

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	19APR2013 21:09:46
Data source version	GOMOS/6.01
Start time of products	04-10-2003 (04OCT2003 00:00:00)
Stop time of products	05-10-2003 (05OCT2003 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	187
Nb of prods with errors	1

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__2PRFIN20031004_002045_000000652020_00260_08330_9194.N1	04-OCT-2003 00:20:45	Dark	65.000	108	Alp Col	2.6520	15200.	130	8330	No
2	GOM_NL__2PRFIN20031004_002453_000000402020_00260_08330_9195.N1	04-OCT-2003 00:24:53	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	8330	No
3	GOM_NL__2PRFIN20031004_002710_000000412020_00260_08330_9196.N1	04-OCT-2003 00:27:10	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	8330	No
4	GOM_NL__2PRFIN20031004_002837_000000462020_00260_08330_9197.N1	04-OCT-2003 00:28:37	Dark	46.000	9	Alp Eri	0.45300	24000.	92	8330	No
5	GOM_NL__2PRFIN20031004_003025_000000512020_00260_08330_9198.N1	04-OCT-2003 00:30:25	Straylight	50.500	157	The1Eri	2.9060	9300.0	101	8330	No
6	GOM_NL__2PRFIN20031004_003352_000000472020_00260_08330_9199.N1	04-OCT-2003 00:33:52	Straylight	47.000	63	Bet Gru	2.1500	2800.0	94	8330	No
7	GOM_NL__2PRFIN20031004_003832_000000442020_00260_08330_9200.N1	04-OCT-2003 00:38:32	Straylight	44.000	18	24Alp PsA	1.1660	9700.0	88	8330	No
8	GOM_NL__2PRFIN20031004_004046_000000512020_00260_08330_9201.N1	04-OCT-2003 00:40:46	Straylight	51.000	52	16Bet Cet	2.0370	4500.0	102	8330	No
9	GOM_NL__2PRFIN20031004_004500_000001442020_00260_08330_9202.N1	04-OCT-2003 00:45:00	Straylight	144.00	165	34Gam Eri	2.9500	3200.0	288	8330	No
10	GOM_NL__2PRFIN20031004_005054_000000392020_00260_08330_9203.N1	04-OCT-2003 00:50:54	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	8330	No
11	GOM_NL__2PRFIN20031004_005430_000000402020_00260_08330_9204.N1	04-OCT-2003 00:54:30	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	8330	No
12	GOM_NL__2PRFIN20031004_005612_000000582020_00260_08330_9205.N1	04-OCT-2003 00:56:12	Bright	58.000	105	6Bet Ari	2.6450	8900.0	116	8330	No
13	GOM_NL__2PRFIN20031004_005840_000000502020_00260_08330_9206.N1	04-OCT-2003 00:58:40	Bright	49.500	53	43Bet And	2.0480	3300.0	99	8330	No
14	GOM_NL__2PRFIN20031004_010143_000000572020_00260_08330_9207.N1	04-OCT-2003 01:01:43	Bright	56.500	173	4Bet Tri	3.0040	8900.0	113	8330	No
15	GOM_NL__2PRFIN20031004_010346_000000412020_00260_08330_9208.N1	04-OCT-2003 01:03:46	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	8330	No
16	GOM_NL__2PRFIN20031004_010502_000000382020_00260_08330_9209.N1	04-OCT-2003 01:05:02	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	8330	No
17	GOM_NL__2PRFIN20031004_010840_000000502020_00260_08330_9210.N1	04-OCT-2003 01:08:40	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	8330	No
18	GOM_NL__2PRFIN20031004_011152_000000382020_00260_08330_9211.N1	04-OCT-2003 01:11:52	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	8330	No
19	GOM_NL__2PRFIN20031004_011403_000000432020_00260_08330_9212.N1	04-OCT-2003 01:14:03	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	8330	No
20	GOM_NL__2PRFIN20031004_011953_000000392020_00260_08330_9213.N1	04-OCT-2003 01:19:53	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	8330	No
21	GOM_NL__2PRFIN20031004_012124_000000382020_00260_08330_9214.N1	04-OCT-2003 01:21:24	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	8330	No
22	GOM_NL__2PRFIN20031004_012438_000000522020_00260_08330_9215.N1	04-OCT-2003 01:24:38	Bright	52.000	174	52Psi UMa	3.0040	4400.0	104	8330	No
23	GOM_NL__2PRFIN20031004_012645_000000992020_00260_08330_9216.N1	04-OCT-2003 01:26:45	Bright	98.500	107	37The Aur	2.6490	11000.	197	8330	No
24	GOM_NL__2PRFIN20031004_013004_000000632020_00260_08330_9217.N1	04-OCT-2003 01:30:04	Bright	62.500	24	66Alp Gem	1.5800	10200.	125	8330	No
25	GOM_NL__2PRFIN20031004_013519_000001222020_00260_08330_9218.N1	04-OCT-2003 01:35:19	Twilight	121.50	170	27Eps Gem	3.0000	9700.0	243	8330	No
26	GOM_NL__2PRFIN20031004_014130_000000792020_00260_08330_9219.N1	04-OCT-2003 01:41:30	Dark	79.000	8	10Alp CMi	0.40000	6500.0	158	8330	No
27	GOM_NL__2PRFIN20031004_014822_000000502020_00260_08330_9220.N1	04-OCT-2003 01:48:22	Dark	49.500	132	15Rho Pup	2.8030	6900.0	99	8330	No
28	GOM_NL__2PRFIN20031004_015040_000000512020_00260_08330_9221.N1	04-OCT-2003 01:50:40	Dark	50.500	65	Lam Vel	2.2040	4400.0	101	8330	No
29	GOM_NL__2PRFIN20031004_015316_000000392020_00260_08330_9222.N1	04-OCT-2003 01:53:16	Dark	38.500	91	Kap Vel	2.4900	26000.	77	8330	No
30	GOM_NL__2PRFIN20031004_015425_000000402020_00260_08330_9223.N1	04-OCT-2003 01:54:25	Dark	40.000	71	Iot Car	2.2460	7700.0	80	8330	No
31	GOM_NL__2PRFIN20031004_020123_000000662020_00261_08331_0261.N1	04-OCT-2003 02:01:23	Dark	66.000	108	Alp Col	2.6520	15200.	132	8331	No
32	GOM_NL__2PRFIN20031004_020529_000000412020_00261_08331_0262.N1	04-OCT-2003 02:05:29	Dark	40.500	135	Bet Hyi	2.8200	5800.0	81	8331	No
33	GOM_NL__2PRFIN20031004_020747_000000402020_00261_08331_0263.N1	04-OCT-2003 02:07:47	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	8331	No
34	GOM_NL__2PRFIN20031004_020914_000000462020_00261_08331_0264.N1	04-OCT-2003 02:09:14	Dark	46.000	9	Alp Eri	0.45300	24000.	92	8331	No
35	GOM_NL__2PRFIN20031004_021102_000000512020_00261_08331_0265.N1	04-OCT-2003 02:11:02	Straylight	50.500	157	The1Eri	2.9060	9300.0	101	8331	No
36	GOM_NL__2PRFIN20031004_021428_000000452020_00261_08331_0266.N1	04-OCT-2003 02:14:28	Straylight	45.000	63	Bet Gru	2.1500	2800.0	90	8331	No
37	GOM_NL__2PRFIN20031004_021908_000000452020_00261_08331_0267.N1	04-OCT-2003 02:19:08	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	8331	No
38	GOM_NL__2PRFIN20031004_022123_000000522020_00261_08331_0268.N1	04-OCT-2003 02:21:23	Straylight	52.000	52	16Bet Cet	2.0370	4500.0	104	8331	No
39	GOM_NL__2PRFIN20031004_022532_000001442020_00261_08331_0269.N1	04-OCT-2003 02:25:32	Straylight	144.00	165	34Gam Eri	2.9500	3200.0	288	8331	No
40	GOM_NL__2PRFIN20031004_023131_000000382020_00261_08331_0270.N1	04-OCT-2003 02:31:31	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	8331	No
41	GOM_NL__2PRFIN20031004_023507_000000382020_00261_08331_0271.N1	04-OCT-2003 02:35:07	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	8331	No
42	GOM_NL__2PRFIN20031004_023648_000000612020_00261_08331_0272.N1	04-OCT-2003 02:36:48	Bright	61.000	105	6Bet Ari	2.6450	8900.0	122	8331	No

43	GOM_NL__2PRFIN20031004_023916_000000472020_00261_08331_0273.N1	04-OCT-2003 02:39:16	Bright	47.000	53	43Bet And	2.0480	3300.0	94	8331	No
44	GOM_NL__2PRFIN20031004_024218_000000562020_00261_08331_0274.N1	04-OCT-2003 02:42:18	Bright	55.500	173	4Bet Tri	3.0040	8900.0	111	8331	No
45	GOM_NL__2PRFIN20031004_024422_000000382020_00261_08331_0275.N1	04-OCT-2003 02:44:22	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	8331	No
46	GOM_NL__2PRFIN20031004_024538_000000422020_00261_08331_0276.N1	04-OCT-2003 02:45:38	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	8331	No
47	GOM_NL__2PRFIN20031004_024915_000000512020_00261_08331_0277.N1	04-OCT-2003 02:49:15	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	8331	No
48	GOM_NL__2PRFIN20031004_025227_000000392020_00261_08331_0278.N1	04-OCT-2003 02:52:27	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	8331	No
49	GOM_NL__2PRFIN20031004_025441_000000402020_00261_08331_0279.N1	04-OCT-2003 02:54:41	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	8331	No
50	GOM_NL__2PRFIN20031004_030030_000000382020_00261_08331_0280.N1	04-OCT-2003 03:00:30	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	8331	No
51	GOM_NL__2PRFIN20031004_030200_000000372020_00261_08331_0281.N1	04-OCT-2003 03:02:00	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	8331	No
52	GOM_NL__2PRFIN20031004_030515_000000352020_00261_08331_0282.N1	04-OCT-2003 03:05:15	Bright	34.500	174	52Psi UMa	3.0040	4400.0	69	8331	No
53	GOM_NL__2PRFIN20031004_030721_000001012020_00261_08331_0283.N1	04-OCT-2003 03:07:21	Bright	100.50	107	37The Aur	2.6490	11000.	201	8331	No
54	GOM_NL__2PRFIN20031004_031040_000000602020_00261_08331_0284.N1	04-OCT-2003 03:10:40	Bright	60.000	24	66Alp Gem	1.5800	10200.	120	8331	No
55	GOM_NL__2PRFIN20031004_031556_000001232020_00261_08331_0285.N1	04-OCT-2003 03:15:56	Tw_i_and_stray	122.50	170	27Eps Gem	3.0000	9700.0	245	8331	No
56	GOM_NL__2PRFIN20031004_032208_000000912020_00261_08331_0286.N1	04-OCT-2003 03:22:08	Dark	91.000	8	10Alp CMi	0.40000	6500.0	182	8331	No
57	GOM_NL__2PRFIN20031004_032859_000000502020_00261_08331_0287.N1	04-OCT-2003 03:28:59	Dark	50.000	132	15Rho Pup	2.8030	6900.0	100	8331	No
58	GOM_NL__2PRFIN20031004_033116_000000472020_00261_08331_0288.N1	04-OCT-2003 03:31:16	Dark	46.500	65	Lam Vel	2.2040	4400.0	93	8331	No
59	GOM_NL__2PRFIN20031004_033353_000000402020_00261_08331_0289.N1	04-OCT-2003 03:33:53	Dark	39.500	91	Kap Vel	2.4900	26000.	79	8331	No
60	GOM_NL__2PRFIN20031004_033501_000000412020_00261_08331_0290.N1	04-OCT-2003 03:35:01	Dark	40.500	71	lot Car	2.2460	7700.0	81	8331	No
61	GOM_NL__2PRFIN20031004_034200_000000652020_00262_08332_0261.N1	04-OCT-2003 03:42:00	Dark	64.500	108	Alp Col	2.6520	15200.	129	8332	No
62	GOM_NL__2PRFIN20031004_034605_000000402020_00262_08332_0262.N1	04-OCT-2003 03:46:05	Dark	40.000	135	Bet Hyi	2.8200	5800.0	80	8332	No
63	GOM_NL__2PRFIN20031004_034823_000000402020_00262_08332_0263.N1	04-OCT-2003 03:48:23	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	8332	No
64	GOM_NL__2PRFIN20031004_034951_000000422020_00262_08332_0264.N1	04-OCT-2003 03:49:51	Dark	42.000	9	Alp Eri	0.45300	24000.	84	8332	No
65	GOM_NL__2PRFIN20031004_035139_000000512020_00262_08332_0265.N1	04-OCT-2003 03:51:39	Straylight	50.500	157	The1Eri	2.9060	9300.0	101	8332	No
66	GOM_NL__2PRFIN20031004_035503_000000522020_00262_08332_0266.N1	04-OCT-2003 03:55:03	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	8332	No
67	GOM_NL__2PRFIN20031004_035944_000000442020_00262_08332_0267.N1	04-OCT-2003 03:59:44	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	8332	No
68	GOM_NL__2PRFIN20031004_040158_000000502020_00262_08332_0268.N1	04-OCT-2003 04:01:58	Straylight	49.500	52	16Bet Cet	2.0370	4500.0	99	8332	No
69	GOM_NL__2PRFIN20031004_040605_000001442020_00262_08332_0269.N1	04-OCT-2003 04:06:05	Tw_i_and_stray	144.00	165	34Gam Eri	2.9500	3200.0	288	8332	No
70	GOM_NL__2PRFIN20031004_041207_000000372020_00262_08332_0270.N1	04-OCT-2003 04:12:07	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	8332	No
71	GOM_NL__2PRFIN20031004_041542_000000392020_00262_08332_0271.N1	04-OCT-2003 04:15:42	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	8332	No
72	GOM_NL__2PRFIN20031004_041722_000000602020_00262_08332_0272.N1	04-OCT-2003 04:17:22	Bright	60.000	105	6Bet Ari	2.6450	8900.0	120	8332	No
73	GOM_NL__2PRFIN20031004_041951_000000462020_00262_08332_0273.N1	04-OCT-2003 04:19:51	Bright	45.500	53	43Bet And	2.0480	3300.0	91	8332	No
74	GOM_NL__2PRFIN20031004_042252_000000582020_00262_08332_0274.N1	04-OCT-2003 04:22:52	Bright	57.500	173	4Bet Tri	3.0040	8900.0	115	8332	No
75	GOM_NL__2PRFIN20031004_042458_000000402020_00262_08332_0275.N1	04-OCT-2003 04:24:58	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	8332	No
76	GOM_NL__2PRFIN20031004_042613_000000412020_00262_08332_0276.N1	04-OCT-2003 04:26:13	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	8332	No
77	GOM_NL__2PRFIN20031004_042950_000000522020_00262_08332_0277.N1	04-OCT-2003 04:29:50	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	8332	No
78	GOM_NL__2PRFIN20031004_043304_000000382020_00262_08332_0278.N1	04-OCT-2003 04:33:04	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	8332	No
79	GOM_NL__2PRFIN20031004_043518_000000392020_00262_08332_0279.N1	04-OCT-2003 04:35:18	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	8332	No
80	GOM_NL__2PRFIN20031004_044106_000000392020_00262_08332_0280.N1	04-OCT-2003 04:41:06	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	8332	No
81	GOM_NL__2PRFIN20031004_044237_000000362020_00262_08332_0281.N1	04-OCT-2003 04:42:37	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	8332	No
82	GOM_NL__2PRFIN20031004_044551_000000372020_00262_08332_0282.N1	04-OCT-2003 04:45:51	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	8332	No
83	GOM_NL__2PRFIN20031004_044757_000000952020_00262_08332_0283.N1	04-OCT-2003 04:47:57	Bright	95.000	107	37The Aur	2.6490	11000.	190	8332	No
84	GOM_NL__2PRFIN20031004_045116_000000622020_00262_08332_0284.N1	04-OCT-2003 04:51:16	Bright	61.500	24	66Alp Gem	1.5800	10200.	123	8332	No
85	GOM_NL__2PRFIN20031004_045634_000001272020_00262_08332_0285.N1	04-OCT-2003 04:56:34	Straylight	126.50	170	27Eps Gem	3.0000	9700.0	253	8332	No
86	GOM_NL__2PRFIN20031004_050245_000000852020_00262_08332_0286.N1	04-OCT-2003 05:02:45	Dark	85.000	8	10Alp CMi	0.40000	6500.0	170	8332	No
87	GOM_NL__2PRFIN20031004_050937_000000502020_00262_08332_0287.N1	04-OCT-2003 05:09:37	Dark	49.500	132	15Rho Pup	2.8030	6900.0	99	8332	No
88	GOM_NL__2PRFIN20031004_051154_000000462020_00262_08332_0288.N1	04-OCT-2003 05:11:54	Dark	45.500	65	Lam Vel	2.2040	4400.0	91	8332	No
89	GOM_NL__2PRFIN20031004_051429_000000392020_00262_08332_0289.N1	04-OCT-2003 05:14:29	Dark	38.500	91	Kap Vel	2.4900	26000.	77	8332	No
90	GOM_NL__2PRFIN20031004_051539_000000392020_00262_08332_0290.N1	04-OCT-2003 05:15:39	Dark	39.000	71	lot Car	2.2460	7700.0	78	8332	No
91	GOM_NL__2PRFIN20031004_052238_000000642020_00263_08333_0261.N1	04-OCT-2003 05:22:38	Dark	63.500	108	Alp Col	2.6520	15200.	127	8333	No
92	GOM_NL__2PRFIN20031004_052641_000000382020_00263_08333_0262.N1	04-OCT-2003 05:26:41	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	8333	No
93	GOM_NL__2PRFIN20031004_052859_000000412020_00263_08333_0263.N1	04-OCT-2003 05:28:59	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	8333	No
94	GOM_NL__2PRFIN20031004_053027_000000522020_00263_08333_0264.N1	04-OCT-2003 05:30:27	Dark	51.500	9	Alp Eri	0.45300	24000.	103	8333	No
95	GOM_NL__2PRFIN20031004_053215_000000522020_00263_08333_0265.N1	04-OCT-2003 05:32:15	Straylight	51.500	157	The1Eri	2.9060	9300.0	103	8333	No
96	GOM_NL__2PRFIN20031004_053539_000000472020_00263_08333_0266.N1	04-OCT-2003 05:35:39	Straylight	46.500	63	Bet Gru	2.1500	2800.0	93	8333	No
97	GOM_NL__2PRFIN20031004_054020_000000432020_00263_08333_0267.N1	04-OCT-2003 05:40:20	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	8333	No
98	GOM_NL__2PRFIN20031004_054234_000000512020_00263_08333_0268.N1	04-OCT-2003 05:42:34	Straylight	51.000	52	16Bet Cet	2.0370	4500.0	102	8333	No
99	GOM_NL__2PRFIN20031004_054638_000001442020_00263_08333_0269.N1	04-OCT-2003 05:46:38	Tw_i_and_stray	144.00	165	34Gam Eri	2.9500	3200.0	288	8333	No
100	GOM_NL__2PRFIN20031004_055242_000000382020_00263_08333_0270.N1	04-OCT-2003 05:52:42	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	8333	No
101	GOM_NL__2PRFIN20031004_055618_000000402020_00263_08333_0271.N1	04-OCT-2003 05:56:18	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	8333	No

