

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	26APR2013 09:42:33
Data source version	GOMOS/6.01
Start time of products	23-05-2009 (23MAY2009 00:00:00)
Stop time of products	24-05-2009 (24MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	194
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__2PRFIN20090523_000936_000000302079_00159_37788_7114.N1	23-MAY-2009 00:09:36	Twilight	30.000	58	21Alp And	2.0730	11000.	60	37788	No
2	GOM_NL__2PRFIN20090523_001402_000000292079_00159_37788_7115.N1	23-MAY-2009 00:14:02	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37788	No
3	GOM_NL__2PRFIN20090523_003015_000000402079_00159_37788_7116.N1	23-MAY-2009 00:30:15	Dark	39.500	18	24Alp PsA	1.1660	9700.0	79	37788	No
4	GOM_NL__2PRFIN20090523_003545_000000442079_00160_37789_7121.N1	23-MAY-2009 00:35:45	Dark	43.500	172	Gam Gru	3.0030	13100.	87	37789	No
5	GOM_NL__2PRFIN20090523_005121_000000392079_00160_37789_7122.N1	23-MAY-2009 00:51:21	Straylight	38.500	178	lot1Sco	3.0220	6550.0	77	37789	No
6	GOM_NL__2PRFIN20090523_005244_000000382079_00160_37789_7123.N1	23-MAY-2009 00:52:44	Straylight	38.000	25	35Lam Sco	1.6200	28000.	76	37789	No
7	GOM_NL__2PRFIN20090523_005659_000000352079_00160_37789_7124.N1	23-MAY-2009 00:56:59	Twilight	35.000	136	23Tau Sco	2.8220	30000.	70	37789	No
8	GOM_NL__2PRFIN20090523_010100_000000442079_00160_37789_7125.N1	23-MAY-2009 01:01:00	Bright	43.500	86	35Eta Oph	2.4300	10200.	87	37789	No
9	GOM_NL__2PRFIN20090523_010302_000000402079_00160_37789_7126.N1	23-MAY-2009 01:03:02	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	37789	No
10	GOM_NL__2PRFIN20090523_010522_000000382079_00160_37789_7127.N1	23-MAY-2009 01:05:22	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	37789	No
11	GOM_NL__2PRFIN20090523_010826_000000352079_00160_37789_7128.N1	23-MAY-2009 01:08:26	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	37789	No
12	GOM_NL__2PRFIN20090523_011427_000000422079_00160_37789_7129.N1	23-MAY-2009 01:14:27	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	37789	No
13	GOM_NL__2PRFIN20090523_011810_000000442079_00160_37789_7130.N1	23-MAY-2009 01:18:10	Bright	43.500	133	40Zet Her	2.8070	6000.0	87	37789	No
14	GOM_NL__2PRFIN20090523_012551_000000412079_00160_37789_7131.N1	23-MAY-2009 01:25:51	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	37789	No
15	GOM_NL__2PRFIN20090523_013620_000000352079_00160_37789_7132.N1	23-MAY-2009 01:36:20	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	37789	No
16	GOM_NL__2PRFIN20090523_015013_000000292079_00160_37789_7133.N1	23-MAY-2009 01:50:13	Twilight	28.500	58	21Alp And	2.0730	11000.	57	37789	No
17	GOM_NL__2PRFIN20090523_015439_000000292079_00160_37789_7134.N1	23-MAY-2009 01:54:39	Dark	28.500	140	88Gam Peg	2.8340	26000.	57	37789	No
18	GOM_NL__2PRFIN20090523_021052_000000402079_00160_37789_7135.N1	23-MAY-2009 02:10:52	Dark	39.500	18	24Alp PsA	1.1660	9700.0	79	37789	No
19	GOM_NL__2PRFIN20090523_021623_000000432079_00161_37790_7135.N1	23-MAY-2009 02:16:23	Dark	42.500	172	Gam Gru	3.0030	13100.	85	37790	No
20	GOM_NL__2PRFIN20090523_023158_000000382079_00161_37790_7136.N1	23-MAY-2009 02:31:58	Straylight	37.500	178	lot1Sco	3.0220	6550.0	75	37790	No
21	GOM_NL__2PRFIN20090523_023321_000000372079_00161_37790_7137.N1	23-MAY-2009 02:33:21	Straylight	37.000	25	35Lam Sco	1.6200	28000.	74	37790	No
22	GOM_NL__2PRFIN20090523_023736_000000352079_00161_37790_7138.N1	23-MAY-2009 02:37:36	Twilight	34.500	136	23Tau Sco	2.8220	30000.	69	37790	No
23	GOM_NL__2PRFIN20090523_024136_000000442079_00161_37790_7139.N1	23-MAY-2009 02:41:36	Bright	43.500	86	35Eta Oph	2.4300	10200.	87	37790	No
24	GOM_NL__2PRFIN20090523_024338_000000402079_00161_37790_7140.N1	23-MAY-2009 02:43:38	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	37790	No
25	GOM_NL__2PRFIN20090523_024557_000000372079_00161_37790_7141.N1	23-MAY-2009 02:45:57	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	37790	No
26	GOM_NL__2PRFIN20090523_024902_000000342079_00161_37790_7142.N1	23-MAY-2009 02:49:02	Bright	34.000	102	24Alp Ser	2.6000	4250.0	68	37790	No
27	GOM_NL__2PRFIN20090523_025502_000000422079_00161_37790_7143.N1	23-MAY-2009 02:55:02	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	37790	No
28	GOM_NL__2PRFIN20090523_025845_000000432079_00161_37790_7144.N1	23-MAY-2009 02:58:45	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	37790	No
29	GOM_NL__2PRFIN20090523_030626_000000402079_00161_37790_7145.N1	23-MAY-2009 03:06:26	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	37790	No
30	GOM_NL__2PRFIN20090523_031656_000000352079_00161_37790_7146.N1	23-MAY-2009 03:16:56	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	37790	No
31	GOM_NL__2PRFIN20090523_033049_000000292079_00161_37790_7147.N1	23-MAY-2009 03:30:49	Twilight	28.500	58	21Alp And	2.0730	11000.	57	37790	No
32	GOM_NL__2PRFIN20090523_033515_000000302079_00161_37790_7148.N1	23-MAY-2009 03:35:15	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37790	No
33	GOM_NL__2PRFIN20090523_035129_000000392079_00161_37790_7149.N1	23-MAY-2009 03:51:29	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37790	No
34	GOM_NL__2PRFIN20090523_035700_000000432079_00162_37791_7147.N1	23-MAY-2009 03:57:00	Dark	42.500	172	Gam Gru	3.0030	13100.	85	37791	No
35	GOM_NL__2PRFIN20090523_041234_000000382079_00162_37791_7148.N1	23-MAY-2009 04:12:34	Straylight	38.000	178	lot1Sco	3.0220	6550.0	76	37791	No
36	GOM_NL__2PRFIN20090523_041358_000000382079_00162_37791_7149.N1	23-MAY-2009 04:13:58	Straylight	38.000	25	35Lam Sco	1.6200	28000.	76	37791	No
37	GOM_NL__2PRFIN20090523_041813_000000342079_00162_37791_7150.N1	23-MAY-2009 04:18:13	Twilight	34.000	136	23Tau Sco	2.8220	30000.	68	37791	No
38	GOM_NL__2PRFIN20090523_042212_000000442079_00162_37791_7151.N1	23-MAY-2009 04:22:12	Bright	43.500	86	35Eta Oph	2.4300	10200.	87	37791	No
39	GOM_NL__2PRFIN20090523_042414_000000392079_00162_37791_7152.N1	23-MAY-2009 04:24:14	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	37791	No
40	GOM_NL__2PRFIN20090523_042634_000000372079_00162_37791_7153.N1	23-MAY-2009 04:26:34	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	37791	No
41	GOM_NL__2PRFIN20090523_042939_000000352079_00162_37791_7154.N1	23-MAY-2009 04:29:39	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	37791	No
42	GOM_NL__2PRFIN20090523_043537_000000432079_00162_37791_7155.N1	23-MAY-2009 04:35:37	Bright	43.000	127	27Bet Her	2.7810	4700.0	86	37791	No

43	GOM_NL__2PRFIN20090523_043920_000000442079_00162_37791_7156.N1	23-MAY-2009 04:39:20	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	37791	No
44	GOM_NL__2PRFIN20090523_044701_000000402079_00162_37791_7157.N1	23-MAY-2009 04:47:01	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	37791	No
45	GOM_NL__2PRFIN20090523_045732_000000352079_00162_37791_7158.N1	23-MAY-2009 04:57:32	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	37791	No
46	GOM_NL__2PRFIN20090523_051125_000000292079_00162_37791_7159.N1	23-MAY-2009 05:11:25	Twilight	29.000	58	21Alp And	2.0730	11000.	58	37791	No
47	GOM_NL__2PRFIN20090523_051551_000000302079_00162_37791_7160.N1	23-MAY-2009 05:15:51	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37791	No
48	GOM_NL__2PRFIN20090523_053206_000000402079_00162_37791_7161.N1	23-MAY-2009 05:32:06	Dark	39.500	18	24Alp PsA	1.1660	9700.0	79	37791	No
49	GOM_NL__2PRFIN20090523_053737_000000182079_00163_37792_7172.N1	23-MAY-2009 05:37:37	Dark	17.500	172	Gam Gru	3.0030	13100.	35	37792	No
50	GOM_NL__2PRFIN20090523_055311_000000392079_00163_37792_7173.N1	23-MAY-2009 05:53:11	Straylight	38.500	178	lot1Sco	3.0220	6550.0	77	37792	No
51	GOM_NL__2PRFIN20090523_055434_000000392079_00163_37792_7174.N1	23-MAY-2009 05:54:34	Straylight	38.500	25	35Lam Sco	1.6200	28000.	77	37792	No
52	GOM_NL__2PRFIN20090523_060248_000000432079_00163_37792_7175.N1	23-MAY-2009 06:02:48	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	37792	No
53	GOM_NL__2PRFIN20090523_060450_000000382079_00163_37792_7176.N1	23-MAY-2009 06:04:50	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	37792	No
54	GOM_NL__2PRFIN20090523_060710_000000362079_00163_37792_7177.N1	23-MAY-2009 06:07:10	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	37792	No
55	GOM_NL__2PRFIN20090523_061014_000000342079_00163_37792_7178.N1	23-MAY-2009 06:10:14	Bright	34.000	102	24Alp Ser	2.6000	4250.0	68	37792	No
56	GOM_NL__2PRFIN20090523_061613_000000422079_00163_37792_7179.N1	23-MAY-2009 06:16:13	Bright	42.000	127	27Bet Her	2.7810	4700.0	84	37792	No
57	GOM_NL__2PRFIN20090523_061955_000000432079_00163_37792_7180.N1	23-MAY-2009 06:19:55	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	37792	No
58	GOM_NL__2PRFIN20090523_062852_000000432079_00163_37792_7181.N1	23-MAY-2009 06:28:52	Bright	43.000	69	33Gam Dra	2.2310	3800.0	86	37792	No
59	GOM_NL__2PRFIN20090523_063807_000000362079_00163_37792_7182.N1	23-MAY-2009 06:38:07	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	37792	No
60	GOM_NL__2PRFIN20090523_065201_000000292079_00163_37792_7183.N1	23-MAY-2009 06:52:01	Twilight	29.000	58	21Alp And	2.0730	11000.	58	37792	No
61	GOM_NL__2PRFIN20090523_065628_000000292079_00163_37792_7184.N1	23-MAY-2009 06:56:28	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37792	No
62	GOM_NL__2PRFIN20090523_071243_000000402079_00163_37792_7185.N1	23-MAY-2009 07:12:43	Dark	39.500	18	24Alp PsA	1.1660	9700.0	79	37792	No
63	GOM_NL__2PRFIN20090523_071814_000000422079_00164_37793_7191.N1	23-MAY-2009 07:18:14	Dark	42.000	172	Gam Gru	3.0030	13100.	84	37793	No
64	GOM_NL__2PRFIN20090523_073347_000000382079_00164_37793_7192.N1	23-MAY-2009 07:33:47	Straylight	38.000	178	lot1Sco	3.0220	6550.0	76	37793	No
65	GOM_NL__2PRFIN20090523_073511_000000372079_00164_37793_7193.N1	23-MAY-2009 07:35:11	Straylight	37.000	25	35Lam Sco	1.6200	28000.	74	37793	No
66	GOM_NL__2PRFIN20090523_074325_000000432079_00164_37793_7194.N1	23-MAY-2009 07:43:25	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	37793	No
67	GOM_NL__2PRFIN20090523_074526_000000382079_00164_37793_7195.N1	23-MAY-2009 07:45:26	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	37793	No
68	GOM_NL__2PRFIN20090523_074745_000000372079_00164_37793_7196.N1	23-MAY-2009 07:47:45	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	37793	No
69	GOM_NL__2PRFIN20090523_075050_000000352079_00164_37793_7197.N1	23-MAY-2009 07:50:50	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	37793	No
70	GOM_NL__2PRFIN20090523_075648_000000422079_00164_37793_7198.N1	23-MAY-2009 07:56:48	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	37793	No
71	GOM_NL__2PRFIN20090523_080031_000000422079_00164_37793_7199.N1	23-MAY-2009 08:00:31	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	37793	No
72	GOM_NL__2PRFIN20090523_080927_000000432079_00164_37793_7200.N1	23-MAY-2009 08:09:27	Bright	42.500	69	33Gam Dra	2.2310	3800.0	85	37793	No
73	GOM_NL__2PRFIN20090523_081842_000000352079_00164_37793_7201.N1	23-MAY-2009 08:18:42	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	37793	No
74	GOM_NL__2PRFIN20090523_083237_000000292079_00164_37793_7202.N1	23-MAY-2009 08:32:37	Twilight	28.500	58	21Alp And	2.0730	11000.	57	37793	No
75	GOM_NL__2PRFIN20090523_083704_000000292079_00164_37793_7203.N1	23-MAY-2009 08:37:04	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37793	No
76	GOM_NL__2PRFIN20090523_085320_000000402079_00164_37793_7204.N1	23-MAY-2009 08:53:20	Dark	39.500	18	24Alp PsA	1.1660	9700.0	79	37793	No
77	GOM_NL__2PRFIN20090523_085851_000000432079_00165_37794_7205.N1	23-MAY-2009 08:58:51	Dark	43.000	172	Gam Gru	3.0030	13100.	86	37794	No
78	GOM_NL__2PRFIN20090523_091424_000000382079_00165_37794_7206.N1	23-MAY-2009 09:14:24	Straylight	37.500	178	lot1Sco	3.0220	6550.0	75	37794	No
79	GOM_NL__2PRFIN20090523_091547_000000372079_00165_37794_7207.N1	23-MAY-2009 09:15:47	Straylight	37.000	25	35Lam Sco	1.6200	28000.	74	37794	No
80	GOM_NL__2PRFIN20090523_092400_000000422079_00165_37794_7208.N1	23-MAY-2009 09:24:00	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	37794	No
81	GOM_NL__2PRFIN20090523_092602_000000382079_00165_37794_7209.N1	23-MAY-2009 09:26:02	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	37794	No
82	GOM_NL__2PRFIN20090523_092821_000000372079_00165_37794_7210.N1	23-MAY-2009 09:28:21	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	37794	No
83	GOM_NL__2PRFIN20090523_093126_000000352079_00165_37794_7211.N1	23-MAY-2009 09:31:26	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	37794	No
84	GOM_NL__2PRFIN20090523_093723_000000422079_00165_37794_7212.N1	23-MAY-2009 09:37:23	Bright	42.000	127	27Bet Her	2.7810	4700.0	84	37794	No
85	GOM_NL__2PRFIN20090523_094106_000000432079_00165_37794_7213.N1	23-MAY-2009 09:41:06	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	37794	No
86	GOM_NL__2PRFIN20090523_095002_000000432079_00165_37794_7214.N1	23-MAY-2009 09:50:02	Bright	43.000	69	33Gam Dra	2.2310	3800.0	86	37794	No
87	GOM_NL__2PRFIN20090523_095918_000000352079_00165_37794_7215.N1	23-MAY-2009 09:59:18	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	37794	No
88	GOM_NL__2PRFIN20090523_101313_000000292079_00165_37794_7216.N1	23-MAY-2009 10:13:13	Twilight	29.000	58	21Alp And	2.0730	11000.	58	37794	No
89	GOM_NL__2PRFIN20090523_101740_000000302079_00165_37794_7217.N1	23-MAY-2009 10:17:40	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37794	No
90	GOM_NL__2PRFIN20090523_103357_000000392079_00165_37794_7218.N1	23-MAY-2009 10:33:57	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37794	No
91	GOM_NL__2PRFIN20090523_105500_000000382079_00166_37795_7219.N1	23-MAY-2009 10:55:00	Straylight	37.500	178	lot1Sco	3.0220	6550.0	75	37795	No
92	GOM_NL__2PRFIN20090523_105624_000000372079_00166_37795_7220.N1	23-MAY-2009 10:56:24	Straylight	37.000	25	35Lam Sco	1.6200	28000.	74	37795	No
93	GOM_NL__2PRFIN20090523_110436_000000422079_00166_37795_7221.N1	23-MAY-2009 11:04:36	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	37795	No
94	GOM_NL__2PRFIN20090523_110637_000000382079_00166_37795_7222.N1	23-MAY-2009 11:06:37	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	37795	No
95	GOM_NL__2PRFIN20090523_110857_000000362079_00166_37795_7223.N1	23-MAY-2009 11:08:57	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	37795	No
96	GOM_NL__2PRFIN20090523_111203_000000332079_00166_37795_7224.N1	23-MAY-2009 11:12:03	Bright	32.500	102	24Alp Ser	2.6000	4250.0	65	37795	No
97	GOM_NL__2PRFIN20090523_111759_000000412079_00166_37795_7225.N1	23-MAY-2009 11:17:59	Bright	41.000	127	27Bet Her	2.7810	4700.0	82	37795	No
98	GOM_NL__2PRFIN20090523_112141_000000422079_00166_37795_7226.N1	23-MAY-2009 11:21:41	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	37795	No
99	GOM_NL__2PRFIN20090523_113037_000000432079_00166_37795_7227.N1	23-MAY-2009 11:30:37	Bright	42.500	69	33Gam Dra	2.2310	3800.0	85	37795	No
100	GOM_NL__2PRFIN20090523_113954_000000342079_00166_37795_7228.N1	23-MAY-2009 11:39:54	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	37795	No
101	GOM_NL__2PRFIN20090523_115349_000000292079_00166_37795_7229.N1	23-MAY-2009 11:53:49	Twilight	28.500	58	21Alp And	2.0730	11000.	57	37795	No

102	GOM_NL__2PRFIN20090523_115817_000000292079_00166_37795_7230.N1	23-MAY-2009 11:58:17	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37795	No
103	GOM_NL__2PRFIN20090523_121434_000000392079_00166_37795_7231.N1	23-MAY-2009 12:14:34	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37795	No
104	GOM_NL__2PRFIN20090523_122005_000000432079_00167_37796_7233.N1	23-MAY-2009 12:20:05	Dark	43.000	172	Gam Gru	3.0030	13100.	86	37796	No
105	GOM_NL__2PRFIN20090523_123537_000000372079_00167_37796_7234.N1	23-MAY-2009 12:35:37	Straylight	36.500	178	lot1Sco	3.0220	6550.0	73	37796	No
106	GOM_NL__2PRFIN20090523_123700_000000372079_00167_37796_7235.N1	23-MAY-2009 12:37:00	Straylight	37.000	25	35Lam Sco	1.6200	28000.	74	37796	No
107	GOM_NL__2PRFIN20090523_124512_000000422079_00167_37796_7236.N1	23-MAY-2009 12:45:12	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	37796	No
108	GOM_NL__2PRFIN20090523_124713_000000382079_00167_37796_7237.N1	23-MAY-2009 12:47:13	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	37796	No
109	GOM_NL__2PRFIN20090523_124933_000000362079_00167_37796_7238.N1	23-MAY-2009 12:49:33	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	37796	No
110	GOM_NL__2PRFIN20090523_125833_000000422079_00167_37796_7239.N1	23-MAY-2009 12:58:33	Bright	42.000	127	27Bet Her	2.7810	4700.0	84	37796	No
111	GOM_NL__2PRFIN20090523_130216_000000422079_00167_37796_7240.N1	23-MAY-2009 13:02:16	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	37796	No
112	GOM_NL__2PRFIN20090523_131112_000000442079_00167_37796_7241.N1	23-MAY-2009 13:11:12	Bright	43.500	69	33Gam Dra	2.2310	3800.0	87	37796	No
113	GOM_NL__2PRFIN20090523_132029_000000352079_00167_37796_7242.N1	23-MAY-2009 13:20:29	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	37796	No
114	GOM_NL__2PRFIN20090523_133425_000000292079_00167_37796_7243.N1	23-MAY-2009 13:34:25	Tw_i_and_stray	29.000	58	21Alp And	2.0730	11000.	58	37796	No
115	GOM_NL__2PRFIN20090523_133853_000000292079_00167_37796_7244.N1	23-MAY-2009 13:38:53	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37796	No
116	GOM_NL__2PRFIN20090523_135511_000000392079_00167_37796_7245.N1	23-MAY-2009 13:55:11	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37796	No
117	GOM_NL__2PRFIN20090523_140043_000000432079_00168_37797_7247.N1	23-MAY-2009 14:00:43	Dark	42.500	172	Gam Gru	3.0030	13100.	85	37797	No
118	GOM_NL__2PRFIN20090523_141614_000000372079_00168_37797_7248.N1	23-MAY-2009 14:16:14	Straylight	37.000	178	lot1Sco	3.0220	6550.0	74	37797	No
119	GOM_NL__2PRFIN20090523_141736_000000372079_00168_37797_7249.N1	23-MAY-2009 14:17:36	Straylight	36.500	25	35Lam Sco	1.6200	28000.	73	37797	No
120	GOM_NL__2PRFIN20090523_142548_000000422079_00168_37797_7250.N1	23-MAY-2009 14:25:48	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	37797	No
121	GOM_NL__2PRFIN20090523_142749_000000382079_00168_37797_7251.N1	23-MAY-2009 14:27:49	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	37797	No
122	GOM_NL__2PRFIN20090523_143009_000000362079_00168_37797_7252.N1	23-MAY-2009 14:30:09	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	37797	No
123	GOM_NL__2PRFIN20090523_143909_000000422079_00168_37797_7253.N1	23-MAY-2009 14:39:09	Bright	42.000	127	27Bet Her	2.7810	4700.0	84	37797	No
124	GOM_NL__2PRFIN20090523_144251_000000432079_00168_37797_7254.N1	23-MAY-2009 14:42:51	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	37797	No
125	GOM_NL__2PRFIN20090523_145147_000000432079_00168_37797_7255.N1	23-MAY-2009 14:51:47	Bright	43.000	69	33Gam Dra	2.2310	3800.0	86	37797	No
126	GOM_NL__2PRFIN20090523_150104_000000342079_00168_37797_7256.N1	23-MAY-2009 15:01:04	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	37797	No
127	GOM_NL__2PRFIN20090523_151501_000000292079_00168_37797_7257.N1	23-MAY-2009 15:15:01	Tw_i_and_stray	29.000	58	21Alp And	2.0730	11000.	58	37797	No
128	GOM_NL__2PRFIN20090523_151929_000000292079_00168_37797_7258.N1	23-MAY-2009 15:19:29	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37797	No
129	GOM_NL__2PRFIN20090523_153548_000000392079_00168_37797_7259.N1	23-MAY-2009 15:35:48	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37797	No
130	GOM_NL__2PRFIN20090523_154120_000000432079_00169_37798_7283.N1	23-MAY-2009 15:41:20	Dark	43.000	172	Gam Gru	3.0030	13100.	86	37798	No
131	GOM_NL__2PRFIN20090523_155650_000000382079_00169_37798_7284.N1	23-MAY-2009 15:56:50	Straylight	37.500	178	lot1Sco	3.0220	6550.0	75	37798	No
132	GOM_NL__2PRFIN20090523_155813_000000372079_00169_37798_7285.N1	23-MAY-2009 15:58:13	Straylight	36.500	25	35Lam Sco	1.6200	28000.	73	37798	No
133	GOM_NL__2PRFIN20090523_160624_000000442079_00169_37798_7286.N1	23-MAY-2009 16:06:24	Bright	43.500	86	35Eta Oph	2.4300	10200.	87	37798	No
134	GOM_NL__2PRFIN20090523_160825_000000382079_00169_37798_7287.N1	23-MAY-2009 16:08:25	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	37798	No
135	GOM_NL__2PRFIN20090523_161044_000000372079_00169_37798_7288.N1	23-MAY-2009 16:10:44	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	37798	No
136	GOM_NL__2PRFIN20090523_161944_000000422079_00169_37798_7289.N1	23-MAY-2009 16:19:44	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	37798	No
137	GOM_NL__2PRFIN20090523_162327_000000432079_00169_37798_7290.N1	23-MAY-2009 16:23:27	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	37798	No
138	GOM_NL__2PRFIN20090523_163222_000000442079_00169_37798_7291.N1	23-MAY-2009 16:32:22	Bright	43.500	69	33Gam Dra	2.2310	3800.0	87	37798	No
139	GOM_NL__2PRFIN20090523_164139_000000352079_00169_37798_7292.N1	23-MAY-2009 16:41:39	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	37798	No
140	GOM_NL__2PRFIN20090523_165538_000000292079_00169_37798_7293.N1	23-MAY-2009 16:55:38	Tw_i_and_stray	29.000	58	21Alp And	2.0730	11000.	58	37798	No
141	GOM_NL__2PRFIN20090523_170005_000000302079_00169_37798_7294.N1	23-MAY-2009 17:00:05	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37798	No
142	GOM_NL__2PRFIN20090523_171625_000000392079_00169_37798_7295.N1	23-MAY-2009 17:16:25	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37798	No
143	GOM_NL__2PRFIN20090523_172157_000000432079_00170_37799_7297.N1	23-MAY-2009 17:21:57	Dark	42.500	172	Gam Gru	3.0030	13100.	85	37799	No
144	GOM_NL__2PRFIN20090523_173726_000000372079_00170_37799_7298.N1	23-MAY-2009 17:37:26	Straylight	37.000	178	lot1Sco	3.0220	6550.0	74	37799	No
145	GOM_NL__2PRFIN20090523_173849_000000372079_00170_37799_7299.N1	23-MAY-2009 17:38:49	Straylight	36.500	25	35Lam Sco	1.6200	28000.	73	37799	No
146	GOM_NL__2PRFIN20090523_174701_000000422079_00170_37799_7300.N1	23-MAY-2009 17:47:01	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	37799	No
147	GOM_NL__2PRFIN20090523_174901_000000382079_00170_37799_7301.N1	23-MAY-2009 17:49:01	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	37799	No
148	GOM_NL__2PRFIN20090523_175120_000000362079_00170_37799_7302.N1	23-MAY-2009 17:51:20	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	37799	No
149	GOM_NL__2PRFIN20090523_180019_000000422079_00170_37799_7303.N1	23-MAY-2009 18:00:19	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	37799	No
150	GOM_NL__2PRFIN20090523_180402_000000422079_00170_37799_7304.N1	23-MAY-2009 18:04:02	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	37799	No
151	GOM_NL__2PRFIN20090523_181257_000000432079_00170_37799_7305.N1	23-MAY-2009 18:12:57	Bright	43.000	69	33Gam Dra	2.2310	3800.0	86	37799	No
152	GOM_NL__2PRFIN20090523_182215_000000352079_00170_37799_7306.N1	23-MAY-2009 18:22:15	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	37799	No
153	GOM_NL__2PRFIN20090523_183614_000000292079_00170_37799_7307.N1	23-MAY-2009 18:36:14	Tw_i_and_stray	29.000	58	21Alp And	2.0730	11000.	58	37799	No
154	GOM_NL__2PRFIN20090523_184042_000000292079_00170_37799_7308.N1	23-MAY-2009 18:40:42	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37799	No
155	GOM_NL__2PRFIN20090523_185702_000000392079_00170_37799_7309.N1	23-MAY-2009 18:57:02	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37799	No
156	GOM_NL__2PRFIN20090523_190234_000000432079_00171_37800_7315.N1	23-MAY-2009 19:02:34	Dark	42.500	172	Gam Gru	3.0030	13100.	85	37800	No
157	GOM_NL__2PRFIN20090523_191803_000000372079_00171_37800_7316.N1	23-MAY-2009 19:18:03	Straylight	37.000	178	lot1Sco	3.0220	6550.0	74	37800	No
158	GOM_NL__2PRFIN20090523_191926_000000372079_00171_37800_7317.N1	23-MAY-2009 19:19:26	Straylight	37.000	25	35Lam Sco	1.6200	28000.	74	37800	No
159	GOM_NL__2PRFIN20090523_192737_000000422079_00171_37800_7318.N1	23-MAY-2009 19:27:37	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	37800	No
160	GOM_NL__2PRFIN20090523_192937_000000382079_00171_37800_7319.N1	23-MAY-2009 19:29:37	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	37800	No

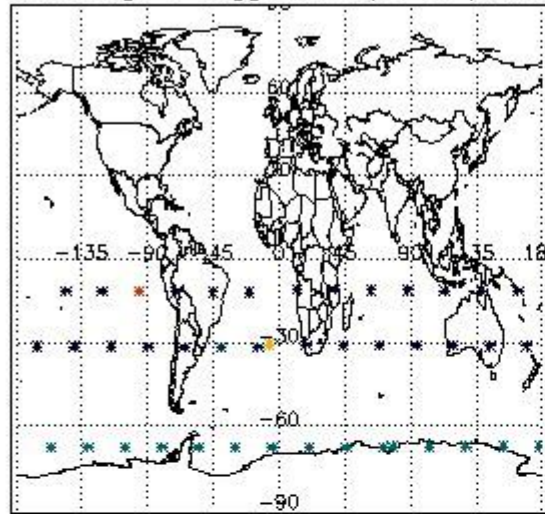
161	GOM_NL__2PRFIN20090523_193156_000000362079_00171_37800_7320.N1	23-MAY-2009 19:31:56	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	37800	No
162	GOM_NL__2PRFIN20090523_194055_000000422079_00171_37800_7321.N1	23-MAY-2009 19:40:55	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	37800	No
163	GOM_NL__2PRFIN20090523_194437_000000422079_00171_37800_7322.N1	23-MAY-2009 19:44:37	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	37800	No
164	GOM_NL__2PRFIN20090523_195332_000000432079_00171_37800_7323.N1	23-MAY-2009 19:53:32	Bright	42.500	69	33Gam Dra	2.2310	3800.0	85	37800	No
165	GOM_NL__2PRFIN20090523_200251_000000352079_00171_37800_7324.N1	23-MAY-2009 20:02:51	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	37800	No
166	GOM_NL__2PRFIN20090523_201650_000000292079_00171_37800_7325.N1	23-MAY-2009 20:16:50	Twilight	29.000	58	21Alp And	2.0730	11000.	58	37800	No
167	GOM_NL__2PRFIN20090523_202119_000000292079_00171_37800_7326.N1	23-MAY-2009 20:21:19	Dark	28.500	140	88Gam Peg	2.8340	26000.	57	37800	No
168	GOM_NL__2PRFIN20090523_203739_000000392079_00171_37800_7327.N1	23-MAY-2009 20:37:39	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37800	No
169	GOM_NL__2PRFIN20090523_204311_000000432079_00172_37801_7332.N1	23-MAY-2009 20:43:11	Dark	42.500	172	Gam Gru	3.0030	13100.	85	37801	No
170	GOM_NL__2PRFIN20090523_205840_000000372079_00172_37801_7333.N1	23-MAY-2009 20:58:40	Straylight	37.000	178	lot1Sco	3.0220	6550.0	74	37801	No
171	GOM_NL__2PRFIN20090523_210002_000000372079_00172_37801_7334.N1	23-MAY-2009 21:00:02	Straylight	37.000	25	35Lam Sco	1.6200	28000.	74	37801	No
172	GOM_NL__2PRFIN20090523_210813_000000422079_00172_37801_7335.N1	23-MAY-2009 21:08:13	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	37801	No
173	GOM_NL__2PRFIN20090523_211013_000000382079_00172_37801_7336.N1	23-MAY-2009 21:10:13	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	37801	No
174	GOM_NL__2PRFIN20090523_211232_000000362079_00172_37801_7337.N1	23-MAY-2009 21:12:32	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	37801	No
175	GOM_NL__2PRFIN20090523_212130_000000412079_00172_37801_7338.N1	23-MAY-2009 21:21:30	Bright	41.000	127	27Bet Her	2.7810	4700.0	82	37801	No
176	GOM_NL__2PRFIN20090523_212512_000000422079_00172_37801_7339.N1	23-MAY-2009 21:25:12	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	37801	No
177	GOM_NL__2PRFIN20090523_213407_000000432079_00172_37801_7340.N1	23-MAY-2009 21:34:07	Bright	42.500	69	33Gam Dra	2.2310	3800.0	85	37801	No
178	GOM_NL__2PRFIN20090523_214326_000000342079_00172_37801_7341.N1	23-MAY-2009 21:43:26	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	37801	No
179	GOM_NL__2PRFIN20090523_215726_000000292079_00172_37801_7342.N1	23-MAY-2009 21:57:26	Twilight	28.500	58	21Alp And	2.0730	11000.	57	37801	No
180	GOM_NL__2PRFIN20090523_220154_000000292079_00172_37801_7343.N1	23-MAY-2009 22:01:54	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37801	No
181	GOM_NL__2PRFIN20090523_221815_000000392079_00172_37801_7344.N1	23-MAY-2009 22:18:15	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37801	No
182	GOM_NL__2PRFIN20090523_222348_000000432079_00173_37802_7347.N1	23-MAY-2009 22:23:48	Dark	43.000	172	Gam Gru	3.0030	13100.	86	37802	No
183	GOM_NL__2PRFIN20090523_223916_000000372079_00173_37802_7348.N1	23-MAY-2009 22:39:16	Straylight	37.000	178	lot1Sco	3.0220	6550.0	74	37802	No
184	GOM_NL__2PRFIN20090523_224039_000000372079_00173_37802_7349.N1	23-MAY-2009 22:40:39	Straylight	36.500	25	35Lam Sco	1.6200	28000.	73	37802	No
185	GOM_NL__2PRFIN20090523_224849_000000412079_00173_37802_7350.N1	23-MAY-2009 22:48:49	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	37802	No
186	GOM_NL__2PRFIN20090523_225049_000000382079_00173_37802_7351.N1	23-MAY-2009 22:50:49	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	37802	No
187	GOM_NL__2PRFIN20090523_225308_000000362079_00173_37802_7352.N1	23-MAY-2009 22:53:08	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	37802	No
188	GOM_NL__2PRFIN20090523_230205_000000412079_00173_37802_7353.N1	23-MAY-2009 23:02:05	Bright	41.000	127	27Bet Her	2.7810	4700.0	82	37802	No
189	GOM_NL__2PRFIN20090523_230547_000000422079_00173_37802_7354.N1	23-MAY-2009 23:05:47	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	37802	No
190	GOM_NL__2PRFIN20090523_231442_000000432079_00173_37802_7355.N1	23-MAY-2009 23:14:42	Bright	42.500	69	33Gam Dra	2.2310	3800.0	85	37802	No
191	GOM_NL__2PRFIN20090523_232401_000000342079_00173_37802_7356.N1	23-MAY-2009 23:24:01	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	37802	No
192	GOM_NL__2PRFIN20090523_233802_000000292079_00173_37802_7357.N1	23-MAY-2009 23:38:02	Twilight	29.000	58	21Alp And	2.0730	11000.	58	37802	No
193	GOM_NL__2PRFIN20090523_234231_000000292079_00173_37802_7358.N1	23-MAY-2009 23:42:31	Dark	28.500	140	88Gam Peg	2.8340	26000.	57	37802	No
194	GOM_NL__2PRFIN20090523_235853_000000382079_00173_37802_7359.N1	23-MAY-2009 23:58:53	Dark	38.000	18	24Alp PsA	1.1660	9700.0	76	37802	No

