

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	26APR2013 12:00:09
Data source version	GOMOS/6.01
Start time of products	20-08-2009 (20AUG2009 00:00:00)
Stop time of products	21-08-2009 (21AUG2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	268
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__2PRFIN20090820_000646_000000512081_00431_39062_9562.N1	20-AUG-2009 00:06:46	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	39062	No
2	GOM_NL__2PRFIN20090820_000949_000000432081_00431_39062_9563.N1	20-AUG-2009 00:09:49	Bright	42.500	107	37The Aur	2.6490	11000.	85	39062	No
3	GOM_NL__2PRFIN20090820_001302_000000552081_00431_39062_9564.N1	20-AUG-2009 00:13:02	Twilight	54.500	28	12Bet Tau	1.6500	15200.	109	39062	No
4	GOM_NL__2PRFIN20090820_001531_000000502081_00431_39062_9565.N1	20-AUG-2009 00:15:31	Twilight	49.500	176	23Zet Tau	3.0200	22000.	99	39062	No
5	GOM_NL__2PRFIN20090820_001936_000000622081_00431_39062_9566.N1	20-AUG-2009 00:19:36	Dark	62.000	14	58Alp Ori	0.87000	3000.0	124	39062	No
6	GOM_NL__2PRFIN20090820_002101_000000562081_00431_39062_9567.N1	20-AUG-2009 00:21:01	Dark	55.500	27	24Gam Ori	1.6360	26000.	111	39062	No
7	GOM_NL__2PRFIN20090820_002258_000000562081_00431_39062_9568.N1	20-AUG-2009 00:22:58	Dark	55.500	30	46Eps Ori	1.6940	30000.	111	39062	No
8	GOM_NL__2PRFIN20090820_002425_000000482081_00431_39062_9569.N1	20-AUG-2009 00:24:25	Dark	48.000	125	44Iot Ori	2.7700	30000.	96	39062	No
9	GOM_NL__2PRFIN20090820_002609_000000652081_00431_39062_9570.N1	20-AUG-2009 00:26:09	Dark	64.500	7	19Bet Ori	0.10000	14000.	129	39062	No
10	GOM_NL__2PRFIN20090820_020335_000000532081_00432_39063_9567.N1	20-AUG-2009 02:03:35	Dark	52.500	30	46Eps Ori	1.6940	30000.	105	39063	No
11	GOM_NL__2PRFIN20090820_020502_000000502081_00432_39063_9568.N1	20-AUG-2009 02:05:02	Dark	49.500	125	44Iot Ori	2.7700	30000.	99	39063	No
12	GOM_NL__2PRFIN20090820_020646_000000692081_00432_39063_9569.N1	20-AUG-2009 02:06:46	Dark	69.000	7	19Bet Ori	0.10000	14000.	138	39063	No
13	GOM_NL__2PRFIN20090820_020830_000000502081_00432_39063_9570.N1	20-AUG-2009 02:08:30	Dark	49.500	101	11Alp Lep	2.5820	7000.0	99	39063	No
14	GOM_NL__2PRFIN20090820_022248_000000542081_00433_39064_9578.N1	20-AUG-2009 02:22:48	Dark	53.500	157	The1Eri	2.9060	9300.0	107	39064	No
15	GOM_NL__2PRFIN20090820_023216_000000532081_00433_39064_9579.N1	20-AUG-2009 02:32:16	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	39064	No
16	GOM_NL__2PRFIN20090820_023925_000000522081_00433_39064_9580.N1	20-AUG-2009 02:39:25	Twilight	51.500	18	24Alp PsA	1.1660	9700.0	103	39064	No
17	GOM_NL__2PRFIN20090820_024448_000000422081_00433_39064_9581.N1	20-AUG-2009 02:44:48	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	39064	No
18	GOM_NL__2PRFIN20090820_024809_000000412081_00433_39064_9582.N1	20-AUG-2009 02:48:09	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	39064	No
19	GOM_NL__2PRFIN20090820_025001_000000432081_00433_39064_9583.N1	20-AUG-2009 02:50:01	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	39064	No
20	GOM_NL__2PRFIN20090820_025308_000000442081_00433_39064_9584.N1	20-AUG-2009 02:53:08	Bright	43.500	61	8Eps Peg	2.1000	3900.0	87	39064	No
21	GOM_NL__2PRFIN20090820_031232_000000482081_00433_39064_9585.N1	20-AUG-2009 03:12:32	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	39064	No
22	GOM_NL__2PRFIN20090820_031446_000000492081_00433_39064_9586.N1	20-AUG-2009 03:14:46	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	39064	No
23	GOM_NL__2PRFIN20090820_032757_000000522081_00433_39064_9587.N1	20-AUG-2009 03:27:57	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	39064	No
24	GOM_NL__2PRFIN20090820_033101_000000442081_00433_39064_9588.N1	20-AUG-2009 03:31:01	Bright	43.500	107	37The Aur	2.6490	11000.	87	39064	No
25	GOM_NL__2PRFIN20090820_033415_000000532081_00433_39064_9589.N1	20-AUG-2009 03:34:15	Twilight	52.500	28	12Bet Tau	1.6500	15200.	105	39064	No
26	GOM_NL__2PRFIN20090820_033644_000000512081_00433_39064_9590.N1	20-AUG-2009 03:36:44	Twilight	50.500	176	23Zet Tau	3.0200	22000.	101	39064	No
27	GOM_NL__2PRFIN20090820_034049_000000582081_00433_39064_9591.N1	20-AUG-2009 03:40:49	Dark	58.000	14	58Alp Ori	0.87000	3000.0	116	39064	No
28	GOM_NL__2PRFIN20090820_034214_000000552081_00433_39064_9592.N1	20-AUG-2009 03:42:14	Dark	54.500	27	24Gam Ori	1.6360	26000.	109	39064	No
29	GOM_NL__2PRFIN20090820_034411_000000532081_00433_39064_9593.N1	20-AUG-2009 03:44:11	Dark	52.500	30	46Eps Ori	1.6940	30000.	105	39064	No
30	GOM_NL__2PRFIN20090820_034539_000000482081_00433_39064_9594.N1	20-AUG-2009 03:45:39	Dark	48.000	125	44Iot Ori	2.7700	30000.	96	39064	No
31	GOM_NL__2PRFIN20090820_034723_000000672081_00433_39064_9595.N1	20-AUG-2009 03:47:23	Dark	67.000	7	19Bet Ori	0.10000	14000.	134	39064	No
32	GOM_NL__2PRFIN20090820_034907_000000492081_00433_39064_9596.N1	20-AUG-2009 03:49:07	Dark	49.000	101	11Alp Lep	2.5820	7000.0	98	39064	No
33	GOM_NL__2PRFIN20090820_040325_000000532081_00434_39065_9592.N1	20-AUG-2009 04:03:25	Dark	53.000	157	The1Eri	2.9060	9300.0	106	39065	No
34	GOM_NL__2PRFIN20090820_041253_000000532081_00434_39065_9593.N1	20-AUG-2009 04:12:53	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	39065	No
35	GOM_NL__2PRFIN20090820_042001_000000512081_00434_39065_9594.N1	20-AUG-2009 04:20:01	Twilight	50.500	18	24Alp PsA	1.1660	9700.0	101	39065	No
36	GOM_NL__2PRFIN20090820_042524_000000422081_00434_39065_9595.N1	20-AUG-2009 04:25:24	Bright	41.500	142	49Del Cap	2.8500	8900.0	83	39065	No
37	GOM_NL__2PRFIN20090820_042845_000000402081_00434_39065_9596.N1	20-AUG-2009 04:28:45	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	39065	No
38	GOM_NL__2PRFIN20090820_043037_000000642081_00434_39065_9597.N1	20-AUG-2009 04:30:37	Bright	64.000	162	34Alp Aqr	2.9440	5350.0	128	39065	No
39	GOM_NL__2PRFIN20090820_043344_000000612081_00434_39065_9598.N1	20-AUG-2009 04:33:44	Bright	61.000	61	8Eps Peg	2.1000	3900.0	122	39065	No
40	GOM_NL__2PRFIN20090820_045307_000000482081_00434_39065_9599.N1	20-AUG-2009 04:53:07	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	39065	No
41	GOM_NL__2PRFIN20090820_045521_000000482081_00434_39065_9600.N1	20-AUG-2009 04:55:21	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	39065	No
42	GOM_NL__2PRFIN20090820_050833_000000522081_00434_39065_9601.N1	20-AUG-2009 05:08:33	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	39065	No

43	GOM_NL__2PRFIN20090820_051137_000000422081_00434_39065_9602.N1	20-AUG-2009 05:11:37	Bright	42.000	107	37The Aur	2.6490	11000.	84	39065	No
44	GOM_NL__2PRFIN20090820_051451_000000552081_00434_39065_9603.N1	20-AUG-2009 05:14:51	Twilight	54.500	28	12Bet Tau	1.6500	15200.	109	39065	No
45	GOM_NL__2PRFIN20090820_051720_000000502081_00434_39065_9604.N1	20-AUG-2009 05:17:20	Twilight	49.500	176	23Zet Tau	3.0200	22000.	99	39065	No
46	GOM_NL__2PRFIN20090820_052125_000000502081_00434_39065_9605.N1	20-AUG-2009 05:21:25	Dark	50.000	14	58Alp Ori	0.87000	3000.0	100	39065	No
47	GOM_NL__2PRFIN20090820_052251_000000562081_00434_39065_9606.N1	20-AUG-2009 05:22:51	Dark	56.000	27	24Gam Ori	1.6360	26000.	112	39065	No
48	GOM_NL__2PRFIN20090820_052448_000000512081_00434_39065_9607.N1	20-AUG-2009 05:24:48	Dark	50.500	30	46Eps Ori	1.6940	30000.	101	39065	No
49	GOM_NL__2PRFIN20090820_052616_000000492081_00434_39065_9608.N1	20-AUG-2009 05:26:16	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	39065	No
50	GOM_NL__2PRFIN20090820_052800_000000682081_00434_39065_9609.N1	20-AUG-2009 05:28:00	Dark	67.500	7	19Bet Ori	0.10000	14000.	135	39065	No
51	GOM_NL__2PRFIN20090820_052944_000000472081_00434_39065_9610.N1	20-AUG-2009 05:29:44	Dark	47.000	101	11Alp Lep	2.5820	7000.0	94	39065	No
52	GOM_NL__2PRFIN20090820_054403_000000512081_00435_39066_9611.N1	20-AUG-2009 05:44:03	Dark	50.500	157	The1Eri	2.9060	9300.0	101	39066	No
53	GOM_NL__2PRFIN20090820_055330_000000512081_00435_39066_9612.N1	20-AUG-2009 05:53:30	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	39066	No
54	GOM_NL__2PRFIN20090820_060038_000000522081_00435_39066_9613.N1	20-AUG-2009 06:00:38	Twilight	51.500	18	24Alp PsA	1.1660	9700.0	103	39066	No
55	GOM_NL__2PRFIN20090820_060601_000000422081_00435_39066_9614.N1	20-AUG-2009 06:06:01	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	39066	No
56	GOM_NL__2PRFIN20090820_060922_000000532081_00435_39066_9615.N1	20-AUG-2009 06:09:22	Bright	53.000	154	22Bet Aqr	2.8990	5700.0	106	39066	No
57	GOM_NL__2PRFIN20090820_061113_000000432081_00435_39066_9616.N1	20-AUG-2009 06:11:13	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	39066	No
58	GOM_NL__2PRFIN20090820_061420_000000612081_00435_39066_9617.N1	20-AUG-2009 06:14:20	Bright	61.000	61	8Eps Peg	2.1000	3900.0	122	39066	No
59	GOM_NL__2PRFIN20090820_063343_000000452081_00435_39066_9618.N1	20-AUG-2009 06:33:43	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	39066	No
60	GOM_NL__2PRFIN20090820_063557_000000472081_00435_39066_9619.N1	20-AUG-2009 06:35:57	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	39066	No
61	GOM_NL__2PRFIN20090820_064909_000000522081_00435_39066_9620.N1	20-AUG-2009 06:49:09	Bright	52.000	6	13Alp Aur	0.080000	3400.0	104	39066	No
62	GOM_NL__2PRFIN20090820_065213_000000432081_00435_39066_9621.N1	20-AUG-2009 06:52:13	Bright	42.500	107	37The Aur	2.6490	11000.	85	39066	No
63	GOM_NL__2PRFIN20090820_065527_000000552081_00435_39066_9622.N1	20-AUG-2009 06:55:27	Twilight	54.500	28	12Bet Tau	1.6500	15200.	109	39066	No
64	GOM_NL__2PRFIN20090820_065757_000000502081_00435_39066_9623.N1	20-AUG-2009 06:57:57	Twilight	49.500	176	23Zet Tau	3.0200	22000.	99	39066	No
65	GOM_NL__2PRFIN20090820_070202_000000472081_00435_39066_9624.N1	20-AUG-2009 07:02:02	Dark	46.500	14	58Alp Ori	0.87000	3000.0	93	39066	No
66	GOM_NL__2PRFIN20090820_070328_000000562081_00435_39066_9625.N1	20-AUG-2009 07:03:28	Dark	56.000	27	24Gam Ori	1.6360	26000.	112	39066	No
67	GOM_NL__2PRFIN20090820_070525_000000512081_00435_39066_9626.N1	20-AUG-2009 07:05:25	Dark	51.000	30	46Eps Ori	1.6940	30000.	102	39066	No
68	GOM_NL__2PRFIN20090820_070652_000000482081_00435_39066_9627.N1	20-AUG-2009 07:06:52	Dark	48.000	125	44Iot Ori	2.7700	30000.	96	39066	No
69	GOM_NL__2PRFIN20090820_070837_000000642081_00435_39066_9628.N1	20-AUG-2009 07:08:37	Dark	64.000	7	19Bet Ori	0.10000	14000.	128	39066	No
70	GOM_NL__2PRFIN20090820_071020_000000502081_00435_39066_9629.N1	20-AUG-2009 07:10:20	Dark	50.000	101	11Alp Lep	2.5820	7000.0	100	39066	No
71	GOM_NL__2PRFIN20090820_072440_000000532081_00436_39067_9625.N1	20-AUG-2009 07:24:40	Dark	53.000	157	The1Eri	2.9060	9300.0	106	39067	No
72	GOM_NL__2PRFIN20090820_073407_000000512081_00436_39067_9626.N1	20-AUG-2009 07:34:07	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	39067	No
73	GOM_NL__2PRFIN20090820_074114_000000512081_00436_39067_9627.N1	20-AUG-2009 07:41:14	Twilight	50.500	18	24Alp PsA	1.1660	9700.0	101	39067	No
74	GOM_NL__2PRFIN20090820_074637_000000392081_00436_39067_9628.N1	20-AUG-2009 07:46:37	Bright	39.000	142	49Del Cap	2.8500	8900.0	78	39067	No
75	GOM_NL__2PRFIN20090820_074957_000000462081_00436_39067_9629.N1	20-AUG-2009 07:49:57	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	39067	No
76	GOM_NL__2PRFIN20090820_075149_000000432081_00436_39067_9630.N1	20-AUG-2009 07:51:49	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	39067	No
77	GOM_NL__2PRFIN20090820_075456_000000442081_00436_39067_9631.N1	20-AUG-2009 07:54:56	Bright	44.000	61	8Eps Peg	2.1000	3900.0	88	39067	No
78	GOM_NL__2PRFIN20090820_081418_000000452081_00436_39067_9632.N1	20-AUG-2009 08:14:18	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	39067	No
79	GOM_NL__2PRFIN20090820_081632_000000482081_00436_39067_9633.N1	20-AUG-2009 08:16:32	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	39067	No
80	GOM_NL__2PRFIN20090820_082945_000000532081_00436_39067_9634.N1	20-AUG-2009 08:29:45	Bright	52.500	6	13Alp Aur	0.080000	3400.0	105	39067	No
81	GOM_NL__2PRFIN20090820_083249_000000402081_00436_39067_9635.N1	20-AUG-2009 08:32:49	Bright	40.000	107	37The Aur	2.6490	11000.	80	39067	No
82	GOM_NL__2PRFIN20090820_083603_000000562081_00436_39067_9636.N1	20-AUG-2009 08:36:03	Twilight	56.000	28	12Bet Tau	1.6500	15200.	112	39067	No
83	GOM_NL__2PRFIN20090820_083833_000000502081_00436_39067_9637.N1	20-AUG-2009 08:38:33	Twilight	49.500	176	23Zet Tau	3.0200	22000.	99	39067	No
84	GOM_NL__2PRFIN20090820_084238_000000542081_00436_39067_9638.N1	20-AUG-2009 08:42:38	Dark	54.000	14	58Alp Ori	0.87000	3000.0	108	39067	No
85	GOM_NL__2PRFIN20090820_084404_000000512081_00436_39067_9639.N1	20-AUG-2009 08:44:04	Dark	51.000	27	24Gam Ori	1.6360	26000.	102	39067	No
86	GOM_NL__2PRFIN20090820_084601_000000532081_00436_39067_9640.N1	20-AUG-2009 08:46:01	Dark	52.500	30	46Eps Ori	1.6940	30000.	105	39067	No
87	GOM_NL__2PRFIN20090820_084729_000000502081_00436_39067_9641.N1	20-AUG-2009 08:47:29	Dark	49.500	125	44Iot Ori	2.7700	30000.	99	39067	No
88	GOM_NL__2PRFIN20090820_084914_000000572081_00436_39067_9642.N1	20-AUG-2009 08:49:14	Dark	57.000	7	19Bet Ori	0.10000	14000.	114	39067	No
89	GOM_NL__2PRFIN20090820_085057_000000482081_00436_39067_9643.N1	20-AUG-2009 08:50:57	Dark	47.500	101	11Alp Lep	2.5820	7000.0	95	39067	No
90	GOM_NL__2PRFIN20090820_090517_000000522081_00437_39068_9642.N1	20-AUG-2009 09:05:17	Dark	52.000	157	The1Eri	2.9060	9300.0	104	39068	No
91	GOM_NL__2PRFIN20090820_091443_000000542081_00437_39068_9643.N1	20-AUG-2009 09:14:43	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	39068	No
92	GOM_NL__2PRFIN20090820_092150_000000502081_00437_39068_9644.N1	20-AUG-2009 09:21:50	Twilight	49.500	18	24Alp PsA	1.1660	9700.0	99	39068	No
93	GOM_NL__2PRFIN20090820_092713_000000392081_00437_39068_9645.N1	20-AUG-2009 09:27:13	Bright	38.500	142	49Del Cap	2.8500	8900.0	77	39068	No
94	GOM_NL__2PRFIN20090820_093033_000000412081_00437_39068_9646.N1	20-AUG-2009 09:30:33	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	39068	No
95	GOM_NL__2PRFIN20090820_093225_000000442081_00437_39068_9647.N1	20-AUG-2009 09:32:25	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	39068	No
96	GOM_NL__2PRFIN20090820_093531_000000422081_00437_39068_9648.N1	20-AUG-2009 09:35:31	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	39068	No
97	GOM_NL__2PRFIN20090820_094406_000000282081_00437_39068_9649.N1	20-AUG-2009 09:44:06	Twilight	28.000	164	44Eta Peg	2.9480	5400.0	56	39068	No
98	GOM_NL__2PRFIN20090820_095453_000000472081_00437_39068_9650.N1	20-AUG-2009 09:54:53	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	39068	No
99	GOM_NL__2PRFIN20090820_095707_000000482081_00437_39068_9651.N1	20-AUG-2009 09:57:07	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	39068	No
100	GOM_NL__2PRFIN20090820_101021_000000522081_00437_39068_9652.N1	20-AUG-2009 10:10:21	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	39068	No
101	GOM_NL__2PRFIN20090820_101325_000000422081_00437_39068_9653.N1	20-AUG-2009 10:13:25	Bright	42.000	107	37The Aur	2.6490	11000.	84	39068	No

102	GOM_NL__2PRFIN20090820_101640_000000532081_00437_39068_9654.N1	20-AUG-2009 10:16:40	Twilight	53.000	28	12Bet Tau	1.6500	15200.	106	39068	No
103	GOM_NL__2PRFIN20090820_101909_000000502081_00437_39068_9655.N1	20-AUG-2009 10:19:09	Twilight	50.000	176	23Zet Tau	3.0200	22000.	100	39068	No
104	GOM_NL__2PRFIN20090820_102315_000000542081_00437_39068_9656.N1	20-AUG-2009 10:23:15	Dark	54.000	14	58Alp Ori	0.87000	3000.0	108	39068	No
105	GOM_NL__2PRFIN20090820_102441_000000562081_00437_39068_9657.N1	20-AUG-2009 10:24:41	Dark	55.500	27	24Gam Ori	1.6360	26000.	111	39068	No
106	GOM_NL__2PRFIN20090820_102638_000000522081_00437_39068_9658.N1	20-AUG-2009 10:26:38	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	39068	No
107	GOM_NL__2PRFIN20090820_102806_000000472081_00437_39068_9659.N1	20-AUG-2009 10:28:06	Dark	47.000	125	44Iot Ori	2.7700	30000.	94	39068	No
108	GOM_NL__2PRFIN20090820_102950_000000582081_00437_39068_9660.N1	20-AUG-2009 10:29:50	Dark	58.000	7	19Bet Ori	0.10000	14000.	116	39068	No
109	GOM_NL__2PRFIN20090820_103134_000000472081_00437_39068_9661.N1	20-AUG-2009 10:31:34	Dark	47.000	101	11Alp Lep	2.5820	7000.0	94	39068	No
110	GOM_NL__2PRFIN20090820_104554_000000532081_00438_39069_9661.N1	20-AUG-2009 10:45:54	Dark	52.500	157	The1Eri	2.9060	9300.0	105	39069	No
111	GOM_NL__2PRFIN20090820_105520_000000512081_00438_39069_9662.N1	20-AUG-2009 10:55:20	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	39069	No
112	GOM_NL__2PRFIN20090820_110226_000000512081_00438_39069_9663.N1	20-AUG-2009 11:02:26	Twilight	50.500	18	24Alp PsA	1.1660	9700.0	101	39069	No
113	GOM_NL__2PRFIN20090820_110749_000000442081_00438_39069_9664.N1	20-AUG-2009 11:07:49	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	39069	No
114	GOM_NL__2PRFIN20090820_111109_000000412081_00438_39069_9665.N1	20-AUG-2009 11:11:09	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	39069	No
115	GOM_NL__2PRFIN20090820_111300_000000552081_00438_39069_9666.N1	20-AUG-2009 11:13:00	Bright	55.000	162	34Alp Aqr	2.9440	5350.0	110	39069	No
116	GOM_NL__2PRFIN20090820_111607_000000412081_00438_39069_9667.N1	20-AUG-2009 11:16:07	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	39069	No
117	GOM_NL__2PRFIN20090820_112441_000000282081_00438_39069_9668.N1	20-AUG-2009 11:24:41	Twilight	28.000	164	44Eta Peg	2.9480	5400.0	56	39069	No
118	GOM_NL__2PRFIN20090820_113528_000000482081_00438_39069_9669.N1	20-AUG-2009 11:35:28	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	39069	No
119	GOM_NL__2PRFIN20090820_115057_000000522081_00438_39069_9670.N1	20-AUG-2009 11:50:57	Bright	52.000	6	13Alp Aur	0.080000	3400.0	104	39069	No
120	GOM_NL__2PRFIN20090820_115401_000000572081_00438_39069_9671.N1	20-AUG-2009 11:54:01	Bright	56.500	107	37The Aur	2.6490	11000.	113	39069	No
121	GOM_NL__2PRFIN20090820_115716_000000552081_00438_39069_9672.N1	20-AUG-2009 11:57:16	Twilight	55.000	28	12Bet Tau	1.6500	15200.	110	39069	No
122	GOM_NL__2PRFIN20090820_115945_000000482081_00438_39069_9673.N1	20-AUG-2009 11:59:45	Twilight	47.500	176	23Zet Tau	3.0200	22000.	95	39069	No
123	GOM_NL__2PRFIN20090820_120351_000000552081_00438_39069_9674.N1	20-AUG-2009 12:03:51	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	39069	No
124	GOM_NL__2PRFIN20090820_120517_000000552081_00438_39069_9675.N1	20-AUG-2009 12:05:17	Dark	55.000	27	24Gam Ori	1.6360	26000.	110	39069	No
125	GOM_NL__2PRFIN20090820_120715_000000502081_00438_39069_9676.N1	20-AUG-2009 12:07:15	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	39069	No
126	GOM_NL__2PRFIN20090820_120842_000000472081_00438_39069_9677.N1	20-AUG-2009 12:08:42	Dark	47.000	125	44Iot Ori	2.7700	30000.	94	39069	No
127	GOM_NL__2PRFIN20090820_121027_000000692081_00438_39069_9678.N1	20-AUG-2009 12:10:27	Dark	69.000	7	19Bet Ori	0.10000	14000.	138	39069	No
128	GOM_NL__2PRFIN20090820_121211_000000492081_00438_39069_9679.N1	20-AUG-2009 12:12:11	Dark	49.000	101	11Alp Lep	2.5820	7000.0	98	39069	No
129	GOM_NL__2PRFIN20090820_122631_000000532081_00439_39070_9684.N1	20-AUG-2009 12:26:31	Dark	52.500	157	The1Eri	2.9060	9300.0	105	39070	No
130	GOM_NL__2PRFIN20090820_123557_000000532081_00439_39070_9685.N1	20-AUG-2009 12:35:57	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	39070	No
131	GOM_NL__2PRFIN20090820_124303_000000512081_00439_39070_9686.N1	20-AUG-2009 12:43:03	Twilight	50.500	18	24Alp PsA	1.1660	9700.0	101	39070	No
132	GOM_NL__2PRFIN20090820_124825_000000432081_00439_39070_9687.N1	20-AUG-2009 12:48:25	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	39070	No
133	GOM_NL__2PRFIN20090820_125145_000000412081_00439_39070_9688.N1	20-AUG-2009 12:51:45	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	39070	No
134	GOM_NL__2PRFIN20090820_125336_000000642081_00439_39070_9689.N1	20-AUG-2009 12:53:36	Bright	64.000	162	34Alp Aqr	2.9440	5350.0	128	39070	No
135	GOM_NL__2PRFIN20090820_125643_000000432081_00439_39070_9690.N1	20-AUG-2009 12:56:43	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	39070	No
136	GOM_NL__2PRFIN20090820_130517_000000342081_00439_39070_9691.N1	20-AUG-2009 13:05:17	Twilight	34.000	164	44Eta Peg	2.9480	5400.0	68	39070	No
137	GOM_NL__2PRFIN20090820_131603_000000472081_00439_39070_9692.N1	20-AUG-2009 13:16:03	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	39070	No
138	GOM_NL__2PRFIN20090820_131817_000000472081_00439_39070_9693.N1	20-AUG-2009 13:18:17	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	39070	No
139	GOM_NL__2PRFIN20090820_133132_000000532081_00439_39070_9694.N1	20-AUG-2009 13:31:32	Bright	52.500	6	13Alp Aur	0.080000	3400.0	105	39070	No
140	GOM_NL__2PRFIN20090820_133437_000000412081_00439_39070_9695.N1	20-AUG-2009 13:34:37	Bright	41.000	107	37The Aur	2.6490	11000.	82	39070	No
141	GOM_NL__2PRFIN20090820_133752_000000542081_00439_39070_9696.N1	20-AUG-2009 13:37:52	Twilight	54.000	28	12Bet Tau	1.6500	15200.	108	39070	No
142	GOM_NL__2PRFIN20090820_134022_000000512081_00439_39070_9697.N1	20-AUG-2009 13:40:22	Twilight	50.500	176	23Zet Tau	3.0200	22000.	101	39070	No
143	GOM_NL__2PRFIN20090820_134428_000000552081_00439_39070_9698.N1	20-AUG-2009 13:44:28	Dark	54.500	14	58Alp Ori	0.87000	3000.0	109	39070	No
144	GOM_NL__2PRFIN20090820_134554_000000542081_00439_39070_9699.N1	20-AUG-2009 13:45:54	Dark	53.500	27	24Gam Ori	1.6360	26000.	107	39070	No
145	GOM_NL__2PRFIN20090820_134751_000000532081_00439_39070_9700.N1	20-AUG-2009 13:47:51	Dark	53.000	30	46Eps Ori	1.6940	30000.	106	39070	No
146	GOM_NL__2PRFIN20090820_134919_000000492081_00439_39070_9701.N1	20-AUG-2009 13:49:19	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	39070	No
147	GOM_NL__2PRFIN20090820_135104_000000612081_00439_39070_9702.N1	20-AUG-2009 13:51:04	Dark	61.000	7	19Bet Ori	0.10000	14000.	122	39070	No
148	GOM_NL__2PRFIN20090820_135247_000000462081_00439_39070_9703.N1	20-AUG-2009 13:52:47	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	39070	No
149	GOM_NL__2PRFIN20090820_140708_000000542081_00440_39071_9718.N1	20-AUG-2009 14:07:08	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39071	No
150	GOM_NL__2PRFIN20090820_141633_000000512081_00440_39071_9719.N1	20-AUG-2009 14:16:33	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	39071	No
151	GOM_NL__2PRFIN20090820_142339_000000502081_00440_39071_9720.N1	20-AUG-2009 14:23:39	Twilight	49.500	18	24Alp PsA	1.1660	9700.0	99	39071	No
152	GOM_NL__2PRFIN20090820_142901_000000432081_00440_39071_9721.N1	20-AUG-2009 14:29:01	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	39071	No
153	GOM_NL__2PRFIN20090820_143221_000000412081_00440_39071_9722.N1	20-AUG-2009 14:32:21	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	39071	No
154	GOM_NL__2PRFIN20090820_143411_000000462081_00440_39071_9723.N1	20-AUG-2009 14:34:11	Bright	45.500	162	34Alp Aqr	2.9440	5350.0	91	39071	No
155	GOM_NL__2PRFIN20090820_143718_000000612081_00440_39071_9724.N1	20-AUG-2009 14:37:18	Bright	61.000	61	8Eps Peg	2.1000	3900.0	122	39071	No
156	GOM_NL__2PRFIN20090820_144551_000000342081_00440_39071_9725.N1	20-AUG-2009 14:45:51	Twilight	34.000	164	44Eta Peg	2.9480	5400.0	68	39071	No
157	GOM_NL__2PRFIN20090820_145638_000000482081_00440_39071_9726.N1	20-AUG-2009 14:56:38	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	39071	No
158	GOM_NL__2PRFIN20090820_145852_000000482081_00440_39071_9727.N1	20-AUG-2009 14:58:52	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	39071	No
159	GOM_NL__2PRFIN20090820_151208_000000512081_00440_39071_9728.N1	20-AUG-2009 15:12:08	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	39071	No
160	GOM_NL__2PRFIN20090820_151513_000000412081_00440_39071_9729.N1	20-AUG-2009 15:15:13	Bright	41.000	107	37The Aur	2.6490	11000.	82	39071	No

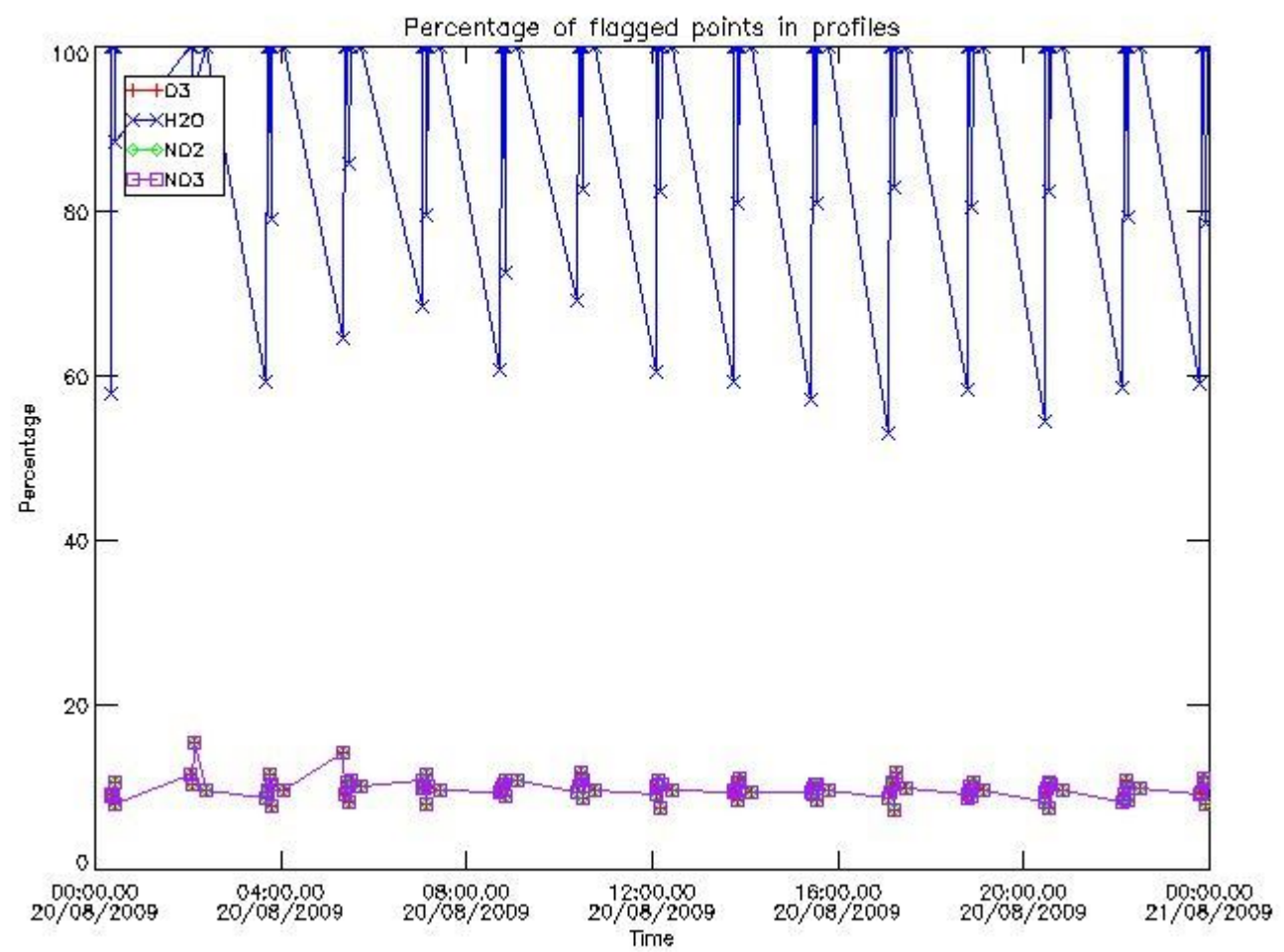
161	GOM_NL__2PRFIN20090820_151828_000000542081_00440_39071_9730.N1	20-AUG-2009 15:18:28	Twilight	54.000	28	12Bet Tau	1.6500	15200.	108	39071	No
162	GOM_NL__2PRFIN20090820_152058_000000502081_00440_39071_9731.N1	20-AUG-2009 15:20:58	Twilight	50.000	176	23Zet Tau	3.0200	22000.	100	39071	No
163	GOM_NL__2PRFIN20090820_152504_000000542081_00440_39071_9732.N1	20-AUG-2009 15:25:04	Dark	54.000	14	58Alp Ori	0.87000	3000.0	108	39071	No
164	GOM_NL__2PRFIN20090820_152631_000000562081_00440_39071_9733.N1	20-AUG-2009 15:26:31	Dark	56.000	27	24Gam Ori	1.6360	26000.	112	39071	No
165	GOM_NL__2PRFIN20090820_152828_000000522081_00440_39071_9734.N1	20-AUG-2009 15:28:28	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	39071	No
166	GOM_NL__2PRFIN20090820_152956_000000492081_00440_39071_9735.N1	20-AUG-2009 15:29:56	Dark	49.000	125	44Iot Ori	2.7700	30000.	98	39071	No
167	GOM_NL__2PRFIN20090820_153141_000000612081_00440_39071_9736.N1	20-AUG-2009 15:31:41	Dark	61.000	7	19Bet Ori	0.10000	14000.	122	39071	No
168	GOM_NL__2PRFIN20090820_153324_000000492081_00440_39071_9737.N1	20-AUG-2009 15:33:24	Dark	49.000	101	11Alp Lep	2.5820	7000.0	98	39071	No
169	GOM_NL__2PRFIN20090820_154746_000000532081_00441_39072_9727.N1	20-AUG-2009 15:47:46	Dark	52.500	157	The1Eri	2.9060	9300.0	105	39072	No
170	GOM_NL__2PRFIN20090820_155710_000000502081_00441_39072_9728.N1	20-AUG-2009 15:57:10	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	39072	No
171	GOM_NL__2PRFIN20090820_160415_000000502081_00441_39072_9729.N1	20-AUG-2009 16:04:15	Twilight	50.000	18	24Alp PsA	1.1660	9700.0	100	39072	No
172	GOM_NL__2PRFIN20090820_160937_000000422081_00441_39072_9730.N1	20-AUG-2009 16:09:37	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	39072	No
173	GOM_NL__2PRFIN20090820_161257_000000412081_00441_39072_9731.N1	20-AUG-2009 16:12:57	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	39072	No
174	GOM_NL__2PRFIN20090820_161447_000000442081_00441_39072_9732.N1	20-AUG-2009 16:14:47	Bright	44.000	162	34Alp Aqr	2.9440	5350.0	88	39072	No
175	GOM_NL__2PRFIN20090820_161754_000000602081_00441_39072_9733.N1	20-AUG-2009 16:17:54	Bright	60.000	61	8Eps Peg	2.1000	3900.0	120	39072	No
176	GOM_NL__2PRFIN20090820_162627_000000402081_00441_39072_9734.N1	20-AUG-2009 16:26:27	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	39072	No
177	GOM_NL__2PRFIN20090820_163714_000000482081_00441_39072_9735.N1	20-AUG-2009 16:37:14	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	39072	No
178	GOM_NL__2PRFIN20090820_163928_000000502081_00441_39072_9736.N1	20-AUG-2009 16:39:28	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	39072	No
179	GOM_NL__2PRFIN20090820_165244_000000522081_00441_39072_9737.N1	20-AUG-2009 16:52:44	Bright	52.000	6	13Alp Aur	0.080000	3400.0	104	39072	No
180	GOM_NL__2PRFIN20090820_165549_000000422081_00441_39072_9738.N1	20-AUG-2009 16:55:49	Bright	41.500	107	37The Aur	2.6490	11000.	83	39072	No
181	GOM_NL__2PRFIN20090820_165904_000000552081_00441_39072_9739.N1	20-AUG-2009 16:59:04	Twilight	55.000	28	12Bet Tau	1.6500	15200.	110	39072	No
182	GOM_NL__2PRFIN20090820_170134_000000502081_00441_39072_9740.N1	20-AUG-2009 17:01:34	Twilight	50.000	176	23Zet Tau	3.0200	22000.	100	39072	No
183	GOM_NL__2PRFIN20090820_170541_000000592081_00441_39072_9741.N1	20-AUG-2009 17:05:41	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	39072	No
184	GOM_NL__2PRFIN20090820_170707_000000552081_00441_39072_9742.N1	20-AUG-2009 17:07:07	Dark	54.500	27	24Gam Ori	1.6360	26000.	109	39072	No
185	GOM_NL__2PRFIN20090820_170905_000000532081_00441_39072_9743.N1	20-AUG-2009 17:09:05	Dark	53.000	30	46Eps Ori	1.6940	30000.	106	39072	No
186	GOM_NL__2PRFIN20090820_171032_000000502081_00441_39072_9744.N1	20-AUG-2009 17:10:32	Dark	49.500	125	44Iot Ori	2.7700	30000.	99	39072	No
187	GOM_NL__2PRFIN20090820_171218_000000712081_00441_39072_9745.N1	20-AUG-2009 17:12:18	Dark	71.000	7	19Bet Ori	0.10000	14000.	142	39072	No
188	GOM_NL__2PRFIN20090820_171401_000000482081_00441_39072_9746.N1	20-AUG-2009 17:14:01	Dark	47.500	101	11Alp Lep	2.5820	7000.0	95	39072	No
189	GOM_NL__2PRFIN20090820_172823_000000522081_00442_39073_9746.N1	20-AUG-2009 17:28:23	Dark	52.000	157	The1Eri	2.9060	9300.0	104	39073	No
190	GOM_NL__2PRFIN20090820_173747_000000592081_00442_39073_9747.N1	20-AUG-2009 17:37:47	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	39073	No
191	GOM_NL__2PRFIN20090820_174452_000000502081_00442_39073_9748.N1	20-AUG-2009 17:44:52	Twilight	49.500	18	24Alp PsA	1.1660	9700.0	99	39073	No
192	GOM_NL__2PRFIN20090820_175013_000000432081_00442_39073_9749.N1	20-AUG-2009 17:50:13	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	39073	No
193	GOM_NL__2PRFIN20090820_175333_000000412081_00442_39073_9750.N1	20-AUG-2009 17:53:33	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	39073	No
194	GOM_NL__2PRFIN20090820_175523_000000452081_00442_39073_9751.N1	20-AUG-2009 17:55:23	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	39073	No
195	GOM_NL__2PRFIN20090820_175830_000000602081_00442_39073_9752.N1	20-AUG-2009 17:58:30	Bright	60.000	61	8Eps Peg	2.1000	3900.0	120	39073	No
196	GOM_NL__2PRFIN20090820_180702_000000402081_00442_39073_9753.N1	20-AUG-2009 18:07:02	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	39073	No
197	GOM_NL__2PRFIN20090820_181749_000000472081_00442_39073_9754.N1	20-AUG-2009 18:17:49	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	39073	No
198	GOM_NL__2PRFIN20090820_182003_000000482081_00442_39073_9755.N1	20-AUG-2009 18:20:03	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	39073	No
199	GOM_NL__2PRFIN20090820_183320_000000522081_00442_39073_9756.N1	20-AUG-2009 18:33:20	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	39073	No
200	GOM_NL__2PRFIN20090820_183625_000000502081_00442_39073_9757.N1	20-AUG-2009 18:36:25	Bright	50.000	107	37The Aur	2.6490	11000.	100	39073	No
201	GOM_NL__2PRFIN20090820_183940_000000562081_00442_39073_9758.N1	20-AUG-2009 18:39:40	Twilight	56.000	28	12Bet Tau	1.6500	15200.	112	39073	No
202	GOM_NL__2PRFIN20090820_184210_000000502081_00442_39073_9759.N1	20-AUG-2009 18:42:10	Twilight	49.500	176	23Zet Tau	3.0200	22000.	99	39073	No
203	GOM_NL__2PRFIN20090820_184617_000000562081_00442_39073_9760.N1	20-AUG-2009 18:46:17	Dark	55.500	14	58Alp Ori	0.87000	3000.0	111	39073	No
204	GOM_NL__2PRFIN20090820_184744_000000582081_00442_39073_9761.N1	20-AUG-2009 18:47:44	Dark	58.000	27	24Gam Ori	1.6360	26000.	116	39073	No
205	GOM_NL__2PRFIN20090820_184941_000000532081_00442_39073_9762.N1	20-AUG-2009 18:49:41	Dark	52.500	30	46Eps Ori	1.6940	30000.	105	39073	No
206	GOM_NL__2PRFIN20090820_185109_000000502081_00442_39073_9763.N1	20-AUG-2009 18:51:09	Dark	50.000	125	44Iot Ori	2.7700	30000.	100	39073	No
207	GOM_NL__2PRFIN20090820_185255_000000572081_00442_39073_9764.N1	20-AUG-2009 18:52:55	Dark	57.000	7	19Bet Ori	0.10000	14000.	114	39073	No
208	GOM_NL__2PRFIN20090820_185437_000000492081_00442_39073_9765.N1	20-AUG-2009 18:54:37	Dark	48.500	101	11Alp Lep	2.5820	7000.0	97	39073	No
209	GOM_NL__2PRFIN20090820_190900_000000532081_00443_39074_9757.N1	20-AUG-2009 19:09:00	Dark	52.500	157	The1Eri	2.9060	9300.0	105	39074	No
210	GOM_NL__2PRFIN20090820_191824_000000592081_00443_39074_9758.N1	20-AUG-2009 19:18:24	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	39074	No
211	GOM_NL__2PRFIN20090820_192528_000000512081_00443_39074_9759.N1	20-AUG-2009 19:25:28	Twilight	50.500	18	24Alp PsA	1.1660	9700.0	101	39074	No
212	GOM_NL__2PRFIN20090820_193049_000000432081_00443_39074_9760.N1	20-AUG-2009 19:30:49	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	39074	No
213	GOM_NL__2PRFIN20090820_193409_000000402081_00443_39074_9761.N1	20-AUG-2009 19:34:09	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	39074	No
214	GOM_NL__2PRFIN20090820_193559_000000462081_00443_39074_9762.N1	20-AUG-2009 19:35:59	Bright	45.500	162	34Alp Aqr	2.9440	5350.0	91	39074	No
215	GOM_NL__2PRFIN20090820_193905_000000452081_00443_39074_9763.N1	20-AUG-2009 19:39:05	Bright	44.500	61	8Eps Peg	2.1000	3900.0	89	39074	No
216	GOM_NL__2PRFIN20090820_194737_000000462081_00443_39074_9764.N1	20-AUG-2009 19:47:37	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	39074	No
217	GOM_NL__2PRFIN20090820_195824_000000472081_00443_39074_9765.N1	20-AUG-2009 19:58:24	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	39074	No
218	GOM_NL__2PRFIN20090820_200038_000000492081_00443_39074_9766.N1	20-AUG-2009 20:00:38	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	39074	No
219	GOM_NL__2PRFIN20090820_201356_000000552081_00443_39074_9767.N1	20-AUG-2009 20:13:56	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	39074	No