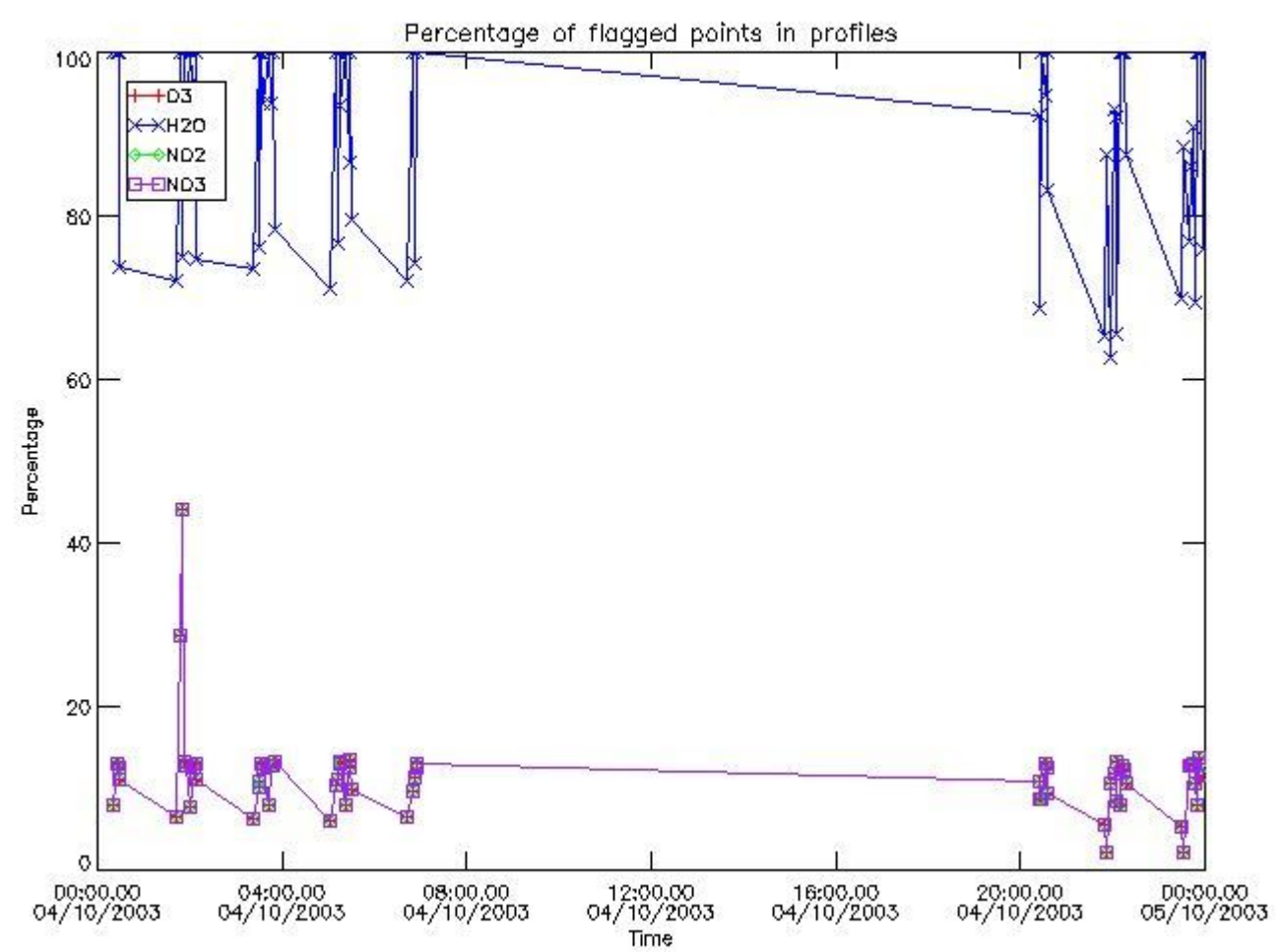
102	GOM_NL__2PRFIN20031004_055757_000000612020_00263_08333_0272.N1	04-OCT-2003 05:57:57	Bright	60.500	105	6Bet Ari	2.6450	8900.0	121	8333	No
103	GOM_NL__2PRFIN20031004_060027_000000452020_00263_08333_0273.N1	04-OCT-2003 06:00:27	Bright	45.000	53	43Bet And	2.0480	3300.0	90	8333	No
104	GOM_NL__2PRFIN20031004_060327_000000572020_00263_08333_0274.N1	04-OCT-2003 06:03:27	Bright	57.000	173	4Bet Tri	3.0040	8900.0	114	8333	No
105	GOM_NL__2PRFIN20031004_060534_000000402020_00263_08333_0275.N1	04-OCT-2003 06:05:34	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	8333	No
106	GOM_NL__2PRFIN20031004_060649_000000412020_00263_08333_0276.N1	04-OCT-2003 06:06:49	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	8333	No
107	GOM_NL__2PRFIN20031004_061025_000000512020_00263_08333_0277.N1	04-OCT-2003 06:10:25	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	8333	No
108	GOM_NL__2PRFIN20031004_061340_000000372020_00263_08333_0278.N1	04-OCT-2003 06:13:40	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	8333	No
109	GOM_NL__2PRFIN20031004_061555_000000382020_00263_08333_0279.N1	04-OCT-2003 06:15:55	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	8333	No
110	GOM_NL__2PRFIN20031004_062142_000000382020_00263_08333_0280.N1	04-OCT-2003 06:21:42	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	8333	No
111	GOM_NL__2PRFIN20031004_062313_000000372020_00263_08333_0281.N1	04-OCT-2003 06:23:13	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	8333	No
112	GOM_NL__2PRFIN20031004_062628_000000362020_00263_08333_0282.N1	04-OCT-2003 06:26:28	Bright	35.500	174	52Psi UMa	3.0040	4400.0	71	8333	No
113	GOM_NL__2PRFIN20031004_062832_000001012020_00263_08333_0283.N1	04-OCT-2003 06:28:32	Bright	101.00	107	37The Aur	2.6490	11000.	202	8333	No
114	GOM_NL__2PRFIN20031004_063153_000000622020_00263_08333_0284.N1	04-OCT-2003 06:31:53	Bright	61.500	24	66Alp Gem	1.5800	10200.	123	8333	No
115	GOM_NL__2PRFIN20031004_063711_000001242020_00263_08333_0285.N1	04-OCT-2003 06:37:11	Straylight	124.00	170	27Eps Gem	3.0000	9700.0	248	8333	No
116	GOM_NL__2PRFIN20031004_064322_000000862020_00263_08333_0286.N1	04-OCT-2003 06:43:22	Dark	86.000	8	10Alp CMi	0.40000	6500.0	172	8333	No
117	GOM_NL__2PRFIN20031004_065013_000000542020_00263_08333_0287.N1	04-OCT-2003 06:50:13	Dark	53.500	132	15Rho Pup	2.8030	6900.0	107	8333	No
118	GOM_NL__2PRFIN20031004_065231_000000452020_00263_08333_0288.N1	04-OCT-2003 06:52:31	Dark	45.000	65	Lam Vel	2.2040	4400.0	90	8333	No
119	GOM_NL__2PRFIN20031004_065506_000000412020_00263_08333_0289.N1	04-OCT-2003 06:55:06	Dark	41.000	91	Kap Vel	2.4900	26000.	82	8333	No
120	GOM_NL__2PRFIN20031004_065615_000000392020_00263_08333_0290.N1	04-OCT-2003 06:56:15	Dark	39.000	71	Iot Car	2.2460	7700.0	78	8333	No
121	GOM_NL__2PRFIN20031004_202343_000000472020_00272_08342_0484.N1	04-OCT-2003 20:23:43	Dark	46.500	29	Bet Car	1.6720	10200.	93	8342	No
122	GOM_NL__2PRFIN20031004_202523_000000602020_00272_08342_0268.N1	04-OCT-2003 20:25:23	Dark	59.500	2	Alp Car	-0.73600	7000.0	119	8342	No
123	GOM_NL__2PRFIN20031004_202815_000000642020_00272_08342_0269.N1	04-OCT-2003 20:28:15	Dark	64.000	108	Alp Col	2.6520	15200.	128	8342	No
124	GOM_NL__2PRFIN20031004_203205_000000392020_00272_08342_0270.N1	04-OCT-2003 20:32:05	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	8342	No
125	GOM_NL__2PRFIN20031004_203425_000000412020_00272_08342_0271.N1	04-OCT-2003 20:34:25	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	8342	No
126	GOM_NL__2PRFIN20031004_203552_000000542020_00272_08342_0272.N1	04-OCT-2003 20:35:52	Dark	54.000	9	Alp Eri	0.45300	24000.	108	8342	No
127	GOM_NL__2PRFIN20031004_203745_000000502020_00272_08342_0273.N1	04-OCT-2003 20:37:45	Straylight	49.500	157	The1Eri	2.9060	9300.0	99	8342	No
128	GOM_NL__2PRFIN20031004_204110_000000412020_00272_08342_0274.N1	04-OCT-2003 20:41:10	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	8342	No
129	GOM_NL__2PRFIN20031004_204545_000000412020_00272_08342_0275.N1	04-OCT-2003 20:45:45	Straylight	41.000	18	24Alp PsA	1.1660	9700.0	82	8342	No
130	GOM_NL__2PRFIN20031004_204758_000000502020_00272_08342_0276.N1	04-OCT-2003 20:47:58	Straylight	50.000	52	16Bet Cet	2.0370	4500.0	100	8342	No
131	GOM_NL__2PRFIN20031004_205137_000002022020_00272_08342_0277.N1	04-OCT-2003 20:51:37	Tw_i_and_stray	202.00	165	34Gam Eri	2.9500	3200.0	404	8342	No
132	GOM_NL__2PRFIN20031004_205806_000000392020_00272_08342_0278.N1	04-OCT-2003 20:58:06	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	8342	No
133	GOM_NL__2PRFIN20031004_210142_000000412020_00272_08342_0279.N1	04-OCT-2003 21:01:42	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	8342	No
134	GOM_NL__2PRFIN20031004_210543_000000492020_00272_08342_0280.N1	04-OCT-2003 21:05:43	Bright	49.000	53	43Bet And	2.0480	3300.0	98	8342	No
135	GOM_NL__2PRFIN20031004_210840_000000572020_00272_08342_0281.N1	04-OCT-2003 21:08:40	Bright	56.500	173	4Bet Tri	3.0040	8900.0	113	8342	No
136	GOM_NL__2PRFIN20031004_211055_000000402020_00272_08342_0282.N1	04-OCT-2003 21:10:55	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	8342	No
137	GOM_NL__2PRFIN20031004_211244_000000432020_00272_08342_0283.N1	04-OCT-2003 21:12:44	Bright	42.500	110	37Del Cas	2.6780	8900.0	85	8342	No
138	GOM_NL__2PRFIN20031004_211540_000000512020_00272_08342_0284.N1	04-OCT-2003 21:15:40	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	8342	No
139	GOM_NL__2PRFIN20031004_211902_000000392020_00272_08342_0285.N1	04-OCT-2003 21:19:02	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	8342	No
140	GOM_NL__2PRFIN20031004_212119_000000352020_00272_08342_0286.N1	04-OCT-2003 21:21:19	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	8342	No
141	GOM_NL__2PRFIN20031004_212706_000000362020_00272_08342_0287.N1	04-OCT-2003 21:27:06	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	8342	No
142	GOM_NL__2PRFIN20031004_212836_000000382020_00272_08342_0288.N1	04-OCT-2003 21:28:36	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	8342	No
143	GOM_NL__2PRFIN20031004_213151_000000372020_00272_08342_0289.N1	04-OCT-2003 21:31:51	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	8342	No
144	GOM_NL__2PRFIN20031004_213352_000001012020_00272_08342_0290.N1	04-OCT-2003 21:33:52	Bright	100.50	107	37The Aur	2.6490	11000.	201	8342	No
145	GOM_NL__2PRFIN20031004_213717_000000612020_00272_08342_0291.N1	04-OCT-2003 21:37:17	Bright	60.500	24	66Alp Gem	1.5800	10200.	121	8342	No
146	GOM_NL__2PRFIN20031004_214245_000001292020_00272_08342_0292.N1	04-OCT-2003 21:42:45	Straylight	128.50	170	27Eps Gem	3.0000	9700.0	257	8342	No
147	GOM_NL__2PRFIN20031004_214856_000000942020_00272_08342_0293.N1	04-OCT-2003 21:48:56	Dark	94.000	8	10Alp CMi	0.40000	6500.0	188	8342	No
148	GOM_NL__2PRFIN20031004_215108_000002552020_00272_08342_0294.N1	04-OCT-2003 21:51:08	Dark	255.00	44	24Gam Gem	1.9280	11000.	510	8342	No
149	GOM_NL__2PRFIN20031004_215757_000000492020_00272_08342_0295.N1	04-OCT-2003 21:57:57	Dark	48.500	65	Lam Vel	2.2040	4400.0	97	8342	No
150	GOM_NL__2PRFIN20031004_220140_000000442020_00272_08342_0296.N1	04-OCT-2003 22:01:40	Dark	43.500	71	Iot Car	2.2460	7700.0	87	8342	No
151	GOM_NL__2PRFIN20031004_220419_000000392020_00273_08343_0268.N1	04-OCT-2003 22:04:19	Dark	38.500	29	Bet Car	1.6720	10200.	77	8343	No
152	GOM_NL__2PRFIN20031004_220557_000000602020_00273_08343_0269.N1	04-OCT-2003 22:05:57	Dark	60.000	2	Alp Car	-0.73600	7000.0	120	8343	No
153	GOM_NL__2PRFIN20031004_220852_000000652020_00273_08343_0270.N1	04-OCT-2003 22:08:52	Dark	65.000	108	Alp Col	2.6520	15200.	130	8343	No
154	GOM_NL__2PRFIN20031004_221241_000000402020_00273_08343_0271.N1	04-OCT-2003 22:12:41	Dark	40.000	135	Bet Hyi	2.8200	5800.0	80	8343	No
155	GOM_NL__2PRFIN20031004_221502_000000422020_00273_08343_0272.N1	04-OCT-2003 22:15:02	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	8343	No
156	GOM_NL__2PRFIN20031004_221629_000000482020_00273_08343_0273.N1	04-OCT-2003 22:16:29	Dark	48.000	9	Alp Eri	0.45300	24000.	96	8343	No
157	GOM_NL__2PRFIN20031004_221821_000000502020_00273_08343_0274.N1	04-OCT-2003 22:18:21	Straylight	50.000	157	The1Eri	2.9060	9300.0	100	8343	No
158	GOM_NL__2PRFIN20031004_222146_000000412020_00273_08343_0370.N1	04-OCT-2003 22:21:46	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	8343	Yes
159	GOM_NL__2PRFIN20031004_222621_000000422020_00273_08343_0371.N1	04-OCT-2003 22:26:21	Straylight	41.500	18	24Alp PsA	1.1660	9700.0	83	8343	No
160	GOM_NL__2PRFIN20031004_222834_000000512020_00273_08343_0372.N1	04-OCT-2003 22:28:34	Straylight	50.500	52	16Bet Cet	2.0370	4500.0	101	8343	No

161	GOM_NL__2PRFIN20031004_223211_000002022020_00273_08343_0373.N1	04-OCT-2003 22:32:11	Twilight	202.00	165	34Gam Eri	2.9500	3200.0	404	8343	No
162	GOM_NL__2PRFIN20031004_223842_000000392020_00273_08343_0374.N1	04-OCT-2003 22:38:42	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	8343	No
163	GOM_NL__2PRFIN20031004_224218_000000402020_00273_08343_0375.N1	04-OCT-2003 22:42:18	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	8343	No
164	GOM_NL__2PRFIN20031004_224619_000000502020_00273_08343_0376.N1	04-OCT-2003 22:46:19	Bright	49.500	53	43Bet And	2.0480	3300.0	99	8343	No
165	GOM_NL__2PRFIN20031004_224914_000000562020_00273_08343_0377.N1	04-OCT-2003 22:49:14	Bright	56.000	173	4Bet Tri	3.0040	8900.0	112	8343	No
166	GOM_NL__2PRFIN20031004_225130_000000412020_00273_08343_0378.N1	04-OCT-2003 22:51:30	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	8343	No
167	GOM_NL__2PRFIN20031004_225319_000000422020_00273_08343_0379.N1	04-OCT-2003 22:53:19	Bright	41.500	110	37Del Cas	2.6780	8900.0	83	8343	No
168	GOM_NL__2PRFIN20031004_225615_000000522020_00273_08343_0380.N1	04-OCT-2003 22:56:15	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	8343	No
169	GOM_NL__2PRFIN20031004_225938_000000392020_00273_08343_0381.N1	04-OCT-2003 22:59:38	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	8343	No
170	GOM_NL__2PRFIN20031004_230155_000000402020_00273_08343_0382.N1	04-OCT-2003 23:01:55	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	8343	No
171	GOM_NL__2PRFIN20031004_230742_000000382020_00273_08343_0383.N1	04-OCT-2003 23:07:42	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	8343	No
172	GOM_NL__2PRFIN20031004_230913_000000382020_00273_08343_0384.N1	04-OCT-2003 23:09:13	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	8343	No
173	GOM_NL__2PRFIN20031004_231227_000000382020_00273_08343_0385.N1	04-OCT-2003 23:12:27	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	8343	No
174	GOM_NL__2PRFIN20031004_231427_000001032020_00273_08343_0386.N1	04-OCT-2003 23:14:27	Bright	102.50	107	37The Aur	2.6490	11000.	205	8343	No
175	GOM_NL__2PRFIN20031004_231753_000000622020_00273_08343_0387.N1	04-OCT-2003 23:17:53	Bright	61.500	24	66Alp Gem	1.5800	10200.	123	8343	No
176	GOM_NL__2PRFIN20031004_232322_000001312020_00273_08343_0388.N1	04-OCT-2003 23:23:22	Straylight	131.00	170	27Eps Gem	3.0000	9700.0	262	8343	No
177	GOM_NL__2PRFIN20031004_232933_000000952020_00273_08343_0389.N1	04-OCT-2003 23:29:33	Dark	95.000	8	10Alp CMi	0.40000	6500.0	190	8343	No
178	GOM_NL__2PRFIN20031004_233148_000002552020_00273_08343_0390.N1	04-OCT-2003 23:31:48	Dark	255.00	44	24Gam Gem	1.9280	11000.	510	8343	No
179	GOM_NL__2PRFIN20031004_233833_000000482020_00273_08343_0391.N1	04-OCT-2003 23:38:33	Dark	48.000	65	Lam Vel	2.2040	4400.0	96	8343	No
180	GOM_NL__2PRFIN20031004_234216_000000402020_00273_08343_0392.N1	04-OCT-2003 23:42:16	Dark	40.000	71	Iot Car	2.2460	7700.0	80	8343	No
181	GOM_NL__2PRFIN20031004_234455_000000392020_00274_08344_0371.N1	04-OCT-2003 23:44:55	Dark	39.000	29	Bet Car	1.6720	10200.	78	8344	No
182	GOM_NL__2PRFIN20031004_234636_000000482020_00274_08344_0372.N1	04-OCT-2003 23:46:36	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	8344	No
183	GOM_NL__2PRFIN20031004_234930_000000642020_00274_08344_0373.N1	04-OCT-2003 23:49:30	Dark	63.500	108	Alp Col	2.6520	15200.	127	8344	No
184	GOM_NL__2PRFIN20031004_235317_000000372020_00274_08344_0374.N1	04-OCT-2003 23:53:17	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	8344	No
185	GOM_NL__2PRFIN20031004_235538_000000402020_00274_08344_0375.N1	04-OCT-2003 23:55:38	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	8344	No
186	GOM_NL__2PRFIN20031004_235705_000000442020_00274_08344_0376.N1	04-OCT-2003 23:57:05	Dark	44.000	9	Alp Eri	0.45300	24000.	88	8344	No
187	GOM_NL__2PRFIN20031004_235858_000000522020_00274_08344_0377.N1	04-OCT-2003 23:58:58	Straylight	51.500	157	The1Eri	2.9060	9300.0	103	8344	No