3. Quality information per product

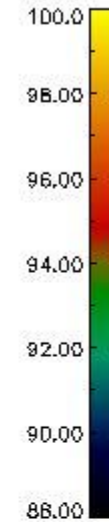
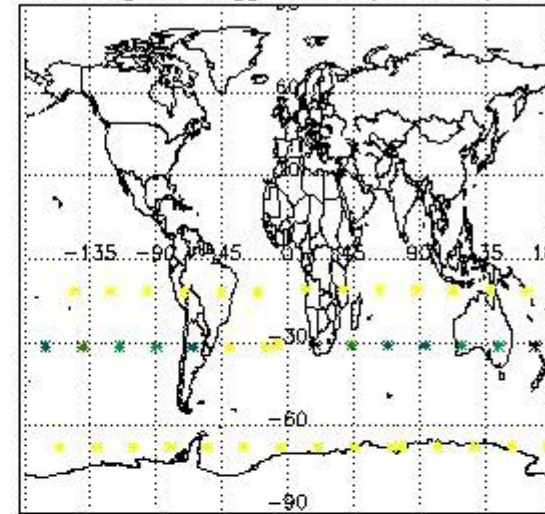
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

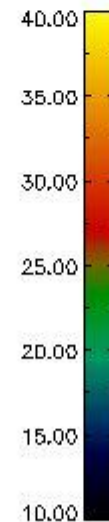
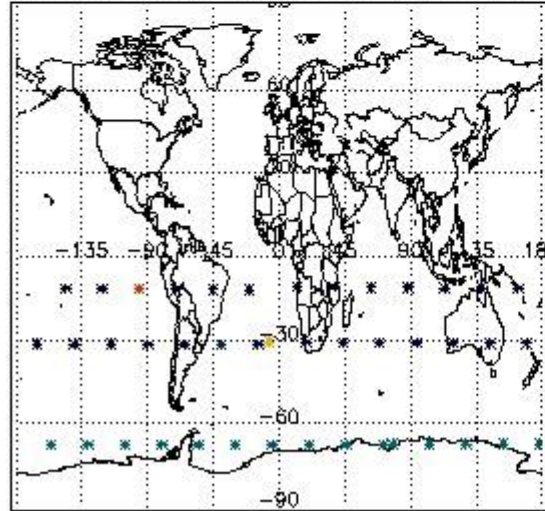
Percentage of flagged data per O3 profile



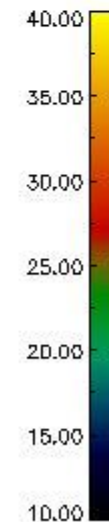
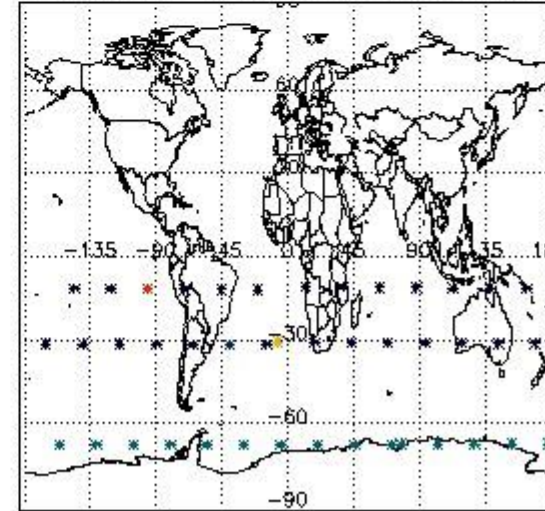
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

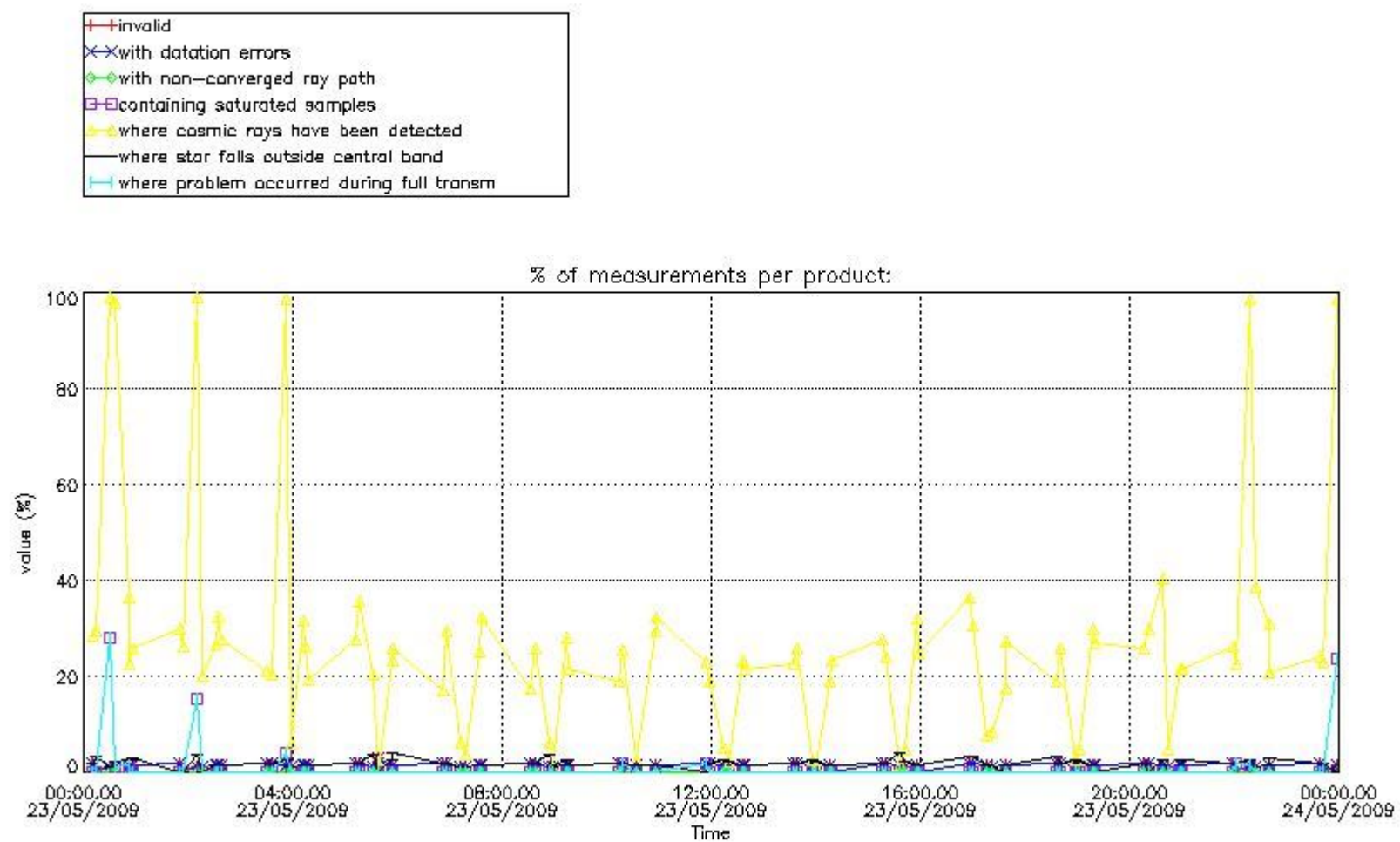


4. Level 1 quality information per product

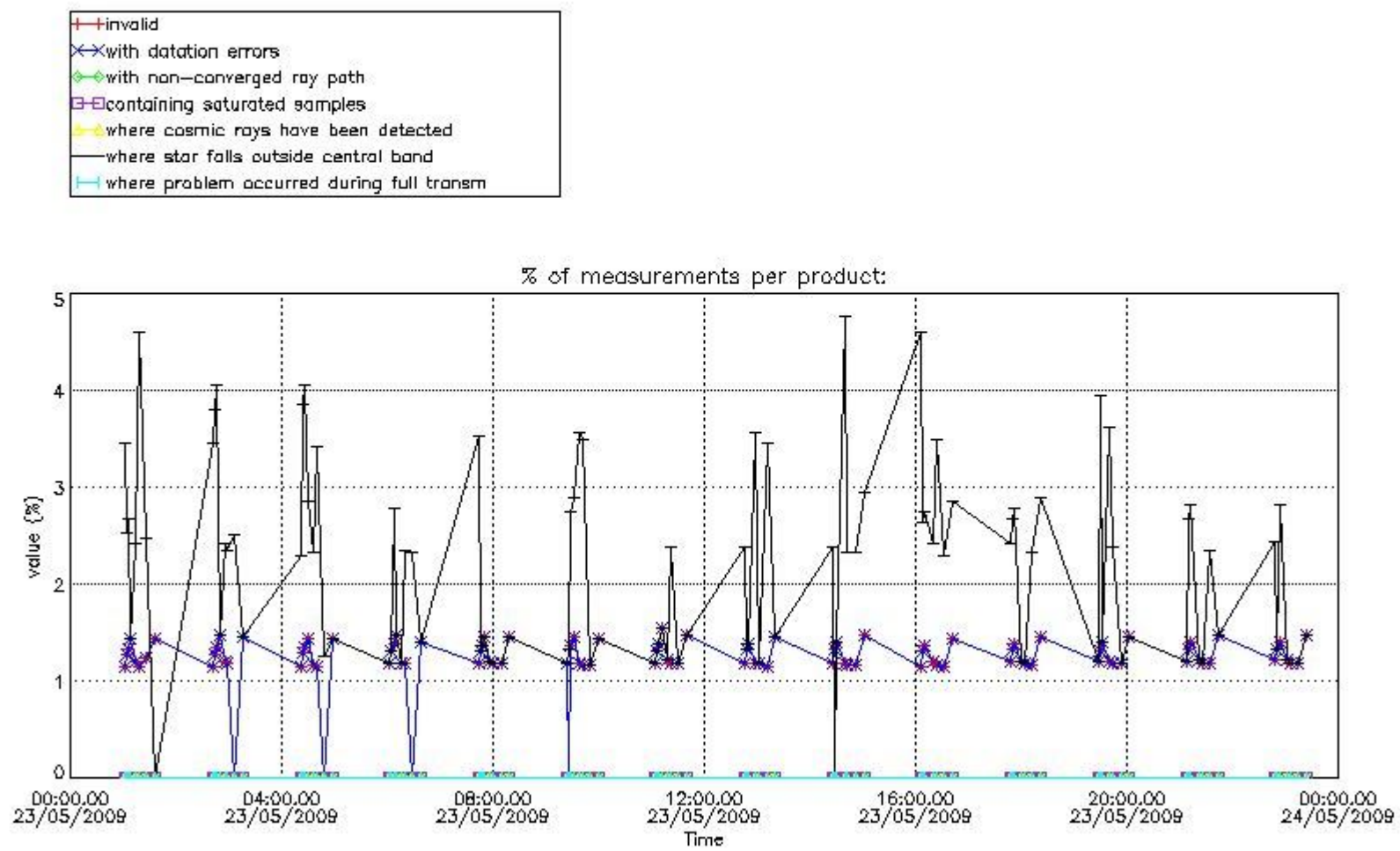
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



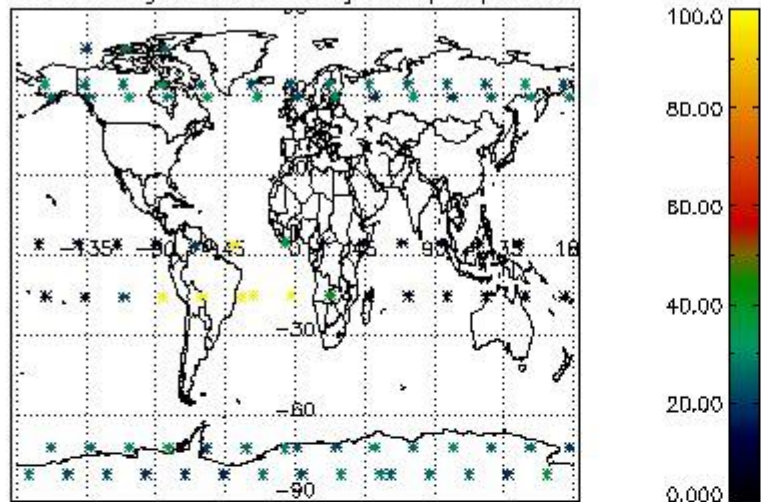
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



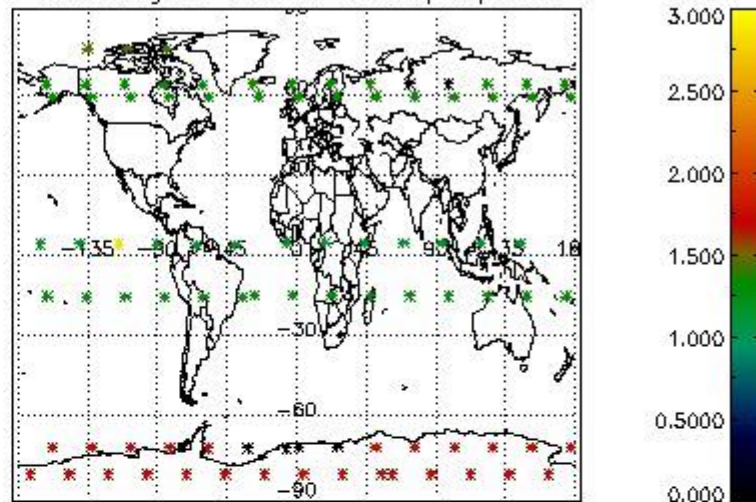
4.2 Plot quality information per product coming from level 1b processing (world map)

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

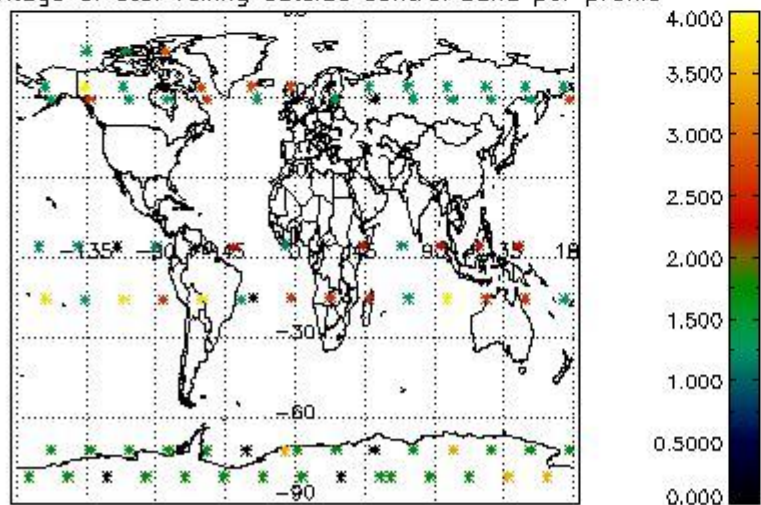
Percentage of cosmic ray hits per profile



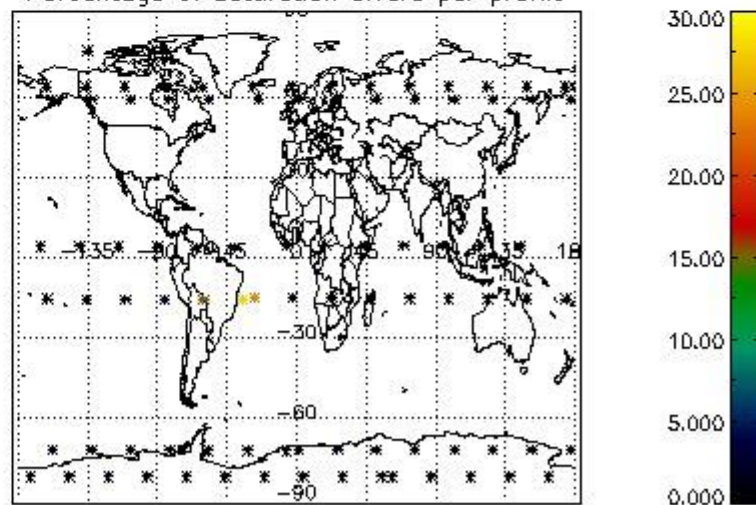
Percentage of datation errors per profile



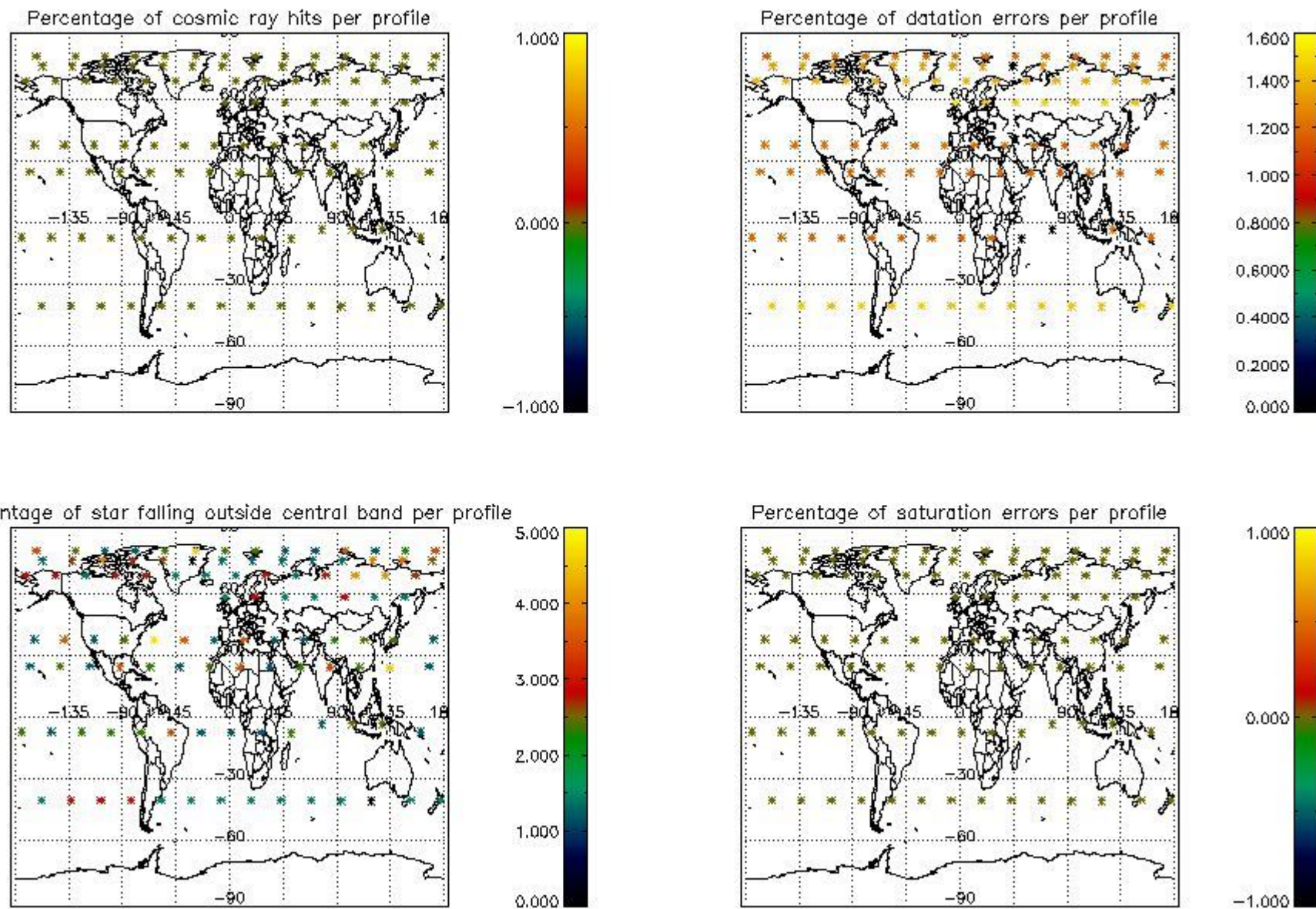
Percentage of star falling outside central band per profile



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

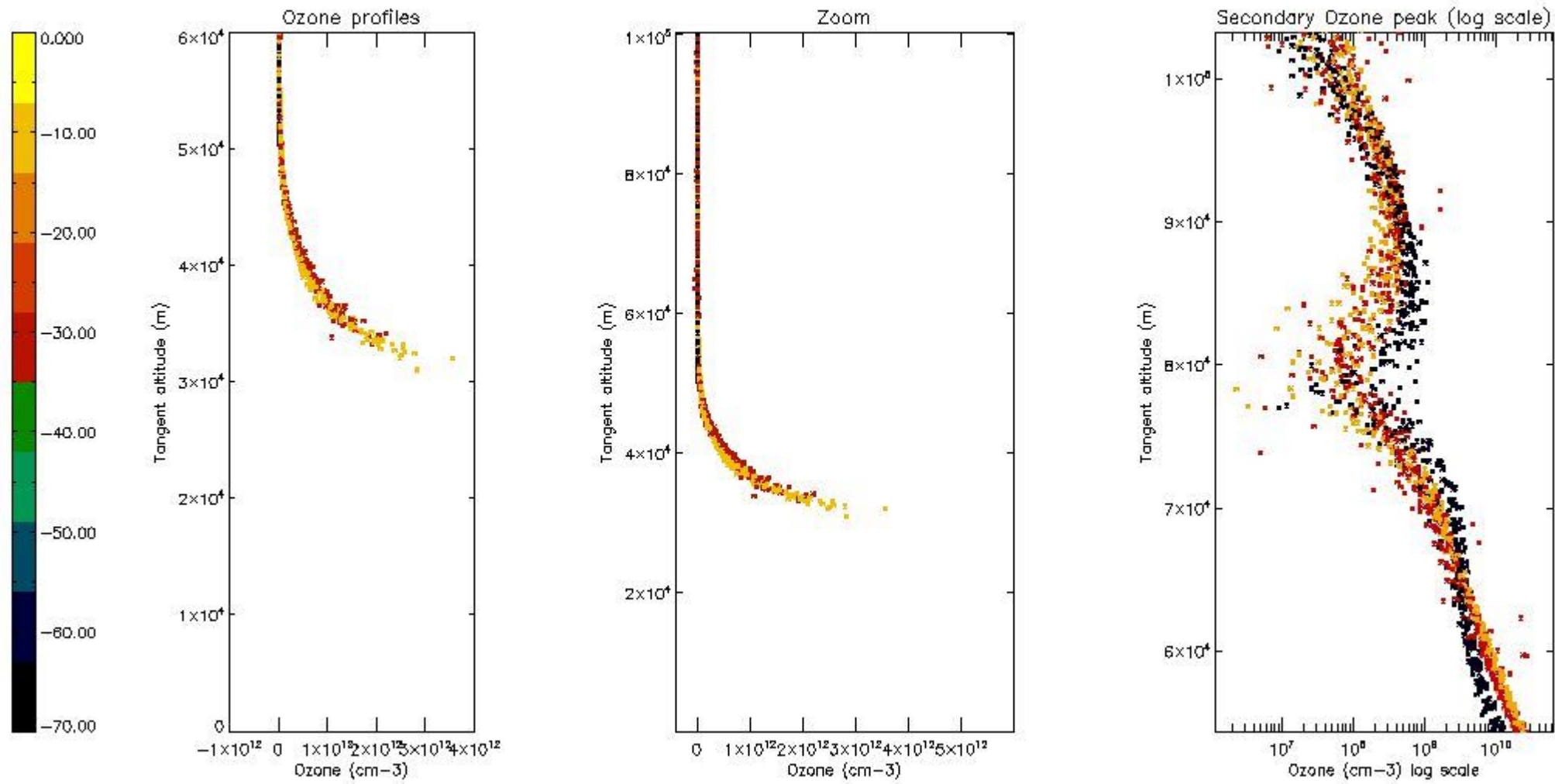
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	21
STD < 20	11

STD < 10	9
STD < 5	6

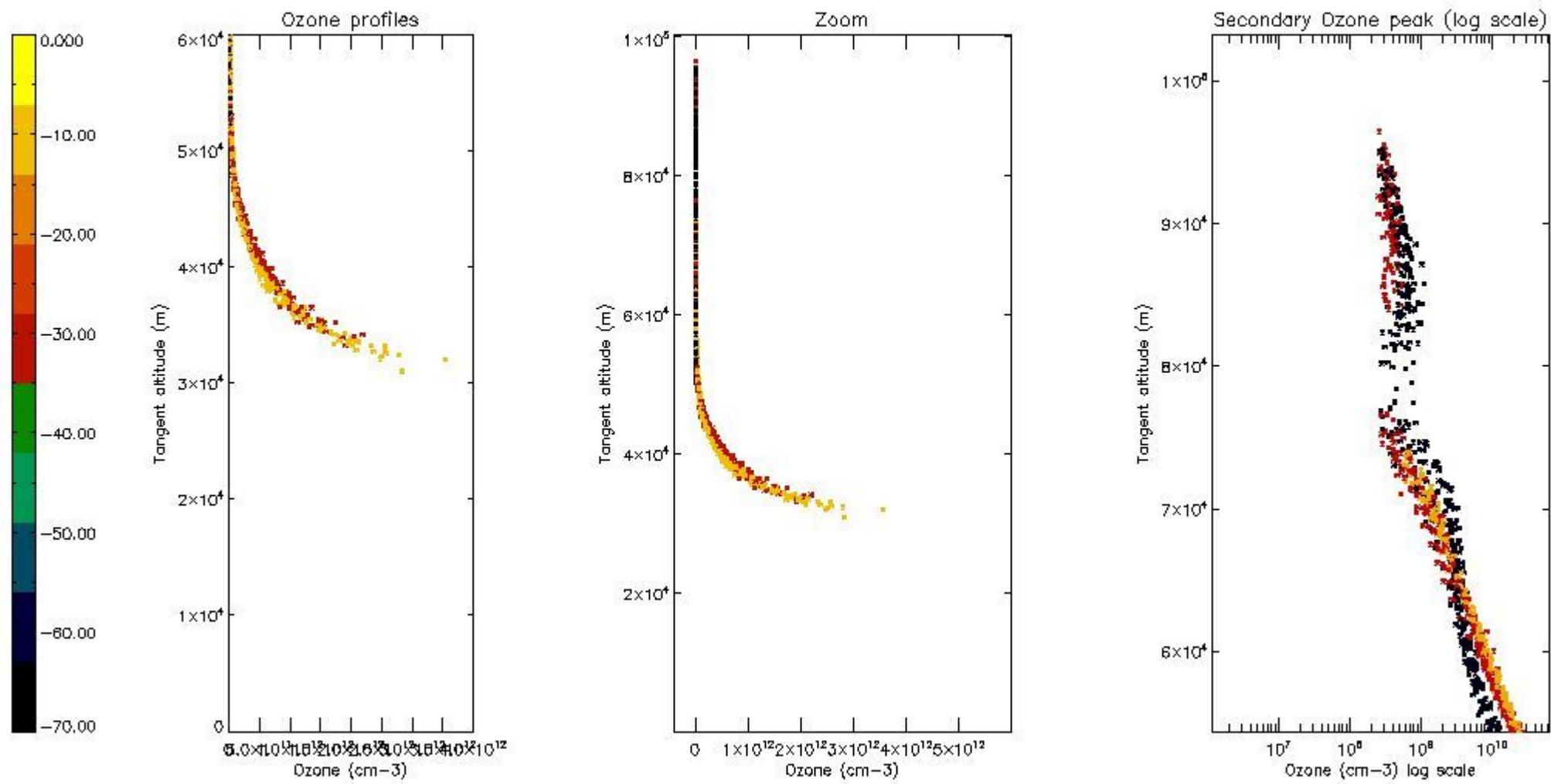
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



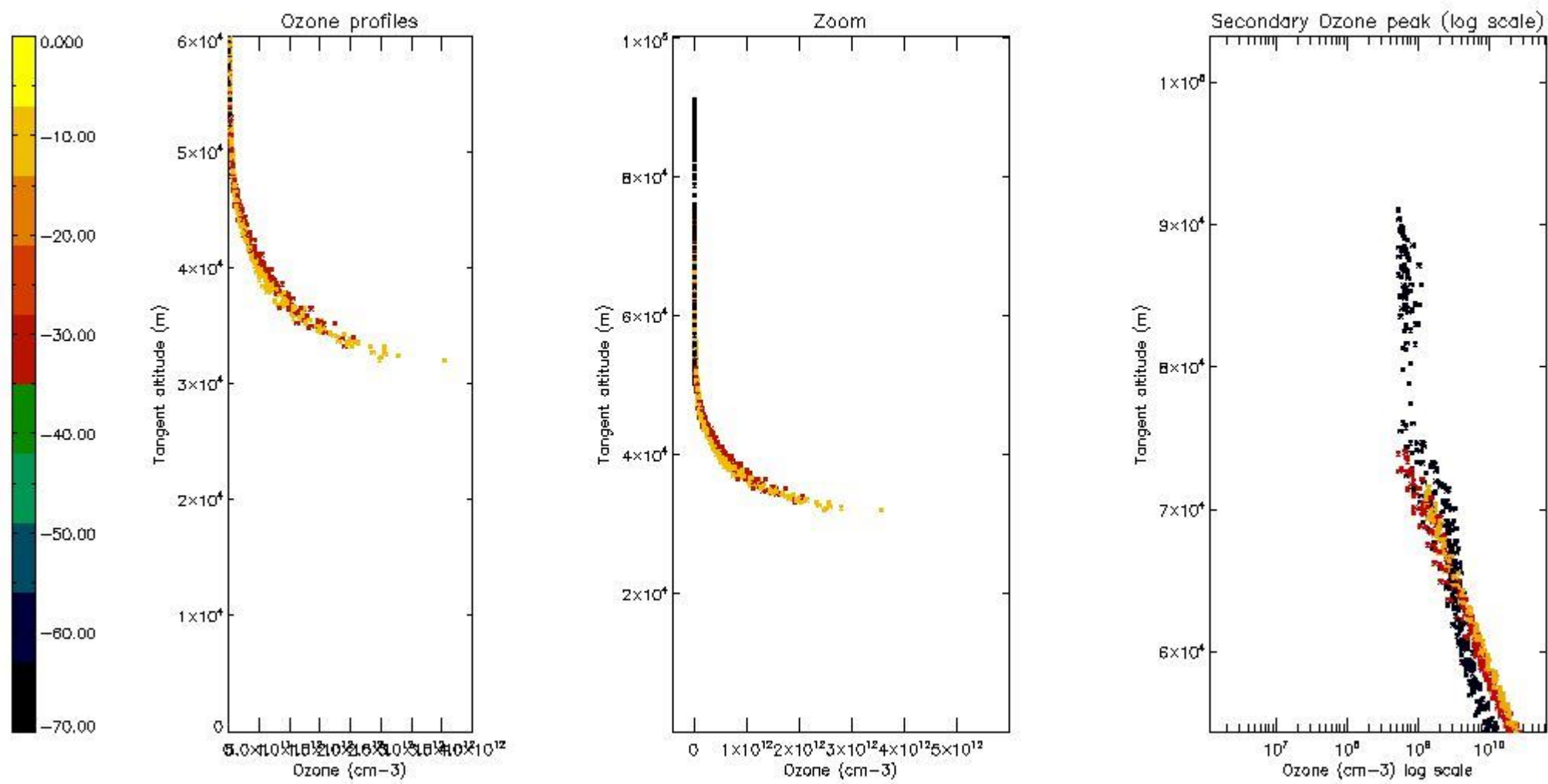
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



