

# GOMOS Level 2 Daily Report

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This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	29APR2013 12:18:37
Data source version	GOMOS/6.01
Start time of products	24-06-2010 (24JUN2010 00:00:00)
Stop time of products	25-06-2010 (25JUN2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	242
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__2PRFIN20100624_000207_000000492090_00331_43471_6369.N1	24-JUN-2010 00:02:07	Bright	48.500	5	3Alp Lyr	0.033000	11000.	97	43471	No
2	GOM_NL__2PRFIN20100624_000406_000000372090_00331_43471_6370.N1	24-JUN-2010 00:04:06	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	43471	No
3	GOM_NL__2PRFIN20100624_001350_000000482090_00331_43471_6371.N1	24-JUN-2010 00:13:50	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43471	No
4	GOM_NL__2PRFIN20100624_002050_000000672090_00331_43471_6372.N1	24-JUN-2010 00:20:50	Bright	67.000	74	11Bet Cas	2.2680	6600.0	134	43471	No
5	GOM_NL__2PRFIN20100624_002223_000000482090_00331_43471_6373.N1	24-JUN-2010 00:22:23	Bright	47.500	68	18Alp Cas	2.2250	4500.0	95	43471	No
6	GOM_NL__2PRFIN20100624_002440_000000542090_00331_43471_6374.N1	24-JUN-2010 00:24:40	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	43471	No
7	GOM_NL__2PRFIN20100624_002806_000000462090_00331_43471_6375.N1	24-JUN-2010 00:28:06	Bright	45.500	73	57Gam1And	2.2600	13100.	91	43471	No
8	GOM_NL__2PRFIN20100624_003032_000000462090_00331_43471_6376.N1	24-JUN-2010 00:30:32	Twilight	46.000	173	4Bet Tri	3.0040	8900.0	92	43471	No
9	GOM_NL__2PRFIN20100624_003424_000000512090_00331_43471_6377.N1	24-JUN-2010 00:34:24	Dark	50.500	50	13Alp Ari	2.0070	4250.0	101	43471	No
10	GOM_NL__2PRFIN20100624_003914_000000382090_00331_43471_6378.N1	24-JUN-2010 00:39:14	Dark	37.500	94	92Alp Cet	2.5260	3100.0	75	43471	No
11	GOM_NL__2PRFIN20100624_005728_000000452090_00331_43471_6379.N1	24-JUN-2010 00:57:28	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	43471	No
12	GOM_NL__2PRFIN20100624_010357_000000532090_00332_43472_6360.N1	24-JUN-2010 01:03:57	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	43472	No
13	GOM_NL__2PRFIN20100624_010559_000000502090_00332_43472_6361.N1	24-JUN-2010 01:05:59	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	43472	No
14	GOM_NL__2PRFIN20100624_010903_000000422090_00332_43472_6362.N1	24-JUN-2010 01:09:03	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43472	No
15	GOM_NL__2PRFIN20100624_011816_000000462090_00332_43472_6363.N1	24-JUN-2010 01:18:16	Twilight	45.500	38	20Eps Sgr	1.8360	11000.	91	43472	No
16	GOM_NL__2PRFIN20100624_011941_000000542090_00332_43472_6364.N1	24-JUN-2010 01:19:41	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	43472	No
17	GOM_NL__2PRFIN20100624_012151_000000512090_00332_43472_6365.N1	24-JUN-2010 01:21:51	Bright	51.000	155	41Pi Sgr	2.9000	6600.0	102	43472	No
18	GOM_NL__2PRFIN20100624_013040_000000402090_00332_43472_6366.N1	24-JUN-2010 01:30:40	Bright	39.500	126	60Bet Oph	2.7700	4250.0	79	43472	No
19	GOM_NL__2PRFIN20100624_013303_000000392090_00332_43472_6367.N1	24-JUN-2010 01:33:03	Bright	39.000	59	55Alp Oph	2.0800	8900.0	78	43472	No
20	GOM_NL__2PRFIN20100624_013818_000000352090_00332_43472_6368.N1	24-JUN-2010 01:38:18	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	43472	No
21	GOM_NL__2PRFIN20100624_014242_000000522090_00332_43472_6369.N1	24-JUN-2010 01:42:42	Bright	51.500	5	3Alp Lyr	0.033000	11000.	103	43472	No
22	GOM_NL__2PRFIN20100624_014442_000000402090_00332_43472_6370.N1	24-JUN-2010 01:44:42	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	43472	No
23	GOM_NL__2PRFIN20100624_015425_000000462090_00332_43472_6371.N1	24-JUN-2010 01:54:25	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	43472	No
24	GOM_NL__2PRFIN20100624_020125_000000602090_00332_43472_6372.N1	24-JUN-2010 02:01:25	Bright	59.500	74	11Bet Cas	2.2680	6600.0	119	43472	No
25	GOM_NL__2PRFIN20100624_020258_000000472090_00332_43472_6373.N1	24-JUN-2010 02:02:58	Bright	46.500	68	18Alp Cas	2.2250	4500.0	93	43472	No
26	GOM_NL__2PRFIN20100624_020516_000000542090_00332_43472_6374.N1	24-JUN-2010 02:05:16	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	43472	No
27	GOM_NL__2PRFIN20100624_020842_000000462090_00332_43472_6375.N1	24-JUN-2010 02:08:42	Bright	46.000	73	57Gam1And	2.2600	13100.	92	43472	No
28	GOM_NL__2PRFIN20100624_021108_000000472090_00332_43472_6376.N1	24-JUN-2010 02:11:08	Twilight	46.500	173	4Bet Tri	3.0040	8900.0	93	43472	No
29	GOM_NL__2PRFIN20100624_021500_000000552090_00332_43472_6377.N1	24-JUN-2010 02:15:00	Dark	55.000	50	13Alp Ari	2.0070	4250.0	110	43472	No
30	GOM_NL__2PRFIN20100624_021950_000000372090_00332_43472_6378.N1	24-JUN-2010 02:19:50	Dark	37.000	94	92Alp Cet	2.5260	3100.0	74	43472	No
31	GOM_NL__2PRFIN20100624_023806_000000482090_00332_43472_6379.N1	24-JUN-2010 02:38:06	Dark	47.500	84	Alp Phe	2.3970	4500.0	95	43472	No
32	GOM_NL__2PRFIN20100624_024434_000000652090_00333_43473_6380.N1	24-JUN-2010 02:44:34	Straylight	64.500	63	Bet Gru	2.1500	2800.0	129	43473	No
33	GOM_NL__2PRFIN20100624_024635_000000542090_00333_43473_6381.N1	24-JUN-2010 02:46:35	Straylight	54.000	31	Alp Gru	1.7340	15200.	108	43473	No
34	GOM_NL__2PRFIN20100624_024939_000000432090_00333_43473_6382.N1	24-JUN-2010 02:49:39	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43473	No
35	GOM_NL__2PRFIN20100624_025852_000000462090_00333_43473_6383.N1	24-JUN-2010 02:58:52	Twilight	45.500	38	20Eps Sgr	1.8360	11000.	91	43473	No
36	GOM_NL__2PRFIN20100624_030017_000000562090_00333_43473_6384.N1	24-JUN-2010 03:00:17	Bright	56.000	116	19Del Sgr	2.7000	4100.0	112	43473	No
37	GOM_NL__2PRFIN20100624_030227_000000512090_00333_43473_6385.N1	24-JUN-2010 03:02:27	Bright	51.000	155	41Pi Sgr	2.9000	6600.0	102	43473	No
38	GOM_NL__2PRFIN20100624_031115_000000402090_00333_43473_6386.N1	24-JUN-2010 03:11:15	Bright	39.500	126	60Bet Oph	2.7700	4250.0	79	43473	No
39	GOM_NL__2PRFIN20100624_031339_000000392090_00333_43473_6387.N1	24-JUN-2010 03:13:39	Bright	39.000	59	55Alp Oph	2.0800	8900.0	78	43473	No
40	GOM_NL__2PRFIN20100624_031854_000000362090_00333_43473_6388.N1	24-JUN-2010 03:18:54	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	43473	No
41	GOM_NL__2PRFIN20100624_032317_000000502090_00333_43473_6389.N1	24-JUN-2010 03:23:17	Bright	49.500	5	3Alp Lyr	0.033000	11000.	99	43473	No
42	GOM_NL__2PRFIN20100624_032517_000000382090_00333_43473_6390.N1	24-JUN-2010 03:25:17	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	43473	No

43	GOM_NL__2PRFIN20100624_033500_000000472090_00333_43473_6391.N1	24-JUN-2010 03:35:00	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	43473	No
44	GOM_NL__2PRFIN20100624_034201_000000472090_00333_43473_6392.N1	24-JUN-2010 03:42:01	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	43473	No
45	GOM_NL__2PRFIN20100624_034334_000000492090_00333_43473_6393.N1	24-JUN-2010 03:43:34	Bright	49.000	68	18Alp Cas	2.2250	4500.0	98	43473	No
46	GOM_NL__2PRFIN20100624_034552_000000542090_00333_43473_6394.N1	24-JUN-2010 03:45:52	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	43473	No
47	GOM_NL__2PRFIN20100624_034917_000000462090_00333_43473_6395.N1	24-JUN-2010 03:49:17	Bright	45.500	73	57Gam1And	2.2600	13100.	91	43473	No
48	GOM_NL__2PRFIN20100624_035144_000000462090_00333_43473_6396.N1	24-JUN-2010 03:51:44	Tw_i_and_stray	46.000	173	4Bet Tri	3.0040	8900.0	92	43473	No
49	GOM_NL__2PRFIN20100624_035536_000000552090_00333_43473_6397.N1	24-JUN-2010 03:55:36	Dark	55.000	50	13Alp Ari	2.0070	4250.0	110	43473	No
50	GOM_NL__2PRFIN20100624_040027_000000382090_00333_43473_6398.N1	24-JUN-2010 04:00:27	Dark	37.500	94	92Alp Cet	2.5260	3100.0	75	43473	No
51	GOM_NL__2PRFIN20100624_041842_000000482090_00333_43473_6399.N1	24-JUN-2010 04:18:42	Dark	47.500	84	Alp Phe	2.3970	4500.0	95	43473	No
52	GOM_NL__2PRFIN20100624_042511_000000532090_00334_43474_6380.N1	24-JUN-2010 04:25:11	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	43474	No
53	GOM_NL__2PRFIN20100624_042712_000000492090_00334_43474_6381.N1	24-JUN-2010 04:27:12	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	43474	No
54	GOM_NL__2PRFIN20100624_043016_000000412090_00334_43474_6382.N1	24-JUN-2010 04:30:16	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	43474	No
55	GOM_NL__2PRFIN20100624_043928_000000442090_00334_43474_6383.N1	24-JUN-2010 04:39:28	Tw_i_and_stray	44.000	38	20Eps Sgr	1.8360	11000.	88	43474	No
56	GOM_NL__2PRFIN20100624_044053_000000512090_00334_43474_6384.N1	24-JUN-2010 04:40:53	Bright	51.000	116	19Del Sgr	2.7000	4100.0	102	43474	No
57	GOM_NL__2PRFIN20100624_044303_000000512090_00334_43474_6385.N1	24-JUN-2010 04:43:03	Bright	51.000	155	41Pi Sgr	2.9000	6600.0	102	43474	No
58	GOM_NL__2PRFIN20100624_045151_000000392090_00334_43474_6386.N1	24-JUN-2010 04:51:51	Bright	39.000	126	60Bet Oph	2.7700	4250.0	78	43474	No
59	GOM_NL__2PRFIN20100624_045415_000000392090_00334_43474_6387.N1	24-JUN-2010 04:54:15	Bright	39.000	59	55Alp Oph	2.0800	8900.0	78	43474	No
60	GOM_NL__2PRFIN20100624_045930_000000372090_00334_43474_6388.N1	24-JUN-2010 04:59:30	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	43474	No
61	GOM_NL__2PRFIN20100624_050353_000000492090_00334_43474_6389.N1	24-JUN-2010 05:03:53	Bright	49.000	5	3Alp Lyr	0.033000	11000.	98	43474	No
62	GOM_NL__2PRFIN20100624_050553_000000402090_00334_43474_6390.N1	24-JUN-2010 05:05:53	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	43474	No
63	GOM_NL__2PRFIN20100624_051536_000000472090_00334_43474_6391.N1	24-JUN-2010 05:15:36	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	43474	No
64	GOM_NL__2PRFIN20100624_052236_000000472090_00334_43474_6392.N1	24-JUN-2010 05:22:36	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	43474	No
65	GOM_NL__2PRFIN20100624_052409_000000462090_00334_43474_6393.N1	24-JUN-2010 05:24:09	Bright	45.500	68	18Alp Cas	2.2250	4500.0	91	43474	No
66	GOM_NL__2PRFIN20100624_052628_000000542090_00334_43474_6394.N1	24-JUN-2010 05:26:28	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	43474	No
67	GOM_NL__2PRFIN20100624_052953_000000452090_00334_43474_6395.N1	24-JUN-2010 05:29:53	Bright	45.000	73	57Gam1And	2.2600	13100.	90	43474	No
68	GOM_NL__2PRFIN20100624_053220_000000462090_00334_43474_6396.N1	24-JUN-2010 05:32:20	Tw_i_and_stray	46.000	173	4Bet Tri	3.0040	8900.0	92	43474	No
69	GOM_NL__2PRFIN20100624_053612_000000532090_00334_43474_6397.N1	24-JUN-2010 05:36:12	Dark	52.500	50	13Alp Ari	2.0070	4250.0	105	43474	No
70	GOM_NL__2PRFIN20100624_054103_000000382090_00334_43474_6398.N1	24-JUN-2010 05:41:03	Dark	38.000	94	92Alp Cet	2.5260	3100.0	76	43474	No
71	GOM_NL__2PRFIN20100624_055919_000000562090_00334_43474_6399.N1	24-JUN-2010 05:59:19	Dark	56.000	84	Alp Phe	2.3970	4500.0	112	43474	No
72	GOM_NL__2PRFIN20100624_060547_000000532090_00335_43475_6380.N1	24-JUN-2010 06:05:47	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	43475	No
73	GOM_NL__2PRFIN20100624_060749_000000482090_00335_43475_6381.N1	24-JUN-2010 06:07:49	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	43475	No
74	GOM_NL__2PRFIN20100624_061053_000000432090_00335_43475_6382.N1	24-JUN-2010 06:10:53	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43475	No
75	GOM_NL__2PRFIN20100624_062005_000000472090_00335_43475_6383.N1	24-JUN-2010 06:20:05	Tw_i_and_stray	47.000	38	20Eps Sgr	1.8360	11000.	94	43475	No
76	GOM_NL__2PRFIN20100624_062130_000000482090_00335_43475_6384.N1	24-JUN-2010 06:21:30	Bright	48.000	116	19Del Sgr	2.7000	4100.0	96	43475	No
77	GOM_NL__2PRFIN20100624_062339_000000502090_00335_43475_6385.N1	24-JUN-2010 06:23:39	Bright	50.000	155	41Pi Sgr	2.9000	6600.0	100	43475	No
78	GOM_NL__2PRFIN20100624_063227_000000402090_00335_43475_6386.N1	24-JUN-2010 06:32:27	Bright	40.000	126	60Bet Oph	2.7700	4250.0	80	43475	No
79	GOM_NL__2PRFIN20100624_063451_000000402090_00335_43475_6387.N1	24-JUN-2010 06:34:51	Bright	39.500	59	55Alp Oph	2.0800	8900.0	79	43475	No
80	GOM_NL__2PRFIN20100624_064006_000000382090_00335_43475_6388.N1	24-JUN-2010 06:40:06	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	43475	No
81	GOM_NL__2PRFIN20100624_064428_000000502090_00335_43475_6389.N1	24-JUN-2010 06:44:28	Bright	49.500	5	3Alp Lyr	0.033000	11000.	99	43475	No
82	GOM_NL__2PRFIN20100624_064629_000000392090_00335_43475_6390.N1	24-JUN-2010 06:46:29	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	43475	No
83	GOM_NL__2PRFIN20100624_065611_000000472090_00335_43475_6391.N1	24-JUN-2010 06:56:11	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	43475	No
84	GOM_NL__2PRFIN20100624_070312_000000492090_00335_43475_6392.N1	24-JUN-2010 07:03:12	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	43475	No
85	GOM_NL__2PRFIN20100624_070445_000000472090_00335_43475_6393.N1	24-JUN-2010 07:04:45	Bright	47.000	68	18Alp Cas	2.2250	4500.0	94	43475	No
86	GOM_NL__2PRFIN20100624_070704_000000542090_00335_43475_6394.N1	24-JUN-2010 07:07:04	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	43475	No
87	GOM_NL__2PRFIN20100624_071029_000000452090_00335_43475_6395.N1	24-JUN-2010 07:10:29	Bright	45.000	73	57Gam1And	2.2600	13100.	90	43475	No
88	GOM_NL__2PRFIN20100624_071256_000000452090_00335_43475_6396.N1	24-JUN-2010 07:12:56	Tw_i_and_stray	45.000	173	4Bet Tri	3.0040	8900.0	90	43475	No
89	GOM_NL__2PRFIN20100624_071649_000000592090_00335_43475_6397.N1	24-JUN-2010 07:16:49	Dark	59.000	50	13Alp Ari	2.0070	4250.0	118	43475	No
90	GOM_NL__2PRFIN20100624_072139_000000402090_00335_43475_6398.N1	24-JUN-2010 07:21:39	Dark	39.500	94	92Alp Cet	2.5260	3100.0	79	43475	No
91	GOM_NL__2PRFIN20100624_073956_000000552090_00335_43475_6380.N1	24-JUN-2010 07:39:56	Dark	55.000	84	Alp Phe	2.3970	4500.0	110	43475	No
92	GOM_NL__2PRFIN20100624_074625_000000682090_00336_43476_6381.N1	24-JUN-2010 07:46:25	Straylight	67.500	63	Bet Gru	2.1500	2800.0	135	43476	No
93	GOM_NL__2PRFIN20100624_074826_000000582090_00336_43476_6382.N1	24-JUN-2010 07:48:26	Straylight	57.500	31	Alp Gru	1.7340	15200.	115	43476	No
94	GOM_NL__2PRFIN20100624_075129_000000492090_00336_43476_6383.N1	24-JUN-2010 07:51:29	Straylight	48.500	45	Alp Pav	1.9400	26000.	97	43476	No
95	GOM_NL__2PRFIN20100624_080041_000000452090_00336_43476_6384.N1	24-JUN-2010 08:00:41	Tw_i_and_stray	45.000	38	20Eps Sgr	1.8360	11000.	90	43476	No
96	GOM_NL__2PRFIN20100624_080206_000000472090_00336_43476_6385.N1	24-JUN-2010 08:02:06	Bright	47.000	116	19Del Sgr	2.7000	4100.0	94	43476	No
97	GOM_NL__2PRFIN20100624_080416_000000502090_00336_43476_6386.N1	24-JUN-2010 08:04:16	Bright	49.500	155	41Pi Sgr	2.9000	6600.0	99	43476	No
98	GOM_NL__2PRFIN20100624_081303_000000392090_00336_43476_6387.N1	24-JUN-2010 08:13:03	Bright	39.000	126	60Bet Oph	2.7700	4250.0	78	43476	No
99	GOM_NL__2PRFIN20100624_081527_000000392090_00336_43476_6388.N1	24-JUN-2010 08:15:27	Bright	39.000	59	55Alp Oph	2.0800	8900.0	78	43476	No
100	GOM_NL__2PRFIN20100624_082042_000000352090_00336_43476_6389.N1	24-JUN-2010 08:20:42	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	43476	No
101	GOM_NL__2PRFIN20100624_082503_000000542090_00336_43476_6390.N1	24-JUN-2010 08:25:03	Bright	53.500	5	3Alp Lyr	0.033000	11000.	107	43476	No

102	GOM_NL__2PRFIN20100624_082704_000000392090_00336_43476_6391.N1	24-JUN-2010 08:27:04	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	43476	No
103	GOM_NL__2PRFIN20100624_083646_000000482090_00336_43476_6392.N1	24-JUN-2010 08:36:46	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43476	No
104	GOM_NL__2PRFIN20100624_084347_000000482090_00336_43476_6393.N1	24-JUN-2010 08:43:47	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	43476	No
105	GOM_NL__2PRFIN20100624_084521_000000462090_00336_43476_6394.N1	24-JUN-2010 08:45:21	Bright	45.500	68	18Alp Cas	2.2250	4500.0	91	43476	No
106	GOM_NL__2PRFIN20100624_084740_000000412090_00336_43476_6395.N1	24-JUN-2010 08:47:40	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	43476	No
107	GOM_NL__2PRFIN20100624_085105_000000602090_00336_43476_6396.N1	24-JUN-2010 08:51:05	Bright	60.000	73	57Gam1And	2.2600	13100.	120	43476	No
108	GOM_NL__2PRFIN20100624_085331_000000472090_00336_43476_6397.N1	24-JUN-2010 08:53:31	Tw_i_and_stray	47.000	173	4Bet Tri	3.0040	8900.0	94	43476	No
109	GOM_NL__2PRFIN20100624_085725_000000512090_00336_43476_6398.N1	24-JUN-2010 08:57:25	Dark	51.000	50	13Alp Ari	2.0070	4250.0	102	43476	No
110	GOM_NL__2PRFIN20100624_090215_000000412090_00336_43476_6399.N1	24-JUN-2010 09:02:15	Dark	40.500	94	92Alp Cet	2.5260	3100.0	81	43476	No
111	GOM_NL__2PRFIN20100624_092033_000000532090_00336_43476_6380.N1	24-JUN-2010 09:20:33	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	43476	No
112	GOM_NL__2PRFIN20100624_092701_000000542090_00337_43477_6381.N1	24-JUN-2010 09:27:01	Dark	54.000	63	Bet Gru	2.1500	2800.0	108	43477	No
113	GOM_NL__2PRFIN20100624_092903_000000482090_00337_43477_6382.N1	24-JUN-2010 09:29:03	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	43477	No
114	GOM_NL__2PRFIN20100624_093206_000000432090_00337_43477_6383.N1	24-JUN-2010 09:32:06	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43477	No
115	GOM_NL__2PRFIN20100624_094117_000000482090_00337_43477_6384.N1	24-JUN-2010 09:41:17	Tw_i_and_stray	48.000	38	20Eps Sgr	1.8360	11000.	96	43477	No
116	GOM_NL__2PRFIN20100624_094242_000000542090_00337_43477_6385.N1	24-JUN-2010 09:42:42	Bright	53.500	116	19Del Sgr	2.7000	4100.0	107	43477	No
117	GOM_NL__2PRFIN20100624_094452_000000492090_00337_43477_6386.N1	24-JUN-2010 09:44:52	Bright	49.000	155	41Pi Sgr	2.9000	6600.0	98	43477	No
118	GOM_NL__2PRFIN20100624_113414_000000392090_00338_43478_6380.N1	24-JUN-2010 11:34:14	Bright	38.500	126	60Bet Oph	2.7700	4250.0	77	43478	No
119	GOM_NL__2PRFIN20100624_113638_000000392090_00338_43478_6381.N1	24-JUN-2010 11:36:38	Bright	39.000	59	55Alp Oph	2.0800	8900.0	78	43478	No
120	GOM_NL__2PRFIN20100624_114153_000000372090_00338_43478_6382.N1	24-JUN-2010 11:41:53	Bright	36.500	133	40Zet Her	2.8070	6000.0	73	43478	No
121	GOM_NL__2PRFIN20100624_114614_000000492090_00338_43478_6383.N1	24-JUN-2010 11:46:14	Bright	48.500	5	3Alp Lyr	0.033000	11000.	97	43478	No
122	GOM_NL__2PRFIN20100624_114816_000000402090_00338_43478_6384.N1	24-JUN-2010 11:48:16	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	43478	No
123	GOM_NL__2PRFIN20100624_115757_000000472090_00338_43478_6385.N1	24-JUN-2010 11:57:57	Bright	46.500	89	5Alp Cep	2.4510	8000.0	93	43478	No
124	GOM_NL__2PRFIN20100624_120458_000000472090_00338_43478_6386.N1	24-JUN-2010 12:04:58	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	43478	No
125	GOM_NL__2PRFIN20100624_120632_000000462090_00338_43478_6387.N1	24-JUN-2010 12:06:32	Bright	46.000	68	18Alp Cas	2.2250	4500.0	92	43478	No
126	GOM_NL__2PRFIN20100624_120852_000000342090_00338_43478_6388.N1	24-JUN-2010 12:08:52	Bright	34.000	160	23Gam Per	2.9300	4700.0	68	43478	No
127	GOM_NL__2PRFIN20100624_121217_000000482090_00338_43478_6389.N1	24-JUN-2010 12:12:17	Bright	47.500	73	57Gam1And	2.2600	13100.	95	43478	No
128	GOM_NL__2PRFIN20100624_121443_000000472090_00338_43478_6390.N1	24-JUN-2010 12:14:43	Tw_i_and_stray	46.500	173	4Bet Tri	3.0040	8900.0	93	43478	No
129	GOM_NL__2PRFIN20100624_121837_000000532090_00338_43478_6391.N1	24-JUN-2010 12:18:37	Dark	53.000	50	13Alp Ari	2.0070	4250.0	106	43478	No
130	GOM_NL__2PRFIN20100624_122328_000000482090_00338_43478_6392.N1	24-JUN-2010 12:23:28	Dark	47.500	94	92Alp Cet	2.5260	3100.0	95	43478	No
131	GOM_NL__2PRFIN20100624_124146_000000532090_00338_43478_6380.N1	24-JUN-2010 12:41:46	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	43478	No
132	GOM_NL__2PRFIN20100624_142852_000000512090_00340_43480_6380.N1	24-JUN-2010 14:28:52	Dark	50.500	63	Bet Gru	2.1500	2800.0	101	43480	No
133	GOM_NL__2PRFIN20100624_143053_000000492090_00340_43480_6381.N1	24-JUN-2010 14:30:53	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	43480	No
134	GOM_NL__2PRFIN20100624_143355_000000432090_00340_43480_6382.N1	24-JUN-2010 14:33:55	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43480	No
135	GOM_NL__2PRFIN20100624_144306_000000452090_00340_43480_6383.N1	24-JUN-2010 14:43:06	Tw_i_and_stray	45.000	38	20Eps Sgr	1.8360	11000.	90	43480	No
136	GOM_NL__2PRFIN20100624_144430_000000522090_00340_43480_6384.N1	24-JUN-2010 14:44:30	Bright	52.000	116	19Del Sgr	2.7000	4100.0	104	43480	No
137	GOM_NL__2PRFIN20100624_144640_000000502090_00340_43480_6385.N1	24-JUN-2010 14:46:40	Bright	49.500	155	41Pi Sgr	2.9000	6600.0	99	43480	No
138	GOM_NL__2PRFIN20100624_145526_000000402090_00340_43480_6386.N1	24-JUN-2010 14:55:26	Bright	40.000	126	60Bet Oph	2.7700	4250.0	80	43480	No
139	GOM_NL__2PRFIN20100624_145750_000000422090_00340_43480_6387.N1	24-JUN-2010 14:57:50	Bright	42.000	59	55Alp Oph	2.0800	8900.0	84	43480	No
140	GOM_NL__2PRFIN20100624_150724_000000512090_00340_43480_6388.N1	24-JUN-2010 15:07:24	Bright	50.500	5	3Alp Lyr	0.033000	11000.	101	43480	No
141	GOM_NL__2PRFIN20100624_150927_000000392090_00340_43480_6389.N1	24-JUN-2010 15:09:27	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	43480	No
142	GOM_NL__2PRFIN20100624_151907_000000452090_00340_43480_6390.N1	24-JUN-2010 15:19:07	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	43480	No
143	GOM_NL__2PRFIN20100624_152609_000000482090_00340_43480_6391.N1	24-JUN-2010 15:26:09	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	43480	No
144	GOM_NL__2PRFIN20100624_152743_000000662090_00340_43480_6392.N1	24-JUN-2010 15:27:43	Bright	66.000	68	18Alp Cas	2.2250	4500.0	132	43480	No
145	GOM_NL__2PRFIN20100624_153004_000000452090_00340_43480_6393.N1	24-JUN-2010 15:30:04	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	43480	No
146	GOM_NL__2PRFIN20100624_153329_000000442090_00340_43480_6394.N1	24-JUN-2010 15:33:29	Bright	44.000	73	57Gam1And	2.2600	13100.	88	43480	No
147	GOM_NL__2PRFIN20100624_153556_000000382090_00340_43480_6395.N1	24-JUN-2010 15:35:56	Tw_i_and_stray	38.000	53	43Bet And	2.0480	3300.0	76	43480	No
148	GOM_NL__2PRFIN20100624_153949_000000552090_00340_43480_6396.N1	24-JUN-2010 15:39:49	Dark	55.000	50	13Alp Ari	2.0070	4250.0	110	43480	No
149	GOM_NL__2PRFIN20100624_155731_000000602090_00340_43480_6397.N1	24-JUN-2010 15:57:31	Dark	60.000	52	16Bet Cet	2.0370	4500.0	120	43480	No
150	GOM_NL__2PRFIN20100624_160300_000000462090_00340_43480_6380.N1	24-JUN-2010 16:03:00	Dark	45.500	84	Alp Phe	2.3970	4500.0	91	43480	No
151	GOM_NL__2PRFIN20100624_160929_000000512090_00341_43481_6381.N1	24-JUN-2010 16:09:29	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	43481	No
152	GOM_NL__2PRFIN20100624_161130_000000512090_00341_43481_6382.N1	24-JUN-2010 16:11:30	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	43481	No
153	GOM_NL__2PRFIN20100624_161431_000000422090_00341_43481_6383.N1	24-JUN-2010 16:14:31	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	43481	No
154	GOM_NL__2PRFIN20100624_162342_000000462090_00341_43481_6384.N1	24-JUN-2010 16:23:42	Tw_i_and_stray	46.000	38	20Eps Sgr	1.8360	11000.	92	43481	No
155	GOM_NL__2PRFIN20100624_162507_000000472090_00341_43481_6385.N1	24-JUN-2010 16:25:07	Bright	47.000	116	19Del Sgr	2.7000	4100.0	94	43481	No
156	GOM_NL__2PRFIN20100624_162716_000000502090_00341_43481_6386.N1	24-JUN-2010 16:27:16	Bright	49.500	155	41Pi Sgr	2.9000	6600.0	99	43481	No
157	GOM_NL__2PRFIN20100624_163602_000000422090_00341_43481_6387.N1	24-JUN-2010 16:36:02	Bright	41.500	126	60Bet Oph	2.7700	4250.0	83	43481	No
158	GOM_NL__2PRFIN20100624_163825_000000412090_00341_43481_6388.N1	24-JUN-2010 16:38:25	Bright	41.000	59	55Alp Oph	2.0800	8900.0	82	43481	No
159	GOM_NL__2PRFIN20100624_164800_000000482090_00341_43481_6389.N1	24-JUN-2010 16:48:00	Bright	47.500	5	3Alp Lyr	0.033000	11000.	95	43481	No
160	GOM_NL__2PRFIN20100624_165003_000000412090_00341_43481_6390.N1	24-JUN-2010 16:50:03	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	43481	No

