38.500	70	Zet Pup	2.2460	39000.	77	18299	No
89	GOM_NL__2PRFIN20050830_122308_000000502040_00209_18299_6296.N1	30-AUG-2005 12:23:08	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	18299	No
90	GOM_NL__2PRFIN20050830_123336_000000382040_00210_18300_6285.N1	30-AUG-2005 12:33:36	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18300	No
91	GOM_NL__2PRFIN20050830_123909_000000372040_00210_18300_6286.N1	30-AUG-2005 12:39:09	Straylight	37.000	148	Alp Tuc	2.8780	4100.0	74	18300	No
92	GOM_NL__2PRFIN20050830_124248_000000382040_00210_18300_6287.N1	30-AUG-2005 12:42:48	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	18300	No
93	GOM_NL__2PRFIN20050830_125956_000000392040_00210_18300_6288.N1	30-AUG-2005 12:59:56	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	18300	No
94	GOM_NL__2PRFIN20050830_130807_000000382040_00210_18300_6289.N1	30-AUG-2005 13:08:07	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	18300	No
95	GOM_NL__2PRFIN20050830_130949_000000352040_00210_18300_6290.N1	30-AUG-2005 13:09:49	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18300	No
96	GOM_NL__2PRFIN20050830_132143_000000372040_00210_18300_6291.N1	30-AUG-2005 13:21:43	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	18300	No
97	GOM_NL__2PRFIN20050830_132821_000000332040_00210_18300_6292.N1	30-AUG-2005 13:28:21	Bright	33.000	36	50Alp UMa	1.8000	6300.0	66	18300	No
98	GOM_NL__2PRFIN20050830_135418_000000392040_00210_18300_6293.N1	30-AUG-2005 13:54:18	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	18300	No
99	GOM_NL__2PRFIN20050830_135624_000000422040_00210_18300_6294.N1	30-AUG-2005 13:56:24	Dark	41.500	88	31Eta CMa	2.4480	20000.	83	18300	No
100	GOM_NL__2PRFIN20050830_135837_000000382040_00210_18300_6295.N1	30-AUG-2005 13:58:37	Dark	38.000	70	Zet Pup	2.2460	39000.	76	18300	No
101	GOM_NL__2PRFIN20050830_140345_000000432040_00210_18300_6296.N1	30-AUG-2005 14:03:45	Dark	43.000	2	Alp Car	-0.73600	7000.0	86	18300	No

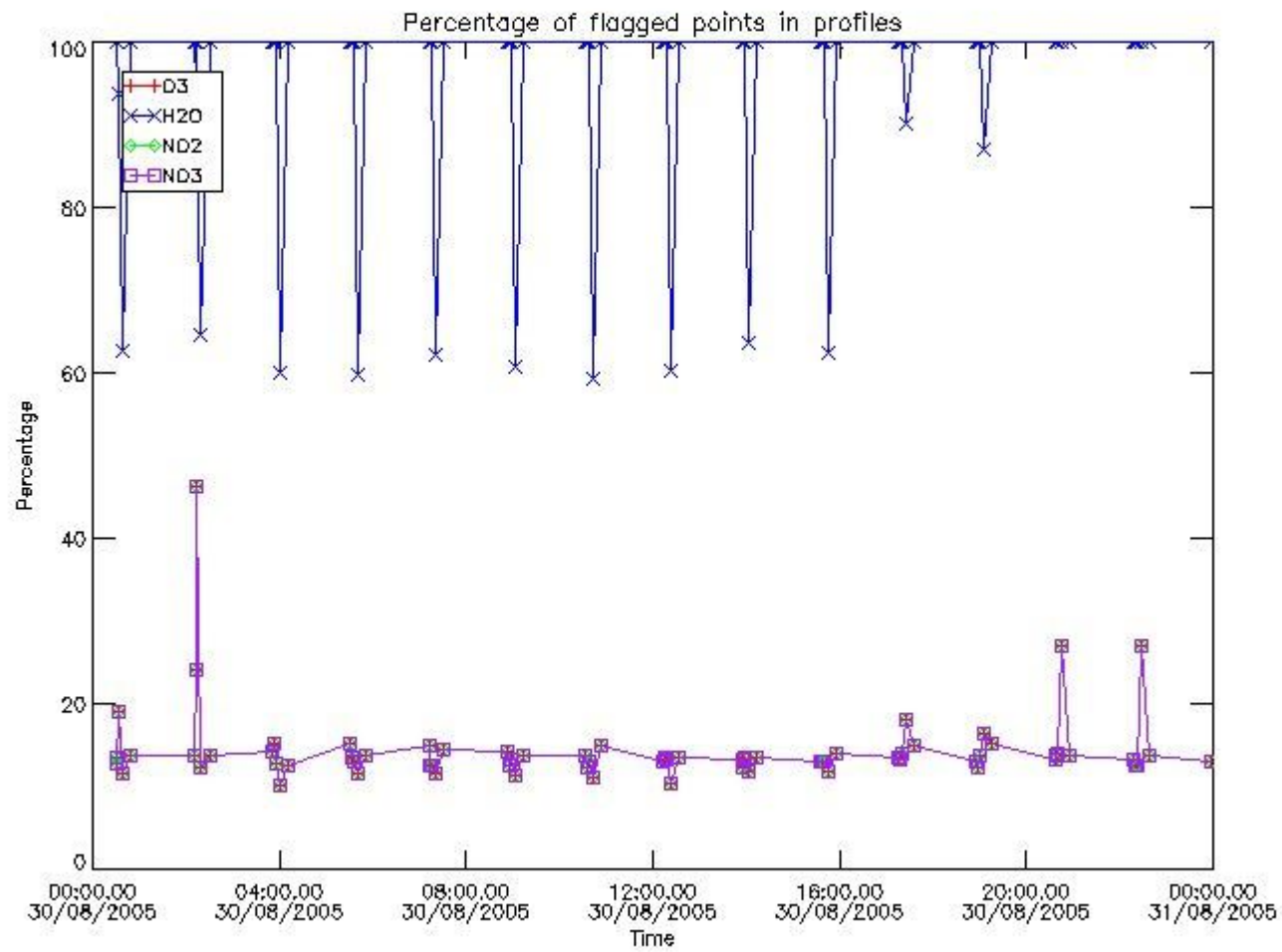
102	GOM_NL__2PRFIN20050830_141412_000000382040_00211_18301_6285.N1	30-AUG-2005 14:14:12	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18301	No
103	GOM_NL__2PRFIN20050830_141946_000000462040_00211_18301_6286.N1	30-AUG-2005 14:19:46	Straylight	46.000	148	Alp Tuc	2.8780	4100.0	92	18301	No
104	GOM_NL__2PRFIN20050830_142325_000000432040_00211_18301_6287.N1	30-AUG-2005 14:23:25	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	18301	No
105	GOM_NL__2PRFIN20050830_144032_000000402040_00211_18301_6288.N1	30-AUG-2005 14:40:32	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	18301	No
106	GOM_NL__2PRFIN20050830_144843_000000342040_00211_18301_6289.N1	30-AUG-2005 14:48:43	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	18301	No
107	GOM_NL__2PRFIN20050830_145025_000000352040_00211_18301_6290.N1	30-AUG-2005 14:50:25	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18301	No
108	GOM_NL__2PRFIN20050830_150220_000000352040_00211_18301_6291.N1	30-AUG-2005 15:02:20	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	18301	No
109	GOM_NL__2PRFIN20050830_150857_000000372040_00211_18301_6292.N1	30-AUG-2005 15:08:57	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	18301	No
110	GOM_NL__2PRFIN20050830_153454_000000392040_00211_18301_6293.N1	30-AUG-2005 15:34:54	Dark	39.000	132	15Rho Pup	2.8030	6900.0	78	18301	No
111	GOM_NL__2PRFIN20050830_153701_000000402040_00211_18301_6294.N1	30-AUG-2005 15:37:01	Dark	39.500	88	31Eta CMa	2.4480	20000.	79	18301	No
112	GOM_NL__2PRFIN20050830_153913_000000392040_00211_18301_6295.N1	30-AUG-2005 15:39:13	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18301	No
113	GOM_NL__2PRFIN20050830_154421_000000432040_00211_18301_6296.N1	30-AUG-2005 15:44:21	Dark	43.000	2	Alp Car	-0.73600	7000.0	86	18301	No
114	GOM_NL__2PRFIN20050830_155448_000000372040_00212_18302_6285.N1	30-AUG-2005 15:54:48	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	18302	No
115	GOM_NL__2PRFIN20050830_160022_000000402040_00212_18302_6286.N1	30-AUG-2005 16:00:22	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	18302	No
116	GOM_NL__2PRFIN20050830_160401_000000382040_00212_18302_6287.N1	30-AUG-2005 16:04:01	Straylight	37.500	31	Alp Gru	1.7340	15200.	75	18302	No
117	GOM_NL__2PRFIN20050830_162108_000000362040_00212_18302_6288.N1	30-AUG-2005 16:21:08	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18302	No
118	GOM_NL__2PRFIN20050830_162919_000000362040_00212_18302_6289.N1	30-AUG-2005 16:29:19	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	18302	No
119	GOM_NL__2PRFIN20050830_163102_000000342040_00212_18302_6290.N1	30-AUG-2005 16:31:02	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	18302	No
120	GOM_NL__2PRFIN20050830_164256_000000372040_00212_18302_6291.N1	30-AUG-2005 16:42:56	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18302	No
121	GOM_NL__2PRFIN20050830_164934_000000362040_00212_18302_6292.N1	30-AUG-2005 16:49:34	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	18302	No
122	GOM_NL__2PRFIN20050830_171530_000000382040_00212_18302_6293.N1	30-AUG-2005 17:15:30	Dark	38.000	132	15Rho Pup	2.8030	6900.0	76	18302	No
123	GOM_NL__2PRFIN20050830_171737_000000392040_00212_18302_6294.N1	30-AUG-2005 17:17:37	Dark	38.500	88	31Eta CMa	2.4480	20000.	77	18302	No
124	GOM_NL__2PRFIN20050830_171949_000000372040_00212_18302_6295.N1	30-AUG-2005 17:19:49	Dark	36.500	70	Zet Pup	2.2460	39000.	73	18302	No
125	GOM_NL__2PRFIN20050830_172458_000000312040_00212_18302_6296.N1	30-AUG-2005 17:24:58	Dark	31.000	2	Alp Car	-0.73600	7000.0	62	18302	No
126	GOM_NL__2PRFIN20050830_173524_000000382040_00213_18303_6285.N1	30-AUG-2005 17:35:24	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18303	No
127	GOM_NL__2PRFIN20050830_174058_000000402040_00213_18303_6286.N1	30-AUG-2005 17:40:58	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	18303	No
128	GOM_NL__2PRFIN20050830_174437_000000412040_00213_18303_6287.N1	30-AUG-2005 17:44:37	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	18303	No
129	GOM_NL__2PRFIN20050830_180144_000000372040_00213_18303_6288.N1	30-AUG-2005 18:01:44	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	18303	No
130	GOM_NL__2PRFIN20050830_180955_000000362040_00213_18303_6289.N1	30-AUG-2005 18:09:55	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	18303	No
131	GOM_NL__2PRFIN20050830_181138_000000362040_00213_18303_6290.N1	30-AUG-2005 18:11:38	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18303	No
132	GOM_NL__2PRFIN20050830_182332_000000372040_00213_18303_6291.N1	30-AUG-2005 18:23:32	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	18303	No
133	GOM_NL__2PRFIN20050830_183010_000000342040_00213_18303_6292.N1	30-AUG-2005 18:30:10	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	18303	No
134	GOM_NL__2PRFIN20050830_185606_000000392040_00213_18303_6293.N1	30-AUG-2005 18:56:06	Dark	39.000	132	15Rho Pup	2.8030	6900.0	78	18303	No
135	GOM_NL__2PRFIN20050830_185813_000000422040_00213_18303_6294.N1	30-AUG-2005 18:58:13	Dark	41.500	88	31Eta CMa	2.4480	20000.	83	18303	No
136	GOM_NL__2PRFIN20050830_190025_000000372040_00213_18303_6295.N1	30-AUG-2005 19:00:25	Dark	37.000	70	Zet Pup	2.2460	39000.	74	18303	No
137	GOM_NL__2PRFIN20050830_190534_000000312040_00213_18303_6296.N1	30-AUG-2005 19:05:34	Dark	31.000	2	Alp Car	-0.73600	7000.0	62	18303	No
138	GOM_NL__2PRFIN20050830_191600_000000372040_00214_18304_6285.N1	30-AUG-2005 19:16:00	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18304	No
139	GOM_NL__2PRFIN20050830_192134_000000402040_00214_18304_6286.N1	30-AUG-2005 19:21:34	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	18304	No
140	GOM_NL__2PRFIN20050830_192513_000000432040_00214_18304_6287.N1	30-AUG-2005 19:25:13	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	18304	No
141	GOM_NL__2PRFIN20050830_194221_000000382040_00214_18304_6288.N1	30-AUG-2005 19:42:21	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	18304	No
142	GOM_NL__2PRFIN20050830_195031_000000352040_00214_18304_6289.N1	30-AUG-2005 19:50:31	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	18304	No
143	GOM_NL__2PRFIN20050830_195214_000000362040_00214_18304_6290.N1	30-AUG-2005 19:52:14	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18304	No
144	GOM_NL__2PRFIN20050830_200408_000000372040_00214_18304_6291.N1	30-AUG-2005 20:04:08	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	18304	No
145	GOM_NL__2PRFIN20050830_201046_000000352040_00214_18304_6292.N1	30-AUG-2005 20:10:46	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	18304	No
146	GOM_NL__2PRFIN20050830_203642_000000392040_00214_18304_6293.N1	30-AUG-2005 20:36:42	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	18304	No
147	GOM_NL__2PRFIN20050830_203850_000000412040_00214_18304_6294.N1	30-AUG-2005 20:38:50	Dark	40.500	88	31Eta CMa	2.4480	20000.	81	18304	No
148	GOM_NL__2PRFIN20050830_204101_000000372040_00214_18304_6295.N1	30-AUG-2005 20:41:01	Dark	36.500	70	Zet Pup	2.2460	39000.	73	18304	No
149	GOM_NL__2PRFIN20050830_204610_000000192040_00214_18304_6296.N1	30-AUG-2005 20:46:10	Dark	19.000	2	Alp Car	-0.73600	7000.0	38	18304	No
150	GOM_NL__2PRFIN20050830_205636_000000372040_00215_18305_6262.N1	30-AUG-2005 20:56:36	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18305	No
151	GOM_NL__2PRFIN20050830_210210_000000372040_00215_18305_6263.N1	30-AUG-2005 21:02:10	Straylight	36.500	148	Alp Tuc	2.8780	4100.0	73	18305	No
152	GOM_NL__2PRFIN20050830_210549_000000412040_00215_18305_6264.N1	30-AUG-2005 21:05:49	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	18305	No
153	GOM_NL__2PRFIN20050830_212257_000000402040_00215_18305_6265.N1	30-AUG-2005 21:22:57	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	18305	No
154	GOM_NL__2PRFIN20050830_213107_000000372040_00215_18305_6266.N1	30-AUG-2005 21:31:07	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	18305	No
155	GOM_NL__2PRFIN20050830_213250_000000362040_00215_18305_6267.N1	30-AUG-2005 21:32:50	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18305	No
156	GOM_NL__2PRFIN20050830_214445_000000372040_00215_18305_6268.N1	30-AUG-2005 21:44:45	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18305	No
157	GOM_NL__2PRFIN20050830_215123_000000332040_00215_18305_6269.N1	30-AUG-2005 21:51:23	Bright	33.000	36	50Alp UMa	1.8000	6300.0	66	18305	No
158	GOM_NL__2PRFIN20050830_221718_000000392040_00215_18305_6270.N1	30-AUG-2005 22:17:18	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	18305	No
159	GOM_NL__2PRFIN20050830_221926_000000412040_00215_18305_6271.N1	30-AUG-2005 22:19:26	Dark	40.500	88	31Eta CMa	2.4480	20000.	81	18305	No
160	GOM_NL__2PRFIN20050830_222137_000000412040_00215_18305_6272.N1	30-AUG-2005 22:21:37	Dark	40.500	70	Zet Pup	2.2460	39000.	81	18305	No

161	GOM_NL__2PRFIN20050830_222647_000000192040_00215_18305_6273.N1	30-AUG-2005 22:26:47	Dark	19.000	2	Alp Car	-0.73600	7000.0	38	18305	No
162	GOM_NL__2PRFIN20050830_223712_000000372040_00216_18306_6264.N1	30-AUG-2005 22:37:12	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18306	No
163	GOM_NL__2PRFIN20050830_224246_000000402040_00216_18306_6265.N1	30-AUG-2005 22:42:46	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	18306	No
164	GOM_NL__2PRFIN20050830_224626_000000432040_00216_18306_6266.N1	30-AUG-2005 22:46:26	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	18306	No
165	GOM_NL__2PRFIN20050830_230333_000000372040_00216_18306_6267.N1	30-AUG-2005 23:03:33	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	18306	No
166	GOM_NL__2PRFIN20050830_231143_000000362040_00216_18306_6268.N1	30-AUG-2005 23:11:43	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	18306	No
167	GOM_NL__2PRFIN20050830_231326_000000352040_00216_18306_6269.N1	30-AUG-2005 23:13:26	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18306	No
168	GOM_NL__2PRFIN20050830_232521_000000382040_00216_18306_6270.N1	30-AUG-2005 23:25:21	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	18306	No
169	GOM_NL__2PRFIN20050830_233159_000000372040_00216_18306_6271.N1	30-AUG-2005 23:31:59	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18306	No
170	GOM_NL__2PRFIN20050830_235754_000000402040_00216_18306_6272.N1	30-AUG-2005 23:57:54	Dark	39.500	132	15Rho Pup	2.8030	6900.0	79	18306	No

3. Quality information per product

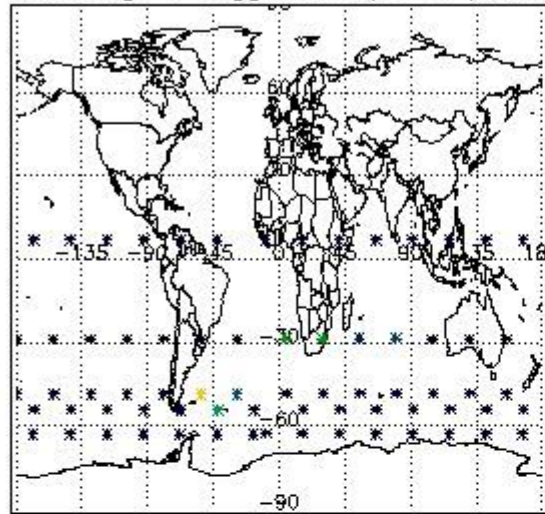
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

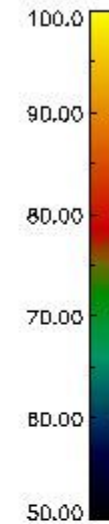
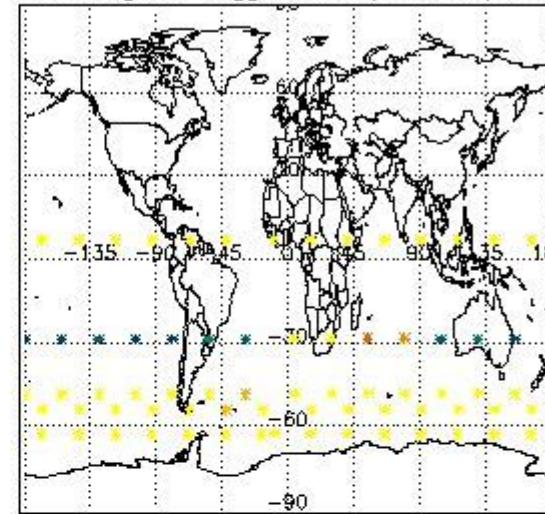


3.2 Plot quality information per product (world map)

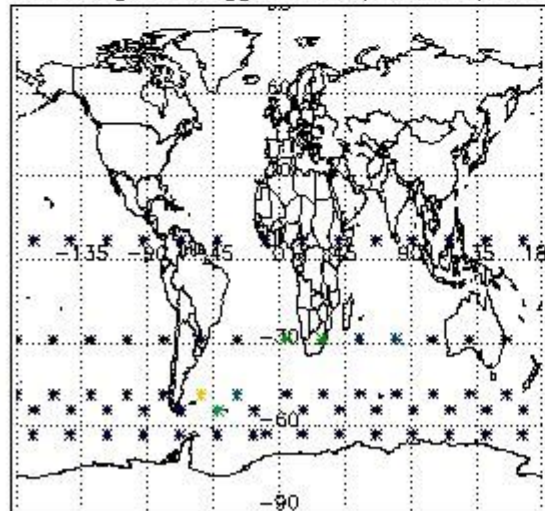
Percentage of flagged data per O3 profile



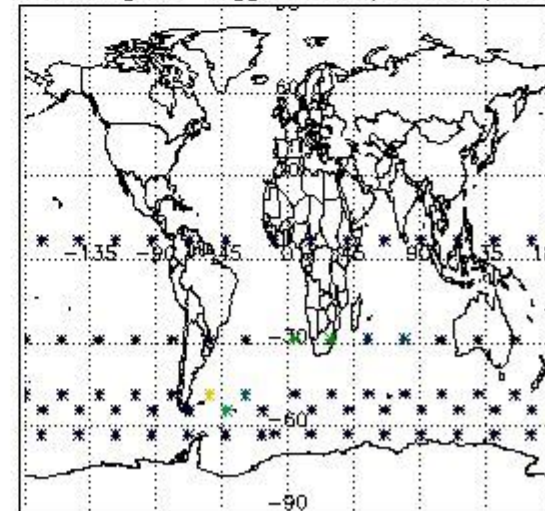
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

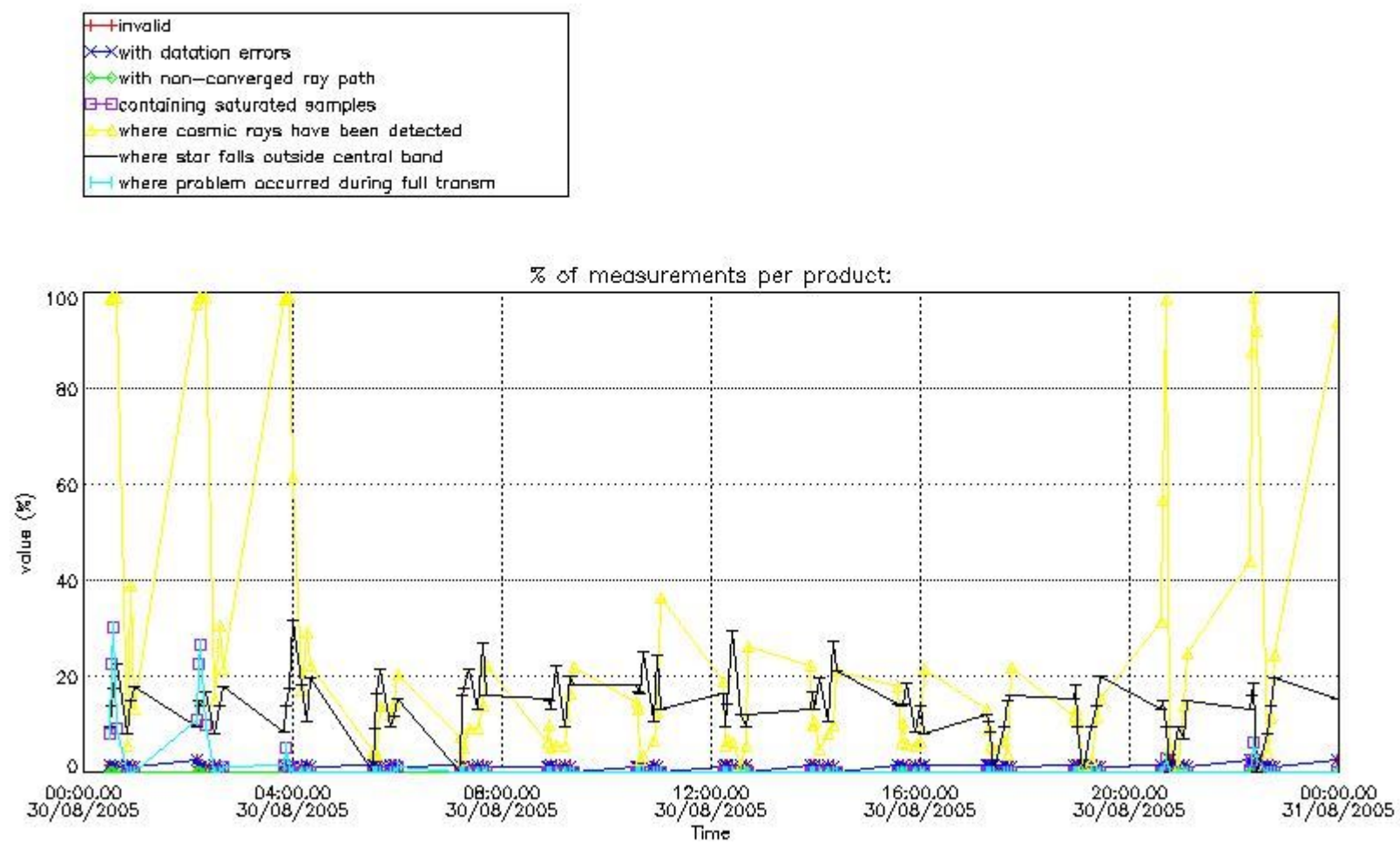


4. Level 1 quality information per product

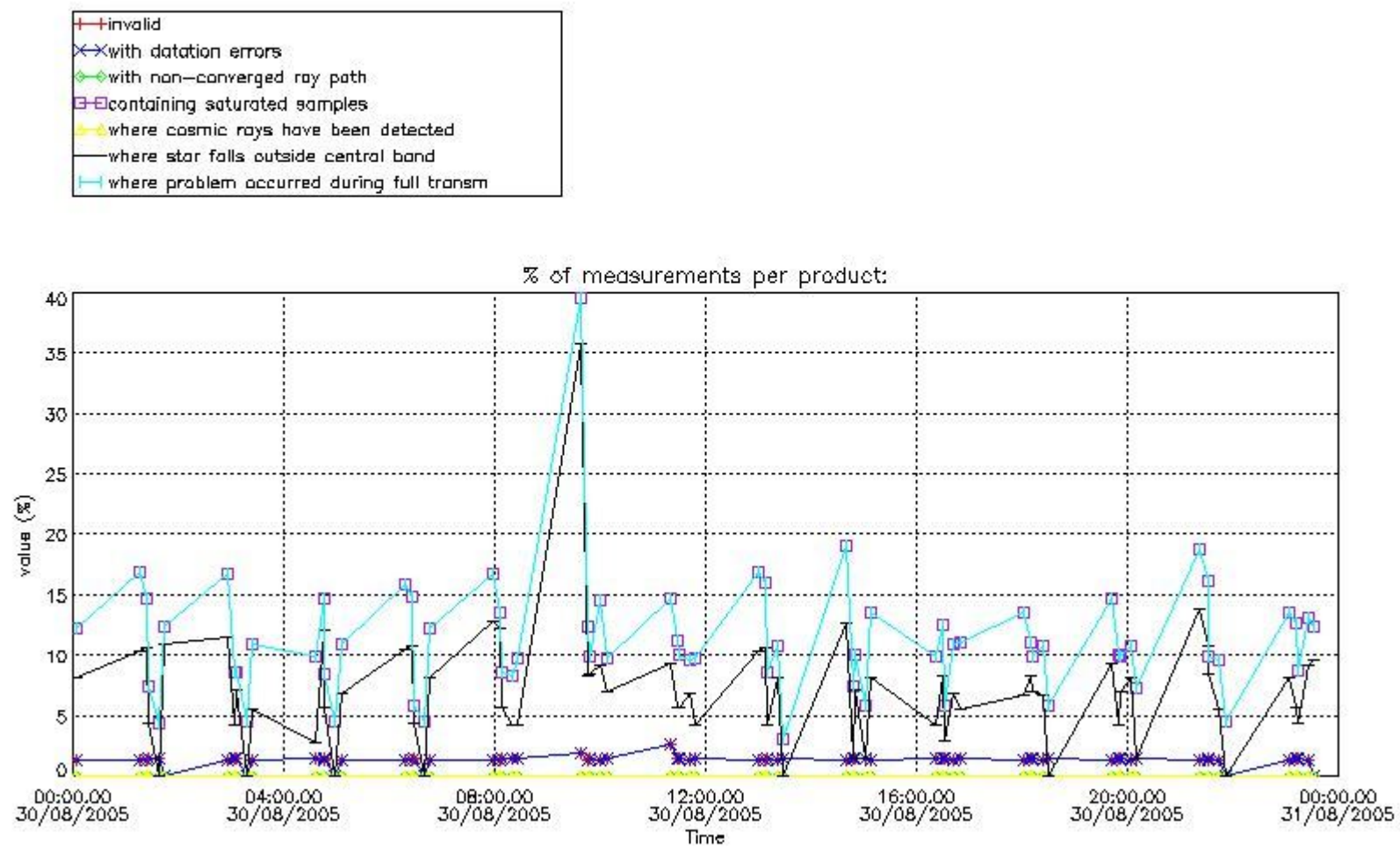
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



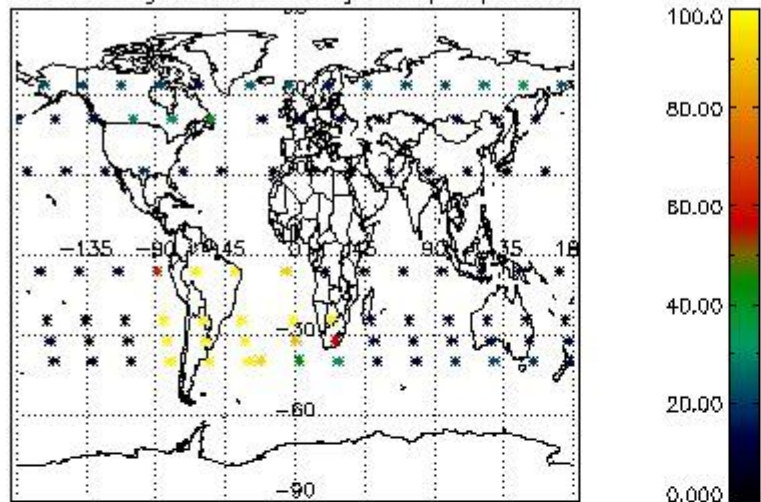
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



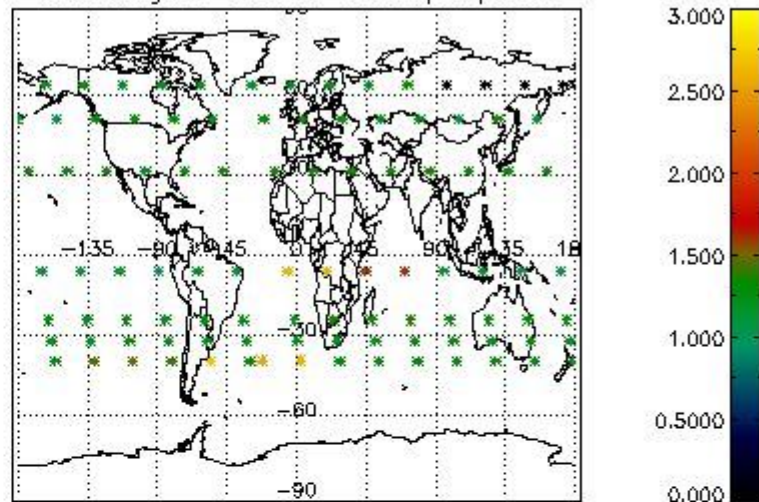
4.2 Plot quality information per product coming from level 1b processing (world map)

