

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 13:42:19
Data source version	GOMOS/6.01
Start time of products	02-08-2010 (02AUG2010 00:00:00)
Stop time of products	03-08-2010 (03AUG2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	218
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__2PRFIN20100802_021732_000000432091_00390_44031_9375.N1	02-AUG-2010 02:17:32	Dark	43.000	9	Alp Eri	0.45300	24000.	86	44031	No
2	GOM_NL__2PRFIN20100802_022223_000000672091_00390_44031_9376.N1	02-AUG-2010 02:22:23	Straylight	66.500	84	Alp Phe	2.3970	4500.0	133	44031	No
3	GOM_NL__2PRFIN20100802_022743_000000512091_00390_44031_9377.N1	02-AUG-2010 02:27:43	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	44031	No
4	GOM_NL__2PRFIN20100802_023051_000000452091_00390_44031_9378.N1	02-AUG-2010 02:30:51	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	44031	No
5	GOM_NL__2PRFIN20100802_024636_000000402091_00390_44031_9379.N1	02-AUG-2010 02:46:36	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	44031	No
6	GOM_NL__2PRFIN20100802_025511_000000462091_00390_44031_9380.N1	02-AUG-2010 02:55:11	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	44031	No
7	GOM_NL__2PRFIN20100802_025710_000000382091_00390_44031_9381.N1	02-AUG-2010 02:57:10	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	44031	No
8	GOM_NL__2PRFIN20100802_030343_000000392091_00390_44031_9382.N1	02-AUG-2010 03:03:43	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	44031	No
9	GOM_NL__2PRFIN20100802_031832_000000482091_00390_44031_9383.N1	02-AUG-2010 03:18:32	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	44031	No
10	GOM_NL__2PRFIN20100802_032013_000000502091_00390_44031_9384.N1	02-AUG-2010 03:20:13	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	44031	No
11	GOM_NL__2PRFIN20100802_032219_000000422091_00390_44031_9385.N1	02-AUG-2010 03:22:19	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	44031	No
12	GOM_NL__2PRFIN20100802_032413_000000532091_00390_44031_9386.N1	02-AUG-2010 03:24:13	Bright	53.000	149	45Eps Per	2.8880	30000.	106	44031	No
13	GOM_NL__2PRFIN20100802_032734_000000462091_00390_44031_9387.N1	02-AUG-2010 03:27:34	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	44031	No
14	GOM_NL__2PRFIN20100802_032939_000000412091_00390_44031_9388.N1	02-AUG-2010 03:29:39	Twilight_and_stray	41.000	176	23Zet Tau	3.0200	22000.	82	44031	No
15	GOM_NL__2PRFIN20100802_033212_000000532091_00390_44031_9389.N1	02-AUG-2010 03:32:12	Dark	52.500	13	87Alp Tau	0.86700	3800.0	105	44031	No
16	GOM_NL__2PRFIN20100802_033411_000000402091_00390_44031_9390.N1	02-AUG-2010 03:34:11	Dark	39.500	27	24Gam Ori	1.6360	26000.	79	44031	No
17	GOM_NL__2PRFIN20100802_033606_000000382091_00390_44031_9391.N1	02-AUG-2010 03:36:06	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	44031	No
18	GOM_NL__2PRFIN20100802_033836_000000562091_00390_44031_9392.N1	02-AUG-2010 03:38:36	Dark	56.000	7	19Bet Ori	0.10000	14000.	112	44031	No
19	GOM_NL__2PRFIN20100802_034316_000000572091_00390_44031_9393.N1	02-AUG-2010 03:43:16	Dark	57.000	165	34Gam Eri	2.9500	3200.0	114	44031	No
20	GOM_NL__2PRFIN20100802_035242_000000462091_00390_44031_9394.N1	02-AUG-2010 03:52:42	Dark	46.000	157	The1Eri	2.9060	9300.0	92	44031	No
21	GOM_NL__2PRFIN20100802_071923_000000432091_00393_44034_9445.N1	02-AUG-2010 07:19:23	Dark	42.500	9	Alp Eri	0.45300	24000.	85	44034	No
22	GOM_NL__2PRFIN20100802_072414_000000642091_00393_44034_9446.N1	02-AUG-2010 07:24:14	Straylight	64.000	84	Alp Phe	2.3970	4500.0	128	44034	No
23	GOM_NL__2PRFIN20100802_072932_000000482091_00393_44034_9447.N1	02-AUG-2010 07:29:32	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	44034	No
24	GOM_NL__2PRFIN20100802_073240_000000452091_00393_44034_9448.N1	02-AUG-2010 07:32:40	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	44034	No
25	GOM_NL__2PRFIN20100802_074824_000000402091_00393_44034_9449.N1	02-AUG-2010 07:48:24	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	44034	No
26	GOM_NL__2PRFIN20100802_075657_000000462091_00393_44034_9450.N1	02-AUG-2010 07:56:57	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	44034	No
27	GOM_NL__2PRFIN20100802_075857_000000382091_00393_44034_9451.N1	02-AUG-2010 07:58:57	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	44034	No
28	GOM_NL__2PRFIN20100802_080530_000000412091_00393_44034_9452.N1	02-AUG-2010 08:05:30	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	44034	No
29	GOM_NL__2PRFIN20100802_082019_000000502091_00393_44034_9453.N1	02-AUG-2010 08:20:19	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	44034	No
30	GOM_NL__2PRFIN20100802_082200_000000502091_00393_44034_9454.N1	02-AUG-2010 08:22:00	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	44034	No
31	GOM_NL__2PRFIN20100802_082407_000000432091_00393_44034_9455.N1	02-AUG-2010 08:24:07	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	44034	No
32	GOM_NL__2PRFIN20100802_082634_000000342091_00393_44034_9456.N1	02-AUG-2010 08:26:34	Bright	34.000	107	37The Aur	2.6490	11000.	68	44034	No
33	GOM_NL__2PRFIN20100802_082923_000000472091_00393_44034_9457.N1	02-AUG-2010 08:29:23	Bright	46.500	28	12Bet Tau	1.6500	15200.	93	44034	No
34	GOM_NL__2PRFIN20100802_083128_000000402091_00393_44034_9458.N1	02-AUG-2010 08:31:28	Twilight_and_stray	40.000	176	23Zet Tau	3.0200	22000.	80	44034	No
35	GOM_NL__2PRFIN20100802_083401_000000452091_00393_44034_9459.N1	02-AUG-2010 08:34:01	Dark	45.000	13	87Alp Tau	0.86700	3800.0	90	44034	No
36	GOM_NL__2PRFIN20100802_083600_000000402091_00393_44034_9460.N1	02-AUG-2010 08:36:00	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	44034	No
37	GOM_NL__2PRFIN20100802_083755_000000452091_00393_44034_9461.N1	02-AUG-2010 08:37:55	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	44034	No
38	GOM_NL__2PRFIN20100802_084025_000000492091_00393_44034_9462.N1	02-AUG-2010 08:40:25	Dark	48.500	7	19Bet Ori	0.10000	14000.	97	44034	No
39	GOM_NL__2PRFIN20100802_084507_000000562091_00393_44034_9463.N1	02-AUG-2010 08:45:07	Dark	56.000	165	34Gam Eri	2.9500	3200.0	112	44034	No
40	GOM_NL__2PRFIN20100802_085433_000000472091_00393_44034_9464.N1	02-AUG-2010 08:54:33	Dark	46.500	157	The1Eri	2.9060	9300.0	93	44034	No
41	GOM_NL__2PRFIN20100802_085959_000000432091_00394_44035_9510.N1	02-AUG-2010 08:59:59	Dark	43.000	9	Alp Eri	0.45300	24000.	86	44035	No
42	GOM_NL__2PRFIN20100802_090451_000000552091_00394_44035_9511.N1	02-AUG-2010 09:04:51	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	44035	No

43	GOM_NL__2PRFIN20100802_091009_000000502091_00394_44035_9512.N1	02-AUG-2010 09:10:09	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	44035	No
44	GOM_NL__2PRFIN20100802_091317_000000462091_00394_44035_9513.N1	02-AUG-2010 09:13:17	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	44035	No
45	GOM_NL__2PRFIN20100802_092900_000000392091_00394_44035_9514.N1	02-AUG-2010 09:29:00	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	44035	No
46	GOM_NL__2PRFIN20100802_093733_000000462091_00394_44035_9515.N1	02-AUG-2010 09:37:33	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	44035	No
47	GOM_NL__2PRFIN20100802_093933_000000372091_00394_44035_9516.N1	02-AUG-2010 09:39:33	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	44035	No
48	GOM_NL__2PRFIN20100802_094606_000000412091_00394_44035_9517.N1	02-AUG-2010 09:46:06	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	44035	No
49	GOM_NL__2PRFIN20100802_100055_000000702091_00394_44035_9518.N1	02-AUG-2010 10:00:55	Bright	70.000	160	23Gam Per	2.9300	4700.0	140	44035	No
50	GOM_NL__2PRFIN20100802_100236_000000512091_00394_44035_9519.N1	02-AUG-2010 10:02:36	Bright	50.500	35	33Alp Per	1.7950	6250.0	101	44035	No
51	GOM_NL__2PRFIN20100802_100442_000000422091_00394_44035_9520.N1	02-AUG-2010 10:04:42	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	44035	No
52	GOM_NL__2PRFIN20100802_100710_000000342091_00394_44035_9521.N1	02-AUG-2010 10:07:10	Bright	34.000	107	37The Aur	2.6490	11000.	68	44035	No
53	GOM_NL__2PRFIN20100802_100959_000000472091_00394_44035_9522.N1	02-AUG-2010 10:09:59	Bright	46.500	28	12Bet Tau	1.6500	15200.	93	44035	No
54	GOM_NL__2PRFIN20100802_101204_000000412091_00394_44035_9523.N1	02-AUG-2010 10:12:04	Tw_i_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	44035	No
55	GOM_NL__2PRFIN20100802_101437_000000542091_00394_44035_9524.N1	02-AUG-2010 10:14:37	Dark	54.000	13	87Alp Tau	0.86700	3800.0	108	44035	No
56	GOM_NL__2PRFIN20100802_101637_000000442091_00394_44035_9525.N1	02-AUG-2010 10:16:37	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	44035	No
57	GOM_NL__2PRFIN20100802_101832_000000432091_00394_44035_9526.N1	02-AUG-2010 10:18:32	Dark	42.500	30	46Eps Ori	1.6940	30000.	85	44035	No
58	GOM_NL__2PRFIN20100802_102102_000000522091_00394_44035_9527.N1	02-AUG-2010 10:21:02	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	44035	No
59	GOM_NL__2PRFIN20100802_102544_000000542091_00394_44035_9528.N1	02-AUG-2010 10:25:44	Dark	53.500	165	34Gam Eri	2.9500	3200.0	107	44035	No
60	GOM_NL__2PRFIN20100802_103509_000000482091_00394_44035_9529.N1	02-AUG-2010 10:35:09	Dark	48.000	157	The1Eri	2.9060	9300.0	96	44035	No
61	GOM_NL__2PRFIN20100802_104035_000000452091_00395_44036_9596.N1	02-AUG-2010 10:40:35	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44036	No
62	GOM_NL__2PRFIN20100802_104528_000000562091_00395_44036_9597.N1	02-AUG-2010 10:45:28	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	44036	No
63	GOM_NL__2PRFIN20100802_105045_000000452091_00395_44036_9598.N1	02-AUG-2010 10:50:45	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	44036	No
64	GOM_NL__2PRFIN20100802_105353_000000462091_00395_44036_9599.N1	02-AUG-2010 10:53:53	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	44036	No
65	GOM_NL__2PRFIN20100802_110935_000000402091_00395_44036_9600.N1	02-AUG-2010 11:09:35	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	44036	No
66	GOM_NL__2PRFIN20100802_111808_000000472091_00395_44036_9601.N1	02-AUG-2010 11:18:08	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	44036	No
67	GOM_NL__2PRFIN20100802_112009_000000362091_00395_44036_9602.N1	02-AUG-2010 11:20:09	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	44036	No
68	GOM_NL__2PRFIN20100802_112641_000000422091_00395_44036_9603.N1	02-AUG-2010 11:26:41	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	44036	No
69	GOM_NL__2PRFIN20100802_114130_000000502091_00395_44036_9604.N1	02-AUG-2010 11:41:30	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	44036	No
70	GOM_NL__2PRFIN20100802_114311_000000502091_00395_44036_9605.N1	02-AUG-2010 11:43:11	Bright	50.000	35	33Alp Per	1.7950	6250.0	100	44036	No
71	GOM_NL__2PRFIN20100802_114518_000000462091_00395_44036_9606.N1	02-AUG-2010 11:45:18	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	44036	No
72	GOM_NL__2PRFIN20100802_114745_000000532091_00395_44036_9607.N1	02-AUG-2010 11:47:45	Bright	53.000	107	37The Aur	2.6490	11000.	106	44036	No
73	GOM_NL__2PRFIN20100802_115035_000000562091_00395_44036_9608.N1	02-AUG-2010 11:50:35	Bright	56.000	28	12Bet Tau	1.6500	15200.	112	44036	No
74	GOM_NL__2PRFIN20100802_115240_000000412091_00395_44036_9609.N1	02-AUG-2010 11:52:40	Tw_i_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	44036	No
75	GOM_NL__2PRFIN20100802_115513_000000562091_00395_44036_9610.N1	02-AUG-2010 11:55:13	Dark	55.500	13	87Alp Tau	0.86700	3800.0	111	44036	No
76	GOM_NL__2PRFIN20100802_115713_000000452091_00395_44036_9611.N1	02-AUG-2010 11:57:13	Dark	45.000	27	24Gam Ori	1.6360	26000.	90	44036	No
77	GOM_NL__2PRFIN20100802_115908_000000452091_00395_44036_9612.N1	02-AUG-2010 11:59:08	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	44036	No
78	GOM_NL__2PRFIN20100802_120138_000000492091_00395_44036_9613.N1	02-AUG-2010 12:01:38	Dark	49.000	7	19Bet Ori	0.10000	14000.	98	44036	No
79	GOM_NL__2PRFIN20100802_120621_000000562091_00395_44036_9614.N1	02-AUG-2010 12:06:21	Dark	56.000	165	34Gam Eri	2.9500	3200.0	112	44036	No
80	GOM_NL__2PRFIN20100802_121546_000000472091_00395_44036_9615.N1	02-AUG-2010 12:15:46	Dark	46.500	157	The1Eri	2.9060	9300.0	93	44036	No
81	GOM_NL__2PRFIN20100802_122112_000000442091_00396_44037_9634.N1	02-AUG-2010 12:21:12	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44037	No
82	GOM_NL__2PRFIN20100802_122605_000000562091_00396_44037_9635.N1	02-AUG-2010 12:26:05	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	44037	No
83	GOM_NL__2PRFIN20100802_123122_000000442091_00396_44037_9636.N1	02-AUG-2010 12:31:22	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	44037	No
84	GOM_NL__2PRFIN20100802_123429_000000452091_00396_44037_9637.N1	02-AUG-2010 12:34:29	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	44037	No
85	GOM_NL__2PRFIN20100802_125011_000000372091_00396_44037_9638.N1	02-AUG-2010 12:50:11	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	44037	No
86	GOM_NL__2PRFIN20100802_125844_000000422091_00396_44037_9639.N1	02-AUG-2010 12:58:44	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	44037	No
87	GOM_NL__2PRFIN20100802_130044_000000392091_00396_44037_9640.N1	02-AUG-2010 13:00:44	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	44037	No
88	GOM_NL__2PRFIN20100802_130717_000000412091_00396_44037_9641.N1	02-AUG-2010 13:07:17	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	44037	No
89	GOM_NL__2PRFIN20100802_132206_000000492091_00396_44037_9642.N1	02-AUG-2010 13:22:06	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	44037	No
90	GOM_NL__2PRFIN20100802_132346_000000522091_00396_44037_9643.N1	02-AUG-2010 13:23:46	Bright	51.500	35	33Alp Per	1.7950	6250.0	103	44037	No
91	GOM_NL__2PRFIN20100802_132554_000000442091_00396_44037_9644.N1	02-AUG-2010 13:25:54	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	44037	No
92	GOM_NL__2PRFIN20100802_132822_000000352091_00396_44037_9645.N1	02-AUG-2010 13:28:22	Bright	34.500	107	37The Aur	2.6490	11000.	69	44037	No
93	GOM_NL__2PRFIN20100802_133111_000000462091_00396_44037_9646.N1	02-AUG-2010 13:31:11	Bright	46.000	28	12Bet Tau	1.6500	15200.	92	44037	No
94	GOM_NL__2PRFIN20100802_133316_000000422091_00396_44037_9647.N1	02-AUG-2010 13:33:16	Tw_i_and_stray	41.500	176	23Zet Tau	3.0200	22000.	83	44037	No
95	GOM_NL__2PRFIN20100802_133550_000000642091_00396_44037_9648.N1	02-AUG-2010 13:35:50	Dark	64.000	13	87Alp Tau	0.86700	3800.0	128	44037	No
96	GOM_NL__2PRFIN20100802_133749_000000472091_00396_44037_9649.N1	02-AUG-2010 13:37:49	Dark	47.000	27	24Gam Ori	1.6360	26000.	94	44037	No
97	GOM_NL__2PRFIN20100802_133944_000000442091_00396_44037_9650.N1	02-AUG-2010 13:39:44	Dark	43.500	30	46Eps Ori	1.6940	30000.	87	44037	No
98	GOM_NL__2PRFIN20100802_134214_000000502091_00396_44037_9651.N1	02-AUG-2010 13:42:14	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	44037	No
99	GOM_NL__2PRFIN20100802_134658_000000542091_00396_44037_9652.N1	02-AUG-2010 13:46:58	Dark	53.500	165	34Gam Eri	2.9500	3200.0	107	44037	No
100	GOM_NL__2PRFIN20100802_135623_000000452091_00396_44037_9653.N1	02-AUG-2010 13:56:23	Dark	45.000	157	The1Eri	2.9060	9300.0	90	44037	No
101	GOM_NL__2PRFIN20100802_140149_000000452091_00397_44038_9684.N1	02-AUG-2010 14:01:49	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44038	No

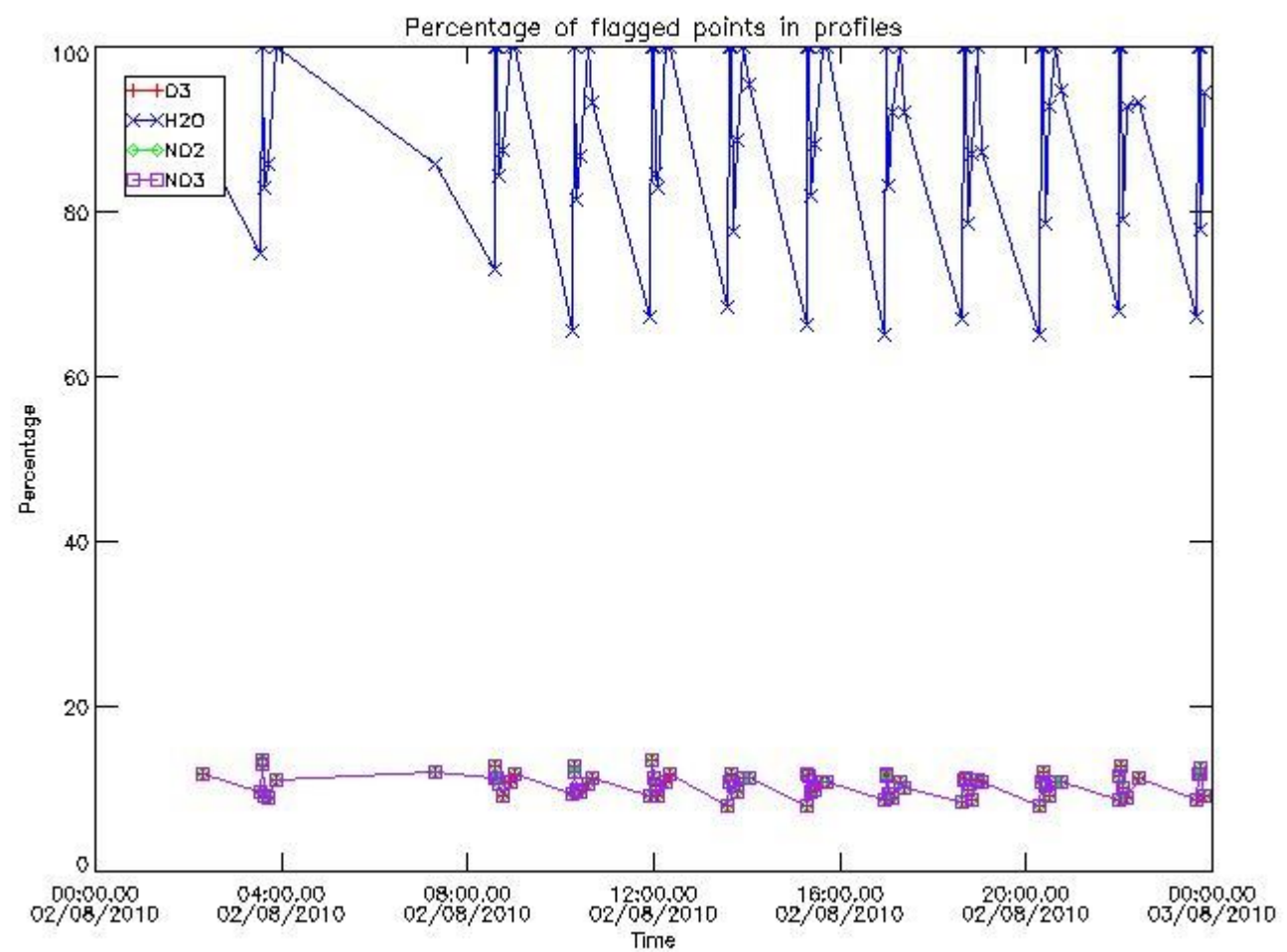
102	GOM_NL__2PRFIN20100802_140641_000000582091_00397_44038_9685.N1	02-AUG-2010 14:06:41	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	44038	No
103	GOM_NL__2PRFIN20100802_141158_000000492091_00397_44038_9686.N1	02-AUG-2010 14:11:58	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	44038	No
104	GOM_NL__2PRFIN20100802_141506_000000462091_00397_44038_9687.N1	02-AUG-2010 14:15:06	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	44038	No
105	GOM_NL__2PRFIN20100802_143048_000000372091_00397_44038_9688.N1	02-AUG-2010 14:30:48	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	44038	No
106	GOM_NL__2PRFIN20100802_143919_000000412091_00397_44038_9689.N1	02-AUG-2010 14:39:19	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	44038	No
107	GOM_NL__2PRFIN20100802_144120_000000372091_00397_44038_9690.N1	02-AUG-2010 14:41:20	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	44038	No
108	GOM_NL__2PRFIN20100802_144752_000000412091_00397_44038_9691.N1	02-AUG-2010 14:47:52	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	44038	No
109	GOM_NL__2PRFIN20100802_150241_000000532091_00397_44038_9692.N1	02-AUG-2010 15:02:41	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	44038	No
110	GOM_NL__2PRFIN20100802_150422_000000532091_00397_44038_9693.N1	02-AUG-2010 15:04:22	Bright	52.500	35	33Alp Per	1.7950	6250.0	105	44038	No
111	GOM_NL__2PRFIN20100802_150630_000000562091_00397_44038_9694.N1	02-AUG-2010 15:06:30	Bright	56.000	6	13Alp Aur	0.080000	3400.0	112	44038	No
112	GOM_NL__2PRFIN20100802_150858_000000362091_00397_44038_9695.N1	02-AUG-2010 15:08:58	Bright	36.000	107	37The Aur	2.6490	11000.	72	44038	No
113	GOM_NL__2PRFIN20100802_151147_000000452091_00397_44038_9696.N1	02-AUG-2010 15:11:47	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	44038	No
114	GOM_NL__2PRFIN20100802_151353_000000432091_00397_44038_9697.N1	02-AUG-2010 15:13:53	Tw_i_and_stray	42.500	176	23Zet Tau	3.0200	22000.	85	44038	No
115	GOM_NL__2PRFIN20100802_151626_000000642091_00397_44038_9698.N1	02-AUG-2010 15:16:26	Dark	64.000	13	87Alp Tau	0.86700	3800.0	128	44038	No
116	GOM_NL__2PRFIN20100802_151825_000000442091_00397_44038_9699.N1	02-AUG-2010 15:18:25	Dark	43.500	27	24Gam Ori	1.6360	26000.	87	44038	No
117	GOM_NL__2PRFIN20100802_152020_000000442091_00397_44038_9700.N1	02-AUG-2010 15:20:20	Dark	44.000	30	46Eps Ori	1.6940	30000.	88	44038	No
118	GOM_NL__2PRFIN20100802_152251_000000532091_00397_44038_9701.N1	02-AUG-2010 15:22:51	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	44038	No
119	GOM_NL__2PRFIN20100802_152735_000000512091_00397_44038_9702.N1	02-AUG-2010 15:27:35	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	44038	No
120	GOM_NL__2PRFIN20100802_153700_000000472091_00397_44038_9703.N1	02-AUG-2010 15:37:00	Dark	47.000	157	The1Eri	2.9060	9300.0	94	44038	No
121	GOM_NL__2PRFIN20100802_154225_000000472091_00398_44039_9701.N1	02-AUG-2010 15:42:25	Dark	47.000	9	Alp Eri	0.45300	24000.	94	44039	No
122	GOM_NL__2PRFIN20100802_154719_000000552091_00398_44039_9702.N1	02-AUG-2010 15:47:19	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	44039	No
123	GOM_NL__2PRFIN20100802_155235_000000442091_00398_44039_9703.N1	02-AUG-2010 15:52:35	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	44039	No
124	GOM_NL__2PRFIN20100802_155542_000000442091_00398_44039_9704.N1	02-AUG-2010 15:55:42	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	44039	No
125	GOM_NL__2PRFIN20100802_161123_000000372091_00398_44039_9705.N1	02-AUG-2010 16:11:23	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	44039	No
126	GOM_NL__2PRFIN20100802_161955_000000462091_00398_44039_9706.N1	02-AUG-2010 16:19:55	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	44039	No
127	GOM_NL__2PRFIN20100802_162156_000000382091_00398_44039_9707.N1	02-AUG-2010 16:21:56	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	44039	No
128	GOM_NL__2PRFIN20100802_162828_000000432091_00398_44039_9708.N1	02-AUG-2010 16:28:28	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	44039	No
129	GOM_NL__2PRFIN20100802_164317_000000482091_00398_44039_9709.N1	02-AUG-2010 16:43:17	Bright	47.500	160	23Gam Per	2.9300	4700.0	95	44039	No
130	GOM_NL__2PRFIN20100802_164458_000000502091_00398_44039_9710.N1	02-AUG-2010 16:44:58	Bright	50.000	35	33Alp Per	1.7950	6250.0	100	44039	No
131	GOM_NL__2PRFIN20100802_164706_000000562091_00398_44039_9711.N1	02-AUG-2010 16:47:06	Bright	56.000	6	13Alp Aur	0.080000	3400.0	112	44039	No
132	GOM_NL__2PRFIN20100802_164934_000000532091_00398_44039_9712.N1	02-AUG-2010 16:49:34	Bright	53.000	107	37The Aur	2.6490	11000.	106	44039	No
133	GOM_NL__2PRFIN20100802_165223_000000472091_00398_44039_9713.N1	02-AUG-2010 16:52:23	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	44039	No
134	GOM_NL__2PRFIN20100802_165429_000000412091_00398_44039_9714.N1	02-AUG-2010 16:54:29	Tw_i_and_stray	41.000	176	23Zet Tau	3.0200	22000.	82	44039	No
135	GOM_NL__2PRFIN20100802_165702_000000592091_00398_44039_9715.N1	02-AUG-2010 16:57:02	Dark	59.000	13	87Alp Tau	0.86700	3800.0	118	44039	No
136	GOM_NL__2PRFIN20100802_165902_000000452091_00398_44039_9716.N1	02-AUG-2010 16:59:02	Dark	44.500	27	24Gam Ori	1.6360	26000.	89	44039	No
137	GOM_NL__2PRFIN20100802_170057_000000442091_00398_44039_9717.N1	02-AUG-2010 17:00:57	Dark	43.500	30	46Eps Ori	1.6940	30000.	87	44039	No
138	GOM_NL__2PRFIN20100802_170327_000000542091_00398_44039_9718.N1	02-AUG-2010 17:03:27	Dark	54.000	7	19Bet Ori	0.10000	14000.	108	44039	No
139	GOM_NL__2PRFIN20100802_170812_000000582091_00398_44039_9719.N1	02-AUG-2010 17:08:12	Dark	57.500	165	34Gam Eri	2.9500	3200.0	115	44039	No
140	GOM_NL__2PRFIN20100802_171737_000000472091_00398_44039_9720.N1	02-AUG-2010 17:17:37	Dark	47.000	157	The1Eri	2.9060	9300.0	94	44039	No
141	GOM_NL__2PRFIN20100802_172302_000000512091_00399_44040_9725.N1	02-AUG-2010 17:23:02	Dark	50.500	9	Alp Eri	0.45300	24000.	101	44040	No
142	GOM_NL__2PRFIN20100802_172756_000000562091_00399_44040_9726.N1	02-AUG-2010 17:27:56	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	44040	No
143	GOM_NL__2PRFIN20100802_173311_000000432091_00399_44040_9727.N1	02-AUG-2010 17:33:11	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	44040	No
144	GOM_NL__2PRFIN20100802_173619_000000482091_00399_44040_9728.N1	02-AUG-2010 17:36:19	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	44040	No
145	GOM_NL__2PRFIN20100802_175159_000000372091_00399_44040_9729.N1	02-AUG-2010 17:51:59	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	44040	No
146	GOM_NL__2PRFIN20100802_180030_000000462091_00399_44040_9730.N1	02-AUG-2010 18:00:30	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	44040	No
147	GOM_NL__2PRFIN20100802_180231_000000372091_00399_44040_9731.N1	02-AUG-2010 18:02:31	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	44040	No
148	GOM_NL__2PRFIN20100802_180903_000000432091_00399_44040_9732.N1	02-AUG-2010 18:09:03	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	44040	No
149	GOM_NL__2PRFIN20100802_182352_000000482091_00399_44040_9733.N1	02-AUG-2010 18:23:52	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	44040	No
150	GOM_NL__2PRFIN20100802_182534_000000512091_00399_44040_9734.N1	02-AUG-2010 18:25:34	Bright	50.500	35	33Alp Per	1.7950	6250.0	101	44040	No
151	GOM_NL__2PRFIN20100802_182742_000000432091_00399_44040_9735.N1	02-AUG-2010 18:27:42	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	44040	No
152	GOM_NL__2PRFIN20100802_183010_000000402091_00399_44040_9736.N1	02-AUG-2010 18:30:10	Bright	39.500	107	37The Aur	2.6490	11000.	79	44040	No
153	GOM_NL__2PRFIN20100802_183259_000000562091_00399_44040_9737.N1	02-AUG-2010 18:32:59	Bright	56.000	28	12Bet Tau	1.6500	15200.	112	44040	No
154	GOM_NL__2PRFIN20100802_183505_000000422091_00399_44040_9738.N1	02-AUG-2010 18:35:05	Tw_i_and_stray	41.500	176	23Zet Tau	3.0200	22000.	83	44040	No
155	GOM_NL__2PRFIN20100802_183739_000000612091_00399_44040_9739.N1	02-AUG-2010 18:37:39	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	44040	No
156	GOM_NL__2PRFIN20100802_183938_000000462091_00399_44040_9740.N1	02-AUG-2010 18:39:38	Dark	46.000	27	24Gam Ori	1.6360	26000.	92	44040	No
157	GOM_NL__2PRFIN20100802_184133_000000452091_00399_44040_9741.N1	02-AUG-2010 18:41:33	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	44040	No
158	GOM_NL__2PRFIN20100802_184404_000000522091_00399_44040_9742.N1	02-AUG-2010 18:44:04	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	44040	No
159	GOM_NL__2PRFIN20100802_184849_000000582091_00399_44040_9743.N1	02-AUG-2010 18:48:49	Dark	58.000	165	34Gam Eri	2.9500	3200.0	116	44040	No
160	GOM_NL__2PRFIN20100802_185814_000000462091_00399_44040_9744.N1	02-AUG-2010 18:58:14	Dark	45.500	157	The1Eri	2.9060	9300.0	91	44040	No

