

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

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

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

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

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

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

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

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

[5. Ozone profiles based on quality statistics and other trace gas profiles](#)

[5.1 Ozone statistics based on quality of products](#)

[5.2 Plot ozone profiles for all STD \(dark without errors\)](#)

[5.3 Plot ozone profiles where STD < 20% \(dark without errors\)](#)

[5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

[5.5. Plot ozone profiles where STD < 5% \(dark without errors\)](#)

[5.6 Plot NO2 profiles for all STD \(dark without errors\)](#)

[5.7 Plot NO3 profiles for all STD \(dark without errors\)](#)

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

[6. Auxiliary Data Files used for the production reported in section 2](#)

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	29APR2013 13:18:41
Data source version	GOMOS/6.01
Start time of products	22-07-2010 (22JUL2010 00:00:00)
Stop time of products	23-07-2010 (23JUL2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	250
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__2PRFIN20100722_001145_000000472091_00231_43872_5004.N1	22-JUL-2010 00:11:45	Bright	46.500	11	53Alp Aql	0.76500	8000.0	93	43872	No
2	GOM_NL__2PRFIN20100722_001955_000000342091_00231_43872_5005.N1	22-JUL-2010 00:19:55	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	43872	No
3	GOM_NL__2PRFIN20100722_002243_000000422091_00231_43872_5006.N1	22-JUL-2010 00:22:43	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	43872	No
4	GOM_NL__2PRFIN20100722_002437_000000482091_00231_43872_5007.N1	22-JUL-2010 00:24:37	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	43872	No
5	GOM_NL__2PRFIN20100722_002946_000000412091_00231_43872_5008.N1	22-JUL-2010 00:29:46	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	43872	No
6	GOM_NL__2PRFIN20100722_003835_000000512091_00231_43872_5009.N1	22-JUL-2010 00:38:35	Bright	51.000	76	27Gam Cas	2.3000	30000.	102	43872	No
7	GOM_NL__2PRFIN20100722_004407_000000442091_00231_43872_5010.N1	22-JUL-2010 00:44:07	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	43872	No
8	GOM_NL__2PRFIN20100722_004534_000000452091_00231_43872_5011.N1	22-JUL-2010 00:45:34	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	43872	No
9	GOM_NL__2PRFIN20100722_004836_000000492091_00231_43872_5012.N1	22-JUL-2010 00:48:36	Bright	48.500	79	26Bet Per	2.3100	13100.	97	43872	No
10	GOM_NL__2PRFIN20100722_005145_000000472091_00231_43872_5013.N1	22-JUL-2010 00:51:45	Twilight	46.500	150	44Zet Per	2.8900	28000.	93	43872	No
11	GOM_NL__2PRFIN20100722_005430_000000492091_00231_43872_5014.N1	22-JUL-2010 00:54:30	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	43872	No
12	GOM_NL__2PRFIN20100722_005605_000000512091_00231_43872_5015.N1	22-JUL-2010 00:56:05	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	43872	No
13	GOM_NL__2PRFIN20100722_010556_000000492091_00231_43872_5016.N1	22-JUL-2010 01:05:56	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	43872	No
14	GOM_NL__2PRFIN20100722_012109_000000432091_00232_43873_5008.N1	22-JUL-2010 01:21:09	Dark	43.000	9	Alp Eri	0.45300	24000.	86	43873	No
15	GOM_NL__2PRFIN20100722_012450_000000592091_00232_43873_5009.N1	22-JUL-2010 01:24:50	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	43873	No
16	GOM_NL__2PRFIN20100722_012830_000000432091_00232_43873_5010.N1	22-JUL-2010 01:28:30	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	43873	No
17	GOM_NL__2PRFIN20100722_013008_000000622091_00232_43873_5011.N1	22-JUL-2010 01:30:08	Straylight	61.500	63	Bet Gru	2.1500	2800.0	123	43873	No
18	GOM_NL__2PRFIN20100722_013134_000000542091_00232_43873_5012.N1	22-JUL-2010 01:31:34	Straylight	54.000	31	Alp Gru	1.7340	15200.	108	43873	No
19	GOM_NL__2PRFIN20100722_013447_000000502091_00232_43873_5013.N1	22-JUL-2010 01:34:47	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	43873	No
20	GOM_NL__2PRFIN20100722_015221_000000422091_00232_43873_5014.N1	22-JUL-2010 01:52:21	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	43873	No
21	GOM_NL__2PRFIN20100722_020031_000000412091_00232_43873_5015.N1	22-JUL-2010 02:00:31	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43873	No
22	GOM_NL__2PRFIN20100722_020319_000000412091_00232_43873_5016.N1	22-JUL-2010 02:03:19	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43873	No
23	GOM_NL__2PRFIN20100722_020512_000000442091_00232_43873_5017.N1	22-JUL-2010 02:05:12	Bright	44.000	19	50Alp Cyg	1.2460	10500.	88	43873	No
24	GOM_NL__2PRFIN20100722_021021_000000432091_00232_43873_5018.N1	22-JUL-2010 02:10:21	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	43873	No
25	GOM_NL__2PRFIN20100722_021911_000000482091_00232_43873_5019.N1	22-JUL-2010 02:19:11	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43873	No
26	GOM_NL__2PRFIN20100722_022443_000000442091_00232_43873_5020.N1	22-JUL-2010 02:24:43	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	43873	No
27	GOM_NL__2PRFIN20100722_022610_000000452091_00232_43873_5021.N1	22-JUL-2010 02:26:10	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	43873	No
28	GOM_NL__2PRFIN20100722_022912_000000522091_00232_43873_5022.N1	22-JUL-2010 02:29:12	Bright	51.500	79	26Bet Per	2.3100	13100.	103	43873	No
29	GOM_NL__2PRFIN20100722_023221_000000462091_00232_43873_5023.N1	22-JUL-2010 02:32:21	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	43873	No
30	GOM_NL__2PRFIN20100722_023506_000000462091_00232_43873_5024.N1	22-JUL-2010 02:35:06	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	43873	No
31	GOM_NL__2PRFIN20100722_023641_000000452091_00232_43873_5025.N1	22-JUL-2010 02:36:41	Dark	45.000	13	87Alp Tau	0.86700	3800.0	90	43873	No
32	GOM_NL__2PRFIN20100722_024633_000000472091_00232_43873_5026.N1	22-JUL-2010 02:46:33	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	43873	No
33	GOM_NL__2PRFIN20100722_025545_000000432091_00232_43873_5027.N1	22-JUL-2010 02:55:45	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43873	No
34	GOM_NL__2PRFIN20100722_030146_000000542091_00233_43874_5018.N1	22-JUL-2010 03:01:46	Dark	53.500	9	Alp Eri	0.45300	24000.	107	43874	No
35	GOM_NL__2PRFIN20100722_030527_000000592091_00233_43874_5019.N1	22-JUL-2010 03:05:27	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	43874	No
36	GOM_NL__2PRFIN20100722_030906_000000442091_00233_43874_5020.N1	22-JUL-2010 03:09:06	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	43874	No
37	GOM_NL__2PRFIN20100722_031044_000000552091_00233_43874_5021.N1	22-JUL-2010 03:10:44	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	43874	No
38	GOM_NL__2PRFIN20100722_031211_000000472091_00233_43874_5022.N1	22-JUL-2010 03:12:11	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	43874	No
39	GOM_NL__2PRFIN20100722_031524_000000492091_00233_43874_5023.N1	22-JUL-2010 03:15:24	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	43874	No
40	GOM_NL__2PRFIN20100722_033256_000000432091_00233_43874_5024.N1	22-JUL-2010 03:32:56	Bright	42.500	11	53Alp Aql	0.76500	8000.0	85	43874	No
41	GOM_NL__2PRFIN20100722_034107_000000412091_00233_43874_5025.N1	22-JUL-2010 03:41:07	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43874	No
42	GOM_NL__2PRFIN20100722_034354_000000402091_00233_43874_5026.N1	22-JUL-2010 03:43:54	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	43874	No

43	GOM_NL__2PRFIN20100722_034547_000000462091_00233_43874_5027.N1	22-JUL-2010 03:45:47	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	43874	No
44	GOM_NL__2PRFIN20100722_035057_000000412091_00233_43874_5028.N1	22-JUL-2010 03:50:57	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	43874	No
45	GOM_NL__2PRFIN20100722_035946_000000512091_00233_43874_5029.N1	22-JUL-2010 03:59:46	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	43874	No
46	GOM_NL__2PRFIN20100722_040518_000000452091_00233_43874_5030.N1	22-JUL-2010 04:05:18	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	43874	No
47	GOM_NL__2PRFIN20100722_040645_000000632091_00233_43874_5031.N1	22-JUL-2010 04:06:45	Bright	63.000	35	33Alp Per	1.7950	6250.0	126	43874	No
48	GOM_NL__2PRFIN20100722_040948_000000522091_00233_43874_5032.N1	22-JUL-2010 04:09:48	Bright	52.000	79	26Bet Per	2.3100	13100.	104	43874	No
49	GOM_NL__2PRFIN20100722_041257_000000442091_00233_43874_5033.N1	22-JUL-2010 04:12:57	Twilight	44.000	150	44Zet Per	2.8900	28000.	88	43874	No
50	GOM_NL__2PRFIN20100722_041542_000000452091_00233_43874_5034.N1	22-JUL-2010 04:15:42	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	43874	No
51	GOM_NL__2PRFIN20100722_041717_000000512091_00233_43874_5035.N1	22-JUL-2010 04:17:17	Dark	51.000	13	87Alp Tau	0.86700	3800.0	102	43874	No
52	GOM_NL__2PRFIN20100722_042709_000000512091_00233_43874_5036.N1	22-JUL-2010 04:27:09	Dark	50.500	165	34Gam Eri	2.9500	3200.0	101	43874	No
53	GOM_NL__2PRFIN20100722_043622_000000442091_00233_43874_5037.N1	22-JUL-2010 04:36:22	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43874	No
54	GOM_NL__2PRFIN20100722_044222_000000532091_00234_43875_5027.N1	22-JUL-2010 04:42:22	Dark	52.500	9	Alp Eri	0.45300	24000.	105	43875	No
55	GOM_NL__2PRFIN20100722_044604_000000542091_00234_43875_5028.N1	22-JUL-2010 04:46:04	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	43875	No
56	GOM_NL__2PRFIN20100722_044943_000000412091_00234_43875_5029.N1	22-JUL-2010 04:49:43	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43875	No
57	GOM_NL__2PRFIN20100722_045121_000000532091_00234_43875_5030.N1	22-JUL-2010 04:51:21	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	43875	No
58	GOM_NL__2PRFIN20100722_045248_000000452091_00234_43875_5031.N1	22-JUL-2010 04:52:48	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	43875	No
59	GOM_NL__2PRFIN20100722_045601_000000492091_00234_43875_5032.N1	22-JUL-2010 04:56:01	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	43875	No
60	GOM_NL__2PRFIN20100722_051332_000000422091_00234_43875_5033.N1	22-JUL-2010 05:13:32	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	43875	No
61	GOM_NL__2PRFIN20100722_052142_000000422091_00234_43875_5034.N1	22-JUL-2010 05:21:42	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	43875	No
62	GOM_NL__2PRFIN20100722_052430_000000392091_00234_43875_5035.N1	22-JUL-2010 05:24:30	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	43875	No
63	GOM_NL__2PRFIN20100722_052622_000000482091_00234_43875_5036.N1	22-JUL-2010 05:26:22	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	43875	No
64	GOM_NL__2PRFIN20100722_053132_000000442091_00234_43875_5037.N1	22-JUL-2010 05:31:32	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43875	No
65	GOM_NL__2PRFIN20100722_054022_000000492091_00234_43875_5038.N1	22-JUL-2010 05:40:22	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	43875	No
66	GOM_NL__2PRFIN20100722_054554_000000442091_00234_43875_5039.N1	22-JUL-2010 05:45:54	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	43875	No
67	GOM_NL__2PRFIN20100722_054721_000000632091_00234_43875_5040.N1	22-JUL-2010 05:47:21	Bright	63.000	35	33Alp Per	1.7950	6250.0	126	43875	No
68	GOM_NL__2PRFIN20100722_055024_000000522091_00234_43875_5041.N1	22-JUL-2010 05:50:24	Bright	51.500	79	26Bet Per	2.3100	13100.	103	43875	No
69	GOM_NL__2PRFIN20100722_055333_000000462091_00234_43875_5042.N1	22-JUL-2010 05:53:33	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	43875	No
70	GOM_NL__2PRFIN20100722_055618_000000482091_00234_43875_5043.N1	22-JUL-2010 05:56:18	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	43875	No
71	GOM_NL__2PRFIN20100722_055754_000000492091_00234_43875_5044.N1	22-JUL-2010 05:57:54	Dark	49.000	13	87Alp Tau	0.86700	3800.0	98	43875	No
72	GOM_NL__2PRFIN20100722_060746_000000502091_00234_43875_5045.N1	22-JUL-2010 06:07:46	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	43875	No
73	GOM_NL__2PRFIN20100722_061658_000000442091_00234_43875_5046.N1	22-JUL-2010 06:16:58	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43875	No
74	GOM_NL__2PRFIN20100722_062259_000000542091_00235_43876_5057.N1	22-JUL-2010 06:22:59	Dark	54.000	9	Alp Eri	0.45300	24000.	108	43876	No
75	GOM_NL__2PRFIN20100722_062641_000000532091_00235_43876_5058.N1	22-JUL-2010 06:26:41	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	43876	No
76	GOM_NL__2PRFIN20100722_063021_000000402091_00235_43876_5059.N1	22-JUL-2010 06:30:21	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	43876	No
77	GOM_NL__2PRFIN20100722_063158_000000642091_00235_43876_5060.N1	22-JUL-2010 06:31:58	Straylight	63.500	63	Bet Gru	2.1500	2800.0	127	43876	No
78	GOM_NL__2PRFIN20100722_063324_000000462091_00235_43876_5061.N1	22-JUL-2010 06:33:24	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	43876	No
79	GOM_NL__2PRFIN20100722_063637_000000472091_00235_43876_5062.N1	22-JUL-2010 06:36:37	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	43876	No
80	GOM_NL__2PRFIN20100722_065408_000000452091_00235_43876_5063.N1	22-JUL-2010 06:54:08	Bright	45.000	11	53Alp Aql	0.76500	8000.0	90	43876	No
81	GOM_NL__2PRFIN20100722_070219_000000362091_00235_43876_5064.N1	22-JUL-2010 07:02:19	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	43876	No
82	GOM_NL__2PRFIN20100722_070505_000000402091_00235_43876_5065.N1	22-JUL-2010 07:05:05	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	43876	No
83	GOM_NL__2PRFIN20100722_070658_000000462091_00235_43876_5066.N1	22-JUL-2010 07:06:58	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	43876	No
84	GOM_NL__2PRFIN20100722_071208_000000412091_00235_43876_5067.N1	22-JUL-2010 07:12:08	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	43876	No
85	GOM_NL__2PRFIN20100722_072057_000000482091_00235_43876_5068.N1	22-JUL-2010 07:20:57	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43876	No
86	GOM_NL__2PRFIN20100722_072630_000000432091_00235_43876_5069.N1	22-JUL-2010 07:26:30	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	43876	No
87	GOM_NL__2PRFIN20100722_072757_000000442091_00235_43876_5070.N1	22-JUL-2010 07:27:57	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	43876	No
88	GOM_NL__2PRFIN20100722_073100_000000532091_00235_43876_5071.N1	22-JUL-2010 07:31:00	Bright	53.000	79	26Bet Per	2.3100	13100.	106	43876	No
89	GOM_NL__2PRFIN20100722_073410_000000482091_00235_43876_5072.N1	22-JUL-2010 07:34:10	Twilight	47.500	150	44Zet Per	2.8900	28000.	95	43876	No
90	GOM_NL__2PRFIN20100722_073655_000000492091_00235_43876_5073.N1	22-JUL-2010 07:36:55	Twilight	48.500	146	25Eta Tau	2.8730	15200.	97	43876	No
91	GOM_NL__2PRFIN20100722_073830_000000572091_00235_43876_5074.N1	22-JUL-2010 07:38:30	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	43876	No
92	GOM_NL__2PRFIN20100722_074823_000000492091_00235_43876_5075.N1	22-JUL-2010 07:48:23	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	43876	No
93	GOM_NL__2PRFIN20100722_075735_000000442091_00235_43876_5076.N1	22-JUL-2010 07:57:35	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43876	No
94	GOM_NL__2PRFIN20100722_080335_000000432091_00236_43877_5086.N1	22-JUL-2010 08:03:35	Dark	42.500	9	Alp Eri	0.45300	24000.	85	43877	No
95	GOM_NL__2PRFIN20100722_080719_000000542091_00236_43877_5087.N1	22-JUL-2010 08:07:19	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	43877	No
96	GOM_NL__2PRFIN20100722_081059_000000452091_00236_43877_5088.N1	22-JUL-2010 08:10:59	Straylight	45.000	148	Alp Tuc	2.8780	4100.0	90	43877	No
97	GOM_NL__2PRFIN20100722_081235_000000632091_00236_43877_5089.N1	22-JUL-2010 08:12:35	Straylight	62.500	63	Bet Gru	2.1500	2800.0	125	43877	No
98	GOM_NL__2PRFIN20100722_081401_000000502091_00236_43877_5090.N1	22-JUL-2010 08:14:01	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	43877	No
99	GOM_NL__2PRFIN20100722_081714_000000502091_00236_43877_5091.N1	22-JUL-2010 08:17:14	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	43877	No
100	GOM_NL__2PRFIN20100722_083444_000000422091_00236_43877_5092.N1	22-JUL-2010 08:34:44	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	43877	No
101	GOM_NL__2PRFIN20100722_084254_000000402091_00236_43877_5093.N1	22-JUL-2010 08:42:54	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	43877	No

102	GOM_NL__2PRFIN20100722_084541_000000392091_00236_43877_5094.N1	22-JUL-2010 08:45:41	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	43877	No
103	GOM_NL__2PRFIN20100722_084733_000000492091_00236_43877_5095.N1	22-JUL-2010 08:47:33	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	43877	No
104	GOM_NL__2PRFIN20100722_085243_000000422091_00236_43877_5096.N1	22-JUL-2010 08:52:43	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43877	No
105	GOM_NL__2PRFIN20100722_090132_000000502091_00236_43877_5097.N1	22-JUL-2010 09:01:32	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	43877	No
106	GOM_NL__2PRFIN20100722_090705_000000452091_00236_43877_5098.N1	22-JUL-2010 09:07:05	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	43877	No
107	GOM_NL__2PRFIN20100722_090833_000000462091_00236_43877_5099.N1	22-JUL-2010 09:08:33	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	43877	No
108	GOM_NL__2PRFIN20100722_091136_000000532091_00236_43877_5100.N1	22-JUL-2010 09:11:36	Bright	53.000	79	26Bet Per	2.3100	13100.	106	43877	No
109	GOM_NL__2PRFIN20100722_091446_000000492091_00236_43877_5101.N1	22-JUL-2010 09:14:46	Twilight	49.000	150	44Zet Per	2.8900	28000.	98	43877	No
110	GOM_NL__2PRFIN20100722_091731_000000492091_00236_43877_5102.N1	22-JUL-2010 09:17:31	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	43877	No
111	GOM_NL__2PRFIN20100722_091906_000000522091_00236_43877_5103.N1	22-JUL-2010 09:19:06	Dark	52.000	13	87Alp Tau	0.86700	3800.0	104	43877	No
112	GOM_NL__2PRFIN20100722_092859_000000482091_00236_43877_5104.N1	22-JUL-2010 09:28:59	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	43877	No
113	GOM_NL__2PRFIN20100722_093812_000000432091_00236_43877_5105.N1	22-JUL-2010 09:38:12	Dark	42.500	157	The1Eri	2.9060	9300.0	85	43877	No
114	GOM_NL__2PRFIN20100722_094412_000000442091_00237_43878_5111.N1	22-JUL-2010 09:44:12	Dark	43.500	9	Alp Eri	0.45300	24000.	87	43878	No
115	GOM_NL__2PRFIN20100722_094755_000000532091_00237_43878_5112.N1	22-JUL-2010 09:47:55	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	43878	No
116	GOM_NL__2PRFIN20100722_095311_000000612091_00237_43878_5113.N1	22-JUL-2010 09:53:11	Straylight	60.500	63	Bet Gru	2.1500	2800.0	121	43878	No
117	GOM_NL__2PRFIN20100722_095437_000000502091_00237_43878_5114.N1	22-JUL-2010 09:54:37	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	43878	No
118	GOM_NL__2PRFIN20100722_095750_000000492091_00237_43878_5115.N1	22-JUL-2010 09:57:50	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	43878	No
119	GOM_NL__2PRFIN20100722_101519_000000412091_00237_43878_5116.N1	22-JUL-2010 10:15:19	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	43878	No
120	GOM_NL__2PRFIN20100722_102617_000000422091_00237_43878_5117.N1	22-JUL-2010 10:26:17	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	43878	No
121	GOM_NL__2PRFIN20100722_102808_000000492091_00237_43878_5118.N1	22-JUL-2010 10:28:08	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	43878	No
122	GOM_NL__2PRFIN20100722_103319_000000422091_00237_43878_5119.N1	22-JUL-2010 10:33:19	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43878	No
123	GOM_NL__2PRFIN20100722_104208_000000502091_00237_43878_5120.N1	22-JUL-2010 10:42:08	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	43878	No
124	GOM_NL__2PRFIN20100722_104741_000000442091_00237_43878_5121.N1	22-JUL-2010 10:47:41	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	43878	No
125	GOM_NL__2PRFIN20100722_104909_000000442091_00237_43878_5122.N1	22-JUL-2010 10:49:09	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	43878	No
126	GOM_NL__2PRFIN20100722_105212_000000522091_00237_43878_5123.N1	22-JUL-2010 10:52:12	Bright	52.000	79	26Bet Per	2.3100	13100.	104	43878	No
127	GOM_NL__2PRFIN20100722_105522_000000482091_00237_43878_5124.N1	22-JUL-2010 10:55:22	Twilight	47.500	150	44Zet Per	2.8900	28000.	95	43878	No
128	GOM_NL__2PRFIN20100722_105807_000000482091_00237_43878_5125.N1	22-JUL-2010 10:58:07	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	43878	No
129	GOM_NL__2PRFIN20100722_105942_000000522091_00237_43878_5126.N1	22-JUL-2010 10:59:42	Dark	51.500	13	87Alp Tau	0.86700	3800.0	103	43878	No
130	GOM_NL__2PRFIN20100722_110936_000000452091_00237_43878_5127.N1	22-JUL-2010 11:09:36	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	43878	No
131	GOM_NL__2PRFIN20100722_111848_000000452091_00237_43878_5128.N1	22-JUL-2010 11:18:48	Dark	44.500	157	The1Eri	2.9060	9300.0	89	43878	No
132	GOM_NL__2PRFIN20100722_130525_000000442091_00239_43880_5296.N1	22-JUL-2010 13:05:25	Dark	44.000	9	Alp Eri	0.45300	24000.	88	43880	No
133	GOM_NL__2PRFIN20100722_130910_000000542091_00239_43880_5297.N1	22-JUL-2010 13:09:10	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	43880	No
134	GOM_NL__2PRFIN20100722_131245_000000422091_00239_43880_5298.N1	22-JUL-2010 13:12:45	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	43880	No
135	GOM_NL__2PRFIN20100722_131424_000000522091_00239_43880_5299.N1	22-JUL-2010 13:14:24	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	43880	No
136	GOM_NL__2PRFIN20100722_131550_000000502091_00239_43880_5300.N1	22-JUL-2010 13:15:50	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	43880	No
137	GOM_NL__2PRFIN20100722_131903_000000492091_00239_43880_5301.N1	22-JUL-2010 13:19:03	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	43880	No
138	GOM_NL__2PRFIN20100722_133631_000000412091_00239_43880_5302.N1	22-JUL-2010 13:36:31	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	43880	No
139	GOM_NL__2PRFIN20100722_134442_000000402091_00239_43880_5303.N1	22-JUL-2010 13:44:42	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	43880	No
140	GOM_NL__2PRFIN20100722_134728_000000392091_00239_43880_5304.N1	22-JUL-2010 13:47:28	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	43880	No
141	GOM_NL__2PRFIN20100722_134919_000000482091_00239_43880_5305.N1	22-JUL-2010 13:49:19	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	43880	No
142	GOM_NL__2PRFIN20100722_135429_000000422091_00239_43880_5306.N1	22-JUL-2010 13:54:29	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	43880	No
143	GOM_NL__2PRFIN20100722_140425_000000452091_00239_43880_5307.N1	22-JUL-2010 14:04:25	Bright	45.000	110	37Del Cas	2.6780	8900.0	90	43880	No
144	GOM_NL__2PRFIN20100722_140852_000000452091_00239_43880_5308.N1	22-JUL-2010 14:08:52	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	43880	No
145	GOM_NL__2PRFIN20100722_141020_000000472091_00239_43880_5309.N1	22-JUL-2010 14:10:20	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	43880	No
146	GOM_NL__2PRFIN20100722_141324_000000492091_00239_43880_5310.N1	22-JUL-2010 14:13:24	Bright	48.500	79	26Bet Per	2.3100	13100.	97	43880	No
147	GOM_NL__2PRFIN20100722_141634_000000492091_00239_43880_5311.N1	22-JUL-2010 14:16:34	Twilight	49.000	150	44Zet Per	2.8900	28000.	98	43880	No
148	GOM_NL__2PRFIN20100722_141919_000000502091_00239_43880_5312.N1	22-JUL-2010 14:19:19	Twilight	49.500	146	25Eta Tau	2.8730	15200.	99	43880	No
149	GOM_NL__2PRFIN20100722_142054_000000552091_00239_43880_5313.N1	22-JUL-2010 14:20:54	Dark	54.500	13	87Alp Tau	0.86700	3800.0	109	43880	No
150	GOM_NL__2PRFIN20100722_143049_000000472091_00239_43880_5314.N1	22-JUL-2010 14:30:49	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	43880	No
151	GOM_NL__2PRFIN20100722_144002_000000432091_00239_43880_5315.N1	22-JUL-2010 14:40:02	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43880	No
152	GOM_NL__2PRFIN20100722_144602_000000512091_00240_43881_5328.N1	22-JUL-2010 14:46:02	Dark	50.500	9	Alp Eri	0.45300	24000.	101	43881	No
153	GOM_NL__2PRFIN20100722_144947_000000542091_00240_43881_5329.N1	22-JUL-2010 14:49:47	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	43881	No
154	GOM_NL__2PRFIN20100722_145322_000000422091_00240_43881_5330.N1	22-JUL-2010 14:53:22	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	43881	No
155	GOM_NL__2PRFIN20100722_145501_000000512091_00240_43881_5331.N1	22-JUL-2010 14:55:01	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	43881	No
156	GOM_NL__2PRFIN20100722_145627_000000502091_00240_43881_5332.N1	22-JUL-2010 14:56:27	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	43881	No
157	GOM_NL__2PRFIN20100722_145940_000000482091_00240_43881_5333.N1	22-JUL-2010 14:59:40	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	43881	No
158	GOM_NL__2PRFIN20100722_151706_000000442091_00240_43881_5334.N1	22-JUL-2010 15:17:06	Bright	44.000	11	53Alp Aql	0.76500	8000.0	88	43881	No
159	GOM_NL__2PRFIN20100722_152518_000000392091_00240_43881_5335.N1	22-JUL-2010 15:25:18	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	43881	No
160	GOM_NL__2PRFIN20100722_152803_000000412091_00240_43881_5336.N1	22-JUL-2010 15:28:03	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	43881	No

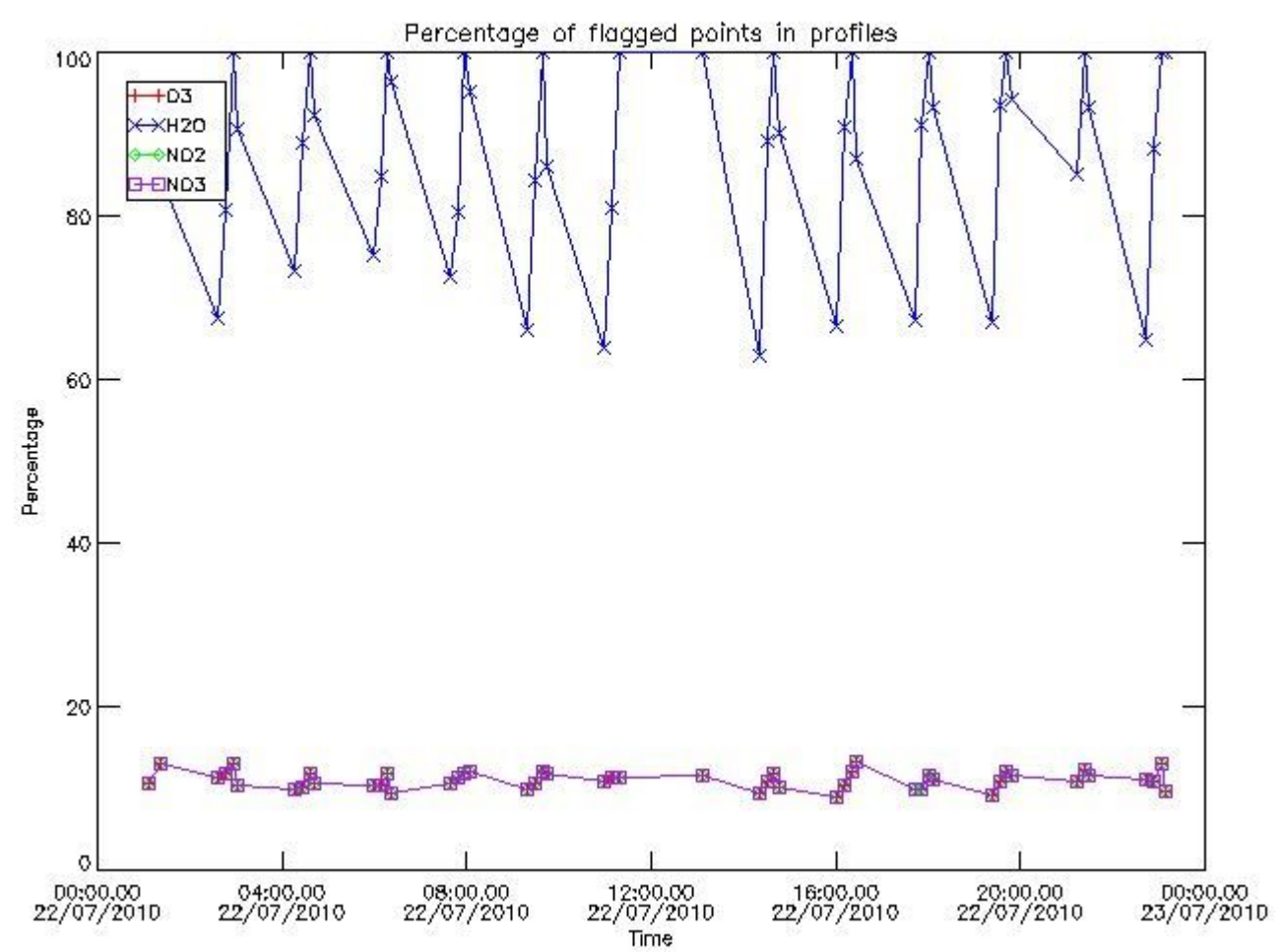
161	GOM_NL__2PRFIN20100722_152954_000000452091_00240_43881_5337.N1	22-JUL-2010 15:29:54	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	43881	No
162	GOM_NL__2PRFIN20100722_153505_000000412091_00240_43881_5338.N1	22-JUL-2010 15:35:05	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	43881	No
163	GOM_NL__2PRFIN20100722_154501_000000462091_00240_43881_5339.N1	22-JUL-2010 15:45:01	Bright	46.000	110	37Del Cas	2.6780	8900.0	92	43881	No
164	GOM_NL__2PRFIN20100722_154928_000000462091_00240_43881_5340.N1	22-JUL-2010 15:49:28	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	43881	No
165	GOM_NL__2PRFIN20100722_155056_000000442091_00240_43881_5341.N1	22-JUL-2010 15:50:56	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	43881	No
166	GOM_NL__2PRFIN20100722_155359_000000522091_00240_43881_5342.N1	22-JUL-2010 15:53:59	Bright	51.500	79	26Bet Per	2.3100	13100.	103	43881	No
167	GOM_NL__2PRFIN20100722_155710_000000462091_00240_43881_5343.N1	22-JUL-2010 15:57:10	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	43881	No
168	GOM_NL__2PRFIN20100722_155956_000000502091_00240_43881_5344.N1	22-JUL-2010 15:59:56	Twilight	49.500	146	25Eta Tau	2.8730	15200.	99	43881	No
169	GOM_NL__2PRFIN20100722_160131_000000572091_00240_43881_5345.N1	22-JUL-2010 16:01:31	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	43881	No
170	GOM_NL__2PRFIN20100722_161126_000000502091_00240_43881_5346.N1	22-JUL-2010 16:11:26	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	43881	No
171	GOM_NL__2PRFIN20100722_162039_000000422091_00240_43881_5347.N1	22-JUL-2010 16:20:39	Dark	42.000	157	The1Eri	2.9060	9300.0	84	43881	No
172	GOM_NL__2PRFIN20100722_162639_000000432091_00241_43882_5353.N1	22-JUL-2010 16:26:39	Dark	42.500	9	Alp Eri	0.45300	24000.	85	43882	No
173	GOM_NL__2PRFIN20100722_163024_000000542091_00241_43882_5354.N1	22-JUL-2010 16:30:24	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	43882	No
174	GOM_NL__2PRFIN20100722_163358_000000432091_00241_43882_5355.N1	22-JUL-2010 16:33:58	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	43882	No
175	GOM_NL__2PRFIN20100722_163538_000000492091_00241_43882_5356.N1	22-JUL-2010 16:35:38	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	43882	No
176	GOM_NL__2PRFIN20100722_163704_000000482091_00241_43882_5357.N1	22-JUL-2010 16:37:04	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	43882	No
177	GOM_NL__2PRFIN20100722_164017_000000482091_00241_43882_5358.N1	22-JUL-2010 16:40:17	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	43882	No
178	GOM_NL__2PRFIN20100722_165742_000000422091_00241_43882_5359.N1	22-JUL-2010 16:57:42	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	43882	No
179	GOM_NL__2PRFIN20100722_170554_000000382091_00241_43882_5360.N1	22-JUL-2010 17:05:54	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	43882	No
180	GOM_NL__2PRFIN20100722_170839_000000412091_00241_43882_5361.N1	22-JUL-2010 17:08:39	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43882	No
181	GOM_NL__2PRFIN20100722_171029_000000492091_00241_43882_5362.N1	22-JUL-2010 17:10:29	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	43882	No
182	GOM_NL__2PRFIN20100722_171540_000000422091_00241_43882_5363.N1	22-JUL-2010 17:15:40	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43882	No
183	GOM_NL__2PRFIN20100722_172536_000000482091_00241_43882_5364.N1	22-JUL-2010 17:25:36	Bright	48.000	110	37Del Cas	2.6780	8900.0	96	43882	No
184	GOM_NL__2PRFIN20100722_173004_000000442091_00241_43882_5365.N1	22-JUL-2010 17:30:04	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	43882	No
185	GOM_NL__2PRFIN20100722_173132_000000462091_00241_43882_5366.N1	22-JUL-2010 17:31:32	Bright	46.000	35	33Alp Per	1.7950	6250.0	92	43882	No
186	GOM_NL__2PRFIN20100722_173435_000000542091_00241_43882_5367.N1	22-JUL-2010 17:34:35	Bright	53.500	79	26Bet Per	2.3100	13100.	107	43882	No
187	GOM_NL__2PRFIN20100722_173746_000000482091_00241_43882_5368.N1	22-JUL-2010 17:37:46	Twilight	48.000	150	44Zet Per	2.8900	28000.	96	43882	No
188	GOM_NL__2PRFIN20100722_174032_000000462091_00241_43882_5369.N1	22-JUL-2010 17:40:32	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	43882	No
189	GOM_NL__2PRFIN20100722_174207_000000572091_00241_43882_5370.N1	22-JUL-2010 17:42:07	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	43882	No
190	GOM_NL__2PRFIN20100722_175202_000000512091_00241_43882_5371.N1	22-JUL-2010 17:52:02	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	43882	No
191	GOM_NL__2PRFIN20100722_180116_000000452091_00241_43882_5372.N1	22-JUL-2010 18:01:16	Dark	44.500	157	The1Eri	2.9060	9300.0	89	43882	No
192	GOM_NL__2PRFIN20100722_180715_000000462091_00242_43883_5379.N1	22-JUL-2010 18:07:15	Dark	45.500	9	Alp Eri	0.45300	24000.	91	43883	No
193	GOM_NL__2PRFIN20100722_181101_000000542091_00242_43883_5380.N1	22-JUL-2010 18:11:01	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	43883	No
194	GOM_NL__2PRFIN20100722_181434_000000422091_00242_43883_5381.N1	22-JUL-2010 18:14:34	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	43883	No
195	GOM_NL__2PRFIN20100722_181615_000000492091_00242_43883_5382.N1	22-JUL-2010 18:16:15	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	43883	No
196	GOM_NL__2PRFIN20100722_181740_000000452091_00242_43883_5383.N1	22-JUL-2010 18:17:40	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	43883	No
197	GOM_NL__2PRFIN20100722_182053_000000502091_00242_43883_5384.N1	22-JUL-2010 18:20:53	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	43883	No
198	GOM_NL__2PRFIN20100722_183818_000000422091_00242_43883_5385.N1	22-JUL-2010 18:38:18	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	43883	No
199	GOM_NL__2PRFIN20100722_184630_000000392091_00242_43883_5386.N1	22-JUL-2010 18:46:30	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	43883	No
200	GOM_NL__2PRFIN20100722_184914_000000422091_00242_43883_5387.N1	22-JUL-2010 18:49:14	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	43883	No
201	GOM_NL__2PRFIN20100722_185105_000000492091_00242_43883_5388.N1	22-JUL-2010 18:51:05	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	43883	No
202	GOM_NL__2PRFIN20100722_185616_000000432091_00242_43883_5389.N1	22-JUL-2010 18:56:16	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	43883	No
203	GOM_NL__2PRFIN20100722_190611_000000692091_00242_43883_5390.N1	22-JUL-2010 19:06:11	Bright	69.000	110	37Del Cas	2.6780	8900.0	138	43883	No
204	GOM_NL__2PRFIN20100722_191040_000000422091_00242_43883_5391.N1	22-JUL-2010 19:10:40	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	43883	No
205	GOM_NL__2PRFIN20100722_191207_000000452091_00242_43883_5392.N1	22-JUL-2010 19:12:07	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	43883	No
206	GOM_NL__2PRFIN20100722_191511_000000532091_00242_43883_5393.N1	22-JUL-2010 19:15:11	Bright	53.000	79	26Bet Per	2.3100	13100.	106	43883	No
207	GOM_NL__2PRFIN20100722_191822_000000462091_00242_43883_5394.N1	22-JUL-2010 19:18:22	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	43883	No
208	GOM_NL__2PRFIN20100722_192108_000000492091_00242_43883_5395.N1	22-JUL-2010 19:21:08	Twilight	48.500	146	25Eta Tau	2.8730	15200.	97	43883	No
209	GOM_NL__2PRFIN20100722_192243_000000552091_00242_43883_5396.N1	22-JUL-2010 19:22:43	Dark	55.000	13	87Alp Tau	0.86700	3800.0	110	43883	No
210	GOM_NL__2PRFIN20100722_193239_000000472091_00242_43883_5397.N1	22-JUL-2010 19:32:39	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	43883	No
211	GOM_NL__2PRFIN20100722_194153_000000432091_00242_43883_5398.N1	22-JUL-2010 19:41:53	Dark	42.500	157	The1Eri	2.9060	9300.0	85	43883	No
212	GOM_NL__2PRFIN20100722_194751_000000452091_00243_43884_5407.N1	22-JUL-2010 19:47:51	Dark	44.500	9	Alp Eri	0.45300	24000.	89	43884	No
213	GOM_NL__2PRFIN20100722_195138_000000592091_00243_43884_5408.N1	22-JUL-2010 19:51:38	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	43884	No
214	GOM_NL__2PRFIN20100722_195511_000000412091_00243_43884_5409.N1	22-JUL-2010 19:55:11	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43884	No
215	GOM_NL__2PRFIN20100722_195651_000000532091_00243_43884_5410.N1	22-JUL-2010 19:56:51	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	43884	No
216	GOM_NL__2PRFIN20100722_195817_000000452091_00243_43884_5411.N1	22-JUL-2010 19:58:17	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	43884	No
217	GOM_NL__2PRFIN20100722_200130_000000152091_00243_43884_5412.N1	22-JUL-2010 20:01:30	Straylight	14.500	172	Gam Gru	3.0030	13100.	29	43884	No
218	GOM_NL__2PRFIN20100722_211315_000000482091_00243_43884_5413.N1	22-JUL-2010 21:13:15	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	43884	No
219	GOM_NL__2PRFIN20100722_212229_000000422091_00243_43884_5414.N1	22-JUL-2010 21:22:29	Dark	41.500	157	The1Eri	2.9060	9300.0	83	43884	No