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

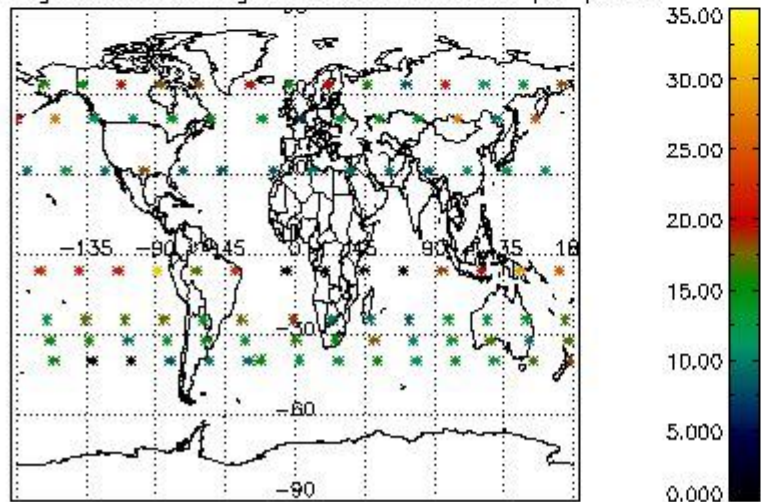
Percentage of cosmic ray hits per profile



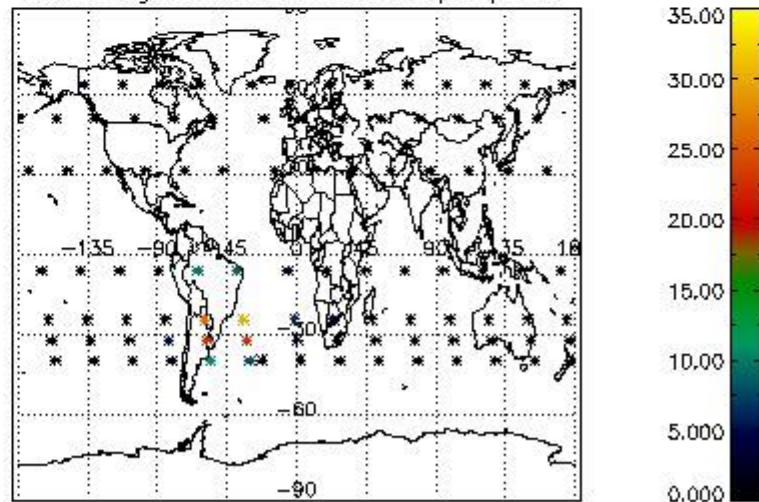
Percentage of datation errors per profile



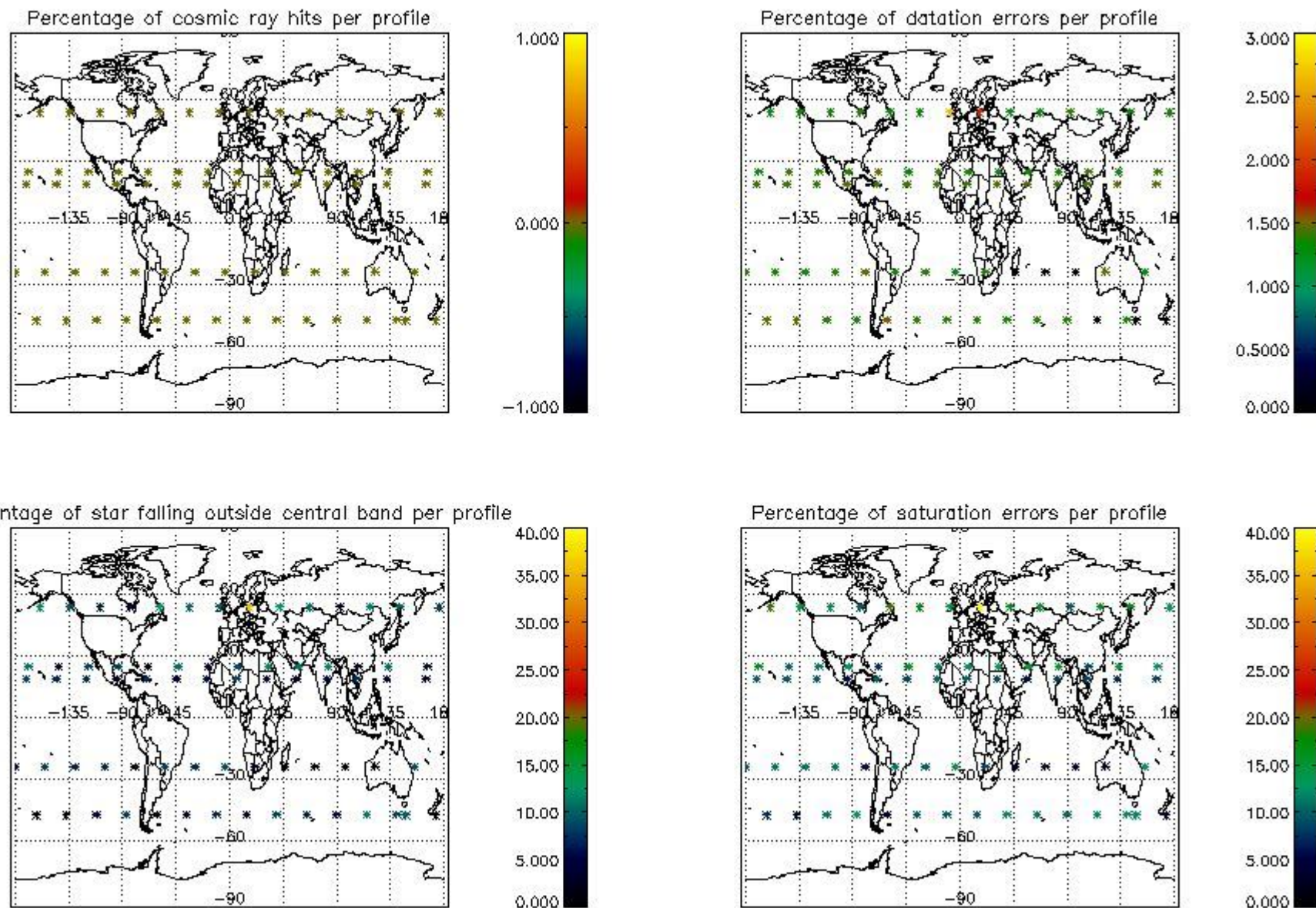
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

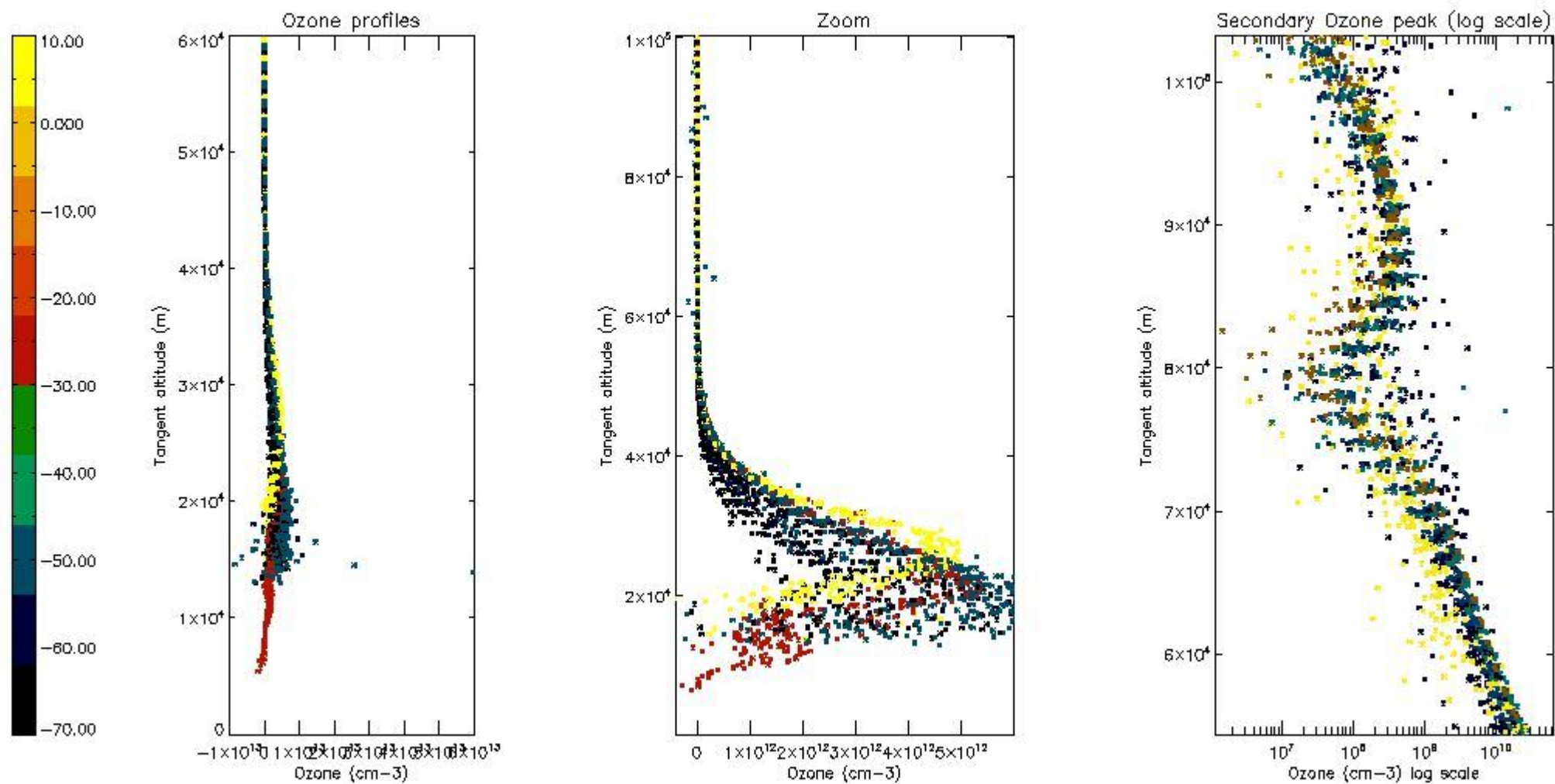
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	43
STD < 20	25

STD < 10	19
STD < 5	11

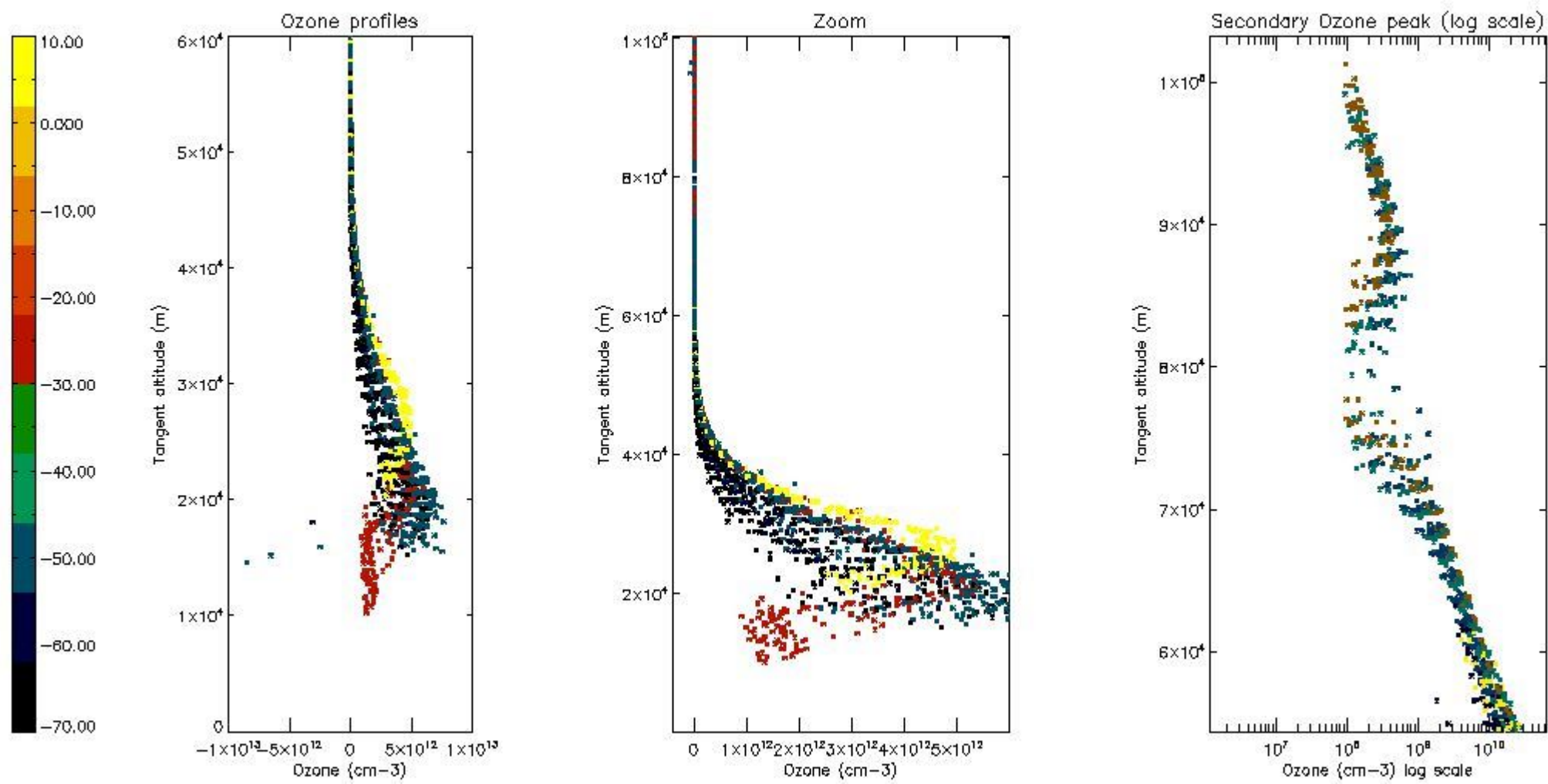
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



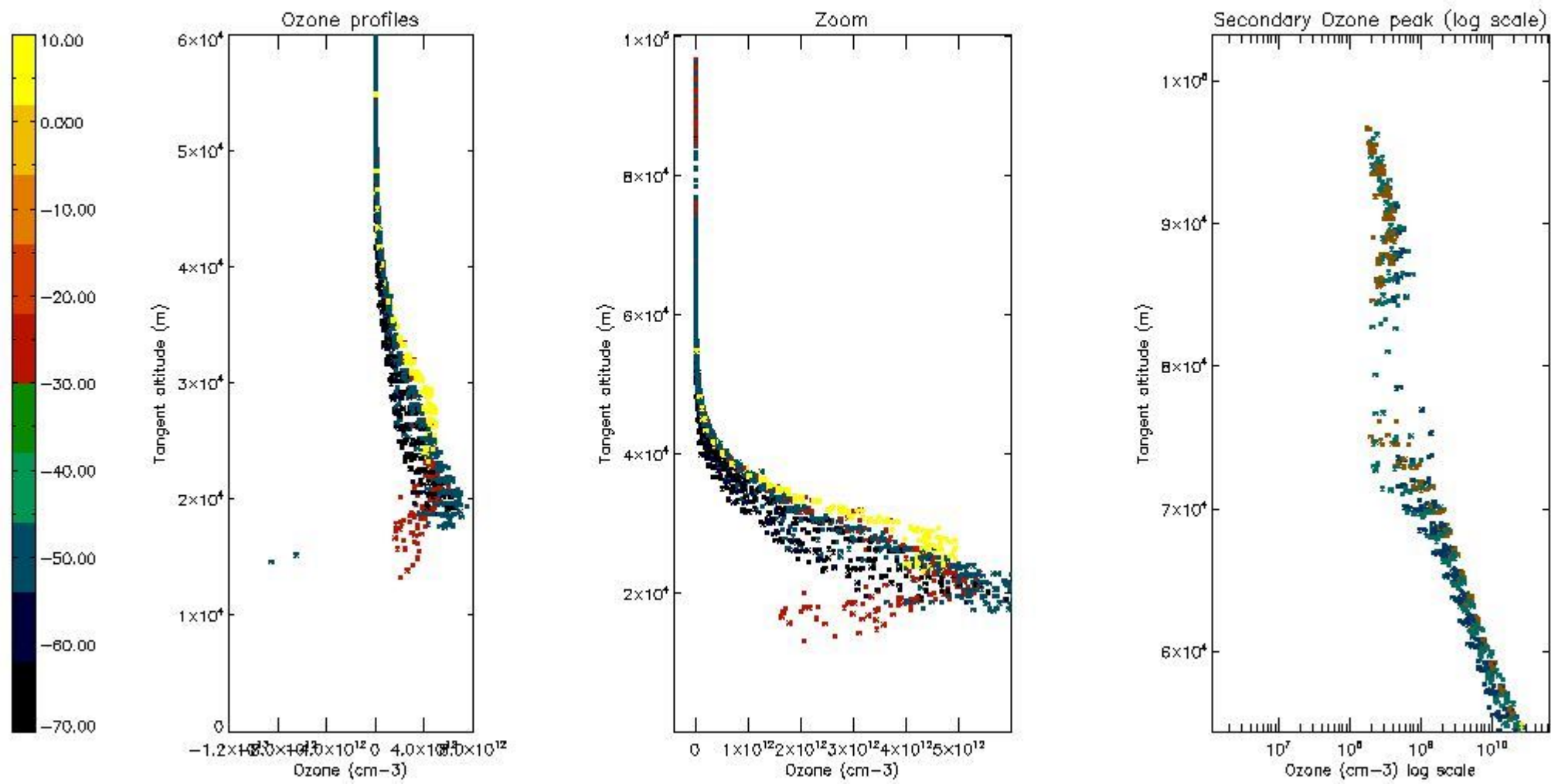
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



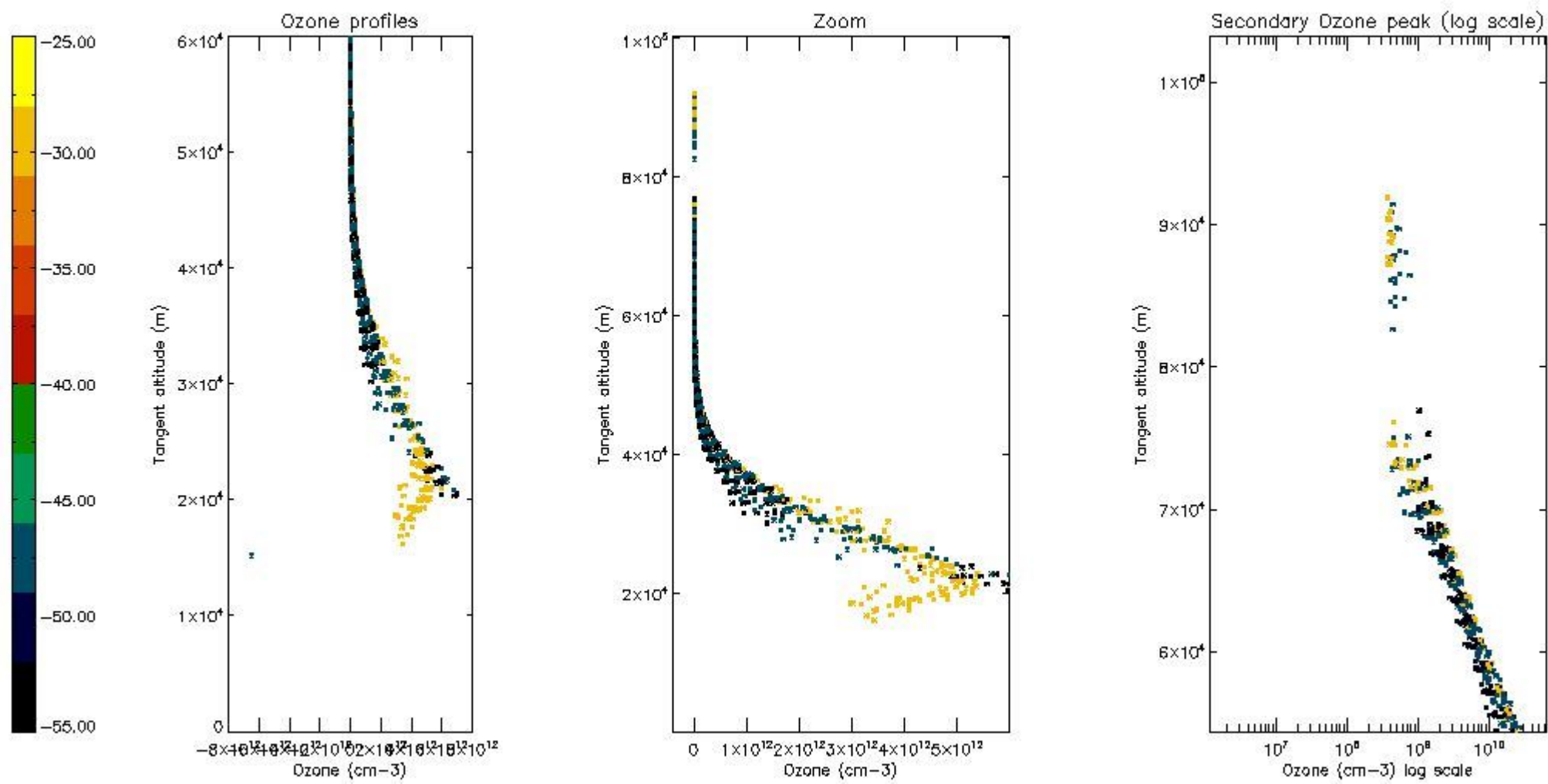
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



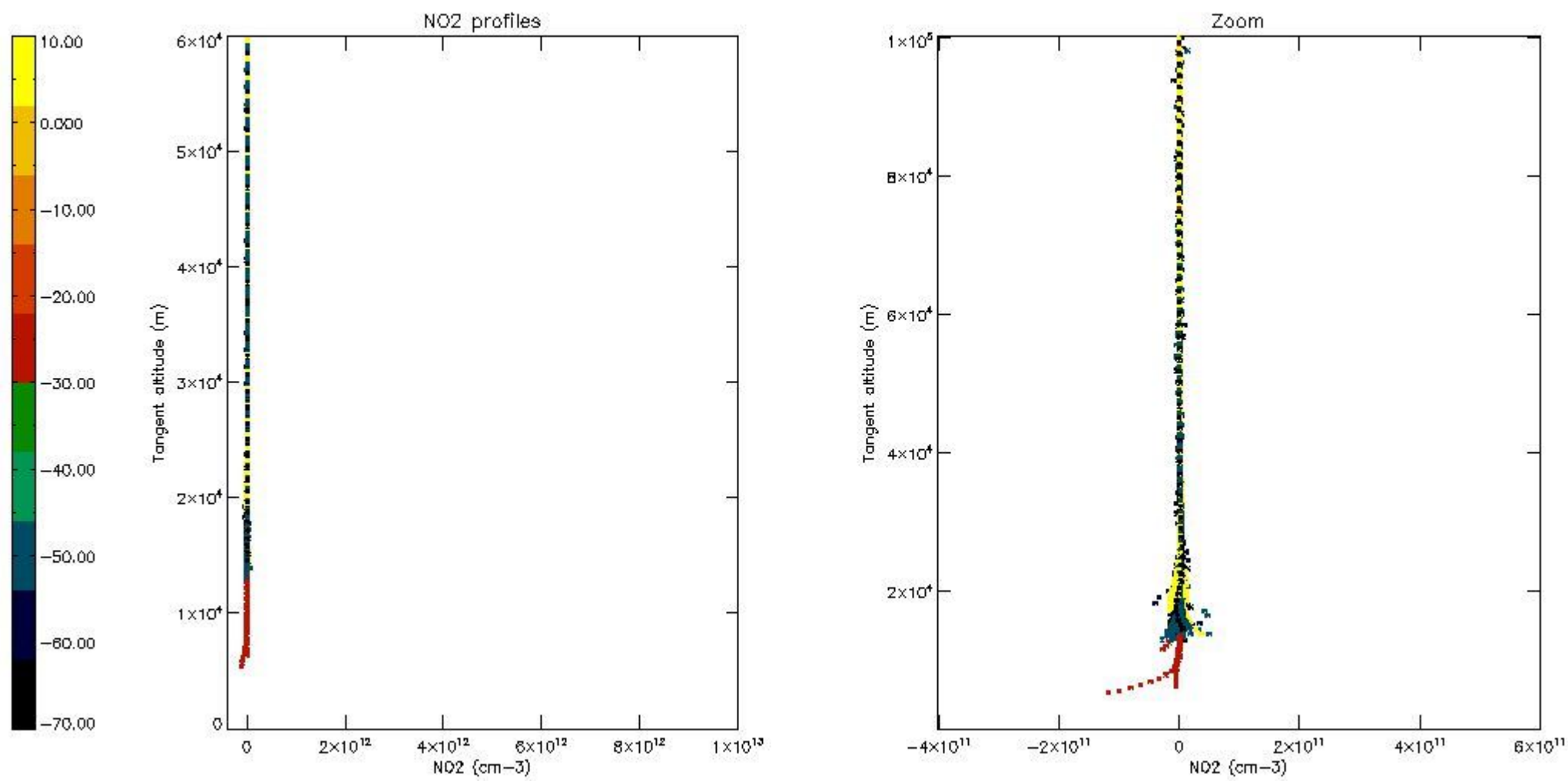
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



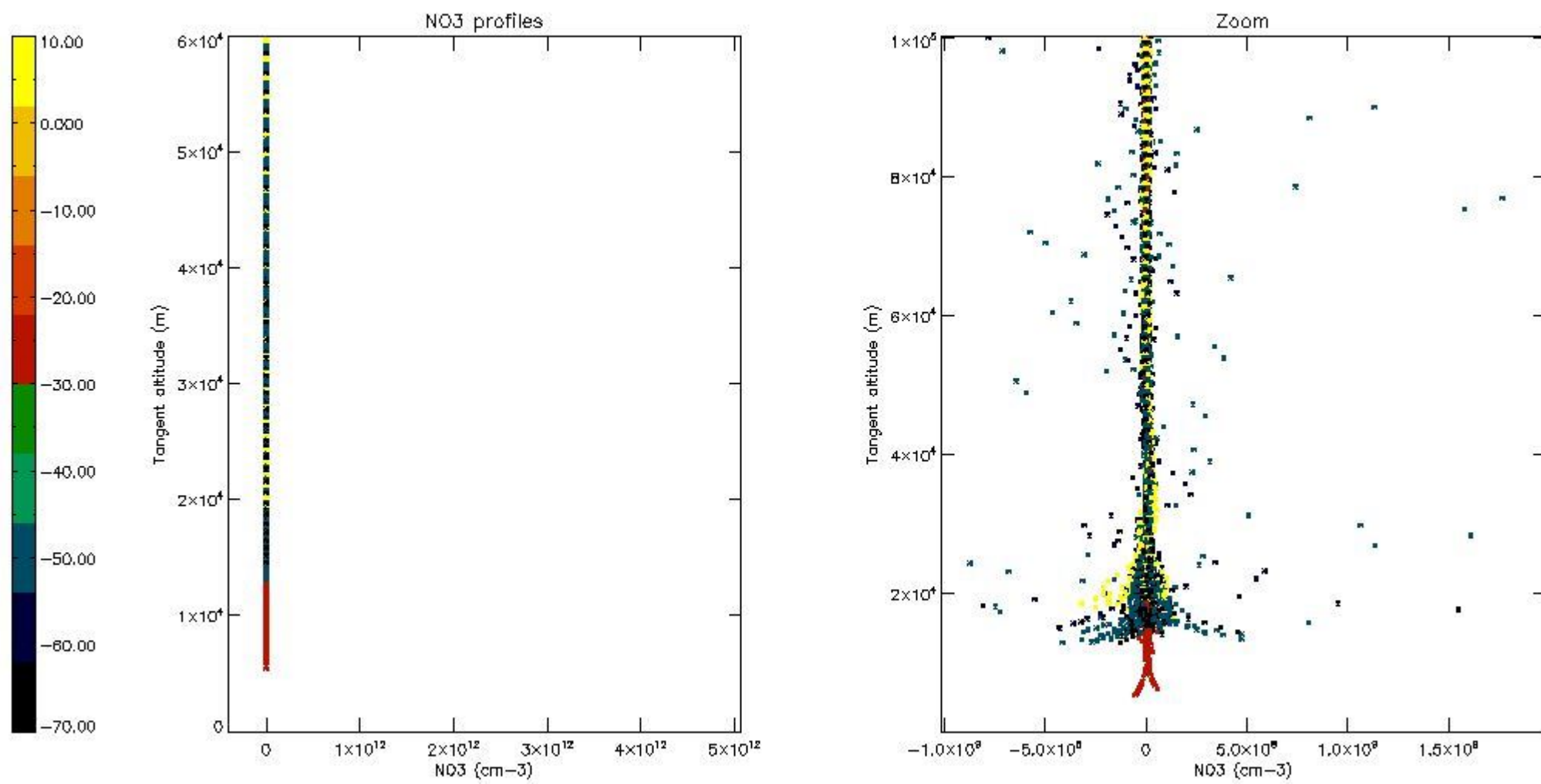
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



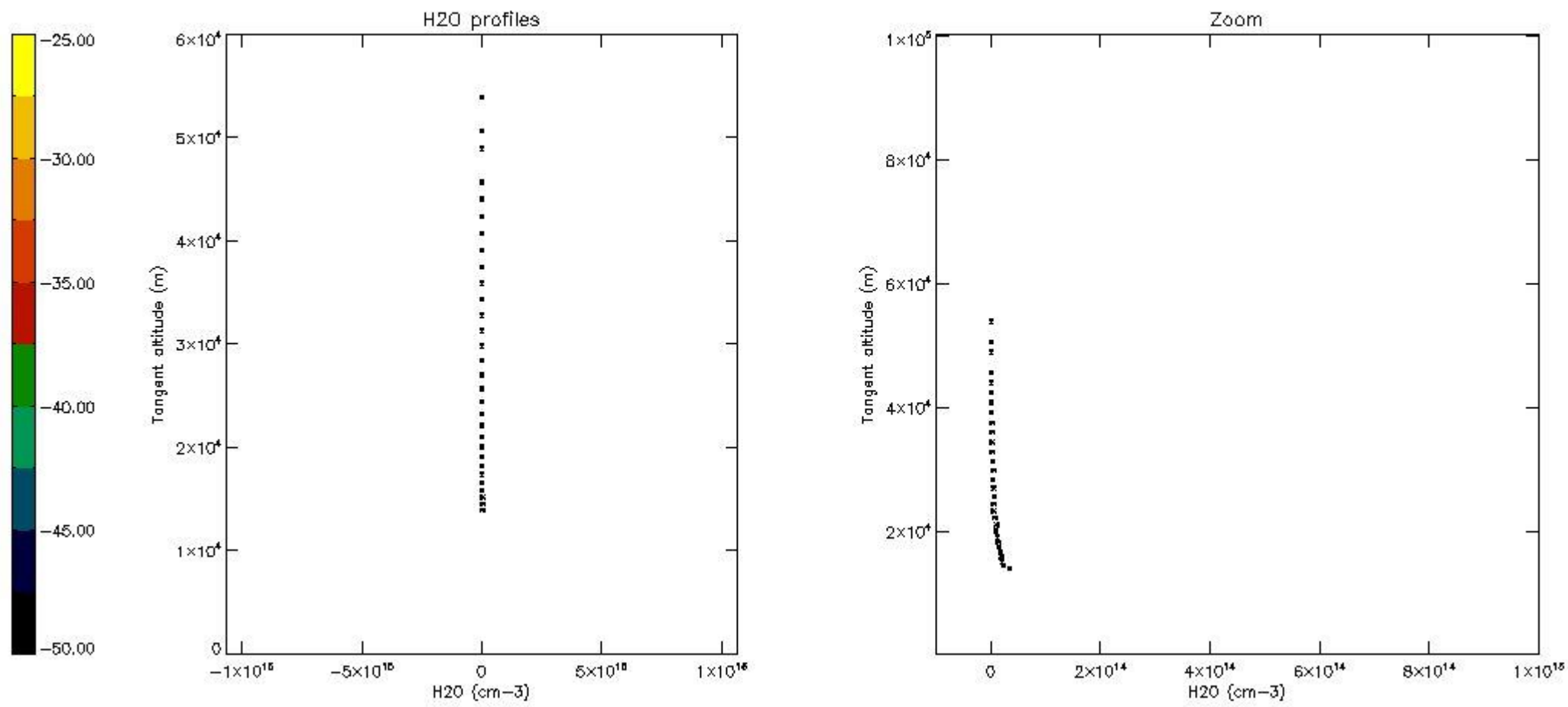
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



