

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 13:34:12
Data source version	GOMOS/6.01
Start time of products	29-07-2010 (29JUL2010 00:00:00)
Stop time of products	30-07-2010 (30JUL2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	280
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__2PRFIN20100729_000024_000000442091_00331_43972_7689.N1	29-JUL-2010 00:00:24	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	43972	No
2	GOM_NL__2PRFIN20100729_000204_000000392091_00331_43972_7690.N1	29-JUL-2010 00:02:04	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	43972	No
3	GOM_NL__2PRFIN20100729_000328_000000402091_00331_43972_7691.N1	29-JUL-2010 00:03:28	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	43972	No
4	GOM_NL__2PRFIN20100729_000849_000000422091_00331_43972_7692.N1	29-JUL-2010 00:08:49	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43972	No
5	GOM_NL__2PRFIN20100729_002333_000000672091_00331_43972_7693.N1	29-JUL-2010 00:23:33	Bright	67.000	160	23Gam Per	2.9300	4700.0	134	43972	No
6	GOM_NL__2PRFIN20100729_002508_000000502091_00331_43972_7694.N1	29-JUL-2010 00:25:08	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	43972	No
7	GOM_NL__2PRFIN20100729_002657_000000412091_00331_43972_7695.N1	29-JUL-2010 00:26:57	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	43972	No
8	GOM_NL__2PRFIN20100729_002854_000000502091_00331_43972_7696.N1	29-JUL-2010 00:28:54	Bright	50.000	149	45Eps Per	2.8880	30000.	100	43972	No
9	GOM_NL__2PRFIN20100729_003152_000000542091_00331_43972_7697.N1	29-JUL-2010 00:31:52	Twilight	53.500	150	44Zet Per	2.8900	28000.	107	43972	No
10	GOM_NL__2PRFIN20100729_003454_000000332091_00331_43972_7698.N1	29-JUL-2010 00:34:54	Dark	33.000	146	25Eta Tau	2.8730	15200.	66	43972	No
11	GOM_NL__2PRFIN20100729_003630_000000532091_00331_43972_7699.N1	29-JUL-2010 00:36:30	Dark	53.000	13	87Alp Tau	0.86700	3800.0	106	43972	No
12	GOM_NL__2PRFIN20100729_003832_000000412091_00331_43972_7700.N1	29-JUL-2010 00:38:32	Dark	40.500	27	24Gam Ori	1.6360	26000.	81	43972	No
13	GOM_NL__2PRFIN20100729_004251_000000392091_00331_43972_7701.N1	29-JUL-2010 00:42:51	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	43972	No
14	GOM_NL__2PRFIN20100729_004703_000000502091_00331_43972_7702.N1	29-JUL-2010 00:47:03	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	43972	No
15	GOM_NL__2PRFIN20100729_005626_000000462091_00331_43972_7703.N1	29-JUL-2010 00:56:26	Dark	45.500	157	The1Eri	2.9060	9300.0	91	43972	No
16	GOM_NL__2PRFIN20100729_010209_000000462091_00332_43973_7694.N1	29-JUL-2010 01:02:09	Dark	46.000	9	Alp Eri	0.45300	24000.	92	43973	No
17	GOM_NL__2PRFIN20100729_010636_000000562091_00332_43973_7695.N1	29-JUL-2010 01:06:36	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	43973	No
18	GOM_NL__2PRFIN20100729_010911_000000402091_00332_43973_7696.N1	29-JUL-2010 01:09:11	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	43973	No
19	GOM_NL__2PRFIN20100729_011228_000000522091_00332_43973_7697.N1	29-JUL-2010 01:12:28	Straylight	52.000	31	Alp Gru	1.7340	15200.	104	43973	No
20	GOM_NL__2PRFIN20100729_011538_000000482091_00332_43973_7698.N1	29-JUL-2010 01:15:38	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	43973	No
21	GOM_NL__2PRFIN20100729_013157_000000412091_00332_43973_7699.N1	29-JUL-2010 01:31:57	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	43973	No
22	GOM_NL__2PRFIN20100729_014059_000000422091_00332_43973_7700.N1	29-JUL-2010 01:40:59	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	43973	No
23	GOM_NL__2PRFIN20100729_014239_000000382091_00332_43973_7701.N1	29-JUL-2010 01:42:39	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	43973	No
24	GOM_NL__2PRFIN20100729_014403_000000452091_00332_43973_7702.N1	29-JUL-2010 01:44:03	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	43973	No
25	GOM_NL__2PRFIN20100729_014925_000000432091_00332_43973_7703.N1	29-JUL-2010 01:49:25	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43973	No
26	GOM_NL__2PRFIN20100729_020408_000000462091_00332_43973_7704.N1	29-JUL-2010 02:04:08	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	43973	No
27	GOM_NL__2PRFIN20100729_020544_000000472091_00332_43973_7705.N1	29-JUL-2010 02:05:44	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	43973	No
28	GOM_NL__2PRFIN20100729_020733_000000412091_00332_43973_7706.N1	29-JUL-2010 02:07:33	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	43973	No
29	GOM_NL__2PRFIN20100729_020930_000000622091_00332_43973_7707.N1	29-JUL-2010 02:09:30	Bright	61.500	149	45Eps Per	2.8880	30000.	123	43973	No
30	GOM_NL__2PRFIN20100729_021229_000000522091_00332_43973_7708.N1	29-JUL-2010 02:12:29	Twilight	52.000	150	44Zet Per	2.8900	28000.	104	43973	No
31	GOM_NL__2PRFIN20100729_021530_000000332091_00332_43973_7709.N1	29-JUL-2010 02:15:30	Dark	33.000	146	25Eta Tau	2.8730	15200.	66	43973	No
32	GOM_NL__2PRFIN20100729_021706_000000512091_00332_43973_7710.N1	29-JUL-2010 02:17:06	Dark	50.500	13	87Alp Tau	0.86700	3800.0	101	43973	No
33	GOM_NL__2PRFIN20100729_021908_000000392091_00332_43973_7711.N1	29-JUL-2010 02:19:08	Dark	38.500	27	24Gam Ori	1.6360	26000.	77	43973	No
34	GOM_NL__2PRFIN20100729_022327_000000462091_00332_43973_7712.N1	29-JUL-2010 02:23:27	Dark	46.000	7	19Bet Ori	0.10000	14000.	92	43973	No
35	GOM_NL__2PRFIN20100729_022740_000000572091_00332_43973_7713.N1	29-JUL-2010 02:27:40	Dark	56.500	165	34Gam Eri	2.9500	3200.0	113	43973	No
36	GOM_NL__2PRFIN20100729_024245_000000452091_00333_43974_7707.N1	29-JUL-2010 02:42:45	Dark	45.000	9	Alp Eri	0.45300	24000.	90	43974	No
37	GOM_NL__2PRFIN20100729_024713_000000622091_00333_43974_7708.N1	29-JUL-2010 02:47:13	Straylight	62.000	84	Alp Phe	2.3970	4500.0	124	43974	No
38	GOM_NL__2PRFIN20100729_024947_000000422091_00333_43974_7709.N1	29-JUL-2010 02:49:47	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	43974	No
39	GOM_NL__2PRFIN20100729_025304_000000482091_00333_43974_7710.N1	29-JUL-2010 02:53:04	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	43974	No
40	GOM_NL__2PRFIN20100729_025615_000000462091_00333_43974_7711.N1	29-JUL-2010 02:56:15	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	43974	No
41	GOM_NL__2PRFIN20100729_031233_000000402091_00333_43974_7712.N1	29-JUL-2010 03:12:33	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	43974	No
42	GOM_NL__2PRFIN20100729_032135_000000432091_00333_43974_7713.N1	29-JUL-2010 03:21:35	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	43974	No

43	GOM_NL__2PRFIN20100729_032314_000000382091_00333_43974_7714.N1	29-JUL-2010 03:23:14	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	43974	No
44	GOM_NL__2PRFIN20100729_032438_000000422091_00333_43974_7715.N1	29-JUL-2010 03:24:38	Bright	42.000	19	50Alp Cyg	1.2460	10500.	84	43974	No
45	GOM_NL__2PRFIN20100729_033000_000000382091_00333_43974_7716.N1	29-JUL-2010 03:30:00	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	43974	No
46	GOM_NL__2PRFIN20100729_034444_000000582091_00333_43974_7717.N1	29-JUL-2010 03:44:44	Bright	57.500	160	23Gam Per	2.9300	4700.0	115	43974	No
47	GOM_NL__2PRFIN20100729_034619_000000492091_00333_43974_7718.N1	29-JUL-2010 03:46:19	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	43974	No
48	GOM_NL__2PRFIN20100729_034809_000000442091_00333_43974_7719.N1	29-JUL-2010 03:48:09	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	43974	No
49	GOM_NL__2PRFIN20100729_035006_000000452091_00333_43974_7720.N1	29-JUL-2010 03:50:06	Bright	45.000	149	45Eps Per	2.8880	30000.	90	43974	No
50	GOM_NL__2PRFIN20100729_035304_000000522091_00333_43974_7721.N1	29-JUL-2010 03:53:04	Twilight	52.000	150	44Zet Per	2.8900	28000.	104	43974	No
51	GOM_NL__2PRFIN20100729_035607_000000252091_00333_43974_7722.N1	29-JUL-2010 03:56:07	Dark	25.000	146	25Eta Tau	2.8730	15200.	50	43974	No
52	GOM_NL__2PRFIN20100729_035742_000000472091_00333_43974_7723.N1	29-JUL-2010 03:57:42	Dark	46.500	13	87Alp Tau	0.86700	3800.0	93	43974	No
53	GOM_NL__2PRFIN20100729_035944_000000372091_00333_43974_7724.N1	29-JUL-2010 03:59:44	Dark	37.000	27	24Gam Ori	1.6360	26000.	74	43974	No
54	GOM_NL__2PRFIN20100729_040403_000000512091_00333_43974_7725.N1	29-JUL-2010 04:04:03	Dark	50.500	7	19Bet Ori	0.10000	14000.	101	43974	No
55	GOM_NL__2PRFIN20100729_040816_000000532091_00333_43974_7726.N1	29-JUL-2010 04:08:16	Dark	52.500	165	34Gam Eri	2.9500	3200.0	105	43974	No
56	GOM_NL__2PRFIN20100729_041740_000000452091_00333_43974_7727.N1	29-JUL-2010 04:17:40	Dark	45.000	157	The1Eri	2.9060	9300.0	90	43974	No
57	GOM_NL__2PRFIN20100729_042322_000000532091_00334_43975_7721.N1	29-JUL-2010 04:23:22	Dark	52.500	9	Alp Eri	0.45300	24000.	105	43975	No
58	GOM_NL__2PRFIN20100729_042750_000000552091_00334_43975_7722.N1	29-JUL-2010 04:27:50	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	43975	No
59	GOM_NL__2PRFIN20100729_043024_000000432091_00334_43975_7723.N1	29-JUL-2010 04:30:24	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	43975	No
60	GOM_NL__2PRFIN20100729_043341_000000442091_00334_43975_7724.N1	29-JUL-2010 04:33:41	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	43975	No
61	GOM_NL__2PRFIN20100729_043651_000000472091_00334_43975_7725.N1	29-JUL-2010 04:36:51	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	43975	No
62	GOM_NL__2PRFIN20100729_045309_000000382091_00334_43975_7726.N1	29-JUL-2010 04:53:09	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	43975	No
63	GOM_NL__2PRFIN20100729_050210_000000492091_00334_43975_7727.N1	29-JUL-2010 05:02:10	Bright	48.500	92	53Eps Cyg	2.5000	4500.0	97	43975	No
64	GOM_NL__2PRFIN20100729_050350_000000382091_00334_43975_7728.N1	29-JUL-2010 05:03:50	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	43975	No
65	GOM_NL__2PRFIN20100729_050514_000000452091_00334_43975_7729.N1	29-JUL-2010 05:05:14	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	43975	No
66	GOM_NL__2PRFIN20100729_051036_000000402091_00334_43975_7730.N1	29-JUL-2010 05:10:36	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	43975	No
67	GOM_NL__2PRFIN20100729_052520_000000562091_00334_43975_7731.N1	29-JUL-2010 05:25:20	Bright	55.500	160	23Gam Per	2.9300	4700.0	111	43975	No
68	GOM_NL__2PRFIN20100729_052655_000000502091_00334_43975_7732.N1	29-JUL-2010 05:26:55	Bright	50.000	35	33Alp Per	1.7950	6250.0	100	43975	No
69	GOM_NL__2PRFIN20100729_052845_000000422091_00334_43975_7733.N1	29-JUL-2010 05:28:45	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	43975	No
70	GOM_NL__2PRFIN20100729_053042_000000452091_00334_43975_7734.N1	29-JUL-2010 05:30:42	Bright	45.000	149	45Eps Per	2.8880	30000.	90	43975	No
71	GOM_NL__2PRFIN20100729_053340_000000502091_00334_43975_7735.N1	29-JUL-2010 05:33:40	Twilight	50.000	150	44Zet Per	2.8900	28000.	100	43975	No
72	GOM_NL__2PRFIN20100729_053643_000000252091_00334_43975_7736.N1	29-JUL-2010 05:36:43	Dark	25.000	146	25Eta Tau	2.8730	15200.	50	43975	No
73	GOM_NL__2PRFIN20100729_053818_000000522091_00334_43975_7737.N1	29-JUL-2010 05:38:18	Dark	52.000	13	87Alp Tau	0.86700	3800.0	104	43975	No
74	GOM_NL__2PRFIN20100729_054021_000000392091_00334_43975_7738.N1	29-JUL-2010 05:40:21	Dark	39.000	27	24Gam Ori	1.6360	26000.	78	43975	No
75	GOM_NL__2PRFIN20100729_054440_000000512091_00334_43975_7739.N1	29-JUL-2010 05:44:40	Dark	50.500	7	19Bet Ori	0.10000	14000.	101	43975	No
76	GOM_NL__2PRFIN20100729_054853_000000562091_00334_43975_7740.N1	29-JUL-2010 05:48:53	Dark	56.000	165	34Gam Eri	2.9500	3200.0	112	43975	No
77	GOM_NL__2PRFIN20100729_055817_000000452091_00334_43975_7741.N1	29-JUL-2010 05:58:17	Dark	45.000	157	The1Eri	2.9060	9300.0	90	43975	No
78	GOM_NL__2PRFIN20100729_060359_000000532091_00335_43976_7733.N1	29-JUL-2010 06:03:59	Dark	52.500	9	Alp Eri	0.45300	24000.	105	43976	No
79	GOM_NL__2PRFIN20100729_060827_000000572091_00335_43976_7734.N1	29-JUL-2010 06:08:27	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	43976	No
80	GOM_NL__2PRFIN20100729_061100_000000412091_00335_43976_7735.N1	29-JUL-2010 06:11:00	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43976	No
81	GOM_NL__2PRFIN20100729_061417_000000472091_00335_43976_7736.N1	29-JUL-2010 06:14:17	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	43976	No
82	GOM_NL__2PRFIN20100729_061728_000000462091_00335_43976_7737.N1	29-JUL-2010 06:17:28	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	43976	No
83	GOM_NL__2PRFIN20100729_063344_000000432091_00335_43976_7738.N1	29-JUL-2010 06:33:44	Bright	43.000	11	53Alp Aql	0.76500	8000.0	86	43976	No
84	GOM_NL__2PRFIN20100729_064246_000000482091_00335_43976_7739.N1	29-JUL-2010 06:42:46	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	43976	No
85	GOM_NL__2PRFIN20100729_064426_000000382091_00335_43976_7740.N1	29-JUL-2010 06:44:26	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	43976	No
86	GOM_NL__2PRFIN20100729_064549_000000472091_00335_43976_7741.N1	29-JUL-2010 06:45:49	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	43976	No
87	GOM_NL__2PRFIN20100729_065111_000000422091_00335_43976_7742.N1	29-JUL-2010 06:51:11	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	43976	No
88	GOM_NL__2PRFIN20100729_070555_000000452091_00335_43976_7743.N1	29-JUL-2010 07:05:55	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	43976	No
89	GOM_NL__2PRFIN20100729_070730_000000472091_00335_43976_7744.N1	29-JUL-2010 07:07:30	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	43976	No
90	GOM_NL__2PRFIN20100729_070921_000000462091_00335_43976_7745.N1	29-JUL-2010 07:09:21	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	43976	No
91	GOM_NL__2PRFIN20100729_071118_000000652091_00335_43976_7746.N1	29-JUL-2010 07:11:18	Bright	65.000	149	45Eps Per	2.8880	30000.	130	43976	No
92	GOM_NL__2PRFIN20100729_071416_000000532091_00335_43976_7747.N1	29-JUL-2010 07:14:16	Twilight	53.000	150	44Zet Per	2.8900	28000.	106	43976	No
93	GOM_NL__2PRFIN20100729_071632_000000392091_00335_43976_7748.N1	29-JUL-2010 07:16:32	Twilight	39.000	176	23Zet Tau	3.0200	22000.	78	43976	No
94	GOM_NL__2PRFIN20100729_071855_000000612091_00335_43976_7749.N1	29-JUL-2010 07:18:55	Dark	60.500	13	87Alp Tau	0.86700	3800.0	121	43976	No
95	GOM_NL__2PRFIN20100729_072057_000000442091_00335_43976_7750.N1	29-JUL-2010 07:20:57	Dark	43.500	27	24Gam Ori	1.6360	26000.	87	43976	No
96	GOM_NL__2PRFIN20100729_072516_000000492091_00335_43976_7751.N1	29-JUL-2010 07:25:16	Dark	49.000	7	19Bet Ori	0.10000	14000.	98	43976	No
97	GOM_NL__2PRFIN20100729_072931_000000522091_00335_43976_7752.N1	29-JUL-2010 07:29:31	Dark	52.000	165	34Gam Eri	2.9500	3200.0	104	43976	No
98	GOM_NL__2PRFIN20100729_073853_000000452091_00335_43976_7753.N1	29-JUL-2010 07:38:53	Dark	45.000	157	The1Eri	2.9060	9300.0	90	43976	No
99	GOM_NL__2PRFIN20100729_074435_000000432091_00336_43977_7779.N1	29-JUL-2010 07:44:35	Dark	42.500	9	Alp Eri	0.45300	24000.	85	43977	No
100	GOM_NL__2PRFIN20100729_074904_000000562091_00336_43977_7780.N1	29-JUL-2010 07:49:04	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	43977	No
101	GOM_NL__2PRFIN20100729_075136_000000502091_00336_43977_7781.N1	29-JUL-2010 07:51:36	Straylight	49.500	148	Alp Tuc	2.8780	4100.0	99	43977	No

102	GOM_NL__2PRFIN20100729_075454_000000472091_00336_43977_7782.N1	29-JUL-2010 07:54:54	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	43977	No
103	GOM_NL__2PRFIN20100729_075804_000000472091_00336_43977_7783.N1	29-JUL-2010 07:58:04	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	43977	No
104	GOM_NL__2PRFIN20100729_081420_000000402091_00336_43977_7784.N1	29-JUL-2010 08:14:20	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	43977	No
105	GOM_NL__2PRFIN20100729_082321_000000442091_00336_43977_7785.N1	29-JUL-2010 08:23:21	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	43977	No
106	GOM_NL__2PRFIN20100729_082502_000000412091_00336_43977_7786.N1	29-JUL-2010 08:25:02	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43977	No
107	GOM_NL__2PRFIN20100729_082625_000000462091_00336_43977_7787.N1	29-JUL-2010 08:26:25	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	43977	No
108	GOM_NL__2PRFIN20100729_083147_000000392091_00336_43977_7788.N1	29-JUL-2010 08:31:47	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	43977	No
109	GOM_NL__2PRFIN20100729_084631_000000672091_00336_43977_7789.N1	29-JUL-2010 08:46:31	Bright	67.000	160	23Gam Per	2.9300	4700.0	134	43977	No
110	GOM_NL__2PRFIN20100729_084806_000000492091_00336_43977_7790.N1	29-JUL-2010 08:48:06	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	43977	No
111	GOM_NL__2PRFIN20100729_084957_000000412091_00336_43977_7791.N1	29-JUL-2010 08:49:57	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	43977	No
112	GOM_NL__2PRFIN20100729_085154_000000422091_00336_43977_7792.N1	29-JUL-2010 08:51:54	Bright	42.000	149	45Eps Per	2.8880	30000.	84	43977	No
113	GOM_NL__2PRFIN20100729_085453_000000542091_00336_43977_7793.N1	29-JUL-2010 08:54:53	Tw_i_and_stray	54.000	150	44Zet Per	2.8900	28000.	108	43977	No
114	GOM_NL__2PRFIN20100729_085707_000000412091_00336_43977_7794.N1	29-JUL-2010 08:57:07	Tw_i_and_stray	41.000	176	23Zet Tau	3.0200	22000.	82	43977	No
115	GOM_NL__2PRFIN20100729_085931_000000612091_00336_43977_7795.N1	29-JUL-2010 08:59:31	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	43977	No
116	GOM_NL__2PRFIN20100729_090133_000000452091_00336_43977_7796.N1	29-JUL-2010 09:01:33	Dark	44.500	27	24Gam Ori	1.6360	26000.	89	43977	No
117	GOM_NL__2PRFIN20100729_090552_000000462091_00336_43977_7797.N1	29-JUL-2010 09:05:52	Dark	45.500	7	19Bet Ori	0.10000	14000.	91	43977	No
118	GOM_NL__2PRFIN20100729_091007_000000542091_00336_43977_7798.N1	29-JUL-2010 09:10:07	Dark	53.500	165	34Gam Eri	2.9500	3200.0	107	43977	No
119	GOM_NL__2PRFIN20100729_091930_000000472091_00336_43977_7799.N1	29-JUL-2010 09:19:30	Dark	46.500	157	The1Eri	2.9060	9300.0	93	43977	No
120	GOM_NL__2PRFIN20100729_092512_000000542091_00337_43978_7813.N1	29-JUL-2010 09:25:12	Dark	54.000	9	Alp Eri	0.45300	24000.	108	43978	No
121	GOM_NL__2PRFIN20100729_092941_000000552091_00337_43978_7814.N1	29-JUL-2010 09:29:41	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	43978	No
122	GOM_NL__2PRFIN20100729_093213_000000482091_00337_43978_7815.N1	29-JUL-2010 09:32:13	Straylight	48.000	148	Alp Tuc	2.8780	4100.0	96	43978	No
123	GOM_NL__2PRFIN20100729_093530_000000472091_00337_43978_7816.N1	29-JUL-2010 09:35:30	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	43978	No
124	GOM_NL__2PRFIN20100729_093841_000000462091_00337_43978_7817.N1	29-JUL-2010 09:38:41	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	43978	No
125	GOM_NL__2PRFIN20100729_095456_000000412091_00337_43978_7818.N1	29-JUL-2010 09:54:56	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	43978	No
126	GOM_NL__2PRFIN20100729_100356_000000482091_00337_43978_7819.N1	29-JUL-2010 10:03:56	Bright	47.500	92	53Eps Cyg	2.5000	4500.0	95	43978	No
127	GOM_NL__2PRFIN20100729_100537_000000392091_00337_43978_7820.N1	29-JUL-2010 10:05:37	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	43978	No
128	GOM_NL__2PRFIN20100729_100700_000000452091_00337_43978_7821.N1	29-JUL-2010 10:07:00	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	43978	No
129	GOM_NL__2PRFIN20100729_101222_000000412091_00337_43978_7822.N1	29-JUL-2010 10:12:22	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	43978	No
130	GOM_NL__2PRFIN20100729_102706_000000672091_00337_43978_7823.N1	29-JUL-2010 10:27:06	Bright	67.000	160	23Gam Per	2.9300	4700.0	134	43978	No
131	GOM_NL__2PRFIN20100729_102842_000000492091_00337_43978_7824.N1	29-JUL-2010 10:28:42	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	43978	No
132	GOM_NL__2PRFIN20100729_103033_000000532091_00337_43978_7825.N1	29-JUL-2010 10:30:33	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	43978	No
133	GOM_NL__2PRFIN20100729_103230_000000452091_00337_43978_7826.N1	29-JUL-2010 10:32:30	Bright	45.000	149	45Eps Per	2.8880	30000.	90	43978	No
134	GOM_NL__2PRFIN20100729_103529_000000552091_00337_43978_7827.N1	29-JUL-2010 10:35:29	Tw_i_and_stray	54.500	150	44Zet Per	2.8900	28000.	109	43978	No
135	GOM_NL__2PRFIN20100729_103744_000000402091_00337_43978_7828.N1	29-JUL-2010 10:37:44	Tw_i_and_stray	40.000	176	23Zet Tau	3.0200	22000.	80	43978	No
136	GOM_NL__2PRFIN20100729_104007_000000562091_00337_43978_7829.N1	29-JUL-2010 10:40:07	Dark	55.500	13	87Alp Tau	0.86700	3800.0	111	43978	No
137	GOM_NL__2PRFIN20100729_104209_000000452091_00337_43978_7830.N1	29-JUL-2010 10:42:09	Dark	45.000	27	24Gam Ori	1.6360	26000.	90	43978	No
138	GOM_NL__2PRFIN20100729_104629_000000542091_00337_43978_7831.N1	29-JUL-2010 10:46:29	Dark	54.000	7	19Bet Ori	0.10000	14000.	108	43978	No
139	GOM_NL__2PRFIN20100729_105043_000000552091_00337_43978_7832.N1	29-JUL-2010 10:50:43	Dark	54.500	165	34Gam Eri	2.9500	3200.0	109	43978	No
140	GOM_NL__2PRFIN20100729_110007_000000442091_00337_43978_7833.N1	29-JUL-2010 11:00:07	Dark	44.000	157	The1Eri	2.9060	9300.0	88	43978	No
141	GOM_NL__2PRFIN20100729_124625_000000422091_00339_43980_7871.N1	29-JUL-2010 12:46:25	Dark	42.000	9	Alp Eri	0.45300	24000.	84	43980	No
142	GOM_NL__2PRFIN20100729_125056_000000572091_00339_43980_7872.N1	29-JUL-2010 12:50:56	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	43980	No
143	GOM_NL__2PRFIN20100729_125325_000000442091_00339_43980_7873.N1	29-JUL-2010 12:53:25	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	43980	No
144	GOM_NL__2PRFIN20100729_125643_000000482091_00339_43980_7874.N1	29-JUL-2010 12:56:43	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	43980	No
145	GOM_NL__2PRFIN20100729_125953_000000472091_00339_43980_7875.N1	29-JUL-2010 12:59:53	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	43980	No
146	GOM_NL__2PRFIN20100729_131608_000000382091_00339_43980_7876.N1	29-JUL-2010 13:16:08	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	43980	No
147	GOM_NL__2PRFIN20100729_132507_000000442091_00339_43980_7877.N1	29-JUL-2010 13:25:07	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	43980	No
148	GOM_NL__2PRFIN20100729_132648_000000402091_00339_43980_7878.N1	29-JUL-2010 13:26:48	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	43980	No
149	GOM_NL__2PRFIN20100729_132811_000000462091_00339_43980_7879.N1	29-JUL-2010 13:28:11	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	43980	No
150	GOM_NL__2PRFIN20100729_133334_000000412091_00339_43980_7880.N1	29-JUL-2010 13:33:34	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	43980	No
151	GOM_NL__2PRFIN20100729_134817_000000452091_00339_43980_7881.N1	29-JUL-2010 13:48:17	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	43980	No
152	GOM_NL__2PRFIN20100729_134953_000000492091_00339_43980_7882.N1	29-JUL-2010 13:49:53	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	43980	No
153	GOM_NL__2PRFIN20100729_135145_000000432091_00339_43980_7883.N1	29-JUL-2010 13:51:45	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	43980	No
154	GOM_NL__2PRFIN20100729_135342_000000652091_00339_43980_7884.N1	29-JUL-2010 13:53:42	Bright	65.000	149	45Eps Per	2.8880	30000.	130	43980	No
155	GOM_NL__2PRFIN20100729_135641_000000522091_00339_43980_7885.N1	29-JUL-2010 13:56:41	Tw_i_and_stray	52.000	150	44Zet Per	2.8900	28000.	104	43980	No
156	GOM_NL__2PRFIN20100729_135856_000000392091_00339_43980_7886.N1	29-JUL-2010 13:58:56	Tw_i_and_stray	39.000	176	23Zet Tau	3.0200	22000.	78	43980	No
157	GOM_NL__2PRFIN20100729_140120_000000562091_00339_43980_7887.N1	29-JUL-2010 14:01:20	Dark	56.000	13	87Alp Tau	0.86700	3800.0	112	43980	No
158	GOM_NL__2PRFIN20100729_140322_000000442091_00339_43980_7888.N1	29-JUL-2010 14:03:22	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	43980	No
159	GOM_NL__2PRFIN20100729_140741_000000472091_00339_43980_7889.N1	29-JUL-2010 14:07:41	Dark	47.000	7	19Bet Ori	0.10000	14000.	94	43980	No
160	GOM_NL__2PRFIN20100729_141157_000000522091_00339_43980_7890.N1	29-JUL-2010 14:11:57	Dark	52.000	165	34Gam Eri	2.9500	3200.0	104	43980	No

161	GOM_NL__2PRFIN20100729_142121_000000452091_00339_43980_7891.N1	29-JUL-2010 14:21:21	Dark	45.000	157	The1Eri	2.9060	9300.0	90	43980	No
162	GOM_NL__2PRFIN20100729_142702_000000422091_00340_43981_7930.N1	29-JUL-2010 14:27:02	Dark	42.000	9	Alp Eri	0.45300	24000.	84	43981	No
163	GOM_NL__2PRFIN20100729_143132_000000572091_00340_43981_7931.N1	29-JUL-2010 14:31:32	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	43981	No
164	GOM_NL__2PRFIN20100729_143402_000000422091_00340_43981_7932.N1	29-JUL-2010 14:34:02	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	43981	No
165	GOM_NL__2PRFIN20100729_143720_000000502091_00340_43981_7933.N1	29-JUL-2010 14:37:20	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	43981	No
166	GOM_NL__2PRFIN20100729_144030_000000462091_00340_43981_7934.N1	29-JUL-2010 14:40:30	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	43981	No
167	GOM_NL__2PRFIN20100729_145643_000000402091_00340_43981_7935.N1	29-JUL-2010 14:56:43	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	43981	No
168	GOM_NL__2PRFIN20100729_150542_000000482091_00340_43981_7936.N1	29-JUL-2010 15:05:42	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	43981	No
169	GOM_NL__2PRFIN20100729_150724_000000392091_00340_43981_7937.N1	29-JUL-2010 15:07:24	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	43981	No
170	GOM_NL__2PRFIN20100729_150846_000000452091_00340_43981_7938.N1	29-JUL-2010 15:08:46	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	43981	No
171	GOM_NL__2PRFIN20100729_151408_000000412091_00340_43981_7939.N1	29-JUL-2010 15:14:08	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	43981	No
172	GOM_NL__2PRFIN20100729_152853_000000482091_00340_43981_7940.N1	29-JUL-2010 15:28:53	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	43981	No
173	GOM_NL__2PRFIN20100729_153029_000000492091_00340_43981_7941.N1	29-JUL-2010 15:30:29	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	43981	No
174	GOM_NL__2PRFIN20100729_153221_000000432091_00340_43981_7942.N1	29-JUL-2010 15:32:21	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	43981	No
175	GOM_NL__2PRFIN20100729_153418_000000542091_00340_43981_7943.N1	29-JUL-2010 15:34:18	Bright	53.500	149	45Eps Per	2.8880	30000.	107	43981	No
176	GOM_NL__2PRFIN20100729_153717_000000522091_00340_43981_7944.N1	29-JUL-2010 15:37:17	Twi_and_stray	52.000	150	44Zet Per	2.8900	28000.	104	43981	No
177	GOM_NL__2PRFIN20100729_153932_000000402091_00340_43981_7945.N1	29-JUL-2010 15:39:32	Twi_and_stray	40.000	176	23Zet Tau	3.0200	22000.	80	43981	No
178	GOM_NL__2PRFIN20100729_154156_000000612091_00340_43981_7946.N1	29-JUL-2010 15:41:56	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	43981	No
179	GOM_NL__2PRFIN20100729_154358_000000432091_00340_43981_7947.N1	29-JUL-2010 15:43:58	Dark	43.000	27	24Gam Ori	1.6360	26000.	86	43981	No
180	GOM_NL__2PRFIN20100729_154818_000000512091_00340_43981_7948.N1	29-JUL-2010 15:48:18	Dark	51.000	7	19Bet Ori	0.10000	14000.	102	43981	No
181	GOM_NL__2PRFIN20100729_155234_000000522091_00340_43981_7949.N1	29-JUL-2010 15:52:34	Dark	52.000	165	34Gam Eri	2.9500	3200.0	104	43981	No
182	GOM_NL__2PRFIN20100729_160158_000000452091_00340_43981_7950.N1	29-JUL-2010 16:01:58	Dark	44.500	157	The1Eri	2.9060	9300.0	89	43981	No
183	GOM_NL__2PRFIN20100729_160738_000000442091_00341_43982_7963.N1	29-JUL-2010 16:07:38	Dark	44.000	9	Alp Eri	0.45300	24000.	88	43982	No
184	GOM_NL__2PRFIN20100729_161209_000000552091_00341_43982_7964.N1	29-JUL-2010 16:12:09	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	43982	No
185	GOM_NL__2PRFIN20100729_161438_000000422091_00341_43982_7965.N1	29-JUL-2010 16:14:38	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	43982	No
186	GOM_NL__2PRFIN20100729_161756_000000472091_00341_43982_7966.N1	29-JUL-2010 16:17:56	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	43982	No
187	GOM_NL__2PRFIN20100729_162106_000000442091_00341_43982_7967.N1	29-JUL-2010 16:21:06	Straylight	44.000	172	Gam Gru	3.0030	13100.	88	43982	No
188	GOM_NL__2PRFIN20100729_163719_000000402091_00341_43982_7968.N1	29-JUL-2010 16:37:19	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	43982	No
189	GOM_NL__2PRFIN20100729_164617_000000482091_00341_43982_7969.N1	29-JUL-2010 16:46:17	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	43982	No
190	GOM_NL__2PRFIN20100729_164800_000000382091_00341_43982_7970.N1	29-JUL-2010 16:48:00	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	43982	No
191	GOM_NL__2PRFIN20100729_164922_000000422091_00341_43982_7971.N1	29-JUL-2010 16:49:22	Bright	42.000	19	50Alp Cyg	1.2460	10500.	84	43982	No
192	GOM_NL__2PRFIN20100729_165444_000000422091_00341_43982_7972.N1	29-JUL-2010 16:54:44	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43982	No
193	GOM_NL__2PRFIN20100729_170929_000000682091_00341_43982_7973.N1	29-JUL-2010 17:09:29	Bright	68.000	160	23Gam Per	2.9300	4700.0	136	43982	No
194	GOM_NL__2PRFIN20100729_171105_000000502091_00341_43982_7974.N1	29-JUL-2010 17:11:05	Bright	50.000	35	33Alp Per	1.7950	6250.0	100	43982	No
195	GOM_NL__2PRFIN20100729_171257_000000552091_00341_43982_7975.N1	29-JUL-2010 17:12:57	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	43982	No
196	GOM_NL__2PRFIN20100729_171454_000000442091_00341_43982_7976.N1	29-JUL-2010 17:14:54	Bright	44.000	149	45Eps Per	2.8880	30000.	88	43982	No
197	GOM_NL__2PRFIN20100729_171805_000000482091_00341_43982_7977.N1	29-JUL-2010 17:18:05	Bright	47.500	28	12Bet Tau	1.6500	15200.	95	43982	No
198	GOM_NL__2PRFIN20100729_172008_000000392091_00341_43982_7978.N1	29-JUL-2010 17:20:08	Twi_and_stray	39.000	176	23Zet Tau	3.0200	22000.	78	43982	No
199	GOM_NL__2PRFIN20100729_172233_000000542091_00341_43982_7979.N1	29-JUL-2010 17:22:33	Dark	53.500	13	87Alp Tau	0.86700	3800.0	107	43982	No
200	GOM_NL__2PRFIN20100729_172434_000000422091_00341_43982_7980.N1	29-JUL-2010 17:24:34	Dark	42.000	27	24Gam Ori	1.6360	26000.	84	43982	No
201	GOM_NL__2PRFIN20100729_172854_000000482091_00341_43982_7981.N1	29-JUL-2010 17:28:54	Dark	48.000	7	19Bet Ori	0.10000	14000.	96	43982	No
202	GOM_NL__2PRFIN20100729_173311_000000552091_00341_43982_7982.N1	29-JUL-2010 17:33:11	Dark	54.500	165	34Gam Eri	2.9500	3200.0	109	43982	No
203	GOM_NL__2PRFIN20100729_174235_000000462091_00341_43982_7983.N1	29-JUL-2010 17:42:35	Dark	46.000	157	The1Eri	2.9060	9300.0	92	43982	No
204	GOM_NL__2PRFIN20100729_174815_000000472091_00342_43983_7993.N1	29-JUL-2010 17:48:15	Dark	46.500	9	Alp Eri	0.45300	24000.	93	43983	No
205	GOM_NL__2PRFIN20100729_175246_000000562091_00342_43983_7994.N1	29-JUL-2010 17:52:46	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	43983	No
206	GOM_NL__2PRFIN20100729_175515_000000412091_00342_43983_7995.N1	29-JUL-2010 17:55:15	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	43983	No
207	GOM_NL__2PRFIN20100729_175833_000000452091_00342_43983_7996.N1	29-JUL-2010 17:58:33	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	43983	No
208	GOM_NL__2PRFIN20100729_180142_000000492091_00342_43983_7997.N1	29-JUL-2010 18:01:42	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	43983	No
209	GOM_NL__2PRFIN20100729_181755_000000402091_00342_43983_7998.N1	29-JUL-2010 18:17:55	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	43983	No
210	GOM_NL__2PRFIN20100729_182653_000000492091_00342_43983_7999.N1	29-JUL-2010 18:26:53	Bright	48.500	92	53Eps Cyg	2.5000	4500.0	97	43983	No
211	GOM_NL__2PRFIN20100729_182836_000000402091_00342_43983_8000.N1	29-JUL-2010 18:28:36	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	43983	No
212	GOM_NL__2PRFIN20100729_182957_000000442091_00342_43983_8001.N1	29-JUL-2010 18:29:57	Bright	44.000	19	50Alp Cyg	1.2460	10500.	88	43983	No
213	GOM_NL__2PRFIN20100729_183520_000000422091_00342_43983_8002.N1	29-JUL-2010 18:35:20	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	43983	No
214	GOM_NL__2PRFIN20100729_185004_000000482091_00342_43983_8003.N1	29-JUL-2010 18:50:04	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	43983	No
215	GOM_NL__2PRFIN20100729_185140_000000492091_00342_43983_8004.N1	29-JUL-2010 18:51:40	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	43983	No
216	GOM_NL__2PRFIN20100729_185333_000000532091_00342_43983_8005.N1	29-JUL-2010 18:53:33	Bright	52.500	6	13Alp Aur	0.080000	3400.0	105	43983	No
217	GOM_NL__2PRFIN20100729_185529_000000442091_00342_43983_8006.N1	29-JUL-2010 18:55:29	Bright	43.500	149	45Eps Per	2.8880	30000.	87	43983	No
218	GOM_NL__2PRFIN20100729_185842_000000442091_00342_43983_8007.N1	29-JUL-2010 18:58:42	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	43983	No
219	GOM_NL__2PRFIN20100729_190044_000000422091_00342_43983_8008.N1	29-JUL-2010 19:00:44	Twi_and_stray	41.500	176	23Zet Tau	3.0200	22000.	83	43983	No

