

# 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 12:49:34
Data source version	GOMOS/6.01
Start time of products	09-07-2010 (09JUL2010 00:00:00)
Stop time of products	10-07-2010 (10JUL2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	259
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__2PRFIN20100709_000805_000000462091_00045_43686_9748.N1	09-JUL-2010 00:08:05	Bright	45.500	103	38Zet Sgr	2.6000	9700.0	91	43686	No
2	GOM_NL__2PRFIN20100709_001042_000000432091_00045_43686_9749.N1	09-JUL-2010 00:10:42	Bright	42.500	155	41Pi Sgr	2.9000	6600.0	85	43686	No
3	GOM_NL__2PRFIN20100709_002205_000000422091_00045_43686_9750.N1	09-JUL-2010 00:22:05	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	43686	No
4	GOM_NL__2PRFIN20100709_002908_000000402091_00045_43686_9751.N1	09-JUL-2010 00:29:08	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	43686	No
5	GOM_NL__2PRFIN20100709_003213_000000362091_00045_43686_9752.N1	09-JUL-2010 00:32:13	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	43686	No
6	GOM_NL__2PRFIN20100709_004011_000000462091_00045_43686_9753.N1	09-JUL-2010 00:40:11	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	43686	No
7	GOM_NL__2PRFIN20100709_004849_000000482091_00045_43686_9754.N1	09-JUL-2010 00:48:49	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	43686	No
8	GOM_NL__2PRFIN20100709_005314_000000402091_00045_43686_9755.N1	09-JUL-2010 00:53:14	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	43686	No
9	GOM_NL__2PRFIN20100709_005509_000000552091_00045_43686_9756.N1	09-JUL-2010 00:55:09	Bright	55.000	175	39Del Per	3.0100	19400.	110	43686	No
10	GOM_NL__2PRFIN20100709_005718_000000432091_00045_43686_9757.N1	09-JUL-2010 00:57:18	Bright	42.500	79	26Bet Per	2.3100	13100.	85	43686	No
11	GOM_NL__2PRFIN20100709_005956_000000432091_00045_43686_9758.N1	09-JUL-2010 00:59:56	Bright	43.000	150	44Zet Per	2.8900	28000.	86	43686	No
12	GOM_NL__2PRFIN20100709_010221_000000432091_00045_43686_9759.N1	09-JUL-2010 01:02:21	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	43686	No
13	GOM_NL__2PRFIN20100709_010933_000000562091_00045_43686_9760.N1	09-JUL-2010 01:09:33	Dark	55.500	94	92Alp Cet	2.5260	3100.0	111	43686	No
14	GOM_NL__2PRFIN20100709_012752_000000522091_00046_43687_9757.N1	09-JUL-2010 01:27:52	Dark	51.500	9	Alp Eri	0.45300	24000.	103	43687	No
15	GOM_NL__2PRFIN20100709_012953_000000542091_00046_43687_9758.N1	09-JUL-2010 01:29:53	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	43687	No
16	GOM_NL__2PRFIN20100709_013608_000000642091_00046_43687_9759.N1	09-JUL-2010 01:36:08	Straylight	64.000	63	Bet Gru	2.1500	2800.0	128	43687	No
17	GOM_NL__2PRFIN20100709_013755_000000532091_00046_43687_9760.N1	09-JUL-2010 01:37:55	Straylight	53.000	31	Alp Gru	1.7340	15200.	106	43687	No
18	GOM_NL__2PRFIN20100709_013933_000000432091_00046_43687_9761.N1	09-JUL-2010 01:39:33	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	43687	No
19	GOM_NL__2PRFIN20100709_014842_000000452091_00046_43687_9762.N1	09-JUL-2010 01:48:42	Bright	44.500	103	38Zet Sgr	2.6000	9700.0	89	43687	No
20	GOM_NL__2PRFIN20100709_015117_000000422091_00046_43687_9763.N1	09-JUL-2010 01:51:17	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	43687	No
21	GOM_NL__2PRFIN20100709_020240_000000452091_00046_43687_9764.N1	09-JUL-2010 02:02:40	Bright	44.500	168	17Zet Aql	2.9860	11000.	89	43687	No
22	GOM_NL__2PRFIN20100709_020943_000000402091_00046_43687_9765.N1	09-JUL-2010 02:09:43	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	43687	No
23	GOM_NL__2PRFIN20100709_021249_000000352091_00046_43687_9766.N1	09-JUL-2010 02:12:49	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	43687	No
24	GOM_NL__2PRFIN20100709_022046_000000442091_00046_43687_9767.N1	09-JUL-2010 02:20:46	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43687	No
25	GOM_NL__2PRFIN20100709_022924_000000462091_00046_43687_9768.N1	09-JUL-2010 02:29:24	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	43687	No
26	GOM_NL__2PRFIN20100709_023350_000000402091_00046_43687_9769.N1	09-JUL-2010 02:33:50	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	43687	No
27	GOM_NL__2PRFIN20100709_023544_000000392091_00046_43687_9770.N1	09-JUL-2010 02:35:44	Bright	38.500	175	39Del Per	3.0100	19400.	77	43687	No
28	GOM_NL__2PRFIN20100709_023754_000000422091_00046_43687_9771.N1	09-JUL-2010 02:37:54	Bright	41.500	79	26Bet Per	2.3100	13100.	83	43687	No
29	GOM_NL__2PRFIN20100709_024032_000000442091_00046_43687_9772.N1	09-JUL-2010 02:40:32	Bright	44.000	150	44Zet Per	2.8900	28000.	88	43687	No
30	GOM_NL__2PRFIN20100709_024257_000000432091_00046_43687_9773.N1	09-JUL-2010 02:42:57	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	43687	No
31	GOM_NL__2PRFIN20100709_025009_000000522091_00046_43687_9774.N1	09-JUL-2010 02:50:09	Dark	52.000	94	92Alp Cet	2.5260	3100.0	104	43687	No
32	GOM_NL__2PRFIN20100709_030828_000000422091_00047_43688_9769.N1	09-JUL-2010 03:08:28	Dark	42.000	9	Alp Eri	0.45300	24000.	84	43688	No
33	GOM_NL__2PRFIN20100709_031030_000000592091_00047_43688_9770.N1	09-JUL-2010 03:10:30	Dark	58.500	84	Alp Phe	2.3970	4500.0	117	43688	No
34	GOM_NL__2PRFIN20100709_031645_000000662091_00047_43688_9771.N1	09-JUL-2010 03:16:45	Straylight	65.500	63	Bet Gru	2.1500	2800.0	131	43688	No
35	GOM_NL__2PRFIN20100709_031832_000000502091_00047_43688_9772.N1	09-JUL-2010 03:18:32	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	43688	No
36	GOM_NL__2PRFIN20100709_032010_000000432091_00047_43688_9773.N1	09-JUL-2010 03:20:10	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43688	No
37	GOM_NL__2PRFIN20100709_032918_000000442091_00047_43688_9774.N1	09-JUL-2010 03:29:18	Bright	44.000	103	38Zet Sgr	2.6000	9700.0	88	43688	No
38	GOM_NL__2PRFIN20100709_033154_000000432091_00047_43688_9775.N1	09-JUL-2010 03:31:54	Bright	43.000	155	41Pi Sgr	2.9000	6600.0	86	43688	No
39	GOM_NL__2PRFIN20100709_034316_000000432091_00047_43688_9776.N1	09-JUL-2010 03:43:16	Bright	43.000	168	17Zet Aql	2.9860	11000.	86	43688	No
40	GOM_NL__2PRFIN20100709_035019_000000412091_00047_43688_9777.N1	09-JUL-2010 03:50:19	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43688	No
41	GOM_NL__2PRFIN20100709_035325_000000392091_00047_43688_9778.N1	09-JUL-2010 03:53:25	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	43688	No
42	GOM_NL__2PRFIN20100709_040122_000000452091_00047_43688_9779.N1	09-JUL-2010 04:01:22	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	43688	No

43	GOM_NL__2PRFIN20100709_041000_000000472091_00047_43688_9780.N1	09-JUL-2010 04:10:00	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43688	No
44	GOM_NL__2PRFIN20100709_041426_000000392091_00047_43688_9781.N1	09-JUL-2010 04:14:26	Bright	39.000	160	23Gam Per	2.9300	4700.0	78	43688	No
45	GOM_NL__2PRFIN20100709_041620_000000372091_00047_43688_9782.N1	09-JUL-2010 04:16:20	Bright	37.000	175	39Del Per	3.0100	19400.	74	43688	No
46	GOM_NL__2PRFIN20100709_041830_000000422091_00047_43688_9783.N1	09-JUL-2010 04:18:30	Bright	42.000	79	26Bet Per	2.3100	13100.	84	43688	No
47	GOM_NL__2PRFIN20100709_042108_000000422091_00047_43688_9784.N1	09-JUL-2010 04:21:08	Bright	42.000	150	44Zet Per	2.8900	28000.	84	43688	No
48	GOM_NL__2PRFIN20100709_042334_000000422091_00047_43688_9785.N1	09-JUL-2010 04:23:34	Twilight	41.500	146	25Eta Tau	2.8730	15200.	83	43688	No
49	GOM_NL__2PRFIN20100709_043046_000000522091_00047_43688_9786.N1	09-JUL-2010 04:30:46	Dark	52.000	94	92Alp Cet	2.5260	3100.0	104	43688	No
50	GOM_NL__2PRFIN20100709_044254_000000432091_00047_43688_9787.N1	09-JUL-2010 04:42:54	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43688	No
51	GOM_NL__2PRFIN20100709_044905_000000552091_00048_43689_9783.N1	09-JUL-2010 04:49:05	Dark	55.000	9	Alp Eri	0.45300	24000.	110	43689	No
52	GOM_NL__2PRFIN20100709_045108_000000502091_00048_43689_9784.N1	09-JUL-2010 04:51:08	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	43689	No
53	GOM_NL__2PRFIN20100709_045722_000000522091_00048_43689_9785.N1	09-JUL-2010 04:57:22	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	43689	No
54	GOM_NL__2PRFIN20100709_045909_000000492091_00048_43689_9786.N1	09-JUL-2010 04:59:09	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	43689	No
55	GOM_NL__2PRFIN20100709_050047_000000422091_00048_43689_9787.N1	09-JUL-2010 05:00:47	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	43689	No
56	GOM_NL__2PRFIN20100709_050954_000000472091_00048_43689_9788.N1	09-JUL-2010 05:09:54	Bright	46.500	103	38Zet Sgr	2.6000	9700.0	93	43689	No
57	GOM_NL__2PRFIN20100709_051230_000000432091_00048_43689_9789.N1	09-JUL-2010 05:12:30	Bright	42.500	155	41Pi Sgr	2.9000	6600.0	85	43689	No
58	GOM_NL__2PRFIN20100709_052351_000000442091_00048_43689_9790.N1	09-JUL-2010 05:23:51	Bright	44.000	168	17Zet Aql	2.9860	11000.	88	43689	No
59	GOM_NL__2PRFIN20100709_053055_000000452091_00048_43689_9791.N1	09-JUL-2010 05:30:55	Bright	44.500	5	3Alp Lyr	0.033000	11000.	89	43689	No
60	GOM_NL__2PRFIN20100709_053401_000000382091_00048_43689_9792.N1	09-JUL-2010 05:34:01	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	43689	No
61	GOM_NL__2PRFIN20100709_054157_000000442091_00048_43689_9793.N1	09-JUL-2010 05:41:57	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43689	No
62	GOM_NL__2PRFIN20100709_055035_000000482091_00048_43689_9794.N1	09-JUL-2010 05:50:35	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	43689	No
63	GOM_NL__2PRFIN20100709_055502_000000402091_00048_43689_9795.N1	09-JUL-2010 05:55:02	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	43689	No
64	GOM_NL__2PRFIN20100709_055656_000000342091_00048_43689_9796.N1	09-JUL-2010 05:56:56	Bright	34.000	175	39Del Per	3.0100	19400.	68	43689	No
65	GOM_NL__2PRFIN20100709_055906_000000422091_00048_43689_9797.N1	09-JUL-2010 05:59:06	Bright	41.500	79	26Bet Per	2.3100	13100.	83	43689	No
66	GOM_NL__2PRFIN20100709_060144_000000432091_00048_43689_9798.N1	09-JUL-2010 06:01:44	Bright	42.500	150	44Zet Per	2.8900	28000.	85	43689	No
67	GOM_NL__2PRFIN20100709_060410_000000432091_00048_43689_9799.N1	09-JUL-2010 06:04:10	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	43689	No
68	GOM_NL__2PRFIN20100709_061122_000000532091_00048_43689_9800.N1	09-JUL-2010 06:11:22	Dark	53.000	94	92Alp Cet	2.5260	3100.0	106	43689	No
69	GOM_NL__2PRFIN20100709_062330_000000402091_00048_43689_9801.N1	09-JUL-2010 06:23:30	Dark	40.000	157	The1Eri	2.9060	9300.0	80	43689	No
70	GOM_NL__2PRFIN20100709_062941_000000542091_00049_43690_9793.N1	09-JUL-2010 06:29:41	Dark	54.000	9	Alp Eri	0.45300	24000.	108	43690	No
71	GOM_NL__2PRFIN20100709_063145_000000512091_00049_43690_9794.N1	09-JUL-2010 06:31:45	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	43690	No
72	GOM_NL__2PRFIN20100709_063759_000000652091_00049_43690_9795.N1	09-JUL-2010 06:37:59	Straylight	64.500	63	Bet Gru	2.1500	2800.0	129	43690	No
73	GOM_NL__2PRFIN20100709_063946_000000482091_00049_43690_9796.N1	09-JUL-2010 06:39:46	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	43690	No
74	GOM_NL__2PRFIN20100709_064123_000000412091_00049_43690_9797.N1	09-JUL-2010 06:41:23	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	43690	No
75	GOM_NL__2PRFIN20100709_064253_000000262091_00049_43690_9798.N1	09-JUL-2010 06:42:53	Straylight	26.000	172	Gam Gru	3.0030	13100.	52	43690	No
76	GOM_NL__2PRFIN20100709_065030_000000442091_00049_43690_9799.N1	09-JUL-2010 06:50:30	Bright	44.000	103	38Zet Sgr	2.6000	9700.0	88	43690	No
77	GOM_NL__2PRFIN20100709_065306_000000412091_00049_43690_9800.N1	09-JUL-2010 06:53:06	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	43690	No
78	GOM_NL__2PRFIN20100709_084503_000000432091_00050_43691_9827.N1	09-JUL-2010 08:45:03	Bright	42.500	168	17Zet Aql	2.9860	11000.	85	43691	No
79	GOM_NL__2PRFIN20100709_085206_000000452091_00050_43691_9828.N1	09-JUL-2010 08:52:06	Bright	44.500	5	3Alp Lyr	0.033000	11000.	89	43691	No
80	GOM_NL__2PRFIN20100709_085512_000000412091_00050_43691_9829.N1	09-JUL-2010 08:55:12	Bright	40.500	69	33Gam Dra	2.2310	3800.0	81	43691	No
81	GOM_NL__2PRFIN20100709_090308_000000442091_00050_43691_9830.N1	09-JUL-2010 09:03:08	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43691	No
82	GOM_NL__2PRFIN20100709_091146_000000472091_00050_43691_9831.N1	09-JUL-2010 09:11:46	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43691	No
83	GOM_NL__2PRFIN20100709_091613_000000582091_00050_43691_9832.N1	09-JUL-2010 09:16:13	Bright	58.000	160	23Gam Per	2.9300	4700.0	116	43691	No
84	GOM_NL__2PRFIN20100709_091808_000000552091_00050_43691_9833.N1	09-JUL-2010 09:18:08	Bright	54.500	175	39Del Per	3.0100	19400.	109	43691	No
85	GOM_NL__2PRFIN20100709_092018_000000432091_00050_43691_9834.N1	09-JUL-2010 09:20:18	Bright	43.000	79	26Bet Per	2.3100	13100.	86	43691	No
86	GOM_NL__2PRFIN20100709_092257_000000452091_00050_43691_9835.N1	09-JUL-2010 09:22:57	Bright	44.500	150	44Zet Per	2.8900	28000.	89	43691	No
87	GOM_NL__2PRFIN20100709_092522_000000412091_00050_43691_9836.N1	09-JUL-2010 09:25:22	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	43691	No
88	GOM_NL__2PRFIN20100709_093235_000000542091_00050_43691_9837.N1	09-JUL-2010 09:32:35	Dark	53.500	94	92Alp Cet	2.5260	3100.0	107	43691	No
89	GOM_NL__2PRFIN20100709_094443_000000432091_00050_43691_9838.N1	09-JUL-2010 09:44:43	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43691	No
90	GOM_NL__2PRFIN20100709_095054_000000522091_00051_43692_9854.N1	09-JUL-2010 09:50:54	Dark	52.000	9	Alp Eri	0.45300	24000.	104	43692	No
91	GOM_NL__2PRFIN20100709_095259_000000502091_00051_43692_9855.N1	09-JUL-2010 09:52:59	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	43692	No
92	GOM_NL__2PRFIN20100709_095913_000000662091_00051_43692_9856.N1	09-JUL-2010 09:59:13	Straylight	66.000	63	Bet Gru	2.1500	2800.0	132	43692	No
93	GOM_NL__2PRFIN20100709_100059_000000482091_00051_43692_9857.N1	09-JUL-2010 10:00:59	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	43692	No
94	GOM_NL__2PRFIN20100709_100236_000000452091_00051_43692_9858.N1	09-JUL-2010 10:02:36	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	43692	No
95	GOM_NL__2PRFIN20100709_100406_000000282091_00051_43692_9859.N1	09-JUL-2010 10:04:06	Straylight	28.000	172	Gam Gru	3.0030	13100.	56	43692	No
96	GOM_NL__2PRFIN20100709_101142_000000472091_00051_43692_9860.N1	09-JUL-2010 10:11:42	Bright	47.000	103	38Zet Sgr	2.6000	9700.0	94	43692	No
97	GOM_NL__2PRFIN20100709_101418_000000412091_00051_43692_9861.N1	09-JUL-2010 10:14:18	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	43692	No
98	GOM_NL__2PRFIN20100709_102539_000000422091_00051_43692_9862.N1	09-JUL-2010 10:25:39	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	43692	No
99	GOM_NL__2PRFIN20100709_103242_000000402091_00051_43692_9863.N1	09-JUL-2010 10:32:42	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	43692	No
100	GOM_NL__2PRFIN20100709_103548_000000412091_00051_43692_9864.N1	09-JUL-2010 10:35:48	Bright	41.000	69	33Gam Dra	2.2310	3800.0	82	43692	No
101	GOM_NL__2PRFIN20100709_104343_000000472091_00051_43692_9865.N1	09-JUL-2010 10:43:43	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	43692	No

102	GOM_NL__2PRFIN20100709_105222_000000472091_00051_43692_9866.N1	09-JUL-2010 10:52:22	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	43692	No
103	GOM_NL__2PRFIN20100709_105649_000000582091_00051_43692_9867.N1	09-JUL-2010 10:56:49	Bright	58.000	160	23Gam Per	2.9300	4700.0	116	43692	No
104	GOM_NL__2PRFIN20100709_105844_000000502091_00051_43692_9868.N1	09-JUL-2010 10:58:44	Bright	50.000	175	39Del Per	3.0100	19400.	100	43692	No
105	GOM_NL__2PRFIN20100709_110054_000000432091_00051_43692_9869.N1	09-JUL-2010 11:00:54	Bright	42.500	79	26Bet Per	2.3100	13100.	85	43692	No
106	GOM_NL__2PRFIN20100709_110332_000000442091_00051_43692_9870.N1	09-JUL-2010 11:03:32	Bright	44.000	150	44Zet Per	2.8900	28000.	88	43692	No
107	GOM_NL__2PRFIN20100709_110558_000000432091_00051_43692_9871.N1	09-JUL-2010 11:05:58	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	43692	No
108	GOM_NL__2PRFIN20100709_111312_000000502091_00051_43692_9872.N1	09-JUL-2010 11:13:12	Dark	49.500	94	92Alp Cet	2.5260	3100.0	99	43692	No
109	GOM_NL__2PRFIN20100709_112519_000000402091_00051_43692_9873.N1	09-JUL-2010 11:25:19	Dark	40.000	157	The1Eri	2.9060	9300.0	80	43692	No
110	GOM_NL__2PRFIN20100709_113131_000000412091_00052_43693_9881.N1	09-JUL-2010 11:31:31	Dark	41.000	9	Alp Eri	0.45300	24000.	82	43693	No
111	GOM_NL__2PRFIN20100709_113336_000000512091_00052_43693_9882.N1	09-JUL-2010 11:33:36	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	43693	No
112	GOM_NL__2PRFIN20100709_113949_000000582091_00052_43693_9883.N1	09-JUL-2010 11:39:49	Straylight	57.500	63	Bet Gru	2.1500	2800.0	115	43693	No
113	GOM_NL__2PRFIN20100709_114136_000000522091_00052_43693_9884.N1	09-JUL-2010 11:41:36	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	43693	No
114	GOM_NL__2PRFIN20100709_114312_000000432091_00052_43693_9885.N1	09-JUL-2010 11:43:12	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43693	No
115	GOM_NL__2PRFIN20100709_114443_000000282091_00052_43693_9886.N1	09-JUL-2010 11:44:43	Straylight	28.000	172	Gam Gru	3.0030	13100.	56	43693	No
116	GOM_NL__2PRFIN20100709_115219_000000422091_00052_43693_9887.N1	09-JUL-2010 11:52:19	Bright	41.500	103	38Zet Sgr	2.6000	9700.0	83	43693	No
117	GOM_NL__2PRFIN20100709_115454_000000422091_00052_43693_9888.N1	09-JUL-2010 11:54:54	Bright	42.000	155	41Pi Sgr	2.9000	6600.0	84	43693	No
118	GOM_NL__2PRFIN20100709_120614_000000442091_00052_43693_9889.N1	09-JUL-2010 12:06:14	Bright	43.500	168	17Zet Aql	2.9860	11000.	87	43693	No
119	GOM_NL__2PRFIN20100709_121317_000000432091_00052_43693_9890.N1	09-JUL-2010 12:13:17	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	43693	No
120	GOM_NL__2PRFIN20100709_121624_000000382091_00052_43693_9891.N1	09-JUL-2010 12:16:24	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	43693	No
121	GOM_NL__2PRFIN20100709_122418_000000452091_00052_43693_9892.N1	09-JUL-2010 12:24:18	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43693	No
122	GOM_NL__2PRFIN20100709_123257_000000462091_00052_43693_9893.N1	09-JUL-2010 12:32:57	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	43693	No
123	GOM_NL__2PRFIN20100709_123725_000000412091_00052_43693_9894.N1	09-JUL-2010 12:37:25	Bright	40.500	160	23Gam Per	2.9300	4700.0	81	43693	No
124	GOM_NL__2PRFIN20100709_123920_000000362091_00052_43693_9895.N1	09-JUL-2010 12:39:20	Bright	35.500	175	39Del Per	3.0100	19400.	71	43693	No
125	GOM_NL__2PRFIN20100709_124130_000000442091_00052_43693_9896.N1	09-JUL-2010 12:41:30	Bright	43.500	79	26Bet Per	2.3100	13100.	87	43693	No
126	GOM_NL__2PRFIN20100709_124408_000000442091_00052_43693_9897.N1	09-JUL-2010 12:44:08	Bright	43.500	150	44Zet Per	2.8900	28000.	87	43693	No
127	GOM_NL__2PRFIN20100709_124634_000000422091_00052_43693_9898.N1	09-JUL-2010 12:46:34	Twilight	42.000	146	25Eta Tau	2.8730	15200.	84	43693	No
128	GOM_NL__2PRFIN20100709_125348_000000532091_00052_43693_9899.N1	09-JUL-2010 12:53:48	Dark	53.000	94	92Alp Cet	2.5260	3100.0	106	43693	No
129	GOM_NL__2PRFIN20100709_130556_000000402091_00052_43693_9900.N1	09-JUL-2010 13:05:56	Dark	40.000	157	The1Eri	2.9060	9300.0	80	43693	No
130	GOM_NL__2PRFIN20100709_131207_000000522091_00053_43694_9914.N1	09-JUL-2010 13:12:07	Dark	52.000	9	Alp Eri	0.45300	24000.	104	43694	No
131	GOM_NL__2PRFIN20100709_131413_000000522091_00053_43694_9915.N1	09-JUL-2010 13:14:13	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	43694	No
132	GOM_NL__2PRFIN20100709_132026_000000592091_00053_43694_9916.N1	09-JUL-2010 13:20:26	Straylight	59.000	63	Bet Gru	2.1500	2800.0	118	43694	No
133	GOM_NL__2PRFIN20100709_132212_000000512091_00053_43694_9917.N1	09-JUL-2010 13:22:12	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	43694	No
134	GOM_NL__2PRFIN20100709_132348_000000412091_00053_43694_9918.N1	09-JUL-2010 13:23:48	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	43694	No
135	GOM_NL__2PRFIN20100709_132520_000000302091_00053_43694_9919.N1	09-JUL-2010 13:25:20	Straylight	30.000	172	Gam Gru	3.0030	13100.	60	43694	No
136	GOM_NL__2PRFIN20100709_133255_000000432091_00053_43694_9920.N1	09-JUL-2010 13:32:55	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	43694	No
137	GOM_NL__2PRFIN20100709_133530_000000422091_00053_43694_9921.N1	09-JUL-2010 13:35:30	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	43694	No
138	GOM_NL__2PRFIN20100709_134650_000000442091_00053_43694_9922.N1	09-JUL-2010 13:46:50	Bright	44.000	168	17Zet Aql	2.9860	11000.	88	43694	No
139	GOM_NL__2PRFIN20100709_135353_000000442091_00053_43694_9923.N1	09-JUL-2010 13:53:53	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	43694	No
140	GOM_NL__2PRFIN20100709_135659_000000382091_00053_43694_9924.N1	09-JUL-2010 13:56:59	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	43694	No
141	GOM_NL__2PRFIN20100709_140454_000000462091_00053_43694_9925.N1	09-JUL-2010 14:04:54	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	43694	No
142	GOM_NL__2PRFIN20100709_141332_000000472091_00053_43694_9926.N1	09-JUL-2010 14:13:32	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43694	No
143	GOM_NL__2PRFIN20100709_141801_000000582091_00053_43694_9927.N1	09-JUL-2010 14:18:01	Bright	58.000	160	23Gam Per	2.9300	4700.0	116	43694	No
144	GOM_NL__2PRFIN20100709_141956_000000402091_00053_43694_9928.N1	09-JUL-2010 14:19:56	Bright	39.500	175	39Del Per	3.0100	19400.	79	43694	No
145	GOM_NL__2PRFIN20100709_142206_000000462091_00053_43694_9929.N1	09-JUL-2010 14:22:06	Bright	46.000	79	26Bet Per	2.3100	13100.	92	43694	No
146	GOM_NL__2PRFIN20100709_142445_000000432091_00053_43694_9930.N1	09-JUL-2010 14:24:45	Bright	43.000	150	44Zet Per	2.8900	28000.	86	43694	No
147	GOM_NL__2PRFIN20100709_142710_000000412091_00053_43694_9931.N1	09-JUL-2010 14:27:10	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	43694	No
148	GOM_NL__2PRFIN20100709_143425_000000542091_00053_43694_9932.N1	09-JUL-2010 14:34:25	Dark	53.500	94	92Alp Cet	2.5260	3100.0	107	43694	No
149	GOM_NL__2PRFIN20100709_144632_000000402091_00053_43694_9933.N1	09-JUL-2010 14:46:32	Dark	40.000	157	The1Eri	2.9060	9300.0	80	43694	No
150	GOM_NL__2PRFIN20100709_145244_000000422091_00054_43695_9944.N1	09-JUL-2010 14:52:44	Dark	41.500	9	Alp Eri	0.45300	24000.	83	43695	No
151	GOM_NL__2PRFIN20100709_145450_000000532091_00054_43695_9945.N1	09-JUL-2010 14:54:50	Dark	52.500	84	Alp Phe	2.3970	4500.0	105	43695	No
152	GOM_NL__2PRFIN20100709_150103_000000512091_00054_43695_9946.N1	09-JUL-2010 15:01:03	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	43695	No
153	GOM_NL__2PRFIN20100709_150249_000000482091_00054_43695_9947.N1	09-JUL-2010 15:02:49	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	43695	No
154	GOM_NL__2PRFIN20100709_150424_000000402091_00054_43695_9948.N1	09-JUL-2010 15:04:24	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	43695	No
155	GOM_NL__2PRFIN20100709_150557_000000302091_00054_43695_9949.N1	09-JUL-2010 15:05:57	Straylight	30.000	172	Gam Gru	3.0030	13100.	60	43695	No
156	GOM_NL__2PRFIN20100709_151331_000000432091_00054_43695_9950.N1	09-JUL-2010 15:13:31	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	43695	No
157	GOM_NL__2PRFIN20100709_151607_000000422091_00054_43695_9951.N1	09-JUL-2010 15:16:07	Bright	42.000	155	41Pi Sgr	2.9000	6600.0	84	43695	No
158	GOM_NL__2PRFIN20100709_152725_000000422091_00054_43695_9952.N1	09-JUL-2010 15:27:25	Bright	42.000	168	17Zet Aql	2.9860	11000.	84	43695	No
159	GOM_NL__2PRFIN20100709_153428_000000452091_00054_43695_9953.N1	09-JUL-2010 15:34:28	Bright	44.500	5	3Alp Lyr	0.033000	11000.	89	43695	No
160	GOM_NL__2PRFIN20100709_153735_000000372091_00054_43695_9954.N1	09-JUL-2010 15:37:35	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	43695	No



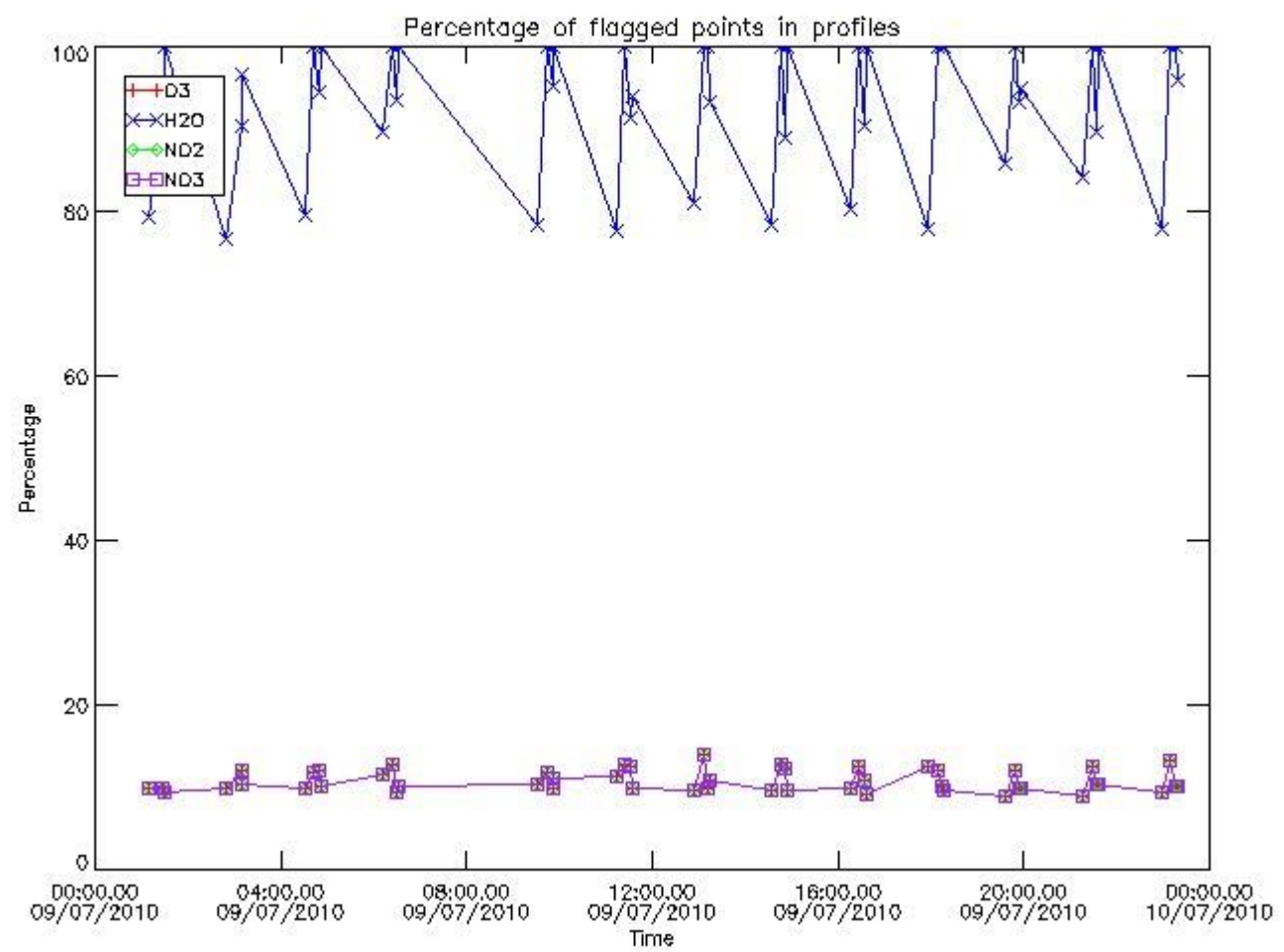
161	GOM_NL__2PRFIN20100709_154529_000000462091_00054_43695_9955.N1	09-JUL-2010 15:45:29	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	43695	No
162	GOM_NL__2PRFIN20100709_155408_000000482091_00054_43695_9956.N1	09-JUL-2010 15:54:08	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43695	No
163	GOM_NL__2PRFIN20100709_155837_000000422091_00054_43695_9957.N1	09-JUL-2010 15:58:37	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	43695	No
164	GOM_NL__2PRFIN20100709_160032_000000372091_00054_43695_9958.N1	09-JUL-2010 16:00:32	Bright	36.500	175	39Del Per	3.0100	19400.	73	43695	No
165	GOM_NL__2PRFIN20100709_160241_000000442091_00054_43695_9959.N1	09-JUL-2010 16:02:41	Bright	44.000	79	26Bet Per	2.3100	13100.	88	43695	No
166	GOM_NL__2PRFIN20100709_160521_000000422091_00054_43695_9960.N1	09-JUL-2010 16:05:21	Bright	42.000	150	44Zet Per	2.8900	28000.	84	43695	No
167	GOM_NL__2PRFIN20100709_160747_000000432091_00054_43695_9961.N1	09-JUL-2010 16:07:47	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	43695	No
168	GOM_NL__2PRFIN20100709_161502_000000512091_00054_43695_9962.N1	09-JUL-2010 16:15:02	Dark	51.000	94	92Alp Cet	2.5260	3100.0	102	43695	No
169	GOM_NL__2PRFIN20100709_162709_000000412091_00054_43695_9963.N1	09-JUL-2010 16:27:09	Dark	40.500	157	The1Eri	2.9060	9300.0	81	43695	No
170	GOM_NL__2PRFIN20100709_163320_000000472091_00055_43696_0021.N1	09-JUL-2010 16:33:20	Dark	47.000	9	Alp Eri	0.45300	24000.	94	43696	No
171	GOM_NL__2PRFIN20100709_163527_000000562091_00055_43696_0022.N1	09-JUL-2010 16:35:27	Dark	55.500	84	Alp Phe	2.3970	4500.0	111	43696	No
172	GOM_NL__2PRFIN20100709_164140_000000502091_00055_43696_0023.N1	09-JUL-2010 16:41:40	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	43696	No
173	GOM_NL__2PRFIN20100709_164326_000000492091_00055_43696_0024.N1	09-JUL-2010 16:43:26	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43696	No
174	GOM_NL__2PRFIN20100709_164501_000000412091_00055_43696_0025.N1	09-JUL-2010 16:45:01	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	43696	No
175	GOM_NL__2PRFIN20100709_164634_000000332091_00055_43696_0026.N1	09-JUL-2010 16:46:34	Straylight	32.500	172	Gam Gru	3.0030	13100.	65	43696	No
176	GOM_NL__2PRFIN20100709_165407_000000462091_00055_43696_0027.N1	09-JUL-2010 16:54:07	Bright	45.500	103	38Zet Sgr	2.6000	9700.0	91	43696	No
177	GOM_NL__2PRFIN20100709_165643_000000432091_00055_43696_0028.N1	09-JUL-2010 16:56:43	Bright	42.500	155	41Pi Sgr	2.9000	6600.0	85	43696	No
178	GOM_NL__2PRFIN20100709_170801_000000422091_00055_43696_0029.N1	09-JUL-2010 17:08:01	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	43696	No
179	GOM_NL__2PRFIN20100709_171505_000000442091_00055_43696_0030.N1	09-JUL-2010 17:15:05	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	43696	No
180	GOM_NL__2PRFIN20100709_171811_000000392091_00055_43696_0031.N1	09-JUL-2010 17:18:11	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	43696	No
181	GOM_NL__2PRFIN20100709_172604_000000462091_00055_43696_0032.N1	09-JUL-2010 17:26:04	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	43696	No
182	GOM_NL__2PRFIN20100709_173444_000000472091_00055_43696_0033.N1	09-JUL-2010 17:34:44	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43696	No
183	GOM_NL__2PRFIN20100709_173913_000000392091_00055_43696_0034.N1	09-JUL-2010 17:39:13	Bright	38.500	160	23Gam Per	2.9300	4700.0	77	43696	No
184	GOM_NL__2PRFIN20100709_174108_000000362091_00055_43696_0035.N1	09-JUL-2010 17:41:08	Bright	36.000	175	39Del Per	3.0100	19400.	72	43696	No
185	GOM_NL__2PRFIN20100709_174317_000000432091_00055_43696_0036.N1	09-JUL-2010 17:43:17	Bright	43.000	79	26Bet Per	2.3100	13100.	86	43696	No
186	GOM_NL__2PRFIN20100709_174557_000000442091_00055_43696_0037.N1	09-JUL-2010 17:45:57	Bright	44.000	150	44Zet Per	2.8900	28000.	88	43696	No
187	GOM_NL__2PRFIN20100709_174823_000000442091_00055_43696_0038.N1	09-JUL-2010 17:48:23	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	43696	No
188	GOM_NL__2PRFIN20100709_175538_000000532091_00055_43696_0039.N1	09-JUL-2010 17:55:38	Dark	52.500	94	92Alp Cet	2.5260	3100.0	105	43696	No
189	GOM_NL__2PRFIN20100709_180745_000000432091_00055_43696_0040.N1	09-JUL-2010 18:07:45	Dark	42.500	157	The1Eri	2.9060	9300.0	85	43696	No
190	GOM_NL__2PRFIN20100709_181357_000000502091_00056_43697_0050.N1	09-JUL-2010 18:13:57	Dark	50.000	9	Alp Eri	0.45300	24000.	100	43697	No
191	GOM_NL__2PRFIN20100709_181605_000000532091_00056_43697_0051.N1	09-JUL-2010 18:16:05	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	43697	No
192	GOM_NL__2PRFIN20100709_182217_000000532091_00056_43697_0052.N1	09-JUL-2010 18:22:17	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	43697	No
193	GOM_NL__2PRFIN20100709_182403_000000472091_00056_43697_0053.N1	09-JUL-2010 18:24:03	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	43697	No
194	GOM_NL__2PRFIN20100709_182537_000000432091_00056_43697_0054.N1	09-JUL-2010 18:25:37	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43697	No
195	GOM_NL__2PRFIN20100709_182711_000000332091_00056_43697_0055.N1	09-JUL-2010 18:27:11	Straylight	32.500	172	Gam Gru	3.0030	13100.	65	43697	No
196	GOM_NL__2PRFIN20100709_183444_000000562091_00056_43697_0056.N1	09-JUL-2010 18:34:44	Bright	56.000	103	38Zet Sgr	2.6000	9700.0	112	43697	No
197	GOM_NL__2PRFIN20100709_183719_000000432091_00056_43697_0057.N1	09-JUL-2010 18:37:19	Bright	42.500	155	41Pi Sgr	2.9000	6600.0	85	43697	No
198	GOM_NL__2PRFIN20100709_184837_000000432091_00056_43697_0058.N1	09-JUL-2010 18:48:37	Bright	43.000	168	17Zet Aql	2.9860	11000.	86	43697	No
199	GOM_NL__2PRFIN20100709_185540_000000392091_00056_43697_0059.N1	09-JUL-2010 18:55:40	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	43697	No
200	GOM_NL__2PRFIN20100709_185847_000000542091_00056_43697_0060.N1	09-JUL-2010 18:58:47	Bright	54.000	69	33Gam Dra	2.2310	3800.0	108	43697	No
201	GOM_NL__2PRFIN20100709_190640_000000452091_00056_43697_0061.N1	09-JUL-2010 19:06:40	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	43697	No
202	GOM_NL__2PRFIN20100709_191519_000000472091_00056_43697_0062.N1	09-JUL-2010 19:15:19	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	43697	No
203	GOM_NL__2PRFIN20100709_191948_000000412091_00056_43697_0063.N1	09-JUL-2010 19:19:48	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	43697	No
204	GOM_NL__2PRFIN20100709_192144_000000562091_00056_43697_0064.N1	09-JUL-2010 19:21:44	Bright	56.000	175	39Del Per	3.0100	19400.	112	43697	No
205	GOM_NL__2PRFIN20100709_192353_000000442091_00056_43697_0065.N1	09-JUL-2010 19:23:53	Bright	44.000	79	26Bet Per	2.3100	13100.	88	43697	No
206	GOM_NL__2PRFIN20100709_192633_000000432091_00056_43697_0066.N1	09-JUL-2010 19:26:33	Bright	42.500	150	44Zet Per	2.8900	28000.	85	43697	No
207	GOM_NL__2PRFIN20100709_192859_000000432091_00056_43697_0067.N1	09-JUL-2010 19:28:59	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	43697	No
208	GOM_NL__2PRFIN20100709_193614_000000572091_00056_43697_0068.N1	09-JUL-2010 19:36:14	Dark	57.000	94	92Alp Cet	2.5260	3100.0	114	43697	No
209	GOM_NL__2PRFIN20100709_194822_000000422091_00056_43697_0069.N1	09-JUL-2010 19:48:22	Dark	42.000	157	The1Eri	2.9060	9300.0	84	43697	No
210	GOM_NL__2PRFIN20100709_195434_000000522091_00057_43698_0080.N1	09-JUL-2010 19:54:34	Dark	52.000	9	Alp Eri	0.45300	24000.	104	43698	No
211	GOM_NL__2PRFIN20100709_195641_000000512091_00057_43698_0081.N1	09-JUL-2010 19:56:41	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	43698	No
212	GOM_NL__2PRFIN20100709_200254_000000542091_00057_43698_0082.N1	09-JUL-2010 20:02:54	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	43698	No
213	GOM_NL__2PRFIN20100709_200439_000000482091_00057_43698_0083.N1	09-JUL-2010 20:04:39	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	43698	No
214	GOM_NL__2PRFIN20100709_200614_000000412091_00057_43698_0084.N1	09-JUL-2010 20:06:14	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	43698	No
215	GOM_NL__2PRFIN20100709_200748_000000352091_00057_43698_0085.N1	09-JUL-2010 20:07:48	Straylight	34.500	172	Gam Gru	3.0030	13100.	69	43698	No
216	GOM_NL__2PRFIN20100709_201520_000000452091_00057_43698_0086.N1	09-JUL-2010 20:15:20	Bright	45.000	103	38Zet Sgr	2.6000	9700.0	90	43698	No
217	GOM_NL__2PRFIN20100709_201755_000000412091_00057_43698_0087.N1	09-JUL-2010 20:17:55	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	43698	No
218	GOM_NL__2PRFIN20100709_202912_000000422091_00057_43698_0088.N1	09-JUL-2010 20:29:12	Bright	42.000	168	17Zet Aql	2.9860	11000.	84	43698	No
219	GOM_NL__2PRFIN20100709_203615_000000402091_00057_43698_0089.N1	09-JUL-2010 20:36:15	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	43698	No

