

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 20:12:58
Data source version	GOMOS/6.01
Start time of products	23-09-2008 (23SEP2008 00:00:00)
Stop time of products	24-09-2008 (24SEP2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	201
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__2PRFIN20080923_001447_000000692072_00202_34324_8211.N1	23-SEP-2008 00:14:47	Bright	69.000	24	66Alp Gem	1.5800	10200.	138	34324	No
2	GOM_NL__2PRFIN20080923_002418_000000652072_00202_34324_8212.N1	23-SEP-2008 00:24:18	Dark	64.500	8	10Alp CMi	0.40000	6500.0	129	34324	No
3	GOM_NL__2PRFIN20080923_003137_000000452072_00202_34324_8213.N1	23-SEP-2008 00:31:37	Dark	44.500	132	15Rho Pup	2.8030	6900.0	89	34324	No
4	GOM_NL__2PRFIN20080923_003448_000000462072_00202_34324_8214.N1	23-SEP-2008 00:34:48	Dark	45.500	88	31Eta CMa	2.4480	20000.	91	34324	No
5	GOM_NL__2PRFIN20080923_003611_000000482072_00202_34324_8215.N1	23-SEP-2008 00:36:11	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	34324	No
6	GOM_NL__2PRFIN20080923_004035_000000422072_00203_34325_8215.N1	23-SEP-2008 00:40:35	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	34325	No
7	GOM_NL__2PRFIN20080923_004250_000000342072_00203_34325_8216.N1	23-SEP-2008 00:42:50	Dark	34.000	108	Alp Col	2.6520	15200.	68	34325	No
8	GOM_NL__2PRFIN20080923_005320_000000432072_00203_34325_8217.N1	23-SEP-2008 00:53:20	Dark	42.500	9	Alp Eri	0.45300	24000.	85	34325	No
9	GOM_NL__2PRFIN20080923_005853_000000432072_00203_34325_8218.N1	23-SEP-2008 00:58:53	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34325	No
10	GOM_NL__2PRFIN20080923_010609_000000522072_00203_34325_8219.N1	23-SEP-2008 01:06:09	Twilight	51.500	52	16Bet Cet	2.0370	4500.0	103	34325	No
11	GOM_NL__2PRFIN20080923_011634_000000382072_00203_34325_8220.N1	23-SEP-2008 01:16:34	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	34325	No
12	GOM_NL__2PRFIN20080923_012019_000000402072_00203_34325_8221.N1	23-SEP-2008 01:20:19	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	34325	No
13	GOM_NL__2PRFIN20080923_012143_000000442072_00203_34325_8222.N1	23-SEP-2008 01:21:43	Bright	43.500	58	21Alp And	2.0730	11000.	87	34325	No
14	GOM_NL__2PRFIN20080923_013011_000000392072_00203_34325_8223.N1	23-SEP-2008 01:30:11	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	34325	No
15	GOM_NL__2PRFIN20080923_013146_000000372072_00203_34325_8224.N1	23-SEP-2008 01:31:46	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	34325	No
16	GOM_NL__2PRFIN20080923_015523_000000692072_00203_34325_8225.N1	23-SEP-2008 01:55:23	Bright	68.500	24	66Alp Gem	1.5800	10200.	137	34325	No
17	GOM_NL__2PRFIN20080923_020455_000000622072_00203_34325_8226.N1	23-SEP-2008 02:04:55	Dark	62.000	8	10Alp CMi	0.40000	6500.0	124	34325	No
18	GOM_NL__2PRFIN20080923_021214_000000462072_00203_34325_8227.N1	23-SEP-2008 02:12:14	Dark	46.000	132	15Rho Pup	2.8030	6900.0	92	34325	No
19	GOM_NL__2PRFIN20080923_021525_000000472072_00203_34325_8228.N1	23-SEP-2008 02:15:25	Dark	47.000	88	31Eta CMa	2.4480	20000.	94	34325	No
20	GOM_NL__2PRFIN20080923_021648_000000492072_00203_34325_8229.N1	23-SEP-2008 02:16:48	Dark	48.500	23	21Eps CMa	1.5020	26000.	97	34325	No
21	GOM_NL__2PRFIN20080923_022112_000000422072_00204_34326_8233.N1	23-SEP-2008 02:21:12	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	34326	No
22	GOM_NL__2PRFIN20080923_022328_000000312072_00204_34326_8234.N1	23-SEP-2008 02:23:28	Dark	31.000	108	Alp Col	2.6520	15200.	62	34326	No
23	GOM_NL__2PRFIN20080923_023356_000000442072_00204_34326_8235.N1	23-SEP-2008 02:33:56	Dark	43.500	9	Alp Eri	0.45300	24000.	87	34326	No
24	GOM_NL__2PRFIN20080923_023929_000000432072_00204_34326_8236.N1	23-SEP-2008 02:39:29	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34326	No
25	GOM_NL__2PRFIN20080923_024645_000000542072_00204_34326_8237.N1	23-SEP-2008 02:46:45	Twilight	53.500	52	16Bet Cet	2.0370	4500.0	107	34326	No
26	GOM_NL__2PRFIN20080923_025710_000000382072_00204_34326_8238.N1	23-SEP-2008 02:57:10	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	34326	No
27	GOM_NL__2PRFIN20080923_030054_000000392072_00204_34326_8239.N1	23-SEP-2008 03:00:54	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34326	No
28	GOM_NL__2PRFIN20080923_030218_000000432072_00204_34326_8240.N1	23-SEP-2008 03:02:18	Bright	42.500	58	21Alp And	2.0730	11000.	85	34326	No
29	GOM_NL__2PRFIN20080923_031047_000000382072_00204_34326_8241.N1	23-SEP-2008 03:10:47	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	34326	No
30	GOM_NL__2PRFIN20080923_031222_000000372072_00204_34326_8242.N1	23-SEP-2008 03:12:22	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	34326	No
31	GOM_NL__2PRFIN20080923_033717_000000512072_00204_34326_8243.N1	23-SEP-2008 03:37:17	Bright	50.500	17	78Bet Gem	1.1610	4500.0	101	34326	No
32	GOM_NL__2PRFIN20080923_034532_000000572072_00204_34326_8244.N1	23-SEP-2008 03:45:32	Dark	56.500	8	10Alp CMi	0.40000	6500.0	113	34326	No
33	GOM_NL__2PRFIN20080923_035250_000000422072_00204_34326_8245.N1	23-SEP-2008 03:52:50	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	34326	No
34	GOM_NL__2PRFIN20080923_035602_000000462072_00204_34326_8246.N1	23-SEP-2008 03:56:02	Dark	45.500	88	31Eta CMa	2.4480	20000.	91	34326	No
35	GOM_NL__2PRFIN20080923_035725_000000502072_00204_34326_8247.N1	23-SEP-2008 03:57:25	Dark	50.000	23	21Eps CMa	1.5020	26000.	100	34326	No
36	GOM_NL__2PRFIN20080923_040405_000000312072_00205_34327_8248.N1	23-SEP-2008 04:04:05	Dark	31.000	108	Alp Col	2.6520	15200.	62	34327	No
37	GOM_NL__2PRFIN20080923_041433_000000452072_00205_34327_8249.N1	23-SEP-2008 04:14:33	Dark	44.500	9	Alp Eri	0.45300	24000.	89	34327	No
38	GOM_NL__2PRFIN20080923_042006_000000432072_00205_34327_8250.N1	23-SEP-2008 04:20:06	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34327	No
39	GOM_NL__2PRFIN20080923_042721_000000512072_00205_34327_8251.N1	23-SEP-2008 04:27:21	Twilight	50.500	52	16Bet Cet	2.0370	4500.0	101	34327	No
40	GOM_NL__2PRFIN20080923_043746_000000382072_00205_34327_8252.N1	23-SEP-2008 04:37:46	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	34327	No
41	GOM_NL__2PRFIN20080923_044130_000000372072_00205_34327_8253.N1	23-SEP-2008 04:41:30	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	34327	No
42	GOM_NL__2PRFIN20080923_044254_000000442072_00205_34327_8254.N1	23-SEP-2008 04:42:54	Bright	43.500	58	21Alp And	2.0730	11000.	87	34327	No

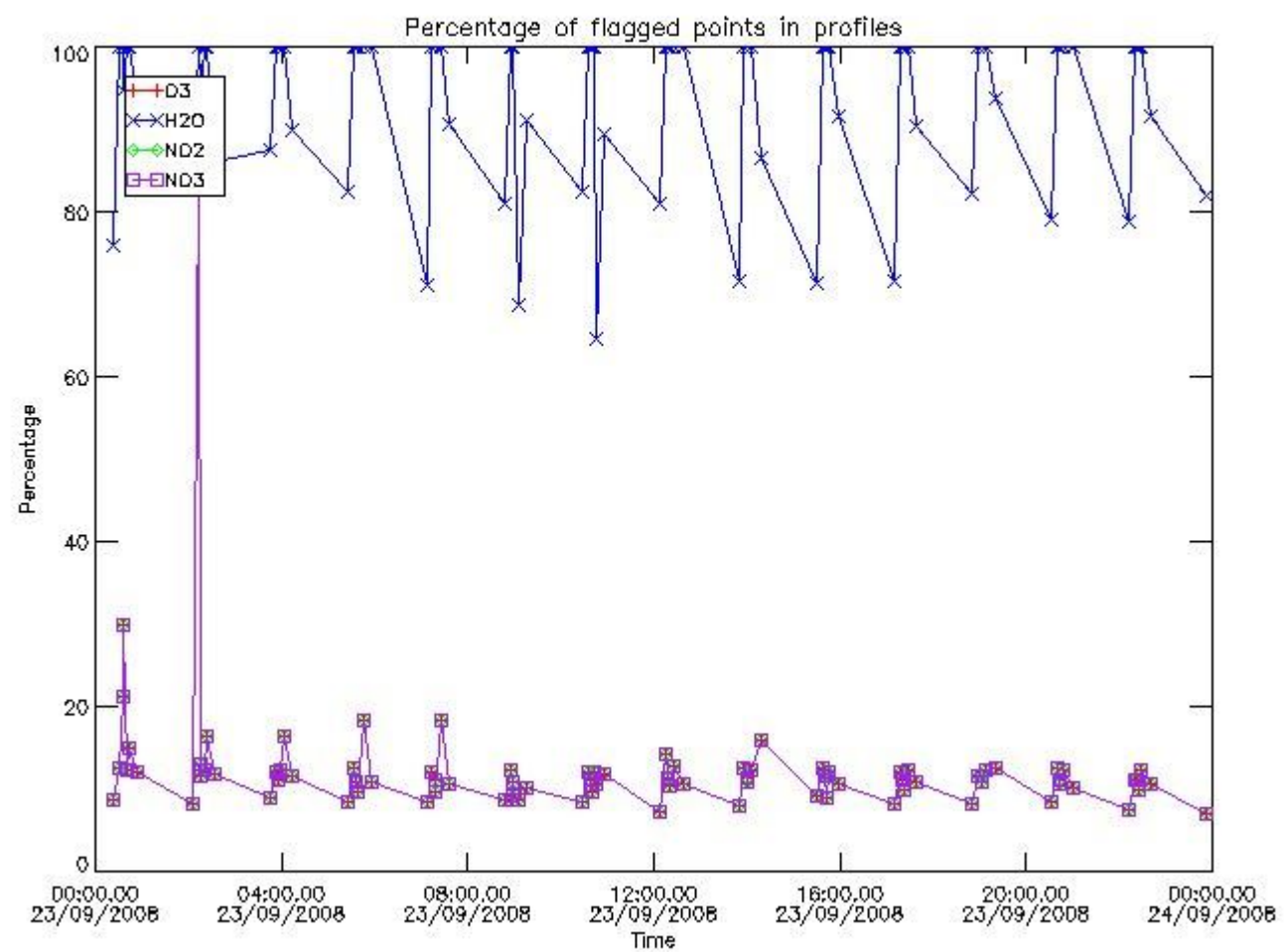
43	GOM_NL__2PRFIN20080923_045123_000000392072_00205_34327_8255.N1	23-SEP-2008 04:51:23	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	34327	No
44	GOM_NL__2PRFIN20080923_045257_000000412072_00205_34327_8256.N1	23-SEP-2008 04:52:57	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	34327	No
45	GOM_NL__2PRFIN20080923_051753_000000512072_00205_34327_8257.N1	23-SEP-2008 05:17:53	Bright	51.000	17	78Bet Gem	1.1610	4500.0	102	34327	No
46	GOM_NL__2PRFIN20080923_052608_000000602072_00205_34327_8258.N1	23-SEP-2008 05:26:08	Dark	60.000	8	10Alp CMi	0.40000	6500.0	120	34327	No
47	GOM_NL__2PRFIN20080923_053327_000000412072_00205_34327_8259.N1	23-SEP-2008 05:33:27	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	34327	No
48	GOM_NL__2PRFIN20080923_053639_000000472072_00205_34327_8260.N1	23-SEP-2008 05:36:39	Dark	46.500	88	31Eta CMa	2.4480	20000.	93	34327	No
49	GOM_NL__2PRFIN20080923_053802_000000532072_00205_34327_8261.N1	23-SEP-2008 05:38:02	Dark	53.000	23	21Eps CMa	1.5020	26000.	106	34327	No
50	GOM_NL__2PRFIN20080923_054443_000000282072_00206_34328_8272.N1	23-SEP-2008 05:44:43	Dark	28.000	108	Alp Col	2.6520	15200.	56	34328	No
51	GOM_NL__2PRFIN20080923_055509_000000522072_00206_34328_8273.N1	23-SEP-2008 05:55:09	Dark	51.500	9	Alp Eri	0.45300	24000.	103	34328	No
52	GOM_NL__2PRFIN20080923_060042_000000412072_00206_34328_8274.N1	23-SEP-2008 06:00:42	Straylight	40.500	84	Alp Phe	2.3970	4500.0	81	34328	No
53	GOM_NL__2PRFIN20080923_060757_000000522072_00206_34328_8275.N1	23-SEP-2008 06:07:57	Twi_and_stray	51.500	52	16Bet Cet	2.0370	4500.0	103	34328	No
54	GOM_NL__2PRFIN20080923_061822_000000372072_00206_34328_8276.N1	23-SEP-2008 06:18:22	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	34328	No
55	GOM_NL__2PRFIN20080923_062206_000000392072_00206_34328_8277.N1	23-SEP-2008 06:22:06	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	34328	No
56	GOM_NL__2PRFIN20080923_062329_000000432072_00206_34328_8278.N1	23-SEP-2008 06:23:29	Bright	43.000	58	21Alp And	2.0730	11000.	86	34328	No
57	GOM_NL__2PRFIN20080923_063158_000000392072_00206_34328_8279.N1	23-SEP-2008 06:31:58	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	34328	No
58	GOM_NL__2PRFIN20080923_063333_000000412072_00206_34328_8280.N1	23-SEP-2008 06:33:33	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	34328	No
59	GOM_NL__2PRFIN20080923_065830_000000462072_00206_34328_8281.N1	23-SEP-2008 06:58:30	Bright	45.500	17	78Bet Gem	1.1610	4500.0	91	34328	No
60	GOM_NL__2PRFIN20080923_070645_000000612072_00206_34328_8282.N1	23-SEP-2008 07:06:45	Dark	61.000	8	10Alp CMi	0.40000	6500.0	122	34328	No
61	GOM_NL__2PRFIN20080923_071404_000000432072_00206_34328_8283.N1	23-SEP-2008 07:14:04	Dark	42.500	132	15Rho Pup	2.8030	6900.0	85	34328	No
62	GOM_NL__2PRFIN20080923_071716_000000462072_00206_34328_8284.N1	23-SEP-2008 07:17:16	Dark	46.000	88	31Eta CMa	2.4480	20000.	92	34328	No
63	GOM_NL__2PRFIN20080923_071839_000000532072_00206_34328_8285.N1	23-SEP-2008 07:18:39	Dark	52.500	23	21Eps CMa	1.5020	26000.	105	34328	No
64	GOM_NL__2PRFIN20080923_072520_000000282072_00207_34329_8286.N1	23-SEP-2008 07:25:20	Dark	28.000	108	Alp Col	2.6520	15200.	56	34329	No
65	GOM_NL__2PRFIN20080923_073546_000000492072_00207_34329_8287.N1	23-SEP-2008 07:35:46	Dark	48.500	9	Alp Eri	0.45300	24000.	97	34329	No
66	GOM_NL__2PRFIN20080923_074119_000000462072_00207_34329_8288.N1	23-SEP-2008 07:41:19	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	34329	No
67	GOM_NL__2PRFIN20080923_074833_000000522072_00207_34329_8289.N1	23-SEP-2008 07:48:33	Twi_and_stray	52.000	52	16Bet Cet	2.0370	4500.0	104	34329	No
68	GOM_NL__2PRFIN20080923_075858_000000382072_00207_34329_8290.N1	23-SEP-2008 07:58:58	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	34329	No
69	GOM_NL__2PRFIN20080923_080242_000000392072_00207_34329_8291.N1	23-SEP-2008 08:02:42	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34329	No
70	GOM_NL__2PRFIN20080923_080405_000000422072_00207_34329_8292.N1	23-SEP-2008 08:04:05	Bright	41.500	58	21Alp And	2.0730	11000.	83	34329	No
71	GOM_NL__2PRFIN20080923_081234_000000392072_00207_34329_8293.N1	23-SEP-2008 08:12:34	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	34329	No
72	GOM_NL__2PRFIN20080923_081408_000000402072_00207_34329_8294.N1	23-SEP-2008 08:14:08	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	34329	No
73	GOM_NL__2PRFIN20080923_083906_000000522072_00207_34329_8295.N1	23-SEP-2008 08:39:06	Bright	51.500	17	78Bet Gem	1.1610	4500.0	103	34329	No
74	GOM_NL__2PRFIN20080923_084722_000000592072_00207_34329_8296.N1	23-SEP-2008 08:47:22	Dark	58.500	8	10Alp CMi	0.40000	6500.0	117	34329	No
75	GOM_NL__2PRFIN20080923_085440_000000422072_00207_34329_8297.N1	23-SEP-2008 08:54:40	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	34329	No
76	GOM_NL__2PRFIN20080923_085752_000000482072_00207_34329_8298.N1	23-SEP-2008 08:57:52	Dark	47.500	88	31Eta CMa	2.4480	20000.	95	34329	No
77	GOM_NL__2PRFIN20080923_085916_000000552072_00207_34329_8299.N1	23-SEP-2008 08:59:16	Dark	55.000	23	21Eps CMa	1.5020	26000.	110	34329	No
78	GOM_NL__2PRFIN20080923_090501_000000582072_00208_34330_8299.N1	23-SEP-2008 09:05:01	Dark	58.000	2	Alp Car	-0.73600	7000.0	116	34330	No
79	GOM_NL__2PRFIN20080923_091622_000000512072_00208_34330_8300.N1	23-SEP-2008 09:16:22	Dark	50.500	9	Alp Eri	0.45300	24000.	101	34330	No
80	GOM_NL__2PRFIN20080923_092155_000000442072_00208_34330_8301.N1	23-SEP-2008 09:21:55	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	34330	No
81	GOM_NL__2PRFIN20080923_092909_000000492072_00208_34330_8302.N1	23-SEP-2008 09:29:09	Twi_and_stray	48.500	52	16Bet Cet	2.0370	4500.0	97	34330	No
82	GOM_NL__2PRFIN20080923_093934_000000382072_00208_34330_8303.N1	23-SEP-2008 09:39:34	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	34330	No
83	GOM_NL__2PRFIN20080923_094318_000000392072_00208_34330_8304.N1	23-SEP-2008 09:43:18	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34330	No
84	GOM_NL__2PRFIN20080923_094440_000000432072_00208_34330_8305.N1	23-SEP-2008 09:44:40	Bright	43.000	58	21Alp And	2.0730	11000.	86	34330	No
85	GOM_NL__2PRFIN20080923_095310_000000402072_00208_34330_8306.N1	23-SEP-2008 09:53:10	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	34330	No
86	GOM_NL__2PRFIN20080923_095444_000000412072_00208_34330_8307.N1	23-SEP-2008 09:54:44	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	34330	No
87	GOM_NL__2PRFIN20080923_101942_000000482072_00208_34330_8308.N1	23-SEP-2008 10:19:42	Bright	48.000	17	78Bet Gem	1.1610	4500.0	96	34330	No
88	GOM_NL__2PRFIN20080923_102758_000000602072_00208_34330_8309.N1	23-SEP-2008 10:27:58	Dark	60.000	8	10Alp CMi	0.40000	6500.0	120	34330	No
89	GOM_NL__2PRFIN20080923_103517_000000422072_00208_34330_8310.N1	23-SEP-2008 10:35:17	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	34330	No
90	GOM_NL__2PRFIN20080923_103829_000000462072_00208_34330_8311.N1	23-SEP-2008 10:38:29	Dark	46.000	88	31Eta CMa	2.4480	20000.	92	34330	No
91	GOM_NL__2PRFIN20080923_103953_000000532072_00208_34330_8312.N1	23-SEP-2008 10:39:53	Dark	53.000	23	21Eps CMa	1.5020	26000.	106	34330	No
92	GOM_NL__2PRFIN20080923_104415_000000422072_00209_34331_8309.N1	23-SEP-2008 10:44:15	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	34331	No
93	GOM_NL__2PRFIN20080923_104538_000000492072_00209_34331_8310.N1	23-SEP-2008 10:45:38	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	34331	No
94	GOM_NL__2PRFIN20080923_105658_000000432072_00209_34331_8311.N1	23-SEP-2008 10:56:58	Dark	43.000	9	Alp Eri	0.45300	24000.	86	34331	No
95	GOM_NL__2PRFIN20080923_110231_000000432072_00209_34331_8312.N1	23-SEP-2008 11:02:31	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34331	No
96	GOM_NL__2PRFIN20080923_110945_000000512072_00209_34331_8313.N1	23-SEP-2008 11:09:45	Twi_and_stray	51.000	52	16Bet Cet	2.0370	4500.0	102	34331	No
97	GOM_NL__2PRFIN20080923_112010_000000362072_00209_34331_8314.N1	23-SEP-2008 11:20:10	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	34331	No
98	GOM_NL__2PRFIN20080923_112354_000000362072_00209_34331_8315.N1	23-SEP-2008 11:23:54	Bright	36.000	93	53Bet Peg	2.5200	3100.0	72	34331	No
99	GOM_NL__2PRFIN20080923_112516_000000432072_00209_34331_8316.N1	23-SEP-2008 11:25:16	Bright	42.500	58	21Alp And	2.0730	11000.	85	34331	No
100	GOM_NL__2PRFIN20080923_113345_000000402072_00209_34331_8317.N1	23-SEP-2008 11:33:45	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	34331	No
101	GOM_NL__2PRFIN20080923_113519_000000422072_00209_34331_8318.N1	23-SEP-2008 11:35:19	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	34331	No

161	GOM_NL__2PRFIN20080923_190133_000000452072_00213_34335_8383.N1	23-SEP-2008 19:01:33	Dark	44.500	88	31Eta CMa	2.4480	20000.	89	34335	No
162	GOM_NL__2PRFIN20080923_190258_000000522072_00213_34335_8384.N1	23-SEP-2008 19:02:58	Dark	51.500	23	21Eps CMa	1.5020	26000.	103	34335	No
163	GOM_NL__2PRFIN20080923_190718_000000422072_00214_34336_8384.N1	23-SEP-2008 19:07:18	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	34336	No
164	GOM_NL__2PRFIN20080923_192000_000000402072_00214_34336_8385.N1	23-SEP-2008 19:20:00	Dark	40.000	9	Alp Eri	0.45300	24000.	80	34336	No
165	GOM_NL__2PRFIN20080923_192533_000000412072_00214_34336_8386.N1	23-SEP-2008 19:25:33	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	34336	No
166	GOM_NL__2PRFIN20080923_193246_000000502072_00214_34336_8387.N1	23-SEP-2008 19:32:46	Twilight_and_stray	50.000	52	16Bet Cet	2.0370	4500.0	100	34336	No
167	GOM_NL__2PRFIN20080923_194309_000000372072_00214_34336_8388.N1	23-SEP-2008 19:43:09	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	34336	No
168	GOM_NL__2PRFIN20080923_194653_000000392072_00214_34336_8389.N1	23-SEP-2008 19:46:53	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	34336	No
169	GOM_NL__2PRFIN20080923_194813_000000432072_00214_34336_8390.N1	23-SEP-2008 19:48:13	Bright	42.500	58	21Alp And	2.0730	11000.	85	34336	No
170	GOM_NL__2PRFIN20080923_195643_000000402072_00214_34336_8391.N1	23-SEP-2008 19:56:43	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	34336	No
171	GOM_NL__2PRFIN20080923_195817_000000412072_00214_34336_8392.N1	23-SEP-2008 19:58:17	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	34336	No
172	GOM_NL__2PRFIN20080923_202319_000000522072_00214_34336_8393.N1	23-SEP-2008 20:23:19	Bright	52.000	17	78Bet Gem	1.1610	4500.0	104	34336	No
173	GOM_NL__2PRFIN20080923_203138_000000602072_00214_34336_8394.N1	23-SEP-2008 20:31:38	Dark	60.000	8	10Alp CMi	0.40000	6500.0	120	34336	No
174	GOM_NL__2PRFIN20080923_203856_000000412072_00214_34336_8395.N1	23-SEP-2008 20:38:56	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	34336	No
175	GOM_NL__2PRFIN20080923_204210_000000462072_00214_34336_8396.N1	23-SEP-2008 20:42:10	Dark	46.000	88	31Eta CMa	2.4480	20000.	92	34336	No
176	GOM_NL__2PRFIN20080923_204335_000000482072_00214_34336_8397.N1	23-SEP-2008 20:43:35	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	34336	No
177	GOM_NL__2PRFIN20080923_204755_000000422072_00215_34337_8395.N1	23-SEP-2008 20:47:55	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	34337	No
178	GOM_NL__2PRFIN20080923_210037_000000502072_00215_34337_8396.N1	23-SEP-2008 21:00:37	Dark	50.000	9	Alp Eri	0.45300	24000.	100	34337	No
179	GOM_NL__2PRFIN20080923_210609_000000422072_00215_34337_8397.N1	23-SEP-2008 21:06:09	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	34337	No
180	GOM_NL__2PRFIN20080923_211322_000000542072_00215_34337_8398.N1	23-SEP-2008 21:13:22	Twilight_and_stray	53.500	52	16Bet Cet	2.0370	4500.0	107	34337	No
181	GOM_NL__2PRFIN20080923_212345_000000382072_00215_34337_8399.N1	23-SEP-2008 21:23:45	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	34337	No
182	GOM_NL__2PRFIN20080923_212729_000000392072_00215_34337_8400.N1	23-SEP-2008 21:27:29	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34337	No
183	GOM_NL__2PRFIN20080923_212849_000000422072_00215_34337_8401.N1	23-SEP-2008 21:28:49	Bright	41.500	58	21Alp And	2.0730	11000.	83	34337	No
184	GOM_NL__2PRFIN20080923_213719_000000392072_00215_34337_8402.N1	23-SEP-2008 21:37:19	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	34337	No
185	GOM_NL__2PRFIN20080923_213852_000000422072_00215_34337_8403.N1	23-SEP-2008 21:38:52	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	34337	No
186	GOM_NL__2PRFIN20080923_220355_000000512072_00215_34337_8404.N1	23-SEP-2008 22:03:55	Bright	51.000	17	78Bet Gem	1.1610	4500.0	102	34337	No
187	GOM_NL__2PRFIN20080923_221215_000000682072_00215_34337_8405.N1	23-SEP-2008 22:12:15	Dark	68.000	8	10Alp CMi	0.40000	6500.0	136	34337	No
188	GOM_NL__2PRFIN20080923_221933_000000462072_00215_34337_8406.N1	23-SEP-2008 22:19:33	Dark	46.000	132	15Rho Pup	2.8030	6900.0	92	34337	No
189	GOM_NL__2PRFIN20080923_222247_000000462072_00215_34337_8407.N1	23-SEP-2008 22:22:47	Dark	46.000	88	31Eta CMa	2.4480	20000.	92	34337	No
190	GOM_NL__2PRFIN20080923_222412_000000522072_00215_34337_8408.N1	23-SEP-2008 22:24:12	Dark	51.500	23	21Eps CMa	1.5020	26000.	103	34337	No
191	GOM_NL__2PRFIN20080923_222831_000000422072_00216_34338_8421.N1	23-SEP-2008 22:28:31	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	34338	No
192	GOM_NL__2PRFIN20080923_224113_000000492072_00216_34338_8422.N1	23-SEP-2008 22:41:13	Dark	48.500	9	Alp Eri	0.45300	24000.	97	34338	No
193	GOM_NL__2PRFIN20080923_224645_000000472072_00216_34338_8423.N1	23-SEP-2008 22:46:45	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	34338	No
194	GOM_NL__2PRFIN20080923_225358_000000532072_00216_34338_8424.N1	23-SEP-2008 22:53:58	Twilight_and_stray	52.500	52	16Bet Cet	2.0370	4500.0	105	34338	No
195	GOM_NL__2PRFIN20080923_230421_000000382072_00216_34338_8425.N1	23-SEP-2008 23:04:21	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	34338	No
196	GOM_NL__2PRFIN20080923_230804_000000372072_00216_34338_8426.N1	23-SEP-2008 23:08:04	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	34338	No
197	GOM_NL__2PRFIN20080923_230924_000000412072_00216_34338_8427.N1	23-SEP-2008 23:09:24	Bright	41.000	58	21Alp And	2.0730	11000.	82	34338	No
198	GOM_NL__2PRFIN20080923_231754_000000402072_00216_34338_8428.N1	23-SEP-2008 23:17:54	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	34338	No
199	GOM_NL__2PRFIN20080923_231928_000000412072_00216_34338_8429.N1	23-SEP-2008 23:19:28	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	34338	No
200	GOM_NL__2PRFIN20080923_234431_000000512072_00216_34338_8430.N1	23-SEP-2008 23:44:31	Bright	51.000	17	78Bet Gem	1.1610	4500.0	102	34338	No
201	GOM_NL__2PRFIN20080923_235252_000000722072_00216_34338_8431.N1	23-SEP-2008 23:52:52	Dark	71.500	8	10Alp CMi	0.40000	6500.0	143	34338	No

3. Quality information per product

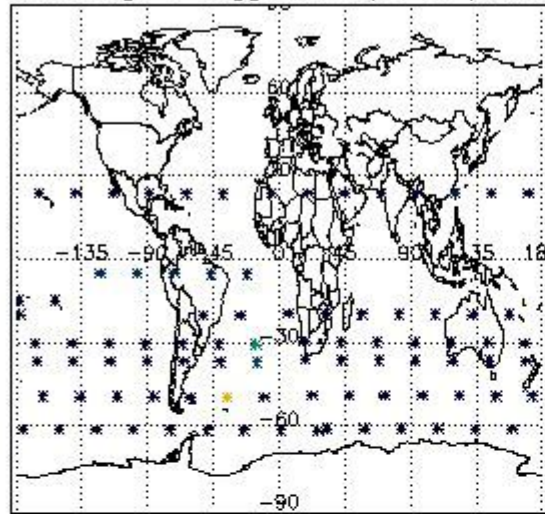
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

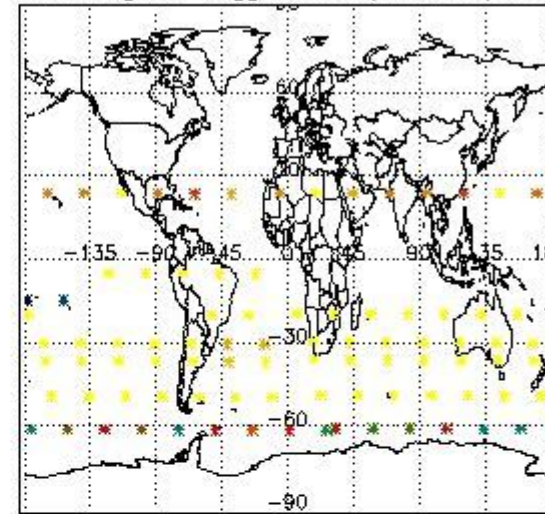


3.2 Plot quality information per product (world map)

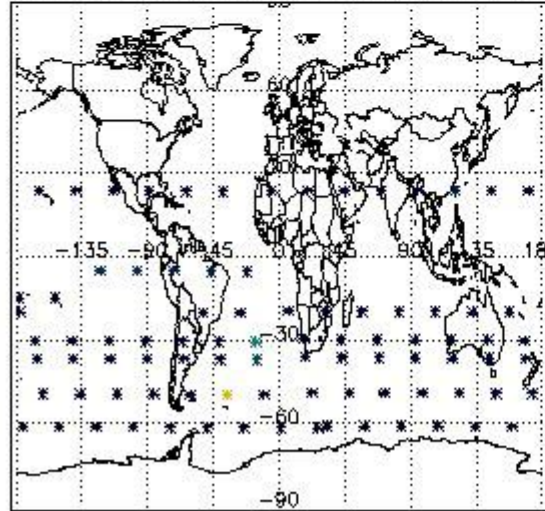
Percentage of flagged data per O3 profile



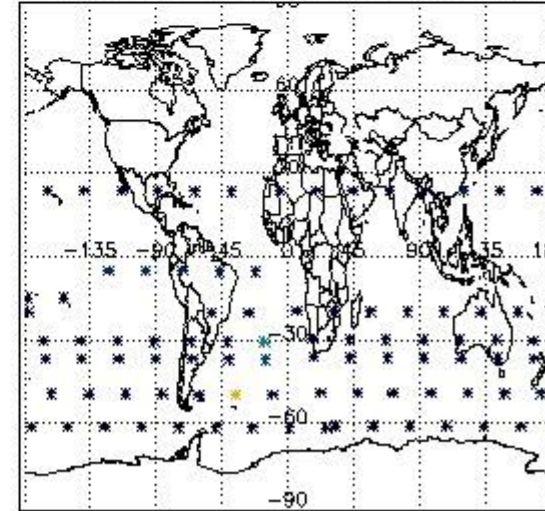
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