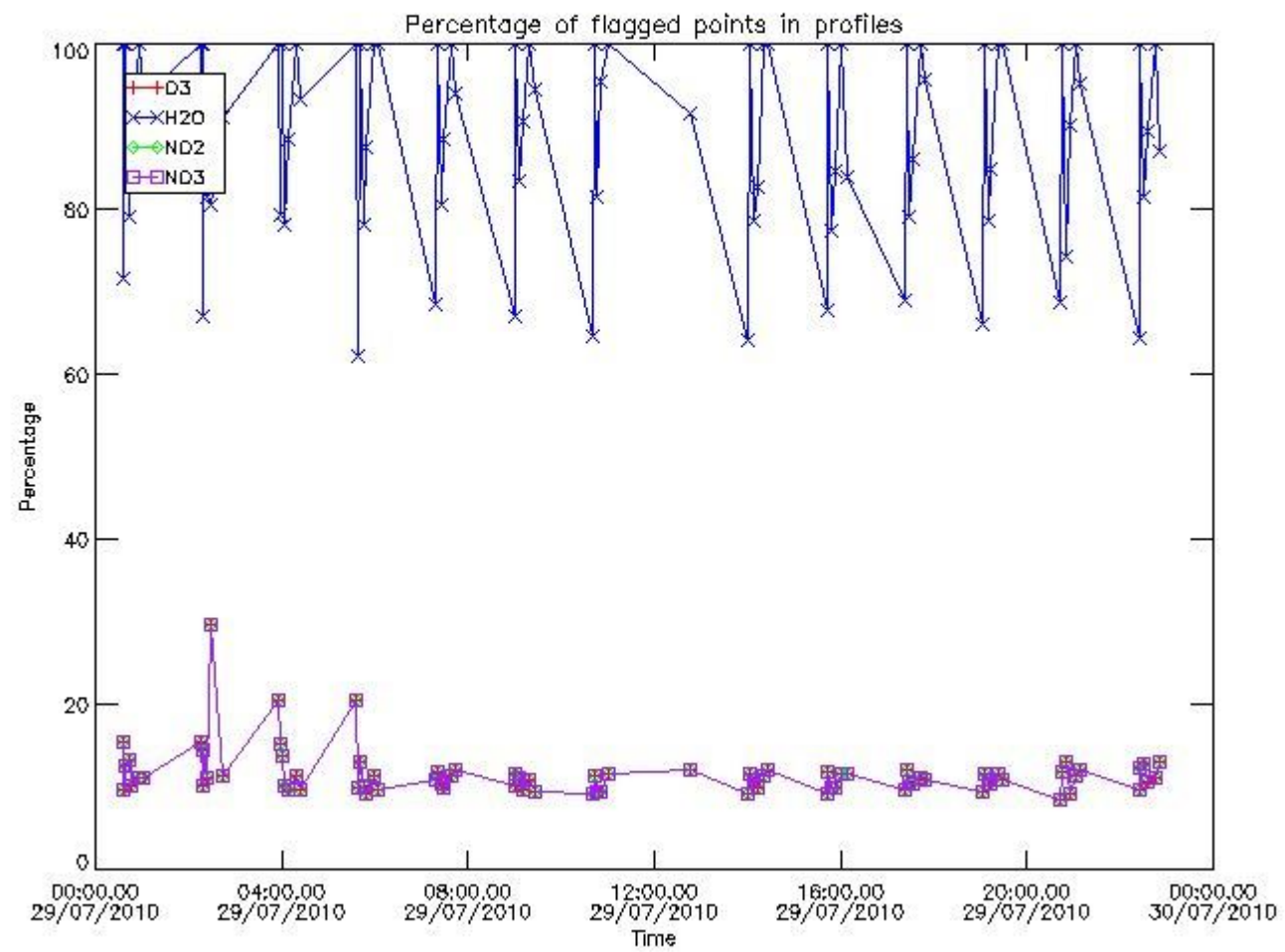
220	GOM_NL__2PRFIN20100729_190309_000000602091_00342_43983_8009.N1	29-JUL-2010 19:03:09	Dark	59.500	13	87Alp Tau	0.86700	3800.0	119	43983	No
221	GOM_NL__2PRFIN20100729_190511_000000442091_00342_43983_8010.N1	29-JUL-2010 19:05:11	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	43983	No
222	GOM_NL__2PRFIN20100729_190930_000000472091_00342_43983_8011.N1	29-JUL-2010 19:09:30	Dark	47.000	7	19Bet Ori	0.10000	14000.	94	43983	No
223	GOM_NL__2PRFIN20100729_191348_000000502091_00342_43983_8012.N1	29-JUL-2010 19:13:48	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	43983	No
224	GOM_NL__2PRFIN20100729_192311_000000452091_00342_43983_8013.N1	29-JUL-2010 19:23:11	Dark	44.500	157	The1Eri	2.9060	9300.0	89	43983	No
225	GOM_NL__2PRFIN20100729_192851_000000472091_00343_43984_8023.N1	29-JUL-2010 19:28:51	Dark	46.500	9	Alp Eri	0.45300	24000.	93	43984	No
226	GOM_NL__2PRFIN20100729_193324_000000632091_00343_43984_8024.N1	29-JUL-2010 19:33:24	Straylight	63.000	84	Alp Phe	2.3970	4500.0	126	43984	No
227	GOM_NL__2PRFIN20100729_193551_000000432091_00343_43984_8025.N1	29-JUL-2010 19:35:51	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	43984	No
228	GOM_NL__2PRFIN20100729_193909_000000532091_00343_43984_8026.N1	29-JUL-2010 19:39:09	Straylight	52.500	31	Alp Gru	1.7340	15200.	105	43984	No
229	GOM_NL__2PRFIN20100729_194219_000000462091_00343_43984_8027.N1	29-JUL-2010 19:42:19	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	43984	No
230	GOM_NL__2PRFIN20100729_195831_000000392091_00343_43984_8028.N1	29-JUL-2010 19:58:31	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	43984	No
231	GOM_NL__2PRFIN20100729_200728_000000452091_00343_43984_8029.N1	29-JUL-2010 20:07:28	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	43984	No
232	GOM_NL__2PRFIN20100729_200911_000000382091_00343_43984_8030.N1	29-JUL-2010 20:09:11	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	43984	No
233	GOM_NL__2PRFIN20100729_201033_000000482091_00343_43984_8031.N1	29-JUL-2010 20:10:33	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	43984	No
234	GOM_NL__2PRFIN20100729_201555_000000432091_00343_43984_8032.N1	29-JUL-2010 20:15:55	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43984	No
235	GOM_NL__2PRFIN20100729_203040_000000502091_00343_43984_8033.N1	29-JUL-2010 20:30:40	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	43984	No
236	GOM_NL__2PRFIN20100729_203216_000000492091_00343_43984_8034.N1	29-JUL-2010 20:32:16	Bright	49.000	35	33Alp Per	1.7950	6250.0	98	43984	No
237	GOM_NL__2PRFIN20100729_203409_000000552091_00343_43984_8035.N1	29-JUL-2010 20:34:09	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	43984	No
238	GOM_NL__2PRFIN20100729_203605_000000442091_00343_43984_8036.N1	29-JUL-2010 20:36:05	Bright	44.000	149	45Eps Per	2.8880	30000.	88	43984	No
239	GOM_NL__2PRFIN20100729_203918_000000452091_00343_43984_8037.N1	29-JUL-2010 20:39:18	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	43984	No
240	GOM_NL__2PRFIN20100729_204120_000000412091_00343_43984_8038.N1	29-JUL-2010 20:41:20	Tw_i_and_stray	41.000	176	23Zet Tau	3.0200	22000.	82	43984	No
241	GOM_NL__2PRFIN20100729_204345_000000612091_00343_43984_8039.N1	29-JUL-2010 20:43:45	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	43984	No
242	GOM_NL__2PRFIN20100729_204547_000000432091_00343_43984_8040.N1	29-JUL-2010 20:45:47	Dark	43.000	27	24Gam Ori	1.6360	26000.	86	43984	No
243	GOM_NL__2PRFIN20100729_205007_000000432091_00343_43984_8041.N1	29-JUL-2010 20:50:07	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	43984	No
244	GOM_NL__2PRFIN20100729_205425_000000562091_00343_43984_8042.N1	29-JUL-2010 20:54:25	Dark	56.000	165	34Gam Eri	2.9500	3200.0	112	43984	No
245	GOM_NL__2PRFIN20100729_210348_000000452091_00343_43984_8043.N1	29-JUL-2010 21:03:48	Dark	45.000	157	The1Eri	2.9060	9300.0	90	43984	No
246	GOM_NL__2PRFIN20100729_210928_000000422091_00344_43985_8047.N1	29-JUL-2010 21:09:28	Dark	42.000	9	Alp Eri	0.45300	24000.	84	43985	No
247	GOM_NL__2PRFIN20100729_211400_000000542091_00344_43985_8048.N1	29-JUL-2010 21:14:00	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	43985	No
248	GOM_NL__2PRFIN20100729_211628_000000412091_00344_43985_8049.N1	29-JUL-2010 21:16:28	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	43985	No
249	GOM_NL__2PRFIN20100729_211946_000000452091_00344_43985_8050.N1	29-JUL-2010 21:19:46	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	43985	No
250	GOM_NL__2PRFIN20100729_212256_000000462091_00344_43985_8051.N1	29-JUL-2010 21:22:56	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	43985	No
251	GOM_NL__2PRFIN20100729_213907_000000392091_00344_43985_8052.N1	29-JUL-2010 21:39:07	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	43985	No
252	GOM_NL__2PRFIN20100729_214803_000000442091_00344_43985_8053.N1	29-JUL-2010 21:48:03	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	43985	No
253	GOM_NL__2PRFIN20100729_214947_000000372091_00344_43985_8054.N1	29-JUL-2010 21:49:47	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	43985	No
254	GOM_NL__2PRFIN20100729_215108_000000462091_00344_43985_8055.N1	29-JUL-2010 21:51:08	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	43985	No
255	GOM_NL__2PRFIN20100729_215631_000000432091_00344_43985_8056.N1	29-JUL-2010 21:56:31	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	43985	No
256	GOM_NL__2PRFIN20100729_221116_000000472091_00344_43985_8057.N1	29-JUL-2010 22:11:16	Bright	46.500	160	23Gam Per	2.9300	4700.0	93	43985	No
257	GOM_NL__2PRFIN20100729_221252_000000482091_00344_43985_8058.N1	29-JUL-2010 22:12:52	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	43985	No
258	GOM_NL__2PRFIN20100729_221445_000000422091_00344_43985_8059.N1	29-JUL-2010 22:14:45	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	43985	No
259	GOM_NL__2PRFIN20100729_221641_000000452091_00344_43985_8060.N1	29-JUL-2010 22:16:41	Bright	44.500	149	45Eps Per	2.8880	30000.	89	43985	No
260	GOM_NL__2PRFIN20100729_221954_000000552091_00344_43985_8061.N1	29-JUL-2010 22:19:54	Bright	55.000	28	12Bet Tau	1.6500	15200.	110	43985	No
261	GOM_NL__2PRFIN20100729_222156_000000422091_00344_43985_8062.N1	29-JUL-2010 22:21:56	Tw_i_and_stray	41.500	176	23Zet Tau	3.0200	22000.	83	43985	No
262	GOM_NL__2PRFIN20100729_222421_000000532091_00344_43985_8063.N1	29-JUL-2010 22:24:21	Dark	52.500	13	87Alp Tau	0.86700	3800.0	105	43985	No
263	GOM_NL__2PRFIN20100729_222623_000000422091_00344_43985_8064.N1	29-JUL-2010 22:26:23	Dark	41.500	27	24Gam Ori	1.6360	26000.	83	43985	No
264	GOM_NL__2PRFIN20100729_223043_000000432091_00344_43985_8065.N1	29-JUL-2010 22:30:43	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	43985	No
265	GOM_NL__2PRFIN20100729_223501_000000532091_00344_43985_8066.N1	29-JUL-2010 22:35:01	Dark	52.500	165	34Gam Eri	2.9500	3200.0	105	43985	No
266	GOM_NL__2PRFIN20100729_224425_000000462091_00344_43985_8067.N1	29-JUL-2010 22:44:25	Dark	45.500	157	The1Eri	2.9060	9300.0	91	43985	No
267	GOM_NL__2PRFIN20100729_225005_000000432091_00345_43986_8077.N1	29-JUL-2010 22:50:05	Dark	43.000	9	Alp Eri	0.45300	24000.	86	43986	No
268	GOM_NL__2PRFIN20100729_225437_000000562091_00345_43986_8078.N1	29-JUL-2010 22:54:37	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	43986	No
269	GOM_NL__2PRFIN20100729_225704_000000502091_00345_43986_8079.N1	29-JUL-2010 22:57:04	Straylight	49.500	148	Alp Tuc	2.8780	4100.0	99	43986	No
270	GOM_NL__2PRFIN20100729_230022_000000452091_00345_43986_8080.N1	29-JUL-2010 23:00:22	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	43986	No
271	GOM_NL__2PRFIN20100729_230332_000000472091_00345_43986_8081.N1	29-JUL-2010 23:03:32	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	43986	No
272	GOM_NL__2PRFIN20100729_231942_000000392091_00345_43986_8082.N1	29-JUL-2010 23:19:42	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	43986	No
273	GOM_NL__2PRFIN20100729_232839_000000452091_00345_43986_8083.N1	29-JUL-2010 23:28:39	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	43986	No
274	GOM_NL__2PRFIN20100729_233023_000000392091_00345_43986_8084.N1	29-JUL-2010 23:30:23	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	43986	No
275	GOM_NL__2PRFIN20100729_233143_000000452091_00345_43986_8085.N1	29-JUL-2010 23:31:43	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	43986	No
276	GOM_NL__2PRFIN20100729_233706_000000382091_00345_43986_8086.N1	29-JUL-2010 23:37:06	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	43986	No
277	GOM_NL__2PRFIN20100729_235151_000000482091_00345_43986_8087.N1	29-JUL-2010 23:51:51	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	43986	No
278	GOM_NL__2PRFIN20100729_235327_000000482091_00345_43986_8088.N1	29-JUL-2010 23:53:27	Bright	48.000	35	33Alp Per	1.7950	6250.0	96	43986	No

279	GOM_NL__2PRFIN20100729_235520_000000422091_00345_43986_8089.N1	29-JUL-2010 23:55:20	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	43986	No
280	GOM_NL__2PRFIN20100729_235717_000000442091_00345_43986_8090.N1	29-JUL-2010 23:57:17	Bright	44.000	149	45Eps Per	2.8880	30000.	88	43986	No

3. Quality information per product

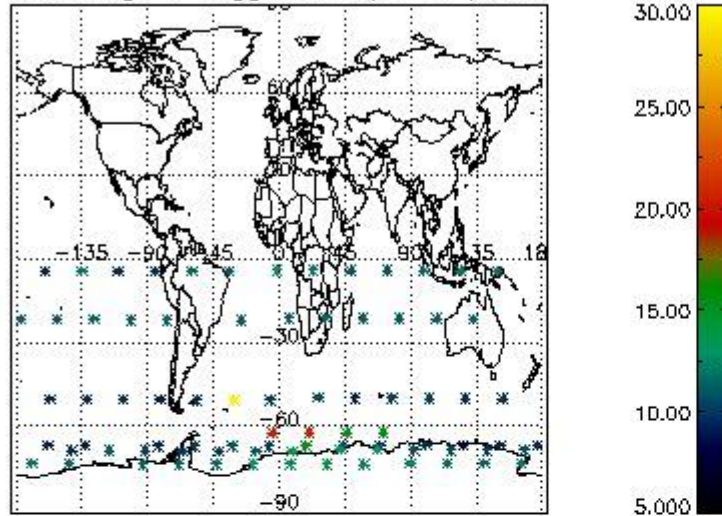
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

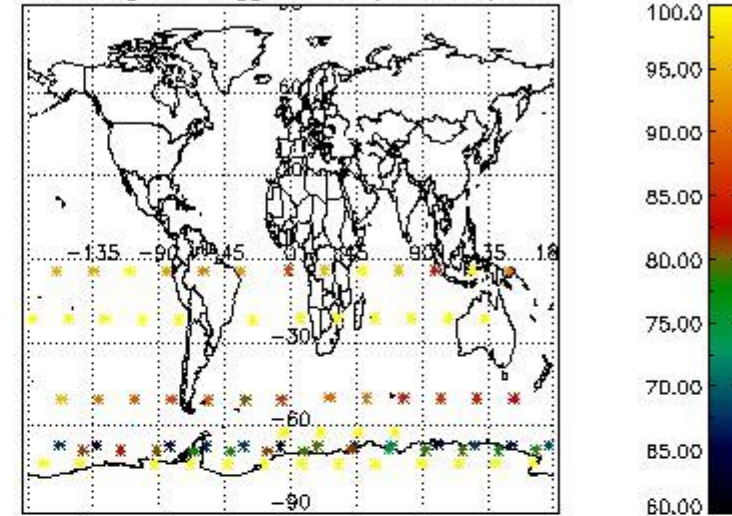


3.2 Plot quality information per product (world map)

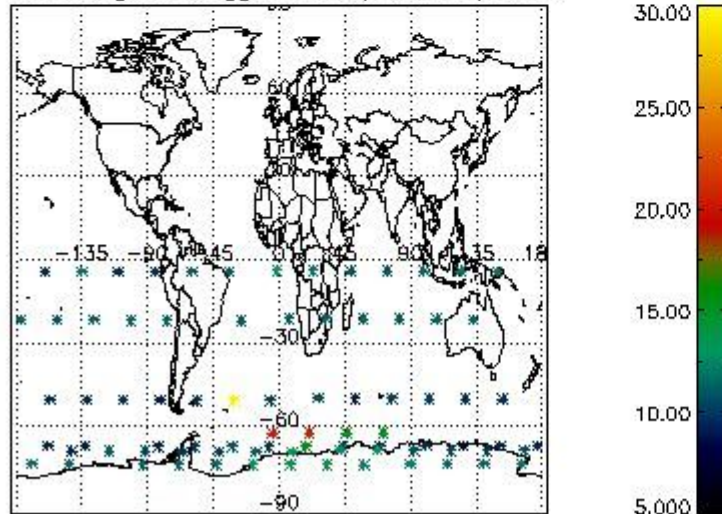
Percentage of flagged data per O3 profile



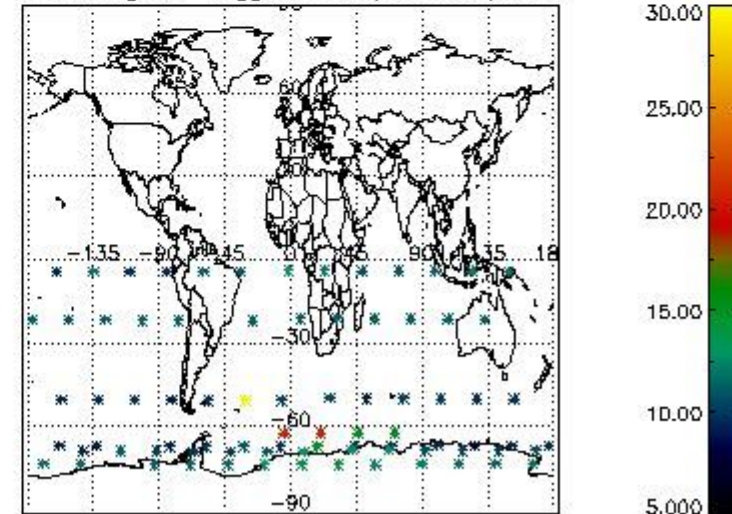
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

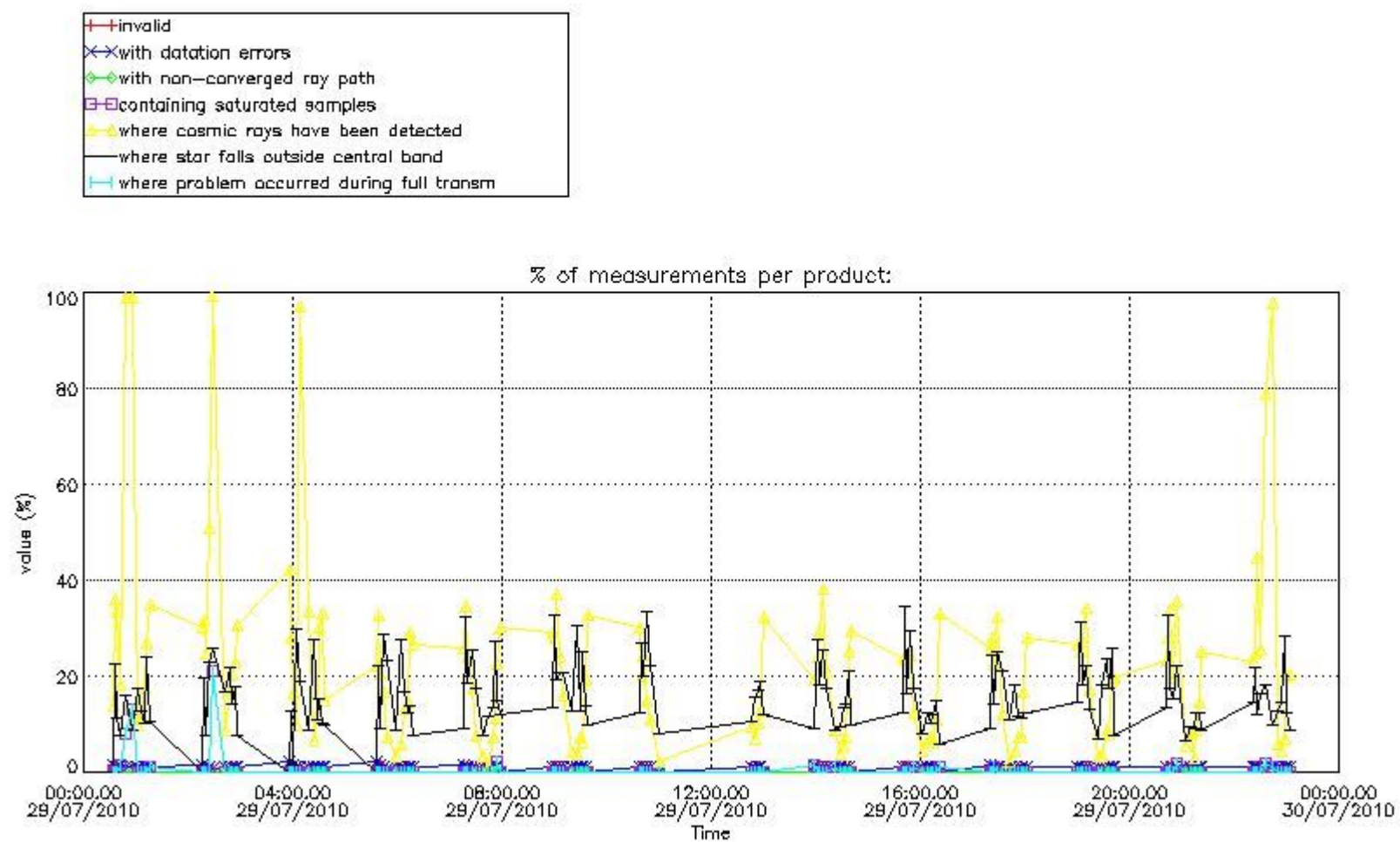


4. Level 1 quality information per product

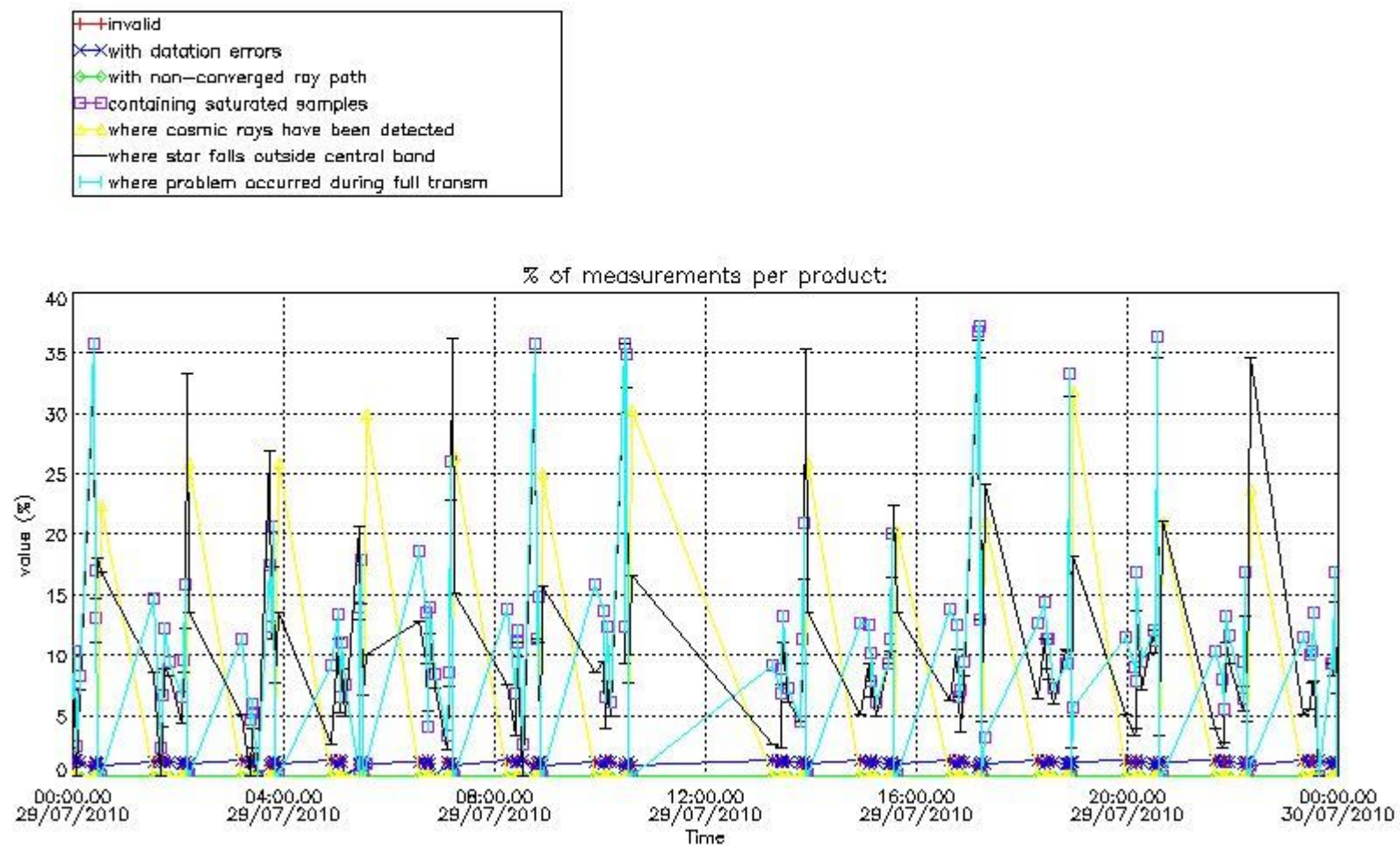
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



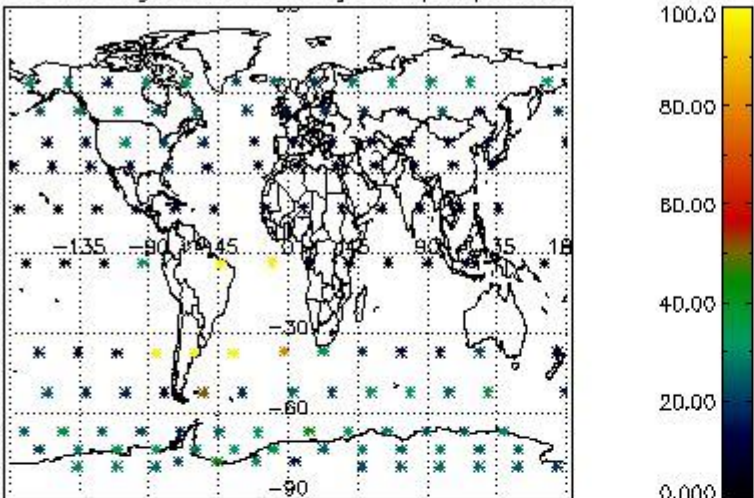
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



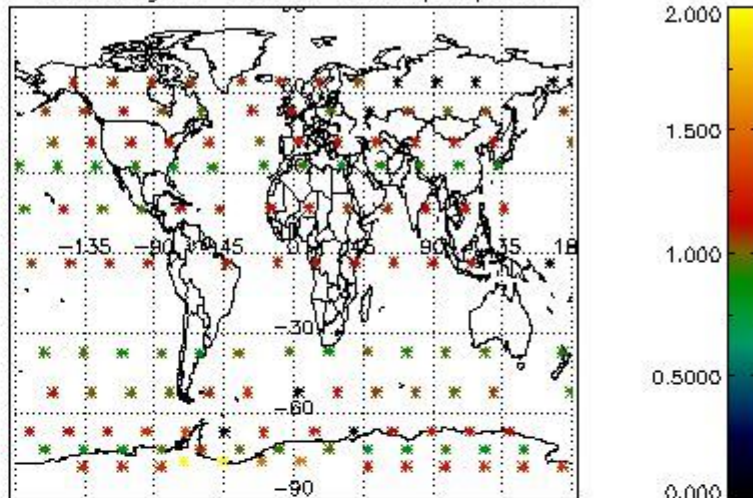
4.2 Plot quality information per product coming from level 1b processing (world map)

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

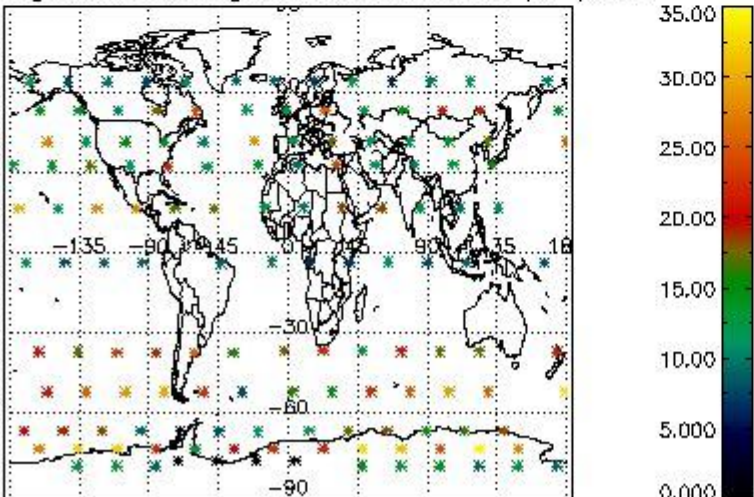
Percentage of cosmic ray hits per profile



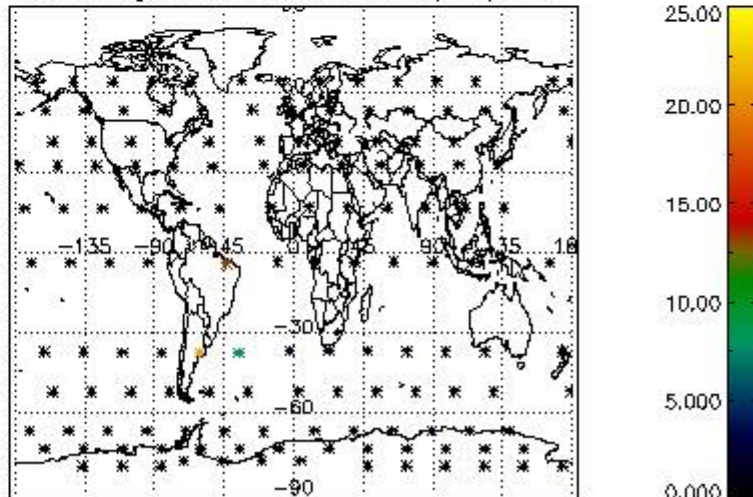
Percentage of datation errors per profile



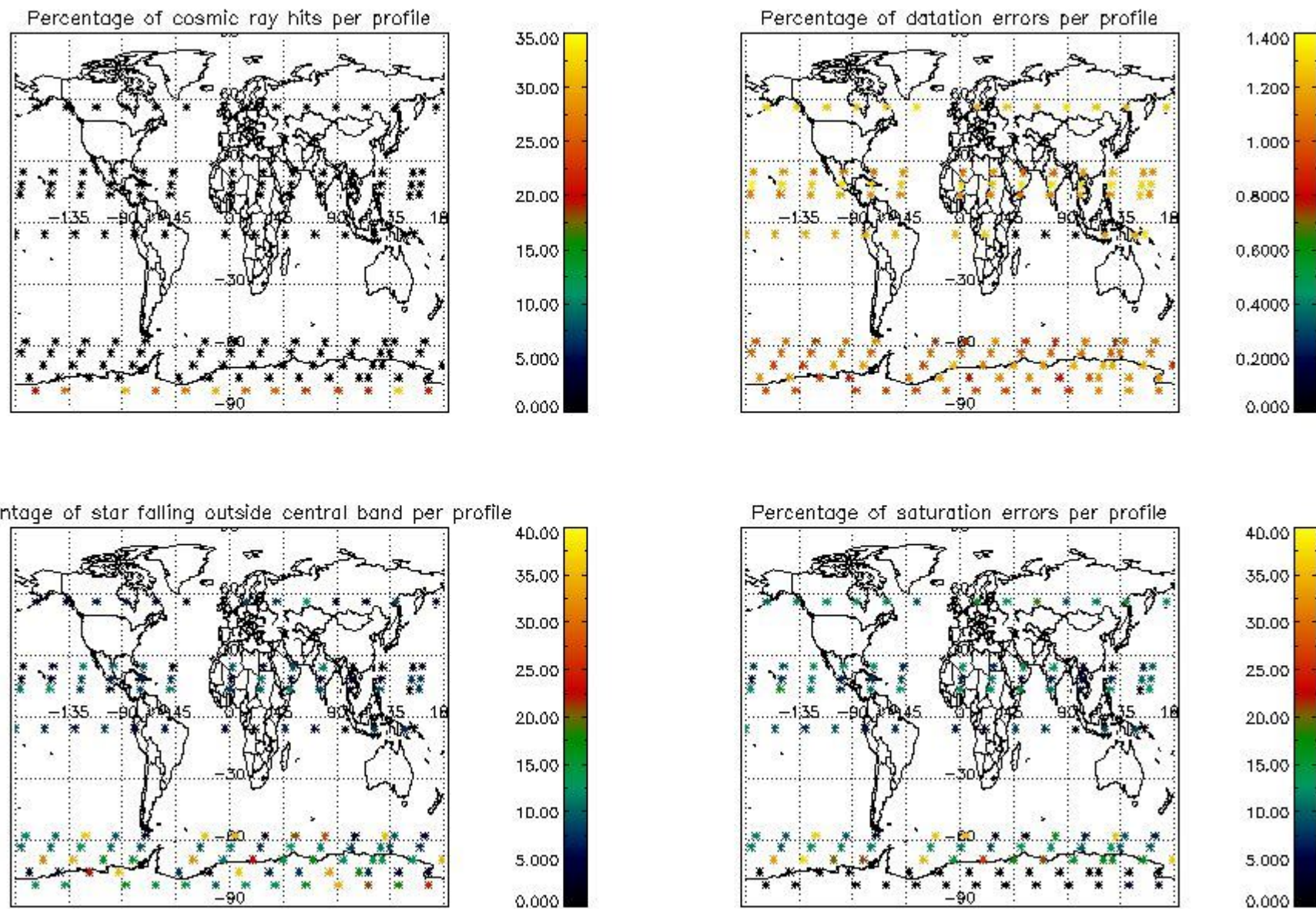
Percentage of star falling outside central band per profile



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

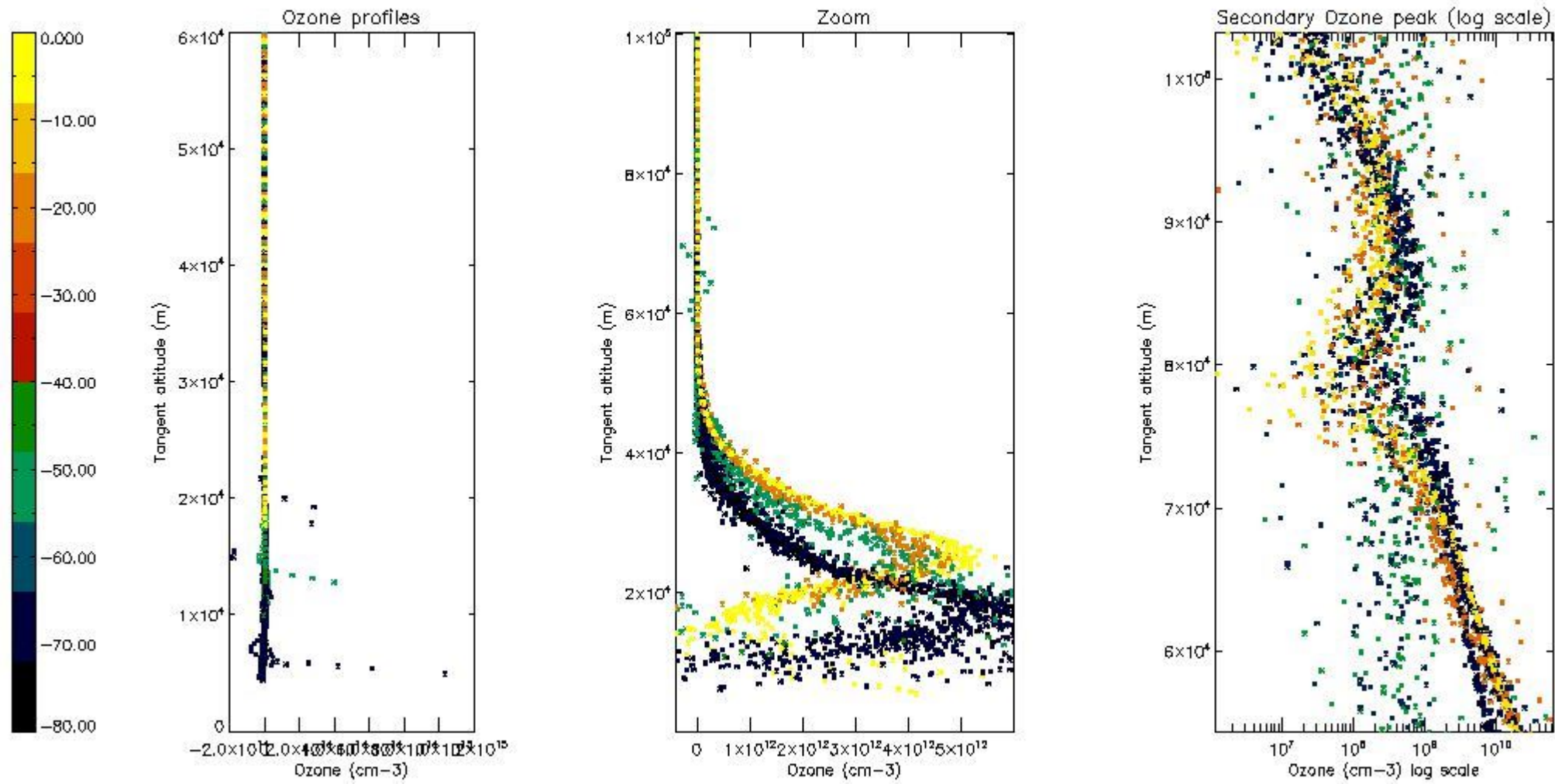
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	15

