

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	25APR2013 19:59:40
Data source version	GOMOS/6.01
Start time of products	16-09-2008 (16SEP2008 00:00:00)
Stop time of products	17-09-2008 (17SEP2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	216
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__2PRFIN20080916_000008_00000402072_00102_34224_6145.N1	16-SEP-2008 00:00:08	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	34224	No
2	GOM_NL__2PRFIN20080916_000211_00000262072_00102_34224_6146.N1	16-SEP-2008 00:02:11	Twilight	26.000	58	21Alp And	2.0730	11000.	52	34224	No
3	GOM_NL__2PRFIN20080916_001022_00000422072_00102_34224_6147.N1	16-SEP-2008 00:10:22	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	34224	No
4	GOM_NL__2PRFIN20080916_001210_00000402072_00102_34224_6148.N1	16-SEP-2008 00:12:10	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	34224	No
5	GOM_NL__2PRFIN20080916_003439_00000442072_00102_34224_6149.N1	16-SEP-2008 00:34:39	Bright	44.000	24	66Alp Gem	1.5800	10200.	88	34224	No
6	GOM_NL__2PRFIN20080916_004322_00000602072_00102_34224_6150.N1	16-SEP-2008 00:43:22	Twilight	60.000	8	10Alp CMi	0.40000	6500.0	120	34224	No
7	GOM_NL__2PRFIN20080916_005048_00000422072_00102_34224_6151.N1	16-SEP-2008 00:50:48	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	34224	No
8	GOM_NL__2PRFIN20080916_005232_00000592072_00102_34224_6152.N1	16-SEP-2008 00:52:32	Dark	59.000	1	9Alp CMa	-1.4400	11000.	118	34224	No
9	GOM_NL__2PRFIN20080916_005427_00000282072_00102_34224_6153.N1	16-SEP-2008 00:54:27	Dark	28.000	47	2Bet CMa	1.9760	28000.	56	34224	No
10	GOM_NL__2PRFIN20080916_005545_00000432072_00102_34224_6154.N1	16-SEP-2008 00:55:45	Dark	42.500	117	Pi Pup	2.7060	3800.0	85	34224	No
11	GOM_NL__2PRFIN20080916_010059_00000462072_00103_34225_6163.N1	16-SEP-2008 01:00:59	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	34225	No
12	GOM_NL__2PRFIN20080916_011114_00000402072_00103_34225_6164.N1	16-SEP-2008 01:11:14	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	34225	No
13	GOM_NL__2PRFIN20080916_011239_00000462072_00103_34225_6165.N1	16-SEP-2008 01:12:39	Dark	46.000	9	Alp Eri	0.45300	24000.	92	34225	No
14	GOM_NL__2PRFIN20080916_011823_00000442072_00103_34225_6166.N1	16-SEP-2008 01:18:23	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	34225	No
15	GOM_NL__2PRFIN20080916_012601_00000272072_00103_34225_6167.N1	16-SEP-2008 01:26:01	Twilight	27.000	52	16Bet Cet	2.0370	4500.0	54	34225	No
16	GOM_NL__2PRFIN20080916_013651_00000402072_00103_34225_6168.N1	16-SEP-2008 01:36:51	Bright	40.000	90	54Alp Peg	2.4870	11000.	80	34225	No
17	GOM_NL__2PRFIN20080916_014043_00000422072_00103_34225_6169.N1	16-SEP-2008 01:40:43	Bright	41.500	93	53Bet Peg	2.5200	3100.0	83	34225	No
18	GOM_NL__2PRFIN20080916_014246_00000262072_00103_34225_6170.N1	16-SEP-2008 01:42:46	Twilight	26.000	58	21Alp And	2.0730	11000.	52	34225	No
19	GOM_NL__2PRFIN20080916_015058_00000412072_00103_34225_6171.N1	16-SEP-2008 01:50:58	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	34225	No
20	GOM_NL__2PRFIN20080916_015245_00000432072_00103_34225_6172.N1	16-SEP-2008 01:52:45	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	34225	No
21	GOM_NL__2PRFIN20080916_021515_00000452072_00103_34225_6173.N1	16-SEP-2008 02:15:15	Bright	45.000	24	66Alp Gem	1.5800	10200.	90	34225	No
22	GOM_NL__2PRFIN20080916_022359_00000512072_00103_34225_6174.N1	16-SEP-2008 02:23:59	Twilight	50.500	8	10Alp CMi	0.40000	6500.0	101	34225	No
23	GOM_NL__2PRFIN20080916_023124_00000422072_00103_34225_6175.N1	16-SEP-2008 02:31:24	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	34225	No
24	GOM_NL__2PRFIN20080916_023309_00000632072_00103_34225_6176.N1	16-SEP-2008 02:33:09	Dark	63.000	1	9Alp CMa	-1.4400	11000.	126	34225	No
25	GOM_NL__2PRFIN20080916_023505_00000282072_00103_34225_6177.N1	16-SEP-2008 02:35:05	Dark	28.000	47	2Bet CMa	1.9760	28000.	56	34225	No
26	GOM_NL__2PRFIN20080916_023622_00000482072_00103_34225_6178.N1	16-SEP-2008 02:36:22	Dark	48.000	117	Pi Pup	2.7060	3800.0	96	34225	No
27	GOM_NL__2PRFIN20080916_024135_00000532072_00104_34226_6184.N1	16-SEP-2008 02:41:35	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	34226	No
28	GOM_NL__2PRFIN20080916_025150_00000392072_00104_34226_6185.N1	16-SEP-2008 02:51:50	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	34226	No
29	GOM_NL__2PRFIN20080916_025316_00000452072_00104_34226_6186.N1	16-SEP-2008 02:53:16	Dark	45.000	9	Alp Eri	0.45300	24000.	90	34226	No
30	GOM_NL__2PRFIN20080916_025859_00000472072_00104_34226_6187.N1	16-SEP-2008 02:58:59	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	34226	No
31	GOM_NL__2PRFIN20080916_030637_00000332072_00104_34226_6188.N1	16-SEP-2008 03:06:37	Twilight	33.000	52	16Bet Cet	2.0370	4500.0	66	34226	No
32	GOM_NL__2PRFIN20080916_031727_00000392072_00104_34226_6189.N1	16-SEP-2008 03:17:27	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34226	No
33	GOM_NL__2PRFIN20080916_032119_00000392072_00104_34226_6190.N1	16-SEP-2008 03:21:19	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	34226	No
34	GOM_NL__2PRFIN20080916_032321_00000322072_00104_34226_6191.N1	16-SEP-2008 03:23:21	Twilight	32.000	58	21Alp And	2.0730	11000.	64	34226	No
35	GOM_NL__2PRFIN20080916_033133_00000372072_00104_34226_6192.N1	16-SEP-2008 03:31:33	Bright	37.000	74	11Bet Cas	2.2680	6600.0	74	34226	No
36	GOM_NL__2PRFIN20080916_033321_00000412072_00104_34226_6193.N1	16-SEP-2008 03:33:21	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	34226	No
37	GOM_NL__2PRFIN20080916_035551_00000432072_00104_34226_6194.N1	16-SEP-2008 03:55:51	Bright	43.000	24	66Alp Gem	1.5800	10200.	86	34226	No
38	GOM_NL__2PRFIN20080916_040435_00000542072_00104_34226_6195.N1	16-SEP-2008 04:04:35	Twilight	53.500	8	10Alp CMi	0.40000	6500.0	107	34226	No
39	GOM_NL__2PRFIN20080916_041201_00000432072_00104_34226_6196.N1	16-SEP-2008 04:12:01	Dark	43.000	132	15Rho Pup	2.8030	6900.0	86	34226	No
40	GOM_NL__2PRFIN20080916_041346_00000712072_00104_34226_6197.N1	16-SEP-2008 04:13:46	Dark	71.000	1	9Alp CMa	-1.4400	11000.	142	34226	No
41	GOM_NL__2PRFIN20080916_041557_00000522072_00104_34226_6198.N1	16-SEP-2008 04:15:57	Dark	51.500	23	21Eps CMa	1.5020	26000.	103	34226	No
42	GOM_NL__2PRFIN20080916_043227_00000392072_00105_34227_6222.N1	16-SEP-2008 04:32:27	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	34227	No

43	GOM_NL__2PRFIN20080916_043352_000000452072_00105_34227_6223.N1	16-SEP-2008 04:33:52	Dark	44.500	9	Alp Eri	0.45300	24000.	89	34227	No
44	GOM_NL__2PRFIN20080916_043935_000000452072_00105_34227_6224.N1	16-SEP-2008 04:39:35	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	34227	No
45	GOM_NL__2PRFIN20080916_044713_000000332072_00105_34227_6225.N1	16-SEP-2008 04:47:13	Twilight_and_stray	33.000	52	16Bet Cet	2.0370	4500.0	66	34227	No
46	GOM_NL__2PRFIN20080916_045803_000000392072_00105_34227_6226.N1	16-SEP-2008 04:58:03	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34227	No
47	GOM_NL__2PRFIN20080916_050155_000000412072_00105_34227_6227.N1	16-SEP-2008 05:01:55	Bright	41.000	93	53Bet Peg	2.5200	3100.0	82	34227	No
48	GOM_NL__2PRFIN20080916_050356_000000322072_00105_34227_6228.N1	16-SEP-2008 05:03:56	Twilight_and_stray	32.000	58	21Alp And	2.0730	11000.	64	34227	No
49	GOM_NL__2PRFIN20080916_051209_000000412072_00105_34227_6229.N1	16-SEP-2008 05:12:09	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	34227	No
50	GOM_NL__2PRFIN20080916_051356_000000432072_00105_34227_6230.N1	16-SEP-2008 05:13:56	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	34227	No
51	GOM_NL__2PRFIN20080916_053628_000000532072_00105_34227_6231.N1	16-SEP-2008 05:36:28	Bright	52.500	24	66Alp Gem	1.5800	10200.	105	34227	No
52	GOM_NL__2PRFIN20080916_054512_000000532072_00105_34227_6232.N1	16-SEP-2008 05:45:12	Dark	52.500	8	10Alp CMi	0.40000	6500.0	105	34227	No
53	GOM_NL__2PRFIN20080916_055237_000000422072_00105_34227_6233.N1	16-SEP-2008 05:52:37	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	34227	No
54	GOM_NL__2PRFIN20080916_055423_000000652072_00105_34227_6234.N1	16-SEP-2008 05:54:23	Dark	65.000	1	9Alp CMa	-1.4400	11000.	130	34227	No
55	GOM_NL__2PRFIN20080916_055634_000000482072_00105_34227_6235.N1	16-SEP-2008 05:56:34	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	34227	No
56	GOM_NL__2PRFIN20080916_061303_000000402072_00106_34228_6246.N1	16-SEP-2008 06:13:03	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	34228	No
57	GOM_NL__2PRFIN20080916_061429_000000412072_00106_34228_6247.N1	16-SEP-2008 06:14:29	Dark	40.500	9	Alp Eri	0.45300	24000.	81	34228	No
58	GOM_NL__2PRFIN20080916_062012_000000512072_00106_34228_6248.N1	16-SEP-2008 06:20:12	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	34228	No
59	GOM_NL__2PRFIN20080916_062749_000000382072_00106_34228_6249.N1	16-SEP-2008 06:27:49	Twilight_and_stray	38.000	52	16Bet Cet	2.0370	4500.0	76	34228	No
60	GOM_NL__2PRFIN20080916_063839_000000392072_00106_34228_6250.N1	16-SEP-2008 06:38:39	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	34228	No
61	GOM_NL__2PRFIN20080916_064231_000000392072_00106_34228_6251.N1	16-SEP-2008 06:42:31	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	34228	No
62	GOM_NL__2PRFIN20080916_064432_000000392072_00106_34228_6252.N1	16-SEP-2008 06:44:32	Bright	39.000	58	21Alp And	2.0730	11000.	78	34228	No
63	GOM_NL__2PRFIN20080916_065244_000000412072_00106_34228_6253.N1	16-SEP-2008 06:52:44	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	34228	No
64	GOM_NL__2PRFIN20080916_065431_000000422072_00106_34228_6254.N1	16-SEP-2008 06:54:31	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	34228	No
65	GOM_NL__2PRFIN20080916_071704_000000432072_00106_34228_6255.N1	16-SEP-2008 07:17:04	Bright	42.500	24	66Alp Gem	1.5800	10200.	85	34228	No
66	GOM_NL__2PRFIN20080916_072548_000000562072_00106_34228_6256.N1	16-SEP-2008 07:25:48	Dark	55.500	8	10Alp CMi	0.40000	6500.0	111	34228	No
67	GOM_NL__2PRFIN20080916_073314_000000442072_00106_34228_6257.N1	16-SEP-2008 07:33:14	Dark	43.500	132	15Rho Pup	2.8030	6900.0	87	34228	No
68	GOM_NL__2PRFIN20080916_073500_000000632072_00106_34228_6258.N1	16-SEP-2008 07:35:00	Dark	62.500	1	9Alp CMa	-1.4400	11000.	125	34228	No
69	GOM_NL__2PRFIN20080916_073711_000000512072_00106_34228_6259.N1	16-SEP-2008 07:37:11	Dark	51.000	23	21Eps CMa	1.5020	26000.	102	34228	No
70	GOM_NL__2PRFIN20080916_074205_000000402072_00106_34228_6260.N1	16-SEP-2008 07:42:05	Dark	40.000	161	Tau Pup	2.9310	4500.0	80	34228	No
71	GOM_NL__2PRFIN20080916_074325_000000522072_00107_34229_6266.N1	16-SEP-2008 07:43:25	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	34229	No
72	GOM_NL__2PRFIN20080916_075339_000000382072_00107_34229_6267.N1	16-SEP-2008 07:53:39	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	34229	No
73	GOM_NL__2PRFIN20080916_075505_000000422072_00107_34229_6268.N1	16-SEP-2008 07:55:05	Dark	41.500	9	Alp Eri	0.45300	24000.	83	34229	No
74	GOM_NL__2PRFIN20080916_080048_000000442072_00107_34229_6269.N1	16-SEP-2008 08:00:48	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	34229	No
75	GOM_NL__2PRFIN20080916_080826_000000382072_00107_34229_6270.N1	16-SEP-2008 08:08:26	Twilight_and_stray	37.500	52	16Bet Cet	2.0370	4500.0	75	34229	No
76	GOM_NL__2PRFIN20080916_081915_000000392072_00107_34229_6271.N1	16-SEP-2008 08:19:15	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34229	No
77	GOM_NL__2PRFIN20080916_082306_000000412072_00107_34229_6272.N1	16-SEP-2008 08:23:06	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	34229	No
78	GOM_NL__2PRFIN20080916_082507_000000392072_00107_34229_6273.N1	16-SEP-2008 08:25:07	Bright	39.000	58	21Alp And	2.0730	11000.	78	34229	No
79	GOM_NL__2PRFIN20080916_083320_000000412072_00107_34229_6274.N1	16-SEP-2008 08:33:20	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	34229	No
80	GOM_NL__2PRFIN20080916_083507_000000412072_00107_34229_6275.N1	16-SEP-2008 08:35:07	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	34229	No
81	GOM_NL__2PRFIN20080916_085740_000000632072_00107_34229_6276.N1	16-SEP-2008 08:57:40	Bright	63.000	24	66Alp Gem	1.5800	10200.	126	34229	No
82	GOM_NL__2PRFIN20080916_090625_000000562072_00107_34229_6277.N1	16-SEP-2008 09:06:25	Dark	55.500	8	10Alp CMi	0.40000	6500.0	111	34229	No
83	GOM_NL__2PRFIN20080916_091350_000000422072_00107_34229_6278.N1	16-SEP-2008 09:13:50	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	34229	No
84	GOM_NL__2PRFIN20080916_091537_000000602072_00107_34229_6279.N1	16-SEP-2008 09:15:37	Dark	60.000	1	9Alp CMa	-1.4400	11000.	120	34229	No
85	GOM_NL__2PRFIN20080916_091748_000000492072_00107_34229_6280.N1	16-SEP-2008 09:17:48	Dark	48.500	23	21Eps CMa	1.5020	26000.	97	34229	No
86	GOM_NL__2PRFIN20080916_092242_000000402072_00107_34229_6281.N1	16-SEP-2008 09:22:42	Dark	39.500	161	Tau Pup	2.9310	4500.0	79	34229	No
87	GOM_NL__2PRFIN20080916_092402_000000482072_00108_34230_6290.N1	16-SEP-2008 09:24:02	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	34230	No
88	GOM_NL__2PRFIN20080916_093416_000000392072_00108_34230_6291.N1	16-SEP-2008 09:34:16	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	34230	No
89	GOM_NL__2PRFIN20080916_093541_000000542072_00108_34230_6292.N1	16-SEP-2008 09:35:41	Dark	53.500	9	Alp Eri	0.45300	24000.	107	34230	No
90	GOM_NL__2PRFIN20080916_094124_000000452072_00108_34230_6293.N1	16-SEP-2008 09:41:24	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	34230	No
91	GOM_NL__2PRFIN20080916_094902_000000442072_00108_34230_6294.N1	16-SEP-2008 09:49:02	Twilight_and_stray	43.500	52	16Bet Cet	2.0370	4500.0	87	34230	No
92	GOM_NL__2PRFIN20080916_095950_000000392072_00108_34230_6295.N1	16-SEP-2008 09:59:50	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34230	No
93	GOM_NL__2PRFIN20080916_100342_000000422072_00108_34230_6296.N1	16-SEP-2008 10:03:42	Bright	41.500	93	53Bet Peg	2.5200	3100.0	83	34230	No
94	GOM_NL__2PRFIN20080916_100542_000000462072_00108_34230_6297.N1	16-SEP-2008 10:05:42	Bright	46.000	58	21Alp And	2.0730	11000.	92	34230	No
95	GOM_NL__2PRFIN20080916_101355_000000402072_00108_34230_6298.N1	16-SEP-2008 10:13:55	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	34230	No
96	GOM_NL__2PRFIN20080916_101542_000000412072_00108_34230_6299.N1	16-SEP-2008 10:15:42	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	34230	No
97	GOM_NL__2PRFIN20080916_103816_000000472072_00108_34230_6300.N1	16-SEP-2008 10:38:16	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	34230	No
98	GOM_NL__2PRFIN20080916_104701_000000502072_00108_34230_6301.N1	16-SEP-2008 10:47:01	Dark	50.000	8	10Alp CMi	0.40000	6500.0	100	34230	No
99	GOM_NL__2PRFIN20080916_105427_000000412072_00108_34230_6302.N1	16-SEP-2008 10:54:27	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	34230	No
100	GOM_NL__2PRFIN20080916_105614_000000612072_00108_34230_6303.N1	16-SEP-2008 10:56:14	Dark	61.000	1	9Alp CMa	-1.4400	11000.	122	34230	No
101	GOM_NL__2PRFIN20080916_105824_000000472072_00108_34230_6304.N1	16-SEP-2008 10:58:24	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	34230	No

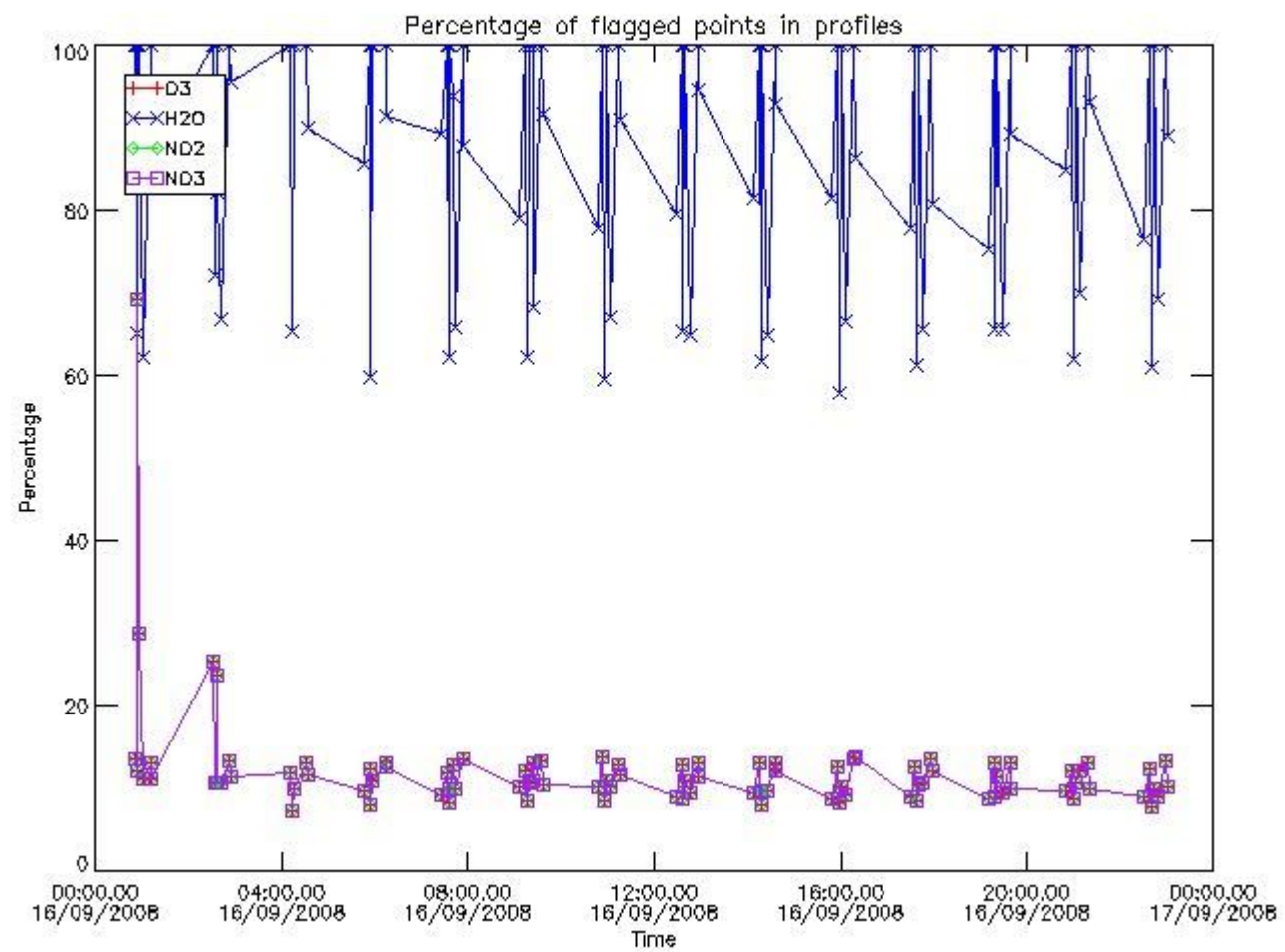
102	GOM_NL__2PRFIN20080916_110438_000000552072_00109_34231_6324.N1	16-SEP-2008 11:04:38	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	34231	No
103	GOM_NL__2PRFIN20080916_111452_000000402072_00109_34231_6325.N1	16-SEP-2008 11:14:52	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	34231	No
104	GOM_NL__2PRFIN20080916_111618_000000442072_00109_34231_6326.N1	16-SEP-2008 11:16:18	Dark	44.000	9	Alp Eri	0.45300	24000.	88	34231	No
105	GOM_NL__2PRFIN20080916_112201_000000472072_00109_34231_6327.N1	16-SEP-2008 11:22:01	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	34231	No
106	GOM_NL__2PRFIN20080916_112938_000000442072_00109_34231_6328.N1	16-SEP-2008 11:29:38	Tw_i_and_stray	43.500	52	16Bet Cet	2.0370	4500.0	87	34231	No
107	GOM_NL__2PRFIN20080916_114026_000000392072_00109_34231_6329.N1	16-SEP-2008 11:40:26	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	34231	No
108	GOM_NL__2PRFIN20080916_114418_000000382072_00109_34231_6330.N1	16-SEP-2008 11:44:18	Bright	37.500	93	53Bet Peg	2.5200	3100.0	75	34231	No
109	GOM_NL__2PRFIN20080916_114617_000000462072_00109_34231_6331.N1	16-SEP-2008 11:46:17	Bright	46.000	58	21Alp And	2.0730	11000.	92	34231	No
110	GOM_NL__2PRFIN20080916_115431_000000412072_00109_34231_6332.N1	16-SEP-2008 11:54:31	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	34231	No
111	GOM_NL__2PRFIN20080916_115617_000000432072_00109_34231_6333.N1	16-SEP-2008 11:56:17	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	34231	No
112	GOM_NL__2PRFIN20080916_121852_000000442072_00109_34231_6334.N1	16-SEP-2008 12:18:52	Bright	43.500	24	66Alp Gem	1.5800	10200.	87	34231	No
113	GOM_NL__2PRFIN20080916_122738_000000572072_00109_34231_6335.N1	16-SEP-2008 12:27:38	Dark	56.500	8	10Alp CMi	0.40000	6500.0	113	34231	No
114	GOM_NL__2PRFIN20080916_123503_000000402072_00109_34231_6336.N1	16-SEP-2008 12:35:03	Dark	40.000	132	15Rho Pup	2.8030	6900.0	80	34231	No
115	GOM_NL__2PRFIN20080916_123651_000000602072_00109_34231_6337.N1	16-SEP-2008 12:36:51	Dark	59.500	1	9Alp CMa	-1.4400	11000.	119	34231	No
116	GOM_NL__2PRFIN20080916_123901_000000482072_00109_34231_6338.N1	16-SEP-2008 12:39:01	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	34231	No
117	GOM_NL__2PRFIN20080916_124515_000000552072_00110_34232_6345.N1	16-SEP-2008 12:45:15	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	34232	No
118	GOM_NL__2PRFIN20080916_125529_000000392072_00110_34232_6346.N1	16-SEP-2008 12:55:29	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	34232	No
119	GOM_NL__2PRFIN20080916_125654_000000452072_00110_34232_6347.N1	16-SEP-2008 12:56:54	Dark	45.000	9	Alp Eri	0.45300	24000.	90	34232	No
120	GOM_NL__2PRFIN20080916_130237_000000482072_00110_34232_6348.N1	16-SEP-2008 13:02:37	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	34232	No
121	GOM_NL__2PRFIN20080916_131014_000000492072_00110_34232_6349.N1	16-SEP-2008 13:10:14	Tw_i_and_stray	48.500	52	16Bet Cet	2.0370	4500.0	97	34232	No
122	GOM_NL__2PRFIN20080916_132102_000000372072_00110_34232_6350.N1	16-SEP-2008 13:21:02	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	34232	No
123	GOM_NL__2PRFIN20080916_132453_000000422072_00110_34232_6351.N1	16-SEP-2008 13:24:53	Bright	41.500	93	53Bet Peg	2.5200	3100.0	83	34232	No
124	GOM_NL__2PRFIN20080916_132653_000000462072_00110_34232_6352.N1	16-SEP-2008 13:26:53	Bright	46.000	58	21Alp And	2.0730	11000.	92	34232	No
125	GOM_NL__2PRFIN20080916_133506_000000402072_00110_34232_6353.N1	16-SEP-2008 13:35:06	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	34232	No
126	GOM_NL__2PRFIN20080916_133653_000000422072_00110_34232_6354.N1	16-SEP-2008 13:36:53	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	34232	No
127	GOM_NL__2PRFIN20080916_135928_000000632072_00110_34232_6355.N1	16-SEP-2008 13:59:28	Bright	63.000	24	66Alp Gem	1.5800	10200.	126	34232	No
128	GOM_NL__2PRFIN20080916_140814_000000542072_00110_34232_6356.N1	16-SEP-2008 14:08:14	Dark	54.000	8	10Alp CMi	0.40000	6500.0	108	34232	No
129	GOM_NL__2PRFIN20080916_141539_000000392072_00110_34232_6357.N1	16-SEP-2008 14:15:39	Dark	39.000	132	15Rho Pup	2.8030	6900.0	78	34232	No
130	GOM_NL__2PRFIN20080916_141728_000000652072_00110_34232_6358.N1	16-SEP-2008 14:17:28	Dark	64.500	1	9Alp CMa	-1.4400	11000.	129	34232	No
131	GOM_NL__2PRFIN20080916_141938_000000532072_00110_34232_6359.N1	16-SEP-2008 14:19:38	Dark	52.500	23	21Eps CMa	1.5020	26000.	105	34232	No
132	GOM_NL__2PRFIN20080916_142551_000000532072_00111_34233_6373.N1	16-SEP-2008 14:25:51	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	34233	No
133	GOM_NL__2PRFIN20080916_143605_000000392072_00111_34233_6374.N1	16-SEP-2008 14:36:05	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	34233	No
134	GOM_NL__2PRFIN20080916_143731_000000432072_00111_34233_6375.N1	16-SEP-2008 14:37:31	Dark	42.500	9	Alp Eri	0.45300	24000.	85	34233	No
135	GOM_NL__2PRFIN20080916_144313_000000432072_00111_34233_6376.N1	16-SEP-2008 14:43:13	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34233	No
136	GOM_NL__2PRFIN20080916_145050_000000492072_00111_34233_6377.N1	16-SEP-2008 14:50:50	Tw_i_and_stray	49.000	52	16Bet Cet	2.0370	4500.0	98	34233	No
137	GOM_NL__2PRFIN20080916_150138_000000402072_00111_34233_6378.N1	16-SEP-2008 15:01:38	Bright	40.000	90	54Alp Peg	2.4870	11000.	80	34233	No
138	GOM_NL__2PRFIN20080916_150529_000000392072_00111_34233_6379.N1	16-SEP-2008 15:05:29	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34233	No
139	GOM_NL__2PRFIN20080916_150728_000000482072_00111_34233_6380.N1	16-SEP-2008 15:07:28	Bright	47.500	58	21Alp And	2.0730	11000.	95	34233	No
140	GOM_NL__2PRFIN20080916_151542_000000412072_00111_34233_6381.N1	16-SEP-2008 15:15:42	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	34233	No
141	GOM_NL__2PRFIN20080916_151728_000000412072_00111_34233_6382.N1	16-SEP-2008 15:17:28	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	34233	No
142	GOM_NL__2PRFIN20080916_154004_000000452072_00111_34233_6383.N1	16-SEP-2008 15:40:04	Bright	45.000	24	66Alp Gem	1.5800	10200.	90	34233	No
143	GOM_NL__2PRFIN20080916_154851_000000602072_00111_34233_6384.N1	16-SEP-2008 15:48:51	Dark	59.500	8	10Alp CMi	0.40000	6500.0	119	34233	No
144	GOM_NL__2PRFIN20080916_155616_000000412072_00111_34233_6385.N1	16-SEP-2008 15:56:16	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	34233	No
145	GOM_NL__2PRFIN20080916_155805_000000622072_00111_34233_6386.N1	16-SEP-2008 15:58:05	Dark	62.000	1	9Alp CMa	-1.4400	11000.	124	34233	No
146	GOM_NL__2PRFIN20080916_160015_000000512072_00111_34233_6387.N1	16-SEP-2008 16:00:15	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	34233	No
147	GOM_NL__2PRFIN20080916_160628_000000562072_00112_34234_6393.N1	16-SEP-2008 16:06:28	Dark	55.500	2	Alp Car	-0.73600	7000.0	111	34234	No
148	GOM_NL__2PRFIN20080916_161642_000000382072_00112_34234_6394.N1	16-SEP-2008 16:16:42	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	34234	No
149	GOM_NL__2PRFIN20080916_161807_000000452072_00112_34234_6395.N1	16-SEP-2008 16:18:07	Dark	44.500	9	Alp Eri	0.45300	24000.	89	34234	No
150	GOM_NL__2PRFIN20080916_162350_000000432072_00112_34234_6396.N1	16-SEP-2008 16:23:50	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	34234	No
151	GOM_NL__2PRFIN20080916_163126_000000552072_00112_34234_6397.N1	16-SEP-2008 16:31:26	Tw_i_and_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	34234	No
152	GOM_NL__2PRFIN20080916_164214_000000402072_00112_34234_6398.N1	16-SEP-2008 16:42:14	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	34234	No
153	GOM_NL__2PRFIN20080916_164605_000000402072_00112_34234_6399.N1	16-SEP-2008 16:46:05	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	34234	No
154	GOM_NL__2PRFIN20080916_164803_000000492072_00112_34234_6400.N1	16-SEP-2008 16:48:03	Bright	49.000	58	21Alp And	2.0730	11000.	98	34234	No
155	GOM_NL__2PRFIN20080916_165617_000000412072_00112_34234_6401.N1	16-SEP-2008 16:56:17	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	34234	No
156	GOM_NL__2PRFIN20080916_165804_000000422072_00112_34234_6402.N1	16-SEP-2008 16:58:04	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	34234	No
157	GOM_NL__2PRFIN20080916_172040_000000452072_00112_34234_6403.N1	16-SEP-2008 17:20:40	Bright	45.000	24	66Alp Gem	1.5800	10200.	90	34234	No
158	GOM_NL__2PRFIN20080916_172927_000000572072_00112_34234_6404.N1	16-SEP-2008 17:29:27	Dark	57.000	8	10Alp CMi	0.40000	6500.0	114	34234	No
159	GOM_NL__2PRFIN20080916_173652_000000412072_00112_34234_6405.N1	16-SEP-2008 17:36:52	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	34234	No
160	GOM_NL__2PRFIN20080916_173842_000000612072_00112_34234_6406.N1	16-SEP-2008 17:38:42	Dark	61.000	1	9Alp CMa	-1.4400	11000.	122	34234	No

