

# 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 20:17:59
Data source version	GOMOS/6.01
Start time of products	26-09-2008 (26SEP2008 00:00:00)
Stop time of products	27-09-2008 (27SEP2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	140
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__2PRFIN20080926_002200_000000532072_00245_34367_8868.N1	26-SEP-2008 00:22:00	Bright	52.500	17	78Bet Gem	1.1610	4500.0	105	34367	No
2	GOM_NL__2PRFIN20080926_003037_000000542072_00245_34367_8869.N1	26-SEP-2008 00:30:37	Dark	53.500	8	10Alp CMi	0.40000	6500.0	107	34367	No
3	GOM_NL__2PRFIN20080926_004243_000000512072_00245_34367_8870.N1	26-SEP-2008 00:42:43	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	34367	No
4	GOM_NL__2PRFIN20080926_004649_000000422072_00246_34368_8876.N1	26-SEP-2008 00:46:49	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	34368	No
5	GOM_NL__2PRFIN20080926_005924_000000482072_00246_34368_8877.N1	26-SEP-2008 00:59:24	Dark	47.500	9	Alp Eri	0.45300	24000.	95	34368	No
6	GOM_NL__2PRFIN20080926_010453_000000422072_00246_34368_8878.N1	26-SEP-2008 01:04:53	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	34368	No
7	GOM_NL__2PRFIN20080926_011200_000000522072_00246_34368_8879.N1	26-SEP-2008 01:12:00	Twilight	51.500	52	16Bet Cet	2.0370	4500.0	103	34368	No
8	GOM_NL__2PRFIN20080926_012218_000000362072_00246_34368_8880.N1	26-SEP-2008 01:22:18	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	34368	No
9	GOM_NL__2PRFIN20080926_012600_000000392072_00246_34368_8881.N1	26-SEP-2008 01:26:00	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	34368	No
10	GOM_NL__2PRFIN20080926_013542_000000392072_00246_34368_8882.N1	26-SEP-2008 01:35:42	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	34368	No
11	GOM_NL__2PRFIN20080926_013712_000000402072_00246_34368_8883.N1	26-SEP-2008 01:37:12	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	34368	No
12	GOM_NL__2PRFIN20080926_020236_000000712072_00246_34368_8884.N1	26-SEP-2008 02:02:36	Bright	71.000	17	78Bet Gem	1.1610	4500.0	142	34368	No
13	GOM_NL__2PRFIN20080926_021113_000000452072_00246_34368_8885.N1	26-SEP-2008 02:11:13	Dark	45.000	8	10Alp CMi	0.40000	6500.0	90	34368	No
14	GOM_NL__2PRFIN20080926_022320_000000562072_00246_34368_8886.N1	26-SEP-2008 02:23:20	Dark	55.500	23	21Eps CMa	1.5020	26000.	111	34368	No
15	GOM_NL__2PRFIN20080926_022726_000000422072_00247_34369_8890.N1	26-SEP-2008 02:27:26	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	34369	No
16	GOM_NL__2PRFIN20080926_024000_000000432072_00247_34369_8891.N1	26-SEP-2008 02:40:00	Dark	43.000	9	Alp Eri	0.45300	24000.	86	34369	No
17	GOM_NL__2PRFIN20080926_024529_000000432072_00247_34369_8892.N1	26-SEP-2008 02:45:29	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34369	No
18	GOM_NL__2PRFIN20080926_025236_000000502072_00247_34369_8893.N1	26-SEP-2008 02:52:36	Twilight	50.000	52	16Bet Cet	2.0370	4500.0	100	34369	No
19	GOM_NL__2PRFIN20080926_030254_000000372072_00247_34369_8894.N1	26-SEP-2008 03:02:54	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	34369	No
20	GOM_NL__2PRFIN20080926_030636_000000392072_00247_34369_8895.N1	26-SEP-2008 03:06:36	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34369	No
21	GOM_NL__2PRFIN20080926_031618_000000382072_00247_34369_8896.N1	26-SEP-2008 03:16:18	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	34369	No
22	GOM_NL__2PRFIN20080926_031747_000000372072_00247_34369_8897.N1	26-SEP-2008 03:17:47	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	34369	No
23	GOM_NL__2PRFIN20080926_034312_000000522072_00247_34369_8898.N1	26-SEP-2008 03:43:12	Bright	51.500	17	78Bet Gem	1.1610	4500.0	103	34369	No
24	GOM_NL__2PRFIN20080926_035150_000000452072_00247_34369_8899.N1	26-SEP-2008 03:51:50	Dark	45.000	8	10Alp CMi	0.40000	6500.0	90	34369	No
25	GOM_NL__2PRFIN20080926_035904_000000442072_00247_34369_8900.N1	26-SEP-2008 03:59:04	Dark	44.000	132	15Rho Pup	2.8030	6900.0	88	34369	No
26	GOM_NL__2PRFIN20080926_040226_000000462072_00247_34369_8901.N1	26-SEP-2008 04:02:26	Dark	45.500	88	31Eta CMa	2.4480	20000.	91	34369	No
27	GOM_NL__2PRFIN20080926_040357_000000502072_00247_34369_8902.N1	26-SEP-2008 04:03:57	Dark	50.000	23	21Eps CMa	1.5020	26000.	100	34369	No
28	GOM_NL__2PRFIN20080926_040803_000000412072_00248_34370_8902.N1	26-SEP-2008 04:08:03	Dark	41.000	161	Tau Pup	2.9310	4500.0	82	34370	No
29	GOM_NL__2PRFIN20080926_042037_000000402072_00248_34370_8903.N1	26-SEP-2008 04:20:37	Dark	39.500	9	Alp Eri	0.45300	24000.	79	34370	No
30	GOM_NL__2PRFIN20080926_042605_000000402072_00248_34370_8904.N1	26-SEP-2008 04:26:05	Straylight	39.500	84	Alp Phe	2.3970	4500.0	79	34370	No
31	GOM_NL__2PRFIN20080926_043312_000000512072_00248_34370_8905.N1	26-SEP-2008 04:33:12	Twilight	51.000	52	16Bet Cet	2.0370	4500.0	102	34370	No
32	GOM_NL__2PRFIN20080926_044330_000000362072_00248_34370_8906.N1	26-SEP-2008 04:43:30	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	34370	No
33	GOM_NL__2PRFIN20080926_044712_000000382072_00248_34370_8907.N1	26-SEP-2008 04:47:12	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	34370	No
34	GOM_NL__2PRFIN20080926_045654_000000402072_00248_34370_8908.N1	26-SEP-2008 04:56:54	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	34370	No
35	GOM_NL__2PRFIN20080926_045823_000000402072_00248_34370_8909.N1	26-SEP-2008 04:58:23	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	34370	No
36	GOM_NL__2PRFIN20080926_052348_000000662072_00248_34370_8910.N1	26-SEP-2008 05:23:48	Bright	65.500	17	78Bet Gem	1.1610	4500.0	131	34370	No
37	GOM_NL__2PRFIN20080926_053227_000000362072_00248_34370_8911.N1	26-SEP-2008 05:32:27	Dark	36.000	8	10Alp CMi	0.40000	6500.0	72	34370	No
38	GOM_NL__2PRFIN20080926_053941_000000452072_00248_34370_8912.N1	26-SEP-2008 05:39:41	Dark	44.500	132	15Rho Pup	2.8030	6900.0	89	34370	No
39	GOM_NL__2PRFIN20080926_054302_000000472072_00248_34370_8913.N1	26-SEP-2008 05:43:02	Dark	47.000	88	31Eta CMa	2.4480	20000.	94	34370	No
40	GOM_NL__2PRFIN20080926_054434_000000512072_00248_34370_8914.N1	26-SEP-2008 05:44:34	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	34370	No
41	GOM_NL__2PRFIN20080926_054840_000000412072_00249_34371_8922.N1	26-SEP-2008 05:48:40	Dark	40.500	161	Tau Pup	2.9310	4500.0	81	34371	No
42	GOM_NL__2PRFIN20080926_060115_000000472072_00249_34371_8923.N1	26-SEP-2008 06:01:15	Dark	47.000	9	Alp Eri	0.45300	24000.	94	34371	No

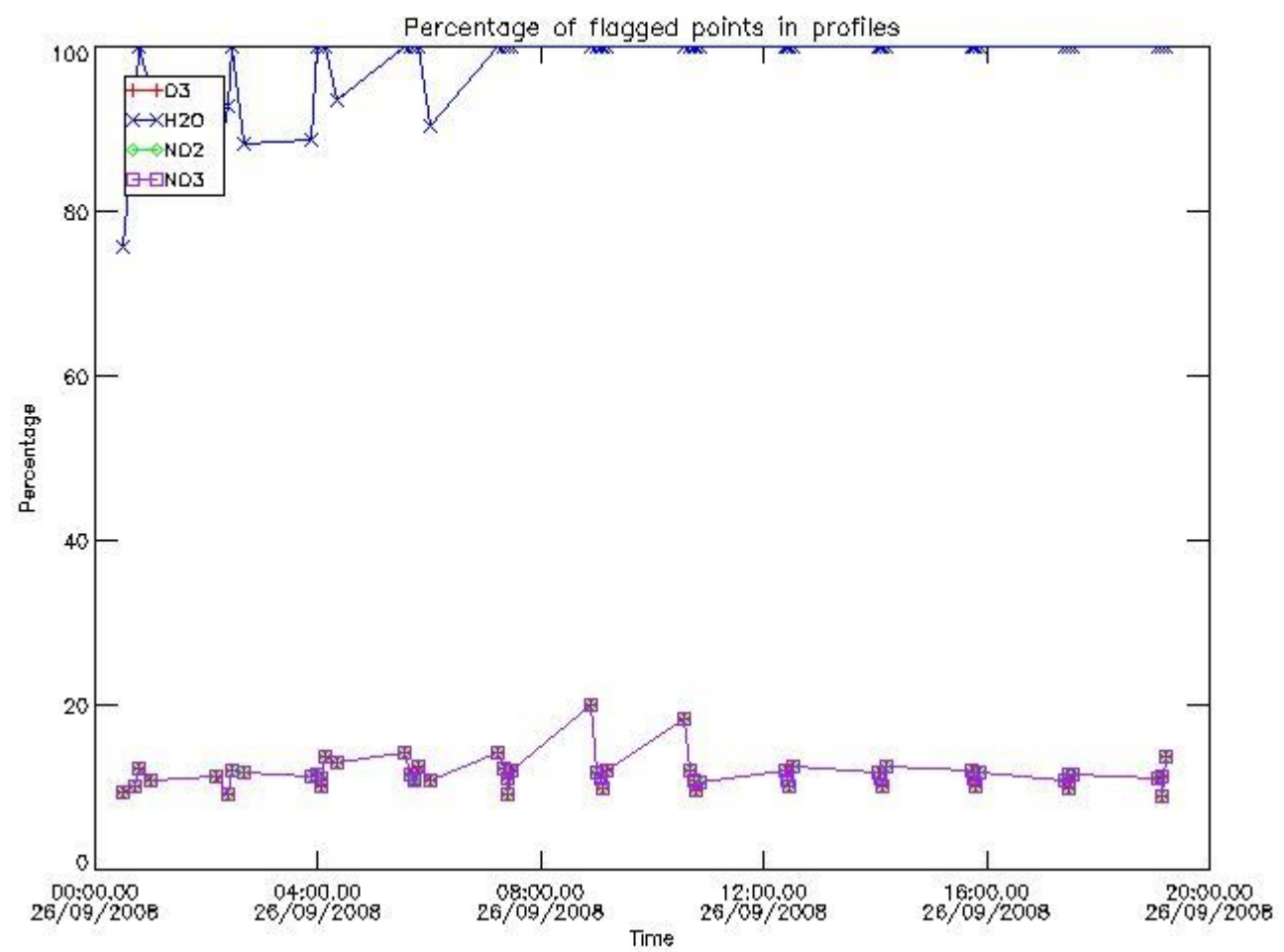
43	GOM_NL__2PRFIN20080926_060642_000000442072_00249_34371_8924.N1	26-SEP-2008 06:06:42	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	34371	No
44	GOM_NL__2PRFIN20080926_061348_000000522072_00249_34371_8925.N1	26-SEP-2008 06:13:48	Twl_and_stray	51.500	52	16Bet Cet	2.0370	4500.0	103	34371	No
45	GOM_NL__2PRFIN20080926_062406_000000362072_00249_34371_8926.N1	26-SEP-2008 06:24:06	Bright	35.500	90	54Alp Peg	2.4870	11000.	71	34371	No
46	GOM_NL__2PRFIN20080926_062748_000000392072_00249_34371_8927.N1	26-SEP-2008 06:27:48	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34371	No
47	GOM_NL__2PRFIN20080926_063729_000000392072_00249_34371_8928.N1	26-SEP-2008 06:37:29	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	34371	No
48	GOM_NL__2PRFIN20080926_063858_000000412072_00249_34371_8929.N1	26-SEP-2008 06:38:58	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	34371	No
49	GOM_NL__2PRFIN20080926_070425_000000532072_00249_34371_8930.N1	26-SEP-2008 07:04:25	Bright	53.000	17	78Bet Gem	1.1610	4500.0	106	34371	No
50	GOM_NL__2PRFIN20080926_071304_000000362072_00249_34371_8931.N1	26-SEP-2008 07:13:04	Dark	36.000	8	10Alp CMi	0.40000	6500.0	72	34371	No
51	GOM_NL__2PRFIN20080926_072018_000000422072_00249_34371_8932.N1	26-SEP-2008 07:20:18	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	34371	No
52	GOM_NL__2PRFIN20080926_072339_000000462072_00249_34371_8933.N1	26-SEP-2008 07:23:39	Dark	46.000	88	31Eta CMa	2.4480	20000.	92	34371	No
53	GOM_NL__2PRFIN20080926_072511_000000552072_00249_34371_8934.N1	26-SEP-2008 07:25:11	Dark	55.000	23	21Eps CMa	1.5020	26000.	110	34371	No
54	GOM_NL__2PRFIN20080926_072916_000000422072_00250_34372_8934.N1	26-SEP-2008 07:29:16	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	34372	No
55	GOM_NL__2PRFIN20080926_074302_000000502072_00250_34372_8935.N1	26-SEP-2008 07:43:02	Straylight	50.000	157	The1Eri	2.9060	9300.0	100	34372	No
56	GOM_NL__2PRFIN20080926_074718_000000452072_00250_34372_8936.N1	26-SEP-2008 07:47:18	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	34372	No
57	GOM_NL__2PRFIN20080926_075424_000000512072_00250_34372_8937.N1	26-SEP-2008 07:54:24	Twl_and_stray	51.000	52	16Bet Cet	2.0370	4500.0	102	34372	No
58	GOM_NL__2PRFIN20080926_080442_000000372072_00250_34372_8938.N1	26-SEP-2008 08:04:42	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	34372	No
59	GOM_NL__2PRFIN20080926_080824_000000382072_00250_34372_8939.N1	26-SEP-2008 08:08:24	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	34372	No
60	GOM_NL__2PRFIN20080926_081805_000000392072_00250_34372_8940.N1	26-SEP-2008 08:18:05	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	34372	No
61	GOM_NL__2PRFIN20080926_081934_000000402072_00250_34372_8941.N1	26-SEP-2008 08:19:34	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	34372	No
62	GOM_NL__2PRFIN20080926_084501_000000542072_00250_34372_8942.N1	26-SEP-2008 08:45:01	Bright	53.500	17	78Bet Gem	1.1610	4500.0	107	34372	No
63	GOM_NL__2PRFIN20080926_085341_000000282072_00250_34372_8943.N1	26-SEP-2008 08:53:41	Dark	28.000	8	10Alp CMi	0.40000	6500.0	56	34372	No
64	GOM_NL__2PRFIN20080926_090054_000000432072_00250_34372_8944.N1	26-SEP-2008 09:00:54	Dark	43.000	132	15Rho Pup	2.8030	6900.0	86	34372	No
65	GOM_NL__2PRFIN20080926_090416_000000462072_00250_34372_8945.N1	26-SEP-2008 09:04:16	Dark	45.500	88	31Eta CMa	2.4480	20000.	91	34372	No
66	GOM_NL__2PRFIN20080926_090548_000000522072_00250_34372_8946.N1	26-SEP-2008 09:05:48	Dark	51.500	23	21Eps CMa	1.5020	26000.	103	34372	No
67	GOM_NL__2PRFIN20080926_090953_000000432072_00251_34373_8949.N1	26-SEP-2008 09:09:53	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	34373	No
68	GOM_NL__2PRFIN20080926_092339_000000522072_00251_34373_8950.N1	26-SEP-2008 09:23:39	Straylight	51.500	157	The1Eri	2.9060	9300.0	103	34373	No
69	GOM_NL__2PRFIN20080926_092754_000000442072_00251_34373_8951.N1	26-SEP-2008 09:27:54	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	34373	No
70	GOM_NL__2PRFIN20080926_093500_000000512072_00251_34373_8952.N1	26-SEP-2008 09:35:00	Twl_and_stray	51.000	52	16Bet Cet	2.0370	4500.0	102	34373	No
71	GOM_NL__2PRFIN20080926_094518_000000362072_00251_34373_8953.N1	26-SEP-2008 09:45:18	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	34373	No
72	GOM_NL__2PRFIN20080926_094859_000000362072_00251_34373_8954.N1	26-SEP-2008 09:48:59	Bright	35.500	93	53Bet Peg	2.5200	3100.0	71	34373	No
73	GOM_NL__2PRFIN20080926_095840_000000382072_00251_34373_8955.N1	26-SEP-2008 09:58:40	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	34373	No
74	GOM_NL__2PRFIN20080926_100009_000000572072_00251_34373_8956.N1	26-SEP-2008 10:00:09	Bright	56.500	76	27Gam Cas	2.3000	30000.	113	34373	No
75	GOM_NL__2PRFIN20080926_102537_000000532072_00251_34373_8957.N1	26-SEP-2008 10:25:37	Bright	53.000	17	78Bet Gem	1.1610	4500.0	106	34373	No
76	GOM_NL__2PRFIN20080926_103417_000000282072_00251_34373_8958.N1	26-SEP-2008 10:34:17	Dark	28.000	8	10Alp CMi	0.40000	6500.0	56	34373	No
77	GOM_NL__2PRFIN20080926_104131_000000432072_00251_34373_8959.N1	26-SEP-2008 10:41:31	Dark	42.500	132	15Rho Pup	2.8030	6900.0	85	34373	No
78	GOM_NL__2PRFIN20080926_104453_000000482072_00251_34373_8960.N1	26-SEP-2008 10:44:53	Dark	47.500	88	31Eta CMa	2.4480	20000.	95	34373	No
79	GOM_NL__2PRFIN20080926_104625_000000532072_00251_34373_8961.N1	26-SEP-2008 10:46:25	Dark	52.500	23	21Eps CMa	1.5020	26000.	105	34373	No
80	GOM_NL__2PRFIN20080926_105029_000000492072_00252_34374_8961.N1	26-SEP-2008 10:50:29	Dark	48.500	161	Tau Pup	2.9310	4500.0	97	34374	No
81	GOM_NL__2PRFIN20080926_110415_000000502072_00252_34374_8962.N1	26-SEP-2008 11:04:15	Straylight	50.000	157	The1Eri	2.9060	9300.0	100	34374	No
82	GOM_NL__2PRFIN20080926_110830_000000402072_00252_34374_8963.N1	26-SEP-2008 11:08:30	Straylight	39.500	84	Alp Phe	2.3970	4500.0	79	34374	No
83	GOM_NL__2PRFIN20080926_111536_000000502072_00252_34374_8964.N1	26-SEP-2008 11:15:36	Twl_and_stray	50.000	52	16Bet Cet	2.0370	4500.0	100	34374	No
84	GOM_NL__2PRFIN20080926_112554_000000372072_00252_34374_8965.N1	26-SEP-2008 11:25:54	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	34374	No
85	GOM_NL__2PRFIN20080926_112935_000000372072_00252_34374_8966.N1	26-SEP-2008 11:29:35	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	34374	No
86	GOM_NL__2PRFIN20080926_113916_000000402072_00252_34374_8967.N1	26-SEP-2008 11:39:16	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	34374	No
87	GOM_NL__2PRFIN20080926_114045_000000402072_00252_34374_8968.N1	26-SEP-2008 11:40:45	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	34374	No
88	GOM_NL__2PRFIN20080926_120613_000000542072_00252_34374_8969.N1	26-SEP-2008 12:06:13	Bright	54.000	17	78Bet Gem	1.1610	4500.0	108	34374	No
89	GOM_NL__2PRFIN20080926_122208_000000422072_00252_34374_8970.N1	26-SEP-2008 12:22:08	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	34374	No
90	GOM_NL__2PRFIN20080926_122530_000000472072_00252_34374_8971.N1	26-SEP-2008 12:25:30	Dark	47.000	88	31Eta CMa	2.4480	20000.	94	34374	No
91	GOM_NL__2PRFIN20080926_122702_000000512072_00252_34374_8972.N1	26-SEP-2008 12:27:02	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	34374	No
92	GOM_NL__2PRFIN20080926_123106_000000412072_00253_34375_8972.N1	26-SEP-2008 12:31:06	Dark	41.000	161	Tau Pup	2.9310	4500.0	82	34375	No
93	GOM_NL__2PRFIN20080926_124452_000000512072_00253_34375_8973.N1	26-SEP-2008 12:44:52	Straylight	51.000	157	The1Eri	2.9060	9300.0	102	34375	No
94	GOM_NL__2PRFIN20080926_124907_000000442072_00253_34375_8974.N1	26-SEP-2008 12:49:07	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	34375	No
95	GOM_NL__2PRFIN20080926_125612_000000502072_00253_34375_8975.N1	26-SEP-2008 12:56:12	Twl_and_stray	50.000	52	16Bet Cet	2.0370	4500.0	100	34375	No
96	GOM_NL__2PRFIN20080926_130630_000000372072_00253_34375_8976.N1	26-SEP-2008 13:06:30	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	34375	No
97	GOM_NL__2PRFIN20080926_131011_000000372072_00253_34375_8977.N1	26-SEP-2008 13:10:11	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	34375	No
98	GOM_NL__2PRFIN20080926_131952_000000392072_00253_34375_8978.N1	26-SEP-2008 13:19:52	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	34375	No
99	GOM_NL__2PRFIN20080926_132120_000000412072_00253_34375_8979.N1	26-SEP-2008 13:21:20	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	34375	No
100	GOM_NL__2PRFIN20080926_134649_000000542072_00253_34375_8980.N1	26-SEP-2008 13:46:49	Bright	53.500	17	78Bet Gem	1.1610	4500.0	107	34375	No
101	GOM_NL__2PRFIN20080926_140244_000000442072_00253_34375_8981.N1	26-SEP-2008 14:02:44	Dark	43.500	132	15Rho Pup	2.8030	6900.0	87	34375	No

102	GOM_NL__2PRFIN20080926_140607_000000462072_00253_34375_8982.N1	26-SEP-2008 14:06:07	Dark	45.500	88	31Eta CMa	2.4480	20000.	91	34375	No
103	GOM_NL__2PRFIN20080926_140739_000000512072_00253_34375_8983.N1	26-SEP-2008 14:07:39	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	34375	No
104	GOM_NL__2PRFIN20080926_141143_000000412072_00254_34376_8994.N1	26-SEP-2008 14:11:43	Dark	40.500	161	Tau Pup	2.9310	4500.0	81	34376	No
105	GOM_NL__2PRFIN20080926_142529_000000522072_00254_34376_8995.N1	26-SEP-2008 14:25:29	Straylight	52.000	157	The1Eri	2.9060	9300.0	104	34376	No
106	GOM_NL__2PRFIN20080926_142943_000000402072_00254_34376_8996.N1	26-SEP-2008 14:29:43	Straylight	40.000	84	Alp Phe	2.3970	4500.0	80	34376	No
107	GOM_NL__2PRFIN20080926_143649_000000492072_00254_34376_8997.N1	26-SEP-2008 14:36:49	Tw_i_and_stray	49.000	52	16Bet Cet	2.0370	4500.0	98	34376	No
108	GOM_NL__2PRFIN20080926_144705_000000372072_00254_34376_8998.N1	26-SEP-2008 14:47:05	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	34376	No
109	GOM_NL__2PRFIN20080926_145047_000000382072_00254_34376_8999.N1	26-SEP-2008 14:50:47	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	34376	No
110	GOM_NL__2PRFIN20080926_150027_000000362072_00254_34376_9000.N1	26-SEP-2008 15:00:27	Bright	36.000	74	11Bet Cas	2.2680	6600.0	72	34376	No
111	GOM_NL__2PRFIN20080926_150156_000000412072_00254_34376_9001.N1	26-SEP-2008 15:01:56	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	34376	No
112	GOM_NL__2PRFIN20080926_152725_000000532072_00254_34376_9002.N1	26-SEP-2008 15:27:25	Bright	52.500	17	78Bet Gem	1.1610	4500.0	105	34376	No
113	GOM_NL__2PRFIN20080926_154321_000000432072_00254_34376_9003.N1	26-SEP-2008 15:43:21	Dark	42.500	132	15Rho Pup	2.8030	6900.0	85	34376	No
114	GOM_NL__2PRFIN20080926_154644_000000462072_00254_34376_9004.N1	26-SEP-2008 15:46:44	Dark	46.000	88	31Eta CMa	2.4480	20000.	92	34376	No
115	GOM_NL__2PRFIN20080926_154816_000000512072_00254_34376_9005.N1	26-SEP-2008 15:48:16	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	34376	No
116	GOM_NL__2PRFIN20080926_155219_000000432072_00255_34377_9003.N1	26-SEP-2008 15:52:19	Dark	43.000	161	Tau Pup	2.9310	4500.0	86	34377	No
117	GOM_NL__2PRFIN20080926_160605_000000502072_00255_34377_9004.N1	26-SEP-2008 16:06:05	Straylight	49.500	157	The1Eri	2.9060	9300.0	99	34377	No
118	GOM_NL__2PRFIN20080926_161019_000000412072_00255_34377_9005.N1	26-SEP-2008 16:10:19	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	34377	No
119	GOM_NL__2PRFIN20080926_161724_000000502072_00255_34377_9006.N1	26-SEP-2008 16:17:24	Tw_i_and_stray	49.500	52	16Bet Cet	2.0370	4500.0	99	34377	No
120	GOM_NL__2PRFIN20080926_162741_000000372072_00255_34377_9007.N1	26-SEP-2008 16:27:41	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	34377	No
121	GOM_NL__2PRFIN20080926_163123_000000382072_00255_34377_9008.N1	26-SEP-2008 16:31:23	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	34377	No
122	GOM_NL__2PRFIN20080926_164103_000000392072_00255_34377_9009.N1	26-SEP-2008 16:41:03	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	34377	No
123	GOM_NL__2PRFIN20080926_164231_000000412072_00255_34377_9010.N1	26-SEP-2008 16:42:31	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	34377	No
124	GOM_NL__2PRFIN20080926_170801_000000542072_00255_34377_9011.N1	26-SEP-2008 17:08:01	Bright	53.500	17	78Bet Gem	1.1610	4500.0	107	34377	No
125	GOM_NL__2PRFIN20080926_172358_000000472072_00255_34377_9012.N1	26-SEP-2008 17:23:58	Dark	47.000	132	15Rho Pup	2.8030	6900.0	94	34377	No
126	GOM_NL__2PRFIN20080926_172721_000000452072_00255_34377_9013.N1	26-SEP-2008 17:27:21	Dark	44.500	88	31Eta CMa	2.4480	20000.	89	34377	No
127	GOM_NL__2PRFIN20080926_172853_000000512072_00255_34377_9014.N1	26-SEP-2008 17:28:53	Dark	51.000	23	21Eps CMa	1.5020	26000.	102	34377	No
128	GOM_NL__2PRFIN20080926_173256_000000452072_00256_34378_9013.N1	26-SEP-2008 17:32:56	Dark	44.500	161	Tau Pup	2.9310	4500.0	89	34378	No
129	GOM_NL__2PRFIN20080926_174642_000000502072_00256_34378_9014.N1	26-SEP-2008 17:46:42	Straylight	50.000	157	The1Eri	2.9060	9300.0	100	34378	No
130	GOM_NL__2PRFIN20080926_175055_000000432072_00256_34378_9015.N1	26-SEP-2008 17:50:55	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	34378	No
131	GOM_NL__2PRFIN20080926_175801_000000502072_00256_34378_9016.N1	26-SEP-2008 17:58:01	Tw_i_and_stray	50.000	52	16Bet Cet	2.0370	4500.0	100	34378	No
132	GOM_NL__2PRFIN20080926_180817_000000372072_00256_34378_9017.N1	26-SEP-2008 18:08:17	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	34378	No
133	GOM_NL__2PRFIN20080926_181159_000000392072_00256_34378_9018.N1	26-SEP-2008 18:11:59	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	34378	No
134	GOM_NL__2PRFIN20080926_182139_000000392072_00256_34378_9019.N1	26-SEP-2008 18:21:39	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	34378	No
135	GOM_NL__2PRFIN20080926_182307_000000412072_00256_34378_9020.N1	26-SEP-2008 18:23:07	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	34378	No
136	GOM_NL__2PRFIN20080926_184838_000000552072_00256_34378_9021.N1	26-SEP-2008 18:48:38	Bright	55.000	17	78Bet Gem	1.1610	4500.0	110	34378	No
137	GOM_NL__2PRFIN20080926_190434_000000462072_00256_34378_9022.N1	26-SEP-2008 19:04:34	Dark	45.500	132	15Rho Pup	2.8030	6900.0	91	34378	No
138	GOM_NL__2PRFIN20080926_190758_000000452072_00256_34378_9023.N1	26-SEP-2008 19:07:58	Dark	45.000	88	31Eta CMa	2.4480	20000.	90	34378	No
139	GOM_NL__2PRFIN20080926_190930_000000632072_00256_34378_9024.N1	26-SEP-2008 19:09:30	Dark	63.000	23	21Eps CMa	1.5020	26000.	126	34378	No
140	GOM_NL__2PRFIN20080926_191333_000000402072_00257_34379_9024.N1	26-SEP-2008 19:13:33	Dark	40.000	161	Tau Pup	2.9310	4500.0	80	34379	No

### 3. Quality information per product

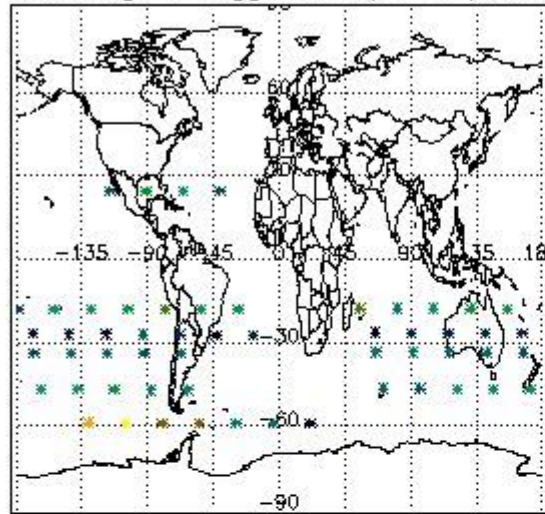
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