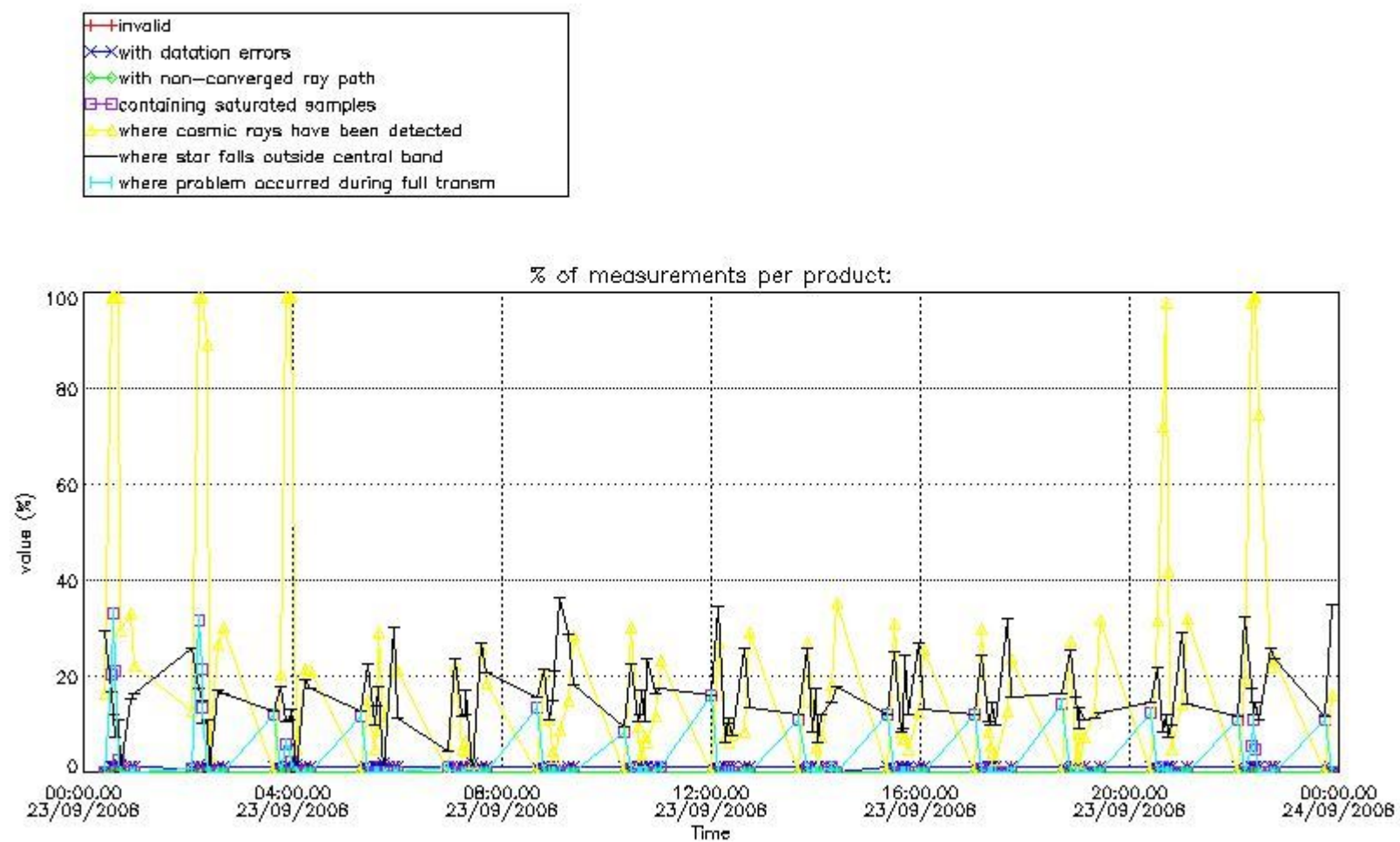


4. Level 1 quality information per product

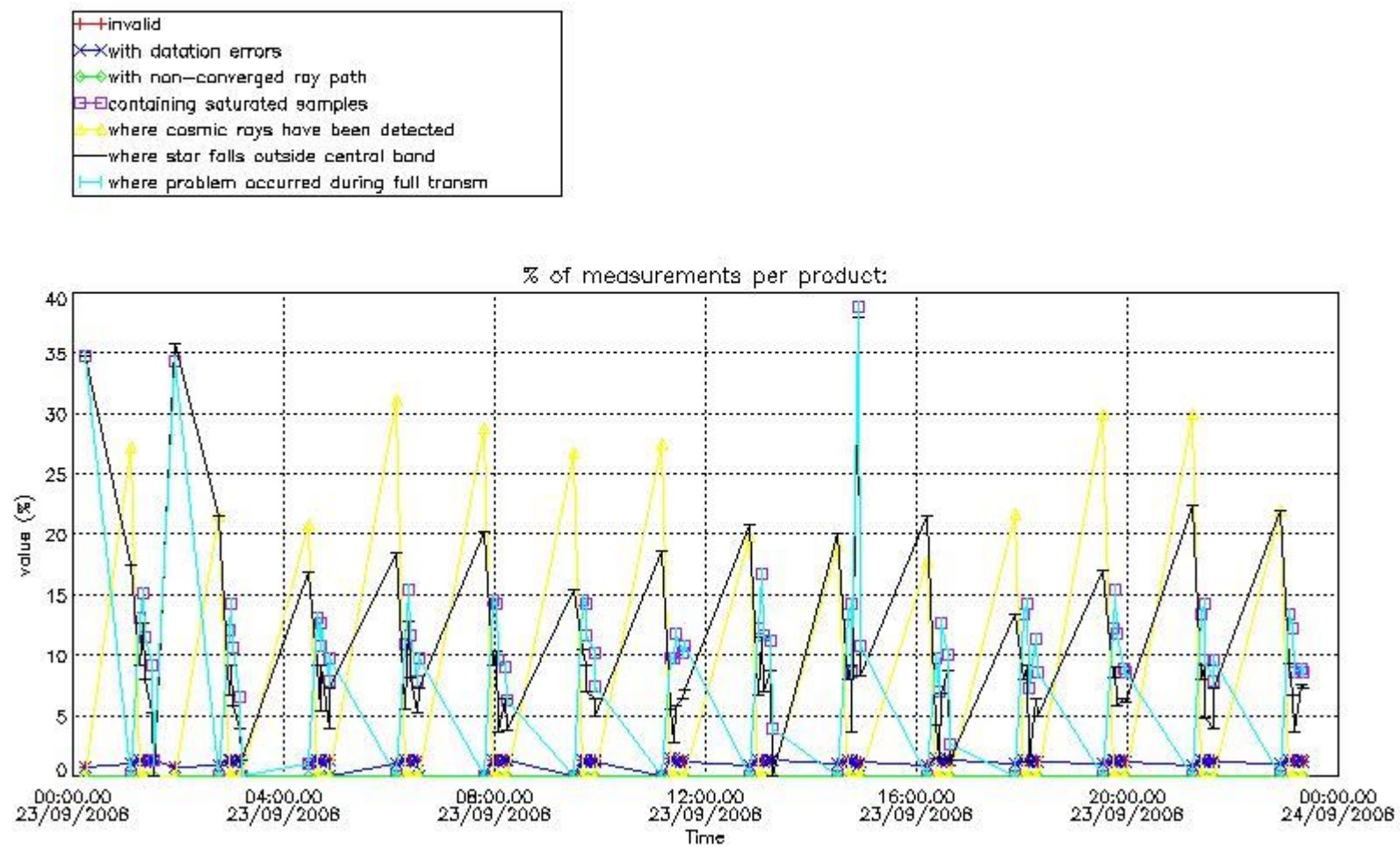
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



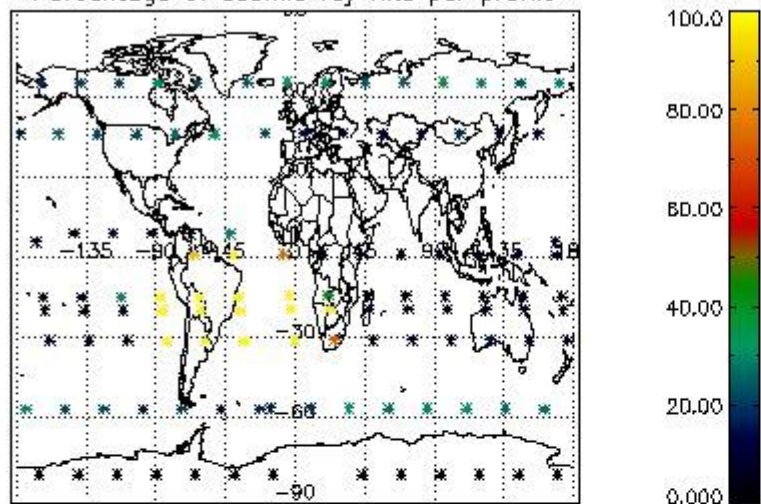
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



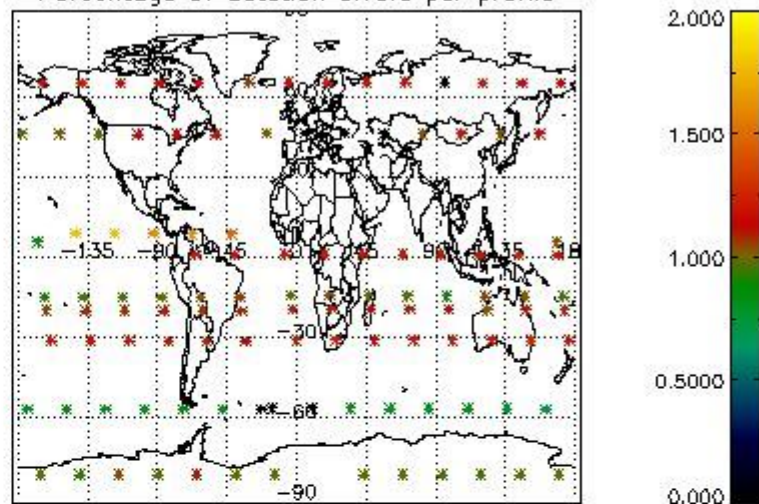
4.2 Plot quality information per product coming from level 1b processing (world map)

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

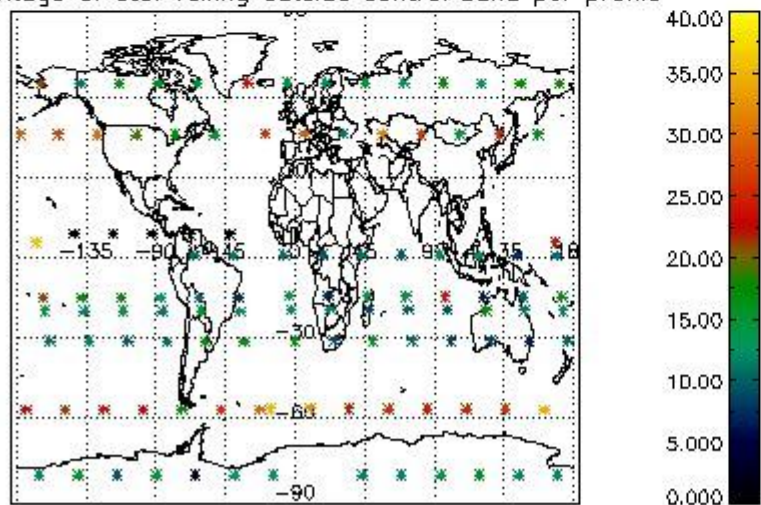
Percentage of cosmic ray hits per profile



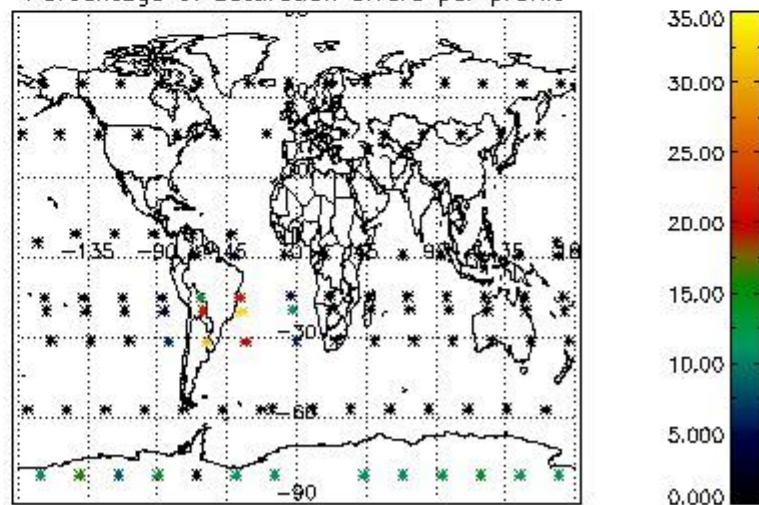
Percentage of datation errors per profile



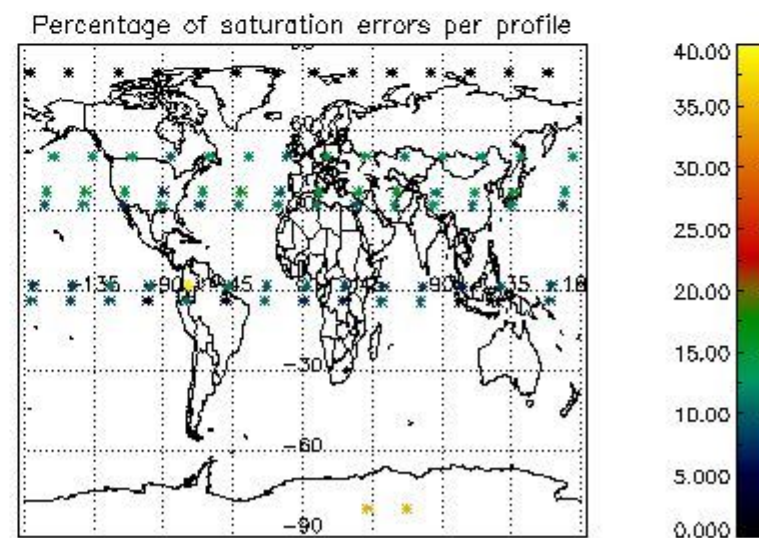
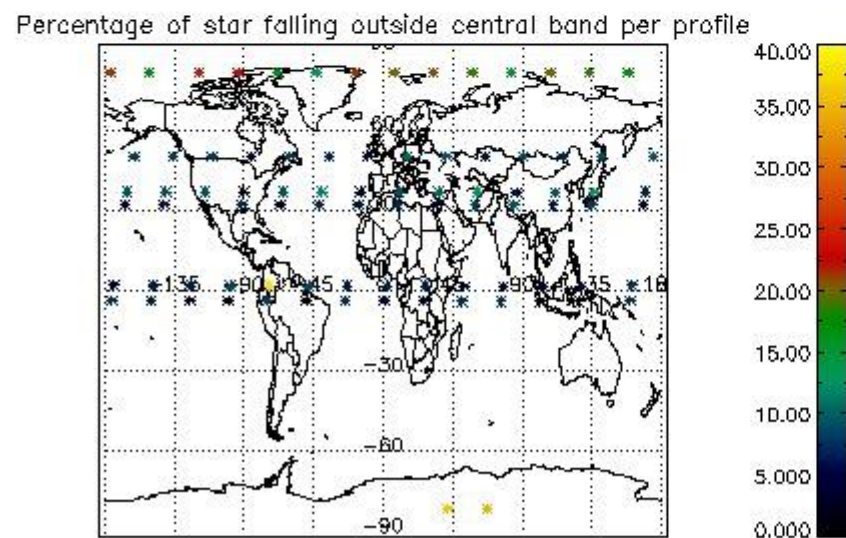
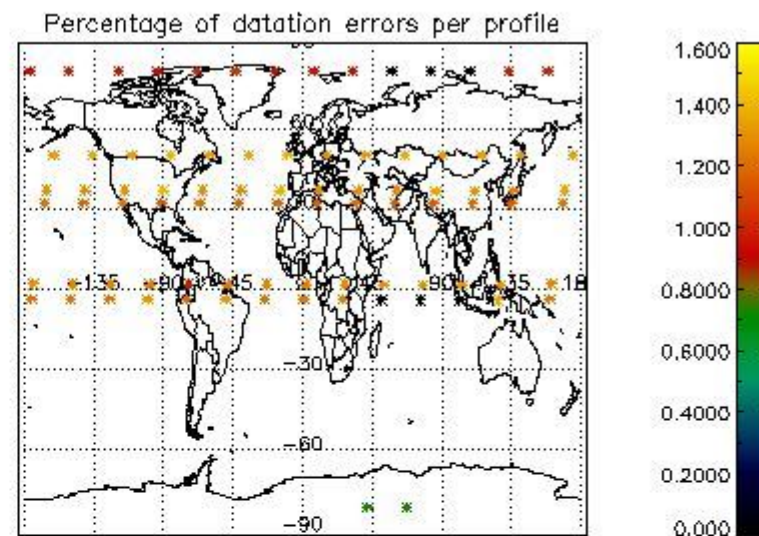
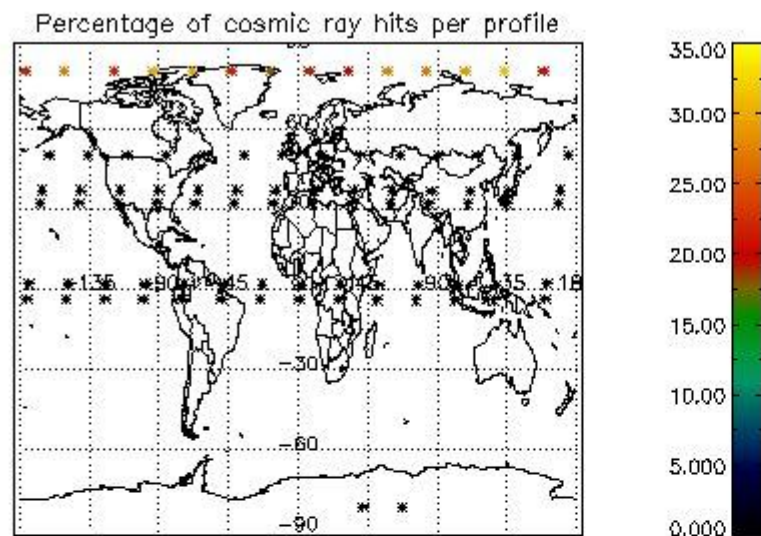
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

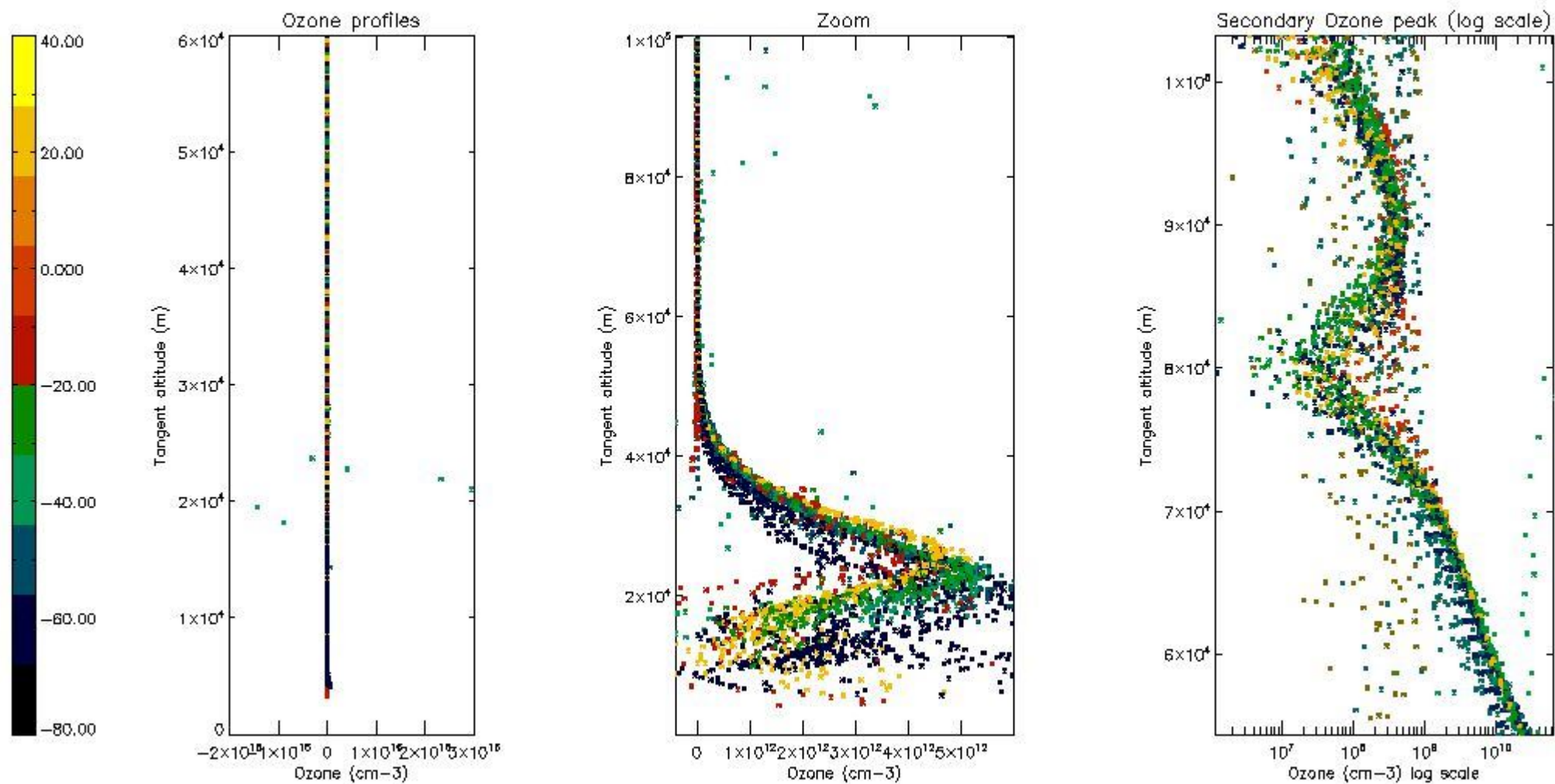
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	47
STD < 20	27

STD < 10	20
STD < 5	16

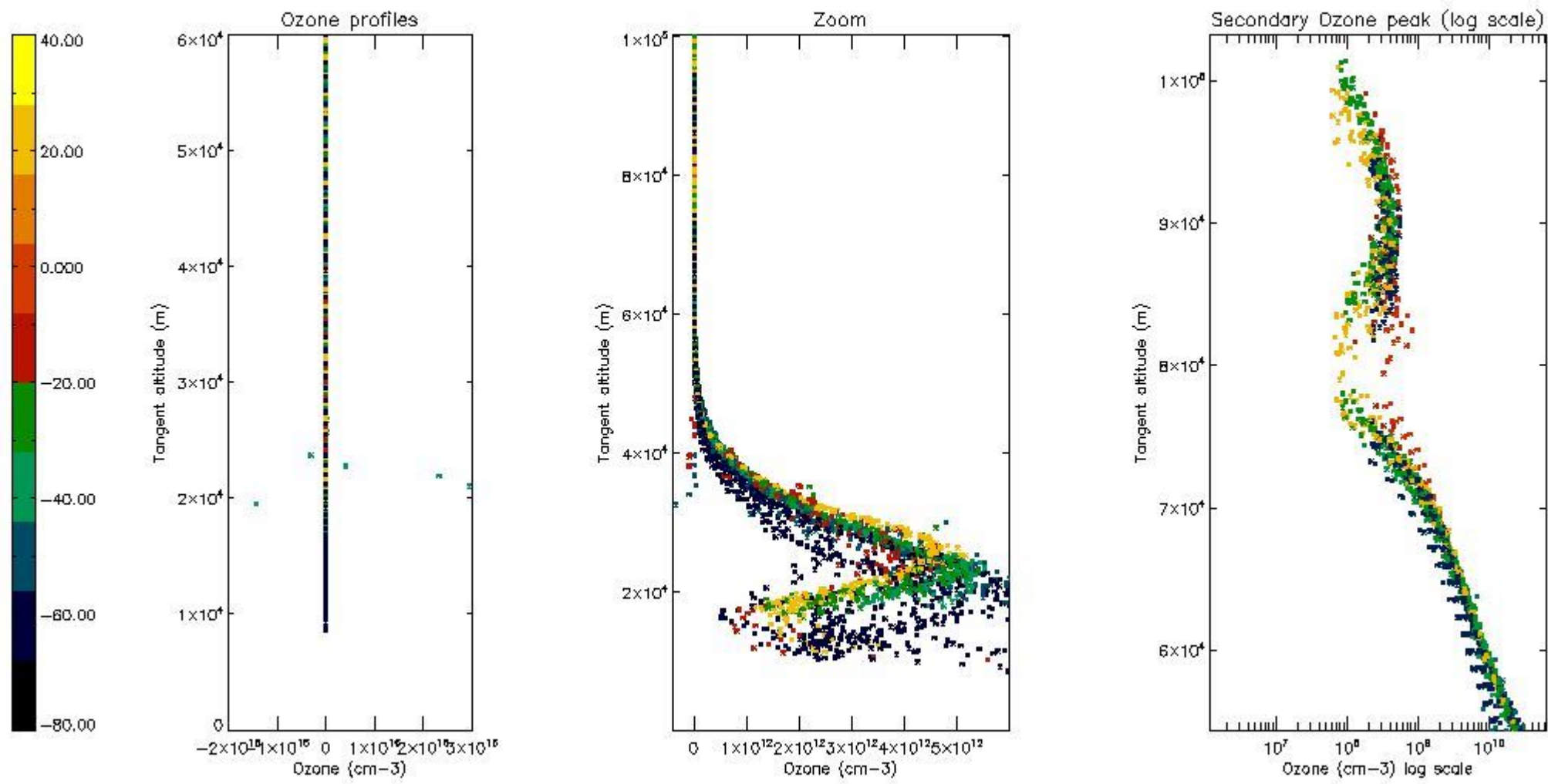
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



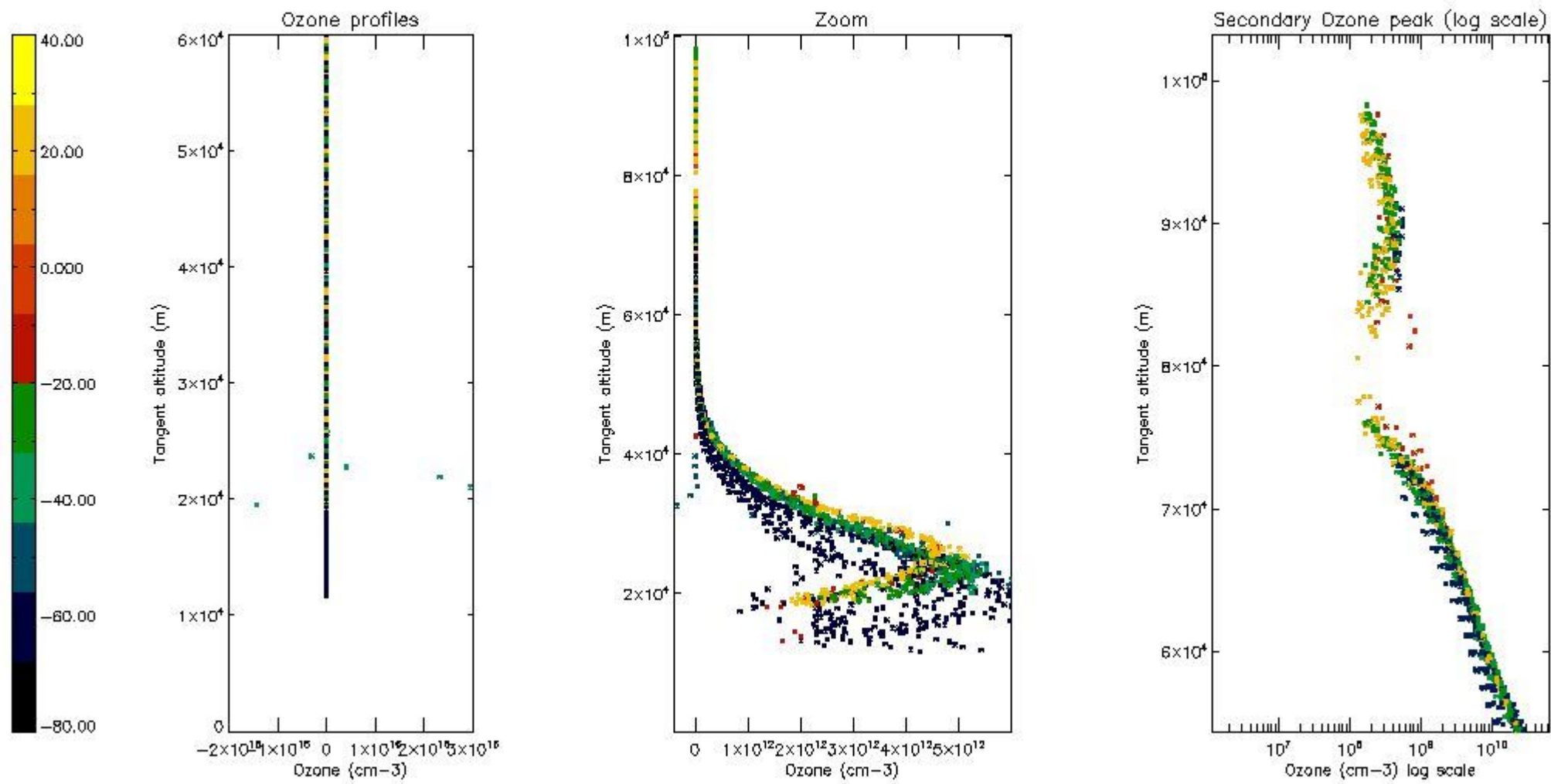
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



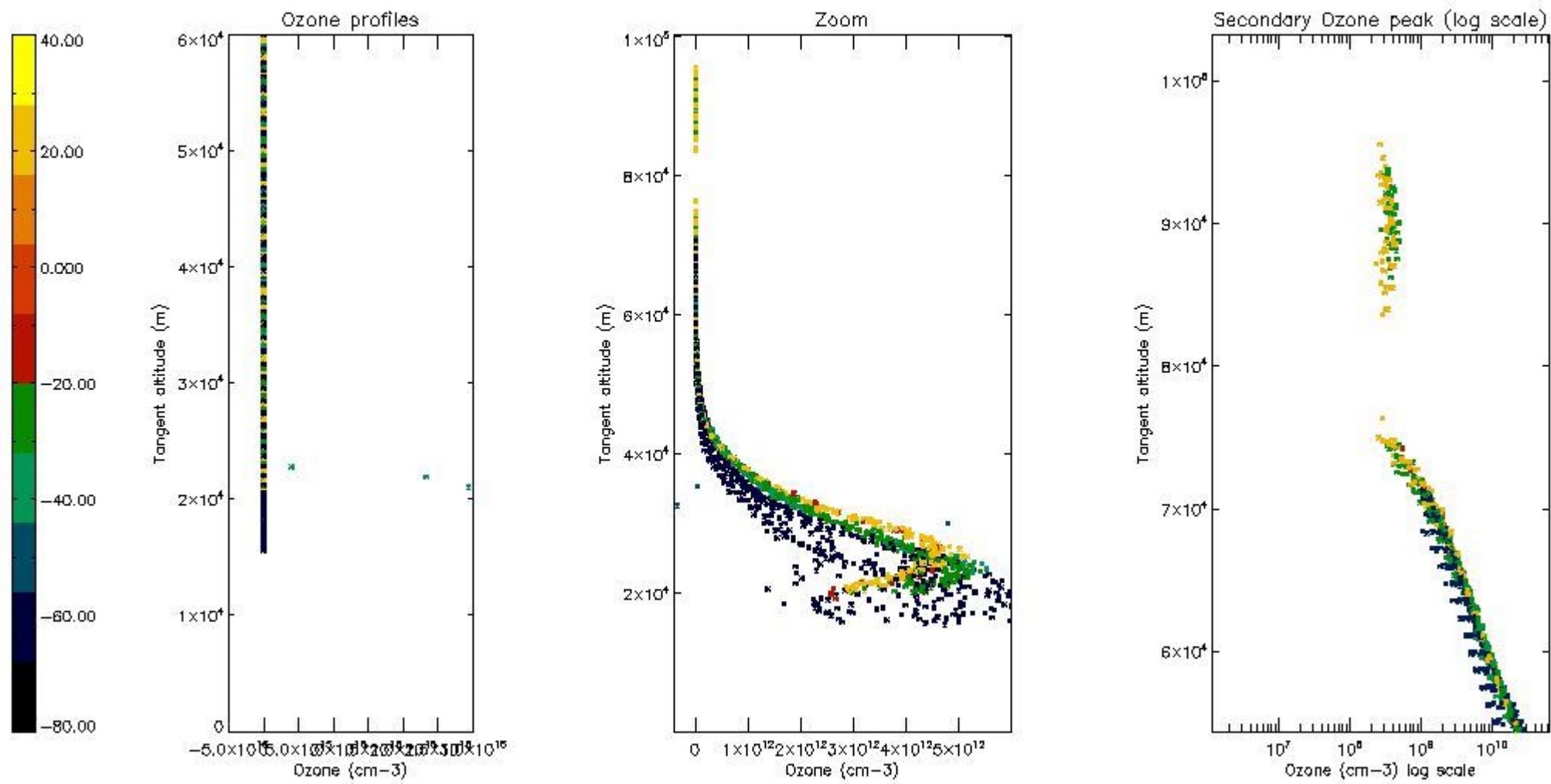
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