161	GOM_NL__2PRFIN20080916_174052_000000492072_00112_34234_6407.N1	16-SEP-2008 17:40:52	Dark	49.000	23	21Eps CMa	1.5020	26000.	98	34234	No
162	GOM_NL__2PRFIN20080916_174704_000000572072_00113_34235_6415.N1	16-SEP-2008 17:47:04	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	34235	No
163	GOM_NL__2PRFIN20080916_175718_000000382072_00113_34235_6416.N1	16-SEP-2008 17:57:18	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	34235	No
164	GOM_NL__2PRFIN20080916_175844_000000422072_00113_34235_6417.N1	16-SEP-2008 17:58:44	Dark	42.000	9	Alp Eri	0.45300	24000.	84	34235	No
165	GOM_NL__2PRFIN20080916_180426_000000442072_00113_34235_6418.N1	16-SEP-2008 18:04:26	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	34235	No
166	GOM_NL__2PRFIN20080916_181202_000000552072_00113_34235_6419.N1	16-SEP-2008 18:12:02	Tw_i_and_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	34235	No
167	GOM_NL__2PRFIN20080916_182249_000000392072_00113_34235_6420.N1	16-SEP-2008 18:22:49	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34235	No
168	GOM_NL__2PRFIN20080916_182640_000000382072_00113_34235_6421.N1	16-SEP-2008 18:26:40	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	34235	No
169	GOM_NL__2PRFIN20080916_182839_000000462072_00113_34235_6422.N1	16-SEP-2008 18:28:39	Bright	45.500	58	21Alp And	2.0730	11000.	91	34235	No
170	GOM_NL__2PRFIN20080916_183653_000000412072_00113_34235_6423.N1	16-SEP-2008 18:36:53	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	34235	No
171	GOM_NL__2PRFIN20080916_183839_000000432072_00113_34235_6424.N1	16-SEP-2008 18:38:39	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	34235	No
172	GOM_NL__2PRFIN20080916_190116_000000442072_00113_34235_6425.N1	16-SEP-2008 19:01:16	Bright	43.500	24	66Alp Gem	1.5800	10200.	87	34235	No
173	GOM_NL__2PRFIN20080916_191004_000000592072_00113_34235_6426.N1	16-SEP-2008 19:10:04	Dark	59.000	8	10Alp CMi	0.40000	6500.0	118	34235	No
174	GOM_NL__2PRFIN20080916_191729_000000392072_00113_34235_6427.N1	16-SEP-2008 19:17:29	Dark	39.000	132	15Rho Pup	2.8030	6900.0	78	34235	No
175	GOM_NL__2PRFIN20080916_191919_000000572072_00113_34235_6428.N1	16-SEP-2008 19:19:19	Dark	57.000	1	9Alp CMa	-1.4400	11000.	114	34235	No
176	GOM_NL__2PRFIN20080916_192128_000000452072_00113_34235_6429.N1	16-SEP-2008 19:21:28	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	34235	No
177	GOM_NL__2PRFIN20080916_192741_000000542072_00114_34236_6456.N1	16-SEP-2008 19:27:41	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	34236	No
178	GOM_NL__2PRFIN20080916_193754_000000392072_00114_34236_6457.N1	16-SEP-2008 19:37:54	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	34236	No
179	GOM_NL__2PRFIN20080916_193920_000000512072_00114_34236_6458.N1	16-SEP-2008 19:39:20	Dark	51.000	9	Alp Eri	0.45300	24000.	102	34236	No
180	GOM_NL__2PRFIN20080916_194502_000000422072_00114_34236_6459.N1	16-SEP-2008 19:45:02	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	34236	No
181	GOM_NL__2PRFIN20080916_195238_000000532072_00114_34236_6460.N1	16-SEP-2008 19:52:38	Tw_i_and_stray	53.000	52	16Bet Cet	2.0370	4500.0	106	34236	No
182	GOM_NL__2PRFIN20080916_200325_000000402072_00114_34236_6461.N1	16-SEP-2008 20:03:25	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	34236	No
183	GOM_NL__2PRFIN20080916_200716_000000412072_00114_34236_6462.N1	16-SEP-2008 20:07:16	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	34236	No
184	GOM_NL__2PRFIN20080916_200914_000000452072_00114_34236_6463.N1	16-SEP-2008 20:09:14	Bright	44.500	58	21Alp And	2.0730	11000.	89	34236	No
185	GOM_NL__2PRFIN20080916_201729_000000412072_00114_34236_6464.N1	16-SEP-2008 20:17:29	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	34236	No
186	GOM_NL__2PRFIN20080916_201914_000000422072_00114_34236_6465.N1	16-SEP-2008 20:19:14	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	34236	No
187	GOM_NL__2PRFIN20080916_204152_000000452072_00114_34236_6466.N1	16-SEP-2008 20:41:52	Bright	44.500	24	66Alp Gem	1.5800	10200.	89	34236	No
188	GOM_NL__2PRFIN20080916_205040_000000542072_00114_34236_6467.N1	16-SEP-2008 20:50:40	Dark	53.500	8	10Alp CMi	0.40000	6500.0	107	34236	No
189	GOM_NL__2PRFIN20080916_205805_000000422072_00114_34236_6468.N1	16-SEP-2008 20:58:05	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	34236	No
190	GOM_NL__2PRFIN20080916_205956_000000602072_00114_34236_6469.N1	16-SEP-2008 20:59:56	Dark	59.500	1	9Alp CMa	-1.4400	11000.	119	34236	No
191	GOM_NL__2PRFIN20080916_210205_000000482072_00114_34236_6470.N1	16-SEP-2008 21:02:05	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	34236	No
192	GOM_NL__2PRFIN20080916_210817_000000422072_00115_34237_6480.N1	16-SEP-2008 21:08:17	Dark	42.000	2	Alp Car	-0.73600	7000.0	84	34237	No
193	GOM_NL__2PRFIN20080916_211831_000000392072_00115_34237_6481.N1	16-SEP-2008 21:18:31	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	34237	No
194	GOM_NL__2PRFIN20080916_211956_000000512072_00115_34237_6482.N1	16-SEP-2008 21:19:56	Dark	51.000	9	Alp Eri	0.45300	24000.	102	34237	No
195	GOM_NL__2PRFIN20080916_212539_000000462072_00115_34237_6483.N1	16-SEP-2008 21:25:39	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	34237	No
196	GOM_NL__2PRFIN20080916_213314_000000542072_00115_34237_6484.N1	16-SEP-2008 21:33:14	Tw_i_and_stray	53.500	52	16Bet Cet	2.0370	4500.0	107	34237	No
197	GOM_NL__2PRFIN20080916_214401_000000392072_00115_34237_6485.N1	16-SEP-2008 21:44:01	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34237	No
198	GOM_NL__2PRFIN20080916_214752_000000412072_00115_34237_6486.N1	16-SEP-2008 21:47:52	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	34237	No
199	GOM_NL__2PRFIN20080916_214949_000000472072_00115_34237_6487.N1	16-SEP-2008 21:49:49	Bright	46.500	58	21Alp And	2.0730	11000.	93	34237	No
200	GOM_NL__2PRFIN20080916_215804_000000402072_00115_34237_6488.N1	16-SEP-2008 21:58:04	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	34237	No
201	GOM_NL__2PRFIN20080916_215950_000000422072_00115_34237_6489.N1	16-SEP-2008 21:59:50	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	34237	No
202	GOM_NL__2PRFIN20080916_222228_000000472072_00115_34237_6490.N1	16-SEP-2008 22:22:28	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	34237	No
203	GOM_NL__2PRFIN20080916_223117_000000572072_00115_34237_6491.N1	16-SEP-2008 22:31:17	Dark	57.000	8	10Alp CMi	0.40000	6500.0	114	34237	No
204	GOM_NL__2PRFIN20080916_223842_000000422072_00115_34237_6492.N1	16-SEP-2008 22:38:42	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	34237	No
205	GOM_NL__2PRFIN20080916_224033_000000672072_00115_34237_6493.N1	16-SEP-2008 22:40:33	Dark	67.000	1	9Alp CMa	-1.4400	11000.	134	34237	No
206	GOM_NL__2PRFIN20080916_224242_000000522072_00115_34237_6494.N1	16-SEP-2008 22:42:42	Dark	51.500	23	21Eps CMa	1.5020	26000.	103	34237	No
207	GOM_NL__2PRFIN20080916_224854_000000572072_00116_34238_6502.N1	16-SEP-2008 22:48:54	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	34238	No
208	GOM_NL__2PRFIN20080916_225907_000000392072_00116_34238_6503.N1	16-SEP-2008 22:59:07	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	34238	No
209	GOM_NL__2PRFIN20080916_230033_000000502072_00116_34238_6504.N1	16-SEP-2008 23:00:33	Dark	50.000	9	Alp Eri	0.45300	24000.	100	34238	No
210	GOM_NL__2PRFIN20080916_230615_000000432072_00116_34238_6505.N1	16-SEP-2008 23:06:15	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34238	No
211	GOM_NL__2PRFIN20080916_231350_000000562072_00116_34238_6506.N1	16-SEP-2008 23:13:50	Tw_i_and_stray	56.000	52	16Bet Cet	2.0370	4500.0	112	34238	No
212	GOM_NL__2PRFIN20080916_232437_000000392072_00116_34238_6507.N1	16-SEP-2008 23:24:37	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34238	No
213	GOM_NL__2PRFIN20080916_232827_000000372072_00116_34238_6508.N1	16-SEP-2008 23:28:27	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	34238	No
214	GOM_NL__2PRFIN20080916_233025_000000472072_00116_34238_6509.N1	16-SEP-2008 23:30:25	Bright	47.000	58	21Alp And	2.0730	11000.	94	34238	No
215	GOM_NL__2PRFIN20080916_233839_000000422072_00116_34238_6510.N1	16-SEP-2008 23:38:39	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	34238	No
216	GOM_NL__2PRFIN20080916_234025_000000382072_00116_34238_6511.N1	16-SEP-2008 23:40:25	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	34238	No

3. Quality information per product

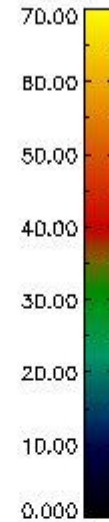
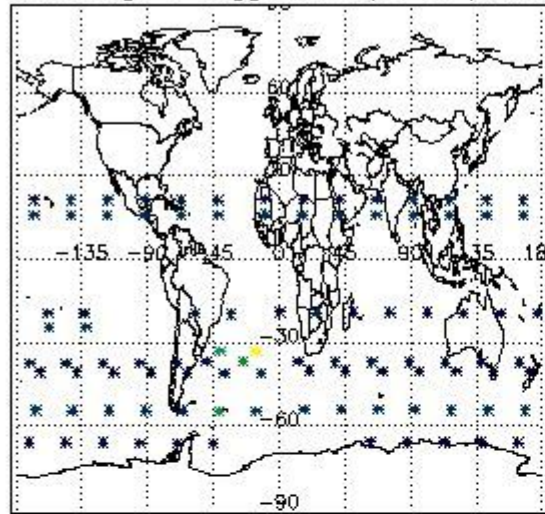
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

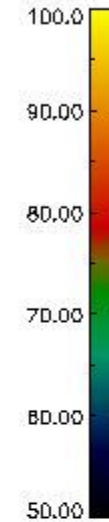
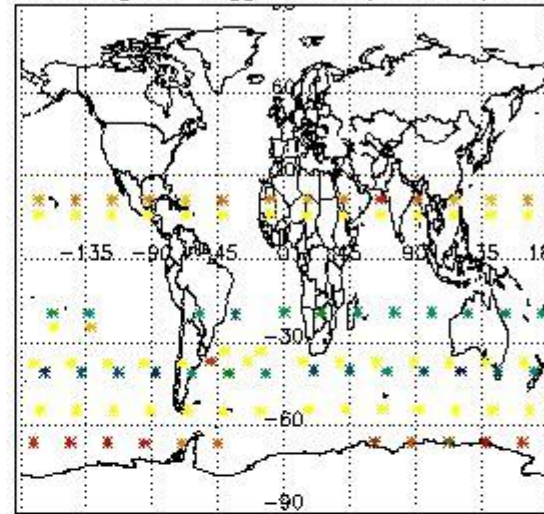


3.2 Plot quality information per product (world map)

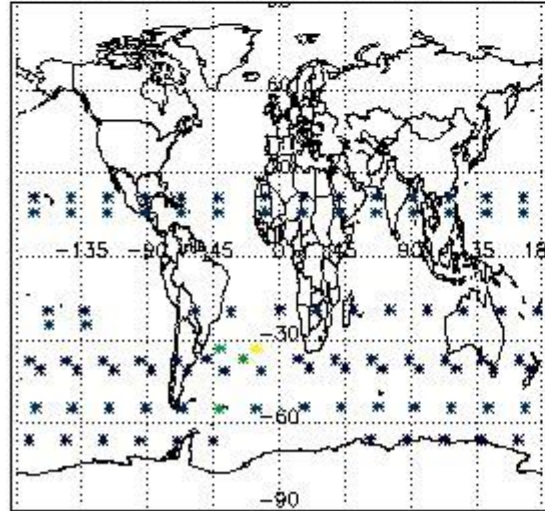
Percentage of flagged data per O3 profile



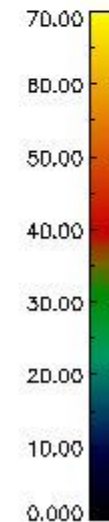
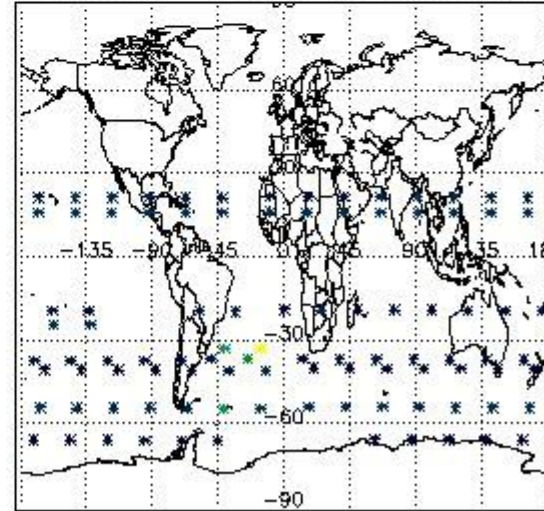
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

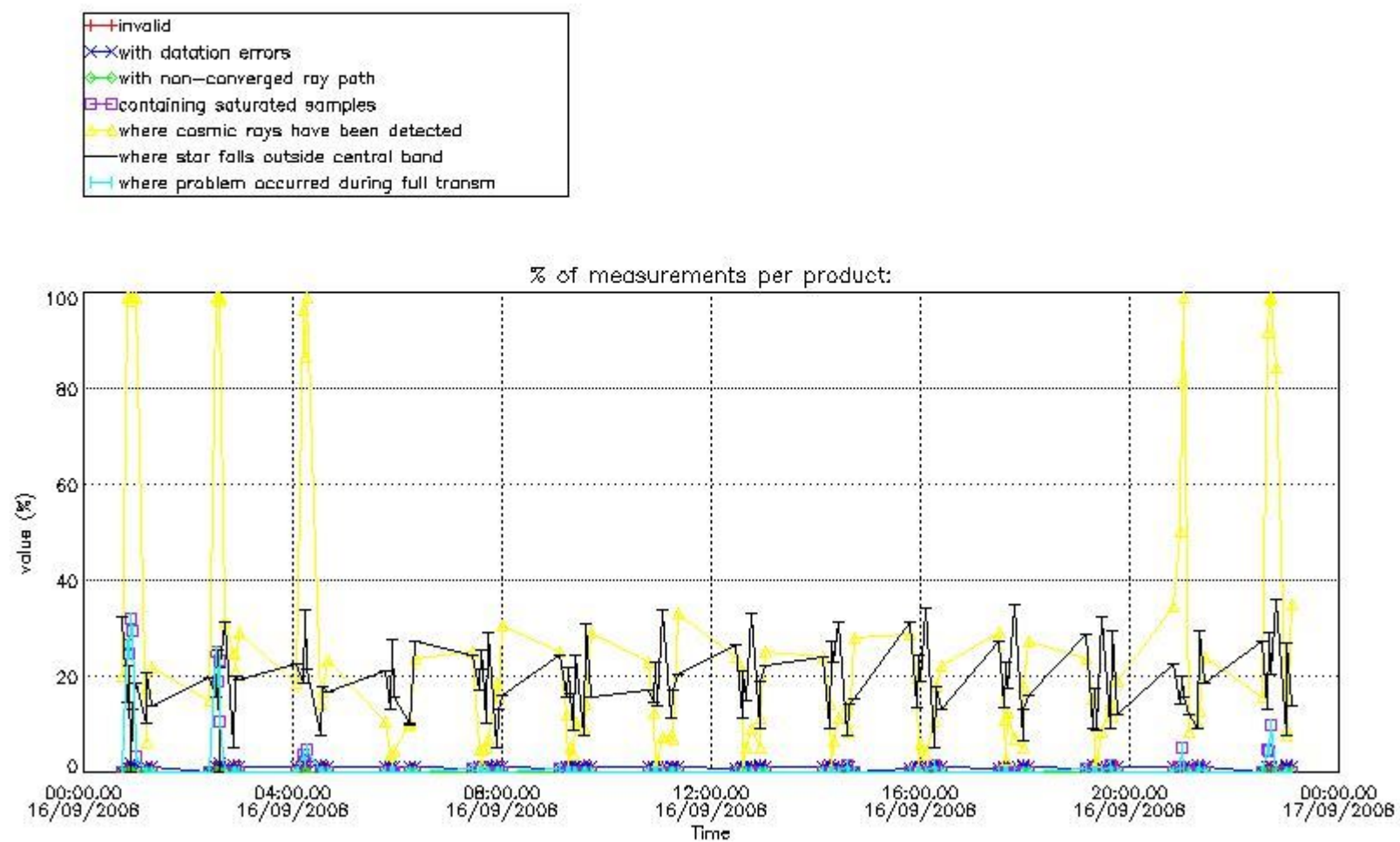


4. Level 1 quality information per product

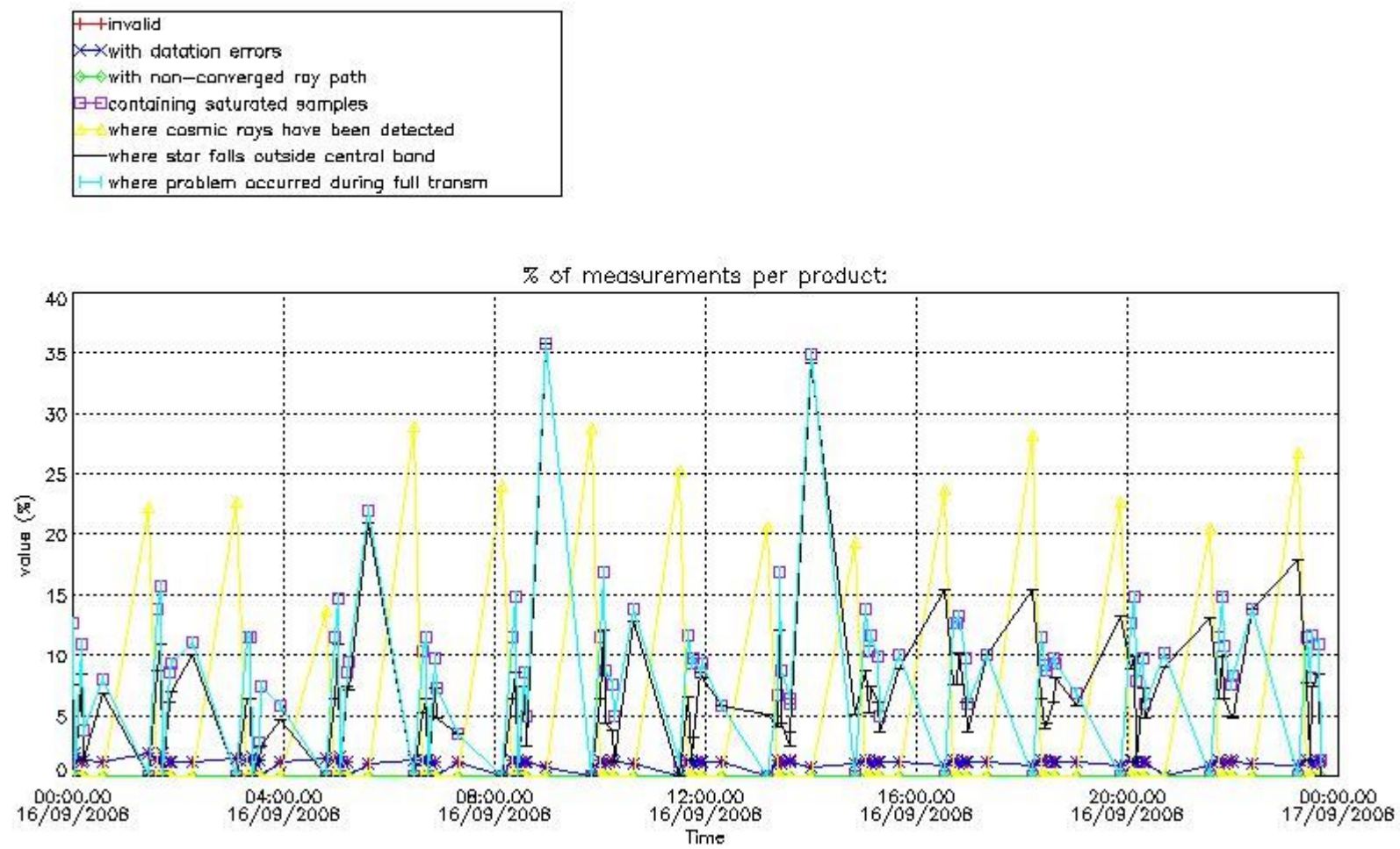
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

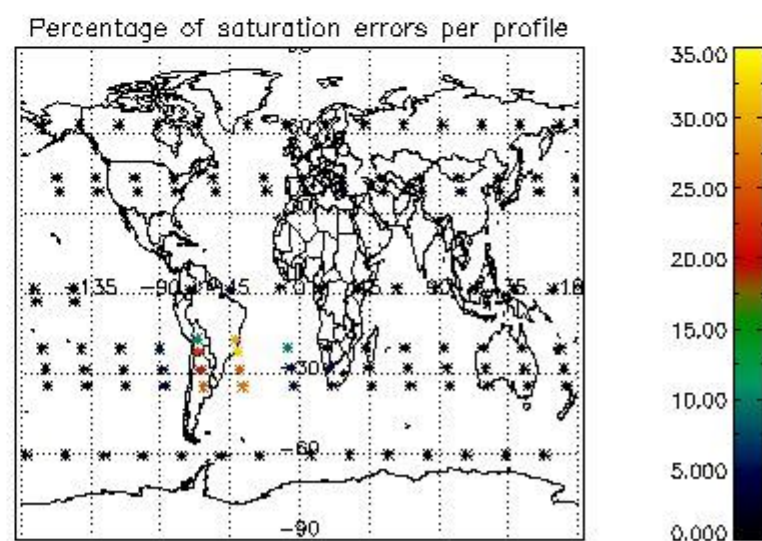
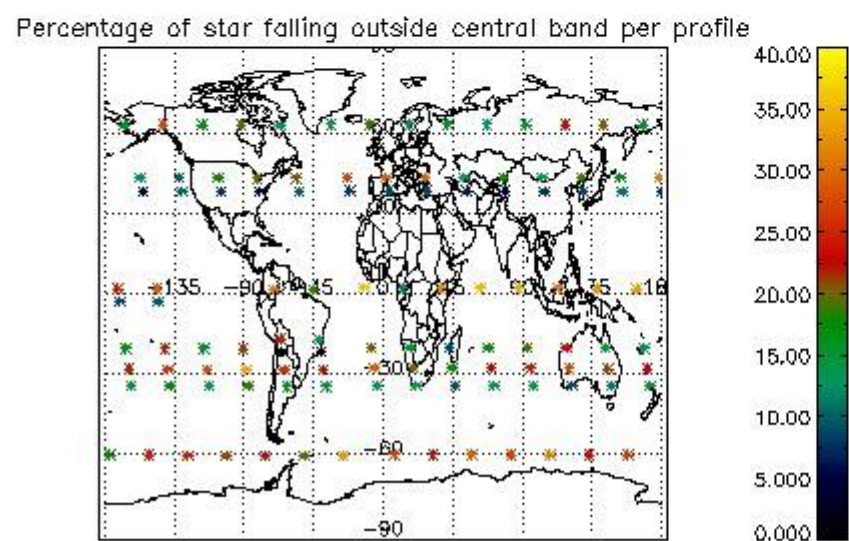
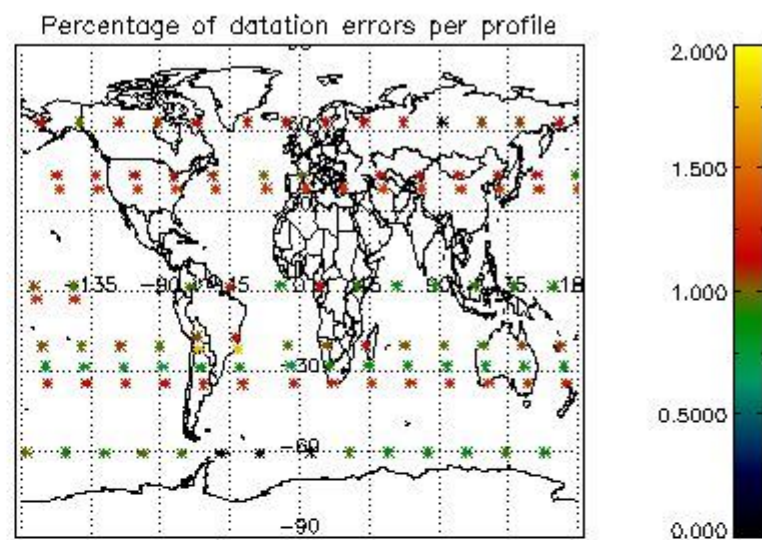
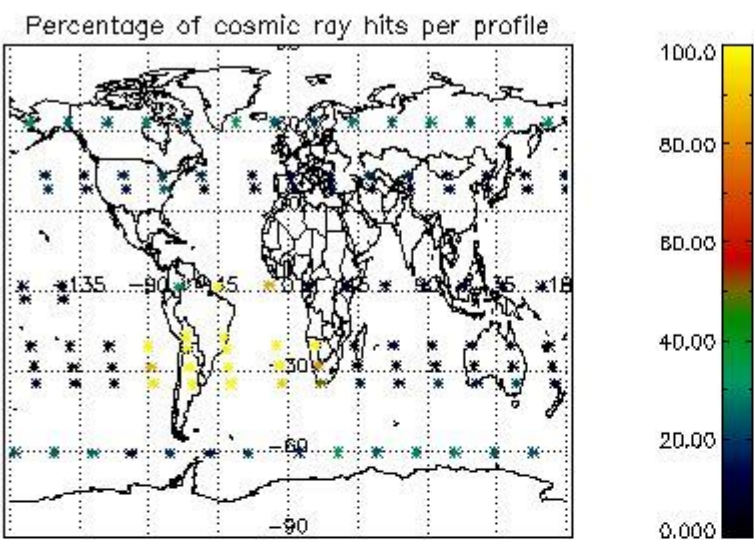


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

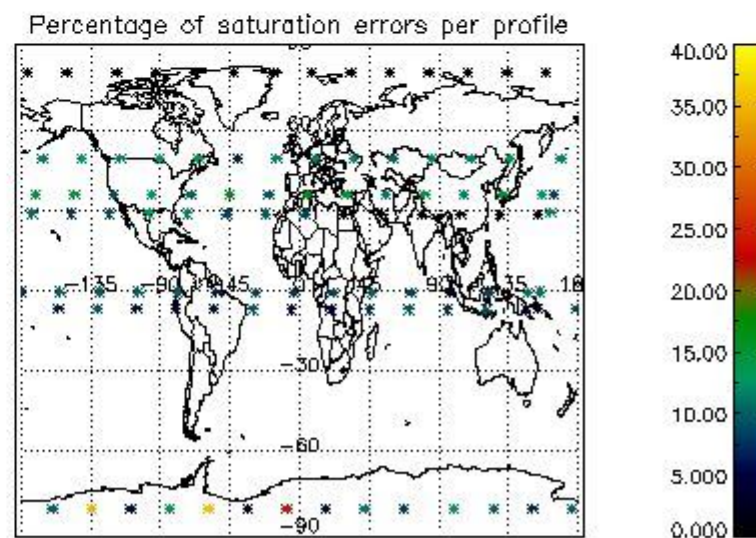
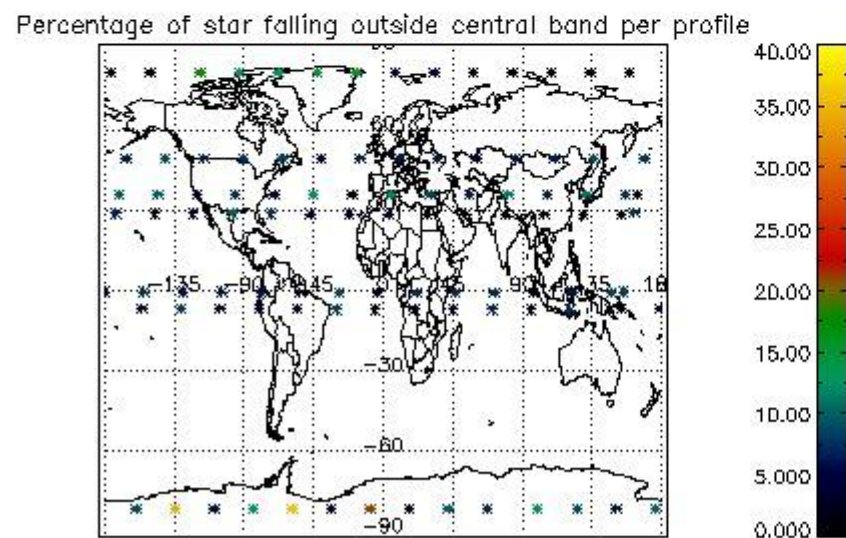
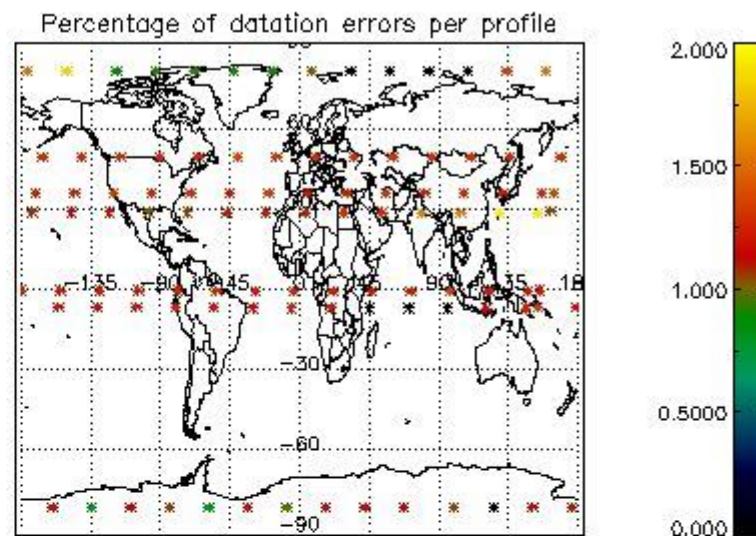
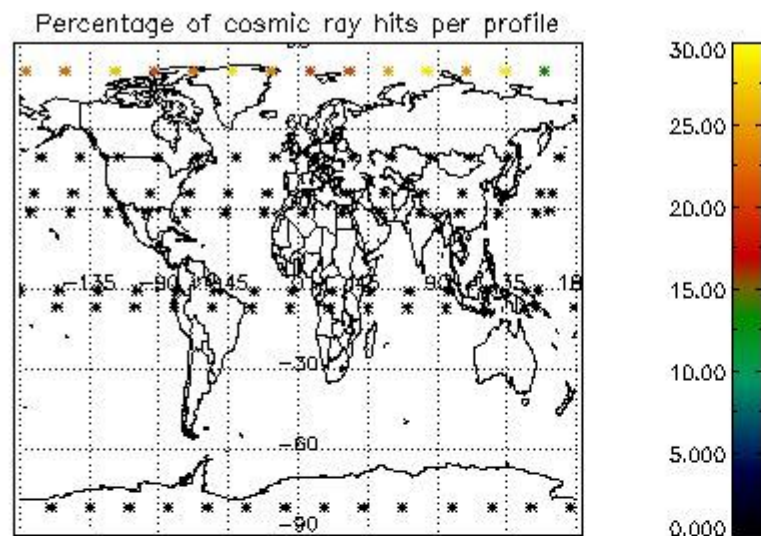


4.2 Plot quality information per product coming from level 1b processing (world map)

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

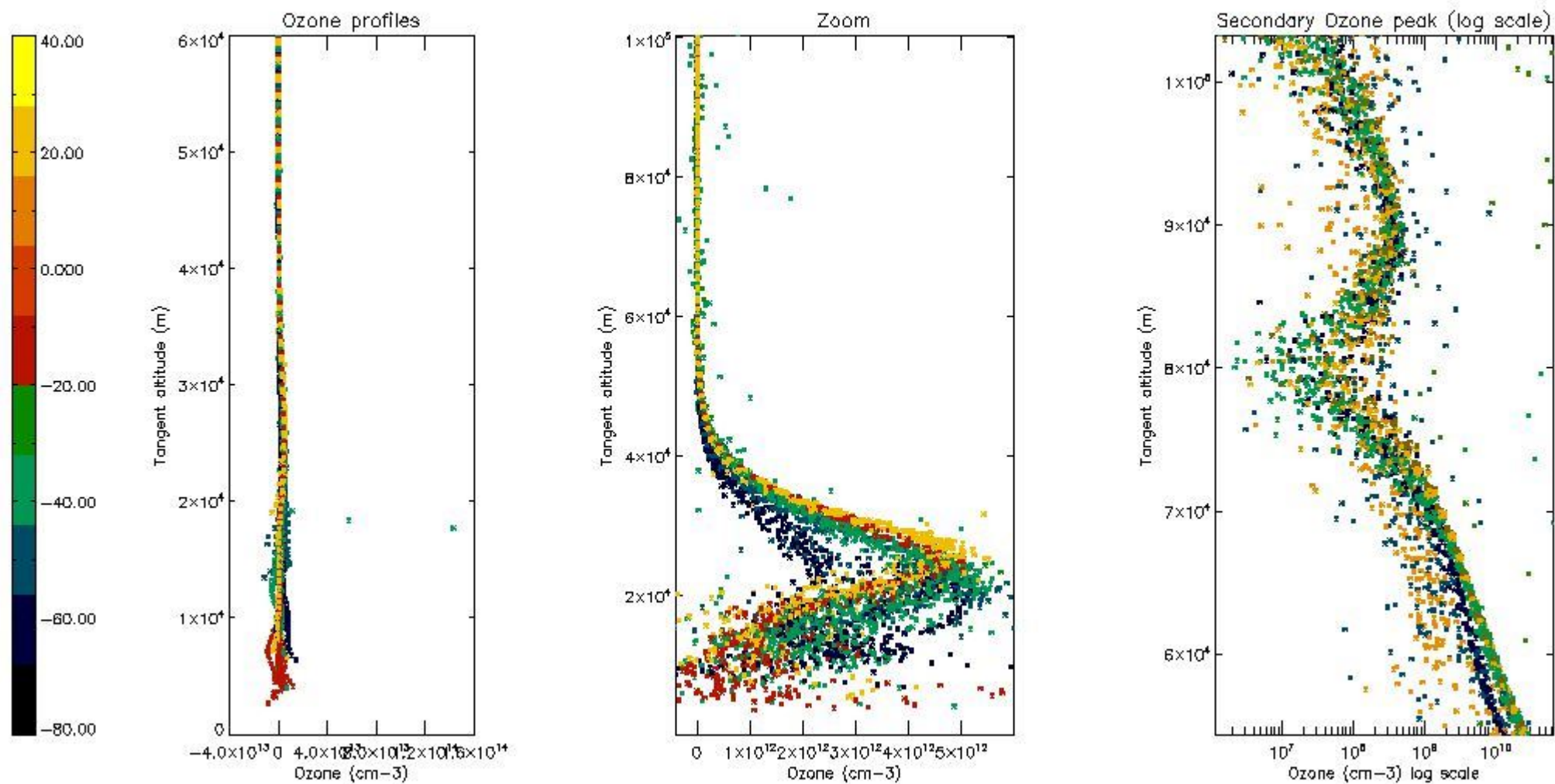
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	49
STD < 20	30

STD < 10	24
STD < 5	19

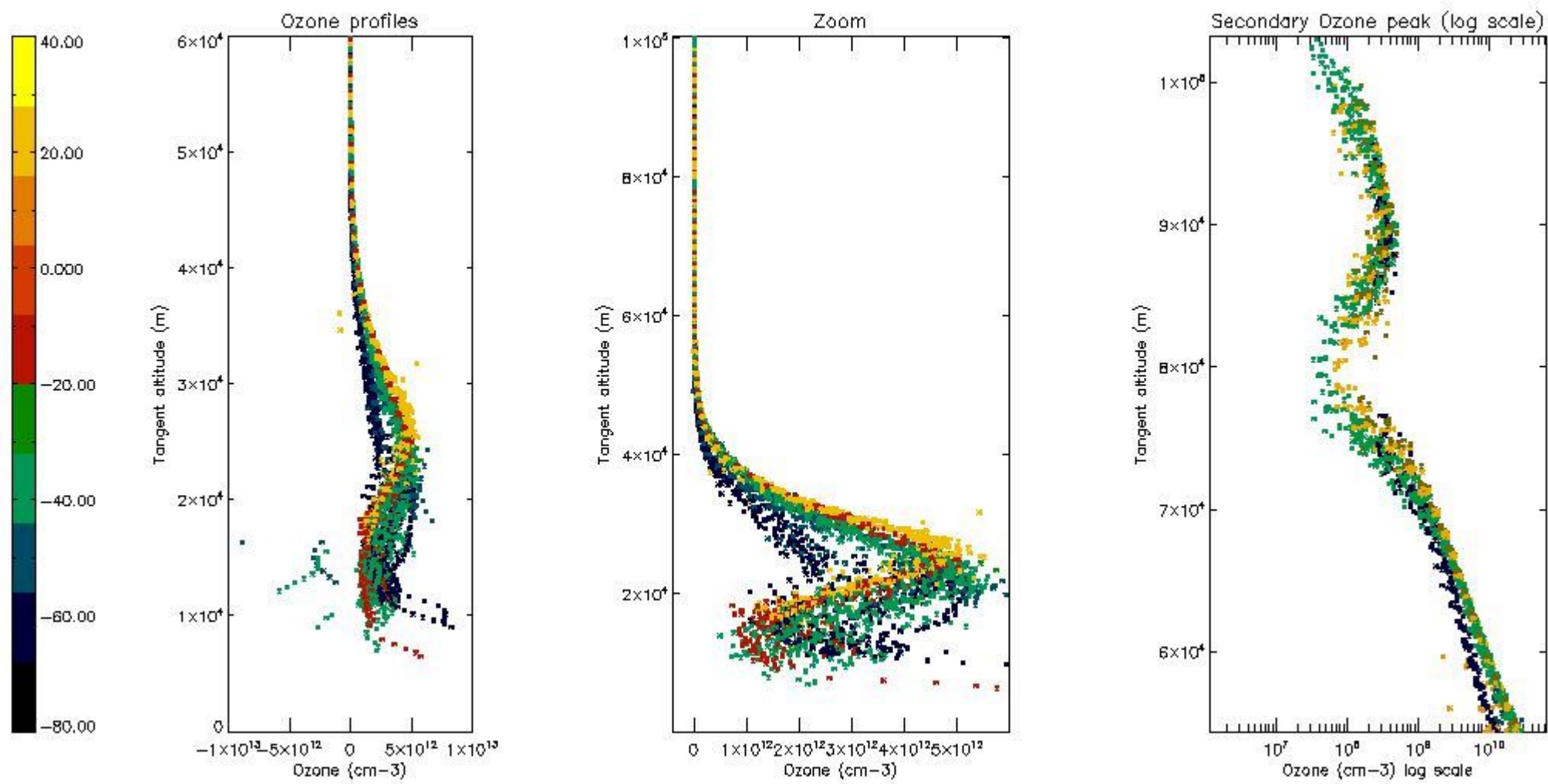
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