220	GOM_NL__2PRFIN20100722_212828_000000452091_00244_43885_5418.N1	22-JUL-2010 21:28:28	Dark	44.500	9	Alp Eri	0.45300	24000.	89	43885	No
221	GOM_NL__2PRFIN20100722_213215_000000572091_00244_43885_5419.N1	22-JUL-2010 21:32:15	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	43885	No
222	GOM_NL__2PRFIN20100722_213547_000000402091_00244_43885_5420.N1	22-JUL-2010 21:35:47	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	43885	No
223	GOM_NL__2PRFIN20100722_213728_000000652091_00244_43885_5421.N1	22-JUL-2010 21:37:28	Straylight	64.500	63	Bet Gru	2.1500	2800.0	129	43885	No
224	GOM_NL__2PRFIN20100722_213853_000000452091_00244_43885_5422.N1	22-JUL-2010 21:38:53	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	43885	No
225	GOM_NL__2PRFIN20100722_214206_000000492091_00244_43885_5423.N1	22-JUL-2010 21:42:06	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	43885	No
226	GOM_NL__2PRFIN20100722_215929_000000422091_00244_43885_5424.N1	22-JUL-2010 21:59:29	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	43885	No
227	GOM_NL__2PRFIN20100722_220741_000000402091_00244_43885_5425.N1	22-JUL-2010 22:07:41	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	43885	No
228	GOM_NL__2PRFIN20100722_221025_000000402091_00244_43885_5426.N1	22-JUL-2010 22:10:25	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	43885	No
229	GOM_NL__2PRFIN20100722_221215_000000482091_00244_43885_5427.N1	22-JUL-2010 22:12:15	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	43885	No
230	GOM_NL__2PRFIN20100722_221726_000000432091_00244_43885_5428.N1	22-JUL-2010 22:17:26	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43885	No
231	GOM_NL__2PRFIN20100722_222722_000000692091_00244_43885_5429.N1	22-JUL-2010 22:27:22	Bright	69.000	110	37Del Cas	2.6780	8900.0	138	43885	No
232	GOM_NL__2PRFIN20100722_223151_000000632091_00244_43885_5430.N1	22-JUL-2010 22:31:51	Bright	63.000	160	23Gam Per	2.9300	4700.0	126	43885	No
233	GOM_NL__2PRFIN20100722_223319_000000452091_00244_43885_5431.N1	22-JUL-2010 22:33:19	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	43885	No
234	GOM_NL__2PRFIN20100722_223623_000000522091_00244_43885_5432.N1	22-JUL-2010 22:36:23	Bright	51.500	79	26Bet Per	2.3100	13100.	103	43885	No
235	GOM_NL__2PRFIN20100722_223934_000000492091_00244_43885_5433.N1	22-JUL-2010 22:39:34	Twilight	48.500	150	44Zet Per	2.8900	28000.	97	43885	No
236	GOM_NL__2PRFIN20100722_224221_000000492091_00244_43885_5434.N1	22-JUL-2010 22:42:21	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	43885	No
237	GOM_NL__2PRFIN20100722_224356_000000462091_00244_43885_5435.N1	22-JUL-2010 22:43:56	Dark	45.500	13	87Alp Tau	0.86700	3800.0	91	43885	No
238	GOM_NL__2PRFIN20100722_225352_000000482091_00244_43885_5436.N1	22-JUL-2010 22:53:52	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	43885	No
239	GOM_NL__2PRFIN20100722_230306_000000432091_00244_43885_5437.N1	22-JUL-2010 23:03:06	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43885	No
240	GOM_NL__2PRFIN20100722_230904_000000532091_00245_43886_5429.N1	22-JUL-2010 23:09:04	Dark	52.500	9	Alp Eri	0.45300	24000.	105	43886	No
241	GOM_NL__2PRFIN20100722_231252_000000592091_00245_43886_5430.N1	22-JUL-2010 23:12:52	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	43886	No
242	GOM_NL__2PRFIN20100722_231624_000000422091_00245_43886_5431.N1	22-JUL-2010 23:16:24	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	43886	No
243	GOM_NL__2PRFIN20100722_231804_000000582091_00245_43886_5432.N1	22-JUL-2010 23:18:04	Straylight	58.000	63	Bet Gru	2.1500	2800.0	116	43886	No
244	GOM_NL__2PRFIN20100722_231930_000000472091_00245_43886_5433.N1	22-JUL-2010 23:19:30	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	43886	No
245	GOM_NL__2PRFIN20100722_232243_000000512091_00245_43886_5434.N1	22-JUL-2010 23:22:43	Straylight	50.500	172	Gam Gru	3.0030	13100.	101	43886	No
246	GOM_NL__2PRFIN20100722_234005_000000412091_00245_43886_5435.N1	22-JUL-2010 23:40:05	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	43886	No
247	GOM_NL__2PRFIN20100722_234817_000000362091_00245_43886_5436.N1	22-JUL-2010 23:48:17	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	43886	No
248	GOM_NL__2PRFIN20100722_235101_000000412091_00245_43886_5437.N1	22-JUL-2010 23:51:01	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43886	No
249	GOM_NL__2PRFIN20100722_235250_000000502091_00245_43886_5438.N1	22-JUL-2010 23:52:50	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	43886	No
250	GOM_NL__2PRFIN20100722_235802_000000432091_00245_43886_5439.N1	22-JUL-2010 23:58:02	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	43886	No

3. Quality information per product

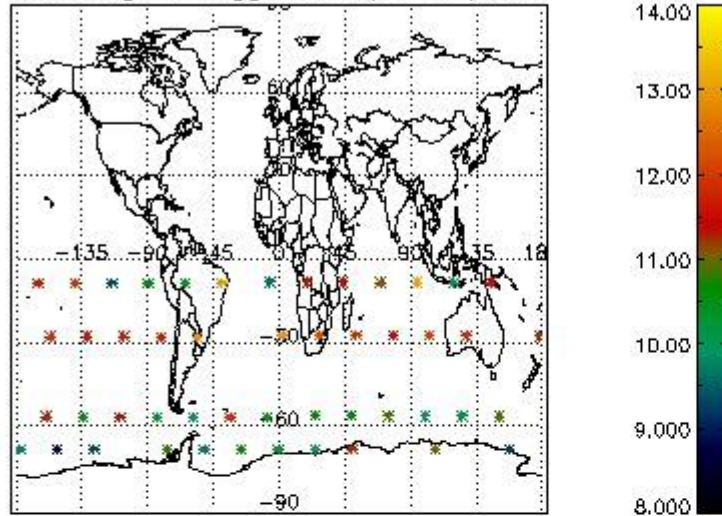
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

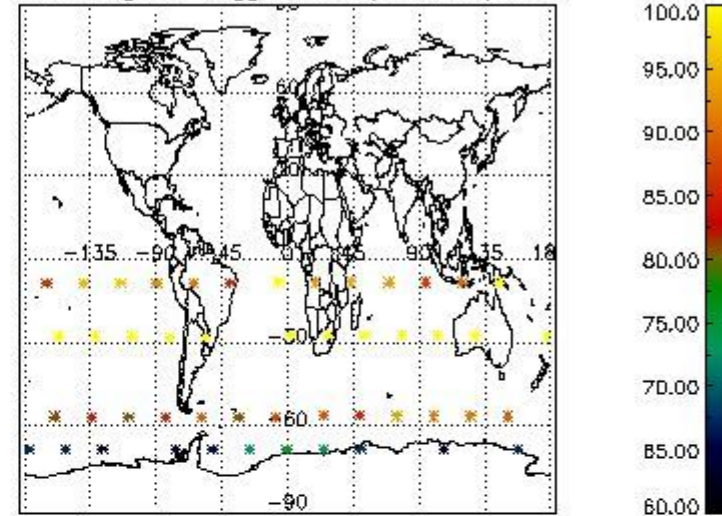


3.2 Plot quality information per product (world map)

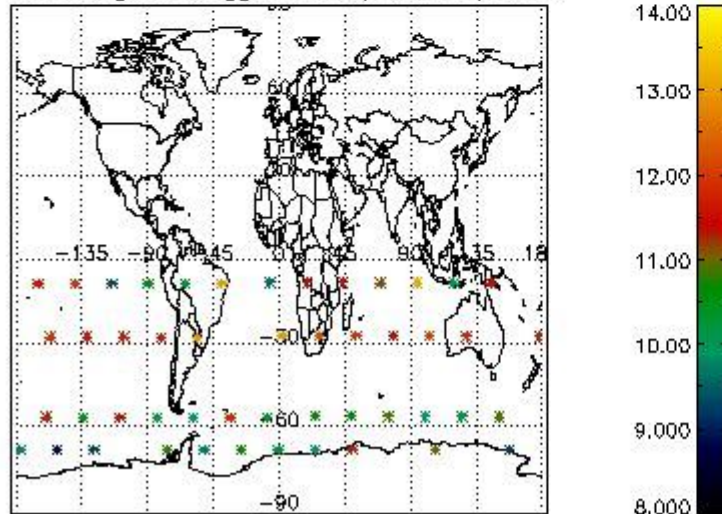
Percentage of flagged data per O3 profile



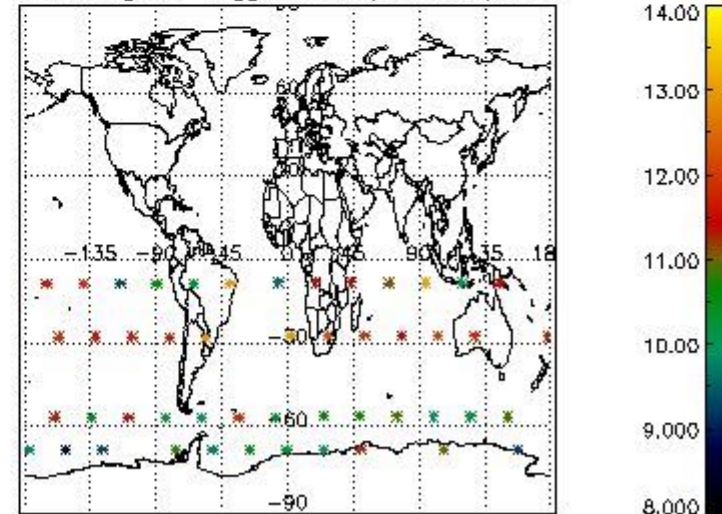
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

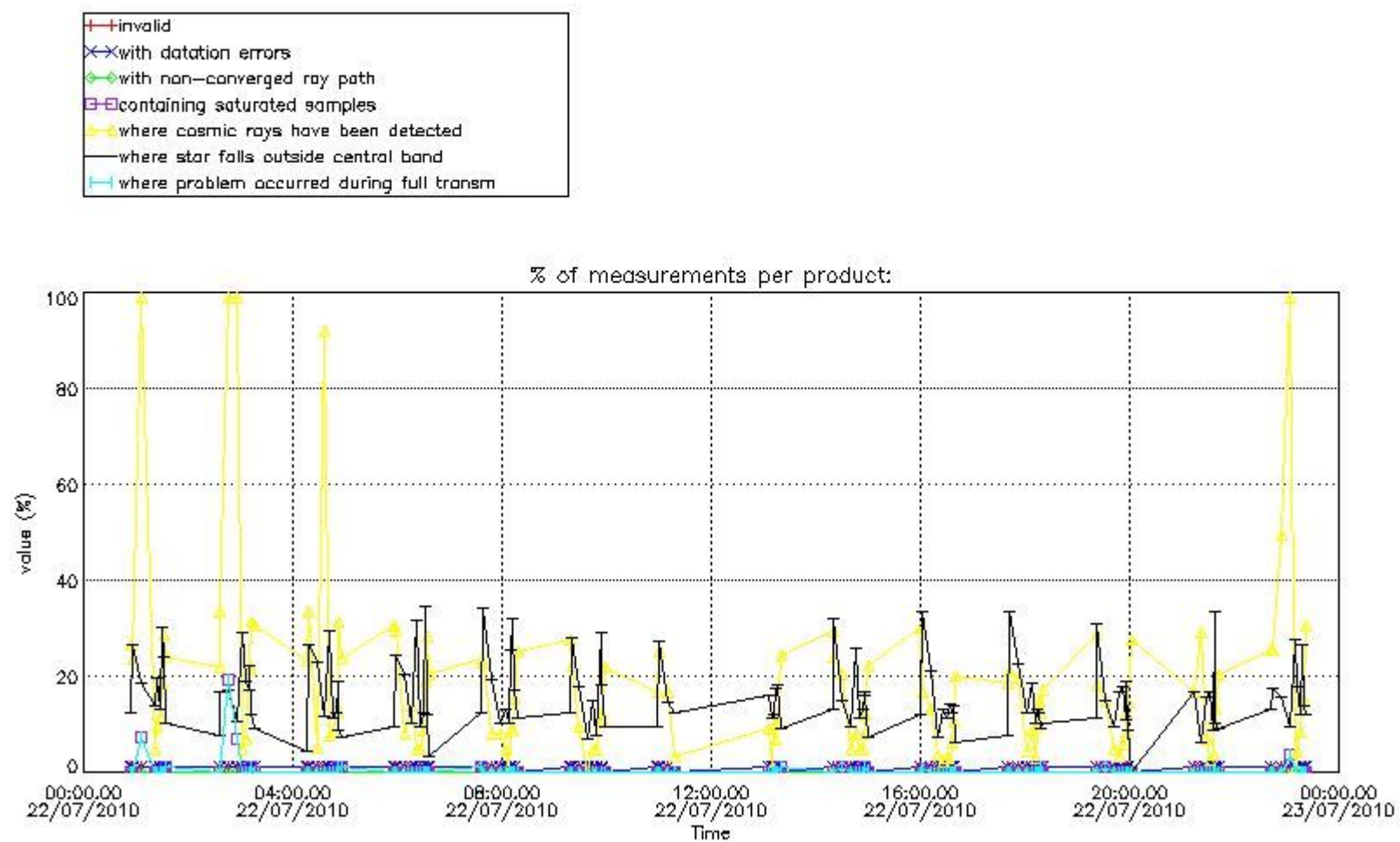


4. Level 1 quality information per product

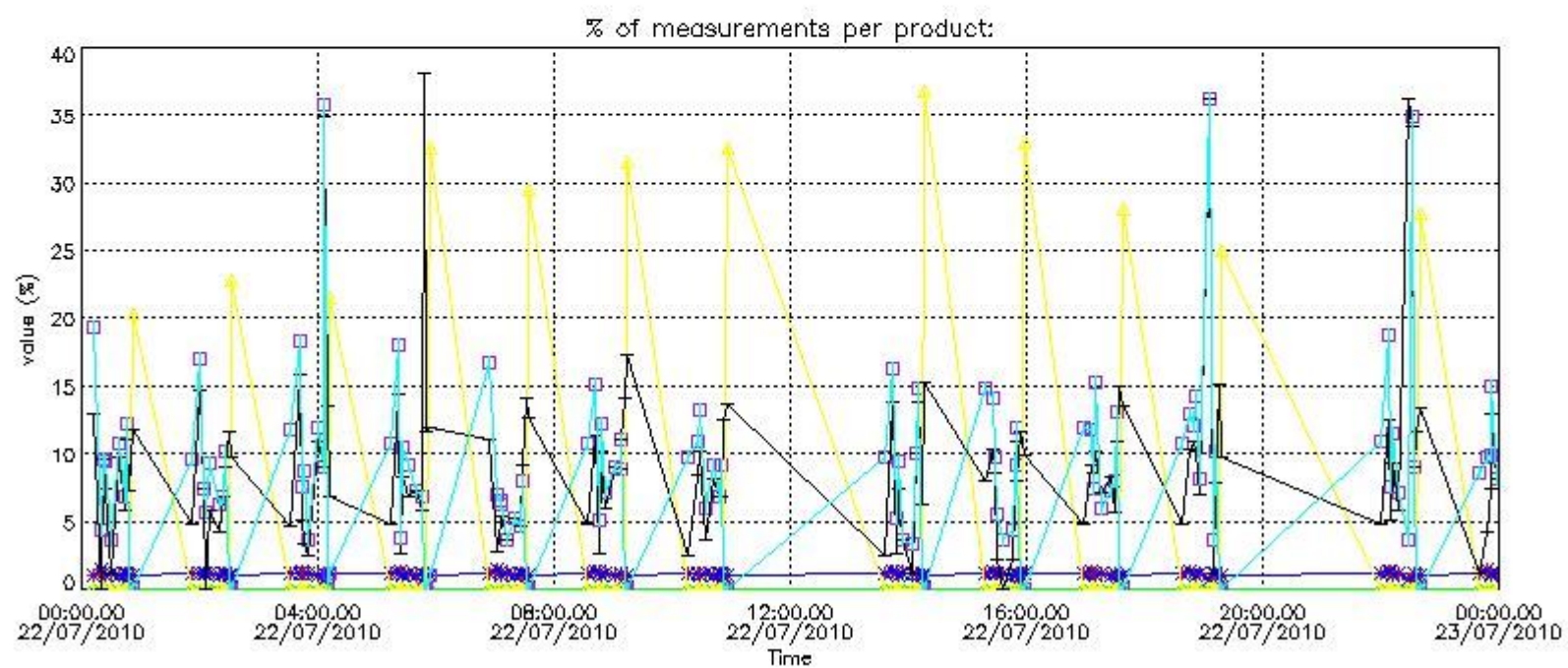
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



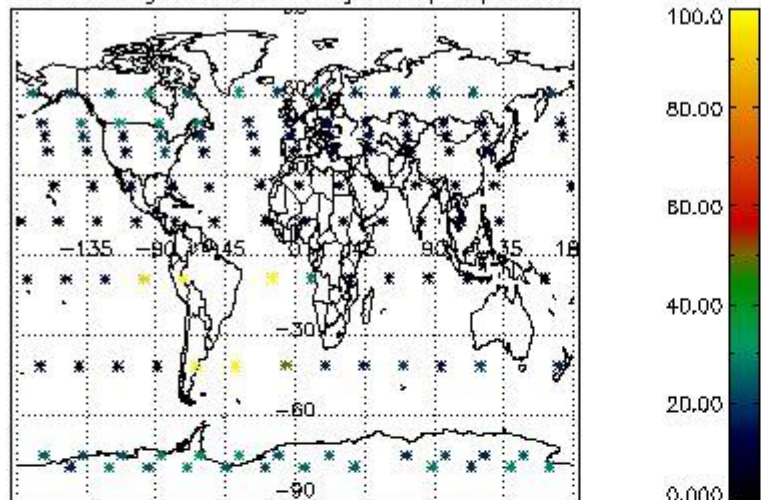
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



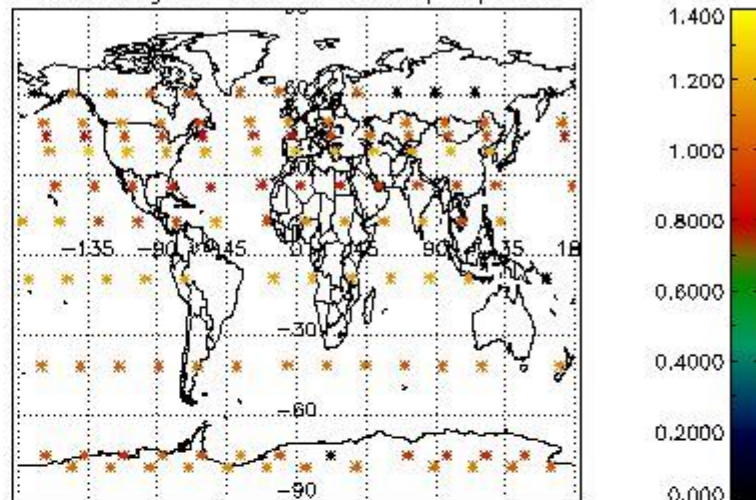
4.2 Plot quality information per product coming from level 1b processing (world map)

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

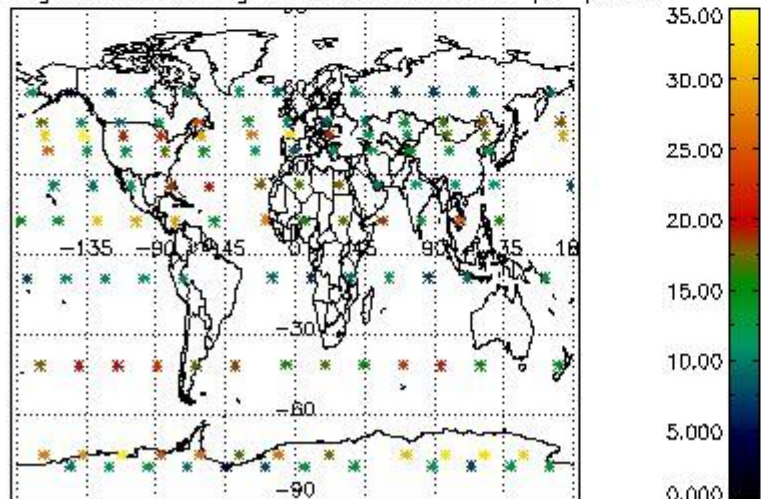
Percentage of cosmic ray hits per profile



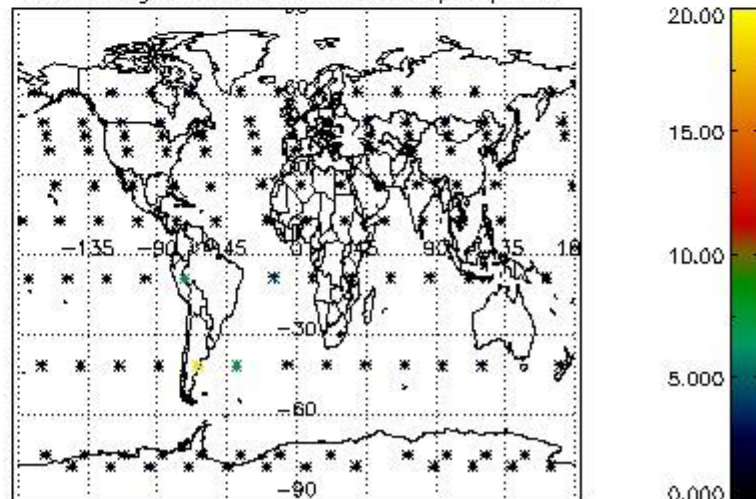
Percentage of datation errors per profile



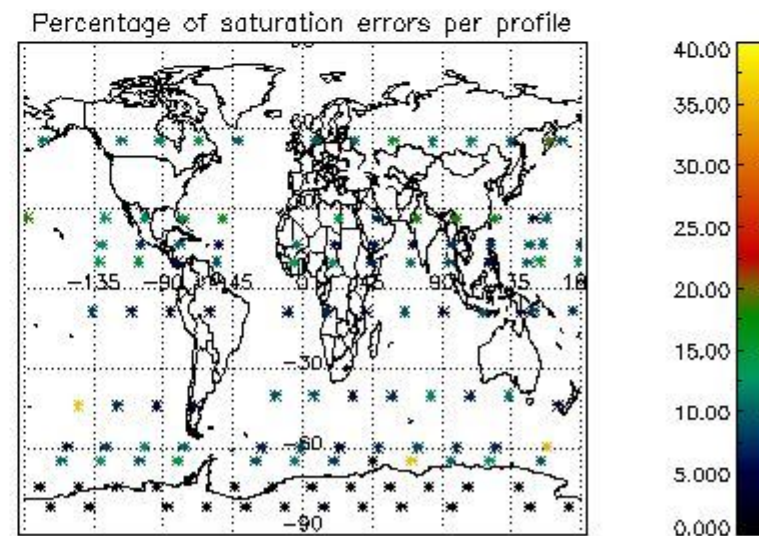
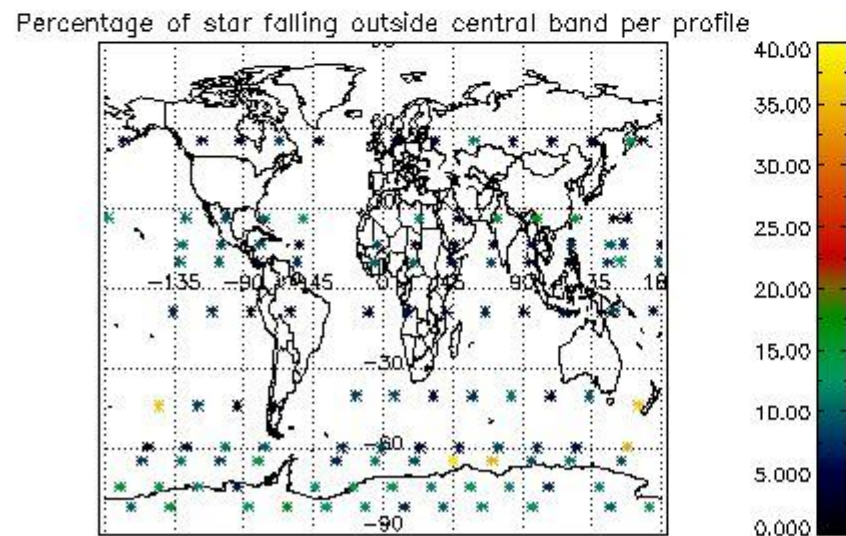
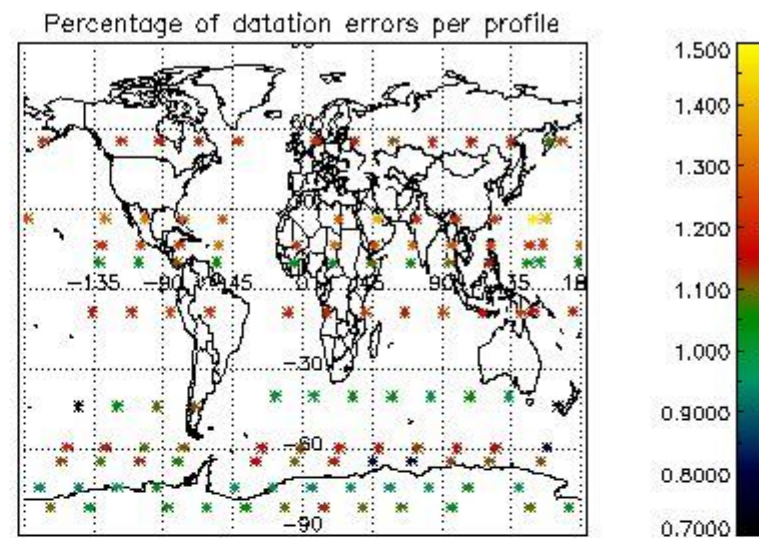
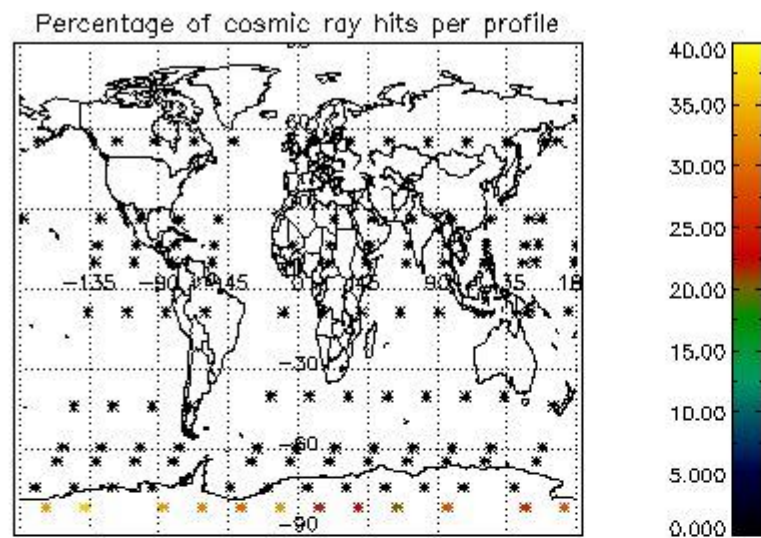
Percentage of star falling outside central band per profile



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

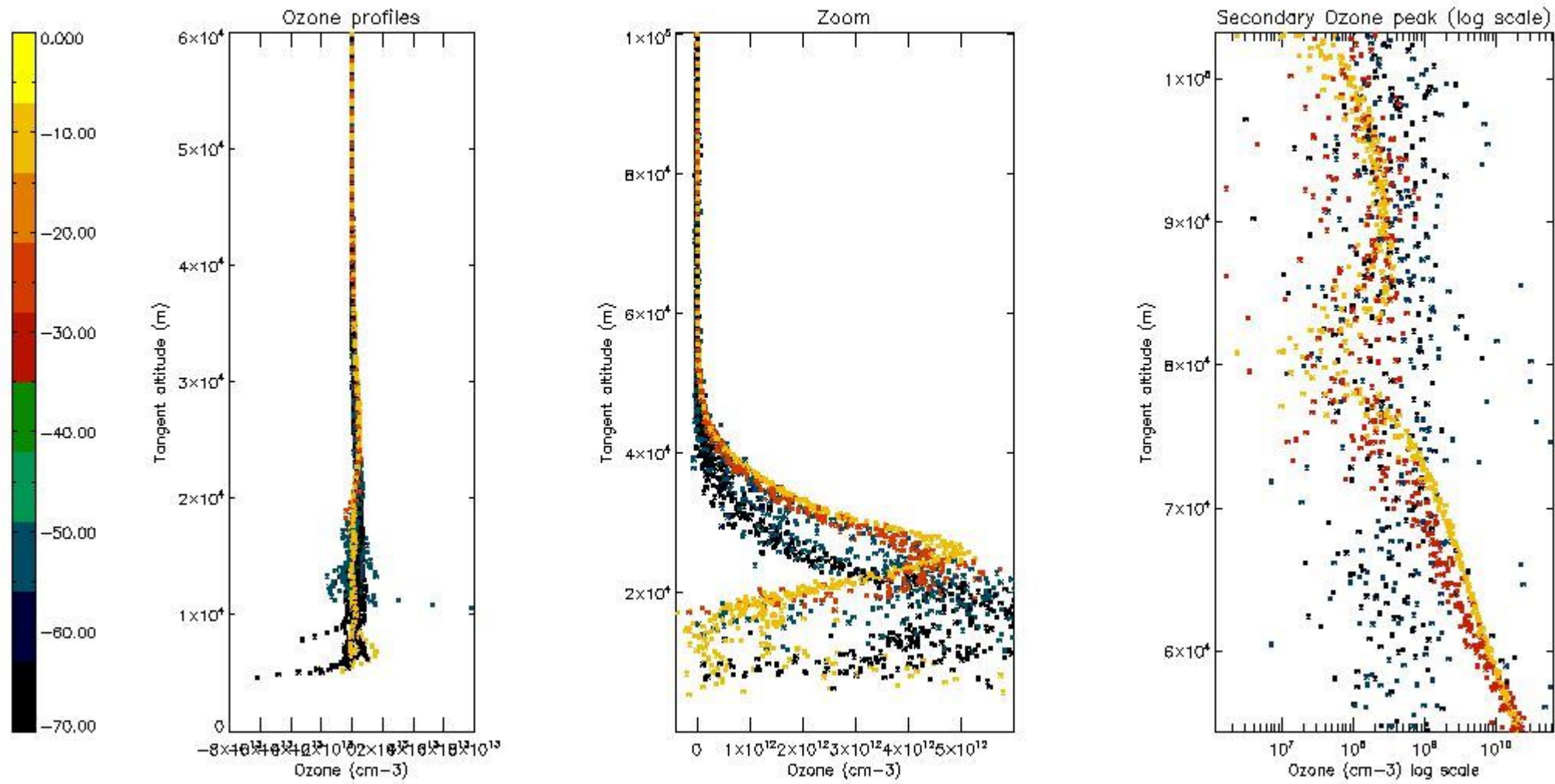
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	4
STD < 5	3

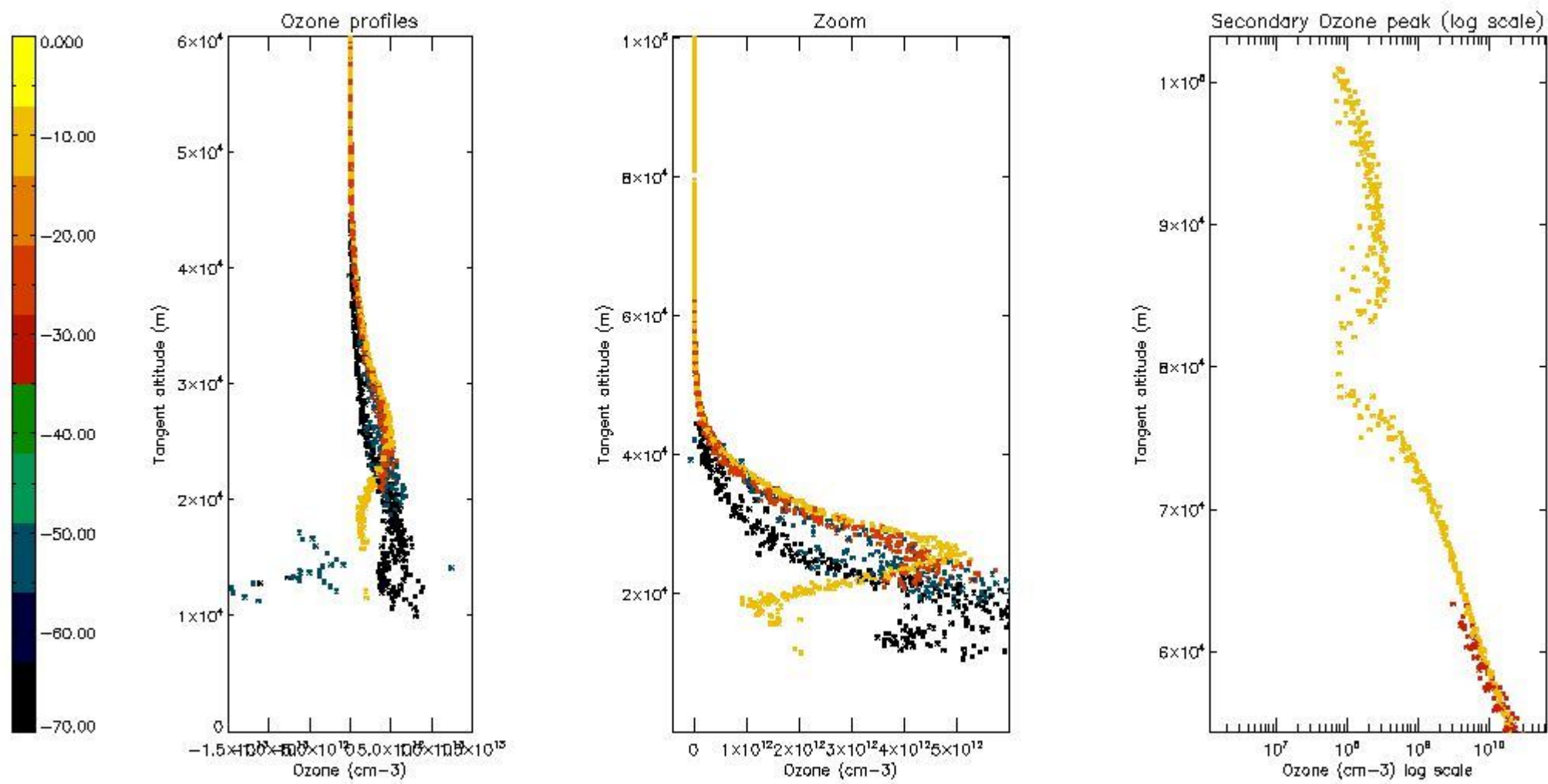
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



