

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 11:10:43
Data source version	GOMOS/6.01
Start time of products	27-07-2009 (27JUL2009 00:00:00)
Stop time of products	28-07-2009 (28JUL2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	227
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__2PRFIN20090727_000009_00000582081_00088_38719_3521.N1	27-JUL-2009 00:00:09	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	38719	No
2	GOM_NL__2PRFIN20090727_000615_00000452081_00088_38719_3522.N1	27-JUL-2009 00:06:15	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	38719	No
3	GOM_NL__2PRFIN20090727_000926_00000472081_00088_38719_3523.N1	27-JUL-2009 00:09:26	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	38719	No
4	GOM_NL__2PRFIN20090727_002602_00000392081_00088_38719_3524.N1	27-JUL-2009 00:26:02	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	38719	No
5	GOM_NL__2PRFIN20090727_003518_00000482081_00088_38719_3525.N1	27-JUL-2009 00:35:18	Bright	47.500	92	53Eps Cyg	2.5000	4500.0	95	38719	No
6	GOM_NL__2PRFIN20090727_003819_00000442081_00088_38719_3526.N1	27-JUL-2009 00:38:19	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	38719	No
7	GOM_NL__2PRFIN20090727_004339_00000432081_00088_38719_3527.N1	27-JUL-2009 00:43:39	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38719	No
8	GOM_NL__2PRFIN20090727_005031_00000522081_00088_38719_3528.N1	27-JUL-2009 00:50:31	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	38719	No
9	GOM_NL__2PRFIN20090727_005220_00000502081_00088_38719_3529.N1	27-JUL-2009 00:52:20	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	38719	No
10	GOM_NL__2PRFIN20090727_005818_00000602081_00088_38719_3530.N1	27-JUL-2009 00:58:18	Bright	60.000	160	23Gam Per	2.9300	4700.0	120	38719	No
11	GOM_NL__2PRFIN20090727_005951_00000462081_00088_38719_3531.N1	27-JUL-2009 00:59:51	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	38719	No
12	GOM_NL__2PRFIN20090727_010301_00000542081_00088_38719_3532.N1	27-JUL-2009 01:03:01	Bright	54.000	79	26Bet Per	2.3100	13100.	108	38719	No
13	GOM_NL__2PRFIN20090727_010626_00000502081_00088_38719_3533.N1	27-JUL-2009 01:06:26	Tw_i_and_stray	50.000	150	44Zet Per	2.8900	28000.	100	38719	No
14	GOM_NL__2PRFIN20090727_010923_00000522081_00088_38719_3534.N1	27-JUL-2009 01:09:23	Dark	51.500	146	25Eta Tau	2.8730	15200.	103	38719	No
15	GOM_NL__2PRFIN20090727_011059_00000542081_00088_38719_3535.N1	27-JUL-2009 01:10:59	Dark	54.000	13	87Alp Tau	0.86700	3800.0	108	38719	No
16	GOM_NL__2PRFIN20090727_012121_00000522081_00088_38719_3536.N1	27-JUL-2009 01:21:21	Dark	51.500	165	34Gam Eri	2.9500	3200.0	103	38719	No
17	GOM_NL__2PRFIN20090727_013042_00000442081_00088_38719_3537.N1	27-JUL-2009 01:30:42	Dark	43.500	157	The1Eri	2.9060	9300.0	87	38719	No
18	GOM_NL__2PRFIN20090727_014046_00000652081_00089_38720_3545.N1	27-JUL-2009 01:40:46	Straylight	64.500	84	Alp Phe	2.3970	4500.0	129	38720	No
19	GOM_NL__2PRFIN20090727_014651_00000452081_00089_38720_3546.N1	27-JUL-2009 01:46:51	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	38720	No
20	GOM_NL__2PRFIN20090727_015003_00000482081_00089_38720_3547.N1	27-JUL-2009 01:50:03	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	38720	No
21	GOM_NL__2PRFIN20090727_020638_00000402081_00089_38720_3548.N1	27-JUL-2009 02:06:38	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	38720	No
22	GOM_NL__2PRFIN20090727_021553_00000482081_00089_38720_3549.N1	27-JUL-2009 02:15:53	Bright	47.500	92	53Eps Cyg	2.5000	4500.0	95	38720	No
23	GOM_NL__2PRFIN20090727_021855_00000452081_00089_38720_3550.N1	27-JUL-2009 02:18:55	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	38720	No
24	GOM_NL__2PRFIN20090727_022414_00000412081_00089_38720_3551.N1	27-JUL-2009 02:24:14	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	38720	No
25	GOM_NL__2PRFIN20090727_023107_00000502081_00089_38720_3552.N1	27-JUL-2009 02:31:07	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38720	No
26	GOM_NL__2PRFIN20090727_023255_00000582081_00089_38720_3553.N1	27-JUL-2009 02:32:55	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	38720	No
27	GOM_NL__2PRFIN20090727_023853_00000452081_00089_38720_3554.N1	27-JUL-2009 02:38:53	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	38720	No
28	GOM_NL__2PRFIN20090727_024027_00000472081_00089_38720_3555.N1	27-JUL-2009 02:40:27	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	38720	No
29	GOM_NL__2PRFIN20090727_024336_00000572081_00089_38720_3556.N1	27-JUL-2009 02:43:36	Bright	56.500	79	26Bet Per	2.3100	13100.	113	38720	No
30	GOM_NL__2PRFIN20090727_024702_00000532081_00089_38720_3557.N1	27-JUL-2009 02:47:02	Tw_i_and_stray	53.000	150	44Zet Per	2.8900	28000.	106	38720	No
31	GOM_NL__2PRFIN20090727_025000_00000522081_00089_38720_3558.N1	27-JUL-2009 02:50:00	Dark	51.500	146	25Eta Tau	2.8730	15200.	103	38720	No
32	GOM_NL__2PRFIN20090727_025135_00000602081_00089_38720_3559.N1	27-JUL-2009 02:51:35	Dark	60.000	13	87Alp Tau	0.86700	3800.0	120	38720	No
33	GOM_NL__2PRFIN20090727_030157_00000532081_00089_38720_3560.N1	27-JUL-2009 03:01:57	Dark	52.500	165	34Gam Eri	2.9500	3200.0	105	38720	No
34	GOM_NL__2PRFIN20090727_031119_00000442081_00089_38720_3561.N1	27-JUL-2009 03:11:19	Dark	43.500	157	The1Eri	2.9060	9300.0	87	38720	No
35	GOM_NL__2PRFIN20090727_032123_00000602081_00090_38721_3559.N1	27-JUL-2009 03:21:23	Straylight	59.500	84	Alp Phe	2.3970	4500.0	119	38721	No
36	GOM_NL__2PRFIN20090727_032728_00000462081_00090_38721_3560.N1	27-JUL-2009 03:27:28	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	38721	No
37	GOM_NL__2PRFIN20090727_033039_00000482081_00090_38721_3561.N1	27-JUL-2009 03:30:39	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	38721	No
38	GOM_NL__2PRFIN20090727_034714_00000422081_00090_38721_3562.N1	27-JUL-2009 03:47:14	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	38721	No
39	GOM_NL__2PRFIN20090727_035628_00000482081_00090_38721_3563.N1	27-JUL-2009 03:56:28	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	38721	No
40	GOM_NL__2PRFIN20090727_035930_00000442081_00090_38721_3564.N1	27-JUL-2009 03:59:30	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	38721	No
41	GOM_NL__2PRFIN20090727_040450_00000402081_00090_38721_3565.N1	27-JUL-2009 04:04:50	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38721	No
42	GOM_NL__2PRFIN20090727_041142_00000502081_00090_38721_3566.N1	27-JUL-2009 04:11:42	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38721	No

43	GOM_NL__2PRFIN20090727_041330_000000712081_00090_38721_3567.N1	27-JUL-2009 04:13:30	Bright	71.000	76	27Gam Cas	2.3000	30000.	142	38721	No
44	GOM_NL__2PRFIN20090727_041929_000000452081_00090_38721_3568.N1	27-JUL-2009 04:19:29	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	38721	No
45	GOM_NL__2PRFIN20090727_042103_000000482081_00090_38721_3569.N1	27-JUL-2009 04:21:03	Bright	48.000	35	33Alp Per	1.7950	6250.0	96	38721	No
46	GOM_NL__2PRFIN20090727_042412_000000552081_00090_38721_3570.N1	27-JUL-2009 04:24:12	Bright	54.500	79	26Bet Per	2.3100	13100.	109	38721	No
47	GOM_NL__2PRFIN20090727_042738_000000502081_00090_38721_3571.N1	27-JUL-2009 04:27:38	Tw_i_and_stray	50.000	150	44Zet Per	2.8900	28000.	100	38721	No
48	GOM_NL__2PRFIN20090727_043036_000000522081_00090_38721_3572.N1	27-JUL-2009 04:30:36	Dark	51.500	146	25Eta Tau	2.8730	15200.	103	38721	No
49	GOM_NL__2PRFIN20090727_043211_000000602081_00090_38721_3573.N1	27-JUL-2009 04:32:11	Dark	60.000	13	87Alp Tau	0.86700	3800.0	120	38721	No
50	GOM_NL__2PRFIN20090727_044234_000000502081_00090_38721_3574.N1	27-JUL-2009 04:42:34	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	38721	No
51	GOM_NL__2PRFIN20090727_045155_000000452081_00090_38721_3575.N1	27-JUL-2009 04:51:55	Dark	44.500	157	The1Eri	2.9060	9300.0	89	38721	No
52	GOM_NL__2PRFIN20090727_050200_000000572081_00091_38722_3573.N1	27-JUL-2009 05:02:00	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	38722	No
53	GOM_NL__2PRFIN20090727_050804_000000472081_00091_38722_3574.N1	27-JUL-2009 05:08:04	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	38722	No
54	GOM_NL__2PRFIN20090727_051116_000000472081_00091_38722_3575.N1	27-JUL-2009 05:11:16	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	38722	No
55	GOM_NL__2PRFIN20090727_052749_000000572081_00091_38722_3576.N1	27-JUL-2009 05:27:49	Bright	57.000	11	53Alp Aql	0.76500	8000.0	114	38722	No
56	GOM_NL__2PRFIN20090727_053704_000000472081_00091_38722_3577.N1	27-JUL-2009 05:37:04	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	38722	No
57	GOM_NL__2PRFIN20090727_054005_000000442081_00091_38722_3578.N1	27-JUL-2009 05:40:05	Bright	44.000	19	50Alp Cyg	1.2460	10500.	88	38722	No
58	GOM_NL__2PRFIN20090727_054525_000000412081_00091_38722_3579.N1	27-JUL-2009 05:45:25	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	38722	No
59	GOM_NL__2PRFIN20090727_055217_000000502081_00091_38722_3580.N1	27-JUL-2009 05:52:17	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38722	No
60	GOM_NL__2PRFIN20090727_055406_000000502081_00091_38722_3581.N1	27-JUL-2009 05:54:06	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	38722	No
61	GOM_NL__2PRFIN20090727_060005_000000662081_00091_38722_3582.N1	27-JUL-2009 06:00:05	Bright	66.000	160	23Gam Per	2.9300	4700.0	132	38722	No
62	GOM_NL__2PRFIN20090727_060138_000000472081_00091_38722_3583.N1	27-JUL-2009 06:01:38	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	38722	No
63	GOM_NL__2PRFIN20090727_060448_000000552081_00091_38722_3584.N1	27-JUL-2009 06:04:48	Bright	55.000	79	26Bet Per	2.3100	13100.	110	38722	No
64	GOM_NL__2PRFIN20090727_060815_000000532081_00091_38722_3585.N1	27-JUL-2009 06:08:15	Tw_i_and_stray	52.500	150	44Zet Per	2.8900	28000.	105	38722	No
65	GOM_NL__2PRFIN20090727_061112_000000532081_00091_38722_3586.N1	27-JUL-2009 06:11:12	Dark	53.000	146	25Eta Tau	2.8730	15200.	106	38722	No
66	GOM_NL__2PRFIN20090727_061248_000000542081_00091_38722_3587.N1	27-JUL-2009 06:12:48	Dark	54.000	13	87Alp Tau	0.86700	3800.0	108	38722	No
67	GOM_NL__2PRFIN20090727_062311_000000512081_00091_38722_3588.N1	27-JUL-2009 06:23:11	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	38722	No
68	GOM_NL__2PRFIN20090727_063232_000000462081_00091_38722_3589.N1	27-JUL-2009 06:32:32	Dark	45.500	157	The1Eri	2.9060	9300.0	91	38722	No
69	GOM_NL__2PRFIN20090727_064237_000000552081_00092_38723_3587.N1	27-JUL-2009 06:42:37	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38723	No
70	GOM_NL__2PRFIN20090727_064841_000000452081_00092_38723_3588.N1	27-JUL-2009 06:48:41	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	38723	No
71	GOM_NL__2PRFIN20090727_065152_000000462081_00092_38723_3589.N1	27-JUL-2009 06:51:52	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	38723	No
72	GOM_NL__2PRFIN20090727_070825_000000422081_00092_38723_3590.N1	27-JUL-2009 07:08:25	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	38723	No
73	GOM_NL__2PRFIN20090727_071739_000000482081_00092_38723_3591.N1	27-JUL-2009 07:17:39	Bright	47.500	92	53Eps Cyg	2.5000	4500.0	95	38723	No
74	GOM_NL__2PRFIN20090727_072041_000000452081_00092_38723_3592.N1	27-JUL-2009 07:20:41	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	38723	No
75	GOM_NL__2PRFIN20090727_072601_000000412081_00092_38723_3593.N1	27-JUL-2009 07:26:01	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38723	No
76	GOM_NL__2PRFIN20090727_073252_000000502081_00092_38723_3594.N1	27-JUL-2009 07:32:52	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38723	No
77	GOM_NL__2PRFIN20090727_073441_000000482081_00092_38723_3595.N1	27-JUL-2009 07:34:41	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38723	No
78	GOM_NL__2PRFIN20090727_074040_000000592081_00092_38723_3596.N1	27-JUL-2009 07:40:40	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	38723	No
79	GOM_NL__2PRFIN20090727_074214_000000482081_00092_38723_3597.N1	27-JUL-2009 07:42:14	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	38723	No
80	GOM_NL__2PRFIN20090727_074524_000000572081_00092_38723_3598.N1	27-JUL-2009 07:45:24	Bright	57.000	79	26Bet Per	2.3100	13100.	114	38723	No
81	GOM_NL__2PRFIN20090727_074851_000000502081_00092_38723_3599.N1	27-JUL-2009 07:48:51	Tw_i_and_stray	50.000	150	44Zet Per	2.8900	28000.	100	38723	No
82	GOM_NL__2PRFIN20090727_075149_000000492081_00092_38723_3600.N1	27-JUL-2009 07:51:49	Dark	49.000	146	25Eta Tau	2.8730	15200.	98	38723	No
83	GOM_NL__2PRFIN20090727_075324_000000532081_00092_38723_3601.N1	27-JUL-2009 07:53:24	Dark	52.500	13	87Alp Tau	0.86700	3800.0	105	38723	No
84	GOM_NL__2PRFIN20090727_080348_000000532081_00092_38723_3602.N1	27-JUL-2009 08:03:48	Dark	52.500	165	34Gam Eri	2.9500	3200.0	105	38723	No
85	GOM_NL__2PRFIN20090727_081309_000000442081_00092_38723_3603.N1	27-JUL-2009 08:13:09	Dark	44.000	157	The1Eri	2.9060	9300.0	88	38723	No
86	GOM_NL__2PRFIN20090727_082315_000000542081_00093_38724_3601.N1	27-JUL-2009 08:23:15	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38724	No
87	GOM_NL__2PRFIN20090727_082918_000000462081_00093_38724_3602.N1	27-JUL-2009 08:29:18	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	38724	No
88	GOM_NL__2PRFIN20090727_083229_000000462081_00093_38724_3603.N1	27-JUL-2009 08:32:29	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	38724	No
89	GOM_NL__2PRFIN20090727_084901_000000392081_00093_38724_3604.N1	27-JUL-2009 08:49:01	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	38724	No
90	GOM_NL__2PRFIN20090727_085814_000000472081_00093_38724_3605.N1	27-JUL-2009 08:58:14	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	38724	No
91	GOM_NL__2PRFIN20090727_090116_000000452081_00093_38724_3606.N1	27-JUL-2009 09:01:16	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	38724	No
92	GOM_NL__2PRFIN20090727_090636_000000392081_00093_38724_3607.N1	27-JUL-2009 09:06:36	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38724	No
93	GOM_NL__2PRFIN20090727_091327_000000522081_00093_38724_3608.N1	27-JUL-2009 09:13:27	Bright	52.000	74	11Bet Cas	2.2680	6600.0	104	38724	No
94	GOM_NL__2PRFIN20090727_091516_000000552081_00093_38724_3609.N1	27-JUL-2009 09:15:16	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	38724	No
95	GOM_NL__2PRFIN20090727_092116_000000462081_00093_38724_3610.N1	27-JUL-2009 09:21:16	Bright	45.500	160	23Gam Per	2.9300	4700.0	91	38724	No
96	GOM_NL__2PRFIN20090727_092250_000000502081_00093_38724_3611.N1	27-JUL-2009 09:22:50	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	38724	No
97	GOM_NL__2PRFIN20090727_092600_000000552081_00093_38724_3612.N1	27-JUL-2009 09:26:00	Bright	54.500	79	26Bet Per	2.3100	13100.	109	38724	No
98	GOM_NL__2PRFIN20090727_092927_000000522081_00093_38724_3613.N1	27-JUL-2009 09:29:27	Tw_i_and_stray	52.000	150	44Zet Per	2.8900	28000.	104	38724	No
99	GOM_NL__2PRFIN20090727_093225_000000542081_00093_38724_3614.N1	27-JUL-2009 09:32:25	Dark	54.000	146	25Eta Tau	2.8730	15200.	108	38724	No
100	GOM_NL__2PRFIN20090727_093400_000000602081_00093_38724_3615.N1	27-JUL-2009 09:34:00	Dark	60.000	13	87Alp Tau	0.86700	3800.0	120	38724	No
101	GOM_NL__2PRFIN20090727_094424_000000522081_00093_38724_3616.N1	27-JUL-2009 09:44:24	Dark	51.500	165	34Gam Eri	2.9500	3200.0	103	38724	No

102	GOM_NL__2PRFIN20090727_095346_000000442081_00093_38724_3617.N1	27-JUL-2009 09:53:46	Dark	44.000	157	The1Eri	2.9060	9300.0	88	38724	No
103	GOM_NL__2PRFIN20090727_100352_000000552081_00094_38725_3615.N1	27-JUL-2009 10:03:52	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38725	No
104	GOM_NL__2PRFIN20090727_100954_000000452081_00094_38725_3616.N1	27-JUL-2009 10:09:54	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	38725	No
105	GOM_NL__2PRFIN20090727_101305_000000482081_00094_38725_3617.N1	27-JUL-2009 10:13:05	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	38725	No
106	GOM_NL__2PRFIN20090727_102937_000000412081_00094_38725_3618.N1	27-JUL-2009 10:29:37	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	38725	No
107	GOM_NL__2PRFIN20090727_103850_000000462081_00094_38725_3619.N1	27-JUL-2009 10:38:50	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	38725	No
108	GOM_NL__2PRFIN20090727_104152_000000462081_00094_38725_3620.N1	27-JUL-2009 10:41:52	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	38725	No
109	GOM_NL__2PRFIN20090727_104712_000000422081_00094_38725_3621.N1	27-JUL-2009 10:47:12	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38725	No
110	GOM_NL__2PRFIN20090727_105402_000000502081_00094_38725_3622.N1	27-JUL-2009 10:54:02	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38725	No
111	GOM_NL__2PRFIN20090727_105551_000000502081_00094_38725_3623.N1	27-JUL-2009 10:55:51	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	38725	No
112	GOM_NL__2PRFIN20090727_110152_000000462081_00094_38725_3624.N1	27-JUL-2009 11:01:52	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	38725	No
113	GOM_NL__2PRFIN20090727_110325_000000462081_00094_38725_3625.N1	27-JUL-2009 11:03:25	Bright	46.000	35	33Alp Per	1.7950	6250.0	92	38725	No
114	GOM_NL__2PRFIN20090727_110635_000000562081_00094_38725_3626.N1	27-JUL-2009 11:06:35	Bright	56.000	79	26Bet Per	2.3100	13100.	112	38725	No
115	GOM_NL__2PRFIN20090727_111003_000000502081_00094_38725_3627.N1	27-JUL-2009 11:10:03	Tw_i_and_stray	50.000	150	44Zet Per	2.8900	28000.	100	38725	No
116	GOM_NL__2PRFIN20090727_111301_000000542081_00094_38725_3628.N1	27-JUL-2009 11:13:01	Dark	53.500	146	25Eta Tau	2.8730	15200.	107	38725	No
117	GOM_NL__2PRFIN20090727_111436_000000532081_00094_38725_3629.N1	27-JUL-2009 11:14:36	Dark	53.000	13	87Alp Tau	0.86700	3800.0	106	38725	No
118	GOM_NL__2PRFIN20090727_112501_000000522081_00094_38725_3630.N1	27-JUL-2009 11:25:01	Dark	52.000	165	34Gam Eri	2.9500	3200.0	104	38725	No
119	GOM_NL__2PRFIN20090727_113423_000000442081_00094_38725_3631.N1	27-JUL-2009 11:34:23	Dark	43.500	157	The1Eri	2.9060	9300.0	87	38725	No
120	GOM_NL__2PRFIN20090727_114429_000000552081_00095_38726_3629.N1	27-JUL-2009 11:44:29	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38726	No
121	GOM_NL__2PRFIN20090727_115030_000000472081_00095_38726_3630.N1	27-JUL-2009 11:50:30	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	38726	No
122	GOM_NL__2PRFIN20090727_115342_000000472081_00095_38726_3631.N1	27-JUL-2009 11:53:42	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	38726	No
123	GOM_NL__2PRFIN20090727_121013_000000382081_00095_38726_3632.N1	27-JUL-2009 12:10:13	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	38726	No
124	GOM_NL__2PRFIN20090727_121925_000000452081_00095_38726_3633.N1	27-JUL-2009 12:19:25	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	38726	No
125	GOM_NL__2PRFIN20090727_122227_000000632081_00095_38726_3634.N1	27-JUL-2009 12:22:27	Bright	63.000	19	50Alp Cyg	1.2460	10500.	126	38726	No
126	GOM_NL__2PRFIN20090727_122747_000000422081_00095_38726_3635.N1	27-JUL-2009 12:27:47	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38726	No
127	GOM_NL__2PRFIN20090727_123437_000000522081_00095_38726_3636.N1	27-JUL-2009 12:34:37	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	38726	No
128	GOM_NL__2PRFIN20090727_123627_000000482081_00095_38726_3637.N1	27-JUL-2009 12:36:27	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38726	No
129	GOM_NL__2PRFIN20090727_124227_000000462081_00095_38726_3638.N1	27-JUL-2009 12:42:27	Bright	45.500	160	23Gam Per	2.9300	4700.0	91	38726	No
130	GOM_NL__2PRFIN20090727_124401_000000462081_00095_38726_3639.N1	27-JUL-2009 12:44:01	Bright	46.000	35	33Alp Per	1.7950	6250.0	92	38726	No
131	GOM_NL__2PRFIN20090727_124711_000000562081_00095_38726_3640.N1	27-JUL-2009 12:47:11	Bright	55.500	79	26Bet Per	2.3100	13100.	111	38726	No
132	GOM_NL__2PRFIN20090727_125039_000000522081_00095_38726_3641.N1	27-JUL-2009 12:50:39	Tw_i_and_stray	52.000	150	44Zet Per	2.8900	28000.	104	38726	No
133	GOM_NL__2PRFIN20090727_125337_000000542081_00095_38726_3642.N1	27-JUL-2009 12:53:37	Dark	53.500	146	25Eta Tau	2.8730	15200.	107	38726	No
134	GOM_NL__2PRFIN20090727_125513_000000512081_00095_38726_3643.N1	27-JUL-2009 12:55:13	Dark	51.000	13	87Alp Tau	0.86700	3800.0	102	38726	No
135	GOM_NL__2PRFIN20090727_130538_000000512081_00095_38726_3644.N1	27-JUL-2009 13:05:38	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	38726	No
136	GOM_NL__2PRFIN20090727_131500_000000452081_00095_38726_3645.N1	27-JUL-2009 13:15:00	Dark	45.000	157	The1Eri	2.9060	9300.0	90	38726	No
137	GOM_NL__2PRFIN20090727_132506_000000552081_00096_38727_3643.N1	27-JUL-2009 13:25:06	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38727	No
138	GOM_NL__2PRFIN20090727_133107_000000462081_00096_38727_3644.N1	27-JUL-2009 13:31:07	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	38727	No
139	GOM_NL__2PRFIN20090727_133418_000000472081_00096_38727_3645.N1	27-JUL-2009 13:34:18	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	38727	No
140	GOM_NL__2PRFIN20090727_153124_000000392081_00097_38728_3657.N1	27-JUL-2009 15:31:24	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	38728	No
141	GOM_NL__2PRFIN20090727_154035_000000452081_00097_38728_3658.N1	27-JUL-2009 15:40:35	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	38728	No
142	GOM_NL__2PRFIN20090727_154337_000000412081_00097_38728_3659.N1	27-JUL-2009 15:43:37	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	38728	No
143	GOM_NL__2PRFIN20090727_154858_000000382081_00097_38728_3660.N1	27-JUL-2009 15:48:58	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	38728	No
144	GOM_NL__2PRFIN20090727_155548_000000522081_00097_38728_3661.N1	27-JUL-2009 15:55:48	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	38728	No
145	GOM_NL__2PRFIN20090727_155737_000000482081_00097_38728_3662.N1	27-JUL-2009 15:57:37	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38728	No
146	GOM_NL__2PRFIN20090727_160339_000000672081_00097_38728_3663.N1	27-JUL-2009 16:03:39	Bright	67.000	160	23Gam Per	2.9300	4700.0	134	38728	No
147	GOM_NL__2PRFIN20090727_160512_000000452081_00097_38728_3664.N1	27-JUL-2009 16:05:12	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	38728	No
148	GOM_NL__2PRFIN20090727_160823_000000572081_00097_38728_3665.N1	27-JUL-2009 16:08:23	Bright	56.500	79	26Bet Per	2.3100	13100.	113	38728	No
149	GOM_NL__2PRFIN20090727_161151_000000522081_00097_38728_3666.N1	27-JUL-2009 16:11:51	Tw_i_and_stray	51.500	150	44Zet Per	2.8900	28000.	103	38728	No
150	GOM_NL__2PRFIN20090727_161450_000000542081_00097_38728_3667.N1	27-JUL-2009 16:14:50	Dark	54.000	146	25Eta Tau	2.8730	15200.	108	38728	No
151	GOM_NL__2PRFIN20090727_161625_000000602081_00097_38728_3668.N1	27-JUL-2009 16:16:25	Dark	60.000	13	87Alp Tau	0.86700	3800.0	120	38728	No
152	GOM_NL__2PRFIN20090727_162651_000000532081_00097_38728_3669.N1	27-JUL-2009 16:26:51	Dark	53.000	165	34Gam Eri	2.9500	3200.0	106	38728	No
153	GOM_NL__2PRFIN20090727_163613_000000452081_00097_38728_3670.N1	27-JUL-2009 16:36:13	Dark	45.000	157	The1Eri	2.9060	9300.0	90	38728	No
154	GOM_NL__2PRFIN20090727_164620_000000542081_00098_38729_3691.N1	27-JUL-2009 16:46:20	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38729	No
155	GOM_NL__2PRFIN20090727_165220_000000442081_00098_38729_3692.N1	27-JUL-2009 16:52:20	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	38729	No
156	GOM_NL__2PRFIN20090727_165531_000000462081_00098_38729_3693.N1	27-JUL-2009 16:55:31	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	38729	No
157	GOM_NL__2PRFIN20090727_171200_000000392081_00098_38729_3694.N1	27-JUL-2009 17:12:00	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	38729	No
158	GOM_NL__2PRFIN20090727_172111_000000472081_00098_38729_3695.N1	27-JUL-2009 17:21:11	Bright	46.500	92	53Eps Cyg	2.5000	4500.0	93	38729	No
159	GOM_NL__2PRFIN20090727_172413_000000432081_00098_38729_3696.N1	27-JUL-2009 17:24:13	Bright	43.000	19	50Alp Cyg	1.2460	10500.	86	38729	No
160	GOM_NL__2PRFIN20090727_172933_000000392081_00098_38729_3697.N1	27-JUL-2009 17:29:33	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38729	No

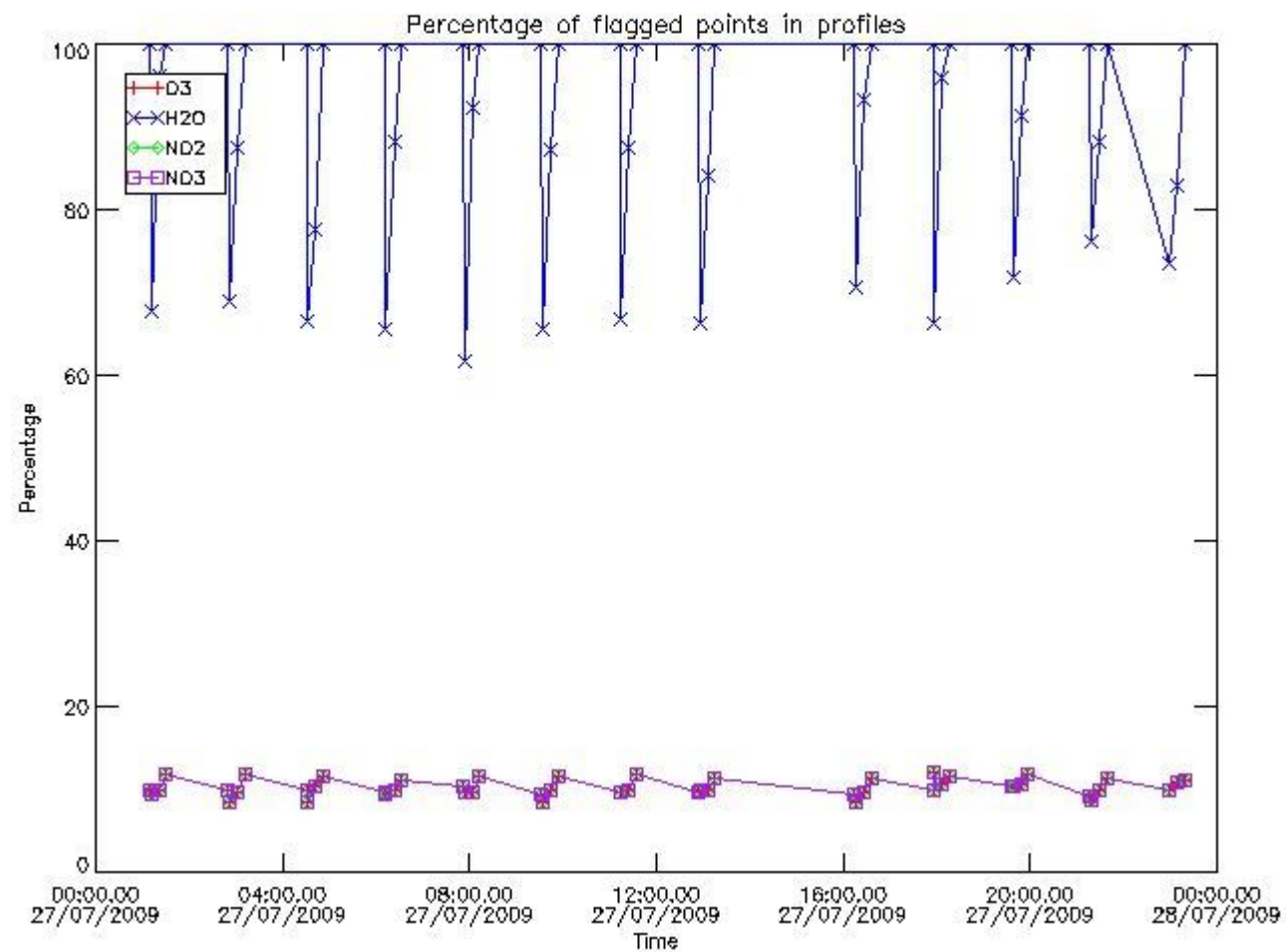
161	GOM_NL__2PRFIN20090727_173623_000000502081_00098_38729_3698.N1	27-JUL-2009 17:36:23	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38729	No
162	GOM_NL__2PRFIN20090727_173813_000000482081_00098_38729_3699.N1	27-JUL-2009 17:38:13	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38729	No
163	GOM_NL__2PRFIN20090727_174414_000000672081_00098_38729_3700.N1	27-JUL-2009 17:44:14	Bright	67.000	160	23Gam Per	2.9300	4700.0	134	38729	No
164	GOM_NL__2PRFIN20090727_174548_000000662081_00098_38729_3701.N1	27-JUL-2009 17:45:48	Bright	66.000	35	33Alp Per	1.7950	6250.0	132	38729	No
165	GOM_NL__2PRFIN20090727_174859_000000552081_00098_38729_3702.N1	27-JUL-2009 17:48:59	Bright	54.500	79	26Bet Per	2.3100	13100.	109	38729	No
166	GOM_NL__2PRFIN20090727_175227_000000502081_00098_38729_3703.N1	27-JUL-2009 17:52:27	Tw_i_and_stray	49.500	150	44Zet Per	2.8900	28000.	99	38729	No
167	GOM_NL__2PRFIN20090727_175526_000000522081_00098_38729_3704.N1	27-JUL-2009 17:55:26	Dark	52.000	146	25Eta Tau	2.8730	15200.	104	38729	No
168	GOM_NL__2PRFIN20090727_175702_000000472081_00098_38729_3705.N1	27-JUL-2009 17:57:02	Dark	46.500	13	87Alp Tau	0.86700	3800.0	93	38729	No
169	GOM_NL__2PRFIN20090727_180728_000000492081_00098_38729_3706.N1	27-JUL-2009 18:07:28	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	38729	No
170	GOM_NL__2PRFIN20090727_181650_000000442081_00098_38729_3707.N1	27-JUL-2009 18:16:50	Dark	44.000	157	The1Eri	2.9060	9300.0	88	38729	No
171	GOM_NL__2PRFIN20090727_182657_000000552081_00099_38730_3706.N1	27-JUL-2009 18:26:57	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38730	No
172	GOM_NL__2PRFIN20090727_183257_000000512081_00099_38730_3707.N1	27-JUL-2009 18:32:57	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	38730	No
173	GOM_NL__2PRFIN20090727_183608_000000482081_00099_38730_3708.N1	27-JUL-2009 18:36:08	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	38730	No
174	GOM_NL__2PRFIN20090727_185236_000000382081_00099_38730_3709.N1	27-JUL-2009 18:52:36	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	38730	No
175	GOM_NL__2PRFIN20090727_190146_000000462081_00099_38730_3710.N1	27-JUL-2009 19:01:46	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	38730	No
176	GOM_NL__2PRFIN20090727_190320_000000392081_00099_38730_3711.N1	27-JUL-2009 19:03:20	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	38730	No
177	GOM_NL__2PRFIN20090727_190448_000000632081_00099_38730_3712.N1	27-JUL-2009 19:04:48	Bright	63.000	19	50Alp Cyg	1.2460	10500.	126	38730	No
178	GOM_NL__2PRFIN20090727_191009_000000422081_00099_38730_3713.N1	27-JUL-2009 19:10:09	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38730	No
179	GOM_NL__2PRFIN20090727_191658_000000512081_00099_38730_3714.N1	27-JUL-2009 19:16:58	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	38730	No
180	GOM_NL__2PRFIN20090727_191848_000000482081_00099_38730_3715.N1	27-JUL-2009 19:18:48	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38730	No
181	GOM_NL__2PRFIN20090727_192450_000000672081_00099_38730_3716.N1	27-JUL-2009 19:24:50	Bright	67.000	160	23Gam Per	2.9300	4700.0	134	38730	No
182	GOM_NL__2PRFIN20090727_192624_000000482081_00099_38730_3717.N1	27-JUL-2009 19:26:24	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	38730	No
183	GOM_NL__2PRFIN20090727_192934_000000522081_00099_38730_3718.N1	27-JUL-2009 19:29:34	Bright	52.000	79	26Bet Per	2.3100	13100.	104	38730	No
184	GOM_NL__2PRFIN20090727_193303_000000512081_00099_38730_3719.N1	27-JUL-2009 19:33:03	Tw_i_and_stray	51.000	150	44Zet Per	2.8900	28000.	102	38730	No
185	GOM_NL__2PRFIN20090727_193602_000000542081_00099_38730_3720.N1	27-JUL-2009 19:36:02	Dark	53.500	146	25Eta Tau	2.8730	15200.	107	38730	No
186	GOM_NL__2PRFIN20090727_193738_000000542081_00099_38730_3721.N1	27-JUL-2009 19:37:38	Dark	53.500	13	87Alp Tau	0.86700	3800.0	107	38730	No
187	GOM_NL__2PRFIN20090727_194805_000000532081_00099_38730_3722.N1	27-JUL-2009 19:48:05	Dark	53.000	165	34Gam Eri	2.9500	3200.0	106	38730	No
188	GOM_NL__2PRFIN20090727_195727_000000432081_00099_38730_3723.N1	27-JUL-2009 19:57:27	Dark	43.000	157	The1Eri	2.9060	9300.0	86	38730	No
189	GOM_NL__2PRFIN20090727_200734_000000542081_00100_38731_3715.N1	27-JUL-2009 20:07:34	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	38731	No
190	GOM_NL__2PRFIN20090727_201333_000000512081_00100_38731_3716.N1	27-JUL-2009 20:13:33	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	38731	No
191	GOM_NL__2PRFIN20090727_201644_000000452081_00100_38731_3717.N1	27-JUL-2009 20:16:44	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	38731	No
192	GOM_NL__2PRFIN20090727_203312_000000572081_00100_38731_3718.N1	27-JUL-2009 20:33:12	Bright	57.000	11	53Alp Aql	0.76500	8000.0	114	38731	No
193	GOM_NL__2PRFIN20090727_204221_000000462081_00100_38731_3719.N1	27-JUL-2009 20:42:21	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	38731	No
194	GOM_NL__2PRFIN20090727_204356_000000362081_00100_38731_3720.N1	27-JUL-2009 20:43:56	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	38731	No
195	GOM_NL__2PRFIN20090727_204524_000000442081_00100_38731_3721.N1	27-JUL-2009 20:45:24	Bright	44.000	19	50Alp Cyg	1.2460	10500.	88	38731	No
196	GOM_NL__2PRFIN20090727_205044_000000382081_00100_38731_3722.N1	27-JUL-2009 20:50:44	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	38731	No
197	GOM_NL__2PRFIN20090727_205733_000000502081_00100_38731_3723.N1	27-JUL-2009 20:57:33	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38731	No
198	GOM_NL__2PRFIN20090727_205923_000000562081_00100_38731_3724.N1	27-JUL-2009 20:59:23	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	38731	No
199	GOM_NL__2PRFIN20090727_210525_000000452081_00100_38731_3725.N1	27-JUL-2009 21:05:25	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	38731	No
200	GOM_NL__2PRFIN20090727_210700_000000632081_00100_38731_3726.N1	27-JUL-2009 21:07:00	Bright	62.500	35	33Alp Per	1.7950	6250.0	125	38731	No
201	GOM_NL__2PRFIN20090727_211010_000000552081_00100_38731_3727.N1	27-JUL-2009 21:10:10	Bright	54.500	79	26Bet Per	2.3100	13100.	109	38731	No
202	GOM_NL__2PRFIN20090727_211339_000000522081_00100_38731_3728.N1	27-JUL-2009 21:13:39	Tw_i_and_stray	52.000	150	44Zet Per	2.8900	28000.	104	38731	No
203	GOM_NL__2PRFIN20090727_211639_000000562081_00100_38731_3729.N1	27-JUL-2009 21:16:39	Dark	55.500	146	25Eta Tau	2.8730	15200.	111	38731	No
204	GOM_NL__2PRFIN20090727_211814_000000592081_00100_38731_3730.N1	27-JUL-2009 21:18:14	Dark	58.500	13	87Alp Tau	0.86700	3800.0	117	38731	No
205	GOM_NL__2PRFIN20090727_212842_000000522081_00100_38731_3731.N1	27-JUL-2009 21:28:42	Dark	51.500	165	34Gam Eri	2.9500	3200.0	103	38731	No
206	GOM_NL__2PRFIN20090727_213803_000000452081_00100_38731_3732.N1	27-JUL-2009 21:38:03	Dark	45.000	157	The1Eri	2.9060	9300.0	90	38731	No
207	GOM_NL__2PRFIN20090727_214811_000000562081_00101_38732_3830.N1	27-JUL-2009 21:48:11	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	38732	No
208	GOM_NL__2PRFIN20090727_215410_000000452081_00101_38732_3831.N1	27-JUL-2009 21:54:10	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	38732	No
209	GOM_NL__2PRFIN20090727_215720_000000472081_00101_38732_3832.N1	27-JUL-2009 21:57:20	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	38732	No
210	GOM_NL__2PRFIN20090727_221347_000000382081_00101_38732_3833.N1	27-JUL-2009 22:13:47	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	38732	No
211	GOM_NL__2PRFIN20090727_222257_000000452081_00101_38732_3834.N1	27-JUL-2009 22:22:57	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	38732	No
212	GOM_NL__2PRFIN20090727_222432_000000392081_00101_38732_3835.N1	27-JUL-2009 22:24:32	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	38732	No
213	GOM_NL__2PRFIN20090727_222559_000000442081_00101_38732_3836.N1	27-JUL-2009 22:25:59	Bright	44.000	19	50Alp Cyg	1.2460	10500.	88	38732	No
214	GOM_NL__2PRFIN20090727_223120_000000432081_00101_38732_3837.N1	27-JUL-2009 22:31:20	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38732	No
215	GOM_NL__2PRFIN20090727_223809_000000482081_00101_38732_3838.N1	27-JUL-2009 22:38:09	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	38732	No
216	GOM_NL__2PRFIN20090727_223958_000000502081_00101_38732_3839.N1	27-JUL-2009 22:39:58	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	38732	No
217	GOM_NL__2PRFIN20090727_224601_000000622081_00101_38732_3840.N1	27-JUL-2009 22:46:01	Bright	62.000	160	23Gam Per	2.9300	4700.0	124	38732	No
218	GOM_NL__2PRFIN20090727_224735_000000472081_00101_38732_3841.N1	27-JUL-2009 22:47:35	Bright	46.500	35	33Alp Per	1.7950	6250.0	93	38732	No
219	GOM_NL__2PRFIN20090727_225046_000000582081_00101_38732_3842.N1	27-JUL-2009 22:50:46	Bright	58.000	79	26Bet Per	2.3100	13100.	116	38732	No