161	GOM_NL__2PRFIN20100802_190339_000000472091_00400_44041_9751.N1	02-AUG-2010 19:03:39	Dark	47.000	9	Alp Eri	0.45300	24000.	94	44041	No
162	GOM_NL__2PRFIN20100802_190833_000000552091_00400_44041_9752.N1	02-AUG-2010 19:08:33	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	44041	No
163	GOM_NL__2PRFIN20100802_191348_000000412091_00400_44041_9753.N1	02-AUG-2010 19:13:48	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	44041	No
164	GOM_NL__2PRFIN20100802_191655_000000452091_00400_44041_9754.N1	02-AUG-2010 19:16:55	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	44041	No
165	GOM_NL__2PRFIN20100802_193235_000000402091_00400_44041_9755.N1	02-AUG-2010 19:32:35	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	44041	No
166	GOM_NL__2PRFIN20100802_194105_000000442091_00400_44041_9756.N1	02-AUG-2010 19:41:05	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	44041	No
167	GOM_NL__2PRFIN20100802_194307_000000372091_00400_44041_9757.N1	02-AUG-2010 19:43:07	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	44041	No
168	GOM_NL__2PRFIN20100802_194939_000000422091_00400_44041_9758.N1	02-AUG-2010 19:49:39	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	44041	No
169	GOM_NL__2PRFIN20100802_200428_000000542091_00400_44041_9759.N1	02-AUG-2010 20:04:28	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	44041	No
170	GOM_NL__2PRFIN20100802_200609_000000522091_00400_44041_9760.N1	02-AUG-2010 20:06:09	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	44041	No
171	GOM_NL__2PRFIN20100802_200818_000000442091_00400_44041_9761.N1	02-AUG-2010 20:08:18	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	44041	No
172	GOM_NL__2PRFIN20100802_201046_000000472091_00400_44041_9762.N1	02-AUG-2010 20:10:46	Bright	46.500	107	37The Aur	2.6490	11000.	93	44041	No
173	GOM_NL__2PRFIN20100802_201335_000000492091_00400_44041_9763.N1	02-AUG-2010 20:13:35	Bright	48.500	28	12Bet Tau	1.6500	15200.	97	44041	No
174	GOM_NL__2PRFIN20100802_201541_000000422091_00400_44041_9764.N1	02-AUG-2010 20:15:41	Tw_i_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	44041	No
175	GOM_NL__2PRFIN20100802_201815_000000652091_00400_44041_9765.N1	02-AUG-2010 20:18:15	Dark	65.000	13	87Alp Tau	0.86700	3800.0	130	44041	No
176	GOM_NL__2PRFIN20100802_202014_000000472091_00400_44041_9766.N1	02-AUG-2010 20:20:14	Dark	46.500	27	24Gam Ori	1.6360	26000.	93	44041	No
177	GOM_NL__2PRFIN20100802_202209_000000422091_00400_44041_9767.N1	02-AUG-2010 20:22:09	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	44041	No
178	GOM_NL__2PRFIN20100802_202440_000000502091_00400_44041_9768.N1	02-AUG-2010 20:24:40	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	44041	No
179	GOM_NL__2PRFIN20100802_202926_000000552091_00400_44041_9769.N1	02-AUG-2010 20:29:26	Dark	55.000	165	34Gam Eri	2.9500	3200.0	110	44041	No
180	GOM_NL__2PRFIN20100802_203851_000000472091_00400_44041_9770.N1	02-AUG-2010 20:38:51	Dark	46.500	157	The1Eri	2.9060	9300.0	93	44041	No
181	GOM_NL__2PRFIN20100802_204415_000000472091_00401_44042_9782.N1	02-AUG-2010 20:44:15	Dark	47.000	9	Alp Eri	0.45300	24000.	94	44042	No
182	GOM_NL__2PRFIN20100802_204910_000000562091_00401_44042_9783.N1	02-AUG-2010 20:49:10	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	44042	No
183	GOM_NL__2PRFIN20100802_205424_000000432091_00401_44042_9784.N1	02-AUG-2010 20:54:24	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	44042	No
184	GOM_NL__2PRFIN20100802_205731_000000452091_00401_44042_9785.N1	02-AUG-2010 20:57:31	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	44042	No
185	GOM_NL__2PRFIN20100802_211311_000000392091_00401_44042_9786.N1	02-AUG-2010 21:13:11	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	44042	No
186	GOM_NL__2PRFIN20100802_212141_000000412091_00401_44042_9787.N1	02-AUG-2010 21:21:41	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	44042	No
187	GOM_NL__2PRFIN20100802_212343_000000382091_00401_44042_9788.N1	02-AUG-2010 21:23:43	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	44042	No
188	GOM_NL__2PRFIN20100802_213015_000000412091_00401_44042_9789.N1	02-AUG-2010 21:30:15	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	44042	No
189	GOM_NL__2PRFIN20100802_214504_000000462091_00401_44042_9790.N1	02-AUG-2010 21:45:04	Bright	45.500	160	23Gam Per	2.9300	4700.0	91	44042	No
190	GOM_NL__2PRFIN20100802_214645_000000512091_00401_44042_9791.N1	02-AUG-2010 21:46:45	Bright	51.000	35	33Alp Per	1.7950	6250.0	102	44042	No
191	GOM_NL__2PRFIN20100802_214854_000000432091_00401_44042_9792.N1	02-AUG-2010 21:48:54	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	44042	No
192	GOM_NL__2PRFIN20100802_215122_000000342091_00401_44042_9793.N1	02-AUG-2010 21:51:22	Bright	33.500	107	37The Aur	2.6490	11000.	67	44042	No
193	GOM_NL__2PRFIN20100802_215411_000000452091_00401_44042_9794.N1	02-AUG-2010 21:54:11	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	44042	No
194	GOM_NL__2PRFIN20100802_215617_000000442091_00401_44042_9795.N1	02-AUG-2010 21:56:17	Tw_i_and_stray	43.500	176	23Zet Tau	3.0200	22000.	87	44042	No
195	GOM_NL__2PRFIN20100802_215852_000000582091_00401_44042_9796.N1	02-AUG-2010 21:58:52	Dark	58.000	13	87Alp Tau	0.86700	3800.0	116	44042	No
196	GOM_NL__2PRFIN20100802_220050_000000452091_00401_44042_9797.N1	02-AUG-2010 22:00:50	Dark	44.500	27	24Gam Ori	1.6360	26000.	89	44042	No
197	GOM_NL__2PRFIN20100802_220246_000000402091_00401_44042_9798.N1	02-AUG-2010 22:02:46	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	44042	No
198	GOM_NL__2PRFIN20100802_220516_000000512091_00401_44042_9799.N1	02-AUG-2010 22:05:16	Dark	50.500	7	19Bet Ori	0.10000	14000.	101	44042	No
199	GOM_NL__2PRFIN20100802_221003_000000572091_00401_44042_9800.N1	02-AUG-2010 22:10:03	Dark	56.500	165	34Gam Eri	2.9500	3200.0	113	44042	No
200	GOM_NL__2PRFIN20100802_222452_000000452091_00402_44043_9808.N1	02-AUG-2010 22:24:52	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44043	No
201	GOM_NL__2PRFIN20100802_222947_000000532091_00402_44043_9809.N1	02-AUG-2010 22:29:47	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	44043	No
202	GOM_NL__2PRFIN20100802_223500_000000432091_00402_44043_9810.N1	02-AUG-2010 22:35:00	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	44043	No
203	GOM_NL__2PRFIN20100802_223808_000000432091_00402_44043_9811.N1	02-AUG-2010 22:38:08	Straylight	43.000	172	Gam Gru	3.0030	13100.	86	44043	No
204	GOM_NL__2PRFIN20100802_225347_000000382091_00402_44043_9812.N1	02-AUG-2010 22:53:47	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	44043	No
205	GOM_NL__2PRFIN20100802_230216_000000442091_00402_44043_9813.N1	02-AUG-2010 23:02:16	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	44043	No
206	GOM_NL__2PRFIN20100802_230419_000000392091_00402_44043_9814.N1	02-AUG-2010 23:04:19	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	44043	No
207	GOM_NL__2PRFIN20100802_231050_000000412091_00402_44043_9815.N1	02-AUG-2010 23:10:50	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	44043	No
208	GOM_NL__2PRFIN20100802_232539_000000492091_00402_44043_9816.N1	02-AUG-2010 23:25:39	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	44043	No
209	GOM_NL__2PRFIN20100802_232721_000000502091_00402_44043_9817.N1	02-AUG-2010 23:27:21	Bright	50.000	35	33Alp Per	1.7950	6250.0	100	44043	No
210	GOM_NL__2PRFIN20100802_232930_000000442091_00402_44043_9818.N1	02-AUG-2010 23:29:30	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	44043	No
211	GOM_NL__2PRFIN20100802_233158_000000362091_00402_44043_9819.N1	02-AUG-2010 23:31:58	Bright	35.500	107	37The Aur	2.6490	11000.	71	44043	No
212	GOM_NL__2PRFIN20100802_233447_000000472091_00402_44043_9820.N1	02-AUG-2010 23:34:47	Bright	46.500	28	12Bet Tau	1.6500	15200.	93	44043	No
213	GOM_NL__2PRFIN20100802_233653_000000432091_00402_44043_9821.N1	02-AUG-2010 23:36:53	Tw_i_and_stray	43.000	176	23Zet Tau	3.0200	22000.	86	44043	No
214	GOM_NL__2PRFIN20100802_233928_000000592091_00402_44043_9822.N1	02-AUG-2010 23:39:28	Dark	58.500	13	87Alp Tau	0.86700	3800.0	117	44043	No
215	GOM_NL__2PRFIN20100802_234127_000000442091_00402_44043_9823.N1	02-AUG-2010 23:41:27	Dark	43.500	27	24Gam Ori	1.6360	26000.	87	44043	No
216	GOM_NL__2PRFIN20100802_234322_000000442091_00402_44043_9824.N1	02-AUG-2010 23:43:22	Dark	43.500	30	46Eps Ori	1.6940	30000.	87	44043	No
217	GOM_NL__2PRFIN20100802_234553_000000412091_00402_44043_9825.N1	02-AUG-2010 23:45:53	Dark	40.500	7	19Bet Ori	0.10000	14000.	81	44043	No
218	GOM_NL__2PRFIN20100802_235040_000000552091_00402_44043_9826.N1	02-AUG-2010 23:50:40	Dark	55.000	165	34Gam Eri	2.9500	3200.0	110	44043	No

3. Quality information per product

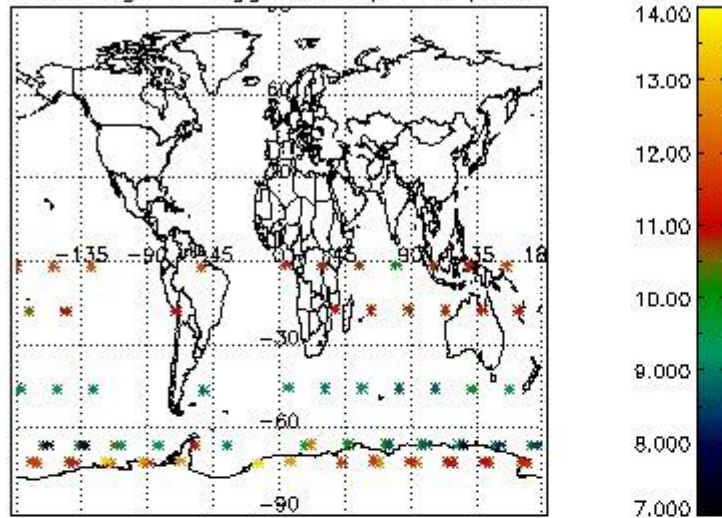
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

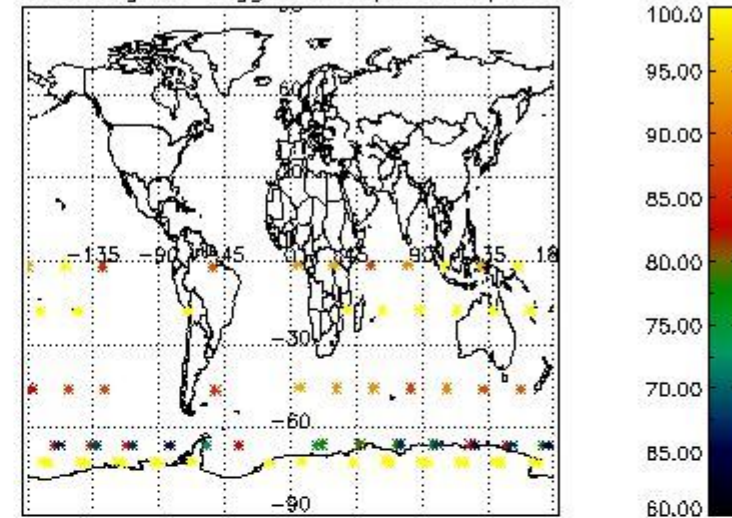


3.2 Plot quality information per product (world map)

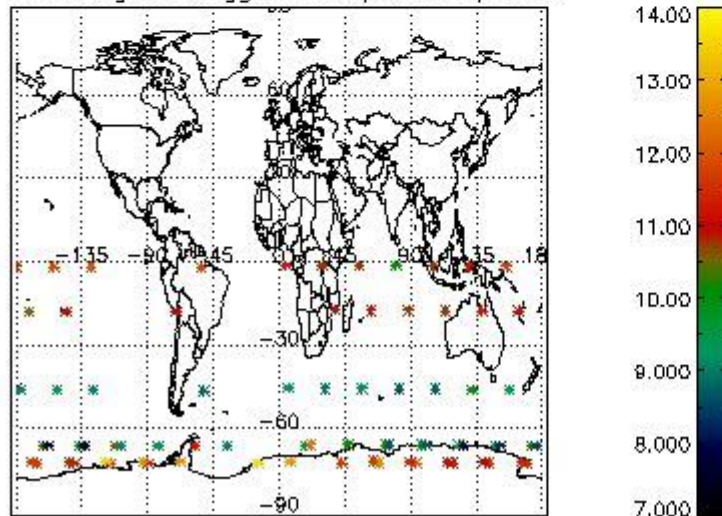
Percentage of flagged data per O3 profile



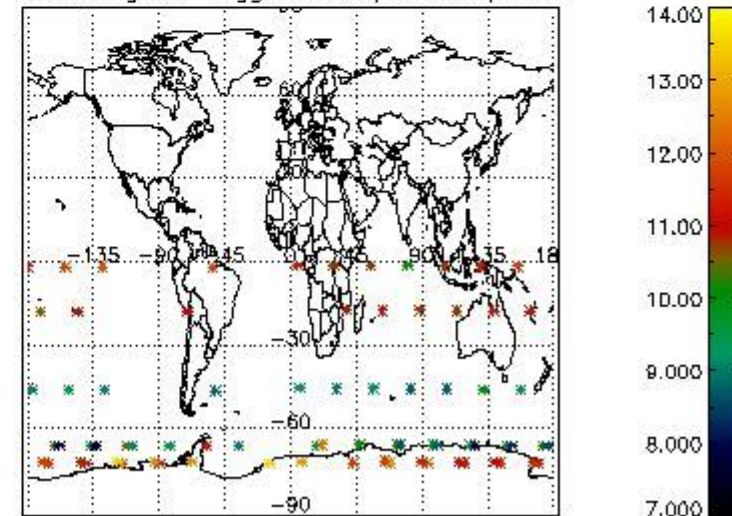
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

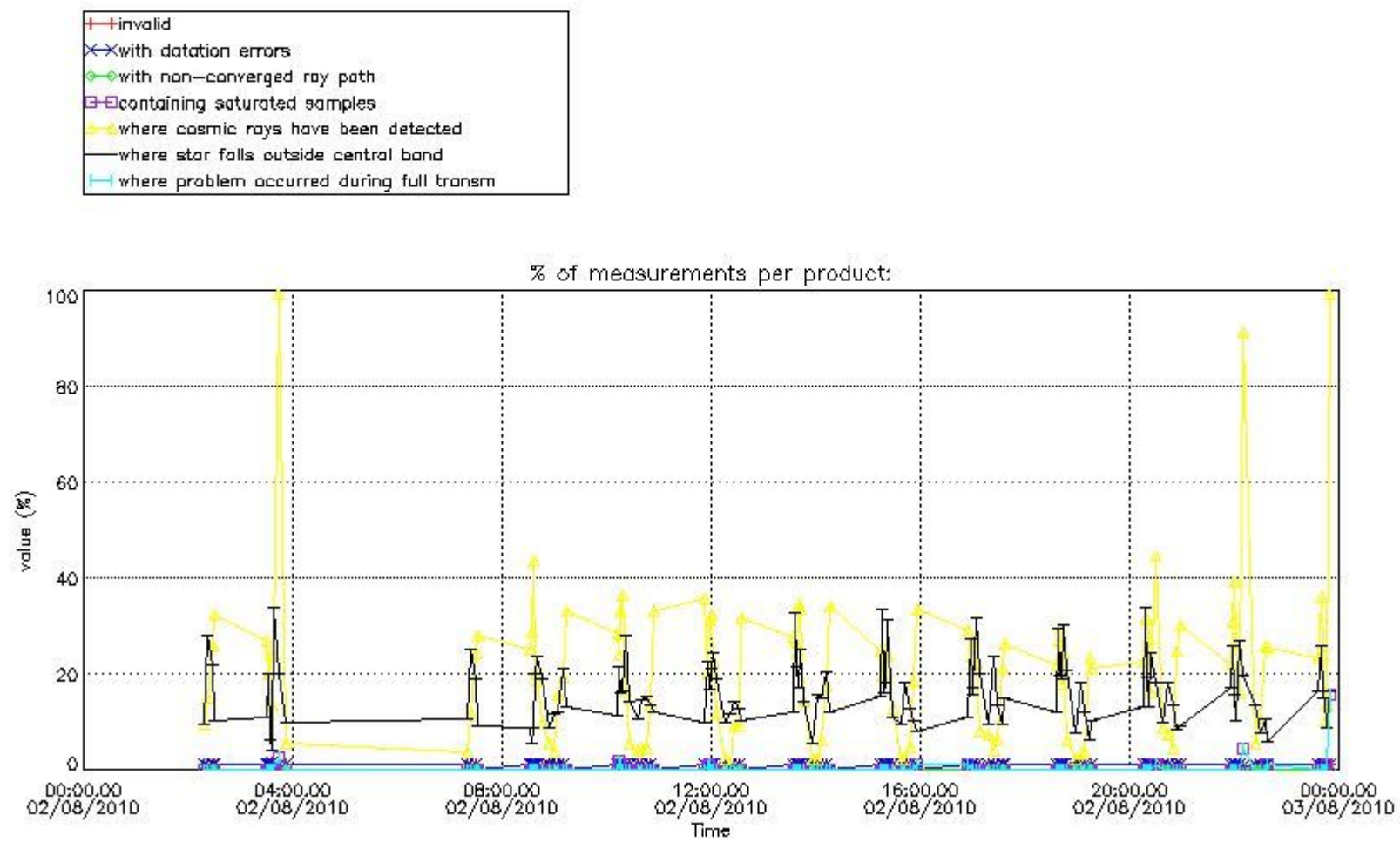


4. Level 1 quality information per product

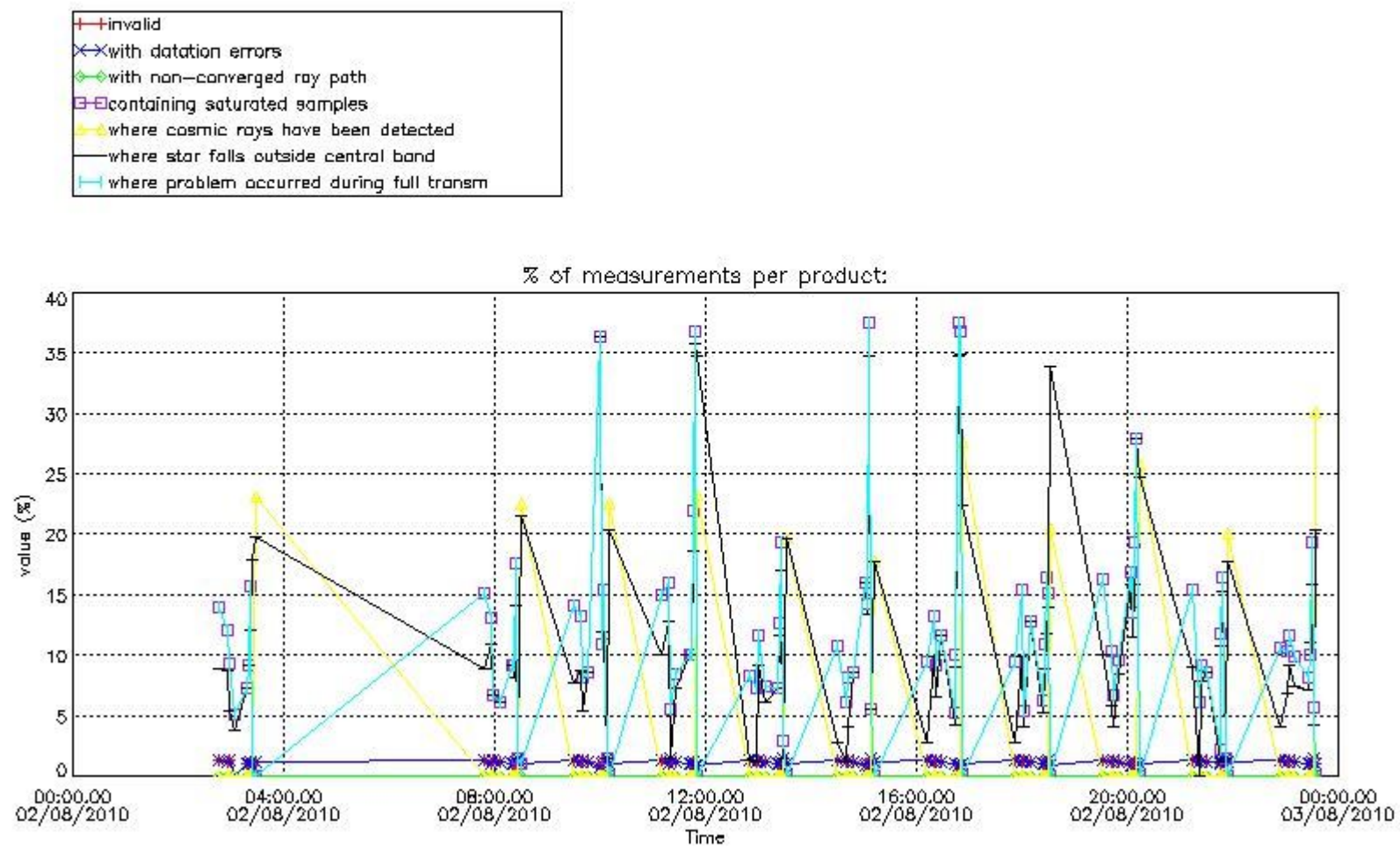
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



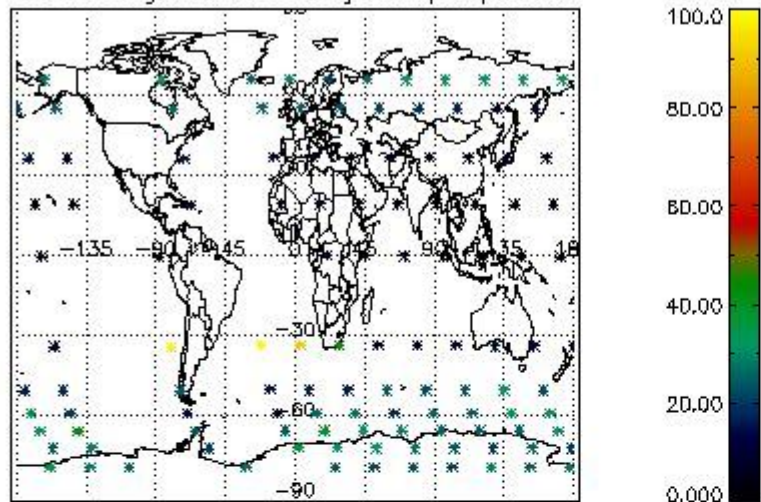
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



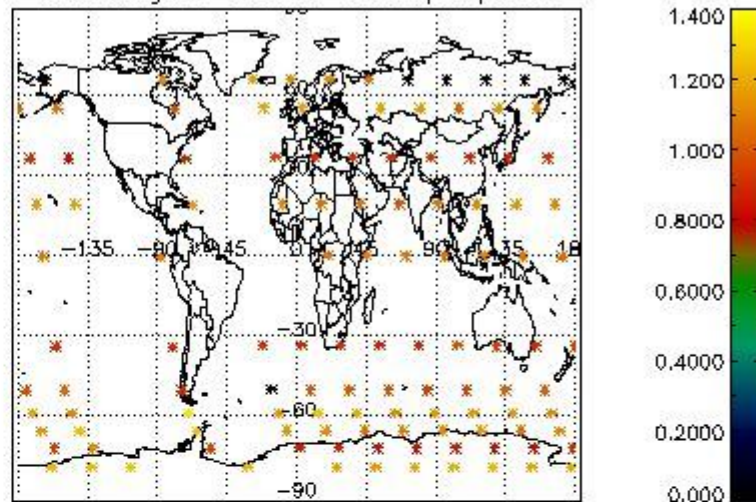
4.2 Plot quality information per product coming from level 1b processing (world map)

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

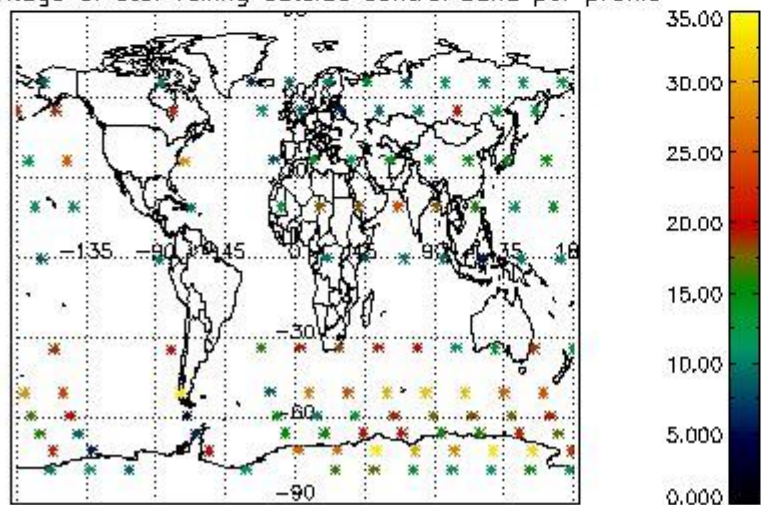
Percentage of cosmic ray hits per profile



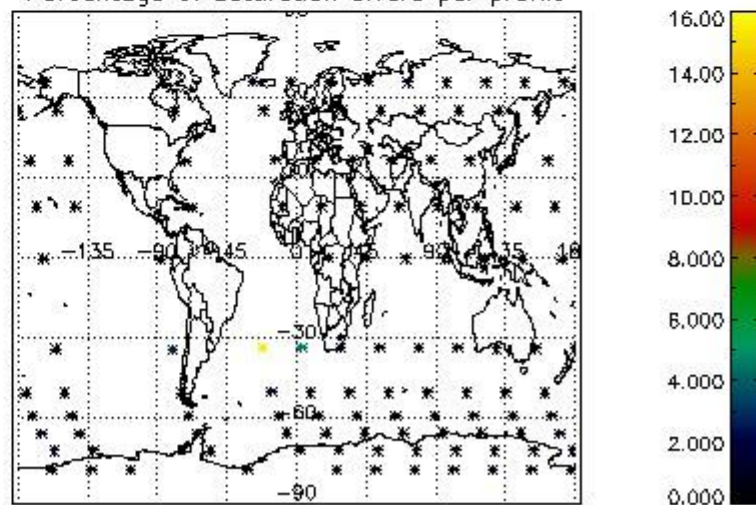
Percentage of datation errors per profile



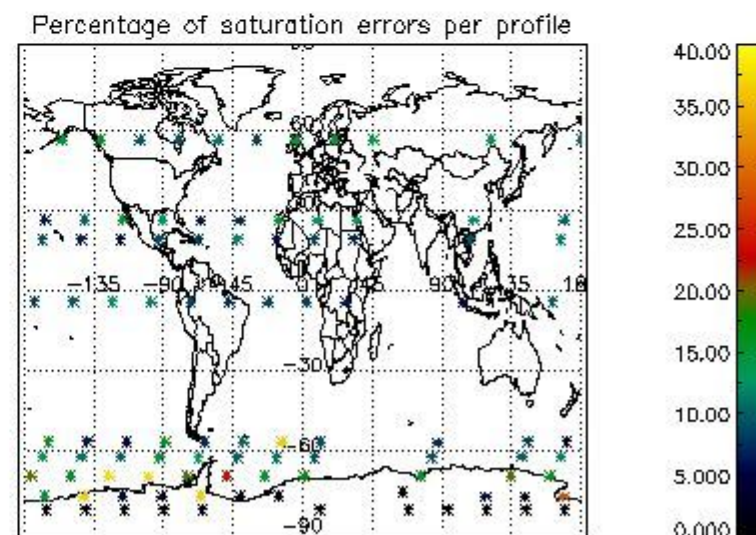
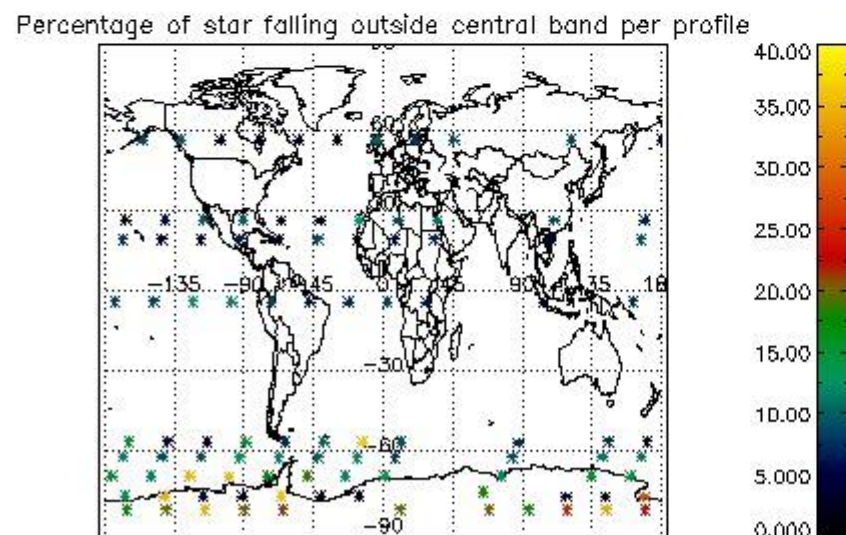
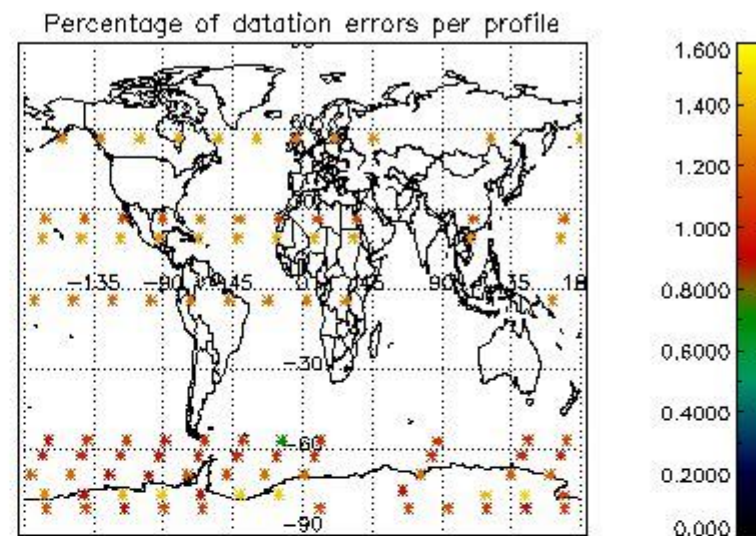
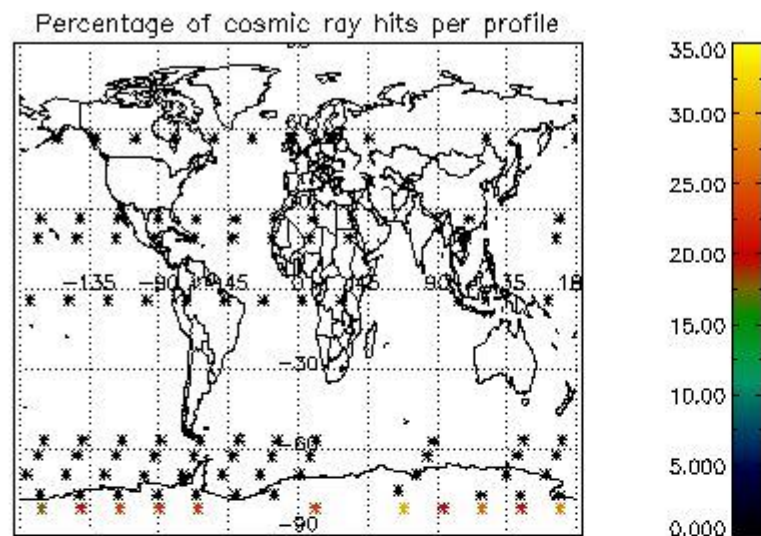
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

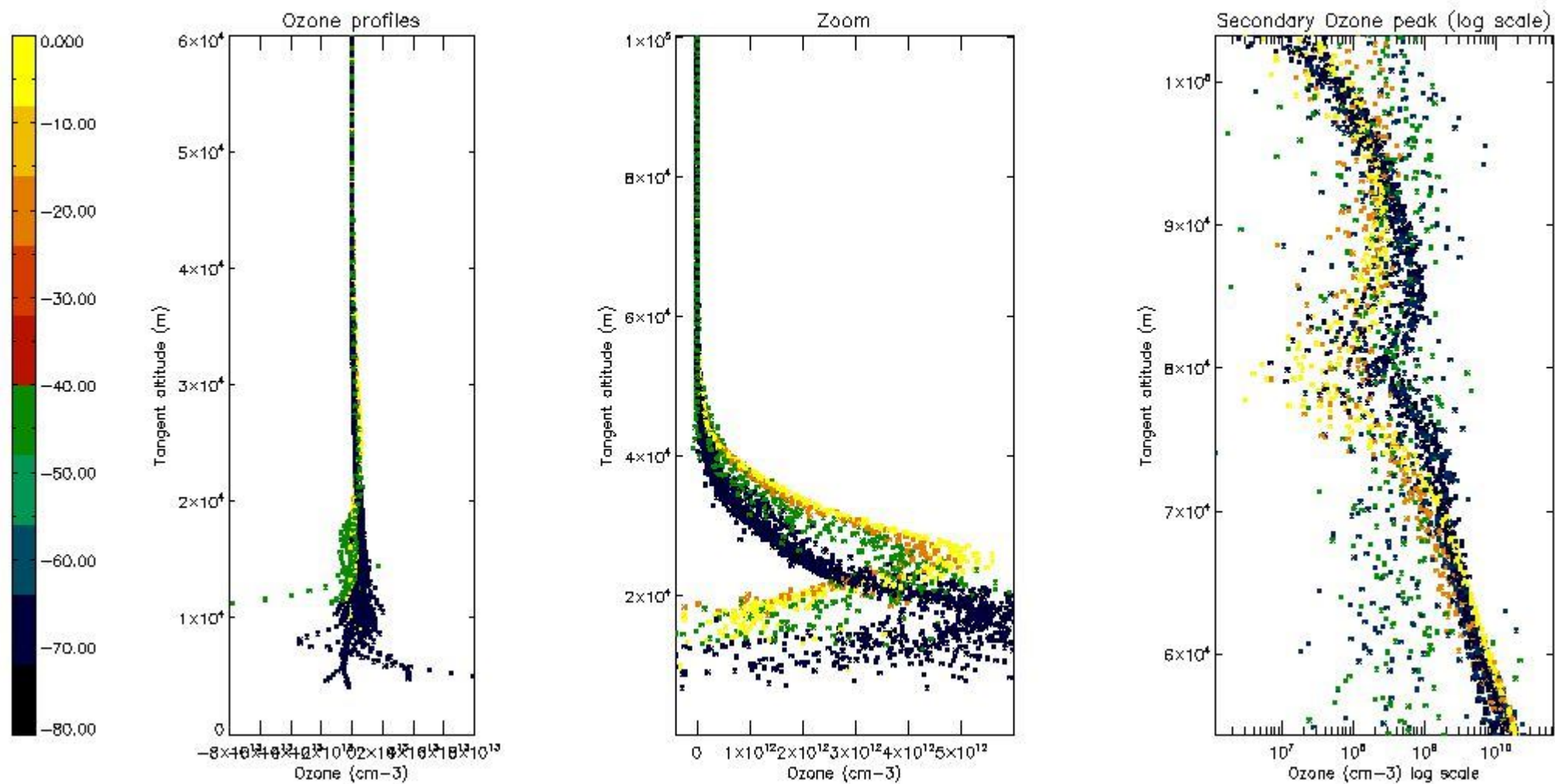
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	20

STD < 10	16
STD < 5	12

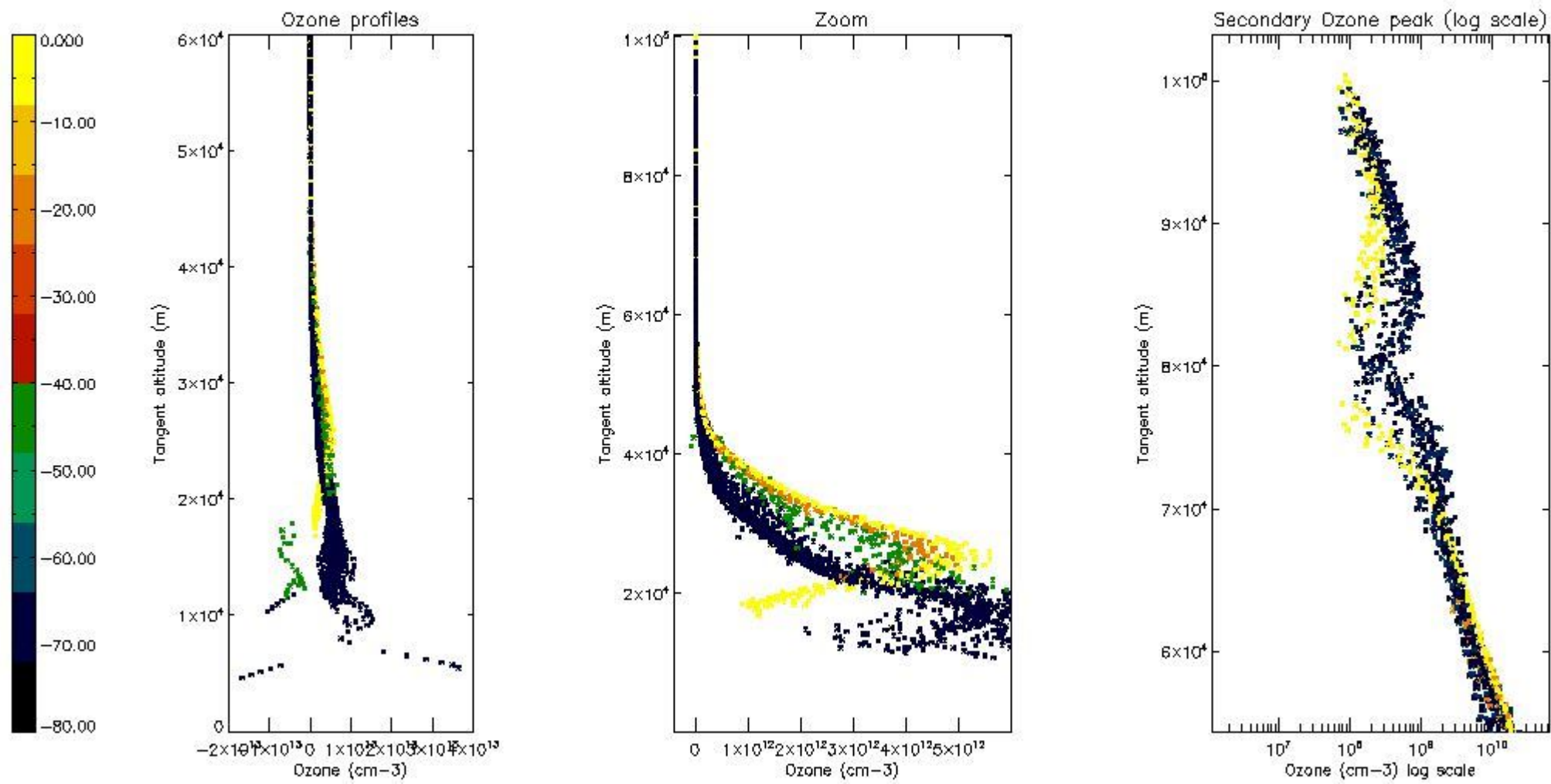
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