STD < 10	11
STD < 5	8

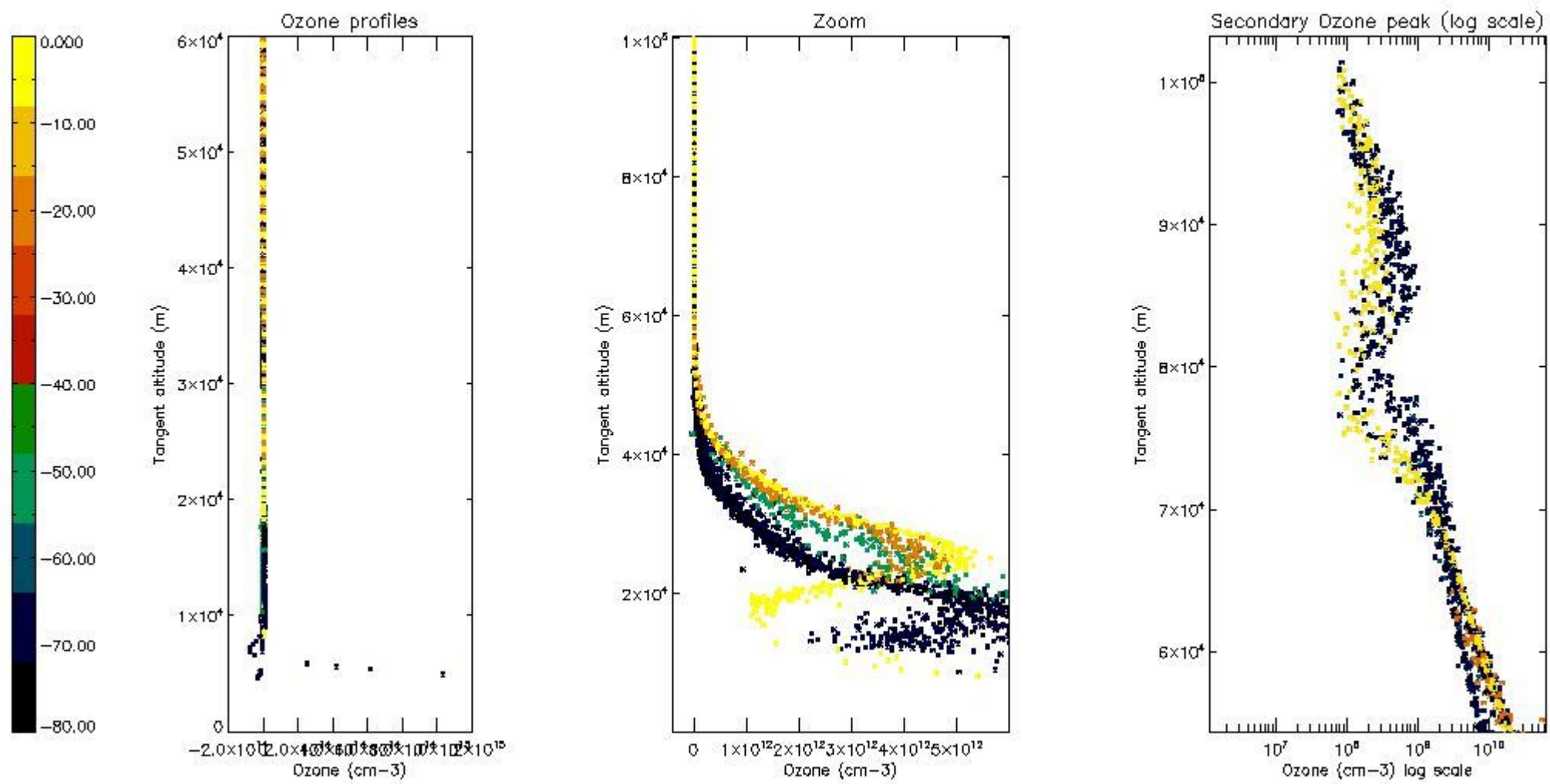
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



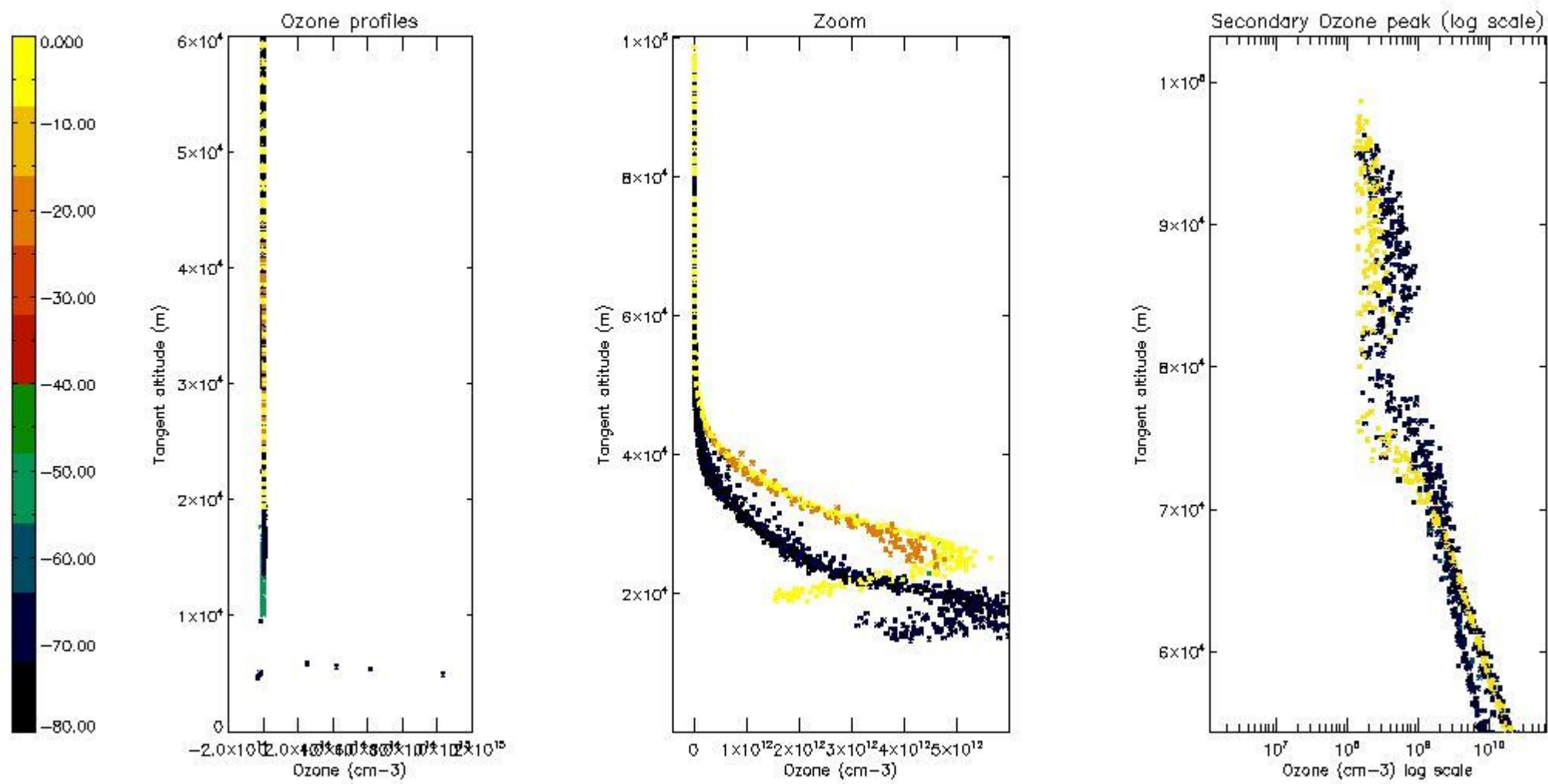
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



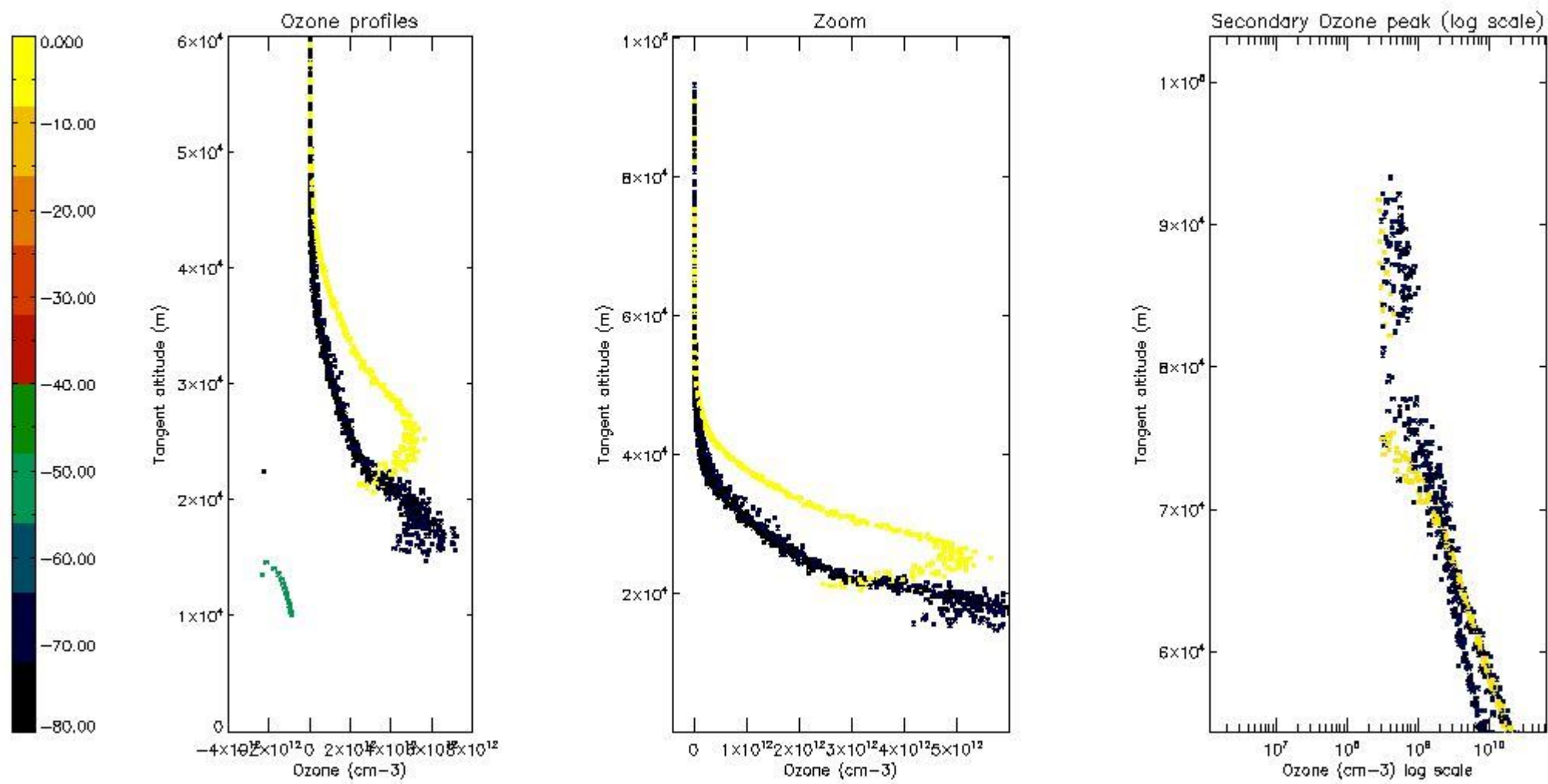
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



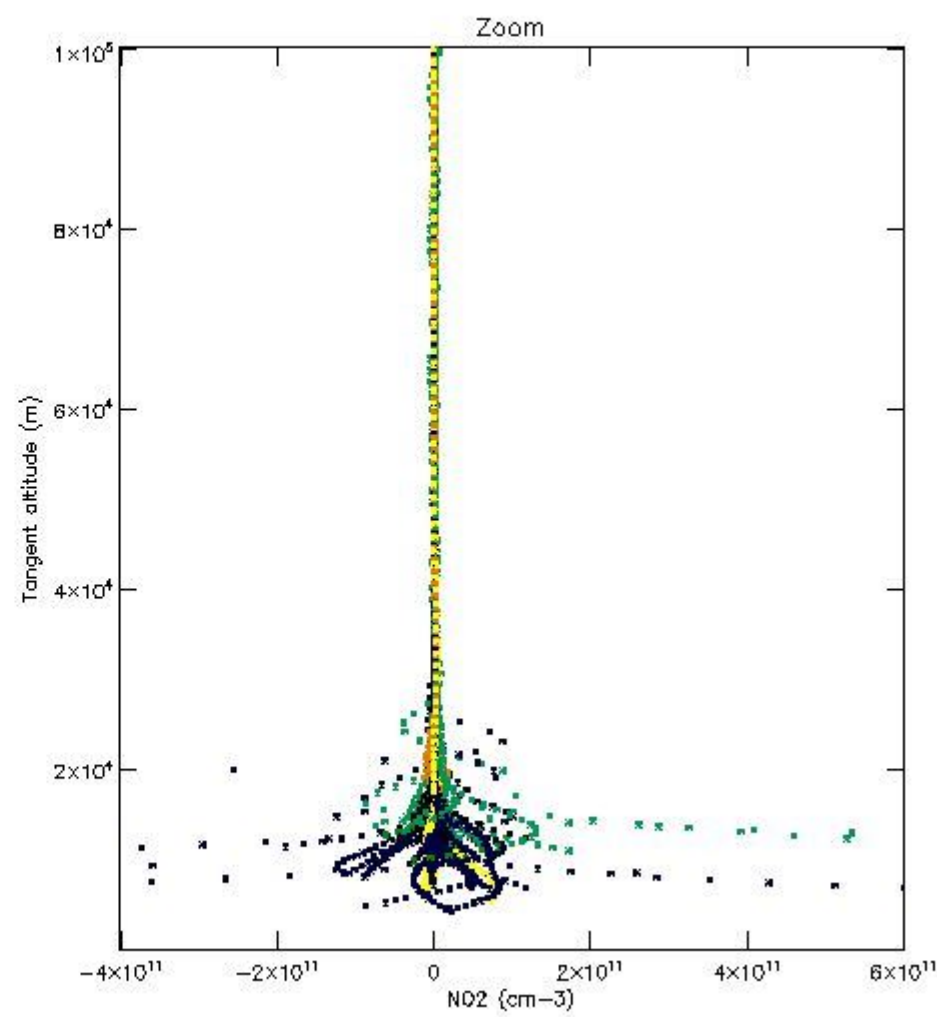
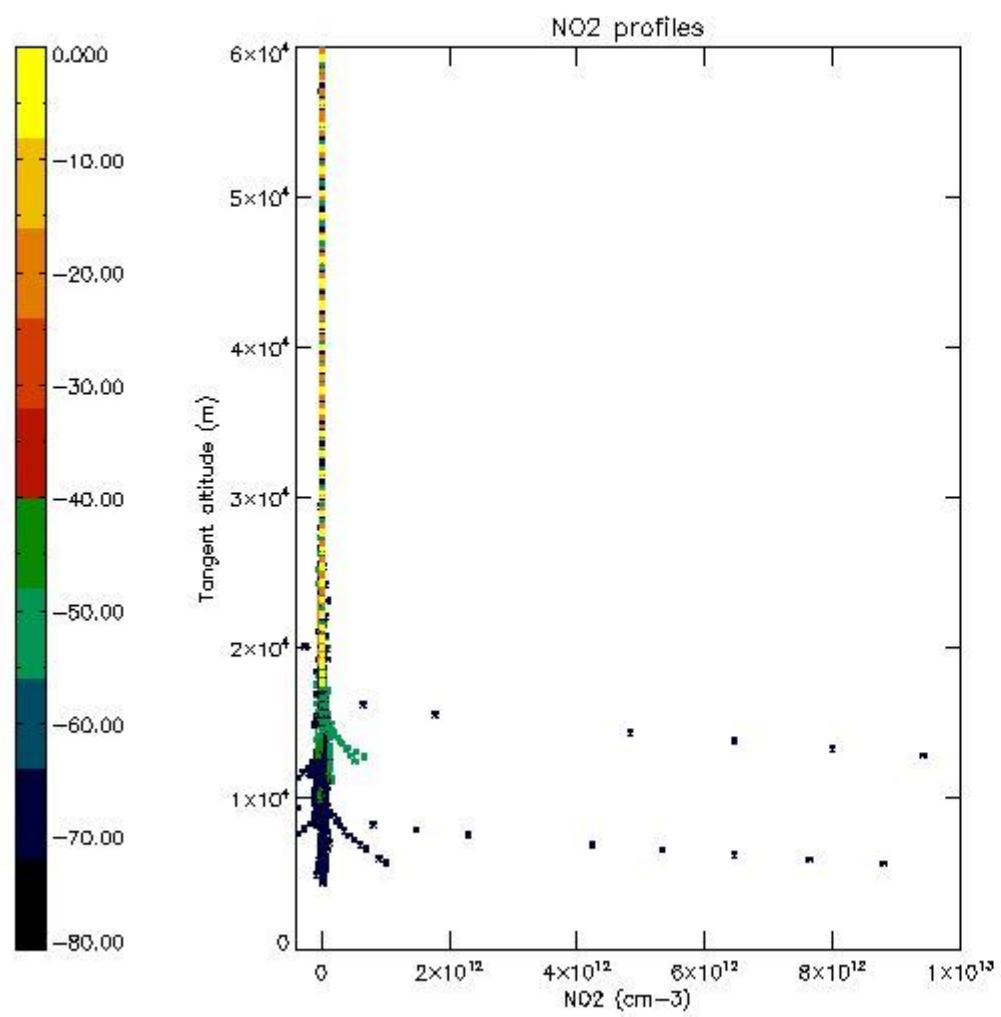
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



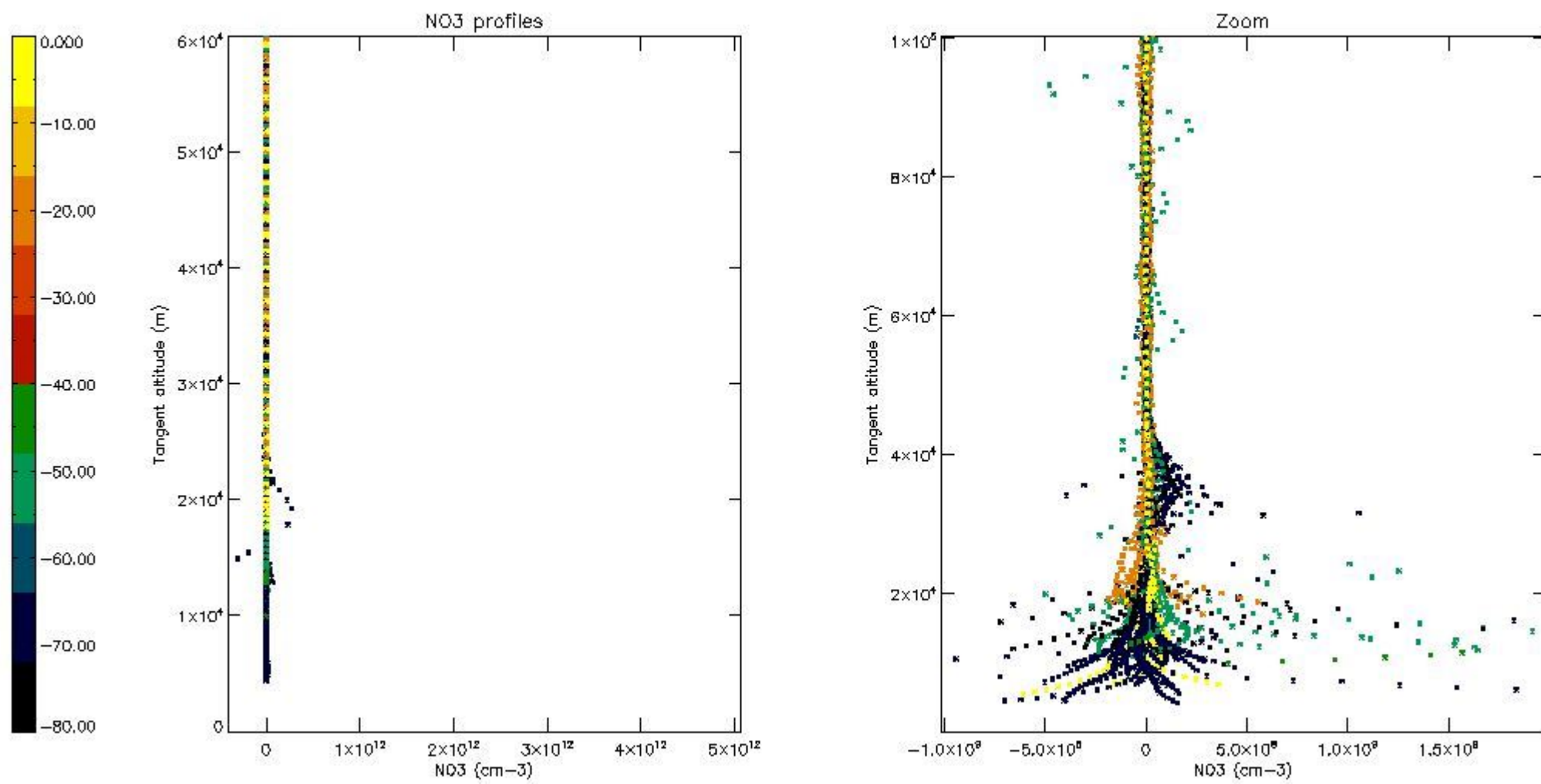
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



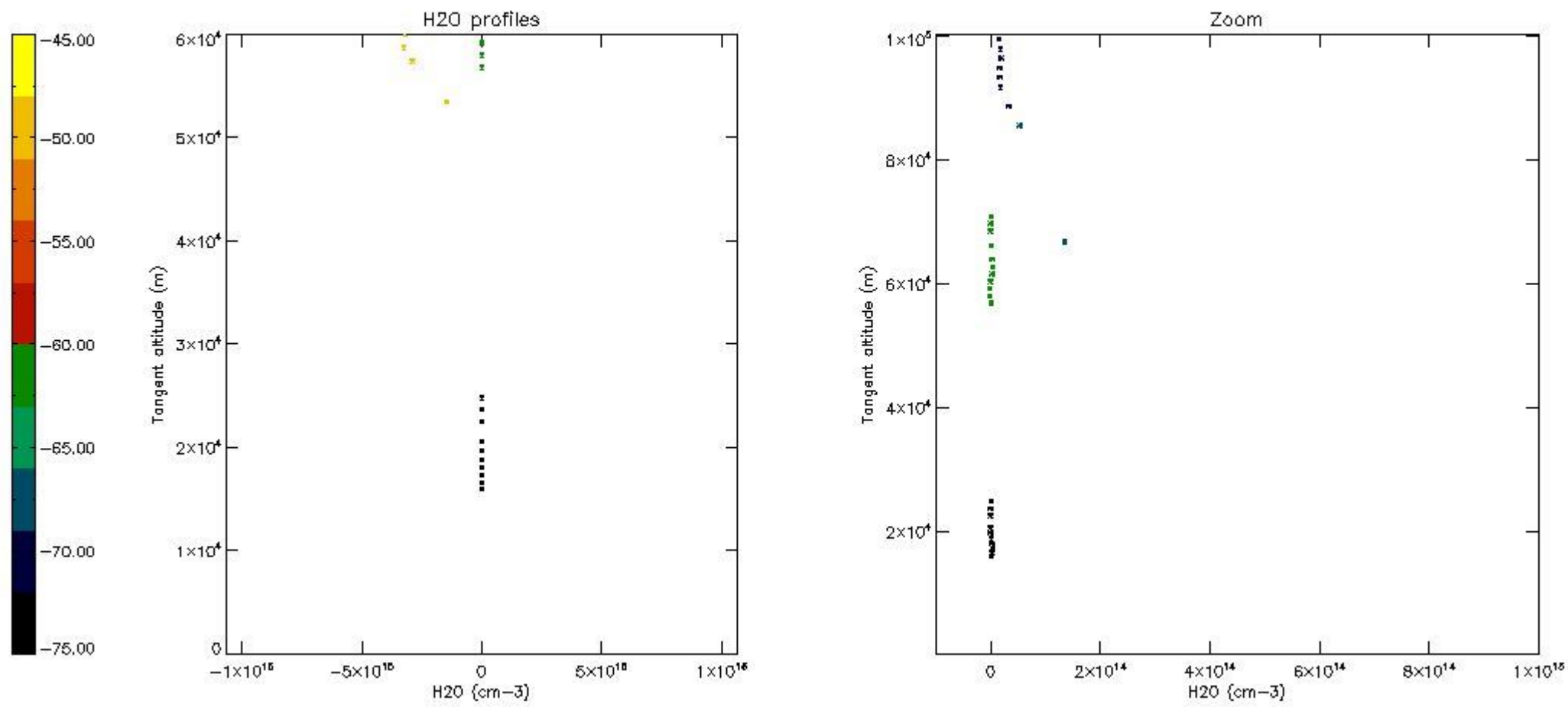
5.7 Plot NO3 profiles for all STD (dark without errors)

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	29-JUL-2010 00:00:24
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-JUL-2010 00:00:24
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-JUL-2010 00:00:24

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 13:34:12
Data source version	GOMOS/6.01
Start time of products	29-07-2010 (29JUL2010 00:00:00)
Stop time of products	30-07-2010 (30JUL2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	280
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__2PRFIN20100729_000024_000000442091_00331_43972_7689.N1	29-JUL-2010 00:00:24	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	43972	No
2	GOM_NL__2PRFIN20100729_000204_000000392091_00331_43972_7690.N1	29-JUL-2010 00:02:04	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	43972	No
3	GOM_NL__2PRFIN20100729_000328_000000402091_00331_43972_7691.N1	29-JUL-2010 00:03:28	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	43972	No
4	GOM_NL__2PRFIN20100729_000849_000000422091_00331_43972_7692.N1	29-JUL-2010 00:08:49	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43972	No
5	GOM_NL__2PRFIN20100729_002333_000000672091_00331_43972_7693.N1	29-JUL-2010 00:23:33	Bright	67.000	160	23Gam Per	2.9300	4700.0	134	43972	No
6	GOM_NL__2PRFIN20100729_002508_000000502091_00331_43972_7694.N1	29-JUL-2010 00:25:08	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	43972	No
7	GOM_NL__2PRFIN20100729_002657_000000412091_00331_43972_7695.N1	29-JUL-2010 00:26:57	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	43972	No
8	GOM_NL__2PRFIN20100729_002854_000000502091_00331_43972_7696.N1	29-JUL-2010 00:28:54	Bright	50.000	149	45Eps Per	2.8880	30000.	100	43972	No
9	GOM_NL__2PRFIN20100729_003152_000000542091_00331_43972_7697.N1	29-JUL-2010 00:31:52	Twilight	53.500	150	44Zet Per	2.8900	28000.	107	43972	No
10	GOM_NL__2PRFIN20100729_003454_000000332091_00331_43972_7698.N1	29-JUL-2010 00:34:54	Dark	33.000	146	25Eta Tau	2.8730	15200.	66	43972	No
11	GOM_NL__2PRFIN20100729_003630_000000532091_00331_43972_7699.N1	29-JUL-2010 00:36:30	Dark	53.000	13	87Alp Tau	0.86700	3800.0	106	43972	No
12	GOM_NL__2PRFIN20100729_003832_000000412091_00331_43972_7700.N1	29-JUL-2010 00:38:32	Dark	40.500	27	24Gam Ori	1.6360	26000.	81	43972	No
13	GOM_NL__2PRFIN20100729_004251_000000392091_00331_43972_7701.N1	29-JUL-2010 00:42:51	Dark	38.500	7	19Bet Ori	0.10000	14000.	77	43972	No
14	GOM_NL__2PRFIN20100729_004703_000000502091_00331_43972_7702.N1	29-JUL-2010 00:47:03	Dark	50.000	165	34Gam Eri	2.9500	3200.0	100	43972	No
15	GOM_NL__2PRFIN20100729_005626_000000462091_00331_43972_7703.N1	29-JUL-2010 00:56:26	Dark	45.500	157	The1Eri	2.9060	9300.0	91	43972	No
16	GOM_NL__2PRFIN20100729_010209_000000462091_00332_43973_7694.N1	29-JUL-2010 01:02:09	Dark	46.000	9	Alp Eri	0.45300	24000.	92	43973	No
17	GOM_NL__2PRFIN20100729_010636_000000562091_00332_43973_7695.N1	29-JUL-2010 01:06:36	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	43973	No
18	GOM_NL__2PRFIN20100729_010911_000000402091_00332_43973_7696.N1	29-JUL-2010 01:09:11	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	43973	No
19	GOM_NL__2PRFIN20100729_011228_000000522091_00332_43973_7697.N1	29-JUL-2010 01:12:28	Straylight	52.000	31	Alp Gru	1.7340	15200.	104	43973	No
20	GOM_NL__2PRFIN20100729_011538_000000482091_00332_43973_7698.N1	29-JUL-2010 01:15:38	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	43973	No
21	GOM_NL__2PRFIN20100729_013157_000000412091_00332_43973_7699.N1	29-JUL-2010 01:31:57	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	43973	No
22	GOM_NL__2PRFIN20100729_014059_000000422091_00332_43973_7700.N1	29-JUL-2010 01:40:59	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	43973	No
23	GOM_NL__2PRFIN20100729_014239_000000382091_00332_43973_7701.N1	29-JUL-2010 01:42:39	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	43973	No
24	GOM_NL__2PRFIN20100729_014403_000000452091_00332_43973_7702.N1	29-JUL-2010 01:44:03	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	43973	No
25	GOM_NL__2PRFIN20100729_014925_000000432091_00332_43973_7703.N1	29-JUL-2010 01:49:25	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43973	No
26	GOM_NL__2PRFIN20100729_020408_000000462091_00332_43973_7704.N1	29-JUL-2010 02:04:08	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	43973	No
27	GOM_NL__2PRFIN20100729_020544_000000472091_00332_43973_7705.N1	29-JUL-2010 02:05:44	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	43973	No
28	GOM_NL__2PRFIN20100729_020733_000000412091_00332_43973_7706.N1	29-JUL-2010 02:07:33	Bright	41.000	6	13Alp Aur	0.080000	3400.0	82	43973	No
29	GOM_NL__2PRFIN20100729_020930_000000622091_00332_43973_7707.N1	29-JUL-2010 02:09:30	Bright	61.500	149	45Eps Per	2.8880	30000.	123	43973	No
30	GOM_NL__2PRFIN20100729_021229_000000522091_00332_43973_7708.N1	29-JUL-2010 02:12:29	Twilight	52.000	150	44Zet Per	2.8900	28000.	104	43973	No
31	GOM_NL__2PRFIN20100729_021530_000000332091_00332_43973_7709.N1	29-JUL-2010 02:15:30	Dark	33.000	146	25Eta Tau	2.8730	15200.	66	43973	No
32	GOM_NL__2PRFIN20100729_021706_000000512091_00332_43973_7710.N1	29-JUL-2010 02:17:06	Dark	50.500	13	87Alp Tau	0.86700	3800.0	101	43973	No
33	GOM_NL__2PRFIN20100729_021908_000000392091_00332_43973_7711.N1	29-JUL-2010 02:19:08	Dark	38.500	27	24Gam Ori	1.6360	26000.	77	43973	No
34	GOM_NL__2PRFIN20100729_022327_000000462091_00332_43973_7712.N1	29-JUL-2010 02:23:27	Dark	46.000	7	19Bet Ori	0.10000	14000.	92	43973	No
35	GOM_NL__2PRFIN20100729_022740_000000572091_00332_43973_7713.N1	29-JUL-2010 02:27:40	Dark	56.500	165	34Gam Eri	2.9500	3200.0	113	43973	No
36	GOM_NL__2PRFIN20100729_024245_000000452091_00333_43974_7707.N1	29-JUL-2010 02:42:45	Dark	45.000	9	Alp Eri	0.45300	24000.	90	43974	No
37	GOM_NL__2PRFIN20100729_024713_000000622091_00333_43974_7708.N1	29-JUL-2010 02:47:13	Straylight	62.000	84	Alp Phe	2.3970	4500.0	124	43974	No
38	GOM_NL__2PRFIN20100729_024947_000000422091_00333_43974_7709.N1	29-JUL-2010 02:49:47	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	43974	No
39	GOM_NL__2PRFIN20100729_025304_000000482091_00333_43974_7710.N1	29-JUL-2010 02:53:04	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	43974	No
40	GOM_NL__2PRFIN20100729_025615_000000462091_00333_43974_7711.N1	29-JUL-2010 02:56:15	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	43974	No
41	GOM_NL__2PRFIN20100729_031233_000000402091_00333_43974_7712.N1	29-JUL-2010 03:12:33	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	43974	No
42	GOM_NL__2PRFIN20100729_032135_000000432091_00333_43974_7713.N1	29-JUL-2010 03:21:35	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	43974	No

43	GOM_NL__2PRFIN20100729_032314_000000382091_00333_43974_7714.N1	29-JUL-2010 03:23:14	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	43974	No
44	GOM_NL__2PRFIN20100729_032438_000000422091_00333_43974_7715.N1	29-JUL-2010 03:24:38	Bright	42.000	19	50Alp Cyg	1.2460	10500.	84	43974	No
45	GOM_NL__2PRFIN20100729_033000_000000382091_00333_43974_7716.N1	29-JUL-2010 03:30:00	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	43974	No
46	GOM_NL__2PRFIN20100729_034444_000000582091_00333_43974_7717.N1	29-JUL-2010 03:44:44	Bright	57.500	160	23Gam Per	2.9300	4700.0	115	43974	No
47	GOM_NL__2PRFIN20100729_034619_000000492091_00333_43974_7718.N1	29-JUL-2010 03:46:19	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	43974	No
48	GOM_NL__2PRFIN20100729_034809_000000442091_00333_43974_7719.N1	29-JUL-2010 03:48:09	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	43974	No
49	GOM_NL__2PRFIN20100729_035006_000000452091_00333_43974_7720.N1	29-JUL-2010 03:50:06	Bright	45.000	149	45Eps Per	2.8880	30000.	90	43974	No
50	GOM_NL__2PRFIN20100729_035304_000000522091_00333_43974_7721.N1	29-JUL-2010 03:53:04	Tw_i_and_stray	52.000	150	44Zet Per	2.8900	28000.	104	43974	No
51	GOM_NL__2PRFIN20100729_035607_000000252091_00333_43974_7722.N1	29-JUL-2010 03:56:07	Dark	25.000	146	25Eta Tau	2.8730	15200.	50	43974	No
52	GOM_NL__2PRFIN20100729_035742_000000472091_00333_43974_7723.N1	29-JUL-2010 03:57:42	Dark	46.500	13	87Alp Tau	0.86700	3800.0	93	43974	No
53	GOM_NL__2PRFIN20100729_035944_000000372091_00333_43974_7724.N1	29-JUL-2010 03:59:44	Dark	37.000	27	24Gam Ori	1.6360	26000.	74	43974	No
54	GOM_NL__2PRFIN20100729_040403_000000512091_00333_43974_7725.N1	29-JUL-2010 04:04:03	Dark	50.500	7	19Bet Ori	0.10000	14000.	101	43974	No
55	GOM_NL__2PRFIN20100729_040816_000000532091_00333_43974_7726.N1	29-JUL-2010 04:08:16	Dark	52.500	165	34Gam Eri	2.9500	3200.0	105	43974	No
56	GOM_NL__2PRFIN20100729_041740_000000452091_00333_43974_7727.N1	29-JUL-2010 04:17:40	Dark	45.000	157	The1Eri	2.9060	9300.0	90	43974	No
57	GOM_NL__2PRFIN20100729_042322_000000532091_00334_43975_7721.N1	29-JUL-2010 04:23:22	Dark	52.500	9	Alp Eri	0.45300	24000.	105	43975	No
58	GOM_NL__2PRFIN20100729_042750_000000552091_00334_43975_7722.N1	29-JUL-2010 04:27:50	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	43975	No
59	GOM_NL__2PRFIN20100729_043024_000000432091_00334_43975_7723.N1	29-JUL-2010 04:30:24	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	43975	No
60	GOM_NL__2PRFIN20100729_043341_000000442091_00334_43975_7724.N1	29-JUL-2010 04:33:41	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	43975	No
61	GOM_NL__2PRFIN20100729_043651_000000472091_00334_43975_7725.N1	29-JUL-2010 04:36:51	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	43975	No
62	GOM_NL__2PRFIN20100729_045309_000000382091_00334_43975_7726.N1	29-JUL-2010 04:53:09	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	43975	No
63	GOM_NL__2PRFIN20100729_050210_000000492091_00334_43975_7727.N1	29-JUL-2010 05:02:10	Bright	48.500	92	53Eps Cyg	2.5000	4500.0	97	43975	No
64	GOM_NL__2PRFIN20100729_050350_000000382091_00334_43975_7728.N1	29-JUL-2010 05:03:50	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	43975	No
65	GOM_NL__2PRFIN20100729_050514_000000452091_00334_43975_7729.N1	29-JUL-2010 05:05:14	Bright	45.000	19	50Alp Cyg	1.2460	10500.	90	43975	No
66	GOM_NL__2PRFIN20100729_051036_000000402091_00334_43975_7730.N1	29-JUL-2010 05:10:36	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	43975	No
67	GOM_NL__2PRFIN20100729_052520_000000562091_00334_43975_7731.N1	29-JUL-2010 05:25:20	Bright	55.500	160	23Gam Per	2.9300	4700.0	111	43975	No
68	GOM_NL__2PRFIN20100729_052655_000000502091_00334_43975_7732.N1	29-JUL-2010 05:26:55	Bright	50.000	35	33Alp Per	1.7950	6250.0	100	43975	No
69	GOM_NL__2PRFIN20100729_052845_000000422091_00334_43975_7733.N1	29-JUL-2010 05:28:45	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	43975	No
70	GOM_NL__2PRFIN20100729_053042_000000452091_00334_43975_7734.N1	29-JUL-2010 05:30:42	Bright	45.000	149	45Eps Per	2.8880	30000.	90	43975	No
71	GOM_NL__2PRFIN20100729_053340_000000502091_00334_43975_7735.N1	29-JUL-2010 05:33:40	Tw_i_and_stray	50.000	150	44Zet Per	2.8900	28000.	100	43975	No
72	GOM_NL__2PRFIN20100729_053643_000000252091_00334_43975_7736.N1	29-JUL-2010 05:36:43	Dark	25.000	146	25Eta Tau	2.8730	15200.	50	43975	No
73	GOM_NL__2PRFIN20100729_053818_000000522091_00334_43975_7737.N1	29-JUL-2010 05:38:18	Dark	52.000	13	87Alp Tau	0.86700	3800.0	104	43975	No
74	GOM_NL__2PRFIN20100729_054021_000000392091_00334_43975_7738.N1	29-JUL-2010 05:40:21	Dark	39.000	27	24Gam Ori	1.6360	26000.	78	43975	No
75	GOM_NL__2PRFIN20100729_054440_000000512091_00334_43975_7739.N1	29-JUL-2010 05:44:40	Dark	50.500	7	19Bet Ori	0.10000	14000.	101	43975	No
76	GOM_NL__2PRFIN20100729_054853_000000562091_00334_43975_7740.N1	29-JUL-2010 05:48:53	Dark	56.000	165	34Gam Eri	2.9500	3200.0	112	43975	No
77	GOM_NL__2PRFIN20100729_055817_000000452091_00334_43975_7741.N1	29-JUL-2010 05:58:17	Dark	45.000	157	The1Eri	2.9060	9300.0	90	43975	No
78	GOM_NL__2PRFIN20100729_060359_000000532091_00335_43976_7733.N1	29-JUL-2010 06:03:59	Dark	52.500	9	Alp Eri	0.45300	24000.	105	43976	No
79	GOM_NL__2PRFIN20100729_060827_000000572091_00335_43976_7734.N1	29-JUL-2010 06:08:27	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	43976	No
80	GOM_NL__2PRFIN20100729_061100_000000412091_00335_43976_7735.N1	29-JUL-2010 06:11:00	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	43976	No
81	GOM_NL__2PRFIN20100729_061417_000000472091_00335_43976_7736.N1	29-JUL-2010 06:14:17	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	43976	No
82	GOM_NL__2PRFIN20100729_061728_000000462091_00335_43976_7737.N1	29-JUL-2010 06:17:28	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	43976	No
83	GOM_NL__2PRFIN20100729_063344_000000432091_00335_43976_7738.N1	29-JUL-2010 06:33:44	Bright	43.000	11	53Alp Aql	0.76500	8000.0	86	43976	No
84	GOM_NL__2PRFIN20100729_064246_000000482091_00335_43976_7739.N1	29-JUL-2010 06:42:46	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	43976	No
85	GOM_NL__2PRFIN20100729_064426_000000382091_00335_43976_7740.N1	29-JUL-2010 06:44:26	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	43976	No
86	GOM_NL__2PRFIN20100729_064549_000000472091_00335_43976_7741.N1	29-JUL-2010 06:45:49	Bright	46.500	19	50Alp Cyg	1.2460	10500.	93	43976	No
87	GOM_NL__2PRFIN20100729_065111_000000422091_00335_43976_7742.N1	29-JUL-2010 06:51:11	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	43976	No
88	GOM_NL__2PRFIN20100729_070555_000000452091_00335_43976_7743.N1	29-JUL-2010 07:05:55	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	43976	No
89	GOM_NL__2PRFIN20100729_070730_000000472091_00335_43976_7744.N1	29-JUL-2010 07:07:30	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	43976	No
90	GOM_NL__2PRFIN20100729_070921_000000462091_00335_43976_7745.N1	29-JUL-2010 07:09:21	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	43976	No
91	GOM_NL__2PRFIN20100729_071118_000000652091_00335_43976_7746.N1	29-JUL-2010 07:11:18	Bright	65.000	149	45Eps Per	2.8880	30000.	130	43976	No
92	GOM_NL__2PRFIN20100729_071416_000000532091_00335_43976_7747.N1	29-JUL-2010 07:14:16	Tw_i_and_stray	53.000	150	44Zet Per	2.8900	28000.	106	43976	No
93	GOM_NL__2PRFIN20100729_071632_000000392091_00335_43976_7748.N1	29-JUL-2010 07:16:32	Tw_i_and_stray	39.000	176	23Zet Tau	3.0200	22000.	78	43976	No
94	GOM_NL__2PRFIN20100729_071855_000000612091_00335_43976_7749.N1	29-JUL-2010 07:18:55	Dark	60.500	13	87Alp Tau	0.86700	3800.0	121	43976	No
95	GOM_NL__2PRFIN20100729_072057_000000442091_00335_43976_7750.N1	29-JUL-2010 07:20:57	Dark	43.500	27	24Gam Ori	1.6360	26000.	87	43976	No
96	GOM_NL__2PRFIN20100729_072516_000000492091_00335_43976_7751.N1	29-JUL-2010 07:25:16	Dark	49.000	7	19Bet Ori	0.10000	14000.	98	43976	No
97	GOM_NL__2PRFIN20100729_072931_000000522091_00335_43976_7752.N1	29-JUL-2010 07:29:31	Dark	52.000	165	34Gam Eri	2.9500	3200.0	104	43976	No
98	GOM_NL__2PRFIN20100729_073853_000000452091_00335_43976_7753.N1	29-JUL-2010 07:38:53	Dark	45.000	157	The1Eri	2.9060	9300.0	90	43976	No
99	GOM_NL__2PRFIN20100729_074435_000000432091_00336_43977_7779.N1	29-JUL-2010 07:44:35	Dark	42.500	9	Alp Eri	0.45300	24000.	85	43977	No
100	GOM_NL__2PRFIN20100729_074904_000000562091_00336_43977_7780.N1	29-JUL-2010 07:49:04	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	43977	No
101	GOM_NL__2PRFIN20100729_075136_000000502091_00336_43977_7781.N1	29-JUL-2010 07:51:36	Straylight	49.500	148	Alp Tuc	2.8780	4100.0	99	43977	No