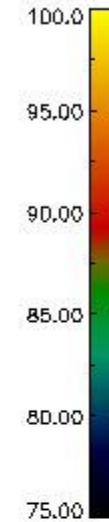
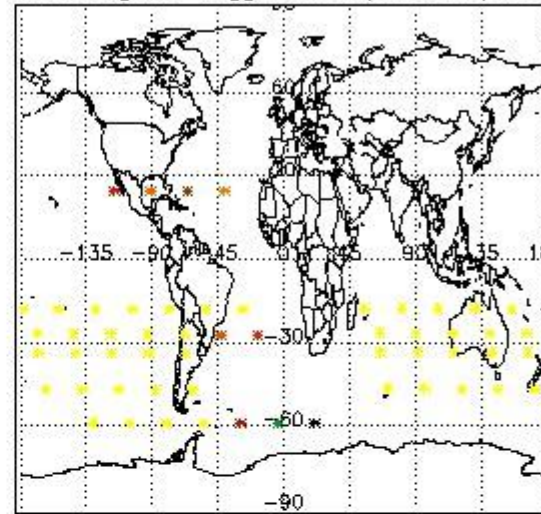


3.2 Plot quality information per product (world map)

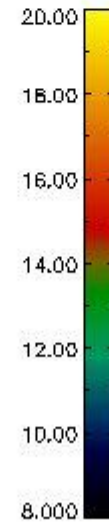
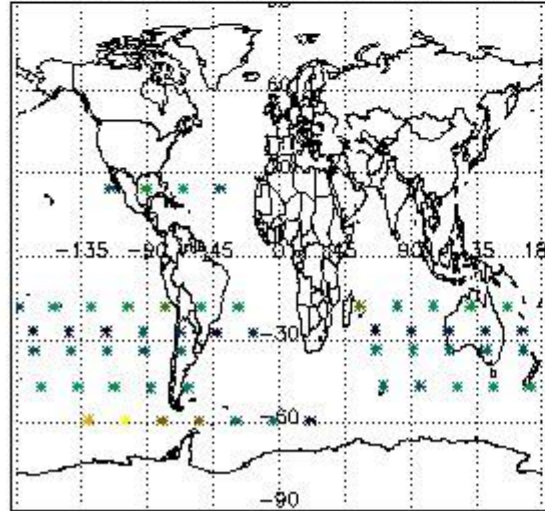
Percentage of flagged data per O3 profile



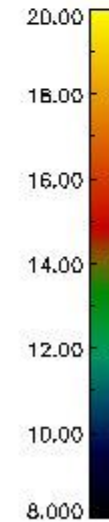
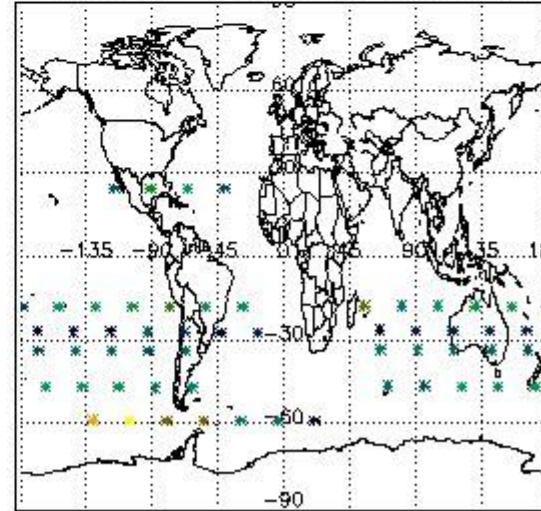
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

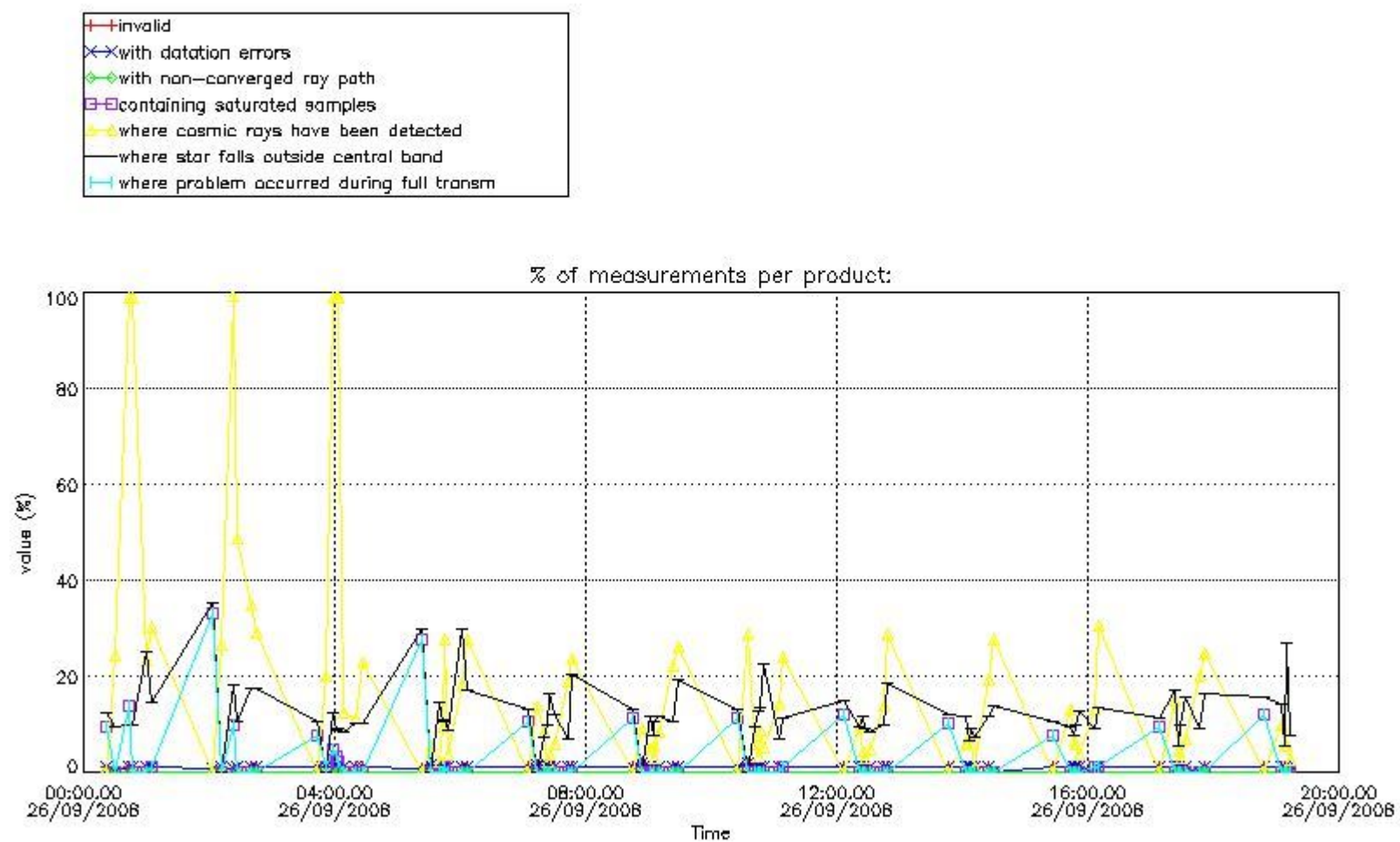


#### 4. Level 1 quality information per product

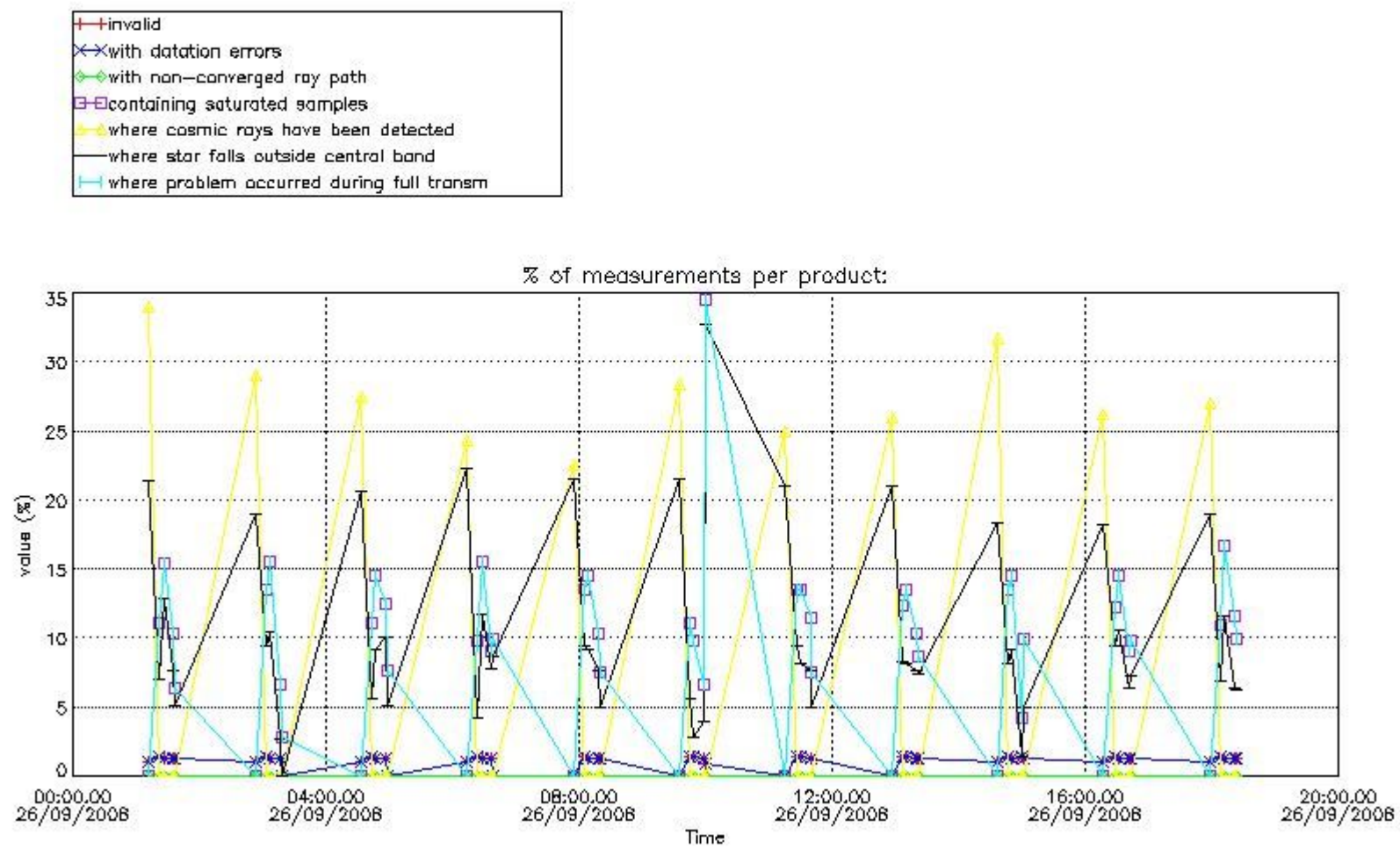
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



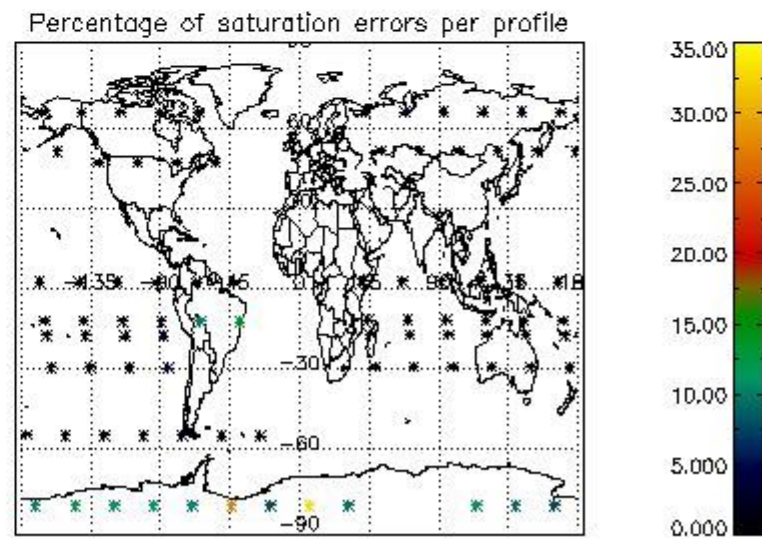
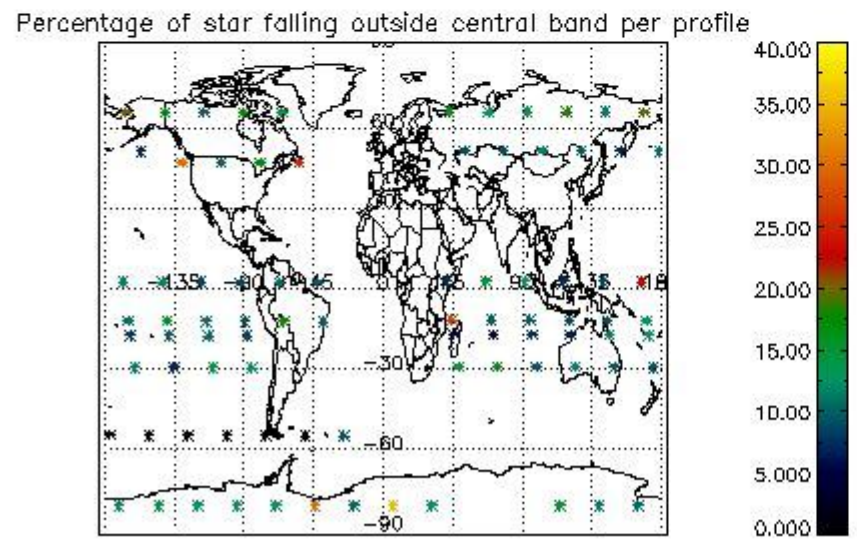
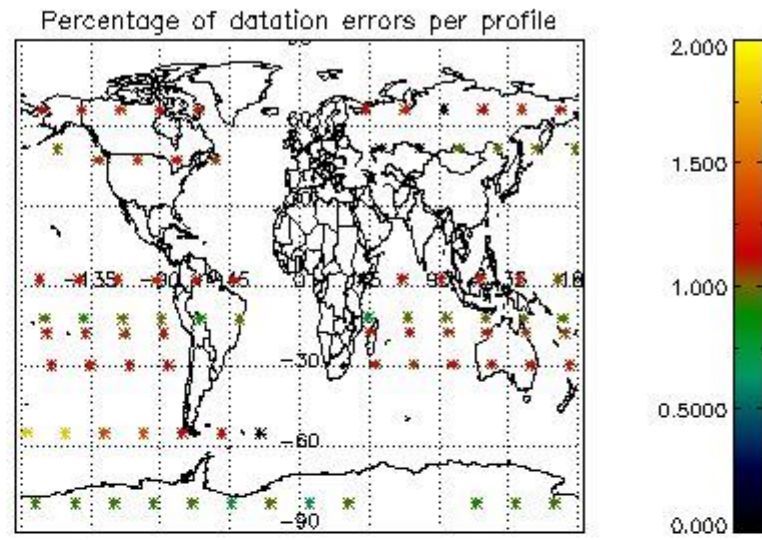
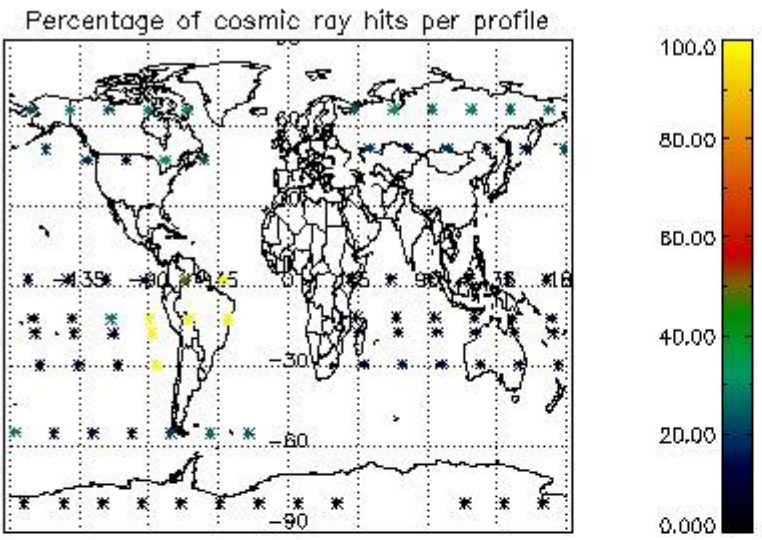
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



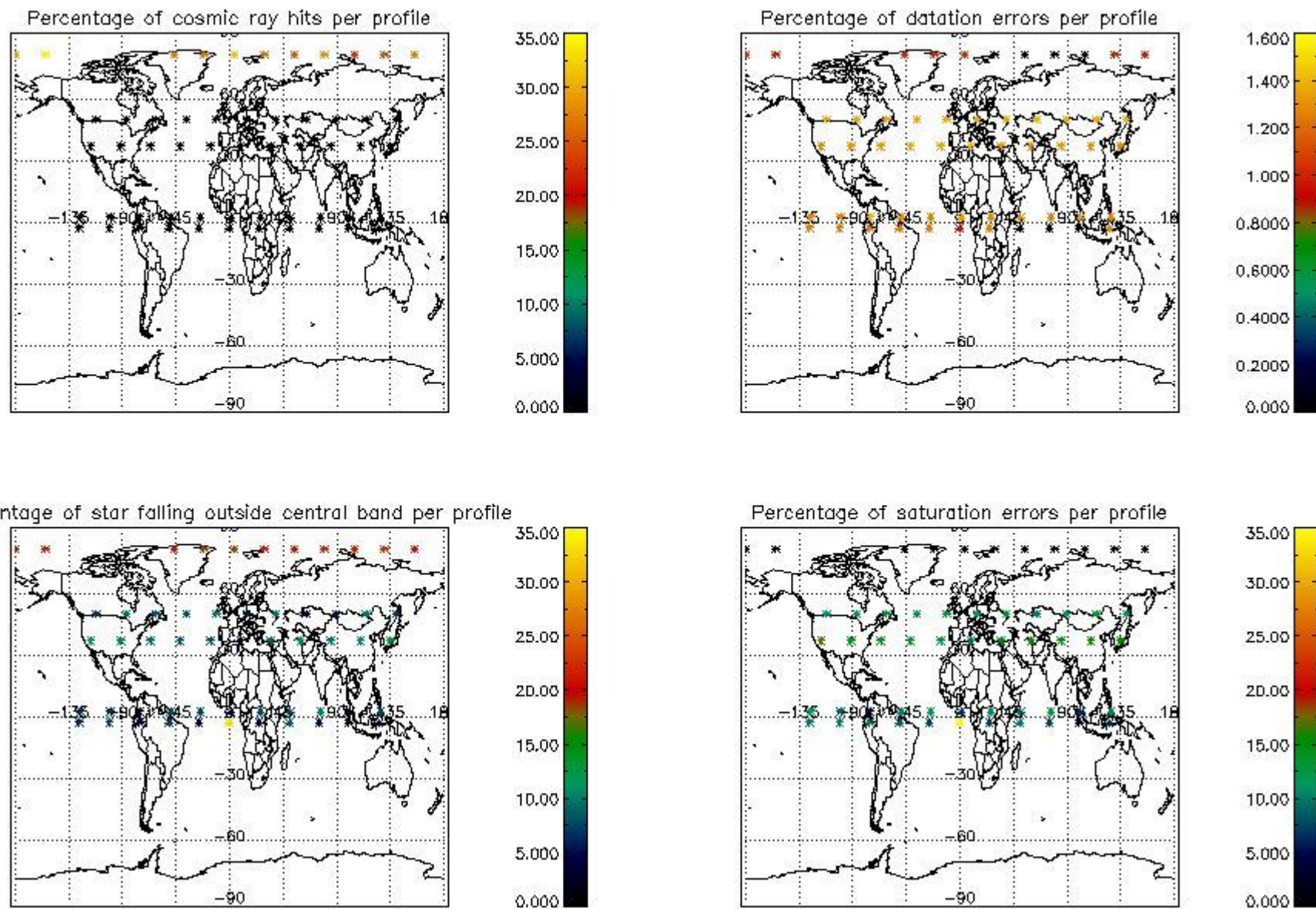
4.2 Plot quality information per product coming from level 1b processing (world map)

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

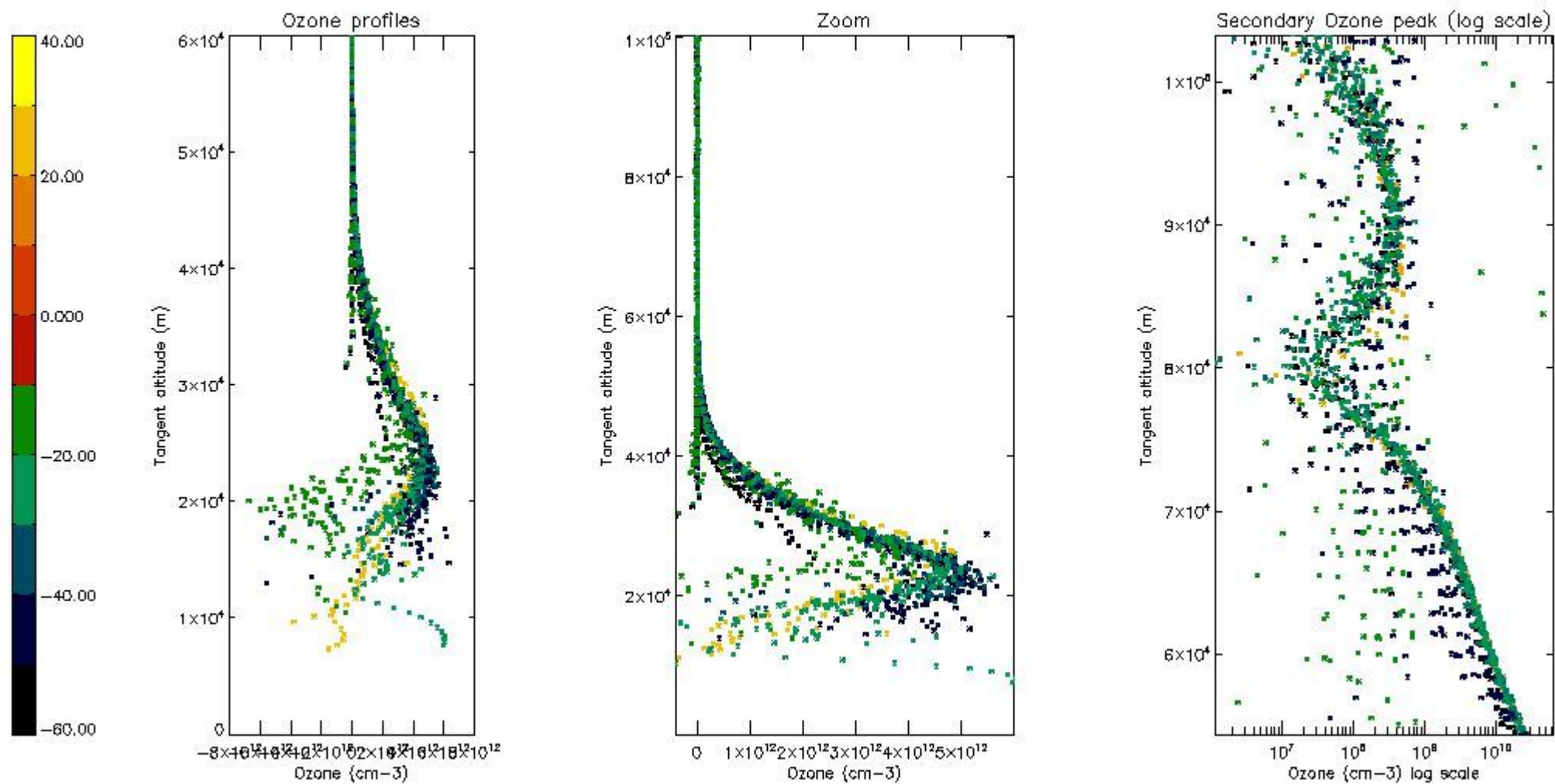
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	40
STD < 20	21

STD < 10	15
STD < 5	12

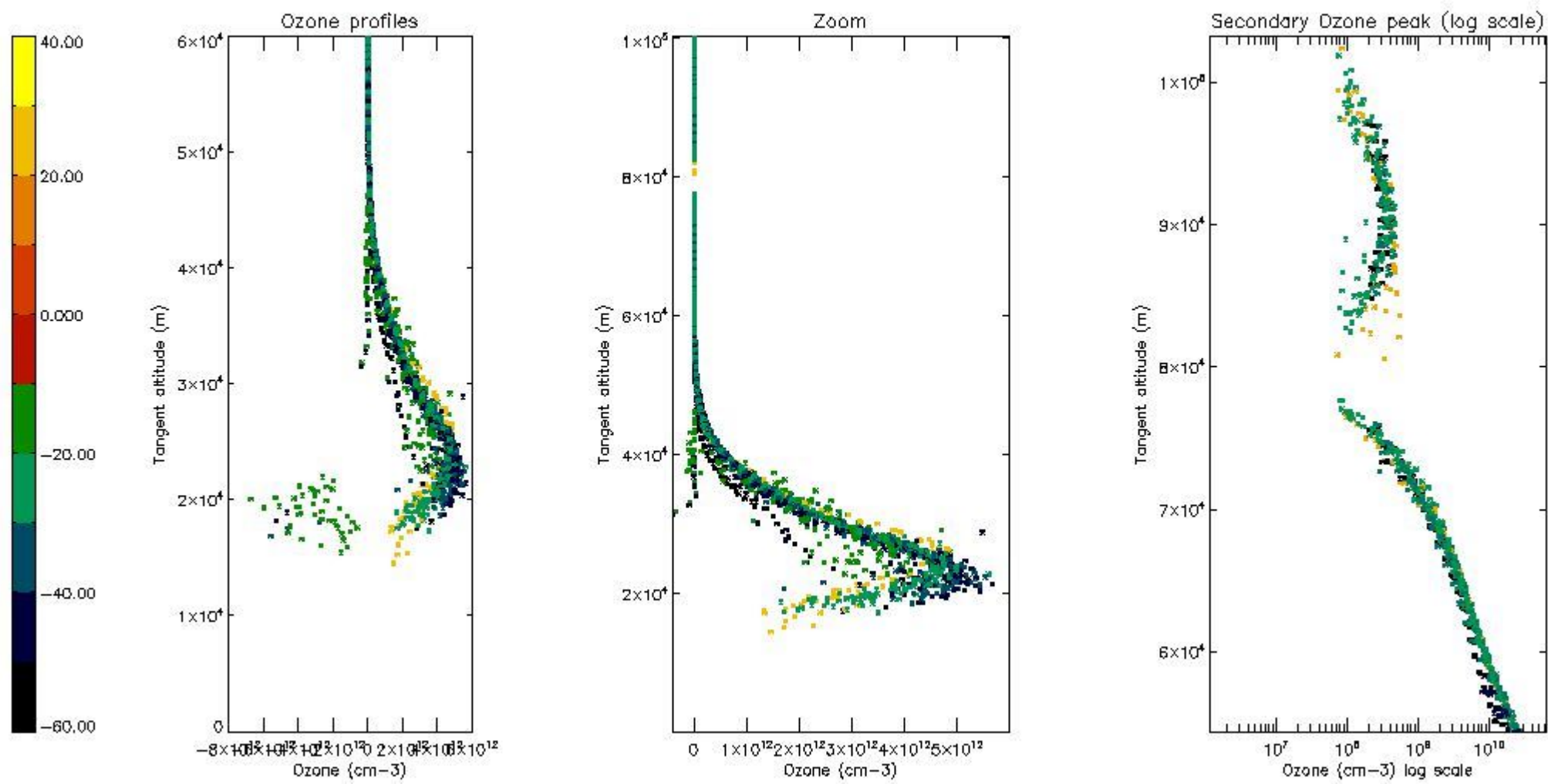
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



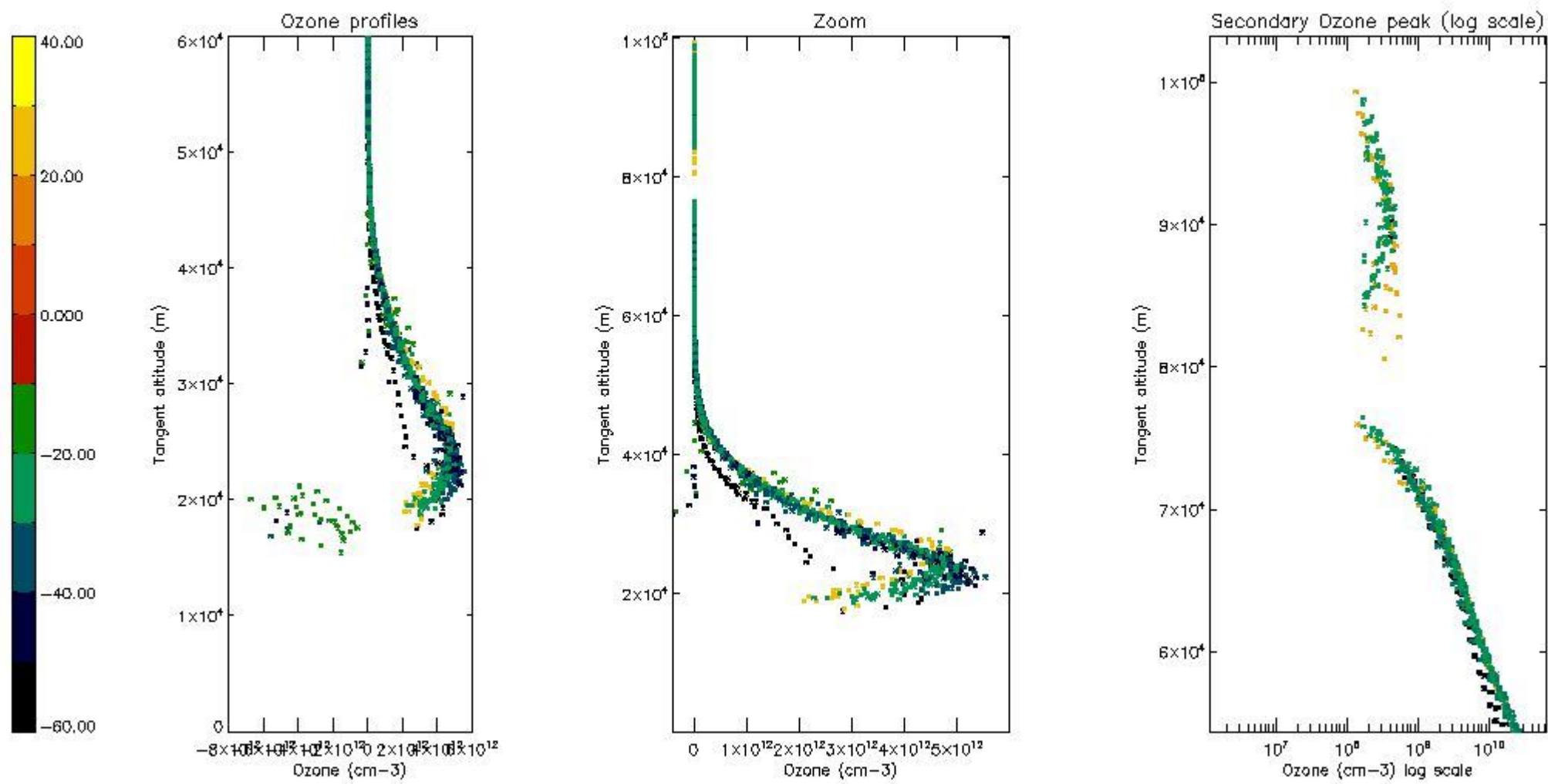
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