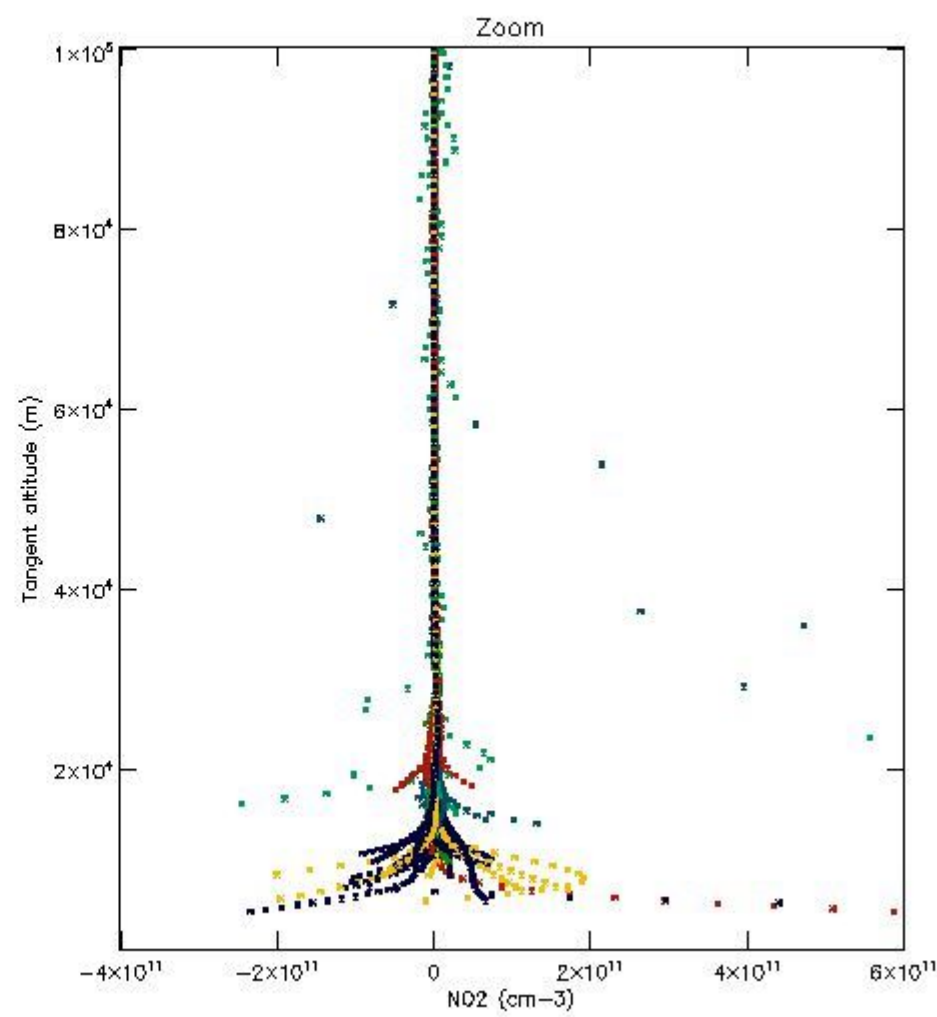
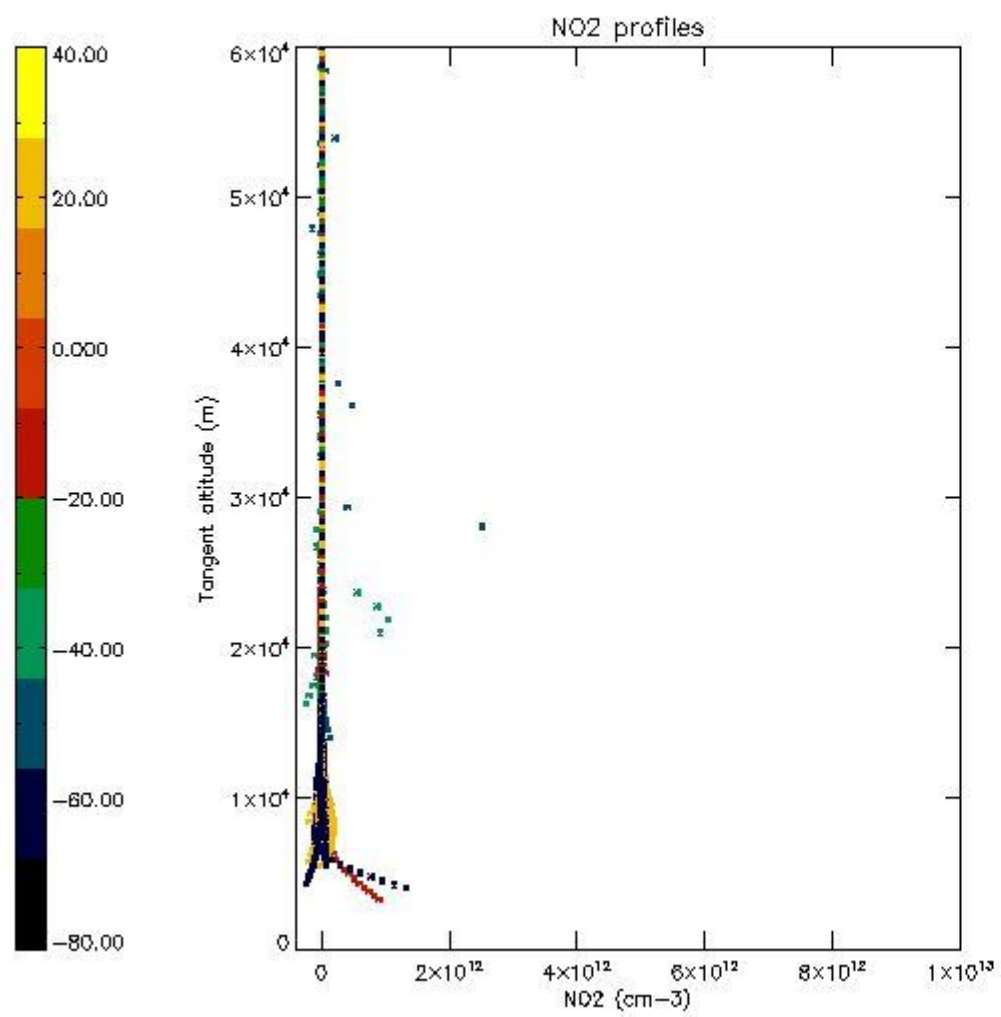
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



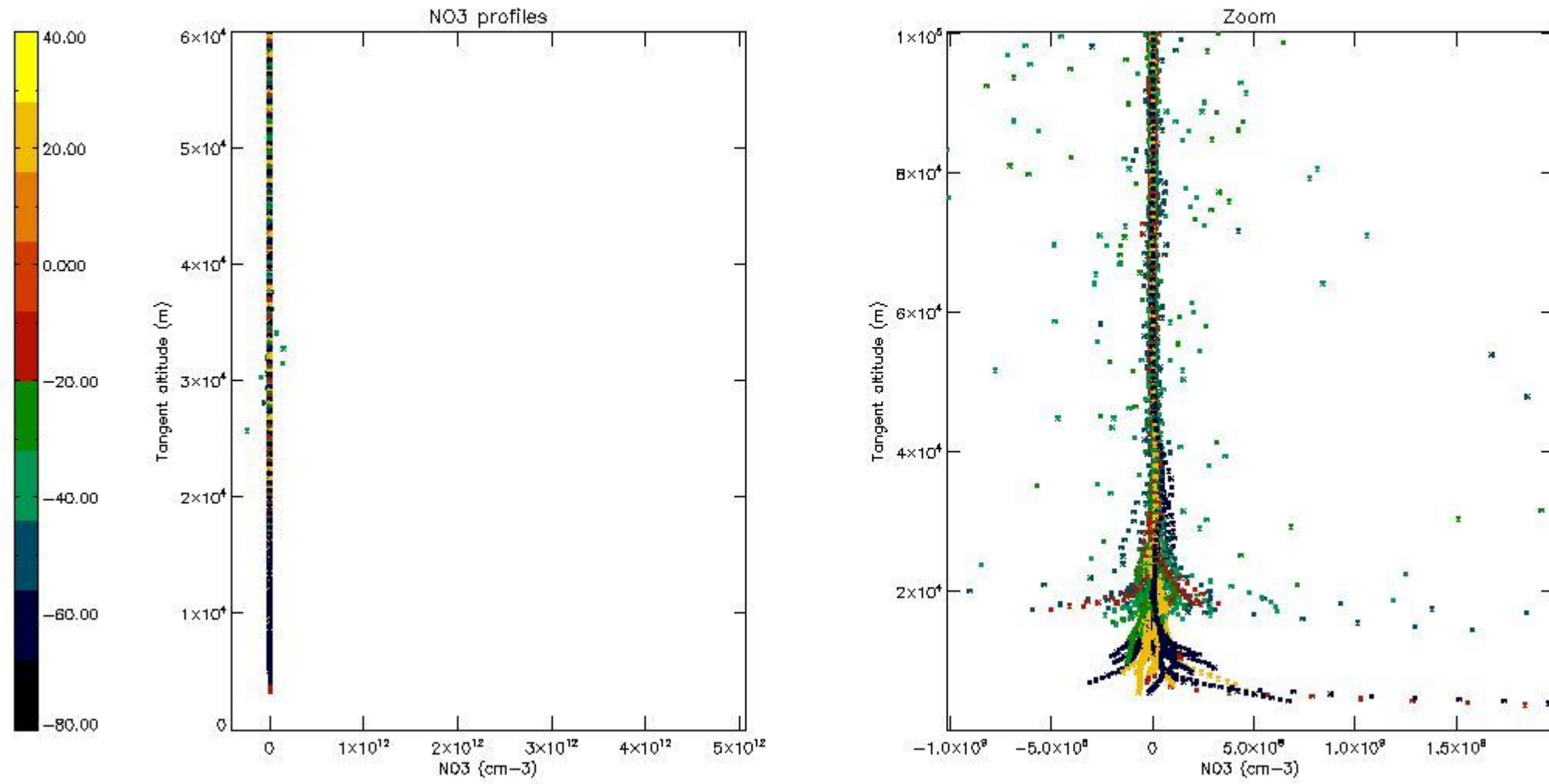
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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	23-SEP-2008 00:14:47
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-SEP-2008 00:14:47
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-SEP-2008 00:14:47

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

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

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

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

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

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

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

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

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

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

[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 20:12:58
Data source version	GOMOS/6.01
Start time of products	23-09-2008 (23SEP2008 00:00:00)
Stop time of products	24-09-2008 (24SEP2008 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	201
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__2PRFIN20080923_001447_000000692072_00202_34324_8211.N1	23-SEP-2008 00:14:47	Bright	69.000	24	66Alp Gem	1.5800	10200.	138	34324	No
2	GOM_NL__2PRFIN20080923_002418_000000652072_00202_34324_8212.N1	23-SEP-2008 00:24:18	Dark	64.500	8	10Alp CMi	0.40000	6500.0	129	34324	No
3	GOM_NL__2PRFIN20080923_003137_000000452072_00202_34324_8213.N1	23-SEP-2008 00:31:37	Dark	44.500	132	15Rho Pup	2.8030	6900.0	89	34324	No
4	GOM_NL__2PRFIN20080923_003448_000000462072_00202_34324_8214.N1	23-SEP-2008 00:34:48	Dark	45.500	88	31Eta CMa	2.4480	20000.	91	34324	No
5	GOM_NL__2PRFIN20080923_003611_000000482072_00202_34324_8215.N1	23-SEP-2008 00:36:11	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	34324	No
6	GOM_NL__2PRFIN20080923_004035_000000422072_00203_34325_8215.N1	23-SEP-2008 00:40:35	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	34325	No
7	GOM_NL__2PRFIN20080923_004250_000000342072_00203_34325_8216.N1	23-SEP-2008 00:42:50	Dark	34.000	108	Alp Col	2.6520	15200.	68	34325	No
8	GOM_NL__2PRFIN20080923_005320_000000432072_00203_34325_8217.N1	23-SEP-2008 00:53:20	Dark	42.500	9	Alp Eri	0.45300	24000.	85	34325	No
9	GOM_NL__2PRFIN20080923_005853_000000432072_00203_34325_8218.N1	23-SEP-2008 00:58:53	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34325	No
10	GOM_NL__2PRFIN20080923_010609_000000522072_00203_34325_8219.N1	23-SEP-2008 01:06:09	Twilight	51.500	52	16Bet Cet	2.0370	4500.0	103	34325	No
11	GOM_NL__2PRFIN20080923_011634_000000382072_00203_34325_8220.N1	23-SEP-2008 01:16:34	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	34325	No
12	GOM_NL__2PRFIN20080923_012019_000000402072_00203_34325_8221.N1	23-SEP-2008 01:20:19	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	34325	No
13	GOM_NL__2PRFIN20080923_012143_000000442072_00203_34325_8222.N1	23-SEP-2008 01:21:43	Bright	43.500	58	21Alp And	2.0730	11000.	87	34325	No
14	GOM_NL__2PRFIN20080923_013011_000000392072_00203_34325_8223.N1	23-SEP-2008 01:30:11	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	34325	No
15	GOM_NL__2PRFIN20080923_013146_000000372072_00203_34325_8224.N1	23-SEP-2008 01:31:46	Bright	37.000	76	27Gam Cas	2.3000	30000.	74	34325	No
16	GOM_NL__2PRFIN20080923_015523_000000692072_00203_34325_8225.N1	23-SEP-2008 01:55:23	Bright	68.500	24	66Alp Gem	1.5800	10200.	137	34325	No
17	GOM_NL__2PRFIN20080923_020455_000000622072_00203_34325_8226.N1	23-SEP-2008 02:04:55	Dark	62.000	8	10Alp CMi	0.40000	6500.0	124	34325	No
18	GOM_NL__2PRFIN20080923_021214_000000462072_00203_34325_8227.N1	23-SEP-2008 02:12:14	Dark	46.000	132	15Rho Pup	2.8030	6900.0	92	34325	No
19	GOM_NL__2PRFIN20080923_021525_000000472072_00203_34325_8228.N1	23-SEP-2008 02:15:25	Dark	47.000	88	31Eta CMa	2.4480	20000.	94	34325	No
20	GOM_NL__2PRFIN20080923_021648_000000492072_00203_34325_8229.N1	23-SEP-2008 02:16:48	Dark	48.500	23	21Eps CMa	1.5020	26000.	97	34325	No
21	GOM_NL__2PRFIN20080923_022112_000000422072_00204_34326_8233.N1	23-SEP-2008 02:21:12	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	34326	No
22	GOM_NL__2PRFIN20080923_022328_000000312072_00204_34326_8234.N1	23-SEP-2008 02:23:28	Dark	31.000	108	Alp Col	2.6520	15200.	62	34326	No
23	GOM_NL__2PRFIN20080923_023356_000000442072_00204_34326_8235.N1	23-SEP-2008 02:33:56	Dark	43.500	9	Alp Eri	0.45300	24000.	87	34326	No
24	GOM_NL__2PRFIN20080923_023929_000000432072_00204_34326_8236.N1	23-SEP-2008 02:39:29	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34326	No
25	GOM_NL__2PRFIN20080923_024645_000000542072_00204_34326_8237.N1	23-SEP-2008 02:46:45	Twilight	53.500	52	16Bet Cet	2.0370	4500.0	107	34326	No
26	GOM_NL__2PRFIN20080923_025710_000000382072_00204_34326_8238.N1	23-SEP-2008 02:57:10	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	34326	No
27	GOM_NL__2PRFIN20080923_030054_000000392072_00204_34326_8239.N1	23-SEP-2008 03:00:54	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34326	No
28	GOM_NL__2PRFIN20080923_030218_000000432072_00204_34326_8240.N1	23-SEP-2008 03:02:18	Bright	42.500	58	21Alp And	2.0730	11000.	85	34326	No
29	GOM_NL__2PRFIN20080923_031047_000000382072_00204_34326_8241.N1	23-SEP-2008 03:10:47	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	34326	No
30	GOM_NL__2PRFIN20080923_031222_000000372072_00204_34326_8242.N1	23-SEP-2008 03:12:22	Bright	36.500	76	27Gam Cas	2.3000	30000.	73	34326	No
31	GOM_NL__2PRFIN20080923_033717_000000512072_00204_34326_8243.N1	23-SEP-2008 03:37:17	Bright	50.500	17	78Bet Gem	1.1610	4500.0	101	34326	No
32	GOM_NL__2PRFIN20080923_034532_000000572072_00204_34326_8244.N1	23-SEP-2008 03:45:32	Dark	56.500	8	10Alp CMi	0.40000	6500.0	113	34326	No
33	GOM_NL__2PRFIN20080923_035250_000000422072_00204_34326_8245.N1	23-SEP-2008 03:52:50	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	34326	No
34	GOM_NL__2PRFIN20080923_035602_000000462072_00204_34326_8246.N1	23-SEP-2008 03:56:02	Dark	45.500	88	31Eta CMa	2.4480	20000.	91	34326	No
35	GOM_NL__2PRFIN20080923_035725_000000502072_00204_34326_8247.N1	23-SEP-2008 03:57:25	Dark	50.000	23	21Eps CMa	1.5020	26000.	100	34326	No
36	GOM_NL__2PRFIN20080923_040405_000000312072_00205_34327_8248.N1	23-SEP-2008 04:04:05	Dark	31.000	108	Alp Col	2.6520	15200.	62	34327	No
37	GOM_NL__2PRFIN20080923_041433_000000452072_00205_34327_8249.N1	23-SEP-2008 04:14:33	Dark	44.500	9	Alp Eri	0.45300	24000.	89	34327	No
38	GOM_NL__2PRFIN20080923_042006_000000432072_00205_34327_8250.N1	23-SEP-2008 04:20:06	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34327	No
39	GOM_NL__2PRFIN20080923_042721_000000512072_00205_34327_8251.N1	23-SEP-2008 04:27:21	Twilight	50.500	52	16Bet Cet	2.0370	4500.0	101	34327	No
40	GOM_NL__2PRFIN20080923_043746_000000382072_00205_34327_8252.N1	23-SEP-2008 04:37:46	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	34327	No
41	GOM_NL__2PRFIN20080923_044130_000000372072_00205_34327_8253.N1	23-SEP-2008 04:41:30	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	34327	No
42	GOM_NL__2PRFIN20080923_044254_000000442072_00205_34327_8254.N1	23-SEP-2008 04:42:54	Bright	43.500	58	21Alp And	2.0730	11000.	87	34327	No

43	GOM_NL__2PRFIN20080923_045123_000000392072_00205_34327_8255.N1	23-SEP-2008 04:51:23	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	34327	No
44	GOM_NL__2PRFIN20080923_045257_000000412072_00205_34327_8256.N1	23-SEP-2008 04:52:57	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	34327	No
45	GOM_NL__2PRFIN20080923_051753_000000512072_00205_34327_8257.N1	23-SEP-2008 05:17:53	Bright	51.000	17	78Bet Gem	1.1610	4500.0	102	34327	No
46	GOM_NL__2PRFIN20080923_052608_000000602072_00205_34327_8258.N1	23-SEP-2008 05:26:08	Dark	60.000	8	10Alp CMi	0.40000	6500.0	120	34327	No
47	GOM_NL__2PRFIN20080923_053327_000000412072_00205_34327_8259.N1	23-SEP-2008 05:33:27	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	34327	No
48	GOM_NL__2PRFIN20080923_053639_000000472072_00205_34327_8260.N1	23-SEP-2008 05:36:39	Dark	46.500	88	31Eta CMa	2.4480	20000.	93	34327	No
49	GOM_NL__2PRFIN20080923_053802_000000532072_00205_34327_8261.N1	23-SEP-2008 05:38:02	Dark	53.000	23	21Eps CMa	1.5020	26000.	106	34327	No
50	GOM_NL__2PRFIN20080923_054443_000000282072_00206_34328_8272.N1	23-SEP-2008 05:44:43	Dark	28.000	108	Alp Col	2.6520	15200.	56	34328	No
51	GOM_NL__2PRFIN20080923_055509_000000522072_00206_34328_8273.N1	23-SEP-2008 05:55:09	Dark	51.500	9	Alp Eri	0.45300	24000.	103	34328	No
52	GOM_NL__2PRFIN20080923_060042_000000412072_00206_34328_8274.N1	23-SEP-2008 06:00:42	Straylight	40.500	84	Alp Phe	2.3970	4500.0	81	34328	No
53	GOM_NL__2PRFIN20080923_060757_000000522072_00206_34328_8275.N1	23-SEP-2008 06:07:57	Tw_i_and_stray	51.500	52	16Bet Cet	2.0370	4500.0	103	34328	No
54	GOM_NL__2PRFIN20080923_061822_000000372072_00206_34328_8276.N1	23-SEP-2008 06:18:22	Bright	36.500	90	54Alp Peg	2.4870	11000.	73	34328	No
55	GOM_NL__2PRFIN20080923_062206_000000392072_00206_34328_8277.N1	23-SEP-2008 06:22:06	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	34328	No
56	GOM_NL__2PRFIN20080923_062329_000000432072_00206_34328_8278.N1	23-SEP-2008 06:23:29	Bright	43.000	58	21Alp And	2.0730	11000.	86	34328	No
57	GOM_NL__2PRFIN20080923_063158_000000392072_00206_34328_8279.N1	23-SEP-2008 06:31:58	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	34328	No
58	GOM_NL__2PRFIN20080923_063333_000000412072_00206_34328_8280.N1	23-SEP-2008 06:33:33	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	34328	No
59	GOM_NL__2PRFIN20080923_065830_000000462072_00206_34328_8281.N1	23-SEP-2008 06:58:30	Bright	45.500	17	78Bet Gem	1.1610	4500.0	91	34328	No
60	GOM_NL__2PRFIN20080923_070645_000000612072_00206_34328_8282.N1	23-SEP-2008 07:06:45	Dark	61.000	8	10Alp CMi	0.40000	6500.0	122	34328	No
61	GOM_NL__2PRFIN20080923_071404_000000432072_00206_34328_8283.N1	23-SEP-2008 07:14:04	Dark	42.500	132	15Rho Pup	2.8030	6900.0	85	34328	No
62	GOM_NL__2PRFIN20080923_071716_000000462072_00206_34328_8284.N1	23-SEP-2008 07:17:16	Dark	46.000	88	31Eta CMa	2.4480	20000.	92	34328	No
63	GOM_NL__2PRFIN20080923_071839_000000532072_00206_34328_8285.N1	23-SEP-2008 07:18:39	Dark	52.500	23	21Eps CMa	1.5020	26000.	105	34328	No
64	GOM_NL__2PRFIN20080923_072520_000000282072_00207_34329_8286.N1	23-SEP-2008 07:25:20	Dark	28.000	108	Alp Col	2.6520	15200.	56	34329	No
65	GOM_NL__2PRFIN20080923_073546_000000492072_00207_34329_8287.N1	23-SEP-2008 07:35:46	Dark	48.500	9	Alp Eri	0.45300	24000.	97	34329	No
66	GOM_NL__2PRFIN20080923_074119_000000462072_00207_34329_8288.N1	23-SEP-2008 07:41:19	Straylight	45.500	84	Alp Phe	2.3970	4500.0	91	34329	No
67	GOM_NL__2PRFIN20080923_074833_000000522072_00207_34329_8289.N1	23-SEP-2008 07:48:33	Tw_i_and_stray	52.000	52	16Bet Cet	2.0370	4500.0	104	34329	No
68	GOM_NL__2PRFIN20080923_075858_000000382072_00207_34329_8290.N1	23-SEP-2008 07:58:58	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	34329	No
69	GOM_NL__2PRFIN20080923_080242_000000392072_00207_34329_8291.N1	23-SEP-2008 08:02:42	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34329	No
70	GOM_NL__2PRFIN20080923_080405_000000422072_00207_34329_8292.N1	23-SEP-2008 08:04:05	Bright	41.500	58	21Alp And	2.0730	11000.	83	34329	No
71	GOM_NL__2PRFIN20080923_081234_000000392072_00207_34329_8293.N1	23-SEP-2008 08:12:34	Bright	39.000	74	11Bet Cas	2.2680	6600.0	78	34329	No
72	GOM_NL__2PRFIN20080923_081408_000000402072_00207_34329_8294.N1	23-SEP-2008 08:14:08	Bright	40.000	76	27Gam Cas	2.3000	30000.	80	34329	No
73	GOM_NL__2PRFIN20080923_083906_000000522072_00207_34329_8295.N1	23-SEP-2008 08:39:06	Bright	51.500	17	78Bet Gem	1.1610	4500.0	103	34329	No
74	GOM_NL__2PRFIN20080923_084722_000000592072_00207_34329_8296.N1	23-SEP-2008 08:47:22	Dark	58.500	8	10Alp CMi	0.40000	6500.0	117	34329	No
75	GOM_NL__2PRFIN20080923_085440_000000422072_00207_34329_8297.N1	23-SEP-2008 08:54:40	Dark	41.500	132	15Rho Pup	2.8030	6900.0	83	34329	No
76	GOM_NL__2PRFIN20080923_085752_000000482072_00207_34329_8298.N1	23-SEP-2008 08:57:52	Dark	47.500	88	31Eta CMa	2.4480	20000.	95	34329	No
77	GOM_NL__2PRFIN20080923_085916_000000552072_00207_34329_8299.N1	23-SEP-2008 08:59:16	Dark	55.000	23	21Eps CMa	1.5020	26000.	110	34329	No
78	GOM_NL__2PRFIN20080923_090501_000000582072_00208_34330_8299.N1	23-SEP-2008 09:05:01	Dark	58.000	2	Alp Car	-0.73600	7000.0	116	34330	No
79	GOM_NL__2PRFIN20080923_091622_000000512072_00208_34330_8300.N1	23-SEP-2008 09:16:22	Dark	50.500	9	Alp Eri	0.45300	24000.	101	34330	No
80	GOM_NL__2PRFIN20080923_092155_000000442072_00208_34330_8301.N1	23-SEP-2008 09:21:55	Straylight	44.000	84	Alp Phe	2.3970	4500.0	88	34330	No
81	GOM_NL__2PRFIN20080923_092909_000000492072_00208_34330_8302.N1	23-SEP-2008 09:29:09	Tw_i_and_stray	48.500	52	16Bet Cet	2.0370	4500.0	97	34330	No
82	GOM_NL__2PRFIN20080923_093934_000000382072_00208_34330_8303.N1	23-SEP-2008 09:39:34	Bright	38.000	90	54Alp Peg	2.4870	11000.	76	34330	No
83	GOM_NL__2PRFIN20080923_094318_000000392072_00208_34330_8304.N1	23-SEP-2008 09:43:18	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34330	No
84	GOM_NL__2PRFIN20080923_094440_000000432072_00208_34330_8305.N1	23-SEP-2008 09:44:40	Bright	43.000	58	21Alp And	2.0730	11000.	86	34330	No
85	GOM_NL__2PRFIN20080923_095310_000000402072_00208_34330_8306.N1	23-SEP-2008 09:53:10	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	34330	No
86	GOM_NL__2PRFIN20080923_095444_000000412072_00208_34330_8307.N1	23-SEP-2008 09:54:44	Bright	40.500	76	27Gam Cas	2.3000	30000.	81	34330	No
87	GOM_NL__2PRFIN20080923_101942_000000482072_00208_34330_8308.N1	23-SEP-2008 10:19:42	Bright	48.000	17	78Bet Gem	1.1610	4500.0	96	34330	No
88	GOM_NL__2PRFIN20080923_102758_000000602072_00208_34330_8309.N1	23-SEP-2008 10:27:58	Dark	60.000	8	10Alp CMi	0.40000	6500.0	120	34330	No
89	GOM_NL__2PRFIN20080923_103517_000000422072_00208_34330_8310.N1	23-SEP-2008 10:35:17	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	34330	No
90	GOM_NL__2PRFIN20080923_103829_000000462072_00208_34330_8311.N1	23-SEP-2008 10:38:29	Dark	46.000	88	31Eta CMa	2.4480	20000.	92	34330	No
91	GOM_NL__2PRFIN20080923_103953_000000532072_00208_34330_8312.N1	23-SEP-2008 10:39:53	Dark	53.000	23	21Eps CMa	1.5020	26000.	106	34330	No
92	GOM_NL__2PRFIN20080923_104415_000000422072_00209_34331_8309.N1	23-SEP-2008 10:44:15	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	34331	No
93	GOM_NL__2PRFIN20080923_104538_000000492072_00209_34331_8310.N1	23-SEP-2008 10:45:38	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	34331	No
94	GOM_NL__2PRFIN20080923_105658_000000432072_00209_34331_8311.N1	23-SEP-2008 10:56:58	Dark	43.000	9	Alp Eri	0.45300	24000.	86	34331	No
95	GOM_NL__2PRFIN20080923_110231_000000432072_00209_34331_8312.N1	23-SEP-2008 11:02:31	Straylight	43.000	84	Alp Phe	2.3970	4500.0	86	34331	No
96	GOM_NL__2PRFIN20080923_110945_000000512072_00209_34331_8313.N1	23-SEP-2008 11:09:45	Tw_i_and_stray	51.000	52	16Bet Cet	2.0370	4500.0	102	34331	No
97	GOM_NL__2PRFIN20080923_112010_000000362072_00209_34331_8314.N1	23-SEP-2008 11:20:10	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	34331	No
98	GOM_NL__2PRFIN20080923_112354_000000362072_00209_34331_8315.N1	23-SEP-2008 11:23:54	Bright	36.000	93	53Bet Peg	2.5200	3100.0	72	34331	No
99	GOM_NL__2PRFIN20080923_112516_000000432072_00209_34331_8316.N1	23-SEP-2008 11:25:16	Bright	42.500	58	21Alp And	2.0730	11000.	85	34331	No
100	GOM_NL__2PRFIN20080923_113345_000000402072_00209_34331_8317.N1	23-SEP-2008 11:33:45	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	34331	No
101	GOM_NL__2PRFIN20080923_113519_000000422072_00209_34331_8318.N1	23-SEP-2008 11:35:19	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	34331	No