220	GOM_NL__2PRFIN20090727_225415_000000492081_00101_38732_3843.N1	27-JUL-2009 22:54:15	Twilight_stray	49.000	150	44Zet Per	2.8900	28000.	98	38732	No
221	GOM_NL__2PRFIN20090727_225850_000000512081_00101_38732_3844.N1	27-JUL-2009 22:58:50	Dark	51.000	13	87Alp Tau	0.86700	3800.0	102	38732	No
222	GOM_NL__2PRFIN20090727_230918_000000472081_00101_38732_3845.N1	27-JUL-2009 23:09:18	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	38732	No
223	GOM_NL__2PRFIN20090727_231840_000000462081_00101_38732_3846.N1	27-JUL-2009 23:18:40	Dark	45.500	157	The1Eri	2.9060	9300.0	91	38732	No
224	GOM_NL__2PRFIN20090727_232848_000000562081_00102_38733_3836.N1	27-JUL-2009 23:28:48	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	38733	No
225	GOM_NL__2PRFIN20090727_233446_000000552081_00102_38733_3837.N1	27-JUL-2009 23:34:46	Straylight	55.000	31	Alp Gru	1.7340	15200.	110	38733	No
226	GOM_NL__2PRFIN20090727_233757_000000472081_00102_38733_3838.N1	27-JUL-2009 23:37:57	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	38733	No
227	GOM_NL__2PRFIN20090727_235423_000000422081_00102_38733_3839.N1	27-JUL-2009 23:54:23	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	38733	No

3. Quality information per product

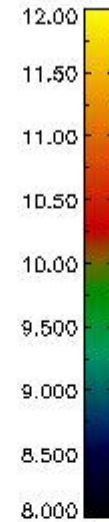
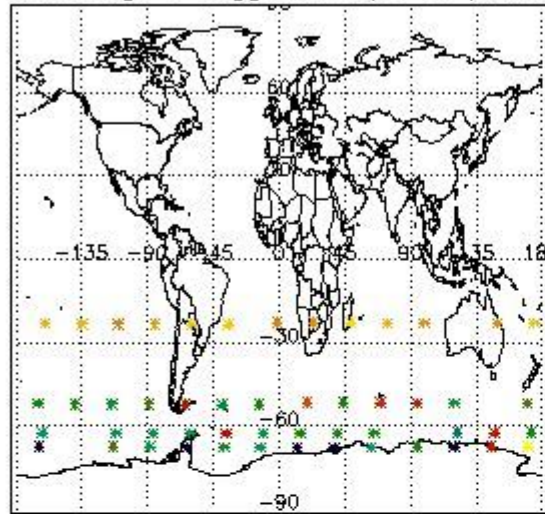
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

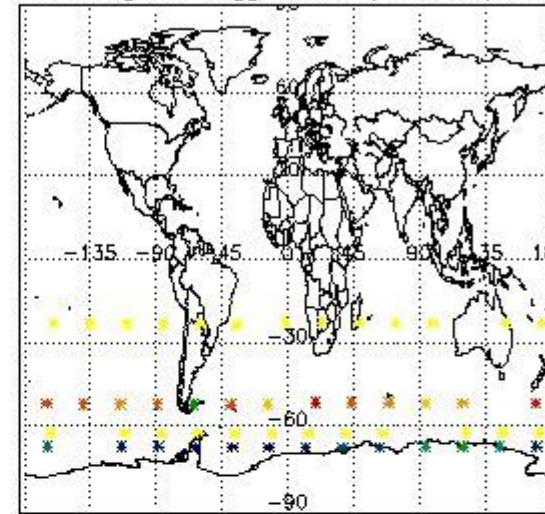


3.2 Plot quality information per product (world map)

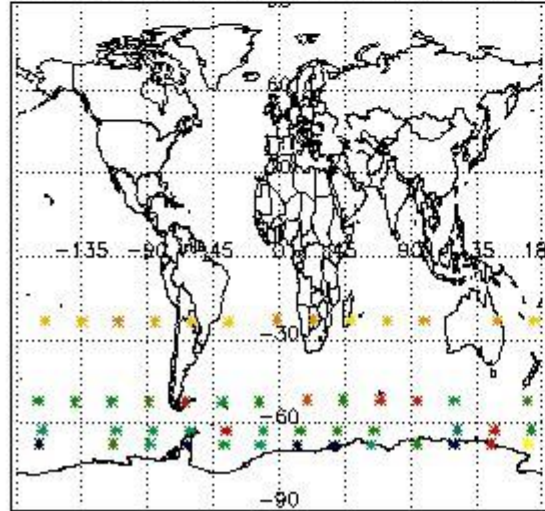
Percentage of flagged data per O3 profile



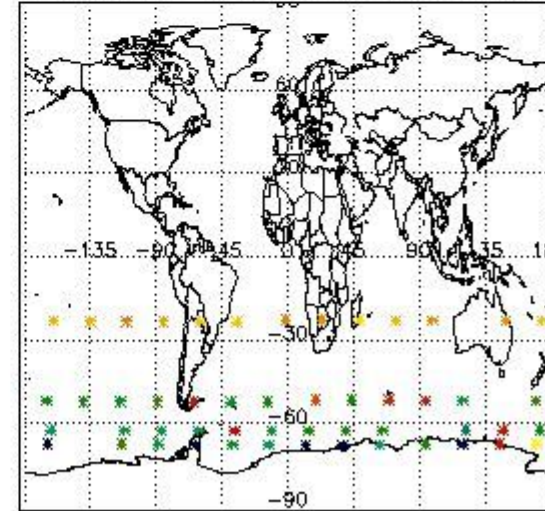
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

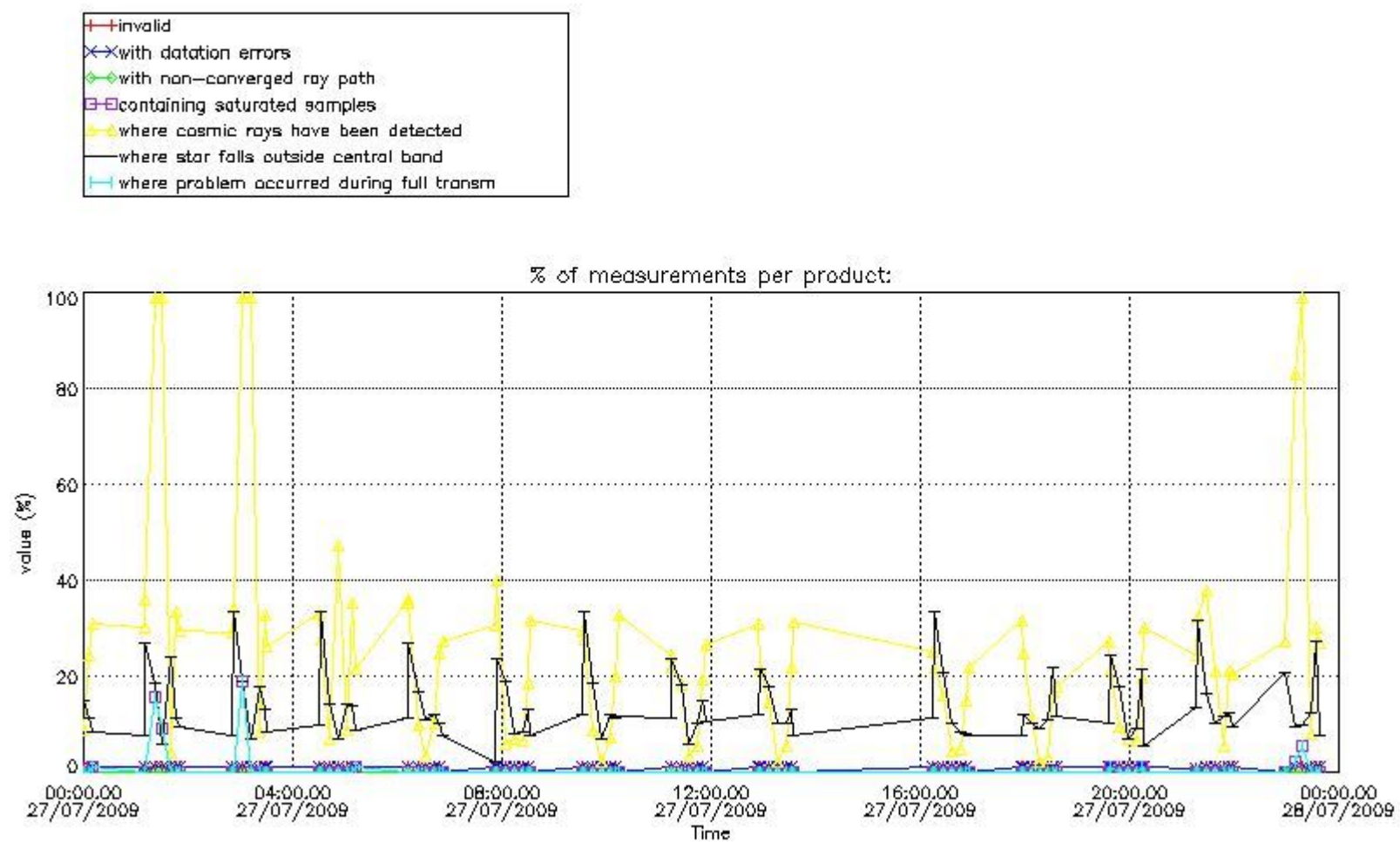


4. Level 1 quality information per product

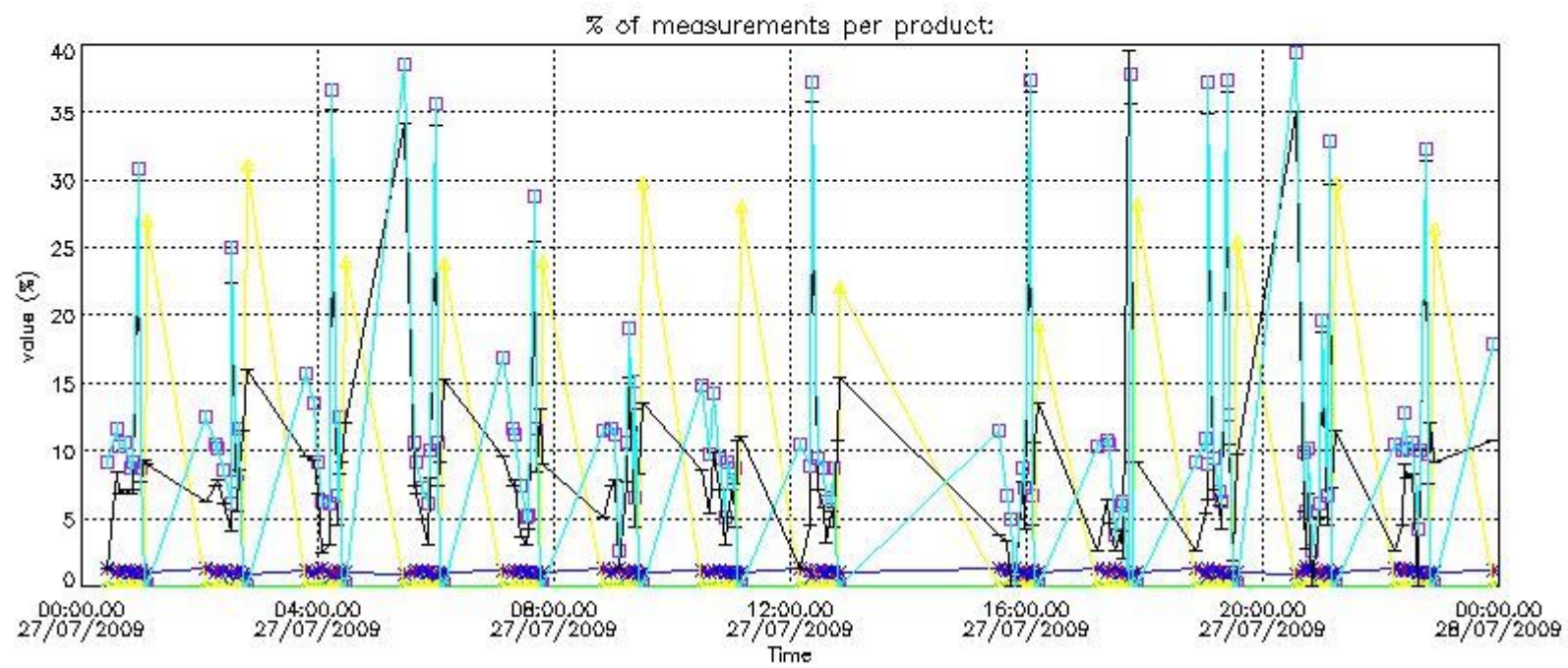
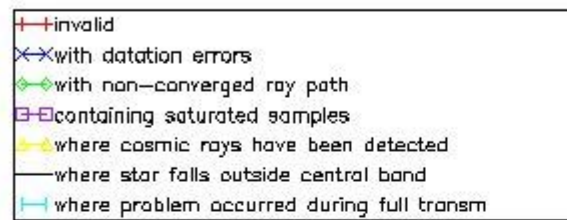
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

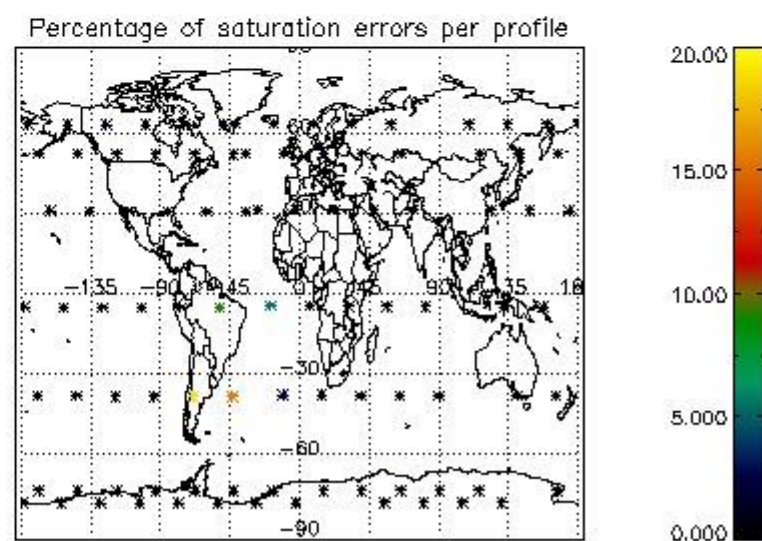
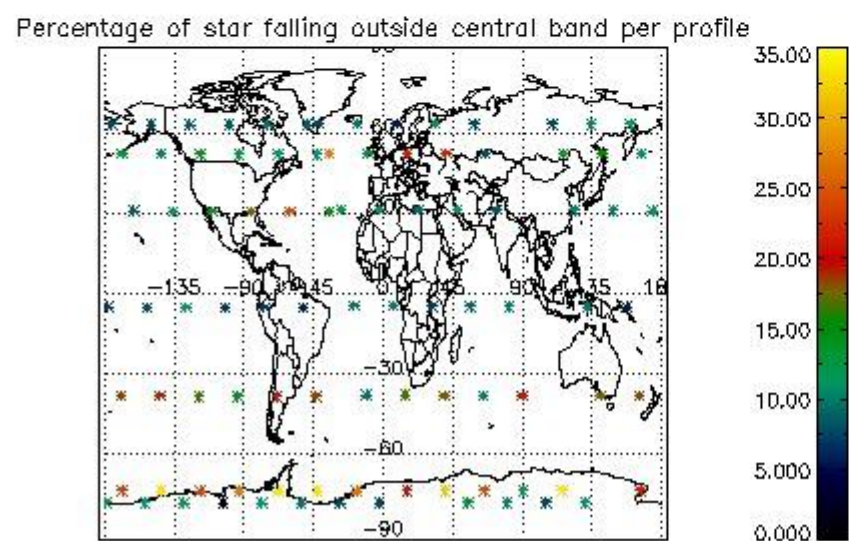
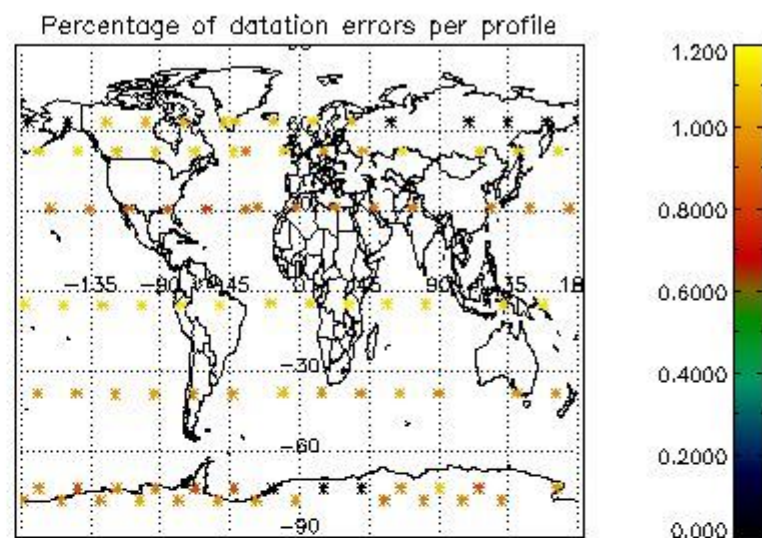
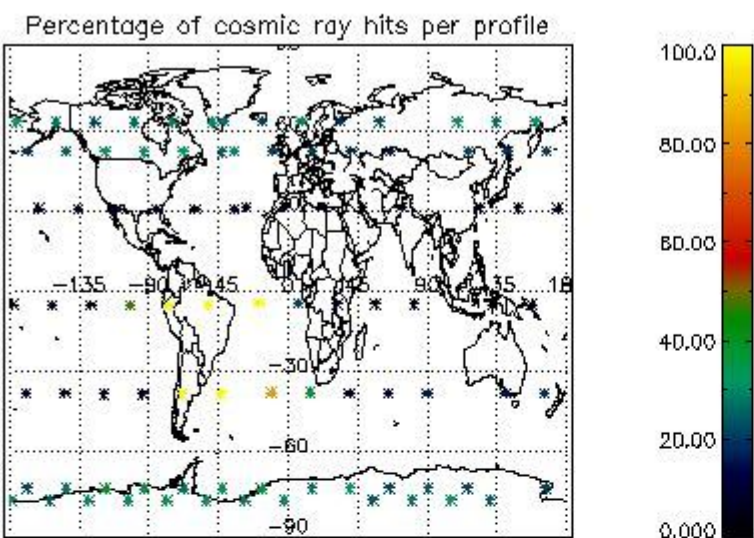


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

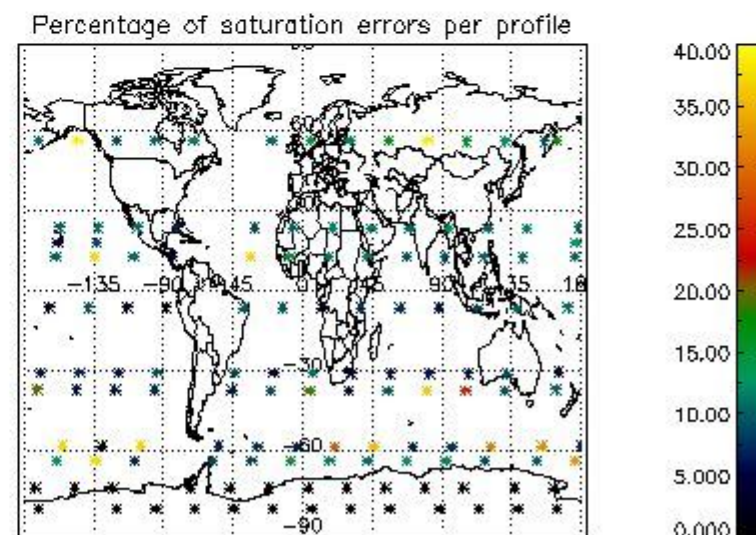
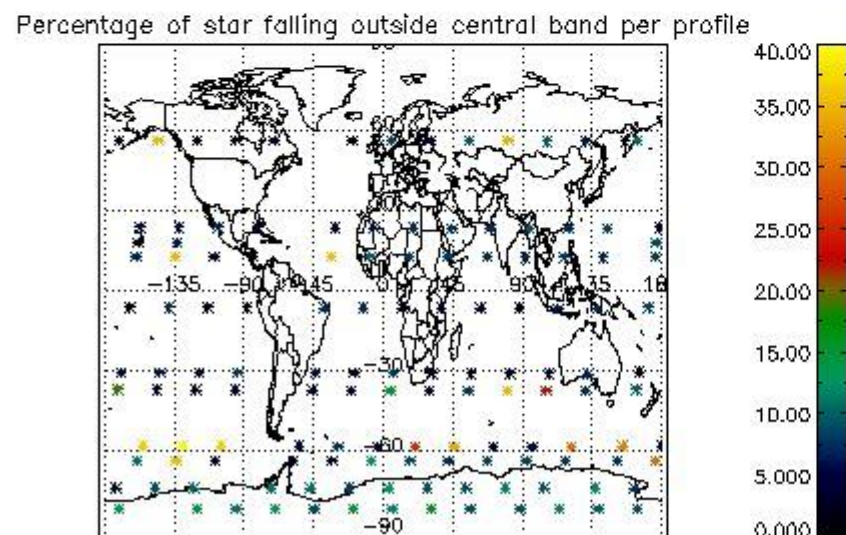
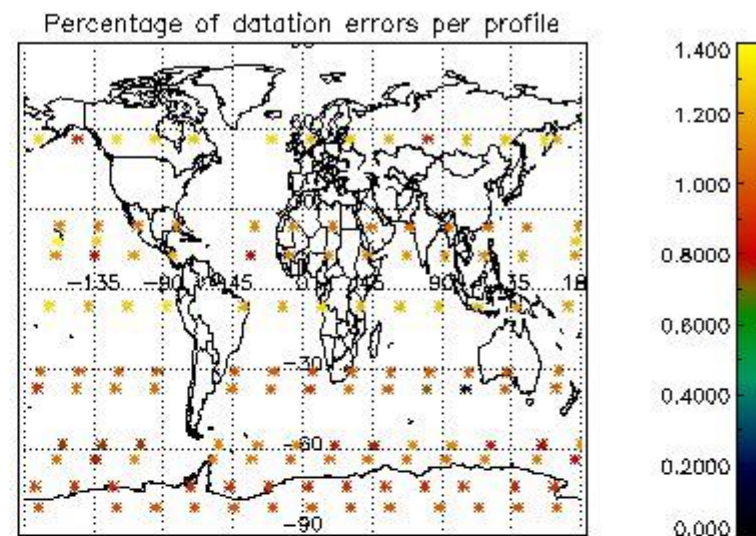
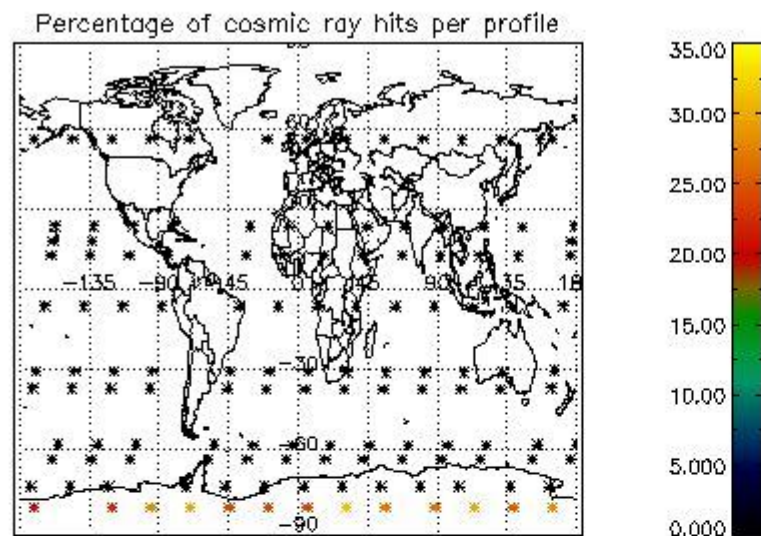


4.2 Plot quality information per product coming from level 1b processing (world map)

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

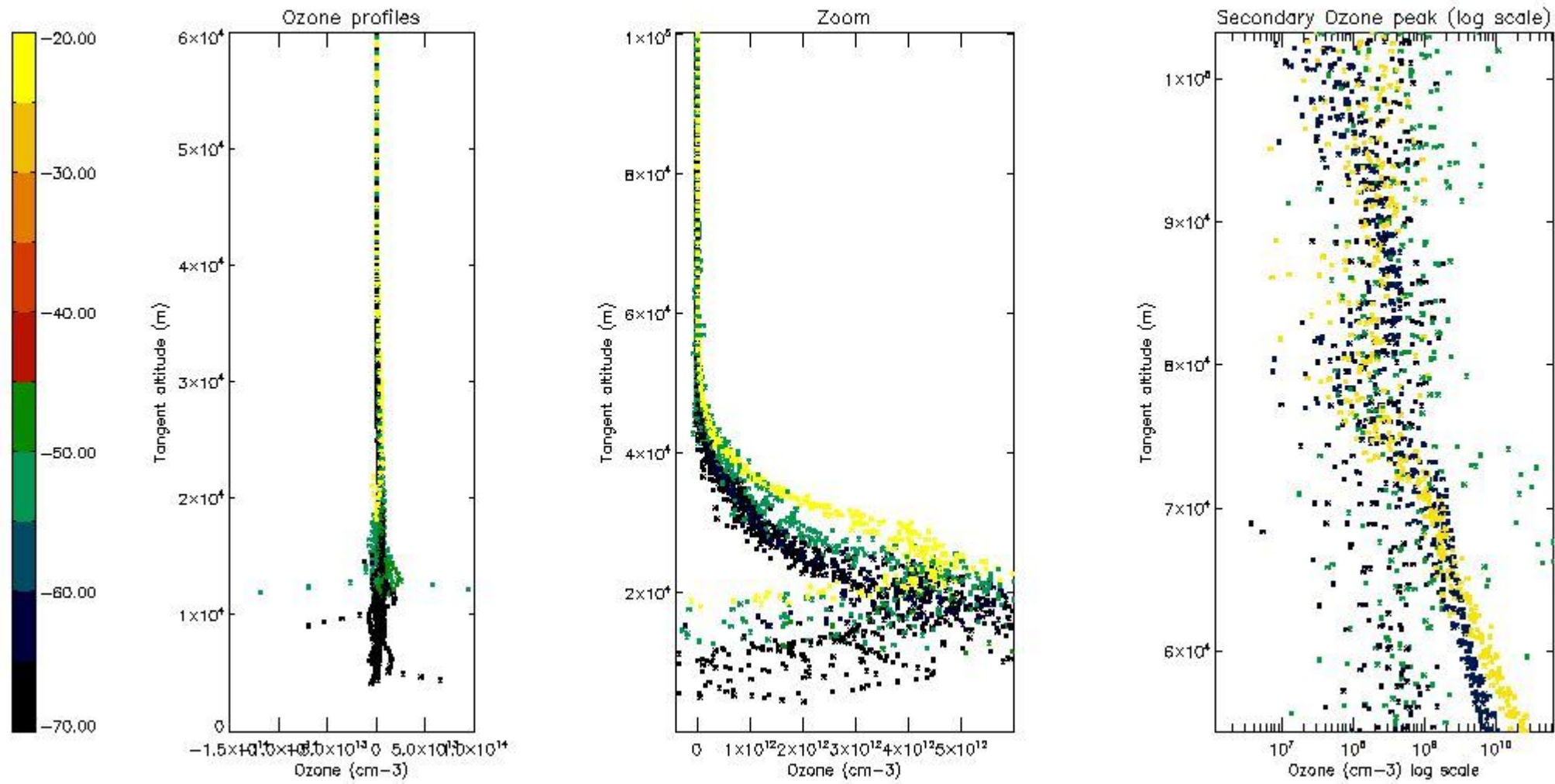
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	24
STD < 20	8

STD < 10	5
STD < 5	1

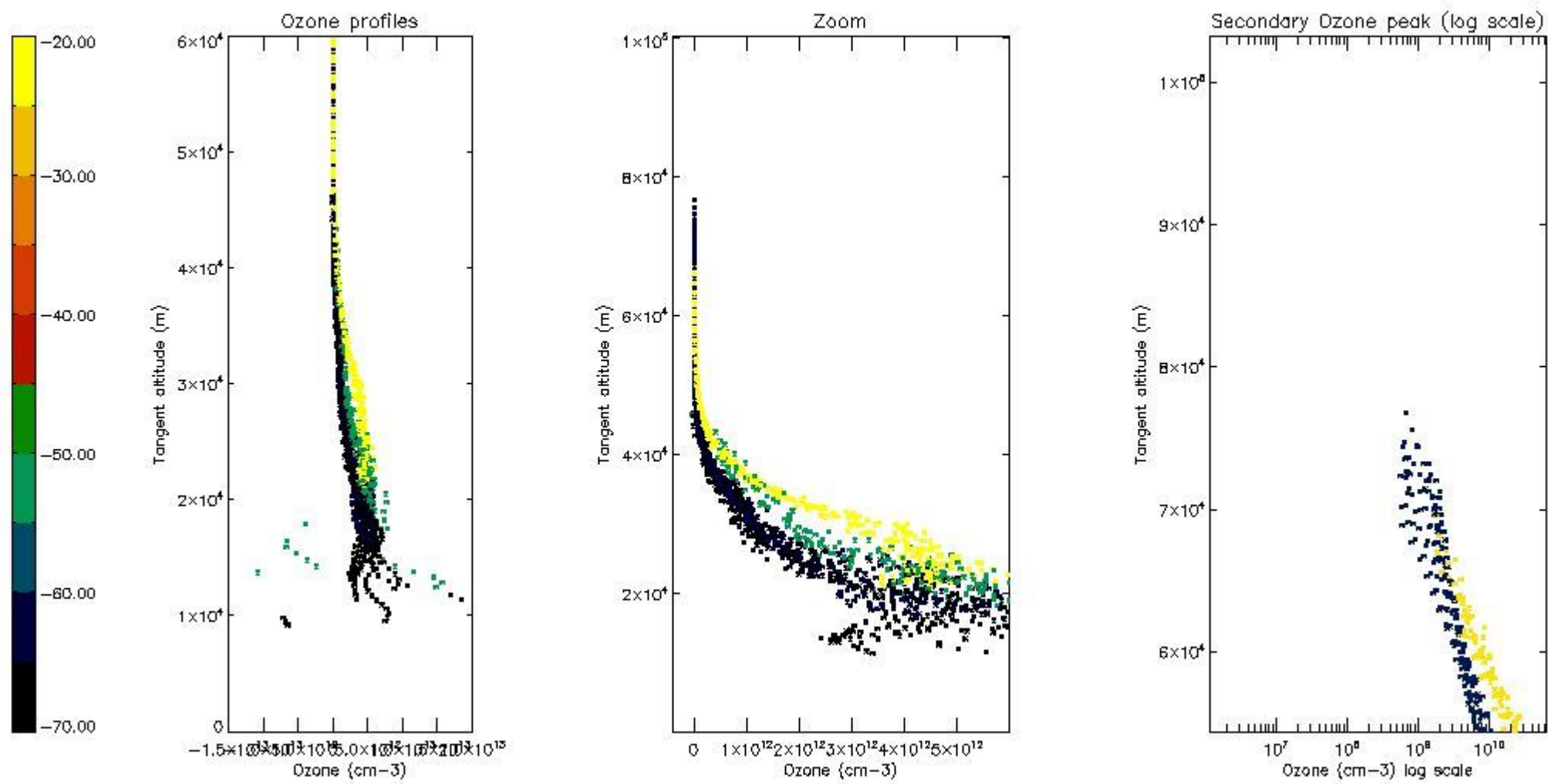
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



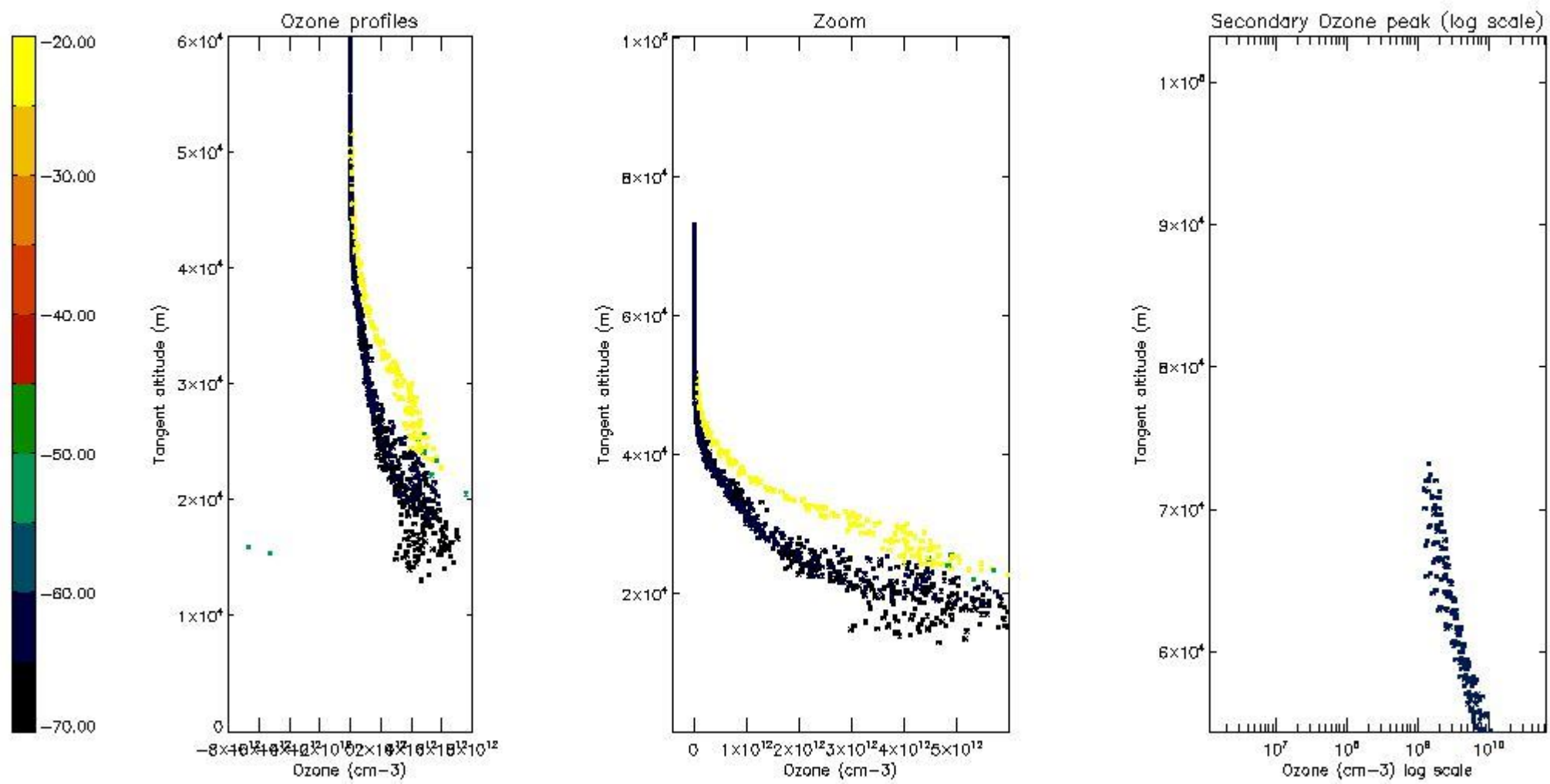
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