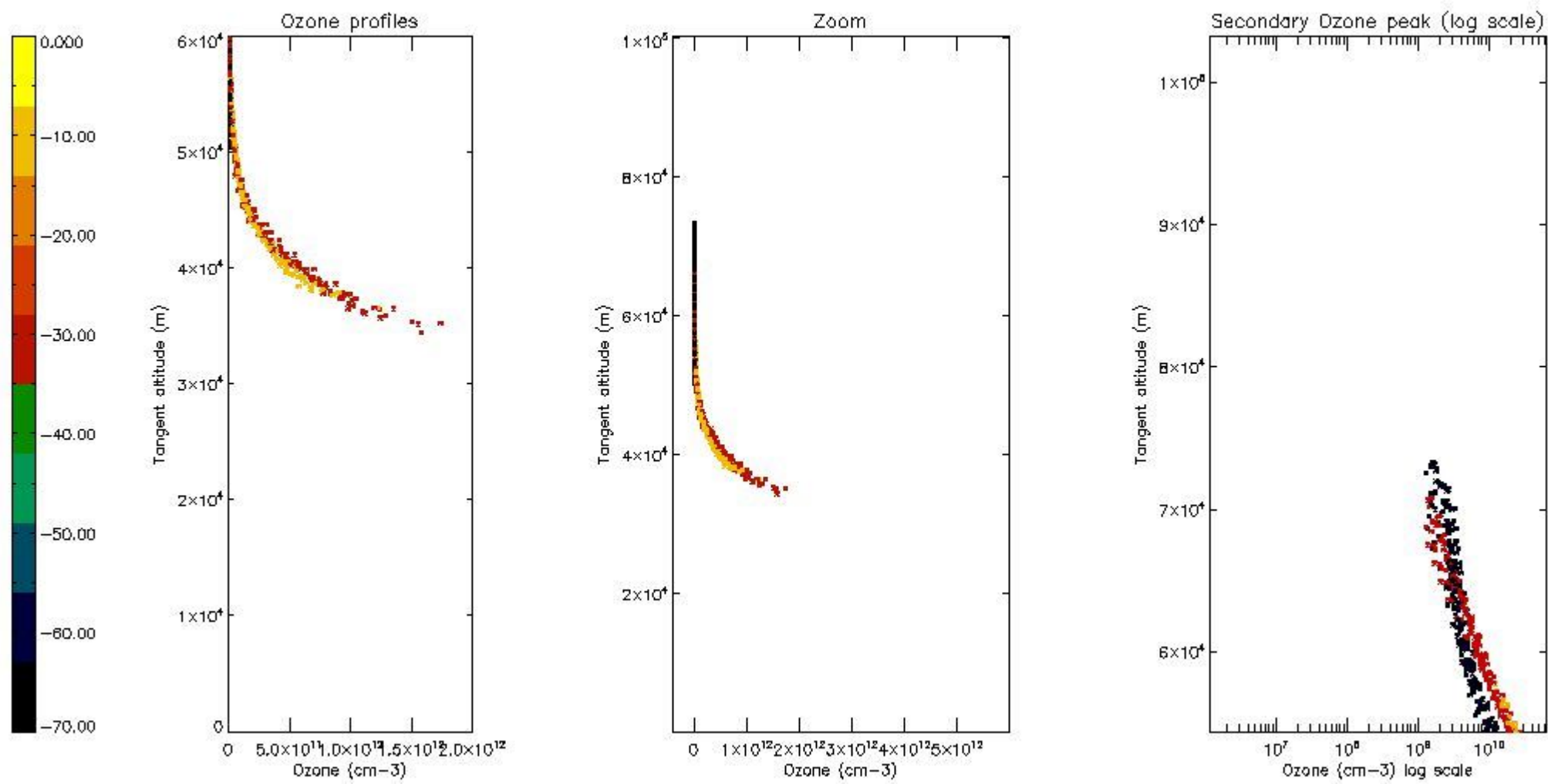
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



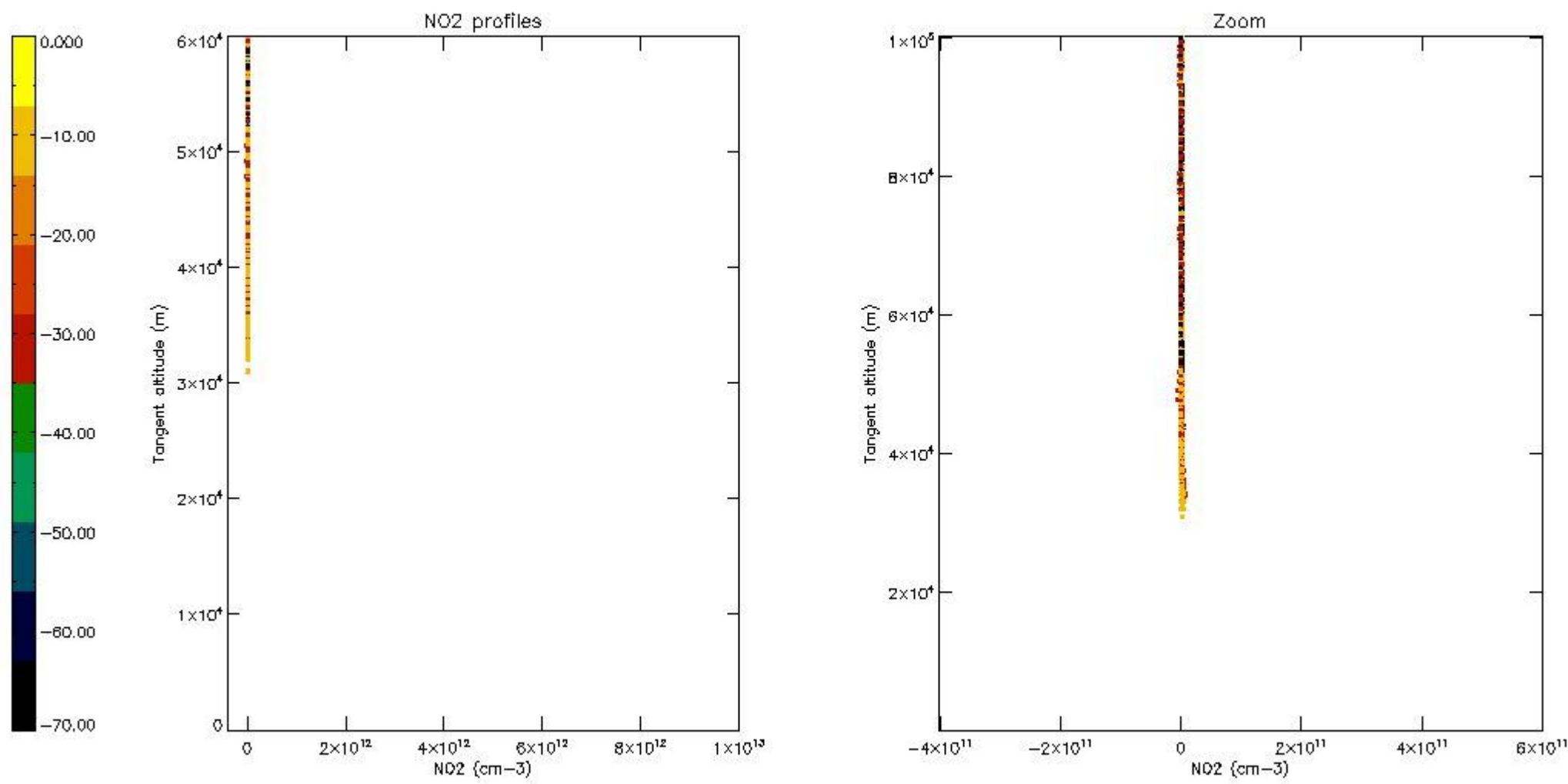
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



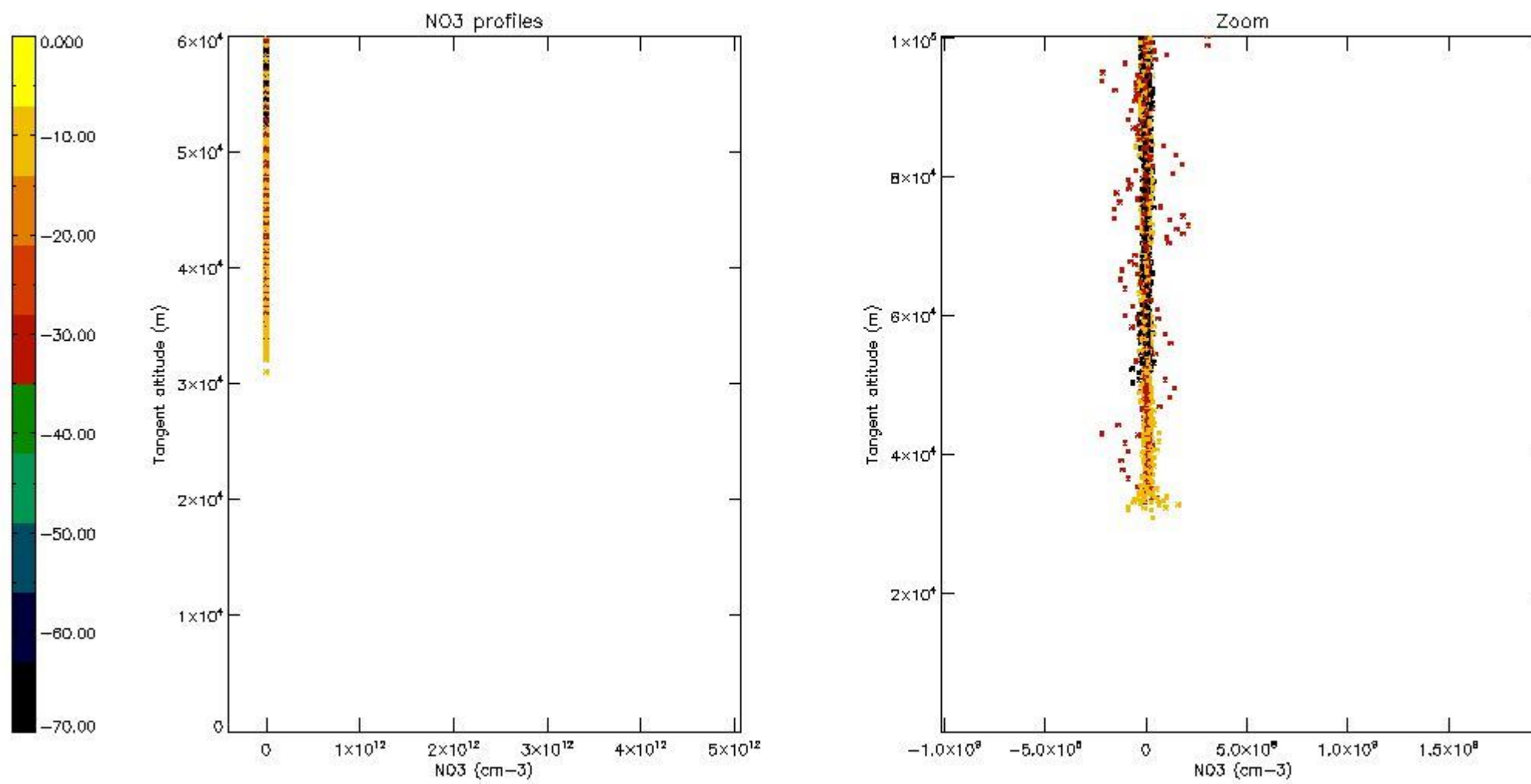
5.6 Plot NO₂ profiles for all STD (dark without errors)

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-MAY-2009 00:09:36
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-MAY-2009 00:09:36
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-MAY-2009 00:09:36

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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[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 \(dark without errors\)](#)

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

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

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

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

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

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

Item	Value
Time of report generation	26APR2013 09:42:33
Data source version	GOMOS/6.01
Start time of products	23-05-2009 (23MAY2009 00:00:00)
Stop time of products	24-05-2009 (24MAY2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	194
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__2PRFIN20090523_000936_000000302079_00159_37788_7114.N1	23-MAY-2009 00:09:36	Twilight	30.000	58	21Alp And	2.0730	11000.	60	37788	No
2	GOM_NL__2PRFIN20090523_001402_000000292079_00159_37788_7115.N1	23-MAY-2009 00:14:02	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37788	No
3	GOM_NL__2PRFIN20090523_003015_000000402079_00159_37788_7116.N1	23-MAY-2009 00:30:15	Dark	39.500	18	24Alp PsA	1.1660	9700.0	79	37788	No
4	GOM_NL__2PRFIN20090523_003545_000000442079_00160_37789_7121.N1	23-MAY-2009 00:35:45	Dark	43.500	172	Gam Gru	3.0030	13100.	87	37789	No
5	GOM_NL__2PRFIN20090523_005121_000000392079_00160_37789_7122.N1	23-MAY-2009 00:51:21	Straylight	38.500	178	lot1Sco	3.0220	6550.0	77	37789	No
6	GOM_NL__2PRFIN20090523_005244_000000382079_00160_37789_7123.N1	23-MAY-2009 00:52:44	Straylight	38.000	25	35Lam Sco	1.6200	28000.	76	37789	No
7	GOM_NL__2PRFIN20090523_005659_000000352079_00160_37789_7124.N1	23-MAY-2009 00:56:59	Twilight	35.000	136	23Tau Sco	2.8220	30000.	70	37789	No
8	GOM_NL__2PRFIN20090523_010100_000000442079_00160_37789_7125.N1	23-MAY-2009 01:01:00	Bright	43.500	86	35Eta Oph	2.4300	10200.	87	37789	No
9	GOM_NL__2PRFIN20090523_010302_000000402079_00160_37789_7126.N1	23-MAY-2009 01:03:02	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	37789	No
10	GOM_NL__2PRFIN20090523_010522_000000382079_00160_37789_7127.N1	23-MAY-2009 01:05:22	Bright	37.500	120	1Del Oph	2.7340	3200.0	75	37789	No
11	GOM_NL__2PRFIN20090523_010826_000000352079_00160_37789_7128.N1	23-MAY-2009 01:08:26	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	37789	No
12	GOM_NL__2PRFIN20090523_011427_000000422079_00160_37789_7129.N1	23-MAY-2009 01:14:27	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	37789	No
13	GOM_NL__2PRFIN20090523_011810_000000442079_00160_37789_7130.N1	23-MAY-2009 01:18:10	Bright	43.500	133	40Zet Her	2.8070	6000.0	87	37789	No
14	GOM_NL__2PRFIN20090523_012551_000000412079_00160_37789_7131.N1	23-MAY-2009 01:25:51	Bright	40.500	130	23Bet Dra	2.7990	5800.0	81	37789	No
15	GOM_NL__2PRFIN20090523_013620_000000352079_00160_37789_7132.N1	23-MAY-2009 01:36:20	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	37789	No
16	GOM_NL__2PRFIN20090523_015013_000000292079_00160_37789_7133.N1	23-MAY-2009 01:50:13	Twilight	28.500	58	21Alp And	2.0730	11000.	57	37789	No
17	GOM_NL__2PRFIN20090523_015439_000000292079_00160_37789_7134.N1	23-MAY-2009 01:54:39	Dark	28.500	140	88Gam Peg	2.8340	26000.	57	37789	No
18	GOM_NL__2PRFIN20090523_021052_000000402079_00160_37789_7135.N1	23-MAY-2009 02:10:52	Dark	39.500	18	24Alp PsA	1.1660	9700.0	79	37789	No
19	GOM_NL__2PRFIN20090523_021623_000000432079_00161_37790_7135.N1	23-MAY-2009 02:16:23	Dark	42.500	172	Gam Gru	3.0030	13100.	85	37790	No
20	GOM_NL__2PRFIN20090523_023158_000000382079_00161_37790_7136.N1	23-MAY-2009 02:31:58	Straylight	37.500	178	lot1Sco	3.0220	6550.0	75	37790	No
21	GOM_NL__2PRFIN20090523_023321_000000372079_00161_37790_7137.N1	23-MAY-2009 02:33:21	Straylight	37.000	25	35Lam Sco	1.6200	28000.	74	37790	No
22	GOM_NL__2PRFIN20090523_023736_000000352079_00161_37790_7138.N1	23-MAY-2009 02:37:36	Twilight	34.500	136	23Tau Sco	2.8220	30000.	69	37790	No
23	GOM_NL__2PRFIN20090523_024136_000000442079_00161_37790_7139.N1	23-MAY-2009 02:41:36	Bright	43.500	86	35Eta Oph	2.4300	10200.	87	37790	No
24	GOM_NL__2PRFIN20090523_024338_000000402079_00161_37790_7140.N1	23-MAY-2009 02:43:38	Bright	39.500	98	13Zet Oph	2.5710	30000.	79	37790	No
25	GOM_NL__2PRFIN20090523_024557_000000372079_00161_37790_7141.N1	23-MAY-2009 02:45:57	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	37790	No
26	GOM_NL__2PRFIN20090523_024902_000000342079_00161_37790_7142.N1	23-MAY-2009 02:49:02	Bright	34.000	102	24Alp Ser	2.6000	4250.0	68	37790	No
27	GOM_NL__2PRFIN20090523_025502_000000422079_00161_37790_7143.N1	23-MAY-2009 02:55:02	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	37790	No
28	GOM_NL__2PRFIN20090523_025845_000000432079_00161_37790_7144.N1	23-MAY-2009 02:58:45	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	37790	No
29	GOM_NL__2PRFIN20090523_030626_000000402079_00161_37790_7145.N1	23-MAY-2009 03:06:26	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	37790	No
30	GOM_NL__2PRFIN20090523_031656_000000352079_00161_37790_7146.N1	23-MAY-2009 03:16:56	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	37790	No
31	GOM_NL__2PRFIN20090523_033049_000000292079_00161_37790_7147.N1	23-MAY-2009 03:30:49	Twilight	28.500	58	21Alp And	2.0730	11000.	57	37790	No
32	GOM_NL__2PRFIN20090523_033515_000000302079_00161_37790_7148.N1	23-MAY-2009 03:35:15	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37790	No
33	GOM_NL__2PRFIN20090523_035129_000000392079_00161_37790_7149.N1	23-MAY-2009 03:51:29	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37790	No
34	GOM_NL__2PRFIN20090523_035700_000000432079_00162_37791_7147.N1	23-MAY-2009 03:57:00	Dark	42.500	172	Gam Gru	3.0030	13100.	85	37791	No
35	GOM_NL__2PRFIN20090523_041234_000000382079_00162_37791_7148.N1	23-MAY-2009 04:12:34	Straylight	38.000	178	lot1Sco	3.0220	6550.0	76	37791	No
36	GOM_NL__2PRFIN20090523_041358_000000382079_00162_37791_7149.N1	23-MAY-2009 04:13:58	Straylight	38.000	25	35Lam Sco	1.6200	28000.	76	37791	No
37	GOM_NL__2PRFIN20090523_041813_000000342079_00162_37791_7150.N1	23-MAY-2009 04:18:13	Twilight	34.000	136	23Tau Sco	2.8220	30000.	68	37791	No
38	GOM_NL__2PRFIN20090523_042212_000000442079_00162_37791_7151.N1	23-MAY-2009 04:22:12	Bright	43.500	86	35Eta Oph	2.4300	10200.	87	37791	No
39	GOM_NL__2PRFIN20090523_042414_000000392079_00162_37791_7152.N1	23-MAY-2009 04:24:14	Bright	39.000	98	13Zet Oph	2.5710	30000.	78	37791	No
40	GOM_NL__2PRFIN20090523_042634_000000372079_00162_37791_7153.N1	23-MAY-2009 04:26:34	Bright	37.000	120	1Del Oph	2.7340	3200.0	74	37791	No
41	GOM_NL__2PRFIN20090523_042939_000000352079_00162_37791_7154.N1	23-MAY-2009 04:29:39	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	37791	No
42	GOM_NL__2PRFIN20090523_043537_000000432079_00162_37791_7155.N1	23-MAY-2009 04:35:37	Bright	43.000	127	27Bet Her	2.7810	4700.0	86	37791	No

43	GOM_NL__2PRFIN20090523_043920_000000442079_00162_37791_7156.N1	23-MAY-2009 04:39:20	Bright	44.000	133	40Zet Her	2.8070	6000.0	88	37791	No
44	GOM_NL__2PRFIN20090523_044701_000000402079_00162_37791_7157.N1	23-MAY-2009 04:47:01	Bright	40.000	130	23Bet Dra	2.7990	5800.0	80	37791	No
45	GOM_NL__2PRFIN20090523_045732_000000352079_00162_37791_7158.N1	23-MAY-2009 04:57:32	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	37791	No
46	GOM_NL__2PRFIN20090523_051125_000000292079_00162_37791_7159.N1	23-MAY-2009 05:11:25	Tw_i_and_stray	29.000	58	21Alp And	2.0730	11000.	58	37791	No
47	GOM_NL__2PRFIN20090523_051551_000000302079_00162_37791_7160.N1	23-MAY-2009 05:15:51	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37791	No
48	GOM_NL__2PRFIN20090523_053206_000000402079_00162_37791_7161.N1	23-MAY-2009 05:32:06	Dark	39.500	18	24Alp PsA	1.1660	9700.0	79	37791	No
49	GOM_NL__2PRFIN20090523_053737_000000182079_00163_37792_7172.N1	23-MAY-2009 05:37:37	Dark	17.500	172	Gam Gru	3.0030	13100.	35	37792	No
50	GOM_NL__2PRFIN20090523_055311_000000392079_00163_37792_7173.N1	23-MAY-2009 05:53:11	Straylight	38.500	178	lot1Sco	3.0220	6550.0	77	37792	No
51	GOM_NL__2PRFIN20090523_055434_000000392079_00163_37792_7174.N1	23-MAY-2009 05:54:34	Straylight	38.500	25	35Lam Sco	1.6200	28000.	77	37792	No
52	GOM_NL__2PRFIN20090523_060248_000000432079_00163_37792_7175.N1	23-MAY-2009 06:02:48	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	37792	No
53	GOM_NL__2PRFIN20090523_060450_000000382079_00163_37792_7176.N1	23-MAY-2009 06:04:50	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	37792	No
54	GOM_NL__2PRFIN20090523_060710_000000362079_00163_37792_7177.N1	23-MAY-2009 06:07:10	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	37792	No
55	GOM_NL__2PRFIN20090523_061014_000000342079_00163_37792_7178.N1	23-MAY-2009 06:10:14	Bright	34.000	102	24Alp Ser	2.6000	4250.0	68	37792	No
56	GOM_NL__2PRFIN20090523_061613_000000422079_00163_37792_7179.N1	23-MAY-2009 06:16:13	Bright	42.000	127	27Bet Her	2.7810	4700.0	84	37792	No
57	GOM_NL__2PRFIN20090523_061955_000000432079_00163_37792_7180.N1	23-MAY-2009 06:19:55	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	37792	No
58	GOM_NL__2PRFIN20090523_062852_000000432079_00163_37792_7181.N1	23-MAY-2009 06:28:52	Bright	43.000	69	33Gam Dra	2.2310	3800.0	86	37792	No
59	GOM_NL__2PRFIN20090523_063807_000000362079_00163_37792_7182.N1	23-MAY-2009 06:38:07	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	37792	No
60	GOM_NL__2PRFIN20090523_065201_000000292079_00163_37792_7183.N1	23-MAY-2009 06:52:01	Tw_i_and_stray	29.000	58	21Alp And	2.0730	11000.	58	37792	No
61	GOM_NL__2PRFIN20090523_065628_000000292079_00163_37792_7184.N1	23-MAY-2009 06:56:28	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37792	No
62	GOM_NL__2PRFIN20090523_071243_000000402079_00163_37792_7185.N1	23-MAY-2009 07:12:43	Dark	39.500	18	24Alp PsA	1.1660	9700.0	79	37792	No
63	GOM_NL__2PRFIN20090523_071814_000000422079_00164_37793_7191.N1	23-MAY-2009 07:18:14	Dark	42.000	172	Gam Gru	3.0030	13100.	84	37793	No
64	GOM_NL__2PRFIN20090523_073347_000000382079_00164_37793_7192.N1	23-MAY-2009 07:33:47	Straylight	38.000	178	lot1Sco	3.0220	6550.0	76	37793	No
65	GOM_NL__2PRFIN20090523_073511_000000372079_00164_37793_7193.N1	23-MAY-2009 07:35:11	Straylight	37.000	25	35Lam Sco	1.6200	28000.	74	37793	No
66	GOM_NL__2PRFIN20090523_074325_000000432079_00164_37793_7194.N1	23-MAY-2009 07:43:25	Bright	42.500	86	35Eta Oph	2.4300	10200.	85	37793	No
67	GOM_NL__2PRFIN20090523_074526_000000382079_00164_37793_7195.N1	23-MAY-2009 07:45:26	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	37793	No
68	GOM_NL__2PRFIN20090523_074745_000000372079_00164_37793_7196.N1	23-MAY-2009 07:47:45	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	37793	No
69	GOM_NL__2PRFIN20090523_075050_000000352079_00164_37793_7197.N1	23-MAY-2009 07:50:50	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	37793	No
70	GOM_NL__2PRFIN20090523_075648_000000422079_00164_37793_7198.N1	23-MAY-2009 07:56:48	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	37793	No
71	GOM_NL__2PRFIN20090523_080031_000000422079_00164_37793_7199.N1	23-MAY-2009 08:00:31	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	37793	No
72	GOM_NL__2PRFIN20090523_080927_000000432079_00164_37793_7200.N1	23-MAY-2009 08:09:27	Bright	42.500	69	33Gam Dra	2.2310	3800.0	85	37793	No
73	GOM_NL__2PRFIN20090523_081842_000000352079_00164_37793_7201.N1	23-MAY-2009 08:18:42	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	37793	No
74	GOM_NL__2PRFIN20090523_083237_000000292079_00164_37793_7202.N1	23-MAY-2009 08:32:37	Tw_i_and_stray	28.500	58	21Alp And	2.0730	11000.	57	37793	No
75	GOM_NL__2PRFIN20090523_083704_000000292079_00164_37793_7203.N1	23-MAY-2009 08:37:04	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37793	No
76	GOM_NL__2PRFIN20090523_085320_000000402079_00164_37793_7204.N1	23-MAY-2009 08:53:20	Dark	39.500	18	24Alp PsA	1.1660	9700.0	79	37793	No
77	GOM_NL__2PRFIN20090523_085851_000000432079_00165_37794_7205.N1	23-MAY-2009 08:58:51	Dark	43.000	172	Gam Gru	3.0030	13100.	86	37794	No
78	GOM_NL__2PRFIN20090523_091424_000000382079_00165_37794_7206.N1	23-MAY-2009 09:14:24	Straylight	37.500	178	lot1Sco	3.0220	6550.0	75	37794	No
79	GOM_NL__2PRFIN20090523_091547_000000372079_00165_37794_7207.N1	23-MAY-2009 09:15:47	Straylight	37.000	25	35Lam Sco	1.6200	28000.	74	37794	No
80	GOM_NL__2PRFIN20090523_092400_000000422079_00165_37794_7208.N1	23-MAY-2009 09:24:00	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	37794	No
81	GOM_NL__2PRFIN20090523_092602_000000382079_00165_37794_7209.N1	23-MAY-2009 09:26:02	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	37794	No
82	GOM_NL__2PRFIN20090523_092821_000000372079_00165_37794_7210.N1	23-MAY-2009 09:28:21	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	37794	No
83	GOM_NL__2PRFIN20090523_093126_000000352079_00165_37794_7211.N1	23-MAY-2009 09:31:26	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	37794	No
84	GOM_NL__2PRFIN20090523_093723_000000422079_00165_37794_7212.N1	23-MAY-2009 09:37:23	Bright	42.000	127	27Bet Her	2.7810	4700.0	84	37794	No
85	GOM_NL__2PRFIN20090523_094106_000000432079_00165_37794_7213.N1	23-MAY-2009 09:41:06	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	37794	No
86	GOM_NL__2PRFIN20090523_095002_000000432079_00165_37794_7214.N1	23-MAY-2009 09:50:02	Bright	43.000	69	33Gam Dra	2.2310	3800.0	86	37794	No
87	GOM_NL__2PRFIN20090523_095918_000000352079_00165_37794_7215.N1	23-MAY-2009 09:59:18	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	37794	No
88	GOM_NL__2PRFIN20090523_101313_000000292079_00165_37794_7216.N1	23-MAY-2009 10:13:13	Tw_i_and_stray	29.000	58	21Alp And	2.0730	11000.	58	37794	No
89	GOM_NL__2PRFIN20090523_101740_000000302079_00165_37794_7217.N1	23-MAY-2009 10:17:40	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37794	No
90	GOM_NL__2PRFIN20090523_103357_000000392079_00165_37794_7218.N1	23-MAY-2009 10:33:57	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37794	No
91	GOM_NL__2PRFIN20090523_105500_000000382079_00166_37795_7219.N1	23-MAY-2009 10:55:00	Straylight	37.500	178	lot1Sco	3.0220	6550.0	75	37795	No
92	GOM_NL__2PRFIN20090523_105624_000000372079_00166_37795_7220.N1	23-MAY-2009 10:56:24	Straylight	37.000	25	35Lam Sco	1.6200	28000.	74	37795	No
93	GOM_NL__2PRFIN20090523_110436_000000422079_00166_37795_7221.N1	23-MAY-2009 11:04:36	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	37795	No
94	GOM_NL__2PRFIN20090523_110637_000000382079_00166_37795_7222.N1	23-MAY-2009 11:06:37	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	37795	No
95	GOM_NL__2PRFIN20090523_110857_000000362079_00166_37795_7223.N1	23-MAY-2009 11:08:57	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	37795	No
96	GOM_NL__2PRFIN20090523_111203_000000332079_00166_37795_7224.N1	23-MAY-2009 11:12:03	Bright	32.500	102	24Alp Ser	2.6000	4250.0	65	37795	No
97	GOM_NL__2PRFIN20090523_111759_000000412079_00166_37795_7225.N1	23-MAY-2009 11:17:59	Bright	41.000	127	27Bet Her	2.7810	4700.0	82	37795	No
98	GOM_NL__2PRFIN20090523_112141_000000422079_00166_37795_7226.N1	23-MAY-2009 11:21:41	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	37795	No
99	GOM_NL__2PRFIN20090523_113037_000000432079_00166_37795_7227.N1	23-MAY-2009 11:30:37	Bright	42.500	69	33Gam Dra	2.2310	3800.0	85	37795	No
100	GOM_NL__2PRFIN20090523_113954_000000342079_00166_37795_7228.N1	23-MAY-2009 11:39:54	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	37795	No
101	GOM_NL__2PRFIN20090523_115349_000000292079_00166_37795_7229.N1	23-MAY-2009 11:53:49	Tw_i_and_stray	28.500	58	21Alp And	2.0730	11000.	57	37795	No