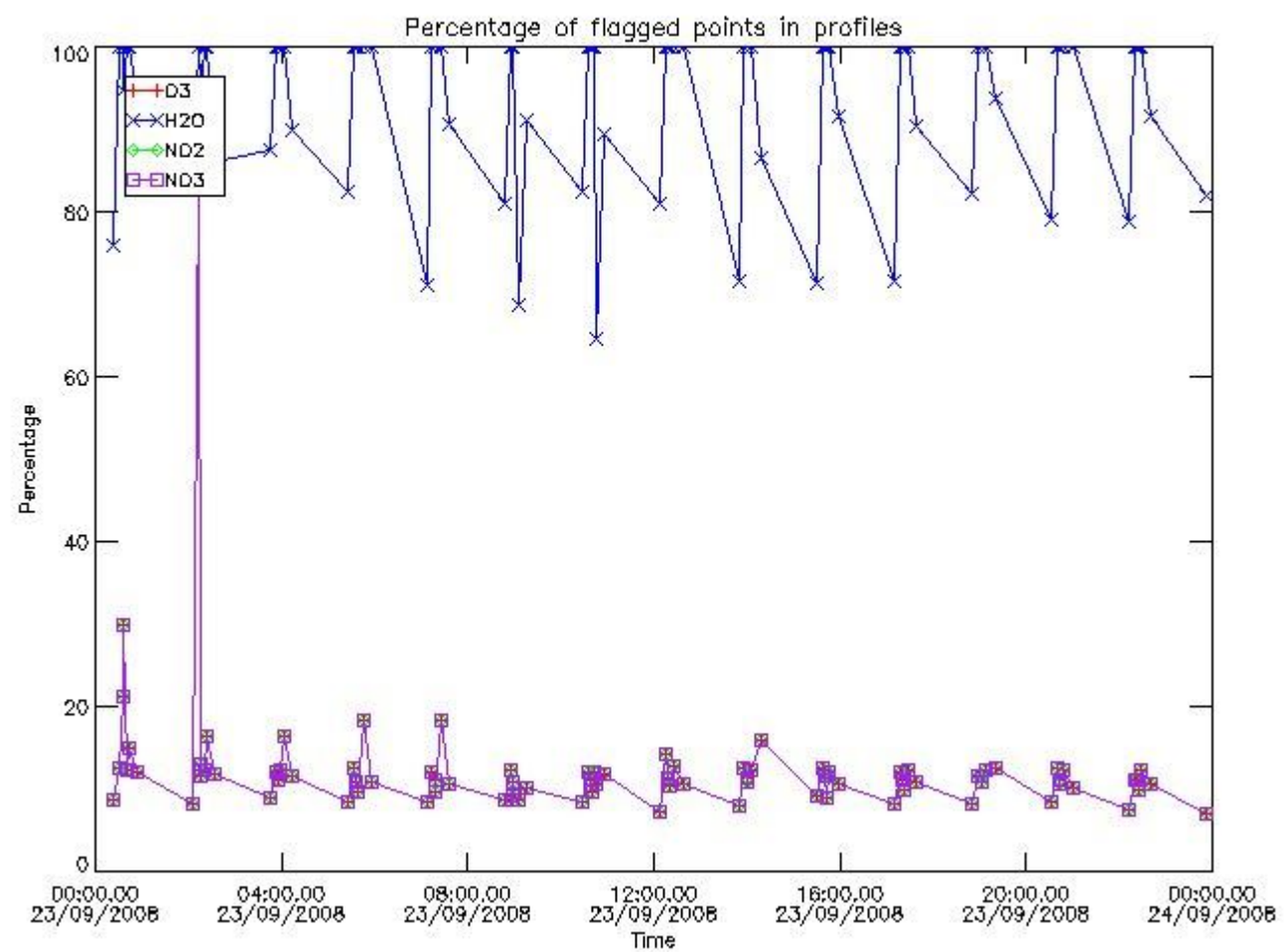
102	GOM_NL__2PRFIN20080923_120018_000000532072_00209_34331_8319.N1	23-SEP-2008 12:00:18	Bright	53.000	17	78Bet Gem	1.1610	4500.0	106	34331	No
103	GOM_NL__2PRFIN20080923_120835_000000712072_00209_34331_8320.N1	23-SEP-2008 12:08:35	Dark	71.000	8	10Alp CMi	0.40000	6500.0	142	34331	No
104	GOM_NL__2PRFIN20080923_121553_000000402072_00209_34331_8321.N1	23-SEP-2008 12:15:53	Dark	39.500	132	15Rho Pup	2.8030	6900.0	79	34331	No
105	GOM_NL__2PRFIN20080923_121906_000000452072_00209_34331_8322.N1	23-SEP-2008 12:19:06	Dark	45.000	88	31Eta CMa	2.4480	20000.	90	34331	No
106	GOM_NL__2PRFIN20080923_122030_000000492072_00209_34331_8323.N1	23-SEP-2008 12:20:30	Dark	49.000	23	21Eps CMa	1.5020	26000.	98	34331	No
107	GOM_NL__2PRFIN20080923_122451_000000402072_00210_34332_8325.N1	23-SEP-2008 12:24:51	Dark	40.000	161	Tau Pup	2.9310	4500.0	80	34332	No
108	GOM_NL__2PRFIN20080923_123735_000000492072_00210_34332_8326.N1	23-SEP-2008 12:37:35	Dark	48.500	9	Alp Eri	0.45300	24000.	97	34332	No
109	GOM_NL__2PRFIN20080923_124307_000000412072_00210_34332_8327.N1	23-SEP-2008 12:43:07	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	34332	No
110	GOM_NL__2PRFIN20080923_125021_000000532072_00210_34332_8328.N1	23-SEP-2008 12:50:21	Tw_i_and_stray	53.000	52	16Bet Cet	2.0370	4500.0	106	34332	No
111	GOM_NL__2PRFIN20080923_130045_000000372072_00210_34332_8329.N1	23-SEP-2008 13:00:45	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	34332	No
112	GOM_NL__2PRFIN20080923_130430_000000392072_00210_34332_8330.N1	23-SEP-2008 13:04:30	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	34332	No
113	GOM_NL__2PRFIN20080923_130551_000000432072_00210_34332_8331.N1	23-SEP-2008 13:05:51	Bright	43.000	58	21Alp And	2.0730	11000.	86	34332	No
114	GOM_NL__2PRFIN20080923_131421_000000402072_00210_34332_8332.N1	23-SEP-2008 13:14:21	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	34332	No
115	GOM_NL__2PRFIN20080923_131555_000000382072_00210_34332_8333.N1	23-SEP-2008 13:15:55	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	34332	No
116	GOM_NL__2PRFIN20080923_134054_000000512072_00210_34332_8334.N1	23-SEP-2008 13:40:54	Bright	50.500	17	78Bet Gem	1.1610	4500.0	101	34332	No
117	GOM_NL__2PRFIN20080923_134912_000000642072_00210_34332_8335.N1	23-SEP-2008 13:49:12	Dark	63.500	8	10Alp CMi	0.40000	6500.0	127	34332	No
118	GOM_NL__2PRFIN20080923_135630_000000412072_00210_34332_8336.N1	23-SEP-2008 13:56:30	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	34332	No
119	GOM_NL__2PRFIN20080923_135943_000000492072_00210_34332_8337.N1	23-SEP-2008 13:59:43	Dark	49.000	88	31Eta CMa	2.4480	20000.	98	34332	No
120	GOM_NL__2PRFIN20080923_140107_000000482072_00210_34332_8338.N1	23-SEP-2008 14:01:07	Dark	47.500	23	21Eps CMa	1.5020	26000.	95	34332	No
121	GOM_NL__2PRFIN20080923_140528_000000422072_00211_34333_8346.N1	23-SEP-2008 14:05:28	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	34333	No
122	GOM_NL__2PRFIN20080923_141811_000000422072_00211_34333_8347.N1	23-SEP-2008 14:18:11	Dark	41.500	9	Alp Eri	0.45300	24000.	83	34333	No
123	GOM_NL__2PRFIN20080923_142344_000000432072_00211_34333_8348.N1	23-SEP-2008 14:23:44	Straylight	42.500	84	Alp Phe	2.3970	4500.0	85	34333	No
124	GOM_NL__2PRFIN20080923_143057_000000532072_00211_34333_8349.N1	23-SEP-2008 14:30:57	Tw_i_and_stray	52.500	52	16Bet Cet	2.0370	4500.0	105	34333	No
125	GOM_NL__2PRFIN20080923_144121_000000382072_00211_34333_8350.N1	23-SEP-2008 14:41:21	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	34333	No
126	GOM_NL__2PRFIN20080923_144505_000000392072_00211_34333_8351.N1	23-SEP-2008 14:45:05	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34333	No
127	GOM_NL__2PRFIN20080923_144627_000000412072_00211_34333_8352.N1	23-SEP-2008 14:46:27	Bright	41.000	58	21Alp And	2.0730	11000.	82	34333	No
128	GOM_NL__2PRFIN20080923_145456_000000582072_00211_34333_8353.N1	23-SEP-2008 14:54:56	Bright	58.000	74	11Bet Cas	2.2680	6600.0	116	34333	No
129	GOM_NL__2PRFIN20080923_145630_000000422072_00211_34333_8354.N1	23-SEP-2008 14:56:30	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	34333	No
130	GOM_NL__2PRFIN20080923_152130_000000512072_00211_34333_8355.N1	23-SEP-2008 15:21:30	Bright	50.500	17	78Bet Gem	1.1610	4500.0	101	34333	No
131	GOM_NL__2PRFIN20080923_152948_000000622072_00211_34333_8356.N1	23-SEP-2008 15:29:48	Dark	61.500	8	10Alp CMi	0.40000	6500.0	123	34333	No
132	GOM_NL__2PRFIN20080923_153707_000000412072_00211_34333_8357.N1	23-SEP-2008 15:37:07	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	34333	No
133	GOM_NL__2PRFIN20080923_154019_000000452072_00211_34333_8358.N1	23-SEP-2008 15:40:19	Dark	44.500	88	31Eta CMa	2.4480	20000.	89	34333	No
134	GOM_NL__2PRFIN20080923_154144_000000582072_00211_34333_8359.N1	23-SEP-2008 15:41:44	Dark	57.500	23	21Eps CMa	1.5020	26000.	115	34333	No
135	GOM_NL__2PRFIN20080923_154605_000000422072_00212_34334_8359.N1	23-SEP-2008 15:46:05	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	34334	No
136	GOM_NL__2PRFIN20080923_155848_000000492072_00212_34334_8360.N1	23-SEP-2008 15:58:48	Dark	48.500	9	Alp Eri	0.45300	24000.	97	34334	No
137	GOM_NL__2PRFIN20080923_160420_000000422072_00212_34334_8361.N1	23-SEP-2008 16:04:20	Straylight	41.500	84	Alp Phe	2.3970	4500.0	83	34334	No
138	GOM_NL__2PRFIN20080923_161133_000000542072_00212_34334_8362.N1	23-SEP-2008 16:11:33	Tw_i_and_stray	53.500	52	16Bet Cet	2.0370	4500.0	107	34334	No
139	GOM_NL__2PRFIN20080923_162157_000000362072_00212_34334_8363.N1	23-SEP-2008 16:21:57	Bright	36.000	90	54Alp Peg	2.4870	11000.	72	34334	No
140	GOM_NL__2PRFIN20080923_162541_000000362072_00212_34334_8364.N1	23-SEP-2008 16:25:41	Bright	35.500	93	53Bet Peg	2.5200	3100.0	71	34334	No
141	GOM_NL__2PRFIN20080923_162702_000000442072_00212_34334_8365.N1	23-SEP-2008 16:27:02	Bright	43.500	58	21Alp And	2.0730	11000.	87	34334	No
142	GOM_NL__2PRFIN20080923_163532_000000402072_00212_34334_8366.N1	23-SEP-2008 16:35:32	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	34334	No
143	GOM_NL__2PRFIN20080923_163706_000000382072_00212_34334_8367.N1	23-SEP-2008 16:37:06	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	34334	No
144	GOM_NL__2PRFIN20080923_170206_000000512072_00212_34334_8368.N1	23-SEP-2008 17:02:06	Bright	50.500	17	78Bet Gem	1.1610	4500.0	101	34334	No
145	GOM_NL__2PRFIN20080923_171025_000000622072_00212_34334_8369.N1	23-SEP-2008 17:10:25	Dark	62.000	8	10Alp CMi	0.40000	6500.0	124	34334	No
146	GOM_NL__2PRFIN20080923_171743_000000422072_00212_34334_8370.N1	23-SEP-2008 17:17:43	Dark	42.000	132	15Rho Pup	2.8030	6900.0	84	34334	No
147	GOM_NL__2PRFIN20080923_172056_000000462072_00212_34334_8371.N1	23-SEP-2008 17:20:56	Dark	45.500	88	31Eta CMa	2.4480	20000.	91	34334	No
148	GOM_NL__2PRFIN20080923_172221_000000522072_00212_34334_8372.N1	23-SEP-2008 17:22:21	Dark	52.000	23	21Eps CMa	1.5020	26000.	104	34334	No
149	GOM_NL__2PRFIN20080923_172641_000000422072_00213_34335_8371.N1	23-SEP-2008 17:26:41	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	34335	No
150	GOM_NL__2PRFIN20080923_173924_000000522072_00213_34335_8372.N1	23-SEP-2008 17:39:24	Dark	51.500	9	Alp Eri	0.45300	24000.	103	34335	No
151	GOM_NL__2PRFIN20080923_174456_000000422072_00213_34335_8373.N1	23-SEP-2008 17:44:56	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	34335	No
152	GOM_NL__2PRFIN20080923_175210_000000492072_00213_34335_8374.N1	23-SEP-2008 17:52:10	Tw_i_and_stray	48.500	52	16Bet Cet	2.0370	4500.0	97	34335	No
153	GOM_NL__2PRFIN20080923_180233_000000382072_00213_34335_8375.N1	23-SEP-2008 18:02:33	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	34335	No
154	GOM_NL__2PRFIN20080923_180617_000000392072_00213_34335_8376.N1	23-SEP-2008 18:06:17	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34335	No
155	GOM_NL__2PRFIN20080923_180738_000000412072_00213_34335_8377.N1	23-SEP-2008 18:07:38	Bright	41.000	58	21Alp And	2.0730	11000.	82	34335	No
156	GOM_NL__2PRFIN20080923_181607_000000402072_00213_34335_8378.N1	23-SEP-2008 18:16:07	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	34335	No
157	GOM_NL__2PRFIN20080923_181741_000000412072_00213_34335_8379.N1	23-SEP-2008 18:17:41	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	34335	No
158	GOM_NL__2PRFIN20080923_184242_000000532072_00213_34335_8380.N1	23-SEP-2008 18:42:42	Bright	52.500	17	78Bet Gem	1.1610	4500.0	105	34335	No
159	GOM_NL__2PRFIN20080923_185102_000000632072_00213_34335_8381.N1	23-SEP-2008 18:51:02	Dark	62.500	8	10Alp CMi	0.40000	6500.0	125	34335	No
160	GOM_NL__2PRFIN20080923_185820_000000452072_00213_34335_8382.N1	23-SEP-2008 18:58:20	Dark	44.500	132	15Rho Pup	2.8030	6900.0	89	34335	No

161	GOM_NL__2PRFIN20080923_190133_000000452072_00213_34335_8383.N1	23-SEP-2008 19:01:33	Dark	44.500	88	31Eta CMa	2.4480	20000.	89	34335	No
162	GOM_NL__2PRFIN20080923_190258_000000522072_00213_34335_8384.N1	23-SEP-2008 19:02:58	Dark	51.500	23	21Eps CMa	1.5020	26000.	103	34335	No
163	GOM_NL__2PRFIN20080923_190718_000000422072_00214_34336_8384.N1	23-SEP-2008 19:07:18	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	34336	No
164	GOM_NL__2PRFIN20080923_192000_000000402072_00214_34336_8385.N1	23-SEP-2008 19:20:00	Dark	40.000	9	Alp Eri	0.45300	24000.	80	34336	No
165	GOM_NL__2PRFIN20080923_192533_000000412072_00214_34336_8386.N1	23-SEP-2008 19:25:33	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	34336	No
166	GOM_NL__2PRFIN20080923_193246_000000502072_00214_34336_8387.N1	23-SEP-2008 19:32:46	Twilight_stray	50.000	52	16Bet Cet	2.0370	4500.0	100	34336	No
167	GOM_NL__2PRFIN20080923_194309_000000372072_00214_34336_8388.N1	23-SEP-2008 19:43:09	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	34336	No
168	GOM_NL__2PRFIN20080923_194653_000000392072_00214_34336_8389.N1	23-SEP-2008 19:46:53	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	34336	No
169	GOM_NL__2PRFIN20080923_194813_000000432072_00214_34336_8390.N1	23-SEP-2008 19:48:13	Bright	42.500	58	21Alp And	2.0730	11000.	85	34336	No
170	GOM_NL__2PRFIN20080923_195643_000000402072_00214_34336_8391.N1	23-SEP-2008 19:56:43	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	34336	No
171	GOM_NL__2PRFIN20080923_195817_000000412072_00214_34336_8392.N1	23-SEP-2008 19:58:17	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	34336	No
172	GOM_NL__2PRFIN20080923_202319_000000522072_00214_34336_8393.N1	23-SEP-2008 20:23:19	Bright	52.000	17	78Bet Gem	1.1610	4500.0	104	34336	No
173	GOM_NL__2PRFIN20080923_203138_000000602072_00214_34336_8394.N1	23-SEP-2008 20:31:38	Dark	60.000	8	10Alp CMi	0.40000	6500.0	120	34336	No
174	GOM_NL__2PRFIN20080923_203856_000000412072_00214_34336_8395.N1	23-SEP-2008 20:38:56	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	34336	No
175	GOM_NL__2PRFIN20080923_204210_000000462072_00214_34336_8396.N1	23-SEP-2008 20:42:10	Dark	46.000	88	31Eta CMa	2.4480	20000.	92	34336	No
176	GOM_NL__2PRFIN20080923_204335_000000482072_00214_34336_8397.N1	23-SEP-2008 20:43:35	Dark	48.000	23	21Eps CMa	1.5020	26000.	96	34336	No
177	GOM_NL__2PRFIN20080923_204755_000000422072_00215_34337_8395.N1	23-SEP-2008 20:47:55	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	34337	No
178	GOM_NL__2PRFIN20080923_210037_000000502072_00215_34337_8396.N1	23-SEP-2008 21:00:37	Dark	50.000	9	Alp Eri	0.45300	24000.	100	34337	No
179	GOM_NL__2PRFIN20080923_210609_000000422072_00215_34337_8397.N1	23-SEP-2008 21:06:09	Straylight	42.000	84	Alp Phe	2.3970	4500.0	84	34337	No
180	GOM_NL__2PRFIN20080923_211322_000000542072_00215_34337_8398.N1	23-SEP-2008 21:13:22	Twilight_stray	53.500	52	16Bet Cet	2.0370	4500.0	107	34337	No
181	GOM_NL__2PRFIN20080923_212345_000000382072_00215_34337_8399.N1	23-SEP-2008 21:23:45	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	34337	No
182	GOM_NL__2PRFIN20080923_212729_000000392072_00215_34337_8400.N1	23-SEP-2008 21:27:29	Bright	38.500	93	53Bet Peg	2.5200	3100.0	77	34337	No
183	GOM_NL__2PRFIN20080923_212849_000000422072_00215_34337_8401.N1	23-SEP-2008 21:28:49	Bright	41.500	58	21Alp And	2.0730	11000.	83	34337	No
184	GOM_NL__2PRFIN20080923_213719_000000392072_00215_34337_8402.N1	23-SEP-2008 21:37:19	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	34337	No
185	GOM_NL__2PRFIN20080923_213852_000000422072_00215_34337_8403.N1	23-SEP-2008 21:38:52	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	34337	No
186	GOM_NL__2PRFIN20080923_220355_000000512072_00215_34337_8404.N1	23-SEP-2008 22:03:55	Bright	51.000	17	78Bet Gem	1.1610	4500.0	102	34337	No
187	GOM_NL__2PRFIN20080923_221215_000000682072_00215_34337_8405.N1	23-SEP-2008 22:12:15	Dark	68.000	8	10Alp CMi	0.40000	6500.0	136	34337	No
188	GOM_NL__2PRFIN20080923_221933_000000462072_00215_34337_8406.N1	23-SEP-2008 22:19:33	Dark	46.000	132	15Rho Pup	2.8030	6900.0	92	34337	No
189	GOM_NL__2PRFIN20080923_222247_000000462072_00215_34337_8407.N1	23-SEP-2008 22:22:47	Dark	46.000	88	31Eta CMa	2.4480	20000.	92	34337	No
190	GOM_NL__2PRFIN20080923_222412_000000522072_00215_34337_8408.N1	23-SEP-2008 22:24:12	Dark	51.500	23	21Eps CMa	1.5020	26000.	103	34337	No
191	GOM_NL__2PRFIN20080923_222831_000000422072_00216_34338_8421.N1	23-SEP-2008 22:28:31	Dark	41.500	161	Tau Pup	2.9310	4500.0	83	34338	No
192	GOM_NL__2PRFIN20080923_224113_000000492072_00216_34338_8422.N1	23-SEP-2008 22:41:13	Dark	48.500	9	Alp Eri	0.45300	24000.	97	34338	No
193	GOM_NL__2PRFIN20080923_224645_000000472072_00216_34338_8423.N1	23-SEP-2008 22:46:45	Straylight	46.500	84	Alp Phe	2.3970	4500.0	93	34338	No
194	GOM_NL__2PRFIN20080923_225358_000000532072_00216_34338_8424.N1	23-SEP-2008 22:53:58	Twilight_stray	52.500	52	16Bet Cet	2.0370	4500.0	105	34338	No
195	GOM_NL__2PRFIN20080923_230421_000000382072_00216_34338_8425.N1	23-SEP-2008 23:04:21	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	34338	No
196	GOM_NL__2PRFIN20080923_230804_000000372072_00216_34338_8426.N1	23-SEP-2008 23:08:04	Bright	37.000	93	53Bet Peg	2.5200	3100.0	74	34338	No
197	GOM_NL__2PRFIN20080923_230924_000000412072_00216_34338_8427.N1	23-SEP-2008 23:09:24	Bright	41.000	58	21Alp And	2.0730	11000.	82	34338	No
198	GOM_NL__2PRFIN20080923_231754_000000402072_00216_34338_8428.N1	23-SEP-2008 23:17:54	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	34338	No
199	GOM_NL__2PRFIN20080923_231928_000000412072_00216_34338_8429.N1	23-SEP-2008 23:19:28	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	34338	No
200	GOM_NL__2PRFIN20080923_234431_000000512072_00216_34338_8430.N1	23-SEP-2008 23:44:31	Bright	51.000	17	78Bet Gem	1.1610	4500.0	102	34338	No
201	GOM_NL__2PRFIN20080923_235252_000000722072_00216_34338_8431.N1	23-SEP-2008 23:52:52	Dark	71.500	8	10Alp CMi	0.40000	6500.0	143	34338	No

3. Quality information per product

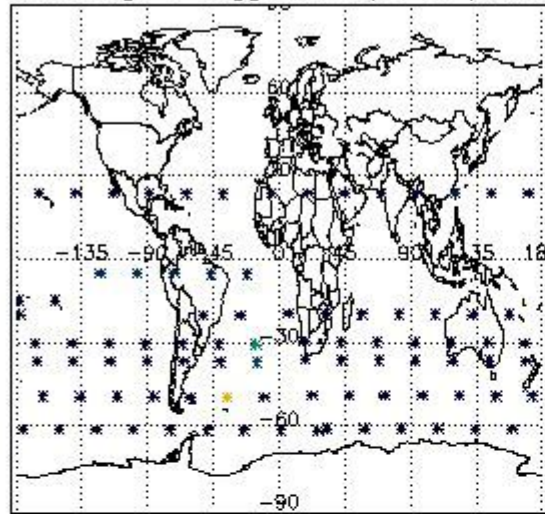
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

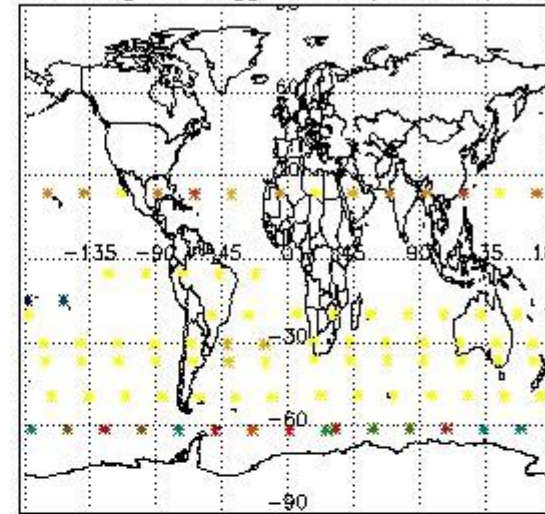


3.2 Plot quality information per product (world map)

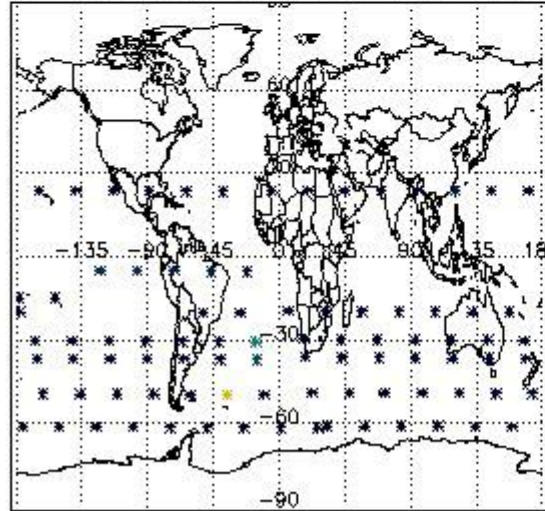
Percentage of flagged data per O3 profile



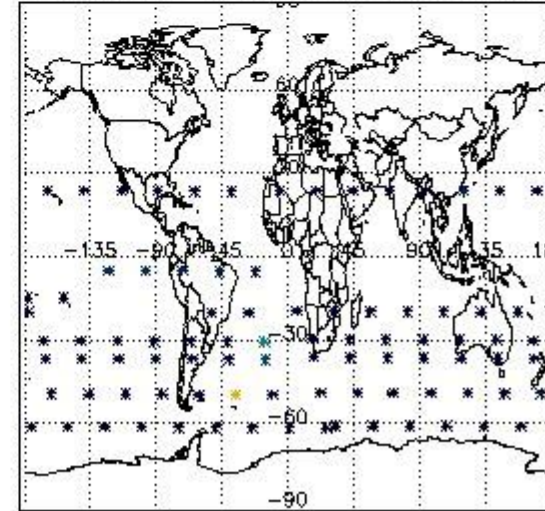
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

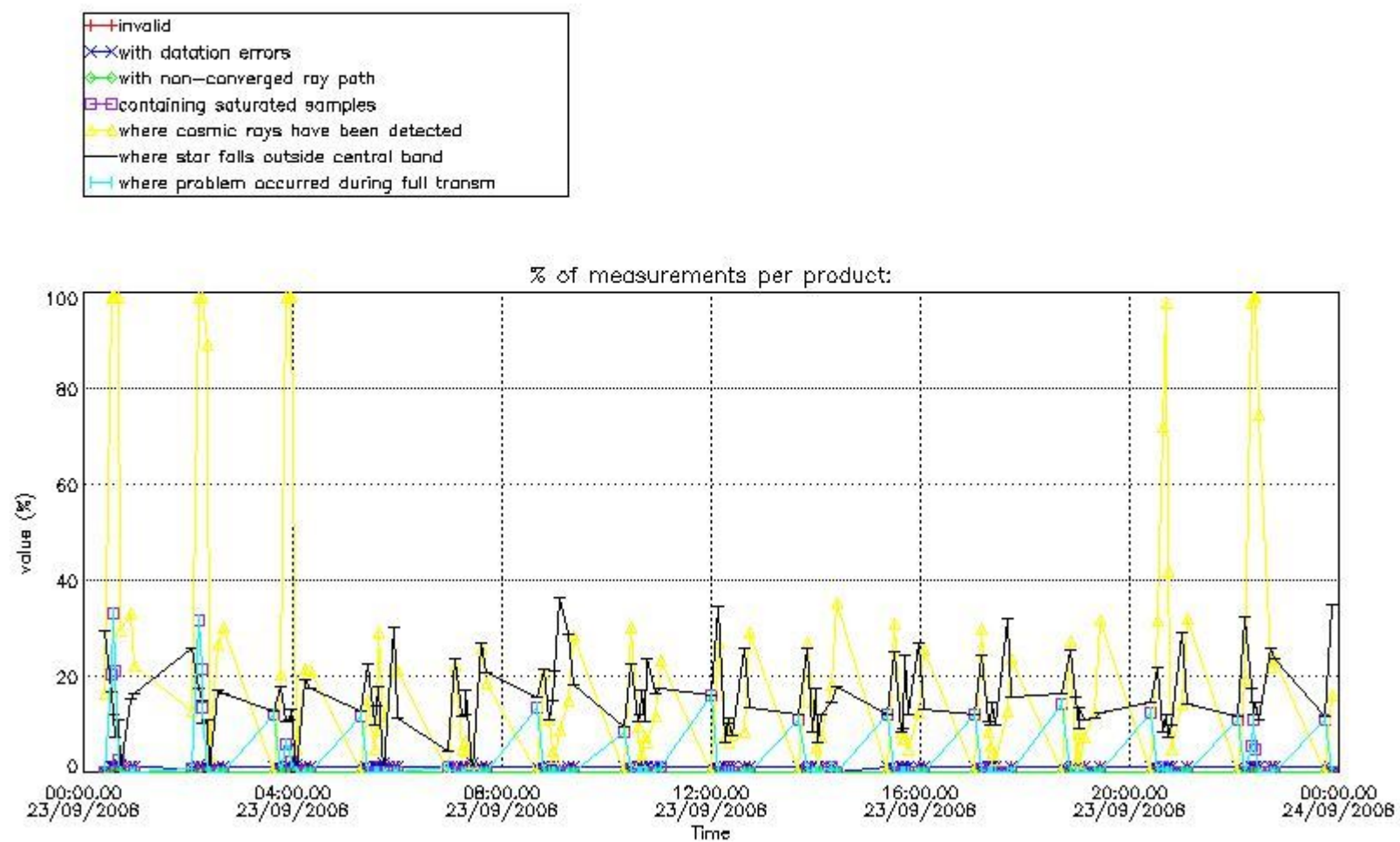


4. Level 1 quality information per product

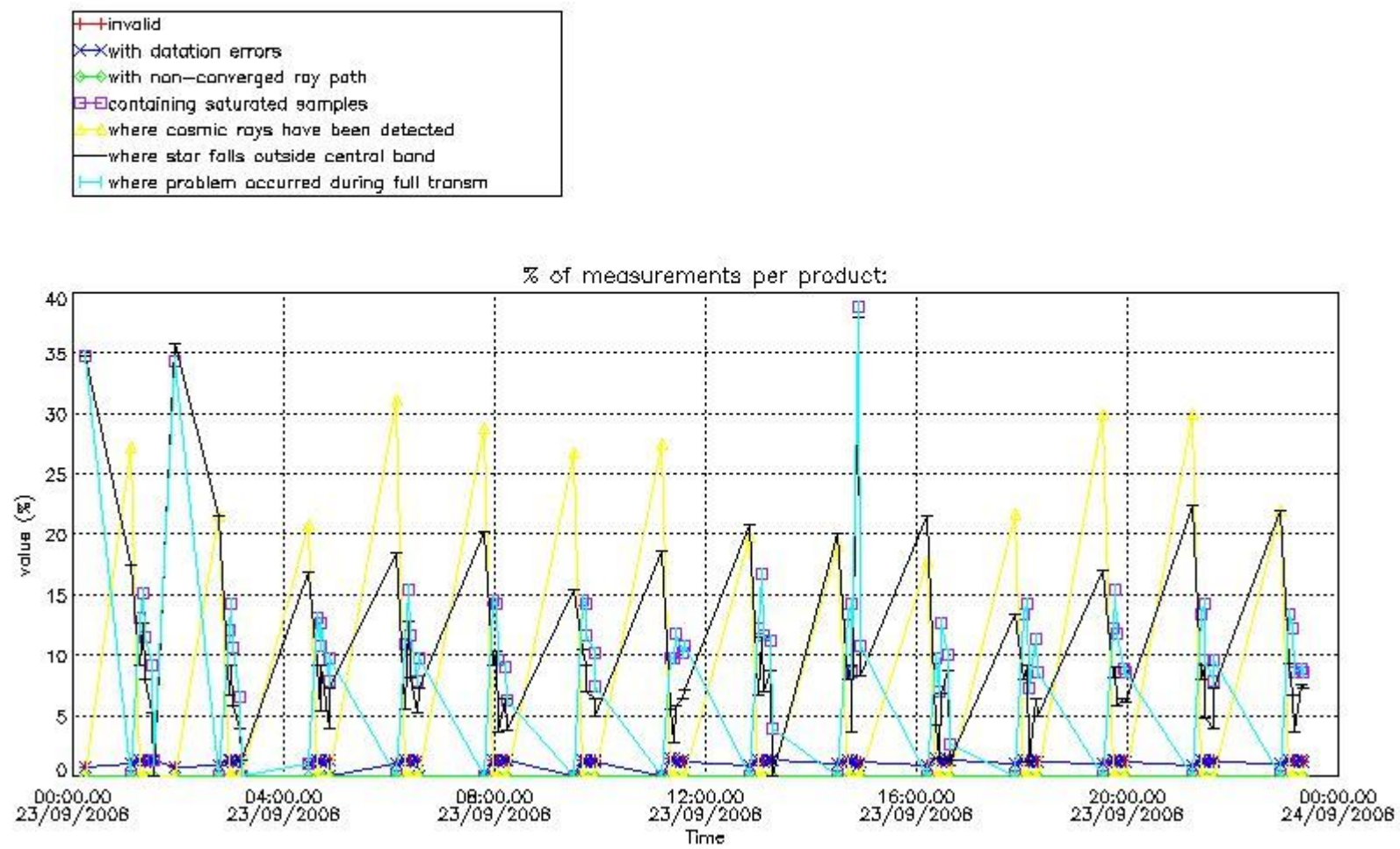
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



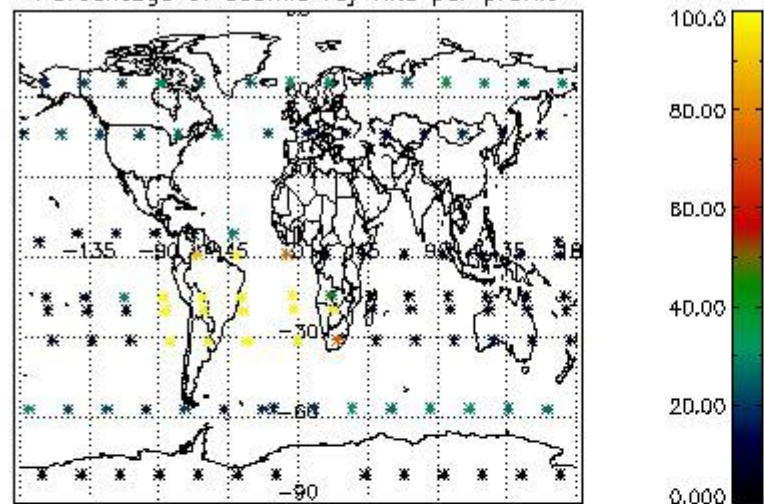
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



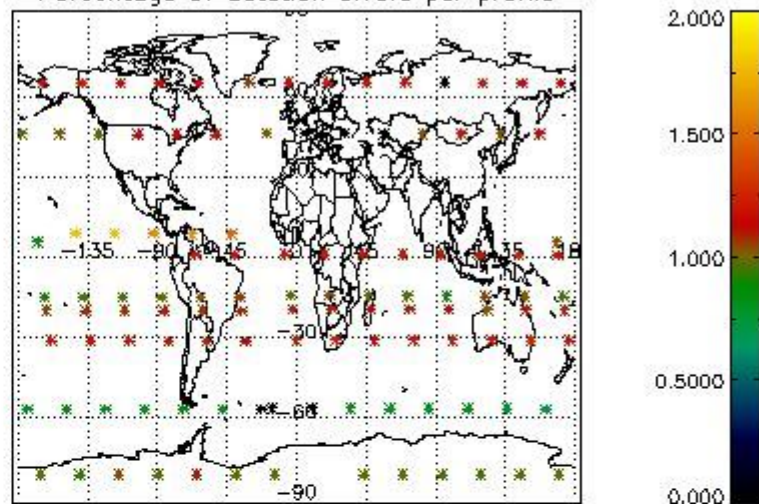
4.2 Plot quality information per product coming from level 1b processing (world map)

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

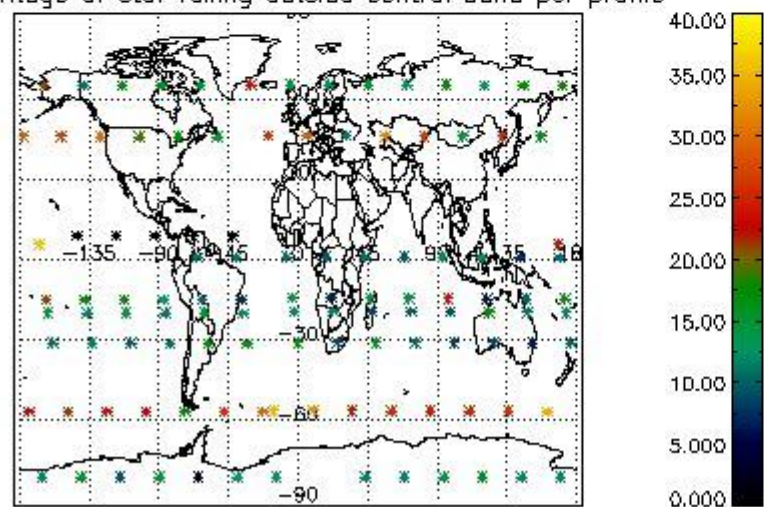
Percentage of cosmic ray hits per profile



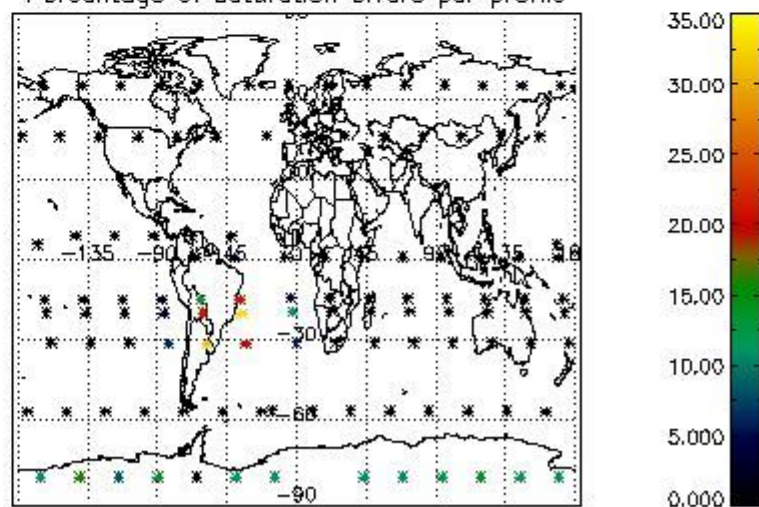
Percentage of datation errors per profile