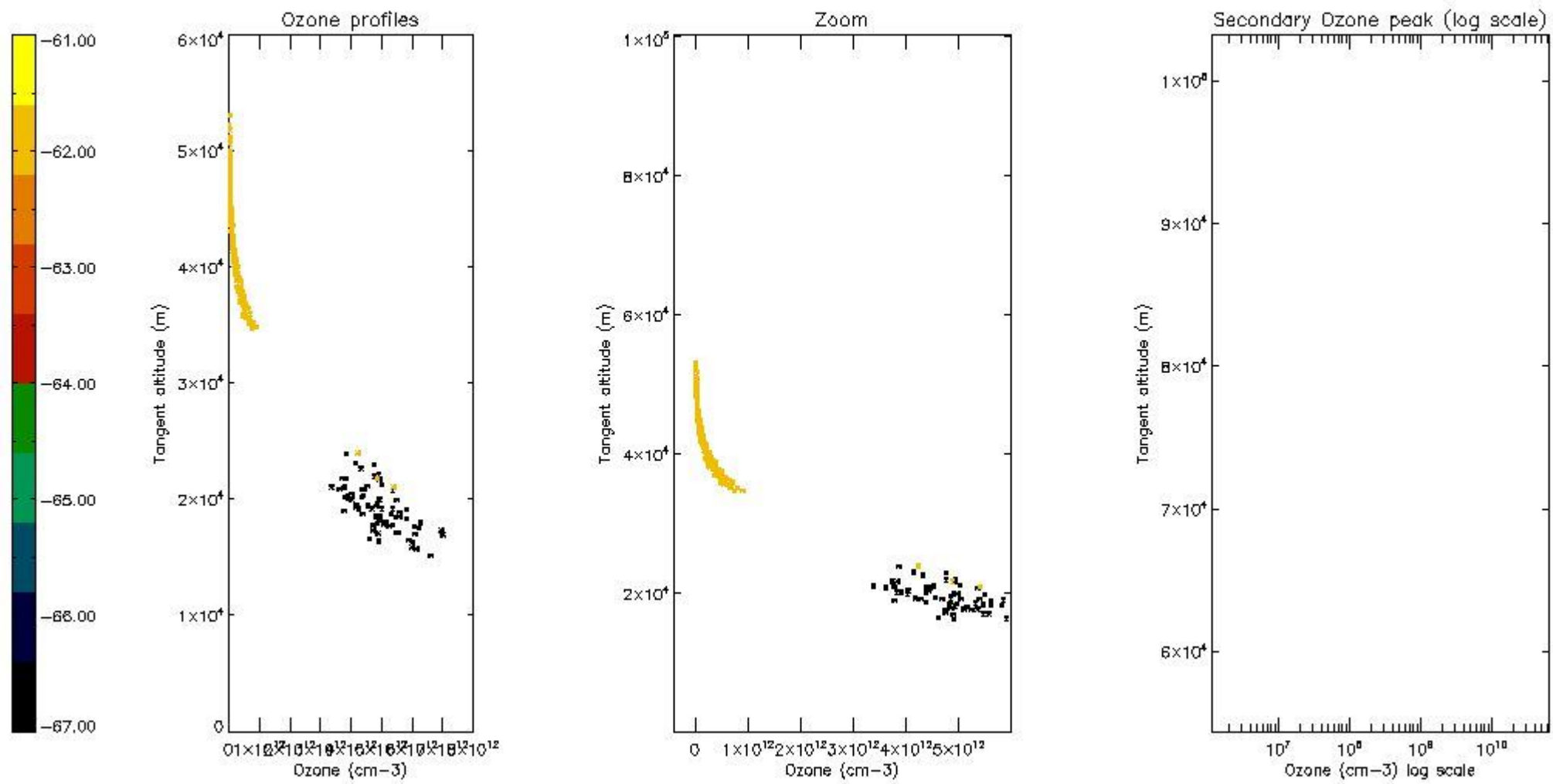
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



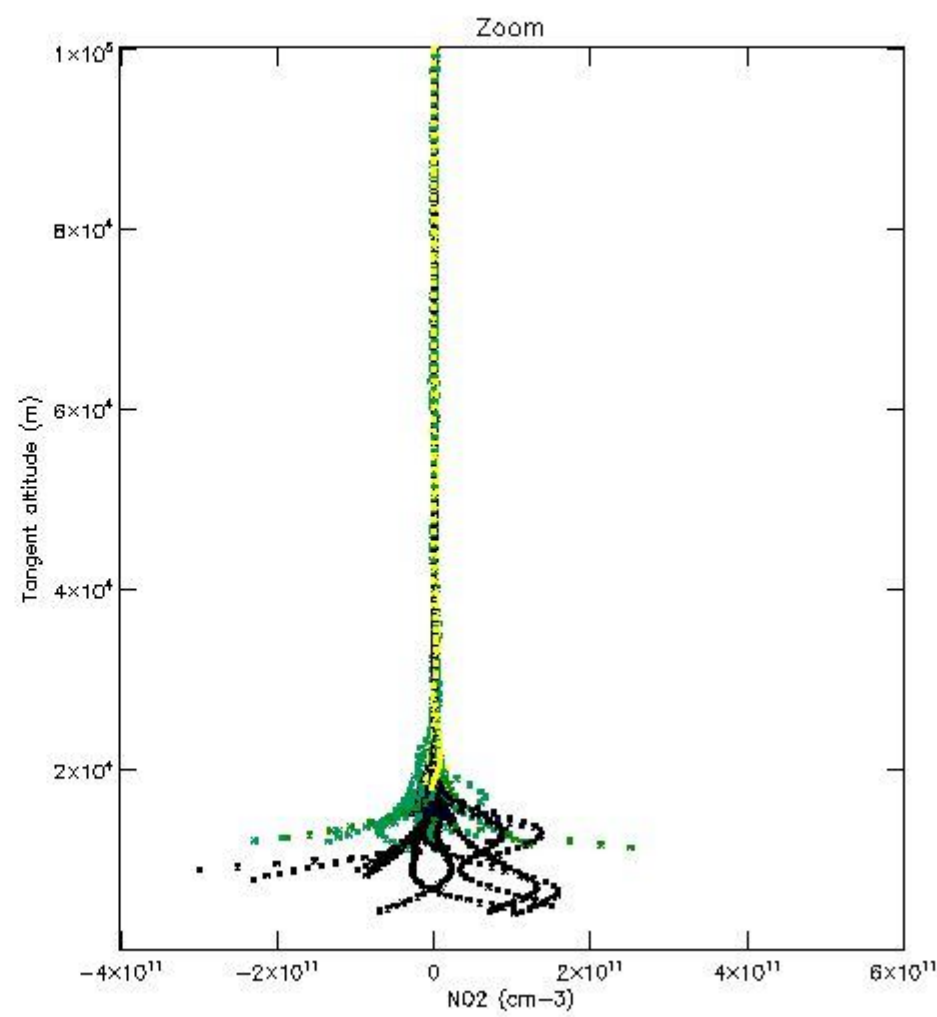
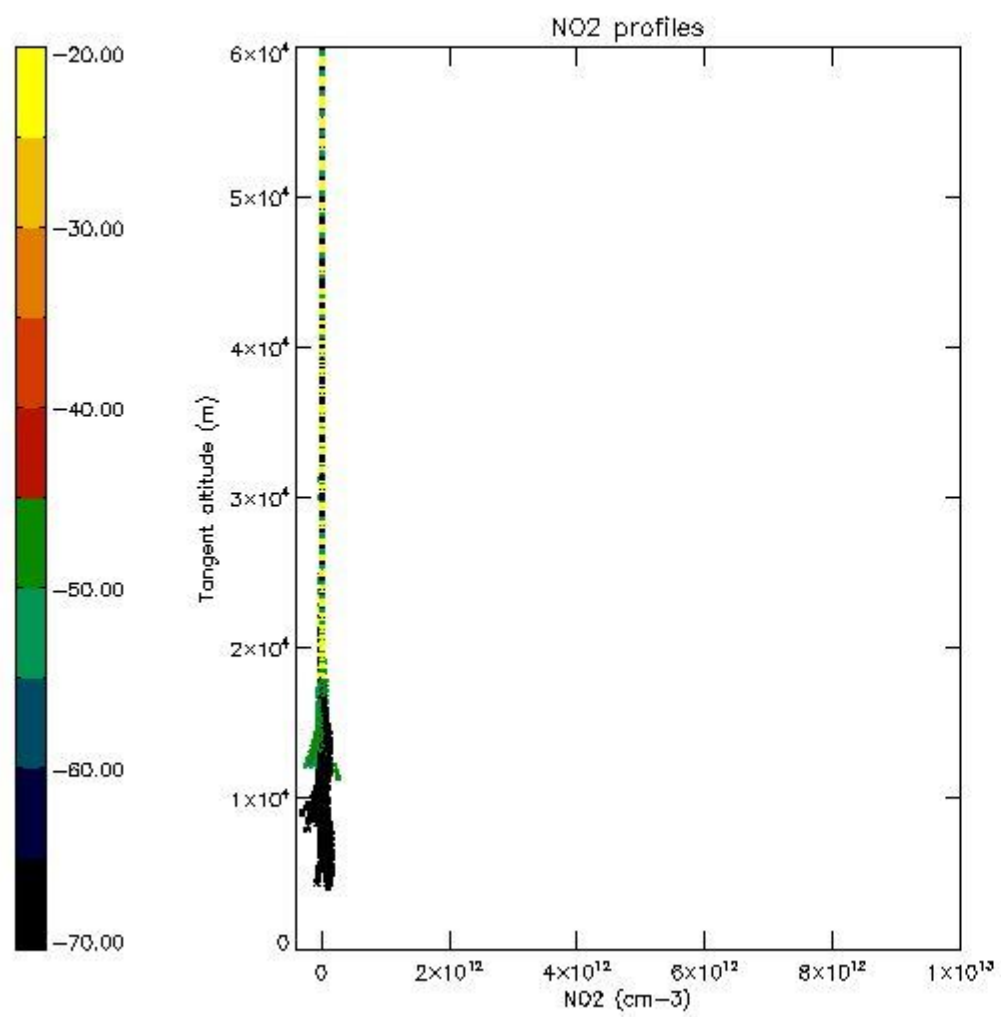
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



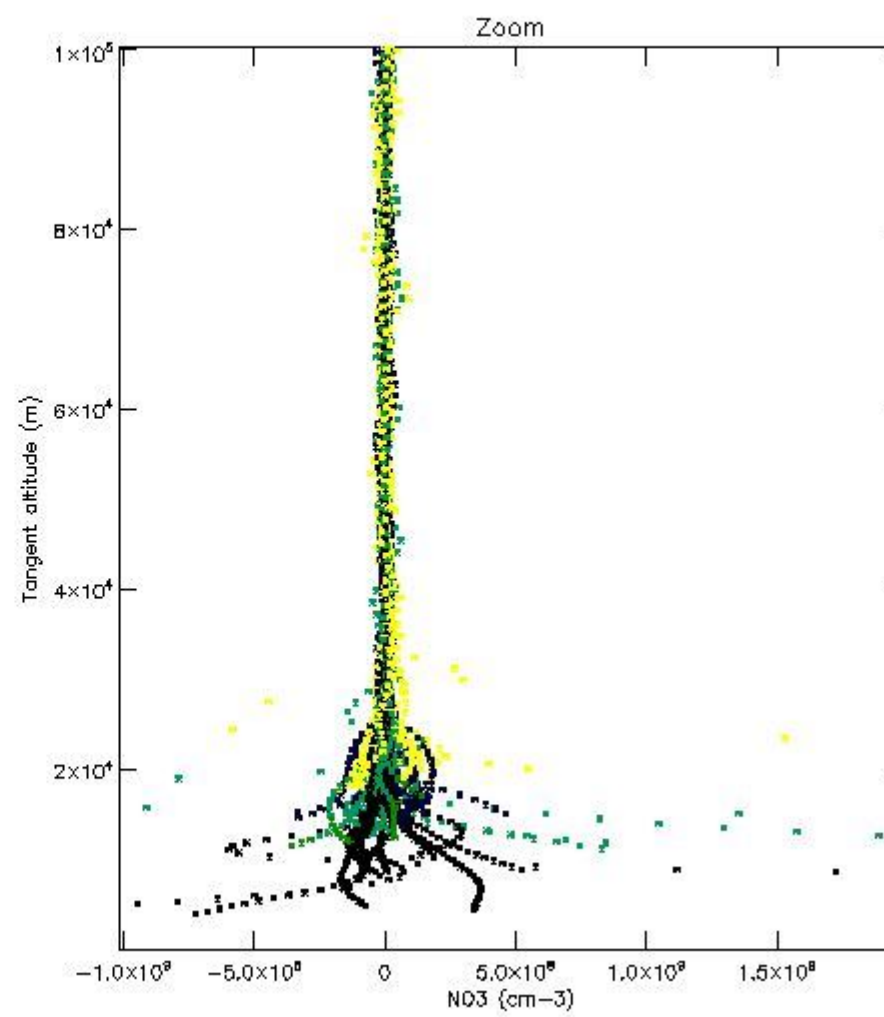
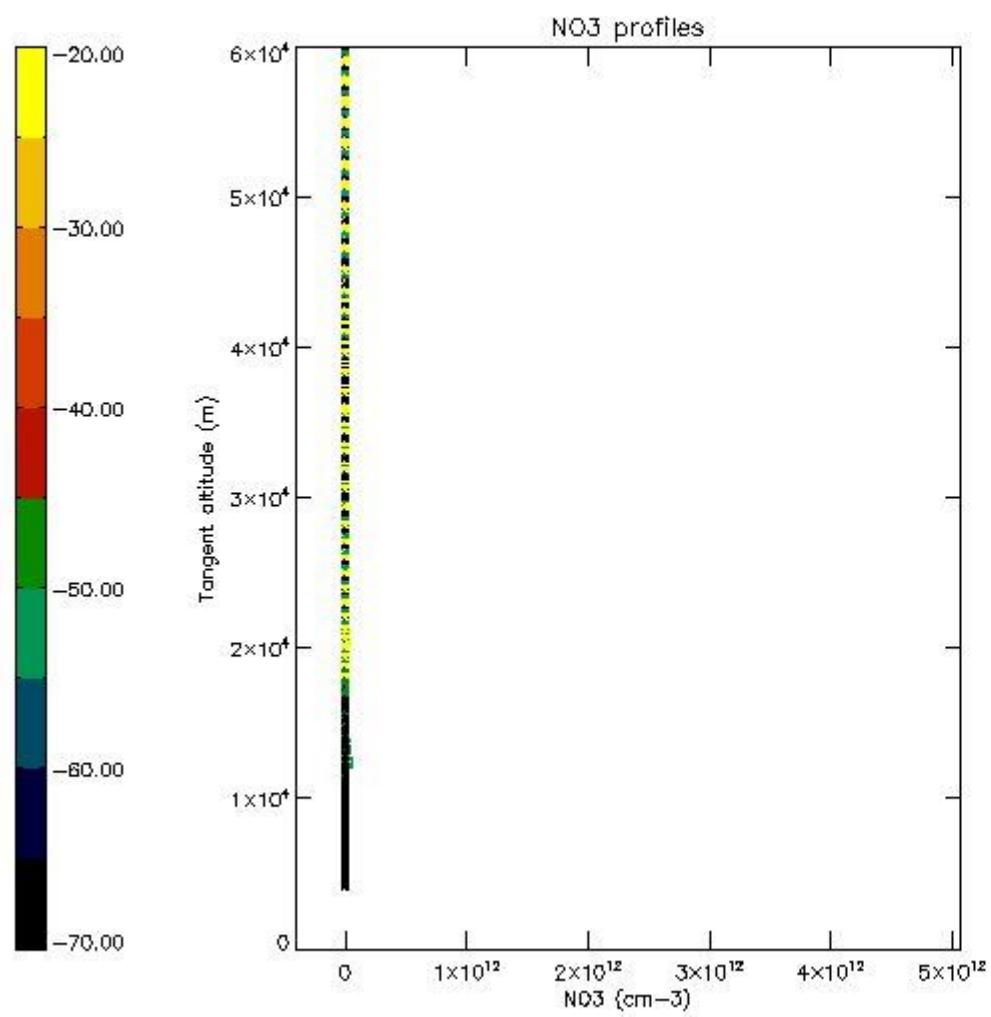
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



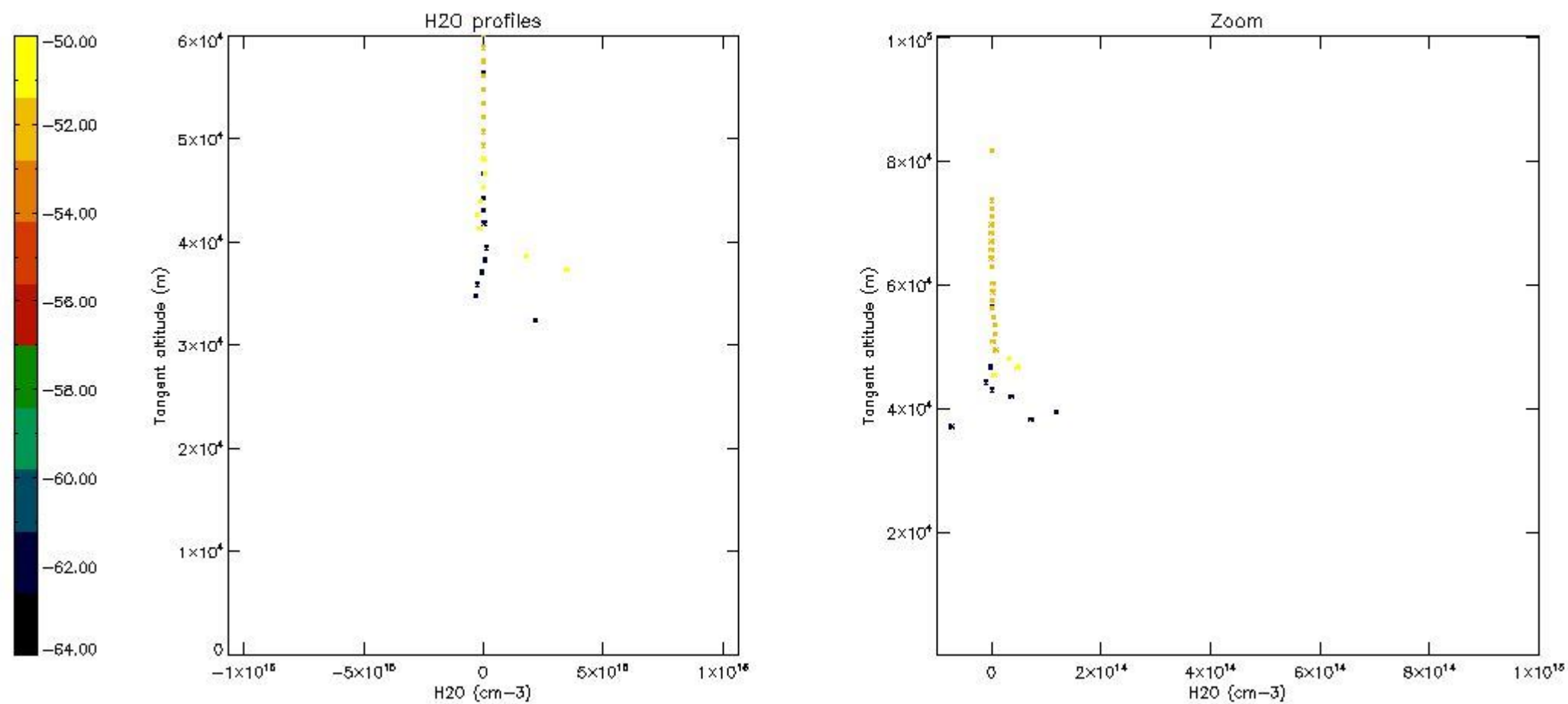
5.7 Plot NO3 profiles for all STD (dark without errors)

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	27-JUL-2009 00:00:09
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-JUL-2009 00:00:09
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-JUL-2009 00:00:09

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	26APR2013 11:10:43
Data source version	GOMOS/6.01
Start time of products	27-07-2009 (27JUL2009 00:00:00)
Stop time of products	28-07-2009 (28JUL2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	227
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__2PRFIN20090727_000009_00000582081_00088_38719_3521.N1	27-JUL-2009 00:00:09	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	38719	No
2	GOM_NL__2PRFIN20090727_000615_00000452081_00088_38719_3522.N1	27-JUL-2009 00:06:15	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	38719	No
3	GOM_NL__2PRFIN20090727_000926_00000472081_00088_38719_3523.N1	27-JUL-2009 00:09:26	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	38719	No
4	GOM_NL__2PRFIN20090727_002602_00000392081_00088_38719_3524.N1	27-JUL-2009 00:26:02	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	38719	No
5	GOM_NL__2PRFIN20090727_003518_00000482081_00088_38719_3525.N1	27-JUL-2009 00:35:18	Bright	47.500	92	53Eps Cyg	2.5000	4500.0	95	38719	No
6	GOM_NL__2PRFIN20090727_003819_00000442081_00088_38719_3526.N1	27-JUL-2009 00:38:19	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	38719	No
7	GOM_NL__2PRFIN20090727_004339_00000432081_00088_38719_3527.N1	27-JUL-2009 00:43:39	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38719	No
8	GOM_NL__2PRFIN20090727_005031_00000522081_00088_38719_3528.N1	27-JUL-2009 00:50:31	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	38719	No
9	GOM_NL__2PRFIN20090727_005220_00000502081_00088_38719_3529.N1	27-JUL-2009 00:52:20	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	38719	No
10	GOM_NL__2PRFIN20090727_005818_00000602081_00088_38719_3530.N1	27-JUL-2009 00:58:18	Bright	60.000	160	23Gam Per	2.9300	4700.0	120	38719	No
11	GOM_NL__2PRFIN20090727_005951_00000462081_00088_38719_3531.N1	27-JUL-2009 00:59:51	Bright	45.500	35	33Alp Per	1.7950	6250.0	91	38719	No
12	GOM_NL__2PRFIN20090727_010301_00000542081_00088_38719_3532.N1	27-JUL-2009 01:03:01	Bright	54.000	79	26Bet Per	2.3100	13100.	108	38719	No
13	GOM_NL__2PRFIN20090727_010626_00000502081_00088_38719_3533.N1	27-JUL-2009 01:06:26	Tw_i_and_stray	50.000	150	44Zet Per	2.8900	28000.	100	38719	No
14	GOM_NL__2PRFIN20090727_010923_00000522081_00088_38719_3534.N1	27-JUL-2009 01:09:23	Dark	51.500	146	25Eta Tau	2.8730	15200.	103	38719	No
15	GOM_NL__2PRFIN20090727_011059_00000542081_00088_38719_3535.N1	27-JUL-2009 01:10:59	Dark	54.000	13	87Alp Tau	0.86700	3800.0	108	38719	No
16	GOM_NL__2PRFIN20090727_012121_00000522081_00088_38719_3536.N1	27-JUL-2009 01:21:21	Dark	51.500	165	34Gam Eri	2.9500	3200.0	103	38719	No
17	GOM_NL__2PRFIN20090727_013042_00000442081_00088_38719_3537.N1	27-JUL-2009 01:30:42	Dark	43.500	157	The1Eri	2.9060	9300.0	87	38719	No
18	GOM_NL__2PRFIN20090727_014046_00000652081_00089_38720_3545.N1	27-JUL-2009 01:40:46	Straylight	64.500	84	Alp Phe	2.3970	4500.0	129	38720	No
19	GOM_NL__2PRFIN20090727_014651_00000452081_00089_38720_3546.N1	27-JUL-2009 01:46:51	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	38720	No
20	GOM_NL__2PRFIN20090727_015003_00000482081_00089_38720_3547.N1	27-JUL-2009 01:50:03	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	38720	No
21	GOM_NL__2PRFIN20090727_020638_00000402081_00089_38720_3548.N1	27-JUL-2009 02:06:38	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	38720	No
22	GOM_NL__2PRFIN20090727_021553_00000482081_00089_38720_3549.N1	27-JUL-2009 02:15:53	Bright	47.500	92	53Eps Cyg	2.5000	4500.0	95	38720	No
23	GOM_NL__2PRFIN20090727_021855_00000452081_00089_38720_3550.N1	27-JUL-2009 02:18:55	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	38720	No
24	GOM_NL__2PRFIN20090727_022414_00000412081_00089_38720_3551.N1	27-JUL-2009 02:24:14	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	38720	No
25	GOM_NL__2PRFIN20090727_023107_00000502081_00089_38720_3552.N1	27-JUL-2009 02:31:07	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38720	No
26	GOM_NL__2PRFIN20090727_023255_00000582081_00089_38720_3553.N1	27-JUL-2009 02:32:55	Bright	58.000	76	27Gam Cas	2.3000	30000.	116	38720	No
27	GOM_NL__2PRFIN20090727_023853_00000452081_00089_38720_3554.N1	27-JUL-2009 02:38:53	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	38720	No
28	GOM_NL__2PRFIN20090727_024027_00000472081_00089_38720_3555.N1	27-JUL-2009 02:40:27	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	38720	No
29	GOM_NL__2PRFIN20090727_024336_00000572081_00089_38720_3556.N1	27-JUL-2009 02:43:36	Bright	56.500	79	26Bet Per	2.3100	13100.	113	38720	No
30	GOM_NL__2PRFIN20090727_024702_00000532081_00089_38720_3557.N1	27-JUL-2009 02:47:02	Tw_i_and_stray	53.000	150	44Zet Per	2.8900	28000.	106	38720	No
31	GOM_NL__2PRFIN20090727_025000_00000522081_00089_38720_3558.N1	27-JUL-2009 02:50:00	Dark	51.500	146	25Eta Tau	2.8730	15200.	103	38720	No
32	GOM_NL__2PRFIN20090727_025135_00000602081_00089_38720_3559.N1	27-JUL-2009 02:51:35	Dark	60.000	13	87Alp Tau	0.86700	3800.0	120	38720	No
33	GOM_NL__2PRFIN20090727_030157_00000532081_00089_38720_3560.N1	27-JUL-2009 03:01:57	Dark	52.500	165	34Gam Eri	2.9500	3200.0	105	38720	No
34	GOM_NL__2PRFIN20090727_031119_00000442081_00089_38720_3561.N1	27-JUL-2009 03:11:19	Dark	43.500	157	The1Eri	2.9060	9300.0	87	38720	No
35	GOM_NL__2PRFIN20090727_032123_00000602081_00090_38721_3559.N1	27-JUL-2009 03:21:23	Straylight	59.500	84	Alp Phe	2.3970	4500.0	119	38721	No
36	GOM_NL__2PRFIN20090727_032728_00000462081_00090_38721_3560.N1	27-JUL-2009 03:27:28	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	38721	No
37	GOM_NL__2PRFIN20090727_033039_00000482081_00090_38721_3561.N1	27-JUL-2009 03:30:39	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	38721	No
38	GOM_NL__2PRFIN20090727_034714_00000422081_00090_38721_3562.N1	27-JUL-2009 03:47:14	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	38721	No
39	GOM_NL__2PRFIN20090727_035628_00000482081_00090_38721_3563.N1	27-JUL-2009 03:56:28	Bright	48.000	92	53Eps Cyg	2.5000	4500.0	96	38721	No
40	GOM_NL__2PRFIN20090727_035930_00000442081_00090_38721_3564.N1	27-JUL-2009 03:59:30	Bright	43.500	19	50Alp Cyg	1.2460	10500.	87	38721	No
41	GOM_NL__2PRFIN20090727_040450_00000402081_00090_38721_3565.N1	27-JUL-2009 04:04:50	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38721	No
42	GOM_NL__2PRFIN20090727_041142_00000502081_00090_38721_3566.N1	27-JUL-2009 04:11:42	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38721	No

43	GOM_NL__2PRFIN20090727_041330_000000712081_00090_38721_3567.N1	27-JUL-2009 04:13:30	Bright	71.000	76	27Gam Cas	2.3000	30000.	142	38721	No
44	GOM_NL__2PRFIN20090727_041929_000000452081_00090_38721_3568.N1	27-JUL-2009 04:19:29	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	38721	No
45	GOM_NL__2PRFIN20090727_042103_000000482081_00090_38721_3569.N1	27-JUL-2009 04:21:03	Bright	48.000	35	33Alp Per	1.7950	6250.0	96	38721	No
46	GOM_NL__2PRFIN20090727_042412_000000552081_00090_38721_3570.N1	27-JUL-2009 04:24:12	Bright	54.500	79	26Bet Per	2.3100	13100.	109	38721	No
47	GOM_NL__2PRFIN20090727_042738_000000502081_00090_38721_3571.N1	27-JUL-2009 04:27:38	Tw_i_and_stray	50.000	150	44Zet Per	2.8900	28000.	100	38721	No
48	GOM_NL__2PRFIN20090727_043036_000000522081_00090_38721_3572.N1	27-JUL-2009 04:30:36	Dark	51.500	146	25Eta Tau	2.8730	15200.	103	38721	No
49	GOM_NL__2PRFIN20090727_043211_000000602081_00090_38721_3573.N1	27-JUL-2009 04:32:11	Dark	60.000	13	87Alp Tau	0.86700	3800.0	120	38721	No
50	GOM_NL__2PRFIN20090727_044234_000000502081_00090_38721_3574.N1	27-JUL-2009 04:42:34	Dark	49.500	165	34Gam Eri	2.9500	3200.0	99	38721	No
51	GOM_NL__2PRFIN20090727_045155_000000452081_00090_38721_3575.N1	27-JUL-2009 04:51:55	Dark	44.500	157	The1Eri	2.9060	9300.0	89	38721	No
52	GOM_NL__2PRFIN20090727_050200_000000572081_00091_38722_3573.N1	27-JUL-2009 05:02:00	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	38722	No
53	GOM_NL__2PRFIN20090727_050804_000000472081_00091_38722_3574.N1	27-JUL-2009 05:08:04	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	38722	No
54	GOM_NL__2PRFIN20090727_051116_000000472081_00091_38722_3575.N1	27-JUL-2009 05:11:16	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	38722	No
55	GOM_NL__2PRFIN20090727_052749_000000572081_00091_38722_3576.N1	27-JUL-2009 05:27:49	Bright	57.000	11	53Alp Aql	0.76500	8000.0	114	38722	No
56	GOM_NL__2PRFIN20090727_053704_000000472081_00091_38722_3577.N1	27-JUL-2009 05:37:04	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	38722	No
57	GOM_NL__2PRFIN20090727_054005_000000442081_00091_38722_3578.N1	27-JUL-2009 05:40:05	Bright	44.000	19	50Alp Cyg	1.2460	10500.	88	38722	No
58	GOM_NL__2PRFIN20090727_054525_000000412081_00091_38722_3579.N1	27-JUL-2009 05:45:25	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	38722	No
59	GOM_NL__2PRFIN20090727_055217_000000502081_00091_38722_3580.N1	27-JUL-2009 05:52:17	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38722	No
60	GOM_NL__2PRFIN20090727_055406_000000502081_00091_38722_3581.N1	27-JUL-2009 05:54:06	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	38722	No
61	GOM_NL__2PRFIN20090727_060005_000000662081_00091_38722_3582.N1	27-JUL-2009 06:00:05	Bright	66.000	160	23Gam Per	2.9300	4700.0	132	38722	No
62	GOM_NL__2PRFIN20090727_060138_000000472081_00091_38722_3583.N1	27-JUL-2009 06:01:38	Bright	47.000	35	33Alp Per	1.7950	6250.0	94	38722	No
63	GOM_NL__2PRFIN20090727_060448_000000552081_00091_38722_3584.N1	27-JUL-2009 06:04:48	Bright	55.000	79	26Bet Per	2.3100	13100.	110	38722	No
64	GOM_NL__2PRFIN20090727_060815_000000532081_00091_38722_3585.N1	27-JUL-2009 06:08:15	Tw_i_and_stray	52.500	150	44Zet Per	2.8900	28000.	105	38722	No
65	GOM_NL__2PRFIN20090727_061112_000000532081_00091_38722_3586.N1	27-JUL-2009 06:11:12	Dark	53.000	146	25Eta Tau	2.8730	15200.	106	38722	No
66	GOM_NL__2PRFIN20090727_061248_000000542081_00091_38722_3587.N1	27-JUL-2009 06:12:48	Dark	54.000	13	87Alp Tau	0.86700	3800.0	108	38722	No
67	GOM_NL__2PRFIN20090727_062311_000000512081_00091_38722_3588.N1	27-JUL-2009 06:23:11	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	38722	No
68	GOM_NL__2PRFIN20090727_063232_000000462081_00091_38722_3589.N1	27-JUL-2009 06:32:32	Dark	45.500	157	The1Eri	2.9060	9300.0	91	38722	No
69	GOM_NL__2PRFIN20090727_064237_000000552081_00092_38723_3587.N1	27-JUL-2009 06:42:37	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38723	No
70	GOM_NL__2PRFIN20090727_064841_000000452081_00092_38723_3588.N1	27-JUL-2009 06:48:41	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	38723	No
71	GOM_NL__2PRFIN20090727_065152_000000462081_00092_38723_3589.N1	27-JUL-2009 06:51:52	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	38723	No
72	GOM_NL__2PRFIN20090727_070825_000000422081_00092_38723_3590.N1	27-JUL-2009 07:08:25	Bright	41.500	11	53Alp Aql	0.76500	8000.0	83	38723	No
73	GOM_NL__2PRFIN20090727_071739_000000482081_00092_38723_3591.N1	27-JUL-2009 07:17:39	Bright	47.500	92	53Eps Cyg	2.5000	4500.0	95	38723	No
74	GOM_NL__2PRFIN20090727_072041_000000452081_00092_38723_3592.N1	27-JUL-2009 07:20:41	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	38723	No
75	GOM_NL__2PRFIN20090727_072601_000000412081_00092_38723_3593.N1	27-JUL-2009 07:26:01	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	38723	No
76	GOM_NL__2PRFIN20090727_073252_000000502081_00092_38723_3594.N1	27-JUL-2009 07:32:52	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38723	No
77	GOM_NL__2PRFIN20090727_073441_000000482081_00092_38723_3595.N1	27-JUL-2009 07:34:41	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38723	No
78	GOM_NL__2PRFIN20090727_074040_000000592081_00092_38723_3596.N1	27-JUL-2009 07:40:40	Bright	59.000	160	23Gam Per	2.9300	4700.0	118	38723	No
79	GOM_NL__2PRFIN20090727_074214_000000482081_00092_38723_3597.N1	27-JUL-2009 07:42:14	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	38723	No
80	GOM_NL__2PRFIN20090727_074524_000000572081_00092_38723_3598.N1	27-JUL-2009 07:45:24	Bright	57.000	79	26Bet Per	2.3100	13100.	114	38723	No
81	GOM_NL__2PRFIN20090727_074851_000000502081_00092_38723_3599.N1	27-JUL-2009 07:48:51	Tw_i_and_stray	50.000	150	44Zet Per	2.8900	28000.	100	38723	No
82	GOM_NL__2PRFIN20090727_075149_000000492081_00092_38723_3600.N1	27-JUL-2009 07:51:49	Dark	49.000	146	25Eta Tau	2.8730	15200.	98	38723	No
83	GOM_NL__2PRFIN20090727_075324_000000532081_00092_38723_3601.N1	27-JUL-2009 07:53:24	Dark	52.500	13	87Alp Tau	0.86700	3800.0	105	38723	No
84	GOM_NL__2PRFIN20090727_080348_000000532081_00092_38723_3602.N1	27-JUL-2009 08:03:48	Dark	52.500	165	34Gam Eri	2.9500	3200.0	105	38723	No
85	GOM_NL__2PRFIN20090727_081309_000000442081_00092_38723_3603.N1	27-JUL-2009 08:13:09	Dark	44.000	157	The1Eri	2.9060	9300.0	88	38723	No
86	GOM_NL__2PRFIN20090727_082315_000000542081_00093_38724_3601.N1	27-JUL-2009 08:23:15	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38724	No
87	GOM_NL__2PRFIN20090727_082918_000000462081_00093_38724_3602.N1	27-JUL-2009 08:29:18	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	38724	No
88	GOM_NL__2PRFIN20090727_083229_000000462081_00093_38724_3603.N1	27-JUL-2009 08:32:29	Straylight	46.000	172	Gam Gru	3.0030	13100.	92	38724	No
89	GOM_NL__2PRFIN20090727_084901_000000392081_00093_38724_3604.N1	27-JUL-2009 08:49:01	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	38724	No
90	GOM_NL__2PRFIN20090727_085814_000000472081_00093_38724_3605.N1	27-JUL-2009 08:58:14	Bright	47.000	92	53Eps Cyg	2.5000	4500.0	94	38724	No
91	GOM_NL__2PRFIN20090727_090116_000000452081_00093_38724_3606.N1	27-JUL-2009 09:01:16	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	38724	No
92	GOM_NL__2PRFIN20090727_090636_000000392081_00093_38724_3607.N1	27-JUL-2009 09:06:36	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	38724	No
93	GOM_NL__2PRFIN20090727_091327_000000522081_00093_38724_3608.N1	27-JUL-2009 09:13:27	Bright	52.000	74	11Bet Cas	2.2680	6600.0	104	38724	No
94	GOM_NL__2PRFIN20090727_091516_000000552081_00093_38724_3609.N1	27-JUL-2009 09:15:16	Bright	55.000	76	27Gam Cas	2.3000	30000.	110	38724	No
95	GOM_NL__2PRFIN20090727_092116_000000462081_00093_38724_3610.N1	27-JUL-2009 09:21:16	Bright	45.500	160	23Gam Per	2.9300	4700.0	91	38724	No
96	GOM_NL__2PRFIN20090727_092250_000000502081_00093_38724_3611.N1	27-JUL-2009 09:22:50	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	38724	No
97	GOM_NL__2PRFIN20090727_092600_000000552081_00093_38724_3612.N1	27-JUL-2009 09:26:00	Bright	54.500	79	26Bet Per	2.3100	13100.	109	38724	No
98	GOM_NL__2PRFIN20090727_092927_000000522081_00093_38724_3613.N1	27-JUL-2009 09:29:27	Tw_i_and_stray	52.000	150	44Zet Per	2.8900	28000.	104	38724	No
99	GOM_NL__2PRFIN20090727_093225_000000542081_00093_38724_3614.N1	27-JUL-2009 09:32:25	Dark	54.000	146	25Eta Tau	2.8730	15200.	108	38724	No
100	GOM_NL__2PRFIN20090727_093400_000000602081_00093_38724_3615.N1	27-JUL-2009 09:34:00	Dark	60.000	13	87Alp Tau	0.86700	3800.0	120	38724	No
101	GOM_NL__2PRFIN20090727_094424_000000522081_00093_38724_3616.N1	27-JUL-2009 09:44:24	Dark	51.500	165	34Gam Eri	2.9500	3200.0	103	38724	No