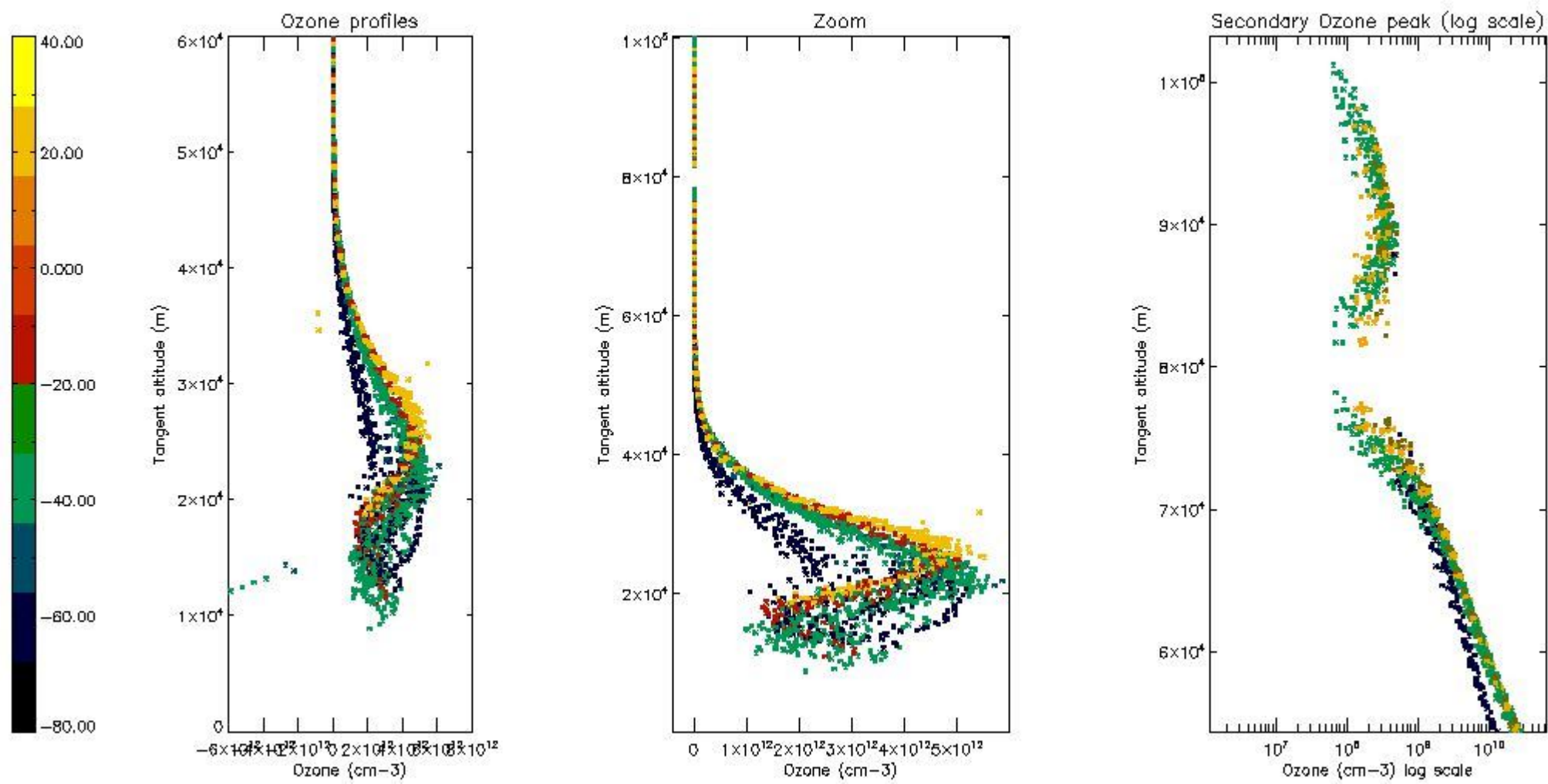
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



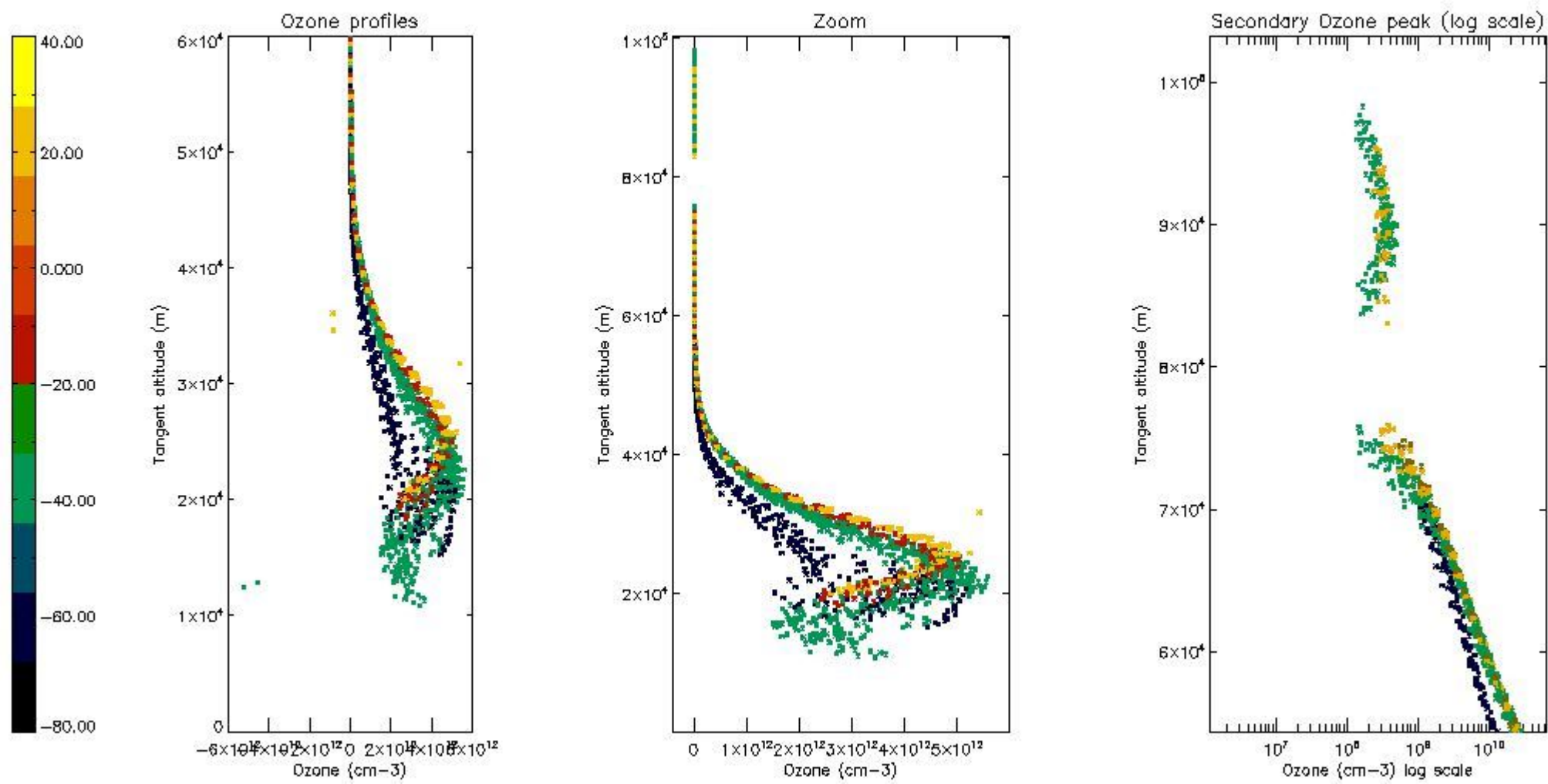
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



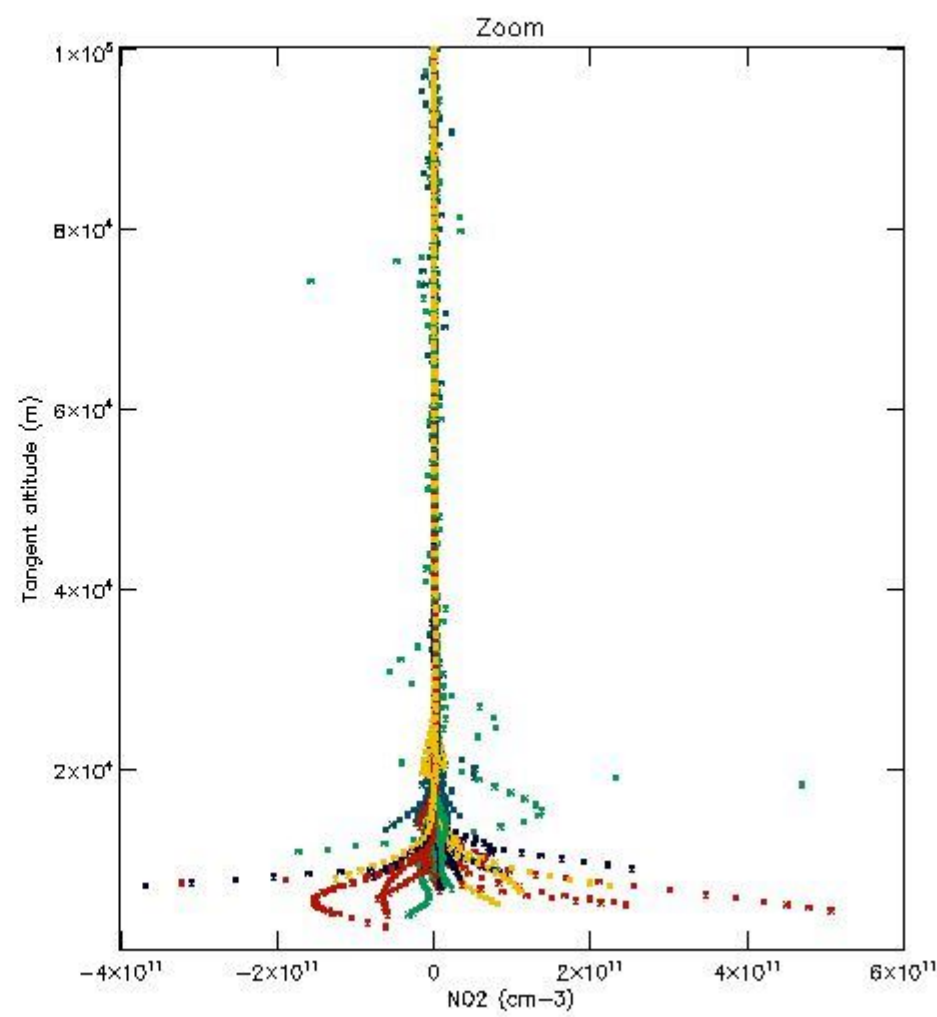
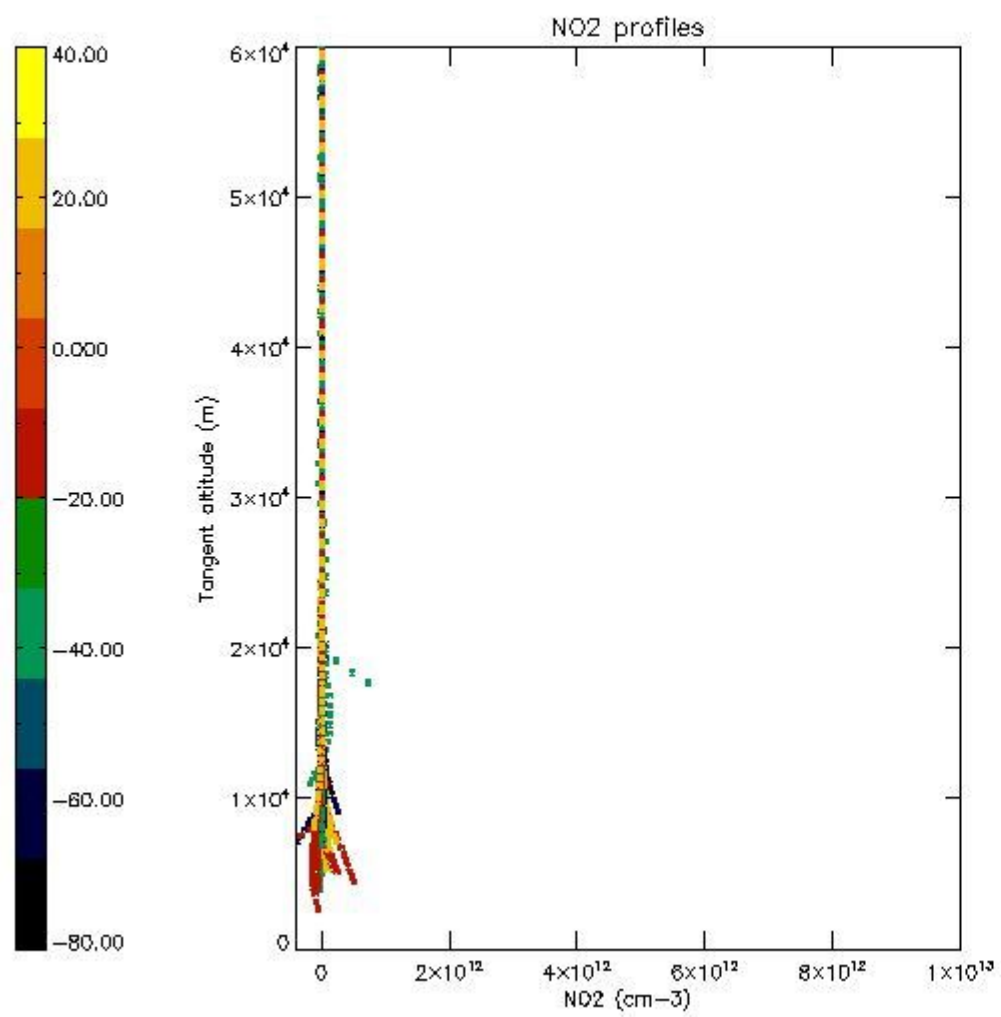
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



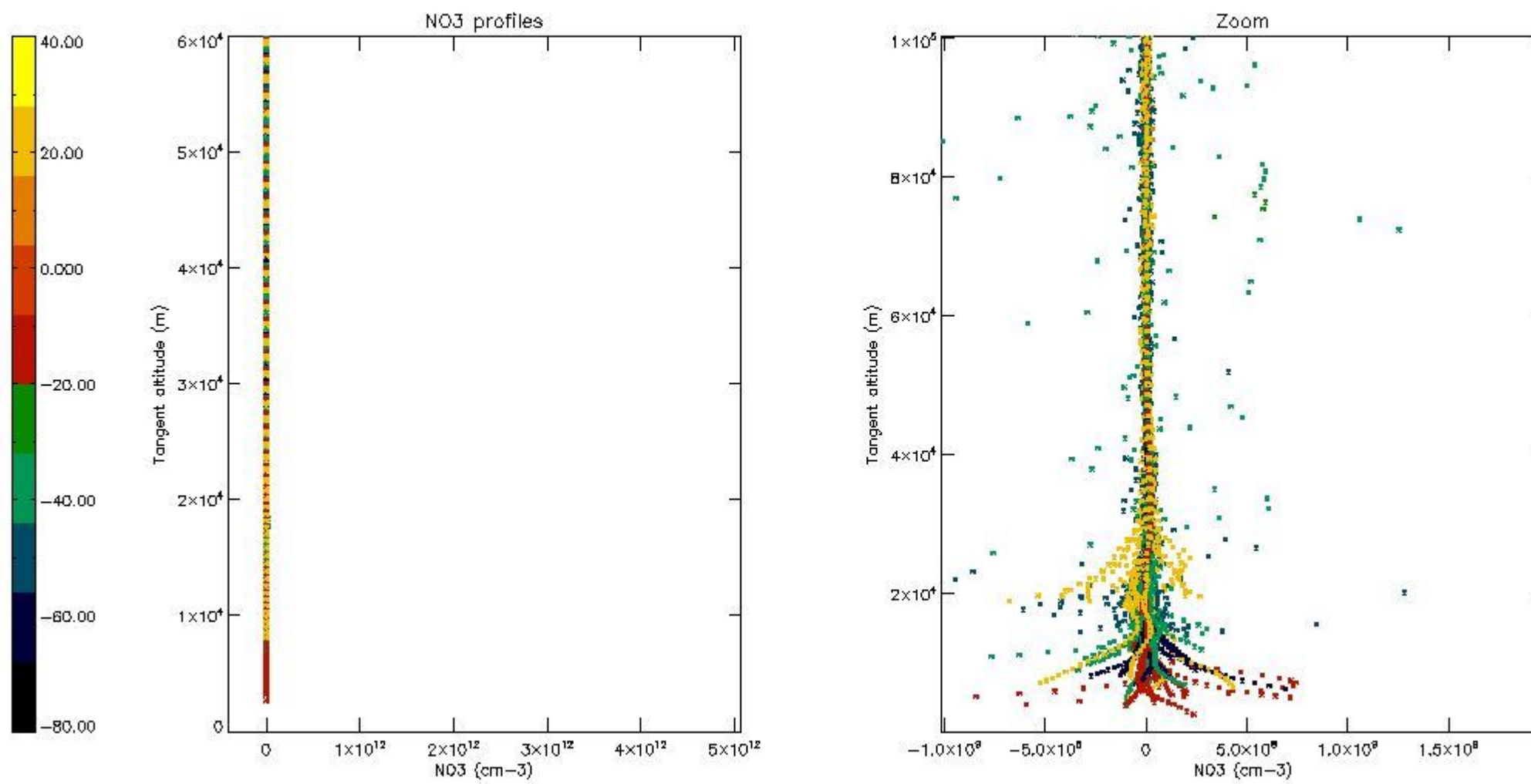
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



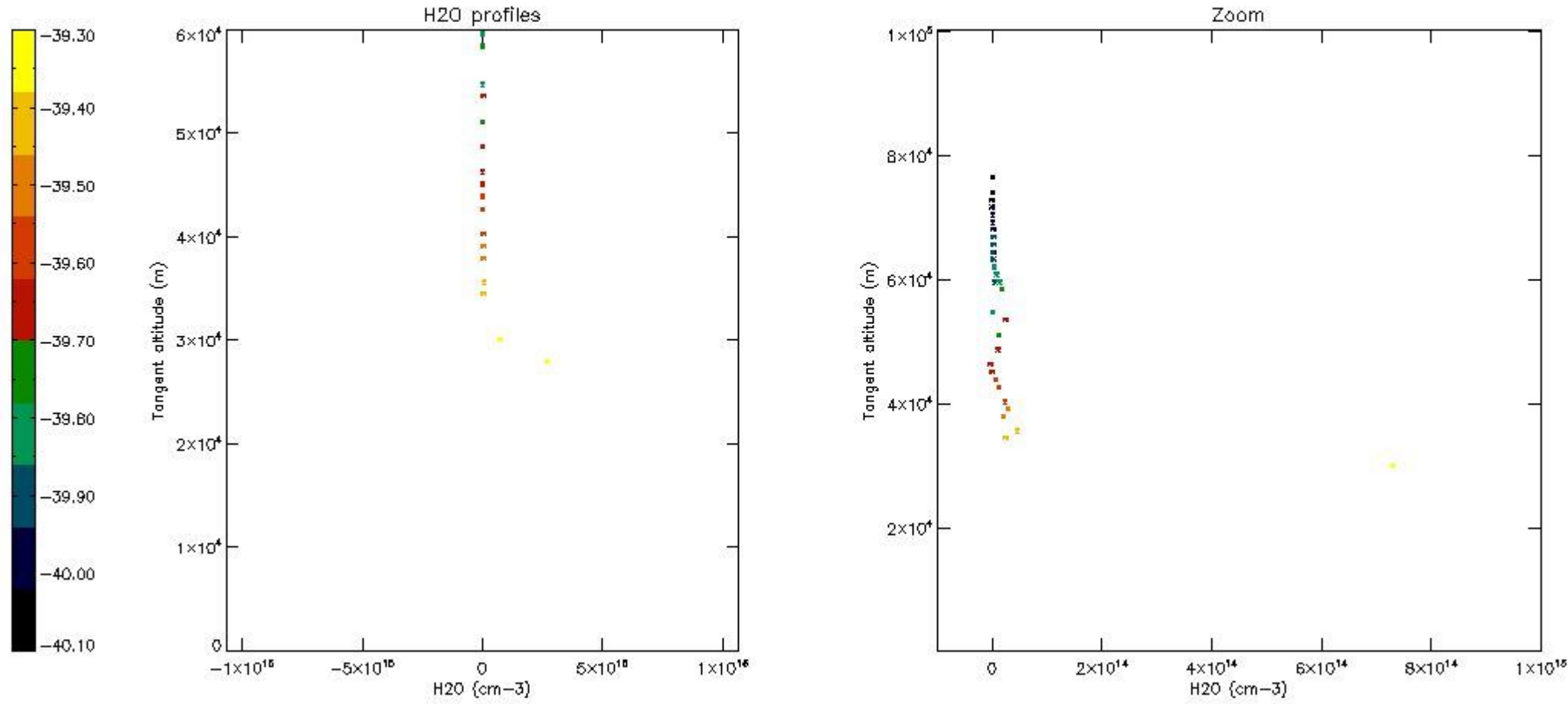
5.7 Plot NO3 profiles for all STD (dark without errors)

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	16-SEP-2008 00:00:08
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	16-SEP-2008 00:00:08
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	16-SEP-2008 00:00:08

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	25APR2013 19:59:40
Data source version	GOMOS/6.01
Start time of products	16-09-2008 (16SEP2008 00:00:00)
Stop time of products	17-09-2008 (17SEP2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	216
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__2PRFIN20080916_000008_000000402072_00102_34224_6145.N1	16-SEP-2008 00:00:08	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	34224	No
2	GOM_NL__2PRFIN20080916_000211_000000262072_00102_34224_6146.N1	16-SEP-2008 00:02:11	Twilight	26.000	58	21Alp And	2.0730	11000.	52	34224	No
3	GOM_NL__2PRFIN20080916_001022_000000422072_00102_34224_6147.N1	16-SEP-2008 00:10:22	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	34224	No
4	GOM_NL__2PRFIN20080916_001210_000000402072_00102_34224_6148.N1	16-SEP-2008 00:12:10	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	34224	No
5	GOM_NL__2PRFIN20080916_003439_000000442072_00102_34224_6149.N1	16-SEP-2008 00:34:39	Bright	44.000	24	66Alp Gem	1.5800	10200.	88	34224	No
6	GOM_NL__2PRFIN20080916_004322_000000602072_00102_34224_6150.N1	16-SEP-2008 00:43:22	Twilight	60.000	8	10Alp CMi	0.40000	6500.0	120	34224	No
7	GOM_NL__2PRFIN20080916_005048_000000422072_00102_34224_6151.N1	16-SEP-2008 00:50:48	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	34224	No
8	GOM_NL__2PRFIN20080916_005232_000000592072_00102_34224_6152.N1	16-SEP-2008 00:52:32	Dark	59.000	1	9Alp CMa	-1.4400	11000.	118	34224	No
9	GOM_NL__2PRFIN20080916_005427_000000282072_00102_34224_6153.N1	16-SEP-2008 00:54:27	Dark	28.000	47	2Bet CMa	1.9760	28000.	56	34224	No
10	GOM_NL__2PRFIN20080916_005545_000000432072_00102_34224_6154.N1	16-SEP-2008 00:55:45	Dark	42.500	117	Pi Pup	2.7060	3800.0	85	34224	No
11	GOM_NL__2PRFIN20080916_010059_000000462072_00103_34225_6163.N1	16-SEP-2008 01:00:59	Dark	45.500	2	Alp Car	-0.73600	7000.0	91	34225	No
12	GOM_NL__2PRFIN20080916_011114_000000402072_00103_34225_6164.N1	16-SEP-2008 01:11:14	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	34225	No
13	GOM_NL__2PRFIN20080916_011239_000000462072_00103_34225_6165.N1	16-SEP-2008 01:12:39	Dark	46.000	9	Alp Eri	0.45300	24000.	92	34225	No
14	GOM_NL__2PRFIN20080916_011823_000000442072_00103_34225_6166.N1	16-SEP-2008 01:18:23	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	34225	No
15	GOM_NL__2PRFIN20080916_012601_000000272072_00103_34225_6167.N1	16-SEP-2008 01:26:01	Twilight	27.000	52	16Bet Cet	2.0370	4500.0	54	34225	No
16	GOM_NL__2PRFIN20080916_013651_000000402072_00103_34225_6168.N1	16-SEP-2008 01:36:51	Bright	40.000	90	54Alp Peg	2.4870	11000.	80	34225	No
17	GOM_NL__2PRFIN20080916_014043_000000422072_00103_34225_6169.N1	16-SEP-2008 01:40:43	Bright	41.500	93	53Bet Peg	2.5200	3100.0	83	34225	No
18	GOM_NL__2PRFIN20080916_014246_000000262072_00103_34225_6170.N1	16-SEP-2008 01:42:46	Twilight	26.000	58	21Alp And	2.0730	11000.	52	34225	No
19	GOM_NL__2PRFIN20080916_015058_000000412072_00103_34225_6171.N1	16-SEP-2008 01:50:58	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	34225	No
20	GOM_NL__2PRFIN20080916_015245_000000432072_00103_34225_6172.N1	16-SEP-2008 01:52:45	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	34225	No
21	GOM_NL__2PRFIN20080916_021515_000000452072_00103_34225_6173.N1	16-SEP-2008 02:15:15	Bright	45.000	24	66Alp Gem	1.5800	10200.	90	34225	No
22	GOM_NL__2PRFIN20080916_022359_000000512072_00103_34225_6174.N1	16-SEP-2008 02:23:59	Twilight	50.500	8	10Alp CMi	0.40000	6500.0	101	34225	No
23	GOM_NL__2PRFIN20080916_023124_000000422072_00103_34225_6175.N1	16-SEP-2008 02:31:24	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	34225	No
24	GOM_NL__2PRFIN20080916_023309_000000632072_00103_34225_6176.N1	16-SEP-2008 02:33:09	Dark	63.000	1	9Alp CMa	-1.4400	11000.	126	34225	No
25	GOM_NL__2PRFIN20080916_023505_000000282072_00103_34225_6177.N1	16-SEP-2008 02:35:05	Dark	28.000	47	2Bet CMa	1.9760	28000.	56	34225	No
26	GOM_NL__2PRFIN20080916_023622_000000482072_00103_34225_6178.N1	16-SEP-2008 02:36:22	Dark	48.000	117	Pi Pup	2.7060	3800.0	96	34225	No
27	GOM_NL__2PRFIN20080916_024135_000000532072_00104_34226_6184.N1	16-SEP-2008 02:41:35	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	34226	No
28	GOM_NL__2PRFIN20080916_025150_000000392072_00104_34226_6185.N1	16-SEP-2008 02:51:50	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	34226	No
29	GOM_NL__2PRFIN20080916_025316_000000452072_00104_34226_6186.N1	16-SEP-2008 02:53:16	Dark	45.000	9	Alp Eri	0.45300	24000.	90	34226	No
30	GOM_NL__2PRFIN20080916_025859_000000472072_00104_34226_6187.N1	16-SEP-2008 02:58:59	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	34226	No
31	GOM_NL__2PRFIN20080916_030637_000000332072_00104_34226_6188.N1	16-SEP-2008 03:06:37	Twilight	33.000	52	16Bet Cet	2.0370	4500.0	66	34226	No
32	GOM_NL__2PRFIN20080916_031727_000000392072_00104_34226_6189.N1	16-SEP-2008 03:17:27	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34226	No
33	GOM_NL__2PRFIN20080916_032119_000000392072_00104_34226_6190.N1	16-SEP-2008 03:21:19	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	34226	No
34	GOM_NL__2PRFIN20080916_032321_000000322072_00104_34226_6191.N1	16-SEP-2008 03:23:21	Twilight	32.000	58	21Alp And	2.0730	11000.	64	34226	No
35	GOM_NL__2PRFIN20080916_033133_000000372072_00104_34226_6192.N1	16-SEP-2008 03:31:33	Bright	37.000	74	11Bet Cas	2.2680	6600.0	74	34226	No
36	GOM_NL__2PRFIN20080916_033321_000000412072_00104_34226_6193.N1	16-SEP-2008 03:33:21	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	34226	No
37	GOM_NL__2PRFIN20080916_035551_000000432072_00104_34226_6194.N1	16-SEP-2008 03:55:51	Bright	43.000	24	66Alp Gem	1.5800	10200.	86	34226	No
38	GOM_NL__2PRFIN20080916_040435_000000542072_00104_34226_6195.N1	16-SEP-2008 04:04:35	Twilight	53.500	8	10Alp CMi	0.40000	6500.0	107	34226	No
39	GOM_NL__2PRFIN20080916_041201_000000432072_00104_34226_6196.N1	16-SEP-2008 04:12:01	Dark	43.000	132	15Rho Pup	2.8030	6900.0	86	34226	No
40	GOM_NL__2PRFIN20080916_041346_000000712072_00104_34226_6197.N1	16-SEP-2008 04:13:46	Dark	71.000	1	9Alp CMa	-1.4400	11000.	142	34226	No
41	GOM_NL__2PRFIN20080916_041557_000000522072_00104_34226_6198.N1	16-SEP-2008 04:15:57	Dark	51.500	23	21Eps CMa	1.5020	26000.	103	34226	No
42	GOM_NL__2PRFIN20080916_043227_000000392072_00105_34227_6222.N1	16-SEP-2008 04:32:27	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	34227	No

43	GOM_NL__2PRFIN20080916_043352_000000452072_00105_34227_6223.N1	16-SEP-2008 04:33:52	Dark	44.500	9	Alp Eri	0.45300	24000.	89	34227	No
44	GOM_NL__2PRFIN20080916_043935_000000452072_00105_34227_6224.N1	16-SEP-2008 04:39:35	Straylight	45.000	84	Alp Phe	2.3970	4500.0	90	34227	No
45	GOM_NL__2PRFIN20080916_044713_000000332072_00105_34227_6225.N1	16-SEP-2008 04:47:13	Twilight_and_stray	33.000	52	16Bet Cet	2.0370	4500.0	66	34227	No
46	GOM_NL__2PRFIN20080916_045803_000000392072_00105_34227_6226.N1	16-SEP-2008 04:58:03	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34227	No
47	GOM_NL__2PRFIN20080916_050155_000000412072_00105_34227_6227.N1	16-SEP-2008 05:01:55	Bright	41.000	93	53Bet Peg	2.5200	3100.0	82	34227	No
48	GOM_NL__2PRFIN20080916_050356_000000322072_00105_34227_6228.N1	16-SEP-2008 05:03:56	Twilight_and_stray	32.000	58	21Alp And	2.0730	11000.	64	34227	No
49	GOM_NL__2PRFIN20080916_051209_000000412072_00105_34227_6229.N1	16-SEP-2008 05:12:09	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	34227	No
50	GOM_NL__2PRFIN20080916_051356_000000432072_00105_34227_6230.N1	16-SEP-2008 05:13:56	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	34227	No
51	GOM_NL__2PRFIN20080916_053628_000000532072_00105_34227_6231.N1	16-SEP-2008 05:36:28	Bright	52.500	24	66Alp Gem	1.5800	10200.	105	34227	No
52	GOM_NL__2PRFIN20080916_054512_000000532072_00105_34227_6232.N1	16-SEP-2008 05:45:12	Dark	52.500	8	10Alp CMi	0.40000	6500.0	105	34227	No
53	GOM_NL__2PRFIN20080916_055237_000000422072_00105_34227_6233.N1	16-SEP-2008 05:52:37	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	34227	No
54	GOM_NL__2PRFIN20080916_055423_000000652072_00105_34227_6234.N1	16-SEP-2008 05:54:23	Dark	65.000	1	9Alp CMa	-1.4400	11000.	130	34227	No
55	GOM_NL__2PRFIN20080916_055634_000000482072_00105_34227_6235.N1	16-SEP-2008 05:56:34	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	34227	No
56	GOM_NL__2PRFIN20080916_061303_000000402072_00106_34228_6246.N1	16-SEP-2008 06:13:03	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	34228	No
57	GOM_NL__2PRFIN20080916_061429_000000412072_00106_34228_6247.N1	16-SEP-2008 06:14:29	Dark	40.500	9	Alp Eri	0.45300	24000.	81	34228	No
58	GOM_NL__2PRFIN20080916_062012_000000512072_00106_34228_6248.N1	16-SEP-2008 06:20:12	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	34228	No
59	GOM_NL__2PRFIN20080916_062749_000000382072_00106_34228_6249.N1	16-SEP-2008 06:27:49	Twilight_and_stray	38.000	52	16Bet Cet	2.0370	4500.0	76	34228	No
60	GOM_NL__2PRFIN20080916_063839_000000392072_00106_34228_6250.N1	16-SEP-2008 06:38:39	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	34228	No
61	GOM_NL__2PRFIN20080916_064231_000000392072_00106_34228_6251.N1	16-SEP-2008 06:42:31	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	34228	No
62	GOM_NL__2PRFIN20080916_064432_000000392072_00106_34228_6252.N1	16-SEP-2008 06:44:32	Bright	39.000	58	21Alp And	2.0730	11000.	78	34228	No
63	GOM_NL__2PRFIN20080916_065244_000000412072_00106_34228_6253.N1	16-SEP-2008 06:52:44	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	34228	No
64	GOM_NL__2PRFIN20080916_065431_000000422072_00106_34228_6254.N1	16-SEP-2008 06:54:31	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	34228	No
65	GOM_NL__2PRFIN20080916_071704_000000432072_00106_34228_6255.N1	16-SEP-2008 07:17:04	Bright	42.500	24	66Alp Gem	1.5800	10200.	85	34228	No
66	GOM_NL__2PRFIN20080916_072548_000000562072_00106_34228_6256.N1	16-SEP-2008 07:25:48	Dark	55.500	8	10Alp CMi	0.40000	6500.0	111	34228	No
67	GOM_NL__2PRFIN20080916_073314_000000442072_00106_34228_6257.N1	16-SEP-2008 07:33:14	Dark	43.500	132	15Rho Pup	2.8030	6900.0	87	34228	No
68	GOM_NL__2PRFIN20080916_073500_000000632072_00106_34228_6258.N1	16-SEP-2008 07:35:00	Dark	62.500	1	9Alp CMa	-1.4400	11000.	125	34228	No
69	GOM_NL__2PRFIN20080916_073711_000000512072_00106_34228_6259.N1	16-SEP-2008 07:37:11	Dark	51.000	23	21Eps CMa	1.5020	26000.	102	34228	No
70	GOM_NL__2PRFIN20080916_074205_000000402072_00106_34228_6260.N1	16-SEP-2008 07:42:05	Dark	40.000	161	Tau Pup	2.9310	4500.0	80	34228	No
71	GOM_NL__2PRFIN20080916_074325_000000522072_00107_34229_6266.N1	16-SEP-2008 07:43:25	Dark	51.500	2	Alp Car	-0.73600	7000.0	103	34229	No
72	GOM_NL__2PRFIN20080916_075339_000000382072_00107_34229_6267.N1	16-SEP-2008 07:53:39	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	34229	No
73	GOM_NL__2PRFIN20080916_075505_000000422072_00107_34229_6268.N1	16-SEP-2008 07:55:05	Dark	41.500	9	Alp Eri	0.45300	24000.	83	34229	No
74	GOM_NL__2PRFIN20080916_080048_000000442072_00107_34229_6269.N1	16-SEP-2008 08:00:48	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	34229	No
75	GOM_NL__2PRFIN20080916_080826_000000382072_00107_34229_6270.N1	16-SEP-2008 08:08:26	Twilight_and_stray	37.500	52	16Bet Cet	2.0370	4500.0	75	34229	No
76	GOM_NL__2PRFIN20080916_081915_000000392072_00107_34229_6271.N1	16-SEP-2008 08:19:15	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34229	No
77	GOM_NL__2PRFIN20080916_082306_000000412072_00107_34229_6272.N1	16-SEP-2008 08:23:06	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	34229	No
78	GOM_NL__2PRFIN20080916_082507_000000392072_00107_34229_6273.N1	16-SEP-2008 08:25:07	Bright	39.000	58	21Alp And	2.0730	11000.	78	34229	No
79	GOM_NL__2PRFIN20080916_083320_000000412072_00107_34229_6274.N1	16-SEP-2008 08:33:20	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	34229	No
80	GOM_NL__2PRFIN20080916_083507_000000412072_00107_34229_6275.N1	16-SEP-2008 08:35:07	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	34229	No
81	GOM_NL__2PRFIN20080916_085740_000000632072_00107_34229_6276.N1	16-SEP-2008 08:57:40	Bright	63.000	24	66Alp Gem	1.5800	10200.	126	34229	No
82	GOM_NL__2PRFIN20080916_090625_000000562072_00107_34229_6277.N1	16-SEP-2008 09:06:25	Dark	55.500	8	10Alp CMi	0.40000	6500.0	111	34229	No
83	GOM_NL__2PRFIN20080916_091350_000000422072_00107_34229_6278.N1	16-SEP-2008 09:13:50	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	34229	No
84	GOM_NL__2PRFIN20080916_091537_000000602072_00107_34229_6279.N1	16-SEP-2008 09:15:37	Dark	60.000	1	9Alp CMa	-1.4400	11000.	120	34229	No
85	GOM_NL__2PRFIN20080916_091748_000000492072_00107_34229_6280.N1	16-SEP-2008 09:17:48	Dark	48.500	23	21Eps CMa	1.5020	26000.	97	34229	No
86	GOM_NL__2PRFIN20080916_092242_000000402072_00107_34229_6281.N1	16-SEP-2008 09:22:42	Dark	39.500	161	Tau Pup	2.9310	4500.0	79	34229	No
87	GOM_NL__2PRFIN20080916_092402_000000482072_00108_34230_6290.N1	16-SEP-2008 09:24:02	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	34230	No
88	GOM_NL__2PRFIN20080916_093416_000000392072_00108_34230_6291.N1	16-SEP-2008 09:34:16	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	34230	No
89	GOM_NL__2PRFIN20080916_093541_000000542072_00108_34230_6292.N1	16-SEP-2008 09:35:41	Dark	53.500	9	Alp Eri	0.45300	24000.	107	34230	No
90	GOM_NL__2PRFIN20080916_094124_000000452072_00108_34230_6293.N1	16-SEP-2008 09:41:24	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	34230	No
91	GOM_NL__2PRFIN20080916_094902_000000442072_00108_34230_6294.N1	16-SEP-2008 09:49:02	Twilight_and_stray	43.500	52	16Bet Cet	2.0370	4500.0	87	34230	No
92	GOM_NL__2PRFIN20080916_095950_000000392072_00108_34230_6295.N1	16-SEP-2008 09:59:50	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34230	No
93	GOM_NL__2PRFIN20080916_100342_000000422072_00108_34230_6296.N1	16-SEP-2008 10:03:42	Bright	41.500	93	53Bet Peg	2.5200	3100.0	83	34230	No
94	GOM_NL__2PRFIN20080916_100542_000000462072_00108_34230_6297.N1	16-SEP-2008 10:05:42	Bright	46.000	58	21Alp And	2.0730	11000.	92	34230	No
95	GOM_NL__2PRFIN20080916_101355_000000402072_00108_34230_6298.N1	16-SEP-2008 10:13:55	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	34230	No
96	GOM_NL__2PRFIN20080916_101542_000000412072_00108_34230_6299.N1	16-SEP-2008 10:15:42	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	34230	No
97	GOM_NL__2PRFIN20080916_103816_000000472072_00108_34230_6300.N1	16-SEP-2008 10:38:16	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	34230	No
98	GOM_NL__2PRFIN20080916_104701_000000502072_00108_34230_6301.N1	16-SEP-2008 10:47:01	Dark	50.000	8	10Alp CMi	0.40000	6500.0	100	34230	No
99	GOM_NL__2PRFIN20080916_105427_000000412072_00108_34230_6302.N1	16-SEP-2008 10:54:27	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	34230	No
100	GOM_NL__2PRFIN20080916_105614_000000612072_00108_34230_6303.N1	16-SEP-2008 10:56:14	Dark	61.000	1	9Alp CMa	-1.4400	11000.	122	34230	No
101	GOM_NL__2PRFIN20080916_105824_000000472072_00108_34230_6304.N1	16-SEP-2008 10:58:24	Dark	47.000	23	21Eps CMa	1.5020	26000.	94	34230	No