3. Quality information per product

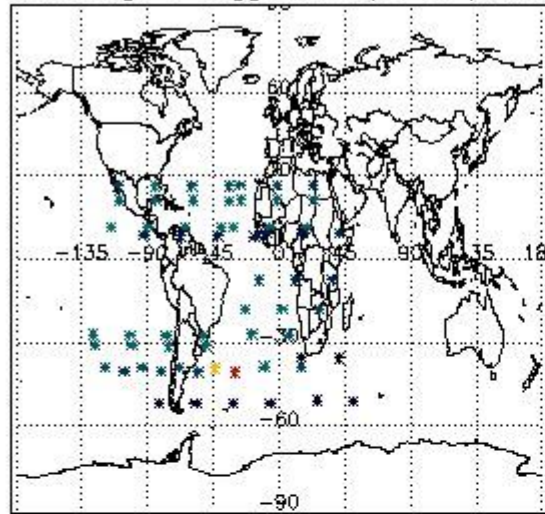
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

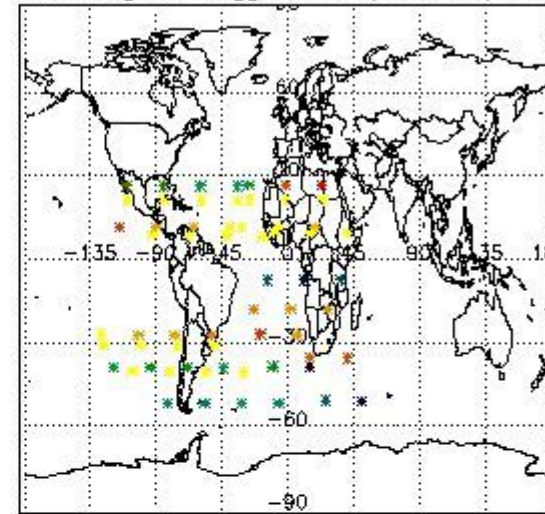


3.2 Plot quality information per product (world map)

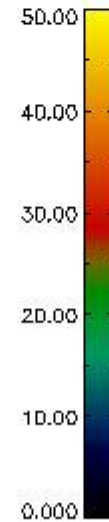
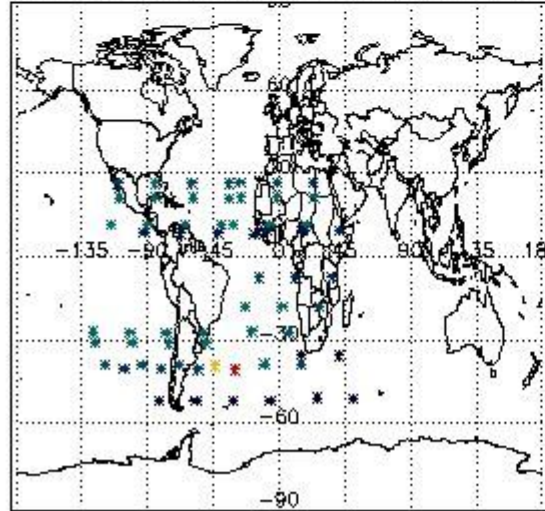
Percentage of flagged data per O3 profile



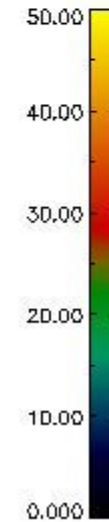
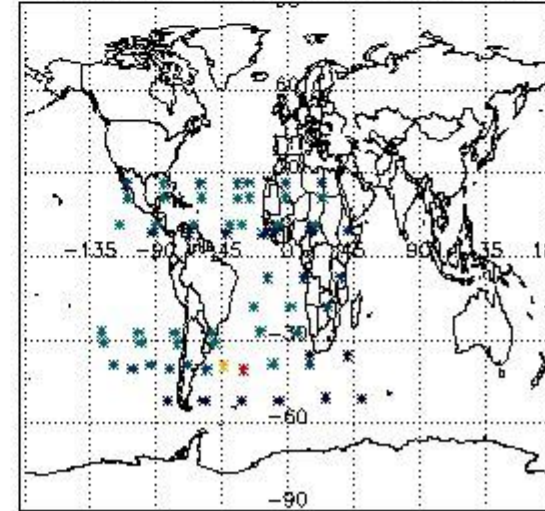
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

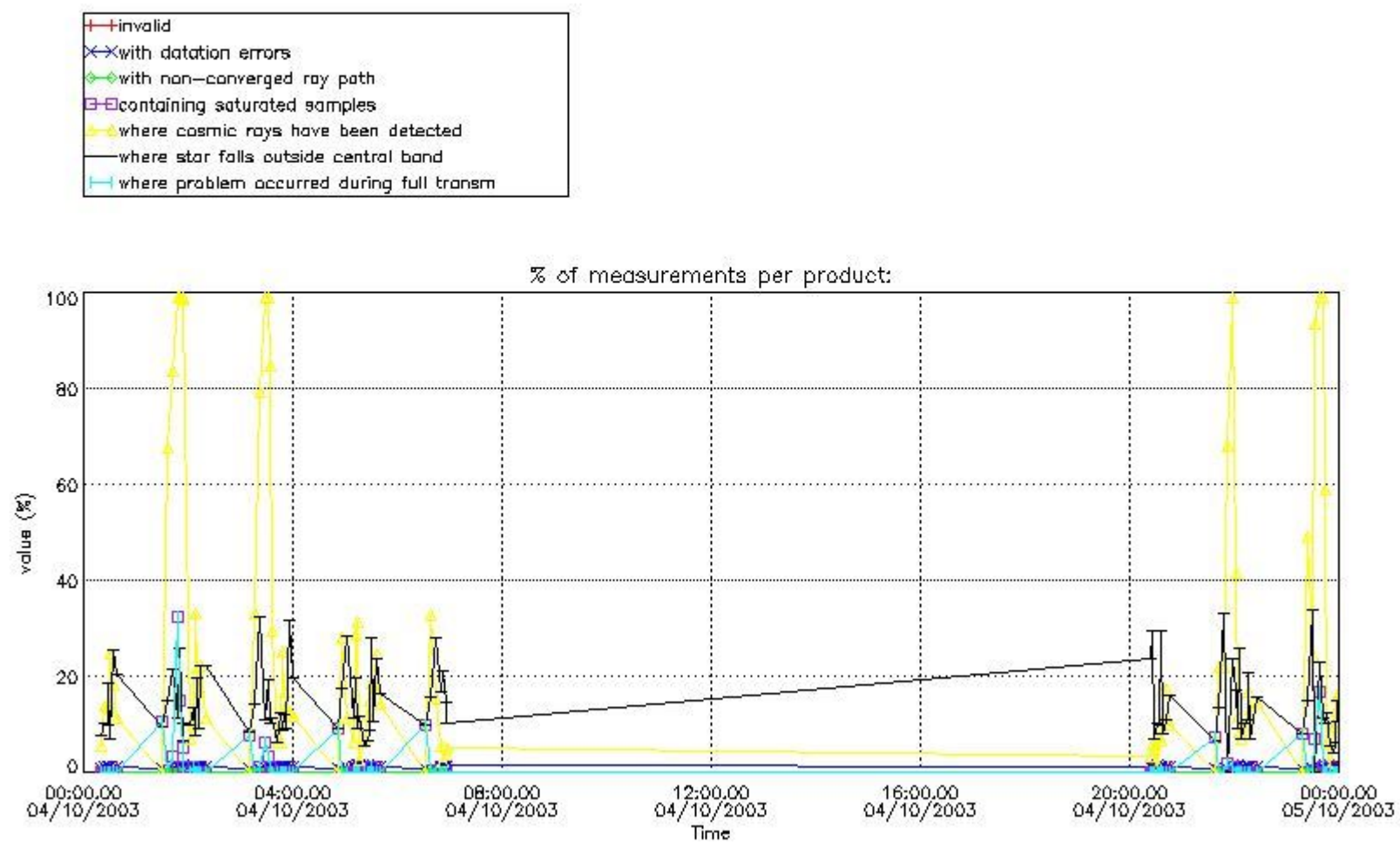


4. Level 1 quality information per product

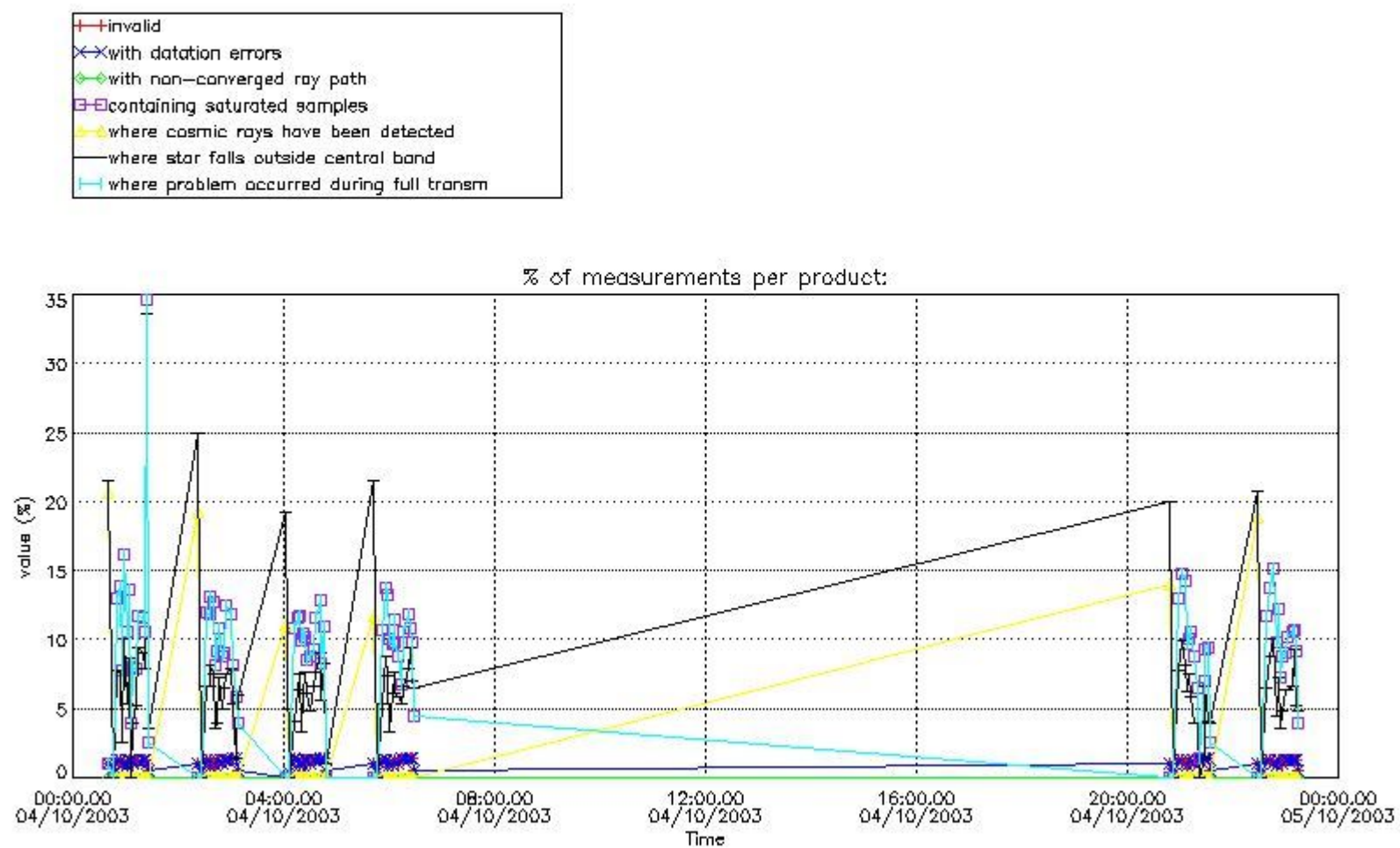
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

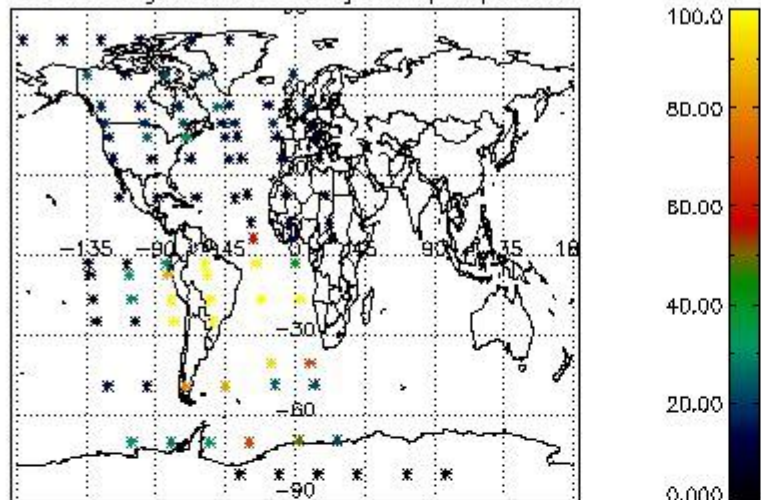


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

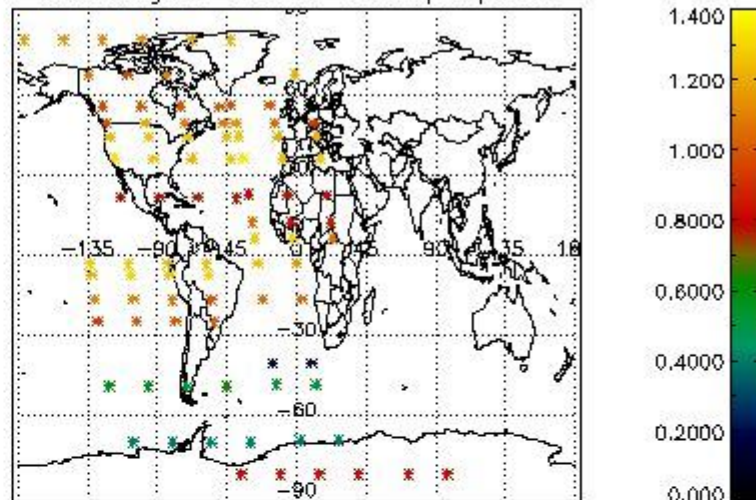


4.2 Plot quality information per product coming from level 1b processing (world map)
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

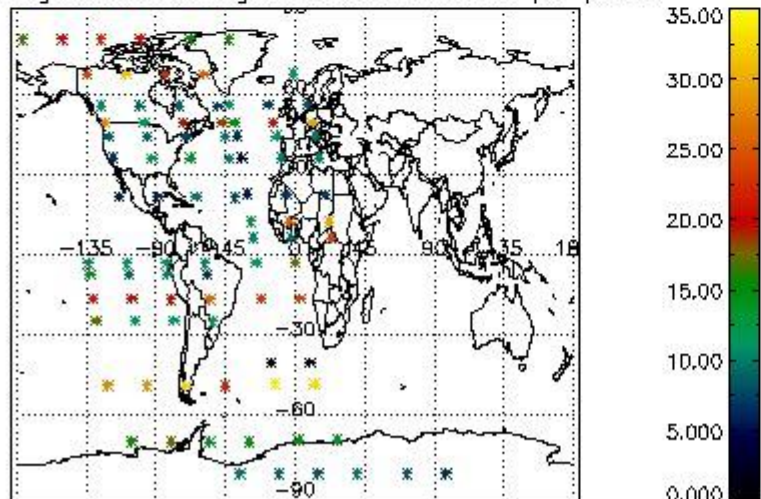
Percentage of cosmic ray hits per profile



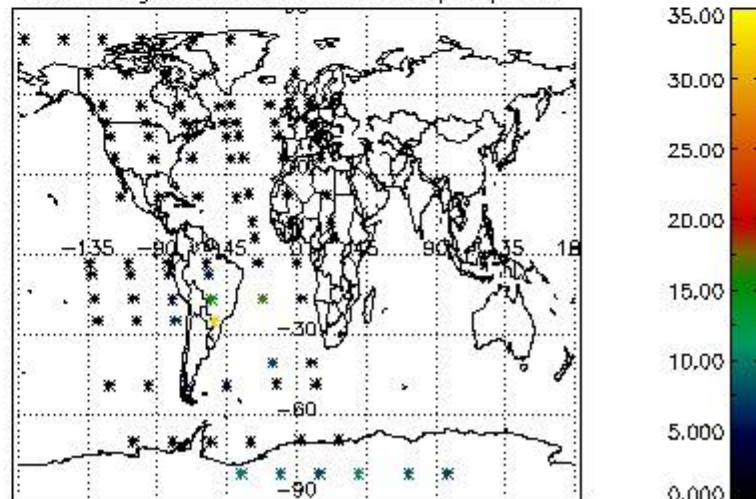
Percentage of datation errors per profile



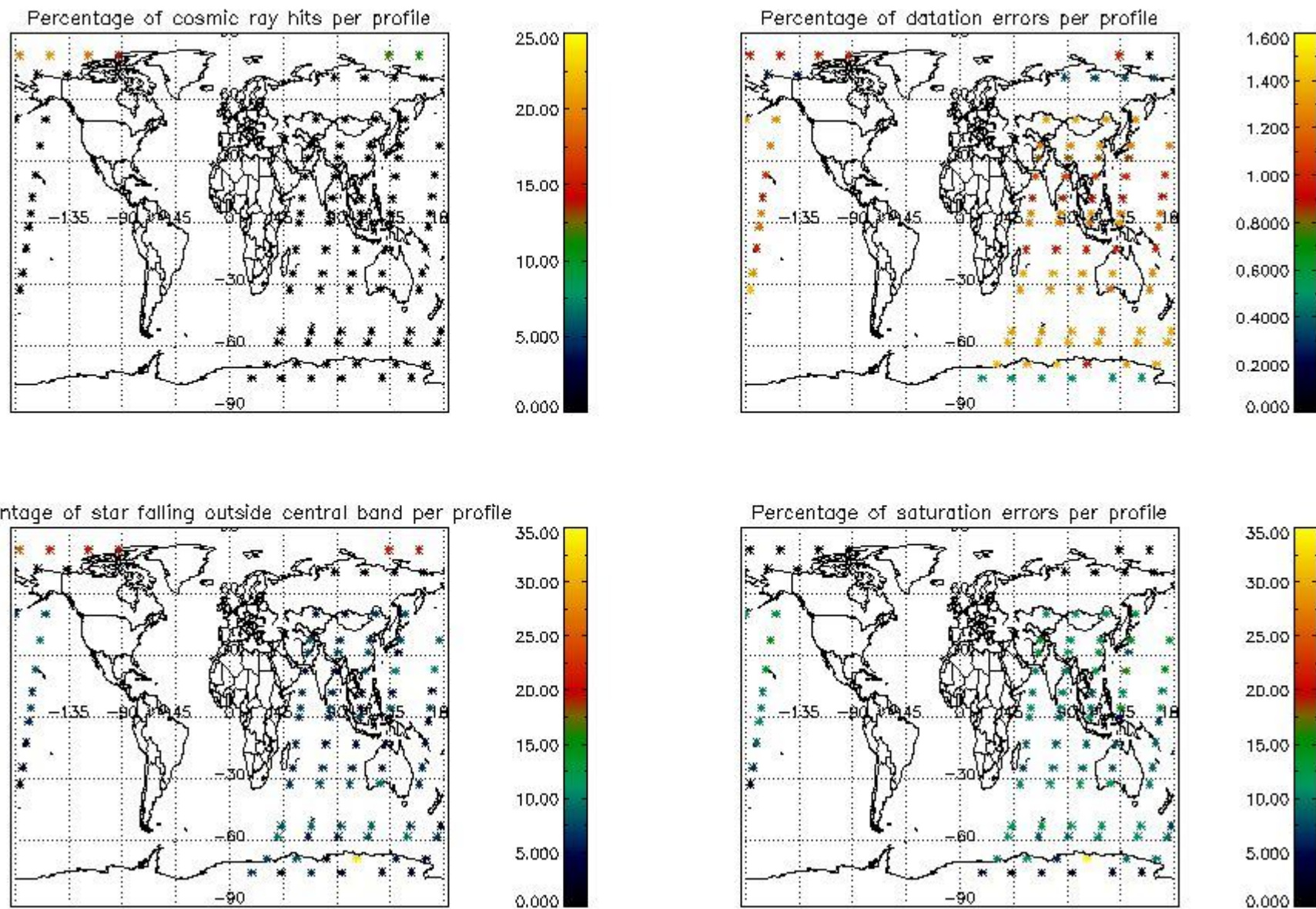
Percentage of star falling outside central band per profile