220	GOM_NL__2PRFIN20090820_201701_000000412081_00443_39074_9768.N1	20-AUG-2009 20:17:01	Bright	40.500	107	37The Aur	2.6490	11000.	81	39074	No
221	GOM_NL__2PRFIN20090820_202016_000000552081_00443_39074_9769.N1	20-AUG-2009 20:20:16	Twilight	54.500	28	12Bet Tau	1.6500	15200.	109	39074	No
222	GOM_NL__2PRFIN20090820_202247_000000512081_00443_39074_9770.N1	20-AUG-2009 20:22:47	Twilight	50.500	176	23Zet Tau	3.0200	22000.	101	39074	No
223	GOM_NL__2PRFIN20090820_202653_000000632081_00443_39074_9771.N1	20-AUG-2009 20:26:53	Dark	63.000	14	58Alp Ori	0.87000	3000.0	126	39074	No
224	GOM_NL__2PRFIN20090820_202821_000000552081_00443_39074_9772.N1	20-AUG-2009 20:28:21	Dark	54.500	27	24Gam Ori	1.6360	26000.	109	39074	No
225	GOM_NL__2PRFIN20090820_203018_000000522081_00443_39074_9773.N1	20-AUG-2009 20:30:18	Dark	52.000	30	46Eps Ori	1.6940	30000.	104	39074	No
226	GOM_NL__2PRFIN20090820_203146_000000492081_00443_39074_9774.N1	20-AUG-2009 20:31:46	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	39074	No
227	GOM_NL__2PRFIN20090820_203332_000000692081_00443_39074_9775.N1	20-AUG-2009 20:33:32	Dark	69.000	7	19Bet Ori	0.10000	14000.	138	39074	No
228	GOM_NL__2PRFIN20090820_203514_000000492081_00443_39074_9776.N1	20-AUG-2009 20:35:14	Dark	49.000	101	11Alp Lep	2.5820	7000.0	98	39074	No
229	GOM_NL__2PRFIN20090820_204937_000000532081_00444_39075_9774.N1	20-AUG-2009 20:49:37	Dark	53.000	157	The1Eri	2.9060	9300.0	106	39075	No
230	GOM_NL__2PRFIN20090820_205900_000000482081_00444_39075_9775.N1	20-AUG-2009 20:59:00	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	39075	No
231	GOM_NL__2PRFIN20090820_210604_000000502081_00444_39075_9776.N1	20-AUG-2009 21:06:04	Twilight	49.500	18	24Alp PsA	1.1660	9700.0	99	39075	No
232	GOM_NL__2PRFIN20090820_211125_000000412081_00444_39075_9777.N1	20-AUG-2009 21:11:25	Bright	41.000	142	49Del Cap	2.8500	8900.0	82	39075	No
233	GOM_NL__2PRFIN20090820_211445_000000382081_00444_39075_9778.N1	20-AUG-2009 21:14:45	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	39075	No
234	GOM_NL__2PRFIN20090820_211635_000000442081_00444_39075_9779.N1	20-AUG-2009 21:16:35	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	39075	No
235	GOM_NL__2PRFIN20090820_211941_000000432081_00444_39075_9780.N1	20-AUG-2009 21:19:41	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	39075	No
236	GOM_NL__2PRFIN20090820_212812_000000462081_00444_39075_9781.N1	20-AUG-2009 21:28:12	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	39075	No
237	GOM_NL__2PRFIN20090820_213859_000000482081_00444_39075_9782.N1	20-AUG-2009 21:38:59	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	39075	No
238	GOM_NL__2PRFIN20090820_214113_000000472081_00444_39075_9783.N1	20-AUG-2009 21:41:13	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39075	No
239	GOM_NL__2PRFIN20090820_215432_000000512081_00444_39075_9784.N1	20-AUG-2009 21:54:32	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	39075	No
240	GOM_NL__2PRFIN20090820_215737_000000432081_00444_39075_9785.N1	20-AUG-2009 21:57:37	Bright	42.500	107	37The Aur	2.6490	11000.	85	39075	No
241	GOM_NL__2PRFIN20090820_220053_000000562081_00444_39075_9786.N1	20-AUG-2009 22:00:53	Twilight	56.000	28	12Bet Tau	1.6500	15200.	112	39075	No
242	GOM_NL__2PRFIN20090820_220323_000000522081_00444_39075_9787.N1	20-AUG-2009 22:03:23	Twilight	51.500	176	23Zet Tau	3.0200	22000.	103	39075	No
243	GOM_NL__2PRFIN20090820_220730_000000632081_00444_39075_9788.N1	20-AUG-2009 22:07:30	Dark	63.000	14	58Alp Ori	0.87000	3000.0	126	39075	No
244	GOM_NL__2PRFIN20090820_220857_000000592081_00444_39075_9789.N1	20-AUG-2009 22:08:57	Dark	59.000	27	24Gam Ori	1.6360	26000.	118	39075	No
245	GOM_NL__2PRFIN20090820_221055_000000562081_00444_39075_9790.N1	20-AUG-2009 22:10:55	Dark	55.500	30	46Eps Ori	1.6940	30000.	111	39075	No
246	GOM_NL__2PRFIN20090820_221222_000000482081_00444_39075_9791.N1	20-AUG-2009 22:12:22	Dark	47.500	125	44Iot Ori	2.7700	30000.	95	39075	No
247	GOM_NL__2PRFIN20090820_221409_000000612081_00444_39075_9792.N1	20-AUG-2009 22:14:09	Dark	60.500	7	19Bet Ori	0.10000	14000.	121	39075	No
248	GOM_NL__2PRFIN20090820_221551_000000522081_00444_39075_9793.N1	20-AUG-2009 22:15:51	Dark	51.500	101	11Alp Lep	2.5820	7000.0	103	39075	No
249	GOM_NL__2PRFIN20090820_223014_000000522081_00445_39076_9788.N1	20-AUG-2009 22:30:14	Dark	52.000	157	The1Eri	2.9060	9300.0	104	39076	No
250	GOM_NL__2PRFIN20090820_223937_000000612081_00445_39076_9789.N1	20-AUG-2009 22:39:37	Straylight	60.500	84	Alp Phe	2.3970	4500.0	121	39076	No
251	GOM_NL__2PRFIN20090820_224640_000000502081_00445_39076_9790.N1	20-AUG-2009 22:46:40	Twilight	50.000	18	24Alp PsA	1.1660	9700.0	100	39076	No
252	GOM_NL__2PRFIN20090820_225201_000000412081_00445_39076_9791.N1	20-AUG-2009 22:52:01	Bright	41.000	142	49Del Cap	2.8500	8900.0	82	39076	No
253	GOM_NL__2PRFIN20090820_225521_000000392081_00445_39076_9792.N1	20-AUG-2009 22:55:21	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	39076	No
254	GOM_NL__2PRFIN20090820_225710_000000462081_00445_39076_9793.N1	20-AUG-2009 22:57:10	Bright	45.500	162	34Alp Aqr	2.9440	5350.0	91	39076	No
255	GOM_NL__2PRFIN20090820_230017_000000412081_00445_39076_9794.N1	20-AUG-2009 23:00:17	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	39076	No
256	GOM_NL__2PRFIN20090820_230847_000000472081_00445_39076_9795.N1	20-AUG-2009 23:08:47	Bright	47.000	164	44Eta Peg	2.9480	5400.0	94	39076	No
257	GOM_NL__2PRFIN20090820_231934_000000482081_00445_39076_9796.N1	20-AUG-2009 23:19:34	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	39076	No
258	GOM_NL__2PRFIN20090820_232148_000000472081_00445_39076_9797.N1	20-AUG-2009 23:21:48	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39076	No
259	GOM_NL__2PRFIN20090820_233507_000000522081_00445_39076_9798.N1	20-AUG-2009 23:35:07	Bright	52.000	6	13Alp Aur	0.080000	3400.0	104	39076	No
260	GOM_NL__2PRFIN20090820_233813_000000432081_00445_39076_9799.N1	20-AUG-2009 23:38:13	Bright	42.500	107	37The Aur	2.6490	11000.	85	39076	No
261	GOM_NL__2PRFIN20090820_234129_000000572081_00445_39076_9800.N1	20-AUG-2009 23:41:29	Twilight	57.000	28	12Bet Tau	1.6500	15200.	114	39076	No
262	GOM_NL__2PRFIN20090820_234359_000000502081_00445_39076_9801.N1	20-AUG-2009 23:43:59	Twilight	50.000	176	23Zet Tau	3.0200	22000.	100	39076	No
263	GOM_NL__2PRFIN20090820_234806_000000562081_00445_39076_9802.N1	20-AUG-2009 23:48:06	Dark	55.500	14	58Alp Ori	0.87000	3000.0	111	39076	No
264	GOM_NL__2PRFIN20090820_234934_000000552081_00445_39076_9803.N1	20-AUG-2009 23:49:34	Dark	54.500	27	24Gam Ori	1.6360	26000.	109	39076	No
265	GOM_NL__2PRFIN20090820_235131_000000502081_00445_39076_9804.N1	20-AUG-2009 23:51:31	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	39076	No
266	GOM_NL__2PRFIN20090820_235259_000000492081_00445_39076_9805.N1	20-AUG-2009 23:52:59	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	39076	No
267	GOM_NL__2PRFIN20090820_235445_000000642081_00445_39076_9806.N1	20-AUG-2009 23:54:45	Dark	63.500	7	19Bet Ori	0.10000	14000.	127	39076	No
268	GOM_NL__2PRFIN20090820_235628_000000492081_00445_39076_9807.N1	20-AUG-2009 23:56:28	Dark	48.500	101	11Alp Lep	2.5820	7000.0	97	39076	No

3. Quality information per product

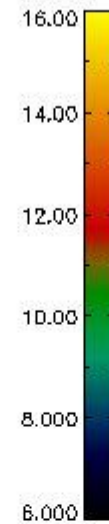
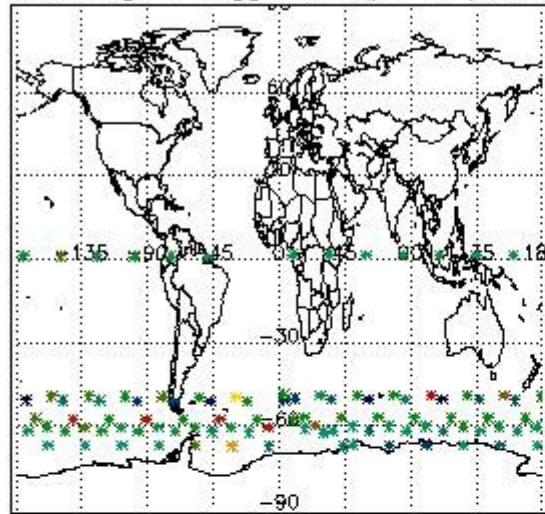
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

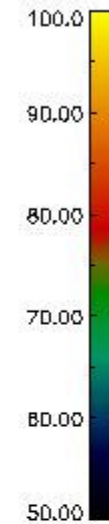
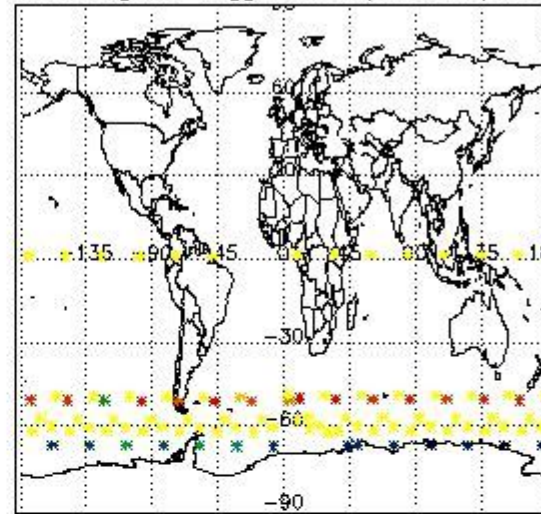


3.2 Plot quality information per product (world map)

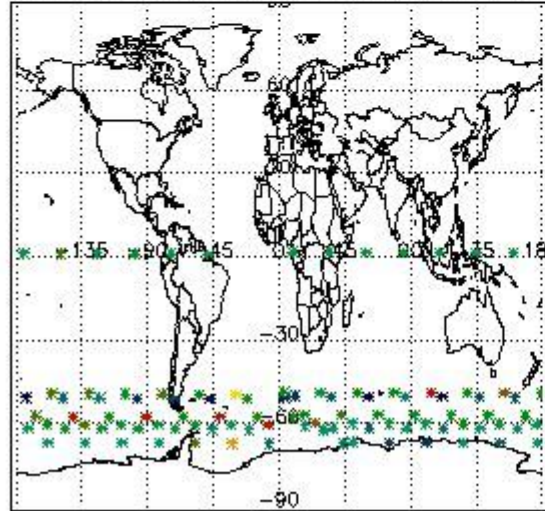
Percentage of flagged data per O3 profile



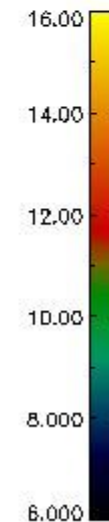
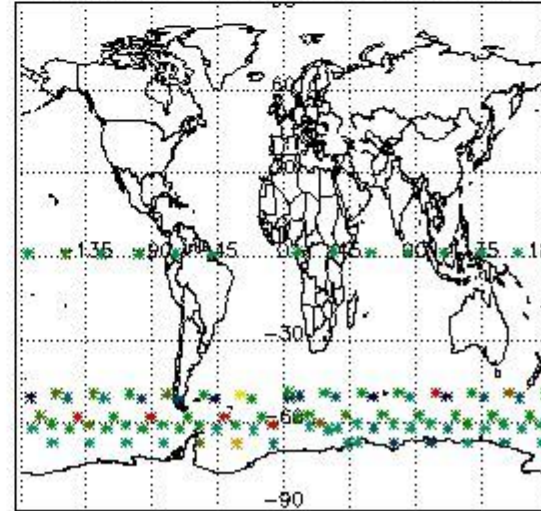
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

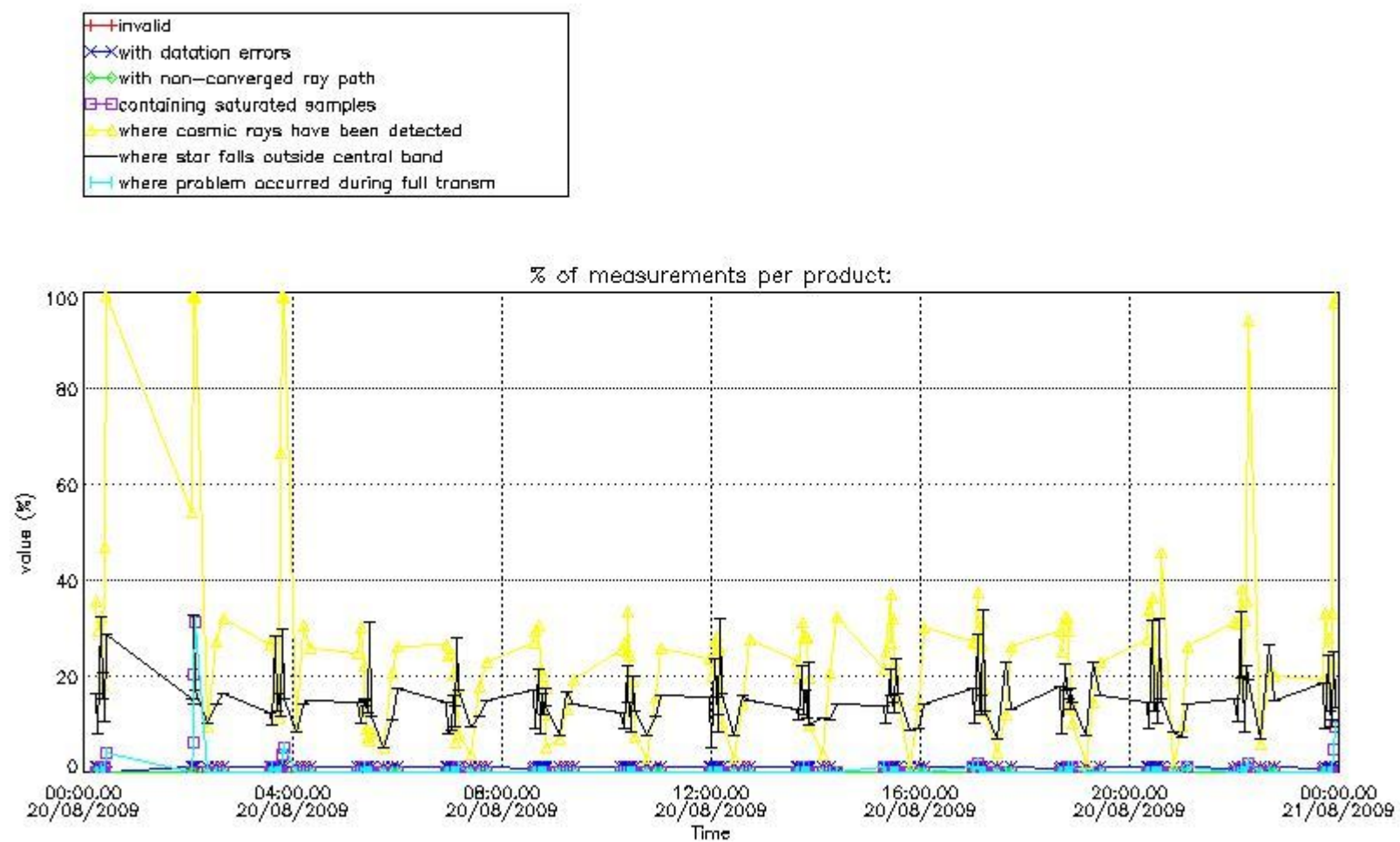


4. Level 1 quality information per product

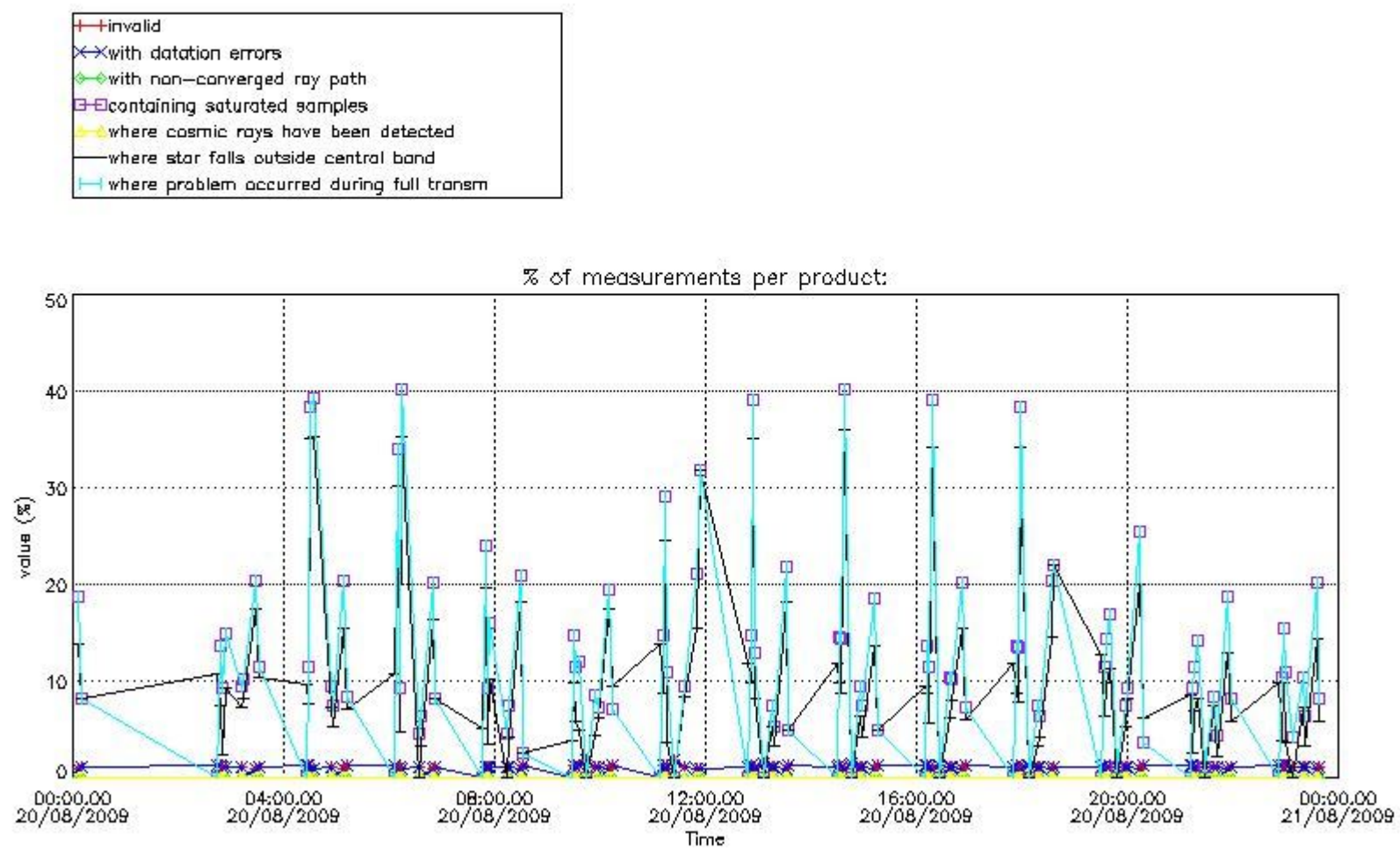
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



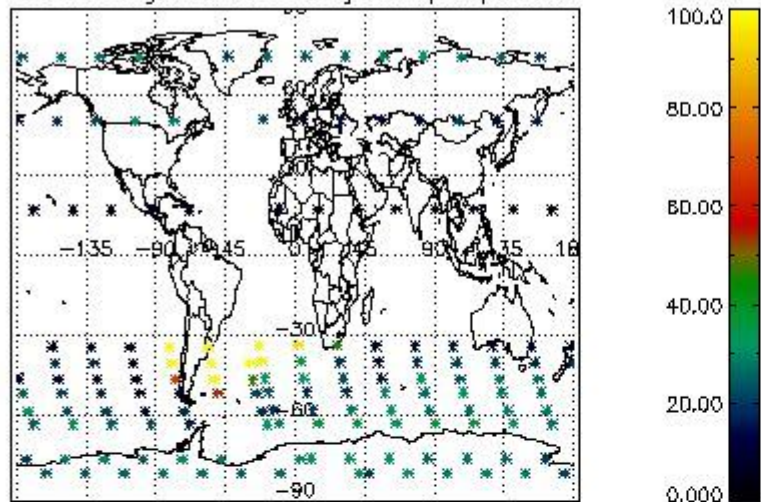
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



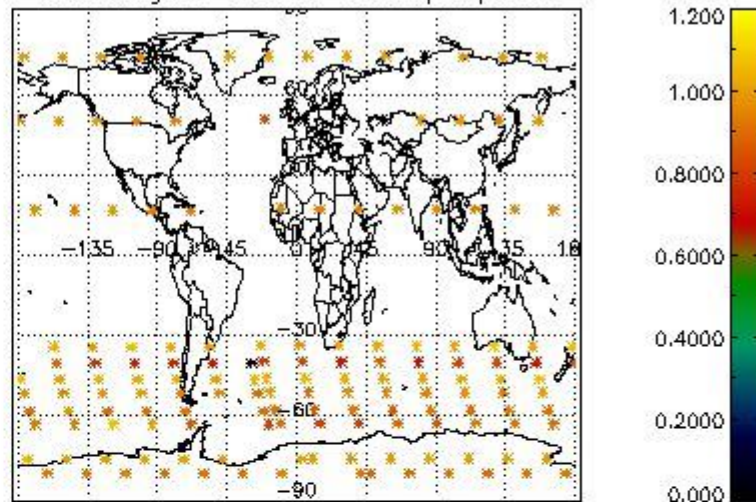
4.2 Plot quality information per product coming from level 1b processing (world map)

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

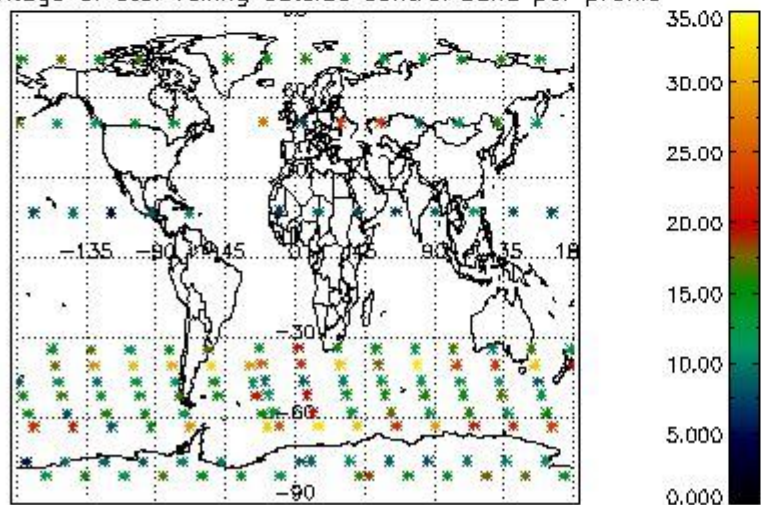
Percentage of cosmic ray hits per profile



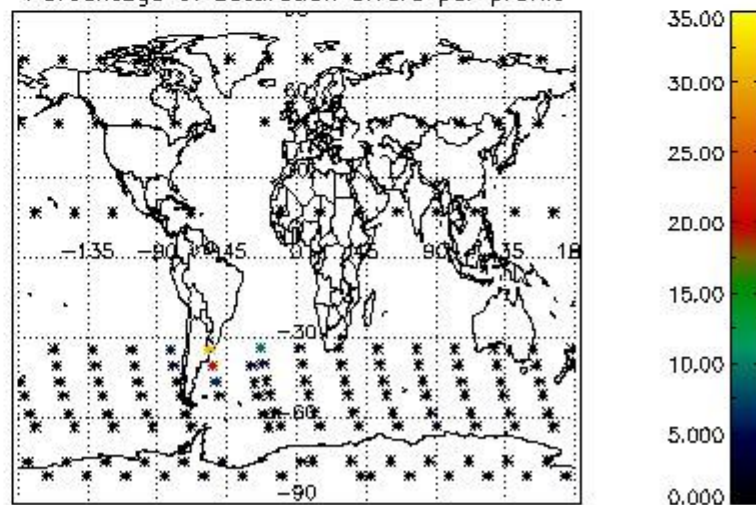
Percentage of datation errors per profile



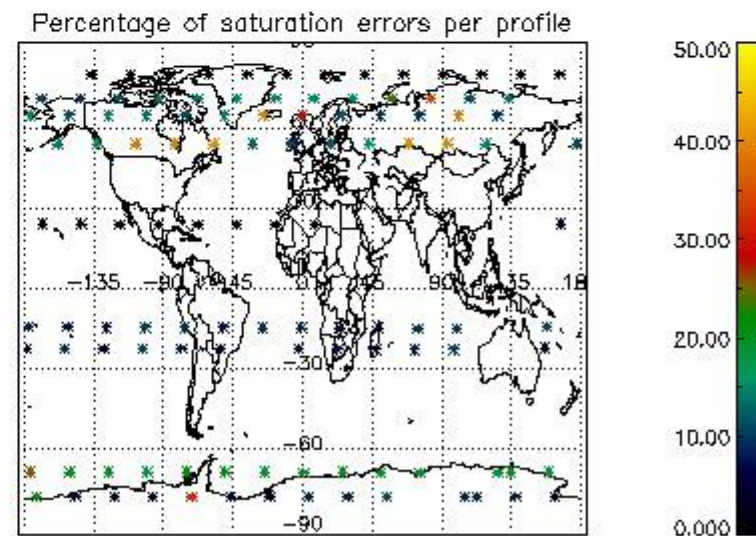
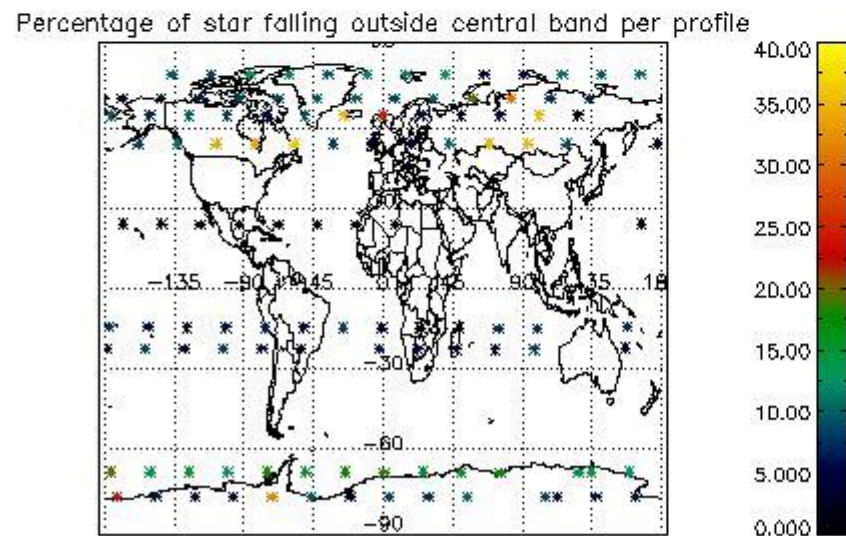
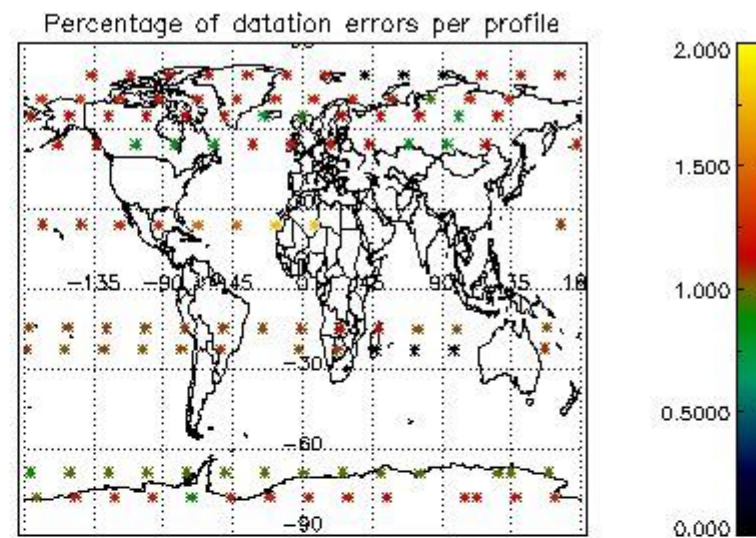
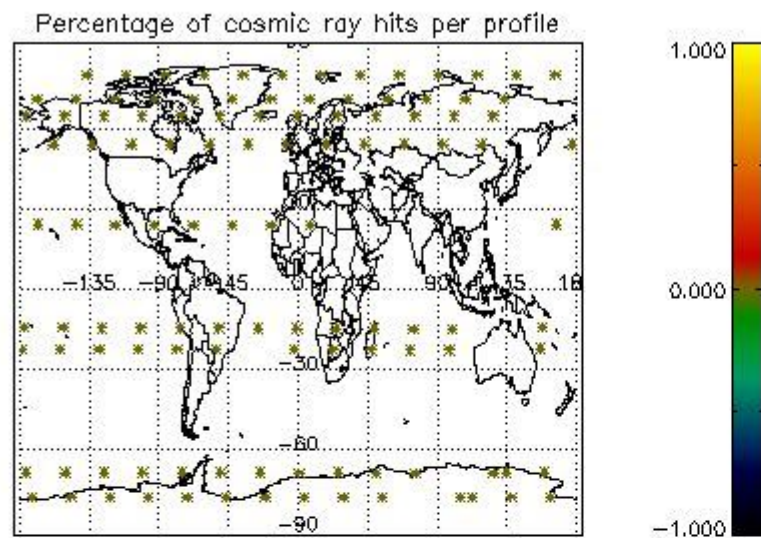
Percentage of star falling outside central band per profile



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

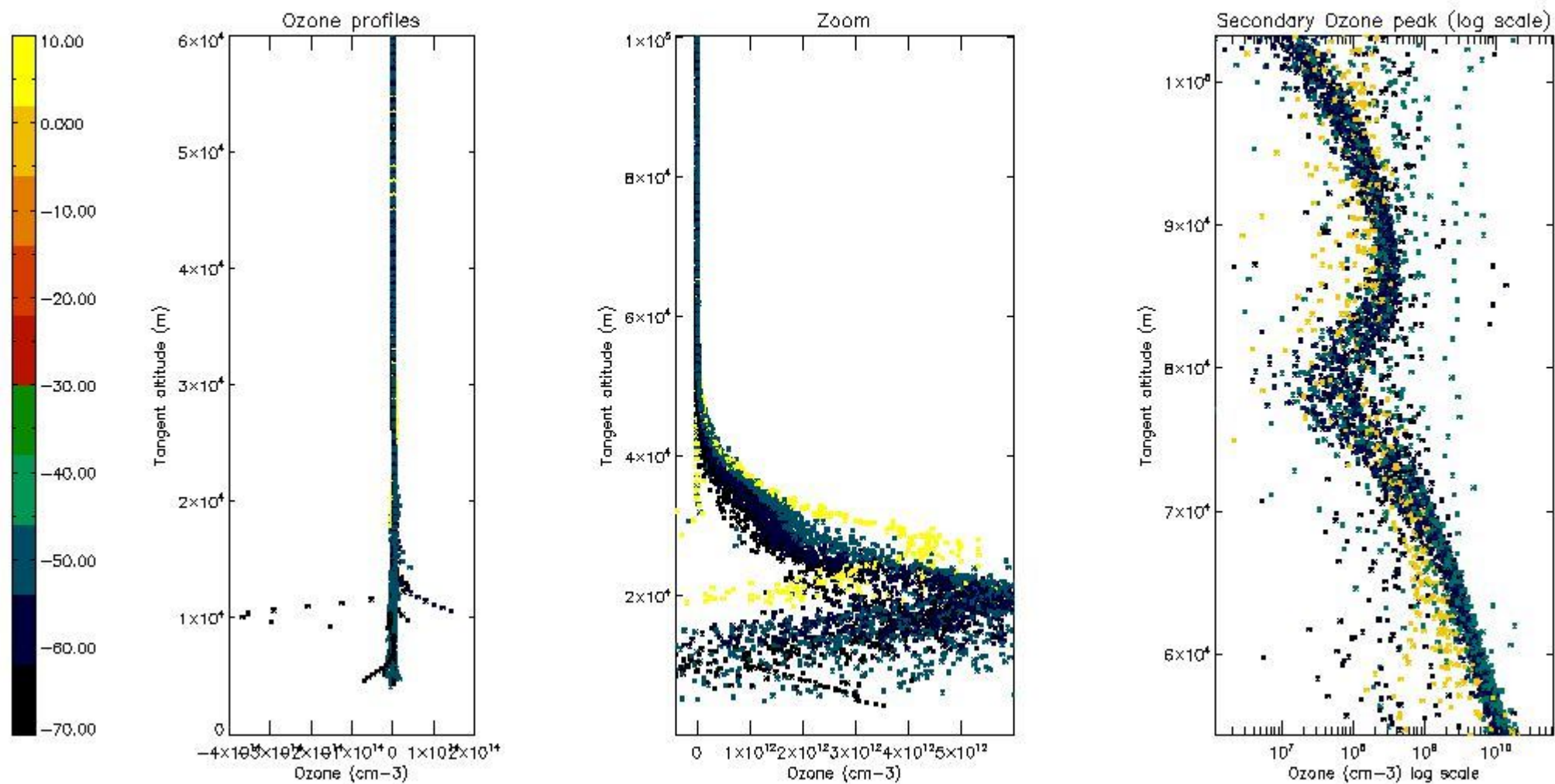
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	41
STD < 20	23