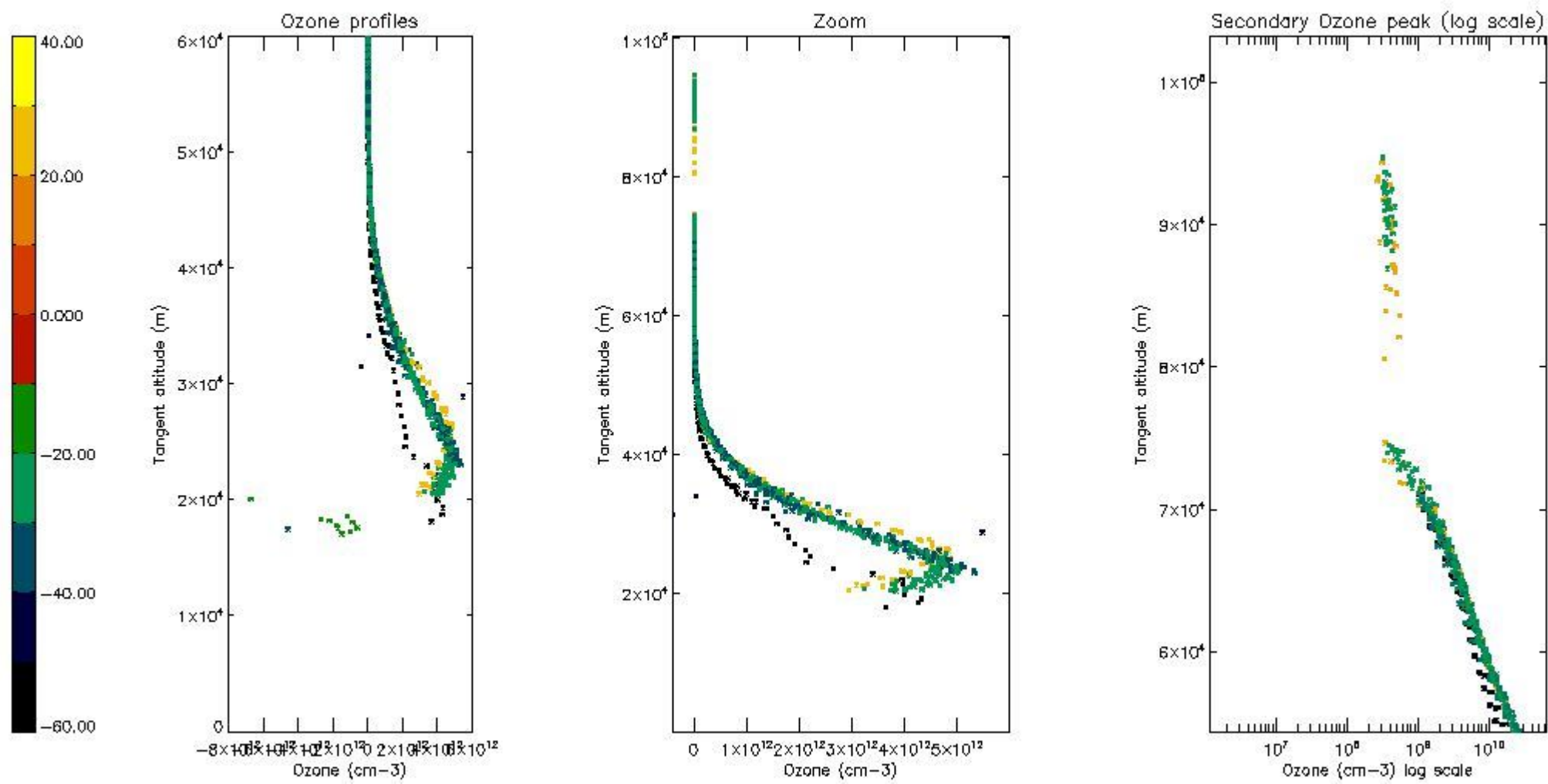
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



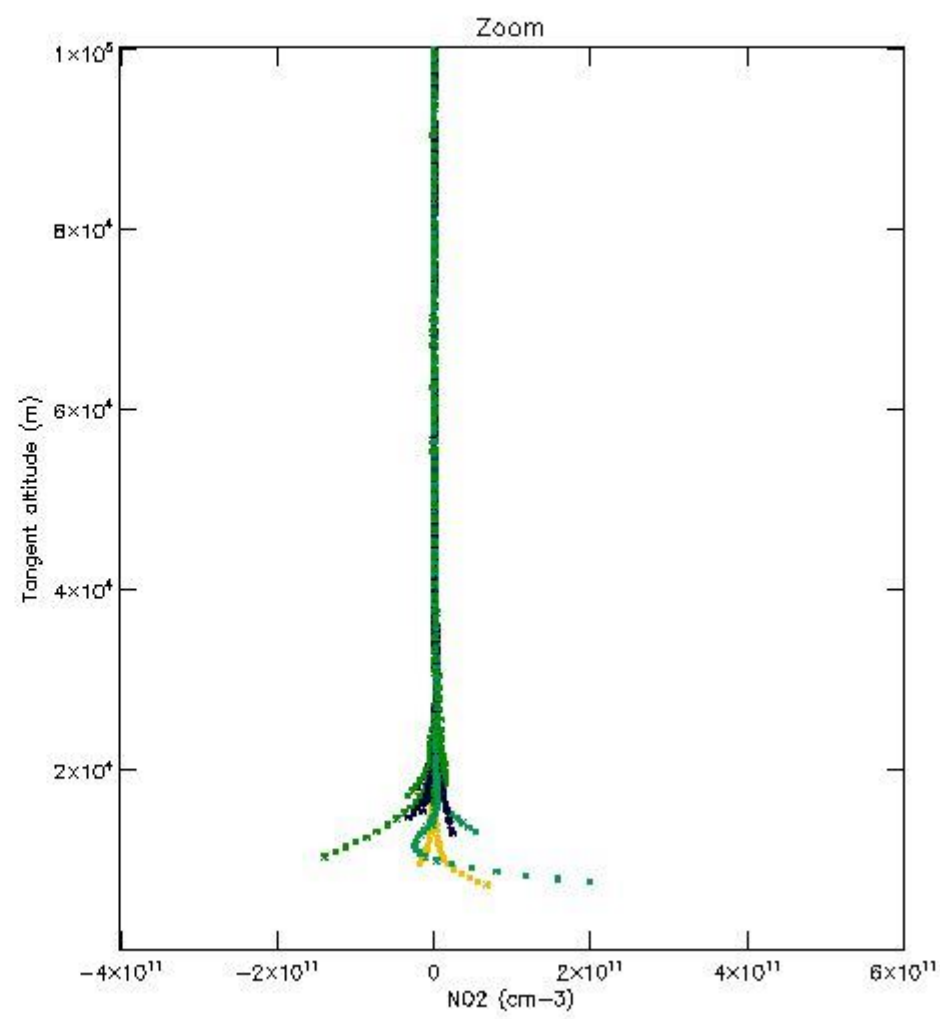
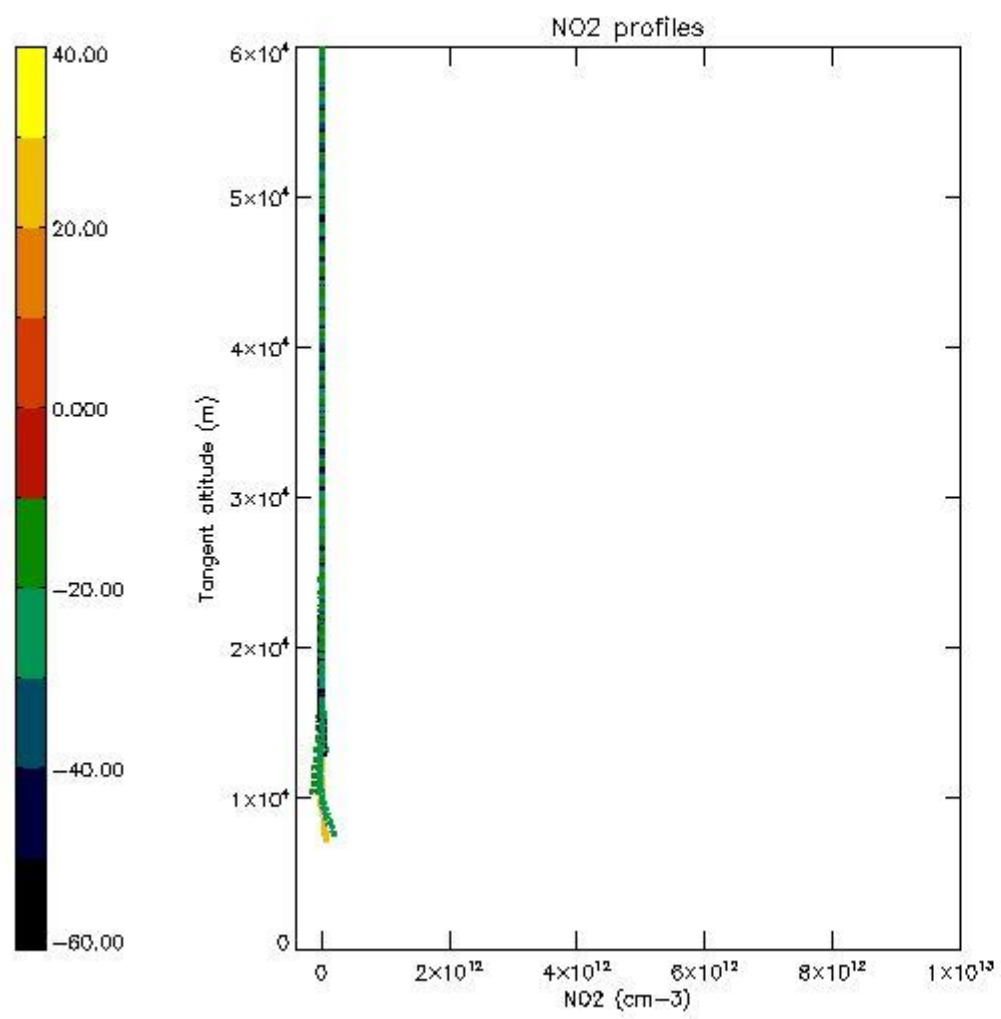
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



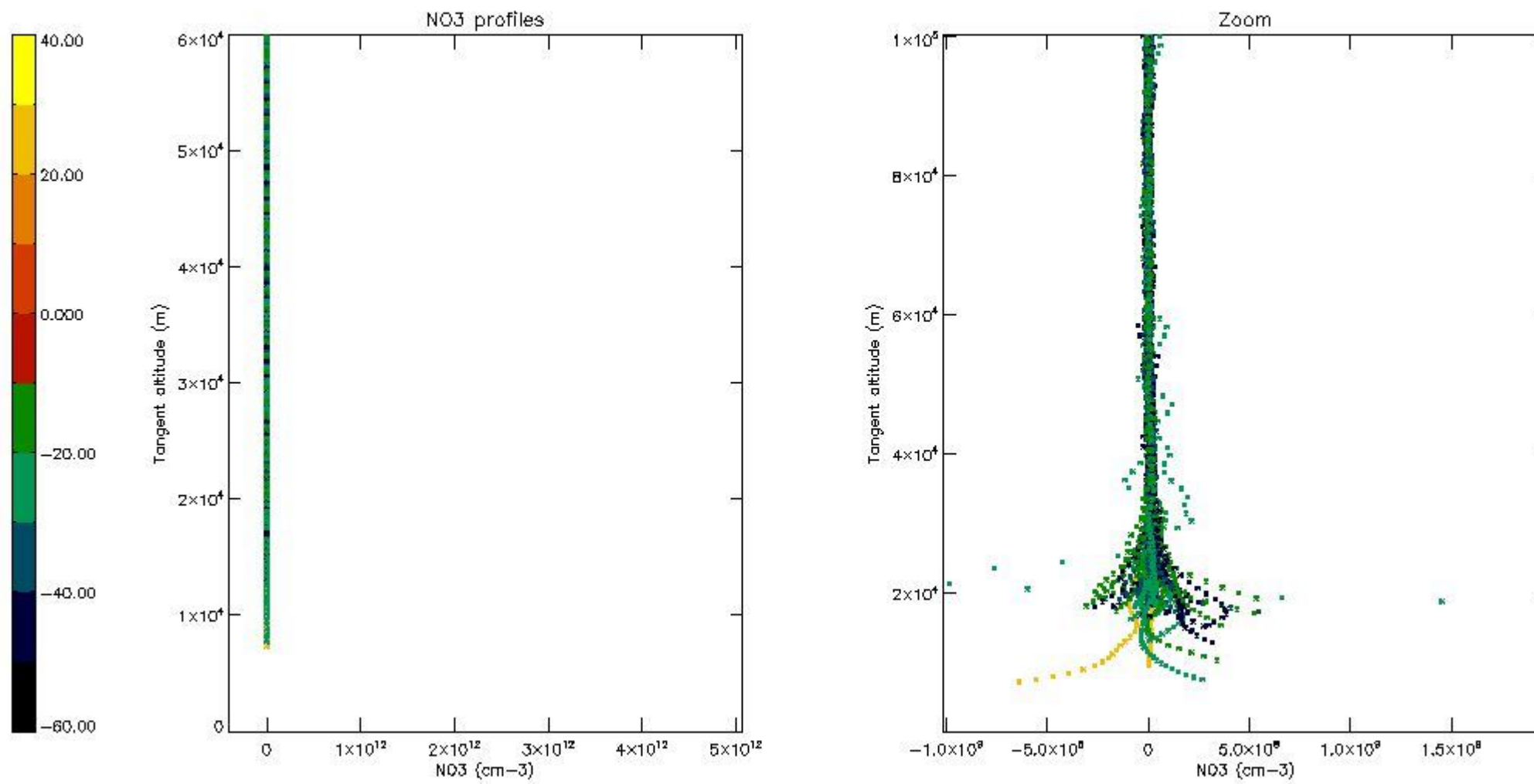
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	26-SEP-2008 00:22:00
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	26-SEP-2008 00:22:00
CROSS_SECTIONS_FILE	GOM_CR2_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	26-SEP-2008 00:22:00



# GOMOS Level 2 Daily Report

## SUMMARY

### [1. General Info](#)

### [2. Summary of processed GOM\\_NL\\_2P products](#)

### [3. Level 2 Quality information per product](#)

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#### [3.2 Plot of level 2 quality information per product \(world map\)](#)

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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](#)

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#### [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 20:17:59
Data source version	GOMOS/6.01
Start time of products	26-09-2008 (26SEP2008 00:00:00)
Stop time of products	27-09-2008 (27SEP2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	140
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__2PRFIN20080926_002200_000000532072_00245_34367_8868.N1	26-SEP-2008 00:22:00	Bright	52.500	17	78Bet Gem	1.1610	4500.0	105	34367	No
2	GOM_NL__2PRFIN20080926_003037_000000542072_00245_34367_8869.N1	26-SEP-2008 00:30:37	Dark	53.500	8	10Alp CMi	0.40000	6500.0	107	34367	No
3	GOM_NL__2PRFIN20080926_004243_000000512072_00245_34367_8870.N1	26-SEP-2008 00:42:43	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	34367	No
4	GOM_NL__2PRFIN20080926_004649_000000422072_00246_34368_8876.N1	26-SEP-2008 00:46:49	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	34368	No
5	GOM_NL__2PRFIN20080926_005924_000000482072_00246_34368_8877.N1	26-SEP-2008 00:59:24	Dark	47.500	9	Alp Eri	0.45300	24000.	95	34368	No
6	GOM_NL__2PRFIN20080926_010453_000000422072_00246_34368_8878.N1	26-SEP-2008 01:04:53	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	34368	No
7	GOM_NL__2PRFIN20080926_011200_000000522072_00246_34368_8879.N1	26-SEP-2008 01:12:00	Twilight	51.500	52	16Bet Cet	2.0370	4500.0	103	34368	No
8	GOM_NL__2PRFIN20080926_012218_000000362072_00246_34368_8880.N1	26-SEP-2008 01:22:18	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	34368	No
9	GOM_NL__2PRFIN20080926_012600_000000392072_00246_34368_8881.N1	26-SEP-2008 01:26:00	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	34368	No
10	GOM_NL__2PRFIN20080926_013542_000000392072_00246_34368_8882.N1	26-SEP-2008 01:35:42	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	34368	No
11	GOM_NL__2PRFIN20080926_013712_000000402072_00246_34368_8883.N1	26-SEP-2008 01:37:12	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	34368	No
12	GOM_NL__2PRFIN20080926_020236_000000712072_00246_34368_8884.N1	26-SEP-2008 02:02:36	Bright	71.000	17	78Bet Gem	1.1610	4500.0	142	34368	No
13	GOM_NL__2PRFIN20080926_021113_000000452072_00246_34368_8885.N1	26-SEP-2008 02:11:13	Dark	45.000	8	10Alp CMi	0.40000	6500.0	90	34368	No
14	GOM_NL__2PRFIN20080926_022320_000000562072_00246_34368_8886.N1	26-SEP-2008 02:23:20	Dark	55.500	23	21Eps CMa	1.5020	26000.	111	34368	No
15	GOM_NL__2PRFIN20080926_022726_000000422072_00247_34369_8890.N1	26-SEP-2008 02:27:26	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	34369	No
16	GOM_NL__2PRFIN20080926_024000_000000432072_00247_34369_8891.N1	26-SEP-2008 02:40:00	Dark	43.000	9	Alp Eri	0.45300	24000.	86	34369	No
17	GOM_NL__2PRFIN20080926_024529_000000432072_00247_34369_8892.N1	26-SEP-2008 02:45:29	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34369	No
18	GOM_NL__2PRFIN20080926_025236_000000502072_00247_34369_8893.N1	26-SEP-2008 02:52:36	Twilight	50.000	52	16Bet Cet	2.0370	4500.0	100	34369	No
19	GOM_NL__2PRFIN20080926_030254_000000372072_00247_34369_8894.N1	26-SEP-2008 03:02:54	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	34369	No
20	GOM_NL__2PRFIN20080926_030636_000000392072_00247_34369_8895.N1	26-SEP-2008 03:06:36	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34369	No
21	GOM_NL__2PRFIN20080926_031618_000000382072_00247_34369_8896.N1	26-SEP-2008 03:16:18	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	34369	No
22	GOM_NL__2PRFIN20080926_031747_000000372072_00247_34369_8897.N1	26-SEP-2008 03:17:47	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	34369	No
23	GOM_NL__2PRFIN20080926_034312_000000522072_00247_34369_8898.N1	26-SEP-2008 03:43:12	Bright	51.500	17	78Bet Gem	1.1610	4500.0	103	34369	No
24	GOM_NL__2PRFIN20080926_035150_000000452072_00247_34369_8899.N1	26-SEP-2008 03:51:50	Dark	45.000	8	10Alp CMi	0.40000	6500.0	90	34369	No
25	GOM_NL__2PRFIN20080926_035904_000000442072_00247_34369_8900.N1	26-SEP-2008 03:59:04	Dark	44.000	132	15Rho Pup	2.8030	6900.0	88	34369	No
26	GOM_NL__2PRFIN20080926_040226_000000462072_00247_34369_8901.N1	26-SEP-2008 04:02:26	Dark	45.500	88	31Eta CMa	2.4480	20000.	91	34369	No
27	GOM_NL__2PRFIN20080926_040357_000000502072_00247_34369_8902.N1	26-SEP-2008 04:03:57	Dark	50.000	23	21Eps CMa	1.5020	26000.	100	34369	No
28	GOM_NL__2PRFIN20080926_040803_000000412072_00248_34370_8902.N1	26-SEP-2008 04:08:03	Dark	41.000	161	Tau Pup	2.9310	4500.0	82	34370	No
29	GOM_NL__2PRFIN20080926_042037_000000402072_00248_34370_8903.N1	26-SEP-2008 04:20:37	Dark	39.500	9	Alp Eri	0.45300	24000.	79	34370	No
30	GOM_NL__2PRFIN20080926_042605_000000402072_00248_34370_8904.N1	26-SEP-2008 04:26:05	Straylight	39.500	84	Alp Phe	2.3970	4500.0	79	34370	No
31	GOM_NL__2PRFIN20080926_043312_000000512072_00248_34370_8905.N1	26-SEP-2008 04:33:12	Twilight	51.000	52	16Bet Cet	2.0370	4500.0	102	34370	No
32	GOM_NL__2PRFIN20080926_044330_000000362072_00248_34370_8906.N1	26-SEP-2008 04:43:30	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	34370	No
33	GOM_NL__2PRFIN20080926_044712_000000382072_00248_34370_8907.N1	26-SEP-2008 04:47:12	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	34370	No
34	GOM_NL__2PRFIN20080926_045654_000000402072_00248_34370_8908.N1	26-SEP-2008 04:56:54	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	34370	No
35	GOM_NL__2PRFIN20080926_045823_000000402072_00248_34370_8909.N1	26-SEP-2008 04:58:23	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	34370	No
36	GOM_NL__2PRFIN20080926_052348_000000662072_00248_34370_8910.N1	26-SEP-2008 05:23:48	Bright	65.500	17	78Bet Gem	1.1610	4500.0	131	34370	No
37	GOM_NL__2PRFIN20080926_053227_000000362072_00248_34370_8911.N1	26-SEP-2008 05:32:27	Dark	36.000	8	10Alp CMi	0.40000	6500.0	72	34370	No
38	GOM_NL__2PRFIN20080926_053941_000000452072_00248_34370_8912.N1	26-SEP-2008 05:39:41	Dark	44.500	132	15Rho Pup	2.8030	6900.0	89	34370	No
39	GOM_NL__2PRFIN20080926_054302_000000472072_00248_34370_8913.N1	26-SEP-2008 05:43:02	Dark	47.000	88	31Eta CMa	2.4480	20000.	94	34370	No
40	GOM_NL__2PRFIN20080926_054434_000000512072_00248_34370_8914.N1	26-SEP-2008 05:44:34	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	34370	No
41	GOM_NL__2PRFIN20080926_054840_000000412072_00249_34371_8922.N1	26-SEP-2008 05:48:40	Dark	40.500	161	Tau Pup	2.9310	4500.0	81	34371	No
42	GOM_NL__2PRFIN20080926_060115_000000472072_00249_34371_8923.N1	26-SEP-2008 06:01:15	Dark	47.000	9	Alp Eri	0.45300	24000.	94	34371	No

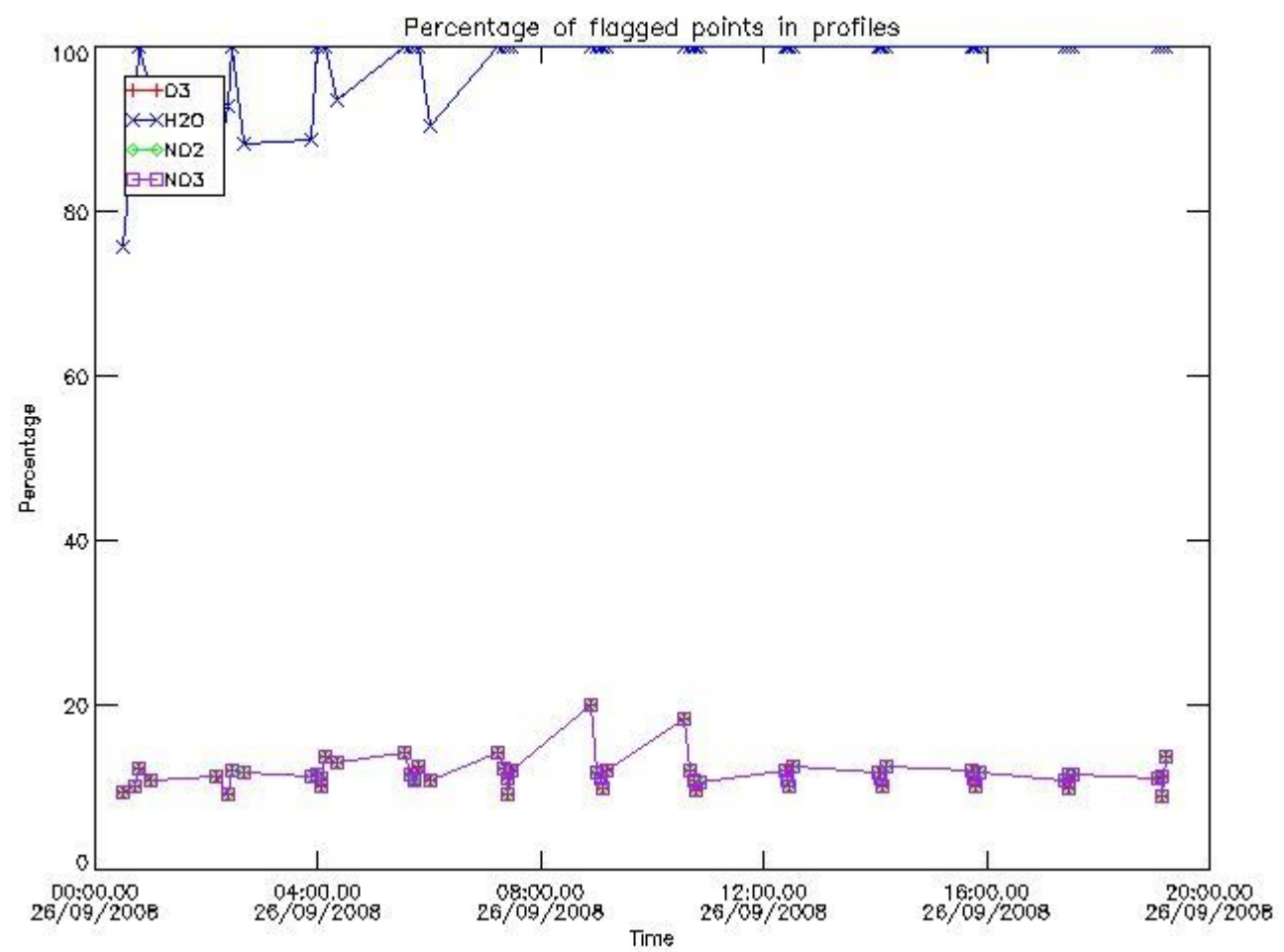
43	GOM_NL__2PRFIN20080926_060642_000000442072_00249_34371_8924.N1	26-SEP-2008 06:06:42	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	34371	No
44	GOM_NL__2PRFIN20080926_061348_000000522072_00249_34371_8925.N1	26-SEP-2008 06:13:48	Twl_and_stray	51.500	52	16Bet Cet	2.0370	4500.0	103	34371	No
45	GOM_NL__2PRFIN20080926_062406_000000362072_00249_34371_8926.N1	26-SEP-2008 06:24:06	Bright	35.500	90	54Alp Peg	2.4870	11000.	71	34371	No
46	GOM_NL__2PRFIN20080926_062748_000000392072_00249_34371_8927.N1	26-SEP-2008 06:27:48	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34371	No
47	GOM_NL__2PRFIN20080926_063729_000000392072_00249_34371_8928.N1	26-SEP-2008 06:37:29	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	34371	No
48	GOM_NL__2PRFIN20080926_063858_000000412072_00249_34371_8929.N1	26-SEP-2008 06:38:58	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	34371	No
49	GOM_NL__2PRFIN20080926_070425_000000532072_00249_34371_8930.N1	26-SEP-2008 07:04:25	Bright	53.000	17	78Bet Gem	1.1610	4500.0	106	34371	No
50	GOM_NL__2PRFIN20080926_071304_000000362072_00249_34371_8931.N1	26-SEP-2008 07:13:04	Dark	36.000	8	10Alp CMi	0.40000	6500.0	72	34371	No
51	GOM_NL__2PRFIN20080926_072018_000000422072_00249_34371_8932.N1	26-SEP-2008 07:20:18	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	34371	No
52	GOM_NL__2PRFIN20080926_072339_000000462072_00249_34371_8933.N1	26-SEP-2008 07:23:39	Dark	46.000	88	31Eta CMa	2.4480	20000.	92	34371	No
53	GOM_NL__2PRFIN20080926_072511_000000552072_00249_34371_8934.N1	26-SEP-2008 07:25:11	Dark	55.000	23	21Eps CMa	1.5020	26000.	110	34371	No
54	GOM_NL__2PRFIN20080926_072916_000000422072_00250_34372_8934.N1	26-SEP-2008 07:29:16	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	34372	No
55	GOM_NL__2PRFIN20080926_074302_000000502072_00250_34372_8935.N1	26-SEP-2008 07:43:02	Straylight	50.000	157	The1Eri	2.9060	9300.0	100	34372	No
56	GOM_NL__2PRFIN20080926_074718_000000452072_00250_34372_8936.N1	26-SEP-2008 07:47:18	Straylight	44.500	84	Alp Phe	2.3970	4500.0	89	34372	No
57	GOM_NL__2PRFIN20080926_075424_000000512072_00250_34372_8937.N1	26-SEP-2008 07:54:24	Twl_and_stray	51.000	52	16Bet Cet	2.0370	4500.0	102	34372	No
58	GOM_NL__2PRFIN20080926_080442_000000372072_00250_34372_8938.N1	26-SEP-2008 08:04:42	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	34372	No
59	GOM_NL__2PRFIN20080926_080824_000000382072_00250_34372_8939.N1	26-SEP-2008 08:08:24	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	34372	No
60	GOM_NL__2PRFIN20080926_081805_000000392072_00250_34372_8940.N1	26-SEP-2008 08:18:05	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	34372	No
61	GOM_NL__2PRFIN20080926_081934_000000402072_00250_34372_8941.N1	26-SEP-2008 08:19:34	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	34372	No
62	GOM_NL__2PRFIN20080926_084501_000000542072_00250_34372_8942.N1	26-SEP-2008 08:45:01	Bright	53.500	17	78Bet Gem	1.1610	4500.0	107	34372	No
63	GOM_NL__2PRFIN20080926_085341_000000282072_00250_34372_8943.N1	26-SEP-2008 08:53:41	Dark	28.000	8	10Alp CMi	0.40000	6500.0	56	34372	No
64	GOM_NL__2PRFIN20080926_090054_000000432072_00250_34372_8944.N1	26-SEP-2008 09:00:54	Dark	43.000	132	15Rho Pup	2.8030	6900.0	86	34372	No
65	GOM_NL__2PRFIN20080926_090416_000000462072_00250_34372_8945.N1	26-SEP-2008 09:04:16	Dark	45.500	88	31Eta CMa	2.4480	20000.	91	34372	No
66	GOM_NL__2PRFIN20080926_090548_000000522072_00250_34372_8946.N1	26-SEP-2008 09:05:48	Dark	51.500	23	21Eps CMa	1.5020	26000.	103	34372	No
67	GOM_NL__2PRFIN20080926_090953_000000432072_00251_34373_8949.N1	26-SEP-2008 09:09:53	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	34373	No
68	GOM_NL__2PRFIN20080926_092339_000000522072_00251_34373_8950.N1	26-SEP-2008 09:23:39	Straylight	51.500	157	The1Eri	2.9060	9300.0	103	34373	No
69	GOM_NL__2PRFIN20080926_092754_000000442072_00251_34373_8951.N1	26-SEP-2008 09:27:54	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	34373	No
70	GOM_NL__2PRFIN20080926_093500_000000512072_00251_34373_8952.N1	26-SEP-2008 09:35:00	Twl_and_stray	51.000	52	16Bet Cet	2.0370	4500.0	102	34373	No
71	GOM_NL__2PRFIN20080926_094518_000000362072_00251_34373_8953.N1	26-SEP-2008 09:45:18	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	34373	No
72	GOM_NL__2PRFIN20080926_094859_000000362072_00251_34373_8954.N1	26-SEP-2008 09:48:59	Bright	35.500	93	53Bet Peg	2.5200	3100.0	71	34373	No
73	GOM_NL__2PRFIN20080926_095840_000000382072_00251_34373_8955.N1	26-SEP-2008 09:58:40	Bright	37.500	74	11Bet Cas	2.2680	6600.0	75	34373	No
74	GOM_NL__2PRFIN20080926_100009_000000572072_00251_34373_8956.N1	26-SEP-2008 10:00:09	Bright	56.500	76	27Gam Cas	2.3000	30000.	113	34373	No
75	GOM_NL__2PRFIN20080926_102537_000000532072_00251_34373_8957.N1	26-SEP-2008 10:25:37	Bright	53.000	17	78Bet Gem	1.1610	4500.0	106	34373	No
76	GOM_NL__2PRFIN20080926_103417_000000282072_00251_34373_8958.N1	26-SEP-2008 10:34:17	Dark	28.000	8	10Alp CMi	0.40000	6500.0	56	34373	No
77	GOM_NL__2PRFIN20080926_104131_000000432072_00251_34373_8959.N1	26-SEP-2008 10:41:31	Dark	42.500	132	15Rho Pup	2.8030	6900.0	85	34373	No
78	GOM_NL__2PRFIN20080926_104453_000000482072_00251_34373_8960.N1	26-SEP-2008 10:44:53	Dark	47.500	88	31Eta CMa	2.4480	20000.	95	34373	No
79	GOM_NL__2PRFIN20080926_104625_000000532072_00251_34373_8961.N1	26-SEP-2008 10:46:25	Dark	52.500	23	21Eps CMa	1.5020	26000.	105	34373	No
80	GOM_NL__2PRFIN20080926_105029_000000492072_00252_34374_8961.N1	26-SEP-2008 10:50:29	Dark	48.500	161	Tau Pup	2.9310	4500.0	97	34374	No
81	GOM_NL__2PRFIN20080926_110415_000000502072_00252_34374_8962.N1	26-SEP-2008 11:04:15	Straylight	50.000	157	The1Eri	2.9060	9300.0	100	34374	No
82	GOM_NL__2PRFIN20080926_110830_000000402072_00252_34374_8963.N1	26-SEP-2008 11:08:30	Straylight	39.500	84	Alp Phe	2.3970	4500.0	79	34374	No
83	GOM_NL__2PRFIN20080926_111536_000000502072_00252_34374_8964.N1	26-SEP-2008 11:15:36	Twl_and_stray	50.000	52	16Bet Cet	2.0370	4500.0	100	34374	No
84	GOM_NL__2PRFIN20080926_112554_000000372072_00252_34374_8965.N1	26-SEP-2008 11:25:54	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	34374	No
85	GOM_NL__2PRFIN20080926_112935_000000372072_00252_34374_8966.N1	26-SEP-2008 11:29:35	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	34374	No
86	GOM_NL__2PRFIN20080926_113916_000000402072_00252_34374_8967.N1	26-SEP-2008 11:39:16	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	34374	No
87	GOM_NL__2PRFIN20080926_114045_000000402072_00252_34374_8968.N1	26-SEP-2008 11:40:45	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	34374	No
88	GOM_NL__2PRFIN20080926_120613_000000542072_00252_34374_8969.N1	26-SEP-2008 12:06:13	Bright	54.000	17	78Bet Gem	1.1610	4500.0	108	34374	No
89	GOM_NL__2PRFIN20080926_122208_000000422072_00252_34374_8970.N1	26-SEP-2008 12:22:08	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	34374	No
90	GOM_NL__2PRFIN20080926_122530_000000472072_00252_34374_8971.N1	26-SEP-2008 12:25:30	Dark	47.000	88	31Eta CMa	2.4480	20000.	94	34374	No
91	GOM_NL__2PRFIN20080926_122702_000000512072_00252_34374_8972.N1	26-SEP-2008 12:27:02	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	34374	No
92	GOM_NL__2PRFIN20080926_123106_000000412072_00253_34375_8972.N1	26-SEP-2008 12:31:06	Dark	41.000	161	Tau Pup	2.9310	4500.0	82	34375	No
93	GOM_NL__2PRFIN20080926_124452_000000512072_00253_34375_8973.N1	26-SEP-2008 12:44:52	Straylight	51.000	157	The1Eri	2.9060	9300.0	102	34375	No
94	GOM_NL__2PRFIN20080926_124907_000000442072_00253_34375_8974.N1	26-SEP-2008 12:49:07	Straylight	43.500	84	Alp Phe	2.3970	4500.0	87	34375	No
95	GOM_NL__2PRFIN20080926_125612_000000502072_00253_34375_8975.N1	26-SEP-2008 12:56:12	Twl_and_stray	50.000	52	16Bet Cet	2.0370	4500.0	100	34375	No
96	GOM_NL__2PRFIN20080926_130630_000000372072_00253_34375_8976.N1	26-SEP-2008 13:06:30	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	34375	No
97	GOM_NL__2PRFIN20080926_131011_000000372072_00253_34375_8977.N1	26-SEP-2008 13:10:11	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	34375	No
98	GOM_NL__2PRFIN20080926_131952_000000392072_00253_34375_8978.N1	26-SEP-2008 13:19:52	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	34375	No
99	GOM_NL__2PRFIN20080926_132120_000000412072_00253_34375_8979.N1	26-SEP-2008 13:21:20	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	34375	No
100	GOM_NL__2PRFIN20080926_134649_000000542072_00253_34375_8980.N1	26-SEP-2008 13:46:49	Bright	53.500	17	78Bet Gem	1.1610	4500.0	107	34375	No
101	GOM_NL__2PRFIN20080926_140244_000000442072_00253_34375_8981.N1	26-SEP-2008 14:02:44	Dark	43.500	132	15Rho Pup	2.8030	6900.0	87	34375	No