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

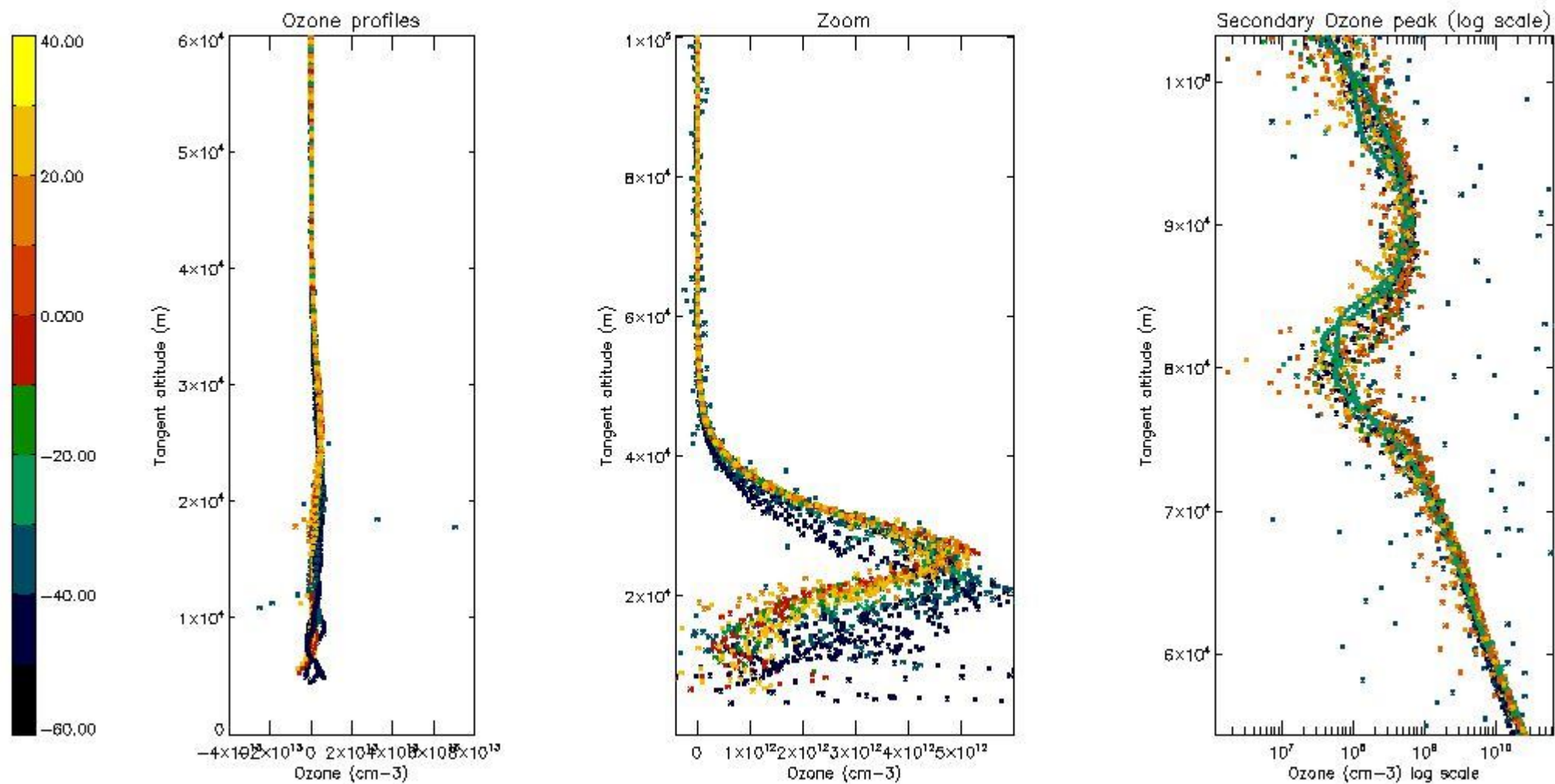
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	34
STD < 20	21

STD < 10	18
STD < 5	12

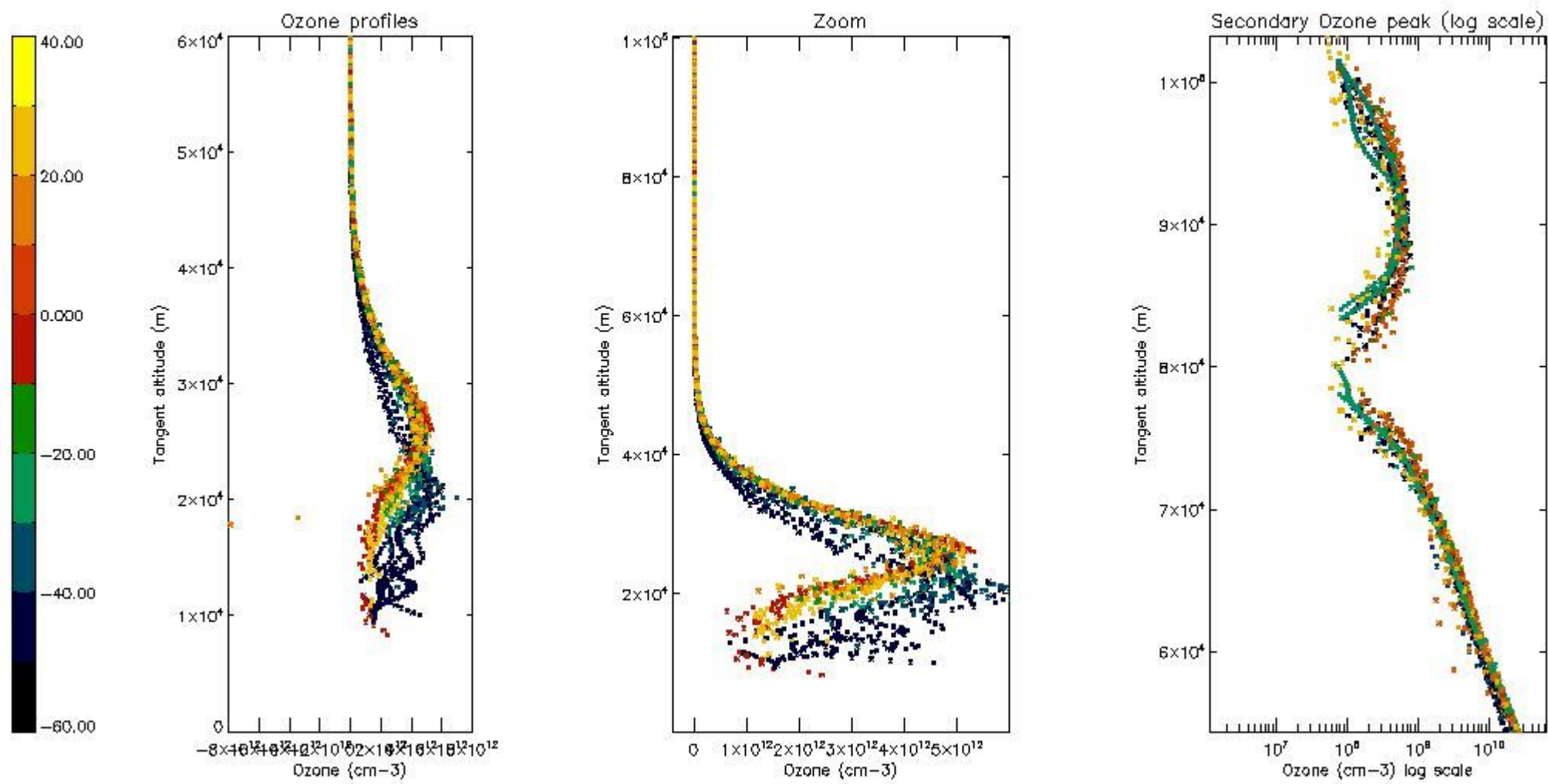
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



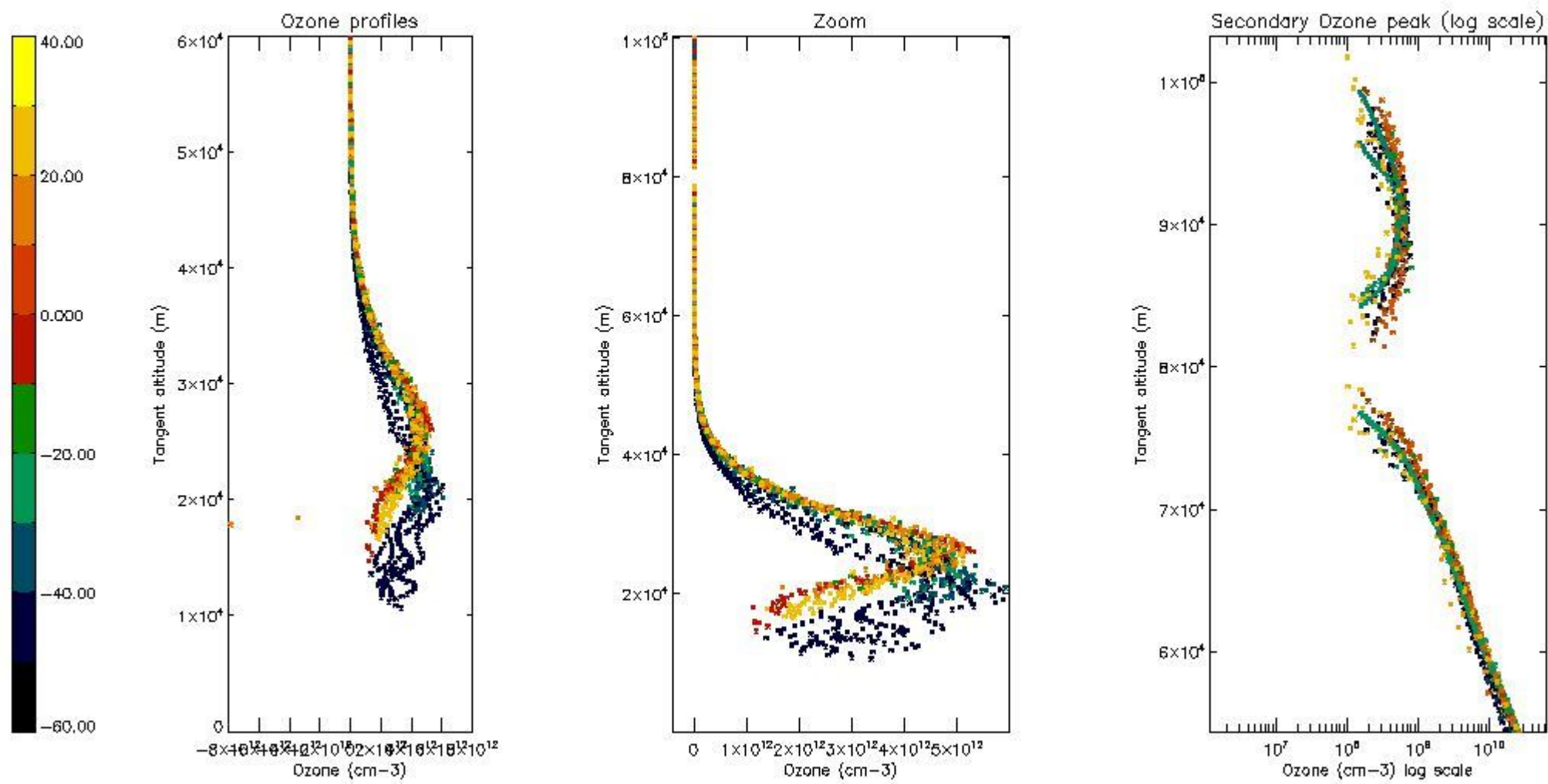
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



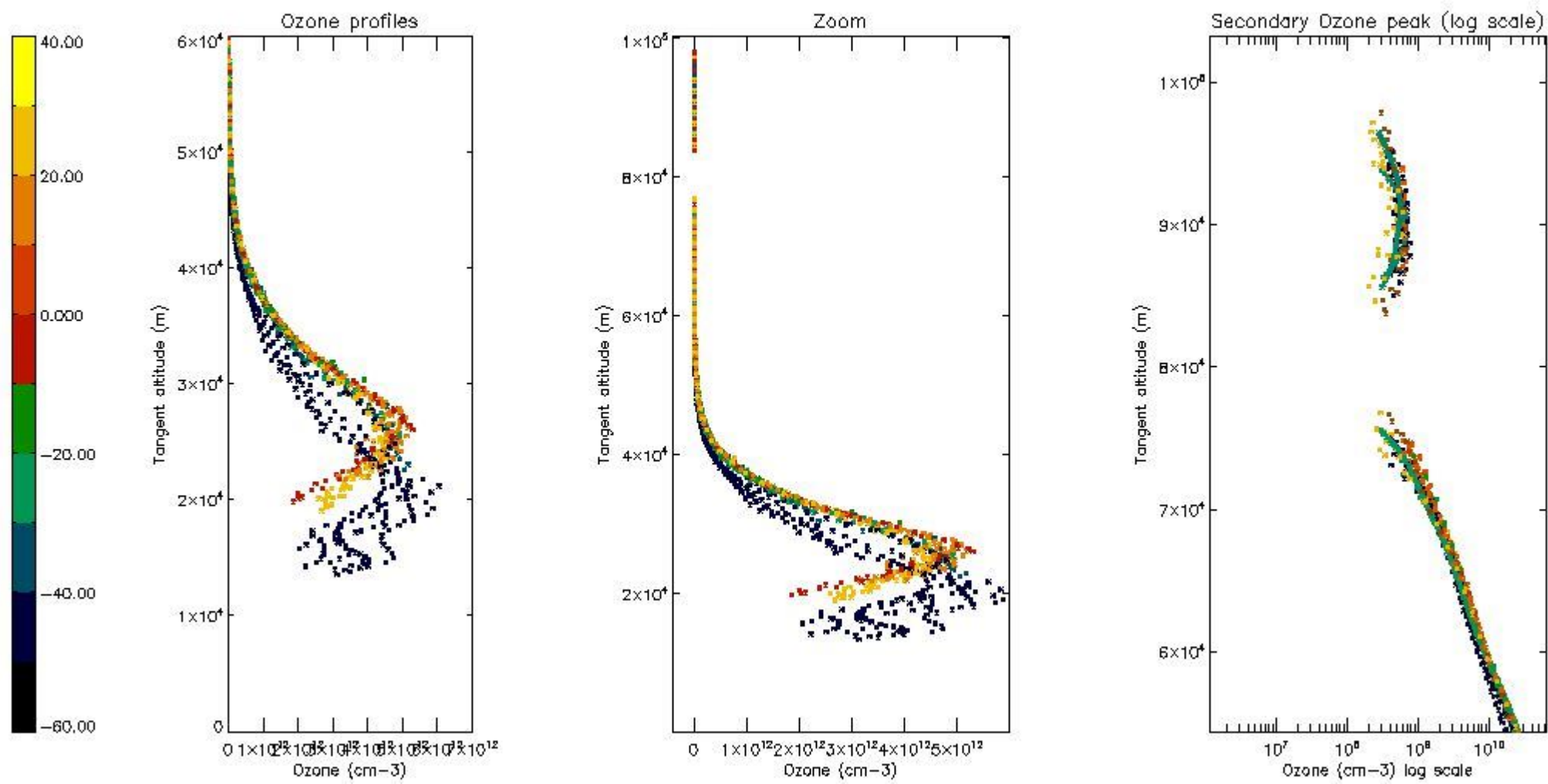
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



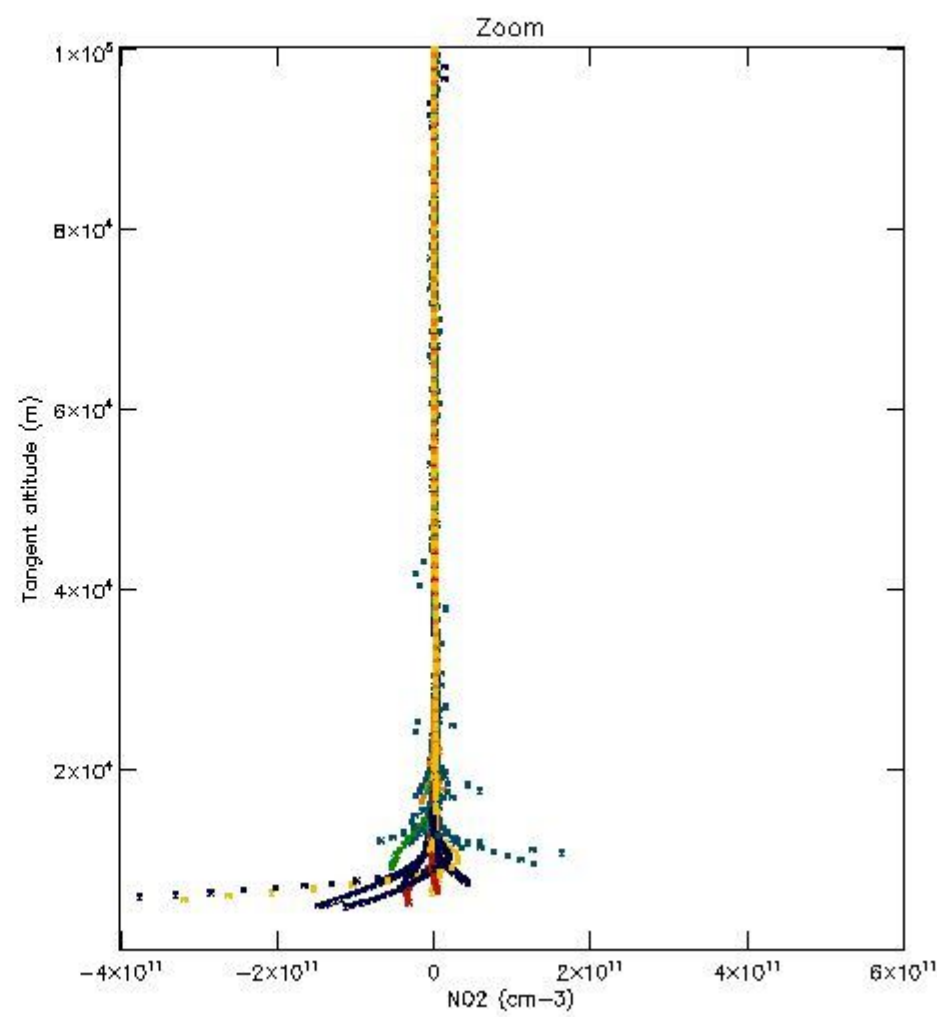
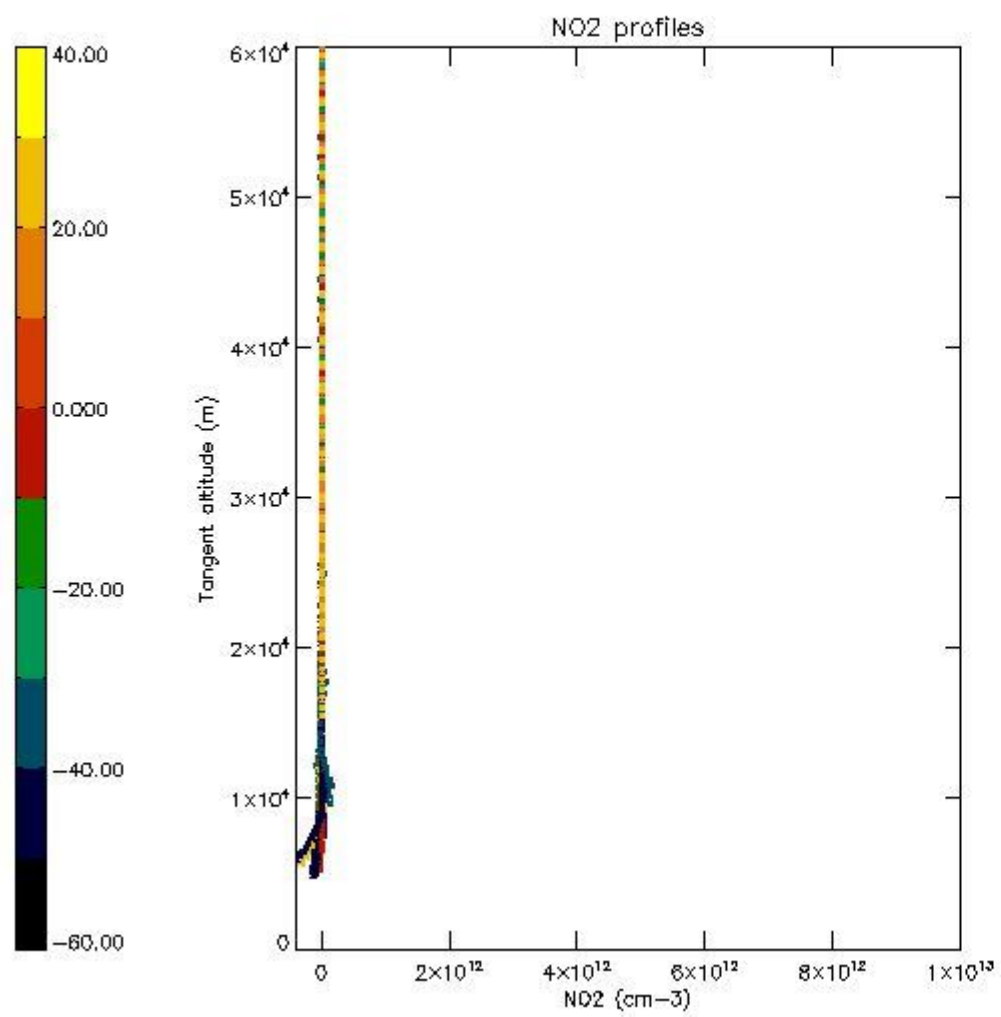
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