STD < 10	18
STD < 5	12

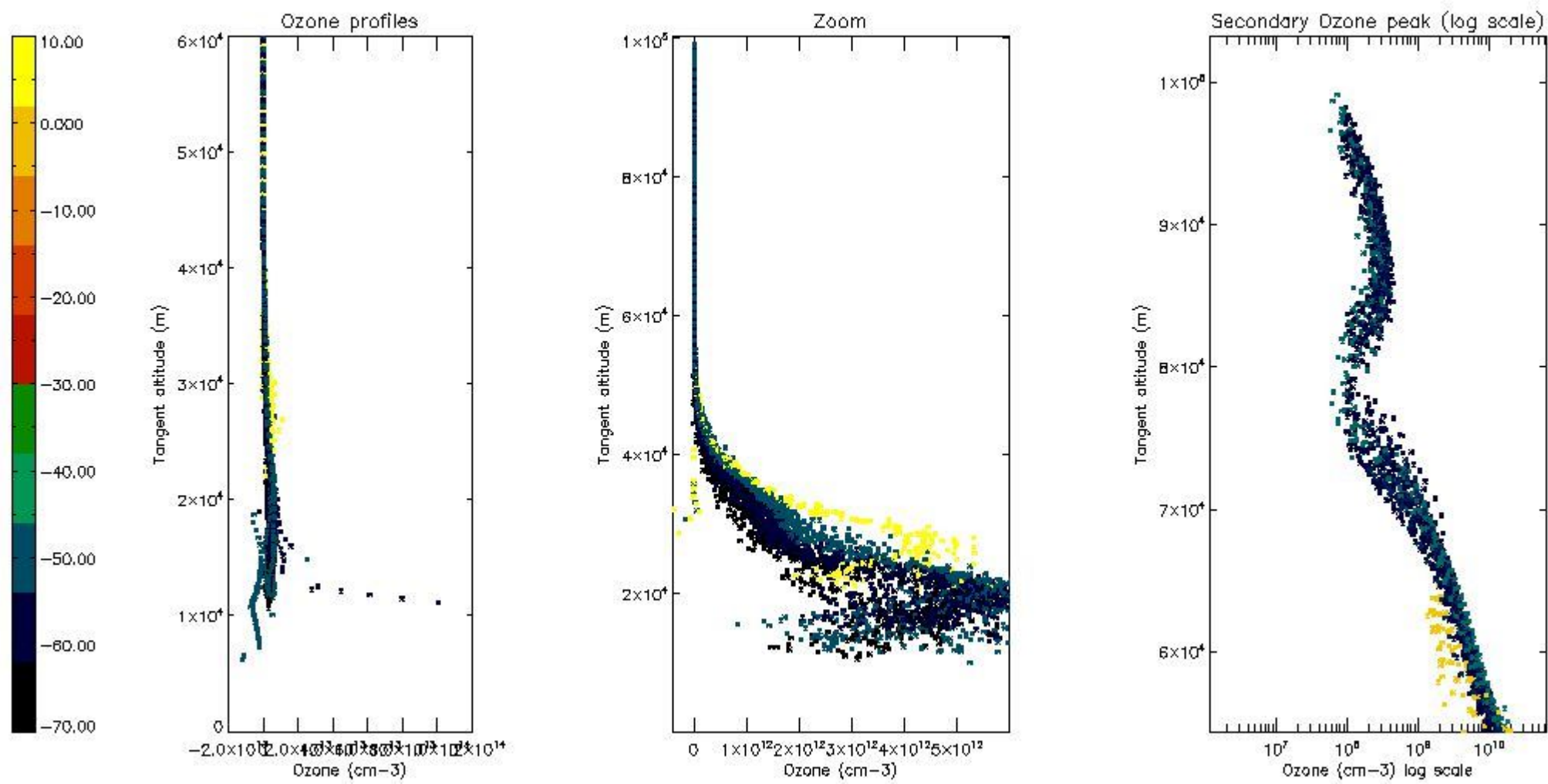
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



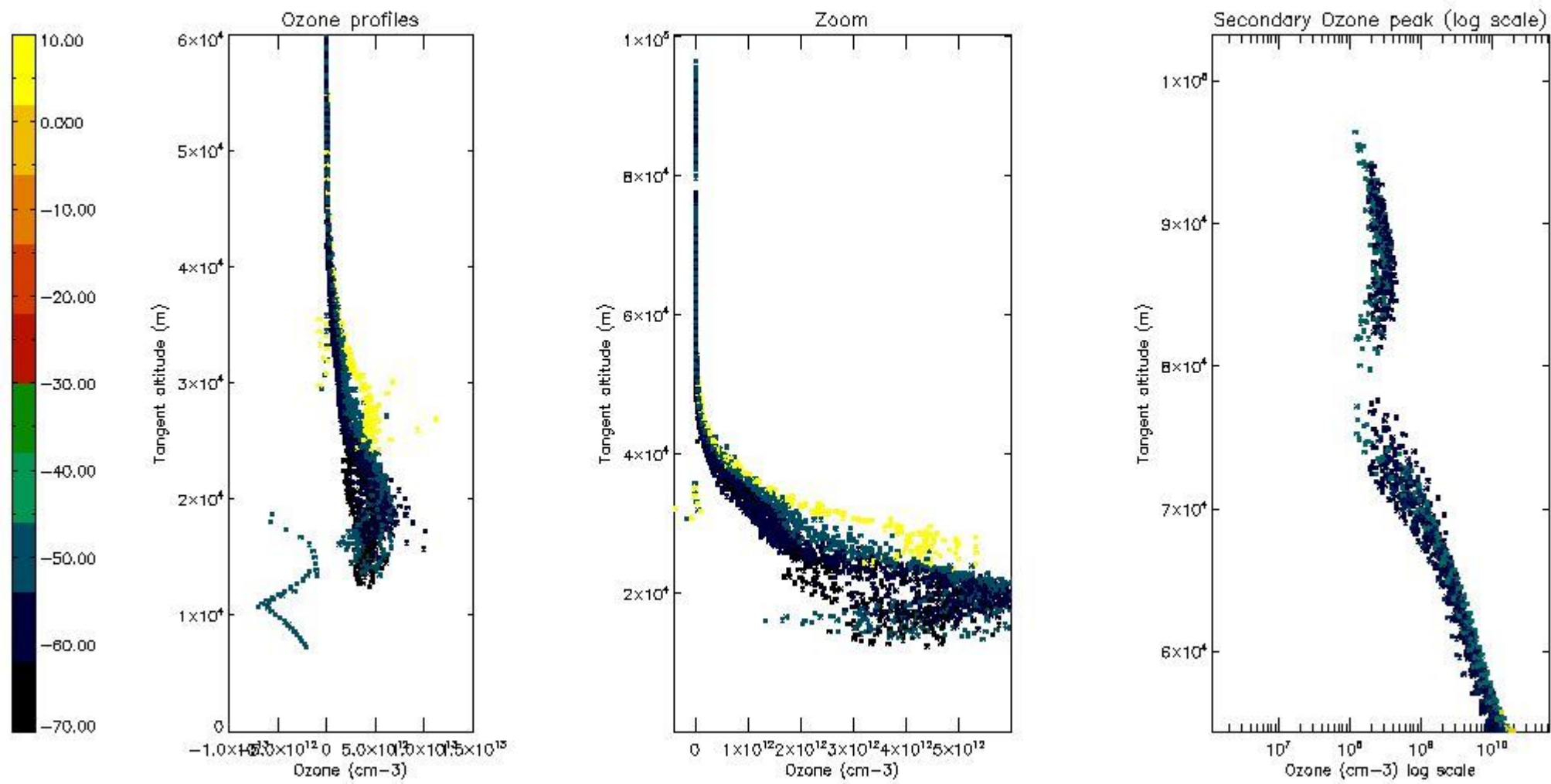
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



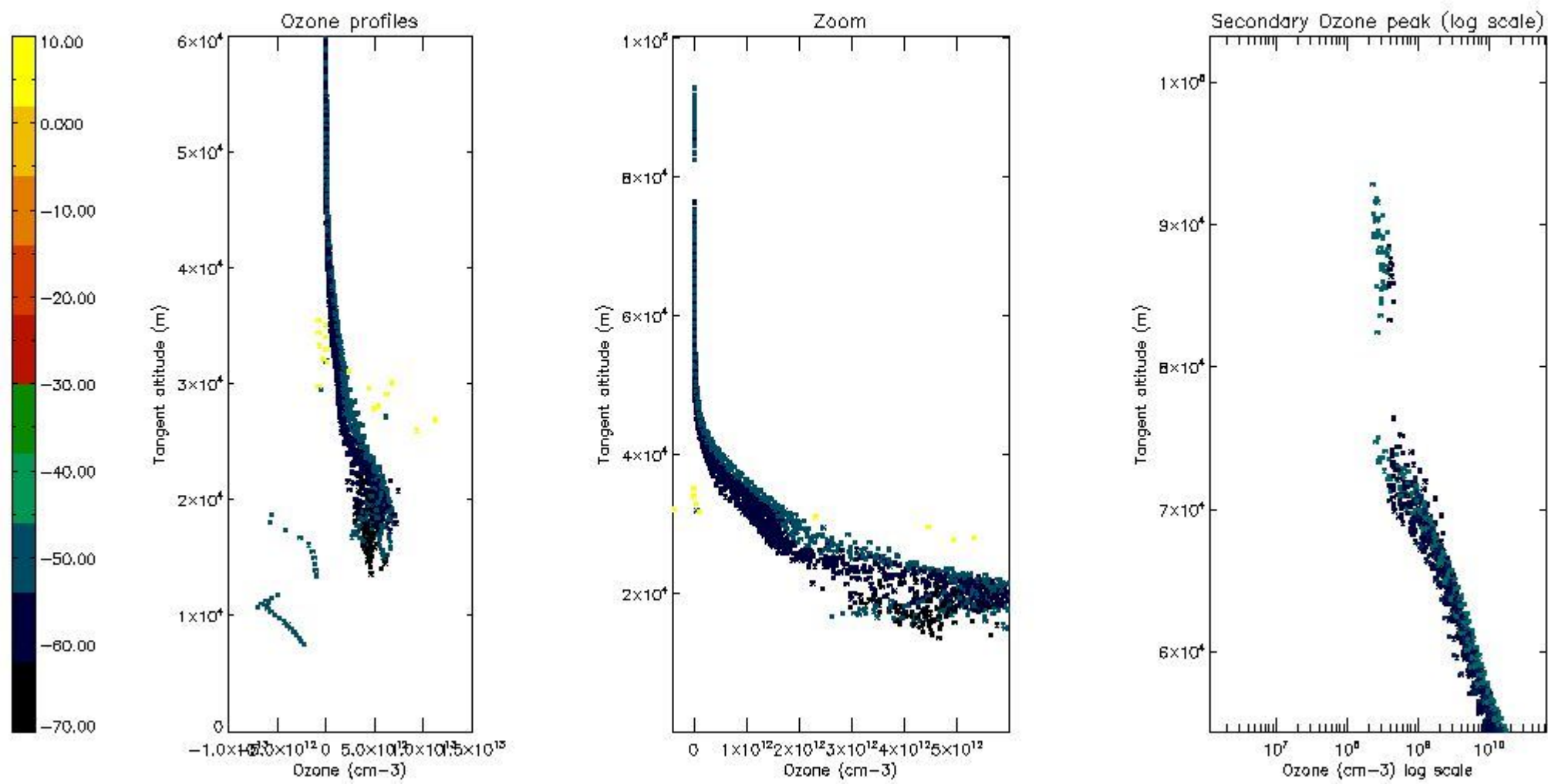
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



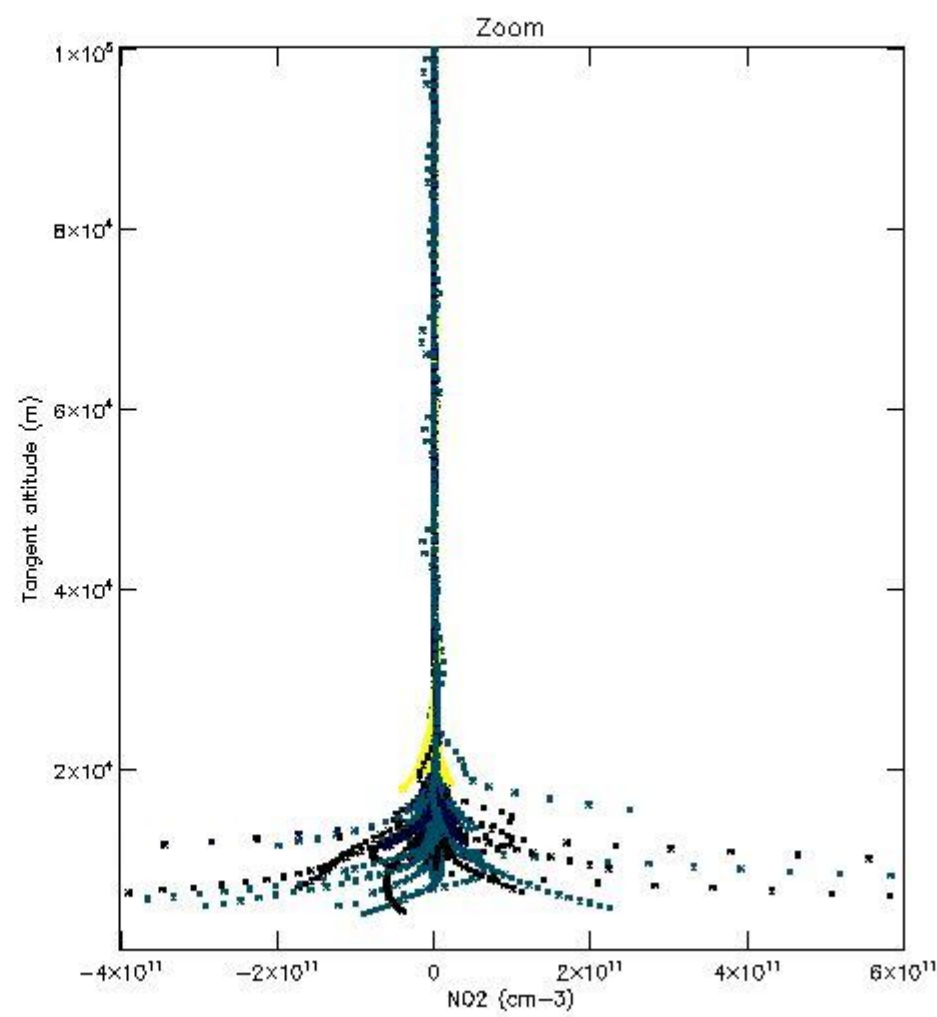
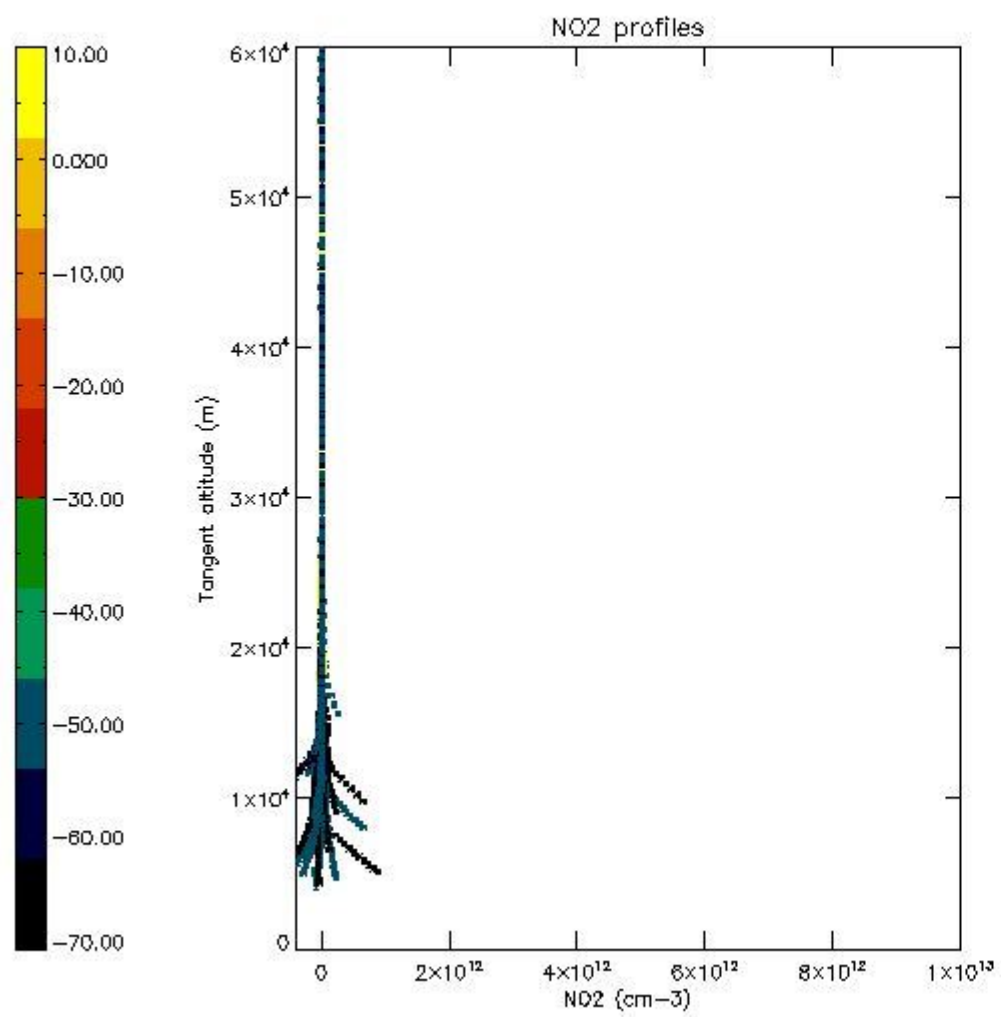
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



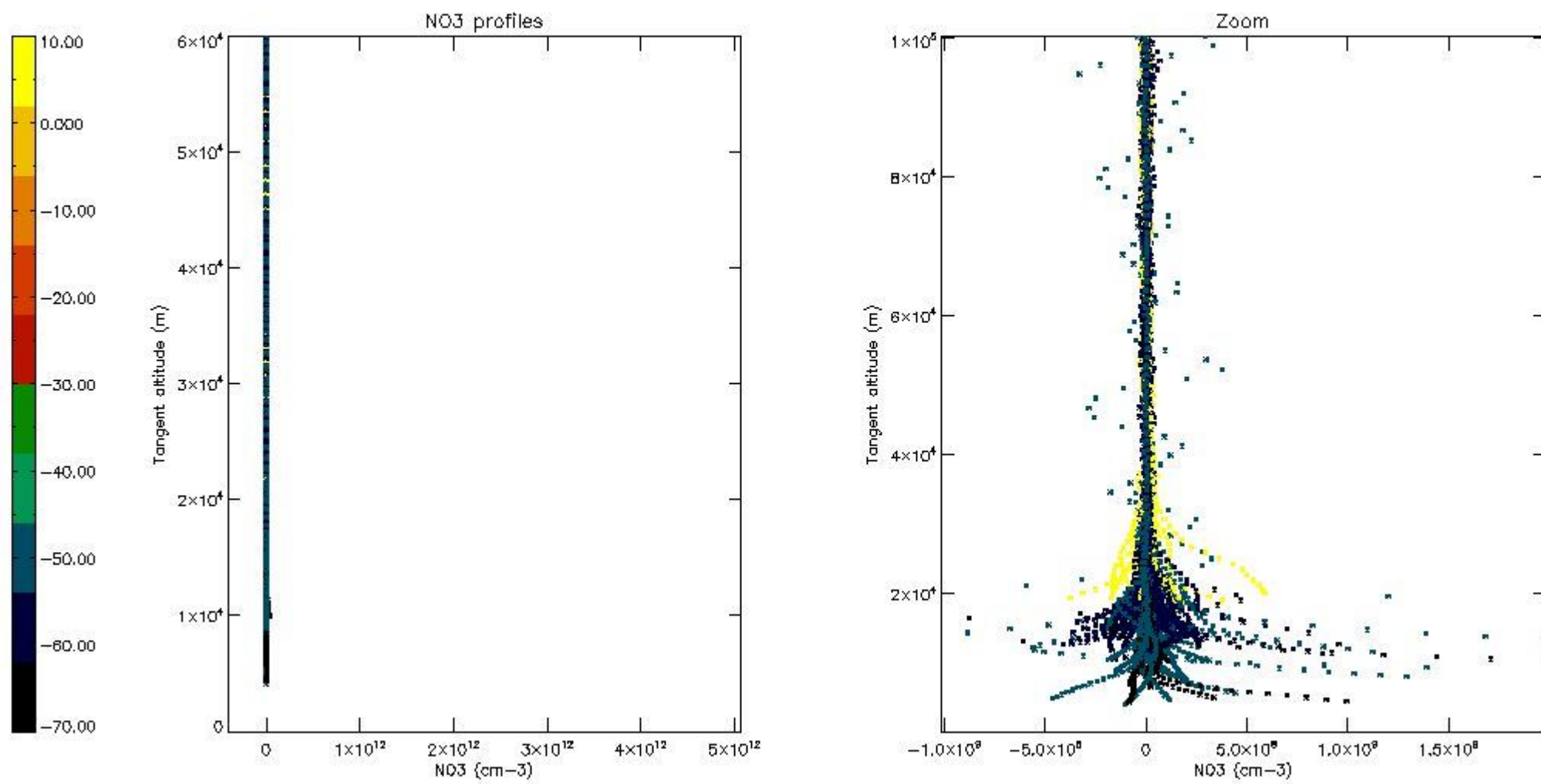
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



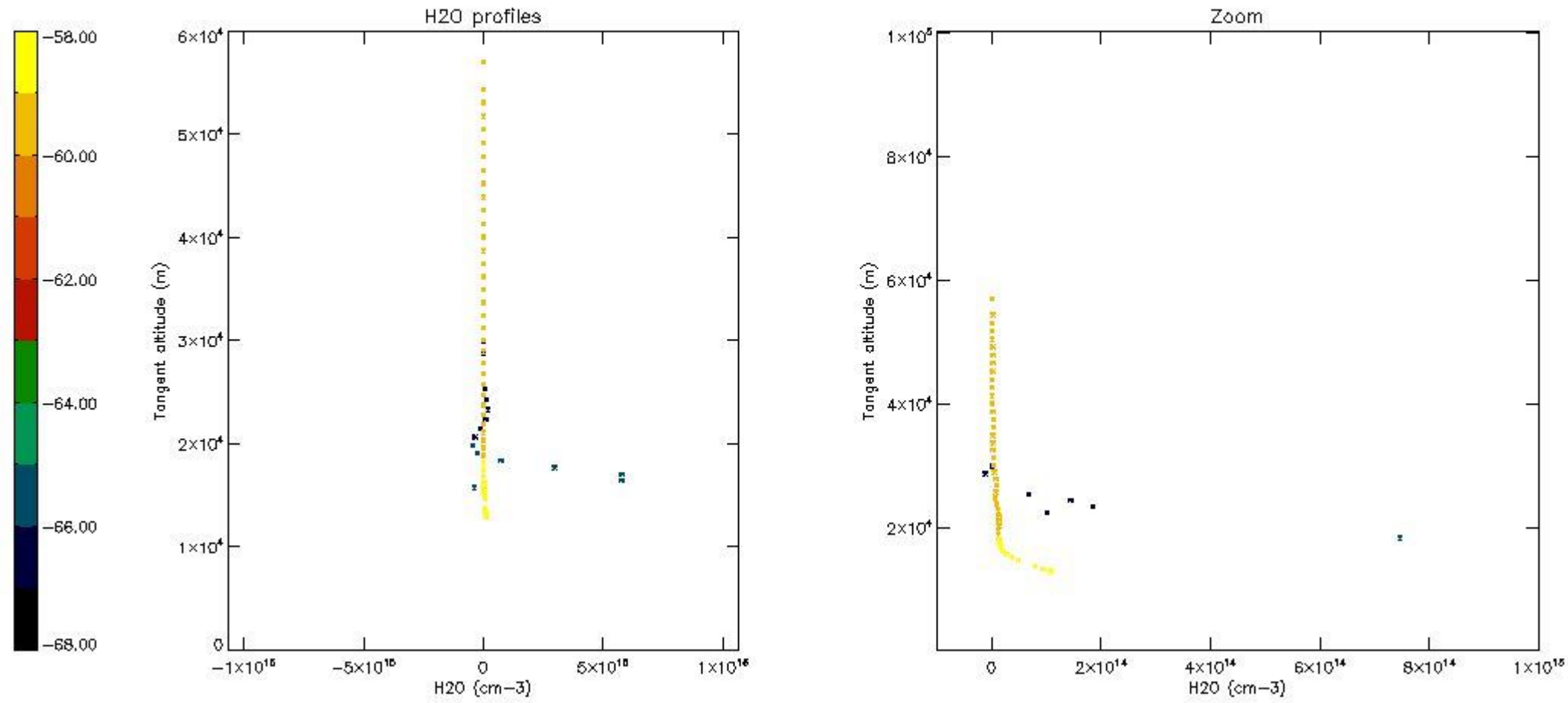
5.7 Plot NO3 profiles for all STD (dark without errors)

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	20-AUG-2009 00:06:46
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	20-AUG-2009 00:06:46
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	20-AUG-2009 00:06:46

GOMOS Level 2 Daily Report

SUMMARY

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[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	26APR2013 12:00:09
Data source version	GOMOS/6.01
Start time of products	20-08-2009 (20AUG2009 00:00:00)
Stop time of products	21-08-2009 (21AUG2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	268
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__2PRFIN20090820_000646_000000512081_00431_39062_9562.N1	20-AUG-2009 00:06:46	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	39062	No
2	GOM_NL__2PRFIN20090820_000949_000000432081_00431_39062_9563.N1	20-AUG-2009 00:09:49	Bright	42.500	107	37The Aur	2.6490	11000.	85	39062	No
3	GOM_NL__2PRFIN20090820_001302_000000552081_00431_39062_9564.N1	20-AUG-2009 00:13:02	Twilight	54.500	28	12Bet Tau	1.6500	15200.	109	39062	No
4	GOM_NL__2PRFIN20090820_001531_000000502081_00431_39062_9565.N1	20-AUG-2009 00:15:31	Twilight	49.500	176	23Zet Tau	3.0200	22000.	99	39062	No
5	GOM_NL__2PRFIN20090820_001936_000000622081_00431_39062_9566.N1	20-AUG-2009 00:19:36	Dark	62.000	14	58Alp Ori	0.87000	3000.0	124	39062	No
6	GOM_NL__2PRFIN20090820_002101_000000562081_00431_39062_9567.N1	20-AUG-2009 00:21:01	Dark	55.500	27	24Gam Ori	1.6360	26000.	111	39062	No
7	GOM_NL__2PRFIN20090820_002258_000000562081_00431_39062_9568.N1	20-AUG-2009 00:22:58	Dark	55.500	30	46Eps Ori	1.6940	30000.	111	39062	No
8	GOM_NL__2PRFIN20090820_002425_000000482081_00431_39062_9569.N1	20-AUG-2009 00:24:25	Dark	48.000	125	44Iot Ori	2.7700	30000.	96	39062	No
9	GOM_NL__2PRFIN20090820_002609_000000652081_00431_39062_9570.N1	20-AUG-2009 00:26:09	Dark	64.500	7	19Bet Ori	0.10000	14000.	129	39062	No
10	GOM_NL__2PRFIN20090820_020335_000000532081_00432_39063_9567.N1	20-AUG-2009 02:03:35	Dark	52.500	30	46Eps Ori	1.6940	30000.	105	39063	No
11	GOM_NL__2PRFIN20090820_020502_000000502081_00432_39063_9568.N1	20-AUG-2009 02:05:02	Dark	49.500	125	44Iot Ori	2.7700	30000.	99	39063	No
12	GOM_NL__2PRFIN20090820_020646_000000692081_00432_39063_9569.N1	20-AUG-2009 02:06:46	Dark	69.000	7	19Bet Ori	0.10000	14000.	138	39063	No
13	GOM_NL__2PRFIN20090820_020830_000000502081_00432_39063_9570.N1	20-AUG-2009 02:08:30	Dark	49.500	101	11Alp Lep	2.5820	7000.0	99	39063	No
14	GOM_NL__2PRFIN20090820_022248_000000542081_00433_39064_9578.N1	20-AUG-2009 02:22:48	Dark	53.500	157	The1Eri	2.9060	9300.0	107	39064	No
15	GOM_NL__2PRFIN20090820_023216_000000532081_00433_39064_9579.N1	20-AUG-2009 02:32:16	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	39064	No
16	GOM_NL__2PRFIN20090820_023925_000000522081_00433_39064_9580.N1	20-AUG-2009 02:39:25	Twilight	51.500	18	24Alp PsA	1.1660	9700.0	103	39064	No
17	GOM_NL__2PRFIN20090820_024448_000000422081_00433_39064_9581.N1	20-AUG-2009 02:44:48	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	39064	No
18	GOM_NL__2PRFIN20090820_024809_000000412081_00433_39064_9582.N1	20-AUG-2009 02:48:09	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	39064	No
19	GOM_NL__2PRFIN20090820_025001_000000432081_00433_39064_9583.N1	20-AUG-2009 02:50:01	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	39064	No
20	GOM_NL__2PRFIN20090820_025308_000000442081_00433_39064_9584.N1	20-AUG-2009 02:53:08	Bright	43.500	61	8Eps Peg	2.1000	3900.0	87	39064	No
21	GOM_NL__2PRFIN20090820_031232_000000482081_00433_39064_9585.N1	20-AUG-2009 03:12:32	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	39064	No
22	GOM_NL__2PRFIN20090820_031446_000000492081_00433_39064_9586.N1	20-AUG-2009 03:14:46	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	39064	No
23	GOM_NL__2PRFIN20090820_032757_000000522081_00433_39064_9587.N1	20-AUG-2009 03:27:57	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	39064	No
24	GOM_NL__2PRFIN20090820_033101_000000442081_00433_39064_9588.N1	20-AUG-2009 03:31:01	Bright	43.500	107	37The Aur	2.6490	11000.	87	39064	No
25	GOM_NL__2PRFIN20090820_033415_000000532081_00433_39064_9589.N1	20-AUG-2009 03:34:15	Twilight	52.500	28	12Bet Tau	1.6500	15200.	105	39064	No
26	GOM_NL__2PRFIN20090820_033644_000000512081_00433_39064_9590.N1	20-AUG-2009 03:36:44	Twilight	50.500	176	23Zet Tau	3.0200	22000.	101	39064	No
27	GOM_NL__2PRFIN20090820_034049_000000582081_00433_39064_9591.N1	20-AUG-2009 03:40:49	Dark	58.000	14	58Alp Ori	0.87000	3000.0	116	39064	No
28	GOM_NL__2PRFIN20090820_034214_000000552081_00433_39064_9592.N1	20-AUG-2009 03:42:14	Dark	54.500	27	24Gam Ori	1.6360	26000.	109	39064	No
29	GOM_NL__2PRFIN20090820_034411_000000532081_00433_39064_9593.N1	20-AUG-2009 03:44:11	Dark	52.500	30	46Eps Ori	1.6940	30000.	105	39064	No
30	GOM_NL__2PRFIN20090820_034539_000000482081_00433_39064_9594.N1	20-AUG-2009 03:45:39	Dark	48.000	125	44Iot Ori	2.7700	30000.	96	39064	No
31	GOM_NL__2PRFIN20090820_034723_000000672081_00433_39064_9595.N1	20-AUG-2009 03:47:23	Dark	67.000	7	19Bet Ori	0.10000	14000.	134	39064	No
32	GOM_NL__2PRFIN20090820_034907_000000492081_00433_39064_9596.N1	20-AUG-2009 03:49:07	Dark	49.000	101	11Alp Lep	2.5820	7000.0	98	39064	No
33	GOM_NL__2PRFIN20090820_040325_000000532081_00434_39065_9592.N1	20-AUG-2009 04:03:25	Dark	53.000	157	The1Eri	2.9060	9300.0	106	39065	No
34	GOM_NL__2PRFIN20090820_041253_000000532081_00434_39065_9593.N1	20-AUG-2009 04:12:53	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	39065	No
35	GOM_NL__2PRFIN20090820_042001_000000512081_00434_39065_9594.N1	20-AUG-2009 04:20:01	Twilight	50.500	18	24Alp PsA	1.1660	9700.0	101	39065	No
36	GOM_NL__2PRFIN20090820_042524_000000422081_00434_39065_9595.N1	20-AUG-2009 04:25:24	Bright	41.500	142	49Del Cap	2.8500	8900.0	83	39065	No
37	GOM_NL__2PRFIN20090820_042845_000000402081_00434_39065_9596.N1	20-AUG-2009 04:28:45	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	39065	No
38	GOM_NL__2PRFIN20090820_043037_000000642081_00434_39065_9597.N1	20-AUG-2009 04:30:37	Bright	64.000	162	34Alp Aqr	2.9440	5350.0	128	39065	No
39	GOM_NL__2PRFIN20090820_043344_000000612081_00434_39065_9598.N1	20-AUG-2009 04:33:44	Bright	61.000	61	8Eps Peg	2.1000	3900.0	122	39065	No
40	GOM_NL__2PRFIN20090820_045307_000000482081_00434_39065_9599.N1	20-AUG-2009 04:53:07	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	39065	No
41	GOM_NL__2PRFIN20090820_045521_000000482081_00434_39065_9600.N1	20-AUG-2009 04:55:21	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	39065	No
42	GOM_NL__2PRFIN20090820_050833_000000522081_00434_39065_9601.N1	20-AUG-2009 05:08:33	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	39065	No