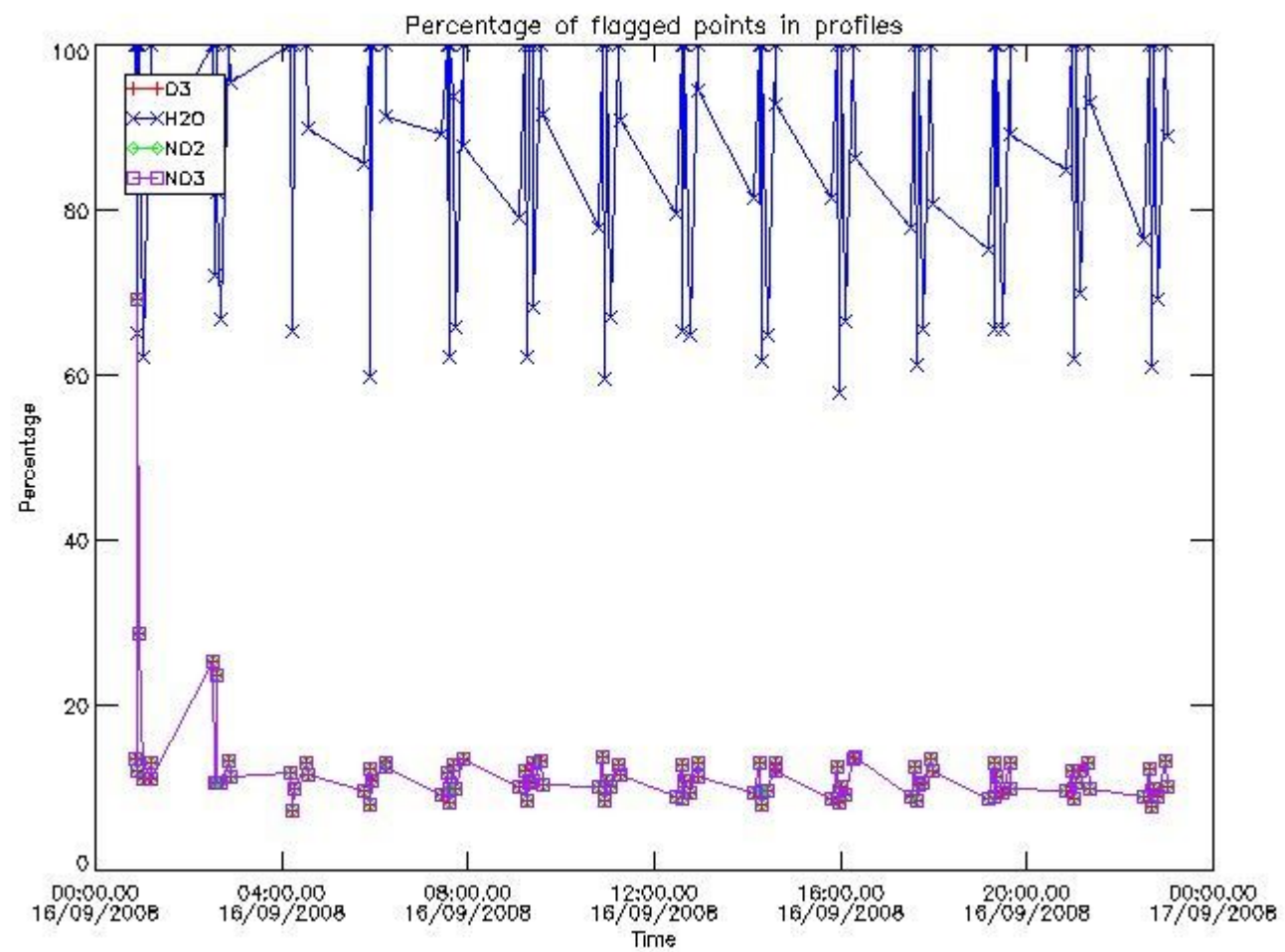
102	GOM_NL__2PRFIN20080916_110438_000000552072_00109_34231_6324.N1	16-SEP-2008 11:04:38	Dark	55.000	2	Alp Car	-0.73600	7000.0	110	34231	No
103	GOM_NL__2PRFIN20080916_111452_000000402072_00109_34231_6325.N1	16-SEP-2008 11:14:52	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	34231	No
104	GOM_NL__2PRFIN20080916_111618_000000442072_00109_34231_6326.N1	16-SEP-2008 11:16:18	Dark	44.000	9	Alp Eri	0.45300	24000.	88	34231	No
105	GOM_NL__2PRFIN20080916_112201_000000472072_00109_34231_6327.N1	16-SEP-2008 11:22:01	Straylight	47.000	84	Alp Phe	2.3970	4500.0	94	34231	No
106	GOM_NL__2PRFIN20080916_112938_000000442072_00109_34231_6328.N1	16-SEP-2008 11:29:38	Tw_i_and_stray	43.500	52	16Bet Cet	2.0370	4500.0	87	34231	No
107	GOM_NL__2PRFIN20080916_114026_000000392072_00109_34231_6329.N1	16-SEP-2008 11:40:26	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	34231	No
108	GOM_NL__2PRFIN20080916_114418_000000382072_00109_34231_6330.N1	16-SEP-2008 11:44:18	Bright	37.500	93	53Bet Peg	2.5200	3100.0	75	34231	No
109	GOM_NL__2PRFIN20080916_114617_000000462072_00109_34231_6331.N1	16-SEP-2008 11:46:17	Bright	46.000	58	21Alp And	2.0730	11000.	92	34231	No
110	GOM_NL__2PRFIN20080916_115431_000000412072_00109_34231_6332.N1	16-SEP-2008 11:54:31	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	34231	No
111	GOM_NL__2PRFIN20080916_115617_000000432072_00109_34231_6333.N1	16-SEP-2008 11:56:17	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	34231	No
112	GOM_NL__2PRFIN20080916_121852_000000442072_00109_34231_6334.N1	16-SEP-2008 12:18:52	Bright	43.500	24	66Alp Gem	1.5800	10200.	87	34231	No
113	GOM_NL__2PRFIN20080916_122738_000000572072_00109_34231_6335.N1	16-SEP-2008 12:27:38	Dark	56.500	8	10Alp CMi	0.40000	6500.0	113	34231	No
114	GOM_NL__2PRFIN20080916_123503_000000402072_00109_34231_6336.N1	16-SEP-2008 12:35:03	Dark	40.000	132	15Rho Pup	2.8030	6900.0	80	34231	No
115	GOM_NL__2PRFIN20080916_123651_000000602072_00109_34231_6337.N1	16-SEP-2008 12:36:51	Dark	59.500	1	9Alp CMa	-1.4400	11000.	119	34231	No
116	GOM_NL__2PRFIN20080916_123901_000000482072_00109_34231_6338.N1	16-SEP-2008 12:39:01	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	34231	No
117	GOM_NL__2PRFIN20080916_124515_000000552072_00110_34232_6345.N1	16-SEP-2008 12:45:15	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	34232	No
118	GOM_NL__2PRFIN20080916_125529_000000392072_00110_34232_6346.N1	16-SEP-2008 12:55:29	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	34232	No
119	GOM_NL__2PRFIN20080916_125654_000000452072_00110_34232_6347.N1	16-SEP-2008 12:56:54	Dark	45.000	9	Alp Eri	0.45300	24000.	90	34232	No
120	GOM_NL__2PRFIN20080916_130237_000000482072_00110_34232_6348.N1	16-SEP-2008 13:02:37	Straylight	47.500	84	Alp Phe	2.3970	4500.0	95	34232	No
121	GOM_NL__2PRFIN20080916_131014_000000492072_00110_34232_6349.N1	16-SEP-2008 13:10:14	Tw_i_and_stray	48.500	52	16Bet Cet	2.0370	4500.0	97	34232	No
122	GOM_NL__2PRFIN20080916_132102_000000372072_00110_34232_6350.N1	16-SEP-2008 13:21:02	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	34232	No
123	GOM_NL__2PRFIN20080916_132453_000000422072_00110_34232_6351.N1	16-SEP-2008 13:24:53	Bright	41.500	93	53Bet Peg	2.5200	3100.0	83	34232	No
124	GOM_NL__2PRFIN20080916_132653_000000462072_00110_34232_6352.N1	16-SEP-2008 13:26:53	Bright	46.000	58	21Alp And	2.0730	11000.	92	34232	No
125	GOM_NL__2PRFIN20080916_133506_000000402072_00110_34232_6353.N1	16-SEP-2008 13:35:06	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	34232	No
126	GOM_NL__2PRFIN20080916_133653_000000422072_00110_34232_6354.N1	16-SEP-2008 13:36:53	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	34232	No
127	GOM_NL__2PRFIN20080916_135928_000000632072_00110_34232_6355.N1	16-SEP-2008 13:59:28	Bright	63.000	24	66Alp Gem	1.5800	10200.	126	34232	No
128	GOM_NL__2PRFIN20080916_140814_000000542072_00110_34232_6356.N1	16-SEP-2008 14:08:14	Dark	54.000	8	10Alp CMi	0.40000	6500.0	108	34232	No
129	GOM_NL__2PRFIN20080916_141539_000000392072_00110_34232_6357.N1	16-SEP-2008 14:15:39	Dark	39.000	132	15Rho Pup	2.8030	6900.0	78	34232	No
130	GOM_NL__2PRFIN20080916_141728_000000652072_00110_34232_6358.N1	16-SEP-2008 14:17:28	Dark	64.500	1	9Alp CMa	-1.4400	11000.	129	34232	No
131	GOM_NL__2PRFIN20080916_141938_000000532072_00110_34232_6359.N1	16-SEP-2008 14:19:38	Dark	52.500	23	21Eps CMa	1.5020	26000.	105	34232	No
132	GOM_NL__2PRFIN20080916_142551_000000532072_00111_34233_6373.N1	16-SEP-2008 14:25:51	Dark	53.000	2	Alp Car	-0.73600	7000.0	106	34233	No
133	GOM_NL__2PRFIN20080916_143605_000000392072_00111_34233_6374.N1	16-SEP-2008 14:36:05	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	34233	No
134	GOM_NL__2PRFIN20080916_143731_000000432072_00111_34233_6375.N1	16-SEP-2008 14:37:31	Dark	42.500	9	Alp Eri	0.45300	24000.	85	34233	No
135	GOM_NL__2PRFIN20080916_144313_000000432072_00111_34233_6376.N1	16-SEP-2008 14:43:13	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34233	No
136	GOM_NL__2PRFIN20080916_145050_000000492072_00111_34233_6377.N1	16-SEP-2008 14:50:50	Tw_i_and_stray	49.000	52	16Bet Cet	2.0370	4500.0	98	34233	No
137	GOM_NL__2PRFIN20080916_150138_000000402072_00111_34233_6378.N1	16-SEP-2008 15:01:38	Bright	40.000	90	54Alp Peg	2.4870	11000.	80	34233	No
138	GOM_NL__2PRFIN20080916_150529_000000392072_00111_34233_6379.N1	16-SEP-2008 15:05:29	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34233	No
139	GOM_NL__2PRFIN20080916_150728_000000482072_00111_34233_6380.N1	16-SEP-2008 15:07:28	Bright	47.500	58	21Alp And	2.0730	11000.	95	34233	No
140	GOM_NL__2PRFIN20080916_151542_000000412072_00111_34233_6381.N1	16-SEP-2008 15:15:42	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	34233	No
141	GOM_NL__2PRFIN20080916_151728_000000412072_00111_34233_6382.N1	16-SEP-2008 15:17:28	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	34233	No
142	GOM_NL__2PRFIN20080916_154004_000000452072_00111_34233_6383.N1	16-SEP-2008 15:40:04	Bright	45.000	24	66Alp Gem	1.5800	10200.	90	34233	No
143	GOM_NL__2PRFIN20080916_154851_000000602072_00111_34233_6384.N1	16-SEP-2008 15:48:51	Dark	59.500	8	10Alp CMi	0.40000	6500.0	119	34233	No
144	GOM_NL__2PRFIN20080916_155616_000000412072_00111_34233_6385.N1	16-SEP-2008 15:56:16	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	34233	No
145	GOM_NL__2PRFIN20080916_155805_000000622072_00111_34233_6386.N1	16-SEP-2008 15:58:05	Dark	62.000	1	9Alp CMa	-1.4400	11000.	124	34233	No
146	GOM_NL__2PRFIN20080916_160015_000000512072_00111_34233_6387.N1	16-SEP-2008 16:00:15	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	34233	No
147	GOM_NL__2PRFIN20080916_160628_000000562072_00112_34234_6393.N1	16-SEP-2008 16:06:28	Dark	55.500	2	Alp Car	-0.73600	7000.0	111	34234	No
148	GOM_NL__2PRFIN20080916_161642_000000382072_00112_34234_6394.N1	16-SEP-2008 16:16:42	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	34234	No
149	GOM_NL__2PRFIN20080916_161807_000000452072_00112_34234_6395.N1	16-SEP-2008 16:18:07	Dark	44.500	9	Alp Eri	0.45300	24000.	89	34234	No
150	GOM_NL__2PRFIN20080916_162350_000000432072_00112_34234_6396.N1	16-SEP-2008 16:23:50	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	34234	No
151	GOM_NL__2PRFIN20080916_163126_000000552072_00112_34234_6397.N1	16-SEP-2008 16:31:26	Tw_i_and_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	34234	No
152	GOM_NL__2PRFIN20080916_164214_000000402072_00112_34234_6398.N1	16-SEP-2008 16:42:14	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	34234	No
153	GOM_NL__2PRFIN20080916_164605_000000402072_00112_34234_6399.N1	16-SEP-2008 16:46:05	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	34234	No
154	GOM_NL__2PRFIN20080916_164803_000000492072_00112_34234_6400.N1	16-SEP-2008 16:48:03	Bright	49.000	58	21Alp And	2.0730	11000.	98	34234	No
155	GOM_NL__2PRFIN20080916_165617_000000412072_00112_34234_6401.N1	16-SEP-2008 16:56:17	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	34234	No
156	GOM_NL__2PRFIN20080916_165804_000000422072_00112_34234_6402.N1	16-SEP-2008 16:58:04	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	34234	No
157	GOM_NL__2PRFIN20080916_172040_000000452072_00112_34234_6403.N1	16-SEP-2008 17:20:40	Bright	45.000	24	66Alp Gem	1.5800	10200.	90	34234	No
158	GOM_NL__2PRFIN20080916_172927_000000572072_00112_34234_6404.N1	16-SEP-2008 17:29:27	Dark	57.000	8	10Alp CMi	0.40000	6500.0	114	34234	No
159	GOM_NL__2PRFIN20080916_173652_000000412072_00112_34234_6405.N1	16-SEP-2008 17:36:52	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	34234	No
160	GOM_NL__2PRFIN20080916_173842_000000612072_00112_34234_6406.N1	16-SEP-2008 17:38:42	Dark	61.000	1	9Alp CMa	-1.4400	11000.	122	34234	No

161	GOM_NL__2PRFIN20080916_174052_000000492072_00112_34234_6407.N1	16-SEP-2008 17:40:52	Dark	49.000	23	21Eps CMa	1.5020	26000.	98	34234	No
162	GOM_NL__2PRFIN20080916_174704_000000572072_00113_34235_6415.N1	16-SEP-2008 17:47:04	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	34235	No
163	GOM_NL__2PRFIN20080916_175718_000000382072_00113_34235_6416.N1	16-SEP-2008 17:57:18	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	34235	No
164	GOM_NL__2PRFIN20080916_175844_000000422072_00113_34235_6417.N1	16-SEP-2008 17:58:44	Dark	42.000	9	Alp Eri	0.45300	24000.	84	34235	No
165	GOM_NL__2PRFIN20080916_180426_000000442072_00113_34235_6418.N1	16-SEP-2008 18:04:26	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	34235	No
166	GOM_NL__2PRFIN20080916_181202_000000552072_00113_34235_6419.N1	16-SEP-2008 18:12:02	Tw_i_and_stray	55.000	52	16Bet Cet	2.0370	4500.0	110	34235	No
167	GOM_NL__2PRFIN20080916_182249_000000392072_00113_34235_6420.N1	16-SEP-2008 18:22:49	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34235	No
168	GOM_NL__2PRFIN20080916_182640_000000382072_00113_34235_6421.N1	16-SEP-2008 18:26:40	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	34235	No
169	GOM_NL__2PRFIN20080916_182839_000000462072_00113_34235_6422.N1	16-SEP-2008 18:28:39	Bright	45.500	58	21Alp And	2.0730	11000.	91	34235	No
170	GOM_NL__2PRFIN20080916_183653_000000412072_00113_34235_6423.N1	16-SEP-2008 18:36:53	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	34235	No
171	GOM_NL__2PRFIN20080916_183839_000000432072_00113_34235_6424.N1	16-SEP-2008 18:38:39	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	34235	No
172	GOM_NL__2PRFIN20080916_190116_000000442072_00113_34235_6425.N1	16-SEP-2008 19:01:16	Bright	43.500	24	66Alp Gem	1.5800	10200.	87	34235	No
173	GOM_NL__2PRFIN20080916_191004_000000592072_00113_34235_6426.N1	16-SEP-2008 19:10:04	Dark	59.000	8	10Alp CMi	0.40000	6500.0	118	34235	No
174	GOM_NL__2PRFIN20080916_191729_000000392072_00113_34235_6427.N1	16-SEP-2008 19:17:29	Dark	39.000	132	15Rho Pup	2.8030	6900.0	78	34235	No
175	GOM_NL__2PRFIN20080916_191919_000000572072_00113_34235_6428.N1	16-SEP-2008 19:19:19	Dark	57.000	1	9Alp CMa	-1.4400	11000.	114	34235	No
176	GOM_NL__2PRFIN20080916_192128_000000452072_00113_34235_6429.N1	16-SEP-2008 19:21:28	Dark	45.000	23	21Eps CMa	1.5020	26000.	90	34235	No
177	GOM_NL__2PRFIN20080916_192741_000000542072_00114_34236_6456.N1	16-SEP-2008 19:27:41	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	34236	No
178	GOM_NL__2PRFIN20080916_193754_000000392072_00114_34236_6457.N1	16-SEP-2008 19:37:54	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	34236	No
179	GOM_NL__2PRFIN20080916_193920_000000512072_00114_34236_6458.N1	16-SEP-2008 19:39:20	Dark	51.000	9	Alp Eri	0.45300	24000.	102	34236	No
180	GOM_NL__2PRFIN20080916_194502_000000422072_00114_34236_6459.N1	16-SEP-2008 19:45:02	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	34236	No
181	GOM_NL__2PRFIN20080916_195238_000000532072_00114_34236_6460.N1	16-SEP-2008 19:52:38	Tw_i_and_stray	53.000	52	16Bet Cet	2.0370	4500.0	106	34236	No
182	GOM_NL__2PRFIN20080916_200325_000000402072_00114_34236_6461.N1	16-SEP-2008 20:03:25	Bright	39.500	90	54Alp Peg	2.4870	11000.	79	34236	No
183	GOM_NL__2PRFIN20080916_200716_000000412072_00114_34236_6462.N1	16-SEP-2008 20:07:16	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	34236	No
184	GOM_NL__2PRFIN20080916_200914_000000452072_00114_34236_6463.N1	16-SEP-2008 20:09:14	Bright	44.500	58	21Alp And	2.0730	11000.	89	34236	No
185	GOM_NL__2PRFIN20080916_201729_000000412072_00114_34236_6464.N1	16-SEP-2008 20:17:29	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	34236	No
186	GOM_NL__2PRFIN20080916_201914_000000422072_00114_34236_6465.N1	16-SEP-2008 20:19:14	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	34236	No
187	GOM_NL__2PRFIN20080916_204152_000000452072_00114_34236_6466.N1	16-SEP-2008 20:41:52	Bright	44.500	24	66Alp Gem	1.5800	10200.	89	34236	No
188	GOM_NL__2PRFIN20080916_205040_000000542072_00114_34236_6467.N1	16-SEP-2008 20:50:40	Dark	53.500	8	10Alp CMi	0.40000	6500.0	107	34236	No
189	GOM_NL__2PRFIN20080916_205805_000000422072_00114_34236_6468.N1	16-SEP-2008 20:58:05	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	34236	No
190	GOM_NL__2PRFIN20080916_205956_000000602072_00114_34236_6469.N1	16-SEP-2008 20:59:56	Dark	59.500	1	9Alp CMa	-1.4400	11000.	119	34236	No
191	GOM_NL__2PRFIN20080916_210205_000000482072_00114_34236_6470.N1	16-SEP-2008 21:02:05	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	34236	No
192	GOM_NL__2PRFIN20080916_210817_000000422072_00115_34237_6480.N1	16-SEP-2008 21:08:17	Dark	42.000	2	Alp Car	-0.73600	7000.0	84	34237	No
193	GOM_NL__2PRFIN20080916_211831_000000392072_00115_34237_6481.N1	16-SEP-2008 21:18:31	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	34237	No
194	GOM_NL__2PRFIN20080916_211956_000000512072_00115_34237_6482.N1	16-SEP-2008 21:19:56	Dark	51.000	9	Alp Eri	0.45300	24000.	102	34237	No
195	GOM_NL__2PRFIN20080916_212539_000000462072_00115_34237_6483.N1	16-SEP-2008 21:25:39	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	34237	No
196	GOM_NL__2PRFIN20080916_213314_000000542072_00115_34237_6484.N1	16-SEP-2008 21:33:14	Tw_i_and_stray	53.500	52	16Bet Cet	2.0370	4500.0	107	34237	No
197	GOM_NL__2PRFIN20080916_214401_000000392072_00115_34237_6485.N1	16-SEP-2008 21:44:01	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34237	No
198	GOM_NL__2PRFIN20080916_214752_000000412072_00115_34237_6486.N1	16-SEP-2008 21:47:52	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	34237	No
199	GOM_NL__2PRFIN20080916_214949_000000472072_00115_34237_6487.N1	16-SEP-2008 21:49:49	Bright	46.500	58	21Alp And	2.0730	11000.	93	34237	No
200	GOM_NL__2PRFIN20080916_215804_000000402072_00115_34237_6488.N1	16-SEP-2008 21:58:04	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	34237	No
201	GOM_NL__2PRFIN20080916_215950_000000422072_00115_34237_6489.N1	16-SEP-2008 21:59:50	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	34237	No
202	GOM_NL__2PRFIN20080916_222228_000000472072_00115_34237_6490.N1	16-SEP-2008 22:22:28	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	34237	No
203	GOM_NL__2PRFIN20080916_223117_000000572072_00115_34237_6491.N1	16-SEP-2008 22:31:17	Dark	57.000	8	10Alp CMi	0.40000	6500.0	114	34237	No
204	GOM_NL__2PRFIN20080916_223842_000000422072_00115_34237_6492.N1	16-SEP-2008 22:38:42	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	34237	No
205	GOM_NL__2PRFIN20080916_224033_000000672072_00115_34237_6493.N1	16-SEP-2008 22:40:33	Dark	67.000	1	9Alp CMa	-1.4400	11000.	134	34237	No
206	GOM_NL__2PRFIN20080916_224242_000000522072_00115_34237_6494.N1	16-SEP-2008 22:42:42	Dark	51.500	23	21Eps CMa	1.5020	26000.	103	34237	No
207	GOM_NL__2PRFIN20080916_224854_000000572072_00116_34238_6502.N1	16-SEP-2008 22:48:54	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	34238	No
208	GOM_NL__2PRFIN20080916_225907_000000392072_00116_34238_6503.N1	16-SEP-2008 22:59:07	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	34238	No
209	GOM_NL__2PRFIN20080916_230033_000000502072_00116_34238_6504.N1	16-SEP-2008 23:00:33	Dark	50.000	9	Alp Eri	0.45300	24000.	100	34238	No
210	GOM_NL__2PRFIN20080916_230615_000000432072_00116_34238_6505.N1	16-SEP-2008 23:06:15	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34238	No
211	GOM_NL__2PRFIN20080916_231350_000000562072_00116_34238_6506.N1	16-SEP-2008 23:13:50	Tw_i_and_stray	56.000	52	16Bet Cet	2.0370	4500.0	112	34238	No
212	GOM_NL__2PRFIN20080916_232437_000000392072_00116_34238_6507.N1	16-SEP-2008 23:24:37	Bright	39.000	90	54Alp Peg	2.4870	11000.	78	34238	No
213	GOM_NL__2PRFIN20080916_232827_000000372072_00116_34238_6508.N1	16-SEP-2008 23:28:27	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	34238	No
214	GOM_NL__2PRFIN20080916_233025_000000472072_00116_34238_6509.N1	16-SEP-2008 23:30:25	Bright	47.000	58	21Alp And	2.0730	11000.	94	34238	No
215	GOM_NL__2PRFIN20080916_233839_000000422072_00116_34238_6510.N1	16-SEP-2008 23:38:39	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	34238	No
216	GOM_NL__2PRFIN20080916_234025_000000382072_00116_34238_6511.N1	16-SEP-2008 23:40:25	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	34238	No

3. Quality information per product

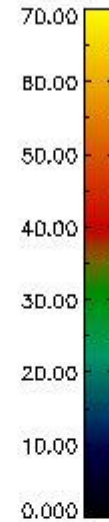
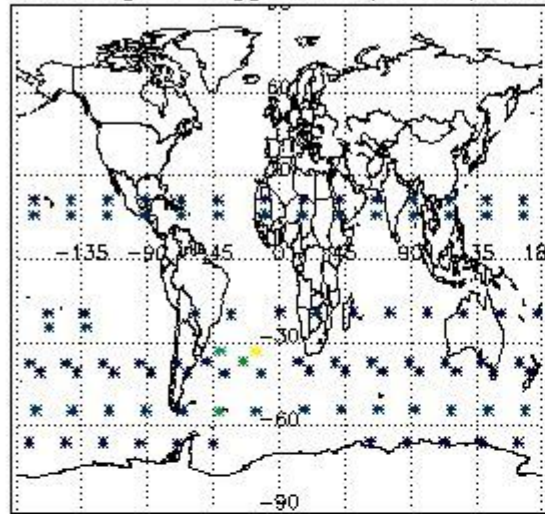
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

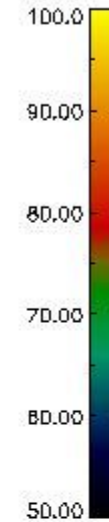
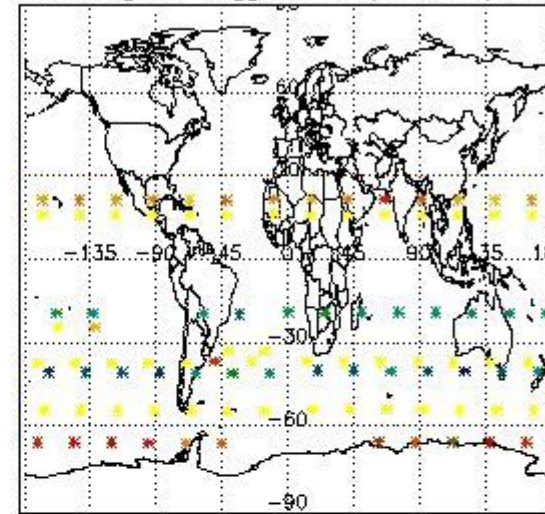


3.2 Plot quality information per product (world map)

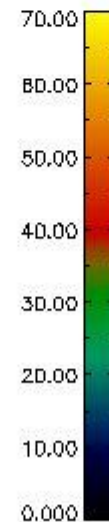
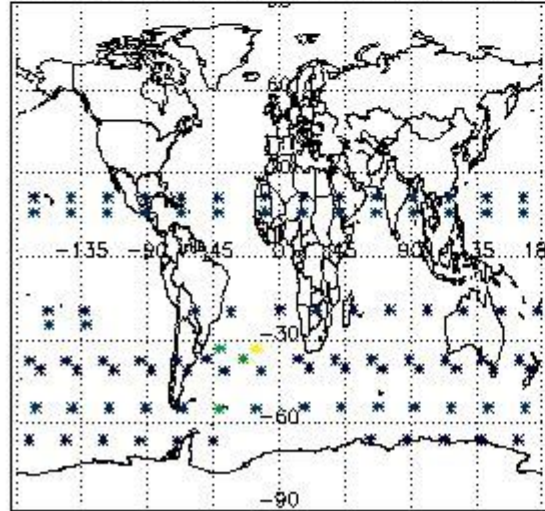
Percentage of flagged data per O3 profile



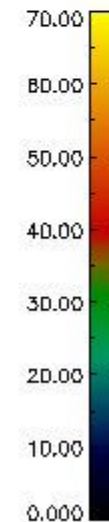
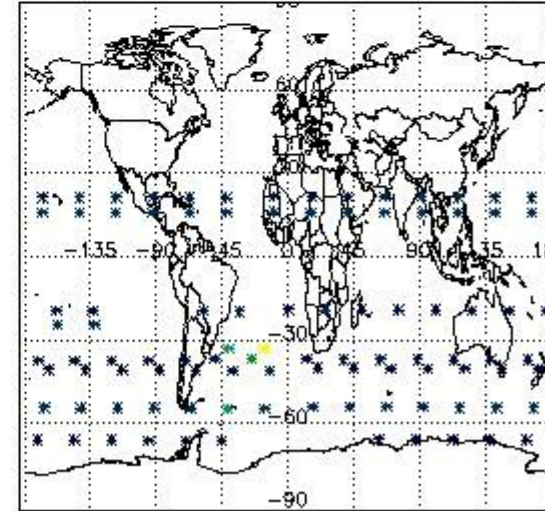
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

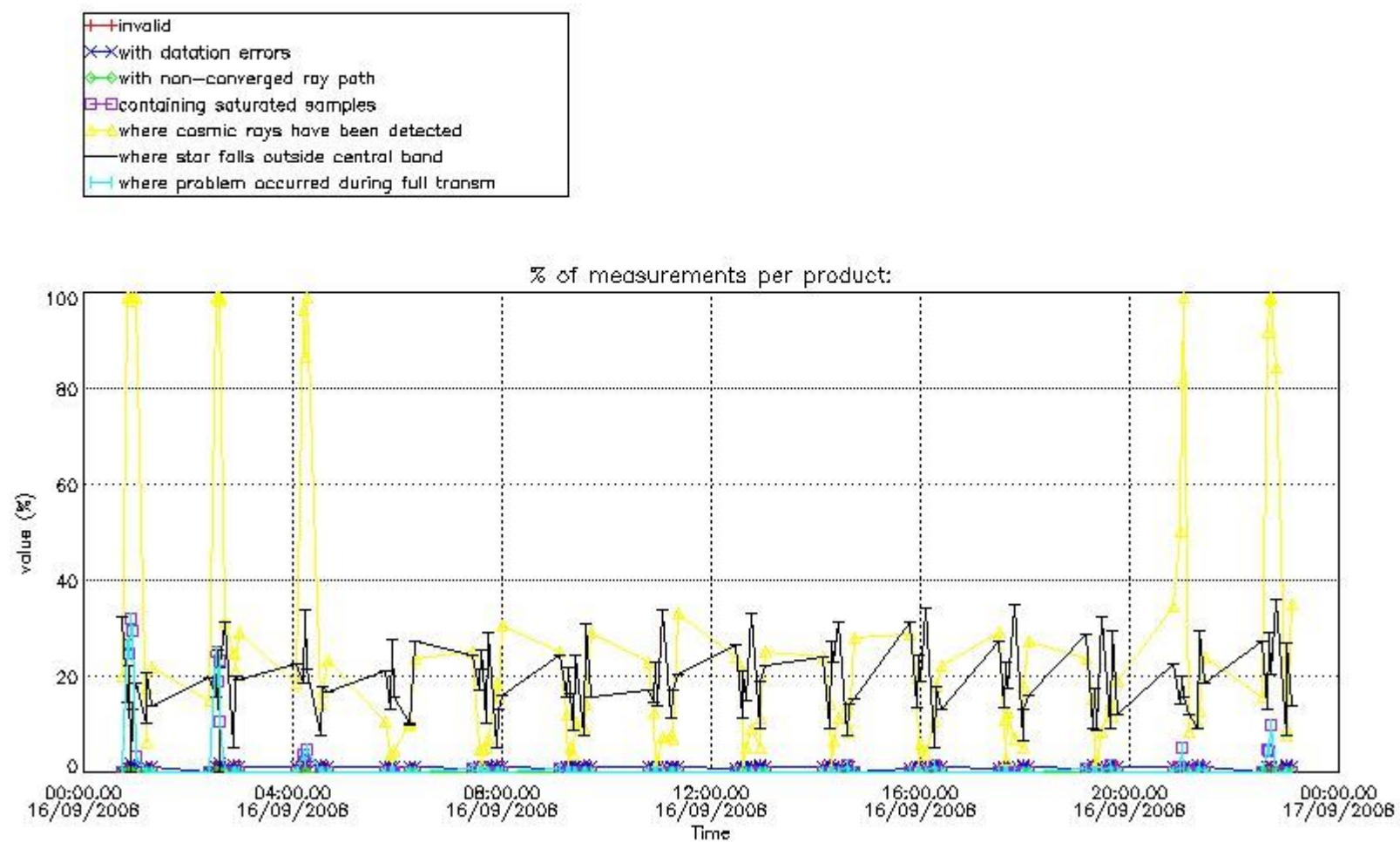


4. Level 1 quality information per product

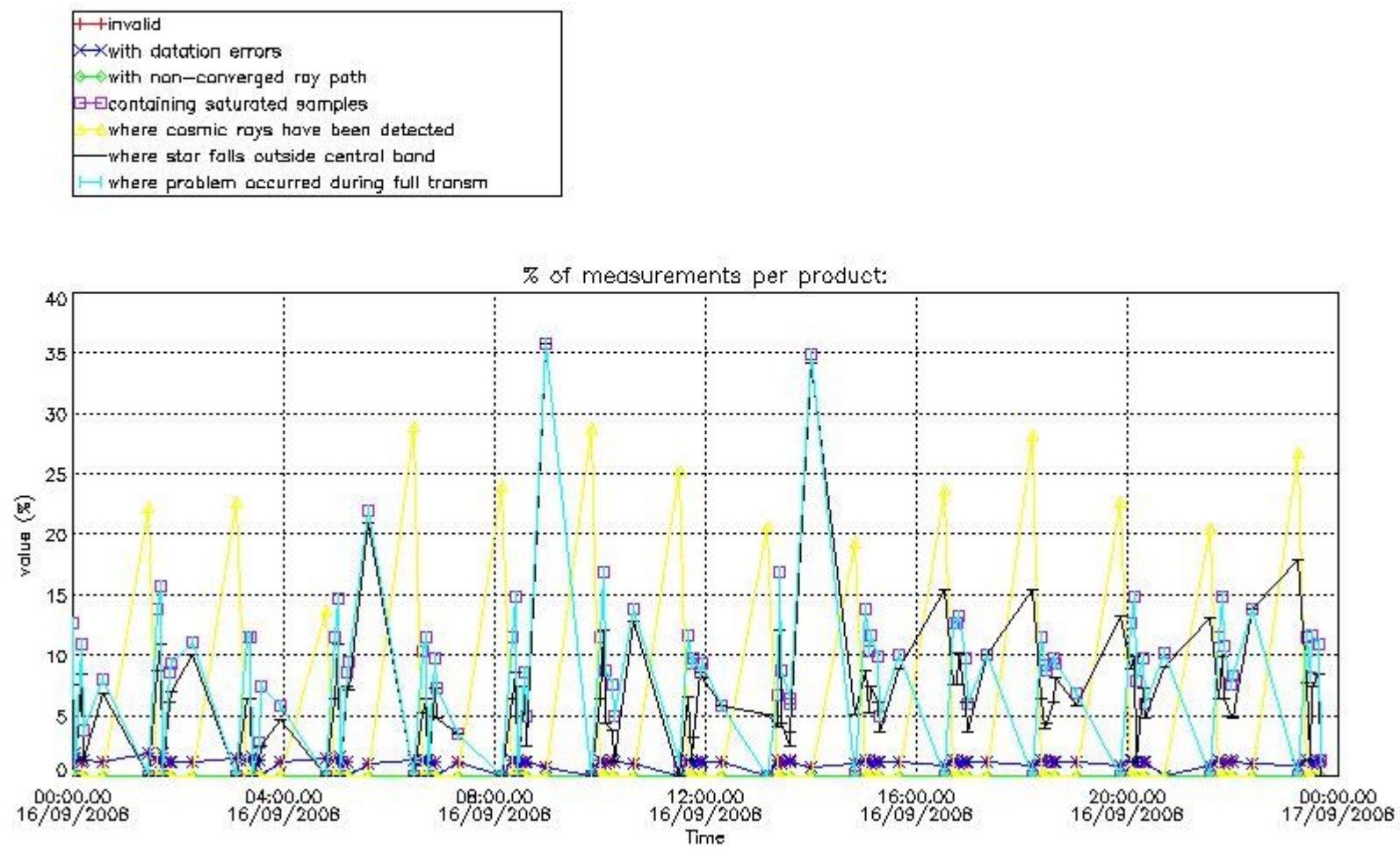
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