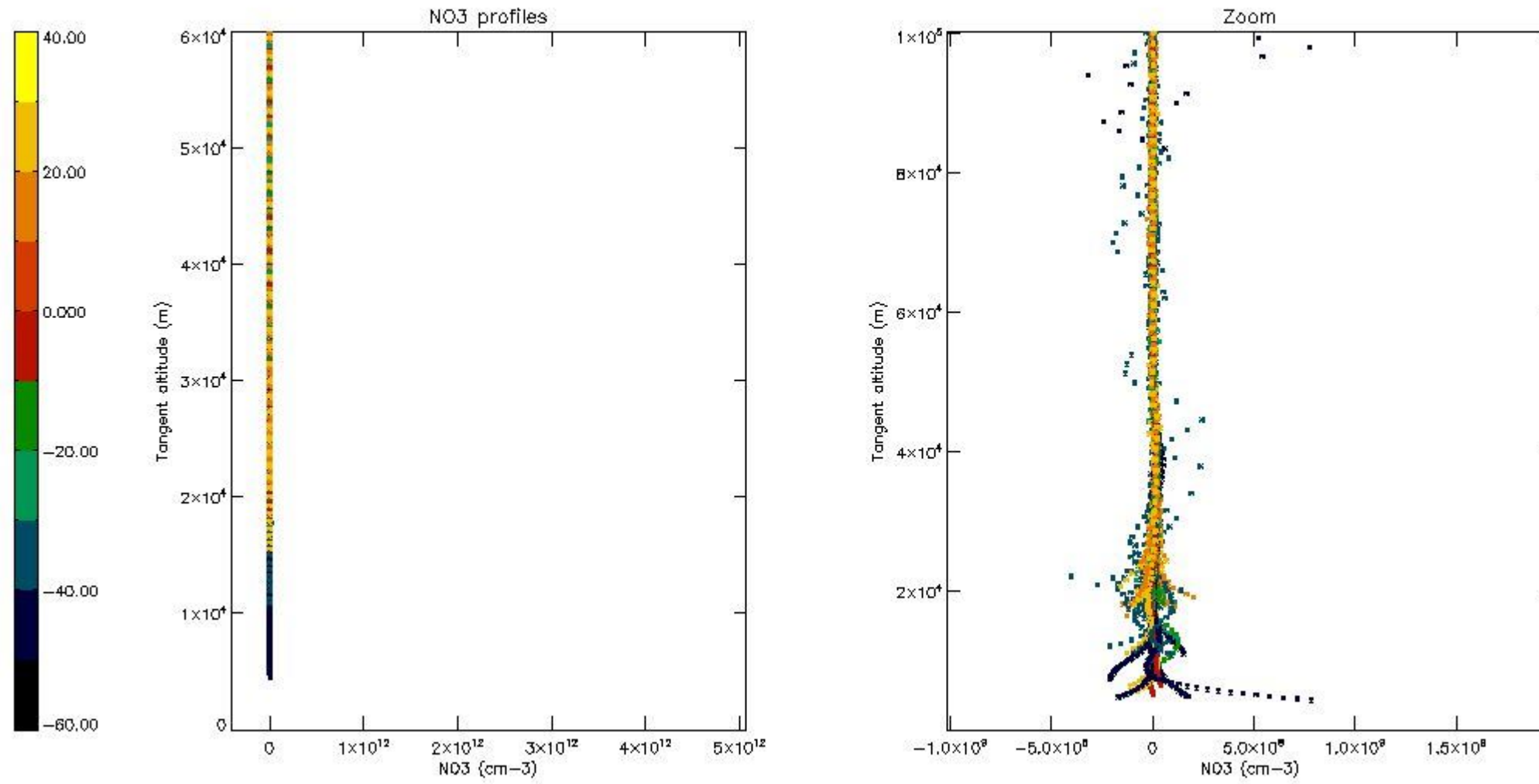
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	04-OCT-2003 00:20:45
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-OCT-2003 00:20:45
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-OCT-2003 00:20:45

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 \(stored on level 2 products\)](#)

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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 \(world map\)](#)

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	19APR2013 21:09:46
Data source version	GOMOS/6.01
Start time of products	04-10-2003 (04OCT2003 00:00:00)
Stop time of products	05-10-2003 (05OCT2003 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	187
Nb of prods with errors	1

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__2PRFIN20031004_002045_000000652020_00260_08330_9194.N1	04-OCT-2003 00:20:45	Dark	65.000	108	Alp Col	2.6520	15200.	130	8330	No
2	GOM_NL__2PRFIN20031004_002453_000000402020_00260_08330_9195.N1	04-OCT-2003 00:24:53	Dark	39.500	135	Bet Hyi	2.8200	5800.0	79	8330	No
3	GOM_NL__2PRFIN20031004_002710_000000412020_00260_08330_9196.N1	04-OCT-2003 00:27:10	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	8330	No
4	GOM_NL__2PRFIN20031004_002837_000000462020_00260_08330_9197.N1	04-OCT-2003 00:28:37	Dark	46.000	9	Alp Eri	0.45300	24000.	92	8330	No
5	GOM_NL__2PRFIN20031004_003025_000000512020_00260_08330_9198.N1	04-OCT-2003 00:30:25	Straylight	50.500	157	The1Eri	2.9060	9300.0	101	8330	No
6	GOM_NL__2PRFIN20031004_003352_000000472020_00260_08330_9199.N1	04-OCT-2003 00:33:52	Straylight	47.000	63	Bet Gru	2.1500	2800.0	94	8330	No
7	GOM_NL__2PRFIN20031004_003832_000000442020_00260_08330_9200.N1	04-OCT-2003 00:38:32	Straylight	44.000	18	24Alp PsA	1.1660	9700.0	88	8330	No
8	GOM_NL__2PRFIN20031004_004046_000000512020_00260_08330_9201.N1	04-OCT-2003 00:40:46	Straylight	51.000	52	16Bet Cet	2.0370	4500.0	102	8330	No
9	GOM_NL__2PRFIN20031004_004500_000001442020_00260_08330_9202.N1	04-OCT-2003 00:45:00	Straylight	144.00	165	34Gam Eri	2.9500	3200.0	288	8330	No
10	GOM_NL__2PRFIN20031004_005054_000000392020_00260_08330_9203.N1	04-OCT-2003 00:50:54	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	8330	No
11	GOM_NL__2PRFIN20031004_005430_000000402020_00260_08330_9204.N1	04-OCT-2003 00:54:30	Bright	39.500	93	53Bet Peg	2.5200	3100.0	79	8330	No
12	GOM_NL__2PRFIN20031004_005612_000000582020_00260_08330_9205.N1	04-OCT-2003 00:56:12	Bright	58.000	105	6Bet Ari	2.6450	8900.0	116	8330	No
13	GOM_NL__2PRFIN20031004_005840_000000502020_00260_08330_9206.N1	04-OCT-2003 00:58:40	Bright	49.500	53	43Bet And	2.0480	3300.0	99	8330	No
14	GOM_NL__2PRFIN20031004_010143_000000572020_00260_08330_9207.N1	04-OCT-2003 01:01:43	Bright	56.500	173	4Bet Tri	3.0040	8900.0	113	8330	No
15	GOM_NL__2PRFIN20031004_010346_000000412020_00260_08330_9208.N1	04-OCT-2003 01:03:46	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	8330	No
16	GOM_NL__2PRFIN20031004_010502_000000382020_00260_08330_9209.N1	04-OCT-2003 01:05:02	Bright	38.000	76	27Gam Cas	2.3000	30000.	76	8330	No
17	GOM_NL__2PRFIN20031004_010840_000000502020_00260_08330_9210.N1	04-OCT-2003 01:08:40	Bright	50.000	160	23Gam Per	2.9300	4700.0	100	8330	No
18	GOM_NL__2PRFIN20031004_011152_000000382020_00260_08330_9211.N1	04-OCT-2003 01:11:52	Bright	38.000	49	1Alp UMi	1.9900	6300.0	76	8330	No
19	GOM_NL__2PRFIN20031004_011403_000000432020_00260_08330_9212.N1	04-OCT-2003 01:14:03	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	8330	No
20	GOM_NL__2PRFIN20031004_011953_000000392020_00260_08330_9213.N1	04-OCT-2003 01:19:53	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	8330	No
21	GOM_NL__2PRFIN20031004_012124_000000382020_00260_08330_9214.N1	04-OCT-2003 01:21:24	Bright	38.000	82	48Bet UMa	2.3650	10600.	76	8330	No
22	GOM_NL__2PRFIN20031004_012438_000000522020_00260_08330_9215.N1	04-OCT-2003 01:24:38	Bright	52.000	174	52Psi UMa	3.0040	4400.0	104	8330	No
23	GOM_NL__2PRFIN20031004_012645_000000992020_00260_08330_9216.N1	04-OCT-2003 01:26:45	Bright	98.500	107	37The Aur	2.6490	11000.	197	8330	No
24	GOM_NL__2PRFIN20031004_013004_000000632020_00260_08330_9217.N1	04-OCT-2003 01:30:04	Bright	62.500	24	66Alp Gem	1.5800	10200.	125	8330	No
25	GOM_NL__2PRFIN20031004_013519_000001222020_00260_08330_9218.N1	04-OCT-2003 01:35:19	Twilight	121.50	170	27Eps Gem	3.0000	9700.0	243	8330	No
26	GOM_NL__2PRFIN20031004_014130_000000792020_00260_08330_9219.N1	04-OCT-2003 01:41:30	Dark	79.000	8	10Alp CMi	0.40000	6500.0	158	8330	No
27	GOM_NL__2PRFIN20031004_014822_000000502020_00260_08330_9220.N1	04-OCT-2003 01:48:22	Dark	49.500	132	15Rho Pup	2.8030	6900.0	99	8330	No
28	GOM_NL__2PRFIN20031004_015040_000000512020_00260_08330_9221.N1	04-OCT-2003 01:50:40	Dark	50.500	65	Lam Vel	2.2040	4400.0	101	8330	No
29	GOM_NL__2PRFIN20031004_015316_000000392020_00260_08330_9222.N1	04-OCT-2003 01:53:16	Dark	38.500	91	Kap Vel	2.4900	26000.	77	8330	No
30	GOM_NL__2PRFIN20031004_015425_000000402020_00260_08330_9223.N1	04-OCT-2003 01:54:25	Dark	40.000	71	Iot Car	2.2460	7700.0	80	8330	No
31	GOM_NL__2PRFIN20031004_020123_000000662020_00261_08331_0261.N1	04-OCT-2003 02:01:23	Dark	66.000	108	Alp Col	2.6520	15200.	132	8331	No
32	GOM_NL__2PRFIN20031004_020529_000000412020_00261_08331_0262.N1	04-OCT-2003 02:05:29	Dark	40.500	135	Bet Hyi	2.8200	5800.0	81	8331	No
33	GOM_NL__2PRFIN20031004_020747_000000402020_00261_08331_0263.N1	04-OCT-2003 02:07:47	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	8331	No
34	GOM_NL__2PRFIN20031004_020914_000000462020_00261_08331_0264.N1	04-OCT-2003 02:09:14	Dark	46.000	9	Alp Eri	0.45300	24000.	92	8331	No
35	GOM_NL__2PRFIN20031004_021102_000000512020_00261_08331_0265.N1	04-OCT-2003 02:11:02	Straylight	50.500	157	The1Eri	2.9060	9300.0	101	8331	No
36	GOM_NL__2PRFIN20031004_021428_000000452020_00261_08331_0266.N1	04-OCT-2003 02:14:28	Straylight	45.000	63	Bet Gru	2.1500	2800.0	90	8331	No
37	GOM_NL__2PRFIN20031004_021908_000000452020_00261_08331_0267.N1	04-OCT-2003 02:19:08	Straylight	45.000	18	24Alp PsA	1.1660	9700.0	90	8331	No
38	GOM_NL__2PRFIN20031004_022123_000000522020_00261_08331_0268.N1	04-OCT-2003 02:21:23	Straylight	52.000	52	16Bet Cet	2.0370	4500.0	104	8331	No
39	GOM_NL__2PRFIN20031004_022532_000001442020_00261_08331_0269.N1	04-OCT-2003 02:25:32	Straylight	144.00	165	34Gam Eri	2.9500	3200.0	288	8331	No
40	GOM_NL__2PRFIN20031004_023131_000000382020_00261_08331_0270.N1	04-OCT-2003 02:31:31	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	8331	No
41	GOM_NL__2PRFIN20031004_023507_000000382020_00261_08331_0271.N1	04-OCT-2003 02:35:07	Bright	38.000	93	53Bet Peg	2.5200	3100.0	76	8331	No
42	GOM_NL__2PRFIN20031004_023648_000000612020_00261_08331_0272.N1	04-OCT-2003 02:36:48	Bright	61.000	105	6Bet Ari	2.6450	8900.0	122	8331	No