5.8 Plot H2O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 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	30-AUG-2005 00:03:31
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	30-AUG-2005 00:03:31
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	30-AUG-2005 00:03:31

GOMOS Level 2 Daily Report

SUMMARY

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[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	18APR2013 10:39:35
Data source version	GOMOS/6.01
Start time of products	30-08-2005 (30AUG2005 00:00:00)
Stop time of products	31-08-2005 (31AUG2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	170
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__2PRFIN20050830_000331_000000372040_00202_18292_6290.N1	30-AUG-2005 00:03:31	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	18292	No
2	GOM_NL__2PRFIN20050830_002928_000000382040_00202_18292_6291.N1	30-AUG-2005 00:29:28	Dark	37.500	132	15Rho Pup	2.8030	6900.0	75	18292	No
3	GOM_NL__2PRFIN20050830_003134_000000402040_00202_18292_6292.N1	30-AUG-2005 00:31:34	Dark	40.000	88	31Eta CMa	2.4480	20000.	80	18292	No
4	GOM_NL__2PRFIN20050830_003348_000000402040_00202_18292_6293.N1	30-AUG-2005 00:33:48	Dark	40.000	70	Zet Pup	2.2460	39000.	80	18292	No
5	GOM_NL__2PRFIN20050830_003854_000000452040_00202_18292_6294.N1	30-AUG-2005 00:38:54	Dark	44.500	2	Alp Car	-0.73600	7000.0	89	18292	No
6	GOM_NL__2PRFIN20050830_004923_000000372040_00203_18293_6283.N1	30-AUG-2005 00:49:23	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18293	No
7	GOM_NL__2PRFIN20050830_005456_000000402040_00203_18293_6284.N1	30-AUG-2005 00:54:56	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	18293	No
8	GOM_NL__2PRFIN20050830_005835_000000422040_00203_18293_6285.N1	30-AUG-2005 00:58:35	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	18293	No
9	GOM_NL__2PRFIN20050830_011542_000000392040_00203_18293_6286.N1	30-AUG-2005 01:15:42	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	18293	No
10	GOM_NL__2PRFIN20050830_012355_000000382040_00203_18293_6287.N1	30-AUG-2005 01:23:55	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	18293	No
11	GOM_NL__2PRFIN20050830_012536_000000342040_00203_18293_6288.N1	30-AUG-2005 01:25:36	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	18293	No
12	GOM_NL__2PRFIN20050830_013730_000000342040_00203_18293_6289.N1	30-AUG-2005 01:37:30	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	18293	No
13	GOM_NL__2PRFIN20050830_014408_000000372040_00203_18293_6290.N1	30-AUG-2005 01:44:08	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18293	No
14	GOM_NL__2PRFIN20050830_021004_000000372040_00203_18293_6291.N1	30-AUG-2005 02:10:04	Dark	37.000	132	15Rho Pup	2.8030	6900.0	74	18293	No
15	GOM_NL__2PRFIN20050830_021210_000000402040_00203_18293_6292.N1	30-AUG-2005 02:12:10	Dark	40.000	88	31Eta CMa	2.4480	20000.	80	18293	No
16	GOM_NL__2PRFIN20050830_021424_000000402040_00203_18293_6293.N1	30-AUG-2005 02:14:24	Dark	39.500	70	Zet Pup	2.2460	39000.	79	18293	No
17	GOM_NL__2PRFIN20050830_021930_000000422040_00203_18293_6294.N1	30-AUG-2005 02:19:30	Dark	41.500	2	Alp Car	-0.73600	7000.0	83	18293	No
18	GOM_NL__2PRFIN20050830_022959_000000372040_00204_18294_6283.N1	30-AUG-2005 02:29:59	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18294	No
19	GOM_NL__2PRFIN20050830_023532_000000402040_00204_18294_6284.N1	30-AUG-2005 02:35:32	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	18294	No
20	GOM_NL__2PRFIN20050830_023911_000000422040_00204_18294_6285.N1	30-AUG-2005 02:39:11	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	18294	No
21	GOM_NL__2PRFIN20050830_025618_000000392040_00204_18294_6286.N1	30-AUG-2005 02:56:18	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	18294	No
22	GOM_NL__2PRFIN20050830_030431_000000352040_00204_18294_6287.N1	30-AUG-2005 03:04:31	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	18294	No
23	GOM_NL__2PRFIN20050830_030612_000000352040_00204_18294_6288.N1	30-AUG-2005 03:06:12	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18294	No
24	GOM_NL__2PRFIN20050830_031806_000000342040_00204_18294_6289.N1	30-AUG-2005 03:18:06	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	18294	No
25	GOM_NL__2PRFIN20050830_032444_000000372040_00204_18294_6290.N1	30-AUG-2005 03:24:44	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18294	No
26	GOM_NL__2PRFIN20050830_035041_000000362040_00204_18294_6291.N1	30-AUG-2005 03:50:41	Dark	36.000	132	15Rho Pup	2.8030	6900.0	72	18294	No
27	GOM_NL__2PRFIN20050830_035246_000000402040_00204_18294_6292.N1	30-AUG-2005 03:52:46	Dark	40.000	88	31Eta CMa	2.4480	20000.	80	18294	No
28	GOM_NL__2PRFIN20050830_035500_000000402040_00204_18294_6293.N1	30-AUG-2005 03:55:00	Dark	40.000	70	Zet Pup	2.2460	39000.	80	18294	No
29	GOM_NL__2PRFIN20050830_040007_000000512040_00204_18294_6294.N1	30-AUG-2005 04:00:07	Dark	50.500	2	Alp Car	-0.73600	7000.0	101	18294	No
30	GOM_NL__2PRFIN20050830_041035_000000412040_00205_18295_6283.N1	30-AUG-2005 04:10:35	Dark	41.000	135	Bet Hyi	2.8200	5800.0	82	18295	No
31	GOM_NL__2PRFIN20050830_041609_000000382040_00205_18295_6284.N1	30-AUG-2005 04:16:09	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	18295	No
32	GOM_NL__2PRFIN20050830_041948_000000432040_00205_18295_6285.N1	30-AUG-2005 04:19:48	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	18295	No
33	GOM_NL__2PRFIN20050830_043655_000000362040_00205_18295_6286.N1	30-AUG-2005 04:36:55	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18295	No
34	GOM_NL__2PRFIN20050830_044507_000000382040_00205_18295_6287.N1	30-AUG-2005 04:45:07	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	18295	No
35	GOM_NL__2PRFIN20050830_044649_000000362040_00205_18295_6288.N1	30-AUG-2005 04:46:49	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18295	No
36	GOM_NL__2PRFIN20050830_045842_000000342040_00205_18295_6289.N1	30-AUG-2005 04:58:42	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	18295	No
37	GOM_NL__2PRFIN20050830_050520_000000372040_00205_18295_6290.N1	30-AUG-2005 05:05:20	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18295	No
38	GOM_NL__2PRFIN20050830_053117_000000342040_00205_18295_6291.N1	30-AUG-2005 05:31:17	Dark	33.500	132	15Rho Pup	2.8030	6900.0	67	18295	No
39	GOM_NL__2PRFIN20050830_053323_000000382040_00205_18295_6292.N1	30-AUG-2005 05:33:23	Dark	38.000	88	31Eta CMa	2.4480	20000.	76	18295	No
40	GOM_NL__2PRFIN20050830_053536_000000402040_00205_18295_6293.N1	30-AUG-2005 05:35:36	Dark	39.500	70	Zet Pup	2.2460	39000.	79	18295	No
41	GOM_NL__2PRFIN20050830_054043_000000442040_00205_18295_6294.N1	30-AUG-2005 05:40:43	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	18295	No
42	GOM_NL__2PRFIN20050830_055111_000000372040_00206_18296_6283.N1	30-AUG-2005 05:51:11	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18296	No

43	GOM_NL__2PRFIN20050830_055645_000000392040_00206_18296_6284.N1	30-AUG-2005 05:56:45	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	18296	No
44	GOM_NL__2PRFIN20050830_060024_000000402040_00206_18296_6285.N1	30-AUG-2005 06:00:24	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	18296	No
45	GOM_NL__2PRFIN20050830_061731_000000382040_00206_18296_6286.N1	30-AUG-2005 06:17:31	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	18296	No
46	GOM_NL__2PRFIN20050830_062543_000000372040_00206_18296_6287.N1	30-AUG-2005 06:25:43	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	18296	No
47	GOM_NL__2PRFIN20050830_062725_000000352040_00206_18296_6288.N1	30-AUG-2005 06:27:25	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18296	No
48	GOM_NL__2PRFIN20050830_063919_000000332040_00206_18296_6289.N1	30-AUG-2005 06:39:19	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	18296	No
49	GOM_NL__2PRFIN20050830_064556_000000372040_00206_18296_6290.N1	30-AUG-2005 06:45:56	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	18296	No
50	GOM_NL__2PRFIN20050830_071153_000000342040_00206_18296_6291.N1	30-AUG-2005 07:11:53	Dark	34.000	132	15Rho Pup	2.8030	6900.0	68	18296	No
51	GOM_NL__2PRFIN20050830_071359_000000412040_00206_18296_6292.N1	30-AUG-2005 07:13:59	Dark	41.000	88	31Eta CMa	2.4480	20000.	82	18296	No
52	GOM_NL__2PRFIN20050830_071612_000000412040_00206_18296_6293.N1	30-AUG-2005 07:16:12	Dark	40.500	70	Zet Pup	2.2460	39000.	81	18296	No
53	GOM_NL__2PRFIN20050830_072119_000000442040_00206_18296_6294.N1	30-AUG-2005 07:21:19	Dark	44.000	2	Alp Car	-0.73600	7000.0	88	18296	No
54	GOM_NL__2PRFIN20050830_073147_000000392040_00207_18297_6284.N1	30-AUG-2005 07:31:47	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	18297	No
55	GOM_NL__2PRFIN20050830_073721_000000472040_00207_18297_6285.N1	30-AUG-2005 07:37:21	Straylight	46.500	148	Alp Tuc	2.8780	4100.0	93	18297	No
56	GOM_NL__2PRFIN20050830_074100_000000412040_00207_18297_6286.N1	30-AUG-2005 07:41:00	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	18297	No
57	GOM_NL__2PRFIN20050830_075807_000000392040_00207_18297_6287.N1	30-AUG-2005 07:58:07	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	18297	No
58	GOM_NL__2PRFIN20050830_080619_000000372040_00207_18297_6288.N1	30-AUG-2005 08:06:19	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	18297	No
59	GOM_NL__2PRFIN20050830_080801_000000352040_00207_18297_6289.N1	30-AUG-2005 08:08:01	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18297	No
60	GOM_NL__2PRFIN20050830_081955_000000362040_00207_18297_6290.N1	30-AUG-2005 08:19:55	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18297	No
61	GOM_NL__2PRFIN20050830_082633_000000362040_00207_18297_6291.N1	30-AUG-2005 08:26:33	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	18297	No
62	GOM_NL__2PRFIN20050830_085229_000000402040_00207_18297_6292.N1	30-AUG-2005 08:52:29	Dark	39.500	132	15Rho Pup	2.8030	6900.0	79	18297	No
63	GOM_NL__2PRFIN20050830_085435_000000412040_00207_18297_6293.N1	30-AUG-2005 08:54:35	Dark	40.500	88	31Eta CMa	2.4480	20000.	81	18297	No
64	GOM_NL__2PRFIN20050830_085648_000000392040_00207_18297_6294.N1	30-AUG-2005 08:56:48	Dark	38.500	70	Zet Pup	2.2460	39000.	77	18297	No
65	GOM_NL__2PRFIN20050830_090156_000000452040_00207_18297_6295.N1	30-AUG-2005 09:01:56	Dark	45.000	2	Alp Car	-0.73600	7000.0	90	18297	No
66	GOM_NL__2PRFIN20050830_091223_000000372040_00208_18298_6285.N1	30-AUG-2005 09:12:23	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18298	No
67	GOM_NL__2PRFIN20050830_091757_000000432040_00208_18298_6286.N1	30-AUG-2005 09:17:57	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	18298	No
68	GOM_NL__2PRFIN20050830_092136_000000412040_00208_18298_6287.N1	30-AUG-2005 09:21:36	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	18298	No
69	GOM_NL__2PRFIN20050830_093843_000000532040_00208_18298_6288.N1	30-AUG-2005 09:38:43	Bright	53.000	11	53Alp Aql	0.76500	8000.0	106	18298	No
70	GOM_NL__2PRFIN20050830_094655_000000372040_00208_18298_6289.N1	30-AUG-2005 09:46:55	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	18298	No
71	GOM_NL__2PRFIN20050830_094837_000000362040_00208_18298_6290.N1	30-AUG-2005 09:48:37	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18298	No
72	GOM_NL__2PRFIN20050830_100031_000000382040_00208_18298_6291.N1	30-AUG-2005 10:00:31	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	18298	No
73	GOM_NL__2PRFIN20050830_100709_000000362040_00208_18298_6292.N1	30-AUG-2005 10:07:09	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	18298	No
74	GOM_NL__2PRFIN20050830_103305_000000412040_00208_18298_6293.N1	30-AUG-2005 10:33:05	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	18298	No
75	GOM_NL__2PRFIN20050830_103512_000000422040_00208_18298_6294.N1	30-AUG-2005 10:35:12	Dark	41.500	88	31Eta CMa	2.4480	20000.	83	18298	No
76	GOM_NL__2PRFIN20050830_103724_000000402040_00208_18298_6295.N1	30-AUG-2005 10:37:24	Dark	39.500	70	Zet Pup	2.2460	39000.	79	18298	No
77	GOM_NL__2PRFIN20050830_104232_000000462040_00208_18298_6296.N1	30-AUG-2005 10:42:32	Dark	46.000	2	Alp Car	-0.73600	7000.0	92	18298	No
78	GOM_NL__2PRFIN20050830_105300_000000382040_00209_18299_6285.N1	30-AUG-2005 10:53:00	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18299	No
79	GOM_NL__2PRFIN20050830_105833_000000452040_00209_18299_6286.N1	30-AUG-2005 10:58:33	Straylight	45.000	148	Alp Tuc	2.8780	4100.0	90	18299	No
80	GOM_NL__2PRFIN20050830_110212_000000392040_00209_18299_6287.N1	30-AUG-2005 11:02:12	Straylight	38.500	31	Alp Gru	1.7340	15200.	77	18299	No
81	GOM_NL__2PRFIN20050830_111920_000000382040_00209_18299_6288.N1	30-AUG-2005 11:19:20	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	18299	No
82	GOM_NL__2PRFIN20050830_112731_000000362040_00209_18299_6289.N1	30-AUG-2005 11:27:31	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	18299	No
83	GOM_NL__2PRFIN20050830_112913_000000352040_00209_18299_6290.N1	30-AUG-2005 11:29:13	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18299	No
84	GOM_NL__2PRFIN20050830_114107_000000372040_00209_18299_6291.N1	30-AUG-2005 11:41:07	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18299	No
85	GOM_NL__2PRFIN20050830_114745_000000362040_00209_18299_6292.N1	30-AUG-2005 11:47:45	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	18299	No
86	GOM_NL__2PRFIN20050830_121341_000000402040_00209_18299_6293.N1	30-AUG-2005 12:13:41	Dark	39.500	132	15Rho Pup	2.8030	6900.0	79	18299	No
87	GOM_NL__2PRFIN20050830_121548_000000382040_00209_18299_6294.N1	30-AUG-2005 12:15:48	Dark	37.500	88	31Eta CMa	2.4480	20000.	75	18299	No
88	GOM_NL__2PRFIN20050830_121800_000000392040_00209_18299_6295.N1	30-AUG-2005 12:18:00	Dark	38.500	70	Zet Pup	2.2460	39000.	77	18299	No
89	GOM_NL__2PRFIN20050830_122308_000000502040_00209_18299_6296.N1	30-AUG-2005 12:23:08	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	18299	No
90	GOM_NL__2PRFIN20050830_123336_000000382040_00210_18300_6285.N1	30-AUG-2005 12:33:36	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18300	No
91	GOM_NL__2PRFIN20050830_123909_000000372040_00210_18300_6286.N1	30-AUG-2005 12:39:09	Straylight	37.000	148	Alp Tuc	2.8780	4100.0	74	18300	No
92	GOM_NL__2PRFIN20050830_124248_000000382040_00210_18300_6287.N1	30-AUG-2005 12:42:48	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	18300	No
93	GOM_NL__2PRFIN20050830_125956_000000392040_00210_18300_6288.N1	30-AUG-2005 12:59:56	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	18300	No
94	GOM_NL__2PRFIN20050830_130807_000000382040_00210_18300_6289.N1	30-AUG-2005 13:08:07	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	18300	No
95	GOM_NL__2PRFIN20050830_130949_000000352040_00210_18300_6290.N1	30-AUG-2005 13:09:49	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18300	No
96	GOM_NL__2PRFIN20050830_132143_000000372040_00210_18300_6291.N1	30-AUG-2005 13:21:43	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	18300	No
97	GOM_NL__2PRFIN20050830_132821_000000332040_00210_18300_6292.N1	30-AUG-2005 13:28:21	Bright	33.000	36	50Alp UMa	1.8000	6300.0	66	18300	No
98	GOM_NL__2PRFIN20050830_135418_000000392040_00210_18300_6293.N1	30-AUG-2005 13:54:18	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	18300	No
99	GOM_NL__2PRFIN20050830_135624_000000422040_00210_18300_6294.N1	30-AUG-2005 13:56:24	Dark	41.500	88	31Eta CMa	2.4480	20000.	83	18300	No
100	GOM_NL__2PRFIN20050830_135837_000000382040_00210_18300_6295.N1	30-AUG-2005 13:58:37	Dark	38.000	70	Zet Pup	2.2460	39000.	76	18300	No
101	GOM_NL__2PRFIN20050830_140345_000000432040_00210_18300_6296.N1	30-AUG-2005 14:03:45	Dark	43.000	2	Alp Car	-0.73600	7000.0	86	18300	No

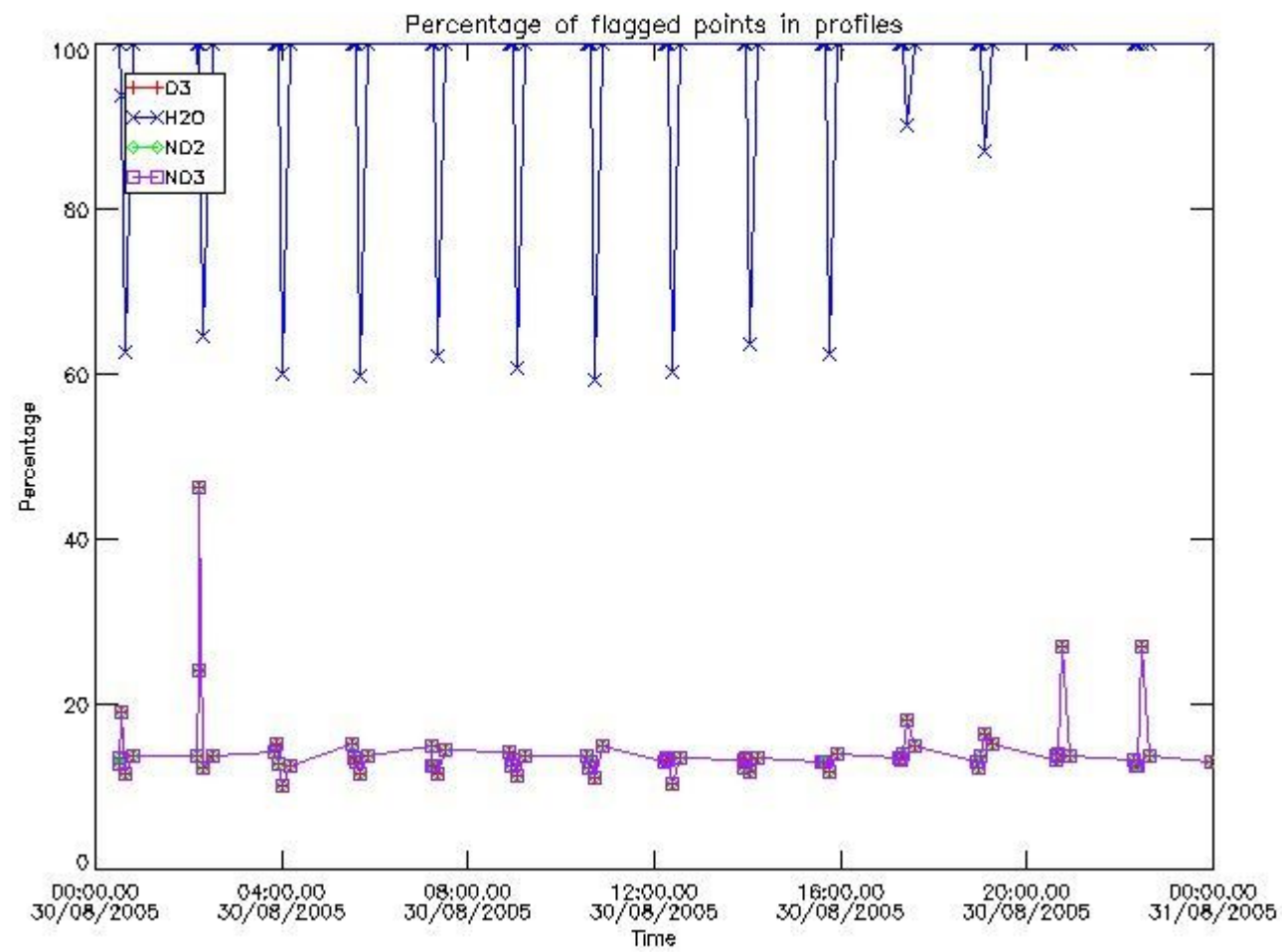
102	GOM_NL__2PRFIN20050830_141412_000000382040_00211_18301_6285.N1	30-AUG-2005 14:14:12	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18301	No
103	GOM_NL__2PRFIN20050830_141946_000000462040_00211_18301_6286.N1	30-AUG-2005 14:19:46	Straylight	46.000	148	Alp Tuc	2.8780	4100.0	92	18301	No
104	GOM_NL__2PRFIN20050830_142325_000000432040_00211_18301_6287.N1	30-AUG-2005 14:23:25	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	18301	No
105	GOM_NL__2PRFIN20050830_144032_000000402040_00211_18301_6288.N1	30-AUG-2005 14:40:32	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	18301	No
106	GOM_NL__2PRFIN20050830_144843_000000342040_00211_18301_6289.N1	30-AUG-2005 14:48:43	Bright	33.500	66	37Gam Cyg	2.2080	5900.0	67	18301	No
107	GOM_NL__2PRFIN20050830_145025_000000352040_00211_18301_6290.N1	30-AUG-2005 14:50:25	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18301	No
108	GOM_NL__2PRFIN20050830_150220_000000352040_00211_18301_6291.N1	30-AUG-2005 15:02:20	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	18301	No
109	GOM_NL__2PRFIN20050830_150857_000000372040_00211_18301_6292.N1	30-AUG-2005 15:08:57	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	18301	No
110	GOM_NL__2PRFIN20050830_153454_000000392040_00211_18301_6293.N1	30-AUG-2005 15:34:54	Dark	39.000	132	15Rho Pup	2.8030	6900.0	78	18301	No
111	GOM_NL__2PRFIN20050830_153701_000000402040_00211_18301_6294.N1	30-AUG-2005 15:37:01	Dark	39.500	88	31Eta CMa	2.4480	20000.	79	18301	No
112	GOM_NL__2PRFIN20050830_153913_000000392040_00211_18301_6295.N1	30-AUG-2005 15:39:13	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18301	No
113	GOM_NL__2PRFIN20050830_154421_000000432040_00211_18301_6296.N1	30-AUG-2005 15:44:21	Dark	43.000	2	Alp Car	-0.73600	7000.0	86	18301	No
114	GOM_NL__2PRFIN20050830_155448_000000372040_00212_18302_6285.N1	30-AUG-2005 15:54:48	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	18302	No
115	GOM_NL__2PRFIN20050830_160022_000000402040_00212_18302_6286.N1	30-AUG-2005 16:00:22	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	18302	No
116	GOM_NL__2PRFIN20050830_160401_000000382040_00212_18302_6287.N1	30-AUG-2005 16:04:01	Straylight	37.500	31	Alp Gru	1.7340	15200.	75	18302	No
117	GOM_NL__2PRFIN20050830_162108_000000362040_00212_18302_6288.N1	30-AUG-2005 16:21:08	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	18302	No
118	GOM_NL__2PRFIN20050830_162919_000000362040_00212_18302_6289.N1	30-AUG-2005 16:29:19	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	18302	No
119	GOM_NL__2PRFIN20050830_163102_000000342040_00212_18302_6290.N1	30-AUG-2005 16:31:02	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	18302	No
120	GOM_NL__2PRFIN20050830_164256_000000372040_00212_18302_6291.N1	30-AUG-2005 16:42:56	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18302	No
121	GOM_NL__2PRFIN20050830_164934_000000362040_00212_18302_6292.N1	30-AUG-2005 16:49:34	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	18302	No
122	GOM_NL__2PRFIN20050830_171530_000000382040_00212_18302_6293.N1	30-AUG-2005 17:15:30	Dark	38.000	132	15Rho Pup	2.8030	6900.0	76	18302	No
123	GOM_NL__2PRFIN20050830_171737_000000392040_00212_18302_6294.N1	30-AUG-2005 17:17:37	Dark	38.500	88	31Eta CMa	2.4480	20000.	77	18302	No
124	GOM_NL__2PRFIN20050830_171949_000000372040_00212_18302_6295.N1	30-AUG-2005 17:19:49	Dark	36.500	70	Zet Pup	2.2460	39000.	73	18302	No
125	GOM_NL__2PRFIN20050830_172458_000000312040_00212_18302_6296.N1	30-AUG-2005 17:24:58	Dark	31.000	2	Alp Car	-0.73600	7000.0	62	18302	No
126	GOM_NL__2PRFIN20050830_173524_000000382040_00213_18303_6285.N1	30-AUG-2005 17:35:24	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18303	No
127	GOM_NL__2PRFIN20050830_174058_000000402040_00213_18303_6286.N1	30-AUG-2005 17:40:58	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	18303	No
128	GOM_NL__2PRFIN20050830_174437_000000412040_00213_18303_6287.N1	30-AUG-2005 17:44:37	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	18303	No
129	GOM_NL__2PRFIN20050830_180144_000000372040_00213_18303_6288.N1	30-AUG-2005 18:01:44	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	18303	No
130	GOM_NL__2PRFIN20050830_180955_000000362040_00213_18303_6289.N1	30-AUG-2005 18:09:55	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	18303	No
131	GOM_NL__2PRFIN20050830_181138_000000362040_00213_18303_6290.N1	30-AUG-2005 18:11:38	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18303	No
132	GOM_NL__2PRFIN20050830_182332_000000372040_00213_18303_6291.N1	30-AUG-2005 18:23:32	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	18303	No
133	GOM_NL__2PRFIN20050830_183010_000000342040_00213_18303_6292.N1	30-AUG-2005 18:30:10	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	18303	No
134	GOM_NL__2PRFIN20050830_185606_000000392040_00213_18303_6293.N1	30-AUG-2005 18:56:06	Dark	39.000	132	15Rho Pup	2.8030	6900.0	78	18303	No
135	GOM_NL__2PRFIN20050830_185813_000000422040_00213_18303_6294.N1	30-AUG-2005 18:58:13	Dark	41.500	88	31Eta CMa	2.4480	20000.	83	18303	No
136	GOM_NL__2PRFIN20050830_190025_000000372040_00213_18303_6295.N1	30-AUG-2005 19:00:25	Dark	37.000	70	Zet Pup	2.2460	39000.	74	18303	No
137	GOM_NL__2PRFIN20050830_190534_000000312040_00213_18303_6296.N1	30-AUG-2005 19:05:34	Dark	31.000	2	Alp Car	-0.73600	7000.0	62	18303	No
138	GOM_NL__2PRFIN20050830_191600_000000372040_00214_18304_6285.N1	30-AUG-2005 19:16:00	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18304	No
139	GOM_NL__2PRFIN20050830_192134_000000402040_00214_18304_6286.N1	30-AUG-2005 19:21:34	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	18304	No
140	GOM_NL__2PRFIN20050830_192513_000000432040_00214_18304_6287.N1	30-AUG-2005 19:25:13	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	18304	No
141	GOM_NL__2PRFIN20050830_194221_000000382040_00214_18304_6288.N1	30-AUG-2005 19:42:21	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	18304	No
142	GOM_NL__2PRFIN20050830_195031_000000352040_00214_18304_6289.N1	30-AUG-2005 19:50:31	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	18304	No
143	GOM_NL__2PRFIN20050830_195214_000000362040_00214_18304_6290.N1	30-AUG-2005 19:52:14	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18304	No
144	GOM_NL__2PRFIN20050830_200408_000000372040_00214_18304_6291.N1	30-AUG-2005 20:04:08	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	18304	No
145	GOM_NL__2PRFIN20050830_201046_000000352040_00214_18304_6292.N1	30-AUG-2005 20:10:46	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	18304	No
146	GOM_NL__2PRFIN20050830_203642_000000392040_00214_18304_6293.N1	30-AUG-2005 20:36:42	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	18304	No
147	GOM_NL__2PRFIN20050830_203850_000000412040_00214_18304_6294.N1	30-AUG-2005 20:38:50	Dark	40.500	88	31Eta CMa	2.4480	20000.	81	18304	No
148	GOM_NL__2PRFIN20050830_204101_000000372040_00214_18304_6295.N1	30-AUG-2005 20:41:01	Dark	36.500	70	Zet Pup	2.2460	39000.	73	18304	No
149	GOM_NL__2PRFIN20050830_204610_000000192040_00214_18304_6296.N1	30-AUG-2005 20:46:10	Dark	19.000	2	Alp Car	-0.73600	7000.0	38	18304	No
150	GOM_NL__2PRFIN20050830_205636_000000372040_00215_18305_6262.N1	30-AUG-2005 20:56:36	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18305	No
151	GOM_NL__2PRFIN20050830_210210_000000372040_00215_18305_6263.N1	30-AUG-2005 21:02:10	Straylight	36.500	148	Alp Tuc	2.8780	4100.0	73	18305	No
152	GOM_NL__2PRFIN20050830_210549_000000412040_00215_18305_6264.N1	30-AUG-2005 21:05:49	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	18305	No
153	GOM_NL__2PRFIN20050830_212257_000000402040_00215_18305_6265.N1	30-AUG-2005 21:22:57	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	18305	No
154	GOM_NL__2PRFIN20050830_213107_000000372040_00215_18305_6266.N1	30-AUG-2005 21:31:07	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	18305	No
155	GOM_NL__2PRFIN20050830_213250_000000362040_00215_18305_6267.N1	30-AUG-2005 21:32:50	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18305	No
156	GOM_NL__2PRFIN20050830_214445_000000372040_00215_18305_6268.N1	30-AUG-2005 21:44:45	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18305	No
157	GOM_NL__2PRFIN20050830_215123_000000332040_00215_18305_6269.N1	30-AUG-2005 21:51:23	Bright	33.000	36	50Alp UMa	1.8000	6300.0	66	18305	No
158	GOM_NL__2PRFIN20050830_221718_000000392040_00215_18305_6270.N1	30-AUG-2005 22:17:18	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	18305	No
159	GOM_NL__2PRFIN20050830_221926_000000412040_00215_18305_6271.N1	30-AUG-2005 22:19:26	Dark	40.500	88	31Eta CMa	2.4480	20000.	81	18305	No
160	GOM_NL__2PRFIN20050830_222137_000000412040_00215_18305_6272.N1	30-AUG-2005 22:21:37	Dark	40.500	70	Zet Pup	2.2460	39000.	81	18305	No