102	GOM_NL__2PRFIN20090727_095346_000000442081_00093_38724_3617.N1	27-JUL-2009 09:53:46	Dark	44.000	157	The1Eri	2.9060	9300.0	88	38724	No
103	GOM_NL__2PRFIN20090727_100352_000000552081_00094_38725_3615.N1	27-JUL-2009 10:03:52	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	38725	No
104	GOM_NL__2PRFIN20090727_100954_000000452081_00094_38725_3616.N1	27-JUL-2009 10:09:54	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	38725	No
105	GOM_NL__2PRFIN20090727_101305_000000482081_00094_38725_3617.N1	27-JUL-2009 10:13:05	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	38725	No
106	GOM_NL__2PRFIN20090727_102937_000000412081_00094_38725_3618.N1	27-JUL-2009 10:29:37	Bright	40.500	11	53Alp Aql	0.76500	8000.0	81	38725	No
107	GOM_NL__2PRFIN20090727_103850_000000462081_00094_38725_3619.N1	27-JUL-2009 10:38:50	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	38725	No
108	GOM_NL__2PRFIN20090727_104152_000000462081_00094_38725_3620.N1	27-JUL-2009 10:41:52	Bright	45.500	19	50Alp Cyg	1.2460	10500.	91	38725	No
109	GOM_NL__2PRFIN20090727_104712_000000422081_00094_38725_3621.N1	27-JUL-2009 10:47:12	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38725	No
110	GOM_NL__2PRFIN20090727_105402_000000502081_00094_38725_3622.N1	27-JUL-2009 10:54:02	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38725	No
111	GOM_NL__2PRFIN20090727_105551_000000502081_00094_38725_3623.N1	27-JUL-2009 10:55:51	Bright	49.500	76	27Gam Cas	2.3000	30000.	99	38725	No
112	GOM_NL__2PRFIN20090727_110152_000000462081_00094_38725_3624.N1	27-JUL-2009 11:01:52	Bright	46.000	160	23Gam Per	2.9300	4700.0	92	38725	No
113	GOM_NL__2PRFIN20090727_110325_000000462081_00094_38725_3625.N1	27-JUL-2009 11:03:25	Bright	46.000	35	33Alp Per	1.7950	6250.0	92	38725	No
114	GOM_NL__2PRFIN20090727_110635_000000562081_00094_38725_3626.N1	27-JUL-2009 11:06:35	Bright	56.000	79	26Bet Per	2.3100	13100.	112	38725	No
115	GOM_NL__2PRFIN20090727_111003_000000502081_00094_38725_3627.N1	27-JUL-2009 11:10:03	Tw_i_and_stray	50.000	150	44Zet Per	2.8900	28000.	100	38725	No
116	GOM_NL__2PRFIN20090727_111301_000000542081_00094_38725_3628.N1	27-JUL-2009 11:13:01	Dark	53.500	146	25Eta Tau	2.8730	15200.	107	38725	No
117	GOM_NL__2PRFIN20090727_111436_000000532081_00094_38725_3629.N1	27-JUL-2009 11:14:36	Dark	53.000	13	87Alp Tau	0.86700	3800.0	106	38725	No
118	GOM_NL__2PRFIN20090727_112501_000000522081_00094_38725_3630.N1	27-JUL-2009 11:25:01	Dark	52.000	165	34Gam Eri	2.9500	3200.0	104	38725	No
119	GOM_NL__2PRFIN20090727_113423_000000442081_00094_38725_3631.N1	27-JUL-2009 11:34:23	Dark	43.500	157	The1Eri	2.9060	9300.0	87	38725	No
120	GOM_NL__2PRFIN20090727_114429_000000552081_00095_38726_3629.N1	27-JUL-2009 11:44:29	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38726	No
121	GOM_NL__2PRFIN20090727_115030_000000472081_00095_38726_3630.N1	27-JUL-2009 11:50:30	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	38726	No
122	GOM_NL__2PRFIN20090727_115342_000000472081_00095_38726_3631.N1	27-JUL-2009 11:53:42	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	38726	No
123	GOM_NL__2PRFIN20090727_121013_000000382081_00095_38726_3632.N1	27-JUL-2009 12:10:13	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	38726	No
124	GOM_NL__2PRFIN20090727_121925_000000452081_00095_38726_3633.N1	27-JUL-2009 12:19:25	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	38726	No
125	GOM_NL__2PRFIN20090727_122227_000000632081_00095_38726_3634.N1	27-JUL-2009 12:22:27	Bright	63.000	19	50Alp Cyg	1.2460	10500.	126	38726	No
126	GOM_NL__2PRFIN20090727_122747_000000422081_00095_38726_3635.N1	27-JUL-2009 12:27:47	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38726	No
127	GOM_NL__2PRFIN20090727_123437_000000522081_00095_38726_3636.N1	27-JUL-2009 12:34:37	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	38726	No
128	GOM_NL__2PRFIN20090727_123627_000000482081_00095_38726_3637.N1	27-JUL-2009 12:36:27	Bright	47.500	76	27Gam Cas	2.3000	30000.	95	38726	No
129	GOM_NL__2PRFIN20090727_124227_000000462081_00095_38726_3638.N1	27-JUL-2009 12:42:27	Bright	45.500	160	23Gam Per	2.9300	4700.0	91	38726	No
130	GOM_NL__2PRFIN20090727_124401_000000462081_00095_38726_3639.N1	27-JUL-2009 12:44:01	Bright	46.000	35	33Alp Per	1.7950	6250.0	92	38726	No
131	GOM_NL__2PRFIN20090727_124711_000000562081_00095_38726_3640.N1	27-JUL-2009 12:47:11	Bright	55.500	79	26Bet Per	2.3100	13100.	111	38726	No
132	GOM_NL__2PRFIN20090727_125039_000000522081_00095_38726_3641.N1	27-JUL-2009 12:50:39	Tw_i_and_stray	52.000	150	44Zet Per	2.8900	28000.	104	38726	No
133	GOM_NL__2PRFIN20090727_125337_000000542081_00095_38726_3642.N1	27-JUL-2009 12:53:37	Dark	53.500	146	25Eta Tau	2.8730	15200.	107	38726	No
134	GOM_NL__2PRFIN20090727_125513_000000512081_00095_38726_3643.N1	27-JUL-2009 12:55:13	Dark	51.000	13	87Alp Tau	0.86700	3800.0	102	38726	No
135	GOM_NL__2PRFIN20090727_130538_000000512081_00095_38726_3644.N1	27-JUL-2009 13:05:38	Dark	51.000	165	34Gam Eri	2.9500	3200.0	102	38726	No
136	GOM_NL__2PRFIN20090727_131500_000000452081_00095_38726_3645.N1	27-JUL-2009 13:15:00	Dark	45.000	157	The1Eri	2.9060	9300.0	90	38726	No
137	GOM_NL__2PRFIN20090727_132506_000000552081_00096_38727_3643.N1	27-JUL-2009 13:25:06	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38727	No
138	GOM_NL__2PRFIN20090727_133107_000000462081_00096_38727_3644.N1	27-JUL-2009 13:31:07	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	38727	No
139	GOM_NL__2PRFIN20090727_133418_000000472081_00096_38727_3645.N1	27-JUL-2009 13:34:18	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	38727	No
140	GOM_NL__2PRFIN20090727_153124_000000392081_00097_38728_3657.N1	27-JUL-2009 15:31:24	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	38728	No
141	GOM_NL__2PRFIN20090727_154035_000000452081_00097_38728_3658.N1	27-JUL-2009 15:40:35	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	38728	No
142	GOM_NL__2PRFIN20090727_154337_000000412081_00097_38728_3659.N1	27-JUL-2009 15:43:37	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	38728	No
143	GOM_NL__2PRFIN20090727_154858_000000382081_00097_38728_3660.N1	27-JUL-2009 15:48:58	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	38728	No
144	GOM_NL__2PRFIN20090727_155548_000000522081_00097_38728_3661.N1	27-JUL-2009 15:55:48	Bright	51.500	74	11Bet Cas	2.2680	6600.0	103	38728	No
145	GOM_NL__2PRFIN20090727_155737_000000482081_00097_38728_3662.N1	27-JUL-2009 15:57:37	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38728	No
146	GOM_NL__2PRFIN20090727_160339_000000672081_00097_38728_3663.N1	27-JUL-2009 16:03:39	Bright	67.000	160	23Gam Per	2.9300	4700.0	134	38728	No
147	GOM_NL__2PRFIN20090727_160512_000000452081_00097_38728_3664.N1	27-JUL-2009 16:05:12	Bright	45.000	35	33Alp Per	1.7950	6250.0	90	38728	No
148	GOM_NL__2PRFIN20090727_160823_000000572081_00097_38728_3665.N1	27-JUL-2009 16:08:23	Bright	56.500	79	26Bet Per	2.3100	13100.	113	38728	No
149	GOM_NL__2PRFIN20090727_161151_000000522081_00097_38728_3666.N1	27-JUL-2009 16:11:51	Tw_i_and_stray	51.500	150	44Zet Per	2.8900	28000.	103	38728	No
150	GOM_NL__2PRFIN20090727_161450_000000542081_00097_38728_3667.N1	27-JUL-2009 16:14:50	Dark	54.000	146	25Eta Tau	2.8730	15200.	108	38728	No
151	GOM_NL__2PRFIN20090727_161625_000000602081_00097_38728_3668.N1	27-JUL-2009 16:16:25	Dark	60.000	13	87Alp Tau	0.86700	3800.0	120	38728	No
152	GOM_NL__2PRFIN20090727_162651_000000532081_00097_38728_3669.N1	27-JUL-2009 16:26:51	Dark	53.000	165	34Gam Eri	2.9500	3200.0	106	38728	No
153	GOM_NL__2PRFIN20090727_163613_000000452081_00097_38728_3670.N1	27-JUL-2009 16:36:13	Dark	45.000	157	The1Eri	2.9060	9300.0	90	38728	No
154	GOM_NL__2PRFIN20090727_164620_000000542081_00098_38729_3691.N1	27-JUL-2009 16:46:20	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	38729	No
155	GOM_NL__2PRFIN20090727_165220_000000442081_00098_38729_3692.N1	27-JUL-2009 16:52:20	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	38729	No
156	GOM_NL__2PRFIN20090727_165531_000000462081_00098_38729_3693.N1	27-JUL-2009 16:55:31	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	38729	No
157	GOM_NL__2PRFIN20090727_171200_000000392081_00098_38729_3694.N1	27-JUL-2009 17:12:00	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	38729	No
158	GOM_NL__2PRFIN20090727_172111_000000472081_00098_38729_3695.N1	27-JUL-2009 17:21:11	Bright	46.500	92	53Eps Cyg	2.5000	4500.0	93	38729	No
159	GOM_NL__2PRFIN20090727_172413_000000432081_00098_38729_3696.N1	27-JUL-2009 17:24:13	Bright	43.000	19	50Alp Cyg	1.2460	10500.	86	38729	No
160	GOM_NL__2PRFIN20090727_172933_000000392081_00098_38729_3697.N1	27-JUL-2009 17:29:33	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	38729	No

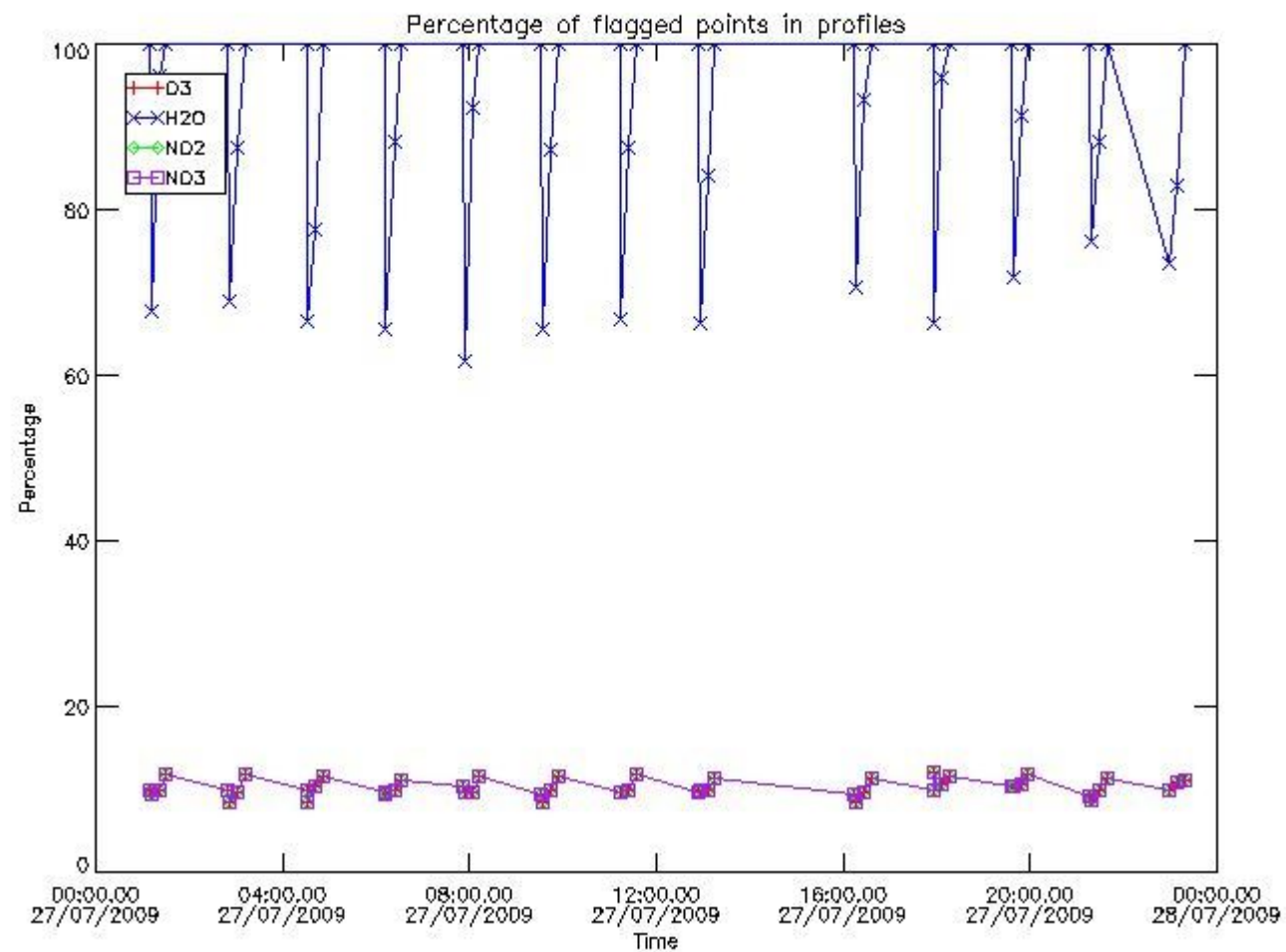
161	GOM_NL__2PRFIN20090727_173623_000000502081_00098_38729_3698.N1	27-JUL-2009 17:36:23	Bright	50.000	74	11Bet Cas	2.2680	6600.0	100	38729	No
162	GOM_NL__2PRFIN20090727_173813_000000482081_00098_38729_3699.N1	27-JUL-2009 17:38:13	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38729	No
163	GOM_NL__2PRFIN20090727_174414_000000672081_00098_38729_3700.N1	27-JUL-2009 17:44:14	Bright	67.000	160	23Gam Per	2.9300	4700.0	134	38729	No
164	GOM_NL__2PRFIN20090727_174548_000000662081_00098_38729_3701.N1	27-JUL-2009 17:45:48	Bright	66.000	35	33Alp Per	1.7950	6250.0	132	38729	No
165	GOM_NL__2PRFIN20090727_174859_000000552081_00098_38729_3702.N1	27-JUL-2009 17:48:59	Bright	54.500	79	26Bet Per	2.3100	13100.	109	38729	No
166	GOM_NL__2PRFIN20090727_175227_000000502081_00098_38729_3703.N1	27-JUL-2009 17:52:27	Tw_i_and_stray	49.500	150	44Zet Per	2.8900	28000.	99	38729	No
167	GOM_NL__2PRFIN20090727_175526_000000522081_00098_38729_3704.N1	27-JUL-2009 17:55:26	Dark	52.000	146	25Eta Tau	2.8730	15200.	104	38729	No
168	GOM_NL__2PRFIN20090727_175702_000000472081_00098_38729_3705.N1	27-JUL-2009 17:57:02	Dark	46.500	13	87Alp Tau	0.86700	3800.0	93	38729	No
169	GOM_NL__2PRFIN20090727_180728_000000492081_00098_38729_3706.N1	27-JUL-2009 18:07:28	Dark	48.500	165	34Gam Eri	2.9500	3200.0	97	38729	No
170	GOM_NL__2PRFIN20090727_181650_000000442081_00098_38729_3707.N1	27-JUL-2009 18:16:50	Dark	44.000	157	The1Eri	2.9060	9300.0	88	38729	No
171	GOM_NL__2PRFIN20090727_182657_000000552081_00099_38730_3706.N1	27-JUL-2009 18:26:57	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	38730	No
172	GOM_NL__2PRFIN20090727_183257_000000512081_00099_38730_3707.N1	27-JUL-2009 18:32:57	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	38730	No
173	GOM_NL__2PRFIN20090727_183608_000000482081_00099_38730_3708.N1	27-JUL-2009 18:36:08	Straylight	47.500	172	Gam Gru	3.0030	13100.	95	38730	No
174	GOM_NL__2PRFIN20090727_185236_000000382081_00099_38730_3709.N1	27-JUL-2009 18:52:36	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	38730	No
175	GOM_NL__2PRFIN20090727_190146_000000462081_00099_38730_3710.N1	27-JUL-2009 19:01:46	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	38730	No
176	GOM_NL__2PRFIN20090727_190320_000000392081_00099_38730_3711.N1	27-JUL-2009 19:03:20	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	38730	No
177	GOM_NL__2PRFIN20090727_190448_000000632081_00099_38730_3712.N1	27-JUL-2009 19:04:48	Bright	63.000	19	50Alp Cyg	1.2460	10500.	126	38730	No
178	GOM_NL__2PRFIN20090727_191009_000000422081_00099_38730_3713.N1	27-JUL-2009 19:10:09	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38730	No
179	GOM_NL__2PRFIN20090727_191658_000000512081_00099_38730_3714.N1	27-JUL-2009 19:16:58	Bright	50.500	74	11Bet Cas	2.2680	6600.0	101	38730	No
180	GOM_NL__2PRFIN20090727_191848_000000482081_00099_38730_3715.N1	27-JUL-2009 19:18:48	Bright	48.000	76	27Gam Cas	2.3000	30000.	96	38730	No
181	GOM_NL__2PRFIN20090727_192450_000000672081_00099_38730_3716.N1	27-JUL-2009 19:24:50	Bright	67.000	160	23Gam Per	2.9300	4700.0	134	38730	No
182	GOM_NL__2PRFIN20090727_192624_000000482081_00099_38730_3717.N1	27-JUL-2009 19:26:24	Bright	47.500	35	33Alp Per	1.7950	6250.0	95	38730	No
183	GOM_NL__2PRFIN20090727_192934_000000522081_00099_38730_3718.N1	27-JUL-2009 19:29:34	Bright	52.000	79	26Bet Per	2.3100	13100.	104	38730	No
184	GOM_NL__2PRFIN20090727_193303_000000512081_00099_38730_3719.N1	27-JUL-2009 19:33:03	Tw_i_and_stray	51.000	150	44Zet Per	2.8900	28000.	102	38730	No
185	GOM_NL__2PRFIN20090727_193602_000000542081_00099_38730_3720.N1	27-JUL-2009 19:36:02	Dark	53.500	146	25Eta Tau	2.8730	15200.	107	38730	No
186	GOM_NL__2PRFIN20090727_193738_000000542081_00099_38730_3721.N1	27-JUL-2009 19:37:38	Dark	53.500	13	87Alp Tau	0.86700	3800.0	107	38730	No
187	GOM_NL__2PRFIN20090727_194805_000000532081_00099_38730_3722.N1	27-JUL-2009 19:48:05	Dark	53.000	165	34Gam Eri	2.9500	3200.0	106	38730	No
188	GOM_NL__2PRFIN20090727_195727_000000432081_00099_38730_3723.N1	27-JUL-2009 19:57:27	Dark	43.000	157	The1Eri	2.9060	9300.0	86	38730	No
189	GOM_NL__2PRFIN20090727_200734_000000542081_00100_38731_3715.N1	27-JUL-2009 20:07:34	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	38731	No
190	GOM_NL__2PRFIN20090727_201333_000000512081_00100_38731_3716.N1	27-JUL-2009 20:13:33	Straylight	51.000	31	Alp Gru	1.7340	15200.	102	38731	No
191	GOM_NL__2PRFIN20090727_201644_000000452081_00100_38731_3717.N1	27-JUL-2009 20:16:44	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	38731	No
192	GOM_NL__2PRFIN20090727_203312_000000572081_00100_38731_3718.N1	27-JUL-2009 20:33:12	Bright	57.000	11	53Alp Aql	0.76500	8000.0	114	38731	No
193	GOM_NL__2PRFIN20090727_204221_000000462081_00100_38731_3719.N1	27-JUL-2009 20:42:21	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	38731	No
194	GOM_NL__2PRFIN20090727_204356_000000362081_00100_38731_3720.N1	27-JUL-2009 20:43:56	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	38731	No
195	GOM_NL__2PRFIN20090727_204524_000000442081_00100_38731_3721.N1	27-JUL-2009 20:45:24	Bright	44.000	19	50Alp Cyg	1.2460	10500.	88	38731	No
196	GOM_NL__2PRFIN20090727_205044_000000382081_00100_38731_3722.N1	27-JUL-2009 20:50:44	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	38731	No
197	GOM_NL__2PRFIN20090727_205733_000000502081_00100_38731_3723.N1	27-JUL-2009 20:57:33	Bright	49.500	74	11Bet Cas	2.2680	6600.0	99	38731	No
198	GOM_NL__2PRFIN20090727_205923_000000562081_00100_38731_3724.N1	27-JUL-2009 20:59:23	Bright	56.000	76	27Gam Cas	2.3000	30000.	112	38731	No
199	GOM_NL__2PRFIN20090727_210525_000000452081_00100_38731_3725.N1	27-JUL-2009 21:05:25	Bright	45.000	160	23Gam Per	2.9300	4700.0	90	38731	No
200	GOM_NL__2PRFIN20090727_210700_000000632081_00100_38731_3726.N1	27-JUL-2009 21:07:00	Bright	62.500	35	33Alp Per	1.7950	6250.0	125	38731	No
201	GOM_NL__2PRFIN20090727_211010_000000552081_00100_38731_3727.N1	27-JUL-2009 21:10:10	Bright	54.500	79	26Bet Per	2.3100	13100.	109	38731	No
202	GOM_NL__2PRFIN20090727_211339_000000522081_00100_38731_3728.N1	27-JUL-2009 21:13:39	Tw_i_and_stray	52.000	150	44Zet Per	2.8900	28000.	104	38731	No
203	GOM_NL__2PRFIN20090727_211639_000000562081_00100_38731_3729.N1	27-JUL-2009 21:16:39	Dark	55.500	146	25Eta Tau	2.8730	15200.	111	38731	No
204	GOM_NL__2PRFIN20090727_211814_000000592081_00100_38731_3730.N1	27-JUL-2009 21:18:14	Dark	58.500	13	87Alp Tau	0.86700	3800.0	117	38731	No
205	GOM_NL__2PRFIN20090727_212842_000000522081_00100_38731_3731.N1	27-JUL-2009 21:28:42	Dark	51.500	165	34Gam Eri	2.9500	3200.0	103	38731	No
206	GOM_NL__2PRFIN20090727_213803_000000452081_00100_38731_3732.N1	27-JUL-2009 21:38:03	Dark	45.000	157	The1Eri	2.9060	9300.0	90	38731	No
207	GOM_NL__2PRFIN20090727_214811_000000562081_00101_38732_3830.N1	27-JUL-2009 21:48:11	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	38732	No
208	GOM_NL__2PRFIN20090727_215410_000000452081_00101_38732_3831.N1	27-JUL-2009 21:54:10	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	38732	No
209	GOM_NL__2PRFIN20090727_215720_000000472081_00101_38732_3832.N1	27-JUL-2009 21:57:20	Straylight	47.000	172	Gam Gru	3.0030	13100.	94	38732	No
210	GOM_NL__2PRFIN20090727_221347_000000382081_00101_38732_3833.N1	27-JUL-2009 22:13:47	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	38732	No
211	GOM_NL__2PRFIN20090727_222257_000000452081_00101_38732_3834.N1	27-JUL-2009 22:22:57	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	38732	No
212	GOM_NL__2PRFIN20090727_222432_000000392081_00101_38732_3835.N1	27-JUL-2009 22:24:32	Bright	39.000	144	18Del Cyg	2.8600	11000.	78	38732	No
213	GOM_NL__2PRFIN20090727_222559_000000442081_00101_38732_3836.N1	27-JUL-2009 22:25:59	Bright	44.000	19	50Alp Cyg	1.2460	10500.	88	38732	No
214	GOM_NL__2PRFIN20090727_223120_000000432081_00101_38732_3837.N1	27-JUL-2009 22:31:20	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38732	No
215	GOM_NL__2PRFIN20090727_223809_000000482081_00101_38732_3838.N1	27-JUL-2009 22:38:09	Bright	47.500	74	11Bet Cas	2.2680	6600.0	95	38732	No
216	GOM_NL__2PRFIN20090727_223958_000000502081_00101_38732_3839.N1	27-JUL-2009 22:39:58	Bright	50.000	76	27Gam Cas	2.3000	30000.	100	38732	No
217	GOM_NL__2PRFIN20090727_224601_000000622081_00101_38732_3840.N1	27-JUL-2009 22:46:01	Bright	62.000	160	23Gam Per	2.9300	4700.0	124	38732	No
218	GOM_NL__2PRFIN20090727_224735_000000472081_00101_38732_3841.N1	27-JUL-2009 22:47:35	Bright	46.500	35	33Alp Per	1.7950	6250.0	93	38732	No
219	GOM_NL__2PRFIN20090727_225046_000000582081_00101_38732_3842.N1	27-JUL-2009 22:50:46	Bright	58.000	79	26Bet Per	2.3100	13100.	116	38732	No

220	GOM_NL__2PRFIN20090727_225415_000000492081_00101_38732_3843.N1	27-JUL-2009 22:54:15	Twilight_stray	49.000	150	44Zet Per	2.8900	28000.	98	38732	No
221	GOM_NL__2PRFIN20090727_225850_000000512081_00101_38732_3844.N1	27-JUL-2009 22:58:50	Dark	51.000	13	87Alp Tau	0.86700	3800.0	102	38732	No
222	GOM_NL__2PRFIN20090727_230918_000000472081_00101_38732_3845.N1	27-JUL-2009 23:09:18	Dark	47.000	165	34Gam Eri	2.9500	3200.0	94	38732	No
223	GOM_NL__2PRFIN20090727_231840_000000462081_00101_38732_3846.N1	27-JUL-2009 23:18:40	Dark	45.500	157	The1Eri	2.9060	9300.0	91	38732	No
224	GOM_NL__2PRFIN20090727_232848_000000562081_00102_38733_3836.N1	27-JUL-2009 23:28:48	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	38733	No
225	GOM_NL__2PRFIN20090727_233446_000000552081_00102_38733_3837.N1	27-JUL-2009 23:34:46	Straylight	55.000	31	Alp Gru	1.7340	15200.	110	38733	No
226	GOM_NL__2PRFIN20090727_233757_000000472081_00102_38733_3838.N1	27-JUL-2009 23:37:57	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	38733	No
227	GOM_NL__2PRFIN20090727_235423_000000422081_00102_38733_3839.N1	27-JUL-2009 23:54:23	Bright	42.000	11	53Alp Aql	0.76500	8000.0	84	38733	No

3. Quality information per product

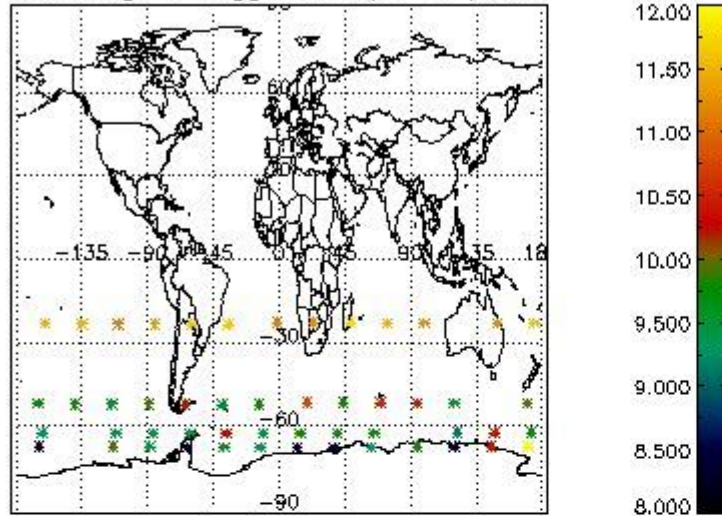
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

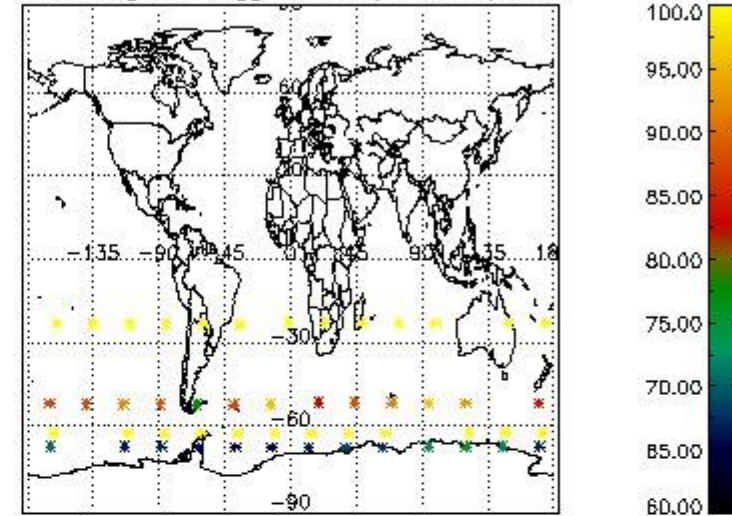


3.2 Plot quality information per product (world map)

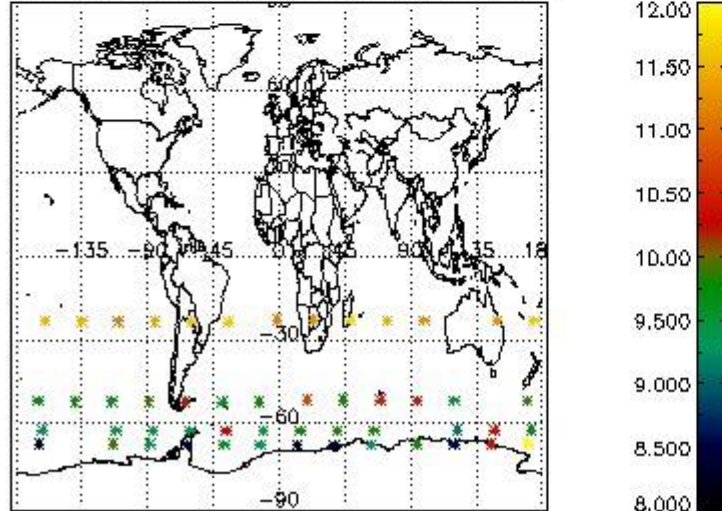
Percentage of flagged data per O3 profile



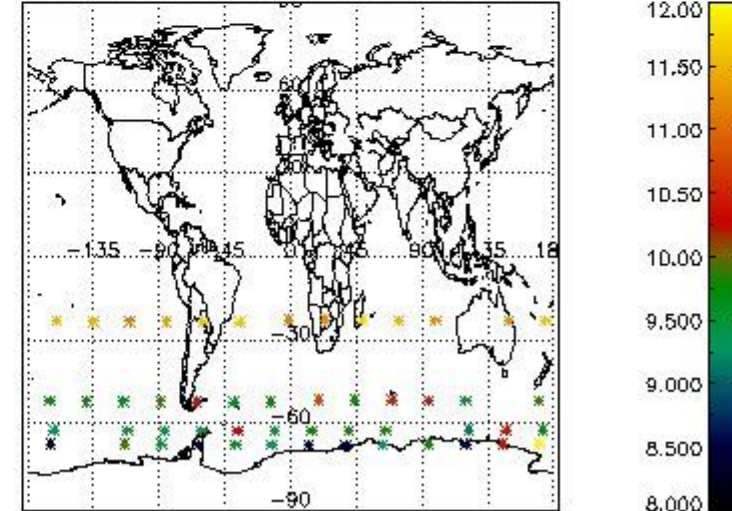
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