43	GOM_NL__2PRFIN20031004_023916_000000472020_00261_08331_0273.N1	04-OCT-2003 02:39:16	Bright	47.000	53	43Bet And	2.0480	3300.0	94	8331	No
44	GOM_NL__2PRFIN20031004_024218_000000562020_00261_08331_0274.N1	04-OCT-2003 02:42:18	Bright	55.500	173	4Bet Tri	3.0040	8900.0	111	8331	No
45	GOM_NL__2PRFIN20031004_024422_000000382020_00261_08331_0275.N1	04-OCT-2003 02:44:22	Bright	38.000	74	11Bet Cas	2.2680	6600.0	76	8331	No
46	GOM_NL__2PRFIN20031004_024538_000000422020_00261_08331_0276.N1	04-OCT-2003 02:45:38	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	8331	No
47	GOM_NL__2PRFIN20031004_024915_000000512020_00261_08331_0277.N1	04-OCT-2003 02:49:15	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	8331	No
48	GOM_NL__2PRFIN20031004_025227_000000392020_00261_08331_0278.N1	04-OCT-2003 02:52:27	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	8331	No
49	GOM_NL__2PRFIN20031004_025441_000000402020_00261_08331_0279.N1	04-OCT-2003 02:54:41	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	8331	No
50	GOM_NL__2PRFIN20031004_030030_000000382020_00261_08331_0280.N1	04-OCT-2003 03:00:30	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	8331	No
51	GOM_NL__2PRFIN20031004_030200_000000372020_00261_08331_0281.N1	04-OCT-2003 03:02:00	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	8331	No
52	GOM_NL__2PRFIN20031004_030515_000000352020_00261_08331_0282.N1	04-OCT-2003 03:05:15	Bright	34.500	174	52Psi UMa	3.0040	4400.0	69	8331	No
53	GOM_NL__2PRFIN20031004_030721_000001012020_00261_08331_0283.N1	04-OCT-2003 03:07:21	Bright	100.50	107	37The Aur	2.6490	11000.	201	8331	No
54	GOM_NL__2PRFIN20031004_031040_000000602020_00261_08331_0284.N1	04-OCT-2003 03:10:40	Bright	60.000	24	66Alp Gem	1.5800	10200.	120	8331	No
55	GOM_NL__2PRFIN20031004_031556_000001232020_00261_08331_0285.N1	04-OCT-2003 03:15:56	Tw_i_and_stray	122.50	170	27Eps Gem	3.0000	9700.0	245	8331	No
56	GOM_NL__2PRFIN20031004_032208_000000912020_00261_08331_0286.N1	04-OCT-2003 03:22:08	Dark	91.000	8	10Alp CMi	0.40000	6500.0	182	8331	No
57	GOM_NL__2PRFIN20031004_032859_000000502020_00261_08331_0287.N1	04-OCT-2003 03:28:59	Dark	50.000	132	15Rho Pup	2.8030	6900.0	100	8331	No
58	GOM_NL__2PRFIN20031004_033116_000000472020_00261_08331_0288.N1	04-OCT-2003 03:31:16	Dark	46.500	65	Lam Vel	2.2040	4400.0	93	8331	No
59	GOM_NL__2PRFIN20031004_033353_000000402020_00261_08331_0289.N1	04-OCT-2003 03:33:53	Dark	39.500	91	Kap Vel	2.4900	26000.	79	8331	No
60	GOM_NL__2PRFIN20031004_033501_000000412020_00261_08331_0290.N1	04-OCT-2003 03:35:01	Dark	40.500	71	lot Car	2.2460	7700.0	81	8331	No
61	GOM_NL__2PRFIN20031004_034200_000000652020_00262_08332_0261.N1	04-OCT-2003 03:42:00	Dark	64.500	108	Alp Col	2.6520	15200.	129	8332	No
62	GOM_NL__2PRFIN20031004_034605_000000402020_00262_08332_0262.N1	04-OCT-2003 03:46:05	Dark	40.000	135	Bet Hyi	2.8200	5800.0	80	8332	No
63	GOM_NL__2PRFIN20031004_034823_000000402020_00262_08332_0263.N1	04-OCT-2003 03:48:23	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	8332	No
64	GOM_NL__2PRFIN20031004_034951_000000422020_00262_08332_0264.N1	04-OCT-2003 03:49:51	Dark	42.000	9	Alp Eri	0.45300	24000.	84	8332	No
65	GOM_NL__2PRFIN20031004_035139_000000512020_00262_08332_0265.N1	04-OCT-2003 03:51:39	Straylight	50.500	157	The1Eri	2.9060	9300.0	101	8332	No
66	GOM_NL__2PRFIN20031004_035503_000000522020_00262_08332_0266.N1	04-OCT-2003 03:55:03	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	8332	No
67	GOM_NL__2PRFIN20031004_035944_000000442020_00262_08332_0267.N1	04-OCT-2003 03:59:44	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	8332	No
68	GOM_NL__2PRFIN20031004_040158_000000502020_00262_08332_0268.N1	04-OCT-2003 04:01:58	Straylight	49.500	52	16Bet Cet	2.0370	4500.0	99	8332	No
69	GOM_NL__2PRFIN20031004_040605_000001442020_00262_08332_0269.N1	04-OCT-2003 04:06:05	Tw_i_and_stray	144.00	165	34Gam Eri	2.9500	3200.0	288	8332	No
70	GOM_NL__2PRFIN20031004_041207_000000372020_00262_08332_0270.N1	04-OCT-2003 04:12:07	Bright	37.000	90	54Alp Peg	2.4870	11000.	74	8332	No
71	GOM_NL__2PRFIN20031004_041542_000000392020_00262_08332_0271.N1	04-OCT-2003 04:15:42	Bright	39.000	93	53Bet Peg	2.5200	3100.0	78	8332	No
72	GOM_NL__2PRFIN20031004_041722_000000602020_00262_08332_0272.N1	04-OCT-2003 04:17:22	Bright	60.000	105	6Bet Ari	2.6450	8900.0	120	8332	No
73	GOM_NL__2PRFIN20031004_041951_000000462020_00262_08332_0273.N1	04-OCT-2003 04:19:51	Bright	45.500	53	43Bet And	2.0480	3300.0	91	8332	No
74	GOM_NL__2PRFIN20031004_042252_000000582020_00262_08332_0274.N1	04-OCT-2003 04:22:52	Bright	57.500	173	4Bet Tri	3.0040	8900.0	115	8332	No
75	GOM_NL__2PRFIN20031004_042458_000000402020_00262_08332_0275.N1	04-OCT-2003 04:24:58	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	8332	No
76	GOM_NL__2PRFIN20031004_042613_000000412020_00262_08332_0276.N1	04-OCT-2003 04:26:13	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	8332	No
77	GOM_NL__2PRFIN20031004_042950_000000522020_00262_08332_0277.N1	04-OCT-2003 04:29:50	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	8332	No
78	GOM_NL__2PRFIN20031004_043304_000000382020_00262_08332_0278.N1	04-OCT-2003 04:33:04	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	8332	No
79	GOM_NL__2PRFIN20031004_043518_000000392020_00262_08332_0279.N1	04-OCT-2003 04:35:18	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	8332	No
80	GOM_NL__2PRFIN20031004_044106_000000392020_00262_08332_0280.N1	04-OCT-2003 04:41:06	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	8332	No
81	GOM_NL__2PRFIN20031004_044237_000000362020_00262_08332_0281.N1	04-OCT-2003 04:42:37	Bright	36.000	82	48Bet UMa	2.3650	10600.	72	8332	No
82	GOM_NL__2PRFIN20031004_044551_000000372020_00262_08332_0282.N1	04-OCT-2003 04:45:51	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	8332	No
83	GOM_NL__2PRFIN20031004_044757_000000952020_00262_08332_0283.N1	04-OCT-2003 04:47:57	Bright	95.000	107	37The Aur	2.6490	11000.	190	8332	No
84	GOM_NL__2PRFIN20031004_045116_000000622020_00262_08332_0284.N1	04-OCT-2003 04:51:16	Bright	61.500	24	66Alp Gem	1.5800	10200.	123	8332	No
85	GOM_NL__2PRFIN20031004_045634_000001272020_00262_08332_0285.N1	04-OCT-2003 04:56:34	Straylight	126.50	170	27Eps Gem	3.0000	9700.0	253	8332	No
86	GOM_NL__2PRFIN20031004_050245_000000852020_00262_08332_0286.N1	04-OCT-2003 05:02:45	Dark	85.000	8	10Alp CMi	0.40000	6500.0	170	8332	No
87	GOM_NL__2PRFIN20031004_050937_000000502020_00262_08332_0287.N1	04-OCT-2003 05:09:37	Dark	49.500	132	15Rho Pup	2.8030	6900.0	99	8332	No
88	GOM_NL__2PRFIN20031004_051154_000000462020_00262_08332_0288.N1	04-OCT-2003 05:11:54	Dark	45.500	65	Lam Vel	2.2040	4400.0	91	8332	No
89	GOM_NL__2PRFIN20031004_051429_000000392020_00262_08332_0289.N1	04-OCT-2003 05:14:29	Dark	38.500	91	Kap Vel	2.4900	26000.	77	8332	No
90	GOM_NL__2PRFIN20031004_051539_000000392020_00262_08332_0290.N1	04-OCT-2003 05:15:39	Dark	39.000	71	lot Car	2.2460	7700.0	78	8332	No
91	GOM_NL__2PRFIN20031004_052238_000000642020_00263_08333_0261.N1	04-OCT-2003 05:22:38	Dark	63.500	108	Alp Col	2.6520	15200.	127	8333	No
92	GOM_NL__2PRFIN20031004_052641_000000382020_00263_08333_0262.N1	04-OCT-2003 05:26:41	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	8333	No
93	GOM_NL__2PRFIN20031004_052859_000000412020_00263_08333_0263.N1	04-OCT-2003 05:28:59	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	8333	No
94	GOM_NL__2PRFIN20031004_053027_000000522020_00263_08333_0264.N1	04-OCT-2003 05:30:27	Dark	51.500	9	Alp Eri	0.45300	24000.	103	8333	No
95	GOM_NL__2PRFIN20031004_053215_000000522020_00263_08333_0265.N1	04-OCT-2003 05:32:15	Straylight	51.500	157	The1Eri	2.9060	9300.0	103	8333	No
96	GOM_NL__2PRFIN20031004_053539_000000472020_00263_08333_0266.N1	04-OCT-2003 05:35:39	Straylight	46.500	63	Bet Gru	2.1500	2800.0	93	8333	No
97	GOM_NL__2PRFIN20031004_054020_000000432020_00263_08333_0267.N1	04-OCT-2003 05:40:20	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	8333	No
98	GOM_NL__2PRFIN20031004_054234_000000512020_00263_08333_0268.N1	04-OCT-2003 05:42:34	Straylight	51.000	52	16Bet Cet	2.0370	4500.0	102	8333	No
99	GOM_NL__2PRFIN20031004_054638_000001442020_00263_08333_0269.N1	04-OCT-2003 05:46:38	Tw_i_and_stray	144.00	165	34Gam Eri	2.9500	3200.0	288	8333	No
100	GOM_NL__2PRFIN20031004_055242_000000382020_00263_08333_0270.N1	04-OCT-2003 05:52:42	Bright	37.500	90	54Alp Peg	2.4870	11000.	75	8333	No
101	GOM_NL__2PRFIN20031004_055618_000000402020_00263_08333_0271.N1	04-OCT-2003 05:56:18	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	8333	No

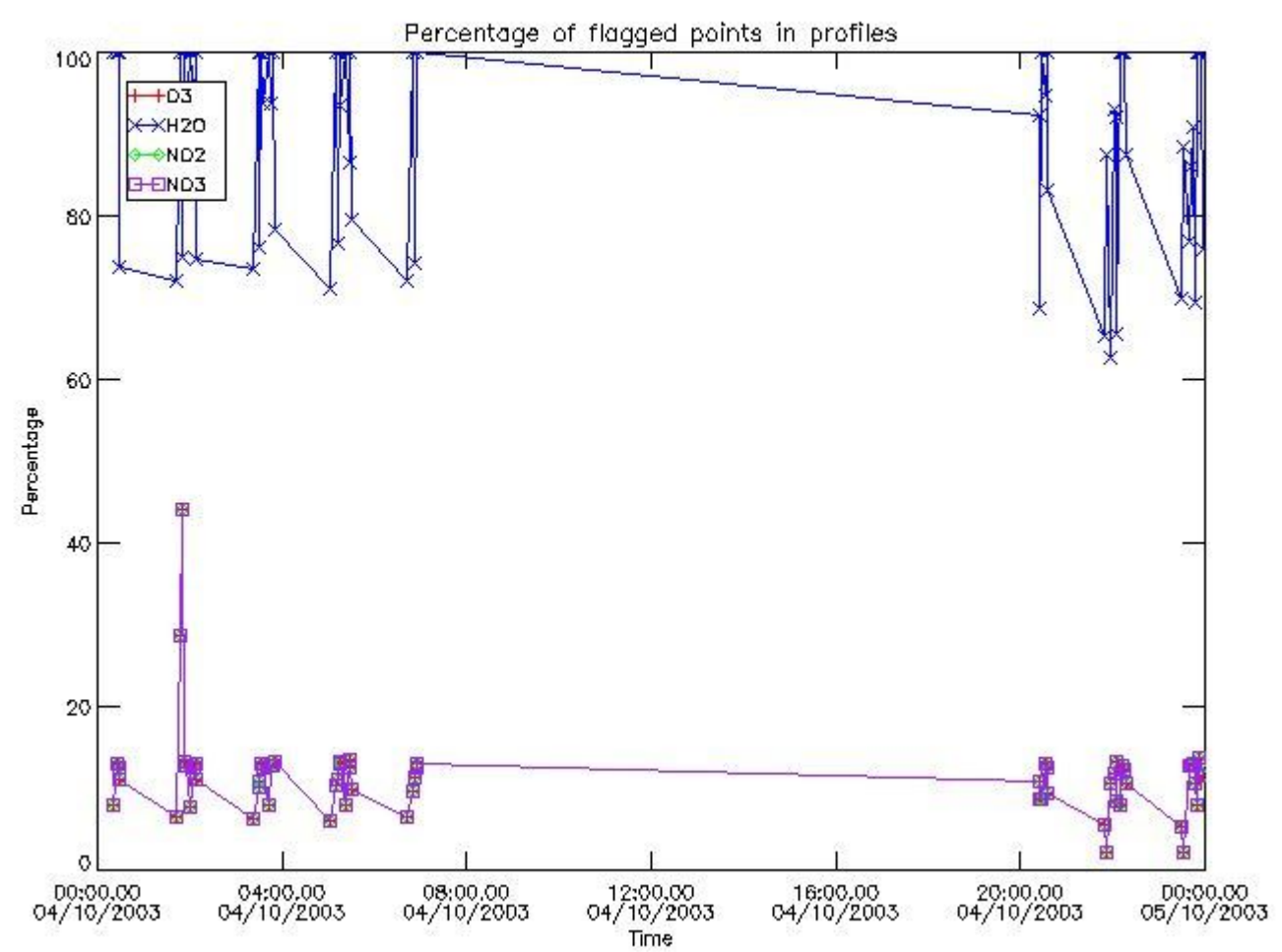
102	GOM_NL__2PRFIN20031004_055757_000000612020_00263_08333_0272.N1	04-OCT-2003 05:57:57	Bright	60.500	105	6Bet Ari	2.6450	8900.0	121	8333	No
103	GOM_NL__2PRFIN20031004_060027_000000452020_00263_08333_0273.N1	04-OCT-2003 06:00:27	Bright	45.000	53	43Bet And	2.0480	3300.0	90	8333	No
104	GOM_NL__2PRFIN20031004_060327_000000572020_00263_08333_0274.N1	04-OCT-2003 06:03:27	Bright	57.000	173	4Bet Tri	3.0040	8900.0	114	8333	No
105	GOM_NL__2PRFIN20031004_060534_000000402020_00263_08333_0275.N1	04-OCT-2003 06:05:34	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	8333	No
106	GOM_NL__2PRFIN20031004_060649_000000412020_00263_08333_0276.N1	04-OCT-2003 06:06:49	Bright	41.000	76	27Gam Cas	2.3000	30000.	82	8333	No
107	GOM_NL__2PRFIN20031004_061025_000000512020_00263_08333_0277.N1	04-OCT-2003 06:10:25	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	8333	No
108	GOM_NL__2PRFIN20031004_061340_000000372020_00263_08333_0278.N1	04-OCT-2003 06:13:40	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	8333	No
109	GOM_NL__2PRFIN20031004_061555_000000382020_00263_08333_0279.N1	04-OCT-2003 06:15:55	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	8333	No
110	GOM_NL__2PRFIN20031004_062142_000000382020_00263_08333_0280.N1	04-OCT-2003 06:21:42	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	8333	No
111	GOM_NL__2PRFIN20031004_062313_000000372020_00263_08333_0281.N1	04-OCT-2003 06:23:13	Bright	37.000	82	48Bet UMa	2.3650	10600.	74	8333	No
112	GOM_NL__2PRFIN20031004_062628_000000362020_00263_08333_0282.N1	04-OCT-2003 06:26:28	Bright	35.500	174	52Psi UMa	3.0040	4400.0	71	8333	No
113	GOM_NL__2PRFIN20031004_062832_000001012020_00263_08333_0283.N1	04-OCT-2003 06:28:32	Bright	101.00	107	37The Aur	2.6490	11000.	202	8333	No
114	GOM_NL__2PRFIN20031004_063153_000000622020_00263_08333_0284.N1	04-OCT-2003 06:31:53	Bright	61.500	24	66Alp Gem	1.5800	10200.	123	8333	No
115	GOM_NL__2PRFIN20031004_063711_000001242020_00263_08333_0285.N1	04-OCT-2003 06:37:11	Straylight	124.00	170	27Eps Gem	3.0000	9700.0	248	8333	No
116	GOM_NL__2PRFIN20031004_064322_000000862020_00263_08333_0286.N1	04-OCT-2003 06:43:22	Dark	86.000	8	10Alp CMi	0.40000	6500.0	172	8333	No
117	GOM_NL__2PRFIN20031004_065013_000000542020_00263_08333_0287.N1	04-OCT-2003 06:50:13	Dark	53.500	132	15Rho Pup	2.8030	6900.0	107	8333	No
118	GOM_NL__2PRFIN20031004_065231_000000452020_00263_08333_0288.N1	04-OCT-2003 06:52:31	Dark	45.000	65	Lam Vel	2.2040	4400.0	90	8333	No
119	GOM_NL__2PRFIN20031004_065506_000000412020_00263_08333_0289.N1	04-OCT-2003 06:55:06	Dark	41.000	91	Kap Vel	2.4900	26000.	82	8333	No
120	GOM_NL__2PRFIN20031004_065615_000000392020_00263_08333_0290.N1	04-OCT-2003 06:56:15	Dark	39.000	71	Iot Car	2.2460	7700.0	78	8333	No
121	GOM_NL__2PRFIN20031004_202343_000000472020_00272_08342_0484.N1	04-OCT-2003 20:23:43	Dark	46.500	29	Bet Car	1.6720	10200.	93	8342	No
122	GOM_NL__2PRFIN20031004_202523_000000602020_00272_08342_0268.N1	04-OCT-2003 20:25:23	Dark	59.500	2	Alp Car	-0.73600	7000.0	119	8342	No
123	GOM_NL__2PRFIN20031004_202815_000000642020_00272_08342_0269.N1	04-OCT-2003 20:28:15	Dark	64.000	108	Alp Col	2.6520	15200.	128	8342	No
124	GOM_NL__2PRFIN20031004_203205_000000392020_00272_08342_0270.N1	04-OCT-2003 20:32:05	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	8342	No
125	GOM_NL__2PRFIN20031004_203425_000000412020_00272_08342_0271.N1	04-OCT-2003 20:34:25	Dark	41.000	143	Alp Hyi	2.8570	7200.0	82	8342	No
126	GOM_NL__2PRFIN20031004_203552_000000542020_00272_08342_0272.N1	04-OCT-2003 20:35:52	Dark	54.000	9	Alp Eri	0.45300	24000.	108	8342	No
127	GOM_NL__2PRFIN20031004_203745_000000502020_00272_08342_0273.N1	04-OCT-2003 20:37:45	Straylight	49.500	157	The1Eri	2.9060	9300.0	99	8342	No
128	GOM_NL__2PRFIN20031004_204110_000000412020_00272_08342_0274.N1	04-OCT-2003 20:41:10	Straylight	41.000	84	Alp Phe	2.3970	4500.0	82	8342	No
129	GOM_NL__2PRFIN20031004_204545_000000412020_00272_08342_0275.N1	04-OCT-2003 20:45:45	Straylight	41.000	18	24Alp PsA	1.1660	9700.0	82	8342	No
130	GOM_NL__2PRFIN20031004_204758_000000502020_00272_08342_0276.N1	04-OCT-2003 20:47:58	Straylight	50.000	52	16Bet Cet	2.0370	4500.0	100	8342	No
131	GOM_NL__2PRFIN20031004_205137_000002022020_00272_08342_0277.N1	04-OCT-2003 20:51:37	Twi_and_stray	202.00	165	34Gam Eri	2.9500	3200.0	404	8342	No
132	GOM_NL__2PRFIN20031004_205806_000000392020_00272_08342_0278.N1	04-OCT-2003 20:58:06	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	8342	No
133	GOM_NL__2PRFIN20031004_210142_000000412020_00272_08342_0279.N1	04-OCT-2003 21:01:42	Bright	40.500	93	53Bet Peg	2.5200	3100.0	81	8342	No
134	GOM_NL__2PRFIN20031004_210543_000000492020_00272_08342_0280.N1	04-OCT-2003 21:05:43	Bright	49.000	53	43Bet And	2.0480	3300.0	98	8342	No
135	GOM_NL__2PRFIN20031004_210840_000000572020_00272_08342_0281.N1	04-OCT-2003 21:08:40	Bright	56.500	173	4Bet Tri	3.0040	8900.0	113	8342	No
136	GOM_NL__2PRFIN20031004_211055_000000402020_00272_08342_0282.N1	04-OCT-2003 21:10:55	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	8342	No
137	GOM_NL__2PRFIN20031004_211244_000000432020_00272_08342_0283.N1	04-OCT-2003 21:12:44	Bright	42.500	110	37Del Cas	2.6780	8900.0	85	8342	No
138	GOM_NL__2PRFIN20031004_211540_000000512020_00272_08342_0284.N1	04-OCT-2003 21:15:40	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	8342	No
139	GOM_NL__2PRFIN20031004_211902_000000392020_00272_08342_0285.N1	04-OCT-2003 21:19:02	Bright	38.500	49	1Alp UMi	1.9900	6300.0	77	8342	No
140	GOM_NL__2PRFIN20031004_212119_000000352020_00272_08342_0286.N1	04-OCT-2003 21:21:19	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	8342	No
141	GOM_NL__2PRFIN20031004_212706_000000362020_00272_08342_0287.N1	04-OCT-2003 21:27:06	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	8342	No
142	GOM_NL__2PRFIN20031004_212836_000000382020_00272_08342_0288.N1	04-OCT-2003 21:28:36	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	8342	No
143	GOM_NL__2PRFIN20031004_213151_000000372020_00272_08342_0289.N1	04-OCT-2003 21:31:51	Bright	37.000	174	52Psi UMa	3.0040	4400.0	74	8342	No
144	GOM_NL__2PRFIN20031004_213352_000001012020_00272_08342_0290.N1	04-OCT-2003 21:33:52	Bright	100.50	107	37The Aur	2.6490	11000.	201	8342	No
145	GOM_NL__2PRFIN20031004_213717_000000612020_00272_08342_0291.N1	04-OCT-2003 21:37:17	Bright	60.500	24	66Alp Gem	1.5800	10200.	121	8342	No
146	GOM_NL__2PRFIN20031004_214245_000001292020_00272_08342_0292.N1	04-OCT-2003 21:42:45	Straylight	128.50	170	27Eps Gem	3.0000	9700.0	257	8342	No
147	GOM_NL__2PRFIN20031004_214856_000000942020_00272_08342_0293.N1	04-OCT-2003 21:48:56	Dark	94.000	8	10Alp CMi	0.40000	6500.0	188	8342	No
148	GOM_NL__2PRFIN20031004_215108_000002552020_00272_08342_0294.N1	04-OCT-2003 21:51:08	Dark	255.00	44	24Gam Gem	1.9280	11000.	510	8342	No
149	GOM_NL__2PRFIN20031004_215757_000000492020_00272_08342_0295.N1	04-OCT-2003 21:57:57	Dark	48.500	65	Lam Vel	2.2040	4400.0	97	8342	No
150	GOM_NL__2PRFIN20031004_220140_000000442020_00272_08342_0296.N1	04-OCT-2003 22:01:40	Dark	43.500	71	Iot Car	2.2460	7700.0	87	8342	No
151	GOM_NL__2PRFIN20031004_220419_000000392020_00273_08343_0268.N1	04-OCT-2003 22:04:19	Dark	38.500	29	Bet Car	1.6720	10200.	77	8343	No
152	GOM_NL__2PRFIN20031004_220557_000000602020_00273_08343_0269.N1	04-OCT-2003 22:05:57	Dark	60.000	2	Alp Car	-0.73600	7000.0	120	8343	No
153	GOM_NL__2PRFIN20031004_220852_000000652020_00273_08343_0270.N1	04-OCT-2003 22:08:52	Dark	65.000	108	Alp Col	2.6520	15200.	130	8343	No
154	GOM_NL__2PRFIN20031004_221241_000000402020_00273_08343_0271.N1	04-OCT-2003 22:12:41	Dark	40.000	135	Bet Hyi	2.8200	5800.0	80	8343	No
155	GOM_NL__2PRFIN20031004_221502_000000422020_00273_08343_0272.N1	04-OCT-2003 22:15:02	Dark	41.500	143	Alp Hyi	2.8570	7200.0	83	8343	No
156	GOM_NL__2PRFIN20031004_221629_000000482020_00273_08343_0273.N1	04-OCT-2003 22:16:29	Dark	48.000	9	Alp Eri	0.45300	24000.	96	8343	No
157	GOM_NL__2PRFIN20031004_221821_000000502020_00273_08343_0274.N1	04-OCT-2003 22:18:21	Straylight	50.000	157	The1Eri	2.9060	9300.0	100	8343	No
158	GOM_NL__2PRFIN20031004_222146_000000412020_00273_08343_0370.N1	04-OCT-2003 22:21:46	Dark	41.000	84	Alp Phe	2.3970	4500.0	82	8343	Yes
159	GOM_NL__2PRFIN20031004_222621_000000422020_00273_08343_0371.N1	04-OCT-2003 22:26:21	Straylight	41.500	18	24Alp PsA	1.1660	9700.0	83	8343	No
160	GOM_NL__2PRFIN20031004_222834_000000512020_00273_08343_0372.N1	04-OCT-2003 22:28:34	Straylight	50.500	52	16Bet Cet	2.0370	4500.0	101	8343	No