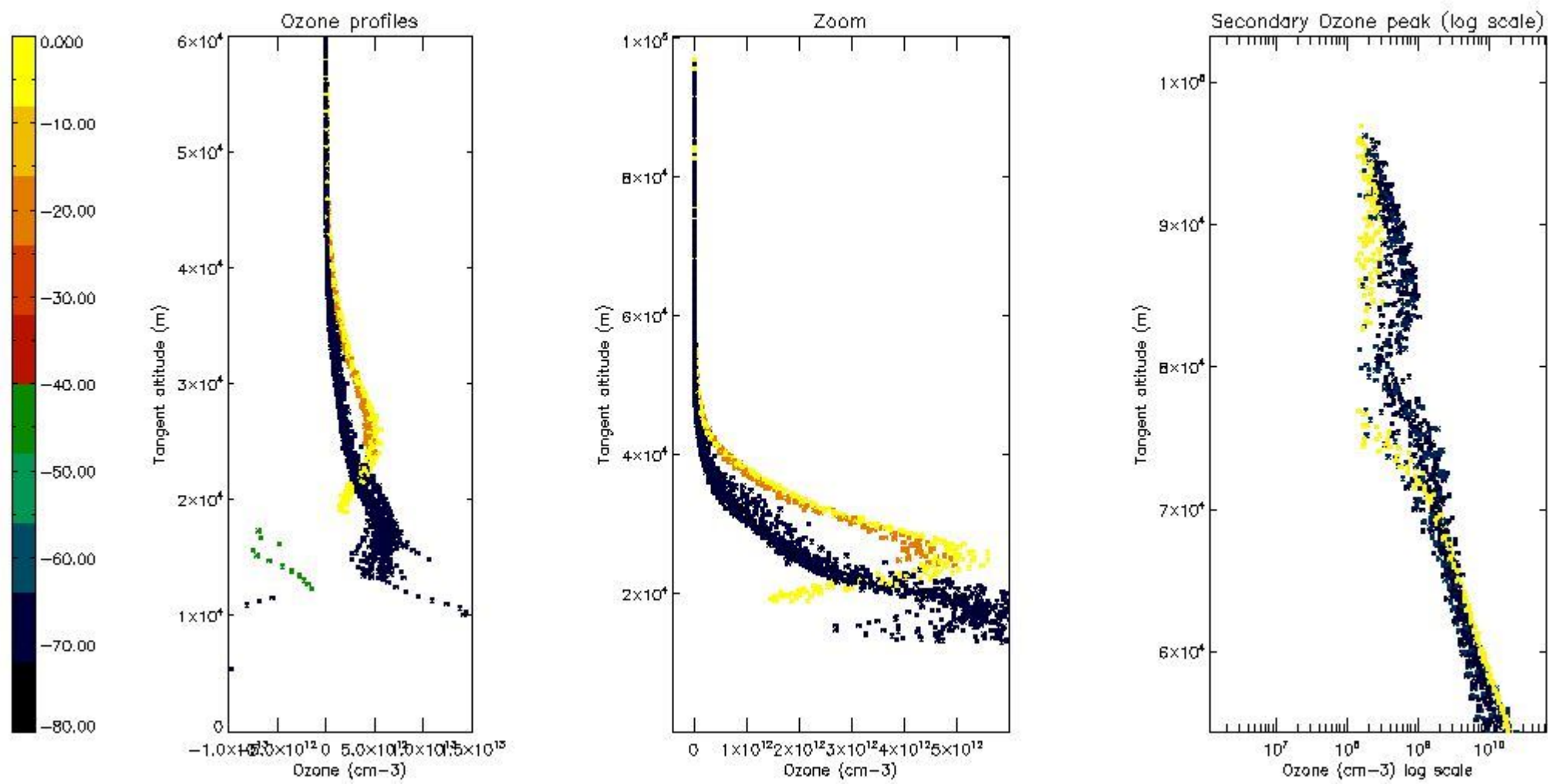
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



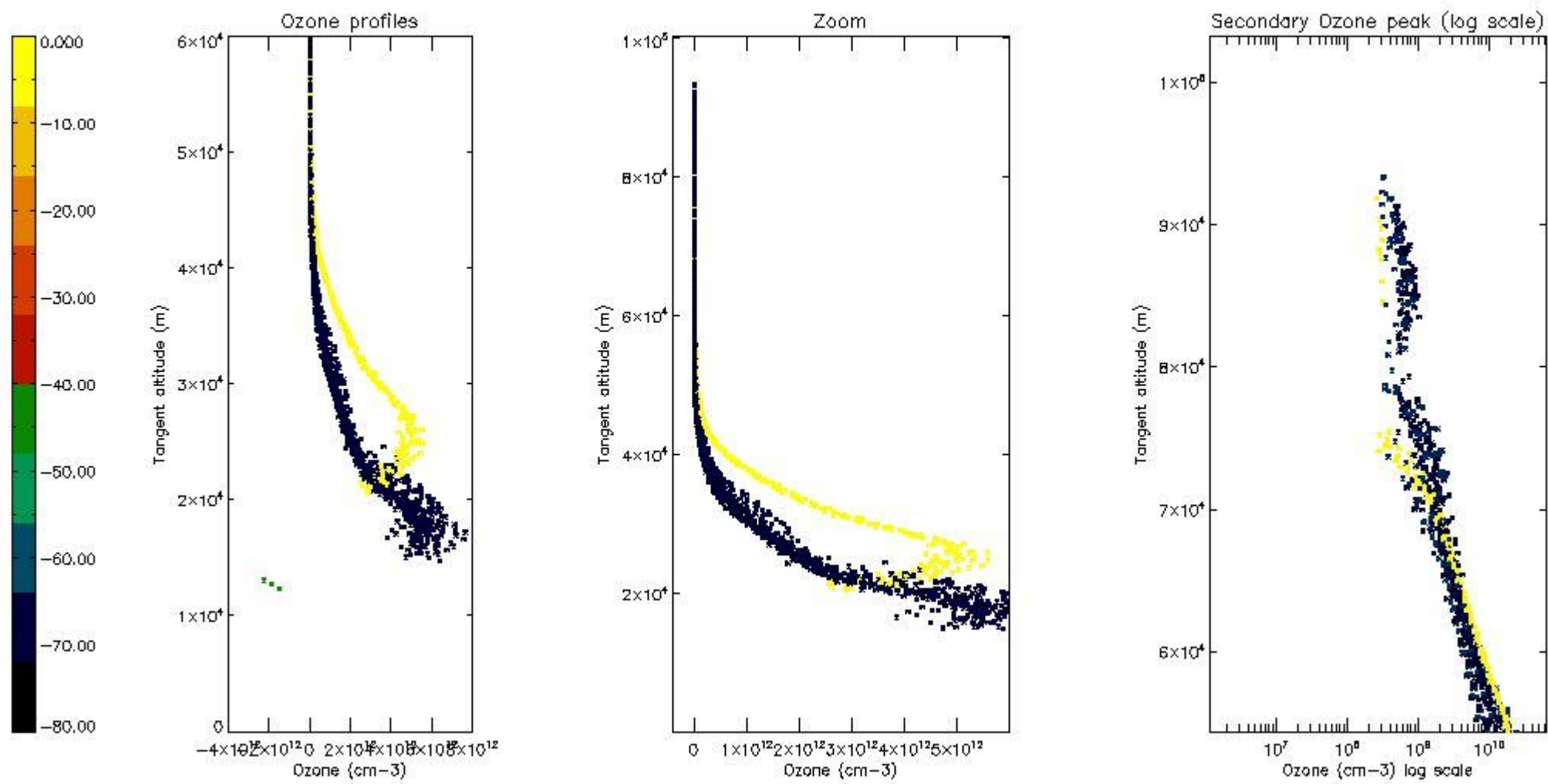
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



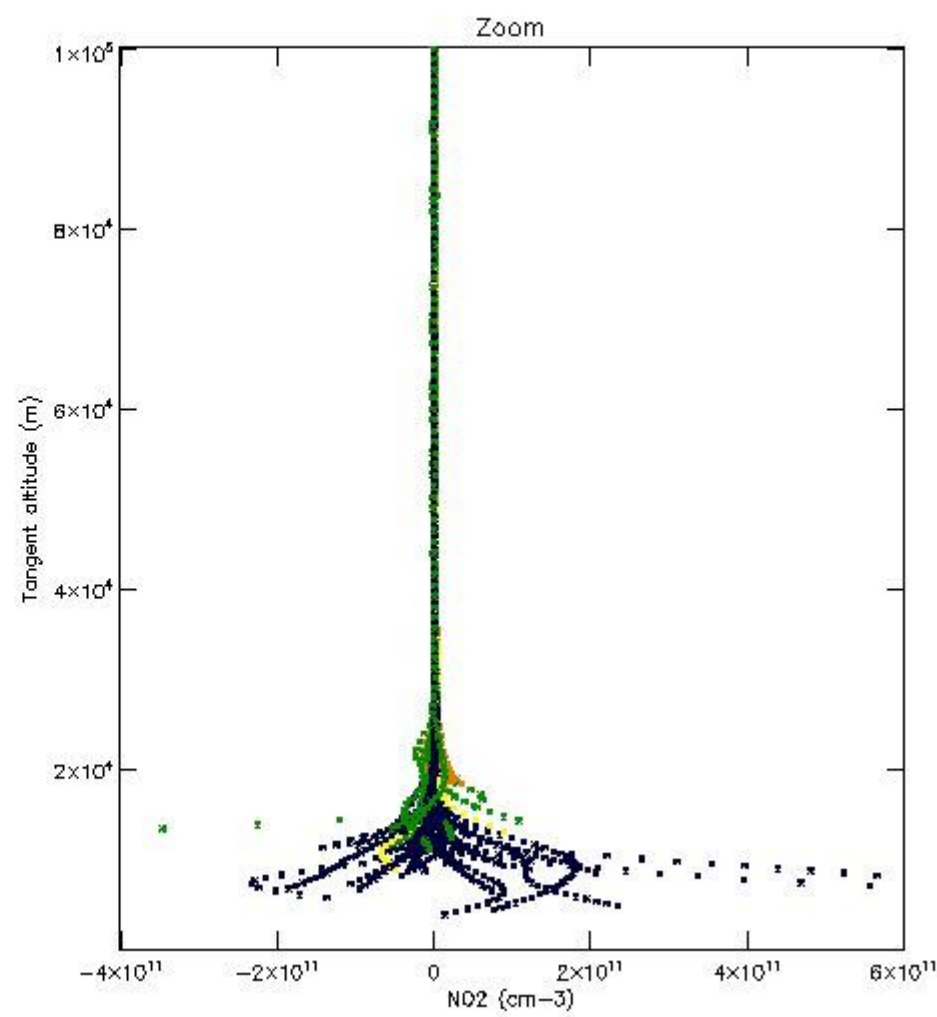
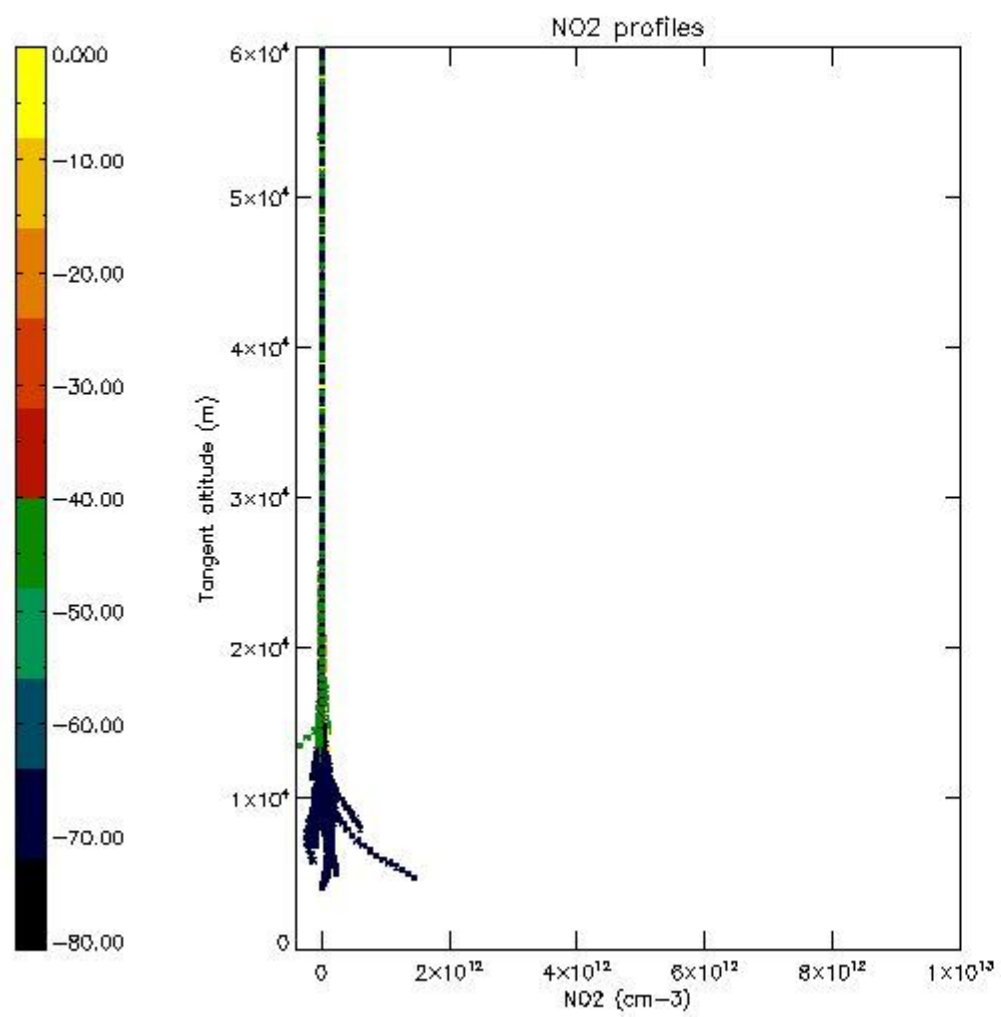
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



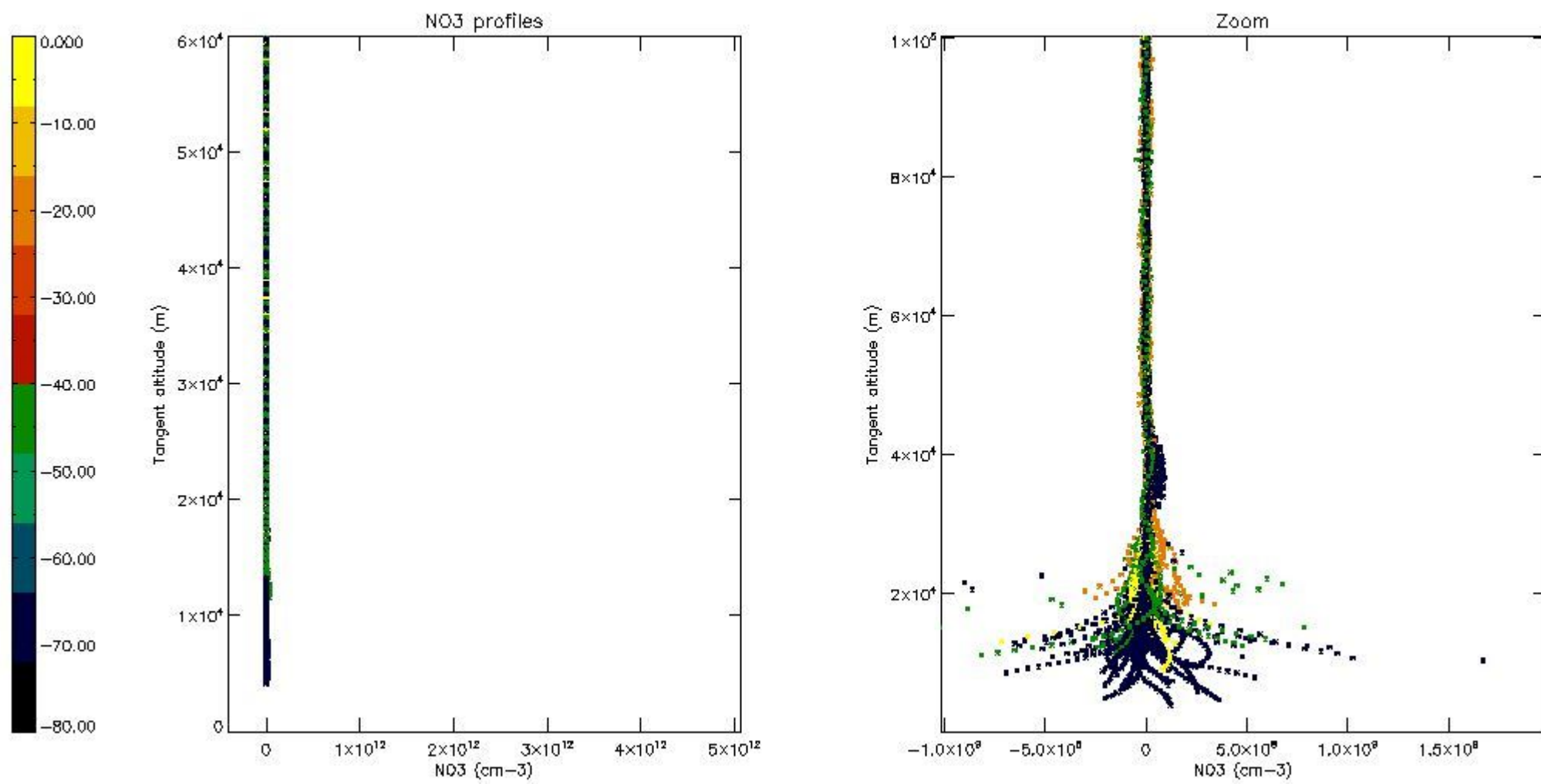
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



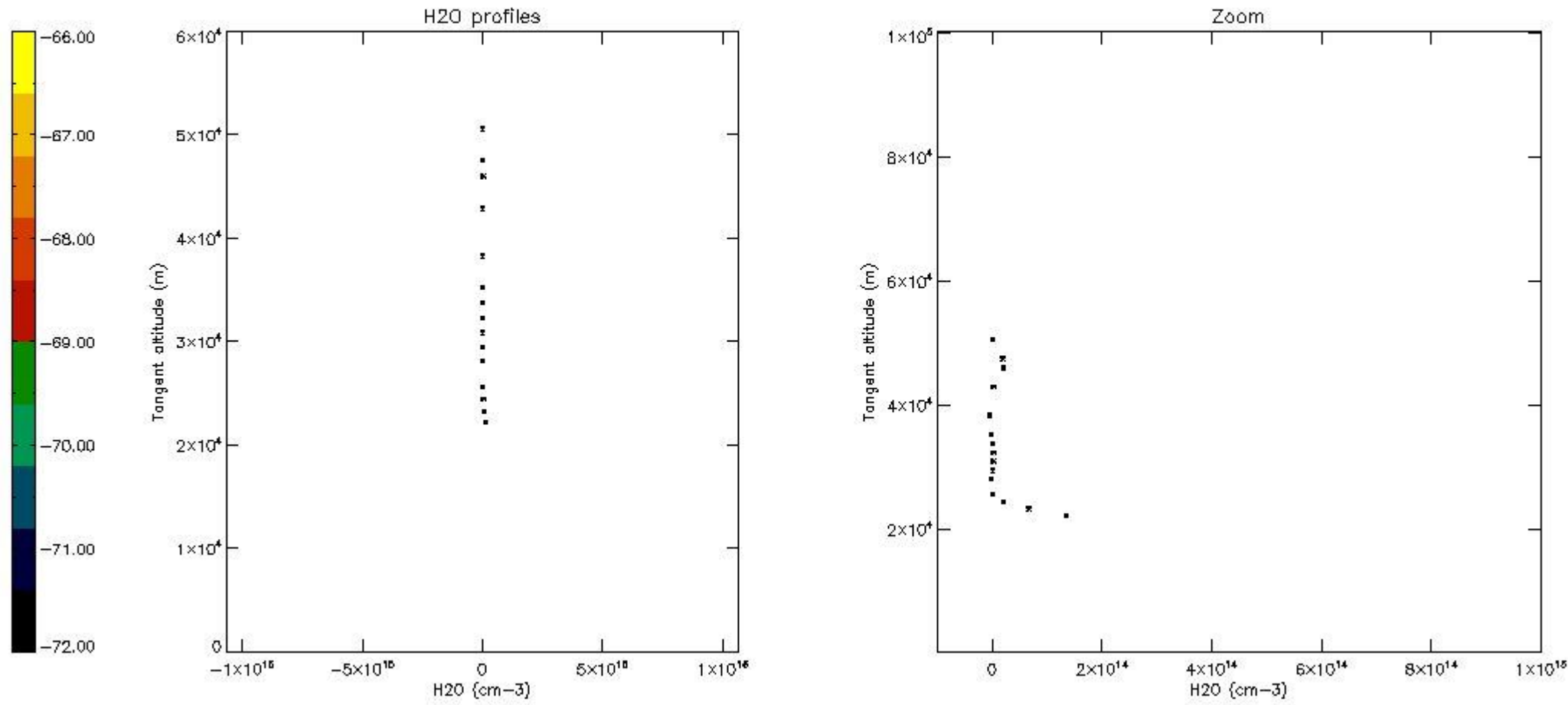
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	02-AUG-2010 02:17:32
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-AUG-2010 02:17:32
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-AUG-2010 02:17:32

GOMOS Level 2 Daily Report

SUMMARY

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

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[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](#)

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	29APR2013 13:42:19
Data source version	GOMOS/6.01
Start time of products	02-08-2010 (02AUG2010 00:00:00)
Stop time of products	03-08-2010 (03AUG2010 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	218
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__2PRFIN20100802_021732_000000432091_00390_44031_9375.N1	02-AUG-2010 02:17:32	Dark	43.000	9	Alp Eri	0.45300	24000.	86	44031	No
2	GOM_NL__2PRFIN20100802_022223_000000672091_00390_44031_9376.N1	02-AUG-2010 02:22:23	Straylight	66.500	84	Alp Phe	2.3970	4500.0	133	44031	No
3	GOM_NL__2PRFIN20100802_022743_000000512091_00390_44031_9377.N1	02-AUG-2010 02:27:43	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	44031	No
4	GOM_NL__2PRFIN20100802_023051_000000452091_00390_44031_9378.N1	02-AUG-2010 02:30:51	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	44031	No
5	GOM_NL__2PRFIN20100802_024636_000000402091_00390_44031_9379.N1	02-AUG-2010 02:46:36	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	44031	No
6	GOM_NL__2PRFIN20100802_025511_000000462091_00390_44031_9380.N1	02-AUG-2010 02:55:11	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	44031	No
7	GOM_NL__2PRFIN20100802_025710_000000382091_00390_44031_9381.N1	02-AUG-2010 02:57:10	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	44031	No
8	GOM_NL__2PRFIN20100802_030343_000000392091_00390_44031_9382.N1	02-AUG-2010 03:03:43	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	44031	No
9	GOM_NL__2PRFIN20100802_031832_000000482091_00390_44031_9383.N1	02-AUG-2010 03:18:32	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	44031	No
10	GOM_NL__2PRFIN20100802_032013_000000502091_00390_44031_9384.N1	02-AUG-2010 03:20:13	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	44031	No
11	GOM_NL__2PRFIN20100802_032219_000000422091_00390_44031_9385.N1	02-AUG-2010 03:22:19	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	44031	No
12	GOM_NL__2PRFIN20100802_032413_000000532091_00390_44031_9386.N1	02-AUG-2010 03:24:13	Bright	53.000	149	45Eps Per	2.8880	30000.	106	44031	No
13	GOM_NL__2PRFIN20100802_032734_000000462091_00390_44031_9387.N1	02-AUG-2010 03:27:34	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	44031	No
14	GOM_NL__2PRFIN20100802_032939_000000412091_00390_44031_9388.N1	02-AUG-2010 03:29:39	Twilight	41.000	176	23Zet Tau	3.0200	22000.	82	44031	No
15	GOM_NL__2PRFIN20100802_033212_000000532091_00390_44031_9389.N1	02-AUG-2010 03:32:12	Dark	52.500	13	87Alp Tau	0.86700	3800.0	105	44031	No
16	GOM_NL__2PRFIN20100802_033411_000000402091_00390_44031_9390.N1	02-AUG-2010 03:34:11	Dark	39.500	27	24Gam Ori	1.6360	26000.	79	44031	No
17	GOM_NL__2PRFIN20100802_033606_000000382091_00390_44031_9391.N1	02-AUG-2010 03:36:06	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	44031	No
18	GOM_NL__2PRFIN20100802_033836_000000562091_00390_44031_9392.N1	02-AUG-2010 03:38:36	Dark	56.000	7	19Bet Ori	0.10000	14000.	112	44031	No
19	GOM_NL__2PRFIN20100802_034316_000000572091_00390_44031_9393.N1	02-AUG-2010 03:43:16	Dark	57.000	165	34Gam Eri	2.9500	3200.0	114	44031	No
20	GOM_NL__2PRFIN20100802_035242_000000462091_00390_44031_9394.N1	02-AUG-2010 03:52:42	Dark	46.000	157	The1Eri	2.9060	9300.0	92	44031	No
21	GOM_NL__2PRFIN20100802_071923_000000432091_00393_44034_9445.N1	02-AUG-2010 07:19:23	Dark	42.500	9	Alp Eri	0.45300	24000.	85	44034	No
22	GOM_NL__2PRFIN20100802_072414_000000642091_00393_44034_9446.N1	02-AUG-2010 07:24:14	Straylight	64.000	84	Alp Phe	2.3970	4500.0	128	44034	No
23	GOM_NL__2PRFIN20100802_072932_000000482091_00393_44034_9447.N1	02-AUG-2010 07:29:32	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	44034	No
24	GOM_NL__2PRFIN20100802_073240_000000452091_00393_44034_9448.N1	02-AUG-2010 07:32:40	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	44034	No
25	GOM_NL__2PRFIN20100802_074824_000000402091_00393_44034_9449.N1	02-AUG-2010 07:48:24	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	44034	No
26	GOM_NL__2PRFIN20100802_075657_000000462091_00393_44034_9450.N1	02-AUG-2010 07:56:57	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	44034	No
27	GOM_NL__2PRFIN20100802_075857_000000382091_00393_44034_9451.N1	02-AUG-2010 07:58:57	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	44034	No
28	GOM_NL__2PRFIN20100802_080530_000000412091_00393_44034_9452.N1	02-AUG-2010 08:05:30	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	44034	No
29	GOM_NL__2PRFIN20100802_082019_000000502091_00393_44034_9453.N1	02-AUG-2010 08:20:19	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	44034	No
30	GOM_NL__2PRFIN20100802_082200_000000502091_00393_44034_9454.N1	02-AUG-2010 08:22:00	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	44034	No
31	GOM_NL__2PRFIN20100802_082407_000000432091_00393_44034_9455.N1	02-AUG-2010 08:24:07	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	44034	No
32	GOM_NL__2PRFIN20100802_082634_000000342091_00393_44034_9456.N1	02-AUG-2010 08:26:34	Bright	34.000	107	37The Aur	2.6490	11000.	68	44034	No
33	GOM_NL__2PRFIN20100802_082923_000000472091_00393_44034_9457.N1	02-AUG-2010 08:29:23	Bright	46.500	28	12Bet Tau	1.6500	15200.	93	44034	No
34	GOM_NL__2PRFIN20100802_083128_000000402091_00393_44034_9458.N1	02-AUG-2010 08:31:28	Twilight	40.000	176	23Zet Tau	3.0200	22000.	80	44034	No
35	GOM_NL__2PRFIN20100802_083401_000000452091_00393_44034_9459.N1	02-AUG-2010 08:34:01	Dark	45.000	13	87Alp Tau	0.86700	3800.0	90	44034	No
36	GOM_NL__2PRFIN20100802_083600_000000402091_00393_44034_9460.N1	02-AUG-2010 08:36:00	Dark	40.000	27	24Gam Ori	1.6360	26000.	80	44034	No
37	GOM_NL__2PRFIN20100802_083755_000000452091_00393_44034_9461.N1	02-AUG-2010 08:37:55	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	44034	No
38	GOM_NL__2PRFIN20100802_084025_000000492091_00393_44034_9462.N1	02-AUG-2010 08:40:25	Dark	48.500	7	19Bet Ori	0.10000	14000.	97	44034	No
39	GOM_NL__2PRFIN20100802_084507_000000562091_00393_44034_9463.N1	02-AUG-2010 08:45:07	Dark	56.000	165	34Gam Eri	2.9500	3200.0	112	44034	No
40	GOM_NL__2PRFIN20100802_085433_000000472091_00393_44034_9464.N1	02-AUG-2010 08:54:33	Dark	46.500	157	The1Eri	2.9060	9300.0	93	44034	No
41	GOM_NL__2PRFIN20100802_085959_000000432091_00394_44035_9510.N1	02-AUG-2010 08:59:59	Dark	43.000	9	Alp Eri	0.45300	24000.	86	44035	No
42	GOM_NL__2PRFIN20100802_090451_000000552091_00394_44035_9511.N1	02-AUG-2010 09:04:51	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	44035	No

43	GOM_NL__2PRFIN20100802_091009_000000502091_00394_44035_9512.N1	02-AUG-2010 09:10:09	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	44035	No
44	GOM_NL__2PRFIN20100802_091317_000000462091_00394_44035_9513.N1	02-AUG-2010 09:13:17	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	44035	No
45	GOM_NL__2PRFIN20100802_092900_000000392091_00394_44035_9514.N1	02-AUG-2010 09:29:00	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	44035	No
46	GOM_NL__2PRFIN20100802_093733_000000462091_00394_44035_9515.N1	02-AUG-2010 09:37:33	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	44035	No
47	GOM_NL__2PRFIN20100802_093933_000000372091_00394_44035_9516.N1	02-AUG-2010 09:39:33	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	44035	No
48	GOM_NL__2PRFIN20100802_094606_000000412091_00394_44035_9517.N1	02-AUG-2010 09:46:06	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	44035	No
49	GOM_NL__2PRFIN20100802_100055_000000702091_00394_44035_9518.N1	02-AUG-2010 10:00:55	Bright	70.000	160	23Gam Per	2.9300	4700.0	140	44035	No
50	GOM_NL__2PRFIN20100802_100236_000000512091_00394_44035_9519.N1	02-AUG-2010 10:02:36	Bright	50.500	35	33Alp Per	1.7950	6250.0	101	44035	No
51	GOM_NL__2PRFIN20100802_100442_000000422091_00394_44035_9520.N1	02-AUG-2010 10:04:42	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	44035	No
52	GOM_NL__2PRFIN20100802_100710_000000342091_00394_44035_9521.N1	02-AUG-2010 10:07:10	Bright	34.000	107	37The Aur	2.6490	11000.	68	44035	No
53	GOM_NL__2PRFIN20100802_100959_000000472091_00394_44035_9522.N1	02-AUG-2010 10:09:59	Bright	46.500	28	12Bet Tau	1.6500	15200.	93	44035	No
54	GOM_NL__2PRFIN20100802_101204_000000412091_00394_44035_9523.N1	02-AUG-2010 10:12:04	Tw_i_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	44035	No
55	GOM_NL__2PRFIN20100802_101437_000000542091_00394_44035_9524.N1	02-AUG-2010 10:14:37	Dark	54.000	13	87Alp Tau	0.86700	3800.0	108	44035	No
56	GOM_NL__2PRFIN20100802_101637_000000442091_00394_44035_9525.N1	02-AUG-2010 10:16:37	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	44035	No
57	GOM_NL__2PRFIN20100802_101832_000000432091_00394_44035_9526.N1	02-AUG-2010 10:18:32	Dark	42.500	30	46Eps Ori	1.6940	30000.	85	44035	No
58	GOM_NL__2PRFIN20100802_102102_000000522091_00394_44035_9527.N1	02-AUG-2010 10:21:02	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	44035	No
59	GOM_NL__2PRFIN20100802_102544_000000542091_00394_44035_9528.N1	02-AUG-2010 10:25:44	Dark	53.500	165	34Gam Eri	2.9500	3200.0	107	44035	No
60	GOM_NL__2PRFIN20100802_103509_000000482091_00394_44035_9529.N1	02-AUG-2010 10:35:09	Dark	48.000	157	The1Eri	2.9060	9300.0	96	44035	No
61	GOM_NL__2PRFIN20100802_104035_000000452091_00395_44036_9596.N1	02-AUG-2010 10:40:35	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44036	No
62	GOM_NL__2PRFIN20100802_104528_000000562091_00395_44036_9597.N1	02-AUG-2010 10:45:28	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	44036	No
63	GOM_NL__2PRFIN20100802_105045_000000452091_00395_44036_9598.N1	02-AUG-2010 10:50:45	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	44036	No
64	GOM_NL__2PRFIN20100802_105353_000000462091_00395_44036_9599.N1	02-AUG-2010 10:53:53	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	44036	No
65	GOM_NL__2PRFIN20100802_110935_000000402091_00395_44036_9600.N1	02-AUG-2010 11:09:35	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	44036	No
66	GOM_NL__2PRFIN20100802_111808_000000472091_00395_44036_9601.N1	02-AUG-2010 11:18:08	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	44036	No
67	GOM_NL__2PRFIN20100802_112009_000000362091_00395_44036_9602.N1	02-AUG-2010 11:20:09	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	44036	No
68	GOM_NL__2PRFIN20100802_112641_000000422091_00395_44036_9603.N1	02-AUG-2010 11:26:41	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	44036	No
69	GOM_NL__2PRFIN20100802_114130_000000502091_00395_44036_9604.N1	02-AUG-2010 11:41:30	Bright	49.500	160	23Gam Per	2.9300	4700.0	99	44036	No
70	GOM_NL__2PRFIN20100802_114311_000000502091_00395_44036_9605.N1	02-AUG-2010 11:43:11	Bright	50.000	35	33Alp Per	1.7950	6250.0	100	44036	No
71	GOM_NL__2PRFIN20100802_114518_000000462091_00395_44036_9606.N1	02-AUG-2010 11:45:18	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	44036	No
72	GOM_NL__2PRFIN20100802_114745_000000532091_00395_44036_9607.N1	02-AUG-2010 11:47:45	Bright	53.000	107	37The Aur	2.6490	11000.	106	44036	No
73	GOM_NL__2PRFIN20100802_115035_000000562091_00395_44036_9608.N1	02-AUG-2010 11:50:35	Bright	56.000	28	12Bet Tau	1.6500	15200.	112	44036	No
74	GOM_NL__2PRFIN20100802_115240_000000412091_00395_44036_9609.N1	02-AUG-2010 11:52:40	Tw_i_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	44036	No
75	GOM_NL__2PRFIN20100802_115513_000000562091_00395_44036_9610.N1	02-AUG-2010 11:55:13	Dark	55.500	13	87Alp Tau	0.86700	3800.0	111	44036	No
76	GOM_NL__2PRFIN20100802_115713_000000452091_00395_44036_9611.N1	02-AUG-2010 11:57:13	Dark	45.000	27	24Gam Ori	1.6360	26000.	90	44036	No
77	GOM_NL__2PRFIN20100802_115908_000000452091_00395_44036_9612.N1	02-AUG-2010 11:59:08	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	44036	No
78	GOM_NL__2PRFIN20100802_120138_000000492091_00395_44036_9613.N1	02-AUG-2010 12:01:38	Dark	49.000	7	19Bet Ori	0.10000	14000.	98	44036	No
79	GOM_NL__2PRFIN20100802_120621_000000562091_00395_44036_9614.N1	02-AUG-2010 12:06:21	Dark	56.000	165	34Gam Eri	2.9500	3200.0	112	44036	No
80	GOM_NL__2PRFIN20100802_121546_000000472091_00395_44036_9615.N1	02-AUG-2010 12:15:46	Dark	46.500	157	The1Eri	2.9060	9300.0	93	44036	No
81	GOM_NL__2PRFIN20100802_122112_000000442091_00396_44037_9634.N1	02-AUG-2010 12:21:12	Dark	43.500	9	Alp Eri	0.45300	24000.	87	44037	No
82	GOM_NL__2PRFIN20100802_122605_000000562091_00396_44037_9635.N1	02-AUG-2010 12:26:05	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	44037	No
83	GOM_NL__2PRFIN20100802_123122_000000442091_00396_44037_9636.N1	02-AUG-2010 12:31:22	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	44037	No
84	GOM_NL__2PRFIN20100802_123429_000000452091_00396_44037_9637.N1	02-AUG-2010 12:34:29	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	44037	No
85	GOM_NL__2PRFIN20100802_125011_000000372091_00396_44037_9638.N1	02-AUG-2010 12:50:11	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	44037	No
86	GOM_NL__2PRFIN20100802_125844_000000422091_00396_44037_9639.N1	02-AUG-2010 12:58:44	Bright	41.500	92	53Eps Cyg	2.5000	4500.0	83	44037	No
87	GOM_NL__2PRFIN20100802_130044_000000392091_00396_44037_9640.N1	02-AUG-2010 13:00:44	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	44037	No
88	GOM_NL__2PRFIN20100802_130717_000000412091_00396_44037_9641.N1	02-AUG-2010 13:07:17	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	44037	No
89	GOM_NL__2PRFIN20100802_132206_000000492091_00396_44037_9642.N1	02-AUG-2010 13:22:06	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	44037	No
90	GOM_NL__2PRFIN20100802_132346_000000522091_00396_44037_9643.N1	02-AUG-2010 13:23:46	Bright	51.500	35	33Alp Per	1.7950	6250.0	103	44037	No
91	GOM_NL__2PRFIN20100802_132554_000000442091_00396_44037_9644.N1	02-AUG-2010 13:25:54	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	44037	No
92	GOM_NL__2PRFIN20100802_132822_000000352091_00396_44037_9645.N1	02-AUG-2010 13:28:22	Bright	34.500	107	37The Aur	2.6490	11000.	69	44037	No
93	GOM_NL__2PRFIN20100802_133111_000000462091_00396_44037_9646.N1	02-AUG-2010 13:31:11	Bright	46.000	28	12Bet Tau	1.6500	15200.	92	44037	No
94	GOM_NL__2PRFIN20100802_133316_000000422091_00396_44037_9647.N1	02-AUG-2010 13:33:16	Tw_i_and_stray	41.500	176	23Zet Tau	3.0200	22000.	83	44037	No
95	GOM_NL__2PRFIN20100802_133550_000000642091_00396_44037_9648.N1	02-AUG-2010 13:35:50	Dark	64.000	13	87Alp Tau	0.86700	3800.0	128	44037	No
96	GOM_NL__2PRFIN20100802_133749_000000472091_00396_44037_9649.N1	02-AUG-2010 13:37:49	Dark	47.000	27	24Gam Ori	1.6360	26000.	94	44037	No
97	GOM_NL__2PRFIN20100802_133944_000000442091_00396_44037_9650.N1	02-AUG-2010 13:39:44	Dark	43.500	30	46Eps Ori	1.6940	30000.	87	44037	No
98	GOM_NL__2PRFIN20100802_134214_000000502091_00396_44037_9651.N1	02-AUG-2010 13:42:14	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	44037	No
99	GOM_NL__2PRFIN20100802_134658_000000542091_00396_44037_9652.N1	02-AUG-2010 13:46:58	Dark	53.500	165	34Gam Eri	2.9500	3200.0	107	44037	No
100	GOM_NL__2PRFIN20100802_135623_000000452091_00396_44037_9653.N1	02-AUG-2010 13:56:23	Dark	45.000	157	The1Eri	2.9060	9300.0	90	44037	No
101	GOM_NL__2PRFIN20100802_140149_000000452091_00397_44038_9684.N1	02-AUG-2010 14:01:49	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44038	No