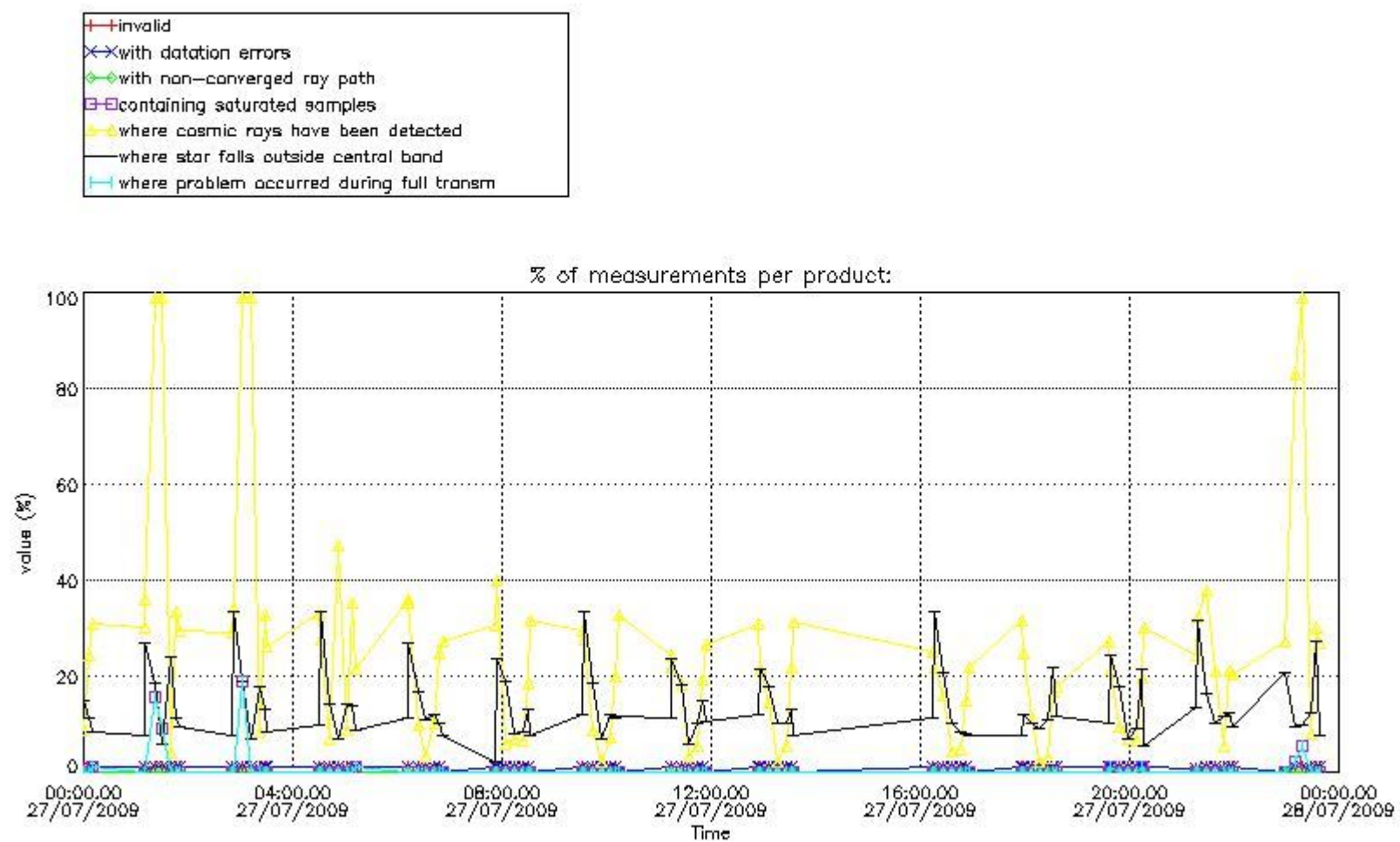


4. Level 1 quality information per product

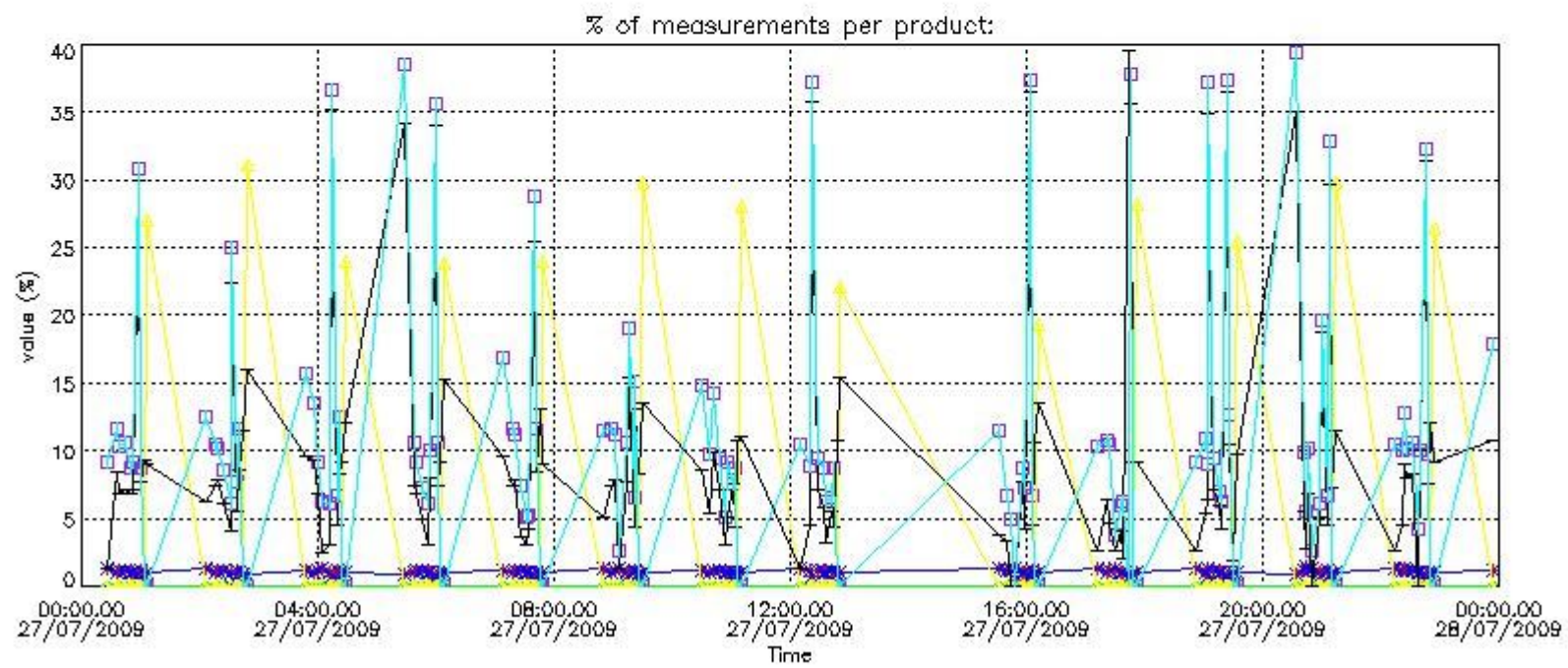
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



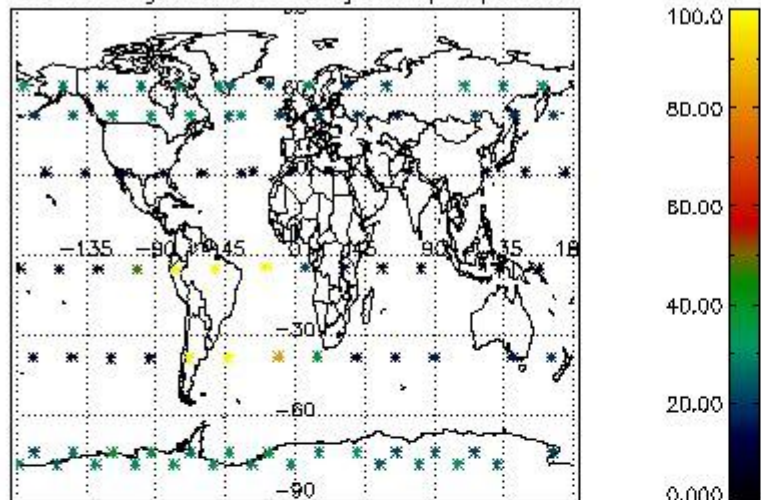
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



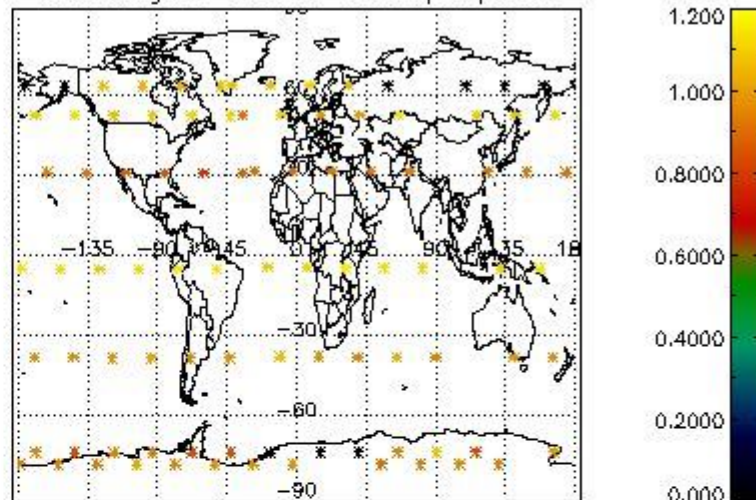
4.2 Plot quality information per product coming from level 1b processing (world map)

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

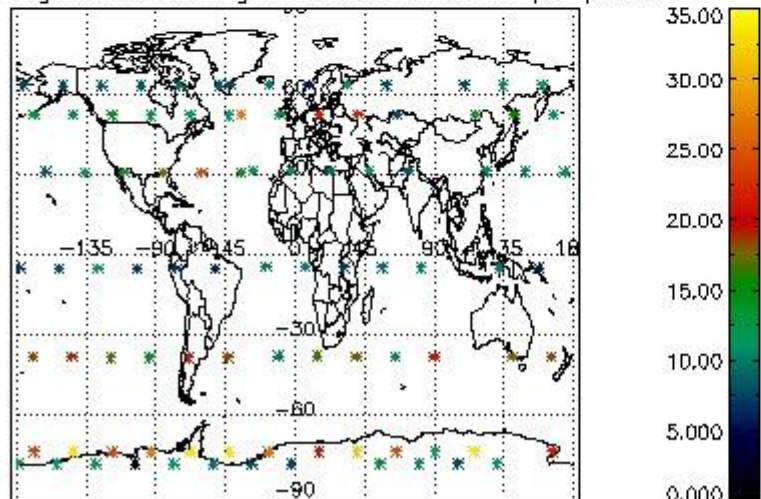
Percentage of cosmic ray hits per profile



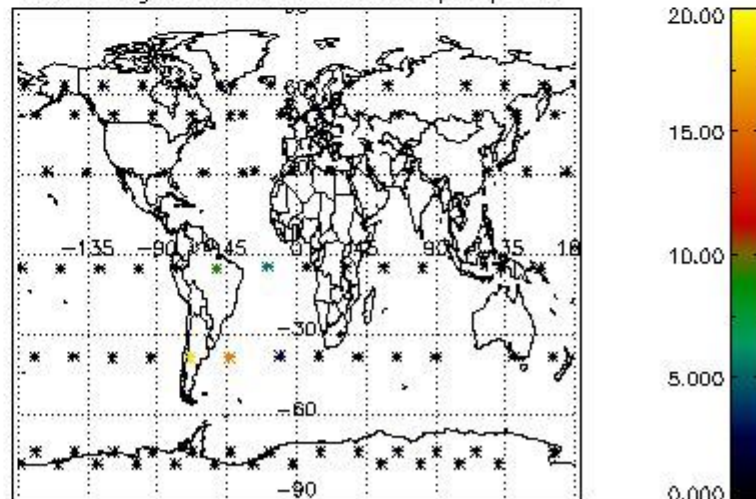
Percentage of datation errors per profile



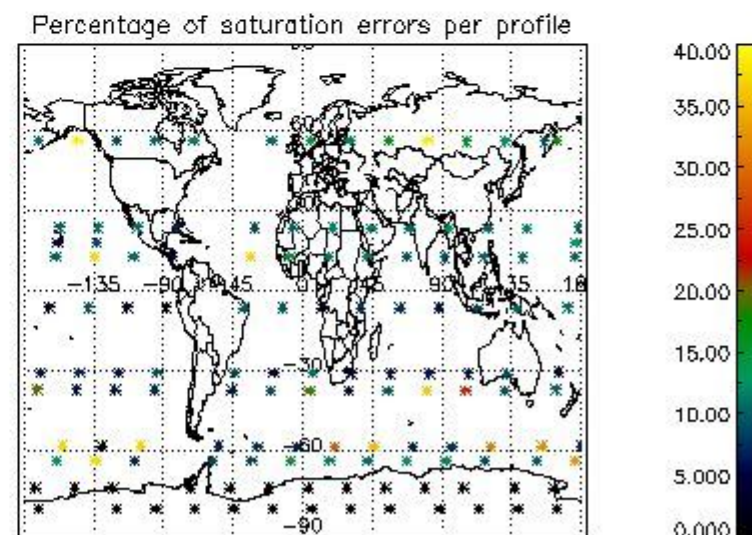
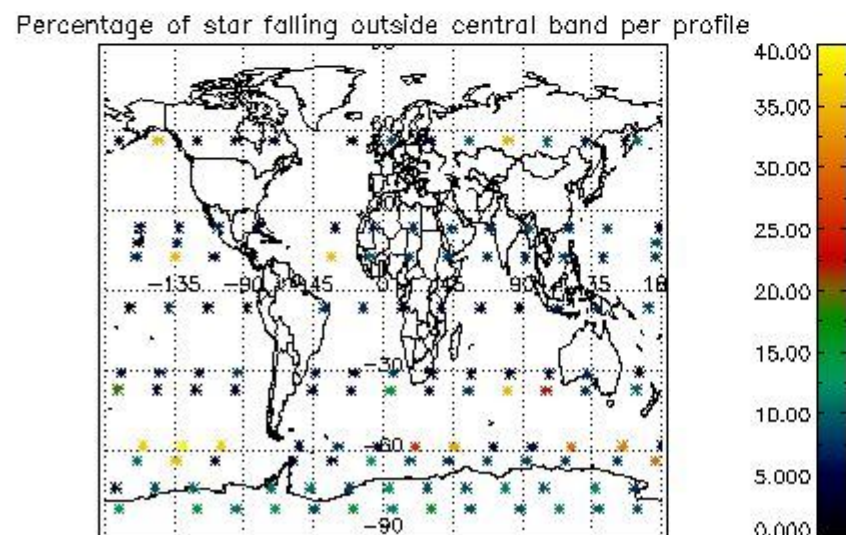
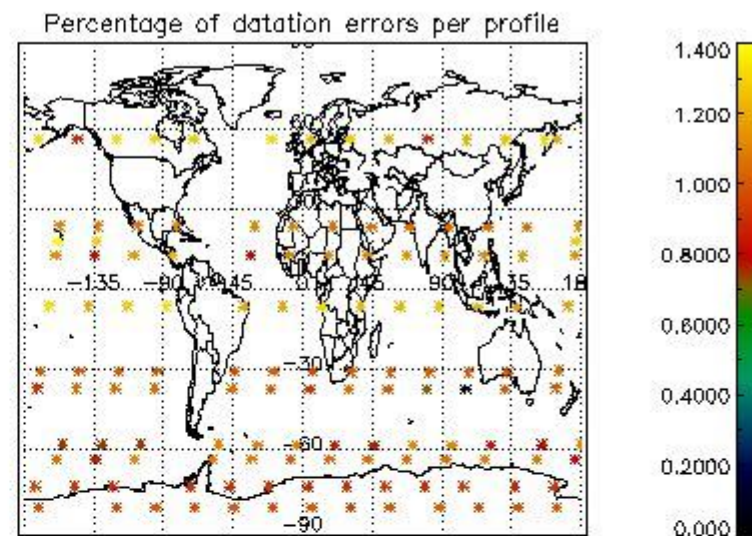
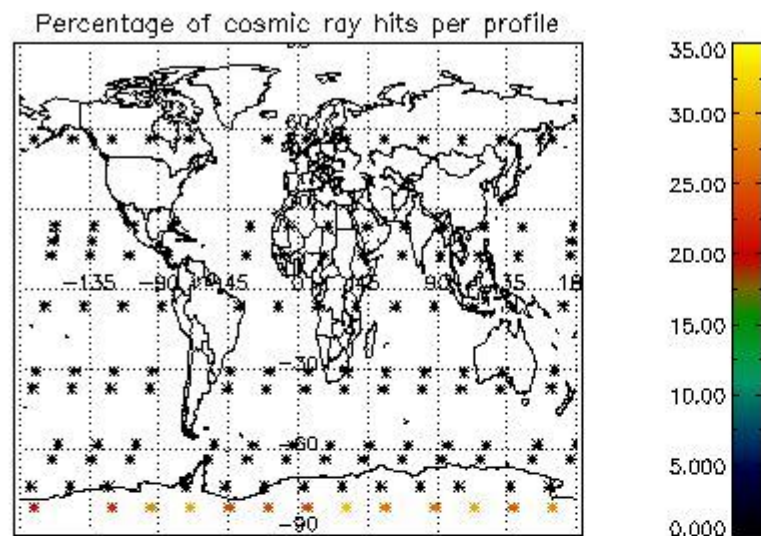
Percentage of star falling outside central band per profile



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

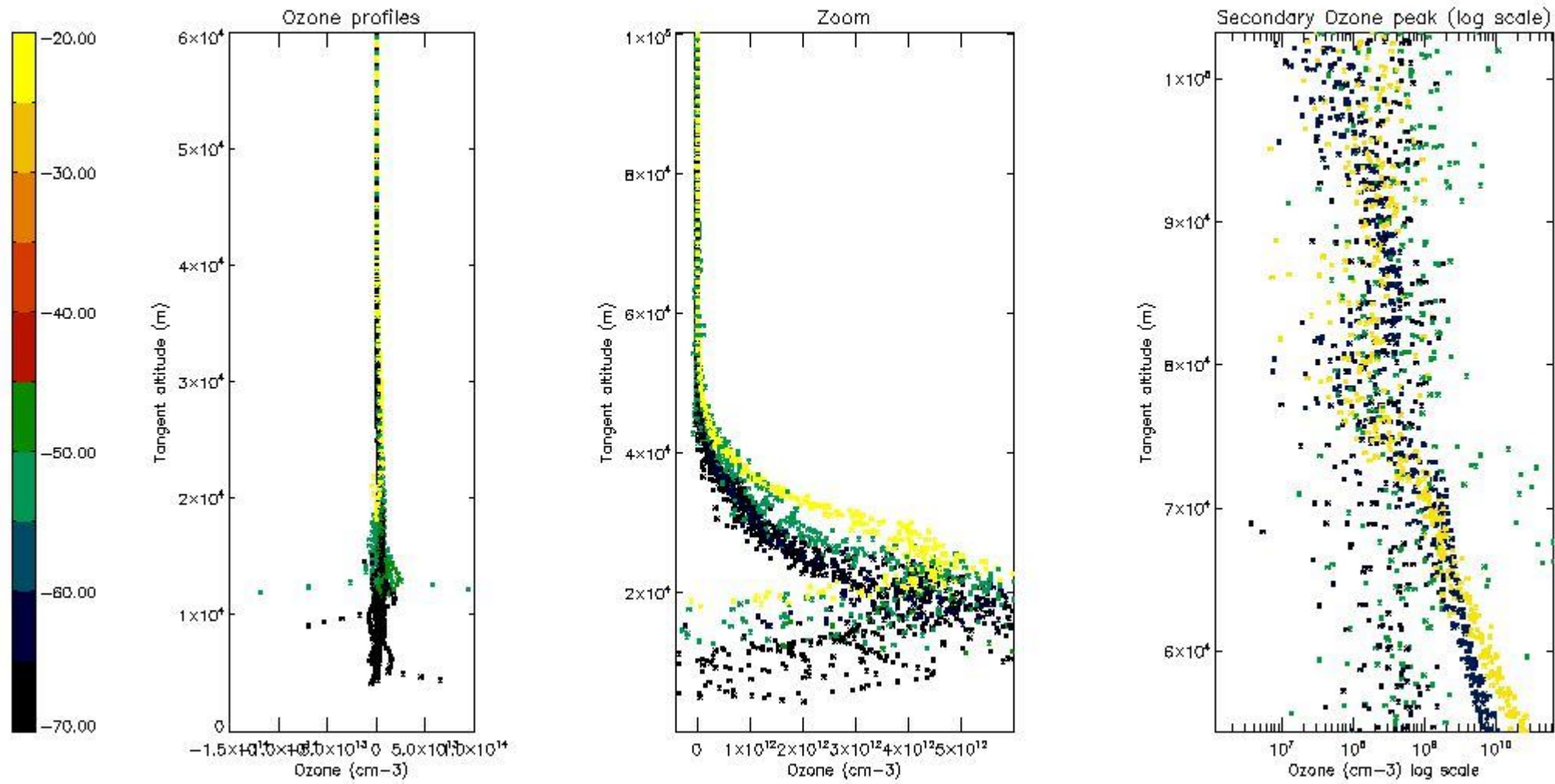
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	24
STD < 20	8

STD < 10	5
STD < 5	1

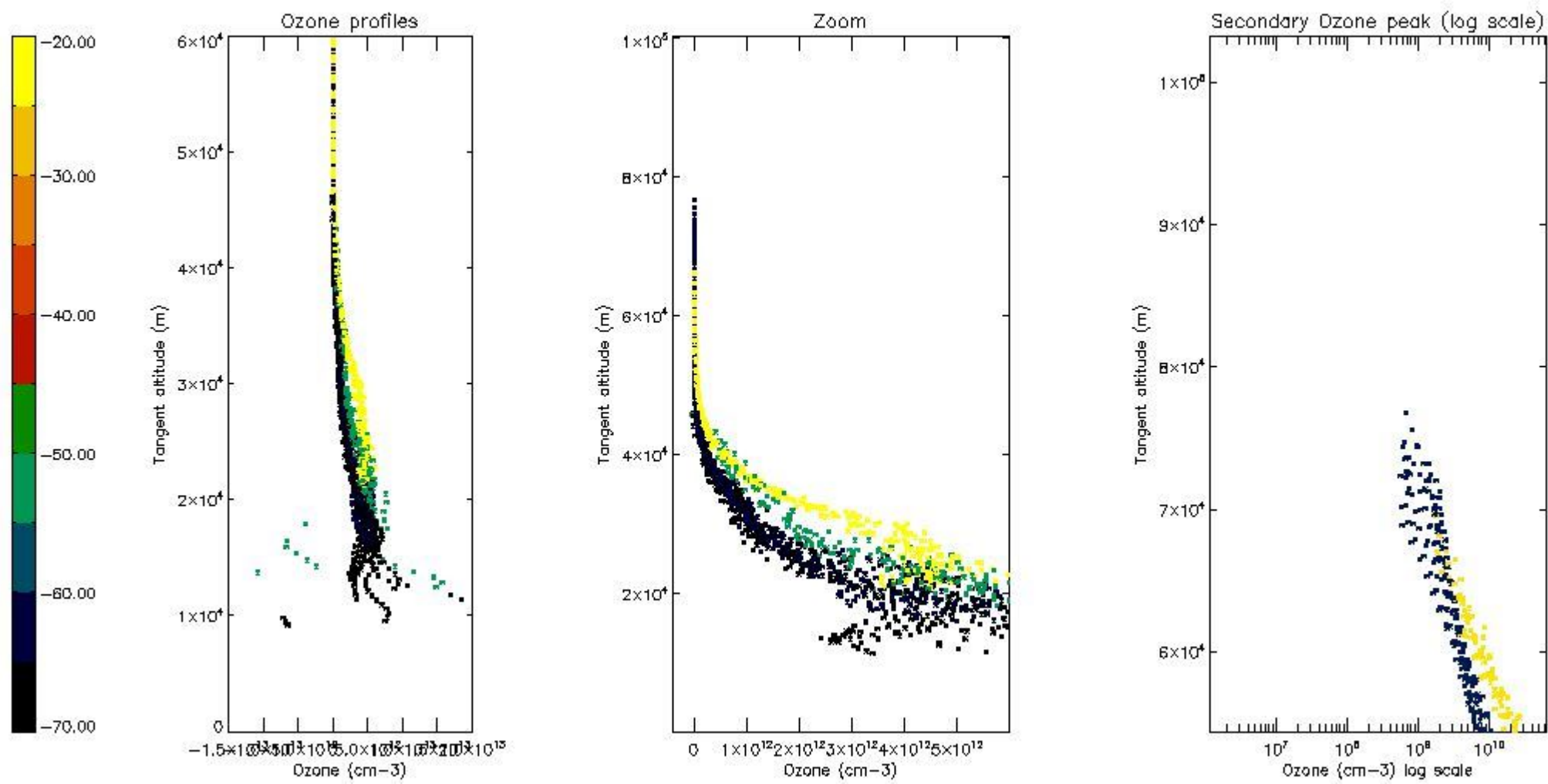
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



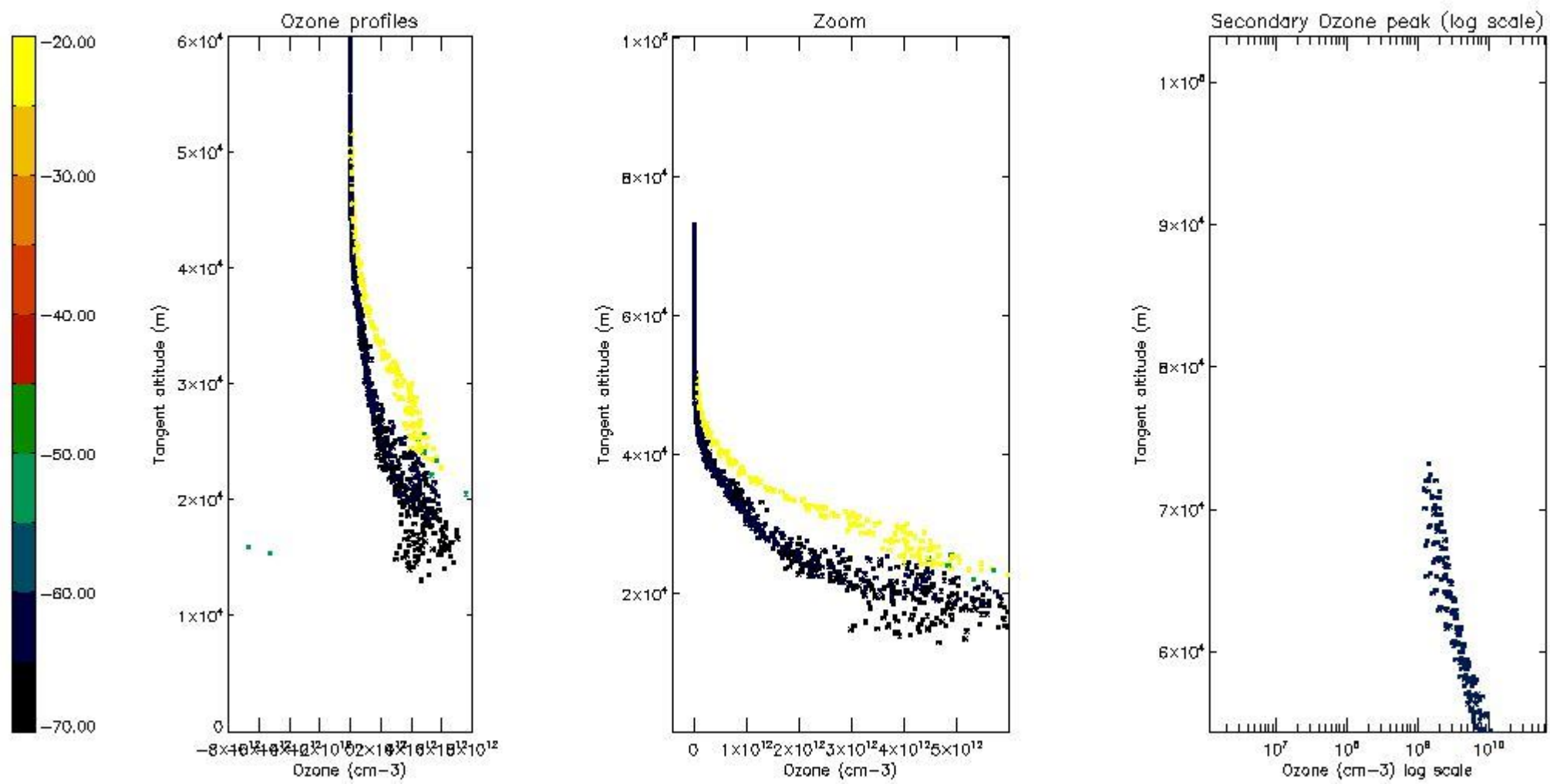
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



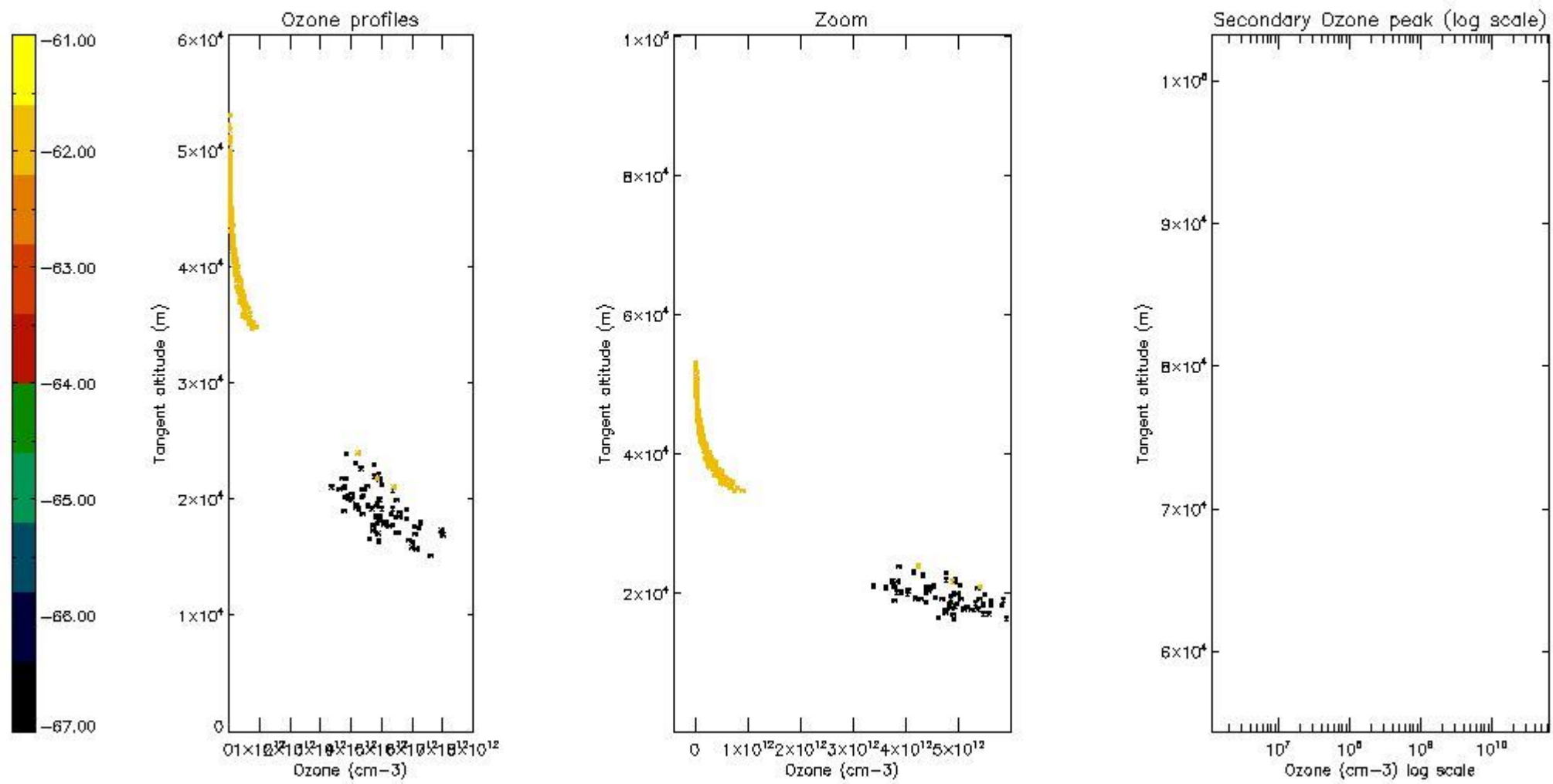
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



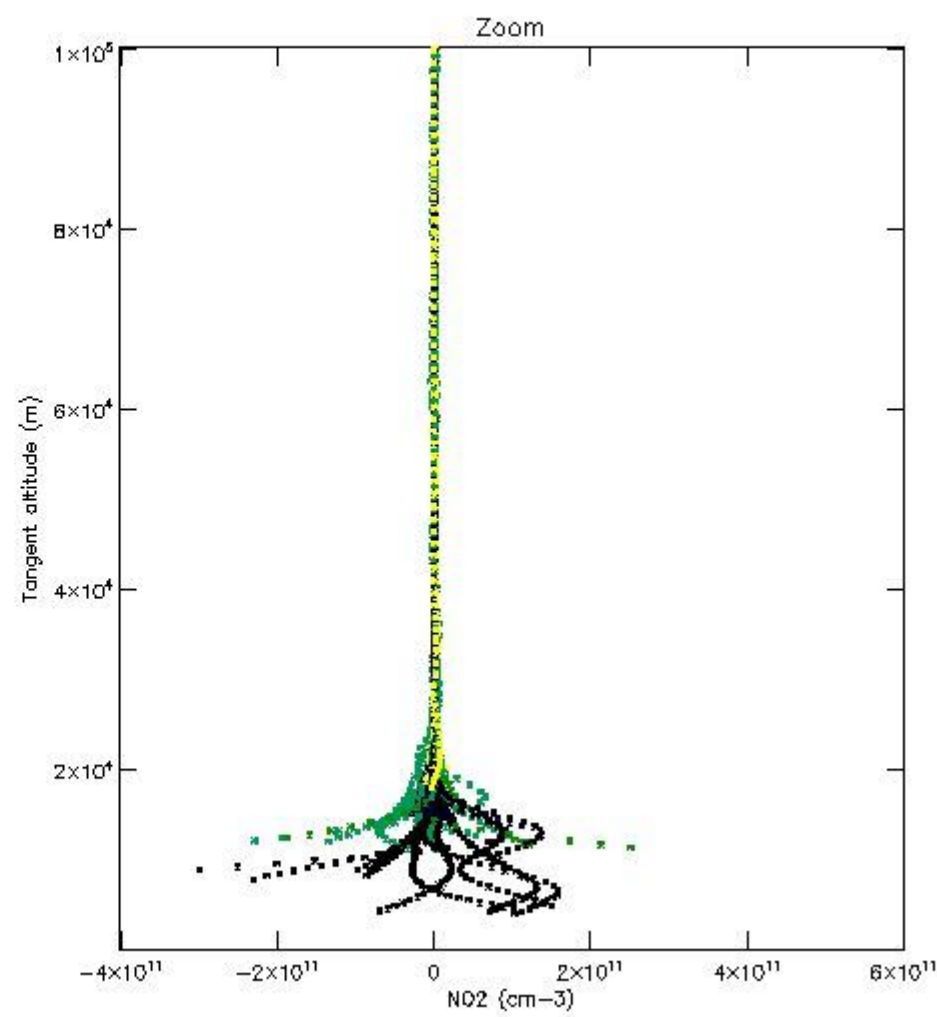
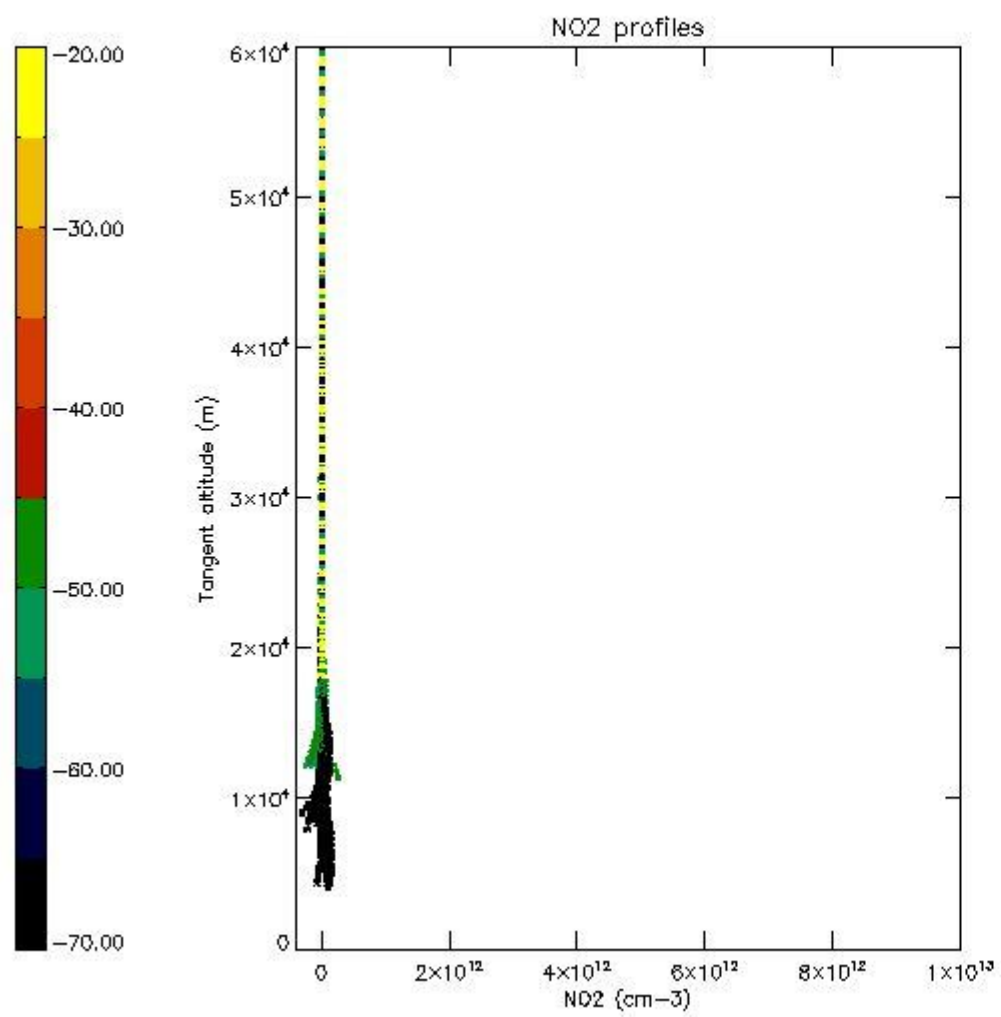
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