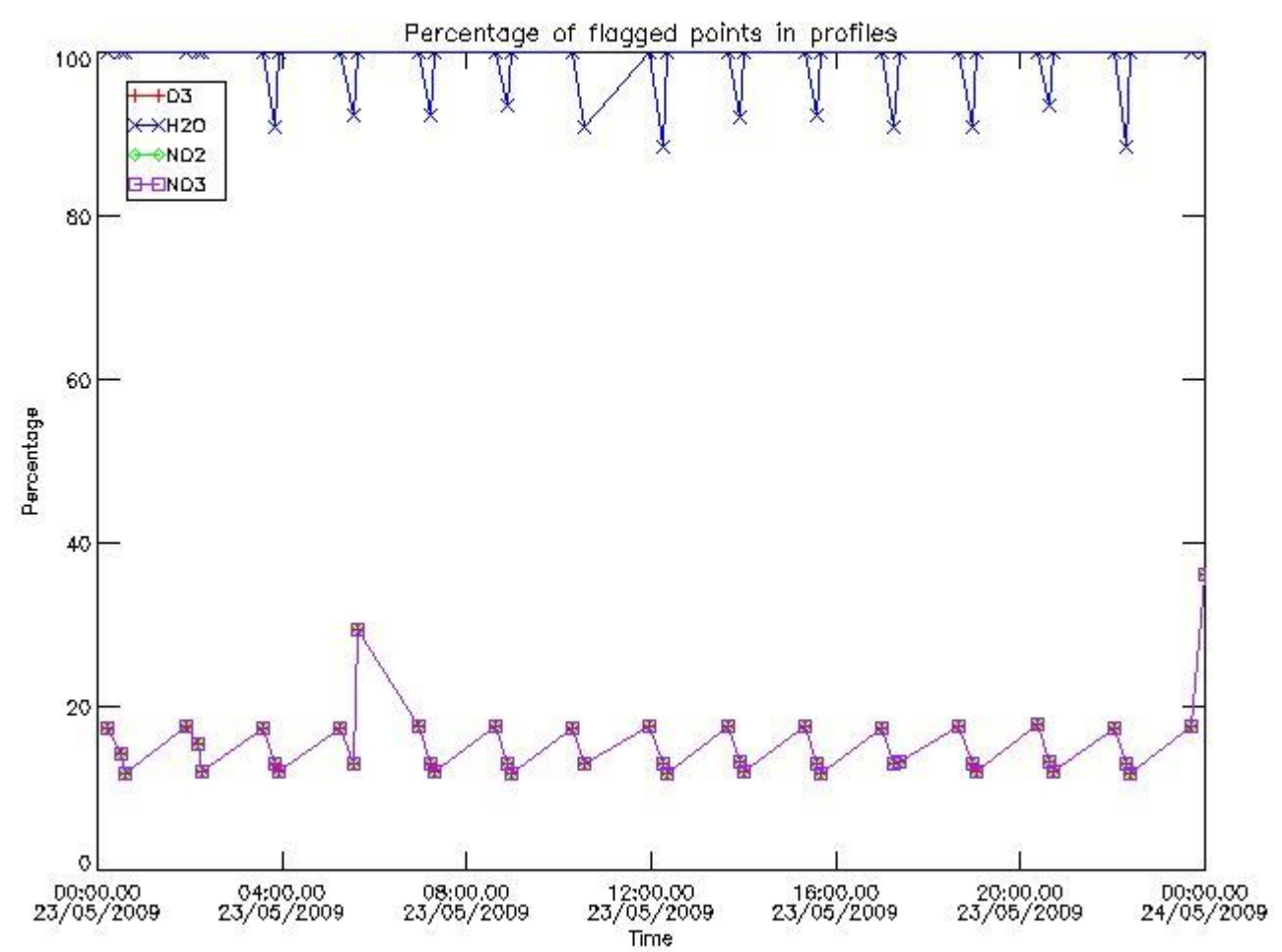
102	GOM_NL__2PRFIN20090523_115817_000000292079_00166_37795_7230.N1	23-MAY-2009 11:58:17	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37795	No
103	GOM_NL__2PRFIN20090523_121434_000000392079_00166_37795_7231.N1	23-MAY-2009 12:14:34	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37795	No
104	GOM_NL__2PRFIN20090523_122005_000000432079_00167_37796_7233.N1	23-MAY-2009 12:20:05	Dark	43.000	172	Gam Gru	3.0030	13100.	86	37796	No
105	GOM_NL__2PRFIN20090523_123537_000000372079_00167_37796_7234.N1	23-MAY-2009 12:35:37	Straylight	36.500	178	lot1Sco	3.0220	6550.0	73	37796	No
106	GOM_NL__2PRFIN20090523_123700_000000372079_00167_37796_7235.N1	23-MAY-2009 12:37:00	Straylight	37.000	25	35Lam Sco	1.6200	28000.	74	37796	No
107	GOM_NL__2PRFIN20090523_124512_000000422079_00167_37796_7236.N1	23-MAY-2009 12:45:12	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	37796	No
108	GOM_NL__2PRFIN20090523_124713_000000382079_00167_37796_7237.N1	23-MAY-2009 12:47:13	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	37796	No
109	GOM_NL__2PRFIN20090523_124933_000000362079_00167_37796_7238.N1	23-MAY-2009 12:49:33	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	37796	No
110	GOM_NL__2PRFIN20090523_125833_000000422079_00167_37796_7239.N1	23-MAY-2009 12:58:33	Bright	42.000	127	27Bet Her	2.7810	4700.0	84	37796	No
111	GOM_NL__2PRFIN20090523_130216_000000422079_00167_37796_7240.N1	23-MAY-2009 13:02:16	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	37796	No
112	GOM_NL__2PRFIN20090523_131112_000000442079_00167_37796_7241.N1	23-MAY-2009 13:11:12	Bright	43.500	69	33Gam Dra	2.2310	3800.0	87	37796	No
113	GOM_NL__2PRFIN20090523_132029_000000352079_00167_37796_7242.N1	23-MAY-2009 13:20:29	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	37796	No
114	GOM_NL__2PRFIN20090523_133425_000000292079_00167_37796_7243.N1	23-MAY-2009 13:34:25	Tw_i_and_stray	29.000	58	21Alp And	2.0730	11000.	58	37796	No
115	GOM_NL__2PRFIN20090523_133853_000000292079_00167_37796_7244.N1	23-MAY-2009 13:38:53	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37796	No
116	GOM_NL__2PRFIN20090523_135511_000000392079_00167_37796_7245.N1	23-MAY-2009 13:55:11	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37796	No
117	GOM_NL__2PRFIN20090523_140043_000000432079_00168_37797_7247.N1	23-MAY-2009 14:00:43	Dark	42.500	172	Gam Gru	3.0030	13100.	85	37797	No
118	GOM_NL__2PRFIN20090523_141614_000000372079_00168_37797_7248.N1	23-MAY-2009 14:16:14	Straylight	37.000	178	lot1Sco	3.0220	6550.0	74	37797	No
119	GOM_NL__2PRFIN20090523_141736_000000372079_00168_37797_7249.N1	23-MAY-2009 14:17:36	Straylight	36.500	25	35Lam Sco	1.6200	28000.	73	37797	No
120	GOM_NL__2PRFIN20090523_142548_000000422079_00168_37797_7250.N1	23-MAY-2009 14:25:48	Bright	42.000	86	35Eta Oph	2.4300	10200.	84	37797	No
121	GOM_NL__2PRFIN20090523_142749_000000382079_00168_37797_7251.N1	23-MAY-2009 14:27:49	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	37797	No
122	GOM_NL__2PRFIN20090523_143009_000000362079_00168_37797_7252.N1	23-MAY-2009 14:30:09	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	37797	No
123	GOM_NL__2PRFIN20090523_143909_000000422079_00168_37797_7253.N1	23-MAY-2009 14:39:09	Bright	42.000	127	27Bet Her	2.7810	4700.0	84	37797	No
124	GOM_NL__2PRFIN20090523_144251_000000432079_00168_37797_7254.N1	23-MAY-2009 14:42:51	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	37797	No
125	GOM_NL__2PRFIN20090523_145147_000000432079_00168_37797_7255.N1	23-MAY-2009 14:51:47	Bright	43.000	69	33Gam Dra	2.2310	3800.0	86	37797	No
126	GOM_NL__2PRFIN20090523_150104_000000342079_00168_37797_7256.N1	23-MAY-2009 15:01:04	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	37797	No
127	GOM_NL__2PRFIN20090523_151501_000000292079_00168_37797_7257.N1	23-MAY-2009 15:15:01	Tw_i_and_stray	29.000	58	21Alp And	2.0730	11000.	58	37797	No
128	GOM_NL__2PRFIN20090523_151929_000000292079_00168_37797_7258.N1	23-MAY-2009 15:19:29	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37797	No
129	GOM_NL__2PRFIN20090523_153548_000000392079_00168_37797_7259.N1	23-MAY-2009 15:35:48	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37797	No
130	GOM_NL__2PRFIN20090523_154120_000000432079_00169_37798_7283.N1	23-MAY-2009 15:41:20	Dark	43.000	172	Gam Gru	3.0030	13100.	86	37798	No
131	GOM_NL__2PRFIN20090523_155650_000000382079_00169_37798_7284.N1	23-MAY-2009 15:56:50	Straylight	37.500	178	lot1Sco	3.0220	6550.0	75	37798	No
132	GOM_NL__2PRFIN20090523_155813_000000372079_00169_37798_7285.N1	23-MAY-2009 15:58:13	Straylight	36.500	25	35Lam Sco	1.6200	28000.	73	37798	No
133	GOM_NL__2PRFIN20090523_160624_000000442079_00169_37798_7286.N1	23-MAY-2009 16:06:24	Bright	43.500	86	35Eta Oph	2.4300	10200.	87	37798	No
134	GOM_NL__2PRFIN20090523_160825_000000382079_00169_37798_7287.N1	23-MAY-2009 16:08:25	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	37798	No
135	GOM_NL__2PRFIN20090523_161044_000000372079_00169_37798_7288.N1	23-MAY-2009 16:10:44	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	37798	No
136	GOM_NL__2PRFIN20090523_161944_000000422079_00169_37798_7289.N1	23-MAY-2009 16:19:44	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	37798	No
137	GOM_NL__2PRFIN20090523_162327_000000432079_00169_37798_7290.N1	23-MAY-2009 16:23:27	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	37798	No
138	GOM_NL__2PRFIN20090523_163222_000000442079_00169_37798_7291.N1	23-MAY-2009 16:32:22	Bright	43.500	69	33Gam Dra	2.2310	3800.0	87	37798	No
139	GOM_NL__2PRFIN20090523_164139_000000352079_00169_37798_7292.N1	23-MAY-2009 16:41:39	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	37798	No
140	GOM_NL__2PRFIN20090523_165538_000000292079_00169_37798_7293.N1	23-MAY-2009 16:55:38	Tw_i_and_stray	29.000	58	21Alp And	2.0730	11000.	58	37798	No
141	GOM_NL__2PRFIN20090523_170005_000000302079_00169_37798_7294.N1	23-MAY-2009 17:00:05	Dark	29.500	140	88Gam Peg	2.8340	26000.	59	37798	No
142	GOM_NL__2PRFIN20090523_171625_000000392079_00169_37798_7295.N1	23-MAY-2009 17:16:25	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37798	No
143	GOM_NL__2PRFIN20090523_172157_000000432079_00170_37799_7297.N1	23-MAY-2009 17:21:57	Dark	42.500	172	Gam Gru	3.0030	13100.	85	37799	No
144	GOM_NL__2PRFIN20090523_173726_000000372079_00170_37799_7298.N1	23-MAY-2009 17:37:26	Straylight	37.000	178	lot1Sco	3.0220	6550.0	74	37799	No
145	GOM_NL__2PRFIN20090523_173849_000000372079_00170_37799_7299.N1	23-MAY-2009 17:38:49	Straylight	36.500	25	35Lam Sco	1.6200	28000.	73	37799	No
146	GOM_NL__2PRFIN20090523_174701_000000422079_00170_37799_7300.N1	23-MAY-2009 17:47:01	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	37799	No
147	GOM_NL__2PRFIN20090523_174901_000000382079_00170_37799_7301.N1	23-MAY-2009 17:49:01	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	37799	No
148	GOM_NL__2PRFIN20090523_175120_000000362079_00170_37799_7302.N1	23-MAY-2009 17:51:20	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	37799	No
149	GOM_NL__2PRFIN20090523_180019_000000422079_00170_37799_7303.N1	23-MAY-2009 18:00:19	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	37799	No
150	GOM_NL__2PRFIN20090523_180402_000000422079_00170_37799_7304.N1	23-MAY-2009 18:04:02	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	37799	No
151	GOM_NL__2PRFIN20090523_181257_000000432079_00170_37799_7305.N1	23-MAY-2009 18:12:57	Bright	43.000	69	33Gam Dra	2.2310	3800.0	86	37799	No
152	GOM_NL__2PRFIN20090523_182215_000000352079_00170_37799_7306.N1	23-MAY-2009 18:22:15	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	37799	No
153	GOM_NL__2PRFIN20090523_183614_000000292079_00170_37799_7307.N1	23-MAY-2009 18:36:14	Tw_i_and_stray	29.000	58	21Alp And	2.0730	11000.	58	37799	No
154	GOM_NL__2PRFIN20090523_184042_000000292079_00170_37799_7308.N1	23-MAY-2009 18:40:42	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37799	No
155	GOM_NL__2PRFIN20090523_185702_000000392079_00170_37799_7309.N1	23-MAY-2009 18:57:02	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37799	No
156	GOM_NL__2PRFIN20090523_190234_000000432079_00171_37800_7315.N1	23-MAY-2009 19:02:34	Dark	42.500	172	Gam Gru	3.0030	13100.	85	37800	No
157	GOM_NL__2PRFIN20090523_191803_000000372079_00171_37800_7316.N1	23-MAY-2009 19:18:03	Straylight	37.000	178	lot1Sco	3.0220	6550.0	74	37800	No
158	GOM_NL__2PRFIN20090523_191926_000000372079_00171_37800_7317.N1	23-MAY-2009 19:19:26	Straylight	37.000	25	35Lam Sco	1.6200	28000.	74	37800	No
159	GOM_NL__2PRFIN20090523_192737_000000422079_00171_37800_7318.N1	23-MAY-2009 19:27:37	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	37800	No
160	GOM_NL__2PRFIN20090523_192937_000000382079_00171_37800_7319.N1	23-MAY-2009 19:29:37	Bright	38.000	98	13Zet Oph	2.5710	30000.	76	37800	No

161	GOM_NL__2PRFIN20090523_193156_000000362079_00171_37800_7320.N1	23-MAY-2009 19:31:56	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	37800	No
162	GOM_NL__2PRFIN20090523_194055_000000422079_00171_37800_7321.N1	23-MAY-2009 19:40:55	Bright	41.500	127	27Bet Her	2.7810	4700.0	83	37800	No
163	GOM_NL__2PRFIN20090523_194437_000000422079_00171_37800_7322.N1	23-MAY-2009 19:44:37	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	37800	No
164	GOM_NL__2PRFIN20090523_195332_000000432079_00171_37800_7323.N1	23-MAY-2009 19:53:32	Bright	42.500	69	33Gam Dra	2.2310	3800.0	85	37800	No
165	GOM_NL__2PRFIN20090523_200251_000000352079_00171_37800_7324.N1	23-MAY-2009 20:02:51	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	37800	No
166	GOM_NL__2PRFIN20090523_201650_000000292079_00171_37800_7325.N1	23-MAY-2009 20:16:50	Twilight	29.000	58	21Alp And	2.0730	11000.	58	37800	No
167	GOM_NL__2PRFIN20090523_202119_000000292079_00171_37800_7326.N1	23-MAY-2009 20:21:19	Dark	28.500	140	88Gam Peg	2.8340	26000.	57	37800	No
168	GOM_NL__2PRFIN20090523_203739_000000392079_00171_37800_7327.N1	23-MAY-2009 20:37:39	Dark	38.500	18	24Alp PsA	1.1660	9700.0	77	37800	No
169	GOM_NL__2PRFIN20090523_204311_000000432079_00172_37801_7332.N1	23-MAY-2009 20:43:11	Dark	42.500	172	Gam Gru	3.0030	13100.	85	37801	No
170	GOM_NL__2PRFIN20090523_205840_000000372079_00172_37801_7333.N1	23-MAY-2009 20:58:40	Straylight	37.000	178	lot1Sco	3.0220	6550.0	74	37801	No
171	GOM_NL__2PRFIN20090523_210002_000000372079_00172_37801_7334.N1	23-MAY-2009 21:00:02	Straylight	37.000	25	35Lam Sco	1.6200	28000.	74	37801	No
172	GOM_NL__2PRFIN20090523_210813_000000422079_00172_37801_7335.N1	23-MAY-2009 21:08:13	Bright	41.500	86	35Eta Oph	2.4300	10200.	83	37801	No
173	GOM_NL__2PRFIN20090523_211013_000000382079_00172_37801_7336.N1	23-MAY-2009 21:10:13	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	37801	No
174	GOM_NL__2PRFIN20090523_211232_000000362079_00172_37801_7337.N1	23-MAY-2009 21:12:32	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	37801	No
175	GOM_NL__2PRFIN20090523_212130_000000412079_00172_37801_7338.N1	23-MAY-2009 21:21:30	Bright	41.000	127	27Bet Her	2.7810	4700.0	82	37801	No
176	GOM_NL__2PRFIN20090523_212512_000000422079_00172_37801_7339.N1	23-MAY-2009 21:25:12	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	37801	No
177	GOM_NL__2PRFIN20090523_213407_000000432079_00172_37801_7340.N1	23-MAY-2009 21:34:07	Bright	42.500	69	33Gam Dra	2.2310	3800.0	85	37801	No
178	GOM_NL__2PRFIN20090523_214326_000000342079_00172_37801_7341.N1	23-MAY-2009 21:43:26	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	37801	No
179	GOM_NL__2PRFIN20090523_215726_000000292079_00172_37801_7342.N1	23-MAY-2009 21:57:26	Twilight	28.500	58	21Alp And	2.0730	11000.	57	37801	No
180	GOM_NL__2PRFIN20090523_220154_000000292079_00172_37801_7343.N1	23-MAY-2009 22:01:54	Dark	29.000	140	88Gam Peg	2.8340	26000.	58	37801	No
181	GOM_NL__2PRFIN20090523_221815_000000392079_00172_37801_7344.N1	23-MAY-2009 22:18:15	Dark	39.000	18	24Alp PsA	1.1660	9700.0	78	37801	No
182	GOM_NL__2PRFIN20090523_222348_000000432079_00173_37802_7347.N1	23-MAY-2009 22:23:48	Dark	43.000	172	Gam Gru	3.0030	13100.	86	37802	No
183	GOM_NL__2PRFIN20090523_223916_000000372079_00173_37802_7348.N1	23-MAY-2009 22:39:16	Straylight	37.000	178	lot1Sco	3.0220	6550.0	74	37802	No
184	GOM_NL__2PRFIN20090523_224039_000000372079_00173_37802_7349.N1	23-MAY-2009 22:40:39	Straylight	36.500	25	35Lam Sco	1.6200	28000.	73	37802	No
185	GOM_NL__2PRFIN20090523_224849_000000412079_00173_37802_7350.N1	23-MAY-2009 22:48:49	Bright	41.000	86	35Eta Oph	2.4300	10200.	82	37802	No
186	GOM_NL__2PRFIN20090523_225049_000000382079_00173_37802_7351.N1	23-MAY-2009 22:50:49	Bright	37.500	98	13Zet Oph	2.5710	30000.	75	37802	No
187	GOM_NL__2PRFIN20090523_225308_000000362079_00173_37802_7352.N1	23-MAY-2009 22:53:08	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	37802	No
188	GOM_NL__2PRFIN20090523_230205_000000412079_00173_37802_7353.N1	23-MAY-2009 23:02:05	Bright	41.000	127	27Bet Her	2.7810	4700.0	82	37802	No
189	GOM_NL__2PRFIN20090523_230547_000000422079_00173_37802_7354.N1	23-MAY-2009 23:05:47	Bright	42.000	133	40Zet Her	2.8070	6000.0	84	37802	No
190	GOM_NL__2PRFIN20090523_231442_000000432079_00173_37802_7355.N1	23-MAY-2009 23:14:42	Bright	42.500	69	33Gam Dra	2.2310	3800.0	85	37802	No
191	GOM_NL__2PRFIN20090523_232401_000000342079_00173_37802_7356.N1	23-MAY-2009 23:24:01	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	37802	No
192	GOM_NL__2PRFIN20090523_233802_000000292079_00173_37802_7357.N1	23-MAY-2009 23:38:02	Twilight	29.000	58	21Alp And	2.0730	11000.	58	37802	No
193	GOM_NL__2PRFIN20090523_234231_000000292079_00173_37802_7358.N1	23-MAY-2009 23:42:31	Dark	28.500	140	88Gam Peg	2.8340	26000.	57	37802	No
194	GOM_NL__2PRFIN20090523_235853_000000382079_00173_37802_7359.N1	23-MAY-2009 23:58:53	Dark	38.000	18	24Alp PsA	1.1660	9700.0	76	37802	No

3. Quality information per product

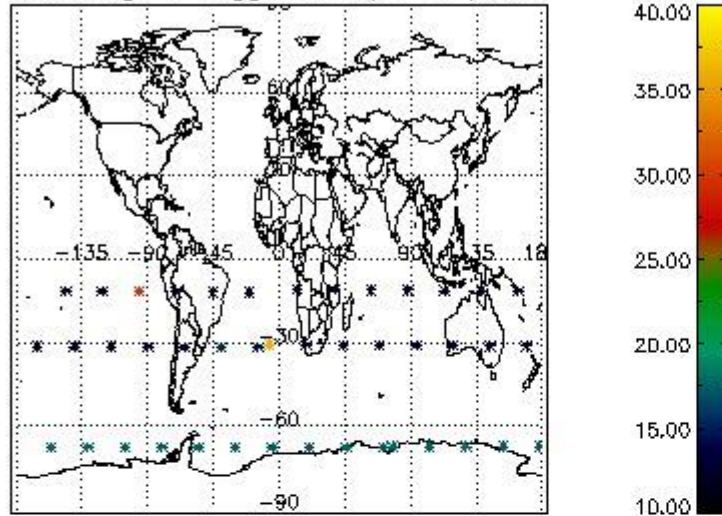
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

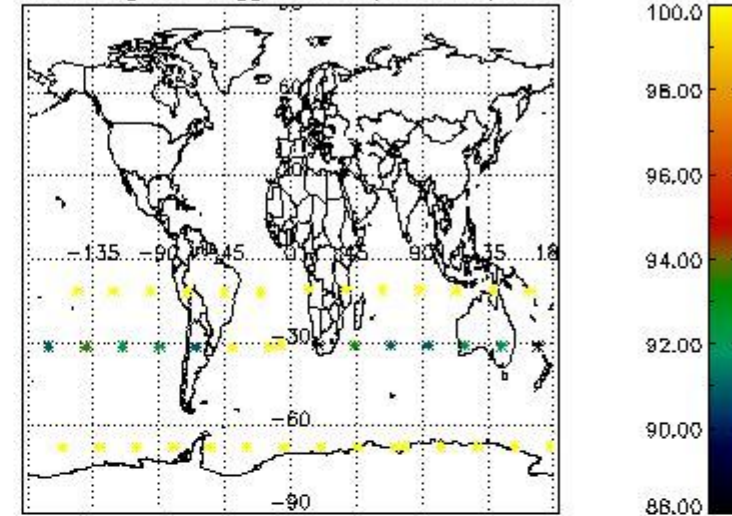


3.2 Plot quality information per product (world map)

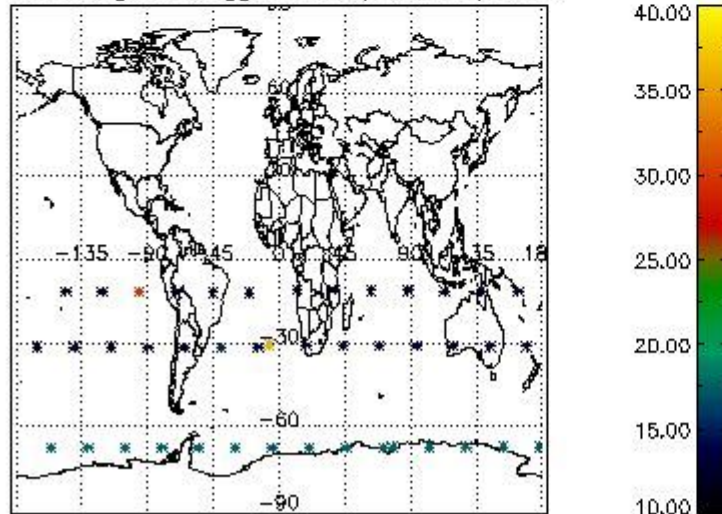
Percentage of flagged data per O3 profile



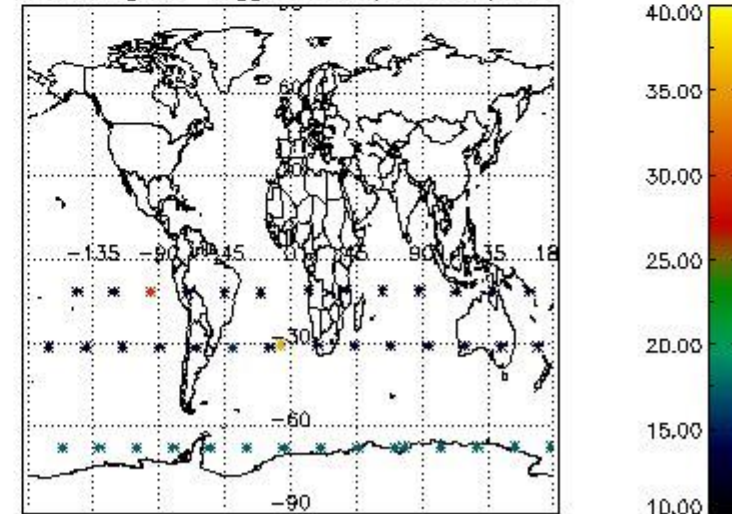
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

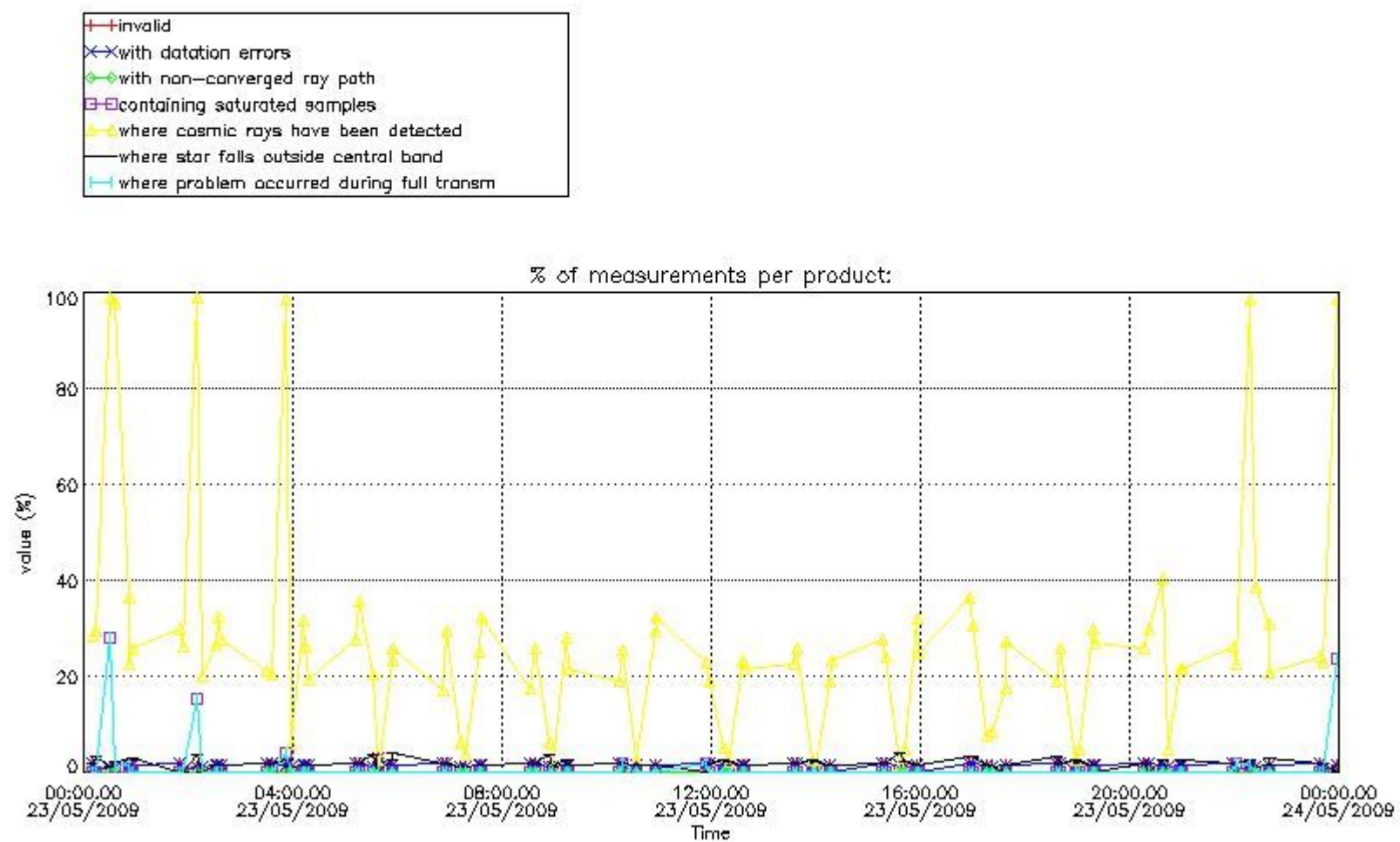


4. Level 1 quality information per product

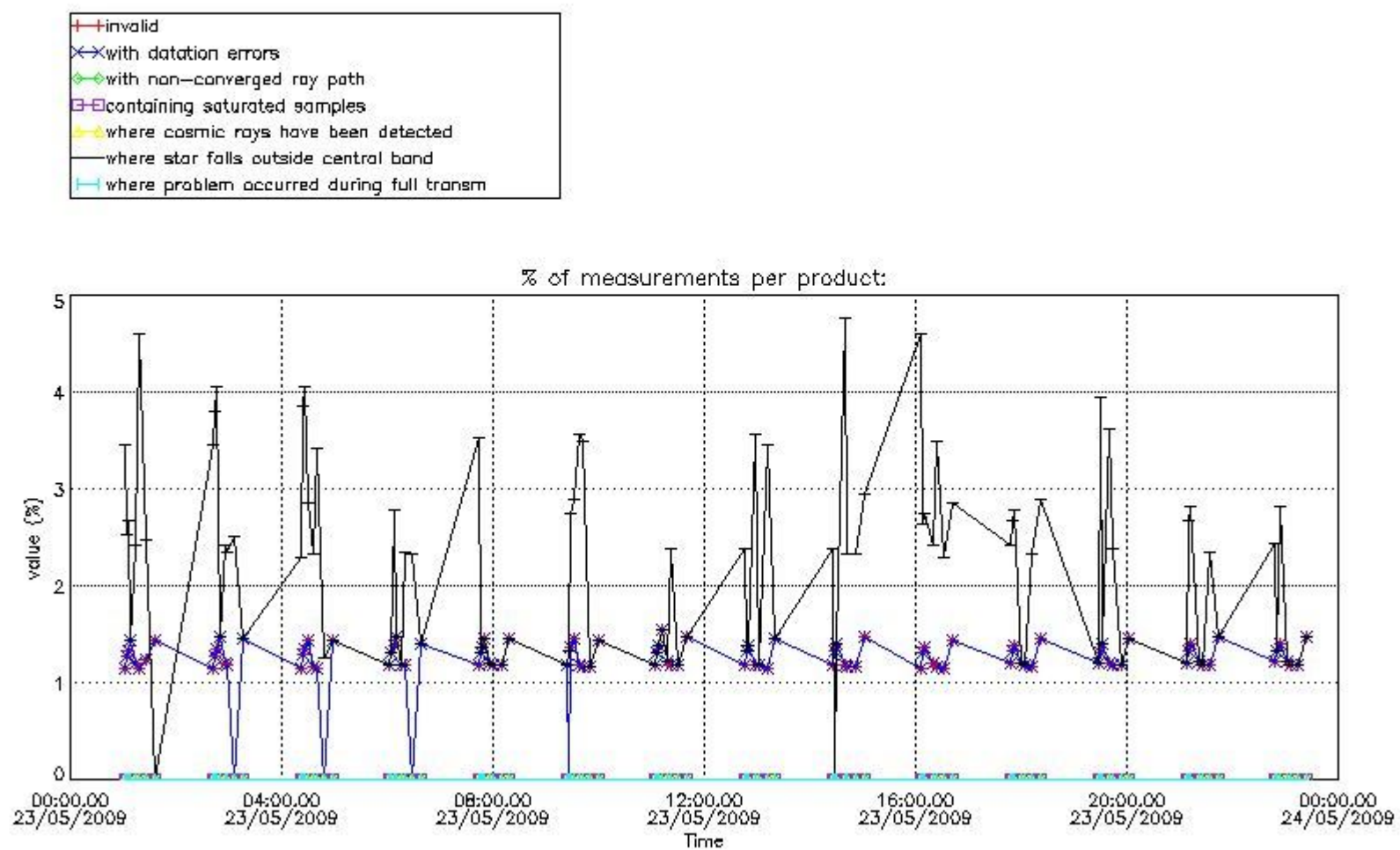
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



