

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	18APR2013 10:40:36
Data source version	GOMOS/6.01
Start time of products	31-08-2005 (31AUG2005 00:00:00)
Stop time of products	01-09-2005 (01SEP2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	174
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__2PRFIN20050831_000002_00000412040_00216_18306_6273.N1	31-AUG-2005 00:00:02	Dark	40.500	88	31Eta CMa	2.4480	20000.	81	18306	No
2	GOM_NL__2PRFIN20050831_000213_000000382040_00216_18306_6274.N1	31-AUG-2005 00:02:13	Dark	37.500	70	Zet Pup	2.2460	39000.	75	18306	No
3	GOM_NL__2PRFIN20050831_000723_000000072040_00216_18306_6275.N1	31-AUG-2005 00:07:23	Dark	7.0000	2	Alp Car	-0.73600	7000.0	14	18306	No
4	GOM_NL__2PRFIN20050831_001748_000000372040_00217_18307_6266.N1	31-AUG-2005 00:17:48	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18307	No
5	GOM_NL__2PRFIN20050831_002322_000000382040_00217_18307_6267.N1	31-AUG-2005 00:23:22	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	18307	No
6	GOM_NL__2PRFIN20050831_002702_000000422040_00217_18307_6268.N1	31-AUG-2005 00:27:02	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	18307	No
7	GOM_NL__2PRFIN20050831_004409_000000382040_00217_18307_6269.N1	31-AUG-2005 00:44:09	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	18307	No
8	GOM_NL__2PRFIN20050831_005219_000000352040_00217_18307_6270.N1	31-AUG-2005 00:52:19	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	18307	No
9	GOM_NL__2PRFIN20050831_005402_000000372040_00217_18307_6271.N1	31-AUG-2005 00:54:02	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	18307	No
10	GOM_NL__2PRFIN20050831_010557_000000372040_00217_18307_6272.N1	31-AUG-2005 01:05:57	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18307	No
11	GOM_NL__2PRFIN20050831_011235_000000532040_00217_18307_6273.N1	31-AUG-2005 01:12:35	Bright	52.500	36	50Alp UMa	1.8000	6300.0	105	18307	No
12	GOM_NL__2PRFIN20050831_013830_000000392040_00217_18307_6274.N1	31-AUG-2005 01:38:30	Dark	39.000	132	15Rho Pup	2.8030	6900.0	78	18307	No
13	GOM_NL__2PRFIN20050831_014038_000000412040_00217_18307_6275.N1	31-AUG-2005 01:40:38	Dark	40.500	88	31Eta CMa	2.4480	20000.	81	18307	No
14	GOM_NL__2PRFIN20050831_014249_000000402040_00217_18307_6276.N1	31-AUG-2005 01:42:49	Dark	39.500	70	Zet Pup	2.2460	39000.	79	18307	No
15	GOM_NL__2PRFIN20050831_014759_000000072040_00217_18307_6277.N1	31-AUG-2005 01:47:59	Dark	7.0000	2	Alp Car	-0.73600	7000.0	14	18307	No
16	GOM_NL__2PRFIN20050831_015825_000000372040_00218_18308_6269.N1	31-AUG-2005 01:58:25	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18308	No
17	GOM_NL__2PRFIN20050831_020358_000000422040_00218_18308_6270.N1	31-AUG-2005 02:03:58	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	18308	No
18	GOM_NL__2PRFIN20050831_020738_000000382040_00218_18308_6271.N1	31-AUG-2005 02:07:38	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	18308	No
19	GOM_NL__2PRFIN20050831_022445_000000382040_00218_18308_6272.N1	31-AUG-2005 02:24:45	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	18308	No
20	GOM_NL__2PRFIN20050831_023255_000000342040_00218_18308_6273.N1	31-AUG-2005 02:32:55	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	18308	No
21	GOM_NL__2PRFIN20050831_023438_000000342040_00218_18308_6274.N1	31-AUG-2005 02:34:38	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	18308	No
22	GOM_NL__2PRFIN20050831_024633_000000362040_00218_18308_6275.N1	31-AUG-2005 02:46:33	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	18308	No
23	GOM_NL__2PRFIN20050831_025311_000000372040_00218_18308_6276.N1	31-AUG-2005 02:53:11	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	18308	No
24	GOM_NL__2PRFIN20050831_031907_000000352040_00218_18308_6277.N1	31-AUG-2005 03:19:07	Dark	34.500	132	15Rho Pup	2.8030	6900.0	69	18308	No
25	GOM_NL__2PRFIN20050831_032115_000000412040_00218_18308_6278.N1	31-AUG-2005 03:21:15	Dark	41.000	88	31Eta CMa	2.4480	20000.	82	18308	No
26	GOM_NL__2PRFIN20050831_032325_000000392040_00218_18308_6279.N1	31-AUG-2005 03:23:25	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18308	No
27	GOM_NL__2PRFIN20050831_032728_000000432040_00218_18308_6280.N1	31-AUG-2005 03:27:28	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	18308	No
28	GOM_NL__2PRFIN20050831_033901_000000382040_00219_18309_6272.N1	31-AUG-2005 03:39:01	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18309	No
29	GOM_NL__2PRFIN20050831_034435_000000412040_00219_18309_6273.N1	31-AUG-2005 03:44:35	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	18309	No
30	GOM_NL__2PRFIN20050831_034814_000000442040_00219_18309_6274.N1	31-AUG-2005 03:48:14	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	18309	No
31	GOM_NL__2PRFIN20050831_040522_000000382040_00219_18309_6275.N1	31-AUG-2005 04:05:22	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	18309	No
32	GOM_NL__2PRFIN20050831_041331_000000372040_00219_18309_6276.N1	31-AUG-2005 04:13:31	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	18309	No
33	GOM_NL__2PRFIN20050831_041515_000000352040_00219_18309_6277.N1	31-AUG-2005 04:15:15	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18309	No
34	GOM_NL__2PRFIN20050831_042710_000000342040_00219_18309_6278.N1	31-AUG-2005 04:27:10	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	18309	No
35	GOM_NL__2PRFIN20050831_043347_000000372040_00219_18309_6279.N1	31-AUG-2005 04:33:47	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18309	No
36	GOM_NL__2PRFIN20050831_045943_000000342040_00219_18309_6280.N1	31-AUG-2005 04:59:43	Dark	34.000	132	15Rho Pup	2.8030	6900.0	68	18309	No
37	GOM_NL__2PRFIN20050831_050151_000000412040_00219_18309_6281.N1	31-AUG-2005 05:01:51	Dark	41.000	88	31Eta CMa	2.4480	20000.	82	18309	No
38	GOM_NL__2PRFIN20050831_050402_000000392040_00219_18309_6282.N1	31-AUG-2005 05:04:02	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18309	No
39	GOM_NL__2PRFIN20050831_050804_000000402040_00219_18309_6283.N1	31-AUG-2005 05:08:04	Dark	39.500	161	Tau Pup	2.9310	4500.0	79	18309	No
40	GOM_NL__2PRFIN20050831_051937_000000392040_00220_18310_6275.N1	31-AUG-2005 05:19:37	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	18310	No
41	GOM_NL__2PRFIN20050831_052511_000000452040_00220_18310_6276.N1	31-AUG-2005 05:25:11	Straylight	45.000	148	Alp Tuc	2.8780	4100.0	90	18310	No
42	GOM_NL__2PRFIN20050831_052850_000000382040_00220_18310_6277.N1	31-AUG-2005 05:28:50	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	18310	No

43	GOM_NL__2PRFIN20050831_054558_000000392040_00220_18310_6278.N1	31-AUG-2005 05:45:58	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	18310	No
44	GOM_NL__2PRFIN20050831_055408_000000362040_00220_18310_6279.N1	31-AUG-2005 05:54:08	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	18310	No
45	GOM_NL__2PRFIN20050831_055551_000000362040_00220_18310_6280.N1	31-AUG-2005 05:55:51	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18310	No
46	GOM_NL__2PRFIN20050831_060746_000000352040_00220_18310_6281.N1	31-AUG-2005 06:07:46	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	18310	No
47	GOM_NL__2PRFIN20050831_061424_000000372040_00220_18310_6282.N1	31-AUG-2005 06:14:24	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	18310	No
48	GOM_NL__2PRFIN20050831_064019_000000372040_00220_18310_6283.N1	31-AUG-2005 06:40:19	Dark	36.500	132	15Rho Pup	2.8030	6900.0	73	18310	No
49	GOM_NL__2PRFIN20050831_064227_000000152040_00220_18310_6284.N1	31-AUG-2005 06:42:27	Dark	15.000	88	31Eta CMa	2.4480	20000.	30	18310	No
50	GOM_NL__2PRFIN20050831_064438_000000392040_00220_18310_6285.N1	31-AUG-2005 06:44:38	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18310	No
51	GOM_NL__2PRFIN20050831_064840_000000422040_00220_18310_6286.N1	31-AUG-2005 06:48:40	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	18310	No
52	GOM_NL__2PRFIN20050831_070013_000000372040_00221_18311_6279.N1	31-AUG-2005 07:00:13	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18311	No
53	GOM_NL__2PRFIN20050831_070547_000000472040_00221_18311_6280.N1	31-AUG-2005 07:05:47	Straylight	47.000	148	Alp Tuc	2.8780	4100.0	94	18311	No
54	GOM_NL__2PRFIN20050831_070927_000000392040_00221_18311_6281.N1	31-AUG-2005 07:09:27	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	18311	No
55	GOM_NL__2PRFIN20050831_072634_000000402040_00221_18311_6282.N1	31-AUG-2005 07:26:34	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	18311	No
56	GOM_NL__2PRFIN20050831_073444_000000372040_00221_18311_6283.N1	31-AUG-2005 07:34:44	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	18311	No
57	GOM_NL__2PRFIN20050831_073627_000000352040_00221_18311_6284.N1	31-AUG-2005 07:36:27	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18311	No
58	GOM_NL__2PRFIN20050831_074822_000000362040_00221_18311_6285.N1	31-AUG-2005 07:48:22	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18311	No
59	GOM_NL__2PRFIN20050831_075500_000000362040_00221_18311_6286.N1	31-AUG-2005 07:55:00	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	18311	No
60	GOM_NL__2PRFIN20050831_082055_000000362040_00221_18311_6287.N1	31-AUG-2005 08:20:55	Dark	36.000	132	15Rho Pup	2.8030	6900.0	72	18311	No
61	GOM_NL__2PRFIN20050831_082304_000000152040_00221_18311_6288.N1	31-AUG-2005 08:23:04	Dark	15.000	88	31Eta CMa	2.4480	20000.	30	18311	No
62	GOM_NL__2PRFIN20050831_082514_000000402040_00221_18311_6289.N1	31-AUG-2005 08:25:14	Dark	39.500	70	Zet Pup	2.2460	39000.	79	18311	No
63	GOM_NL__2PRFIN20050831_082917_000000392040_00221_18311_6290.N1	31-AUG-2005 08:29:17	Dark	39.000	161	Tau Pup	2.9310	4500.0	78	18311	No
64	GOM_NL__2PRFIN20050831_084049_000000392040_00222_18312_6263.N1	31-AUG-2005 08:40:49	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	18312	No
65	GOM_NL__2PRFIN20050831_084623_000000382040_00222_18312_6264.N1	31-AUG-2005 08:46:23	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	18312	No
66	GOM_NL__2PRFIN20050831_085003_000000382040_00222_18312_6265.N1	31-AUG-2005 08:50:03	Straylight	37.500	31	Alp Gru	1.7340	15200.	75	18312	No
67	GOM_NL__2PRFIN20050831_085253_000000122040_00222_18312_6266.N1	31-AUG-2005 08:52:53	Straylight	11.500	172	Gam Gru	3.0030	13100.	23	18312	No
68	GOM_NL__2PRFIN20050831_090710_000000402040_00222_18312_6267.N1	31-AUG-2005 09:07:10	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	18312	No
69	GOM_NL__2PRFIN20050831_091520_000000382040_00222_18312_6268.N1	31-AUG-2005 09:15:20	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	18312	No
70	GOM_NL__2PRFIN20050831_091703_000000362040_00222_18312_6269.N1	31-AUG-2005 09:17:03	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18312	No
71	GOM_NL__2PRFIN20050831_092858_000000342040_00222_18312_6270.N1	31-AUG-2005 09:28:58	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	18312	No
72	GOM_NL__2PRFIN20050831_093536_000000352040_00222_18312_6271.N1	31-AUG-2005 09:35:36	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	18312	No
73	GOM_NL__2PRFIN20050831_100131_000000412040_00222_18312_6272.N1	31-AUG-2005 10:01:31	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	18312	No
74	GOM_NL__2PRFIN20050831_100550_000000392040_00222_18312_6273.N1	31-AUG-2005 10:05:50	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18312	No
75	GOM_NL__2PRFIN20050831_100953_000000422040_00222_18312_6274.N1	31-AUG-2005 10:09:53	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	18312	No
76	GOM_NL__2PRFIN20050831_102125_000000382040_00223_18313_6266.N1	31-AUG-2005 10:21:25	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18313	No
77	GOM_NL__2PRFIN20050831_102659_000000422040_00223_18313_6267.N1	31-AUG-2005 10:26:59	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	18313	No
78	GOM_NL__2PRFIN20050831_103039_000000412040_00223_18313_6268.N1	31-AUG-2005 10:30:39	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	18313	No
79	GOM_NL__2PRFIN20050831_103329_000000122040_00223_18313_6269.N1	31-AUG-2005 10:33:29	Straylight	11.500	172	Gam Gru	3.0030	13100.	23	18313	No
80	GOM_NL__2PRFIN20050831_104747_000000392040_00223_18313_6270.N1	31-AUG-2005 10:47:47	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	18313	No
81	GOM_NL__2PRFIN20050831_105556_000000362040_00223_18313_6271.N1	31-AUG-2005 10:55:56	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	18313	No
82	GOM_NL__2PRFIN20050831_105739_000000352040_00223_18313_6272.N1	31-AUG-2005 10:57:39	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18313	No
83	GOM_NL__2PRFIN20050831_110935_000000362040_00223_18313_6273.N1	31-AUG-2005 11:09:35	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18313	No
84	GOM_NL__2PRFIN20050831_111612_000000352040_00223_18313_6274.N1	31-AUG-2005 11:16:12	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	18313	No
85	GOM_NL__2PRFIN20050831_114207_000000402040_00223_18313_6275.N1	31-AUG-2005 11:42:07	Dark	39.500	132	15Rho Pup	2.8030	6900.0	79	18313	No
86	GOM_NL__2PRFIN20050831_114626_000000372040_00223_18313_6276.N1	31-AUG-2005 11:46:26	Dark	37.000	70	Zet Pup	2.2460	39000.	74	18313	No
87	GOM_NL__2PRFIN20050831_115029_000000402040_00223_18313_6277.N1	31-AUG-2005 11:50:29	Dark	40.000	161	Tau Pup	2.9310	4500.0	80	18313	No
88	GOM_NL__2PRFIN20050831_120201_000000362040_00224_18314_6271.N1	31-AUG-2005 12:02:01	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	18314	No
89	GOM_NL__2PRFIN20050831_120736_000000462040_00224_18314_6272.N1	31-AUG-2005 12:07:36	Straylight	45.500	148	Alp Tuc	2.8780	4100.0	91	18314	No
90	GOM_NL__2PRFIN20050831_121115_000000412040_00224_18314_6273.N1	31-AUG-2005 12:11:15	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	18314	No
91	GOM_NL__2PRFIN20050831_121405_000000242040_00224_18314_6274.N1	31-AUG-2005 12:14:05	Straylight	23.500	172	Gam Gru	3.0030	13100.	47	18314	No
92	GOM_NL__2PRFIN20050831_122823_000000362040_00224_18314_6275.N1	31-AUG-2005 12:28:23	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18314	No
93	GOM_NL__2PRFIN20050831_123632_000000352040_00224_18314_6276.N1	31-AUG-2005 12:36:32	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	18314	No
94	GOM_NL__2PRFIN20050831_123815_000000352040_00224_18314_6277.N1	31-AUG-2005 12:38:15	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18314	No
95	GOM_NL__2PRFIN20050831_125011_000000372040_00224_18314_6278.N1	31-AUG-2005 12:50:11	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18314	No
96	GOM_NL__2PRFIN20050831_125648_000000342040_00224_18314_6279.N1	31-AUG-2005 12:56:48	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	18314	No
97	GOM_NL__2PRFIN20050831_132243_000000392040_00224_18314_6280.N1	31-AUG-2005 13:22:43	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	18314	No
98	GOM_NL__2PRFIN20050831_132702_000000402040_00224_18314_6281.N1	31-AUG-2005 13:27:02	Dark	39.500	70	Zet Pup	2.2460	39000.	79	18314	No
99	GOM_NL__2PRFIN20050831_133214_000000052040_00224_18314_6282.N1	31-AUG-2005 13:32:14	Dark	5.0000	41	Eps Car	1.8600	4100.0	10	18314	No
100	GOM_NL__2PRFIN20050831_134238_000000382040_00225_18315_6274.N1	31-AUG-2005 13:42:38	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18315	No
101	GOM_NL__2PRFIN20050831_134812_000000392040_00225_18315_6275.N1	31-AUG-2005 13:48:12	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	18315	No

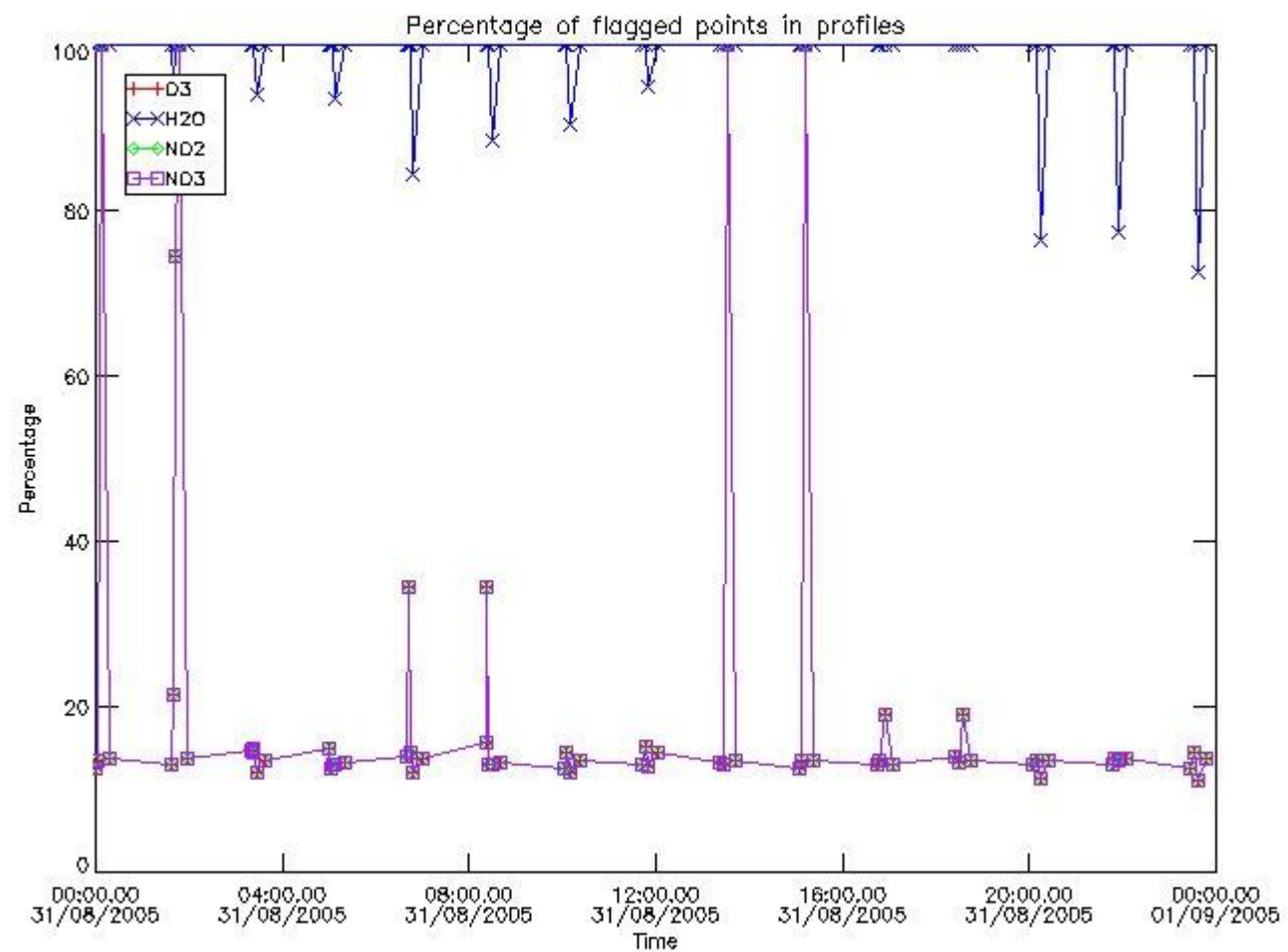
102	GOM_NL__2PRFIN20050831_135151_000000452040_00225_18315_6276.N1	31-AUG-2005 13:51:51	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	18315	No
103	GOM_NL__2PRFIN20050831_135441_000000242040_00225_18315_6277.N1	31-AUG-2005 13:54:41	Straylight	23.500	172	Gam Gru	3.0030	13100.	47	18315	No
104	GOM_NL__2PRFIN20050831_140859_000000362040_00225_18315_6278.N1	31-AUG-2005 14:08:59	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18315	No
105	GOM_NL__2PRFIN20050831_141708_000000342040_00225_18315_6279.N1	31-AUG-2005 14:17:08	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	18315	No
106	GOM_NL__2PRFIN20050831_141852_000000342040_00225_18315_6280.N1	31-AUG-2005 14:18:52	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	18315	No
107	GOM_NL__2PRFIN20050831_143047_000000382040_00225_18315_6281.N1	31-AUG-2005 14:30:47	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	18315	No
108	GOM_NL__2PRFIN20050831_143725_000000362040_00225_18315_6282.N1	31-AUG-2005 14:37:25	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	18315	No
109	GOM_NL__2PRFIN20050831_150320_000000412040_00225_18315_6283.N1	31-AUG-2005 15:03:20	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	18315	No
110	GOM_NL__2PRFIN20050831_150738_000000382040_00225_18315_6284.N1	31-AUG-2005 15:07:38	Dark	37.500	70	Zet Pup	2.2460	39000.	75	18315	No
111	GOM_NL__2PRFIN20050831_151250_000000052040_00225_18315_6285.N1	31-AUG-2005 15:12:50	Dark	5.0000	41	Eps Car	1.8600	4100.0	10	18315	No
112	GOM_NL__2PRFIN20050831_152314_000000382040_00226_18316_6257.N1	31-AUG-2005 15:23:14	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18316	No
113	GOM_NL__2PRFIN20050831_152848_000000382040_00226_18316_6258.N1	31-AUG-2005 15:28:48	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	18316	No
114	GOM_NL__2PRFIN20050831_153227_000000392040_00226_18316_6259.N1	31-AUG-2005 15:32:27	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	18316	No
115	GOM_NL__2PRFIN20050831_153518_000000362040_00226_18316_6260.N1	31-AUG-2005 15:35:18	Straylight	36.000	172	Gam Gru	3.0030	13100.	72	18316	No
116	GOM_NL__2PRFIN20050831_154935_000000362040_00226_18316_6261.N1	31-AUG-2005 15:49:35	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18316	No
117	GOM_NL__2PRFIN20050831_155744_000000372040_00226_18316_6262.N1	31-AUG-2005 15:57:44	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	18316	No
118	GOM_NL__2PRFIN20050831_155928_000000342040_00226_18316_6263.N1	31-AUG-2005 15:59:28	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	18316	No
119	GOM_NL__2PRFIN20050831_161123_000000362040_00226_18316_6264.N1	31-AUG-2005 16:11:23	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18316	No
120	GOM_NL__2PRFIN20050831_161801_000000362040_00226_18316_6265.N1	31-AUG-2005 16:18:01	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	18316	No
121	GOM_NL__2PRFIN20050831_164356_000000402040_00226_18316_6266.N1	31-AUG-2005 16:43:56	Dark	39.500	132	15Rho Pup	2.8030	6900.0	79	18316	No
122	GOM_NL__2PRFIN20050831_164814_000000382040_00226_18316_6267.N1	31-AUG-2005 16:48:14	Dark	38.000	70	Zet Pup	2.2460	39000.	76	18316	No
123	GOM_NL__2PRFIN20050831_165326_000000272040_00226_18316_6268.N1	31-AUG-2005 16:53:26	Dark	27.000	41	Eps Car	1.8600	4100.0	54	18316	No
124	GOM_NL__2PRFIN20050831_170350_000000402040_00227_18317_6262.N1	31-AUG-2005 17:03:50	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	18317	No
125	GOM_NL__2PRFIN20050831_170924_000000432040_00227_18317_6263.N1	31-AUG-2005 17:09:24	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	18317	No
126	GOM_NL__2PRFIN20050831_171304_000000432040_00227_18317_6264.N1	31-AUG-2005 17:13:04	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	18317	No
127	GOM_NL__2PRFIN20050831_171554_000000362040_00227_18317_6265.N1	31-AUG-2005 17:15:54	Straylight	36.000	172	Gam Gru	3.0030	13100.	72	18317	No
128	GOM_NL__2PRFIN20050831_173011_000000372040_00227_18317_6266.N1	31-AUG-2005 17:30:11	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	18317	No
129	GOM_NL__2PRFIN20050831_173820_000000352040_00227_18317_6267.N1	31-AUG-2005 17:38:20	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	18317	No
130	GOM_NL__2PRFIN20050831_174004_000000362040_00227_18317_6268.N1	31-AUG-2005 17:40:04	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18317	No
131	GOM_NL__2PRFIN20050831_175200_000000362040_00227_18317_6269.N1	31-AUG-2005 17:52:00	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18317	No
132	GOM_NL__2PRFIN20050831_175837_000000352040_00227_18317_6270.N1	31-AUG-2005 17:58:37	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	18317	No
133	GOM_NL__2PRFIN20050831_182432_000000402040_00227_18317_6271.N1	31-AUG-2005 18:24:32	Dark	40.000	132	15Rho Pup	2.8030	6900.0	80	18317	No
134	GOM_NL__2PRFIN20050831_182850_000000392040_00227_18317_6272.N1	31-AUG-2005 18:28:50	Dark	38.500	70	Zet Pup	2.2460	39000.	77	18317	No
135	GOM_NL__2PRFIN20050831_183402_000000272040_00227_18317_6273.N1	31-AUG-2005 18:34:02	Dark	27.000	41	Eps Car	1.8600	4100.0	54	18317	No
136	GOM_NL__2PRFIN20050831_184426_000000382040_00228_18318_6264.N1	31-AUG-2005 18:44:26	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18318	No
137	GOM_NL__2PRFIN20050831_185000_000000452040_00228_18318_6265.N1	31-AUG-2005 18:50:00	Straylight	44.500	148	Alp Tuc	2.8780	4100.0	89	18318	No
138	GOM_NL__2PRFIN20050831_185340_000000412040_00228_18318_6266.N1	31-AUG-2005 18:53:40	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	18318	No
139	GOM_NL__2PRFIN20050831_185630_000000382040_00228_18318_6267.N1	31-AUG-2005 18:56:30	Straylight	37.500	172	Gam Gru	3.0030	13100.	75	18318	No
140	GOM_NL__2PRFIN20050831_191048_000000372040_00228_18318_6268.N1	31-AUG-2005 19:10:48	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	18318	No
141	GOM_NL__2PRFIN20050831_191856_000000362040_00228_18318_6269.N1	31-AUG-2005 19:18:56	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	18318	No
142	GOM_NL__2PRFIN20050831_192040_000000352040_00228_18318_6270.N1	31-AUG-2005 19:20:40	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18318	No
143	GOM_NL__2PRFIN20050831_193236_000000362040_00228_18318_6271.N1	31-AUG-2005 19:32:36	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18318	No
144	GOM_NL__2PRFIN20050831_193913_000000352040_00228_18318_6272.N1	31-AUG-2005 19:39:13	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	18318	No
145	GOM_NL__2PRFIN20050831_200508_000000402040_00228_18318_6273.N1	31-AUG-2005 20:05:08	Dark	39.500	132	15Rho Pup	2.8030	6900.0	79	18318	No
146	GOM_NL__2PRFIN20050831_200926_000000382040_00228_18318_6274.N1	31-AUG-2005 20:09:26	Dark	37.500	70	Zet Pup	2.2460	39000.	75	18318	No
147	GOM_NL__2PRFIN20050831_201438_000000452040_00228_18318_6275.N1	31-AUG-2005 20:14:38	Dark	45.000	41	Eps Car	1.8600	4100.0	90	18318	No
148	GOM_NL__2PRFIN20050831_202502_000000382040_00229_18319_6301.N1	31-AUG-2005 20:25:02	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18319	No
149	GOM_NL__2PRFIN20050831_203036_000000382040_00229_18319_6302.N1	31-AUG-2005 20:30:36	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	18319	No
150	GOM_NL__2PRFIN20050831_203416_000000422040_00229_18319_6303.N1	31-AUG-2005 20:34:16	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	18319	No
151	GOM_NL__2PRFIN20050831_203706_000000372040_00229_18319_6304.N1	31-AUG-2005 20:37:06	Straylight	36.500	172	Gam Gru	3.0030	13100.	73	18319	No
152	GOM_NL__2PRFIN20050831_205124_000000392040_00229_18319_6305.N1	31-AUG-2005 20:51:24	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	18319	No
153	GOM_NL__2PRFIN20050831_205932_000000362040_00229_18319_6306.N1	31-AUG-2005 20:59:32	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	18319	No
154	GOM_NL__2PRFIN20050831_210116_000000352040_00229_18319_6307.N1	31-AUG-2005 21:01:16	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18319	No
155	GOM_NL__2PRFIN20050831_211312_000000382040_00229_18319_6308.N1	31-AUG-2005 21:13:12	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	18319	No
156	GOM_NL__2PRFIN20050831_211950_000000342040_00229_18319_6309.N1	31-AUG-2005 21:19:50	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	18319	No
157	GOM_NL__2PRFIN20050831_214544_000000392040_00229_18319_6310.N1	31-AUG-2005 21:45:44	Dark	39.000	132	15Rho Pup	2.8030	6900.0	78	18319	No
158	GOM_NL__2PRFIN20050831_215003_000000372040_00229_18319_6311.N1	31-AUG-2005 21:50:03	Dark	37.000	70	Zet Pup	2.2460	39000.	74	18319	No
159	GOM_NL__2PRFIN20050831_215514_000000382040_00229_18319_6312.N1	31-AUG-2005 21:55:14	Dark	38.000	41	Eps Car	1.8600	4100.0	76	18319	No
160	GOM_NL__2PRFIN20050831_220538_000000372040_00230_18320_6301.N1	31-AUG-2005 22:05:38	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18320	No

161	GOM_NL__2PRFIN20050831_221113_000000362040_00230_18320_6302.N1	31-AUG-2005 22:11:13	Straylight	36.000	148	Alp Tuc	2.8780	4100.0	72	18320	No
162	GOM_NL__2PRFIN20050831_221452_000000432040_00230_18320_6303.N1	31-AUG-2005 22:14:52	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	18320	No
163	GOM_NL__2PRFIN20050831_221742_000000392040_00230_18320_6304.N1	31-AUG-2005 22:17:42	Straylight	38.500	172	Gam Gru	3.0030	13100.	77	18320	No
164	GOM_NL__2PRFIN20050831_224008_000000342040_00230_18320_6305.N1	31-AUG-2005 22:40:08	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	18320	No
165	GOM_NL__2PRFIN20050831_224153_000000362040_00230_18320_6306.N1	31-AUG-2005 22:41:53	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	18320	No
166	GOM_NL__2PRFIN20050831_225348_000000362040_00230_18320_6307.N1	31-AUG-2005 22:53:48	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	18320	No
167	GOM_NL__2PRFIN20050831_230026_000000362040_00230_18320_6308.N1	31-AUG-2005 23:00:26	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	18320	No
168	GOM_NL__2PRFIN20050831_232620_000000412040_00230_18320_6309.N1	31-AUG-2005 23:26:20	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	18320	No
169	GOM_NL__2PRFIN20050831_233039_000000392040_00230_18320_6310.N1	31-AUG-2005 23:30:39	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18320	No
170	GOM_NL__2PRFIN20050831_233550_000000462040_00230_18320_6311.N1	31-AUG-2005 23:35:50	Dark	46.000	41	Eps Car	1.8600	4100.0	92	18320	No
171	GOM_NL__2PRFIN20050831_234614_000000372040_00231_18321_6302.N1	31-AUG-2005 23:46:14	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18321	No
172	GOM_NL__2PRFIN20050831_235149_000000412040_00231_18321_6303.N1	31-AUG-2005 23:51:49	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	18321	No
173	GOM_NL__2PRFIN20050831_235528_000000412040_00231_18321_6304.N1	31-AUG-2005 23:55:28	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	18321	No
174	GOM_NL__2PRFIN20050831_235818_000000382040_00231_18321_6305.N1	31-AUG-2005 23:58:18	Straylight	37.500	172	Gam Gru	3.0030	13100.	75	18321	No