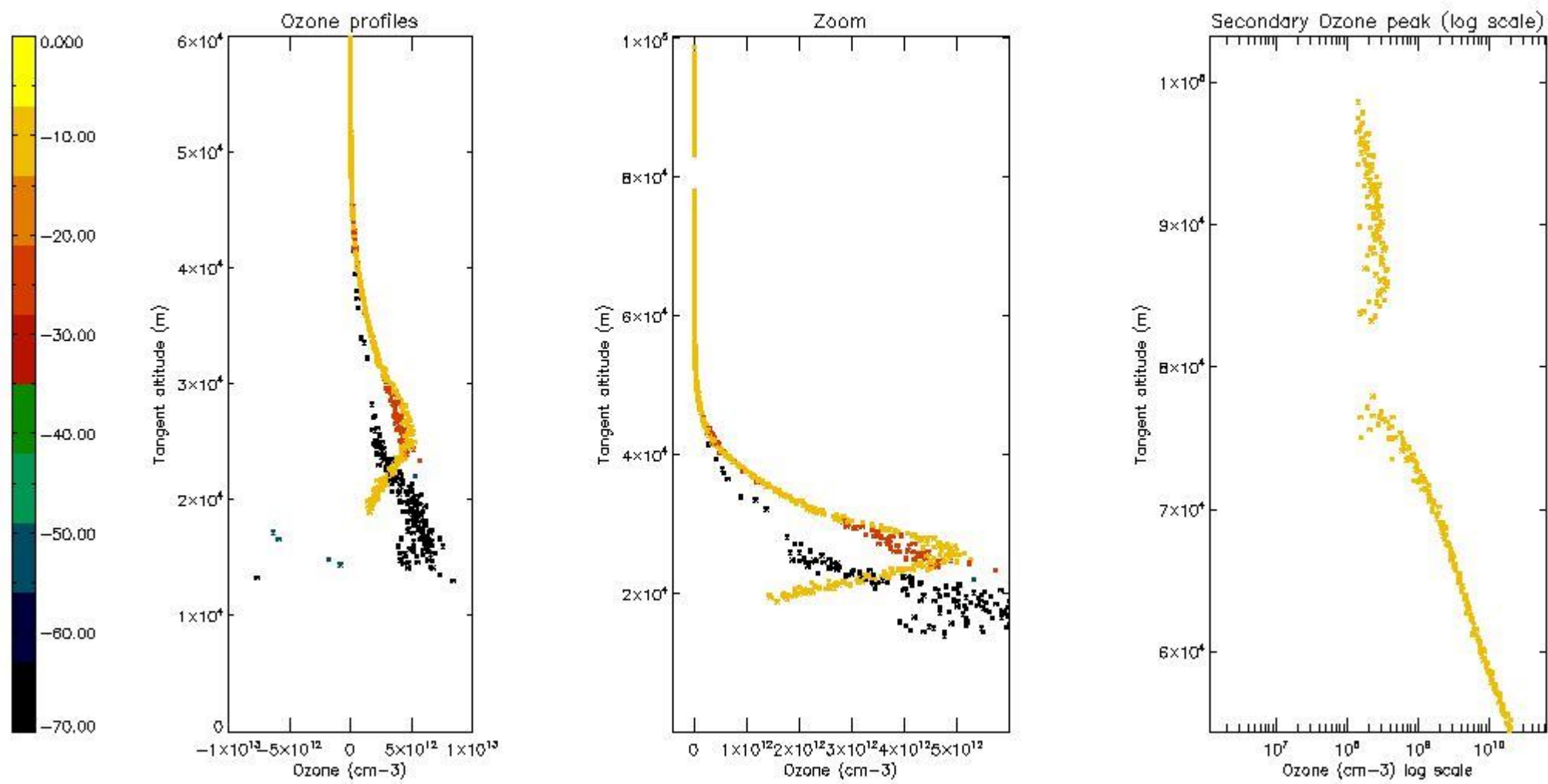
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



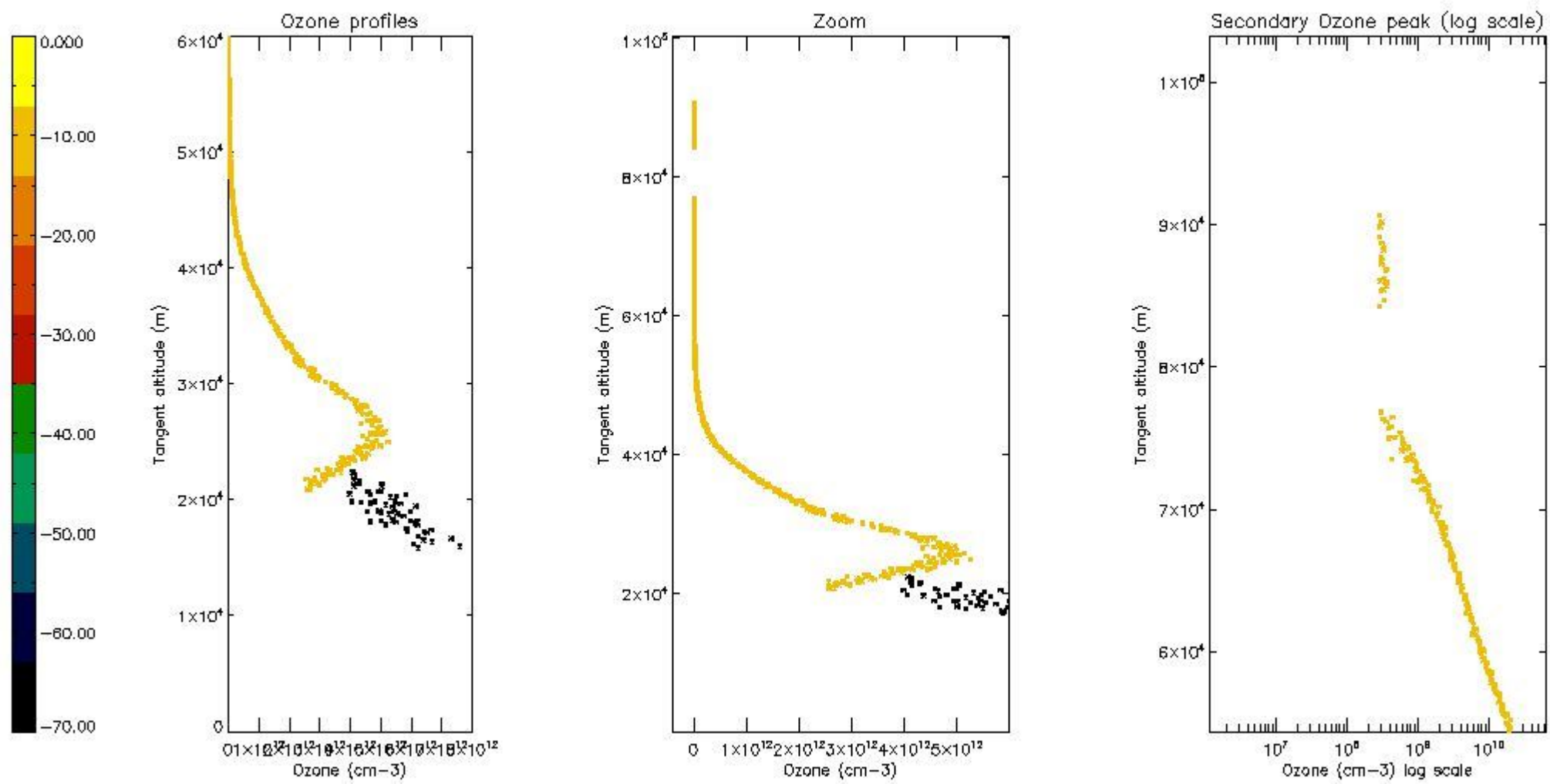
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



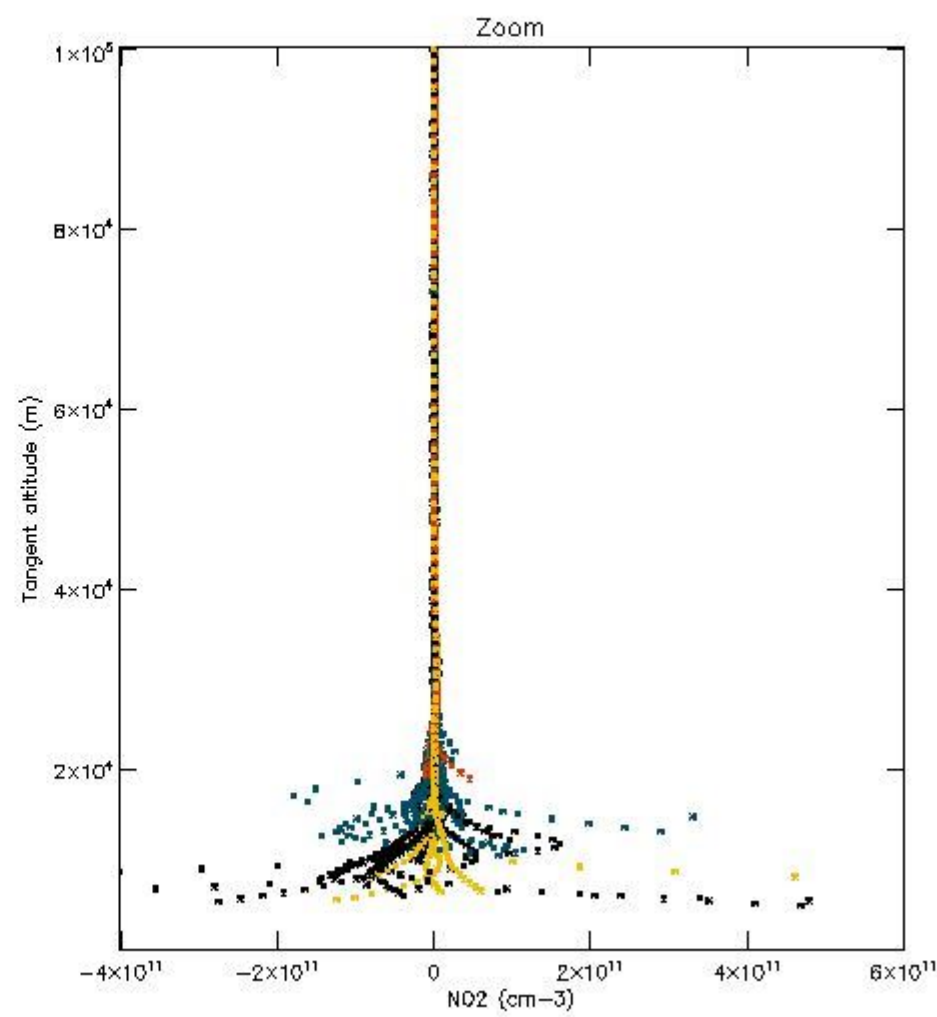
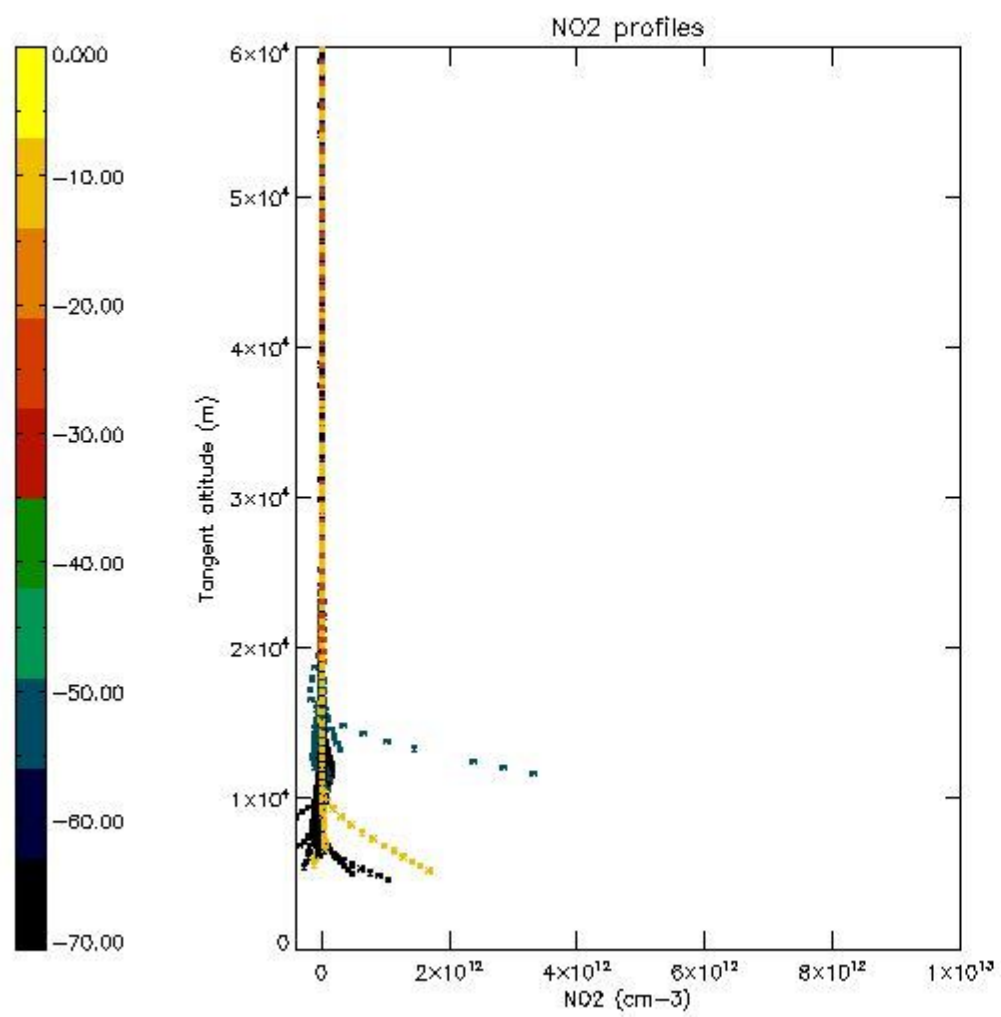
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



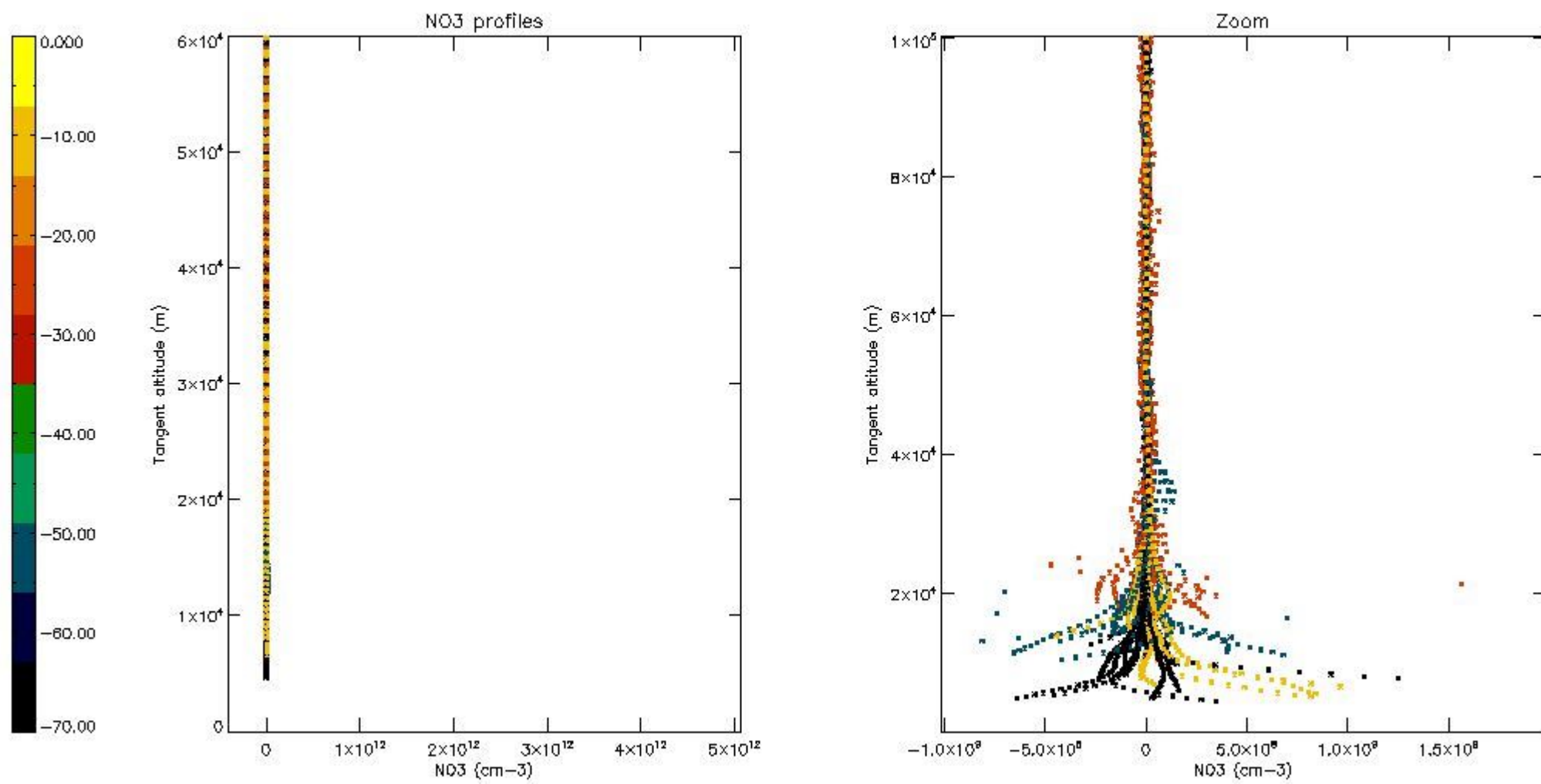
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



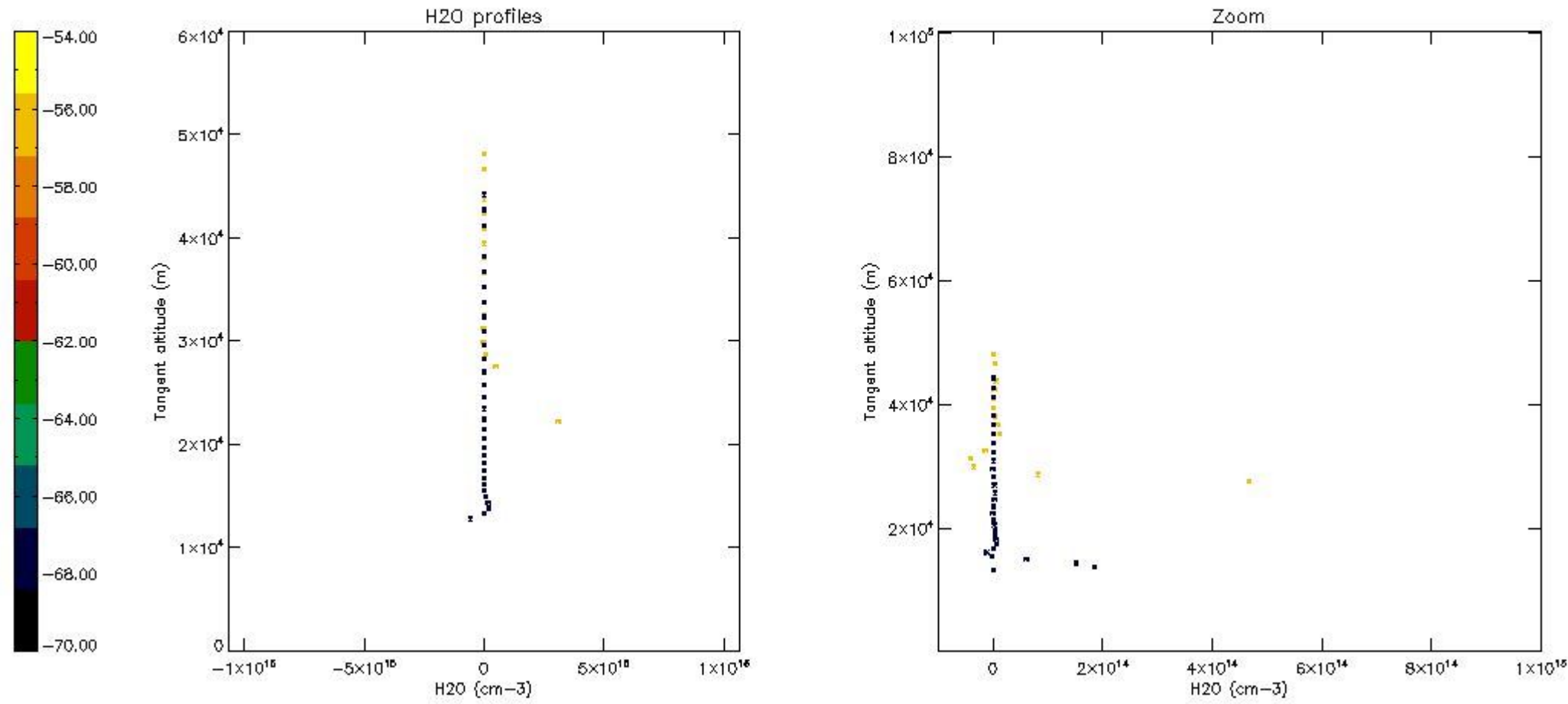
5.7 Plot NO3 profiles for all STD (dark without errors)

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	22-JUL-2010 00:11:45
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	22-JUL-2010 00:11:45
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	22-JUL-2010 00:11:45

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

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

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

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

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

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

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

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

[5. Ozone profiles based on quality statistics and other trace gas profiles](#)

[5.1 Ozone statistics based on quality of products](#)

[5.2 Plot ozone profiles for all STD \(dark without errors\)](#)

[5.3 Plot ozone profiles where STD < 20% \(dark without errors\)](#)

[5.4. Plot ozone profiles where STD < 10% \(dark without errors\)](#)

[5.5. Plot ozone profiles where STD < 5% \(dark without errors\)](#)

[5.6 Plot NO2 profiles for all STD \(dark without errors\)](#)

[5.7 Plot NO3 profiles for all STD \(dark without errors\)](#)

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

[6. Auxiliary Data Files used for the production reported in section 2](#)

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	29APR2013 13:18:41
Data source version	GOMOS/6.01
Start time of products	22-07-2010 (22JUL2010 00:00:00)
Stop time of products	23-07-2010 (23JUL2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	250
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__2PRFIN20100722_001145_000000472091_00231_43872_5004.N1	22-JUL-2010 00:11:45	Bright	46.500	11	53Alp Aql	0.76500	8000.0	93	43872	No
2	GOM_NL__2PRFIN20100722_001955_000000342091_00231_43872_5005.N1	22-JUL-2010 00:19:55	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	43872	No
3	GOM_NL__2PRFIN20100722_002243_000000422091_00231_43872_5006.N1	22-JUL-2010 00:22:43	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	43872	No
4	GOM_NL__2PRFIN20100722_002437_000000482091_00231_43872_5007.N1	22-JUL-2010 00:24:37	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	43872	No
5	GOM_NL__2PRFIN20100722_002946_000000412091_00231_43872_5008.N1	22-JUL-2010 00:29:46	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	43872	No
6	GOM_NL__2PRFIN20100722_003835_000000512091_00231_43872_5009.N1	22-JUL-2010 00:38:35	Bright	51.000	76	27Gam Cas	2.3000	30000.	102	43872	No
7	GOM_NL__2PRFIN20100722_004407_000000442091_00231_43872_5010.N1	22-JUL-2010 00:44:07	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	43872	No
8	GOM_NL__2PRFIN20100722_004534_000000452091_00231_43872_5011.N1	22-JUL-2010 00:45:34	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	43872	No
9	GOM_NL__2PRFIN20100722_004836_000000492091_00231_43872_5012.N1	22-JUL-2010 00:48:36	Bright	48.500	79	26Bet Per	2.3100	13100.	97	43872	No
10	GOM_NL__2PRFIN20100722_005145_000000472091_00231_43872_5013.N1	22-JUL-2010 00:51:45	Twilight	46.500	150	44Zet Per	2.8900	28000.	93	43872	No
11	GOM_NL__2PRFIN20100722_005430_000000492091_00231_43872_5014.N1	22-JUL-2010 00:54:30	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	43872	No
12	GOM_NL__2PRFIN20100722_005605_000000512091_00231_43872_5015.N1	22-JUL-2010 00:56:05	Twilight	51.000	13	87Alp Tau	0.86700	3800.0	102	43872	No
13	GOM_NL__2PRFIN20100722_010556_000000492091_00231_43872_5016.N1	22-JUL-2010 01:05:56	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	43872	No
14	GOM_NL__2PRFIN20100722_012109_000000432091_00232_43873_5008.N1	22-JUL-2010 01:21:09	Dark	43.000	9	Alp Eri	0.45300	24000.	86	43873	No
15	GOM_NL__2PRFIN20100722_012450_000000592091_00232_43873_5009.N1	22-JUL-2010 01:24:50	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	43873	No
16	GOM_NL__2PRFIN20100722_012830_000000432091_00232_43873_5010.N1	22-JUL-2010 01:28:30	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	43873	No
17	GOM_NL__2PRFIN20100722_013008_000000622091_00232_43873_5011.N1	22-JUL-2010 01:30:08	Straylight	61.500	63	Bet Gru	2.1500	2800.0	123	43873	No
18	GOM_NL__2PRFIN20100722_013134_000000542091_00232_43873_5012.N1	22-JUL-2010 01:31:34	Straylight	54.000	31	Alp Gru	1.7340	15200.	108	43873	No
19	GOM_NL__2PRFIN20100722_013447_000000502091_00232_43873_5013.N1	22-JUL-2010 01:34:47	Straylight	50.000	172	Gam Gru	3.0030	13100.	100	43873	No
20	GOM_NL__2PRFIN20100722_015221_000000422091_00232_43873_5014.N1	22-JUL-2010 01:52:21	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	43873	No
21	GOM_NL__2PRFIN20100722_020031_000000412091_00232_43873_5015.N1	22-JUL-2010 02:00:31	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43873	No
22	GOM_NL__2PRFIN20100722_020319_000000412091_00232_43873_5016.N1	22-JUL-2010 02:03:19	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43873	No
23	GOM_NL__2PRFIN20100722_020512_000000442091_00232_43873_5017.N1	22-JUL-2010 02:05:12	Bright	44.000	19	50Alp Cyg	1.2460	10500.	88	43873	No
24	GOM_NL__2PRFIN20100722_021021_000000432091_00232_43873_5018.N1	22-JUL-2010 02:10:21	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	43873	No
25	GOM_NL__2PRFIN20100722_021911_000000482091_00232_43873_5019.N1	22-JUL-2010 02:19:11	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43873	No
26	GOM_NL__2PRFIN20100722_022443_000000442091_00232_43873_5020.N1	22-JUL-2010 02:24:43	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	43873	No
27	GOM_NL__2PRFIN20100722_022610_000000452091_00232_43873_5021.N1	22-JUL-2010 02:26:10	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	43873	No
28	GOM_NL__2PRFIN20100722_022912_000000522091_00232_43873_5022.N1	22-JUL-2010 02:29:12	Bright	51.500	79	26Bet Per	2.3100	13100.	103	43873	No
29	GOM_NL__2PRFIN20100722_023221_000000462091_00232_43873_5023.N1	22-JUL-2010 02:32:21	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	43873	No
30	GOM_NL__2PRFIN20100722_023506_000000462091_00232_43873_5024.N1	22-JUL-2010 02:35:06	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	43873	No
31	GOM_NL__2PRFIN20100722_023641_000000452091_00232_43873_5025.N1	22-JUL-2010 02:36:41	Dark	45.000	13	87Alp Tau	0.86700	3800.0	90	43873	No
32	GOM_NL__2PRFIN20100722_024633_000000472091_00232_43873_5026.N1	22-JUL-2010 02:46:33	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	43873	No
33	GOM_NL__2PRFIN20100722_025545_000000432091_00232_43873_5027.N1	22-JUL-2010 02:55:45	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43873	No
34	GOM_NL__2PRFIN20100722_030146_000000542091_00233_43874_5018.N1	22-JUL-2010 03:01:46	Dark	53.500	9	Alp Eri	0.45300	24000.	107	43874	No
35	GOM_NL__2PRFIN20100722_030527_000000592091_00233_43874_5019.N1	22-JUL-2010 03:05:27	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	43874	No
36	GOM_NL__2PRFIN20100722_030906_000000442091_00233_43874_5020.N1	22-JUL-2010 03:09:06	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	43874	No
37	GOM_NL__2PRFIN20100722_031044_000000552091_00233_43874_5021.N1	22-JUL-2010 03:10:44	Straylight	54.500	63	Bet Gru	2.1500	2800.0	109	43874	No
38	GOM_NL__2PRFIN20100722_031211_000000472091_00233_43874_5022.N1	22-JUL-2010 03:12:11	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	43874	No
39	GOM_NL__2PRFIN20100722_031524_000000492091_00233_43874_5023.N1	22-JUL-2010 03:15:24	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	43874	No
40	GOM_NL__2PRFIN20100722_033256_000000432091_00233_43874_5024.N1	22-JUL-2010 03:32:56	Bright	42.500	11	53Alp Aql	0.76500	8000.0	85	43874	No
41	GOM_NL__2PRFIN20100722_034107_000000412091_00233_43874_5025.N1	22-JUL-2010 03:41:07	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43874	No
42	GOM_NL__2PRFIN20100722_034354_000000402091_00233_43874_5026.N1	22-JUL-2010 03:43:54	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	43874	No

43	GOM_NL__2PRFIN20100722_034547_000000462091_00233_43874_5027.N1	22-JUL-2010 03:45:47	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	43874	No
44	GOM_NL__2PRFIN20100722_035057_000000412091_00233_43874_5028.N1	22-JUL-2010 03:50:57	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	43874	No
45	GOM_NL__2PRFIN20100722_035946_000000512091_00233_43874_5029.N1	22-JUL-2010 03:59:46	Bright	50.500	76	27Gam Cas	2.3000	30000.	101	43874	No
46	GOM_NL__2PRFIN20100722_040518_000000452091_00233_43874_5030.N1	22-JUL-2010 04:05:18	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	43874	No
47	GOM_NL__2PRFIN20100722_040645_000000632091_00233_43874_5031.N1	22-JUL-2010 04:06:45	Bright	63.000	35	33Alp Per	1.7950	6250.0	126	43874	No
48	GOM_NL__2PRFIN20100722_040948_000000522091_00233_43874_5032.N1	22-JUL-2010 04:09:48	Bright	52.000	79	26Bet Per	2.3100	13100.	104	43874	No
49	GOM_NL__2PRFIN20100722_041257_000000442091_00233_43874_5033.N1	22-JUL-2010 04:12:57	Twilight	44.000	150	44Zet Per	2.8900	28000.	88	43874	No
50	GOM_NL__2PRFIN20100722_041542_000000452091_00233_43874_5034.N1	22-JUL-2010 04:15:42	Twilight	45.000	146	25Eta Tau	2.8730	15200.	90	43874	No
51	GOM_NL__2PRFIN20100722_041717_000000512091_00233_43874_5035.N1	22-JUL-2010 04:17:17	Dark	51.000	13	87Alp Tau	0.86700	3800.0	102	43874	No
52	GOM_NL__2PRFIN20100722_042709_000000512091_00233_43874_5036.N1	22-JUL-2010 04:27:09	Dark	50.500	165	34Gam Eri	2.9500	3200.0	101	43874	No
53	GOM_NL__2PRFIN20100722_043622_000000442091_00233_43874_5037.N1	22-JUL-2010 04:36:22	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43874	No
54	GOM_NL__2PRFIN20100722_044222_000000532091_00234_43875_5027.N1	22-JUL-2010 04:42:22	Dark	52.500	9	Alp Eri	0.45300	24000.	105	43875	No
55	GOM_NL__2PRFIN20100722_044604_000000542091_00234_43875_5028.N1	22-JUL-2010 04:46:04	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	43875	No
56	GOM_NL__2PRFIN20100722_044943_000000412091_00234_43875_5029.N1	22-JUL-2010 04:49:43	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43875	No
57	GOM_NL__2PRFIN20100722_045121_000000532091_00234_43875_5030.N1	22-JUL-2010 04:51:21	Straylight	52.500	63	Bet Gru	2.1500	2800.0	105	43875	No
58	GOM_NL__2PRFIN20100722_045248_000000452091_00234_43875_5031.N1	22-JUL-2010 04:52:48	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	43875	No
59	GOM_NL__2PRFIN20100722_045601_000000492091_00234_43875_5032.N1	22-JUL-2010 04:56:01	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	43875	No
60	GOM_NL__2PRFIN20100722_051332_000000422091_00234_43875_5033.N1	22-JUL-2010 05:13:32	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	43875	No
61	GOM_NL__2PRFIN20100722_052142_000000422091_00234_43875_5034.N1	22-JUL-2010 05:21:42	Bright	41.500	5	3Alp Lyr	0.033000	11000.	83	43875	No
62	GOM_NL__2PRFIN20100722_052430_000000392091_00234_43875_5035.N1	22-JUL-2010 05:24:30	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	43875	No
63	GOM_NL__2PRFIN20100722_052622_000000482091_00234_43875_5036.N1	22-JUL-2010 05:26:22	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	43875	No
64	GOM_NL__2PRFIN20100722_053132_000000442091_00234_43875_5037.N1	22-JUL-2010 05:31:32	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43875	No
65	GOM_NL__2PRFIN20100722_054022_000000492091_00234_43875_5038.N1	22-JUL-2010 05:40:22	Bright	48.500	76	27Gam Cas	2.3000	30000.	97	43875	No
66	GOM_NL__2PRFIN20100722_054554_000000442091_00234_43875_5039.N1	22-JUL-2010 05:45:54	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	43875	No
67	GOM_NL__2PRFIN20100722_054721_000000632091_00234_43875_5040.N1	22-JUL-2010 05:47:21	Bright	63.000	35	33Alp Per	1.7950	6250.0	126	43875	No
68	GOM_NL__2PRFIN20100722_055024_000000522091_00234_43875_5041.N1	22-JUL-2010 05:50:24	Bright	51.500	79	26Bet Per	2.3100	13100.	103	43875	No
69	GOM_NL__2PRFIN20100722_055333_000000462091_00234_43875_5042.N1	22-JUL-2010 05:53:33	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	43875	No
70	GOM_NL__2PRFIN20100722_055618_000000482091_00234_43875_5043.N1	22-JUL-2010 05:56:18	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	43875	No
71	GOM_NL__2PRFIN20100722_055754_000000492091_00234_43875_5044.N1	22-JUL-2010 05:57:54	Dark	49.000	13	87Alp Tau	0.86700	3800.0	98	43875	No
72	GOM_NL__2PRFIN20100722_060746_000000502091_00234_43875_5045.N1	22-JUL-2010 06:07:46	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	43875	No
73	GOM_NL__2PRFIN20100722_061658_000000442091_00234_43875_5046.N1	22-JUL-2010 06:16:58	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43875	No
74	GOM_NL__2PRFIN20100722_062259_000000542091_00235_43876_5057.N1	22-JUL-2010 06:22:59	Dark	54.000	9	Alp Eri	0.45300	24000.	108	43876	No
75	GOM_NL__2PRFIN20100722_062641_000000532091_00235_43876_5058.N1	22-JUL-2010 06:26:41	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	43876	No
76	GOM_NL__2PRFIN20100722_063021_000000402091_00235_43876_5059.N1	22-JUL-2010 06:30:21	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	43876	No
77	GOM_NL__2PRFIN20100722_063158_000000642091_00235_43876_5060.N1	22-JUL-2010 06:31:58	Straylight	63.500	63	Bet Gru	2.1500	2800.0	127	43876	No
78	GOM_NL__2PRFIN20100722_063324_000000462091_00235_43876_5061.N1	22-JUL-2010 06:33:24	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	43876	No
79	GOM_NL__2PRFIN20100722_063637_000000472091_00235_43876_5062.N1	22-JUL-2010 06:36:37	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	43876	No
80	GOM_NL__2PRFIN20100722_065408_000000452091_00235_43876_5063.N1	22-JUL-2010 06:54:08	Bright	45.000	11	53Alp Aql	0.76500	8000.0	90	43876	No
81	GOM_NL__2PRFIN20100722_070219_000000362091_00235_43876_5064.N1	22-JUL-2010 07:02:19	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	43876	No
82	GOM_NL__2PRFIN20100722_070505_000000402091_00235_43876_5065.N1	22-JUL-2010 07:05:05	Bright	40.000	144	18Del Cyg	2.8600	11000.	80	43876	No
83	GOM_NL__2PRFIN20100722_070658_000000462091_00235_43876_5066.N1	22-JUL-2010 07:06:58	Bright	46.000	19	50Alp Cyg	1.2460	10500.	92	43876	No
84	GOM_NL__2PRFIN20100722_071208_000000412091_00235_43876_5067.N1	22-JUL-2010 07:12:08	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	43876	No
85	GOM_NL__2PRFIN20100722_072057_000000482091_00235_43876_5068.N1	22-JUL-2010 07:20:57	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43876	No
86	GOM_NL__2PRFIN20100722_072630_000000432091_00235_43876_5069.N1	22-JUL-2010 07:26:30	Bright	42.500	160	23Gam Per	2.9300	4700.0	85	43876	No
87	GOM_NL__2PRFIN20100722_072757_000000442091_00235_43876_5070.N1	22-JUL-2010 07:27:57	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	43876	No
88	GOM_NL__2PRFIN20100722_073100_000000532091_00235_43876_5071.N1	22-JUL-2010 07:31:00	Bright	53.000	79	26Bet Per	2.3100	13100.	106	43876	No
89	GOM_NL__2PRFIN20100722_073410_000000482091_00235_43876_5072.N1	22-JUL-2010 07:34:10	Twilight	47.500	150	44Zet Per	2.8900	28000.	95	43876	No
90	GOM_NL__2PRFIN20100722_073655_000000492091_00235_43876_5073.N1	22-JUL-2010 07:36:55	Twilight	48.500	146	25Eta Tau	2.8730	15200.	97	43876	No
91	GOM_NL__2PRFIN20100722_073830_000000572091_00235_43876_5074.N1	22-JUL-2010 07:38:30	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	43876	No
92	GOM_NL__2PRFIN20100722_074823_000000492091_00235_43876_5075.N1	22-JUL-2010 07:48:23	Dark	49.000	165	34Gam Eri	2.9500	3200.0	98	43876	No
93	GOM_NL__2PRFIN20100722_075735_000000442091_00235_43876_5076.N1	22-JUL-2010 07:57:35	Dark	43.500	157	The1Eri	2.9060	9300.0	87	43876	No
94	GOM_NL__2PRFIN20100722_080335_000000432091_00236_43877_5086.N1	22-JUL-2010 08:03:35	Dark	42.500	9	Alp Eri	0.45300	24000.	85	43877	No
95	GOM_NL__2PRFIN20100722_080719_000000542091_00236_43877_5087.N1	22-JUL-2010 08:07:19	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	43877	No
96	GOM_NL__2PRFIN20100722_081059_000000452091_00236_43877_5088.N1	22-JUL-2010 08:10:59	Straylight	45.000	148	Alp Tuc	2.8780	4100.0	90	43877	No
97	GOM_NL__2PRFIN20100722_081235_000000632091_00236_43877_5089.N1	22-JUL-2010 08:12:35	Straylight	62.500	63	Bet Gru	2.1500	2800.0	125	43877	No
98	GOM_NL__2PRFIN20100722_081401_000000502091_00236_43877_5090.N1	22-JUL-2010 08:14:01	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	43877	No
99	GOM_NL__2PRFIN20100722_081714_000000502091_00236_43877_5091.N1	22-JUL-2010 08:17:14	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	43877	No
100	GOM_NL__2PRFIN20100722_083444_000000422091_00236_43877_5092.N1	22-JUL-2010 08:34:44	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	43877	No
101	GOM_NL__2PRFIN20100722_084254_000000402091_00236_43877_5093.N1	22-JUL-2010 08:42:54	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	43877	No