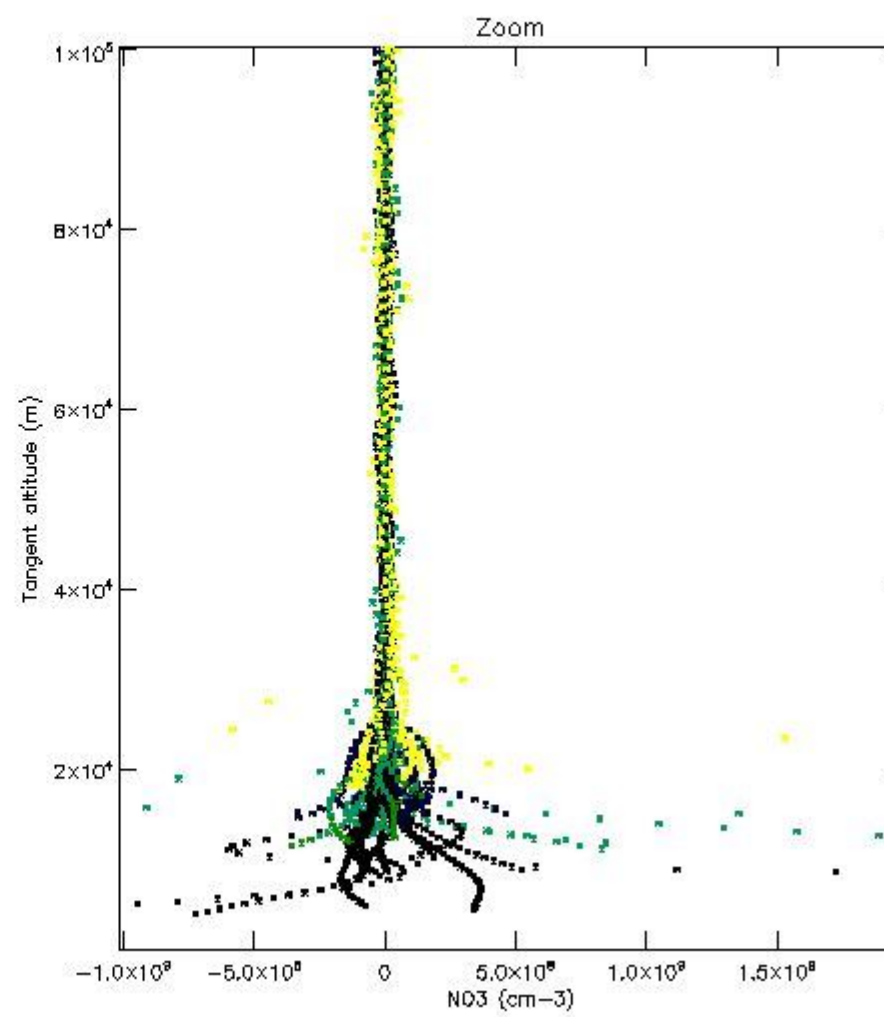
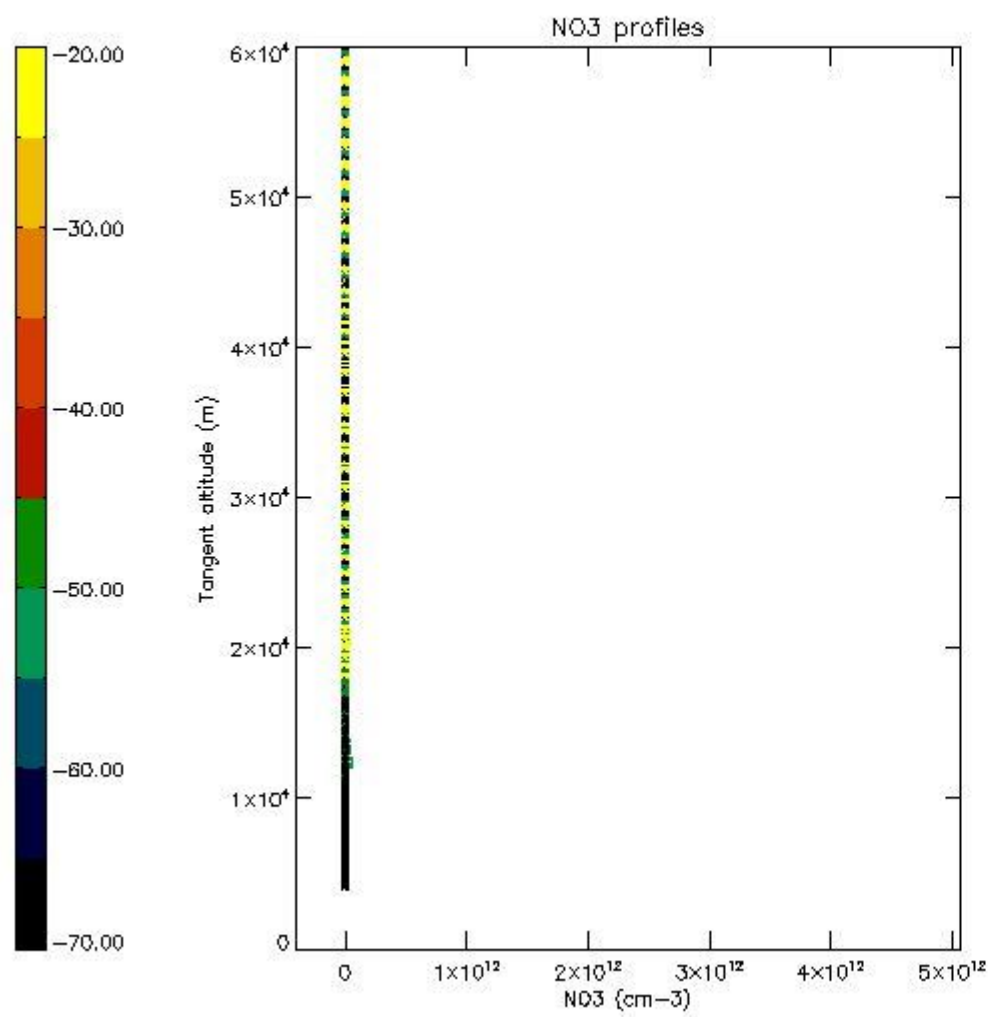
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



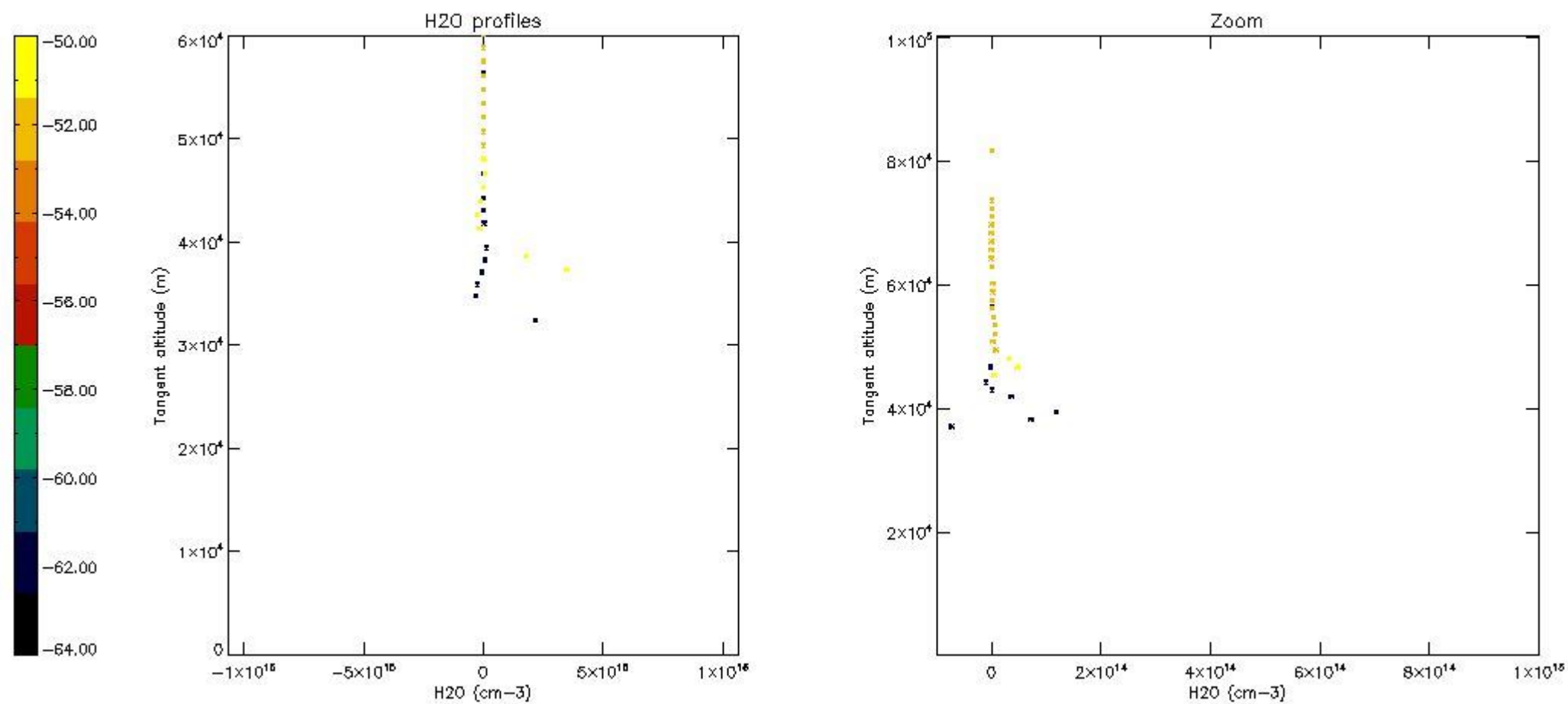
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

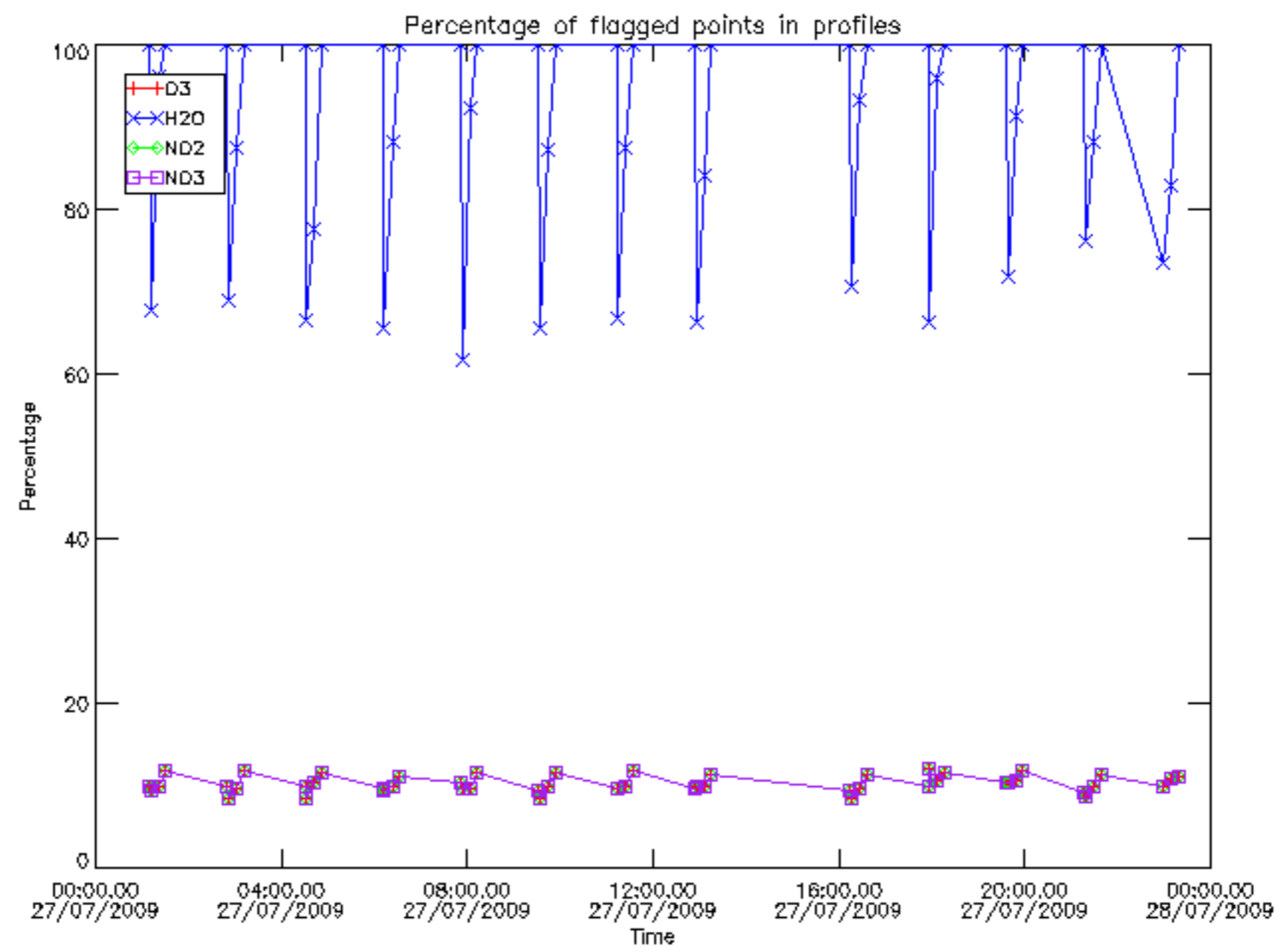
The colorbar represents the latitude.



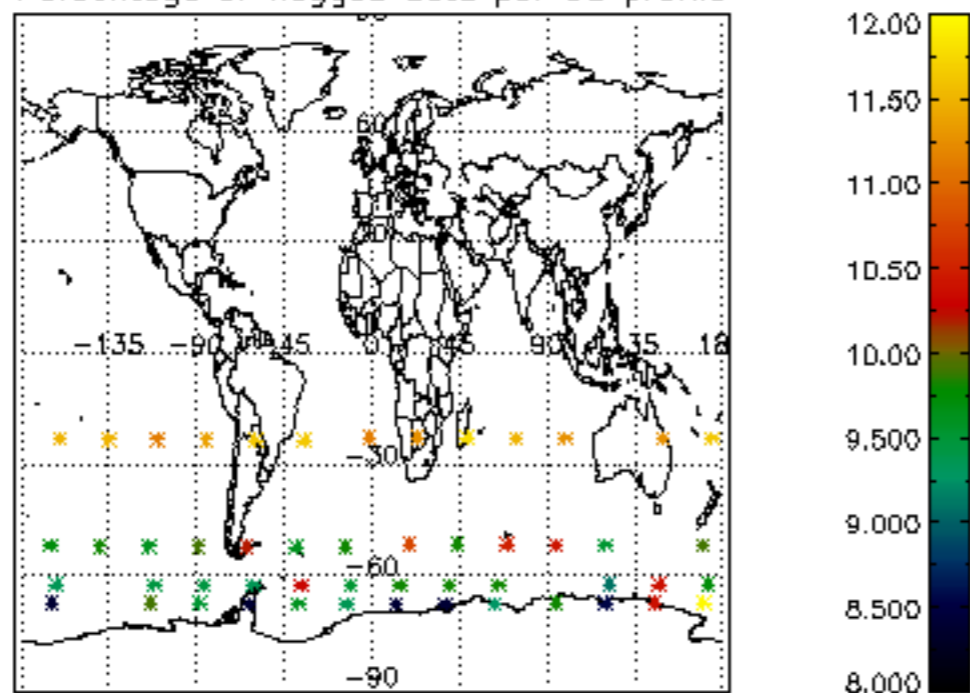
6. Auxiliary Data Files used for the production reported in section 2

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.

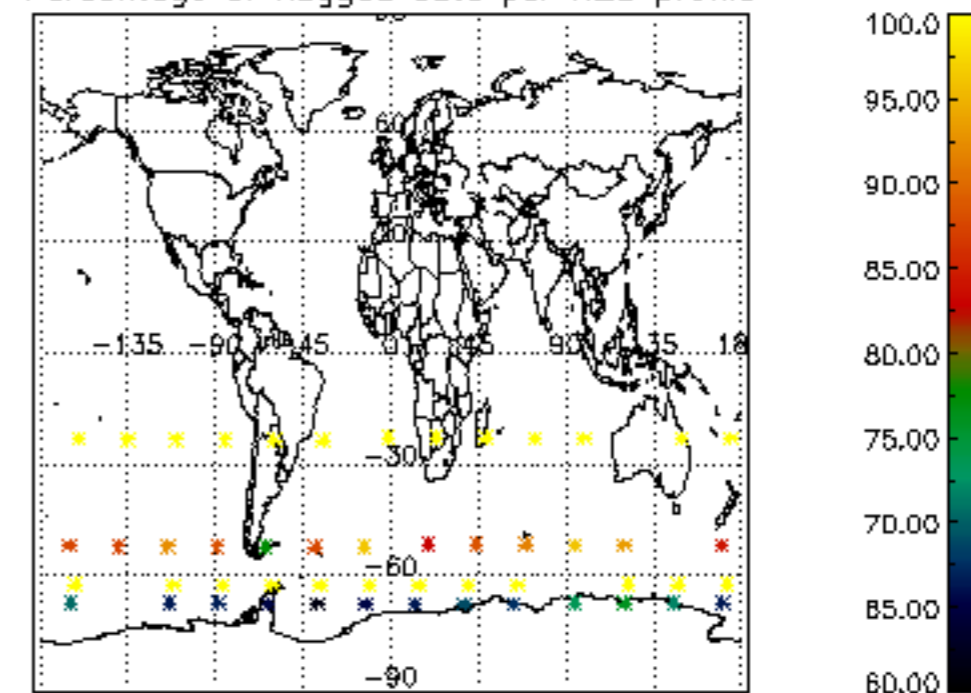
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	27-JUL-2009 00:00:09
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	27-JUL-2009 00:00:09
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	27-JUL-2009 00:00:09



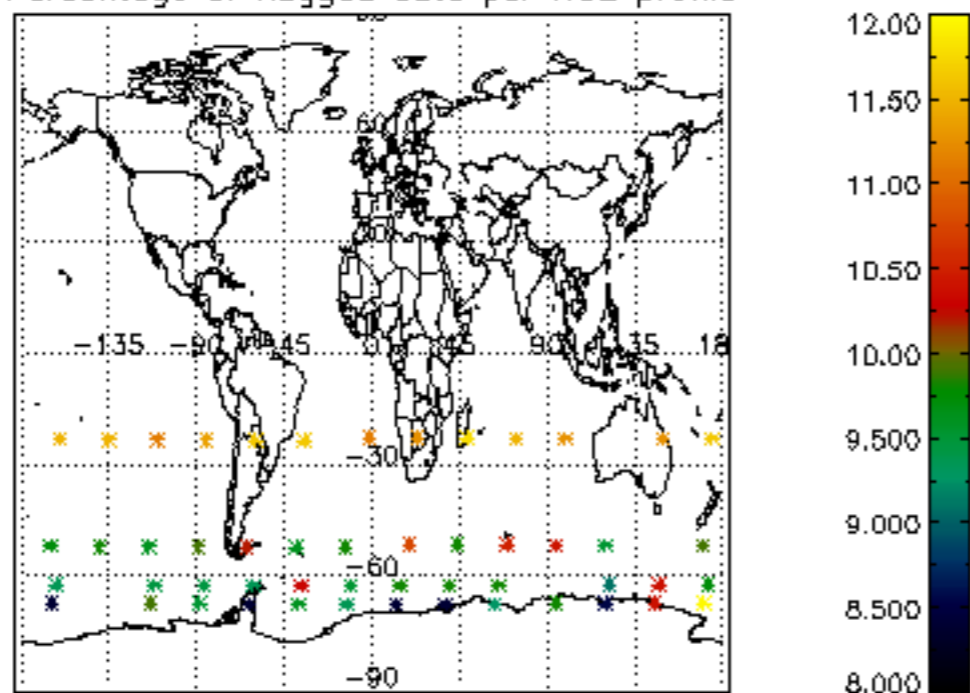
Percentage of flagged data per D3 profile



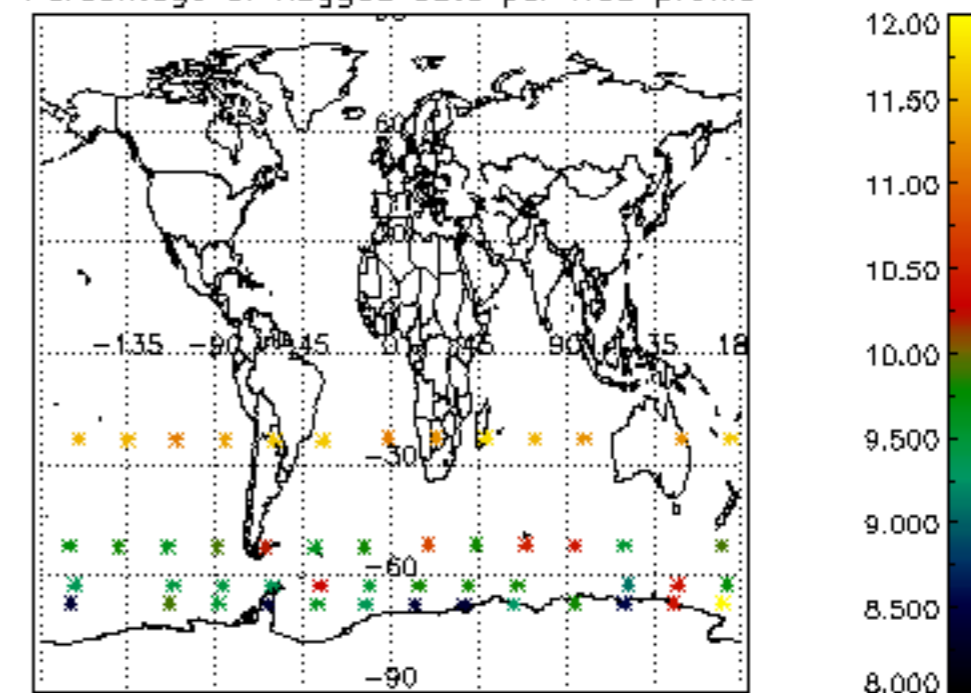
Percentage of flagged data per H2O profile

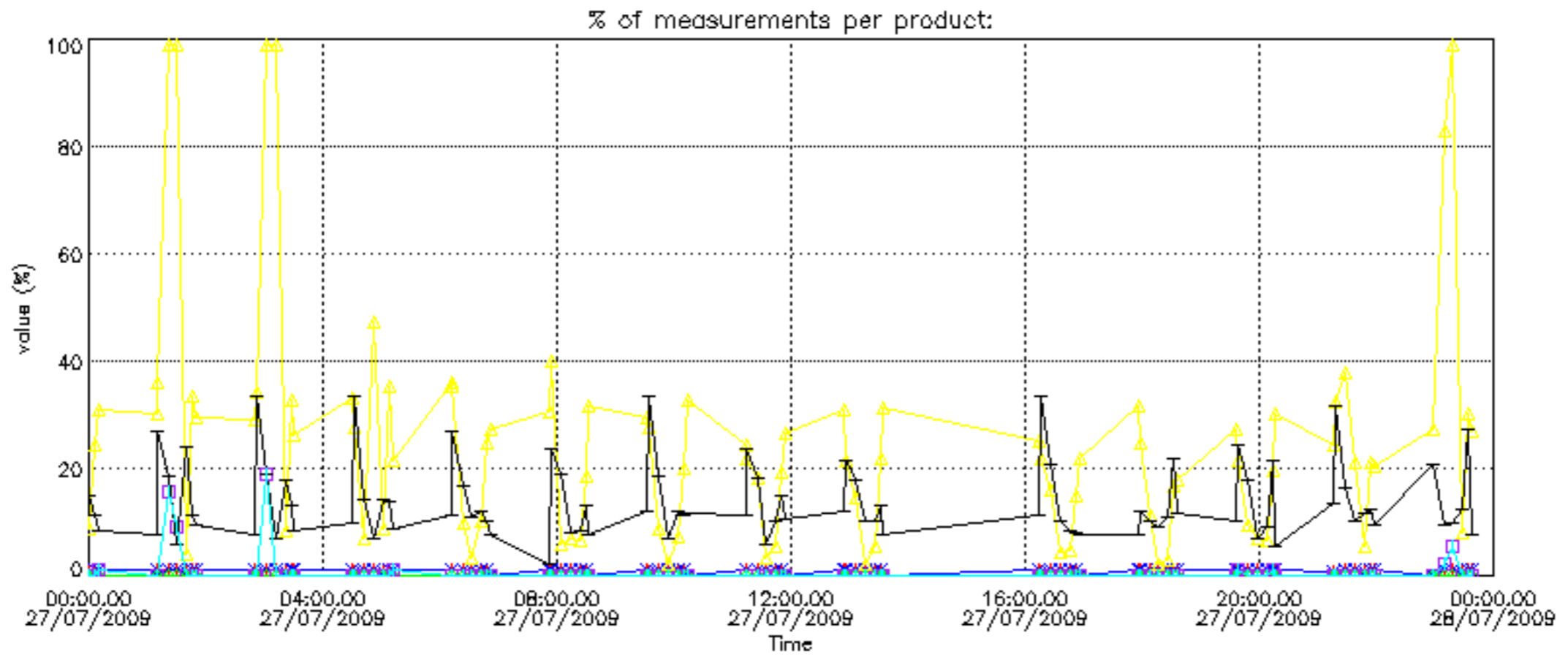


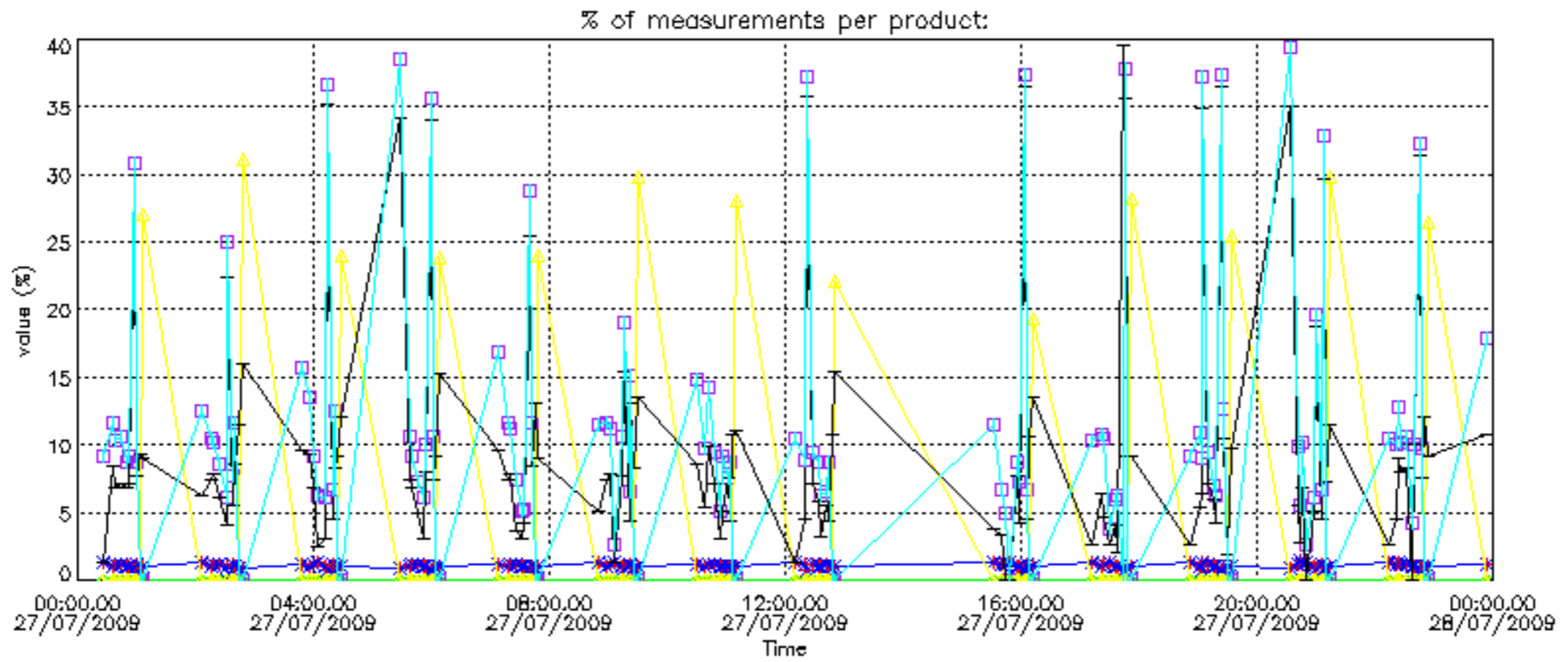
Percentage of flagged data per NO2 profile



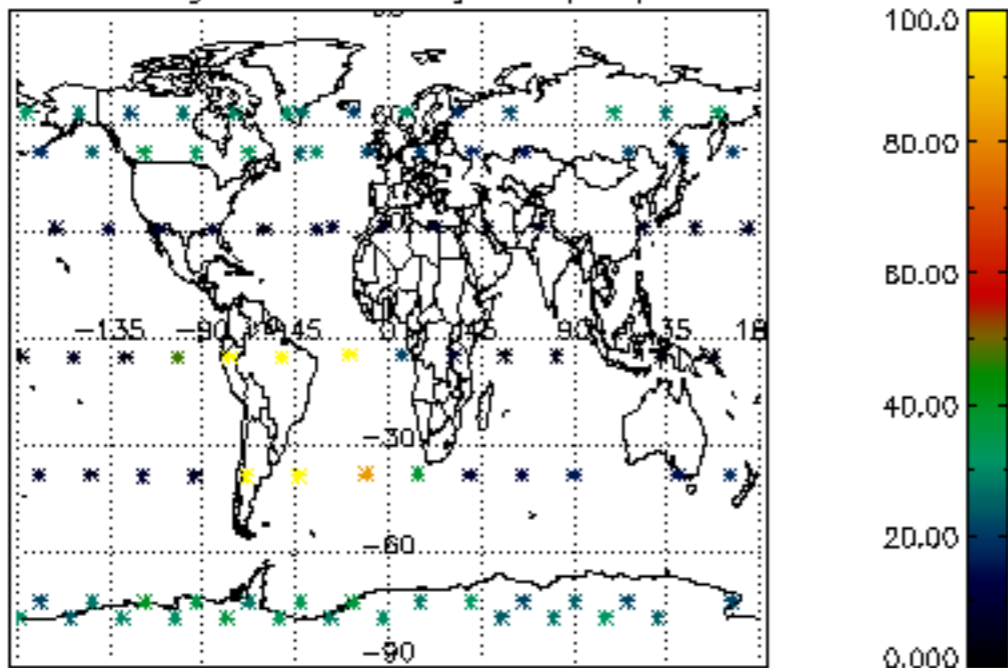
Percentage of flagged data per NO3 profile



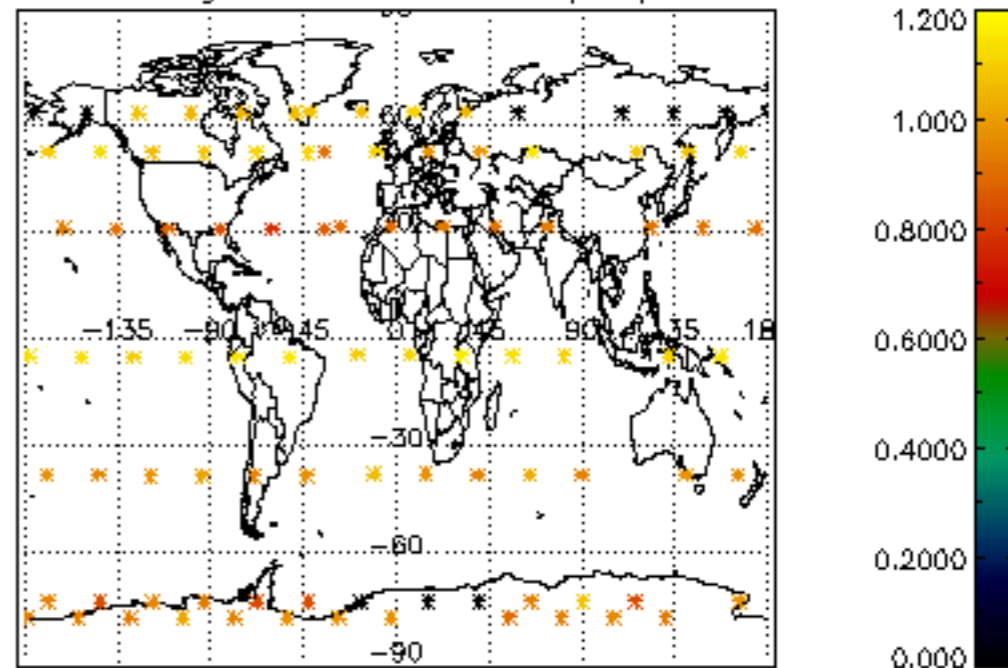




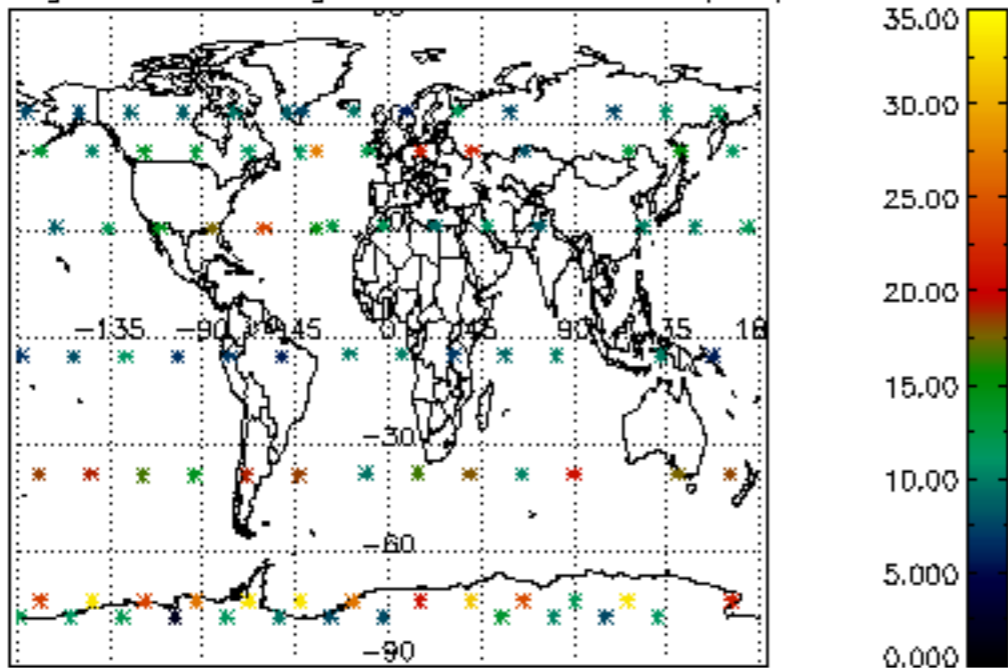
Percentage of cosmic ray hits per profile



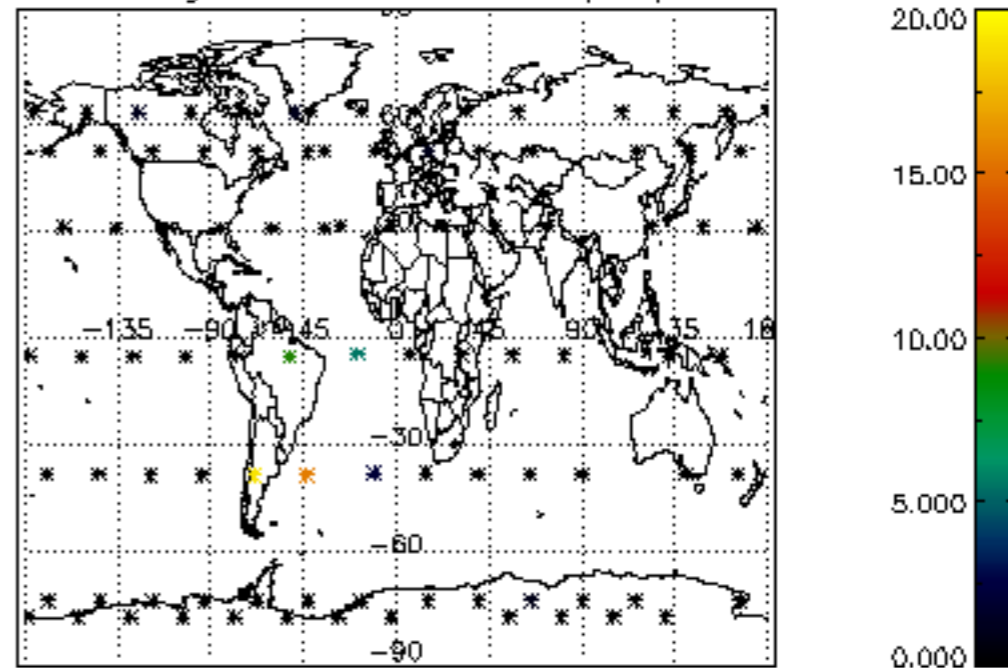
Percentage of datation errors per profile



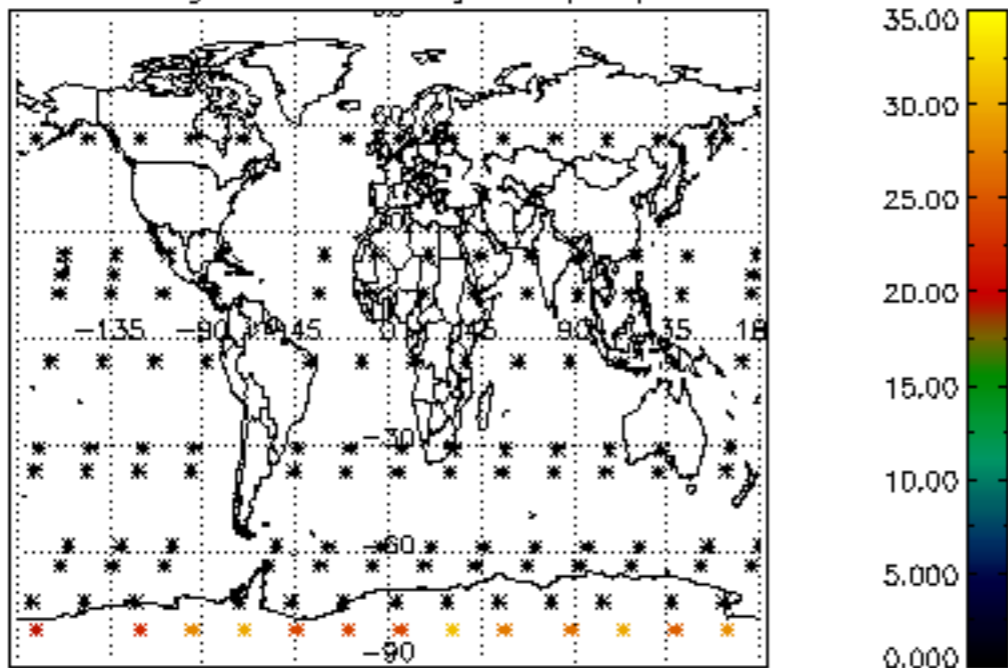
Percentage of star falling outside central band per profile



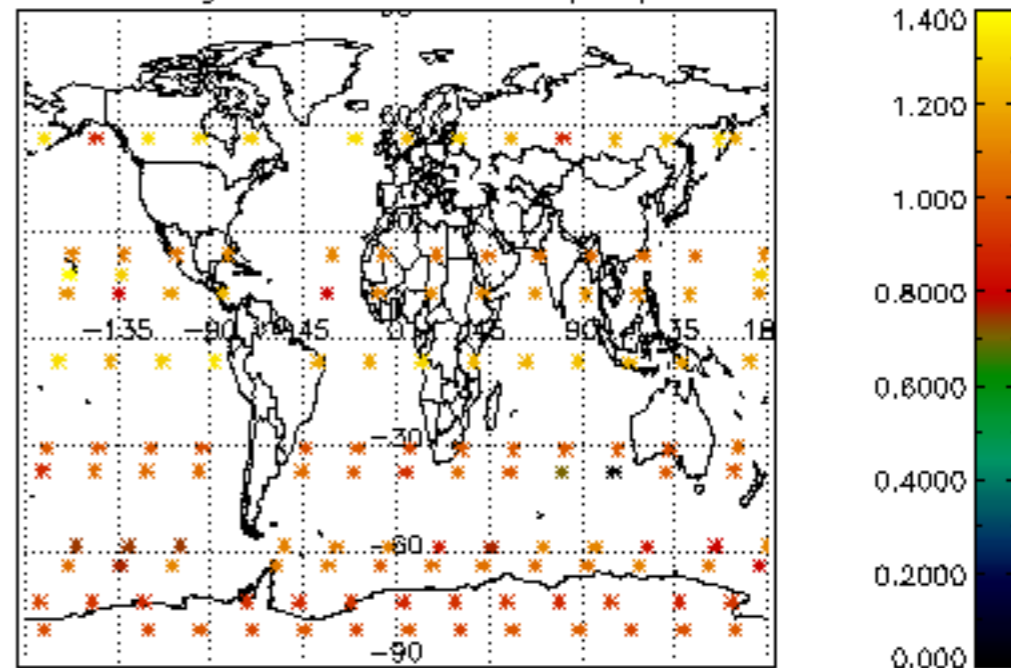
Percentage of saturation errors per profile