3. Quality information per product

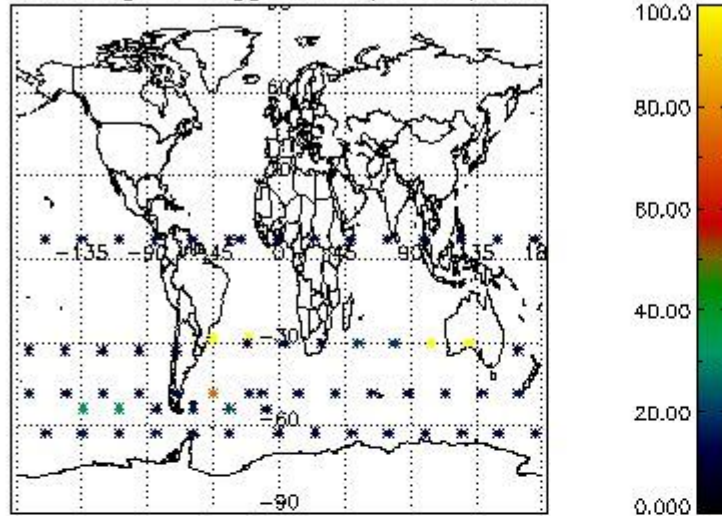
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

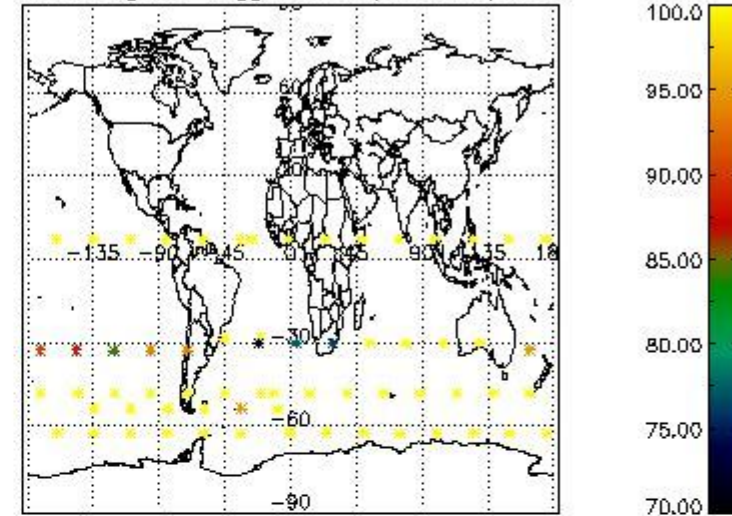


3.2 Plot quality information per product (world map)

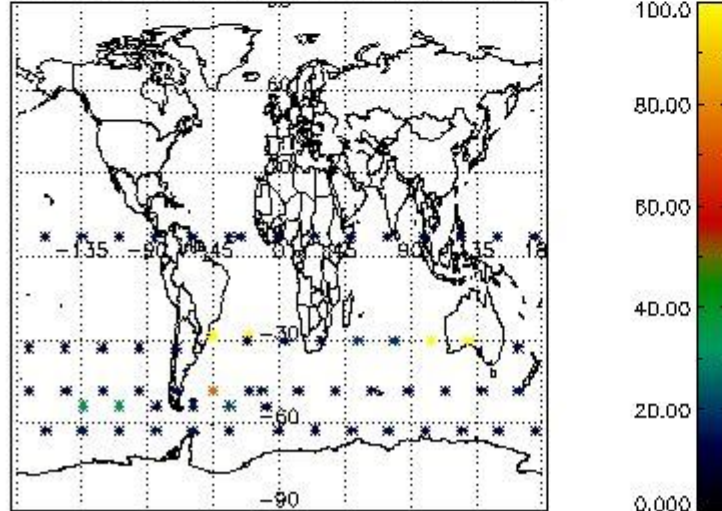
Percentage of flagged data per O3 profile



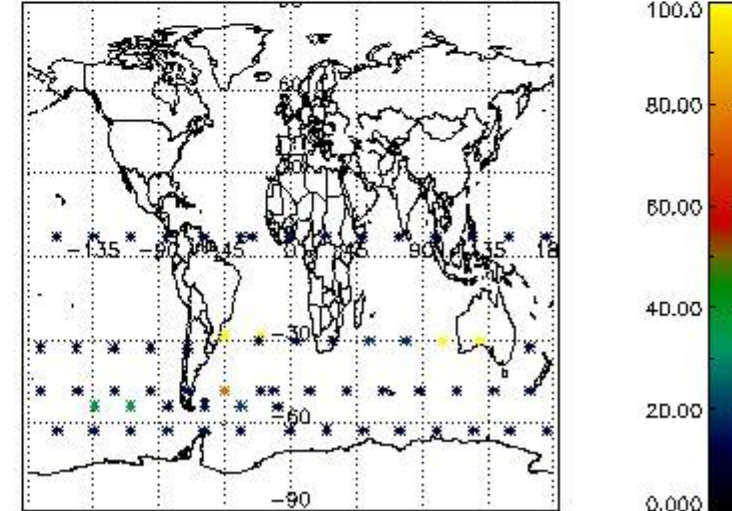
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

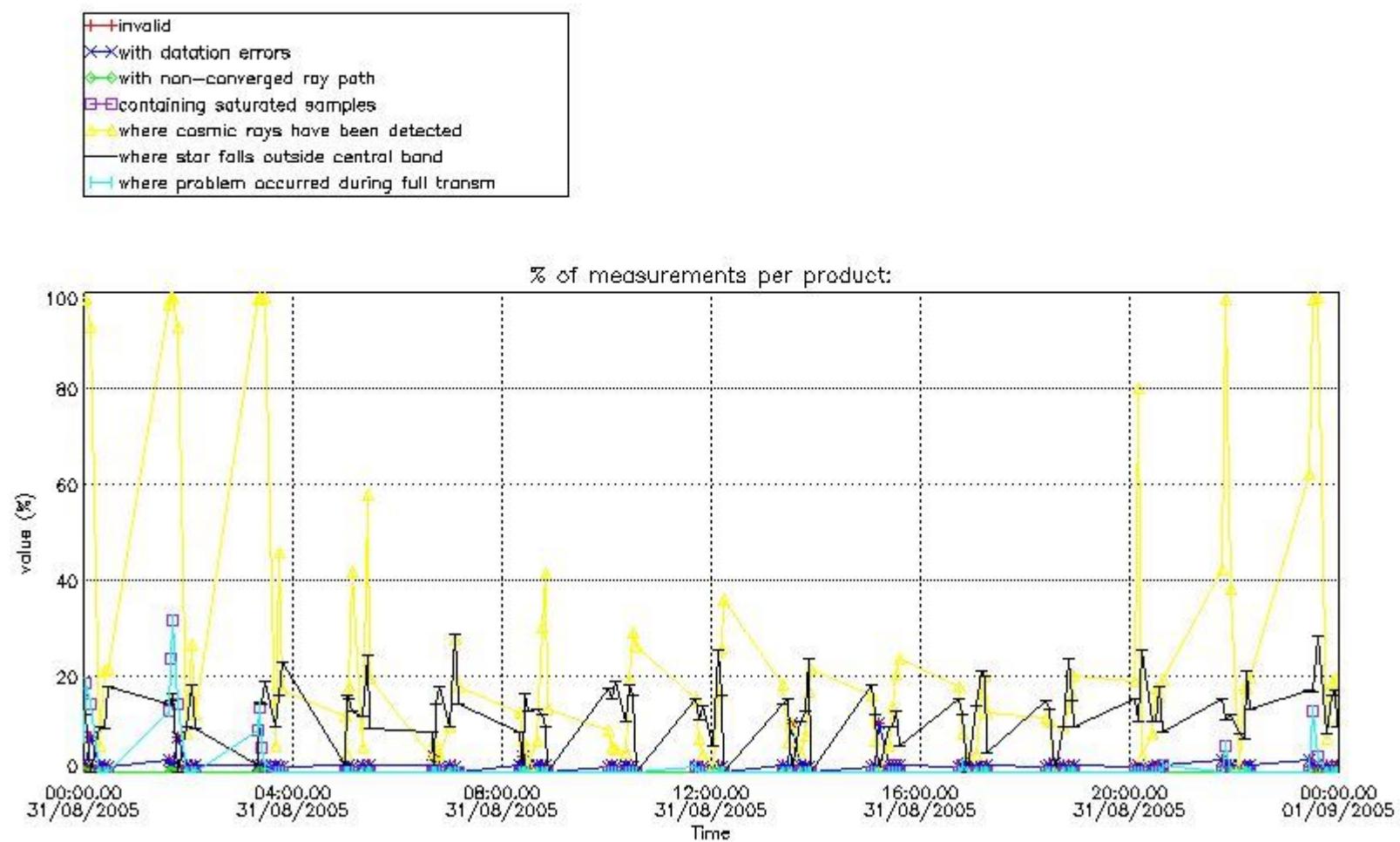


4. Level 1 quality information per product

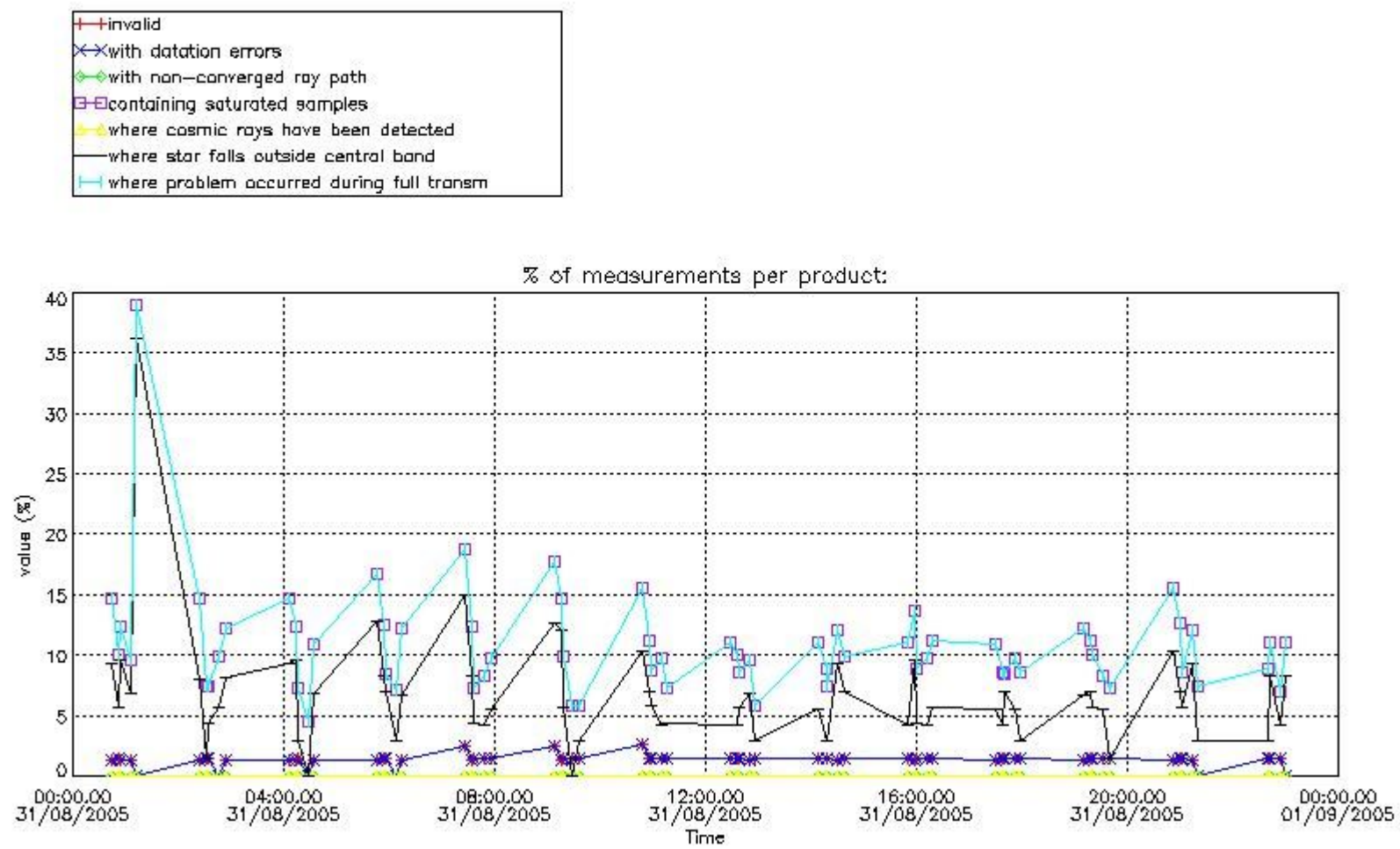
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



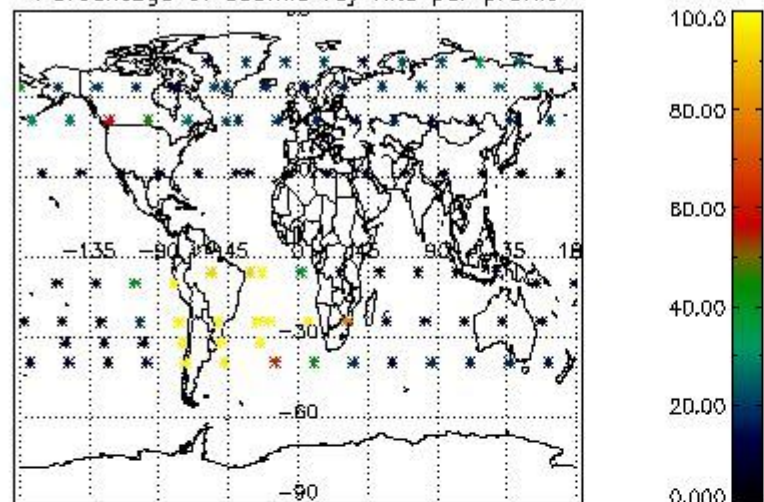
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



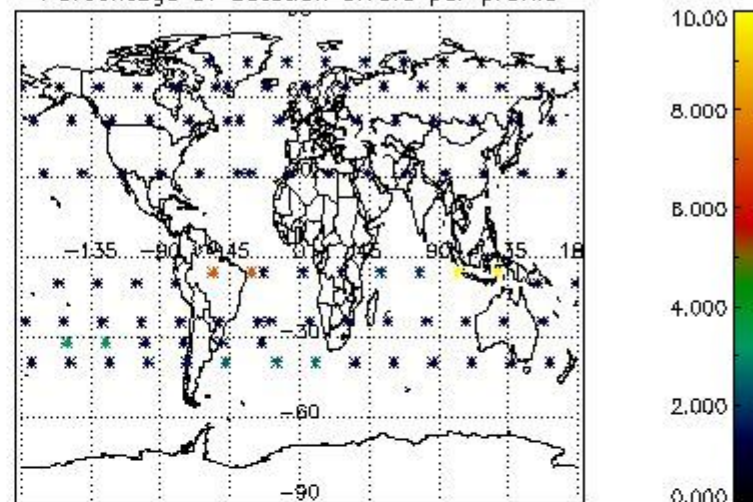
4.2 Plot quality information per product coming from level 1b processing (world map)

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

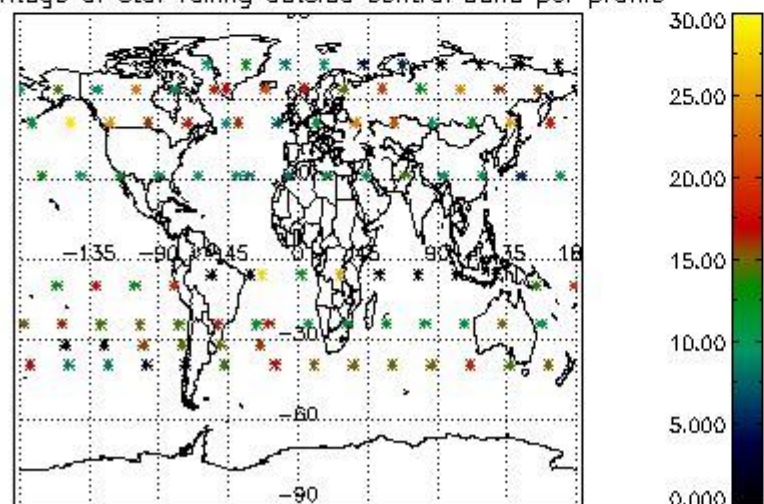
Percentage of cosmic ray hits per profile



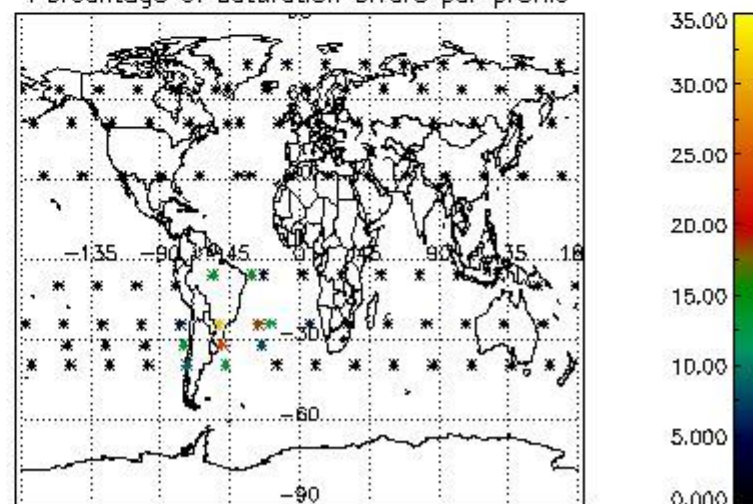
Percentage of datation errors per profile



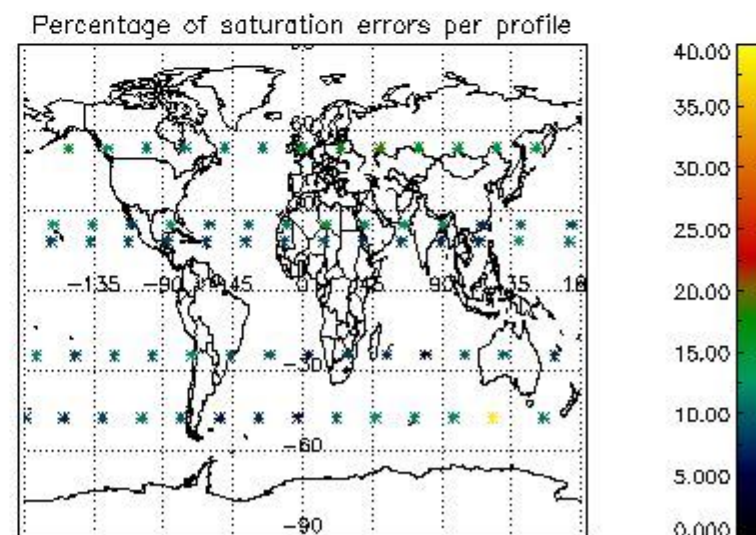
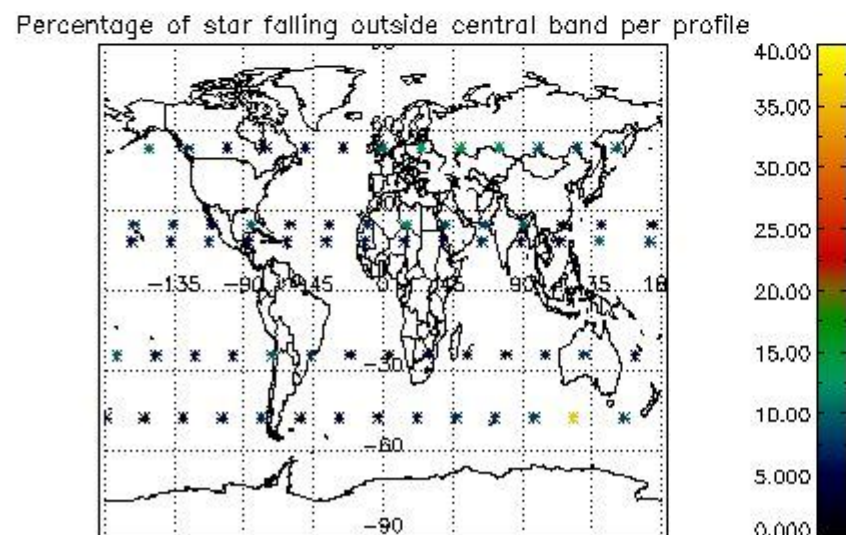
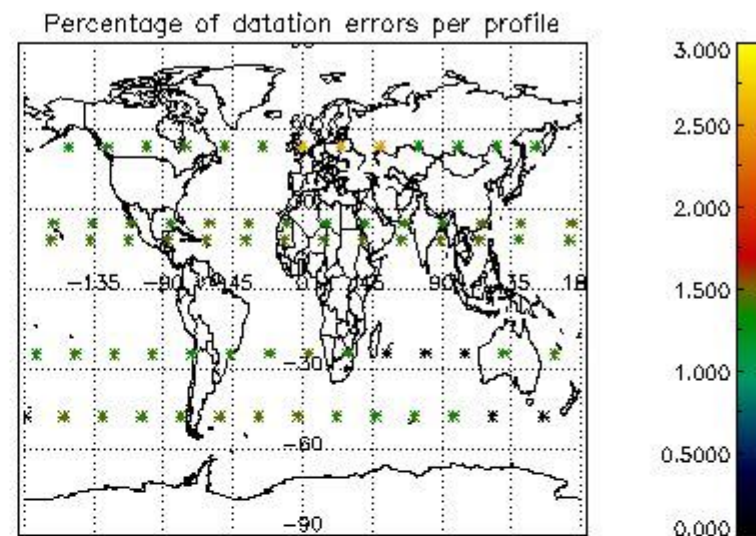
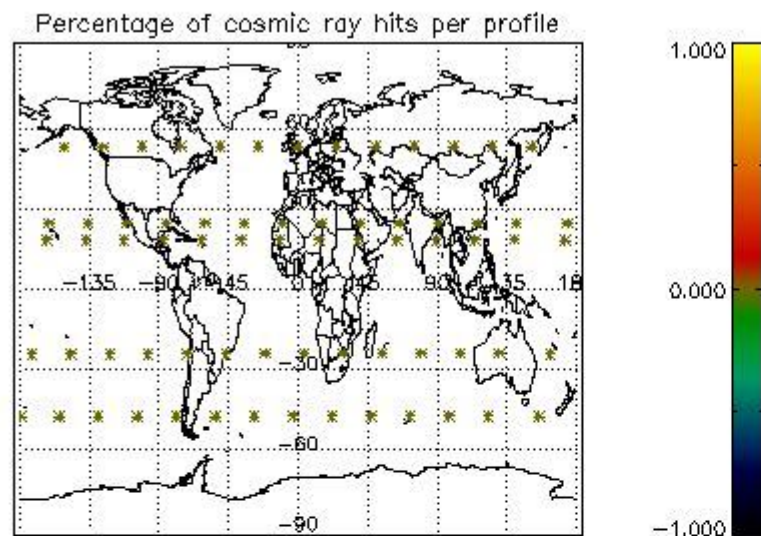
Percentage of star falling outside central band per profile



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

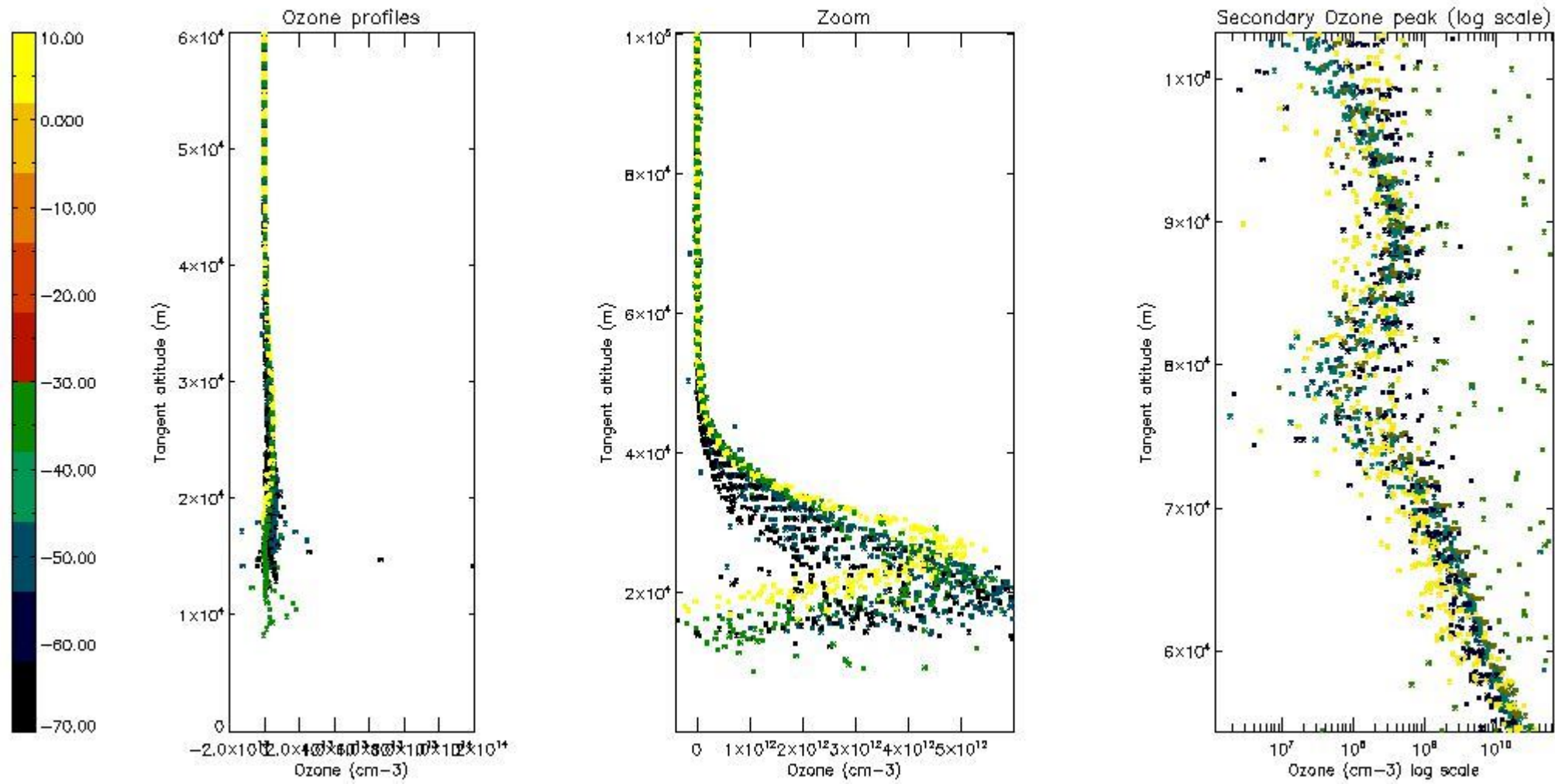
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	18

STD < 10	12
STD < 5	5

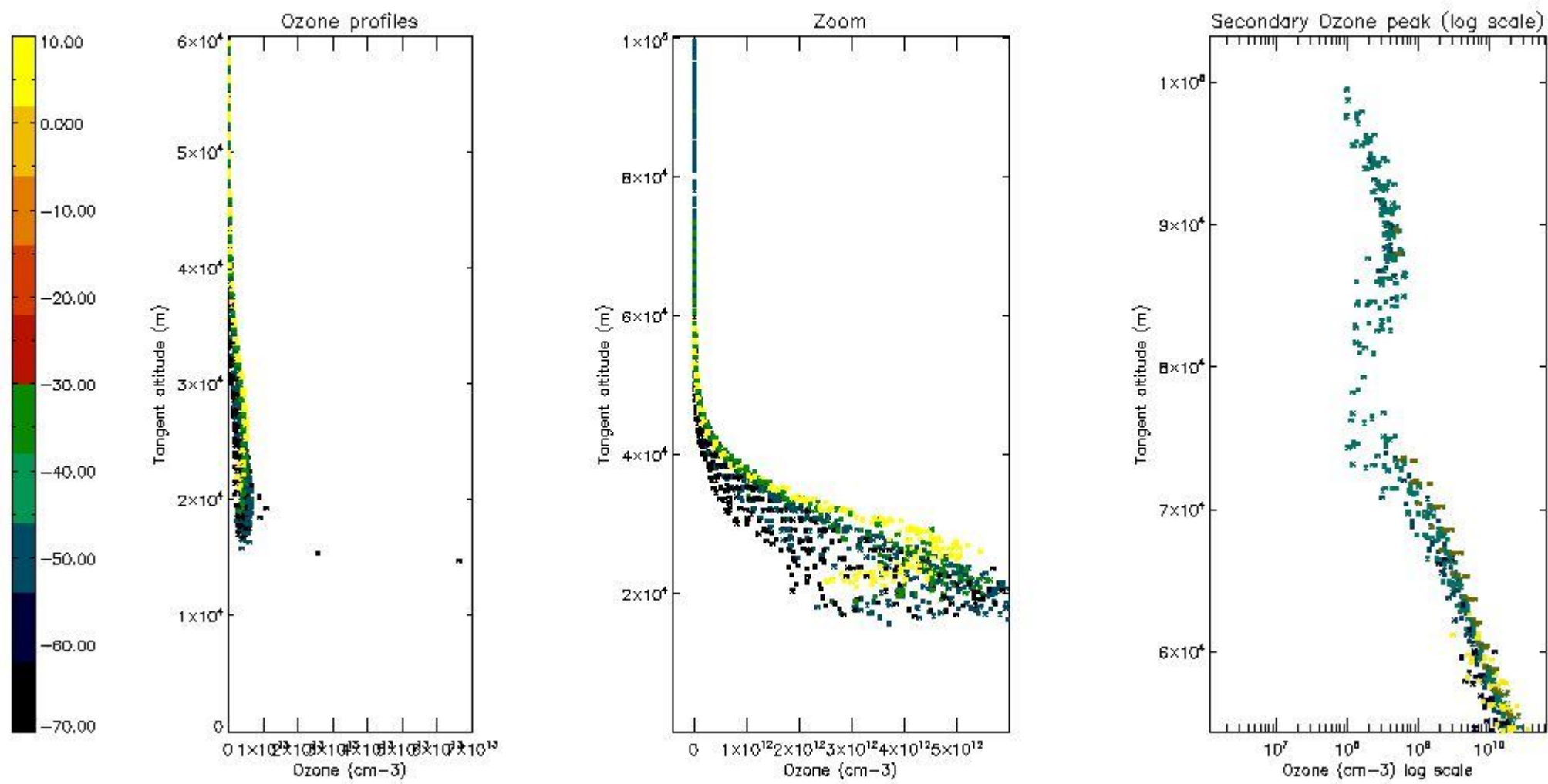
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



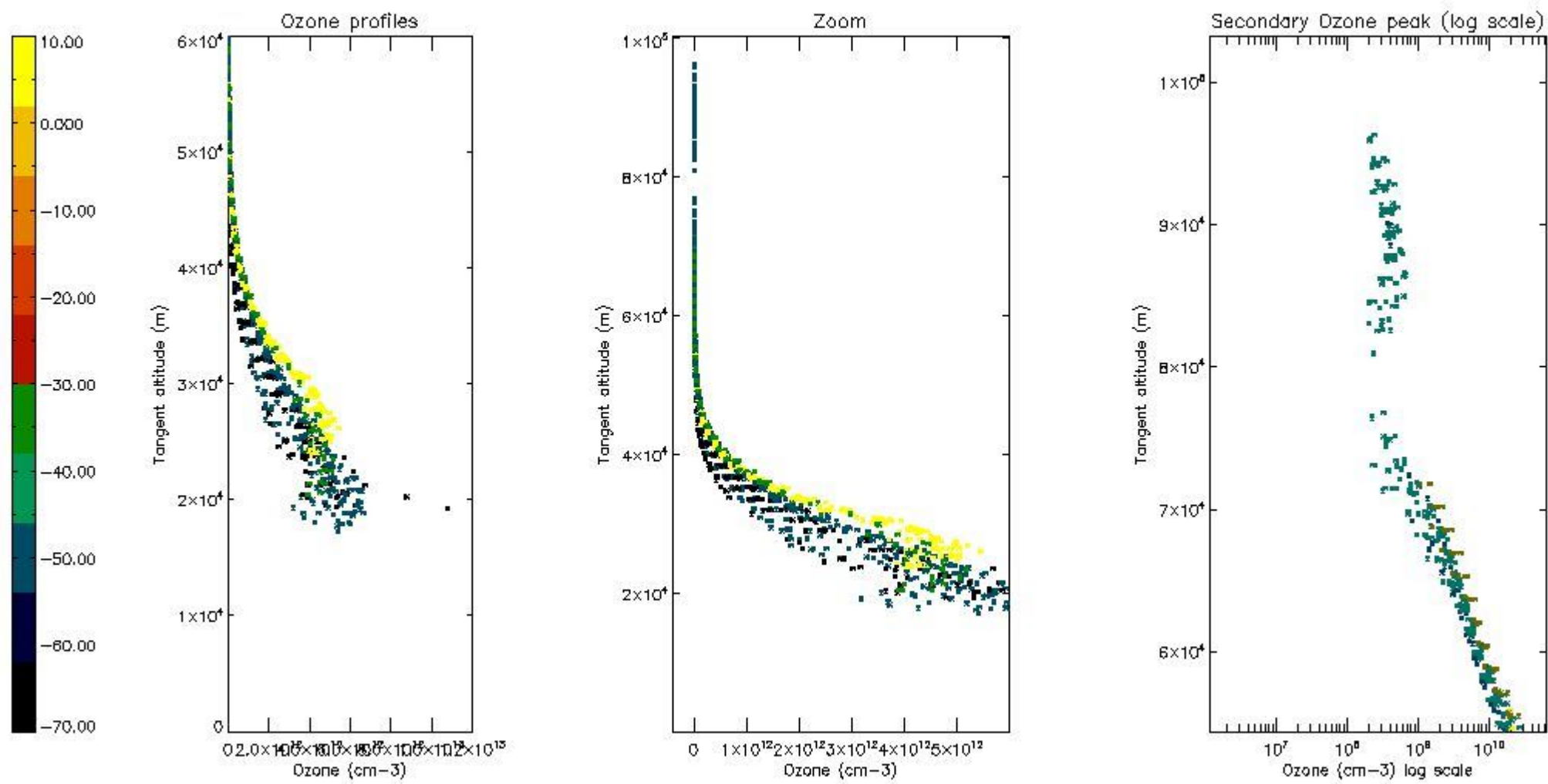
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