161	GOM_NL__2PRFIN20050830_222647_000000192040_00215_18305_6273.N1	30-AUG-2005 22:26:47	Dark	19.000	2	Alp Car	-0.73600	7000.0	38	18305	No
162	GOM_NL__2PRFIN20050830_223712_000000372040_00216_18306_6264.N1	30-AUG-2005 22:37:12	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18306	No
163	GOM_NL__2PRFIN20050830_224246_000000402040_00216_18306_6265.N1	30-AUG-2005 22:42:46	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	18306	No
164	GOM_NL__2PRFIN20050830_224626_000000432040_00216_18306_6266.N1	30-AUG-2005 22:46:26	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	18306	No
165	GOM_NL__2PRFIN20050830_230333_000000372040_00216_18306_6267.N1	30-AUG-2005 23:03:33	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	18306	No
166	GOM_NL__2PRFIN20050830_231143_000000362040_00216_18306_6268.N1	30-AUG-2005 23:11:43	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	18306	No
167	GOM_NL__2PRFIN20050830_231326_000000352040_00216_18306_6269.N1	30-AUG-2005 23:13:26	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18306	No
168	GOM_NL__2PRFIN20050830_232521_000000382040_00216_18306_6270.N1	30-AUG-2005 23:25:21	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	18306	No
169	GOM_NL__2PRFIN20050830_233159_000000372040_00216_18306_6271.N1	30-AUG-2005 23:31:59	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18306	No
170	GOM_NL__2PRFIN20050830_235754_000000402040_00216_18306_6272.N1	30-AUG-2005 23:57:54	Dark	39.500	132	15Rho Pup	2.8030	6900.0	79	18306	No

3. Quality information per product

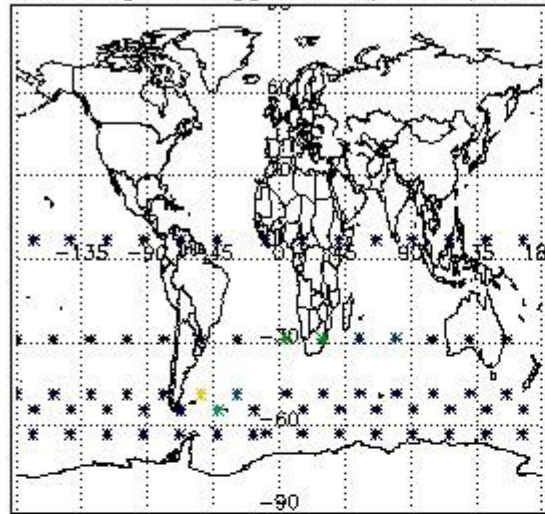
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

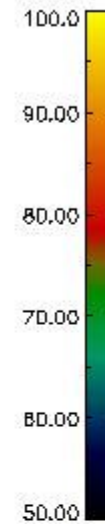
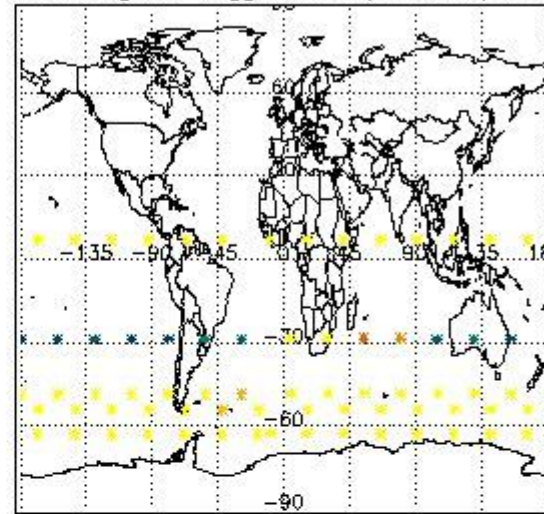


3.2 Plot quality information per product (world map)

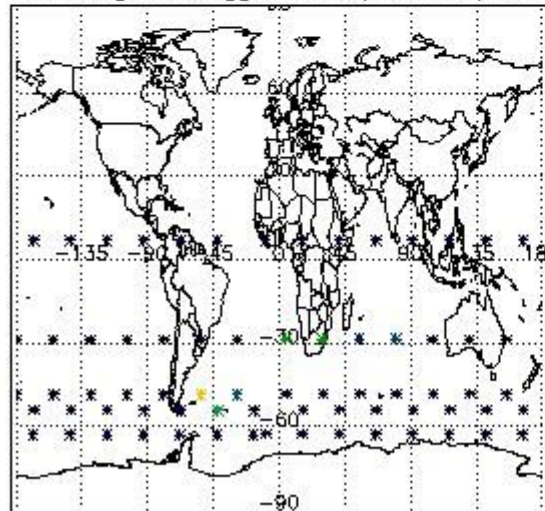
Percentage of flagged data per O3 profile



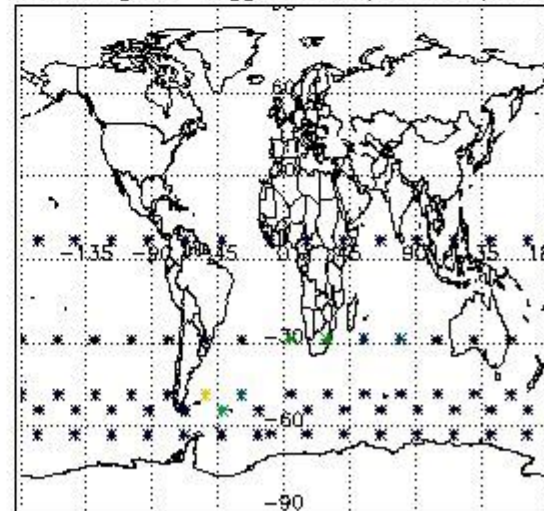
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

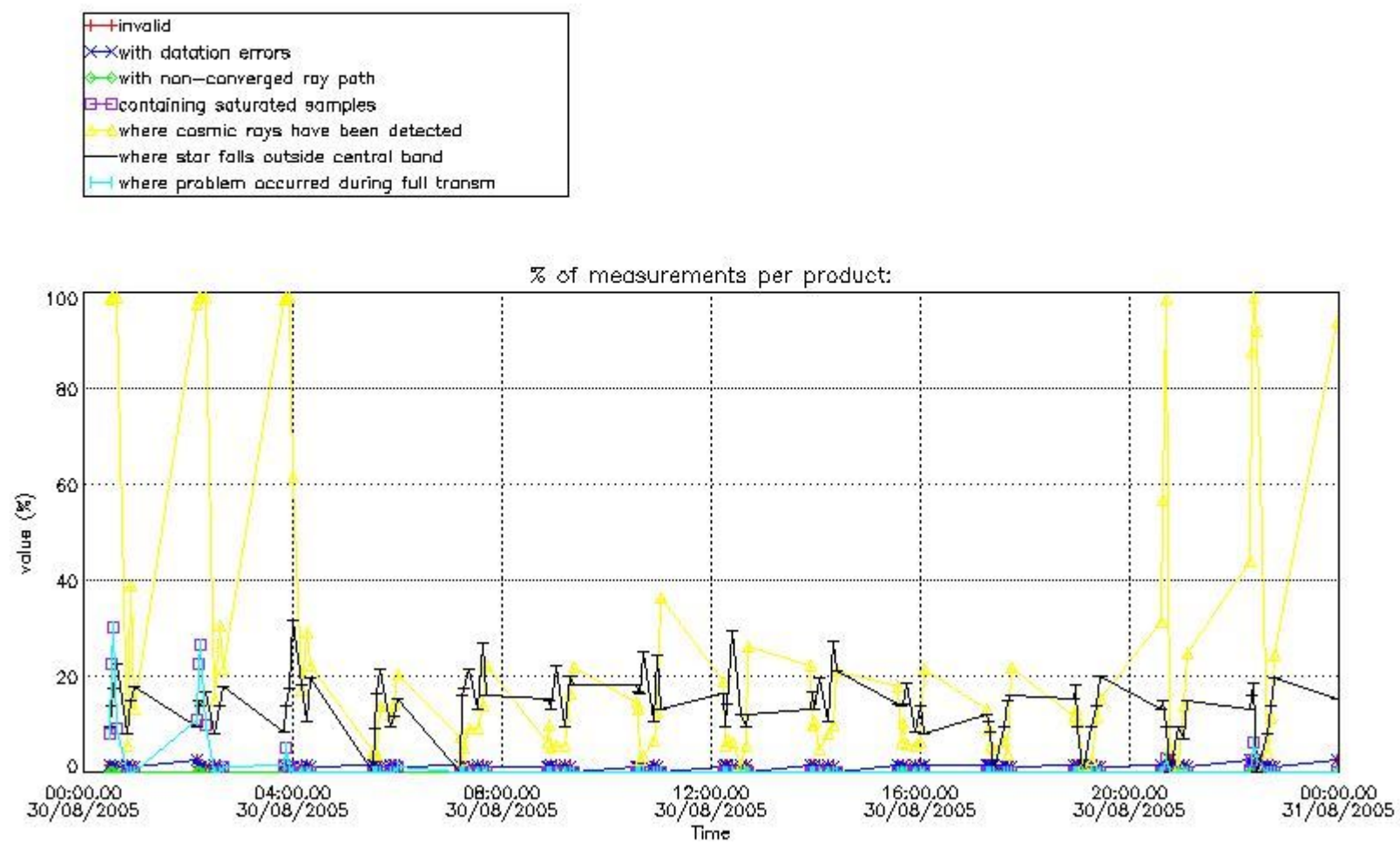


4. Level 1 quality information per product

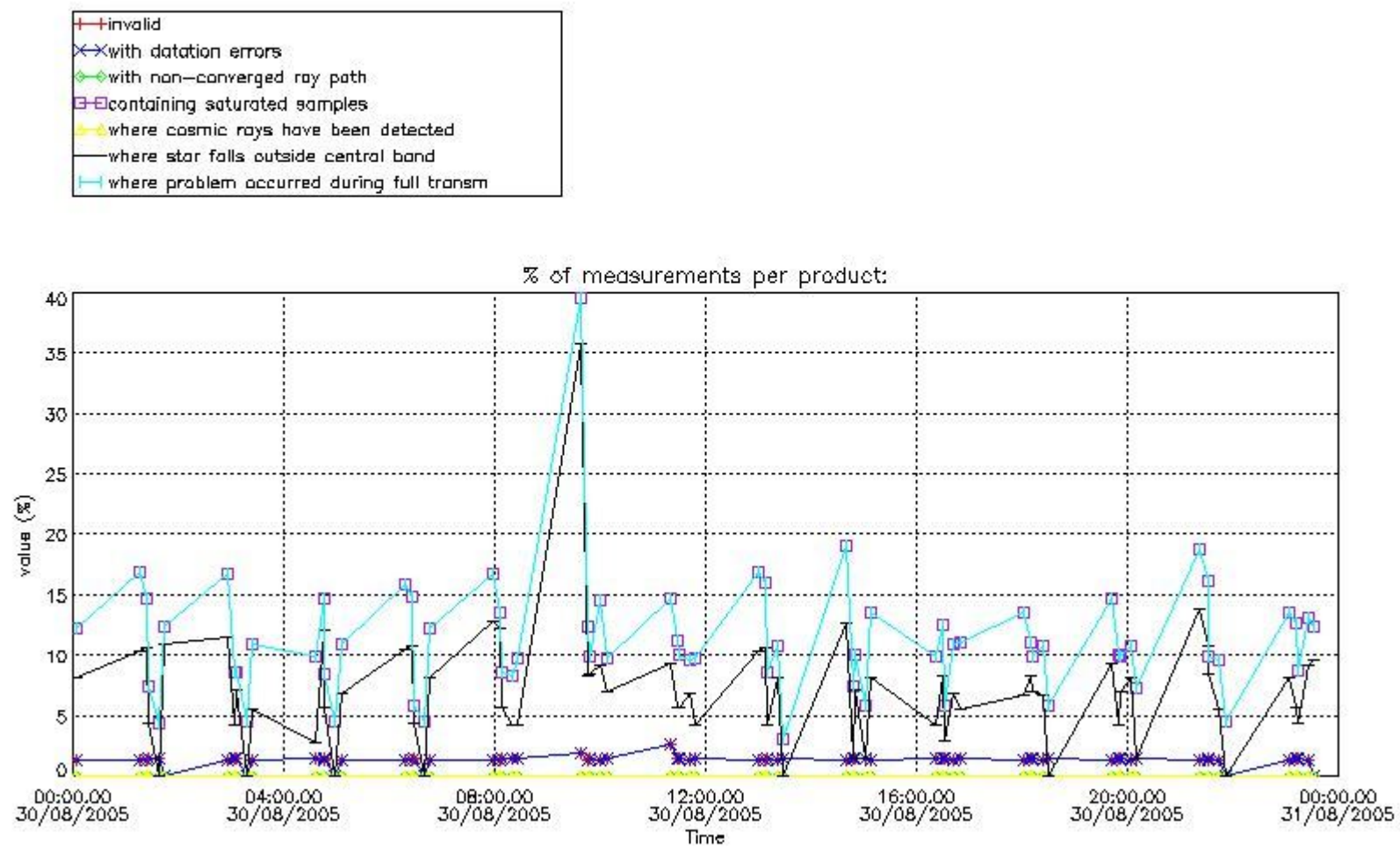
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



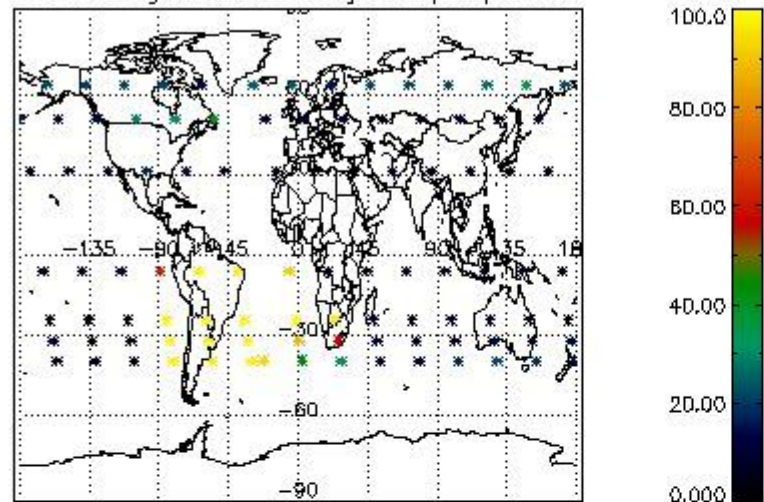
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



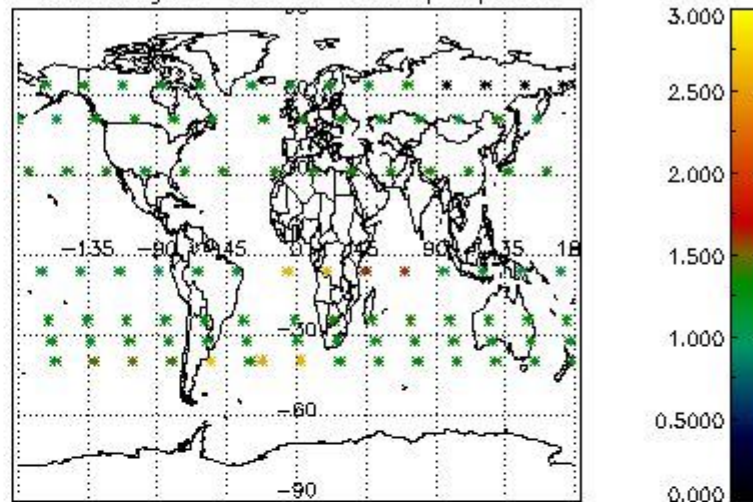
4.2 Plot quality information per product coming from level 1b processing (world map)

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

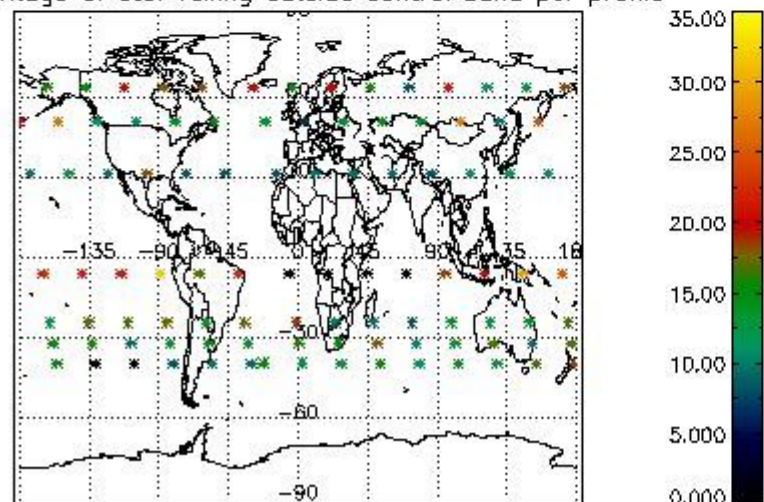
Percentage of cosmic ray hits per profile



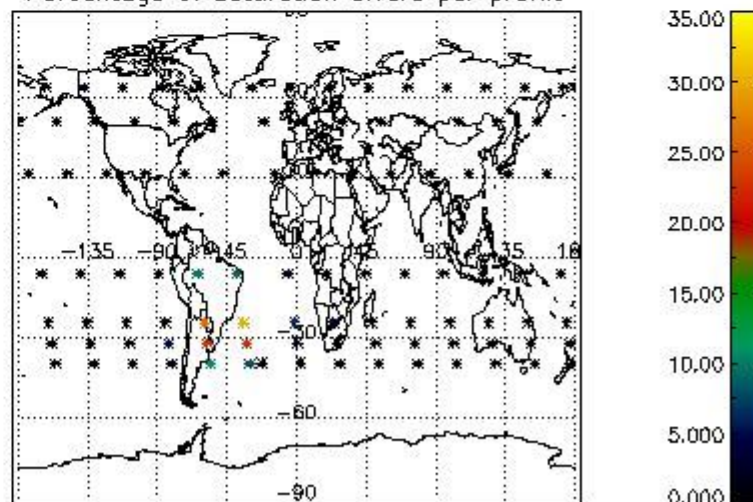
Percentage of datation errors per profile



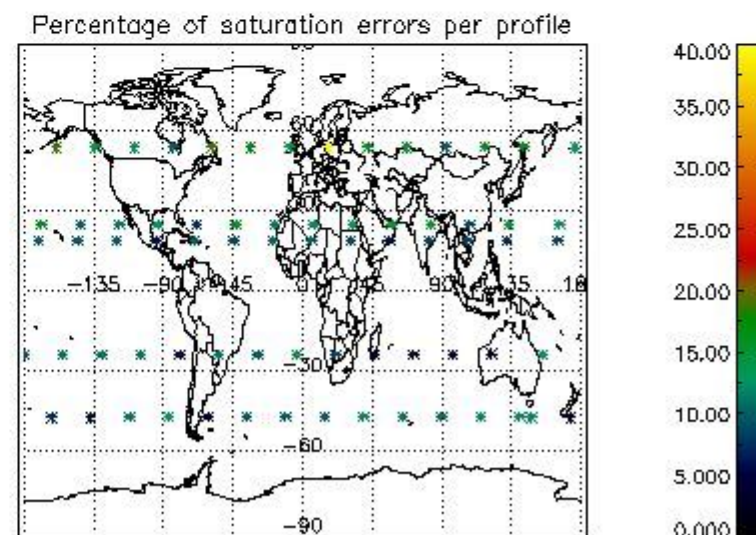
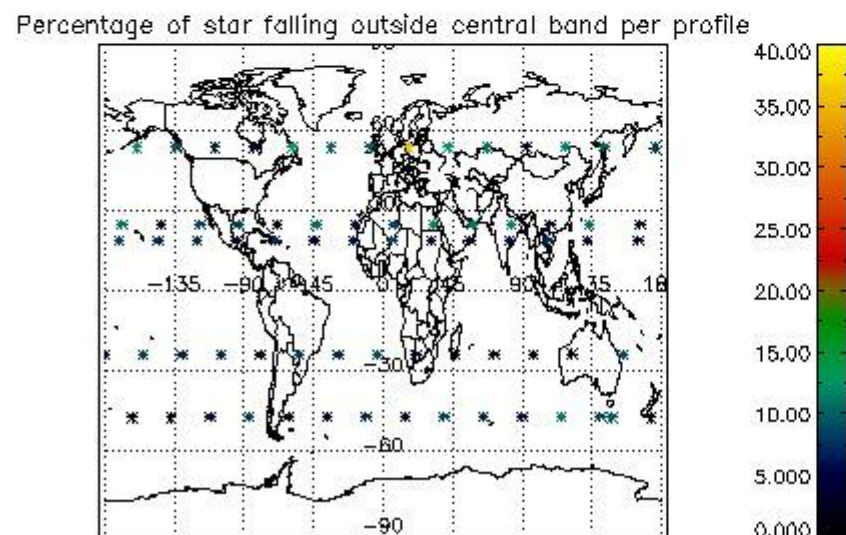
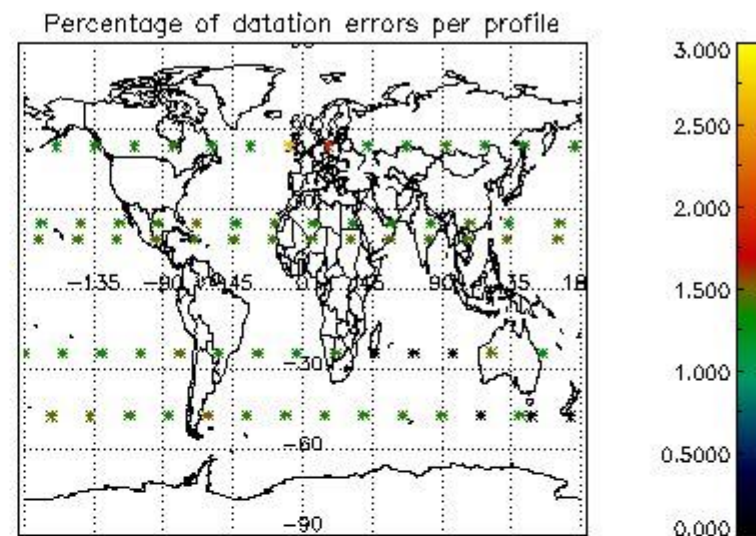
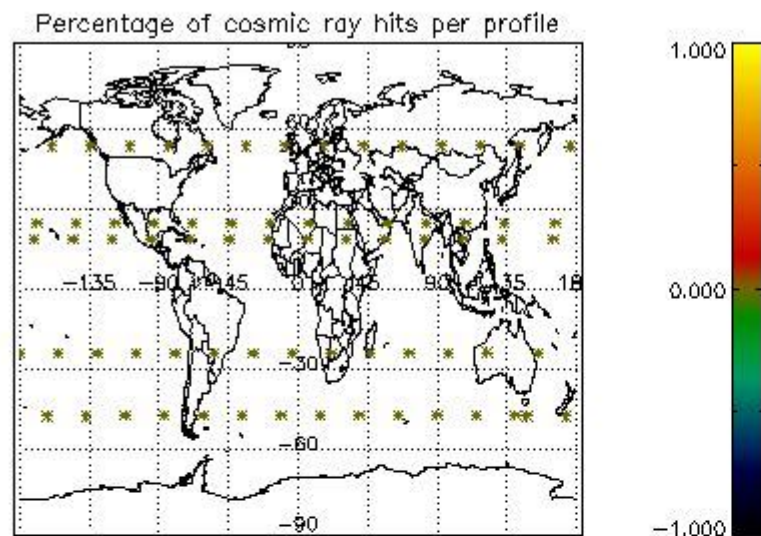
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

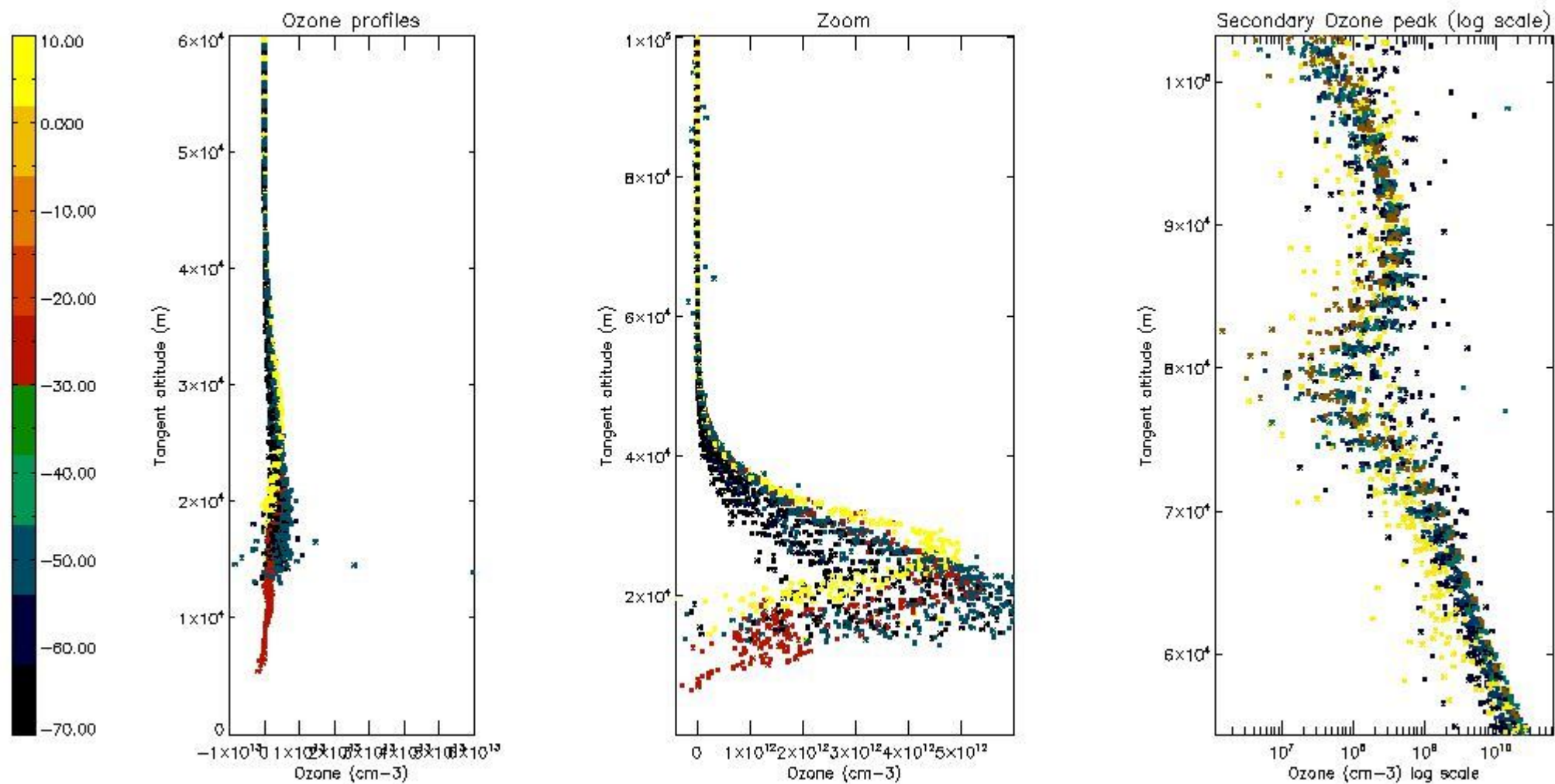
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	43
STD < 20	25

STD < 10	19
STD < 5	11

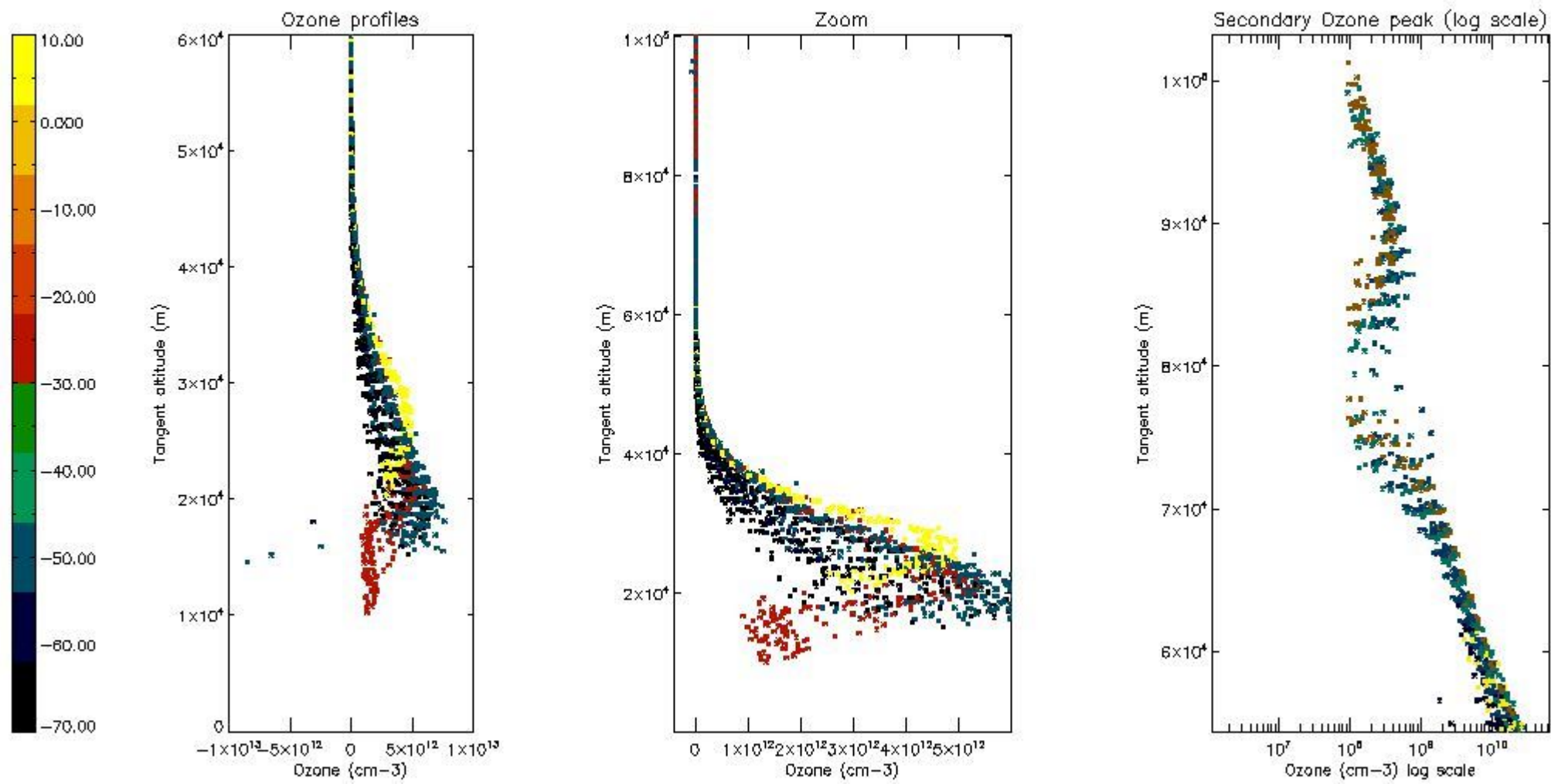
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