220	GOM_NL__2PRFIN20100709_203923_000000392091_00057_43698_0090.N1	09-JUL-2010 20:39:23	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	43698	No
221	GOM_NL__2PRFIN20100709_204715_000000452091_00057_43698_0091.N1	09-JUL-2010 20:47:15	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	43698	No
222	GOM_NL__2PRFIN20100709_205555_000000462091_00057_43698_0092.N1	09-JUL-2010 20:55:55	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	43698	No
223	GOM_NL__2PRFIN20100709_210024_000000582091_00057_43698_0093.N1	09-JUL-2010 21:00:24	Bright	58.000	160	23Gam Per	2.9300	4700.0	116	43698	No
224	GOM_NL__2PRFIN20100709_210220_000000562091_00057_43698_0094.N1	09-JUL-2010 21:02:20	Bright	56.000	175	39Del Per	3.0100	19400.	112	43698	No
225	GOM_NL__2PRFIN20100709_210430_000000602091_00057_43698_0095.N1	09-JUL-2010 21:04:30	Bright	60.000	79	26Bet Per	2.3100	13100.	120	43698	No
226	GOM_NL__2PRFIN20100709_210709_000000422091_00057_43698_0096.N1	09-JUL-2010 21:07:09	Bright	41.500	150	44Zet Per	2.8900	28000.	83	43698	No
227	GOM_NL__2PRFIN20100709_210935_000000432091_00057_43698_0097.N1	09-JUL-2010 21:09:35	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	43698	No
228	GOM_NL__2PRFIN20100709_211651_000000572091_00057_43698_0098.N1	09-JUL-2010 21:16:51	Dark	56.500	94	92Alp Cet	2.5260	3100.0	113	43698	No
229	GOM_NL__2PRFIN20100709_212858_000000412091_00057_43698_0099.N1	09-JUL-2010 21:28:58	Dark	41.000	157	The1Eri	2.9060	9300.0	82	43698	No
230	GOM_NL__2PRFIN20100709_213510_000000492091_00058_43699_0093.N1	09-JUL-2010 21:35:10	Dark	49.000	9	Alp Eri	0.45300	24000.	98	43699	No
231	GOM_NL__2PRFIN20100709_213718_000000542091_00058_43699_0094.N1	09-JUL-2010 21:37:18	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	43699	No
232	GOM_NL__2PRFIN20100709_214331_000000572091_00058_43699_0095.N1	09-JUL-2010 21:43:31	Straylight	56.500	63	Bet Gru	2.1500	2800.0	113	43699	No
233	GOM_NL__2PRFIN20100709_214516_000000472091_00058_43699_0096.N1	09-JUL-2010 21:45:16	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	43699	No
234	GOM_NL__2PRFIN20100709_214650_000000472091_00058_43699_0097.N1	09-JUL-2010 21:46:50	Straylight	47.000	45	Alp Pav	1.9400	26000.	94	43699	No
235	GOM_NL__2PRFIN20100709_214824_000000352091_00058_43699_0098.N1	09-JUL-2010 21:48:24	Straylight	35.000	172	Gam Gru	3.0030	13100.	70	43699	No
236	GOM_NL__2PRFIN20100709_215556_000000452091_00058_43699_0099.N1	09-JUL-2010 21:55:56	Bright	45.000	103	38Zet Sgr	2.6000	9700.0	90	43699	No
237	GOM_NL__2PRFIN20100709_215831_000000422091_00058_43699_0100.N1	09-JUL-2010 21:58:31	Bright	42.000	155	41Pi Sgr	2.9000	6600.0	84	43699	No
238	GOM_NL__2PRFIN20100709_220948_000000412091_00058_43699_0101.N1	09-JUL-2010 22:09:48	Bright	41.000	168	17Zet Aql	2.9860	11000.	82	43699	No
239	GOM_NL__2PRFIN20100709_221651_000000412091_00058_43699_0102.N1	09-JUL-2010 22:16:51	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43699	No
240	GOM_NL__2PRFIN20100709_221958_000000352091_00058_43699_0103.N1	09-JUL-2010 22:19:58	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	43699	No
241	GOM_NL__2PRFIN20100709_222750_000000442091_00058_43699_0104.N1	09-JUL-2010 22:27:50	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43699	No
242	GOM_NL__2PRFIN20100709_223630_000000462091_00058_43699_0105.N1	09-JUL-2010 22:36:30	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	43699	No
243	GOM_NL__2PRFIN20100709_224100_000000522091_00058_43699_0106.N1	09-JUL-2010 22:41:00	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	43699	No
244	GOM_NL__2PRFIN20100709_224255_000000412091_00058_43699_0107.N1	09-JUL-2010 22:42:55	Bright	41.000	175	39Del Per	3.0100	19400.	82	43699	No
245	GOM_NL__2PRFIN20100709_224505_000000552091_00058_43699_0108.N1	09-JUL-2010 22:45:05	Bright	55.000	79	26Bet Per	2.3100	13100.	110	43699	No
246	GOM_NL__2PRFIN20100709_224745_000000432091_00058_43699_0109.N1	09-JUL-2010 22:47:45	Bright	43.000	150	44Zet Per	2.8900	28000.	86	43699	No
247	GOM_NL__2PRFIN20100709_225011_000000432091_00058_43699_0110.N1	09-JUL-2010 22:50:11	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	43699	No
248	GOM_NL__2PRFIN20100709_225727_000000542091_00058_43699_0111.N1	09-JUL-2010 22:57:27	Dark	54.000	94	92Alp Cet	2.5260	3100.0	108	43699	No
249	GOM_NL__2PRFIN20100709_230935_000000432091_00058_43699_0112.N1	09-JUL-2010 23:09:35	Dark	42.500	157	The1Eri	2.9060	9300.0	85	43699	No
250	GOM_NL__2PRFIN20100709_231546_000000502091_00059_43700_0111.N1	09-JUL-2010 23:15:46	Dark	50.000	9	Alp Eri	0.45300	24000.	100	43700	No
251	GOM_NL__2PRFIN20100709_231755_000000512091_00059_43700_0112.N1	09-JUL-2010 23:17:55	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	43700	No
252	GOM_NL__2PRFIN20100709_232407_000000482091_00059_43700_0113.N1	09-JUL-2010 23:24:07	Straylight	48.000	63	Bet Gru	2.1500	2800.0	96	43700	No
253	GOM_NL__2PRFIN20100709_232553_000000572091_00059_43700_0114.N1	09-JUL-2010 23:25:53	Straylight	57.000	31	Alp Gru	1.7340	15200.	114	43700	No
254	GOM_NL__2PRFIN20100709_232726_000000412091_00059_43700_0115.N1	09-JUL-2010 23:27:26	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	43700	No
255	GOM_NL__2PRFIN20100709_232901_000000372091_00059_43700_0116.N1	09-JUL-2010 23:29:01	Straylight	37.000	172	Gam Gru	3.0030	13100.	74	43700	No
256	GOM_NL__2PRFIN20100709_233632_000000442091_00059_43700_0117.N1	09-JUL-2010 23:36:32	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	43700	No
257	GOM_NL__2PRFIN20100709_233907_000000422091_00059_43700_0118.N1	09-JUL-2010 23:39:07	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	43700	No
258	GOM_NL__2PRFIN20100709_235023_000000432091_00059_43700_0119.N1	09-JUL-2010 23:50:23	Bright	43.000	168	17Zet Aql	2.9860	11000.	86	43700	No
259	GOM_NL__2PRFIN20100709_235726_000000382091_00059_43700_0120.N1	09-JUL-2010 23:57:26	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	43700	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.

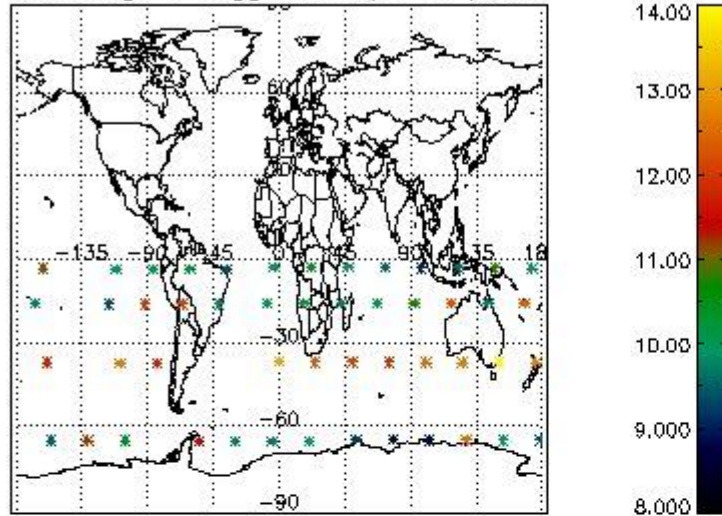
#### 3.1 Plot quality information per product (time dependant)



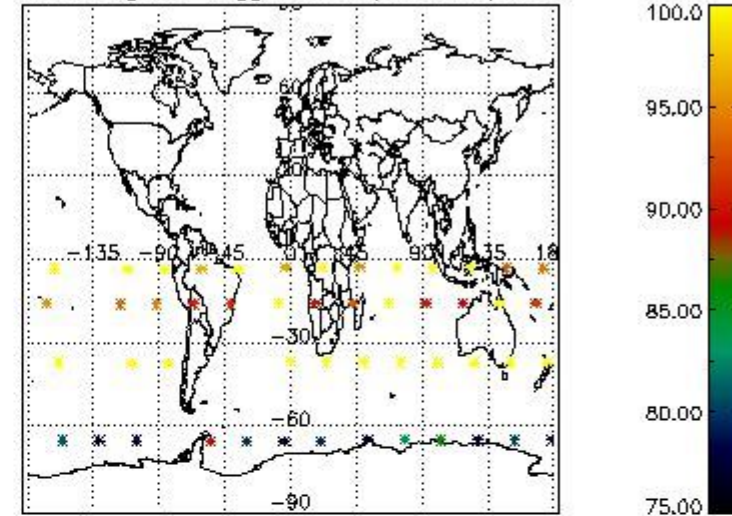
3.2 Plot quality information per product (world map)



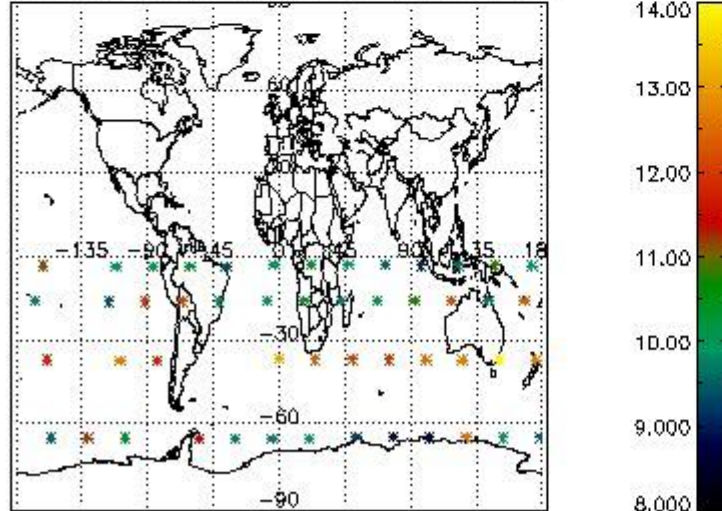
Percentage of flagged data per O3 profile



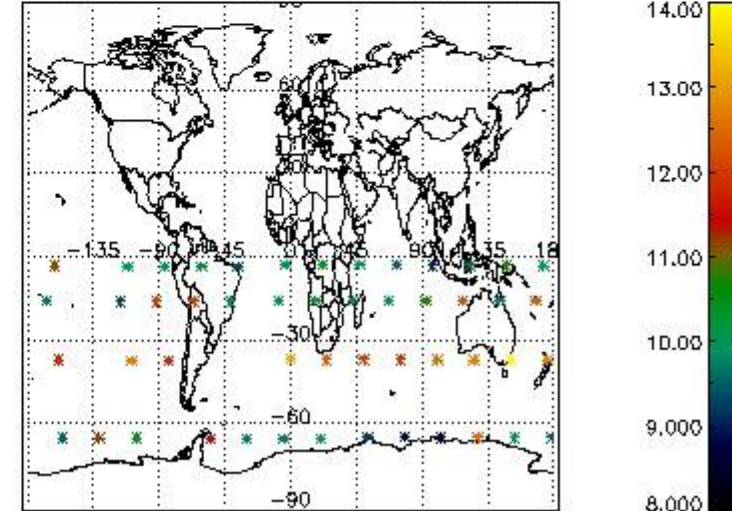
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



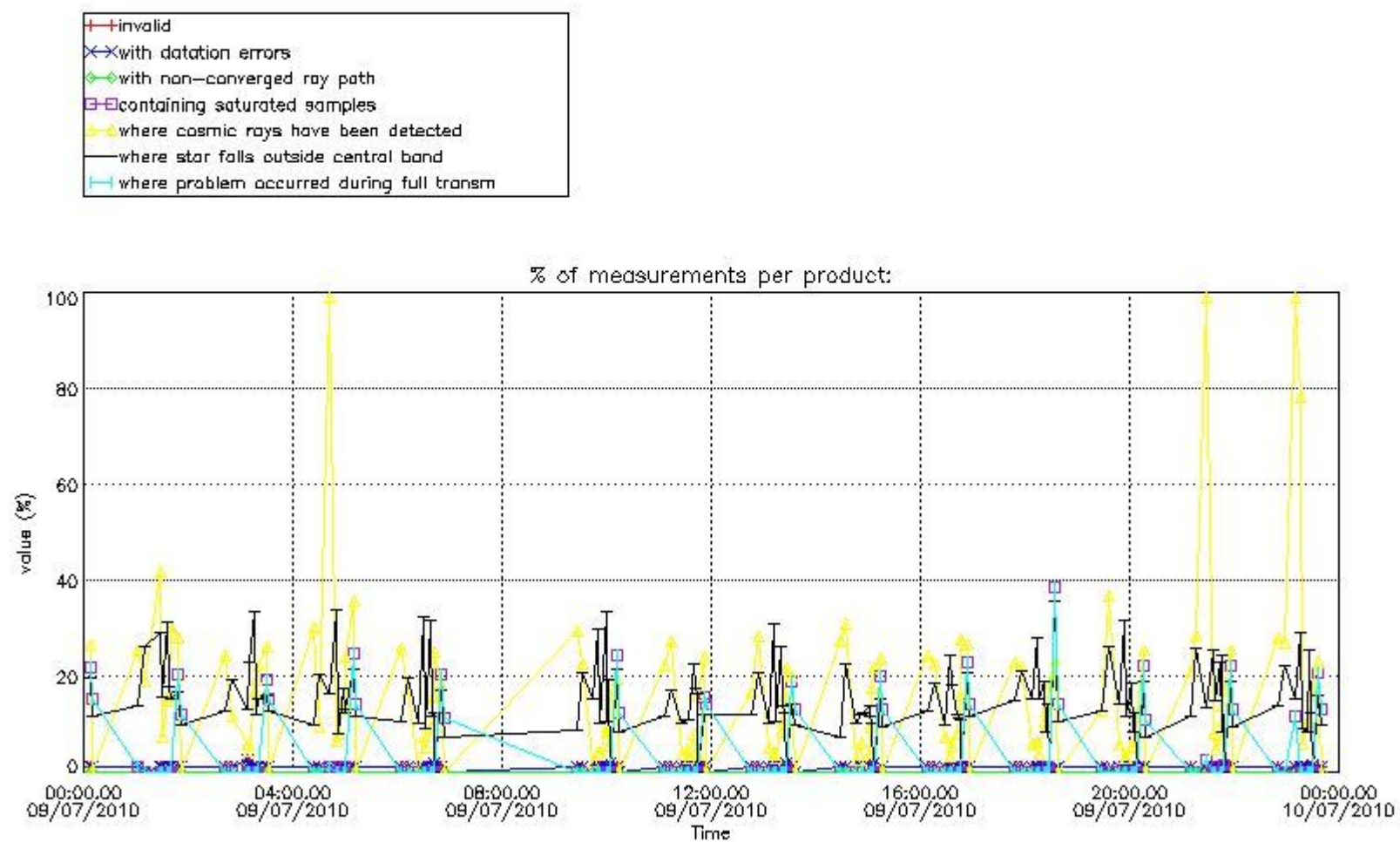
#### 4. Level 1 quality information per product

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.

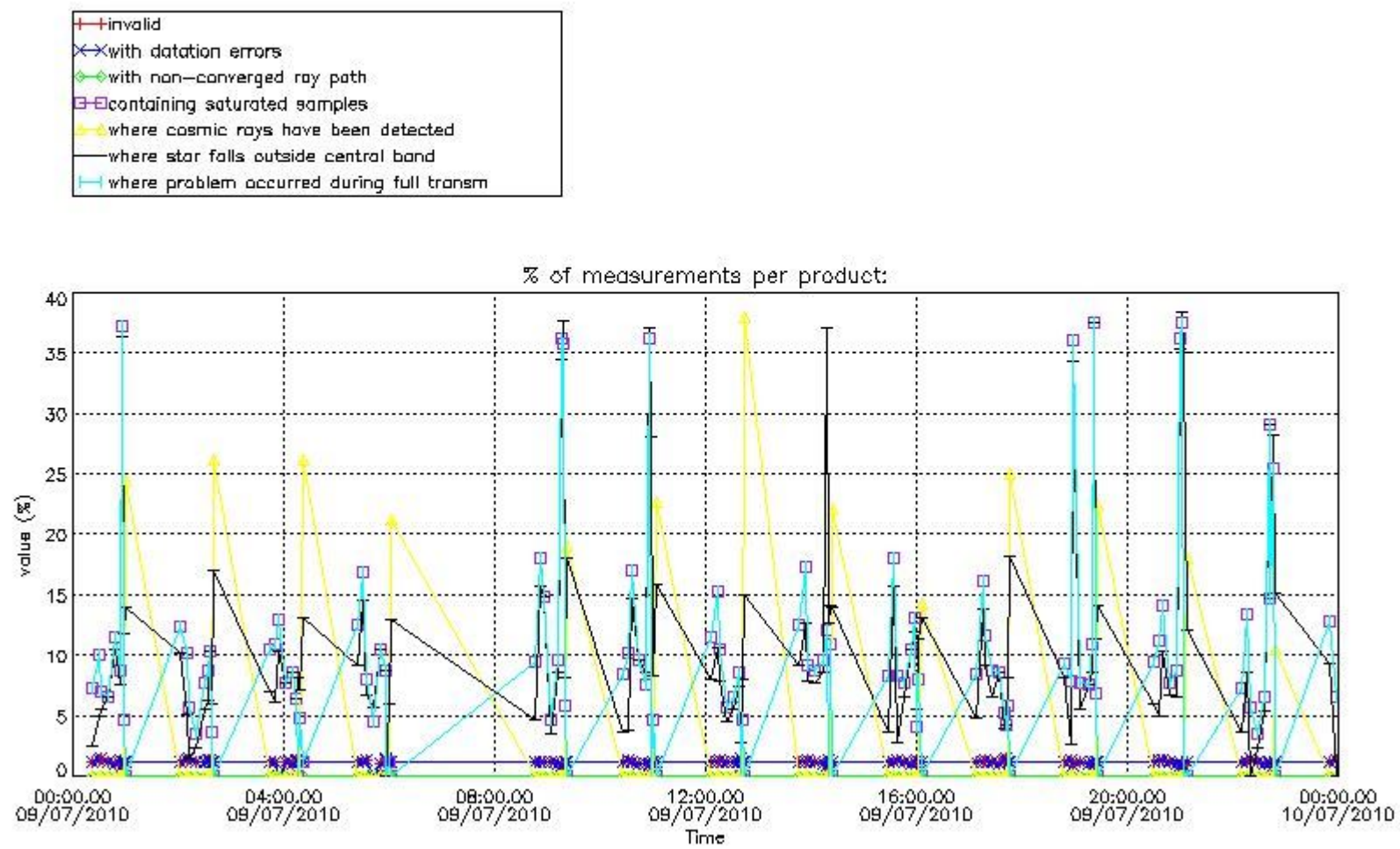
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



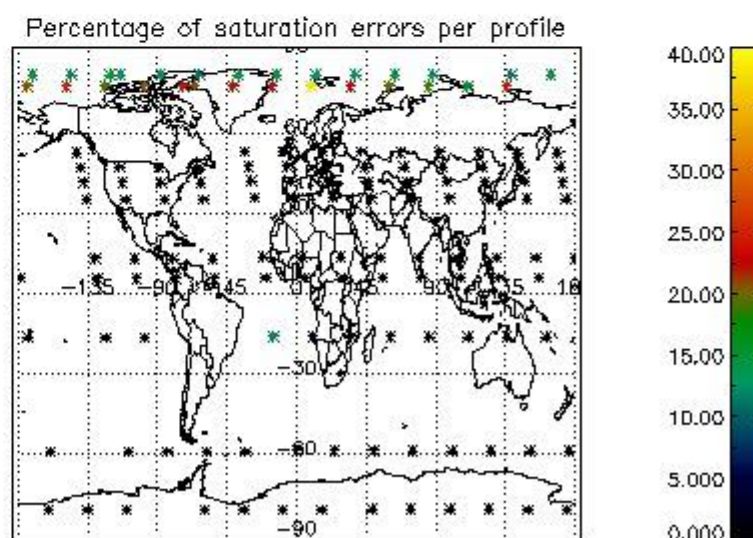
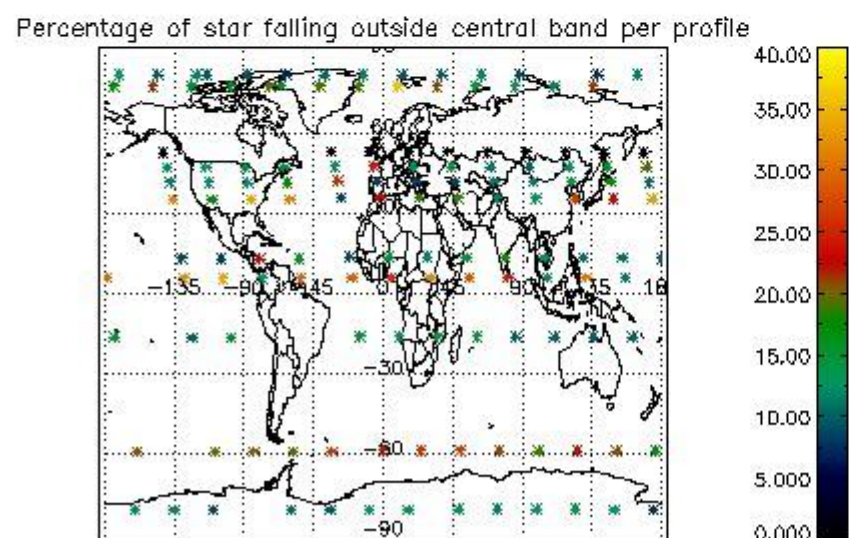
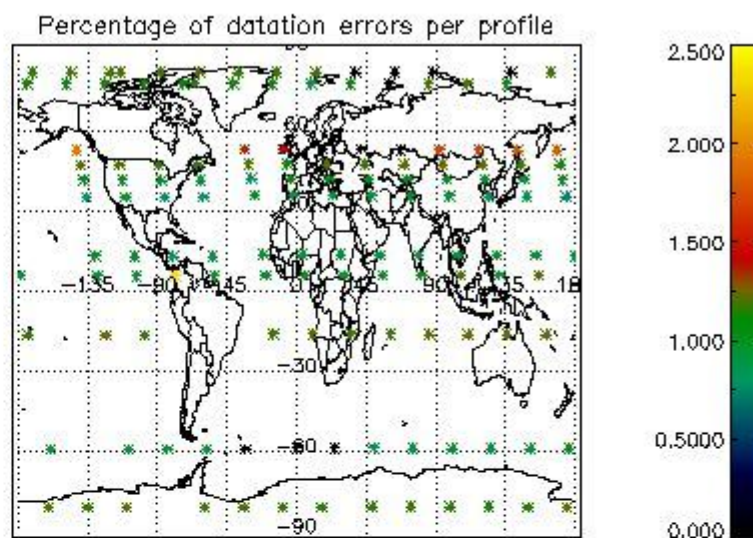
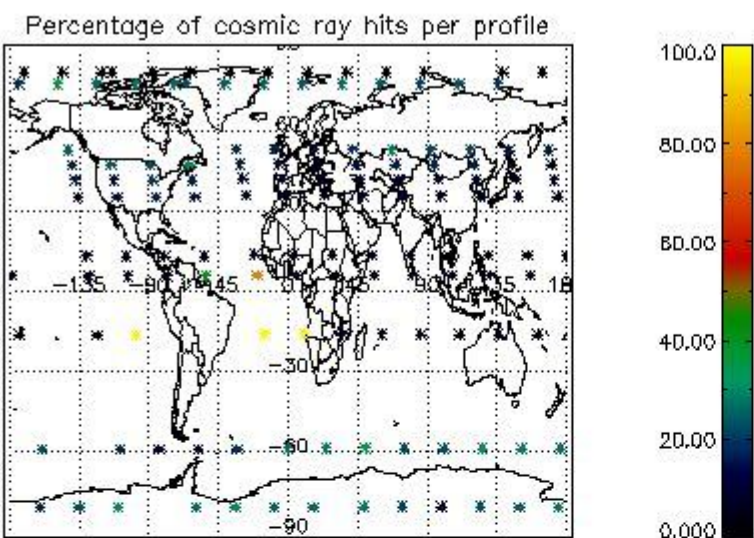


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes



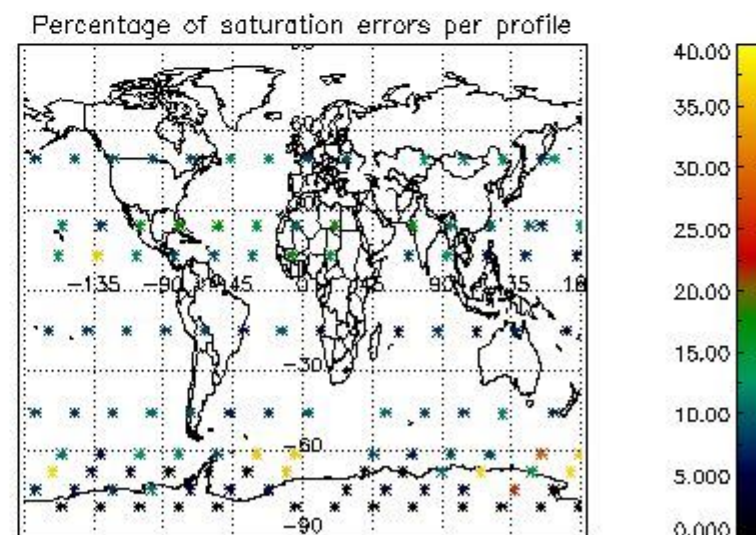
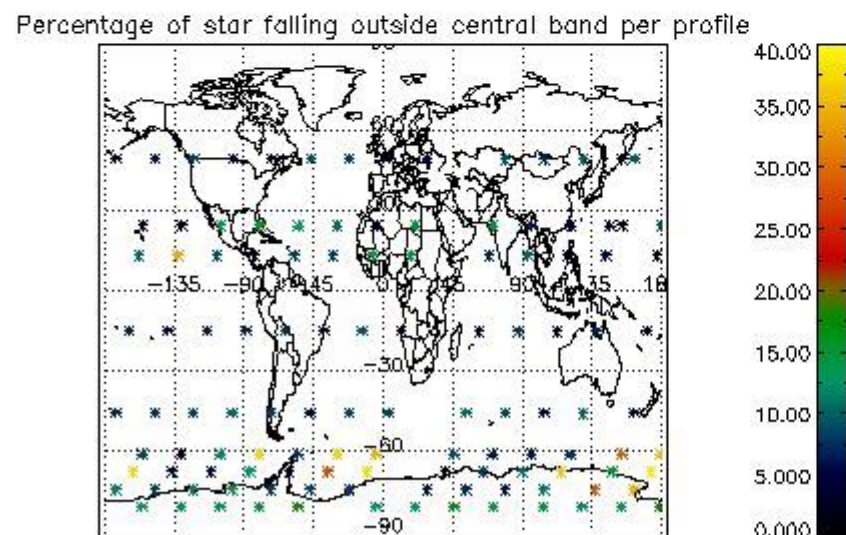
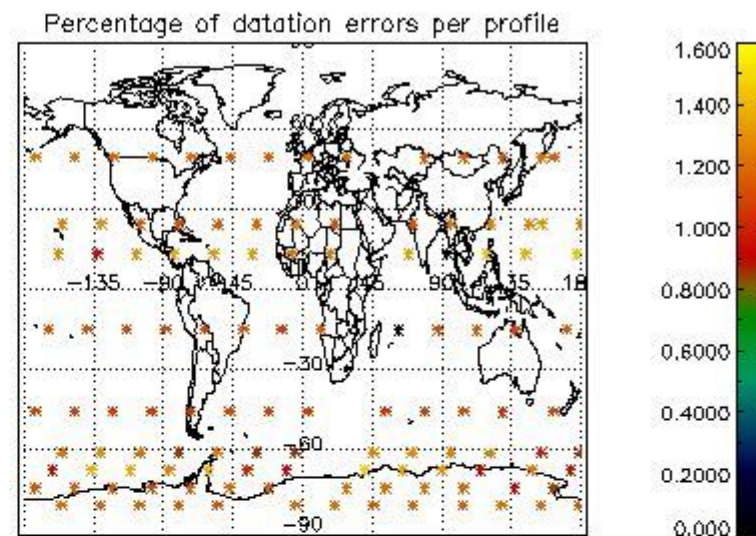
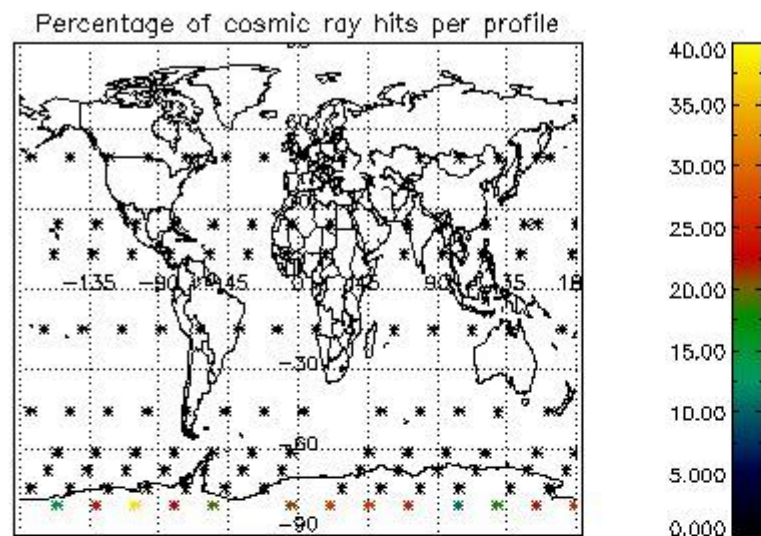
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