102	GOM_NL__2PRFIN20080926_140607_000000462072_00253_34375_8982.N1	26-SEP-2008 14:06:07	Dark	45.500	88	31Eta CMa	2.4480	20000.	91	34375	No
103	GOM_NL__2PRFIN20080926_140739_000000512072_00253_34375_8983.N1	26-SEP-2008 14:07:39	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	34375	No
104	GOM_NL__2PRFIN20080926_141143_000000412072_00254_34376_8994.N1	26-SEP-2008 14:11:43	Dark	40.500	161	Tau Pup	2.9310	4500.0	81	34376	No
105	GOM_NL__2PRFIN20080926_142529_000000522072_00254_34376_8995.N1	26-SEP-2008 14:25:29	Straylight	52.000	157	The1Eri	2.9060	9300.0	104	34376	No
106	GOM_NL__2PRFIN20080926_142943_000000402072_00254_34376_8996.N1	26-SEP-2008 14:29:43	Straylight	40.000	84	Alp Phe	2.3970	4500.0	80	34376	No
107	GOM_NL__2PRFIN20080926_143649_000000492072_00254_34376_8997.N1	26-SEP-2008 14:36:49	Tw_i_and_stray	49.000	52	16Bet Cet	2.0370	4500.0	98	34376	No
108	GOM_NL__2PRFIN20080926_144705_000000372072_00254_34376_8998.N1	26-SEP-2008 14:47:05	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	34376	No
109	GOM_NL__2PRFIN20080926_145047_000000382072_00254_34376_8999.N1	26-SEP-2008 14:50:47	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	34376	No
110	GOM_NL__2PRFIN20080926_150027_000000362072_00254_34376_9000.N1	26-SEP-2008 15:00:27	Bright	36.000	74	11Bet Cas	2.2680	6600.0	72	34376	No
111	GOM_NL__2PRFIN20080926_150156_000000412072_00254_34376_9001.N1	26-SEP-2008 15:01:56	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	34376	No
112	GOM_NL__2PRFIN20080926_152725_000000532072_00254_34376_9002.N1	26-SEP-2008 15:27:25	Bright	52.500	17	78Bet Gem	1.1610	4500.0	105	34376	No
113	GOM_NL__2PRFIN20080926_154321_000000432072_00254_34376_9003.N1	26-SEP-2008 15:43:21	Dark	42.500	132	15Rho Pup	2.8030	6900.0	85	34376	No
114	GOM_NL__2PRFIN20080926_154644_000000462072_00254_34376_9004.N1	26-SEP-2008 15:46:44	Dark	46.000	88	31Eta CMa	2.4480	20000.	92	34376	No
115	GOM_NL__2PRFIN20080926_154816_000000512072_00254_34376_9005.N1	26-SEP-2008 15:48:16	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	34376	No
116	GOM_NL__2PRFIN20080926_155219_000000432072_00255_34377_9003.N1	26-SEP-2008 15:52:19	Dark	43.000	161	Tau Pup	2.9310	4500.0	86	34377	No
117	GOM_NL__2PRFIN20080926_160605_000000502072_00255_34377_9004.N1	26-SEP-2008 16:06:05	Straylight	49.500	157	The1Eri	2.9060	9300.0	99	34377	No
118	GOM_NL__2PRFIN20080926_161019_000000412072_00255_34377_9005.N1	26-SEP-2008 16:10:19	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	34377	No
119	GOM_NL__2PRFIN20080926_161724_000000502072_00255_34377_9006.N1	26-SEP-2008 16:17:24	Tw_i_and_stray	49.500	52	16Bet Cet	2.0370	4500.0	99	34377	No
120	GOM_NL__2PRFIN20080926_162741_000000372072_00255_34377_9007.N1	26-SEP-2008 16:27:41	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	34377	No
121	GOM_NL__2PRFIN20080926_163123_000000382072_00255_34377_9008.N1	26-SEP-2008 16:31:23	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	34377	No
122	GOM_NL__2PRFIN20080926_164103_000000392072_00255_34377_9009.N1	26-SEP-2008 16:41:03	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	34377	No
123	GOM_NL__2PRFIN20080926_164231_000000412072_00255_34377_9010.N1	26-SEP-2008 16:42:31	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	34377	No
124	GOM_NL__2PRFIN20080926_170801_000000542072_00255_34377_9011.N1	26-SEP-2008 17:08:01	Bright	53.500	17	78Bet Gem	1.1610	4500.0	107	34377	No
125	GOM_NL__2PRFIN20080926_172358_000000472072_00255_34377_9012.N1	26-SEP-2008 17:23:58	Dark	47.000	132	15Rho Pup	2.8030	6900.0	94	34377	No
126	GOM_NL__2PRFIN20080926_172721_000000452072_00255_34377_9013.N1	26-SEP-2008 17:27:21	Dark	44.500	88	31Eta CMa	2.4480	20000.	89	34377	No
127	GOM_NL__2PRFIN20080926_172853_000000512072_00255_34377_9014.N1	26-SEP-2008 17:28:53	Dark	51.000	23	21Eps CMa	1.5020	26000.	102	34377	No
128	GOM_NL__2PRFIN20080926_173256_000000452072_00256_34378_9013.N1	26-SEP-2008 17:32:56	Dark	44.500	161	Tau Pup	2.9310	4500.0	89	34378	No
129	GOM_NL__2PRFIN20080926_174642_000000502072_00256_34378_9014.N1	26-SEP-2008 17:46:42	Straylight	50.000	157	The1Eri	2.9060	9300.0	100	34378	No
130	GOM_NL__2PRFIN20080926_175055_000000432072_00256_34378_9015.N1	26-SEP-2008 17:50:55	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	34378	No
131	GOM_NL__2PRFIN20080926_175801_000000502072_00256_34378_9016.N1	26-SEP-2008 17:58:01	Tw_i_and_stray	50.000	52	16Bet Cet	2.0370	4500.0	100	34378	No
132	GOM_NL__2PRFIN20080926_180817_000000372072_00256_34378_9017.N1	26-SEP-2008 18:08:17	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	34378	No
133	GOM_NL__2PRFIN20080926_181159_000000392072_00256_34378_9018.N1	26-SEP-2008 18:11:59	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	34378	No
134	GOM_NL__2PRFIN20080926_182139_000000392072_00256_34378_9019.N1	26-SEP-2008 18:21:39	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	34378	No
135	GOM_NL__2PRFIN20080926_182307_000000412072_00256_34378_9020.N1	26-SEP-2008 18:23:07	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	34378	No
136	GOM_NL__2PRFIN20080926_184838_000000552072_00256_34378_9021.N1	26-SEP-2008 18:48:38	Bright	55.000	17	78Bet Gem	1.1610	4500.0	110	34378	No
137	GOM_NL__2PRFIN20080926_190434_000000462072_00256_34378_9022.N1	26-SEP-2008 19:04:34	Dark	45.500	132	15Rho Pup	2.8030	6900.0	91	34378	No
138	GOM_NL__2PRFIN20080926_190758_000000452072_00256_34378_9023.N1	26-SEP-2008 19:07:58	Dark	45.000	88	31Eta CMa	2.4480	20000.	90	34378	No
139	GOM_NL__2PRFIN20080926_190930_000000632072_00256_34378_9024.N1	26-SEP-2008 19:09:30	Dark	63.000	23	21Eps CMa	1.5020	26000.	126	34378	No
140	GOM_NL__2PRFIN20080926_191333_000000402072_00257_34379_9024.N1	26-SEP-2008 19:13:33	Dark	40.000	161	Tau Pup	2.9310	4500.0	80	34379	No

### 3. Quality information per product

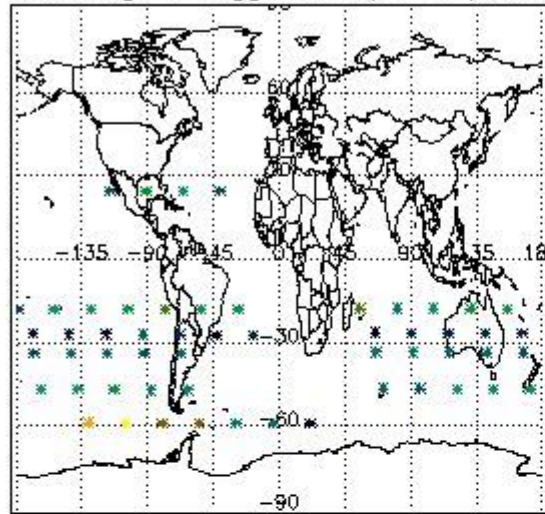
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

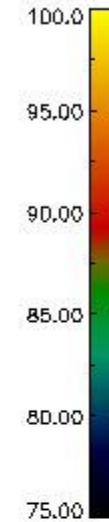
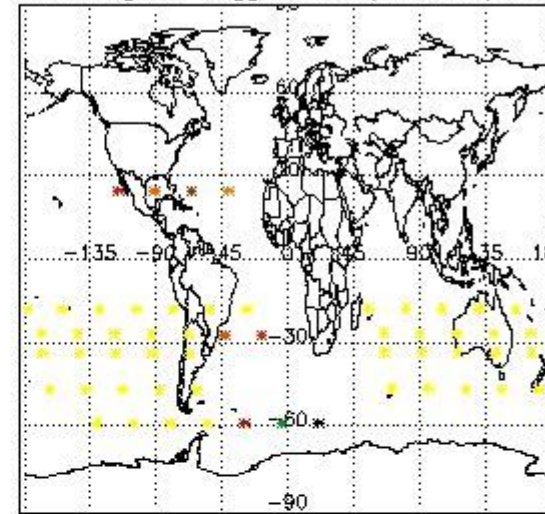


3.2 Plot quality information per product (world map)

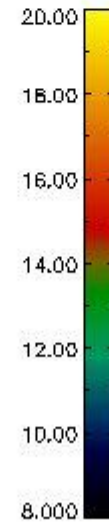
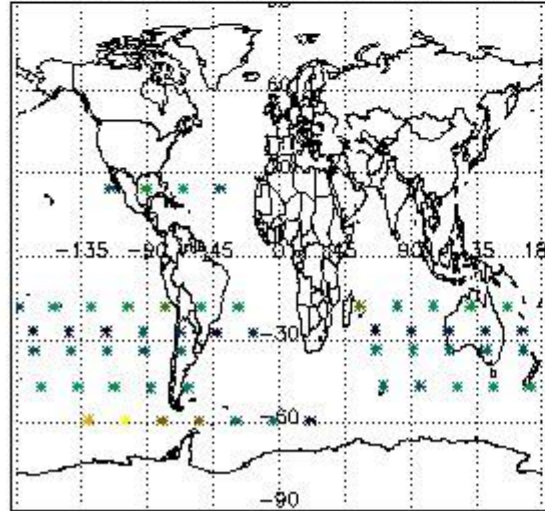
Percentage of flagged data per O3 profile



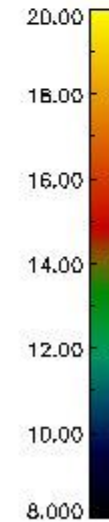
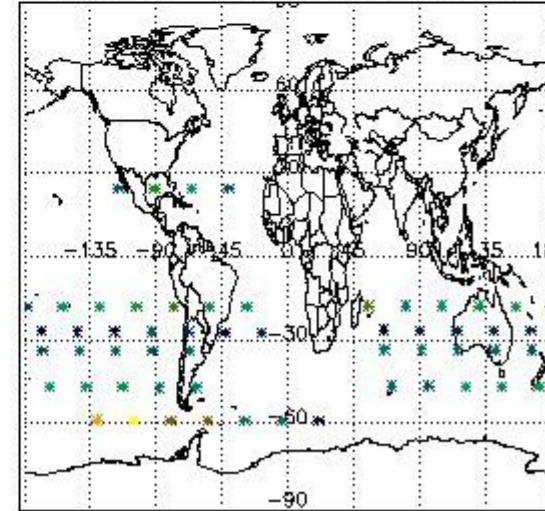
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

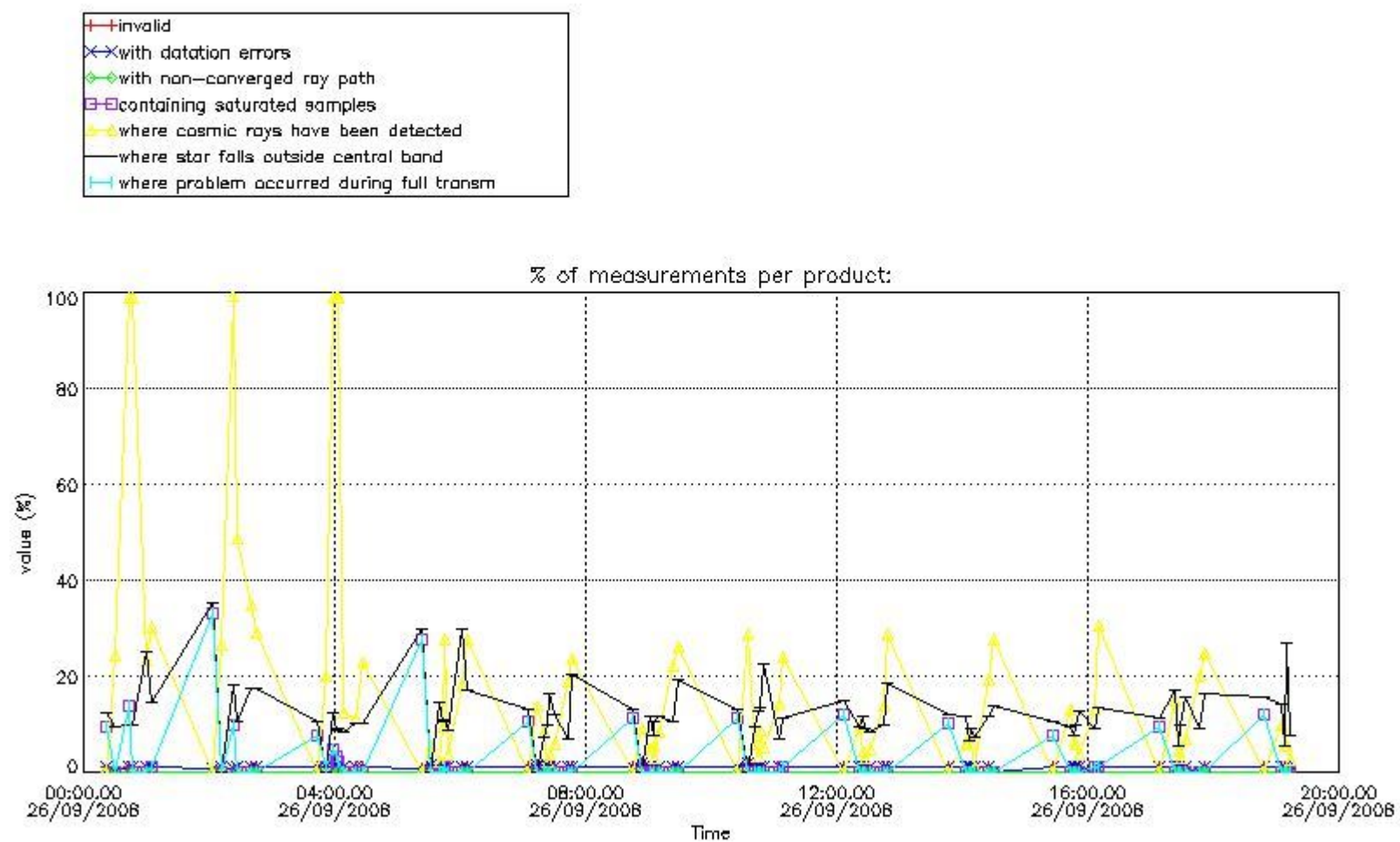


#### 4. Level 1 quality information per product

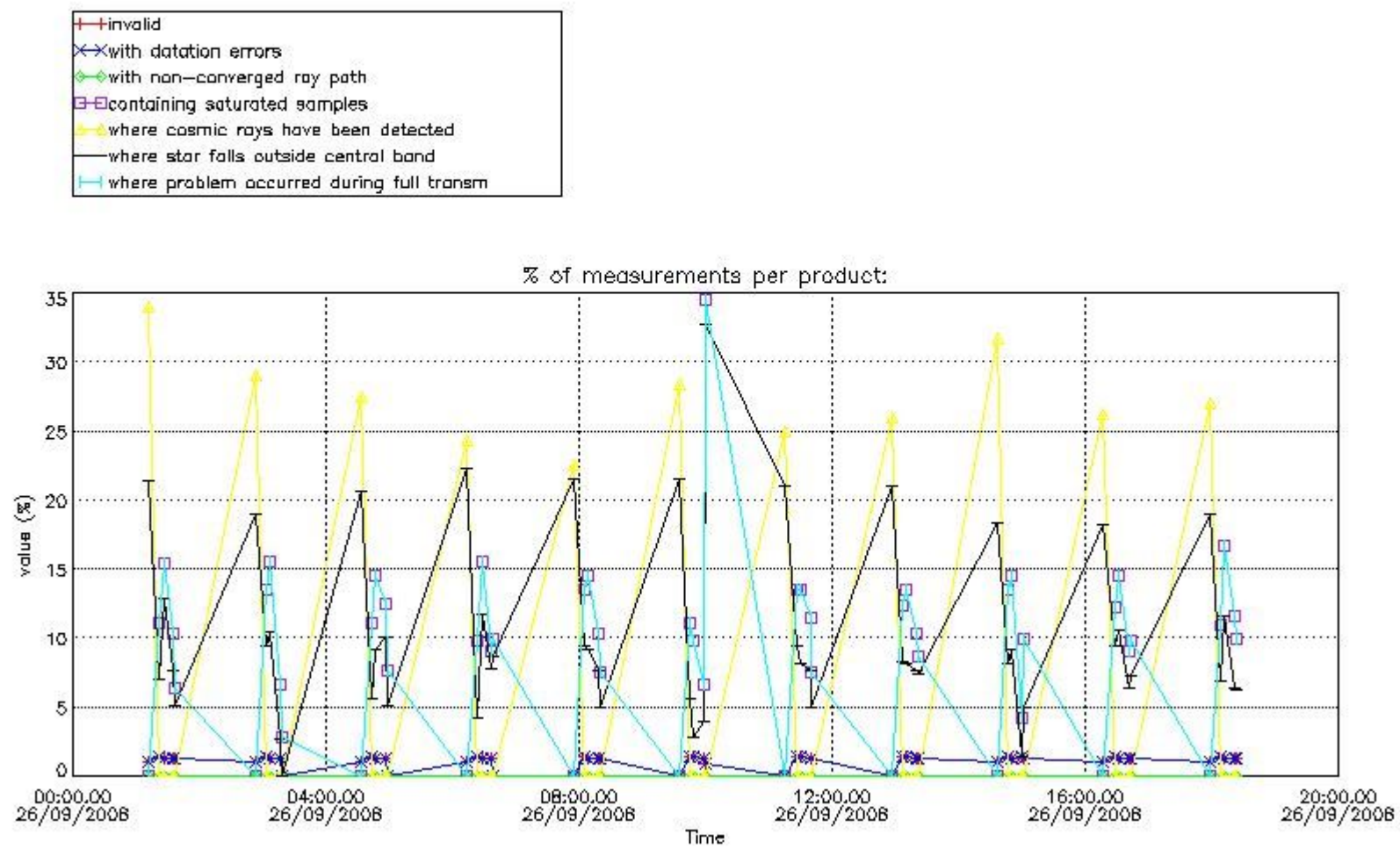
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



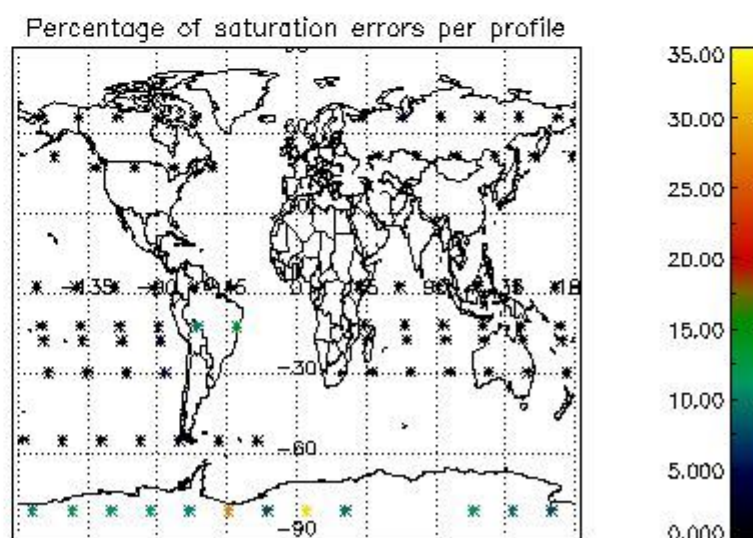
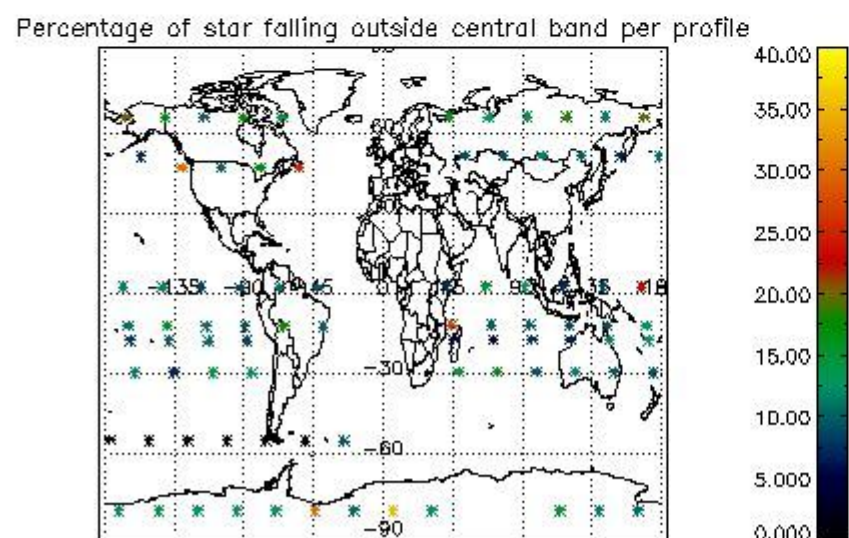
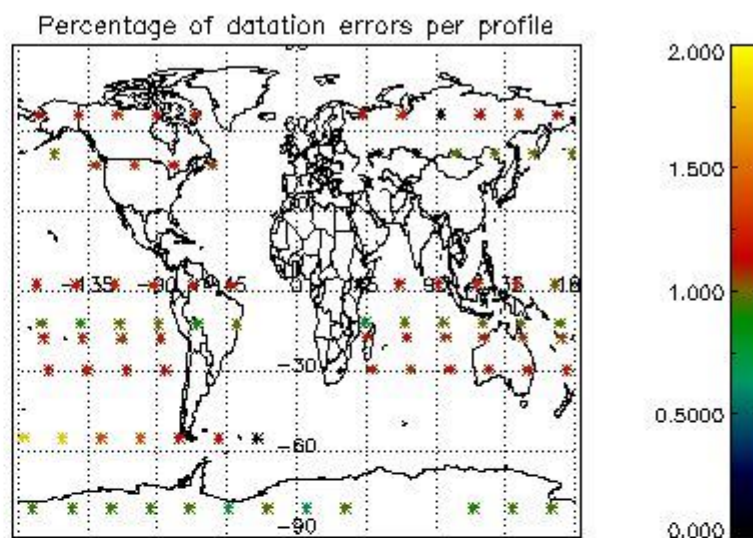
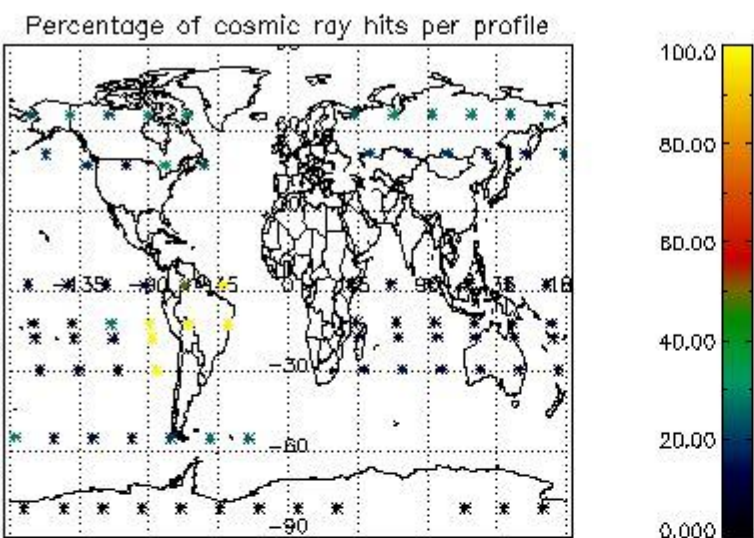
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