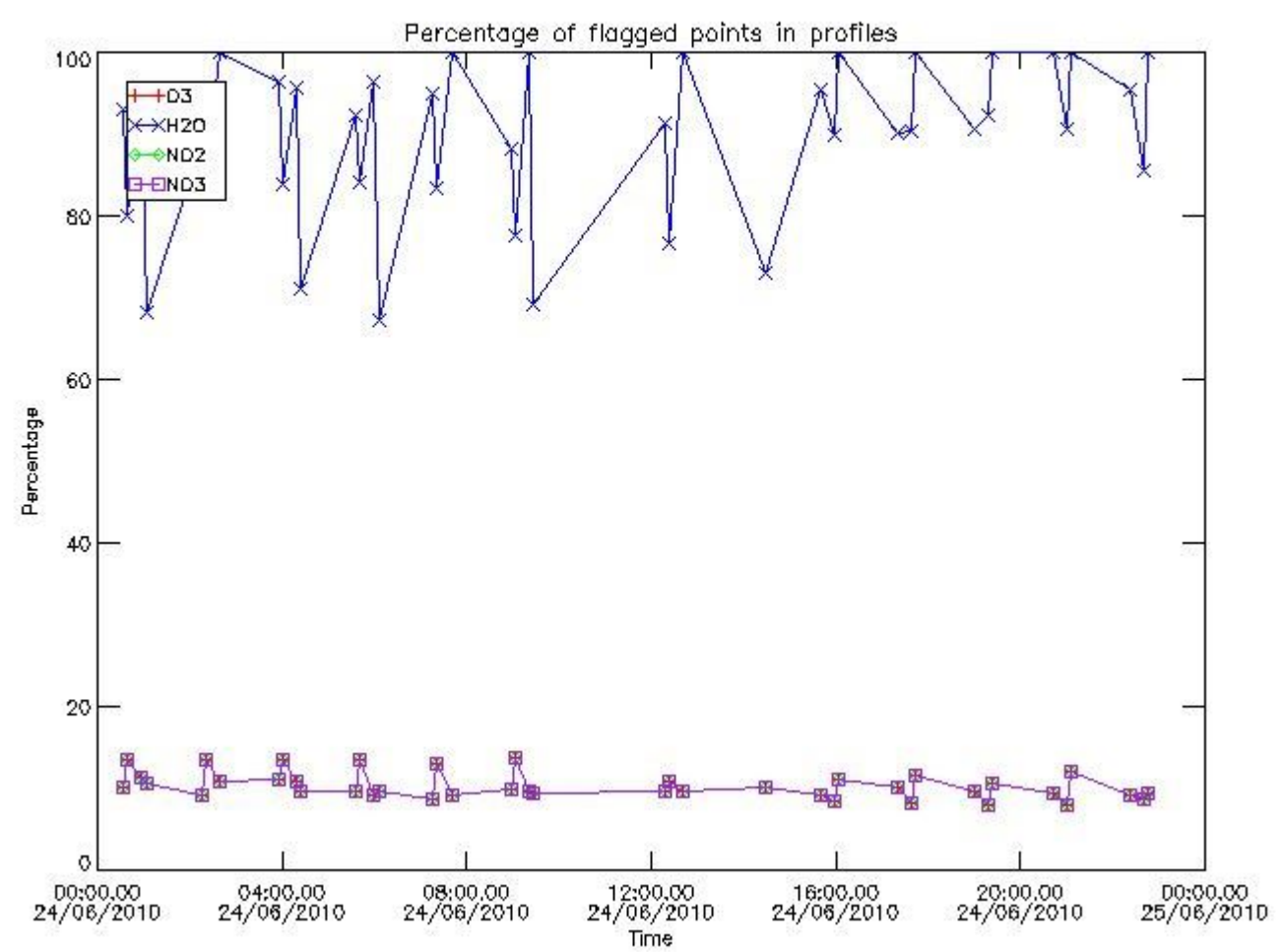
161	GOM_NL__2PRFIN20100624_165943_000000472090_00341_43481_6391.N1	24-JUN-2010 16:59:43	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	43481	No
162	GOM_NL__2PRFIN20100624_170645_000000672090_00341_43481_6392.N1	24-JUN-2010 17:06:45	Bright	67.000	74	11Bet Cas	2.2680	6600.0	134	43481	No
163	GOM_NL__2PRFIN20100624_170818_000000662090_00341_43481_6393.N1	24-JUN-2010 17:08:18	Bright	66.000	68	18Alp Cas	2.2250	4500.0	132	43481	No
164	GOM_NL__2PRFIN20100624_171040_000000362090_00341_43481_6394.N1	24-JUN-2010 17:10:40	Bright	35.500	160	23Gam Per	2.9300	4700.0	71	43481	No
165	GOM_NL__2PRFIN20100624_171405_000000462090_00341_43481_6395.N1	24-JUN-2010 17:14:05	Bright	45.500	73	57Gam1And	2.2600	13100.	91	43481	No
166	GOM_NL__2PRFIN20100624_171632_000000382090_00341_43481_6396.N1	24-JUN-2010 17:16:32	Tw_i_and_stray	38.000	53	43Bet And	2.0480	3300.0	76	43481	No
167	GOM_NL__2PRFIN20100624_172026_000000512090_00341_43481_6397.N1	24-JUN-2010 17:20:26	Dark	50.500	50	13Alp Ari	2.0070	4250.0	101	43481	No
168	GOM_NL__2PRFIN20100624_173809_000000632090_00341_43481_6398.N1	24-JUN-2010 17:38:09	Dark	62.500	52	16Bet Cet	2.0370	4500.0	125	43481	No
169	GOM_NL__2PRFIN20100624_174337_000000452090_00341_43481_6380.N1	24-JUN-2010 17:43:37	Dark	44.500	84	Alp Phe	2.3970	4500.0	89	43481	No
170	GOM_NL__2PRFIN20100624_175006_000000512090_00342_43482_6381.N1	24-JUN-2010 17:50:06	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	43482	No
171	GOM_NL__2PRFIN20100624_175207_000000482090_00342_43482_6382.N1	24-JUN-2010 17:52:07	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	43482	No
172	GOM_NL__2PRFIN20100624_175508_000000452090_00342_43482_6383.N1	24-JUN-2010 17:55:08	Straylight	45.000	45	Alp Pav	1.9400	26000.	90	43482	No
173	GOM_NL__2PRFIN20100624_180418_000000462090_00342_43482_6384.N1	24-JUN-2010 18:04:18	Tw_i_and_stray	46.000	38	20Eps Sgr	1.8360	11000.	92	43482	No
174	GOM_NL__2PRFIN20100624_180543_000000572090_00342_43482_6385.N1	24-JUN-2010 18:05:43	Bright	57.000	116	19Del Sgr	2.7000	4100.0	114	43482	No
175	GOM_NL__2PRFIN20100624_180752_000000502090_00342_43482_6386.N1	24-JUN-2010 18:07:52	Bright	50.000	155	41Pi Sgr	2.9000	6600.0	100	43482	No
176	GOM_NL__2PRFIN20100624_181638_000000402090_00342_43482_6387.N1	24-JUN-2010 18:16:38	Bright	39.500	126	60Bet Oph	2.7700	4250.0	79	43482	No
177	GOM_NL__2PRFIN20100624_181901_000000402090_00342_43482_6388.N1	24-JUN-2010 18:19:01	Bright	39.500	59	55Alp Oph	2.0800	8900.0	79	43482	No
178	GOM_NL__2PRFIN20100624_182835_000000502090_00342_43482_6389.N1	24-JUN-2010 18:28:35	Bright	49.500	5	3Alp Lyr	0.033000	11000.	99	43482	No
179	GOM_NL__2PRFIN20100624_183038_000000412090_00342_43482_6390.N1	24-JUN-2010 18:30:38	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	43482	No
180	GOM_NL__2PRFIN20100624_184018_000000492090_00342_43482_6391.N1	24-JUN-2010 18:40:18	Bright	49.000	89	5Alp Cep	2.4510	8000.0	98	43482	No
181	GOM_NL__2PRFIN20100624_184720_000000672090_00342_43482_6392.N1	24-JUN-2010 18:47:20	Bright	67.000	74	11Bet Cas	2.2680	6600.0	134	43482	No
182	GOM_NL__2PRFIN20100624_184854_000000662090_00342_43482_6393.N1	24-JUN-2010 18:48:54	Bright	66.000	68	18Alp Cas	2.2250	4500.0	132	43482	No
183	GOM_NL__2PRFIN20100624_185116_000000542090_00342_43482_6394.N1	24-JUN-2010 18:51:16	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	43482	No
184	GOM_NL__2PRFIN20100624_185441_000000522090_00342_43482_6395.N1	24-JUN-2010 18:54:41	Bright	51.500	73	57Gam1And	2.2600	13100.	103	43482	No
185	GOM_NL__2PRFIN20100624_185708_000000312090_00342_43482_6396.N1	24-JUN-2010 18:57:08	Tw_i_and_stray	31.000	53	43Bet And	2.0480	3300.0	62	43482	No
186	GOM_NL__2PRFIN20100624_190102_000000542090_00342_43482_6397.N1	24-JUN-2010 19:01:02	Dark	53.500	50	13Alp Ari	2.0070	4250.0	107	43482	No
187	GOM_NL__2PRFIN20100624_191846_000000652090_00342_43482_6398.N1	24-JUN-2010 19:18:46	Dark	65.000	52	16Bet Cet	2.0370	4500.0	130	43482	No
188	GOM_NL__2PRFIN20100624_192414_000000482090_00342_43482_6400.N1	24-JUN-2010 19:24:14	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	43482	No
189	GOM_NL__2PRFIN20100624_193043_000000582090_00343_43483_6401.N1	24-JUN-2010 19:30:43	Straylight	58.000	63	Bet Gru	2.1500	2800.0	116	43483	No
190	GOM_NL__2PRFIN20100624_193245_000000502090_00343_43483_6402.N1	24-JUN-2010 19:32:45	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	43483	No
191	GOM_NL__2PRFIN20100624_193544_000000402090_00343_43483_6403.N1	24-JUN-2010 19:35:44	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	43483	No
192	GOM_NL__2PRFIN20100624_194455_000000452090_00343_43483_6404.N1	24-JUN-2010 19:44:55	Tw_i_and_stray	45.000	38	20Eps Sgr	1.8360	11000.	90	43483	No
193	GOM_NL__2PRFIN20100624_194619_000000462090_00343_43483_6405.N1	24-JUN-2010 19:46:19	Bright	46.000	116	19Del Sgr	2.7000	4100.0	92	43483	No
194	GOM_NL__2PRFIN20100624_194828_000000522090_00343_43483_6406.N1	24-JUN-2010 19:48:28	Bright	51.500	155	41Pi Sgr	2.9000	6600.0	103	43483	No
195	GOM_NL__2PRFIN20100624_195713_000000392090_00343_43483_6407.N1	24-JUN-2010 19:57:13	Bright	39.000	126	60Bet Oph	2.7700	4250.0	78	43483	No
196	GOM_NL__2PRFIN20100624_195937_000000412090_00343_43483_6408.N1	24-JUN-2010 19:59:37	Bright	40.500	59	55Alp Oph	2.0800	8900.0	81	43483	No
197	GOM_NL__2PRFIN20100624_200910_000000482090_00343_43483_6409.N1	24-JUN-2010 20:09:10	Bright	48.000	5	3Alp Lyr	0.033000	11000.	96	43483	No
198	GOM_NL__2PRFIN20100624_201114_000000402090_00343_43483_6410.N1	24-JUN-2010 20:11:14	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	43483	No
199	GOM_NL__2PRFIN20100624_202053_000000482090_00343_43483_6411.N1	24-JUN-2010 20:20:53	Bright	48.000	89	5Alp Cep	2.4510	8000.0	96	43483	No
200	GOM_NL__2PRFIN20100624_202756_000000672090_00343_43483_6412.N1	24-JUN-2010 20:27:56	Bright	67.000	74	11Bet Cas	2.2680	6600.0	134	43483	No
201	GOM_NL__2PRFIN20100624_202929_000000482090_00343_43483_6413.N1	24-JUN-2010 20:29:29	Bright	48.000	68	18Alp Cas	2.2250	4500.0	96	43483	No
202	GOM_NL__2PRFIN20100624_203152_000000542090_00343_43483_6414.N1	24-JUN-2010 20:31:52	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	43483	No
203	GOM_NL__2PRFIN20100624_203517_000000452090_00343_43483_6415.N1	24-JUN-2010 20:35:17	Bright	45.000	73	57Gam1And	2.2600	13100.	90	43483	No
204	GOM_NL__2PRFIN20100624_203744_000000312090_00343_43483_6416.N1	24-JUN-2010 20:37:44	Tw_i_and_stray	31.000	53	43Bet And	2.0480	3300.0	62	43483	No
205	GOM_NL__2PRFIN20100624_204138_000000542090_00343_43483_6417.N1	24-JUN-2010 20:41:38	Dark	54.000	50	13Alp Ari	2.0070	4250.0	108	43483	No
206	GOM_NL__2PRFIN20100624_205923_000000652090_00343_43483_6418.N1	24-JUN-2010 20:59:23	Dark	65.000	52	16Bet Cet	2.0370	4500.0	130	43483	No
207	GOM_NL__2PRFIN20100624_210451_000000472090_00343_43483_6400.N1	24-JUN-2010 21:04:51	Dark	46.500	84	Alp Phe	2.3970	4500.0	93	43483	No
208	GOM_NL__2PRFIN20100624_211120_000000522090_00344_43484_6401.N1	24-JUN-2010 21:11:20	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	43484	No
209	GOM_NL__2PRFIN20100624_211321_000000492090_00344_43484_6402.N1	24-JUN-2010 21:13:21	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43484	No
210	GOM_NL__2PRFIN20100624_211621_000000412090_00344_43484_6403.N1	24-JUN-2010 21:16:21	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	43484	No
211	GOM_NL__2PRFIN20100624_212531_000000462090_00344_43484_6404.N1	24-JUN-2010 21:25:31	Tw_i_and_stray	45.500	38	20Eps Sgr	1.8360	11000.	91	43484	No
212	GOM_NL__2PRFIN20100624_212655_000000542090_00344_43484_6405.N1	24-JUN-2010 21:26:55	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	43484	No
213	GOM_NL__2PRFIN20100624_212905_000000502090_00344_43484_6406.N1	24-JUN-2010 21:29:05	Bright	50.000	155	41Pi Sgr	2.9000	6600.0	100	43484	No
214	GOM_NL__2PRFIN20100624_213750_000000392090_00344_43484_6407.N1	24-JUN-2010 21:37:50	Bright	39.000	126	60Bet Oph	2.7700	4250.0	78	43484	No
215	GOM_NL__2PRFIN20100624_214013_000000412090_00344_43484_6408.N1	24-JUN-2010 21:40:13	Bright	41.000	59	55Alp Oph	2.0800	8900.0	82	43484	No
216	GOM_NL__2PRFIN20100624_214945_000000502090_00344_43484_6409.N1	24-JUN-2010 21:49:45	Bright	50.000	5	3Alp Lyr	0.033000	11000.	100	43484	No
217	GOM_NL__2PRFIN20100624_215150_000000412090_00344_43484_6410.N1	24-JUN-2010 21:51:50	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	43484	No
218	GOM_NL__2PRFIN20100624_220128_000000492090_00344_43484_6411.N1	24-JUN-2010 22:01:28	Bright	48.500	89	5Alp Cep	2.4510	8000.0	97	43484	No
219	GOM_NL__2PRFIN20100624_220831_000000482090_00344_43484_6412.N1	24-JUN-2010 22:08:31	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	43484	No

220	GOM_NL__2PRFIN20100624_221005_000000482090_00344_43484_6413.N1	24-JUN-2010 22:10:05	Bright	48.000	68	18Alp Cas	2.2250	4500.0	96	43484	No
221	GOM_NL__2PRFIN20100624_221227_000000542090_00344_43484_6414.N1	24-JUN-2010 22:12:27	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	43484	No
222	GOM_NL__2PRFIN20100624_221553_000000442090_00344_43484_6415.N1	24-JUN-2010 22:15:53	Bright	44.000	73	57Gam1And	2.2600	13100.	88	43484	No
223	GOM_NL__2PRFIN20100624_221819_000000492090_00344_43484_6416.N1	24-JUN-2010 22:18:19	Twilight	48.500	173	4Bet Tri	3.0040	8900.0	97	43484	No
224	GOM_NL__2PRFIN20100624_222214_000000552090_00344_43484_6417.N1	24-JUN-2010 22:22:14	Dark	54.500	50	13Alp Ari	2.0070	4250.0	109	43484	No
225	GOM_NL__2PRFIN20100624_224000_000000592090_00344_43484_6418.N1	24-JUN-2010 22:40:00	Dark	59.000	52	16Bet Cet	2.0370	4500.0	118	43484	No
226	GOM_NL__2PRFIN20100624_224528_000000552090_00344_43484_6400.N1	24-JUN-2010 22:45:28	Dark	54.500	84	Alp Phe	2.3970	4500.0	109	43484	No
227	GOM_NL__2PRFIN20100624_225157_000000542090_00345_43485_6401.N1	24-JUN-2010 22:51:57	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	43485	No
228	GOM_NL__2PRFIN20100624_225358_000000492090_00345_43485_6402.N1	24-JUN-2010 22:53:58	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43485	No
229	GOM_NL__2PRFIN20100624_225657_000000422090_00345_43485_6403.N1	24-JUN-2010 22:56:57	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43485	No
230	GOM_NL__2PRFIN20100624_230607_000000452090_00345_43485_6404.N1	24-JUN-2010 23:06:07	Twilight	44.500	38	20Eps Sgr	1.8360	11000.	89	43485	No
231	GOM_NL__2PRFIN20100624_230731_000000562090_00345_43485_6405.N1	24-JUN-2010 23:07:31	Bright	55.500	116	19Del Sgr	2.7000	4100.0	111	43485	No
232	GOM_NL__2PRFIN20100624_230941_000000502090_00345_43485_6406.N1	24-JUN-2010 23:09:41	Bright	50.000	155	41Pi Sgr	2.9000	6600.0	100	43485	No
233	GOM_NL__2PRFIN20100624_231825_000000392090_00345_43485_6407.N1	24-JUN-2010 23:18:25	Bright	39.000	126	60Bet Oph	2.7700	4250.0	78	43485	No
234	GOM_NL__2PRFIN20100624_232049_000000392090_00345_43485_6408.N1	24-JUN-2010 23:20:49	Bright	38.500	59	55Alp Oph	2.0800	8900.0	77	43485	No
235	GOM_NL__2PRFIN20100624_233021_000000482090_00345_43485_6409.N1	24-JUN-2010 23:30:21	Bright	47.500	5	3Alp Lyr	0.033000	11000.	95	43485	No
236	GOM_NL__2PRFIN20100624_233225_000000372090_00345_43485_6410.N1	24-JUN-2010 23:32:25	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	43485	No
237	GOM_NL__2PRFIN20100624_234204_000000462090_00345_43485_6411.N1	24-JUN-2010 23:42:04	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	43485	No
238	GOM_NL__2PRFIN20100624_234906_000000442090_00345_43485_6412.N1	24-JUN-2010 23:49:06	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	43485	No
239	GOM_NL__2PRFIN20100624_235040_000000662090_00345_43485_6413.N1	24-JUN-2010 23:50:40	Bright	66.000	68	18Alp Cas	2.2250	4500.0	132	43485	No
240	GOM_NL__2PRFIN20100624_235303_000000452090_00345_43485_6414.N1	24-JUN-2010 23:53:03	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	43485	No
241	GOM_NL__2PRFIN20100624_235628_000000472090_00345_43485_6415.N1	24-JUN-2010 23:56:28	Bright	46.500	73	57Gam1And	2.2600	13100.	93	43485	No
242	GOM_NL__2PRFIN20100624_235856_000000462090_00345_43485_6416.N1	24-JUN-2010 23:58:56	Twilight	46.000	173	4Bet Tri	3.0040	8900.0	92	43485	No

### 3. Quality information per product

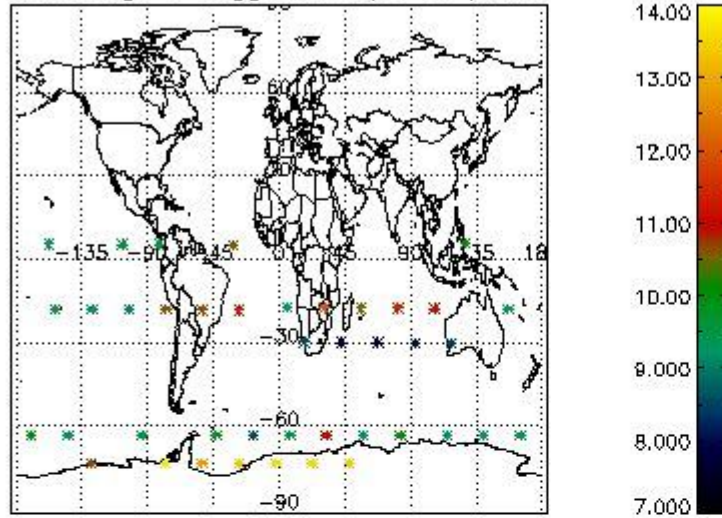
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

#### 3.1 Plot quality information per product (time dependant)

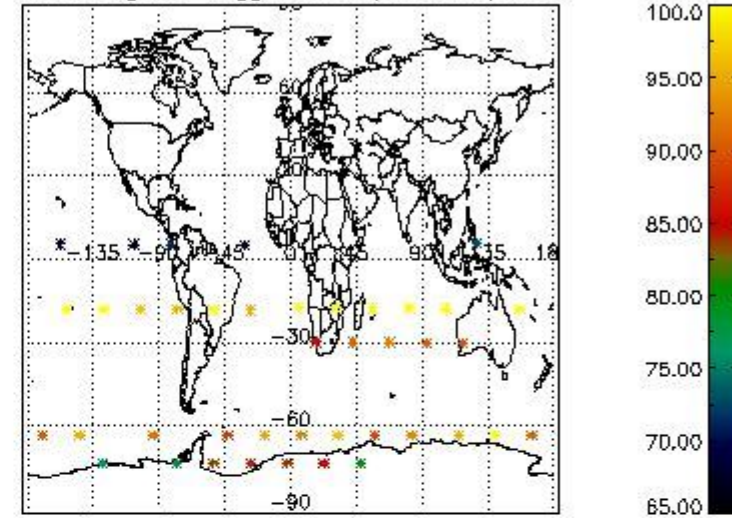


3.2 Plot quality information per product (world map)

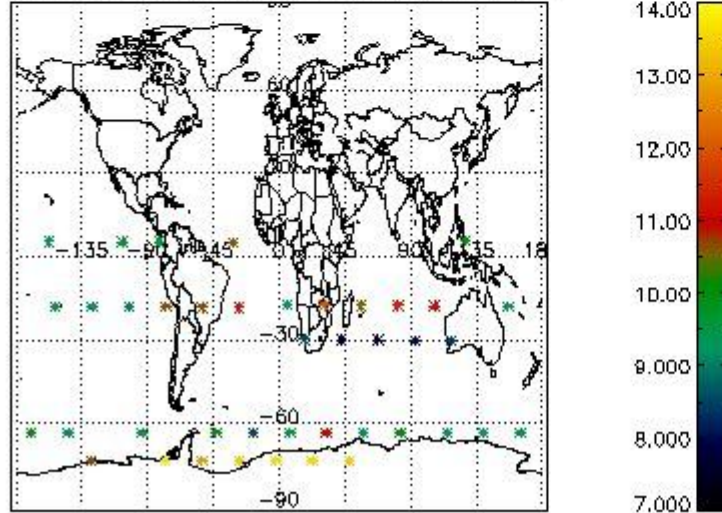
Percentage of flagged data per O3 profile



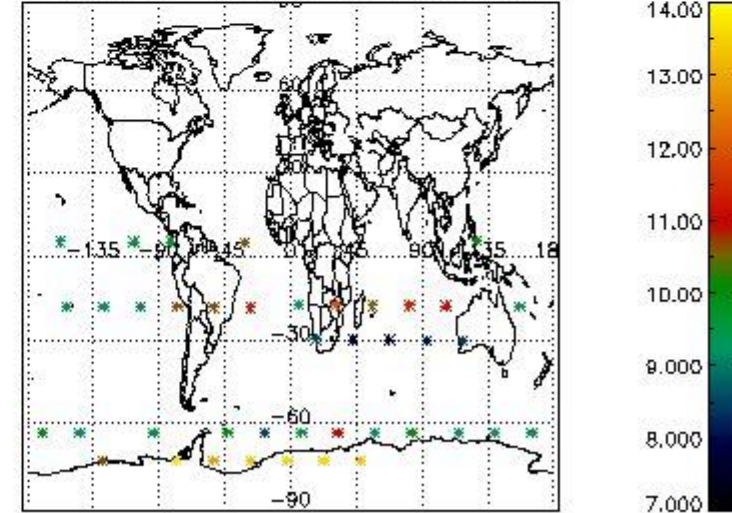
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



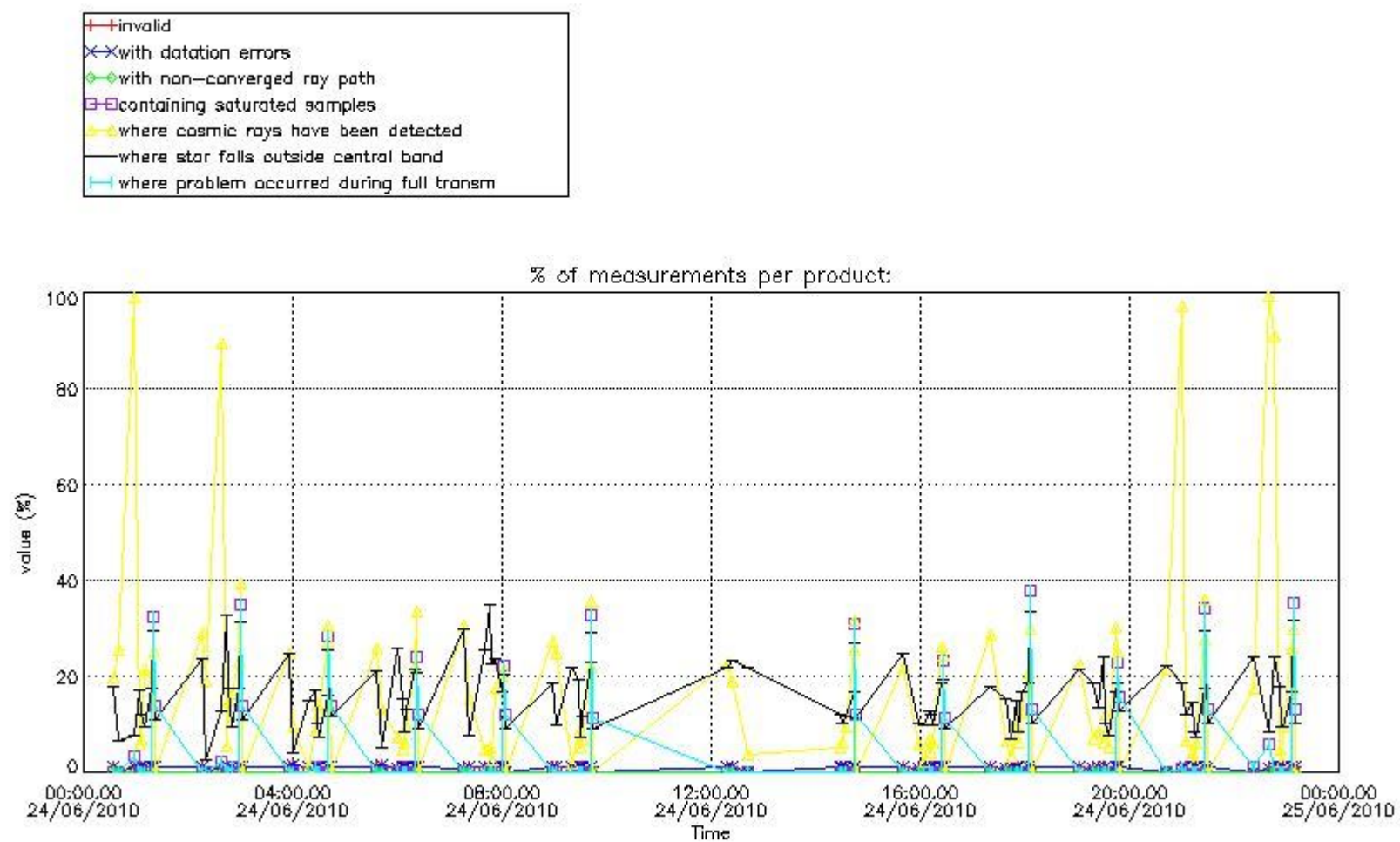
#### 4. Level 1 quality information per product

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.

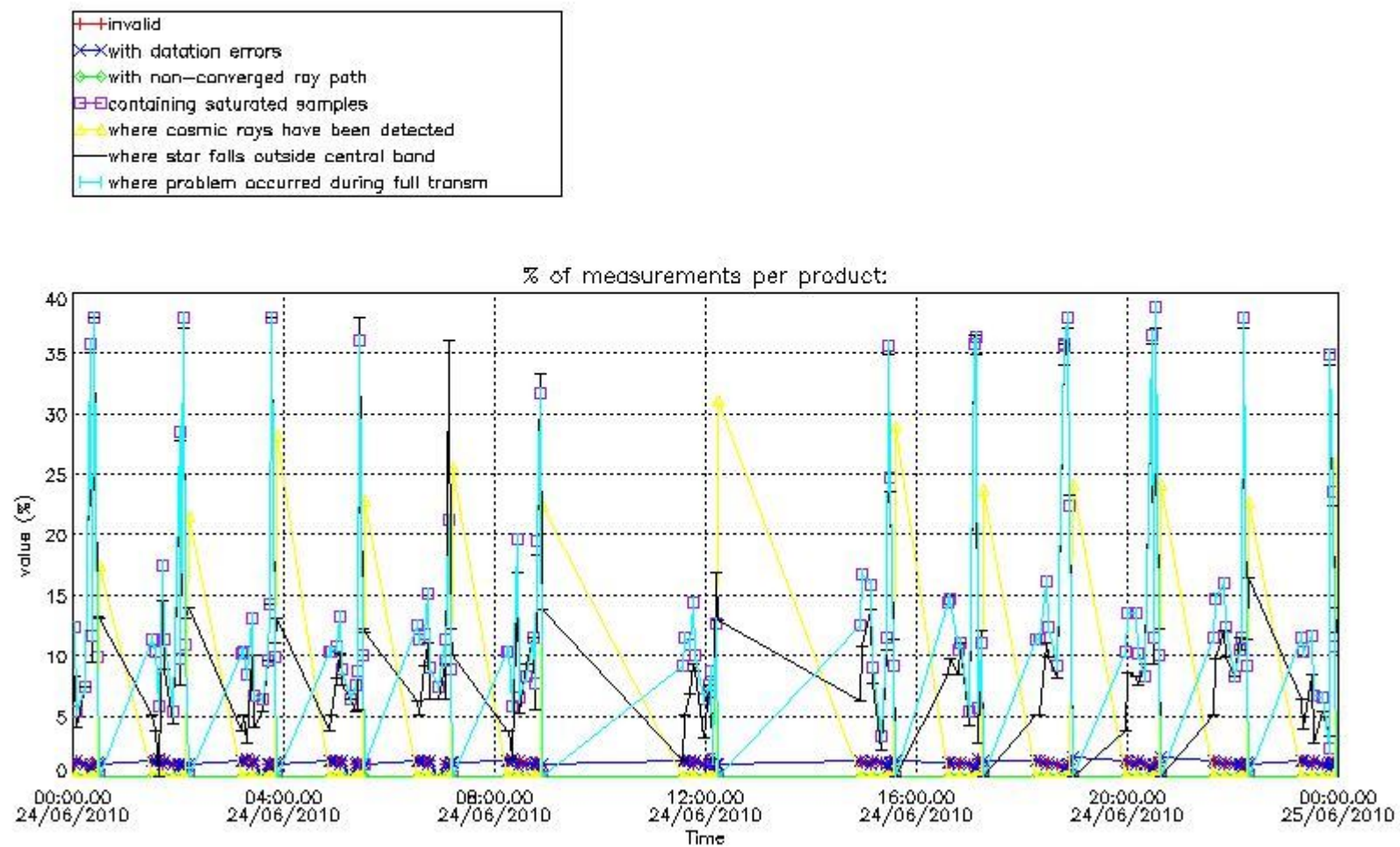
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



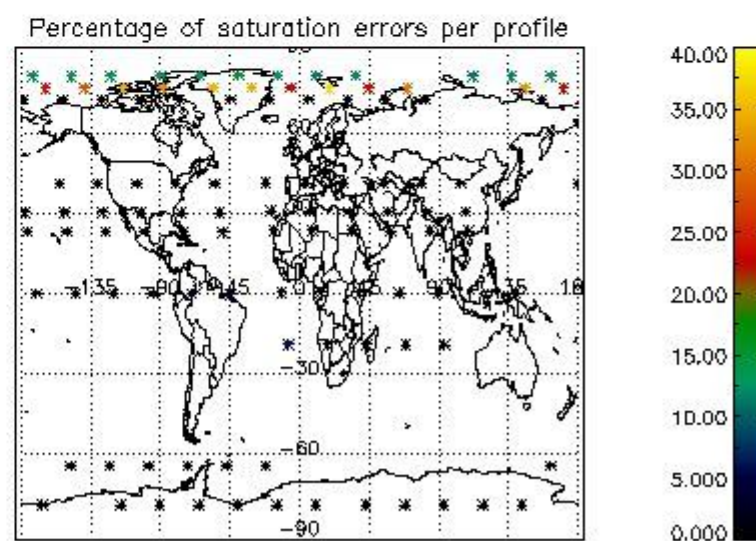
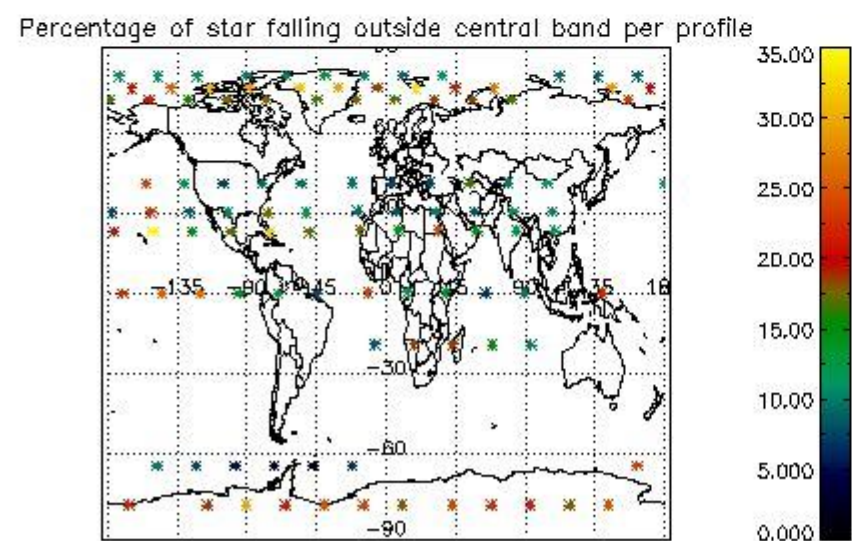
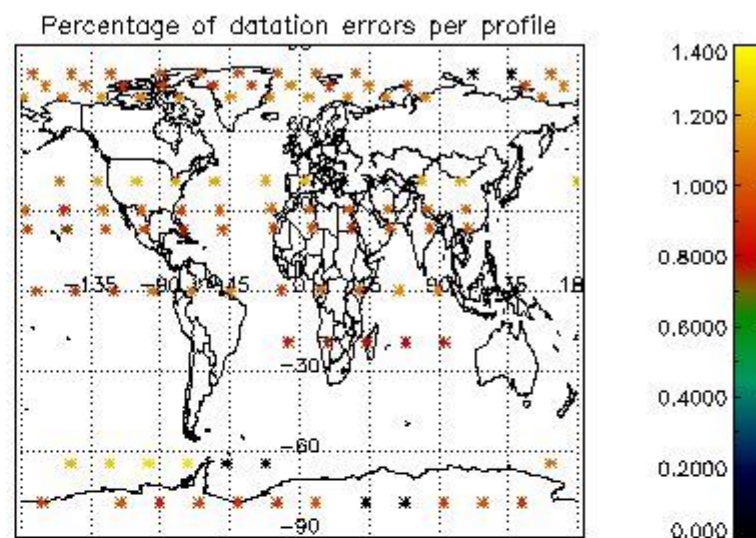
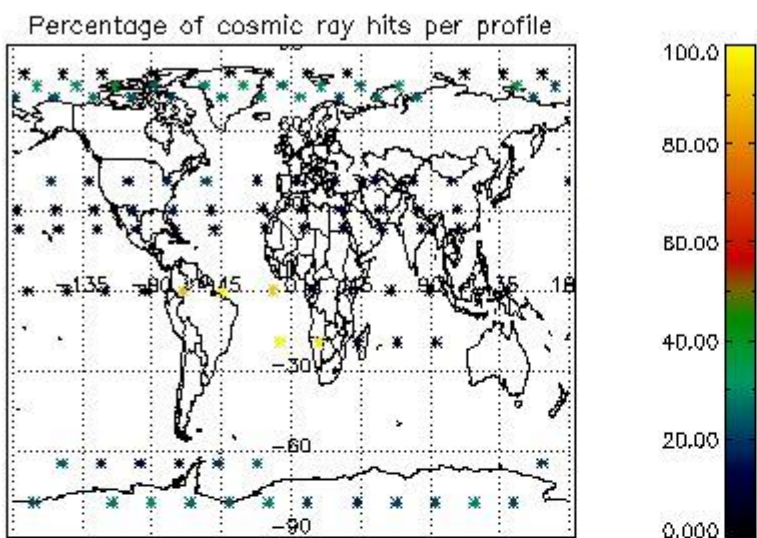