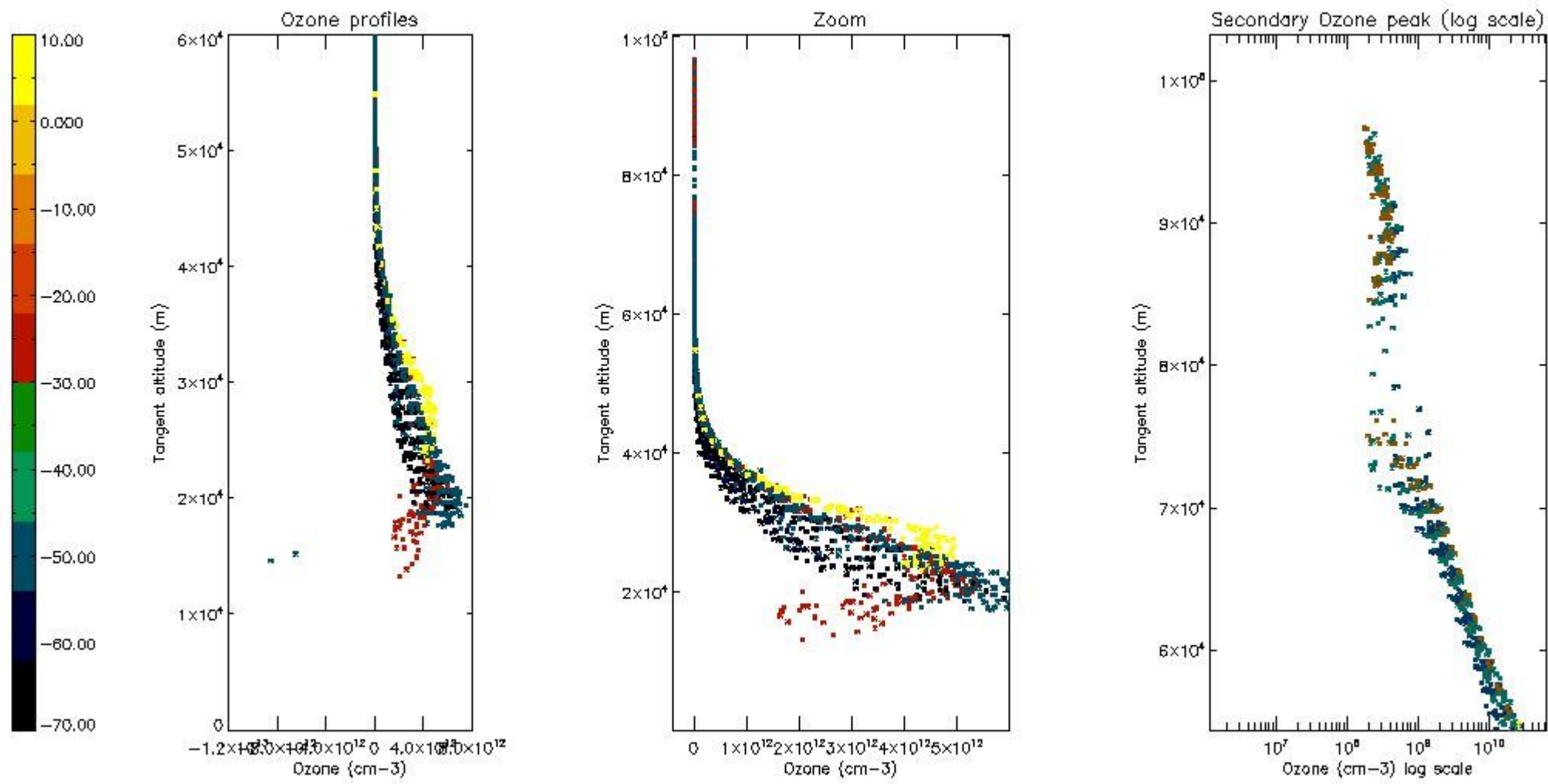
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



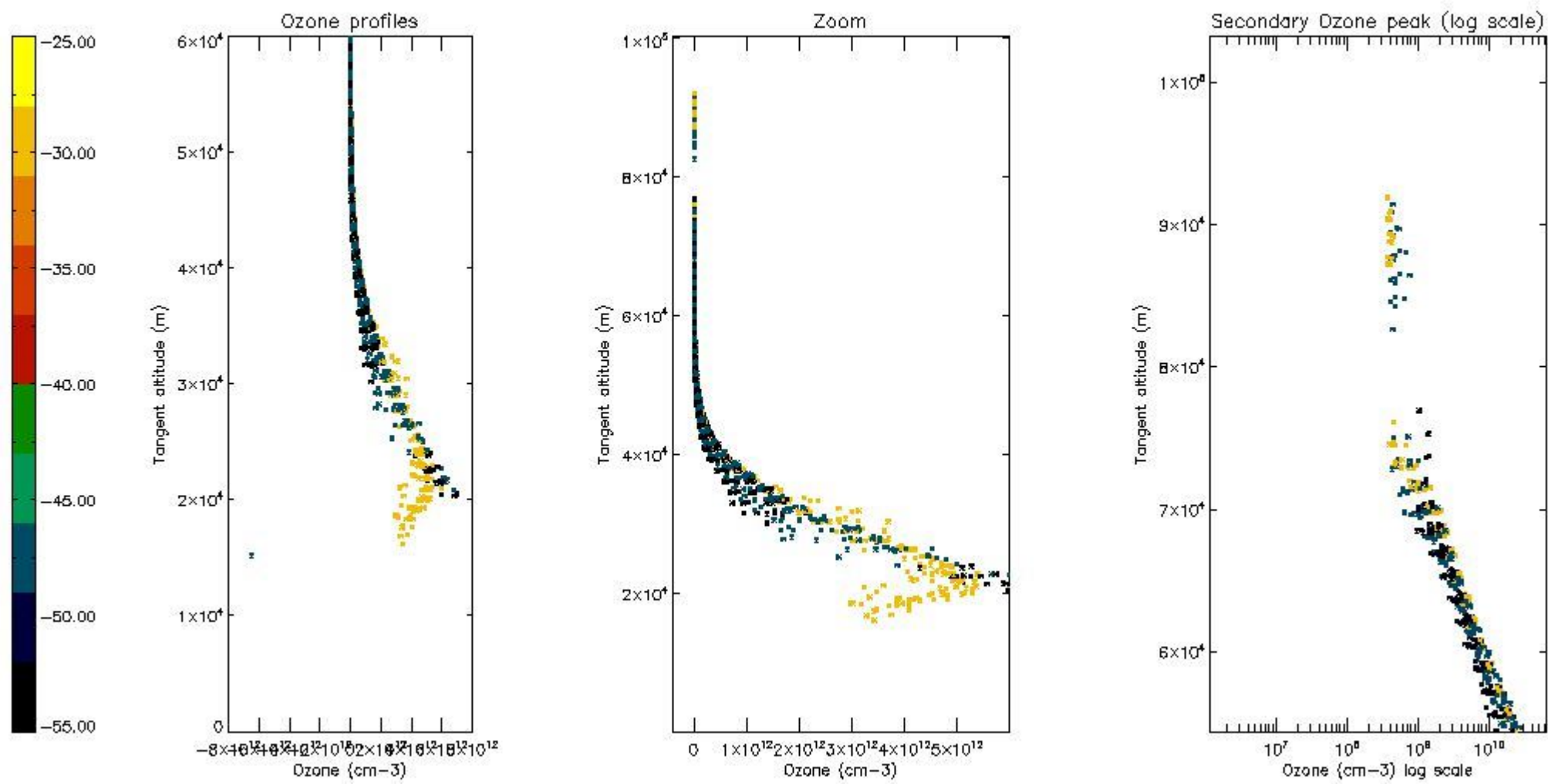
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



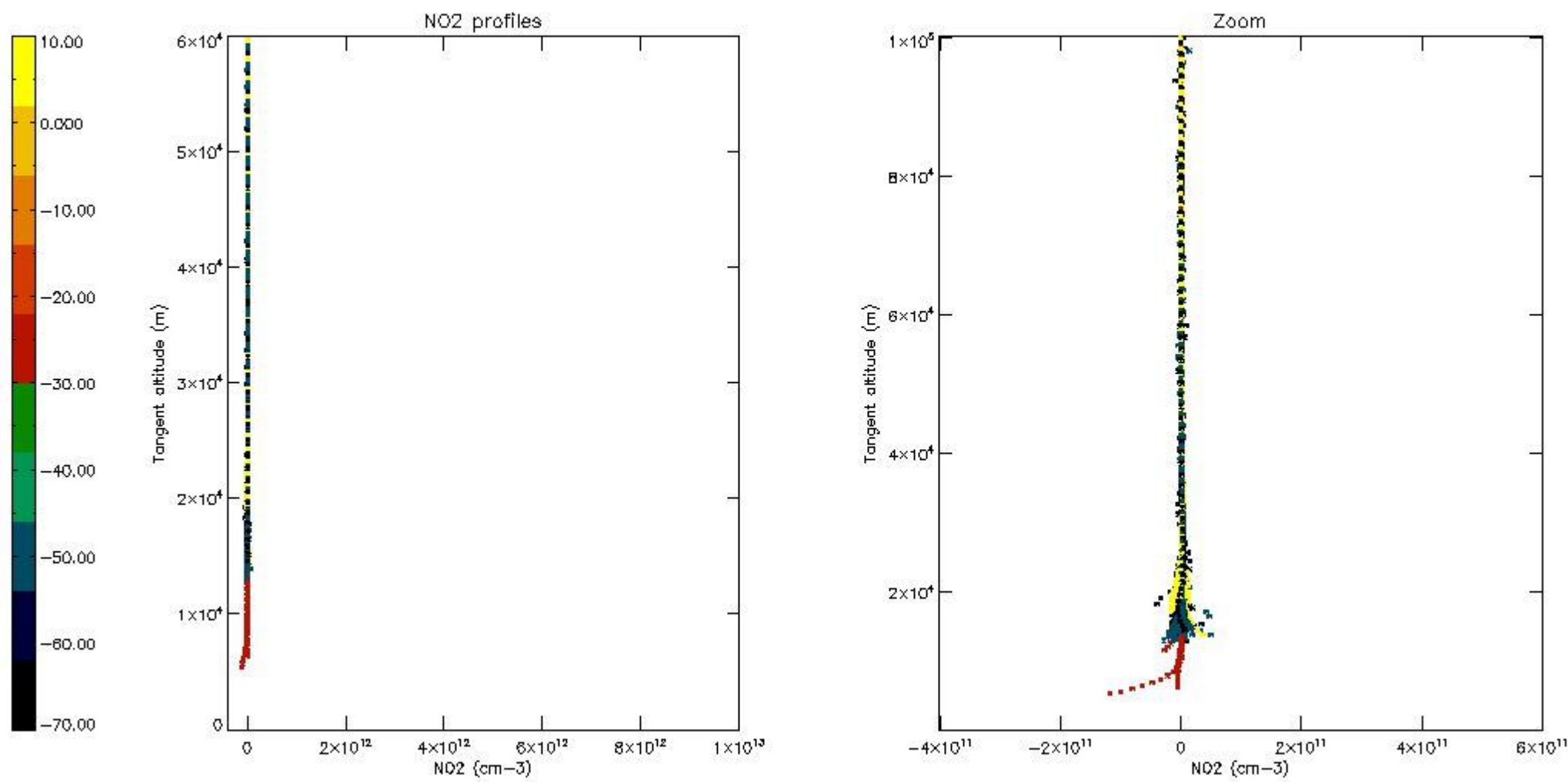
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



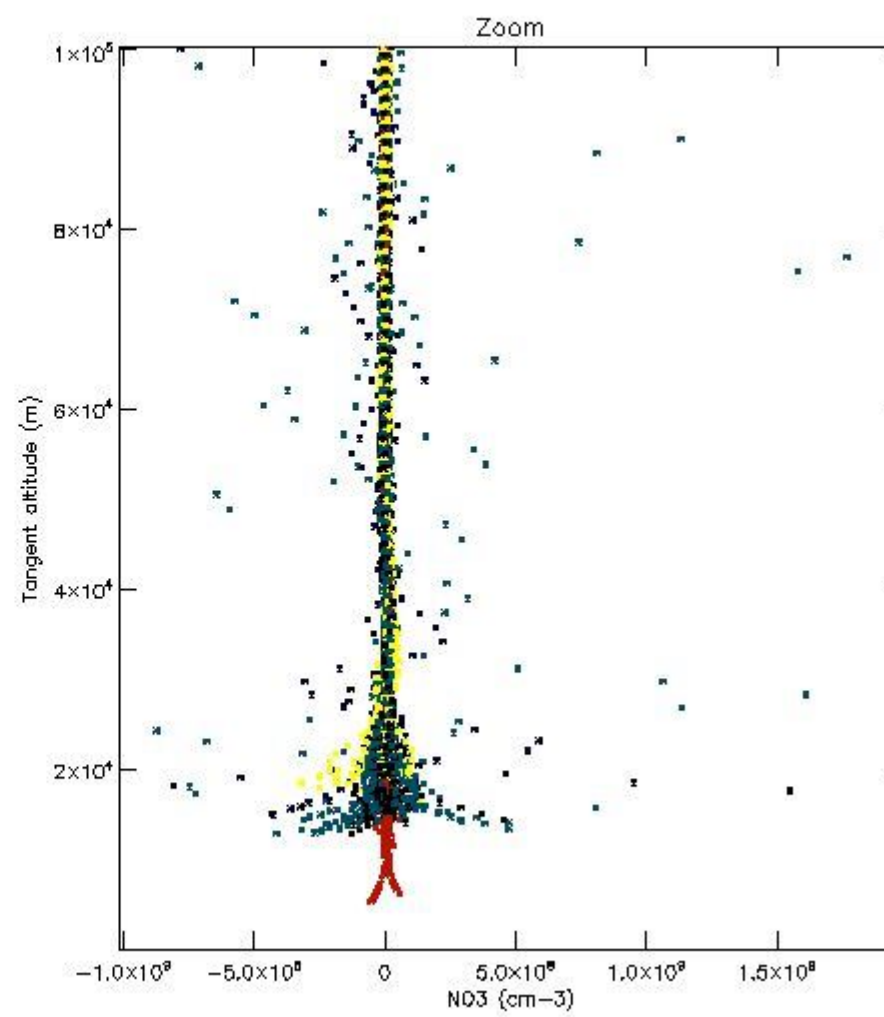
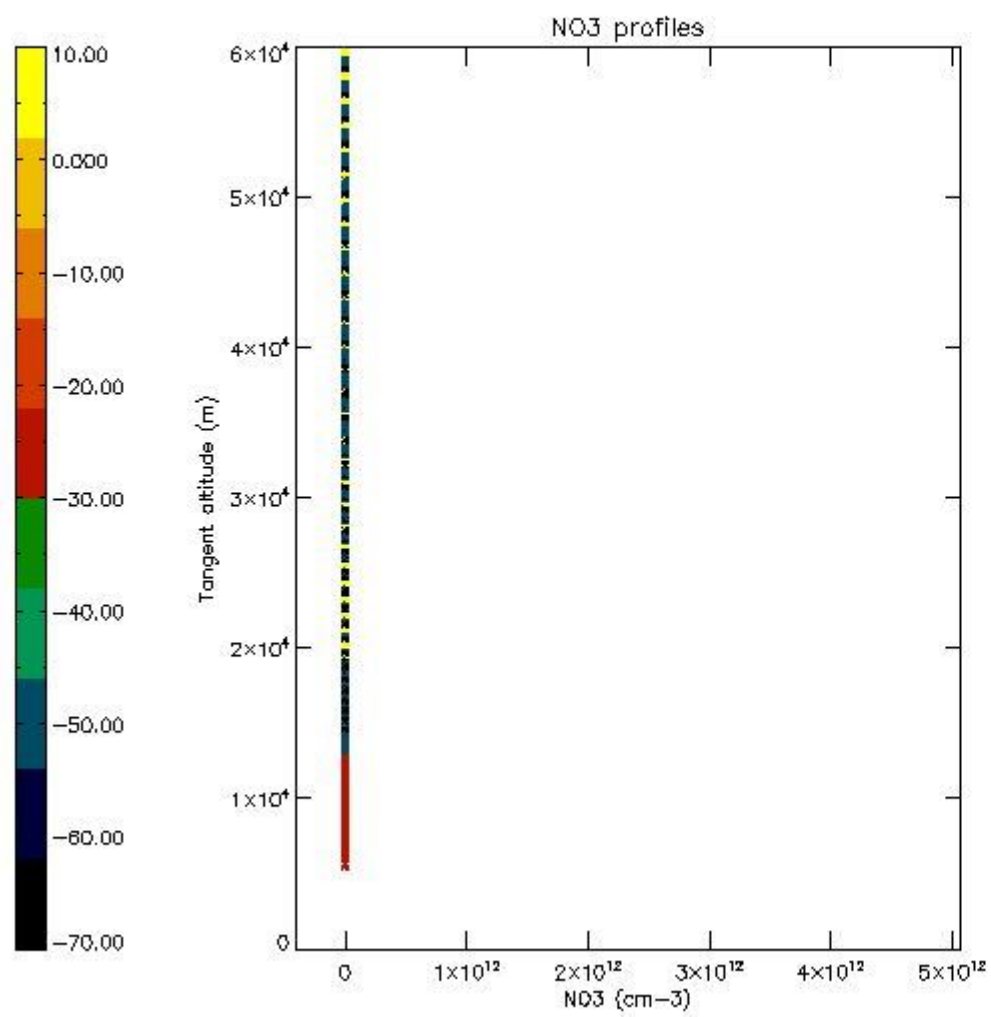
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



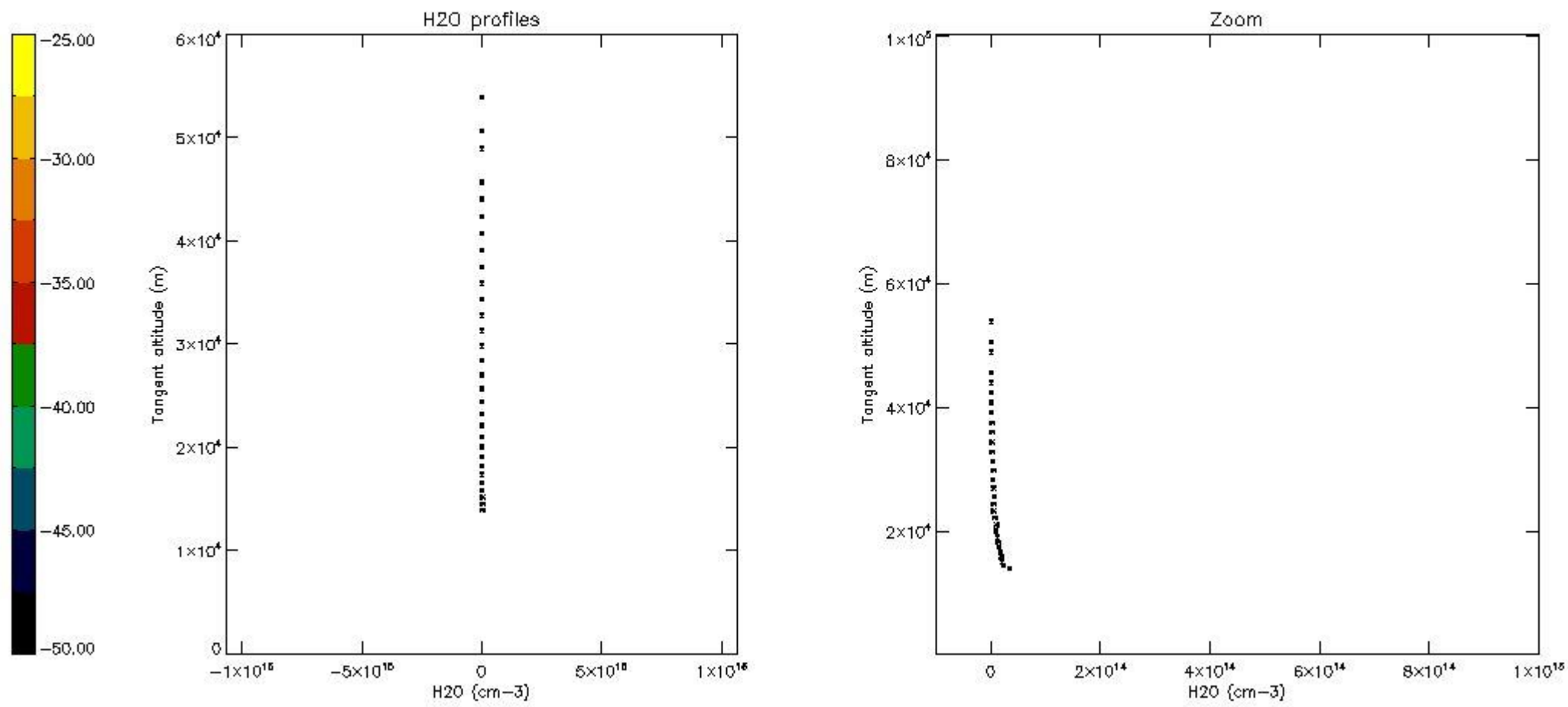
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



5.8 Plot H2O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)

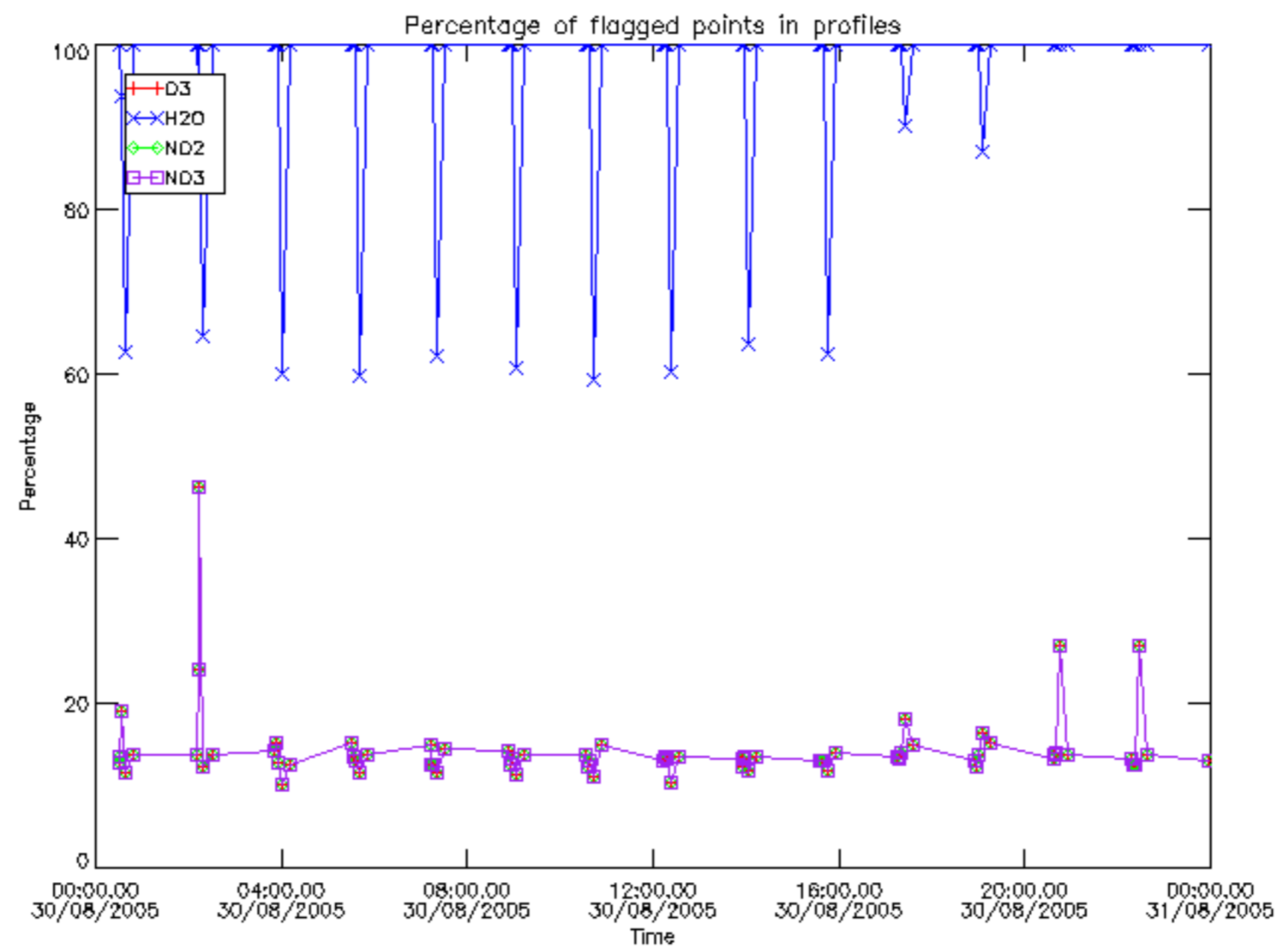
The colorbar represents the latitude.



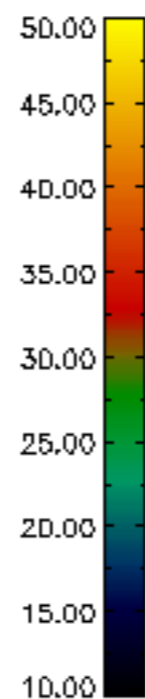
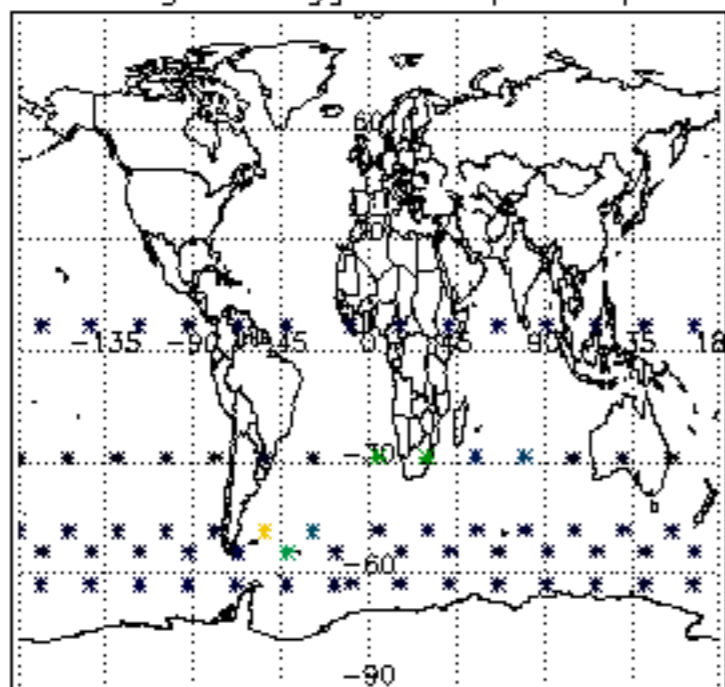
6. Auxiliary Data Files used for the production reported in section 2

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.

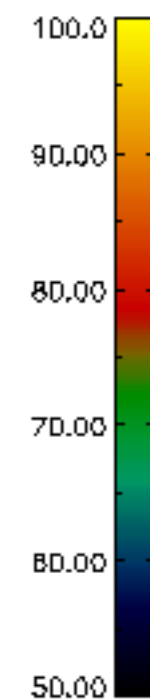
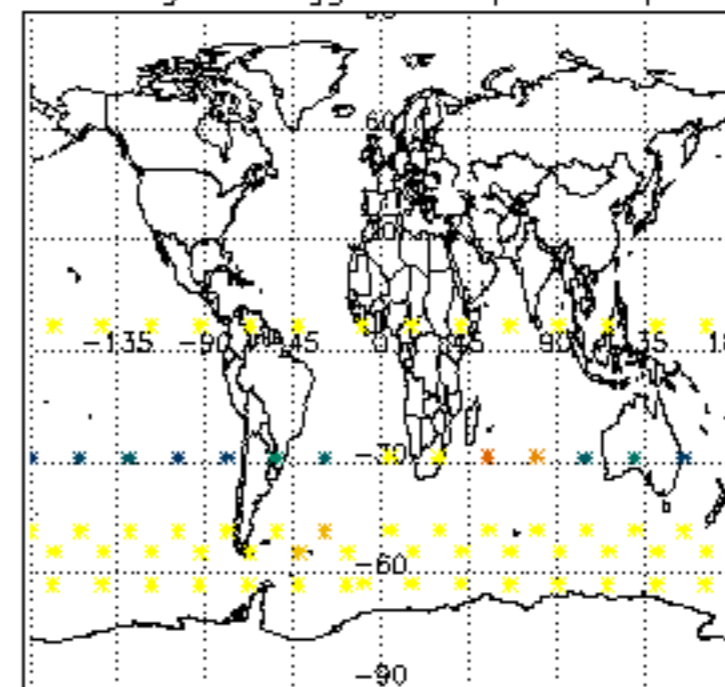
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	30-AUG-2005 00:03:31
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	30-AUG-2005 00:03:31
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	30-AUG-2005 00:03:31



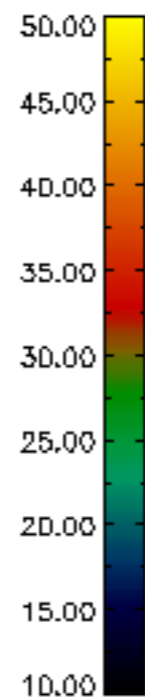
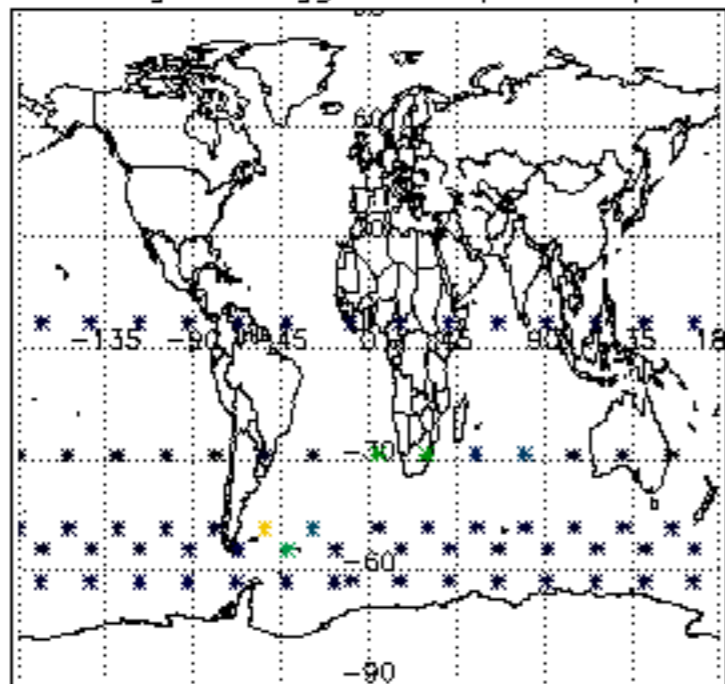
Percentage of flagged data per D3 profile



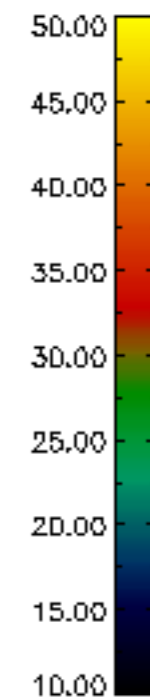
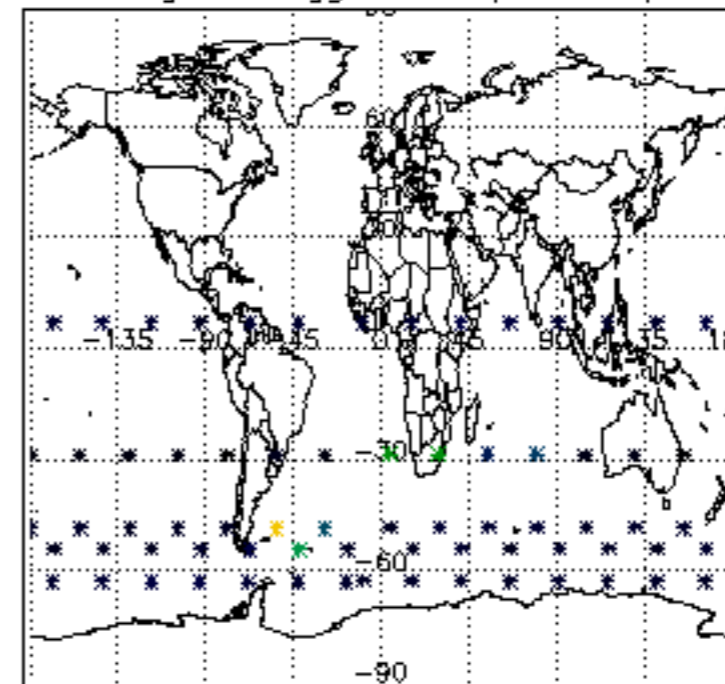
Percentage of flagged data per H2O profile