43	GOM_NL__2PRFIN20090820_051137_000000422081_00434_39065_9602.N1	20-AUG-2009 05:11:37	Bright	42.000	107	37The Aur	2.6490	11000.	84	39065	No
44	GOM_NL__2PRFIN20090820_051451_000000552081_00434_39065_9603.N1	20-AUG-2009 05:14:51	Twilight	54.500	28	12Bet Tau	1.6500	15200.	109	39065	No
45	GOM_NL__2PRFIN20090820_051720_000000502081_00434_39065_9604.N1	20-AUG-2009 05:17:20	Twilight	49.500	176	23Zet Tau	3.0200	22000.	99	39065	No
46	GOM_NL__2PRFIN20090820_052125_000000502081_00434_39065_9605.N1	20-AUG-2009 05:21:25	Dark	50.000	14	58Alp Ori	0.87000	3000.0	100	39065	No
47	GOM_NL__2PRFIN20090820_052251_000000562081_00434_39065_9606.N1	20-AUG-2009 05:22:51	Dark	56.000	27	24Gam Ori	1.6360	26000.	112	39065	No
48	GOM_NL__2PRFIN20090820_052448_000000512081_00434_39065_9607.N1	20-AUG-2009 05:24:48	Dark	50.500	30	46Eps Ori	1.6940	30000.	101	39065	No
49	GOM_NL__2PRFIN20090820_052616_000000492081_00434_39065_9608.N1	20-AUG-2009 05:26:16	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	39065	No
50	GOM_NL__2PRFIN20090820_052800_000000682081_00434_39065_9609.N1	20-AUG-2009 05:28:00	Dark	67.500	7	19Bet Ori	0.10000	14000.	135	39065	No
51	GOM_NL__2PRFIN20090820_052944_000000472081_00434_39065_9610.N1	20-AUG-2009 05:29:44	Dark	47.000	101	11Alp Lep	2.5820	7000.0	94	39065	No
52	GOM_NL__2PRFIN20090820_054403_000000512081_00435_39066_9611.N1	20-AUG-2009 05:44:03	Dark	50.500	157	The1Eri	2.9060	9300.0	101	39066	No
53	GOM_NL__2PRFIN20090820_055330_000000512081_00435_39066_9612.N1	20-AUG-2009 05:53:30	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	39066	No
54	GOM_NL__2PRFIN20090820_060038_000000522081_00435_39066_9613.N1	20-AUG-2009 06:00:38	Twilight	51.500	18	24Alp PsA	1.1660	9700.0	103	39066	No
55	GOM_NL__2PRFIN20090820_060601_000000422081_00435_39066_9614.N1	20-AUG-2009 06:06:01	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	39066	No
56	GOM_NL__2PRFIN20090820_060922_000000532081_00435_39066_9615.N1	20-AUG-2009 06:09:22	Bright	53.000	154	22Bet Aqr	2.8990	5700.0	106	39066	No
57	GOM_NL__2PRFIN20090820_061113_000000432081_00435_39066_9616.N1	20-AUG-2009 06:11:13	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	39066	No
58	GOM_NL__2PRFIN20090820_061420_000000612081_00435_39066_9617.N1	20-AUG-2009 06:14:20	Bright	61.000	61	8Eps Peg	2.1000	3900.0	122	39066	No
59	GOM_NL__2PRFIN20090820_063343_000000452081_00435_39066_9618.N1	20-AUG-2009 06:33:43	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	39066	No
60	GOM_NL__2PRFIN20090820_063557_000000472081_00435_39066_9619.N1	20-AUG-2009 06:35:57	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	39066	No
61	GOM_NL__2PRFIN20090820_064909_000000522081_00435_39066_9620.N1	20-AUG-2009 06:49:09	Bright	52.000	6	13Alp Aur	0.080000	3400.0	104	39066	No
62	GOM_NL__2PRFIN20090820_065213_000000432081_00435_39066_9621.N1	20-AUG-2009 06:52:13	Bright	42.500	107	37The Aur	2.6490	11000.	85	39066	No
63	GOM_NL__2PRFIN20090820_065527_000000552081_00435_39066_9622.N1	20-AUG-2009 06:55:27	Twilight	54.500	28	12Bet Tau	1.6500	15200.	109	39066	No
64	GOM_NL__2PRFIN20090820_065757_000000502081_00435_39066_9623.N1	20-AUG-2009 06:57:57	Twilight	49.500	176	23Zet Tau	3.0200	22000.	99	39066	No
65	GOM_NL__2PRFIN20090820_070202_000000472081_00435_39066_9624.N1	20-AUG-2009 07:02:02	Dark	46.500	14	58Alp Ori	0.87000	3000.0	93	39066	No
66	GOM_NL__2PRFIN20090820_070328_000000562081_00435_39066_9625.N1	20-AUG-2009 07:03:28	Dark	56.000	27	24Gam Ori	1.6360	26000.	112	39066	No
67	GOM_NL__2PRFIN20090820_070525_000000512081_00435_39066_9626.N1	20-AUG-2009 07:05:25	Dark	51.000	30	46Eps Ori	1.6940	30000.	102	39066	No
68	GOM_NL__2PRFIN20090820_070652_000000482081_00435_39066_9627.N1	20-AUG-2009 07:06:52	Dark	48.000	125	44Iot Ori	2.7700	30000.	96	39066	No
69	GOM_NL__2PRFIN20090820_070837_000000642081_00435_39066_9628.N1	20-AUG-2009 07:08:37	Dark	64.000	7	19Bet Ori	0.10000	14000.	128	39066	No
70	GOM_NL__2PRFIN20090820_071020_000000502081_00435_39066_9629.N1	20-AUG-2009 07:10:20	Dark	50.000	101	11Alp Lep	2.5820	7000.0	100	39066	No
71	GOM_NL__2PRFIN20090820_072440_000000532081_00436_39067_9625.N1	20-AUG-2009 07:24:40	Dark	53.000	157	The1Eri	2.9060	9300.0	106	39067	No
72	GOM_NL__2PRFIN20090820_073407_000000512081_00436_39067_9626.N1	20-AUG-2009 07:34:07	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	39067	No
73	GOM_NL__2PRFIN20090820_074114_000000512081_00436_39067_9627.N1	20-AUG-2009 07:41:14	Twilight	50.500	18	24Alp PsA	1.1660	9700.0	101	39067	No
74	GOM_NL__2PRFIN20090820_074637_000000392081_00436_39067_9628.N1	20-AUG-2009 07:46:37	Bright	39.000	142	49Del Cap	2.8500	8900.0	78	39067	No
75	GOM_NL__2PRFIN20090820_074957_000000462081_00436_39067_9629.N1	20-AUG-2009 07:49:57	Bright	46.000	154	22Bet Aqr	2.8990	5700.0	92	39067	No
76	GOM_NL__2PRFIN20090820_075149_000000432081_00436_39067_9630.N1	20-AUG-2009 07:51:49	Bright	43.000	162	34Alp Aqr	2.9440	5350.0	86	39067	No
77	GOM_NL__2PRFIN20090820_075456_000000442081_00436_39067_9631.N1	20-AUG-2009 07:54:56	Bright	44.000	61	8Eps Peg	2.1000	3900.0	88	39067	No
78	GOM_NL__2PRFIN20090820_081418_000000452081_00436_39067_9632.N1	20-AUG-2009 08:14:18	Bright	44.500	74	11Bet Cas	2.2680	6600.0	89	39067	No
79	GOM_NL__2PRFIN20090820_081632_000000482081_00436_39067_9633.N1	20-AUG-2009 08:16:32	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	39067	No
80	GOM_NL__2PRFIN20090820_082945_000000532081_00436_39067_9634.N1	20-AUG-2009 08:29:45	Bright	52.500	6	13Alp Aur	0.080000	3400.0	105	39067	No
81	GOM_NL__2PRFIN20090820_083249_000000402081_00436_39067_9635.N1	20-AUG-2009 08:32:49	Bright	40.000	107	37The Aur	2.6490	11000.	80	39067	No
82	GOM_NL__2PRFIN20090820_083603_000000562081_00436_39067_9636.N1	20-AUG-2009 08:36:03	Twilight	56.000	28	12Bet Tau	1.6500	15200.	112	39067	No
83	GOM_NL__2PRFIN20090820_083833_000000502081_00436_39067_9637.N1	20-AUG-2009 08:38:33	Twilight	49.500	176	23Zet Tau	3.0200	22000.	99	39067	No
84	GOM_NL__2PRFIN20090820_084238_000000542081_00436_39067_9638.N1	20-AUG-2009 08:42:38	Dark	54.000	14	58Alp Ori	0.87000	3000.0	108	39067	No
85	GOM_NL__2PRFIN20090820_084404_000000512081_00436_39067_9639.N1	20-AUG-2009 08:44:04	Dark	51.000	27	24Gam Ori	1.6360	26000.	102	39067	No
86	GOM_NL__2PRFIN20090820_084601_000000532081_00436_39067_9640.N1	20-AUG-2009 08:46:01	Dark	52.500	30	46Eps Ori	1.6940	30000.	105	39067	No
87	GOM_NL__2PRFIN20090820_084729_000000502081_00436_39067_9641.N1	20-AUG-2009 08:47:29	Dark	49.500	125	44Iot Ori	2.7700	30000.	99	39067	No
88	GOM_NL__2PRFIN20090820_084914_000000572081_00436_39067_9642.N1	20-AUG-2009 08:49:14	Dark	57.000	7	19Bet Ori	0.10000	14000.	114	39067	No
89	GOM_NL__2PRFIN20090820_085057_000000482081_00436_39067_9643.N1	20-AUG-2009 08:50:57	Dark	47.500	101	11Alp Lep	2.5820	7000.0	95	39067	No
90	GOM_NL__2PRFIN20090820_090517_000000522081_00437_39068_9642.N1	20-AUG-2009 09:05:17	Dark	52.000	157	The1Eri	2.9060	9300.0	104	39068	No
91	GOM_NL__2PRFIN20090820_091443_000000542081_00437_39068_9643.N1	20-AUG-2009 09:14:43	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	39068	No
92	GOM_NL__2PRFIN20090820_092150_000000502081_00437_39068_9644.N1	20-AUG-2009 09:21:50	Twilight	49.500	18	24Alp PsA	1.1660	9700.0	99	39068	No
93	GOM_NL__2PRFIN20090820_092713_000000392081_00437_39068_9645.N1	20-AUG-2009 09:27:13	Bright	38.500	142	49Del Cap	2.8500	8900.0	77	39068	No
94	GOM_NL__2PRFIN20090820_093033_000000412081_00437_39068_9646.N1	20-AUG-2009 09:30:33	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	39068	No
95	GOM_NL__2PRFIN20090820_093225_000000442081_00437_39068_9647.N1	20-AUG-2009 09:32:25	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	39068	No
96	GOM_NL__2PRFIN20090820_093531_000000422081_00437_39068_9648.N1	20-AUG-2009 09:35:31	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	39068	No
97	GOM_NL__2PRFIN20090820_094406_000000282081_00437_39068_9649.N1	20-AUG-2009 09:44:06	Twilight	28.000	164	44Eta Peg	2.9480	5400.0	56	39068	No
98	GOM_NL__2PRFIN20090820_095453_000000472081_00437_39068_9650.N1	20-AUG-2009 09:54:53	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	39068	No
99	GOM_NL__2PRFIN20090820_095707_000000482081_00437_39068_9651.N1	20-AUG-2009 09:57:07	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	39068	No
100	GOM_NL__2PRFIN20090820_101021_000000522081_00437_39068_9652.N1	20-AUG-2009 10:10:21	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	39068	No
101	GOM_NL__2PRFIN20090820_101325_000000422081_00437_39068_9653.N1	20-AUG-2009 10:13:25	Bright	42.000	107	37The Aur	2.6490	11000.	84	39068	No

102	GOM_NL__2PRFIN20090820_101640_000000532081_00437_39068_9654.N1	20-AUG-2009 10:16:40	Twilight	53.000	28	12Bet Tau	1.6500	15200.	106	39068	No
103	GOM_NL__2PRFIN20090820_101909_000000502081_00437_39068_9655.N1	20-AUG-2009 10:19:09	Twilight	50.000	176	23Zet Tau	3.0200	22000.	100	39068	No
104	GOM_NL__2PRFIN20090820_102315_000000542081_00437_39068_9656.N1	20-AUG-2009 10:23:15	Dark	54.000	14	58Alp Ori	0.87000	3000.0	108	39068	No
105	GOM_NL__2PRFIN20090820_102441_000000562081_00437_39068_9657.N1	20-AUG-2009 10:24:41	Dark	55.500	27	24Gam Ori	1.6360	26000.	111	39068	No
106	GOM_NL__2PRFIN20090820_102638_000000522081_00437_39068_9658.N1	20-AUG-2009 10:26:38	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	39068	No
107	GOM_NL__2PRFIN20090820_102806_000000472081_00437_39068_9659.N1	20-AUG-2009 10:28:06	Dark	47.000	125	44Iot Ori	2.7700	30000.	94	39068	No
108	GOM_NL__2PRFIN20090820_102950_000000582081_00437_39068_9660.N1	20-AUG-2009 10:29:50	Dark	58.000	7	19Bet Ori	0.10000	14000.	116	39068	No
109	GOM_NL__2PRFIN20090820_103134_000000472081_00437_39068_9661.N1	20-AUG-2009 10:31:34	Dark	47.000	101	11Alp Lep	2.5820	7000.0	94	39068	No
110	GOM_NL__2PRFIN20090820_104554_000000532081_00438_39069_9661.N1	20-AUG-2009 10:45:54	Dark	52.500	157	The1Eri	2.9060	9300.0	105	39069	No
111	GOM_NL__2PRFIN20090820_105520_000000512081_00438_39069_9662.N1	20-AUG-2009 10:55:20	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	39069	No
112	GOM_NL__2PRFIN20090820_110226_000000512081_00438_39069_9663.N1	20-AUG-2009 11:02:26	Twilight	50.500	18	24Alp PsA	1.1660	9700.0	101	39069	No
113	GOM_NL__2PRFIN20090820_110749_000000442081_00438_39069_9664.N1	20-AUG-2009 11:07:49	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	39069	No
114	GOM_NL__2PRFIN20090820_111109_000000412081_00438_39069_9665.N1	20-AUG-2009 11:11:09	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	39069	No
115	GOM_NL__2PRFIN20090820_111300_000000552081_00438_39069_9666.N1	20-AUG-2009 11:13:00	Bright	55.000	162	34Alp Aqr	2.9440	5350.0	110	39069	No
116	GOM_NL__2PRFIN20090820_111607_000000412081_00438_39069_9667.N1	20-AUG-2009 11:16:07	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	39069	No
117	GOM_NL__2PRFIN20090820_112441_000000282081_00438_39069_9668.N1	20-AUG-2009 11:24:41	Twilight	28.000	164	44Eta Peg	2.9480	5400.0	56	39069	No
118	GOM_NL__2PRFIN20090820_113528_000000482081_00438_39069_9669.N1	20-AUG-2009 11:35:28	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	39069	No
119	GOM_NL__2PRFIN20090820_115057_000000522081_00438_39069_9670.N1	20-AUG-2009 11:50:57	Bright	52.000	6	13Alp Aur	0.080000	3400.0	104	39069	No
120	GOM_NL__2PRFIN20090820_115401_000000572081_00438_39069_9671.N1	20-AUG-2009 11:54:01	Bright	56.500	107	37The Aur	2.6490	11000.	113	39069	No
121	GOM_NL__2PRFIN20090820_115716_000000552081_00438_39069_9672.N1	20-AUG-2009 11:57:16	Twilight	55.000	28	12Bet Tau	1.6500	15200.	110	39069	No
122	GOM_NL__2PRFIN20090820_115945_000000482081_00438_39069_9673.N1	20-AUG-2009 11:59:45	Twilight	47.500	176	23Zet Tau	3.0200	22000.	95	39069	No
123	GOM_NL__2PRFIN20090820_120351_000000552081_00438_39069_9674.N1	20-AUG-2009 12:03:51	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	39069	No
124	GOM_NL__2PRFIN20090820_120517_000000552081_00438_39069_9675.N1	20-AUG-2009 12:05:17	Dark	55.000	27	24Gam Ori	1.6360	26000.	110	39069	No
125	GOM_NL__2PRFIN20090820_120715_000000502081_00438_39069_9676.N1	20-AUG-2009 12:07:15	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	39069	No
126	GOM_NL__2PRFIN20090820_120842_000000472081_00438_39069_9677.N1	20-AUG-2009 12:08:42	Dark	47.000	125	44Iot Ori	2.7700	30000.	94	39069	No
127	GOM_NL__2PRFIN20090820_121027_000000692081_00438_39069_9678.N1	20-AUG-2009 12:10:27	Dark	69.000	7	19Bet Ori	0.10000	14000.	138	39069	No
128	GOM_NL__2PRFIN20090820_121211_000000492081_00438_39069_9679.N1	20-AUG-2009 12:12:11	Dark	49.000	101	11Alp Lep	2.5820	7000.0	98	39069	No
129	GOM_NL__2PRFIN20090820_122631_000000532081_00439_39070_9684.N1	20-AUG-2009 12:26:31	Dark	52.500	157	The1Eri	2.9060	9300.0	105	39070	No
130	GOM_NL__2PRFIN20090820_123557_000000532081_00439_39070_9685.N1	20-AUG-2009 12:35:57	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	39070	No
131	GOM_NL__2PRFIN20090820_124303_000000512081_00439_39070_9686.N1	20-AUG-2009 12:43:03	Twilight	50.500	18	24Alp PsA	1.1660	9700.0	101	39070	No
132	GOM_NL__2PRFIN20090820_124825_000000432081_00439_39070_9687.N1	20-AUG-2009 12:48:25	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	39070	No
133	GOM_NL__2PRFIN20090820_125145_000000412081_00439_39070_9688.N1	20-AUG-2009 12:51:45	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	39070	No
134	GOM_NL__2PRFIN20090820_125336_000000642081_00439_39070_9689.N1	20-AUG-2009 12:53:36	Bright	64.000	162	34Alp Aqr	2.9440	5350.0	128	39070	No
135	GOM_NL__2PRFIN20090820_125643_000000432081_00439_39070_9690.N1	20-AUG-2009 12:56:43	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	39070	No
136	GOM_NL__2PRFIN20090820_130517_000000342081_00439_39070_9691.N1	20-AUG-2009 13:05:17	Twilight	34.000	164	44Eta Peg	2.9480	5400.0	68	39070	No
137	GOM_NL__2PRFIN20090820_131603_000000472081_00439_39070_9692.N1	20-AUG-2009 13:16:03	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	39070	No
138	GOM_NL__2PRFIN20090820_131817_000000472081_00439_39070_9693.N1	20-AUG-2009 13:18:17	Bright	47.000	76	27Gam Cas	2.3000	30000.	94	39070	No
139	GOM_NL__2PRFIN20090820_133132_000000532081_00439_39070_9694.N1	20-AUG-2009 13:31:32	Bright	52.500	6	13Alp Aur	0.080000	3400.0	105	39070	No
140	GOM_NL__2PRFIN20090820_133437_000000412081_00439_39070_9695.N1	20-AUG-2009 13:34:37	Bright	41.000	107	37The Aur	2.6490	11000.	82	39070	No
141	GOM_NL__2PRFIN20090820_133752_000000542081_00439_39070_9696.N1	20-AUG-2009 13:37:52	Twilight	54.000	28	12Bet Tau	1.6500	15200.	108	39070	No
142	GOM_NL__2PRFIN20090820_134022_000000512081_00439_39070_9697.N1	20-AUG-2009 13:40:22	Twilight	50.500	176	23Zet Tau	3.0200	22000.	101	39070	No
143	GOM_NL__2PRFIN20090820_134428_000000552081_00439_39070_9698.N1	20-AUG-2009 13:44:28	Dark	54.500	14	58Alp Ori	0.87000	3000.0	109	39070	No
144	GOM_NL__2PRFIN20090820_134554_000000542081_00439_39070_9699.N1	20-AUG-2009 13:45:54	Dark	53.500	27	24Gam Ori	1.6360	26000.	107	39070	No
145	GOM_NL__2PRFIN20090820_134751_000000532081_00439_39070_9700.N1	20-AUG-2009 13:47:51	Dark	53.000	30	46Eps Ori	1.6940	30000.	106	39070	No
146	GOM_NL__2PRFIN20090820_134919_000000492081_00439_39070_9701.N1	20-AUG-2009 13:49:19	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	39070	No
147	GOM_NL__2PRFIN20090820_135104_000000612081_00439_39070_9702.N1	20-AUG-2009 13:51:04	Dark	61.000	7	19Bet Ori	0.10000	14000.	122	39070	No
148	GOM_NL__2PRFIN20090820_135247_000000462081_00439_39070_9703.N1	20-AUG-2009 13:52:47	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	39070	No
149	GOM_NL__2PRFIN20090820_140708_000000542081_00440_39071_9718.N1	20-AUG-2009 14:07:08	Dark	54.000	157	The1Eri	2.9060	9300.0	108	39071	No
150	GOM_NL__2PRFIN20090820_141633_000000512081_00440_39071_9719.N1	20-AUG-2009 14:16:33	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	39071	No
151	GOM_NL__2PRFIN20090820_142339_000000502081_00440_39071_9720.N1	20-AUG-2009 14:23:39	Twilight	49.500	18	24Alp PsA	1.1660	9700.0	99	39071	No
152	GOM_NL__2PRFIN20090820_142901_000000432081_00440_39071_9721.N1	20-AUG-2009 14:29:01	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	39071	No
153	GOM_NL__2PRFIN20090820_143221_000000412081_00440_39071_9722.N1	20-AUG-2009 14:32:21	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	39071	No
154	GOM_NL__2PRFIN20090820_143411_000000462081_00440_39071_9723.N1	20-AUG-2009 14:34:11	Bright	45.500	162	34Alp Aqr	2.9440	5350.0	91	39071	No
155	GOM_NL__2PRFIN20090820_143718_000000612081_00440_39071_9724.N1	20-AUG-2009 14:37:18	Bright	61.000	61	8Eps Peg	2.1000	3900.0	122	39071	No
156	GOM_NL__2PRFIN20090820_144551_000000342081_00440_39071_9725.N1	20-AUG-2009 14:45:51	Twilight	34.000	164	44Eta Peg	2.9480	5400.0	68	39071	No
157	GOM_NL__2PRFIN20090820_145638_000000482081_00440_39071_9726.N1	20-AUG-2009 14:56:38	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	39071	No
158	GOM_NL__2PRFIN20090820_145852_000000482081_00440_39071_9727.N1	20-AUG-2009 14:58:52	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	39071	No
159	GOM_NL__2PRFIN20090820_151208_000000512081_00440_39071_9728.N1	20-AUG-2009 15:12:08	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	39071	No
160	GOM_NL__2PRFIN20090820_151513_000000412081_00440_39071_9729.N1	20-AUG-2009 15:15:13	Bright	41.000	107	37The Aur	2.6490	11000.	82	39071	No

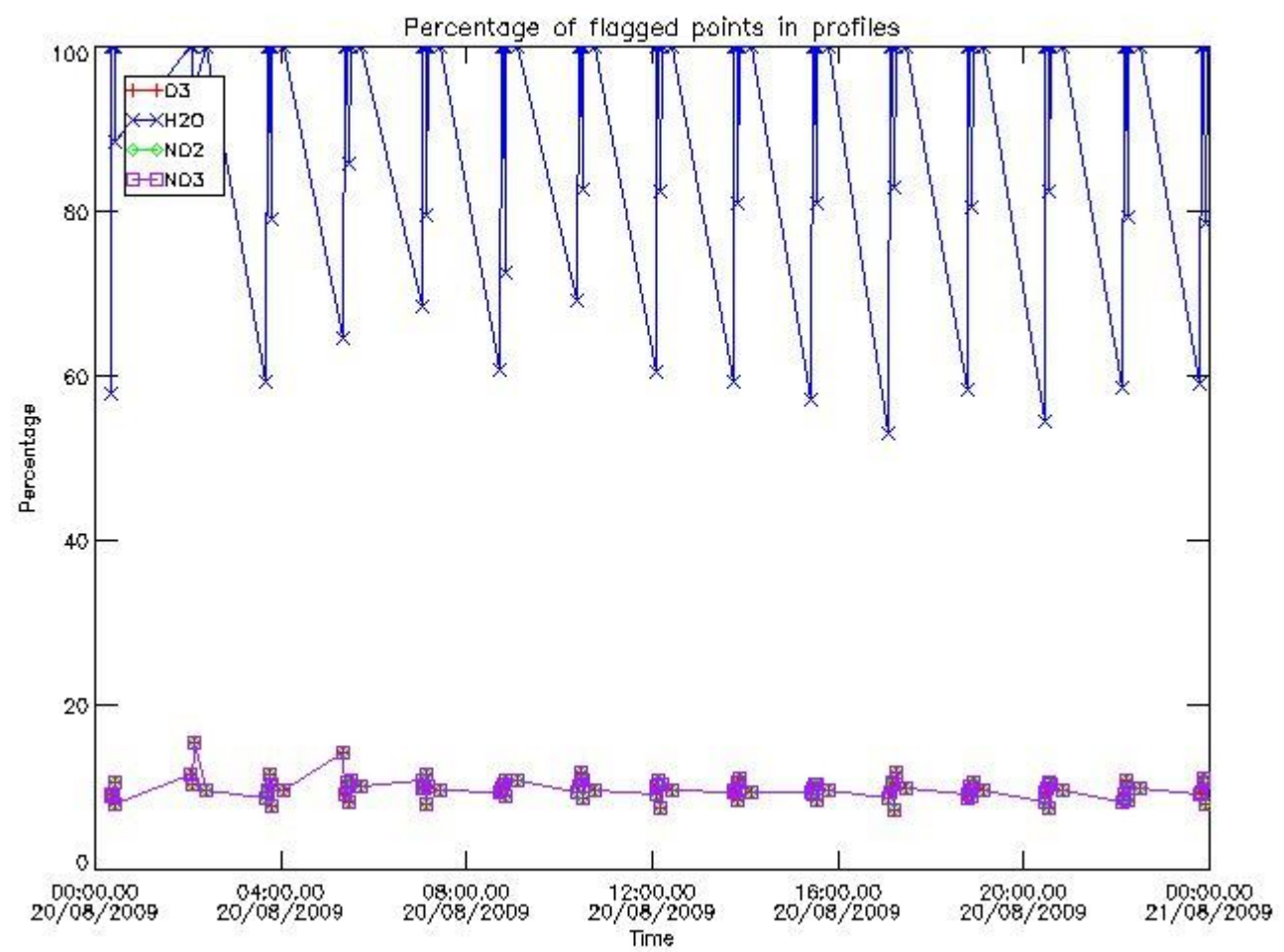
161	GOM_NL__2PRFIN20090820_151828_000000542081_00440_39071_9730.N1	20-AUG-2009 15:18:28	Twilight	54.000	28	12Bet Tau	1.6500	15200.	108	39071	No
162	GOM_NL__2PRFIN20090820_152058_000000502081_00440_39071_9731.N1	20-AUG-2009 15:20:58	Twilight	50.000	176	23Zet Tau	3.0200	22000.	100	39071	No
163	GOM_NL__2PRFIN20090820_152504_000000542081_00440_39071_9732.N1	20-AUG-2009 15:25:04	Dark	54.000	14	58Alp Ori	0.87000	3000.0	108	39071	No
164	GOM_NL__2PRFIN20090820_152631_000000562081_00440_39071_9733.N1	20-AUG-2009 15:26:31	Dark	56.000	27	24Gam Ori	1.6360	26000.	112	39071	No
165	GOM_NL__2PRFIN20090820_152828_000000522081_00440_39071_9734.N1	20-AUG-2009 15:28:28	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	39071	No
166	GOM_NL__2PRFIN20090820_152956_000000492081_00440_39071_9735.N1	20-AUG-2009 15:29:56	Dark	49.000	125	44Iot Ori	2.7700	30000.	98	39071	No
167	GOM_NL__2PRFIN20090820_153141_000000612081_00440_39071_9736.N1	20-AUG-2009 15:31:41	Dark	61.000	7	19Bet Ori	0.10000	14000.	122	39071	No
168	GOM_NL__2PRFIN20090820_153324_000000492081_00440_39071_9737.N1	20-AUG-2009 15:33:24	Dark	49.000	101	11Alp Lep	2.5820	7000.0	98	39071	No
169	GOM_NL__2PRFIN20090820_154746_000000532081_00441_39072_9727.N1	20-AUG-2009 15:47:46	Dark	52.500	157	The1Eri	2.9060	9300.0	105	39072	No
170	GOM_NL__2PRFIN20090820_155710_000000502081_00441_39072_9728.N1	20-AUG-2009 15:57:10	Straylight	50.000	84	Alp Phe	2.3970	4500.0	100	39072	No
171	GOM_NL__2PRFIN20090820_160415_000000502081_00441_39072_9729.N1	20-AUG-2009 16:04:15	Twilight	50.000	18	24Alp PsA	1.1660	9700.0	100	39072	No
172	GOM_NL__2PRFIN20090820_160937_000000422081_00441_39072_9730.N1	20-AUG-2009 16:09:37	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	39072	No
173	GOM_NL__2PRFIN20090820_161257_000000412081_00441_39072_9731.N1	20-AUG-2009 16:12:57	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	39072	No
174	GOM_NL__2PRFIN20090820_161447_000000442081_00441_39072_9732.N1	20-AUG-2009 16:14:47	Bright	44.000	162	34Alp Aqr	2.9440	5350.0	88	39072	No
175	GOM_NL__2PRFIN20090820_161754_000000602081_00441_39072_9733.N1	20-AUG-2009 16:17:54	Bright	60.000	61	8Eps Peg	2.1000	3900.0	120	39072	No
176	GOM_NL__2PRFIN20090820_162627_000000402081_00441_39072_9734.N1	20-AUG-2009 16:26:27	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	39072	No
177	GOM_NL__2PRFIN20090820_163714_000000482081_00441_39072_9735.N1	20-AUG-2009 16:37:14	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	39072	No
178	GOM_NL__2PRFIN20090820_163928_000000502081_00441_39072_9736.N1	20-AUG-2009 16:39:28	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	39072	No
179	GOM_NL__2PRFIN20090820_165244_000000522081_00441_39072_9737.N1	20-AUG-2009 16:52:44	Bright	52.000	6	13Alp Aur	0.080000	3400.0	104	39072	No
180	GOM_NL__2PRFIN20090820_165549_000000422081_00441_39072_9738.N1	20-AUG-2009 16:55:49	Bright	41.500	107	37The Aur	2.6490	11000.	83	39072	No
181	GOM_NL__2PRFIN20090820_165904_000000552081_00441_39072_9739.N1	20-AUG-2009 16:59:04	Twilight	55.000	28	12Bet Tau	1.6500	15200.	110	39072	No
182	GOM_NL__2PRFIN20090820_170134_000000502081_00441_39072_9740.N1	20-AUG-2009 17:01:34	Twilight	50.000	176	23Zet Tau	3.0200	22000.	100	39072	No
183	GOM_NL__2PRFIN20090820_170541_000000592081_00441_39072_9741.N1	20-AUG-2009 17:05:41	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	39072	No
184	GOM_NL__2PRFIN20090820_170707_000000552081_00441_39072_9742.N1	20-AUG-2009 17:07:07	Dark	54.500	27	24Gam Ori	1.6360	26000.	109	39072	No
185	GOM_NL__2PRFIN20090820_170905_000000532081_00441_39072_9743.N1	20-AUG-2009 17:09:05	Dark	53.000	30	46Eps Ori	1.6940	30000.	106	39072	No
186	GOM_NL__2PRFIN20090820_171032_000000502081_00441_39072_9744.N1	20-AUG-2009 17:10:32	Dark	49.500	125	44Iot Ori	2.7700	30000.	99	39072	No
187	GOM_NL__2PRFIN20090820_171218_000000712081_00441_39072_9745.N1	20-AUG-2009 17:12:18	Dark	71.000	7	19Bet Ori	0.10000	14000.	142	39072	No
188	GOM_NL__2PRFIN20090820_171401_000000482081_00441_39072_9746.N1	20-AUG-2009 17:14:01	Dark	47.500	101	11Alp Lep	2.5820	7000.0	95	39072	No
189	GOM_NL__2PRFIN20090820_172823_000000522081_00442_39073_9746.N1	20-AUG-2009 17:28:23	Dark	52.000	157	The1Eri	2.9060	9300.0	104	39073	No
190	GOM_NL__2PRFIN20090820_173747_000000592081_00442_39073_9747.N1	20-AUG-2009 17:37:47	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	39073	No
191	GOM_NL__2PRFIN20090820_174452_000000502081_00442_39073_9748.N1	20-AUG-2009 17:44:52	Twilight	49.500	18	24Alp PsA	1.1660	9700.0	99	39073	No
192	GOM_NL__2PRFIN20090820_175013_000000432081_00442_39073_9749.N1	20-AUG-2009 17:50:13	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	39073	No
193	GOM_NL__2PRFIN20090820_175333_000000412081_00442_39073_9750.N1	20-AUG-2009 17:53:33	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	39073	No
194	GOM_NL__2PRFIN20090820_175523_000000452081_00442_39073_9751.N1	20-AUG-2009 17:55:23	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	39073	No
195	GOM_NL__2PRFIN20090820_175830_000000602081_00442_39073_9752.N1	20-AUG-2009 17:58:30	Bright	60.000	61	8Eps Peg	2.1000	3900.0	120	39073	No
196	GOM_NL__2PRFIN20090820_180702_000000402081_00442_39073_9753.N1	20-AUG-2009 18:07:02	Bright	40.000	164	44Eta Peg	2.9480	5400.0	80	39073	No
197	GOM_NL__2PRFIN20090820_181749_000000472081_00442_39073_9754.N1	20-AUG-2009 18:17:49	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	39073	No
198	GOM_NL__2PRFIN20090820_182003_000000482081_00442_39073_9755.N1	20-AUG-2009 18:20:03	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	39073	No
199	GOM_NL__2PRFIN20090820_183320_000000522081_00442_39073_9756.N1	20-AUG-2009 18:33:20	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	39073	No
200	GOM_NL__2PRFIN20090820_183625_000000502081_00442_39073_9757.N1	20-AUG-2009 18:36:25	Bright	50.000	107	37The Aur	2.6490	11000.	100	39073	No
201	GOM_NL__2PRFIN20090820_183940_000000562081_00442_39073_9758.N1	20-AUG-2009 18:39:40	Twilight	56.000	28	12Bet Tau	1.6500	15200.	112	39073	No
202	GOM_NL__2PRFIN20090820_184210_000000502081_00442_39073_9759.N1	20-AUG-2009 18:42:10	Twilight	49.500	176	23Zet Tau	3.0200	22000.	99	39073	No
203	GOM_NL__2PRFIN20090820_184617_000000562081_00442_39073_9760.N1	20-AUG-2009 18:46:17	Dark	55.500	14	58Alp Ori	0.87000	3000.0	111	39073	No
204	GOM_NL__2PRFIN20090820_184744_000000582081_00442_39073_9761.N1	20-AUG-2009 18:47:44	Dark	58.000	27	24Gam Ori	1.6360	26000.	116	39073	No
205	GOM_NL__2PRFIN20090820_184941_000000532081_00442_39073_9762.N1	20-AUG-2009 18:49:41	Dark	52.500	30	46Eps Ori	1.6940	30000.	105	39073	No
206	GOM_NL__2PRFIN20090820_185109_000000502081_00442_39073_9763.N1	20-AUG-2009 18:51:09	Dark	50.000	125	44Iot Ori	2.7700	30000.	100	39073	No
207	GOM_NL__2PRFIN20090820_185255_000000572081_00442_39073_9764.N1	20-AUG-2009 18:52:55	Dark	57.000	7	19Bet Ori	0.10000	14000.	114	39073	No
208	GOM_NL__2PRFIN20090820_185437_000000492081_00442_39073_9765.N1	20-AUG-2009 18:54:37	Dark	48.500	101	11Alp Lep	2.5820	7000.0	97	39073	No
209	GOM_NL__2PRFIN20090820_190900_000000532081_00443_39074_9757.N1	20-AUG-2009 19:09:00	Dark	52.500	157	The1Eri	2.9060	9300.0	105	39074	No
210	GOM_NL__2PRFIN20090820_191824_000000592081_00443_39074_9758.N1	20-AUG-2009 19:18:24	Straylight	58.500	84	Alp Phe	2.3970	4500.0	117	39074	No
211	GOM_NL__2PRFIN20090820_192528_000000512081_00443_39074_9759.N1	20-AUG-2009 19:25:28	Twilight	50.500	18	24Alp PsA	1.1660	9700.0	101	39074	No
212	GOM_NL__2PRFIN20090820_193049_000000432081_00443_39074_9760.N1	20-AUG-2009 19:30:49	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	39074	No
213	GOM_NL__2PRFIN20090820_193409_000000402081_00443_39074_9761.N1	20-AUG-2009 19:34:09	Bright	39.500	154	22Bet Aqr	2.8990	5700.0	79	39074	No
214	GOM_NL__2PRFIN20090820_193559_000000462081_00443_39074_9762.N1	20-AUG-2009 19:35:59	Bright	45.500	162	34Alp Aqr	2.9440	5350.0	91	39074	No
215	GOM_NL__2PRFIN20090820_193905_000000452081_00443_39074_9763.N1	20-AUG-2009 19:39:05	Bright	44.500	61	8Eps Peg	2.1000	3900.0	89	39074	No
216	GOM_NL__2PRFIN20090820_194737_000000462081_00443_39074_9764.N1	20-AUG-2009 19:47:37	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	39074	No
217	GOM_NL__2PRFIN20090820_195824_000000472081_00443_39074_9765.N1	20-AUG-2009 19:58:24	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	39074	No
218	GOM_NL__2PRFIN20090820_200038_000000492081_00443_39074_9766.N1	20-AUG-2009 20:00:38	Bright	49.000	76	27Gam Cas	2.3000	30000.	98	39074	No
219	GOM_NL__2PRFIN20090820_201356_000000552081_00443_39074_9767.N1	20-AUG-2009 20:13:56	Bright	55.000	6	13Alp Aur	0.080000	3400.0	110	39074	No

220	GOM_NL__2PRFIN20090820_201701_000000412081_00443_39074_9768.N1	20-AUG-2009 20:17:01	Bright	40.500	107	37The Aur	2.6490	11000.	81	39074	No
221	GOM_NL__2PRFIN20090820_202016_000000552081_00443_39074_9769.N1	20-AUG-2009 20:20:16	Twilight	54.500	28	12Bet Tau	1.6500	15200.	109	39074	No
222	GOM_NL__2PRFIN20090820_202247_000000512081_00443_39074_9770.N1	20-AUG-2009 20:22:47	Twilight	50.500	176	23Zet Tau	3.0200	22000.	101	39074	No
223	GOM_NL__2PRFIN20090820_202653_000000632081_00443_39074_9771.N1	20-AUG-2009 20:26:53	Dark	63.000	14	58Alp Ori	0.87000	3000.0	126	39074	No
224	GOM_NL__2PRFIN20090820_202821_000000552081_00443_39074_9772.N1	20-AUG-2009 20:28:21	Dark	54.500	27	24Gam Ori	1.6360	26000.	109	39074	No
225	GOM_NL__2PRFIN20090820_203018_000000522081_00443_39074_9773.N1	20-AUG-2009 20:30:18	Dark	52.000	30	46Eps Ori	1.6940	30000.	104	39074	No
226	GOM_NL__2PRFIN20090820_203146_000000492081_00443_39074_9774.N1	20-AUG-2009 20:31:46	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	39074	No
227	GOM_NL__2PRFIN20090820_203332_000000692081_00443_39074_9775.N1	20-AUG-2009 20:33:32	Dark	69.000	7	19Bet Ori	0.10000	14000.	138	39074	No
228	GOM_NL__2PRFIN20090820_203514_000000492081_00443_39074_9776.N1	20-AUG-2009 20:35:14	Dark	49.000	101	11Alp Lep	2.5820	7000.0	98	39074	No
229	GOM_NL__2PRFIN20090820_204937_000000532081_00444_39075_9774.N1	20-AUG-2009 20:49:37	Dark	53.000	157	The1Eri	2.9060	9300.0	106	39075	No
230	GOM_NL__2PRFIN20090820_205900_000000482081_00444_39075_9775.N1	20-AUG-2009 20:59:00	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	39075	No
231	GOM_NL__2PRFIN20090820_210604_000000502081_00444_39075_9776.N1	20-AUG-2009 21:06:04	Twilight	49.500	18	24Alp PsA	1.1660	9700.0	99	39075	No
232	GOM_NL__2PRFIN20090820_211125_000000412081_00444_39075_9777.N1	20-AUG-2009 21:11:25	Bright	41.000	142	49Del Cap	2.8500	8900.0	82	39075	No
233	GOM_NL__2PRFIN20090820_211445_000000382081_00444_39075_9778.N1	20-AUG-2009 21:14:45	Bright	38.000	154	22Bet Aqr	2.8990	5700.0	76	39075	No
234	GOM_NL__2PRFIN20090820_211635_000000442081_00444_39075_9779.N1	20-AUG-2009 21:16:35	Bright	43.500	162	34Alp Aqr	2.9440	5350.0	87	39075	No
235	GOM_NL__2PRFIN20090820_211941_000000432081_00444_39075_9780.N1	20-AUG-2009 21:19:41	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	39075	No
236	GOM_NL__2PRFIN20090820_212812_000000462081_00444_39075_9781.N1	20-AUG-2009 21:28:12	Bright	46.000	164	44Eta Peg	2.9480	5400.0	92	39075	No
237	GOM_NL__2PRFIN20090820_213859_000000482081_00444_39075_9782.N1	20-AUG-2009 21:38:59	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	39075	No
238	GOM_NL__2PRFIN20090820_214113_000000472081_00444_39075_9783.N1	20-AUG-2009 21:41:13	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39075	No
239	GOM_NL__2PRFIN20090820_215432_000000512081_00444_39075_9784.N1	20-AUG-2009 21:54:32	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	39075	No
240	GOM_NL__2PRFIN20090820_215737_000000432081_00444_39075_9785.N1	20-AUG-2009 21:57:37	Bright	42.500	107	37The Aur	2.6490	11000.	85	39075	No
241	GOM_NL__2PRFIN20090820_220053_000000562081_00444_39075_9786.N1	20-AUG-2009 22:00:53	Twilight	56.000	28	12Bet Tau	1.6500	15200.	112	39075	No
242	GOM_NL__2PRFIN20090820_220323_000000522081_00444_39075_9787.N1	20-AUG-2009 22:03:23	Twilight	51.500	176	23Zet Tau	3.0200	22000.	103	39075	No
243	GOM_NL__2PRFIN20090820_220730_000000632081_00444_39075_9788.N1	20-AUG-2009 22:07:30	Dark	63.000	14	58Alp Ori	0.87000	3000.0	126	39075	No
244	GOM_NL__2PRFIN20090820_220857_000000592081_00444_39075_9789.N1	20-AUG-2009 22:08:57	Dark	59.000	27	24Gam Ori	1.6360	26000.	118	39075	No
245	GOM_NL__2PRFIN20090820_221055_000000562081_00444_39075_9790.N1	20-AUG-2009 22:10:55	Dark	55.500	30	46Eps Ori	1.6940	30000.	111	39075	No
246	GOM_NL__2PRFIN20090820_221222_000000482081_00444_39075_9791.N1	20-AUG-2009 22:12:22	Dark	47.500	125	44Iot Ori	2.7700	30000.	95	39075	No
247	GOM_NL__2PRFIN20090820_221409_000000612081_00444_39075_9792.N1	20-AUG-2009 22:14:09	Dark	60.500	7	19Bet Ori	0.10000	14000.	121	39075	No
248	GOM_NL__2PRFIN20090820_221551_000000522081_00444_39075_9793.N1	20-AUG-2009 22:15:51	Dark	51.500	101	11Alp Lep	2.5820	7000.0	103	39075	No
249	GOM_NL__2PRFIN20090820_223014_000000522081_00445_39076_9788.N1	20-AUG-2009 22:30:14	Dark	52.000	157	The1Eri	2.9060	9300.0	104	39076	No
250	GOM_NL__2PRFIN20090820_223937_000000612081_00445_39076_9789.N1	20-AUG-2009 22:39:37	Straylight	60.500	84	Alp Phe	2.3970	4500.0	121	39076	No
251	GOM_NL__2PRFIN20090820_224640_000000502081_00445_39076_9790.N1	20-AUG-2009 22:46:40	Twilight	50.000	18	24Alp PsA	1.1660	9700.0	100	39076	No
252	GOM_NL__2PRFIN20090820_225201_000000412081_00445_39076_9791.N1	20-AUG-2009 22:52:01	Bright	41.000	142	49Del Cap	2.8500	8900.0	82	39076	No
253	GOM_NL__2PRFIN20090820_225521_000000392081_00445_39076_9792.N1	20-AUG-2009 22:55:21	Bright	38.500	154	22Bet Aqr	2.8990	5700.0	77	39076	No
254	GOM_NL__2PRFIN20090820_225710_000000462081_00445_39076_9793.N1	20-AUG-2009 22:57:10	Bright	45.500	162	34Alp Aqr	2.9440	5350.0	91	39076	No
255	GOM_NL__2PRFIN20090820_230017_000000412081_00445_39076_9794.N1	20-AUG-2009 23:00:17	Bright	41.000	61	8Eps Peg	2.1000	3900.0	82	39076	No
256	GOM_NL__2PRFIN20090820_230847_000000472081_00445_39076_9795.N1	20-AUG-2009 23:08:47	Bright	47.000	164	44Eta Peg	2.9480	5400.0	94	39076	No
257	GOM_NL__2PRFIN20090820_231934_000000482081_00445_39076_9796.N1	20-AUG-2009 23:19:34	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	39076	No
258	GOM_NL__2PRFIN20090820_232148_000000472081_00445_39076_9797.N1	20-AUG-2009 23:21:48	Bright	46.500	76	27Gam Cas	2.3000	30000.	93	39076	No
259	GOM_NL__2PRFIN20090820_233507_000000522081_00445_39076_9798.N1	20-AUG-2009 23:35:07	Bright	52.000	6	13Alp Aur	0.080000	3400.0	104	39076	No
260	GOM_NL__2PRFIN20090820_233813_000000432081_00445_39076_9799.N1	20-AUG-2009 23:38:13	Bright	42.500	107	37The Aur	2.6490	11000.	85	39076	No
261	GOM_NL__2PRFIN20090820_234129_000000572081_00445_39076_9800.N1	20-AUG-2009 23:41:29	Twilight	57.000	28	12Bet Tau	1.6500	15200.	114	39076	No
262	GOM_NL__2PRFIN20090820_234359_000000502081_00445_39076_9801.N1	20-AUG-2009 23:43:59	Twilight	50.000	176	23Zet Tau	3.0200	22000.	100	39076	No
263	GOM_NL__2PRFIN20090820_234806_000000562081_00445_39076_9802.N1	20-AUG-2009 23:48:06	Dark	55.500	14	58Alp Ori	0.87000	3000.0	111	39076	No
264	GOM_NL__2PRFIN20090820_234934_000000552081_00445_39076_9803.N1	20-AUG-2009 23:49:34	Dark	54.500	27	24Gam Ori	1.6360	26000.	109	39076	No
265	GOM_NL__2PRFIN20090820_235131_000000502081_00445_39076_9804.N1	20-AUG-2009 23:51:31	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	39076	No
266	GOM_NL__2PRFIN20090820_235259_000000492081_00445_39076_9805.N1	20-AUG-2009 23:52:59	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	39076	No
267	GOM_NL__2PRFIN20090820_235445_000000642081_00445_39076_9806.N1	20-AUG-2009 23:54:45	Dark	63.500	7	19Bet Ori	0.10000	14000.	127	39076	No
268	GOM_NL__2PRFIN20090820_235628_000000492081_00445_39076_9807.N1	20-AUG-2009 23:56:28	Dark	48.500	101	11Alp Lep	2.5820	7000.0	97	39076	No