102	GOM_NL__2PRFIN20100722_084541_000000392091_00236_43877_5094.N1	22-JUL-2010 08:45:41	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	43877	No
103	GOM_NL__2PRFIN20100722_084733_000000492091_00236_43877_5095.N1	22-JUL-2010 08:47:33	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	43877	No
104	GOM_NL__2PRFIN20100722_085243_000000422091_00236_43877_5096.N1	22-JUL-2010 08:52:43	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43877	No
105	GOM_NL__2PRFIN20100722_090132_000000502091_00236_43877_5097.N1	22-JUL-2010 09:01:32	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	43877	No
106	GOM_NL__2PRFIN20100722_090705_000000452091_00236_43877_5098.N1	22-JUL-2010 09:07:05	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	43877	No
107	GOM_NL__2PRFIN20100722_090833_000000462091_00236_43877_5099.N1	22-JUL-2010 09:08:33	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	43877	No
108	GOM_NL__2PRFIN20100722_091136_000000532091_00236_43877_5100.N1	22-JUL-2010 09:11:36	Bright	53.000	79	26Bet Per	2.3100	13100.	106	43877	No
109	GOM_NL__2PRFIN20100722_091446_000000492091_00236_43877_5101.N1	22-JUL-2010 09:14:46	Twilight	49.000	150	44Zet Per	2.8900	28000.	98	43877	No
110	GOM_NL__2PRFIN20100722_091731_000000492091_00236_43877_5102.N1	22-JUL-2010 09:17:31	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	43877	No
111	GOM_NL__2PRFIN20100722_091906_000000522091_00236_43877_5103.N1	22-JUL-2010 09:19:06	Dark	52.000	13	87Alp Tau	0.86700	3800.0	104	43877	No
112	GOM_NL__2PRFIN20100722_092859_000000482091_00236_43877_5104.N1	22-JUL-2010 09:28:59	Dark	48.000	165	34Gam Eri	2.9500	3200.0	96	43877	No
113	GOM_NL__2PRFIN20100722_093812_000000432091_00236_43877_5105.N1	22-JUL-2010 09:38:12	Dark	42.500	157	The1Eri	2.9060	9300.0	85	43877	No
114	GOM_NL__2PRFIN20100722_094412_000000442091_00237_43878_5111.N1	22-JUL-2010 09:44:12	Dark	43.500	9	Alp Eri	0.45300	24000.	87	43878	No
115	GOM_NL__2PRFIN20100722_094755_000000532091_00237_43878_5112.N1	22-JUL-2010 09:47:55	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	43878	No
116	GOM_NL__2PRFIN20100722_095311_000000612091_00237_43878_5113.N1	22-JUL-2010 09:53:11	Straylight	60.500	63	Bet Gru	2.1500	2800.0	121	43878	No
117	GOM_NL__2PRFIN20100722_095437_000000502091_00237_43878_5114.N1	22-JUL-2010 09:54:37	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	43878	No
118	GOM_NL__2PRFIN20100722_095750_000000492091_00237_43878_5115.N1	22-JUL-2010 09:57:50	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	43878	No
119	GOM_NL__2PRFIN20100722_101519_000000412091_00237_43878_5116.N1	22-JUL-2010 10:15:19	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	43878	No
120	GOM_NL__2PRFIN20100722_102617_000000422091_00237_43878_5117.N1	22-JUL-2010 10:26:17	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	43878	No
121	GOM_NL__2PRFIN20100722_102808_000000492091_00237_43878_5118.N1	22-JUL-2010 10:28:08	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	43878	No
122	GOM_NL__2PRFIN20100722_103319_000000422091_00237_43878_5119.N1	22-JUL-2010 10:33:19	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43878	No
123	GOM_NL__2PRFIN20100722_104208_000000502091_00237_43878_5120.N1	22-JUL-2010 10:42:08	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	43878	No
124	GOM_NL__2PRFIN20100722_104741_000000442091_00237_43878_5121.N1	22-JUL-2010 10:47:41	Bright	43.500	160	23Gam Per	2.9300	4700.0	87	43878	No
125	GOM_NL__2PRFIN20100722_104909_000000442091_00237_43878_5122.N1	22-JUL-2010 10:49:09	Bright	43.500	35	33Alp Per	1.7950	6250.0	87	43878	No
126	GOM_NL__2PRFIN20100722_105212_000000522091_00237_43878_5123.N1	22-JUL-2010 10:52:12	Bright	52.000	79	26Bet Per	2.3100	13100.	104	43878	No
127	GOM_NL__2PRFIN20100722_105522_000000482091_00237_43878_5124.N1	22-JUL-2010 10:55:22	Twilight	47.500	150	44Zet Per	2.8900	28000.	95	43878	No
128	GOM_NL__2PRFIN20100722_105807_000000482091_00237_43878_5125.N1	22-JUL-2010 10:58:07	Twilight	47.500	146	25Eta Tau	2.8730	15200.	95	43878	No
129	GOM_NL__2PRFIN20100722_105942_000000522091_00237_43878_5126.N1	22-JUL-2010 10:59:42	Dark	51.500	13	87Alp Tau	0.86700	3800.0	103	43878	No
130	GOM_NL__2PRFIN20100722_110936_000000452091_00237_43878_5127.N1	22-JUL-2010 11:09:36	Dark	45.000	165	34Gam Eri	2.9500	3200.0	90	43878	No
131	GOM_NL__2PRFIN20100722_111848_000000452091_00237_43878_5128.N1	22-JUL-2010 11:18:48	Dark	44.500	157	The1Eri	2.9060	9300.0	89	43878	No
132	GOM_NL__2PRFIN20100722_130525_000000442091_00239_43880_5296.N1	22-JUL-2010 13:05:25	Dark	44.000	9	Alp Eri	0.45300	24000.	88	43880	No
133	GOM_NL__2PRFIN20100722_130910_000000542091_00239_43880_5297.N1	22-JUL-2010 13:09:10	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	43880	No
134	GOM_NL__2PRFIN20100722_131245_000000422091_00239_43880_5298.N1	22-JUL-2010 13:12:45	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	43880	No
135	GOM_NL__2PRFIN20100722_131424_000000522091_00239_43880_5299.N1	22-JUL-2010 13:14:24	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	43880	No
136	GOM_NL__2PRFIN20100722_131550_000000502091_00239_43880_5300.N1	22-JUL-2010 13:15:50	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	43880	No
137	GOM_NL__2PRFIN20100722_131903_000000492091_00239_43880_5301.N1	22-JUL-2010 13:19:03	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	43880	No
138	GOM_NL__2PRFIN20100722_133631_000000412091_00239_43880_5302.N1	22-JUL-2010 13:36:31	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	43880	No
139	GOM_NL__2PRFIN20100722_134442_000000402091_00239_43880_5303.N1	22-JUL-2010 13:44:42	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	43880	No
140	GOM_NL__2PRFIN20100722_134728_000000392091_00239_43880_5304.N1	22-JUL-2010 13:47:28	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	43880	No
141	GOM_NL__2PRFIN20100722_134919_000000482091_00239_43880_5305.N1	22-JUL-2010 13:49:19	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	43880	No
142	GOM_NL__2PRFIN20100722_135429_000000422091_00239_43880_5306.N1	22-JUL-2010 13:54:29	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	43880	No
143	GOM_NL__2PRFIN20100722_140425_000000452091_00239_43880_5307.N1	22-JUL-2010 14:04:25	Bright	45.000	110	37Del Cas	2.6780	8900.0	90	43880	No
144	GOM_NL__2PRFIN20100722_140852_000000452091_00239_43880_5308.N1	22-JUL-2010 14:08:52	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	43880	No
145	GOM_NL__2PRFIN20100722_141020_000000472091_00239_43880_5309.N1	22-JUL-2010 14:10:20	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	43880	No
146	GOM_NL__2PRFIN20100722_141324_000000492091_00239_43880_5310.N1	22-JUL-2010 14:13:24	Bright	48.500	79	26Bet Per	2.3100	13100.	97	43880	No
147	GOM_NL__2PRFIN20100722_141634_000000492091_00239_43880_5311.N1	22-JUL-2010 14:16:34	Twilight	49.000	150	44Zet Per	2.8900	28000.	98	43880	No
148	GOM_NL__2PRFIN20100722_141919_000000502091_00239_43880_5312.N1	22-JUL-2010 14:19:19	Twilight	49.500	146	25Eta Tau	2.8730	15200.	99	43880	No
149	GOM_NL__2PRFIN20100722_142054_000000552091_00239_43880_5313.N1	22-JUL-2010 14:20:54	Dark	54.500	13	87Alp Tau	0.86700	3800.0	109	43880	No
150	GOM_NL__2PRFIN20100722_143049_000000472091_00239_43880_5314.N1	22-JUL-2010 14:30:49	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	43880	No
151	GOM_NL__2PRFIN20100722_144002_000000432091_00239_43880_5315.N1	22-JUL-2010 14:40:02	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43880	No
152	GOM_NL__2PRFIN20100722_144602_000000512091_00240_43881_5328.N1	22-JUL-2010 14:46:02	Dark	50.500	9	Alp Eri	0.45300	24000.	101	43881	No
153	GOM_NL__2PRFIN20100722_144947_000000542091_00240_43881_5329.N1	22-JUL-2010 14:49:47	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	43881	No
154	GOM_NL__2PRFIN20100722_145322_000000422091_00240_43881_5330.N1	22-JUL-2010 14:53:22	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	43881	No
155	GOM_NL__2PRFIN20100722_145501_000000512091_00240_43881_5331.N1	22-JUL-2010 14:55:01	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	43881	No
156	GOM_NL__2PRFIN20100722_145627_000000502091_00240_43881_5332.N1	22-JUL-2010 14:56:27	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	43881	No
157	GOM_NL__2PRFIN20100722_145940_000000482091_00240_43881_5333.N1	22-JUL-2010 14:59:40	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	43881	No
158	GOM_NL__2PRFIN20100722_151706_000000442091_00240_43881_5334.N1	22-JUL-2010 15:17:06	Bright	44.000	11	53Alp Aql	0.76500	8000.0	88	43881	No
159	GOM_NL__2PRFIN20100722_152518_000000392091_00240_43881_5335.N1	22-JUL-2010 15:25:18	Bright	39.000	5	3Alp Lyr	0.033000	11000.	78	43881	No
160	GOM_NL__2PRFIN20100722_152803_000000412091_00240_43881_5336.N1	22-JUL-2010 15:28:03	Bright	41.000	144	18Del Cyg	2.8600	11000.	82	43881	No

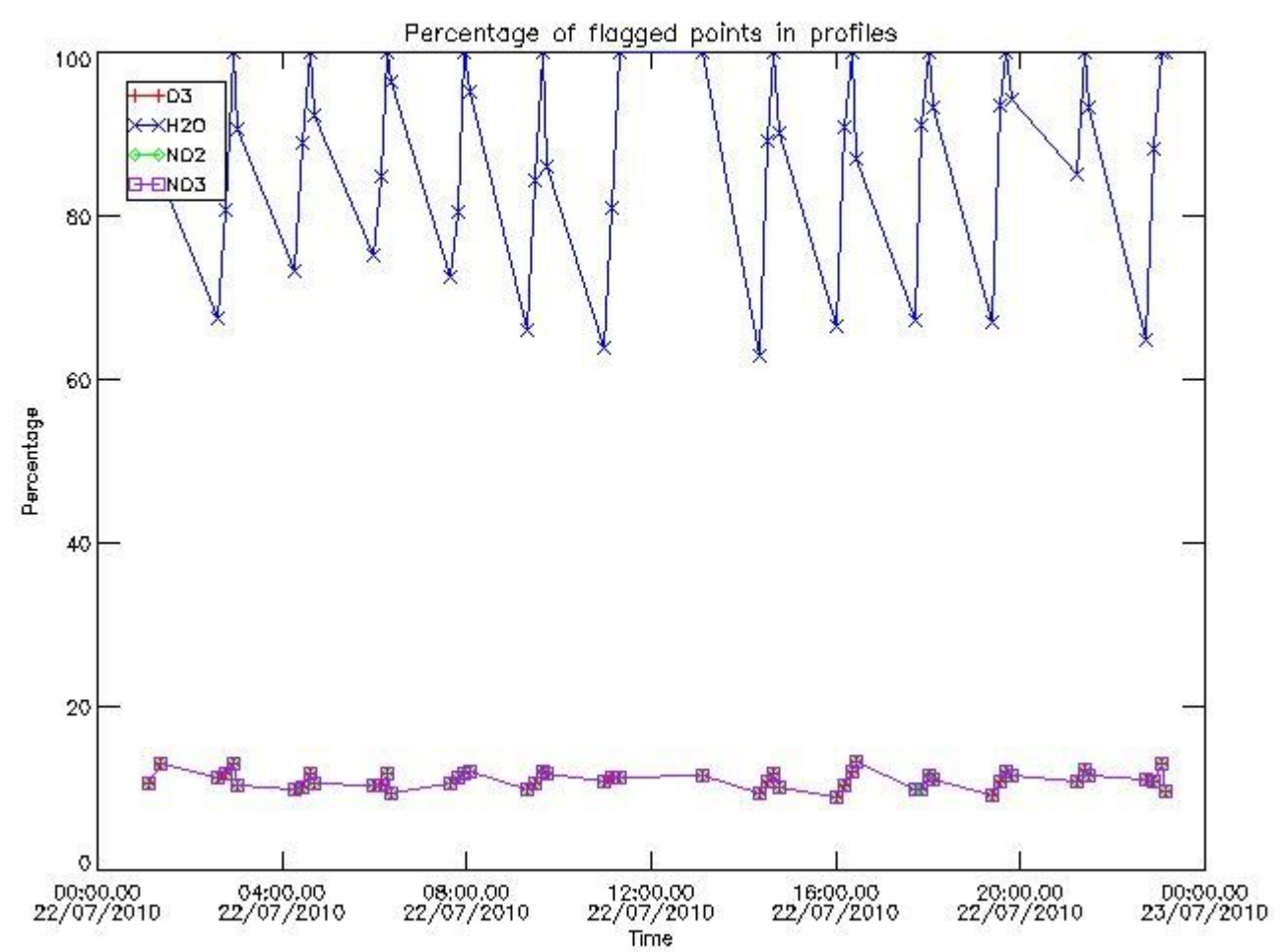
161	GOM_NL__2PRFIN20100722_152954_000000452091_00240_43881_5337.N1	22-JUL-2010 15:29:54	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	43881	No
162	GOM_NL__2PRFIN20100722_153505_000000412091_00240_43881_5338.N1	22-JUL-2010 15:35:05	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	43881	No
163	GOM_NL__2PRFIN20100722_154501_000000462091_00240_43881_5339.N1	22-JUL-2010 15:45:01	Bright	46.000	110	37Del Cas	2.6780	8900.0	92	43881	No
164	GOM_NL__2PRFIN20100722_154928_000000462091_00240_43881_5340.N1	22-JUL-2010 15:49:28	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	43881	No
165	GOM_NL__2PRFIN20100722_155056_000000442091_00240_43881_5341.N1	22-JUL-2010 15:50:56	Bright	44.000	35	33Alp Per	1.7950	6250.0	88	43881	No
166	GOM_NL__2PRFIN20100722_155359_000000522091_00240_43881_5342.N1	22-JUL-2010 15:53:59	Bright	51.500	79	26Bet Per	2.3100	13100.	103	43881	No
167	GOM_NL__2PRFIN20100722_155710_000000462091_00240_43881_5343.N1	22-JUL-2010 15:57:10	Twilight	45.500	150	44Zet Per	2.8900	28000.	91	43881	No
168	GOM_NL__2PRFIN20100722_155956_000000502091_00240_43881_5344.N1	22-JUL-2010 15:59:56	Twilight	49.500	146	25Eta Tau	2.8730	15200.	99	43881	No
169	GOM_NL__2PRFIN20100722_160131_000000572091_00240_43881_5345.N1	22-JUL-2010 16:01:31	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	43881	No
170	GOM_NL__2PRFIN20100722_161126_000000502091_00240_43881_5346.N1	22-JUL-2010 16:11:26	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	43881	No
171	GOM_NL__2PRFIN20100722_162039_000000422091_00240_43881_5347.N1	22-JUL-2010 16:20:39	Dark	42.000	157	The1Eri	2.9060	9300.0	84	43881	No
172	GOM_NL__2PRFIN20100722_162639_000000432091_00241_43882_5353.N1	22-JUL-2010 16:26:39	Dark	42.500	9	Alp Eri	0.45300	24000.	85	43882	No
173	GOM_NL__2PRFIN20100722_163024_000000542091_00241_43882_5354.N1	22-JUL-2010 16:30:24	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	43882	No
174	GOM_NL__2PRFIN20100722_163358_000000432091_00241_43882_5355.N1	22-JUL-2010 16:33:58	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	43882	No
175	GOM_NL__2PRFIN20100722_163538_000000492091_00241_43882_5356.N1	22-JUL-2010 16:35:38	Straylight	49.000	63	Bet Gru	2.1500	2800.0	98	43882	No
176	GOM_NL__2PRFIN20100722_163704_000000482091_00241_43882_5357.N1	22-JUL-2010 16:37:04	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	43882	No
177	GOM_NL__2PRFIN20100722_164017_000000482091_00241_43882_5358.N1	22-JUL-2010 16:40:17	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	43882	No
178	GOM_NL__2PRFIN20100722_165742_000000422091_00241_43882_5359.N1	22-JUL-2010 16:57:42	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	43882	No
179	GOM_NL__2PRFIN20100722_170554_000000382091_00241_43882_5360.N1	22-JUL-2010 17:05:54	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	43882	No
180	GOM_NL__2PRFIN20100722_170839_000000412091_00241_43882_5361.N1	22-JUL-2010 17:08:39	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43882	No
181	GOM_NL__2PRFIN20100722_171029_000000492091_00241_43882_5362.N1	22-JUL-2010 17:10:29	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	43882	No
182	GOM_NL__2PRFIN20100722_171540_000000422091_00241_43882_5363.N1	22-JUL-2010 17:15:40	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43882	No
183	GOM_NL__2PRFIN20100722_172536_000000482091_00241_43882_5364.N1	22-JUL-2010 17:25:36	Bright	48.000	110	37Del Cas	2.6780	8900.0	96	43882	No
184	GOM_NL__2PRFIN20100722_173004_000000442091_00241_43882_5365.N1	22-JUL-2010 17:30:04	Bright	44.000	160	23Gam Per	2.9300	4700.0	88	43882	No
185	GOM_NL__2PRFIN20100722_173132_000000462091_00241_43882_5366.N1	22-JUL-2010 17:31:32	Bright	46.000	35	33Alp Per	1.7950	6250.0	92	43882	No
186	GOM_NL__2PRFIN20100722_173435_000000542091_00241_43882_5367.N1	22-JUL-2010 17:34:35	Bright	53.500	79	26Bet Per	2.3100	13100.	107	43882	No
187	GOM_NL__2PRFIN20100722_173746_000000482091_00241_43882_5368.N1	22-JUL-2010 17:37:46	Twilight	48.000	150	44Zet Per	2.8900	28000.	96	43882	No
188	GOM_NL__2PRFIN20100722_174032_000000462091_00241_43882_5369.N1	22-JUL-2010 17:40:32	Twilight	46.000	146	25Eta Tau	2.8730	15200.	92	43882	No
189	GOM_NL__2PRFIN20100722_174207_000000572091_00241_43882_5370.N1	22-JUL-2010 17:42:07	Dark	57.000	13	87Alp Tau	0.86700	3800.0	114	43882	No
190	GOM_NL__2PRFIN20100722_175202_000000512091_00241_43882_5371.N1	22-JUL-2010 17:52:02	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	43882	No
191	GOM_NL__2PRFIN20100722_180116_000000452091_00241_43882_5372.N1	22-JUL-2010 18:01:16	Dark	44.500	157	The1Eri	2.9060	9300.0	89	43882	No
192	GOM_NL__2PRFIN20100722_180715_000000462091_00242_43883_5379.N1	22-JUL-2010 18:07:15	Dark	45.500	9	Alp Eri	0.45300	24000.	91	43883	No
193	GOM_NL__2PRFIN20100722_181101_000000542091_00242_43883_5380.N1	22-JUL-2010 18:11:01	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	43883	No
194	GOM_NL__2PRFIN20100722_181434_000000422091_00242_43883_5381.N1	22-JUL-2010 18:14:34	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	43883	No
195	GOM_NL__2PRFIN20100722_181615_000000492091_00242_43883_5382.N1	22-JUL-2010 18:16:15	Straylight	48.500	63	Bet Gru	2.1500	2800.0	97	43883	No
196	GOM_NL__2PRFIN20100722_181740_000000452091_00242_43883_5383.N1	22-JUL-2010 18:17:40	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	43883	No
197	GOM_NL__2PRFIN20100722_182053_000000502091_00242_43883_5384.N1	22-JUL-2010 18:20:53	Straylight	49.500	172	Gam Gru	3.0030	13100.	99	43883	No
198	GOM_NL__2PRFIN20100722_183818_000000422091_00242_43883_5385.N1	22-JUL-2010 18:38:18	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	43883	No
199	GOM_NL__2PRFIN20100722_184630_000000392091_00242_43883_5386.N1	22-JUL-2010 18:46:30	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	43883	No
200	GOM_NL__2PRFIN20100722_184914_000000422091_00242_43883_5387.N1	22-JUL-2010 18:49:14	Bright	41.500	144	18Del Cyg	2.8600	11000.	83	43883	No
201	GOM_NL__2PRFIN20100722_185105_000000492091_00242_43883_5388.N1	22-JUL-2010 18:51:05	Bright	49.000	19	50Alp Cyg	1.2460	10500.	98	43883	No
202	GOM_NL__2PRFIN20100722_185616_000000432091_00242_43883_5389.N1	22-JUL-2010 18:56:16	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	43883	No
203	GOM_NL__2PRFIN20100722_190611_000000692091_00242_43883_5390.N1	22-JUL-2010 19:06:11	Bright	69.000	110	37Del Cas	2.6780	8900.0	138	43883	No
204	GOM_NL__2PRFIN20100722_191040_000000422091_00242_43883_5391.N1	22-JUL-2010 19:10:40	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	43883	No
205	GOM_NL__2PRFIN20100722_191207_000000452091_00242_43883_5392.N1	22-JUL-2010 19:12:07	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	43883	No
206	GOM_NL__2PRFIN20100722_191511_000000532091_00242_43883_5393.N1	22-JUL-2010 19:15:11	Bright	53.000	79	26Bet Per	2.3100	13100.	106	43883	No
207	GOM_NL__2PRFIN20100722_191822_000000462091_00242_43883_5394.N1	22-JUL-2010 19:18:22	Twilight	46.000	150	44Zet Per	2.8900	28000.	92	43883	No
208	GOM_NL__2PRFIN20100722_192108_000000492091_00242_43883_5395.N1	22-JUL-2010 19:21:08	Twilight	48.500	146	25Eta Tau	2.8730	15200.	97	43883	No
209	GOM_NL__2PRFIN20100722_192243_000000552091_00242_43883_5396.N1	22-JUL-2010 19:22:43	Dark	55.000	13	87Alp Tau	0.86700	3800.0	110	43883	No
210	GOM_NL__2PRFIN20100722_193239_000000472091_00242_43883_5397.N1	22-JUL-2010 19:32:39	Dark	46.500	165	34Gam Eri	2.9500	3200.0	93	43883	No
211	GOM_NL__2PRFIN20100722_194153_000000432091_00242_43883_5398.N1	22-JUL-2010 19:41:53	Dark	42.500	157	The1Eri	2.9060	9300.0	85	43883	No
212	GOM_NL__2PRFIN20100722_194751_000000452091_00243_43884_5407.N1	22-JUL-2010 19:47:51	Dark	44.500	9	Alp Eri	0.45300	24000.	89	43884	No
213	GOM_NL__2PRFIN20100722_195138_000000592091_00243_43884_5408.N1	22-JUL-2010 19:51:38	Straylight	59.000	84	Alp Phe	2.3970	4500.0	118	43884	No
214	GOM_NL__2PRFIN20100722_195511_000000412091_00243_43884_5409.N1	22-JUL-2010 19:55:11	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43884	No
215	GOM_NL__2PRFIN20100722_195651_000000532091_00243_43884_5410.N1	22-JUL-2010 19:56:51	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	43884	No
216	GOM_NL__2PRFIN20100722_195817_000000452091_00243_43884_5411.N1	22-JUL-2010 19:58:17	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	43884	No
217	GOM_NL__2PRFIN20100722_200130_000000152091_00243_43884_5412.N1	22-JUL-2010 20:01:30	Straylight	14.500	172	Gam Gru	3.0030	13100.	29	43884	No
218	GOM_NL__2PRFIN20100722_211315_000000482091_00243_43884_5413.N1	22-JUL-2010 21:13:15	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	43884	No
219	GOM_NL__2PRFIN20100722_212229_000000422091_00243_43884_5414.N1	22-JUL-2010 21:22:29	Dark	41.500	157	The1Eri	2.9060	9300.0	83	43884	No

220	GOM_NL__2PRFIN20100722_212828_000000452091_00244_43885_5418.N1	22-JUL-2010 21:28:28	Dark	44.500	9	Alp Eri	0.45300	24000.	89	43885	No
221	GOM_NL__2PRFIN20100722_213215_000000572091_00244_43885_5419.N1	22-JUL-2010 21:32:15	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	43885	No
222	GOM_NL__2PRFIN20100722_213547_000000402091_00244_43885_5420.N1	22-JUL-2010 21:35:47	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	43885	No
223	GOM_NL__2PRFIN20100722_213728_000000652091_00244_43885_5421.N1	22-JUL-2010 21:37:28	Straylight	64.500	63	Bet Gru	2.1500	2800.0	129	43885	No
224	GOM_NL__2PRFIN20100722_213853_000000452091_00244_43885_5422.N1	22-JUL-2010 21:38:53	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	43885	No
225	GOM_NL__2PRFIN20100722_214206_000000492091_00244_43885_5423.N1	22-JUL-2010 21:42:06	Straylight	49.000	172	Gam Gru	3.0030	13100.	98	43885	No
226	GOM_NL__2PRFIN20100722_215929_000000422091_00244_43885_5424.N1	22-JUL-2010 21:59:29	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	43885	No
227	GOM_NL__2PRFIN20100722_220741_000000402091_00244_43885_5425.N1	22-JUL-2010 22:07:41	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	43885	No
228	GOM_NL__2PRFIN20100722_221025_000000402091_00244_43885_5426.N1	22-JUL-2010 22:10:25	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	43885	No
229	GOM_NL__2PRFIN20100722_221215_000000482091_00244_43885_5427.N1	22-JUL-2010 22:12:15	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	43885	No
230	GOM_NL__2PRFIN20100722_221726_000000432091_00244_43885_5428.N1	22-JUL-2010 22:17:26	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43885	No
231	GOM_NL__2PRFIN20100722_222722_000000692091_00244_43885_5429.N1	22-JUL-2010 22:27:22	Bright	69.000	110	37Del Cas	2.6780	8900.0	138	43885	No
232	GOM_NL__2PRFIN20100722_223151_000000632091_00244_43885_5430.N1	22-JUL-2010 22:31:51	Bright	63.000	160	23Gam Per	2.9300	4700.0	126	43885	No
233	GOM_NL__2PRFIN20100722_223319_000000452091_00244_43885_5431.N1	22-JUL-2010 22:33:19	Bright	44.500	35	33Alp Per	1.7950	6250.0	89	43885	No
234	GOM_NL__2PRFIN20100722_223623_000000522091_00244_43885_5432.N1	22-JUL-2010 22:36:23	Bright	51.500	79	26Bet Per	2.3100	13100.	103	43885	No
235	GOM_NL__2PRFIN20100722_223934_000000492091_00244_43885_5433.N1	22-JUL-2010 22:39:34	Twilight	48.500	150	44Zet Per	2.8900	28000.	97	43885	No
236	GOM_NL__2PRFIN20100722_224221_000000492091_00244_43885_5434.N1	22-JUL-2010 22:42:21	Twilight	49.000	146	25Eta Tau	2.8730	15200.	98	43885	No
237	GOM_NL__2PRFIN20100722_224356_000000462091_00244_43885_5435.N1	22-JUL-2010 22:43:56	Dark	45.500	13	87Alp Tau	0.86700	3800.0	91	43885	No
238	GOM_NL__2PRFIN20100722_225352_000000482091_00244_43885_5436.N1	22-JUL-2010 22:53:52	Dark	47.500	165	34Gam Eri	2.9500	3200.0	95	43885	No
239	GOM_NL__2PRFIN20100722_230306_000000432091_00244_43885_5437.N1	22-JUL-2010 23:03:06	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43885	No
240	GOM_NL__2PRFIN20100722_230904_000000532091_00245_43886_5429.N1	22-JUL-2010 23:09:04	Dark	52.500	9	Alp Eri	0.45300	24000.	105	43886	No
241	GOM_NL__2PRFIN20100722_231252_000000592091_00245_43886_5430.N1	22-JUL-2010 23:12:52	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	43886	No
242	GOM_NL__2PRFIN20100722_231624_000000422091_00245_43886_5431.N1	22-JUL-2010 23:16:24	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	43886	No
243	GOM_NL__2PRFIN20100722_231804_000000582091_00245_43886_5432.N1	22-JUL-2010 23:18:04	Straylight	58.000	63	Bet Gru	2.1500	2800.0	116	43886	No
244	GOM_NL__2PRFIN20100722_231930_000000472091_00245_43886_5433.N1	22-JUL-2010 23:19:30	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	43886	No
245	GOM_NL__2PRFIN20100722_232243_000000512091_00245_43886_5434.N1	22-JUL-2010 23:22:43	Straylight	50.500	172	Gam Gru	3.0030	13100.	101	43886	No
246	GOM_NL__2PRFIN20100722_234005_000000412091_00245_43886_5435.N1	22-JUL-2010 23:40:05	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	43886	No
247	GOM_NL__2PRFIN20100722_234817_000000362091_00245_43886_5436.N1	22-JUL-2010 23:48:17	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	43886	No
248	GOM_NL__2PRFIN20100722_235101_000000412091_00245_43886_5437.N1	22-JUL-2010 23:51:01	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43886	No
249	GOM_NL__2PRFIN20100722_235250_000000502091_00245_43886_5438.N1	22-JUL-2010 23:52:50	Bright	50.000	19	50Alp Cyg	1.2460	10500.	100	43886	No
250	GOM_NL__2PRFIN20100722_235802_000000432091_00245_43886_5439.N1	22-JUL-2010 23:58:02	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	43886	No

3. Quality information per product

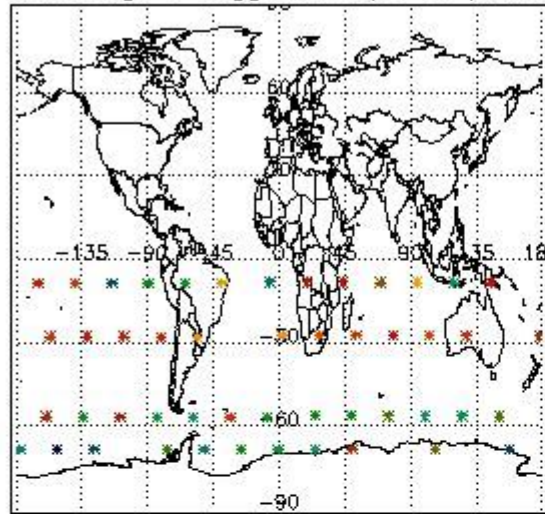
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

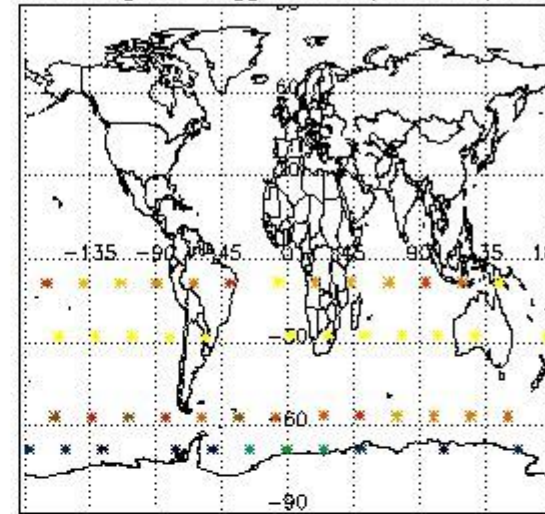


3.2 Plot quality information per product (world map)

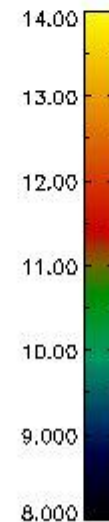
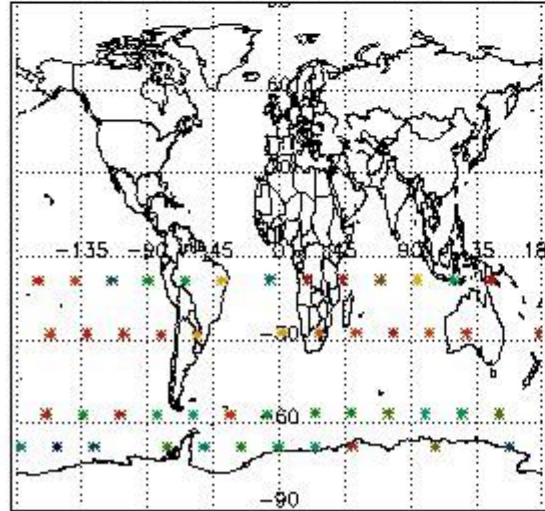
Percentage of flagged data per O3 profile



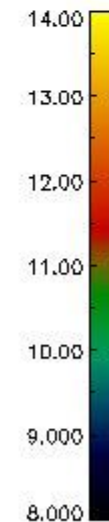
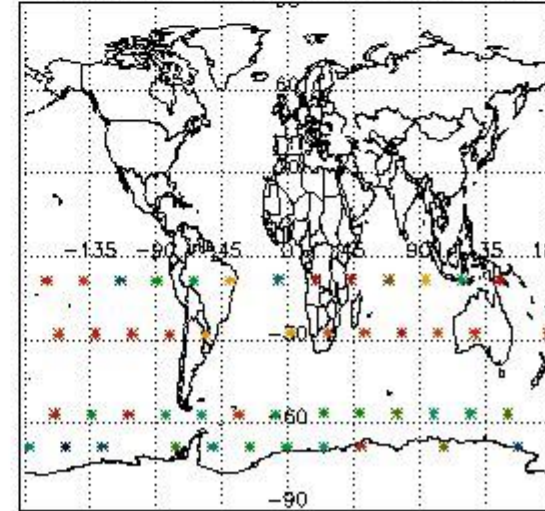
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