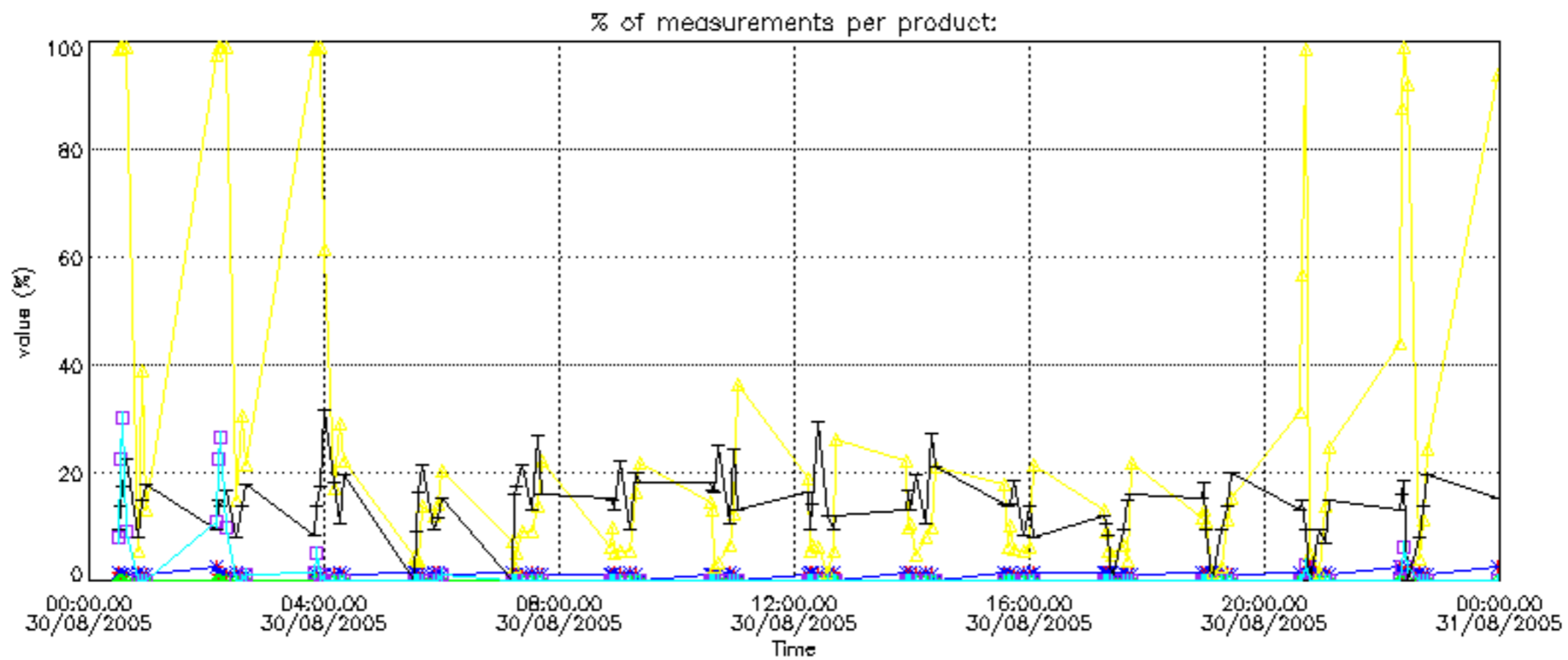


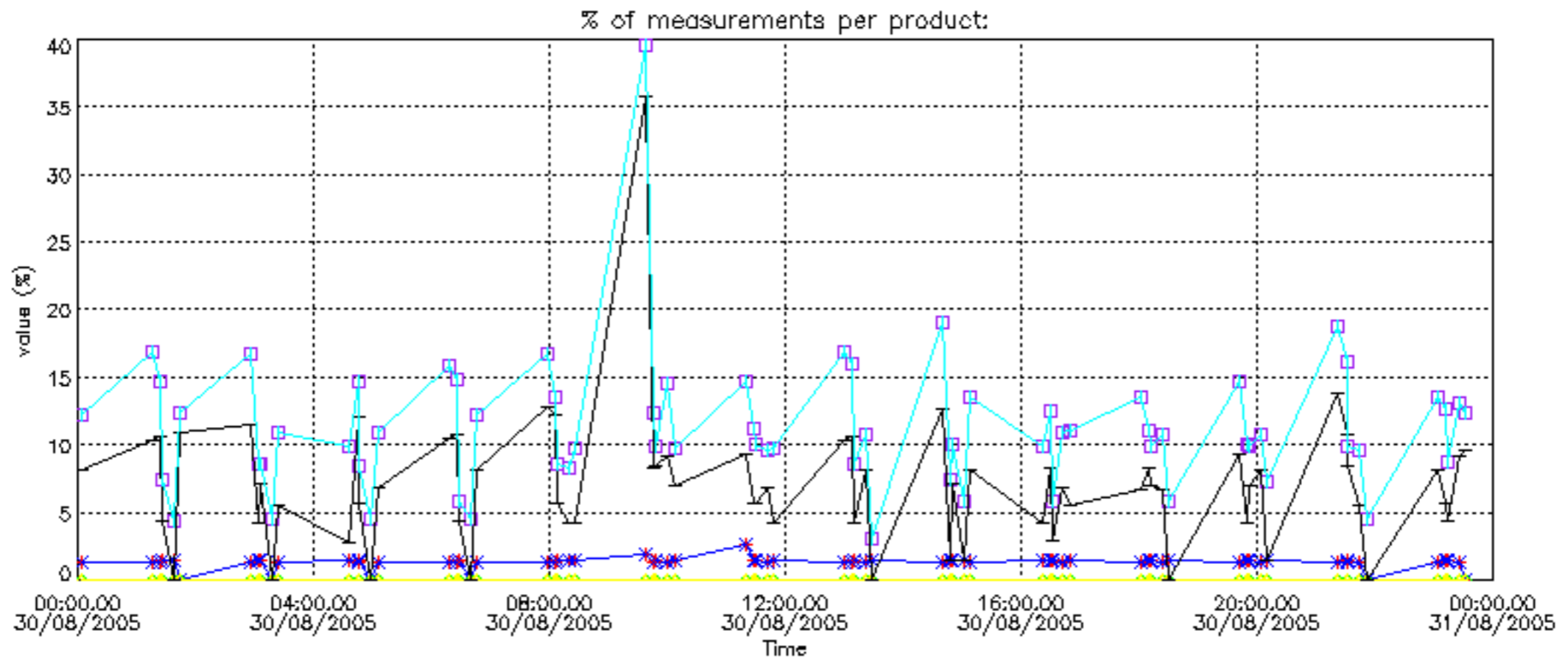
Percentage of flagged data per NO2 profile



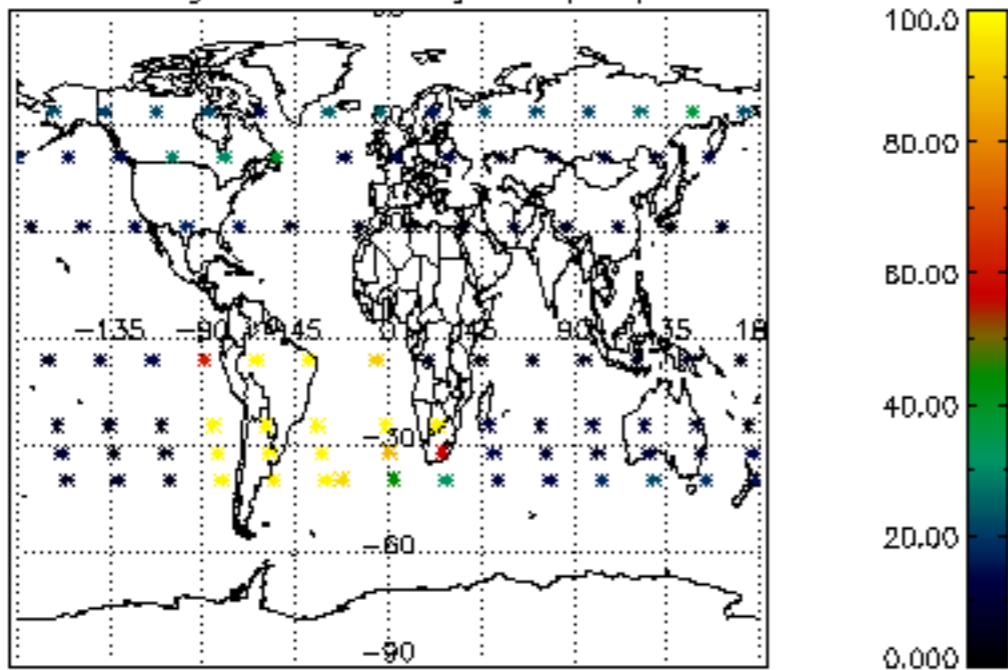
Percentage of flagged data per NO3 profile



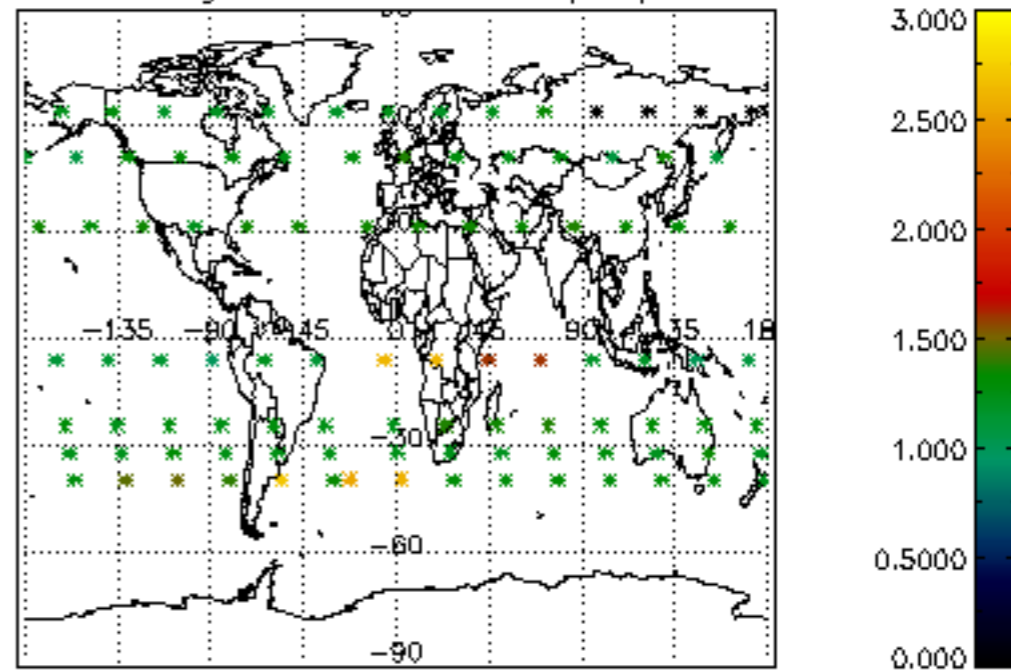




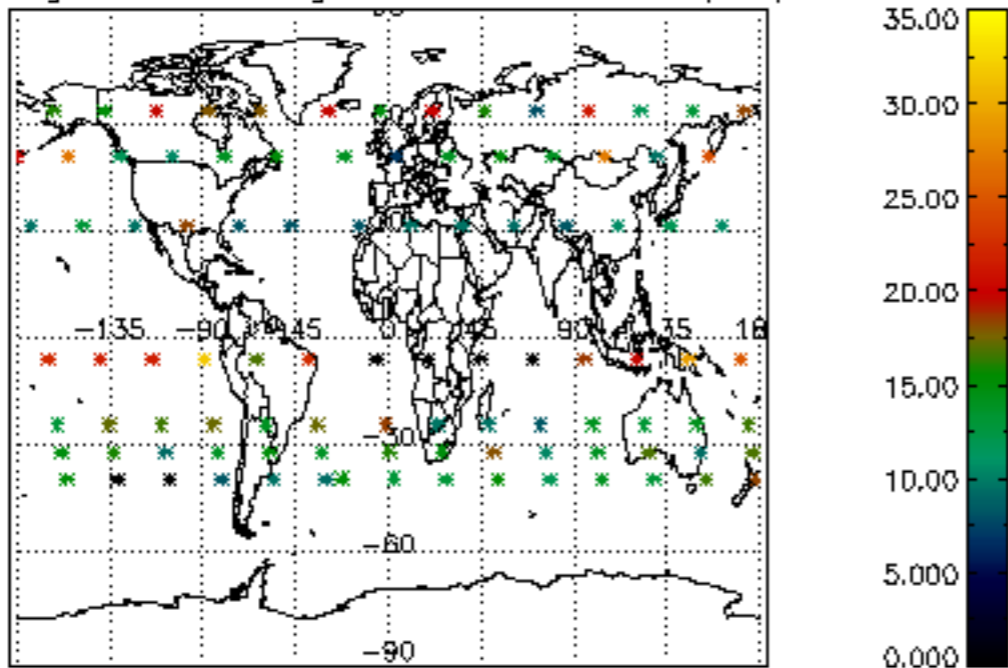
Percentage of cosmic ray hits per profile



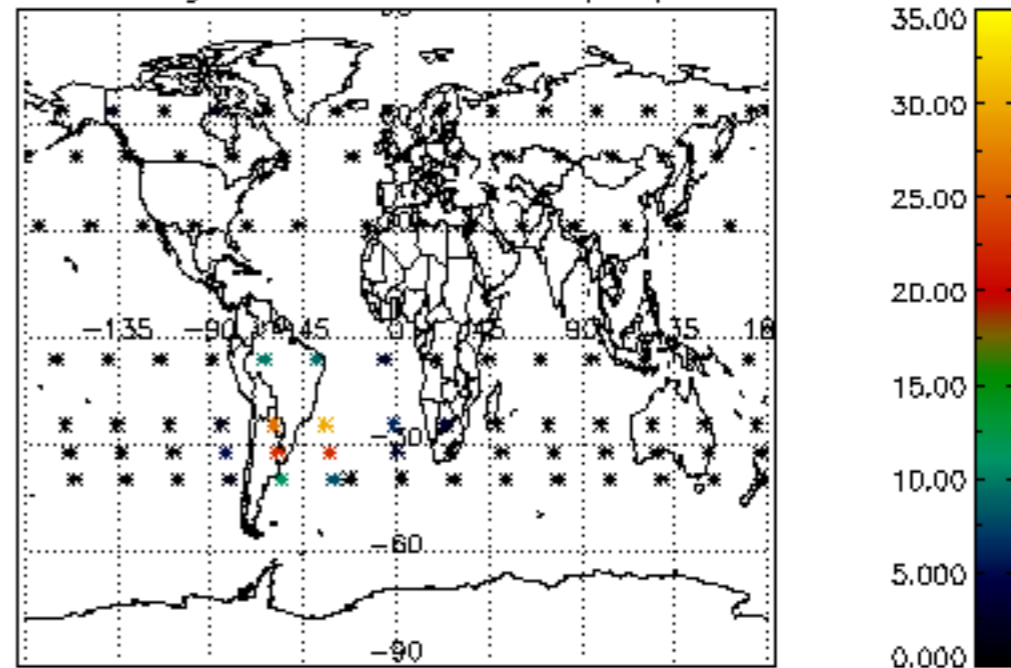
Percentage of datation errors per profile



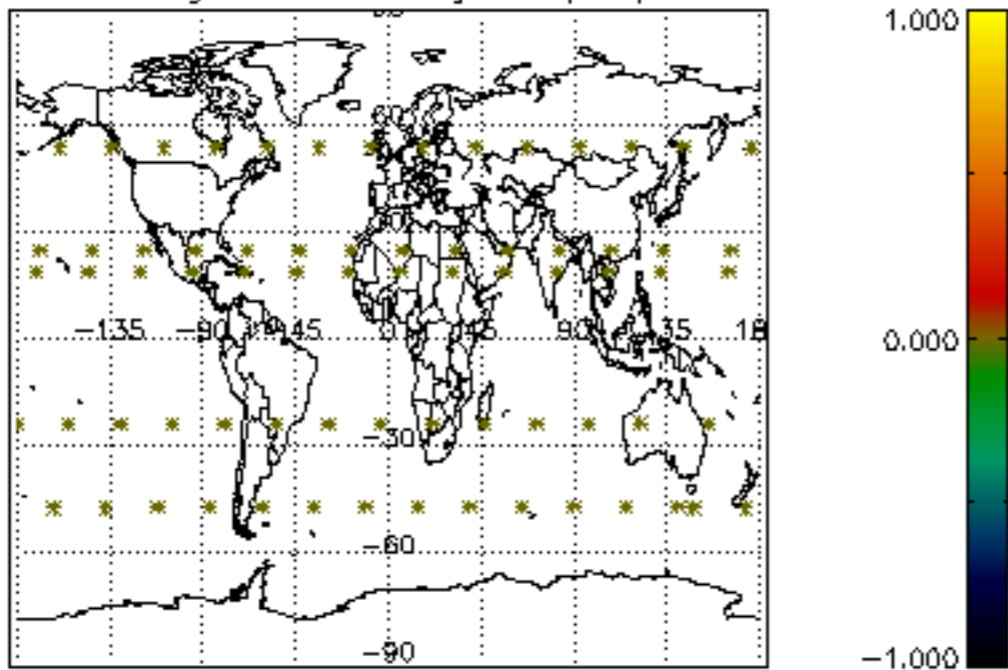
Percentage of star falling outside central band per profile



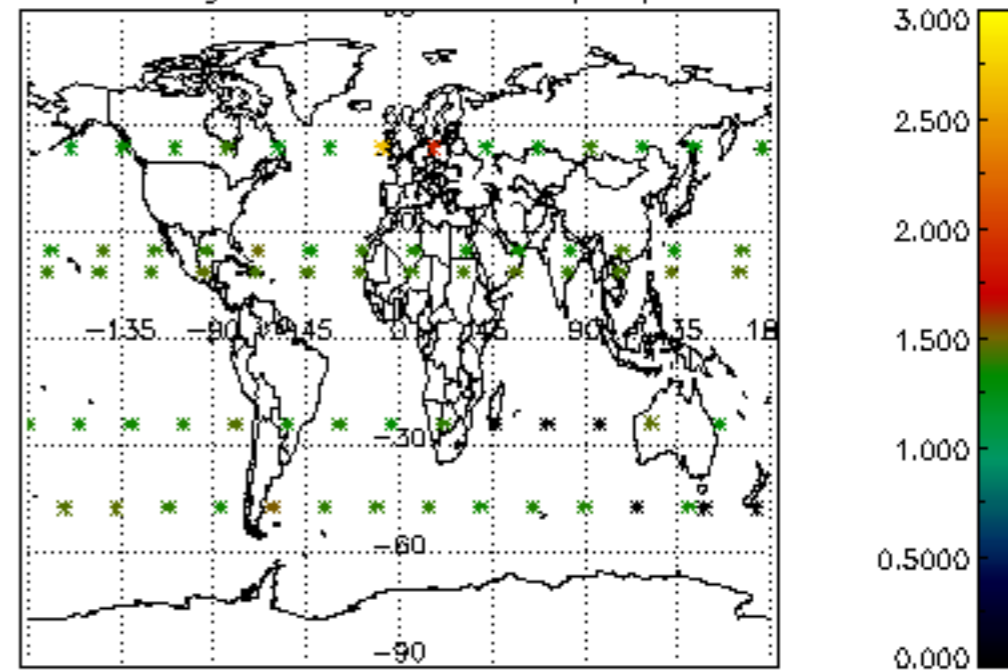
Percentage of saturation errors per profile



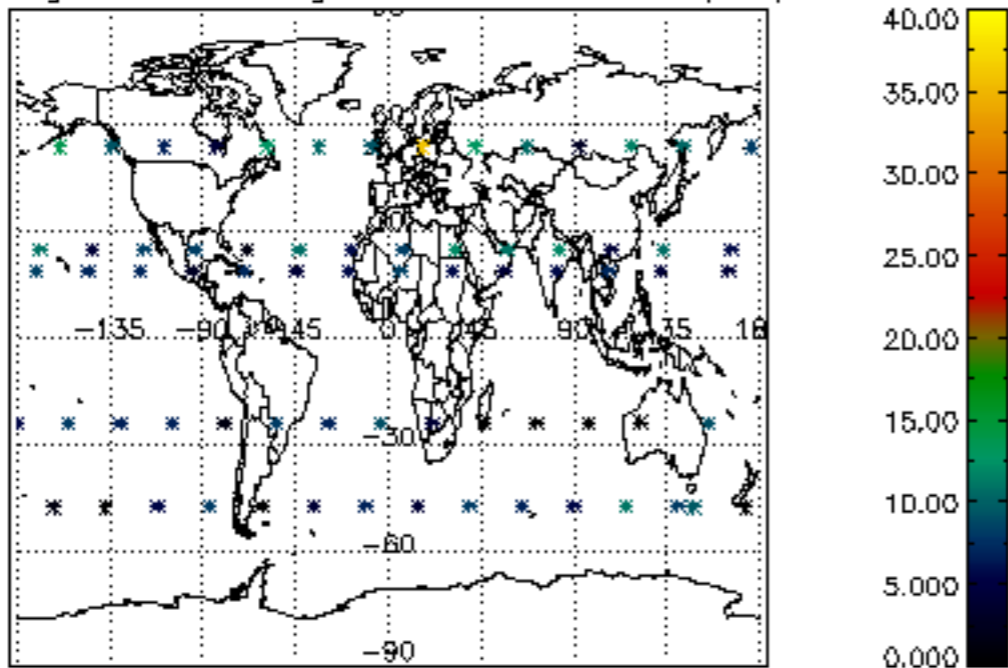
Percentage of cosmic ray hits per profile



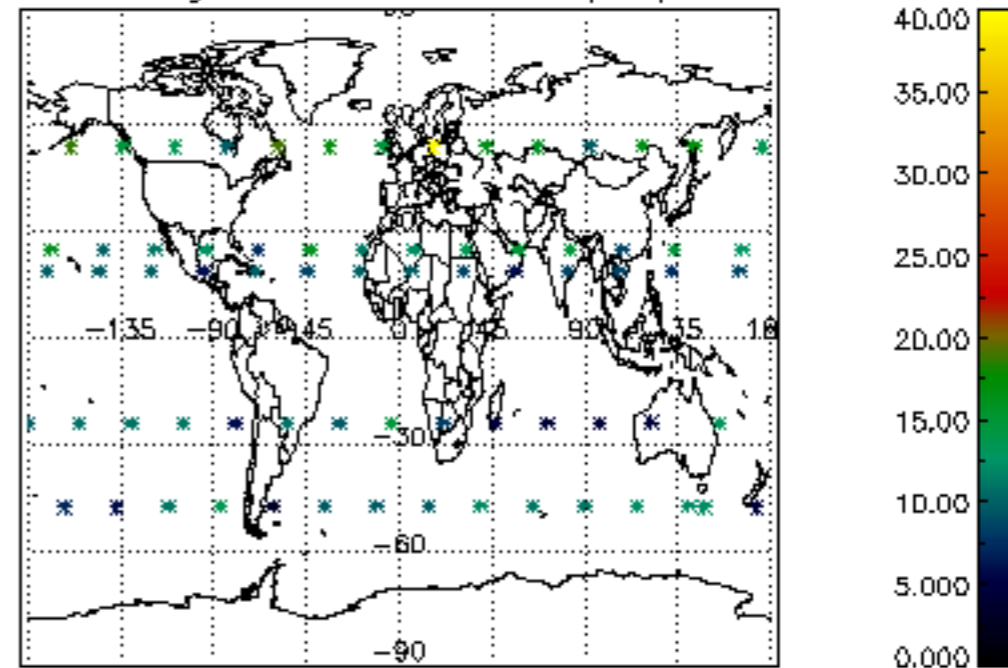
Percentage of datation errors per profile

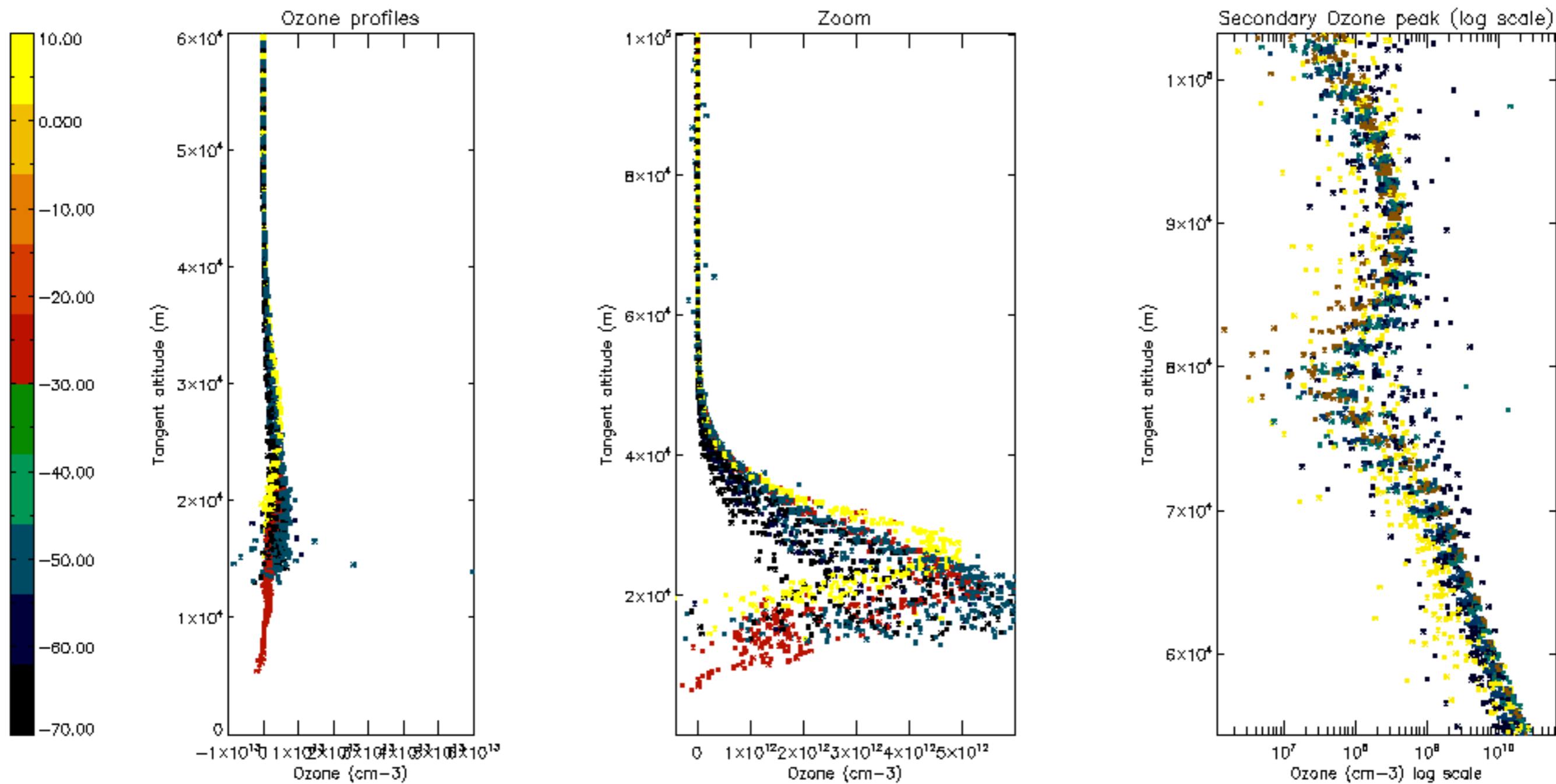


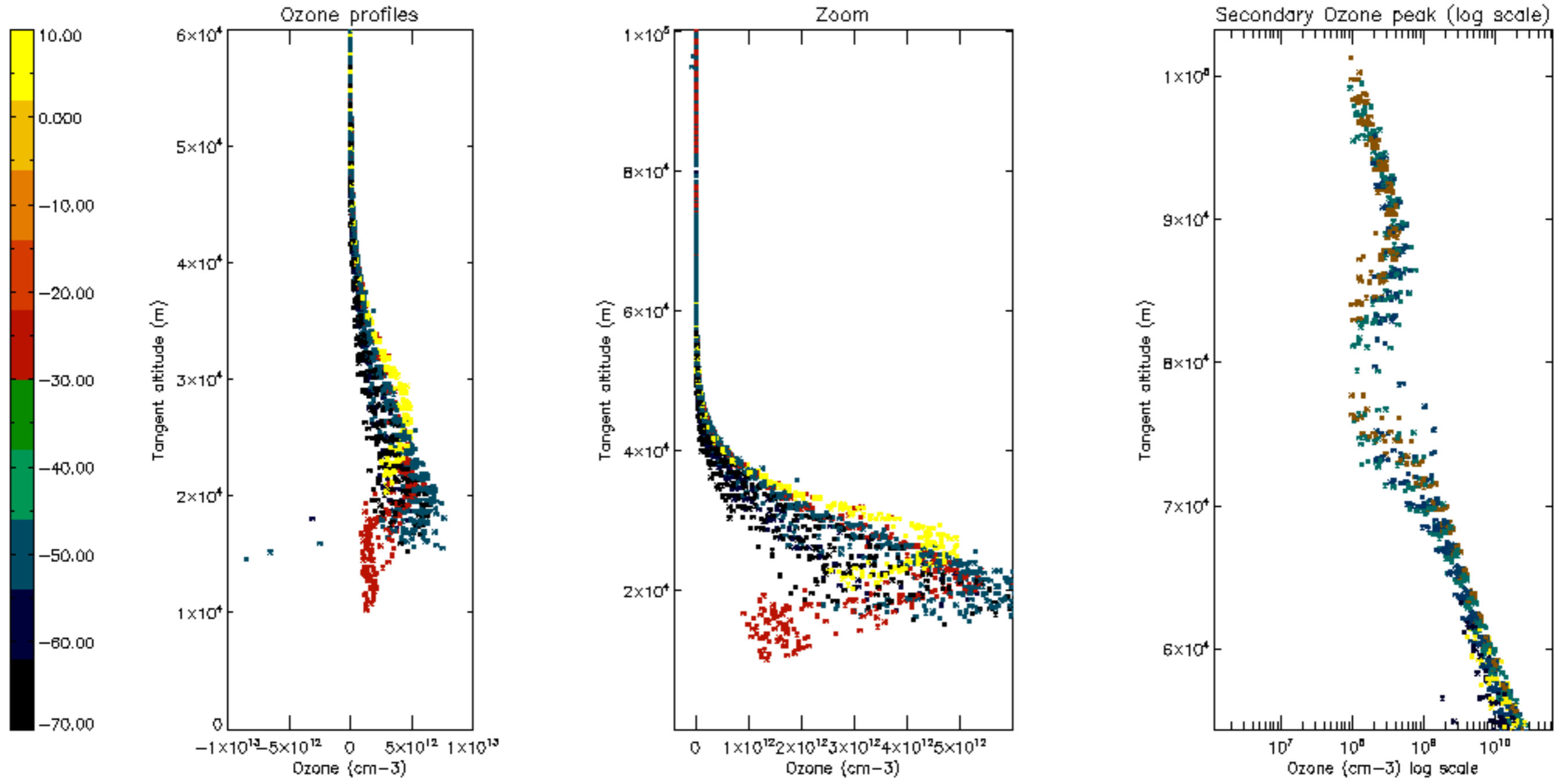
Percentage of star falling outside central band per profile