102	GOM_NL__2PRFIN20100729_075454_000000472091_00336_43977_7782.N1	29-JUL-2010 07:54:54	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	43977	No
103	GOM_NL__2PRFIN20100729_075804_000000472091_00336_43977_7783.N1	29-JUL-2010 07:58:04	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	43977	No
104	GOM_NL__2PRFIN20100729_081420_000000402091_00336_43977_7784.N1	29-JUL-2010 08:14:20	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	43977	No
105	GOM_NL__2PRFIN20100729_082321_000000442091_00336_43977_7785.N1	29-JUL-2010 08:23:21	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	43977	No
106	GOM_NL__2PRFIN20100729_082502_000000412091_00336_43977_7786.N1	29-JUL-2010 08:25:02	Bright	40.500	144	18Del Cyg	2.8600	11000.	81	43977	No
107	GOM_NL__2PRFIN20100729_082625_000000462091_00336_43977_7787.N1	29-JUL-2010 08:26:25	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	43977	No
108	GOM_NL__2PRFIN20100729_083147_000000392091_00336_43977_7788.N1	29-JUL-2010 08:31:47	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	43977	No
109	GOM_NL__2PRFIN20100729_084631_000000672091_00336_43977_7789.N1	29-JUL-2010 08:46:31	Bright	67.000	160	23Gam Per	2.9300	4700.0	134	43977	No
110	GOM_NL__2PRFIN20100729_084806_000000492091_00336_43977_7790.N1	29-JUL-2010 08:48:06	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	43977	No
111	GOM_NL__2PRFIN20100729_084957_000000412091_00336_43977_7791.N1	29-JUL-2010 08:49:57	Bright	40.500	6	13Alp Aur	0.080000	3400.0	81	43977	No
112	GOM_NL__2PRFIN20100729_085154_000000422091_00336_43977_7792.N1	29-JUL-2010 08:51:54	Bright	42.000	149	45Eps Per	2.8880	30000.	84	43977	No
113	GOM_NL__2PRFIN20100729_085453_000000542091_00336_43977_7793.N1	29-JUL-2010 08:54:53	Tw_i_and_stray	54.000	150	44Zet Per	2.8900	28000.	108	43977	No
114	GOM_NL__2PRFIN20100729_085707_000000412091_00336_43977_7794.N1	29-JUL-2010 08:57:07	Tw_i_and_stray	41.000	176	23Zet Tau	3.0200	22000.	82	43977	No
115	GOM_NL__2PRFIN20100729_085931_000000612091_00336_43977_7795.N1	29-JUL-2010 08:59:31	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	43977	No
116	GOM_NL__2PRFIN20100729_090133_000000452091_00336_43977_7796.N1	29-JUL-2010 09:01:33	Dark	44.500	27	24Gam Ori	1.6360	26000.	89	43977	No
117	GOM_NL__2PRFIN20100729_090552_000000462091_00336_43977_7797.N1	29-JUL-2010 09:05:52	Dark	45.500	7	19Bet Ori	0.10000	14000.	91	43977	No
118	GOM_NL__2PRFIN20100729_091007_000000542091_00336_43977_7798.N1	29-JUL-2010 09:10:07	Dark	53.500	165	34Gam Eri	2.9500	3200.0	107	43977	No
119	GOM_NL__2PRFIN20100729_091930_000000472091_00336_43977_7799.N1	29-JUL-2010 09:19:30	Dark	46.500	157	The1Eri	2.9060	9300.0	93	43977	No
120	GOM_NL__2PRFIN20100729_092512_000000542091_00337_43978_7813.N1	29-JUL-2010 09:25:12	Dark	54.000	9	Alp Eri	0.45300	24000.	108	43978	No
121	GOM_NL__2PRFIN20100729_092941_000000552091_00337_43978_7814.N1	29-JUL-2010 09:29:41	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	43978	No
122	GOM_NL__2PRFIN20100729_093213_000000482091_00337_43978_7815.N1	29-JUL-2010 09:32:13	Straylight	48.000	148	Alp Tuc	2.8780	4100.0	96	43978	No
123	GOM_NL__2PRFIN20100729_093530_000000472091_00337_43978_7816.N1	29-JUL-2010 09:35:30	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	43978	No
124	GOM_NL__2PRFIN20100729_093841_000000462091_00337_43978_7817.N1	29-JUL-2010 09:38:41	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	43978	No
125	GOM_NL__2PRFIN20100729_095456_000000412091_00337_43978_7818.N1	29-JUL-2010 09:54:56	Bright	41.000	11	53Alp Aql	0.76500	8000.0	82	43978	No
126	GOM_NL__2PRFIN20100729_100356_000000482091_00337_43978_7819.N1	29-JUL-2010 10:03:56	Bright	47.500	92	53Eps Cyg	2.5000	4500.0	95	43978	No
127	GOM_NL__2PRFIN20100729_100537_000000392091_00337_43978_7820.N1	29-JUL-2010 10:05:37	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	43978	No
128	GOM_NL__2PRFIN20100729_100700_000000452091_00337_43978_7821.N1	29-JUL-2010 10:07:00	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	43978	No
129	GOM_NL__2PRFIN20100729_101222_000000412091_00337_43978_7822.N1	29-JUL-2010 10:12:22	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	43978	No
130	GOM_NL__2PRFIN20100729_102706_000000672091_00337_43978_7823.N1	29-JUL-2010 10:27:06	Bright	67.000	160	23Gam Per	2.9300	4700.0	134	43978	No
131	GOM_NL__2PRFIN20100729_102842_000000492091_00337_43978_7824.N1	29-JUL-2010 10:28:42	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	43978	No
132	GOM_NL__2PRFIN20100729_103033_000000532091_00337_43978_7825.N1	29-JUL-2010 10:30:33	Bright	53.000	6	13Alp Aur	0.080000	3400.0	106	43978	No
133	GOM_NL__2PRFIN20100729_103230_000000452091_00337_43978_7826.N1	29-JUL-2010 10:32:30	Bright	45.000	149	45Eps Per	2.8880	30000.	90	43978	No
134	GOM_NL__2PRFIN20100729_103529_000000552091_00337_43978_7827.N1	29-JUL-2010 10:35:29	Tw_i_and_stray	54.500	150	44Zet Per	2.8900	28000.	109	43978	No
135	GOM_NL__2PRFIN20100729_103744_000000402091_00337_43978_7828.N1	29-JUL-2010 10:37:44	Tw_i_and_stray	40.000	176	23Zet Tau	3.0200	22000.	80	43978	No
136	GOM_NL__2PRFIN20100729_104007_000000562091_00337_43978_7829.N1	29-JUL-2010 10:40:07	Dark	55.500	13	87Alp Tau	0.86700	3800.0	111	43978	No
137	GOM_NL__2PRFIN20100729_104209_000000452091_00337_43978_7830.N1	29-JUL-2010 10:42:09	Dark	45.000	27	24Gam Ori	1.6360	26000.	90	43978	No
138	GOM_NL__2PRFIN20100729_104629_000000542091_00337_43978_7831.N1	29-JUL-2010 10:46:29	Dark	54.000	7	19Bet Ori	0.10000	14000.	108	43978	No
139	GOM_NL__2PRFIN20100729_105043_000000552091_00337_43978_7832.N1	29-JUL-2010 10:50:43	Dark	54.500	165	34Gam Eri	2.9500	3200.0	109	43978	No
140	GOM_NL__2PRFIN20100729_110007_000000442091_00337_43978_7833.N1	29-JUL-2010 11:00:07	Dark	44.000	157	The1Eri	2.9060	9300.0	88	43978	No
141	GOM_NL__2PRFIN20100729_124625_000000422091_00339_43980_7871.N1	29-JUL-2010 12:46:25	Dark	42.000	9	Alp Eri	0.45300	24000.	84	43980	No
142	GOM_NL__2PRFIN20100729_125056_000000572091_00339_43980_7872.N1	29-JUL-2010 12:50:56	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	43980	No
143	GOM_NL__2PRFIN20100729_125325_000000442091_00339_43980_7873.N1	29-JUL-2010 12:53:25	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	43980	No
144	GOM_NL__2PRFIN20100729_125643_000000482091_00339_43980_7874.N1	29-JUL-2010 12:56:43	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	43980	No
145	GOM_NL__2PRFIN20100729_125953_000000472091_00339_43980_7875.N1	29-JUL-2010 12:59:53	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	43980	No
146	GOM_NL__2PRFIN20100729_131608_000000382091_00339_43980_7876.N1	29-JUL-2010 13:16:08	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	43980	No
147	GOM_NL__2PRFIN20100729_132507_000000442091_00339_43980_7877.N1	29-JUL-2010 13:25:07	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	43980	No
148	GOM_NL__2PRFIN20100729_132648_000000402091_00339_43980_7878.N1	29-JUL-2010 13:26:48	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	43980	No
149	GOM_NL__2PRFIN20100729_132811_000000462091_00339_43980_7879.N1	29-JUL-2010 13:28:11	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	43980	No
150	GOM_NL__2PRFIN20100729_133334_000000412091_00339_43980_7880.N1	29-JUL-2010 13:33:34	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	43980	No
151	GOM_NL__2PRFIN20100729_134817_000000452091_00339_43980_7881.N1	29-JUL-2010 13:48:17	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	43980	No
152	GOM_NL__2PRFIN20100729_134953_000000492091_00339_43980_7882.N1	29-JUL-2010 13:49:53	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	43980	No
153	GOM_NL__2PRFIN20100729_135145_000000432091_00339_43980_7883.N1	29-JUL-2010 13:51:45	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	43980	No
154	GOM_NL__2PRFIN20100729_135342_000000652091_00339_43980_7884.N1	29-JUL-2010 13:53:42	Bright	65.000	149	45Eps Per	2.8880	30000.	130	43980	No
155	GOM_NL__2PRFIN20100729_135641_000000522091_00339_43980_7885.N1	29-JUL-2010 13:56:41	Tw_i_and_stray	52.000	150	44Zet Per	2.8900	28000.	104	43980	No
156	GOM_NL__2PRFIN20100729_135856_000000392091_00339_43980_7886.N1	29-JUL-2010 13:58:56	Tw_i_and_stray	39.000	176	23Zet Tau	3.0200	22000.	78	43980	No
157	GOM_NL__2PRFIN20100729_140120_000000562091_00339_43980_7887.N1	29-JUL-2010 14:01:20	Dark	56.000	13	87Alp Tau	0.86700	3800.0	112	43980	No
158	GOM_NL__2PRFIN20100729_140322_000000442091_00339_43980_7888.N1	29-JUL-2010 14:03:22	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	43980	No
159	GOM_NL__2PRFIN20100729_140741_000000472091_00339_43980_7889.N1	29-JUL-2010 14:07:41	Dark	47.000	7	19Bet Ori	0.10000	14000.	94	43980	No
160	GOM_NL__2PRFIN20100729_141157_000000522091_00339_43980_7890.N1	29-JUL-2010 14:11:57	Dark	52.000	165	34Gam Eri	2.9500	3200.0	104	43980	No

161	GOM_NL__2PRFIN20100729_142121_000000452091_00339_43980_7891.N1	29-JUL-2010 14:21:21	Dark	45.000	157	The1Eri	2.9060	9300.0	90	43980	No
162	GOM_NL__2PRFIN20100729_142702_000000422091_00340_43981_7930.N1	29-JUL-2010 14:27:02	Dark	42.000	9	Alp Eri	0.45300	24000.	84	43981	No
163	GOM_NL__2PRFIN20100729_143132_000000572091_00340_43981_7931.N1	29-JUL-2010 14:31:32	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	43981	No
164	GOM_NL__2PRFIN20100729_143402_000000422091_00340_43981_7932.N1	29-JUL-2010 14:34:02	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	43981	No
165	GOM_NL__2PRFIN20100729_143720_000000502091_00340_43981_7933.N1	29-JUL-2010 14:37:20	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	43981	No
166	GOM_NL__2PRFIN20100729_144030_000000462091_00340_43981_7934.N1	29-JUL-2010 14:40:30	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	43981	No
167	GOM_NL__2PRFIN20100729_145643_000000402091_00340_43981_7935.N1	29-JUL-2010 14:56:43	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	43981	No
168	GOM_NL__2PRFIN20100729_150542_000000482091_00340_43981_7936.N1	29-JUL-2010 15:05:42	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	43981	No
169	GOM_NL__2PRFIN20100729_150724_000000392091_00340_43981_7937.N1	29-JUL-2010 15:07:24	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	43981	No
170	GOM_NL__2PRFIN20100729_150846_000000452091_00340_43981_7938.N1	29-JUL-2010 15:08:46	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	43981	No
171	GOM_NL__2PRFIN20100729_151408_000000412091_00340_43981_7939.N1	29-JUL-2010 15:14:08	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	43981	No
172	GOM_NL__2PRFIN20100729_152853_000000482091_00340_43981_7940.N1	29-JUL-2010 15:28:53	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	43981	No
173	GOM_NL__2PRFIN20100729_153029_000000492091_00340_43981_7941.N1	29-JUL-2010 15:30:29	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	43981	No
174	GOM_NL__2PRFIN20100729_153221_000000432091_00340_43981_7942.N1	29-JUL-2010 15:32:21	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	43981	No
175	GOM_NL__2PRFIN20100729_153418_000000542091_00340_43981_7943.N1	29-JUL-2010 15:34:18	Bright	53.500	149	45Eps Per	2.8880	30000.	107	43981	No
176	GOM_NL__2PRFIN20100729_153717_000000522091_00340_43981_7944.N1	29-JUL-2010 15:37:17	Tw_i_and_stray	52.000	150	44Zet Per	2.8900	28000.	104	43981	No
177	GOM_NL__2PRFIN20100729_153932_000000402091_00340_43981_7945.N1	29-JUL-2010 15:39:32	Tw_i_and_stray	40.000	176	23Zet Tau	3.0200	22000.	80	43981	No
178	GOM_NL__2PRFIN20100729_154156_000000612091_00340_43981_7946.N1	29-JUL-2010 15:41:56	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	43981	No
179	GOM_NL__2PRFIN20100729_154358_000000432091_00340_43981_7947.N1	29-JUL-2010 15:43:58	Dark	43.000	27	24Gam Ori	1.6360	26000.	86	43981	No
180	GOM_NL__2PRFIN20100729_154818_000000512091_00340_43981_7948.N1	29-JUL-2010 15:48:18	Dark	51.000	7	19Bet Ori	0.10000	14000.	102	43981	No
181	GOM_NL__2PRFIN20100729_155234_000000522091_00340_43981_7949.N1	29-JUL-2010 15:52:34	Dark	52.000	165	34Gam Eri	2.9500	3200.0	104	43981	No
182	GOM_NL__2PRFIN20100729_160158_000000452091_00340_43981_7950.N1	29-JUL-2010 16:01:58	Dark	44.500	157	The1Eri	2.9060	9300.0	89	43981	No
183	GOM_NL__2PRFIN20100729_160738_000000442091_00341_43982_7963.N1	29-JUL-2010 16:07:38	Dark	44.000	9	Alp Eri	0.45300	24000.	88	43982	No
184	GOM_NL__2PRFIN20100729_161209_000000552091_00341_43982_7964.N1	29-JUL-2010 16:12:09	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	43982	No
185	GOM_NL__2PRFIN20100729_161438_000000422091_00341_43982_7965.N1	29-JUL-2010 16:14:38	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	43982	No
186	GOM_NL__2PRFIN20100729_161756_000000472091_00341_43982_7966.N1	29-JUL-2010 16:17:56	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	43982	No
187	GOM_NL__2PRFIN20100729_162106_000000442091_00341_43982_7967.N1	29-JUL-2010 16:21:06	Straylight	44.000	172	Gam Gru	3.0030	13100.	88	43982	No
188	GOM_NL__2PRFIN20100729_163719_000000402091_00341_43982_7968.N1	29-JUL-2010 16:37:19	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	43982	No
189	GOM_NL__2PRFIN20100729_164617_000000482091_00341_43982_7969.N1	29-JUL-2010 16:46:17	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	43982	No
190	GOM_NL__2PRFIN20100729_164800_000000382091_00341_43982_7970.N1	29-JUL-2010 16:48:00	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	43982	No
191	GOM_NL__2PRFIN20100729_164922_000000422091_00341_43982_7971.N1	29-JUL-2010 16:49:22	Bright	42.000	19	50Alp Cyg	1.2460	10500.	84	43982	No
192	GOM_NL__2PRFIN20100729_165444_000000422091_00341_43982_7972.N1	29-JUL-2010 16:54:44	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	43982	No
193	GOM_NL__2PRFIN20100729_170929_000000682091_00341_43982_7973.N1	29-JUL-2010 17:09:29	Bright	68.000	160	23Gam Per	2.9300	4700.0	136	43982	No
194	GOM_NL__2PRFIN20100729_171105_000000502091_00341_43982_7974.N1	29-JUL-2010 17:11:05	Bright	50.000	35	33Alp Per	1.7950	6250.0	100	43982	No
195	GOM_NL__2PRFIN20100729_171257_000000552091_00341_43982_7975.N1	29-JUL-2010 17:12:57	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	43982	No
196	GOM_NL__2PRFIN20100729_171454_000000442091_00341_43982_7976.N1	29-JUL-2010 17:14:54	Bright	44.000	149	45Eps Per	2.8880	30000.	88	43982	No
197	GOM_NL__2PRFIN20100729_171805_000000482091_00341_43982_7977.N1	29-JUL-2010 17:18:05	Bright	47.500	28	12Bet Tau	1.6500	15200.	95	43982	No
198	GOM_NL__2PRFIN20100729_172008_000000392091_00341_43982_7978.N1	29-JUL-2010 17:20:08	Tw_i_and_stray	39.000	176	23Zet Tau	3.0200	22000.	78	43982	No
199	GOM_NL__2PRFIN20100729_172233_000000542091_00341_43982_7979.N1	29-JUL-2010 17:22:33	Dark	53.500	13	87Alp Tau	0.86700	3800.0	107	43982	No
200	GOM_NL__2PRFIN20100729_172434_000000422091_00341_43982_7980.N1	29-JUL-2010 17:24:34	Dark	42.000	27	24Gam Ori	1.6360	26000.	84	43982	No
201	GOM_NL__2PRFIN20100729_172854_000000482091_00341_43982_7981.N1	29-JUL-2010 17:28:54	Dark	48.000	7	19Bet Ori	0.10000	14000.	96	43982	No
202	GOM_NL__2PRFIN20100729_173311_000000552091_00341_43982_7982.N1	29-JUL-2010 17:33:11	Dark	54.500	165	34Gam Eri	2.9500	3200.0	109	43982	No
203	GOM_NL__2PRFIN20100729_174235_000000462091_00341_43982_7983.N1	29-JUL-2010 17:42:35	Dark	46.000	157	The1Eri	2.9060	9300.0	92	43982	No
204	GOM_NL__2PRFIN20100729_174815_000000472091_00342_43983_7993.N1	29-JUL-2010 17:48:15	Dark	46.500	9	Alp Eri	0.45300	24000.	93	43983	No
205	GOM_NL__2PRFIN20100729_175246_000000562091_00342_43983_7994.N1	29-JUL-2010 17:52:46	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	43983	No
206	GOM_NL__2PRFIN20100729_175515_000000412091_00342_43983_7995.N1	29-JUL-2010 17:55:15	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	43983	No
207	GOM_NL__2PRFIN20100729_175833_000000452091_00342_43983_7996.N1	29-JUL-2010 17:58:33	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	43983	No
208	GOM_NL__2PRFIN20100729_180142_000000492091_00342_43983_7997.N1	29-JUL-2010 18:01:42	Straylight	48.500	172	Gam Gru	3.0030	13100.	97	43983	No
209	GOM_NL__2PRFIN20100729_181755_000000402091_00342_43983_7998.N1	29-JUL-2010 18:17:55	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	43983	No
210	GOM_NL__2PRFIN20100729_182653_000000492091_00342_43983_7999.N1	29-JUL-2010 18:26:53	Bright	48.500	92	53Eps Cyg	2.5000	4500.0	97	43983	No
211	GOM_NL__2PRFIN20100729_182836_000000402091_00342_43983_8000.N1	29-JUL-2010 18:28:36	Bright	39.500	144	18Del Cyg	2.8600	11000.	79	43983	No
212	GOM_NL__2PRFIN20100729_182957_000000442091_00342_43983_8001.N1	29-JUL-2010 18:29:57	Bright	44.000	19	50Alp Cyg	1.2460	10500.	88	43983	No
213	GOM_NL__2PRFIN20100729_183520_000000422091_00342_43983_8002.N1	29-JUL-2010 18:35:20	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	43983	No
214	GOM_NL__2PRFIN20100729_185004_000000482091_00342_43983_8003.N1	29-JUL-2010 18:50:04	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	43983	No
215	GOM_NL__2PRFIN20100729_185140_000000492091_00342_43983_8004.N1	29-JUL-2010 18:51:40	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	43983	No
216	GOM_NL__2PRFIN20100729_185333_000000532091_00342_43983_8005.N1	29-JUL-2010 18:53:33	Bright	52.500	6	13Alp Aur	0.080000	3400.0	105	43983	No
217	GOM_NL__2PRFIN20100729_185529_000000442091_00342_43983_8006.N1	29-JUL-2010 18:55:29	Bright	43.500	149	45Eps Per	2.8880	30000.	87	43983	No
218	GOM_NL__2PRFIN20100729_185842_000000442091_00342_43983_8007.N1	29-JUL-2010 18:58:42	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	43983	No
219	GOM_NL__2PRFIN20100729_190044_000000422091_00342_43983_8008.N1	29-JUL-2010 19:00:44	Tw_i_and_stray	41.500	176	23Zet Tau	3.0200	22000.	83	43983	No

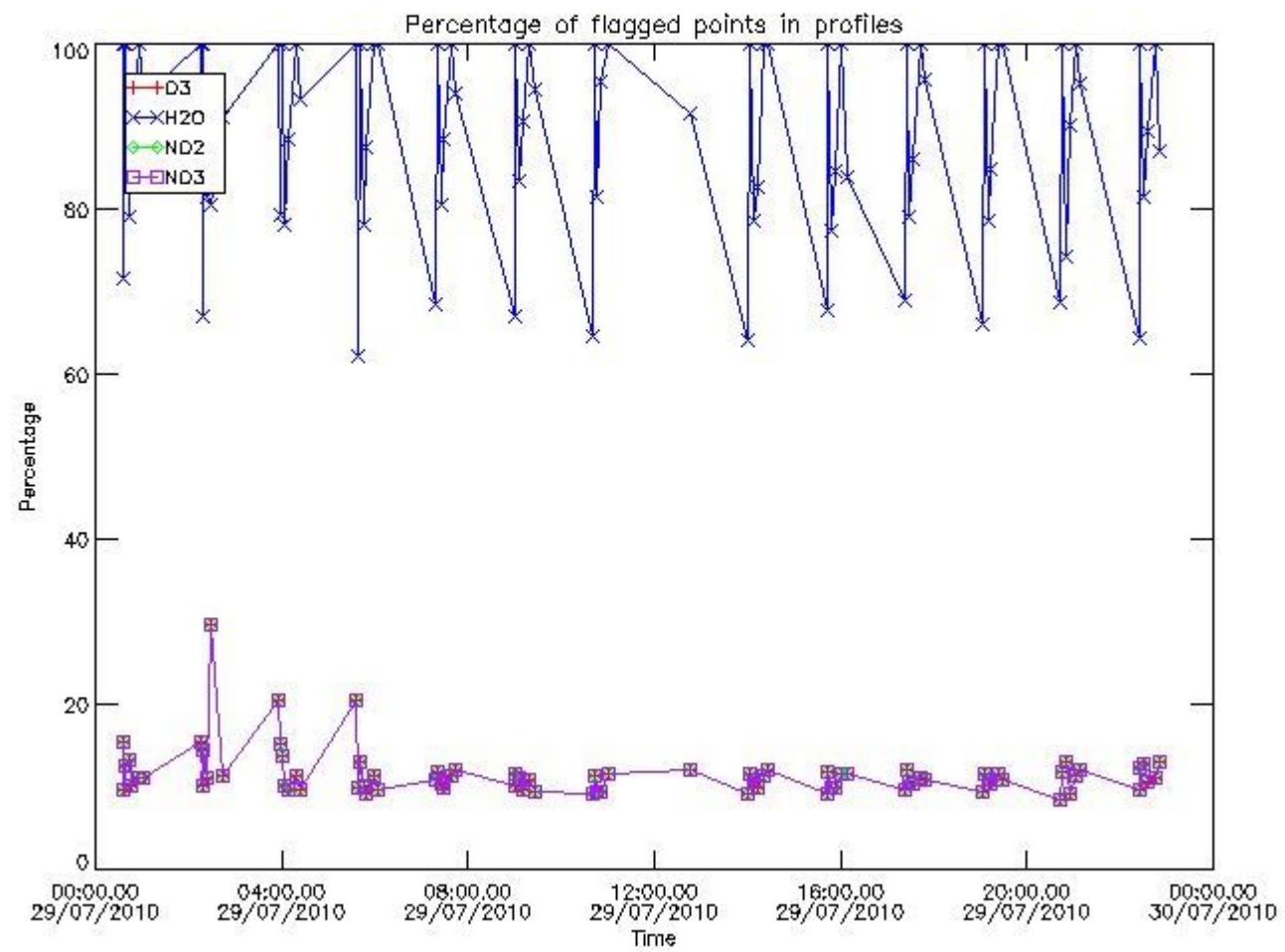
220	GOM_NL__2PRFIN20100729_190309_000000602091_00342_43983_8009.N1	29-JUL-2010 19:03:09	Dark	59.500	13	87Alp Tau	0.86700	3800.0	119	43983	No
221	GOM_NL__2PRFIN20100729_190511_000000442091_00342_43983_8010.N1	29-JUL-2010 19:05:11	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	43983	No
222	GOM_NL__2PRFIN20100729_190930_000000472091_00342_43983_8011.N1	29-JUL-2010 19:09:30	Dark	47.000	7	19Bet Ori	0.10000	14000.	94	43983	No
223	GOM_NL__2PRFIN20100729_191348_000000502091_00342_43983_8012.N1	29-JUL-2010 19:13:48	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	43983	No
224	GOM_NL__2PRFIN20100729_192311_000000452091_00342_43983_8013.N1	29-JUL-2010 19:23:11	Dark	44.500	157	The1Eri	2.9060	9300.0	89	43983	No
225	GOM_NL__2PRFIN20100729_192851_000000472091_00343_43984_8023.N1	29-JUL-2010 19:28:51	Dark	46.500	9	Alp Eri	0.45300	24000.	93	43984	No
226	GOM_NL__2PRFIN20100729_193324_000000632091_00343_43984_8024.N1	29-JUL-2010 19:33:24	Straylight	63.000	84	Alp Phe	2.3970	4500.0	126	43984	No
227	GOM_NL__2PRFIN20100729_193551_000000432091_00343_43984_8025.N1	29-JUL-2010 19:35:51	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	43984	No
228	GOM_NL__2PRFIN20100729_193909_000000532091_00343_43984_8026.N1	29-JUL-2010 19:39:09	Straylight	52.500	31	Alp Gru	1.7340	15200.	105	43984	No
229	GOM_NL__2PRFIN20100729_194219_000000462091_00343_43984_8027.N1	29-JUL-2010 19:42:19	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	43984	No
230	GOM_NL__2PRFIN20100729_195831_000000392091_00343_43984_8028.N1	29-JUL-2010 19:58:31	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	43984	No
231	GOM_NL__2PRFIN20100729_200728_000000452091_00343_43984_8029.N1	29-JUL-2010 20:07:28	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	43984	No
232	GOM_NL__2PRFIN20100729_200911_000000382091_00343_43984_8030.N1	29-JUL-2010 20:09:11	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	43984	No
233	GOM_NL__2PRFIN20100729_201033_000000482091_00343_43984_8031.N1	29-JUL-2010 20:10:33	Bright	47.500	19	50Alp Cyg	1.2460	10500.	95	43984	No
234	GOM_NL__2PRFIN20100729_201555_000000432091_00343_43984_8032.N1	29-JUL-2010 20:15:55	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	43984	No
235	GOM_NL__2PRFIN20100729_203040_000000502091_00343_43984_8033.N1	29-JUL-2010 20:30:40	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	43984	No
236	GOM_NL__2PRFIN20100729_203216_000000492091_00343_43984_8034.N1	29-JUL-2010 20:32:16	Bright	49.000	35	33Alp Per	1.7950	6250.0	98	43984	No
237	GOM_NL__2PRFIN20100729_203409_000000552091_00343_43984_8035.N1	29-JUL-2010 20:34:09	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	43984	No
238	GOM_NL__2PRFIN20100729_203605_000000442091_00343_43984_8036.N1	29-JUL-2010 20:36:05	Bright	44.000	149	45Eps Per	2.8880	30000.	88	43984	No
239	GOM_NL__2PRFIN20100729_203918_000000452091_00343_43984_8037.N1	29-JUL-2010 20:39:18	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	43984	No
240	GOM_NL__2PRFIN20100729_204120_000000412091_00343_43984_8038.N1	29-JUL-2010 20:41:20	Twi_and_stray	41.000	176	23Zet Tau	3.0200	22000.	82	43984	No
241	GOM_NL__2PRFIN20100729_204345_000000612091_00343_43984_8039.N1	29-JUL-2010 20:43:45	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	43984	No
242	GOM_NL__2PRFIN20100729_204547_000000432091_00343_43984_8040.N1	29-JUL-2010 20:45:47	Dark	43.000	27	24Gam Ori	1.6360	26000.	86	43984	No
243	GOM_NL__2PRFIN20100729_205007_000000432091_00343_43984_8041.N1	29-JUL-2010 20:50:07	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	43984	No
244	GOM_NL__2PRFIN20100729_205425_000000562091_00343_43984_8042.N1	29-JUL-2010 20:54:25	Dark	56.000	165	34Gam Eri	2.9500	3200.0	112	43984	No
245	GOM_NL__2PRFIN20100729_210348_000000452091_00343_43984_8043.N1	29-JUL-2010 21:03:48	Dark	45.000	157	The1Eri	2.9060	9300.0	90	43984	No
246	GOM_NL__2PRFIN20100729_210928_000000422091_00344_43985_8047.N1	29-JUL-2010 21:09:28	Dark	42.000	9	Alp Eri	0.45300	24000.	84	43985	No
247	GOM_NL__2PRFIN20100729_211400_000000542091_00344_43985_8048.N1	29-JUL-2010 21:14:00	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	43985	No
248	GOM_NL__2PRFIN20100729_211628_000000412091_00344_43985_8049.N1	29-JUL-2010 21:16:28	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	43985	No
249	GOM_NL__2PRFIN20100729_211946_000000452091_00344_43985_8050.N1	29-JUL-2010 21:19:46	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	43985	No
250	GOM_NL__2PRFIN20100729_212256_000000462091_00344_43985_8051.N1	29-JUL-2010 21:22:56	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	43985	No
251	GOM_NL__2PRFIN20100729_213907_000000392091_00344_43985_8052.N1	29-JUL-2010 21:39:07	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	43985	No
252	GOM_NL__2PRFIN20100729_214803_000000442091_00344_43985_8053.N1	29-JUL-2010 21:48:03	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	43985	No
253	GOM_NL__2PRFIN20100729_214947_000000372091_00344_43985_8054.N1	29-JUL-2010 21:49:47	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	43985	No
254	GOM_NL__2PRFIN20100729_215108_000000462091_00344_43985_8055.N1	29-JUL-2010 21:51:08	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	43985	No
255	GOM_NL__2PRFIN20100729_215631_000000432091_00344_43985_8056.N1	29-JUL-2010 21:56:31	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	43985	No
256	GOM_NL__2PRFIN20100729_221116_000000472091_00344_43985_8057.N1	29-JUL-2010 22:11:16	Bright	46.500	160	23Gam Per	2.9300	4700.0	93	43985	No
257	GOM_NL__2PRFIN20100729_221252_000000482091_00344_43985_8058.N1	29-JUL-2010 22:12:52	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	43985	No
258	GOM_NL__2PRFIN20100729_221445_000000422091_00344_43985_8059.N1	29-JUL-2010 22:14:45	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	43985	No
259	GOM_NL__2PRFIN20100729_221641_000000452091_00344_43985_8060.N1	29-JUL-2010 22:16:41	Bright	44.500	149	45Eps Per	2.8880	30000.	89	43985	No
260	GOM_NL__2PRFIN20100729_221954_000000552091_00344_43985_8061.N1	29-JUL-2010 22:19:54	Bright	55.000	28	12Bet Tau	1.6500	15200.	110	43985	No
261	GOM_NL__2PRFIN20100729_222156_000000422091_00344_43985_8062.N1	29-JUL-2010 22:21:56	Twi_and_stray	41.500	176	23Zet Tau	3.0200	22000.	83	43985	No
262	GOM_NL__2PRFIN20100729_222421_000000532091_00344_43985_8063.N1	29-JUL-2010 22:24:21	Dark	52.500	13	87Alp Tau	0.86700	3800.0	105	43985	No
263	GOM_NL__2PRFIN20100729_222623_000000422091_00344_43985_8064.N1	29-JUL-2010 22:26:23	Dark	41.500	27	24Gam Ori	1.6360	26000.	83	43985	No
264	GOM_NL__2PRFIN20100729_223043_000000432091_00344_43985_8065.N1	29-JUL-2010 22:30:43	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	43985	No
265	GOM_NL__2PRFIN20100729_223501_000000532091_00344_43985_8066.N1	29-JUL-2010 22:35:01	Dark	52.500	165	34Gam Eri	2.9500	3200.0	105	43985	No
266	GOM_NL__2PRFIN20100729_224425_000000462091_00344_43985_8067.N1	29-JUL-2010 22:44:25	Dark	45.500	157	The1Eri	2.9060	9300.0	91	43985	No
267	GOM_NL__2PRFIN20100729_225005_000000432091_00345_43986_8077.N1	29-JUL-2010 22:50:05	Dark	43.000	9	Alp Eri	0.45300	24000.	86	43986	No
268	GOM_NL__2PRFIN20100729_225437_000000562091_00345_43986_8078.N1	29-JUL-2010 22:54:37	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	43986	No
269	GOM_NL__2PRFIN20100729_225704_000000502091_00345_43986_8079.N1	29-JUL-2010 22:57:04	Straylight	49.500	148	Alp Tuc	2.8780	4100.0	99	43986	No
270	GOM_NL__2PRFIN20100729_230022_000000452091_00345_43986_8080.N1	29-JUL-2010 23:00:22	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	43986	No
271	GOM_NL__2PRFIN20100729_230332_000000472091_00345_43986_8081.N1	29-JUL-2010 23:03:32	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	43986	No
272	GOM_NL__2PRFIN20100729_231942_000000392091_00345_43986_8082.N1	29-JUL-2010 23:19:42	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	43986	No
273	GOM_NL__2PRFIN20100729_232839_000000452091_00345_43986_8083.N1	29-JUL-2010 23:28:39	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	43986	No
274	GOM_NL__2PRFIN20100729_233023_000000392091_00345_43986_8084.N1	29-JUL-2010 23:30:23	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	43986	No
275	GOM_NL__2PRFIN20100729_233143_000000452091_00345_43986_8085.N1	29-JUL-2010 23:31:43	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	43986	No
276	GOM_NL__2PRFIN20100729_233706_000000382091_00345_43986_8086.N1	29-JUL-2010 23:37:06	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	43986	No
277	GOM_NL__2PRFIN20100729_235151_000000482091_00345_43986_8087.N1	29-JUL-2010 23:51:51	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	43986	No
278	GOM_NL__2PRFIN20100729_235327_000000482091_00345_43986_8088.N1	29-JUL-2010 23:53:27	Bright	48.000	35	33Alp Per	1.7950	6250.0	96	43986	No

279	GOM_NL__2PRFIN20100729_235520_000000422091_00345_43986_8089.N1	29-JUL-2010 23:55:20	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	43986	No
280	GOM_NL__2PRFIN20100729_235717_000000442091_00345_43986_8090.N1	29-JUL-2010 23:57:17	Bright	44.000	149	45Eps Per	2.8880	30000.	88	43986	No

3. Quality information per product

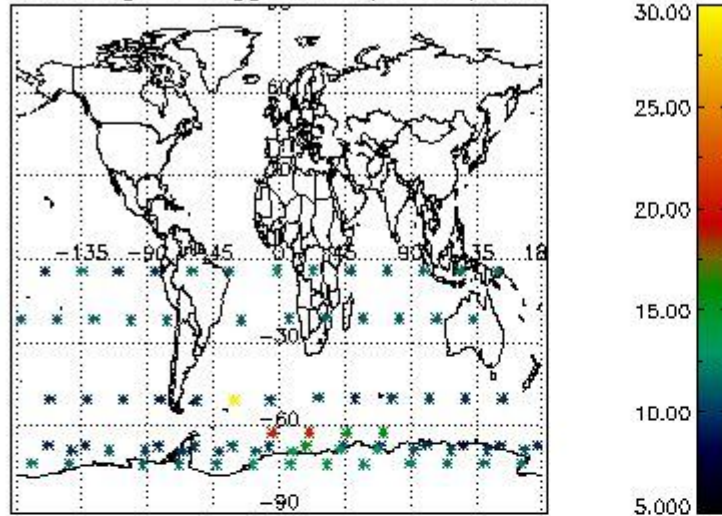
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