161	GOM_NL__2PRFIN20031004_223211_000002022020_00273_08343_0373.N1	04-OCT-2003 22:32:11	Twilight	202.00	165	34Gam Eri	2.9500	3200.0	404	8343	No
162	GOM_NL__2PRFIN20031004_223842_000000392020_00273_08343_0374.N1	04-OCT-2003 22:38:42	Bright	38.500	90	54Alp Peg	2.4870	11000.	77	8343	No
163	GOM_NL__2PRFIN20031004_224218_000000402020_00273_08343_0375.N1	04-OCT-2003 22:42:18	Bright	40.000	93	53Bet Peg	2.5200	3100.0	80	8343	No
164	GOM_NL__2PRFIN20031004_224619_000000502020_00273_08343_0376.N1	04-OCT-2003 22:46:19	Bright	49.500	53	43Bet And	2.0480	3300.0	99	8343	No
165	GOM_NL__2PRFIN20031004_224914_000000562020_00273_08343_0377.N1	04-OCT-2003 22:49:14	Bright	56.000	173	4Bet Tri	3.0040	8900.0	112	8343	No
166	GOM_NL__2PRFIN20031004_225130_000000412020_00273_08343_0378.N1	04-OCT-2003 22:51:30	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	8343	No
167	GOM_NL__2PRFIN20031004_225319_000000422020_00273_08343_0379.N1	04-OCT-2003 22:53:19	Bright	41.500	110	37Del Cas	2.6780	8900.0	83	8343	No
168	GOM_NL__2PRFIN20031004_225615_000000522020_00273_08343_0380.N1	04-OCT-2003 22:56:15	Bright	51.500	160	23Gam Per	2.9300	4700.0	103	8343	No
169	GOM_NL__2PRFIN20031004_225938_000000392020_00273_08343_0381.N1	04-OCT-2003 22:59:38	Bright	39.000	49	1Alp UMi	1.9900	6300.0	78	8343	No
170	GOM_NL__2PRFIN20031004_230155_000000402020_00273_08343_0382.N1	04-OCT-2003 23:01:55	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	8343	No
171	GOM_NL__2PRFIN20031004_230742_000000382020_00273_08343_0383.N1	04-OCT-2003 23:07:42	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	8343	No
172	GOM_NL__2PRFIN20031004_230913_000000382020_00273_08343_0384.N1	04-OCT-2003 23:09:13	Bright	37.500	82	48Bet UMa	2.3650	10600.	75	8343	No
173	GOM_NL__2PRFIN20031004_231227_000000382020_00273_08343_0385.N1	04-OCT-2003 23:12:27	Bright	38.000	174	52Psi UMa	3.0040	4400.0	76	8343	No
174	GOM_NL__2PRFIN20031004_231427_000001032020_00273_08343_0386.N1	04-OCT-2003 23:14:27	Bright	102.50	107	37The Aur	2.6490	11000.	205	8343	No
175	GOM_NL__2PRFIN20031004_231753_000000622020_00273_08343_0387.N1	04-OCT-2003 23:17:53	Bright	61.500	24	66Alp Gem	1.5800	10200.	123	8343	No
176	GOM_NL__2PRFIN20031004_232322_000001312020_00273_08343_0388.N1	04-OCT-2003 23:23:22	Straylight	131.00	170	27Eps Gem	3.0000	9700.0	262	8343	No
177	GOM_NL__2PRFIN20031004_232933_000000952020_00273_08343_0389.N1	04-OCT-2003 23:29:33	Dark	95.000	8	10Alp CMi	0.40000	6500.0	190	8343	No
178	GOM_NL__2PRFIN20031004_233148_000002552020_00273_08343_0390.N1	04-OCT-2003 23:31:48	Dark	255.00	44	24Gam Gem	1.9280	11000.	510	8343	No
179	GOM_NL__2PRFIN20031004_233833_000000482020_00273_08343_0391.N1	04-OCT-2003 23:38:33	Dark	48.000	65	Lam Vel	2.2040	4400.0	96	8343	No
180	GOM_NL__2PRFIN20031004_234216_000000402020_00273_08343_0392.N1	04-OCT-2003 23:42:16	Dark	40.000	71	Iot Car	2.2460	7700.0	80	8343	No
181	GOM_NL__2PRFIN20031004_234455_000000392020_00274_08344_0371.N1	04-OCT-2003 23:44:55	Dark	39.000	29	Bet Car	1.6720	10200.	78	8344	No
182	GOM_NL__2PRFIN20031004_234636_000000482020_00274_08344_0372.N1	04-OCT-2003 23:46:36	Dark	48.000	2	Alp Car	-0.73600	7000.0	96	8344	No
183	GOM_NL__2PRFIN20031004_234930_000000642020_00274_08344_0373.N1	04-OCT-2003 23:49:30	Dark	63.500	108	Alp Col	2.6520	15200.	127	8344	No
184	GOM_NL__2PRFIN20031004_235317_000000372020_00274_08344_0374.N1	04-OCT-2003 23:53:17	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	8344	No
185	GOM_NL__2PRFIN20031004_235538_000000402020_00274_08344_0375.N1	04-OCT-2003 23:55:38	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	8344	No
186	GOM_NL__2PRFIN20031004_235705_000000442020_00274_08344_0376.N1	04-OCT-2003 23:57:05	Dark	44.000	9	Alp Eri	0.45300	24000.	88	8344	No
187	GOM_NL__2PRFIN20031004_235858_000000522020_00274_08344_0377.N1	04-OCT-2003 23:58:58	Straylight	51.500	157	The1Eri	2.9060	9300.0	103	8344	No

3. Quality information per product

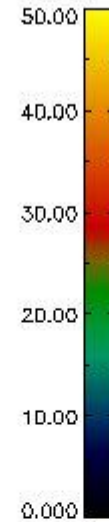
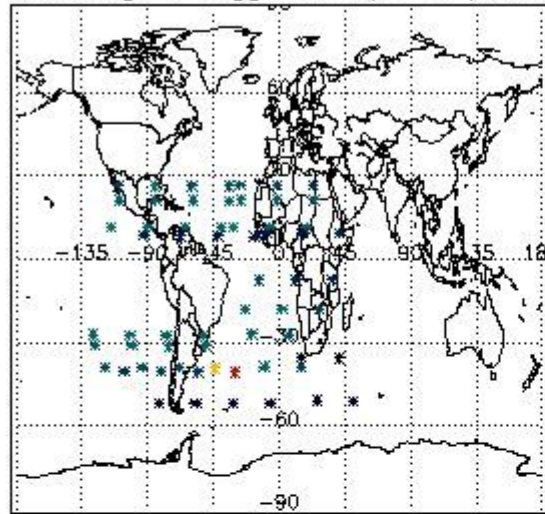
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

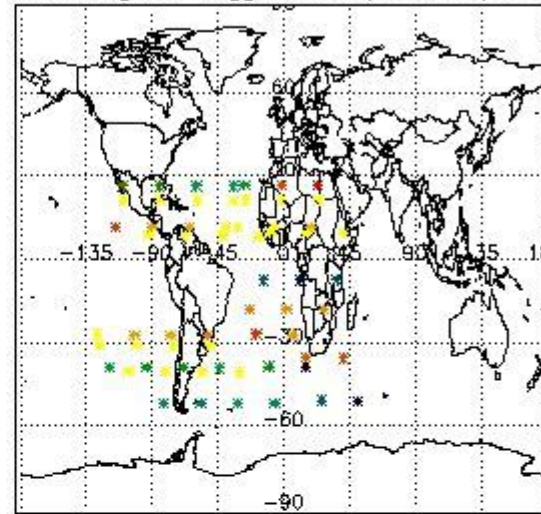


3.2 Plot quality information per product (world map)

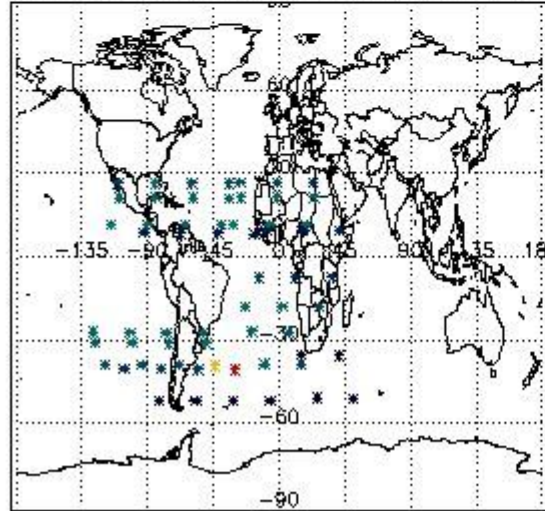
Percentage of flagged data per O3 profile



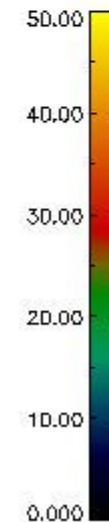
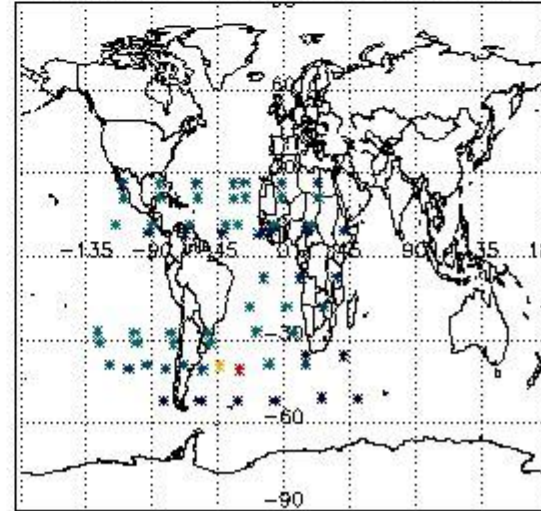
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

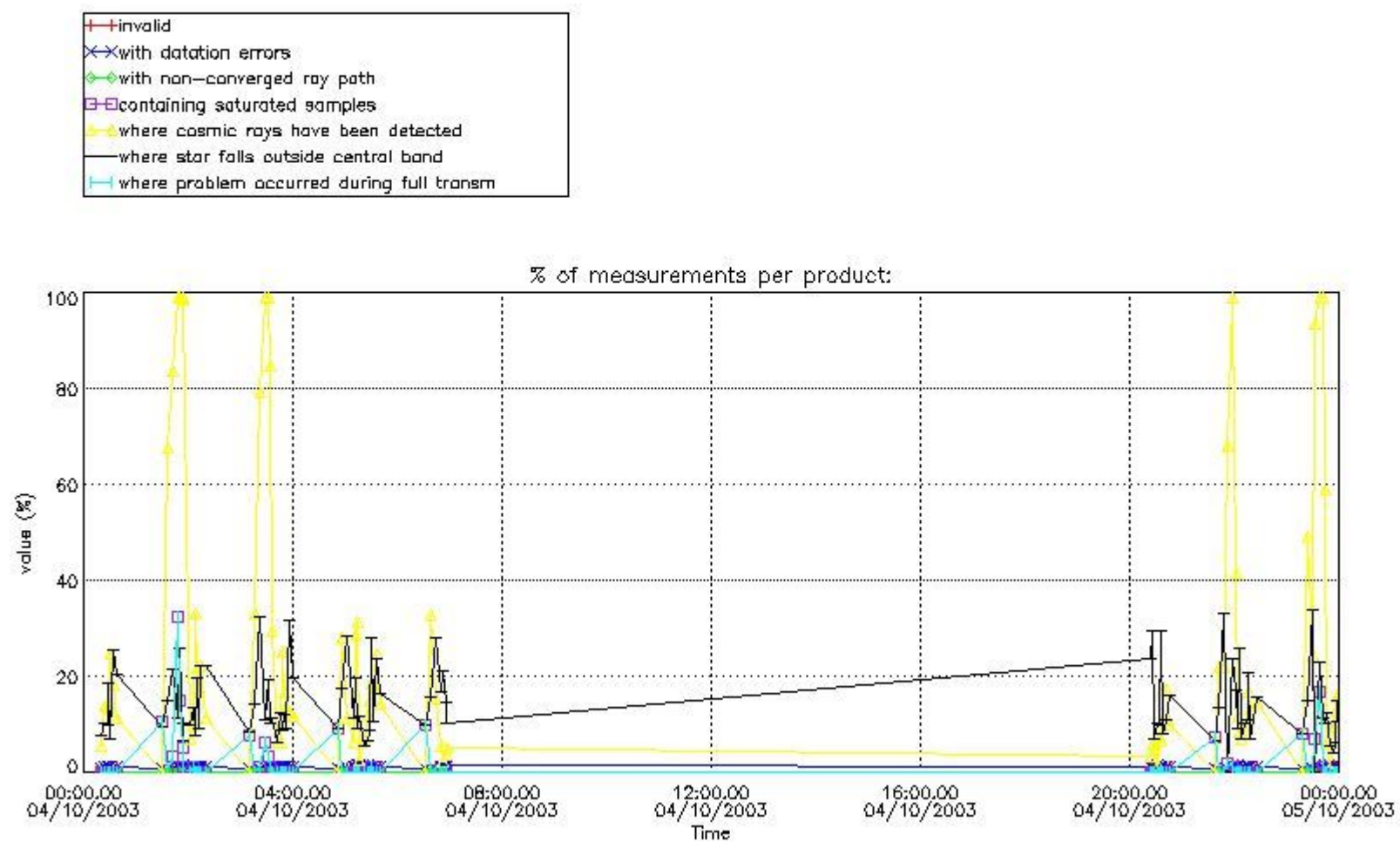


4. Level 1 quality information per product

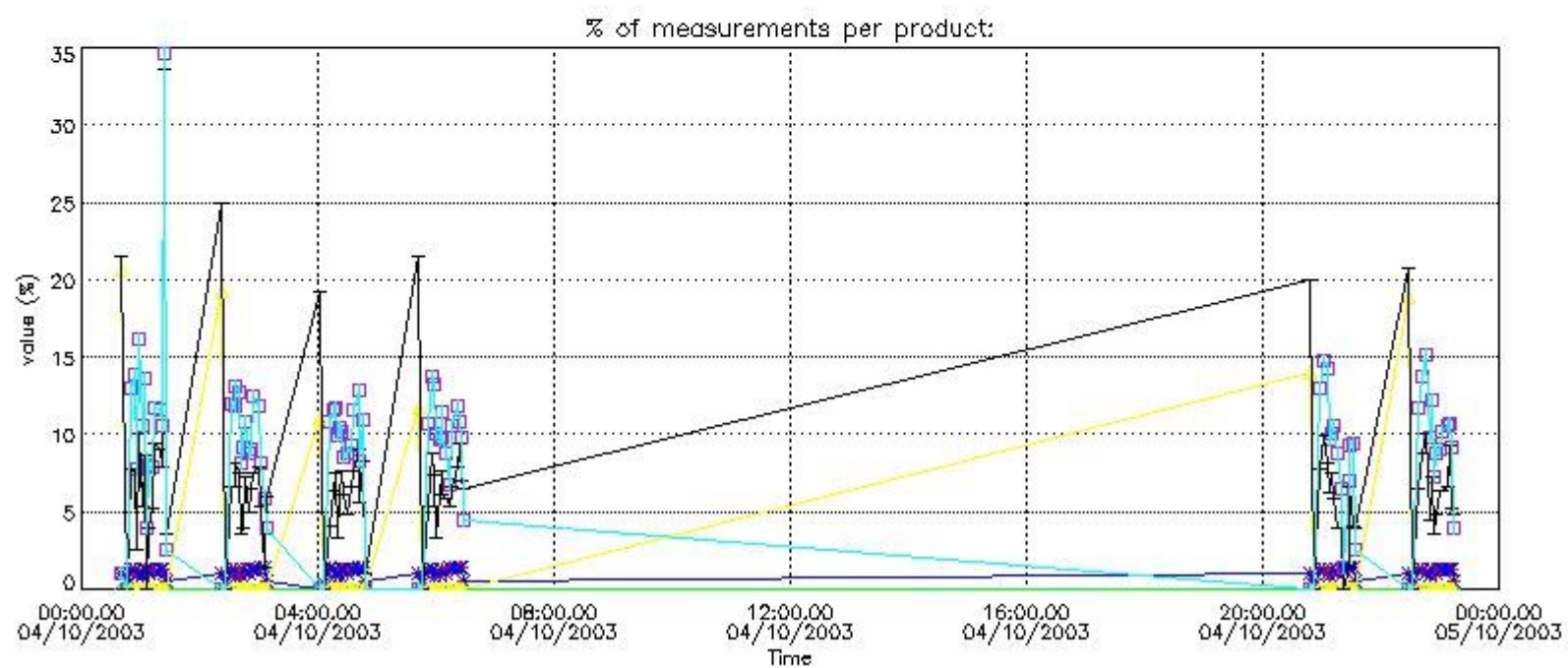
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