3. Quality information per product

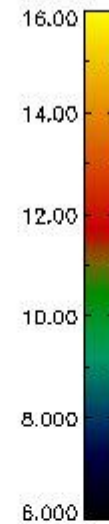
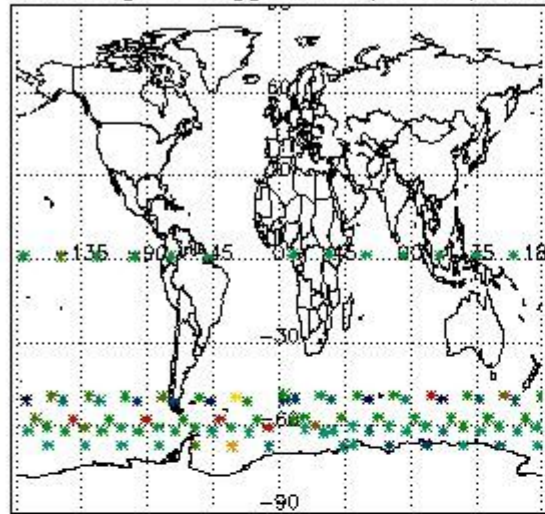
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

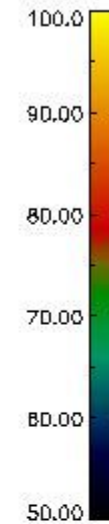
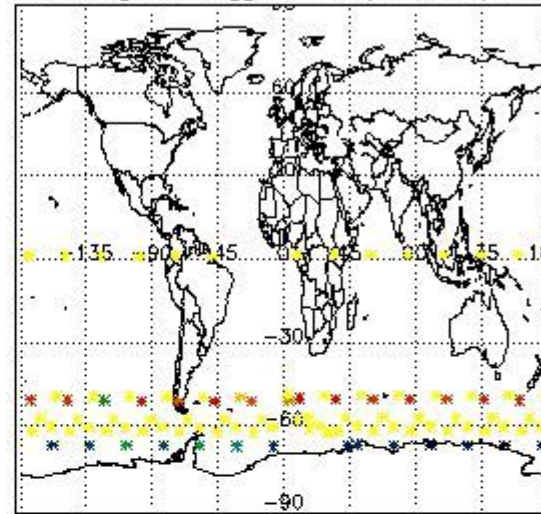


3.2 Plot quality information per product (world map)

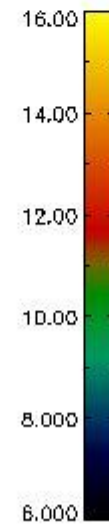
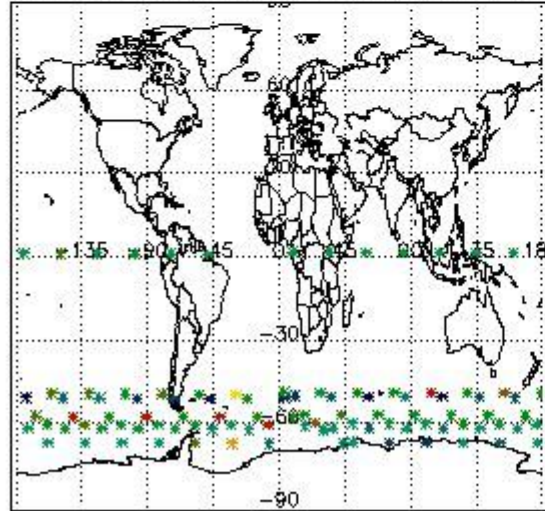
Percentage of flagged data per O3 profile



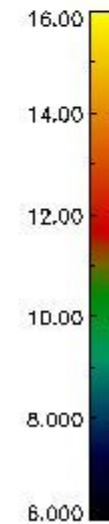
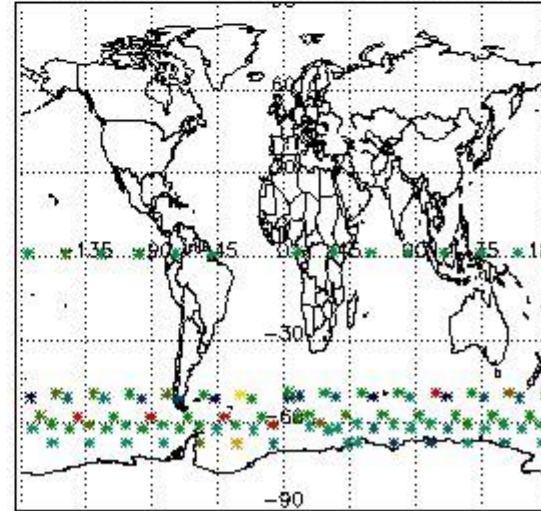
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

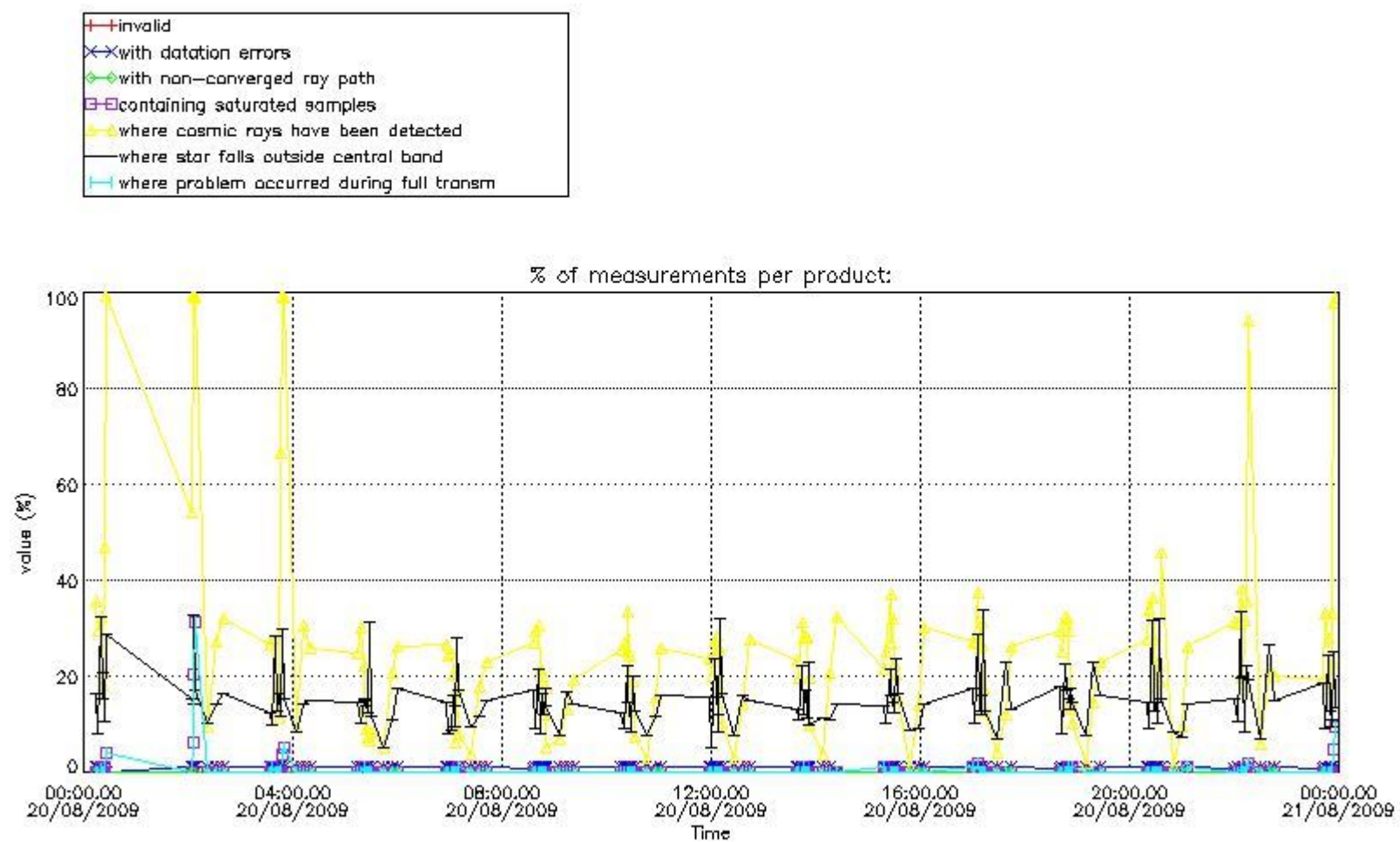


4. Level 1 quality information per product

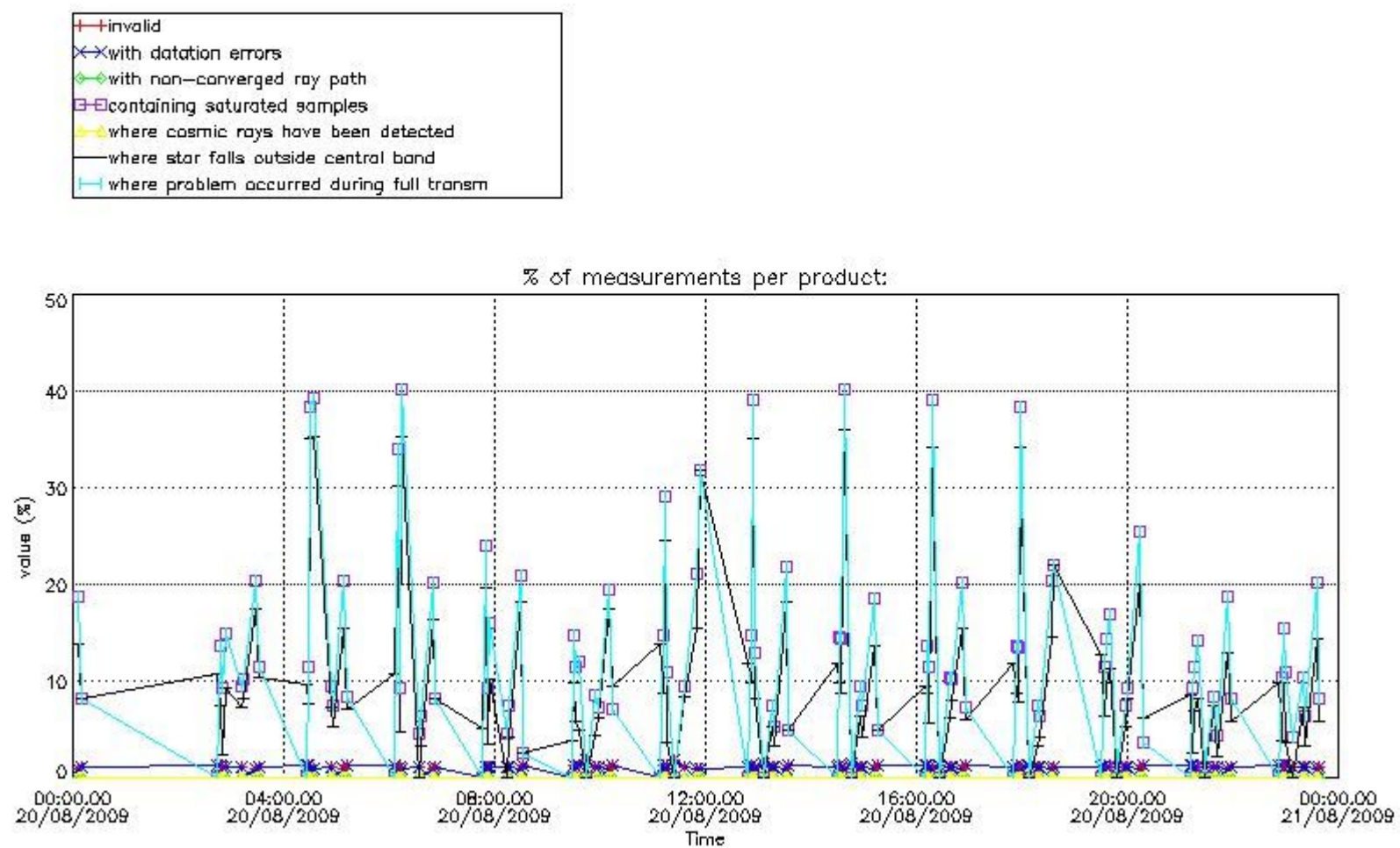
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

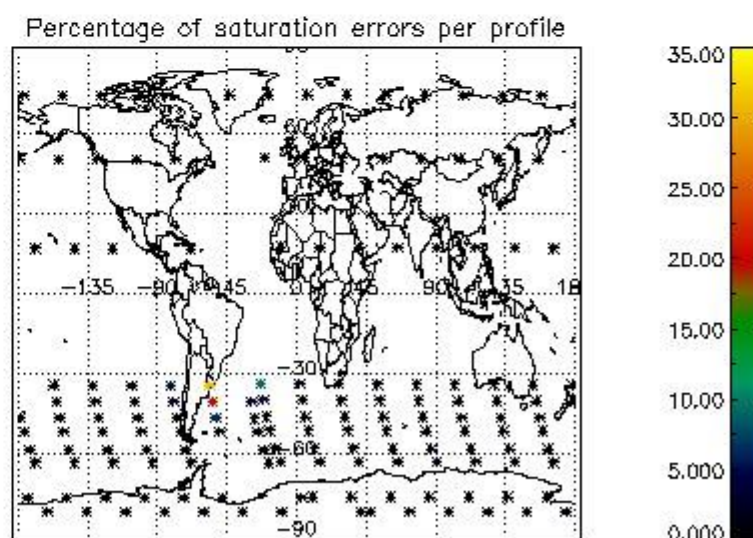
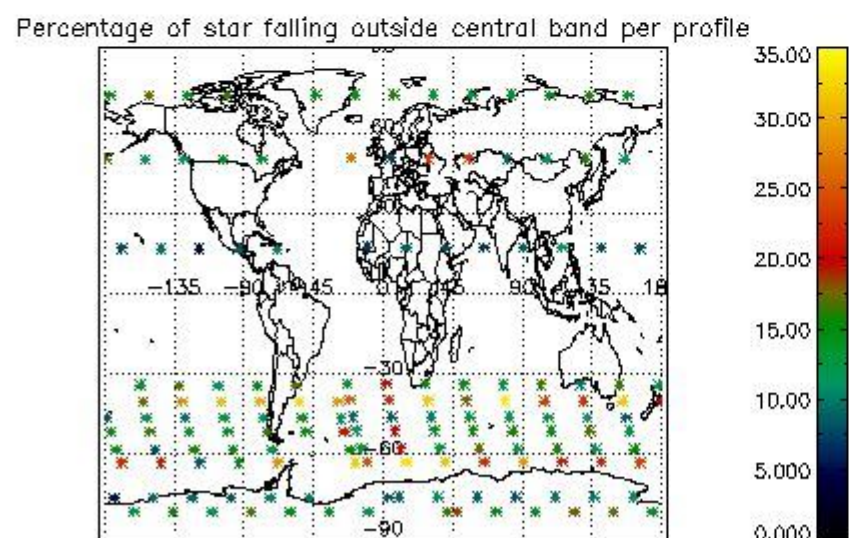
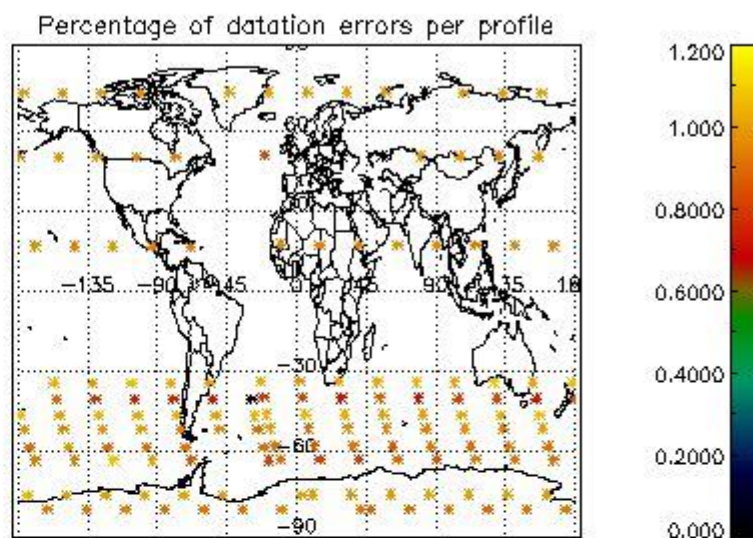
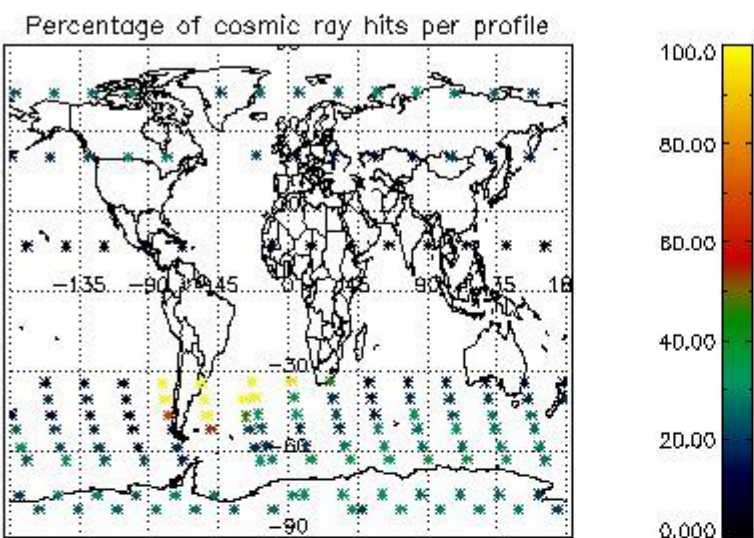


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

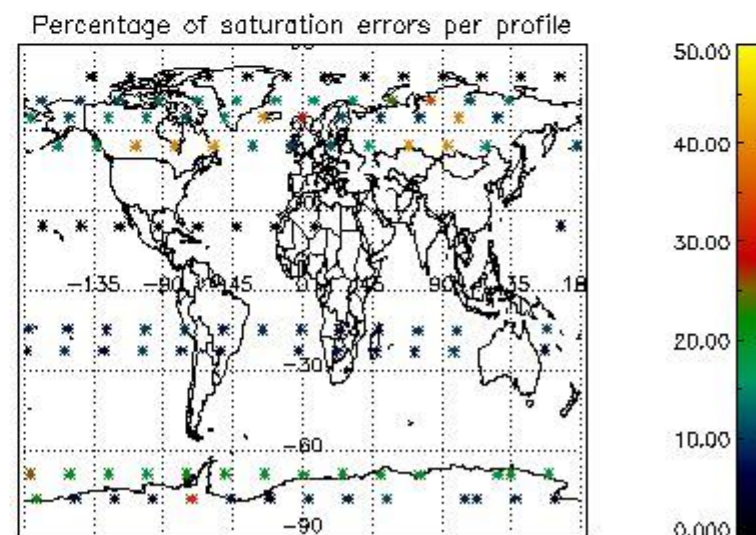
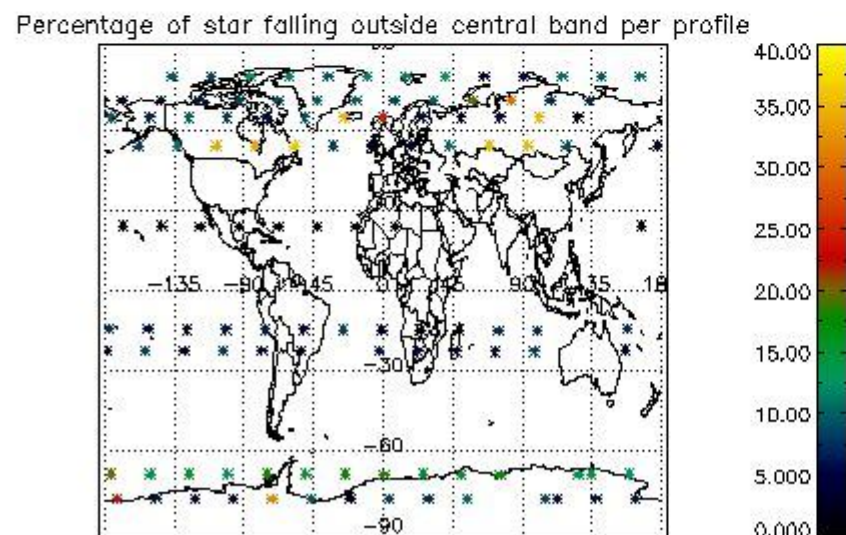
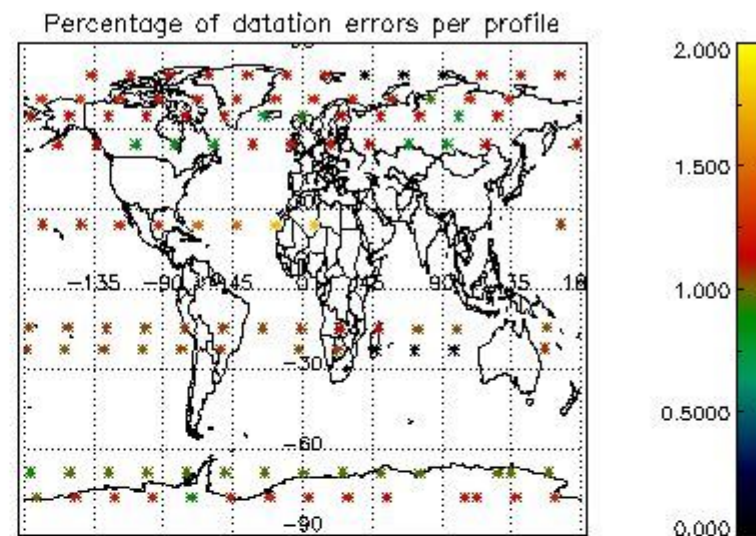
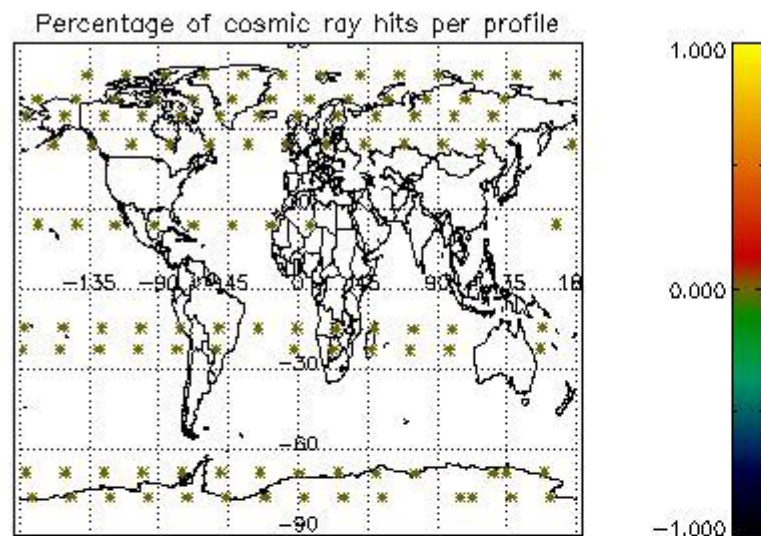


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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

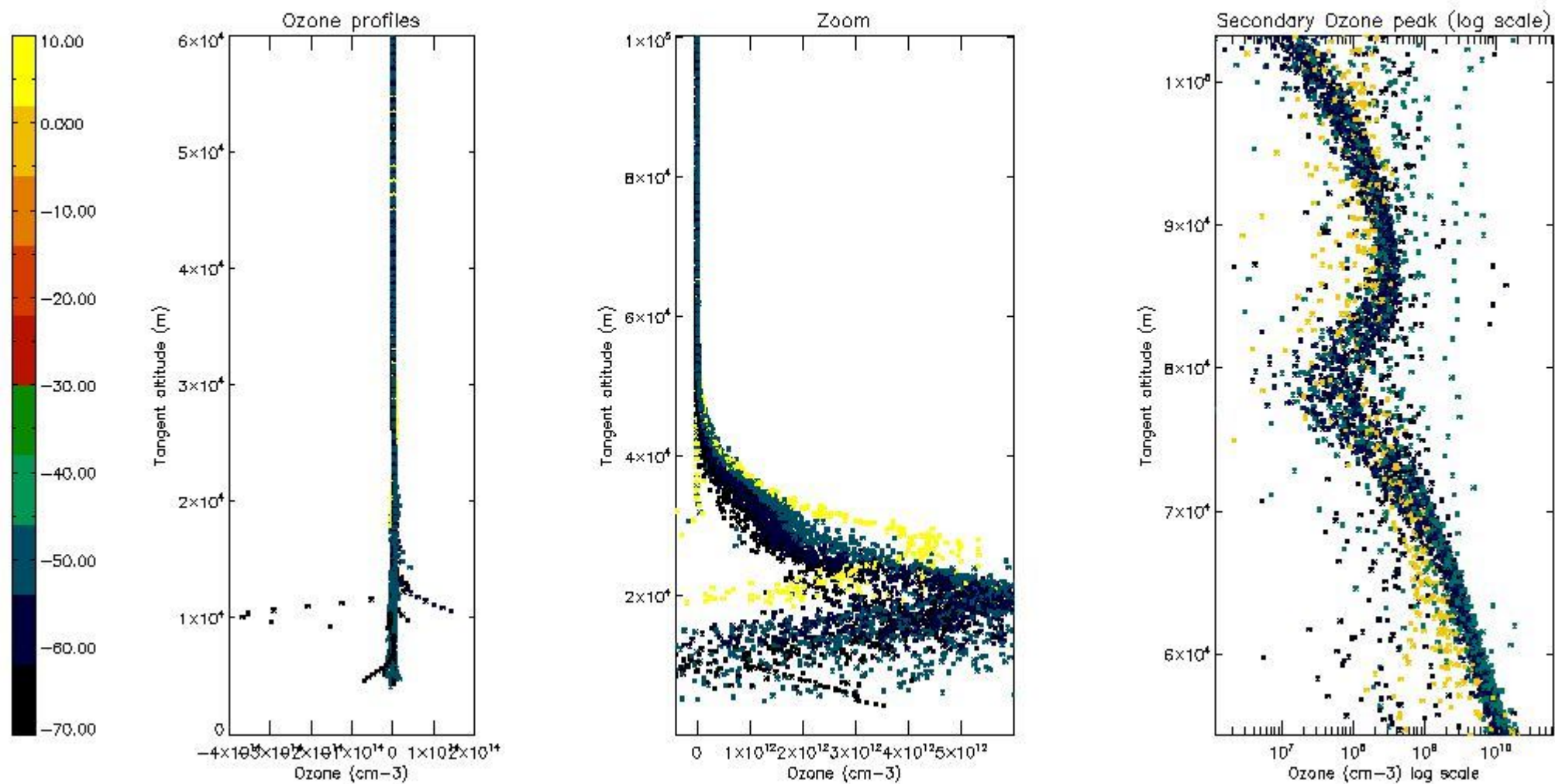
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	41
STD < 20	23

STD < 10	18
STD < 5	12

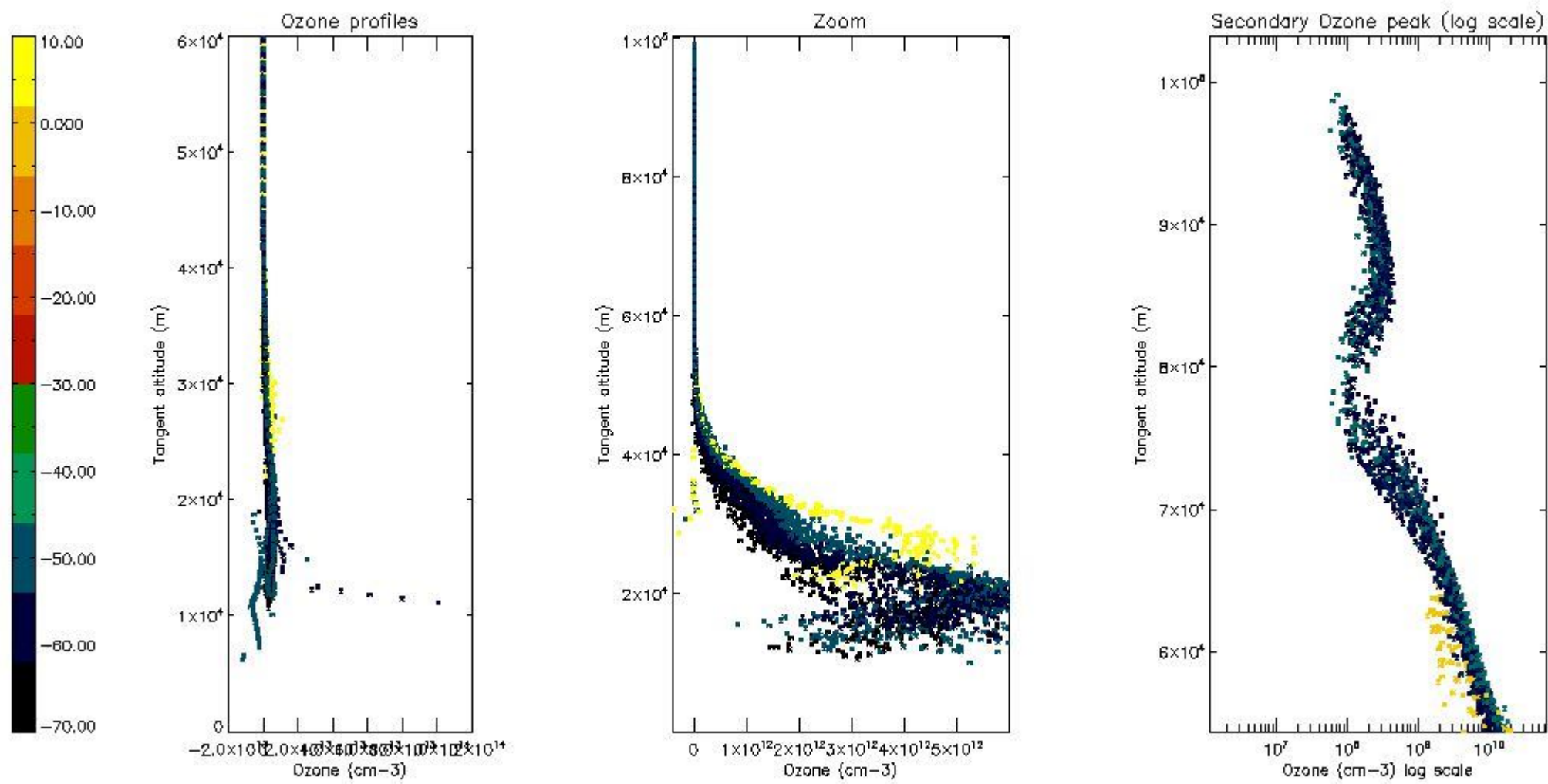
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



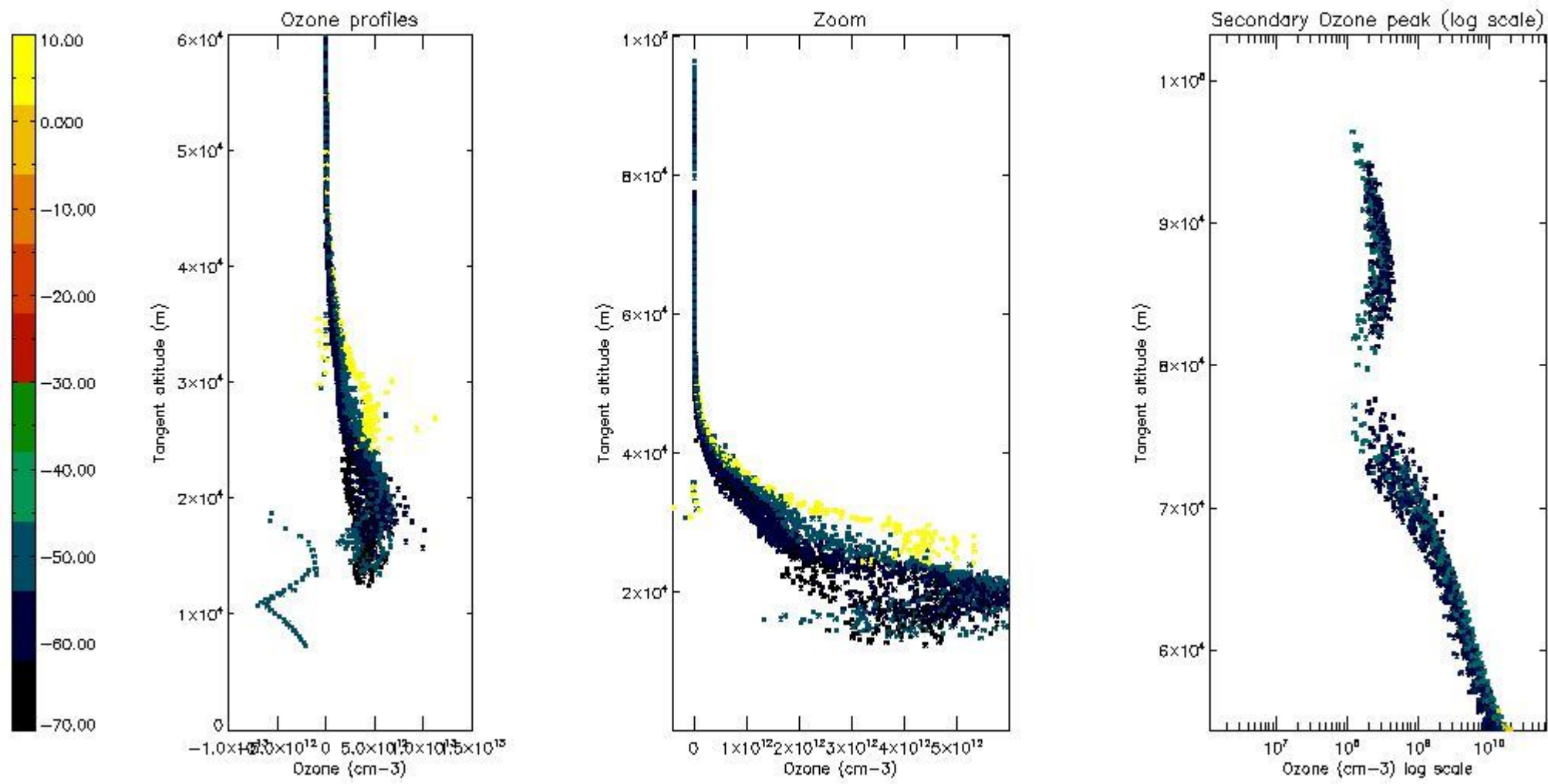
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



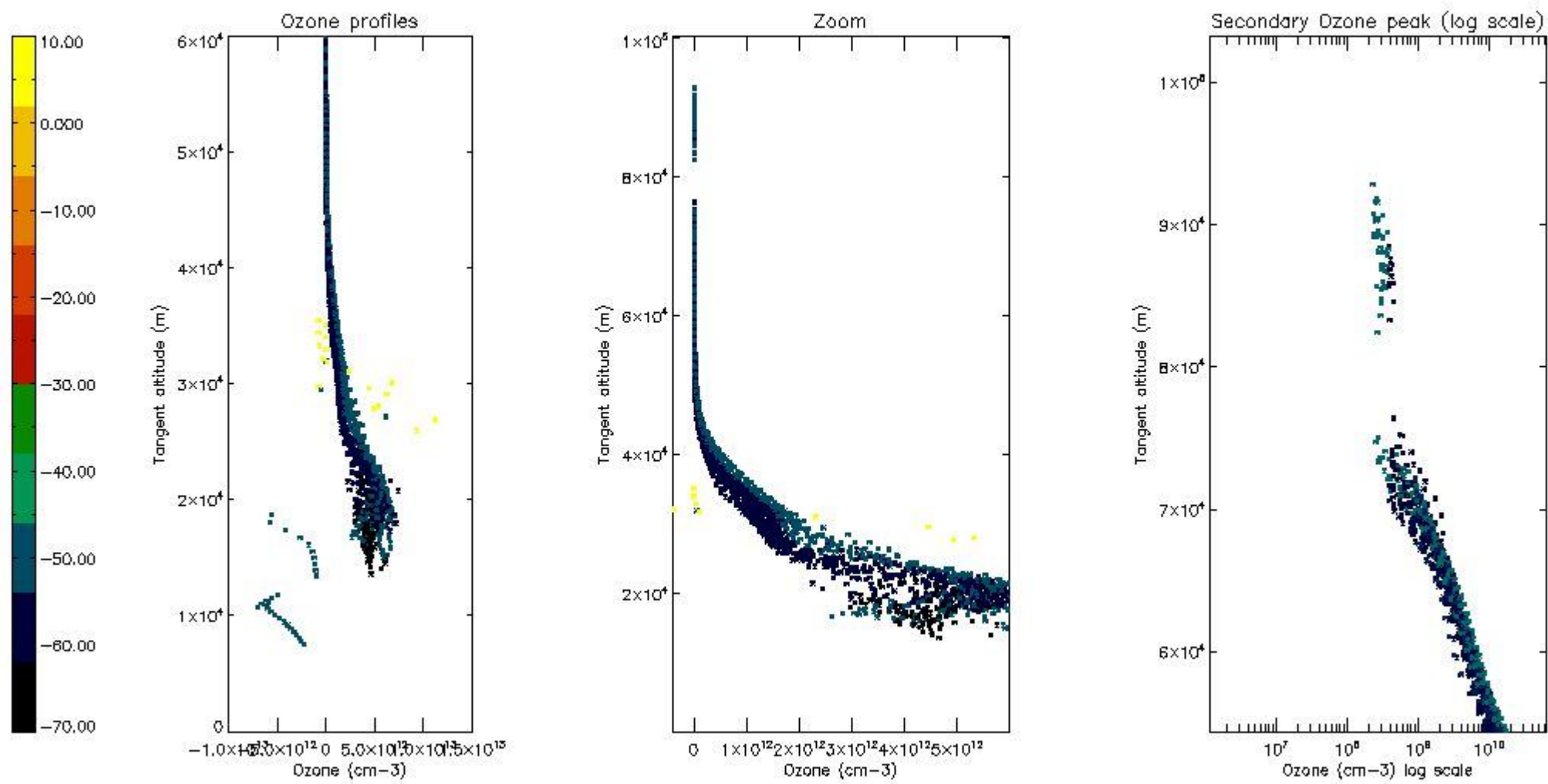
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