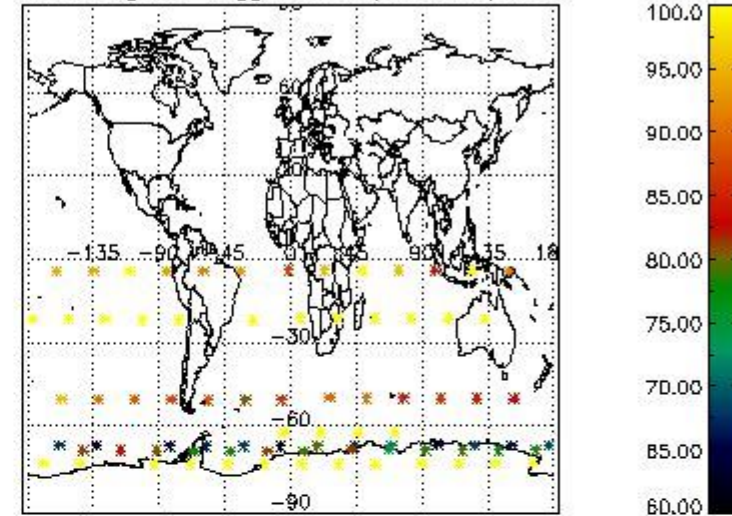


3.2 Plot quality information per product (world map)

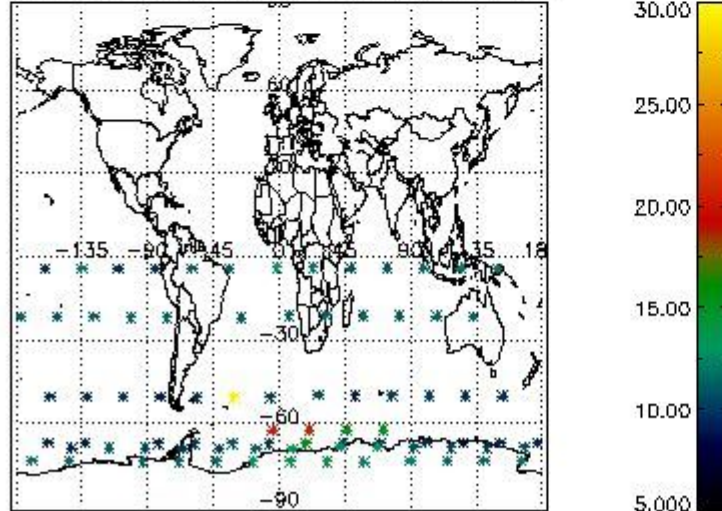
Percentage of flagged data per O3 profile



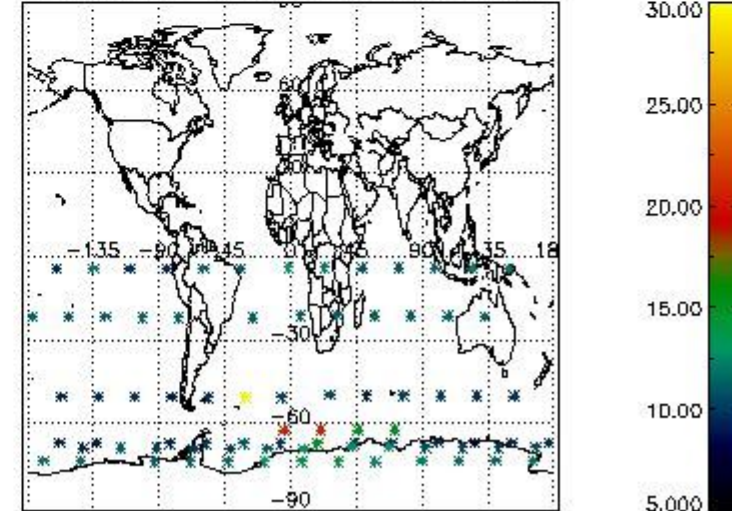
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

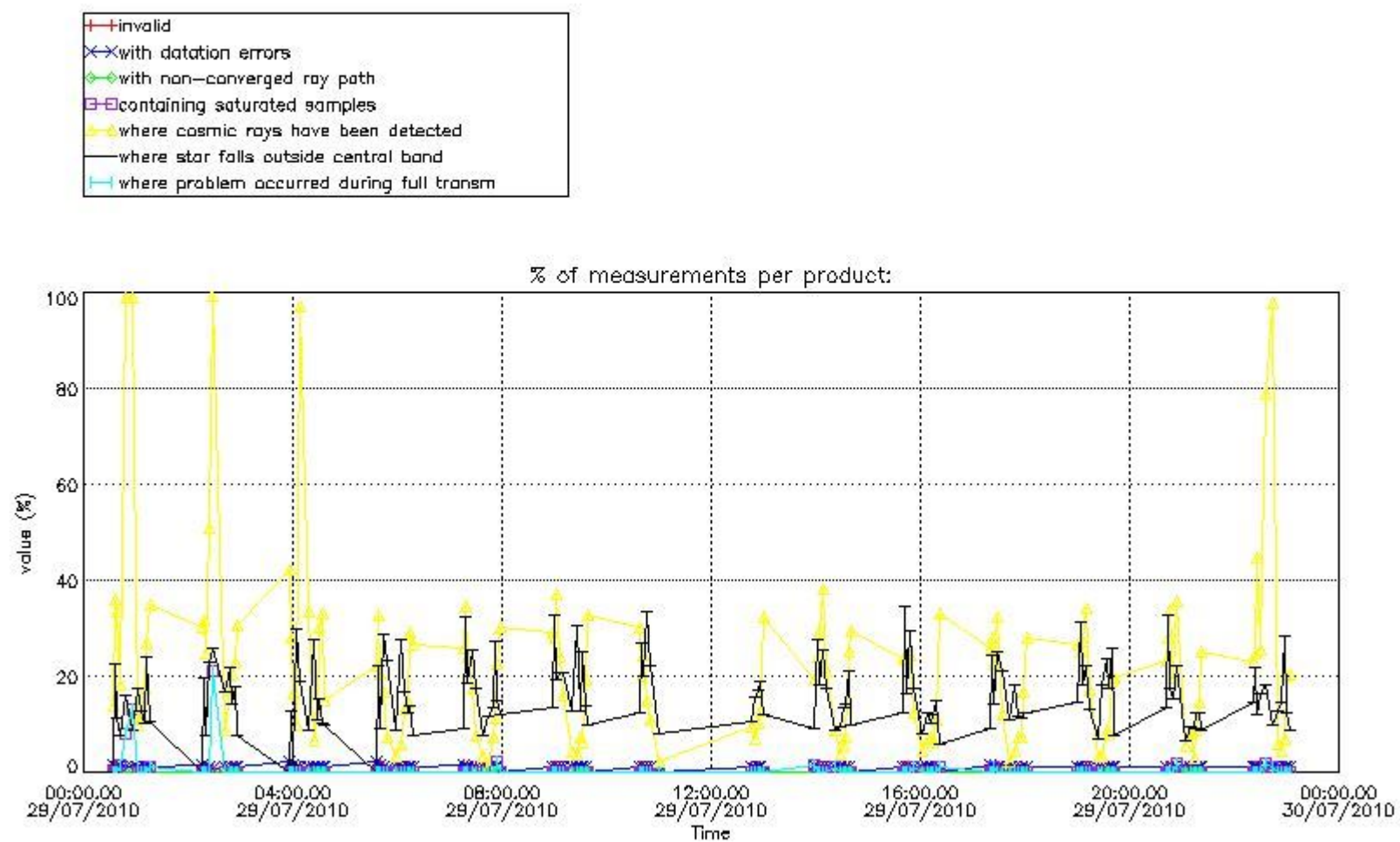


4. Level 1 quality information per product

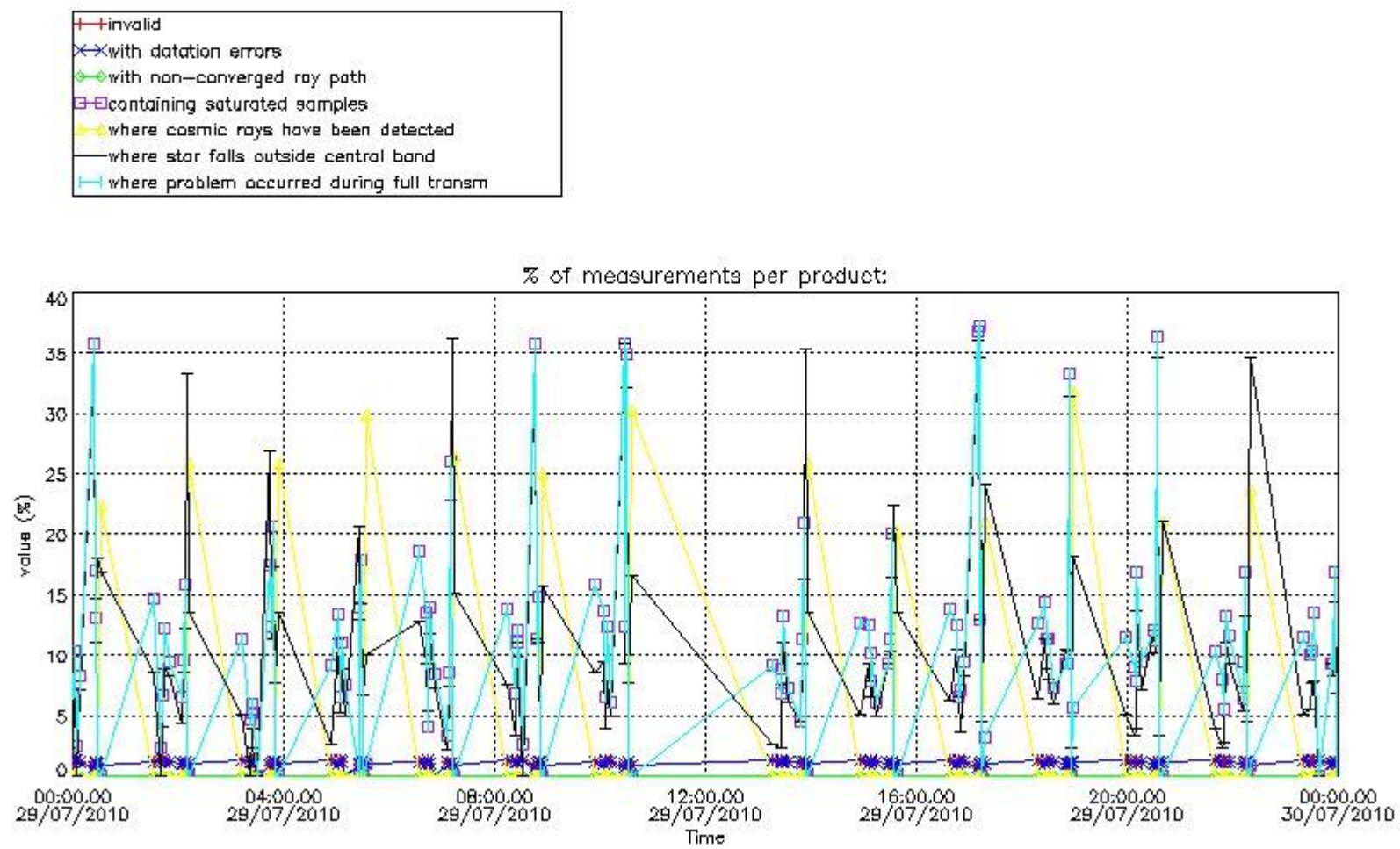
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



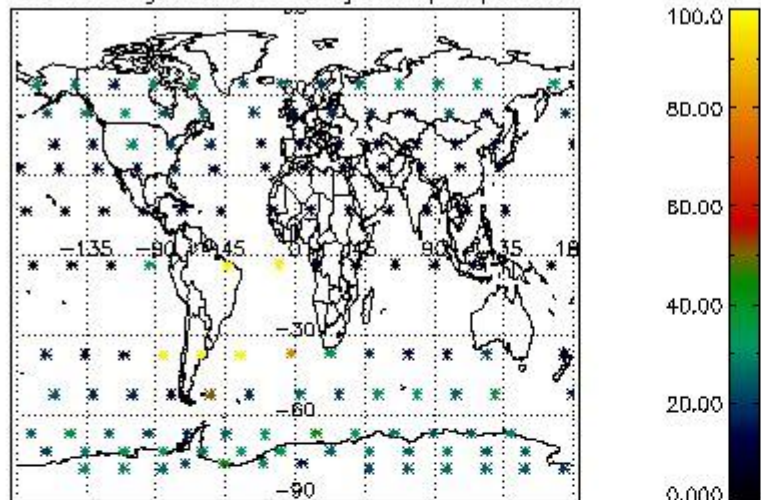
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



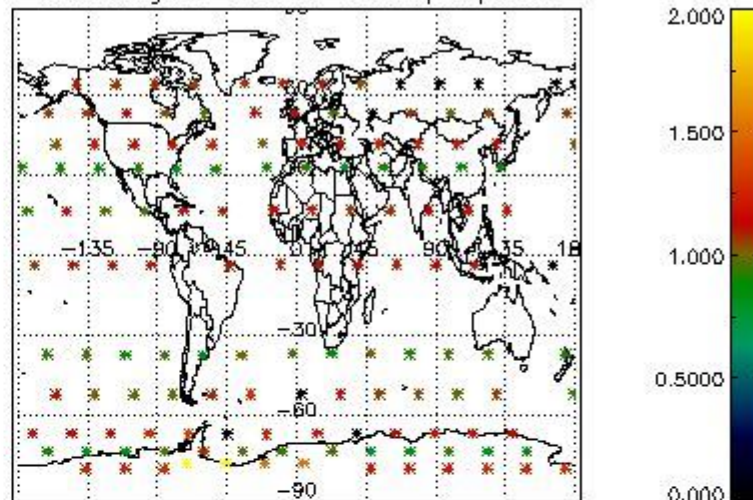
4.2 Plot quality information per product coming from level 1b processing (world map)

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

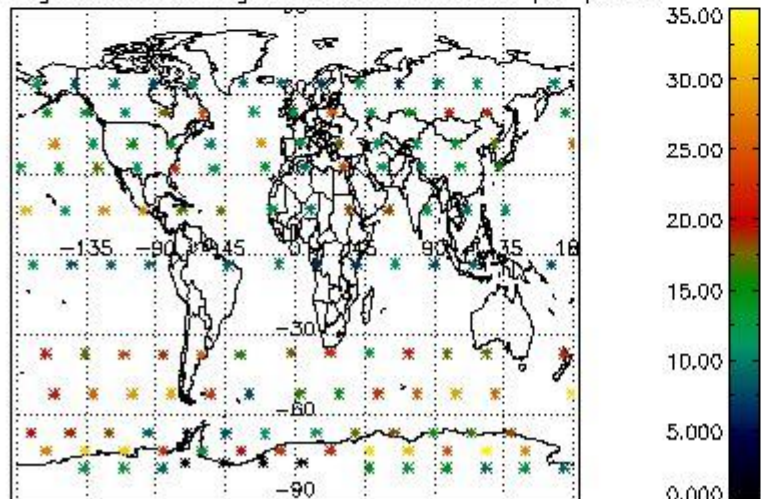
Percentage of cosmic ray hits per profile



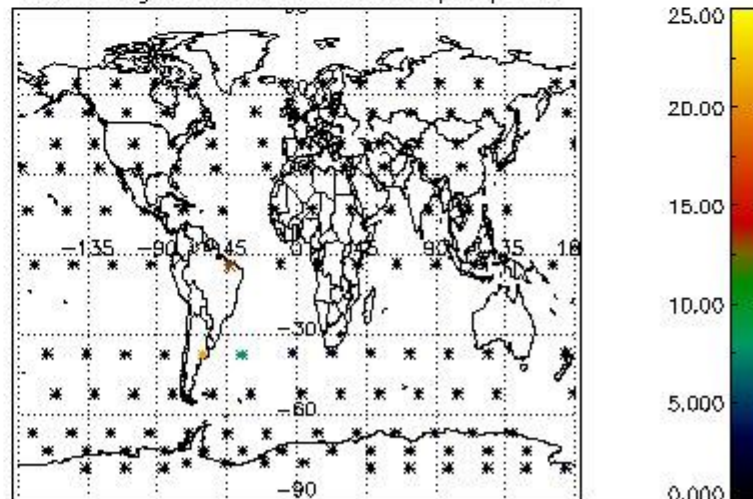
Percentage of datation errors per profile



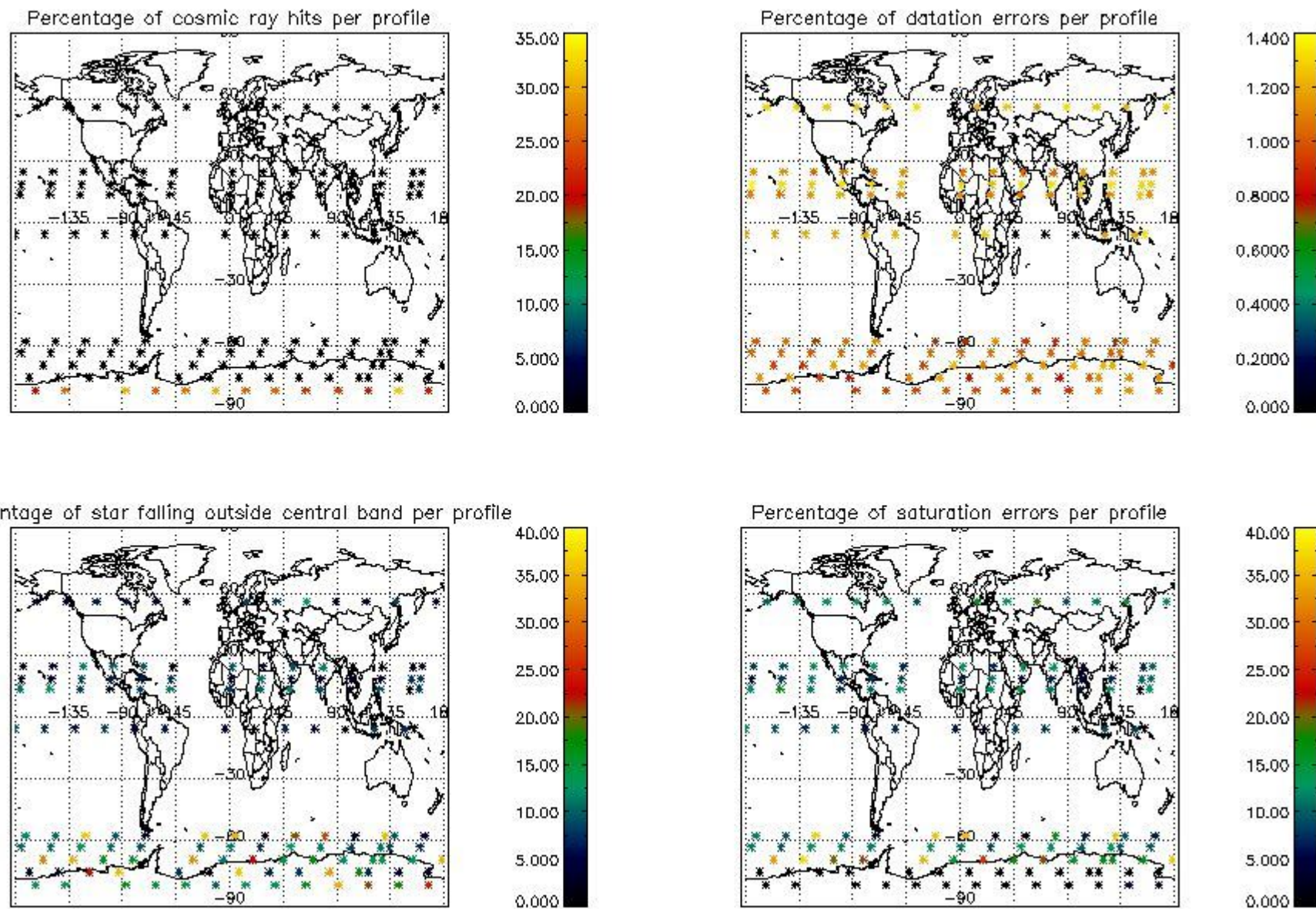
Percentage of star falling outside central band per profile



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

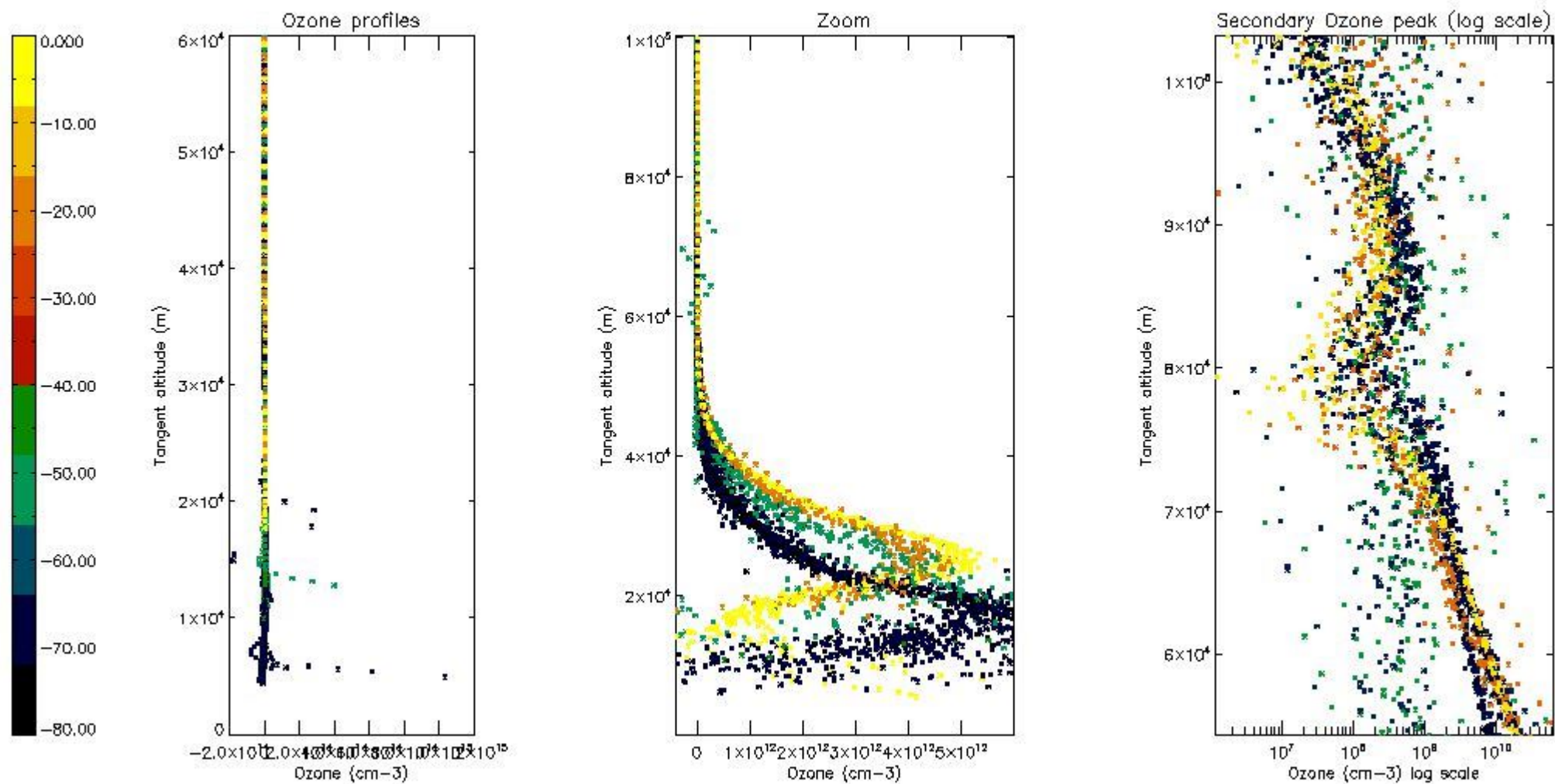
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	15

STD < 10	11
STD < 5	8

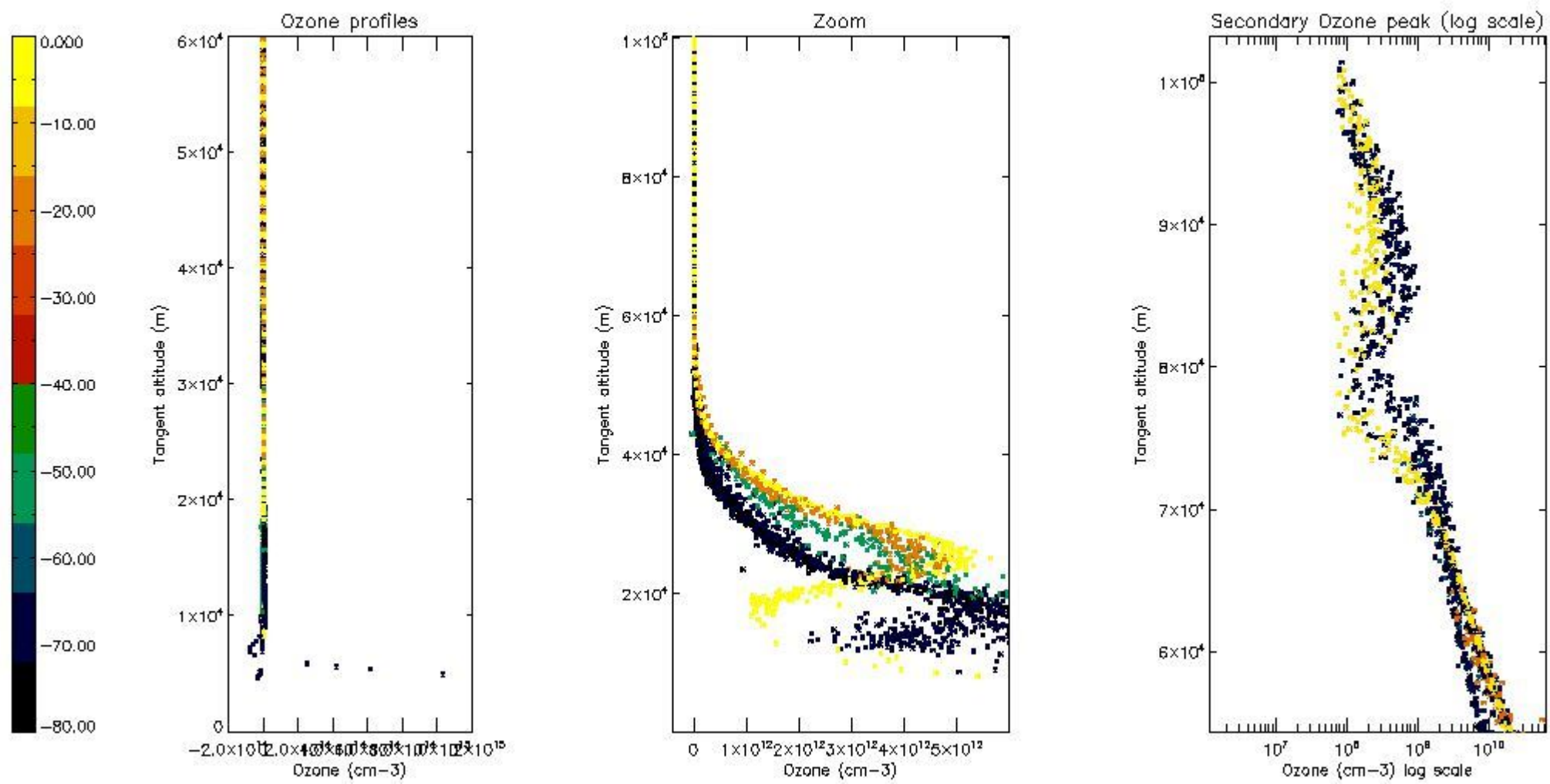
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



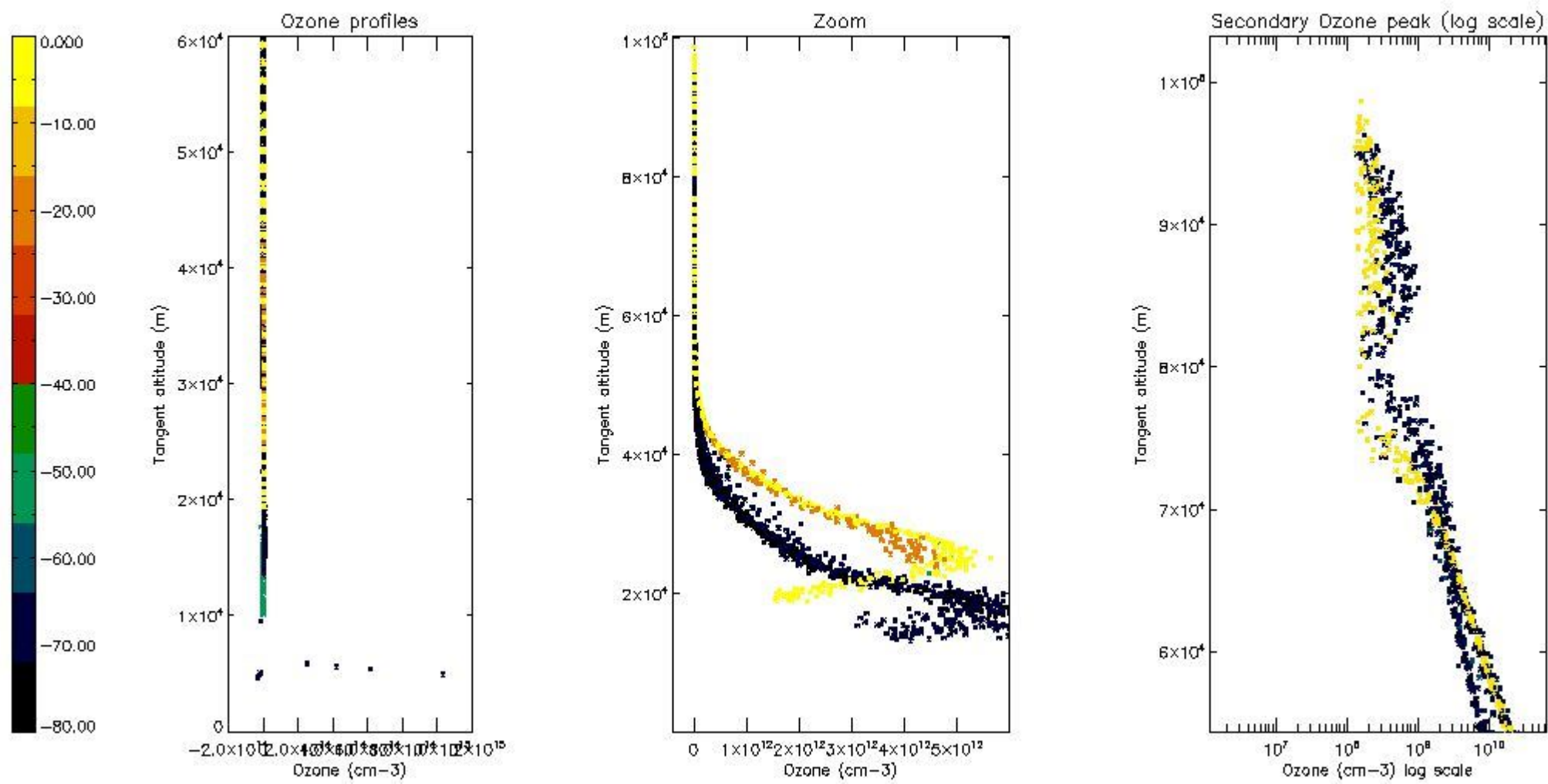
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



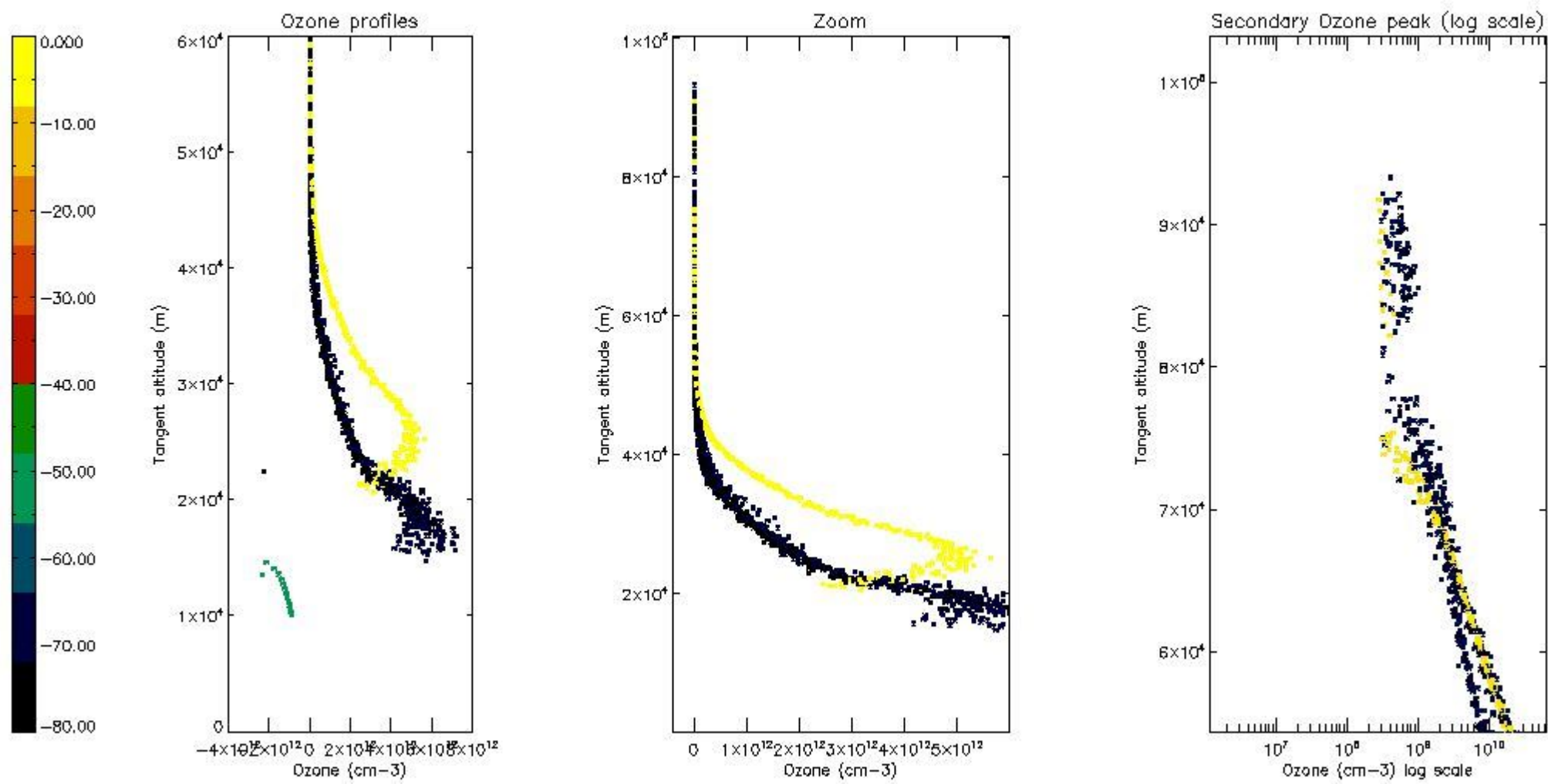
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



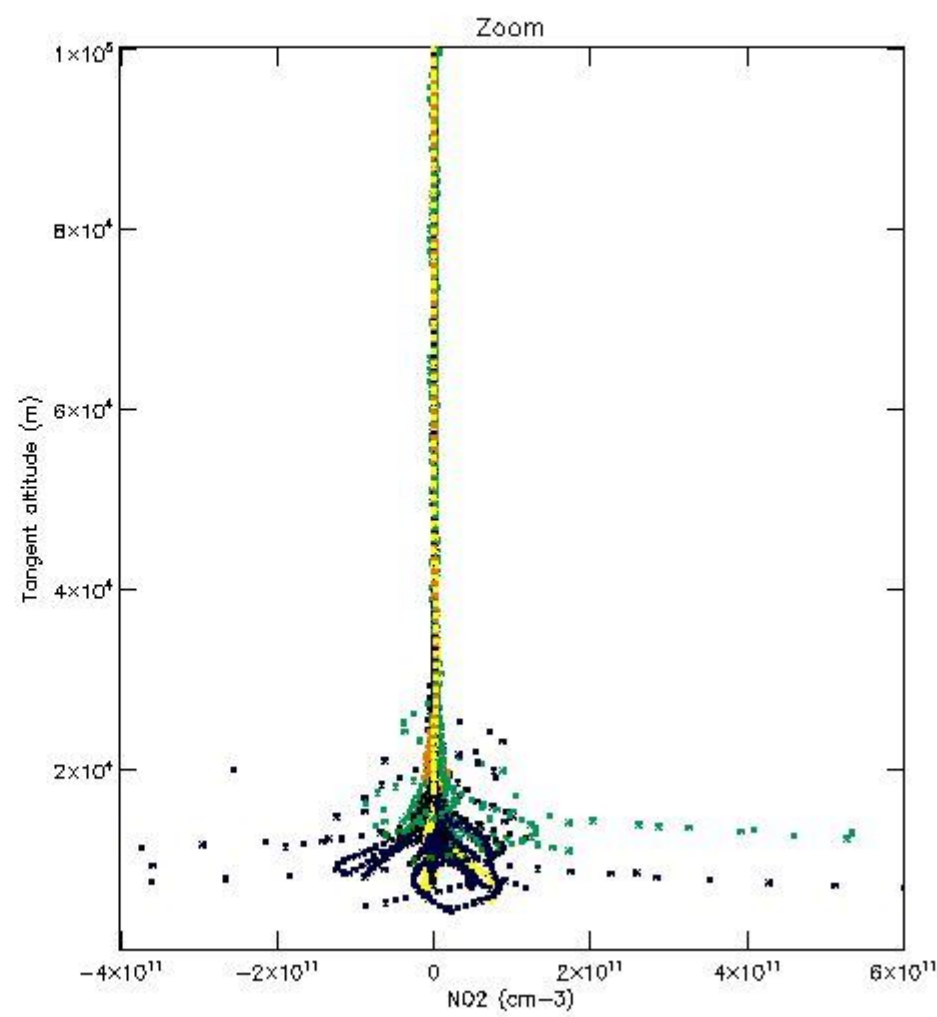
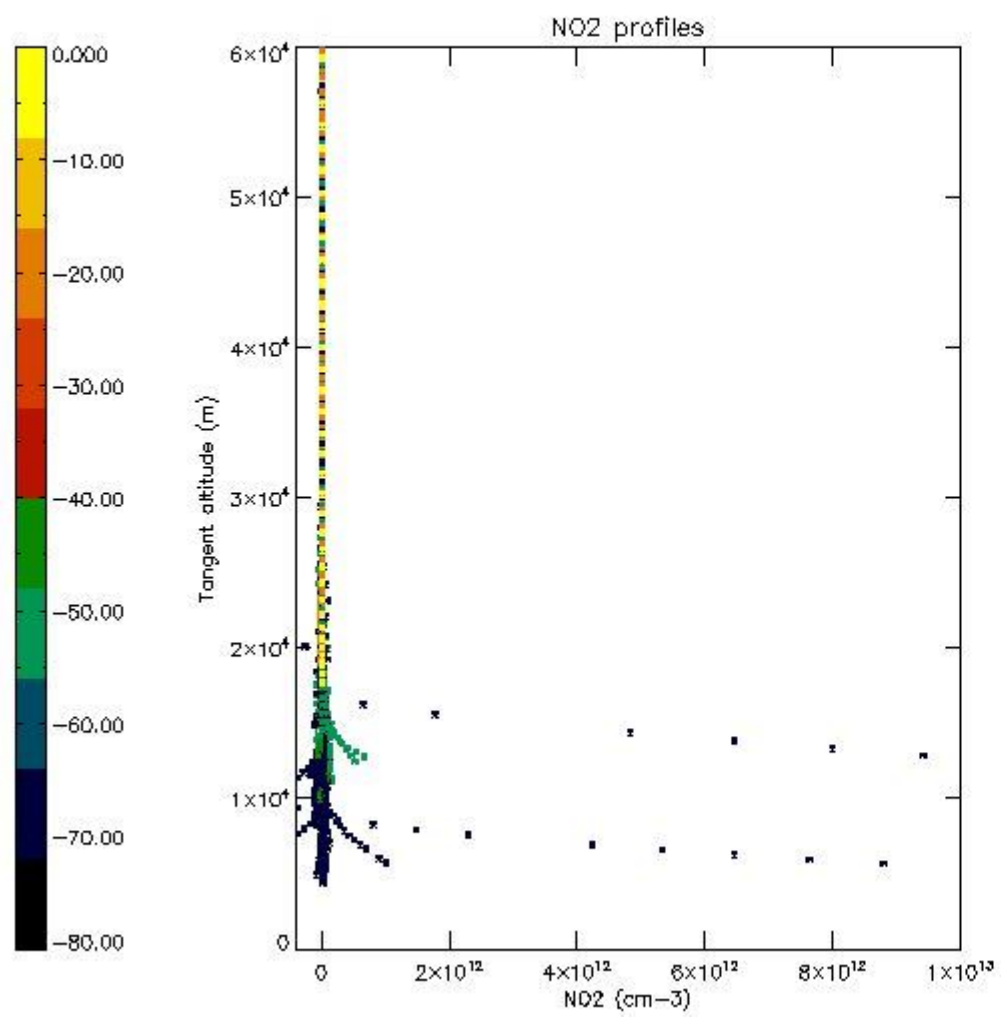
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