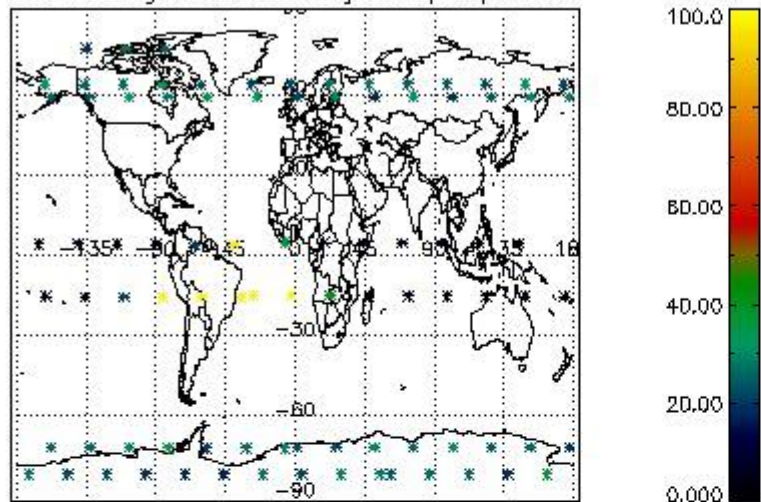
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



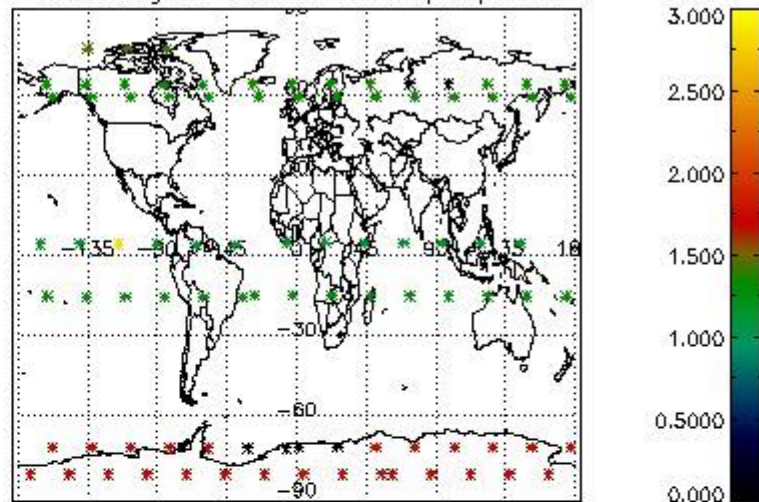
4.2 Plot quality information per product coming from level 1b processing (world map)

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

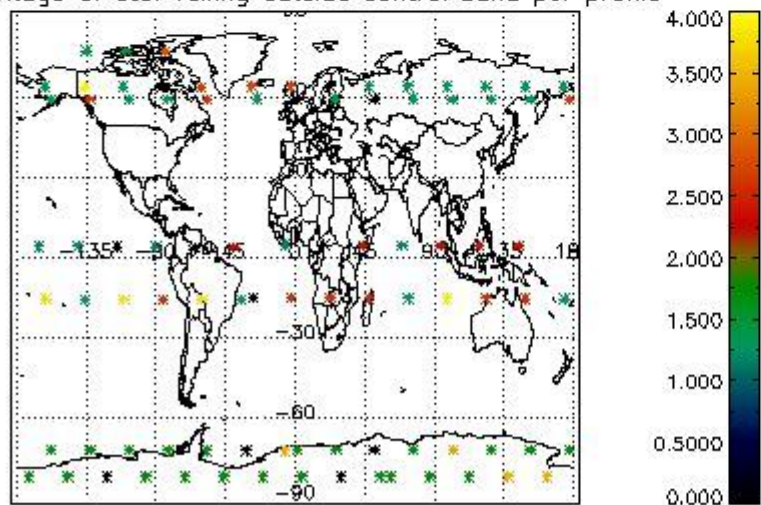
Percentage of cosmic ray hits per profile



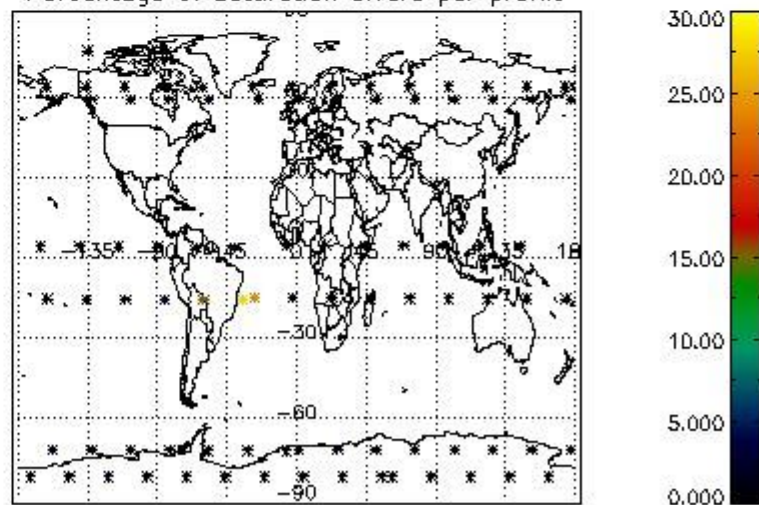
Percentage of datation errors per profile



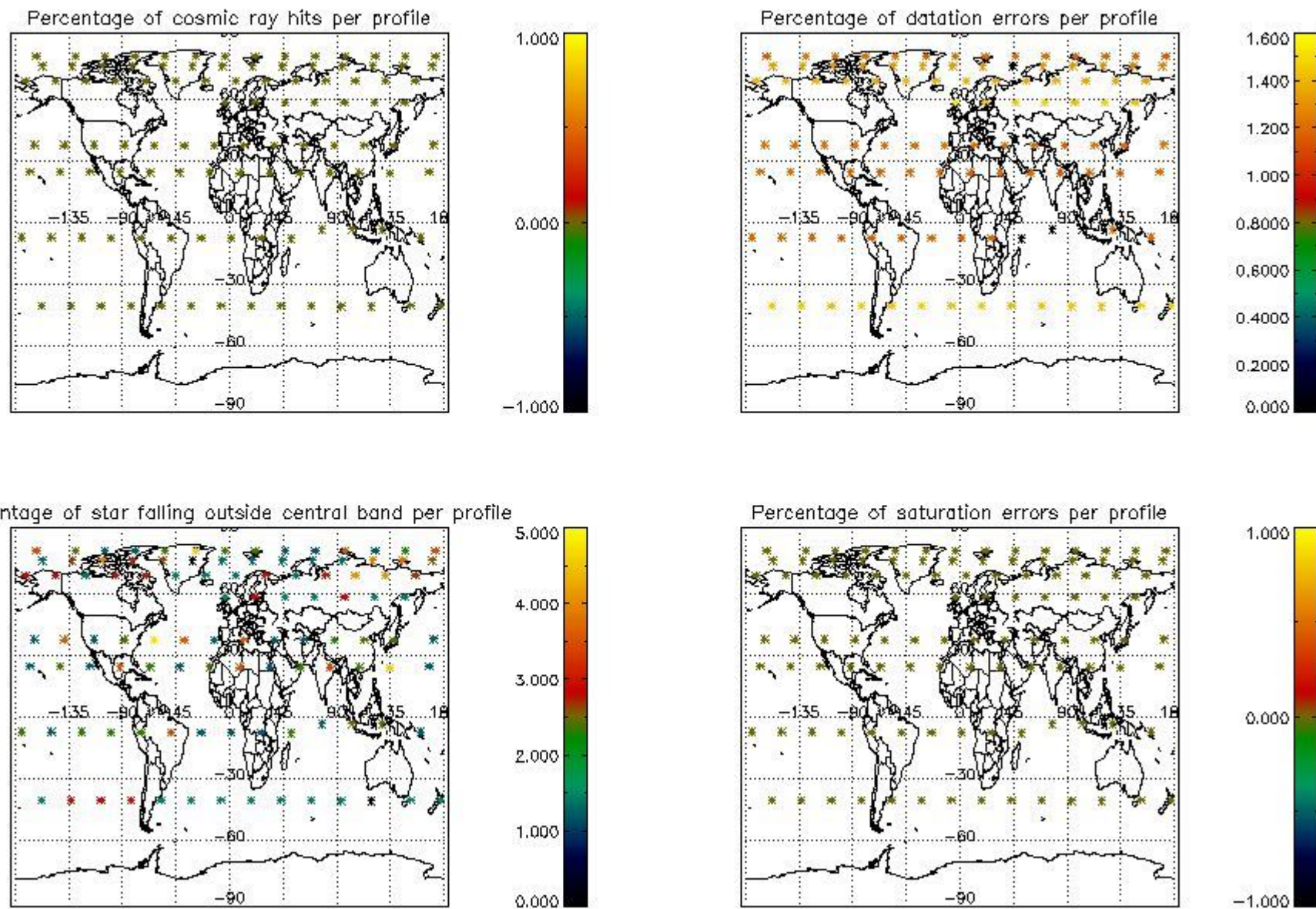
Percentage of star falling outside central band per profile



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

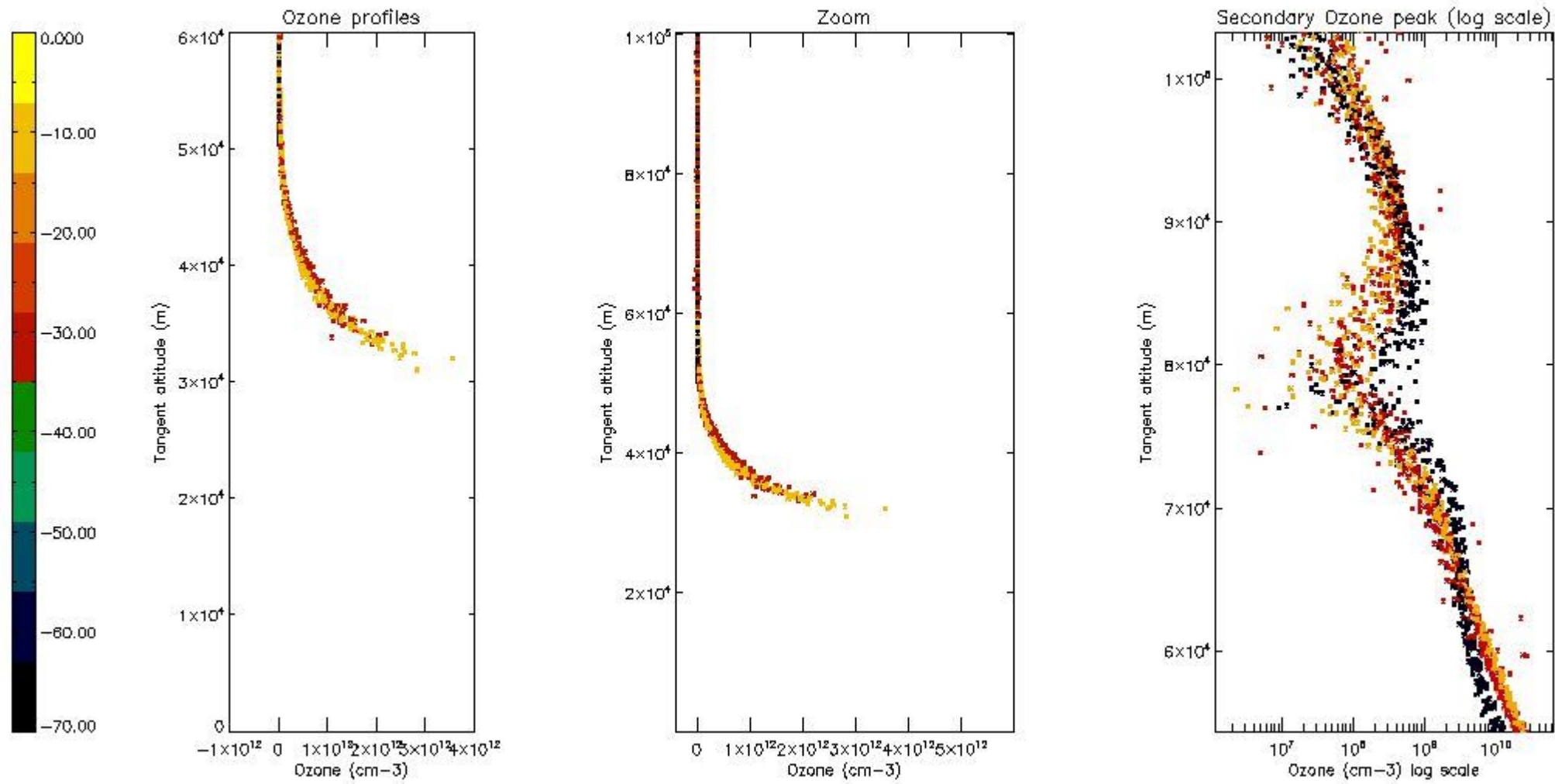
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	21
STD < 20	11

STD < 10	9
STD < 5	6

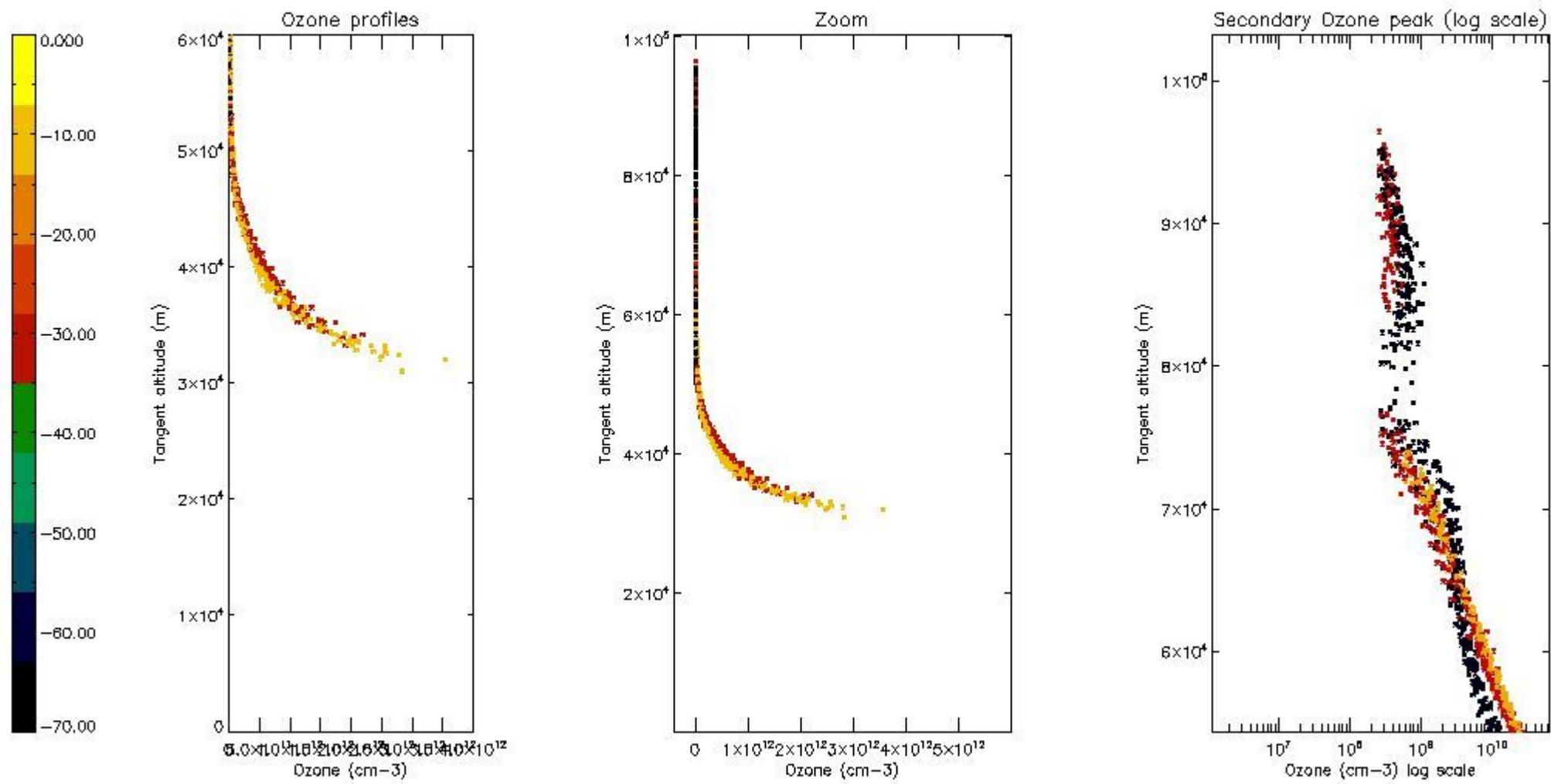
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



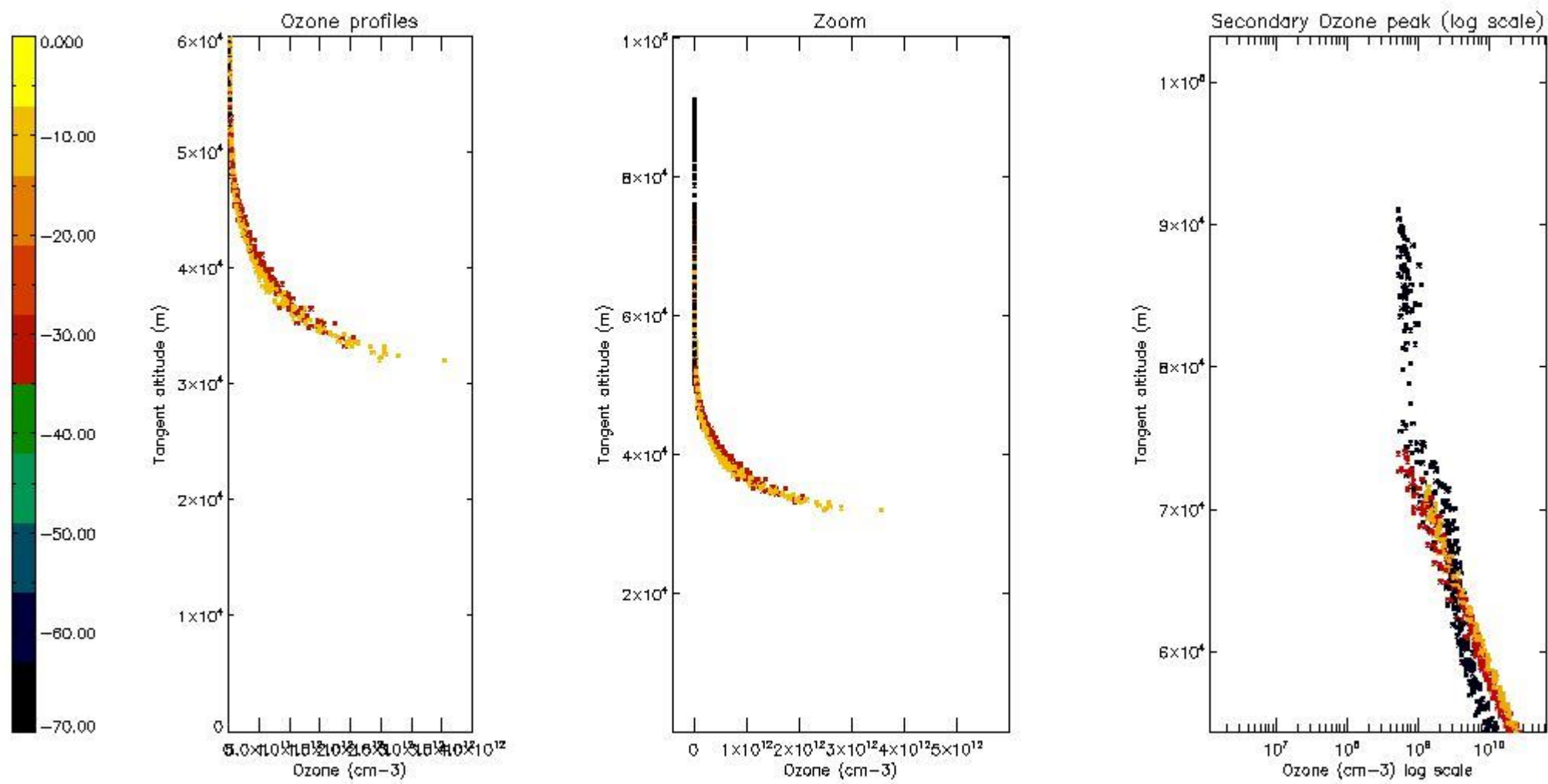
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



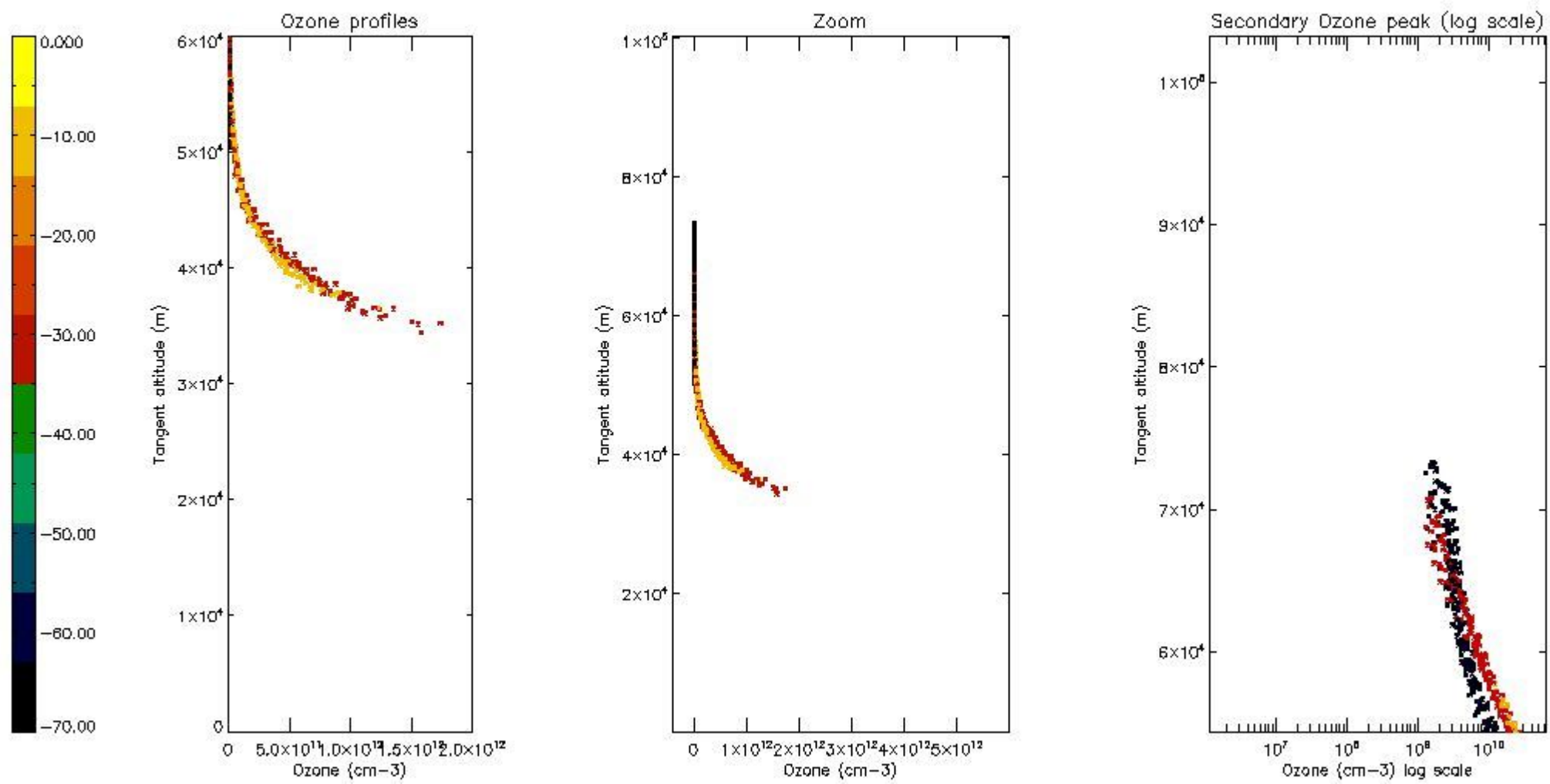
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



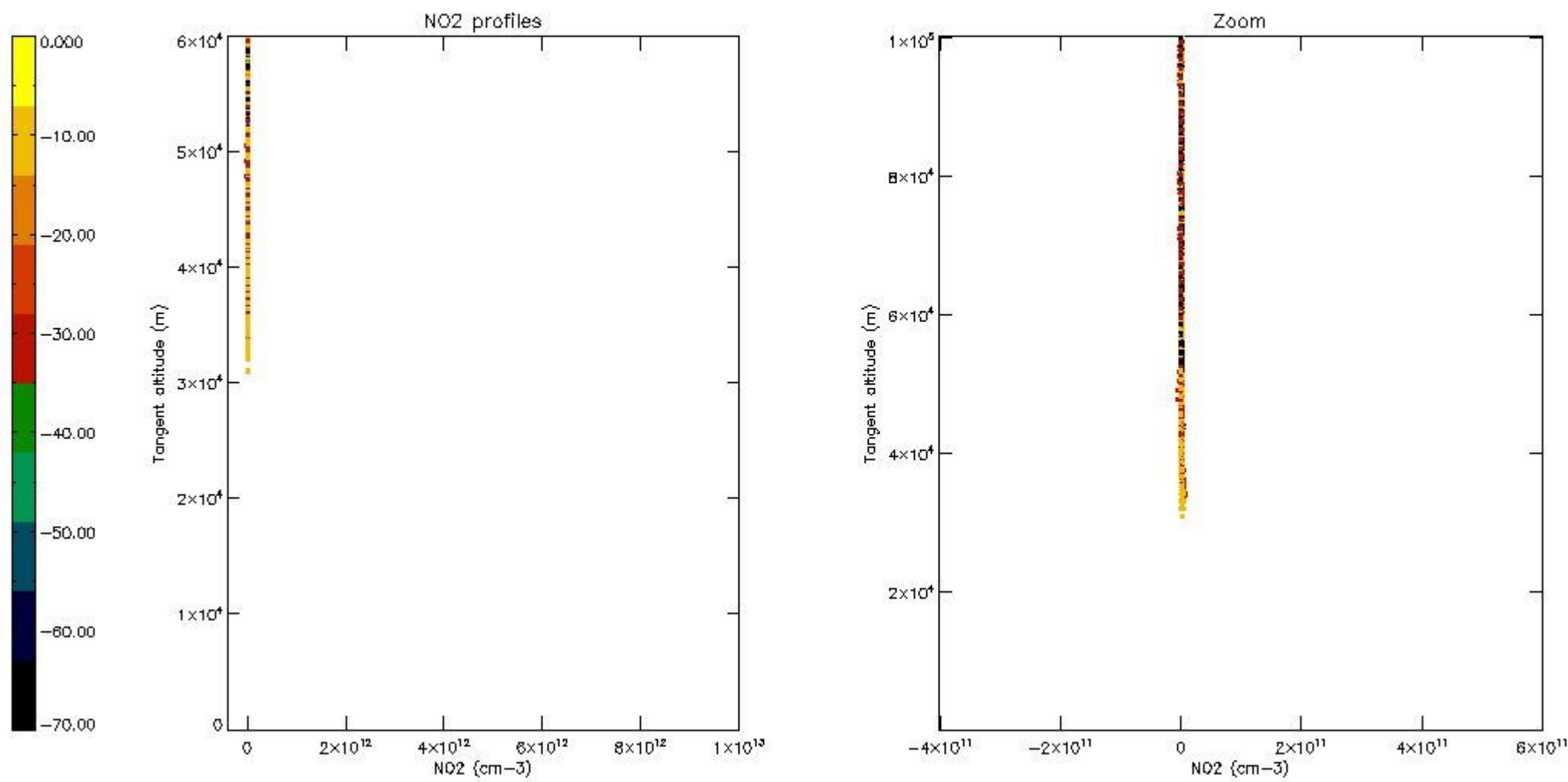
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



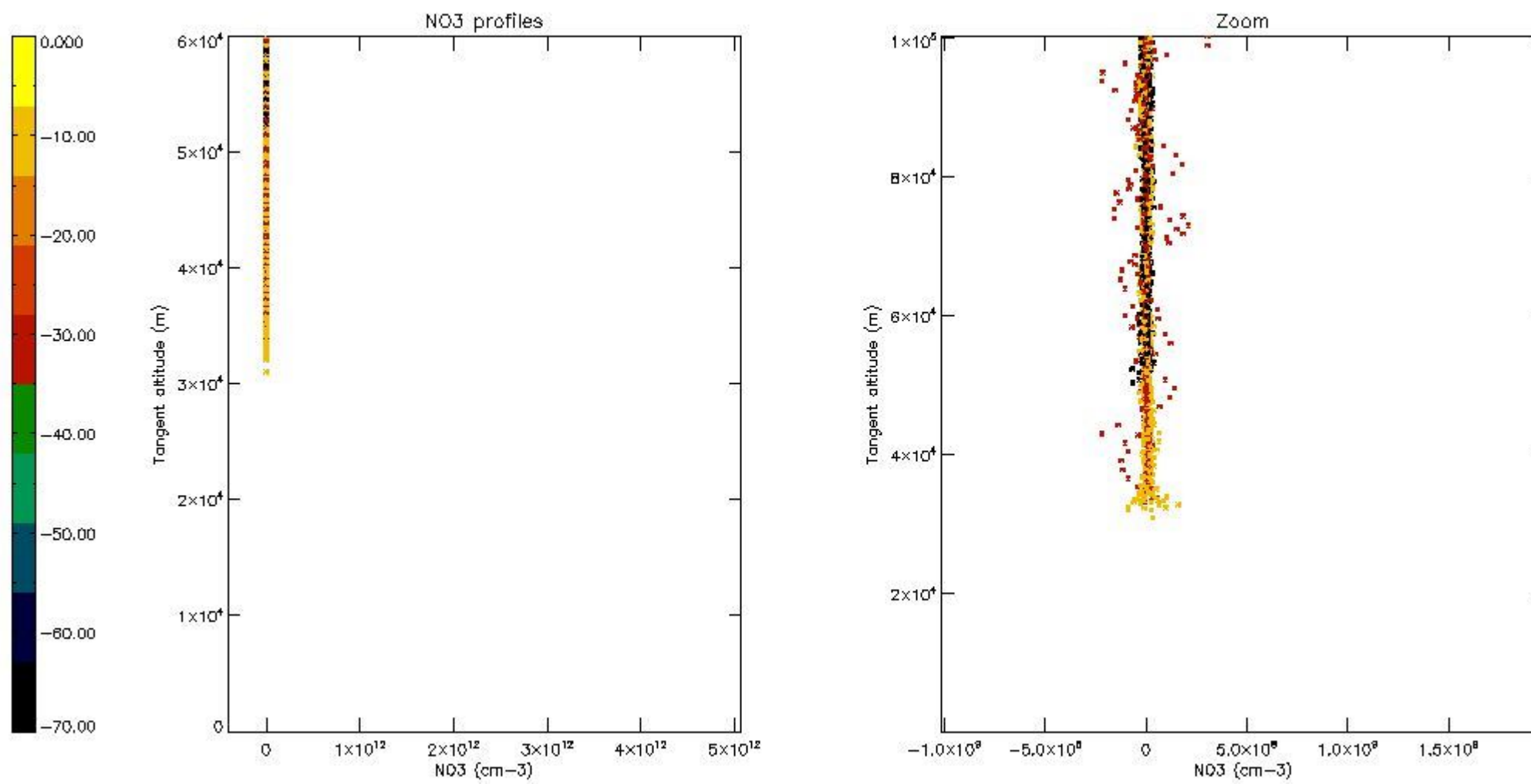
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

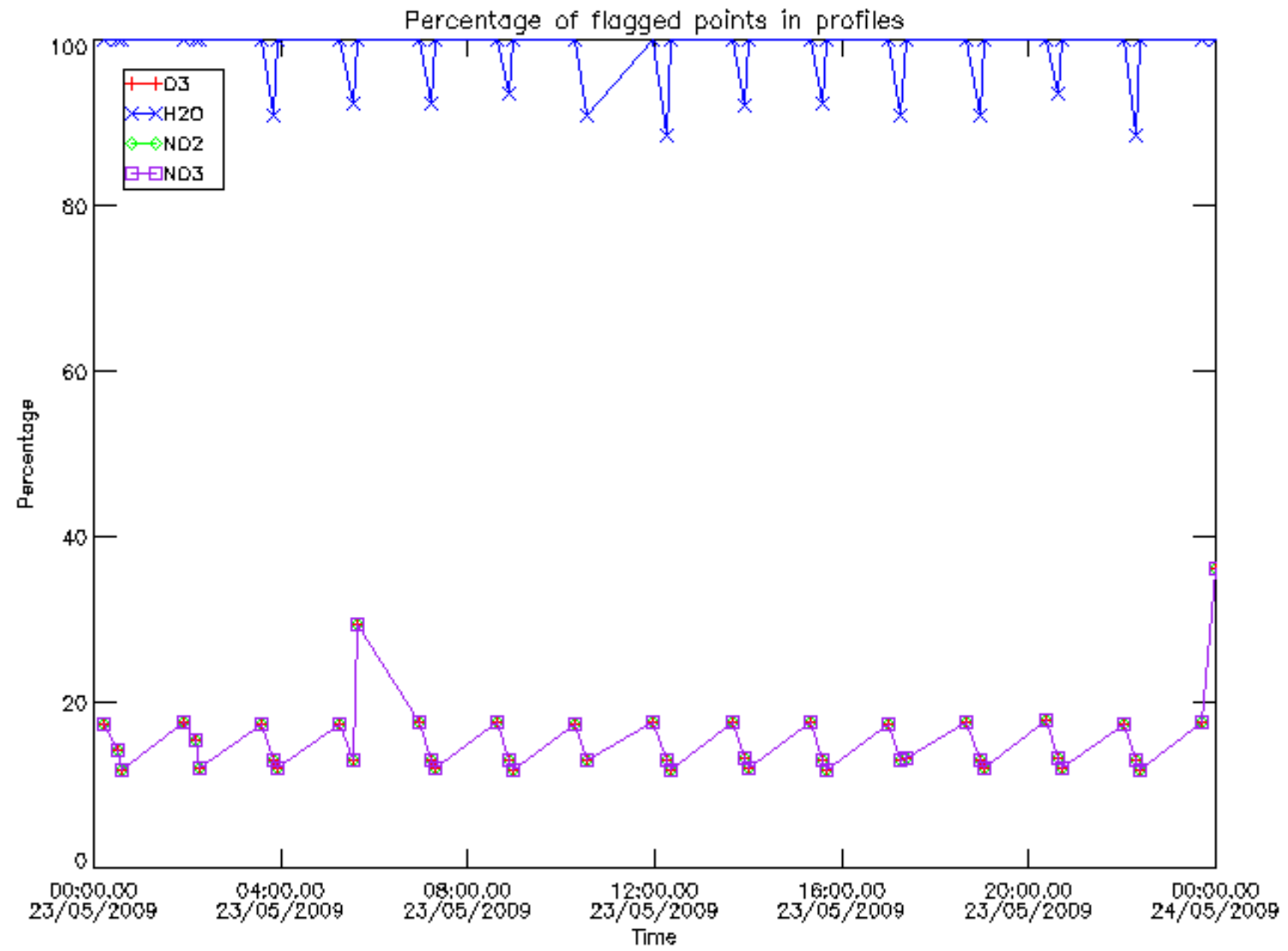
The colorbar represents the latitude.