##### 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.

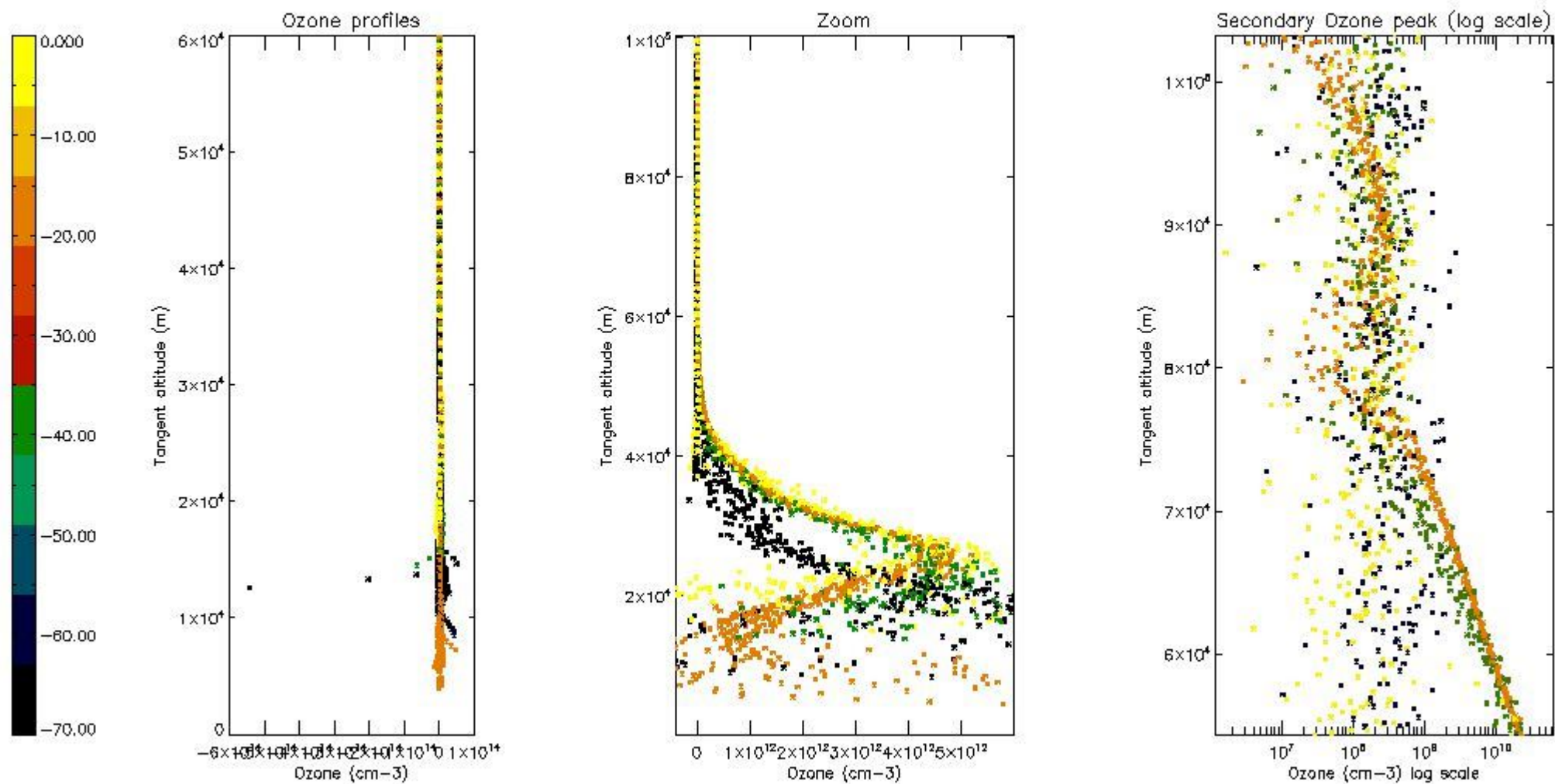
Criteria	% of total production
All STD	22
STD < 20	8



STD < 10	5
STD < 5	3

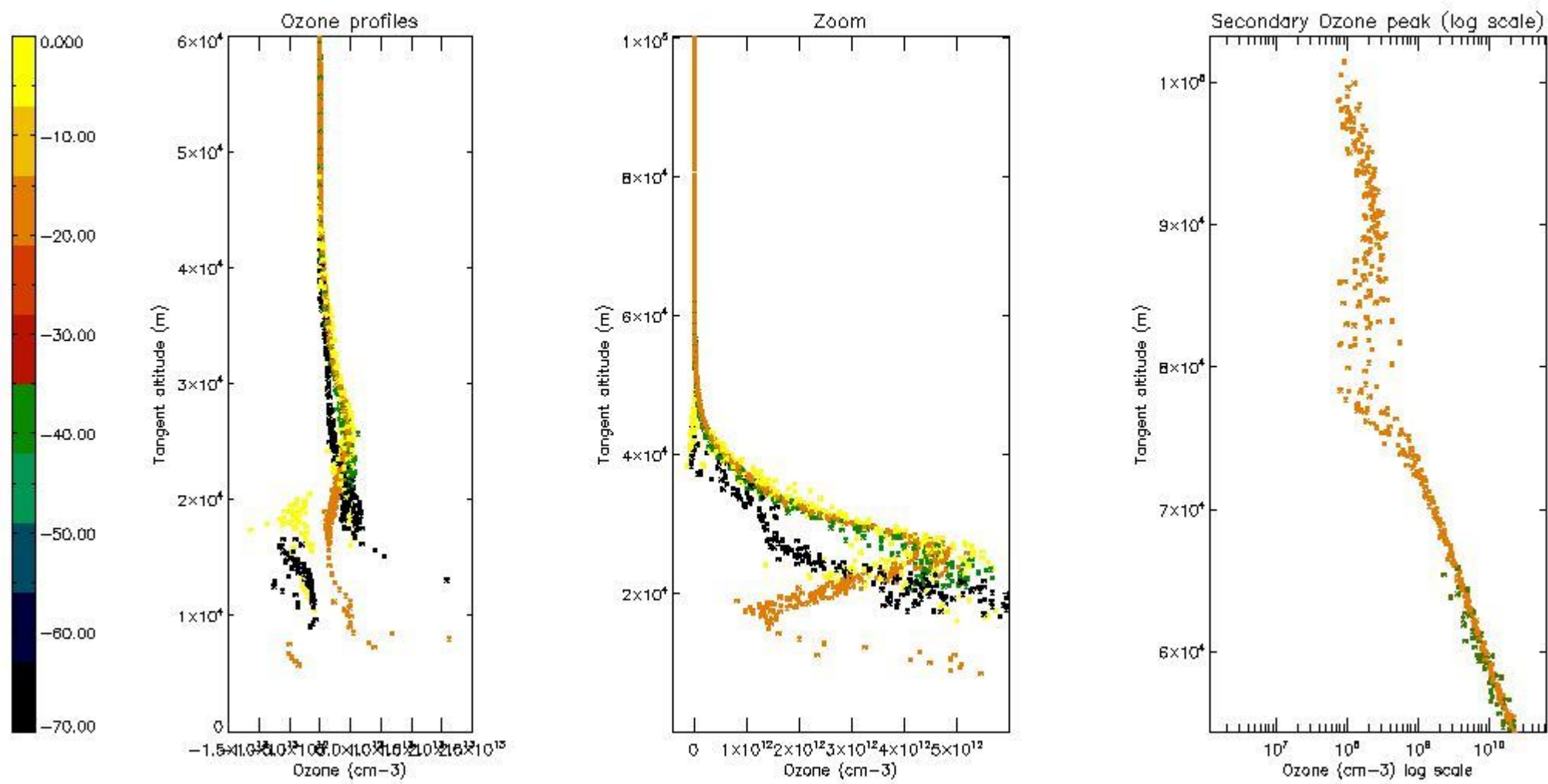
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



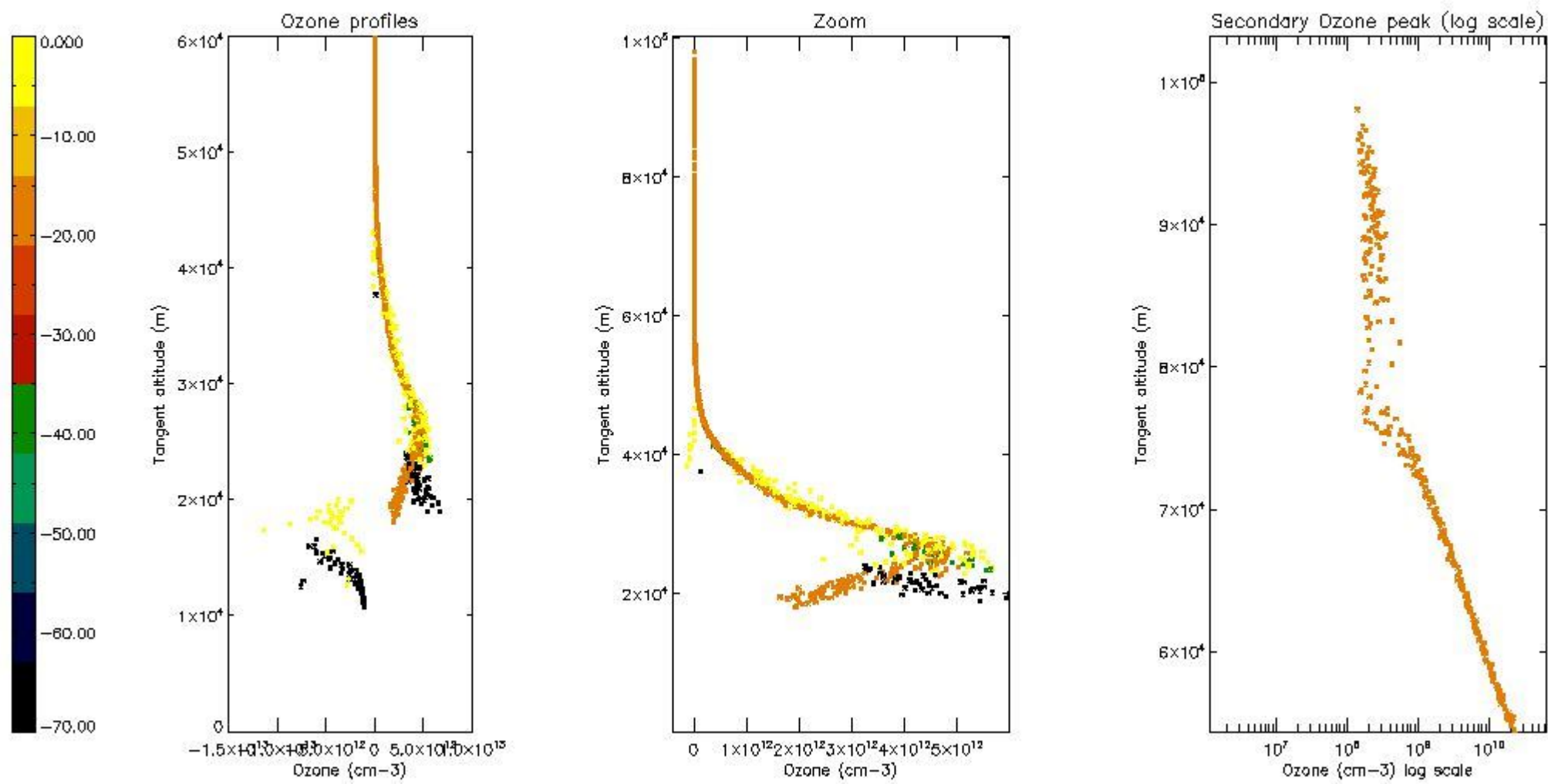
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



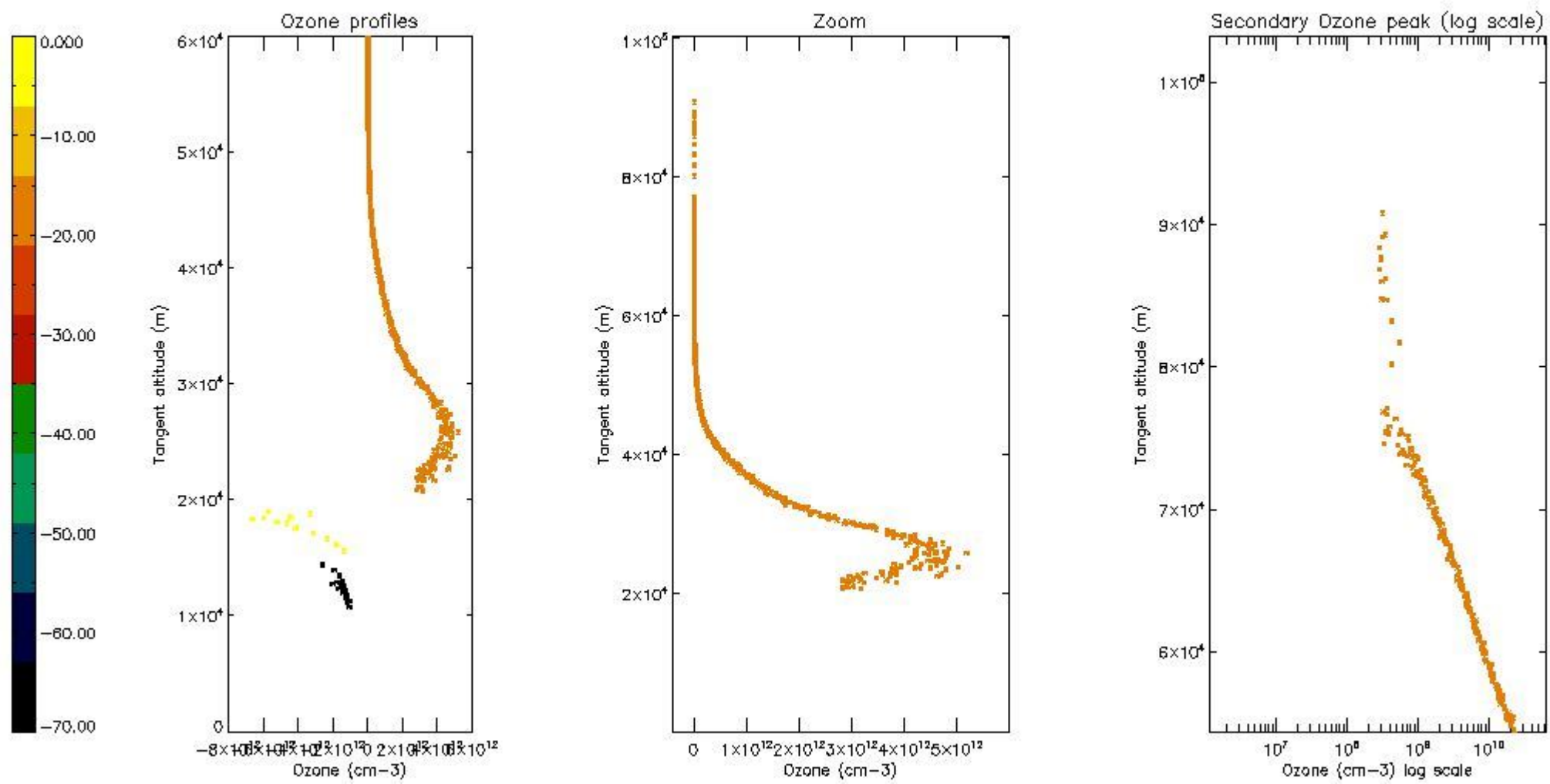
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



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

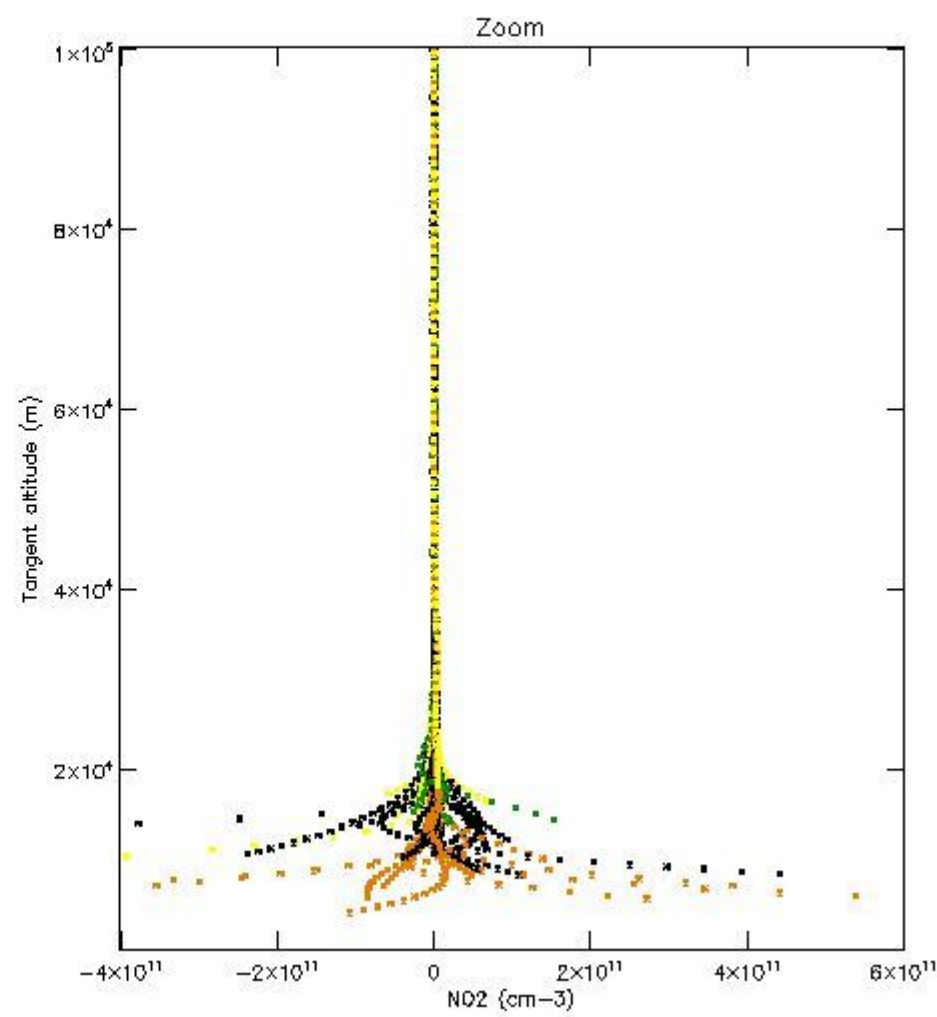
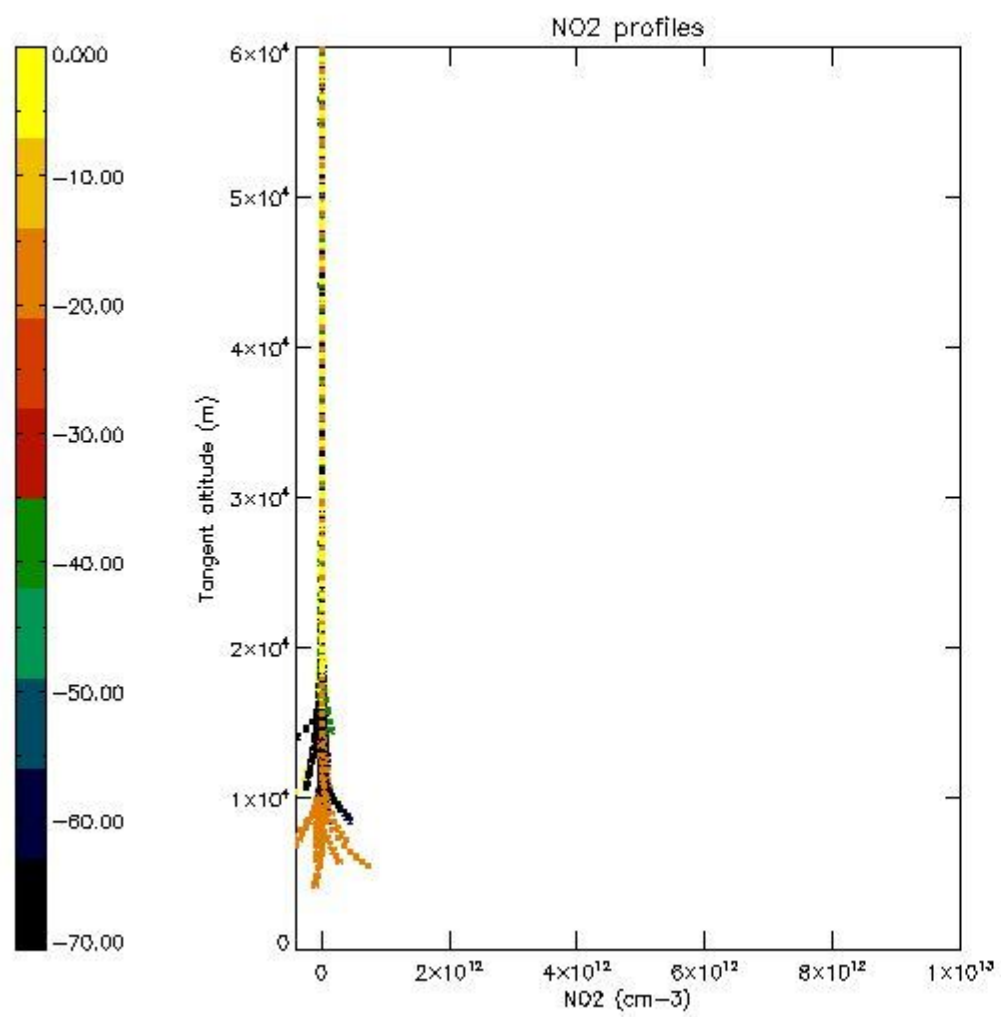
The colorbar represents the latitude.



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

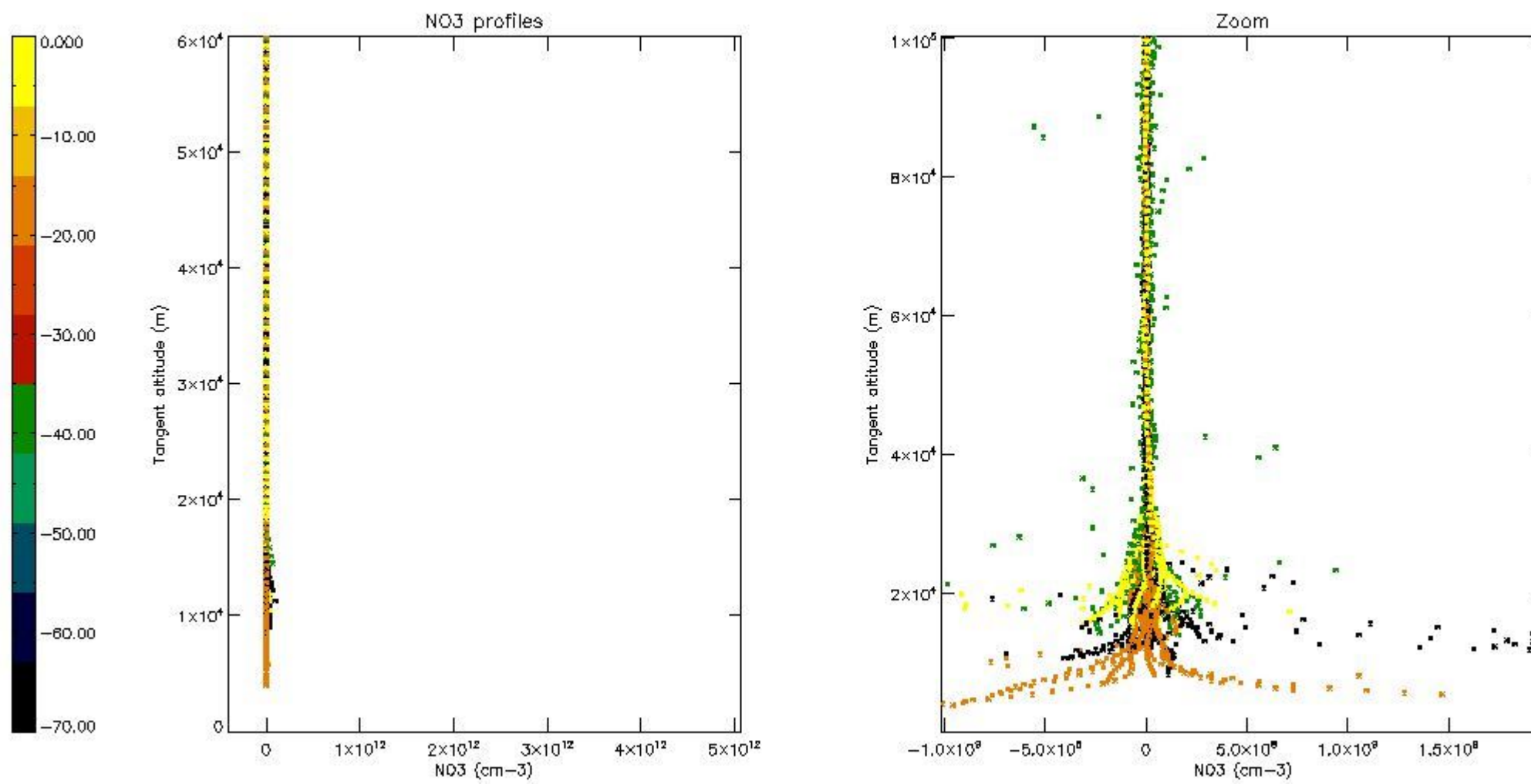
The colorbar represents the latitude.





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

The colorbar represents the latitude.



## 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	09-JUL-2010 00:08:05
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-JUL-2010 00:08:05
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-JUL-2010 00:08:05

# 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 12:49:34
Data source version	GOMOS/6.01
Start time of products	09-07-2010 (09JUL2010 00:00:00)
Stop time of products	10-07-2010 (10JUL2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	259
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__2PRFIN20100709_000805_000000462091_00045_43686_9748.N1	09-JUL-2010 00:08:05	Bright	45.500	103	38Zet Sgr	2.6000	9700.0	91	43686	No
2	GOM_NL__2PRFIN20100709_001042_000000432091_00045_43686_9749.N1	09-JUL-2010 00:10:42	Bright	42.500	155	41Pi Sgr	2.9000	6600.0	85	43686	No
3	GOM_NL__2PRFIN20100709_002205_000000422091_00045_43686_9750.N1	09-JUL-2010 00:22:05	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	43686	No
4	GOM_NL__2PRFIN20100709_002908_000000402091_00045_43686_9751.N1	09-JUL-2010 00:29:08	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	43686	No
5	GOM_NL__2PRFIN20100709_003213_000000362091_00045_43686_9752.N1	09-JUL-2010 00:32:13	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	43686	No
6	GOM_NL__2PRFIN20100709_004011_000000462091_00045_43686_9753.N1	09-JUL-2010 00:40:11	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	43686	No
7	GOM_NL__2PRFIN20100709_004849_000000482091_00045_43686_9754.N1	09-JUL-2010 00:48:49	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	43686	No
8	GOM_NL__2PRFIN20100709_005314_000000402091_00045_43686_9755.N1	09-JUL-2010 00:53:14	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	43686	No
9	GOM_NL__2PRFIN20100709_005509_000000552091_00045_43686_9756.N1	09-JUL-2010 00:55:09	Bright	55.000	175	39Del Per	3.0100	19400.	110	43686	No
10	GOM_NL__2PRFIN20100709_005718_000000432091_00045_43686_9757.N1	09-JUL-2010 00:57:18	Bright	42.500	79	26Bet Per	2.3100	13100.	85	43686	No
11	GOM_NL__2PRFIN20100709_005956_000000432091_00045_43686_9758.N1	09-JUL-2010 00:59:56	Bright	43.000	150	44Zet Per	2.8900	28000.	86	43686	No
12	GOM_NL__2PRFIN20100709_010221_000000432091_00045_43686_9759.N1	09-JUL-2010 01:02:21	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	43686	No
13	GOM_NL__2PRFIN20100709_010933_000000562091_00045_43686_9760.N1	09-JUL-2010 01:09:33	Dark	55.500	94	92Alp Cet	2.5260	3100.0	111	43686	No
14	GOM_NL__2PRFIN20100709_012752_000000522091_00046_43687_9757.N1	09-JUL-2010 01:27:52	Dark	51.500	9	Alp Eri	0.45300	24000.	103	43687	No
15	GOM_NL__2PRFIN20100709_012953_000000542091_00046_43687_9758.N1	09-JUL-2010 01:29:53	Dark	54.000	84	Alp Phe	2.3970	4500.0	108	43687	No
16	GOM_NL__2PRFIN20100709_013608_000000642091_00046_43687_9759.N1	09-JUL-2010 01:36:08	Straylight	64.000	63	Bet Gru	2.1500	2800.0	128	43687	No
17	GOM_NL__2PRFIN20100709_013755_000000532091_00046_43687_9760.N1	09-JUL-2010 01:37:55	Straylight	53.000	31	Alp Gru	1.7340	15200.	106	43687	No
18	GOM_NL__2PRFIN20100709_013933_000000432091_00046_43687_9761.N1	09-JUL-2010 01:39:33	Straylight	43.000	45	Alp Pav	1.9400	26000.	86	43687	No
19	GOM_NL__2PRFIN20100709_014842_000000452091_00046_43687_9762.N1	09-JUL-2010 01:48:42	Bright	44.500	103	38Zet Sgr	2.6000	9700.0	89	43687	No
20	GOM_NL__2PRFIN20100709_015117_000000422091_00046_43687_9763.N1	09-JUL-2010 01:51:17	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	43687	No
21	GOM_NL__2PRFIN20100709_020240_000000452091_00046_43687_9764.N1	09-JUL-2010 02:02:40	Bright	44.500	168	17Zet Aql	2.9860	11000.	89	43687	No
22	GOM_NL__2PRFIN20100709_020943_000000402091_00046_43687_9765.N1	09-JUL-2010 02:09:43	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	43687	No
23	GOM_NL__2PRFIN20100709_021249_000000352091_00046_43687_9766.N1	09-JUL-2010 02:12:49	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	43687	No
24	GOM_NL__2PRFIN20100709_022046_000000442091_00046_43687_9767.N1	09-JUL-2010 02:20:46	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43687	No
25	GOM_NL__2PRFIN20100709_022924_000000462091_00046_43687_9768.N1	09-JUL-2010 02:29:24	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	43687	No
26	GOM_NL__2PRFIN20100709_023350_000000402091_00046_43687_9769.N1	09-JUL-2010 02:33:50	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	43687	No
27	GOM_NL__2PRFIN20100709_023544_000000392091_00046_43687_9770.N1	09-JUL-2010 02:35:44	Bright	38.500	175	39Del Per	3.0100	19400.	77	43687	No
28	GOM_NL__2PRFIN20100709_023754_000000422091_00046_43687_9771.N1	09-JUL-2010 02:37:54	Bright	41.500	79	26Bet Per	2.3100	13100.	83	43687	No
29	GOM_NL__2PRFIN20100709_024032_000000442091_00046_43687_9772.N1	09-JUL-2010 02:40:32	Bright	44.000	150	44Zet Per	2.8900	28000.	88	43687	No
30	GOM_NL__2PRFIN20100709_024257_000000432091_00046_43687_9773.N1	09-JUL-2010 02:42:57	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	43687	No
31	GOM_NL__2PRFIN20100709_025009_000000522091_00046_43687_9774.N1	09-JUL-2010 02:50:09	Dark	52.000	94	92Alp Cet	2.5260	3100.0	104	43687	No
32	GOM_NL__2PRFIN20100709_030828_000000422091_00047_43688_9769.N1	09-JUL-2010 03:08:28	Dark	42.000	9	Alp Eri	0.45300	24000.	84	43688	No
33	GOM_NL__2PRFIN20100709_031030_000000592091_00047_43688_9770.N1	09-JUL-2010 03:10:30	Dark	58.500	84	Alp Phe	2.3970	4500.0	117	43688	No
34	GOM_NL__2PRFIN20100709_031645_000000662091_00047_43688_9771.N1	09-JUL-2010 03:16:45	Straylight	65.500	63	Bet Gru	2.1500	2800.0	131	43688	No
35	GOM_NL__2PRFIN20100709_031832_000000502091_00047_43688_9772.N1	09-JUL-2010 03:18:32	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	43688	No
36	GOM_NL__2PRFIN20100709_032010_000000432091_00047_43688_9773.N1	09-JUL-2010 03:20:10	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43688	No
37	GOM_NL__2PRFIN20100709_032918_000000442091_00047_43688_9774.N1	09-JUL-2010 03:29:18	Bright	44.000	103	38Zet Sgr	2.6000	9700.0	88	43688	No
38	GOM_NL__2PRFIN20100709_033154_000000432091_00047_43688_9775.N1	09-JUL-2010 03:31:54	Bright	43.000	155	41Pi Sgr	2.9000	6600.0	86	43688	No
39	GOM_NL__2PRFIN20100709_034316_000000432091_00047_43688_9776.N1	09-JUL-2010 03:43:16	Bright	43.000	168	17Zet Aql	2.9860	11000.	86	43688	No
40	GOM_NL__2PRFIN20100709_035019_000000412091_00047_43688_9777.N1	09-JUL-2010 03:50:19	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43688	No
41	GOM_NL__2PRFIN20100709_035325_000000392091_00047_43688_9778.N1	09-JUL-2010 03:53:25	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	43688	No
42	GOM_NL__2PRFIN20100709_040122_000000452091_00047_43688_9779.N1	09-JUL-2010 04:01:22	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	43688	No