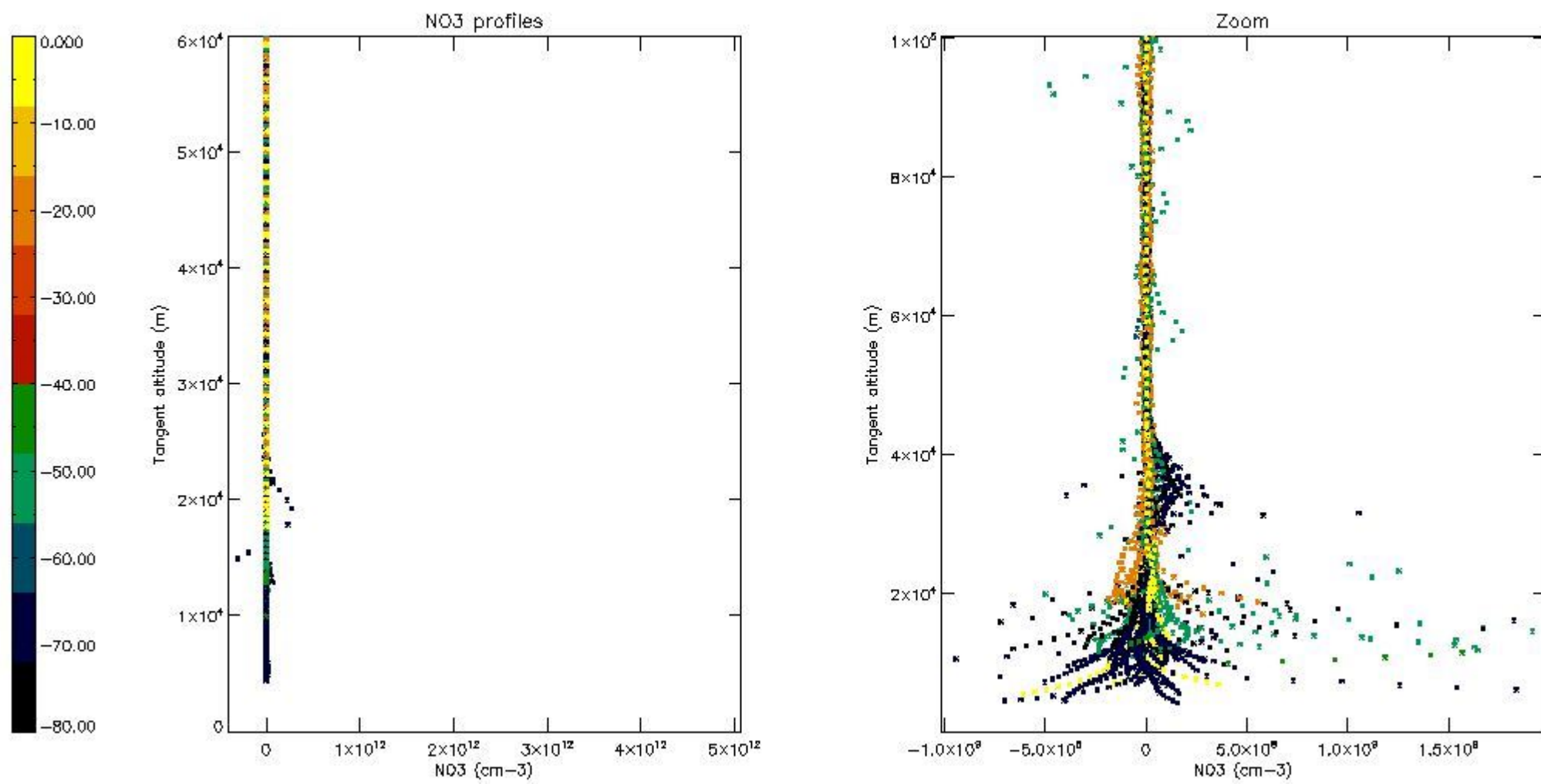
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



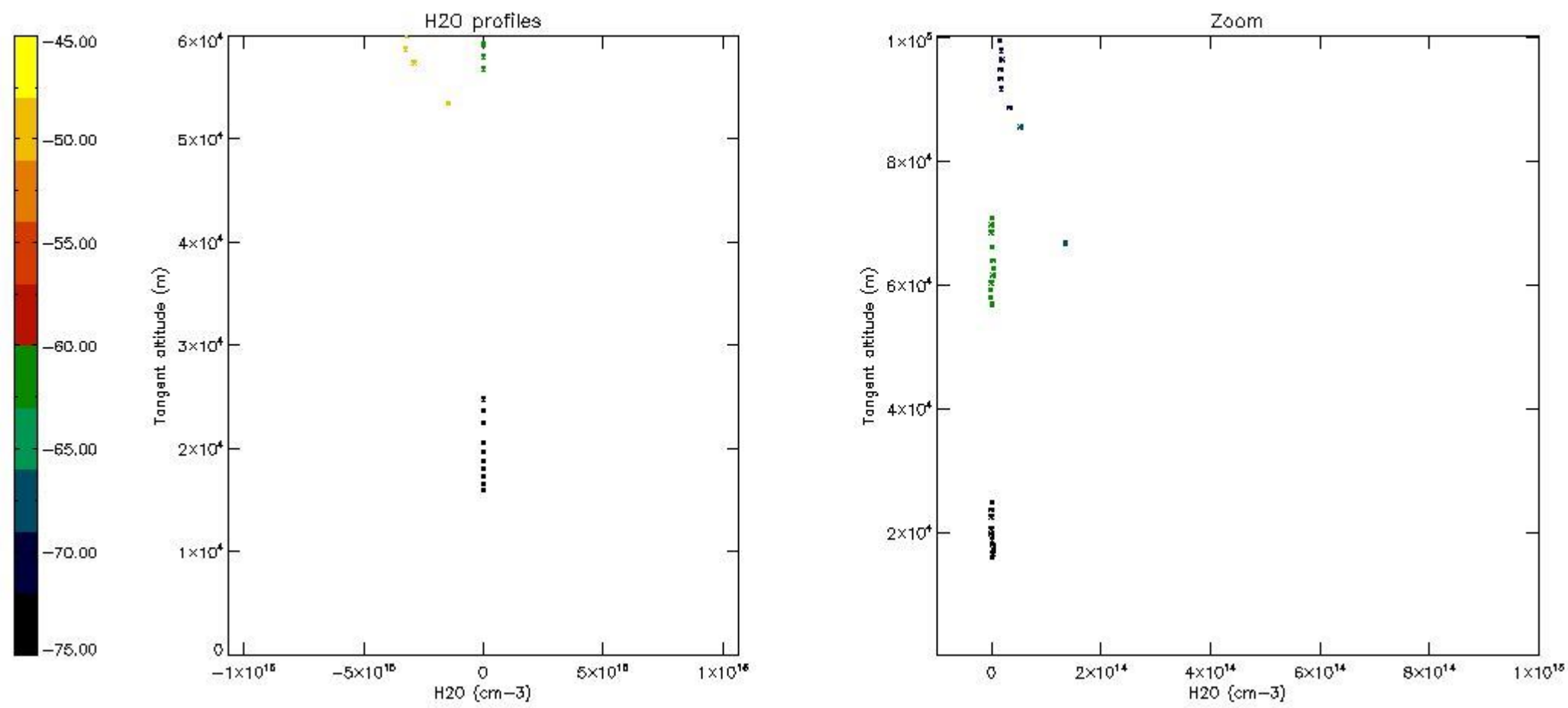
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

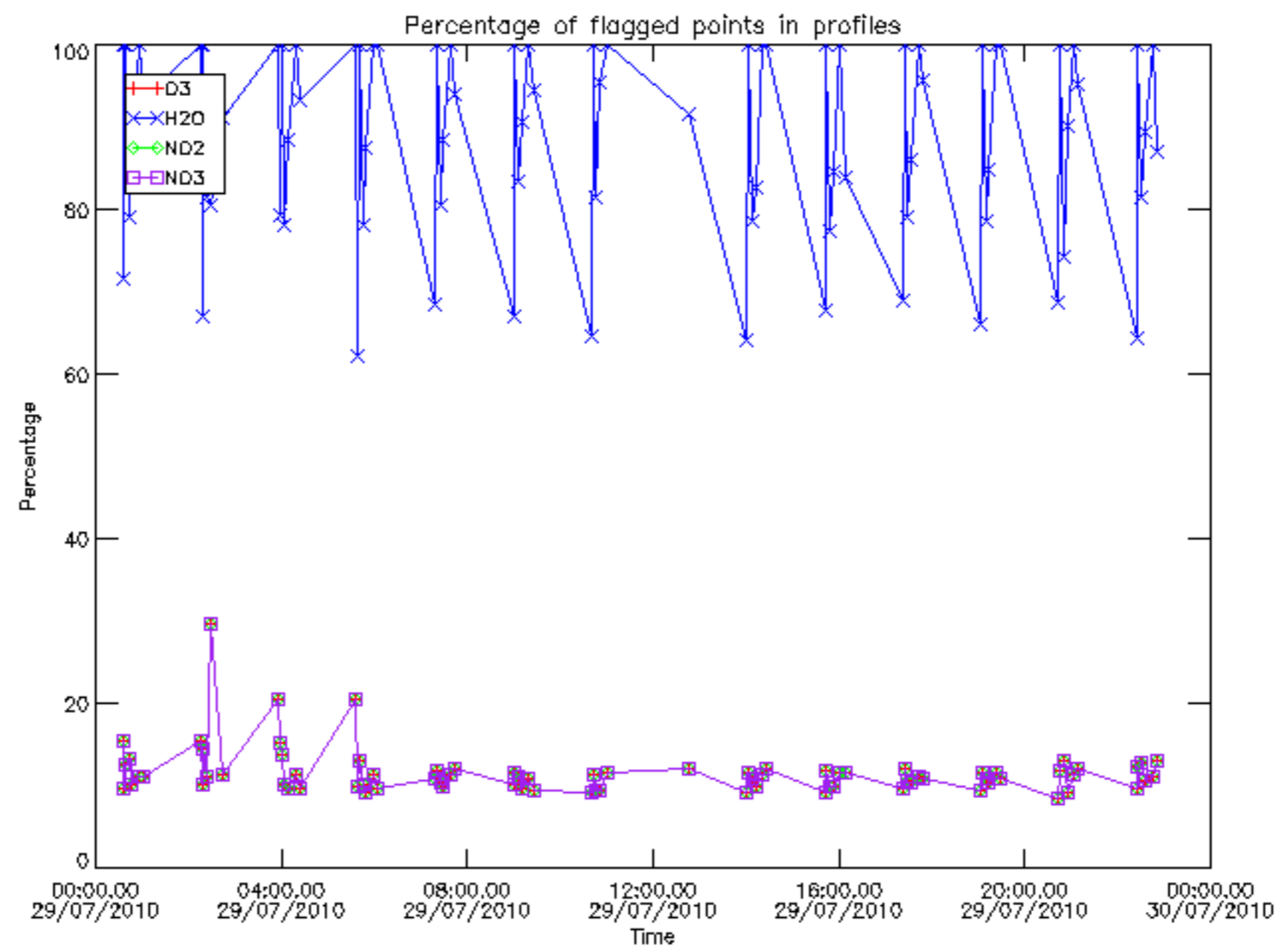
The colorbar represents the latitude.



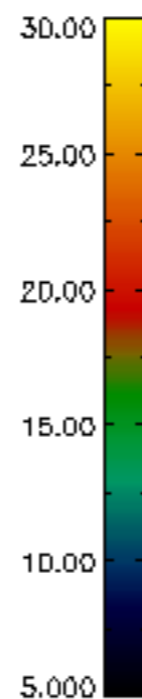
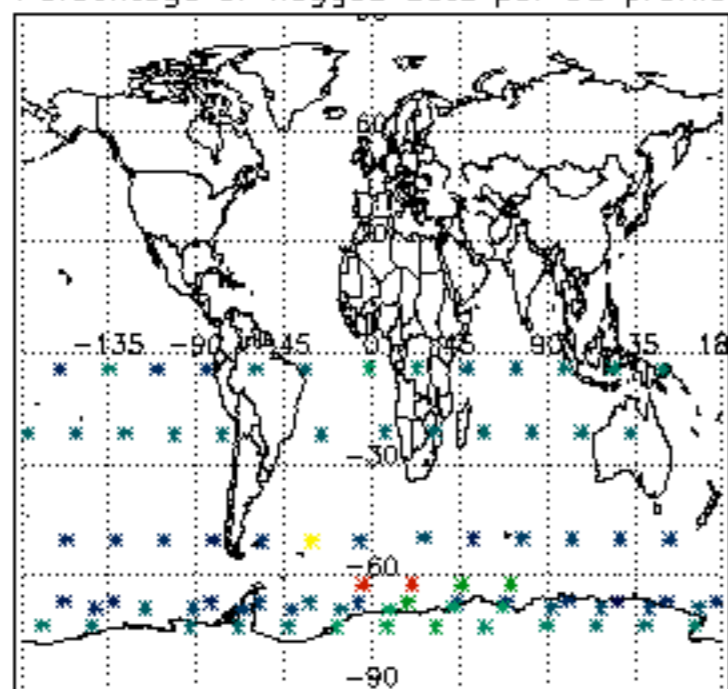
6. Auxiliary Data Files used for the production reported in section 2

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.

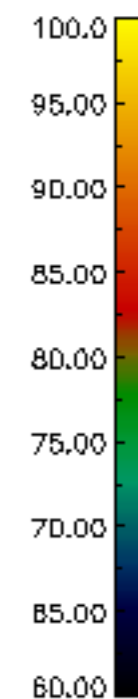
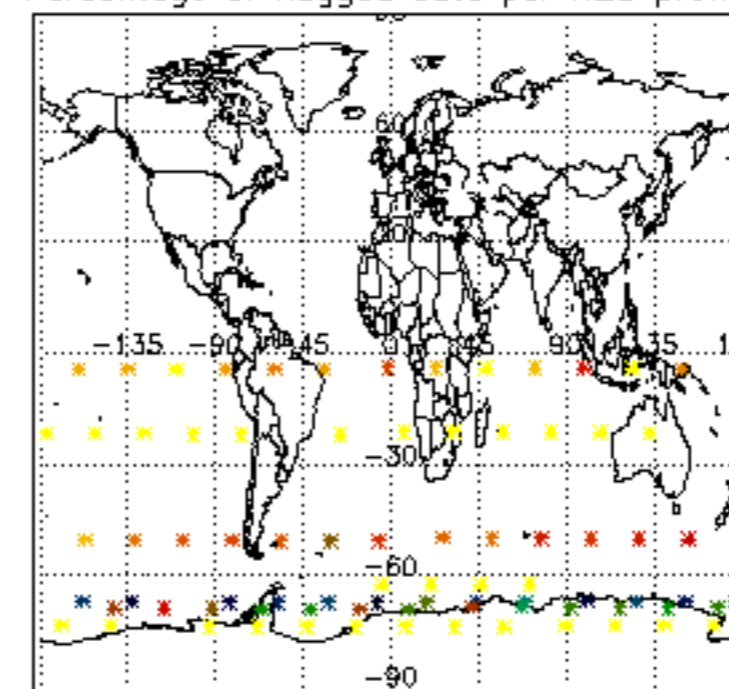
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	29-JUL-2010 00:00:24
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	29-JUL-2010 00:00:24
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	29-JUL-2010 00:00:24



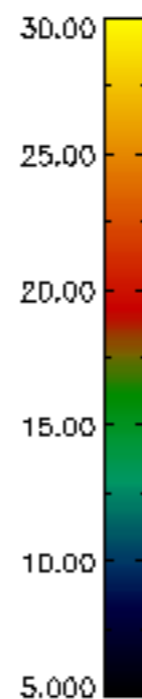
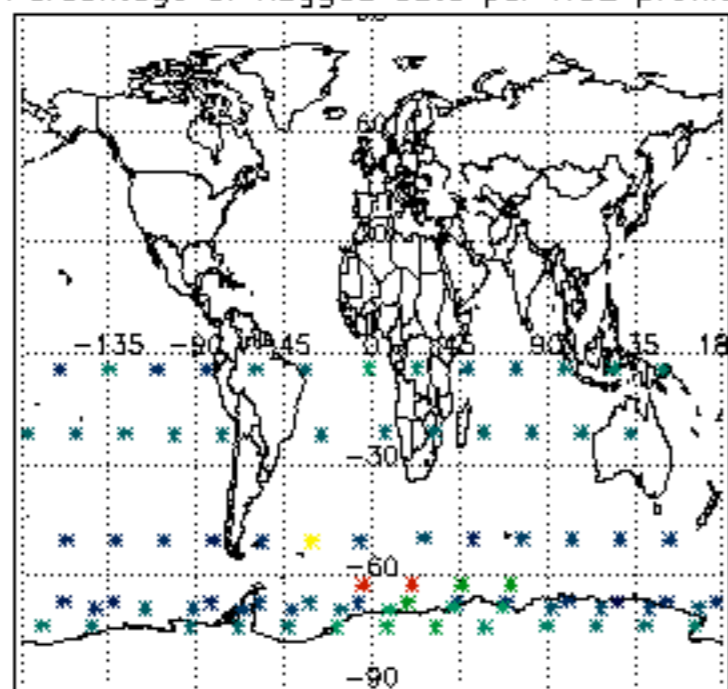
Percentage of flagged data per D3 profile



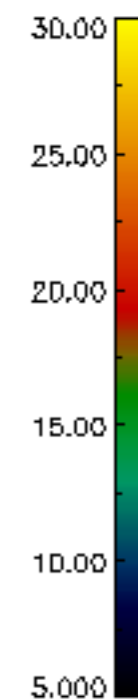
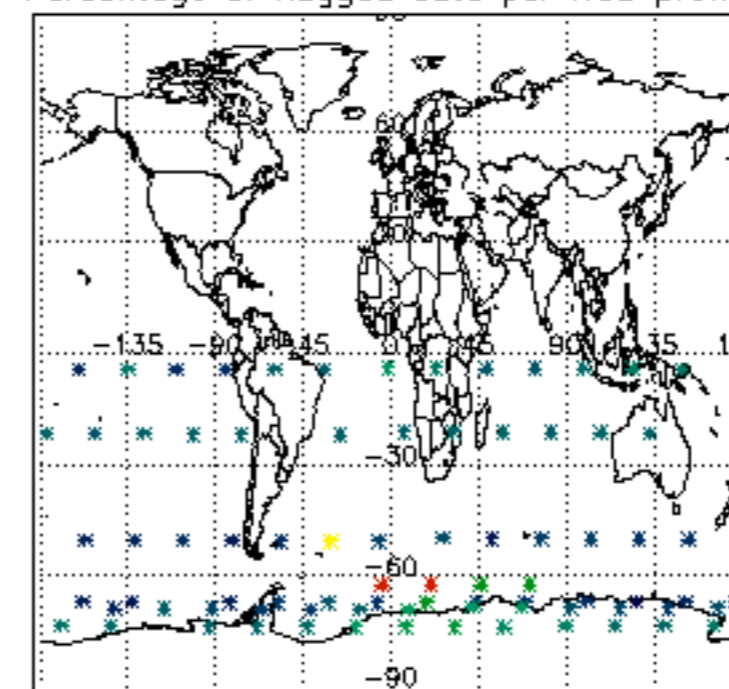
Percentage of flagged data per H2O profile

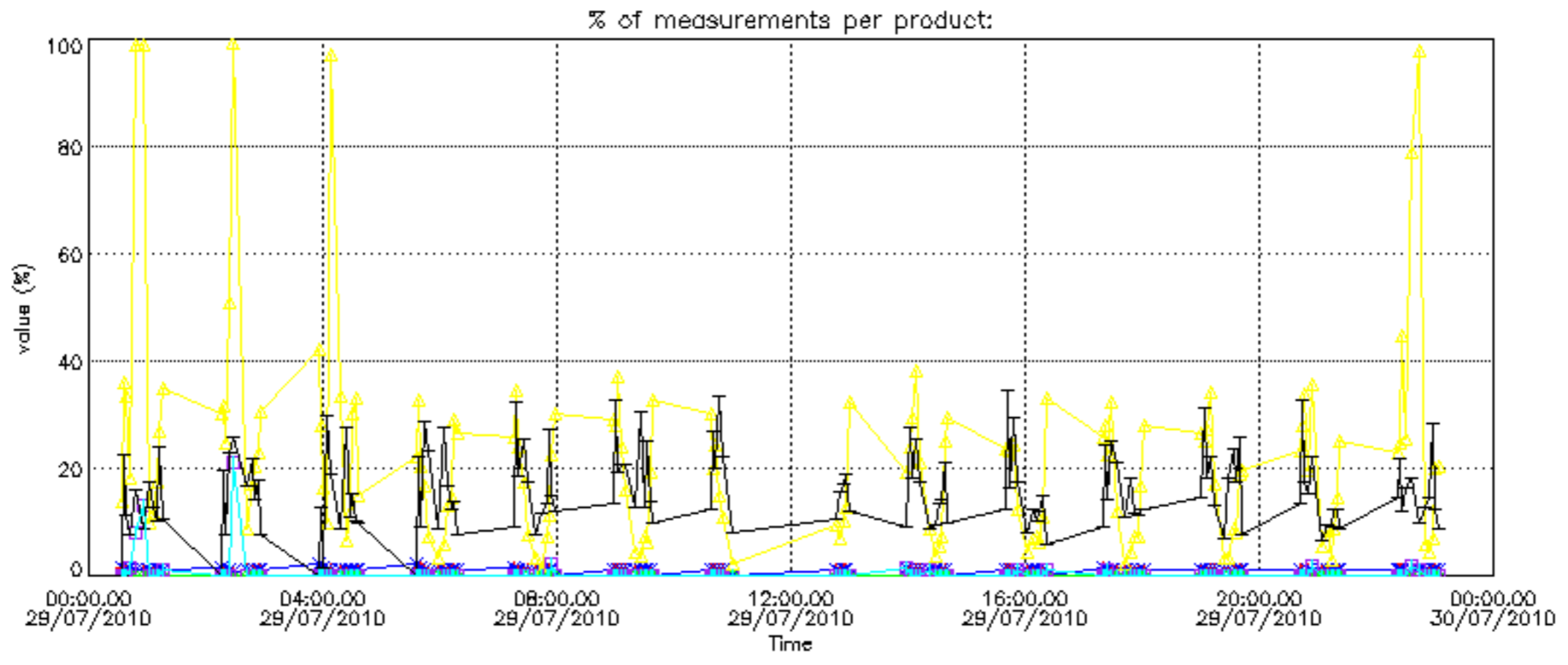


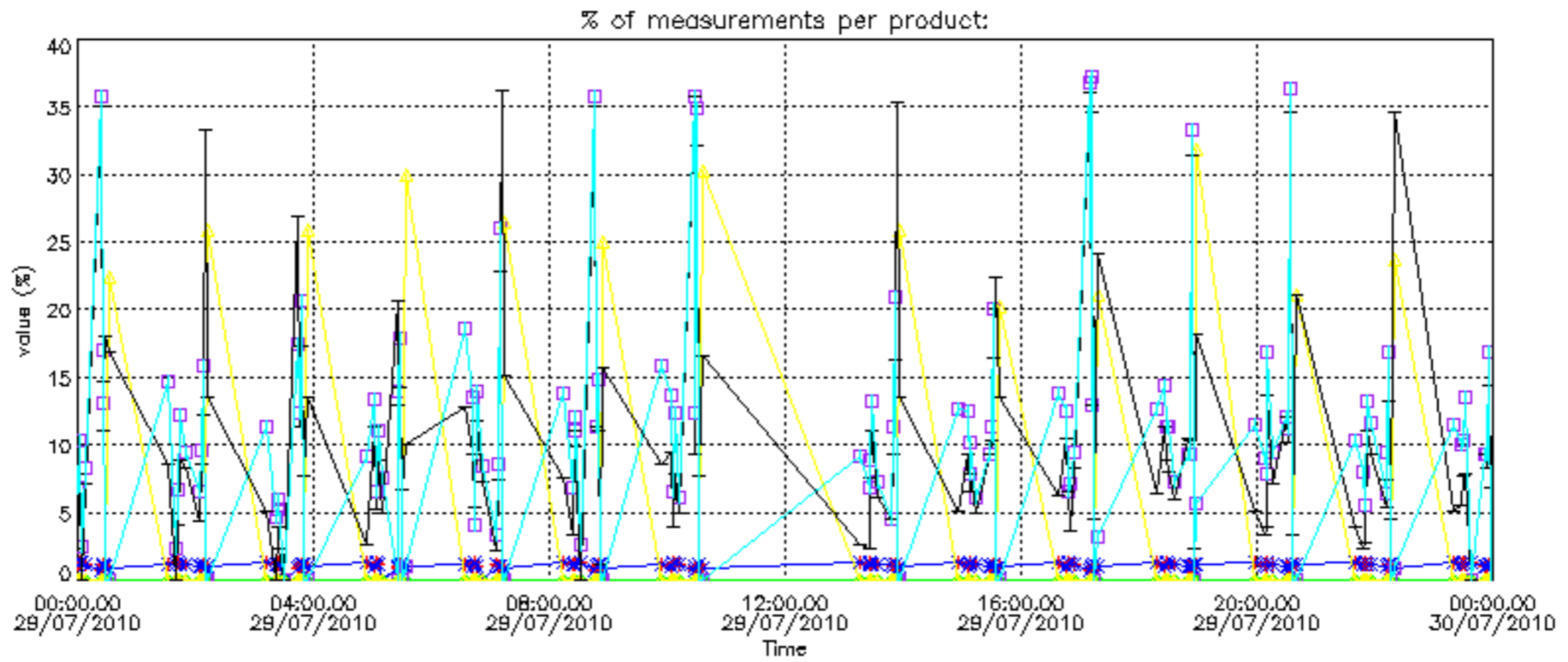
Percentage of flagged data per NO2 profile



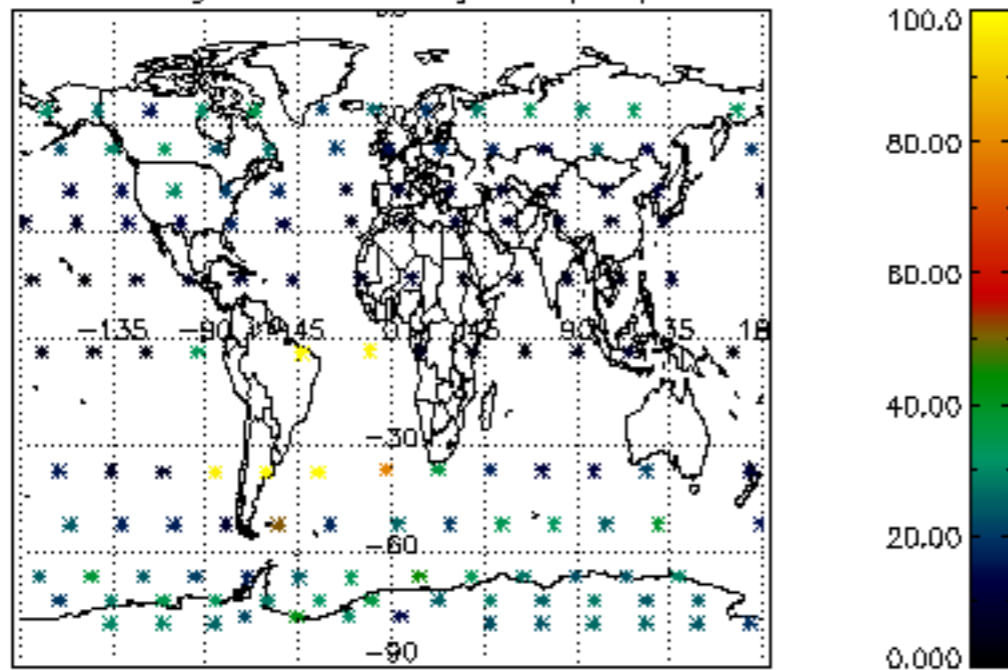
Percentage of flagged data per NO3 profile



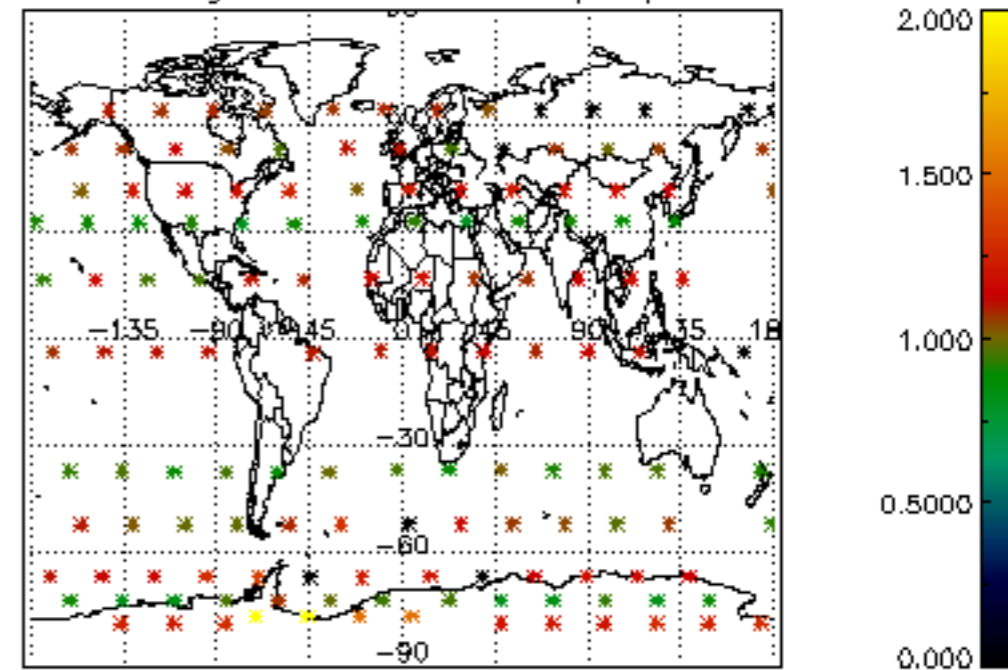




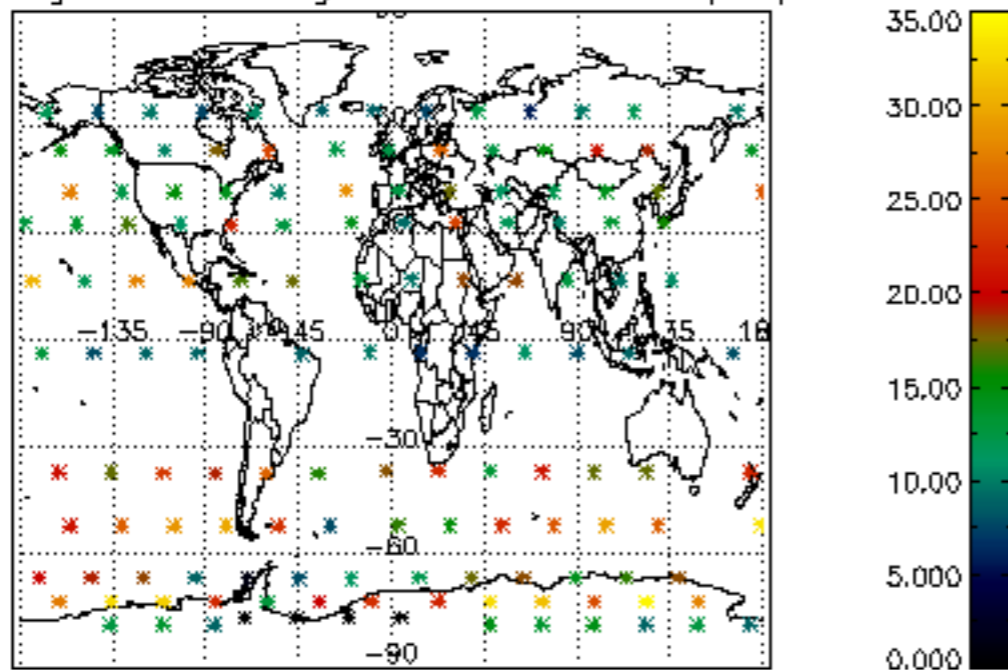
Percentage of cosmic ray hits per profile



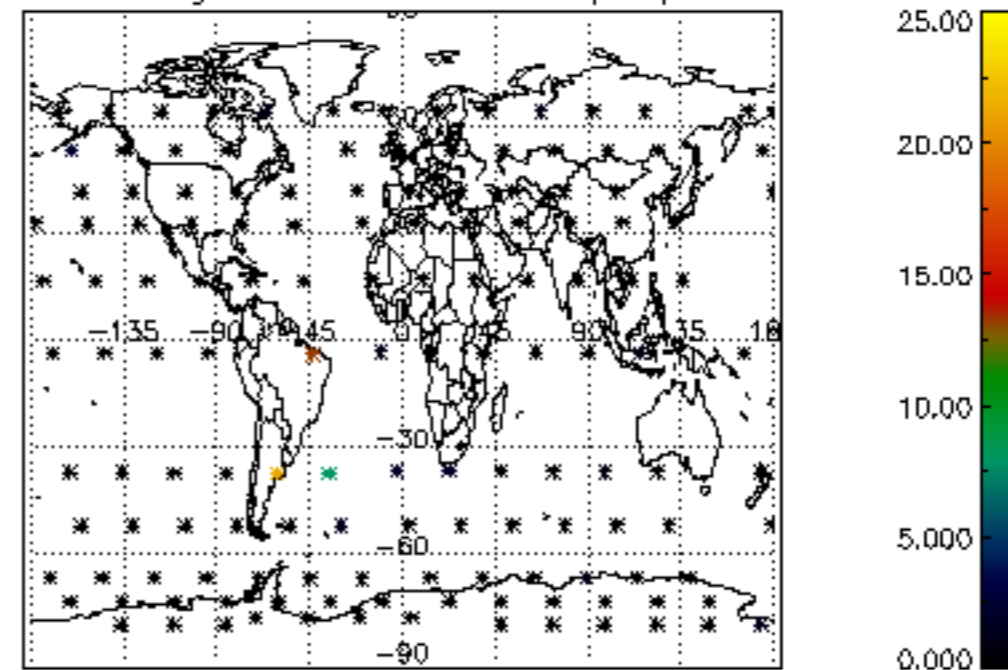
Percentage of datation errors per profile



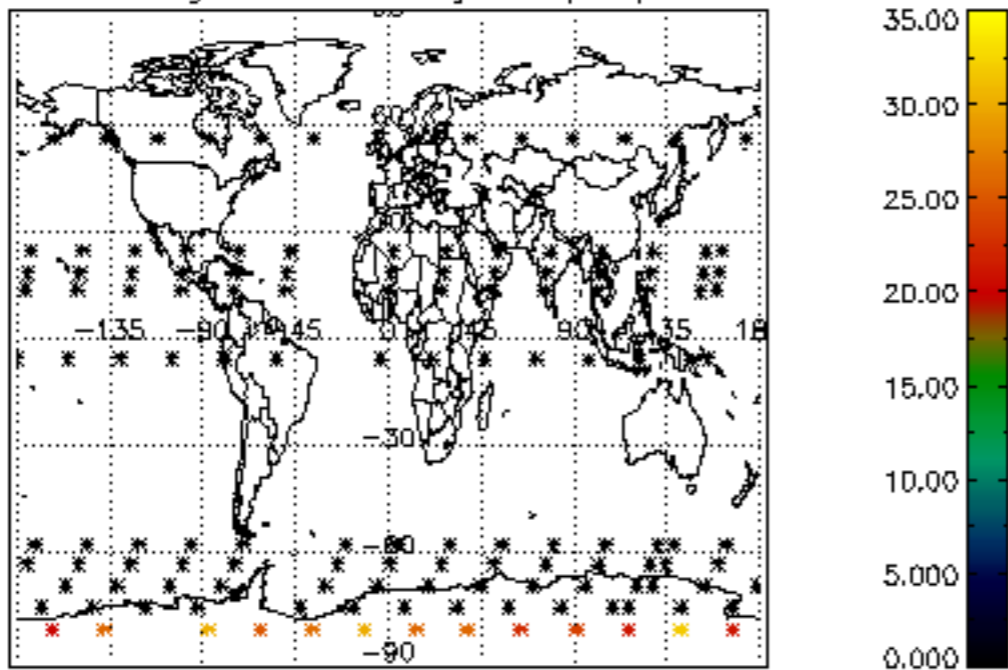
Percentage of star falling outside central band per profile



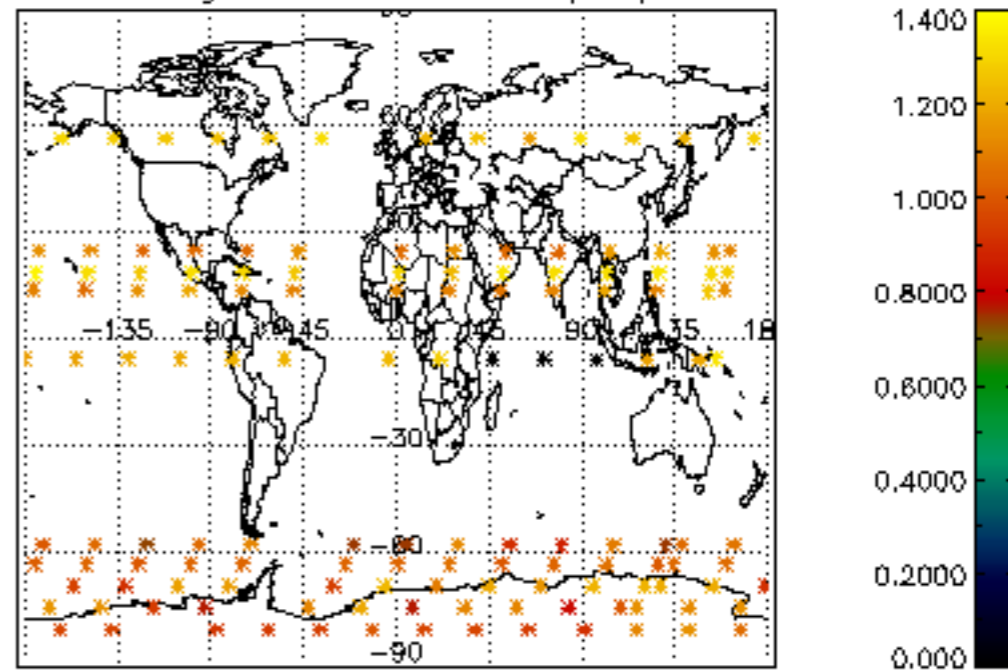
Percentage of saturation errors per profile



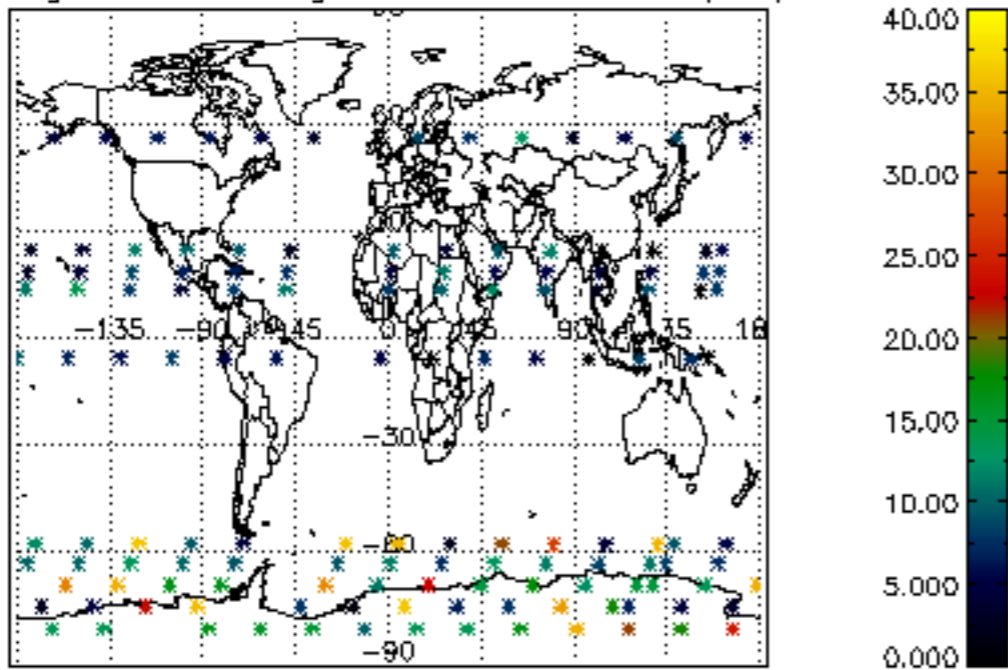
Percentage of cosmic ray hits per profile