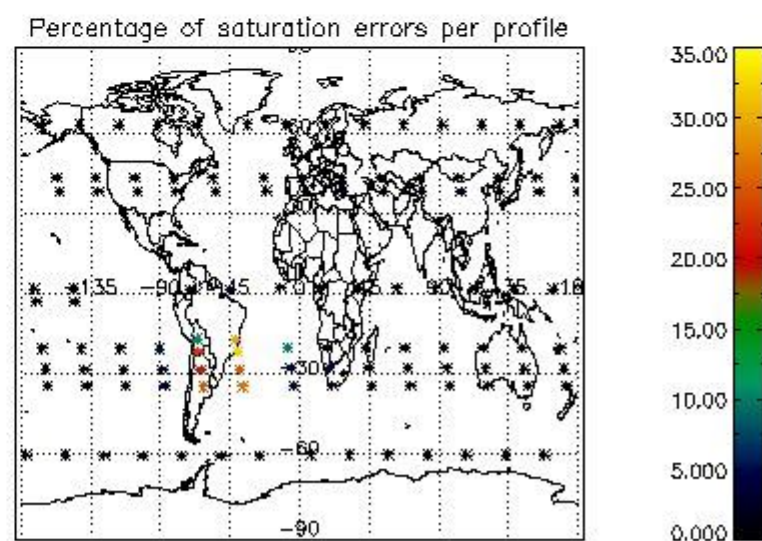
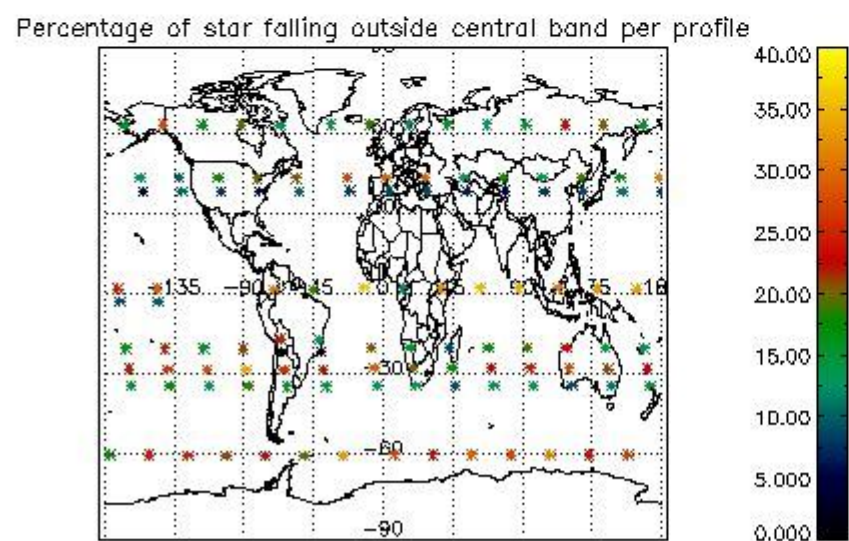
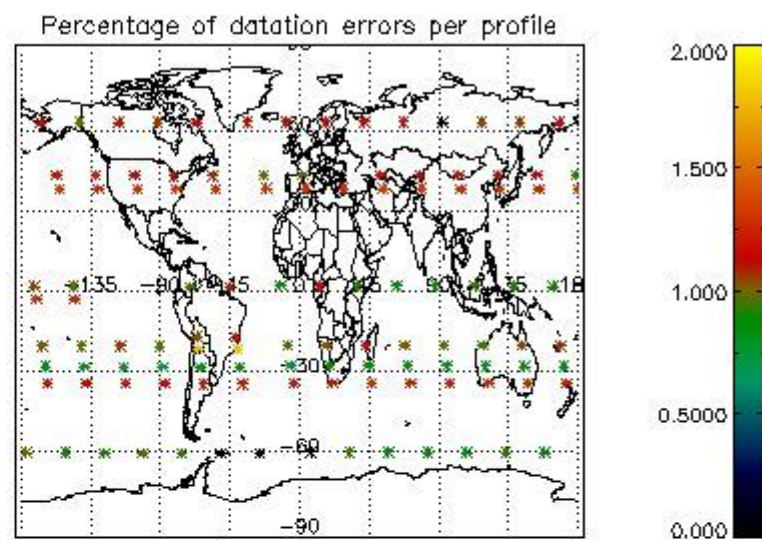
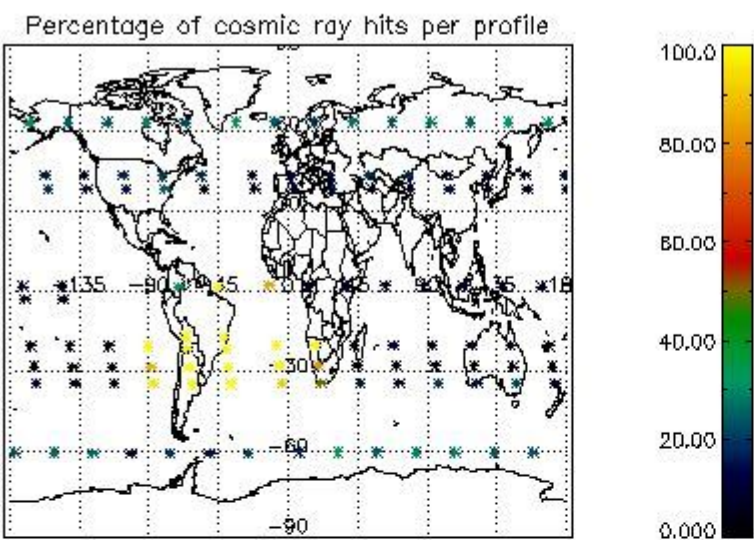


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

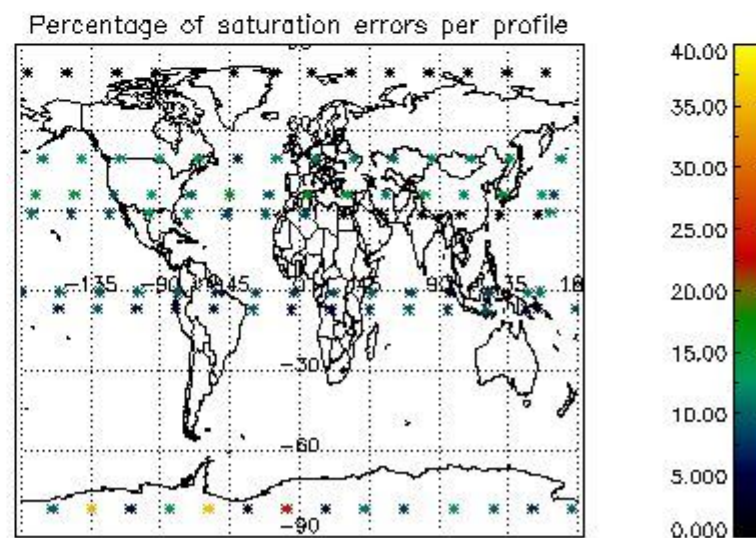
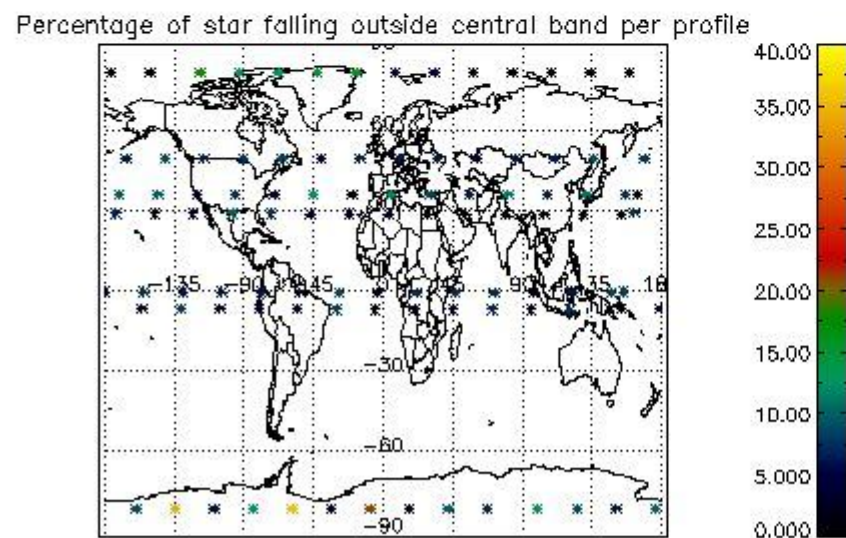
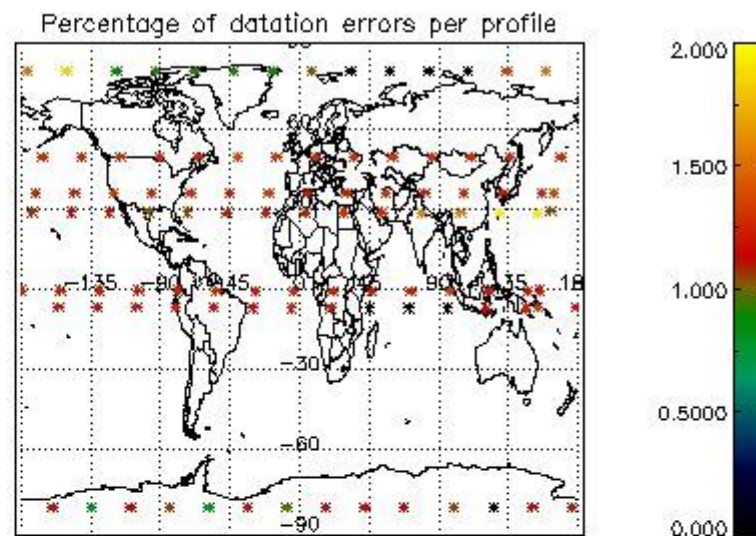
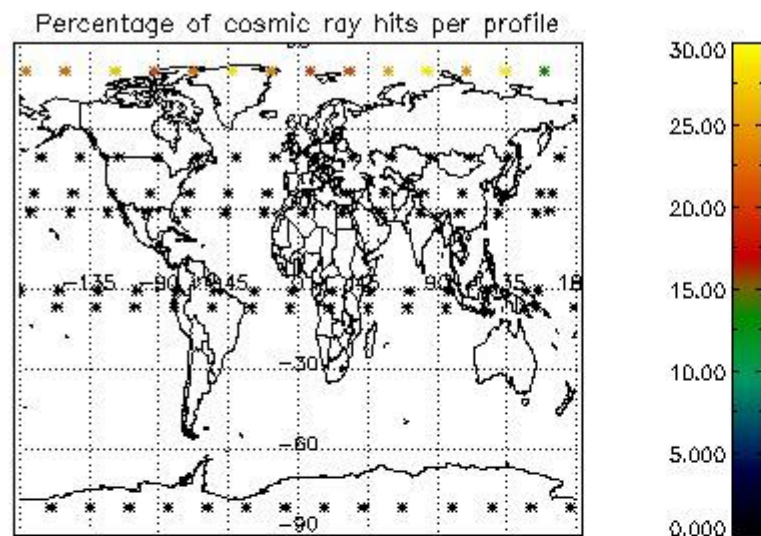


4.2 Plot quality information per product coming from level 1b processing (world map)

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

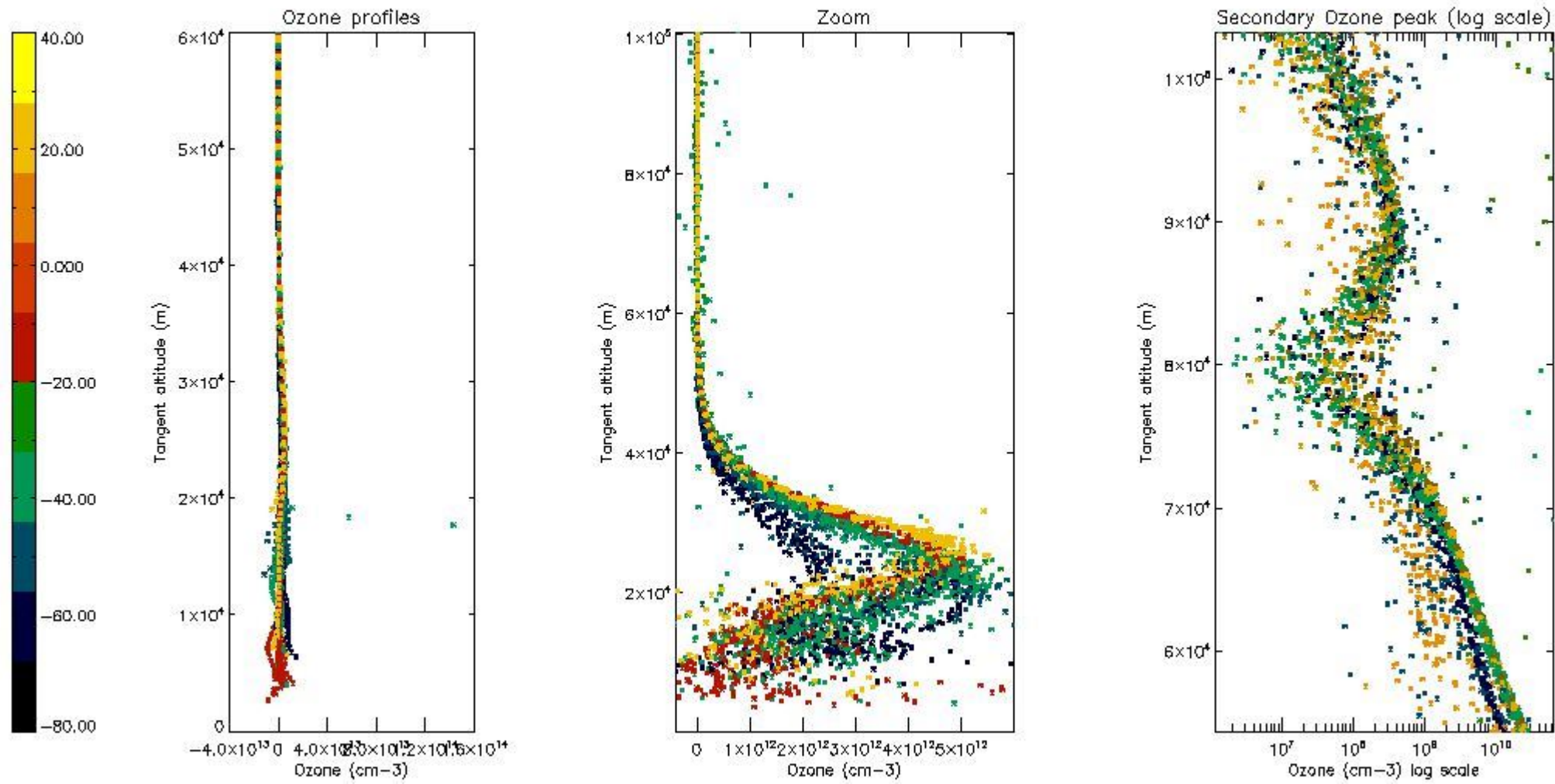
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	49
STD < 20	30

STD < 10	24
STD < 5	19

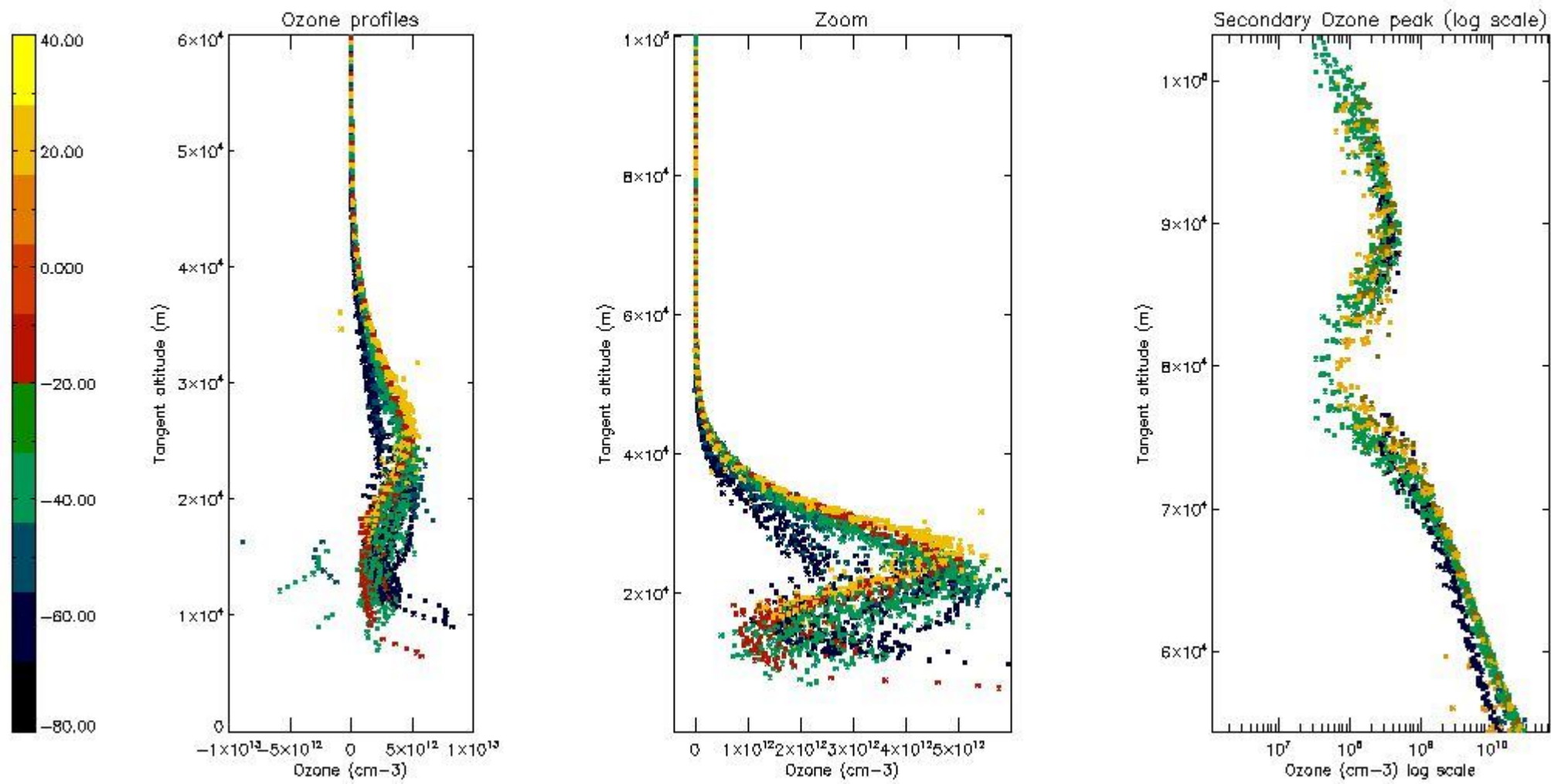
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



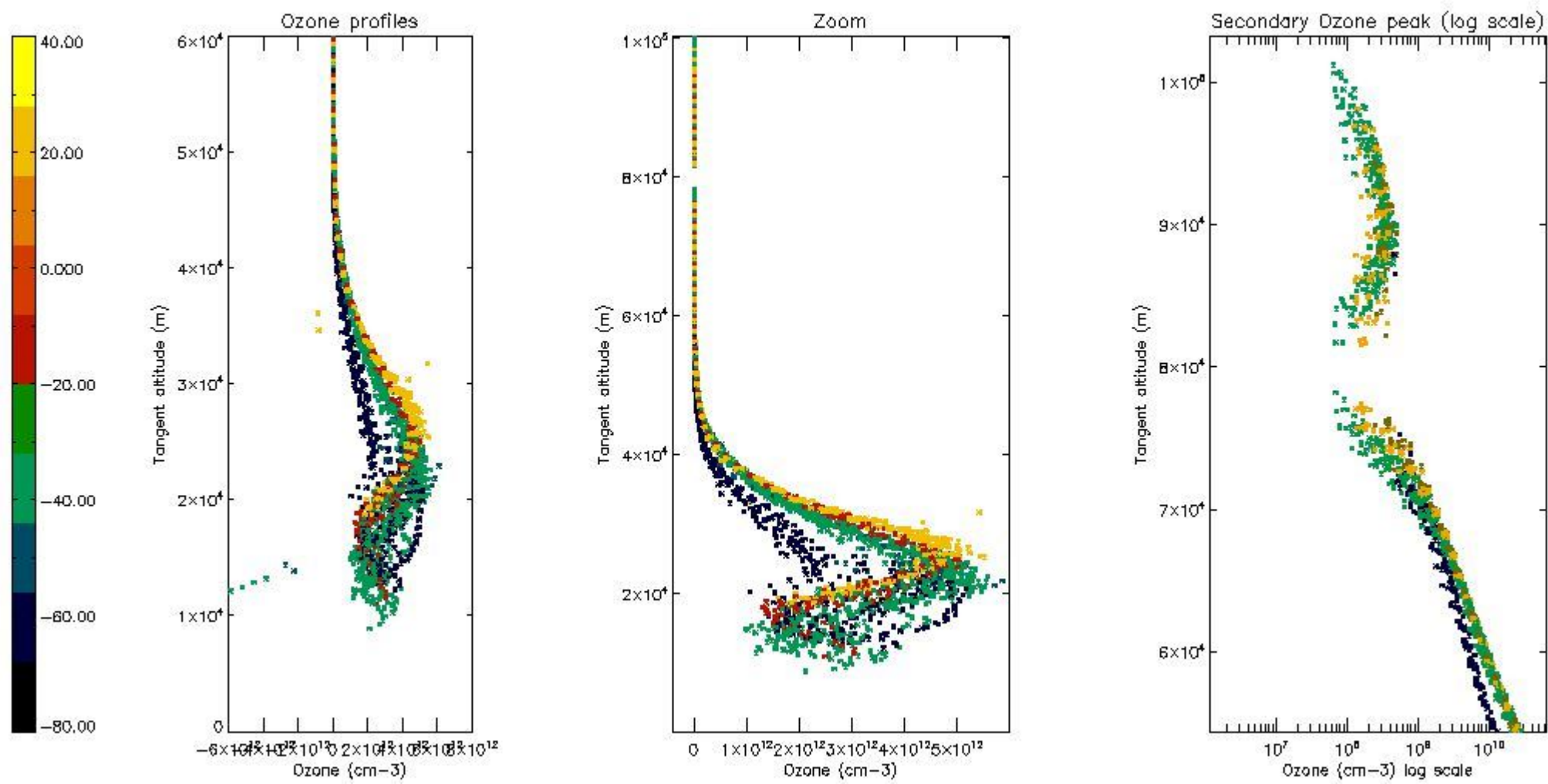
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



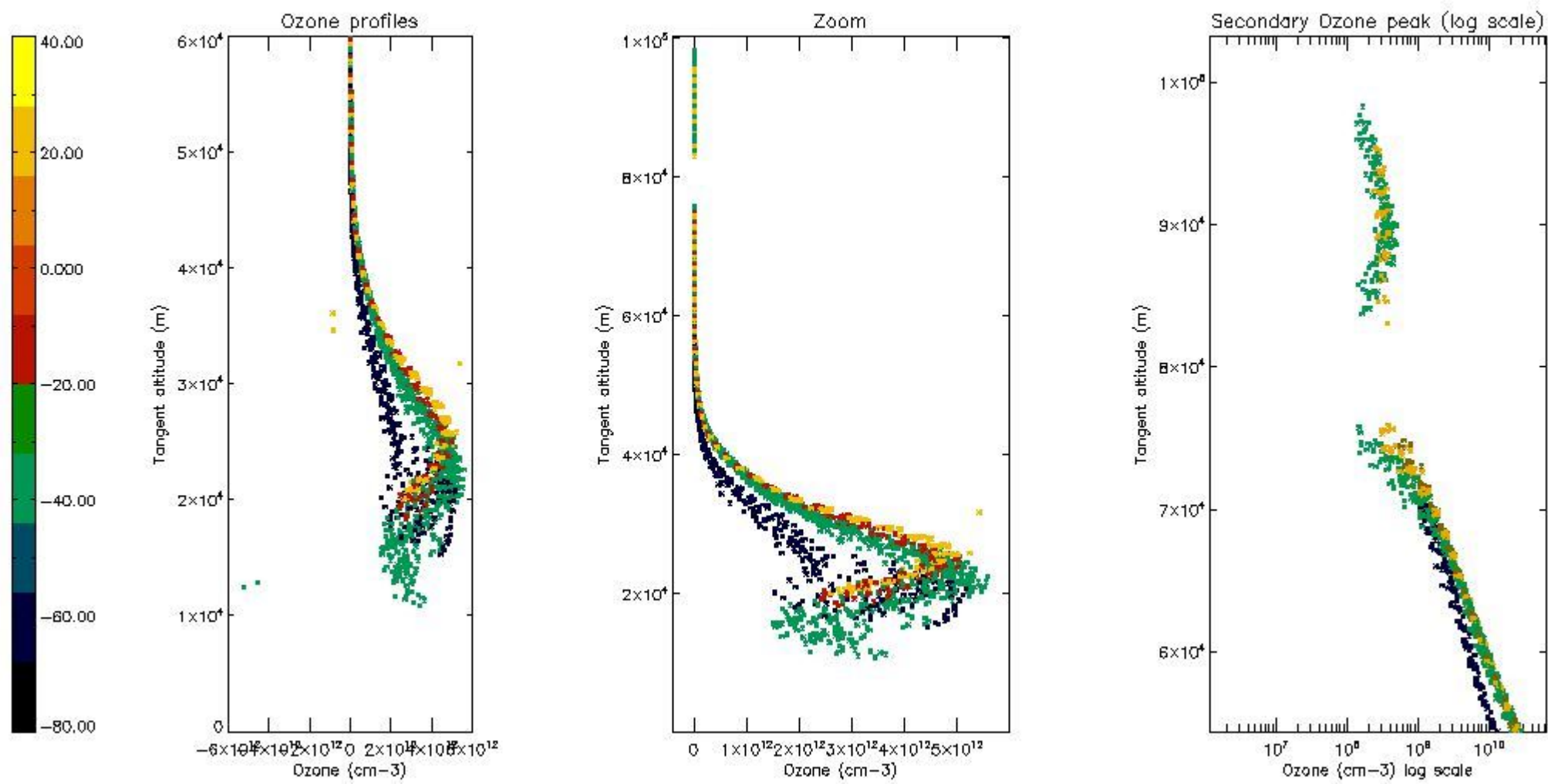
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



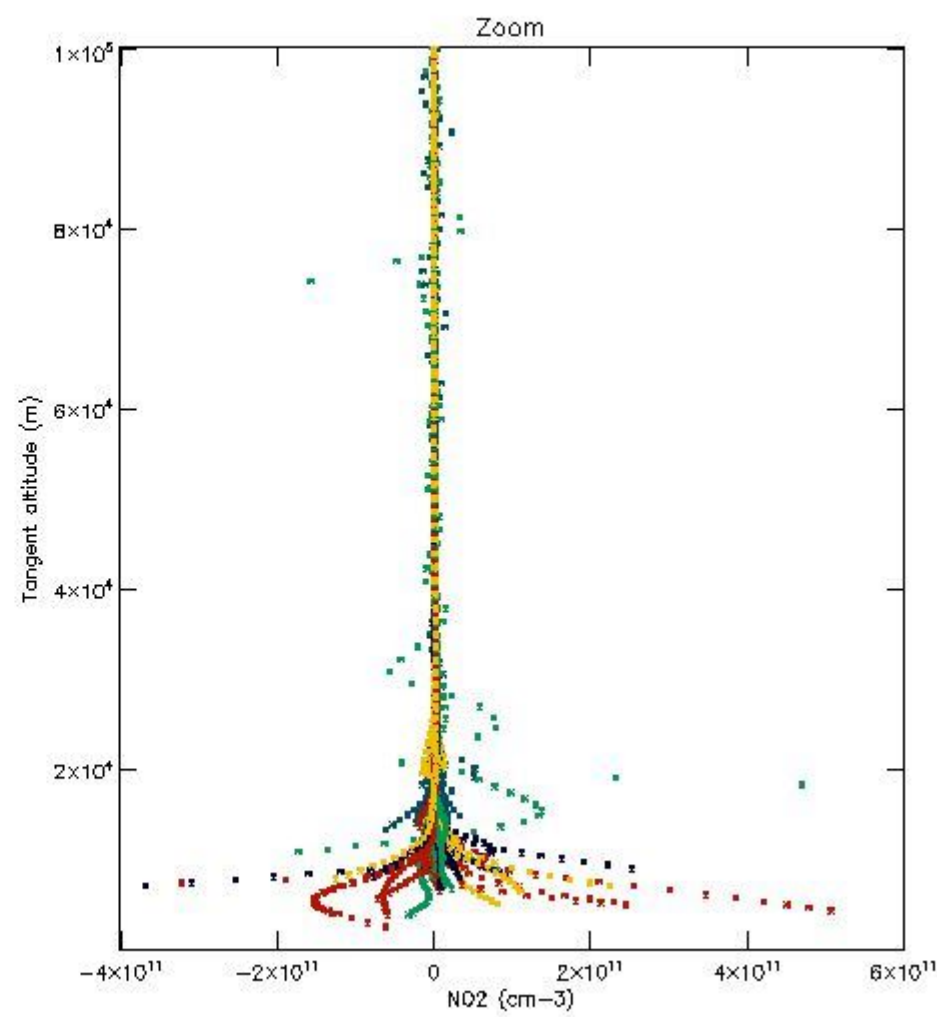
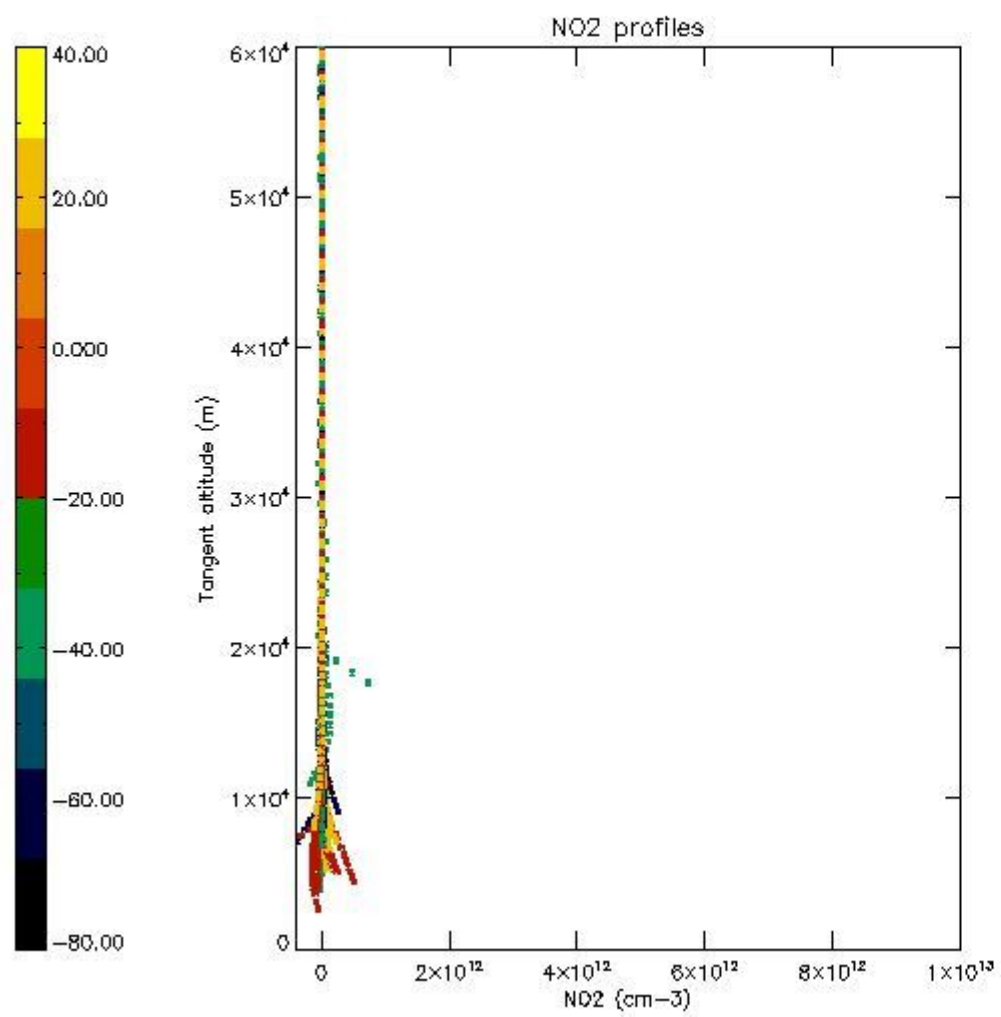
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



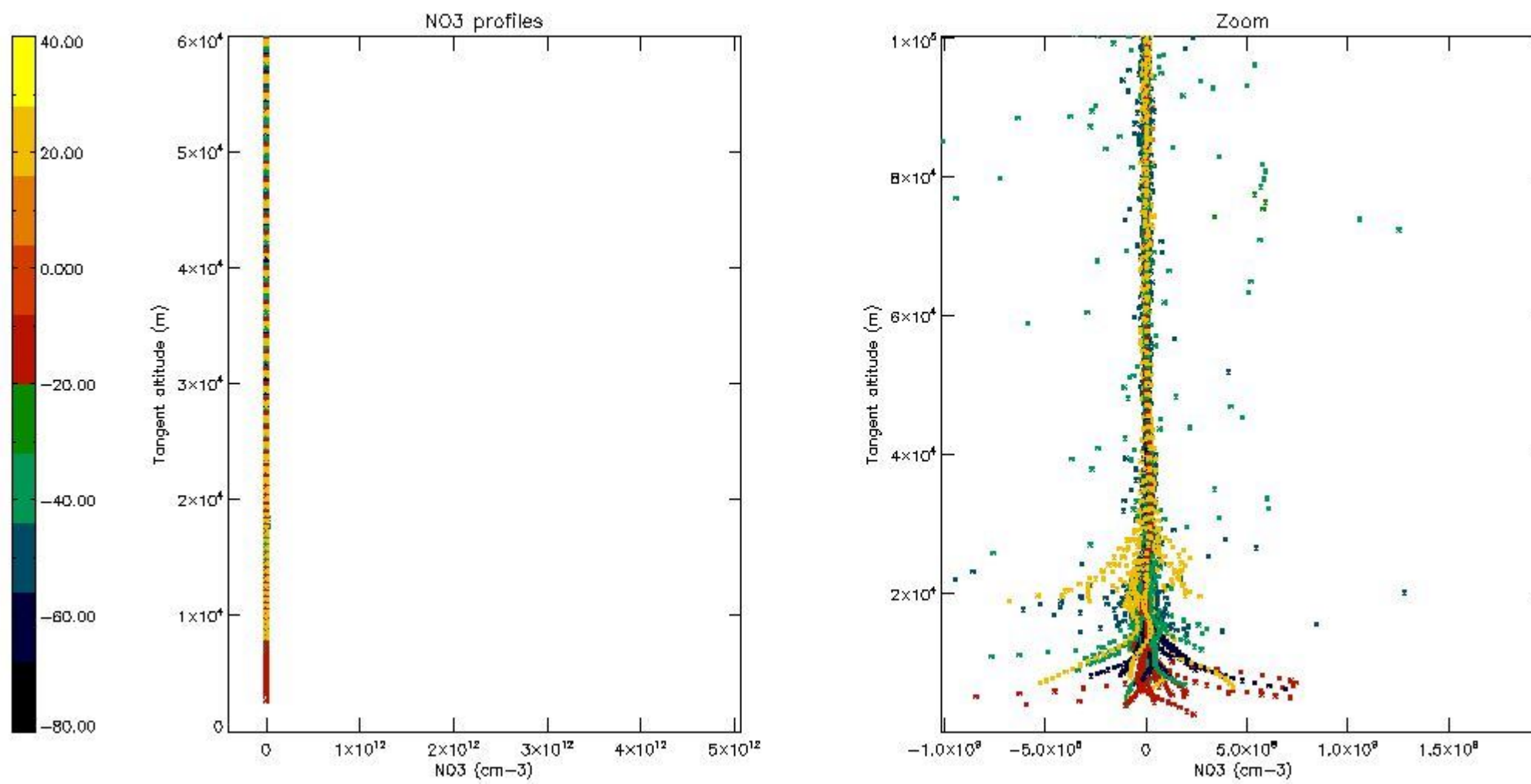
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