43	GOM_NL__2PRFIN20100709_041000_000000472091_00047_43688_9780.N1	09-JUL-2010 04:10:00	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43688	No
44	GOM_NL__2PRFIN20100709_041426_000000392091_00047_43688_9781.N1	09-JUL-2010 04:14:26	Bright	39.000	160	23Gam Per	2.9300	4700.0	78	43688	No
45	GOM_NL__2PRFIN20100709_041620_000000372091_00047_43688_9782.N1	09-JUL-2010 04:16:20	Bright	37.000	175	39Del Per	3.0100	19400.	74	43688	No
46	GOM_NL__2PRFIN20100709_041830_000000422091_00047_43688_9783.N1	09-JUL-2010 04:18:30	Bright	42.000	79	26Bet Per	2.3100	13100.	84	43688	No
47	GOM_NL__2PRFIN20100709_042108_000000422091_00047_43688_9784.N1	09-JUL-2010 04:21:08	Bright	42.000	150	44Zet Per	2.8900	28000.	84	43688	No
48	GOM_NL__2PRFIN20100709_042334_000000422091_00047_43688_9785.N1	09-JUL-2010 04:23:34	Twilight	41.500	146	25Eta Tau	2.8730	15200.	83	43688	No
49	GOM_NL__2PRFIN20100709_043046_000000522091_00047_43688_9786.N1	09-JUL-2010 04:30:46	Dark	52.000	94	92Alp Cet	2.5260	3100.0	104	43688	No
50	GOM_NL__2PRFIN20100709_044254_000000432091_00047_43688_9787.N1	09-JUL-2010 04:42:54	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43688	No
51	GOM_NL__2PRFIN20100709_044905_000000552091_00048_43689_9783.N1	09-JUL-2010 04:49:05	Dark	55.000	9	Alp Eri	0.45300	24000.	110	43689	No
52	GOM_NL__2PRFIN20100709_045108_000000502091_00048_43689_9784.N1	09-JUL-2010 04:51:08	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	43689	No
53	GOM_NL__2PRFIN20100709_045722_000000522091_00048_43689_9785.N1	09-JUL-2010 04:57:22	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	43689	No
54	GOM_NL__2PRFIN20100709_045909_000000492091_00048_43689_9786.N1	09-JUL-2010 04:59:09	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	43689	No
55	GOM_NL__2PRFIN20100709_050047_000000422091_00048_43689_9787.N1	09-JUL-2010 05:00:47	Straylight	41.500	45	Alp Pav	1.9400	26000.	83	43689	No
56	GOM_NL__2PRFIN20100709_050954_000000472091_00048_43689_9788.N1	09-JUL-2010 05:09:54	Bright	46.500	103	38Zet Sgr	2.6000	9700.0	93	43689	No
57	GOM_NL__2PRFIN20100709_051230_000000432091_00048_43689_9789.N1	09-JUL-2010 05:12:30	Bright	42.500	155	41Pi Sgr	2.9000	6600.0	85	43689	No
58	GOM_NL__2PRFIN20100709_052351_000000442091_00048_43689_9790.N1	09-JUL-2010 05:23:51	Bright	44.000	168	17Zet Aql	2.9860	11000.	88	43689	No
59	GOM_NL__2PRFIN20100709_053055_000000452091_00048_43689_9791.N1	09-JUL-2010 05:30:55	Bright	44.500	5	3Alp Lyr	0.033000	11000.	89	43689	No
60	GOM_NL__2PRFIN20100709_053401_000000382091_00048_43689_9792.N1	09-JUL-2010 05:34:01	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	43689	No
61	GOM_NL__2PRFIN20100709_054157_000000442091_00048_43689_9793.N1	09-JUL-2010 05:41:57	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	43689	No
62	GOM_NL__2PRFIN20100709_055035_000000482091_00048_43689_9794.N1	09-JUL-2010 05:50:35	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	43689	No
63	GOM_NL__2PRFIN20100709_055502_000000402091_00048_43689_9795.N1	09-JUL-2010 05:55:02	Bright	40.000	160	23Gam Per	2.9300	4700.0	80	43689	No
64	GOM_NL__2PRFIN20100709_055656_000000342091_00048_43689_9796.N1	09-JUL-2010 05:56:56	Bright	34.000	175	39Del Per	3.0100	19400.	68	43689	No
65	GOM_NL__2PRFIN20100709_055906_000000422091_00048_43689_9797.N1	09-JUL-2010 05:59:06	Bright	41.500	79	26Bet Per	2.3100	13100.	83	43689	No
66	GOM_NL__2PRFIN20100709_060144_000000432091_00048_43689_9798.N1	09-JUL-2010 06:01:44	Bright	42.500	150	44Zet Per	2.8900	28000.	85	43689	No
67	GOM_NL__2PRFIN20100709_060410_000000432091_00048_43689_9799.N1	09-JUL-2010 06:04:10	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	43689	No
68	GOM_NL__2PRFIN20100709_061122_000000532091_00048_43689_9800.N1	09-JUL-2010 06:11:22	Dark	53.000	94	92Alp Cet	2.5260	3100.0	106	43689	No
69	GOM_NL__2PRFIN20100709_062330_000000402091_00048_43689_9801.N1	09-JUL-2010 06:23:30	Dark	40.000	157	The1Eri	2.9060	9300.0	80	43689	No
70	GOM_NL__2PRFIN20100709_062941_000000542091_00049_43690_9793.N1	09-JUL-2010 06:29:41	Dark	54.000	9	Alp Eri	0.45300	24000.	108	43690	No
71	GOM_NL__2PRFIN20100709_063145_000000512091_00049_43690_9794.N1	09-JUL-2010 06:31:45	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	43690	No
72	GOM_NL__2PRFIN20100709_063759_000000652091_00049_43690_9795.N1	09-JUL-2010 06:37:59	Straylight	64.500	63	Bet Gru	2.1500	2800.0	129	43690	No
73	GOM_NL__2PRFIN20100709_063946_000000482091_00049_43690_9796.N1	09-JUL-2010 06:39:46	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	43690	No
74	GOM_NL__2PRFIN20100709_064123_000000412091_00049_43690_9797.N1	09-JUL-2010 06:41:23	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	43690	No
75	GOM_NL__2PRFIN20100709_064253_000000262091_00049_43690_9798.N1	09-JUL-2010 06:42:53	Straylight	26.000	172	Gam Gru	3.0030	13100.	52	43690	No
76	GOM_NL__2PRFIN20100709_065030_000000442091_00049_43690_9799.N1	09-JUL-2010 06:50:30	Bright	44.000	103	38Zet Sgr	2.6000	9700.0	88	43690	No
77	GOM_NL__2PRFIN20100709_065306_000000412091_00049_43690_9800.N1	09-JUL-2010 06:53:06	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	43690	No
78	GOM_NL__2PRFIN20100709_084503_000000432091_00050_43691_9827.N1	09-JUL-2010 08:45:03	Bright	42.500	168	17Zet Aql	2.9860	11000.	85	43691	No
79	GOM_NL__2PRFIN20100709_085206_000000452091_00050_43691_9828.N1	09-JUL-2010 08:52:06	Bright	44.500	5	3Alp Lyr	0.033000	11000.	89	43691	No
80	GOM_NL__2PRFIN20100709_085512_000000412091_00050_43691_9829.N1	09-JUL-2010 08:55:12	Bright	40.500	69	33Gam Dra	2.2310	3800.0	81	43691	No
81	GOM_NL__2PRFIN20100709_090308_000000442091_00050_43691_9830.N1	09-JUL-2010 09:03:08	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43691	No
82	GOM_NL__2PRFIN20100709_091146_000000472091_00050_43691_9831.N1	09-JUL-2010 09:11:46	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43691	No
83	GOM_NL__2PRFIN20100709_091613_000000582091_00050_43691_9832.N1	09-JUL-2010 09:16:13	Bright	58.000	160	23Gam Per	2.9300	4700.0	116	43691	No
84	GOM_NL__2PRFIN20100709_091808_000000552091_00050_43691_9833.N1	09-JUL-2010 09:18:08	Bright	54.500	175	39Del Per	3.0100	19400.	109	43691	No
85	GOM_NL__2PRFIN20100709_092018_000000432091_00050_43691_9834.N1	09-JUL-2010 09:20:18	Bright	43.000	79	26Bet Per	2.3100	13100.	86	43691	No
86	GOM_NL__2PRFIN20100709_092257_000000452091_00050_43691_9835.N1	09-JUL-2010 09:22:57	Bright	44.500	150	44Zet Per	2.8900	28000.	89	43691	No
87	GOM_NL__2PRFIN20100709_092522_000000412091_00050_43691_9836.N1	09-JUL-2010 09:25:22	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	43691	No
88	GOM_NL__2PRFIN20100709_093235_000000542091_00050_43691_9837.N1	09-JUL-2010 09:32:35	Dark	53.500	94	92Alp Cet	2.5260	3100.0	107	43691	No
89	GOM_NL__2PRFIN20100709_094443_000000432091_00050_43691_9838.N1	09-JUL-2010 09:44:43	Dark	43.000	157	The1Eri	2.9060	9300.0	86	43691	No
90	GOM_NL__2PRFIN20100709_095054_000000522091_00051_43692_9854.N1	09-JUL-2010 09:50:54	Dark	52.000	9	Alp Eri	0.45300	24000.	104	43692	No
91	GOM_NL__2PRFIN20100709_095259_000000502091_00051_43692_9855.N1	09-JUL-2010 09:52:59	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	43692	No
92	GOM_NL__2PRFIN20100709_095913_000000662091_00051_43692_9856.N1	09-JUL-2010 09:59:13	Straylight	66.000	63	Bet Gru	2.1500	2800.0	132	43692	No
93	GOM_NL__2PRFIN20100709_100059_000000482091_00051_43692_9857.N1	09-JUL-2010 10:00:59	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	43692	No
94	GOM_NL__2PRFIN20100709_100236_000000452091_00051_43692_9858.N1	09-JUL-2010 10:02:36	Straylight	44.500	45	Alp Pav	1.9400	26000.	89	43692	No
95	GOM_NL__2PRFIN20100709_100406_000000282091_00051_43692_9859.N1	09-JUL-2010 10:04:06	Straylight	28.000	172	Gam Gru	3.0030	13100.	56	43692	No
96	GOM_NL__2PRFIN20100709_101142_000000472091_00051_43692_9860.N1	09-JUL-2010 10:11:42	Bright	47.000	103	38Zet Sgr	2.6000	9700.0	94	43692	No
97	GOM_NL__2PRFIN20100709_101418_000000412091_00051_43692_9861.N1	09-JUL-2010 10:14:18	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	43692	No
98	GOM_NL__2PRFIN20100709_102539_000000422091_00051_43692_9862.N1	09-JUL-2010 10:25:39	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	43692	No
99	GOM_NL__2PRFIN20100709_103242_000000402091_00051_43692_9863.N1	09-JUL-2010 10:32:42	Bright	39.500	5	3Alp Lyr	0.033000	11000.	79	43692	No
100	GOM_NL__2PRFIN20100709_103548_000000412091_00051_43692_9864.N1	09-JUL-2010 10:35:48	Bright	41.000	69	33Gam Dra	2.2310	3800.0	82	43692	No
101	GOM_NL__2PRFIN20100709_104343_000000472091_00051_43692_9865.N1	09-JUL-2010 10:43:43	Bright	47.000	89	5Alp Cep	2.4510	8000.0	94	43692	No

102	GOM_NL__2PRFIN20100709_105222_000000472091_00051_43692_9866.N1	09-JUL-2010 10:52:22	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	43692	No
103	GOM_NL__2PRFIN20100709_105649_000000582091_00051_43692_9867.N1	09-JUL-2010 10:56:49	Bright	58.000	160	23Gam Per	2.9300	4700.0	116	43692	No
104	GOM_NL__2PRFIN20100709_105844_000000502091_00051_43692_9868.N1	09-JUL-2010 10:58:44	Bright	50.000	175	39Del Per	3.0100	19400.	100	43692	No
105	GOM_NL__2PRFIN20100709_110054_000000432091_00051_43692_9869.N1	09-JUL-2010 11:00:54	Bright	42.500	79	26Bet Per	2.3100	13100.	85	43692	No
106	GOM_NL__2PRFIN20100709_110332_000000442091_00051_43692_9870.N1	09-JUL-2010 11:03:32	Bright	44.000	150	44Zet Per	2.8900	28000.	88	43692	No
107	GOM_NL__2PRFIN20100709_110558_000000432091_00051_43692_9871.N1	09-JUL-2010 11:05:58	Twilight	42.500	146	25Eta Tau	2.8730	15200.	85	43692	No
108	GOM_NL__2PRFIN20100709_111312_000000502091_00051_43692_9872.N1	09-JUL-2010 11:13:12	Dark	49.500	94	92Alp Cet	2.5260	3100.0	99	43692	No
109	GOM_NL__2PRFIN20100709_112519_000000402091_00051_43692_9873.N1	09-JUL-2010 11:25:19	Dark	40.000	157	The1Eri	2.9060	9300.0	80	43692	No
110	GOM_NL__2PRFIN20100709_113131_000000412091_00052_43693_9881.N1	09-JUL-2010 11:31:31	Dark	41.000	9	Alp Eri	0.45300	24000.	82	43693	No
111	GOM_NL__2PRFIN20100709_113336_000000512091_00052_43693_9882.N1	09-JUL-2010 11:33:36	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	43693	No
112	GOM_NL__2PRFIN20100709_113949_000000582091_00052_43693_9883.N1	09-JUL-2010 11:39:49	Straylight	57.500	63	Bet Gru	2.1500	2800.0	115	43693	No
113	GOM_NL__2PRFIN20100709_114136_000000522091_00052_43693_9884.N1	09-JUL-2010 11:41:36	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	43693	No
114	GOM_NL__2PRFIN20100709_114312_000000432091_00052_43693_9885.N1	09-JUL-2010 11:43:12	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43693	No
115	GOM_NL__2PRFIN20100709_114443_000000282091_00052_43693_9886.N1	09-JUL-2010 11:44:43	Straylight	28.000	172	Gam Gru	3.0030	13100.	56	43693	No
116	GOM_NL__2PRFIN20100709_115219_000000422091_00052_43693_9887.N1	09-JUL-2010 11:52:19	Bright	41.500	103	38Zet Sgr	2.6000	9700.0	83	43693	No
117	GOM_NL__2PRFIN20100709_115454_000000422091_00052_43693_9888.N1	09-JUL-2010 11:54:54	Bright	42.000	155	41Pi Sgr	2.9000	6600.0	84	43693	No
118	GOM_NL__2PRFIN20100709_120614_000000442091_00052_43693_9889.N1	09-JUL-2010 12:06:14	Bright	43.500	168	17Zet Aql	2.9860	11000.	87	43693	No
119	GOM_NL__2PRFIN20100709_121317_000000432091_00052_43693_9890.N1	09-JUL-2010 12:13:17	Bright	42.500	5	3Alp Lyr	0.033000	11000.	85	43693	No
120	GOM_NL__2PRFIN20100709_121624_000000382091_00052_43693_9891.N1	09-JUL-2010 12:16:24	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	43693	No
121	GOM_NL__2PRFIN20100709_122418_000000452091_00052_43693_9892.N1	09-JUL-2010 12:24:18	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	43693	No
122	GOM_NL__2PRFIN20100709_123257_000000462091_00052_43693_9893.N1	09-JUL-2010 12:32:57	Bright	45.500	76	27Gam Cas	2.3000	30000.	91	43693	No
123	GOM_NL__2PRFIN20100709_123725_000000412091_00052_43693_9894.N1	09-JUL-2010 12:37:25	Bright	40.500	160	23Gam Per	2.9300	4700.0	81	43693	No
124	GOM_NL__2PRFIN20100709_123920_000000362091_00052_43693_9895.N1	09-JUL-2010 12:39:20	Bright	35.500	175	39Del Per	3.0100	19400.	71	43693	No
125	GOM_NL__2PRFIN20100709_124130_000000442091_00052_43693_9896.N1	09-JUL-2010 12:41:30	Bright	43.500	79	26Bet Per	2.3100	13100.	87	43693	No
126	GOM_NL__2PRFIN20100709_124408_000000442091_00052_43693_9897.N1	09-JUL-2010 12:44:08	Bright	43.500	150	44Zet Per	2.8900	28000.	87	43693	No
127	GOM_NL__2PRFIN20100709_124634_000000422091_00052_43693_9898.N1	09-JUL-2010 12:46:34	Twilight	42.000	146	25Eta Tau	2.8730	15200.	84	43693	No
128	GOM_NL__2PRFIN20100709_125348_000000532091_00052_43693_9899.N1	09-JUL-2010 12:53:48	Dark	53.000	94	92Alp Cet	2.5260	3100.0	106	43693	No
129	GOM_NL__2PRFIN20100709_130556_000000402091_00052_43693_9900.N1	09-JUL-2010 13:05:56	Dark	40.000	157	The1Eri	2.9060	9300.0	80	43693	No
130	GOM_NL__2PRFIN20100709_131207_000000522091_00053_43694_9914.N1	09-JUL-2010 13:12:07	Dark	52.000	9	Alp Eri	0.45300	24000.	104	43694	No
131	GOM_NL__2PRFIN20100709_131413_000000522091_00053_43694_9915.N1	09-JUL-2010 13:14:13	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	43694	No
132	GOM_NL__2PRFIN20100709_132026_000000592091_00053_43694_9916.N1	09-JUL-2010 13:20:26	Straylight	59.000	63	Bet Gru	2.1500	2800.0	118	43694	No
133	GOM_NL__2PRFIN20100709_132212_000000512091_00053_43694_9917.N1	09-JUL-2010 13:22:12	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	43694	No
134	GOM_NL__2PRFIN20100709_132348_000000412091_00053_43694_9918.N1	09-JUL-2010 13:23:48	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	43694	No
135	GOM_NL__2PRFIN20100709_132520_000000302091_00053_43694_9919.N1	09-JUL-2010 13:25:20	Straylight	30.000	172	Gam Gru	3.0030	13100.	60	43694	No
136	GOM_NL__2PRFIN20100709_133255_000000432091_00053_43694_9920.N1	09-JUL-2010 13:32:55	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	43694	No
137	GOM_NL__2PRFIN20100709_133530_000000422091_00053_43694_9921.N1	09-JUL-2010 13:35:30	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	43694	No
138	GOM_NL__2PRFIN20100709_134650_000000442091_00053_43694_9922.N1	09-JUL-2010 13:46:50	Bright	44.000	168	17Zet Aql	2.9860	11000.	88	43694	No
139	GOM_NL__2PRFIN20100709_135353_000000442091_00053_43694_9923.N1	09-JUL-2010 13:53:53	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	43694	No
140	GOM_NL__2PRFIN20100709_135659_000000382091_00053_43694_9924.N1	09-JUL-2010 13:56:59	Bright	38.000	69	33Gam Dra	2.2310	3800.0	76	43694	No
141	GOM_NL__2PRFIN20100709_140454_000000462091_00053_43694_9925.N1	09-JUL-2010 14:04:54	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	43694	No
142	GOM_NL__2PRFIN20100709_141332_000000472091_00053_43694_9926.N1	09-JUL-2010 14:13:32	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43694	No
143	GOM_NL__2PRFIN20100709_141801_000000582091_00053_43694_9927.N1	09-JUL-2010 14:18:01	Bright	58.000	160	23Gam Per	2.9300	4700.0	116	43694	No
144	GOM_NL__2PRFIN20100709_141956_000000402091_00053_43694_9928.N1	09-JUL-2010 14:19:56	Bright	39.500	175	39Del Per	3.0100	19400.	79	43694	No
145	GOM_NL__2PRFIN20100709_142206_000000462091_00053_43694_9929.N1	09-JUL-2010 14:22:06	Bright	46.000	79	26Bet Per	2.3100	13100.	92	43694	No
146	GOM_NL__2PRFIN20100709_142445_000000432091_00053_43694_9930.N1	09-JUL-2010 14:24:45	Bright	43.000	150	44Zet Per	2.8900	28000.	86	43694	No
147	GOM_NL__2PRFIN20100709_142710_000000412091_00053_43694_9931.N1	09-JUL-2010 14:27:10	Twilight	40.500	146	25Eta Tau	2.8730	15200.	81	43694	No
148	GOM_NL__2PRFIN20100709_143425_000000542091_00053_43694_9932.N1	09-JUL-2010 14:34:25	Dark	53.500	94	92Alp Cet	2.5260	3100.0	107	43694	No
149	GOM_NL__2PRFIN20100709_144632_000000402091_00053_43694_9933.N1	09-JUL-2010 14:46:32	Dark	40.000	157	The1Eri	2.9060	9300.0	80	43694	No
150	GOM_NL__2PRFIN20100709_145244_000000422091_00054_43695_9944.N1	09-JUL-2010 14:52:44	Dark	41.500	9	Alp Eri	0.45300	24000.	83	43695	No
151	GOM_NL__2PRFIN20100709_145450_000000532091_00054_43695_9945.N1	09-JUL-2010 14:54:50	Dark	52.500	84	Alp Phe	2.3970	4500.0	105	43695	No
152	GOM_NL__2PRFIN20100709_150103_000000512091_00054_43695_9946.N1	09-JUL-2010 15:01:03	Straylight	51.000	63	Bet Gru	2.1500	2800.0	102	43695	No
153	GOM_NL__2PRFIN20100709_150249_000000482091_00054_43695_9947.N1	09-JUL-2010 15:02:49	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	43695	No
154	GOM_NL__2PRFIN20100709_150424_000000402091_00054_43695_9948.N1	09-JUL-2010 15:04:24	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	43695	No
155	GOM_NL__2PRFIN20100709_150557_000000302091_00054_43695_9949.N1	09-JUL-2010 15:05:57	Straylight	30.000	172	Gam Gru	3.0030	13100.	60	43695	No
156	GOM_NL__2PRFIN20100709_151331_000000432091_00054_43695_9950.N1	09-JUL-2010 15:13:31	Bright	42.500	103	38Zet Sgr	2.6000	9700.0	85	43695	No
157	GOM_NL__2PRFIN20100709_151607_000000422091_00054_43695_9951.N1	09-JUL-2010 15:16:07	Bright	42.000	155	41Pi Sgr	2.9000	6600.0	84	43695	No
158	GOM_NL__2PRFIN20100709_152725_000000422091_00054_43695_9952.N1	09-JUL-2010 15:27:25	Bright	42.000	168	17Zet Aql	2.9860	11000.	84	43695	No
159	GOM_NL__2PRFIN20100709_153428_000000452091_00054_43695_9953.N1	09-JUL-2010 15:34:28	Bright	44.500	5	3Alp Lyr	0.033000	11000.	89	43695	No
160	GOM_NL__2PRFIN20100709_153735_000000372091_00054_43695_9954.N1	09-JUL-2010 15:37:35	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	43695	No

161	GOM_NL__2PRFIN20100709_154529_000000462091_00054_43695_9955.N1	09-JUL-2010 15:45:29	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	43695	No
162	GOM_NL__2PRFIN20100709_155408_000000482091_00054_43695_9956.N1	09-JUL-2010 15:54:08	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	43695	No
163	GOM_NL__2PRFIN20100709_155837_000000422091_00054_43695_9957.N1	09-JUL-2010 15:58:37	Bright	42.000	160	23Gam Per	2.9300	4700.0	84	43695	No
164	GOM_NL__2PRFIN20100709_160032_000000372091_00054_43695_9958.N1	09-JUL-2010 16:00:32	Bright	36.500	175	39Del Per	3.0100	19400.	73	43695	No
165	GOM_NL__2PRFIN20100709_160241_000000442091_00054_43695_9959.N1	09-JUL-2010 16:02:41	Bright	44.000	79	26Bet Per	2.3100	13100.	88	43695	No
166	GOM_NL__2PRFIN20100709_160521_000000422091_00054_43695_9960.N1	09-JUL-2010 16:05:21	Bright	42.000	150	44Zet Per	2.8900	28000.	84	43695	No
167	GOM_NL__2PRFIN20100709_160747_000000432091_00054_43695_9961.N1	09-JUL-2010 16:07:47	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	43695	No
168	GOM_NL__2PRFIN20100709_161502_000000512091_00054_43695_9962.N1	09-JUL-2010 16:15:02	Dark	51.000	94	92Alp Cet	2.5260	3100.0	102	43695	No
169	GOM_NL__2PRFIN20100709_162709_000000412091_00054_43695_9963.N1	09-JUL-2010 16:27:09	Dark	40.500	157	The1Eri	2.9060	9300.0	81	43695	No
170	GOM_NL__2PRFIN20100709_163320_000000472091_00055_43696_0021.N1	09-JUL-2010 16:33:20	Dark	47.000	9	Alp Eri	0.45300	24000.	94	43696	No
171	GOM_NL__2PRFIN20100709_163527_000000562091_00055_43696_0022.N1	09-JUL-2010 16:35:27	Dark	55.500	84	Alp Phe	2.3970	4500.0	111	43696	No
172	GOM_NL__2PRFIN20100709_164140_000000502091_00055_43696_0023.N1	09-JUL-2010 16:41:40	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	43696	No
173	GOM_NL__2PRFIN20100709_164326_000000492091_00055_43696_0024.N1	09-JUL-2010 16:43:26	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	43696	No
174	GOM_NL__2PRFIN20100709_164501_000000412091_00055_43696_0025.N1	09-JUL-2010 16:45:01	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	43696	No
175	GOM_NL__2PRFIN20100709_164634_000000332091_00055_43696_0026.N1	09-JUL-2010 16:46:34	Straylight	32.500	172	Gam Gru	3.0030	13100.	65	43696	No
176	GOM_NL__2PRFIN20100709_165407_000000462091_00055_43696_0027.N1	09-JUL-2010 16:54:07	Bright	45.500	103	38Zet Sgr	2.6000	9700.0	91	43696	No
177	GOM_NL__2PRFIN20100709_165643_000000432091_00055_43696_0028.N1	09-JUL-2010 16:56:43	Bright	42.500	155	41Pi Sgr	2.9000	6600.0	85	43696	No
178	GOM_NL__2PRFIN20100709_170801_000000422091_00055_43696_0029.N1	09-JUL-2010 17:08:01	Bright	41.500	168	17Zet Aql	2.9860	11000.	83	43696	No
179	GOM_NL__2PRFIN20100709_171505_000000442091_00055_43696_0030.N1	09-JUL-2010 17:15:05	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	43696	No
180	GOM_NL__2PRFIN20100709_171811_000000392091_00055_43696_0031.N1	09-JUL-2010 17:18:11	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	43696	No
181	GOM_NL__2PRFIN20100709_172604_000000462091_00055_43696_0032.N1	09-JUL-2010 17:26:04	Bright	45.500	89	5Alp Cep	2.4510	8000.0	91	43696	No
182	GOM_NL__2PRFIN20100709_173444_000000472091_00055_43696_0033.N1	09-JUL-2010 17:34:44	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	43696	No
183	GOM_NL__2PRFIN20100709_173913_000000392091_00055_43696_0034.N1	09-JUL-2010 17:39:13	Bright	38.500	160	23Gam Per	2.9300	4700.0	77	43696	No
184	GOM_NL__2PRFIN20100709_174108_000000362091_00055_43696_0035.N1	09-JUL-2010 17:41:08	Bright	36.000	175	39Del Per	3.0100	19400.	72	43696	No
185	GOM_NL__2PRFIN20100709_174317_000000432091_00055_43696_0036.N1	09-JUL-2010 17:43:17	Bright	43.000	79	26Bet Per	2.3100	13100.	86	43696	No
186	GOM_NL__2PRFIN20100709_174557_000000442091_00055_43696_0037.N1	09-JUL-2010 17:45:57	Bright	44.000	150	44Zet Per	2.8900	28000.	88	43696	No
187	GOM_NL__2PRFIN20100709_174823_000000442091_00055_43696_0038.N1	09-JUL-2010 17:48:23	Twilight	44.000	146	25Eta Tau	2.8730	15200.	88	43696	No
188	GOM_NL__2PRFIN20100709_175538_000000532091_00055_43696_0039.N1	09-JUL-2010 17:55:38	Dark	52.500	94	92Alp Cet	2.5260	3100.0	105	43696	No
189	GOM_NL__2PRFIN20100709_180745_000000432091_00055_43696_0040.N1	09-JUL-2010 18:07:45	Dark	42.500	157	The1Eri	2.9060	9300.0	85	43696	No
190	GOM_NL__2PRFIN20100709_181357_000000502091_00056_43697_0050.N1	09-JUL-2010 18:13:57	Dark	50.000	9	Alp Eri	0.45300	24000.	100	43697	No
191	GOM_NL__2PRFIN20100709_181605_000000532091_00056_43697_0051.N1	09-JUL-2010 18:16:05	Dark	53.000	84	Alp Phe	2.3970	4500.0	106	43697	No
192	GOM_NL__2PRFIN20100709_182217_000000532091_00056_43697_0052.N1	09-JUL-2010 18:22:17	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	43697	No
193	GOM_NL__2PRFIN20100709_182403_000000472091_00056_43697_0053.N1	09-JUL-2010 18:24:03	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	43697	No
194	GOM_NL__2PRFIN20100709_182537_000000432091_00056_43697_0054.N1	09-JUL-2010 18:25:37	Straylight	42.500	45	Alp Pav	1.9400	26000.	85	43697	No
195	GOM_NL__2PRFIN20100709_182711_000000332091_00056_43697_0055.N1	09-JUL-2010 18:27:11	Straylight	32.500	172	Gam Gru	3.0030	13100.	65	43697	No
196	GOM_NL__2PRFIN20100709_183444_000000562091_00056_43697_0056.N1	09-JUL-2010 18:34:44	Bright	56.000	103	38Zet Sgr	2.6000	9700.0	112	43697	No
197	GOM_NL__2PRFIN20100709_183719_000000432091_00056_43697_0057.N1	09-JUL-2010 18:37:19	Bright	42.500	155	41Pi Sgr	2.9000	6600.0	85	43697	No
198	GOM_NL__2PRFIN20100709_184837_000000432091_00056_43697_0058.N1	09-JUL-2010 18:48:37	Bright	43.000	168	17Zet Aql	2.9860	11000.	86	43697	No
199	GOM_NL__2PRFIN20100709_185540_000000392091_00056_43697_0059.N1	09-JUL-2010 18:55:40	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	43697	No
200	GOM_NL__2PRFIN20100709_185847_000000542091_00056_43697_0060.N1	09-JUL-2010 18:58:47	Bright	54.000	69	33Gam Dra	2.2310	3800.0	108	43697	No
201	GOM_NL__2PRFIN20100709_190640_000000452091_00056_43697_0061.N1	09-JUL-2010 19:06:40	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	43697	No
202	GOM_NL__2PRFIN20100709_191519_000000472091_00056_43697_0062.N1	09-JUL-2010 19:15:19	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	43697	No
203	GOM_NL__2PRFIN20100709_191948_000000412091_00056_43697_0063.N1	09-JUL-2010 19:19:48	Bright	41.000	160	23Gam Per	2.9300	4700.0	82	43697	No
204	GOM_NL__2PRFIN20100709_192144_000000562091_00056_43697_0064.N1	09-JUL-2010 19:21:44	Bright	56.000	175	39Del Per	3.0100	19400.	112	43697	No
205	GOM_NL__2PRFIN20100709_192353_000000442091_00056_43697_0065.N1	09-JUL-2010 19:23:53	Bright	44.000	79	26Bet Per	2.3100	13100.	88	43697	No
206	GOM_NL__2PRFIN20100709_192633_000000432091_00056_43697_0066.N1	09-JUL-2010 19:26:33	Bright	42.500	150	44Zet Per	2.8900	28000.	85	43697	No
207	GOM_NL__2PRFIN20100709_192859_000000432091_00056_43697_0067.N1	09-JUL-2010 19:28:59	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	43697	No
208	GOM_NL__2PRFIN20100709_193614_000000572091_00056_43697_0068.N1	09-JUL-2010 19:36:14	Dark	57.000	94	92Alp Cet	2.5260	3100.0	114	43697	No
209	GOM_NL__2PRFIN20100709_194822_000000422091_00056_43697_0069.N1	09-JUL-2010 19:48:22	Dark	42.000	157	The1Eri	2.9060	9300.0	84	43697	No
210	GOM_NL__2PRFIN20100709_195434_000000522091_00057_43698_0080.N1	09-JUL-2010 19:54:34	Dark	52.000	9	Alp Eri	0.45300	24000.	104	43698	No
211	GOM_NL__2PRFIN20100709_195641_000000512091_00057_43698_0081.N1	09-JUL-2010 19:56:41	Dark	51.000	84	Alp Phe	2.3970	4500.0	102	43698	No
212	GOM_NL__2PRFIN20100709_200254_000000542091_00057_43698_0082.N1	09-JUL-2010 20:02:54	Straylight	54.000	63	Bet Gru	2.1500	2800.0	108	43698	No
213	GOM_NL__2PRFIN20100709_200439_000000482091_00057_43698_0083.N1	09-JUL-2010 20:04:39	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	43698	No
214	GOM_NL__2PRFIN20100709_200614_000000412091_00057_43698_0084.N1	09-JUL-2010 20:06:14	Straylight	40.500	45	Alp Pav	1.9400	26000.	81	43698	No
215	GOM_NL__2PRFIN20100709_200748_000000352091_00057_43698_0085.N1	09-JUL-2010 20:07:48	Straylight	34.500	172	Gam Gru	3.0030	13100.	69	43698	No
216	GOM_NL__2PRFIN20100709_201520_000000452091_00057_43698_0086.N1	09-JUL-2010 20:15:20	Bright	45.000	103	38Zet Sgr	2.6000	9700.0	90	43698	No
217	GOM_NL__2PRFIN20100709_201755_000000412091_00057_43698_0087.N1	09-JUL-2010 20:17:55	Bright	41.000	155	41Pi Sgr	2.9000	6600.0	82	43698	No
218	GOM_NL__2PRFIN20100709_202912_000000422091_00057_43698_0088.N1	09-JUL-2010 20:29:12	Bright	42.000	168	17Zet Aql	2.9860	11000.	84	43698	No
219	GOM_NL__2PRFIN20100709_203615_000000402091_00057_43698_0089.N1	09-JUL-2010 20:36:15	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	43698	No



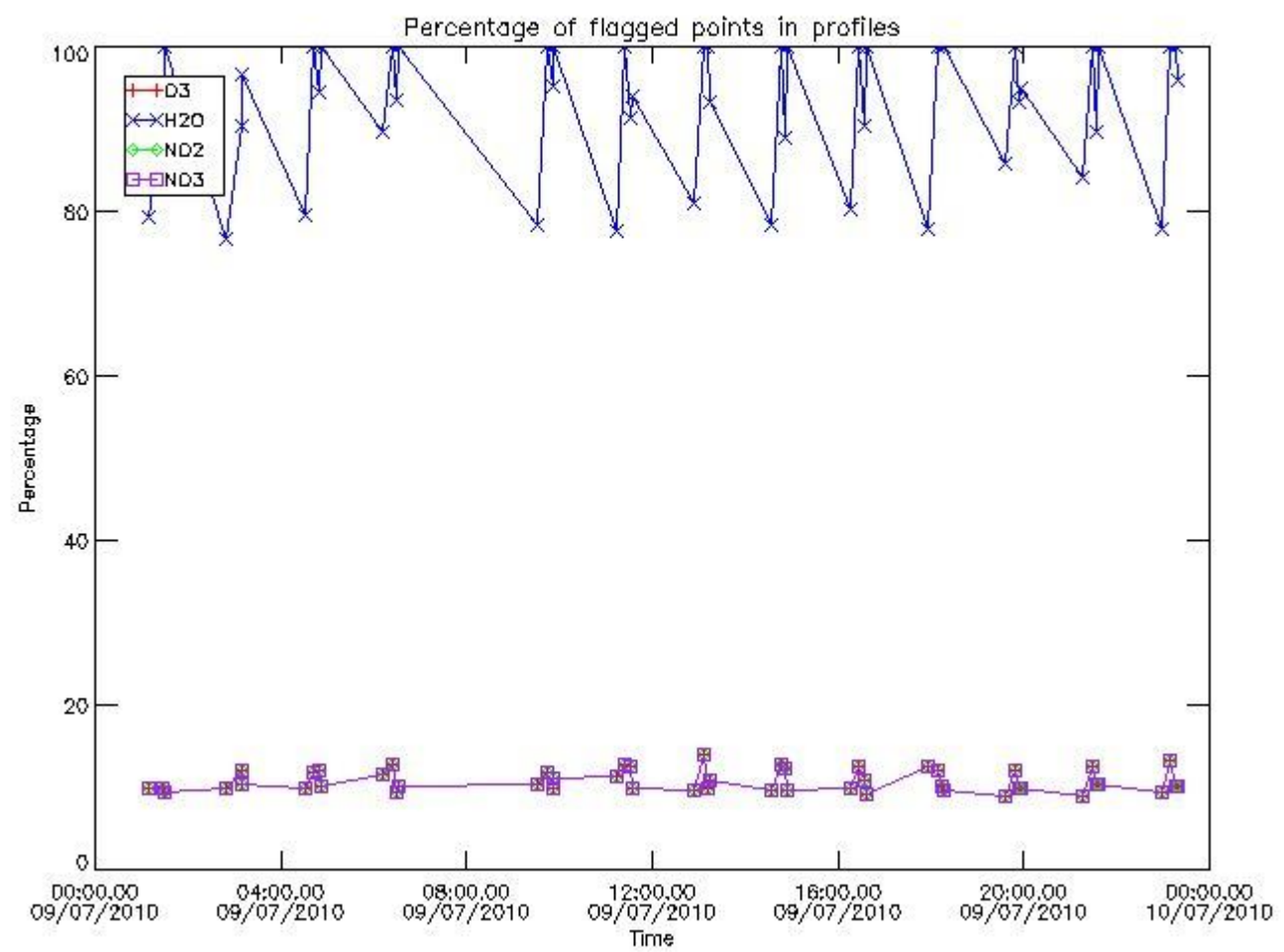
220	GOM_NL__2PRFIN20100709_203923_000000392091_00057_43698_0090.N1	09-JUL-2010 20:39:23	Bright	39.000	69	33Gam Dra	2.2310	3800.0	78	43698	No
221	GOM_NL__2PRFIN20100709_204715_000000452091_00057_43698_0091.N1	09-JUL-2010 20:47:15	Bright	45.000	89	5Alp Cep	2.4510	8000.0	90	43698	No
222	GOM_NL__2PRFIN20100709_205555_000000462091_00057_43698_0092.N1	09-JUL-2010 20:55:55	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	43698	No
223	GOM_NL__2PRFIN20100709_210024_000000582091_00057_43698_0093.N1	09-JUL-2010 21:00:24	Bright	58.000	160	23Gam Per	2.9300	4700.0	116	43698	No
224	GOM_NL__2PRFIN20100709_210220_000000562091_00057_43698_0094.N1	09-JUL-2010 21:02:20	Bright	56.000	175	39Del Per	3.0100	19400.	112	43698	No
225	GOM_NL__2PRFIN20100709_210430_000000602091_00057_43698_0095.N1	09-JUL-2010 21:04:30	Bright	60.000	79	26Bet Per	2.3100	13100.	120	43698	No
226	GOM_NL__2PRFIN20100709_210709_000000422091_00057_43698_0096.N1	09-JUL-2010 21:07:09	Bright	41.500	150	44Zet Per	2.8900	28000.	83	43698	No
227	GOM_NL__2PRFIN20100709_210935_000000432091_00057_43698_0097.N1	09-JUL-2010 21:09:35	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	43698	No
228	GOM_NL__2PRFIN20100709_211651_000000572091_00057_43698_0098.N1	09-JUL-2010 21:16:51	Dark	56.500	94	92Alp Cet	2.5260	3100.0	113	43698	No
229	GOM_NL__2PRFIN20100709_212858_000000412091_00057_43698_0099.N1	09-JUL-2010 21:28:58	Dark	41.000	157	The1Eri	2.9060	9300.0	82	43698	No
230	GOM_NL__2PRFIN20100709_213510_000000492091_00058_43699_0093.N1	09-JUL-2010 21:35:10	Dark	49.000	9	Alp Eri	0.45300	24000.	98	43699	No
231	GOM_NL__2PRFIN20100709_213718_000000542091_00058_43699_0094.N1	09-JUL-2010 21:37:18	Dark	53.500	84	Alp Phe	2.3970	4500.0	107	43699	No
232	GOM_NL__2PRFIN20100709_214331_000000572091_00058_43699_0095.N1	09-JUL-2010 21:43:31	Straylight	56.500	63	Bet Gru	2.1500	2800.0	113	43699	No
233	GOM_NL__2PRFIN20100709_214516_000000472091_00058_43699_0096.N1	09-JUL-2010 21:45:16	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	43699	No
234	GOM_NL__2PRFIN20100709_214650_000000472091_00058_43699_0097.N1	09-JUL-2010 21:46:50	Straylight	47.000	45	Alp Pav	1.9400	26000.	94	43699	No
235	GOM_NL__2PRFIN20100709_214824_000000352091_00058_43699_0098.N1	09-JUL-2010 21:48:24	Straylight	35.000	172	Gam Gru	3.0030	13100.	70	43699	No
236	GOM_NL__2PRFIN20100709_215556_000000452091_00058_43699_0099.N1	09-JUL-2010 21:55:56	Bright	45.000	103	38Zet Sgr	2.6000	9700.0	90	43699	No
237	GOM_NL__2PRFIN20100709_215831_000000422091_00058_43699_0100.N1	09-JUL-2010 21:58:31	Bright	42.000	155	41Pi Sgr	2.9000	6600.0	84	43699	No
238	GOM_NL__2PRFIN20100709_220948_000000412091_00058_43699_0101.N1	09-JUL-2010 22:09:48	Bright	41.000	168	17Zet Aql	2.9860	11000.	82	43699	No
239	GOM_NL__2PRFIN20100709_221651_000000412091_00058_43699_0102.N1	09-JUL-2010 22:16:51	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	43699	No
240	GOM_NL__2PRFIN20100709_221958_000000352091_00058_43699_0103.N1	09-JUL-2010 22:19:58	Bright	35.000	69	33Gam Dra	2.2310	3800.0	70	43699	No
241	GOM_NL__2PRFIN20100709_222750_000000442091_00058_43699_0104.N1	09-JUL-2010 22:27:50	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	43699	No
242	GOM_NL__2PRFIN20100709_223630_000000462091_00058_43699_0105.N1	09-JUL-2010 22:36:30	Bright	46.000	76	27Gam Cas	2.3000	30000.	92	43699	No
243	GOM_NL__2PRFIN20100709_224100_000000522091_00058_43699_0106.N1	09-JUL-2010 22:41:00	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	43699	No
244	GOM_NL__2PRFIN20100709_224255_000000412091_00058_43699_0107.N1	09-JUL-2010 22:42:55	Bright	41.000	175	39Del Per	3.0100	19400.	82	43699	No
245	GOM_NL__2PRFIN20100709_224505_000000552091_00058_43699_0108.N1	09-JUL-2010 22:45:05	Bright	55.000	79	26Bet Per	2.3100	13100.	110	43699	No
246	GOM_NL__2PRFIN20100709_224745_000000432091_00058_43699_0109.N1	09-JUL-2010 22:47:45	Bright	43.000	150	44Zet Per	2.8900	28000.	86	43699	No
247	GOM_NL__2PRFIN20100709_225011_000000432091_00058_43699_0110.N1	09-JUL-2010 22:50:11	Twilight	43.000	146	25Eta Tau	2.8730	15200.	86	43699	No
248	GOM_NL__2PRFIN20100709_225727_000000542091_00058_43699_0111.N1	09-JUL-2010 22:57:27	Dark	54.000	94	92Alp Cet	2.5260	3100.0	108	43699	No
249	GOM_NL__2PRFIN20100709_230935_000000432091_00058_43699_0112.N1	09-JUL-2010 23:09:35	Dark	42.500	157	The1Eri	2.9060	9300.0	85	43699	No
250	GOM_NL__2PRFIN20100709_231546_000000502091_00059_43700_0111.N1	09-JUL-2010 23:15:46	Dark	50.000	9	Alp Eri	0.45300	24000.	100	43700	No
251	GOM_NL__2PRFIN20100709_231755_000000512091_00059_43700_0112.N1	09-JUL-2010 23:17:55	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	43700	No
252	GOM_NL__2PRFIN20100709_232407_000000482091_00059_43700_0113.N1	09-JUL-2010 23:24:07	Straylight	48.000	63	Bet Gru	2.1500	2800.0	96	43700	No
253	GOM_NL__2PRFIN20100709_232553_000000572091_00059_43700_0114.N1	09-JUL-2010 23:25:53	Straylight	57.000	31	Alp Gru	1.7340	15200.	114	43700	No
254	GOM_NL__2PRFIN20100709_232726_000000412091_00059_43700_0115.N1	09-JUL-2010 23:27:26	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	43700	No
255	GOM_NL__2PRFIN20100709_232901_000000372091_00059_43700_0116.N1	09-JUL-2010 23:29:01	Straylight	37.000	172	Gam Gru	3.0030	13100.	74	43700	No
256	GOM_NL__2PRFIN20100709_233632_000000442091_00059_43700_0117.N1	09-JUL-2010 23:36:32	Bright	43.500	103	38Zet Sgr	2.6000	9700.0	87	43700	No
257	GOM_NL__2PRFIN20100709_233907_000000422091_00059_43700_0118.N1	09-JUL-2010 23:39:07	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	43700	No
258	GOM_NL__2PRFIN20100709_235023_000000432091_00059_43700_0119.N1	09-JUL-2010 23:50:23	Bright	43.000	168	17Zet Aql	2.9860	11000.	86	43700	No
259	GOM_NL__2PRFIN20100709_235726_000000382091_00059_43700_0120.N1	09-JUL-2010 23:57:26	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	43700	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.