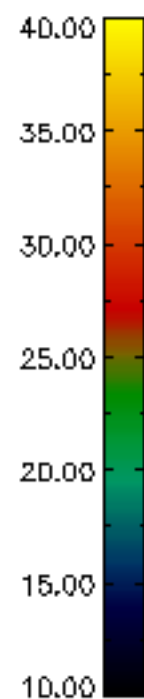
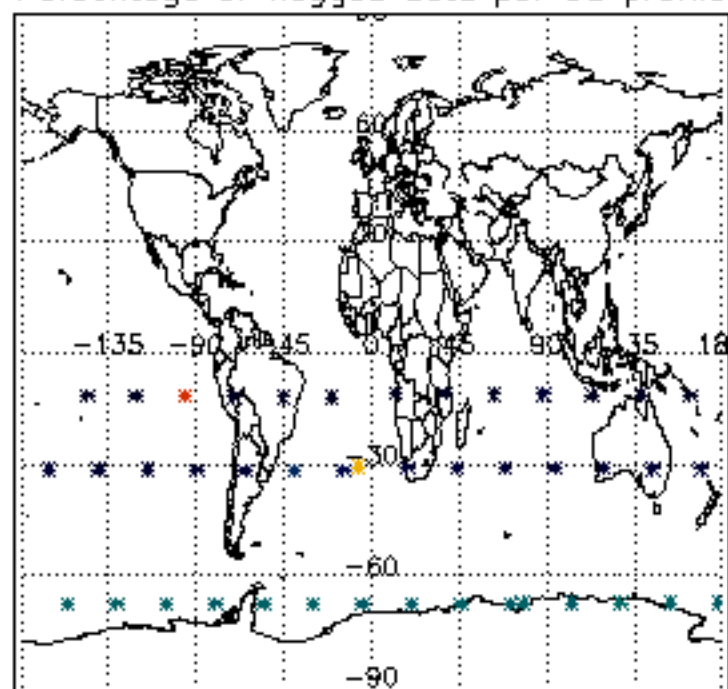
6. Auxiliary Data Files used for the production reported in section 2

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.

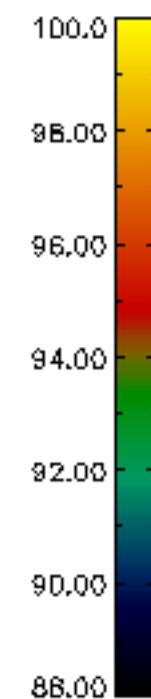
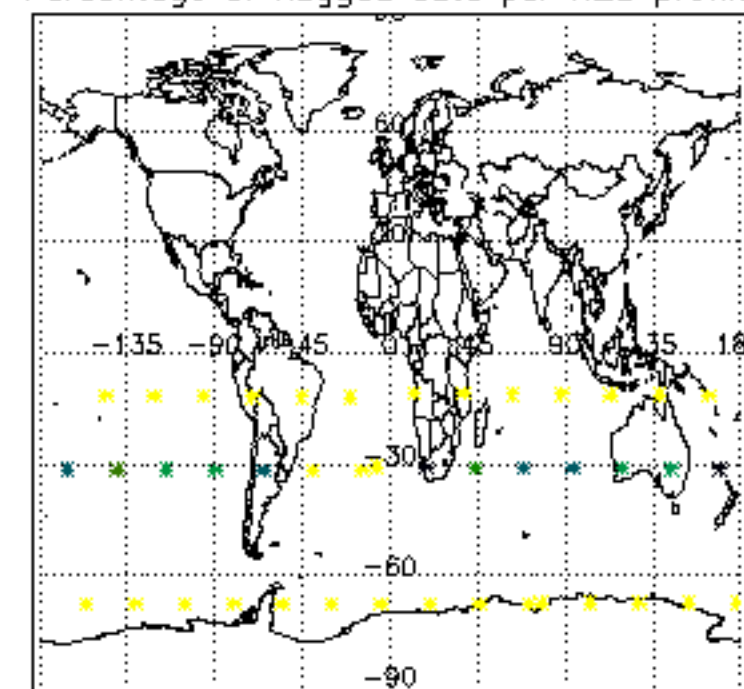
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	23-MAY-2009 00:09:36
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	23-MAY-2009 00:09:36
CROSS_SECTIONS_FILE	GOM_CR2_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	23-MAY-2009 00:09:36



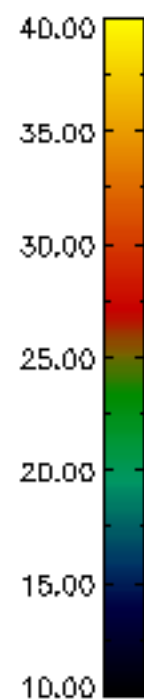
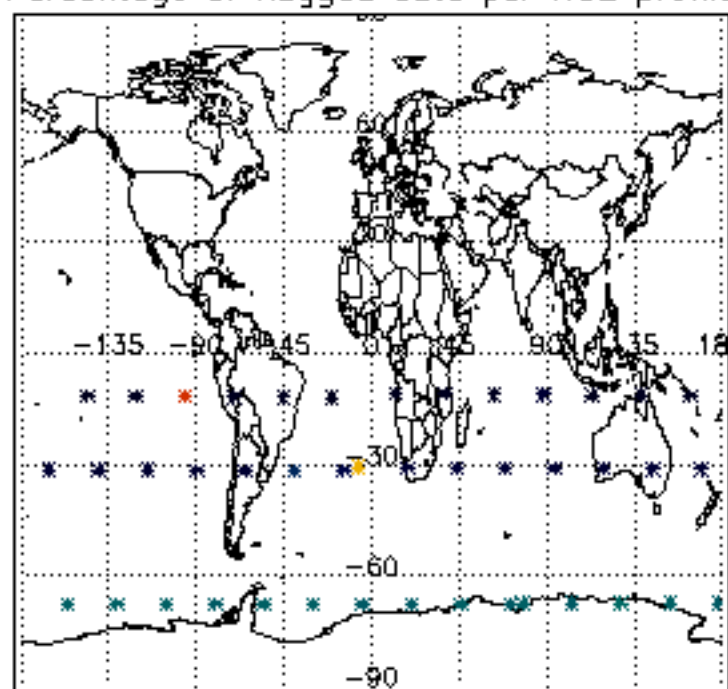
Percentage of flagged data per D3 profile



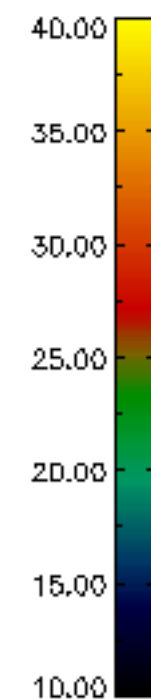
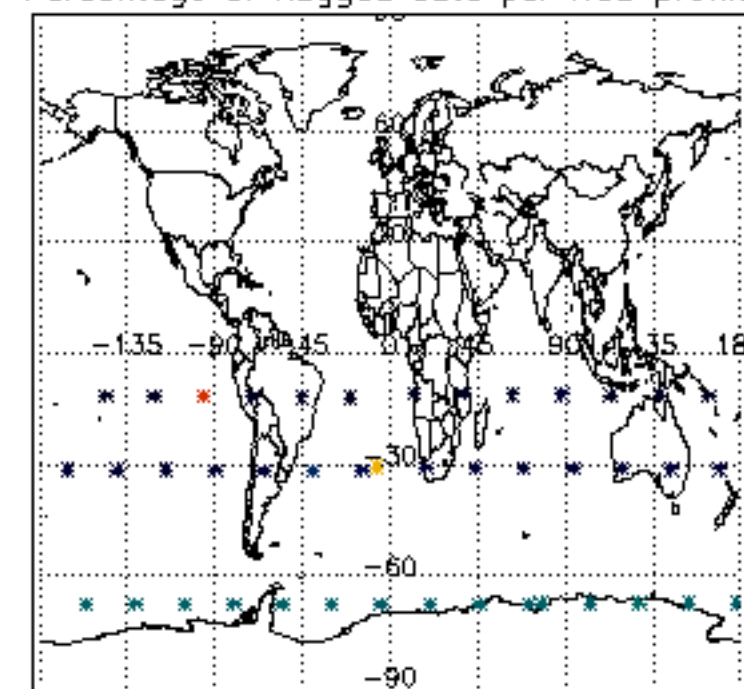
Percentage of flagged data per H2O profile

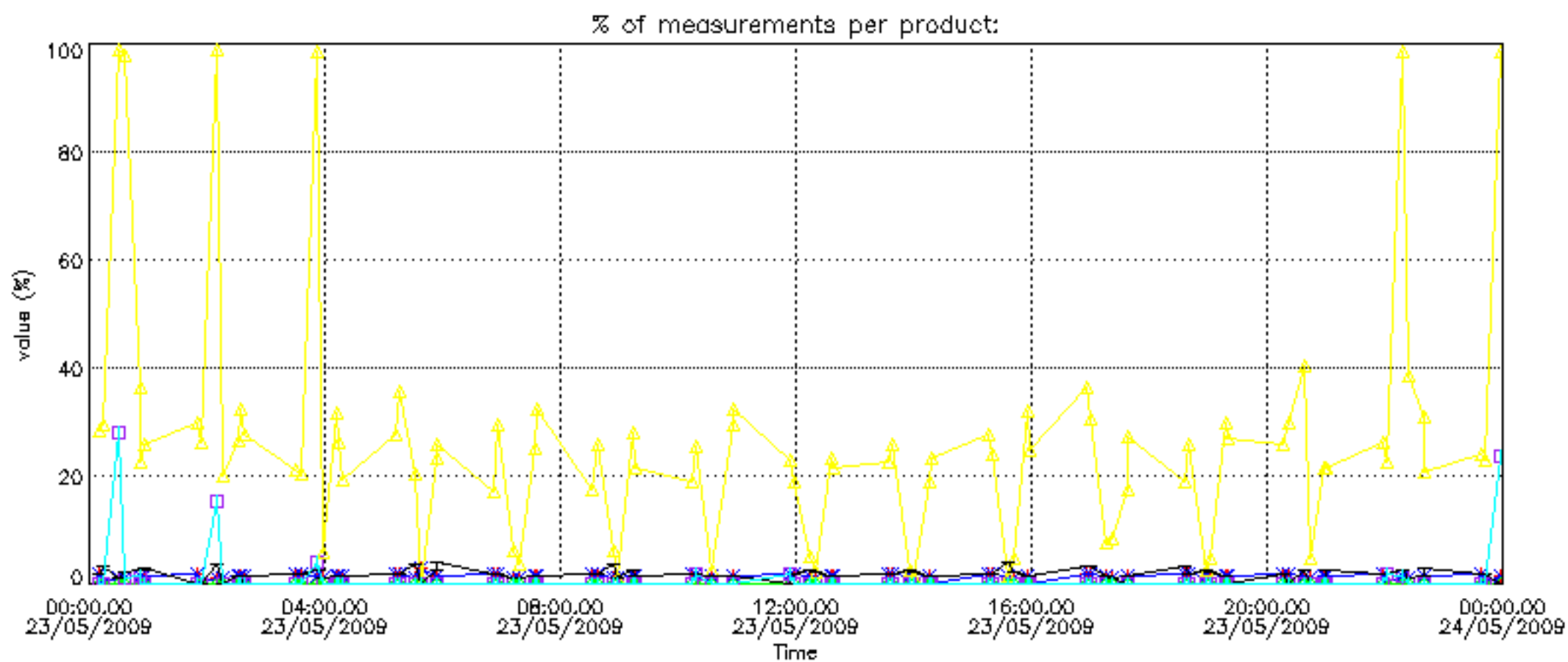


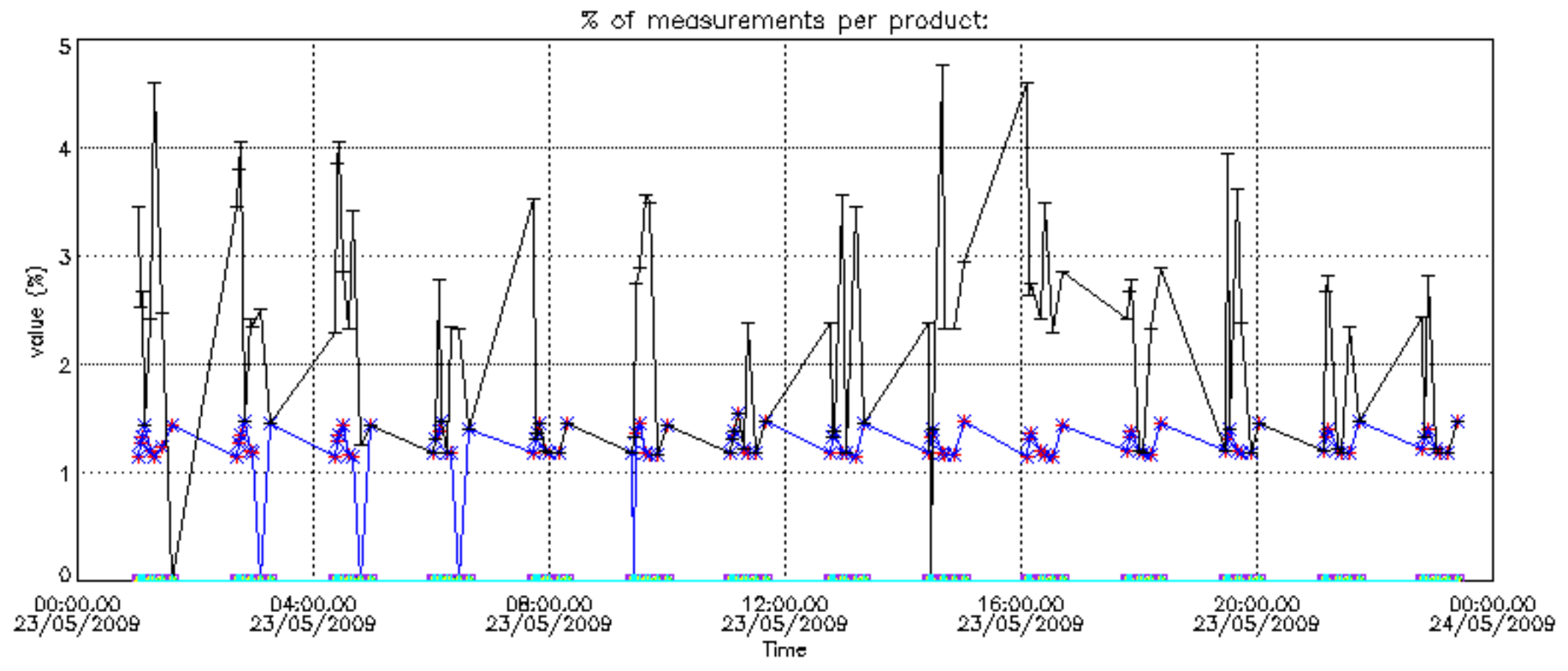
Percentage of flagged data per NO2 profile



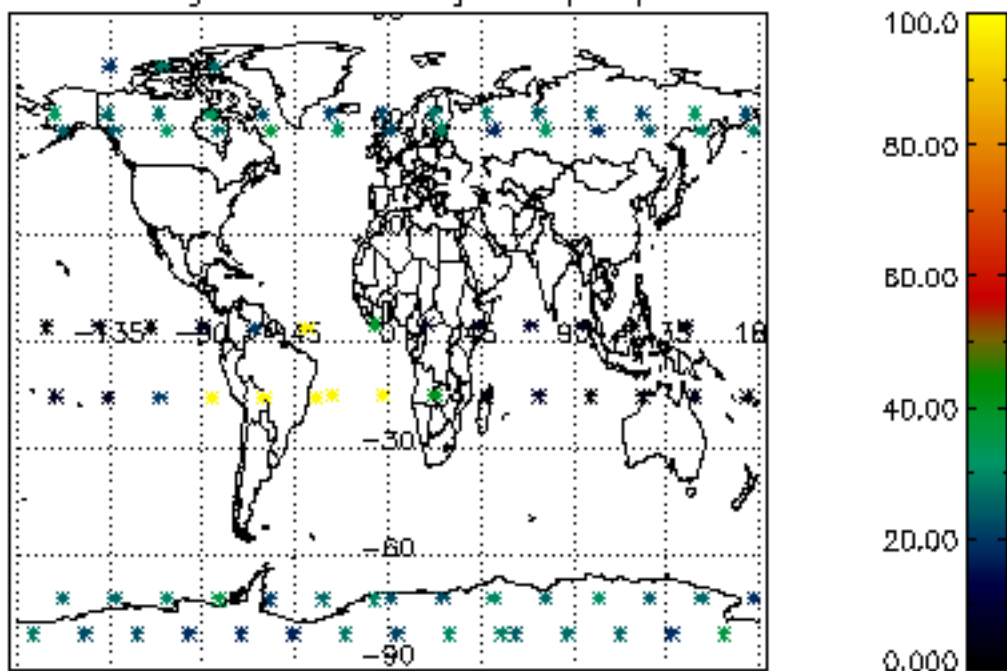
Percentage of flagged data per NO3 profile



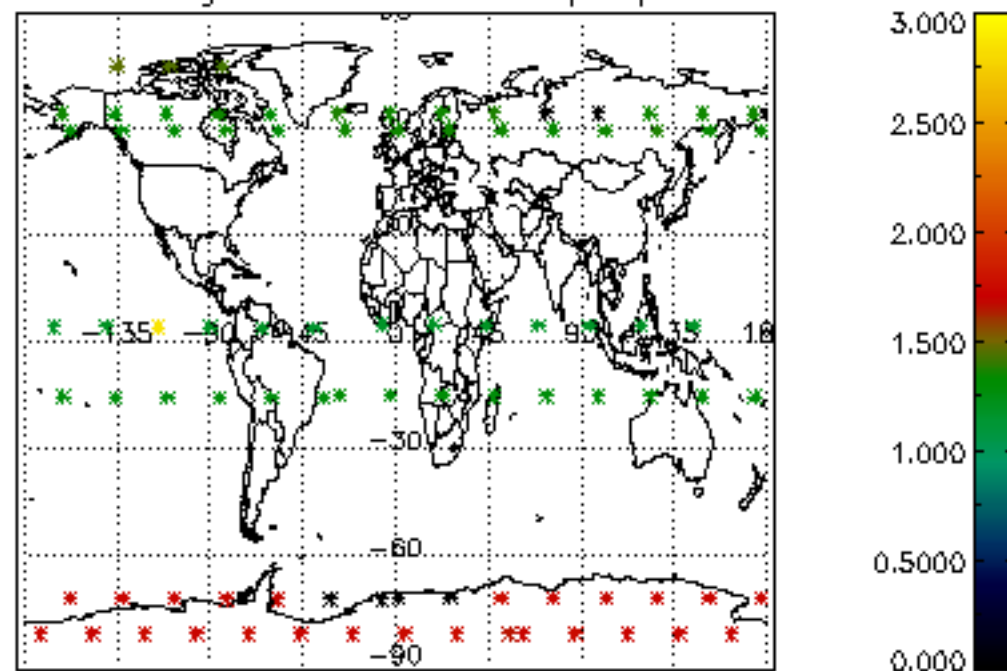




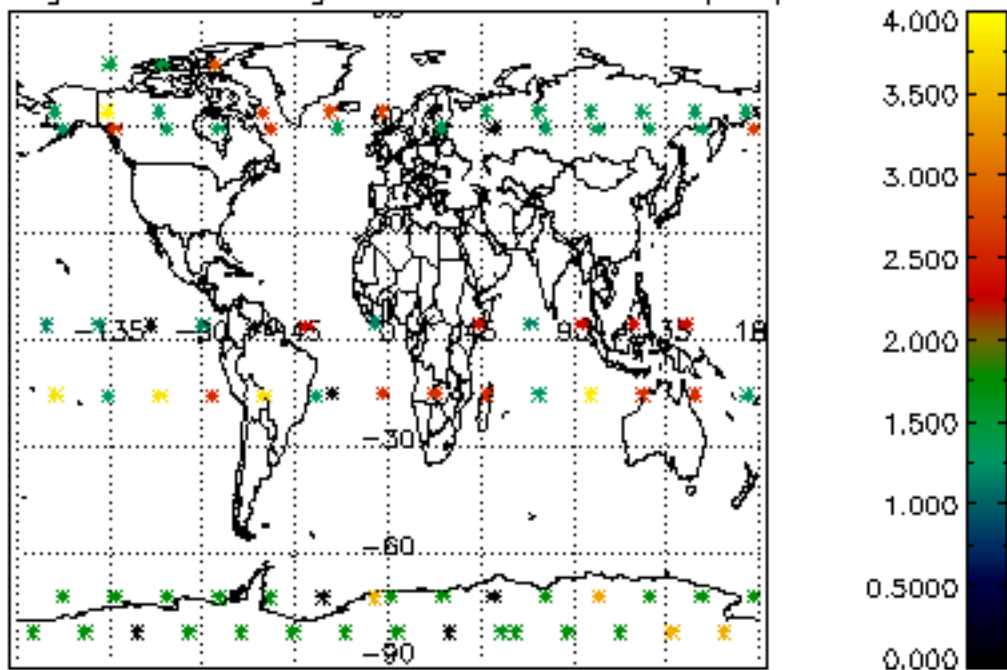
Percentage of cosmic ray hits per profile



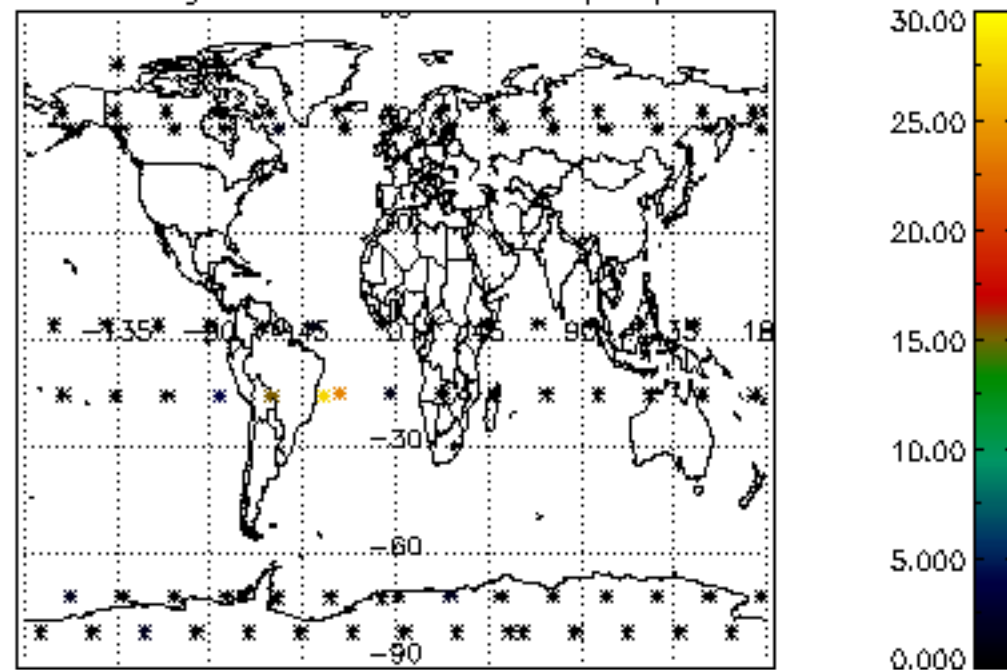
Percentage of datation errors per profile



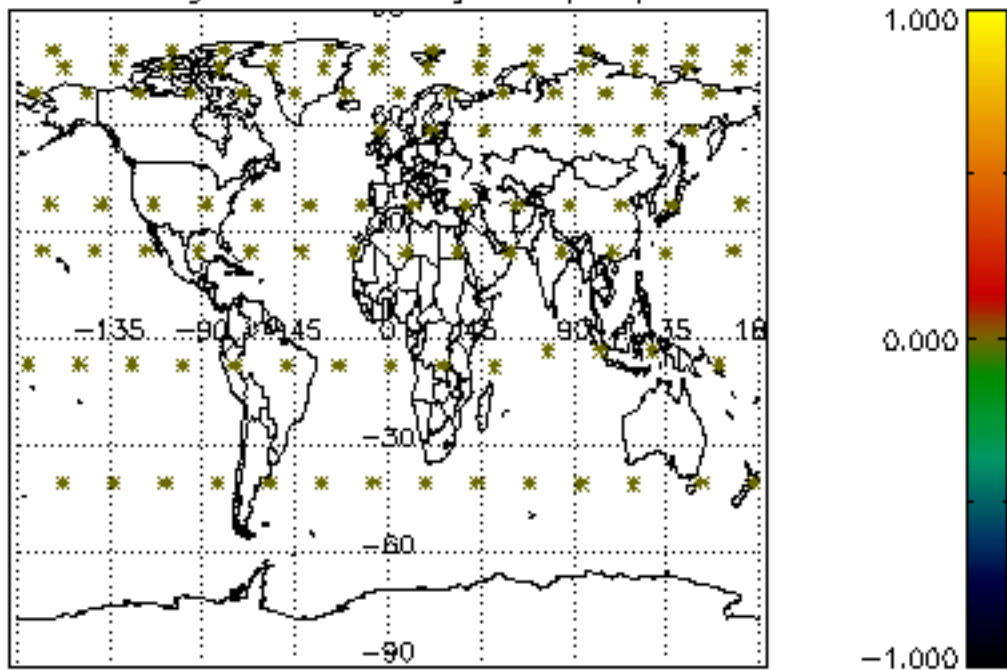
Percentage of star falling outside central band per profile



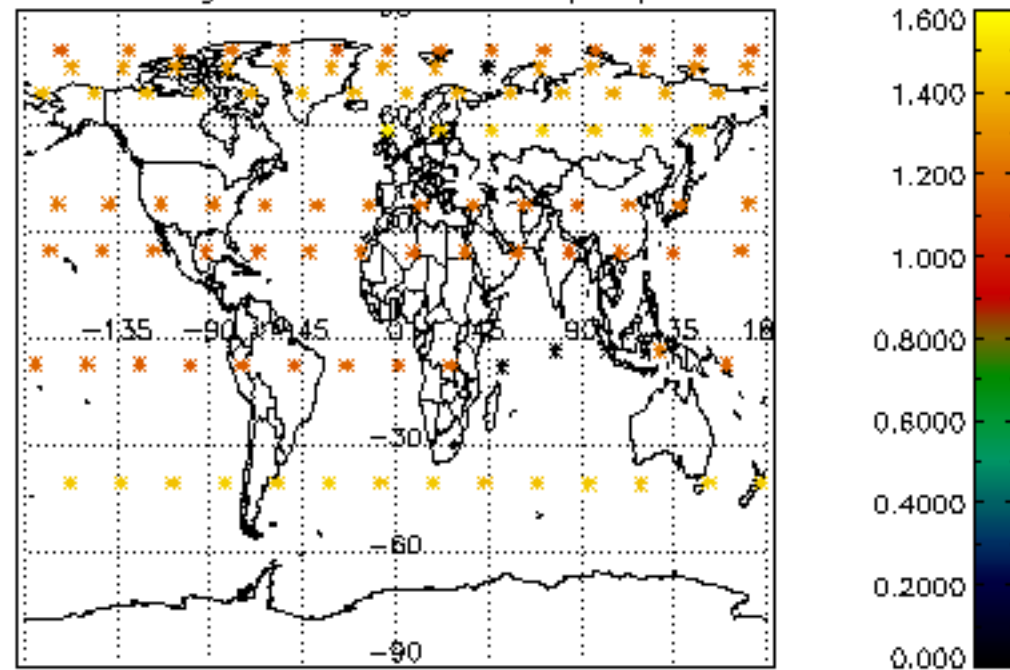
Percentage of saturation errors per profile



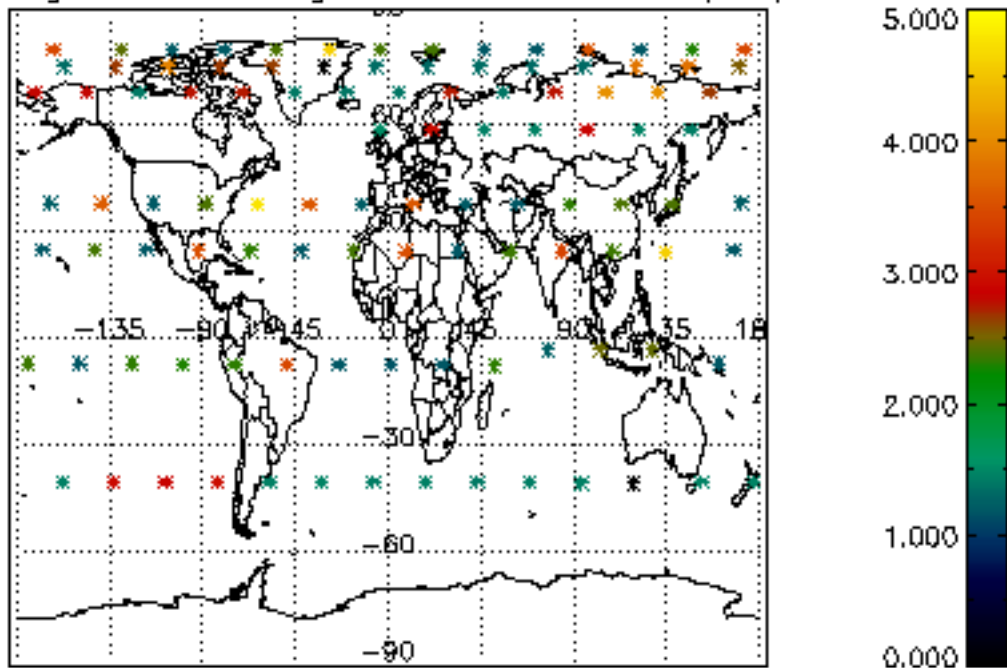
Percentage of cosmic ray hits per profile