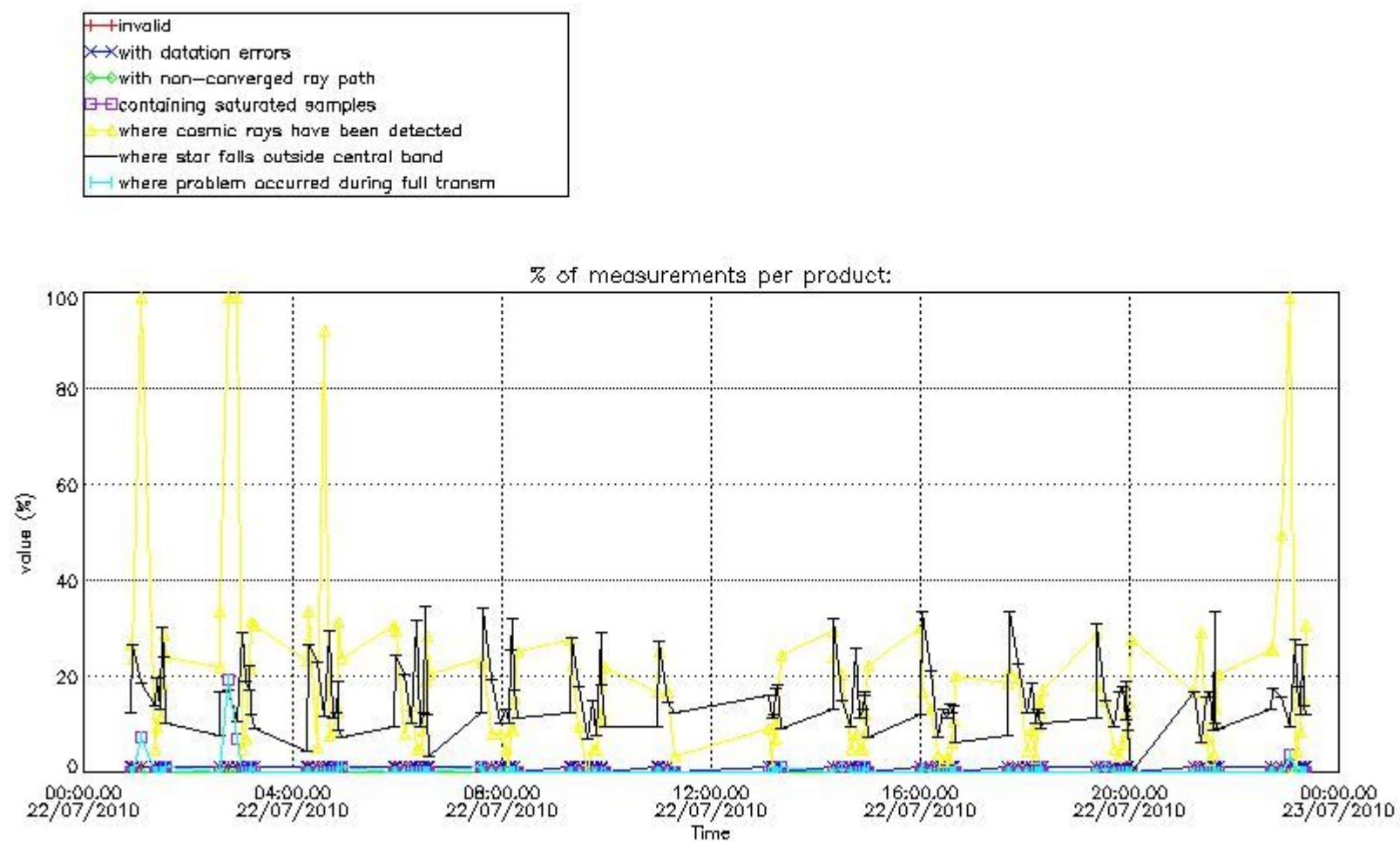


4. Level 1 quality information per product

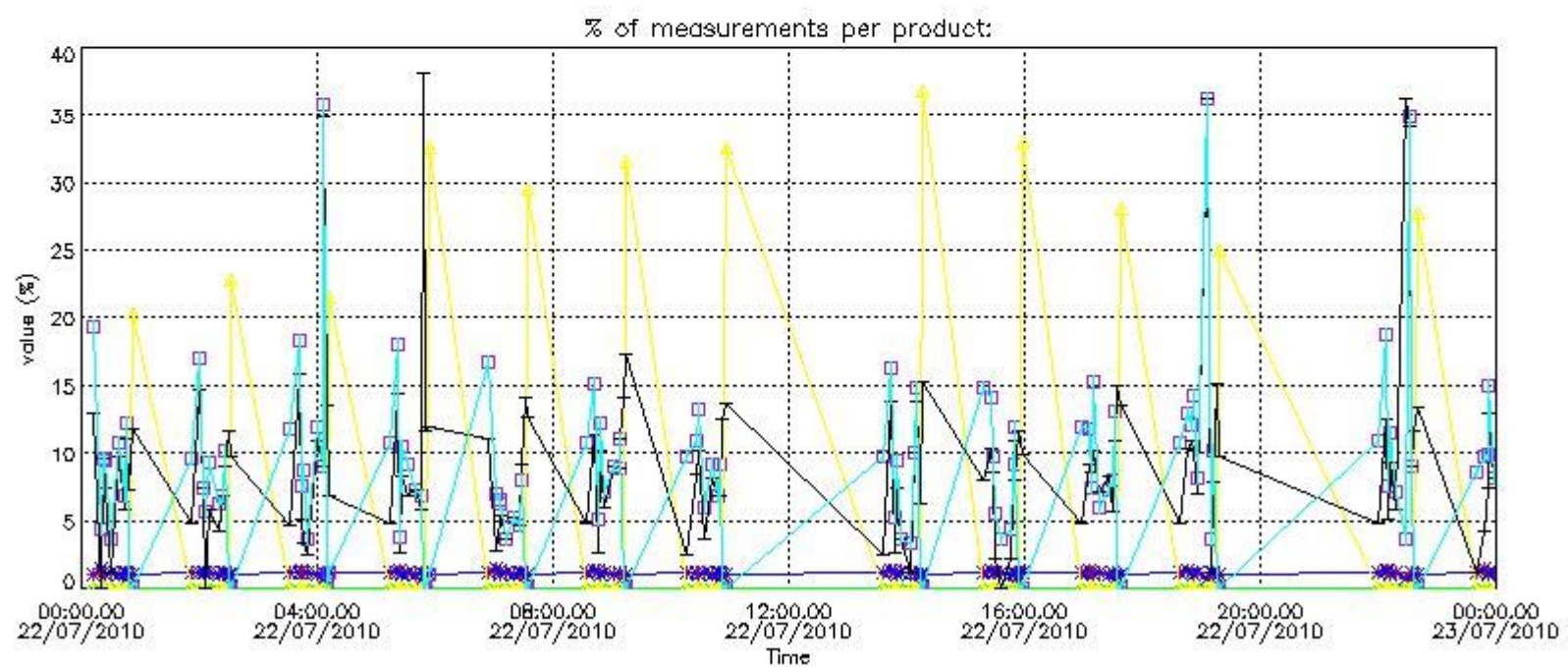
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



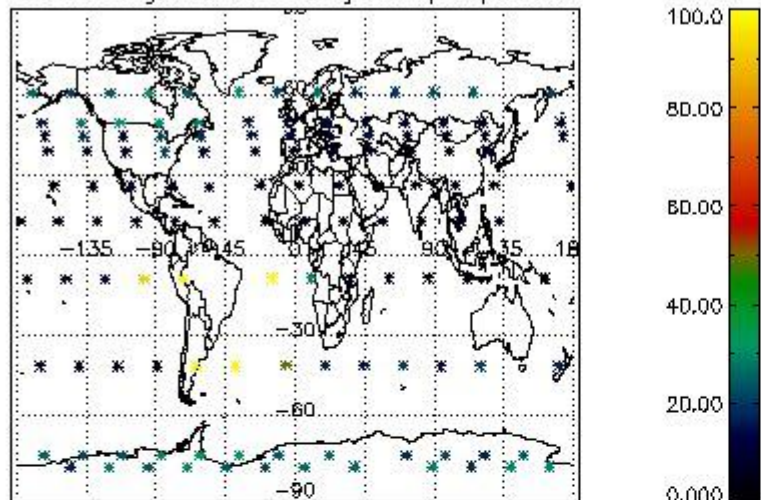
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



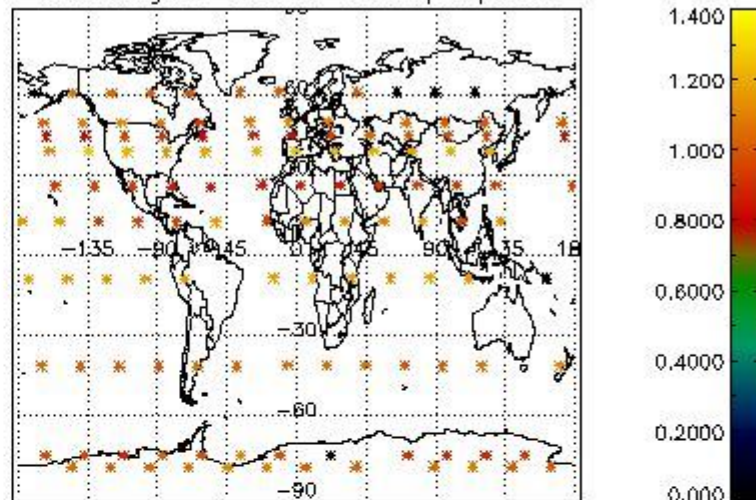
4.2 Plot quality information per product coming from level 1b processing (world map)

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

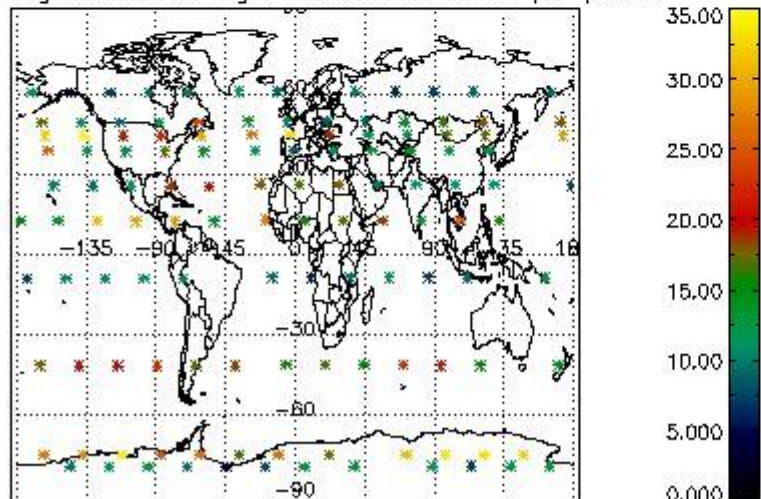
Percentage of cosmic ray hits per profile



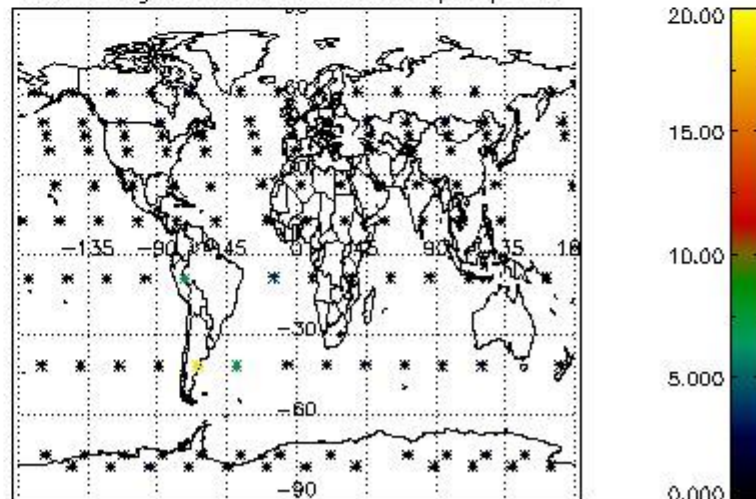
Percentage of datation errors per profile



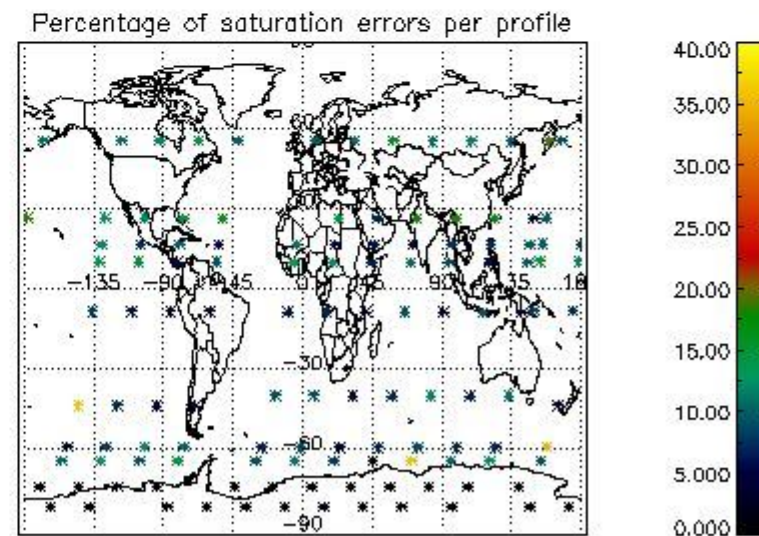
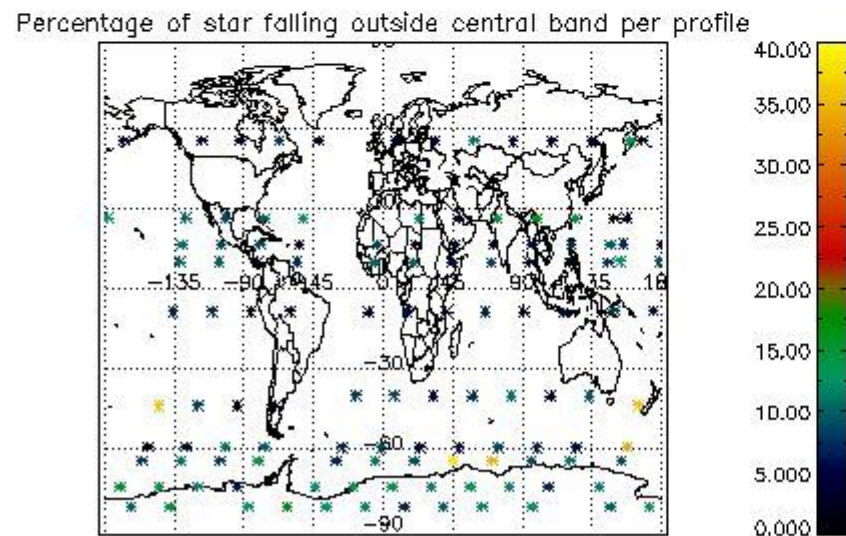
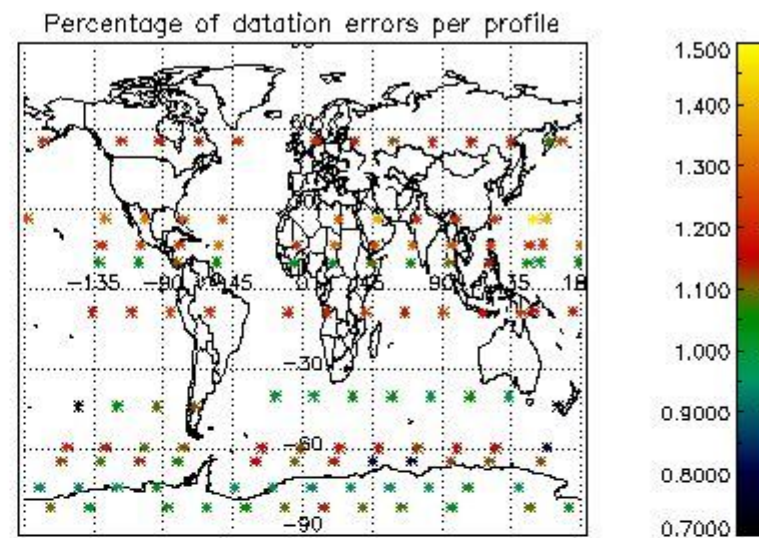
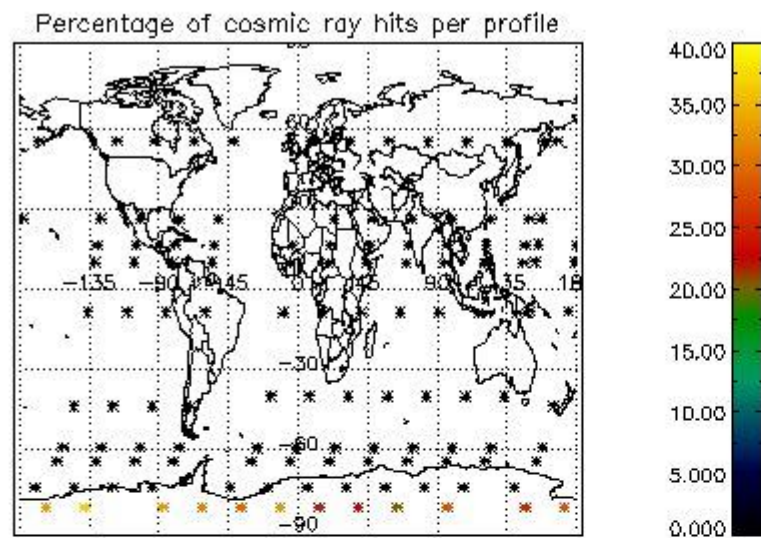
Percentage of star falling outside central band per profile



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

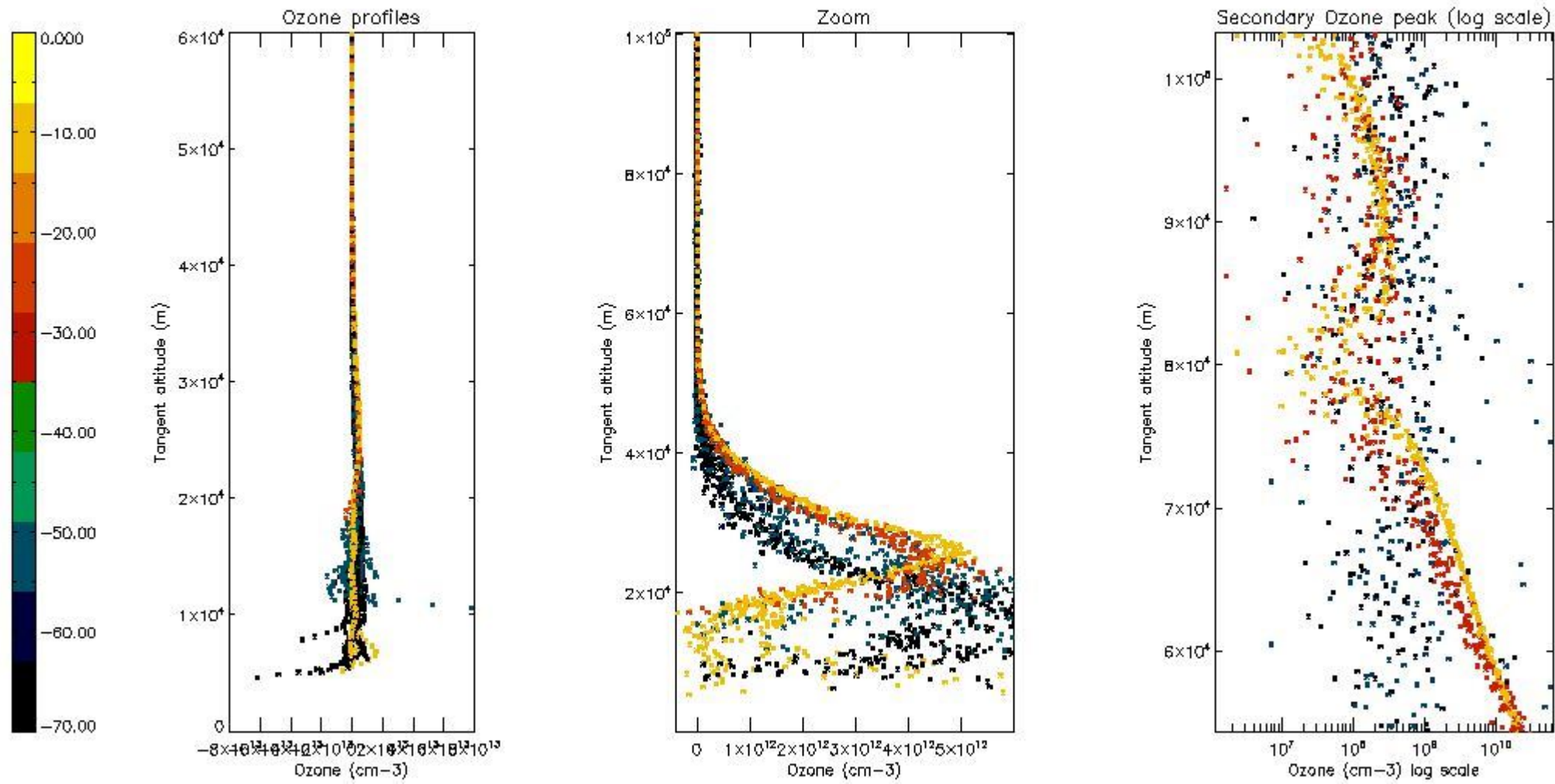
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	4
STD < 5	3

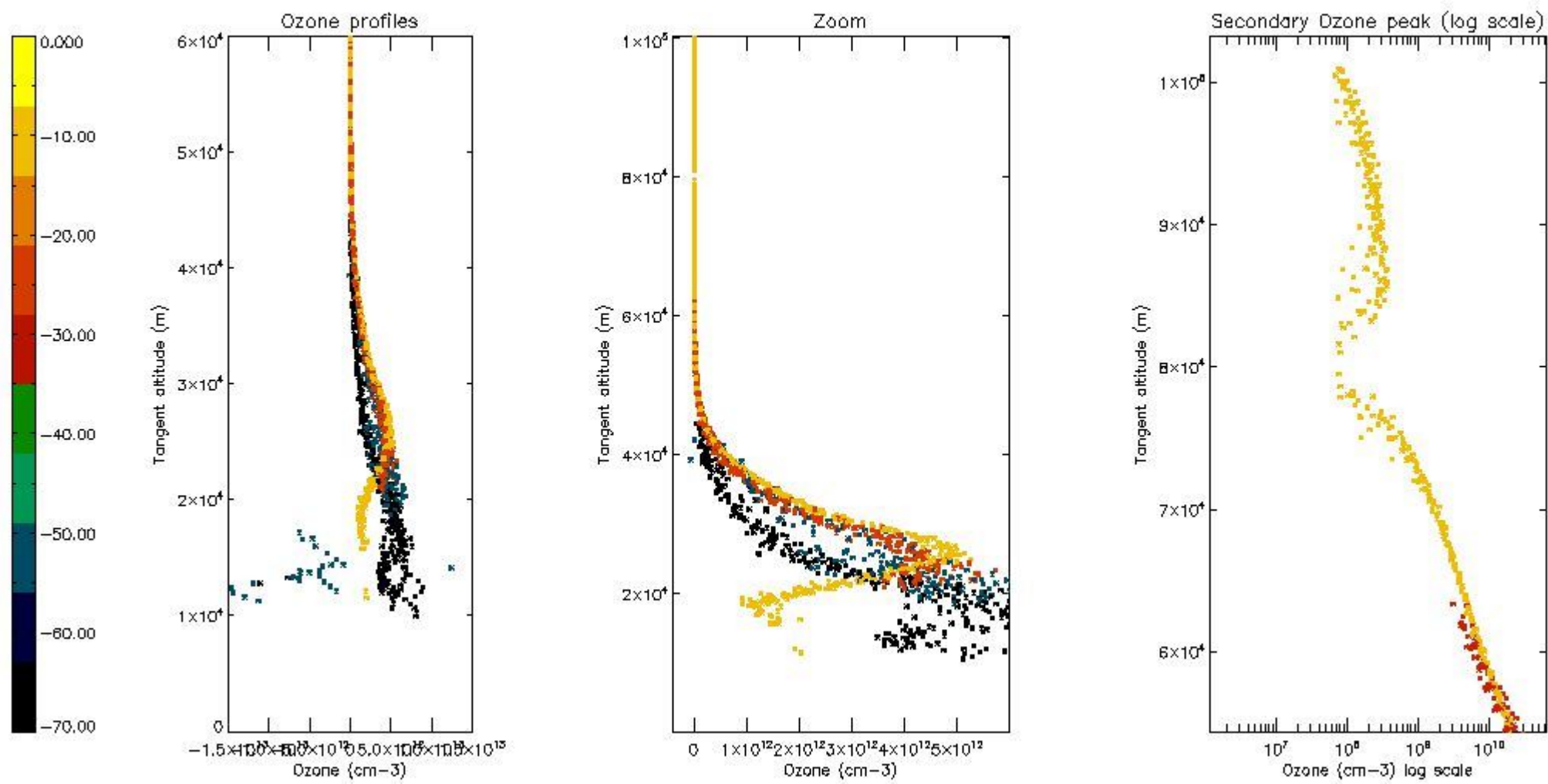
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



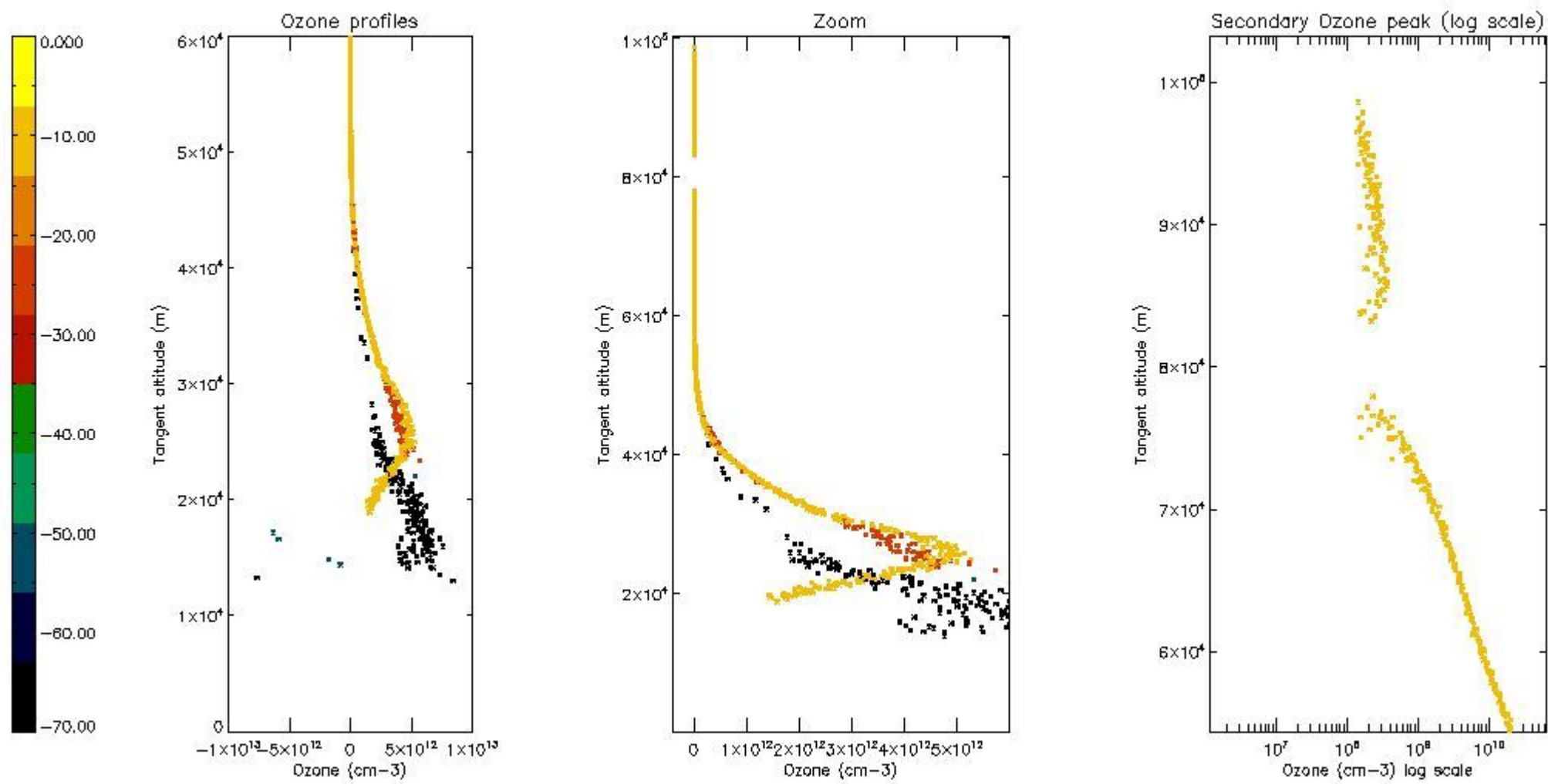
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



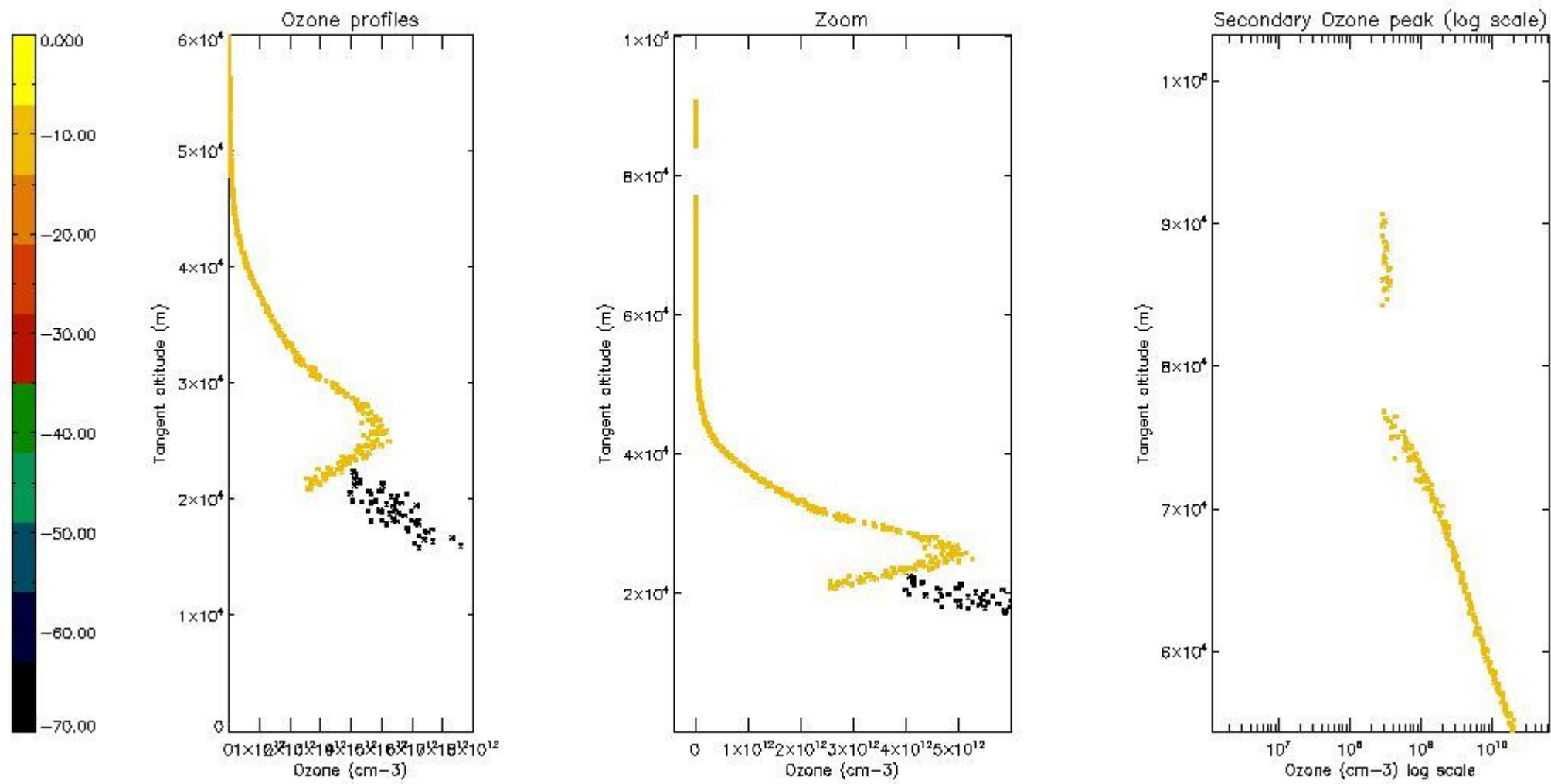
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



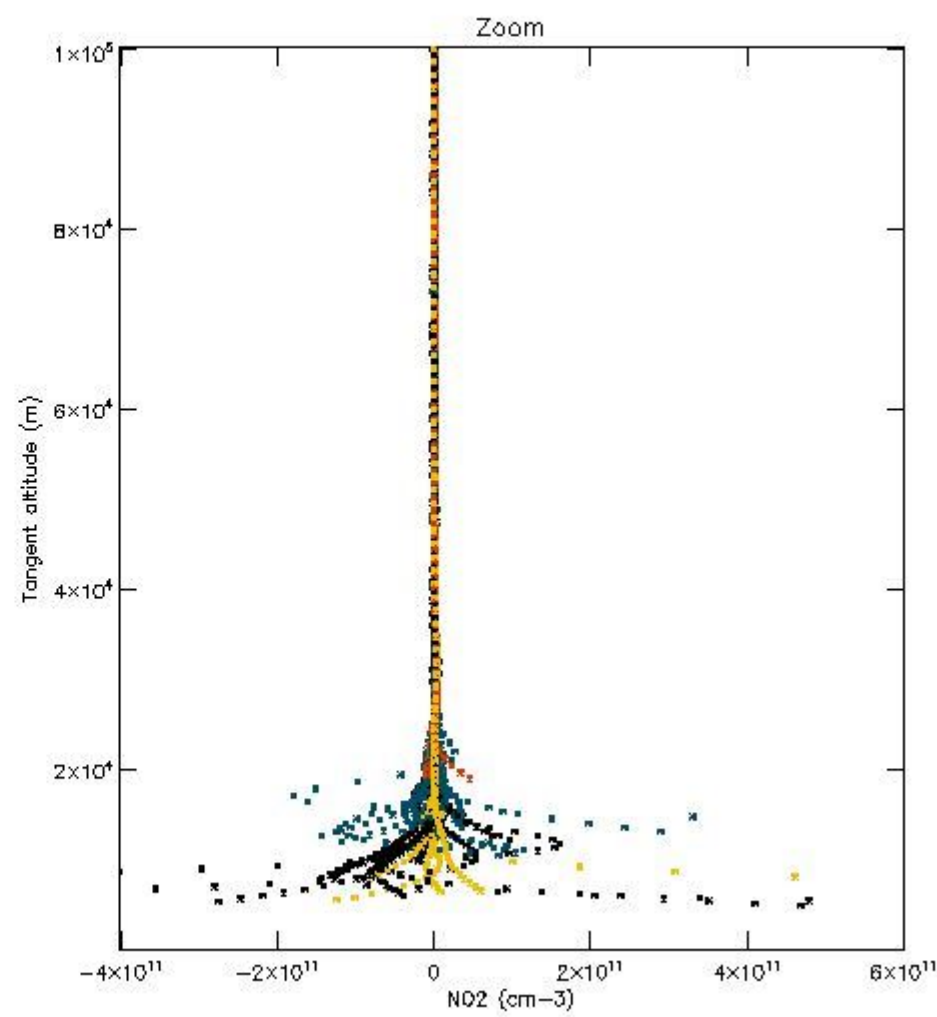
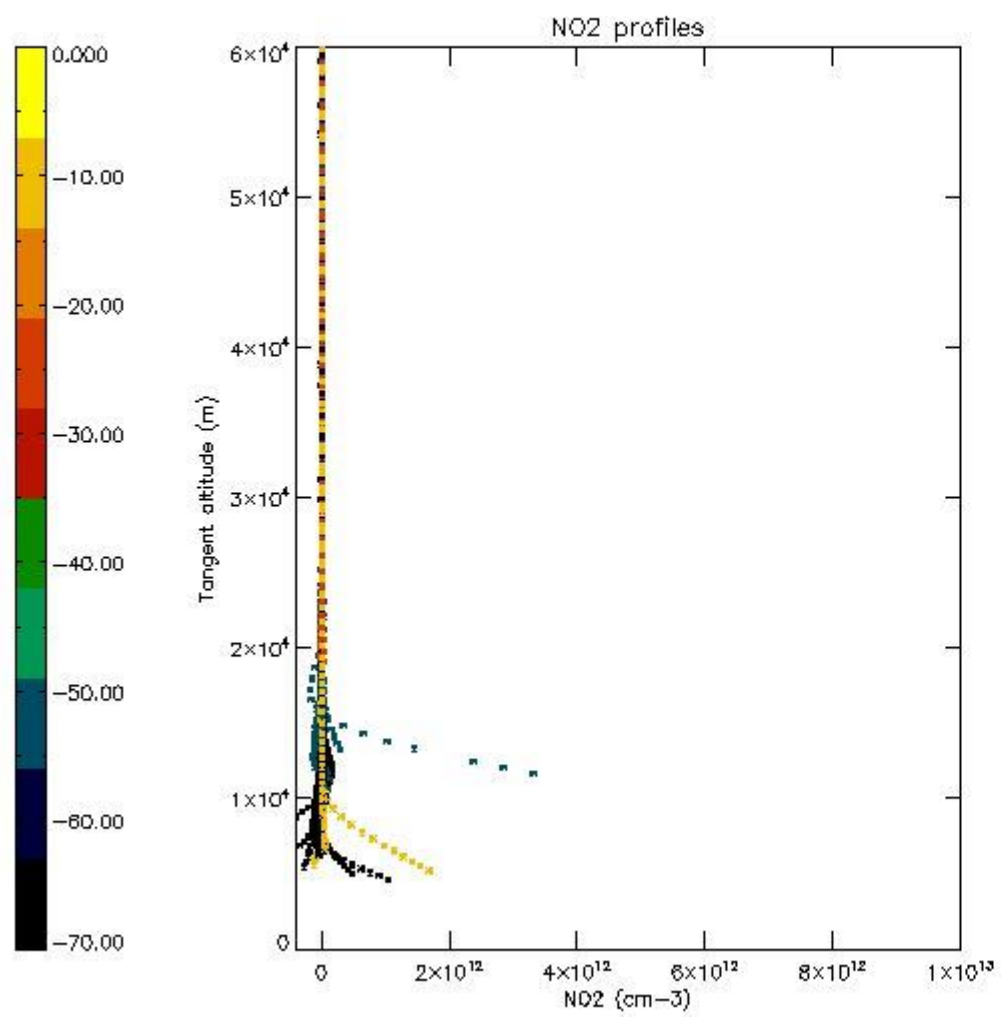
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