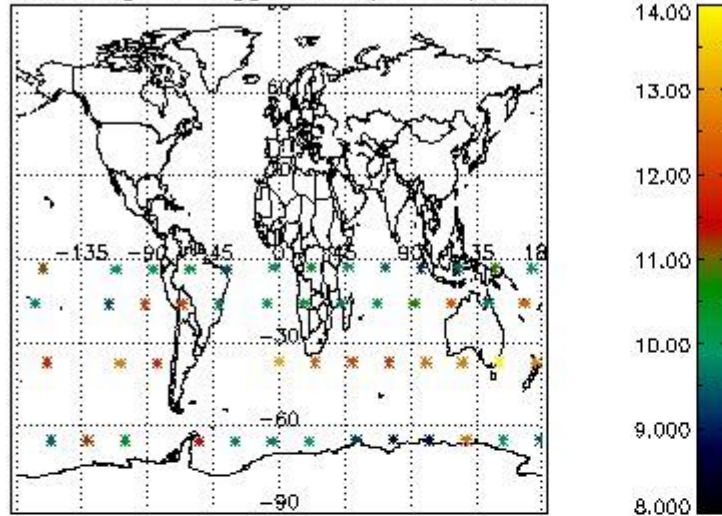
#### 3.1 Plot quality information per product (time dependant)



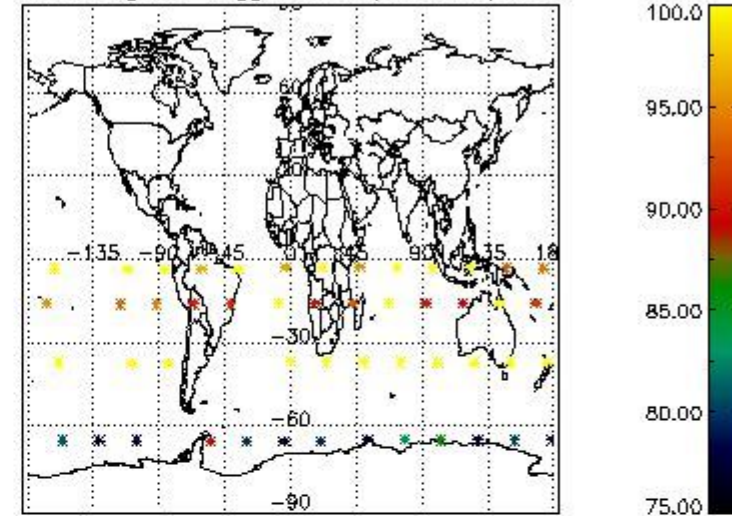


3.2 Plot quality information per product (world map)

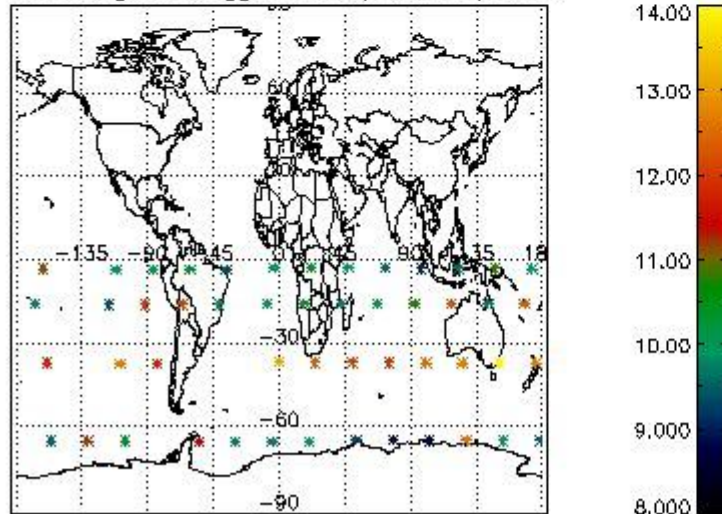
Percentage of flagged data per O3 profile



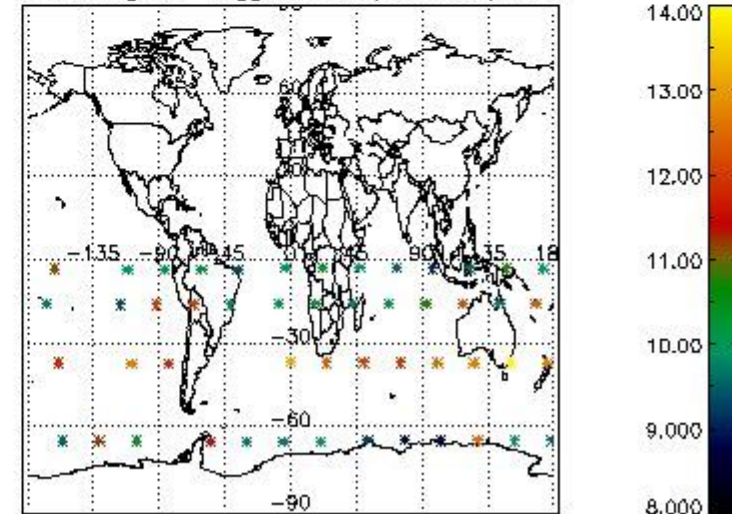
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

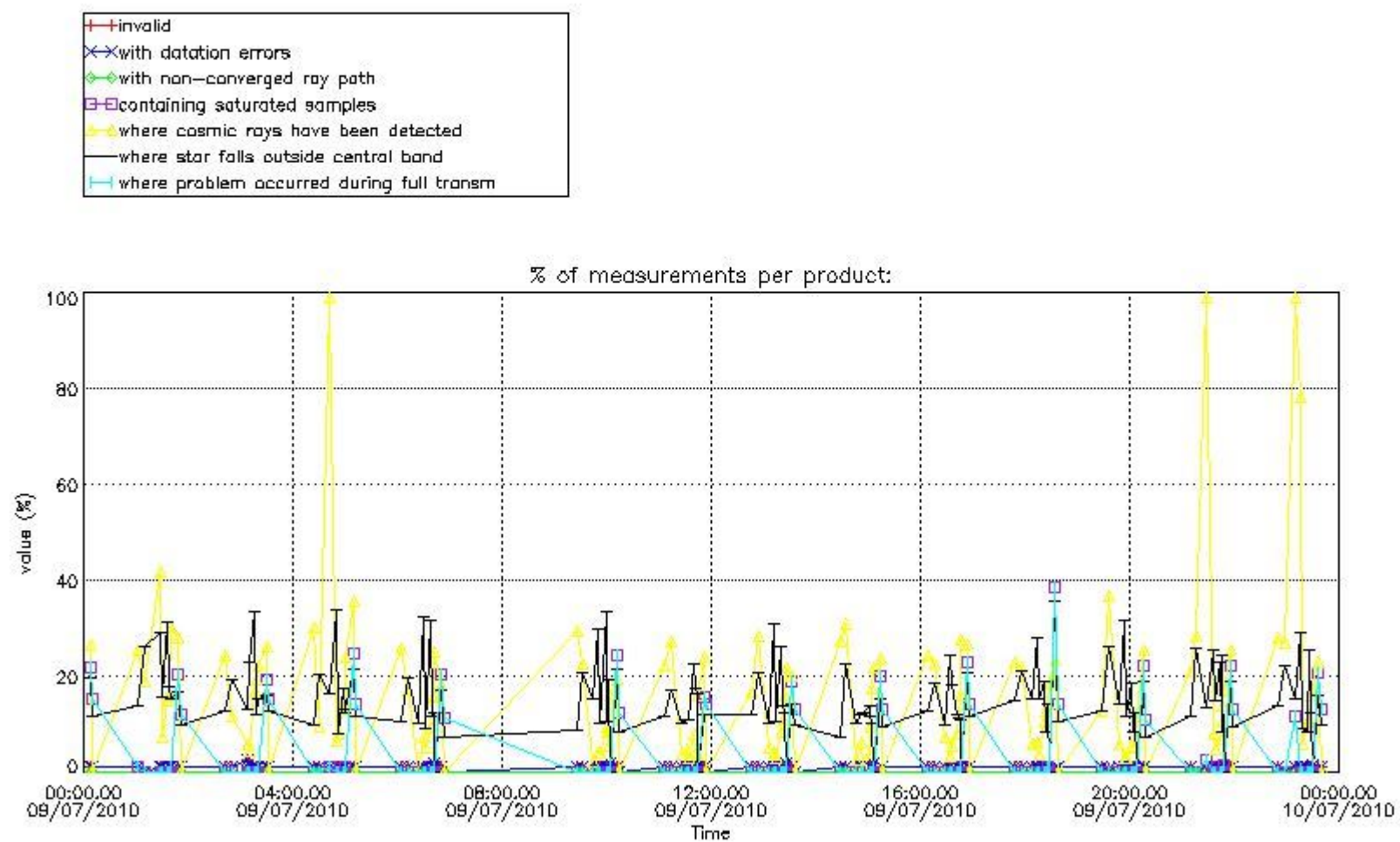


#### 4. Level 1 quality information per product

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.

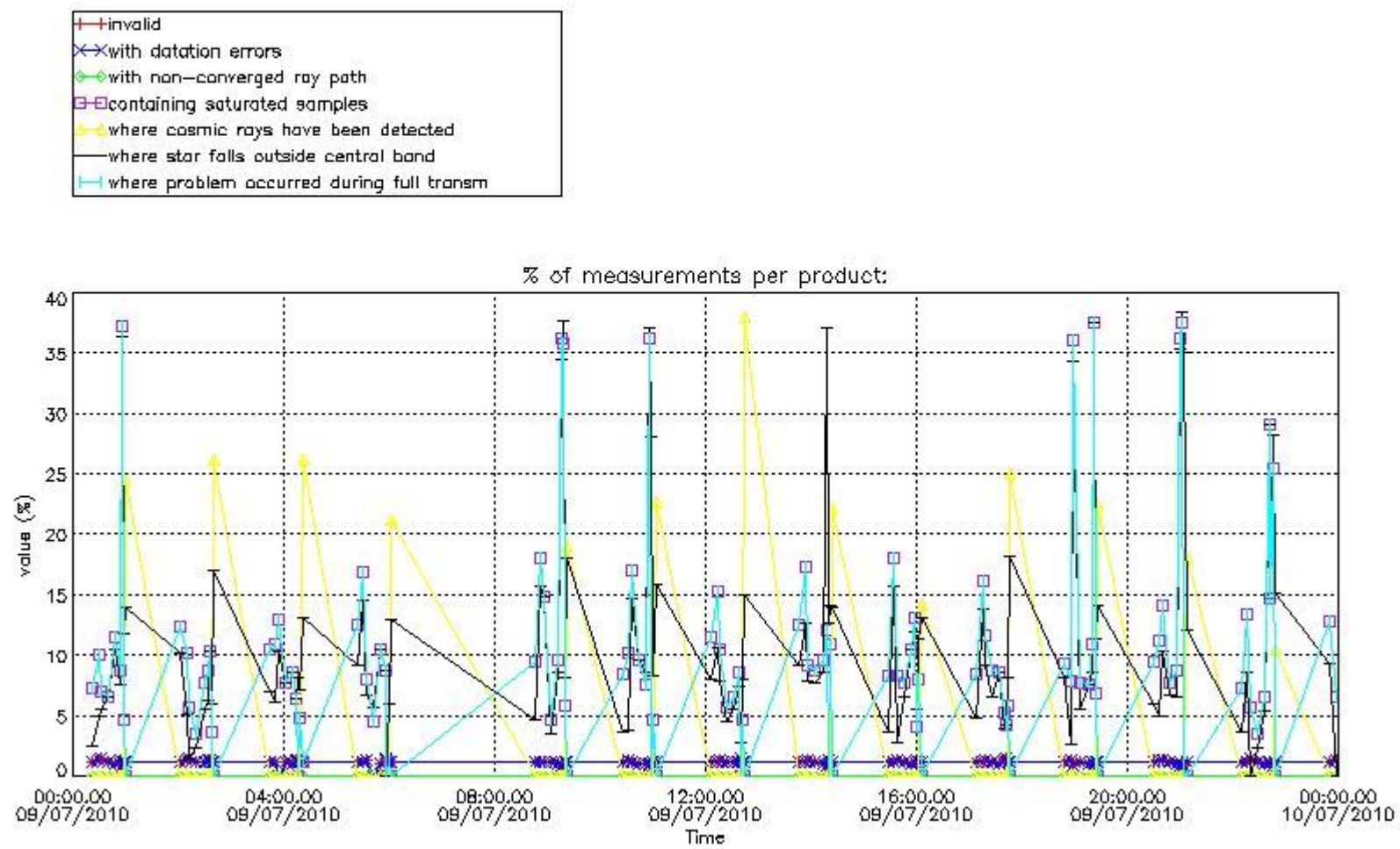
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

###### 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

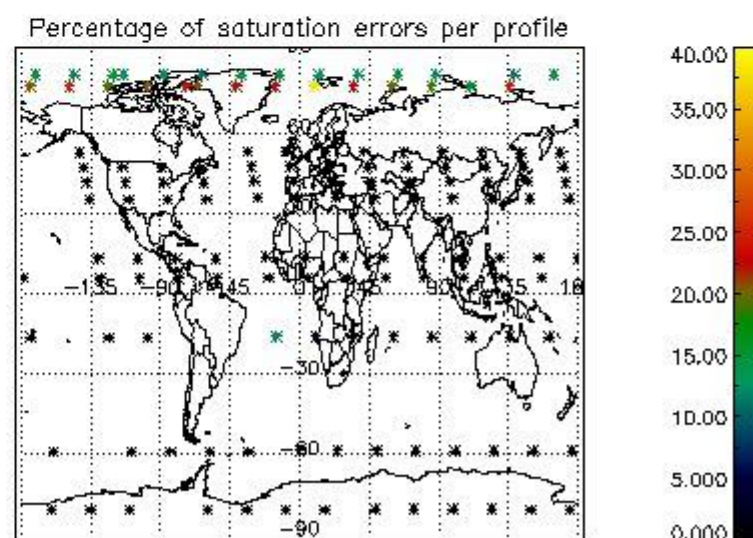
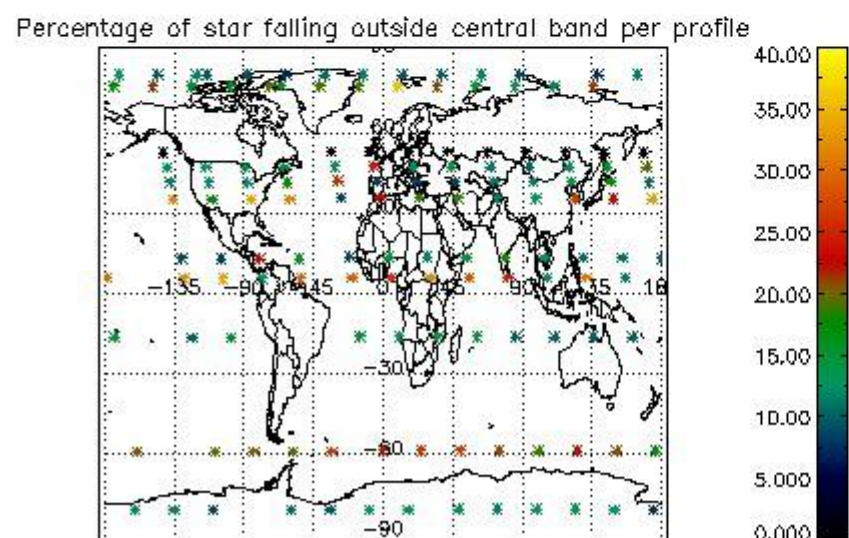
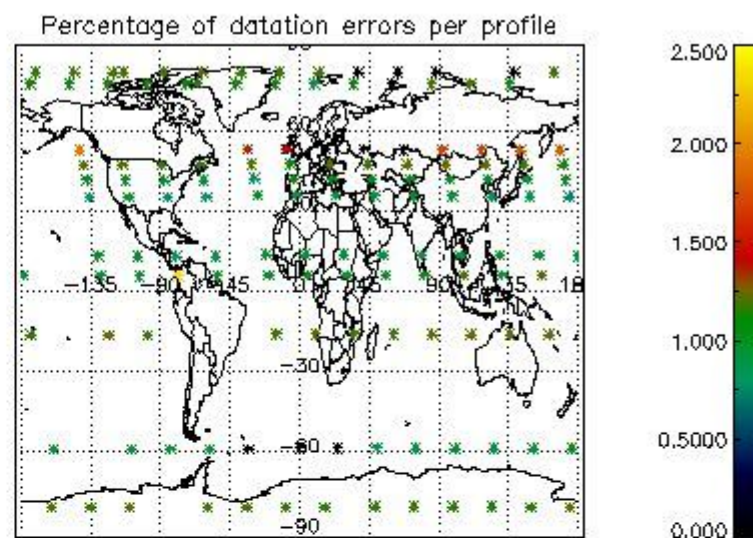
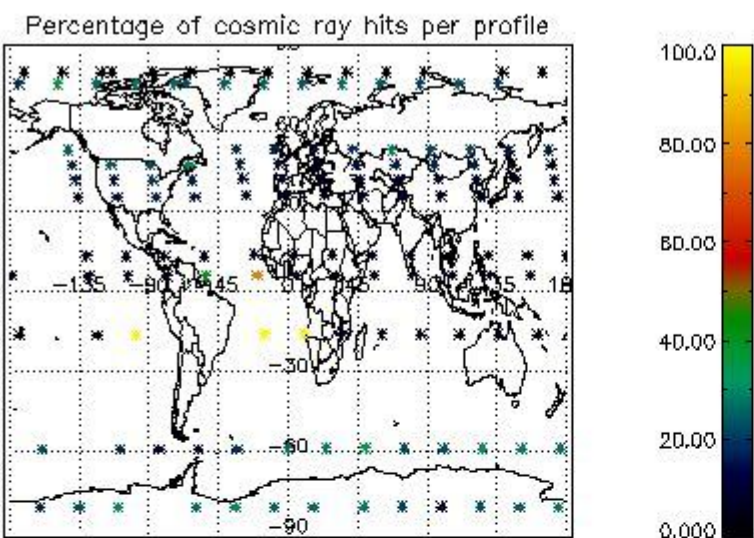




*4.2 Plot quality information per product coming from level 1b processing (world map)*

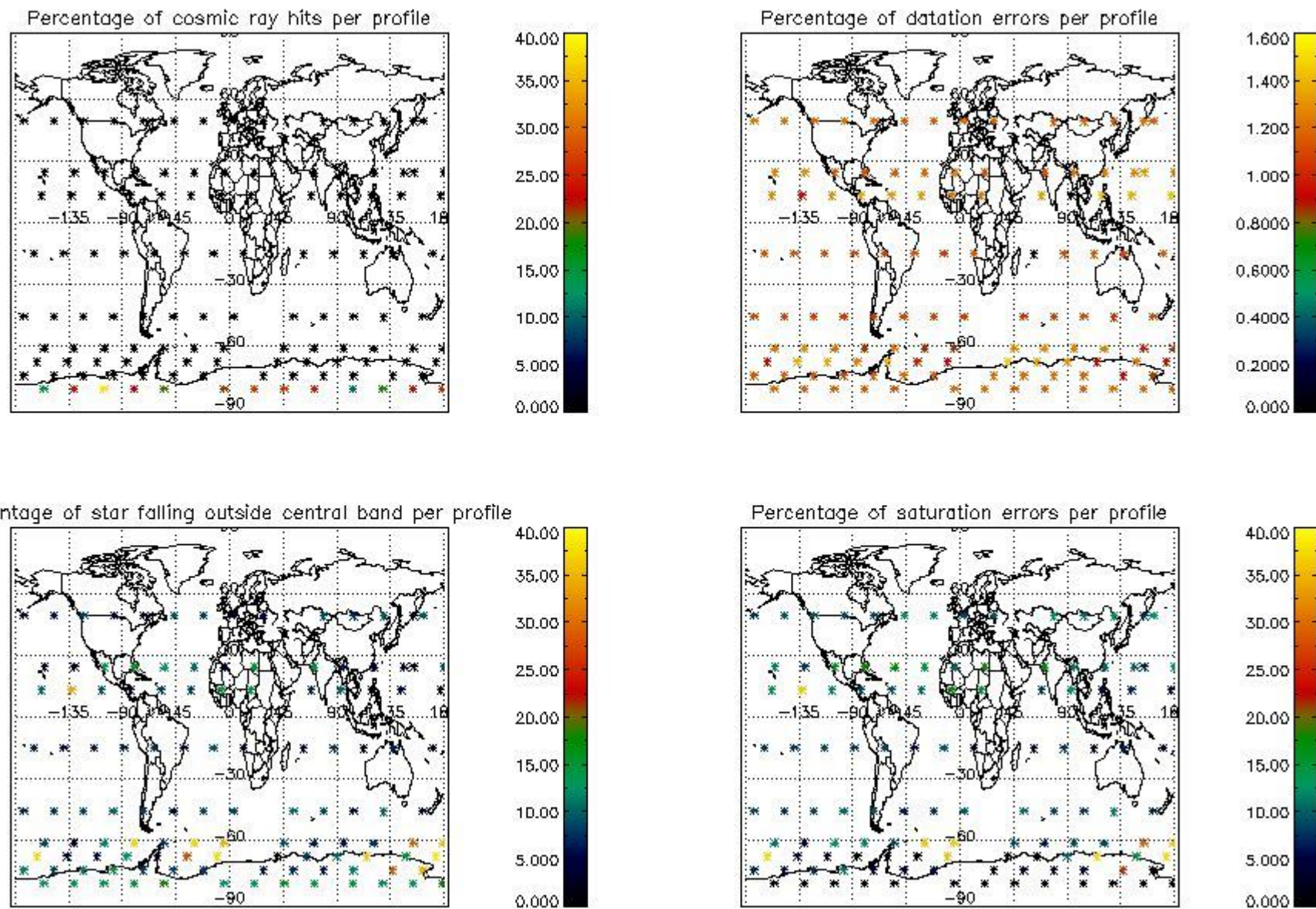
*4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes*





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

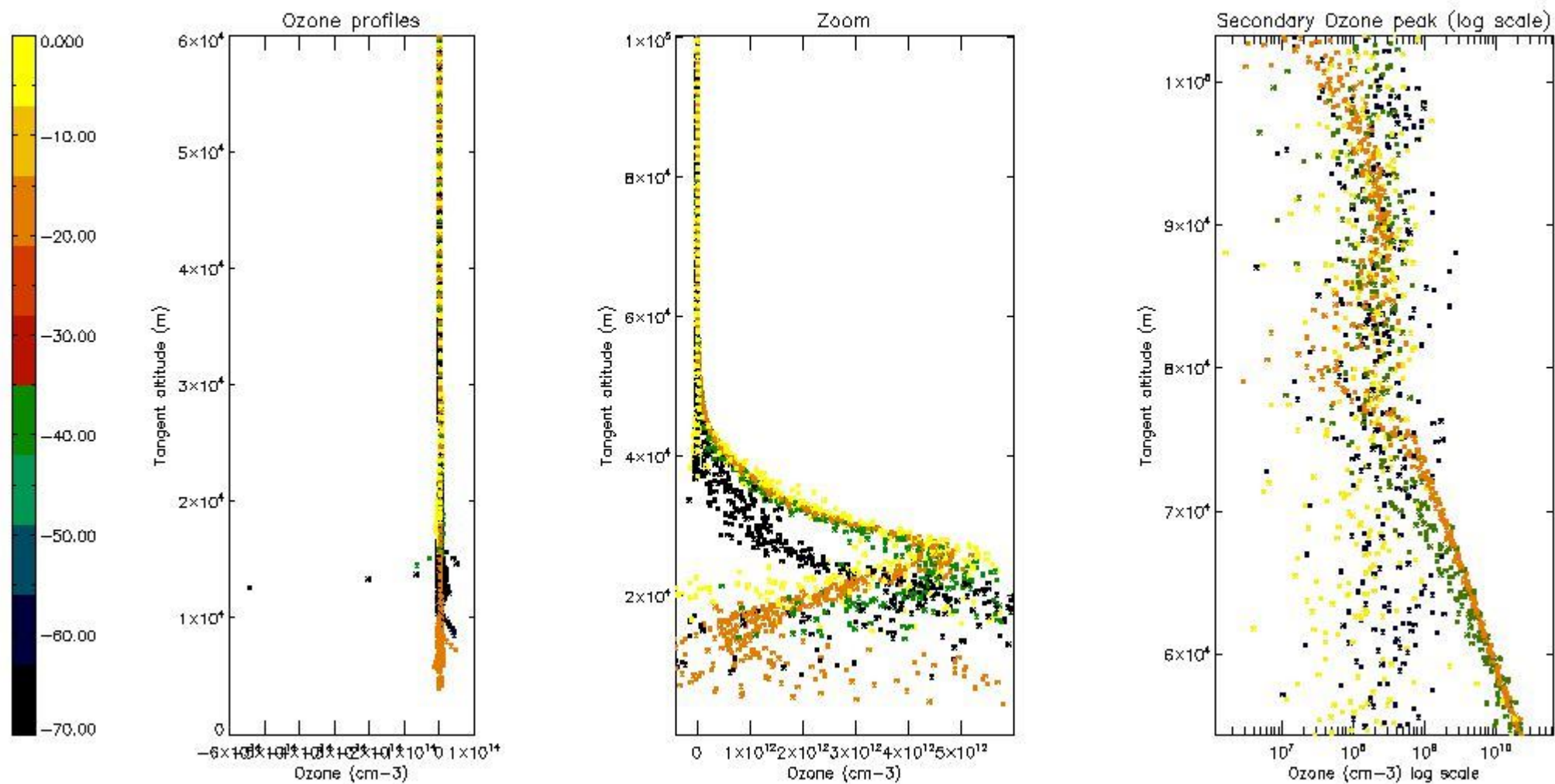
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	8

STD < 10	5
STD < 5	3

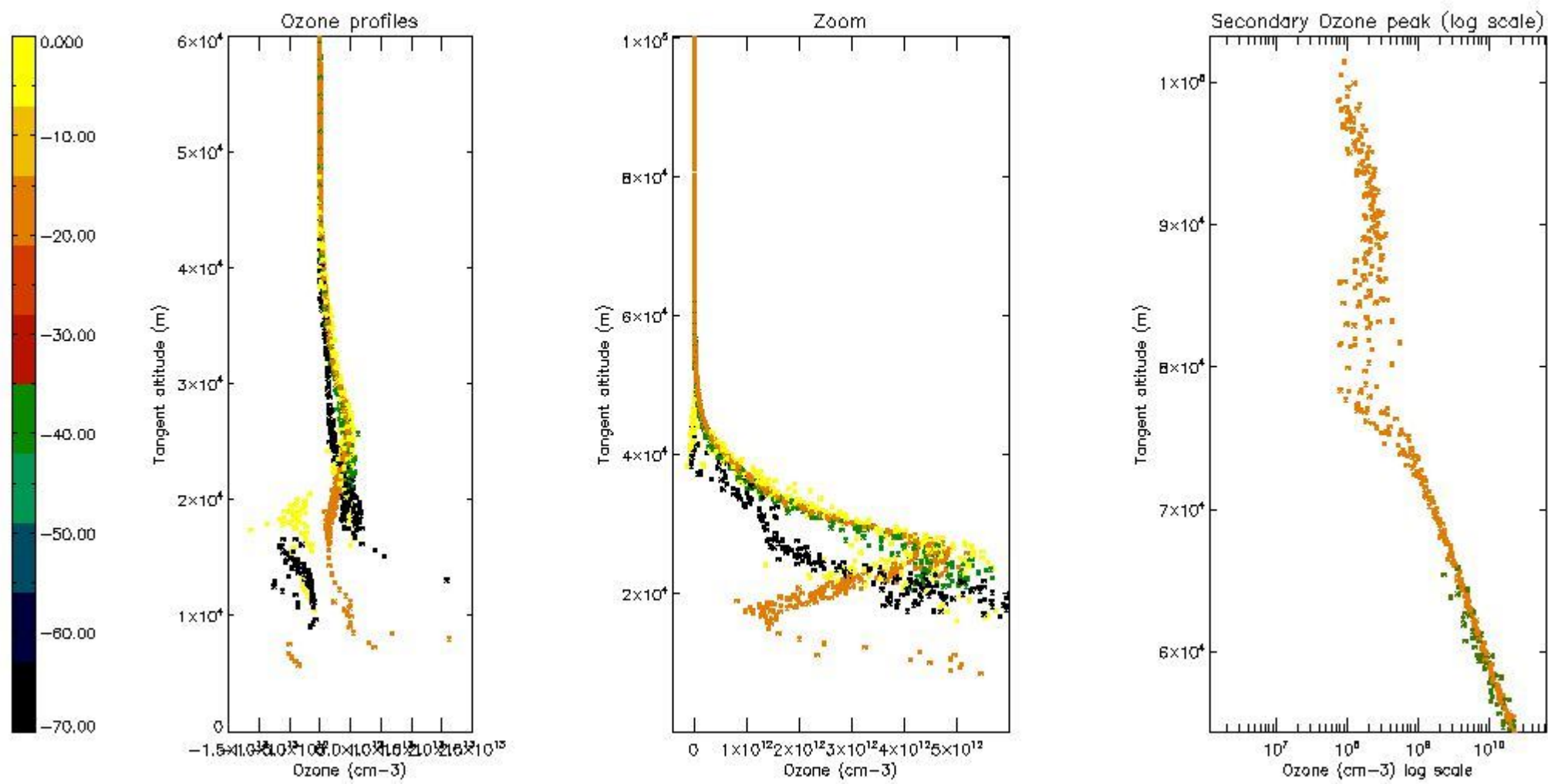
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

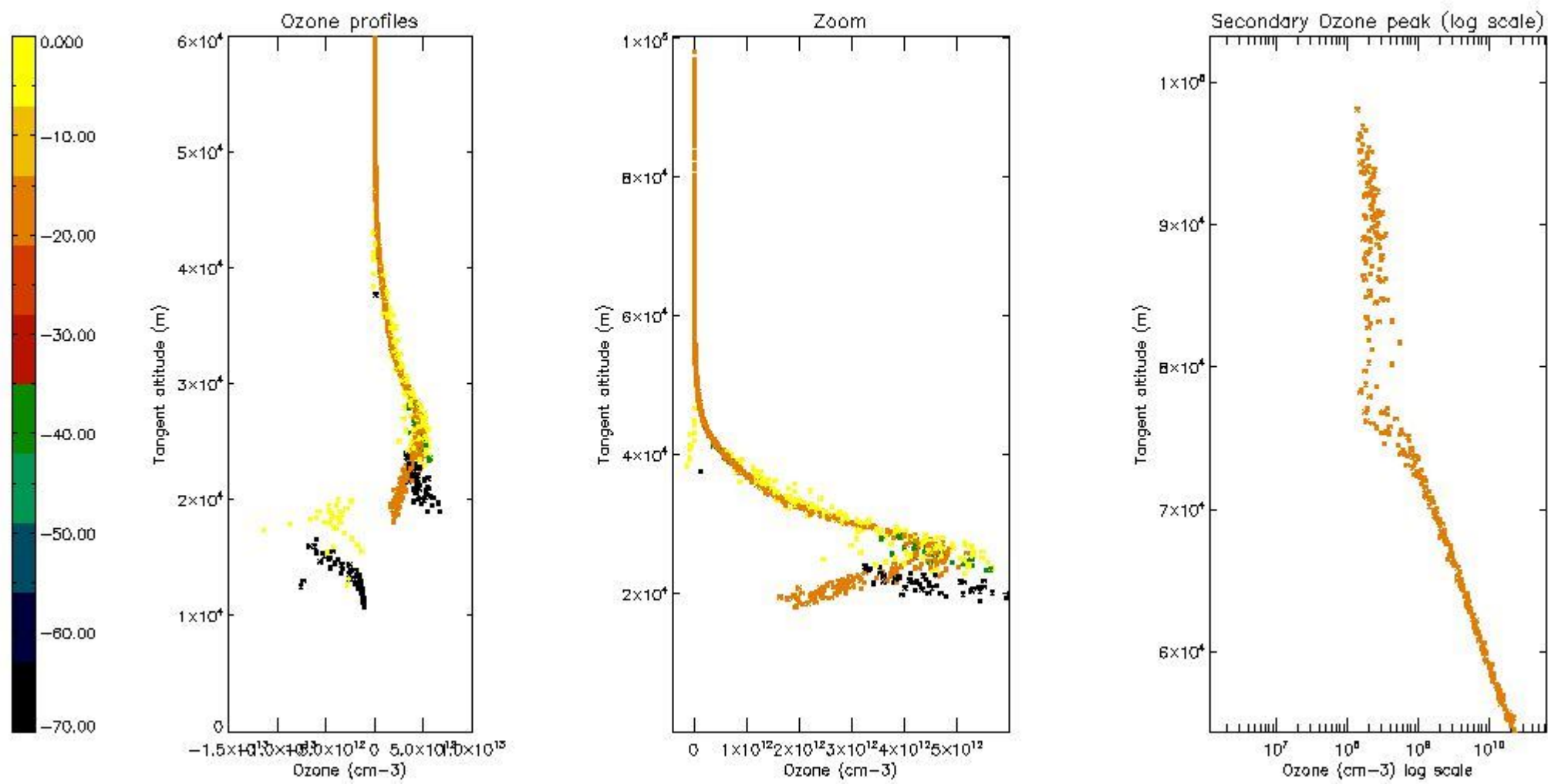
The colorbar represents the latitude.