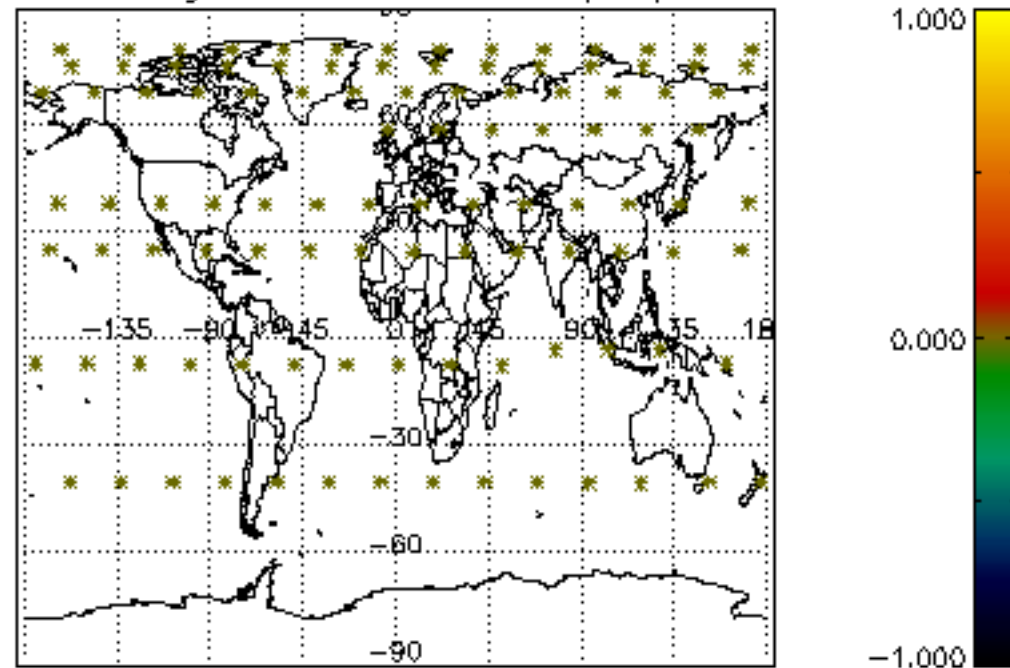
Percentage of datation errors per profile

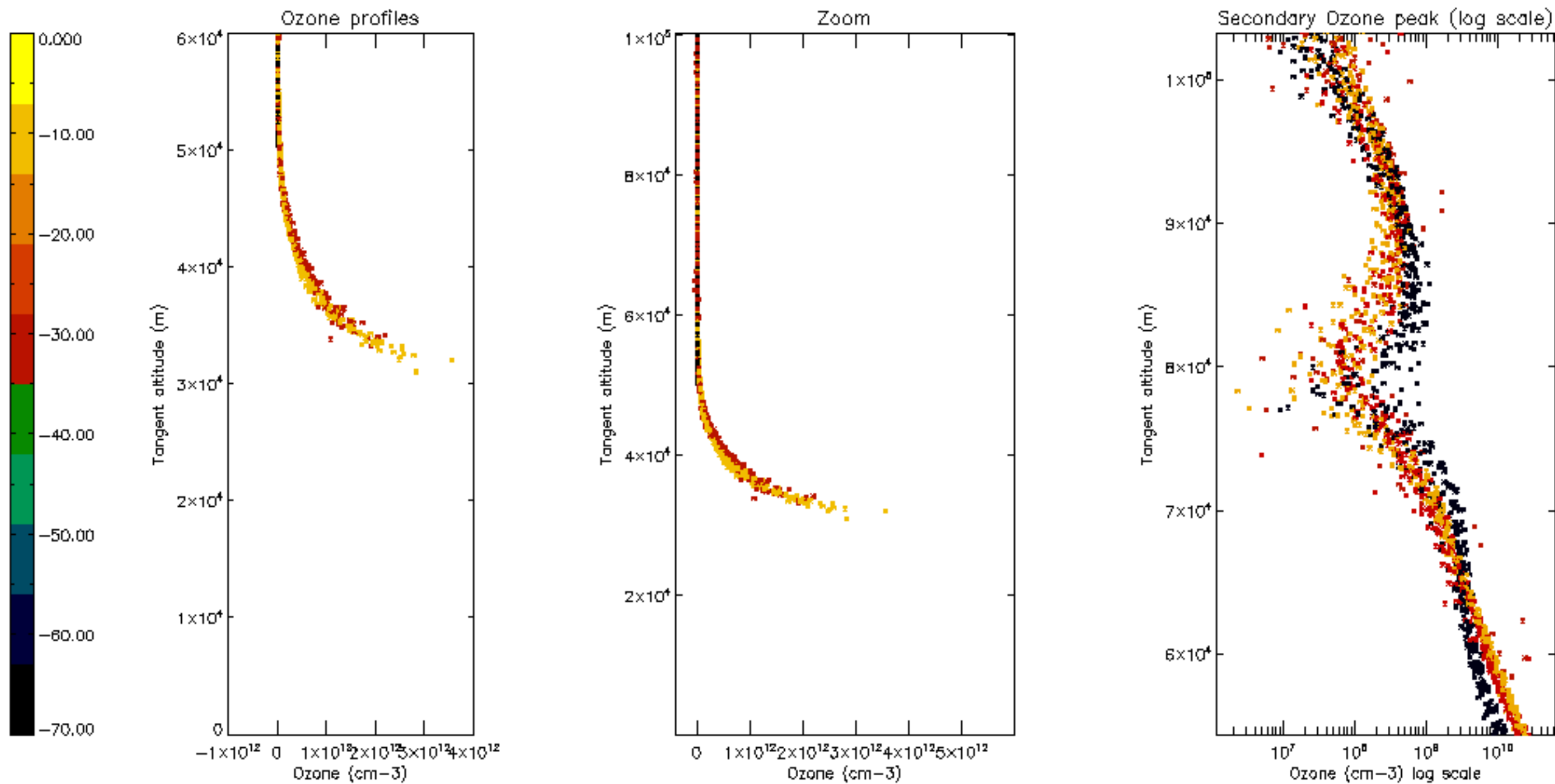


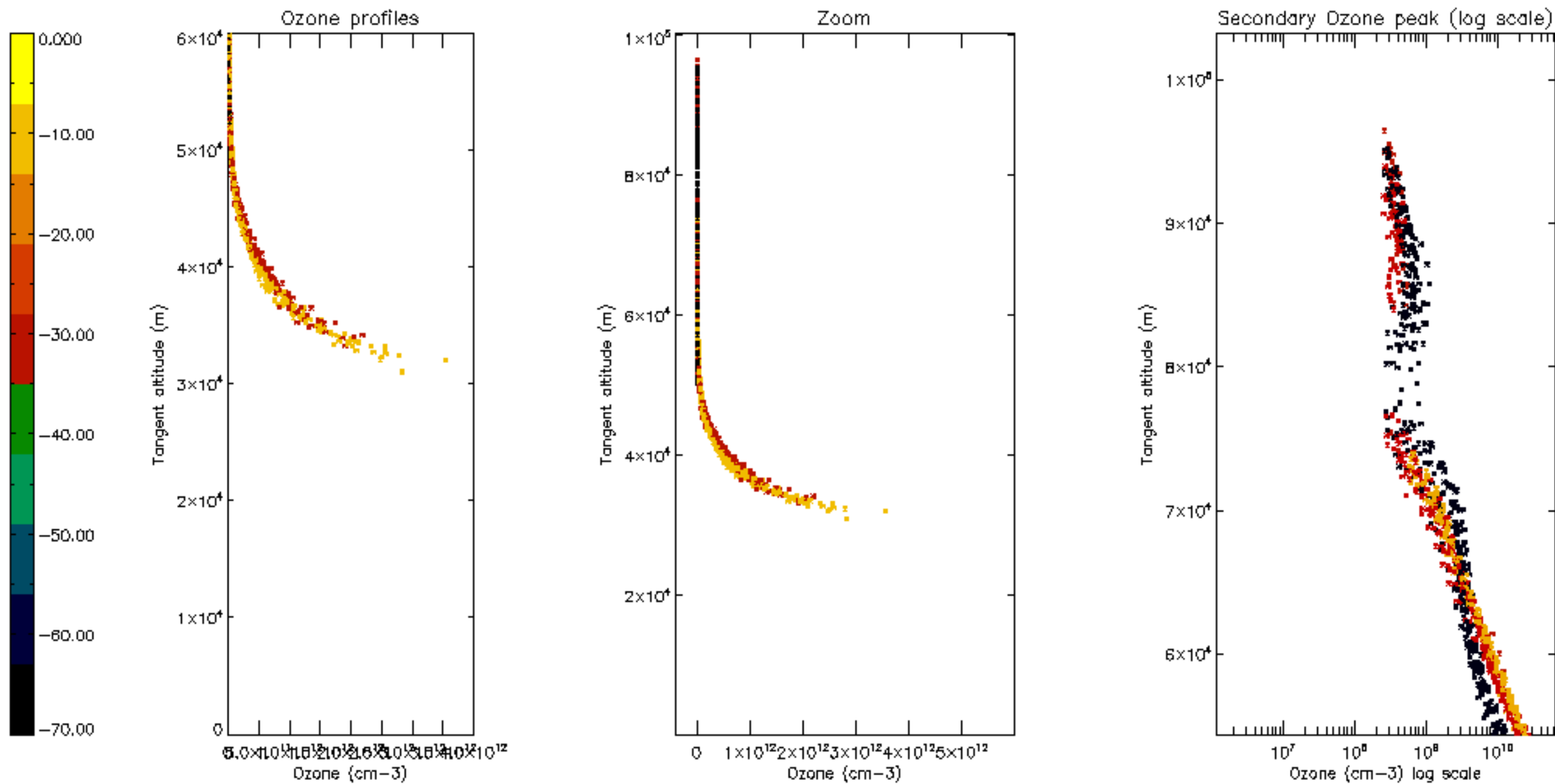
Percentage of star falling outside central band per profile

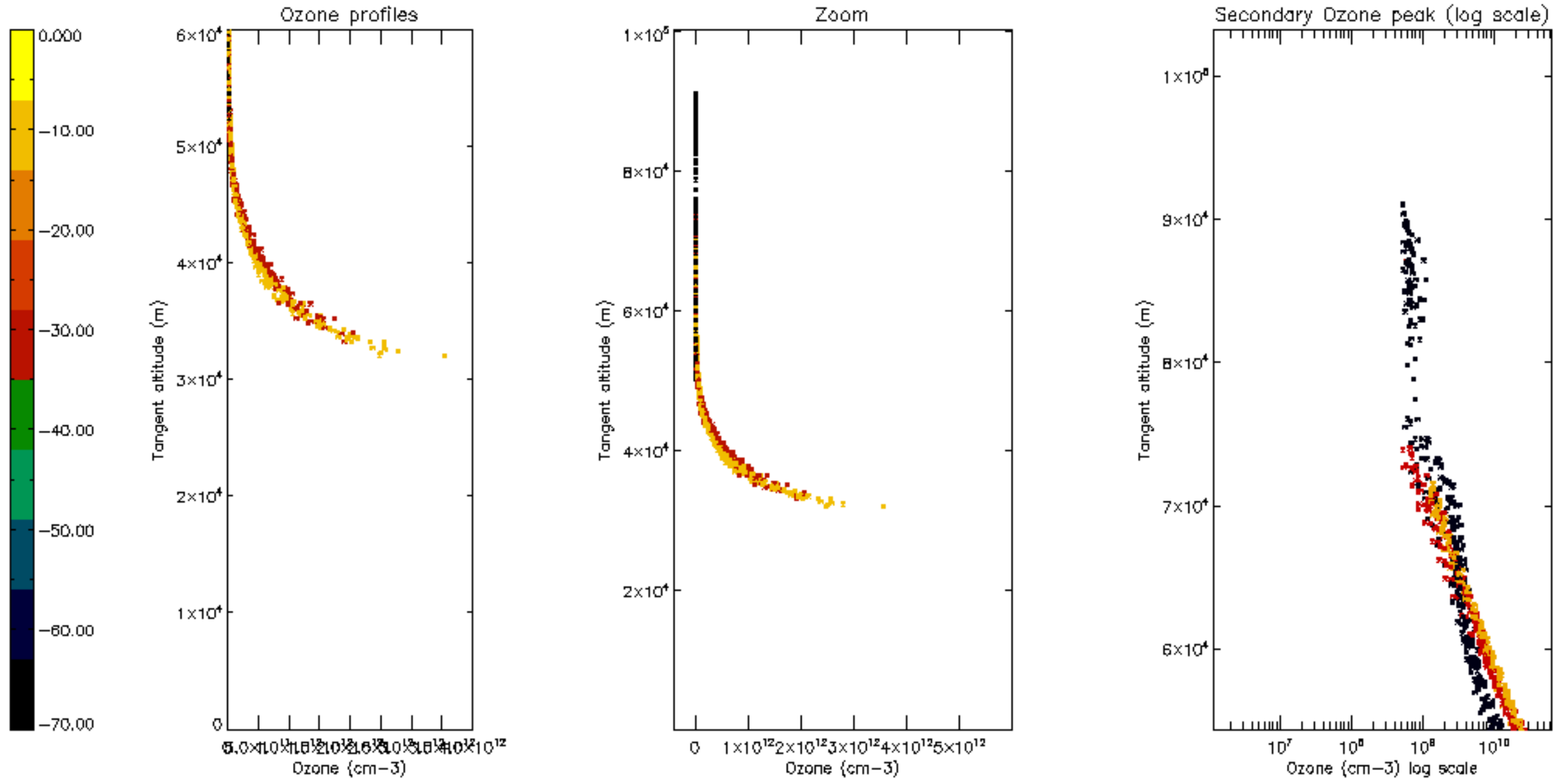


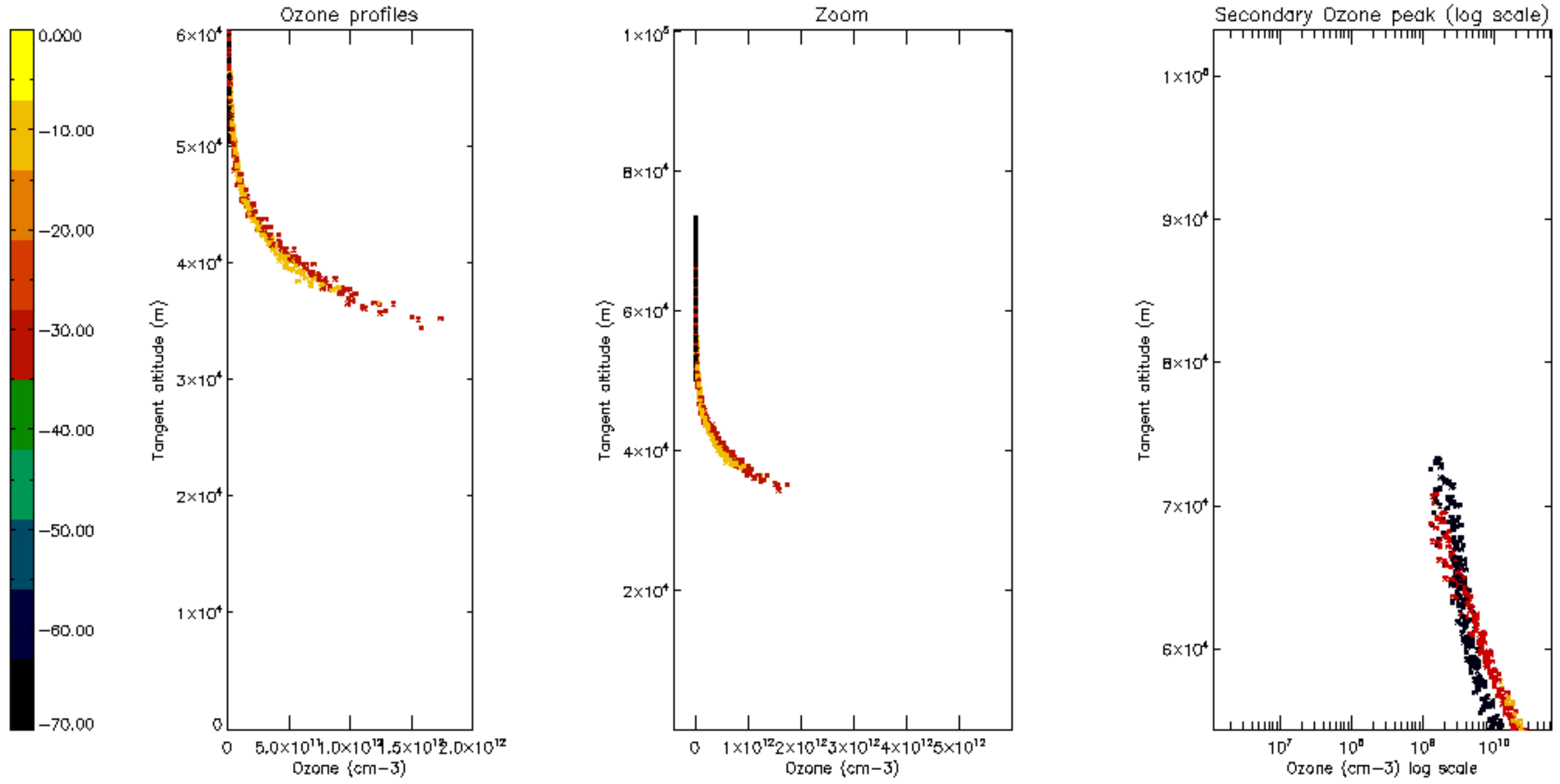
Percentage of saturation errors per profile

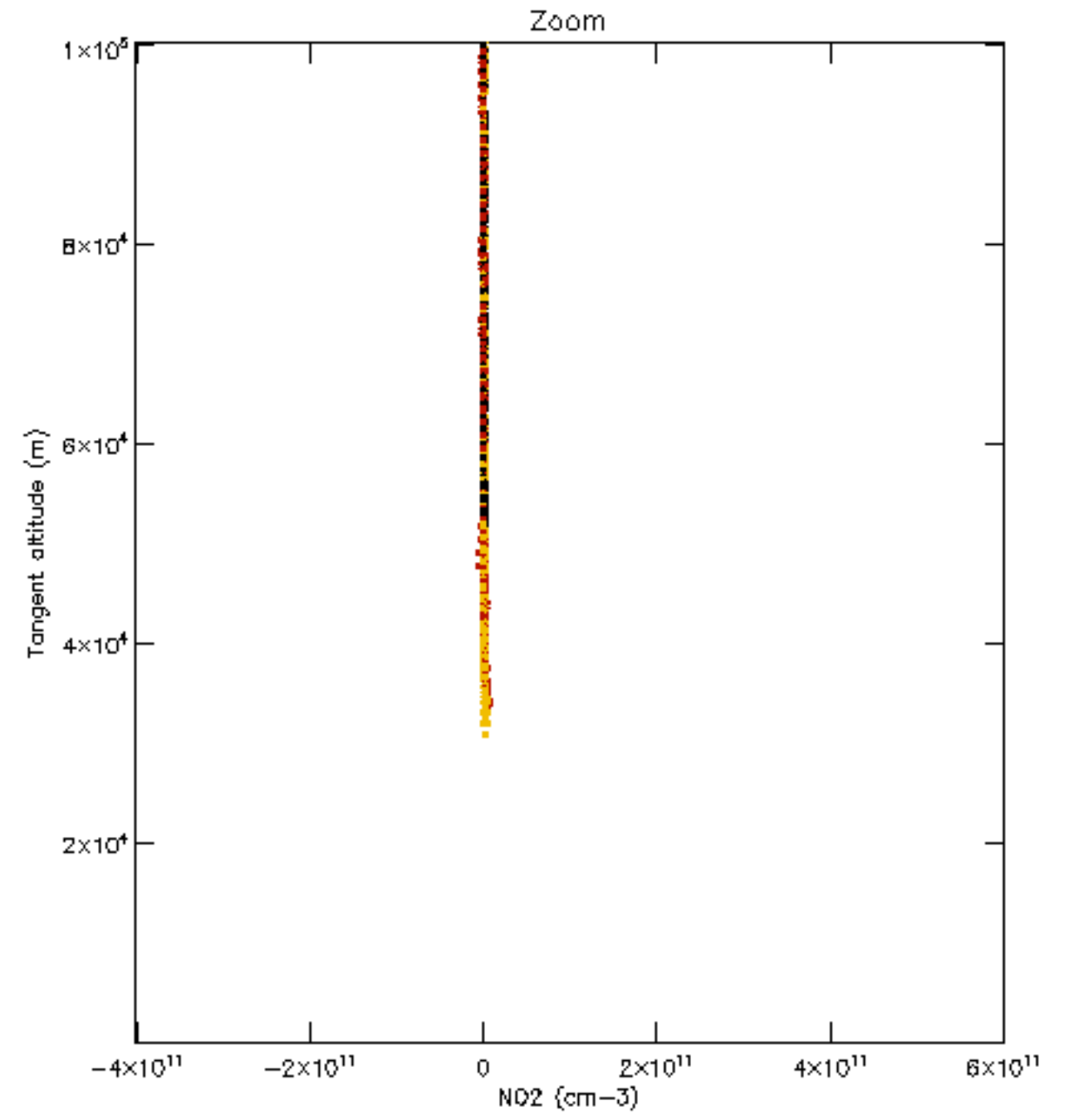
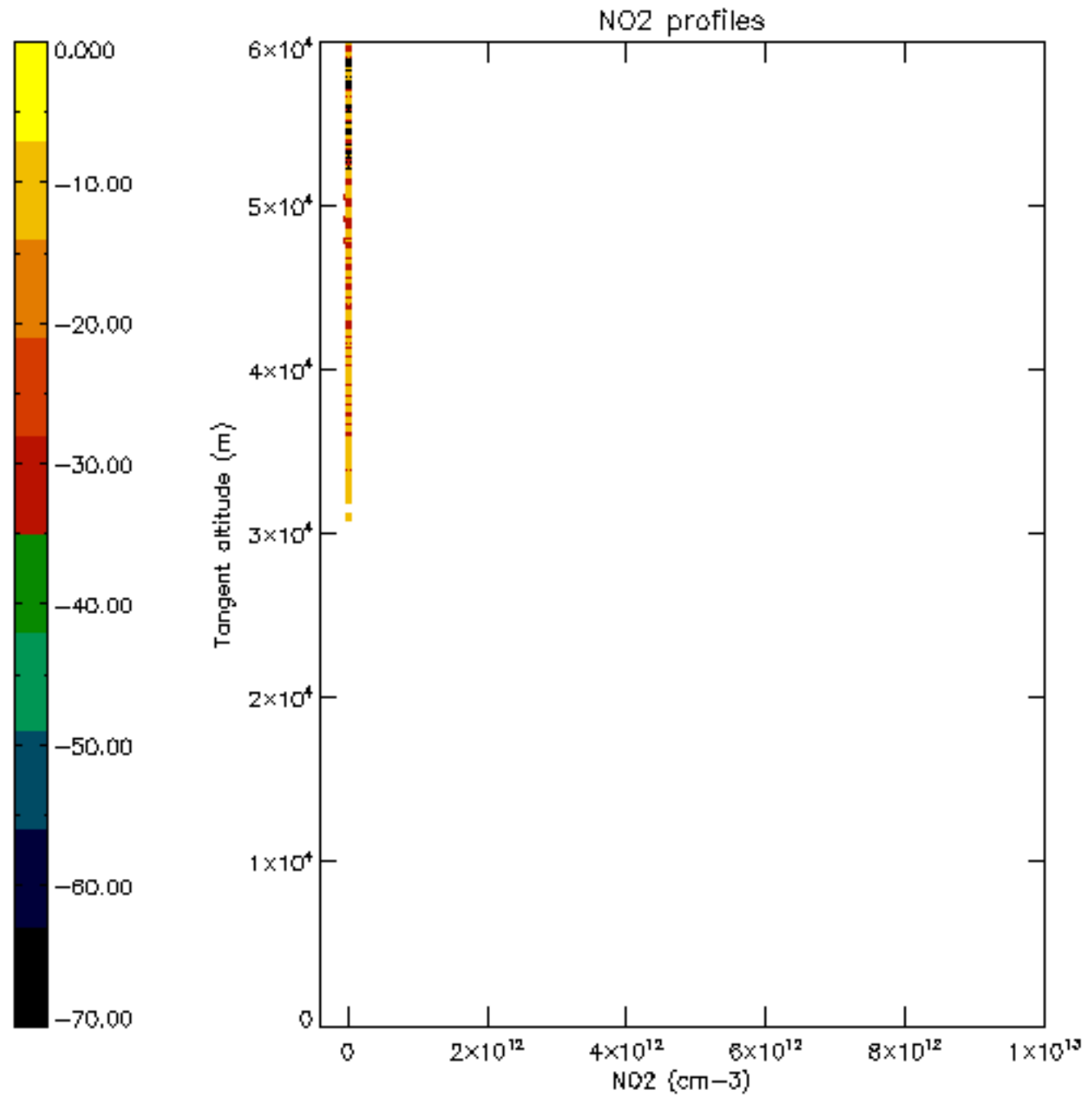


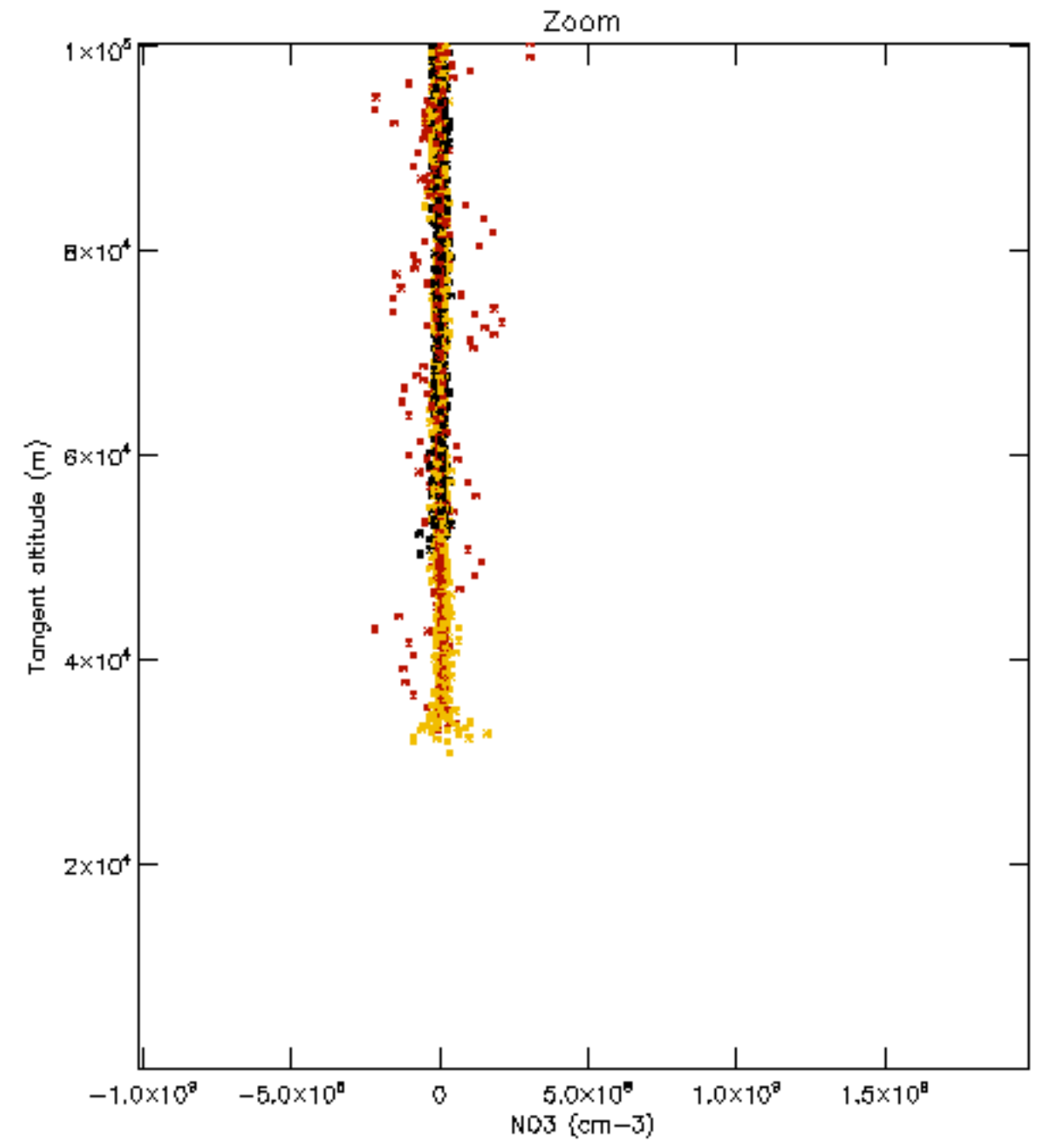
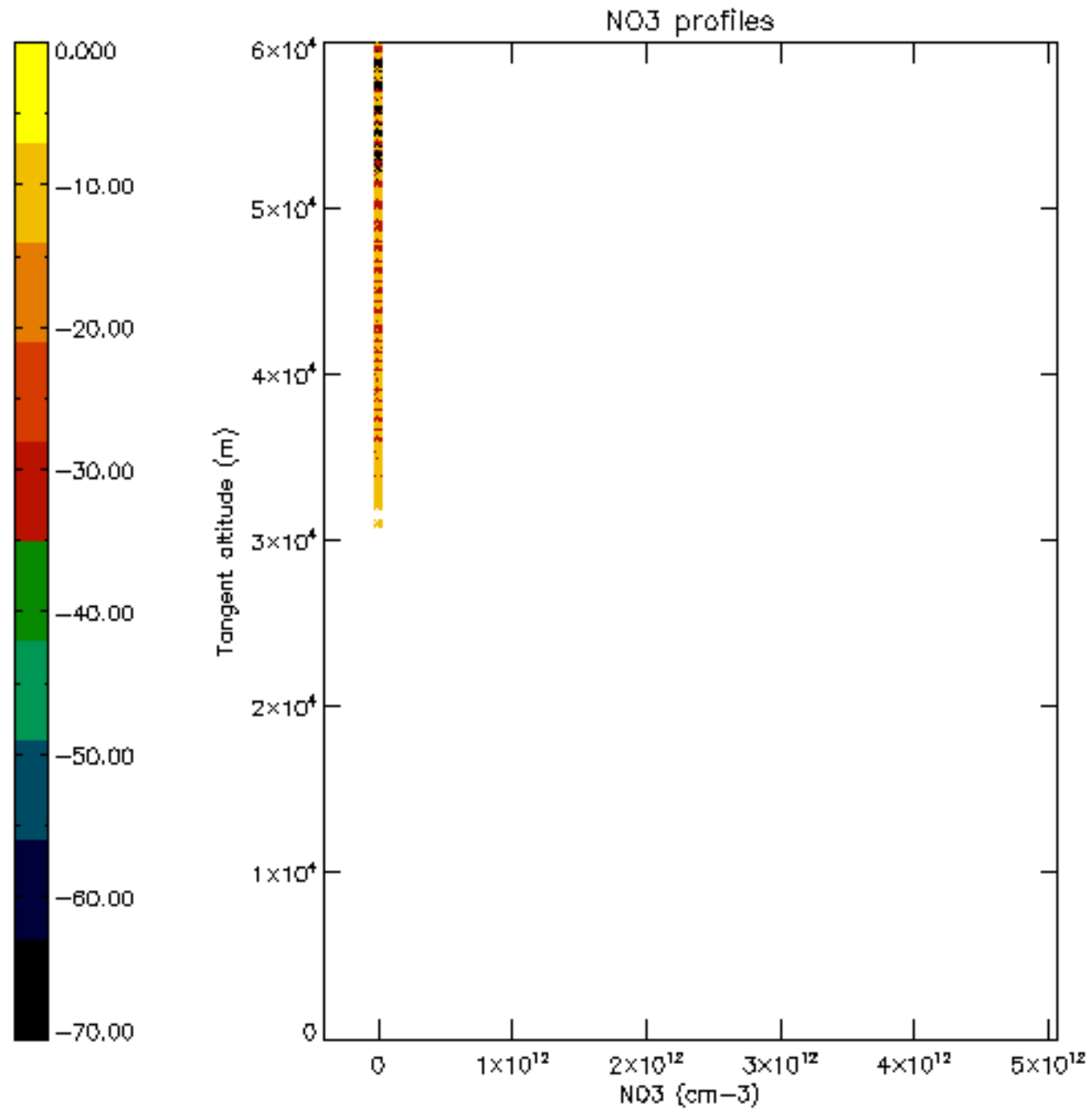