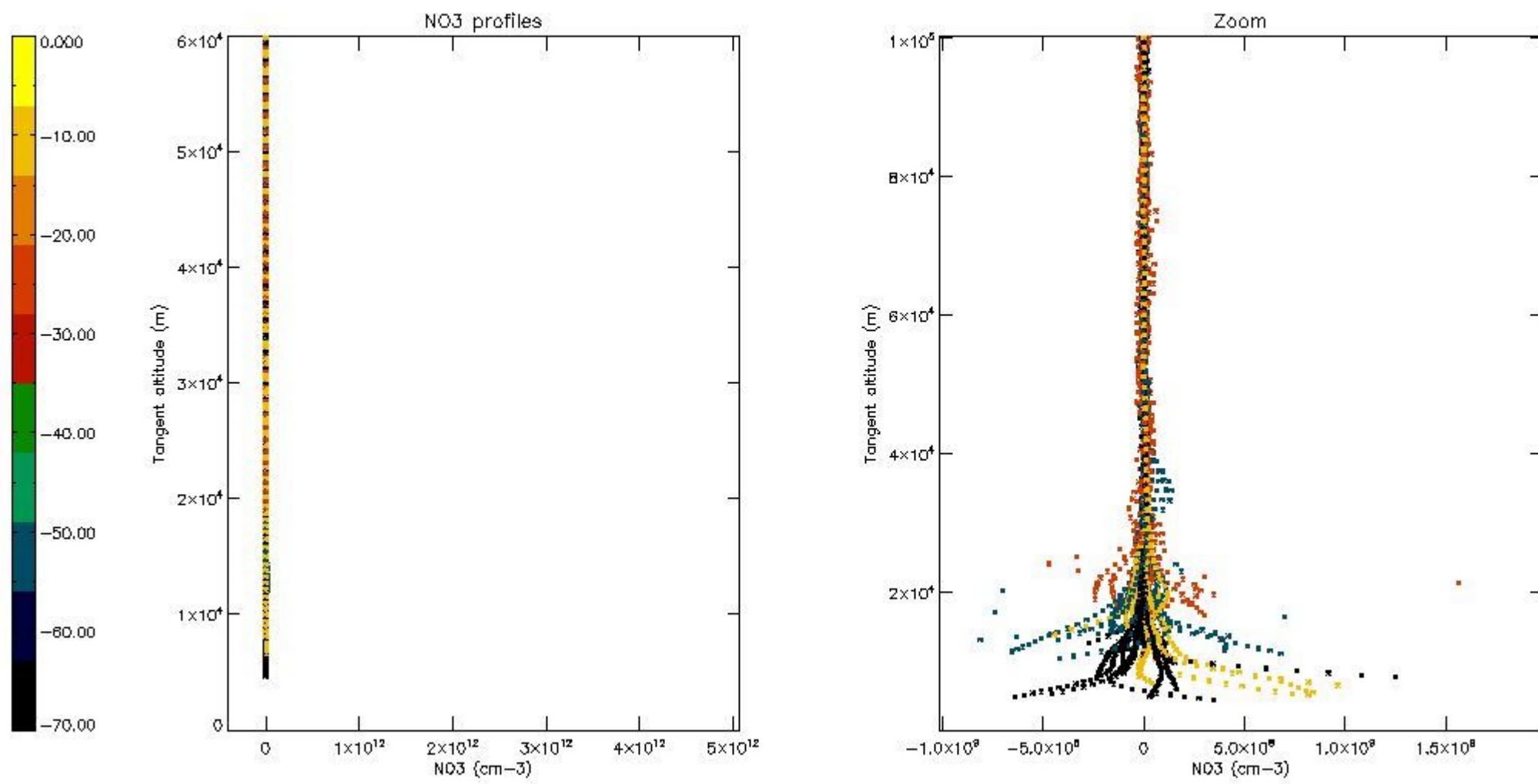
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



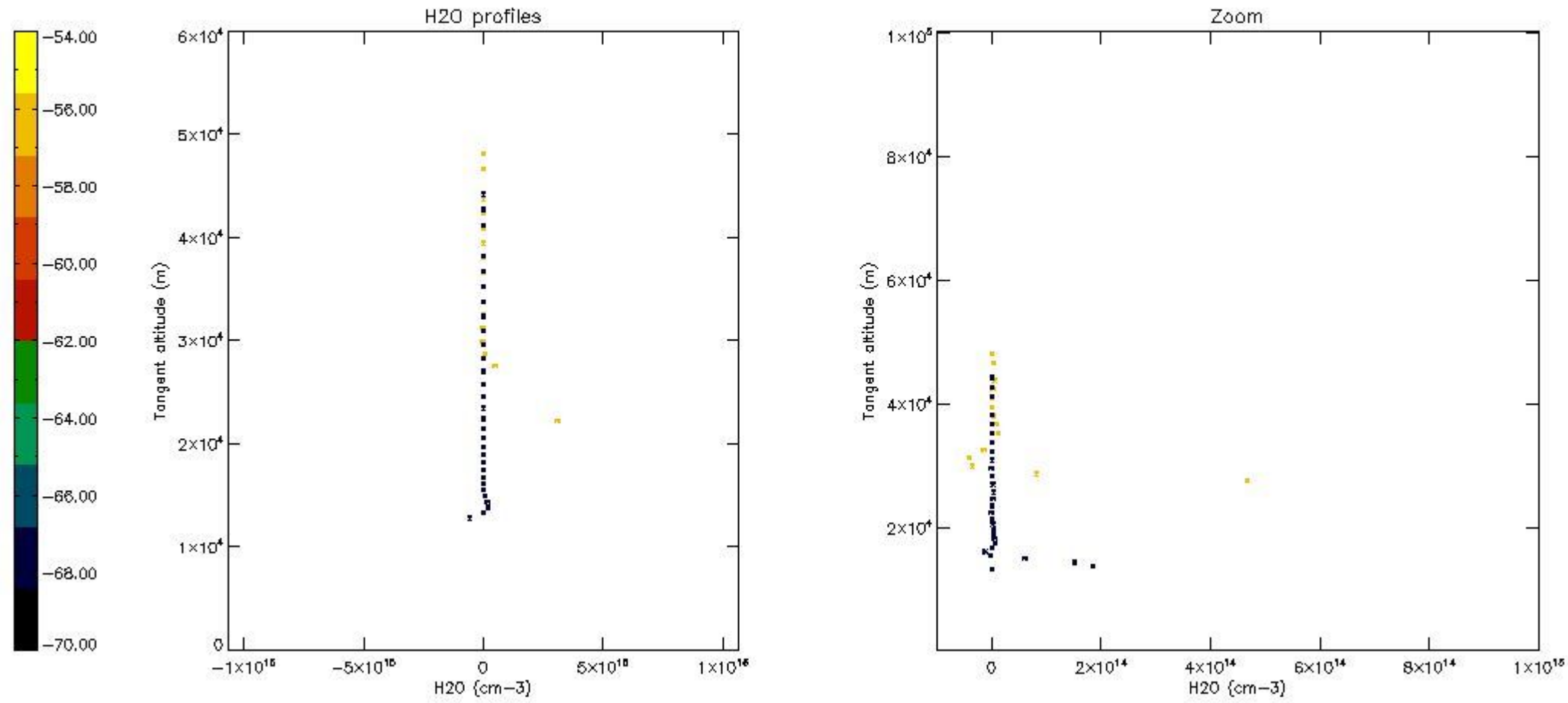
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

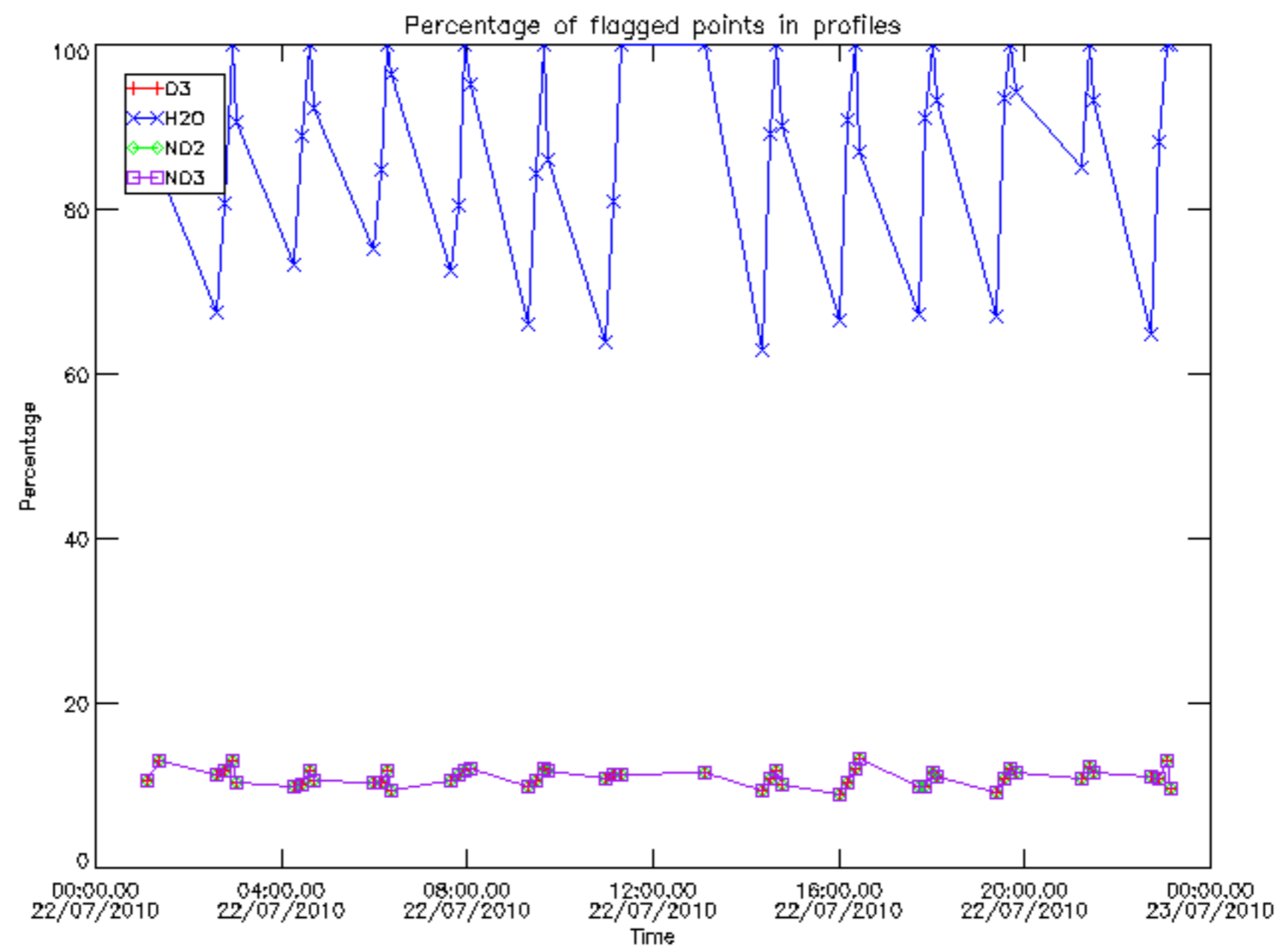
The colorbar represents the latitude.



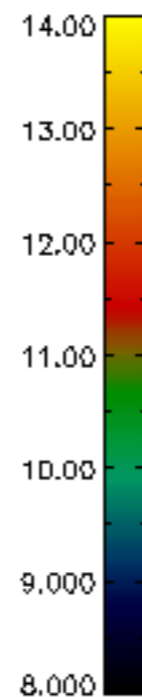
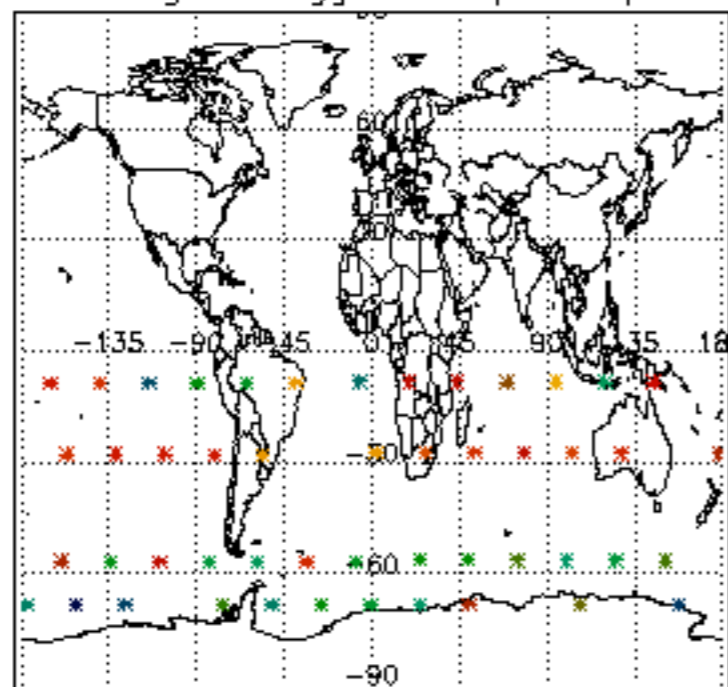
6. Auxiliary Data Files used for the production reported in section 2

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.

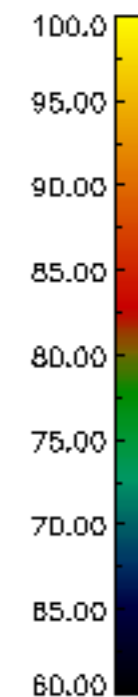
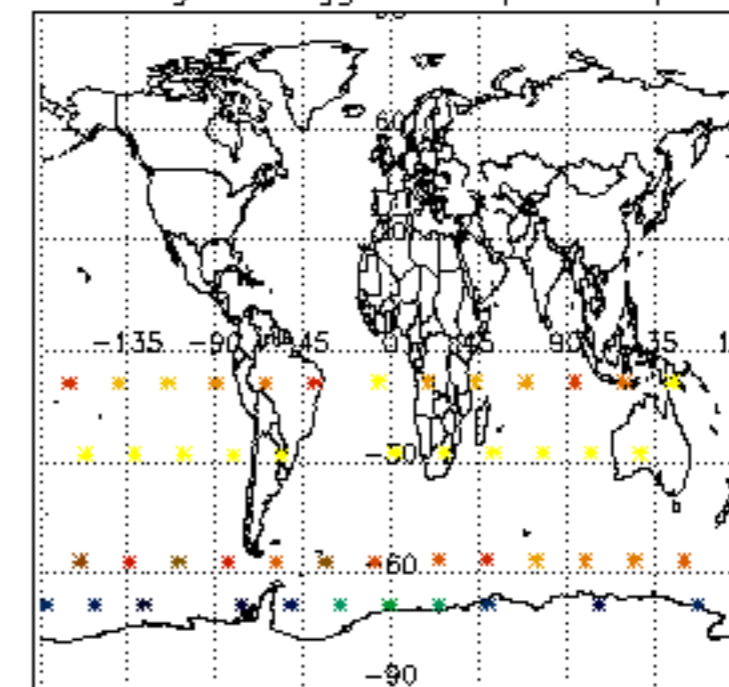
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	22-JUL-2010 00:11:45
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	22-JUL-2010 00:11:45
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	22-JUL-2010 00:11:45



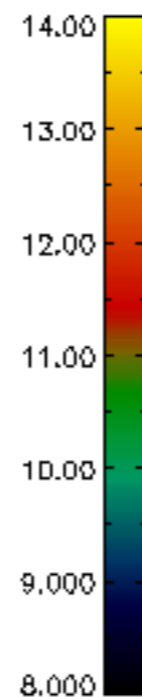
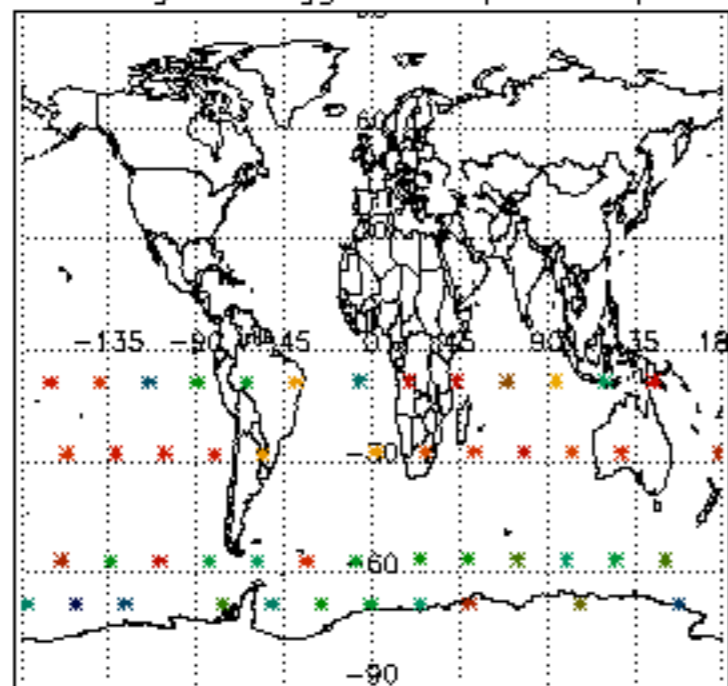
Percentage of flagged data per D3 profile



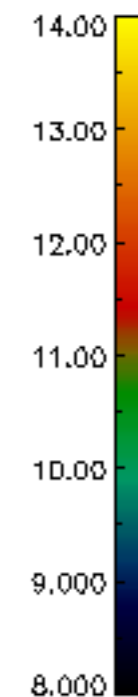
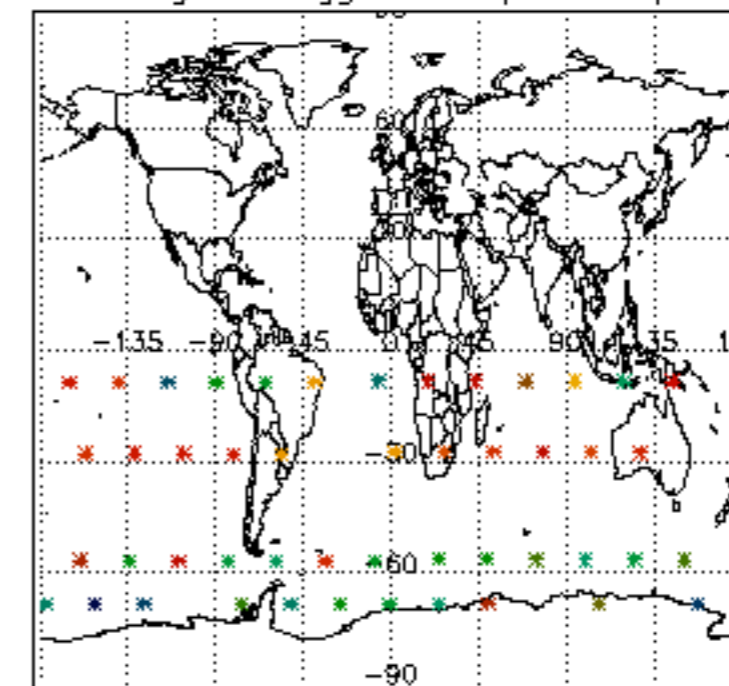
Percentage of flagged data per H2O profile

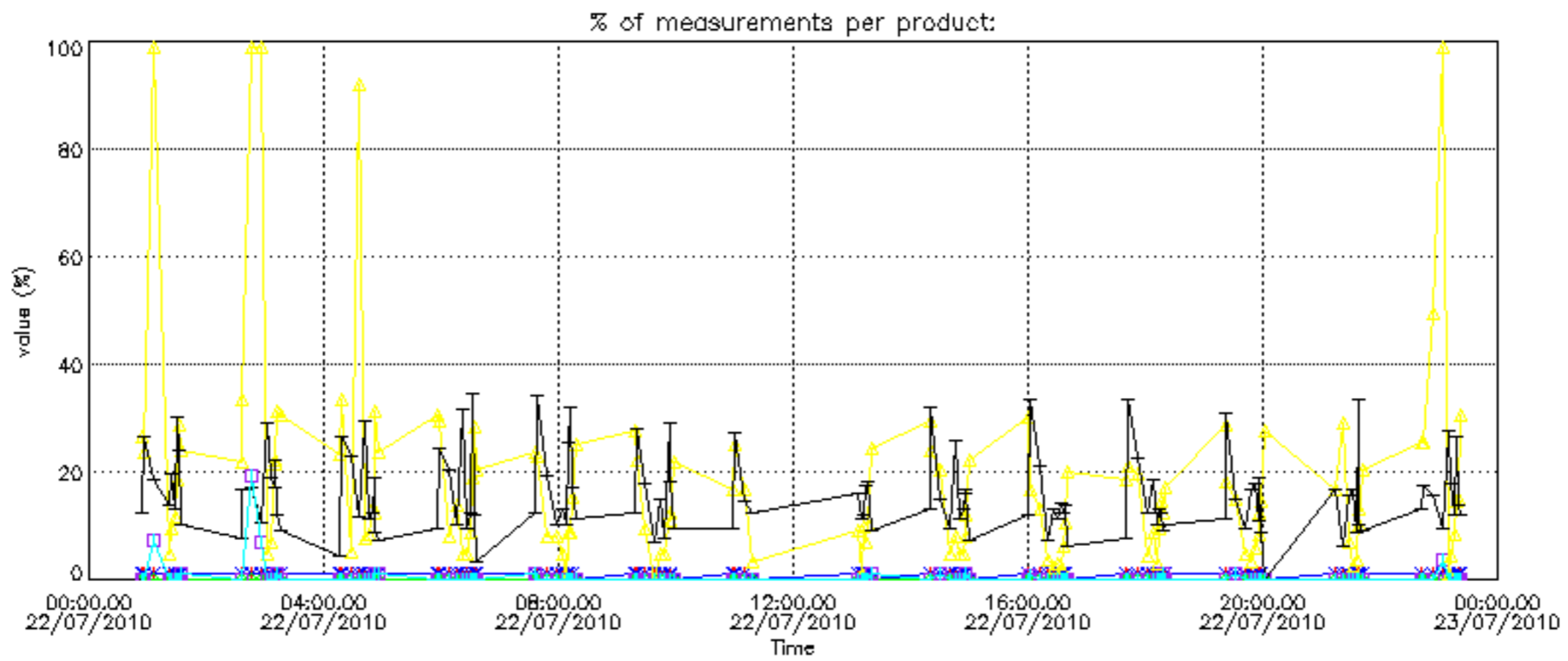
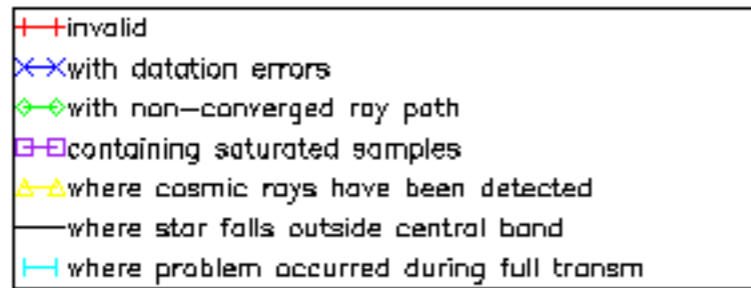


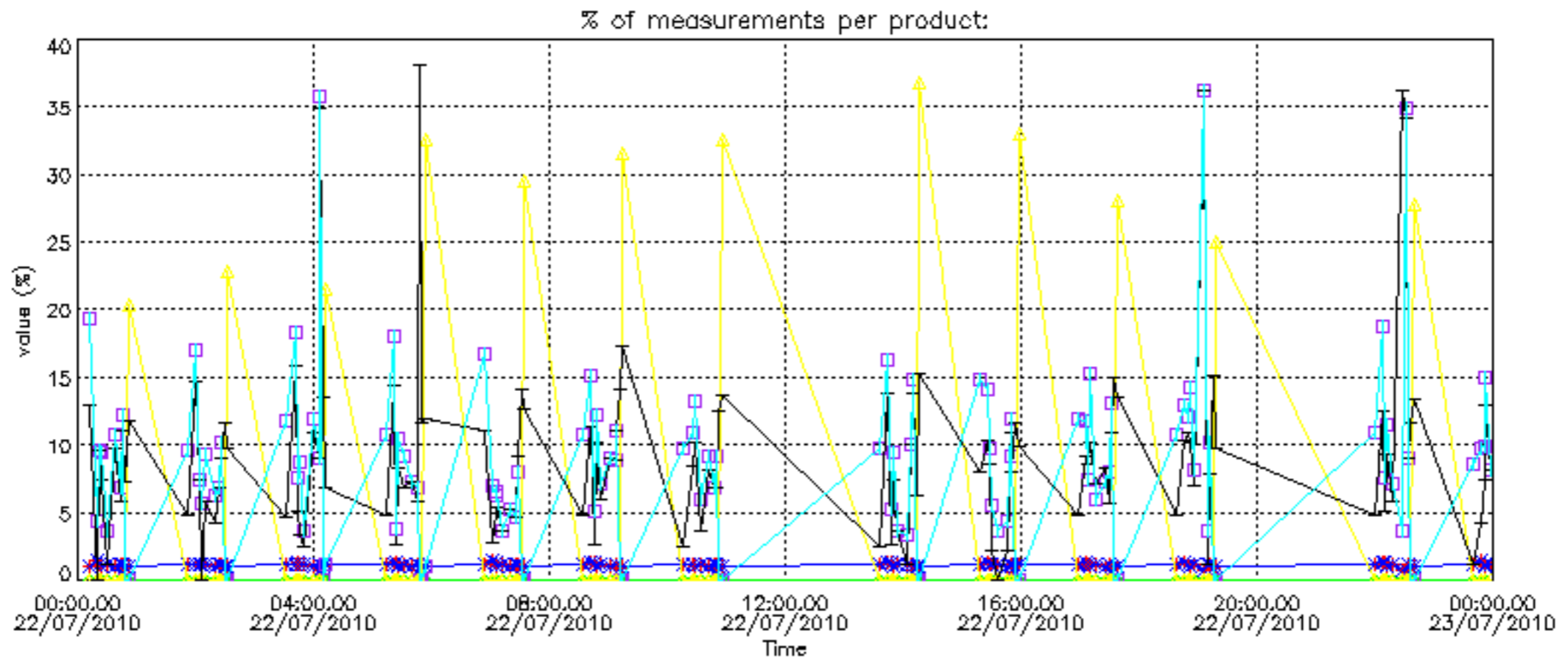
Percentage of flagged data per NO2 profile



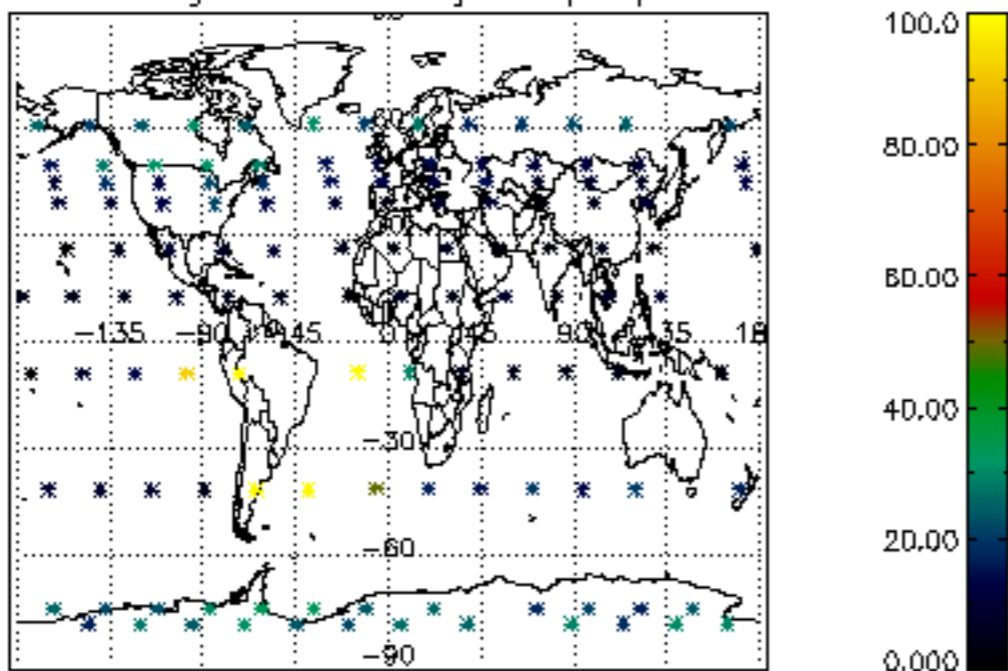
Percentage of flagged data per NO3 profile



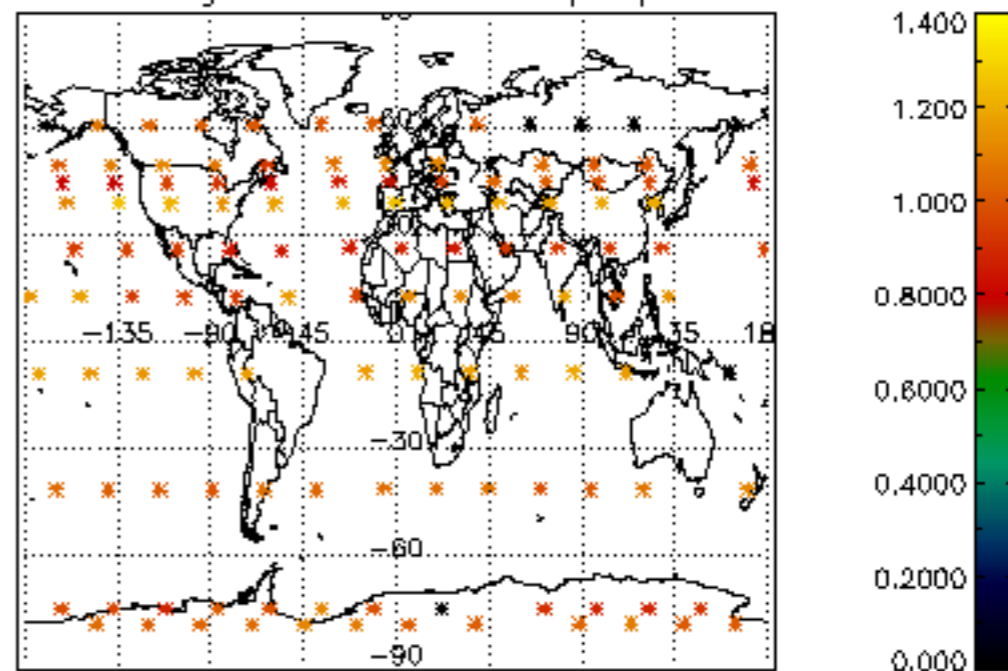




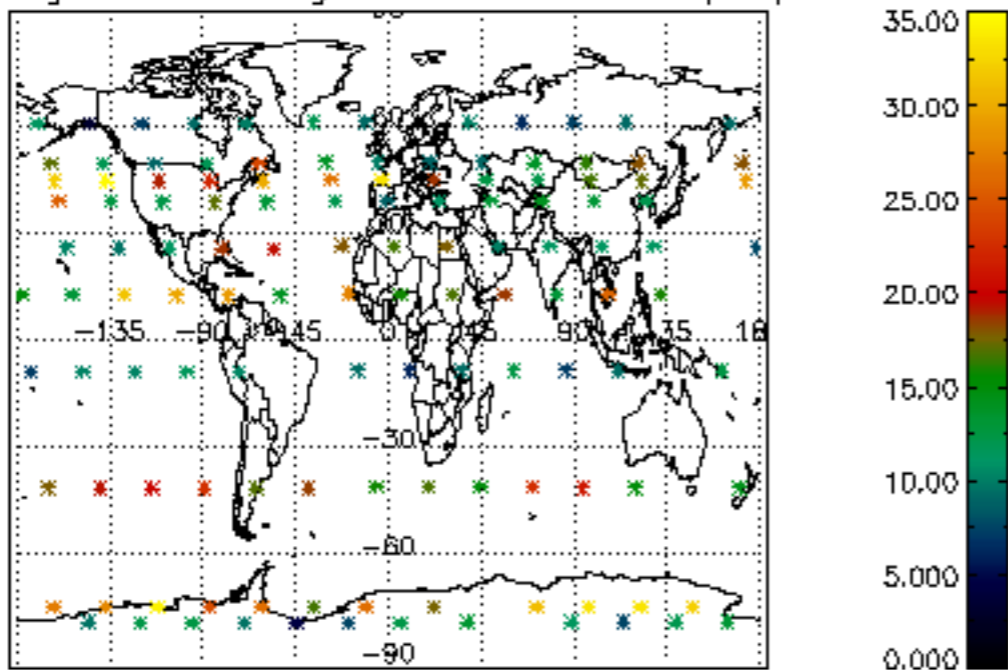
Percentage of cosmic ray hits per profile



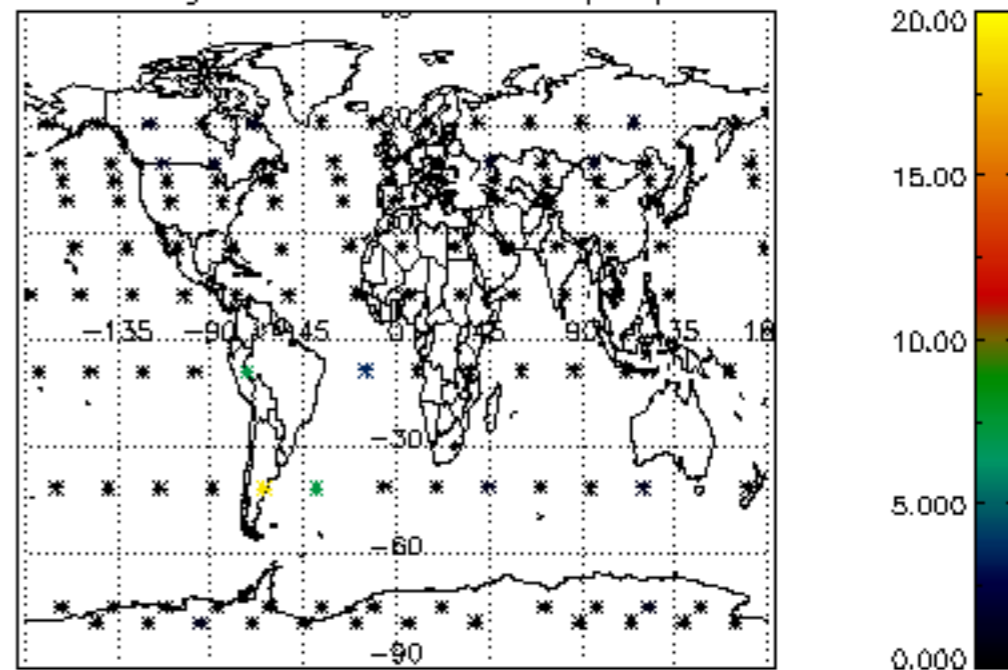
Percentage of datation errors per profile



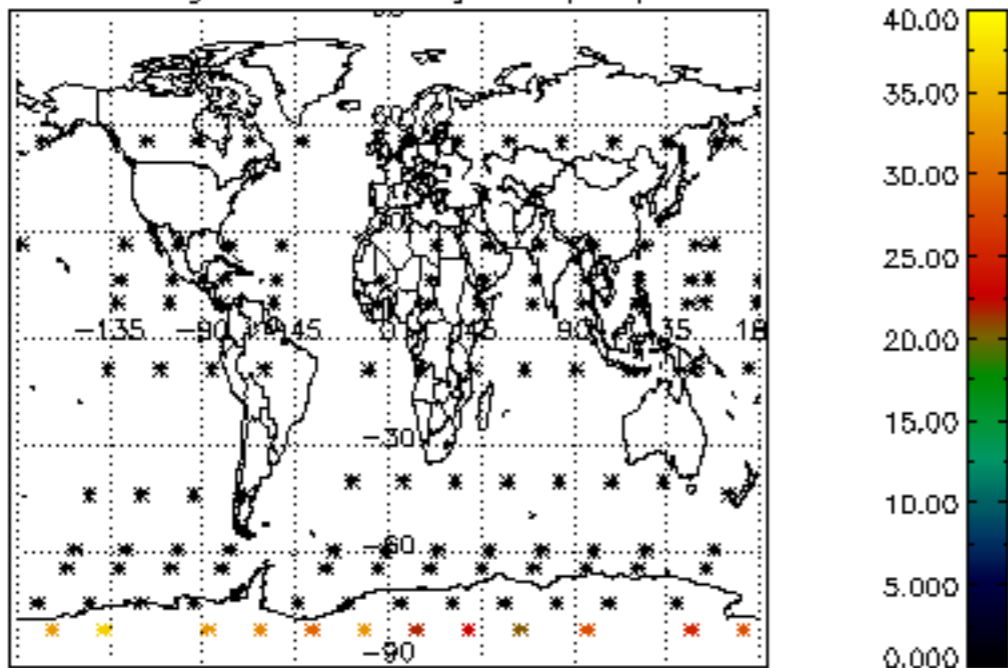
Percentage of star falling outside central band per profile



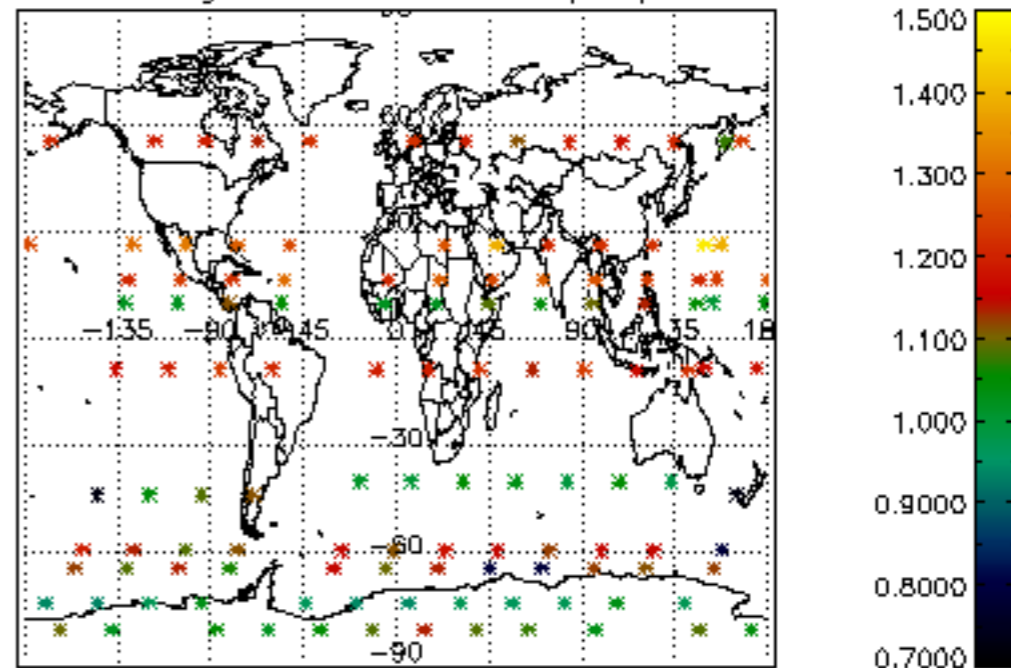
Percentage of saturation errors per profile