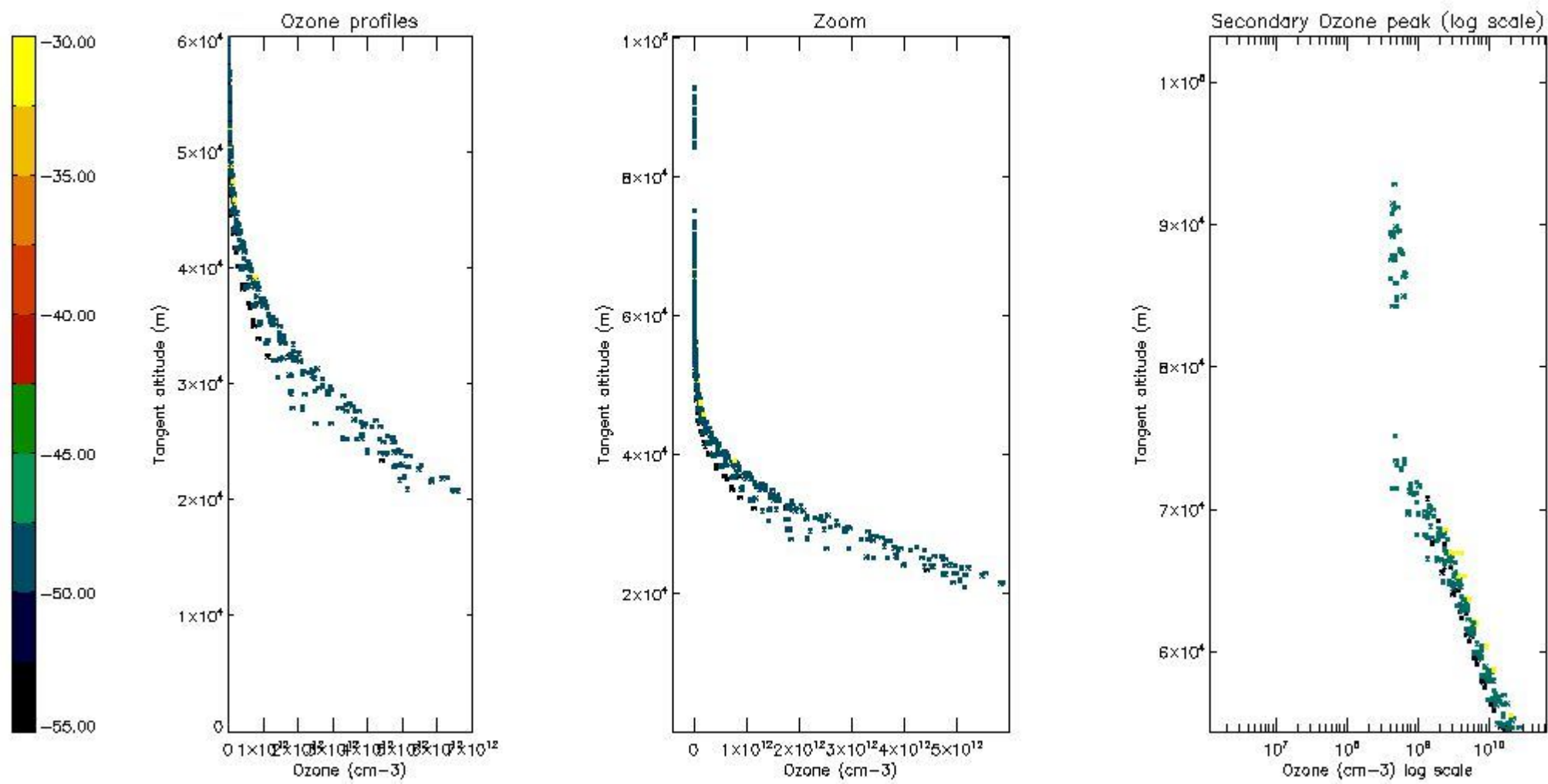
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



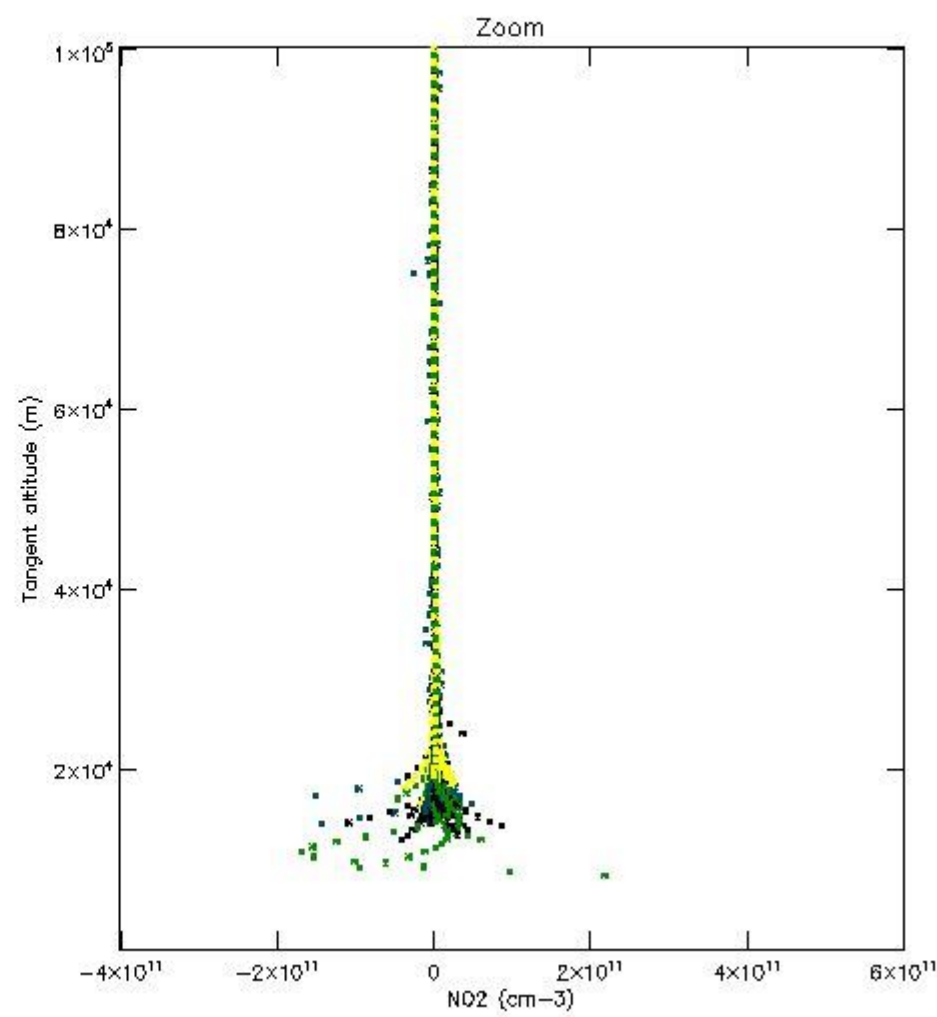
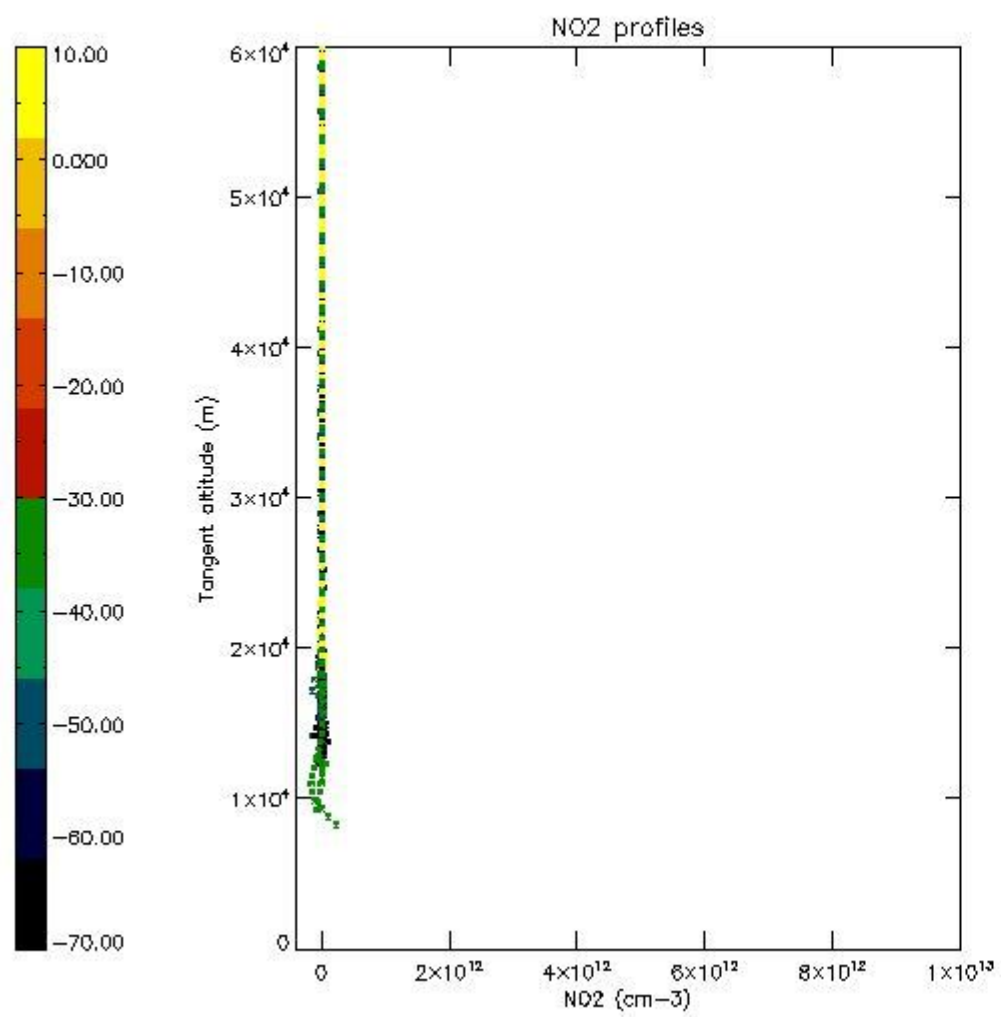
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



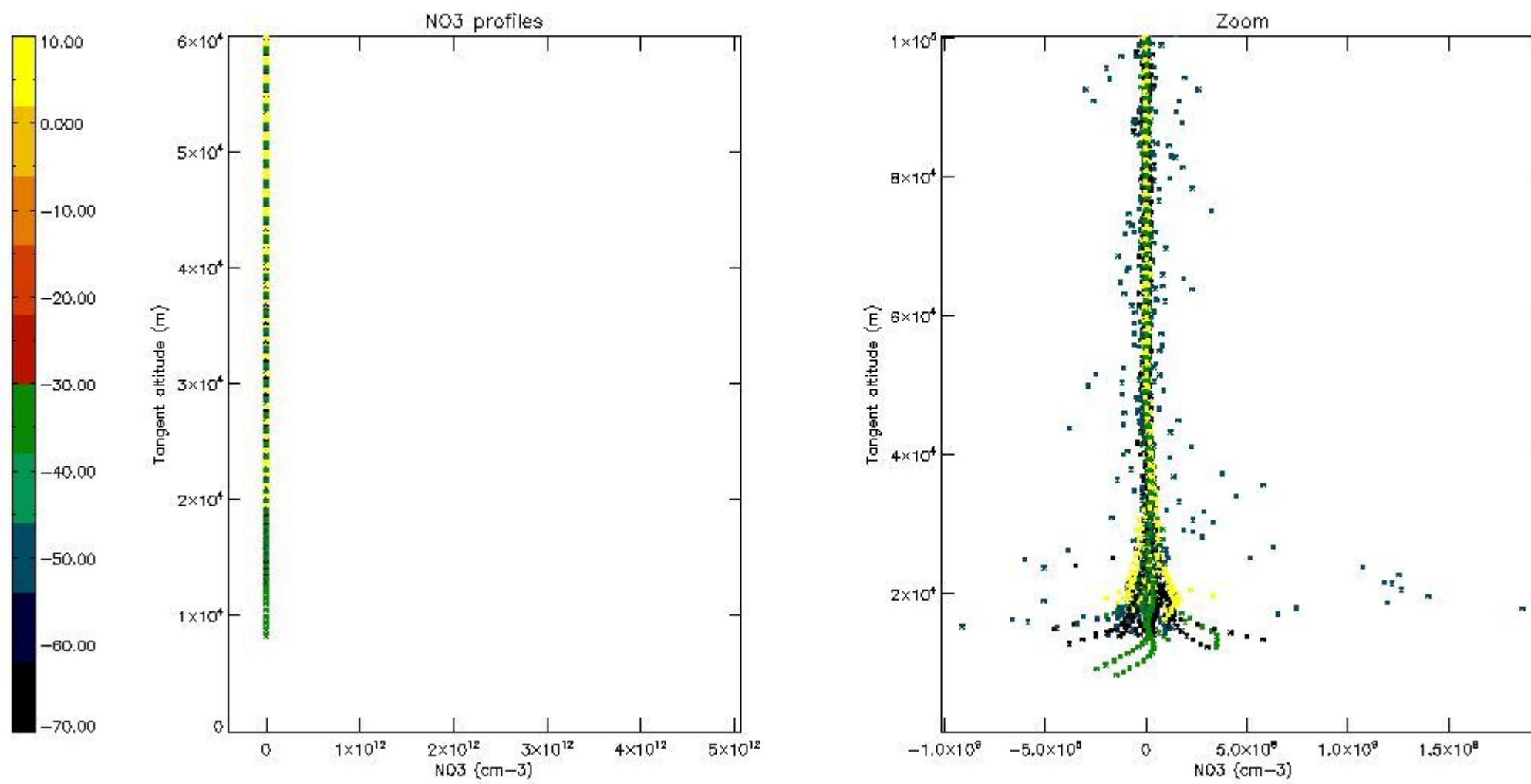
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	31-AUG-2005 00:00:02
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	31-AUG-2005 00:00:02
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	31-AUG-2005 00:00:02

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

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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](#)

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[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](#)

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

[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	18APR2013 10:40:36
Data source version	GOMOS/6.01
Start time of products	31-08-2005 (31AUG2005 00:00:00)
Stop time of products	01-09-2005 (01SEP2005 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	174
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__2PRFIN20050831_000002_00000412040_00216_18306_6273.N1	31-AUG-2005 00:00:02	Dark	40.500	88	31Eta CMa	2.4480	20000.	81	18306	No
2	GOM_NL__2PRFIN20050831_000213_000000382040_00216_18306_6274.N1	31-AUG-2005 00:02:13	Dark	37.500	70	Zet Pup	2.2460	39000.	75	18306	No
3	GOM_NL__2PRFIN20050831_000723_000000072040_00216_18306_6275.N1	31-AUG-2005 00:07:23	Dark	7.0000	2	Alp Car	-0.73600	7000.0	14	18306	No
4	GOM_NL__2PRFIN20050831_001748_000000372040_00217_18307_6266.N1	31-AUG-2005 00:17:48	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18307	No
5	GOM_NL__2PRFIN20050831_002322_000000382040_00217_18307_6267.N1	31-AUG-2005 00:23:22	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	18307	No
6	GOM_NL__2PRFIN20050831_002702_000000422040_00217_18307_6268.N1	31-AUG-2005 00:27:02	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	18307	No
7	GOM_NL__2PRFIN20050831_004409_000000382040_00217_18307_6269.N1	31-AUG-2005 00:44:09	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	18307	No
8	GOM_NL__2PRFIN20050831_005219_000000352040_00217_18307_6270.N1	31-AUG-2005 00:52:19	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	18307	No
9	GOM_NL__2PRFIN20050831_005402_000000372040_00217_18307_6271.N1	31-AUG-2005 00:54:02	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	18307	No
10	GOM_NL__2PRFIN20050831_010557_000000372040_00217_18307_6272.N1	31-AUG-2005 01:05:57	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18307	No
11	GOM_NL__2PRFIN20050831_011235_000000532040_00217_18307_6273.N1	31-AUG-2005 01:12:35	Bright	52.500	36	50Alp UMa	1.8000	6300.0	105	18307	No
12	GOM_NL__2PRFIN20050831_013830_000000392040_00217_18307_6274.N1	31-AUG-2005 01:38:30	Dark	39.000	132	15Rho Pup	2.8030	6900.0	78	18307	No
13	GOM_NL__2PRFIN20050831_014038_000000412040_00217_18307_6275.N1	31-AUG-2005 01:40:38	Dark	40.500	88	31Eta CMa	2.4480	20000.	81	18307	No
14	GOM_NL__2PRFIN20050831_014249_000000402040_00217_18307_6276.N1	31-AUG-2005 01:42:49	Dark	39.500	70	Zet Pup	2.2460	39000.	79	18307	No
15	GOM_NL__2PRFIN20050831_014759_000000072040_00217_18307_6277.N1	31-AUG-2005 01:47:59	Dark	7.0000	2	Alp Car	-0.73600	7000.0	14	18307	No
16	GOM_NL__2PRFIN20050831_015825_000000372040_00218_18308_6269.N1	31-AUG-2005 01:58:25	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18308	No
17	GOM_NL__2PRFIN20050831_020358_000000422040_00218_18308_6270.N1	31-AUG-2005 02:03:58	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	18308	No
18	GOM_NL__2PRFIN20050831_020738_000000382040_00218_18308_6271.N1	31-AUG-2005 02:07:38	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	18308	No
19	GOM_NL__2PRFIN20050831_022445_000000382040_00218_18308_6272.N1	31-AUG-2005 02:24:45	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	18308	No
20	GOM_NL__2PRFIN20050831_023255_000000342040_00218_18308_6273.N1	31-AUG-2005 02:32:55	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	18308	No
21	GOM_NL__2PRFIN20050831_023438_000000342040_00218_18308_6274.N1	31-AUG-2005 02:34:38	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	18308	No
22	GOM_NL__2PRFIN20050831_024633_000000362040_00218_18308_6275.N1	31-AUG-2005 02:46:33	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	18308	No
23	GOM_NL__2PRFIN20050831_025311_000000372040_00218_18308_6276.N1	31-AUG-2005 02:53:11	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	18308	No
24	GOM_NL__2PRFIN20050831_031907_000000352040_00218_18308_6277.N1	31-AUG-2005 03:19:07	Dark	34.500	132	15Rho Pup	2.8030	6900.0	69	18308	No
25	GOM_NL__2PRFIN20050831_032115_000000412040_00218_18308_6278.N1	31-AUG-2005 03:21:15	Dark	41.000	88	31Eta CMa	2.4480	20000.	82	18308	No
26	GOM_NL__2PRFIN20050831_032325_000000392040_00218_18308_6279.N1	31-AUG-2005 03:23:25	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18308	No
27	GOM_NL__2PRFIN20050831_032728_000000432040_00218_18308_6280.N1	31-AUG-2005 03:27:28	Dark	42.500	161	Tau Pup	2.9310	4500.0	85	18308	No
28	GOM_NL__2PRFIN20050831_033901_000000382040_00219_18309_6272.N1	31-AUG-2005 03:39:01	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18309	No
29	GOM_NL__2PRFIN20050831_034435_000000412040_00219_18309_6273.N1	31-AUG-2005 03:44:35	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	18309	No
30	GOM_NL__2PRFIN20050831_034814_000000442040_00219_18309_6274.N1	31-AUG-2005 03:48:14	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	18309	No
31	GOM_NL__2PRFIN20050831_040522_000000382040_00219_18309_6275.N1	31-AUG-2005 04:05:22	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	18309	No
32	GOM_NL__2PRFIN20050831_041331_000000372040_00219_18309_6276.N1	31-AUG-2005 04:13:31	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	18309	No
33	GOM_NL__2PRFIN20050831_041515_000000352040_00219_18309_6277.N1	31-AUG-2005 04:15:15	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18309	No
34	GOM_NL__2PRFIN20050831_042710_000000342040_00219_18309_6278.N1	31-AUG-2005 04:27:10	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	18309	No
35	GOM_NL__2PRFIN20050831_043347_000000372040_00219_18309_6279.N1	31-AUG-2005 04:33:47	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	18309	No
36	GOM_NL__2PRFIN20050831_045943_000000342040_00219_18309_6280.N1	31-AUG-2005 04:59:43	Dark	34.000	132	15Rho Pup	2.8030	6900.0	68	18309	No
37	GOM_NL__2PRFIN20050831_050151_000000412040_00219_18309_6281.N1	31-AUG-2005 05:01:51	Dark	41.000	88	31Eta CMa	2.4480	20000.	82	18309	No
38	GOM_NL__2PRFIN20050831_050402_000000392040_00219_18309_6282.N1	31-AUG-2005 05:04:02	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18309	No
39	GOM_NL__2PRFIN20050831_050804_000000402040_00219_18309_6283.N1	31-AUG-2005 05:08:04	Dark	39.500	161	Tau Pup	2.9310	4500.0	79	18309	No
40	GOM_NL__2PRFIN20050831_051937_000000392040_00220_18310_6275.N1	31-AUG-2005 05:19:37	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	18310	No
41	GOM_NL__2PRFIN20050831_052511_000000452040_00220_18310_6276.N1	31-AUG-2005 05:25:11	Straylight	45.000	148	Alp Tuc	2.8780	4100.0	90	18310	No
42	GOM_NL__2PRFIN20050831_052850_000000382040_00220_18310_6277.N1	31-AUG-2005 05:28:50	Straylight	38.000	31	Alp Gru	1.7340	15200.	76	18310	No

43	GOM_NL__2PRFIN20050831_054558_000000392040_00220_18310_6278.N1	31-AUG-2005 05:45:58	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	18310	No
44	GOM_NL__2PRFIN20050831_055408_000000362040_00220_18310_6279.N1	31-AUG-2005 05:54:08	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	18310	No
45	GOM_NL__2PRFIN20050831_055551_000000362040_00220_18310_6280.N1	31-AUG-2005 05:55:51	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18310	No
46	GOM_NL__2PRFIN20050831_060746_000000352040_00220_18310_6281.N1	31-AUG-2005 06:07:46	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	18310	No
47	GOM_NL__2PRFIN20050831_061424_000000372040_00220_18310_6282.N1	31-AUG-2005 06:14:24	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	18310	No
48	GOM_NL__2PRFIN20050831_064019_000000372040_00220_18310_6283.N1	31-AUG-2005 06:40:19	Dark	36.500	132	15Rho Pup	2.8030	6900.0	73	18310	No
49	GOM_NL__2PRFIN20050831_064227_000000152040_00220_18310_6284.N1	31-AUG-2005 06:42:27	Dark	15.000	88	31Eta CMa	2.4480	20000.	30	18310	No
50	GOM_NL__2PRFIN20050831_064438_000000392040_00220_18310_6285.N1	31-AUG-2005 06:44:38	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18310	No
51	GOM_NL__2PRFIN20050831_064840_000000422040_00220_18310_6286.N1	31-AUG-2005 06:48:40	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	18310	No
52	GOM_NL__2PRFIN20050831_070013_000000372040_00221_18311_6279.N1	31-AUG-2005 07:00:13	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18311	No
53	GOM_NL__2PRFIN20050831_070547_000000472040_00221_18311_6280.N1	31-AUG-2005 07:05:47	Straylight	47.000	148	Alp Tuc	2.8780	4100.0	94	18311	No
54	GOM_NL__2PRFIN20050831_070927_000000392040_00221_18311_6281.N1	31-AUG-2005 07:09:27	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	18311	No
55	GOM_NL__2PRFIN20050831_072634_000000402040_00221_18311_6282.N1	31-AUG-2005 07:26:34	Bright	40.000	11	53Alp Aql	0.76500	8000.0	80	18311	No
56	GOM_NL__2PRFIN20050831_073444_000000372040_00221_18311_6283.N1	31-AUG-2005 07:34:44	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	18311	No
57	GOM_NL__2PRFIN20050831_073627_000000352040_00221_18311_6284.N1	31-AUG-2005 07:36:27	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18311	No
58	GOM_NL__2PRFIN20050831_074822_000000362040_00221_18311_6285.N1	31-AUG-2005 07:48:22	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18311	No
59	GOM_NL__2PRFIN20050831_075500_000000362040_00221_18311_6286.N1	31-AUG-2005 07:55:00	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	18311	No
60	GOM_NL__2PRFIN20050831_082055_000000362040_00221_18311_6287.N1	31-AUG-2005 08:20:55	Dark	36.000	132	15Rho Pup	2.8030	6900.0	72	18311	No
61	GOM_NL__2PRFIN20050831_082304_000000152040_00221_18311_6288.N1	31-AUG-2005 08:23:04	Dark	15.000	88	31Eta CMa	2.4480	20000.	30	18311	No
62	GOM_NL__2PRFIN20050831_082514_000000402040_00221_18311_6289.N1	31-AUG-2005 08:25:14	Dark	39.500	70	Zet Pup	2.2460	39000.	79	18311	No
63	GOM_NL__2PRFIN20050831_082917_000000392040_00221_18311_6290.N1	31-AUG-2005 08:29:17	Dark	39.000	161	Tau Pup	2.9310	4500.0	78	18311	No
64	GOM_NL__2PRFIN20050831_084049_000000392040_00222_18312_6263.N1	31-AUG-2005 08:40:49	Dark	38.500	135	Bet Hyi	2.8200	5800.0	77	18312	No
65	GOM_NL__2PRFIN20050831_084623_000000382040_00222_18312_6264.N1	31-AUG-2005 08:46:23	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	18312	No
66	GOM_NL__2PRFIN20050831_085003_000000382040_00222_18312_6265.N1	31-AUG-2005 08:50:03	Straylight	37.500	31	Alp Gru	1.7340	15200.	75	18312	No
67	GOM_NL__2PRFIN20050831_085253_000000122040_00222_18312_6266.N1	31-AUG-2005 08:52:53	Straylight	11.500	172	Gam Gru	3.0030	13100.	23	18312	No
68	GOM_NL__2PRFIN20050831_090710_000000402040_00222_18312_6267.N1	31-AUG-2005 09:07:10	Bright	39.500	11	53Alp Aql	0.76500	8000.0	79	18312	No
69	GOM_NL__2PRFIN20050831_091520_000000382040_00222_18312_6268.N1	31-AUG-2005 09:15:20	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	18312	No
70	GOM_NL__2PRFIN20050831_091703_000000362040_00222_18312_6269.N1	31-AUG-2005 09:17:03	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18312	No
71	GOM_NL__2PRFIN20050831_092858_000000342040_00222_18312_6270.N1	31-AUG-2005 09:28:58	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	18312	No
72	GOM_NL__2PRFIN20050831_093536_000000352040_00222_18312_6271.N1	31-AUG-2005 09:35:36	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	18312	No
73	GOM_NL__2PRFIN20050831_100131_000000412040_00222_18312_6272.N1	31-AUG-2005 10:01:31	Dark	40.500	132	15Rho Pup	2.8030	6900.0	81	18312	No
74	GOM_NL__2PRFIN20050831_100550_000000392040_00222_18312_6273.N1	31-AUG-2005 10:05:50	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18312	No
75	GOM_NL__2PRFIN20050831_100953_000000422040_00222_18312_6274.N1	31-AUG-2005 10:09:53	Dark	42.000	161	Tau Pup	2.9310	4500.0	84	18312	No
76	GOM_NL__2PRFIN20050831_102125_000000382040_00223_18313_6266.N1	31-AUG-2005 10:21:25	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18313	No
77	GOM_NL__2PRFIN20050831_102659_000000422040_00223_18313_6267.N1	31-AUG-2005 10:26:59	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	18313	No
78	GOM_NL__2PRFIN20050831_103039_000000412040_00223_18313_6268.N1	31-AUG-2005 10:30:39	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	18313	No
79	GOM_NL__2PRFIN20050831_103329_000000122040_00223_18313_6269.N1	31-AUG-2005 10:33:29	Straylight	11.500	172	Gam Gru	3.0030	13100.	23	18313	No
80	GOM_NL__2PRFIN20050831_104747_000000392040_00223_18313_6270.N1	31-AUG-2005 10:47:47	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	18313	No
81	GOM_NL__2PRFIN20050831_105556_000000362040_00223_18313_6271.N1	31-AUG-2005 10:55:56	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	18313	No
82	GOM_NL__2PRFIN20050831_105739_000000352040_00223_18313_6272.N1	31-AUG-2005 10:57:39	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	18313	No
83	GOM_NL__2PRFIN20050831_110935_000000362040_00223_18313_6273.N1	31-AUG-2005 11:09:35	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18313	No
84	GOM_NL__2PRFIN20050831_111612_000000352040_00223_18313_6274.N1	31-AUG-2005 11:16:12	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	18313	No
85	GOM_NL__2PRFIN20050831_114207_000000402040_00223_18313_6275.N1	31-AUG-2005 11:42:07	Dark	39.500	132	15Rho Pup	2.8030	6900.0	79	18313	No
86	GOM_NL__2PRFIN20050831_114626_000000372040_00223_18313_6276.N1	31-AUG-2005 11:46:26	Dark	37.000	70	Zet Pup	2.2460	39000.	74	18313	No
87	GOM_NL__2PRFIN20050831_115029_000000402040_00223_18313_6277.N1	31-AUG-2005 11:50:29	Dark	40.000	161	Tau Pup	2.9310	4500.0	80	18313	No
88	GOM_NL__2PRFIN20050831_120201_000000362040_00224_18314_6271.N1	31-AUG-2005 12:02:01	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	18314	No
89	GOM_NL__2PRFIN20050831_120736_000000462040_00224_18314_6272.N1	31-AUG-2005 12:07:36	Straylight	45.500	148	Alp Tuc	2.8780	4100.0	91	18314	No
90	GOM_NL__2PRFIN20050831_121115_000000412040_00224_18314_6273.N1	31-AUG-2005 12:11:15	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	18314	No
91	GOM_NL__2PRFIN20050831_121405_000000242040_00224_18314_6274.N1	31-AUG-2005 12:14:05	Straylight	23.500	172	Gam Gru	3.0030	13100.	47	18314	No
92	GOM_NL__2PRFIN20050831_122823_000000362040_00224_18314_6275.N1	31-AUG-2005 12:28:23	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18314	No
93	GOM_NL__2PRFIN20050831_123632_000000352040_00224_18314_6276.N1	31-AUG-2005 12:36:32	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	18314	No
94	GOM_NL__2PRFIN20050831_123815_000000352040_00224_18314_6277.N1	31-AUG-2005 12:38:15	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18314	No
95	GOM_NL__2PRFIN20050831_125011_000000372040_00224_18314_6278.N1	31-AUG-2005 12:50:11	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	18314	No
96	GOM_NL__2PRFIN20050831_125648_000000342040_00224_18314_6279.N1	31-AUG-2005 12:56:48	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	18314	No
97	GOM_NL__2PRFIN20050831_132243_000000392040_00224_18314_6280.N1	31-AUG-2005 13:22:43	Dark	38.500	132	15Rho Pup	2.8030	6900.0	77	18314	No
98	GOM_NL__2PRFIN20050831_132702_000000402040_00224_18314_6281.N1	31-AUG-2005 13:27:02	Dark	39.500	70	Zet Pup	2.2460	39000.	79	18314	No
99	GOM_NL__2PRFIN20050831_133214_000000052040_00224_18314_6282.N1	31-AUG-2005 13:32:14	Dark	5.0000	41	Eps Car	1.8600	4100.0	10	18314	No
100	GOM_NL__2PRFIN20050831_134238_000000382040_00225_18315_6274.N1	31-AUG-2005 13:42:38	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18315	No
101	GOM_NL__2PRFIN20050831_134812_000000392040_00225_18315_6275.N1	31-AUG-2005 13:48:12	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	18315	No