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

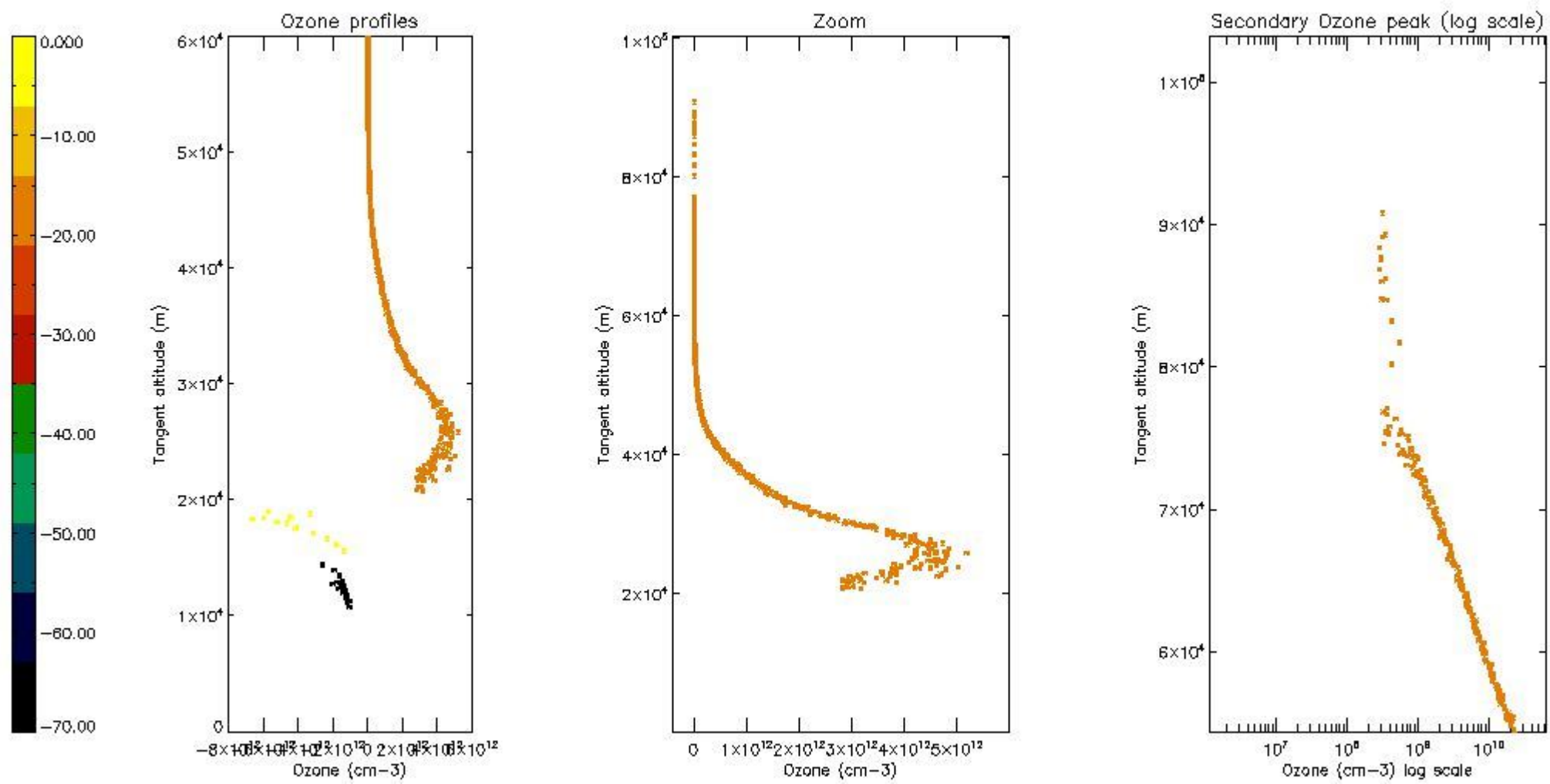
The colorbar represents the latitude.





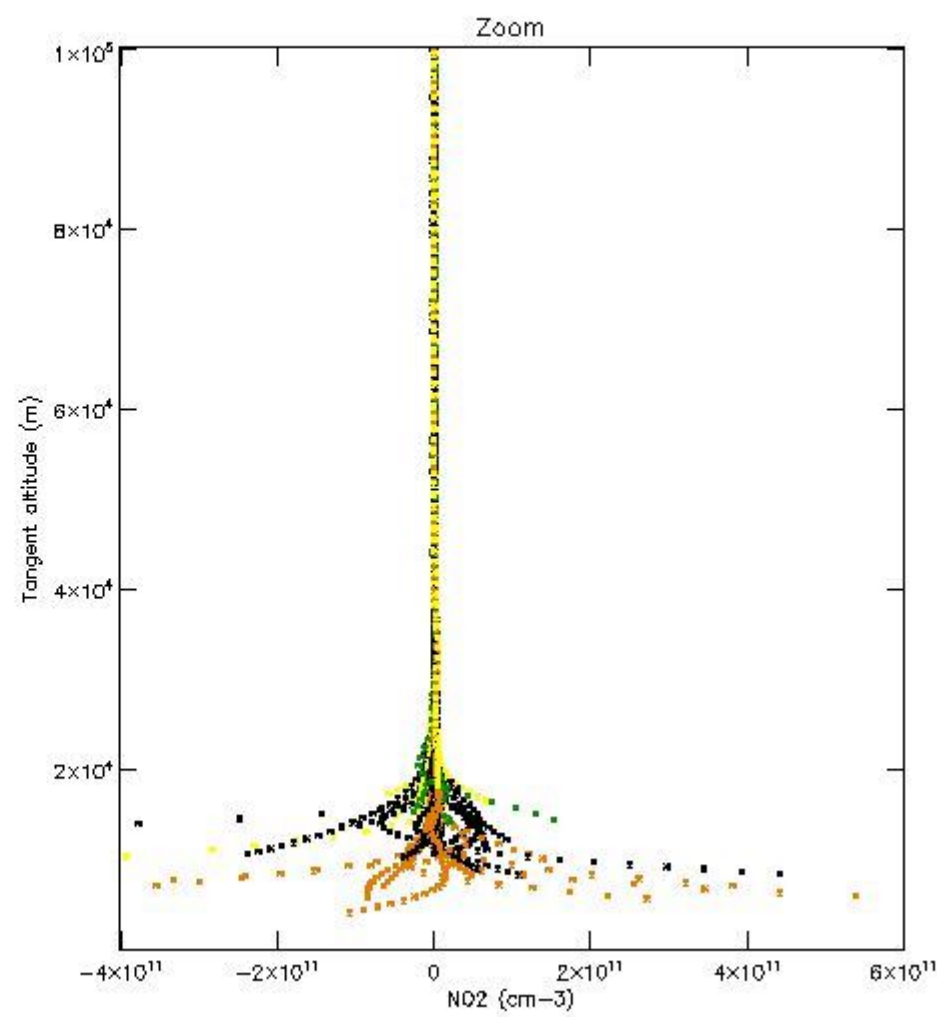
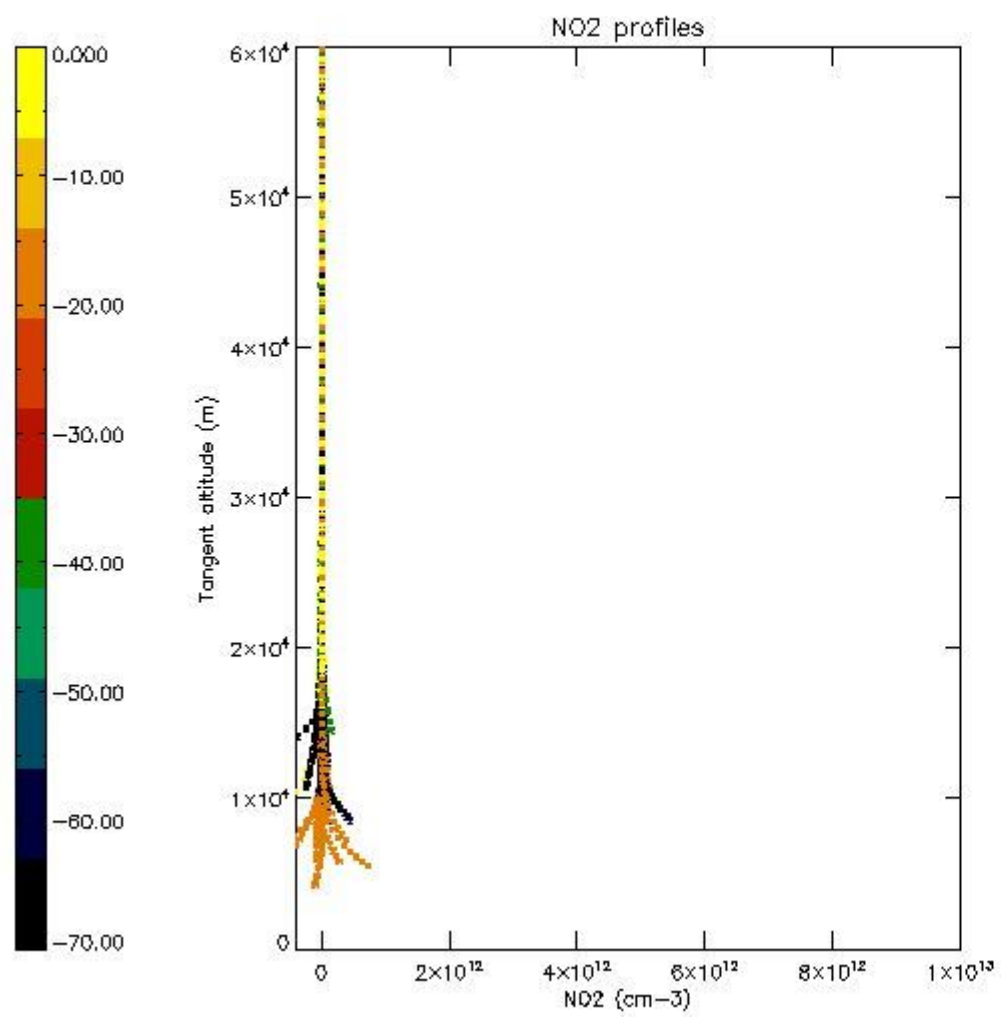
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

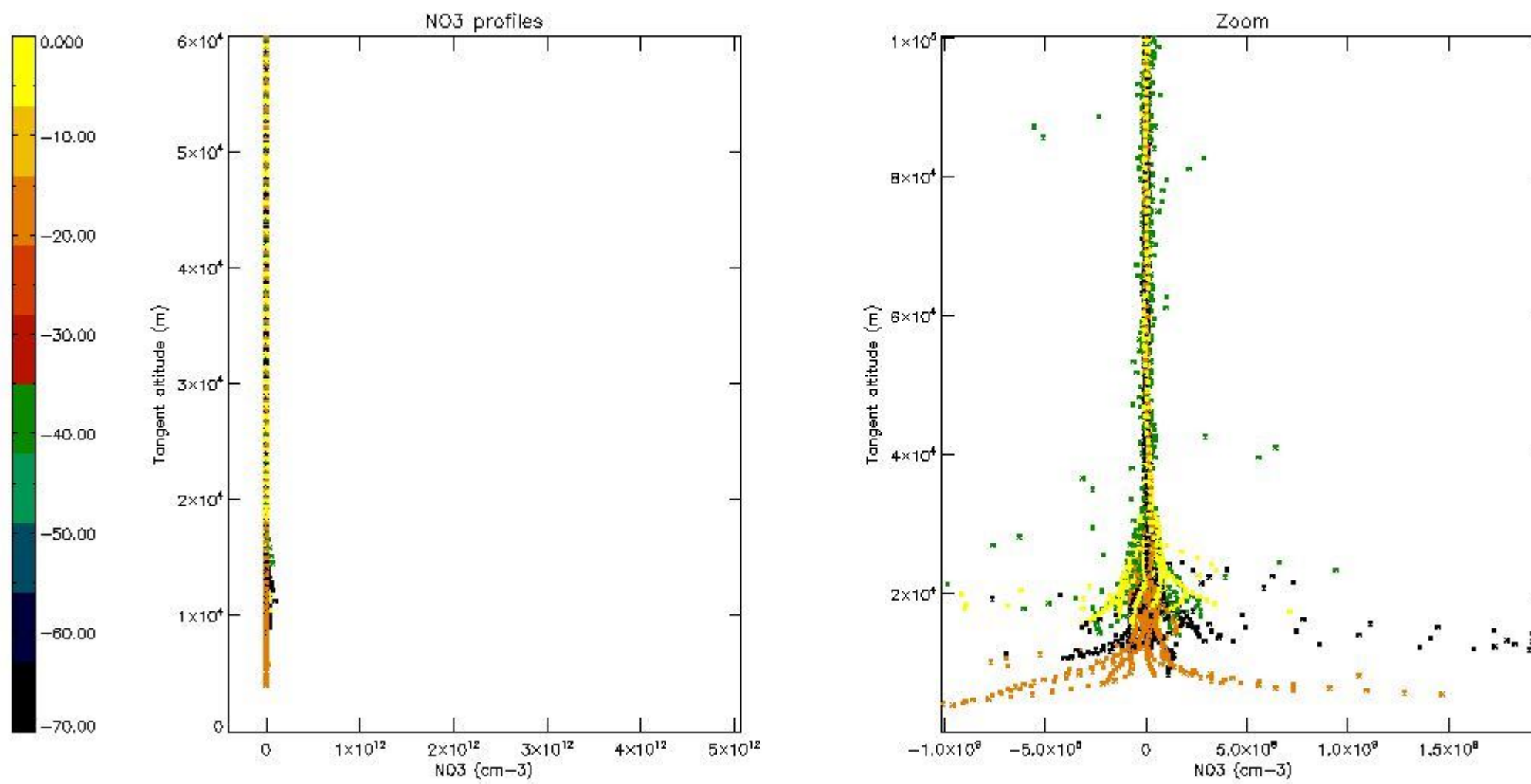
The colorbar represents the latitude.



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

The colorbar represents the latitude.

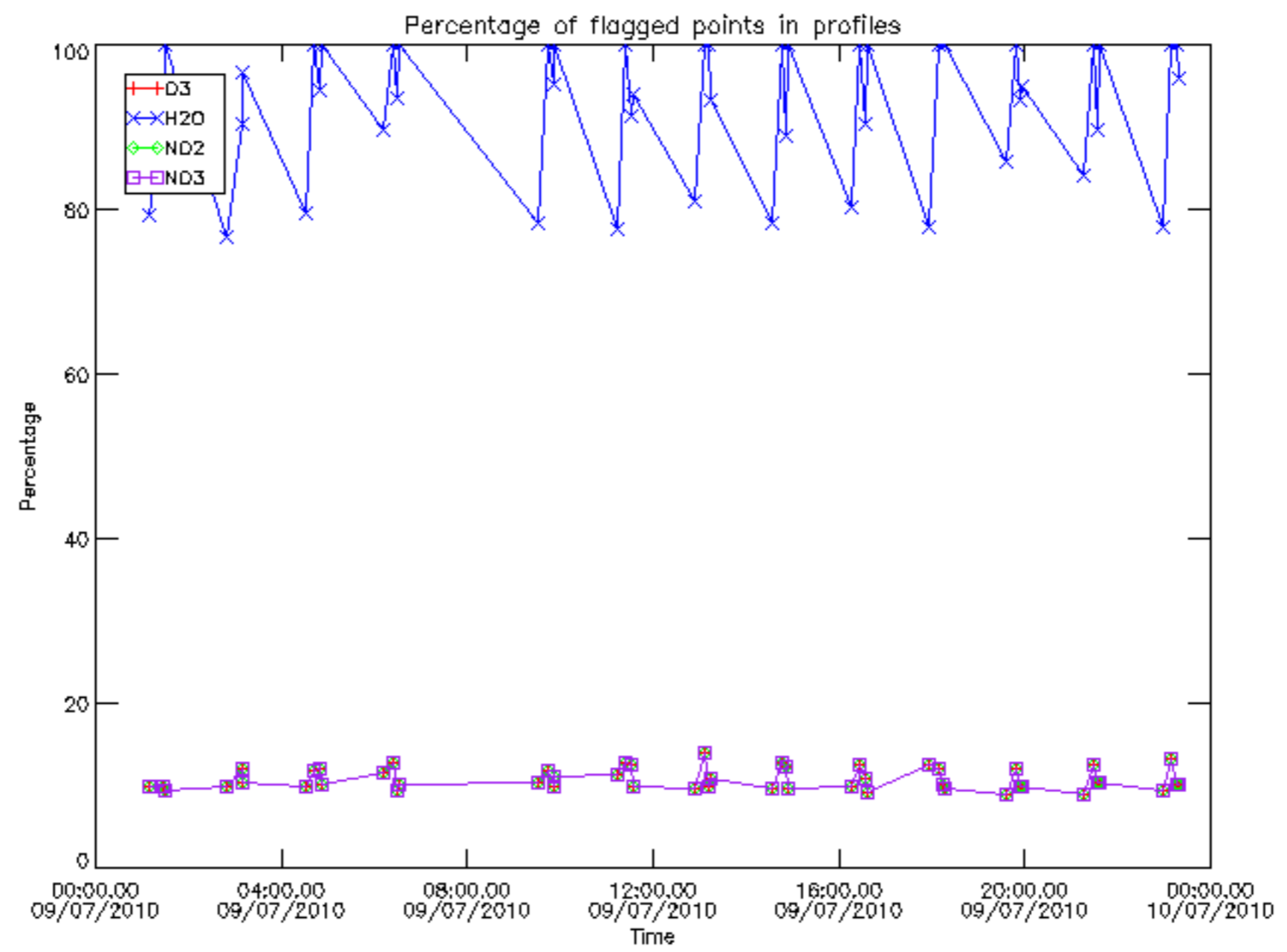




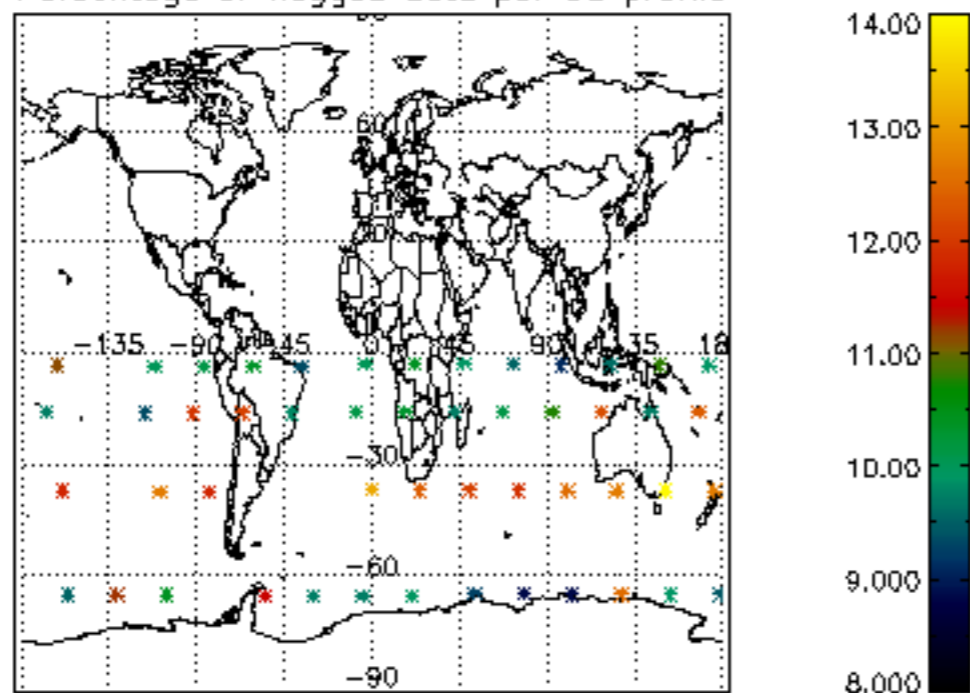
## 6. Auxiliary Data Files used for the production reported in section 2

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.

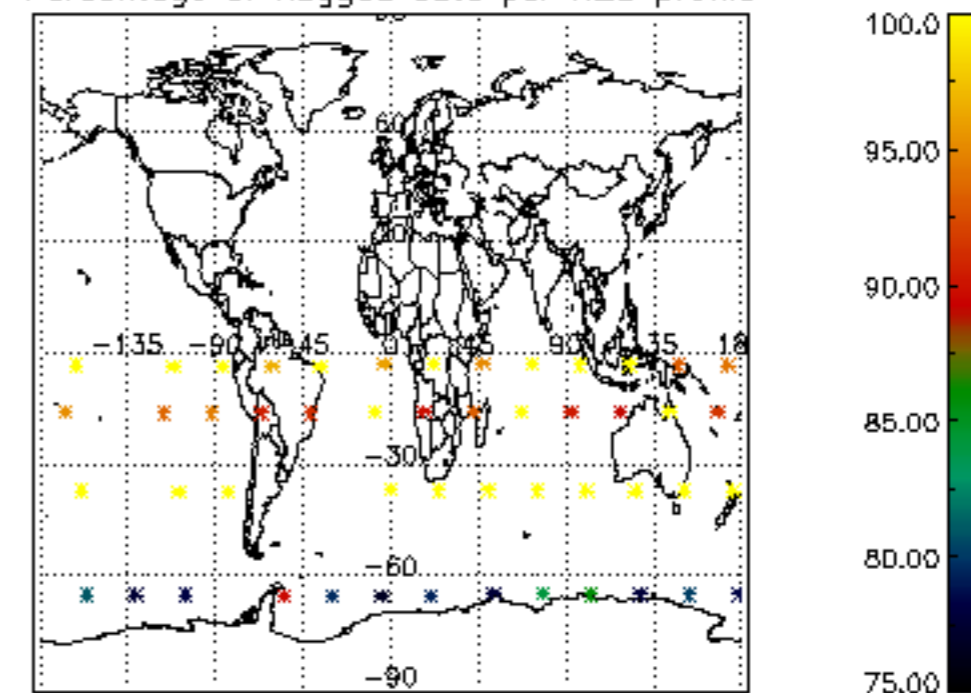
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-JUL-2010 00:08:05
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-JUL-2010 00:08:05
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-JUL-2010 00:08:05



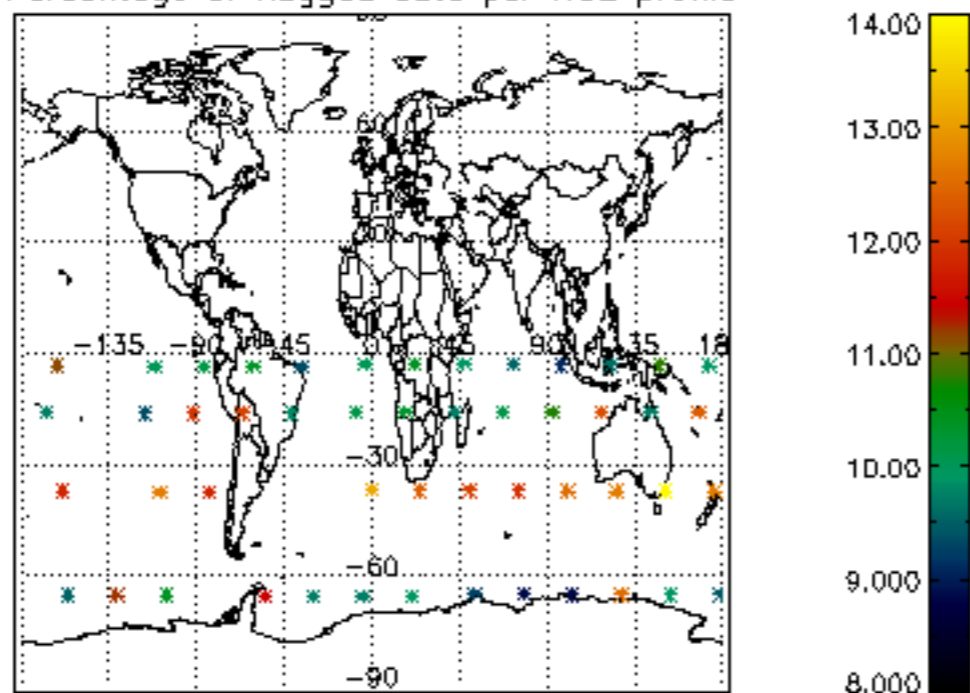
Percentage of flagged data per D3 profile



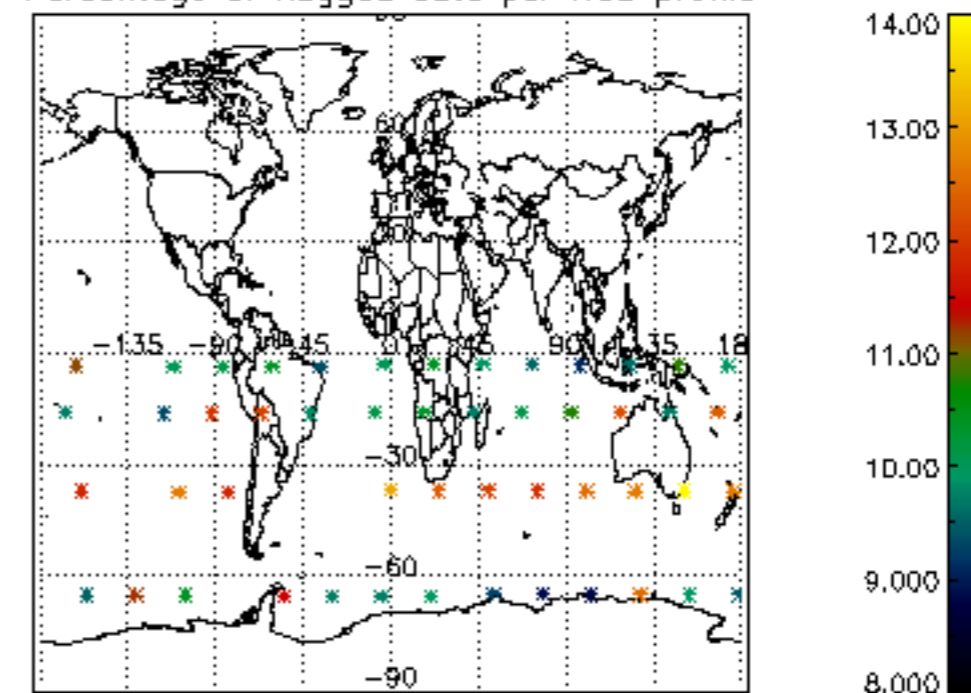
Percentage of flagged data per H2O profile



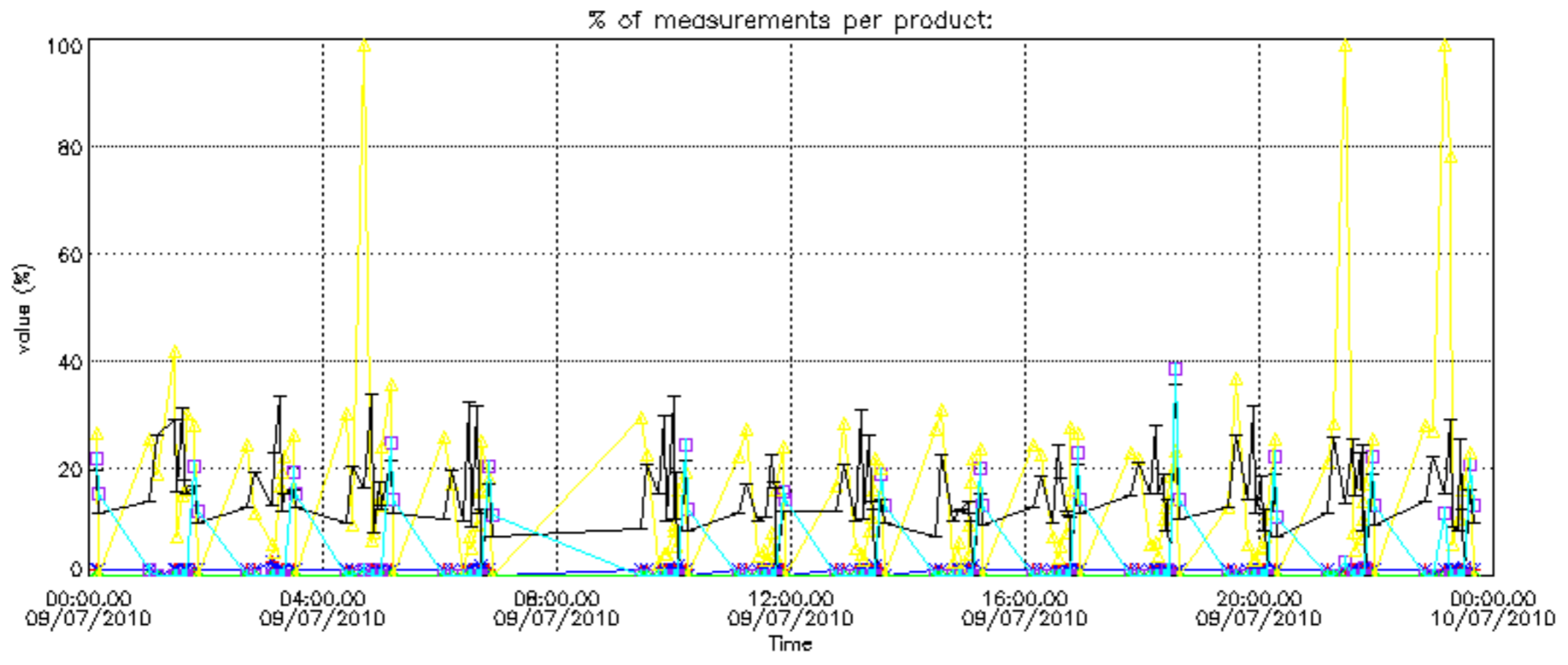
Percentage of flagged data per NO2 profile

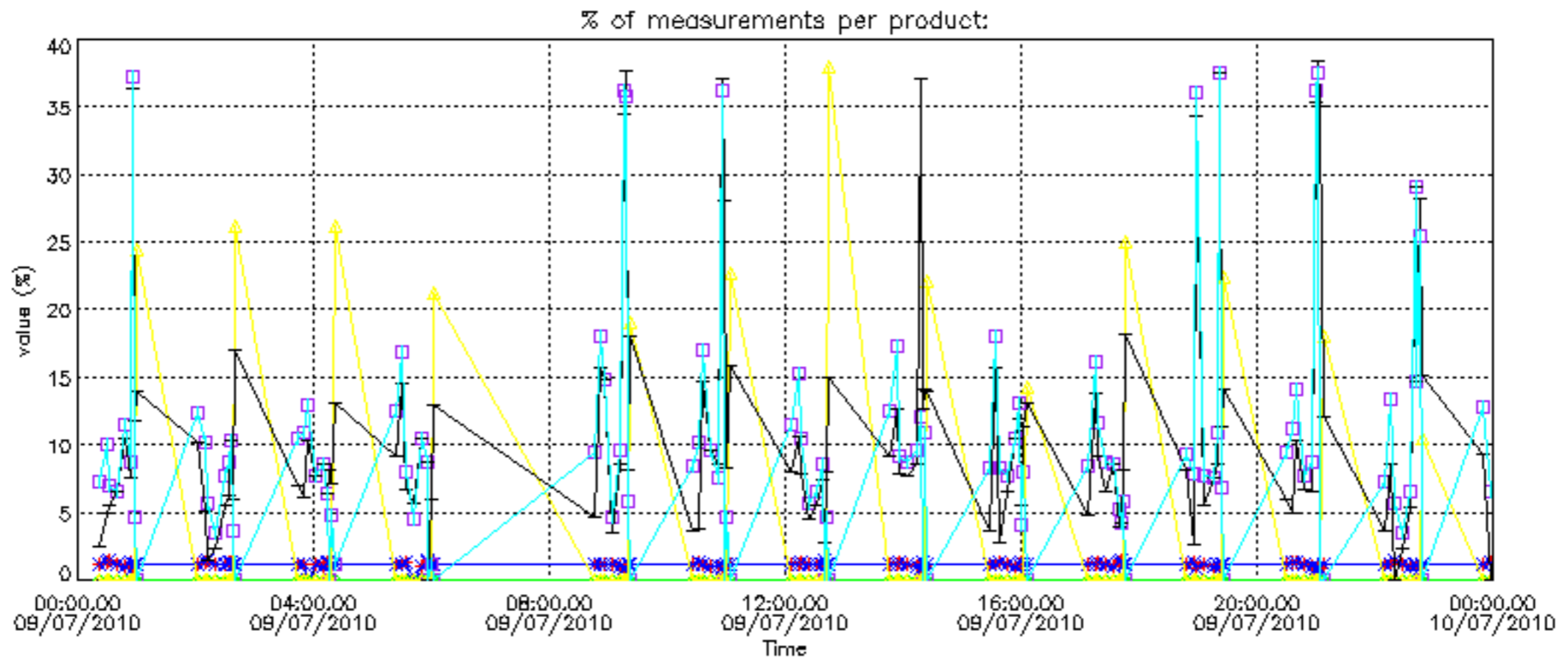


Percentage of flagged data per NO3 profile

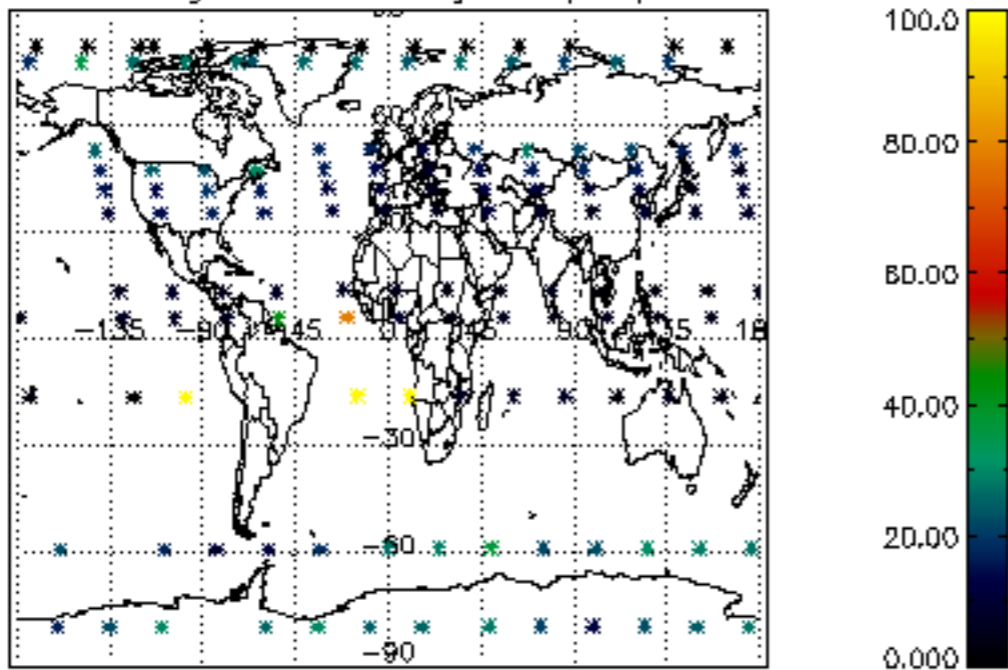




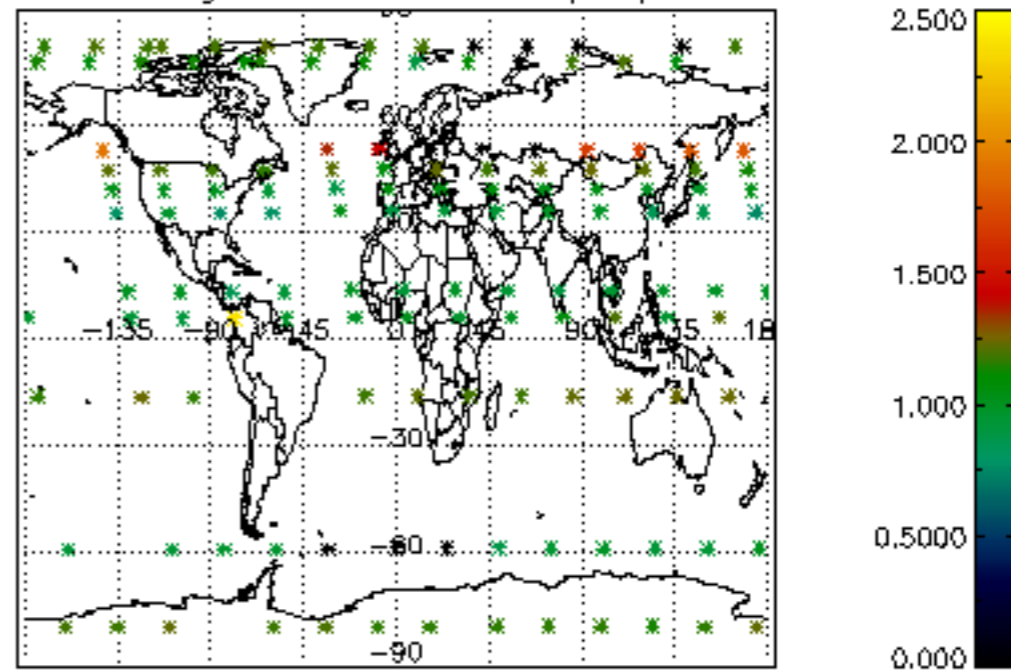




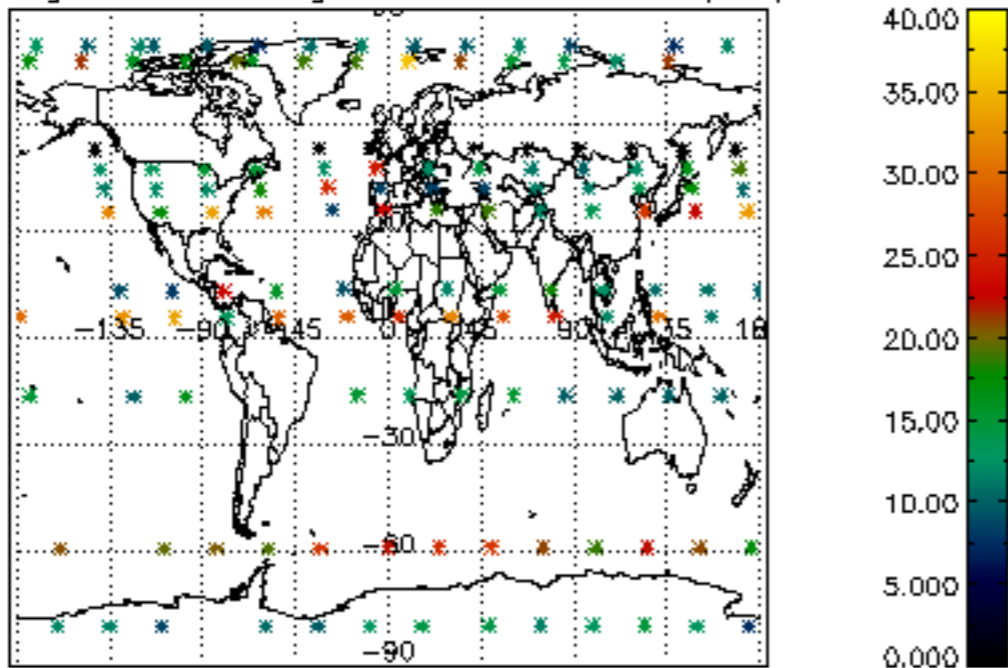
Percentage of cosmic ray hits per profile