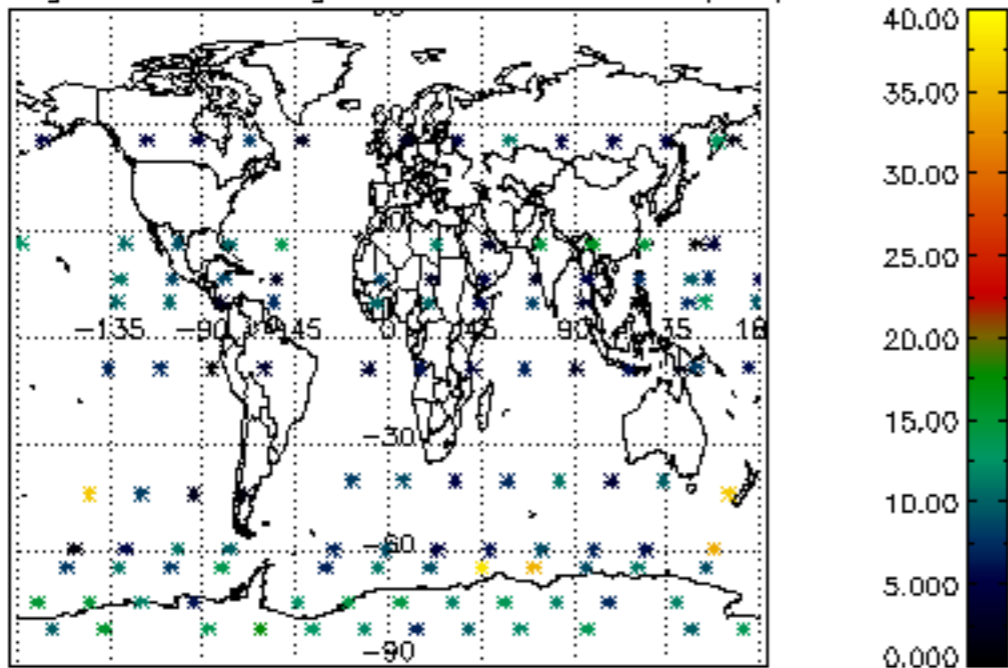
Percentage of cosmic ray hits per profile



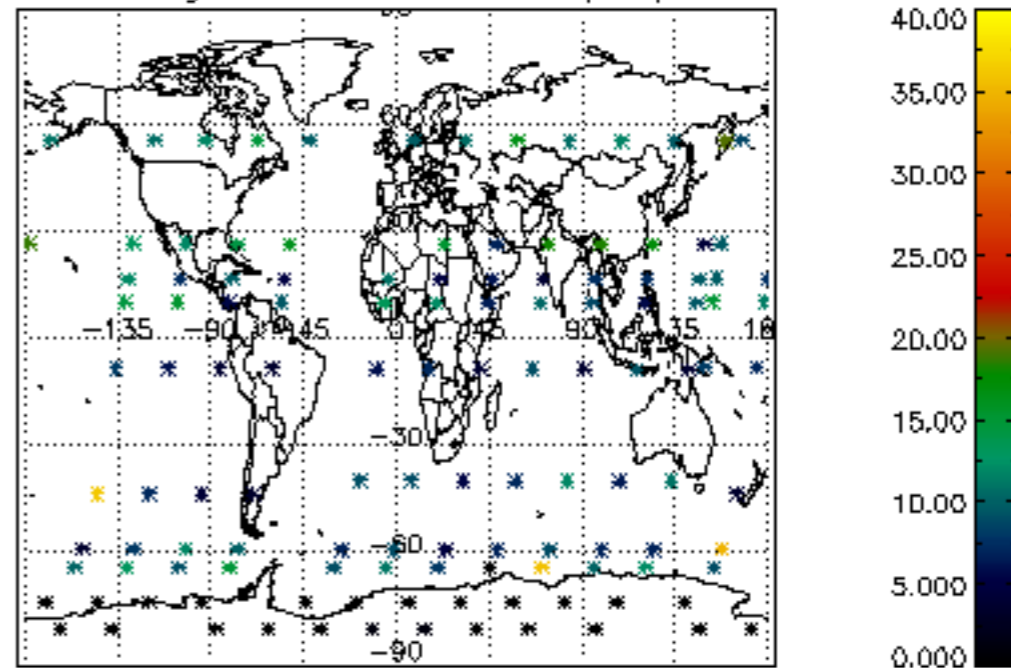
Percentage of datation errors per profile

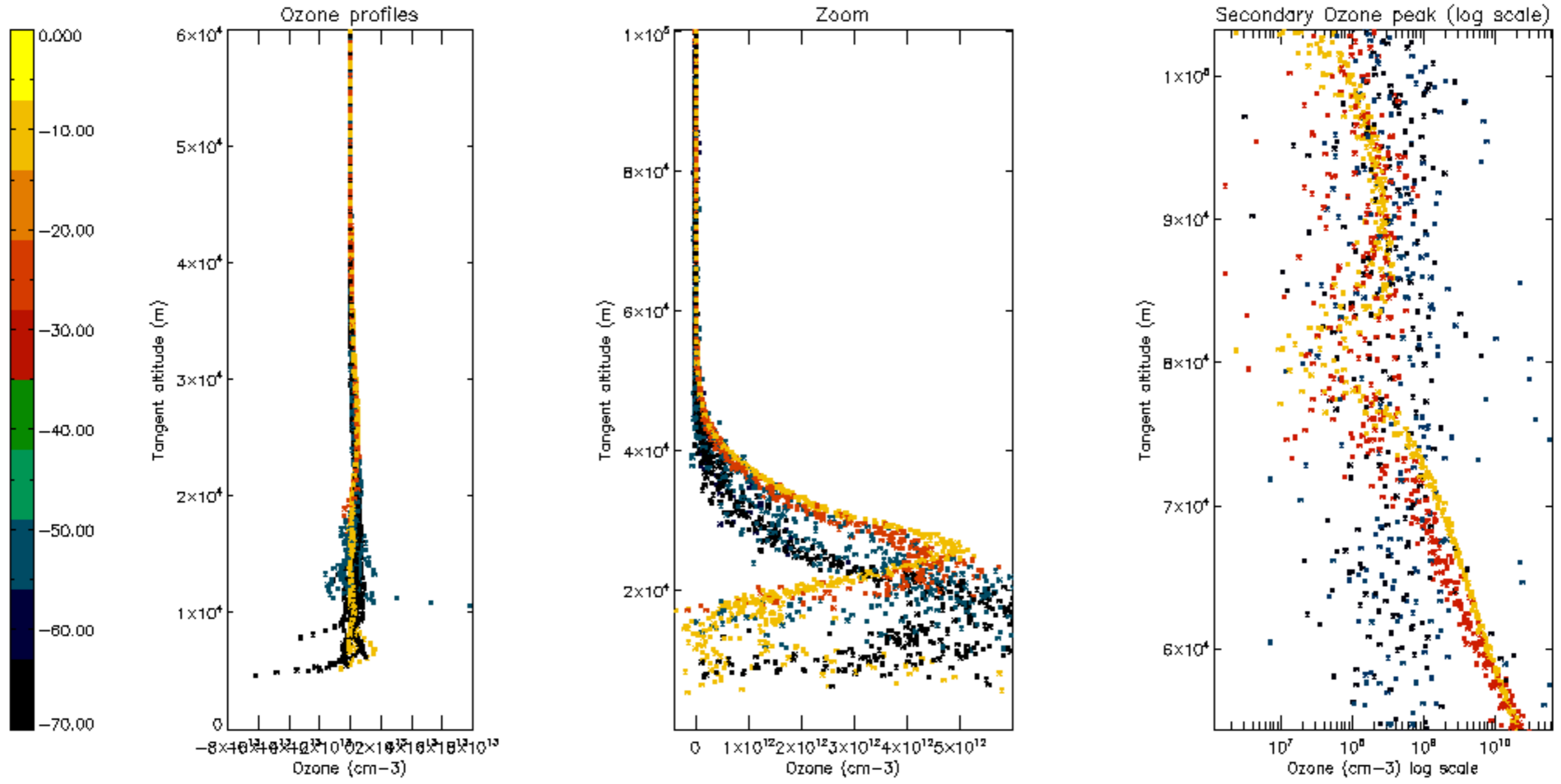


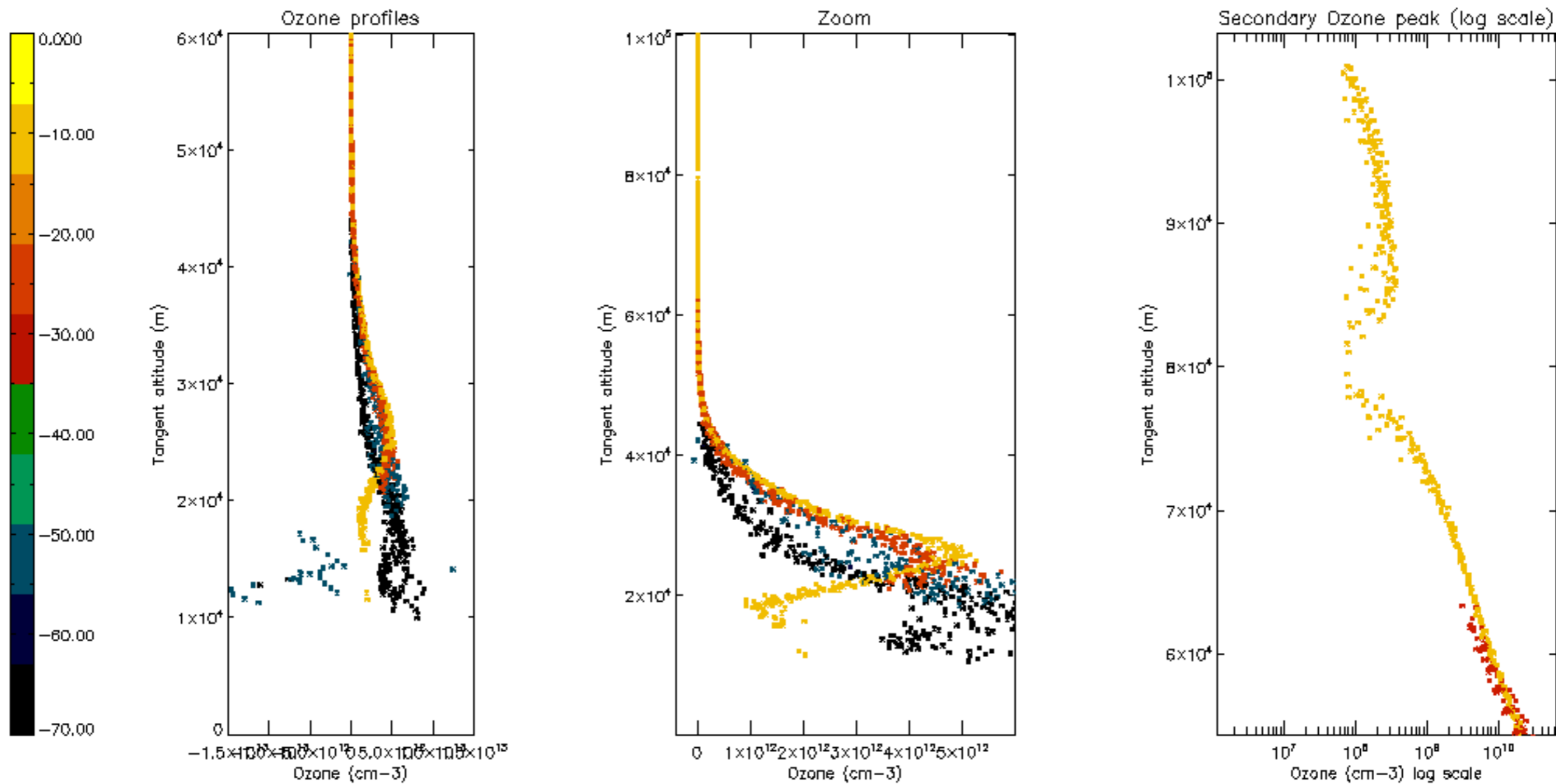
Percentage of star falling outside central band per profile

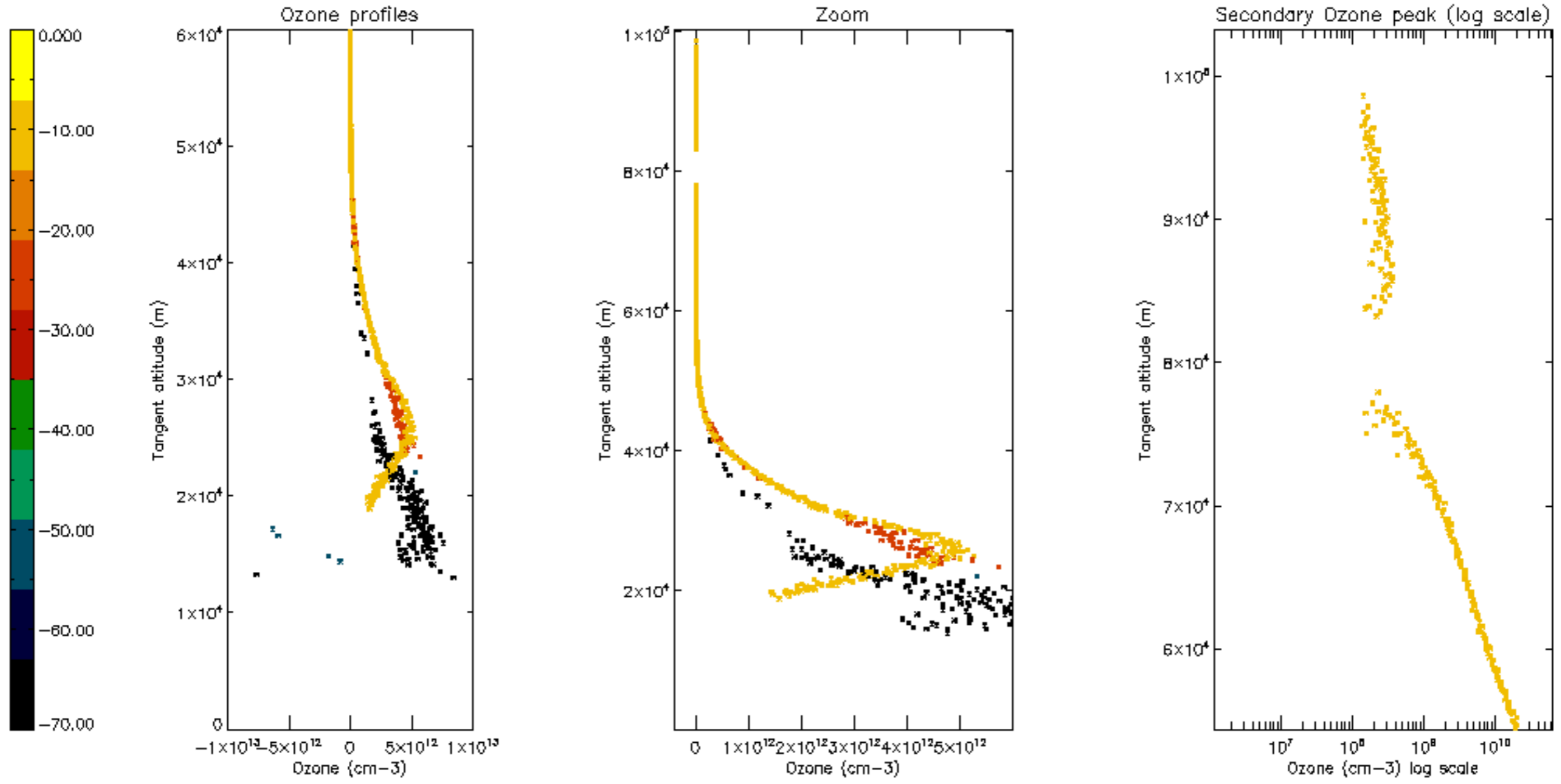


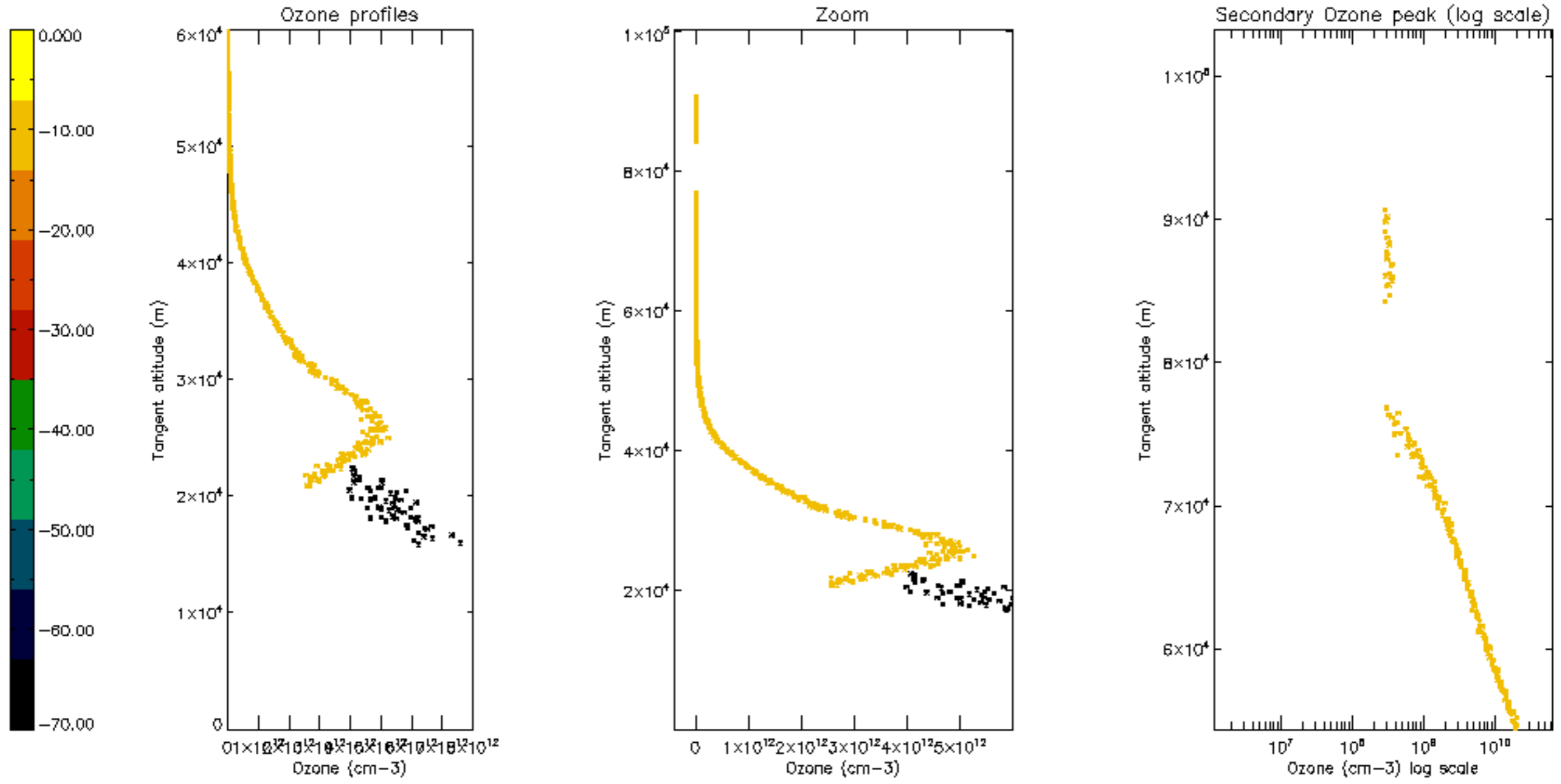
Percentage of saturation errors per profile

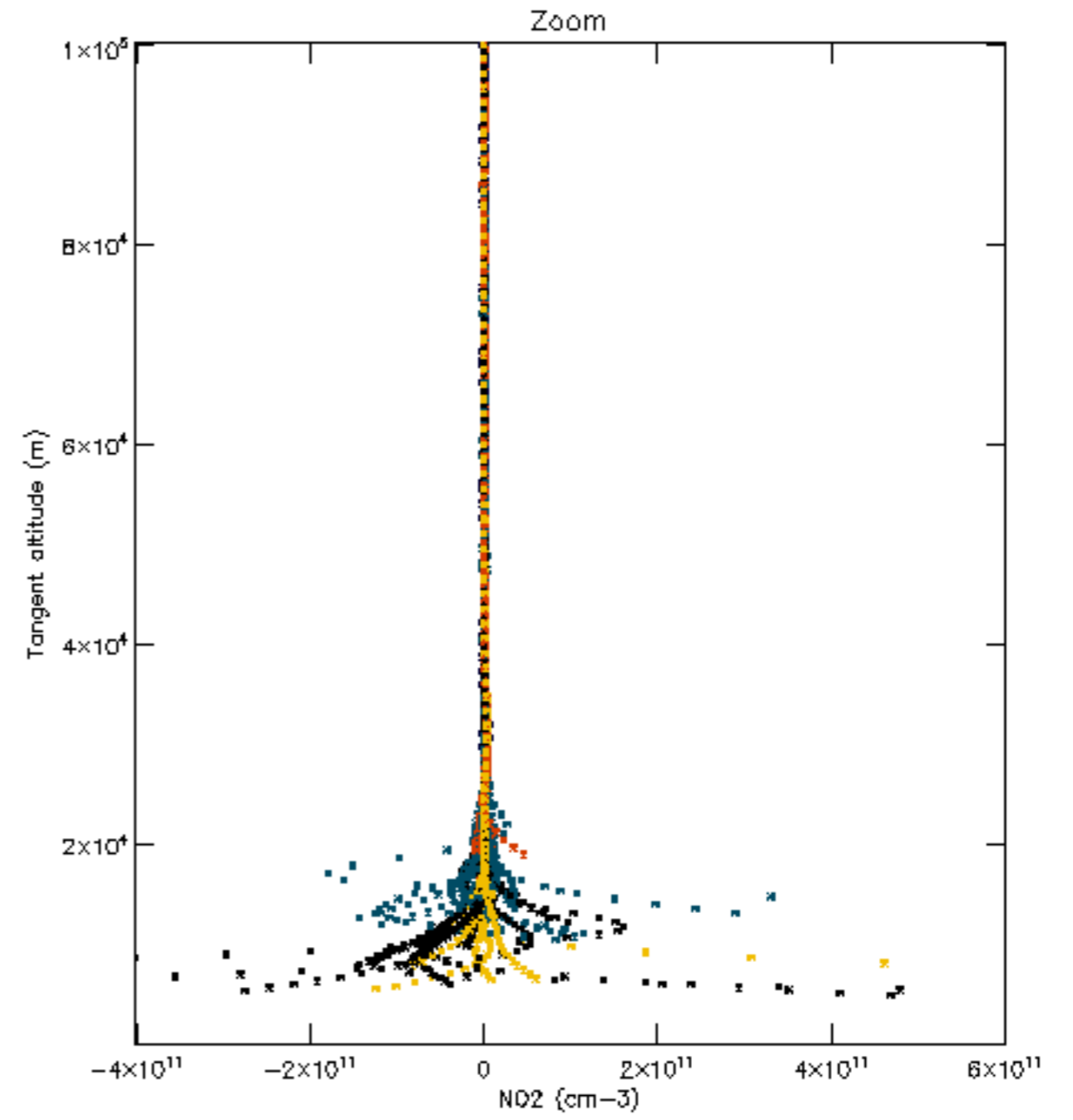
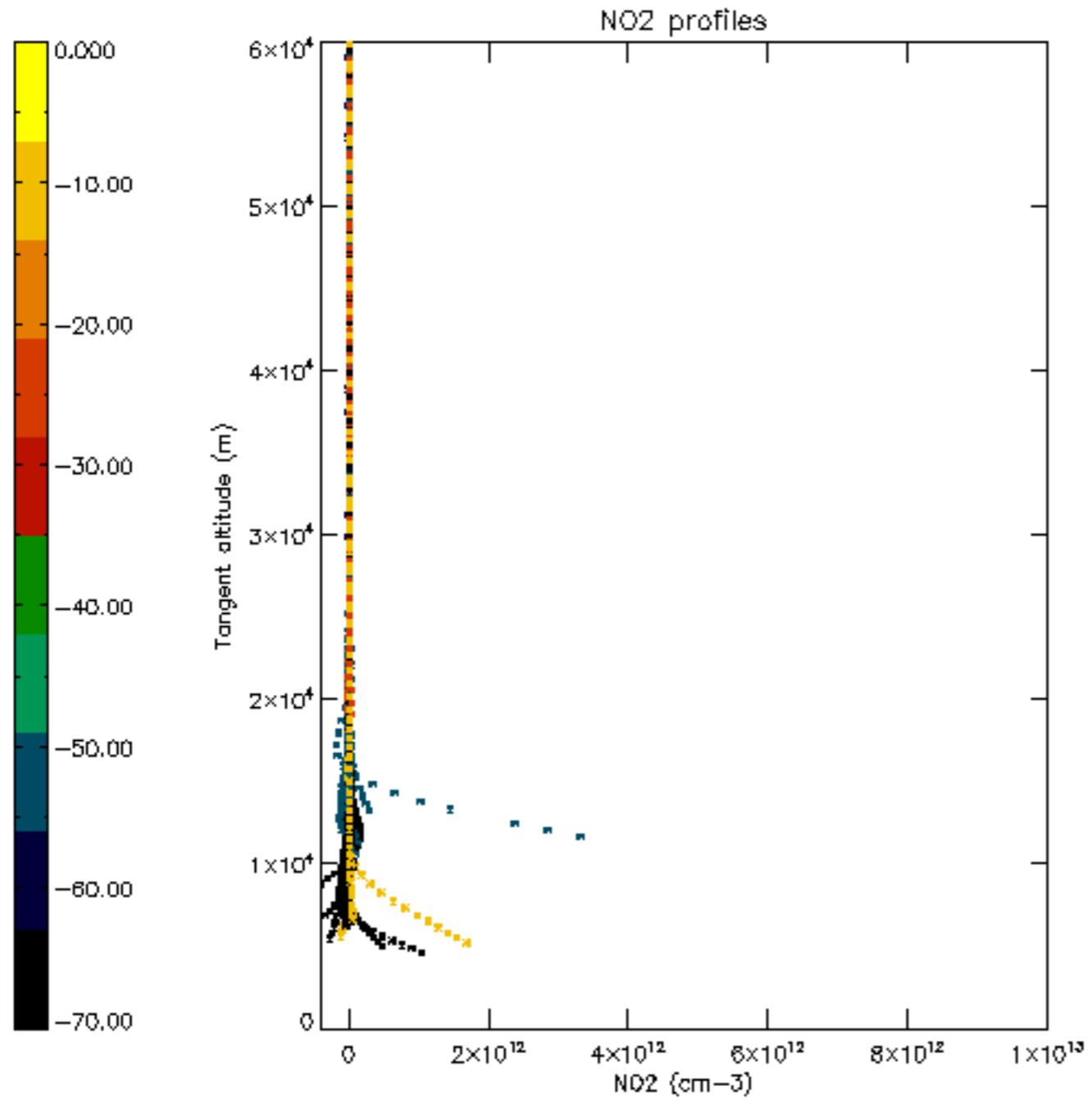


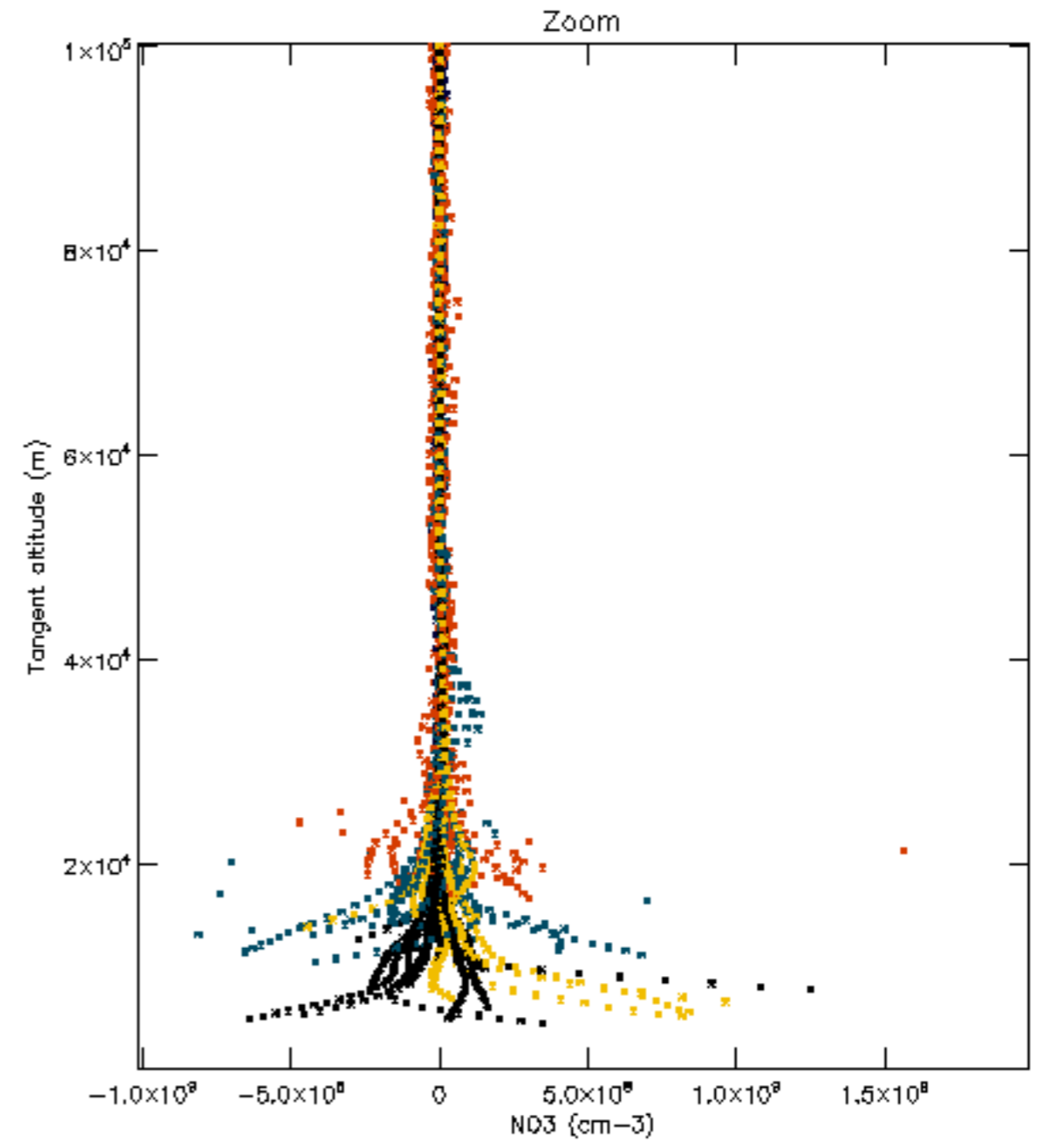
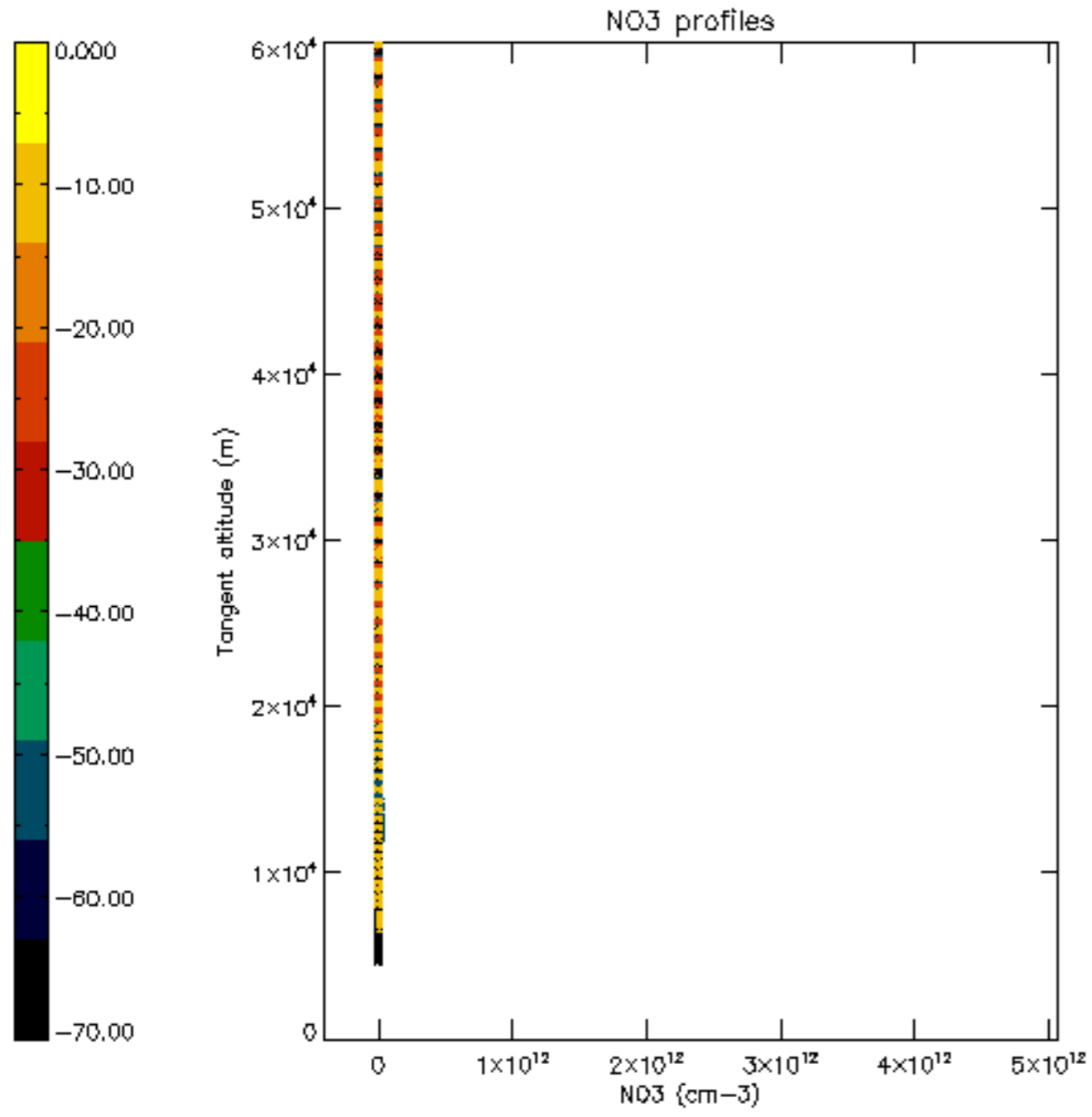