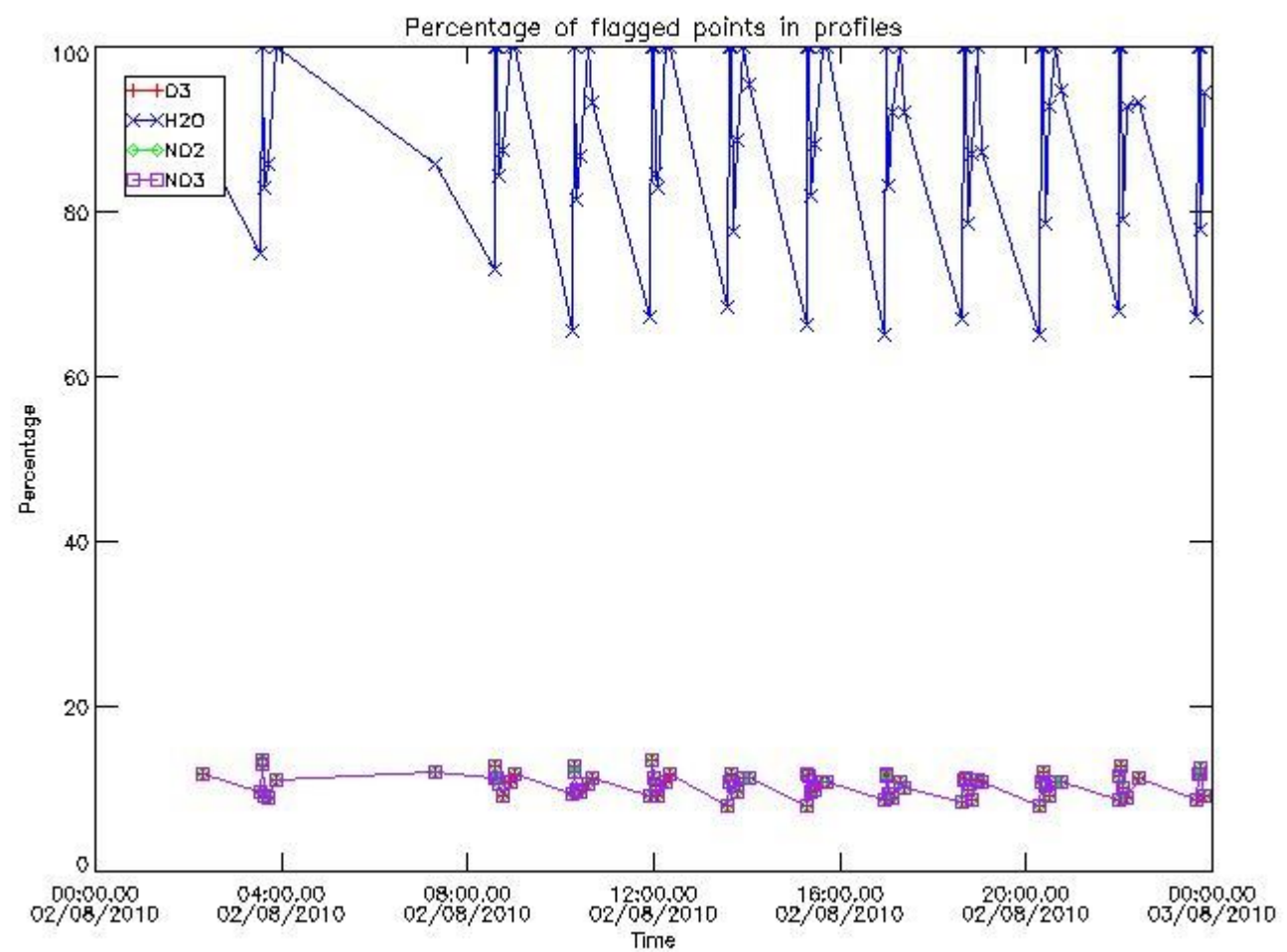
102	GOM_NL__2PRFIN20100802_140641_000000582091_00397_44038_9685.N1	02-AUG-2010 14:06:41	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	44038	No
103	GOM_NL__2PRFIN20100802_141158_000000492091_00397_44038_9686.N1	02-AUG-2010 14:11:58	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	44038	No
104	GOM_NL__2PRFIN20100802_141506_000000462091_00397_44038_9687.N1	02-AUG-2010 14:15:06	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	44038	No
105	GOM_NL__2PRFIN20100802_143048_000000372091_00397_44038_9688.N1	02-AUG-2010 14:30:48	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	44038	No
106	GOM_NL__2PRFIN20100802_143919_000000412091_00397_44038_9689.N1	02-AUG-2010 14:39:19	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	44038	No
107	GOM_NL__2PRFIN20100802_144120_000000372091_00397_44038_9690.N1	02-AUG-2010 14:41:20	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	44038	No
108	GOM_NL__2PRFIN20100802_144752_000000412091_00397_44038_9691.N1	02-AUG-2010 14:47:52	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	44038	No
109	GOM_NL__2PRFIN20100802_150241_000000532091_00397_44038_9692.N1	02-AUG-2010 15:02:41	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	44038	No
110	GOM_NL__2PRFIN20100802_150422_000000532091_00397_44038_9693.N1	02-AUG-2010 15:04:22	Bright	52.500	35	33Alp Per	1.7950	6250.0	105	44038	No
111	GOM_NL__2PRFIN20100802_150630_000000562091_00397_44038_9694.N1	02-AUG-2010 15:06:30	Bright	56.000	6	13Alp Aur	0.080000	3400.0	112	44038	No
112	GOM_NL__2PRFIN20100802_150858_000000362091_00397_44038_9695.N1	02-AUG-2010 15:08:58	Bright	36.000	107	37The Aur	2.6490	11000.	72	44038	No
113	GOM_NL__2PRFIN20100802_151147_000000452091_00397_44038_9696.N1	02-AUG-2010 15:11:47	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	44038	No
114	GOM_NL__2PRFIN20100802_151353_000000432091_00397_44038_9697.N1	02-AUG-2010 15:13:53	Tw_i_and_stray	42.500	176	23Zet Tau	3.0200	22000.	85	44038	No
115	GOM_NL__2PRFIN20100802_151626_000000642091_00397_44038_9698.N1	02-AUG-2010 15:16:26	Dark	64.000	13	87Alp Tau	0.86700	3800.0	128	44038	No
116	GOM_NL__2PRFIN20100802_151825_000000442091_00397_44038_9699.N1	02-AUG-2010 15:18:25	Dark	43.500	27	24Gam Ori	1.6360	26000.	87	44038	No
117	GOM_NL__2PRFIN20100802_152020_000000442091_00397_44038_9700.N1	02-AUG-2010 15:20:20	Dark	44.000	30	46Eps Ori	1.6940	30000.	88	44038	No
118	GOM_NL__2PRFIN20100802_152251_000000532091_00397_44038_9701.N1	02-AUG-2010 15:22:51	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	44038	No
119	GOM_NL__2PRFIN20100802_152735_000000512091_00397_44038_9702.N1	02-AUG-2010 15:27:35	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	44038	No
120	GOM_NL__2PRFIN20100802_153700_000000472091_00397_44038_9703.N1	02-AUG-2010 15:37:00	Dark	47.000	157	The1Eri	2.9060	9300.0	94	44038	No
121	GOM_NL__2PRFIN20100802_154225_000000472091_00398_44039_9701.N1	02-AUG-2010 15:42:25	Dark	47.000	9	Alp Eri	0.45300	24000.	94	44039	No
122	GOM_NL__2PRFIN20100802_154719_000000552091_00398_44039_9702.N1	02-AUG-2010 15:47:19	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	44039	No
123	GOM_NL__2PRFIN20100802_155235_000000442091_00398_44039_9703.N1	02-AUG-2010 15:52:35	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	44039	No
124	GOM_NL__2PRFIN20100802_155542_000000442091_00398_44039_9704.N1	02-AUG-2010 15:55:42	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	44039	No
125	GOM_NL__2PRFIN20100802_161123_000000372091_00398_44039_9705.N1	02-AUG-2010 16:11:23	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	44039	No
126	GOM_NL__2PRFIN20100802_161955_000000462091_00398_44039_9706.N1	02-AUG-2010 16:19:55	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	44039	No
127	GOM_NL__2PRFIN20100802_162156_000000382091_00398_44039_9707.N1	02-AUG-2010 16:21:56	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	44039	No
128	GOM_NL__2PRFIN20100802_162828_000000432091_00398_44039_9708.N1	02-AUG-2010 16:28:28	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	44039	No
129	GOM_NL__2PRFIN20100802_164317_000000482091_00398_44039_9709.N1	02-AUG-2010 16:43:17	Bright	47.500	160	23Gam Per	2.9300	4700.0	95	44039	No
130	GOM_NL__2PRFIN20100802_164458_000000502091_00398_44039_9710.N1	02-AUG-2010 16:44:58	Bright	50.000	35	33Alp Per	1.7950	6250.0	100	44039	No
131	GOM_NL__2PRFIN20100802_164706_000000562091_00398_44039_9711.N1	02-AUG-2010 16:47:06	Bright	56.000	6	13Alp Aur	0.080000	3400.0	112	44039	No
132	GOM_NL__2PRFIN20100802_164934_000000532091_00398_44039_9712.N1	02-AUG-2010 16:49:34	Bright	53.000	107	37The Aur	2.6490	11000.	106	44039	No
133	GOM_NL__2PRFIN20100802_165223_000000472091_00398_44039_9713.N1	02-AUG-2010 16:52:23	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	44039	No
134	GOM_NL__2PRFIN20100802_165429_000000412091_00398_44039_9714.N1	02-AUG-2010 16:54:29	Tw_i_and_stray	41.000	176	23Zet Tau	3.0200	22000.	82	44039	No
135	GOM_NL__2PRFIN20100802_165702_000000592091_00398_44039_9715.N1	02-AUG-2010 16:57:02	Dark	59.000	13	87Alp Tau	0.86700	3800.0	118	44039	No
136	GOM_NL__2PRFIN20100802_165902_000000452091_00398_44039_9716.N1	02-AUG-2010 16:59:02	Dark	44.500	27	24Gam Ori	1.6360	26000.	89	44039	No
137	GOM_NL__2PRFIN20100802_170057_000000442091_00398_44039_9717.N1	02-AUG-2010 17:00:57	Dark	43.500	30	46Eps Ori	1.6940	30000.	87	44039	No
138	GOM_NL__2PRFIN20100802_170327_000000542091_00398_44039_9718.N1	02-AUG-2010 17:03:27	Dark	54.000	7	19Bet Ori	0.10000	14000.	108	44039	No
139	GOM_NL__2PRFIN20100802_170812_000000582091_00398_44039_9719.N1	02-AUG-2010 17:08:12	Dark	57.500	165	34Gam Eri	2.9500	3200.0	115	44039	No
140	GOM_NL__2PRFIN20100802_171737_000000472091_00398_44039_9720.N1	02-AUG-2010 17:17:37	Dark	47.000	157	The1Eri	2.9060	9300.0	94	44039	No
141	GOM_NL__2PRFIN20100802_172302_000000512091_00399_44040_9725.N1	02-AUG-2010 17:23:02	Dark	50.500	9	Alp Eri	0.45300	24000.	101	44040	No
142	GOM_NL__2PRFIN20100802_172756_000000562091_00399_44040_9726.N1	02-AUG-2010 17:27:56	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	44040	No
143	GOM_NL__2PRFIN20100802_173311_000000432091_00399_44040_9727.N1	02-AUG-2010 17:33:11	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	44040	No
144	GOM_NL__2PRFIN20100802_173619_000000482091_00399_44040_9728.N1	02-AUG-2010 17:36:19	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	44040	No
145	GOM_NL__2PRFIN20100802_175159_000000372091_00399_44040_9729.N1	02-AUG-2010 17:51:59	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	44040	No
146	GOM_NL__2PRFIN20100802_180030_000000462091_00399_44040_9730.N1	02-AUG-2010 18:00:30	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	44040	No
147	GOM_NL__2PRFIN20100802_180231_000000372091_00399_44040_9731.N1	02-AUG-2010 18:02:31	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	44040	No
148	GOM_NL__2PRFIN20100802_180903_000000432091_00399_44040_9732.N1	02-AUG-2010 18:09:03	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	44040	No
149	GOM_NL__2PRFIN20100802_182352_000000482091_00399_44040_9733.N1	02-AUG-2010 18:23:52	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	44040	No
150	GOM_NL__2PRFIN20100802_182534_000000512091_00399_44040_9734.N1	02-AUG-2010 18:25:34	Bright	50.500	35	33Alp Per	1.7950	6250.0	101	44040	No
151	GOM_NL__2PRFIN20100802_182742_000000432091_00399_44040_9735.N1	02-AUG-2010 18:27:42	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	44040	No
152	GOM_NL__2PRFIN20100802_183010_000000402091_00399_44040_9736.N1	02-AUG-2010 18:30:10	Bright	39.500	107	37The Aur	2.6490	11000.	79	44040	No
153	GOM_NL__2PRFIN20100802_183259_000000562091_00399_44040_9737.N1	02-AUG-2010 18:32:59	Bright	56.000	28	12Bet Tau	1.6500	15200.	112	44040	No
154	GOM_NL__2PRFIN20100802_183505_000000422091_00399_44040_9738.N1	02-AUG-2010 18:35:05	Tw_i_and_stray	41.500	176	23Zet Tau	3.0200	22000.	83	44040	No
155	GOM_NL__2PRFIN20100802_183739_000000612091_00399_44040_9739.N1	02-AUG-2010 18:37:39	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	44040	No
156	GOM_NL__2PRFIN20100802_183938_000000462091_00399_44040_9740.N1	02-AUG-2010 18:39:38	Dark	46.000	27	24Gam Ori	1.6360	26000.	92	44040	No
157	GOM_NL__2PRFIN20100802_184133_000000452091_00399_44040_9741.N1	02-AUG-2010 18:41:33	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	44040	No
158	GOM_NL__2PRFIN20100802_184404_000000522091_00399_44040_9742.N1	02-AUG-2010 18:44:04	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	44040	No
159	GOM_NL__2PRFIN20100802_184849_000000582091_00399_44040_9743.N1	02-AUG-2010 18:48:49	Dark	58.000	165	34Gam Eri	2.9500	3200.0	116	44040	No
160	GOM_NL__2PRFIN20100802_185814_000000462091_00399_44040_9744.N1	02-AUG-2010 18:58:14	Dark	45.500	157	The1Eri	2.9060	9300.0	91	44040	No

161	GOM_NL__2PRFIN20100802_190339_000000472091_00400_44041_9751.N1	02-AUG-2010 19:03:39	Dark	47.000	9	Alp Eri	0.45300	24000.	94	44041	No
162	GOM_NL__2PRFIN20100802_190833_000000552091_00400_44041_9752.N1	02-AUG-2010 19:08:33	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	44041	No
163	GOM_NL__2PRFIN20100802_191348_000000412091_00400_44041_9753.N1	02-AUG-2010 19:13:48	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	44041	No
164	GOM_NL__2PRFIN20100802_191655_000000452091_00400_44041_9754.N1	02-AUG-2010 19:16:55	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	44041	No
165	GOM_NL__2PRFIN20100802_193235_000000402091_00400_44041_9755.N1	02-AUG-2010 19:32:35	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	44041	No
166	GOM_NL__2PRFIN20100802_194105_000000442091_00400_44041_9756.N1	02-AUG-2010 19:41:05	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	44041	No
167	GOM_NL__2PRFIN20100802_194307_000000372091_00400_44041_9757.N1	02-AUG-2010 19:43:07	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	44041	No
168	GOM_NL__2PRFIN20100802_194939_000000422091_00400_44041_9758.N1	02-AUG-2010 19:49:39	Bright	41.500	89	5Alp Cep	2.4510	8000.0	83	44041	No
169	GOM_NL__2PRFIN20100802_200428_000000542091_00400_44041_9759.N1	02-AUG-2010 20:04:28	Bright	53.500	160	23Gam Per	2.9300	4700.0	107	44041	No
170	GOM_NL__2PRFIN20100802_200609_000000522091_00400_44041_9760.N1	02-AUG-2010 20:06:09	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	44041	No
171	GOM_NL__2PRFIN20100802_200818_000000442091_00400_44041_9761.N1	02-AUG-2010 20:08:18	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	44041	No
172	GOM_NL__2PRFIN20100802_201046_000000472091_00400_44041_9762.N1	02-AUG-2010 20:10:46	Bright	46.500	107	37The Aur	2.6490	11000.	93	44041	No
173	GOM_NL__2PRFIN20100802_201335_000000492091_00400_44041_9763.N1	02-AUG-2010 20:13:35	Bright	48.500	28	12Bet Tau	1.6500	15200.	97	44041	No
174	GOM_NL__2PRFIN20100802_201541_000000422091_00400_44041_9764.N1	02-AUG-2010 20:15:41	Tw_i_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	44041	No
175	GOM_NL__2PRFIN20100802_201815_000000652091_00400_44041_9765.N1	02-AUG-2010 20:18:15	Dark	65.000	13	87Alp Tau	0.86700	3800.0	130	44041	No
176	GOM_NL__2PRFIN20100802_202014_000000472091_00400_44041_9766.N1	02-AUG-2010 20:20:14	Dark	46.500	27	24Gam Ori	1.6360	26000.	93	44041	No
177	GOM_NL__2PRFIN20100802_202209_000000422091_00400_44041_9767.N1	02-AUG-2010 20:22:09	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	44041	No
178	GOM_NL__2PRFIN20100802_202440_000000502091_00400_44041_9768.N1	02-AUG-2010 20:24:40	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	44041	No
179	GOM_NL__2PRFIN20100802_202926_000000552091_00400_44041_9769.N1	02-AUG-2010 20:29:26	Dark	55.000	165	34Gam Eri	2.9500	3200.0	110	44041	No
180	GOM_NL__2PRFIN20100802_203851_000000472091_00400_44041_9770.N1	02-AUG-2010 20:38:51	Dark	46.500	157	The1Eri	2.9060	9300.0	93	44041	No
181	GOM_NL__2PRFIN20100802_204415_000000472091_00401_44042_9782.N1	02-AUG-2010 20:44:15	Dark	47.000	9	Alp Eri	0.45300	24000.	94	44042	No
182	GOM_NL__2PRFIN20100802_204910_000000562091_00401_44042_9783.N1	02-AUG-2010 20:49:10	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	44042	No
183	GOM_NL__2PRFIN20100802_205424_000000432091_00401_44042_9784.N1	02-AUG-2010 20:54:24	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	44042	No
184	GOM_NL__2PRFIN20100802_205731_000000452091_00401_44042_9785.N1	02-AUG-2010 20:57:31	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	44042	No
185	GOM_NL__2PRFIN20100802_211311_000000392091_00401_44042_9786.N1	02-AUG-2010 21:13:11	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	44042	No
186	GOM_NL__2PRFIN20100802_212141_000000412091_00401_44042_9787.N1	02-AUG-2010 21:21:41	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	44042	No
187	GOM_NL__2PRFIN20100802_212343_000000382091_00401_44042_9788.N1	02-AUG-2010 21:23:43	Bright	38.000	144	18Del Cyg	2.8600	11000.	76	44042	No
188	GOM_NL__2PRFIN20100802_213015_000000412091_00401_44042_9789.N1	02-AUG-2010 21:30:15	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	44042	No
189	GOM_NL__2PRFIN20100802_214504_000000462091_00401_44042_9790.N1	02-AUG-2010 21:45:04	Bright	45.500	160	23Gam Per	2.9300	4700.0	91	44042	No
190	GOM_NL__2PRFIN20100802_214645_000000512091_00401_44042_9791.N1	02-AUG-2010 21:46:45	Bright	51.000	35	33Alp Per	1.7950	6250.0	102	44042	No
191	GOM_NL__2PRFIN20100802_214854_000000432091_00401_44042_9792.N1	02-AUG-2010 21:48:54	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	44042	No
192	GOM_NL__2PRFIN20100802_215122_000000342091_00401_44042_9793.N1	02-AUG-2010 21:51:22	Bright	33.500	107	37The Aur	2.6490	11000.	67	44042	No
193	GOM_NL__2PRFIN20100802_215411_000000452091_00401_44042_9794.N1	02-AUG-2010 21:54:11	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	44042	No
194	GOM_NL__2PRFIN20100802_215617_000000442091_00401_44042_9795.N1	02-AUG-2010 21:56:17	Tw_i_and_stray	43.500	176	23Zet Tau	3.0200	22000.	87	44042	No
195	GOM_NL__2PRFIN20100802_215852_000000582091_00401_44042_9796.N1	02-AUG-2010 21:58:52	Dark	58.000	13	87Alp Tau	0.86700	3800.0	116	44042	No
196	GOM_NL__2PRFIN20100802_220050_000000452091_00401_44042_9797.N1	02-AUG-2010 22:00:50	Dark	44.500	27	24Gam Ori	1.6360	26000.	89	44042	No
197	GOM_NL__2PRFIN20100802_220246_000000402091_00401_44042_9798.N1	02-AUG-2010 22:02:46	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	44042	No
198	GOM_NL__2PRFIN20100802_220516_000000512091_00401_44042_9799.N1	02-AUG-2010 22:05:16	Dark	50.500	7	19Bet Ori	0.10000	14000.	101	44042	No
199	GOM_NL__2PRFIN20100802_221003_000000572091_00401_44042_9800.N1	02-AUG-2010 22:10:03	Dark	56.500	165	34Gam Eri	2.9500	3200.0	113	44042	No
200	GOM_NL__2PRFIN20100802_222452_000000452091_00402_44043_9808.N1	02-AUG-2010 22:24:52	Dark	45.000	9	Alp Eri	0.45300	24000.	90	44043	No
201	GOM_NL__2PRFIN20100802_222947_000000532091_00402_44043_9809.N1	02-AUG-2010 22:29:47	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	44043	No
202	GOM_NL__2PRFIN20100802_223500_000000432091_00402_44043_9810.N1	02-AUG-2010 22:35:00	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	44043	No
203	GOM_NL__2PRFIN20100802_223808_000000432091_00402_44043_9811.N1	02-AUG-2010 22:38:08	Straylight	43.000	172	Gam Gru	3.0030	13100.	86	44043	No
204	GOM_NL__2PRFIN20100802_225347_000000382091_00402_44043_9812.N1	02-AUG-2010 22:53:47	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	44043	No
205	GOM_NL__2PRFIN20100802_230216_000000442091_00402_44043_9813.N1	02-AUG-2010 23:02:16	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	44043	No
206	GOM_NL__2PRFIN20100802_230419_000000392091_00402_44043_9814.N1	02-AUG-2010 23:04:19	Bright	38.500	144	18Del Cyg	2.8600	11000.	77	44043	No
207	GOM_NL__2PRFIN20100802_231050_000000412091_00402_44043_9815.N1	02-AUG-2010 23:10:50	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	44043	No
208	GOM_NL__2PRFIN20100802_232539_000000492091_00402_44043_9816.N1	02-AUG-2010 23:25:39	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	44043	No
209	GOM_NL__2PRFIN20100802_232721_000000502091_00402_44043_9817.N1	02-AUG-2010 23:27:21	Bright	50.000	35	33Alp Per	1.7950	6250.0	100	44043	No
210	GOM_NL__2PRFIN20100802_232930_000000442091_00402_44043_9818.N1	02-AUG-2010 23:29:30	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	44043	No
211	GOM_NL__2PRFIN20100802_233158_000000362091_00402_44043_9819.N1	02-AUG-2010 23:31:58	Bright	35.500	107	37The Aur	2.6490	11000.	71	44043	No
212	GOM_NL__2PRFIN20100802_233447_000000472091_00402_44043_9820.N1	02-AUG-2010 23:34:47	Bright	46.500	28	12Bet Tau	1.6500	15200.	93	44043	No
213	GOM_NL__2PRFIN20100802_233653_000000432091_00402_44043_9821.N1	02-AUG-2010 23:36:53	Tw_i_and_stray	43.000	176	23Zet Tau	3.0200	22000.	86	44043	No
214	GOM_NL__2PRFIN20100802_233928_000000592091_00402_44043_9822.N1	02-AUG-2010 23:39:28	Dark	58.500	13	87Alp Tau	0.86700	3800.0	117	44043	No
215	GOM_NL__2PRFIN20100802_234127_000000442091_00402_44043_9823.N1	02-AUG-2010 23:41:27	Dark	43.500	27	24Gam Ori	1.6360	26000.	87	44043	No
216	GOM_NL__2PRFIN20100802_234322_000000442091_00402_44043_9824.N1	02-AUG-2010 23:43:22	Dark	43.500	30	46Eps Ori	1.6940	30000.	87	44043	No
217	GOM_NL__2PRFIN20100802_234553_000000412091_00402_44043_9825.N1	02-AUG-2010 23:45:53	Dark	40.500	7	19Bet Ori	0.10000	14000.	81	44043	No
218	GOM_NL__2PRFIN20100802_235040_000000552091_00402_44043_9826.N1	02-AUG-2010 23:50:40	Dark	55.000	165	34Gam Eri	2.9500	3200.0	110	44043	No

3. Quality information per product

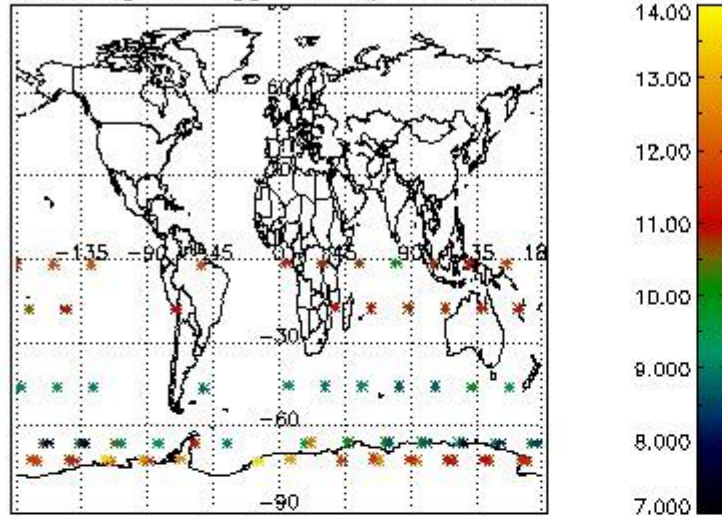
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

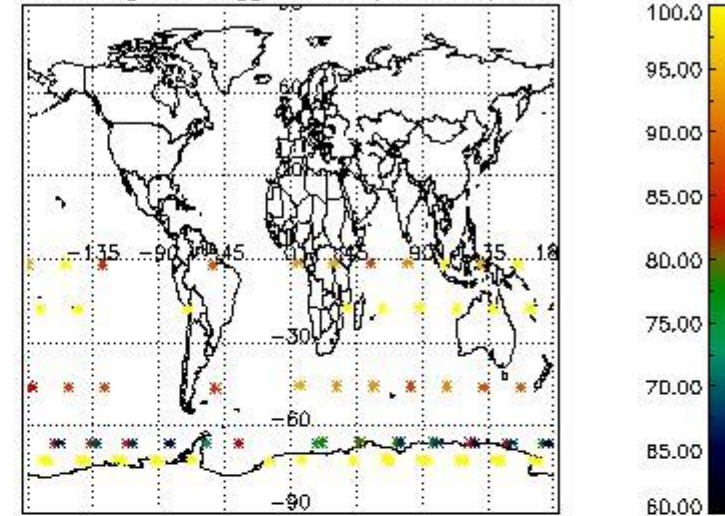


3.2 Plot quality information per product (world map)

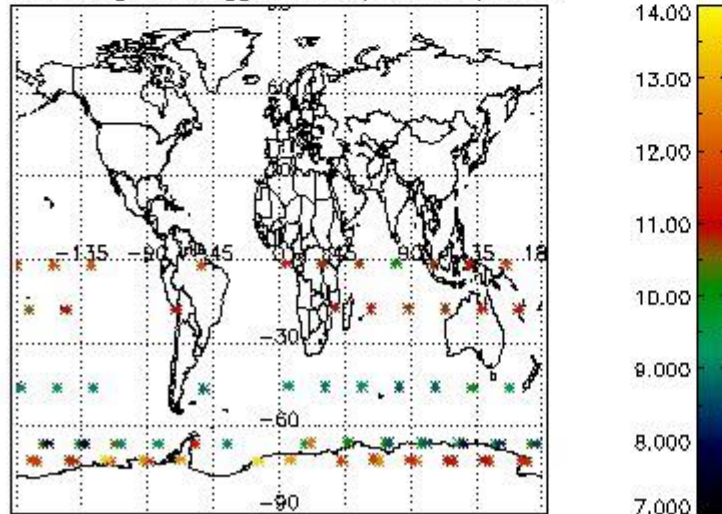
Percentage of flagged data per O3 profile



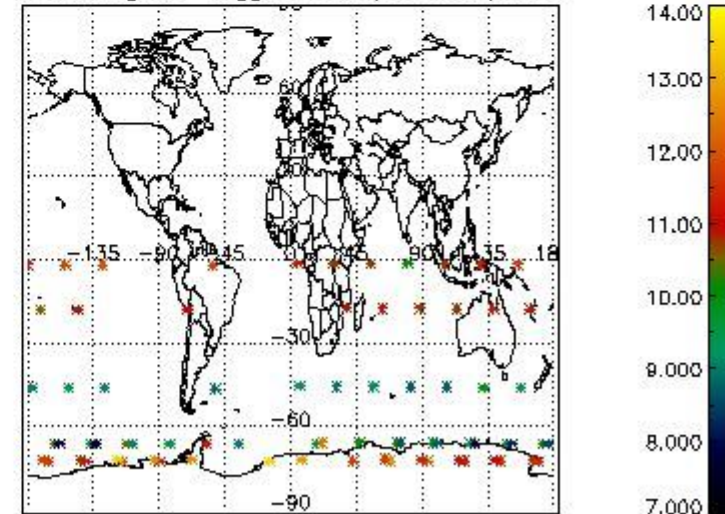
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

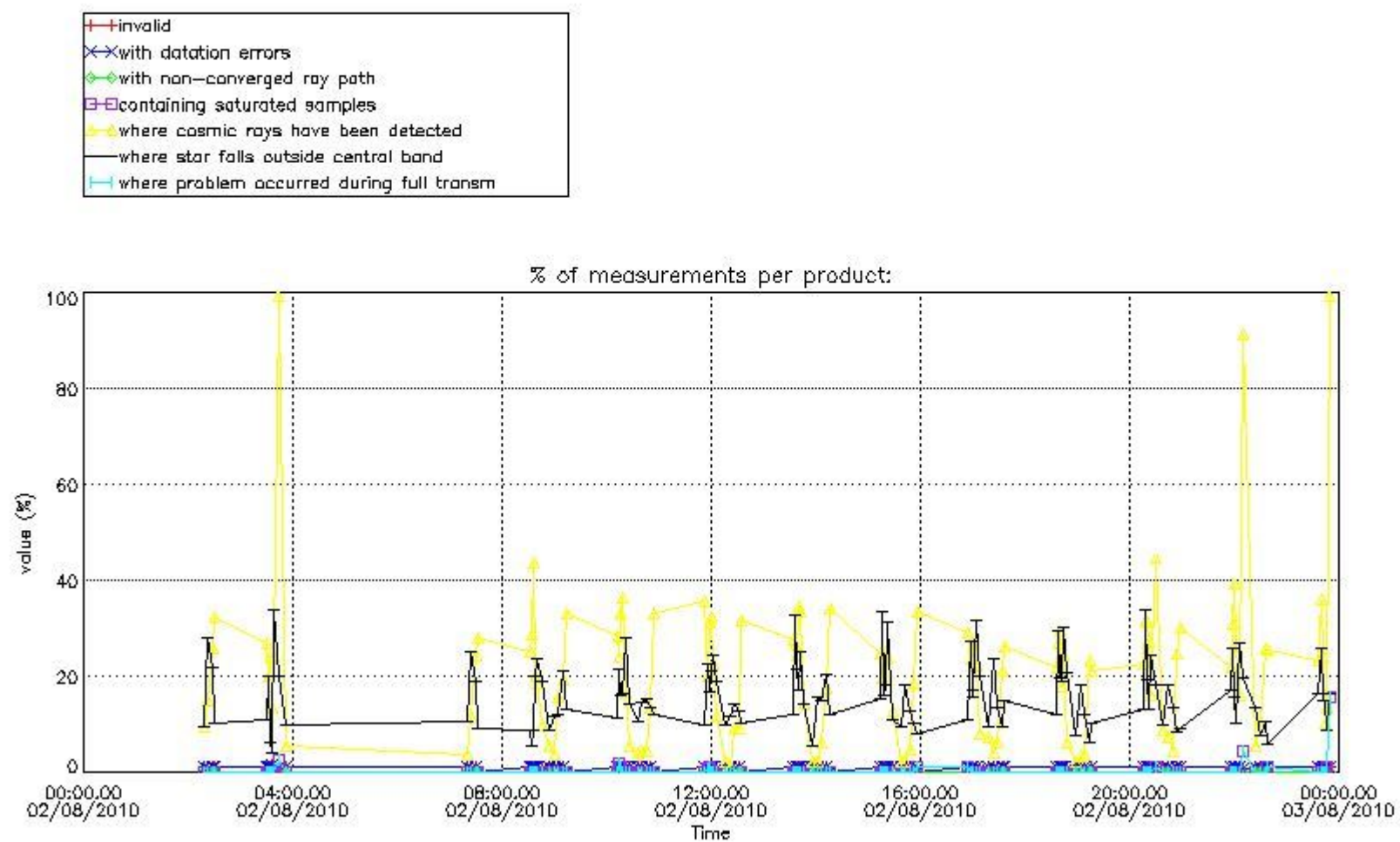


4. Level 1 quality information per product

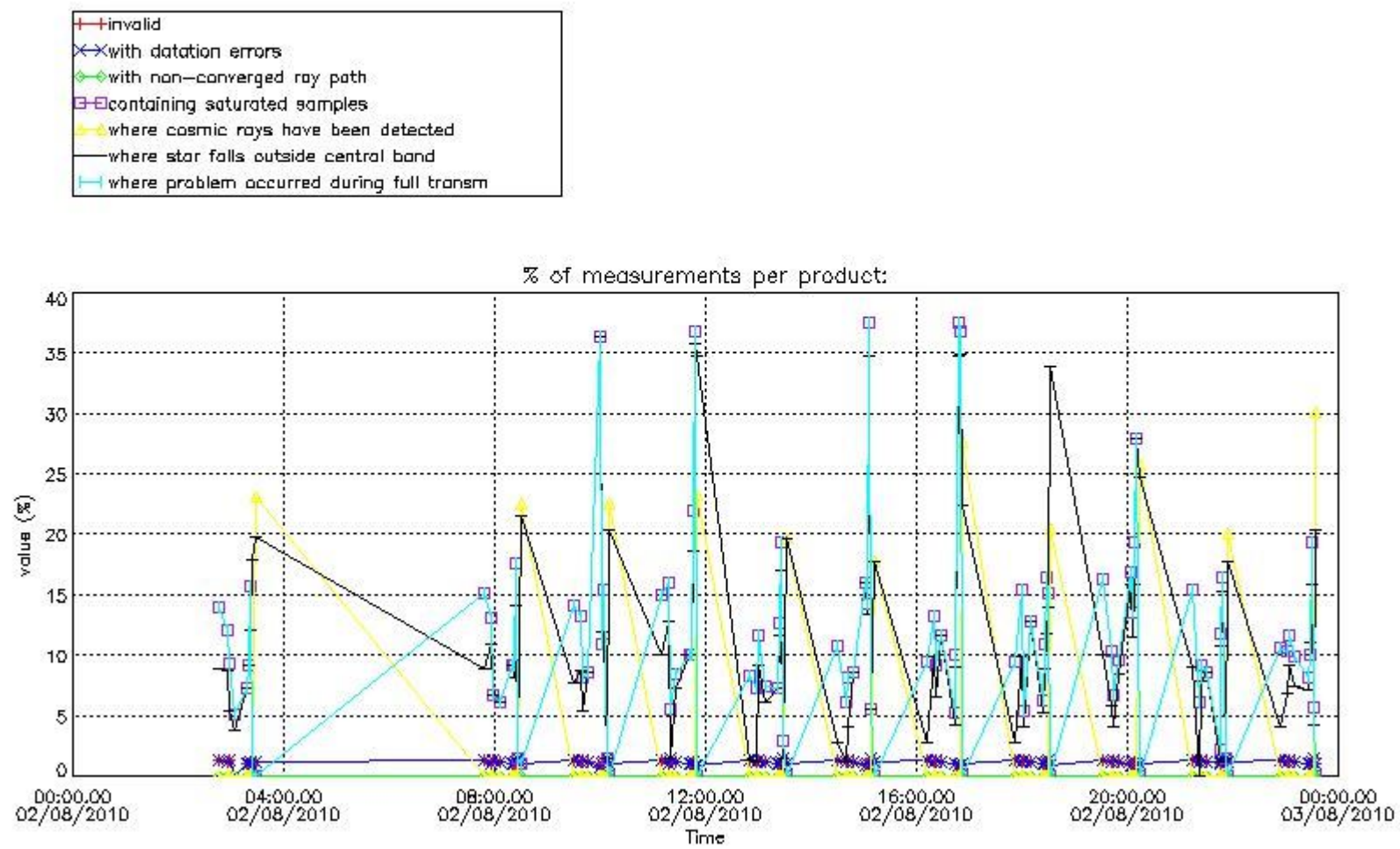
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