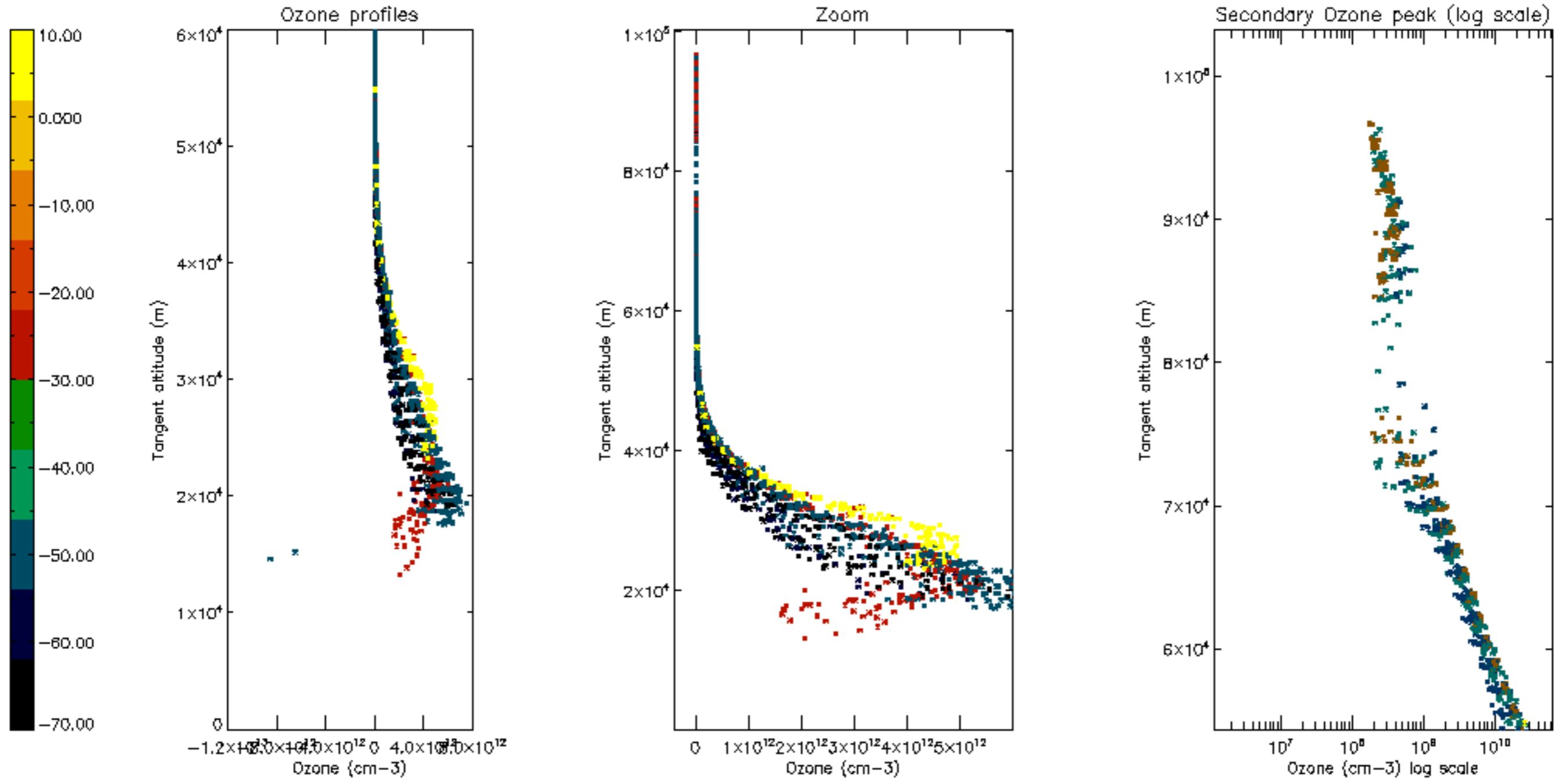


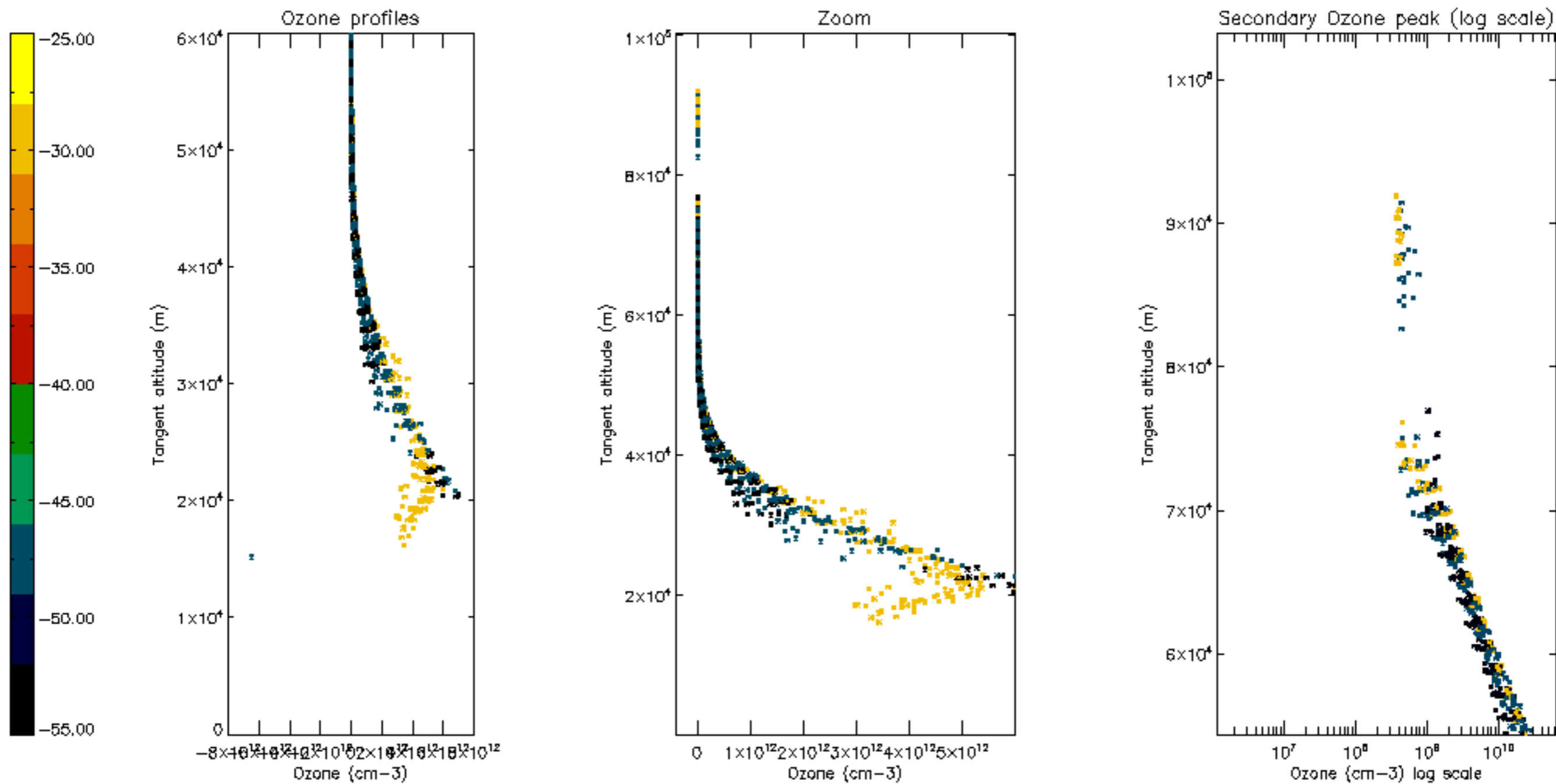
Percentage of saturation errors per profile

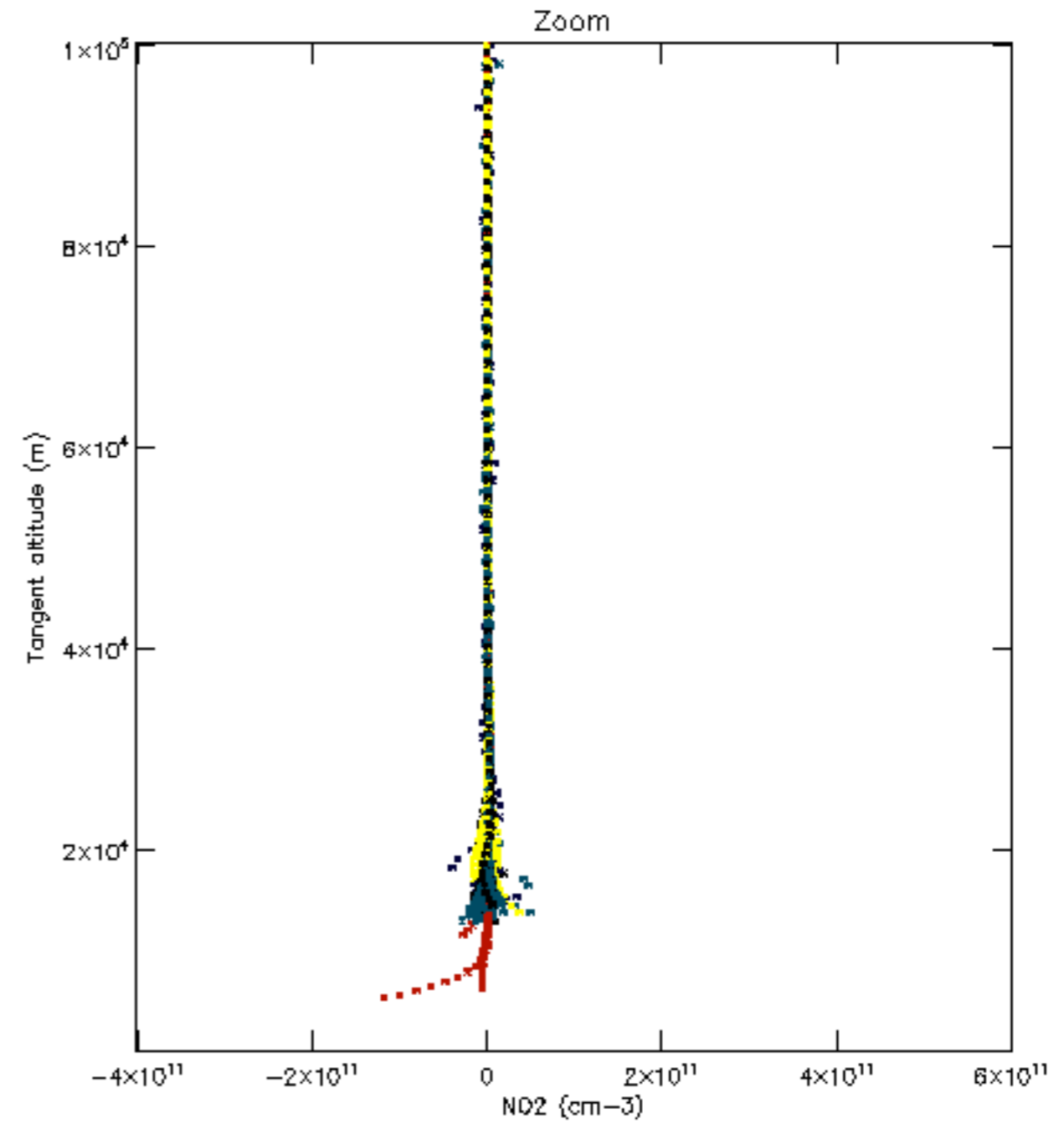
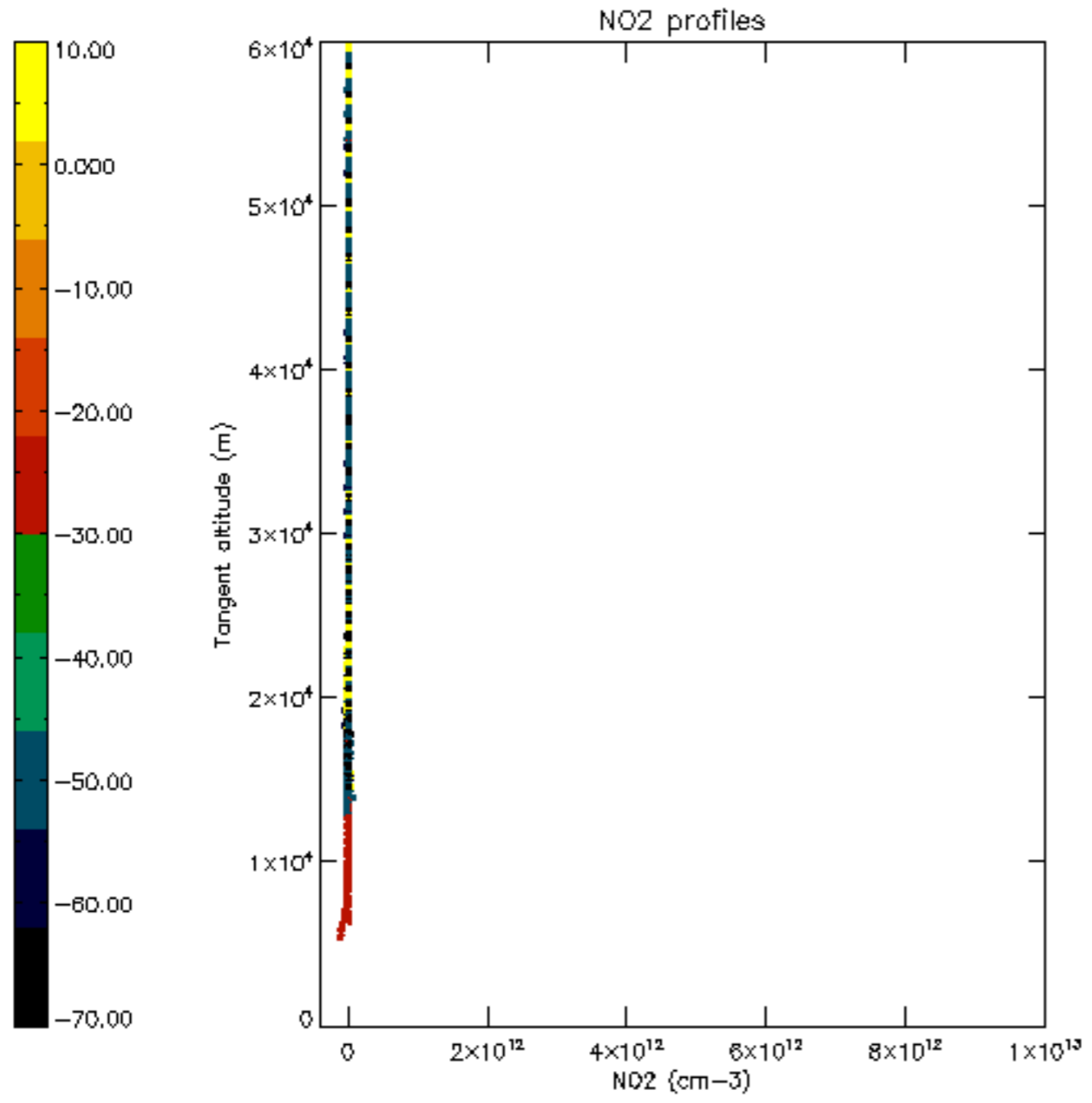


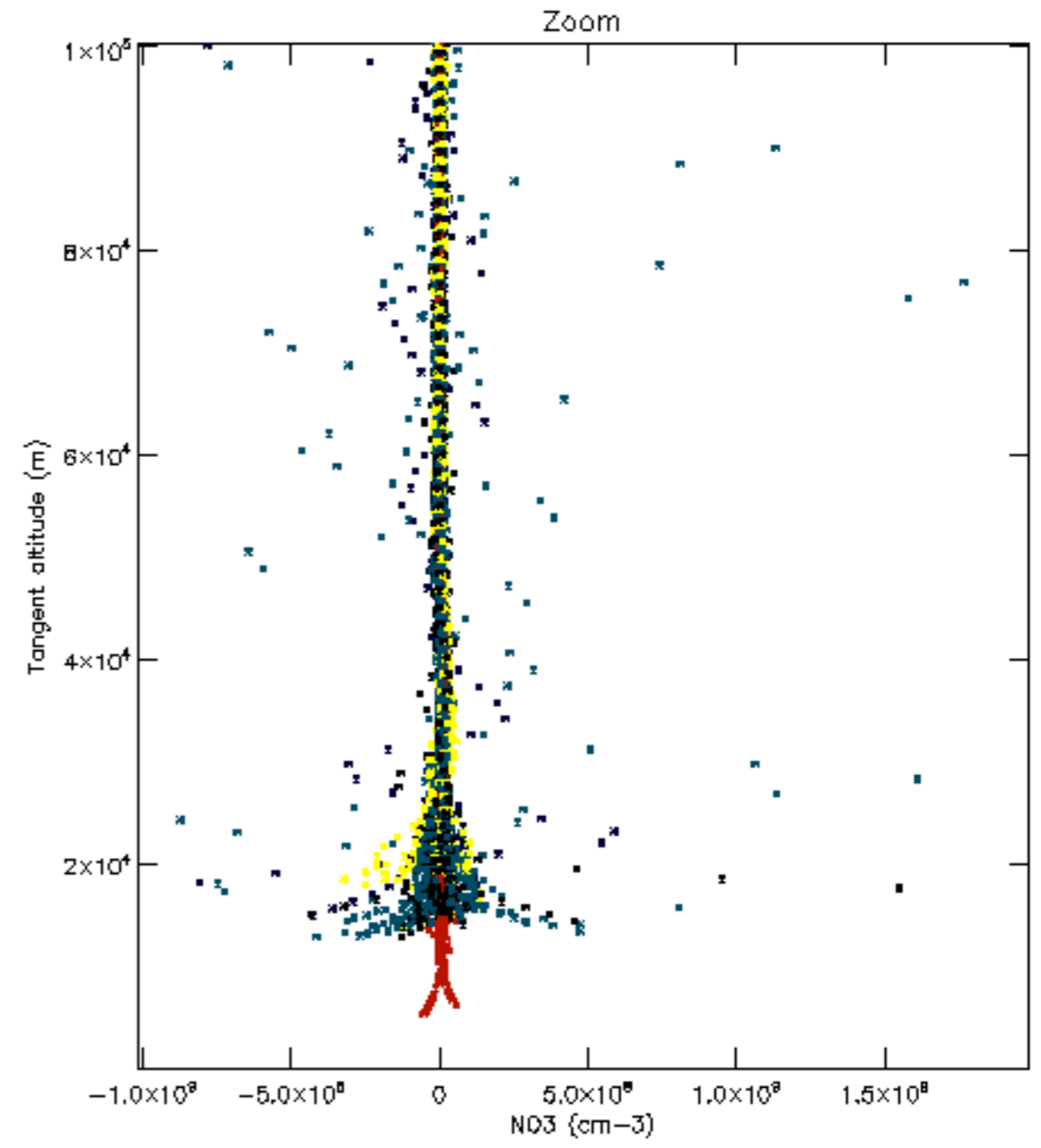
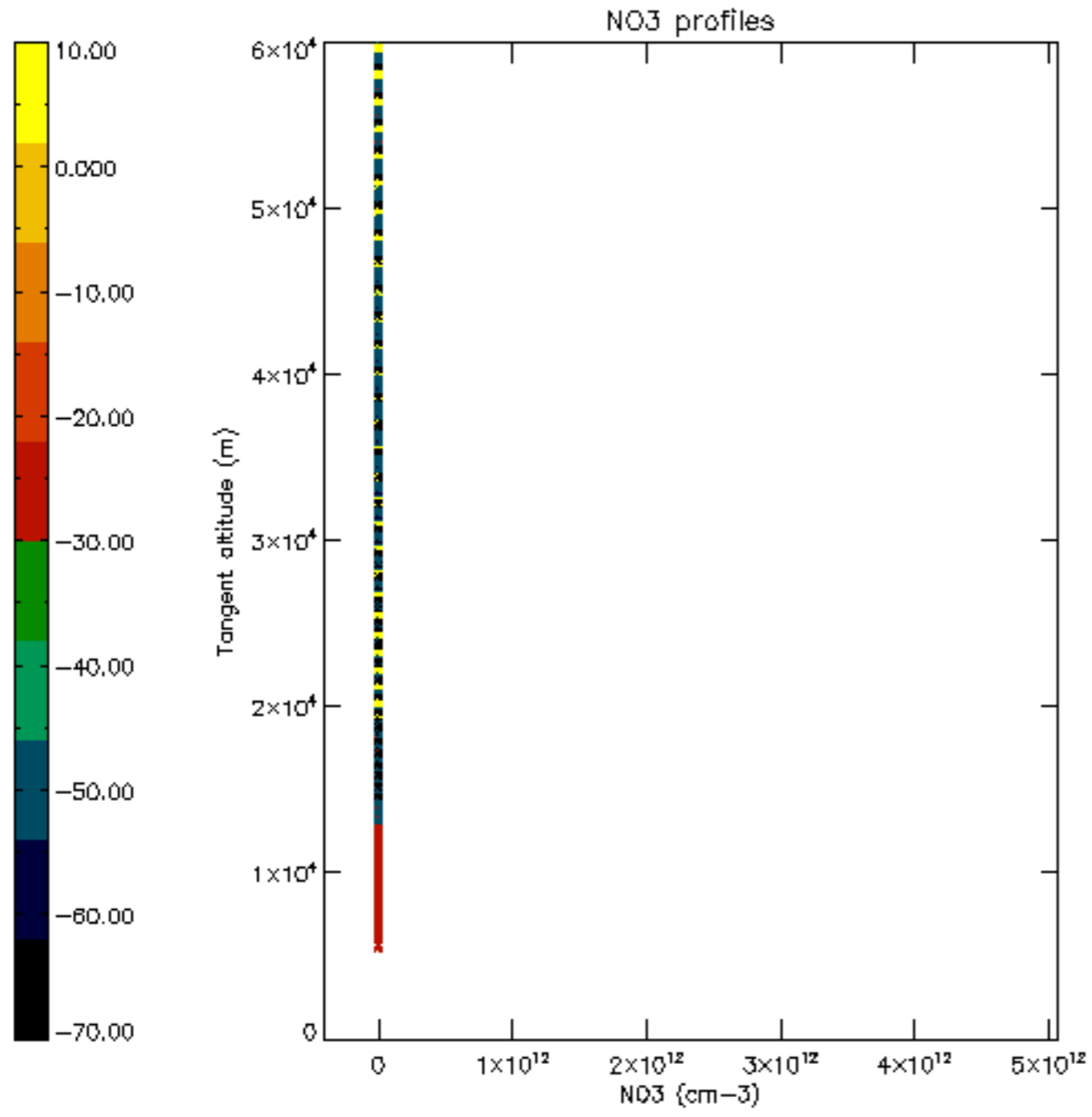


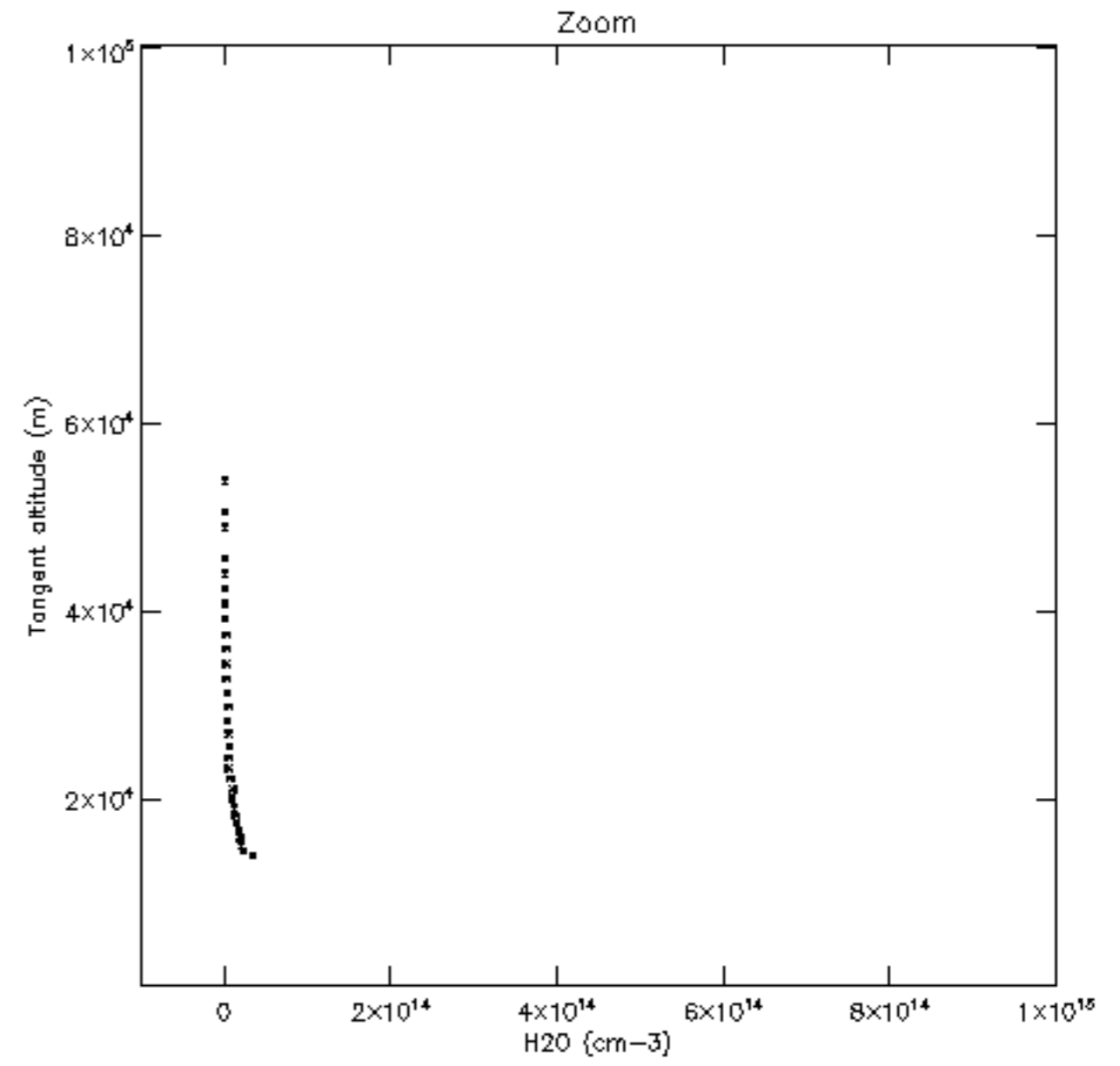
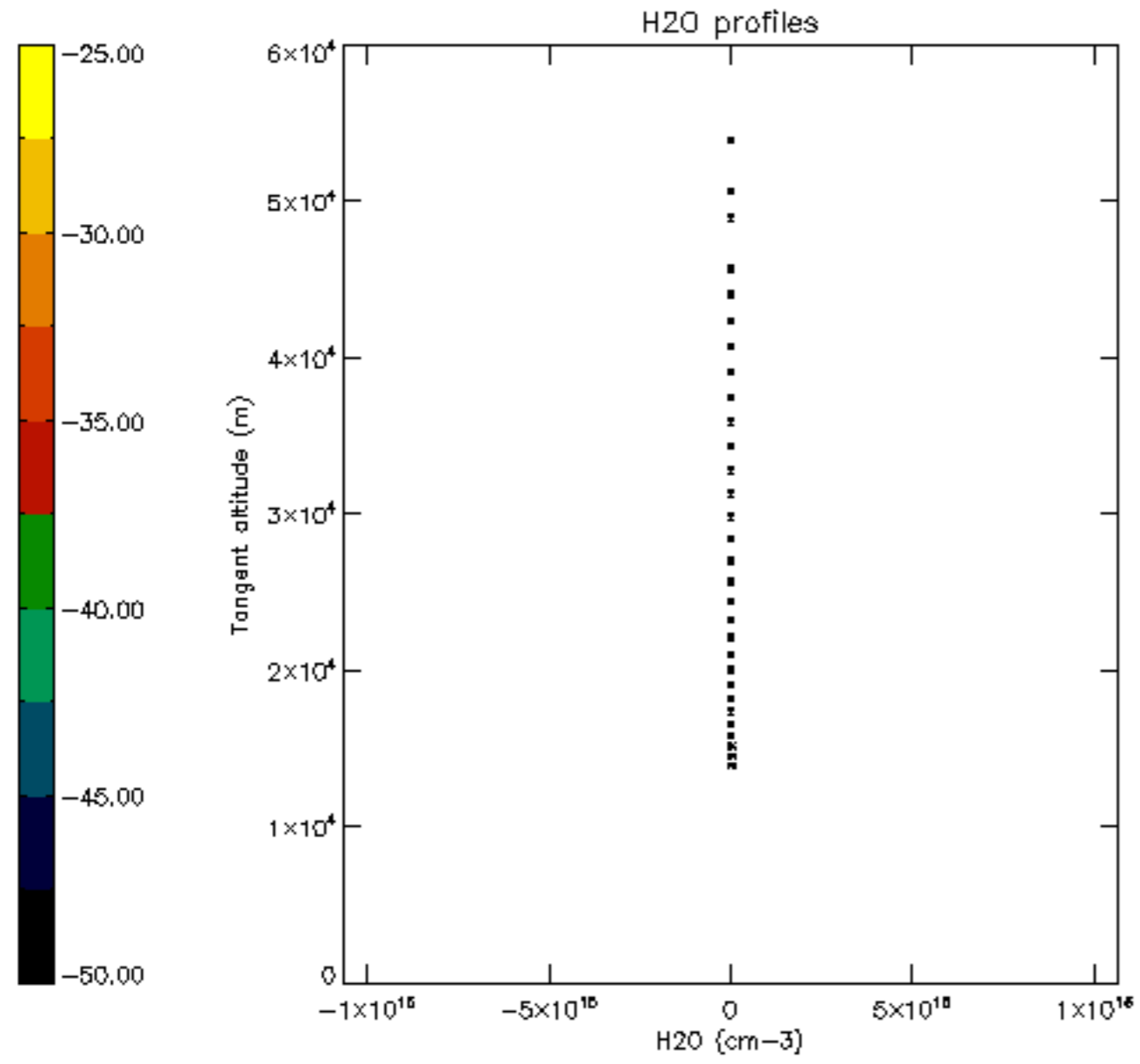