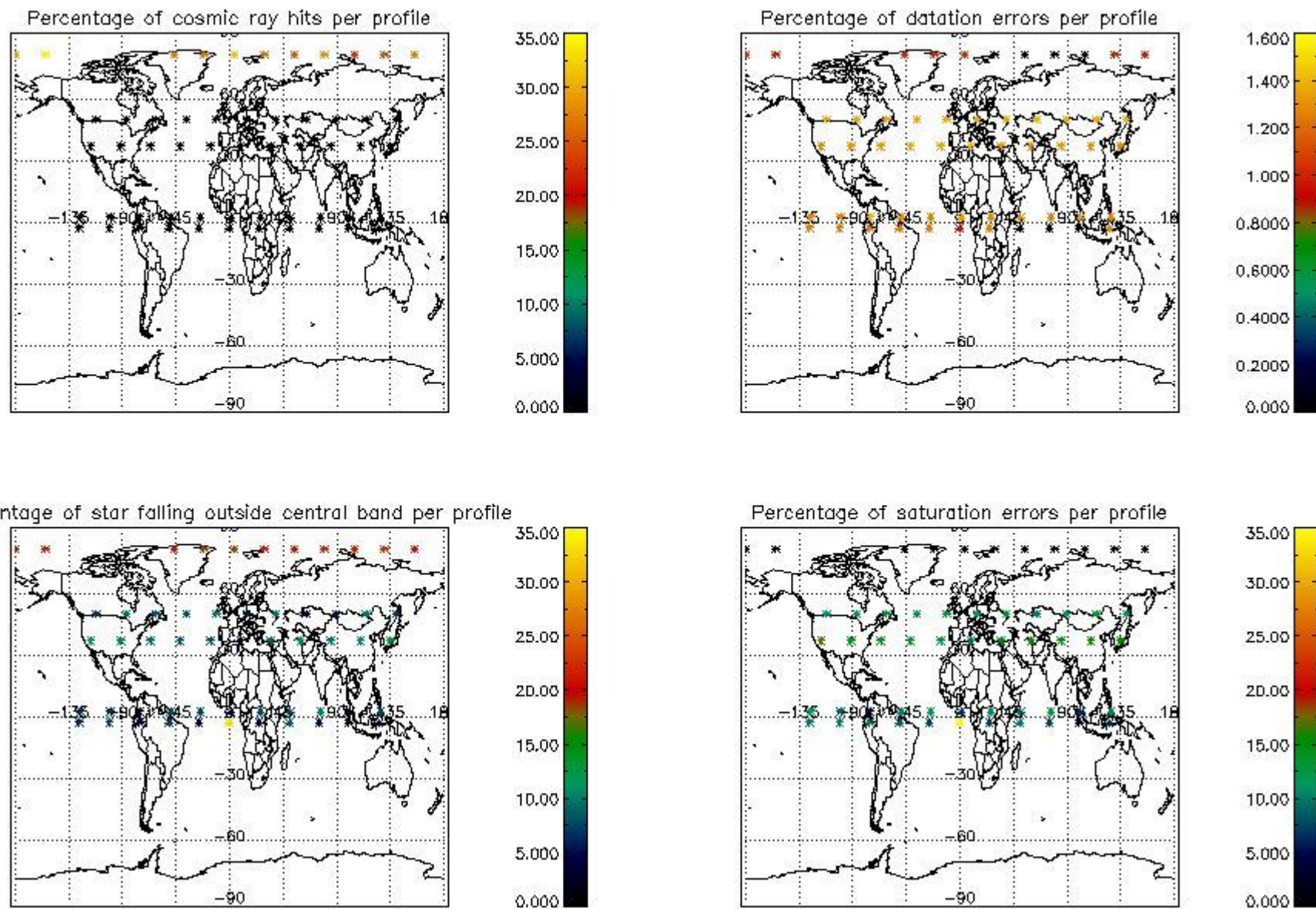
4.2 Plot quality information per product coming from level 1b processing (world map)

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

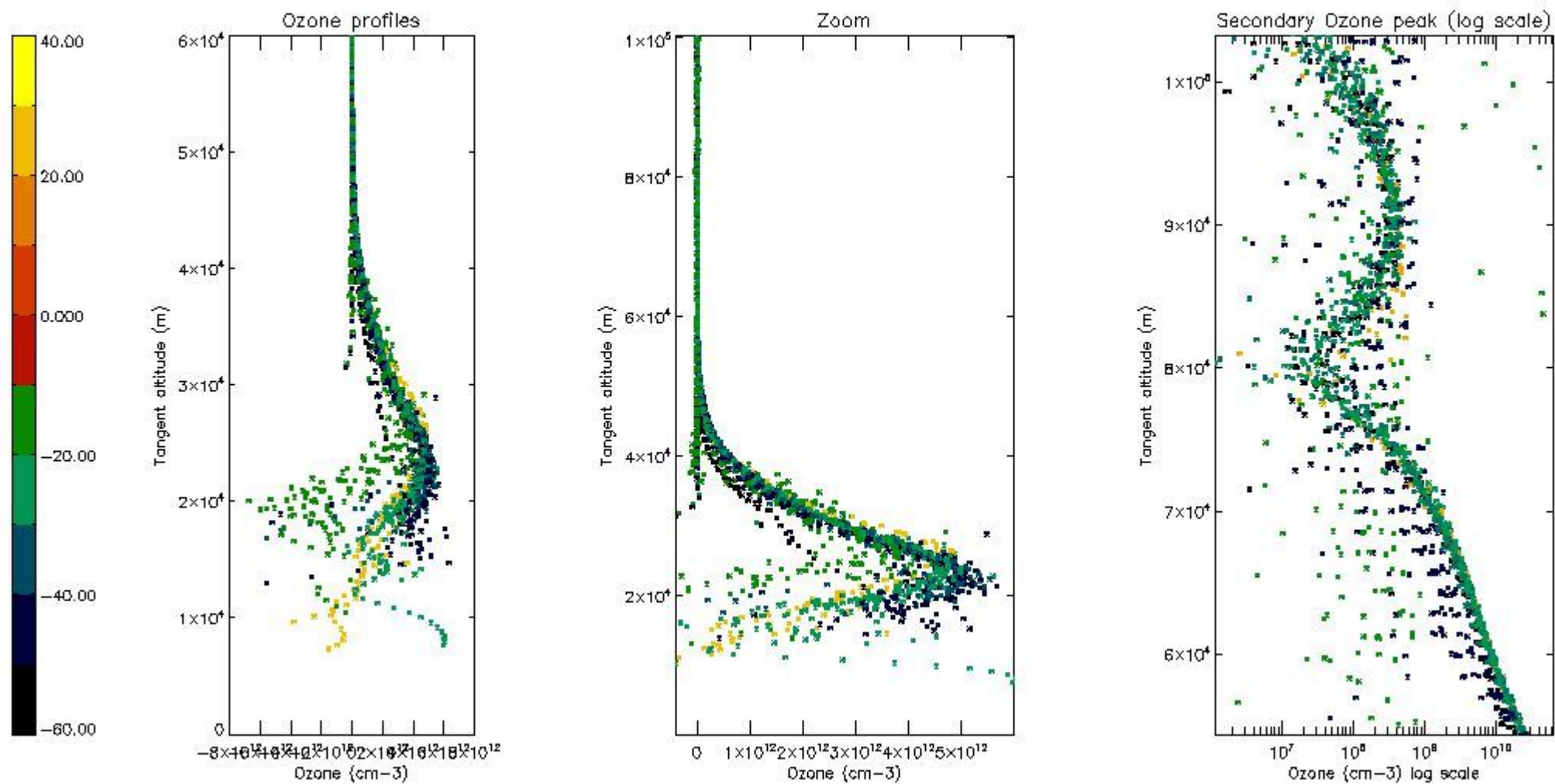
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	40
STD < 20	21

STD < 10	15
STD < 5	12

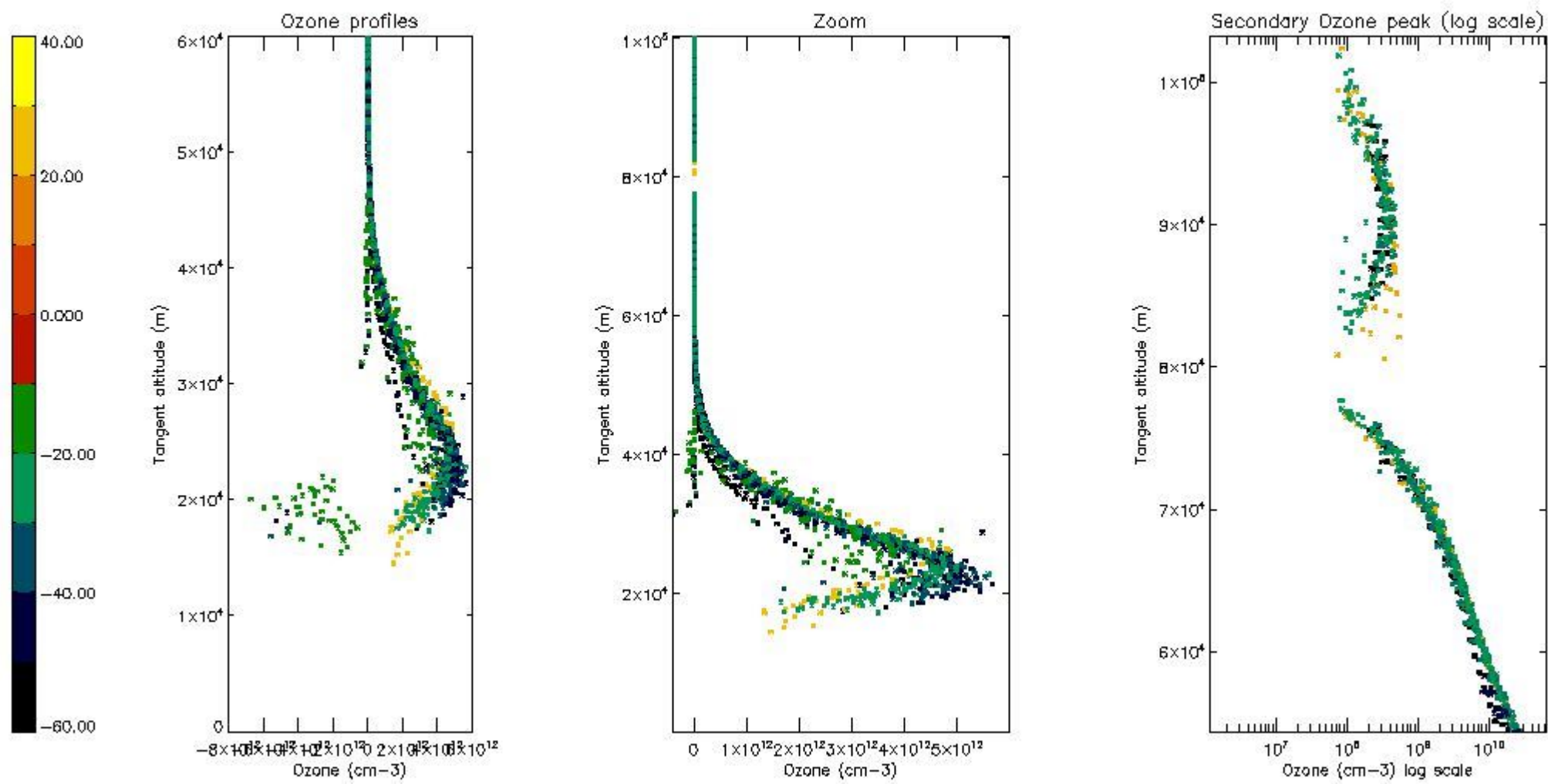
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



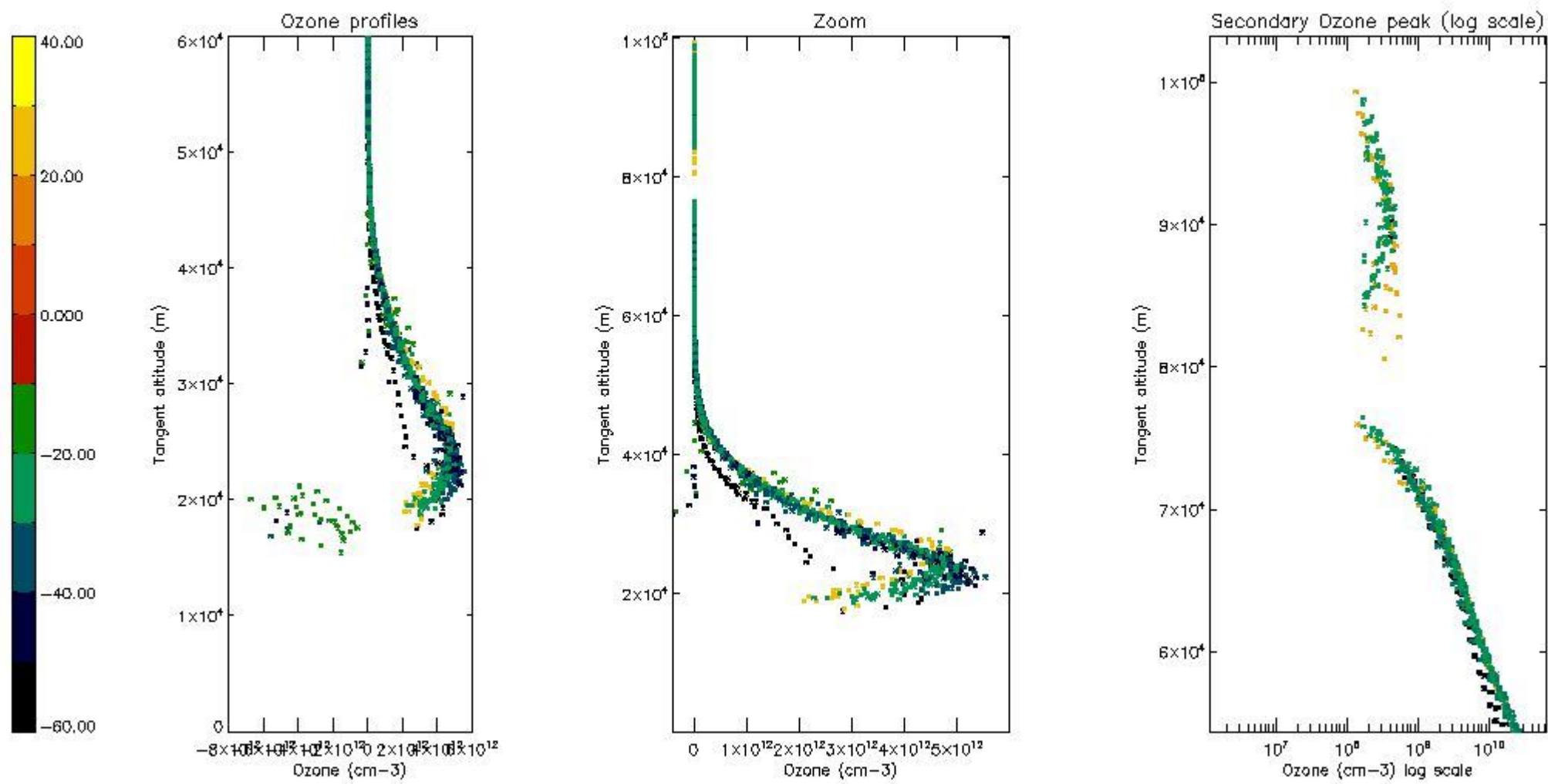
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



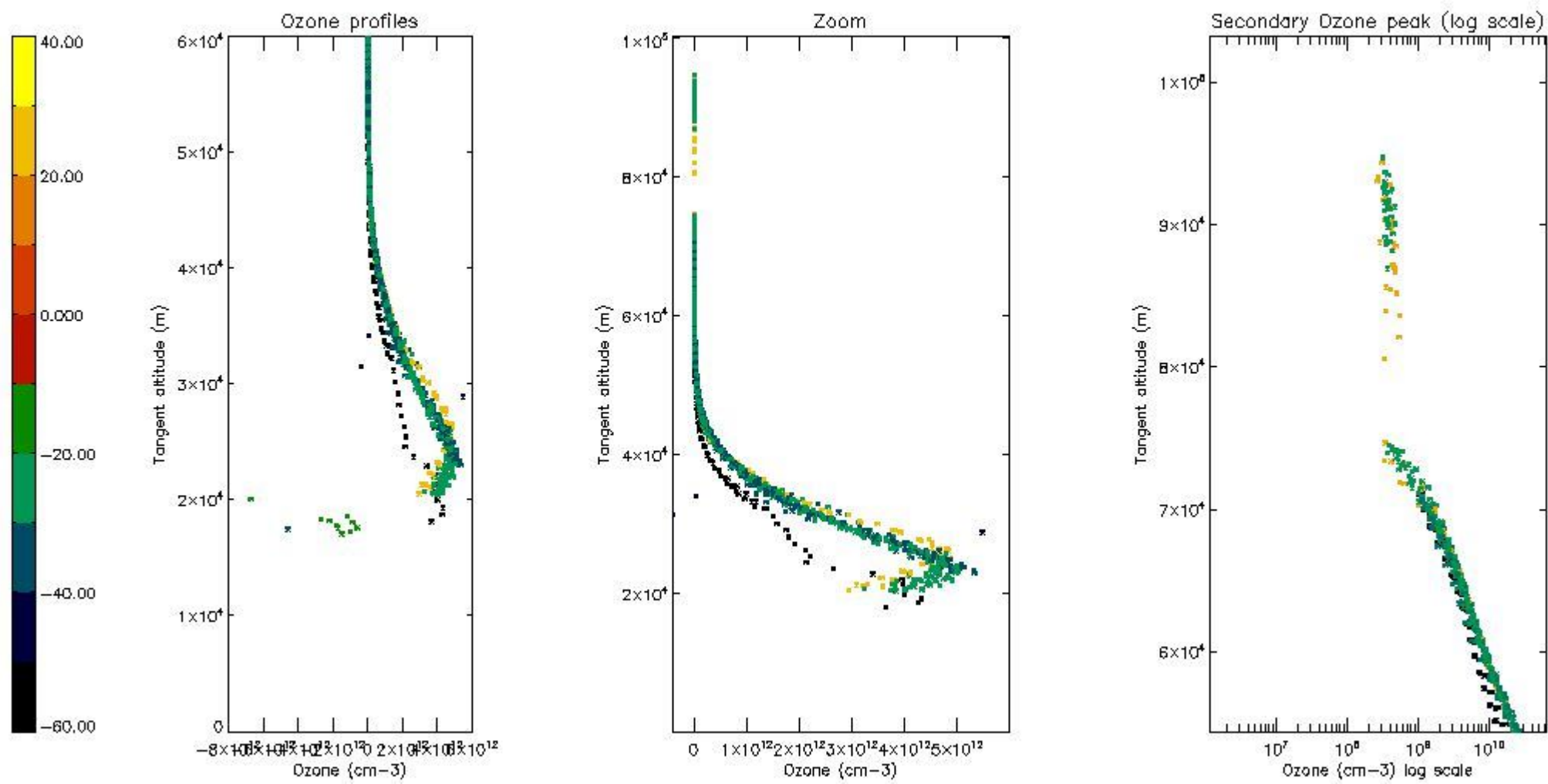
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



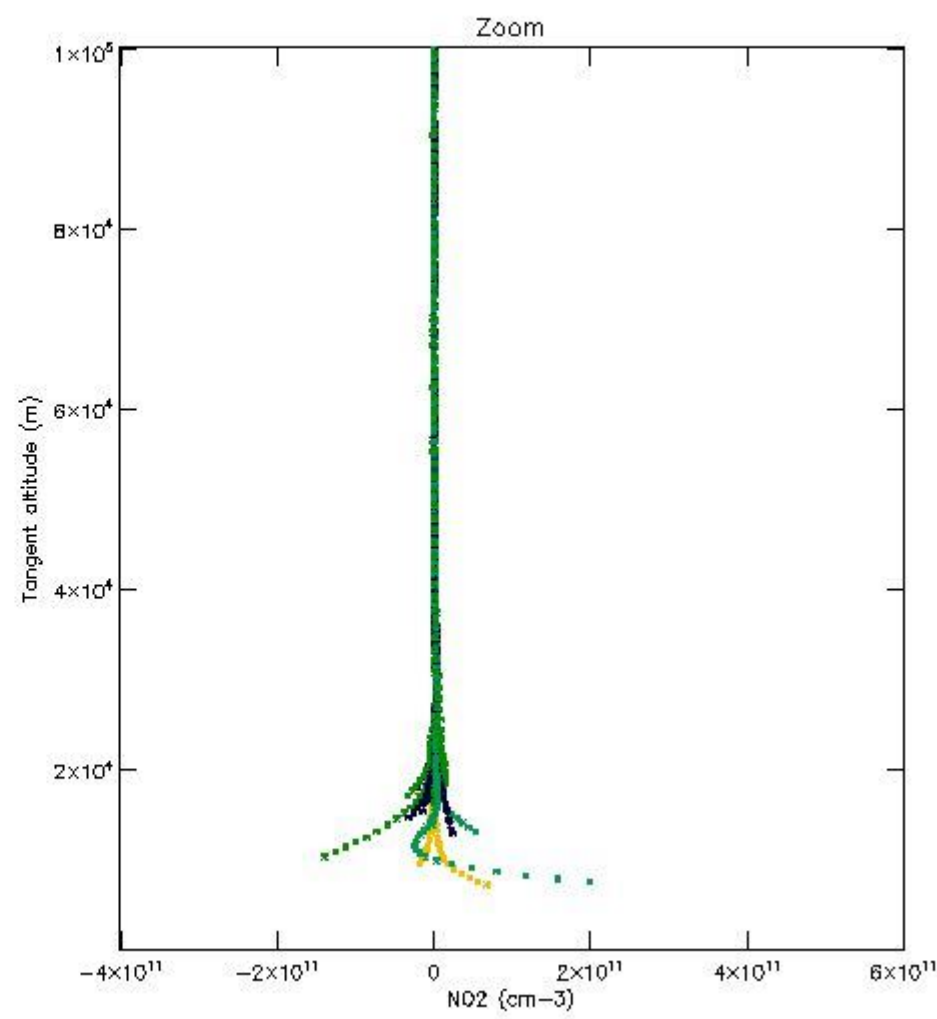
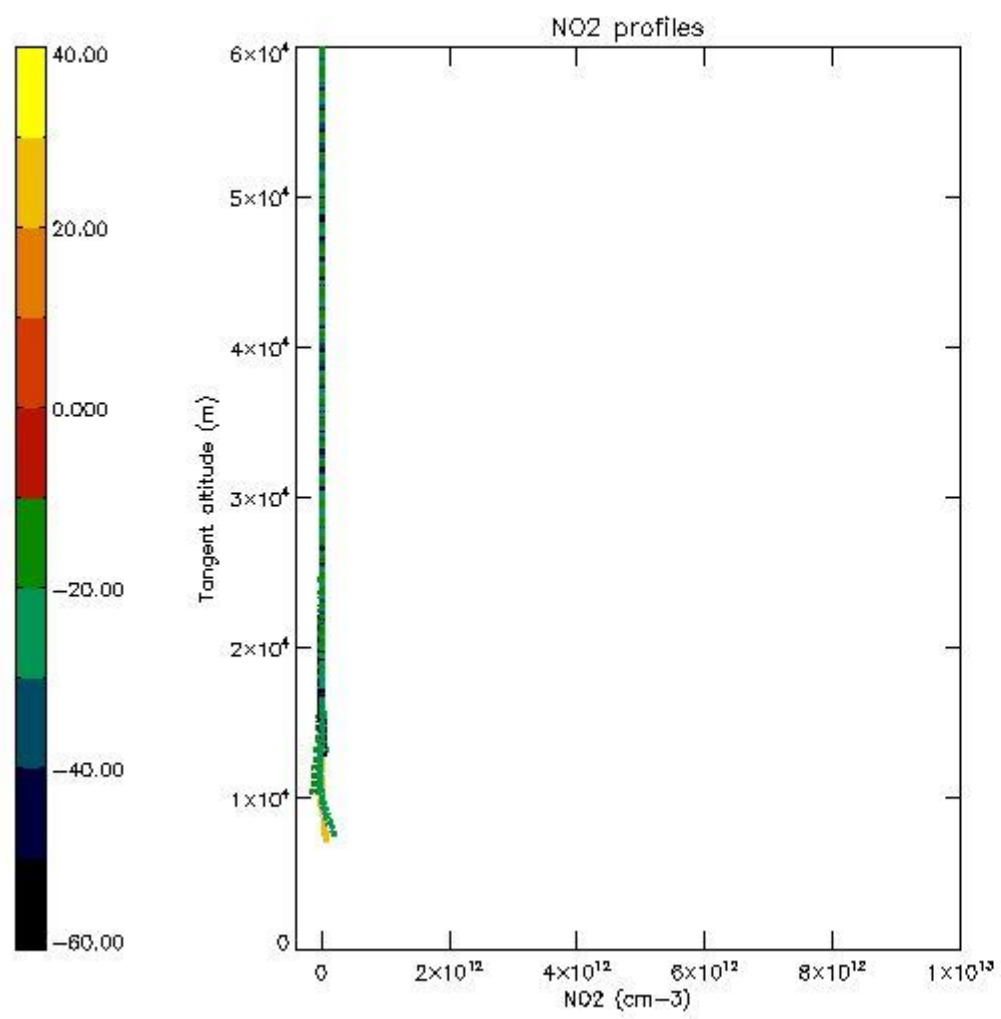
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



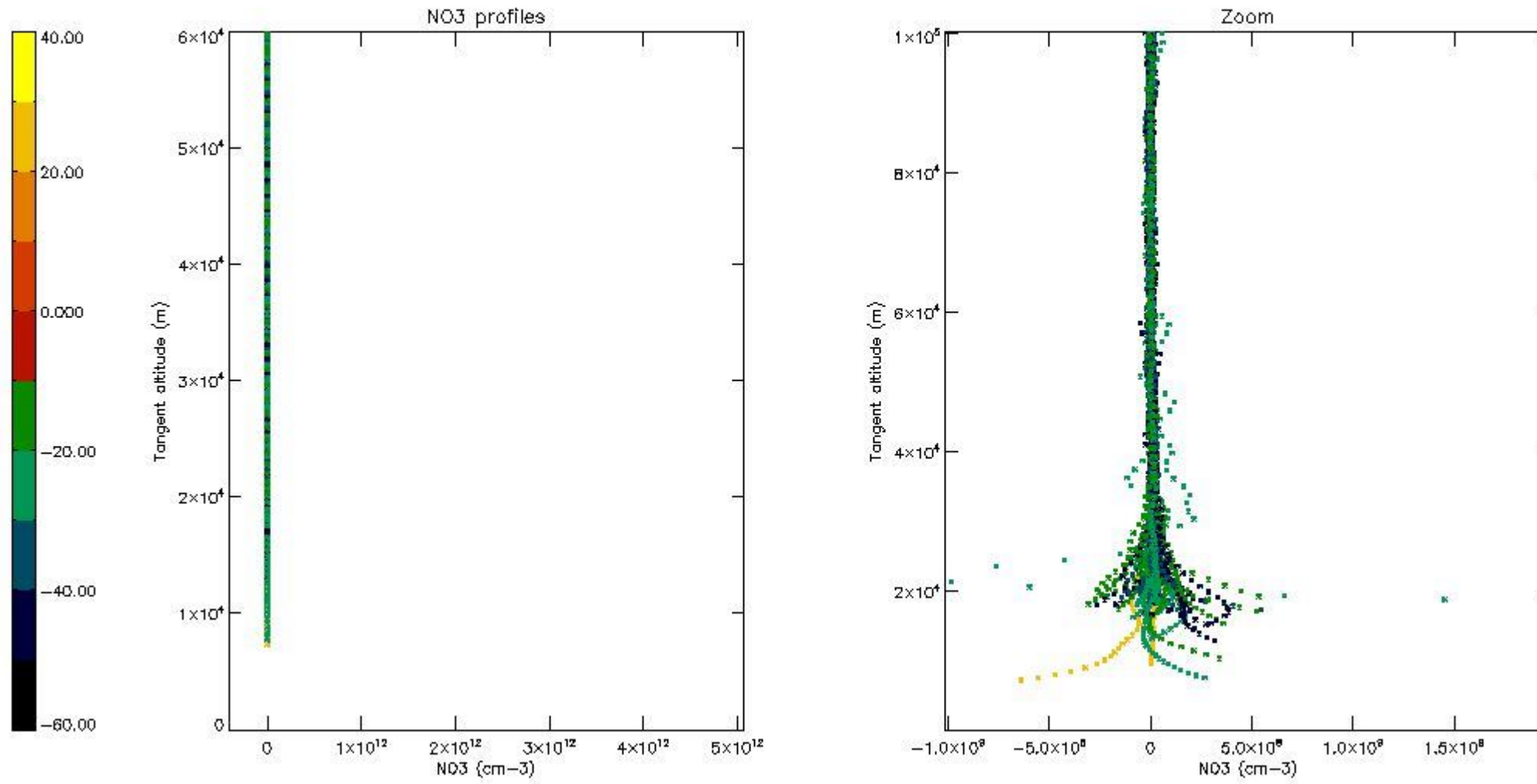
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

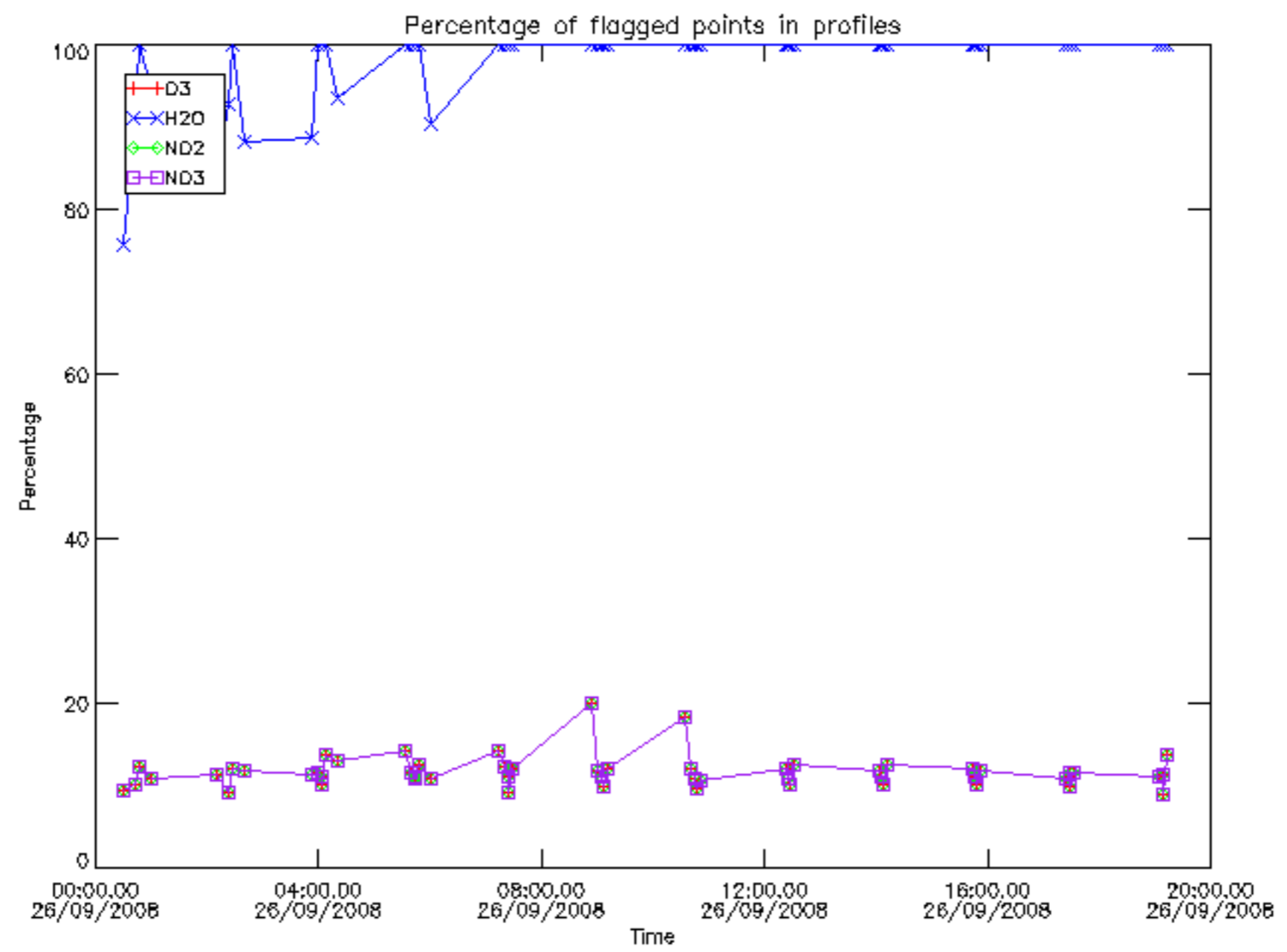


## 6. Auxiliary Data Files used for the production reported in section 2

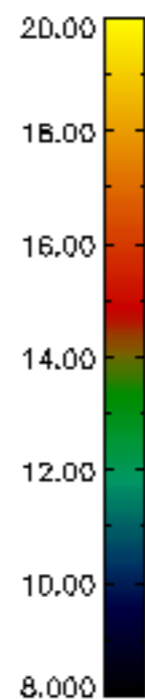
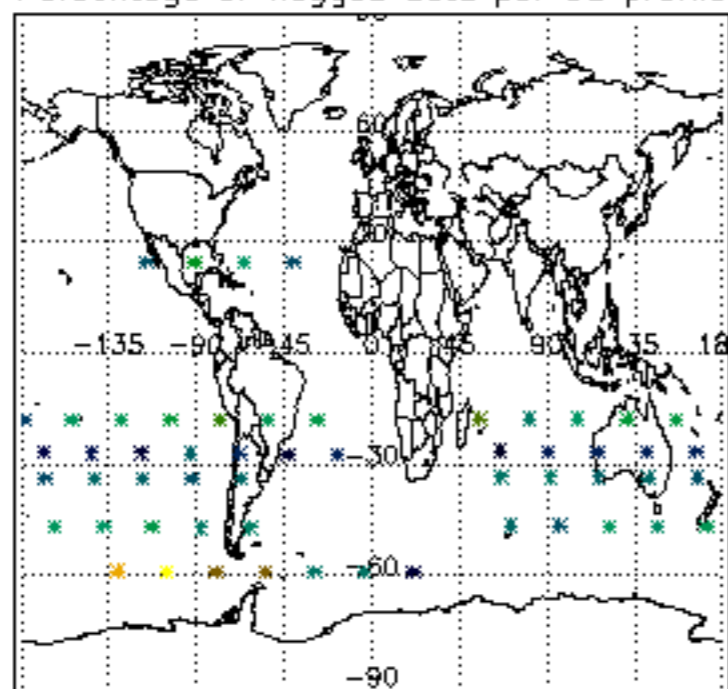
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	26-SEP-2008 00:22:00
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	26-SEP-2008 00:22:00
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	26-SEP-2008 00:22:00