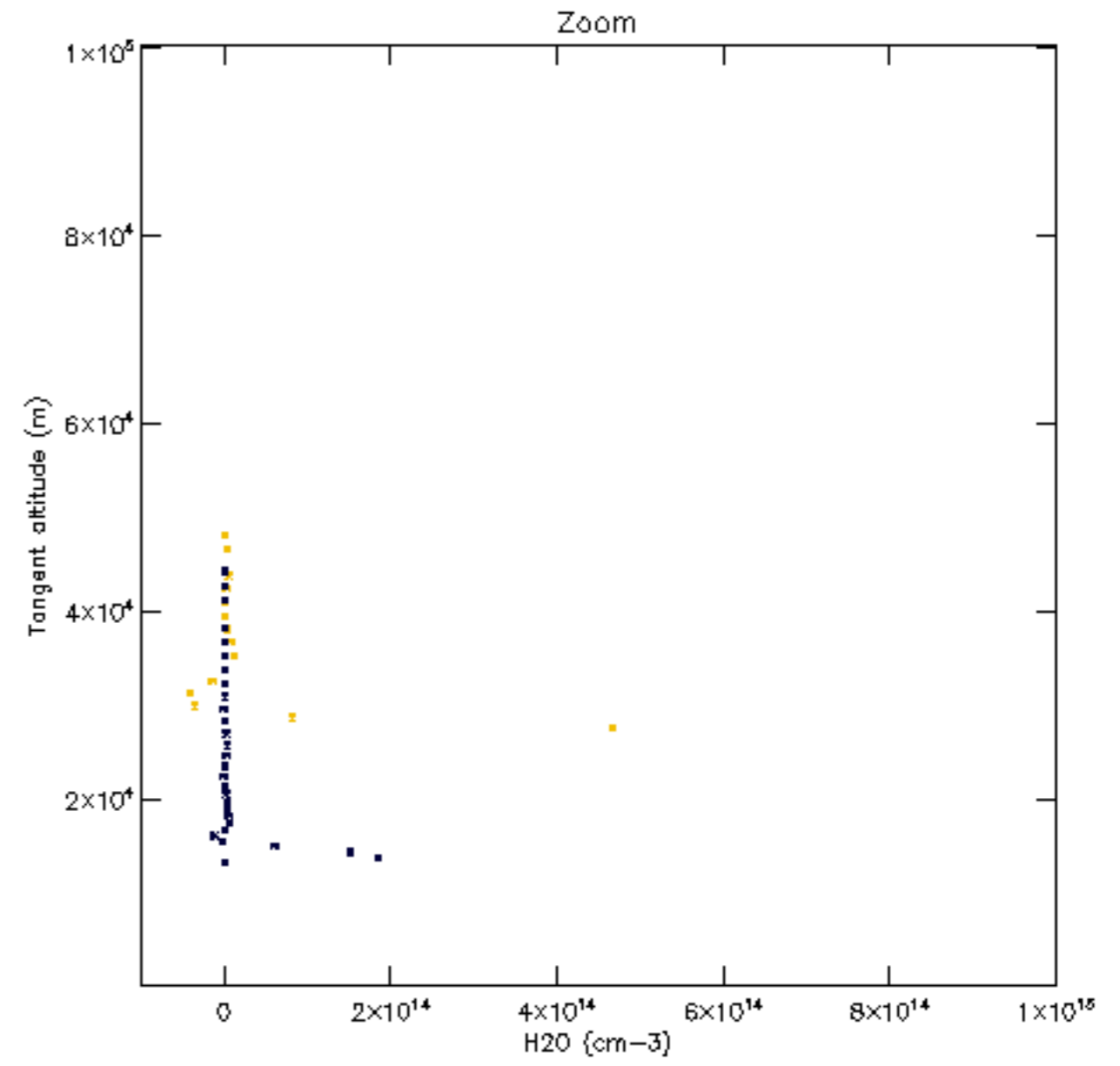
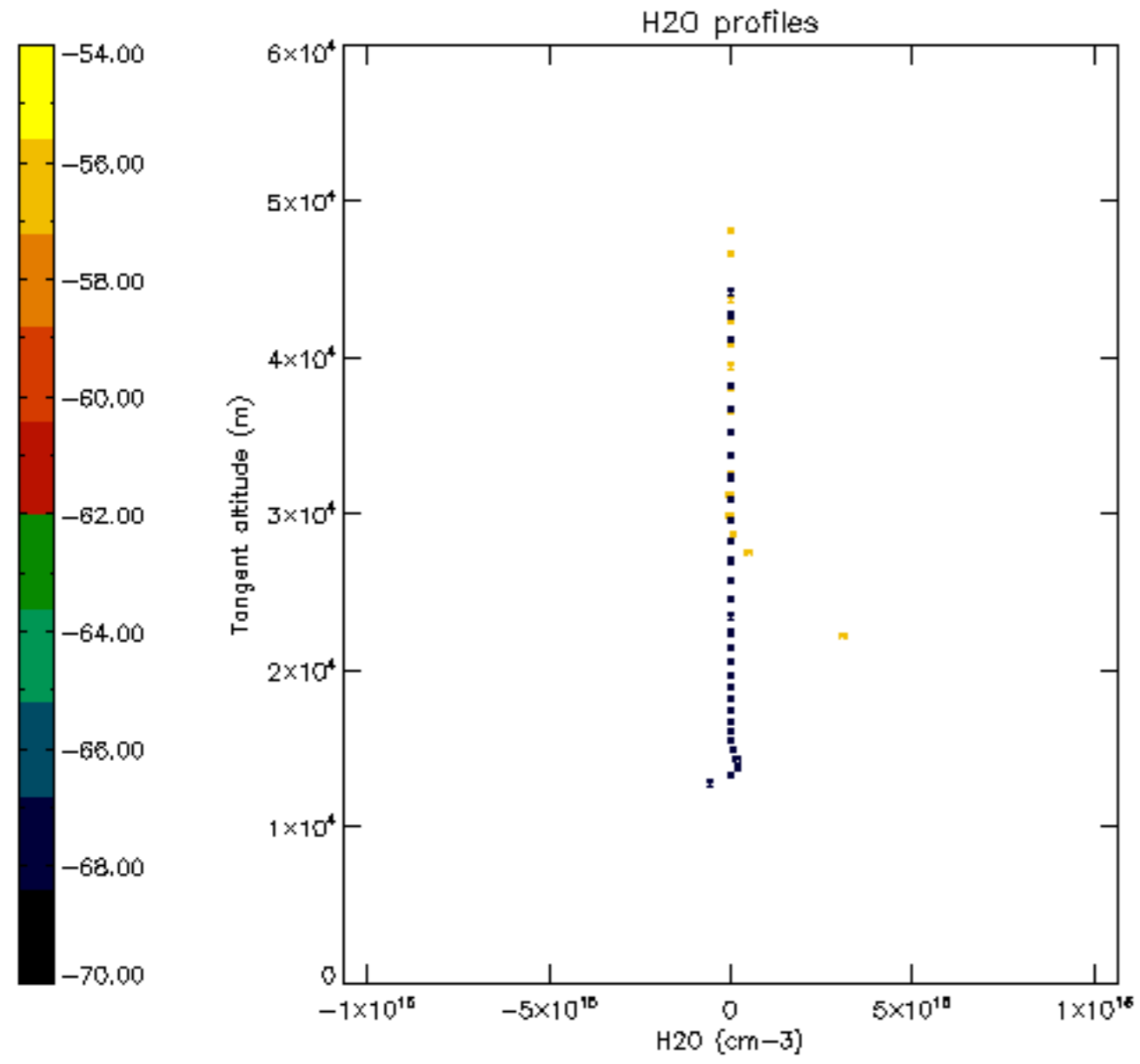


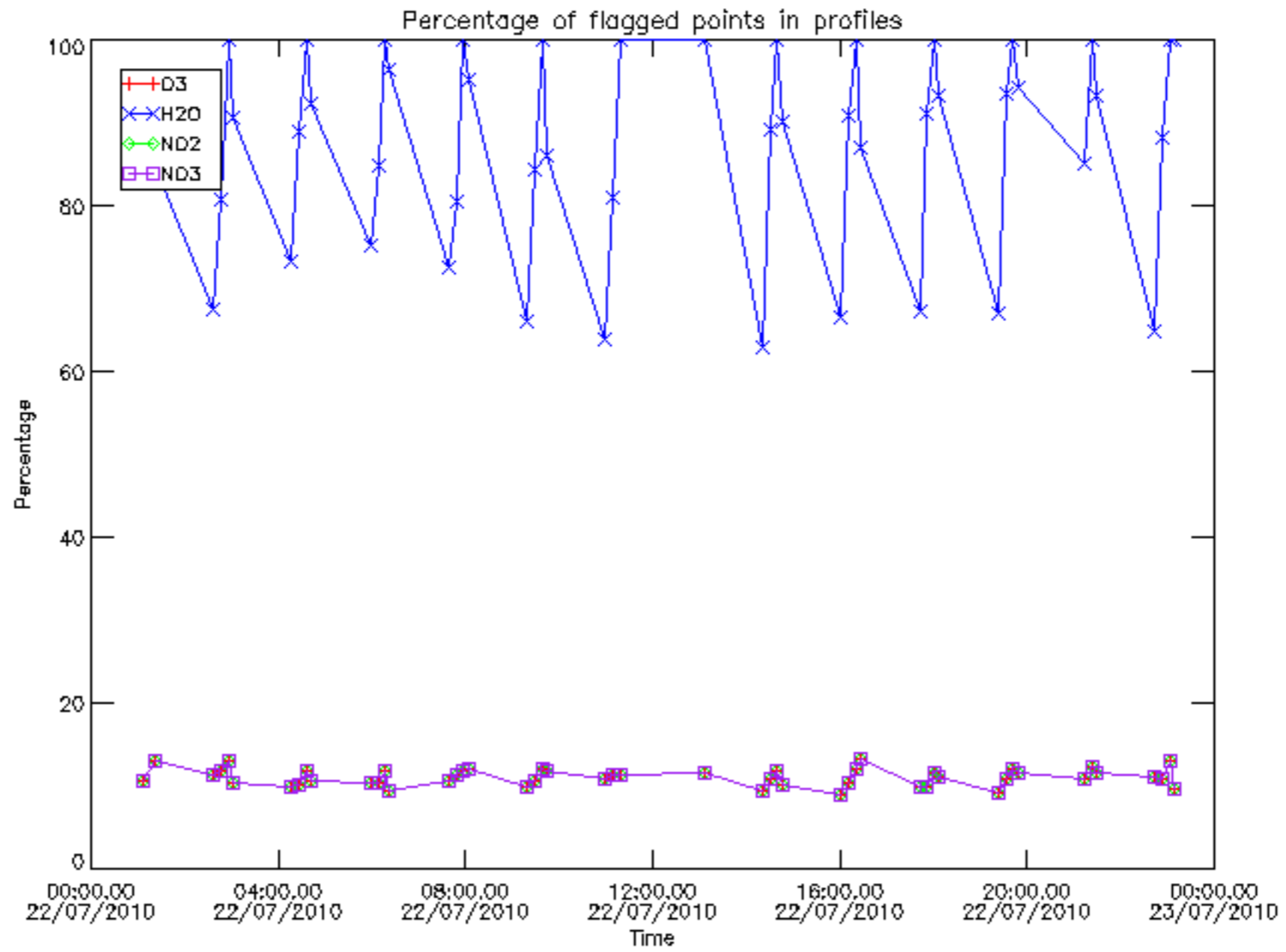




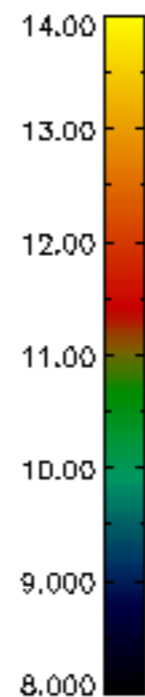
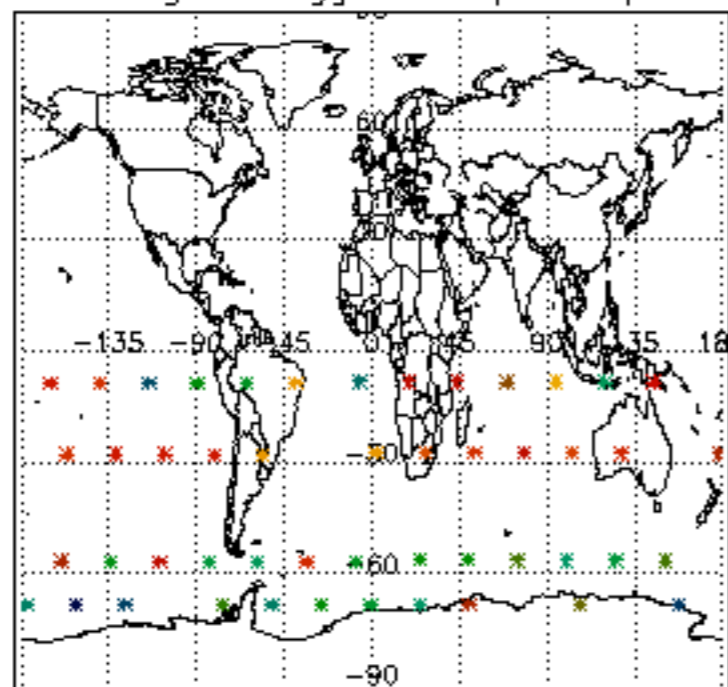




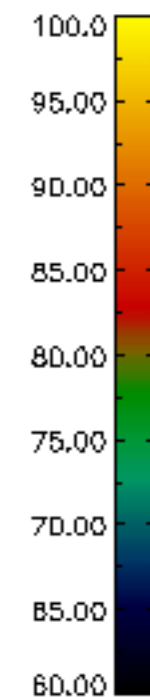
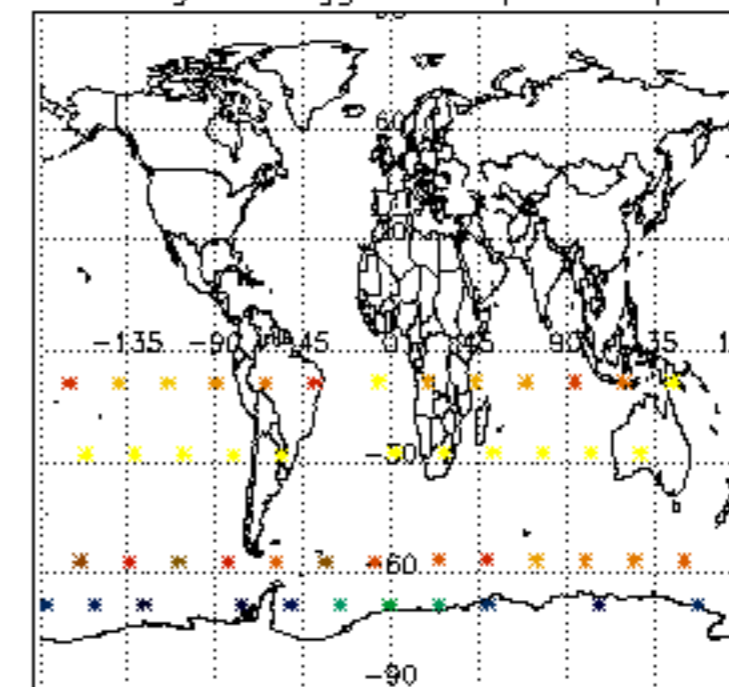




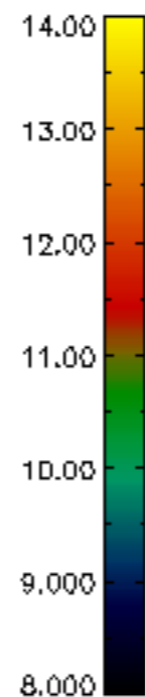
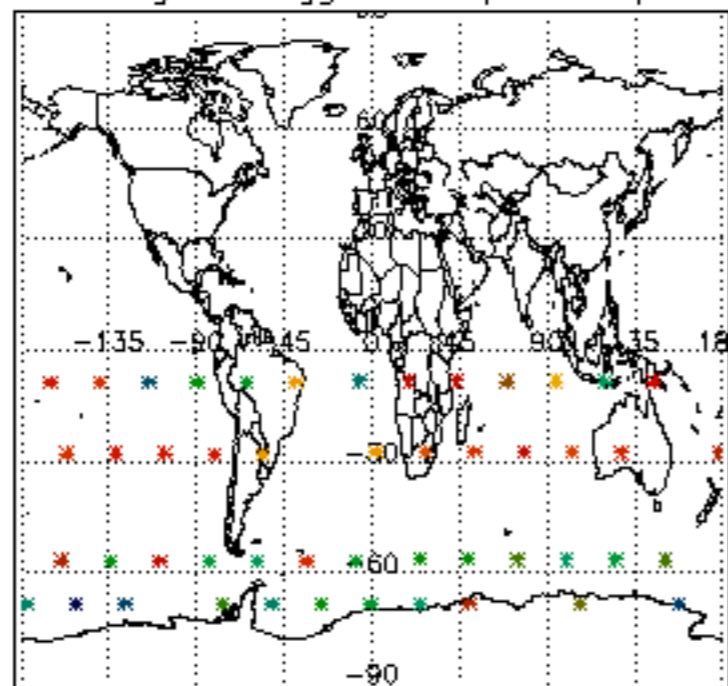
Percentage of flagged data per D3 profile



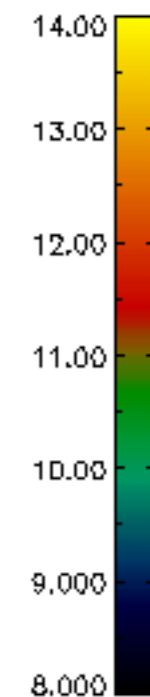
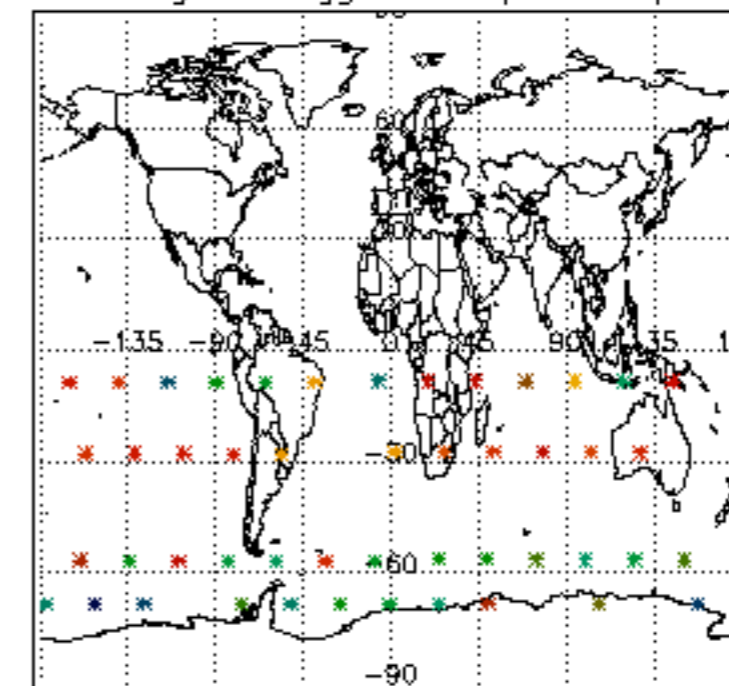
Percentage of flagged data per H2O profile

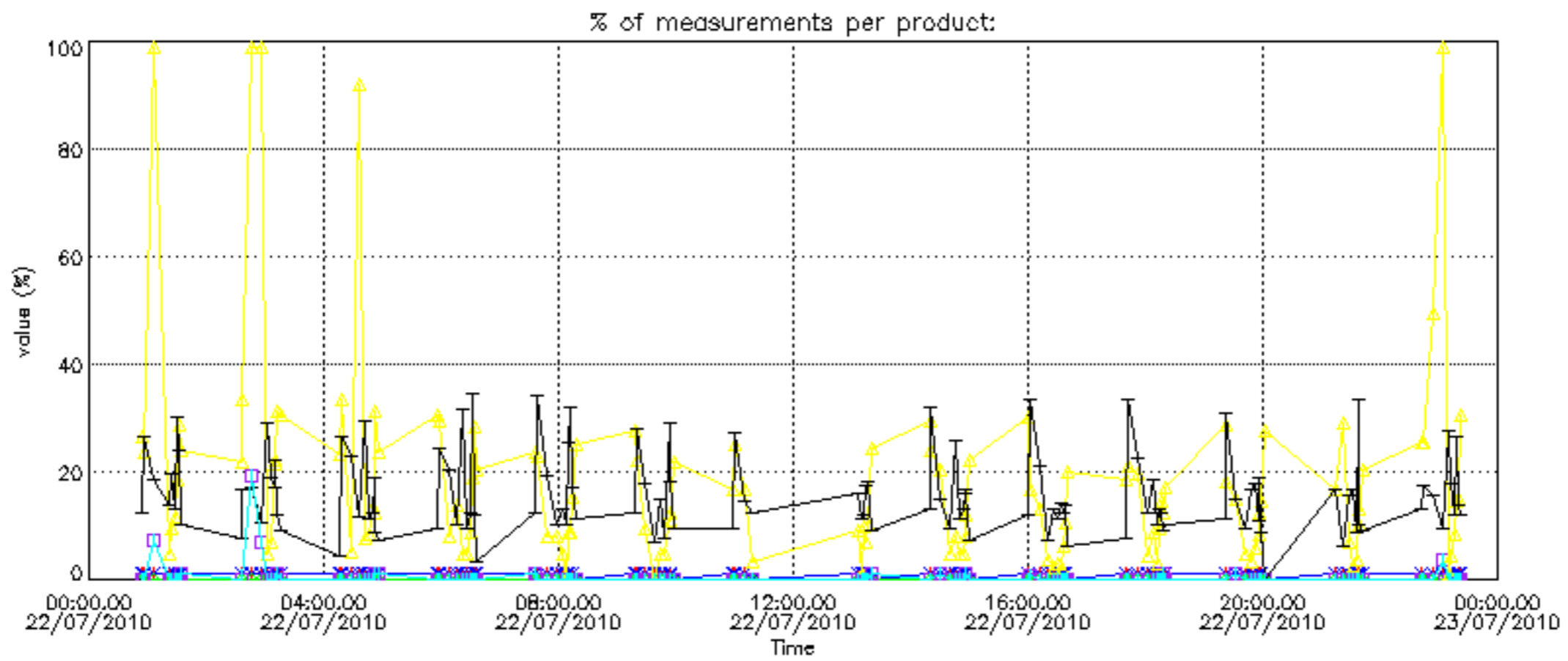


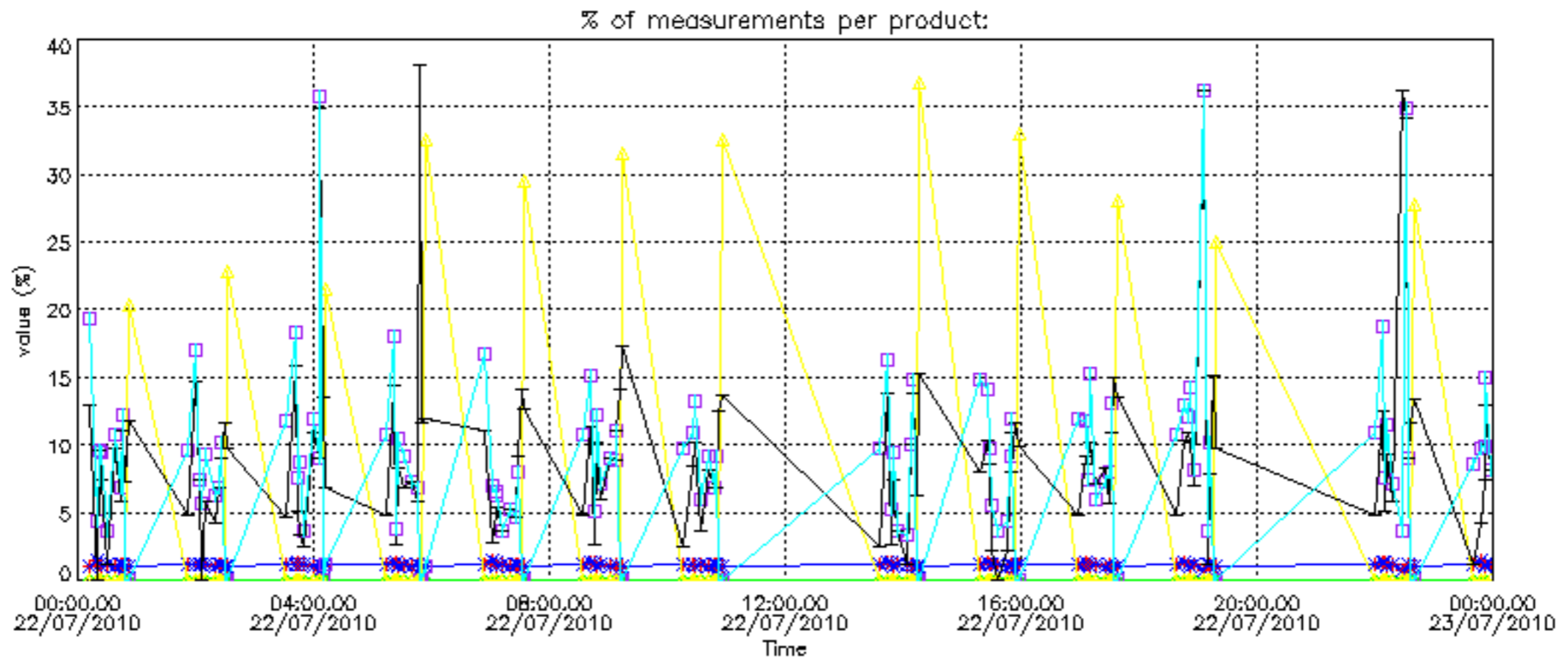
Percentage of flagged data per NO2 profile



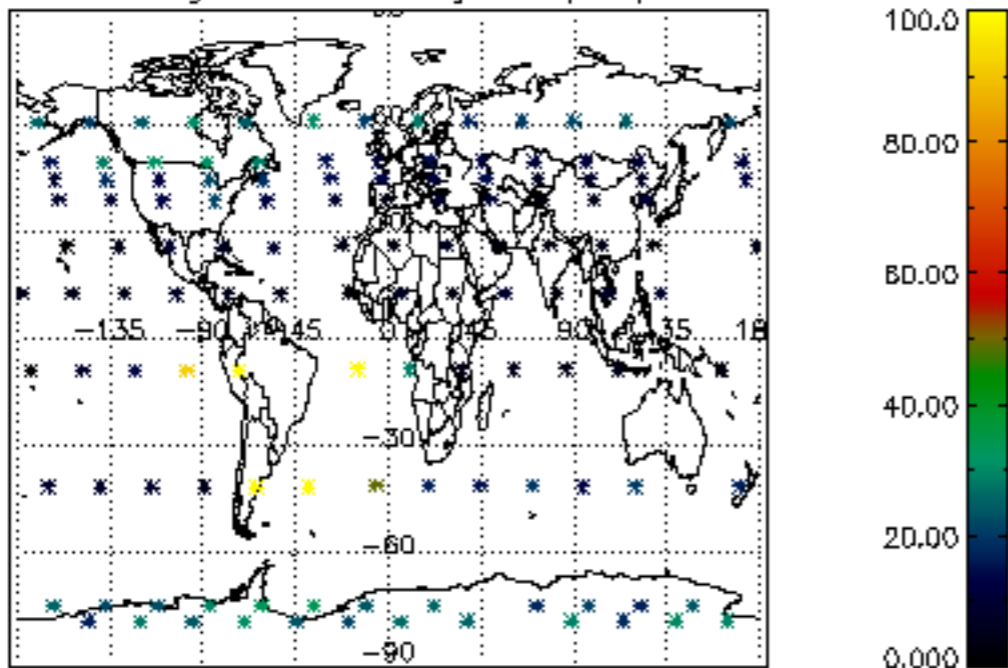
Percentage of flagged data per NO3 profile



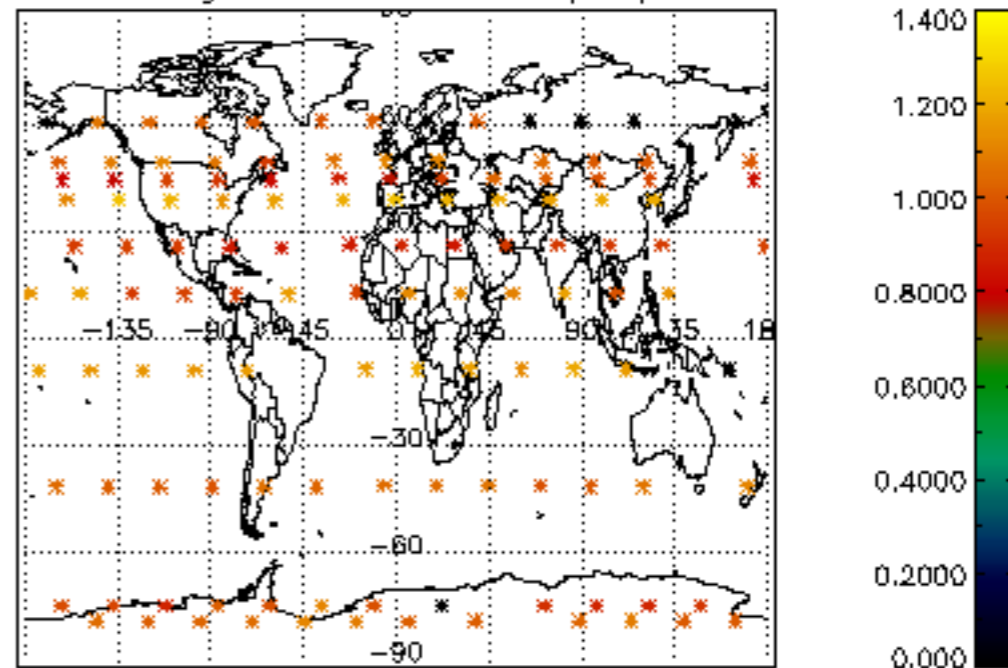




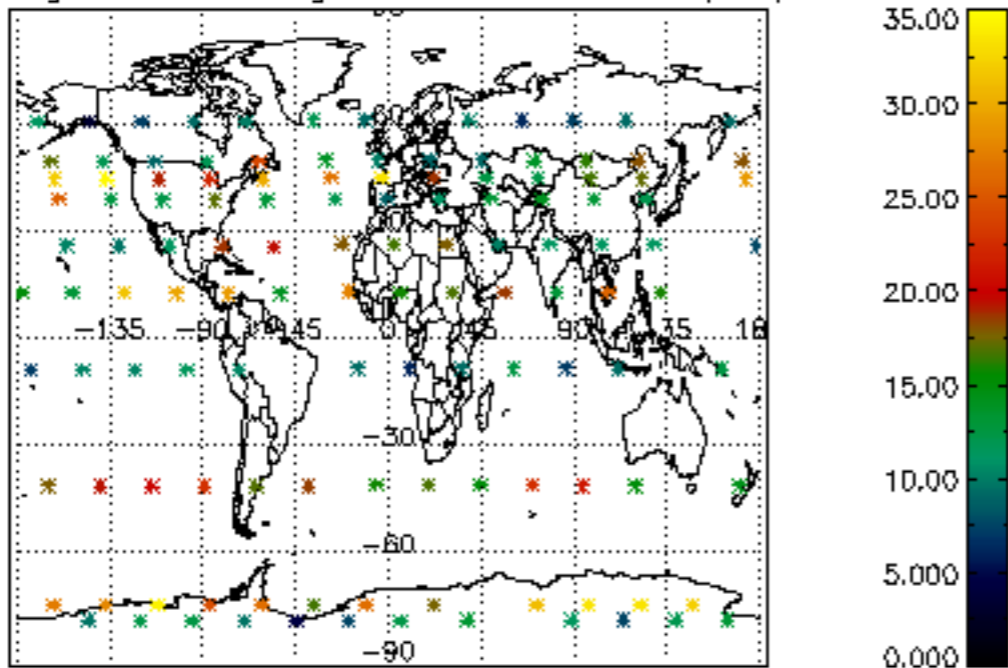
Percentage of cosmic ray hits per profile



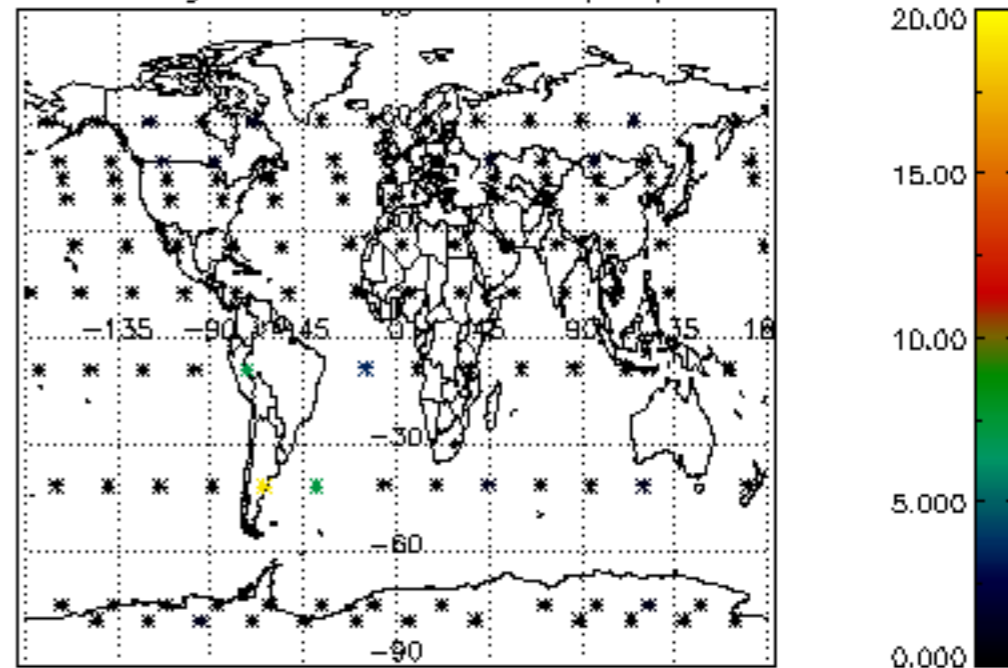
Percentage of datation errors per profile



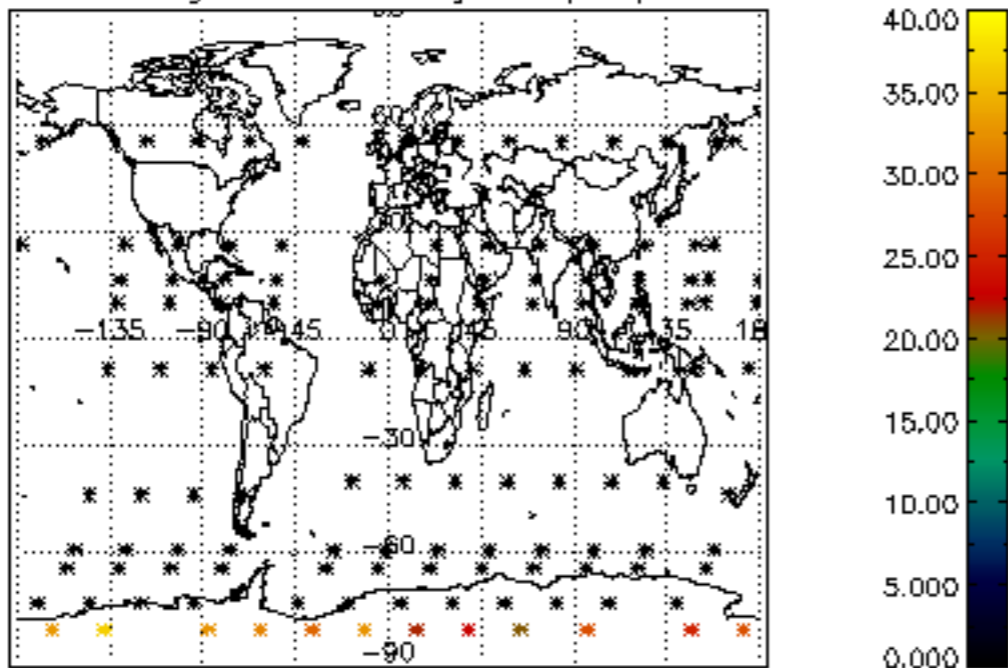
Percentage of star falling outside central band per profile



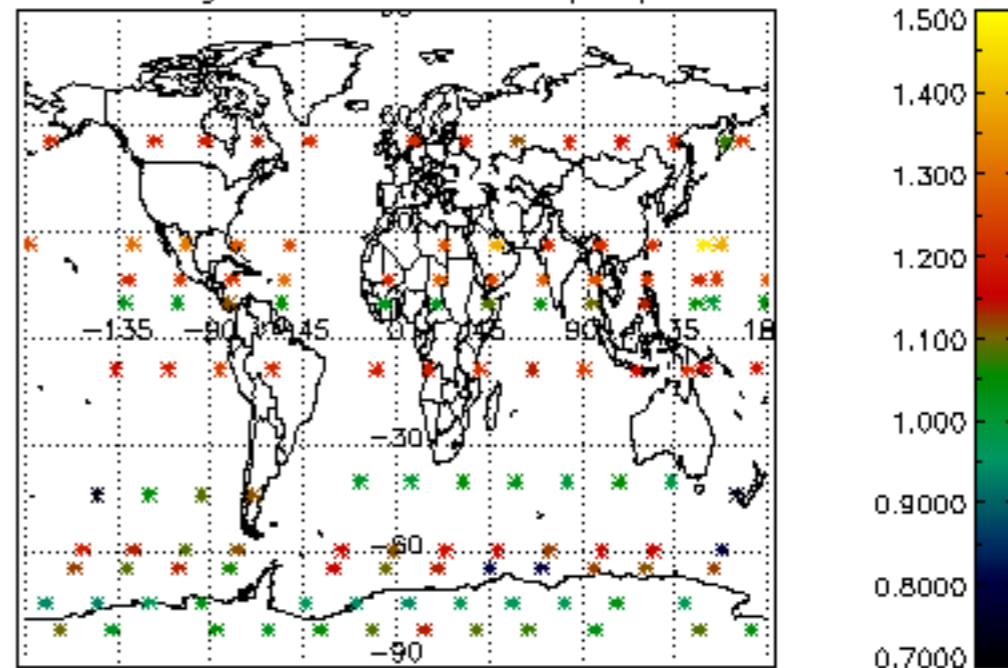
Percentage of saturation errors per profile



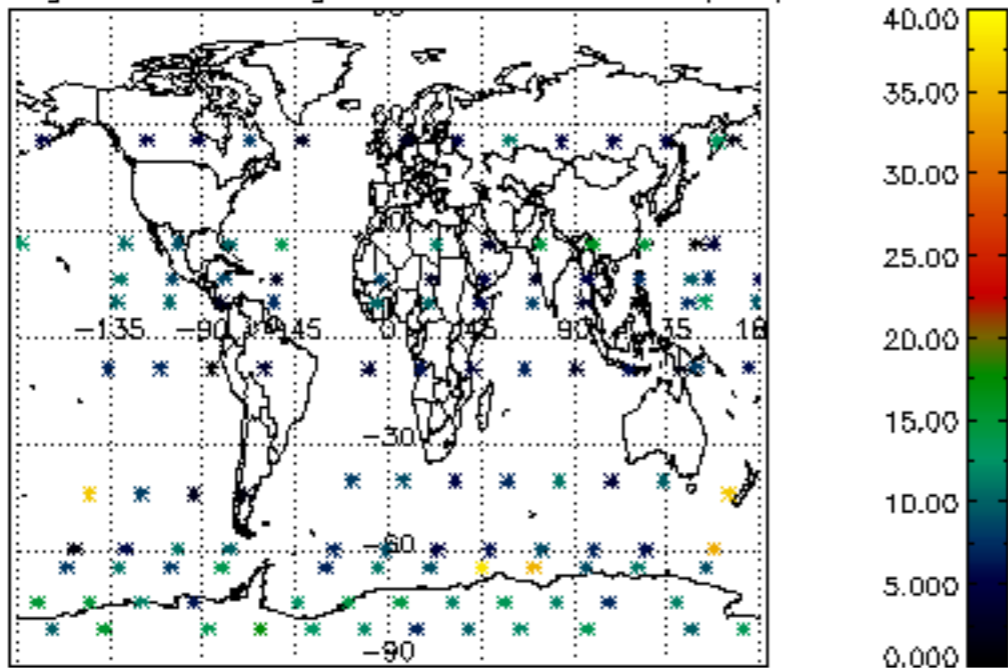
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