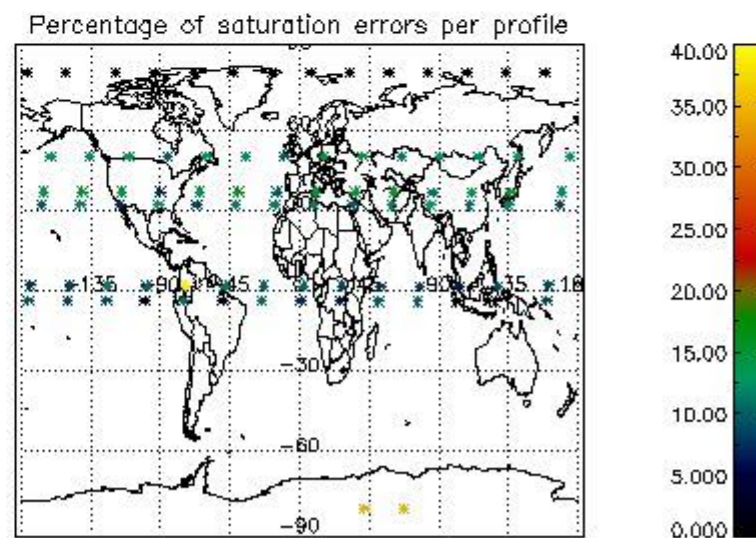
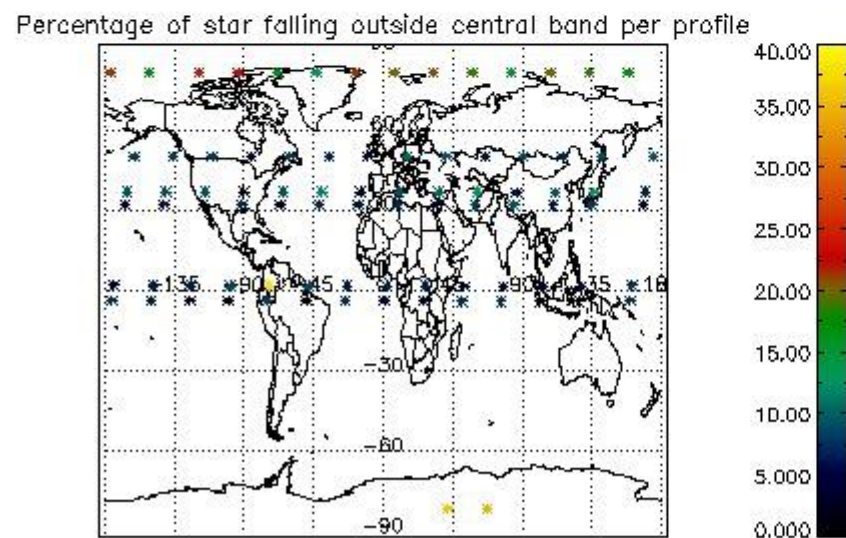
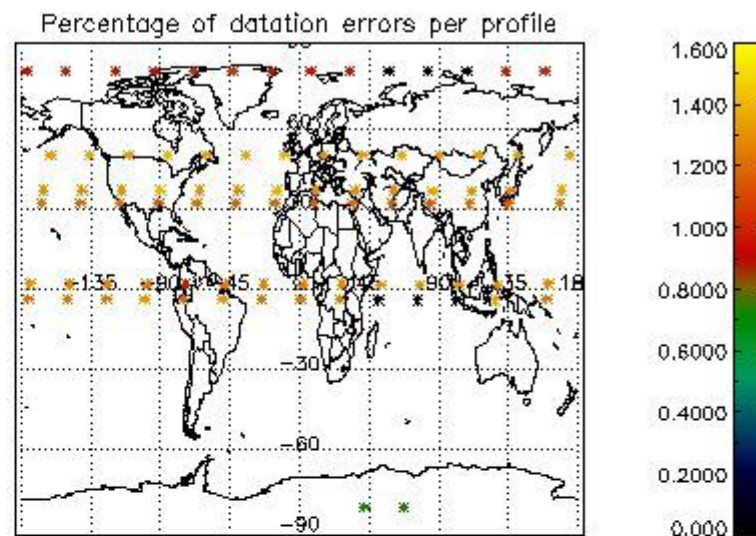
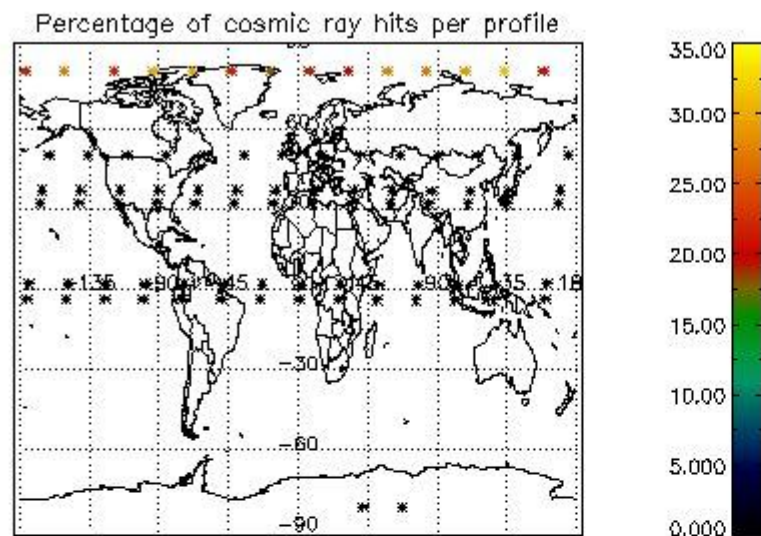
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

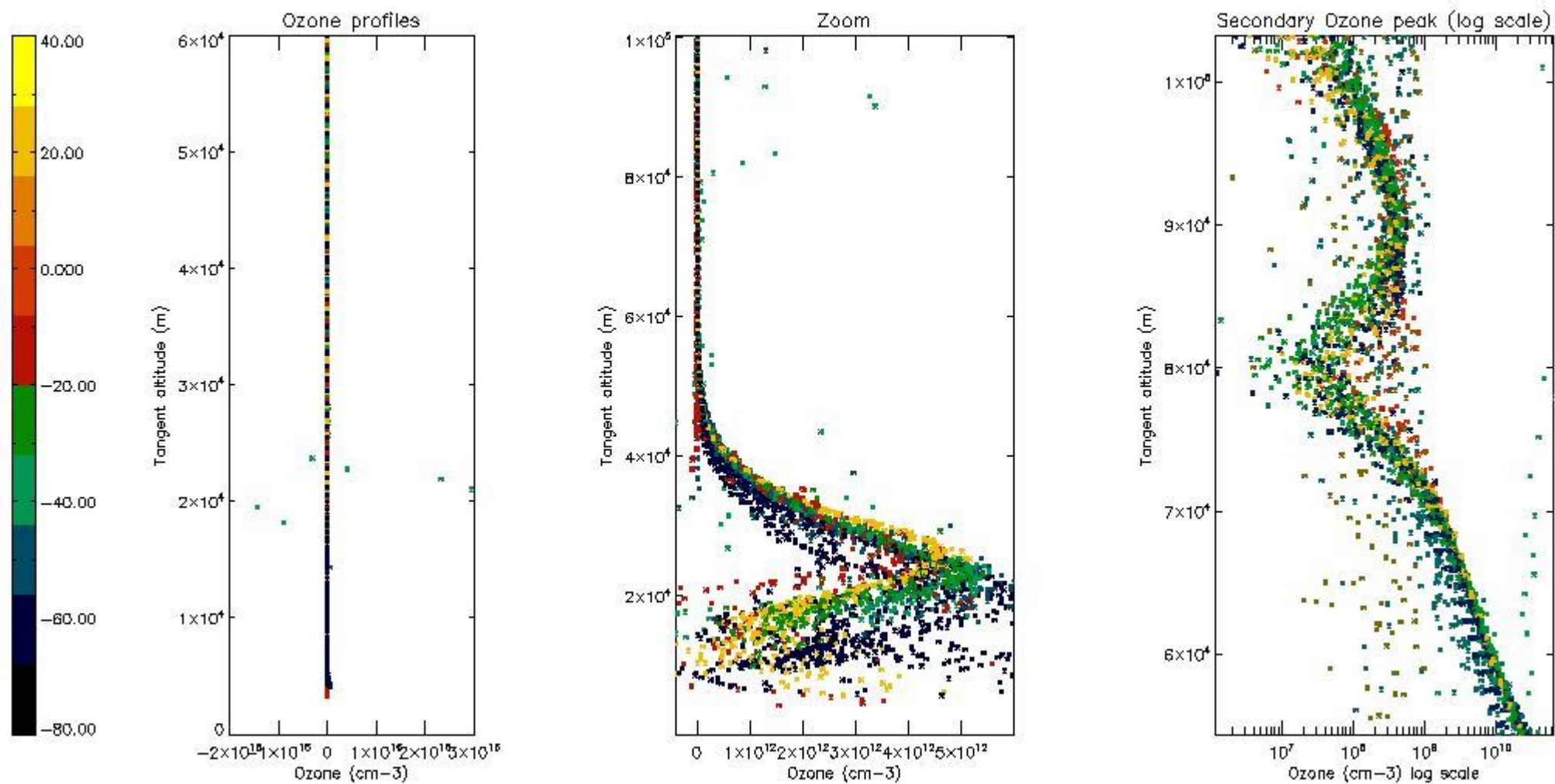
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	47
STD < 20	27

STD < 10	20
STD < 5	16

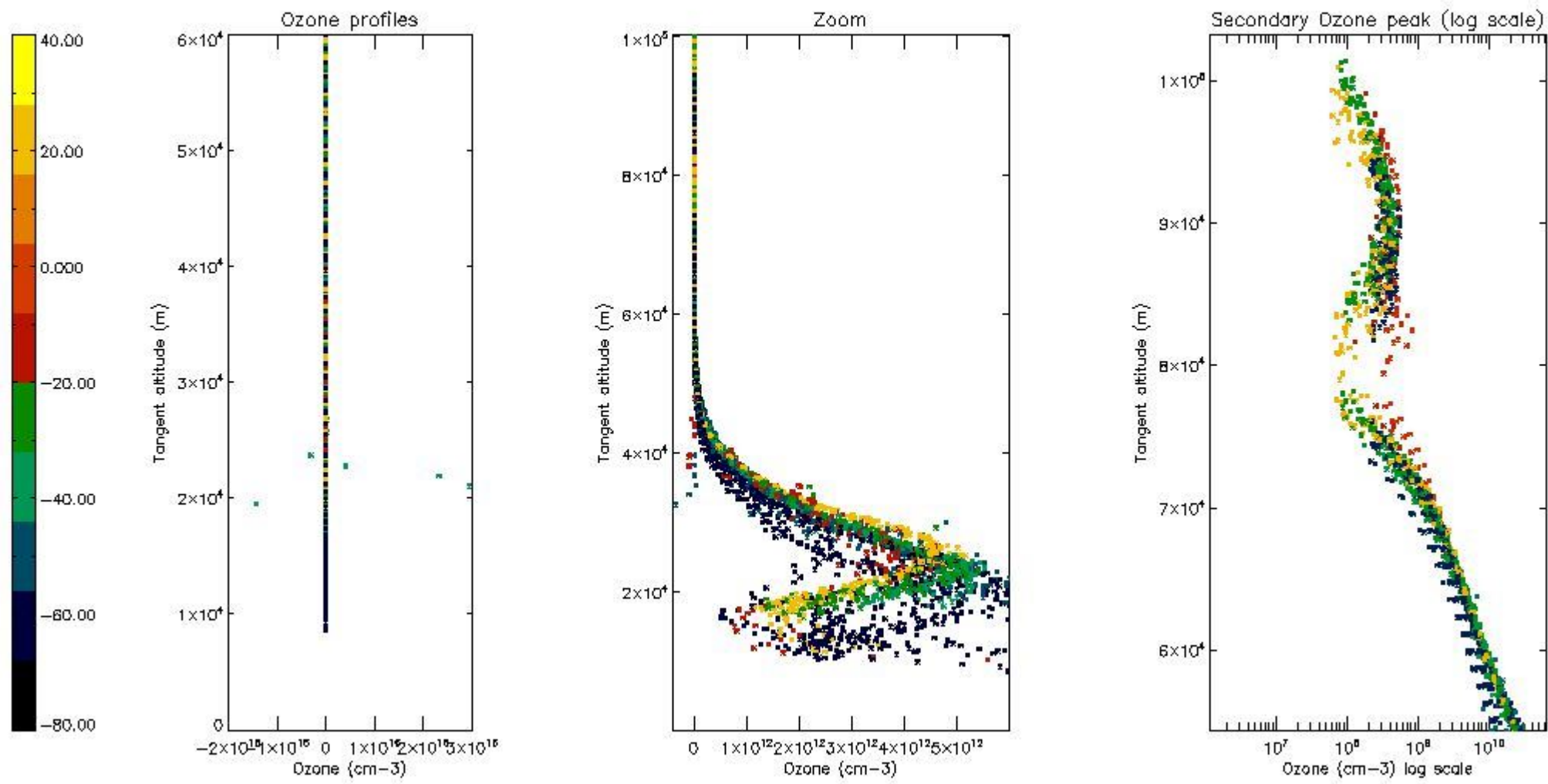
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



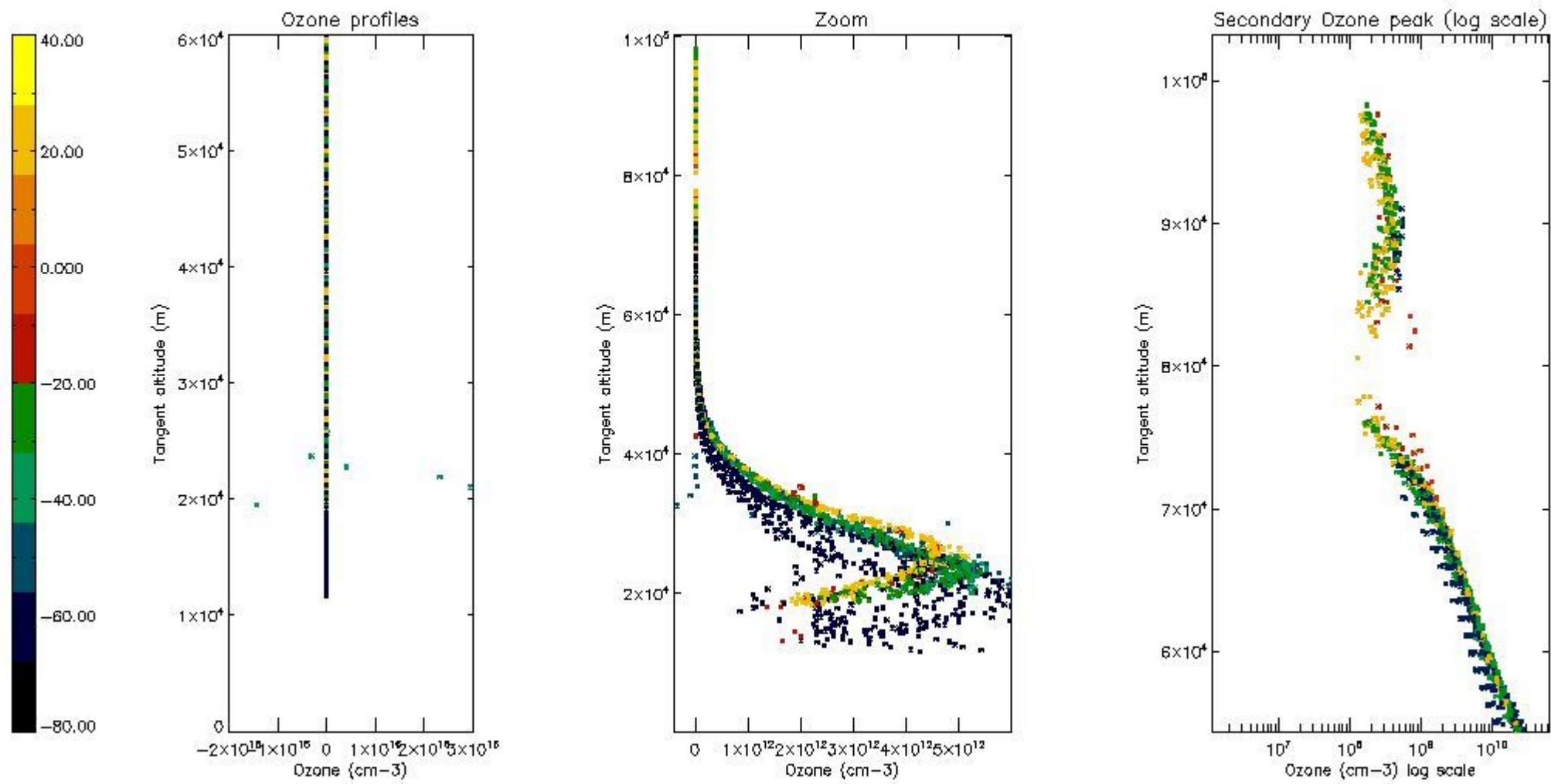
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



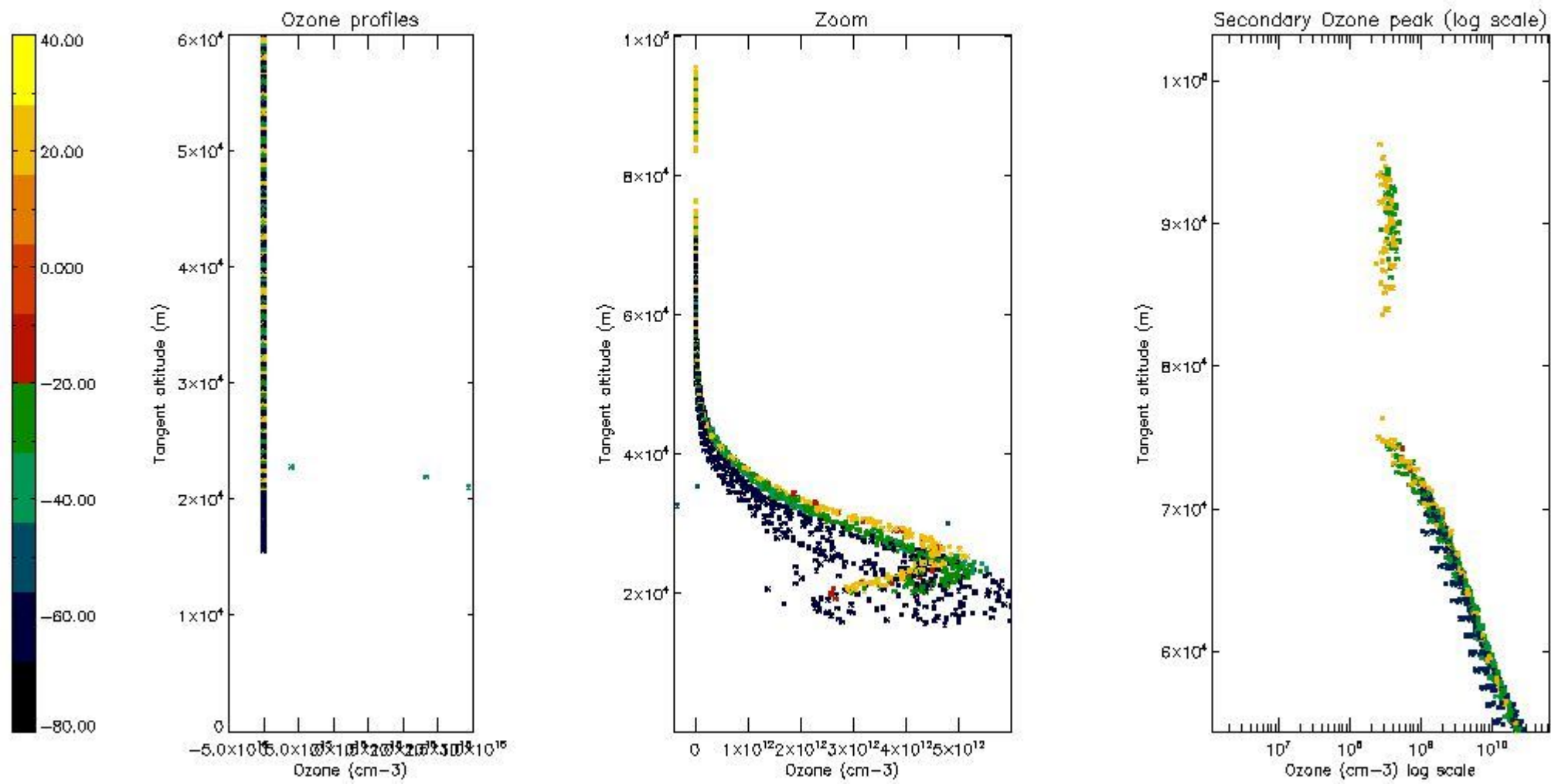
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



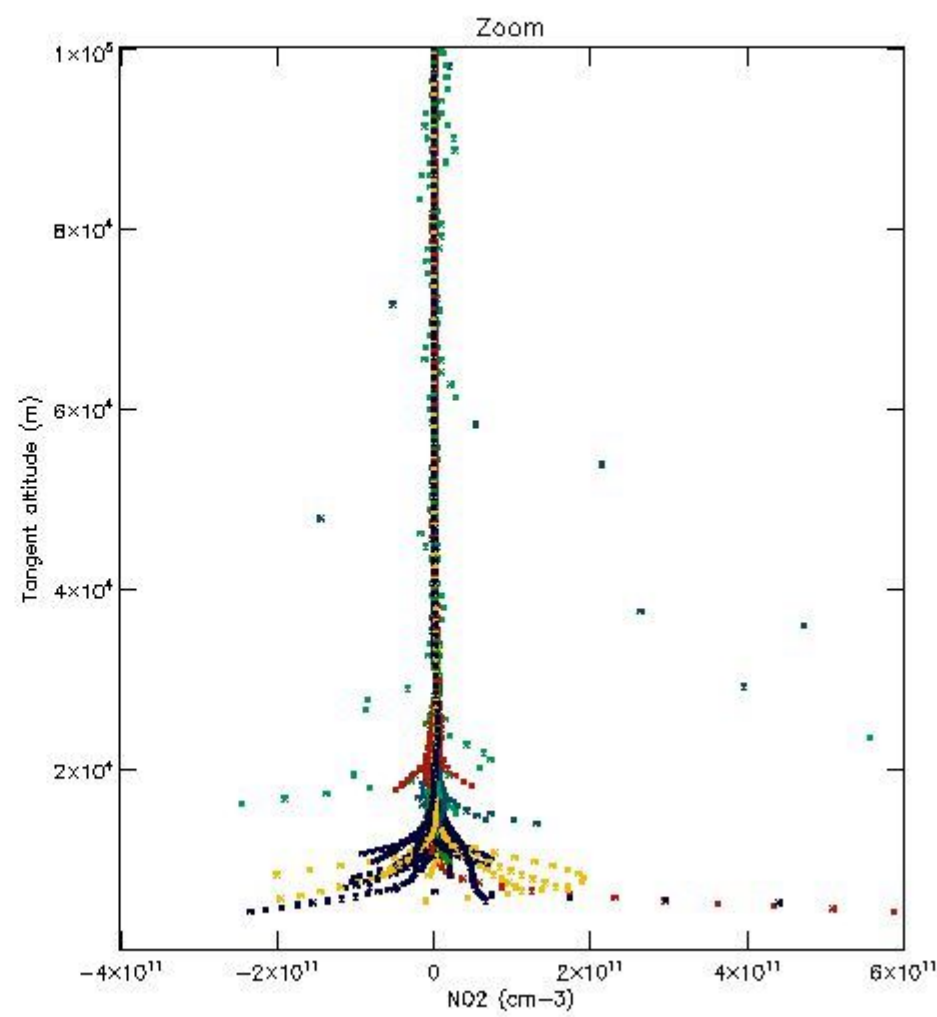
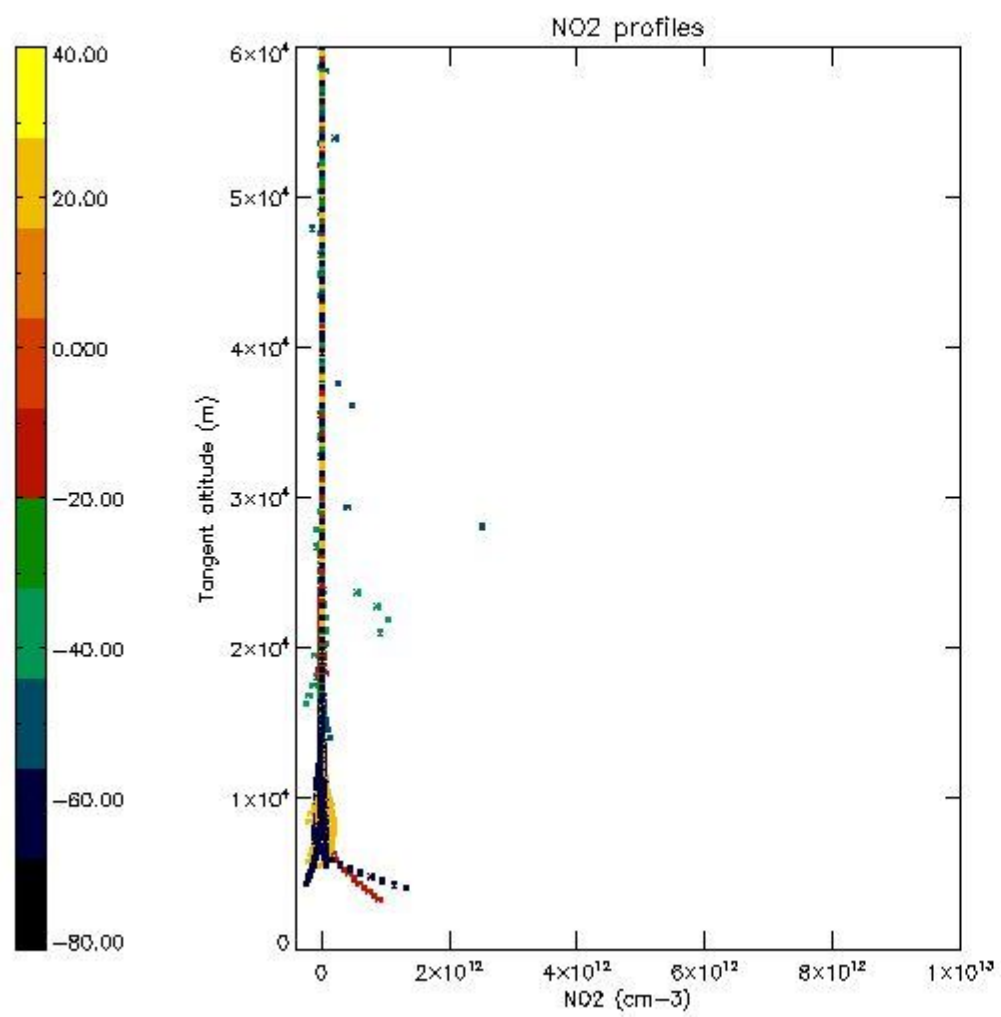
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



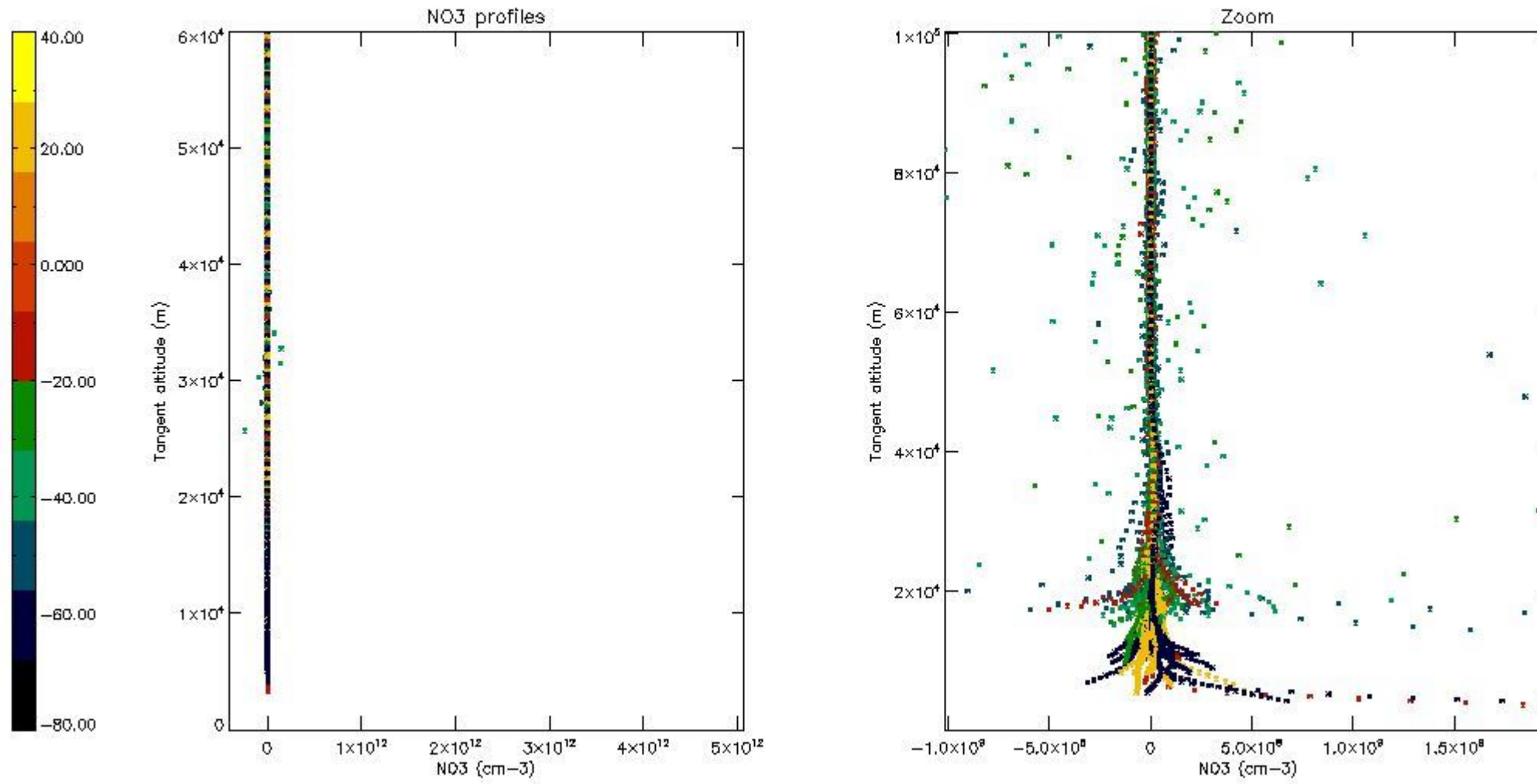
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

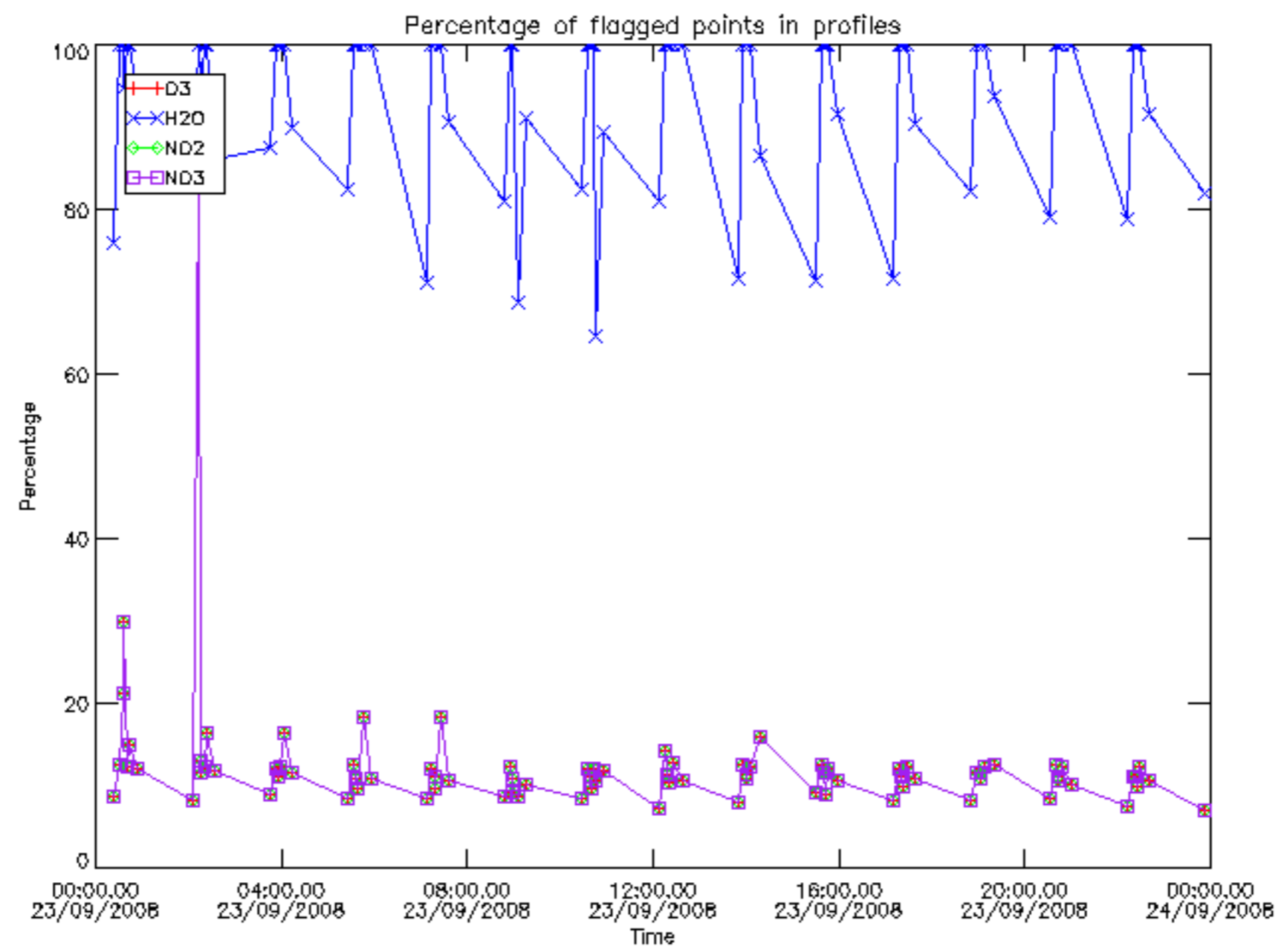
The colorbar represents the latitude.



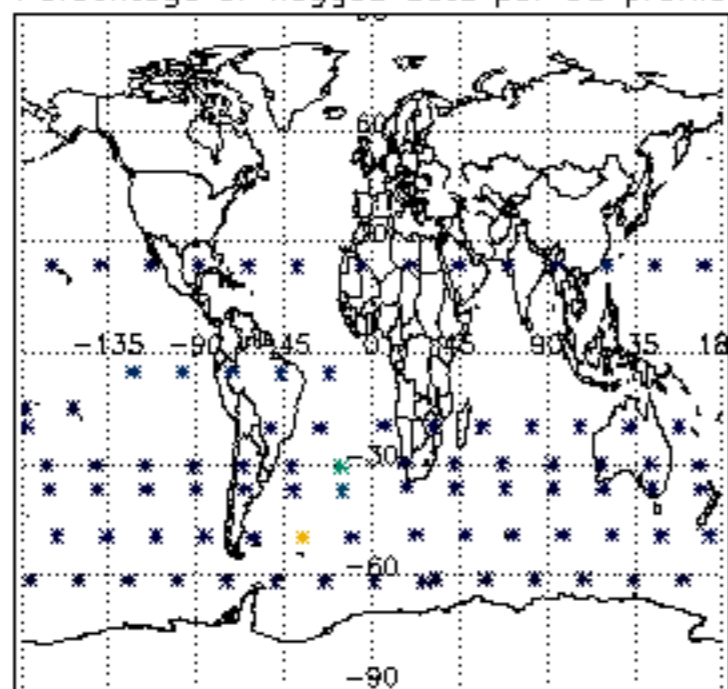
6. Auxiliary Data Files used for the production reported in section 2

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.