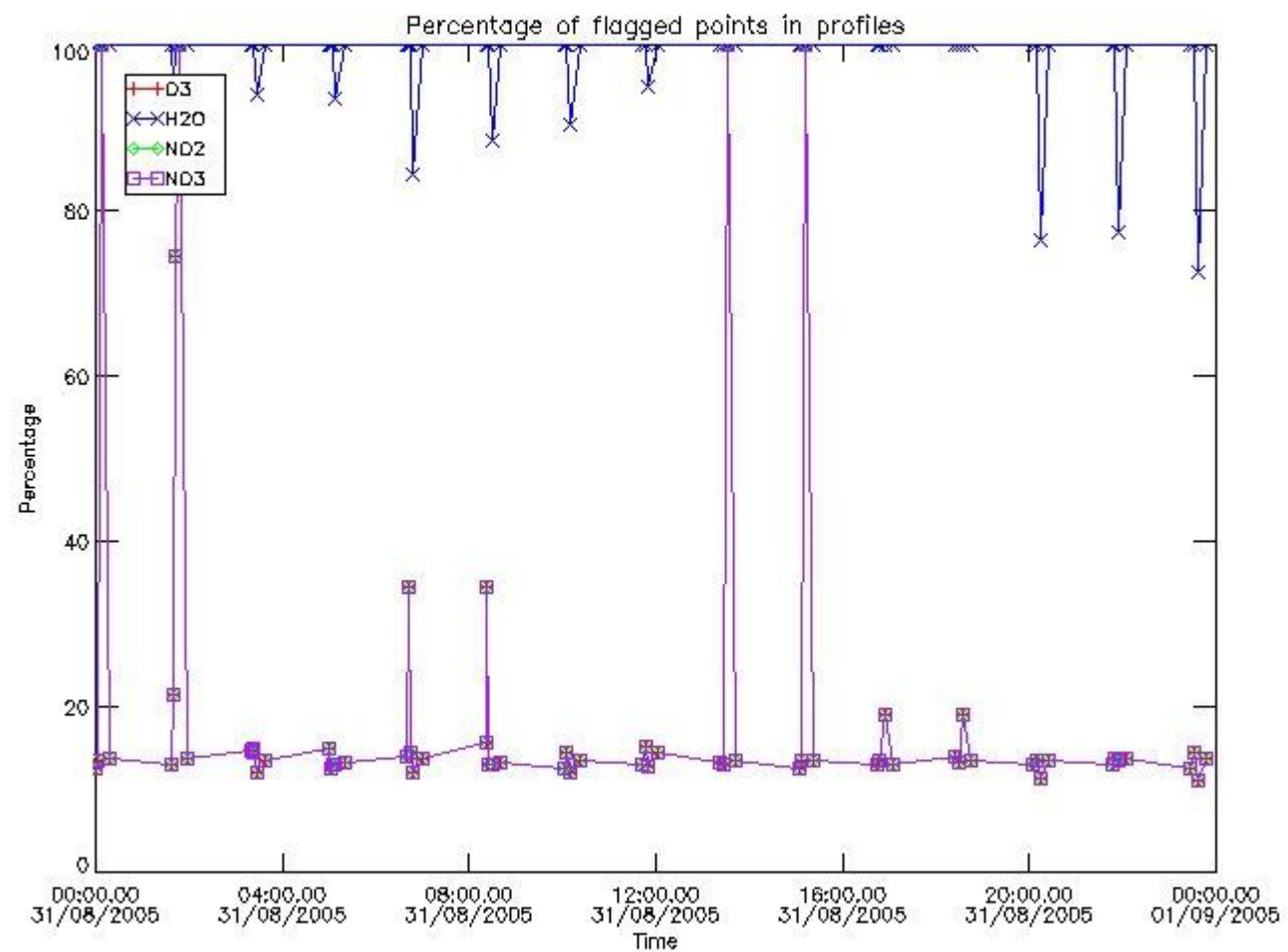
102	GOM_NL__2PRFIN20050831_135151_000000452040_00225_18315_6276.N1	31-AUG-2005 13:51:51	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	18315	No
103	GOM_NL__2PRFIN20050831_135441_000000242040_00225_18315_6277.N1	31-AUG-2005 13:54:41	Straylight	23.500	172	Gam Gru	3.0030	13100.	47	18315	No
104	GOM_NL__2PRFIN20050831_140859_000000362040_00225_18315_6278.N1	31-AUG-2005 14:08:59	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18315	No
105	GOM_NL__2PRFIN20050831_141708_000000342040_00225_18315_6279.N1	31-AUG-2005 14:17:08	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	18315	No
106	GOM_NL__2PRFIN20050831_141852_000000342040_00225_18315_6280.N1	31-AUG-2005 14:18:52	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	18315	No
107	GOM_NL__2PRFIN20050831_143047_000000382040_00225_18315_6281.N1	31-AUG-2005 14:30:47	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	18315	No
108	GOM_NL__2PRFIN20050831_143725_000000362040_00225_18315_6282.N1	31-AUG-2005 14:37:25	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	18315	No
109	GOM_NL__2PRFIN20050831_150320_000000412040_00225_18315_6283.N1	31-AUG-2005 15:03:20	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	18315	No
110	GOM_NL__2PRFIN20050831_150738_000000382040_00225_18315_6284.N1	31-AUG-2005 15:07:38	Dark	37.500	70	Zet Pup	2.2460	39000.	75	18315	No
111	GOM_NL__2PRFIN20050831_151250_000000052040_00225_18315_6285.N1	31-AUG-2005 15:12:50	Dark	5.0000	41	Eps Car	1.8600	4100.0	10	18315	No
112	GOM_NL__2PRFIN20050831_152314_000000382040_00226_18316_6257.N1	31-AUG-2005 15:23:14	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18316	No
113	GOM_NL__2PRFIN20050831_152848_000000382040_00226_18316_6258.N1	31-AUG-2005 15:28:48	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	18316	No
114	GOM_NL__2PRFIN20050831_153227_000000392040_00226_18316_6259.N1	31-AUG-2005 15:32:27	Straylight	39.000	31	Alp Gru	1.7340	15200.	78	18316	No
115	GOM_NL__2PRFIN20050831_153518_000000362040_00226_18316_6260.N1	31-AUG-2005 15:35:18	Straylight	36.000	172	Gam Gru	3.0030	13100.	72	18316	No
116	GOM_NL__2PRFIN20050831_154935_000000362040_00226_18316_6261.N1	31-AUG-2005 15:49:35	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	18316	No
117	GOM_NL__2PRFIN20050831_155744_000000372040_00226_18316_6262.N1	31-AUG-2005 15:57:44	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	18316	No
118	GOM_NL__2PRFIN20050831_155928_000000342040_00226_18316_6263.N1	31-AUG-2005 15:59:28	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	18316	No
119	GOM_NL__2PRFIN20050831_161123_000000362040_00226_18316_6264.N1	31-AUG-2005 16:11:23	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18316	No
120	GOM_NL__2PRFIN20050831_161801_000000362040_00226_18316_6265.N1	31-AUG-2005 16:18:01	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	18316	No
121	GOM_NL__2PRFIN20050831_164356_000000402040_00226_18316_6266.N1	31-AUG-2005 16:43:56	Dark	39.500	132	15Rho Pup	2.8030	6900.0	79	18316	No
122	GOM_NL__2PRFIN20050831_164814_000000382040_00226_18316_6267.N1	31-AUG-2005 16:48:14	Dark	38.000	70	Zet Pup	2.2460	39000.	76	18316	No
123	GOM_NL__2PRFIN20050831_165326_000000272040_00226_18316_6268.N1	31-AUG-2005 16:53:26	Dark	27.000	41	Eps Car	1.8600	4100.0	54	18316	No
124	GOM_NL__2PRFIN20050831_170350_000000402040_00227_18317_6262.N1	31-AUG-2005 17:03:50	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	18317	No
125	GOM_NL__2PRFIN20050831_170924_000000432040_00227_18317_6263.N1	31-AUG-2005 17:09:24	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	18317	No
126	GOM_NL__2PRFIN20050831_171304_000000432040_00227_18317_6264.N1	31-AUG-2005 17:13:04	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	18317	No
127	GOM_NL__2PRFIN20050831_171554_000000362040_00227_18317_6265.N1	31-AUG-2005 17:15:54	Straylight	36.000	172	Gam Gru	3.0030	13100.	72	18317	No
128	GOM_NL__2PRFIN20050831_173011_000000372040_00227_18317_6266.N1	31-AUG-2005 17:30:11	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	18317	No
129	GOM_NL__2PRFIN20050831_173820_000000352040_00227_18317_6267.N1	31-AUG-2005 17:38:20	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	18317	No
130	GOM_NL__2PRFIN20050831_174004_000000362040_00227_18317_6268.N1	31-AUG-2005 17:40:04	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	18317	No
131	GOM_NL__2PRFIN20050831_175200_000000362040_00227_18317_6269.N1	31-AUG-2005 17:52:00	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18317	No
132	GOM_NL__2PRFIN20050831_175837_000000352040_00227_18317_6270.N1	31-AUG-2005 17:58:37	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	18317	No
133	GOM_NL__2PRFIN20050831_182432_000000402040_00227_18317_6271.N1	31-AUG-2005 18:24:32	Dark	40.000	132	15Rho Pup	2.8030	6900.0	80	18317	No
134	GOM_NL__2PRFIN20050831_182850_000000392040_00227_18317_6272.N1	31-AUG-2005 18:28:50	Dark	38.500	70	Zet Pup	2.2460	39000.	77	18317	No
135	GOM_NL__2PRFIN20050831_183402_000000272040_00227_18317_6273.N1	31-AUG-2005 18:34:02	Dark	27.000	41	Eps Car	1.8600	4100.0	54	18317	No
136	GOM_NL__2PRFIN20050831_184426_000000382040_00228_18318_6264.N1	31-AUG-2005 18:44:26	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	18318	No
137	GOM_NL__2PRFIN20050831_185000_000000452040_00228_18318_6265.N1	31-AUG-2005 18:50:00	Straylight	44.500	148	Alp Tuc	2.8780	4100.0	89	18318	No
138	GOM_NL__2PRFIN20050831_185340_000000412040_00228_18318_6266.N1	31-AUG-2005 18:53:40	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	18318	No
139	GOM_NL__2PRFIN20050831_185630_000000382040_00228_18318_6267.N1	31-AUG-2005 18:56:30	Straylight	37.500	172	Gam Gru	3.0030	13100.	75	18318	No
140	GOM_NL__2PRFIN20050831_191048_000000372040_00228_18318_6268.N1	31-AUG-2005 19:10:48	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	18318	No
141	GOM_NL__2PRFIN20050831_191856_000000362040_00228_18318_6269.N1	31-AUG-2005 19:18:56	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	18318	No
142	GOM_NL__2PRFIN20050831_192040_000000352040_00228_18318_6270.N1	31-AUG-2005 19:20:40	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18318	No
143	GOM_NL__2PRFIN20050831_193236_000000362040_00228_18318_6271.N1	31-AUG-2005 19:32:36	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	18318	No
144	GOM_NL__2PRFIN20050831_193913_000000352040_00228_18318_6272.N1	31-AUG-2005 19:39:13	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	18318	No
145	GOM_NL__2PRFIN20050831_200508_000000402040_00228_18318_6273.N1	31-AUG-2005 20:05:08	Dark	39.500	132	15Rho Pup	2.8030	6900.0	79	18318	No
146	GOM_NL__2PRFIN20050831_200926_000000382040_00228_18318_6274.N1	31-AUG-2005 20:09:26	Dark	37.500	70	Zet Pup	2.2460	39000.	75	18318	No
147	GOM_NL__2PRFIN20050831_201438_000000452040_00228_18318_6275.N1	31-AUG-2005 20:14:38	Dark	45.000	41	Eps Car	1.8600	4100.0	90	18318	No
148	GOM_NL__2PRFIN20050831_202502_000000382040_00229_18319_6301.N1	31-AUG-2005 20:25:02	Dark	38.000	135	Bet Hyi	2.8200	5800.0	76	18319	No
149	GOM_NL__2PRFIN20050831_203036_000000382040_00229_18319_6302.N1	31-AUG-2005 20:30:36	Straylight	37.500	148	Alp Tuc	2.8780	4100.0	75	18319	No
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151	GOM_NL__2PRFIN20050831_203706_000000372040_00229_18319_6304.N1	31-AUG-2005 20:37:06	Straylight	36.500	172	Gam Gru	3.0030	13100.	73	18319	No
152	GOM_NL__2PRFIN20050831_205124_000000392040_00229_18319_6305.N1	31-AUG-2005 20:51:24	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	18319	No
153	GOM_NL__2PRFIN20050831_205932_000000362040_00229_18319_6306.N1	31-AUG-2005 20:59:32	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	18319	No
154	GOM_NL__2PRFIN20050831_210116_000000352040_00229_18319_6307.N1	31-AUG-2005 21:01:16	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	18319	No
155	GOM_NL__2PRFIN20050831_211312_000000382040_00229_18319_6308.N1	31-AUG-2005 21:13:12	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	18319	No
156	GOM_NL__2PRFIN20050831_211950_000000342040_00229_18319_6309.N1	31-AUG-2005 21:19:50	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	18319	No
157	GOM_NL__2PRFIN20050831_214544_000000392040_00229_18319_6310.N1	31-AUG-2005 21:45:44	Dark	39.000	132	15Rho Pup	2.8030	6900.0	78	18319	No
158	GOM_NL__2PRFIN20050831_215003_000000372040_00229_18319_6311.N1	31-AUG-2005 21:50:03	Dark	37.000	70	Zet Pup	2.2460	39000.	74	18319	No
159	GOM_NL__2PRFIN20050831_215514_000000382040_00229_18319_6312.N1	31-AUG-2005 21:55:14	Dark	38.000	41	Eps Car	1.8600	4100.0	76	18319	No
160	GOM_NL__2PRFIN20050831_220538_000000372040_00230_18320_6301.N1	31-AUG-2005 22:05:38	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18320	No

161	GOM_NL__2PRFIN20050831_221113_000000362040_00230_18320_6302.N1	31-AUG-2005 22:11:13	Straylight	36.000	148	Alp Tuc	2.8780	4100.0	72	18320	No
162	GOM_NL__2PRFIN20050831_221452_000000432040_00230_18320_6303.N1	31-AUG-2005 22:14:52	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	18320	No
163	GOM_NL__2PRFIN20050831_221742_000000392040_00230_18320_6304.N1	31-AUG-2005 22:17:42	Straylight	38.500	172	Gam Gru	3.0030	13100.	77	18320	No
164	GOM_NL__2PRFIN20050831_224008_000000342040_00230_18320_6305.N1	31-AUG-2005 22:40:08	Bright	34.000	66	37Gam Cyg	2.2080	5900.0	68	18320	No
165	GOM_NL__2PRFIN20050831_224153_000000362040_00230_18320_6306.N1	31-AUG-2005 22:41:53	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	18320	No
166	GOM_NL__2PRFIN20050831_225348_000000362040_00230_18320_6307.N1	31-AUG-2005 22:53:48	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	18320	No
167	GOM_NL__2PRFIN20050831_230026_000000362040_00230_18320_6308.N1	31-AUG-2005 23:00:26	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	18320	No
168	GOM_NL__2PRFIN20050831_232620_000000412040_00230_18320_6309.N1	31-AUG-2005 23:26:20	Dark	41.000	132	15Rho Pup	2.8030	6900.0	82	18320	No
169	GOM_NL__2PRFIN20050831_233039_000000392040_00230_18320_6310.N1	31-AUG-2005 23:30:39	Dark	39.000	70	Zet Pup	2.2460	39000.	78	18320	No
170	GOM_NL__2PRFIN20050831_233550_000000462040_00230_18320_6311.N1	31-AUG-2005 23:35:50	Dark	46.000	41	Eps Car	1.8600	4100.0	92	18320	No
171	GOM_NL__2PRFIN20050831_234614_000000372040_00231_18321_6302.N1	31-AUG-2005 23:46:14	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	18321	No
172	GOM_NL__2PRFIN20050831_235149_000000412040_00231_18321_6303.N1	31-AUG-2005 23:51:49	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	18321	No
173	GOM_NL__2PRFIN20050831_235528_000000412040_00231_18321_6304.N1	31-AUG-2005 23:55:28	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	18321	No
174	GOM_NL__2PRFIN20050831_235818_000000382040_00231_18321_6305.N1	31-AUG-2005 23:58:18	Straylight	37.500	172	Gam Gru	3.0030	13100.	75	18321	No

3. Quality information per product

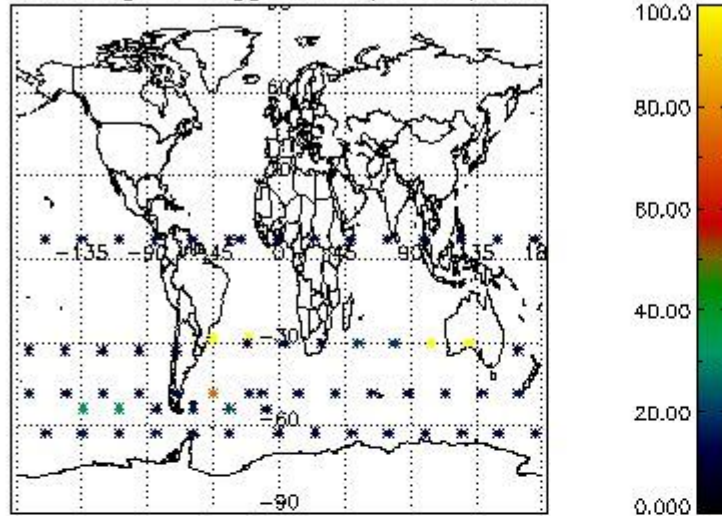
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

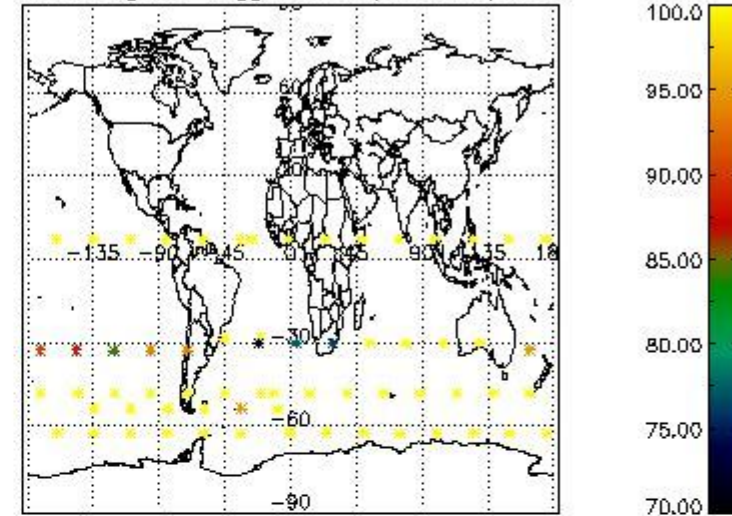


3.2 Plot quality information per product (world map)

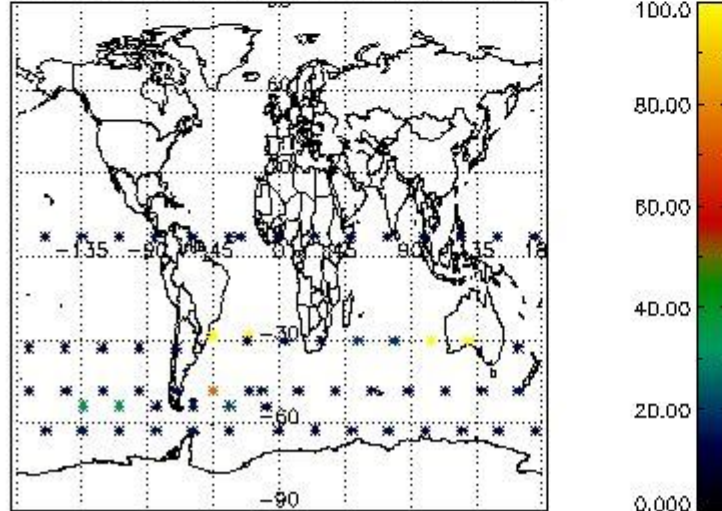
Percentage of flagged data per O3 profile



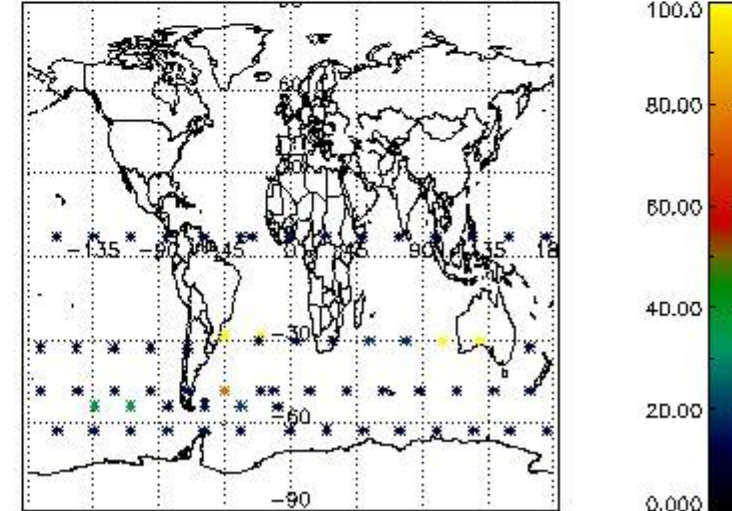
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

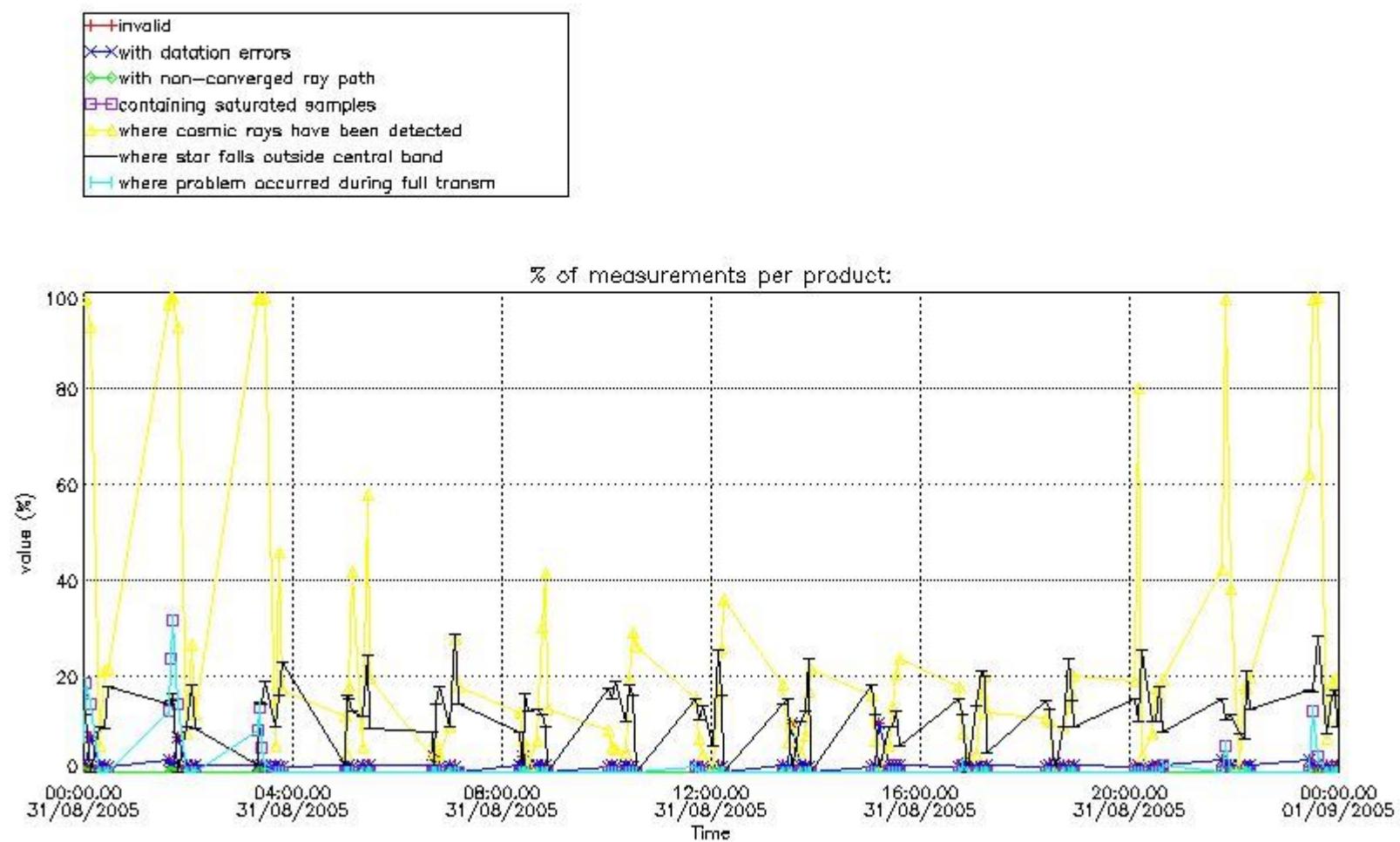


4. Level 1 quality information per product

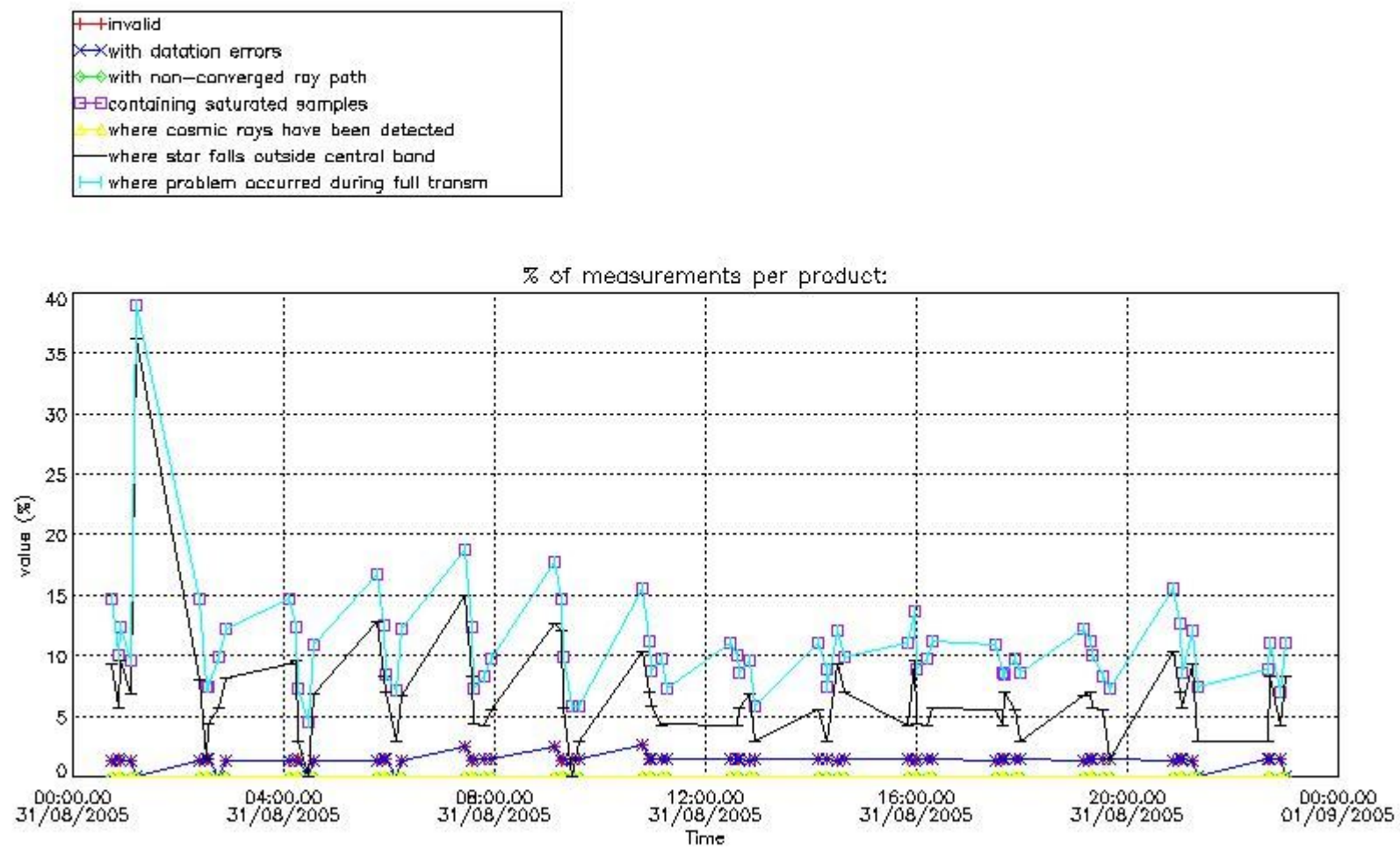
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



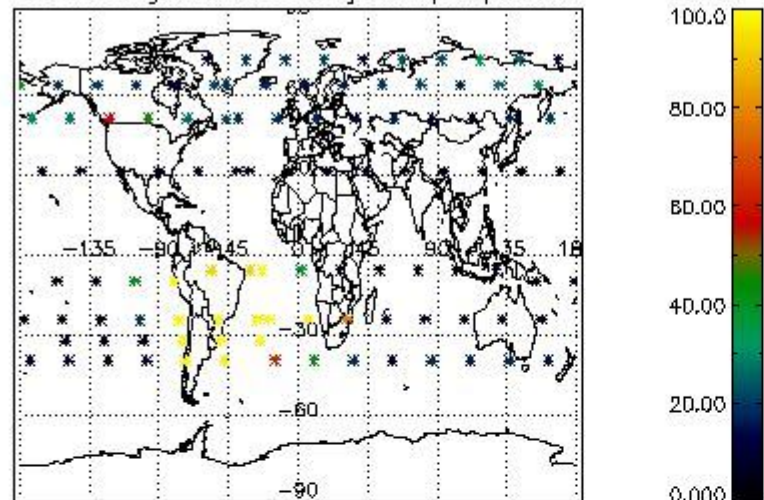
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



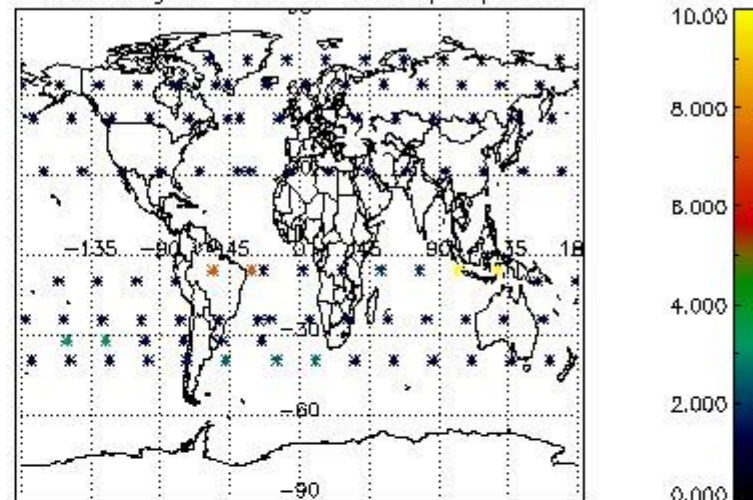
4.2 Plot quality information per product coming from level 1b processing (world map)

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

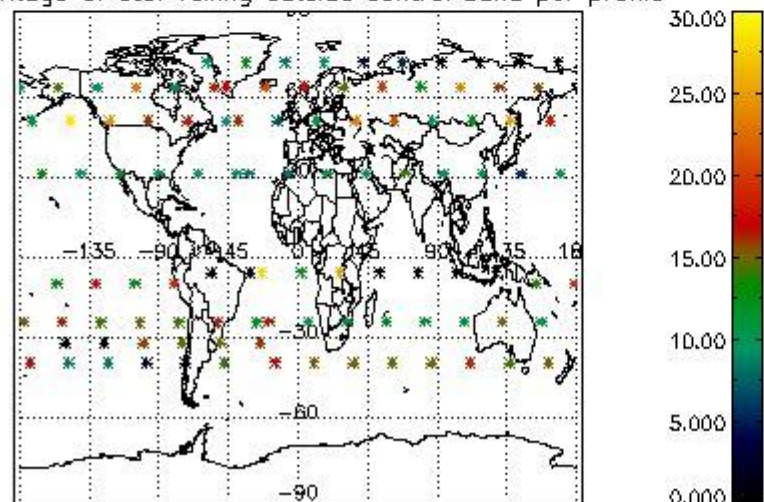
Percentage of cosmic ray hits per profile