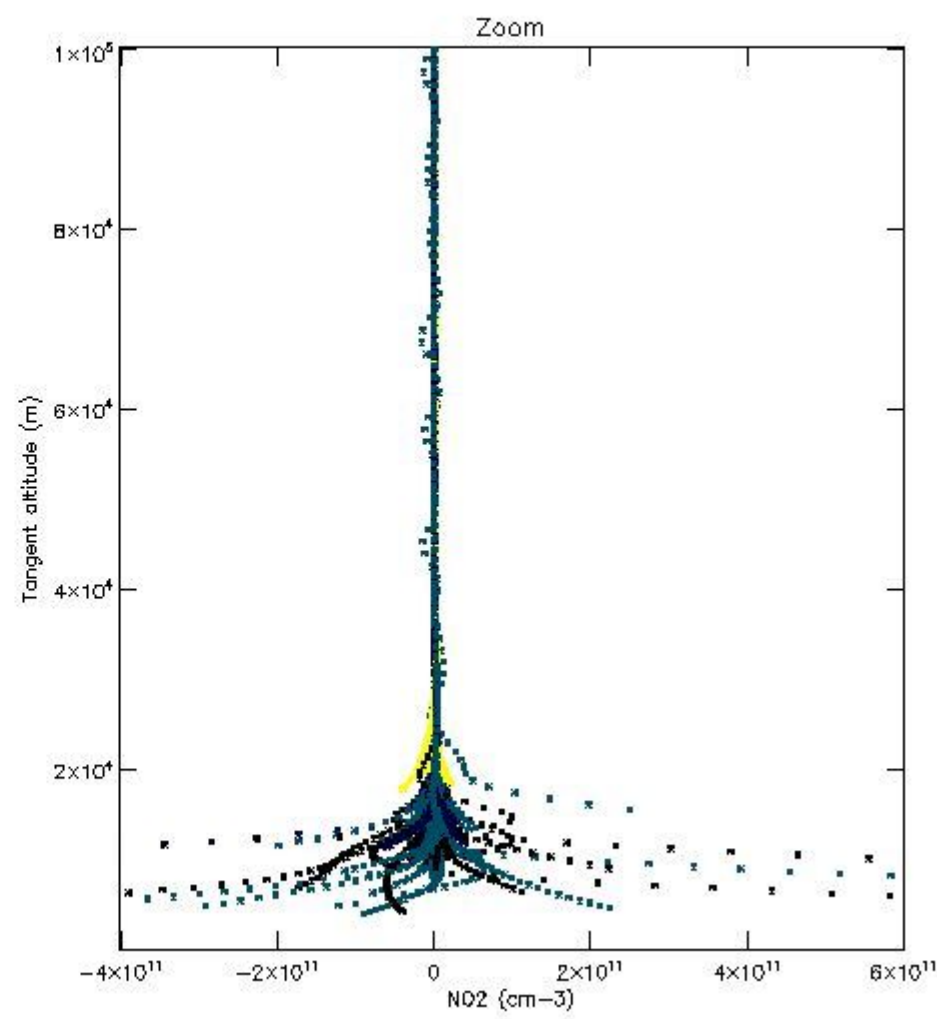
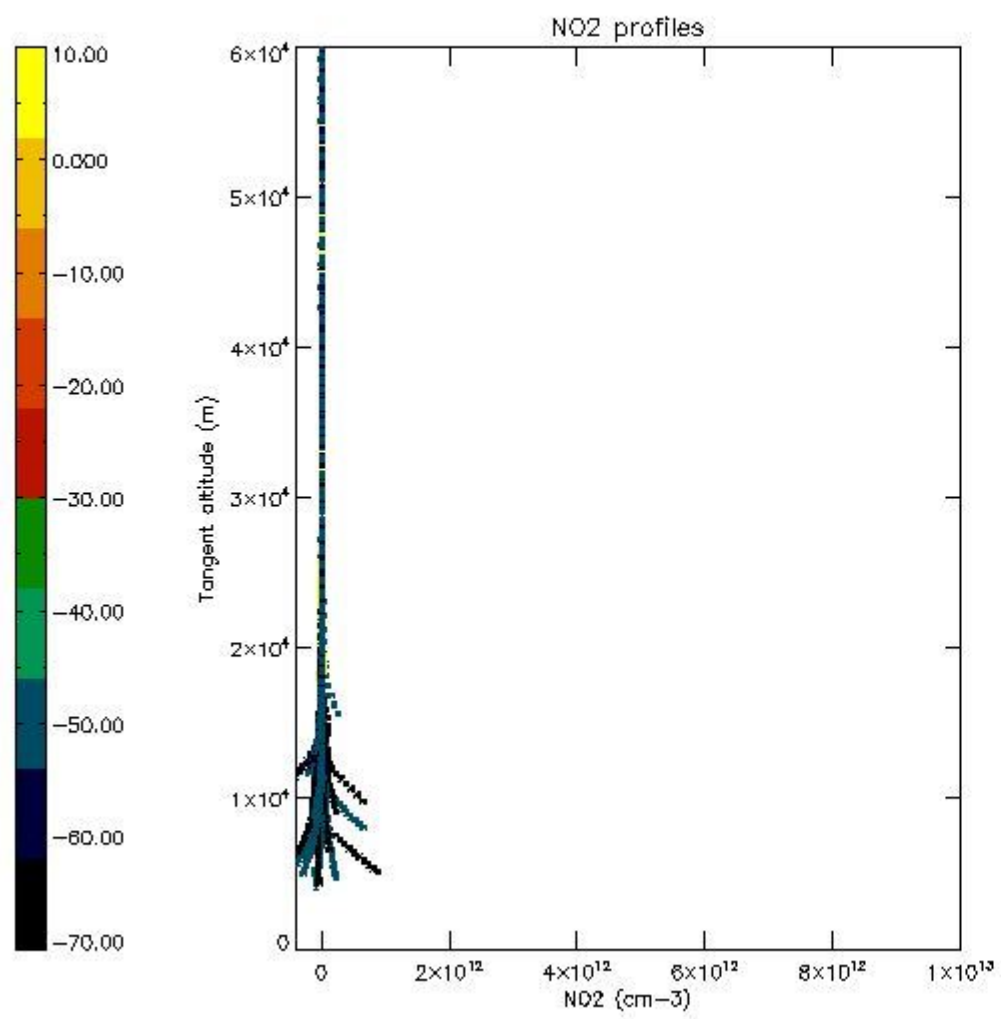
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



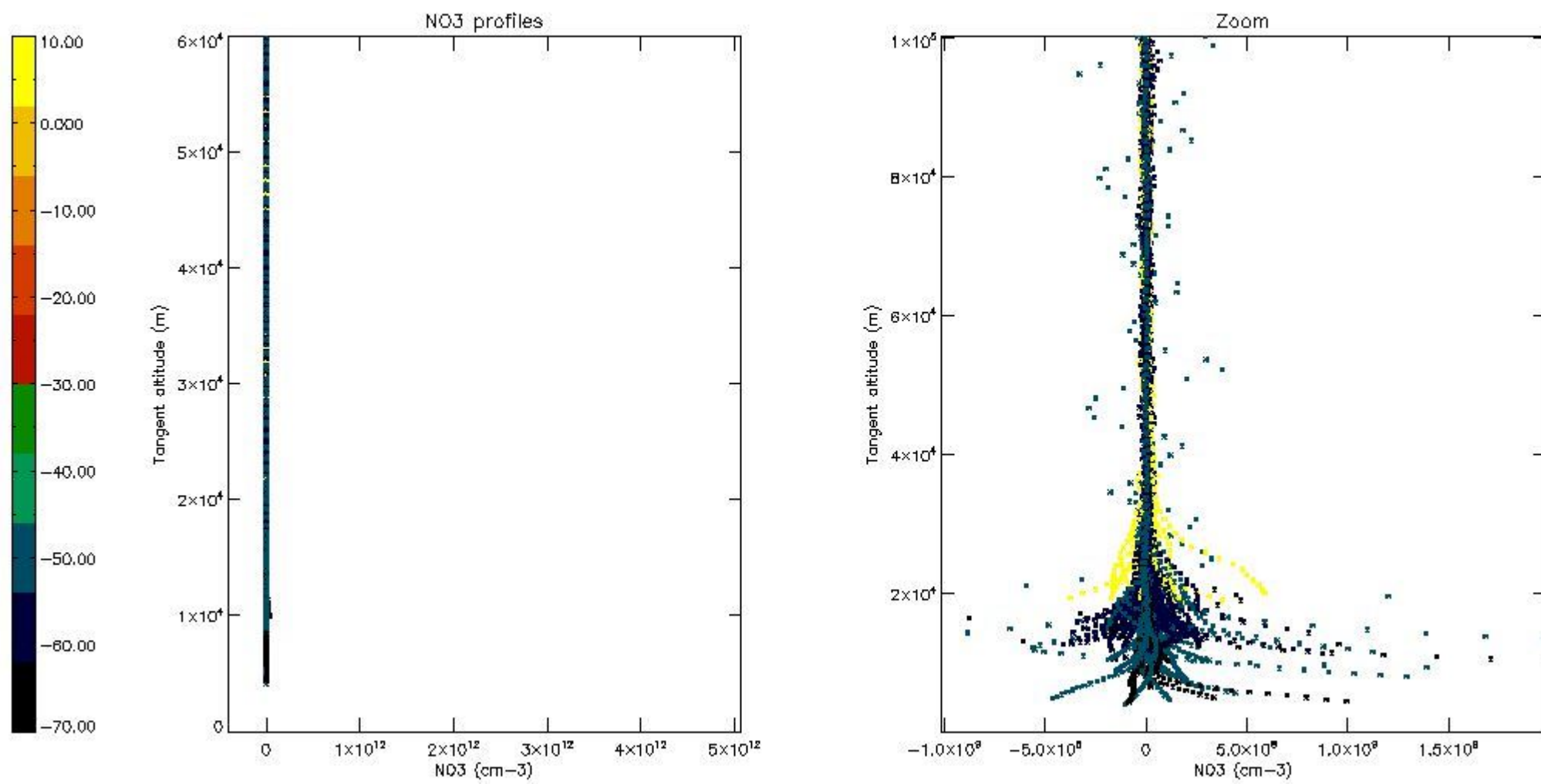
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



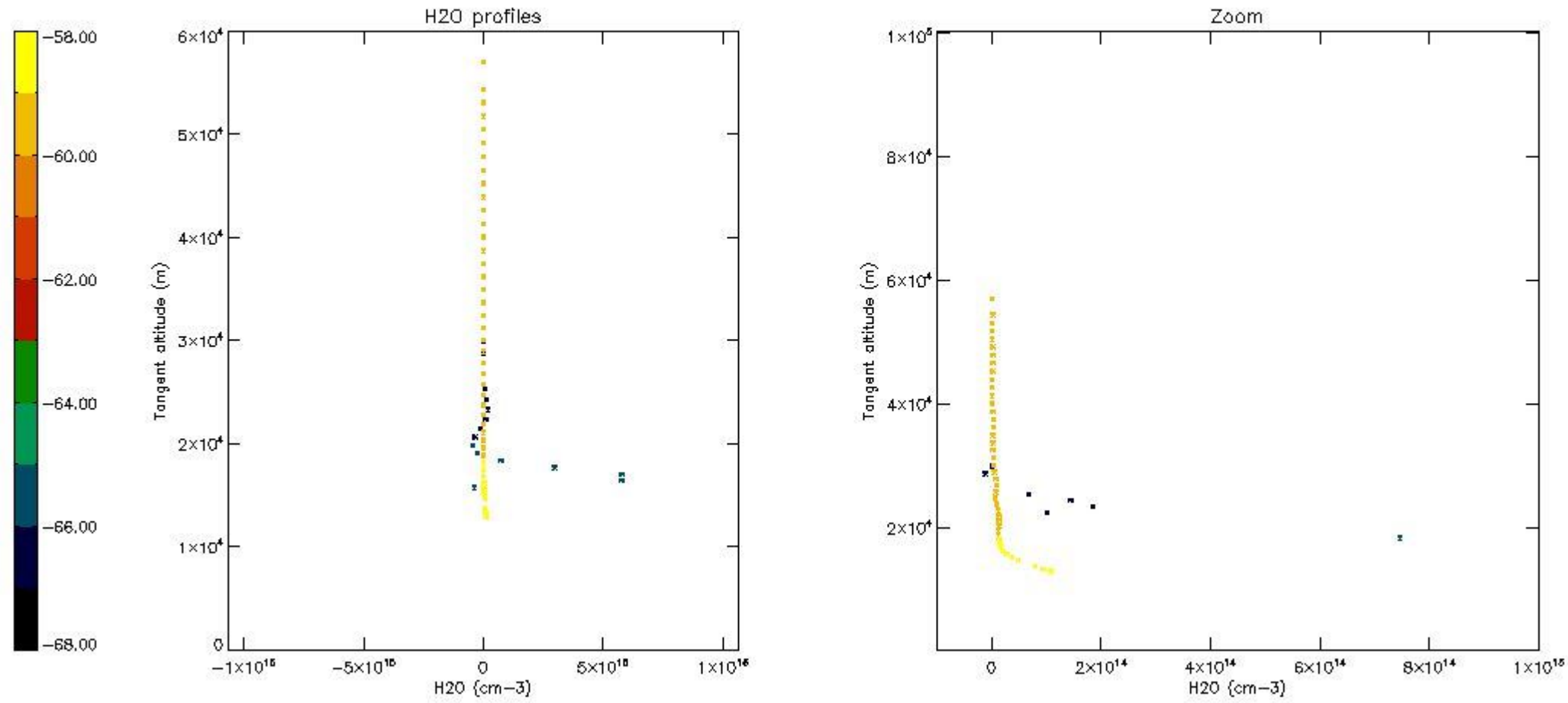
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

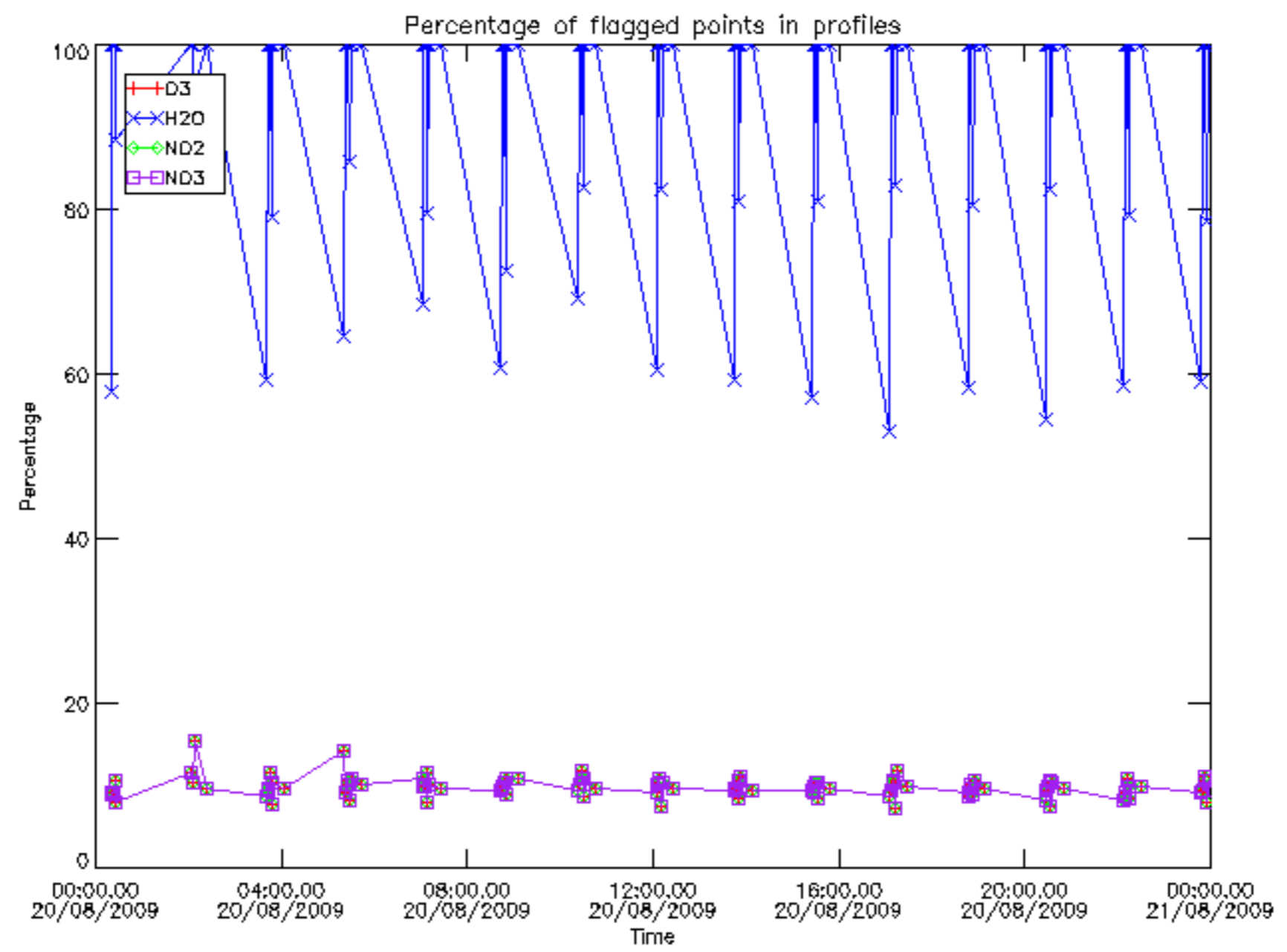
The colorbar represents the latitude.



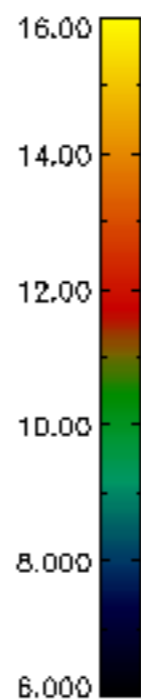
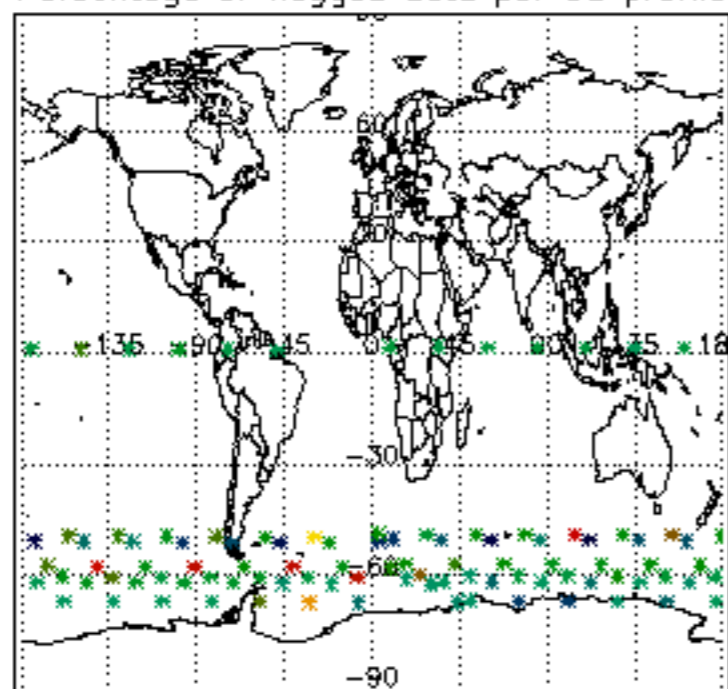
6. Auxiliary Data Files used for the production reported in section 2

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.

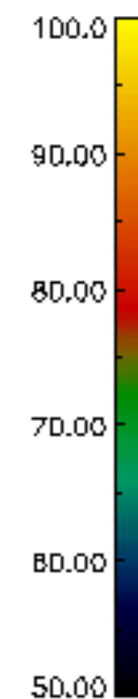
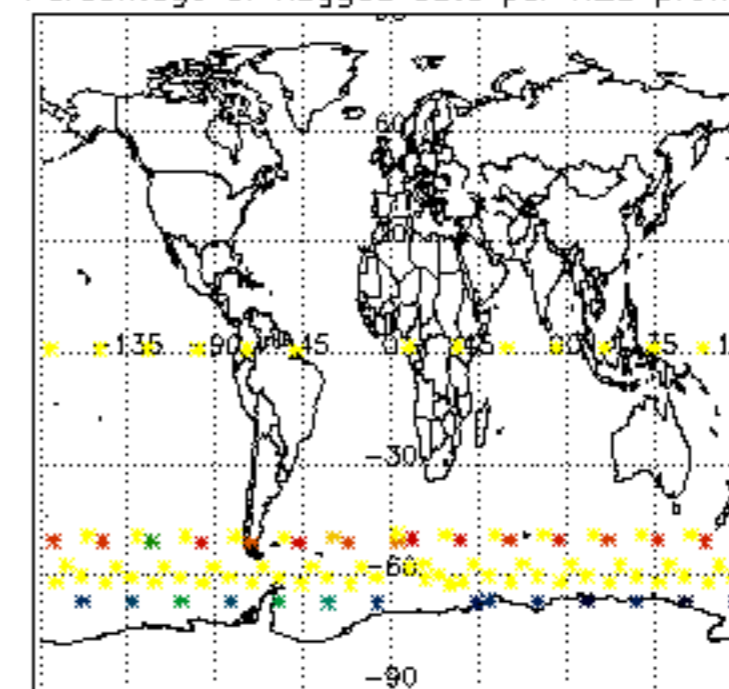
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	20-AUG-2009 00:06:46
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	20-AUG-2009 00:06:46
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	20-AUG-2009 00:06:46



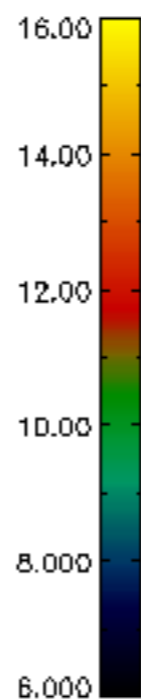
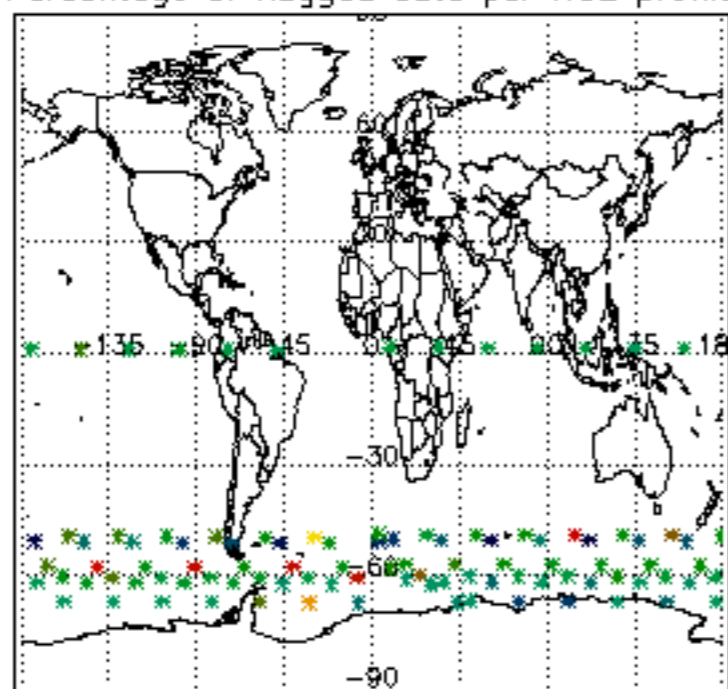
Percentage of flagged data per D3 profile



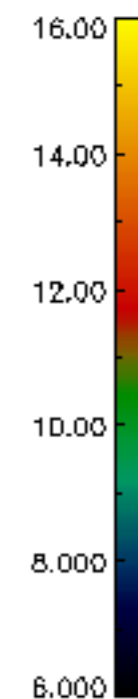
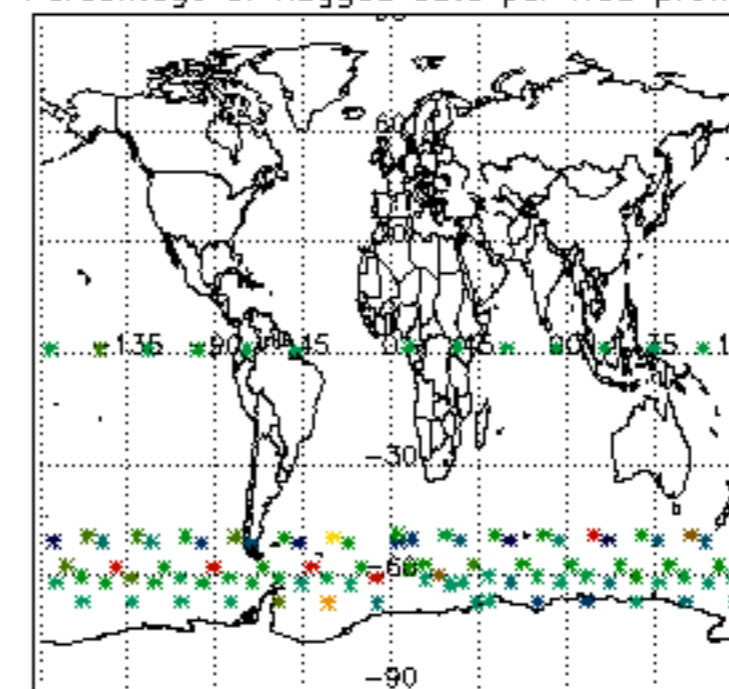
Percentage of flagged data per H2O profile

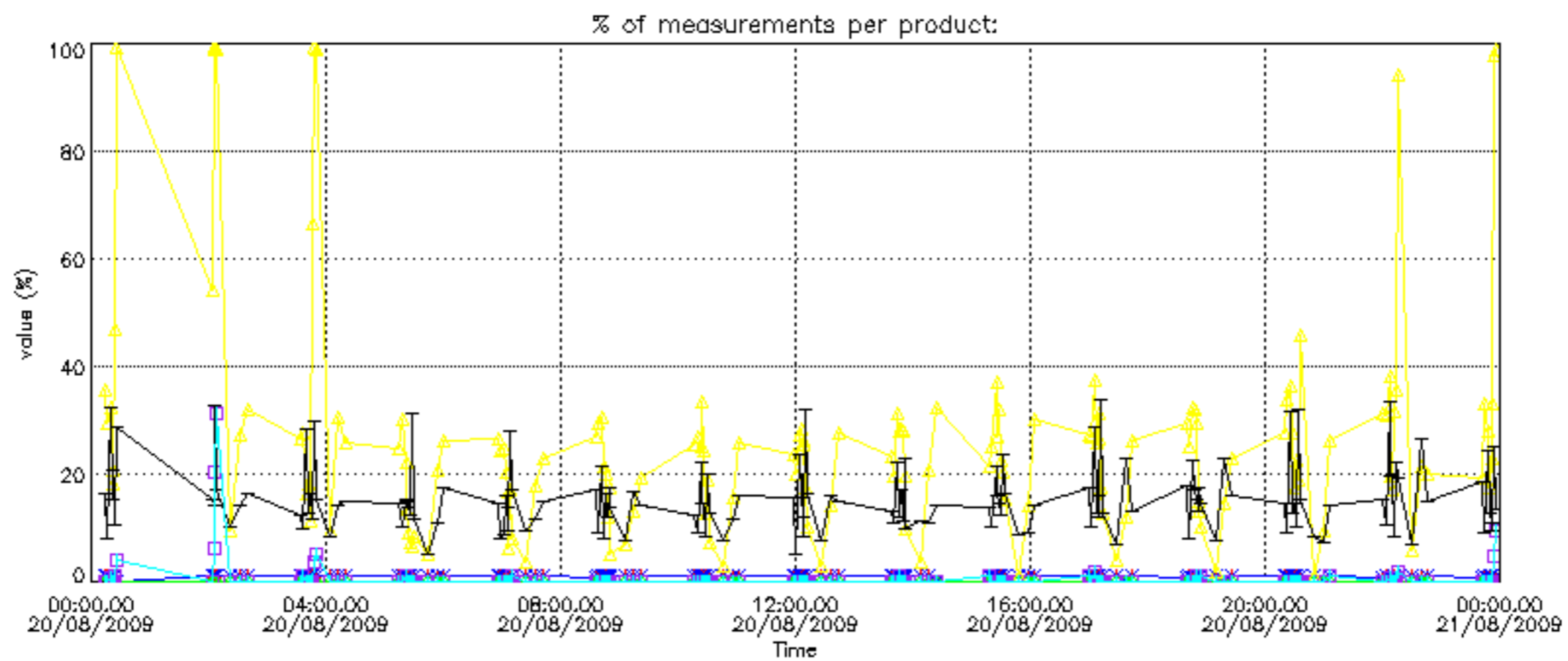
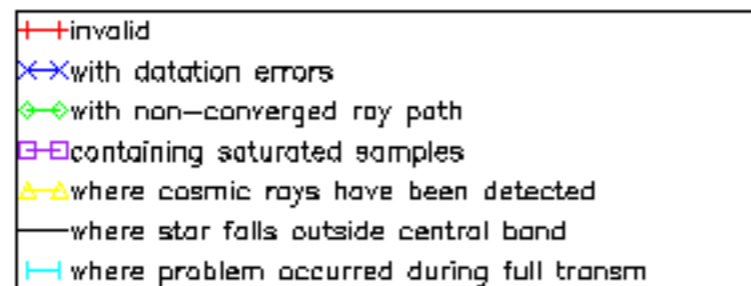


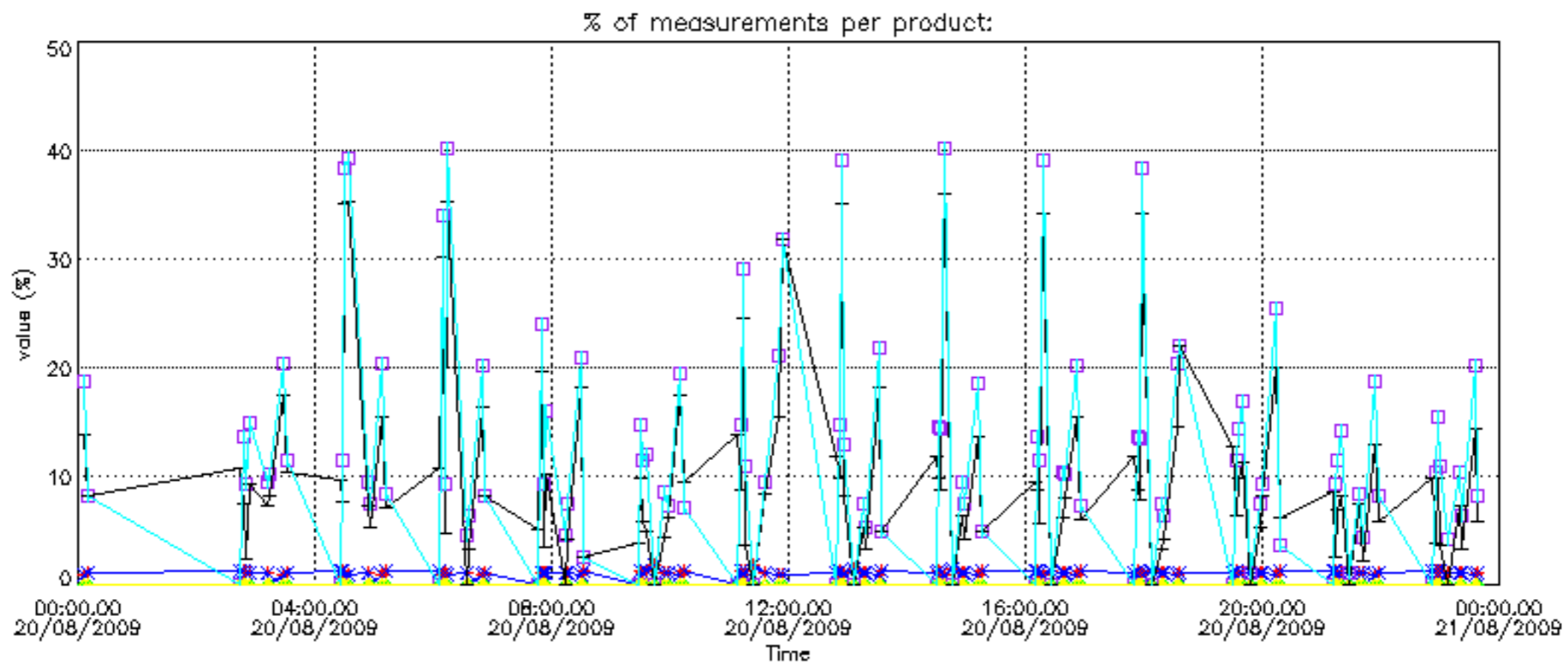
Percentage of flagged data per NO2 profile



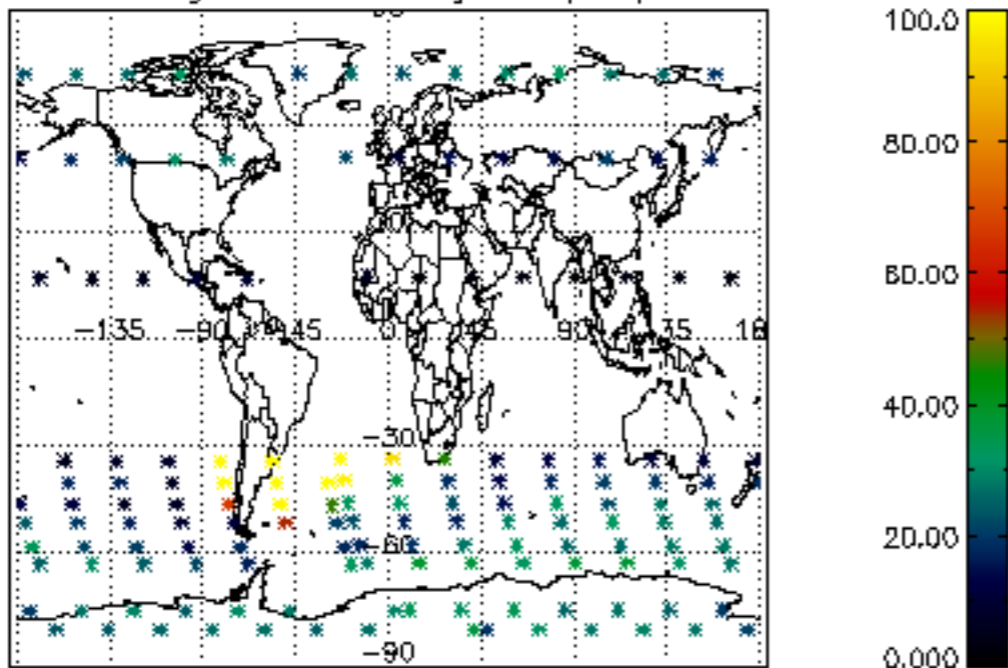
Percentage of flagged data per NO3 profile



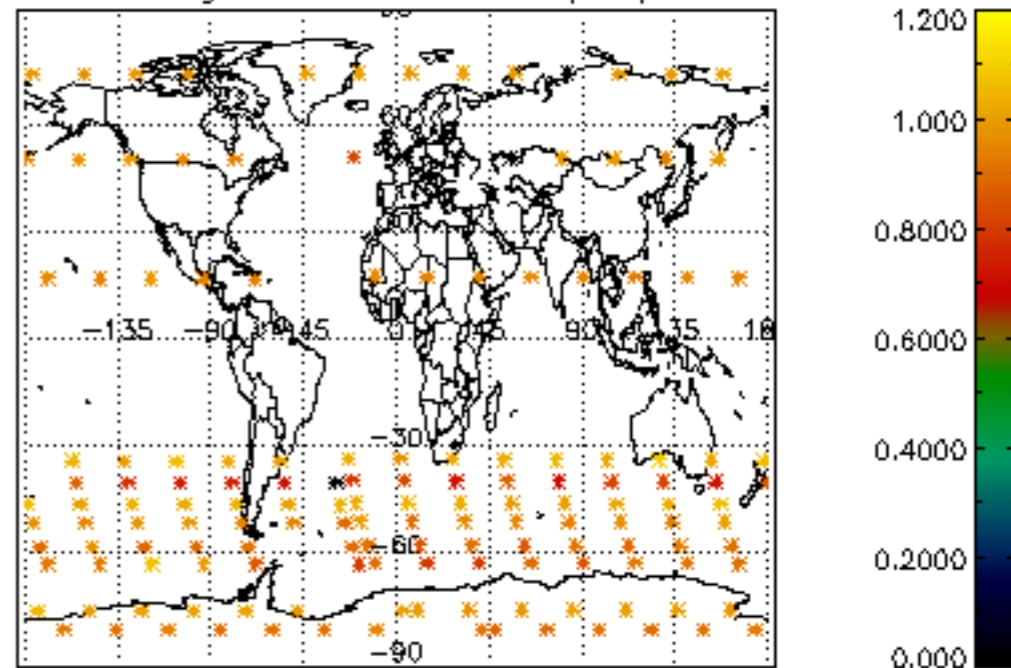




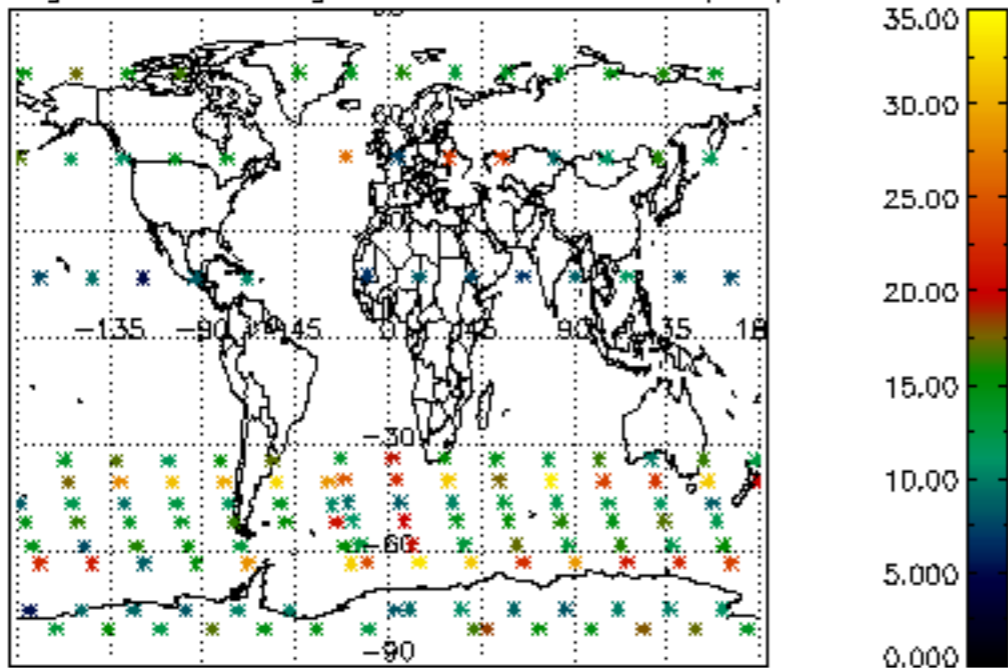
Percentage of cosmic ray hits per profile



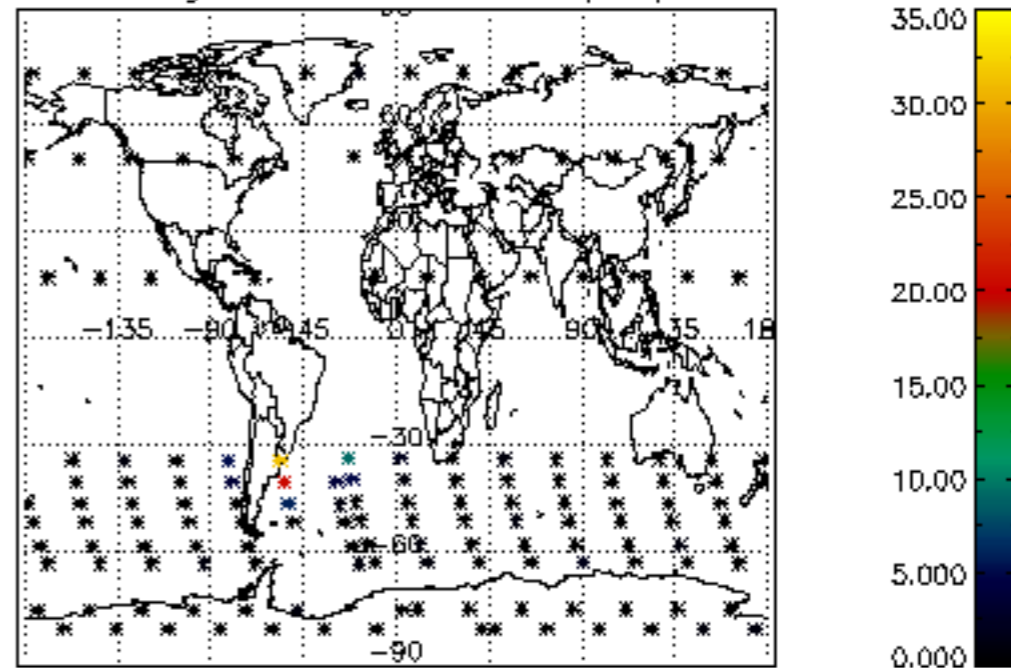
Percentage of datation errors per profile