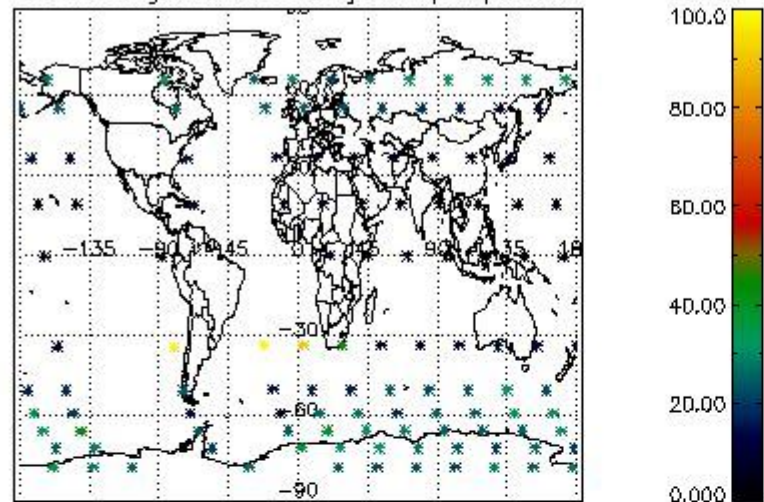
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



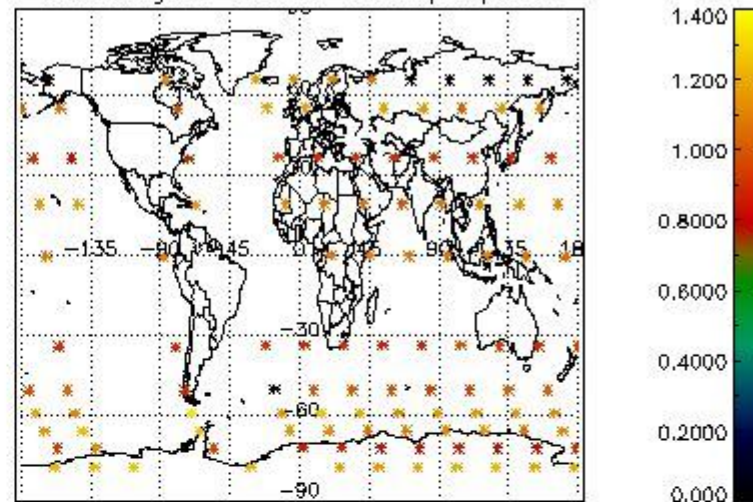
4.2 Plot quality information per product coming from level 1b processing (world map)

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

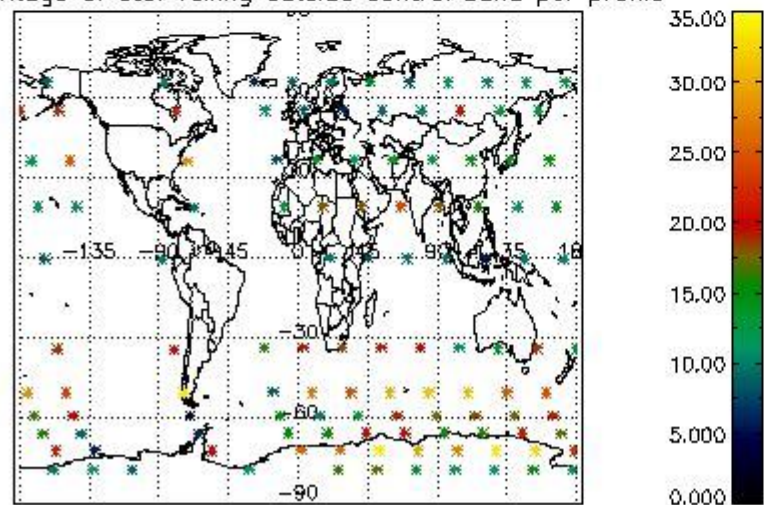
Percentage of cosmic ray hits per profile



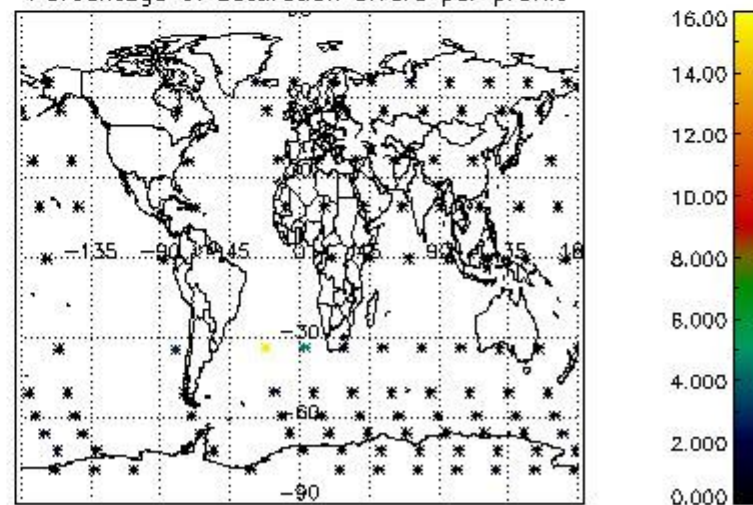
Percentage of datation errors per profile



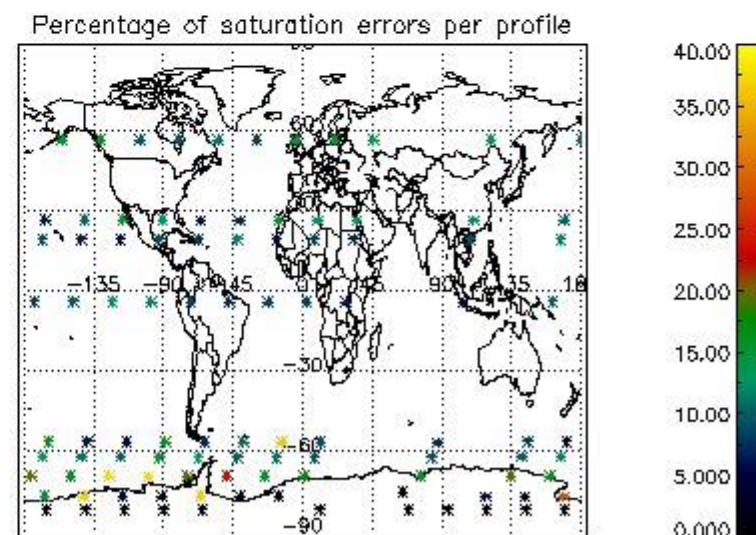
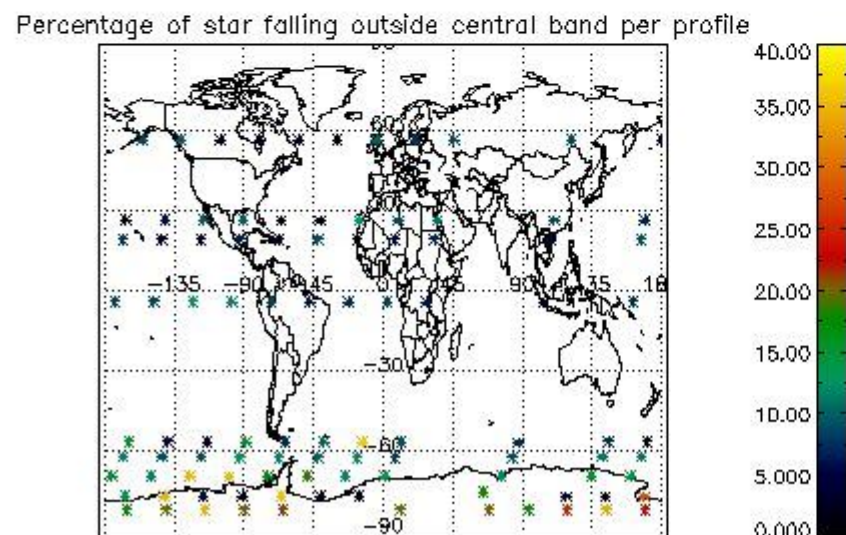
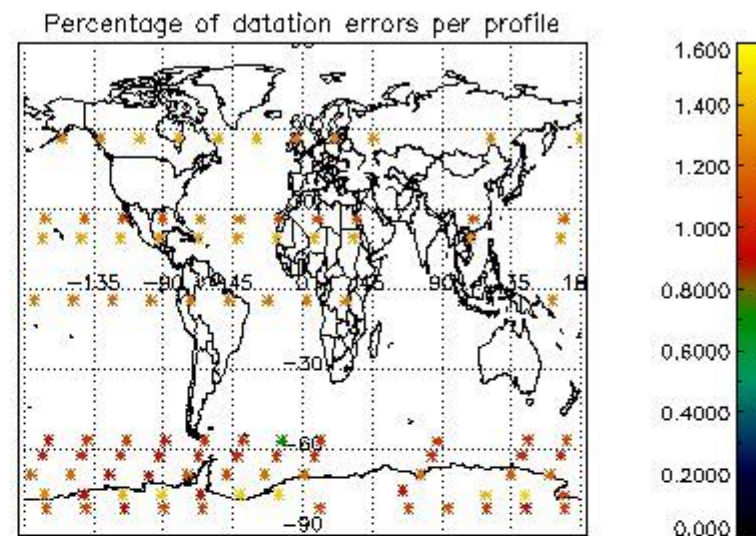
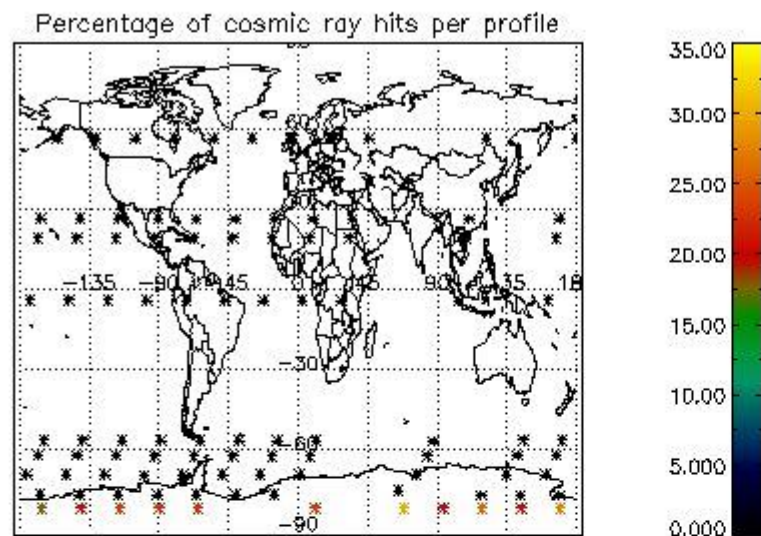
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

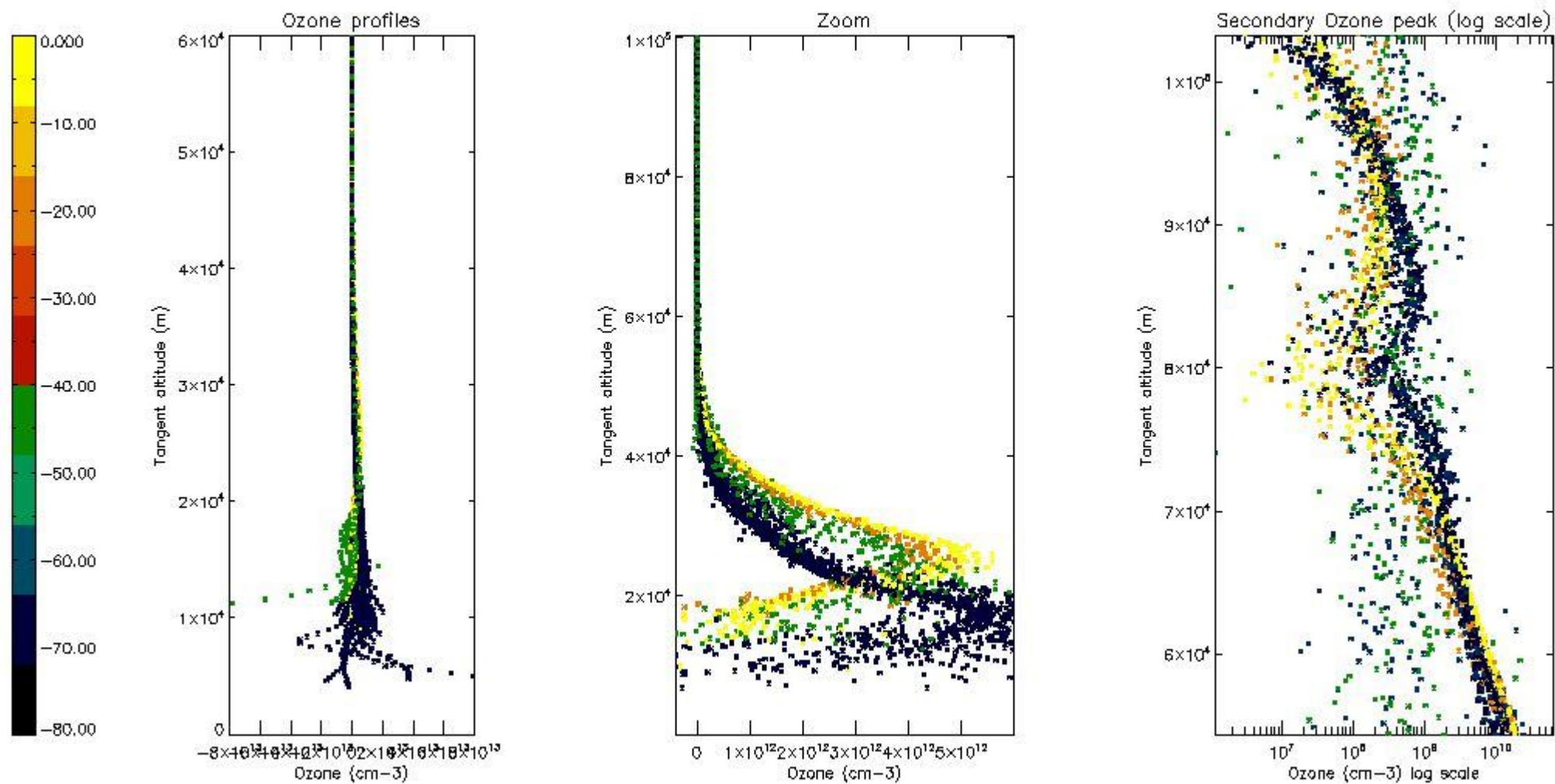
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	20

STD < 10	16
STD < 5	12

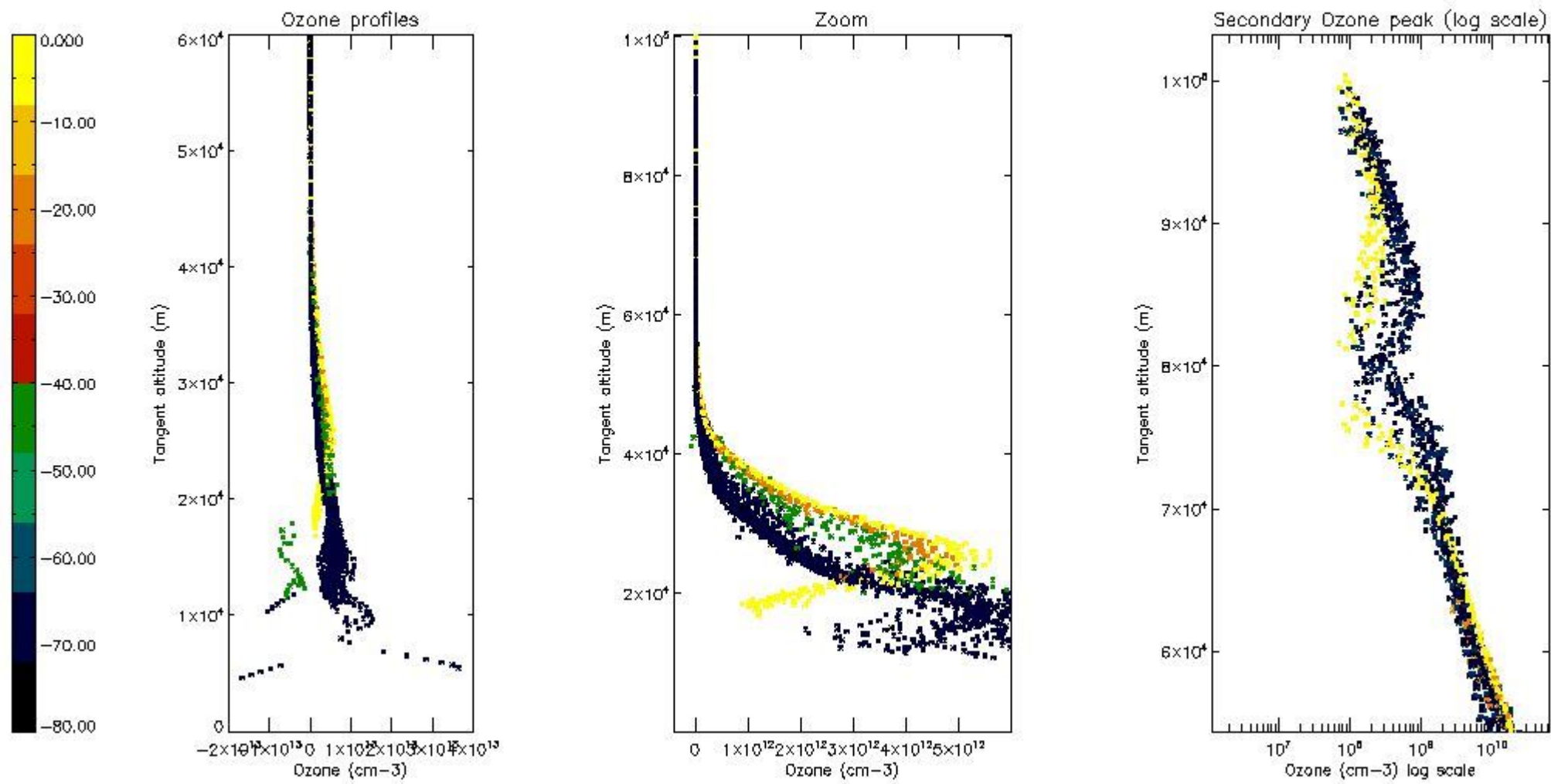
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



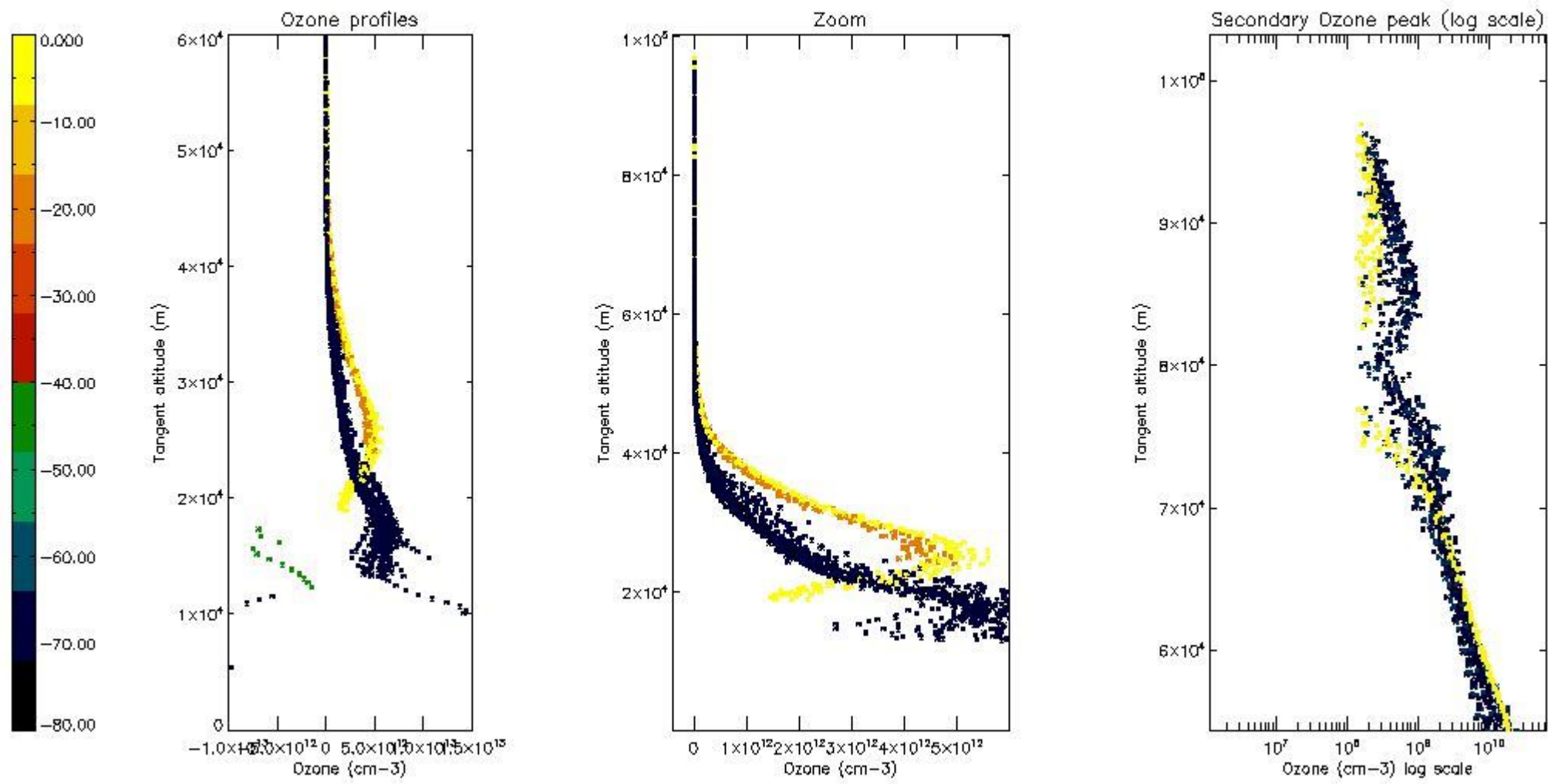
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



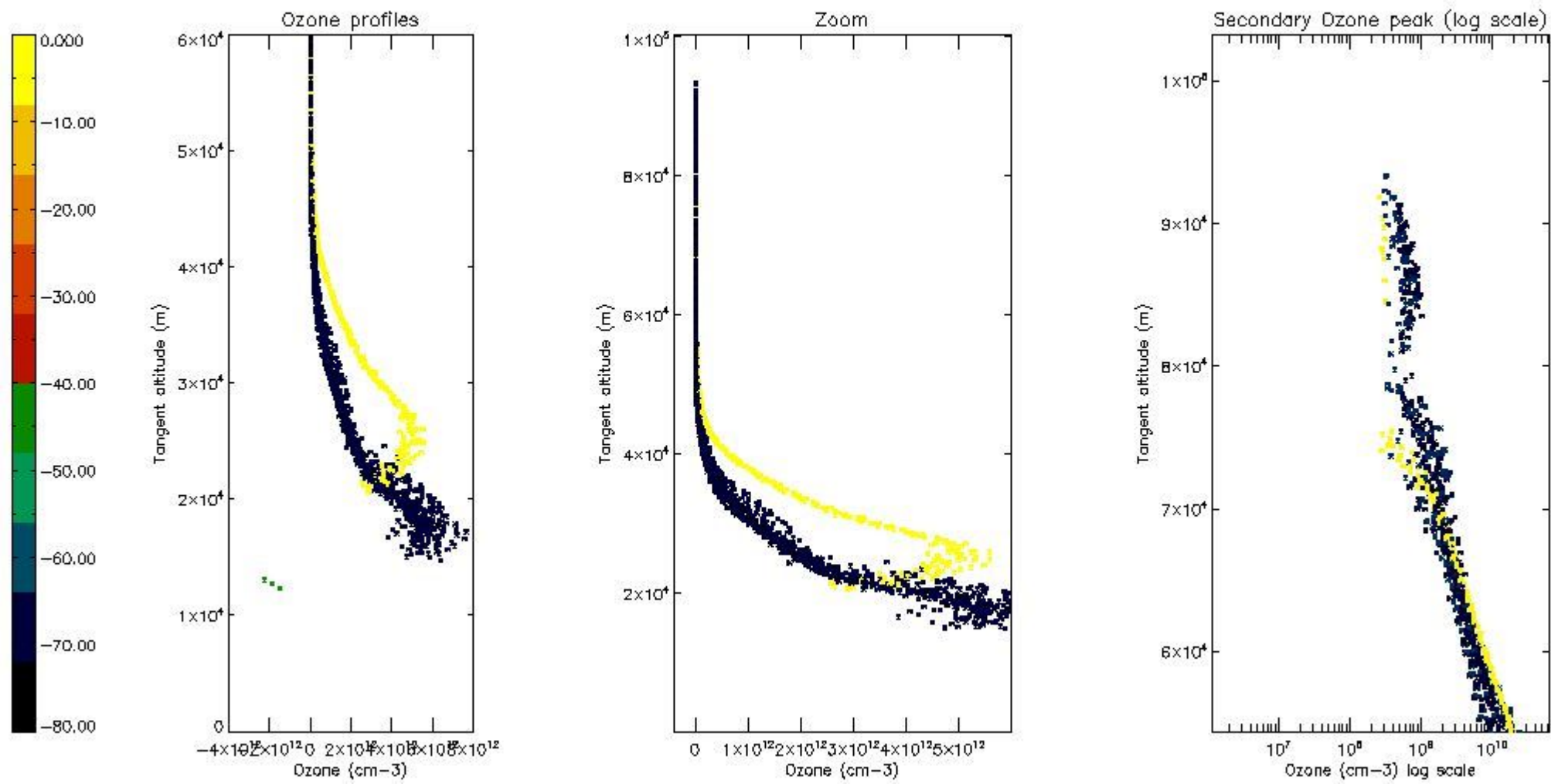
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



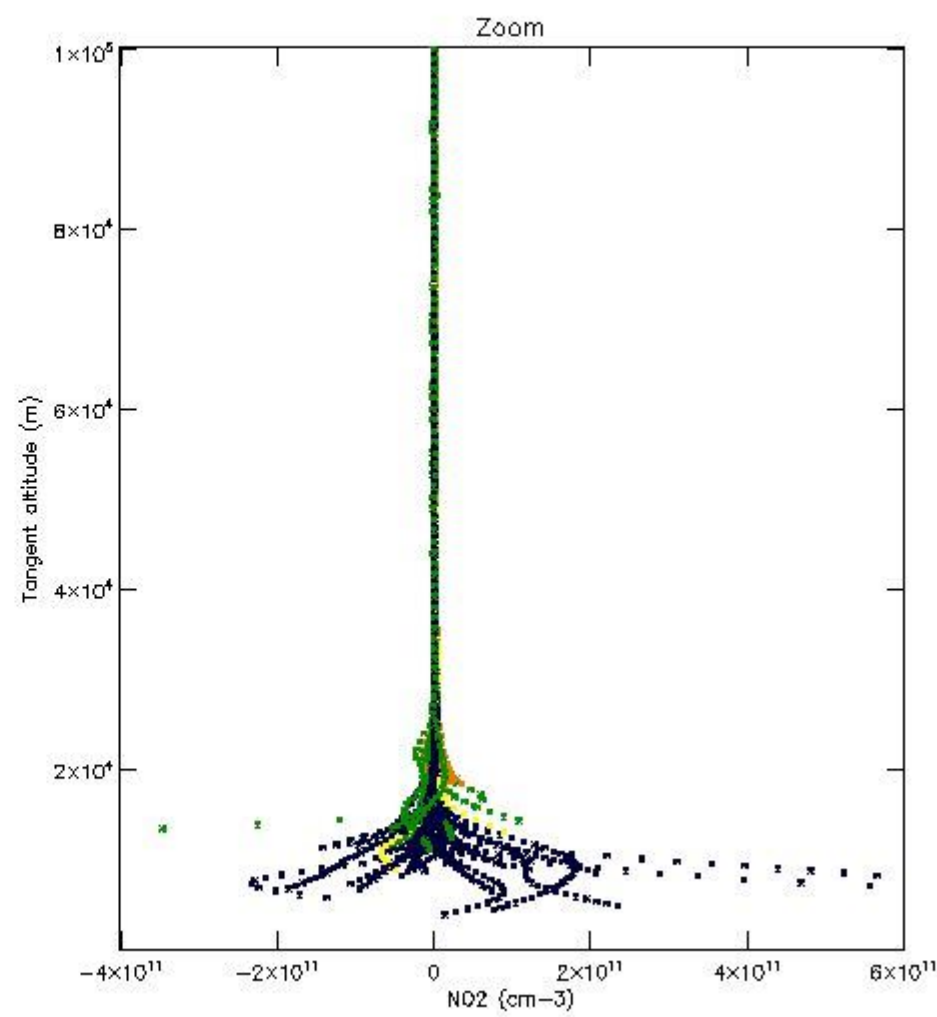
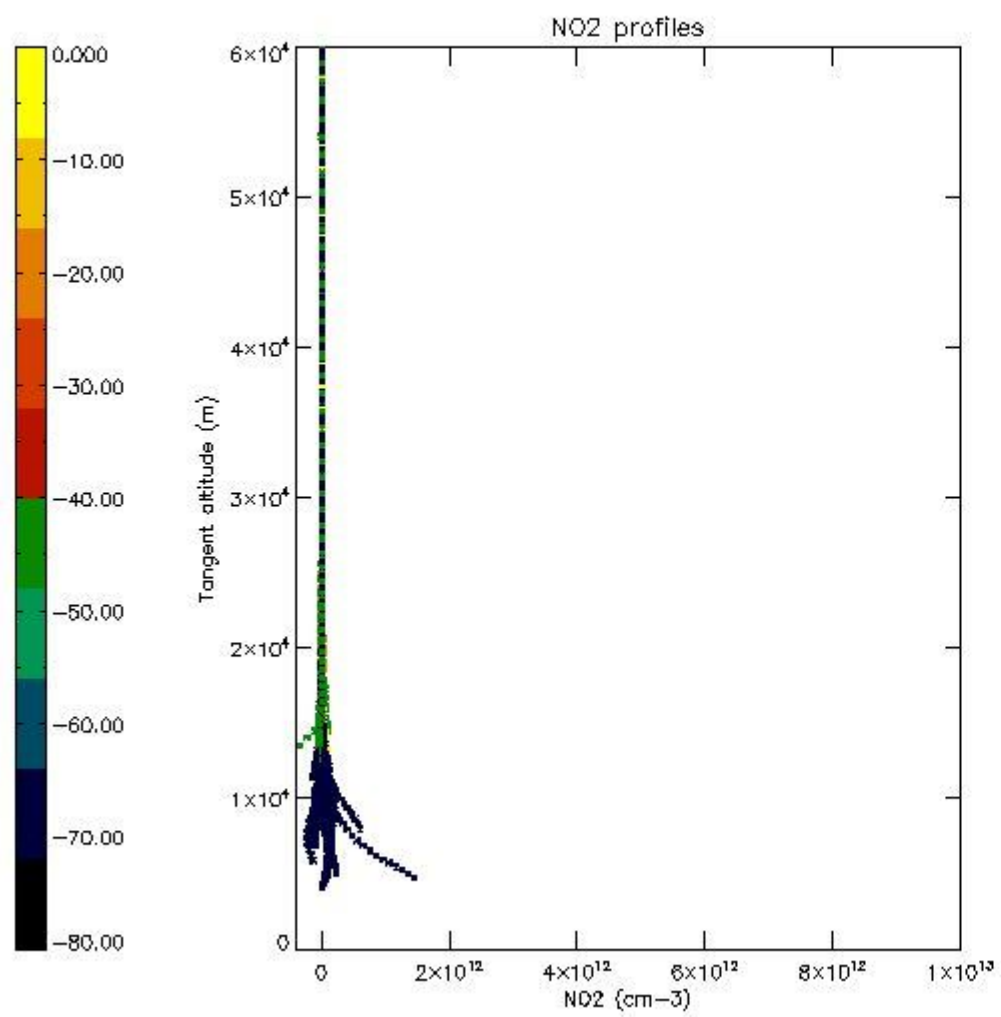
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



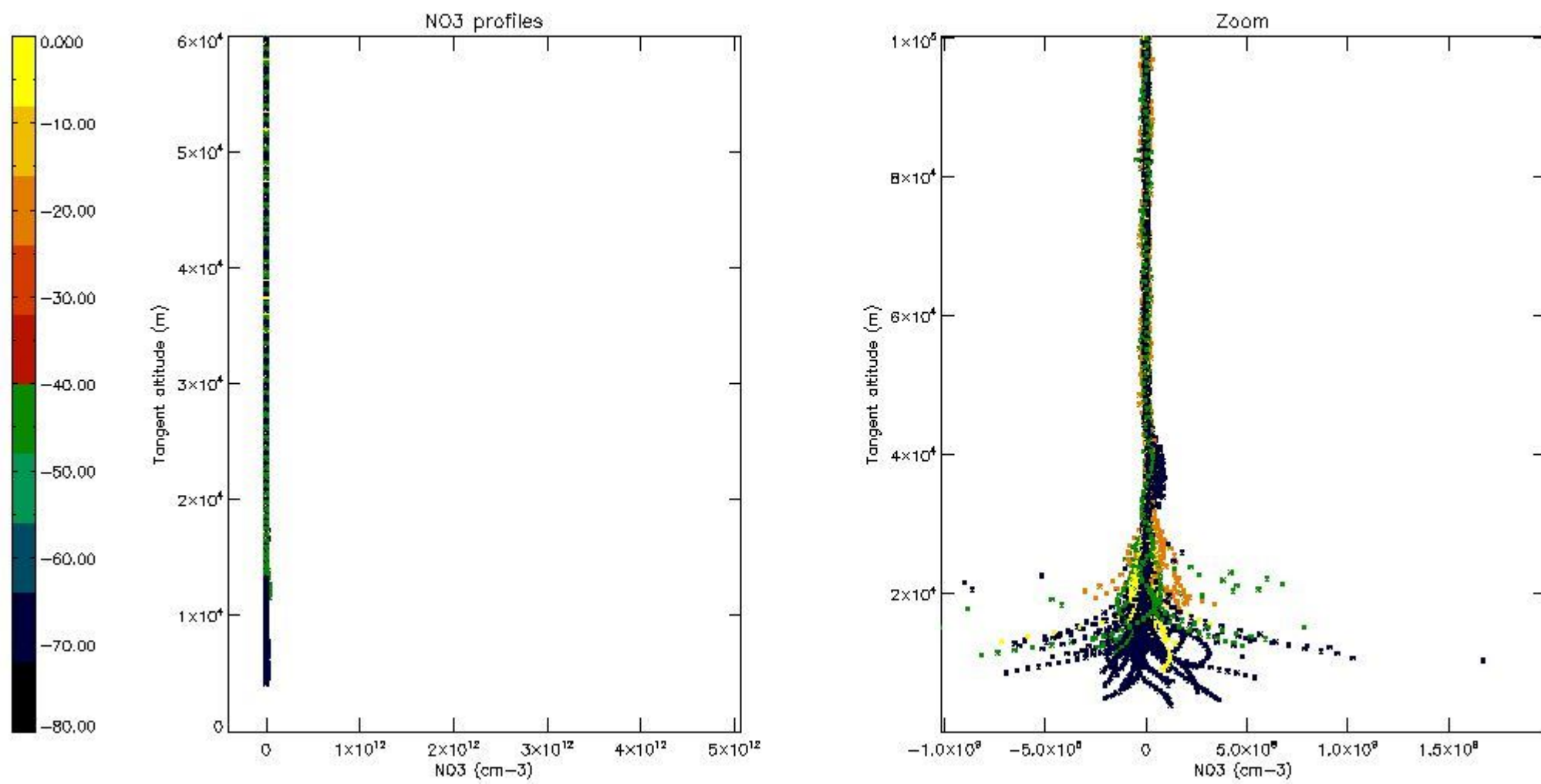
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