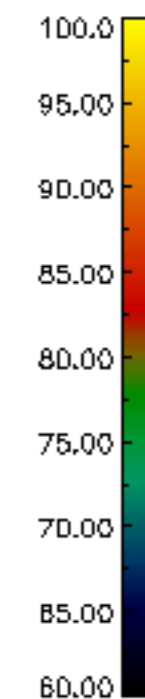
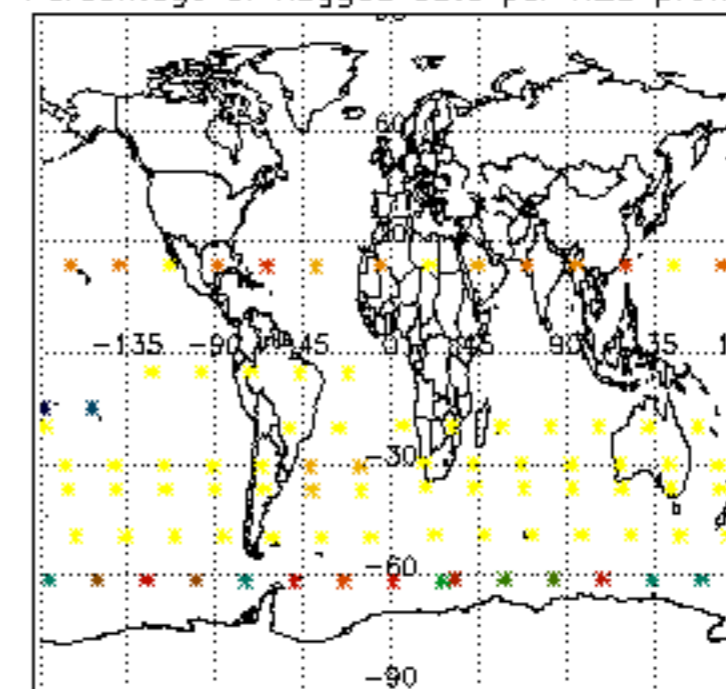
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	23-SEP-2008 00:14:47
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-SEP-2008 00:14:47
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-SEP-2008 00:14:47



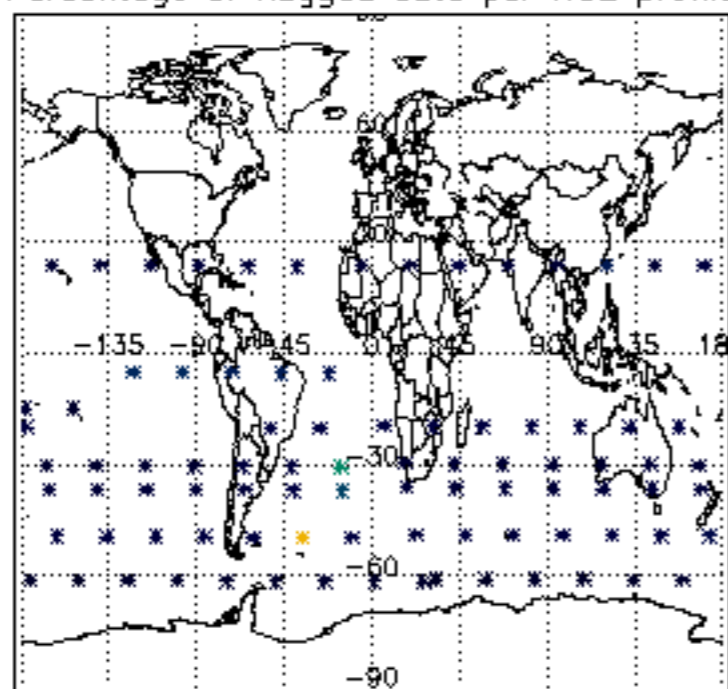
Percentage of flagged data per D3 profile



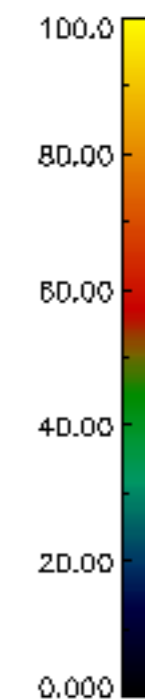
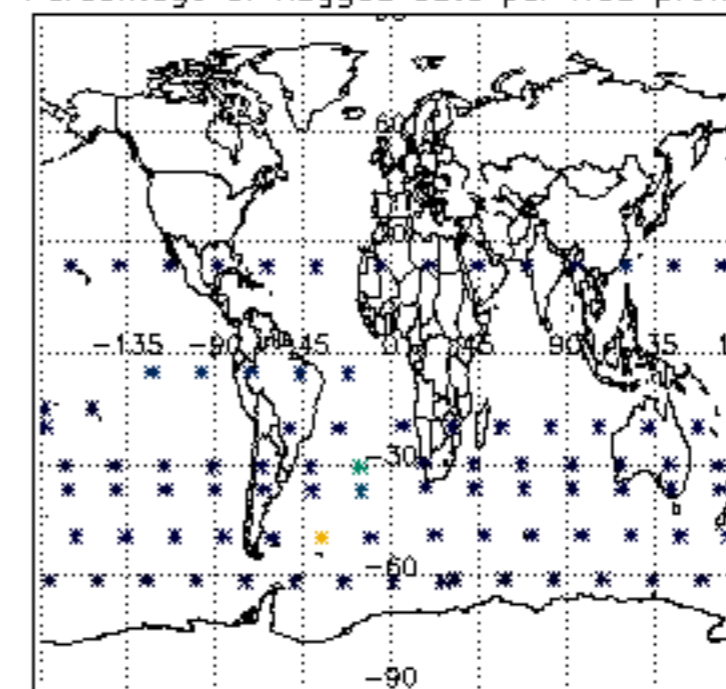
Percentage of flagged data per H2O profile

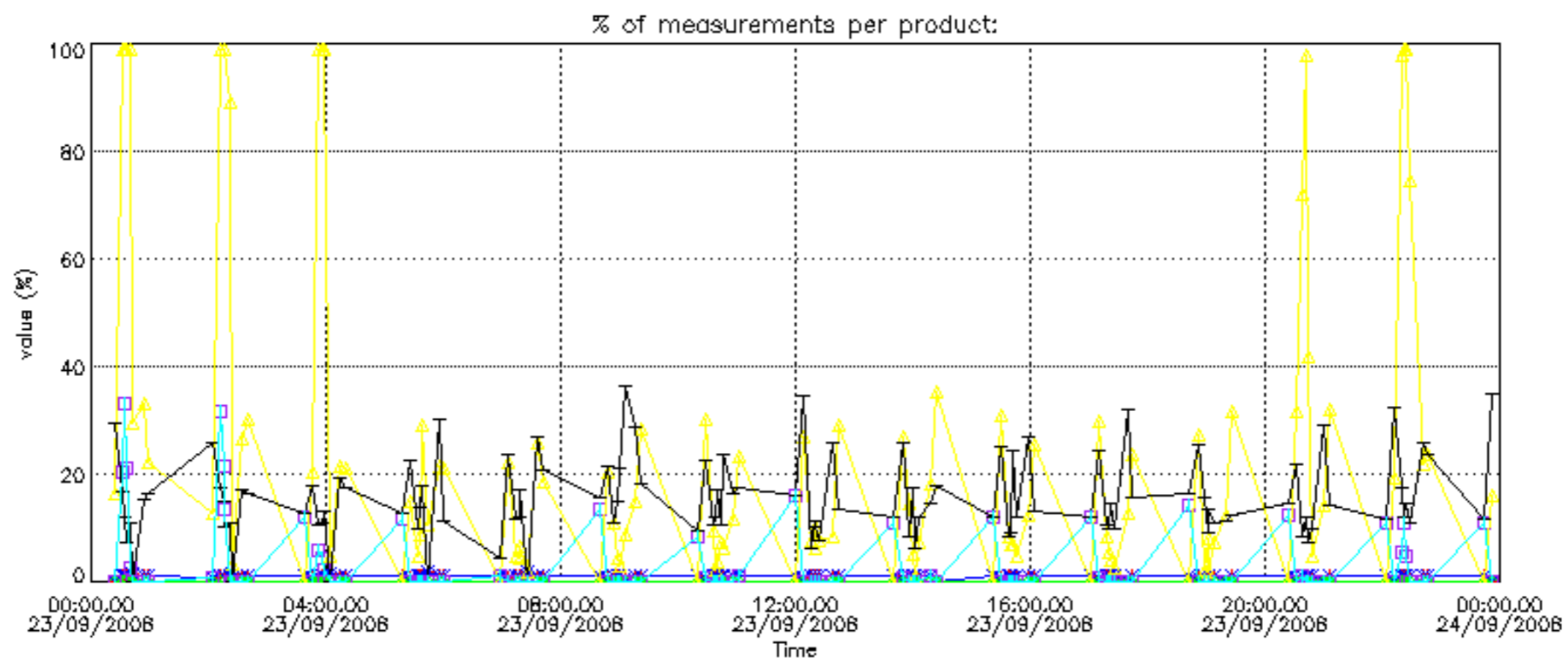


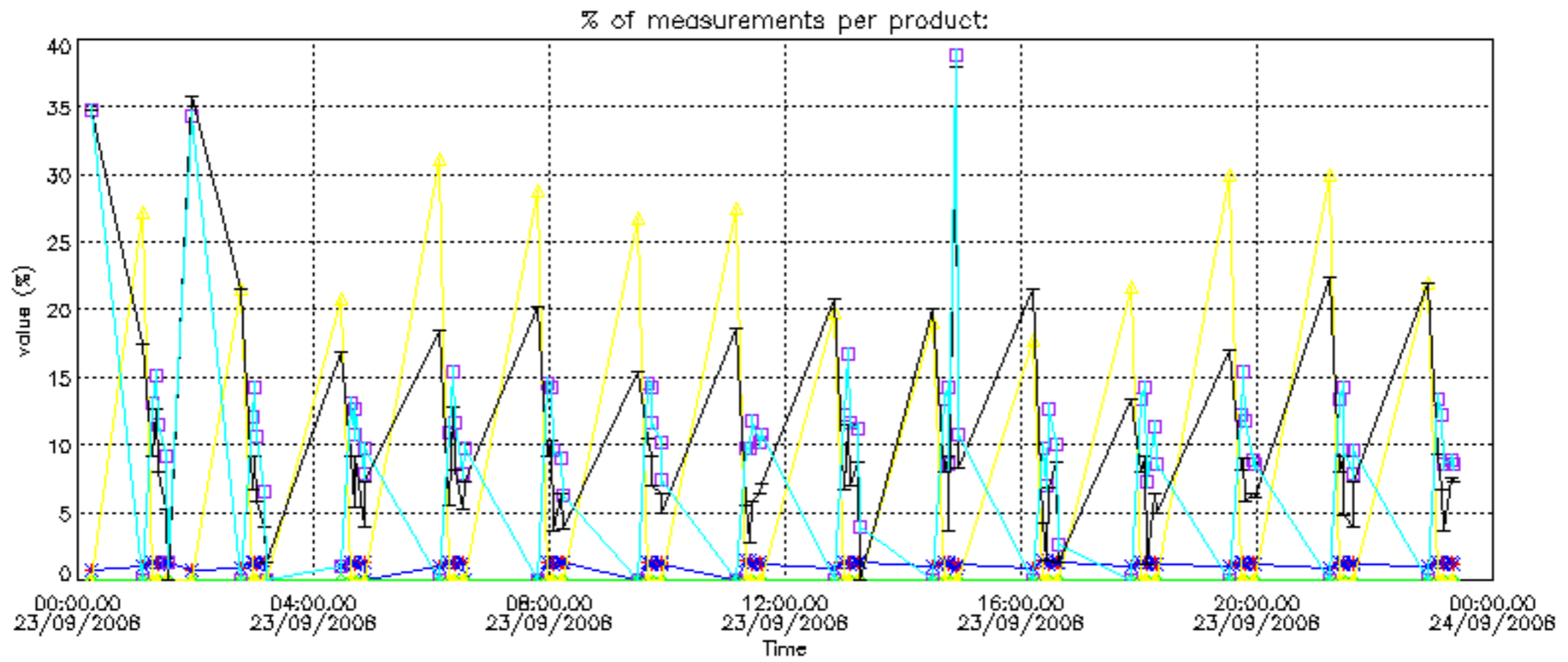
Percentage of flagged data per NO2 profile



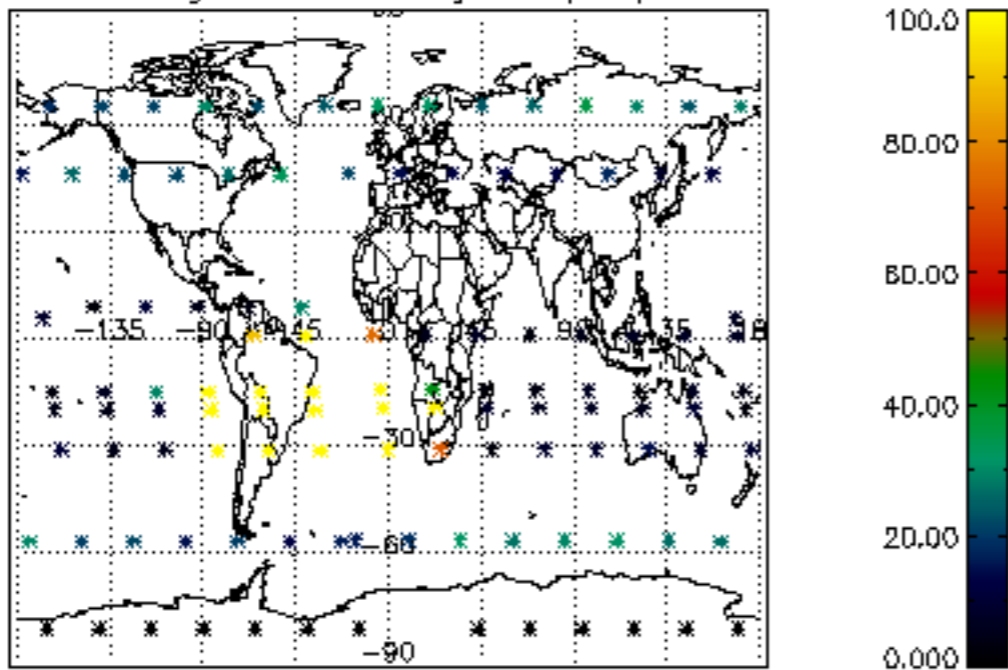
Percentage of flagged data per NO3 profile



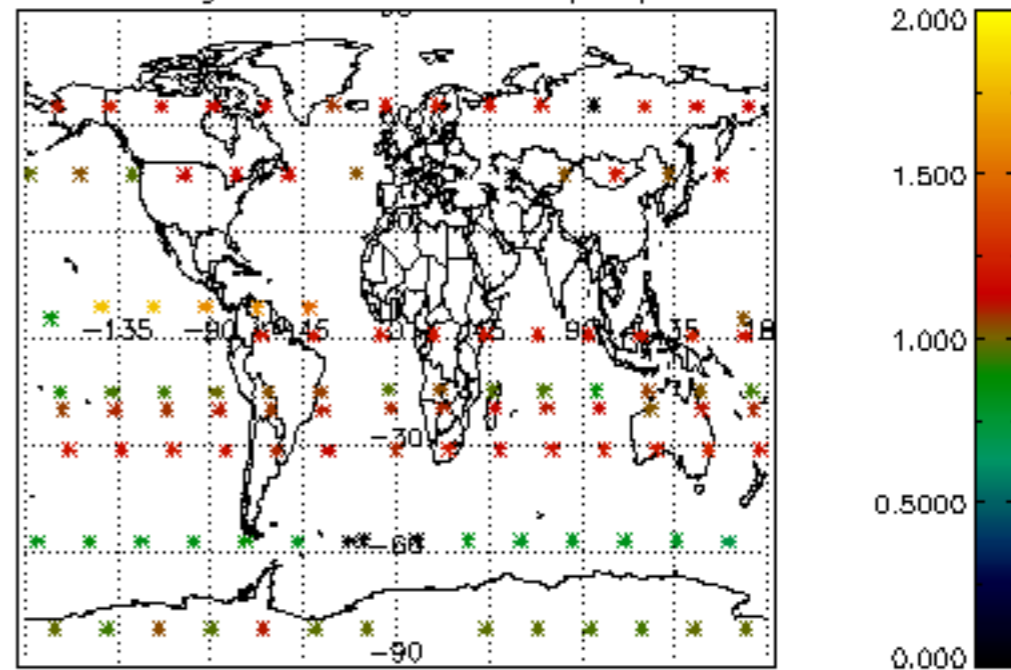




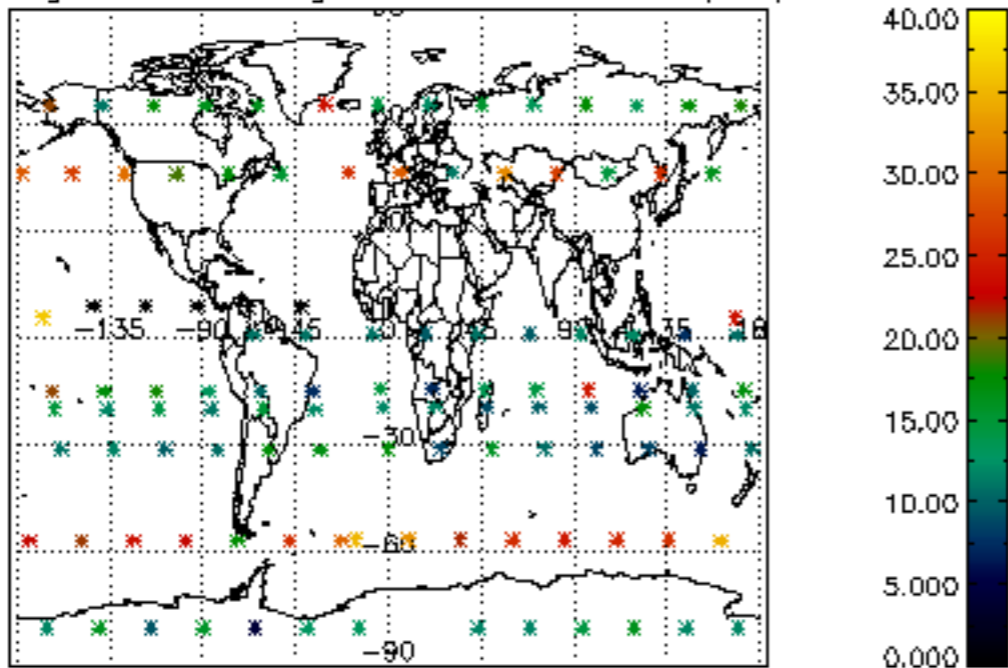
Percentage of cosmic ray hits per profile



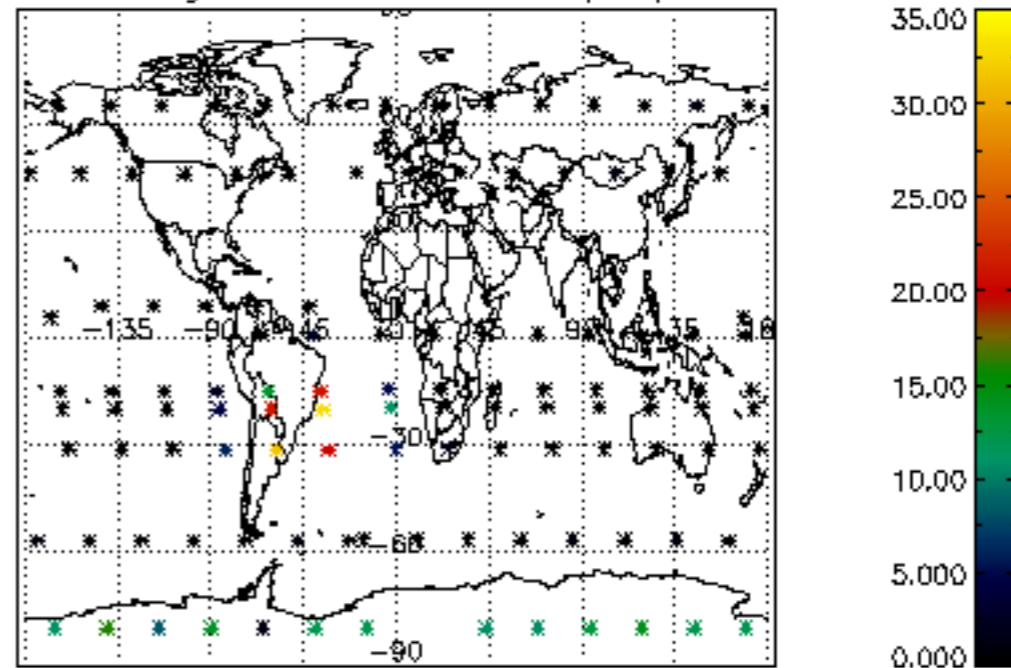
Percentage of datation errors per profile



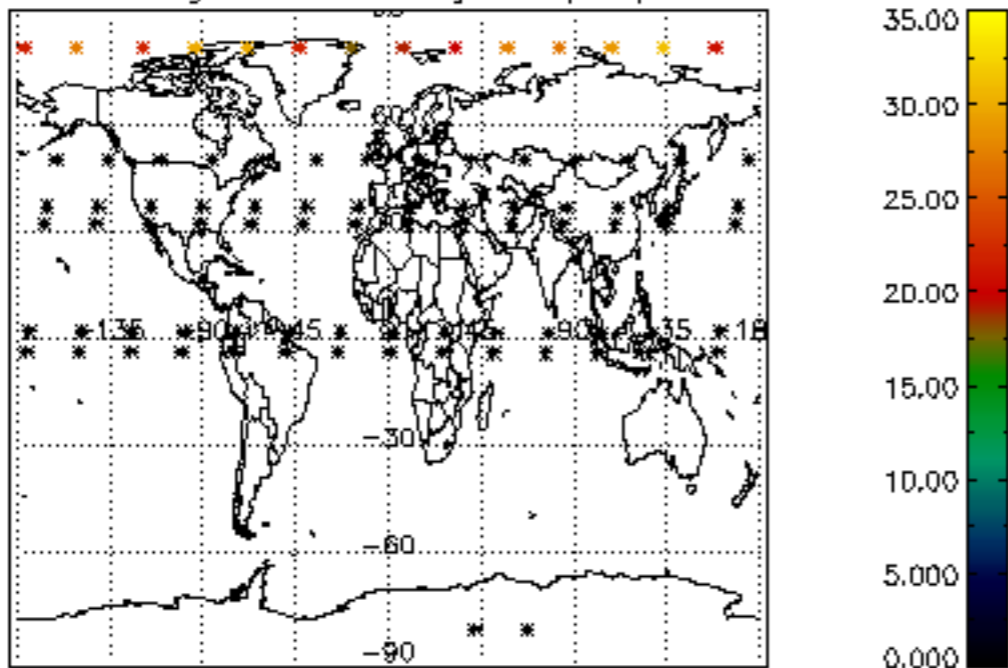
Percentage of star falling outside central band per profile



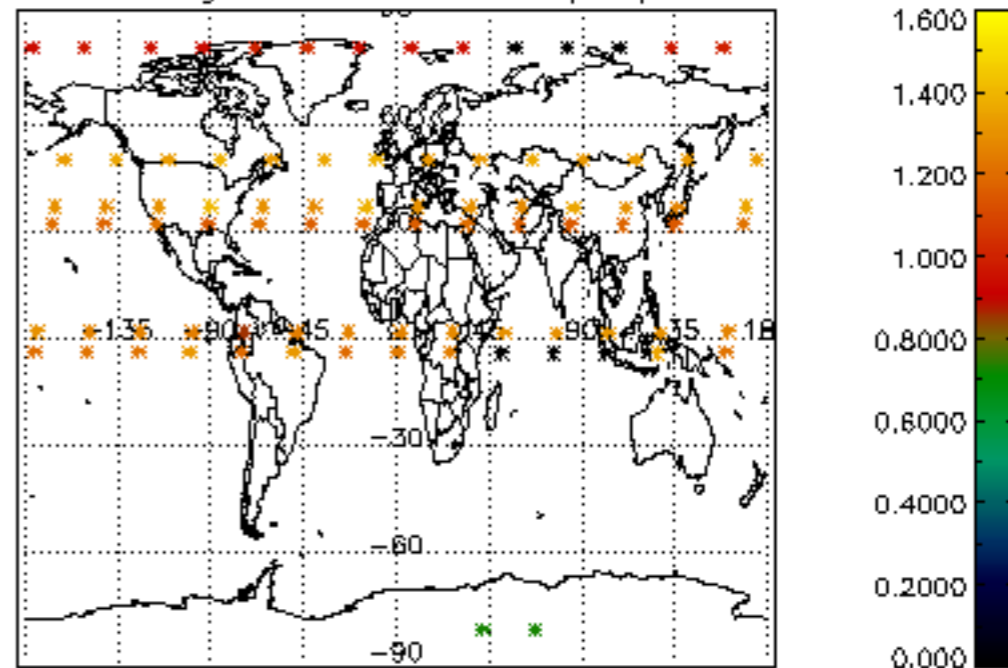
Percentage of saturation errors per profile



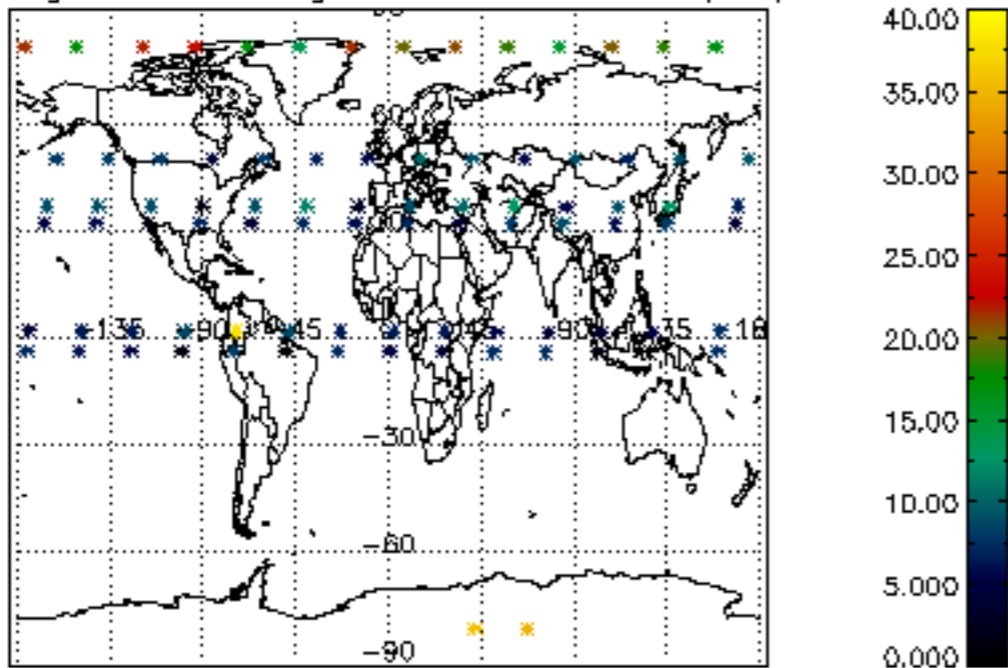
Percentage of cosmic ray hits per profile



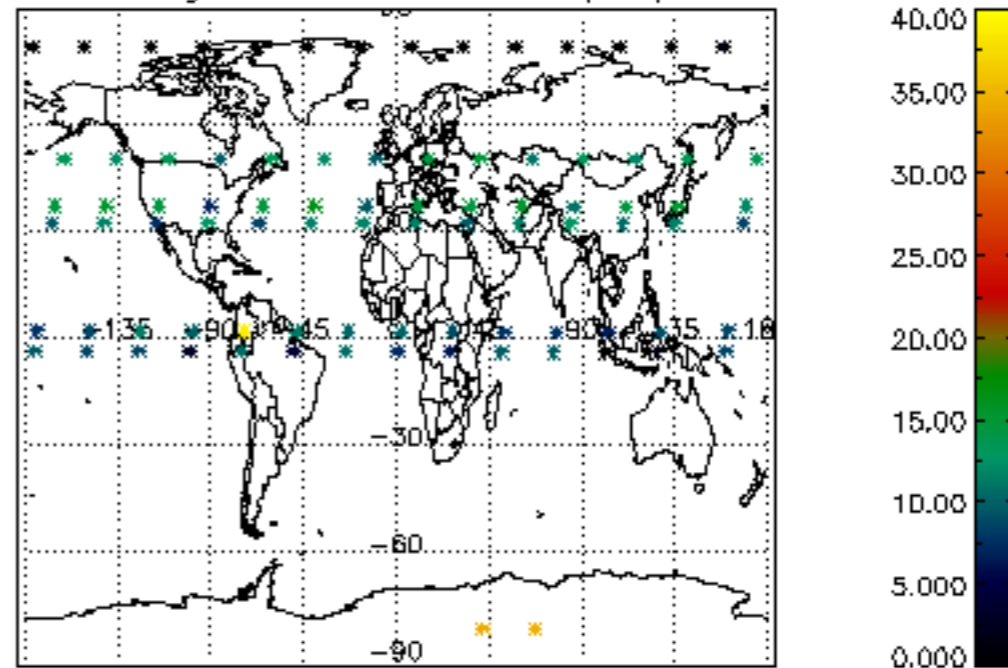
Percentage of datation errors per profile

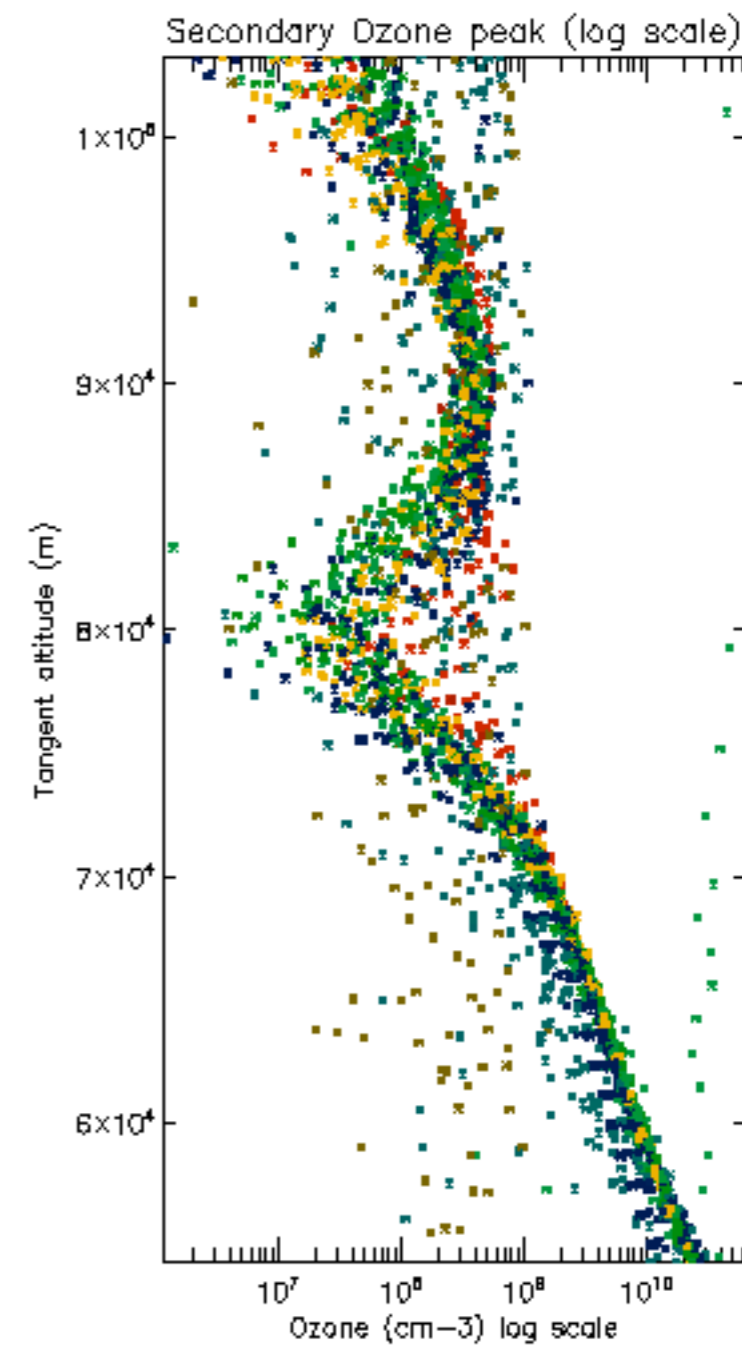
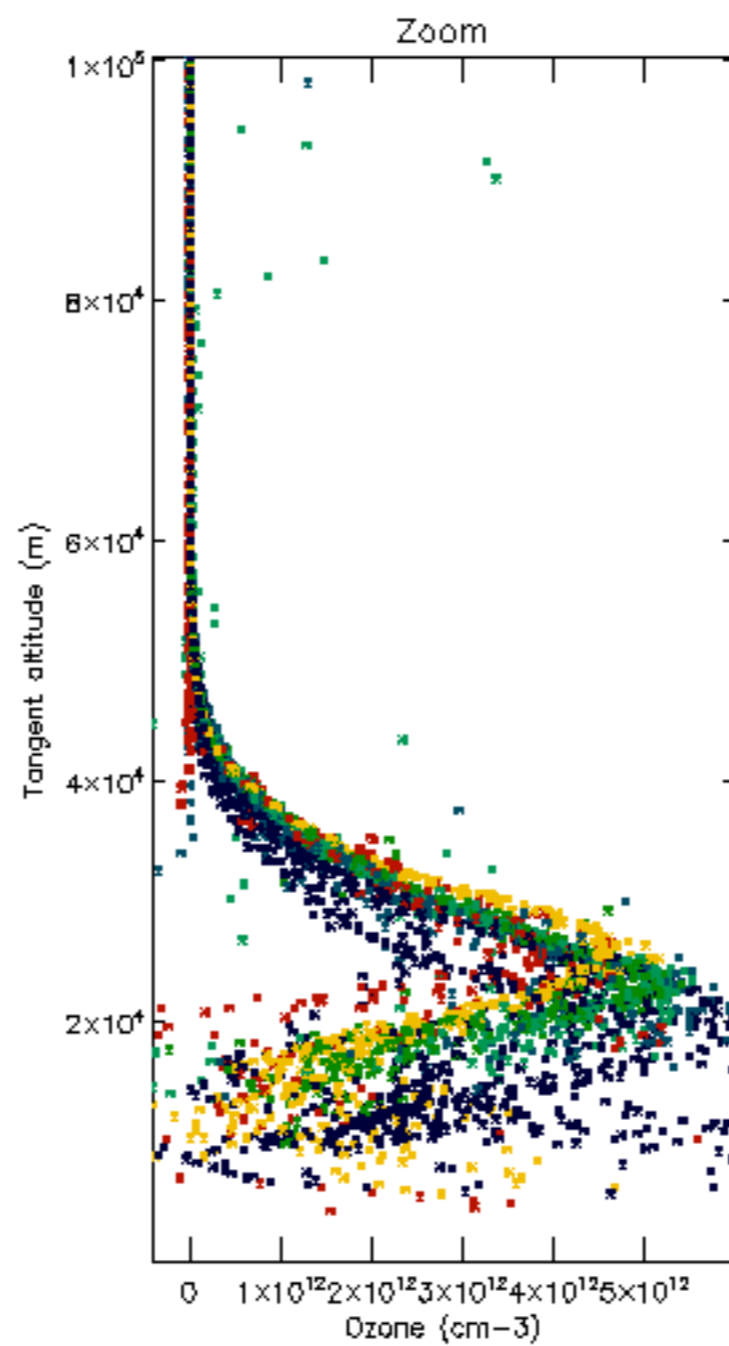
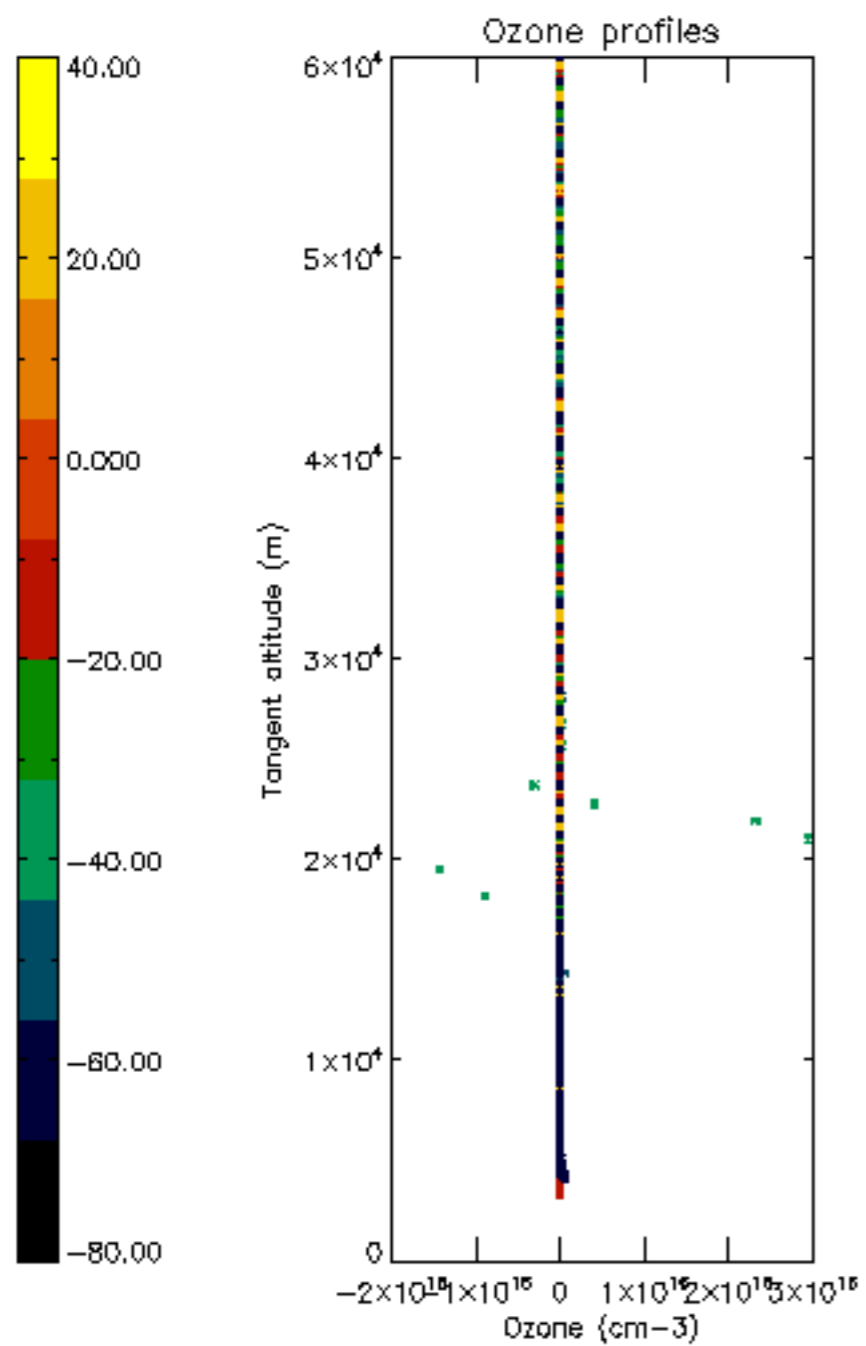