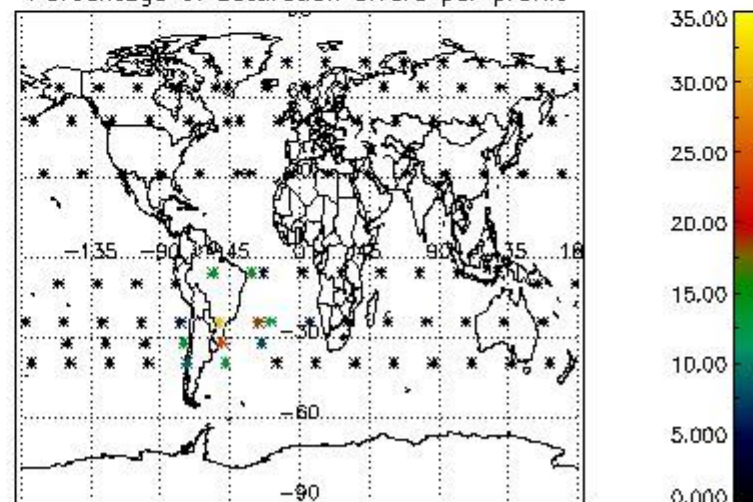
Percentage of datation errors per profile



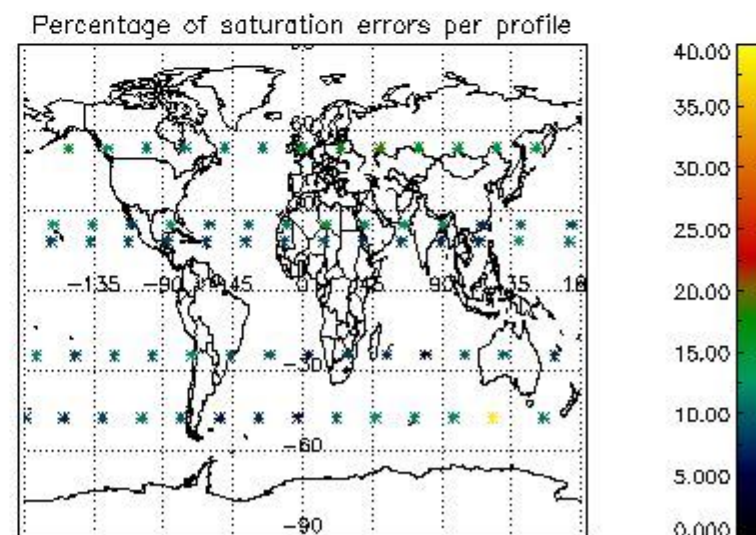
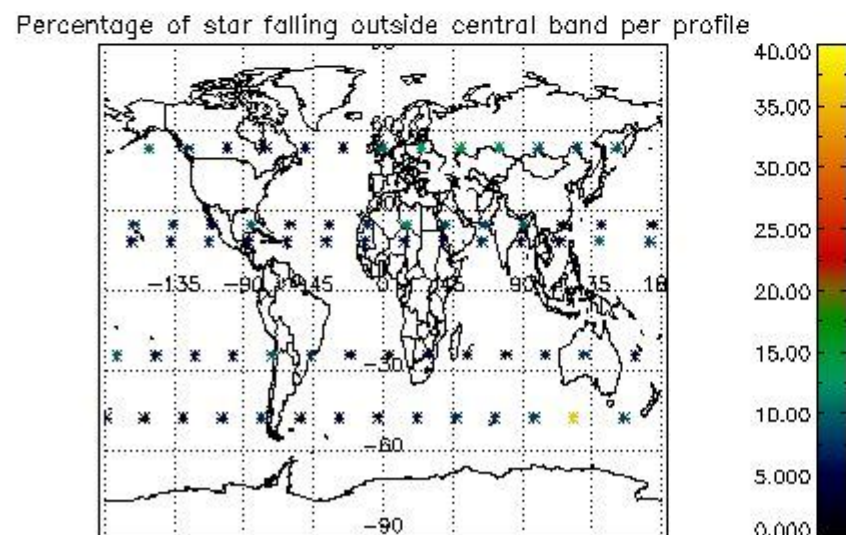
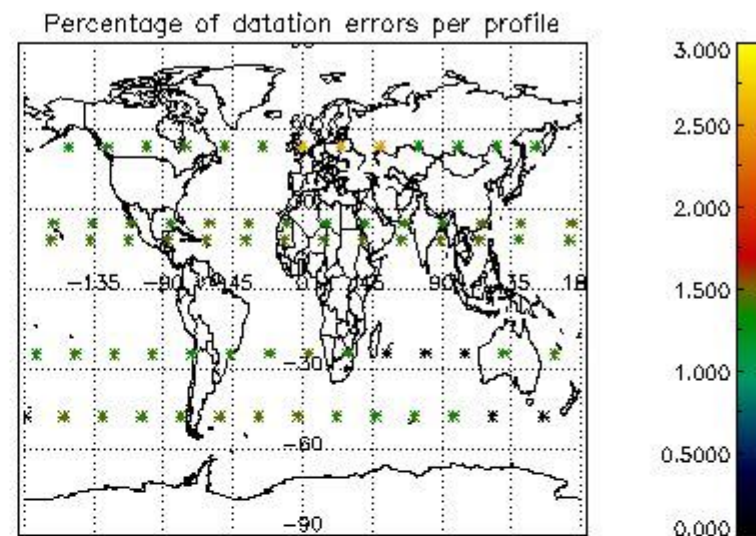
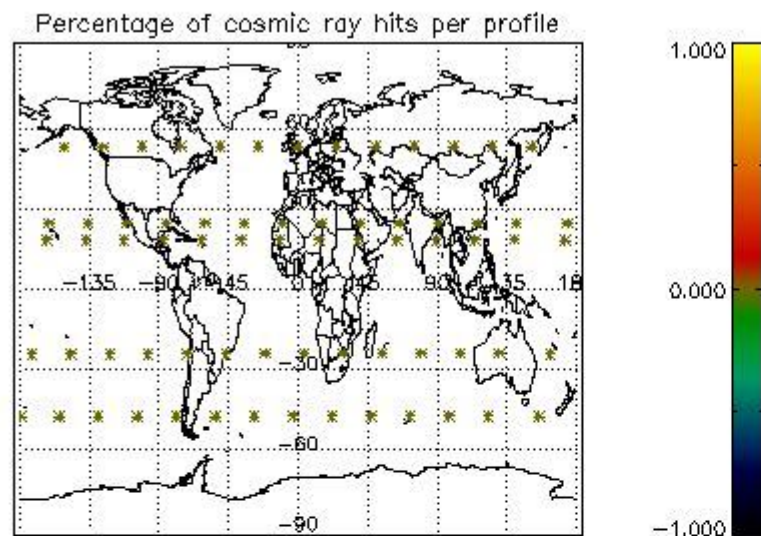
Percentage of star falling outside central band per profile



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

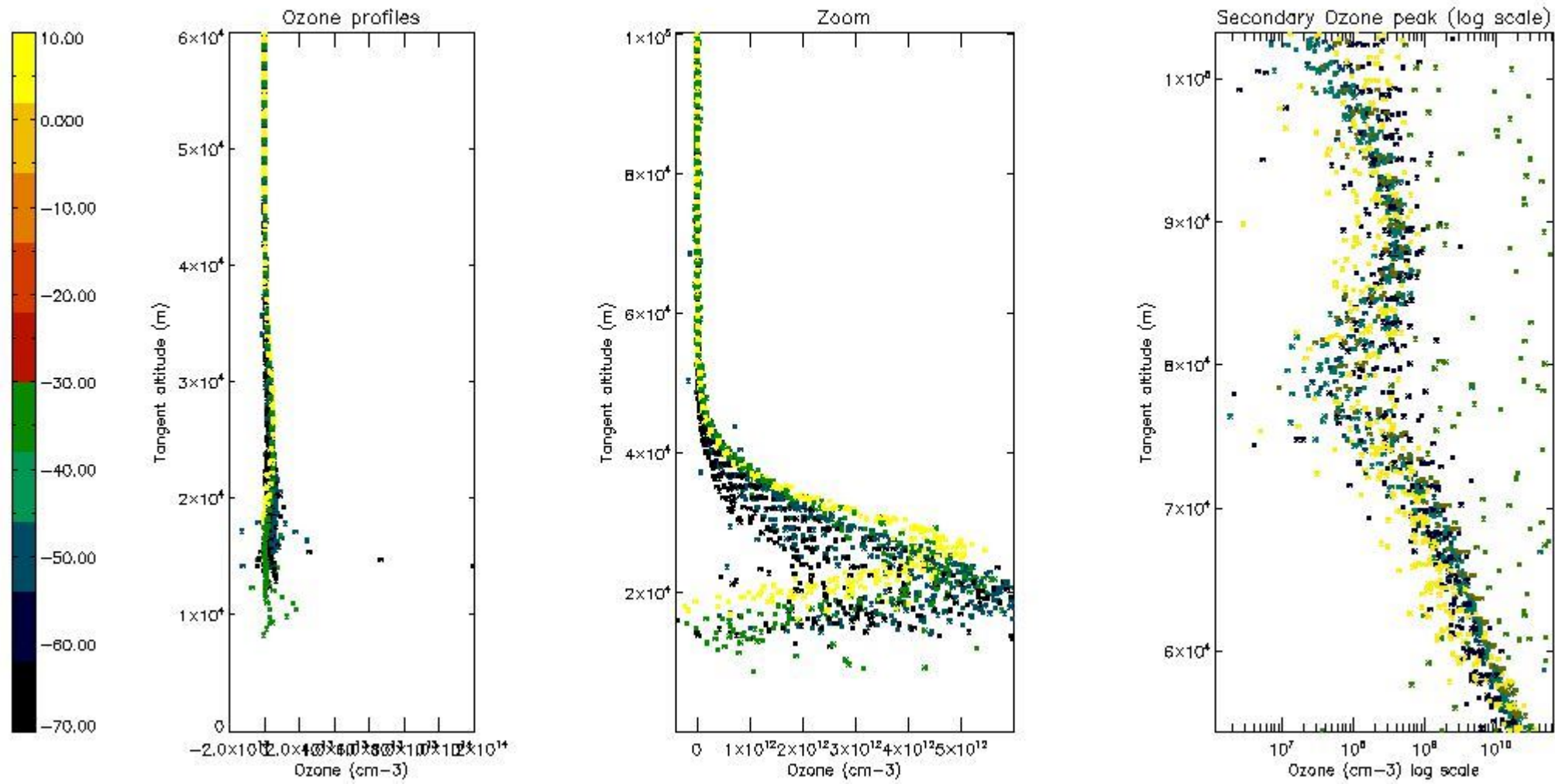
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	37
STD < 20	18

STD < 10	12
STD < 5	5

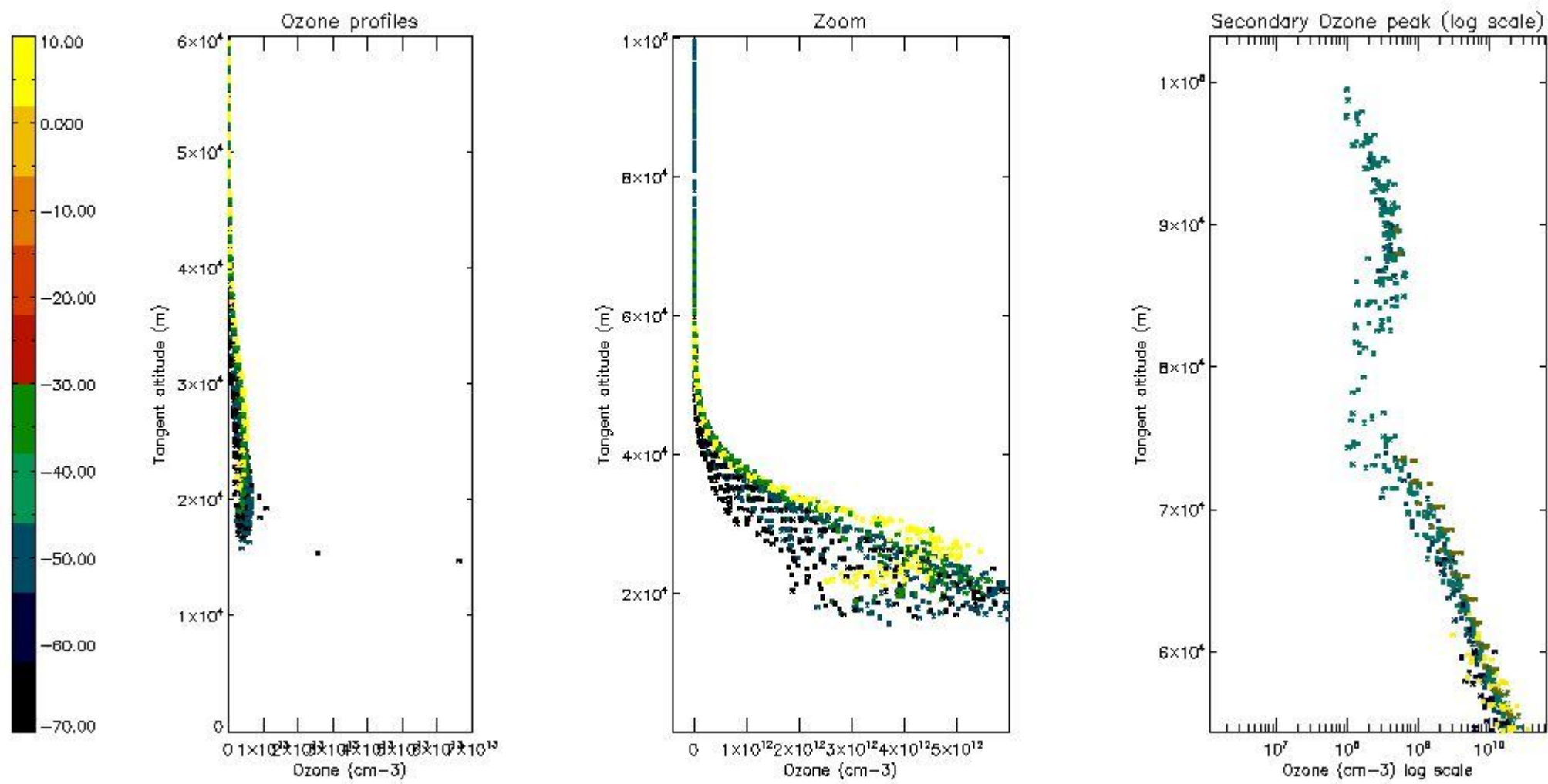
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



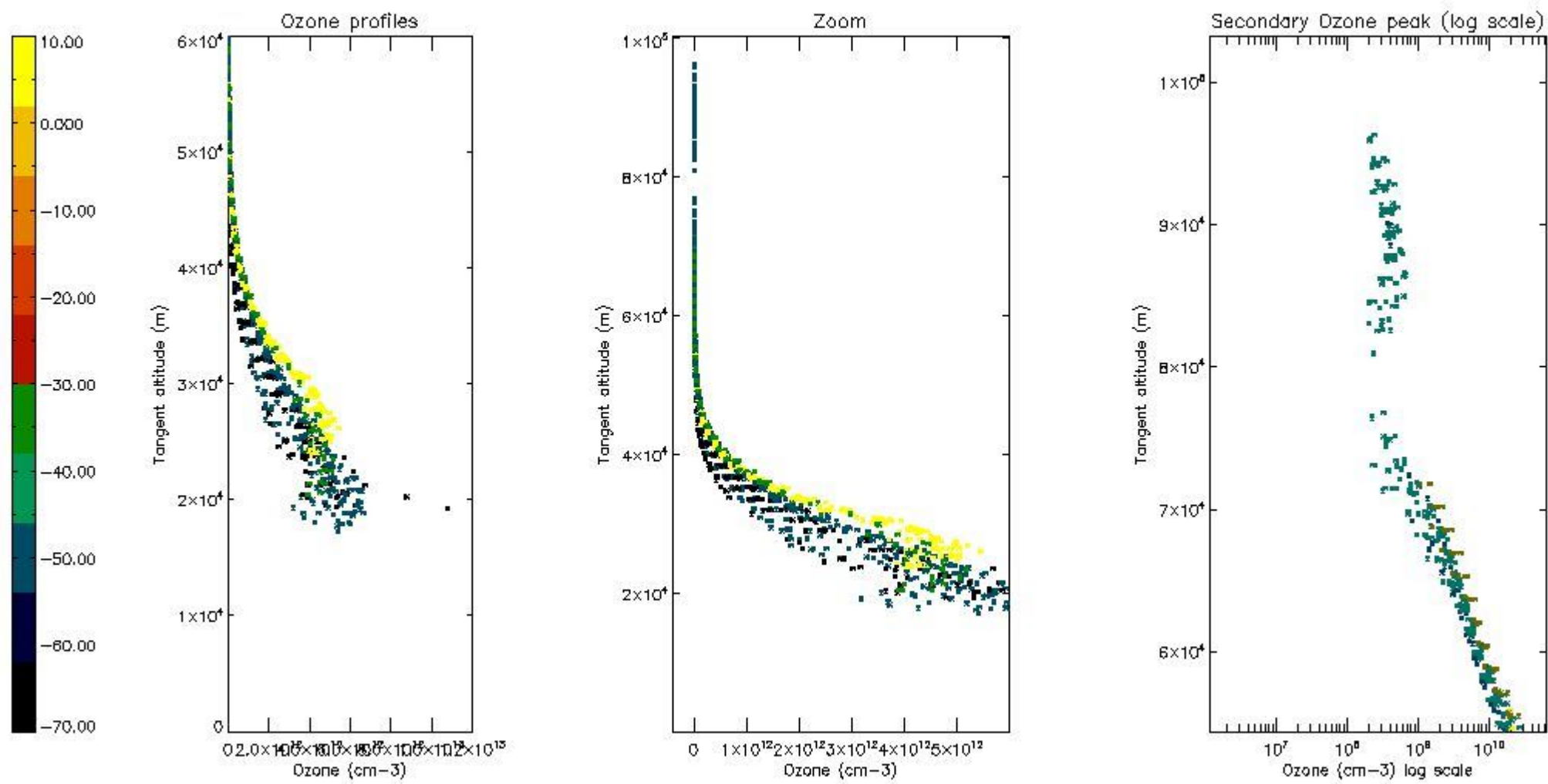
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



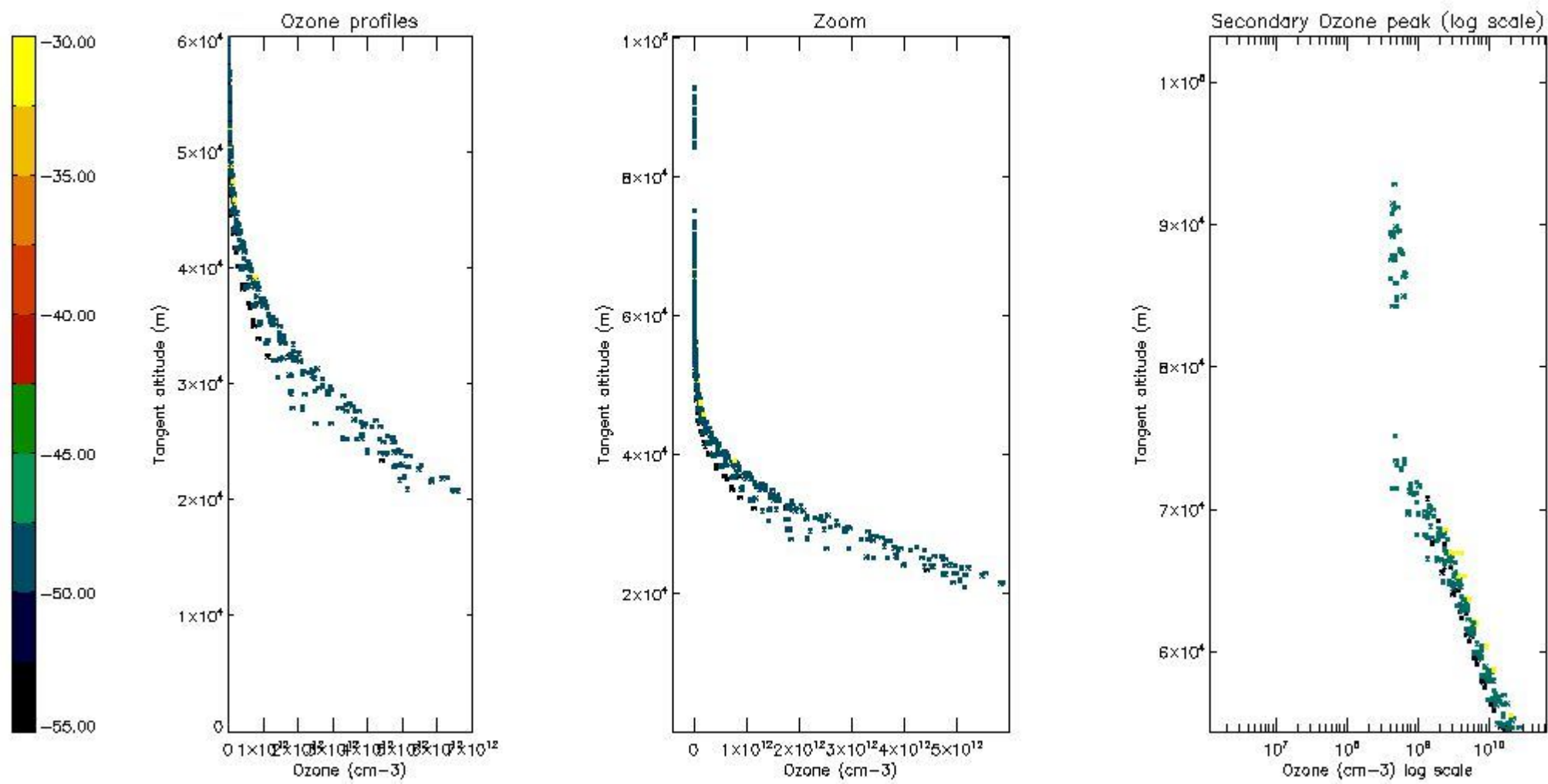
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



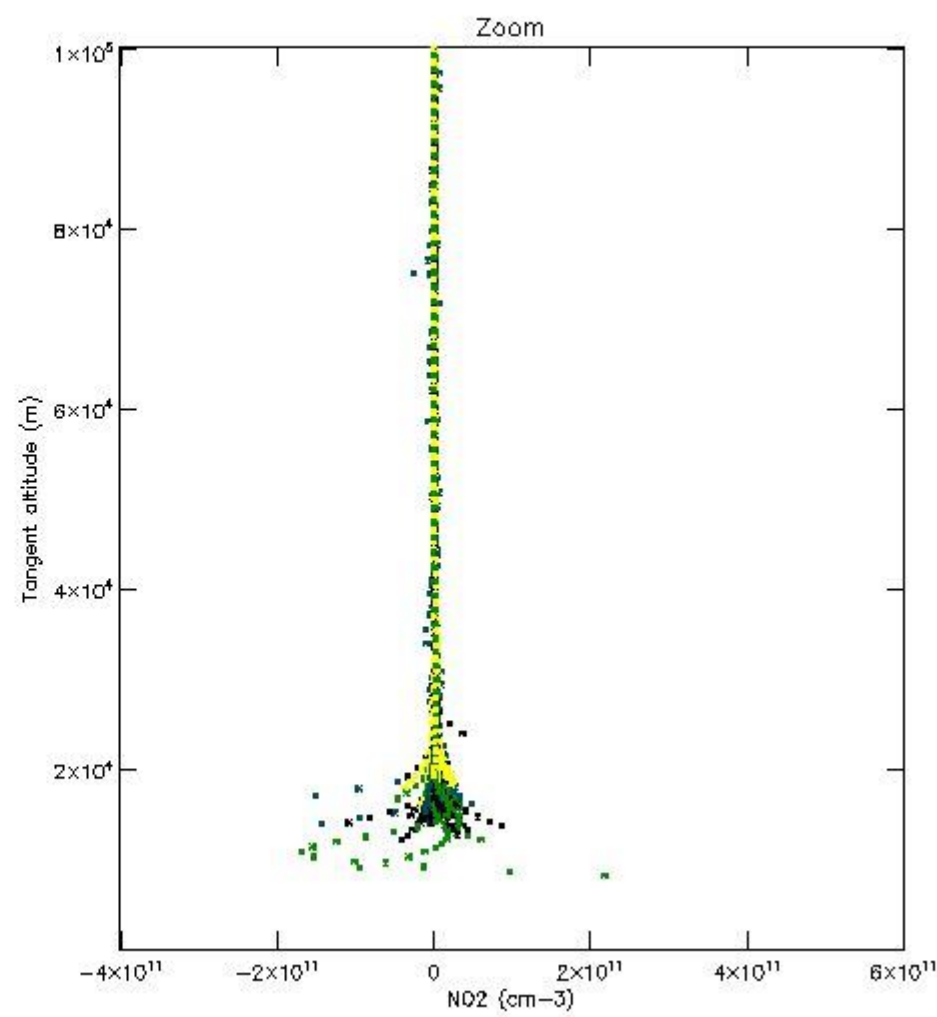
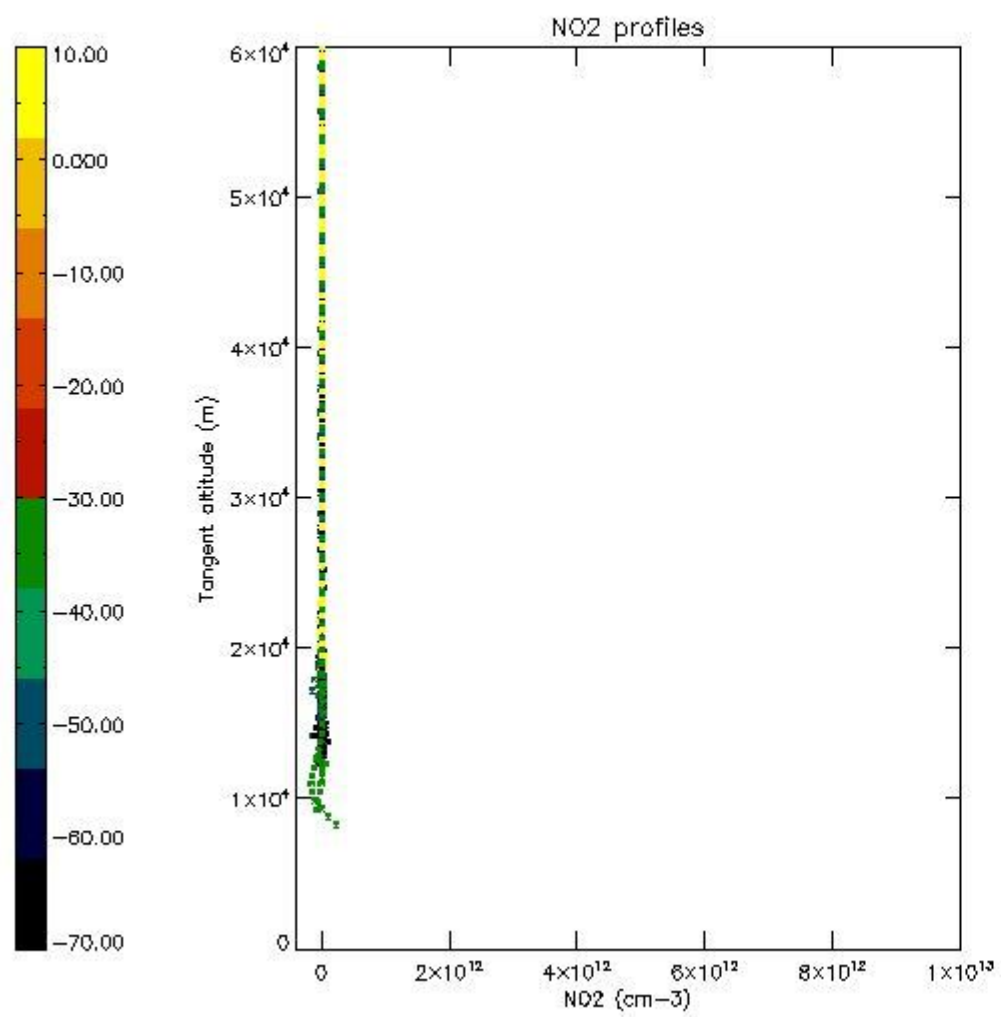
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



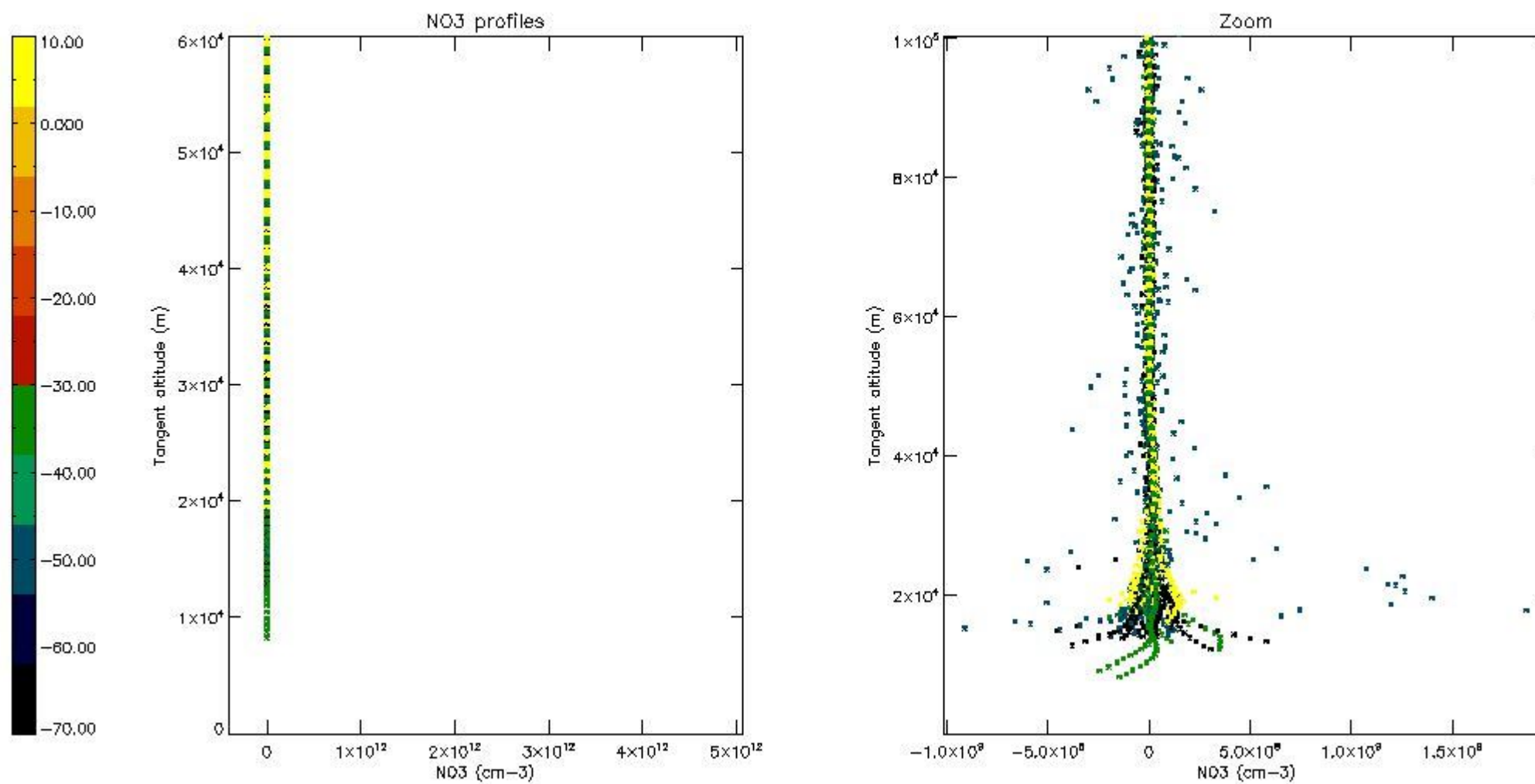
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

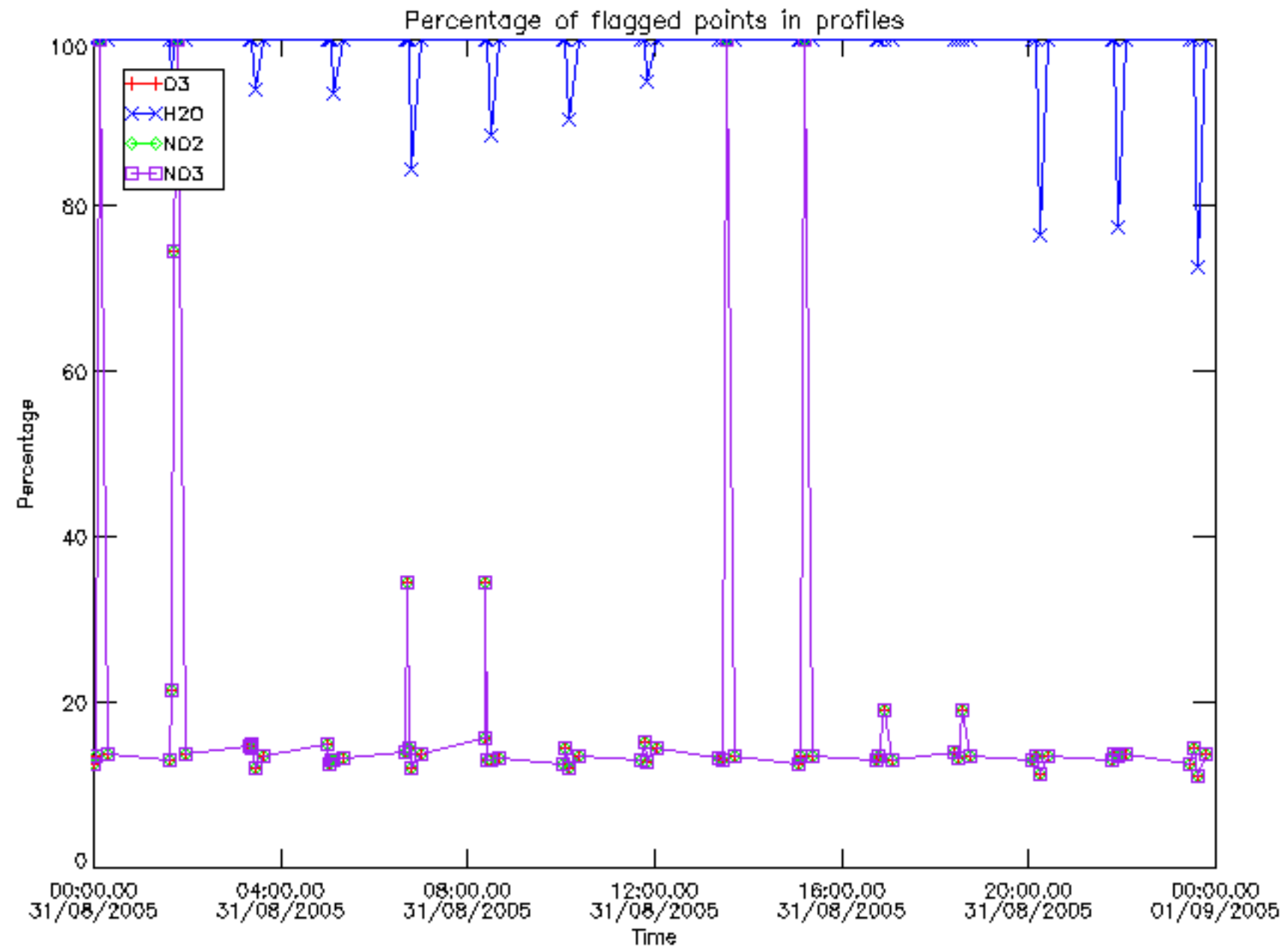
The colorbar represents the latitude.