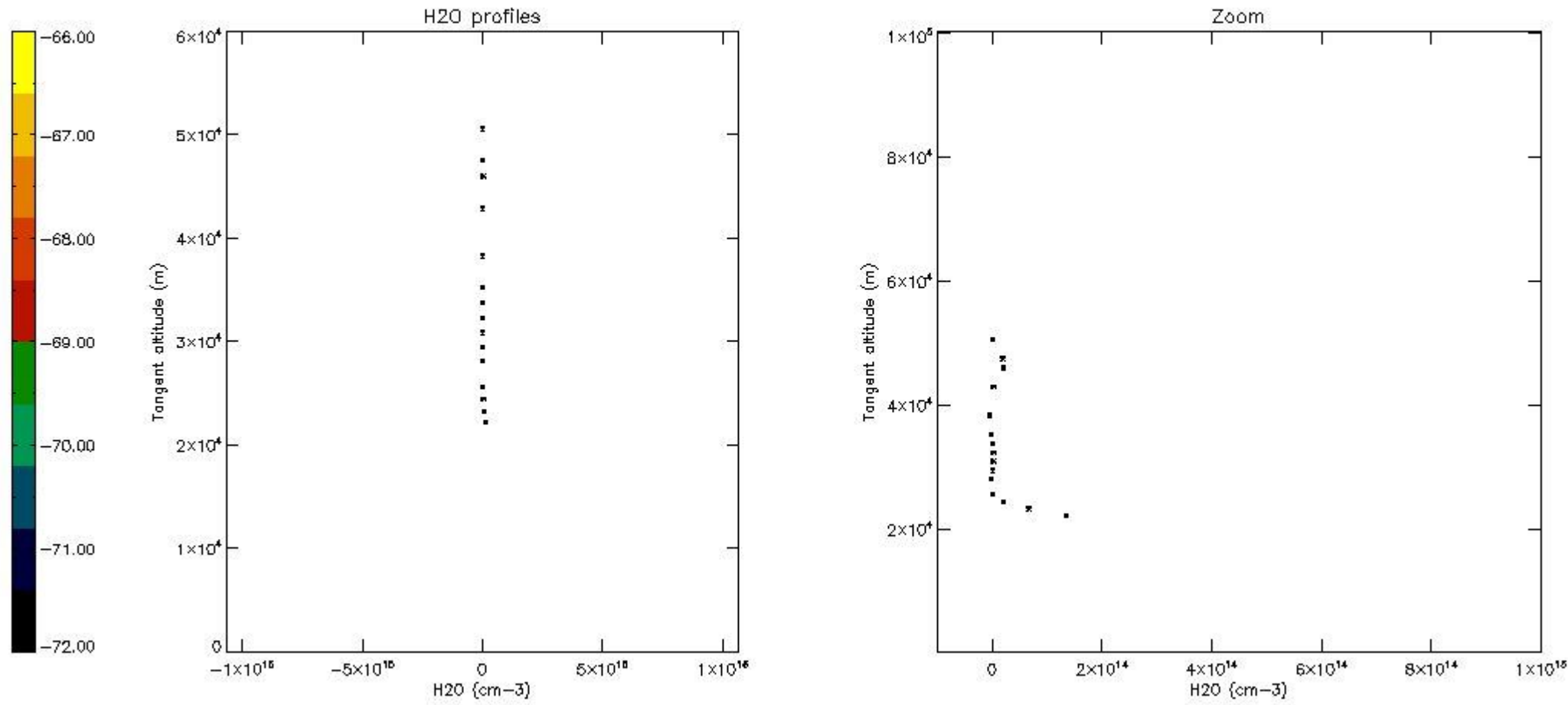
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

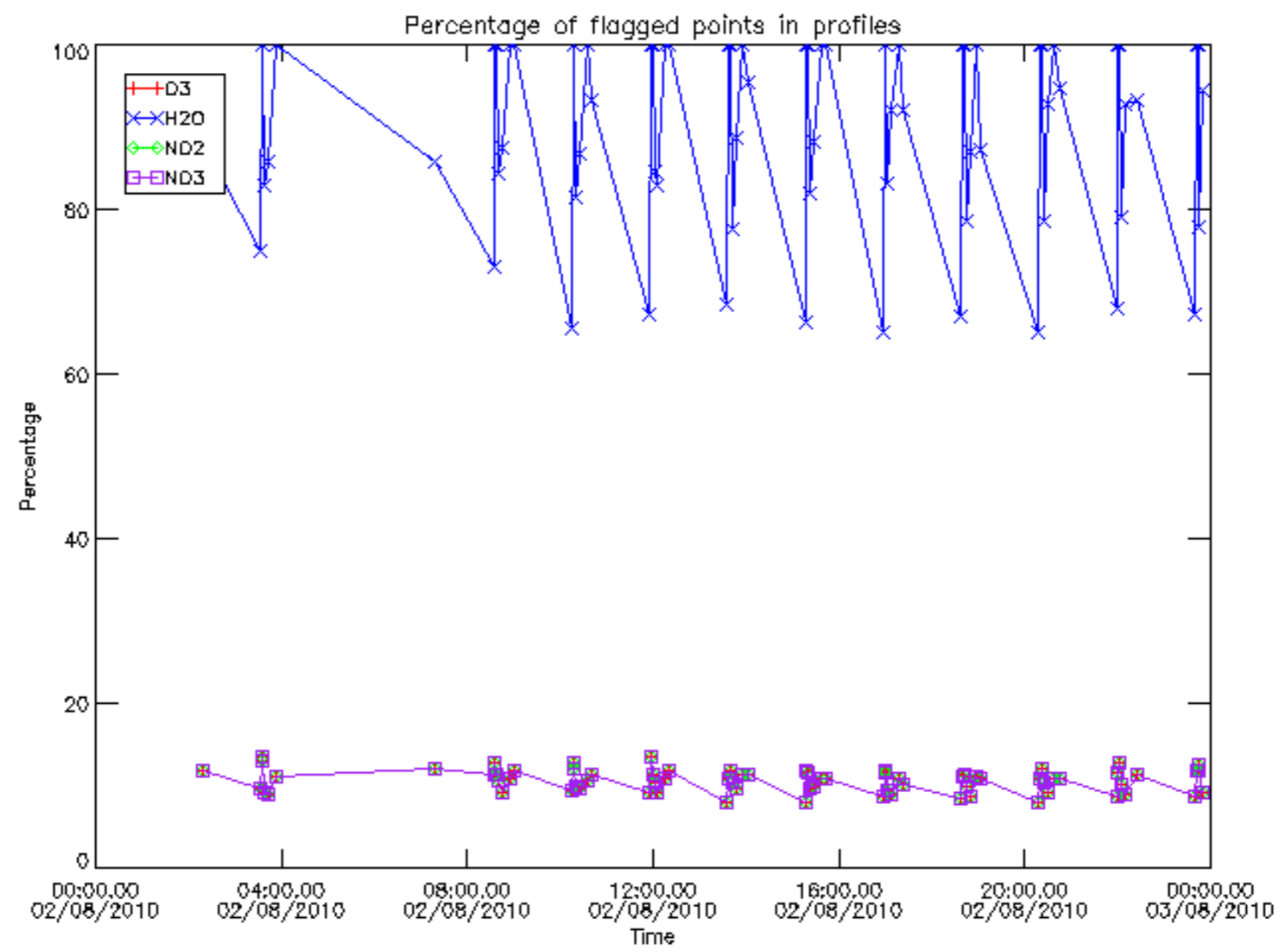
The colorbar represents the latitude.



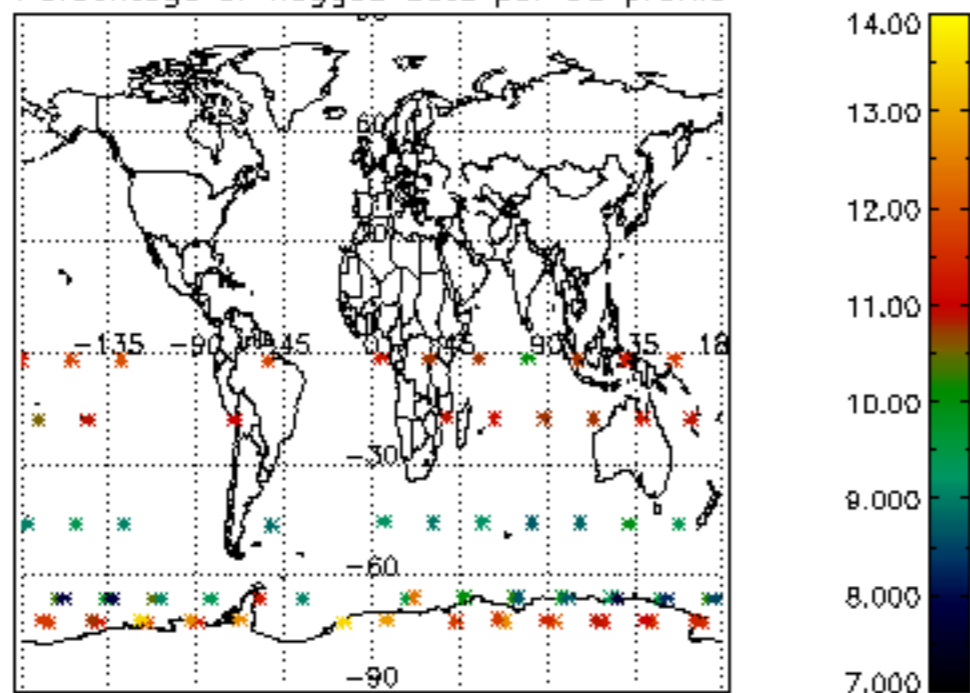
6. Auxiliary Data Files used for the production reported in section 2

The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

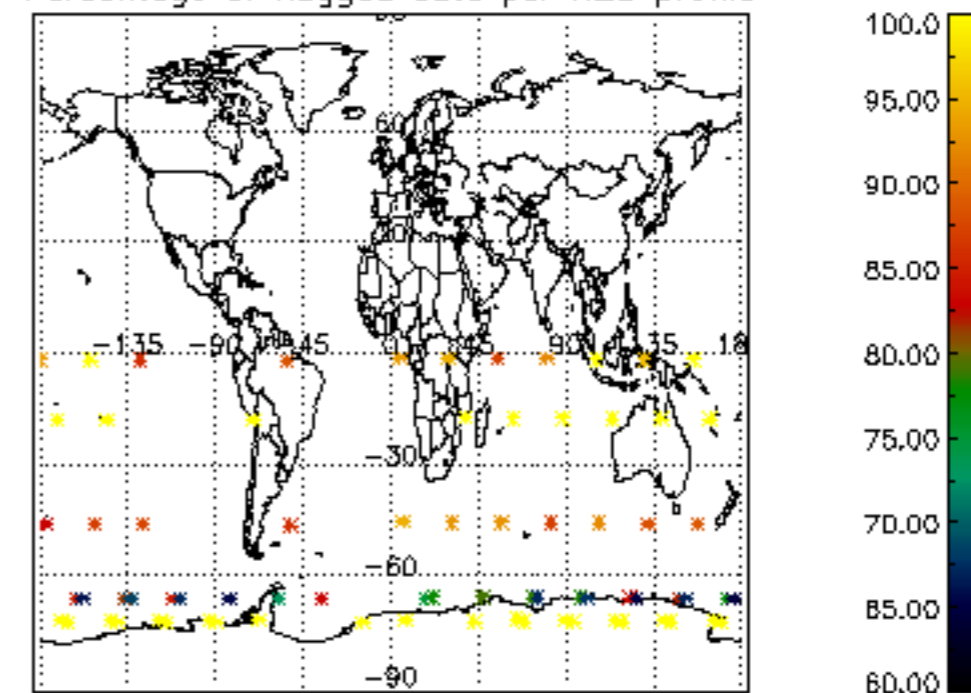
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	02-AUG-2010 02:17:32
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-AUG-2010 02:17:32
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-AUG-2010 02:17:32



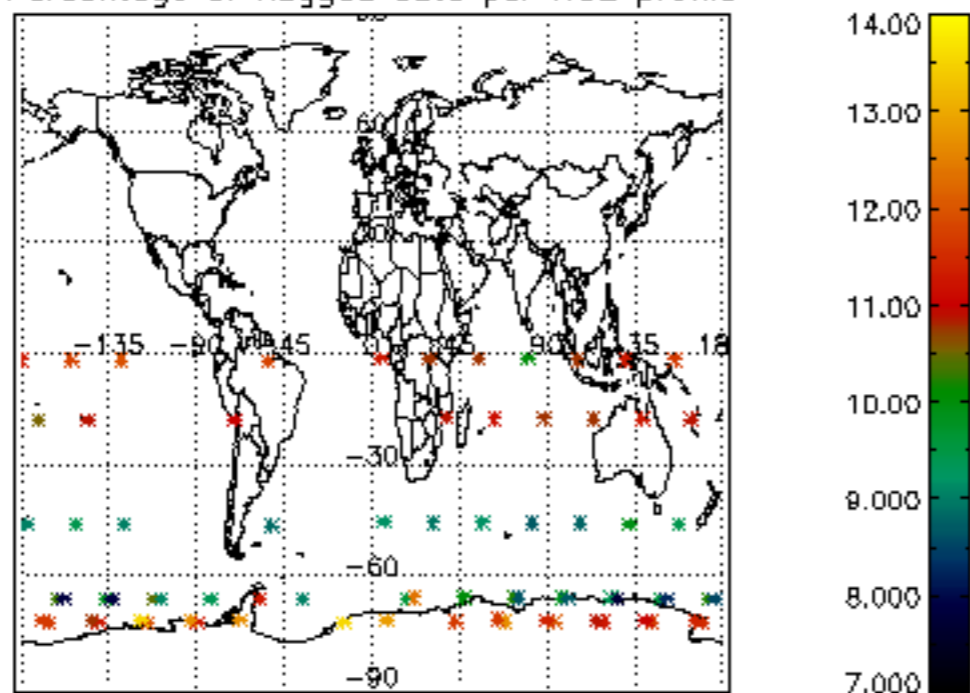
Percentage of flagged data per D3 profile



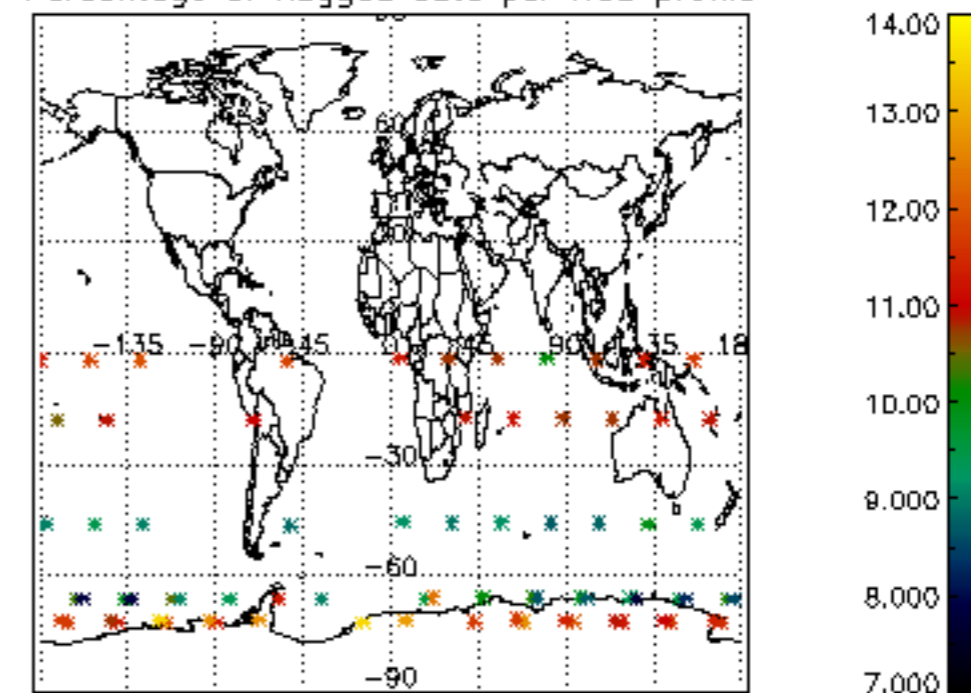
Percentage of flagged data per H2O profile

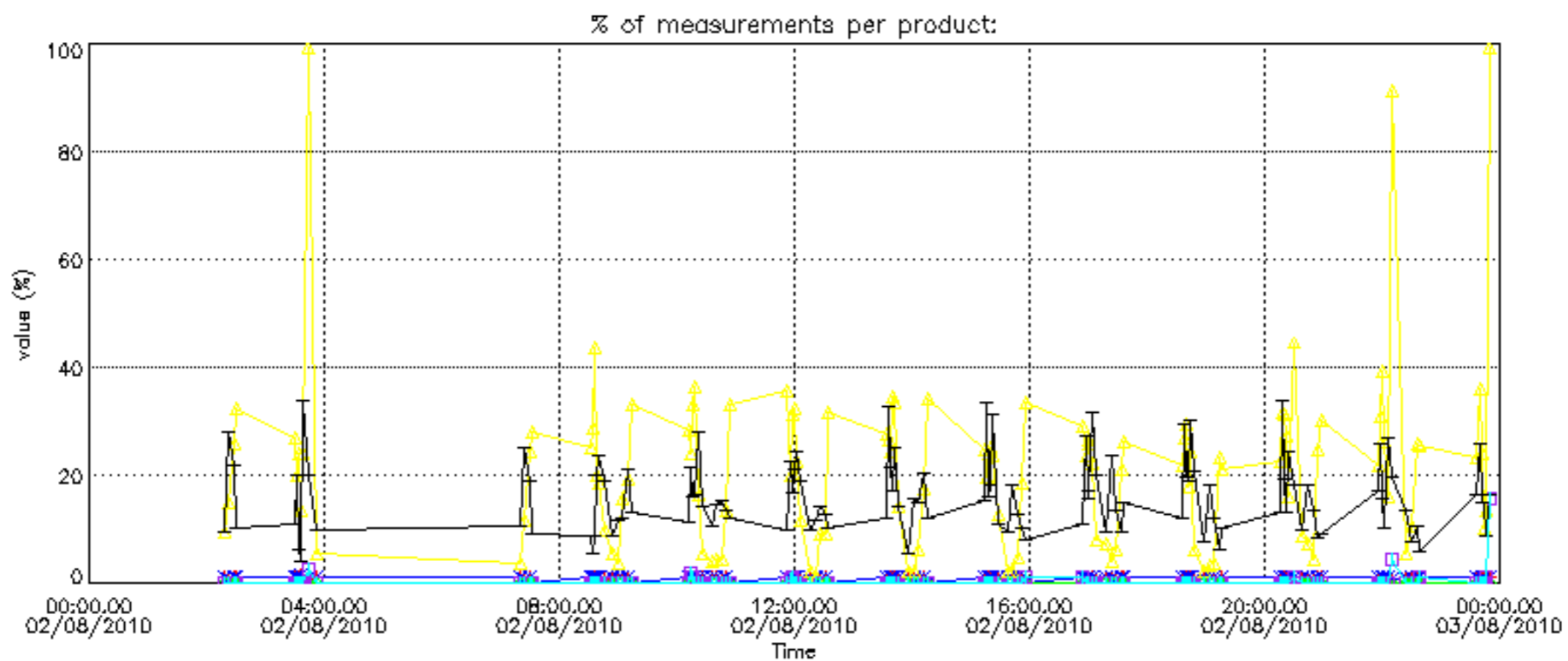
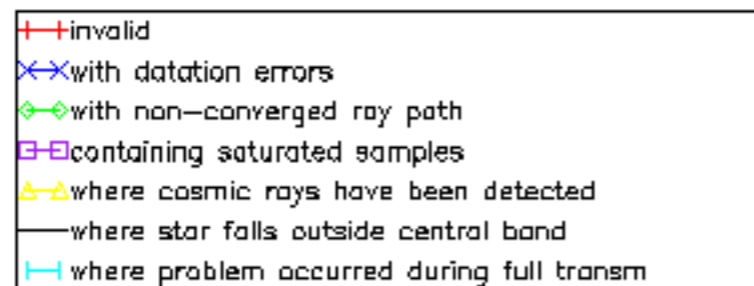


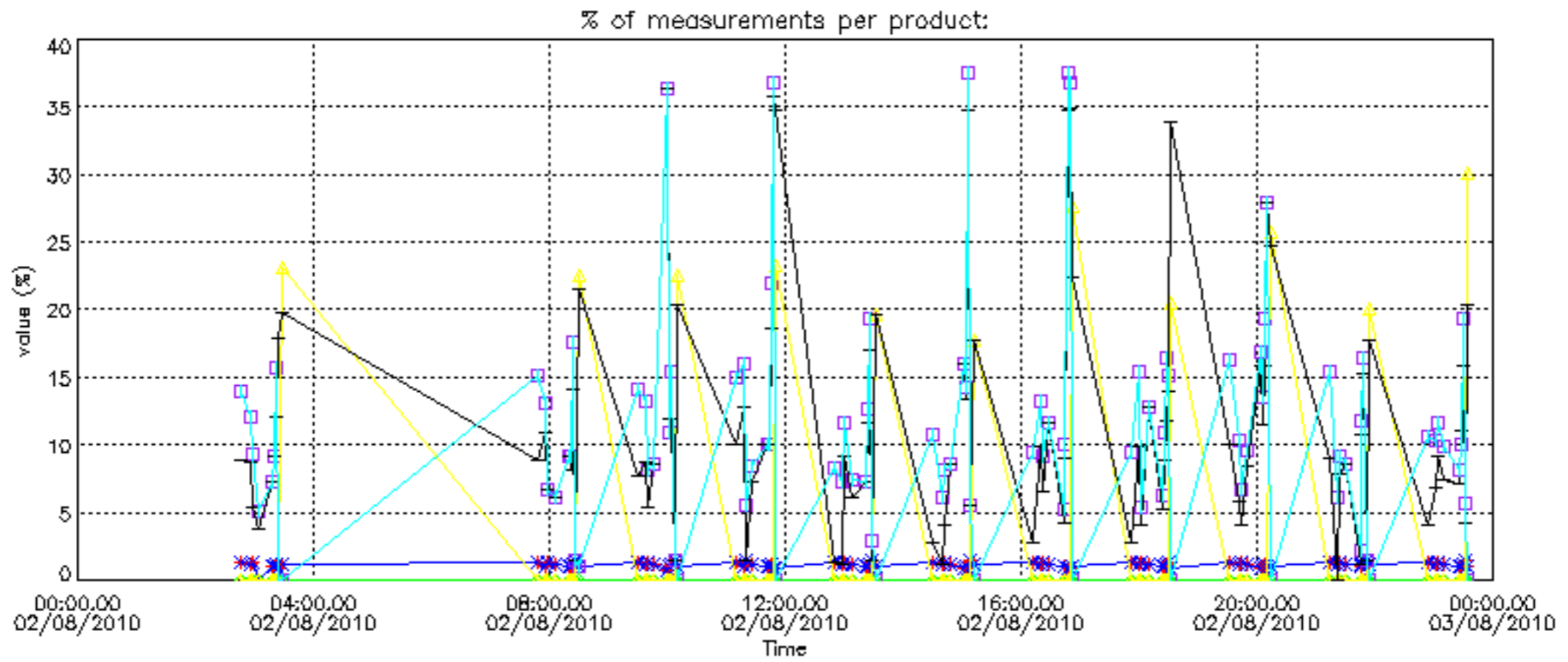
Percentage of flagged data per NO2 profile



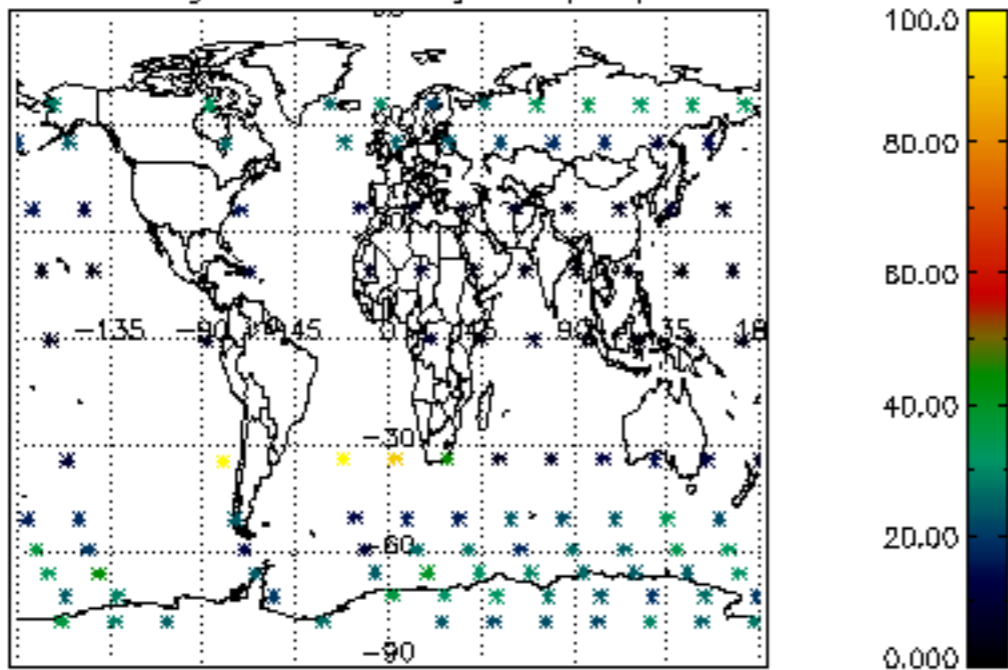
Percentage of flagged data per NO3 profile



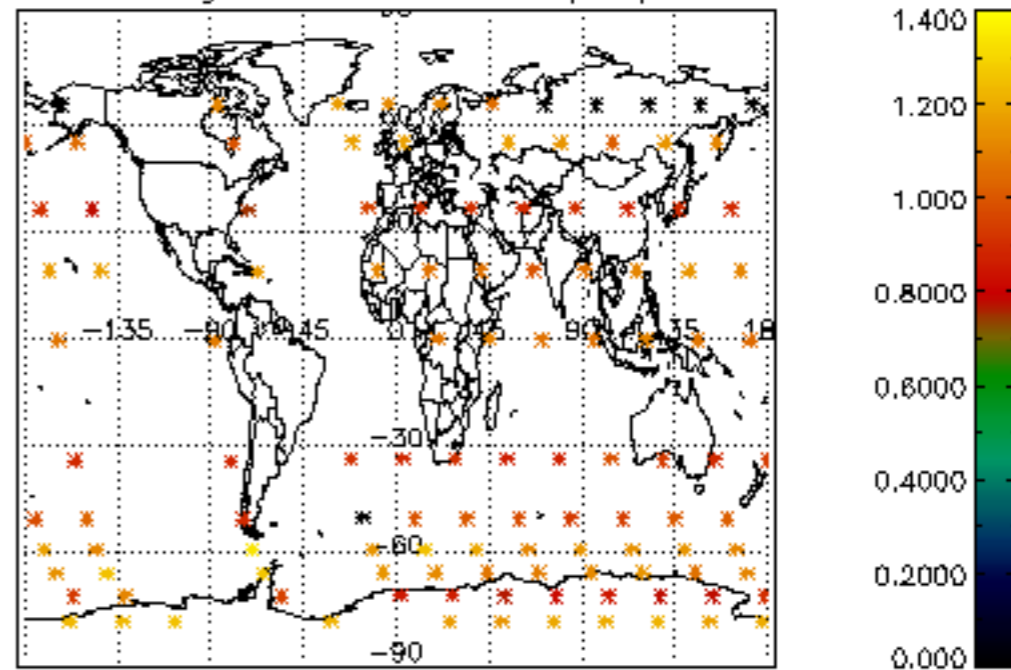




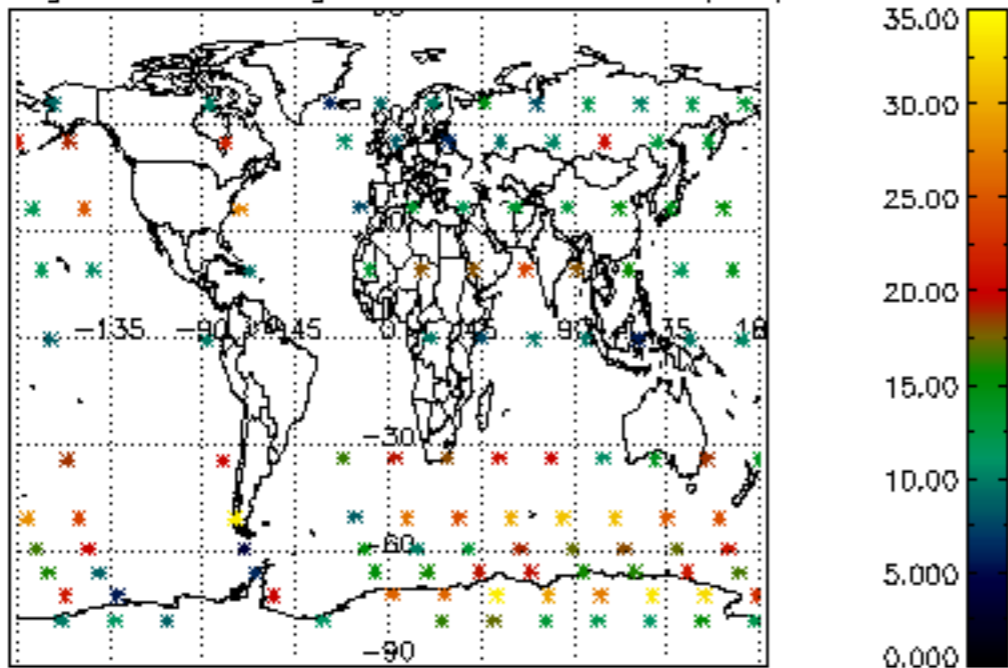
Percentage of cosmic ray hits per profile



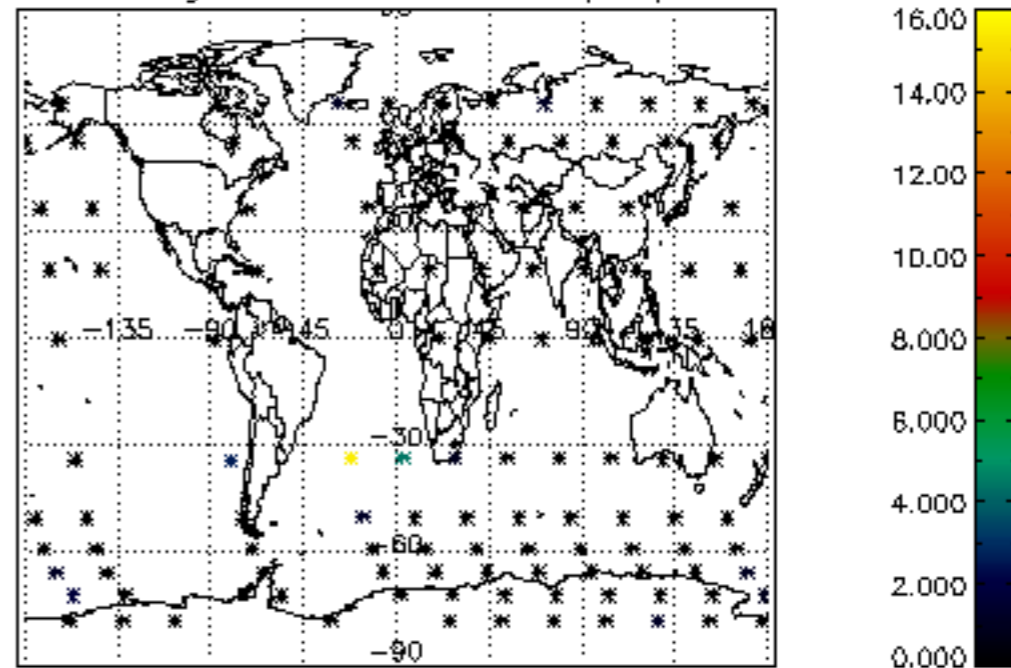
Percentage of datation errors per profile



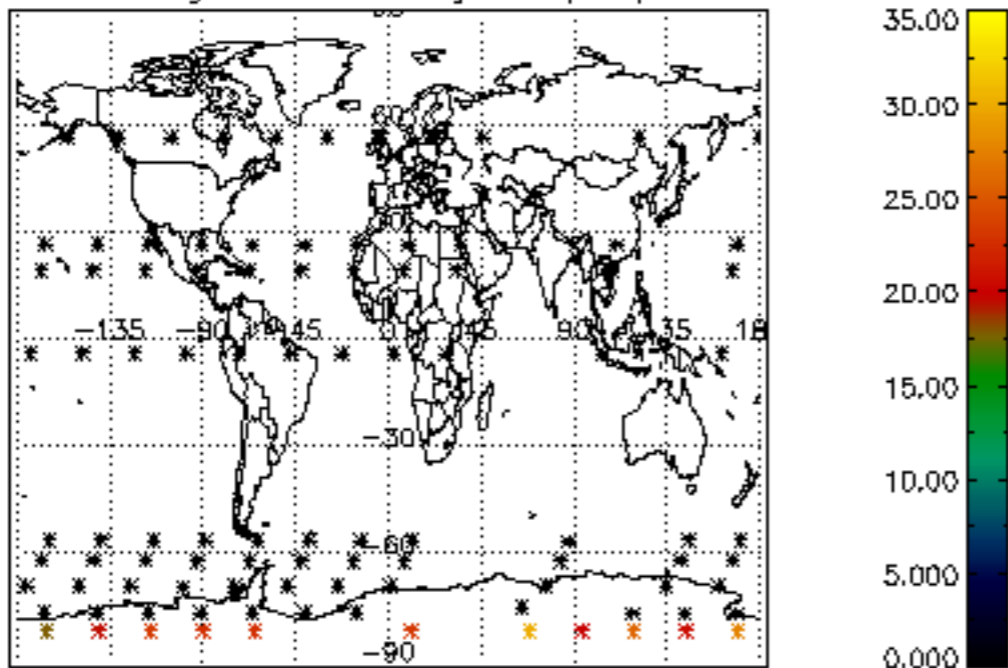
Percentage of star falling outside central band per profile



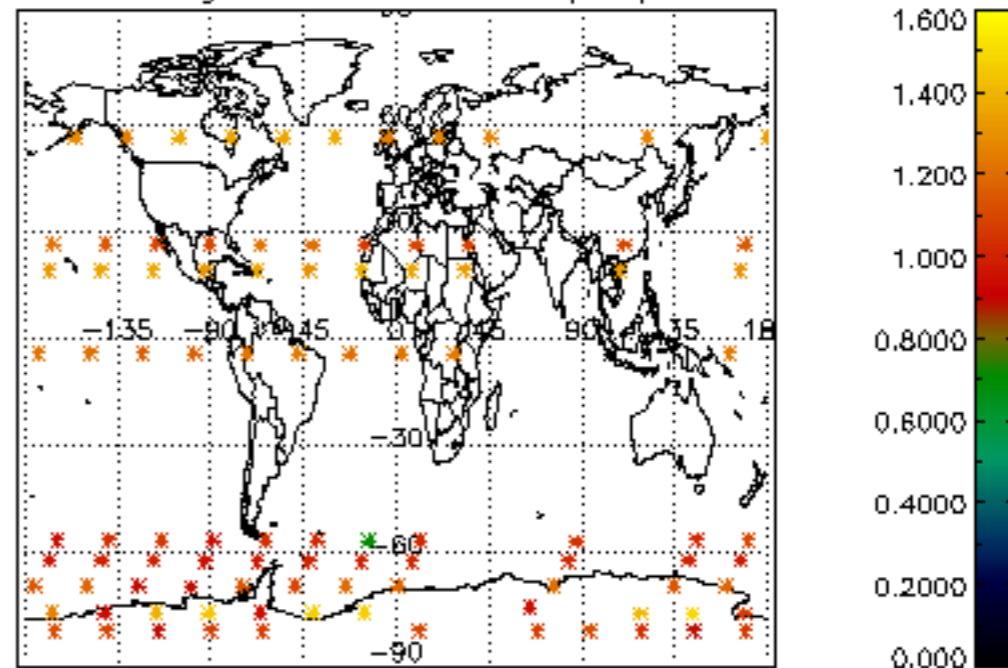
Percentage of saturation errors per profile



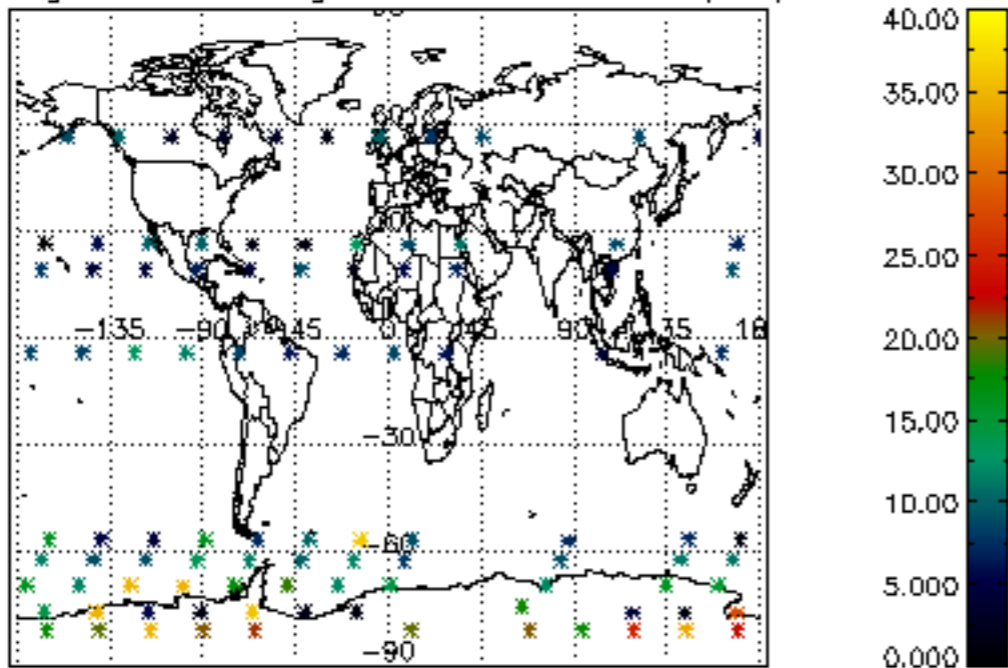
Percentage of cosmic ray hits per profile