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

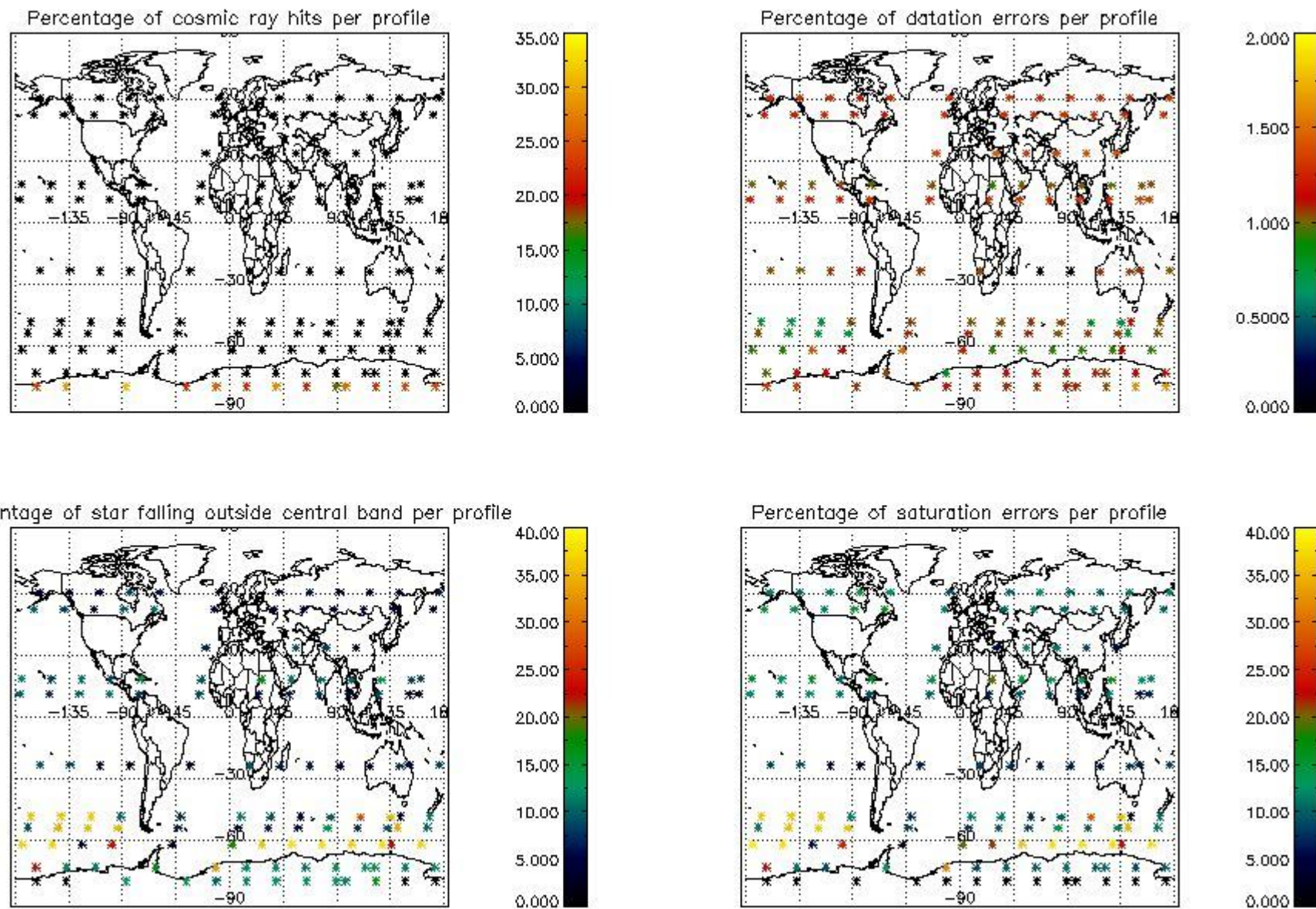


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

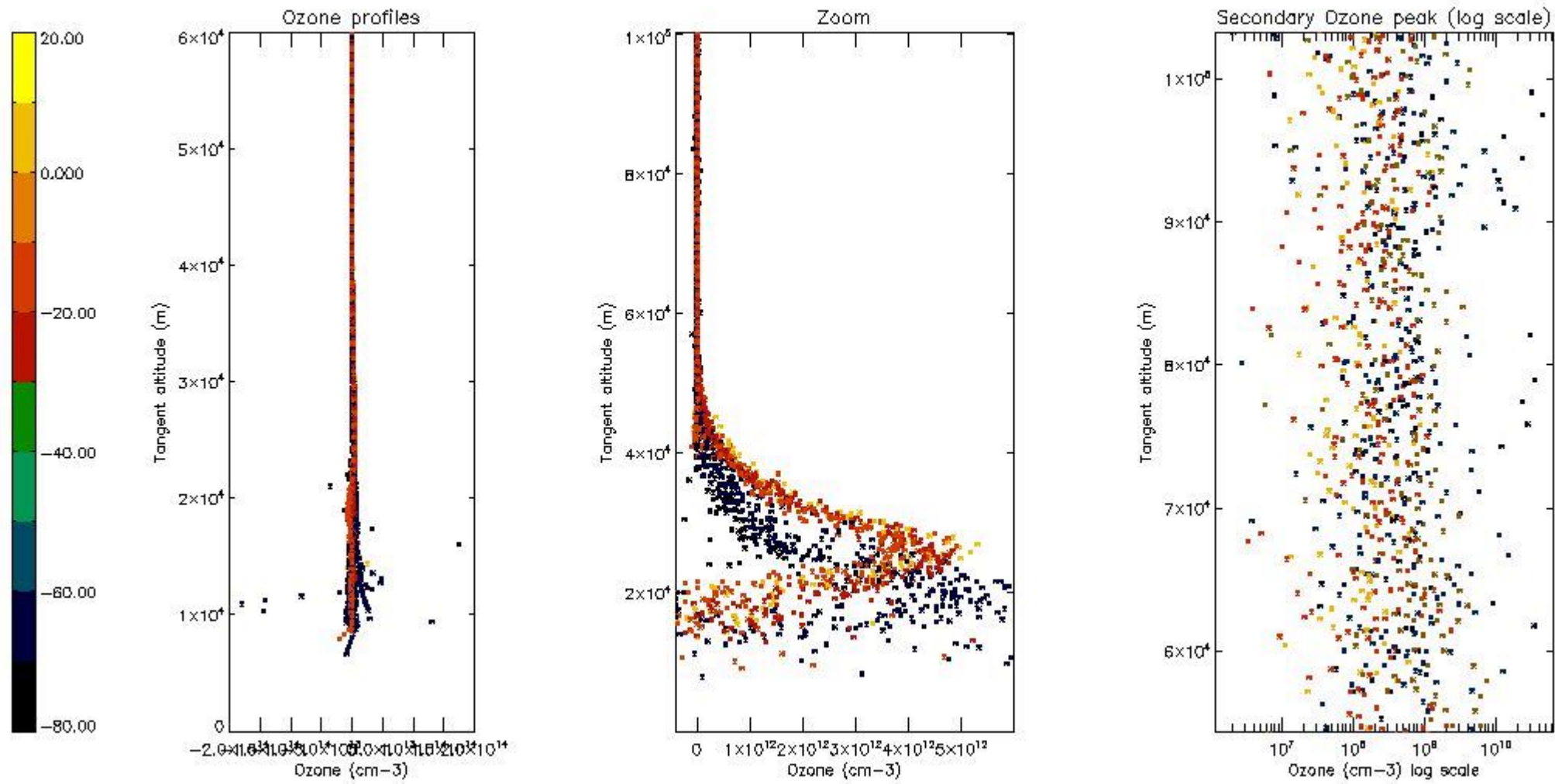
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	19
STD < 20	5

STD < 10	2
STD < 5	0

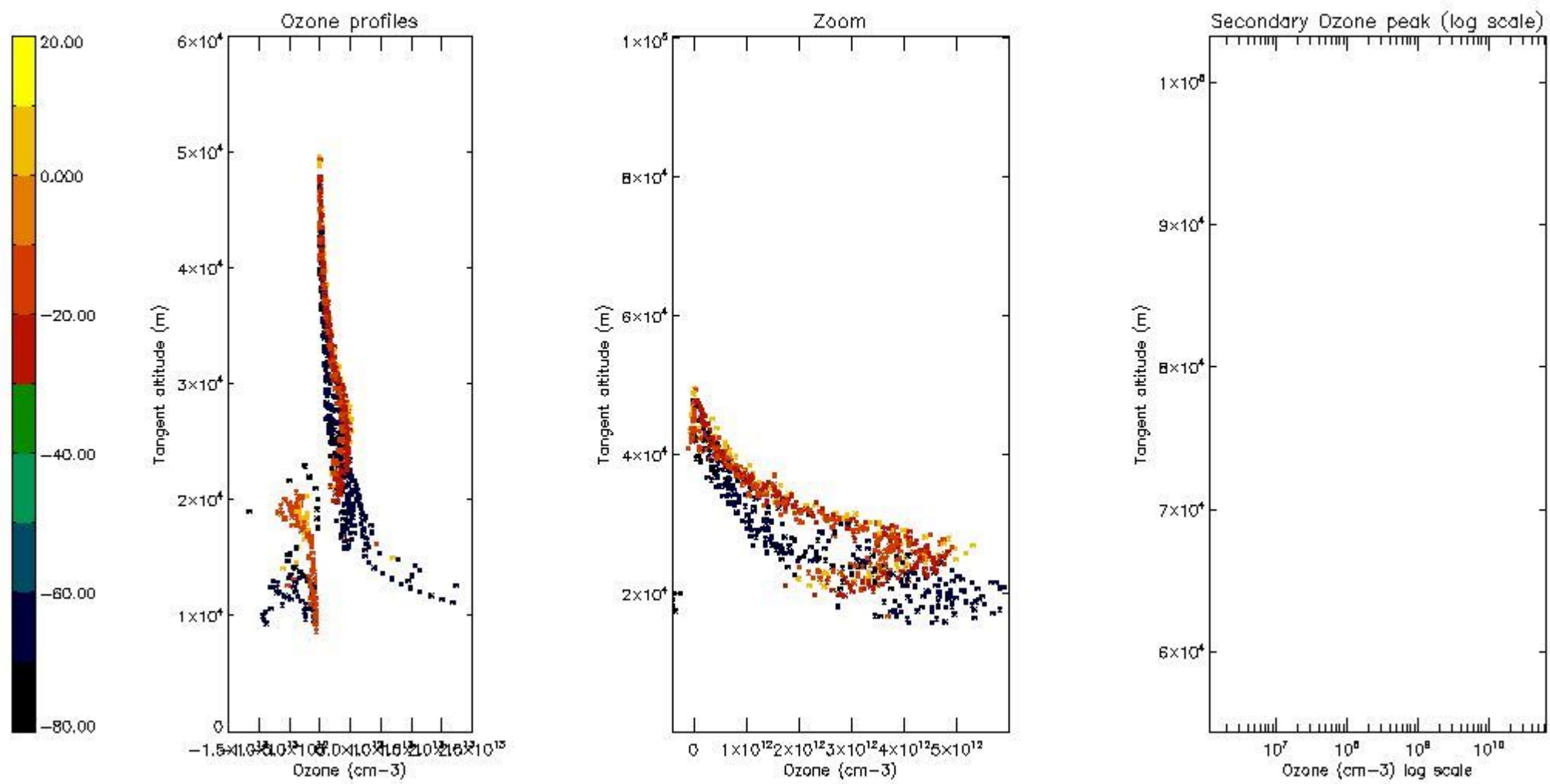
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



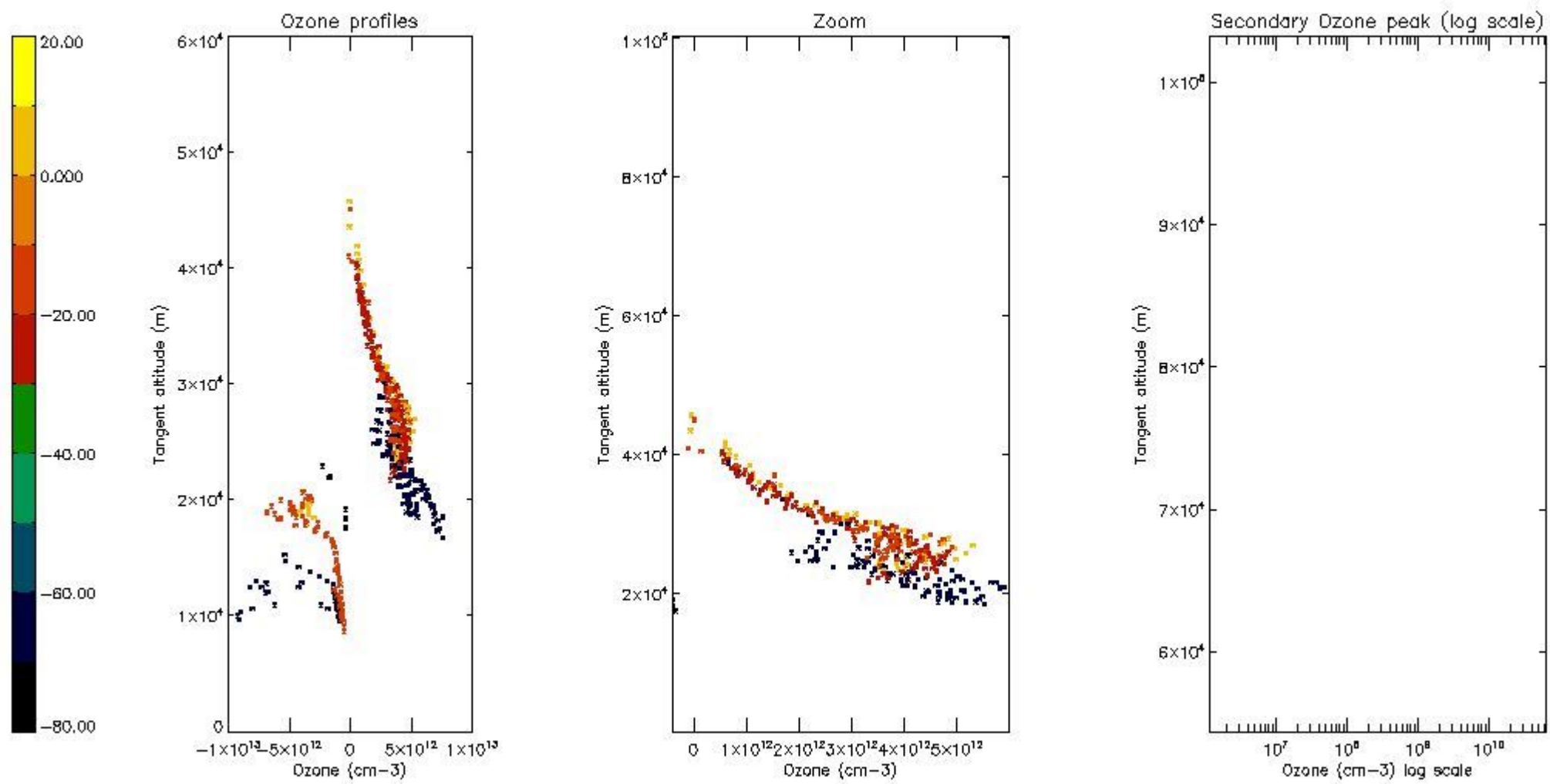
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



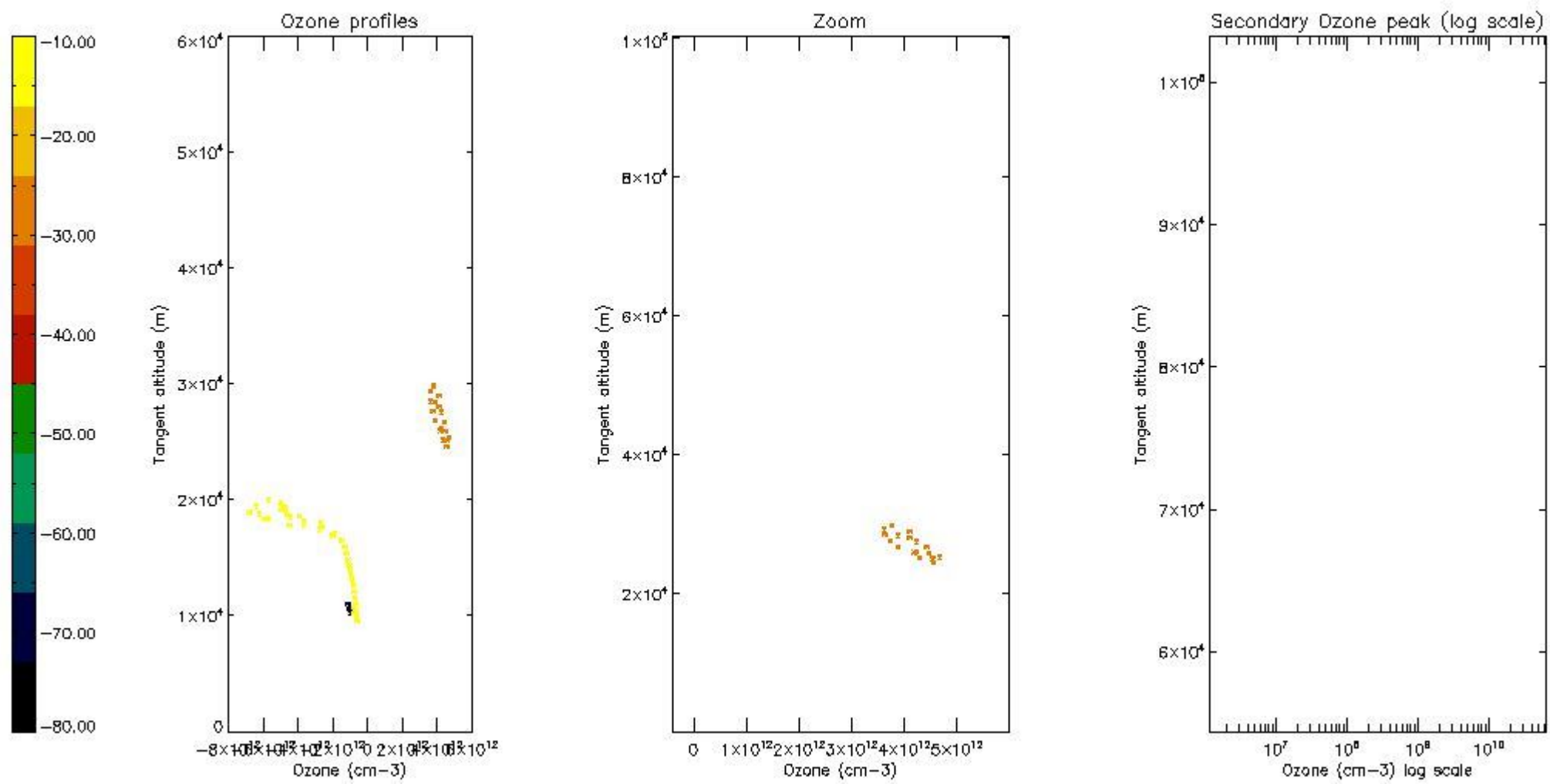
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



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

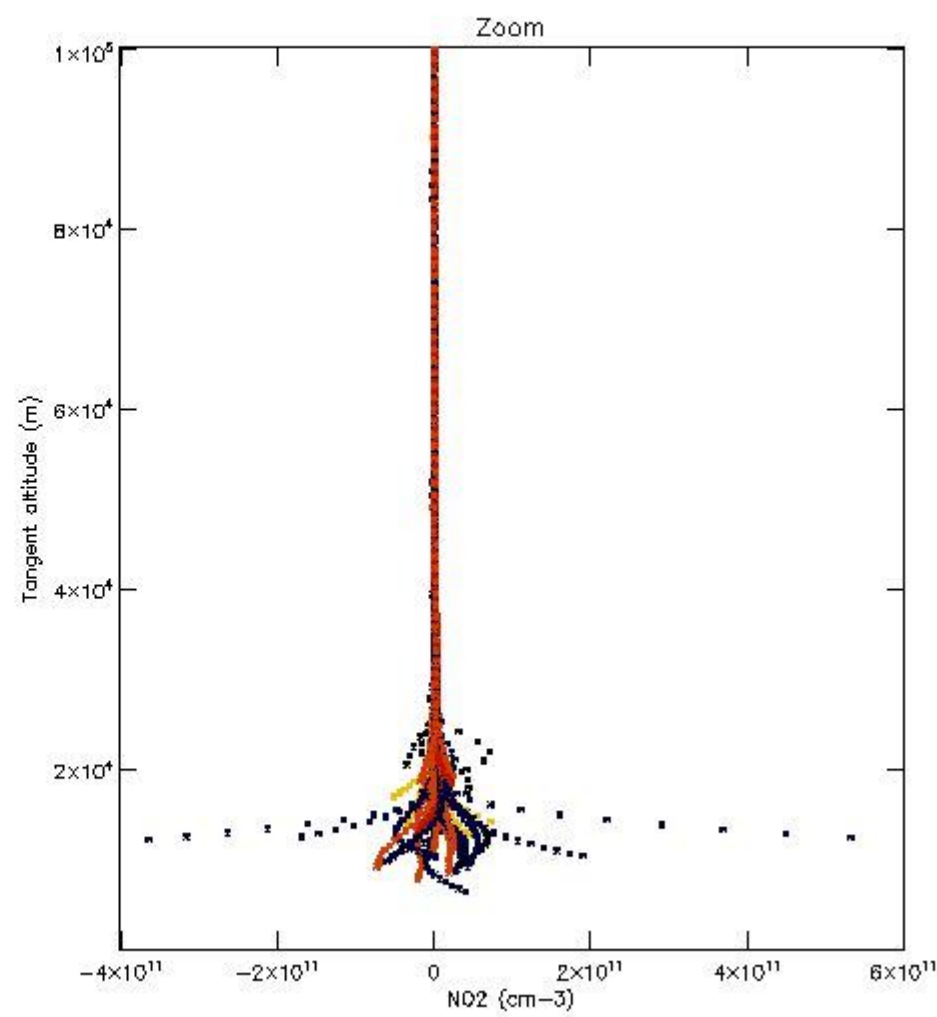
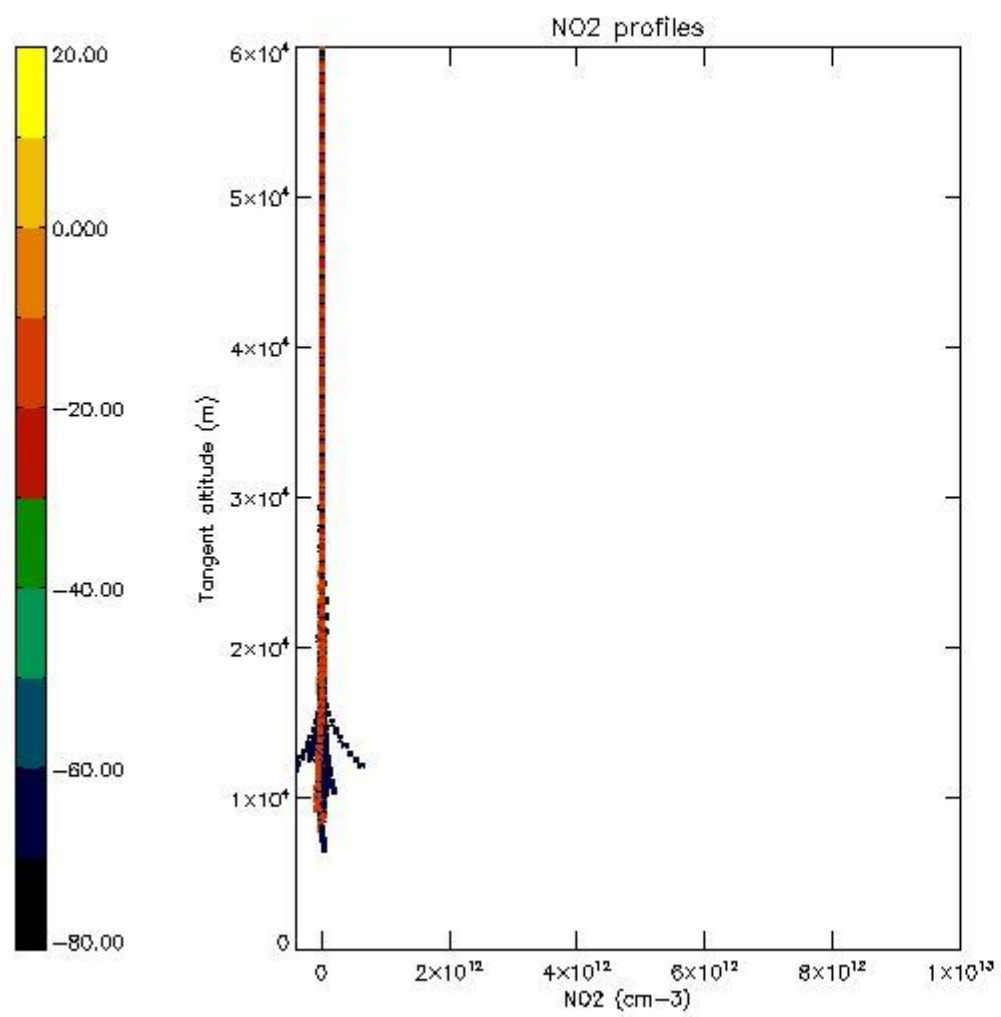
The colorbar represents the latitude.



*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

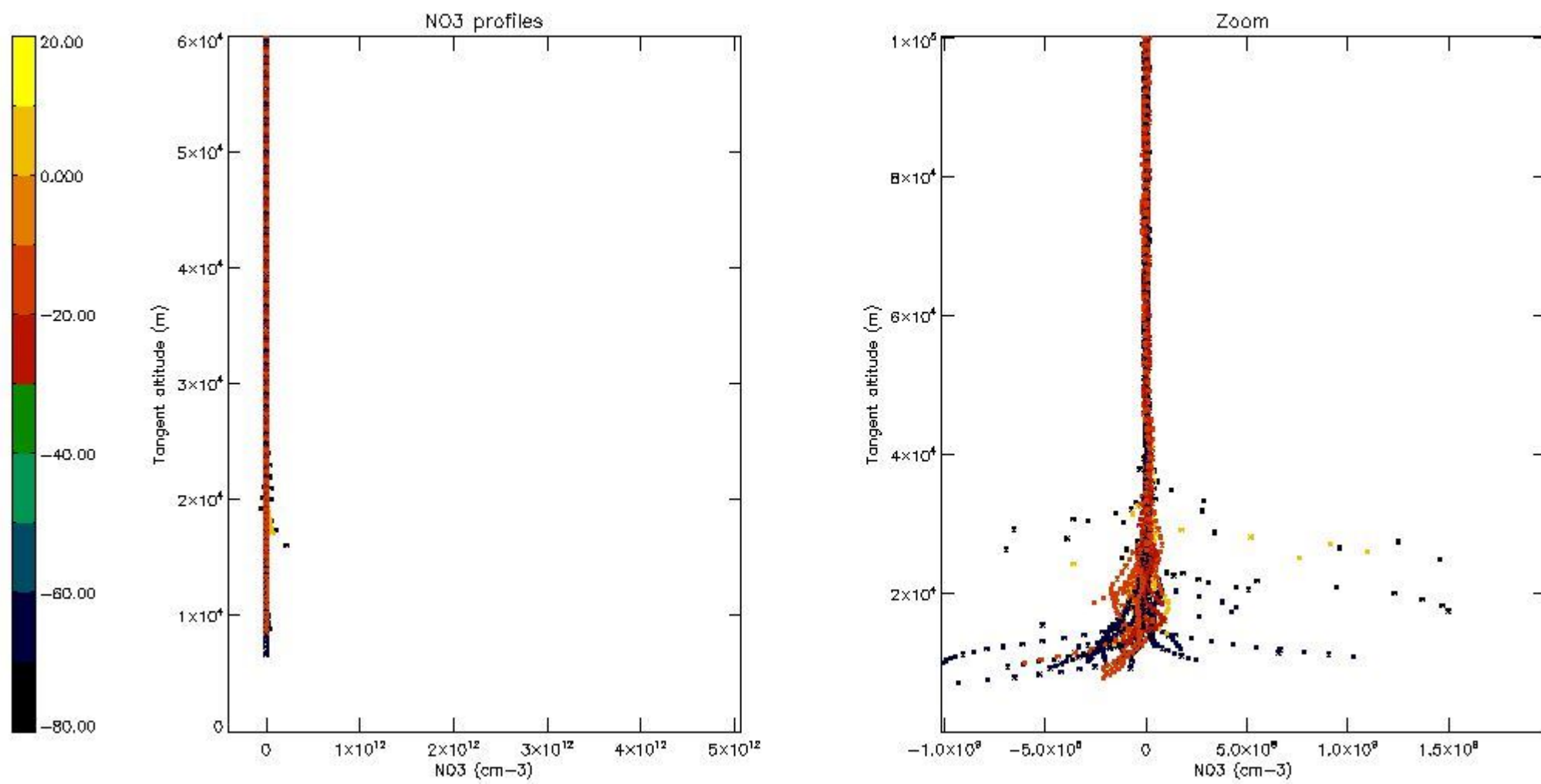
The colorbar represents the latitude.