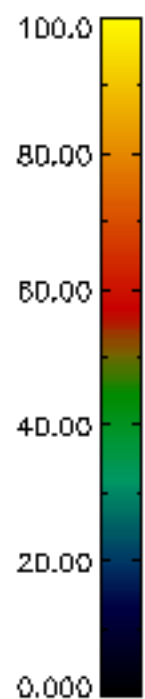
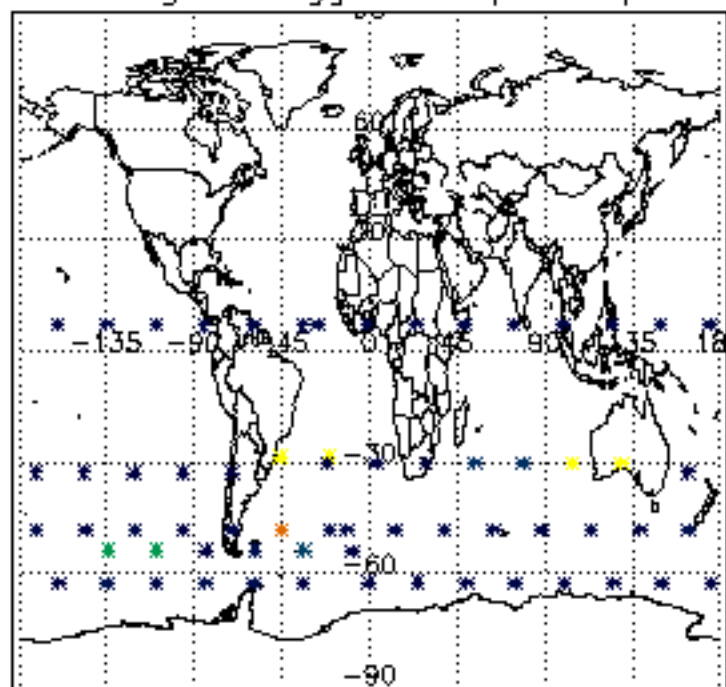
6. Auxiliary Data Files used for the production reported in section 2

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.

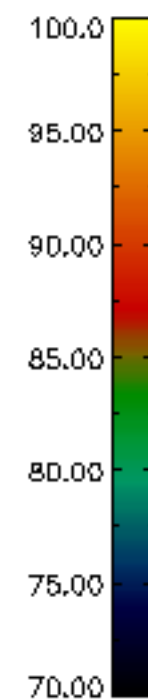
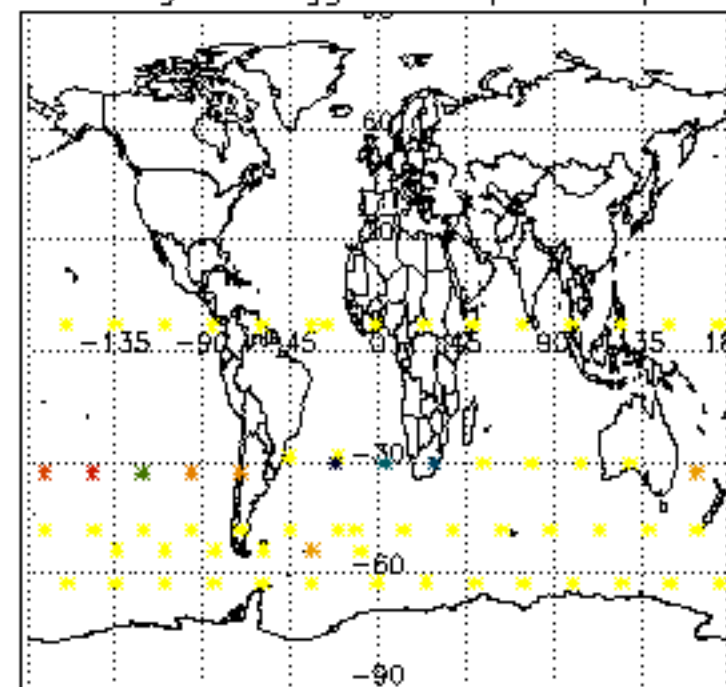
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	31-AUG-2005 00:00:02
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	31-AUG-2005 00:00:02
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	31-AUG-2005 00:00:02



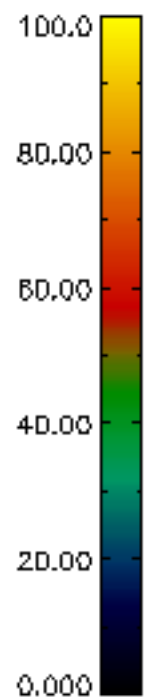
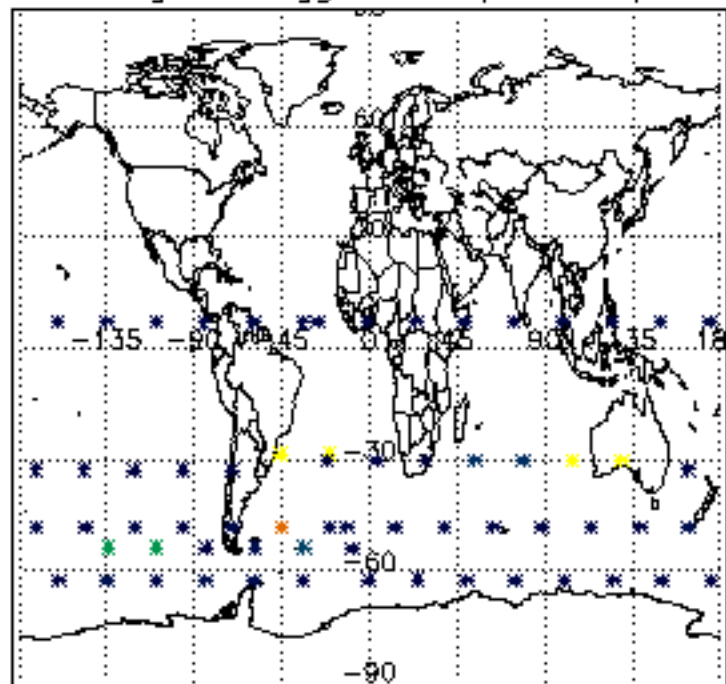
Percentage of flagged data per D3 profile



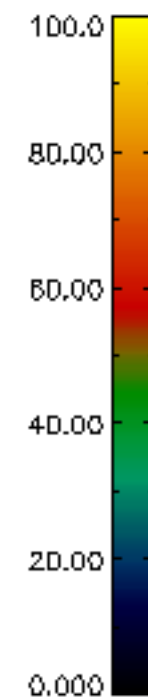
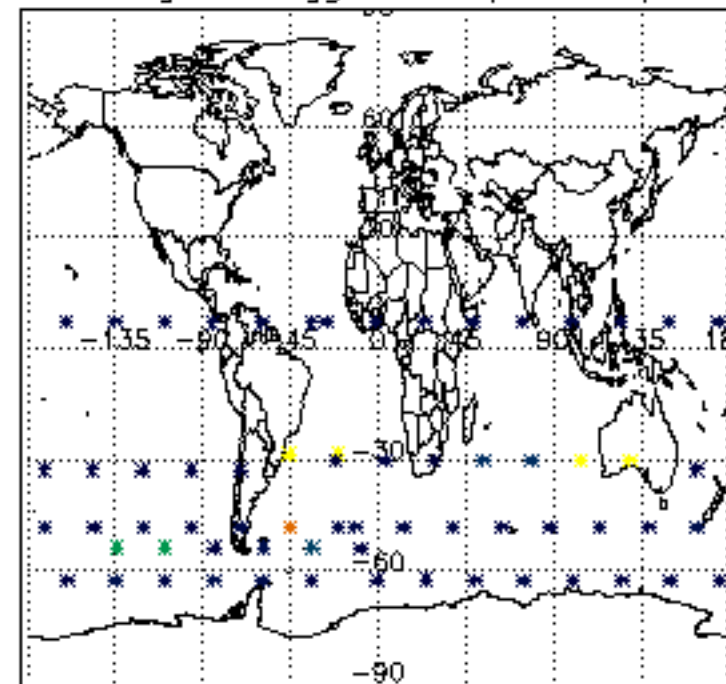
Percentage of flagged data per H2O profile

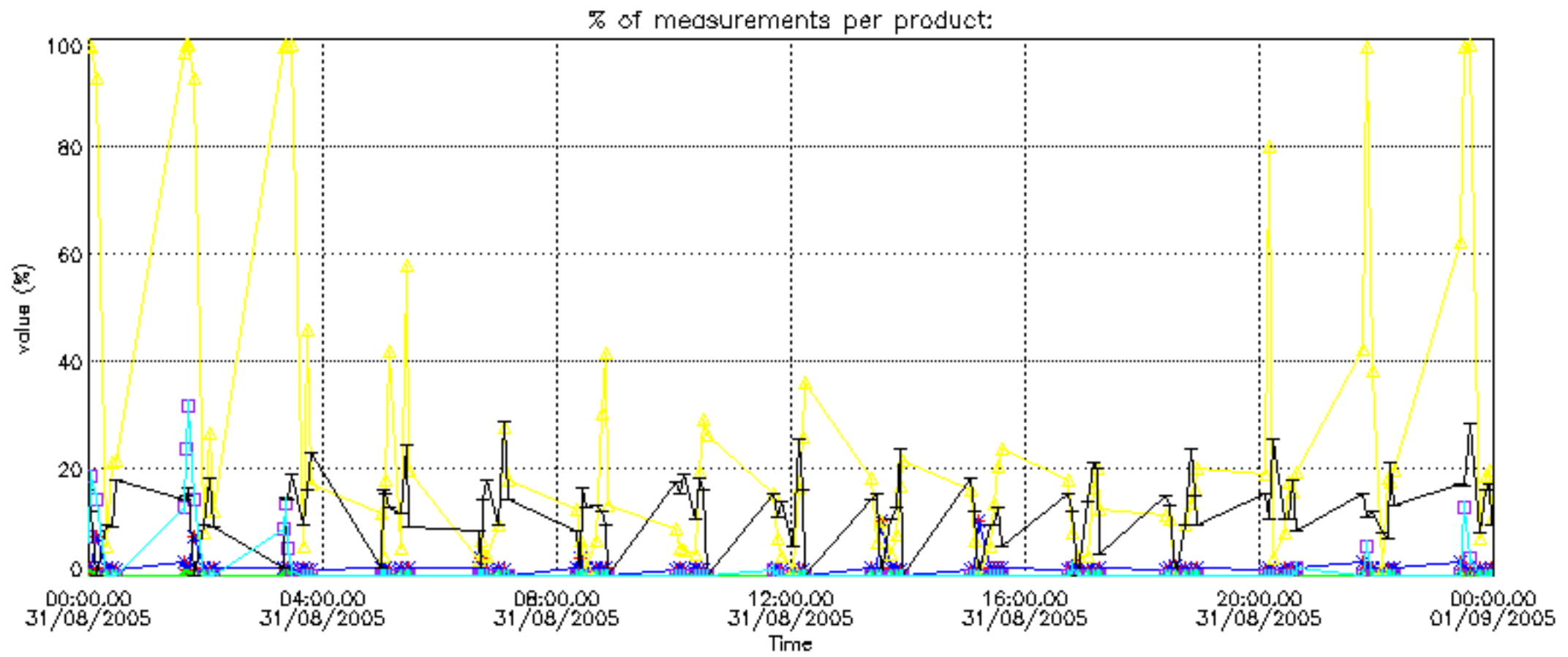


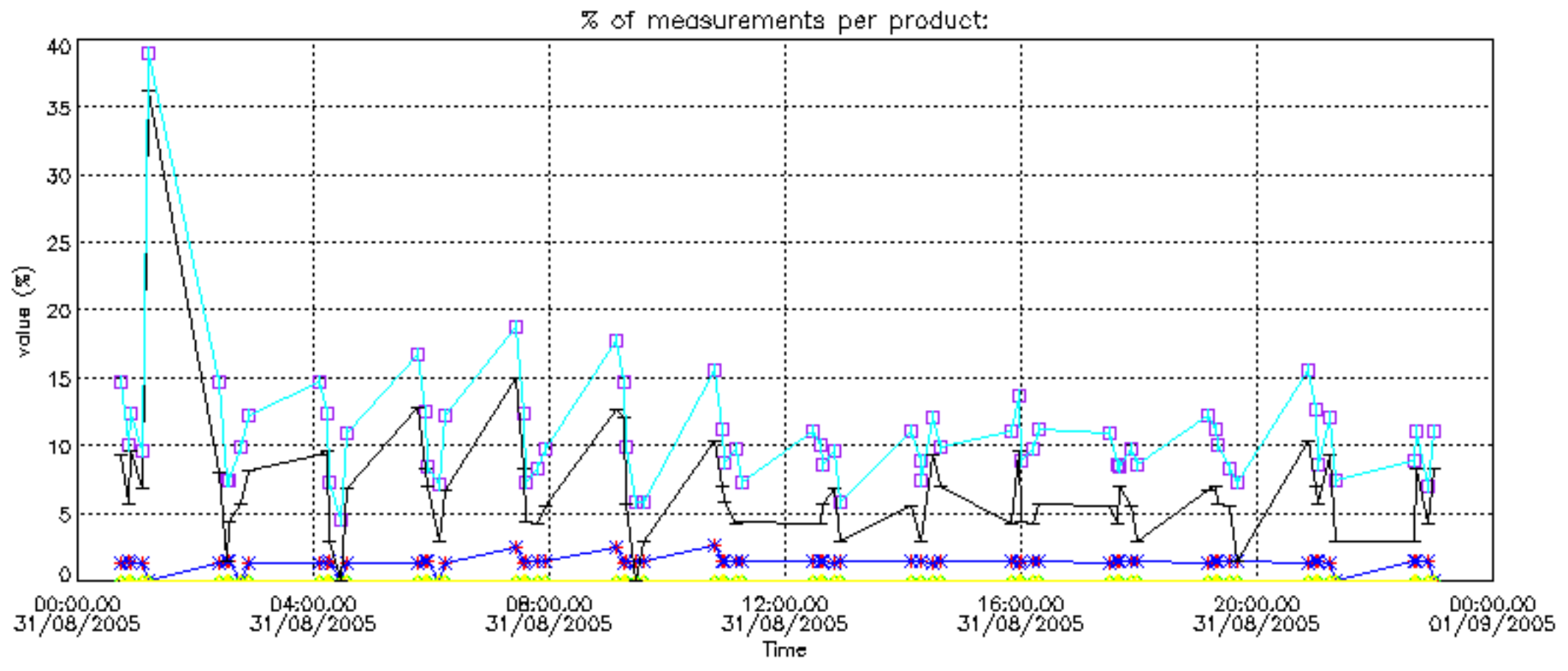
Percentage of flagged data per NO2 profile



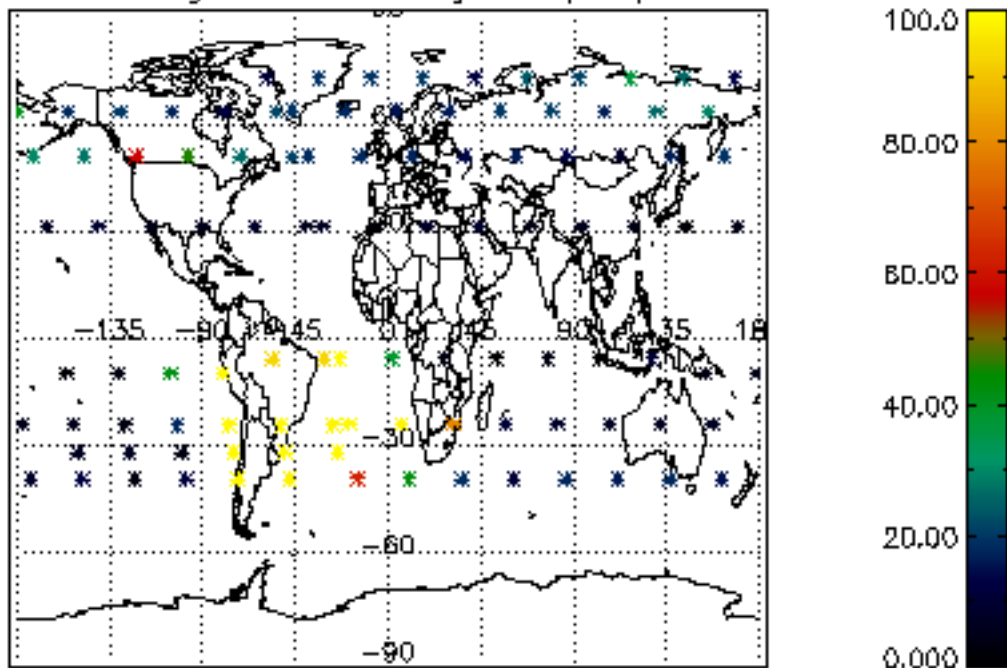
Percentage of flagged data per NO3 profile



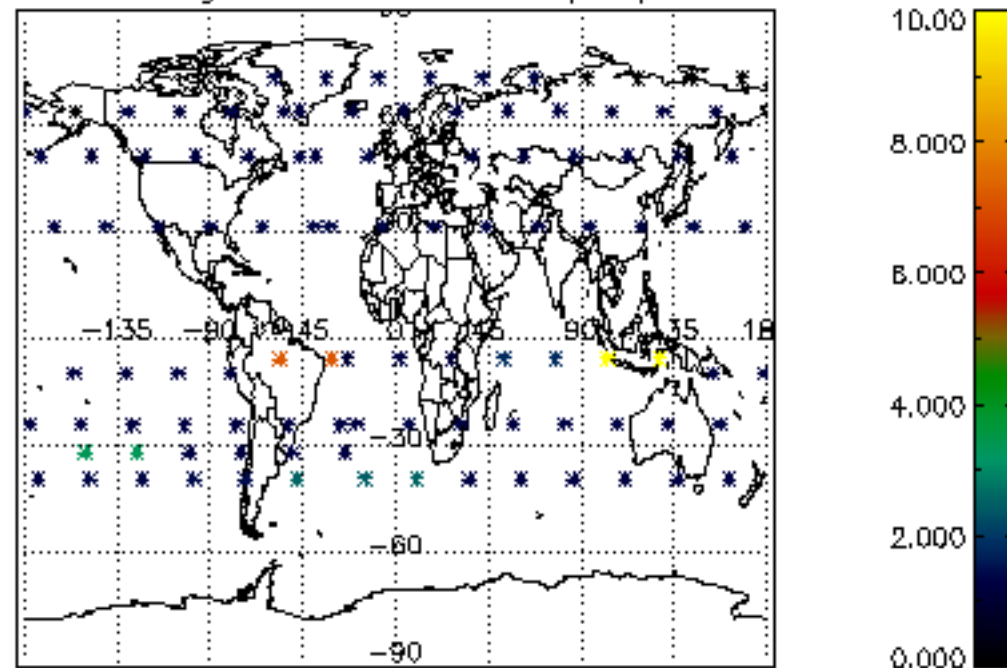




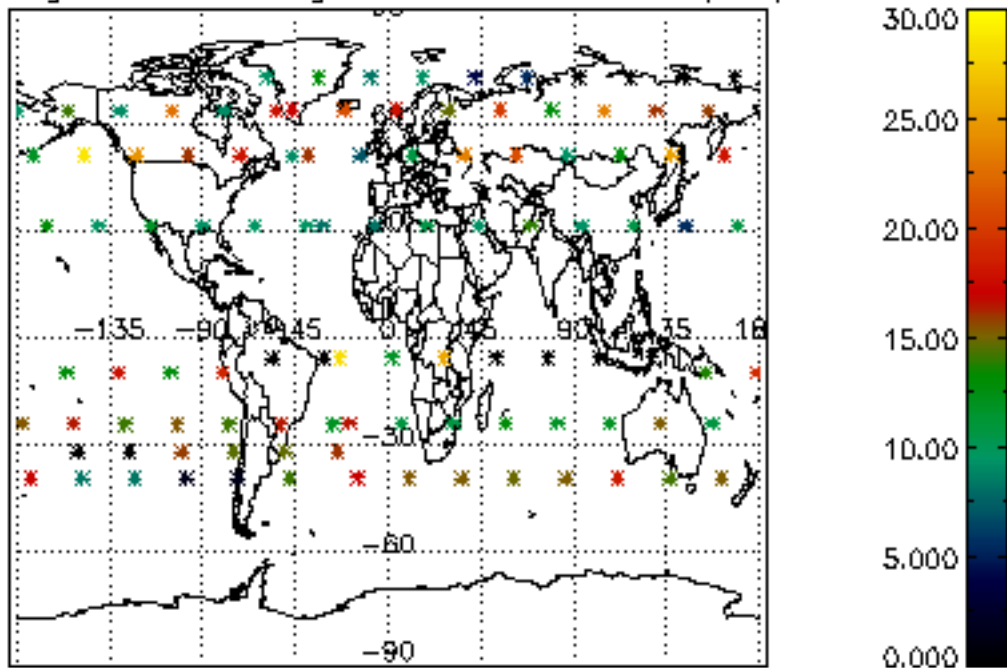
Percentage of cosmic ray hits per profile



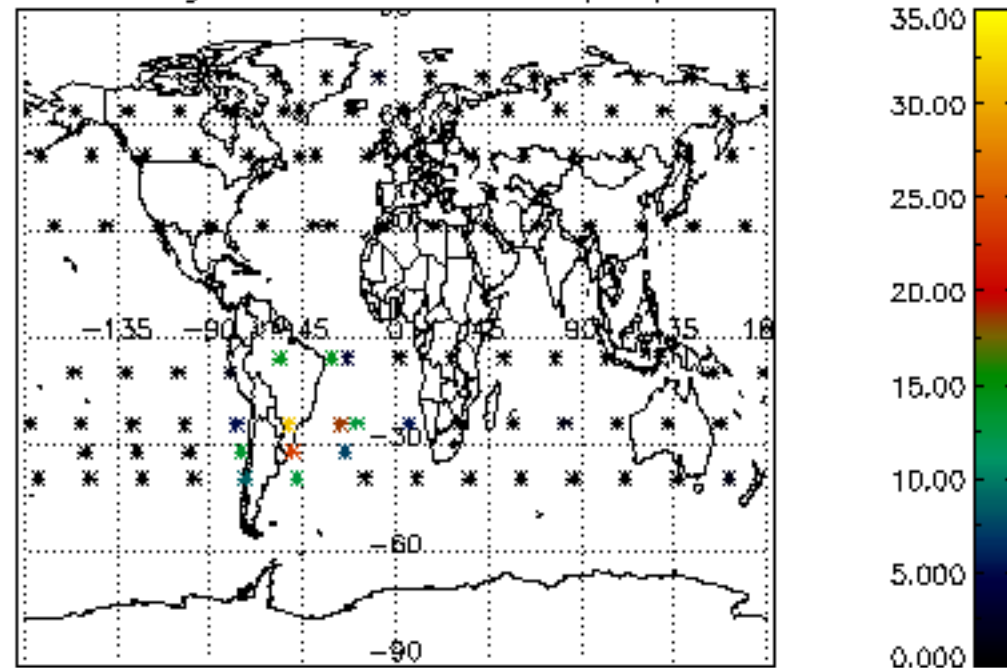
Percentage of datation errors per profile



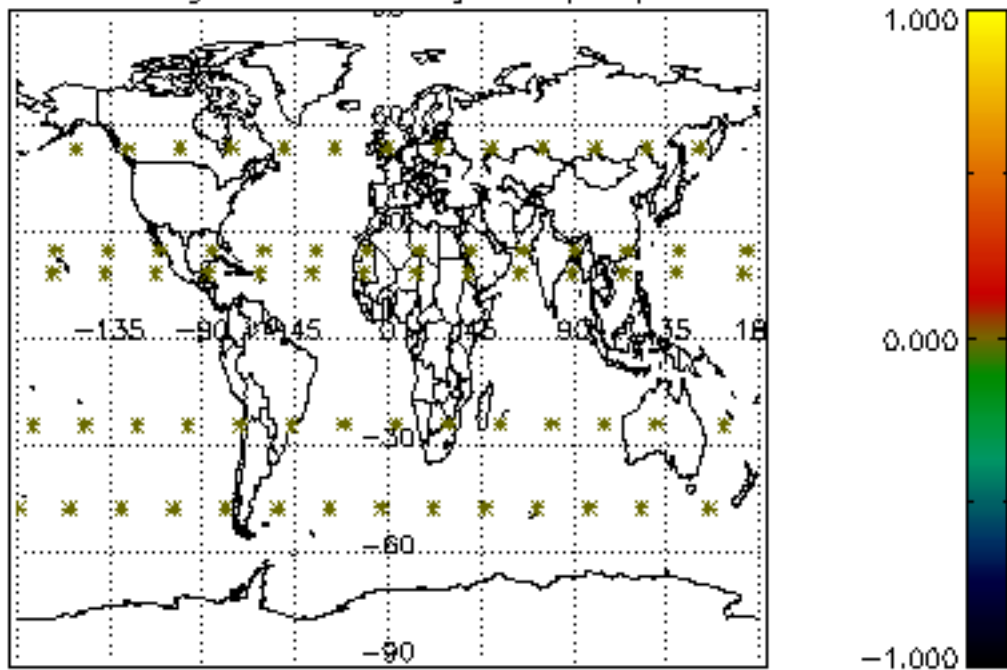
Percentage of star falling outside central band per profile



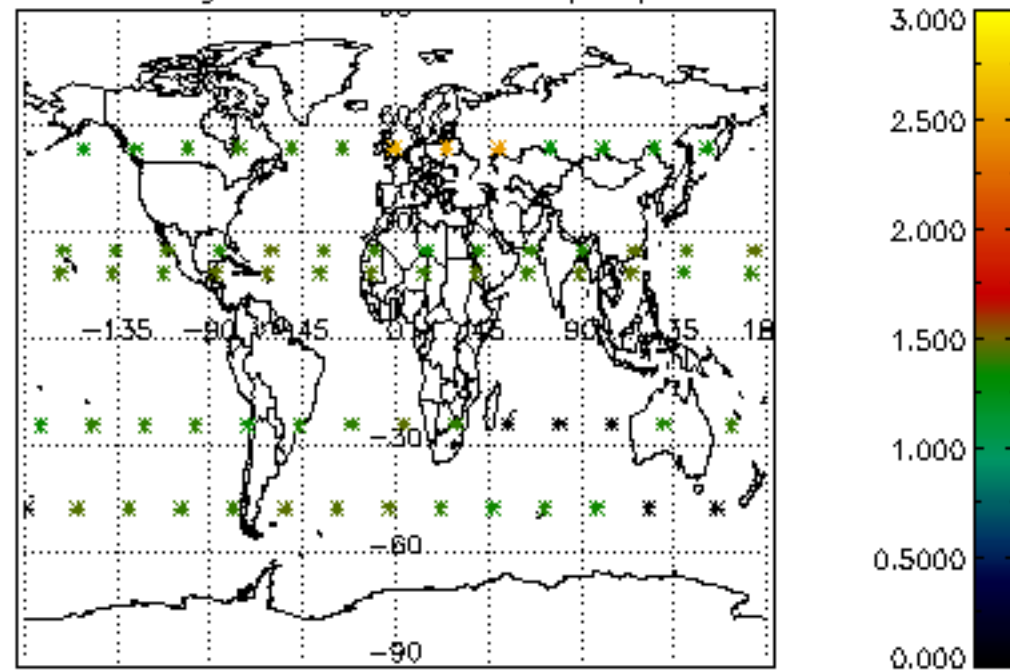
Percentage of saturation errors per profile



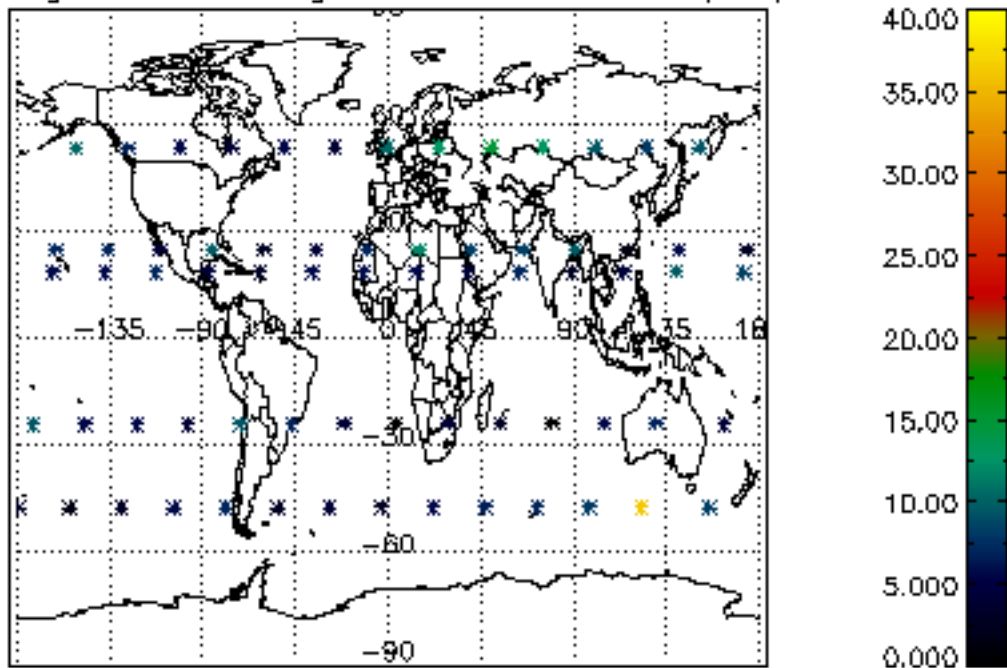
Percentage of cosmic ray hits per profile