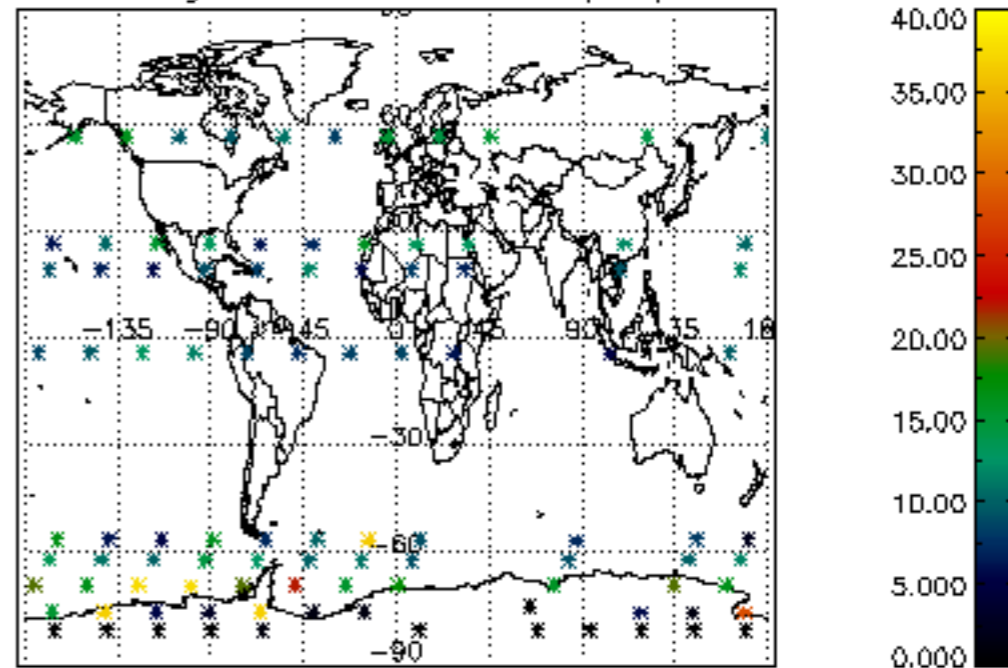
Percentage of datation errors per profile

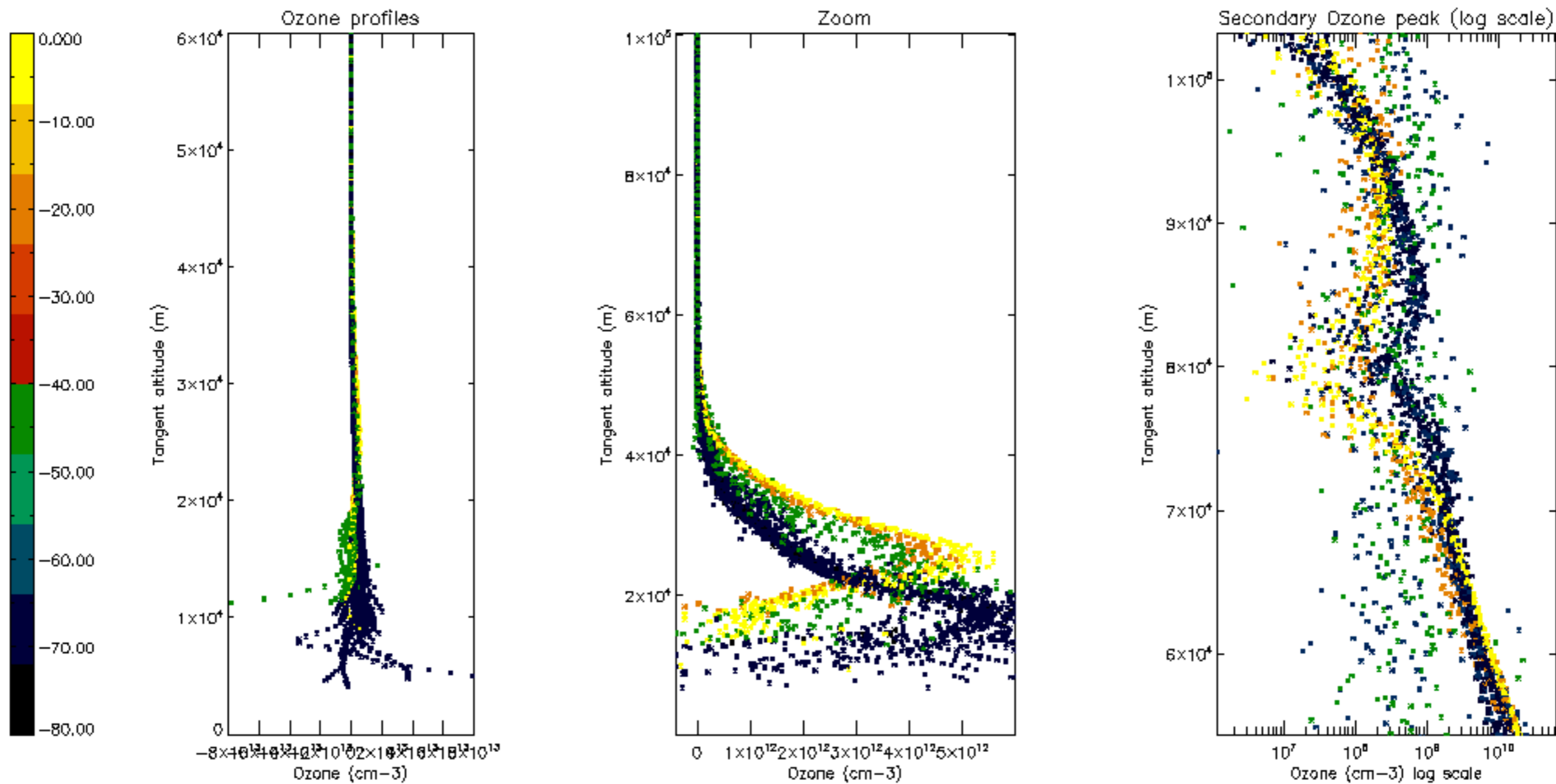


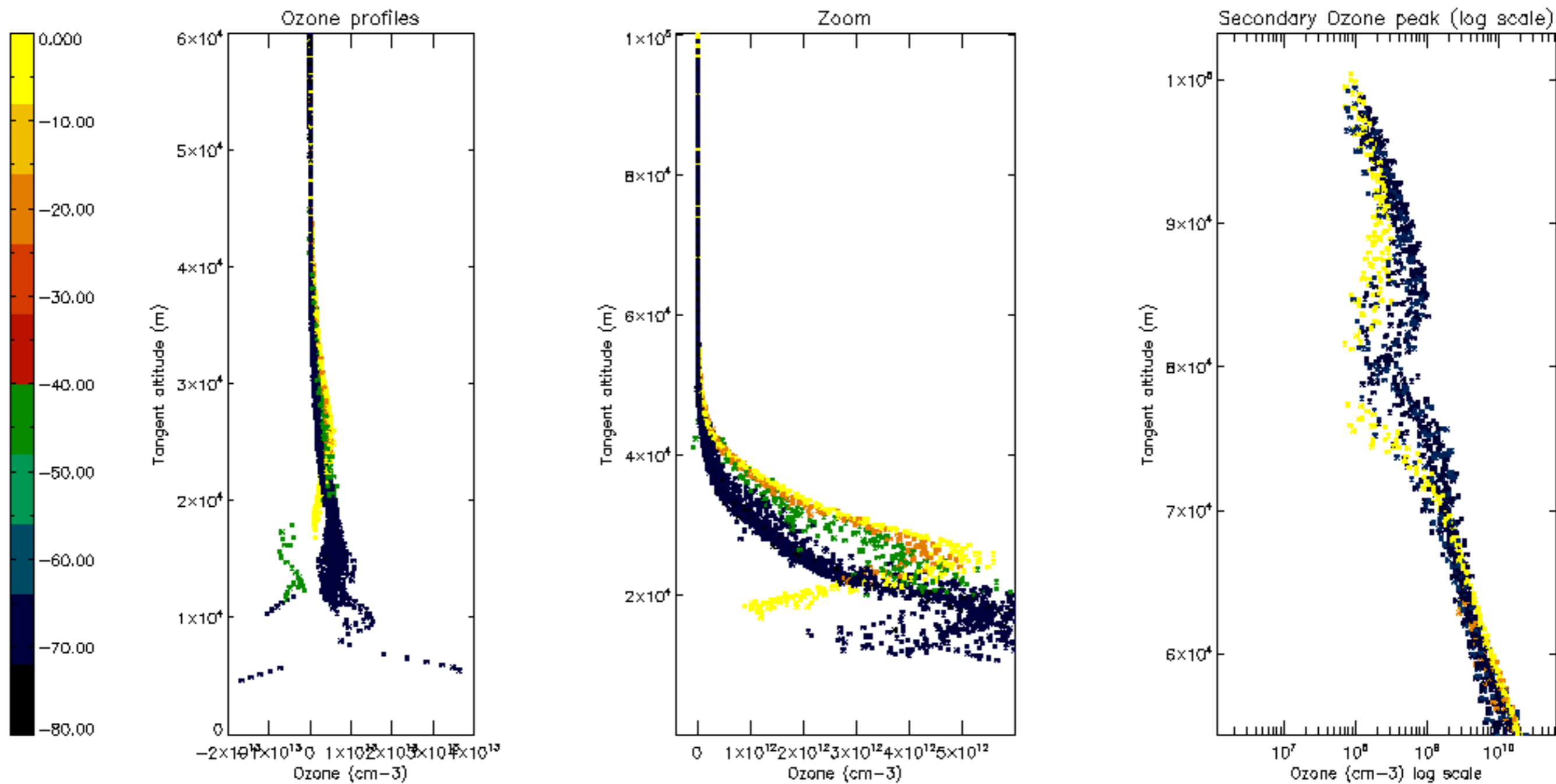
Percentage of star falling outside central band per profile

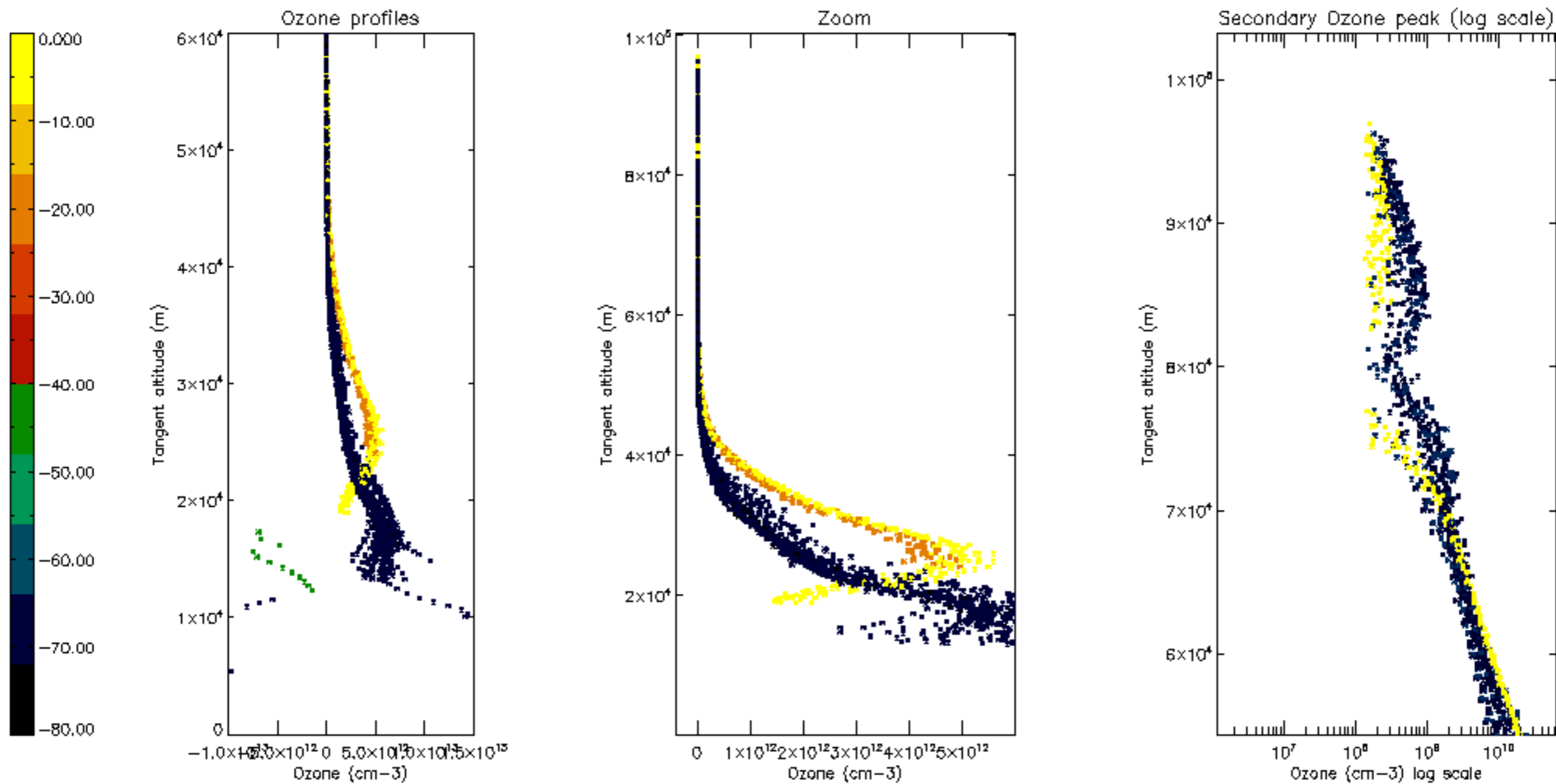


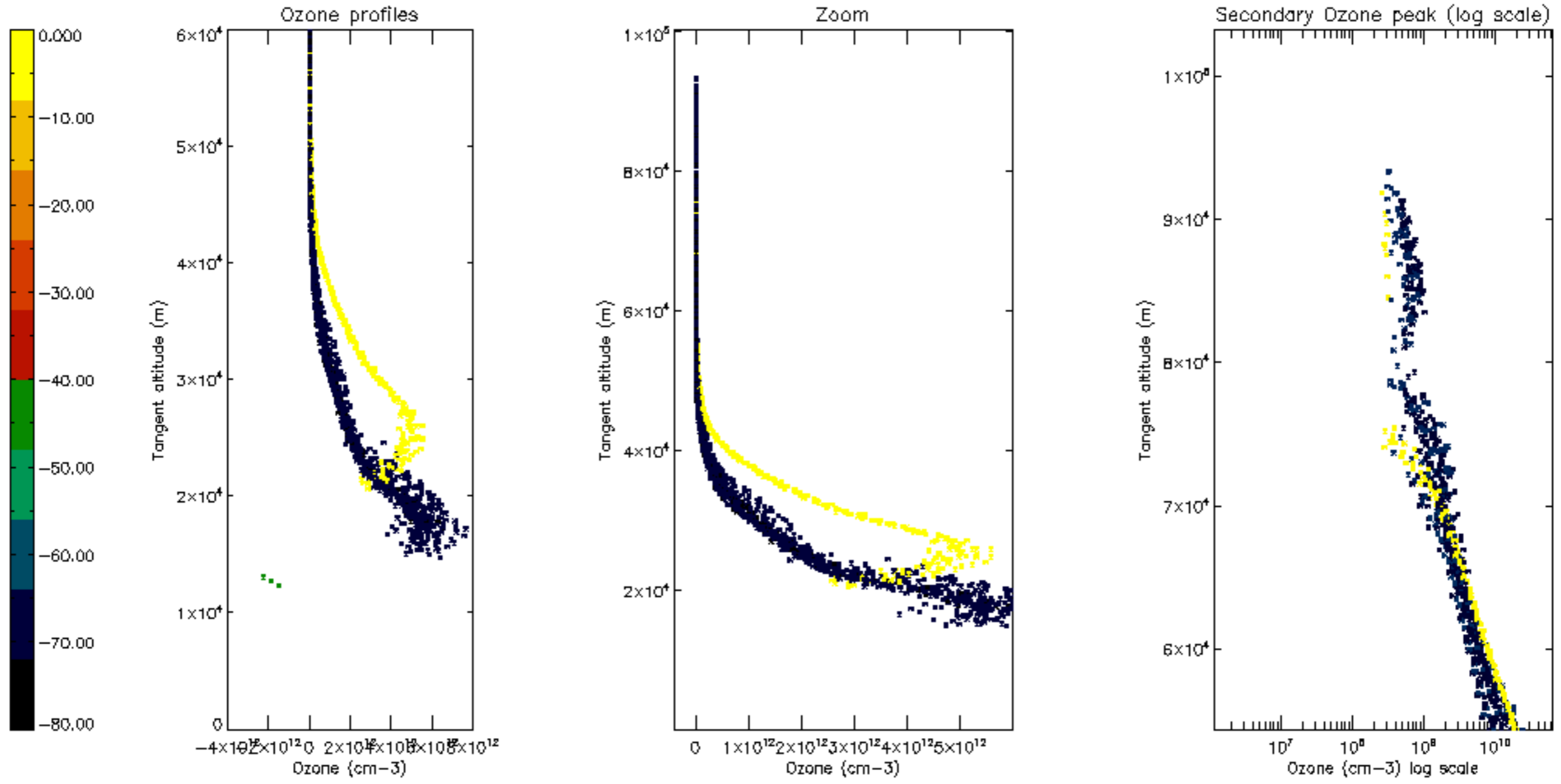
Percentage of saturation errors per profile

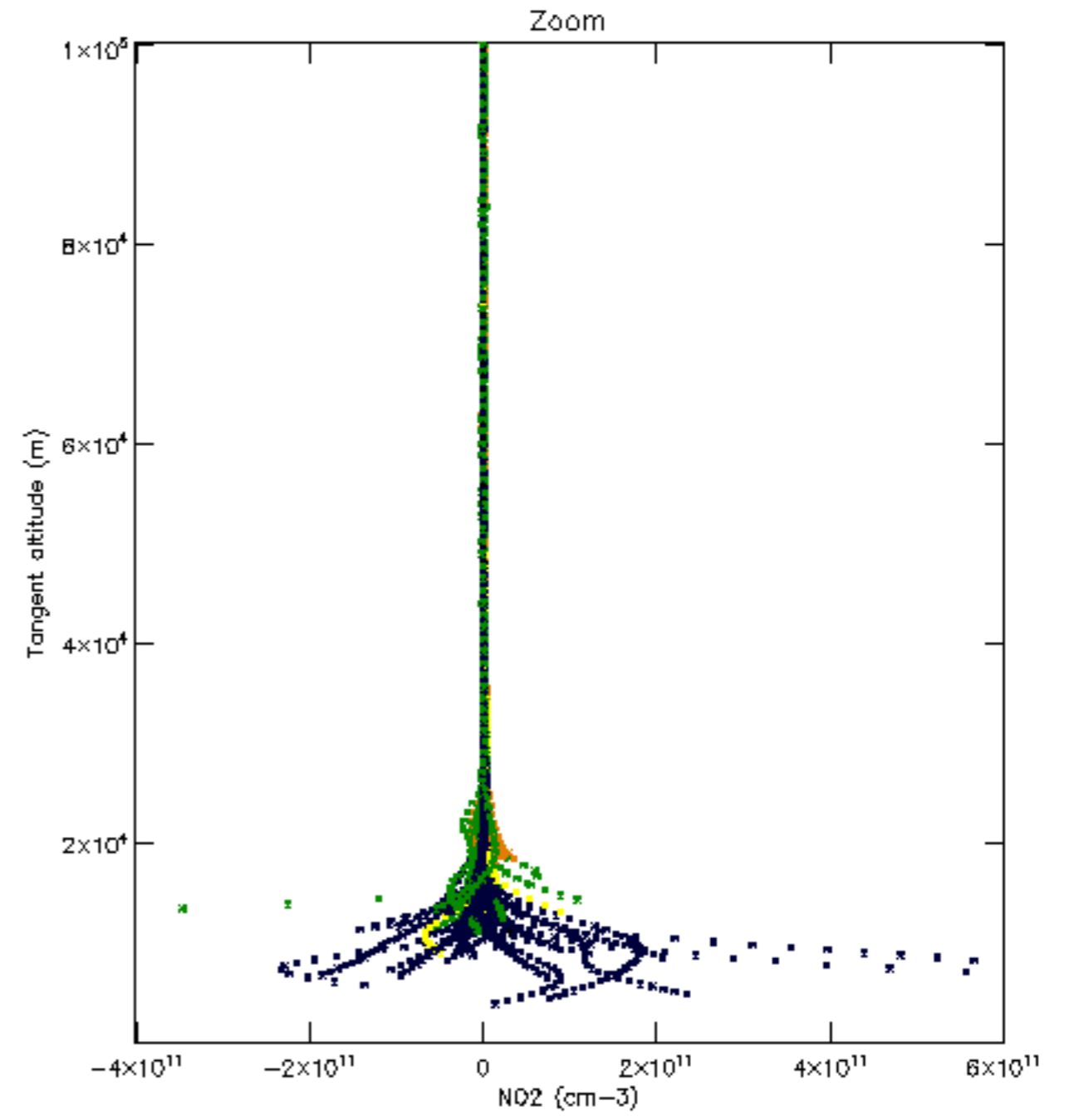
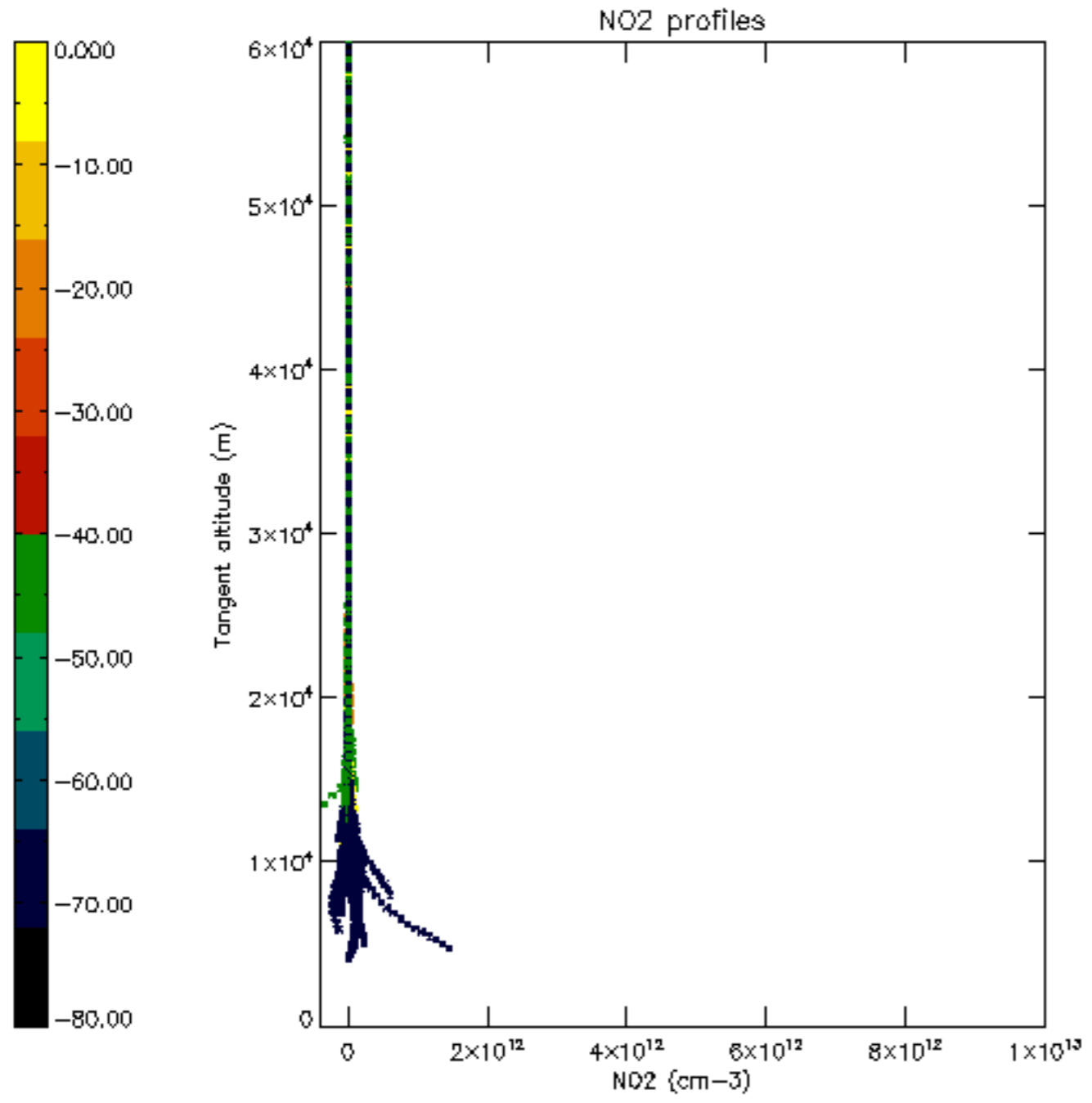


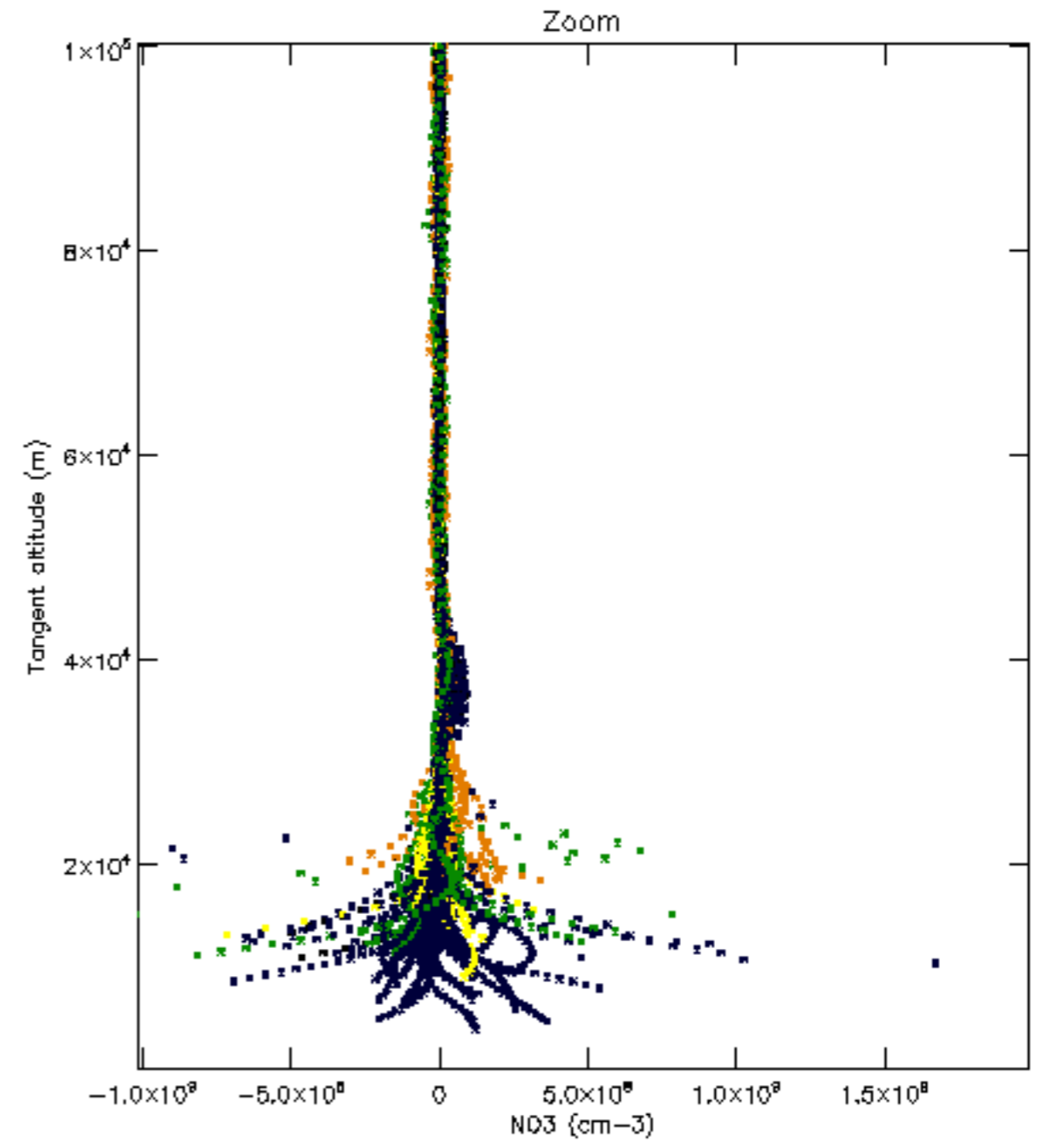
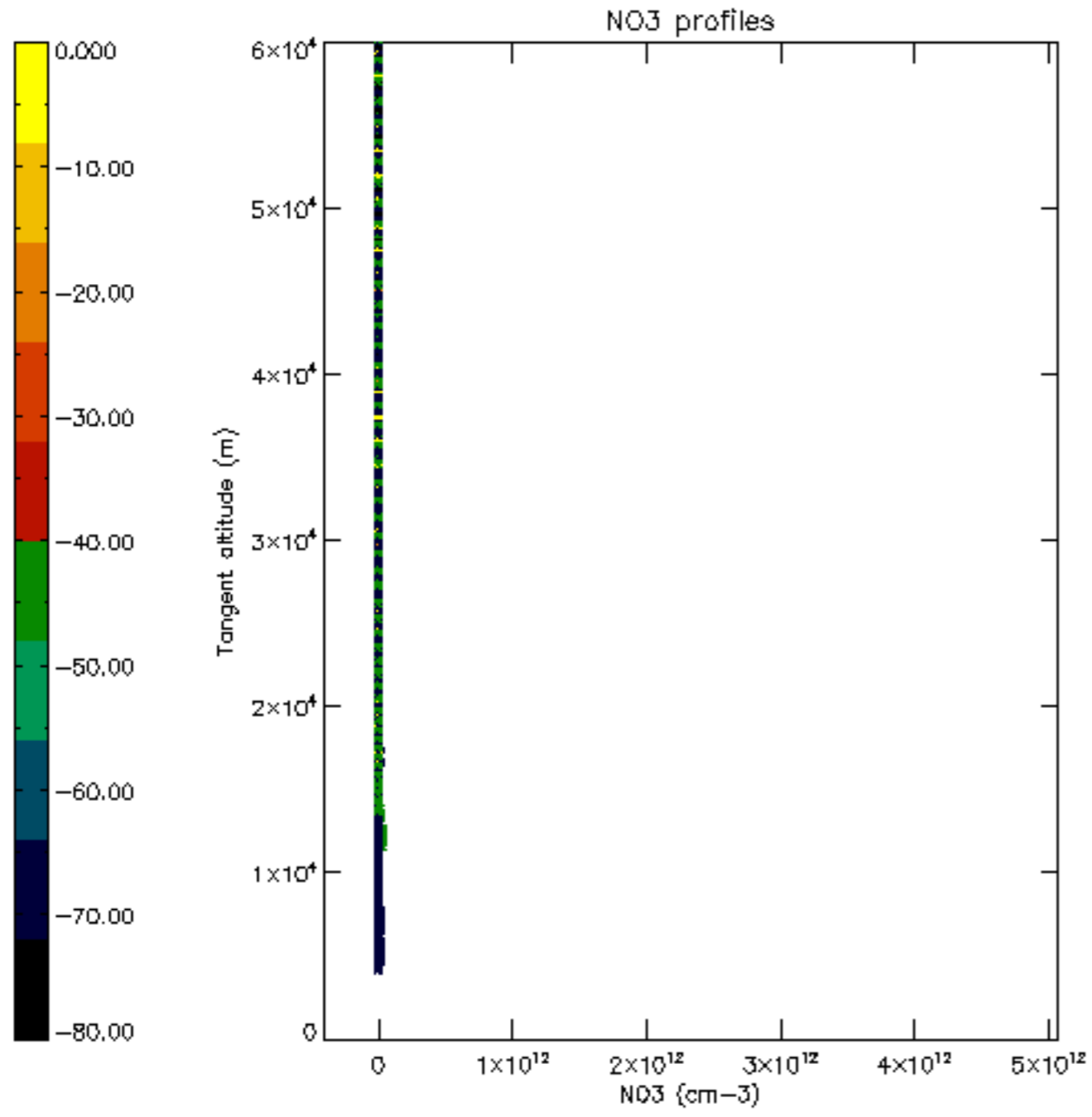


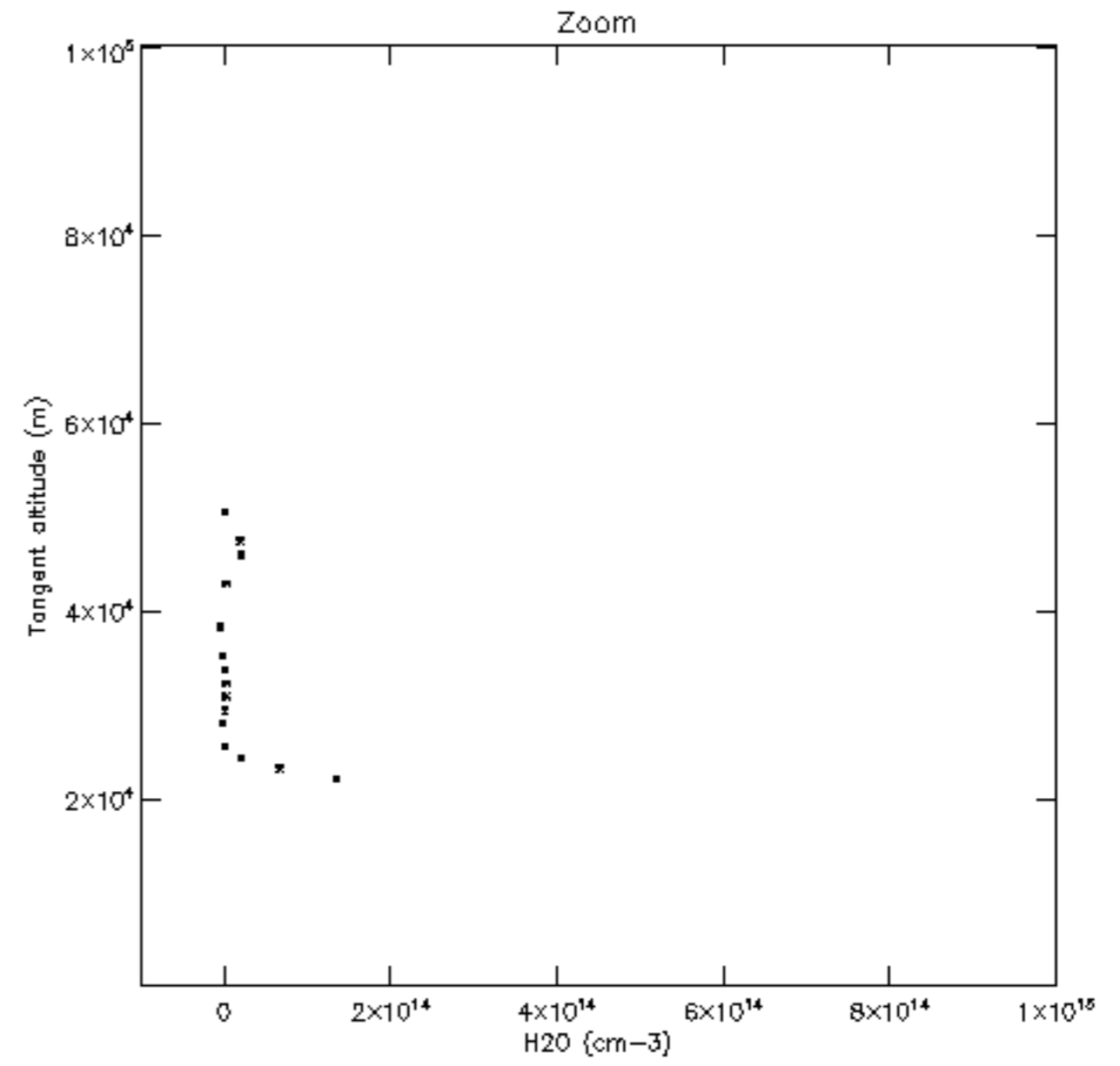
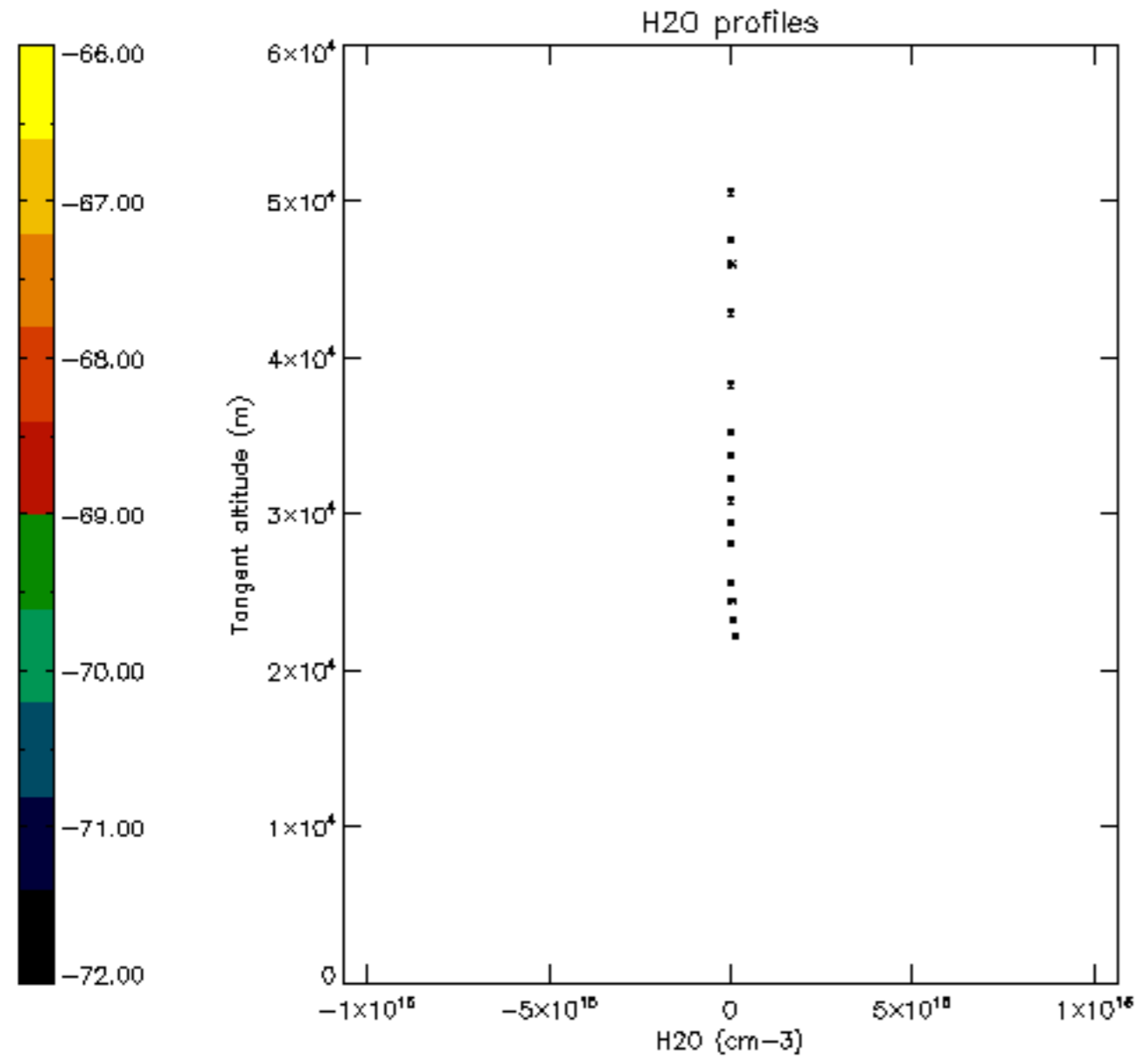