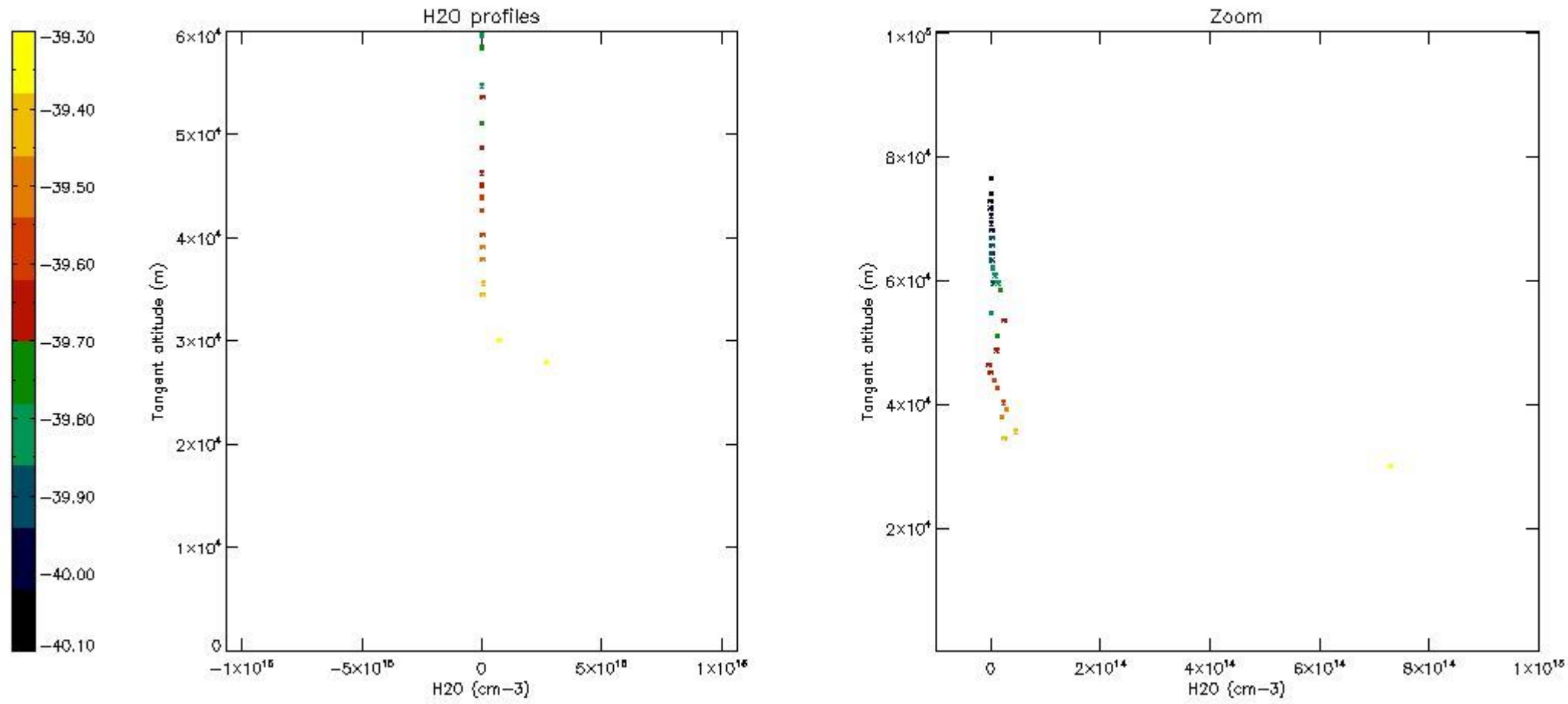
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

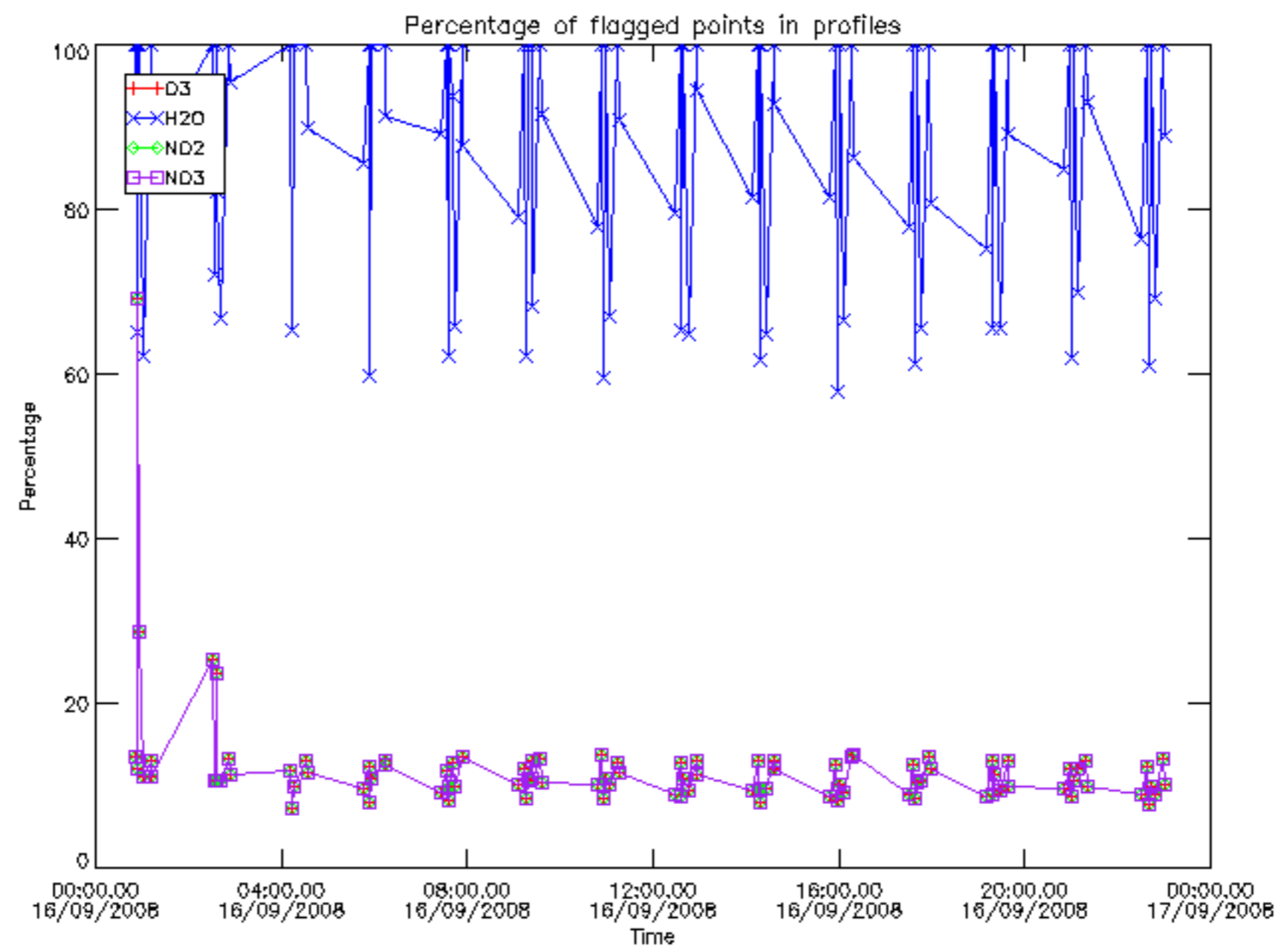
The colorbar represents the latitude.



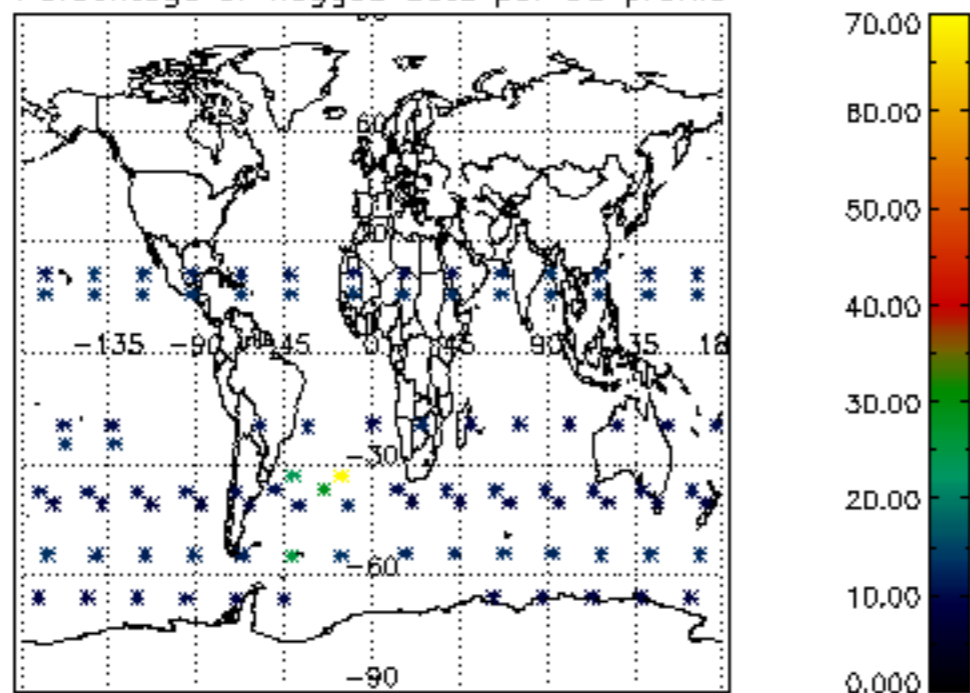
6. Auxiliary Data Files used for the production reported in section 2

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.

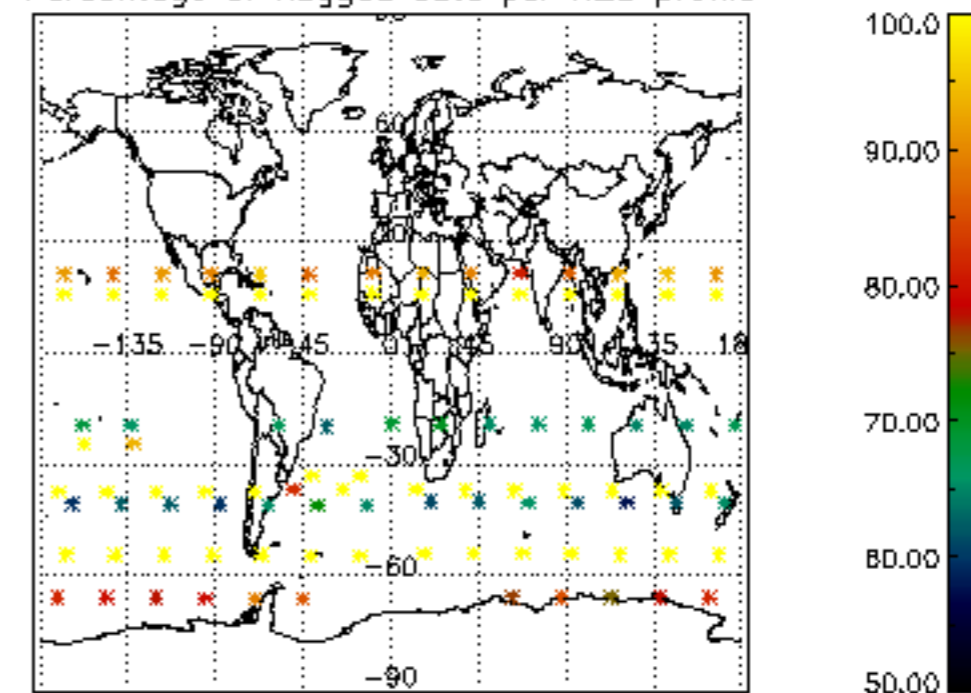
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	16-SEP-2008 00:00:08
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	16-SEP-2008 00:00:08
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	16-SEP-2008 00:00:08



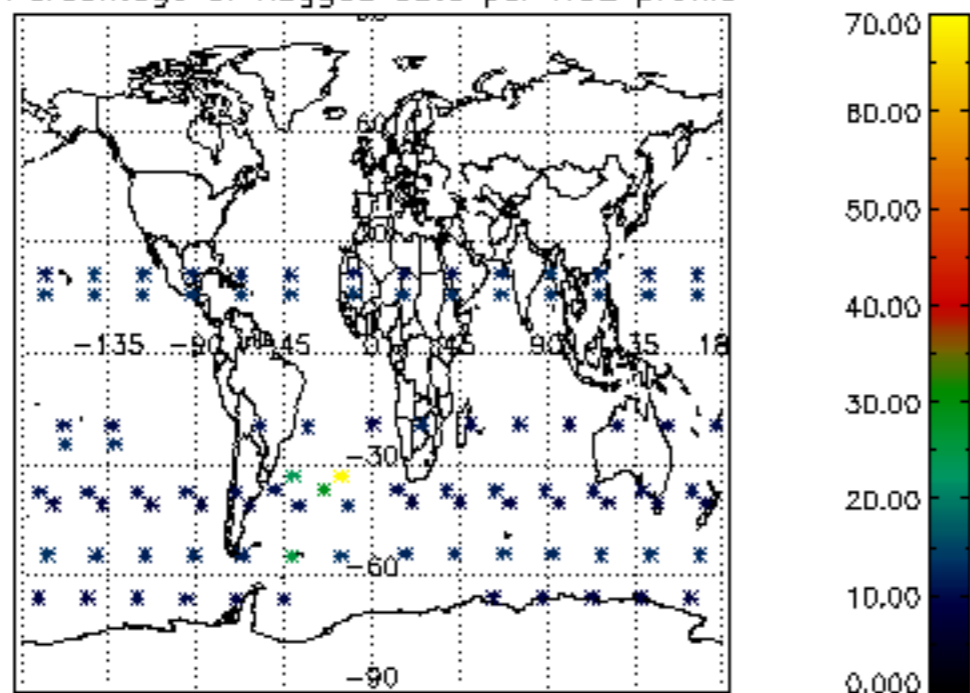
Percentage of flagged data per D3 profile



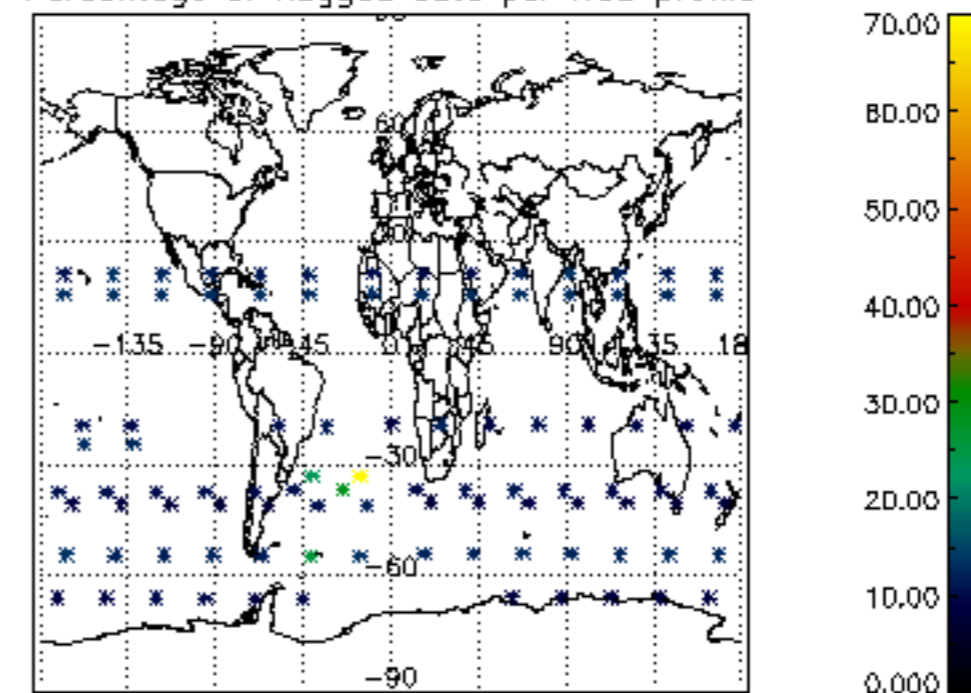
Percentage of flagged data per H2O profile

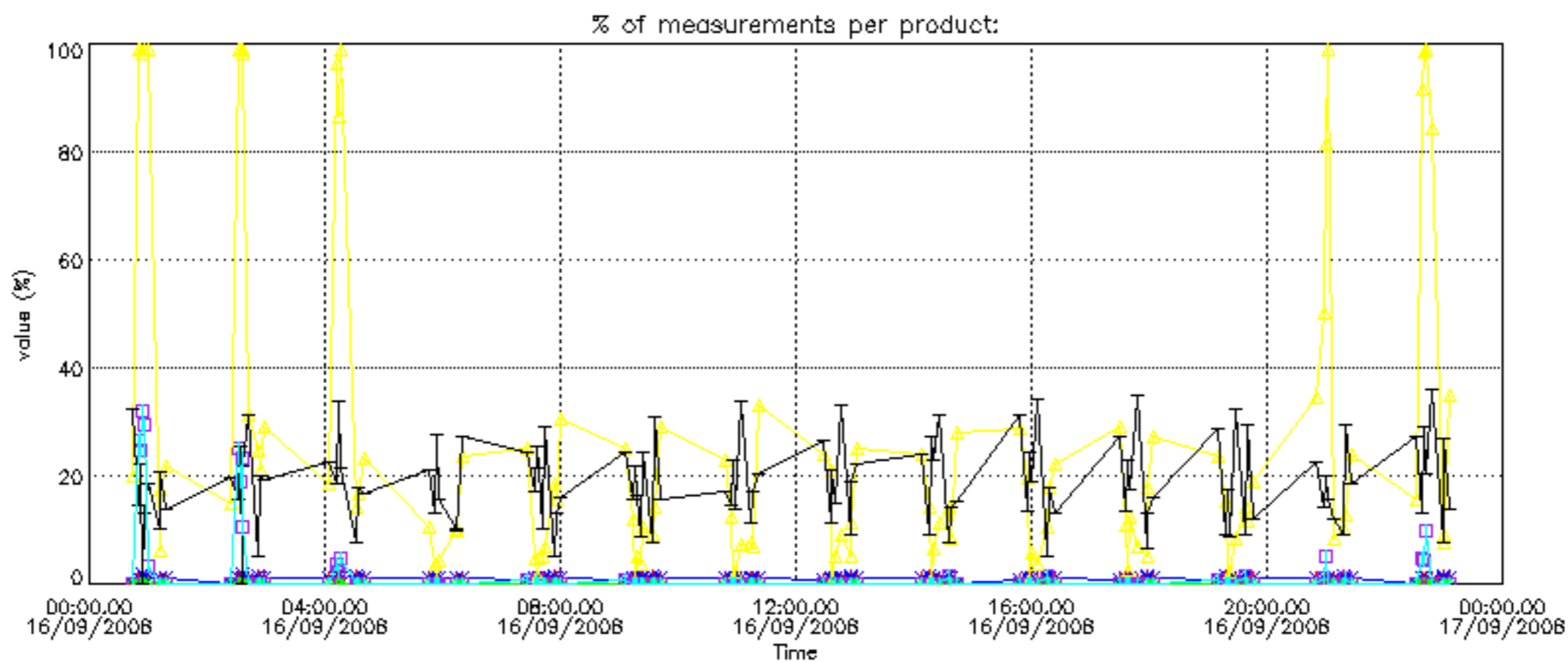
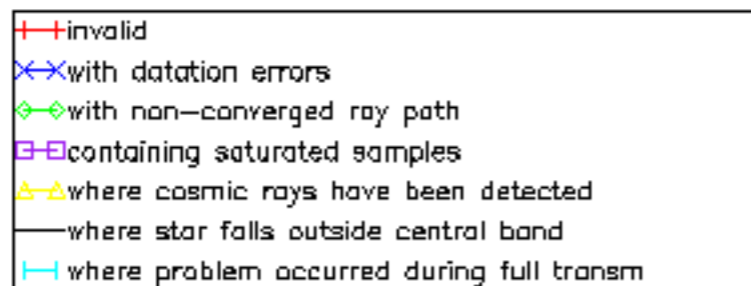


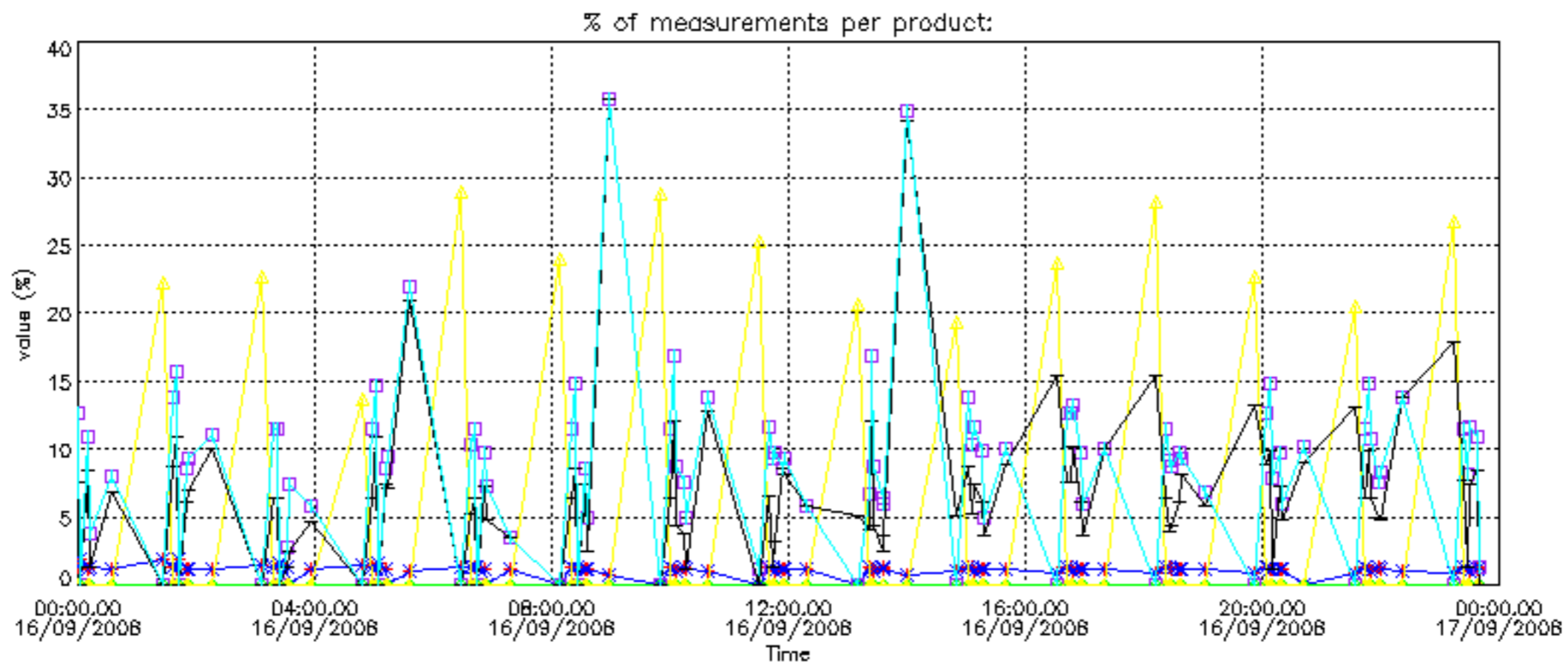
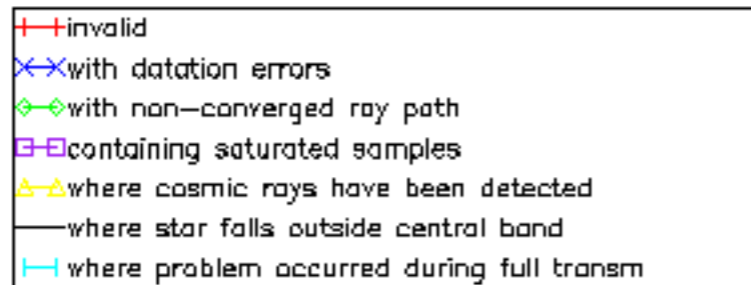
Percentage of flagged data per NO2 profile



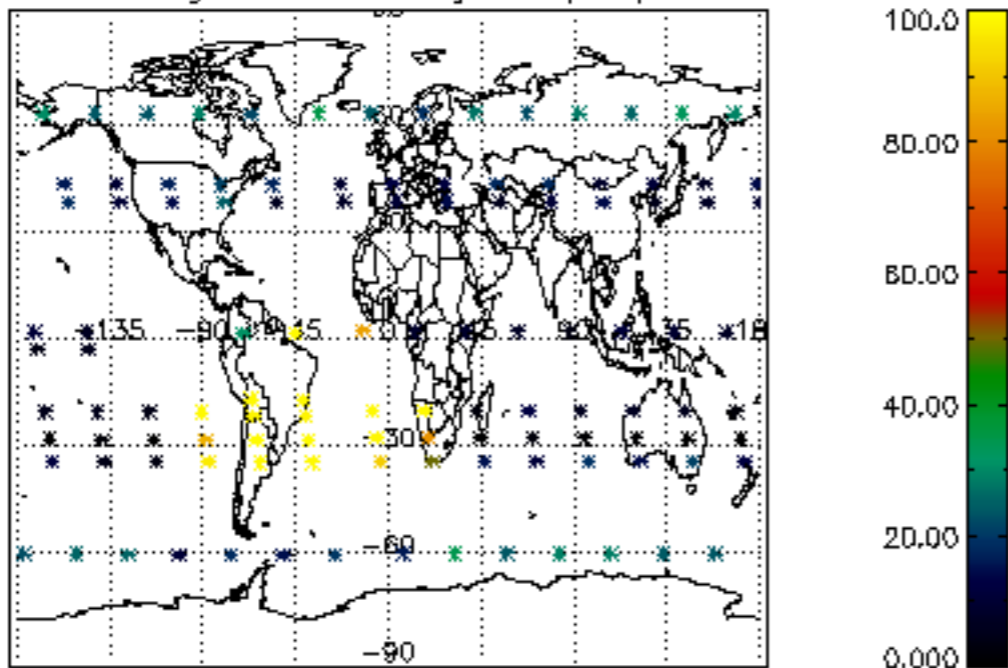
Percentage of flagged data per NO3 profile



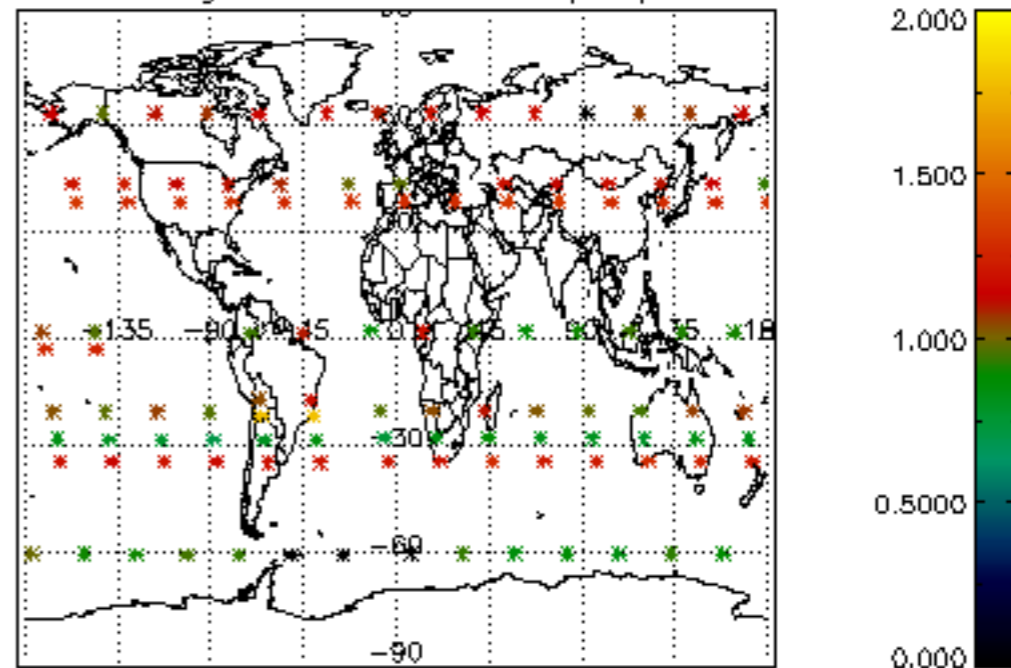




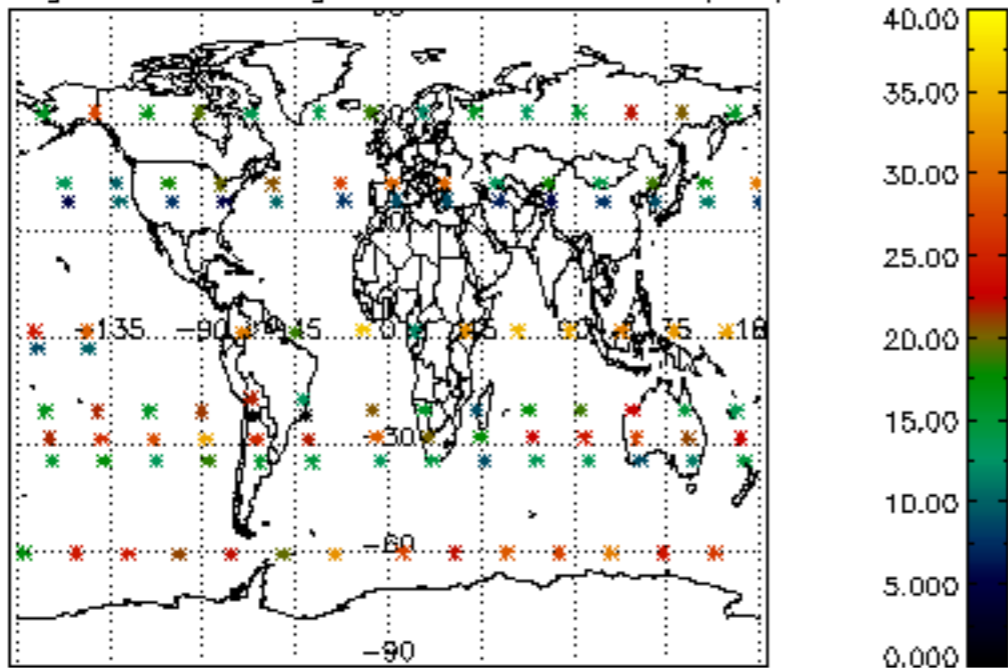
Percentage of cosmic ray hits per profile



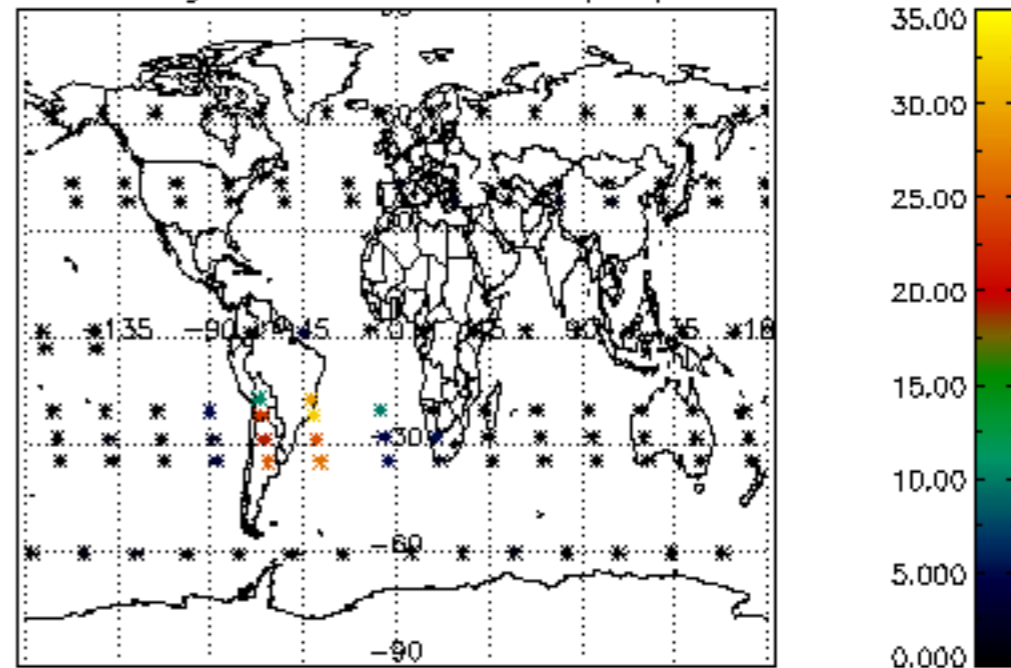
Percentage of datation errors per profile



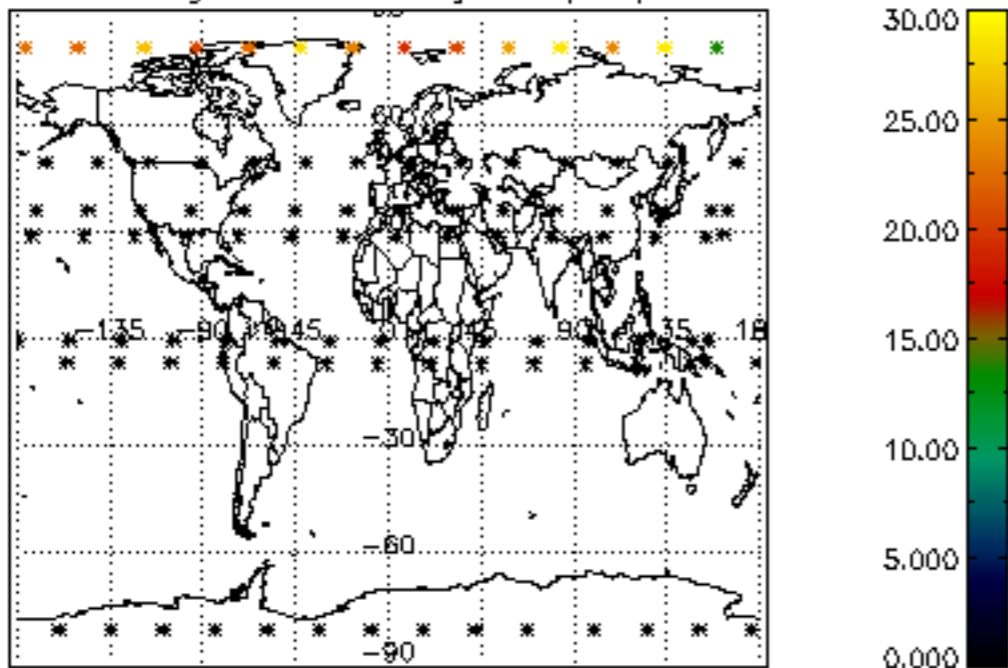
Percentage of star falling outside central band per profile



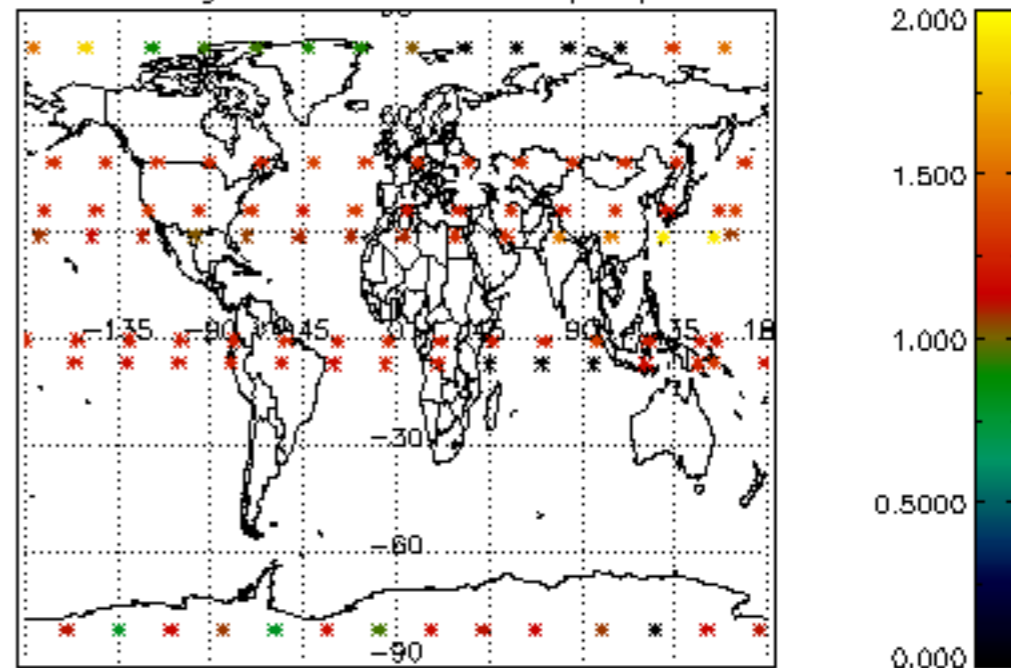
Percentage of saturation errors per profile



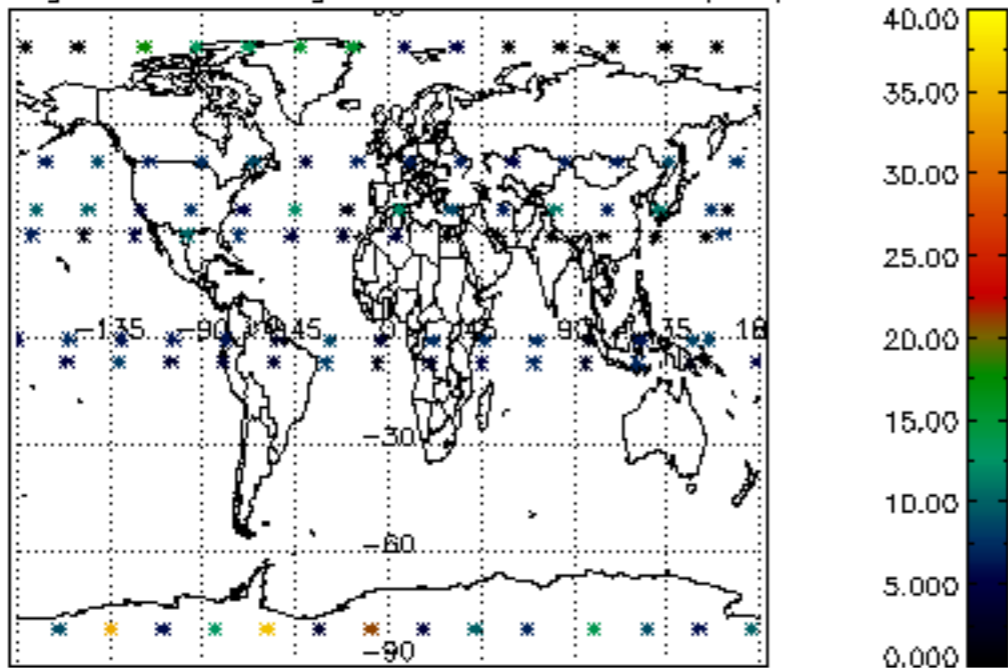
Percentage of cosmic ray hits per profile