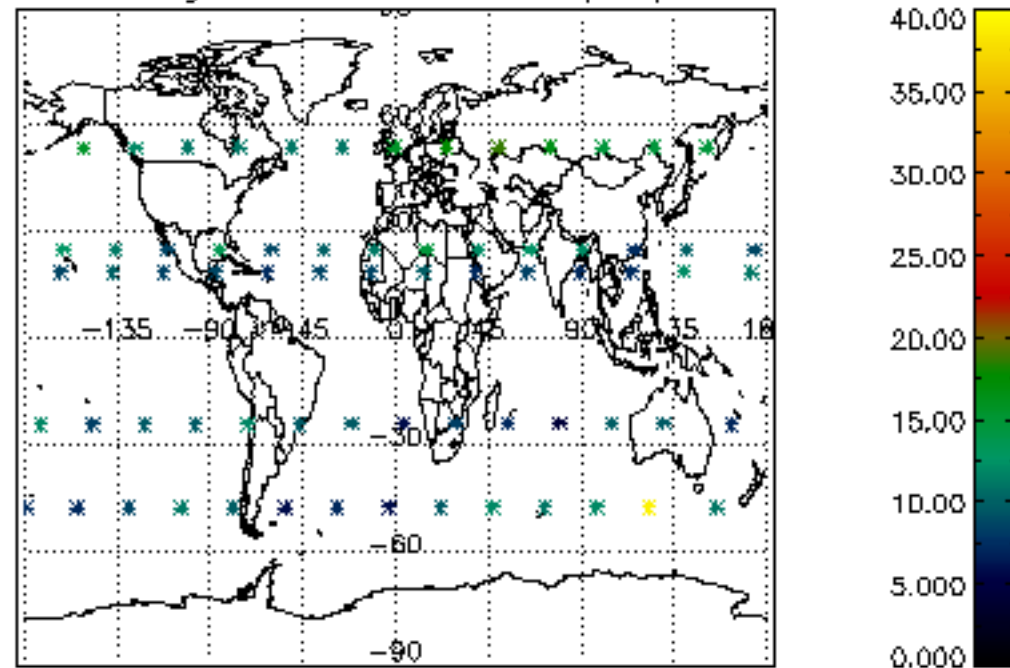
Percentage of datation errors per profile

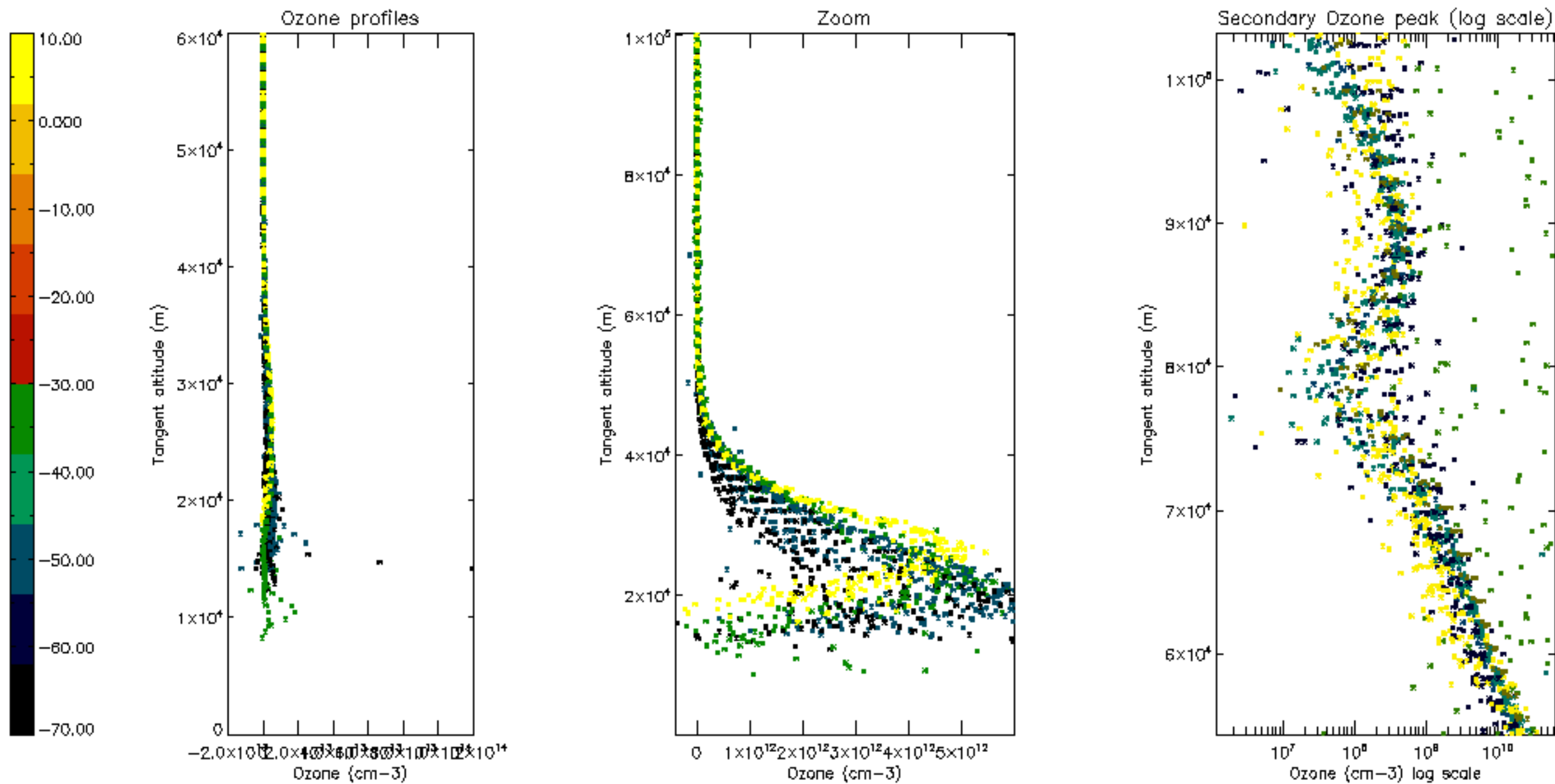


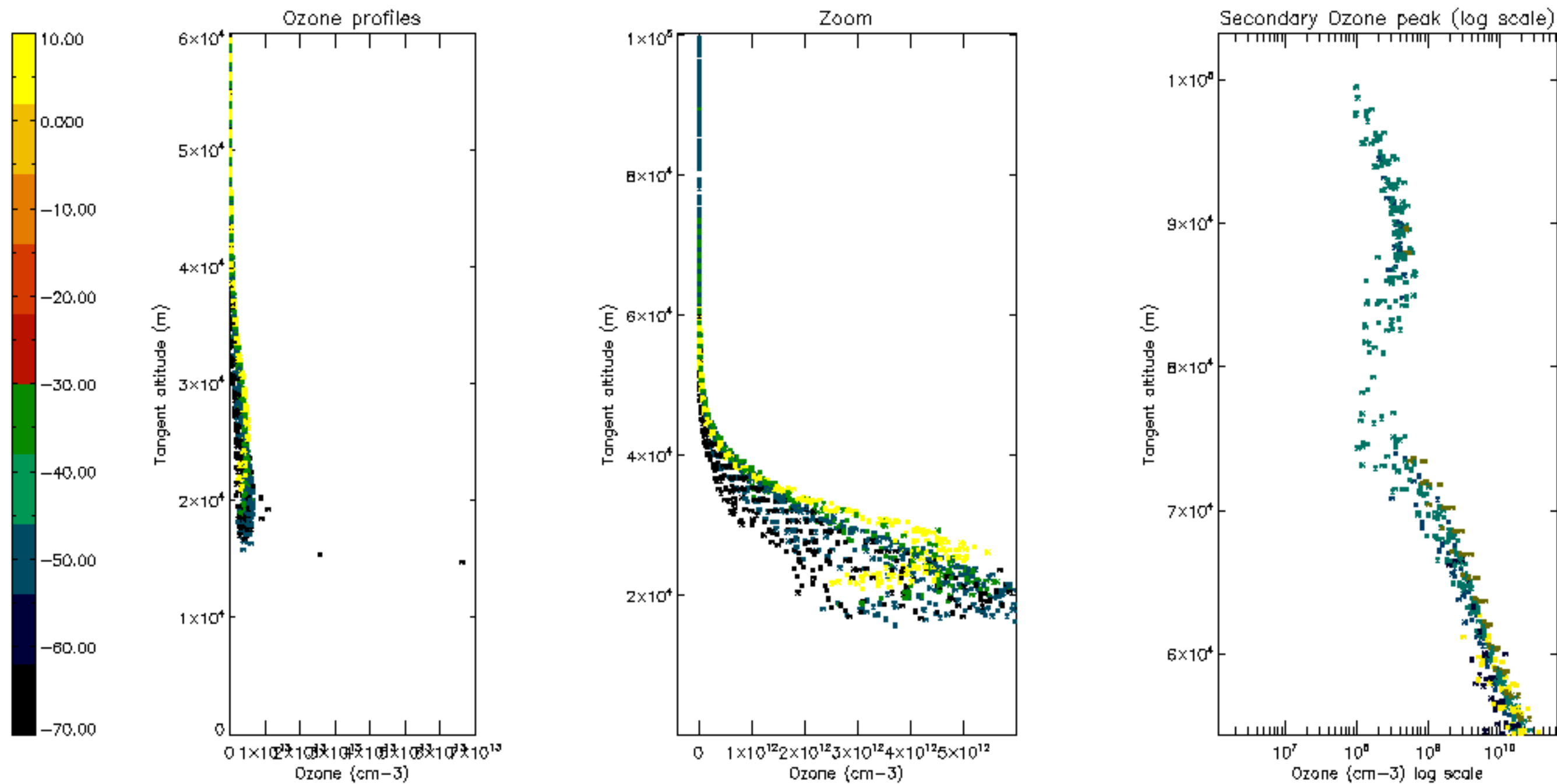
Percentage of star falling outside central band per profile

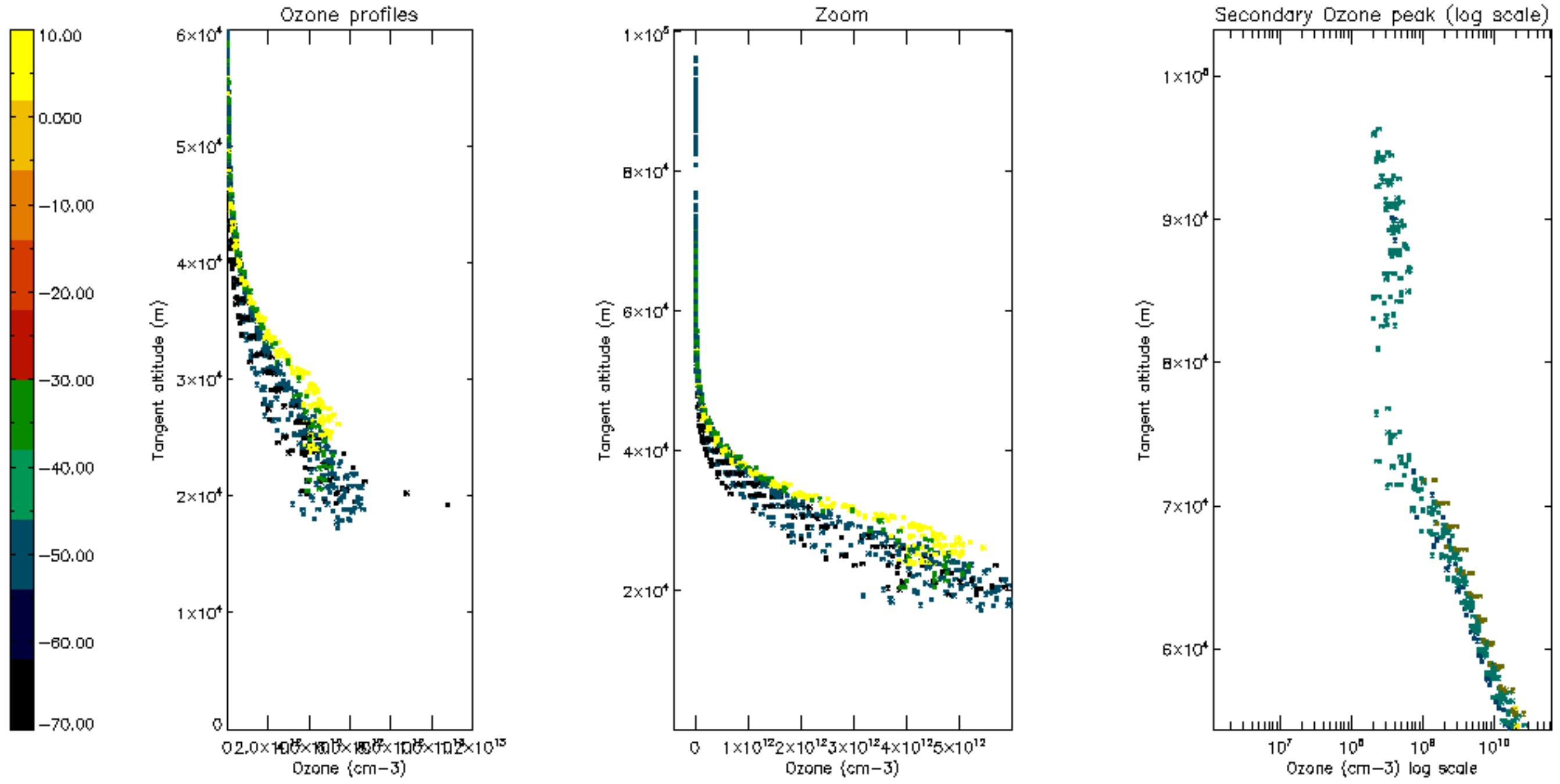


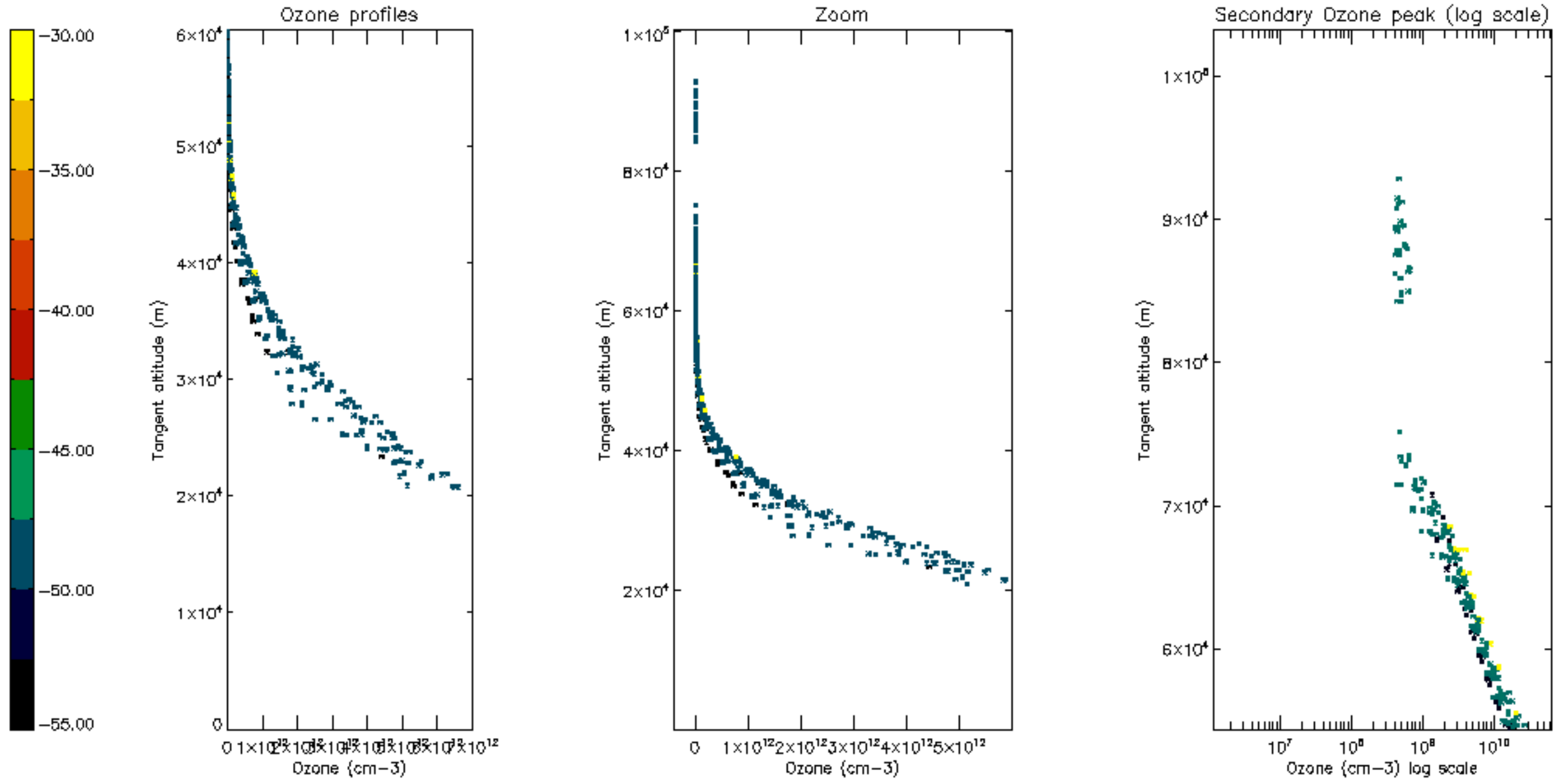
Percentage of saturation errors per profile

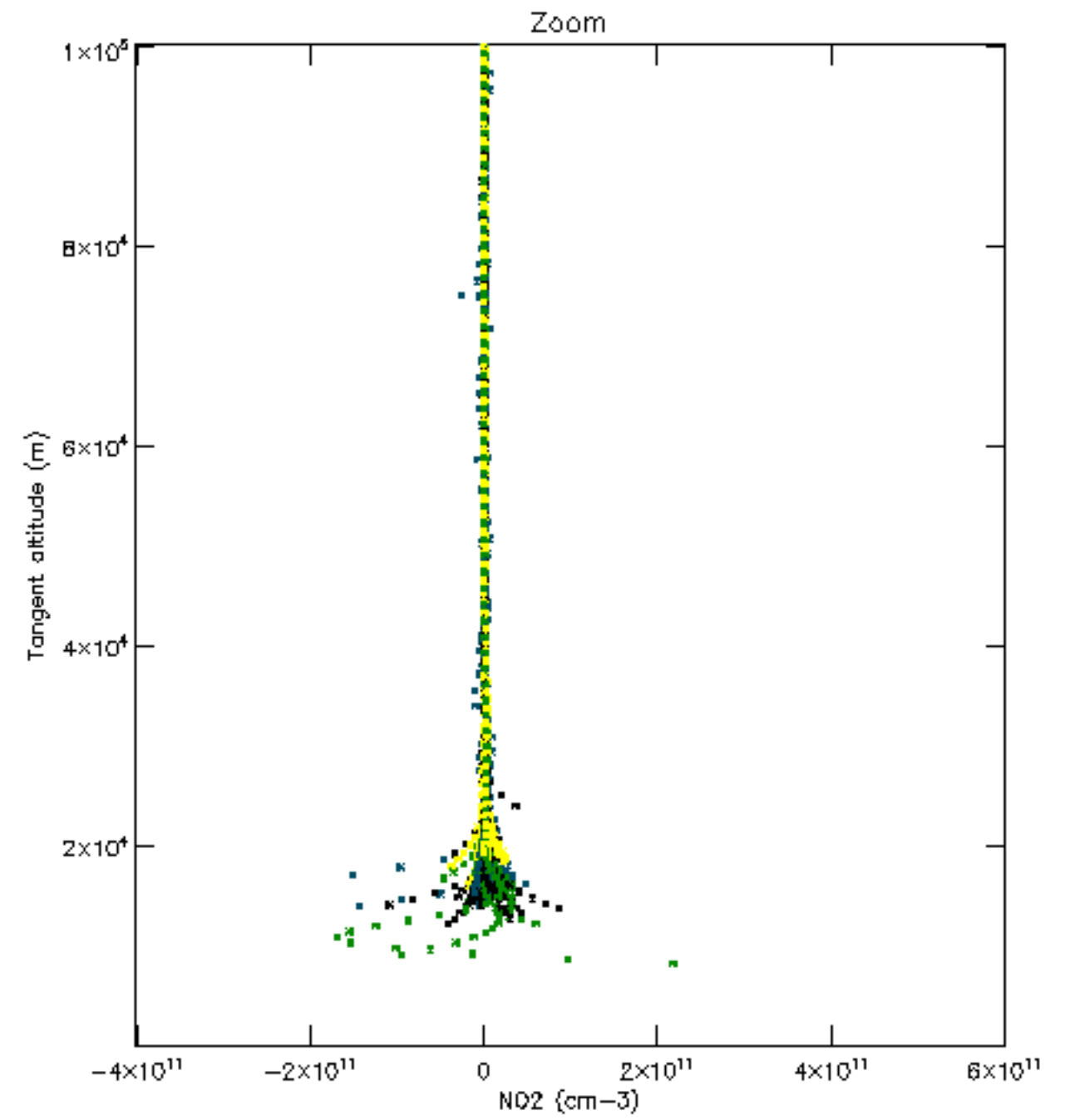
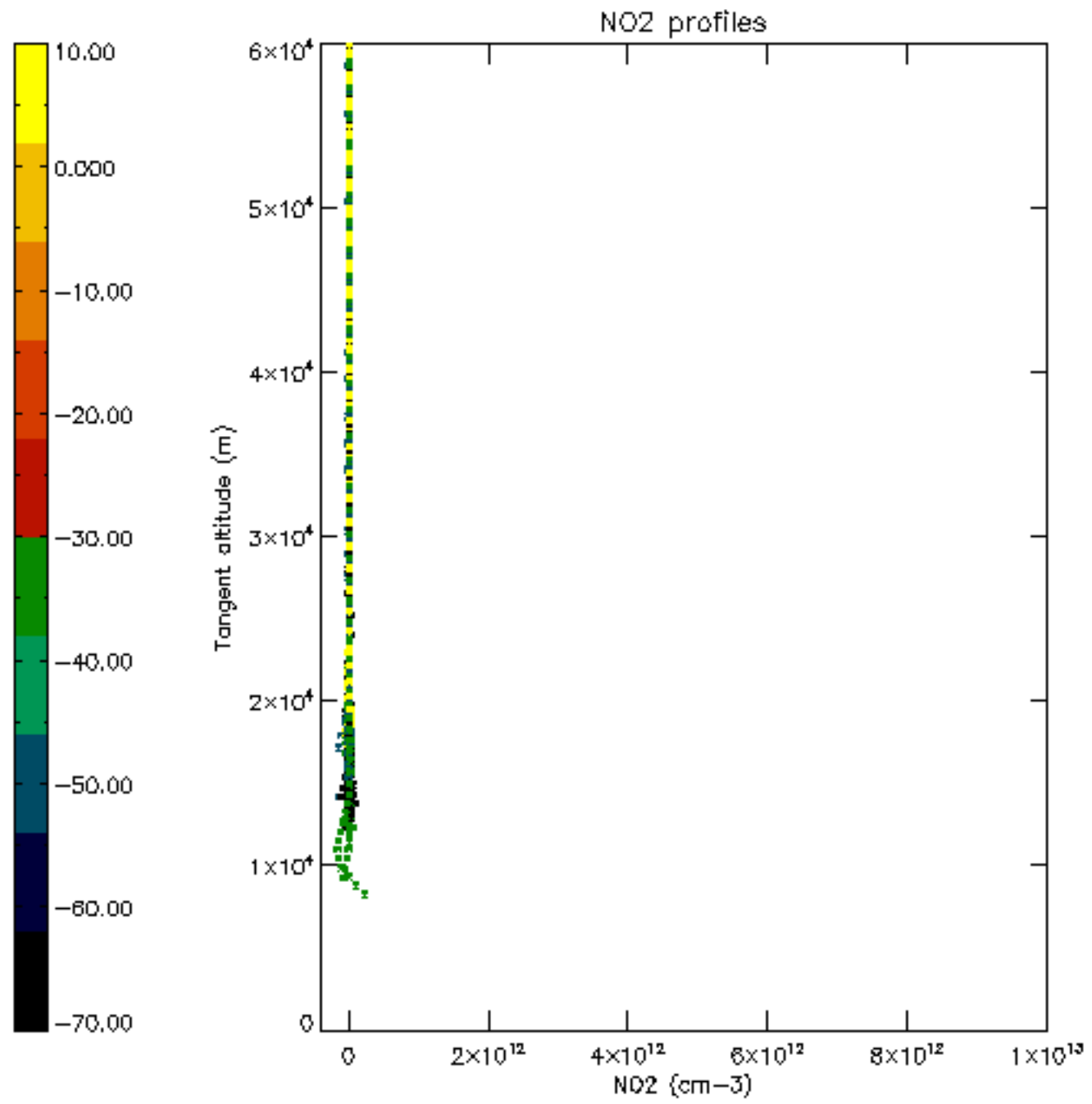


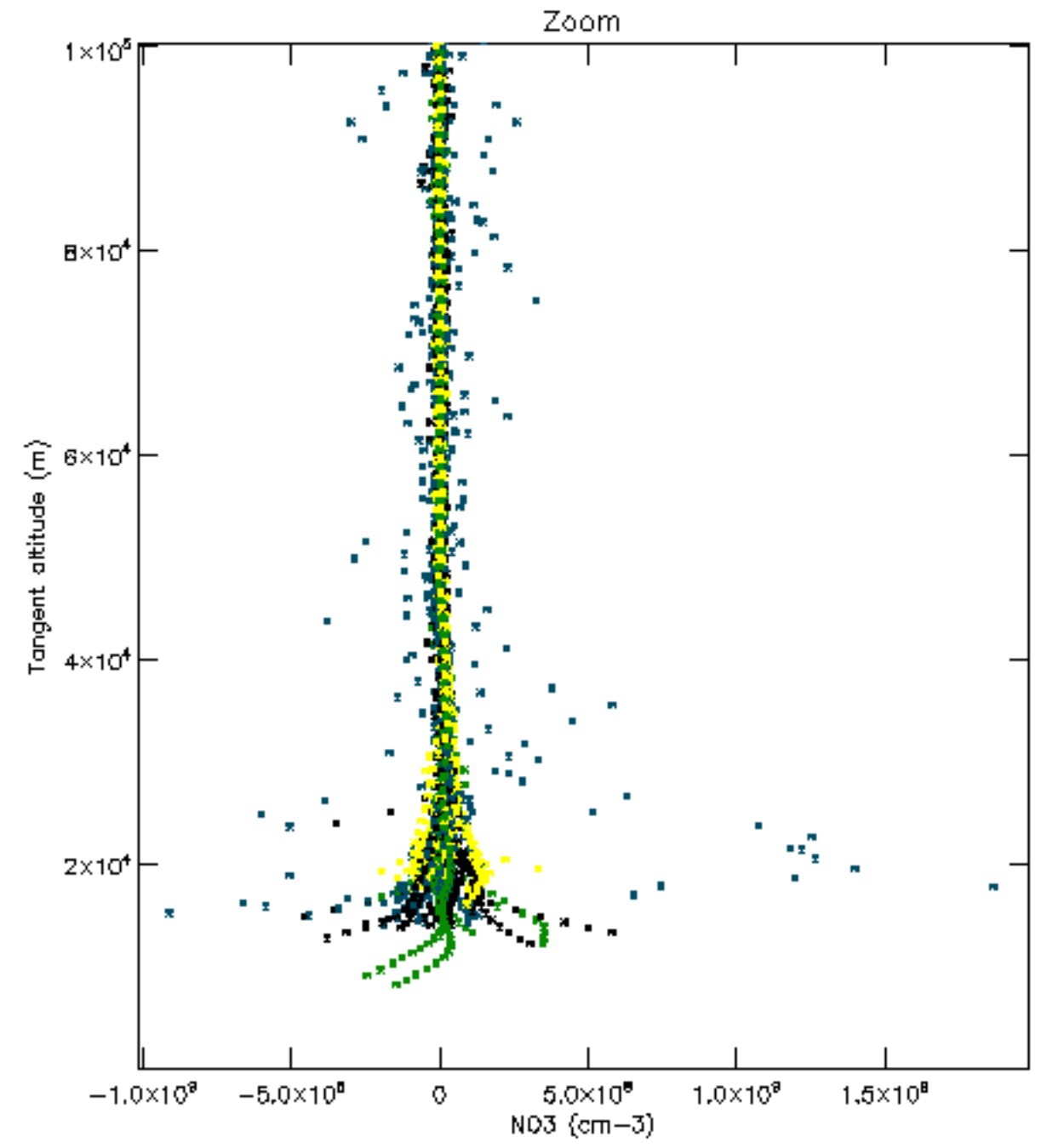
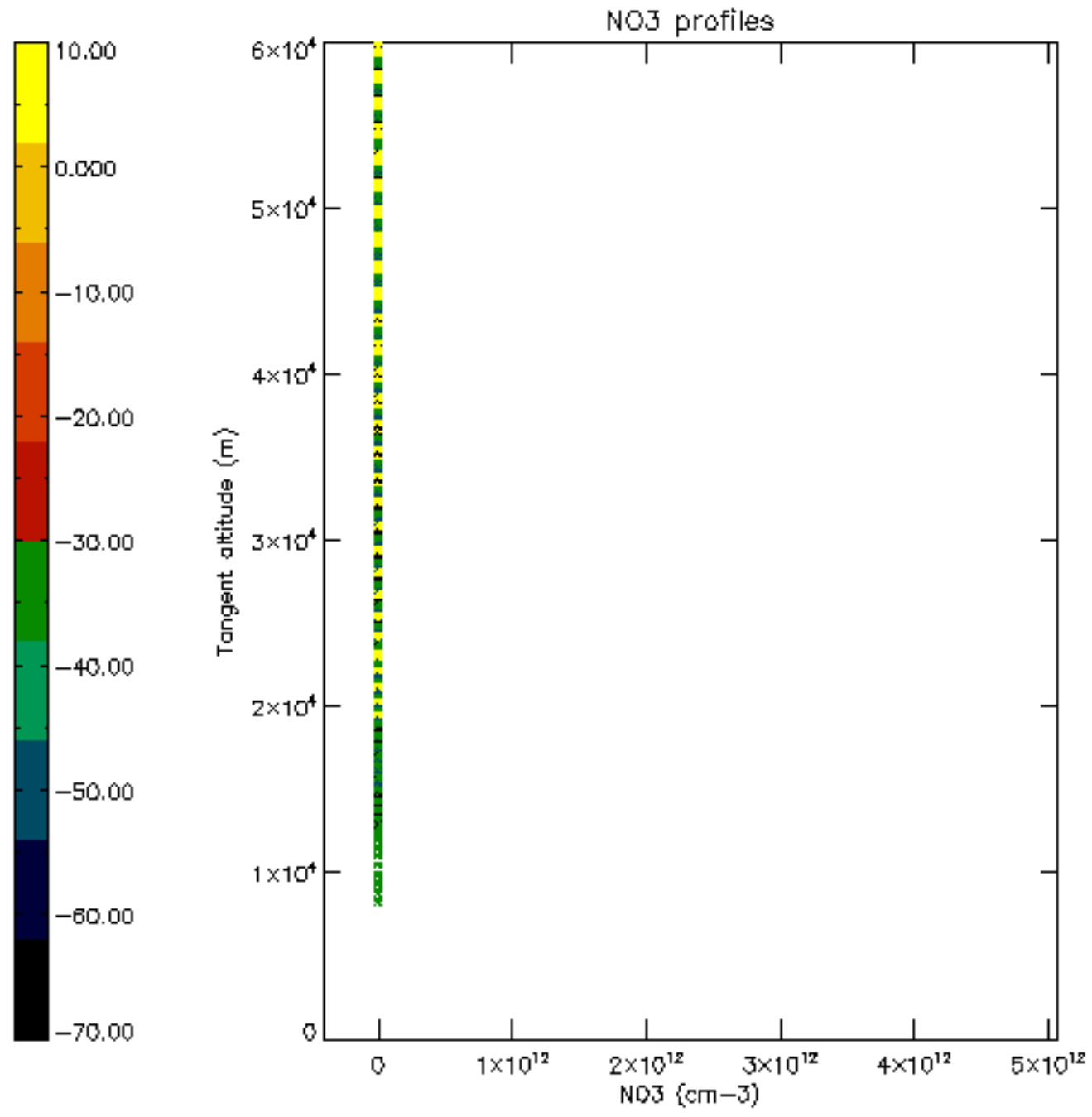