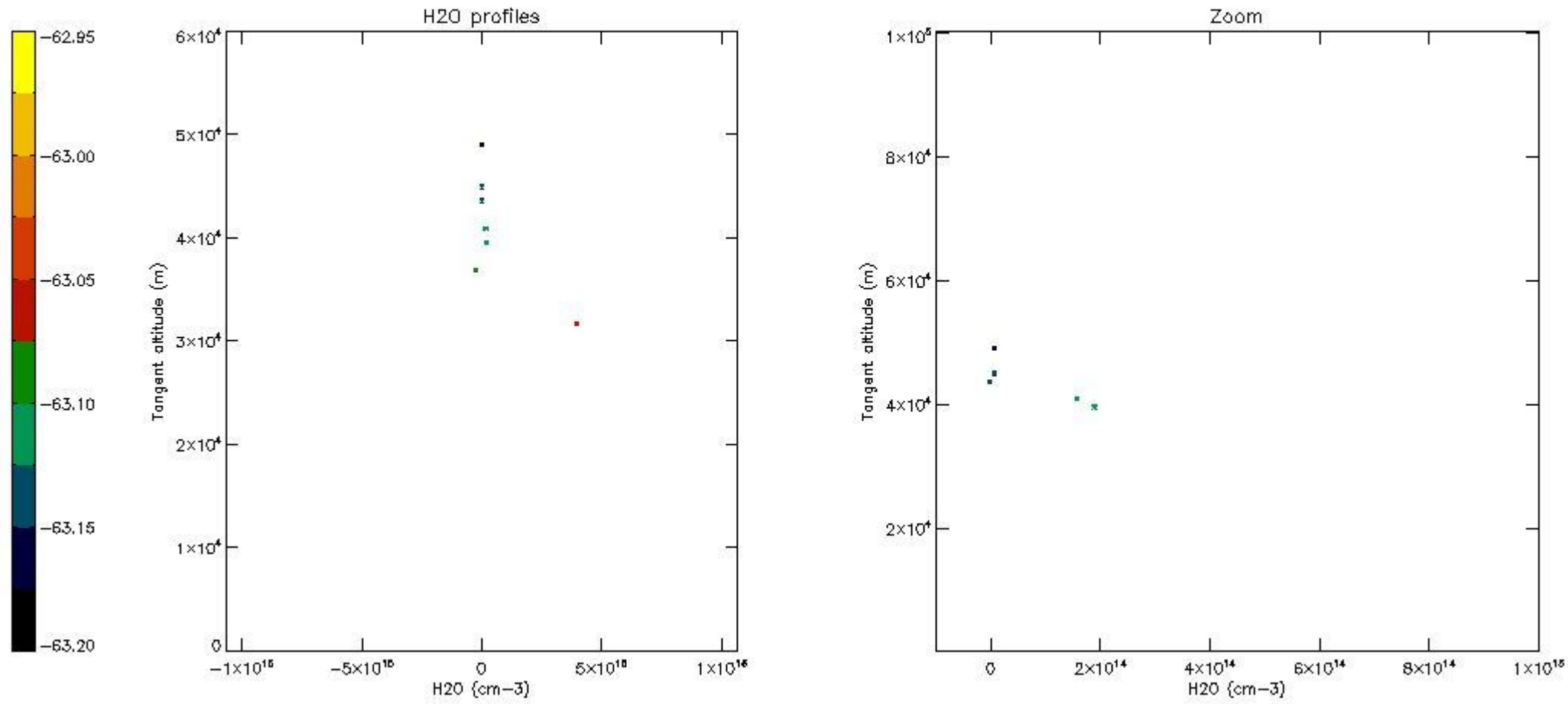
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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	24-JUN-2010 00:02:07
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-JUN-2010 00:02:07
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-JUN-2010 00:02:07

# 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 \(time dependant\)](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	29APR2013 12:18:37
Data source version	GOMOS/6.01
Start time of products	24-06-2010 (24JUN2010 00:00:00)
Stop time of products	25-06-2010 (25JUN2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	242
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__2PRFIN20100624_000207_000000492090_00331_43471_6369.N1	24-JUN-2010 00:02:07	Bright	48.500	5	3Alp Lyr	0.033000	11000.	97	43471	No
2	GOM_NL__2PRFIN20100624_000406_000000372090_00331_43471_6370.N1	24-JUN-2010 00:04:06	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	43471	No
3	GOM_NL__2PRFIN20100624_001350_000000482090_00331_43471_6371.N1	24-JUN-2010 00:13:50	Bright	47.500	89	5Alp Cep	2.4510	8000.0	95	43471	No
4	GOM_NL__2PRFIN20100624_002050_000000672090_00331_43471_6372.N1	24-JUN-2010 00:20:50	Bright	67.000	74	11Bet Cas	2.2680	6600.0	134	43471	No
5	GOM_NL__2PRFIN20100624_002223_000000482090_00331_43471_6373.N1	24-JUN-2010 00:22:23	Bright	47.500	68	18Alp Cas	2.2250	4500.0	95	43471	No
6	GOM_NL__2PRFIN20100624_002440_000000542090_00331_43471_6374.N1	24-JUN-2010 00:24:40	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	43471	No
7	GOM_NL__2PRFIN20100624_002806_000000462090_00331_43471_6375.N1	24-JUN-2010 00:28:06	Bright	45.500	73	57Gam1And	2.2600	13100.	91	43471	No
8	GOM_NL__2PRFIN20100624_003032_000000462090_00331_43471_6376.N1	24-JUN-2010 00:30:32	Twilight	46.000	173	4Bet Tri	3.0040	8900.0	92	43471	No
9	GOM_NL__2PRFIN20100624_003424_000000512090_00331_43471_6377.N1	24-JUN-2010 00:34:24	Dark	50.500	50	13Alp Ari	2.0070	4250.0	101	43471	No
10	GOM_NL__2PRFIN20100624_003914_000000382090_00331_43471_6378.N1	24-JUN-2010 00:39:14	Dark	37.500	94	92Alp Cet	2.5260	3100.0	75	43471	No
11	GOM_NL__2PRFIN20100624_005728_000000452090_00331_43471_6379.N1	24-JUN-2010 00:57:28	Dark	45.000	84	Alp Phe	2.3970	4500.0	90	43471	No
12	GOM_NL__2PRFIN20100624_010357_000000532090_00332_43472_6360.N1	24-JUN-2010 01:03:57	Dark	52.500	63	Bet Gru	2.1500	2800.0	105	43472	No
13	GOM_NL__2PRFIN20100624_010559_000000502090_00332_43472_6361.N1	24-JUN-2010 01:05:59	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	43472	No
14	GOM_NL__2PRFIN20100624_010903_000000422090_00332_43472_6362.N1	24-JUN-2010 01:09:03	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43472	No
15	GOM_NL__2PRFIN20100624_011816_000000462090_00332_43472_6363.N1	24-JUN-2010 01:18:16	Twilight	45.500	38	20Eps Sgr	1.8360	11000.	91	43472	No
16	GOM_NL__2PRFIN20100624_011941_000000542090_00332_43472_6364.N1	24-JUN-2010 01:19:41	Bright	54.000	116	19Del Sgr	2.7000	4100.0	108	43472	No
17	GOM_NL__2PRFIN20100624_012151_000000512090_00332_43472_6365.N1	24-JUN-2010 01:21:51	Bright	51.000	155	41Pi Sgr	2.9000	6600.0	102	43472	No
18	GOM_NL__2PRFIN20100624_013040_000000402090_00332_43472_6366.N1	24-JUN-2010 01:30:40	Bright	39.500	126	60Bet Oph	2.7700	4250.0	79	43472	No
19	GOM_NL__2PRFIN20100624_013303_000000392090_00332_43472_6367.N1	24-JUN-2010 01:33:03	Bright	39.000	59	55Alp Oph	2.0800	8900.0	78	43472	No
20	GOM_NL__2PRFIN20100624_013818_000000352090_00332_43472_6368.N1	24-JUN-2010 01:38:18	Bright	34.500	133	40Zet Her	2.8070	6000.0	69	43472	No
21	GOM_NL__2PRFIN20100624_014242_000000522090_00332_43472_6369.N1	24-JUN-2010 01:42:42	Bright	51.500	5	3Alp Lyr	0.033000	11000.	103	43472	No
22	GOM_NL__2PRFIN20100624_014442_000000402090_00332_43472_6370.N1	24-JUN-2010 01:44:42	Bright	39.500	130	23Bet Dra	2.7990	5800.0	79	43472	No
23	GOM_NL__2PRFIN20100624_015425_000000462090_00332_43472_6371.N1	24-JUN-2010 01:54:25	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	43472	No
24	GOM_NL__2PRFIN20100624_020125_000000602090_00332_43472_6372.N1	24-JUN-2010 02:01:25	Bright	59.500	74	11Bet Cas	2.2680	6600.0	119	43472	No
25	GOM_NL__2PRFIN20100624_020258_000000472090_00332_43472_6373.N1	24-JUN-2010 02:02:58	Bright	46.500	68	18Alp Cas	2.2250	4500.0	93	43472	No
26	GOM_NL__2PRFIN20100624_020516_000000542090_00332_43472_6374.N1	24-JUN-2010 02:05:16	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	43472	No
27	GOM_NL__2PRFIN20100624_020842_000000462090_00332_43472_6375.N1	24-JUN-2010 02:08:42	Bright	46.000	73	57Gam1And	2.2600	13100.	92	43472	No
28	GOM_NL__2PRFIN20100624_021108_000000472090_00332_43472_6376.N1	24-JUN-2010 02:11:08	Twilight	46.500	173	4Bet Tri	3.0040	8900.0	93	43472	No
29	GOM_NL__2PRFIN20100624_021500_000000552090_00332_43472_6377.N1	24-JUN-2010 02:15:00	Dark	55.000	50	13Alp Ari	2.0070	4250.0	110	43472	No
30	GOM_NL__2PRFIN20100624_021950_000000372090_00332_43472_6378.N1	24-JUN-2010 02:19:50	Dark	37.000	94	92Alp Cet	2.5260	3100.0	74	43472	No
31	GOM_NL__2PRFIN20100624_023806_000000482090_00332_43472_6379.N1	24-JUN-2010 02:38:06	Dark	47.500	84	Alp Phe	2.3970	4500.0	95	43472	No
32	GOM_NL__2PRFIN20100624_024434_000000652090_00333_43473_6380.N1	24-JUN-2010 02:44:34	Straylight	64.500	63	Bet Gru	2.1500	2800.0	129	43473	No
33	GOM_NL__2PRFIN20100624_024635_000000542090_00333_43473_6381.N1	24-JUN-2010 02:46:35	Straylight	54.000	31	Alp Gru	1.7340	15200.	108	43473	No
34	GOM_NL__2PRFIN20100624_024939_000000432090_00333_43473_6382.N1	24-JUN-2010 02:49:39	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43473	No
35	GOM_NL__2PRFIN20100624_025852_000000462090_00333_43473_6383.N1	24-JUN-2010 02:58:52	Twilight	45.500	38	20Eps Sgr	1.8360	11000.	91	43473	No
36	GOM_NL__2PRFIN20100624_030017_000000562090_00333_43473_6384.N1	24-JUN-2010 03:00:17	Bright	56.000	116	19Del Sgr	2.7000	4100.0	112	43473	No
37	GOM_NL__2PRFIN20100624_030227_000000512090_00333_43473_6385.N1	24-JUN-2010 03:02:27	Bright	51.000	155	41Pi Sgr	2.9000	6600.0	102	43473	No
38	GOM_NL__2PRFIN20100624_031115_000000402090_00333_43473_6386.N1	24-JUN-2010 03:11:15	Bright	39.500	126	60Bet Oph	2.7700	4250.0	79	43473	No
39	GOM_NL__2PRFIN20100624_031339_000000392090_00333_43473_6387.N1	24-JUN-2010 03:13:39	Bright	39.000	59	55Alp Oph	2.0800	8900.0	78	43473	No
40	GOM_NL__2PRFIN20100624_031854_000000362090_00333_43473_6388.N1	24-JUN-2010 03:18:54	Bright	35.500	133	40Zet Her	2.8070	6000.0	71	43473	No
41	GOM_NL__2PRFIN20100624_032317_000000502090_00333_43473_6389.N1	24-JUN-2010 03:23:17	Bright	49.500	5	3Alp Lyr	0.033000	11000.	99	43473	No
42	GOM_NL__2PRFIN20100624_032517_000000382090_00333_43473_6390.N1	24-JUN-2010 03:25:17	Bright	37.500	130	23Bet Dra	2.7990	5800.0	75	43473	No







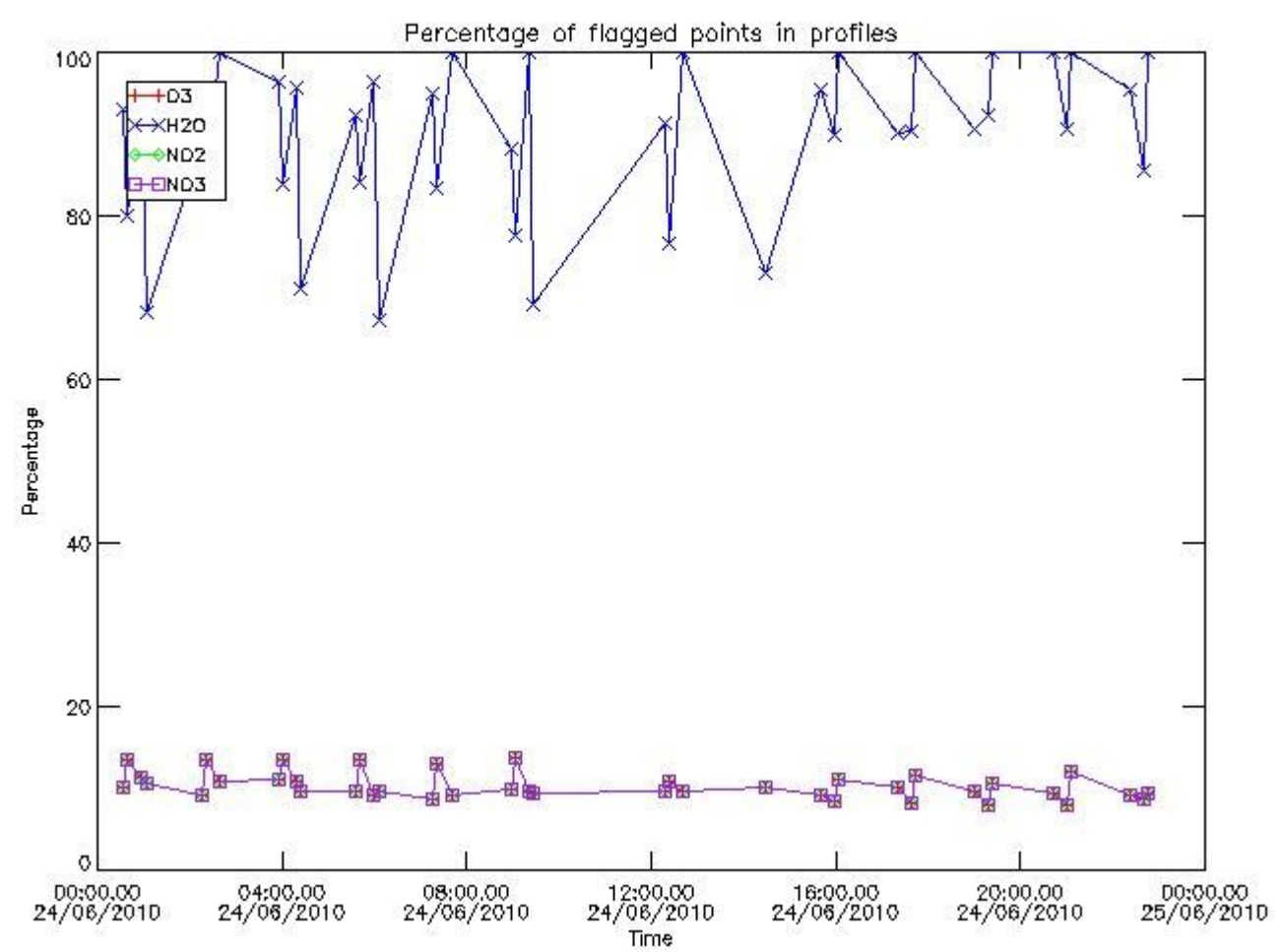


220	GOM_NL__2PRFIN20100624_221005_000000482090_00344_43484_6413.N1	24-JUN-2010 22:10:05	Bright	48.000	68	18Alp Cas	2.2250	4500.0	96	43484	No
221	GOM_NL__2PRFIN20100624_221227_000000542090_00344_43484_6414.N1	24-JUN-2010 22:12:27	Bright	54.000	160	23Gam Per	2.9300	4700.0	108	43484	No
222	GOM_NL__2PRFIN20100624_221553_000000442090_00344_43484_6415.N1	24-JUN-2010 22:15:53	Bright	44.000	73	57Gam1And	2.2600	13100.	88	43484	No
223	GOM_NL__2PRFIN20100624_221819_000000492090_00344_43484_6416.N1	24-JUN-2010 22:18:19	Twilight	48.500	173	4Bet Tri	3.0040	8900.0	97	43484	No
224	GOM_NL__2PRFIN20100624_222214_000000552090_00344_43484_6417.N1	24-JUN-2010 22:22:14	Dark	54.500	50	13Alp Ari	2.0070	4250.0	109	43484	No
225	GOM_NL__2PRFIN20100624_224000_000000592090_00344_43484_6418.N1	24-JUN-2010 22:40:00	Dark	59.000	52	16Bet Cet	2.0370	4500.0	118	43484	No
226	GOM_NL__2PRFIN20100624_224528_000000552090_00344_43484_6400.N1	24-JUN-2010 22:45:28	Dark	54.500	84	Alp Phe	2.3970	4500.0	109	43484	No
227	GOM_NL__2PRFIN20100624_225157_000000542090_00345_43485_6401.N1	24-JUN-2010 22:51:57	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	43485	No
228	GOM_NL__2PRFIN20100624_225358_000000492090_00345_43485_6402.N1	24-JUN-2010 22:53:58	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43485	No
229	GOM_NL__2PRFIN20100624_225657_000000422090_00345_43485_6403.N1	24-JUN-2010 22:56:57	Straylight	42.000	45	Alp Pav	1.9400	26000.	84	43485	No
230	GOM_NL__2PRFIN20100624_230607_000000452090_00345_43485_6404.N1	24-JUN-2010 23:06:07	Twilight	44.500	38	20Eps Sgr	1.8360	11000.	89	43485	No
231	GOM_NL__2PRFIN20100624_230731_000000562090_00345_43485_6405.N1	24-JUN-2010 23:07:31	Bright	55.500	116	19Del Sgr	2.7000	4100.0	111	43485	No
232	GOM_NL__2PRFIN20100624_230941_000000502090_00345_43485_6406.N1	24-JUN-2010 23:09:41	Bright	50.000	155	41Pi Sgr	2.9000	6600.0	100	43485	No
233	GOM_NL__2PRFIN20100624_231825_000000392090_00345_43485_6407.N1	24-JUN-2010 23:18:25	Bright	39.000	126	60Bet Oph	2.7700	4250.0	78	43485	No
234	GOM_NL__2PRFIN20100624_232049_000000392090_00345_43485_6408.N1	24-JUN-2010 23:20:49	Bright	38.500	59	55Alp Oph	2.0800	8900.0	77	43485	No
235	GOM_NL__2PRFIN20100624_233021_000000482090_00345_43485_6409.N1	24-JUN-2010 23:30:21	Bright	47.500	5	3Alp Lyr	0.033000	11000.	95	43485	No
236	GOM_NL__2PRFIN20100624_233225_000000372090_00345_43485_6410.N1	24-JUN-2010 23:32:25	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	43485	No
237	GOM_NL__2PRFIN20100624_234204_000000462090_00345_43485_6411.N1	24-JUN-2010 23:42:04	Bright	46.000	89	5Alp Cep	2.4510	8000.0	92	43485	No
238	GOM_NL__2PRFIN20100624_234906_000000442090_00345_43485_6412.N1	24-JUN-2010 23:49:06	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	43485	No
239	GOM_NL__2PRFIN20100624_235040_000000662090_00345_43485_6413.N1	24-JUN-2010 23:50:40	Bright	66.000	68	18Alp Cas	2.2250	4500.0	132	43485	No
240	GOM_NL__2PRFIN20100624_235303_000000452090_00345_43485_6414.N1	24-JUN-2010 23:53:03	Bright	44.500	160	23Gam Per	2.9300	4700.0	89	43485	No
241	GOM_NL__2PRFIN20100624_235628_000000472090_00345_43485_6415.N1	24-JUN-2010 23:56:28	Bright	46.500	73	57Gam1And	2.2600	13100.	93	43485	No
242	GOM_NL__2PRFIN20100624_235856_000000462090_00345_43485_6416.N1	24-JUN-2010 23:58:56	Twilight	46.000	173	4Bet Tri	3.0040	8900.0	92	43485	No

### 3. Quality information per product

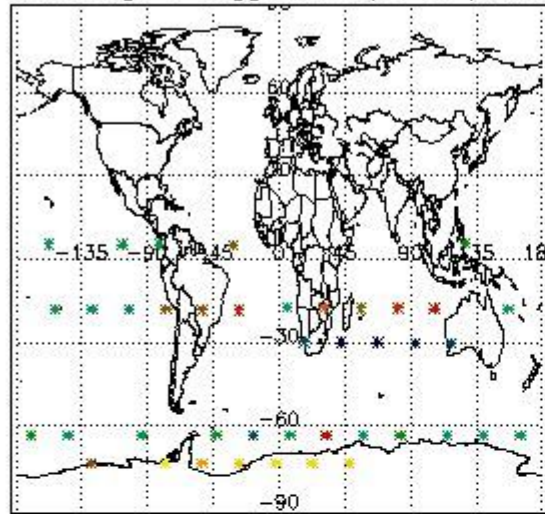
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

#### 3.1 Plot quality information per product (time dependant)

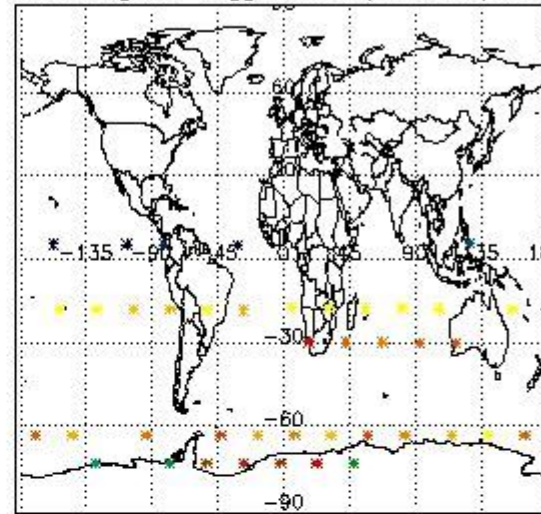


3.2 Plot quality information per product (world map)

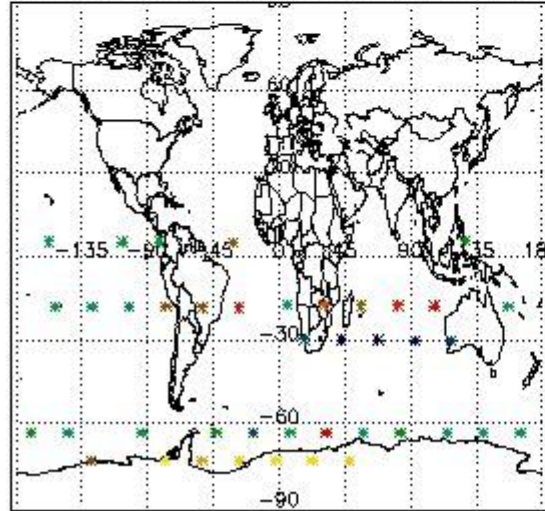
Percentage of flagged data per O3 profile



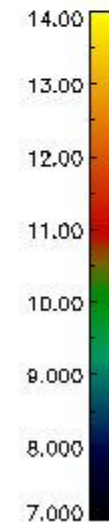
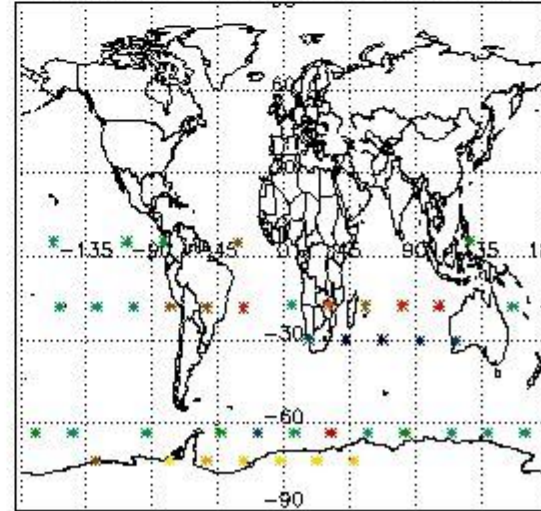
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

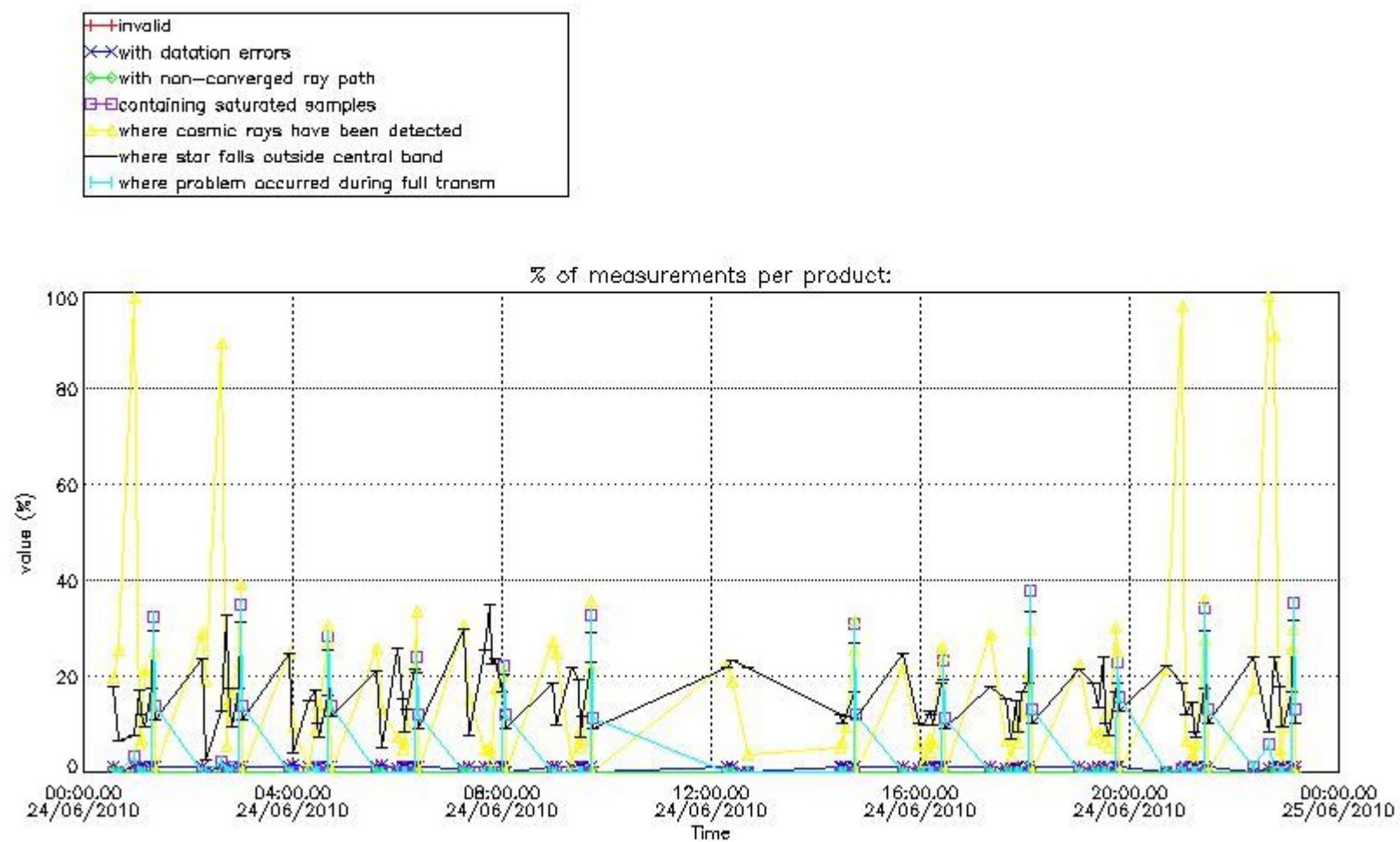


#### 4. Level 1 quality information per product

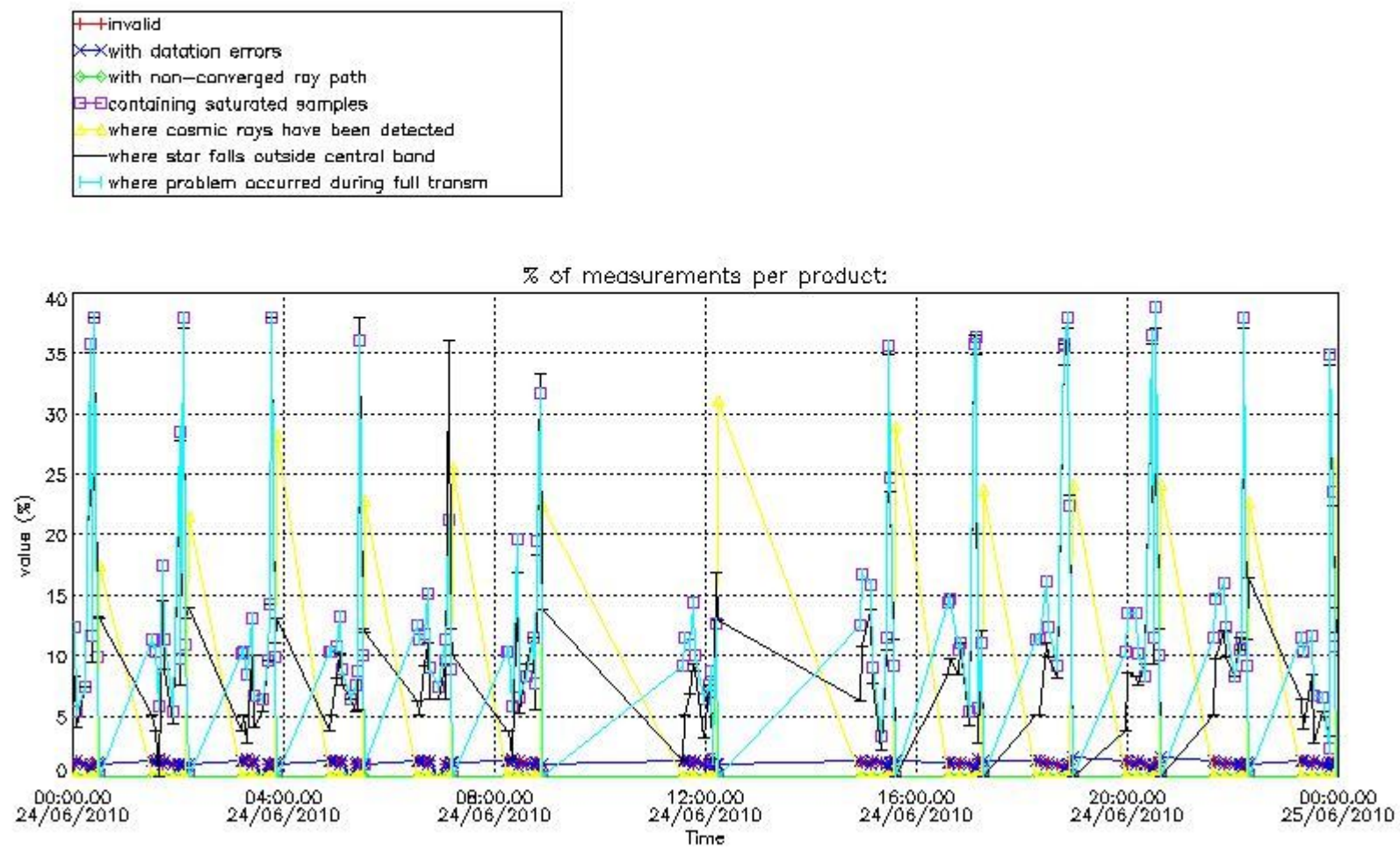
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



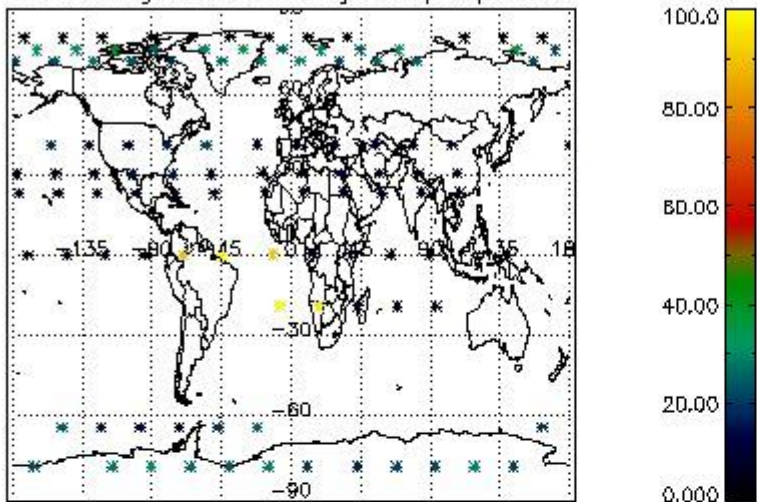
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



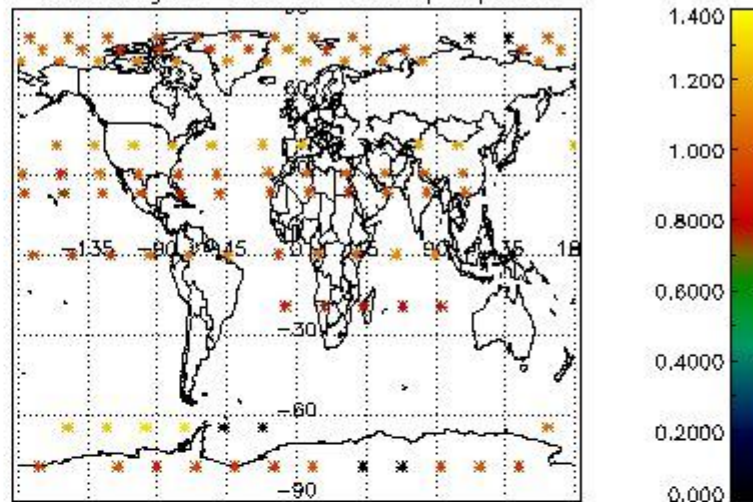
4.2 Plot quality information per product coming from level 1b processing (world map)

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

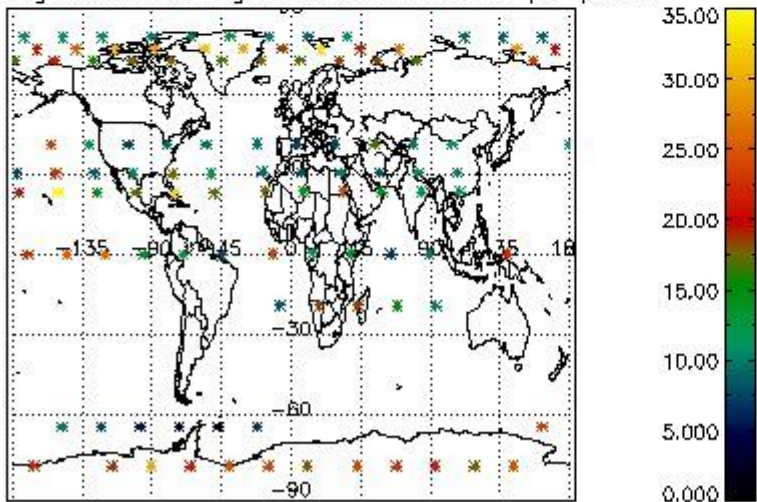
Percentage of cosmic ray hits per profile



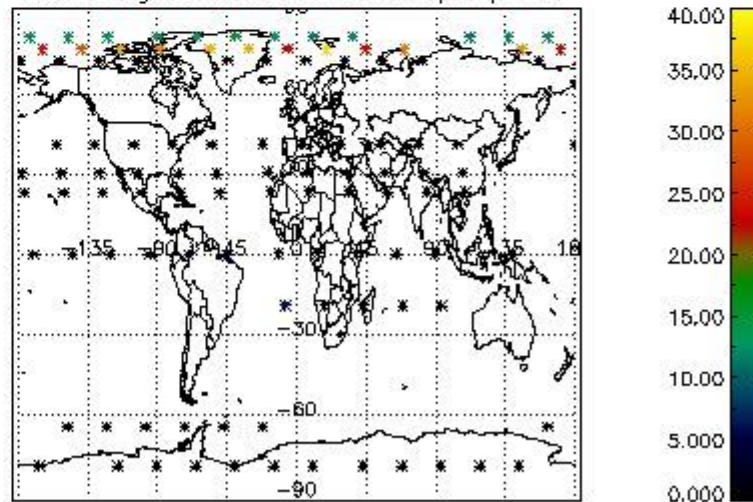
Percentage of datation errors per profile