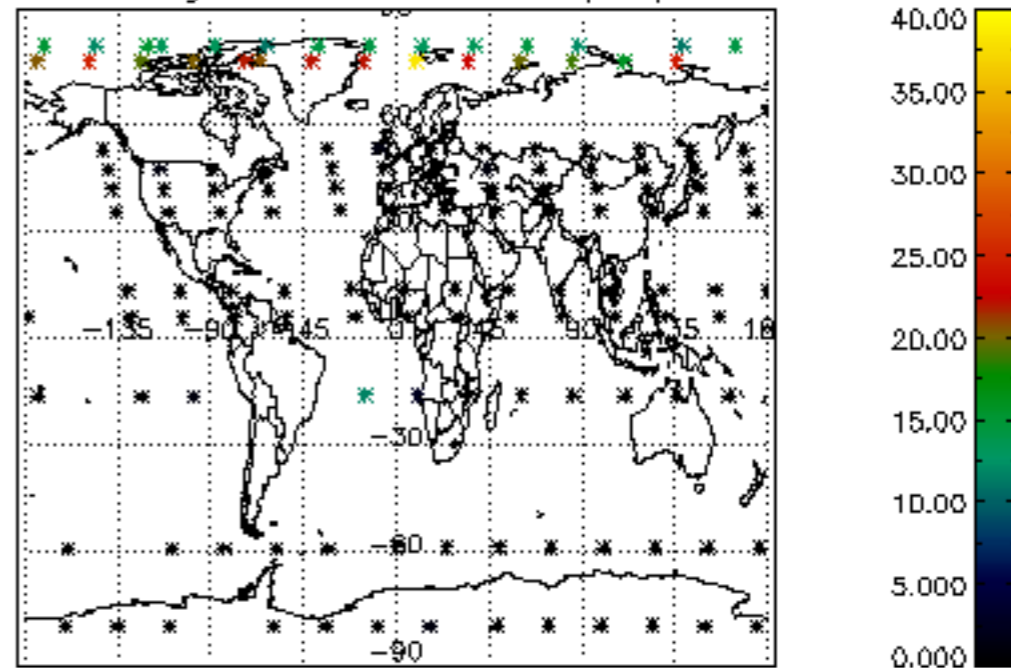
Percentage of datation errors per profile



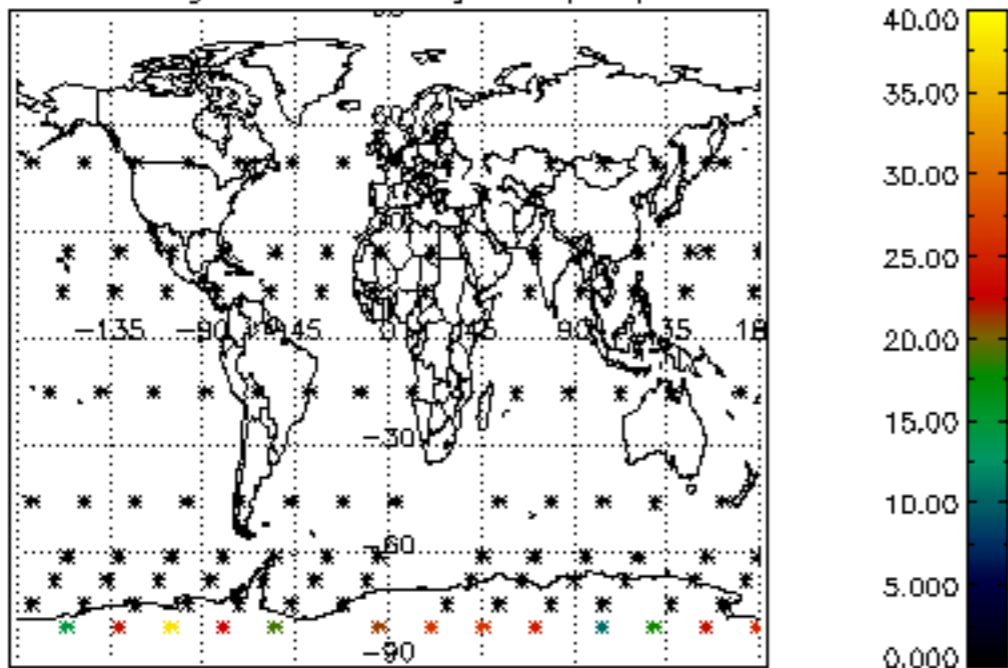
Percentage of star falling outside central band per profile



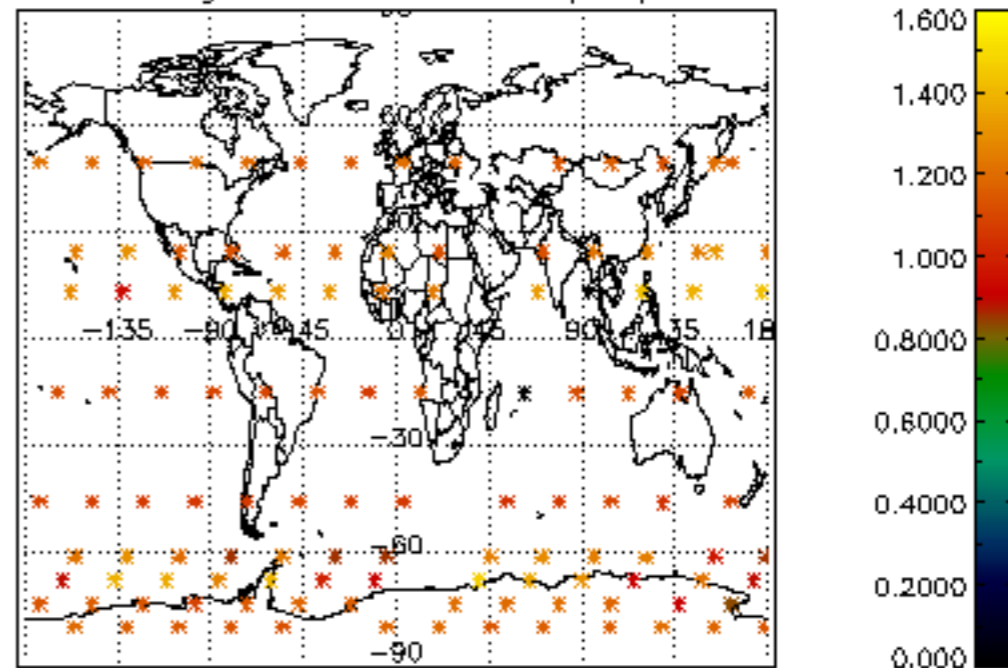
Percentage of saturation errors per profile



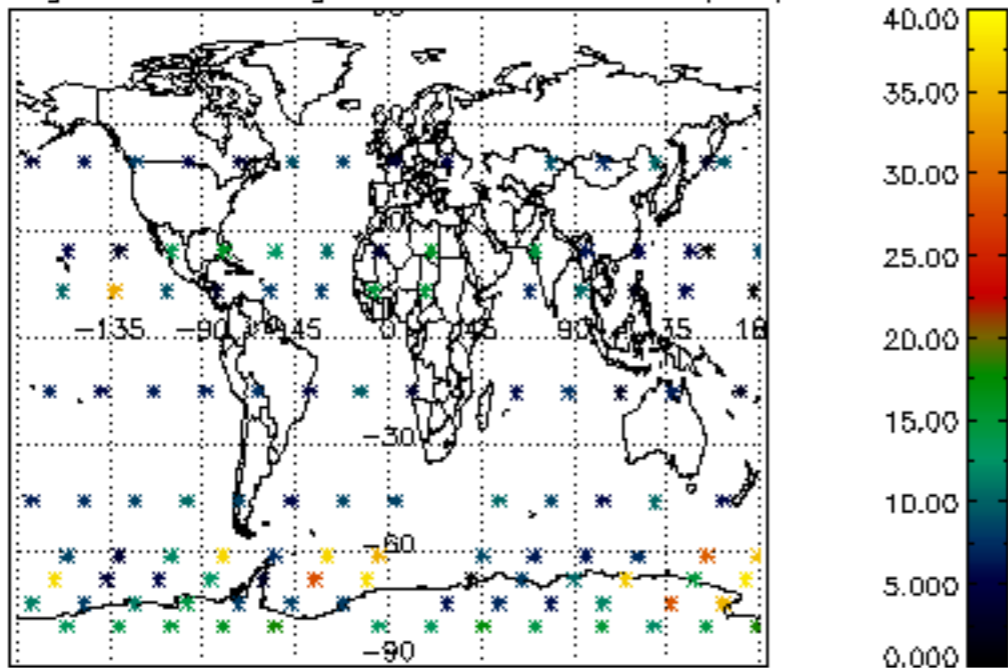
Percentage of cosmic ray hits per profile



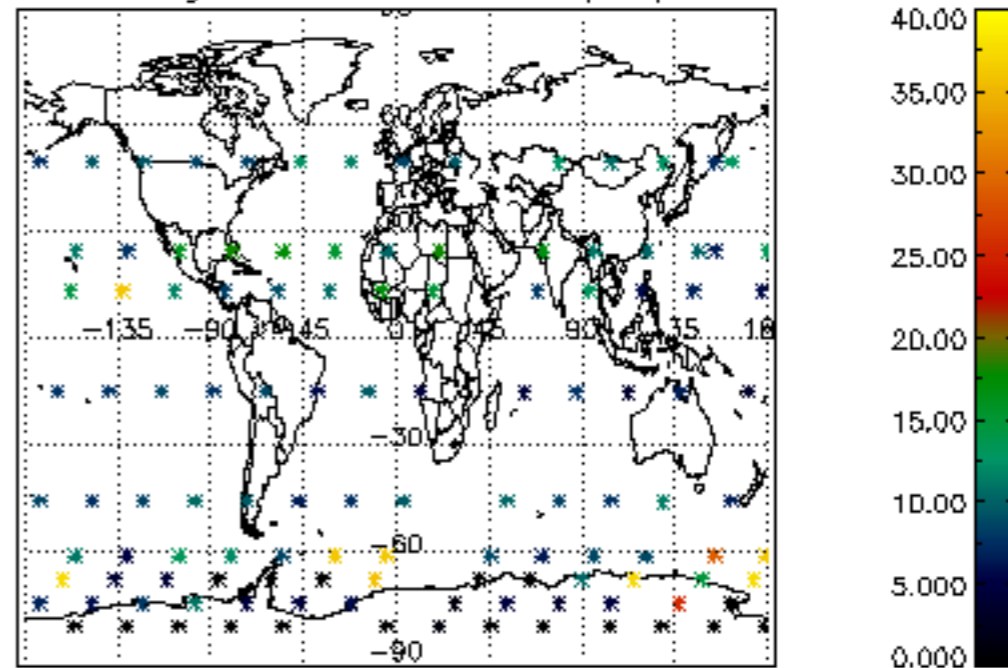
Percentage of datation errors per profile



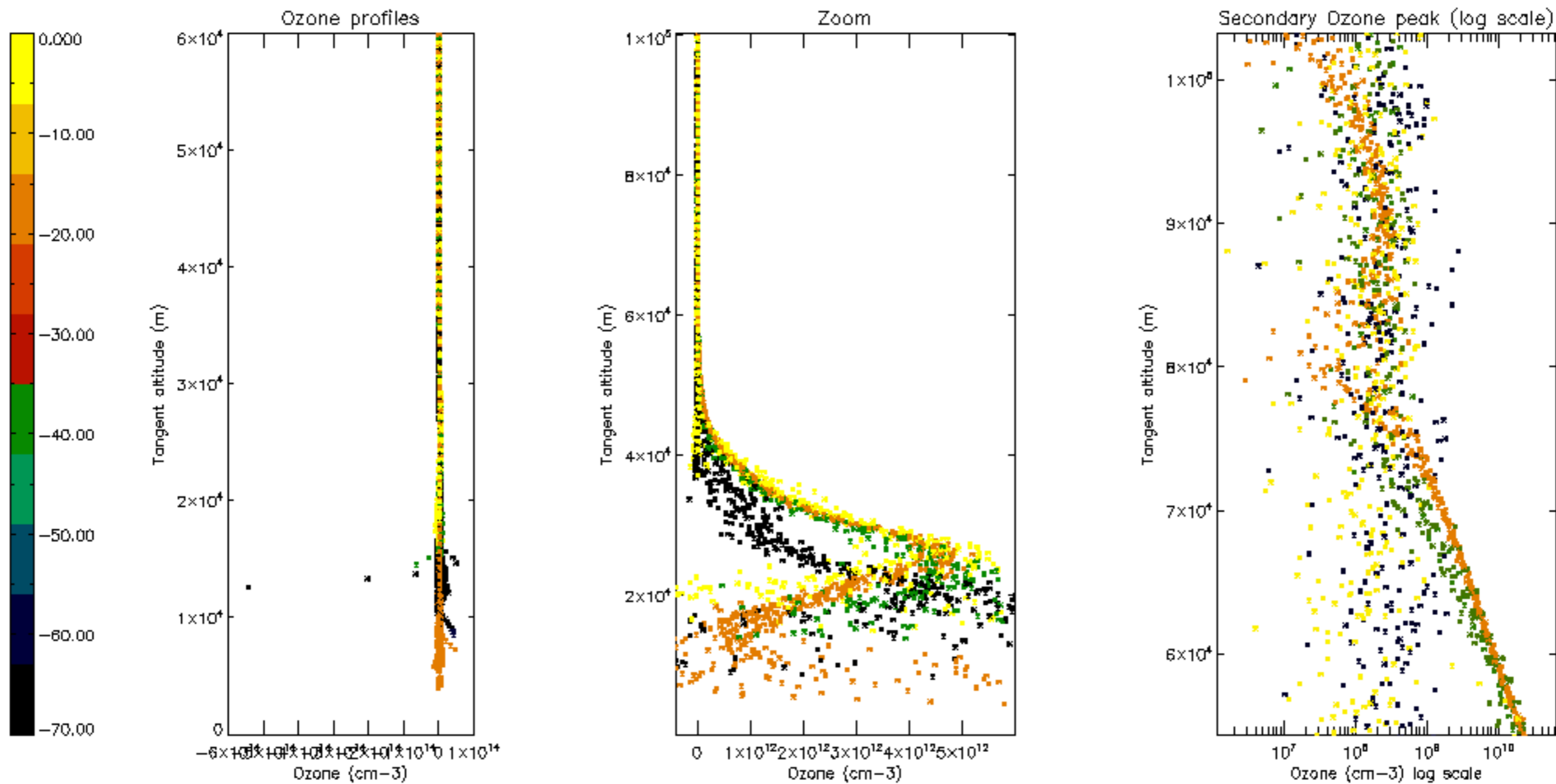
Percentage of star falling outside central band per profile

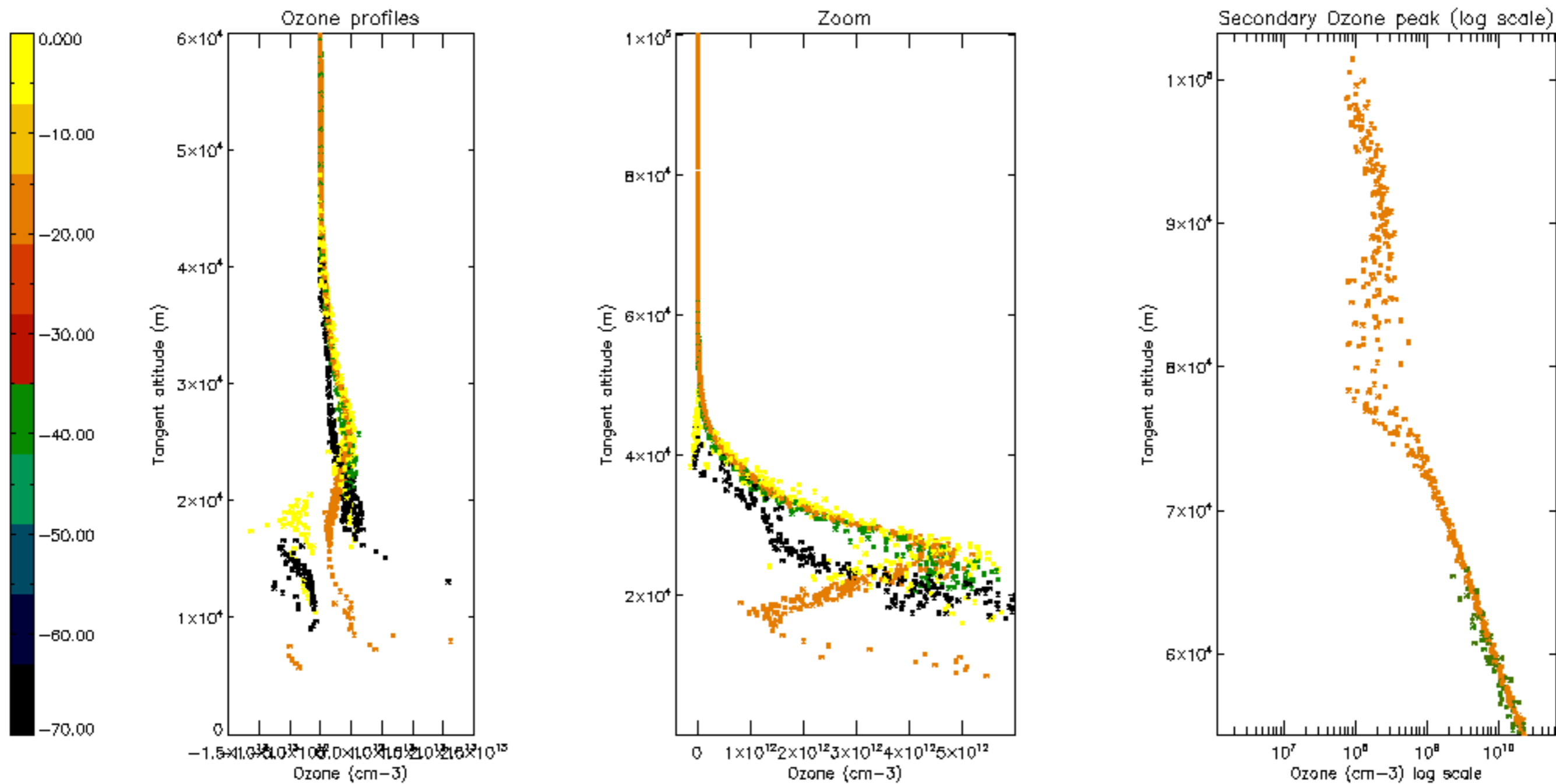


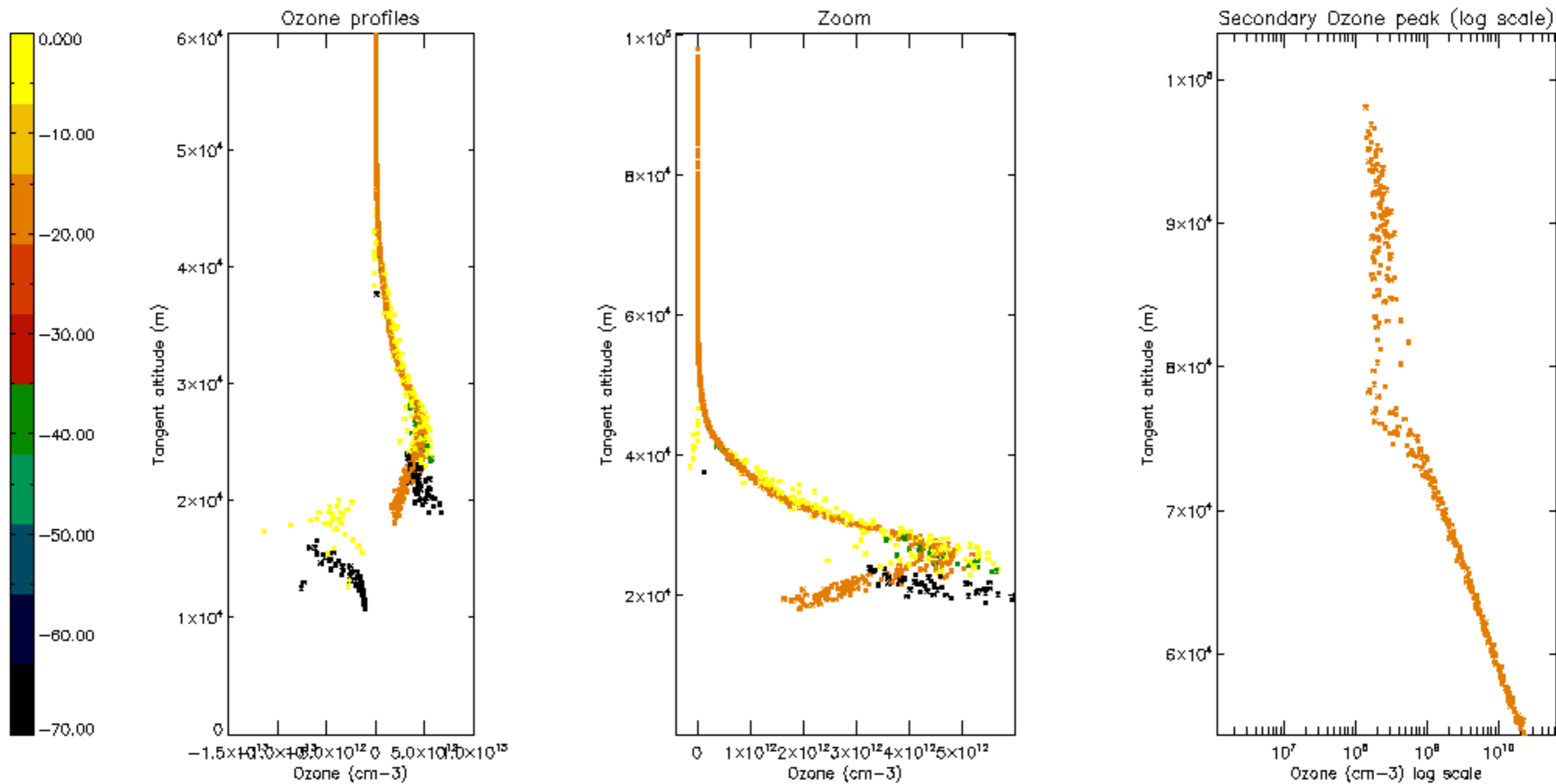
Percentage of saturation errors per profile

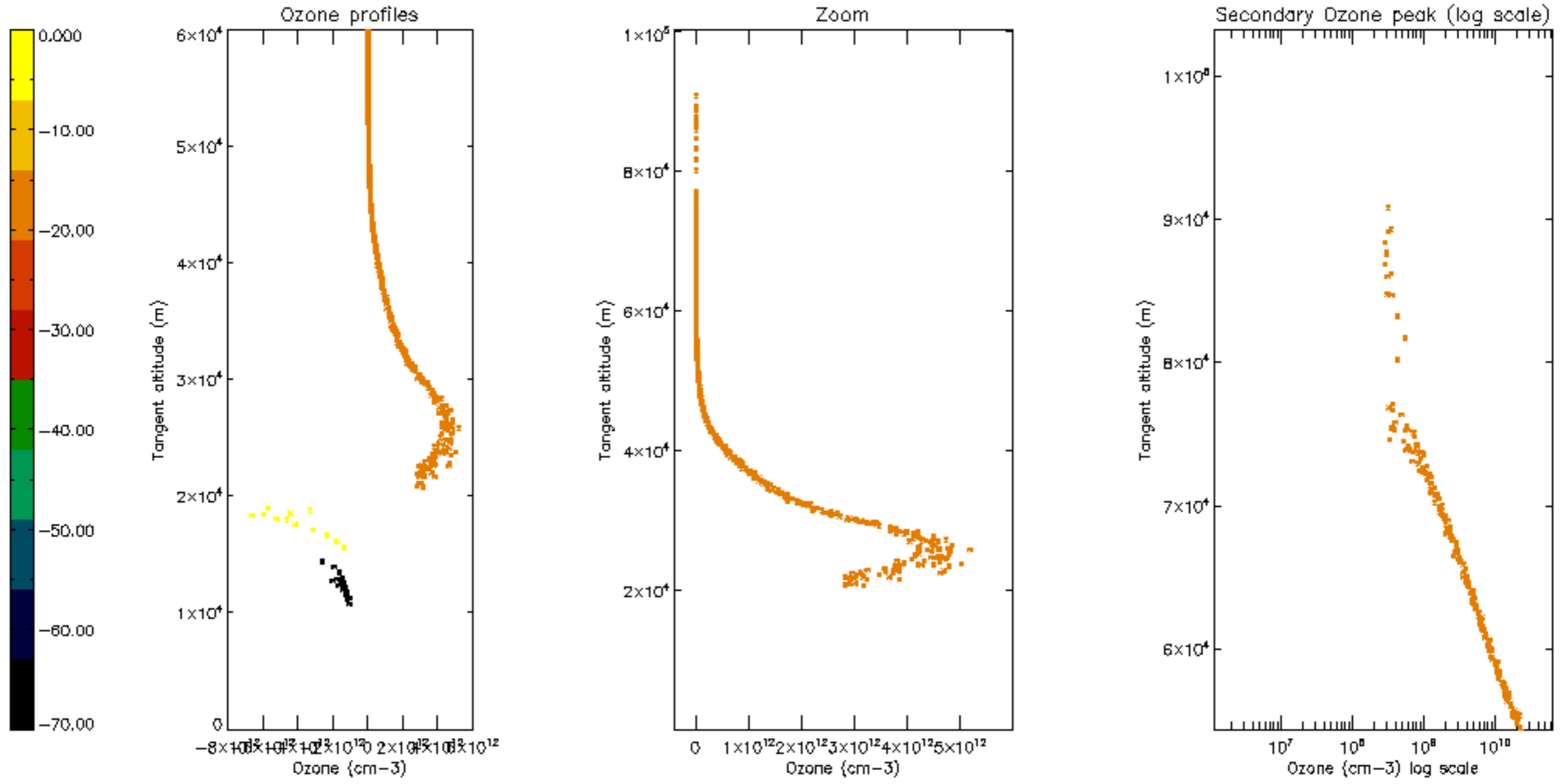




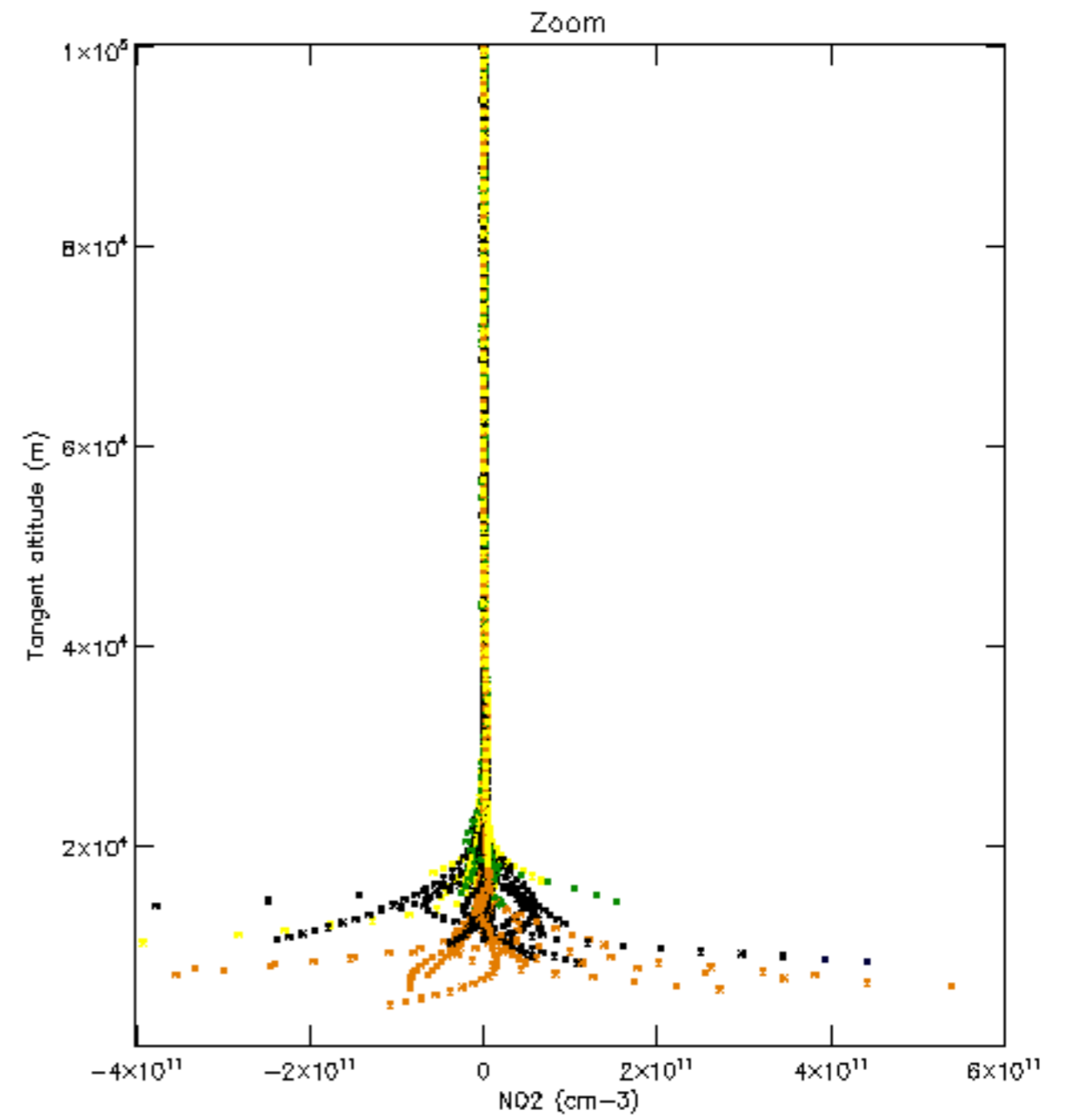
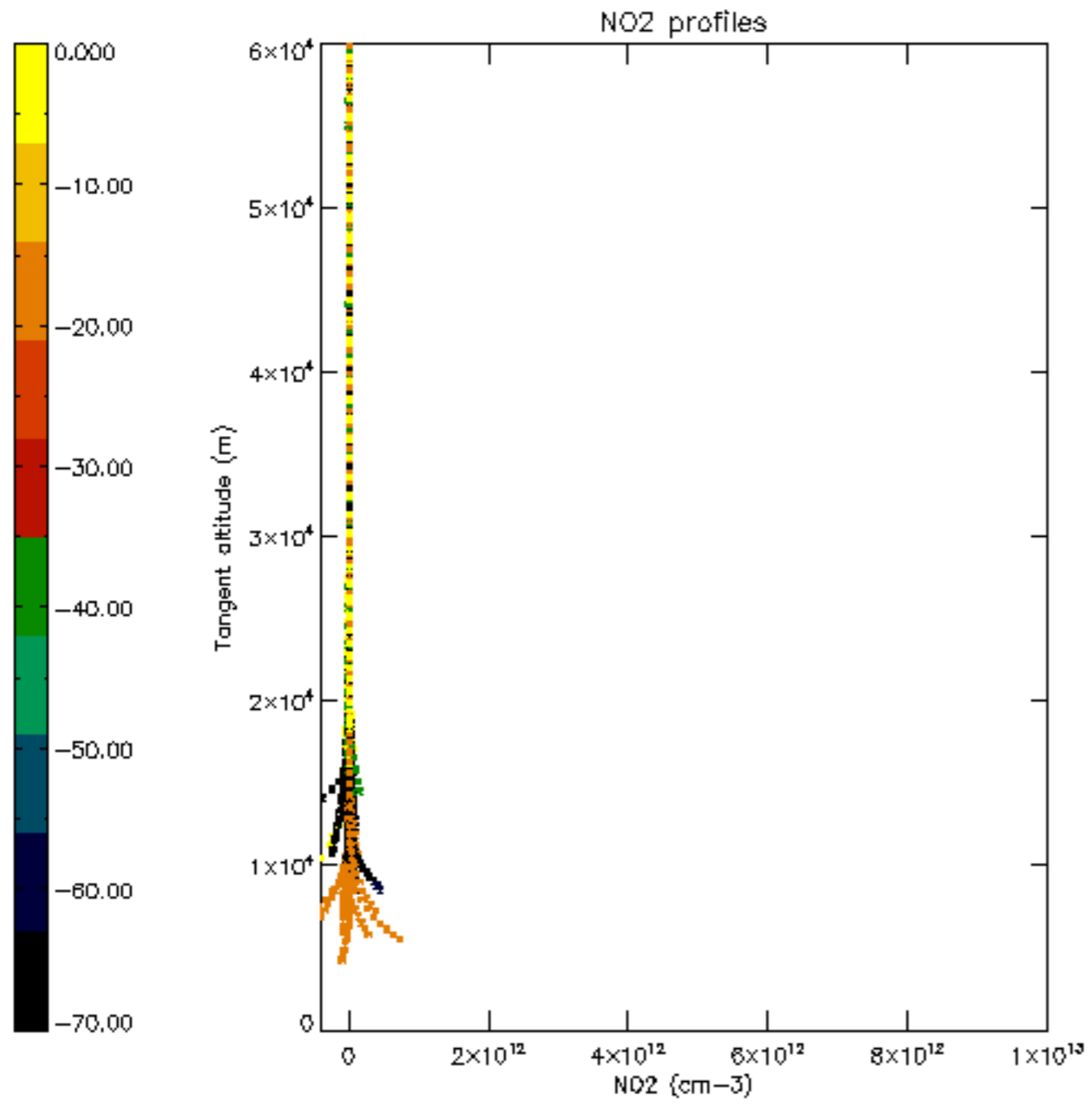