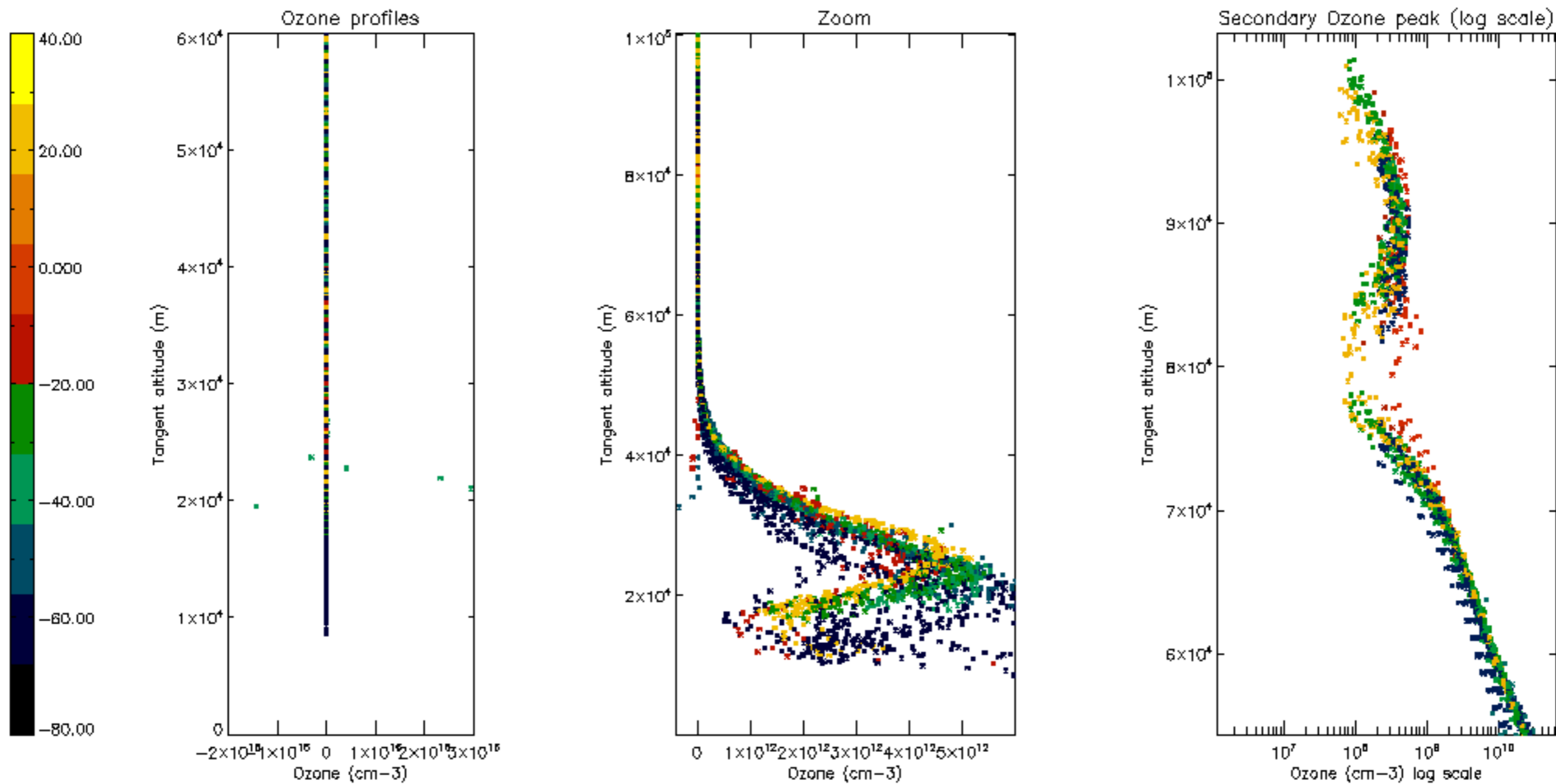
Percentage of star falling outside central band per profile

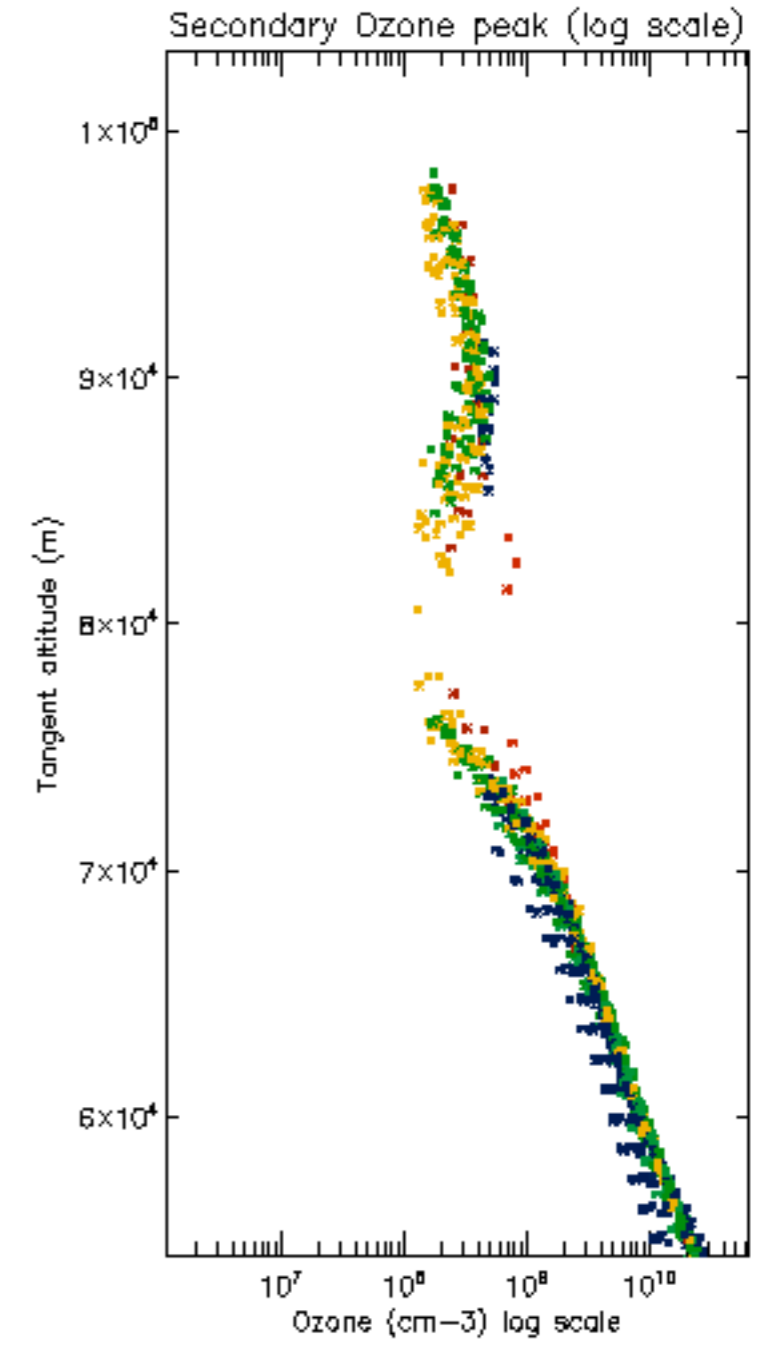
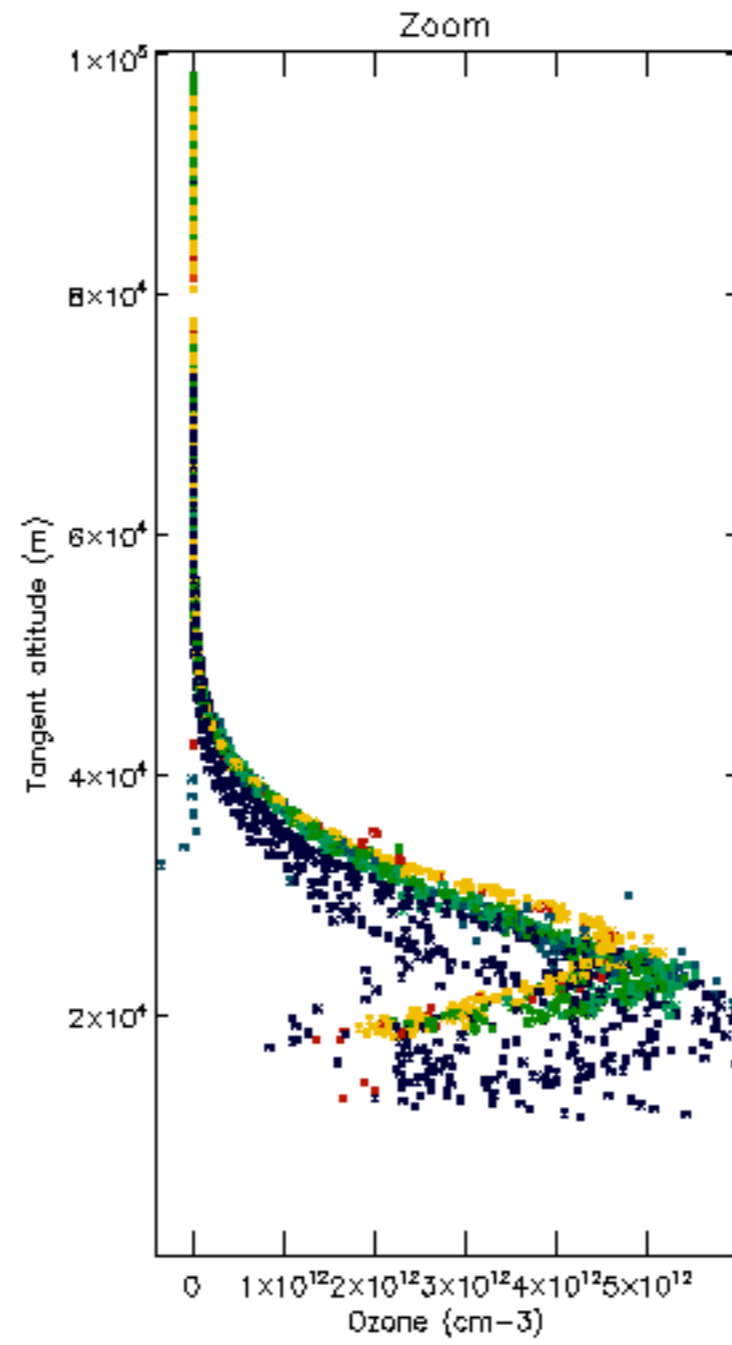
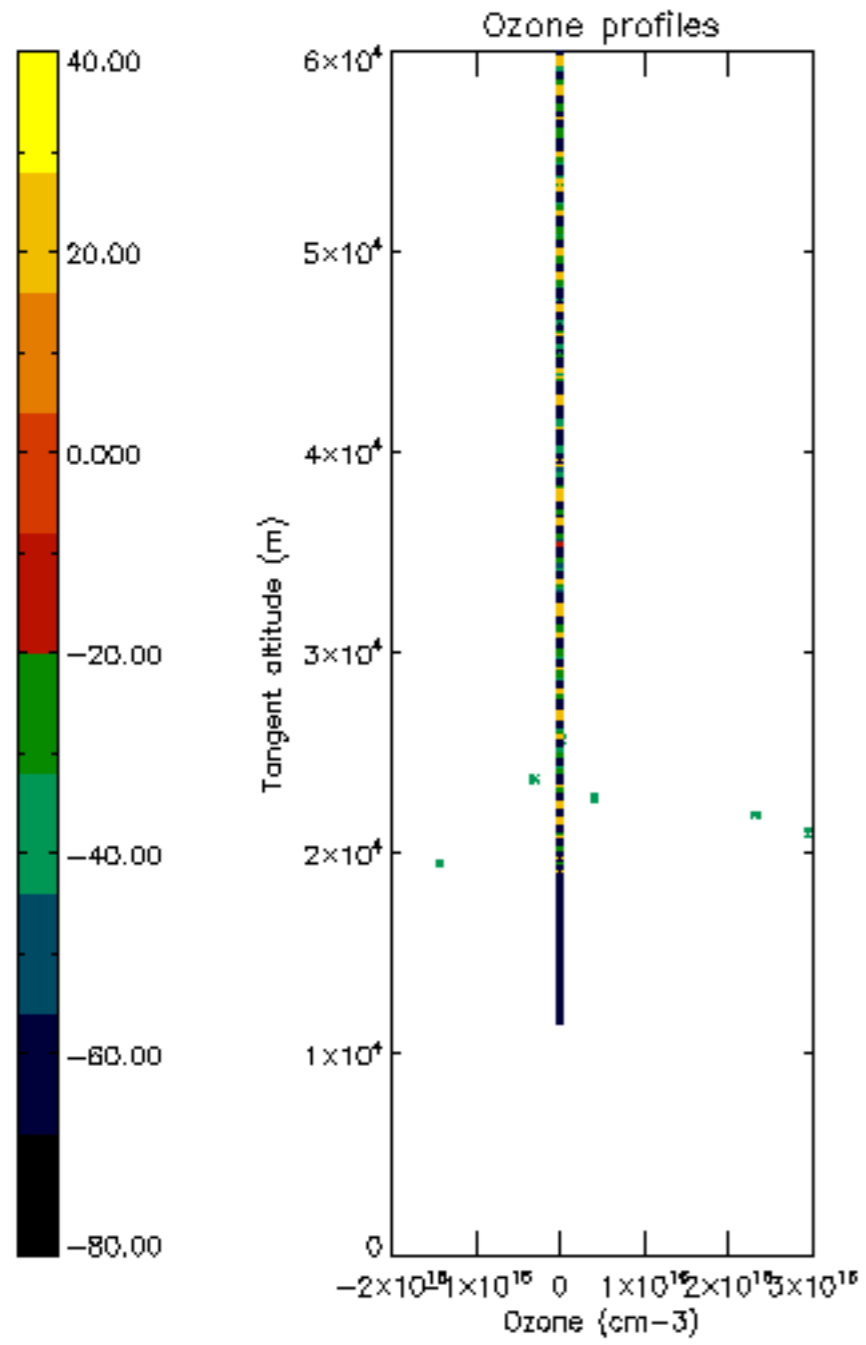


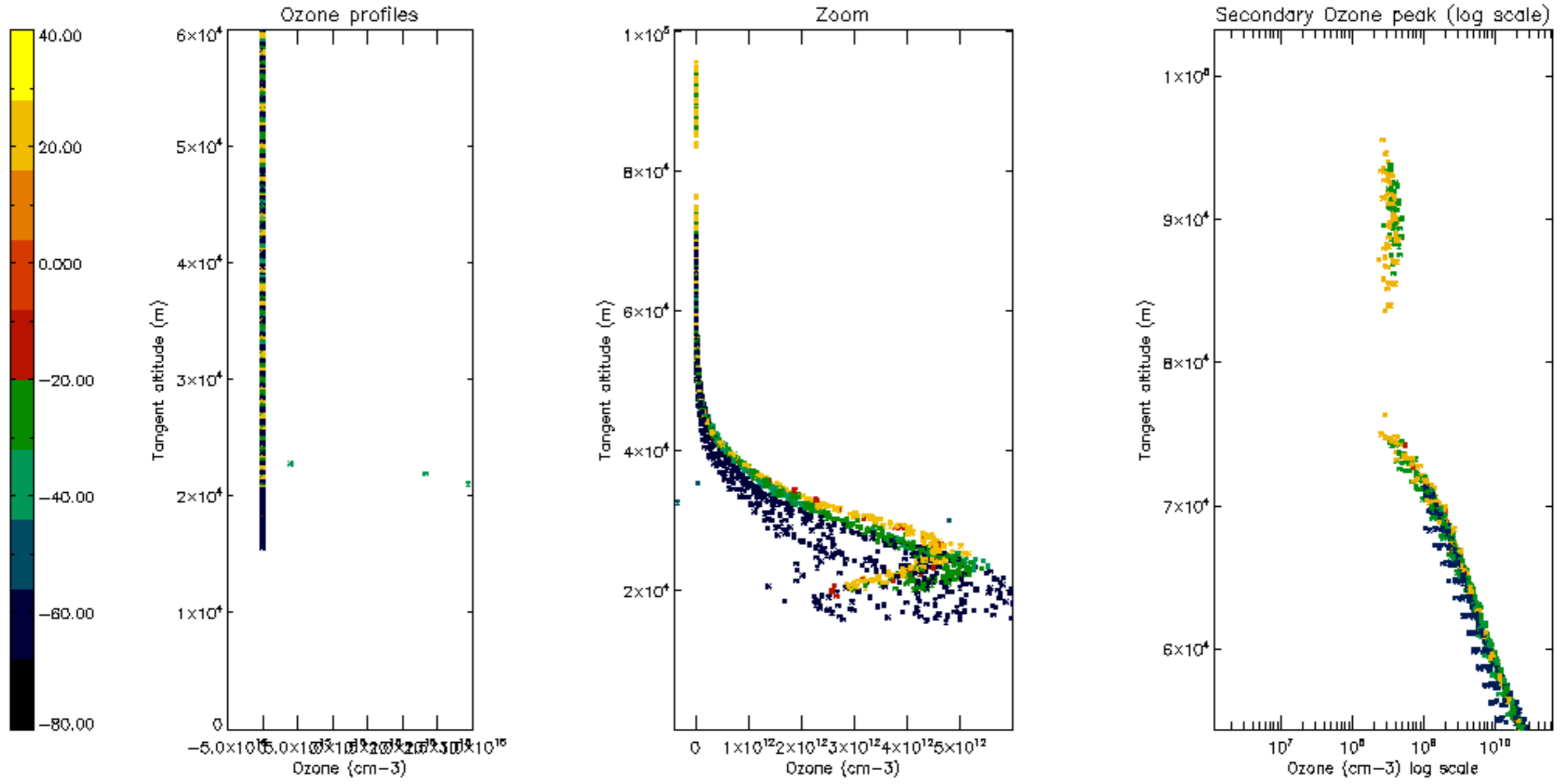
Percentage of saturation errors per profile

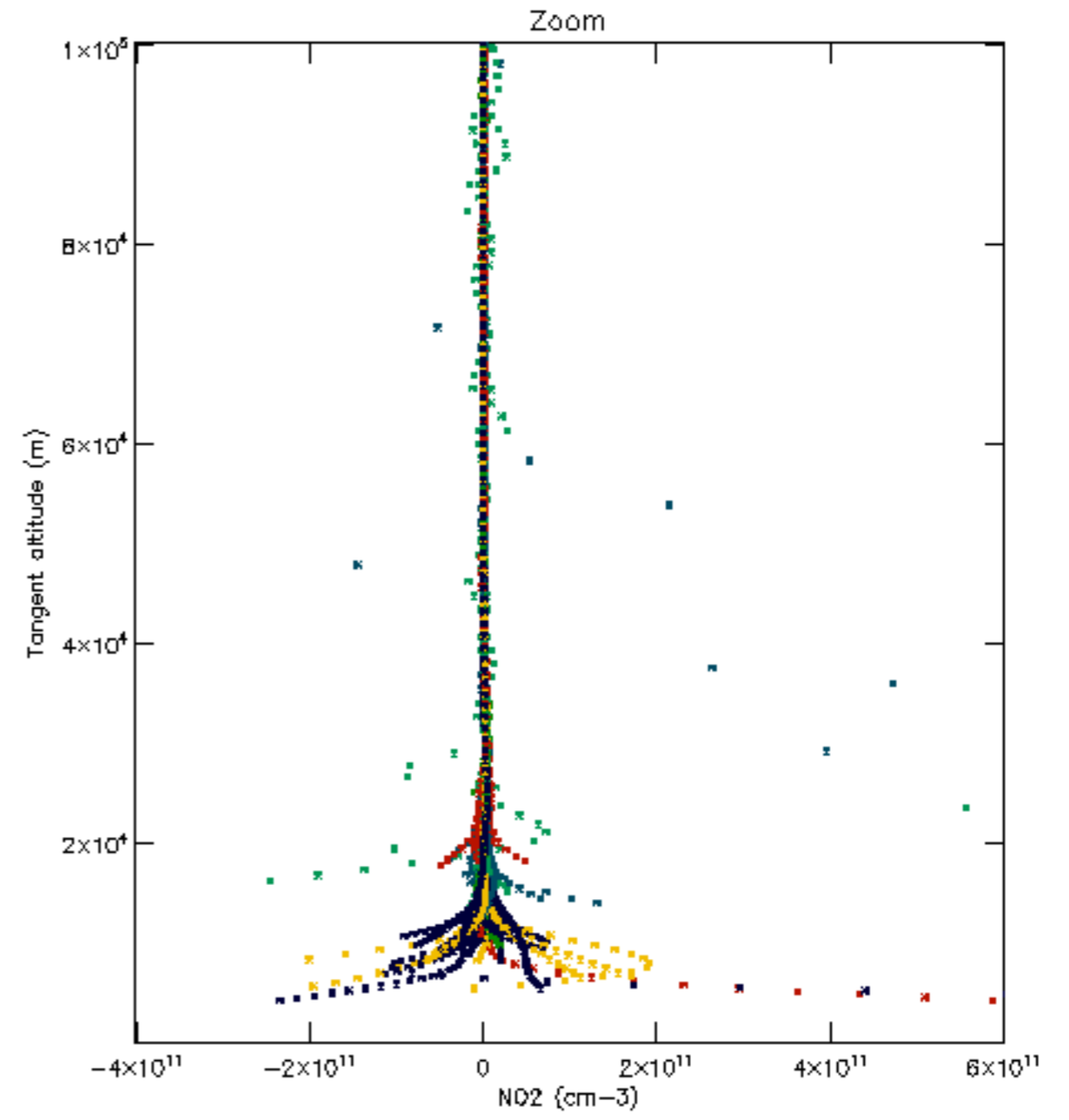
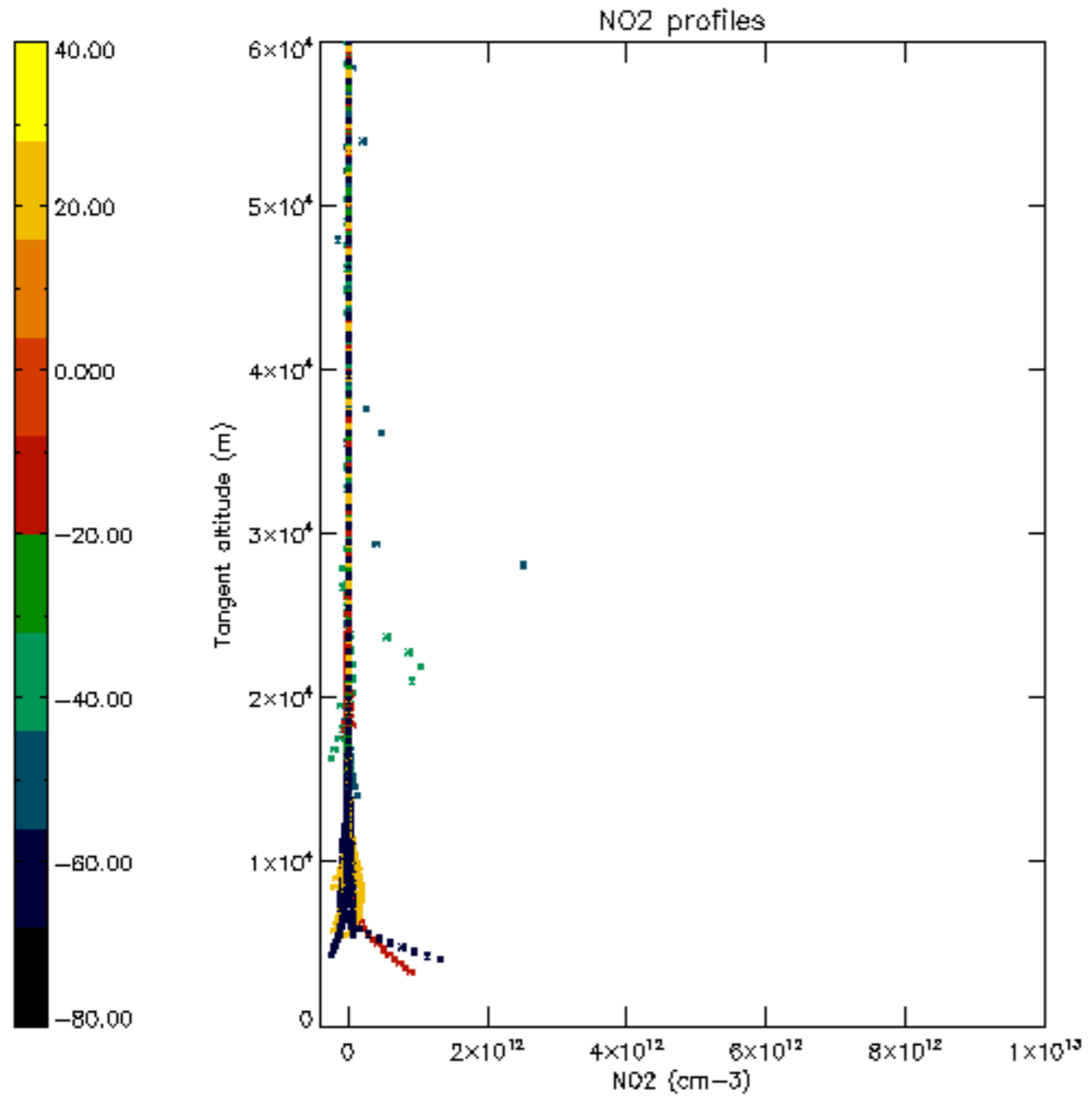


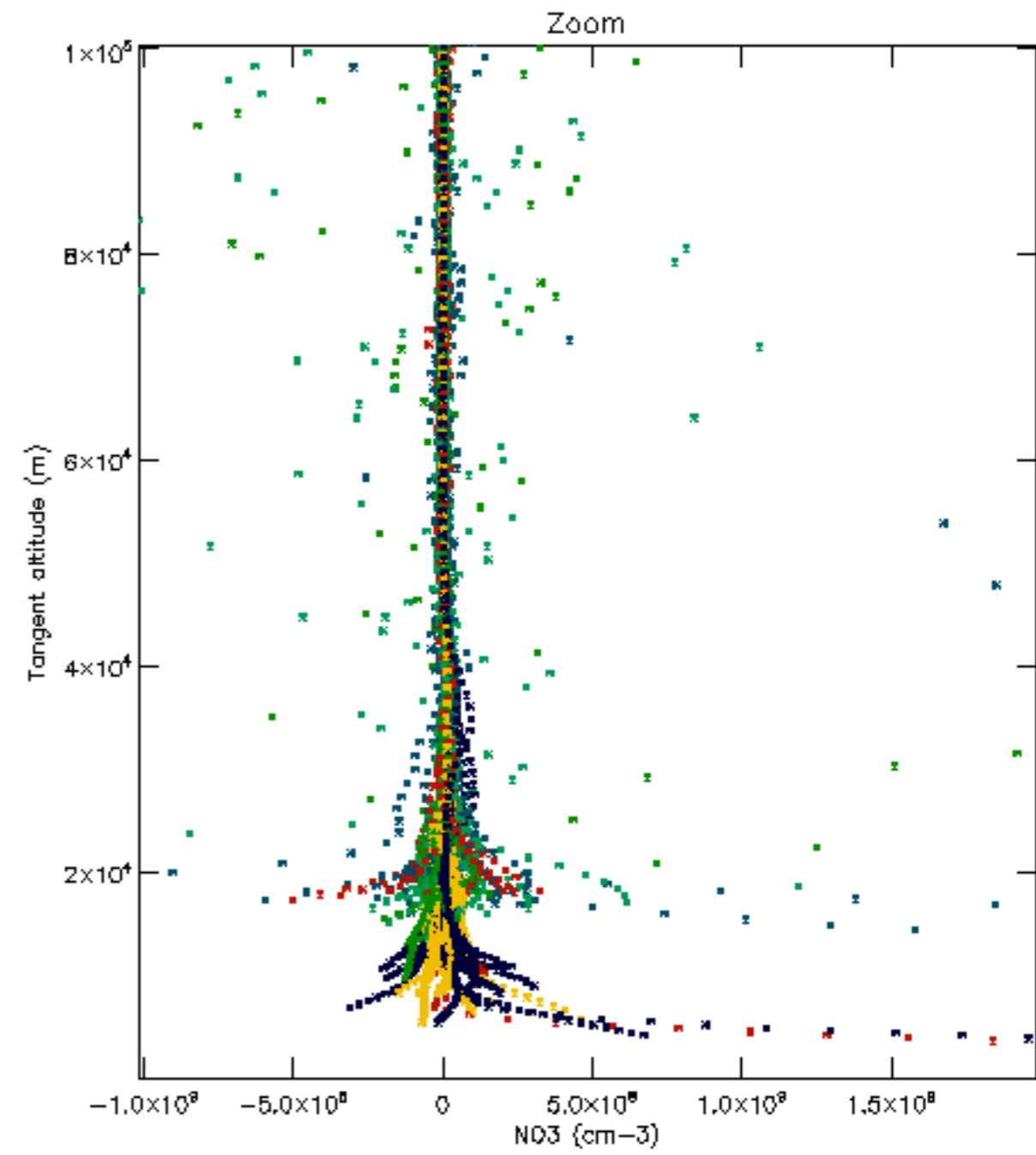
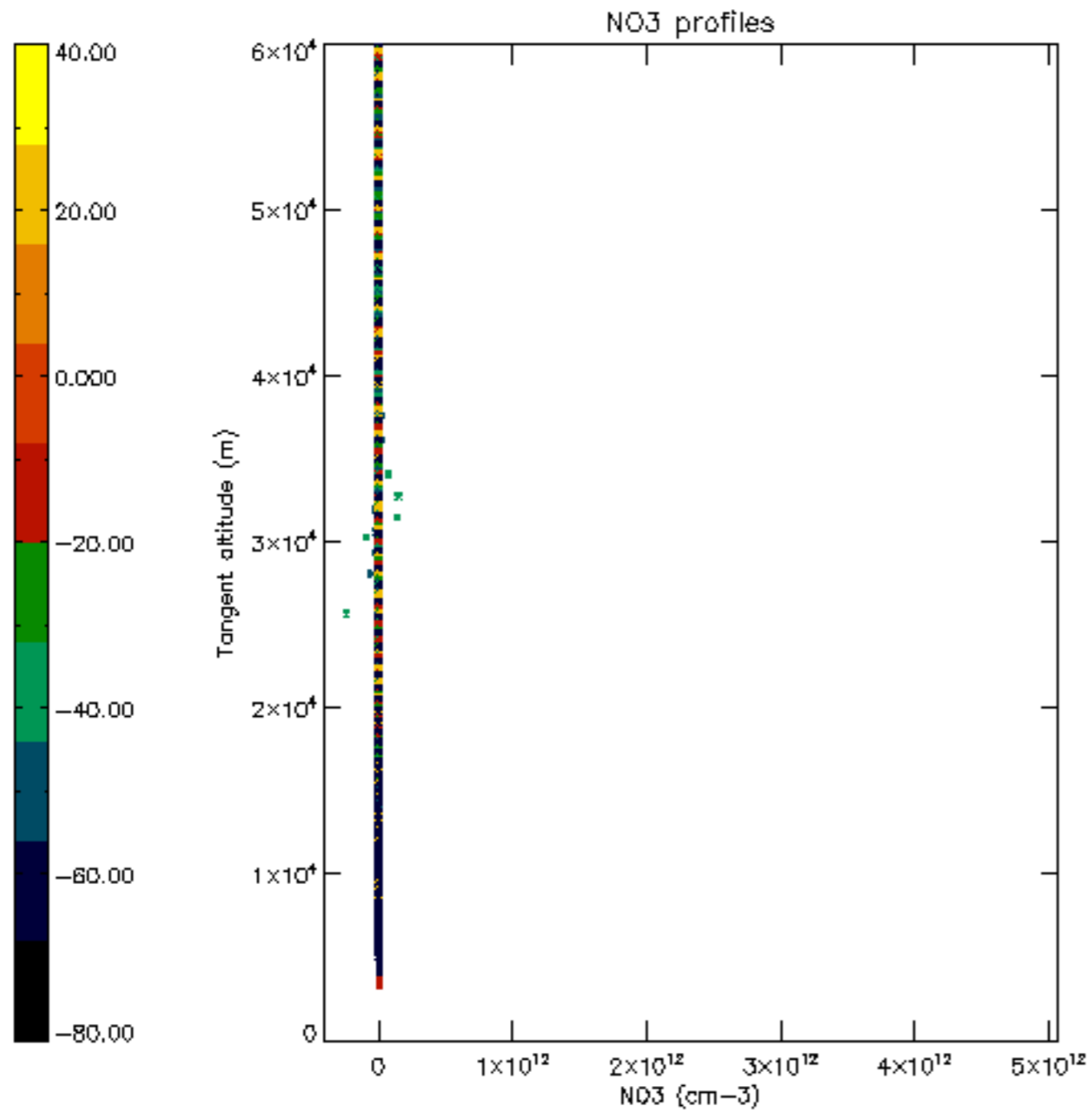