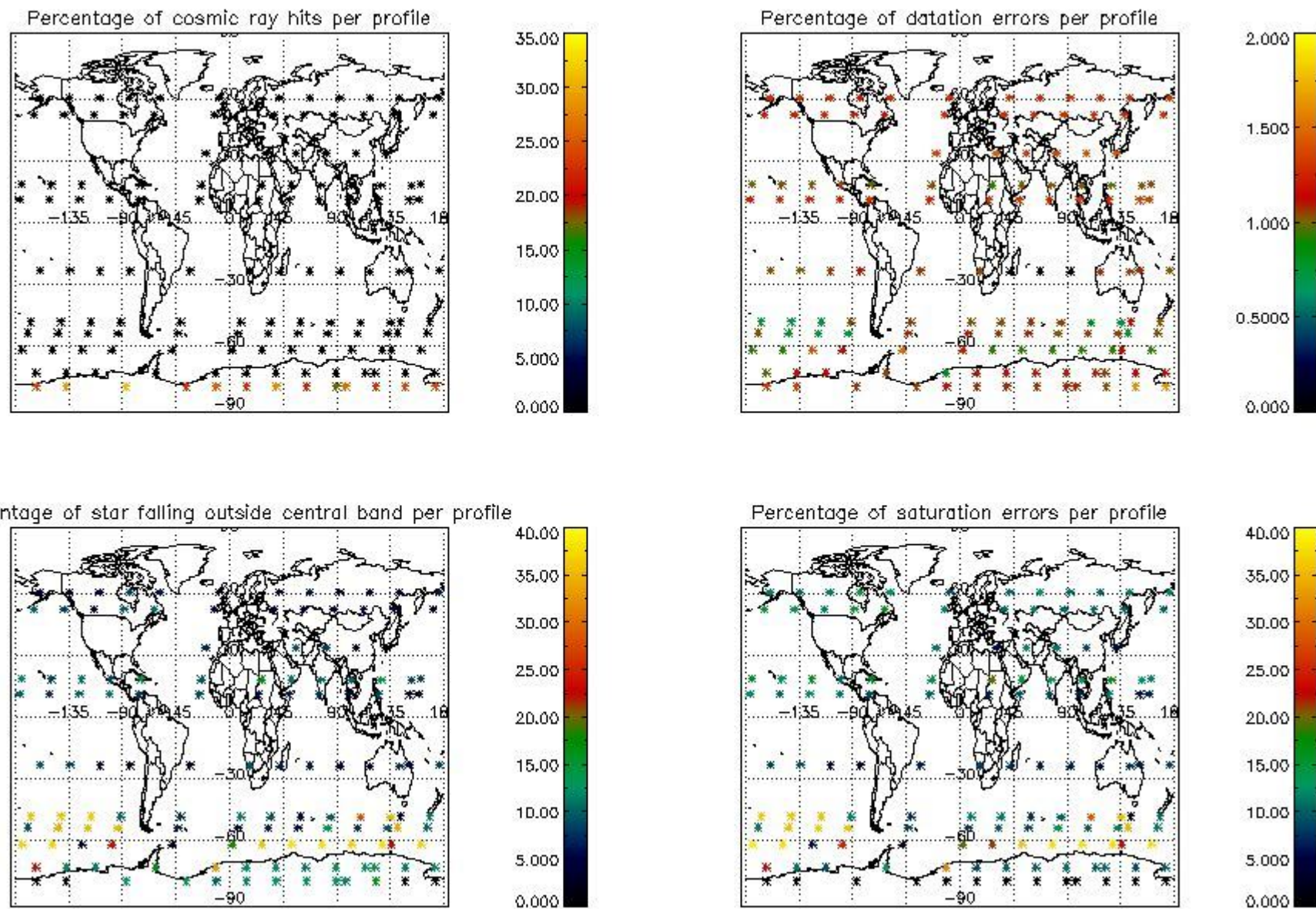
Percentage of star falling outside central band per profile



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

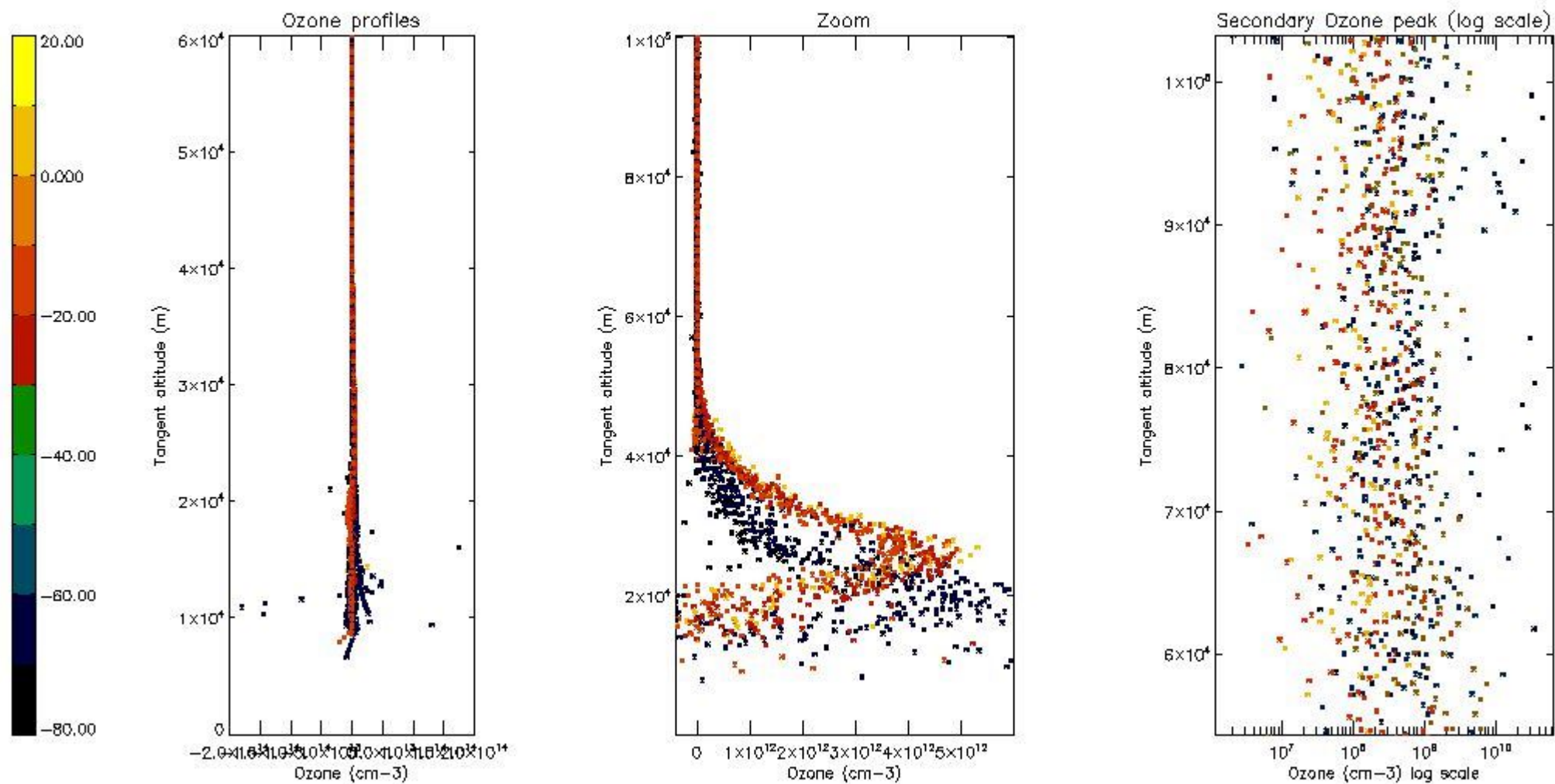
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	19
STD < 20	5

STD < 10	2
STD < 5	0

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

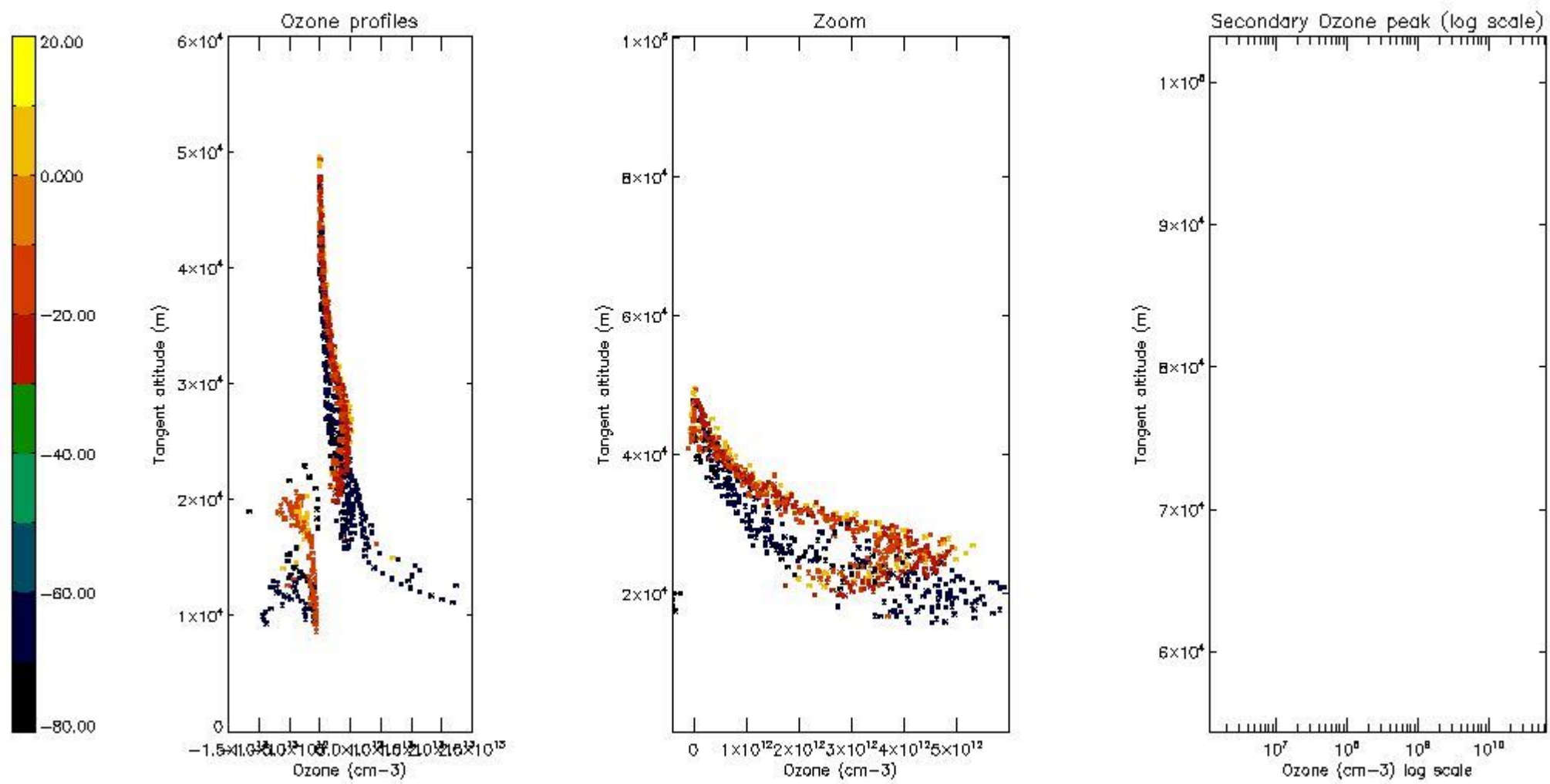
The colorbar represents the latitude.



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

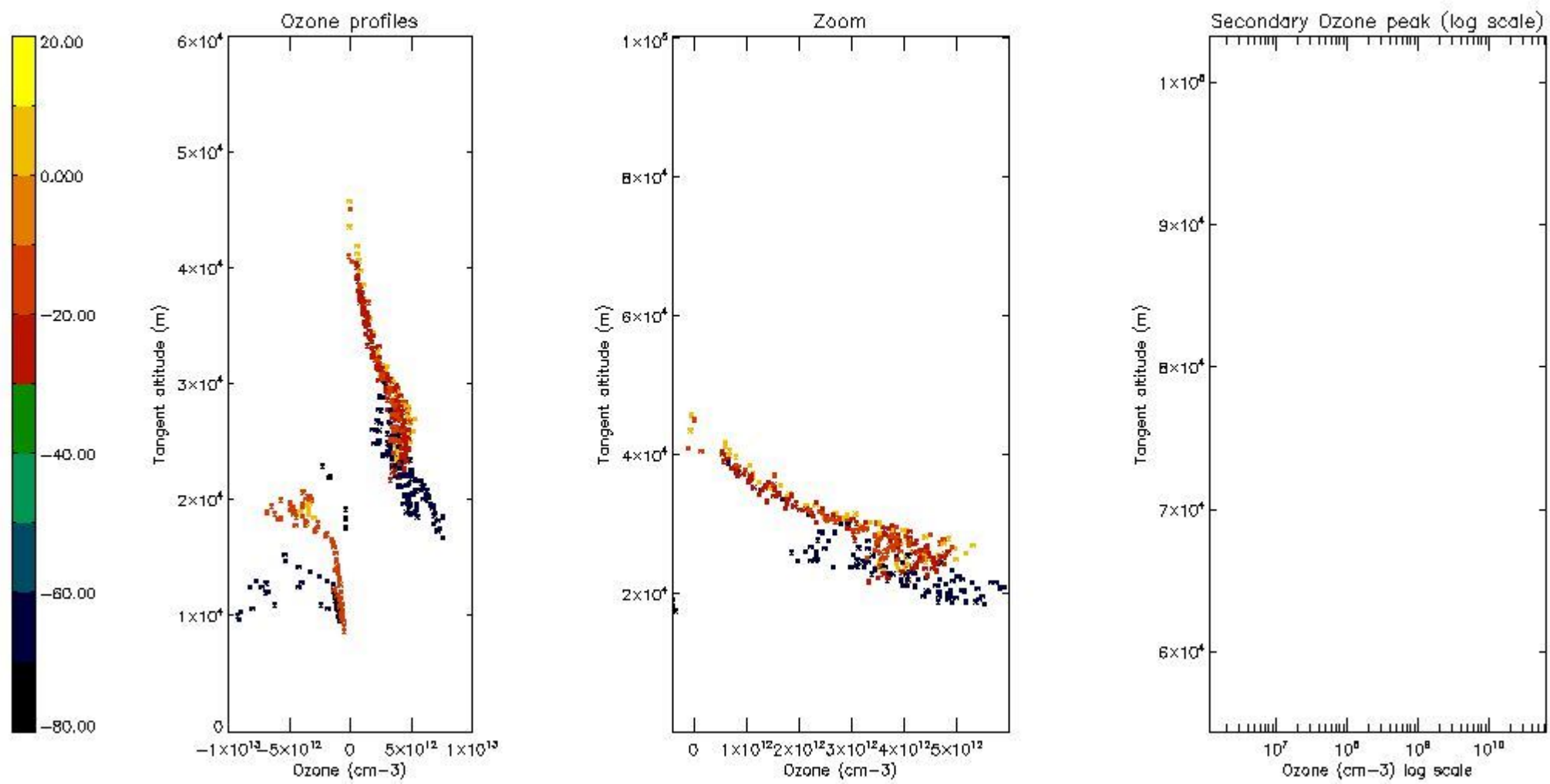
The colorbar represents the latitude.





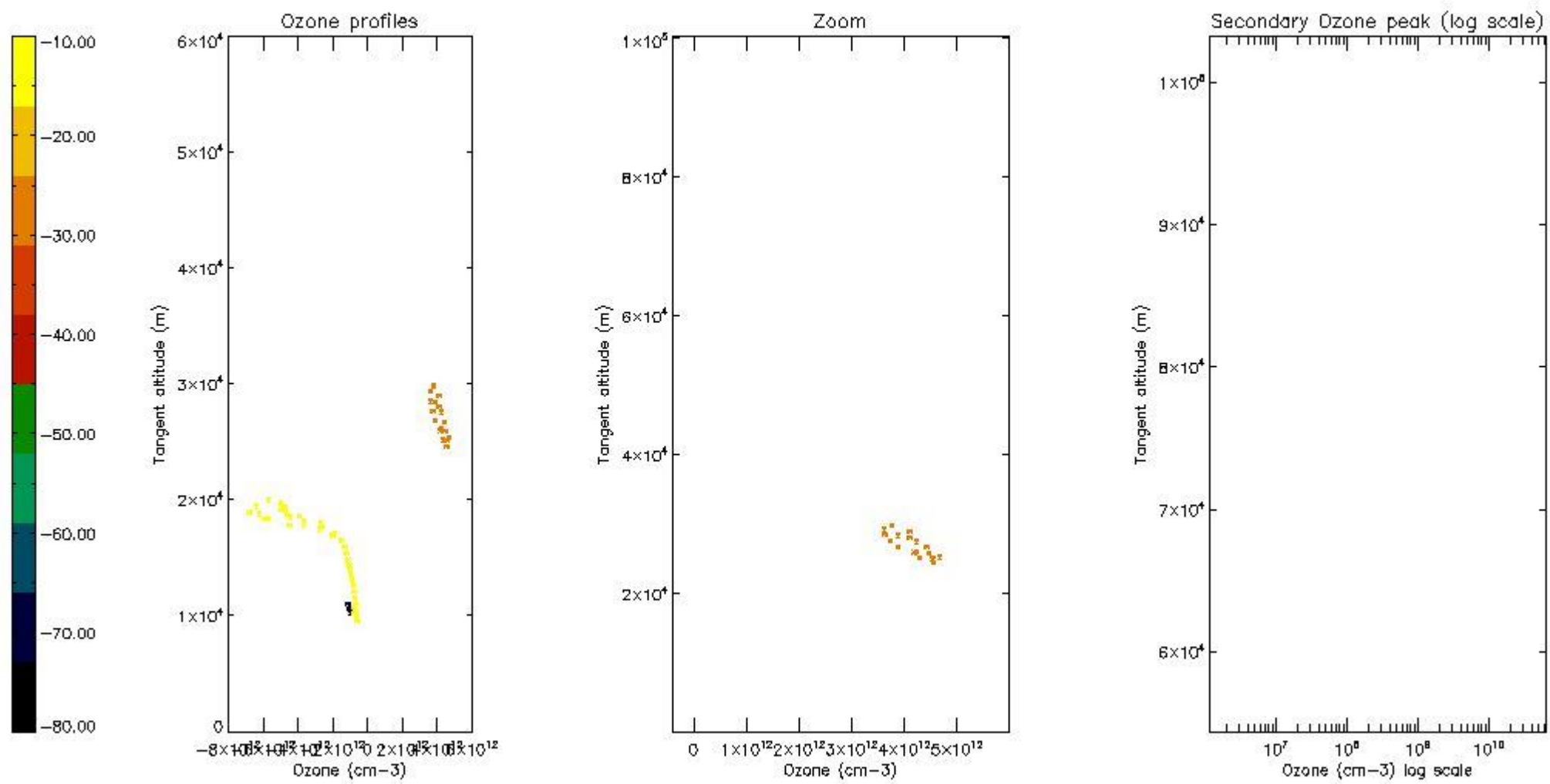
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



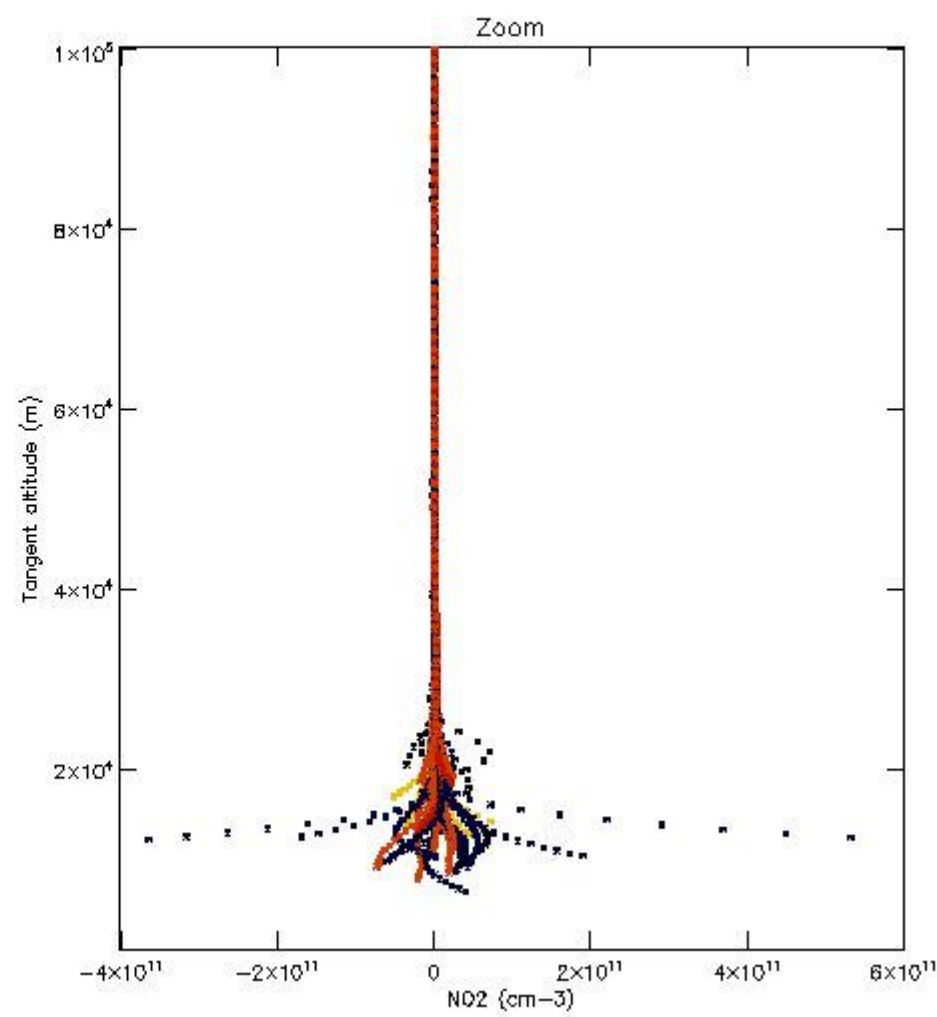
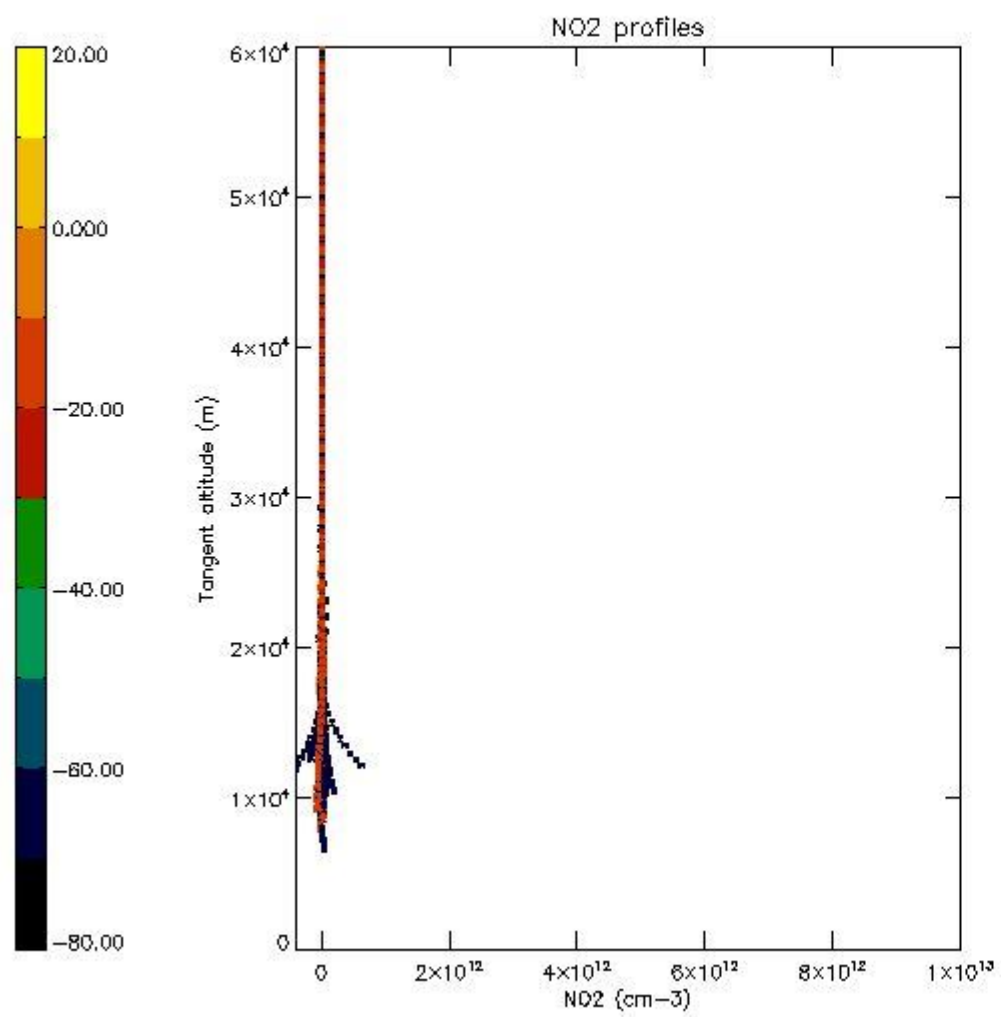
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



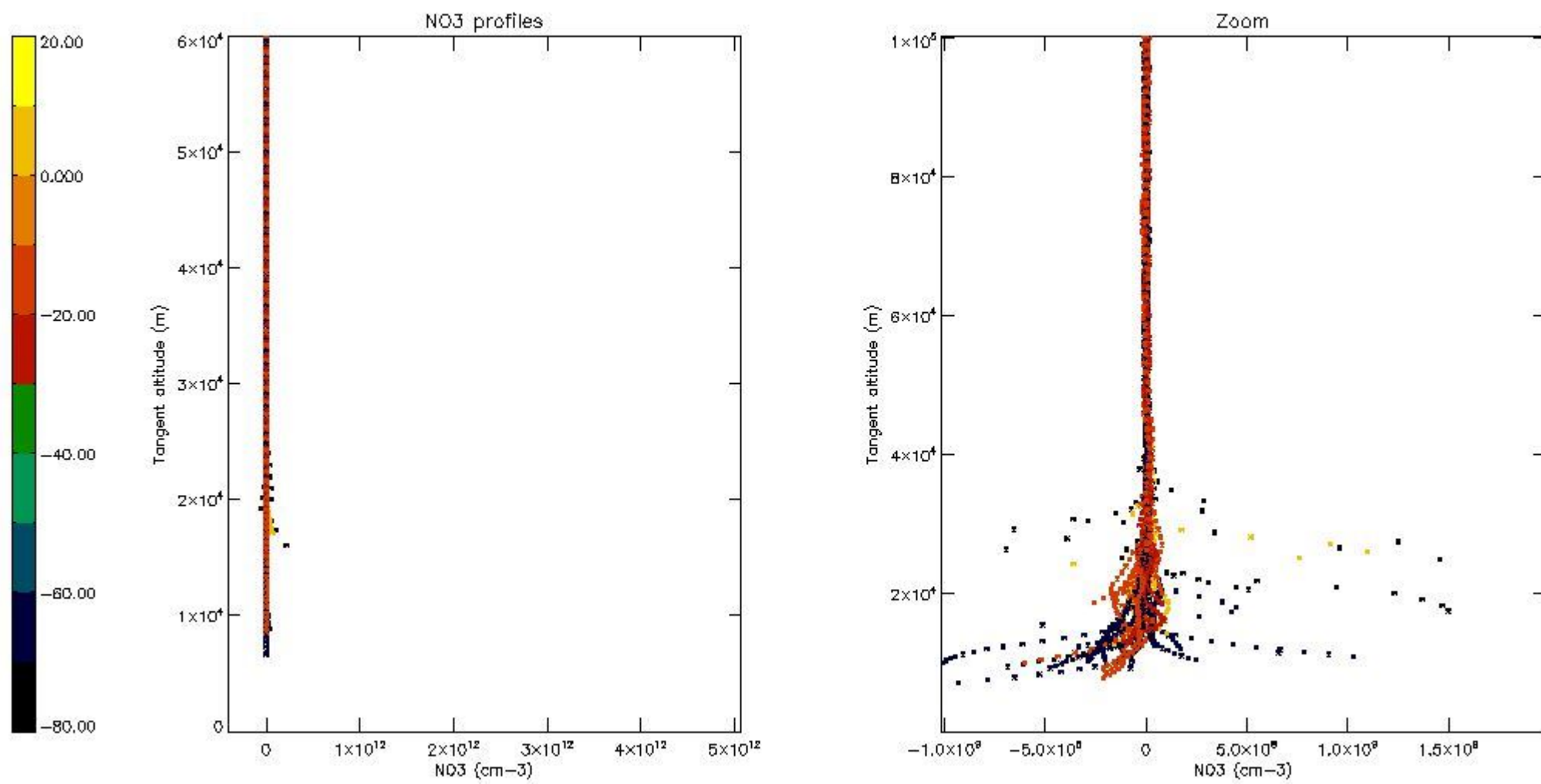
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



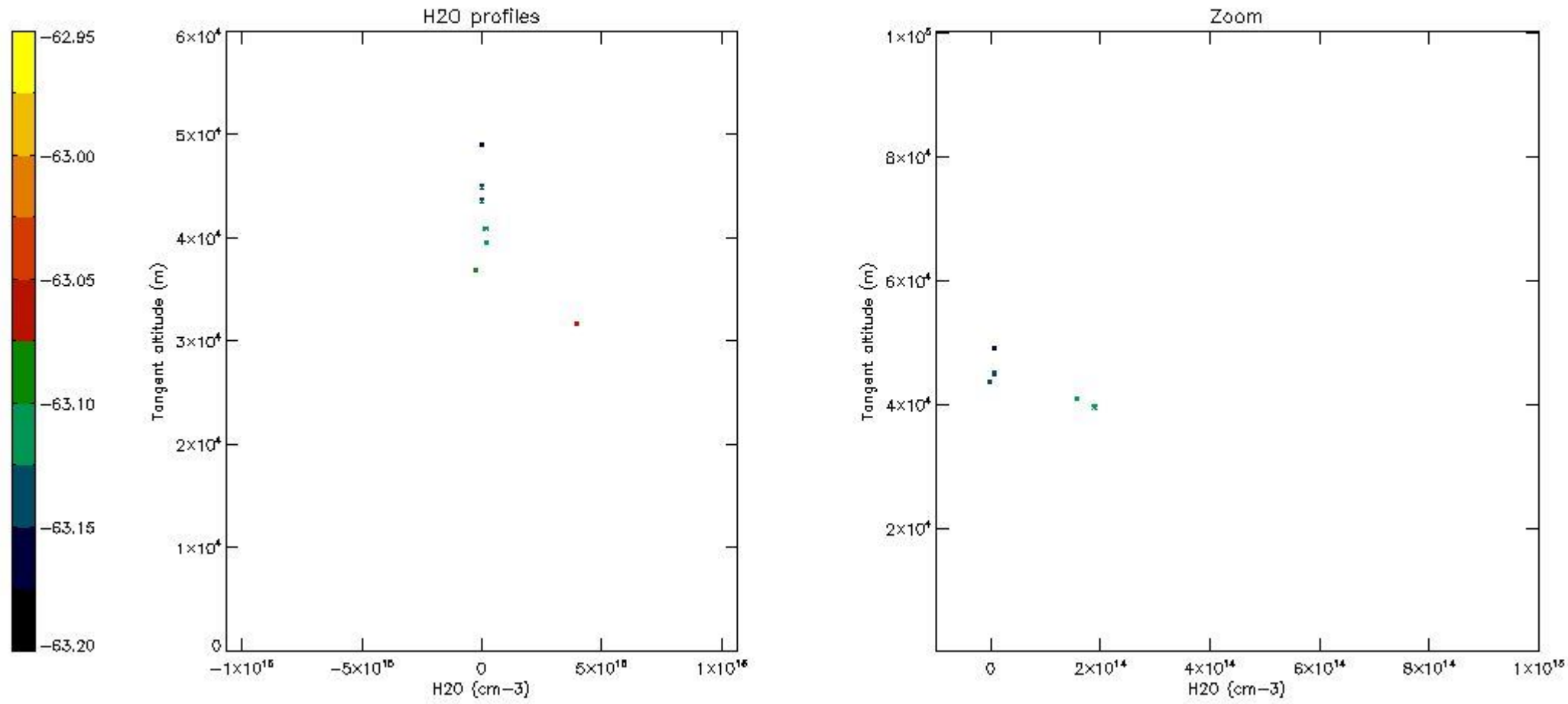
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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)

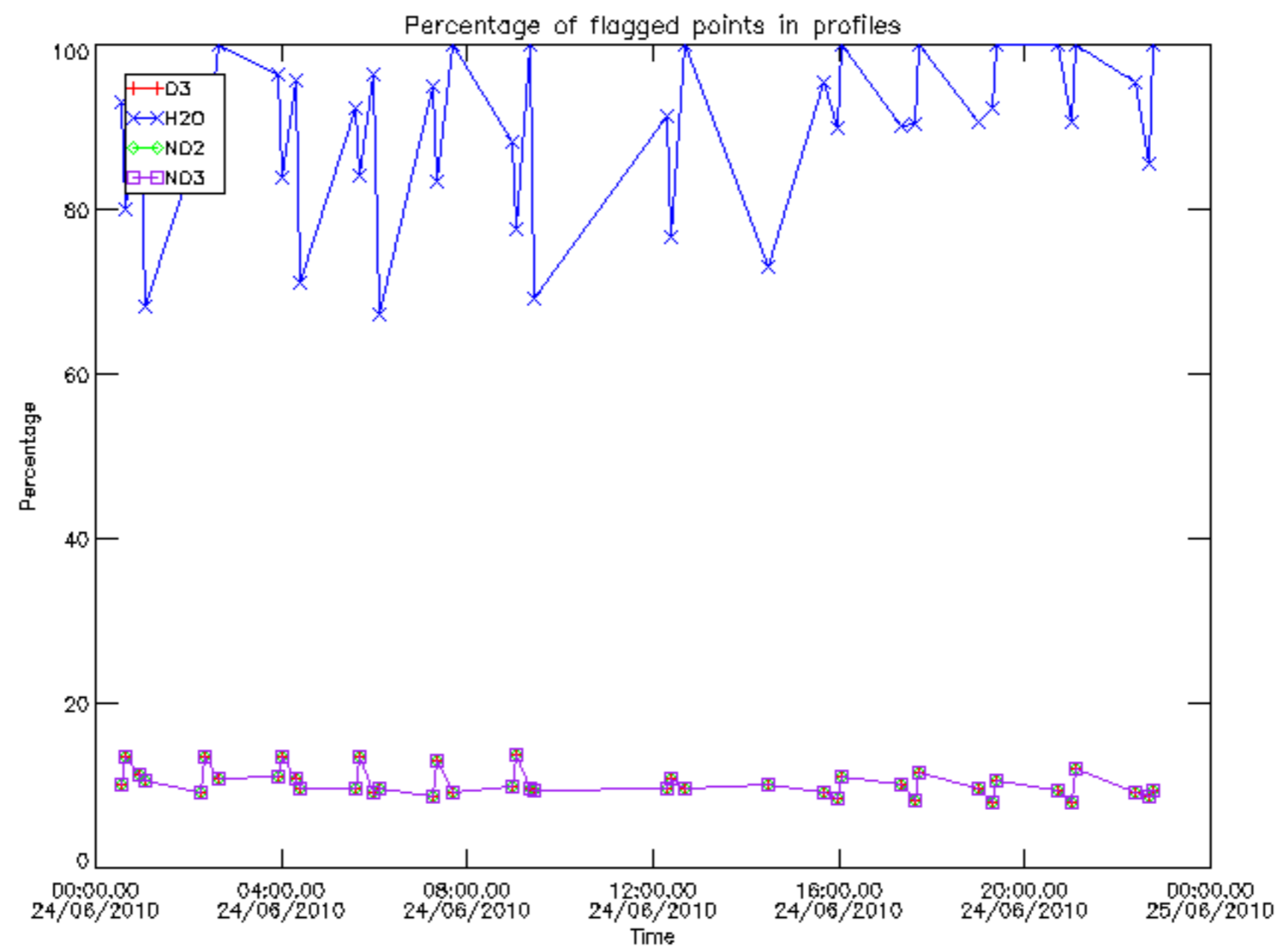
The colorbar represents the latitude.