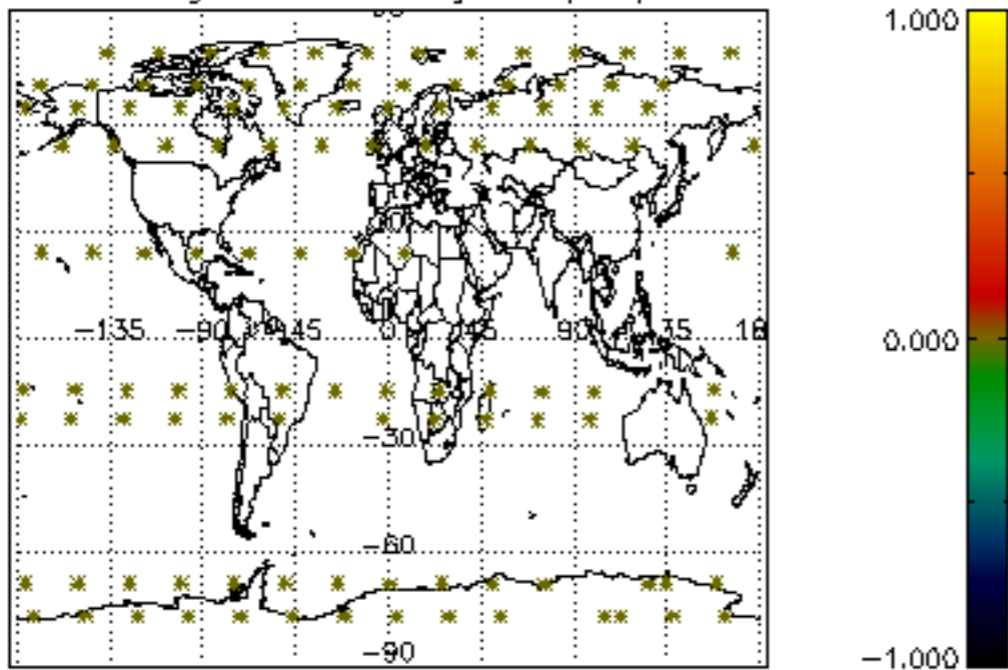
Percentage of star falling outside central band per profile



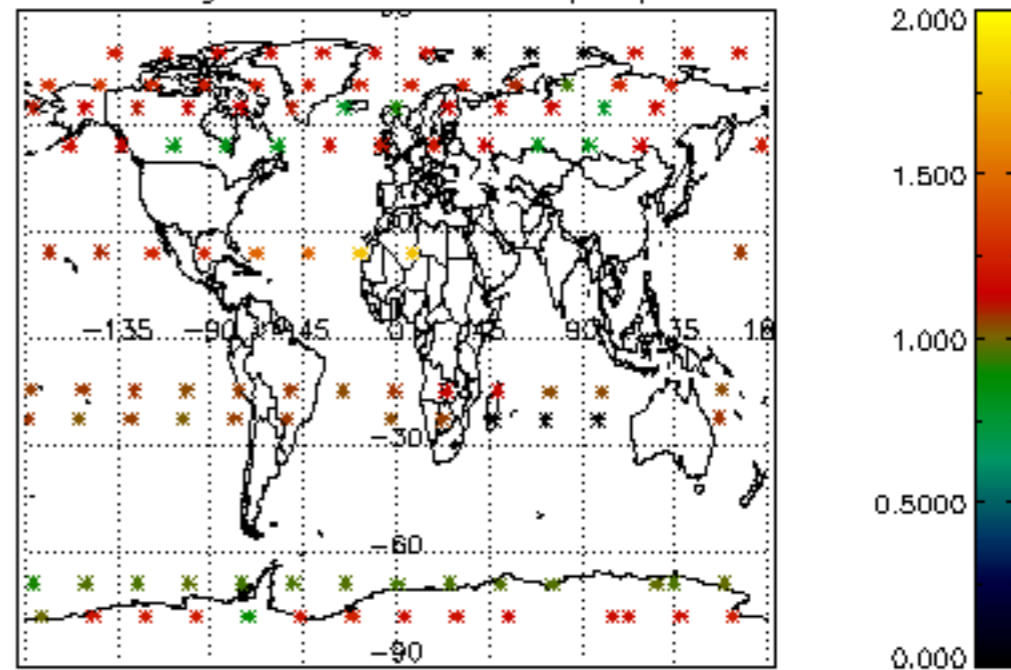
Percentage of saturation errors per profile



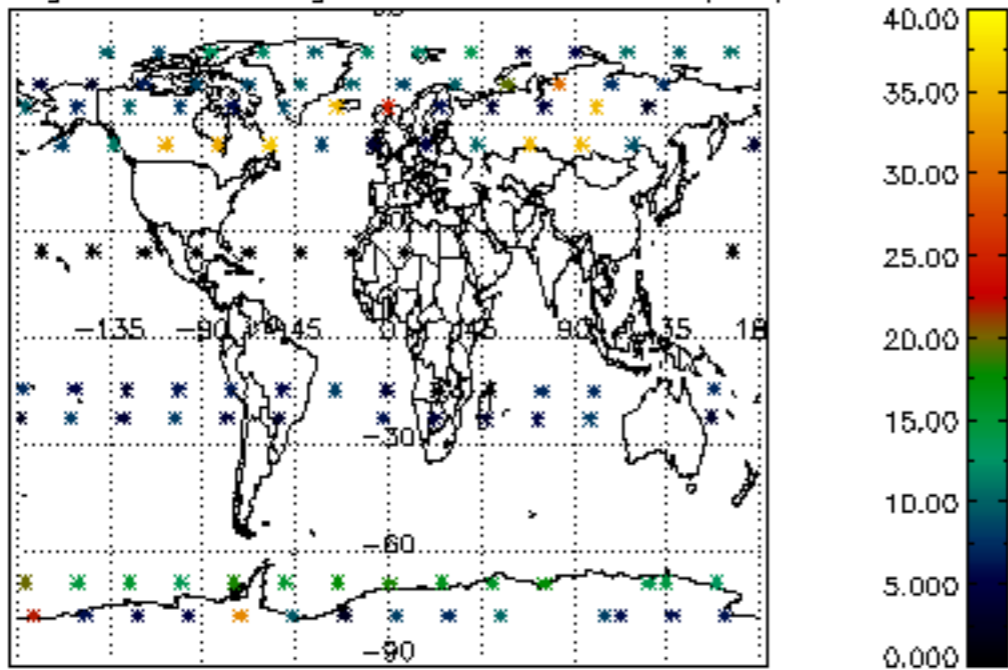
Percentage of cosmic ray hits per profile



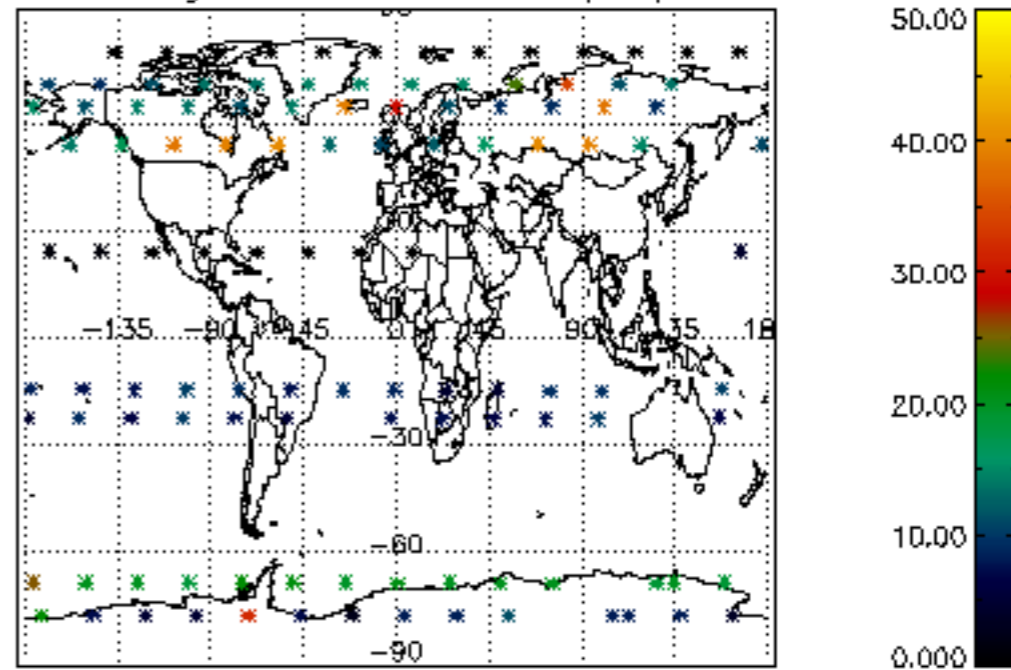
Percentage of datation errors per profile

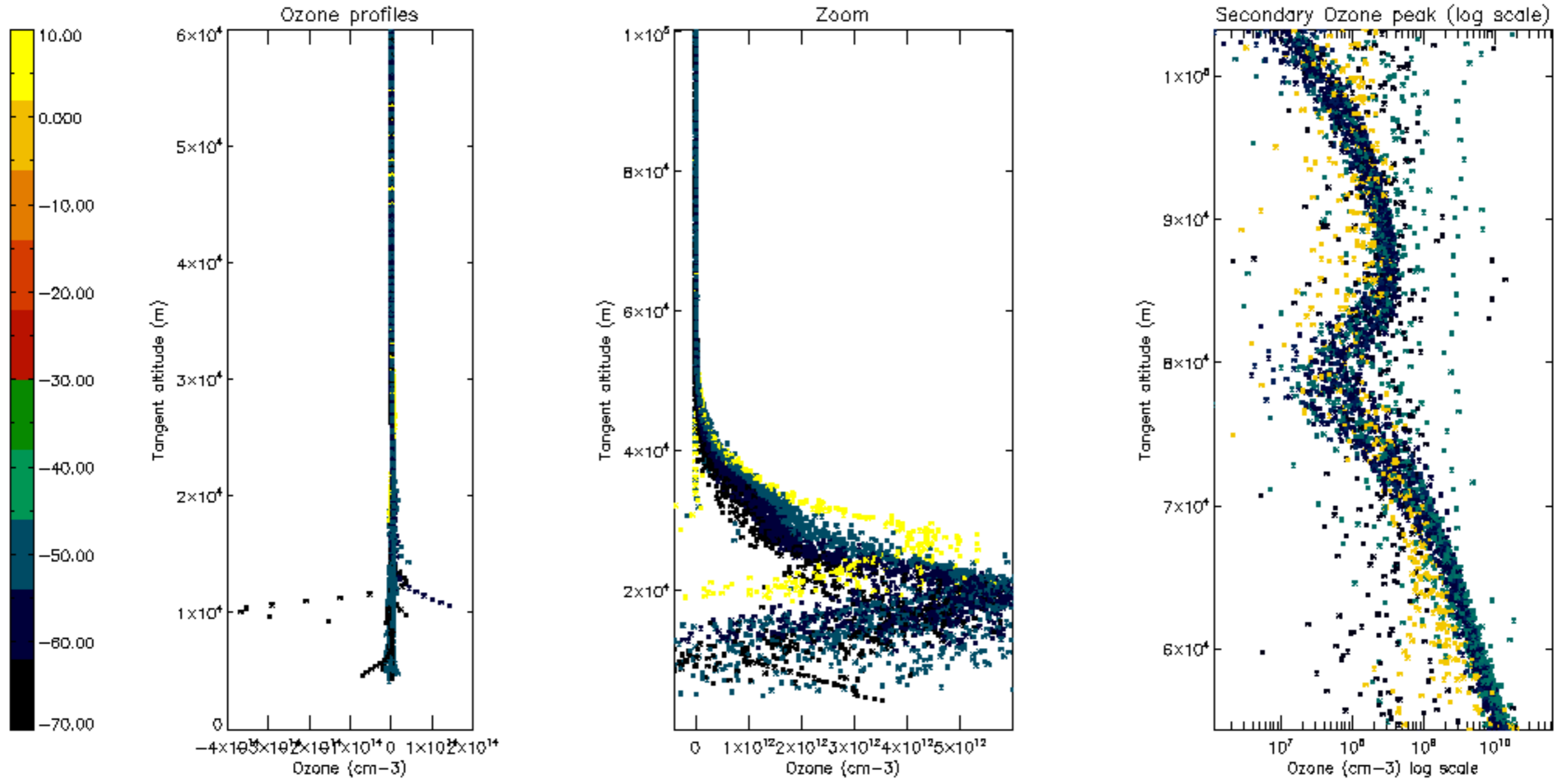


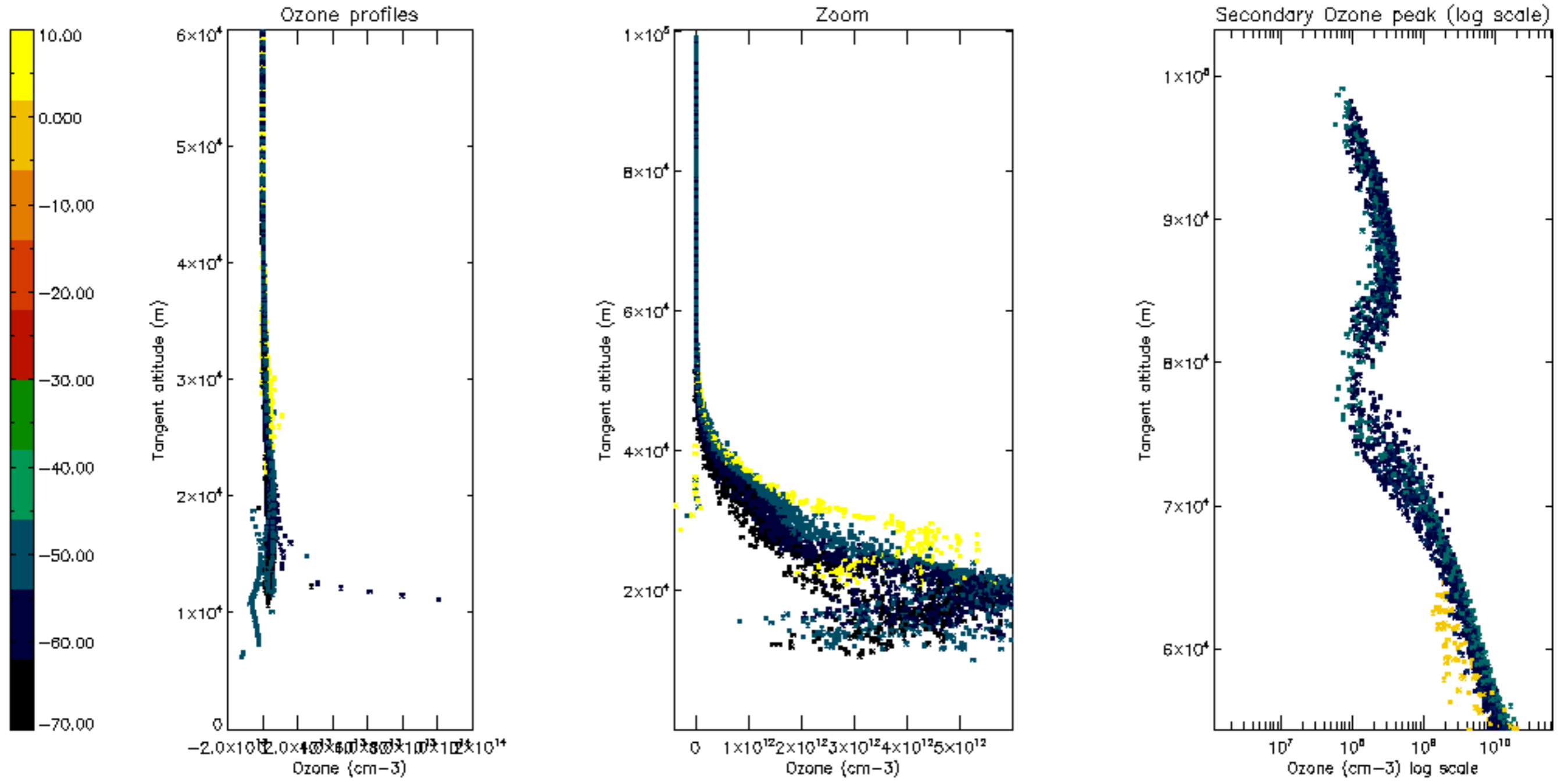
Percentage of star falling outside central band per profile

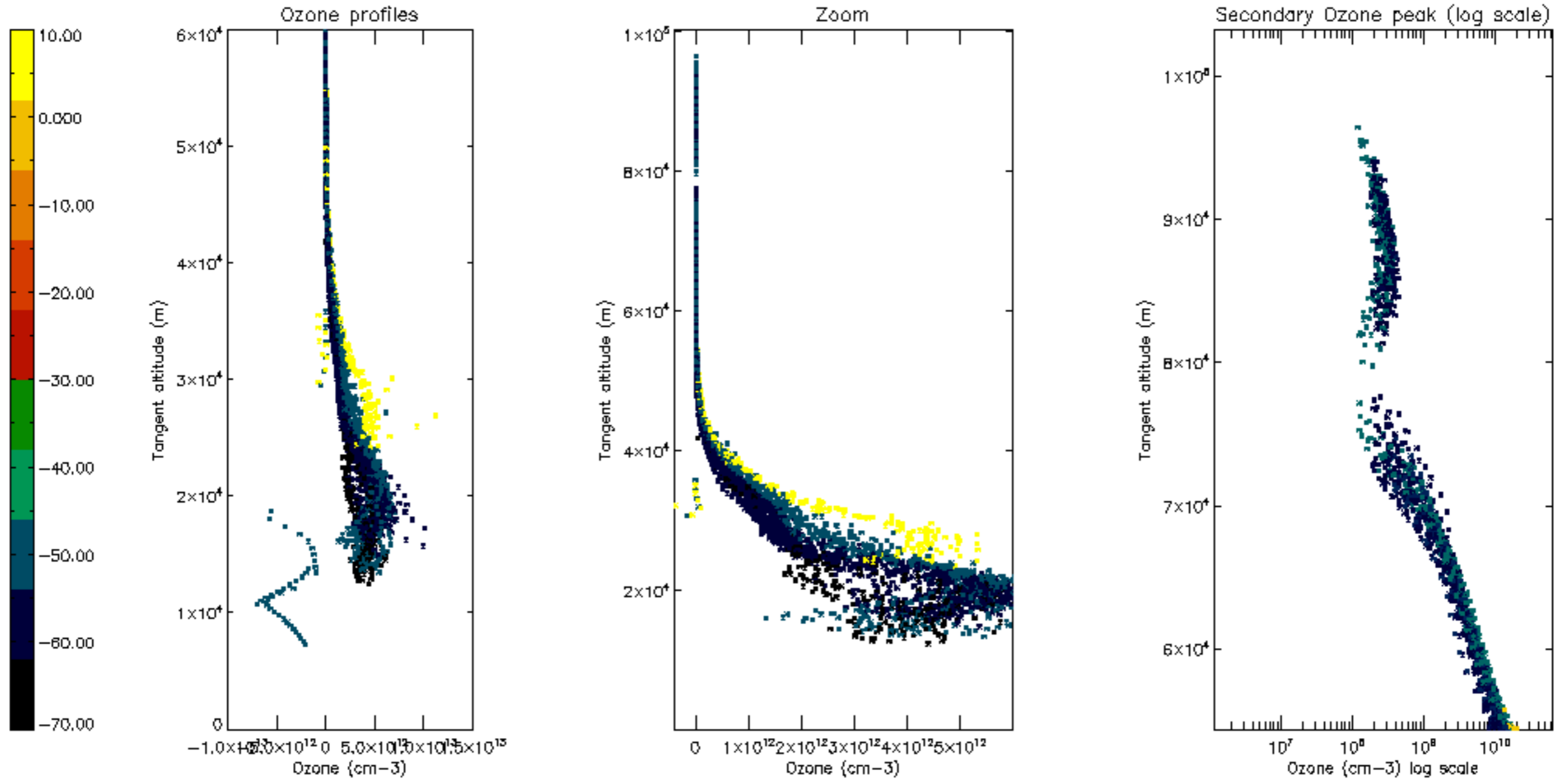


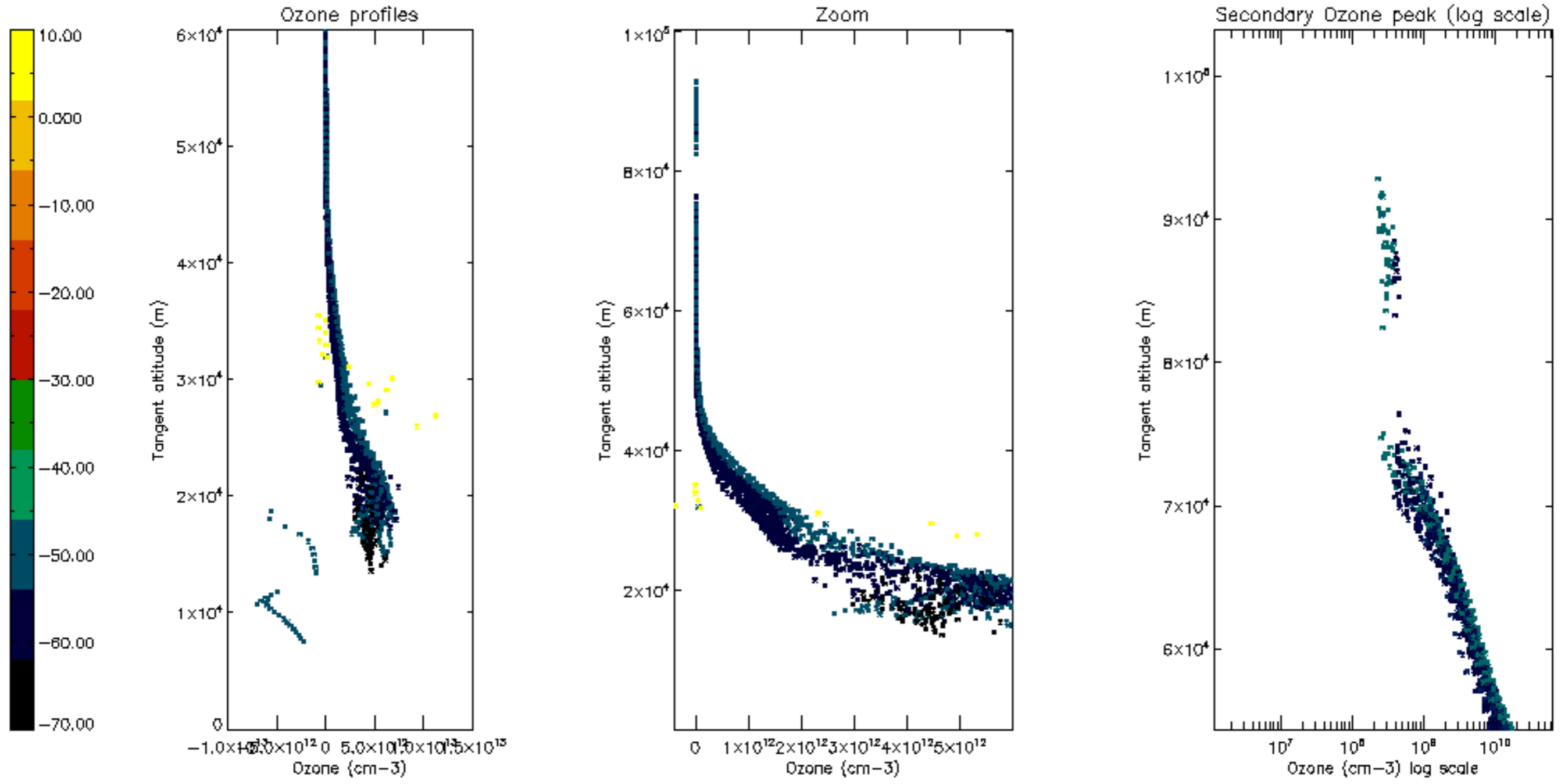
Percentage of saturation errors per profile

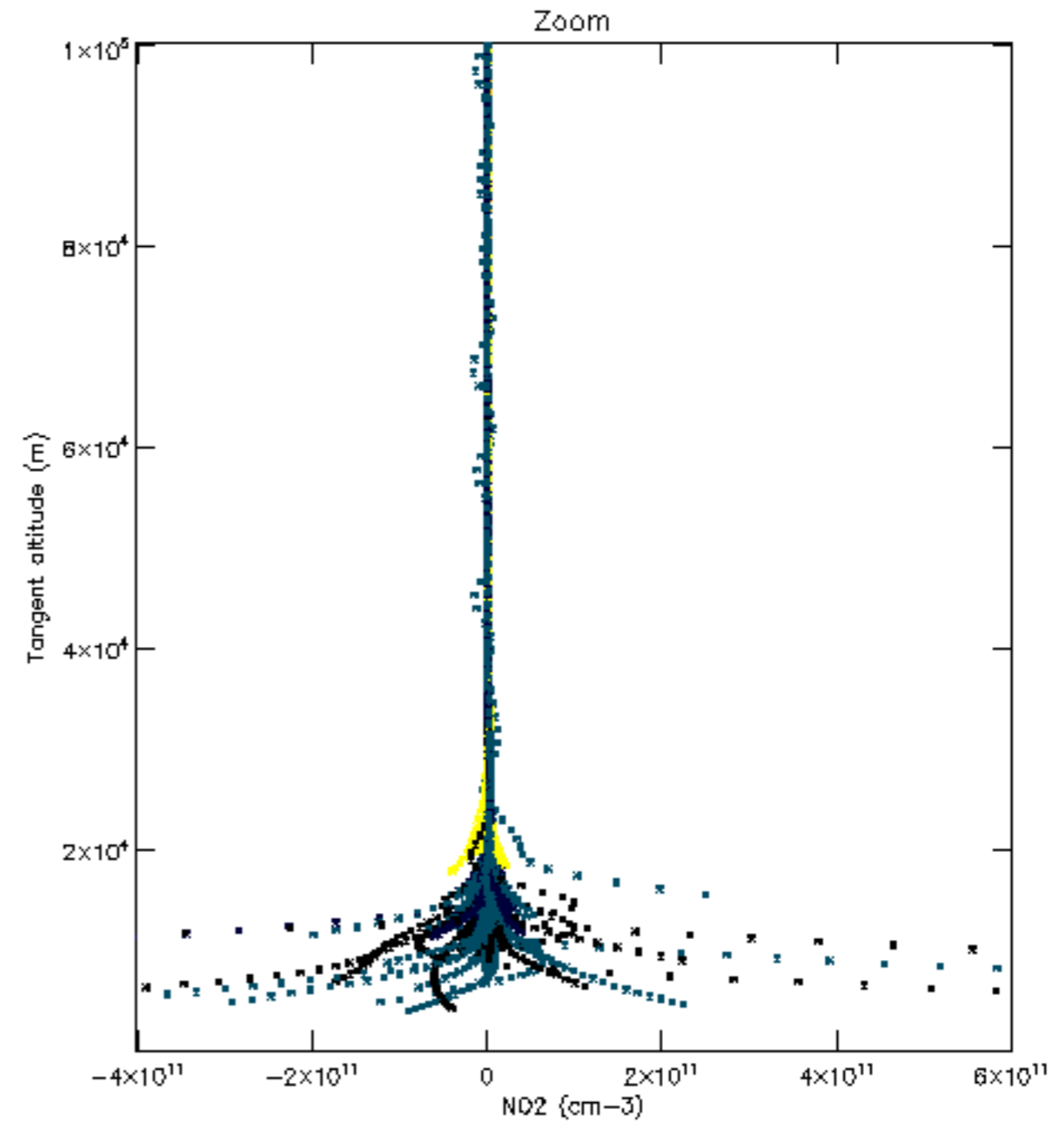
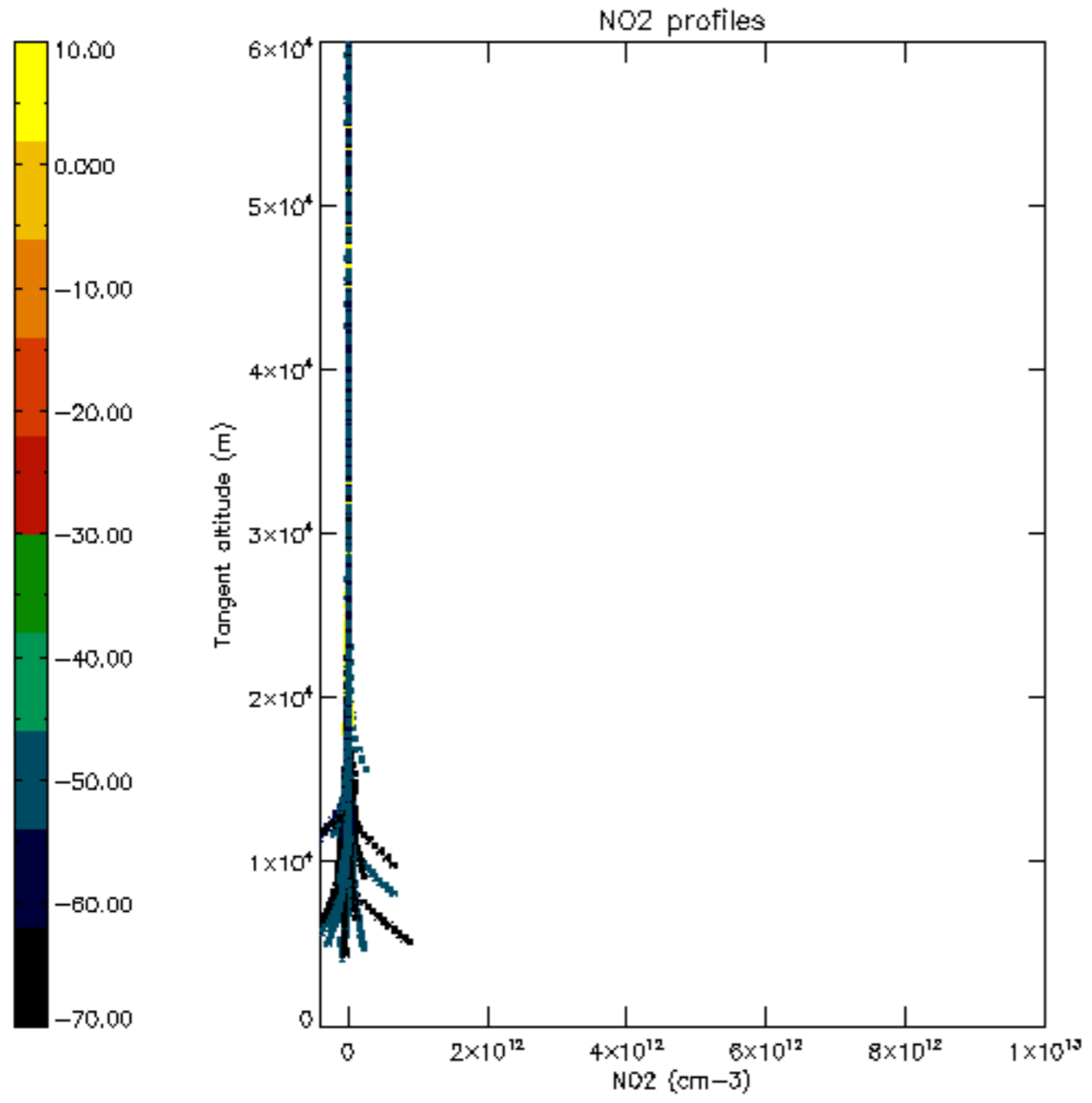


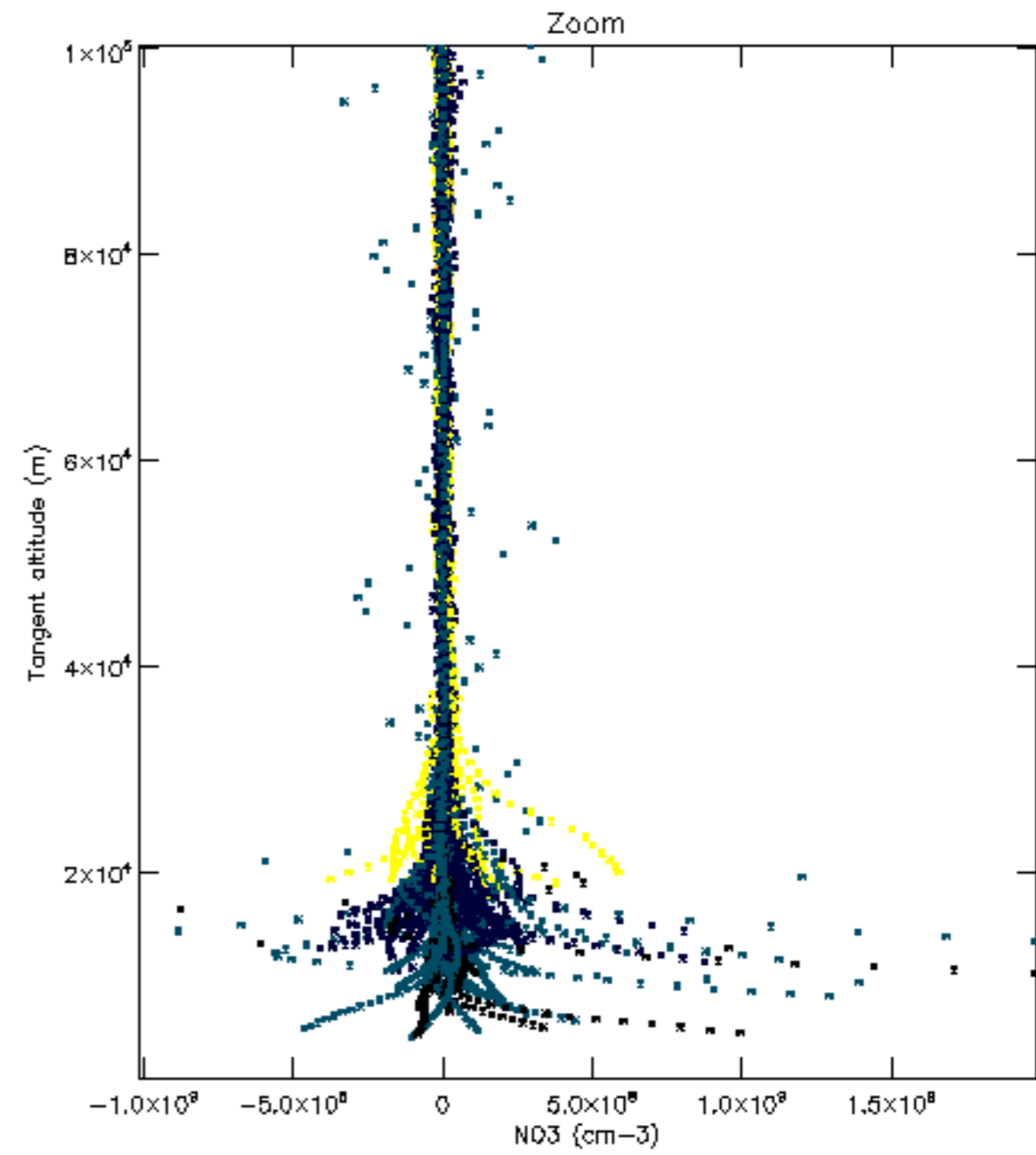
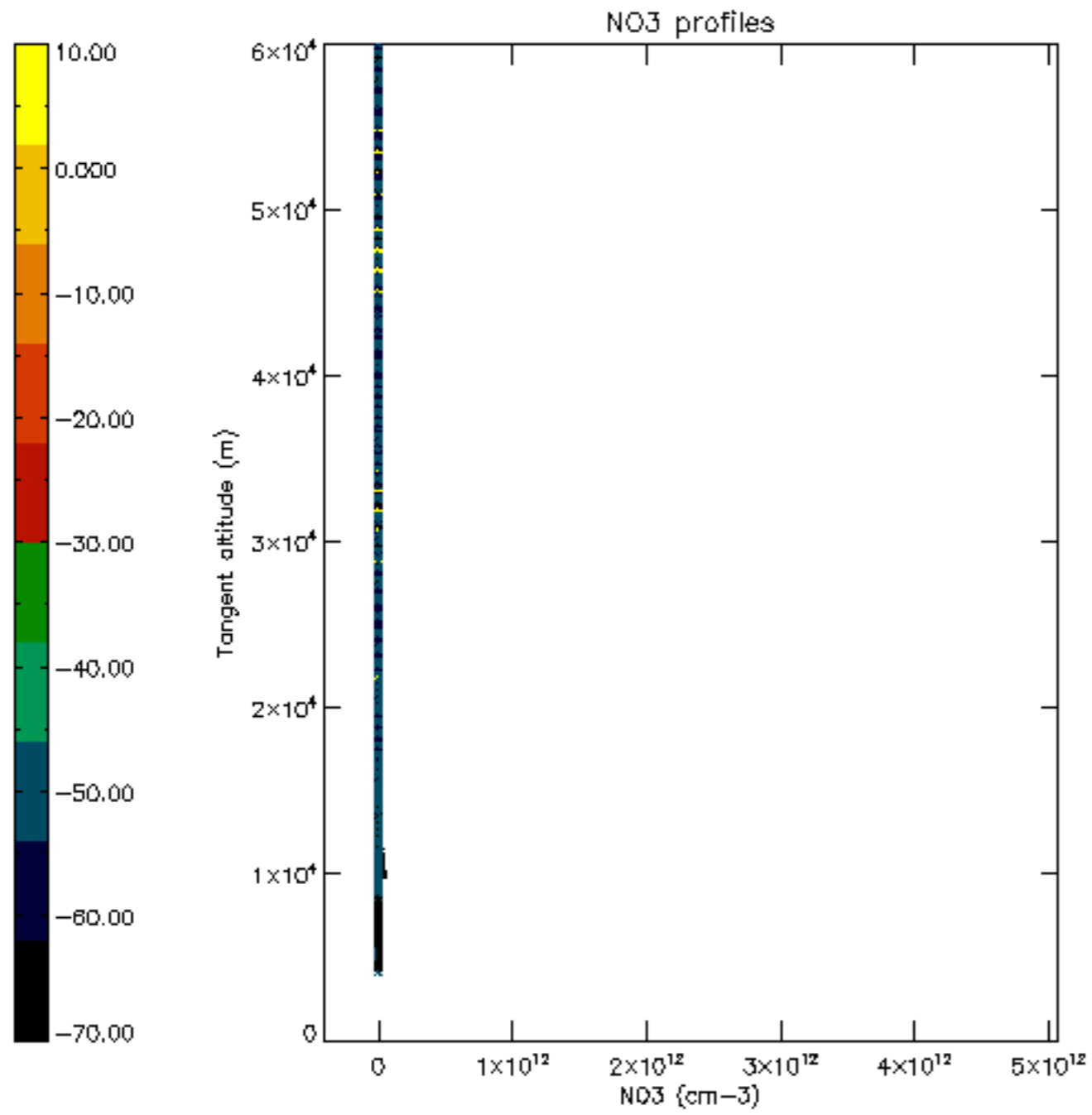