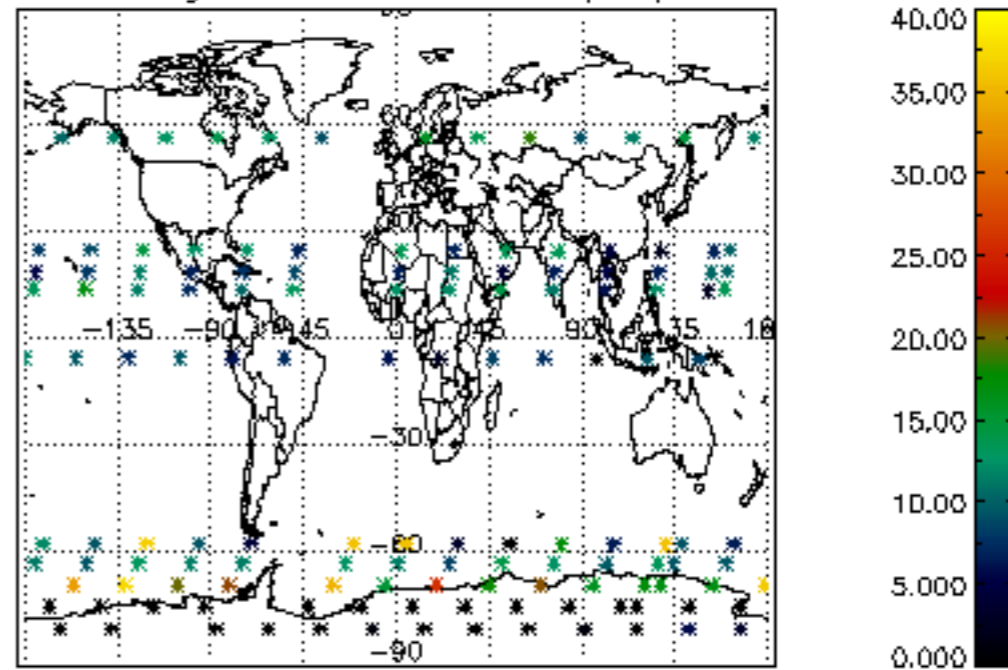
Percentage of datation errors per profile

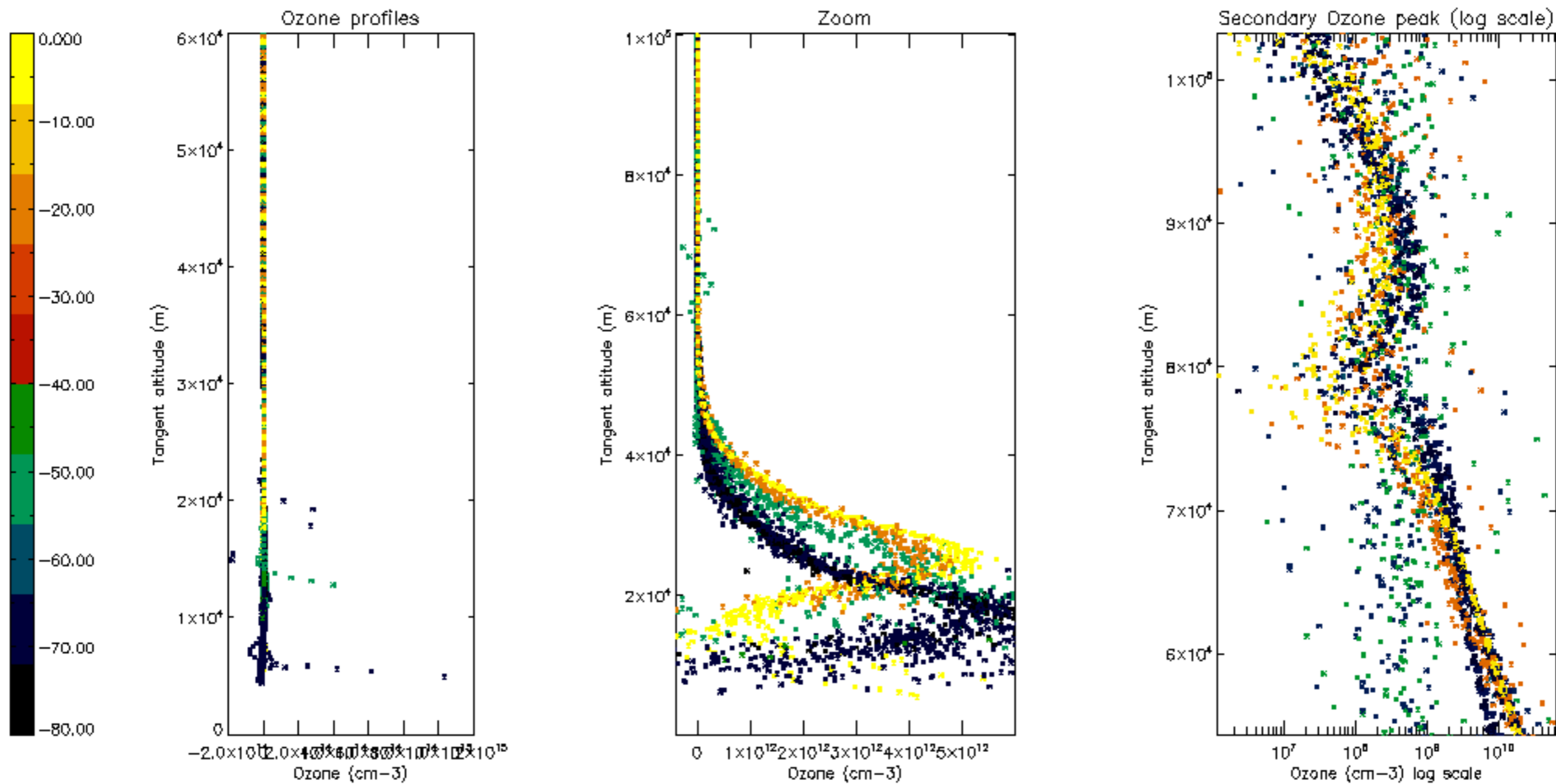


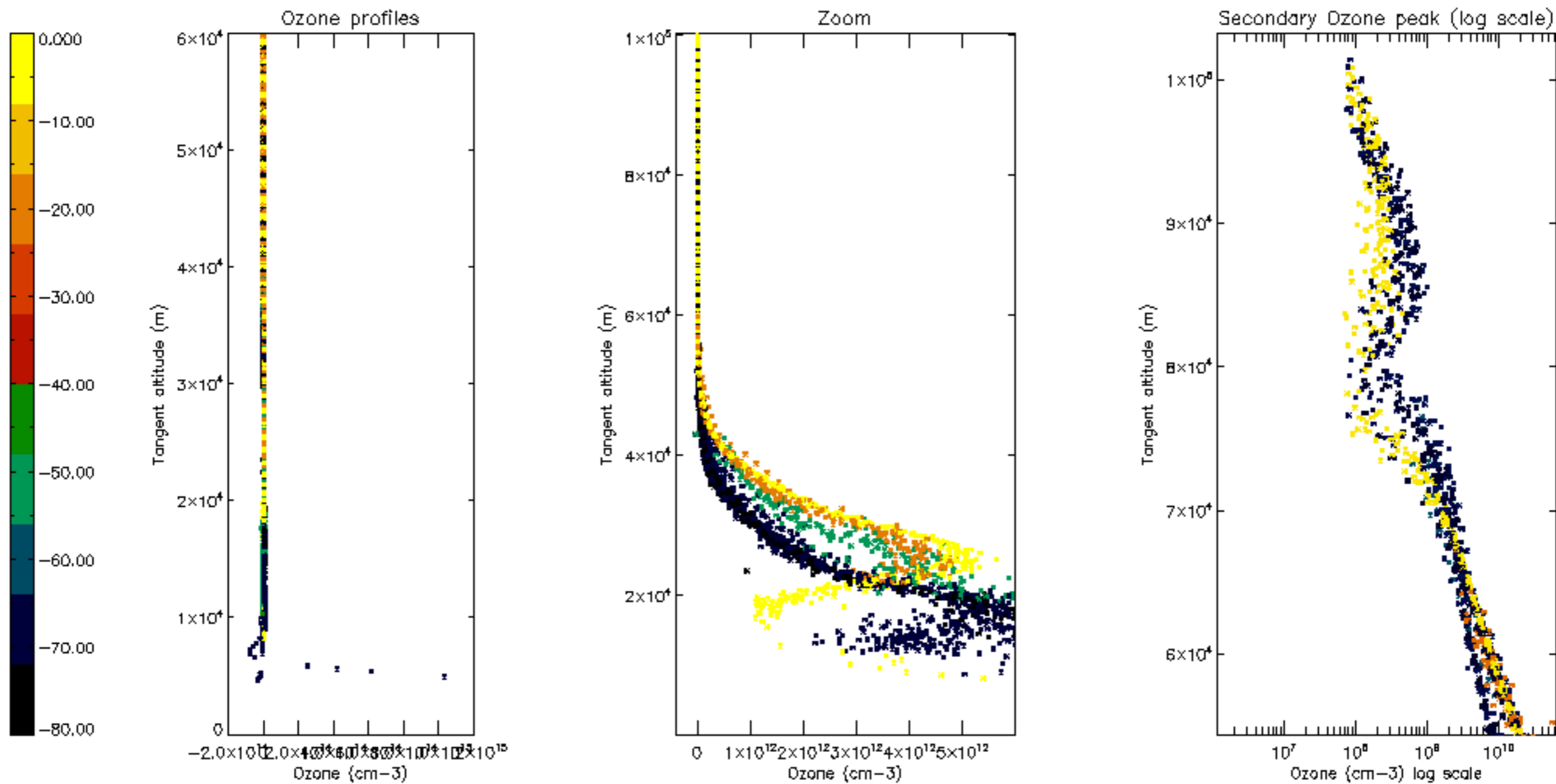
Percentage of star falling outside central band per profile

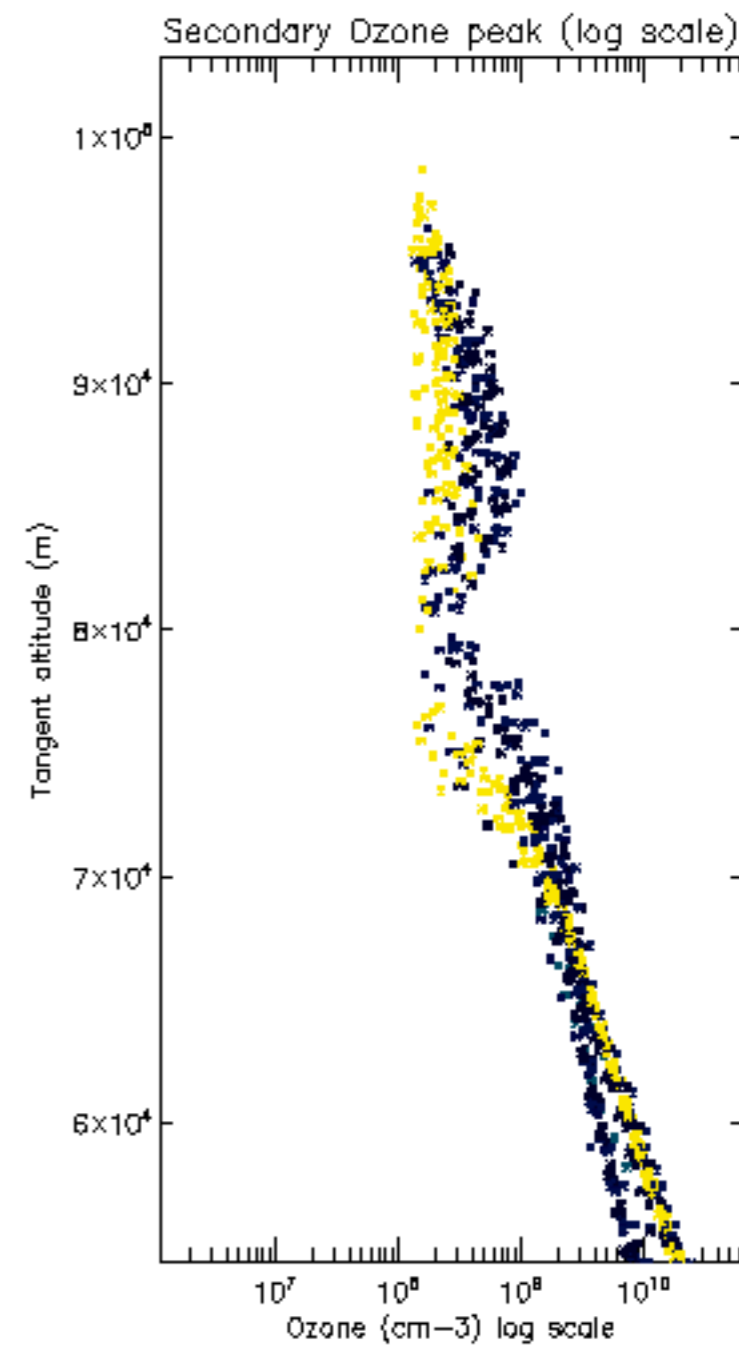
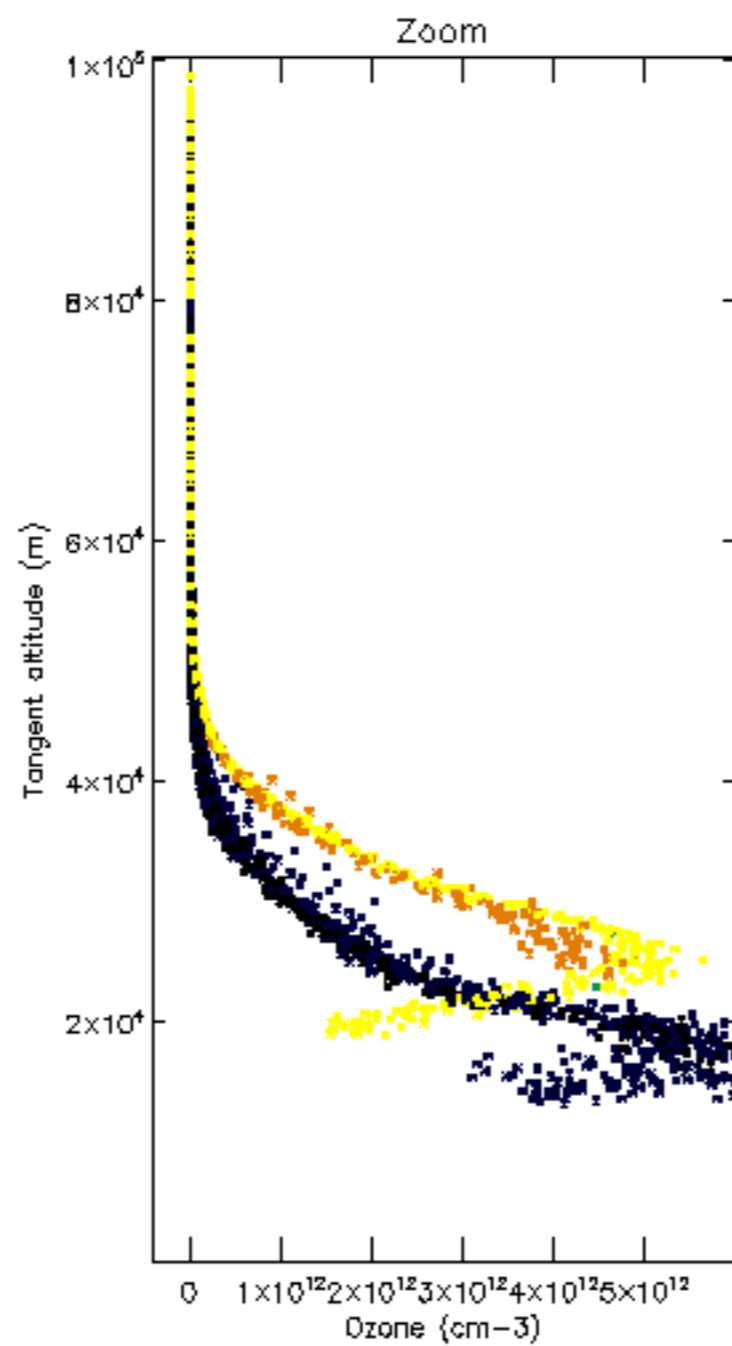
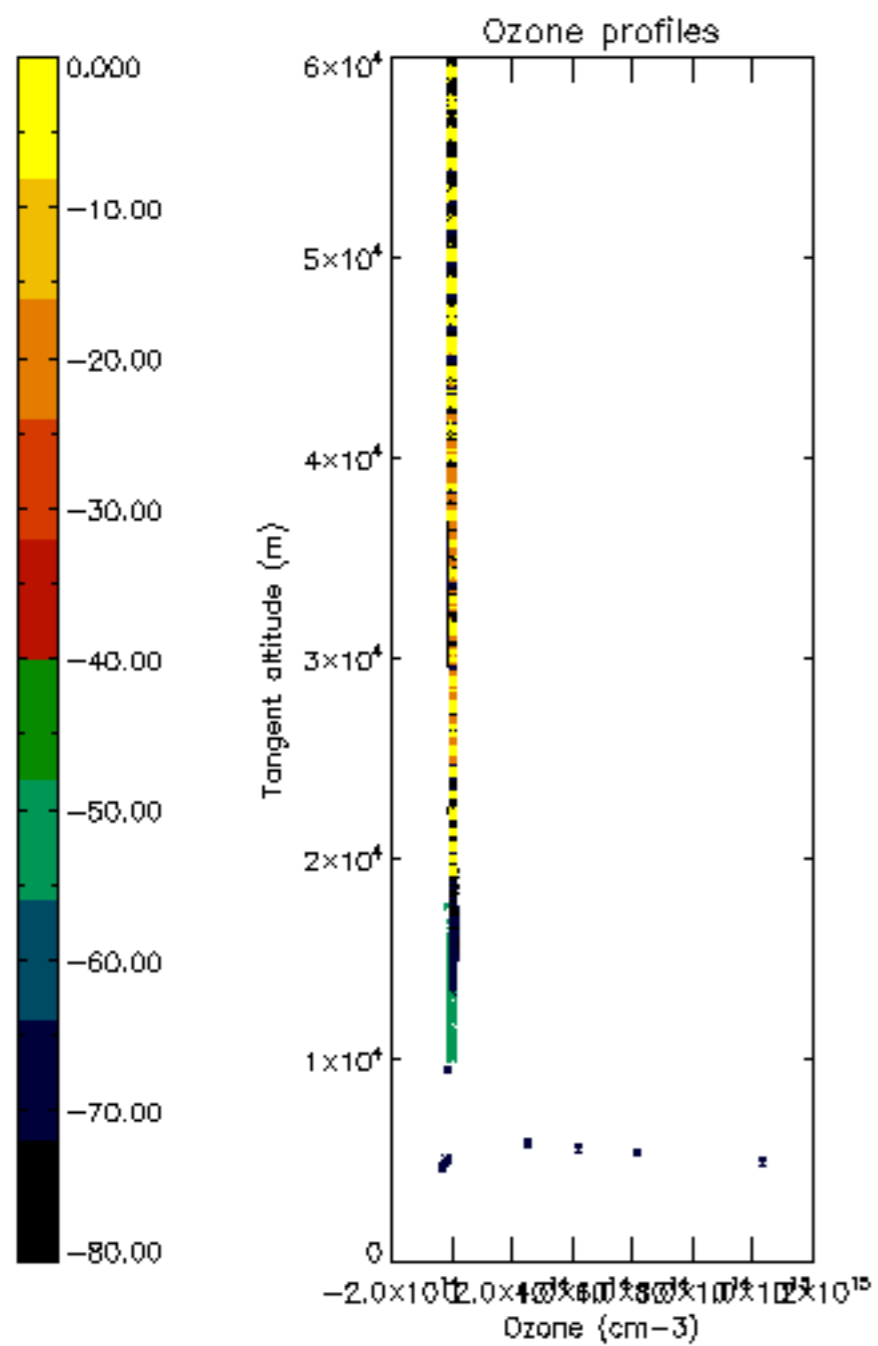


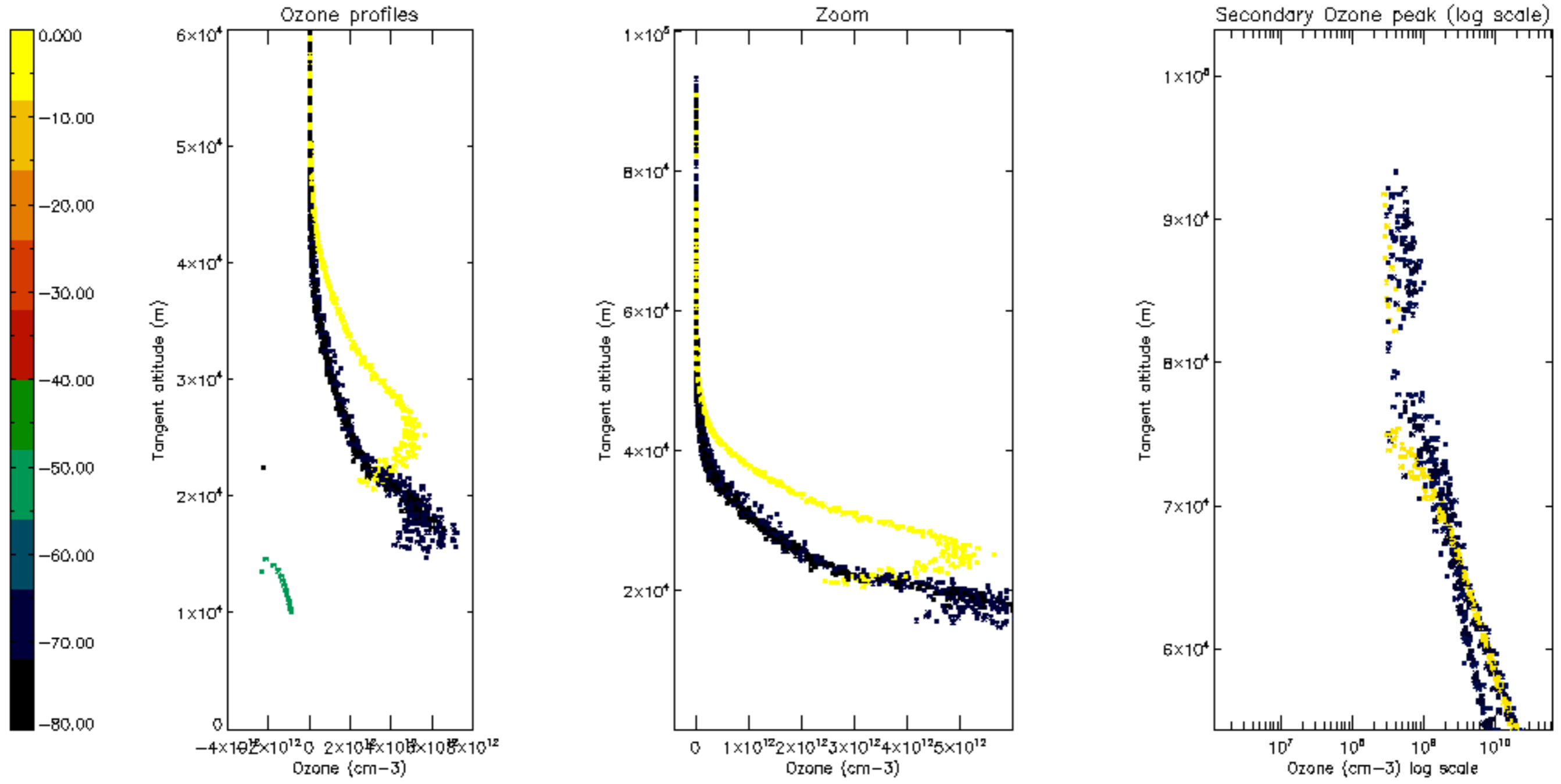
Percentage of saturation errors per profile

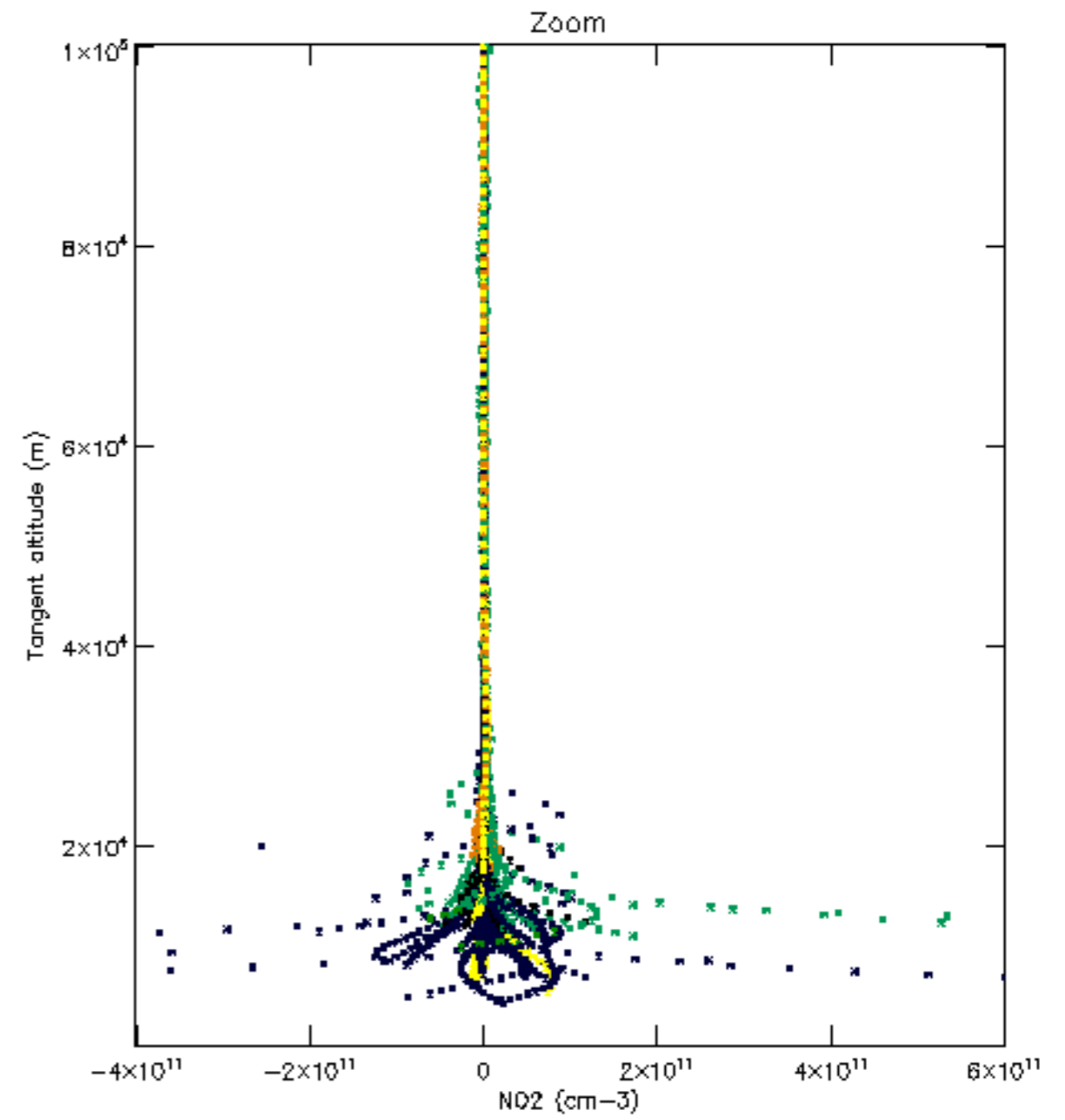
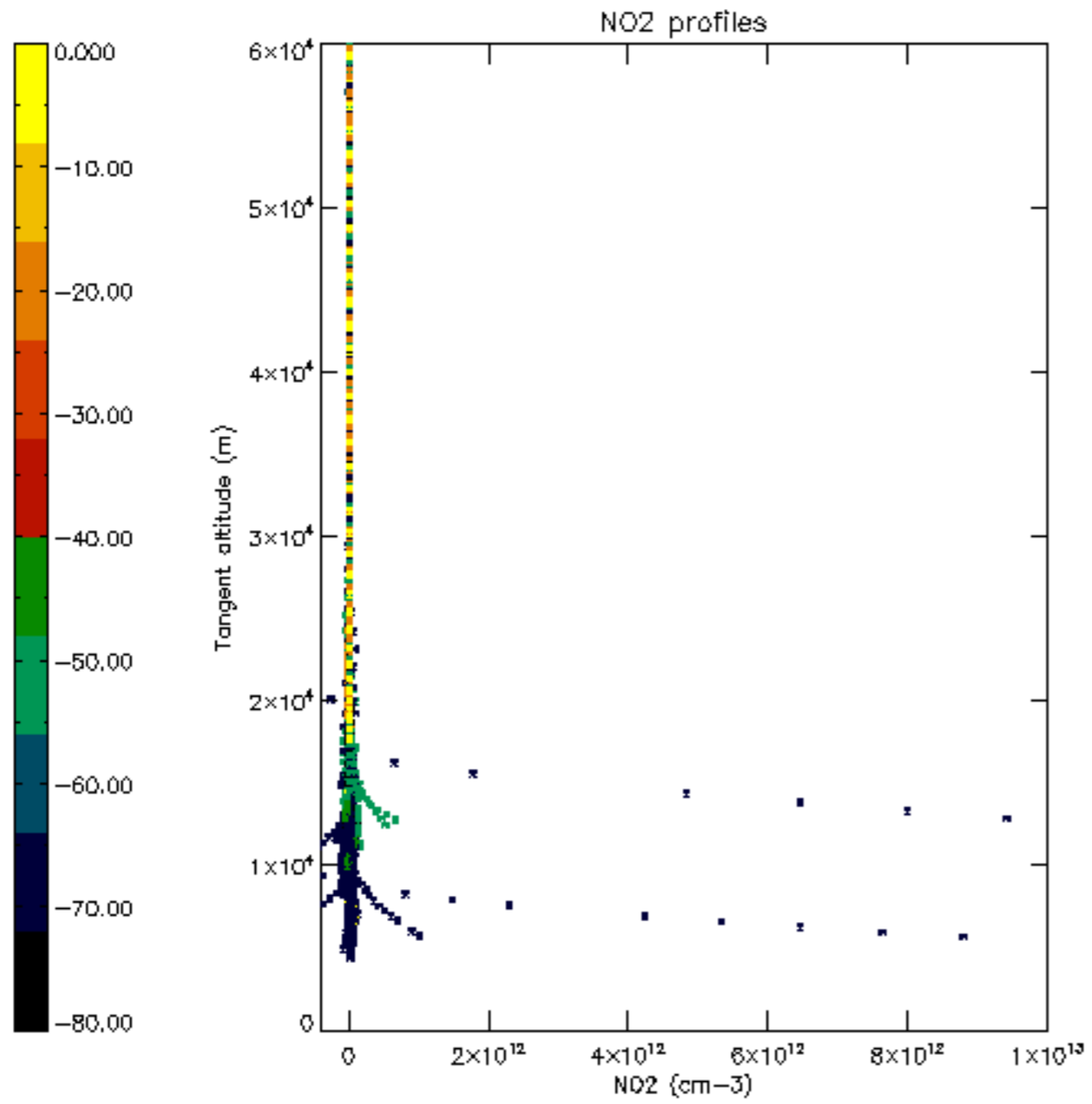


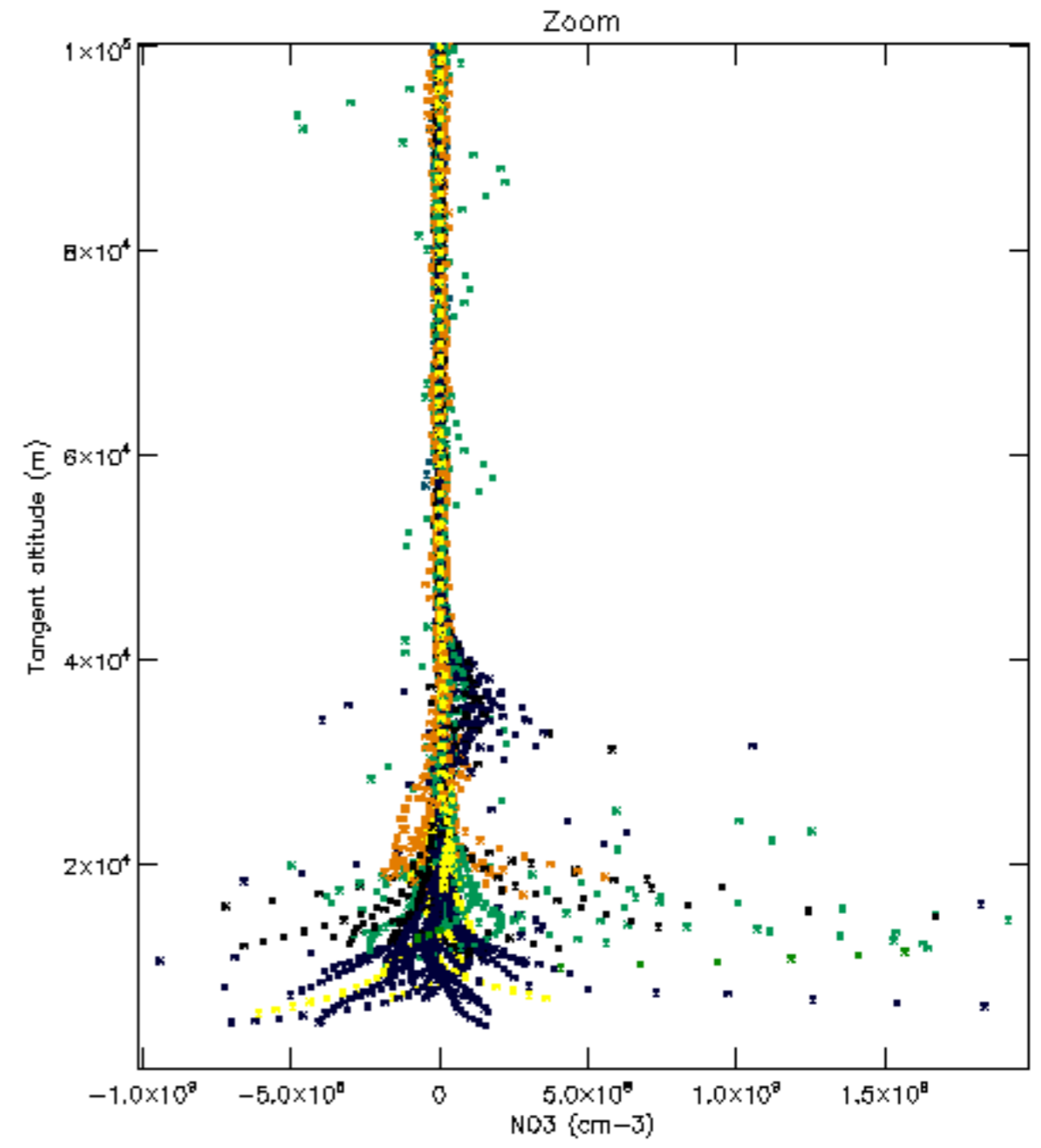
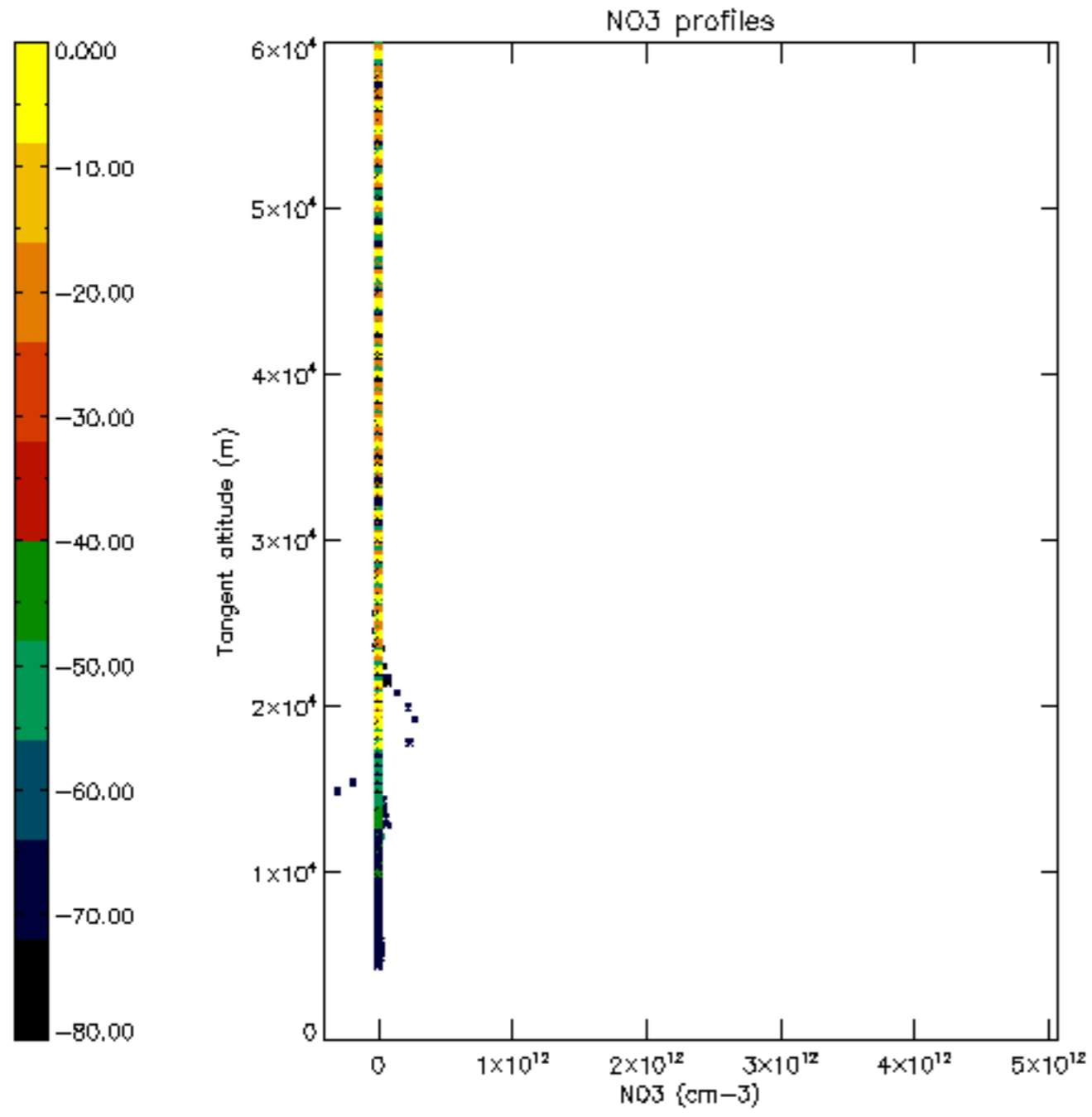