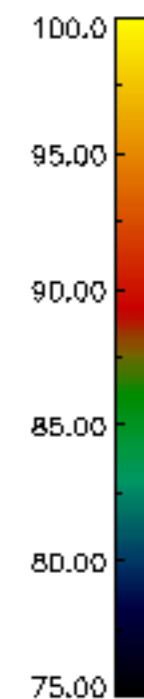
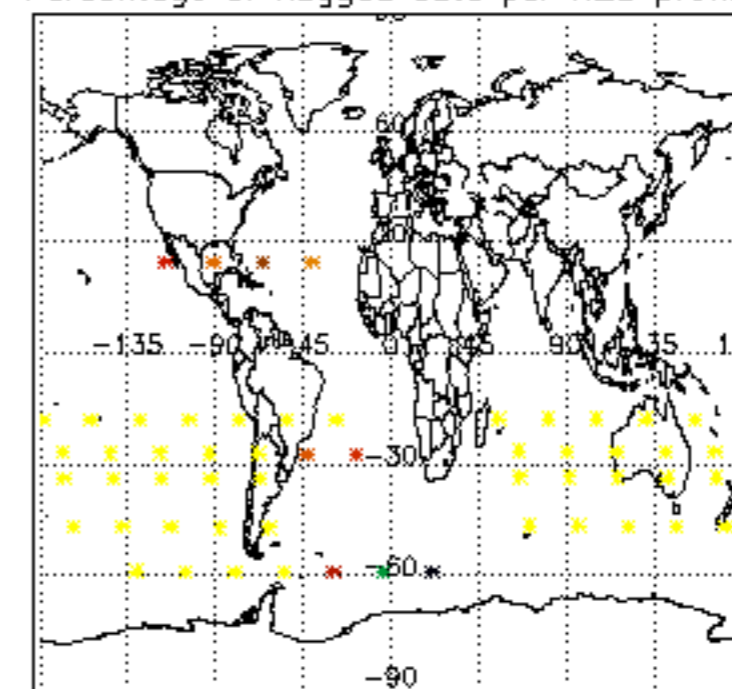




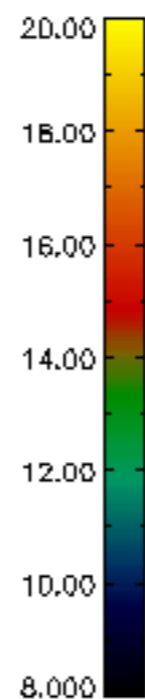
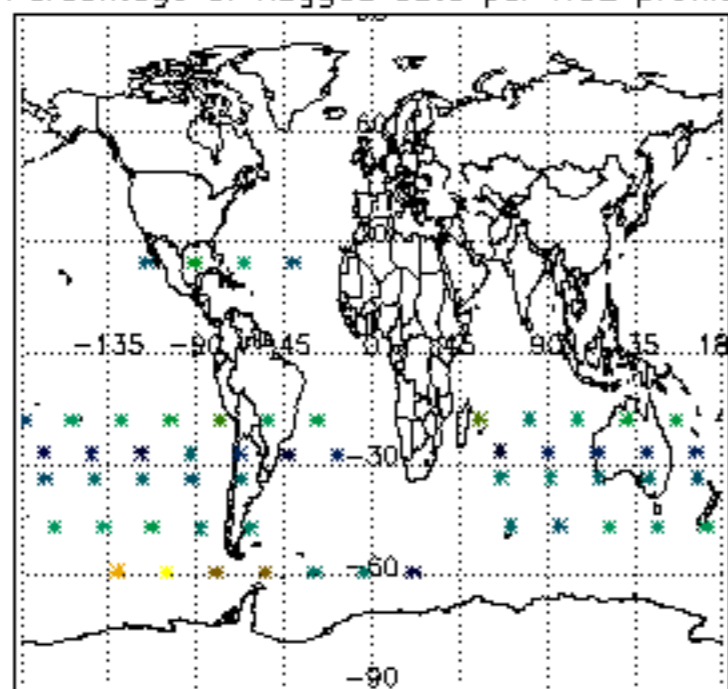
Percentage of flagged data per D3 profile



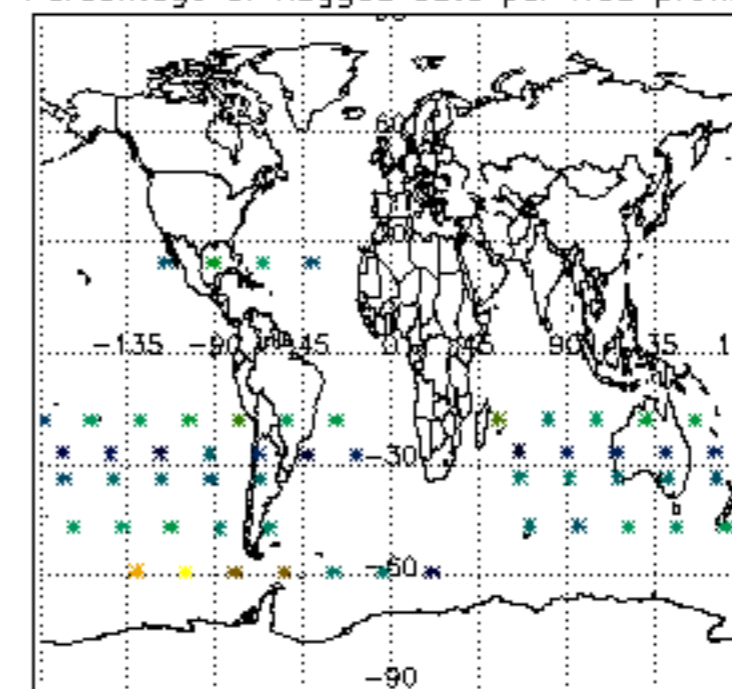
Percentage of flagged data per H2O profile

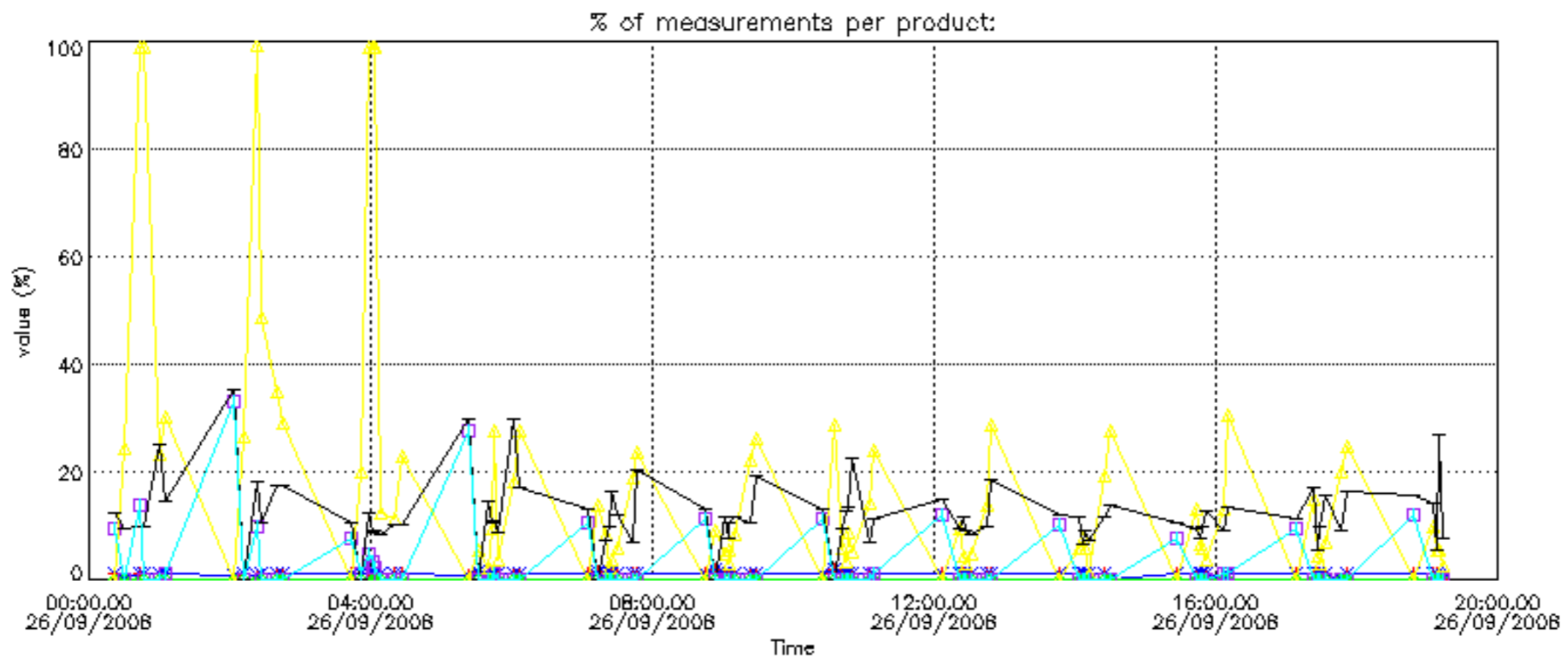
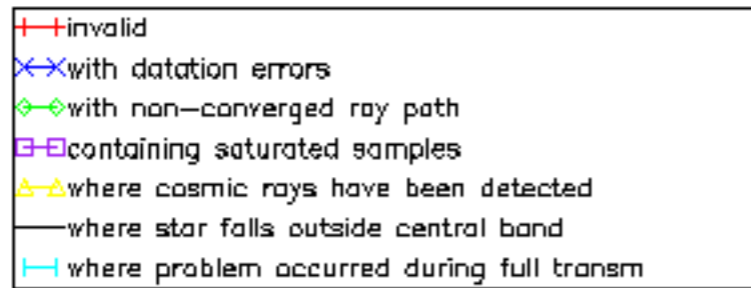


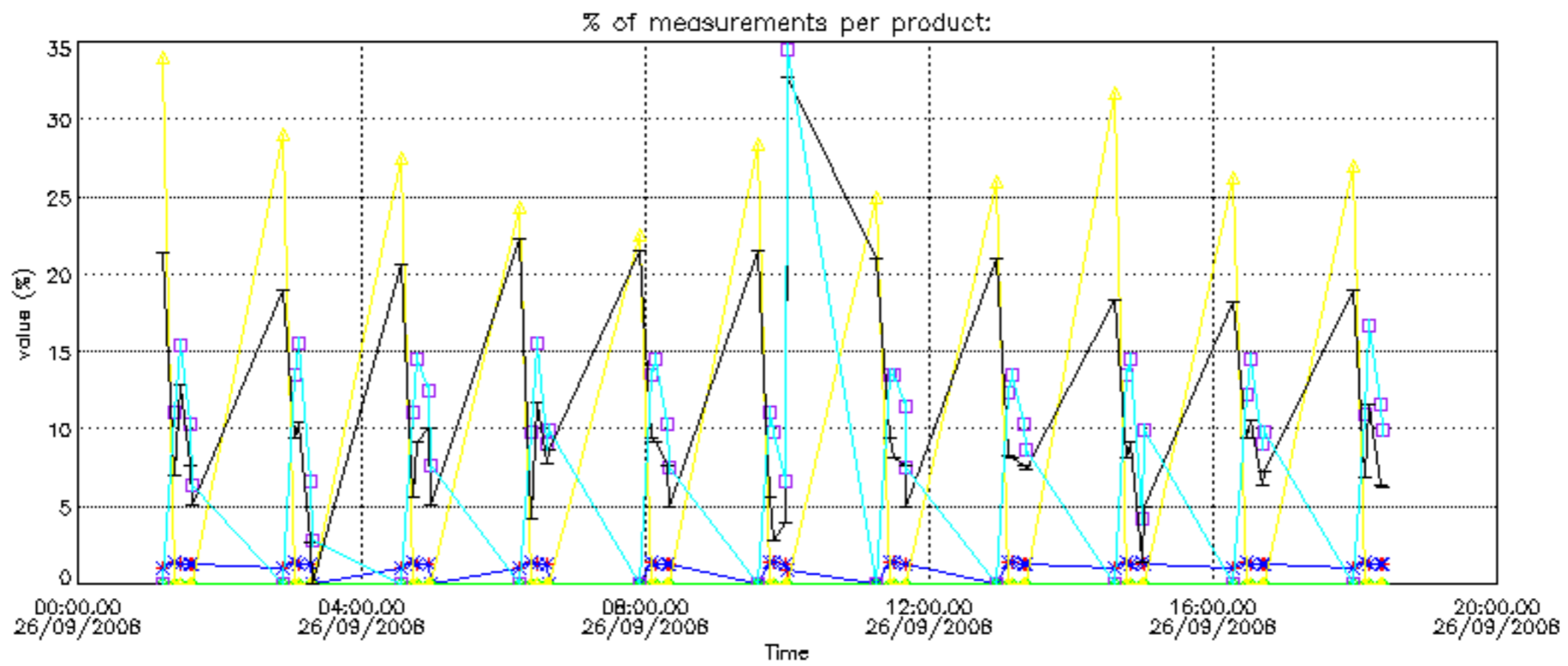
Percentage of flagged data per NO2 profile



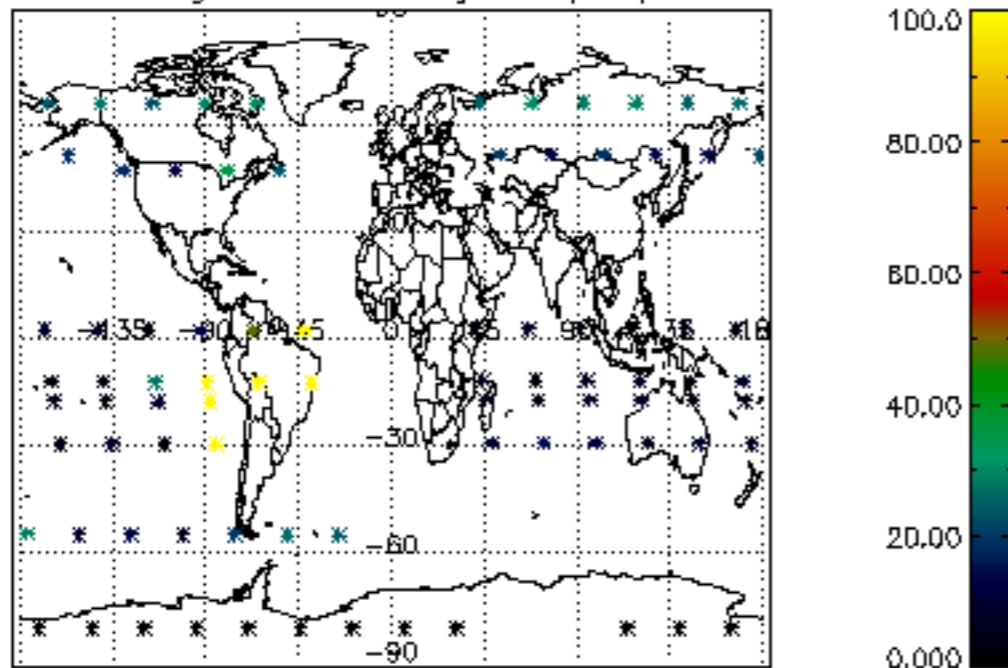
Percentage of flagged data per NO3 profile



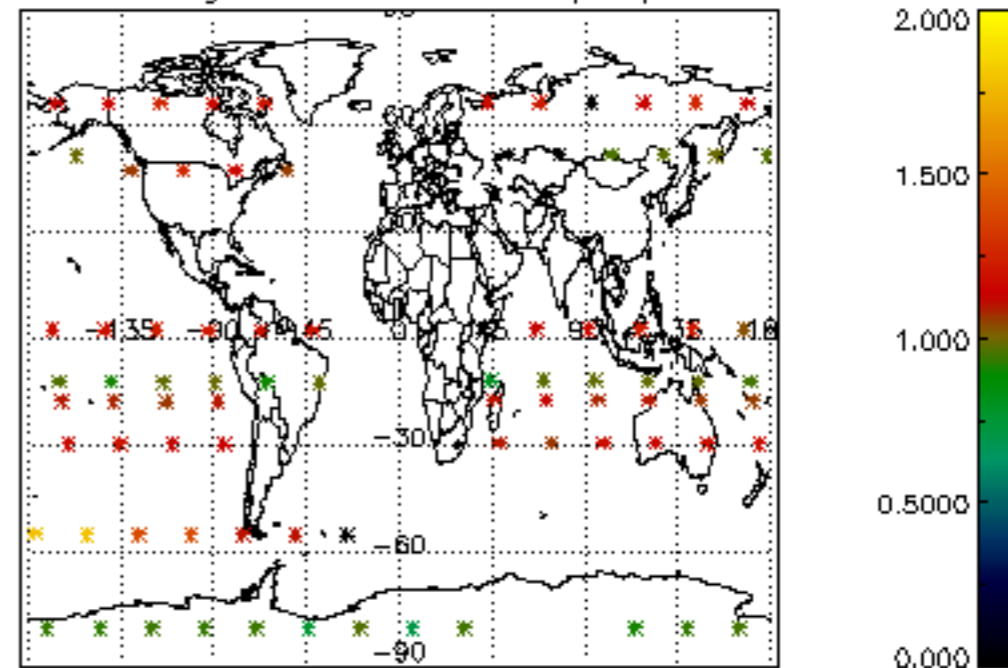




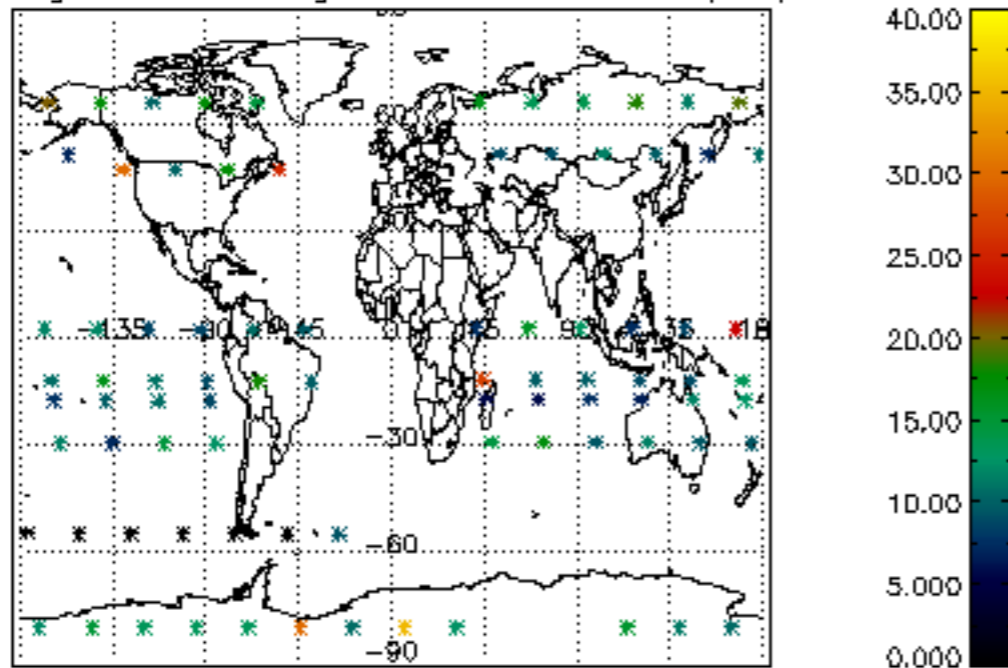
Percentage of cosmic ray hits per profile



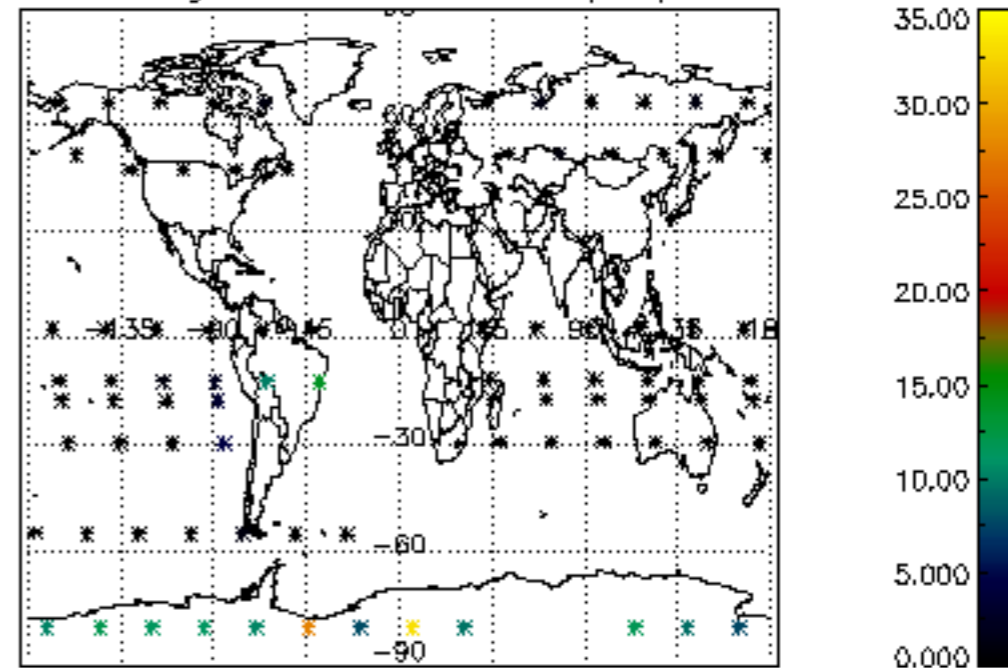
Percentage of datation errors per profile



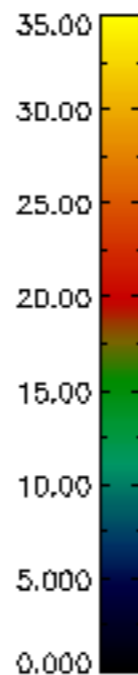
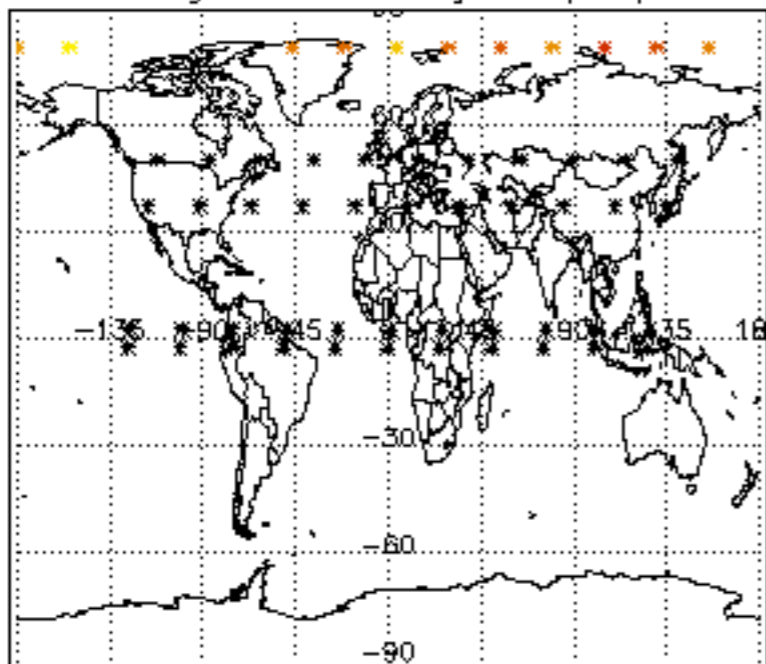
Percentage of star falling outside central band per profile



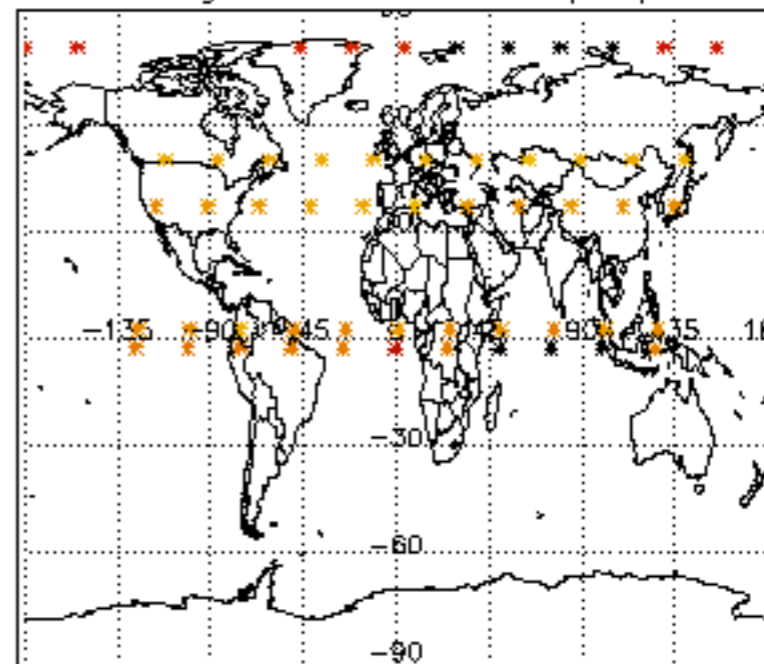
Percentage of saturation errors per profile



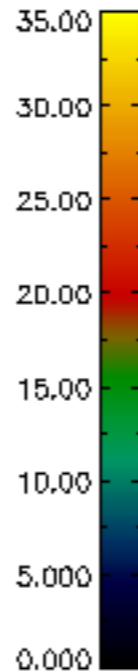
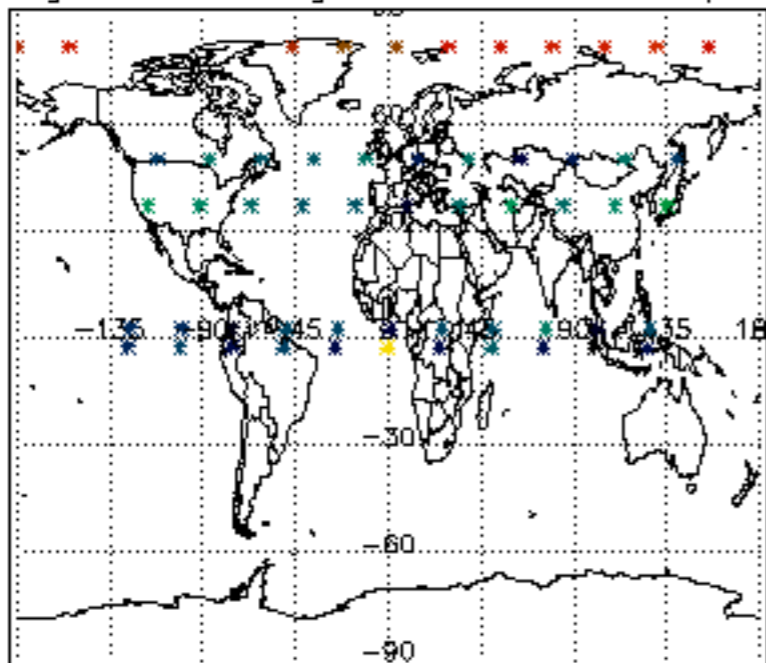
Percentage of cosmic ray hits per profile



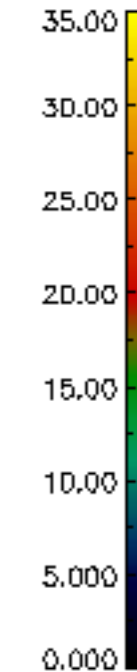
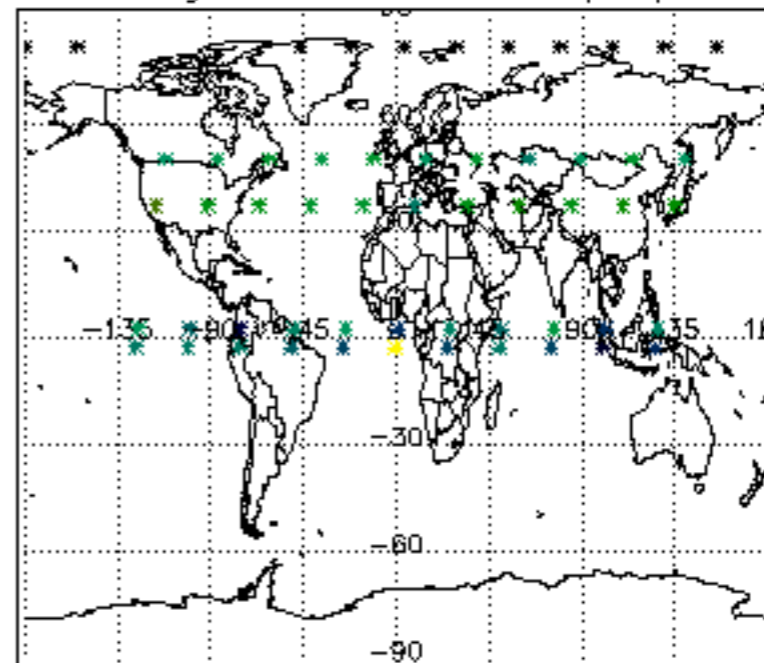
Percentage of datation errors per profile