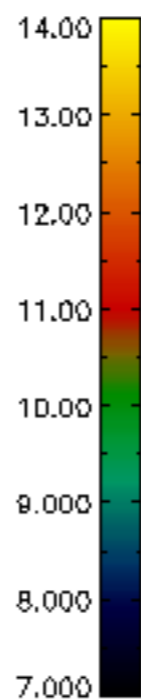
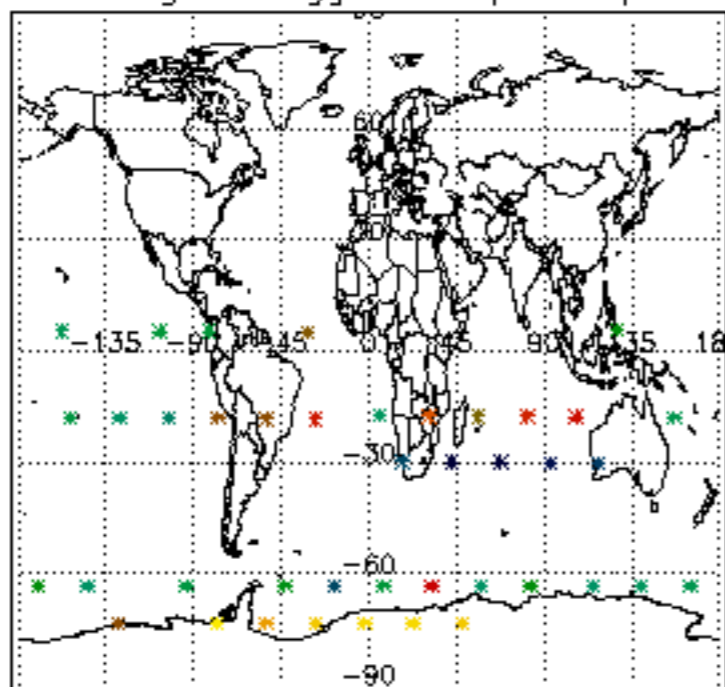
## 6. Auxiliary Data Files used for the production reported in section 2

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.

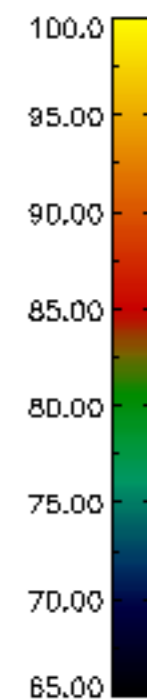
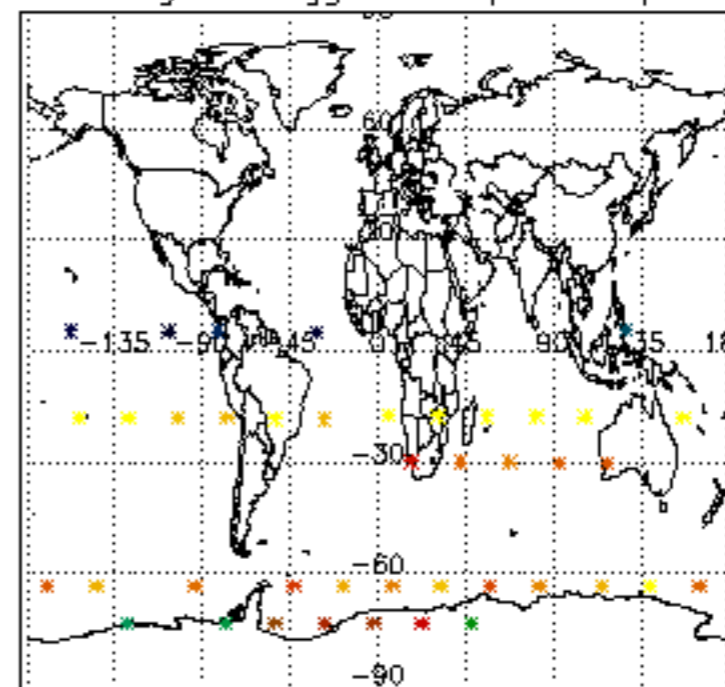
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	24-JUN-2010 00:02:07
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	24-JUN-2010 00:02:07
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	24-JUN-2010 00:02:07



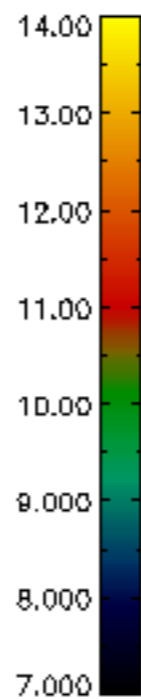
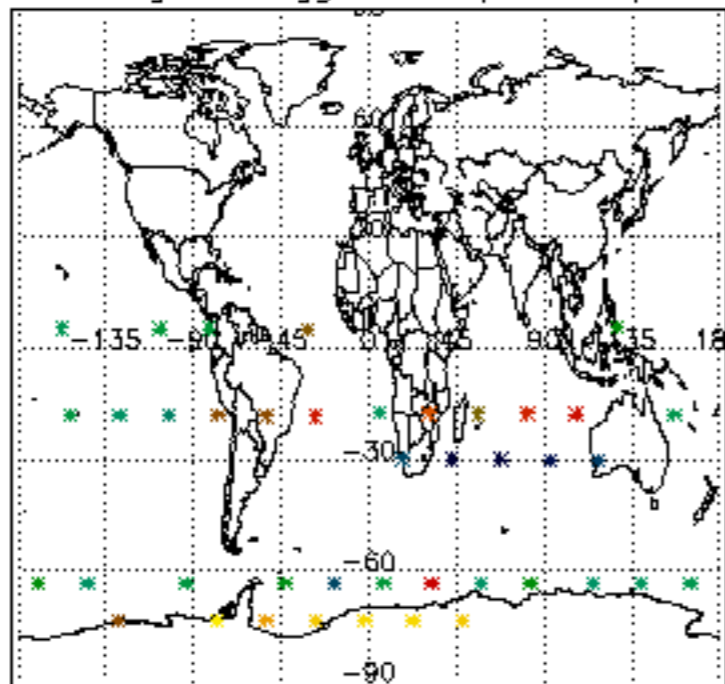
Percentage of flagged data per D3 profile



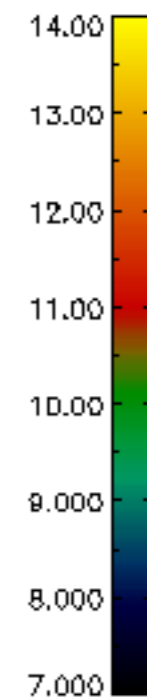
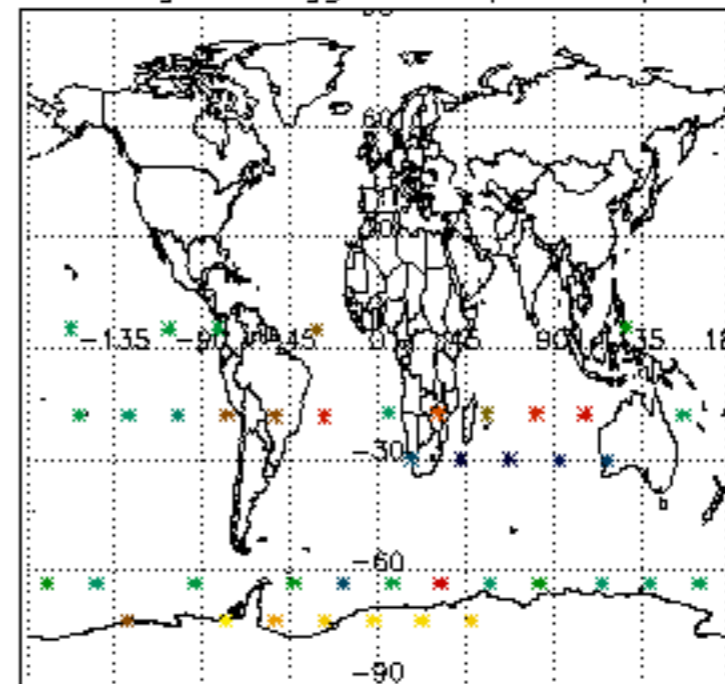
Percentage of flagged data per H2O profile



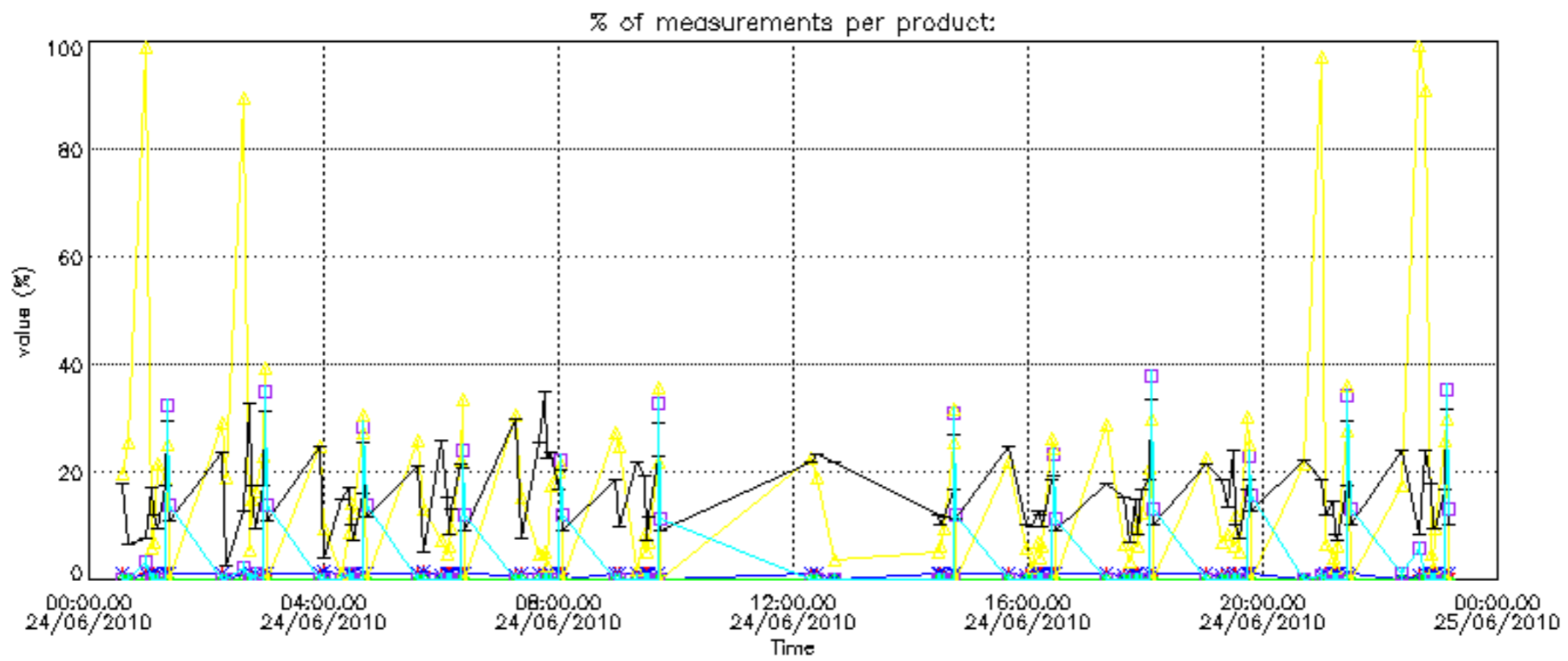
Percentage of flagged data per NO2 profile

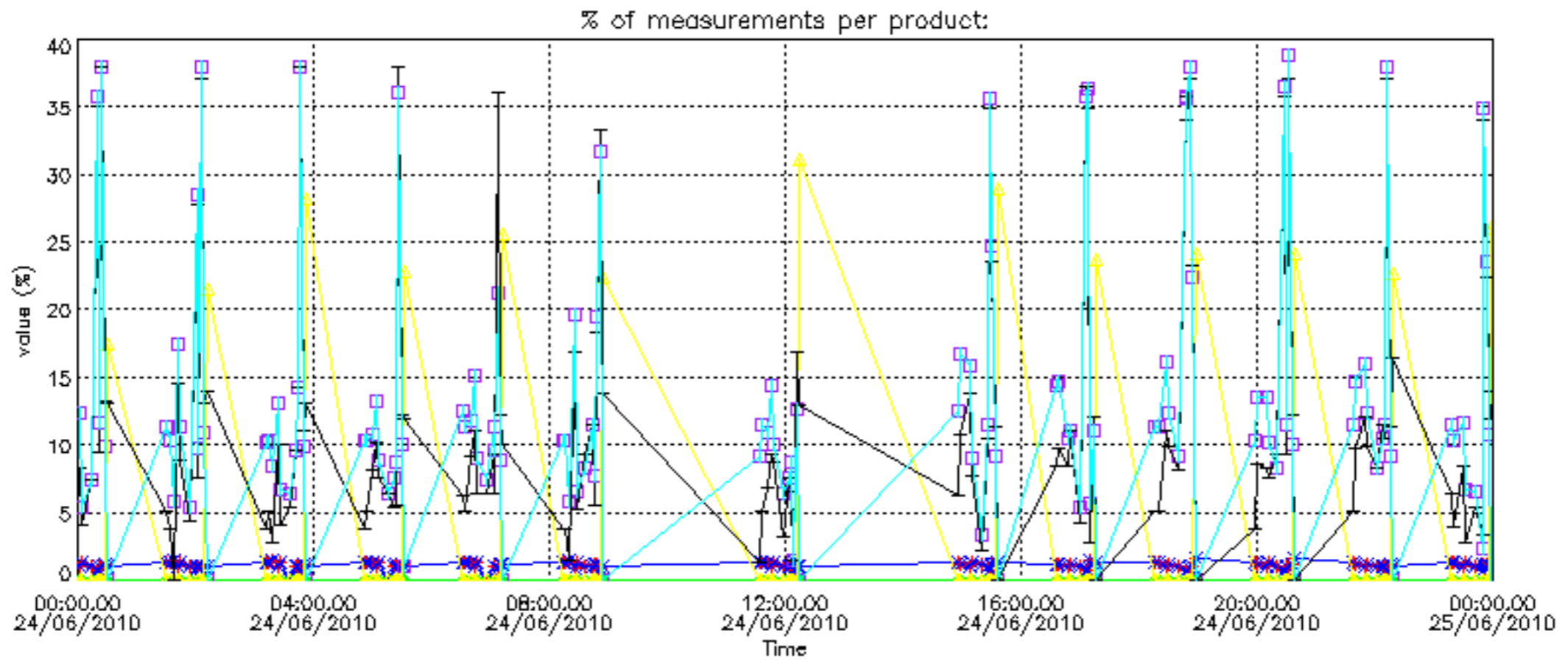


Percentage of flagged data per NO3 profile

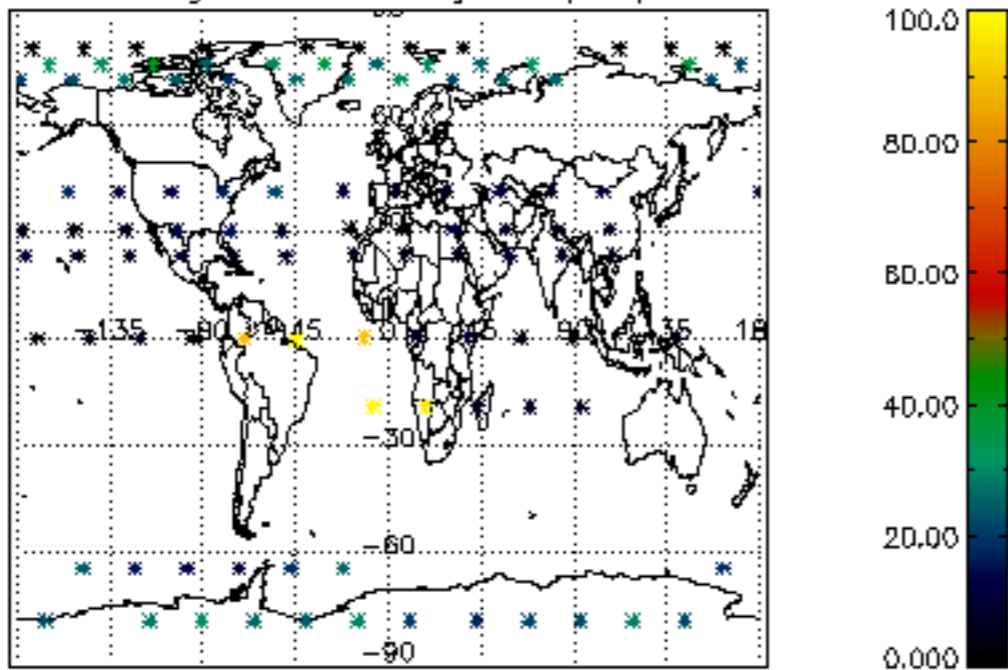




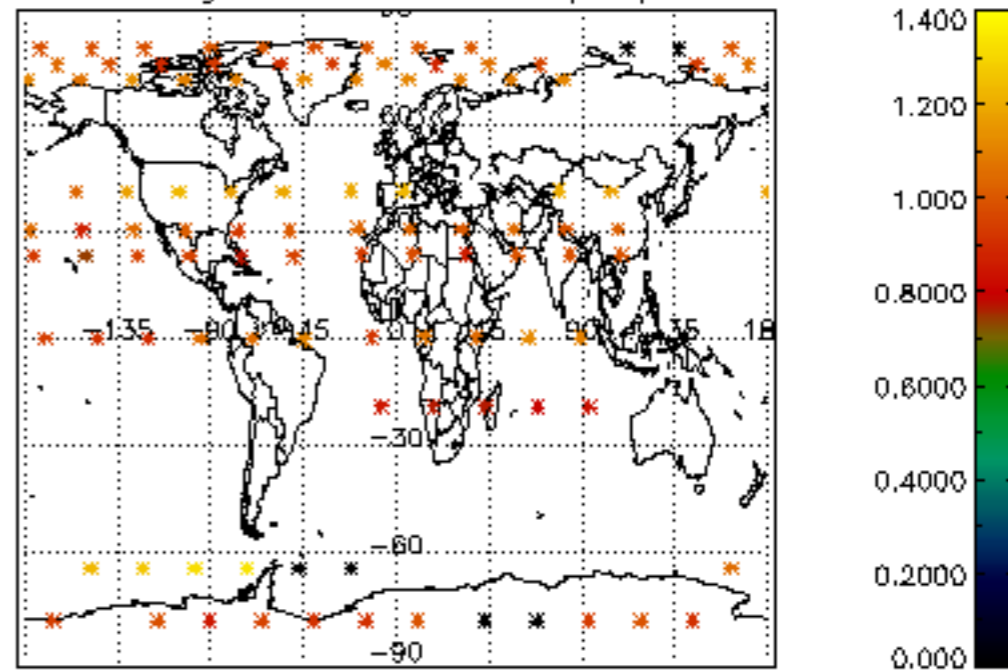




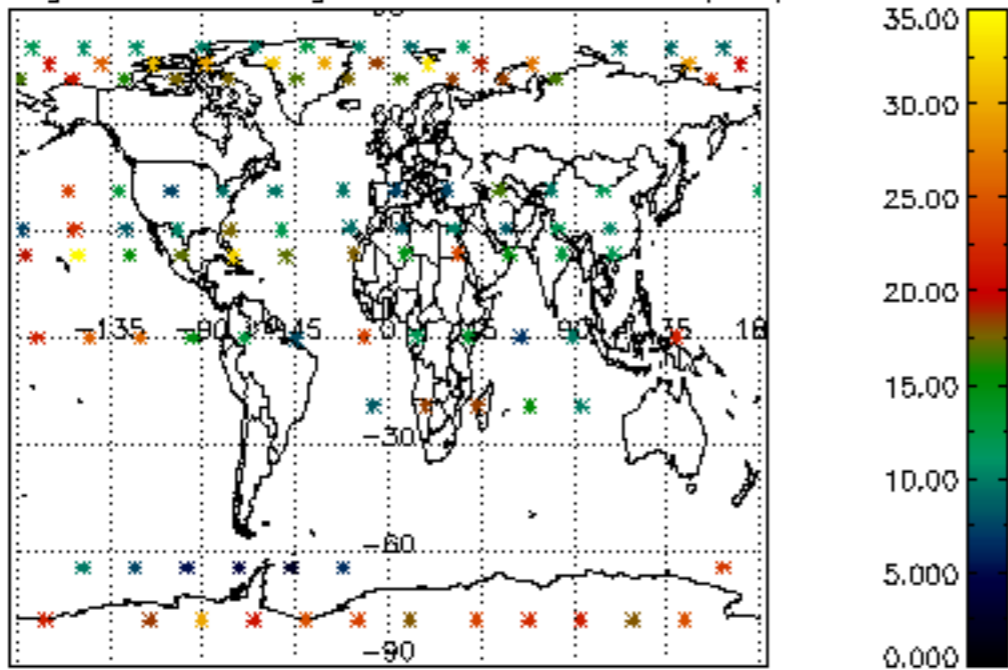
Percentage of cosmic ray hits per profile



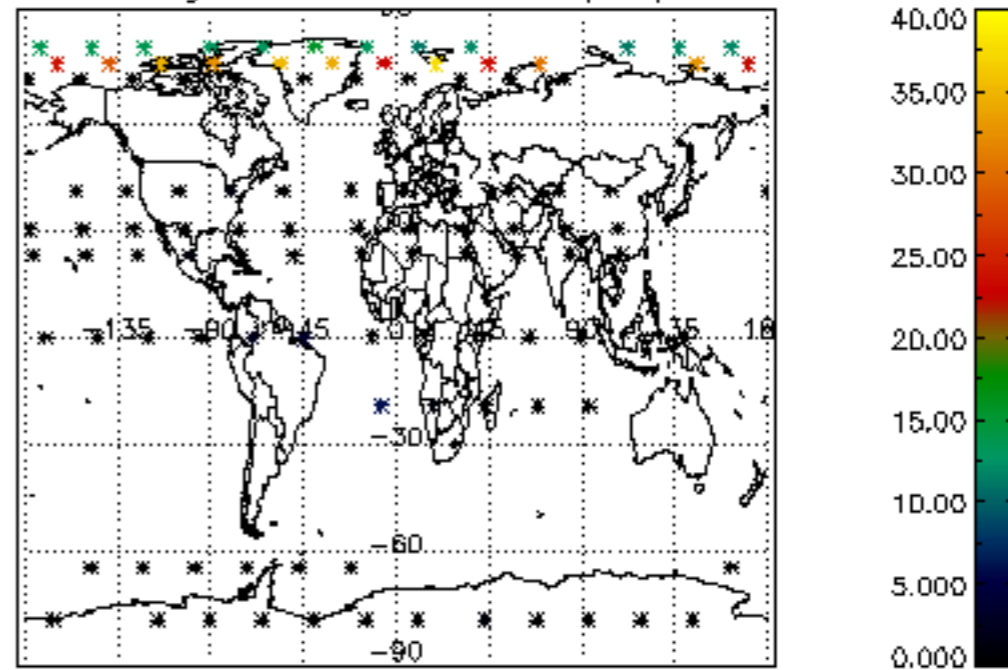
Percentage of datation errors per profile



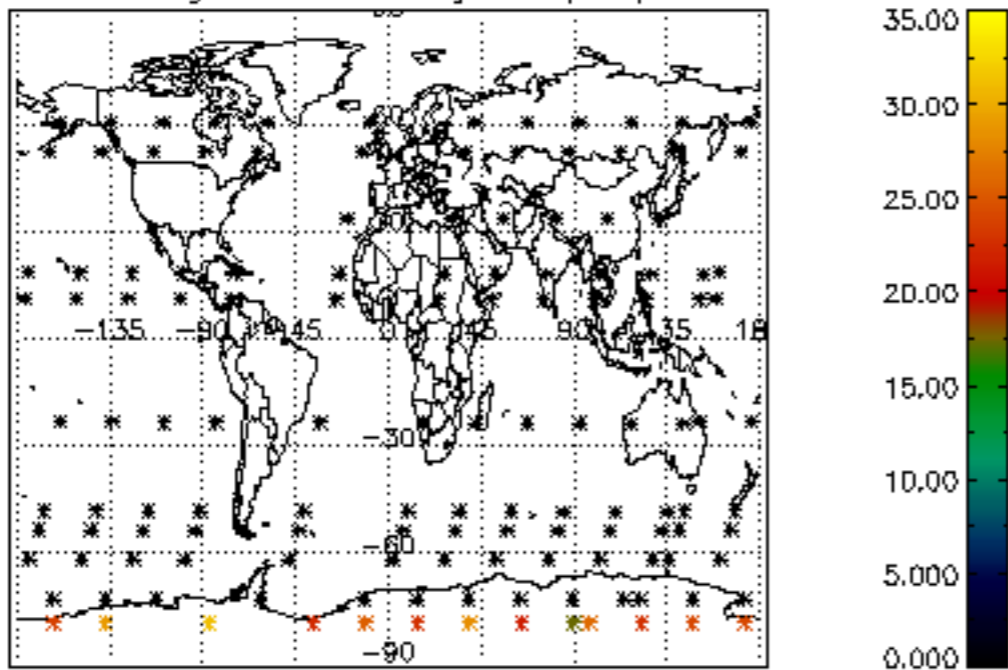
Percentage of star falling outside central band per profile



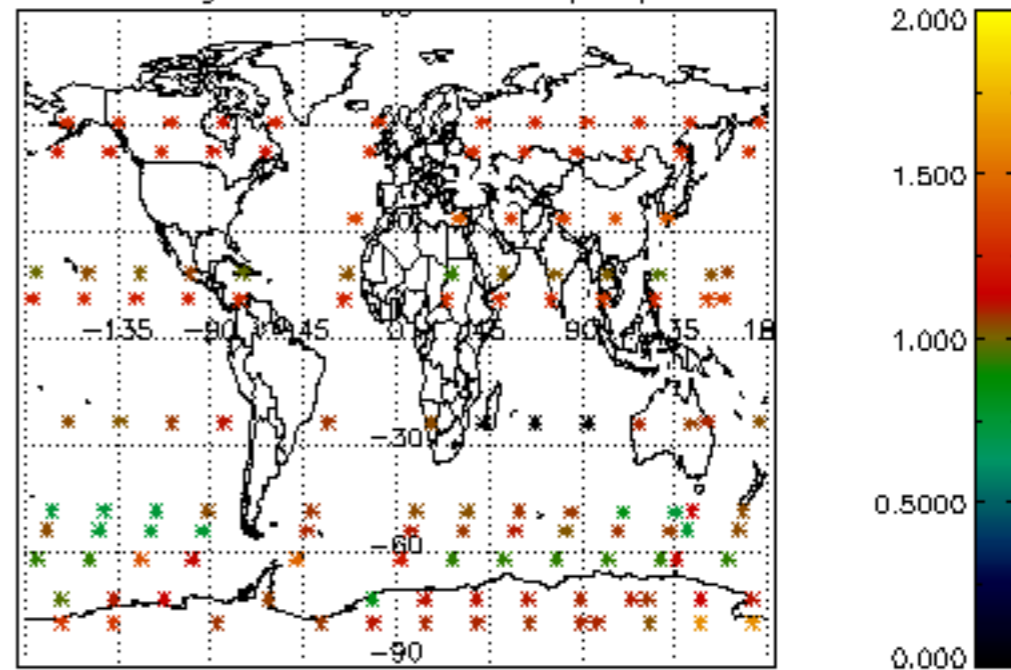
Percentage of saturation errors per profile



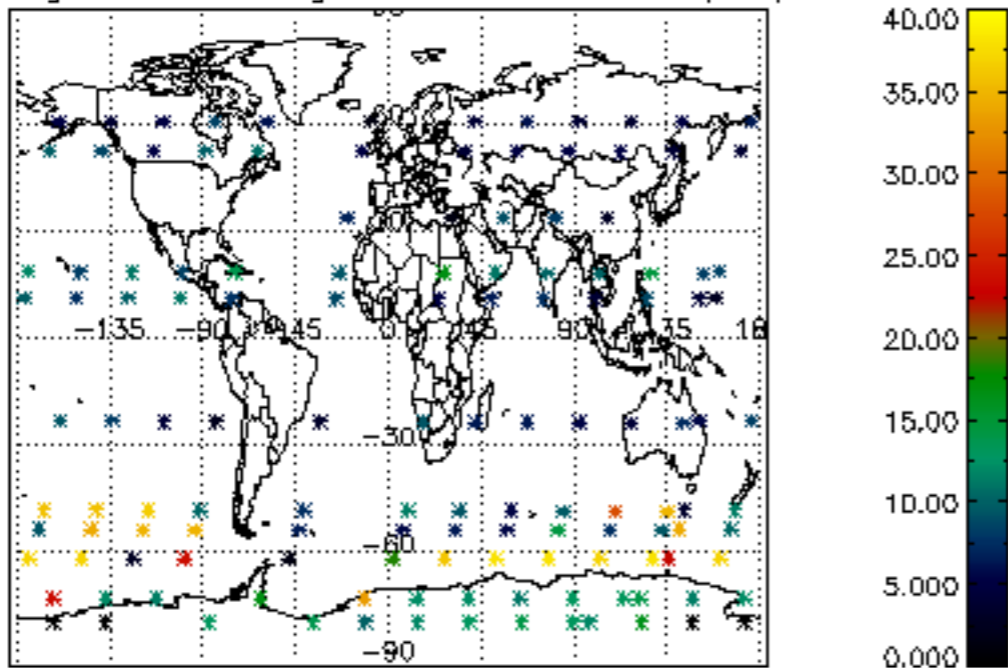
Percentage of cosmic ray hits per profile



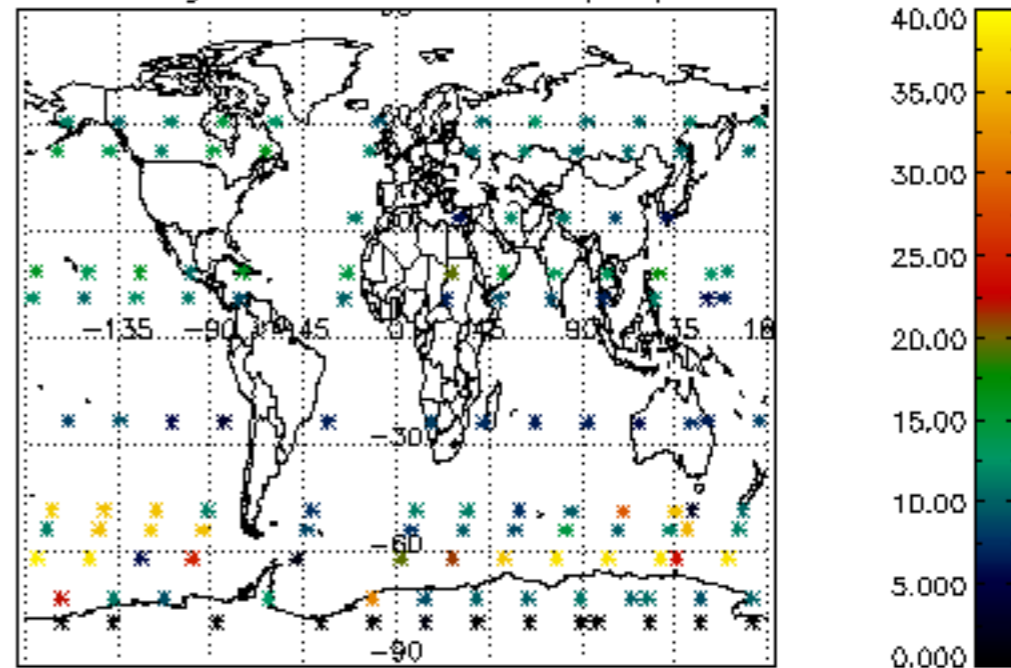
Percentage of datation errors per profile