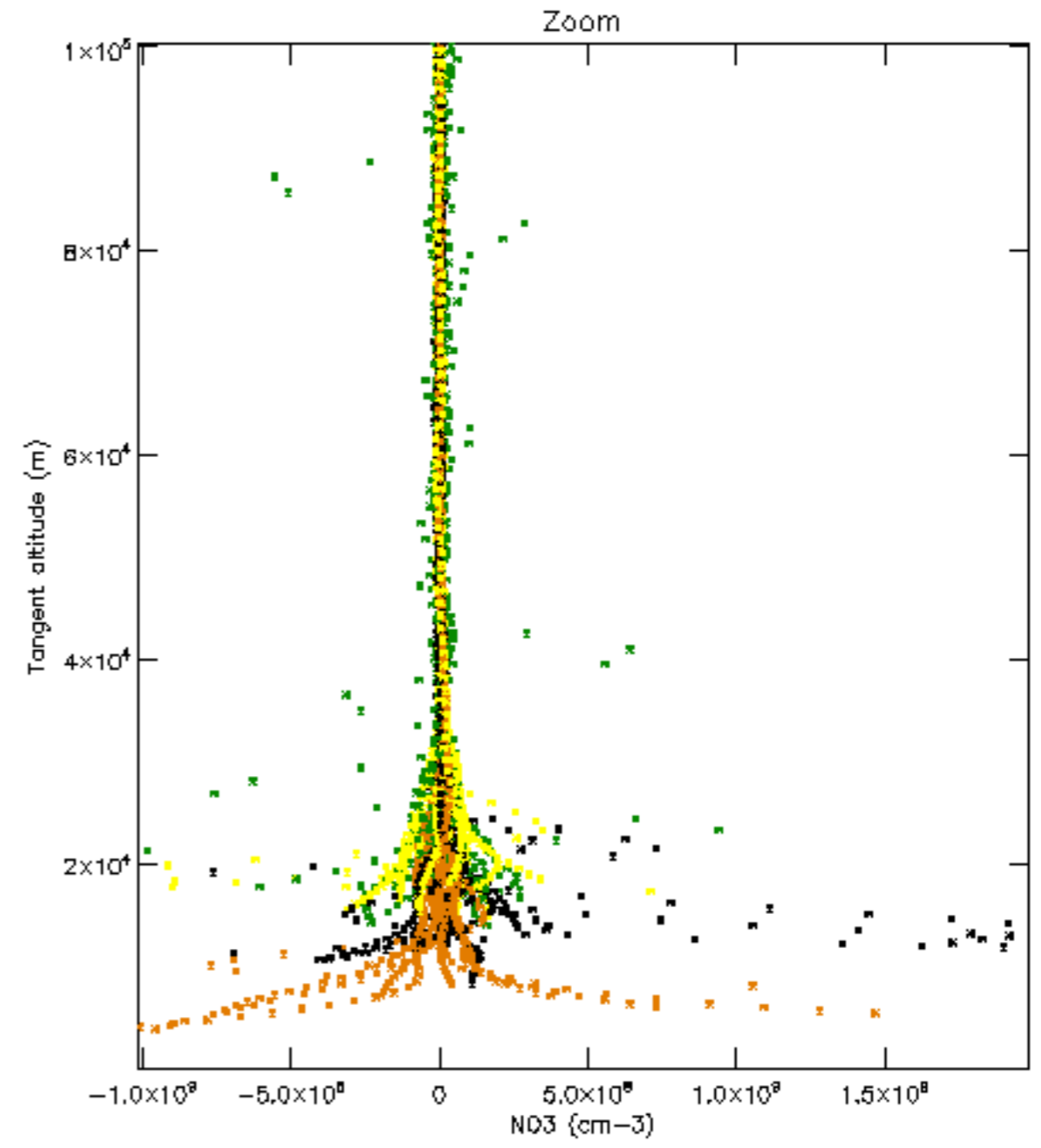
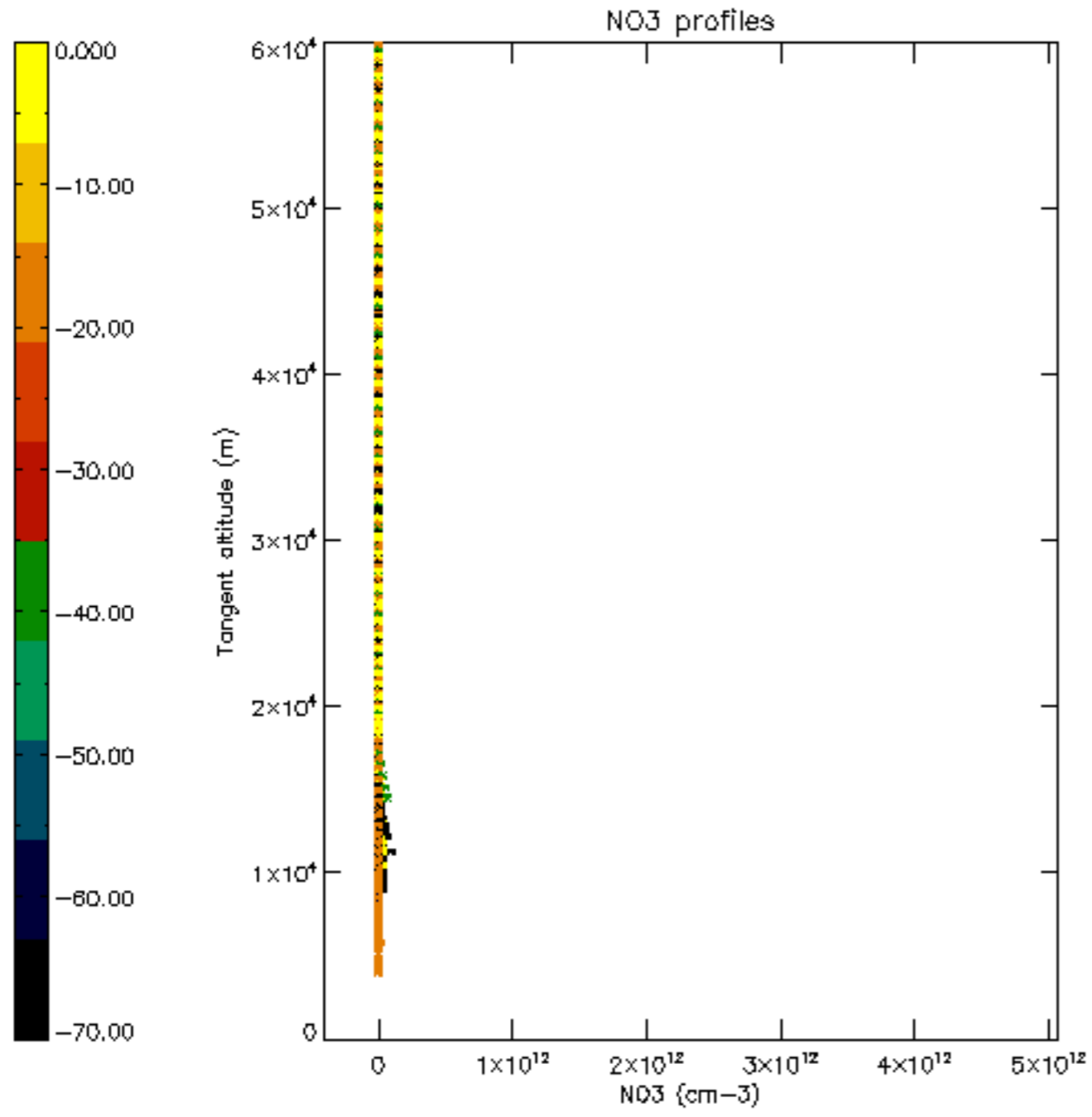


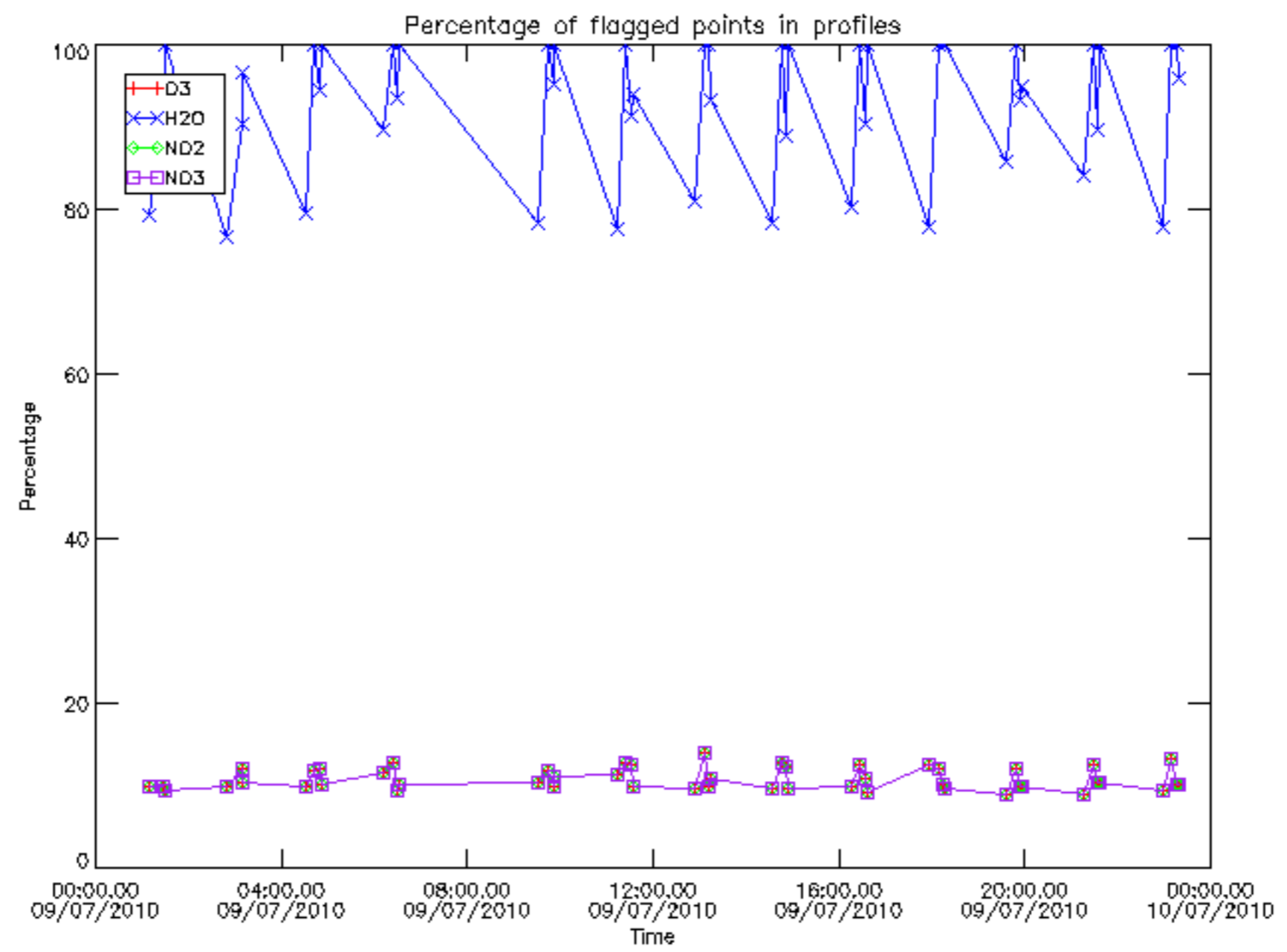




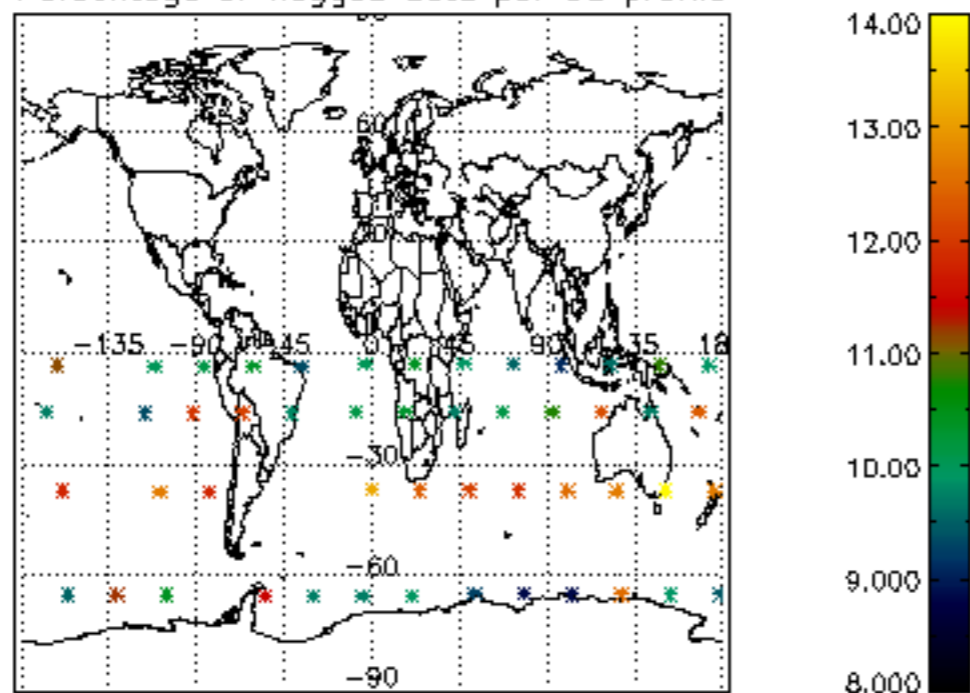




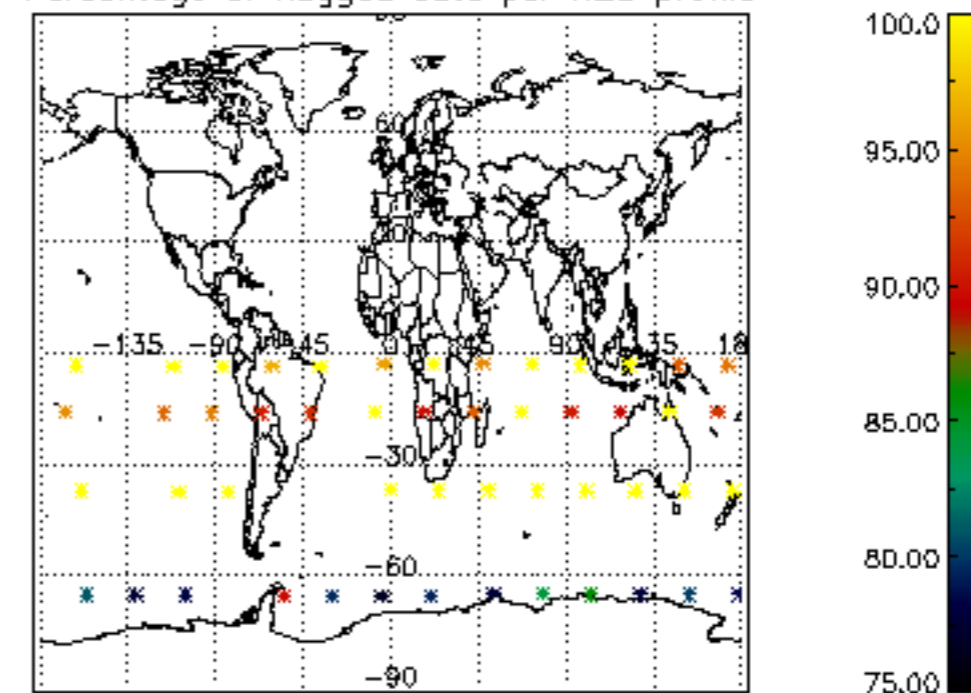




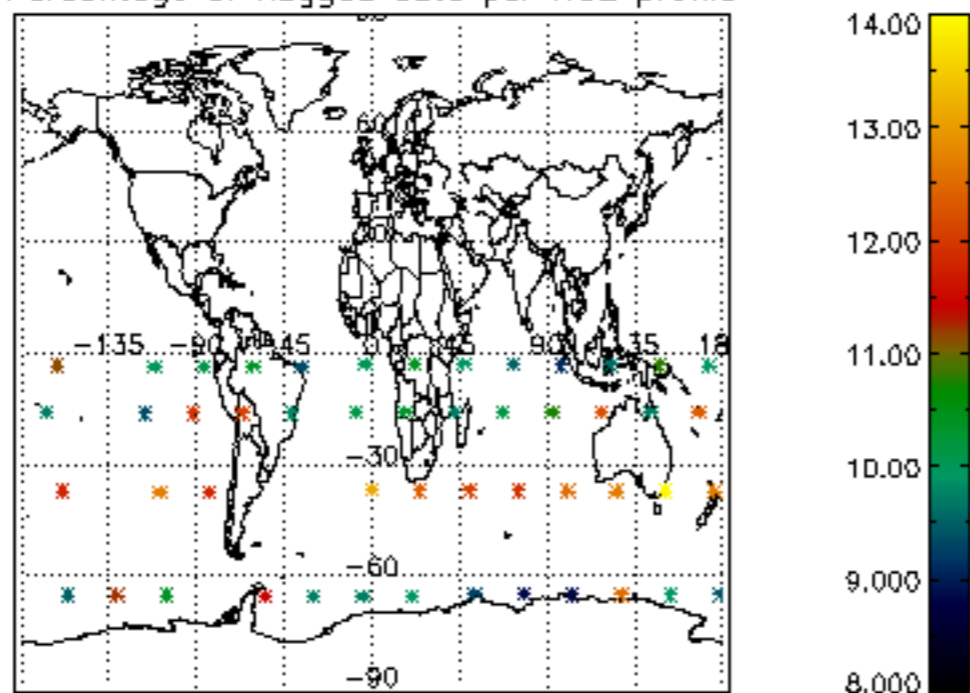
Percentage of flagged data per D3 profile



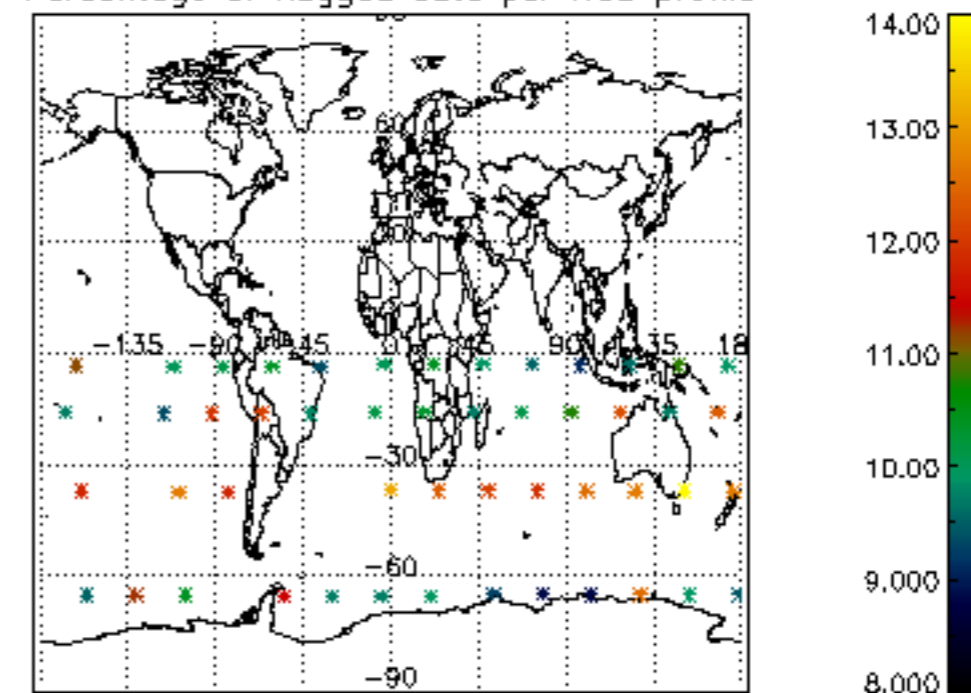
Percentage of flagged data per H2O profile



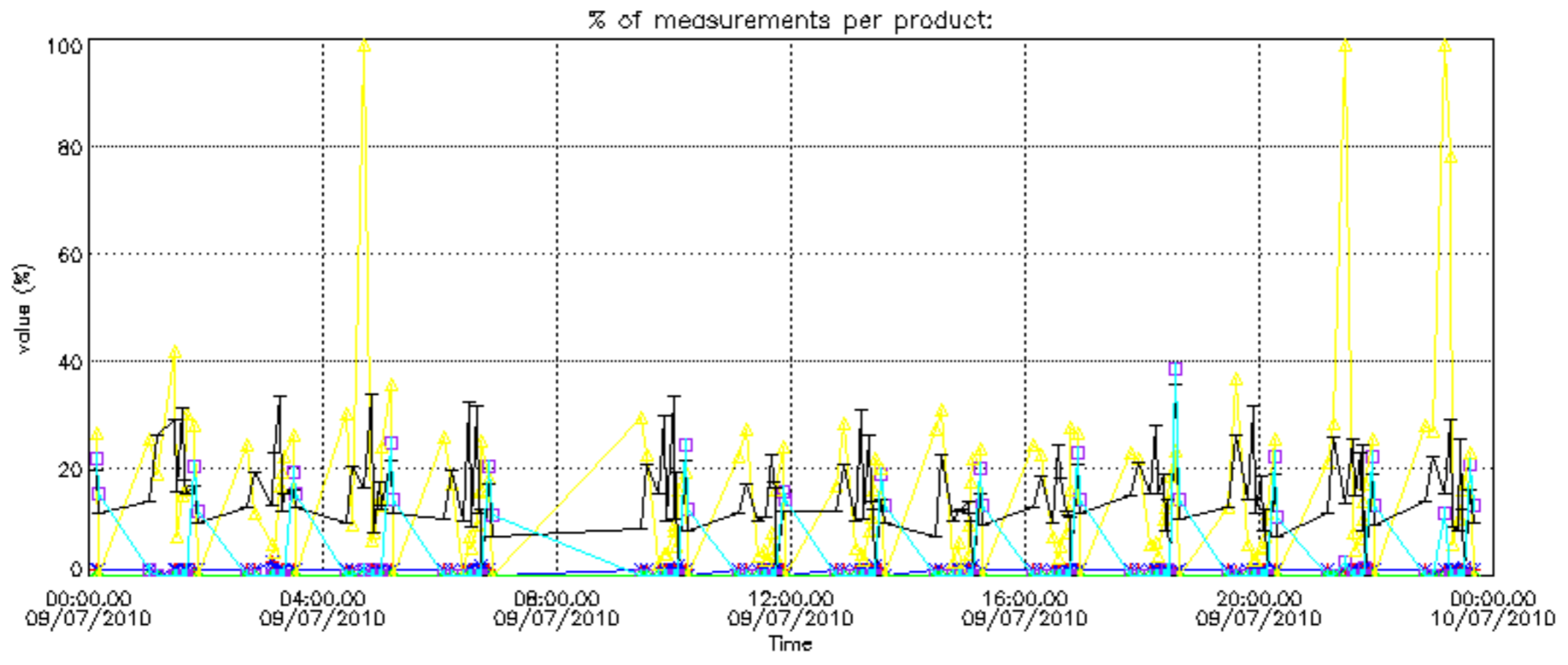
Percentage of flagged data per NO2 profile

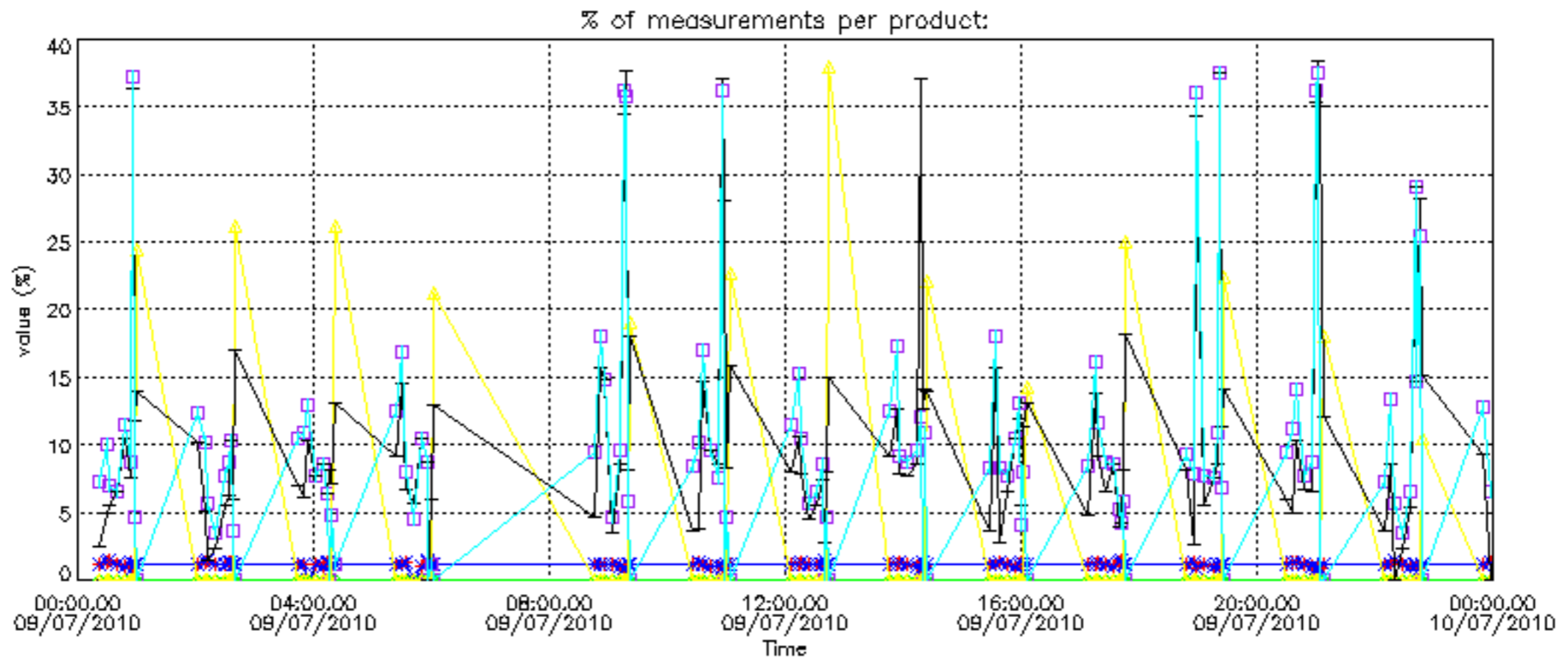


Percentage of flagged data per NO3 profile

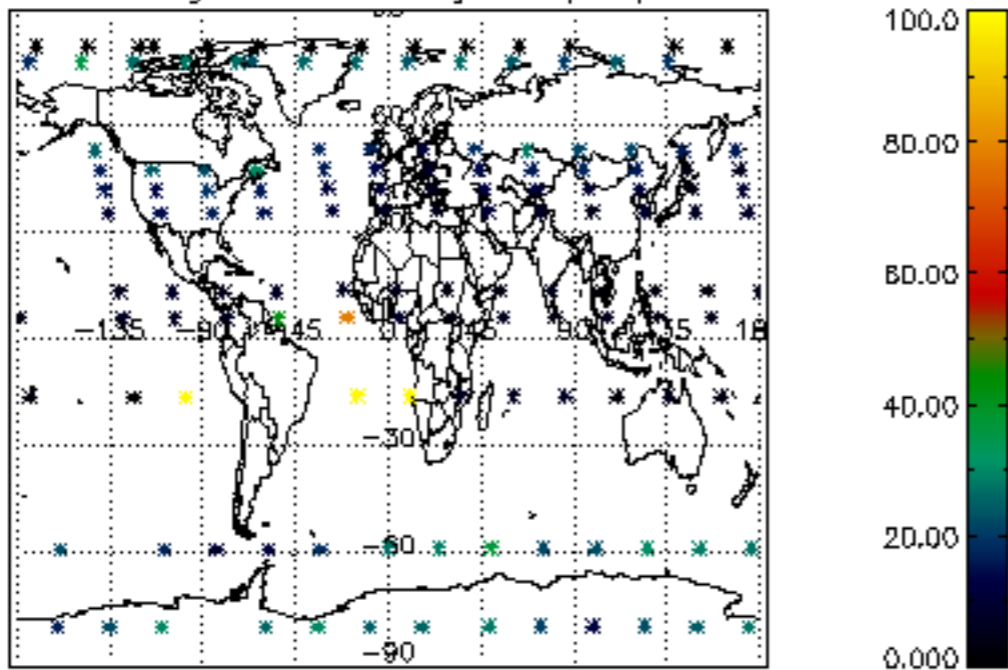




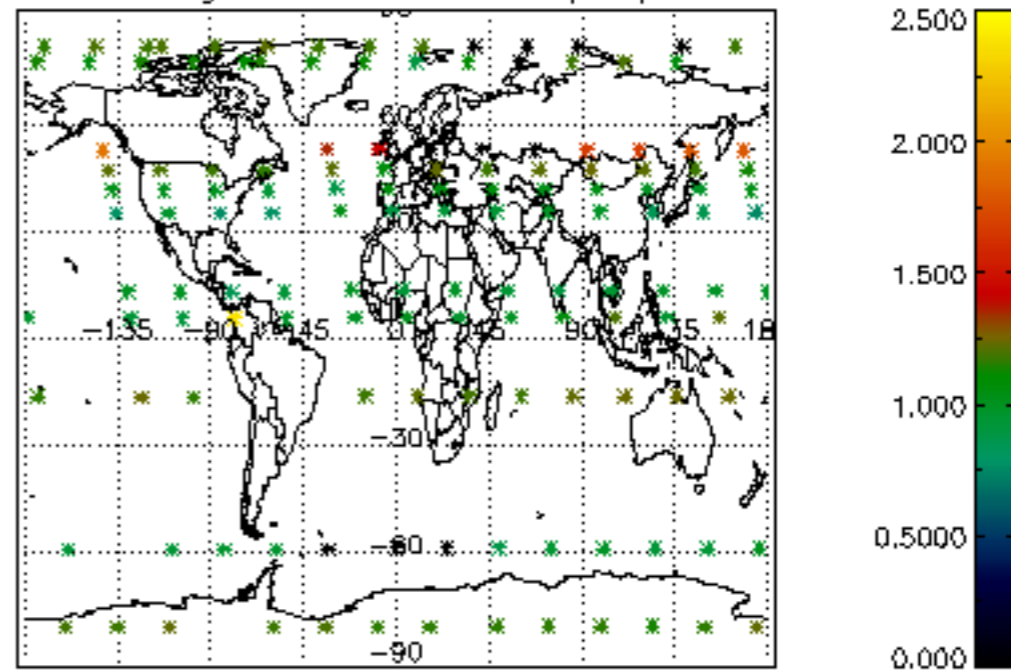




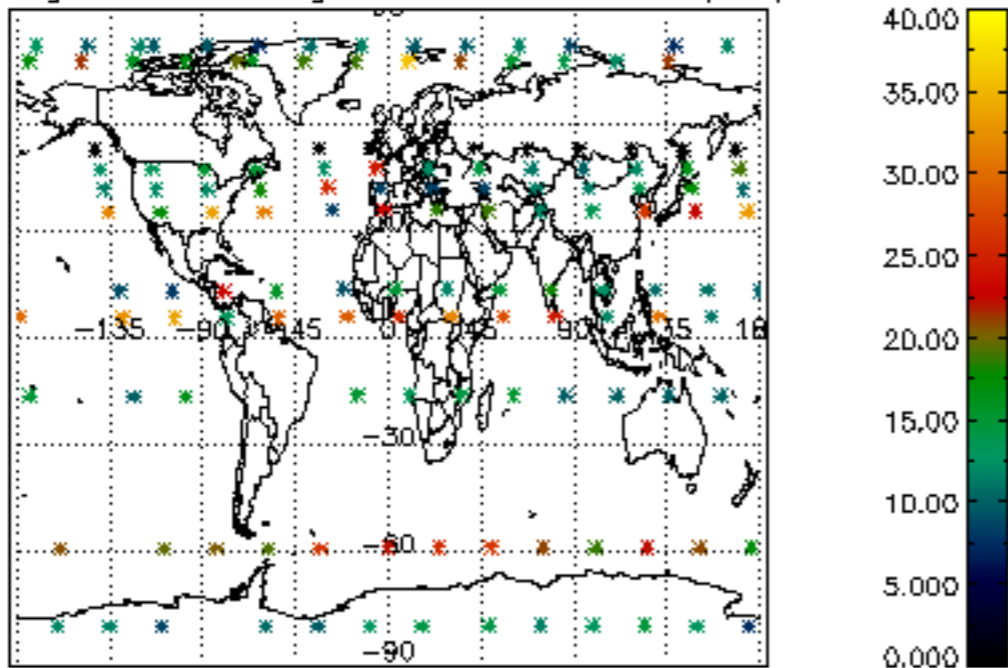
Percentage of cosmic ray hits per profile



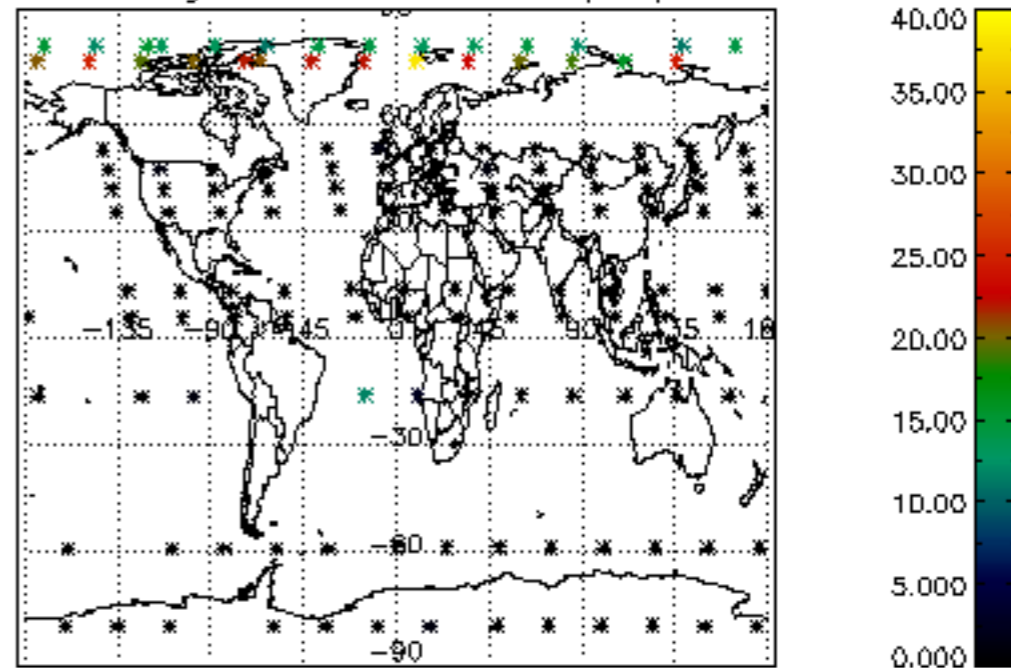
Percentage of datation errors per profile



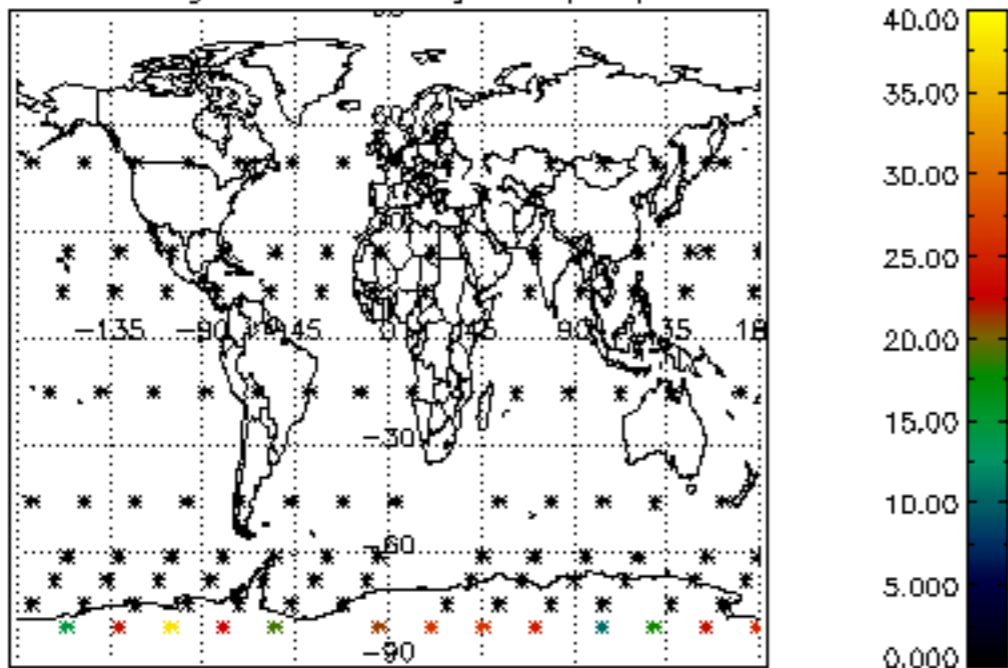
Percentage of star falling outside central band per profile



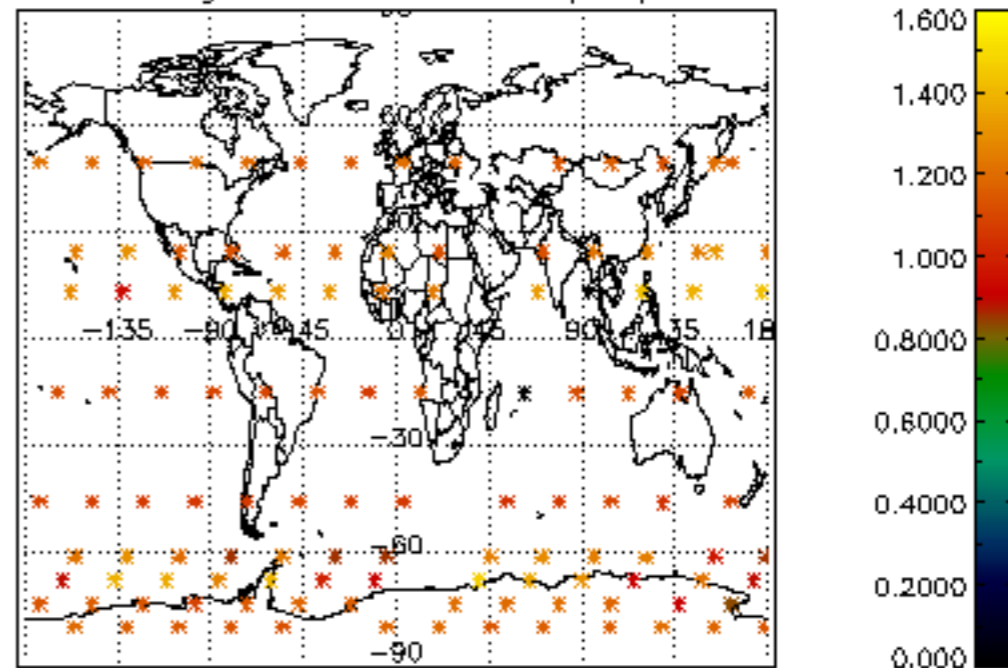
Percentage of saturation errors per profile



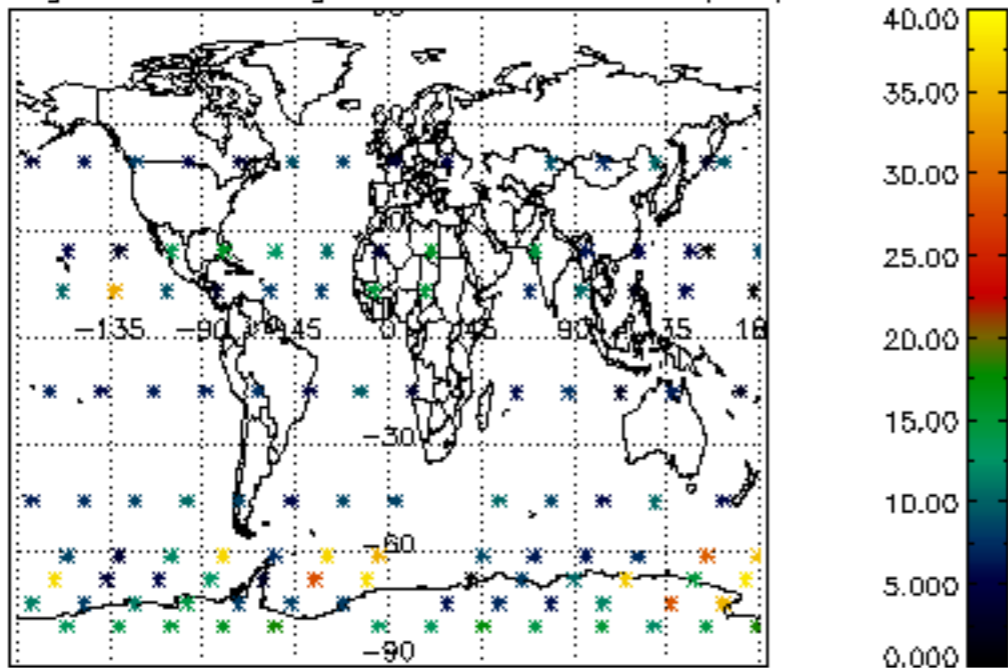
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