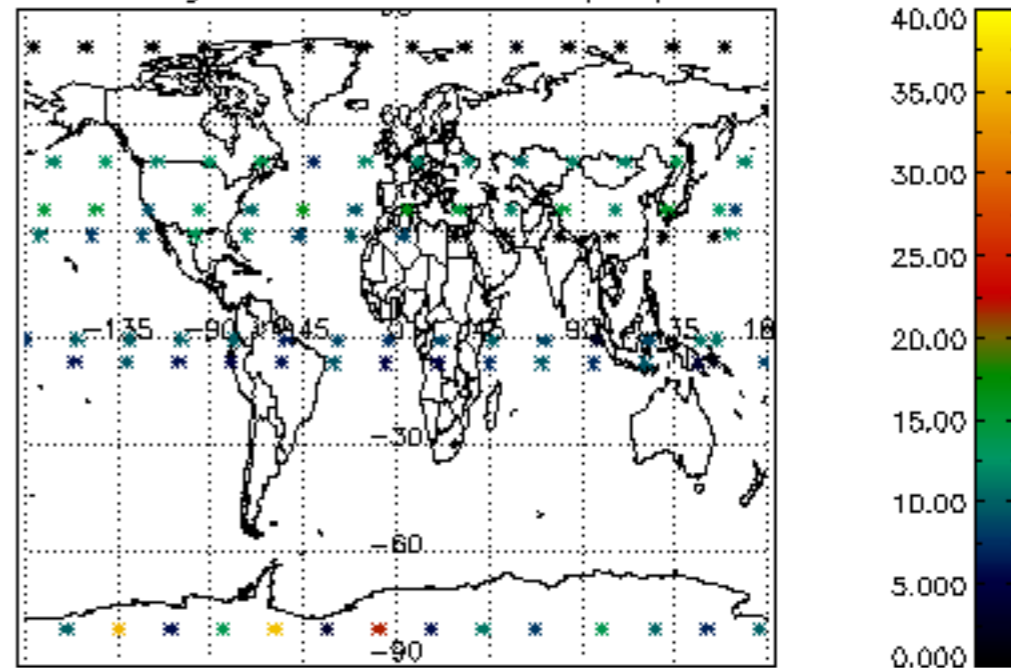
Percentage of datation errors per profile

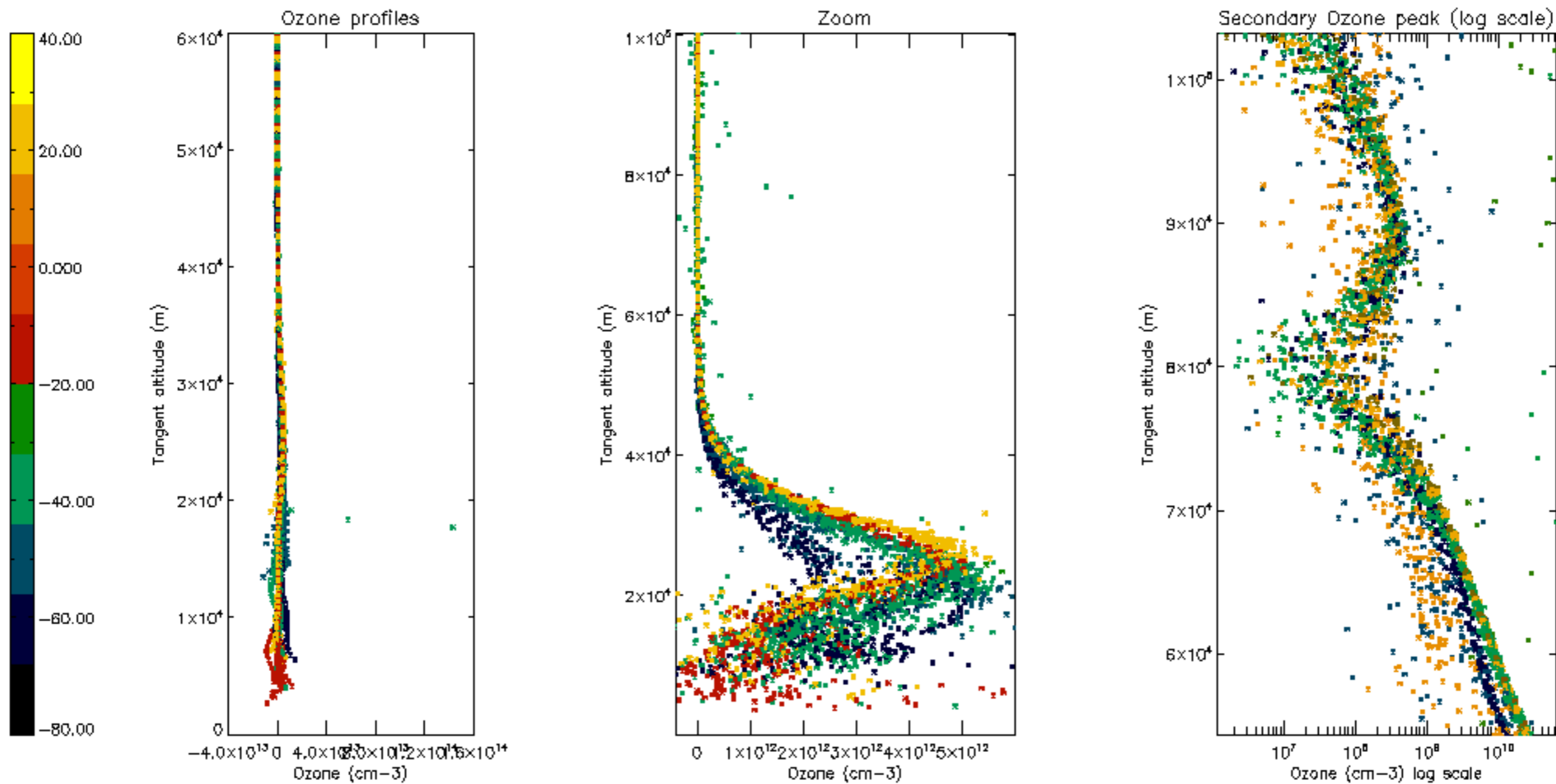


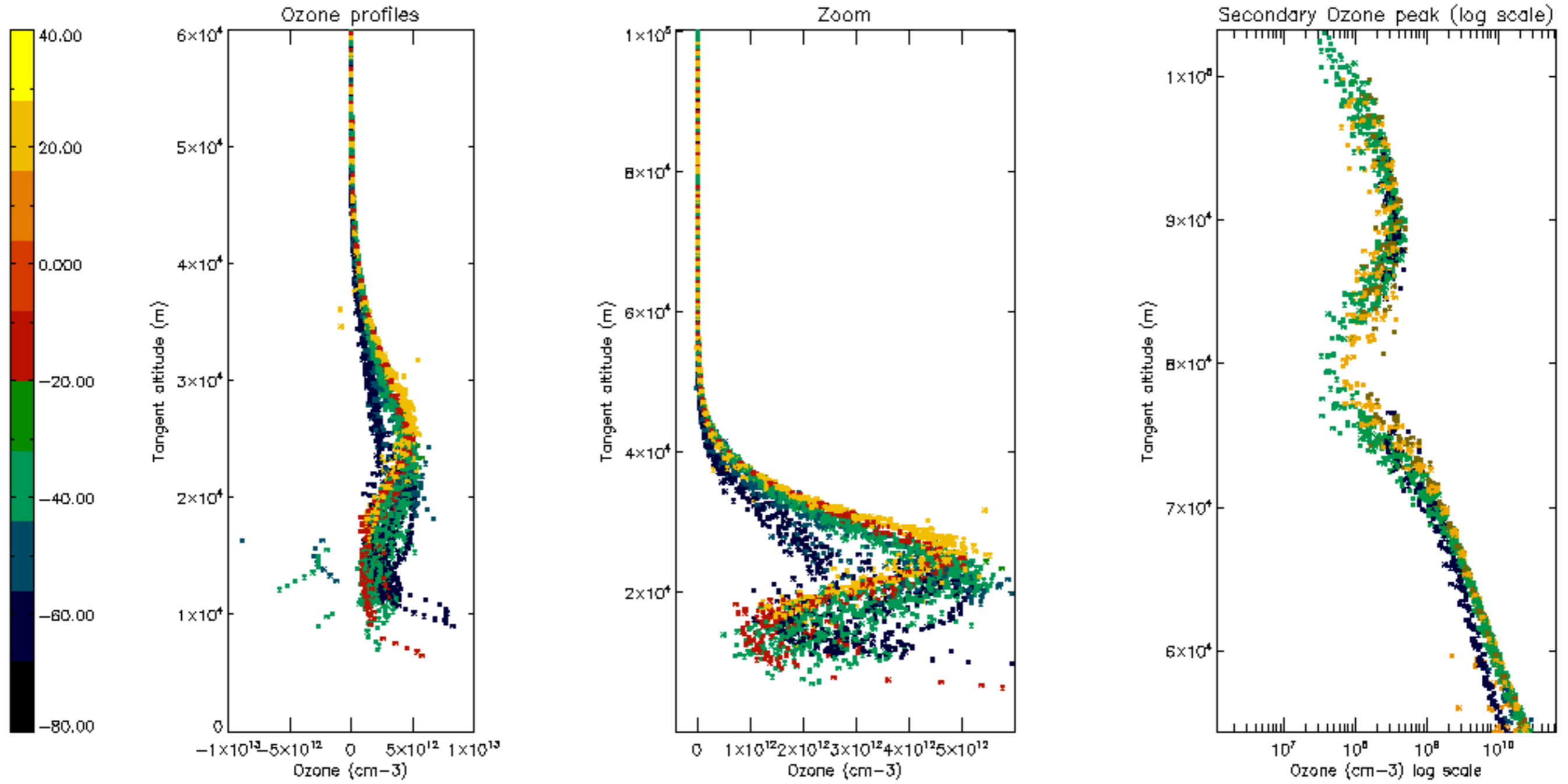
Percentage of star falling outside central band per profile

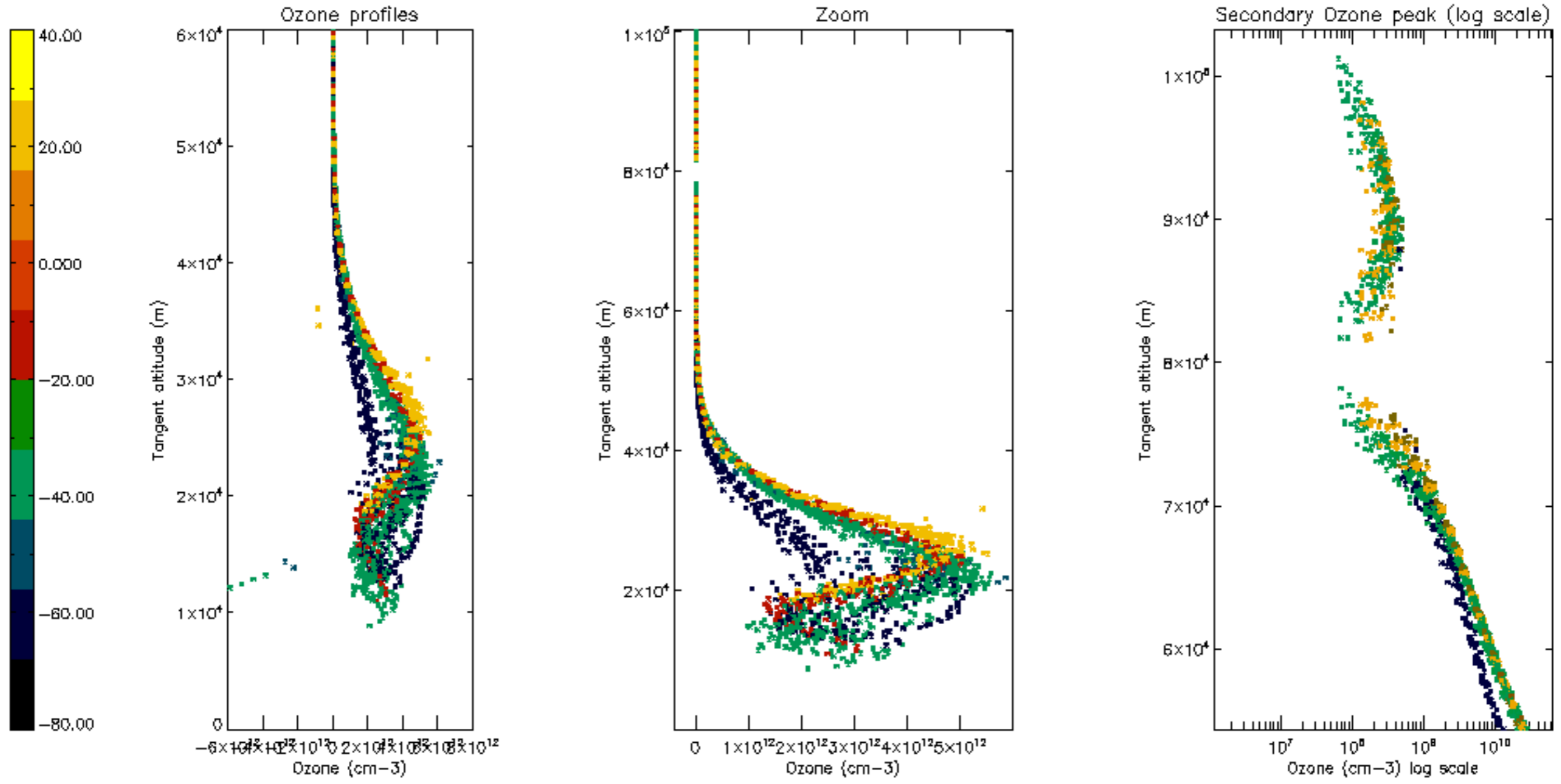


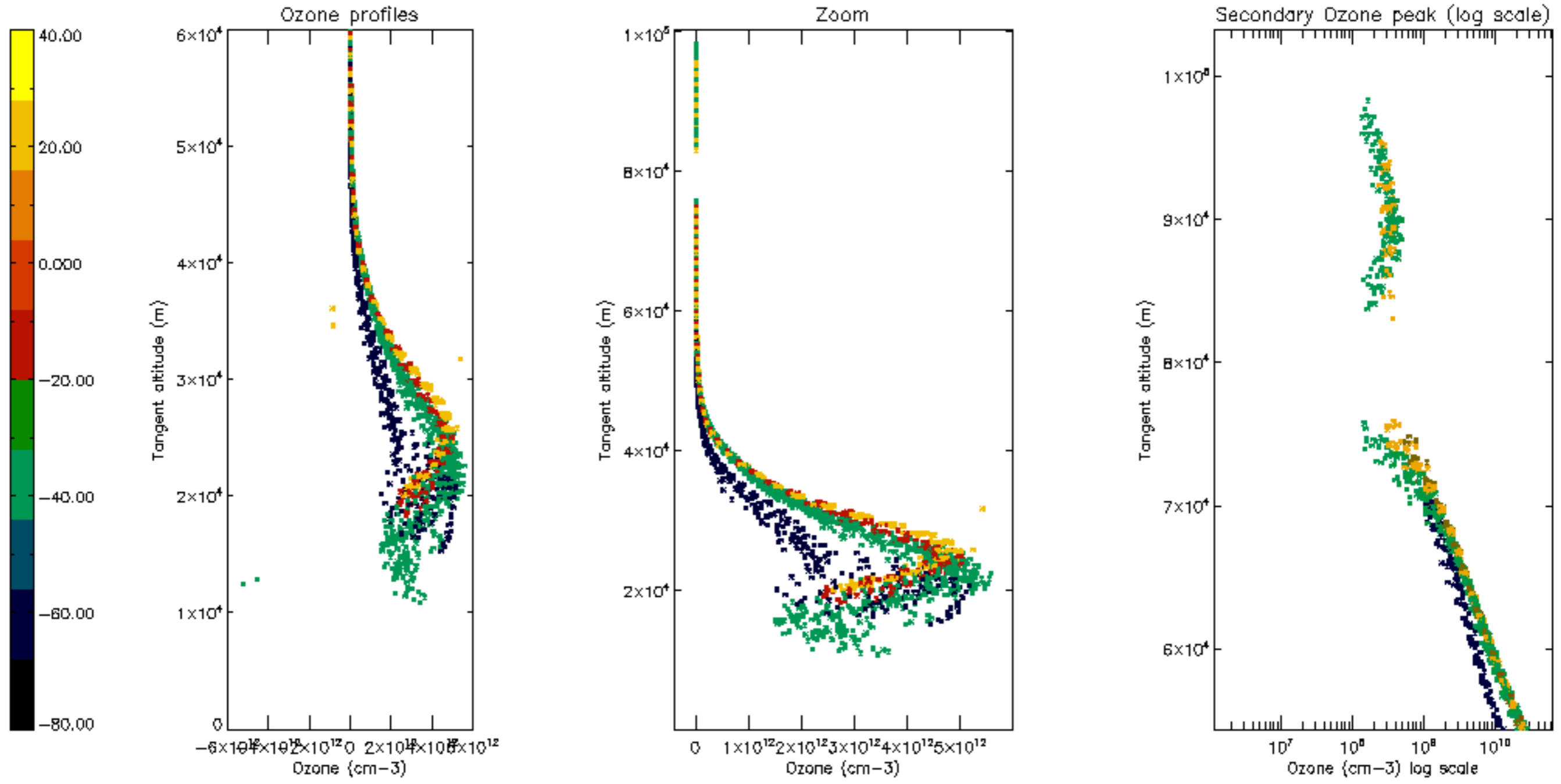
Percentage of saturation errors per profile

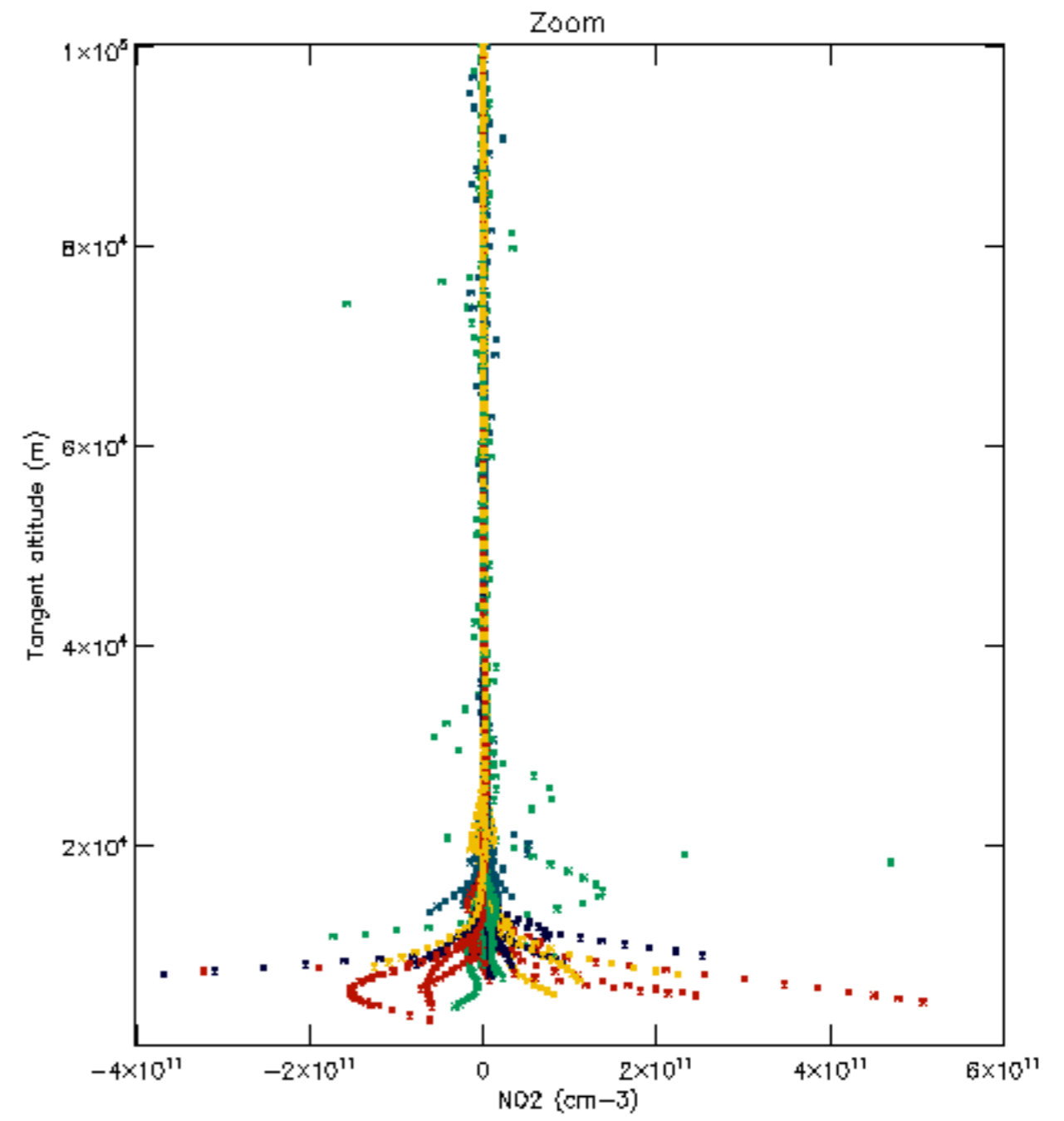
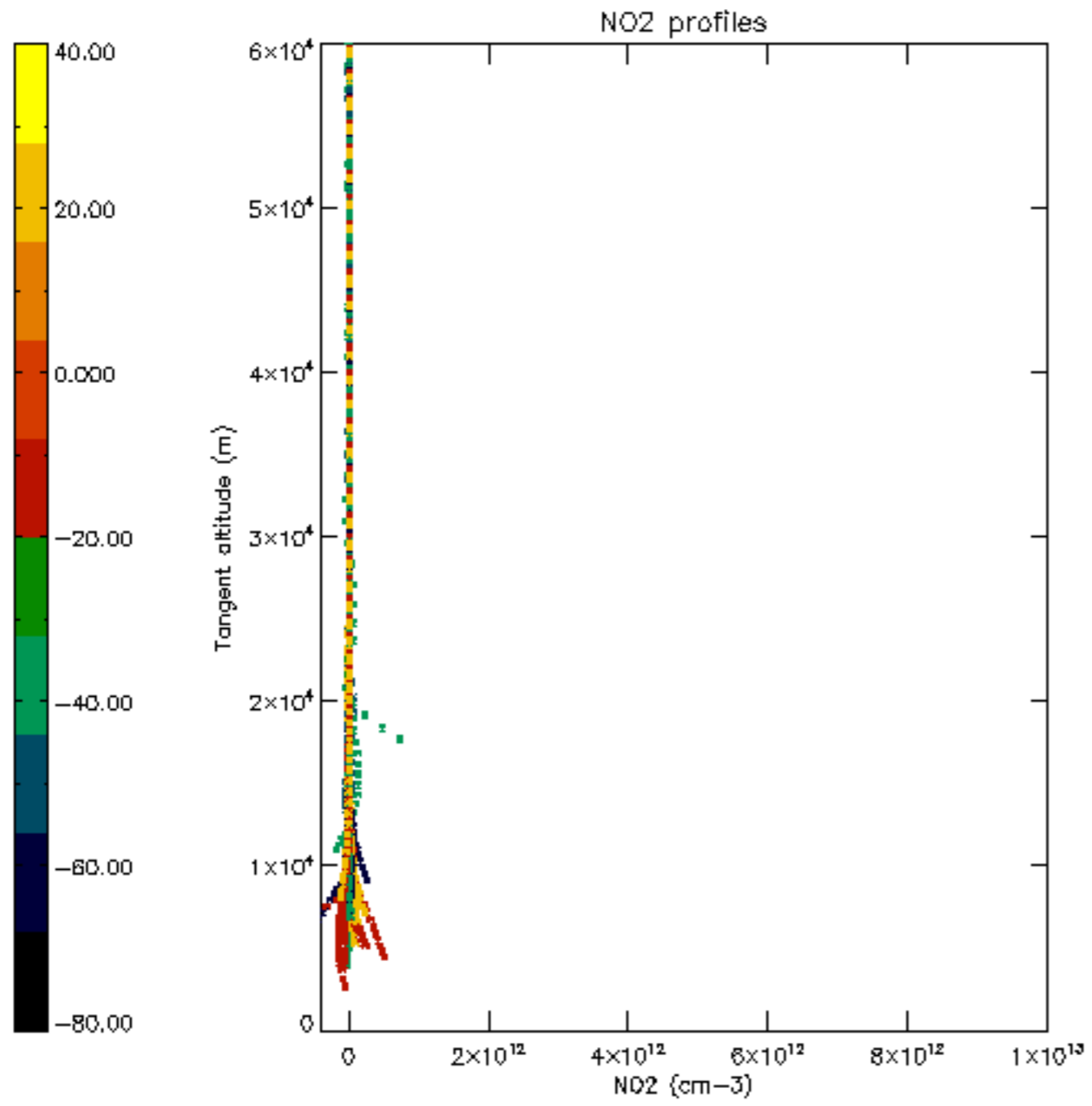


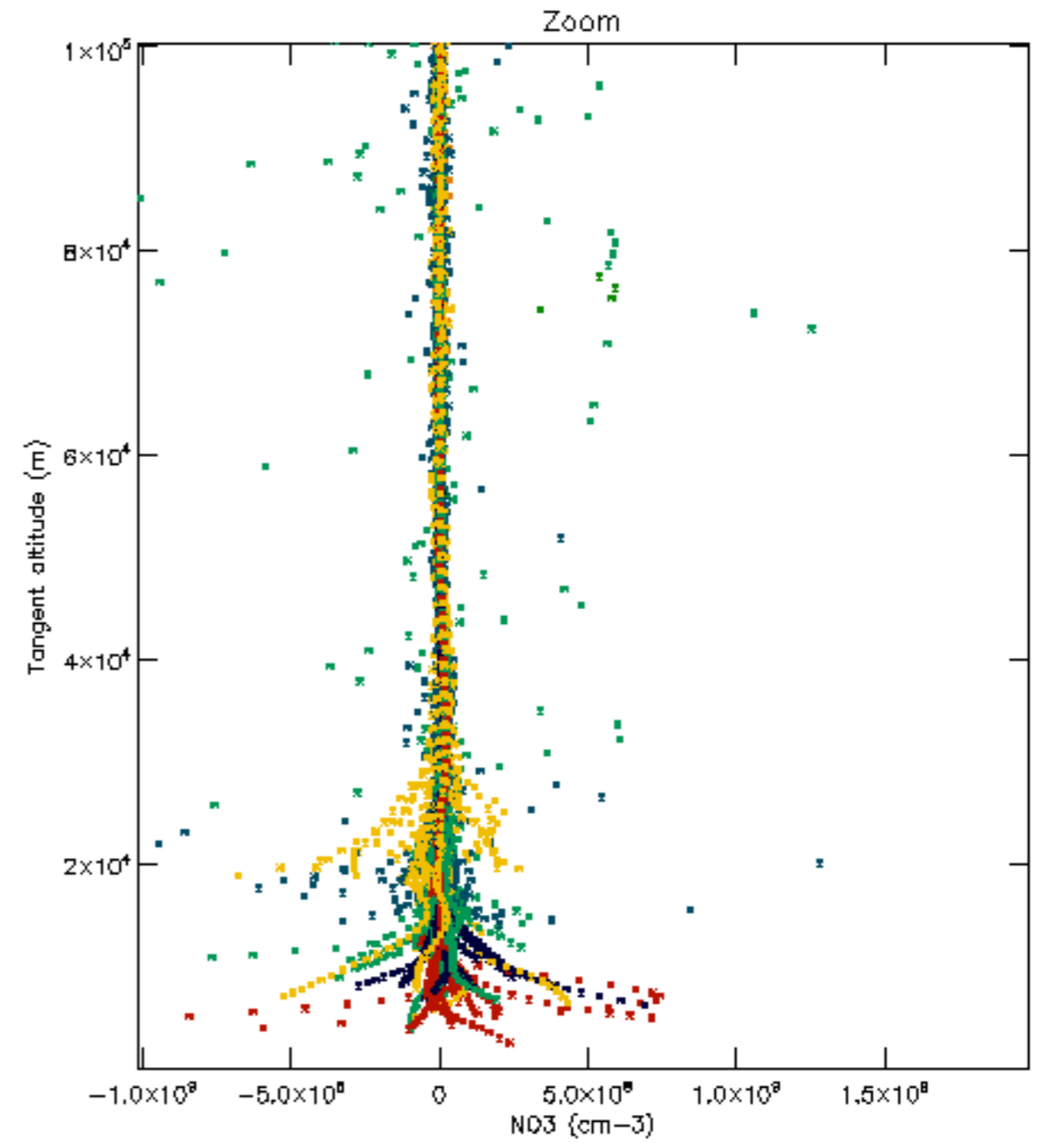
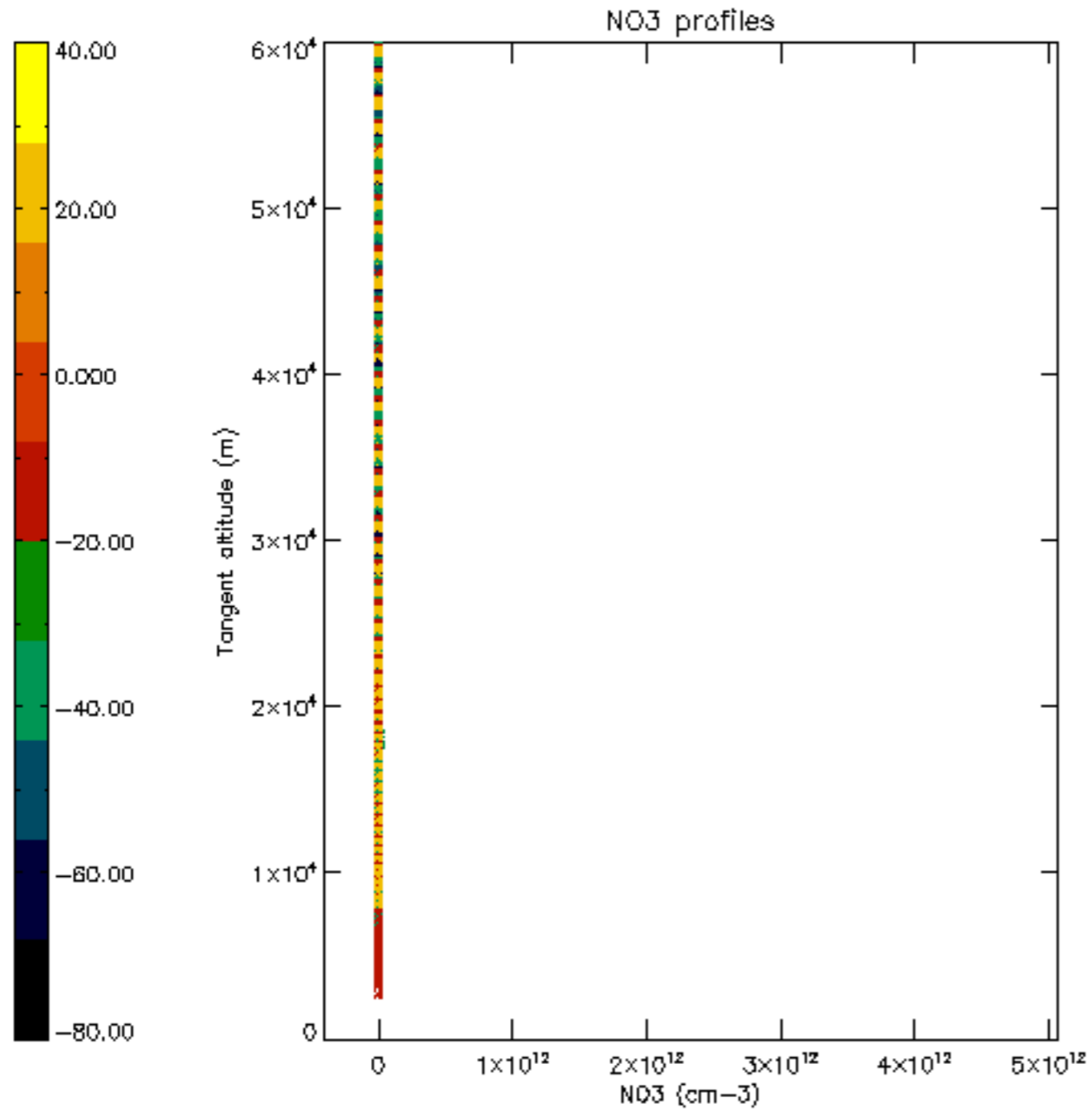


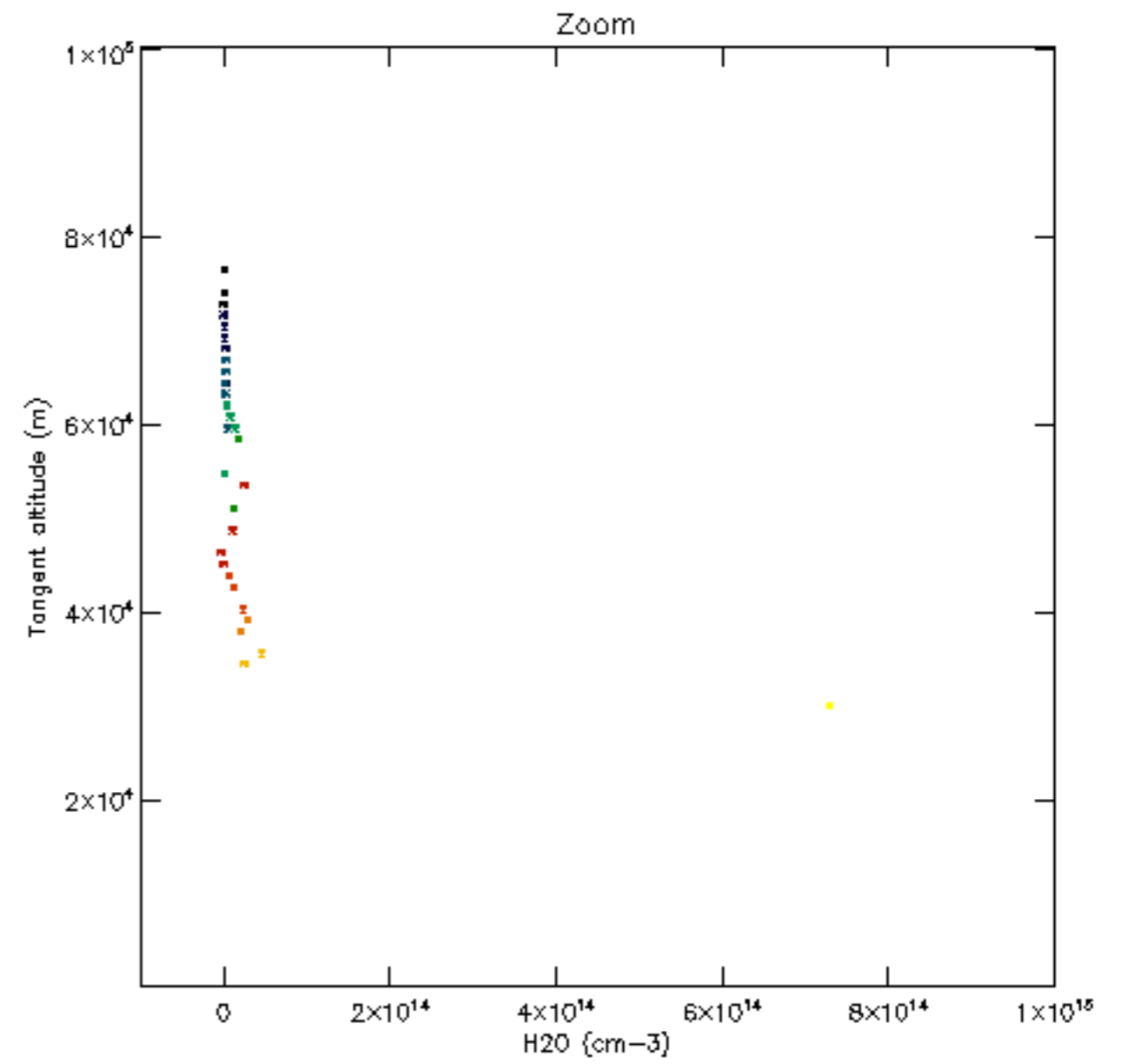
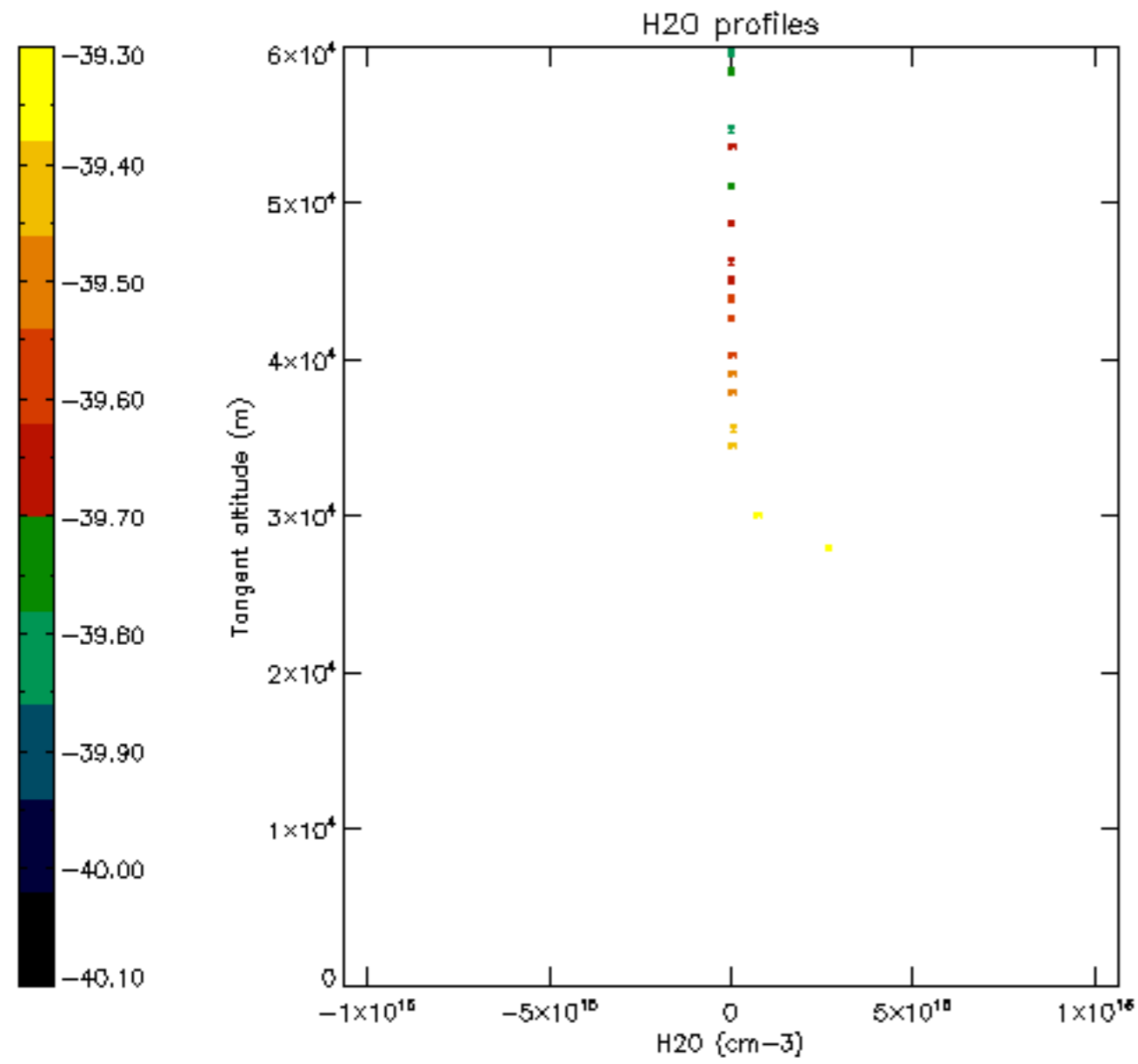