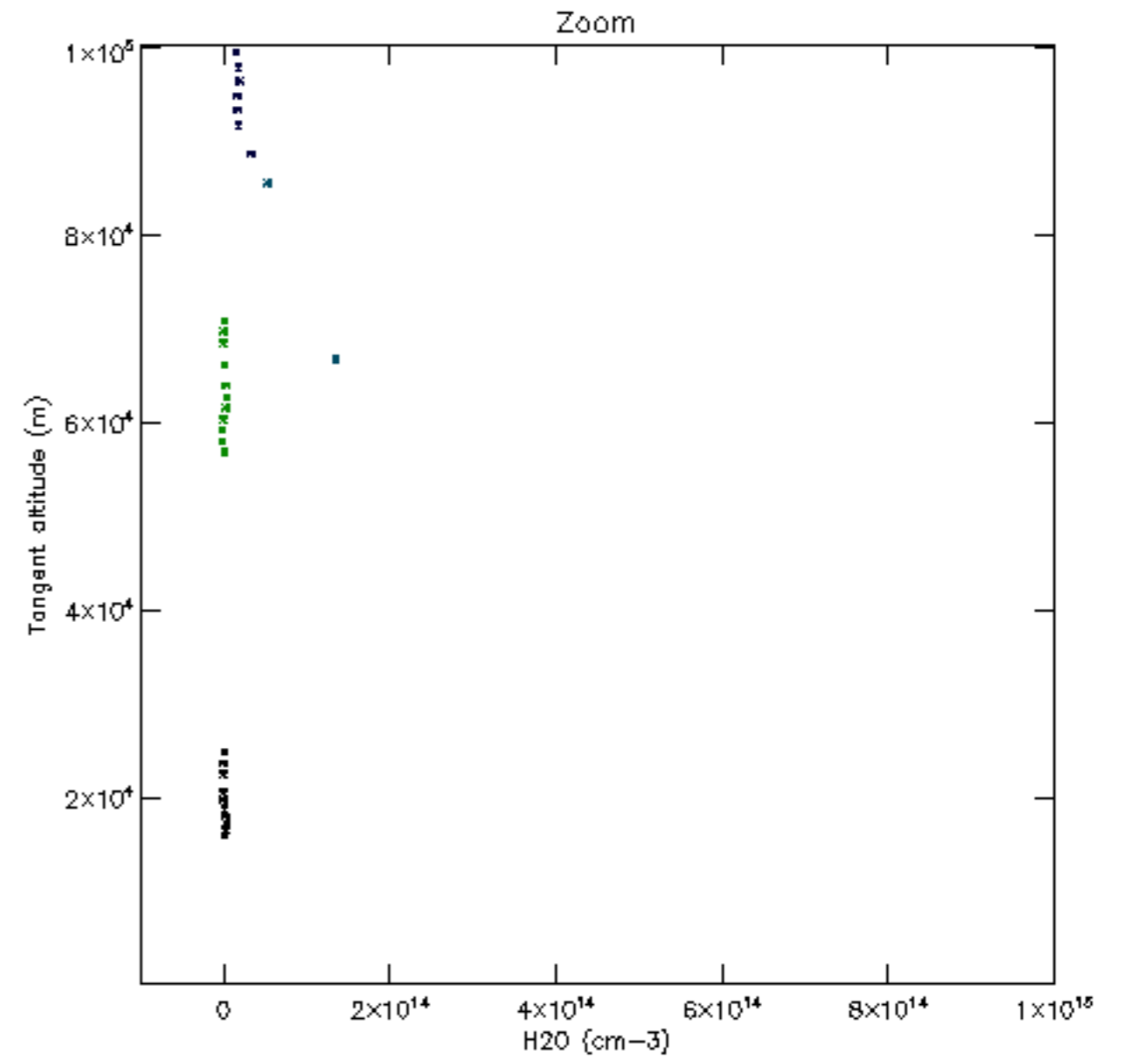
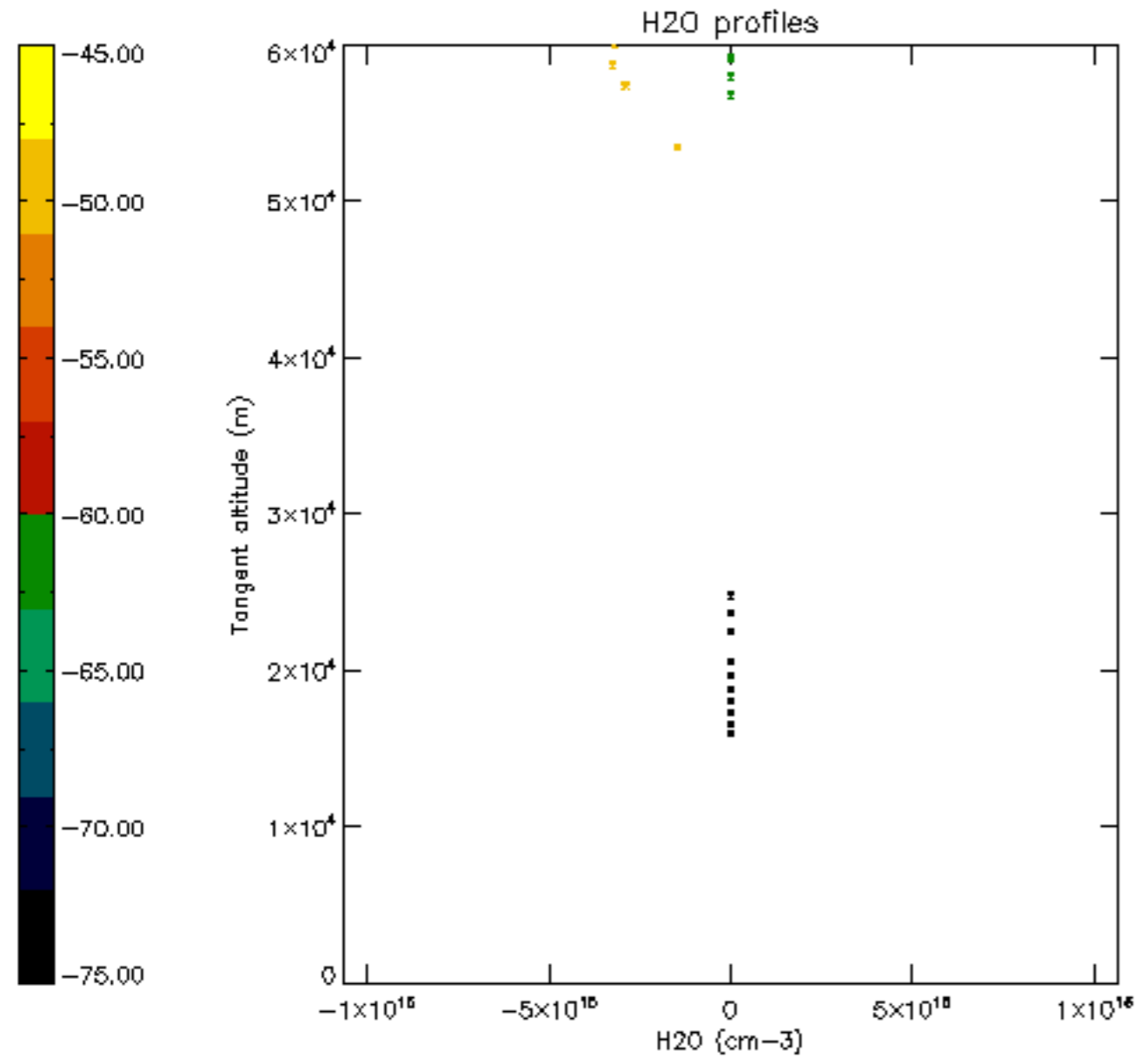


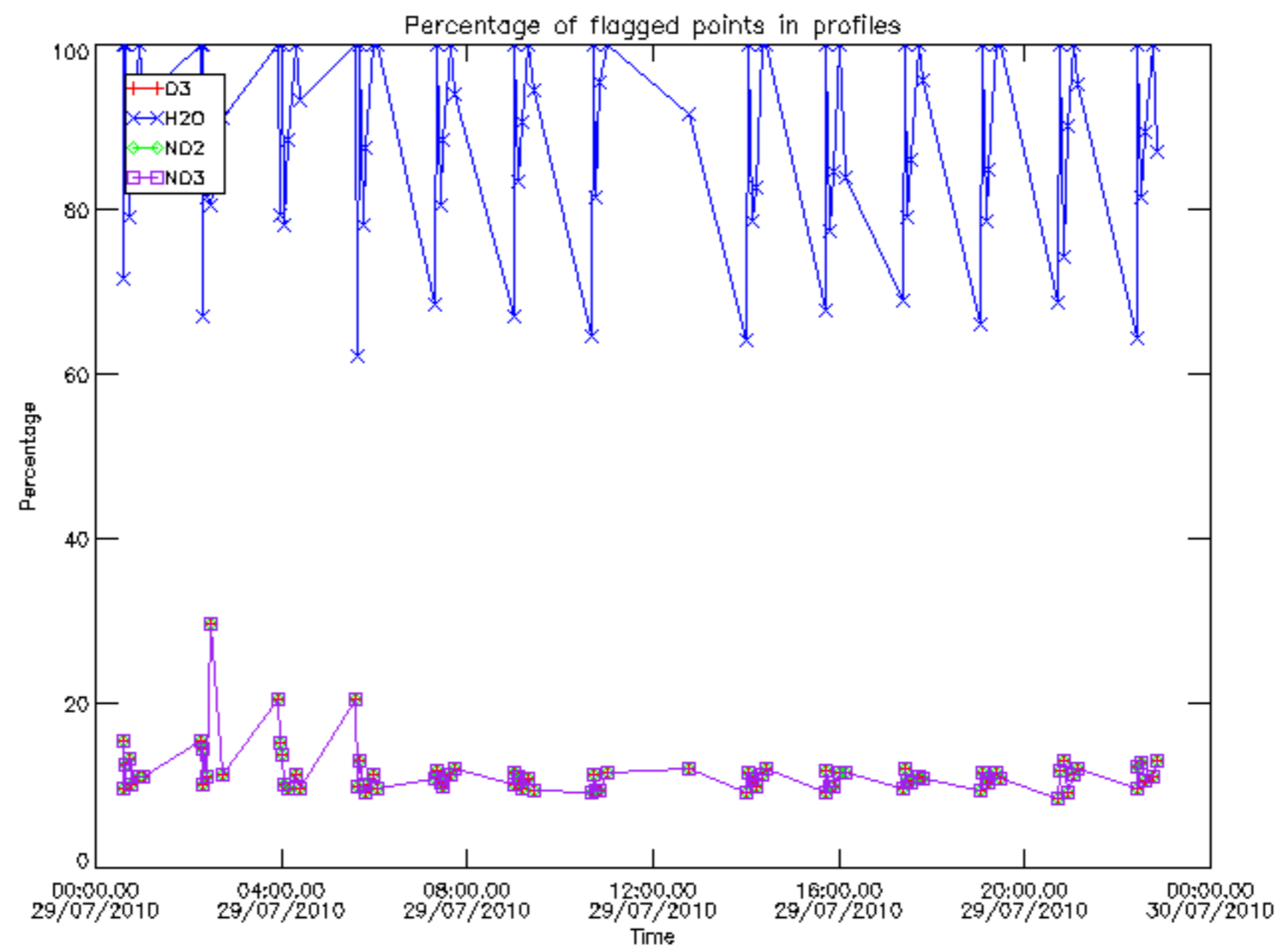




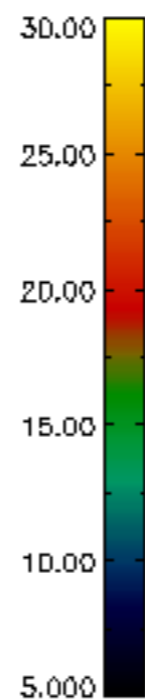
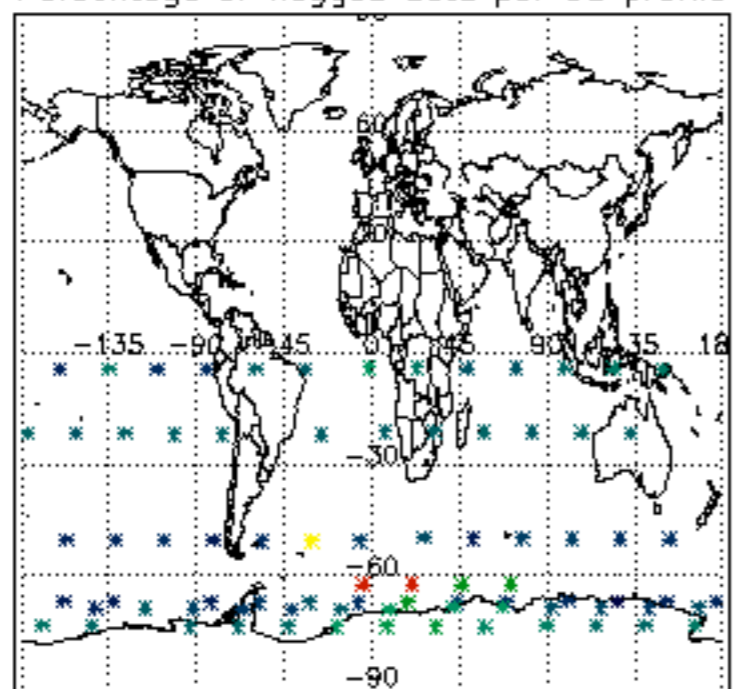




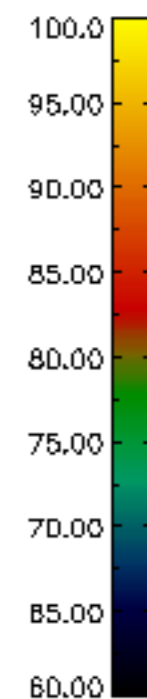
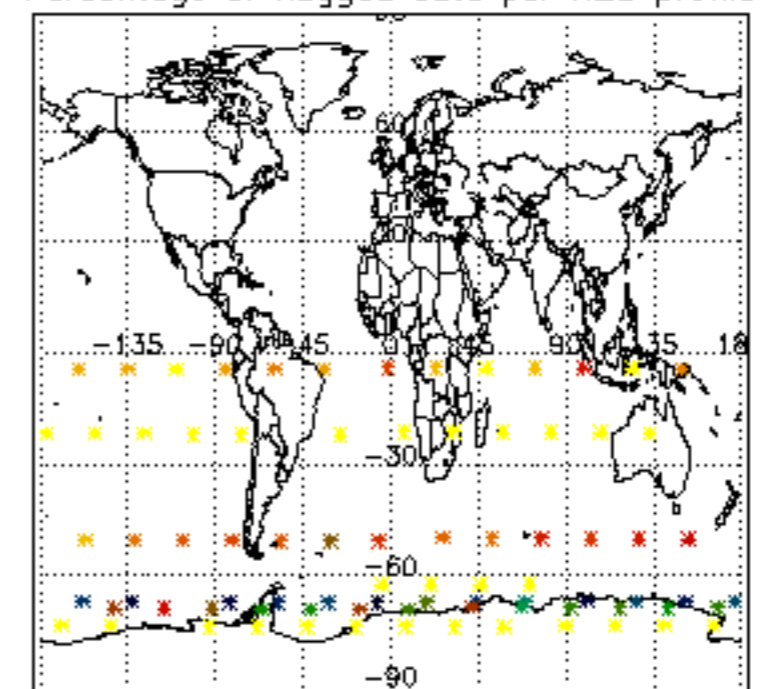




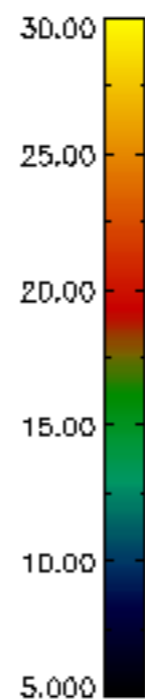
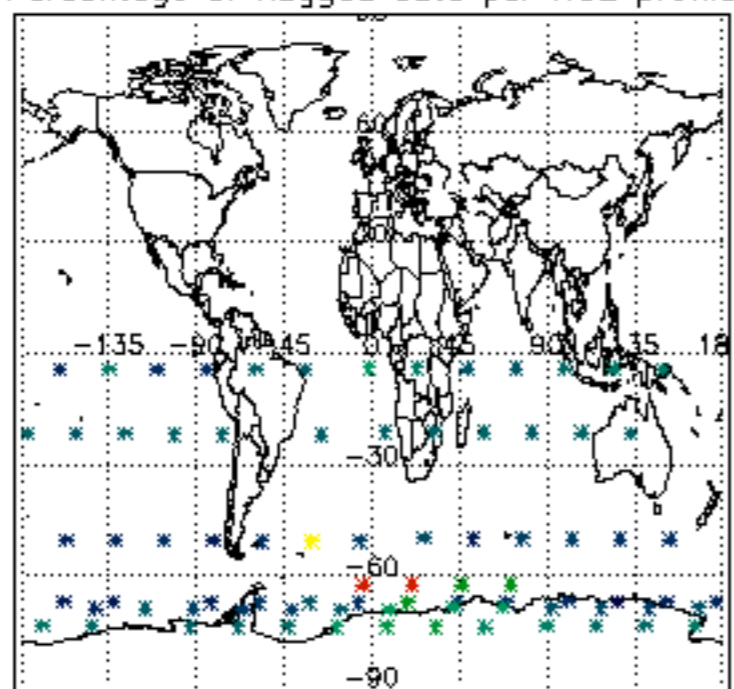
Percentage of flagged data per D3 profile



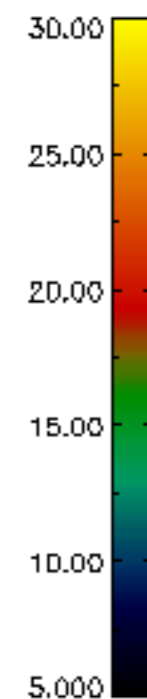
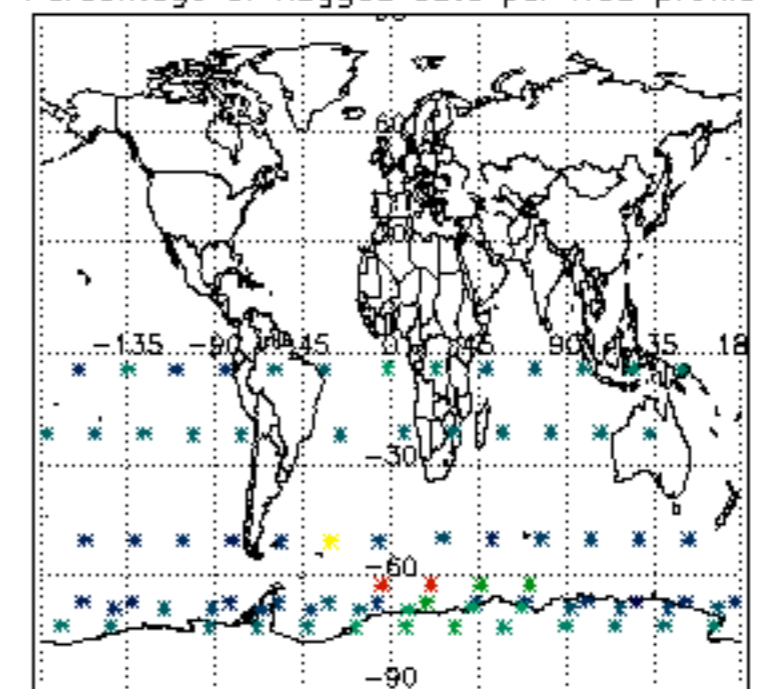
Percentage of flagged data per H2O profile

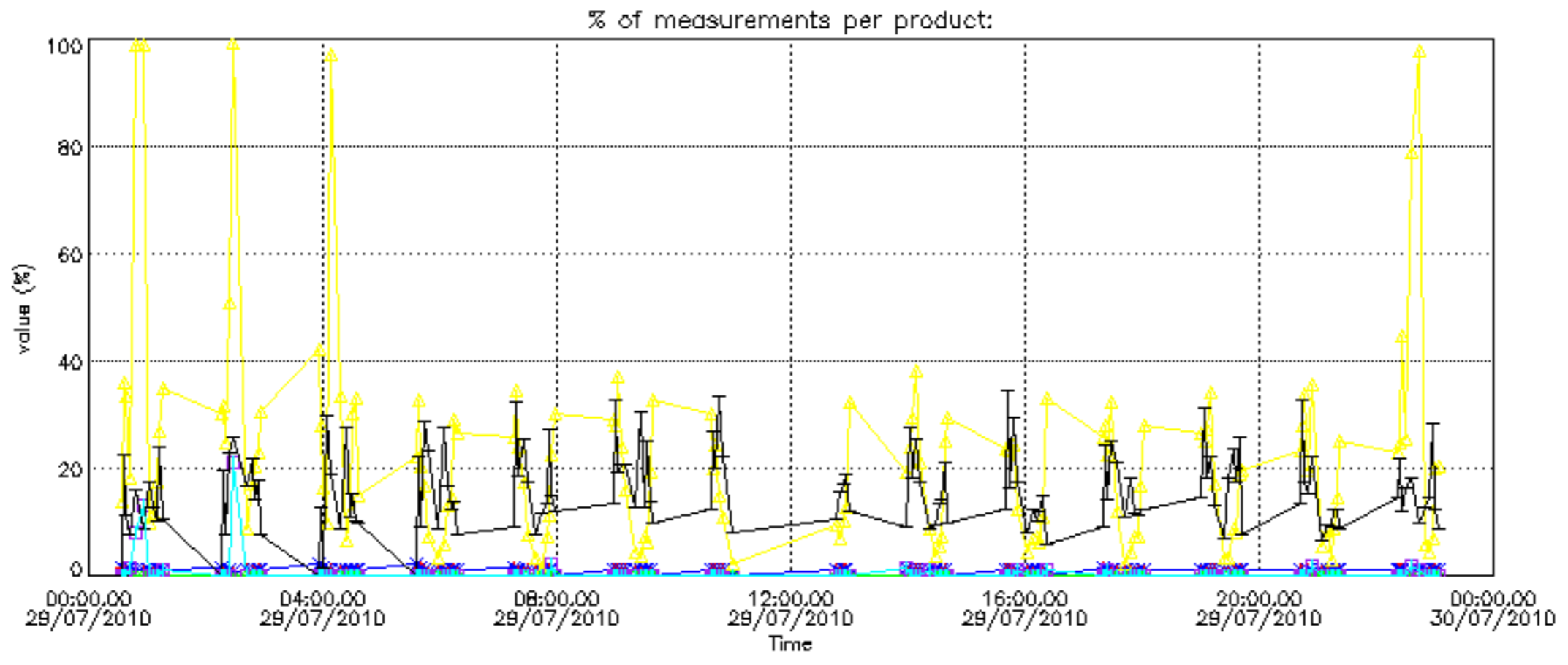


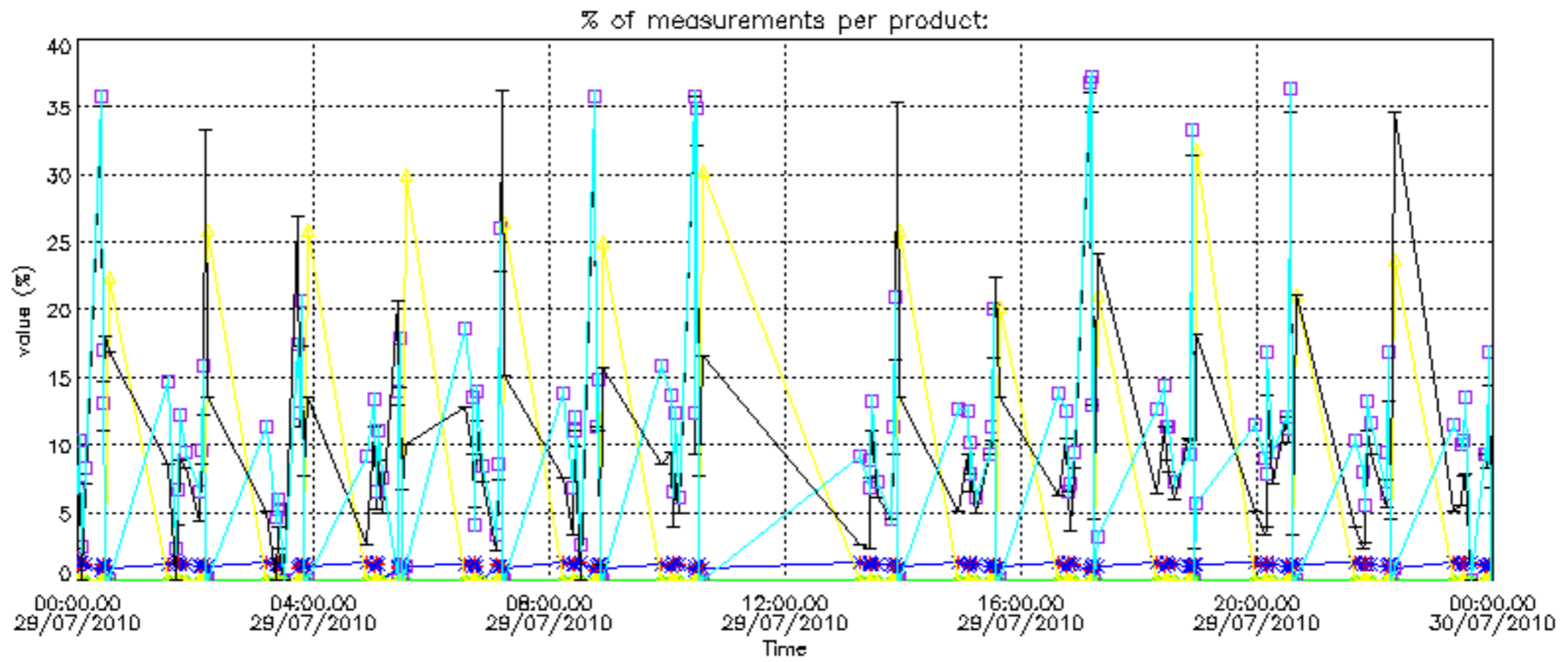
Percentage of flagged data per NO2 profile



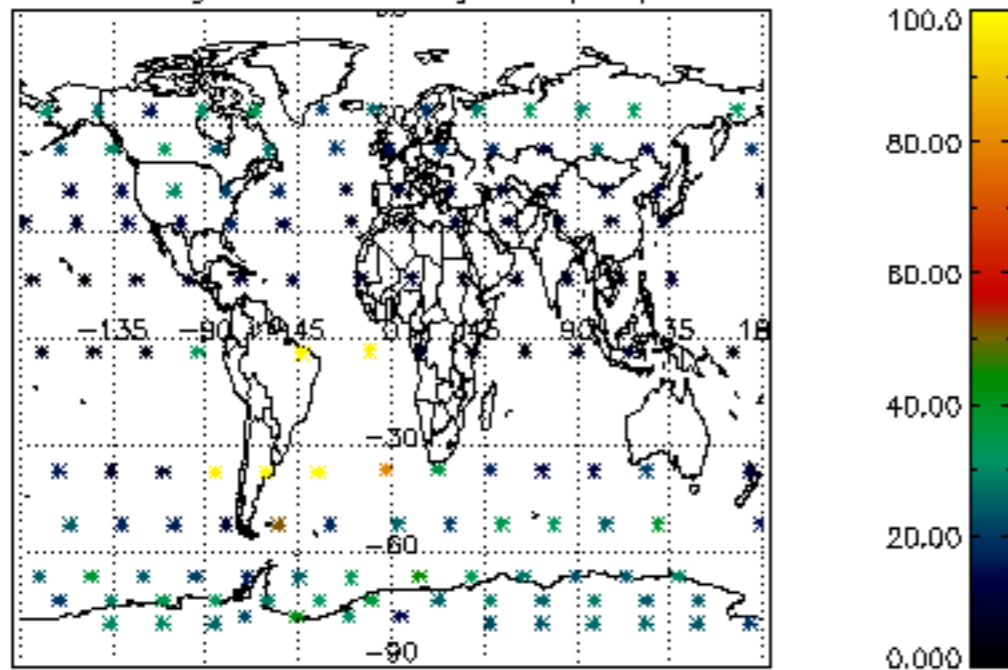
Percentage of flagged data per NO3 profile



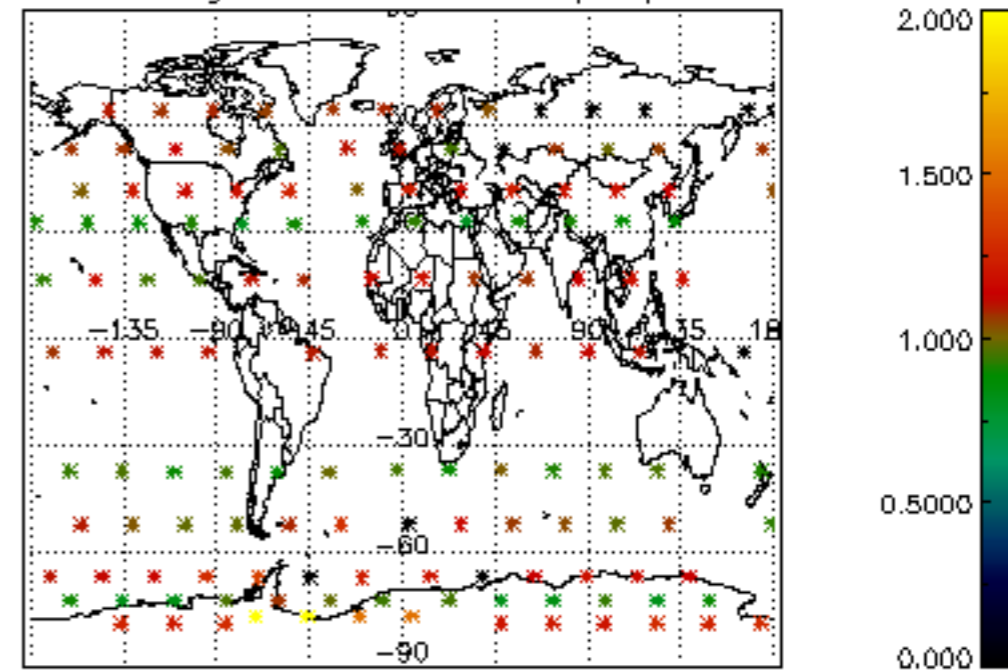




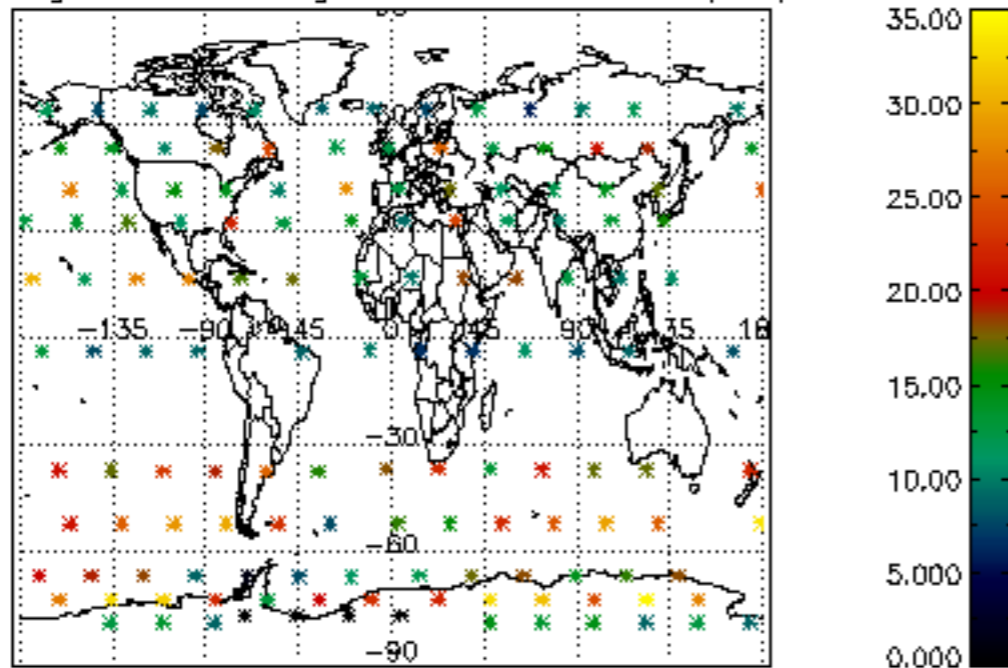
Percentage of cosmic ray hits per profile



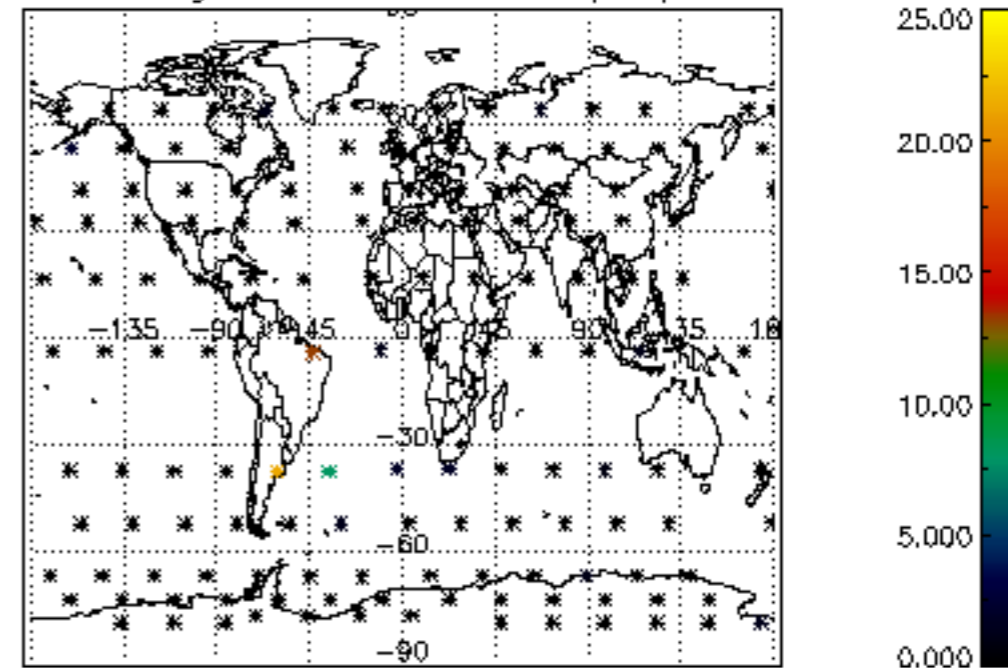
Percentage of datation errors per profile



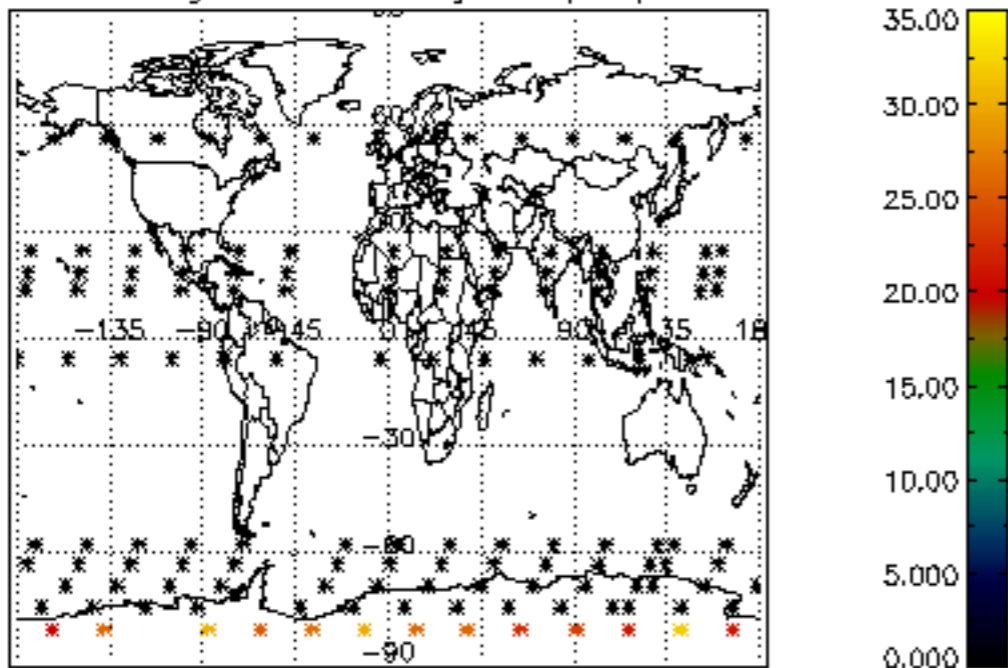
Percentage of star falling outside central band per profile



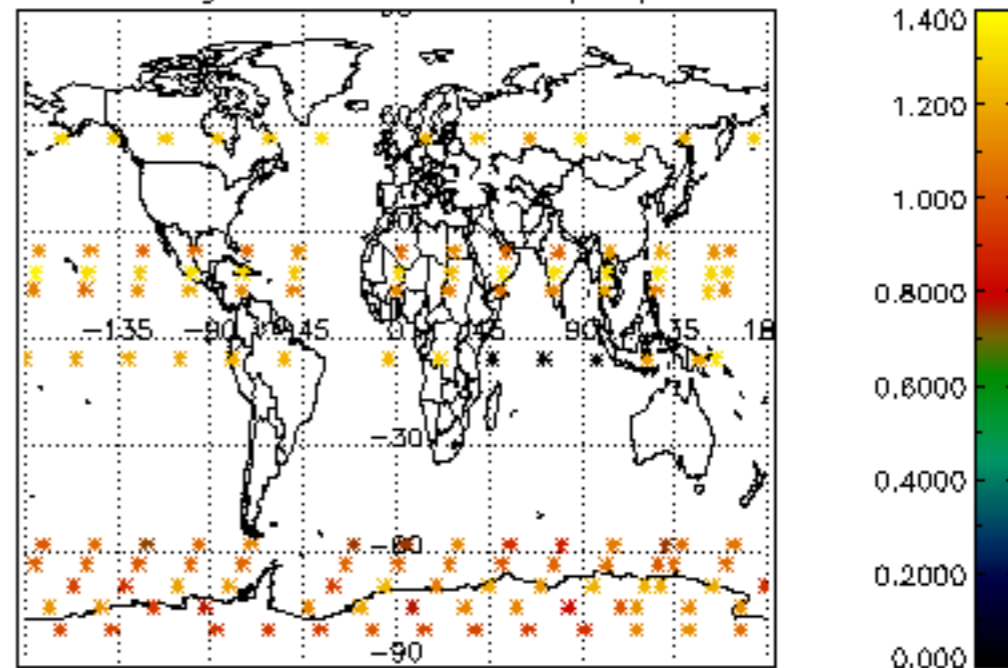
Percentage of saturation errors per profile



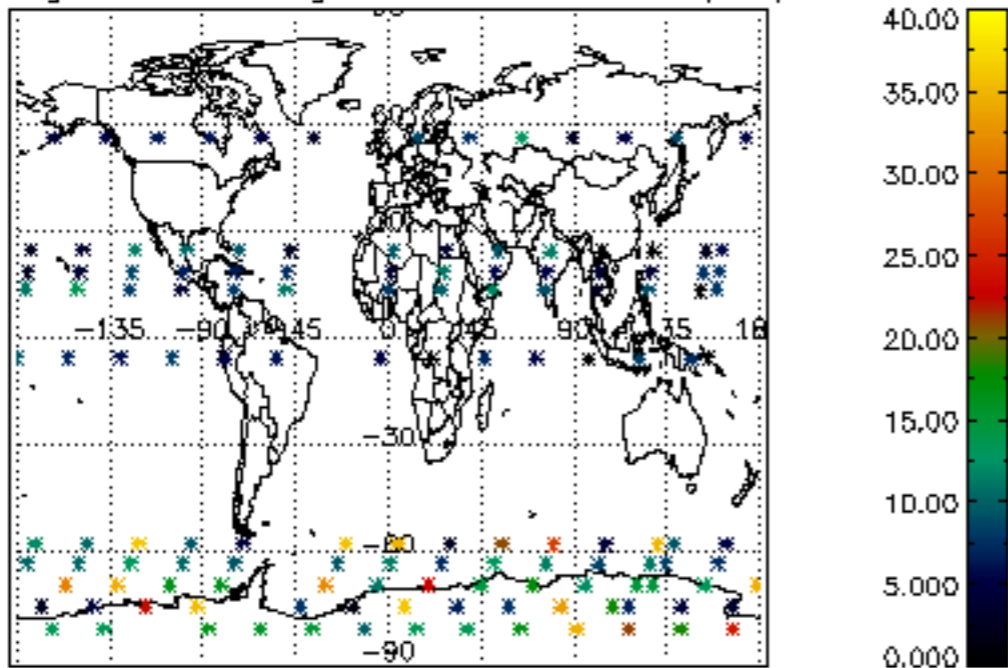
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