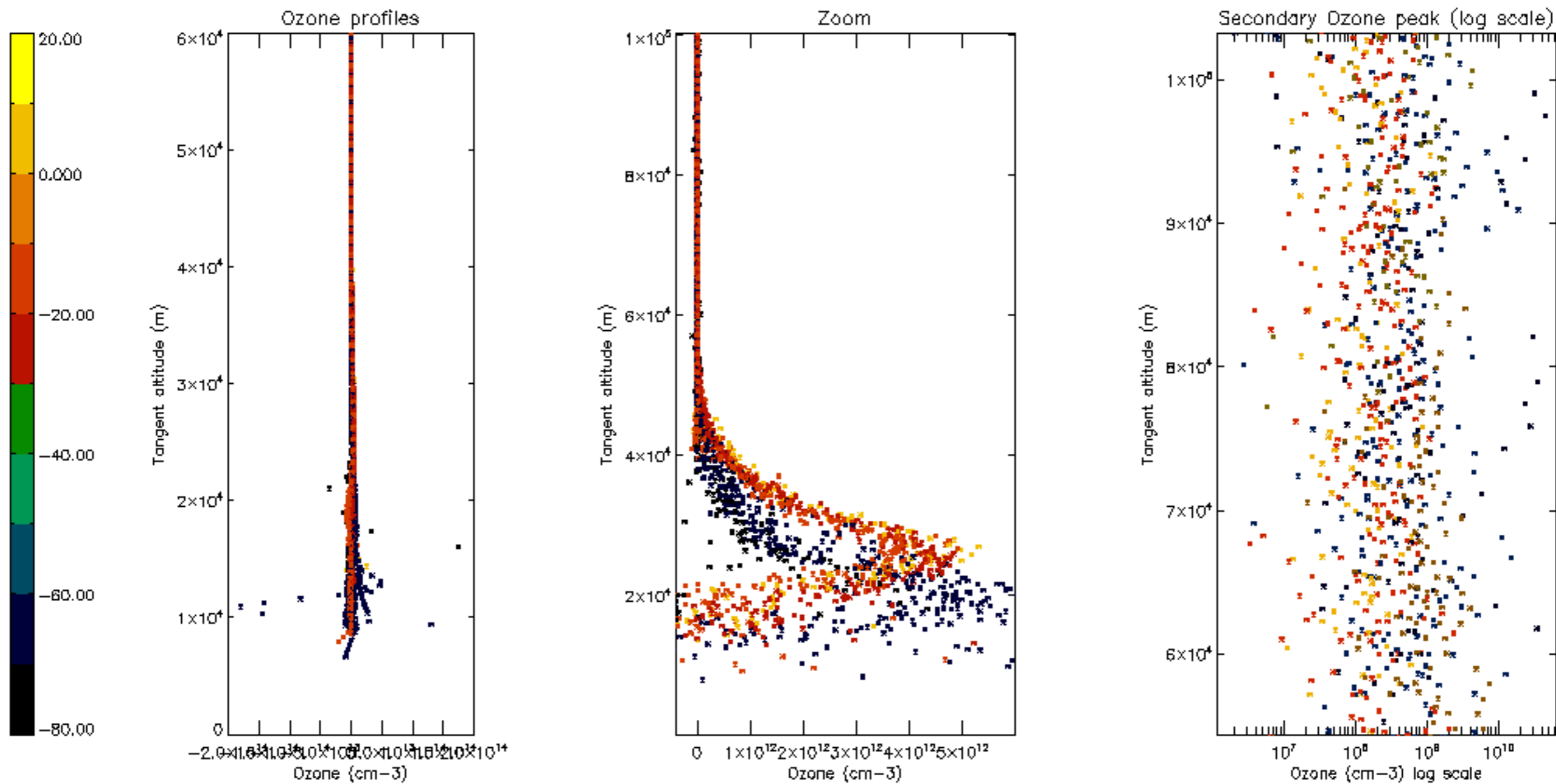


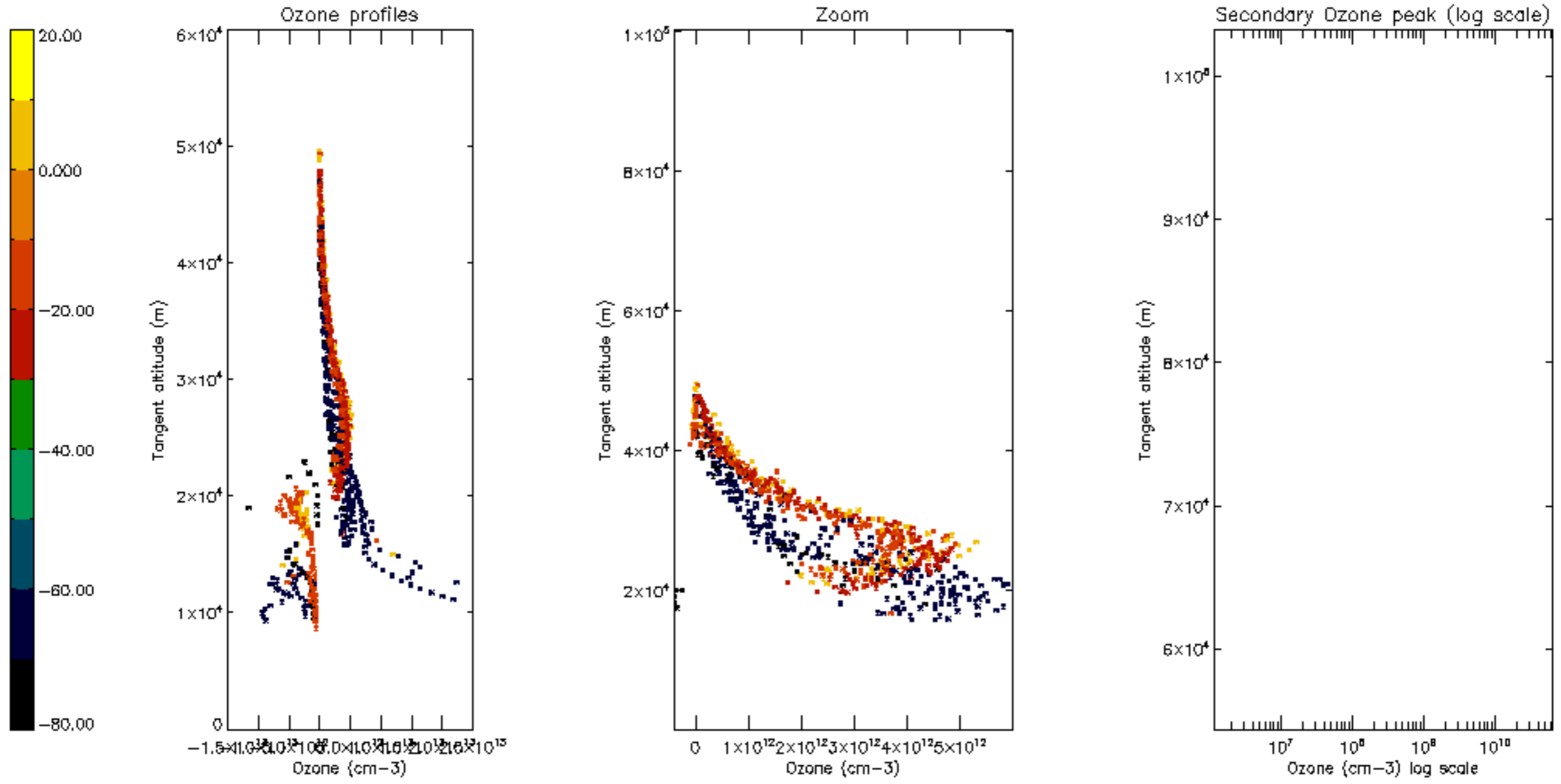
Percentage of star falling outside central band per profile

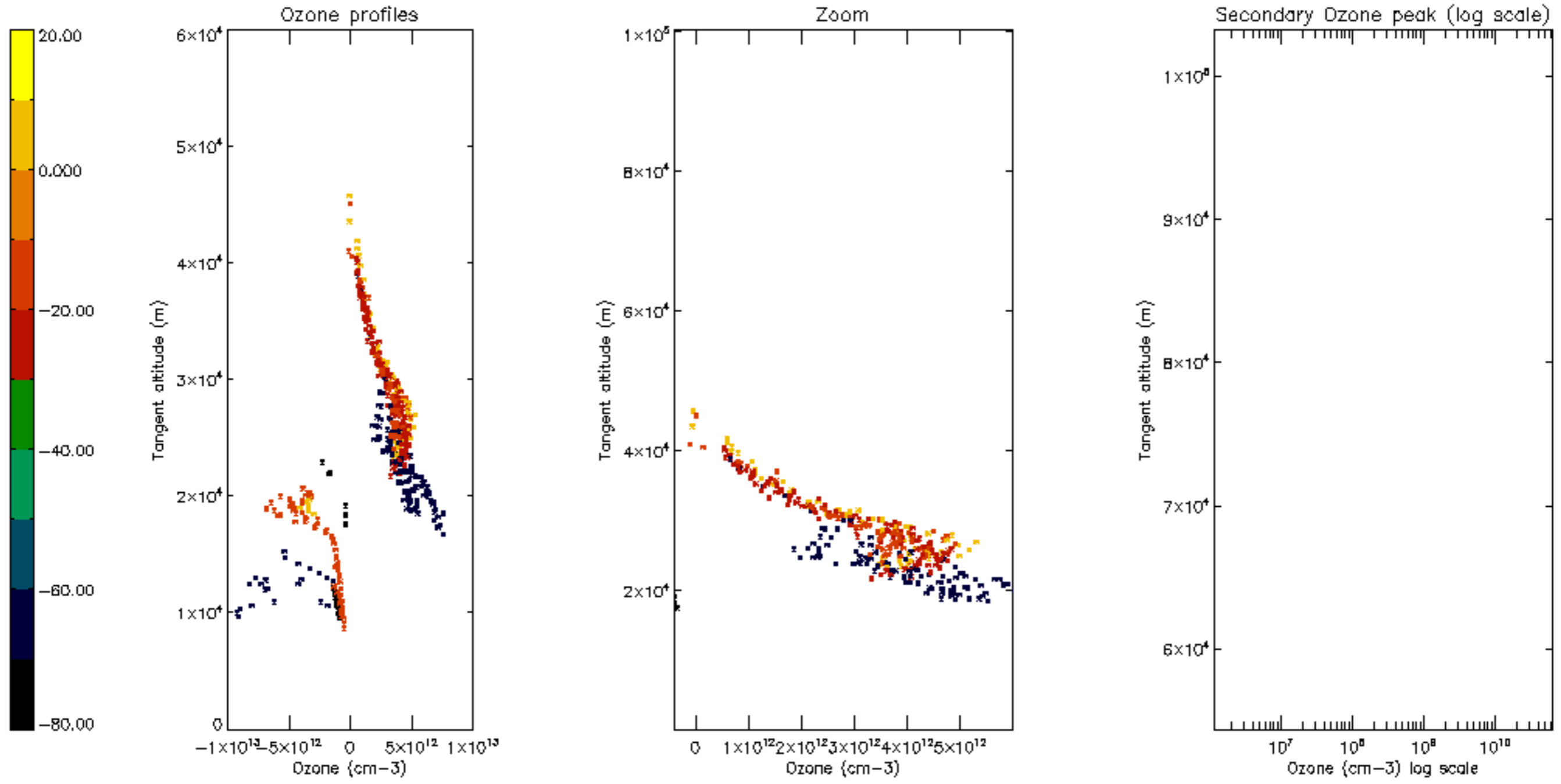


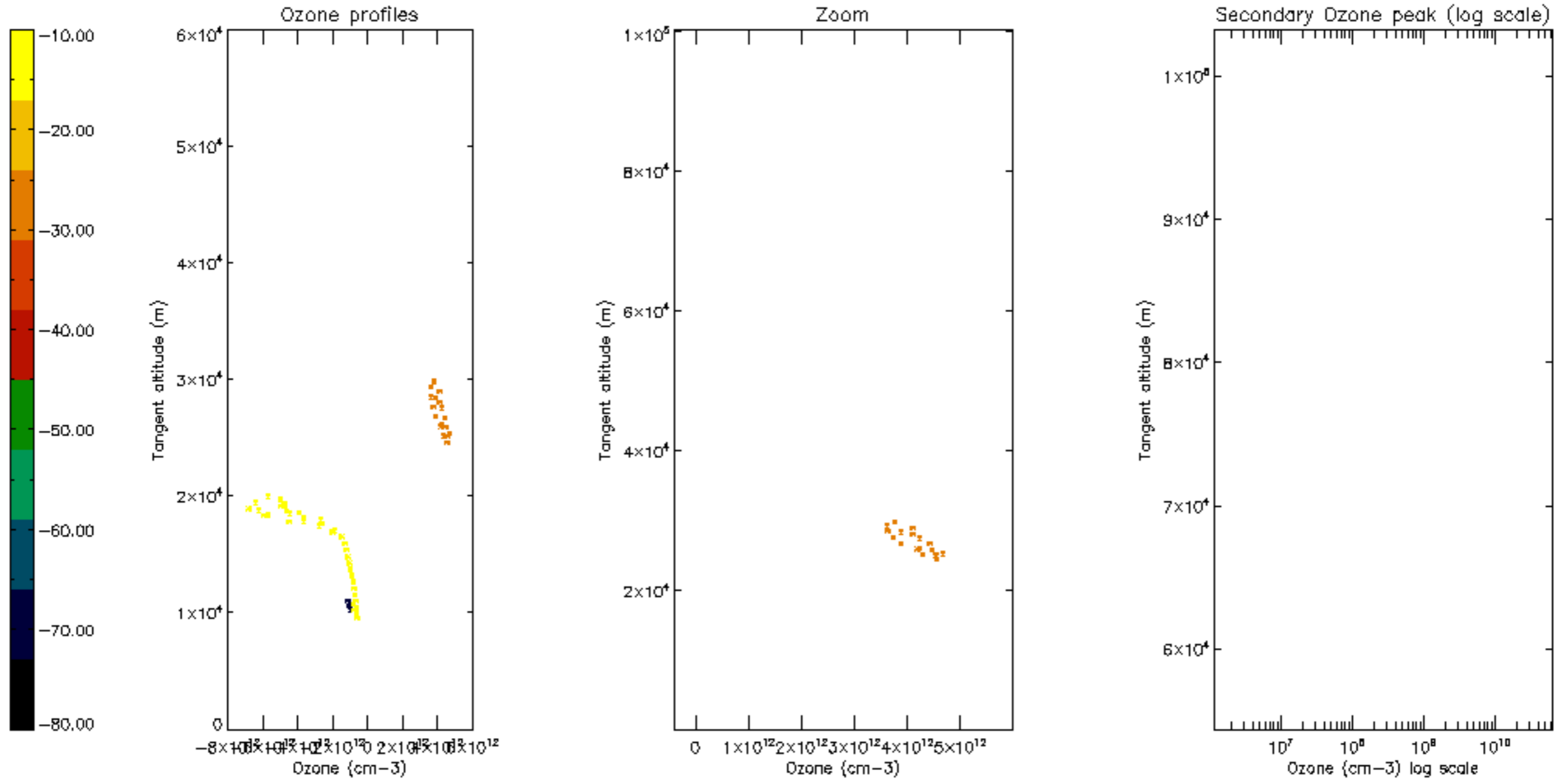
Percentage of saturation errors per profile



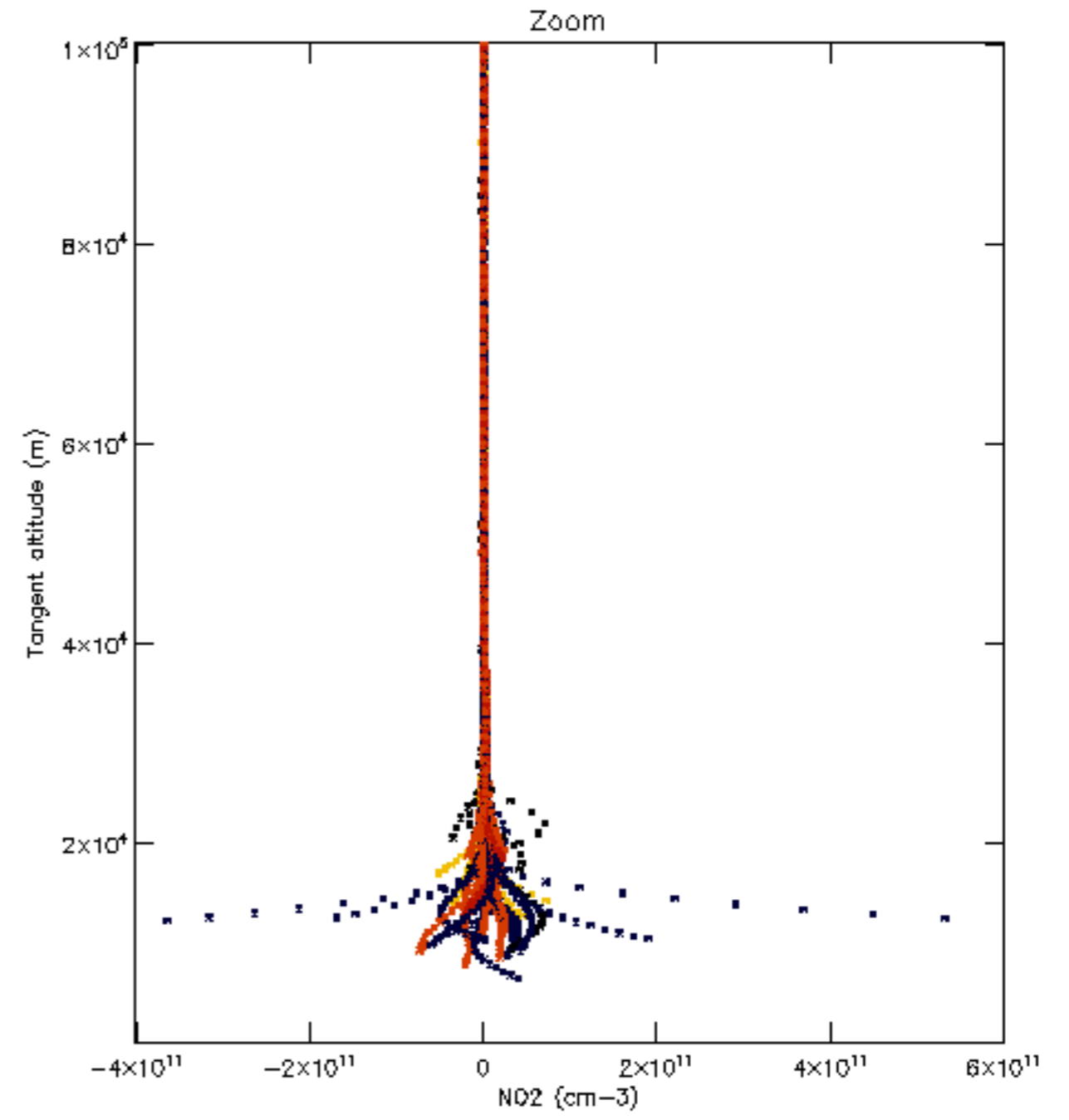
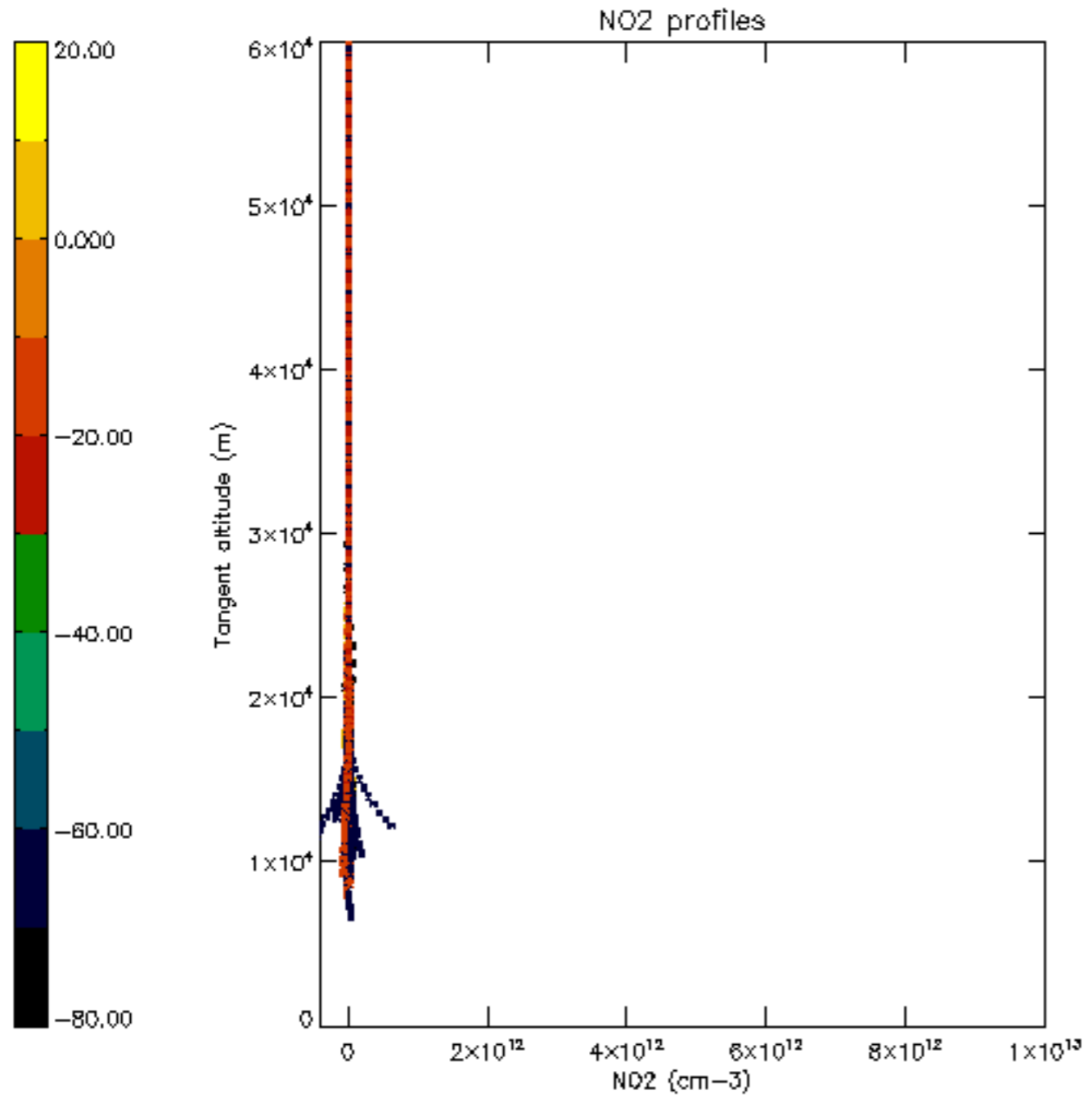


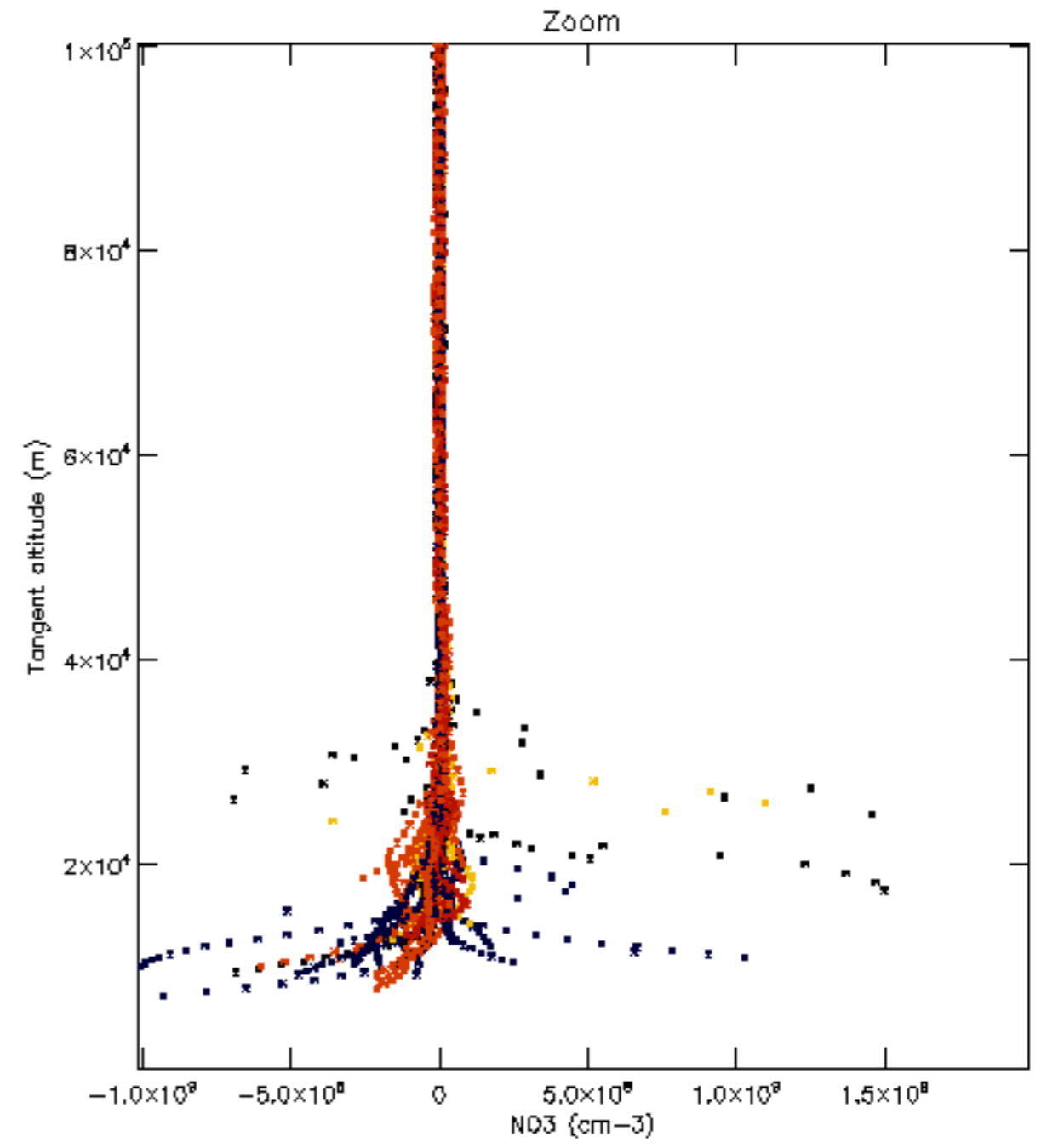
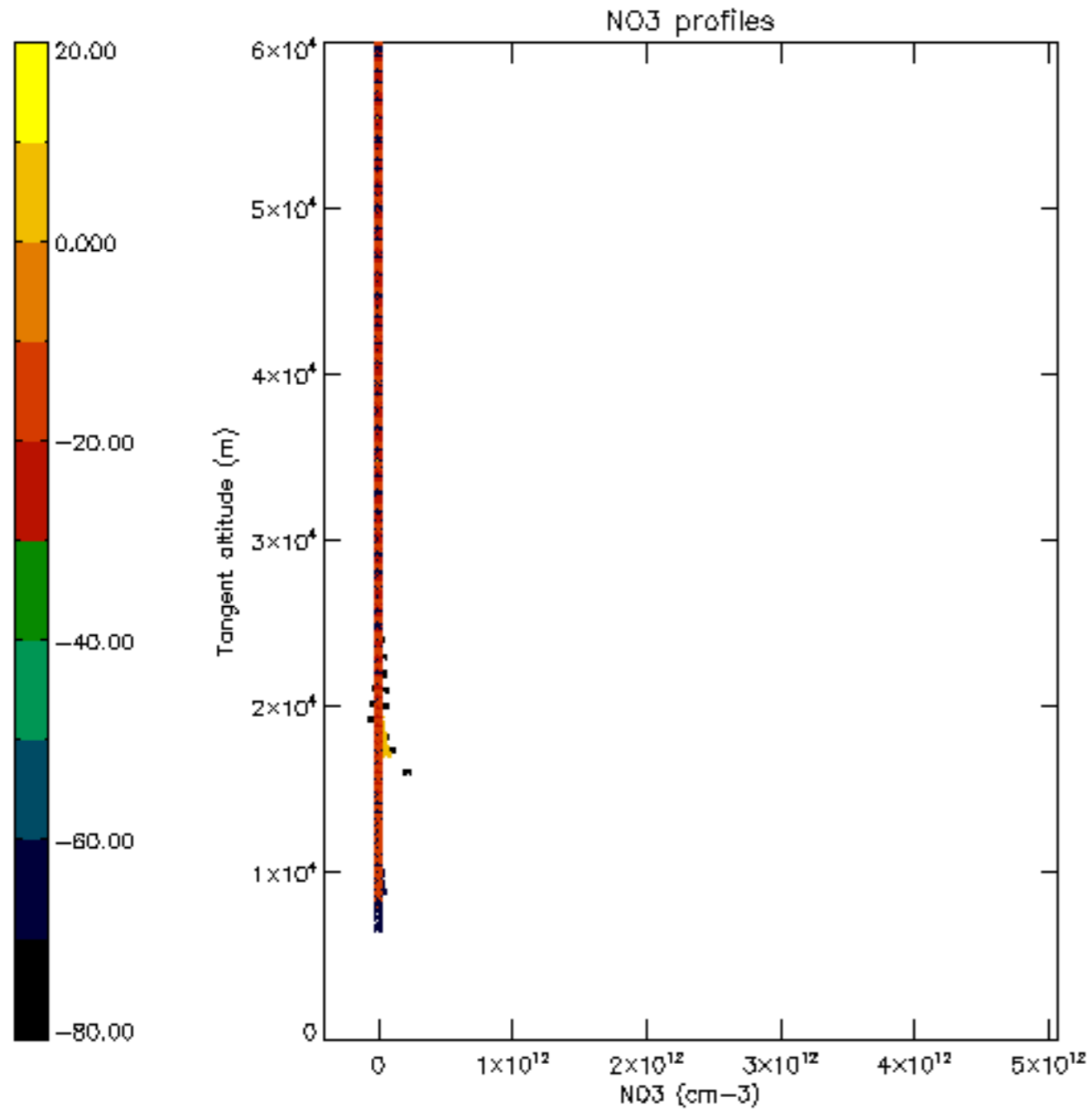


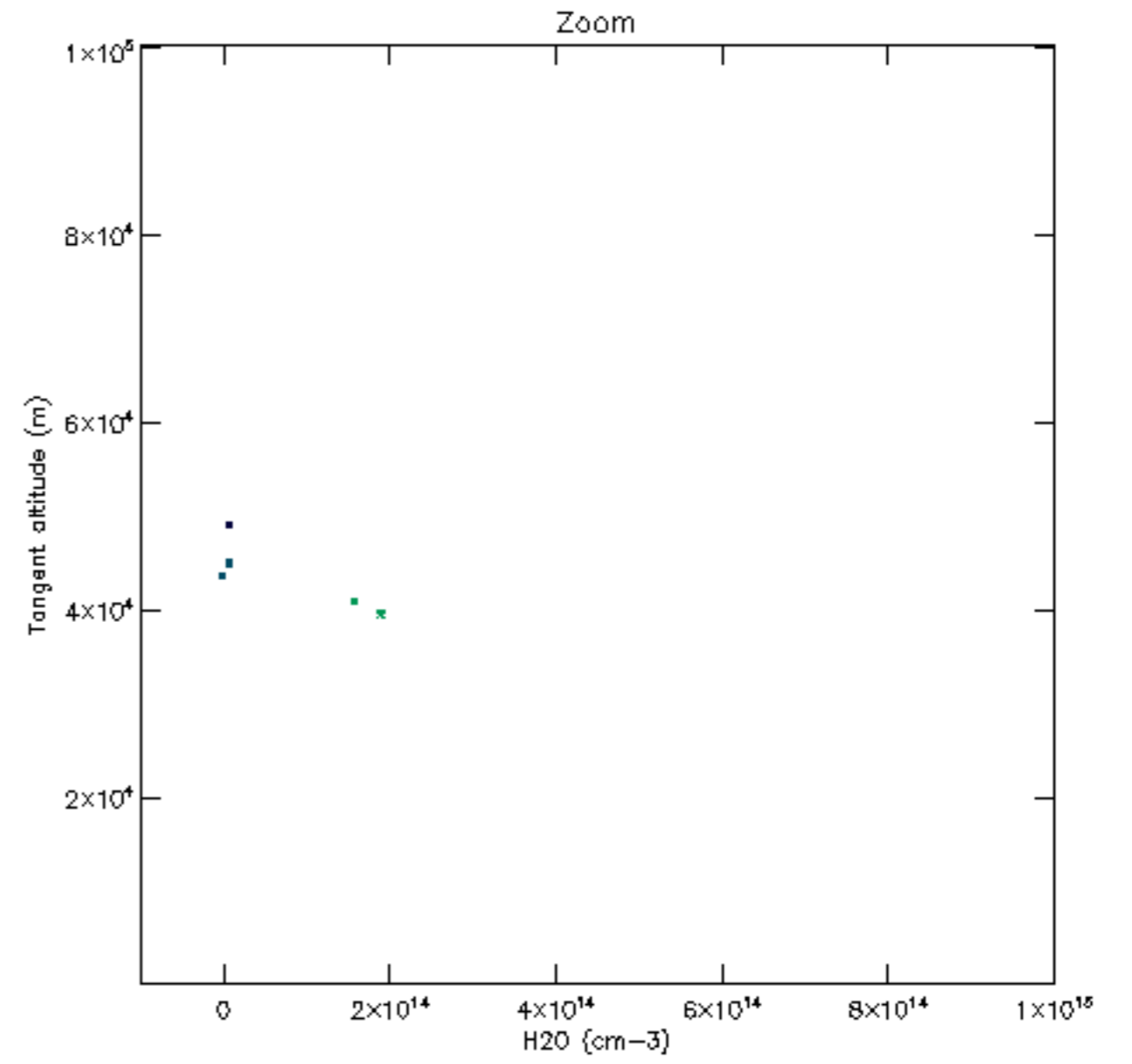
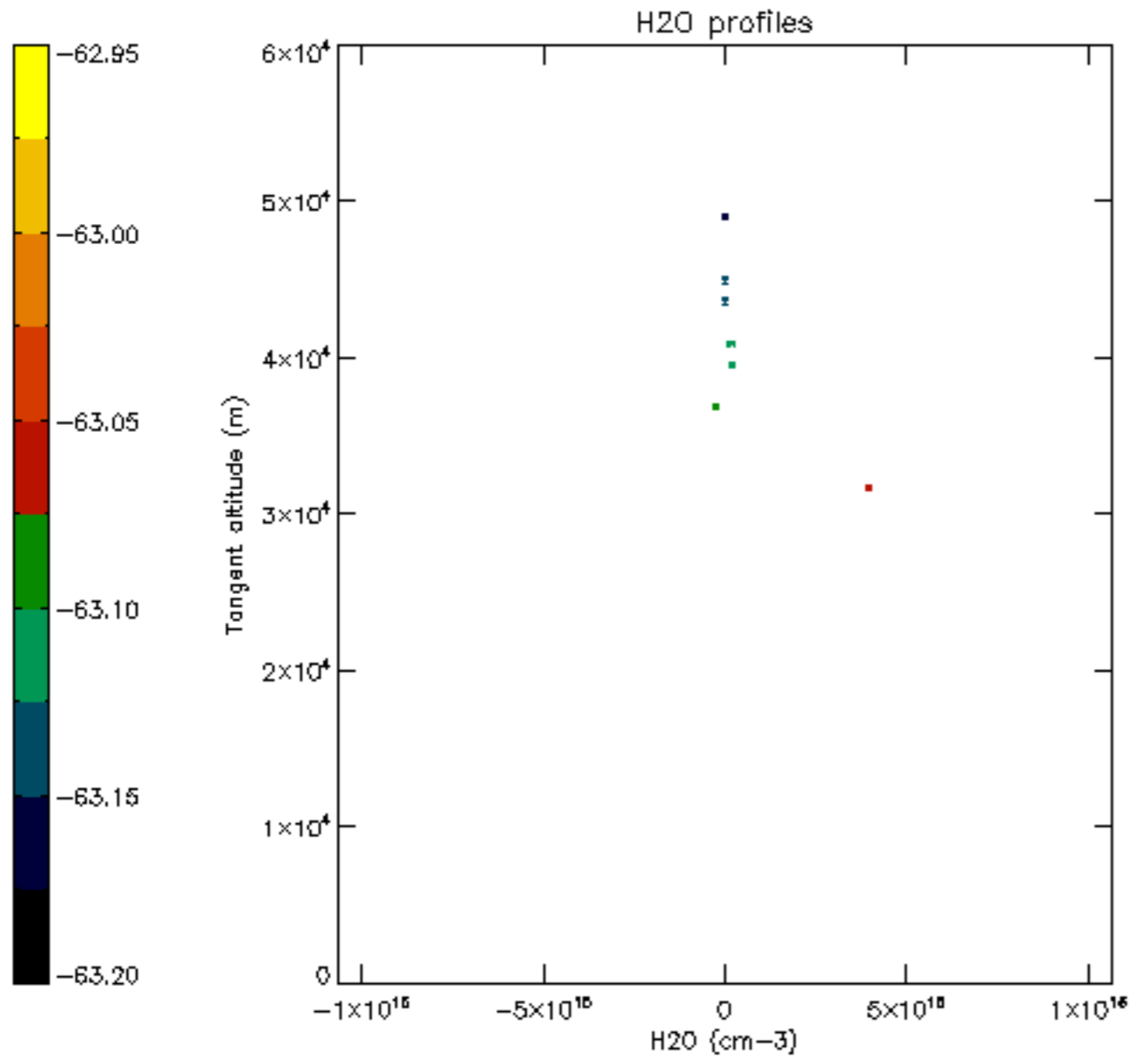