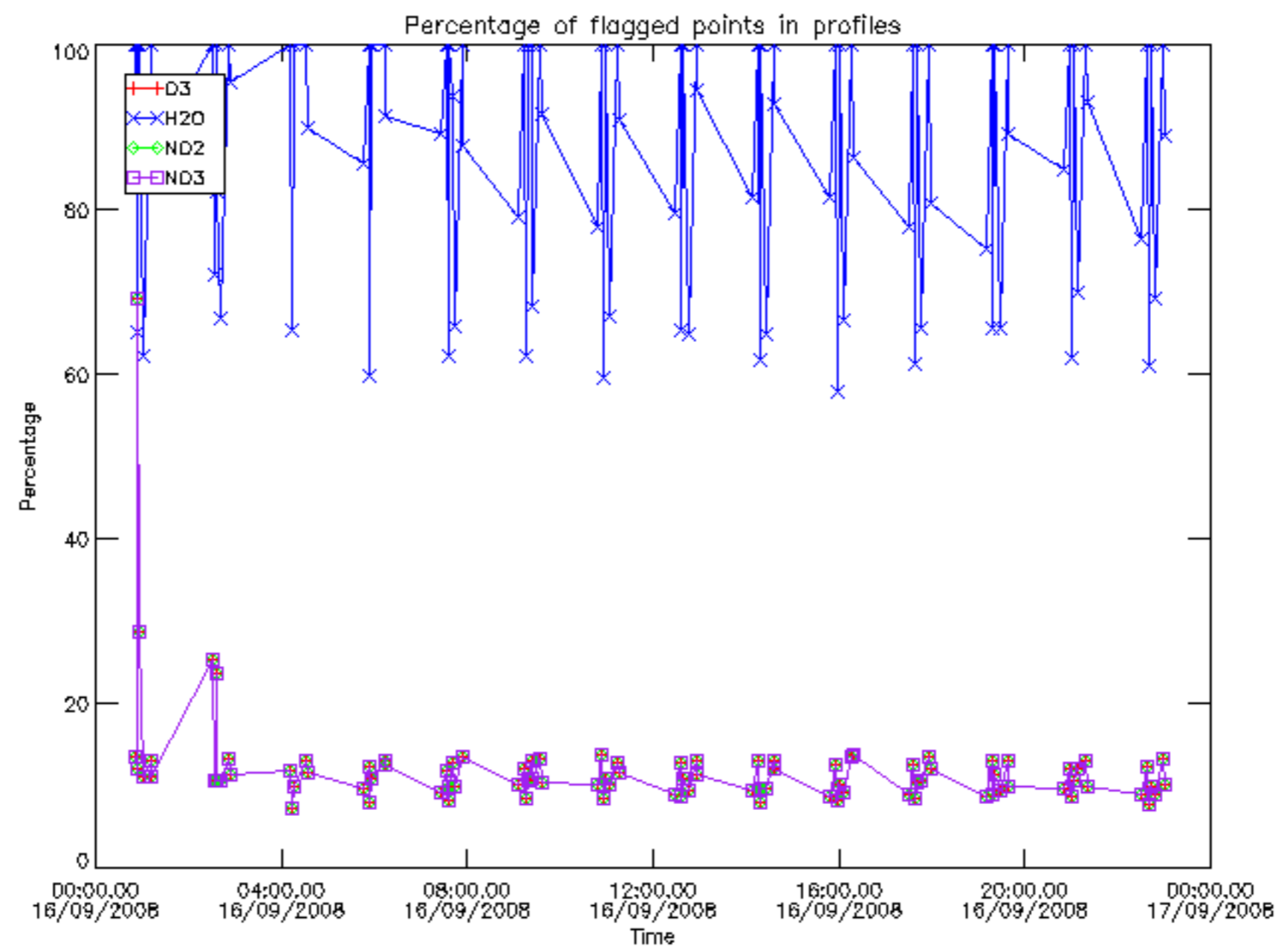




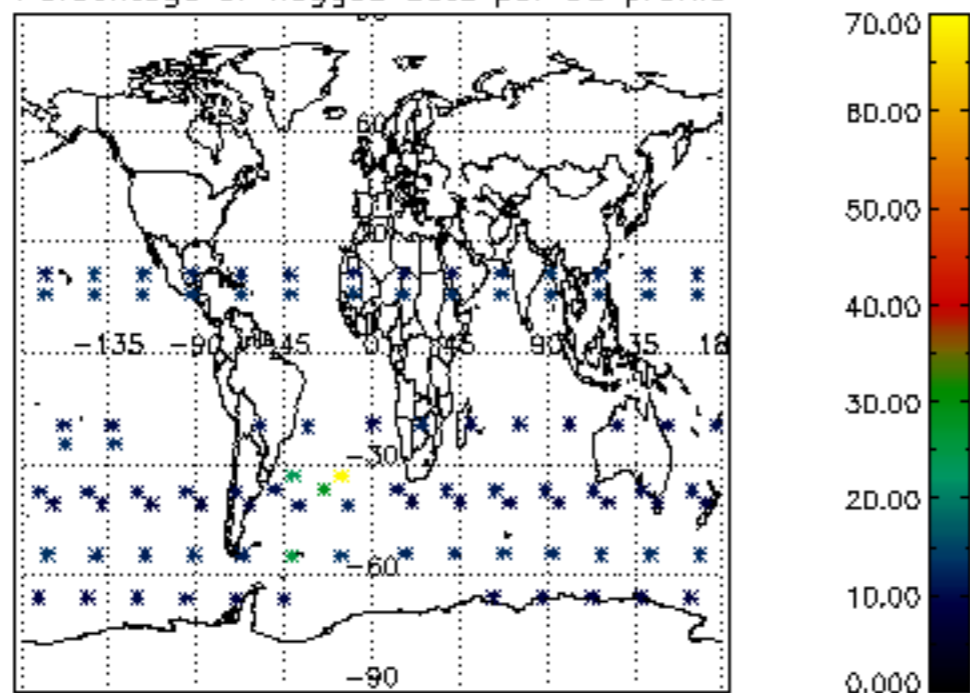




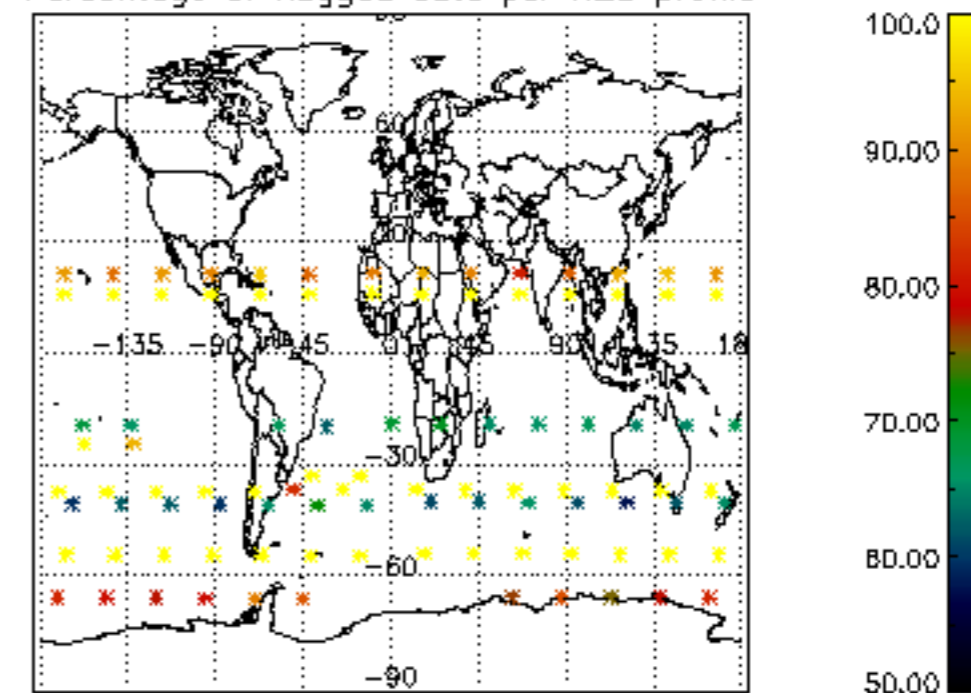




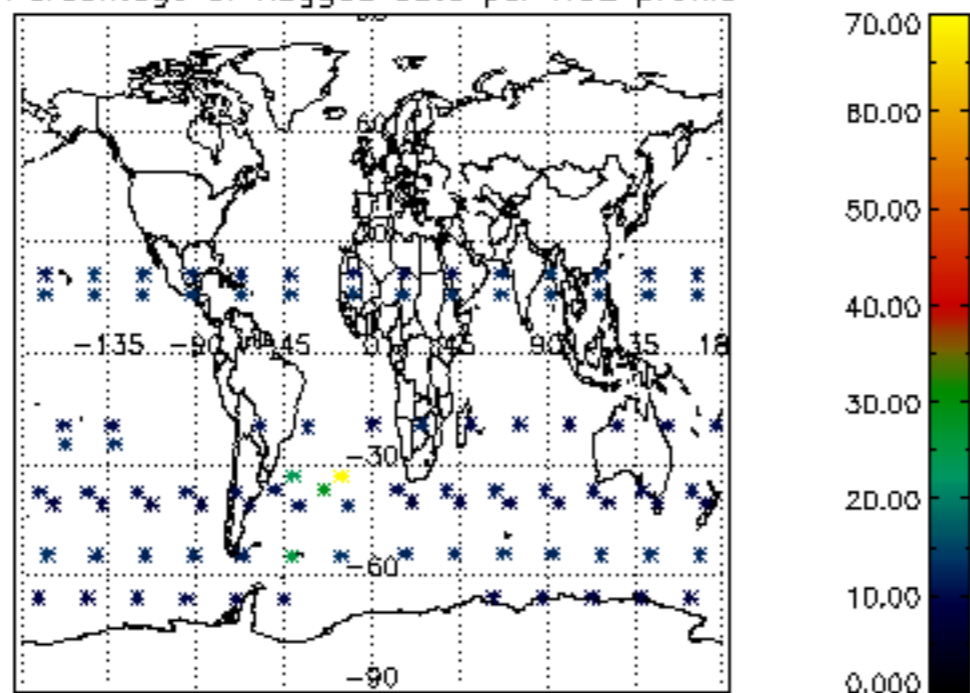
Percentage of flagged data per D3 profile



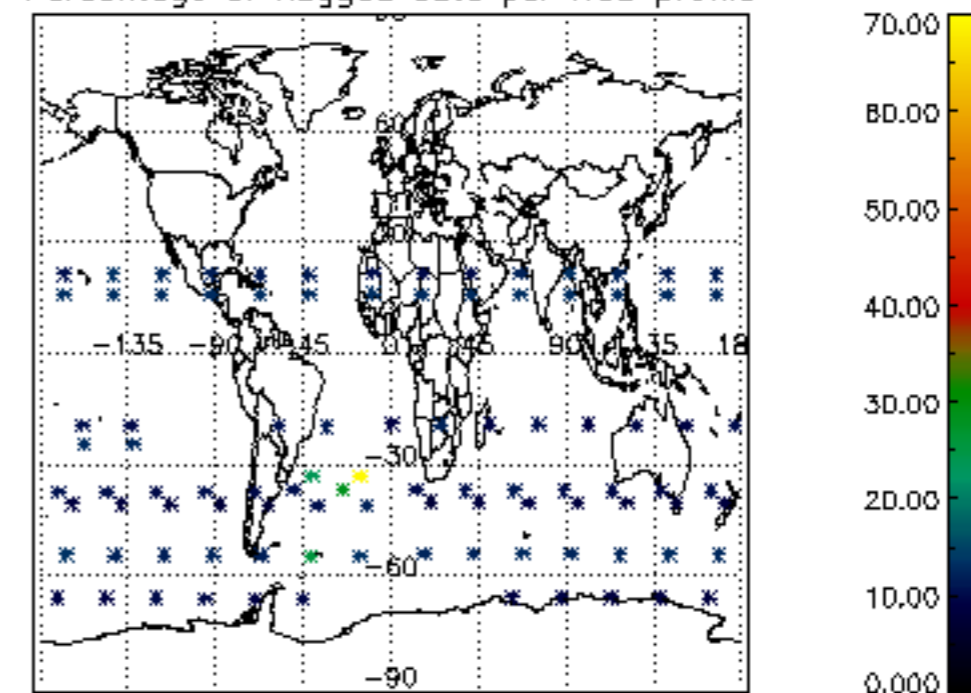
Percentage of flagged data per H2O profile

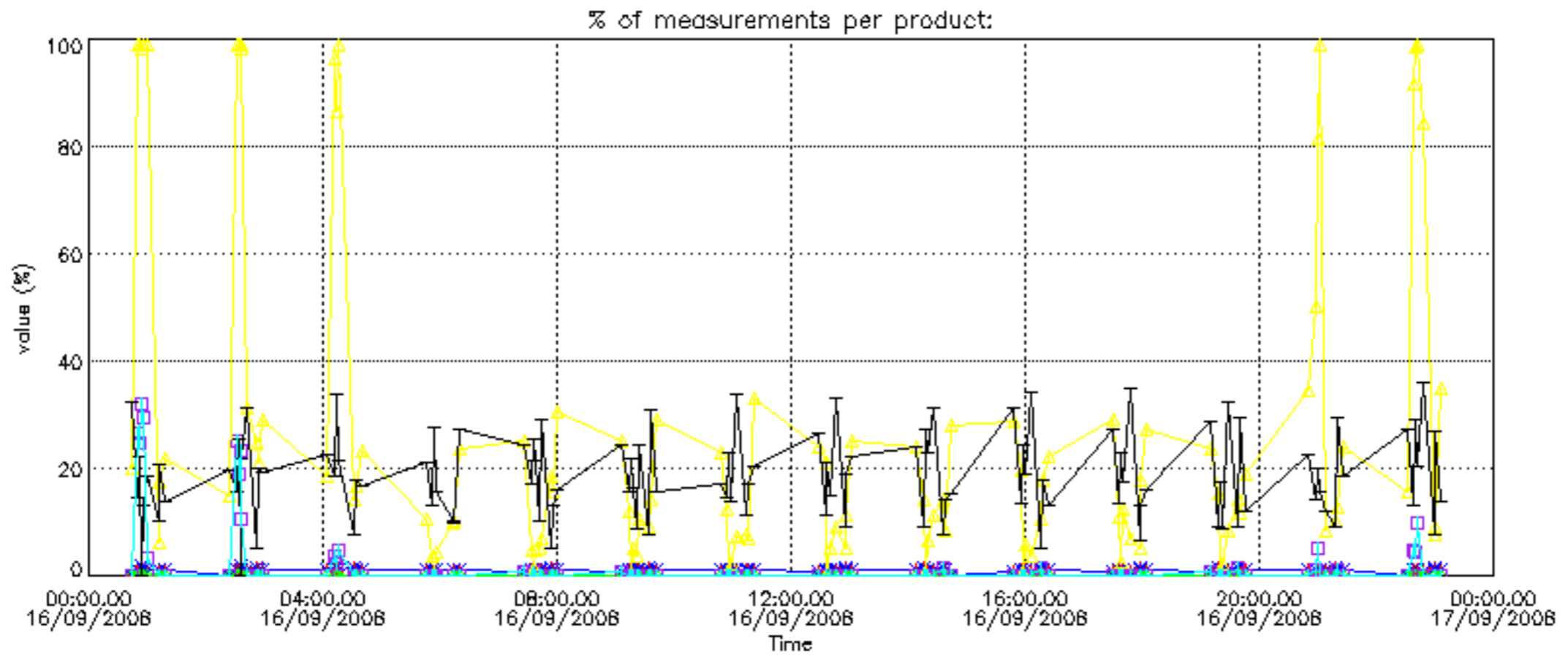


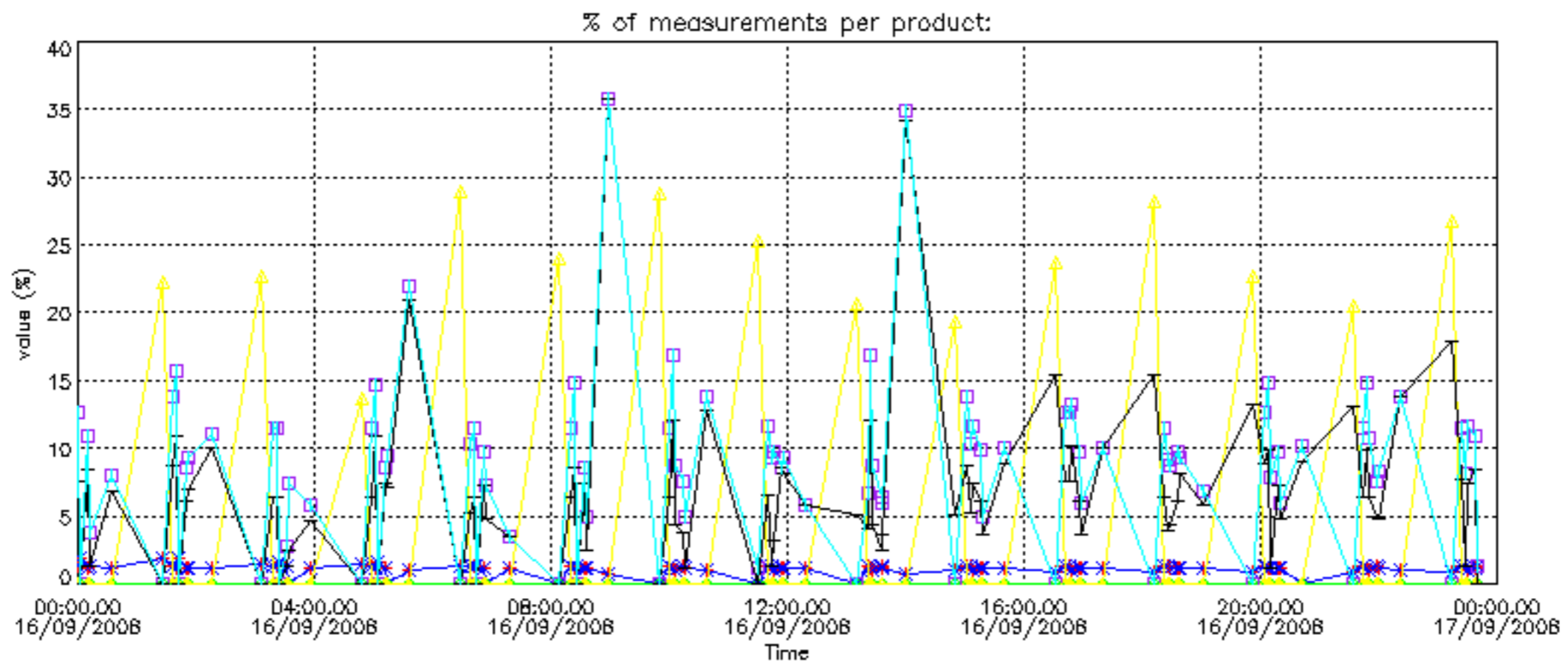
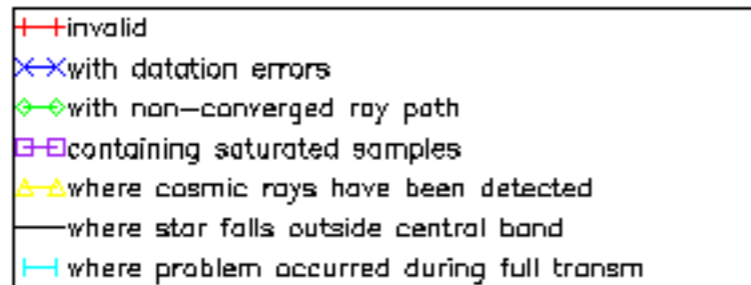
Percentage of flagged data per NO2 profile



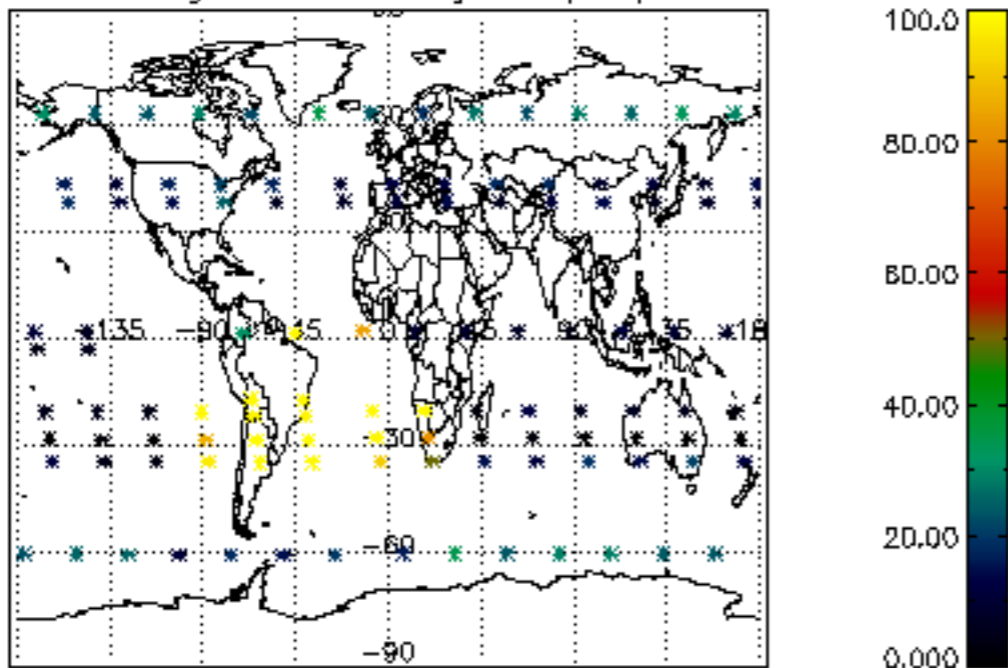
Percentage of flagged data per NO3 profile



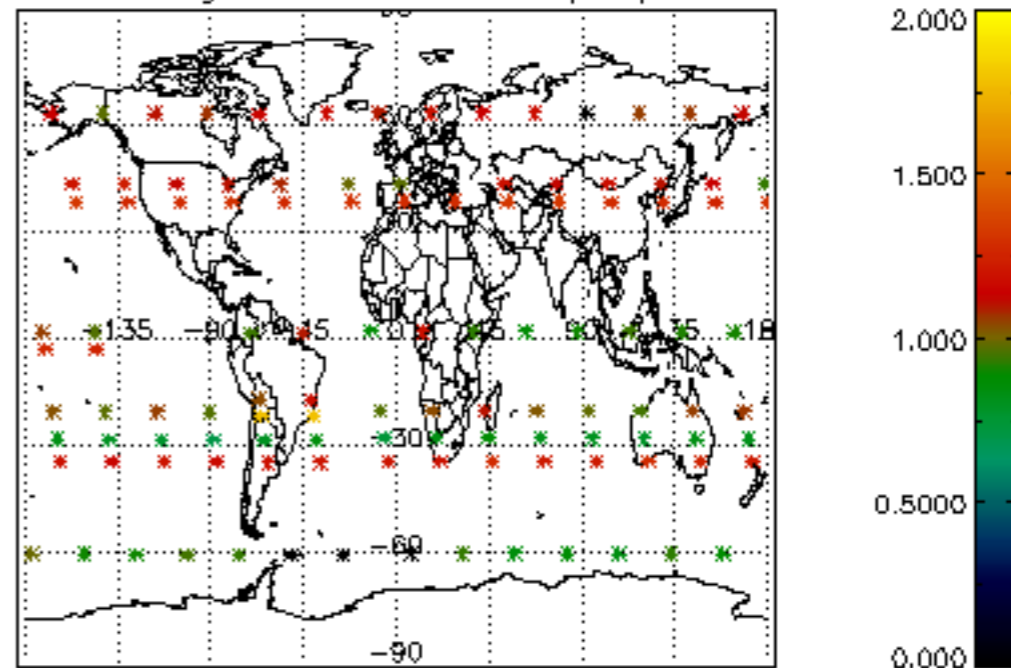




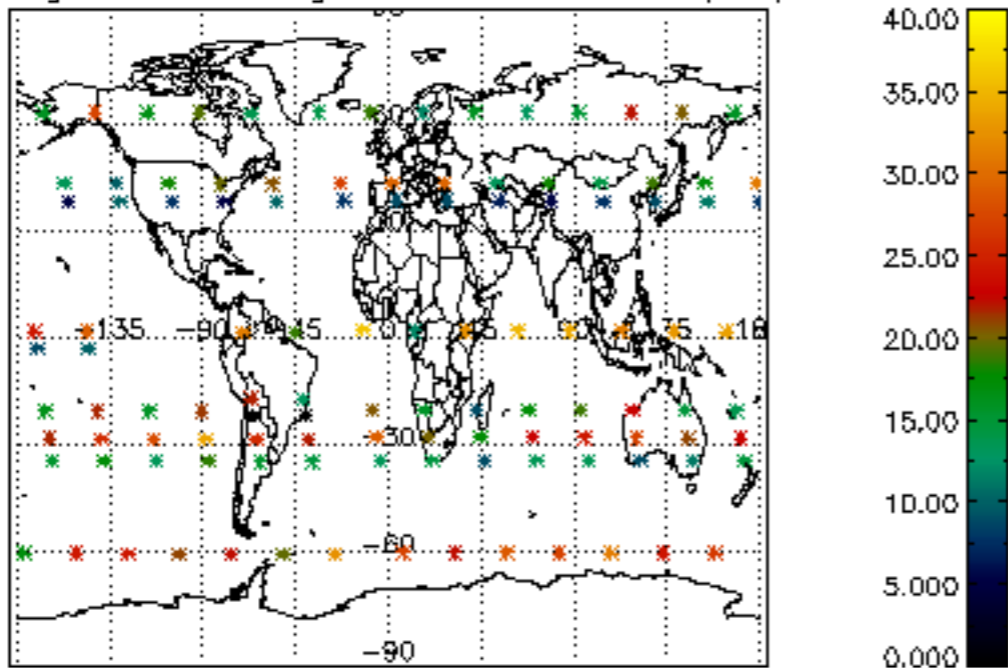
Percentage of cosmic ray hits per profile



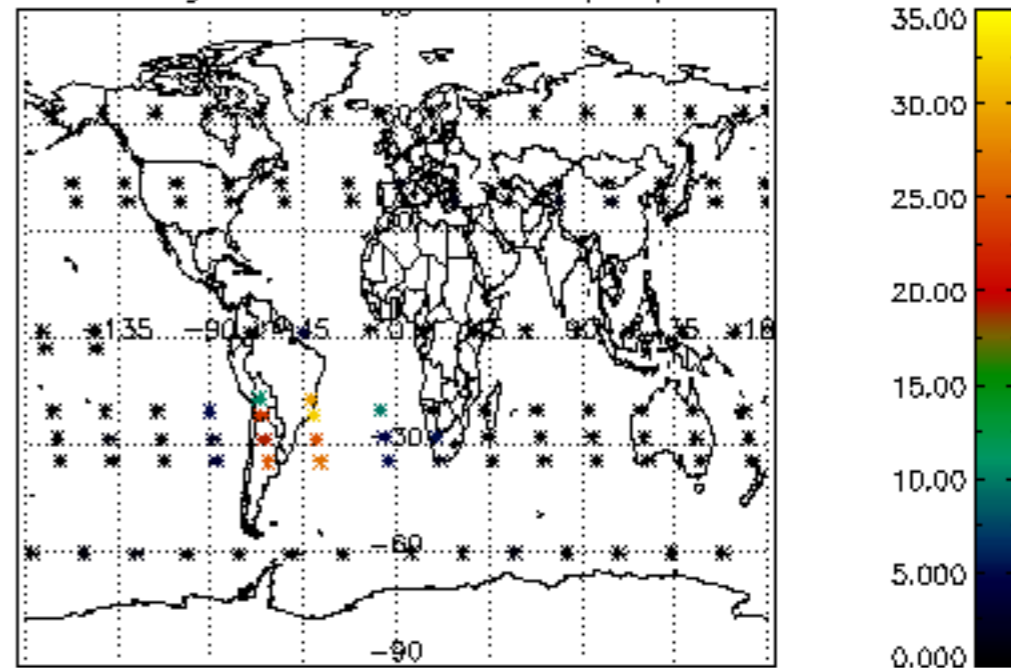
Percentage of datation errors per profile



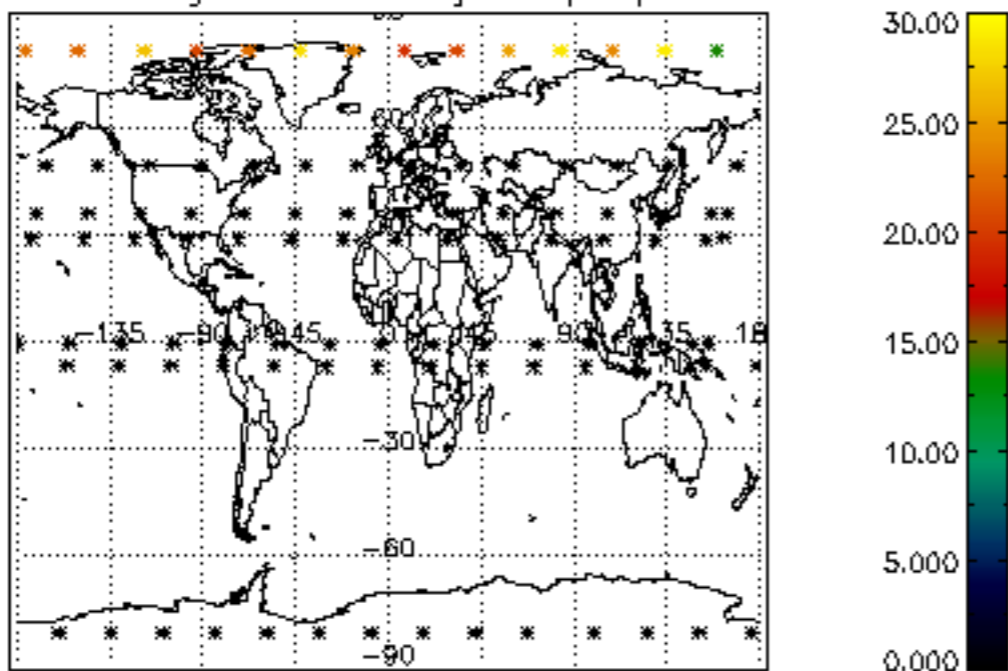
Percentage of star falling outside central band per profile



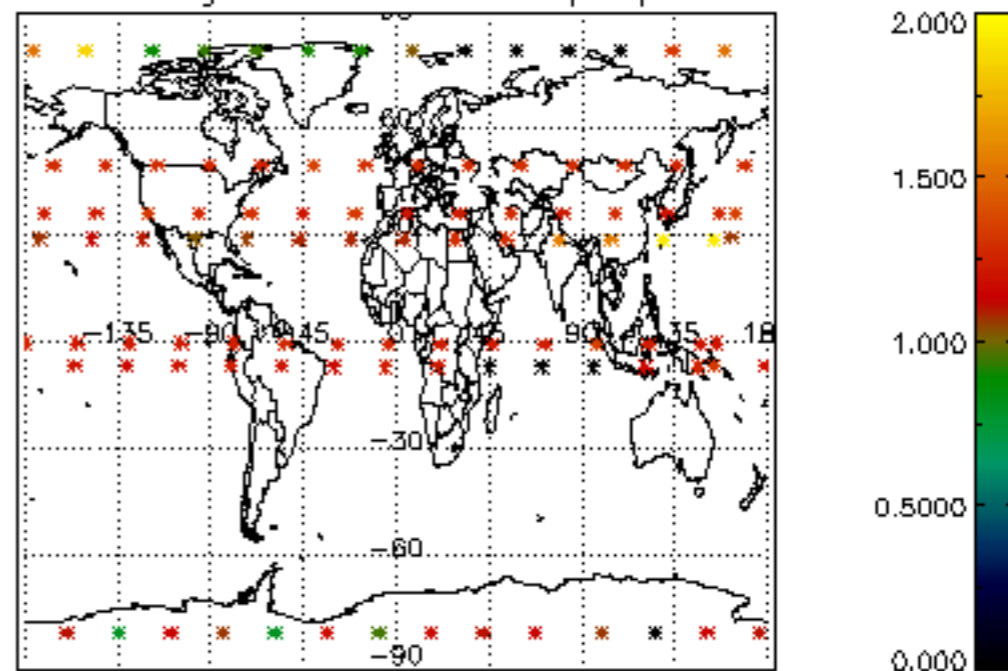
Percentage of saturation errors per profile



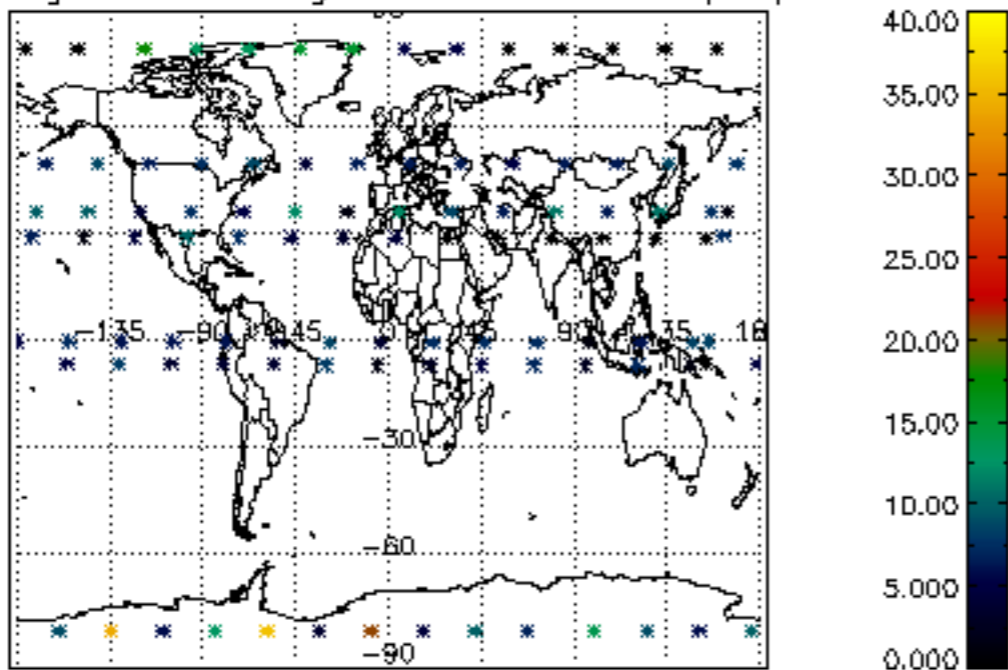
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