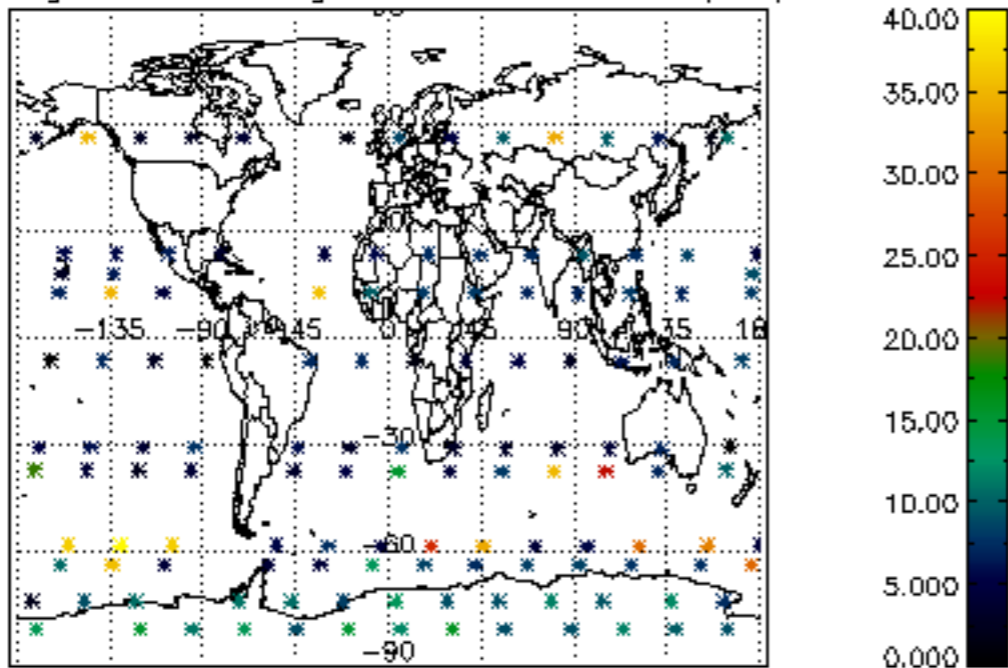
Percentage of cosmic ray hits per profile



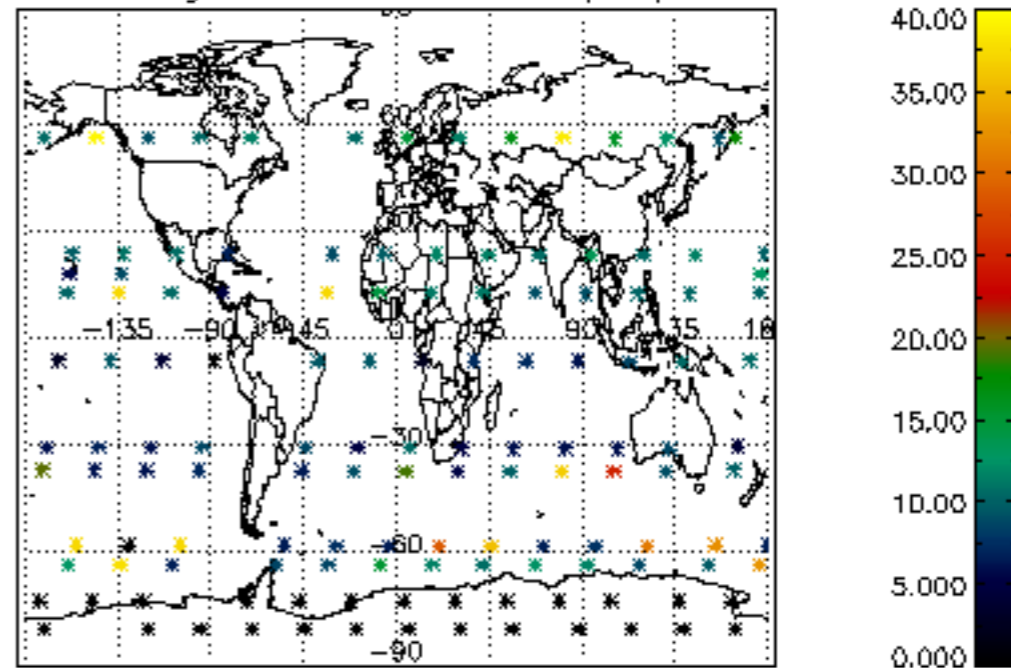
Percentage of datation errors per profile

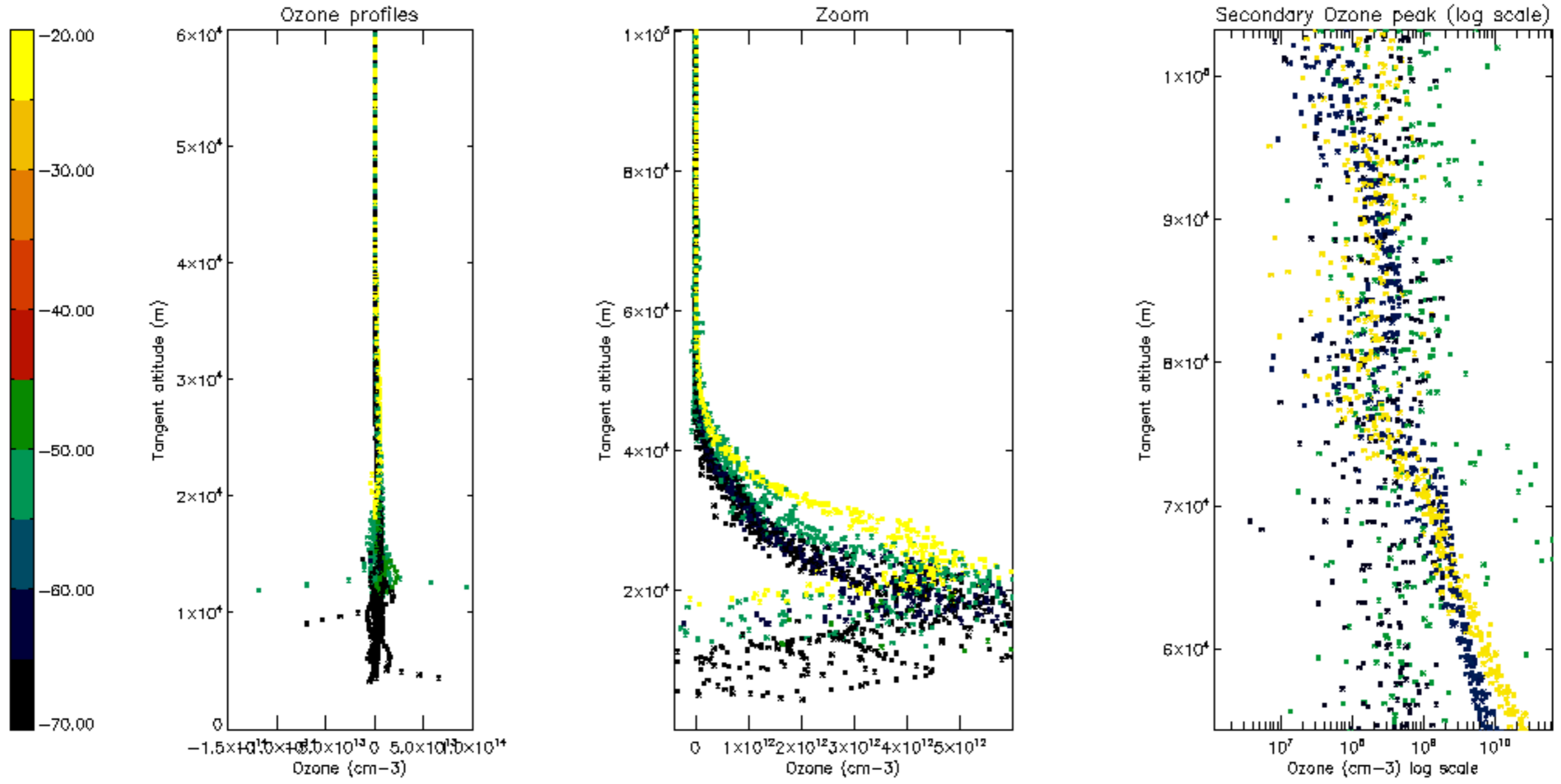


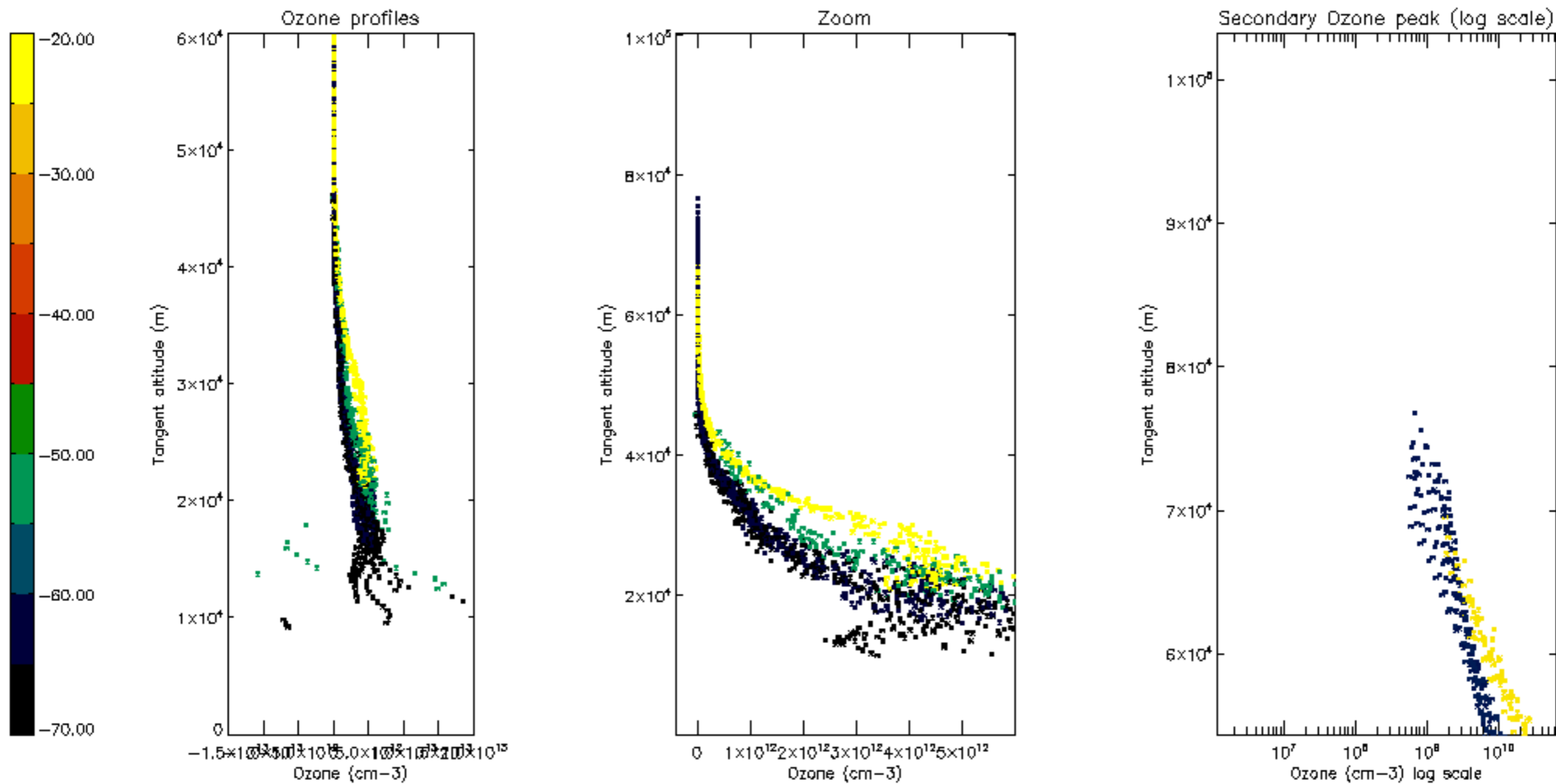
Percentage of star falling outside central band per profile

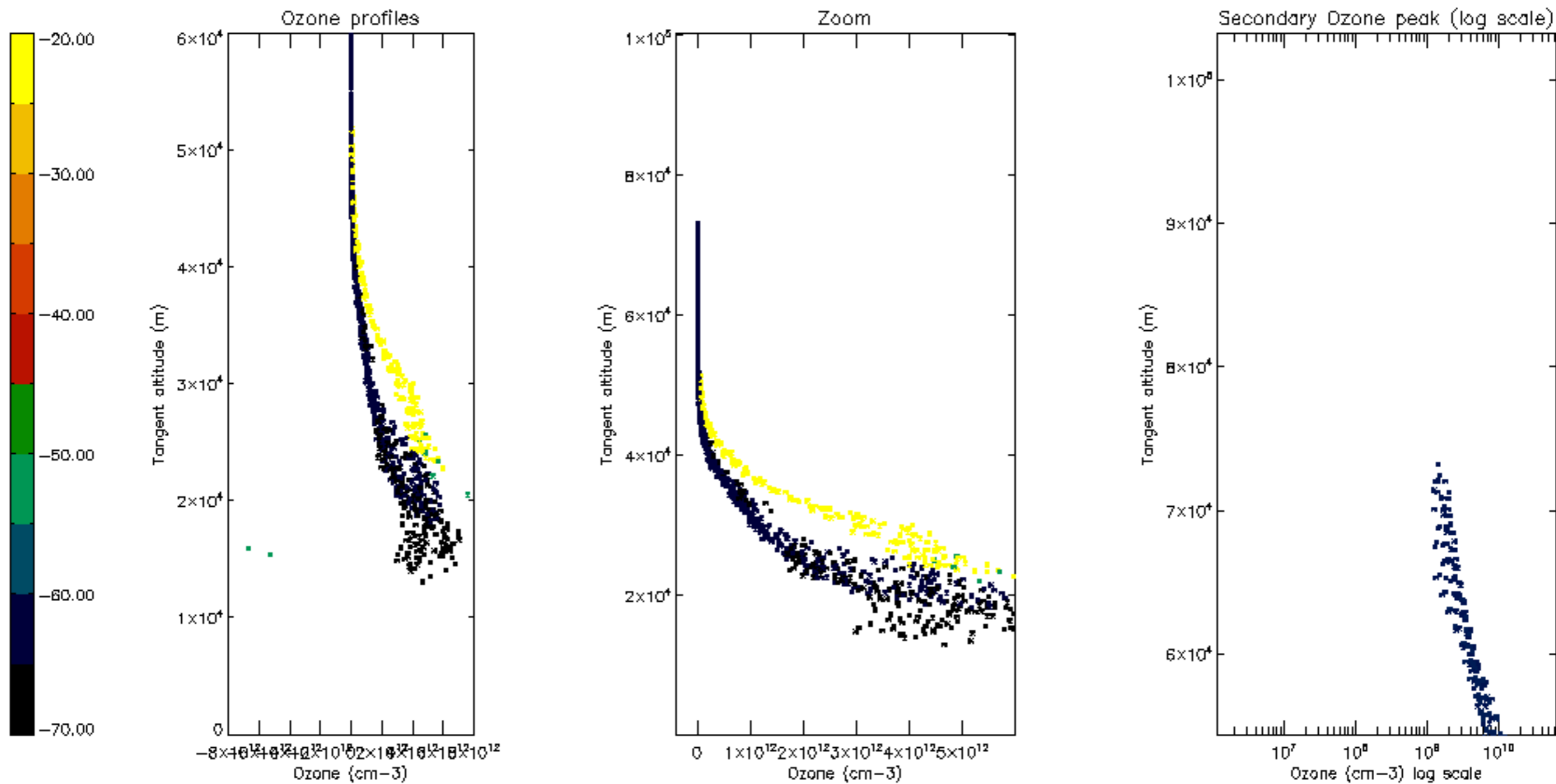


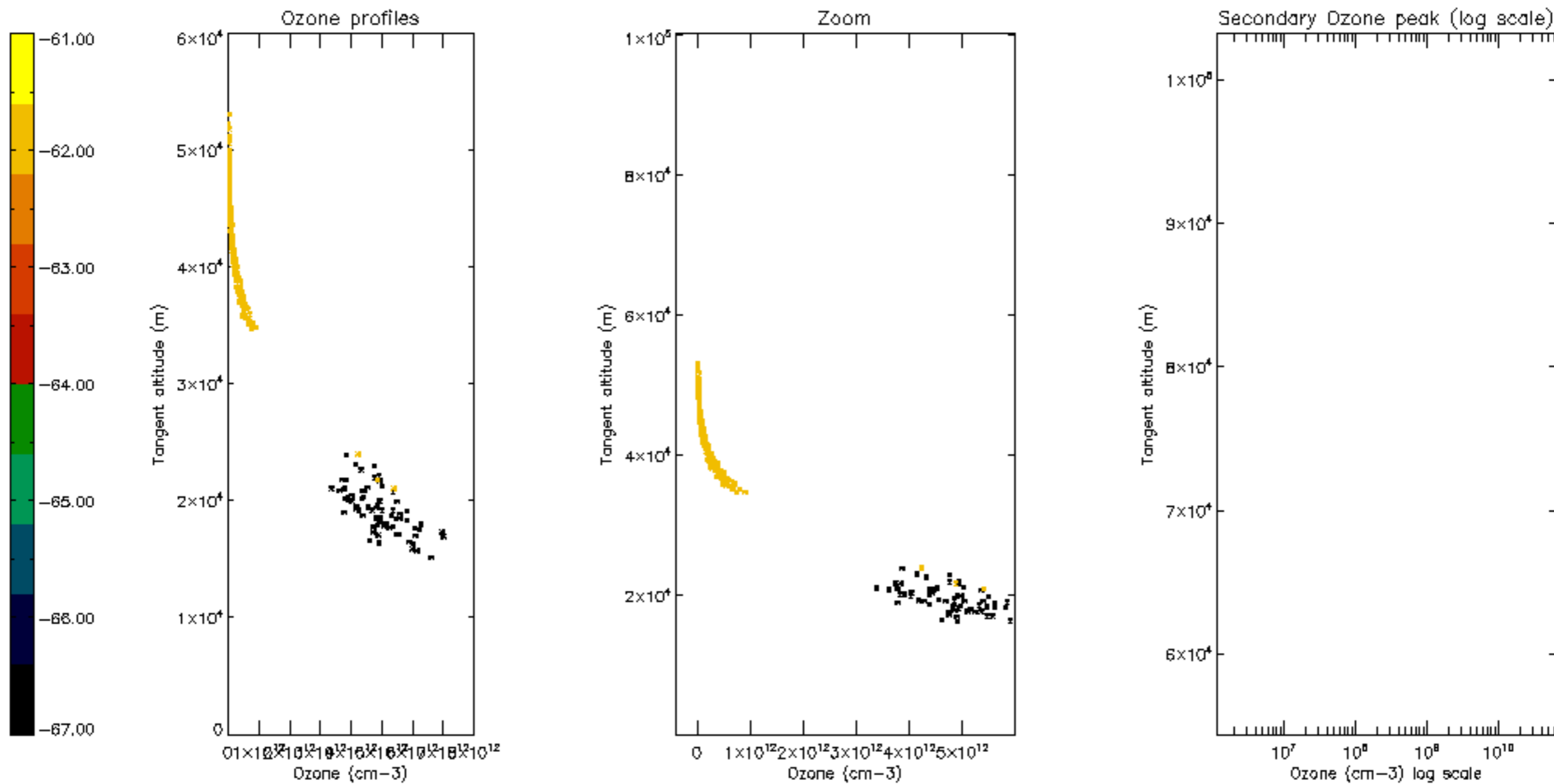
Percentage of saturation errors per profile

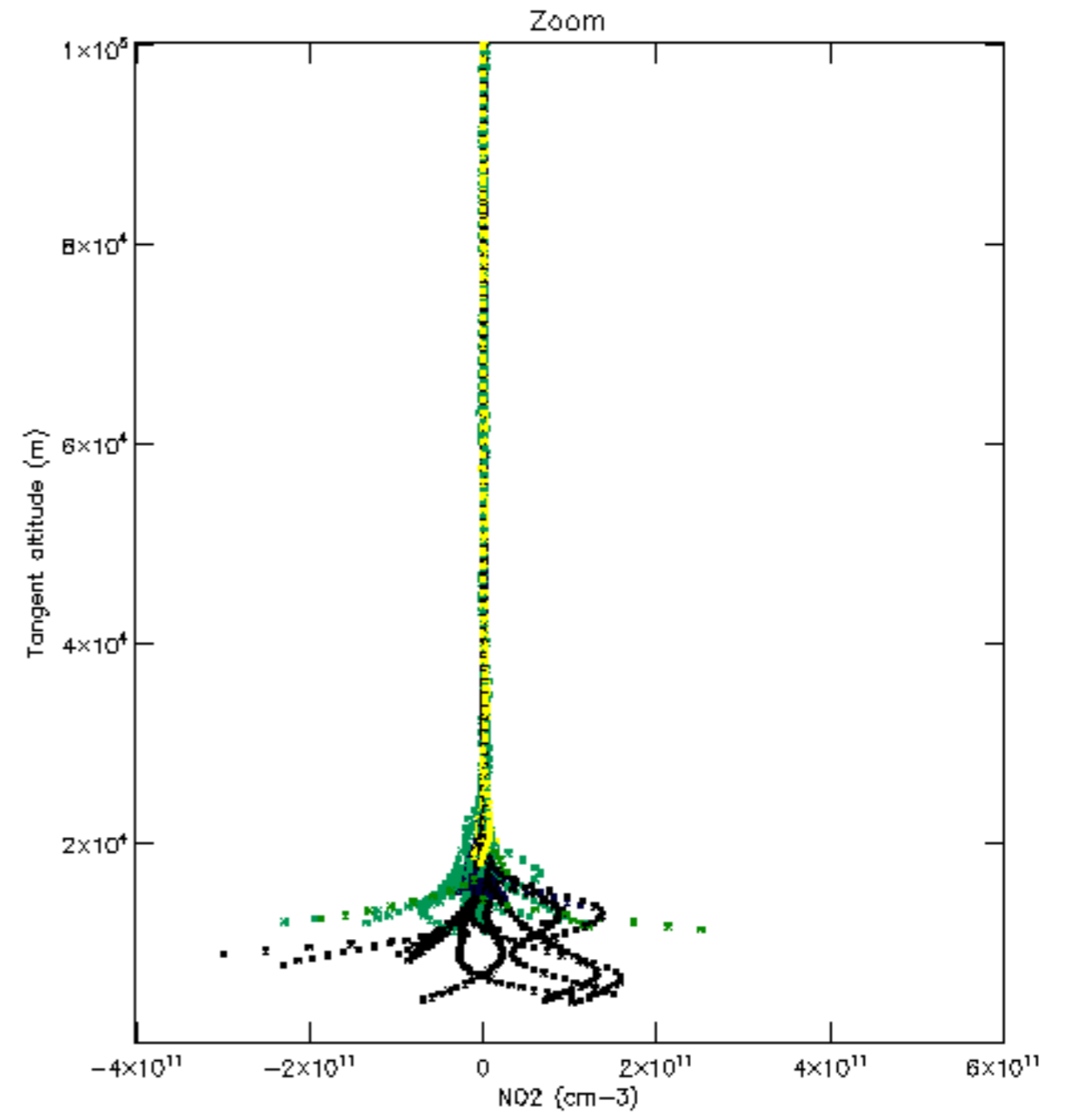
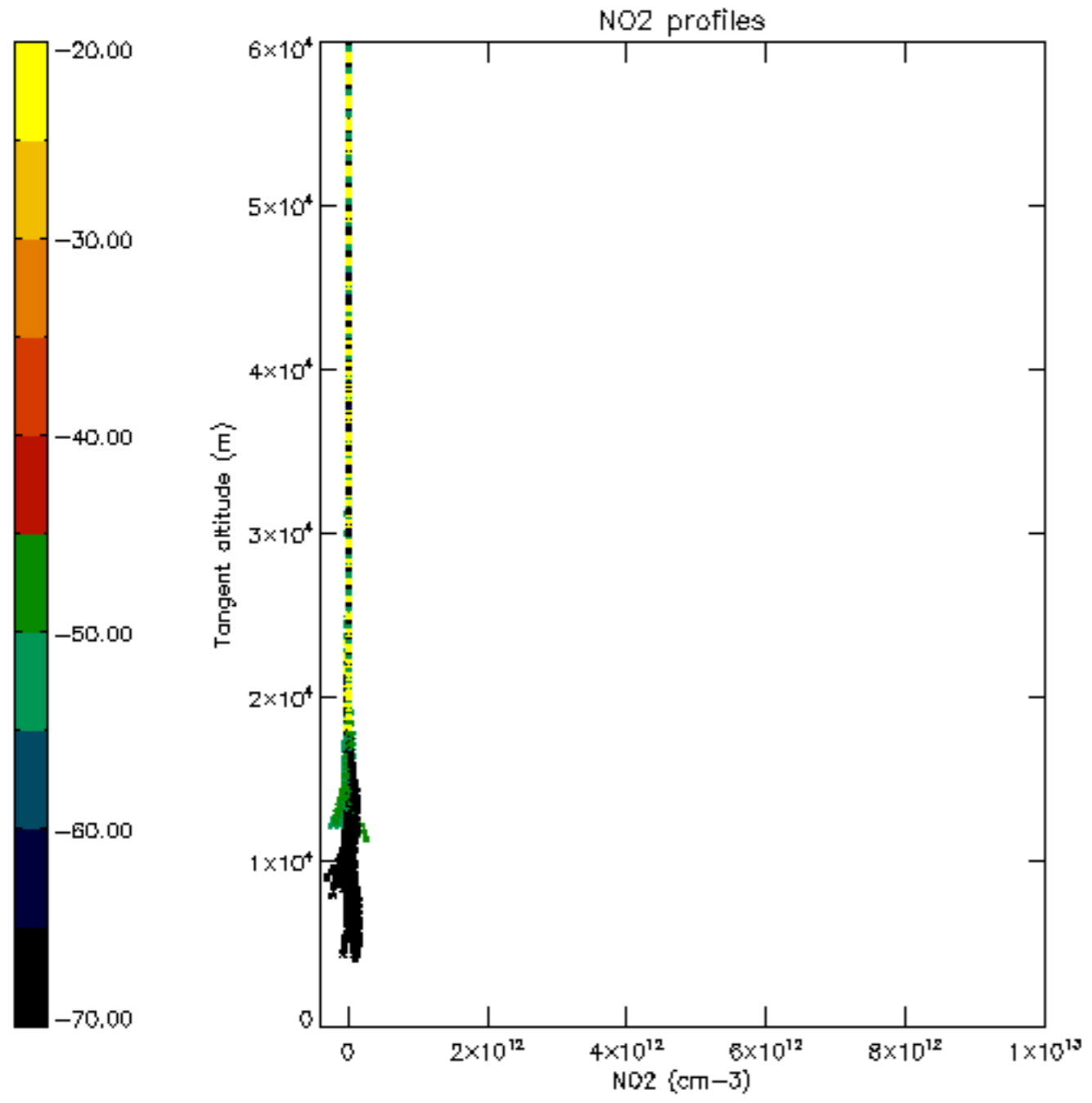


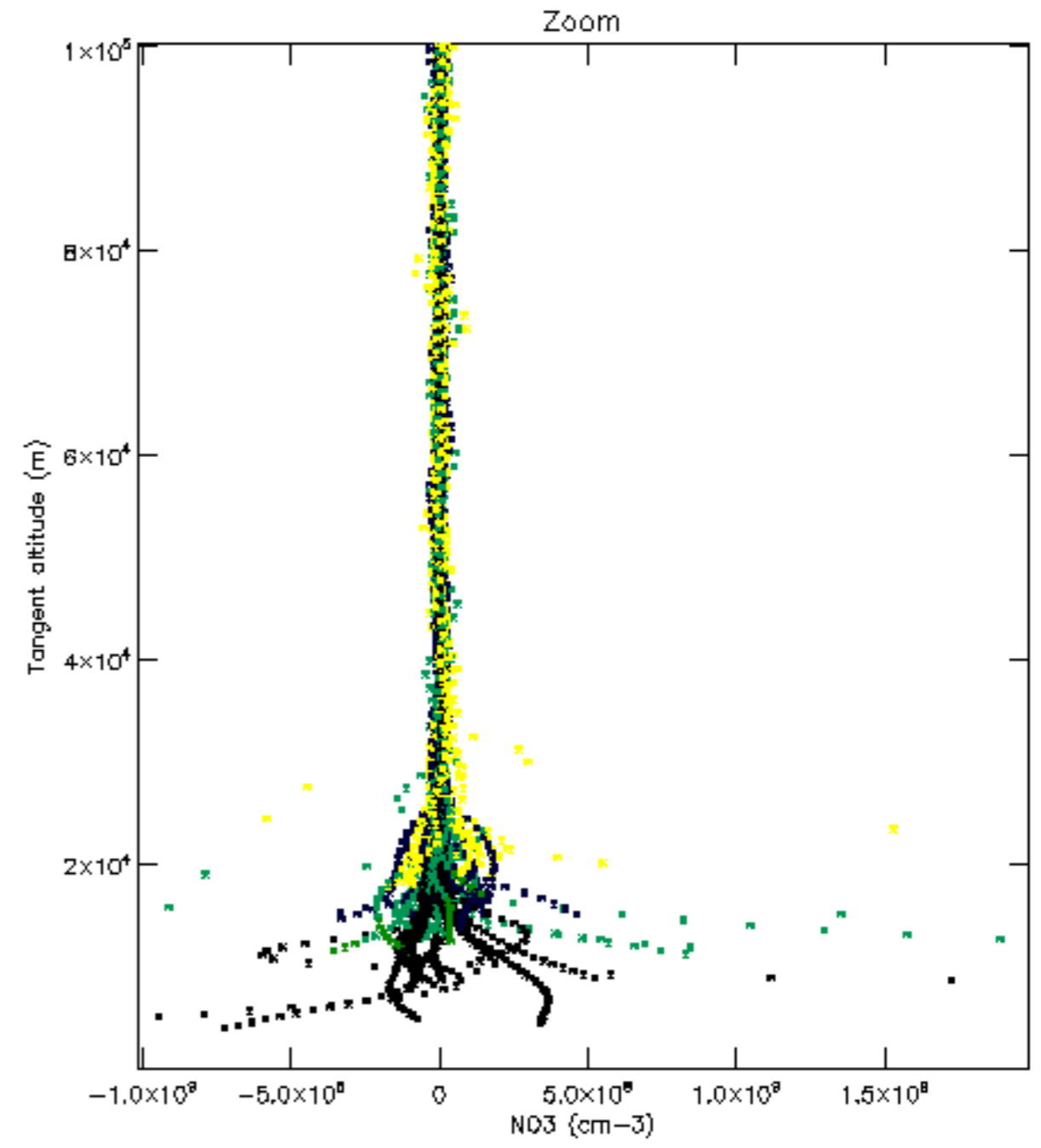
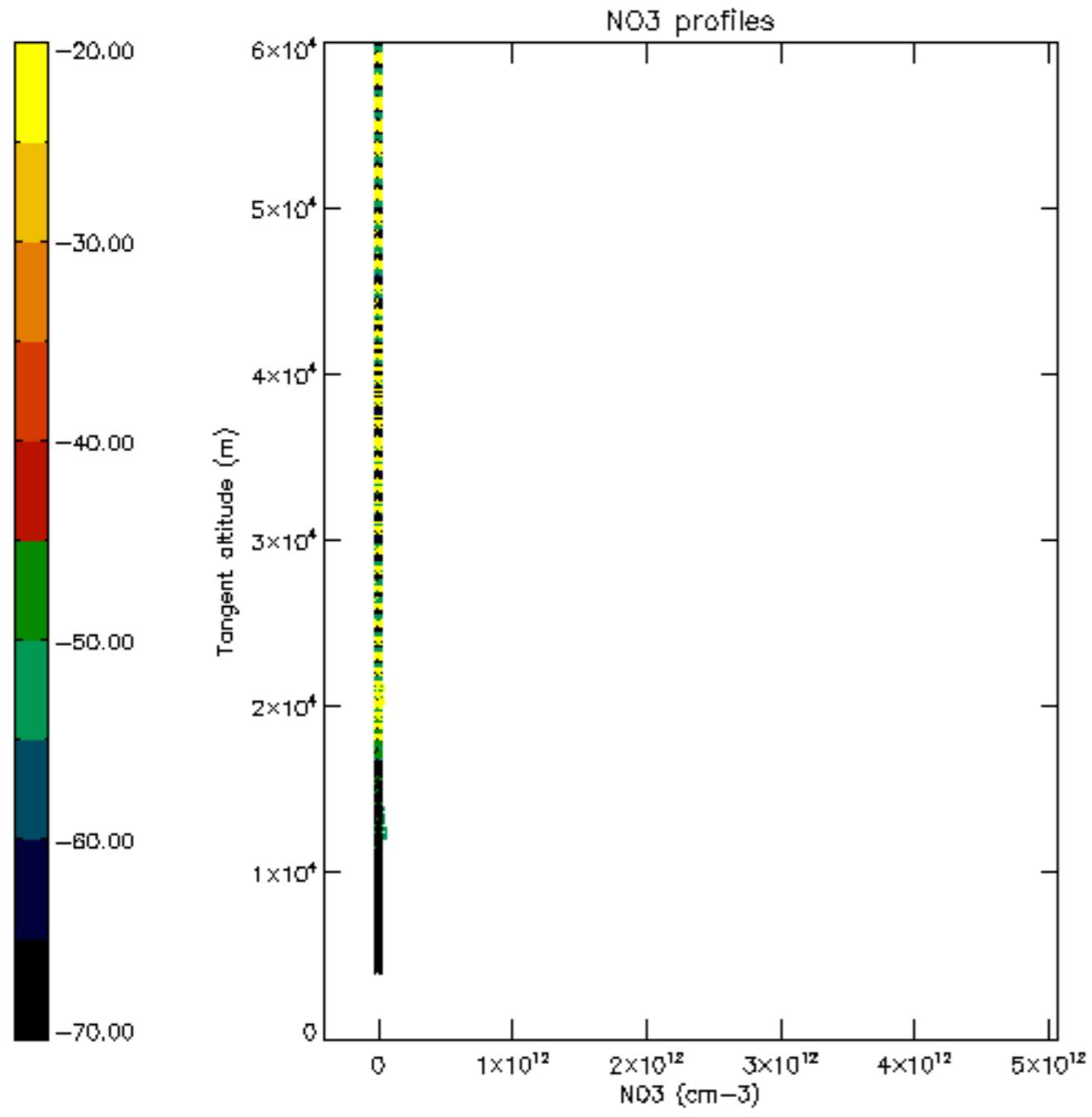