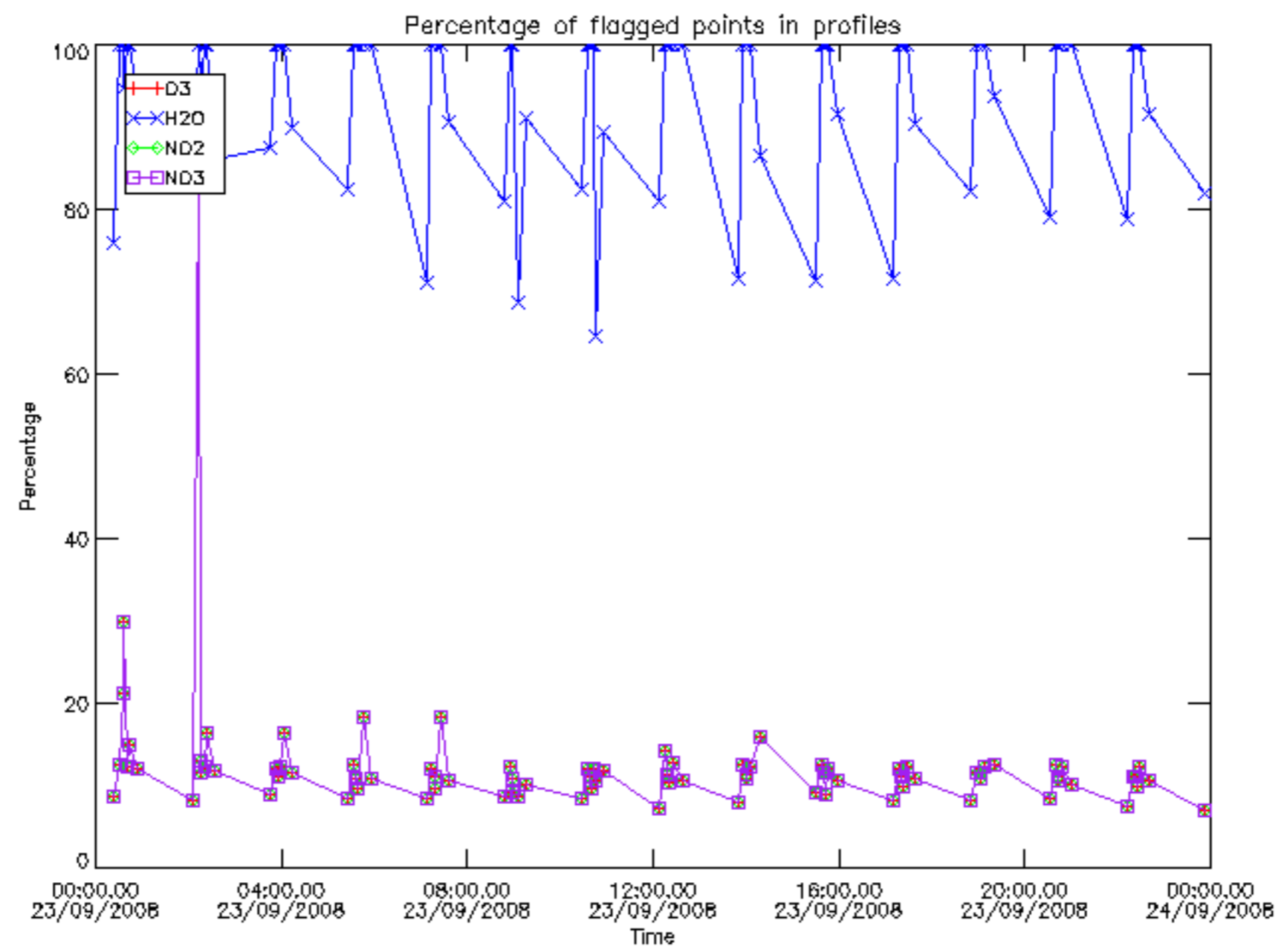




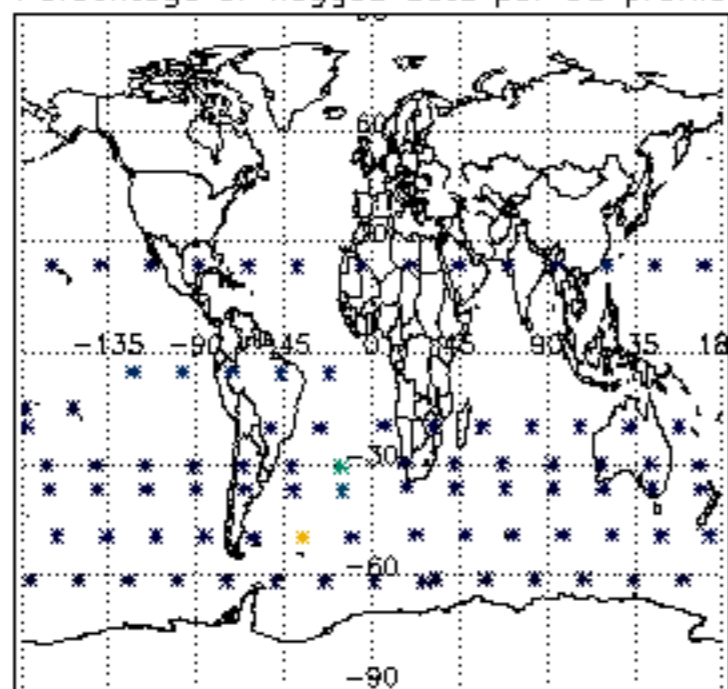




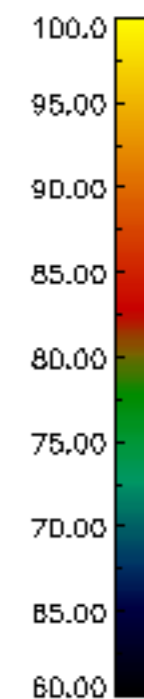
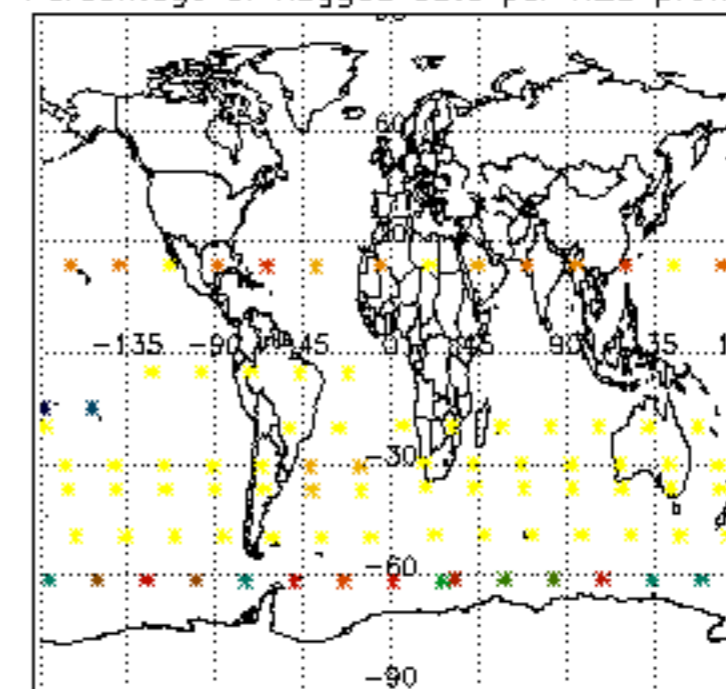




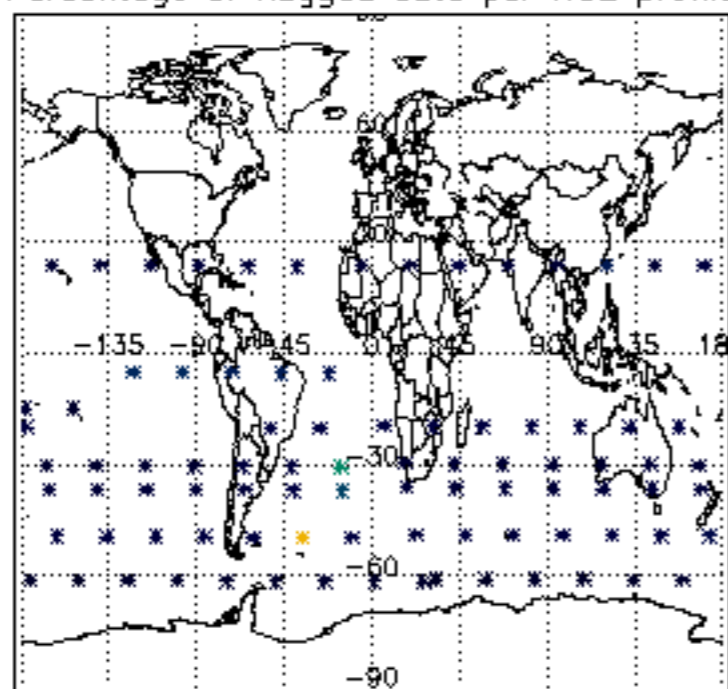
Percentage of flagged data per D3 profile



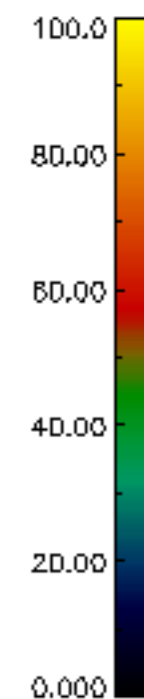
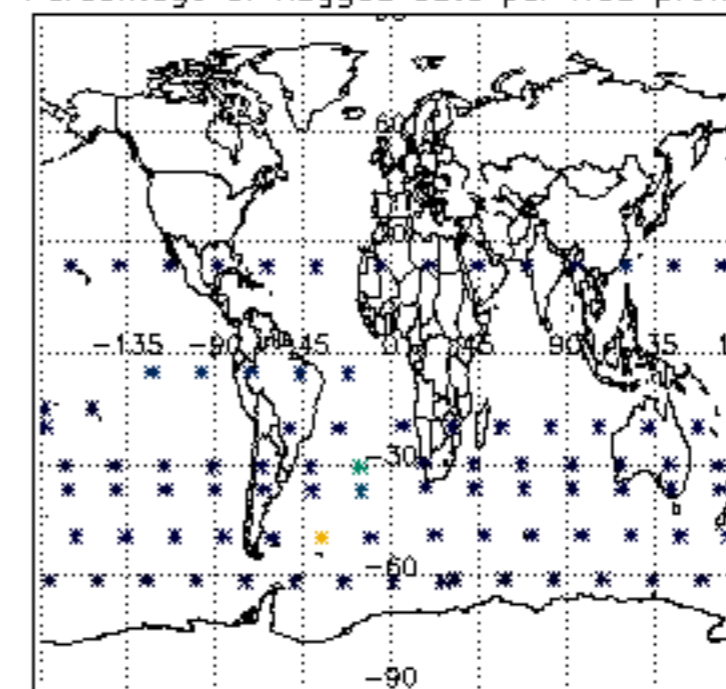
Percentage of flagged data per H2O profile

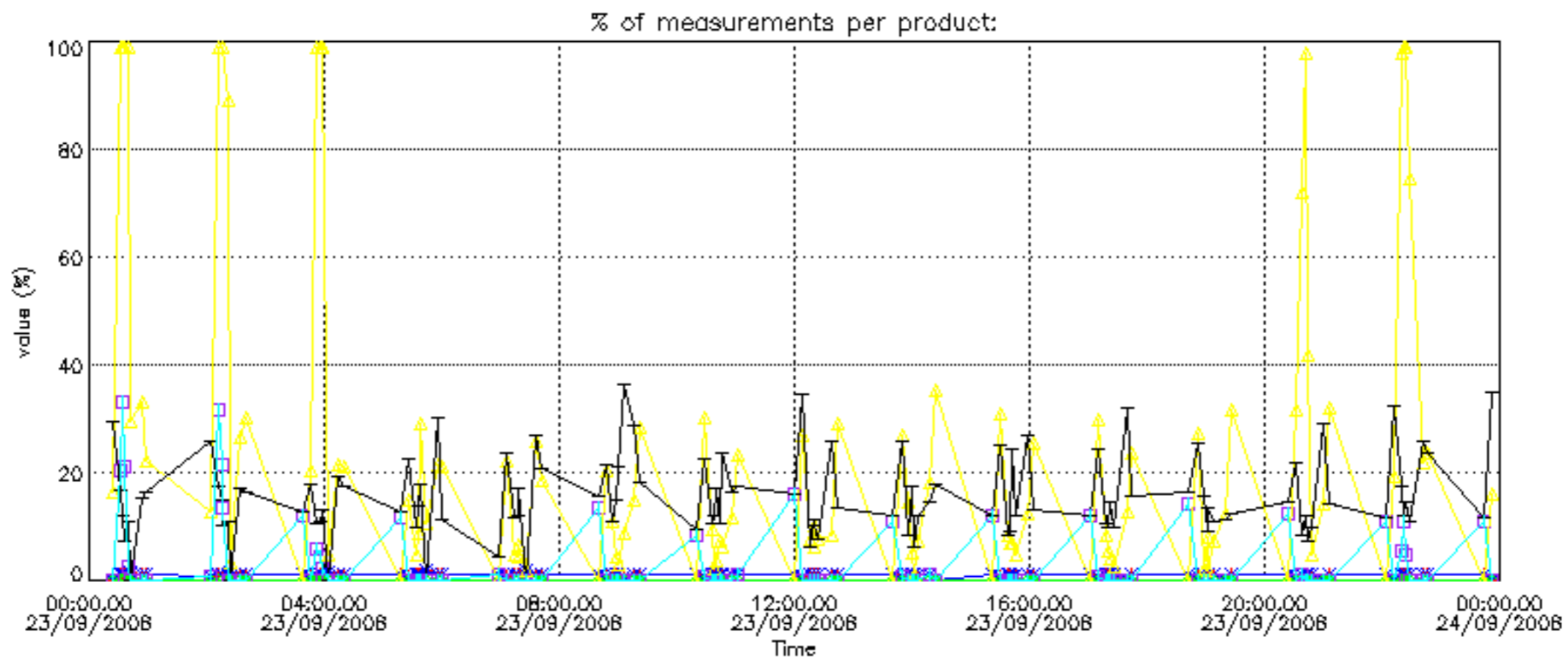


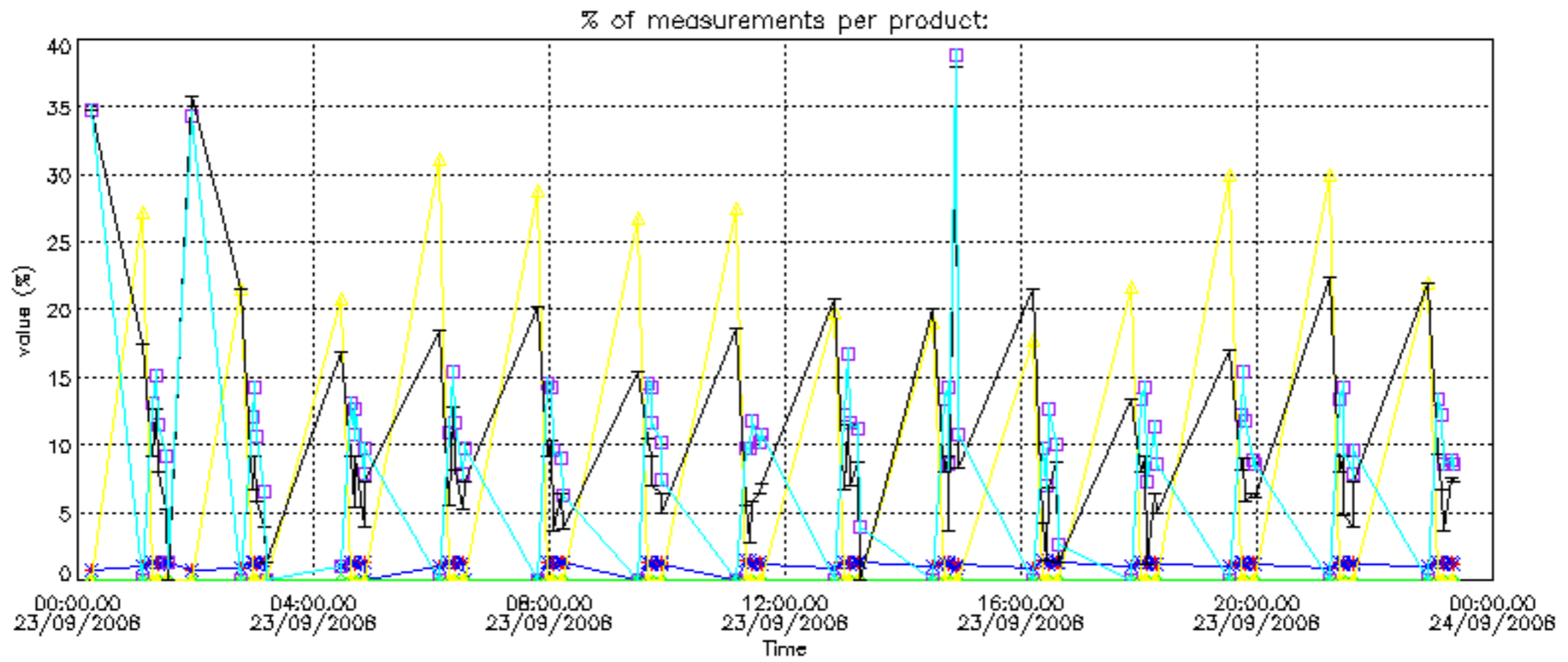
Percentage of flagged data per NO2 profile



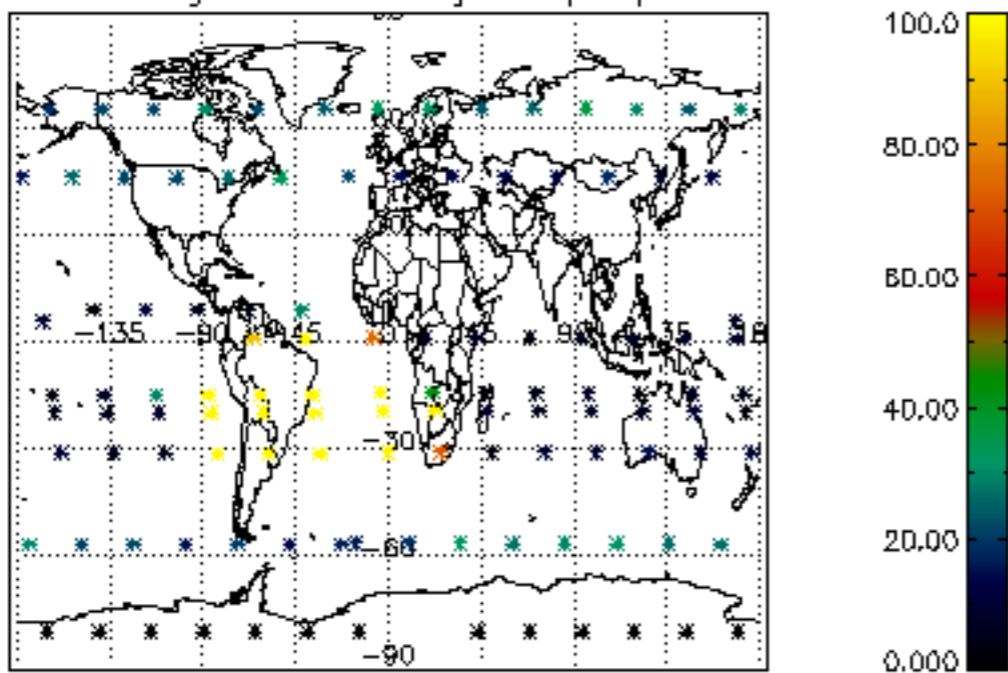
Percentage of flagged data per NO3 profile



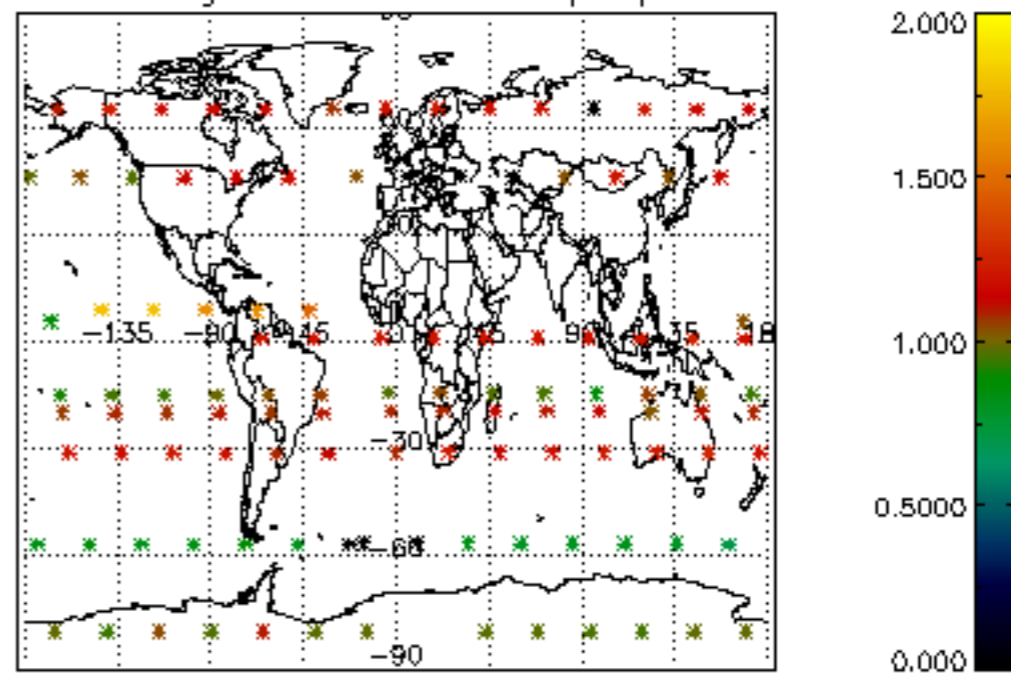




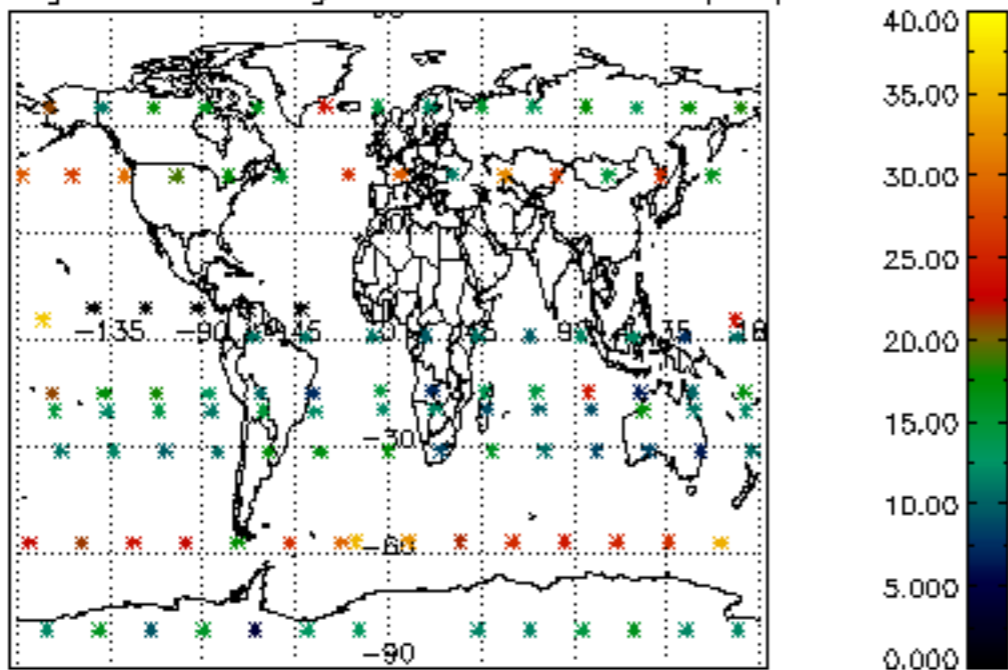
Percentage of cosmic ray hits per profile



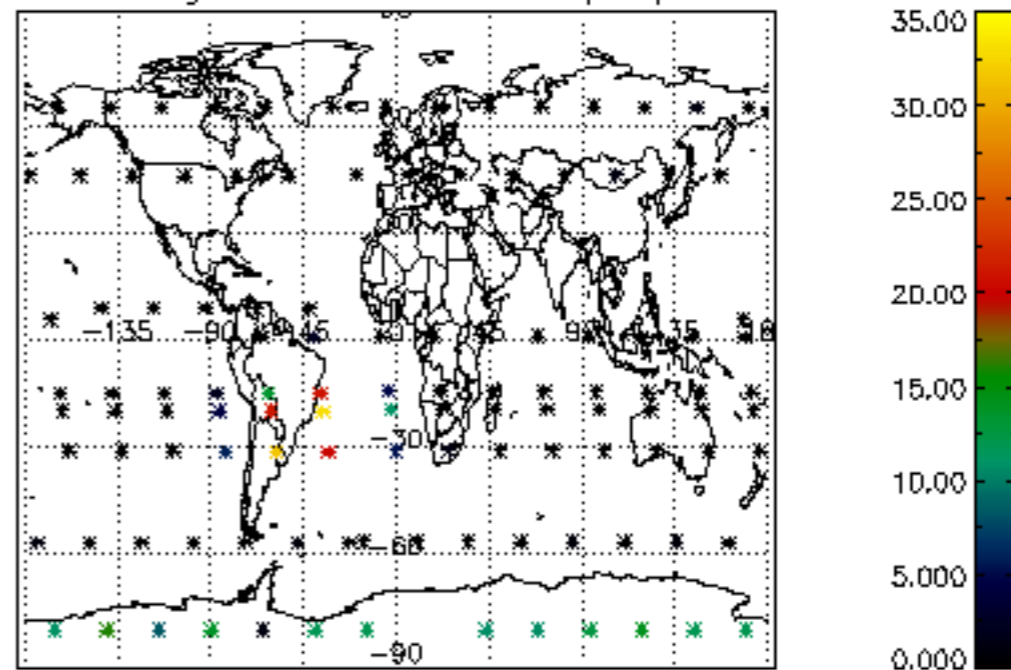
Percentage of datation errors per profile



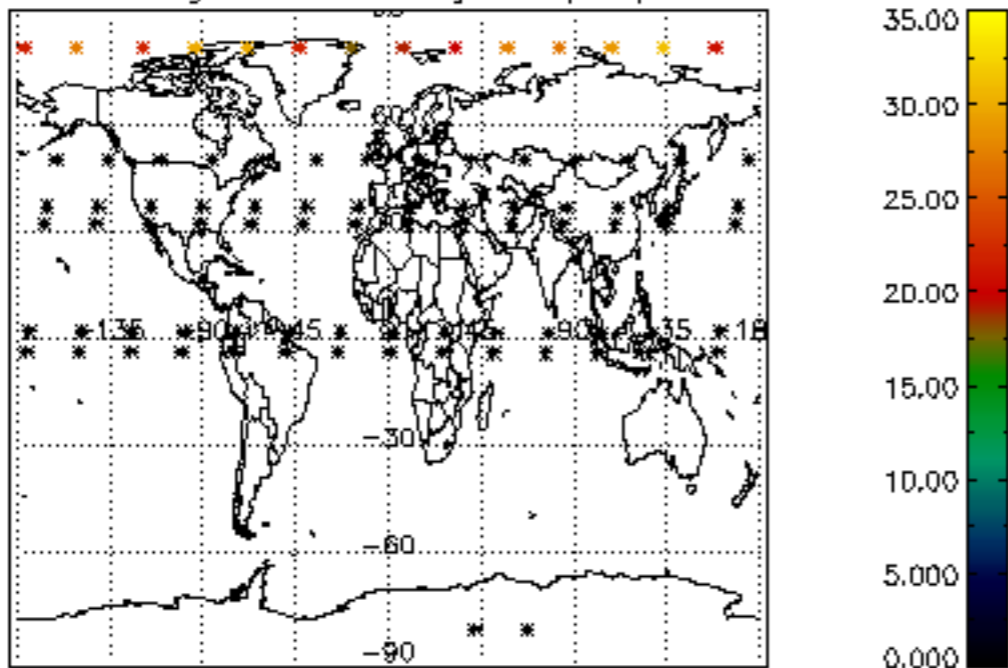
Percentage of star falling outside central band per profile



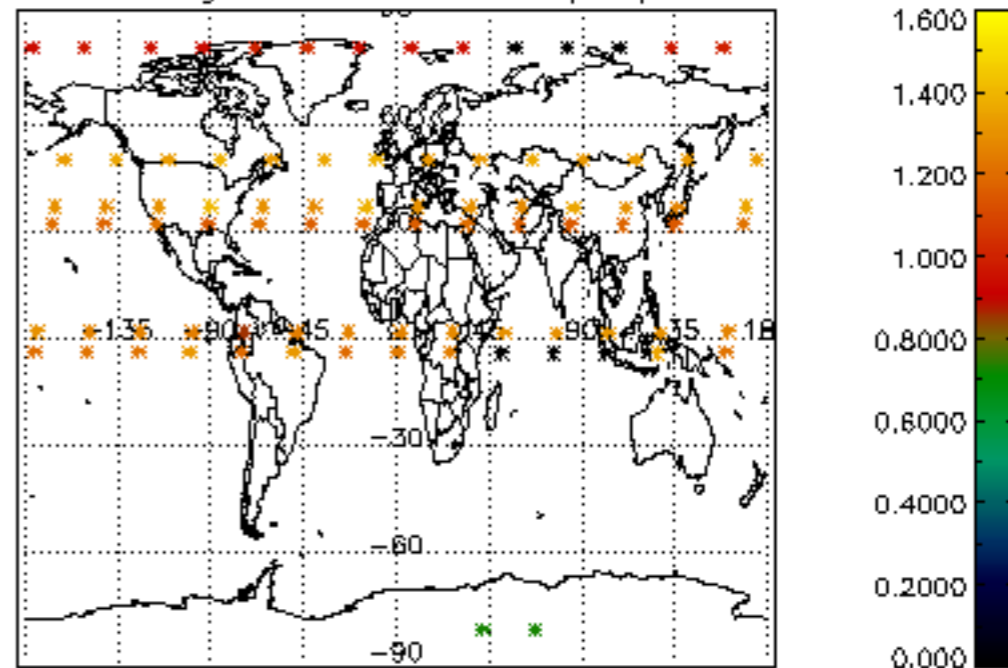
Percentage of saturation errors per profile



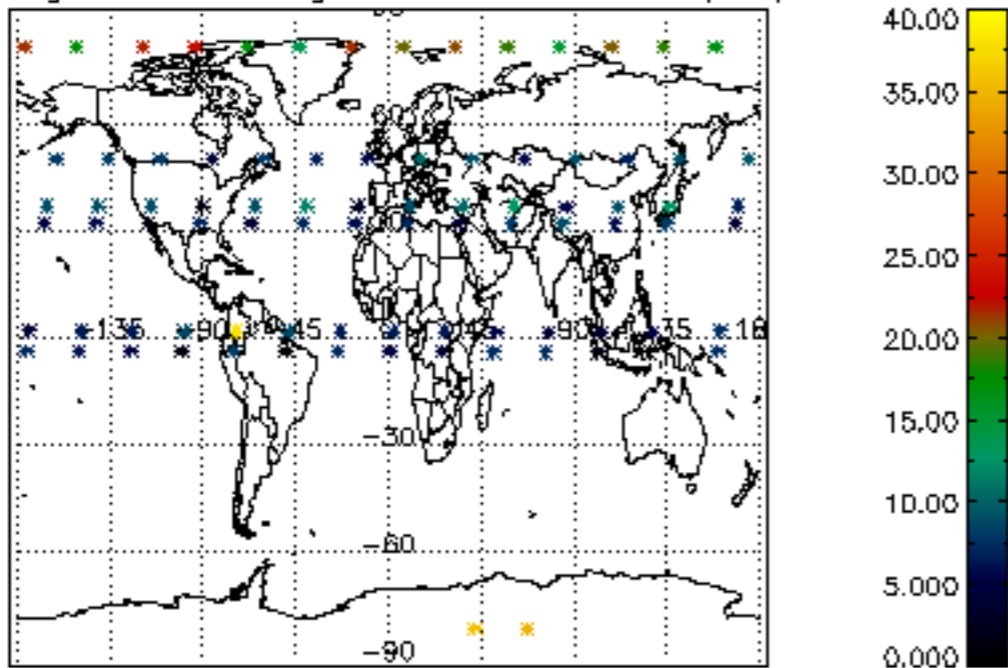
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