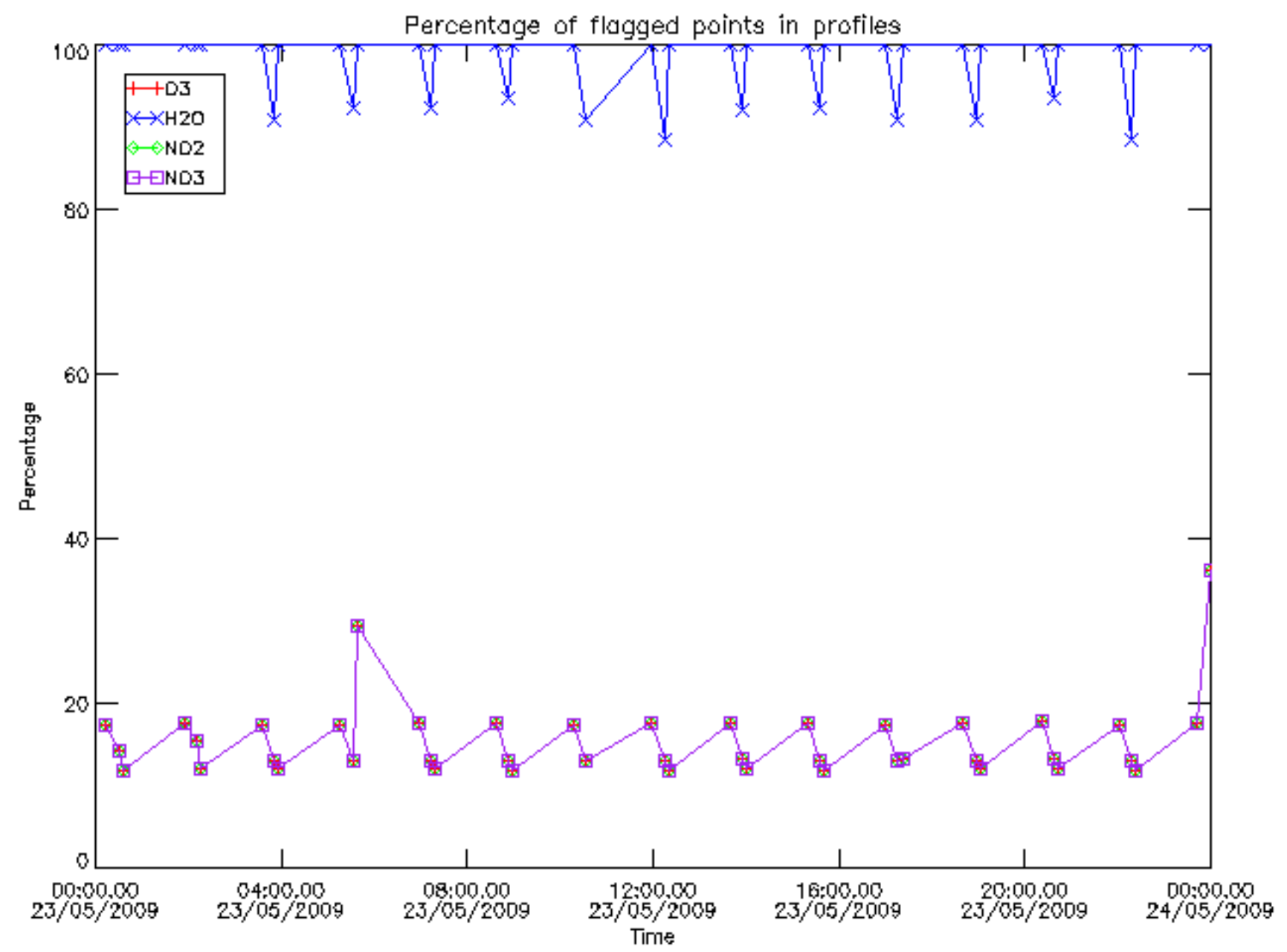




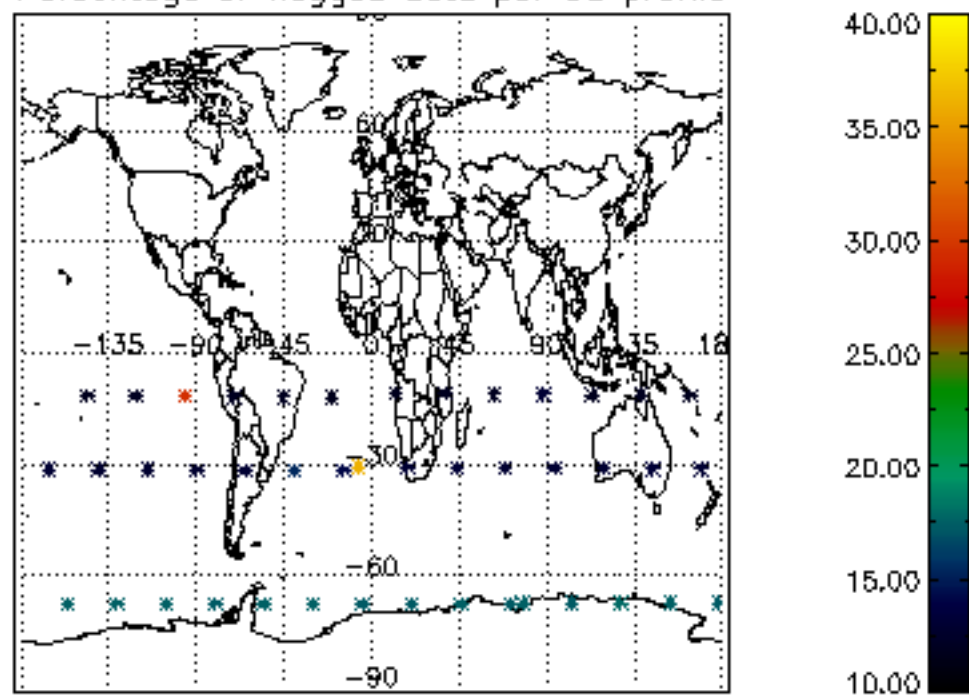




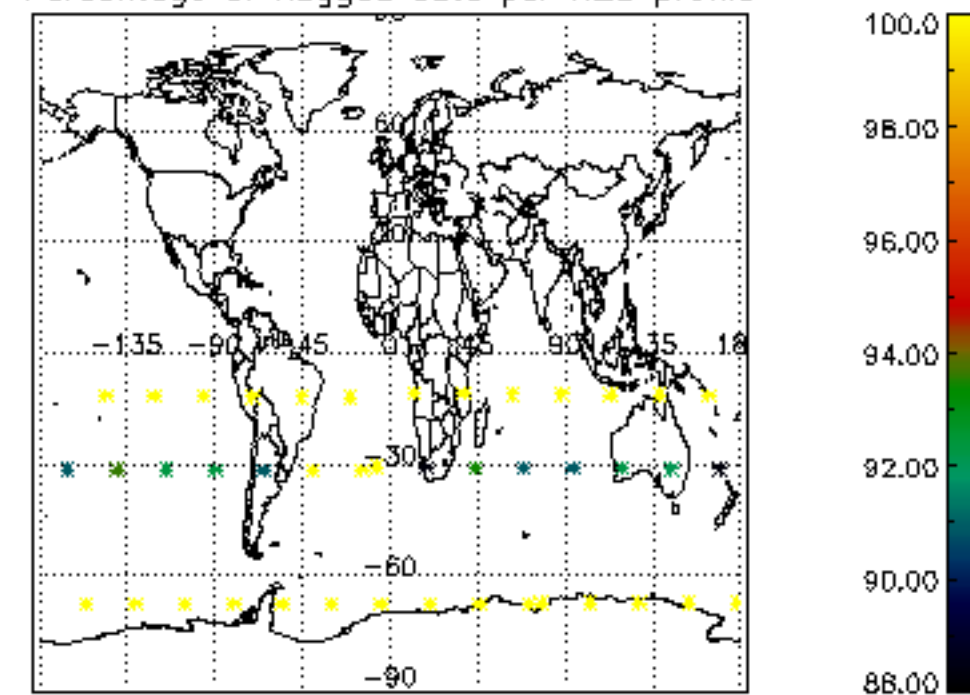




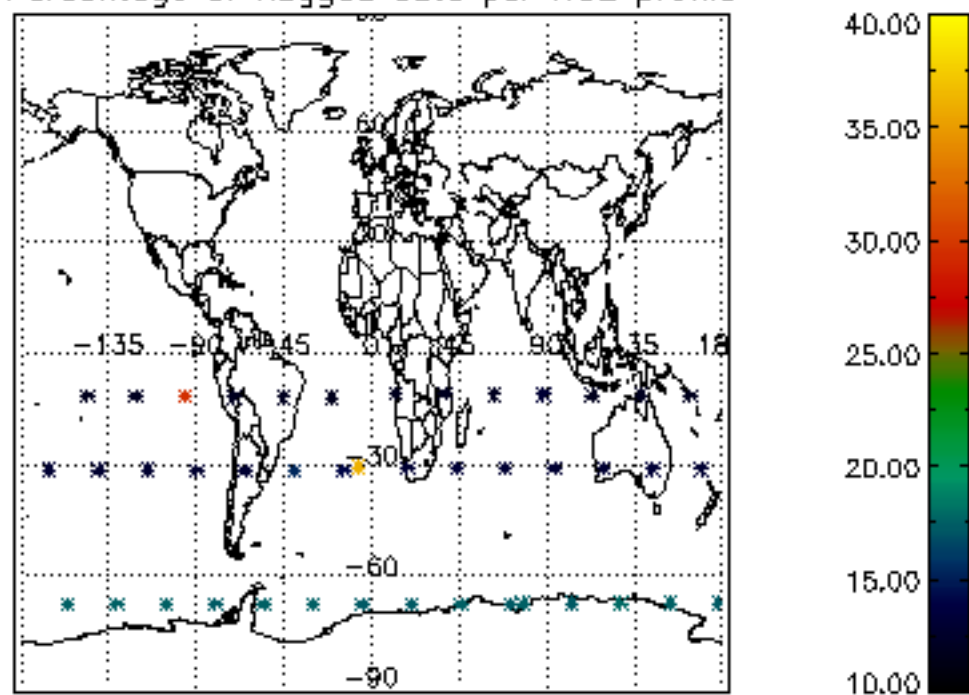
Percentage of flagged data per D3 profile



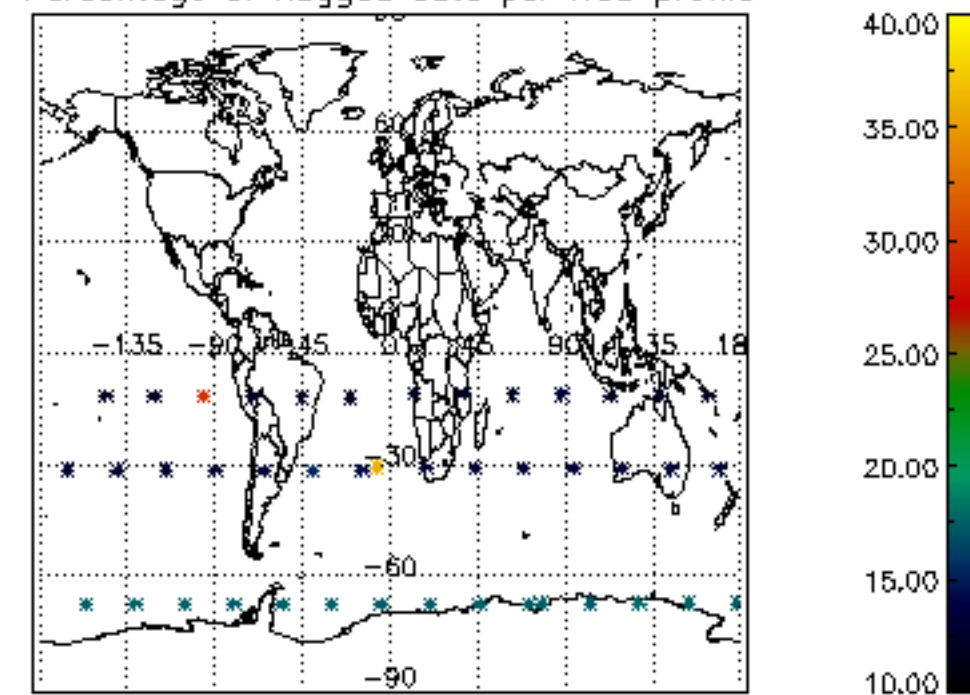
Percentage of flagged data per H2O profile

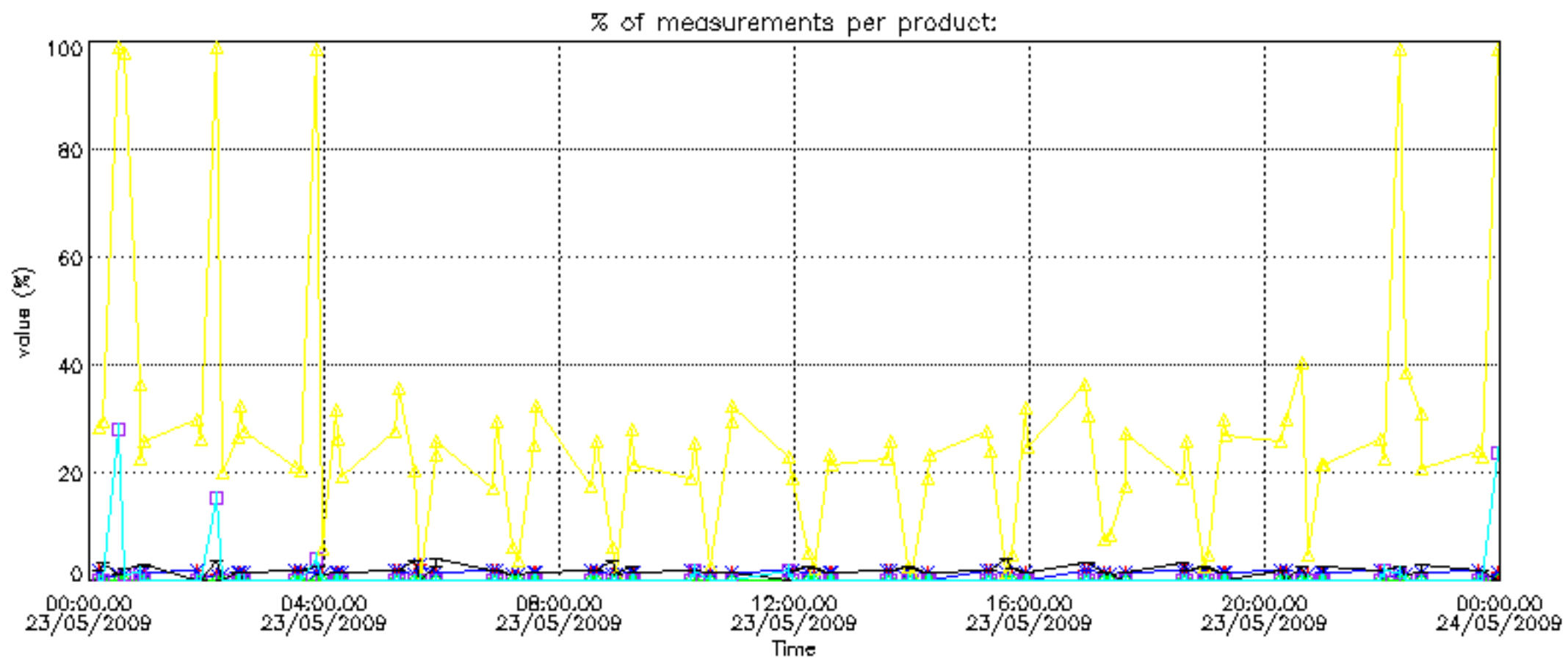


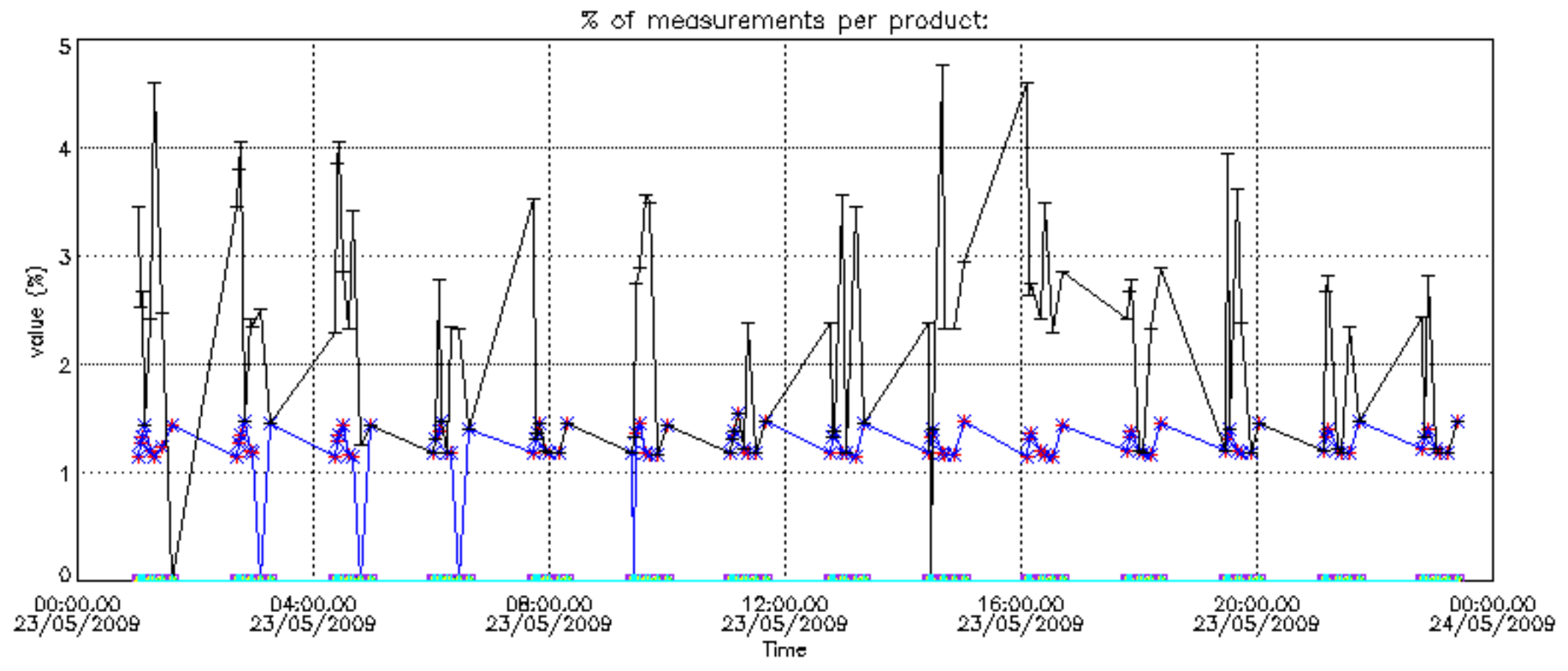
Percentage of flagged data per NO2 profile



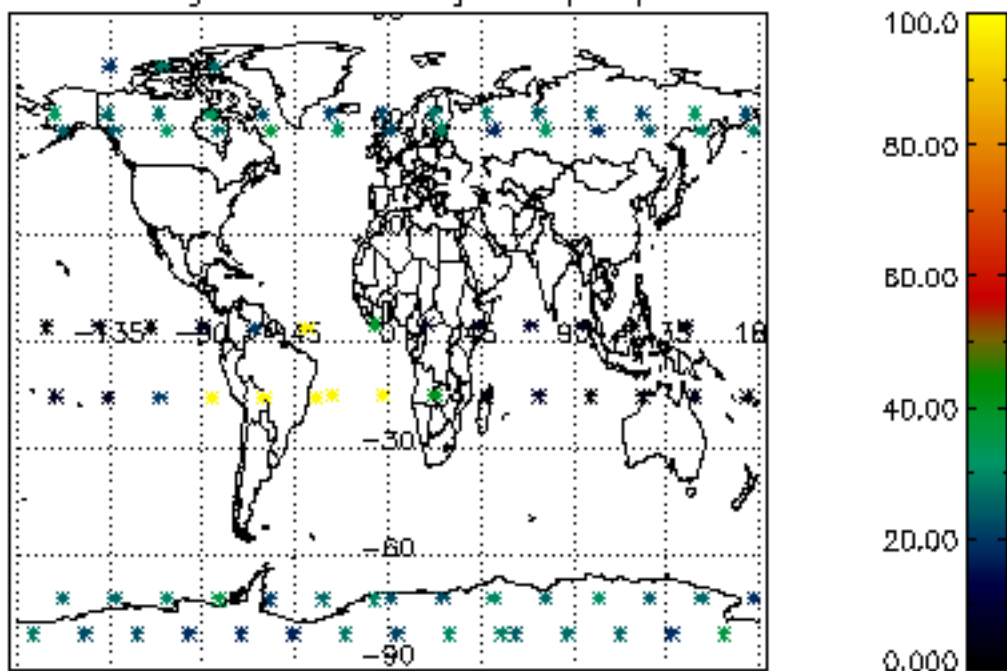
Percentage of flagged data per NO3 profile



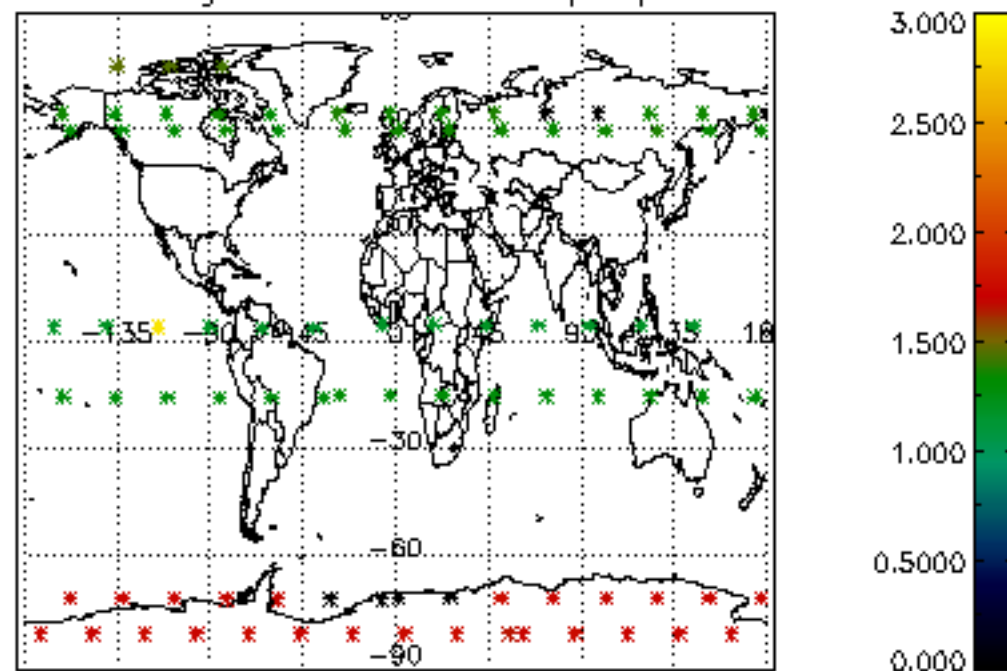




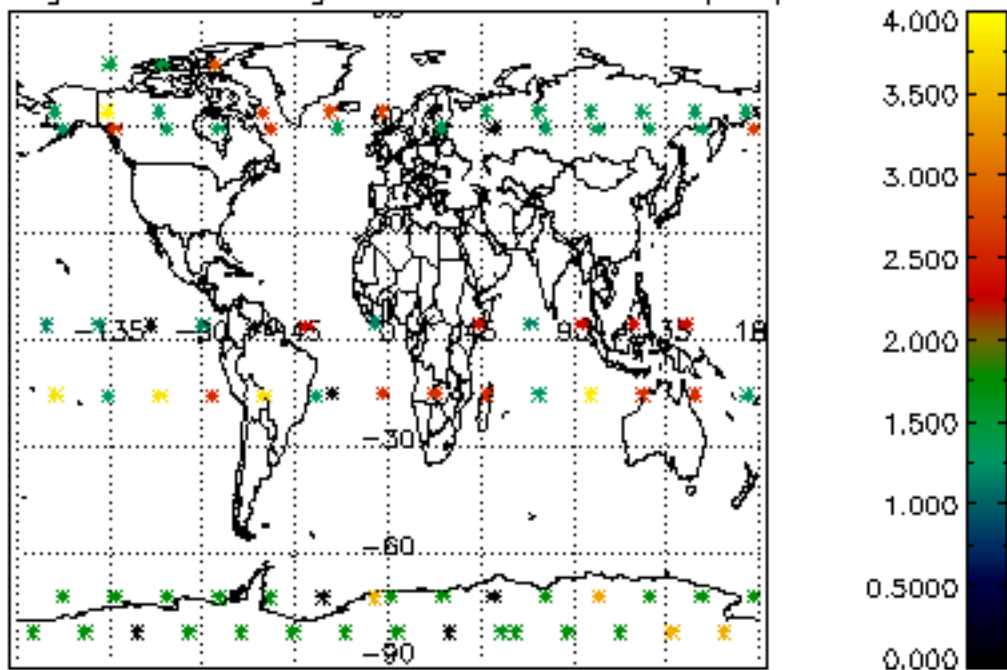
Percentage of cosmic ray hits per profile



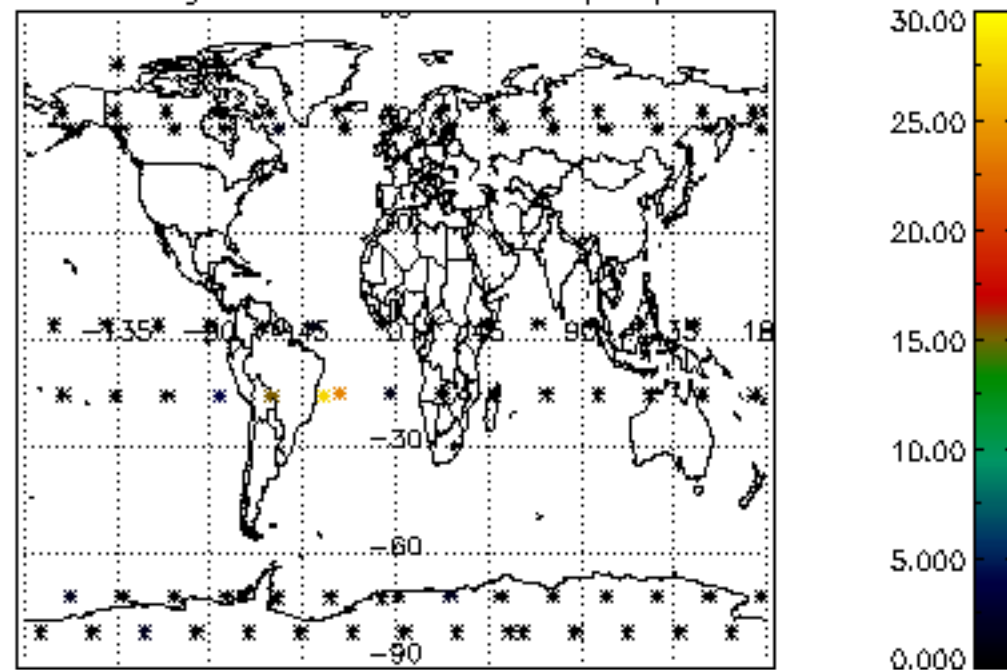
Percentage of datation errors per profile



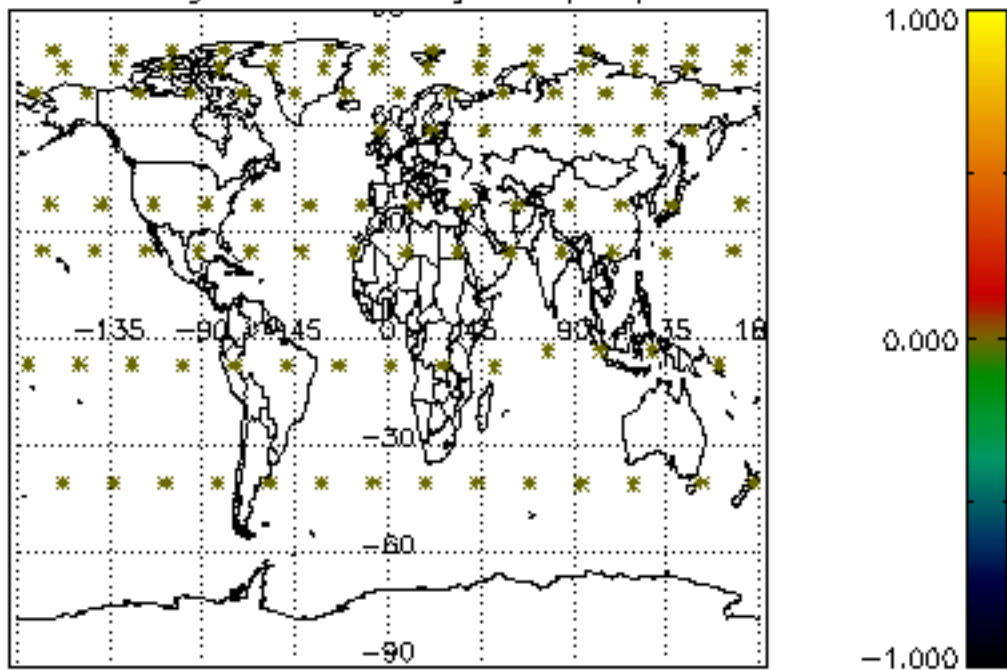
Percentage of star falling outside central band per profile



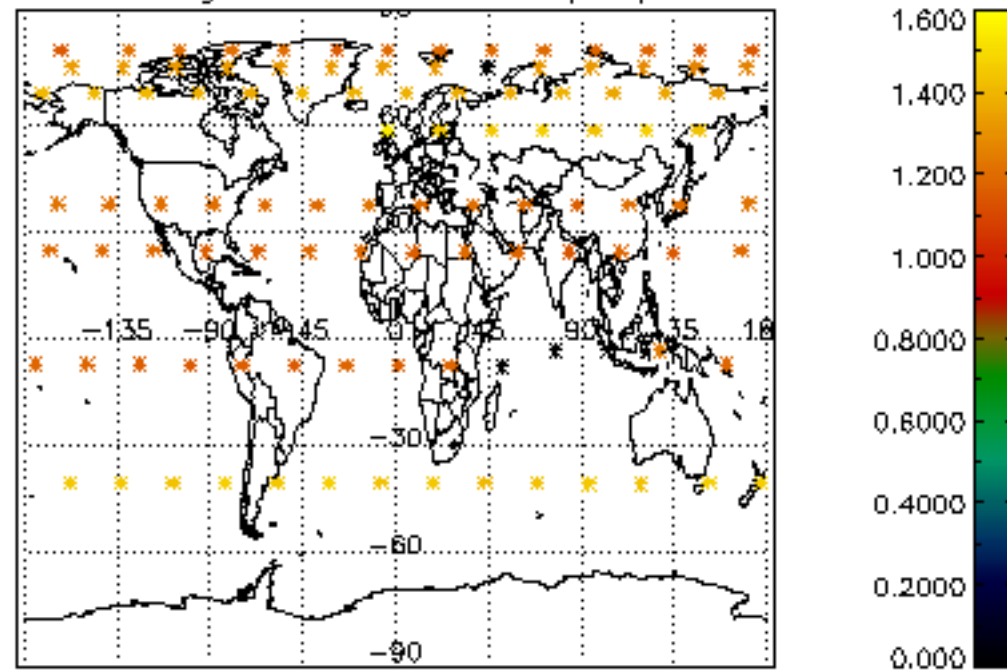
Percentage of saturation errors per profile



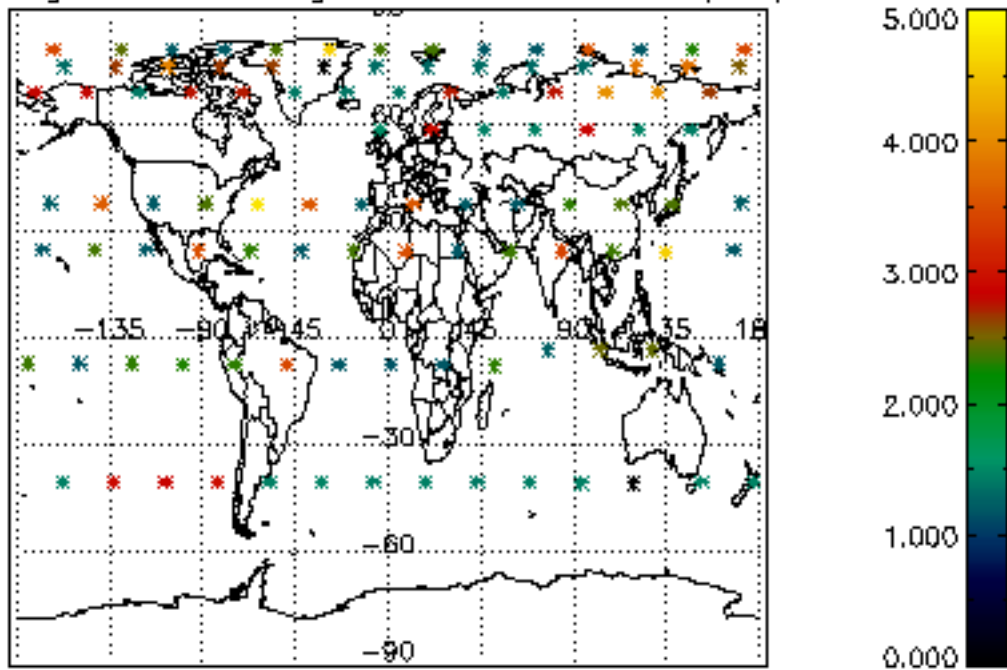
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