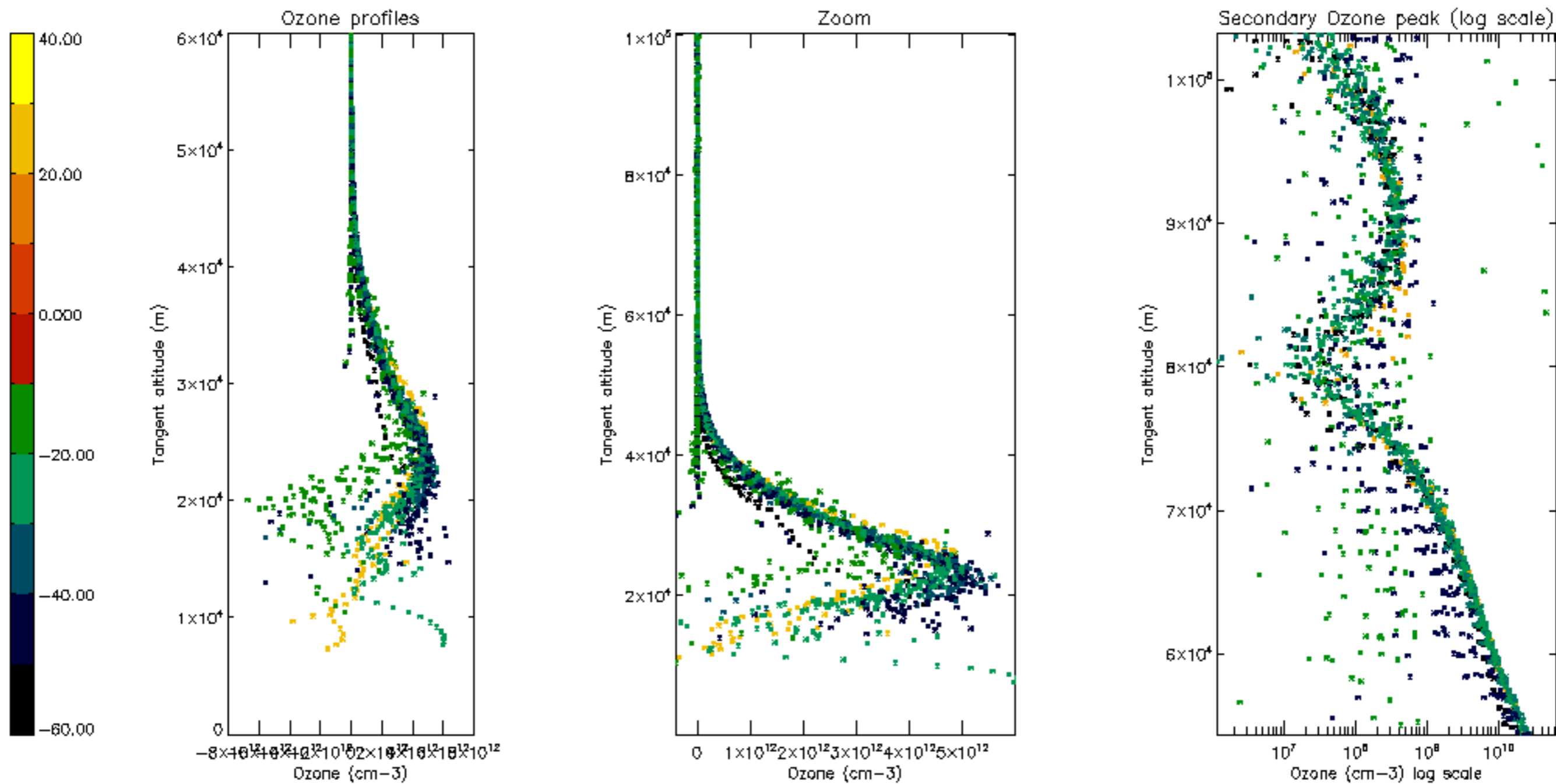


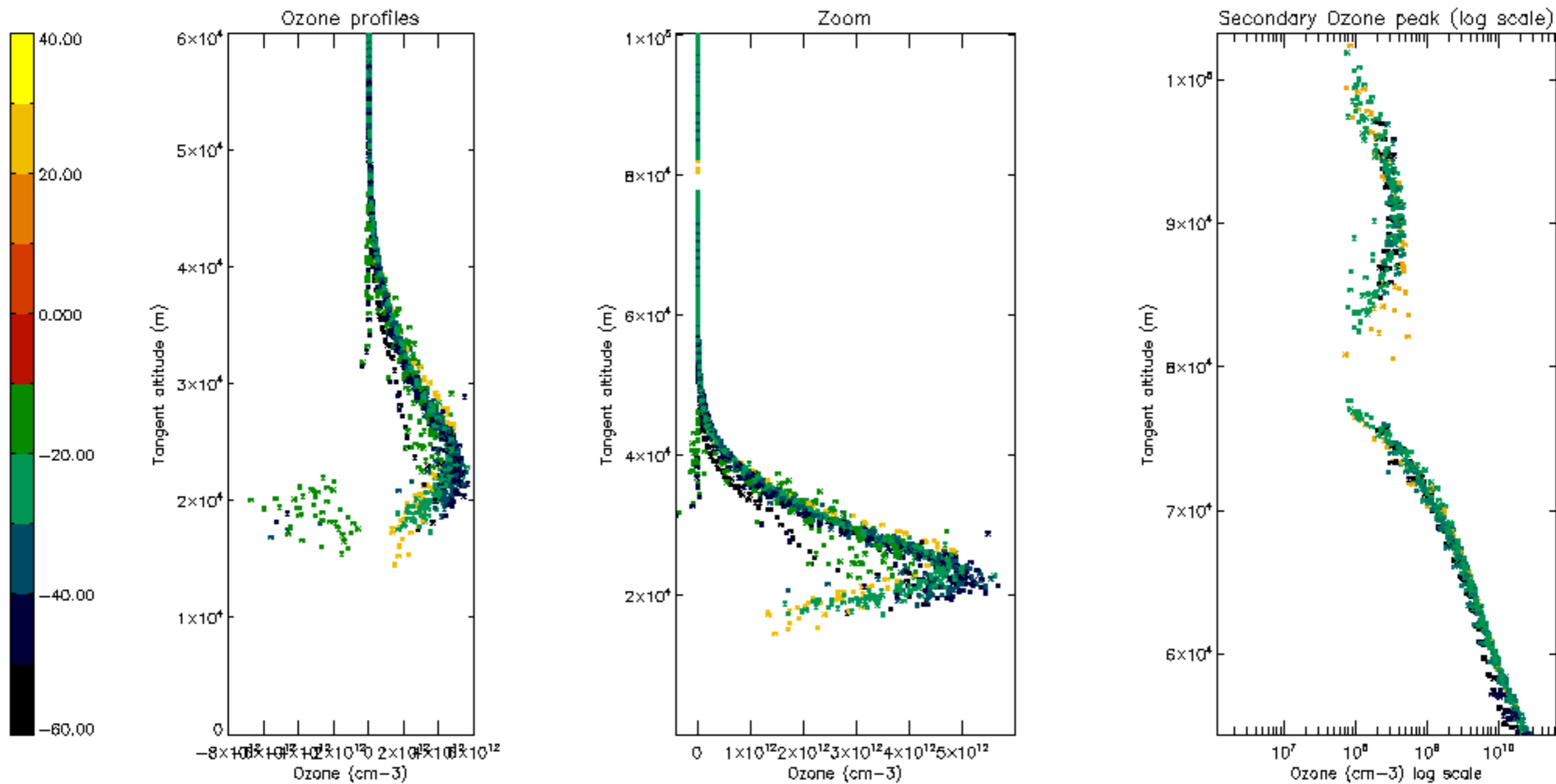
Percentage of star falling outside central band per profile



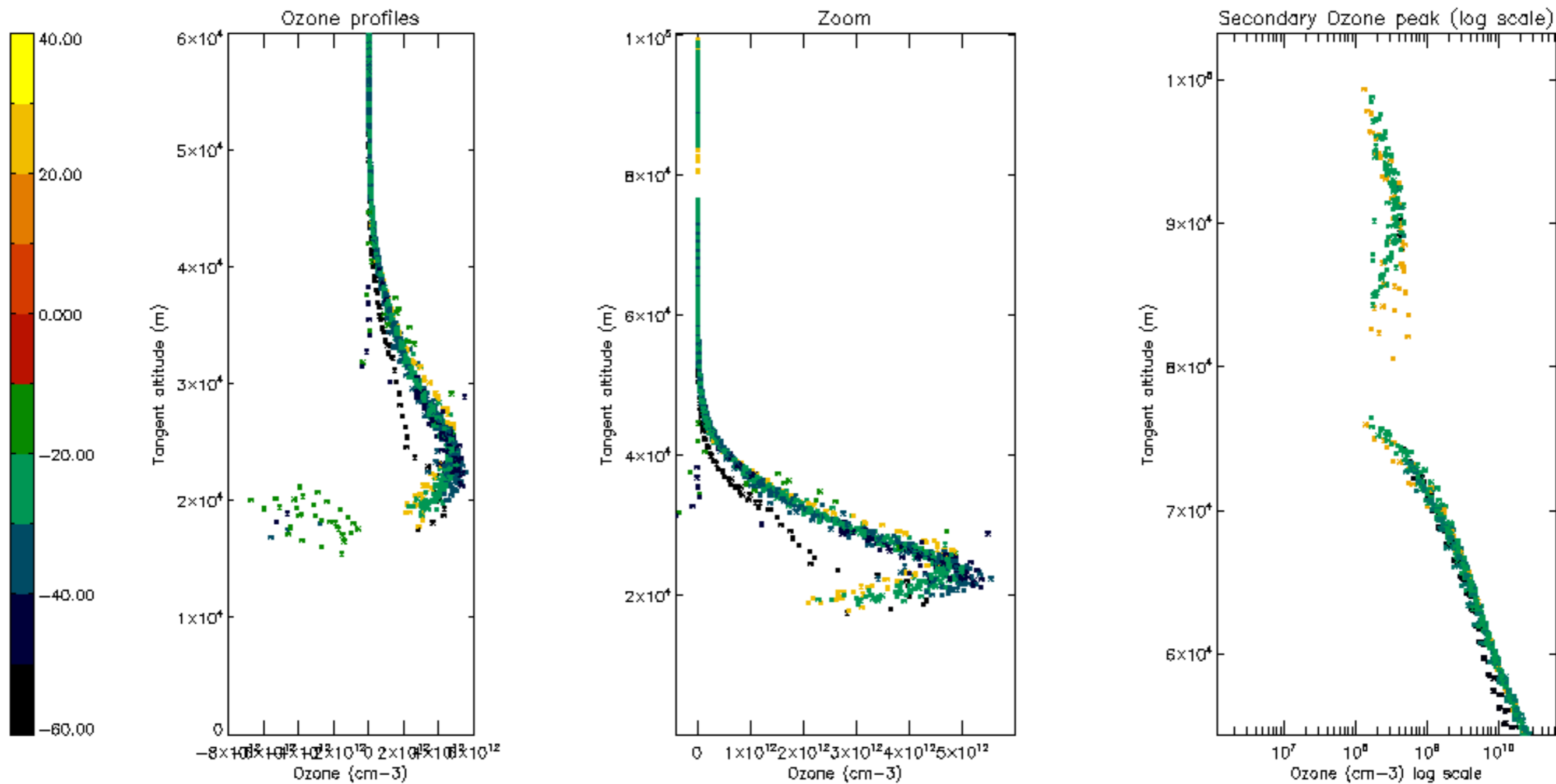
Percentage of saturation errors per profile

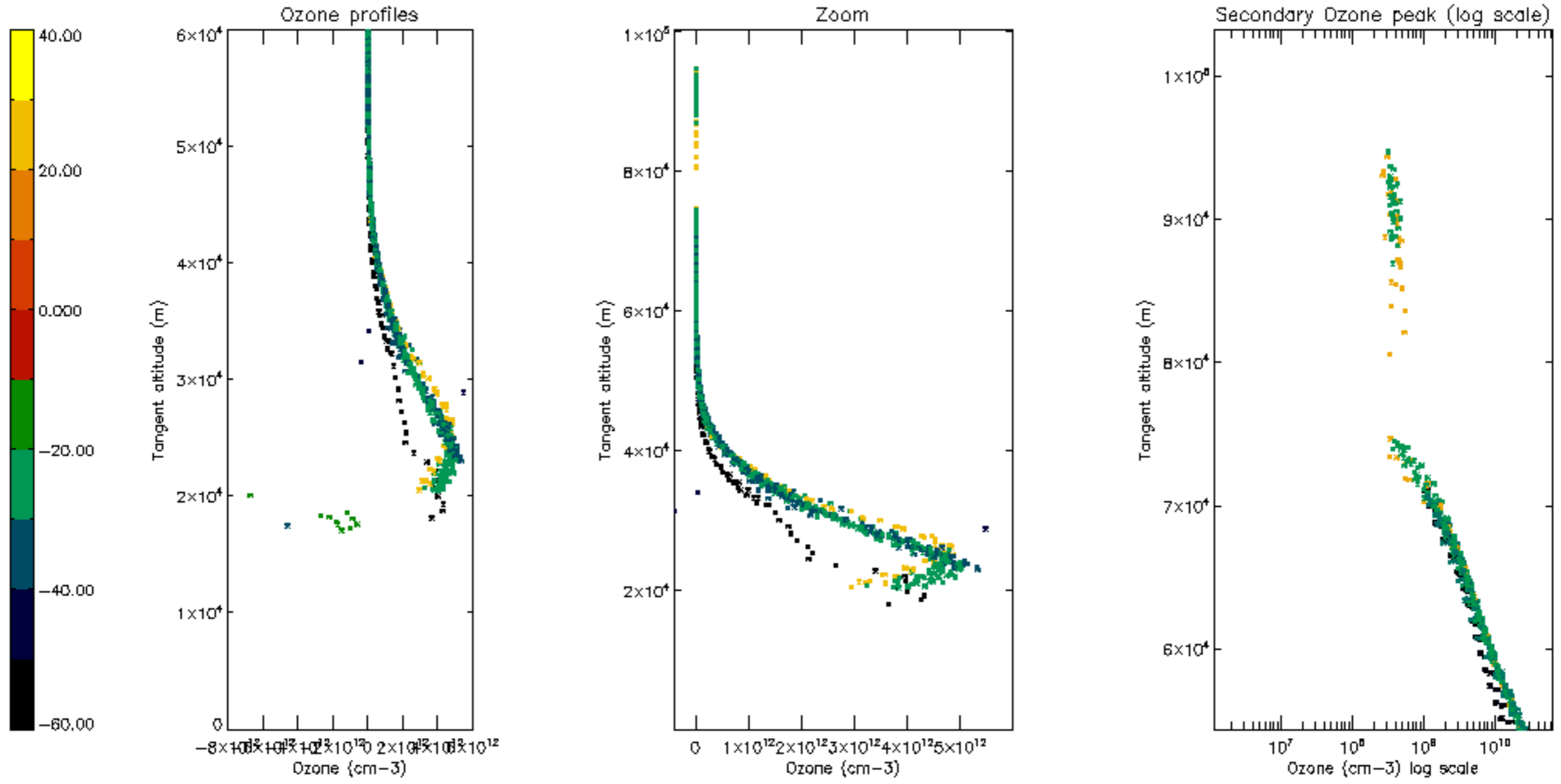


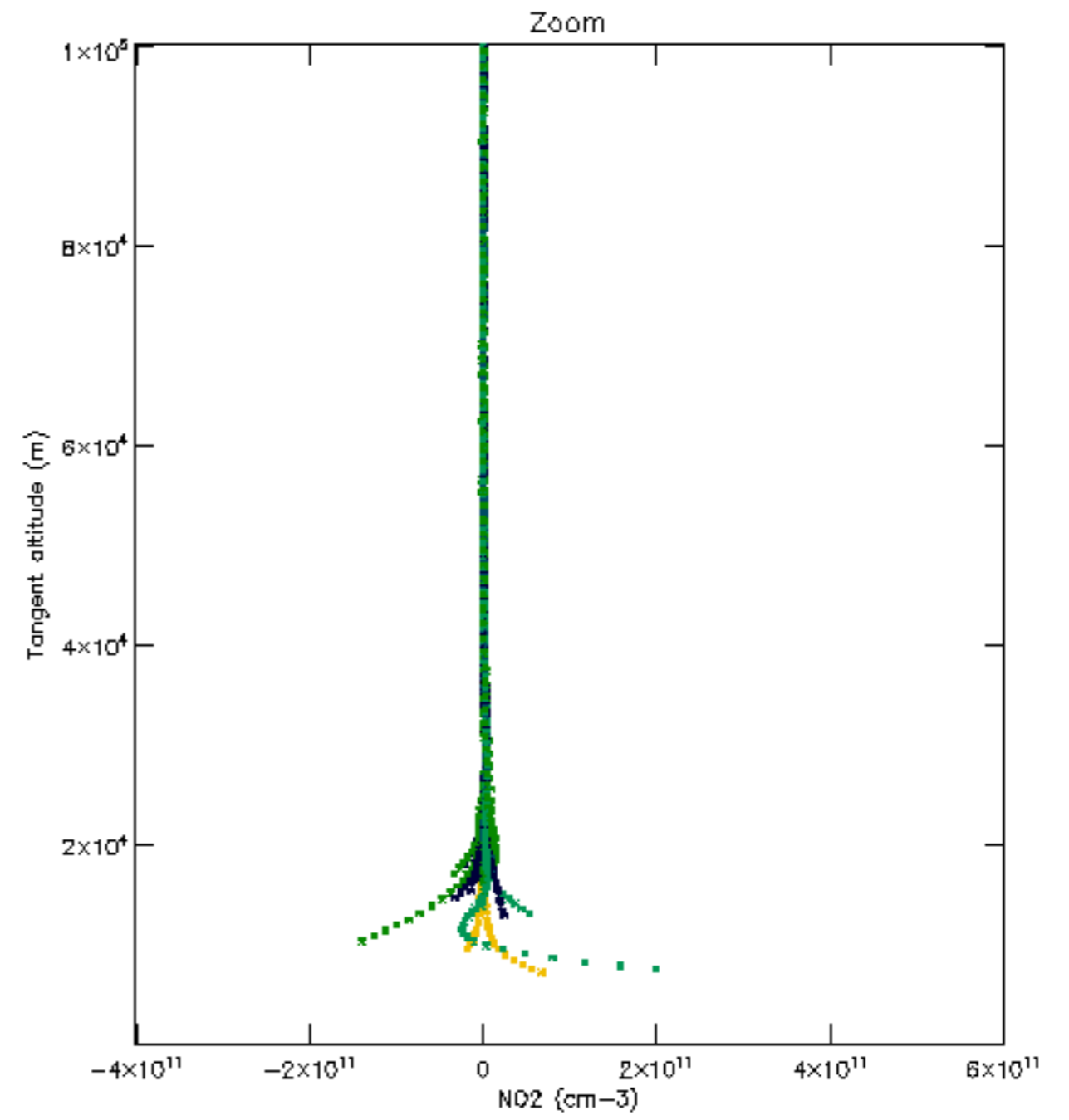
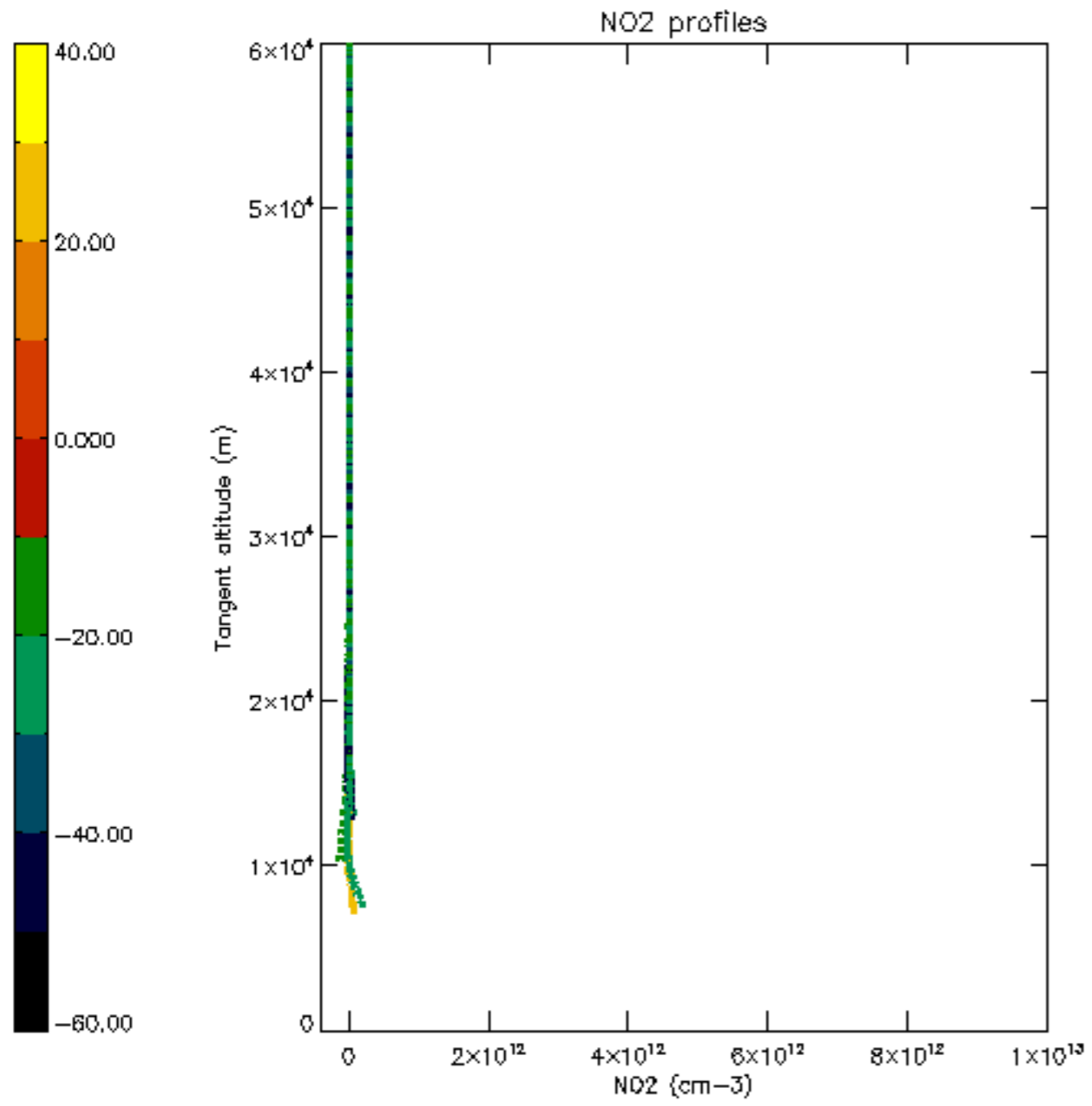


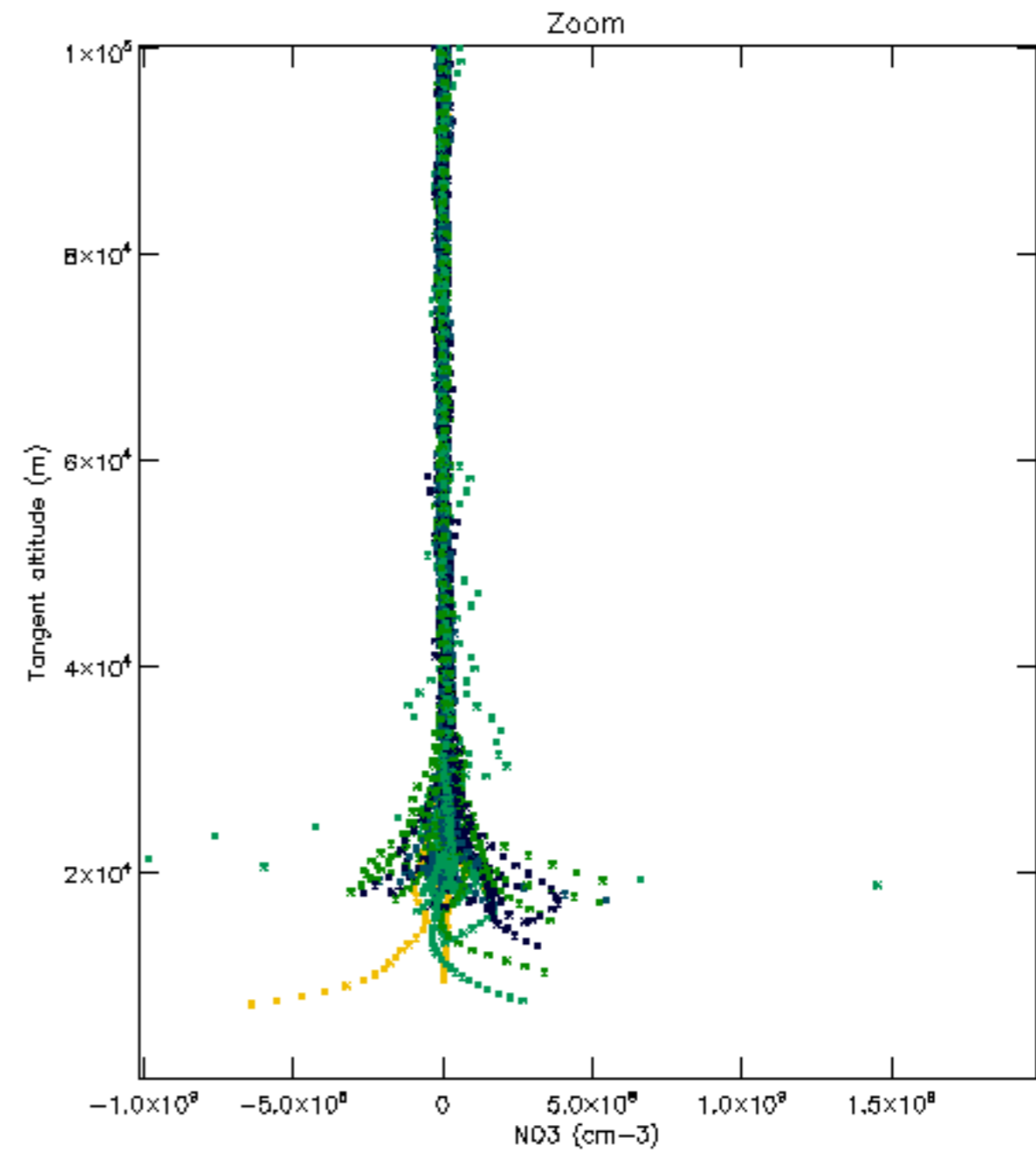
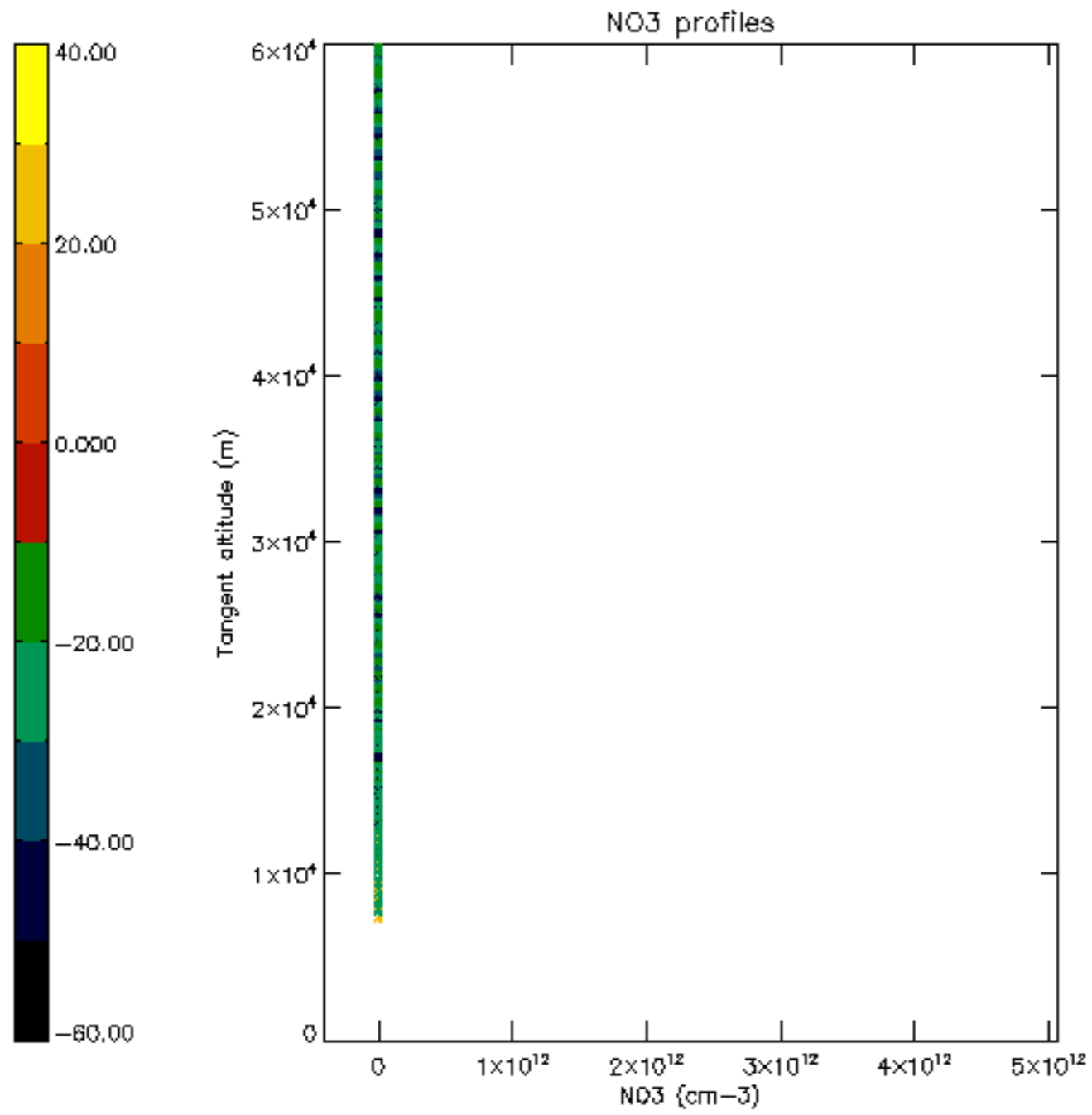