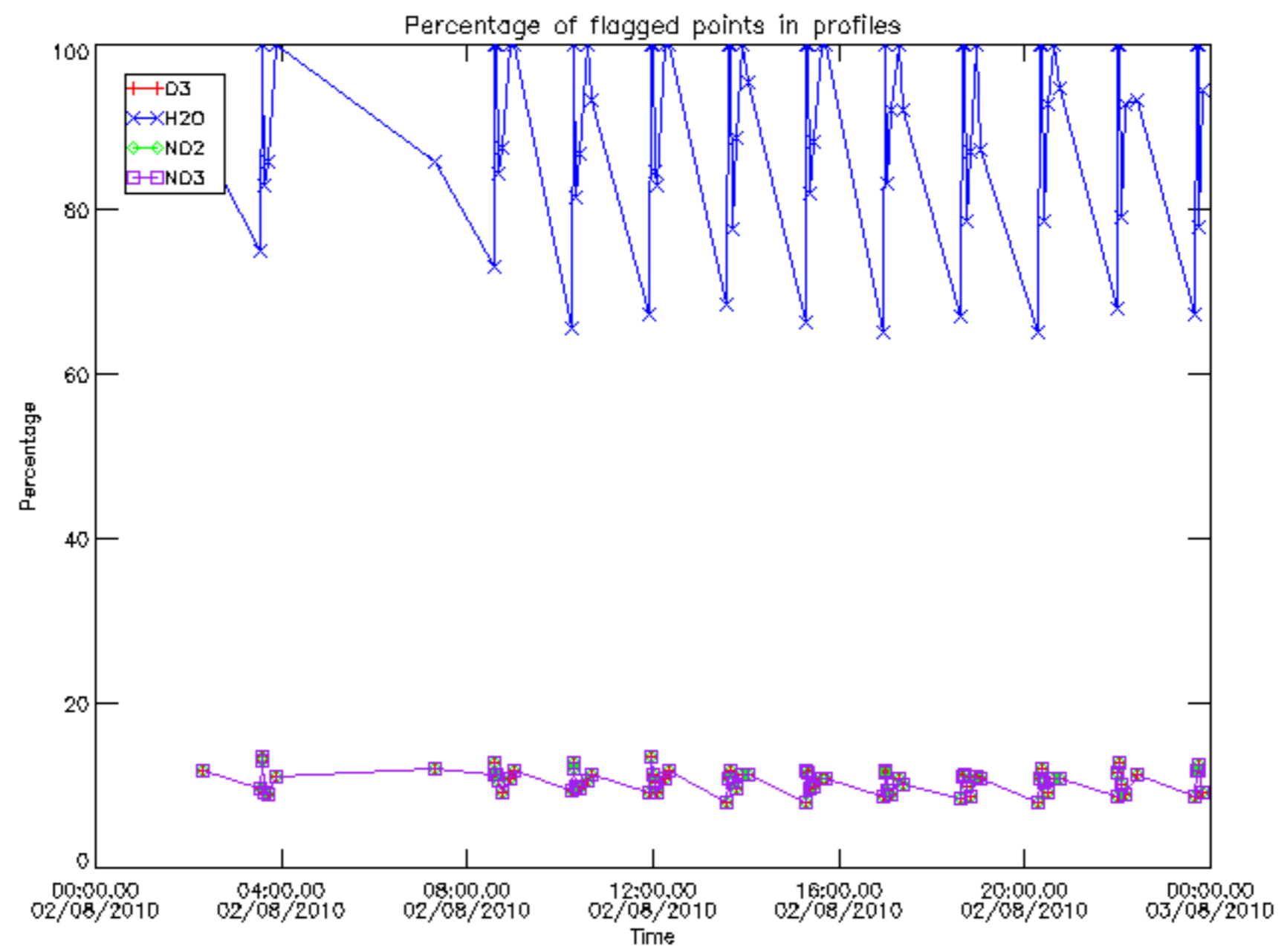




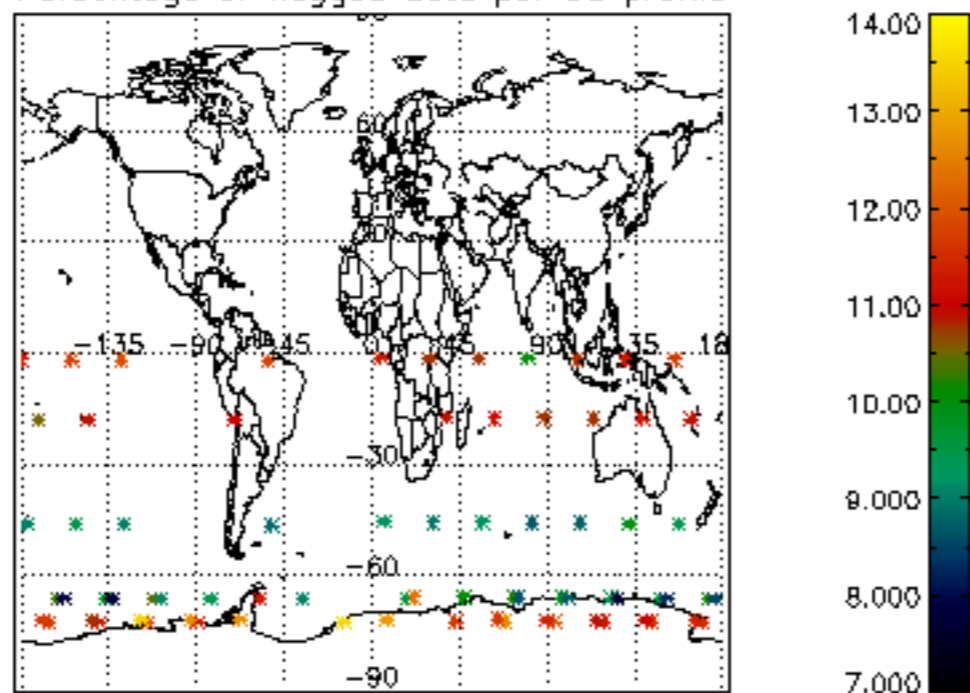




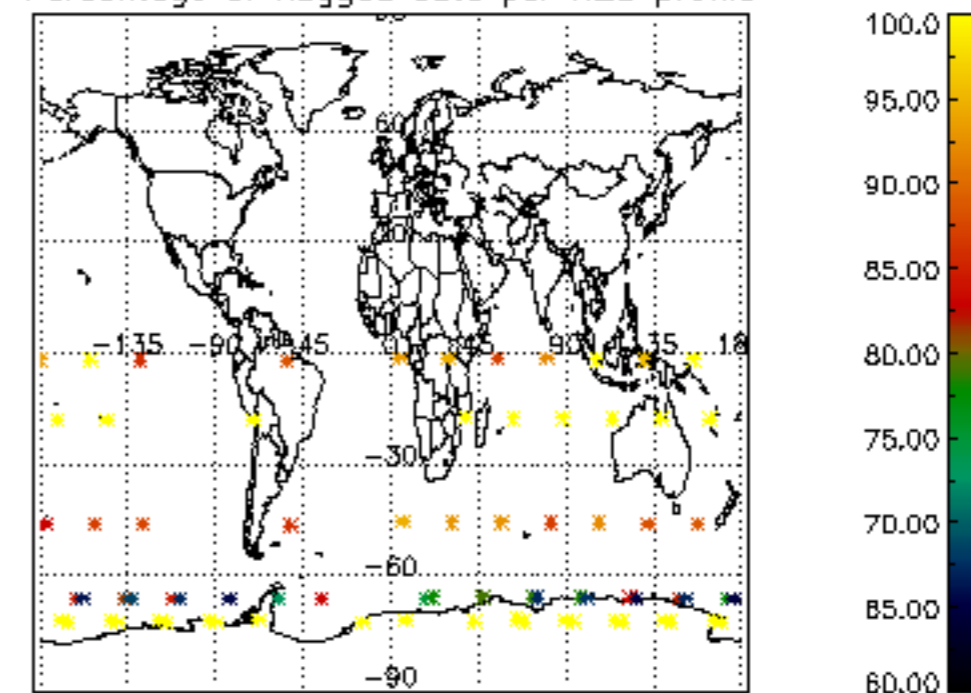




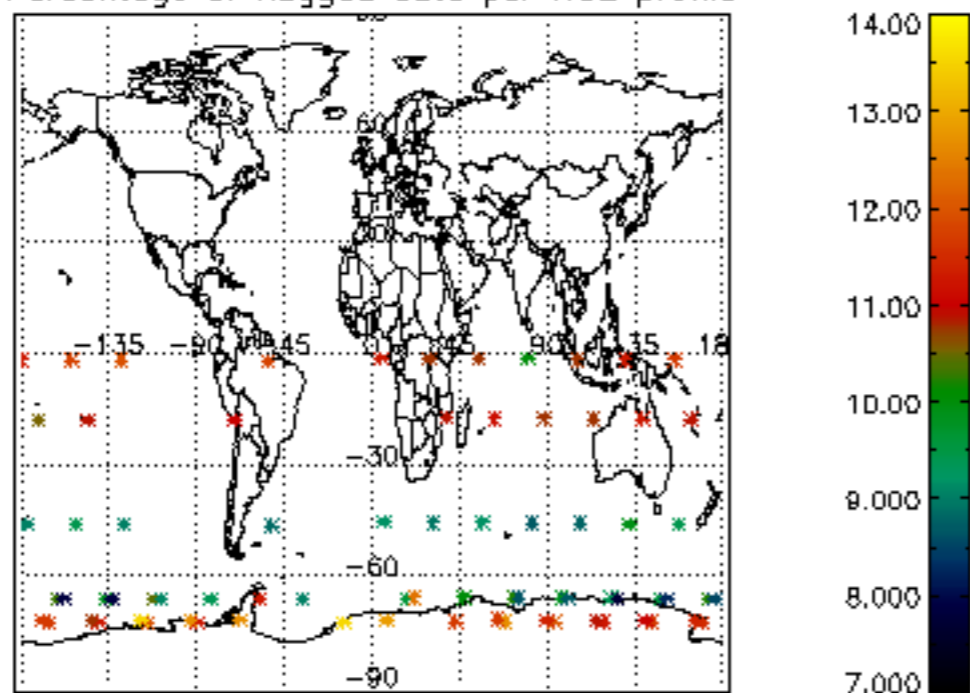
Percentage of flagged data per D3 profile



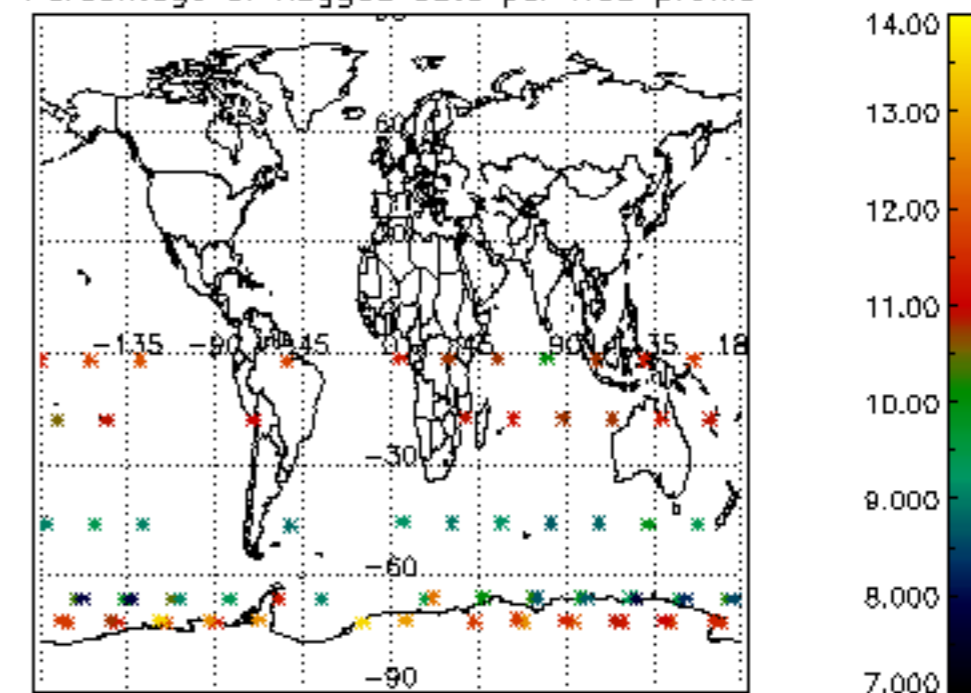
Percentage of flagged data per H2O profile

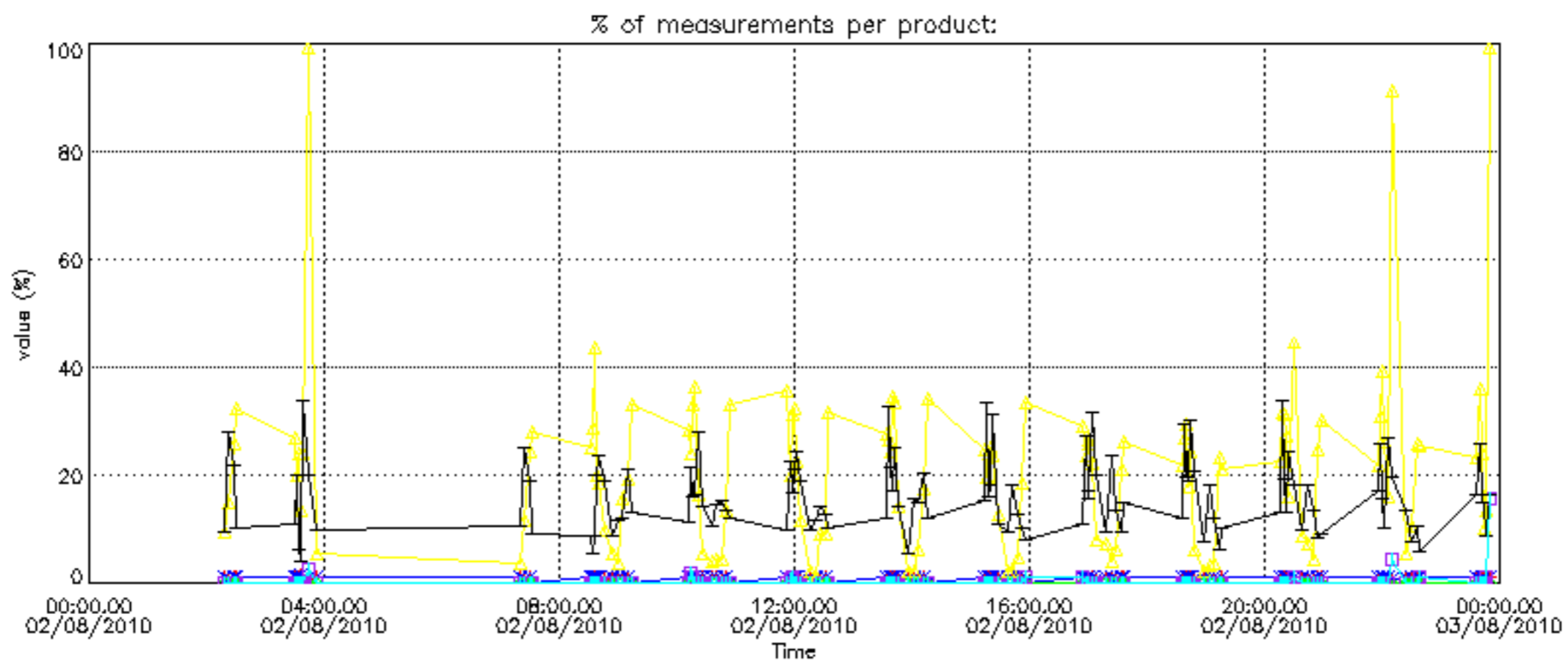


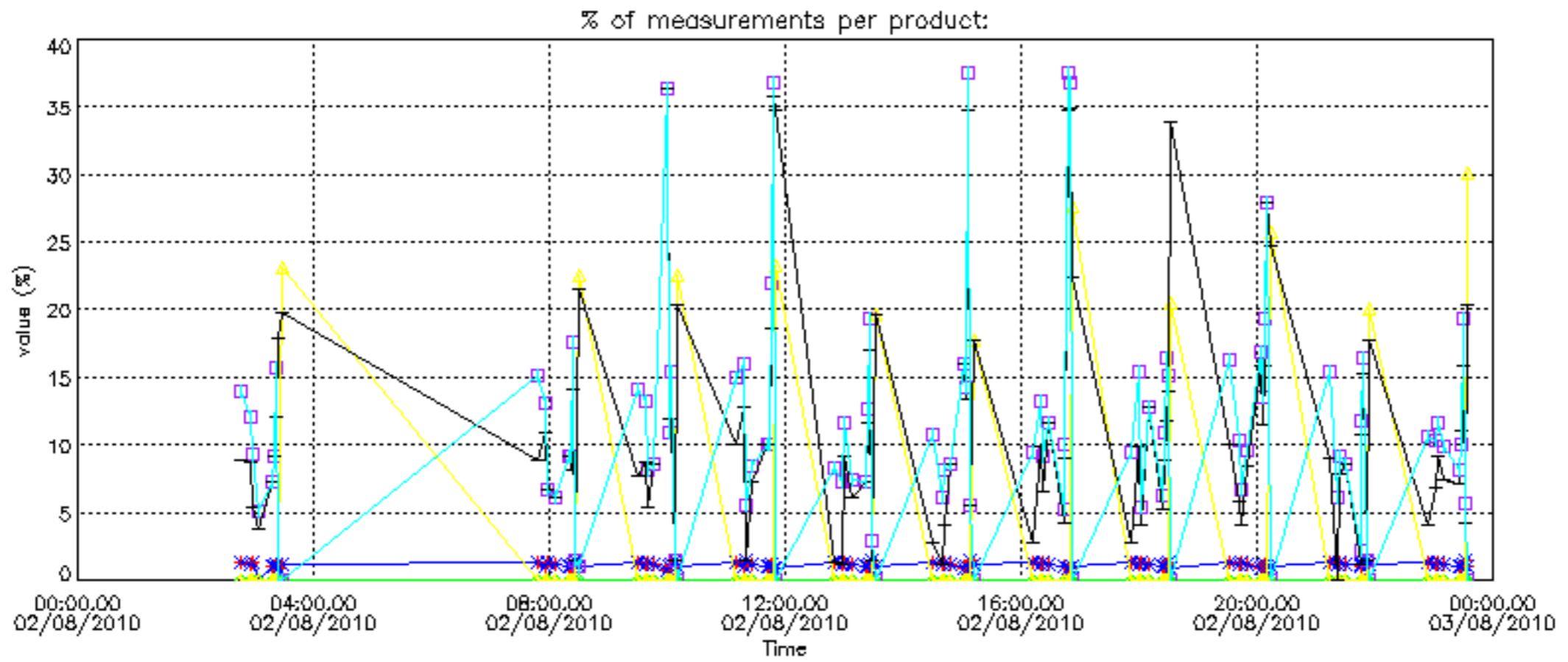
Percentage of flagged data per NO2 profile



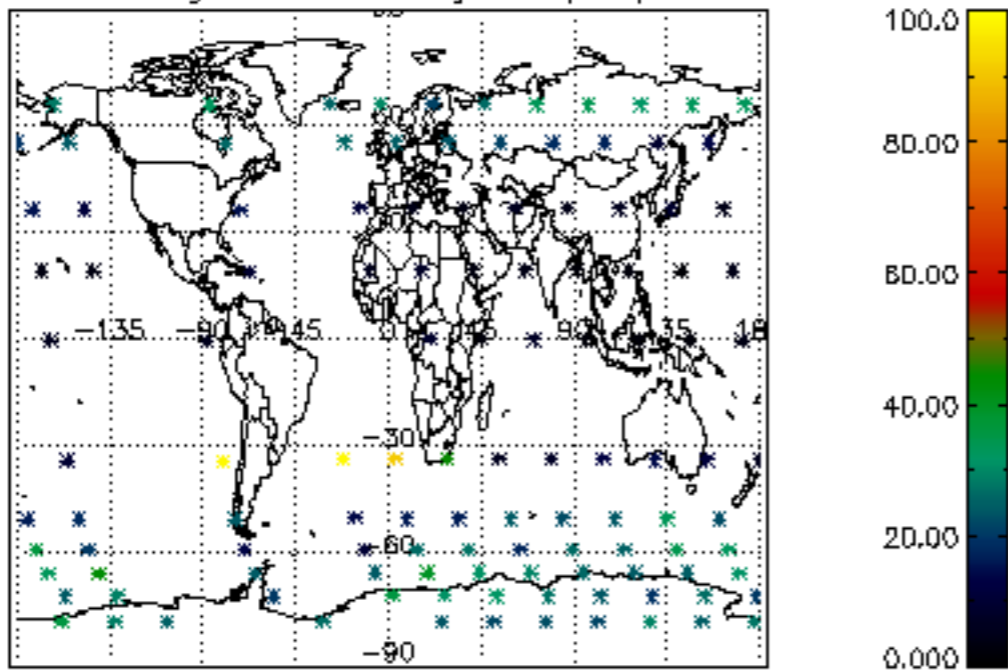
Percentage of flagged data per NO3 profile



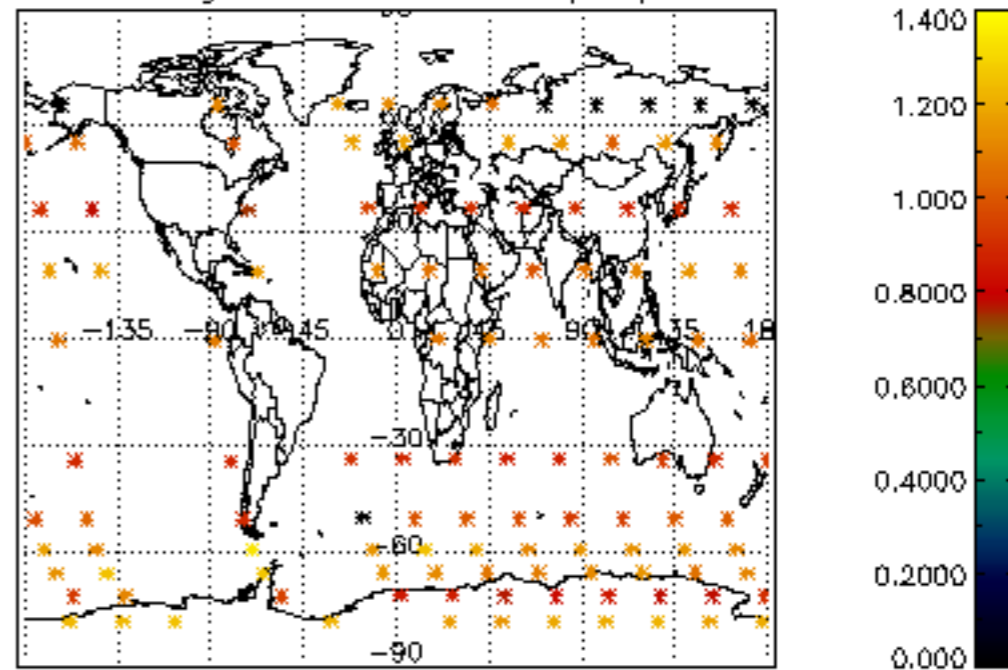




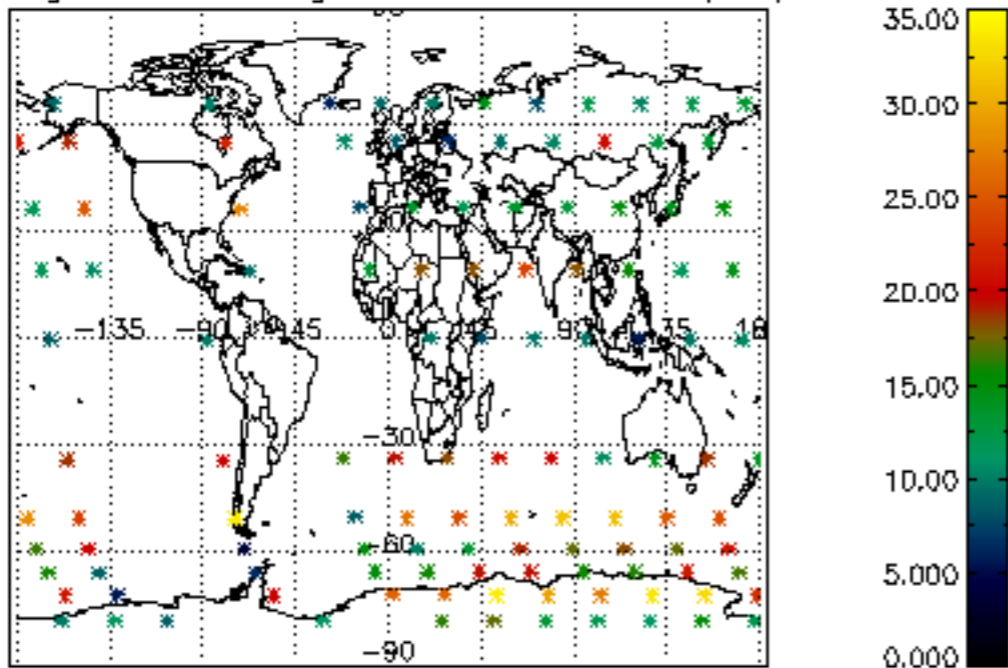
Percentage of cosmic ray hits per profile



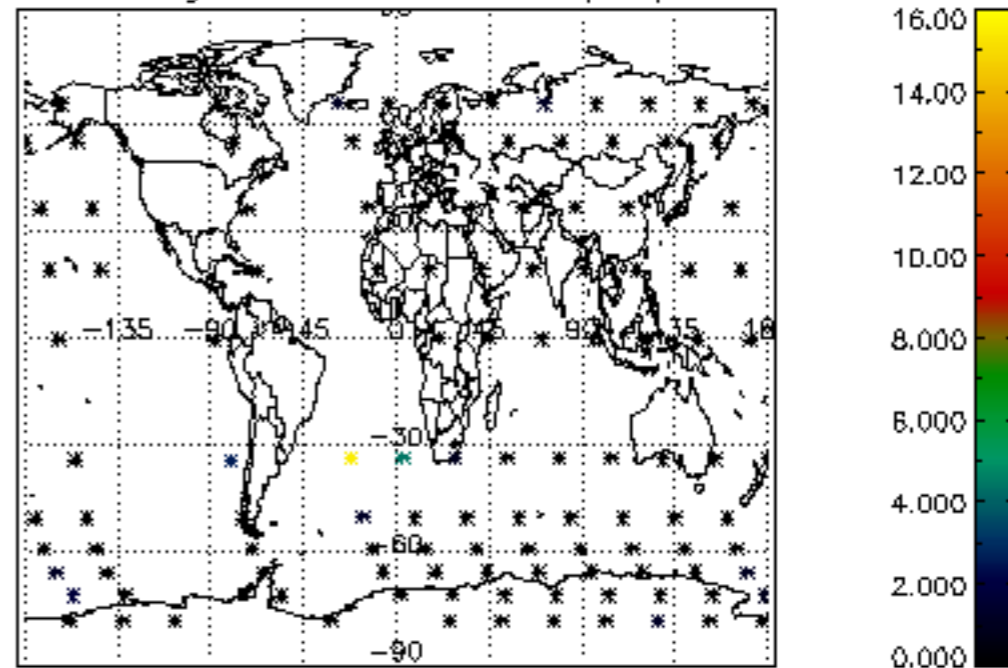
Percentage of datation errors per profile



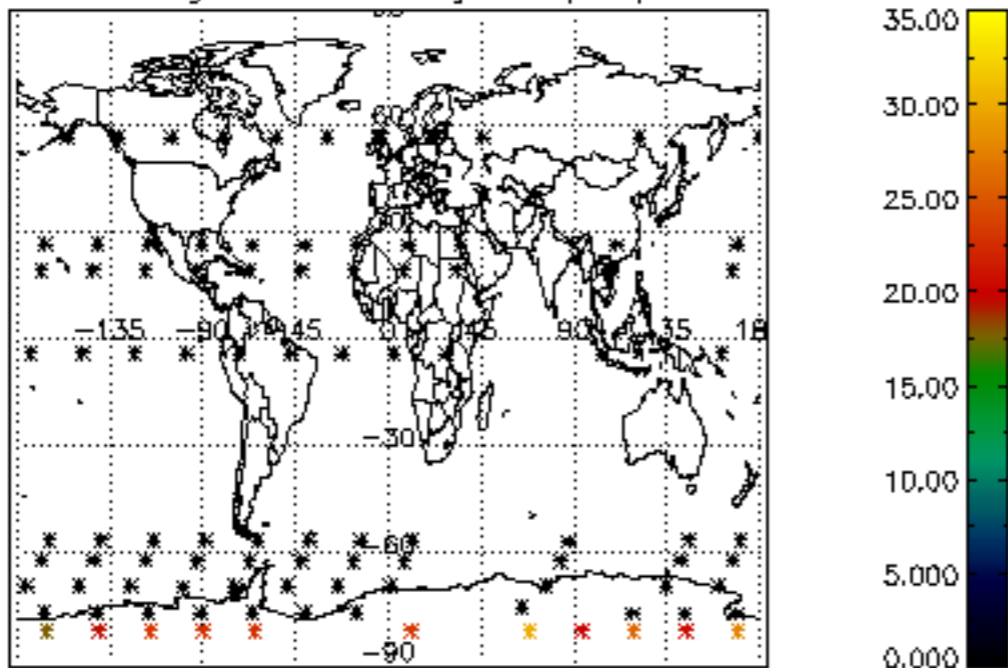
Percentage of star falling outside central band per profile



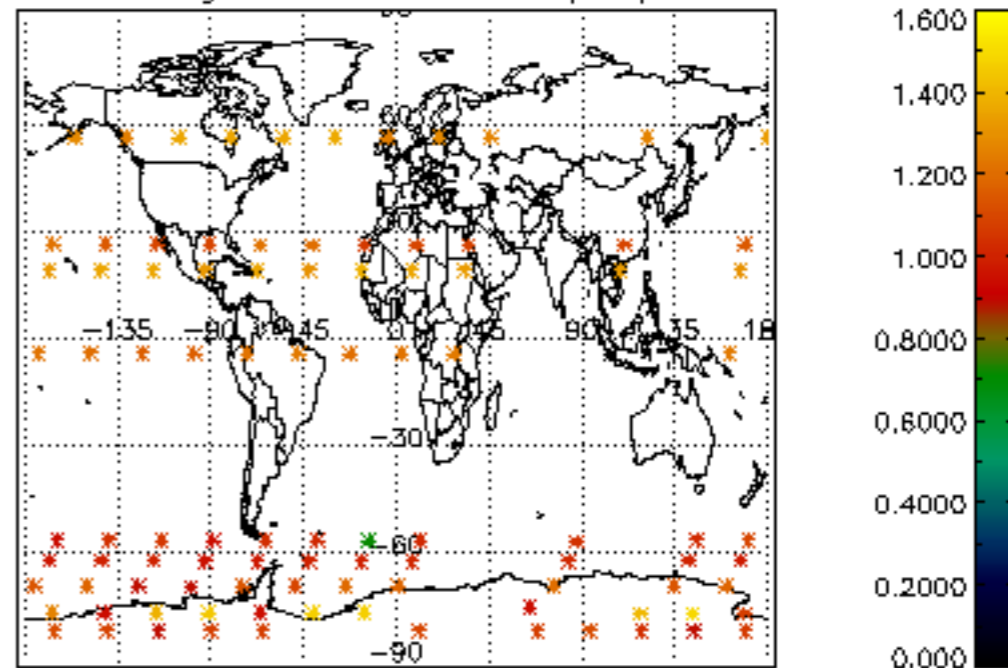
Percentage of saturation errors per profile



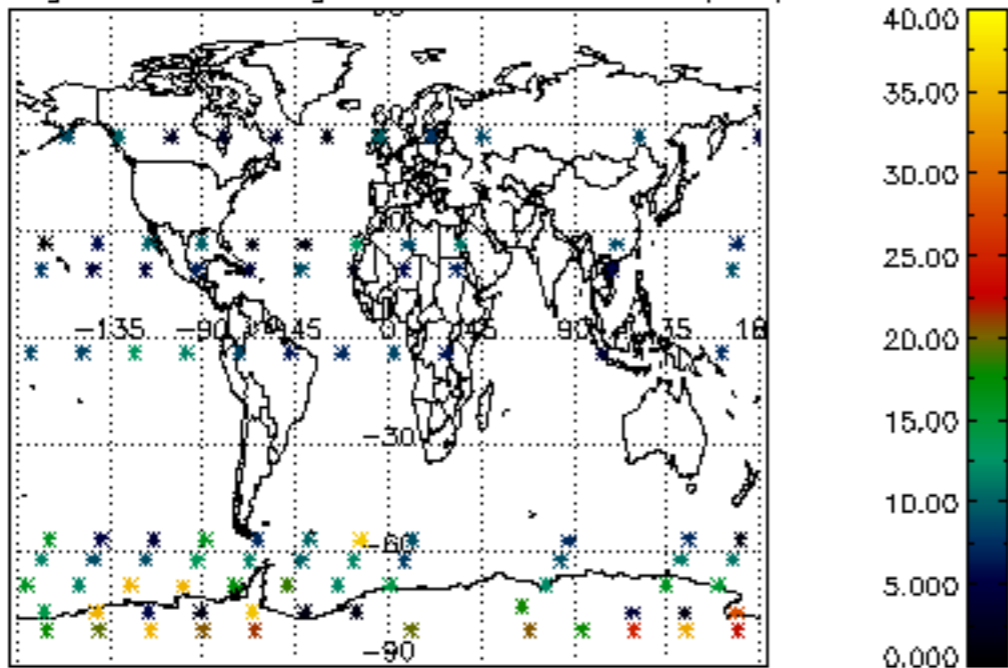
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