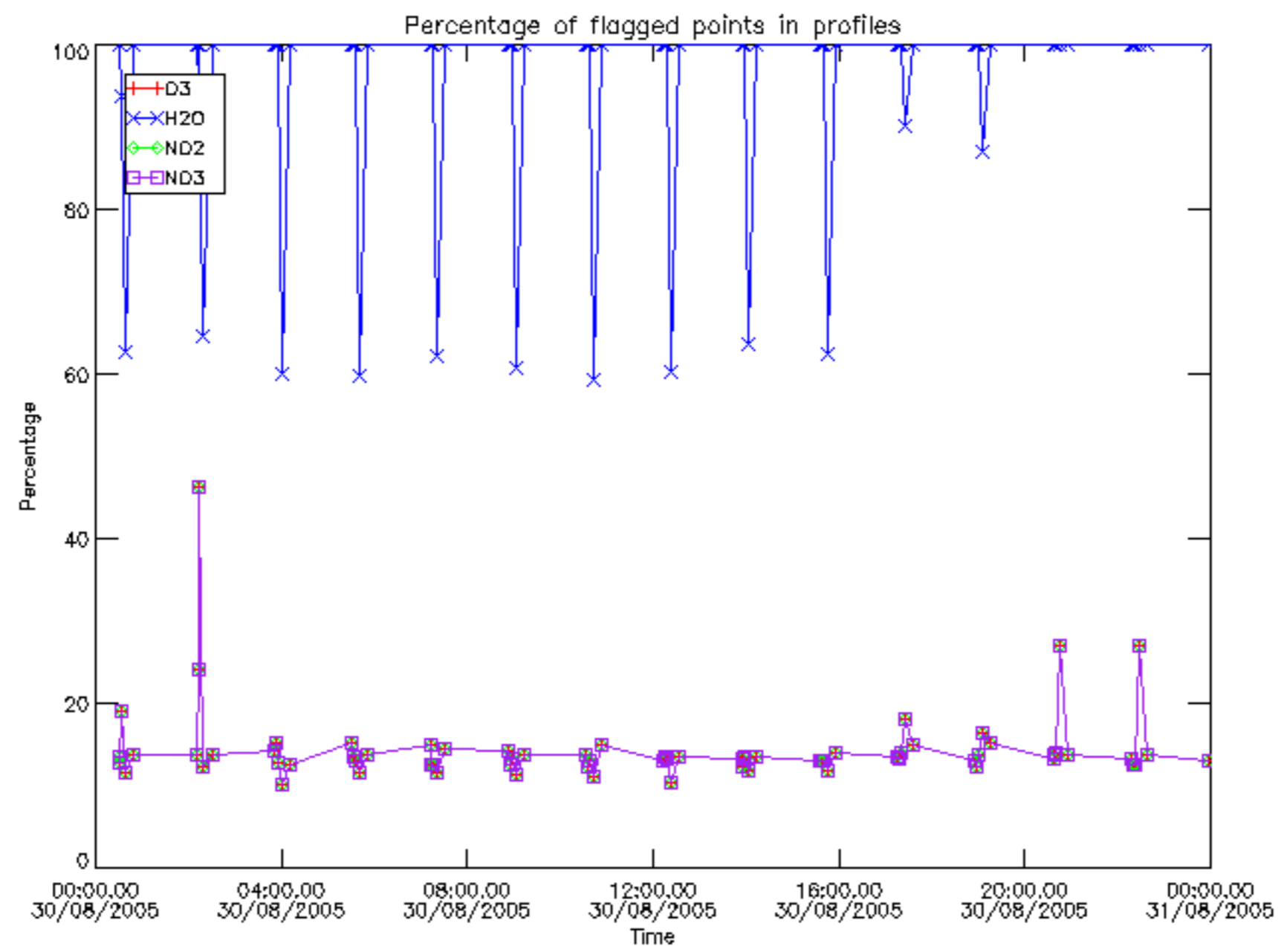




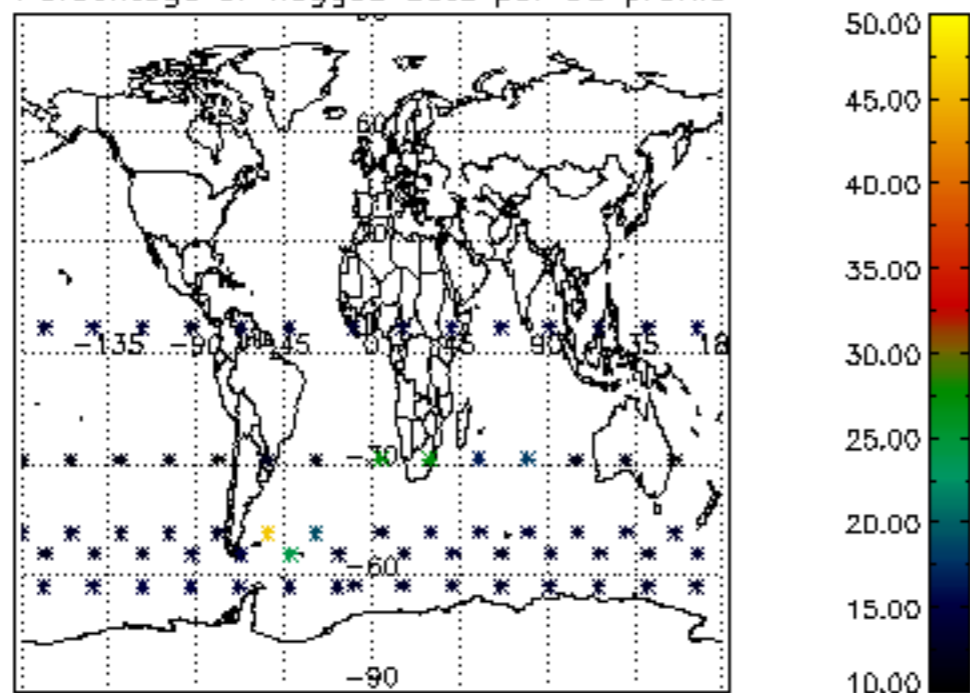




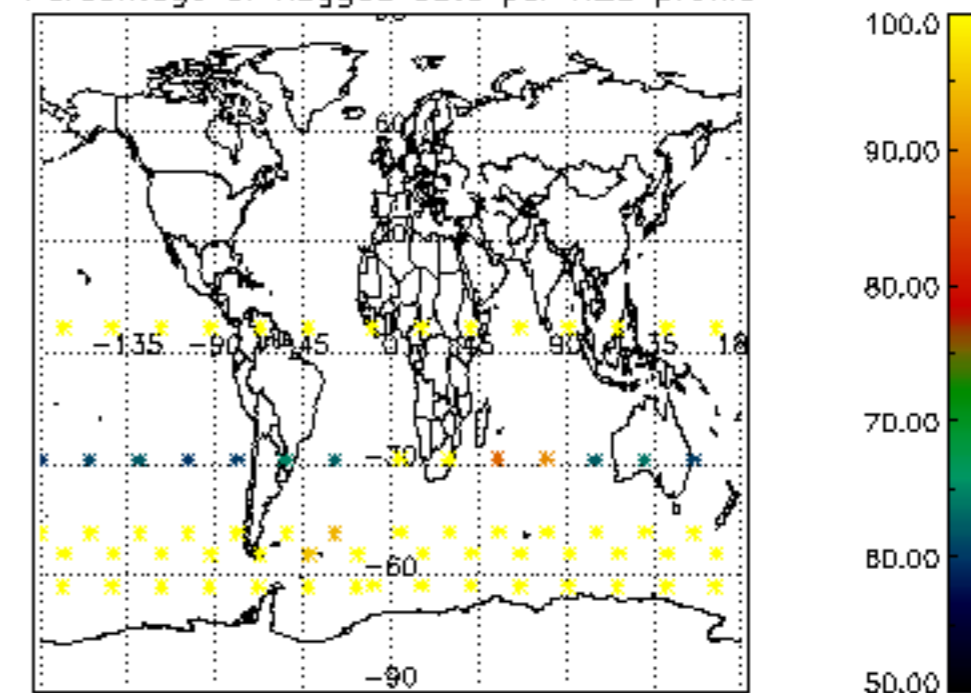




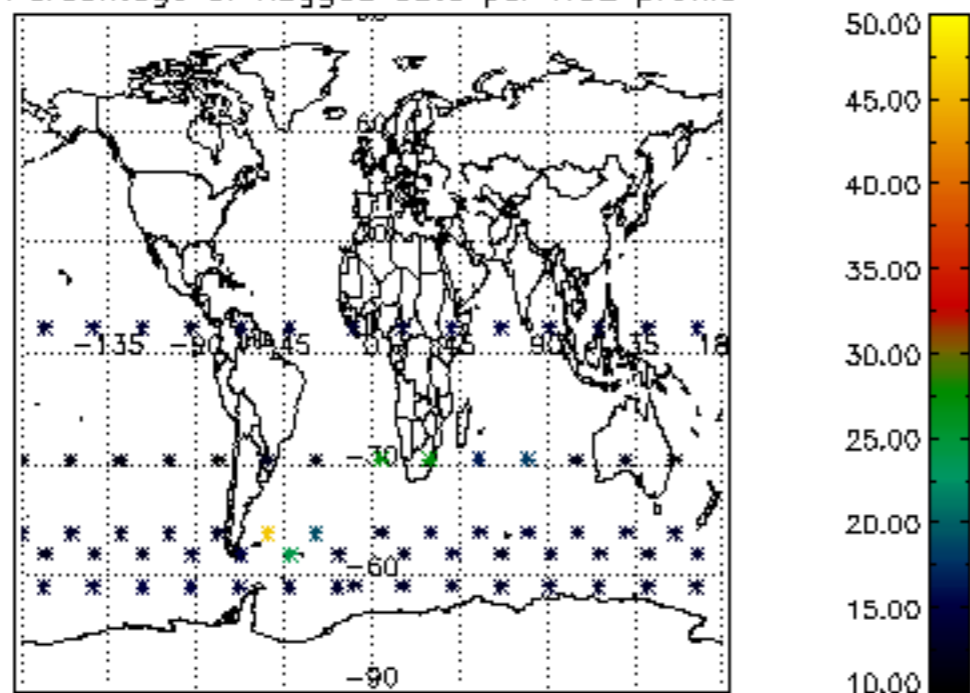
Percentage of flagged data per D3 profile



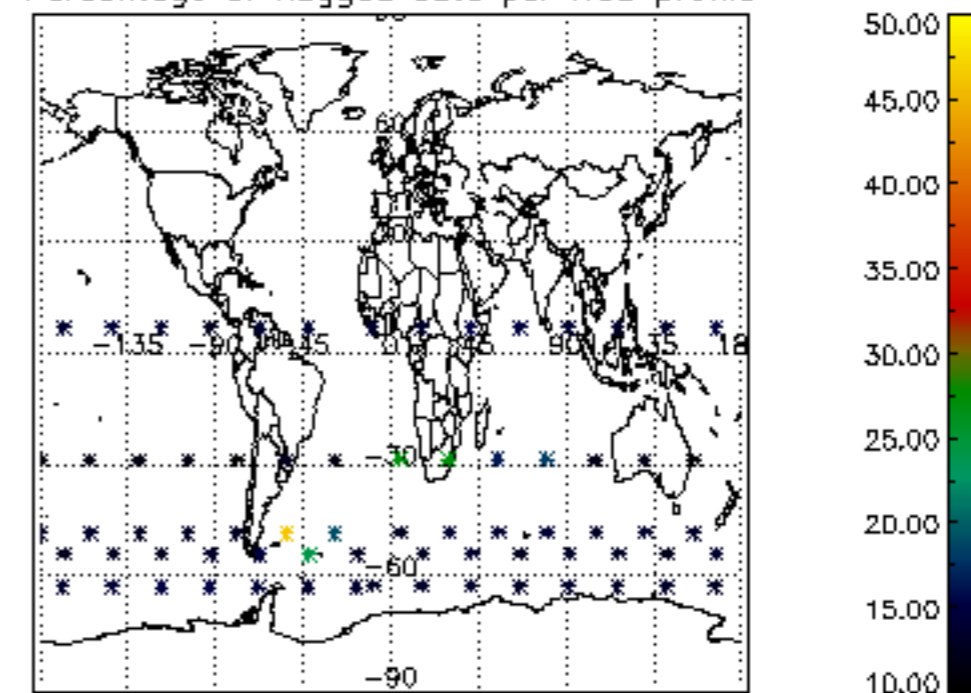
Percentage of flagged data per H2O profile

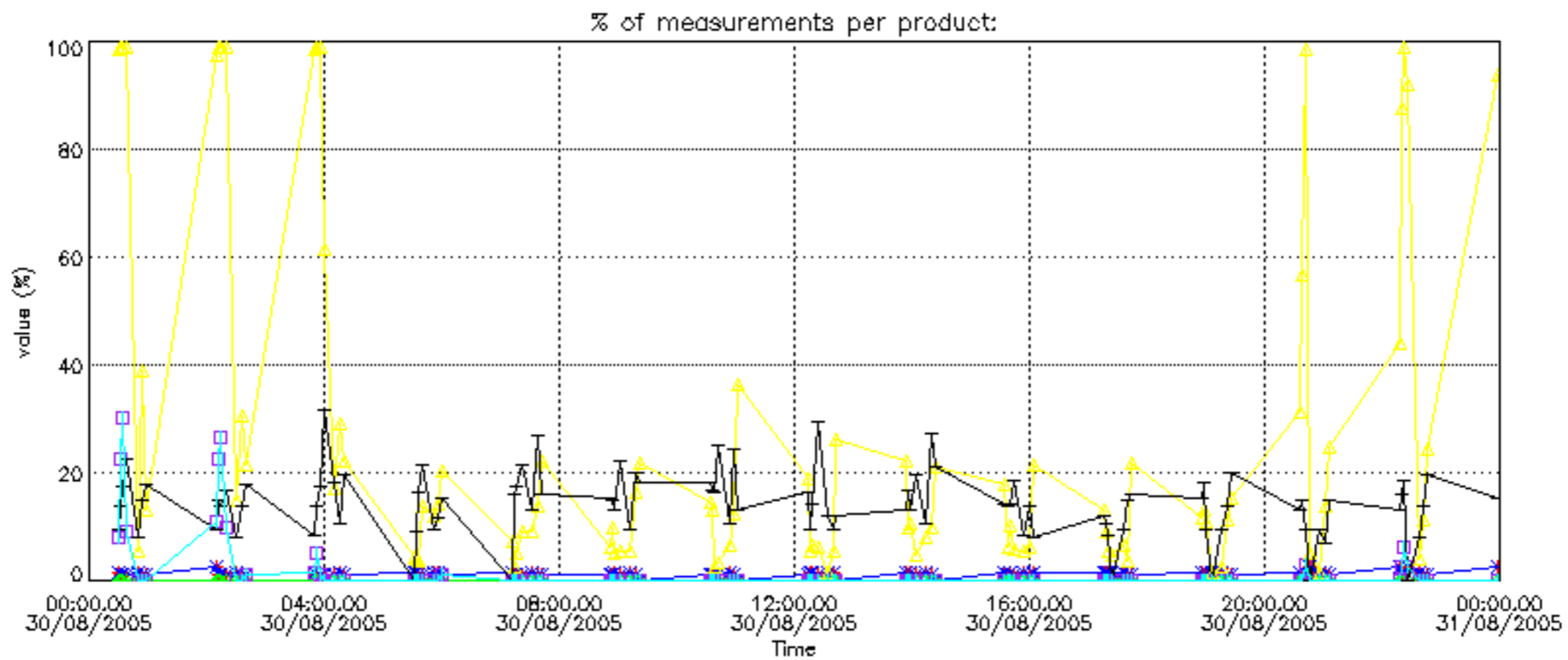


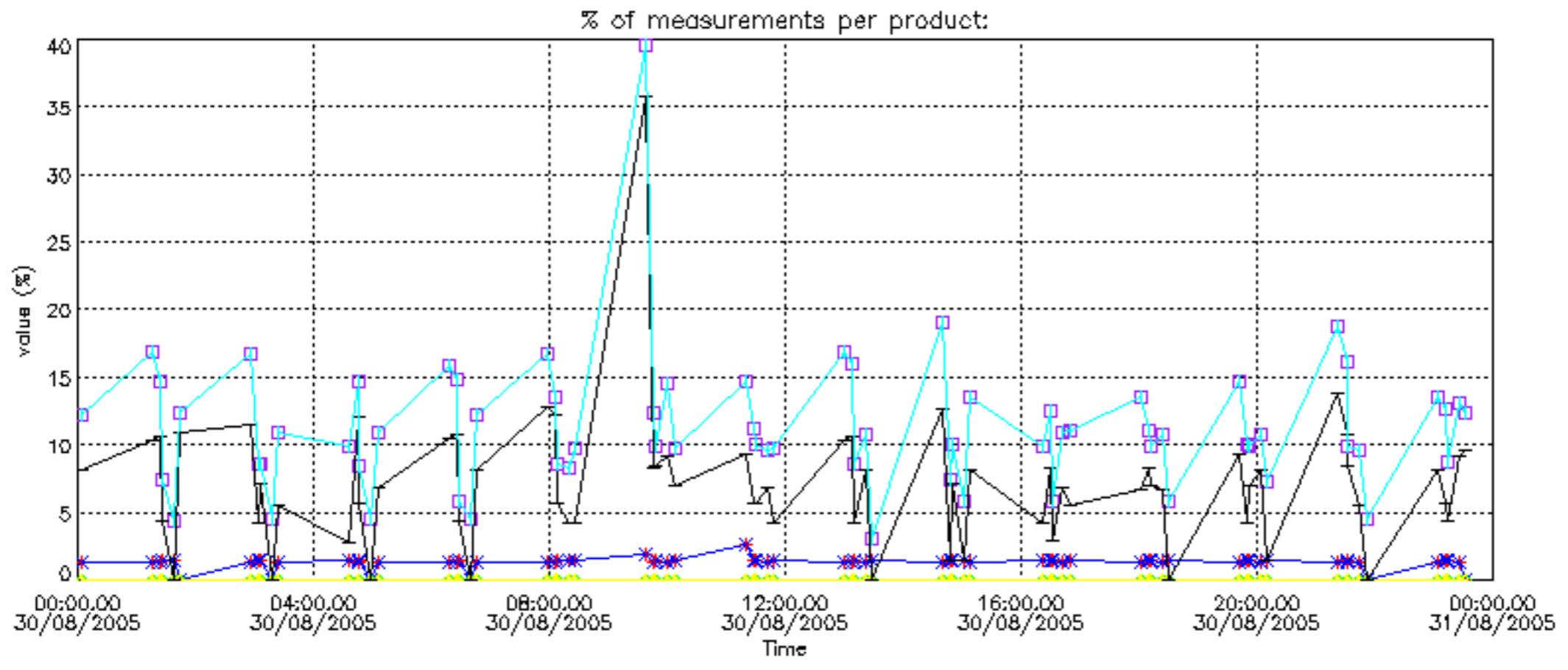
Percentage of flagged data per NO2 profile



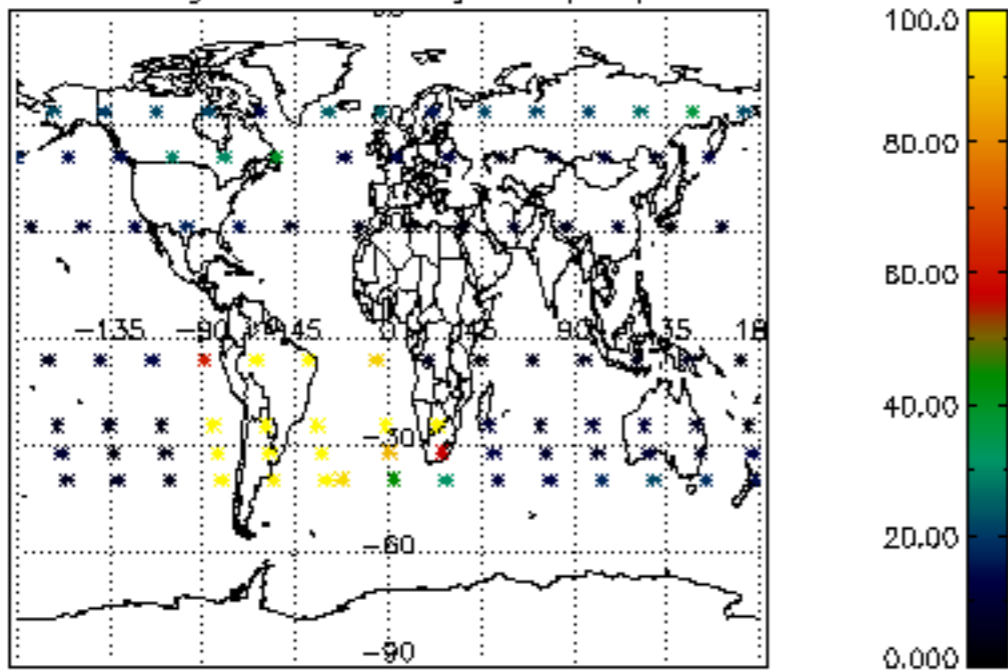
Percentage of flagged data per NO3 profile



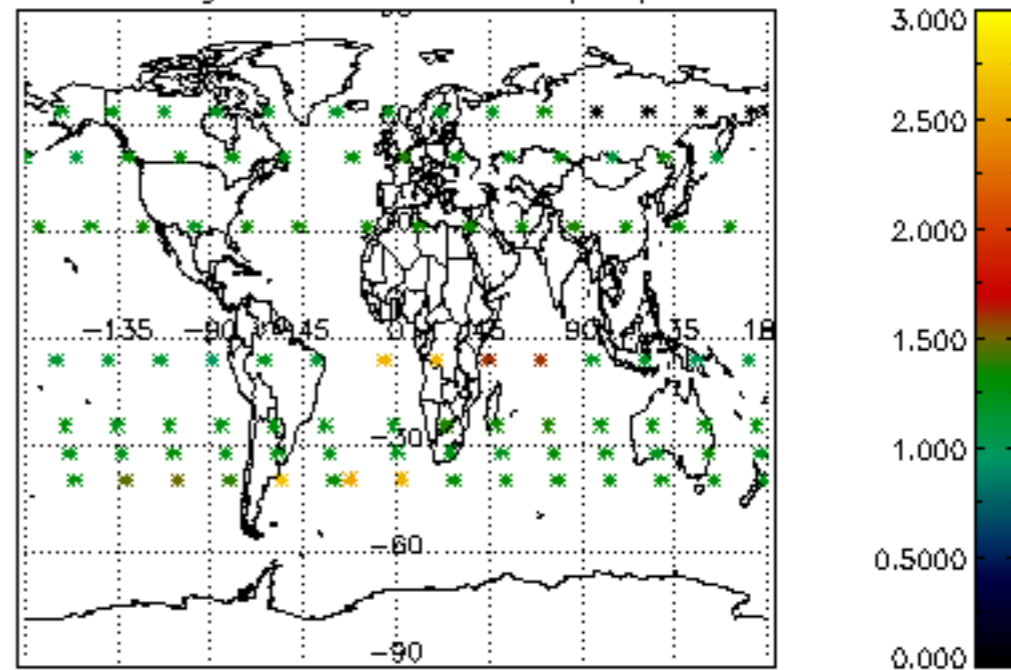




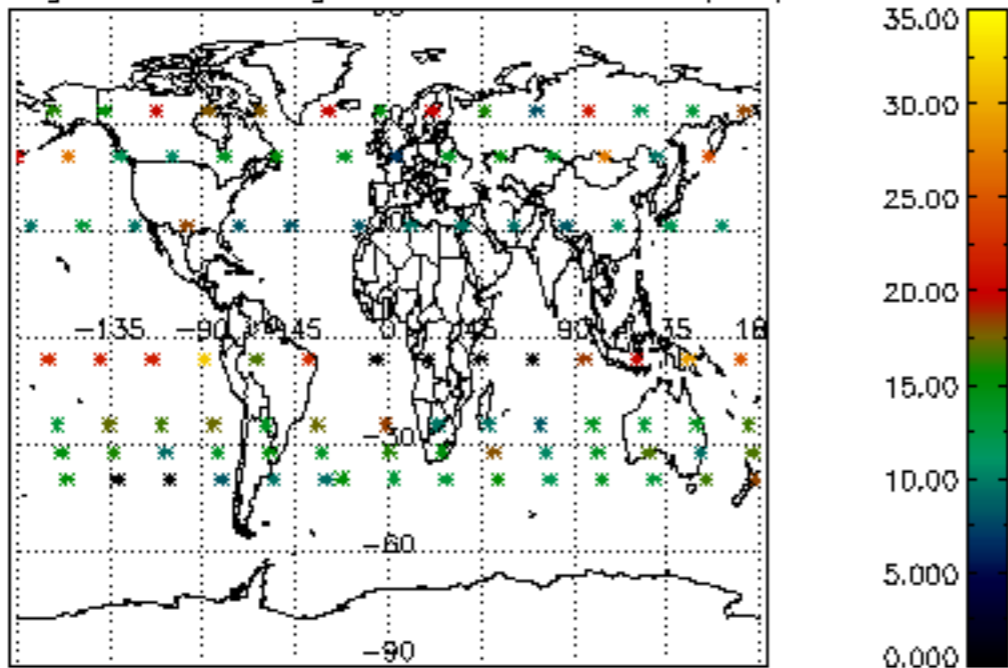
Percentage of cosmic ray hits per profile



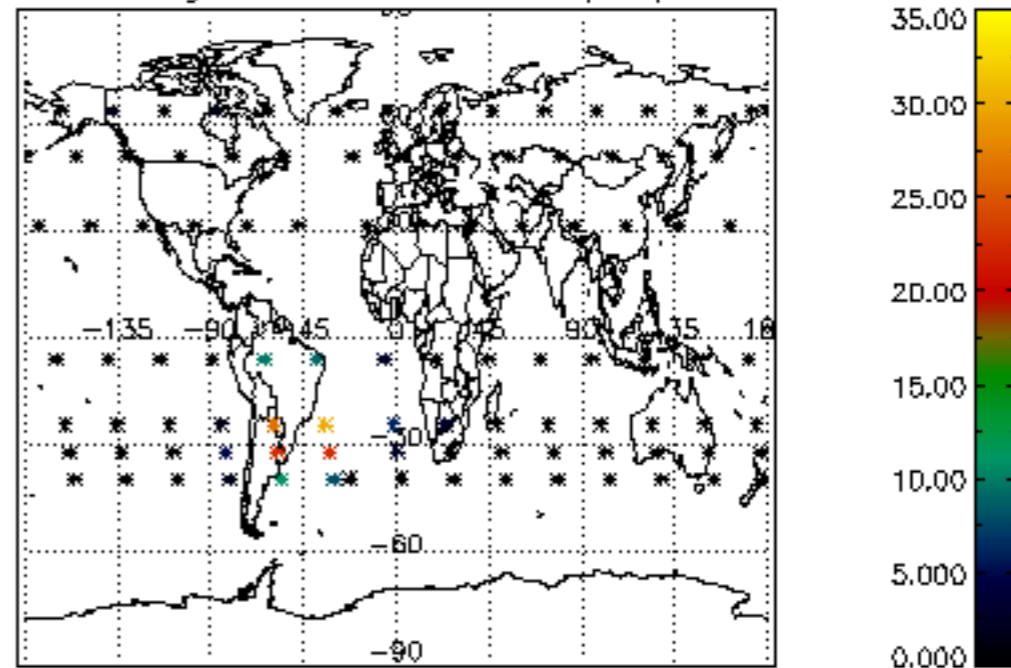
Percentage of datation errors per profile



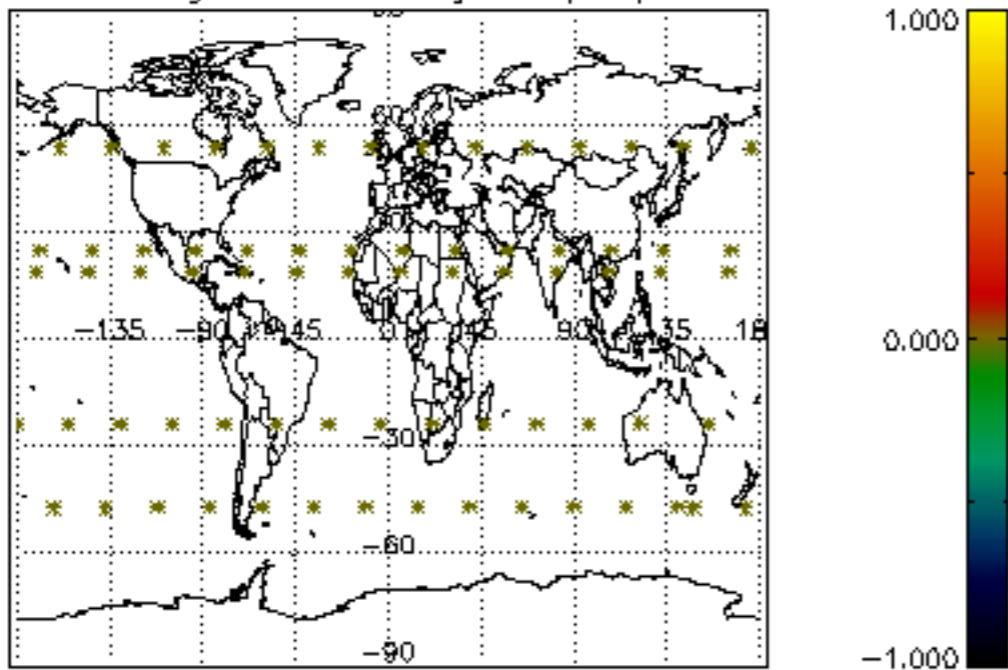
Percentage of star falling outside central band per profile



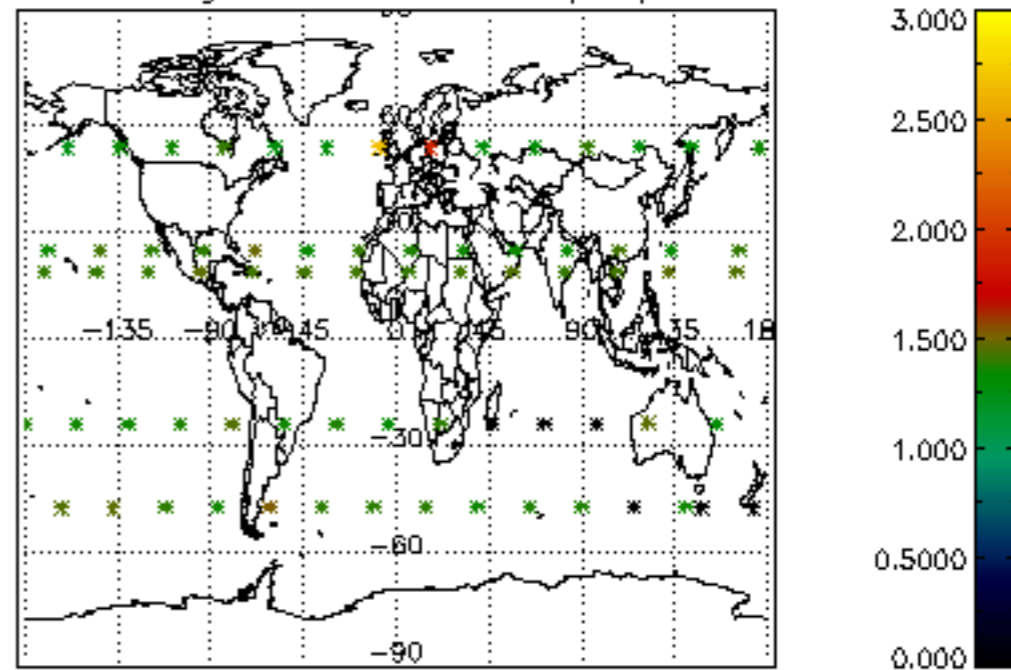
Percentage of saturation errors per profile



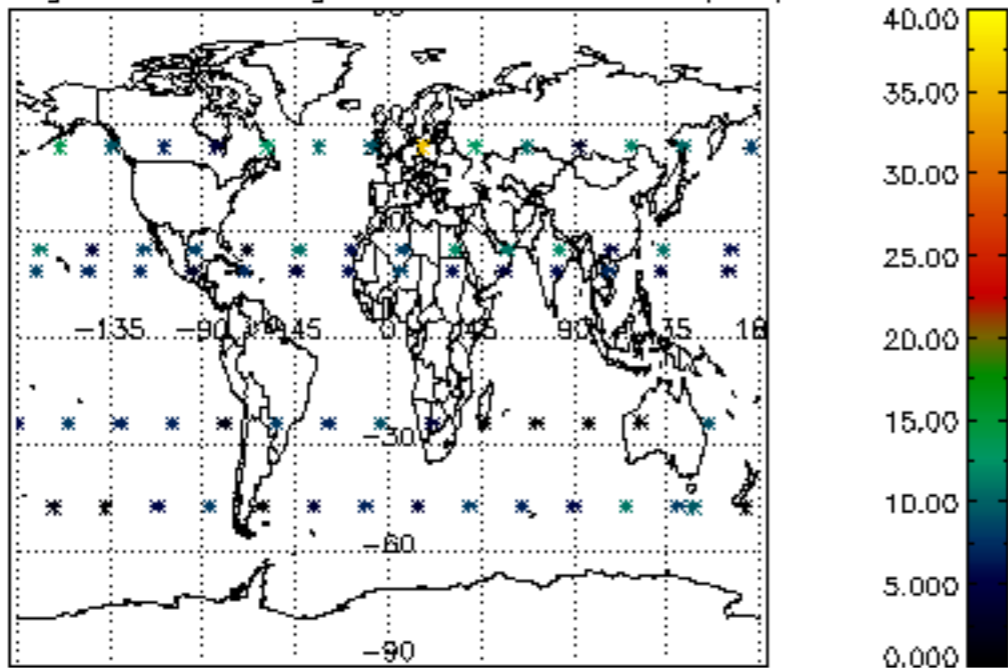
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