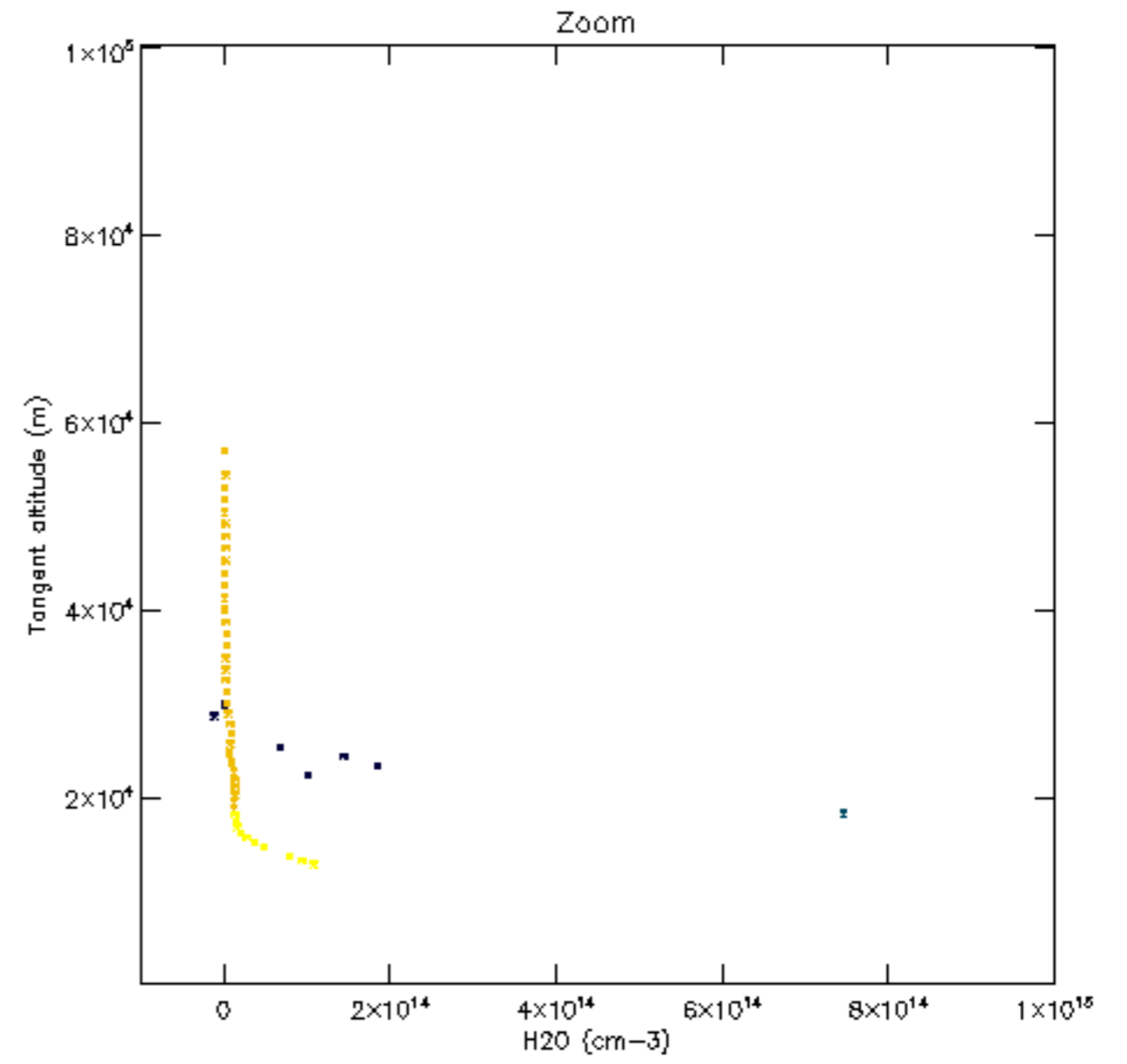
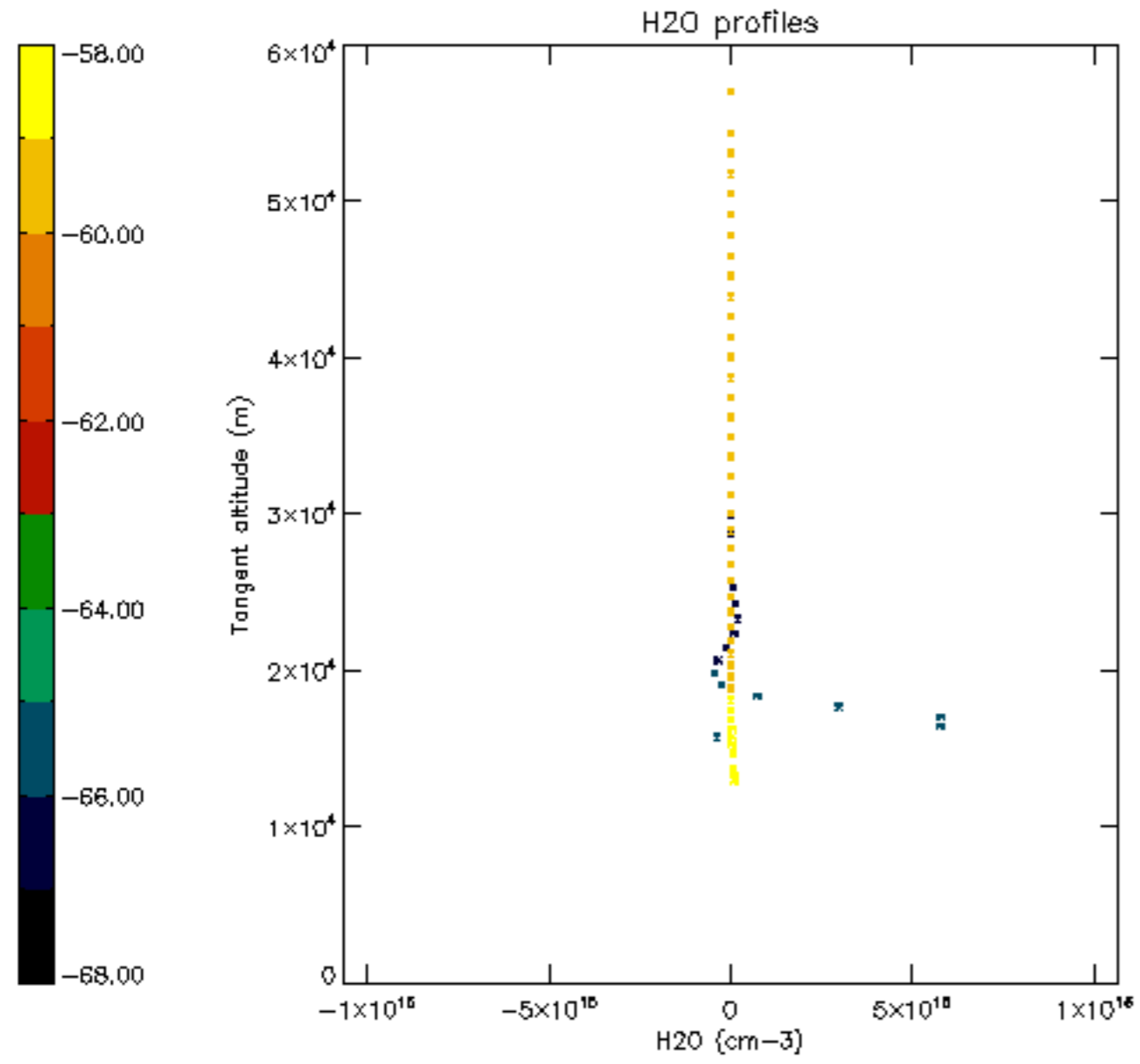


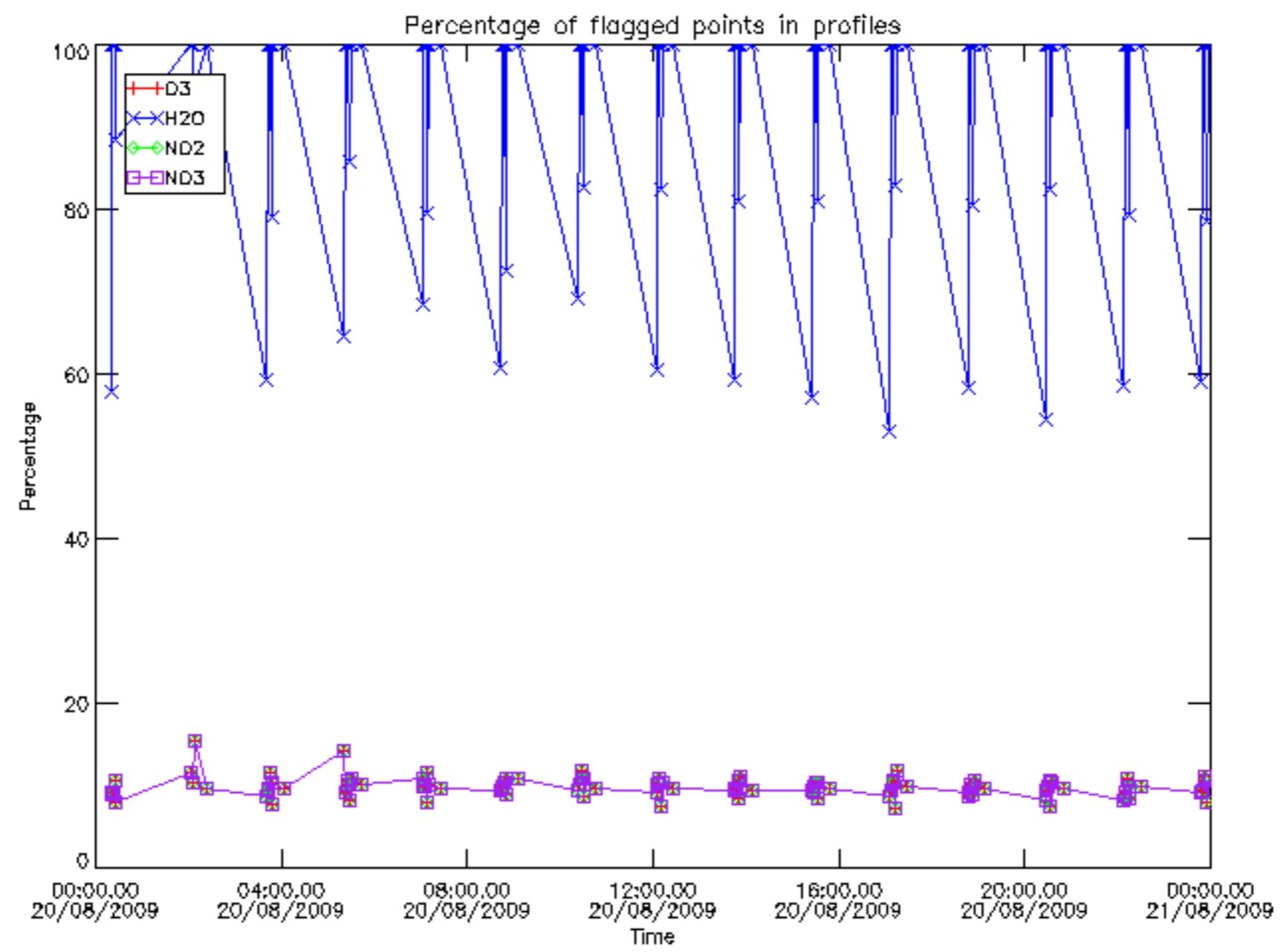




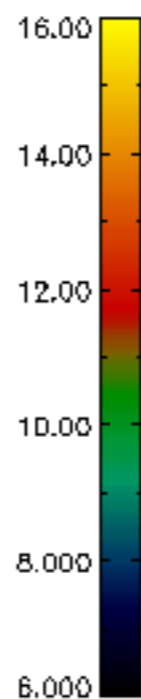
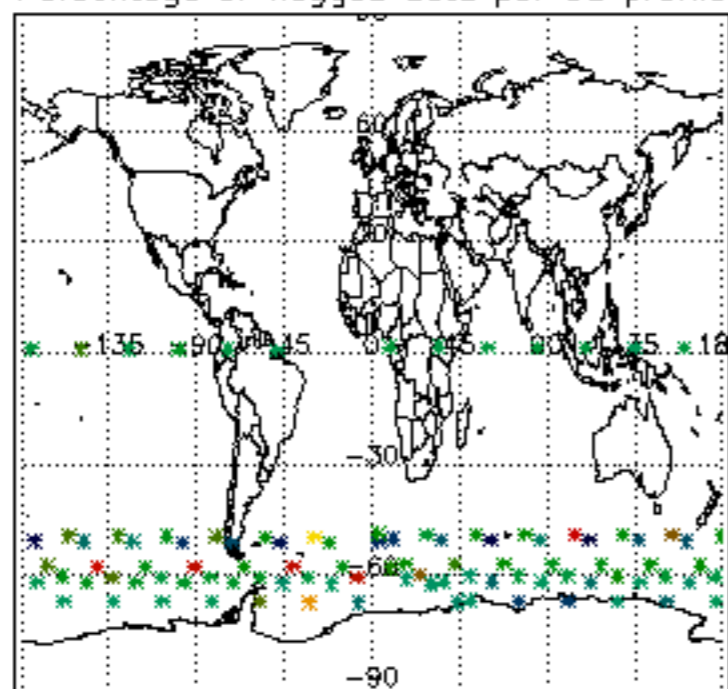




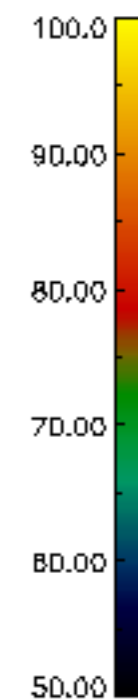
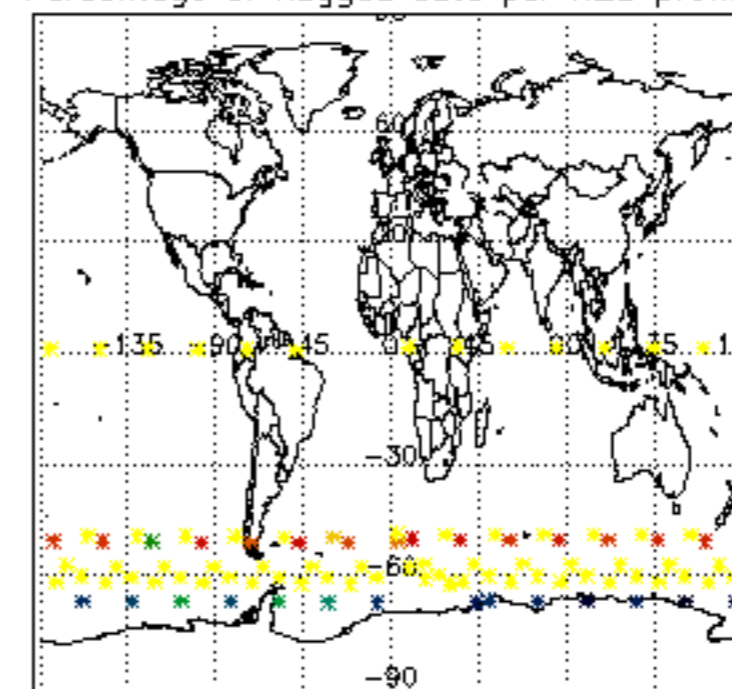




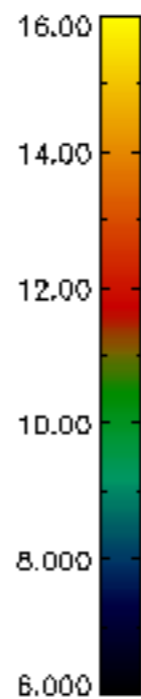
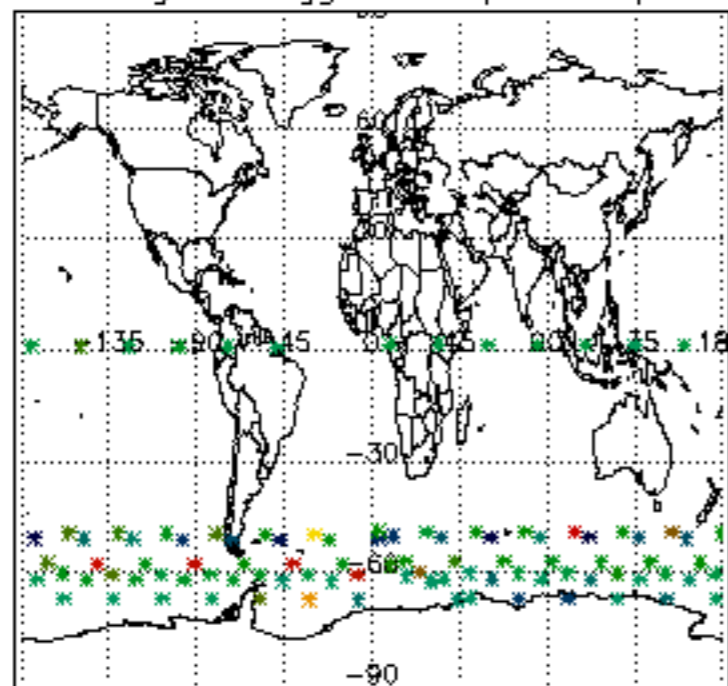
Percentage of flagged data per D3 profile



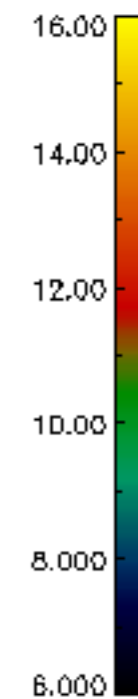
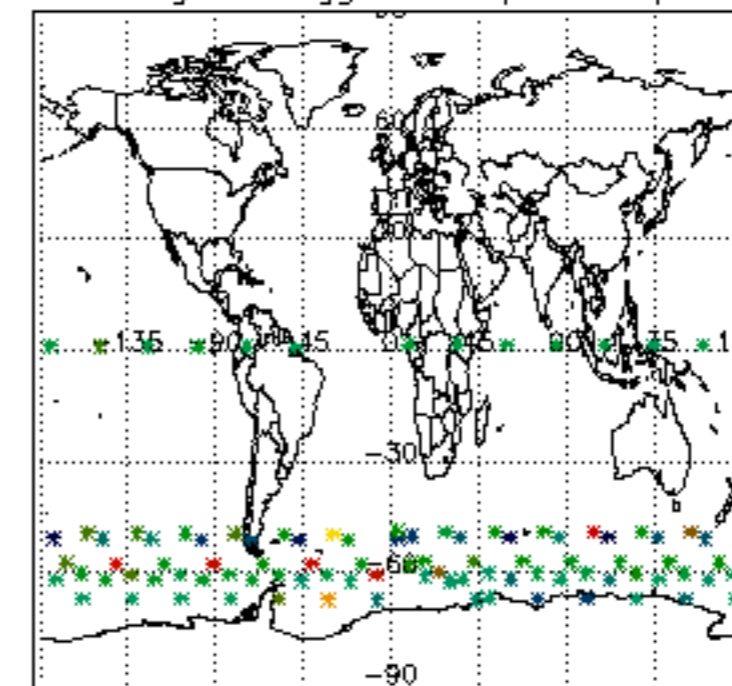
Percentage of flagged data per H2O profile

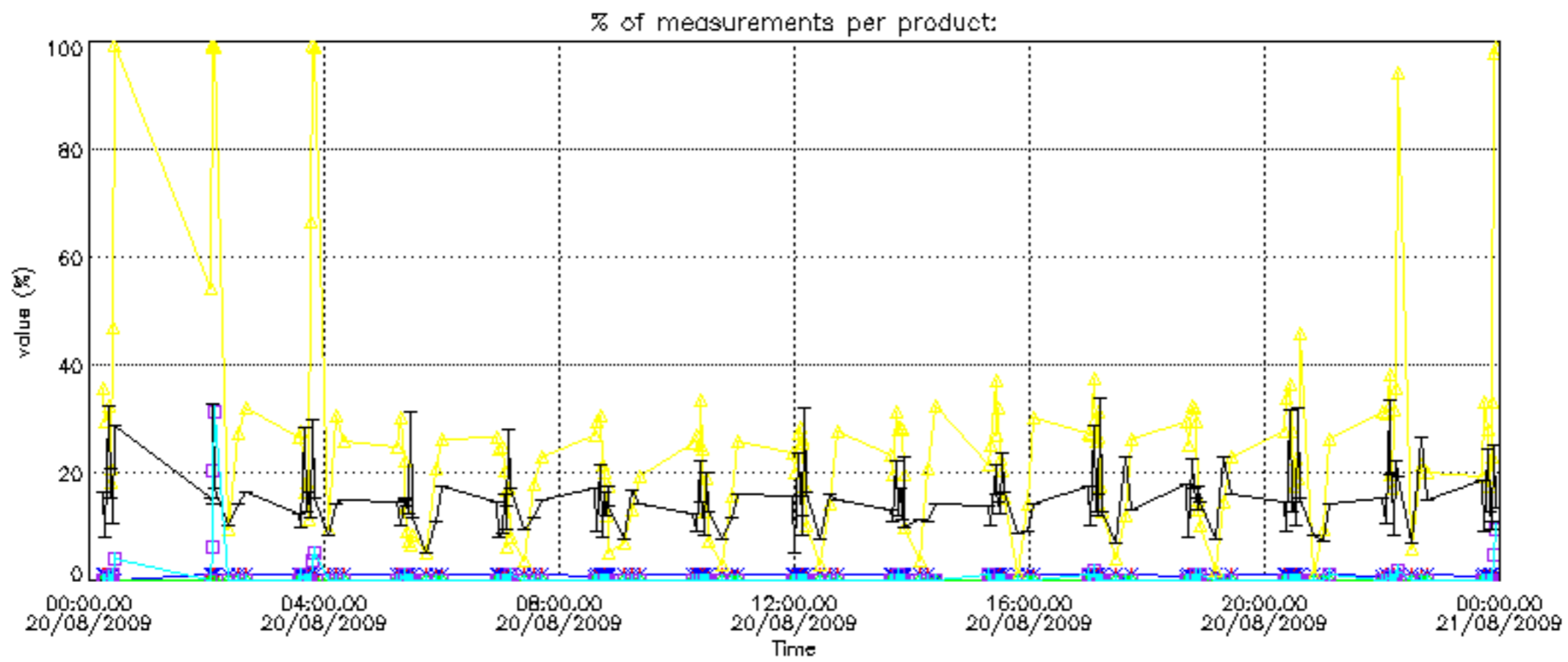
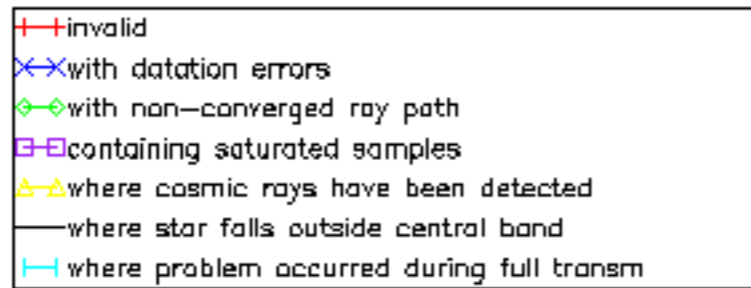


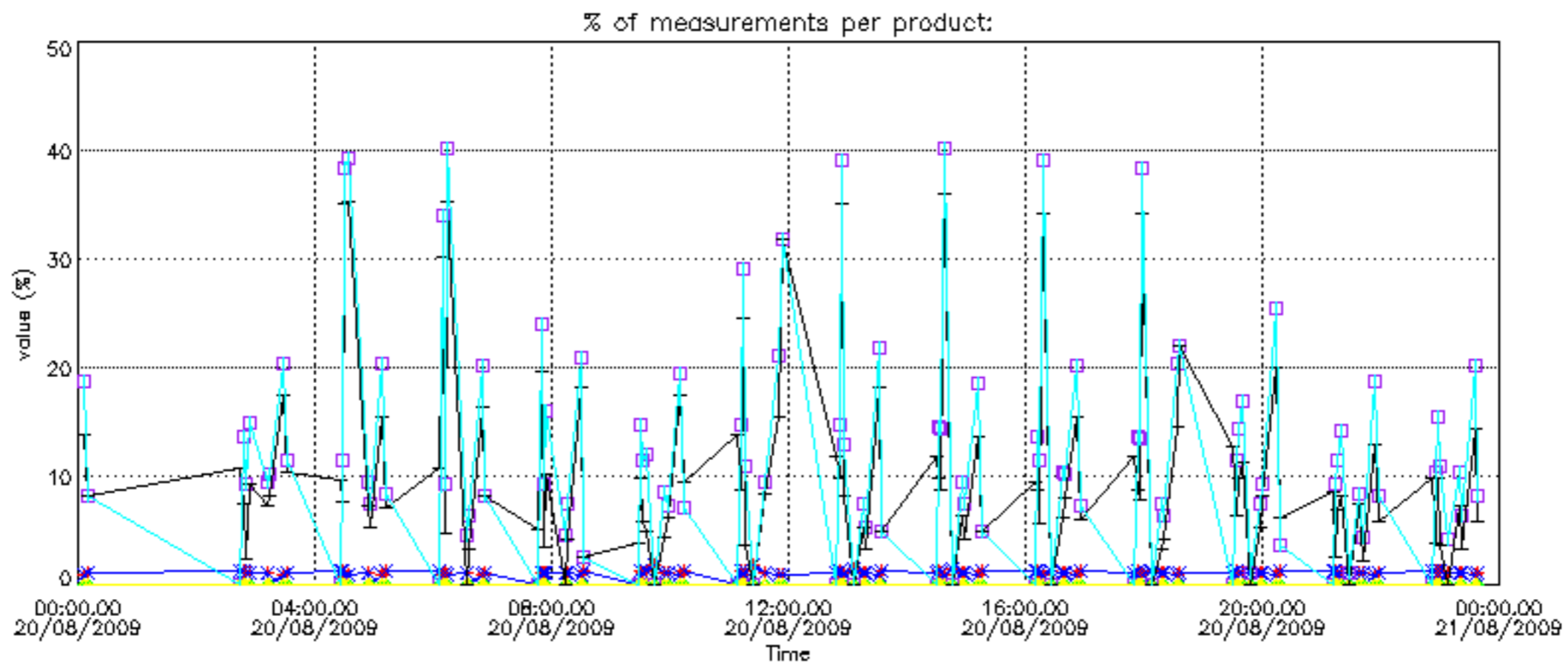
Percentage of flagged data per NO2 profile



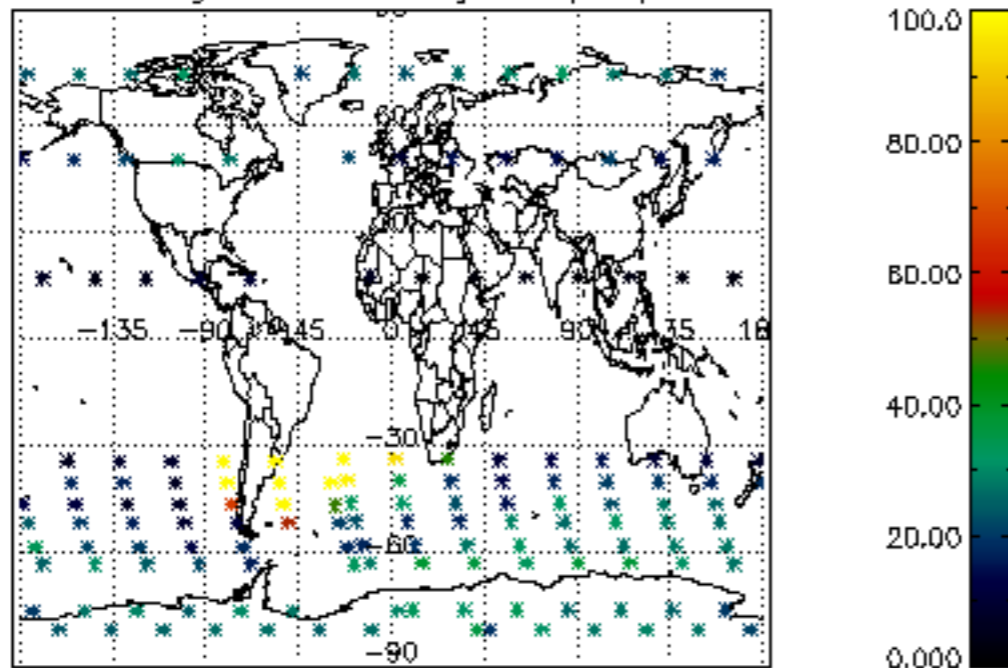
Percentage of flagged data per NO3 profile



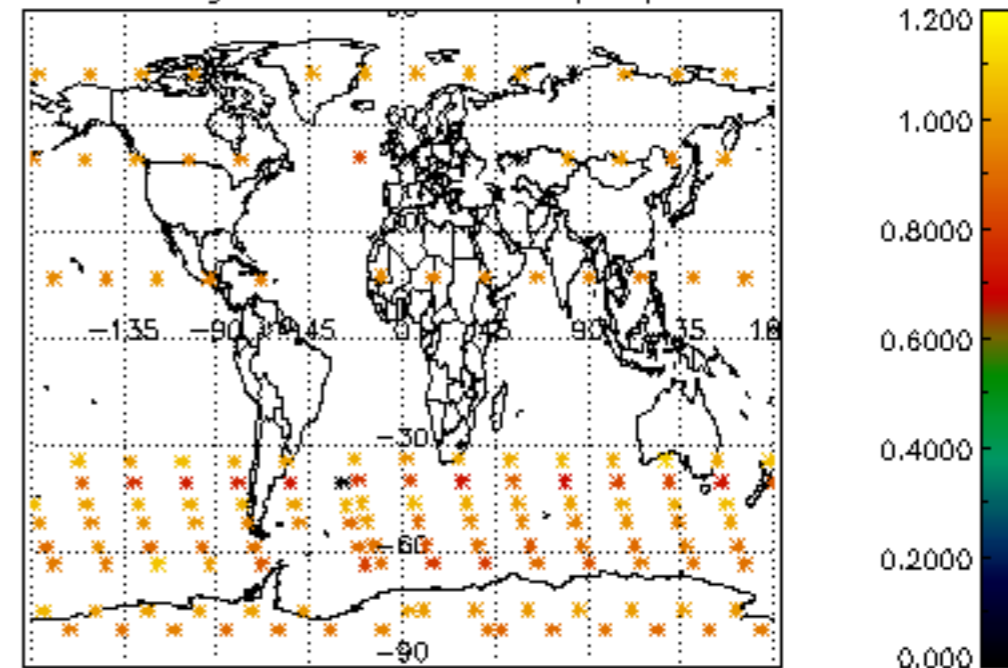




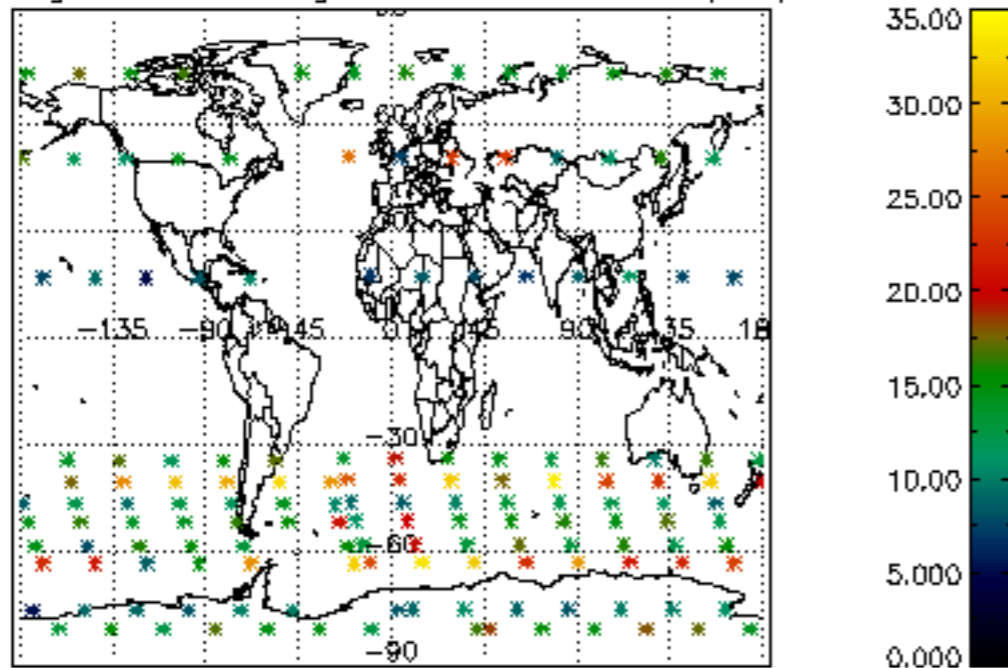
Percentage of cosmic ray hits per profile



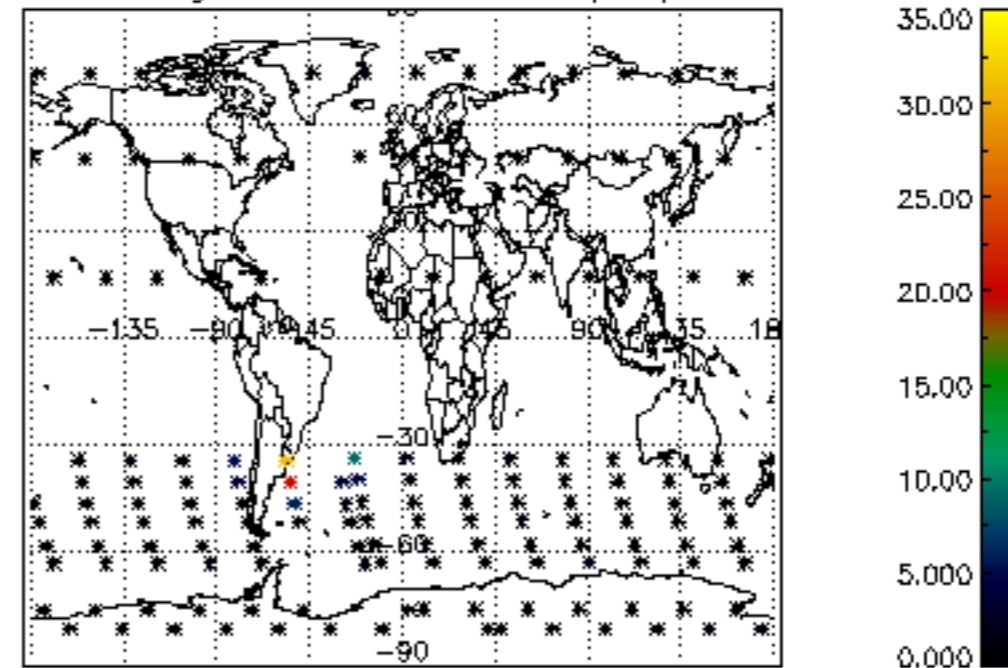
Percentage of datation errors per profile



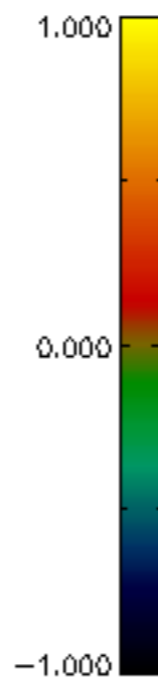
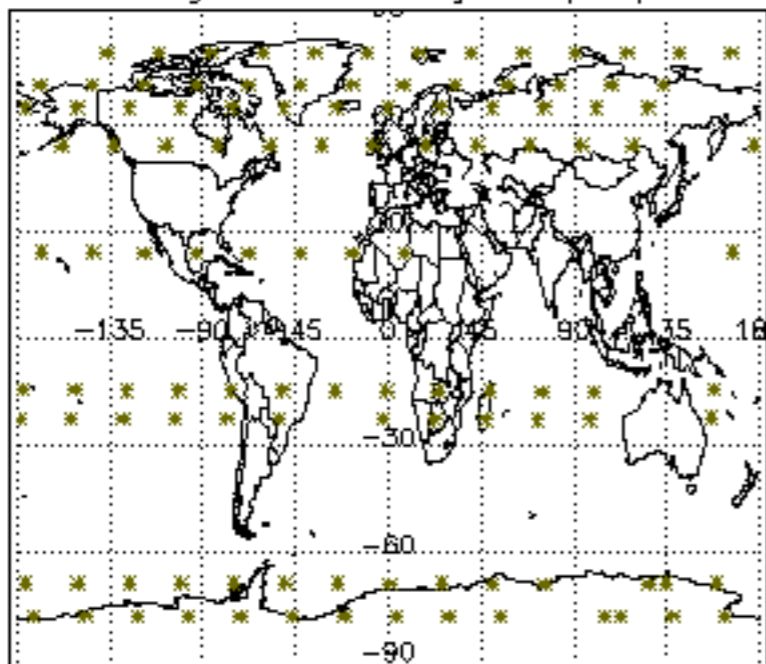
Percentage of star falling outside central band per profile



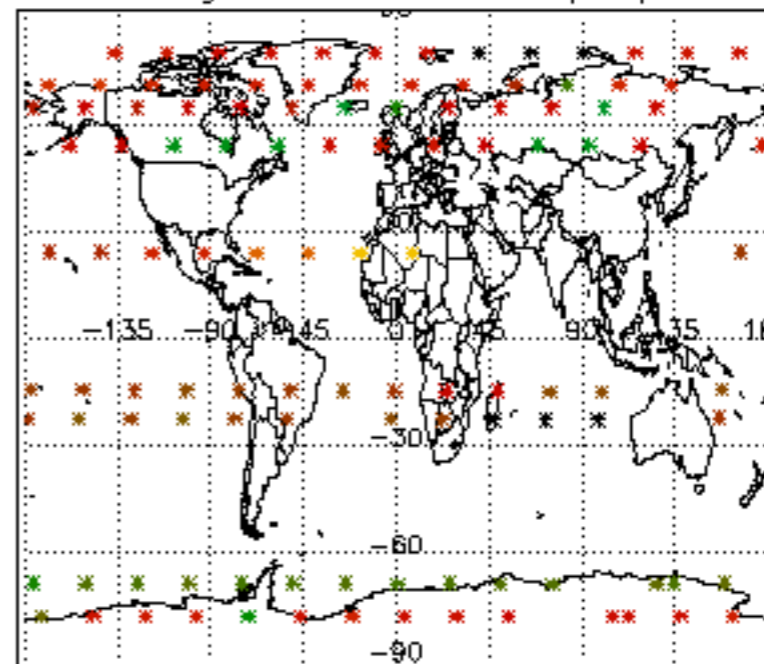
Percentage of saturation errors per profile



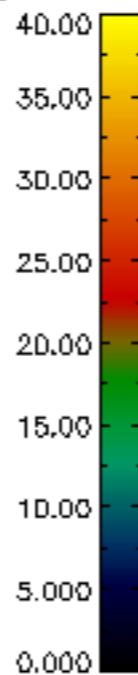
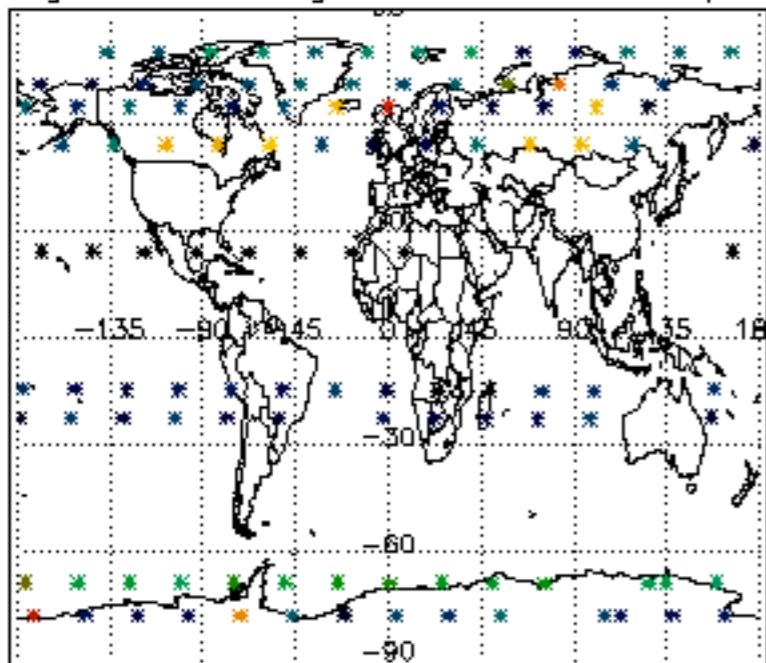
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