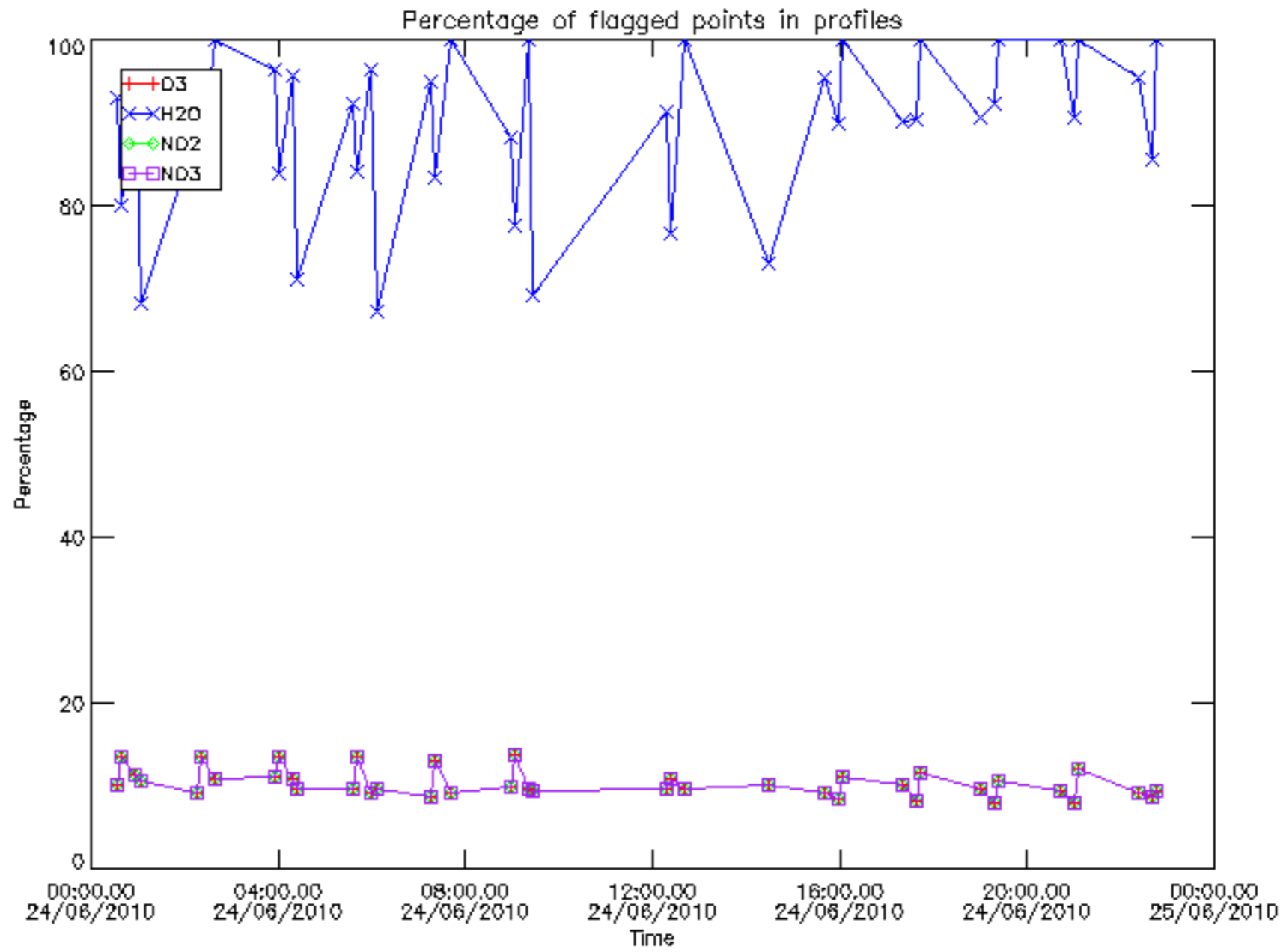




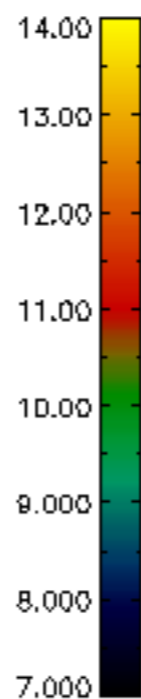
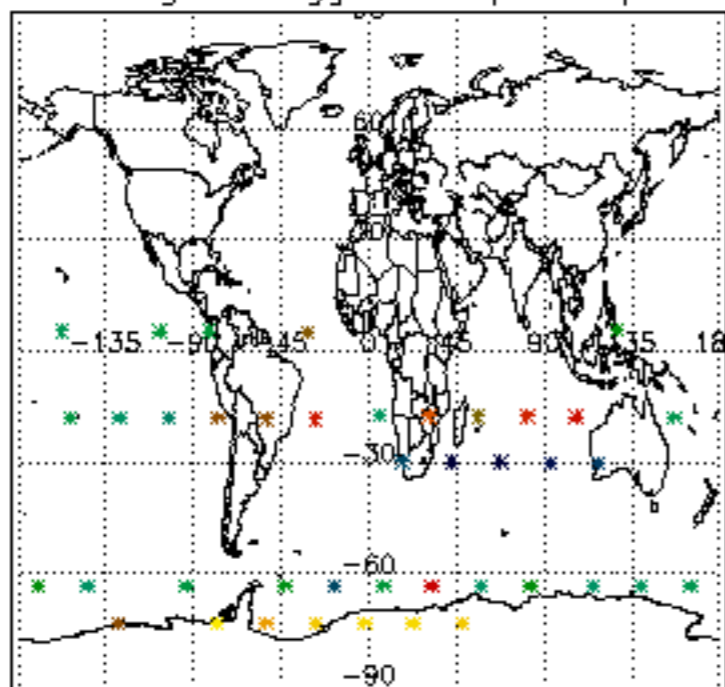




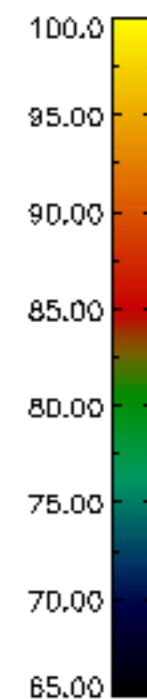
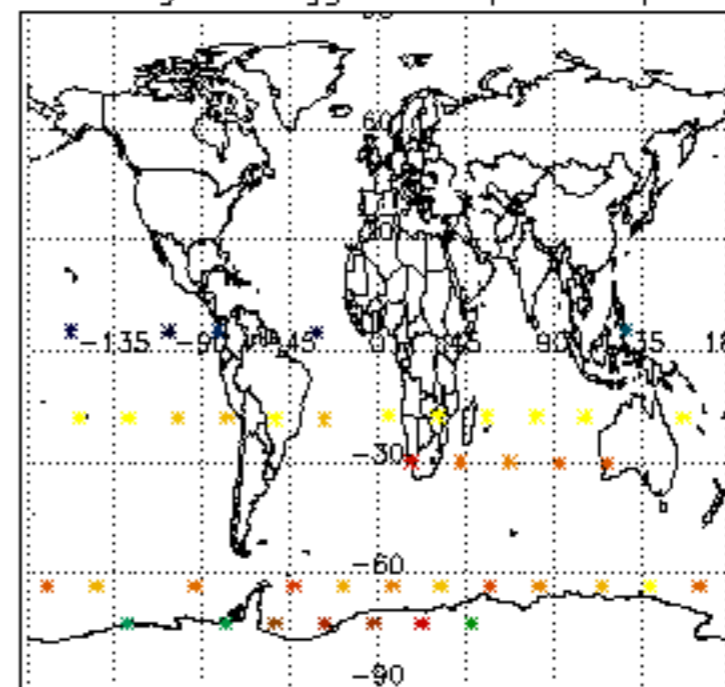




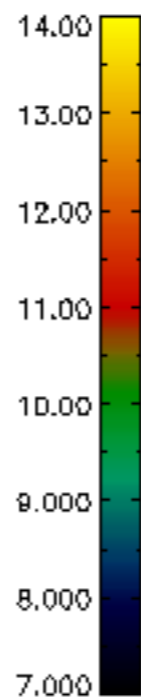
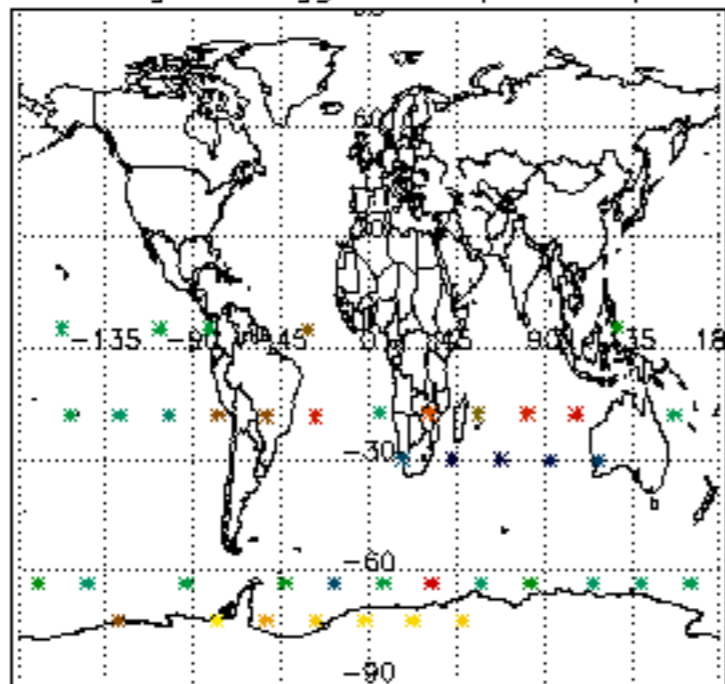
Percentage of flagged data per D3 profile



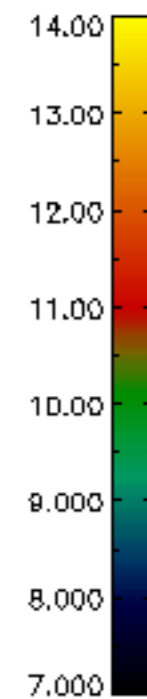
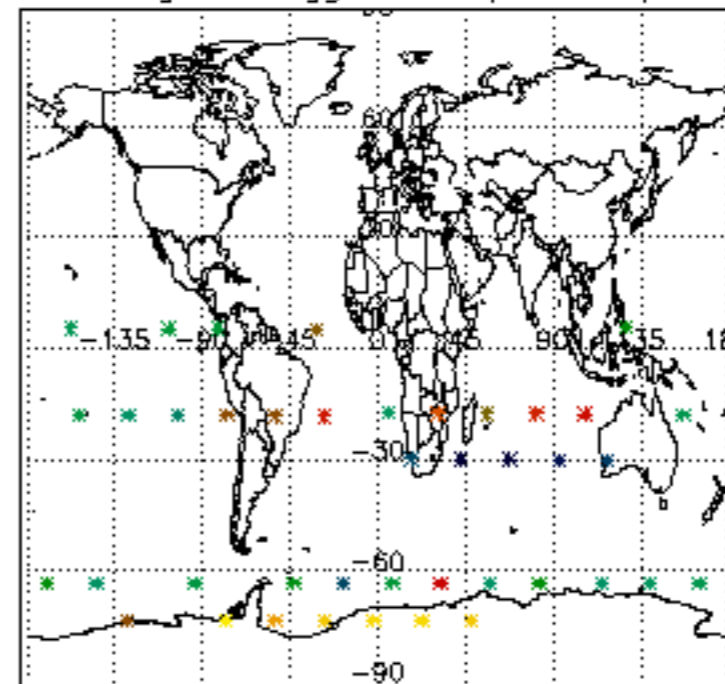
Percentage of flagged data per H2O profile

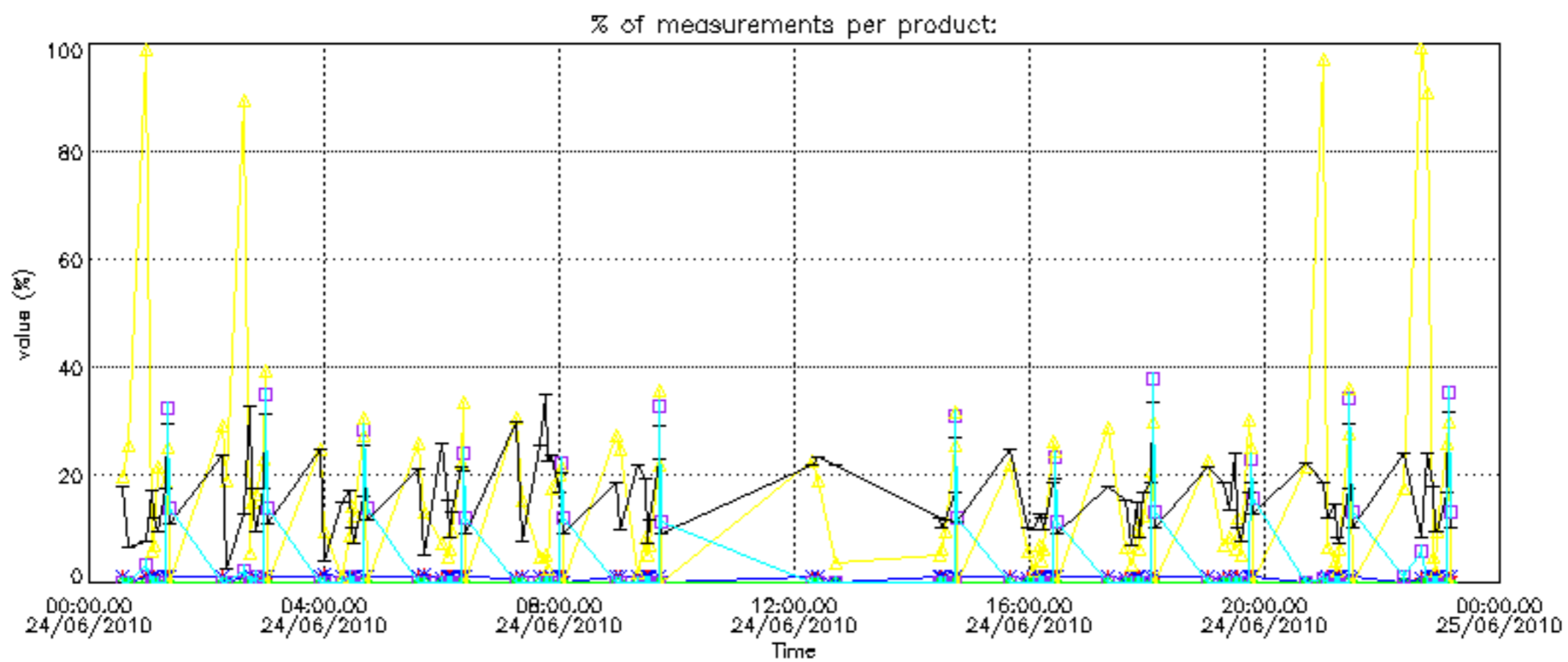


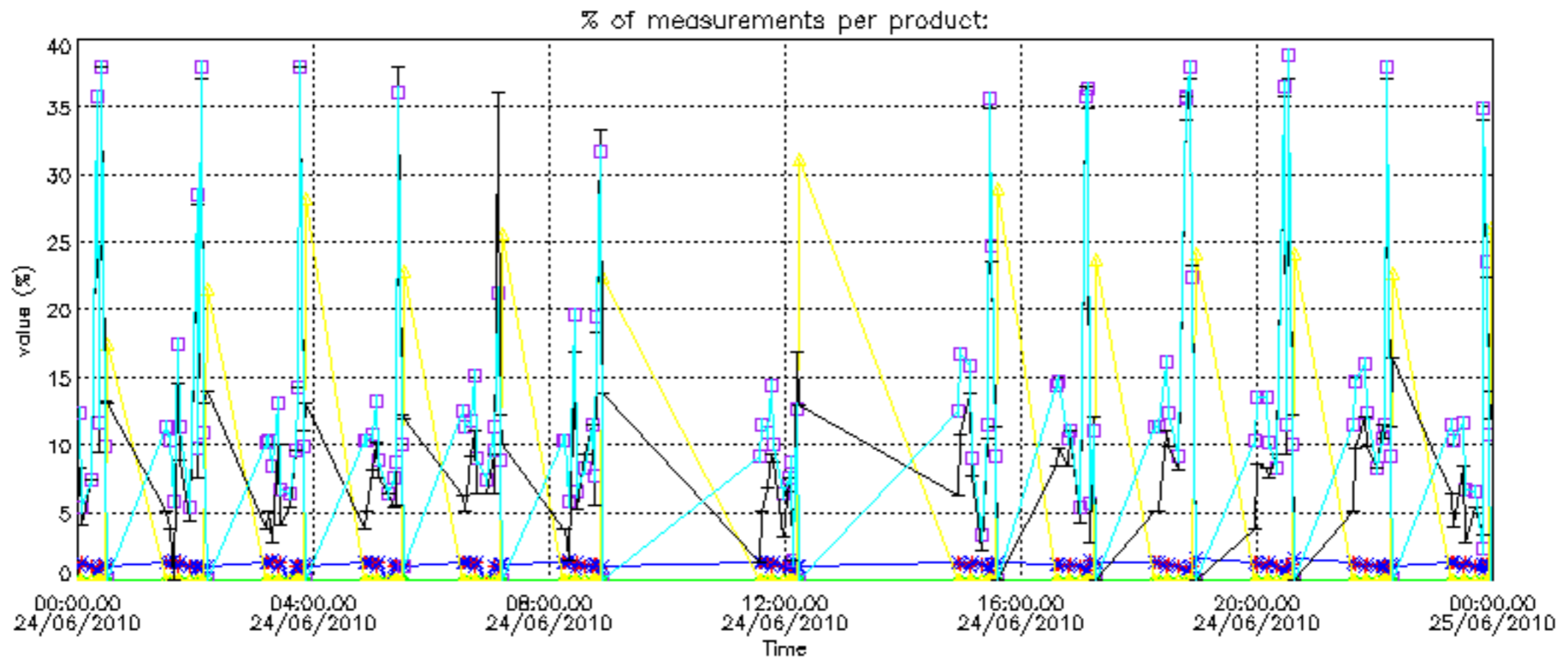
Percentage of flagged data per NO2 profile



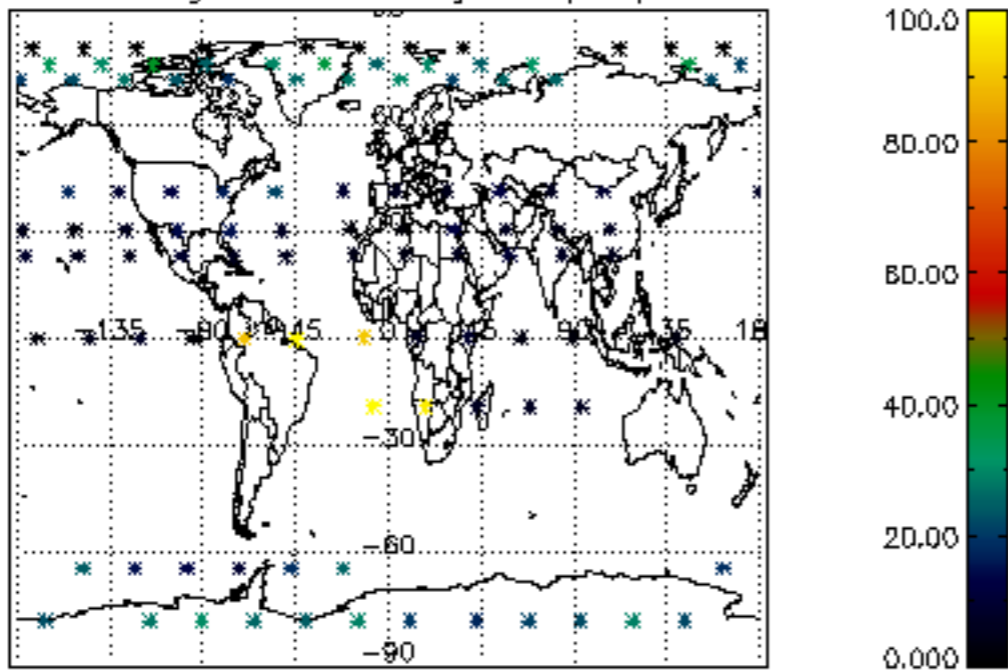
Percentage of flagged data per NO3 profile



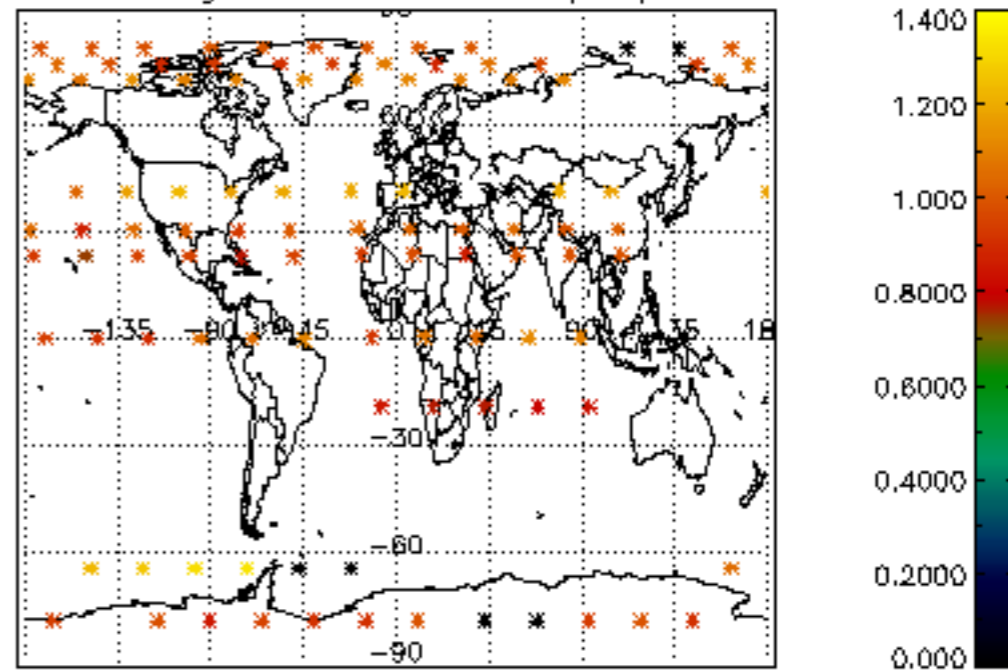




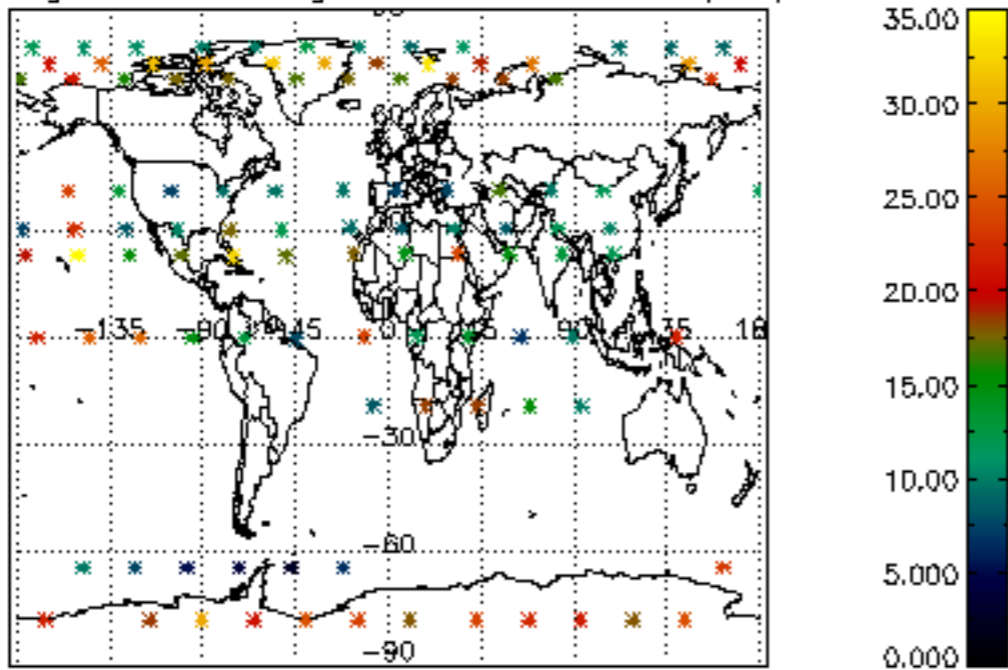
Percentage of cosmic ray hits per profile



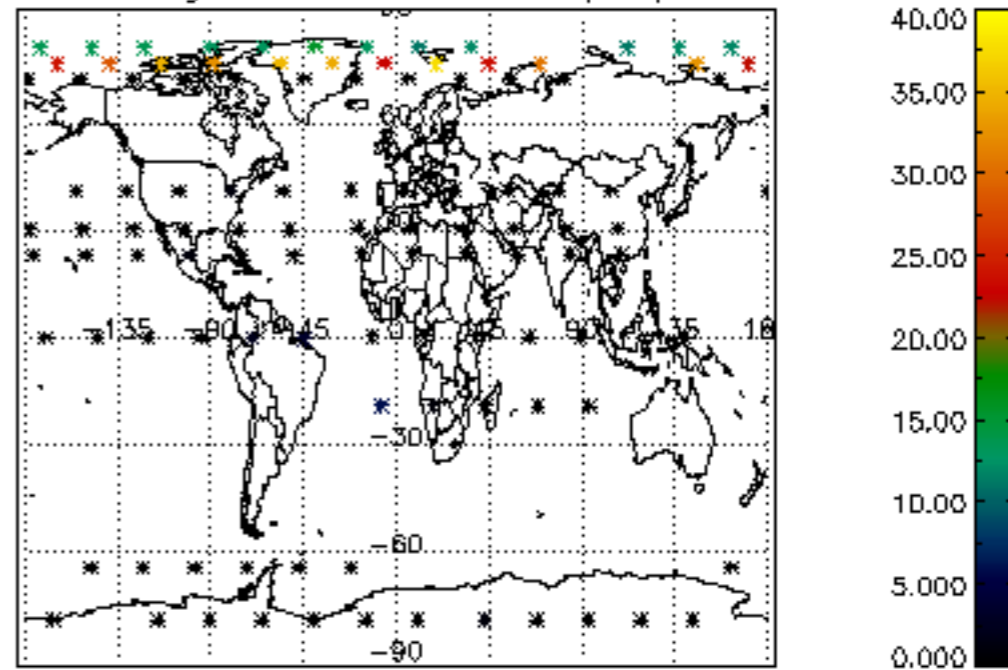
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

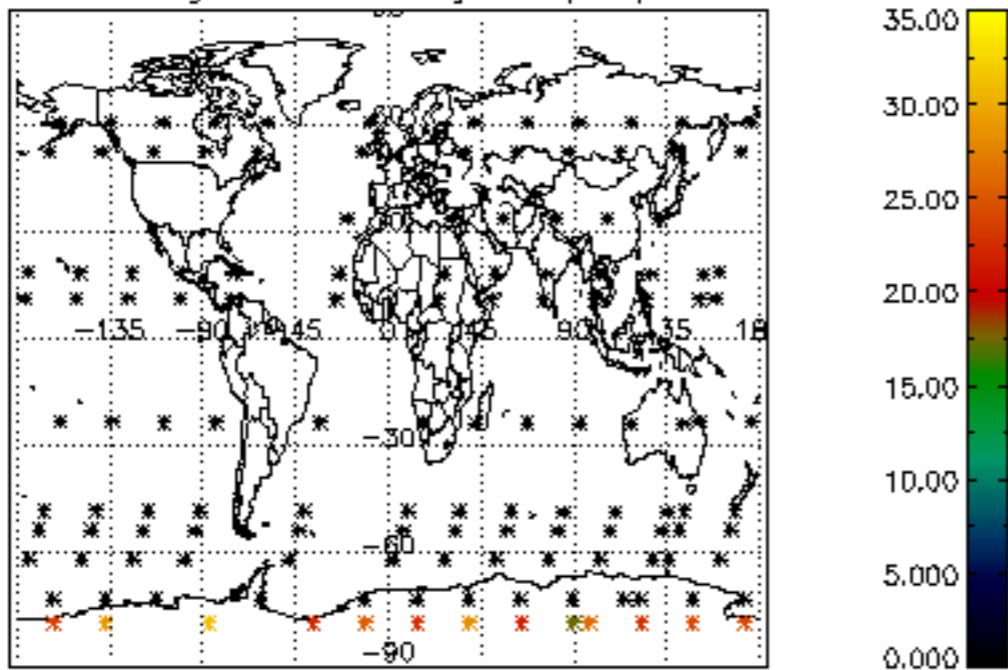


Percentage of saturation errors per profile

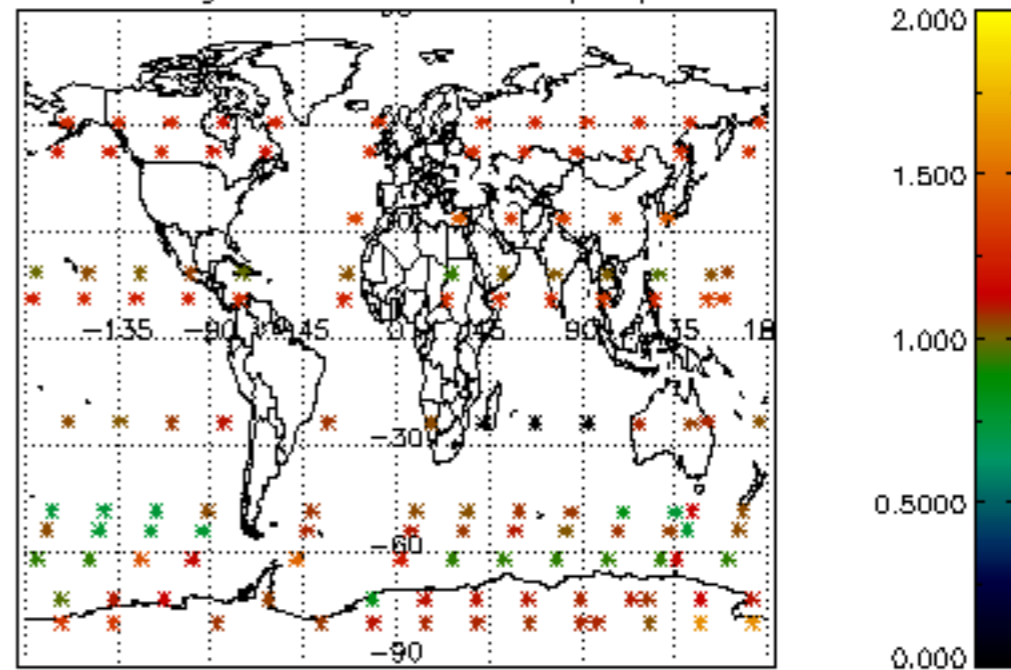




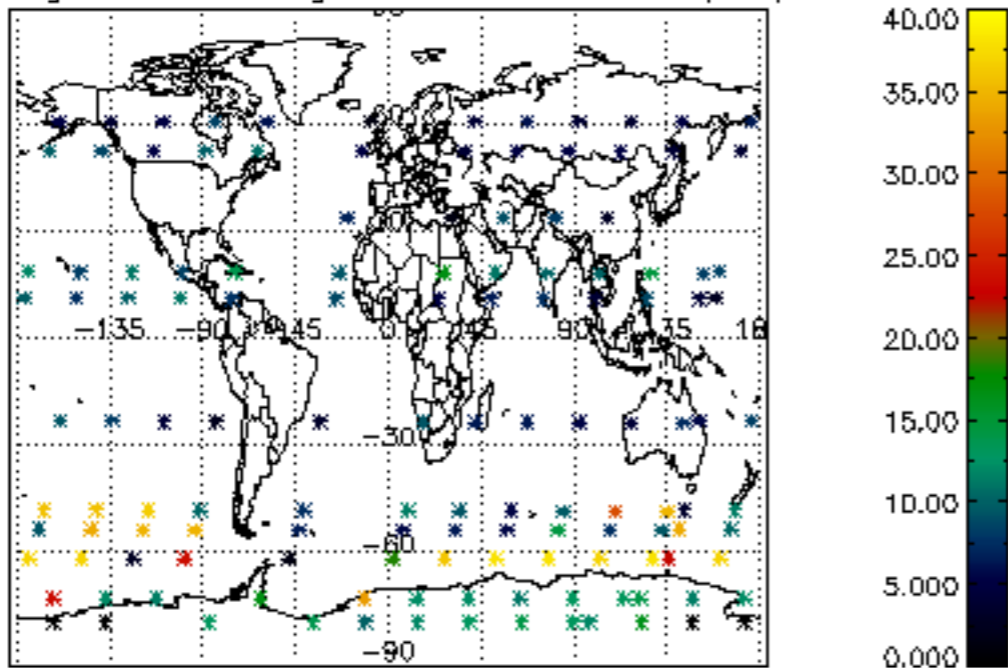
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