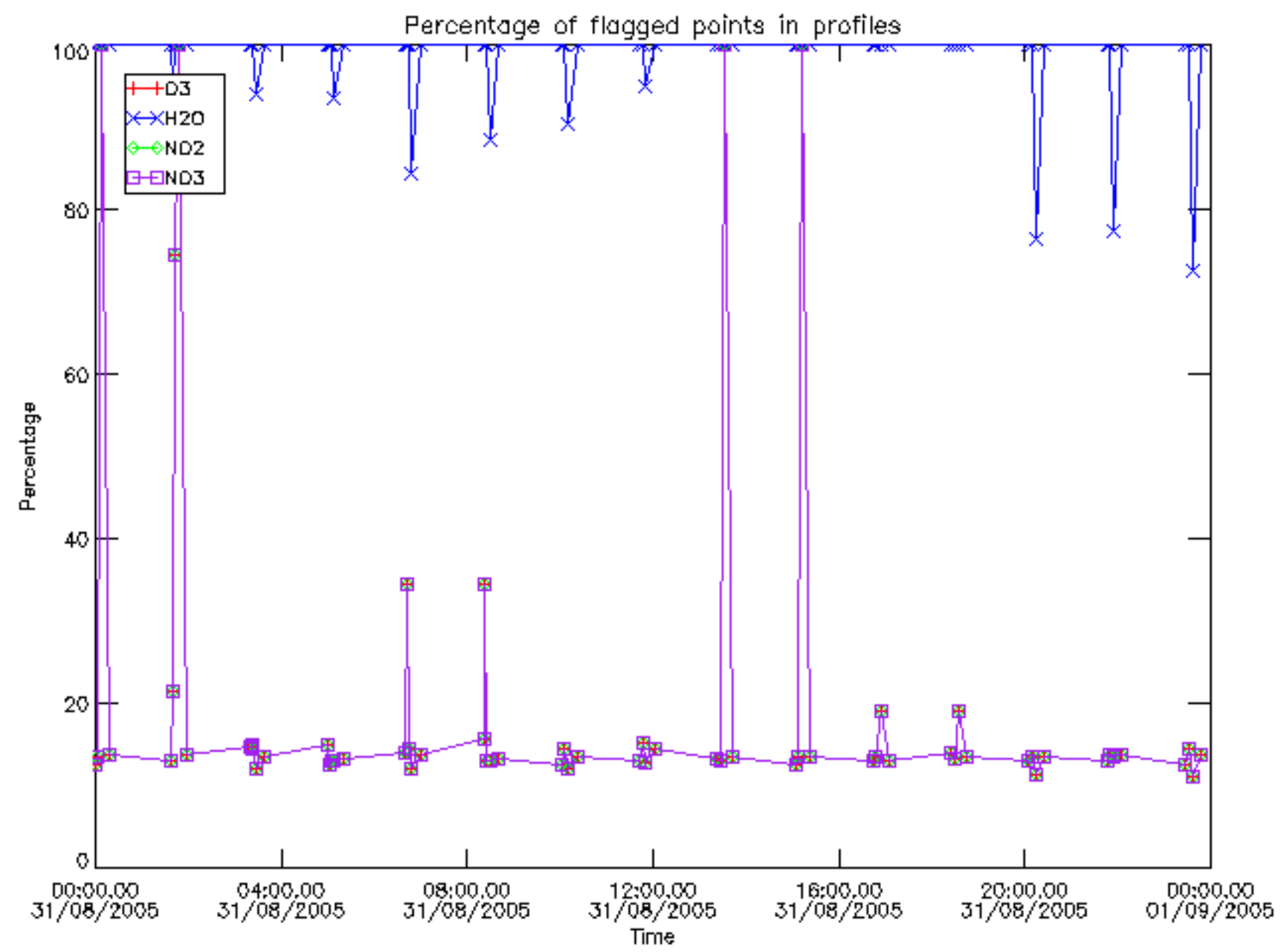




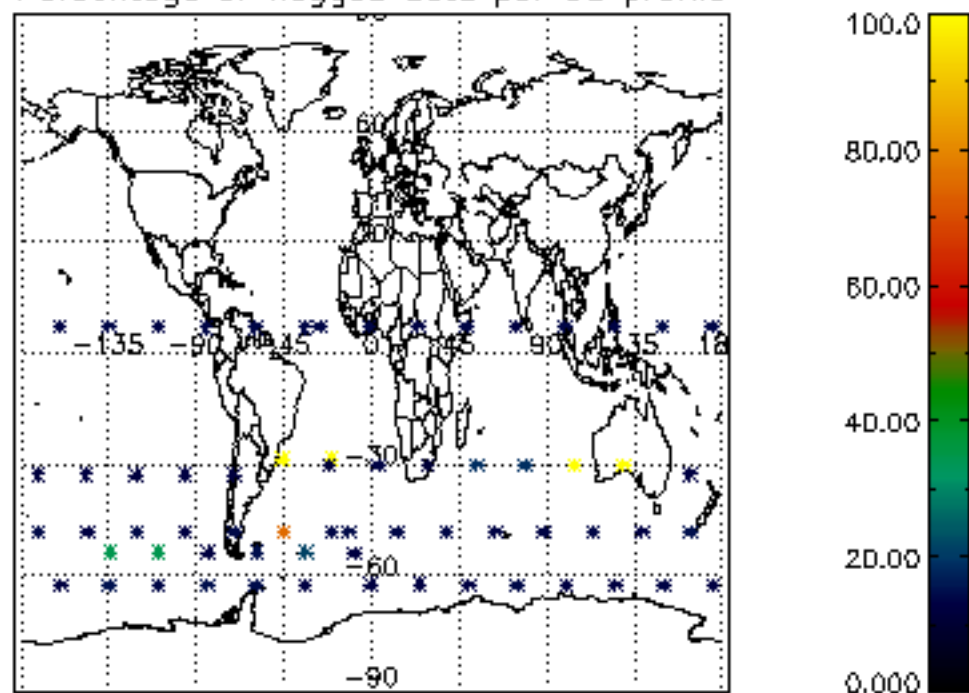




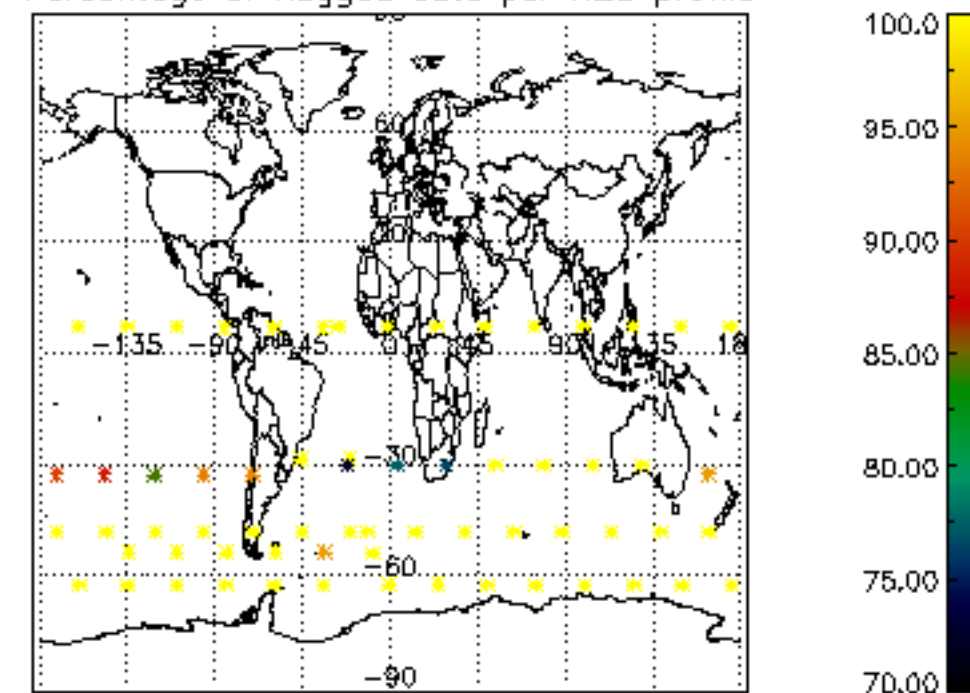




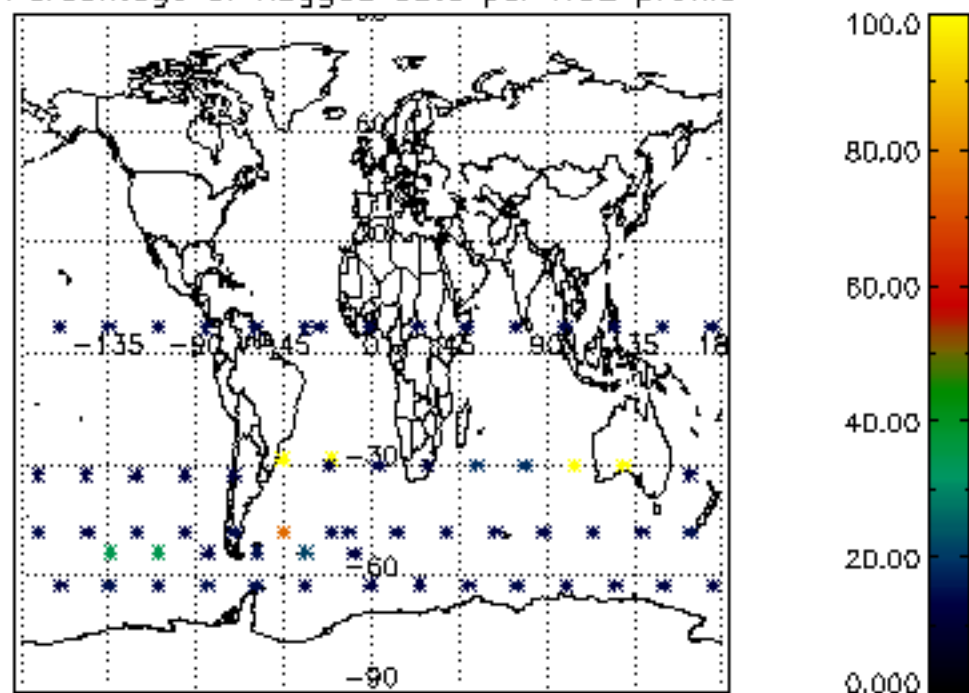
Percentage of flagged data per D3 profile



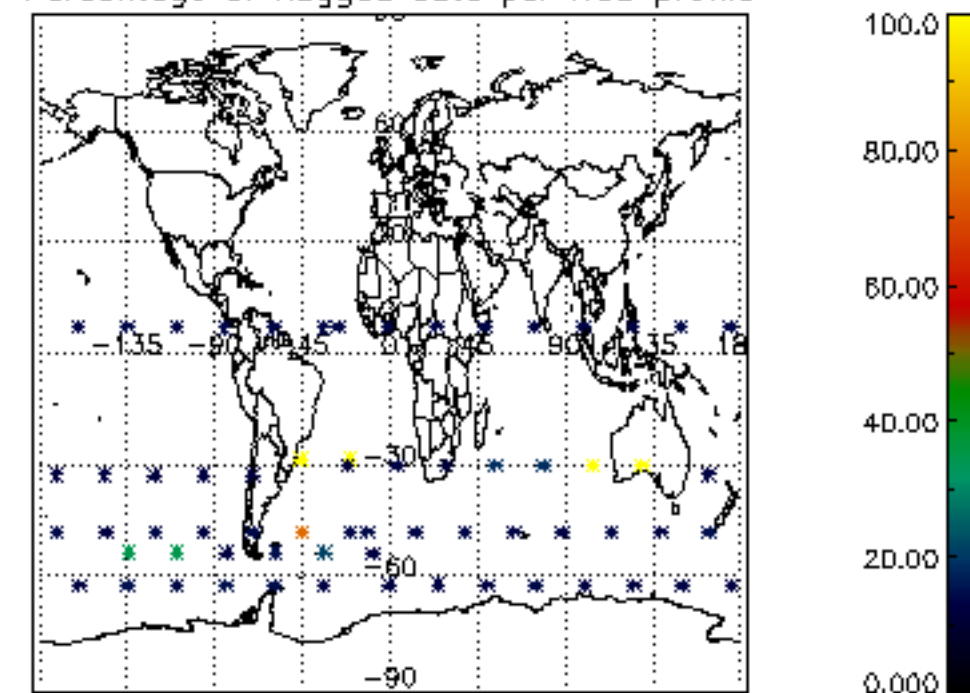
Percentage of flagged data per H2O profile

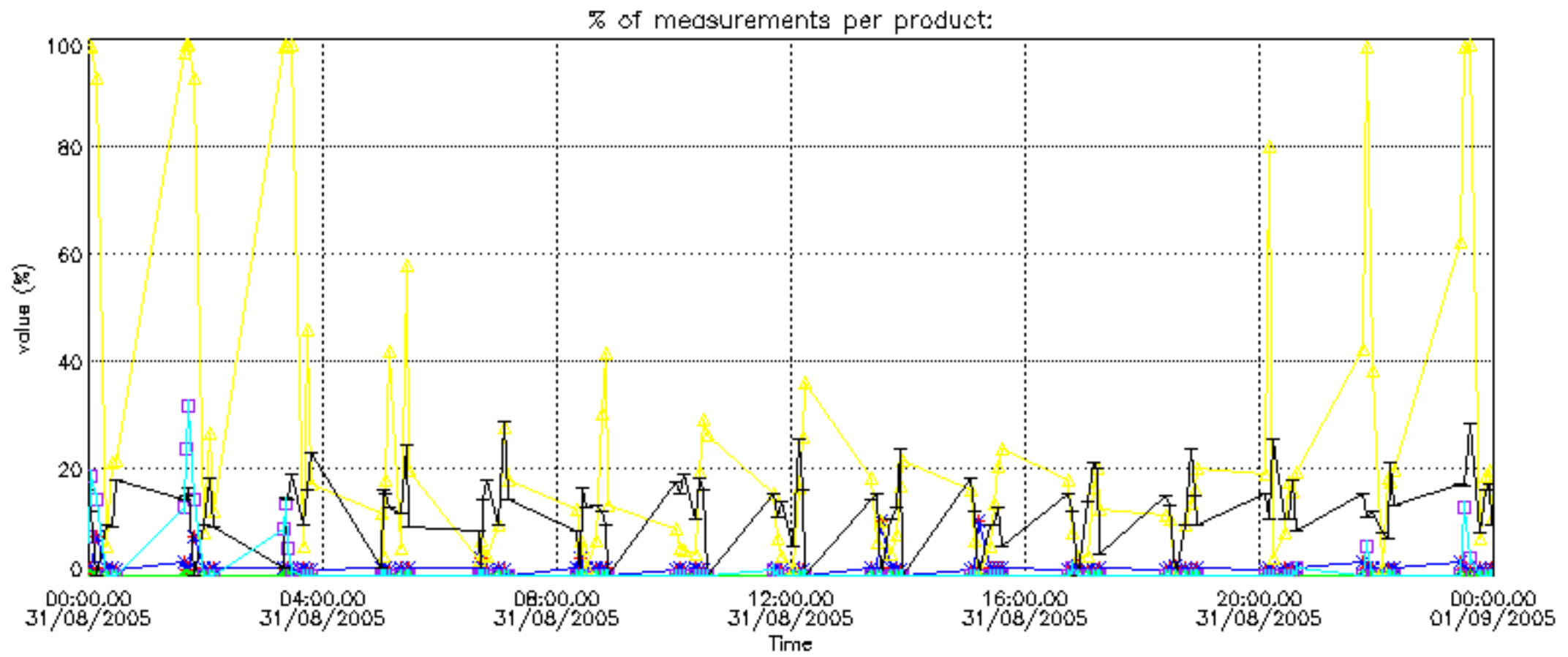


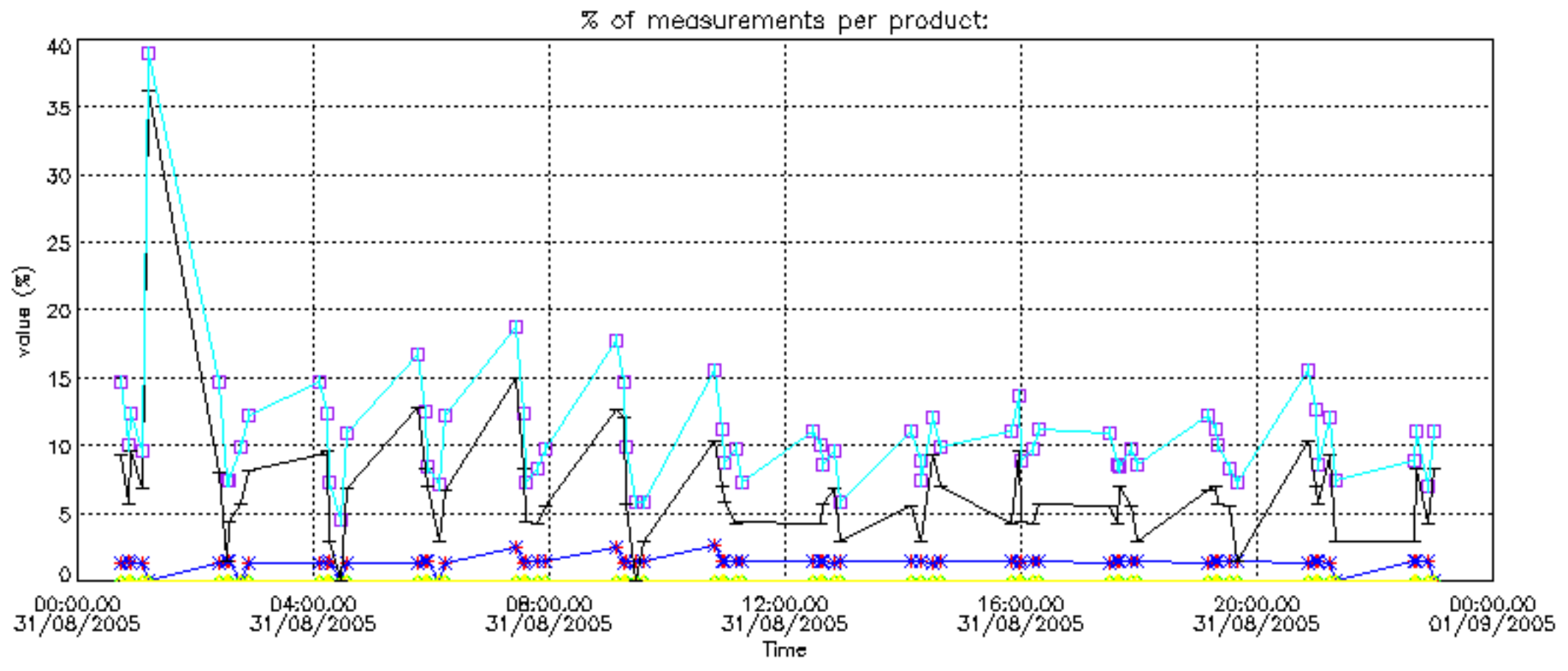
Percentage of flagged data per NO2 profile



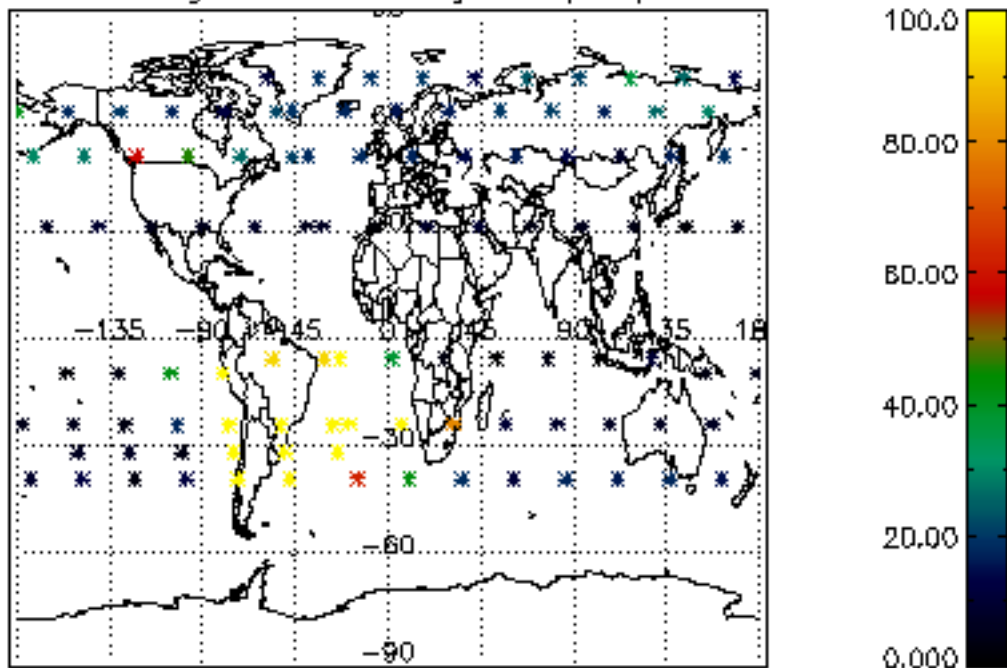
Percentage of flagged data per NO3 profile



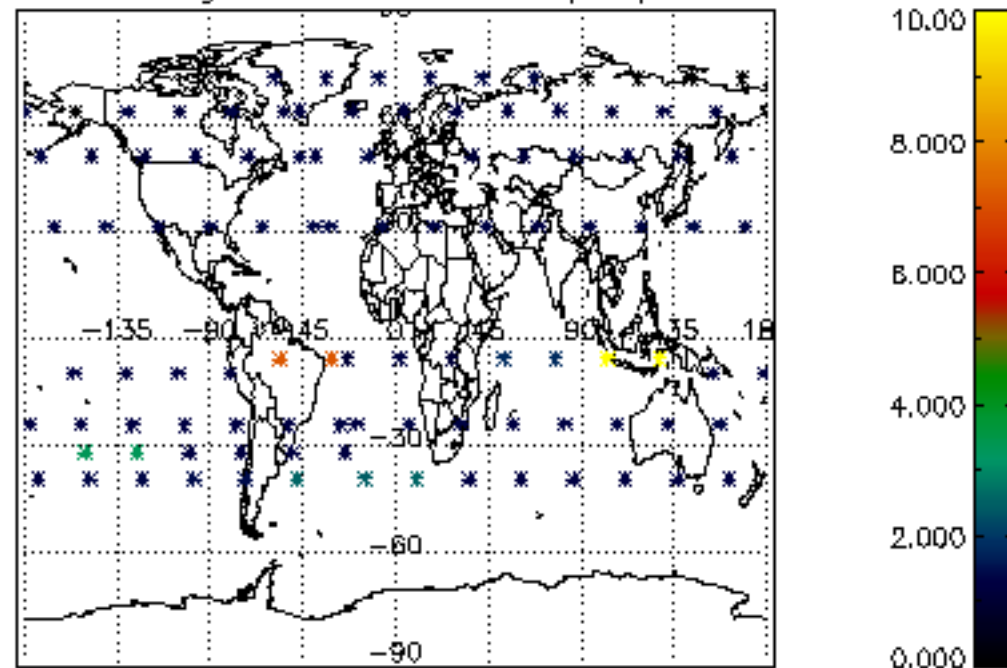




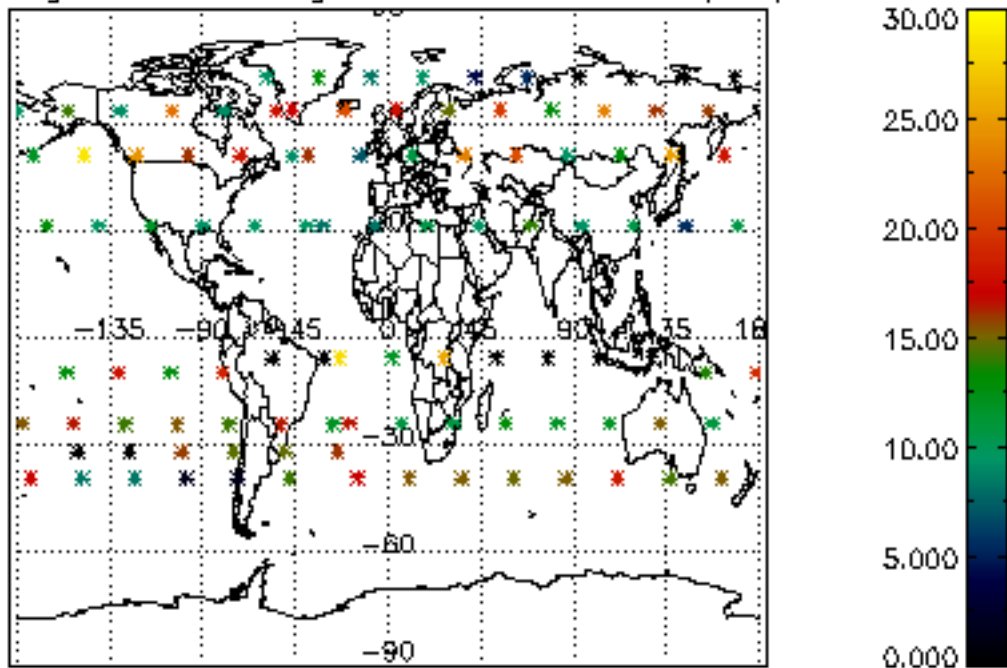
Percentage of cosmic ray hits per profile



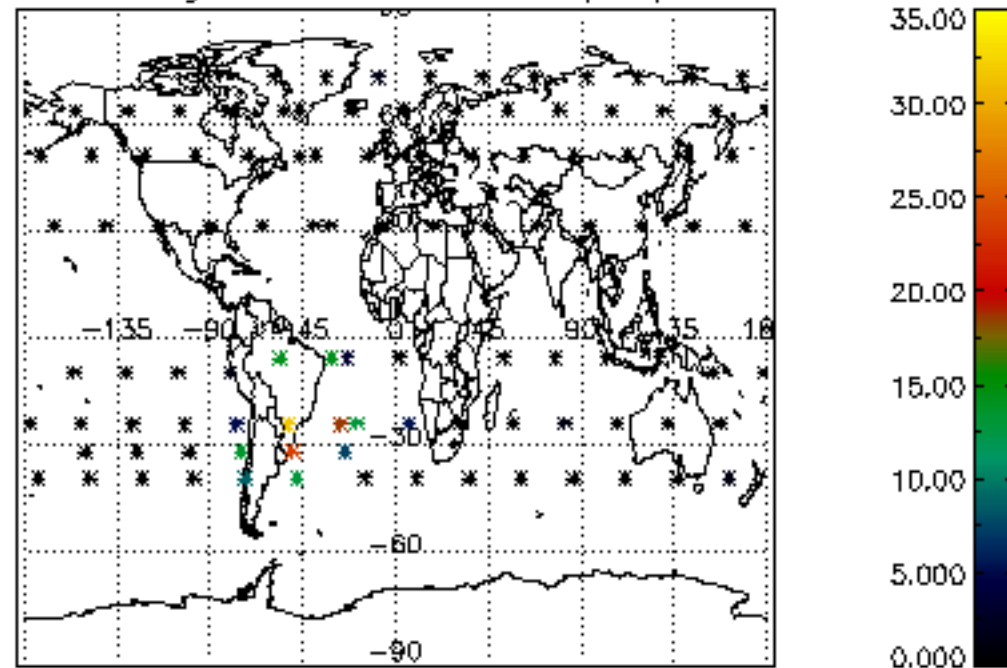
Percentage of datation errors per profile



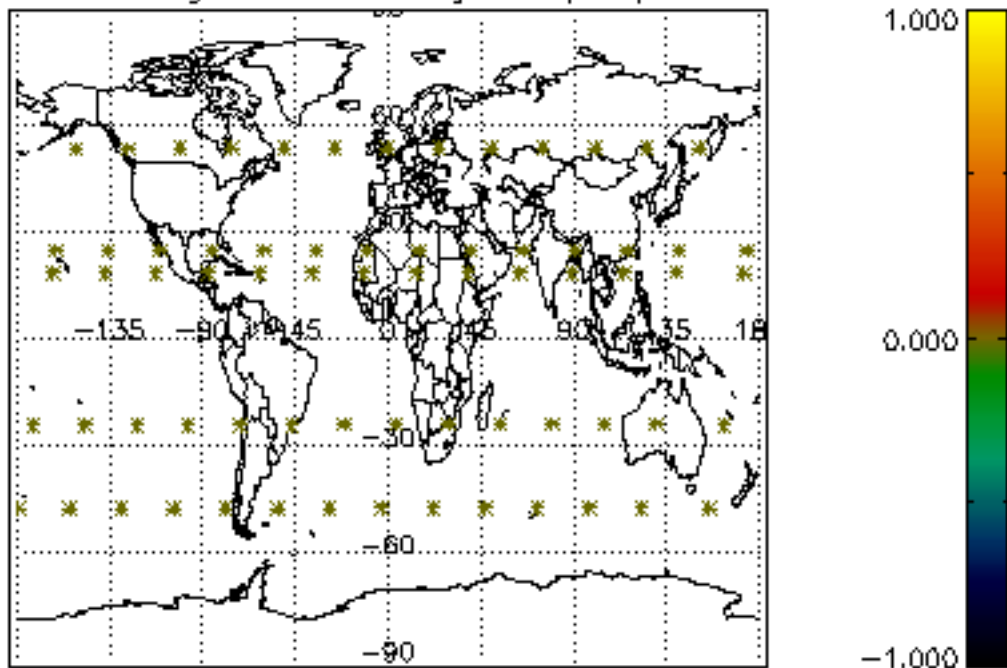
Percentage of star falling outside central band per profile



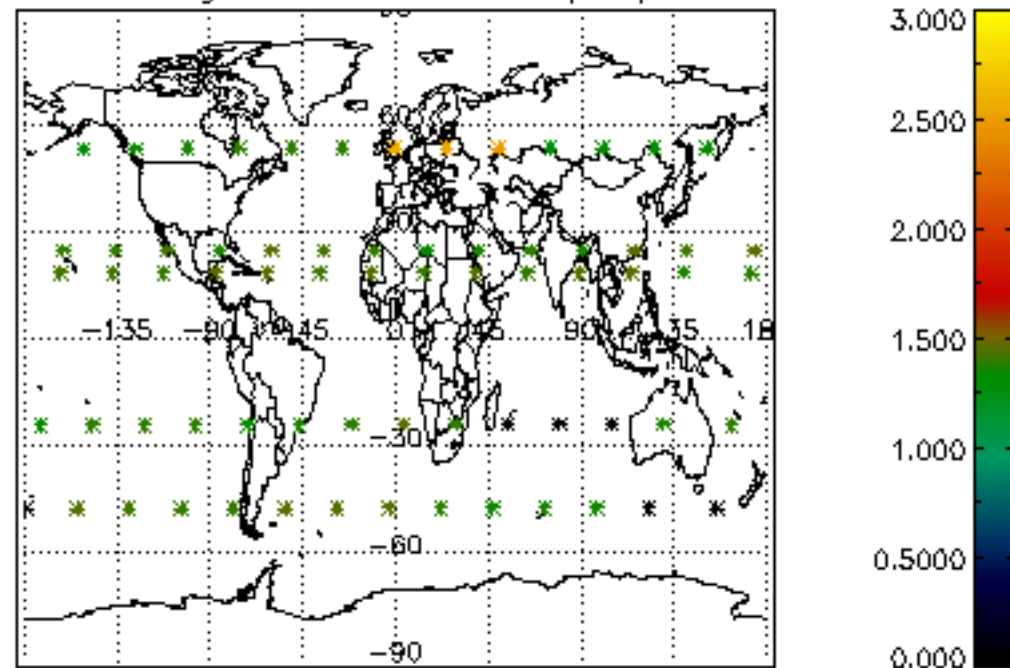
Percentage of saturation errors per profile



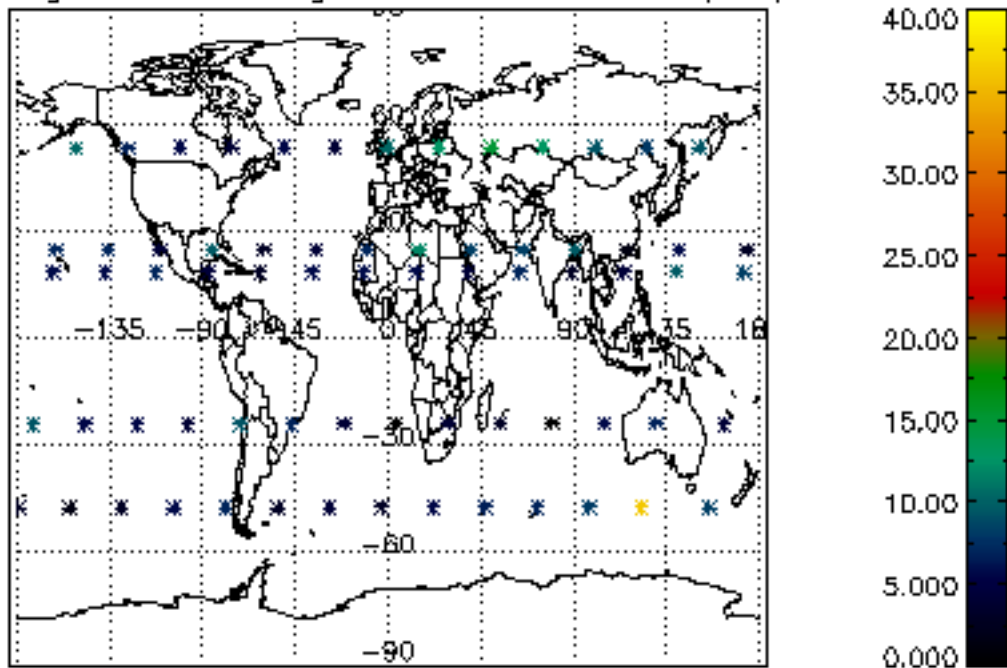
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