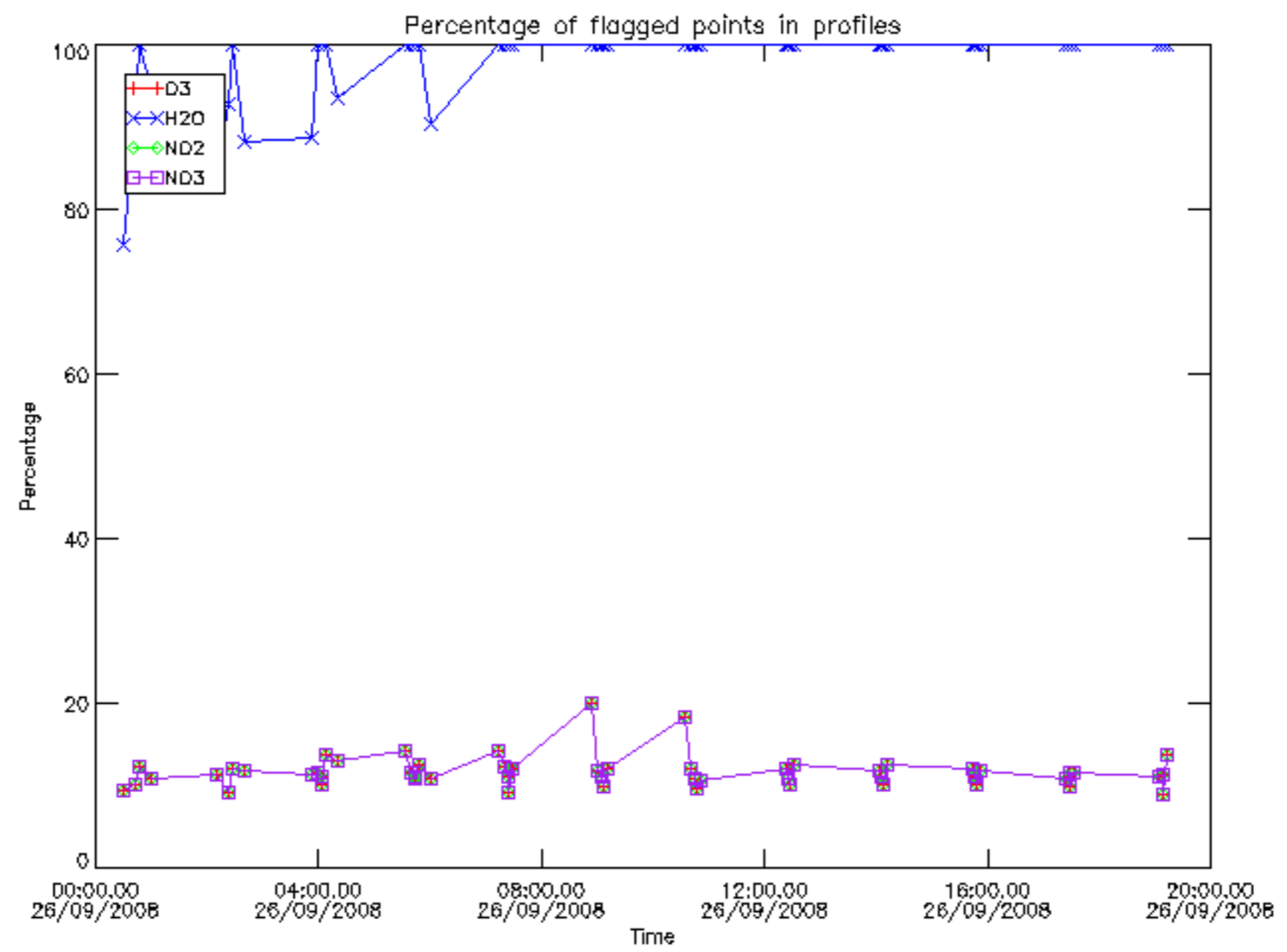




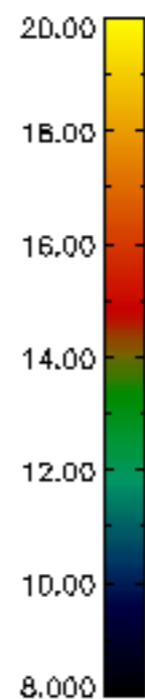
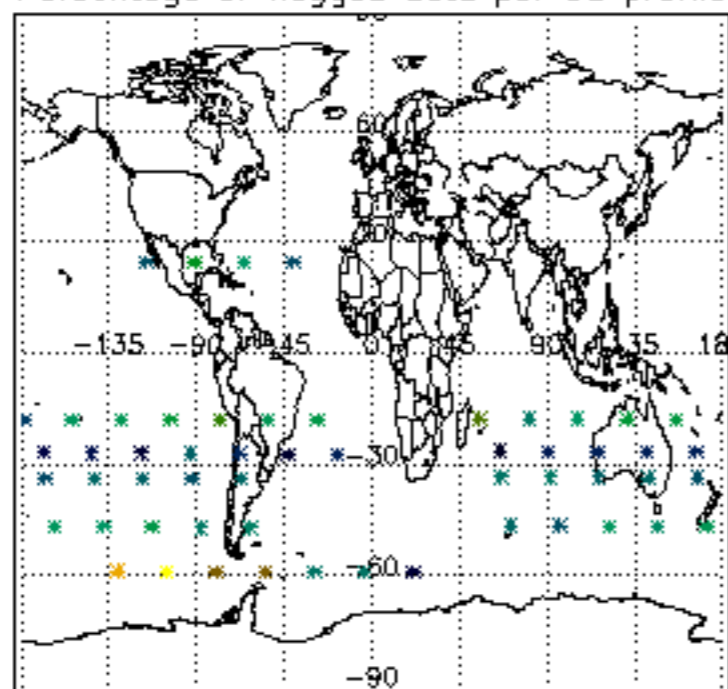




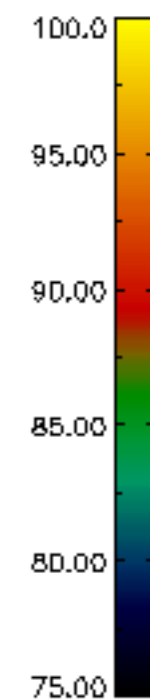
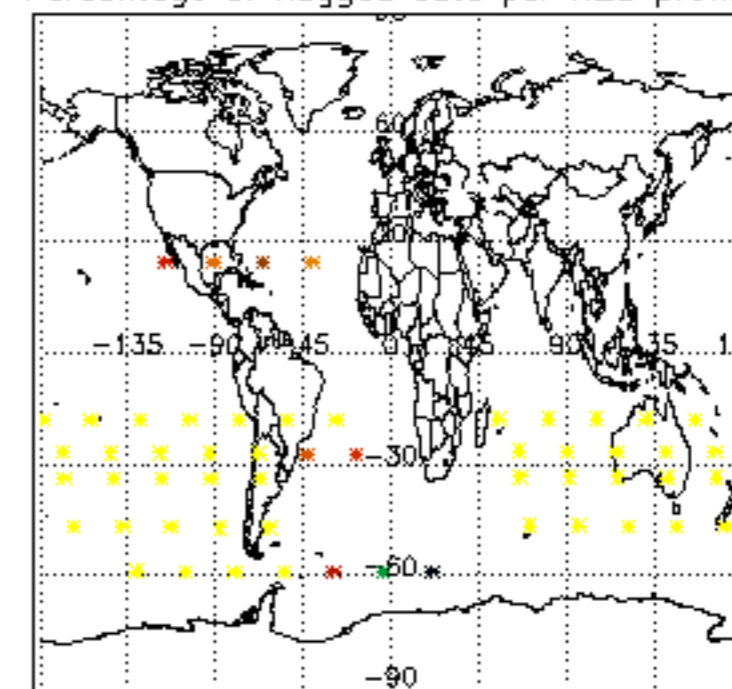




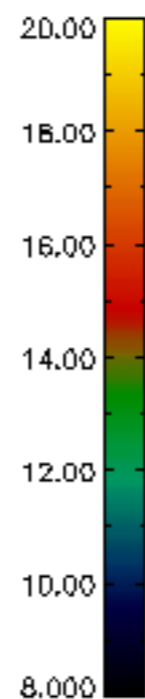
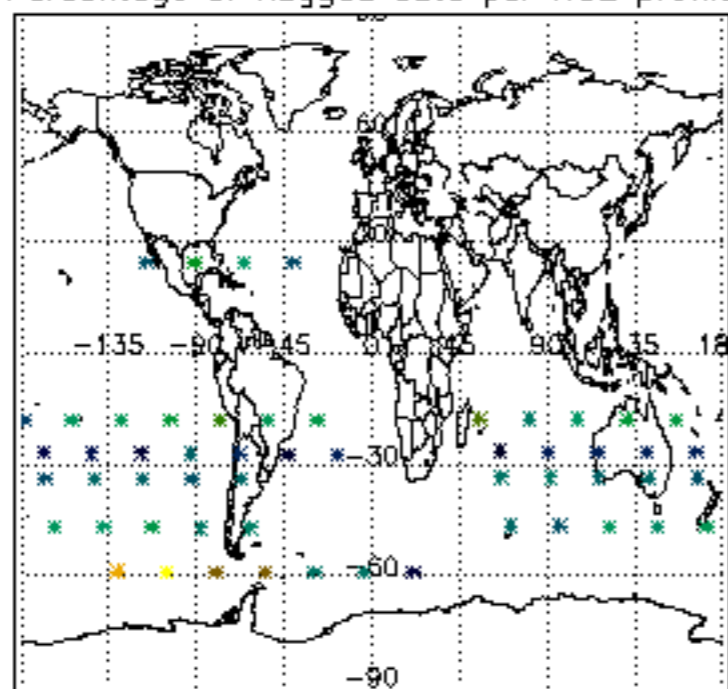
Percentage of flagged data per D3 profile



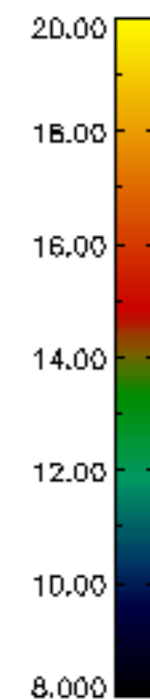
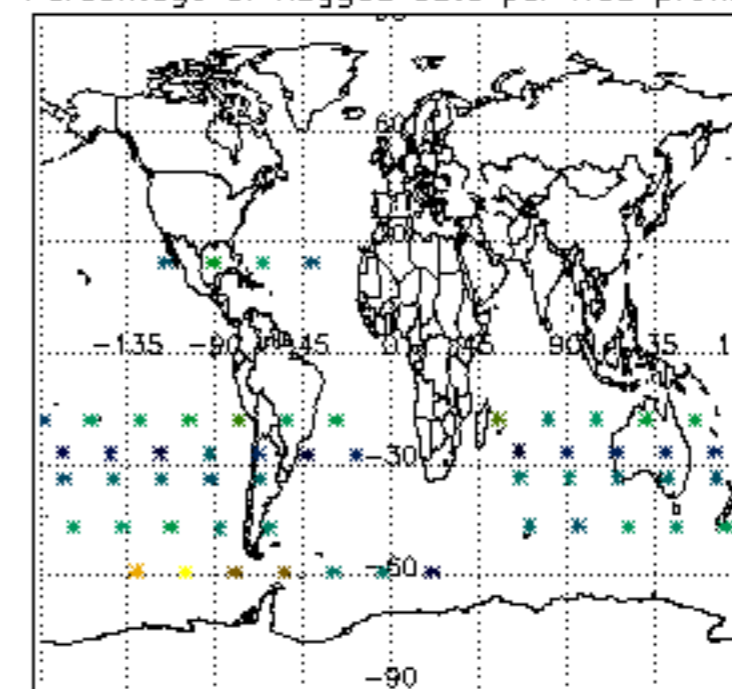
Percentage of flagged data per H2O profile

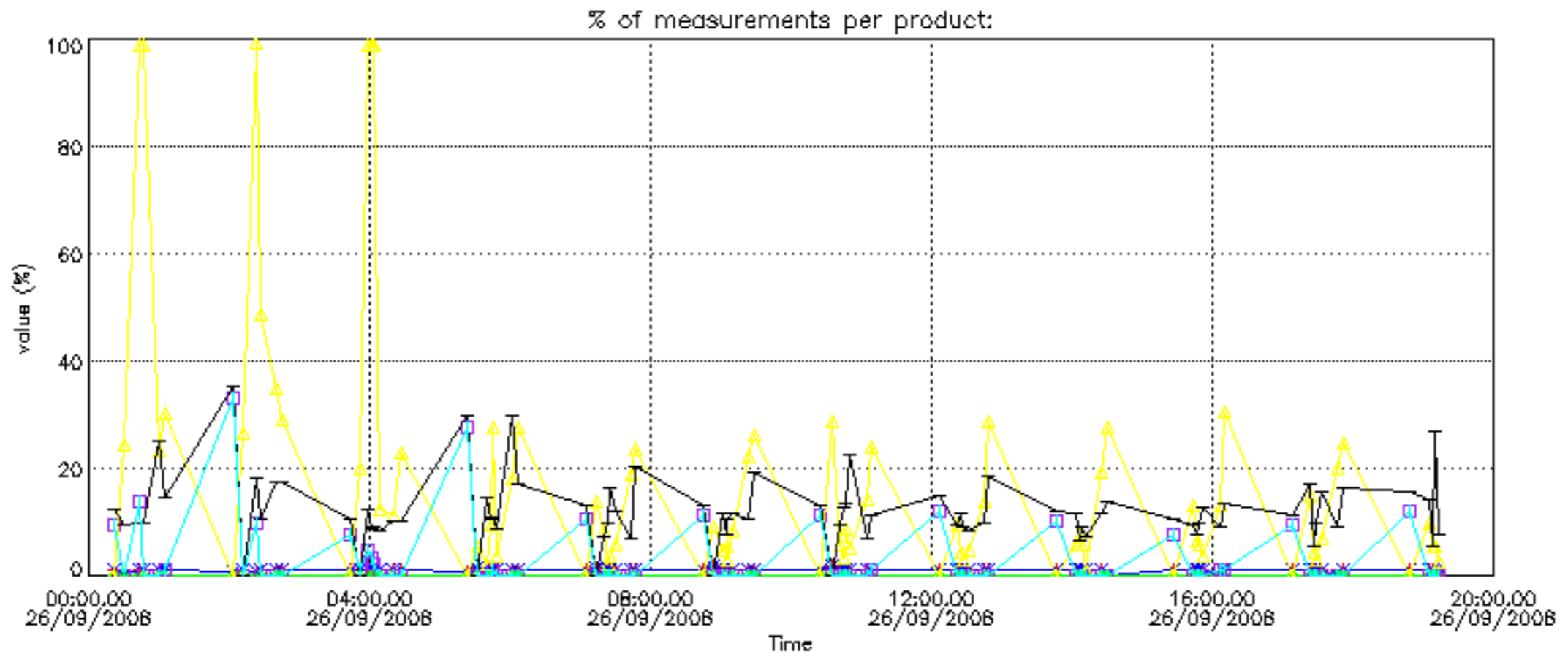


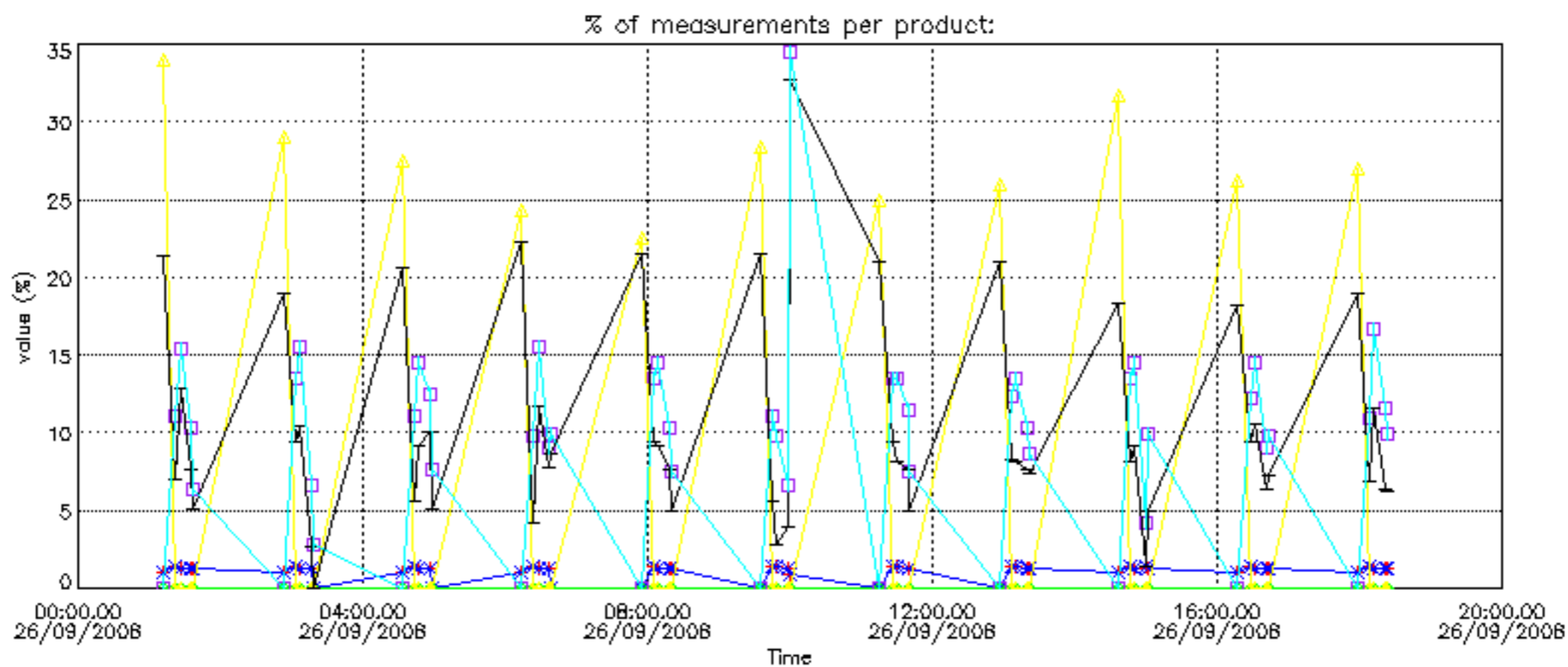
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

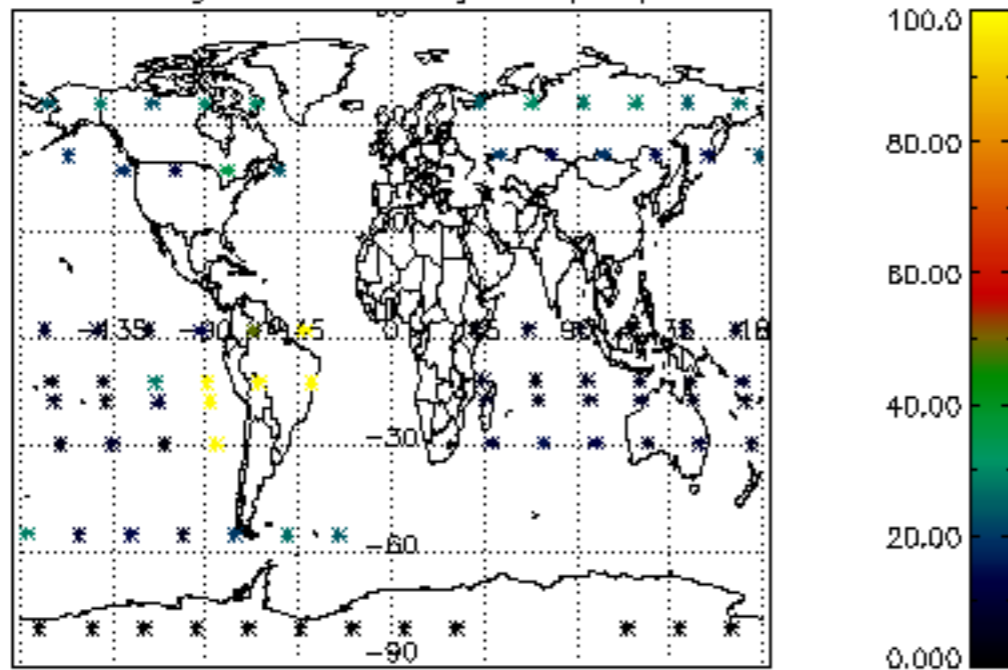




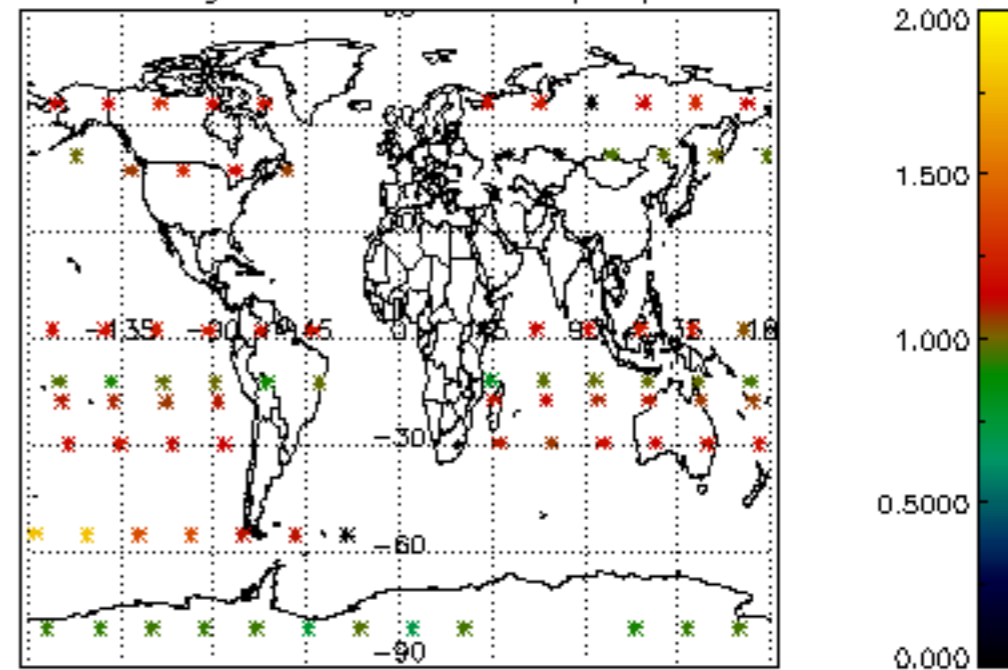




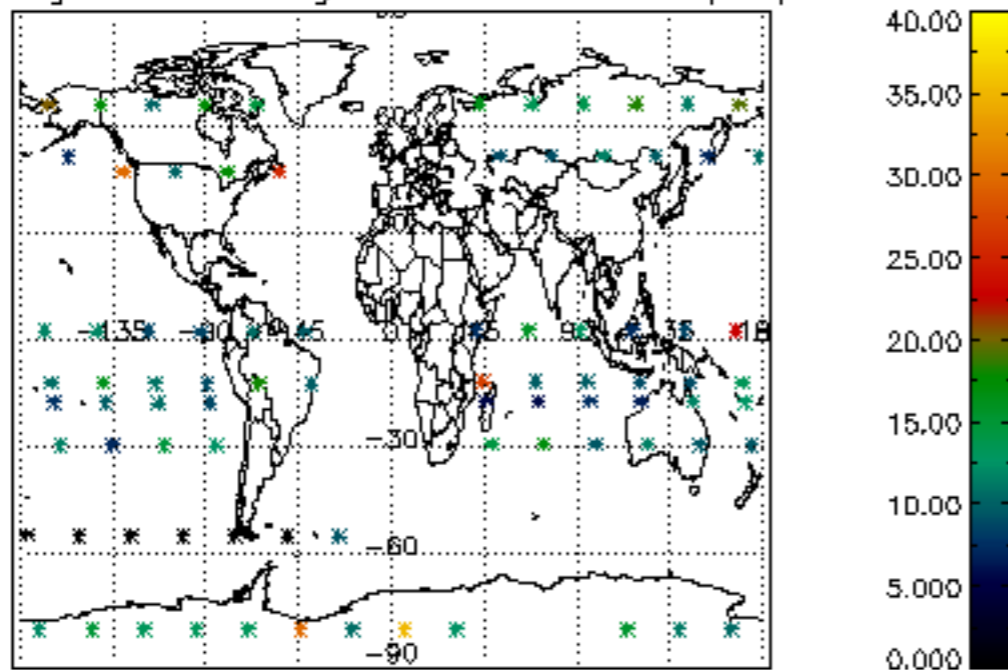
Percentage of cosmic ray hits per profile



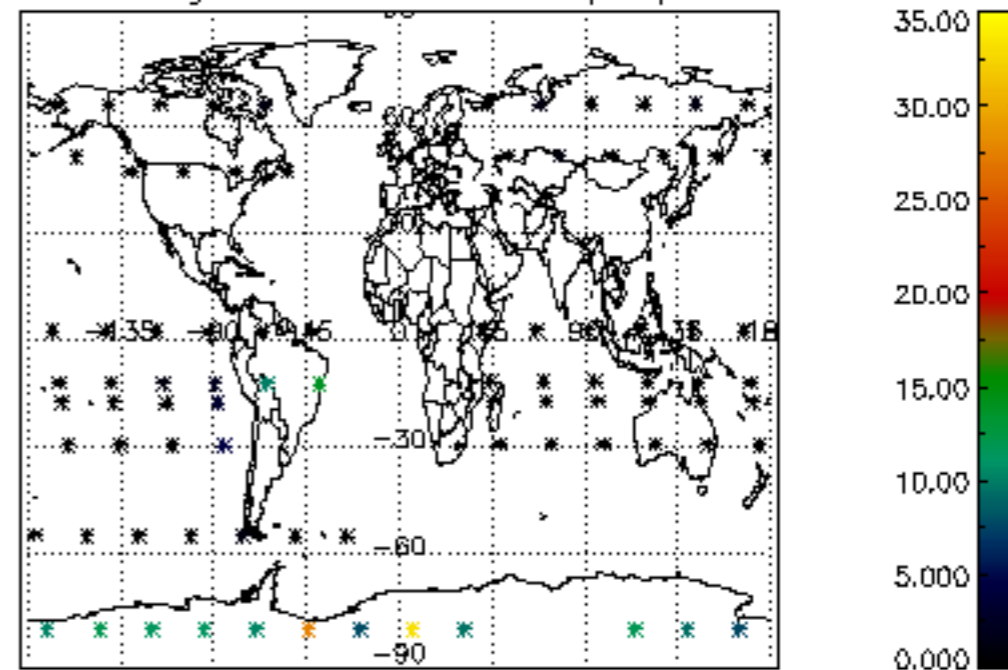
Percentage of datation errors per profile



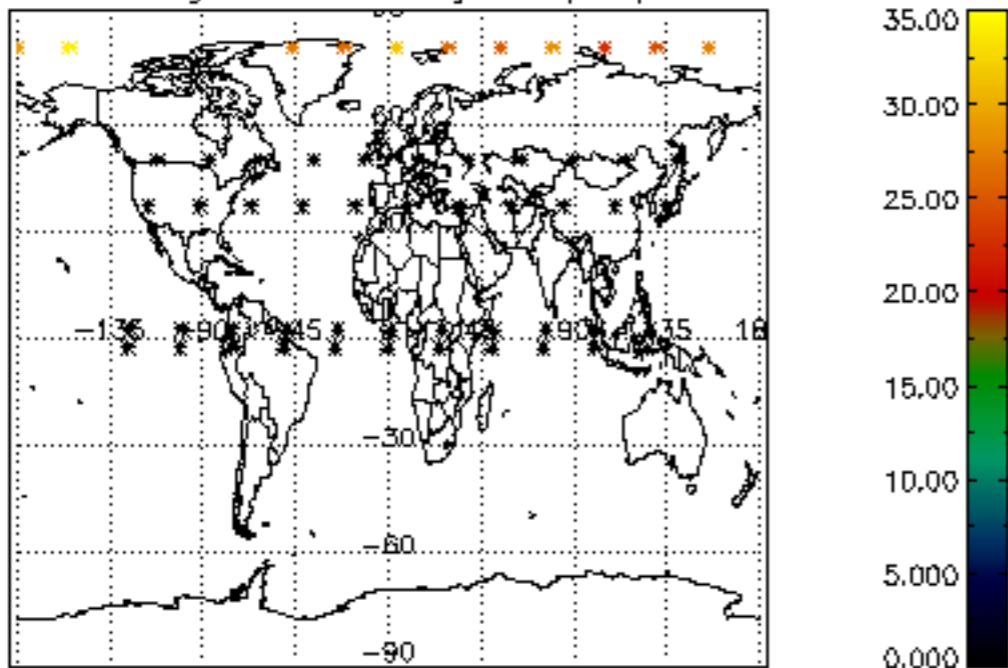
Percentage of star falling outside central band per profile



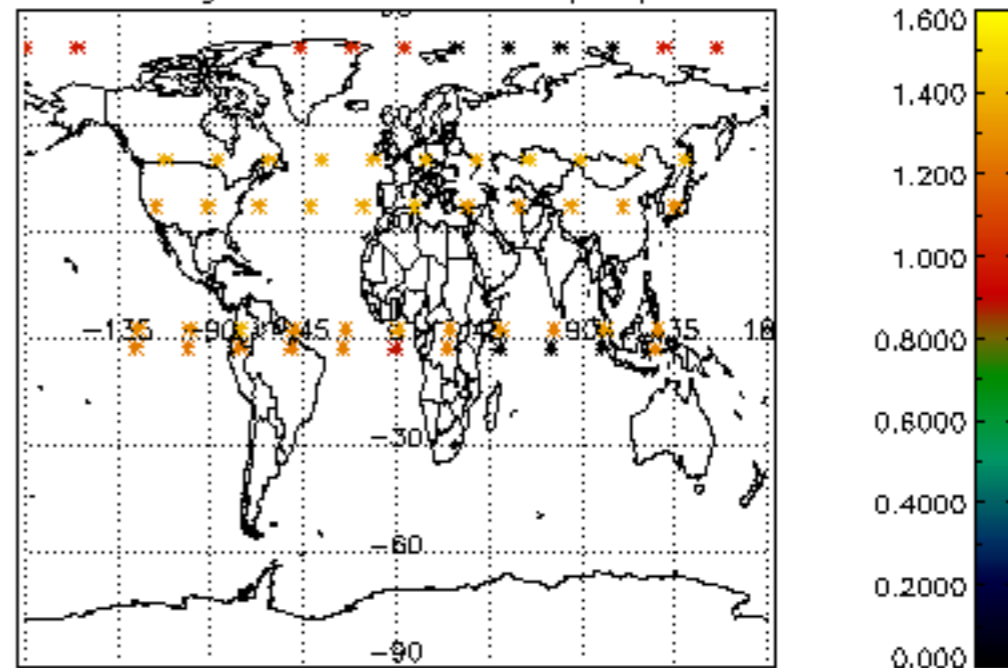
Percentage of saturation errors per profile



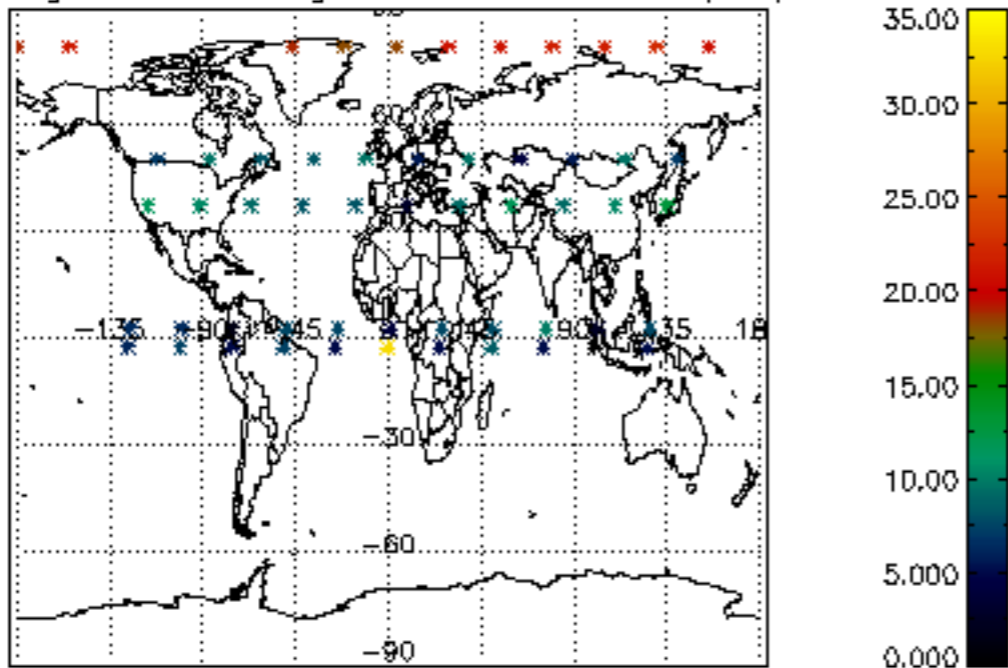
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