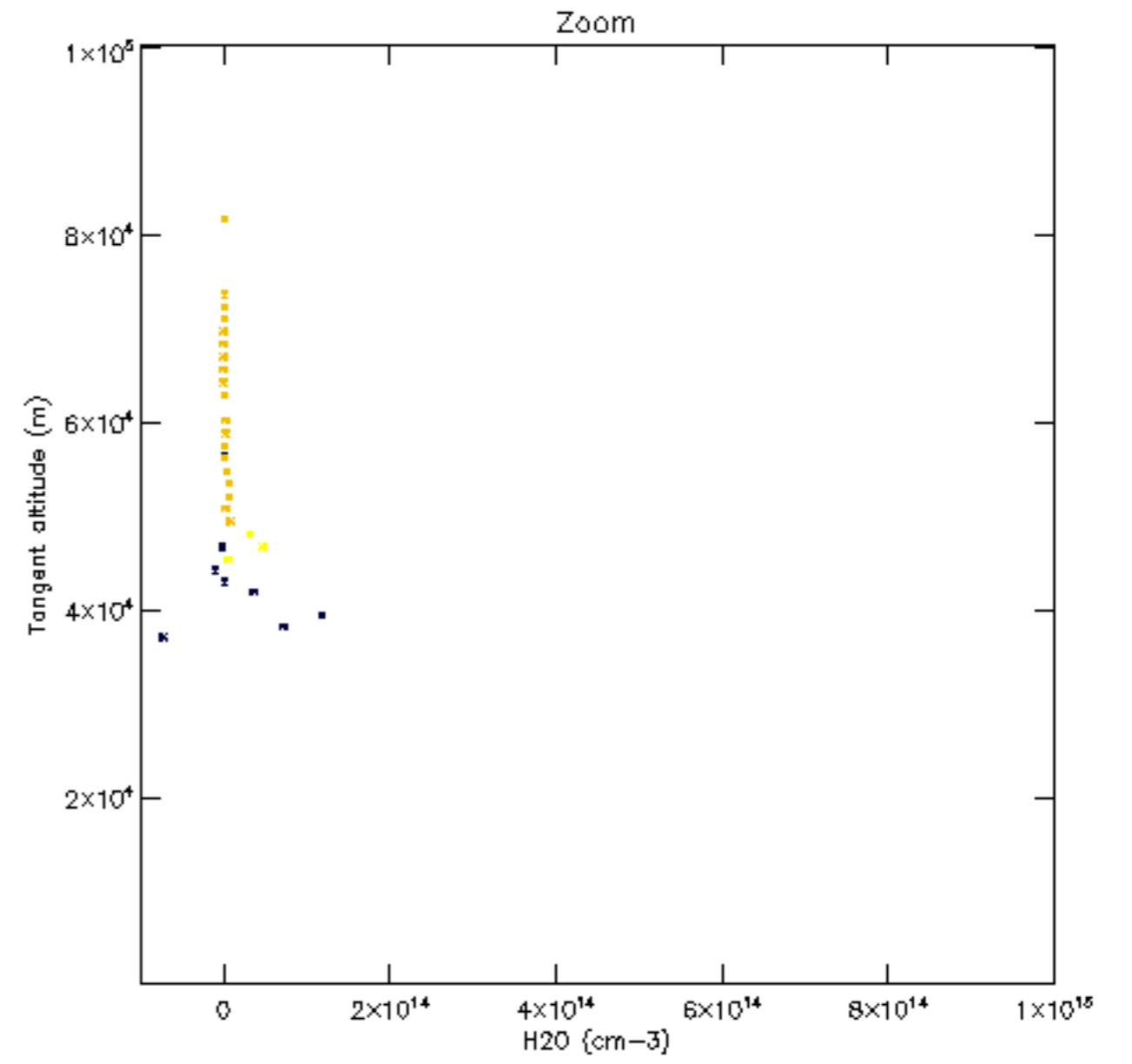
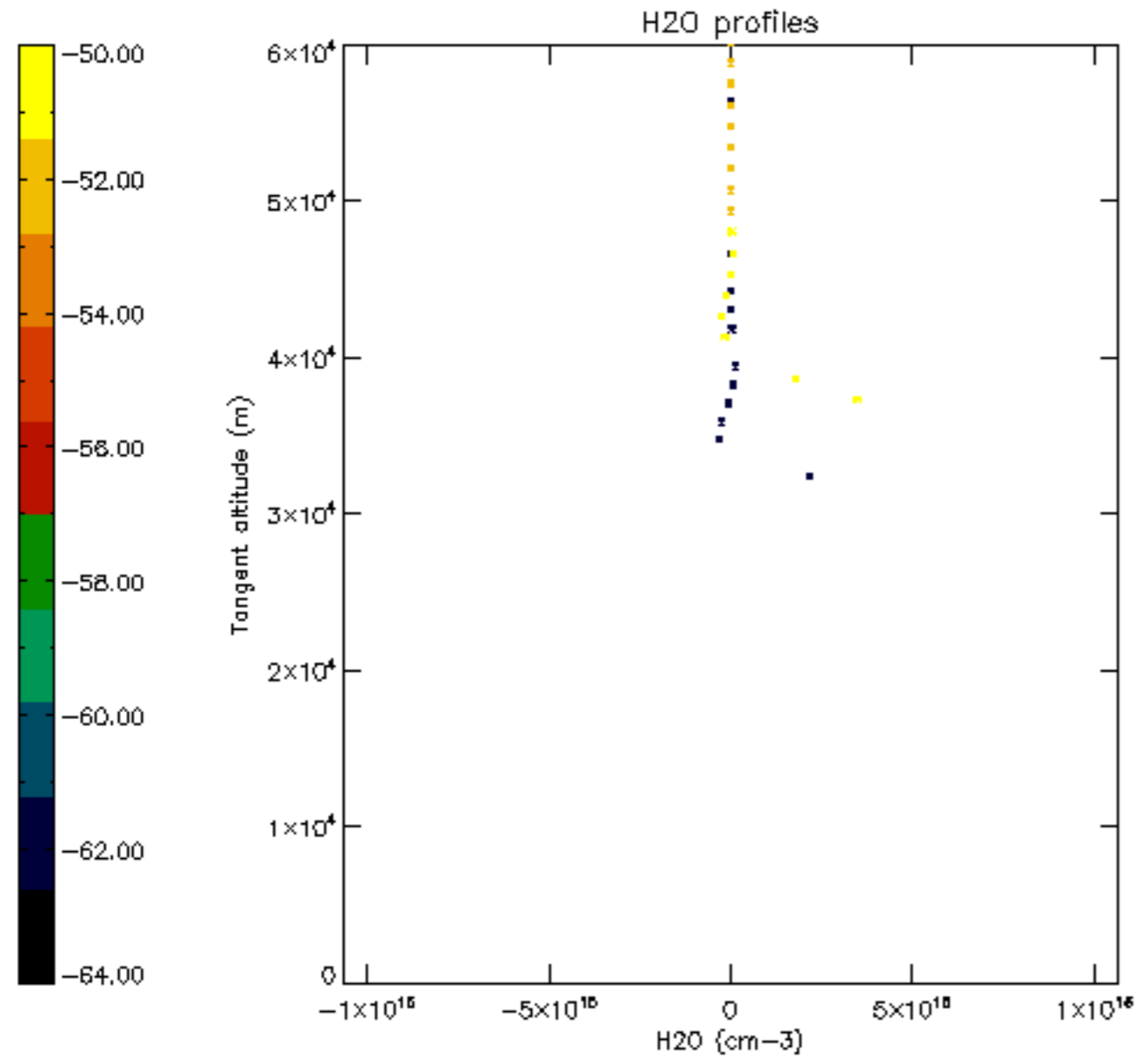


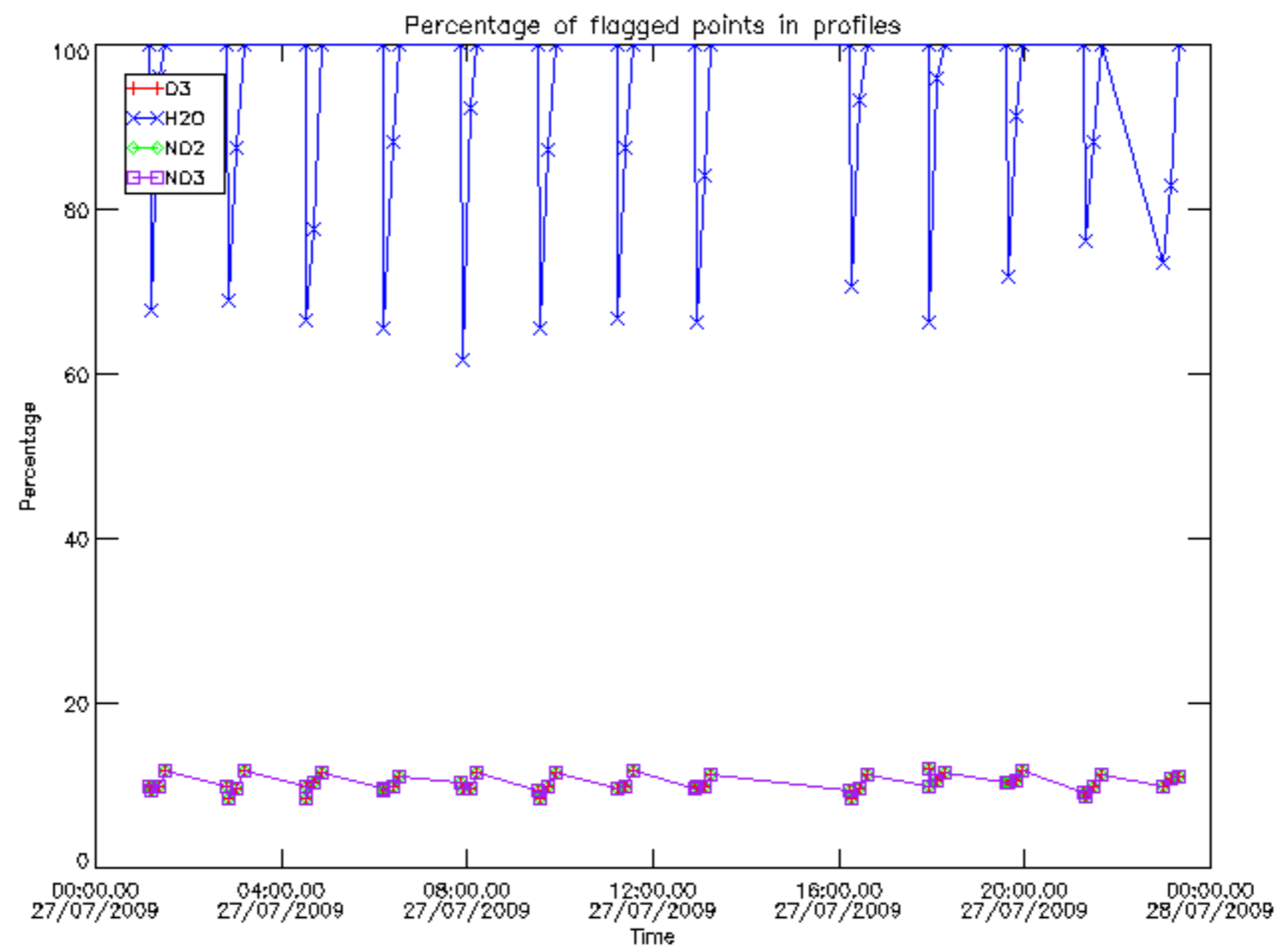




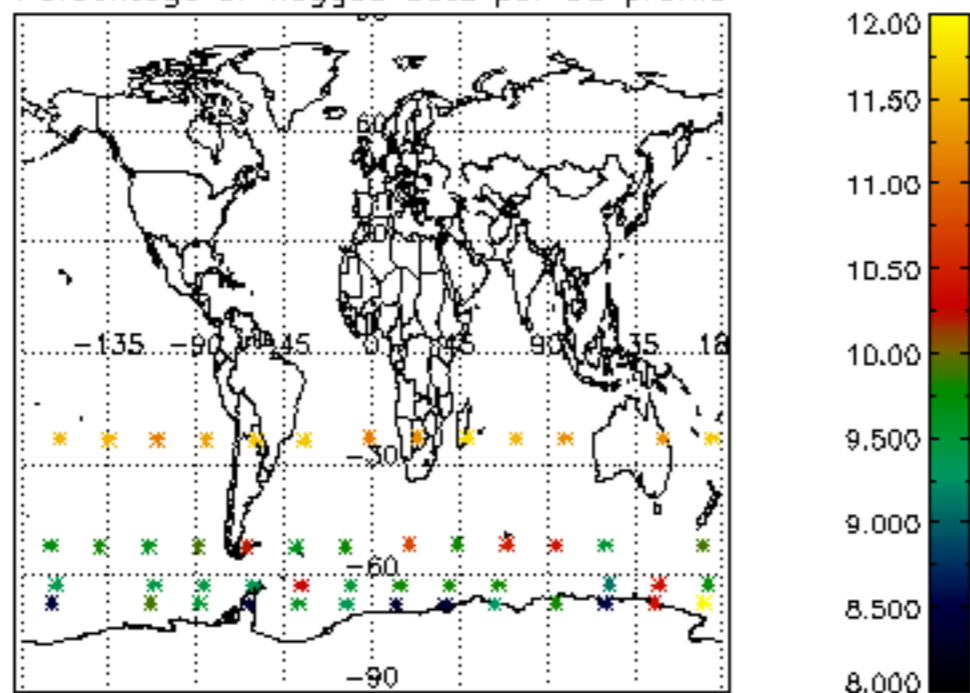




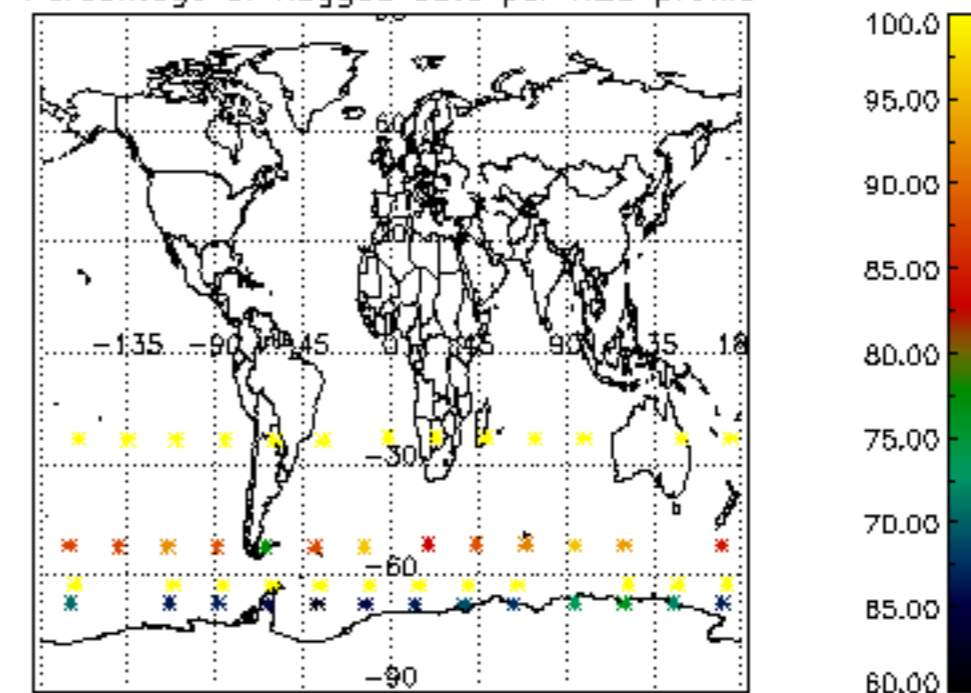




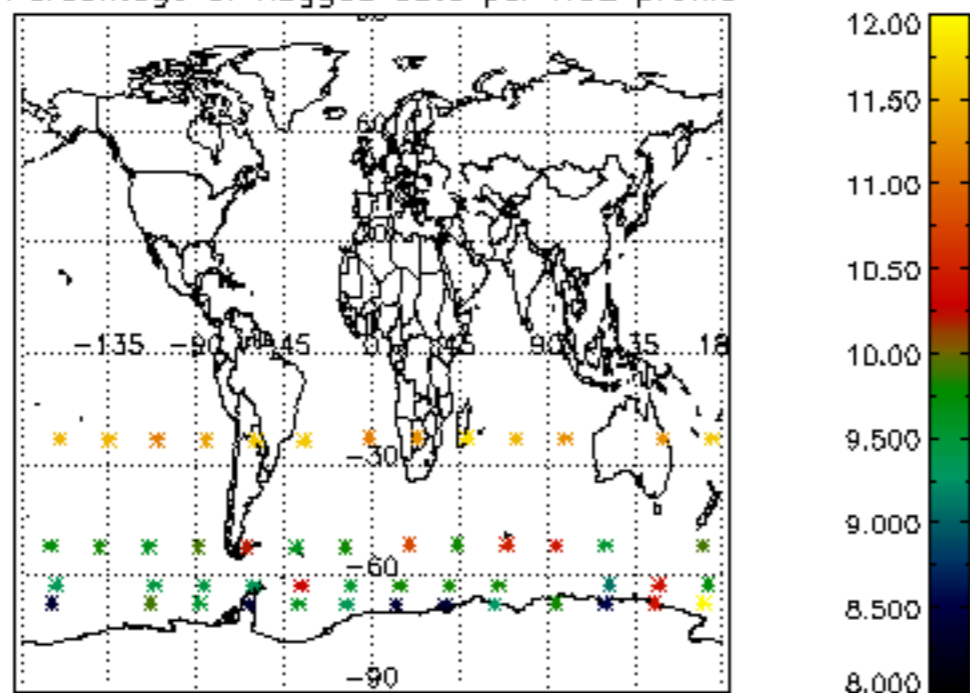
Percentage of flagged data per D3 profile



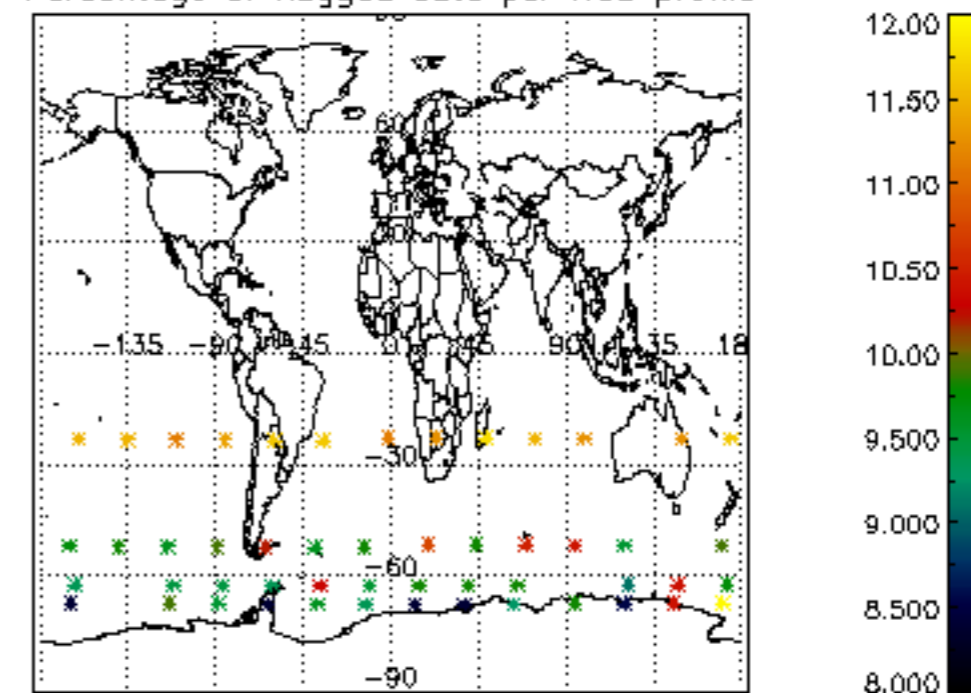
Percentage of flagged data per H2O profile

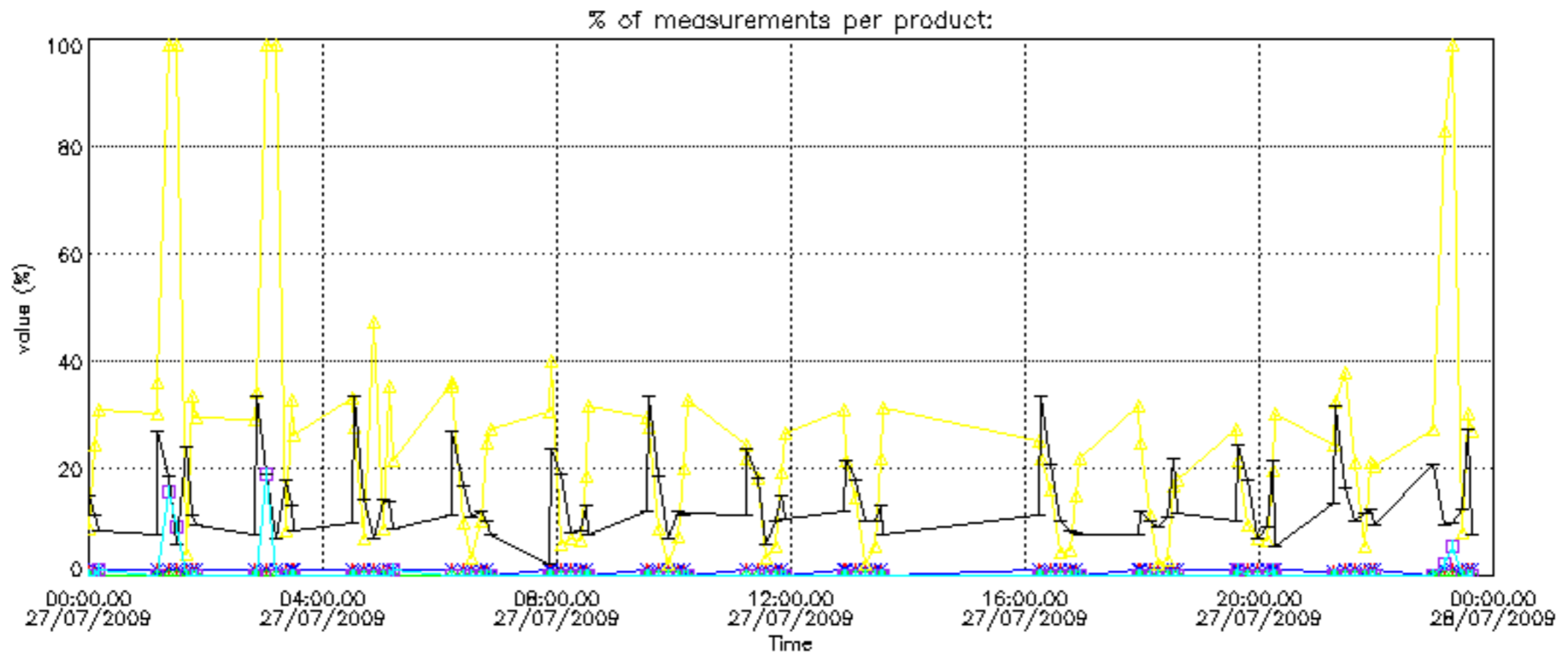


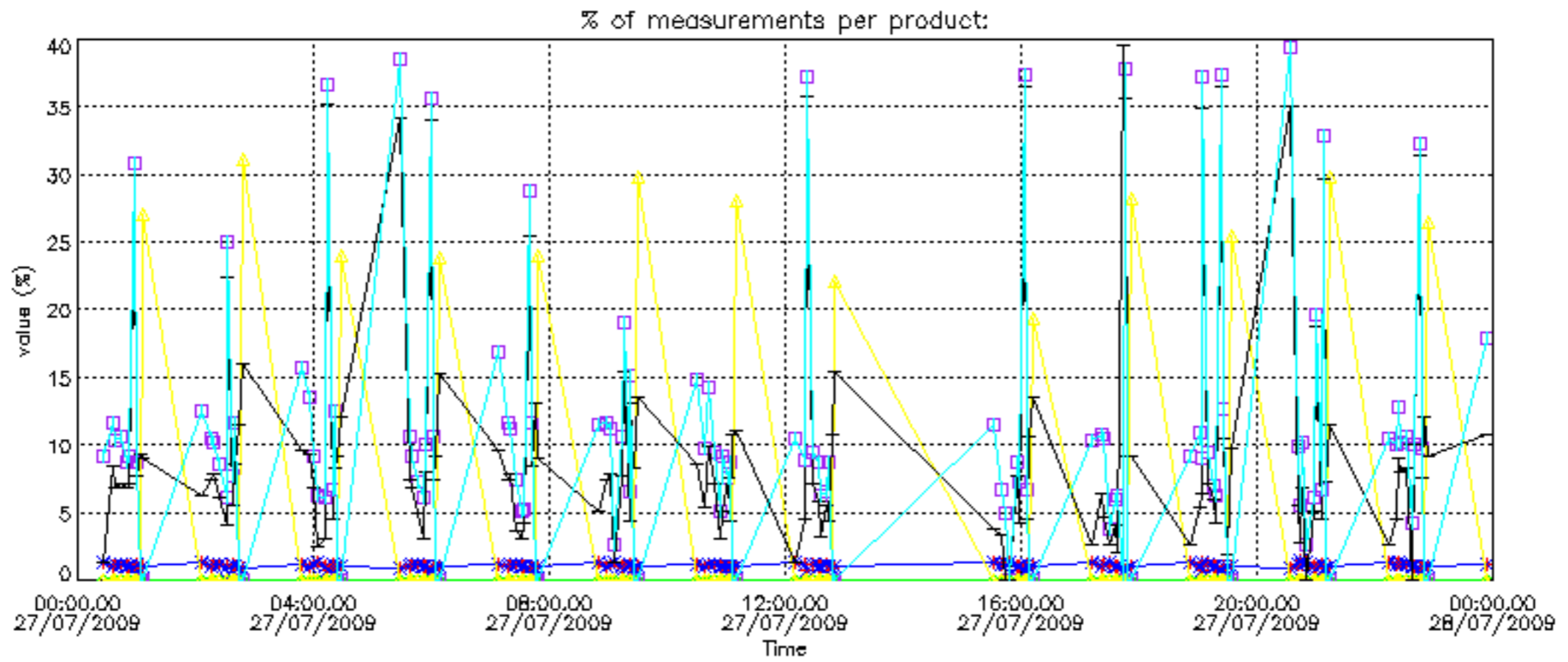
Percentage of flagged data per NO2 profile



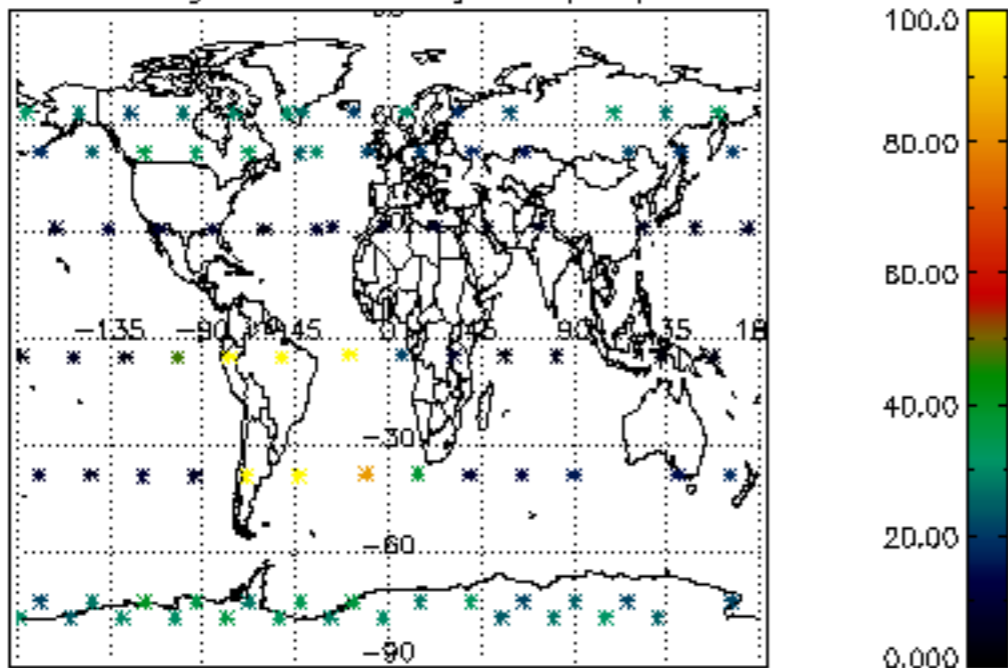
Percentage of flagged data per NO3 profile



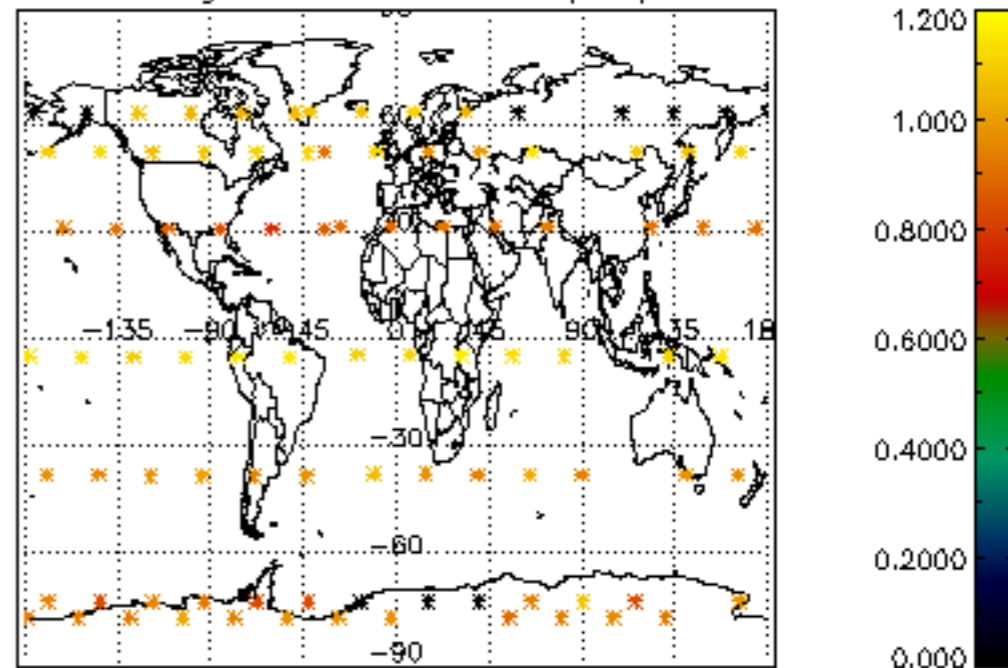




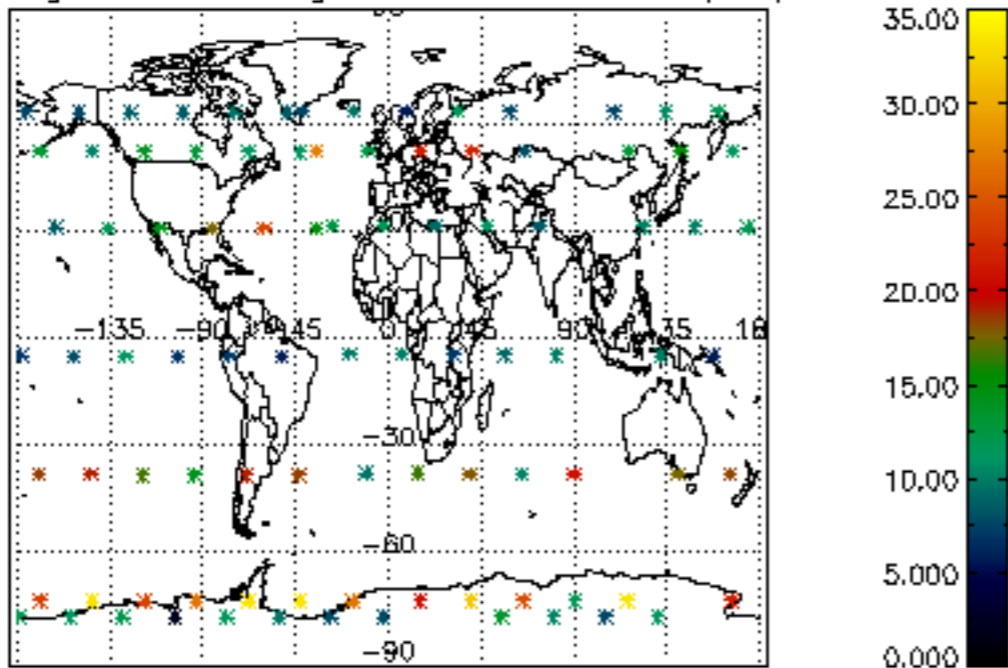
Percentage of cosmic ray hits per profile



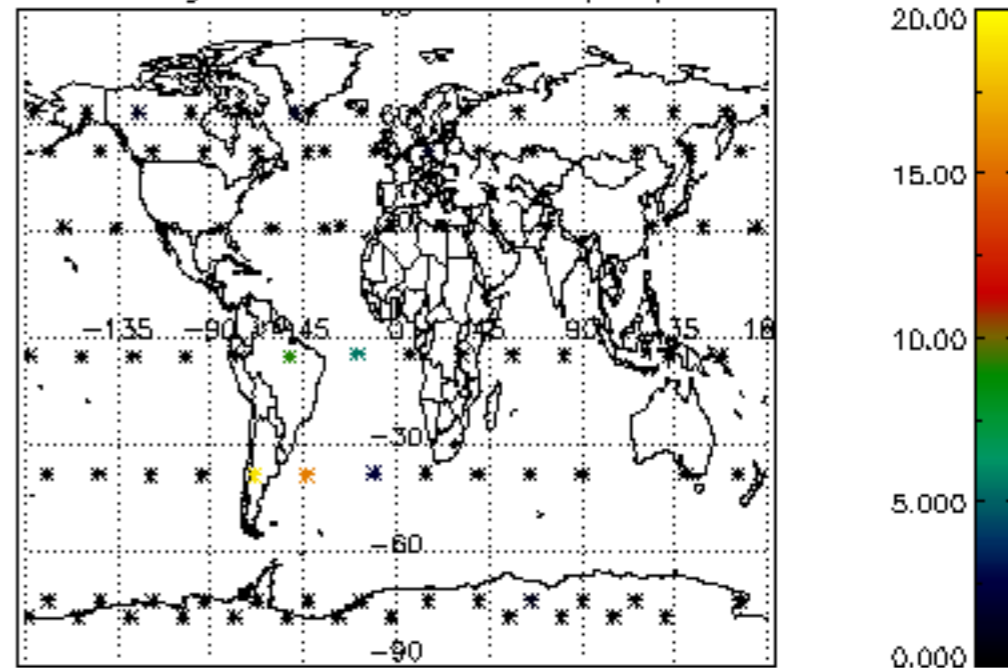
Percentage of datation errors per profile



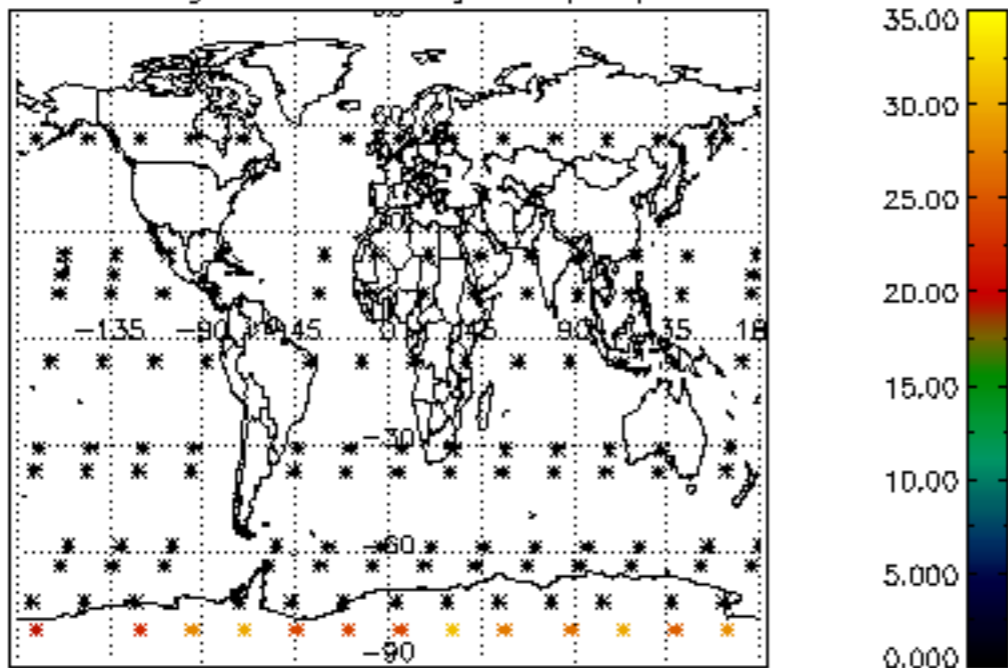
Percentage of star falling outside central band per profile



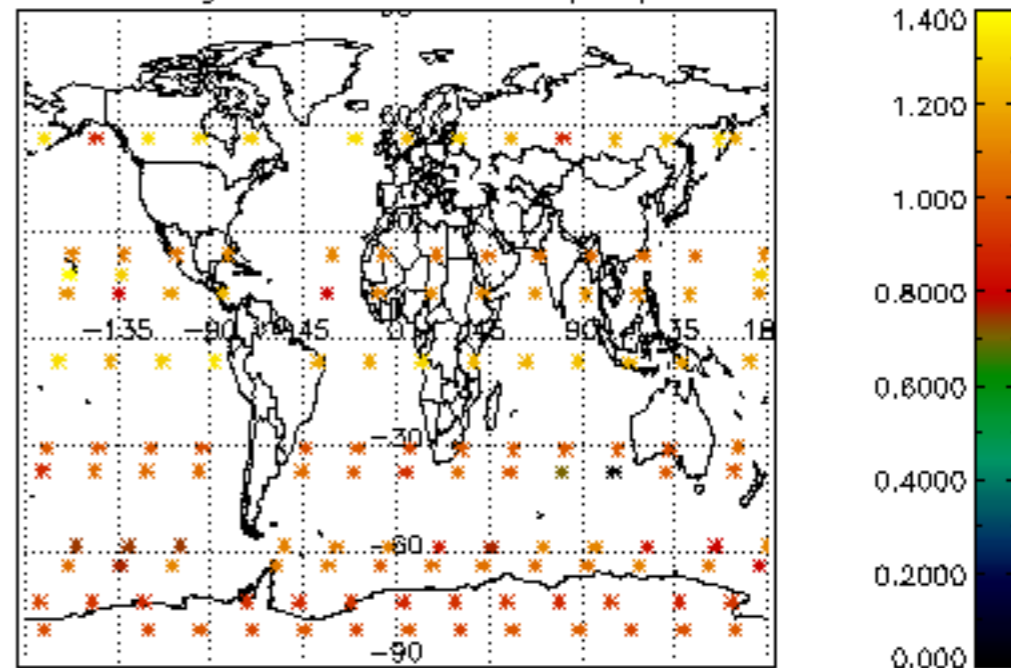
Percentage of saturation errors per profile



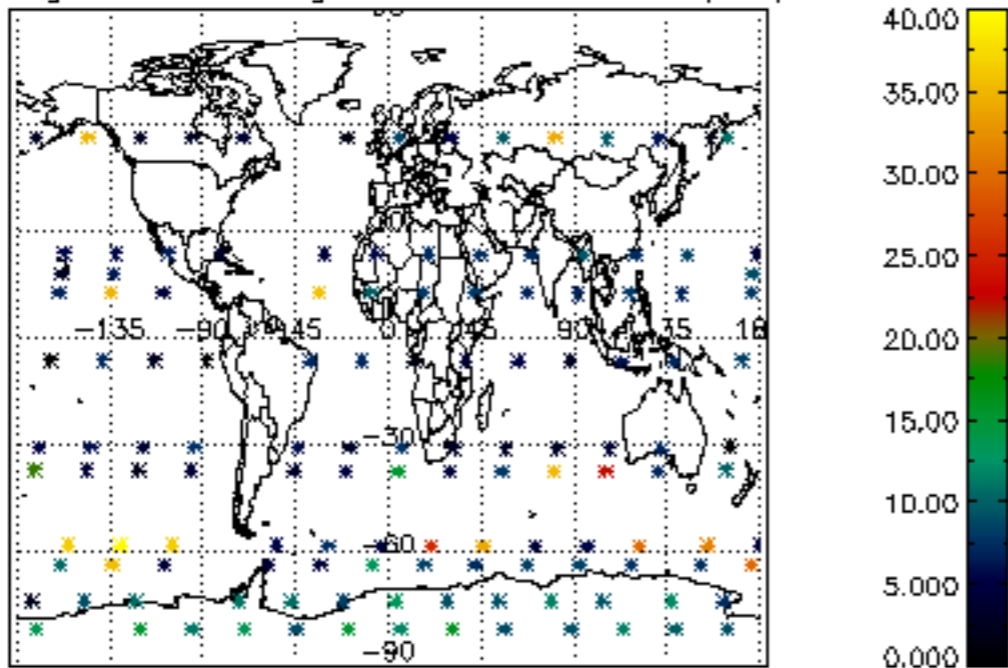
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