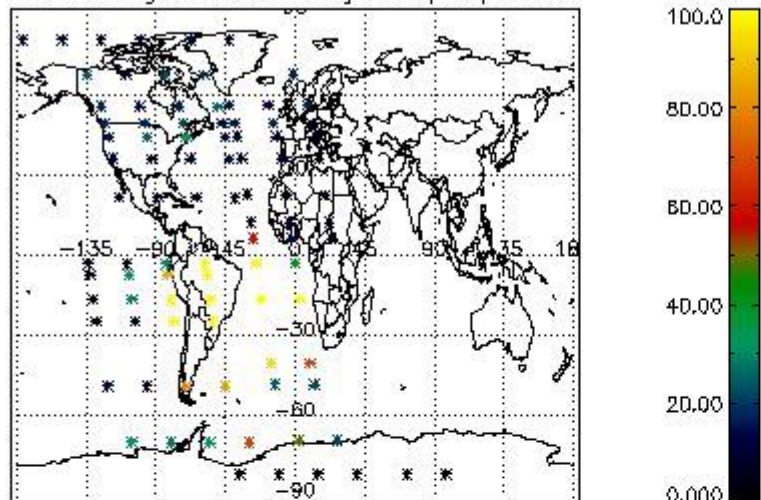
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



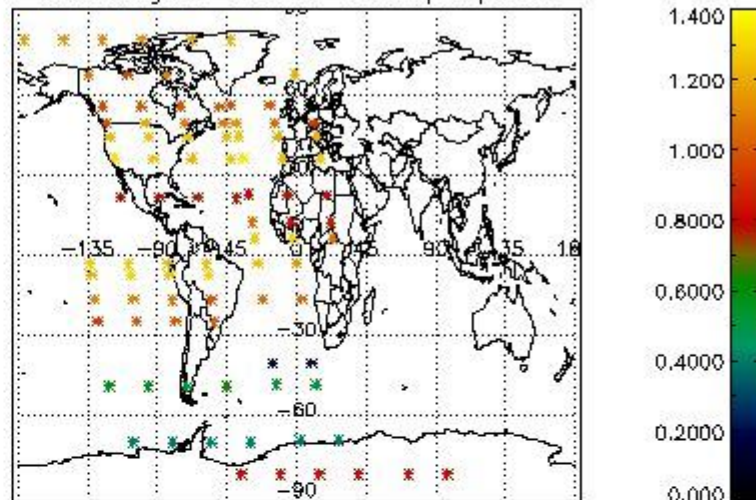
4.2 Plot quality information per product coming from level 1b processing (world map)

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

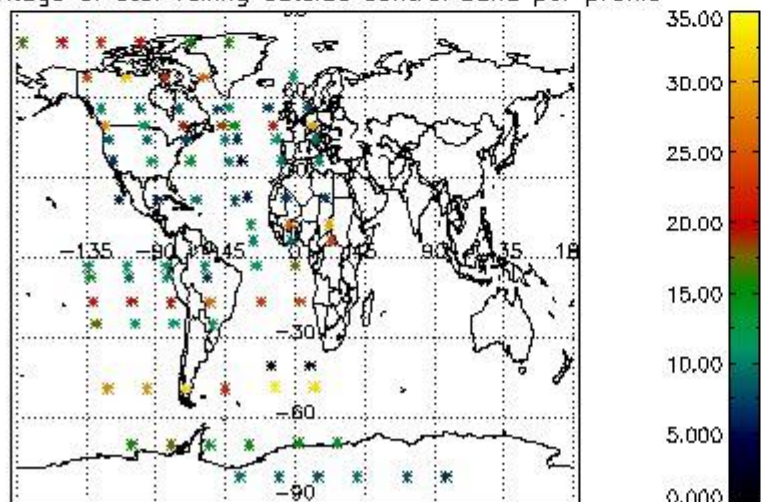
Percentage of cosmic ray hits per profile



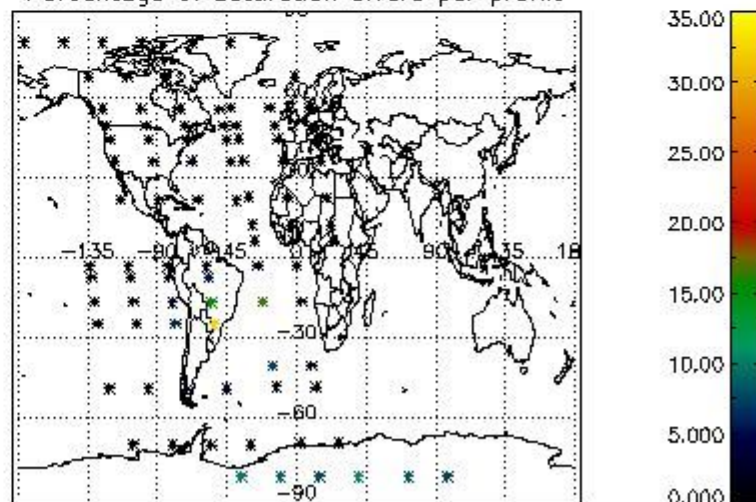
Percentage of datation errors per profile



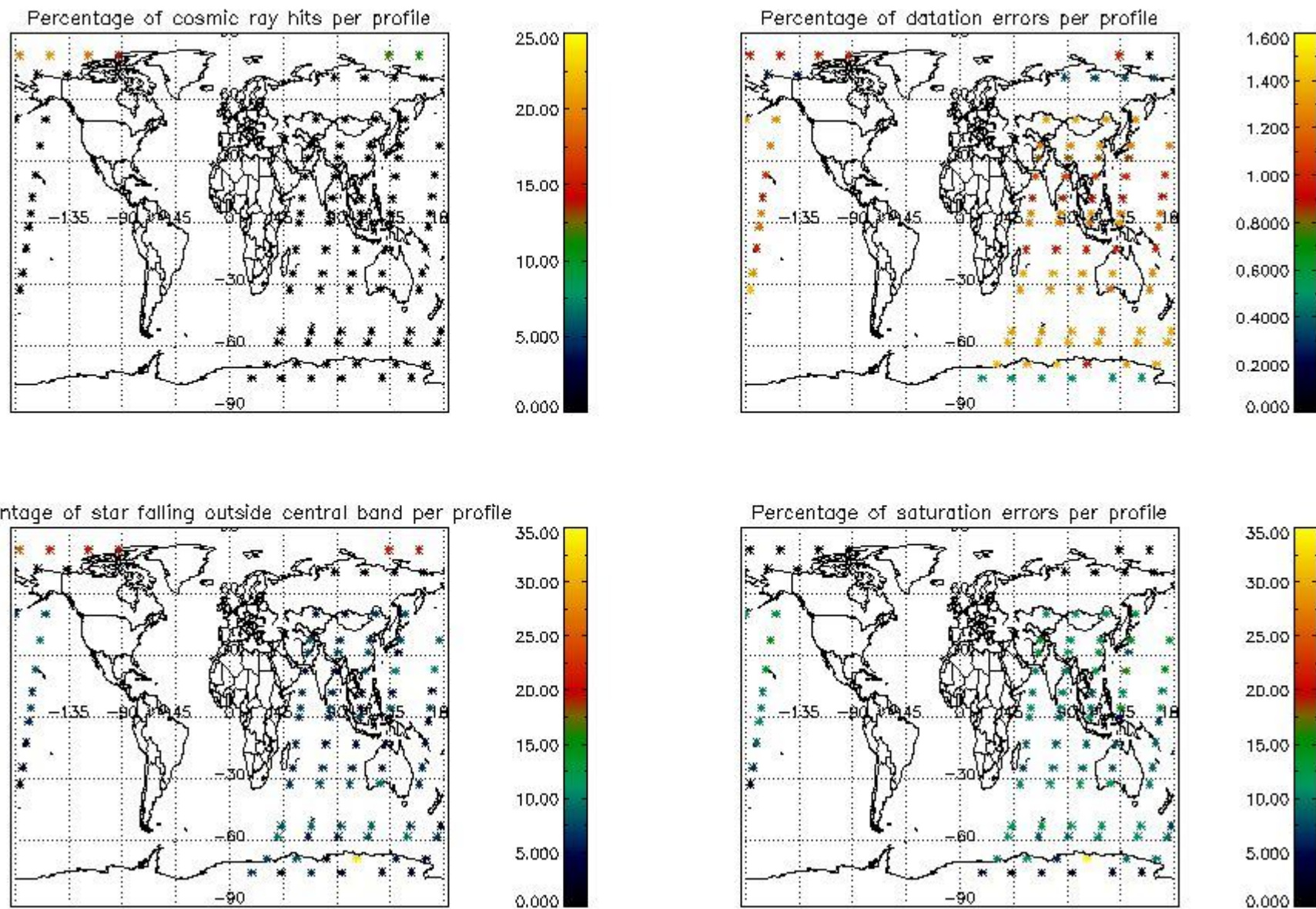
Percentage of star falling outside central band per profile



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

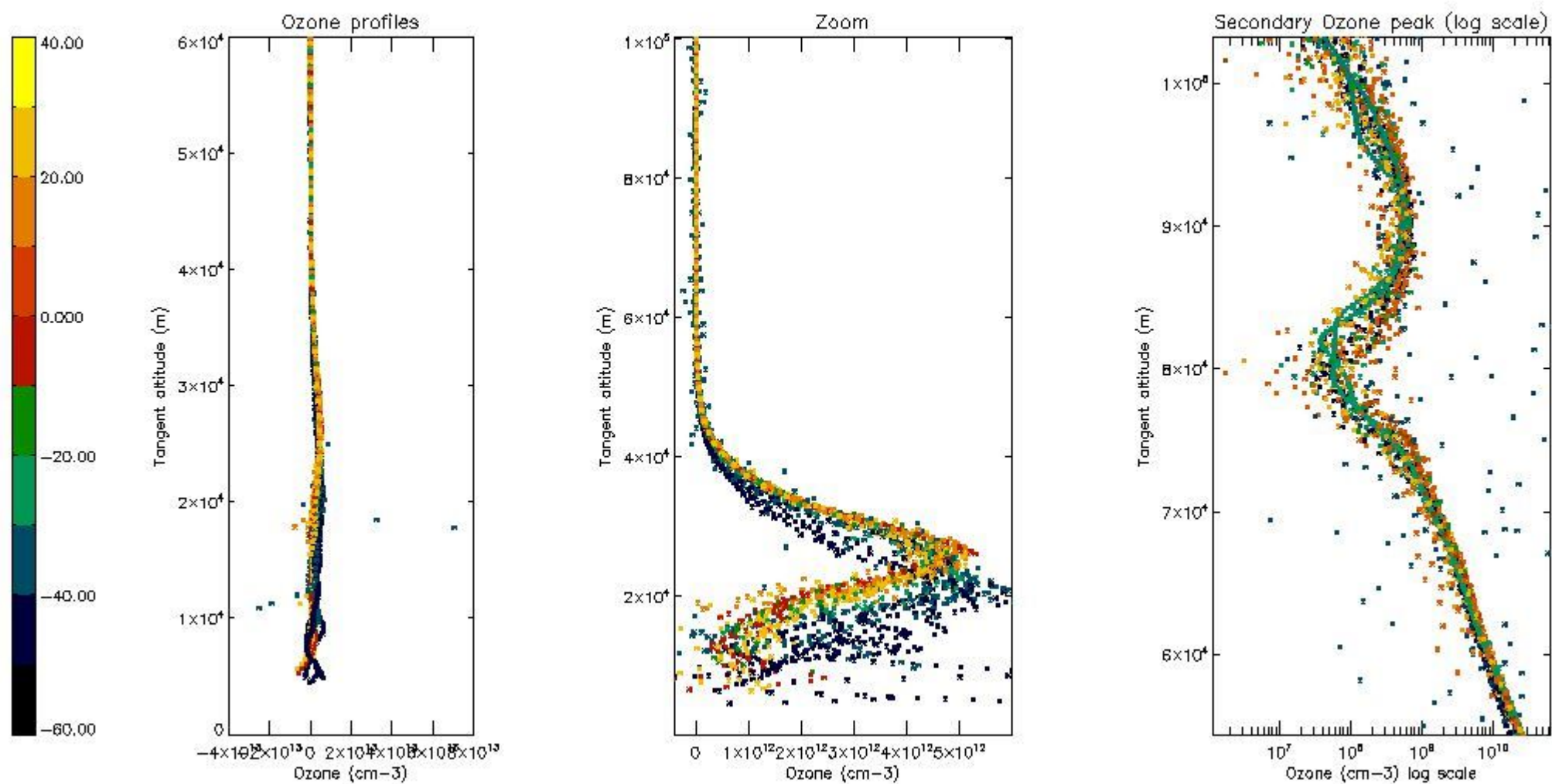
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	34
STD < 20	21

STD < 10	18
STD < 5	12

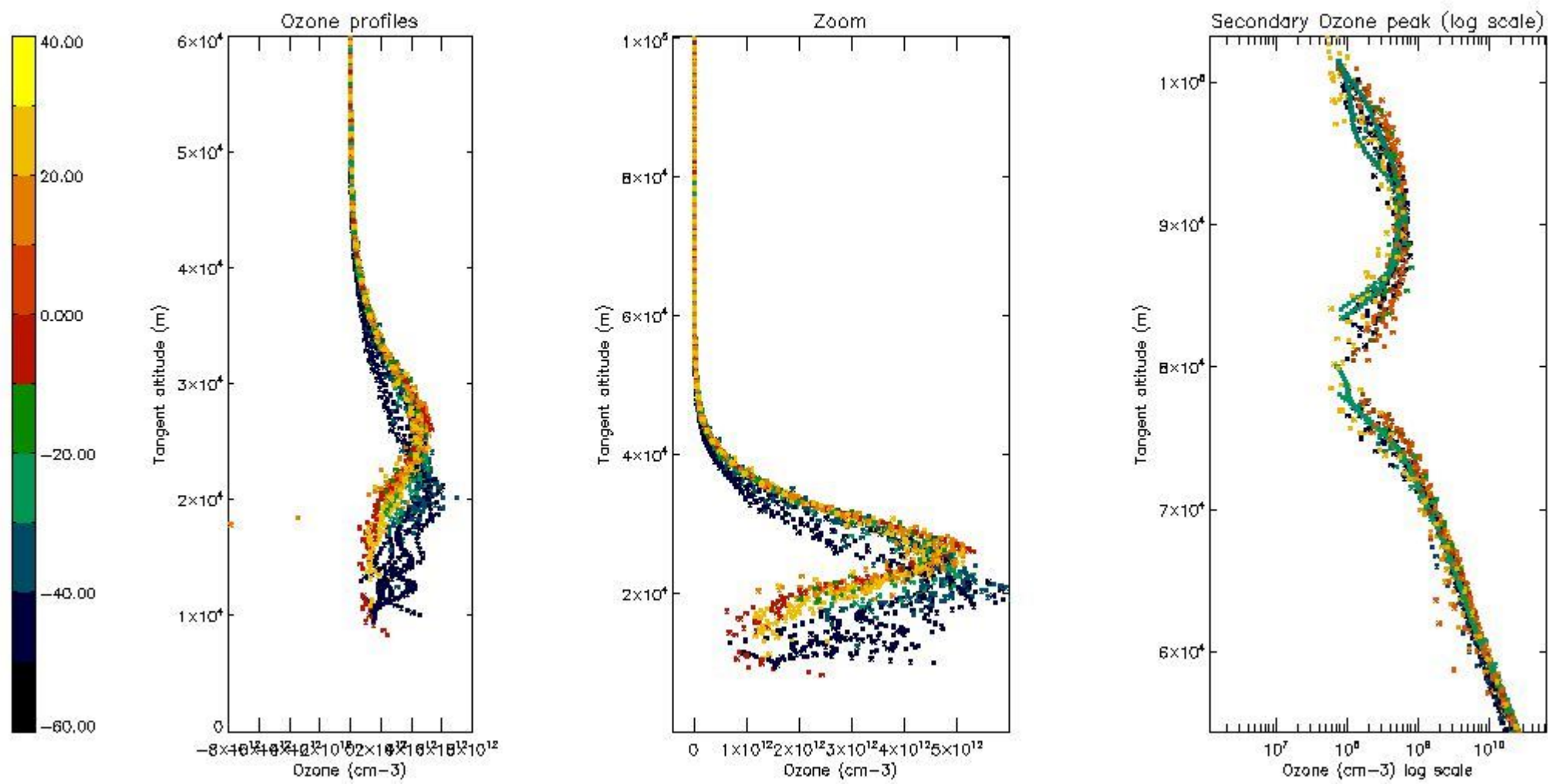
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



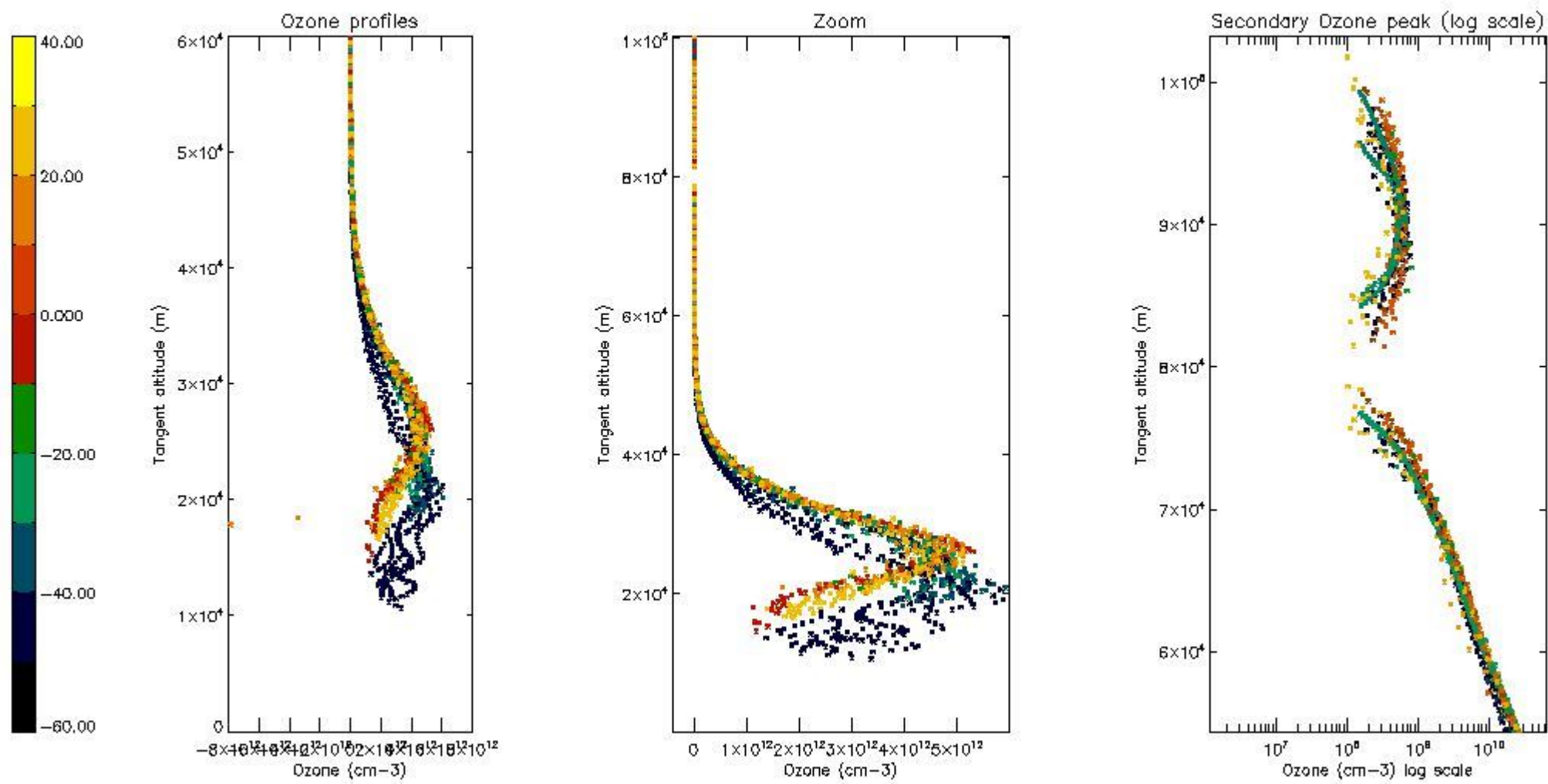
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



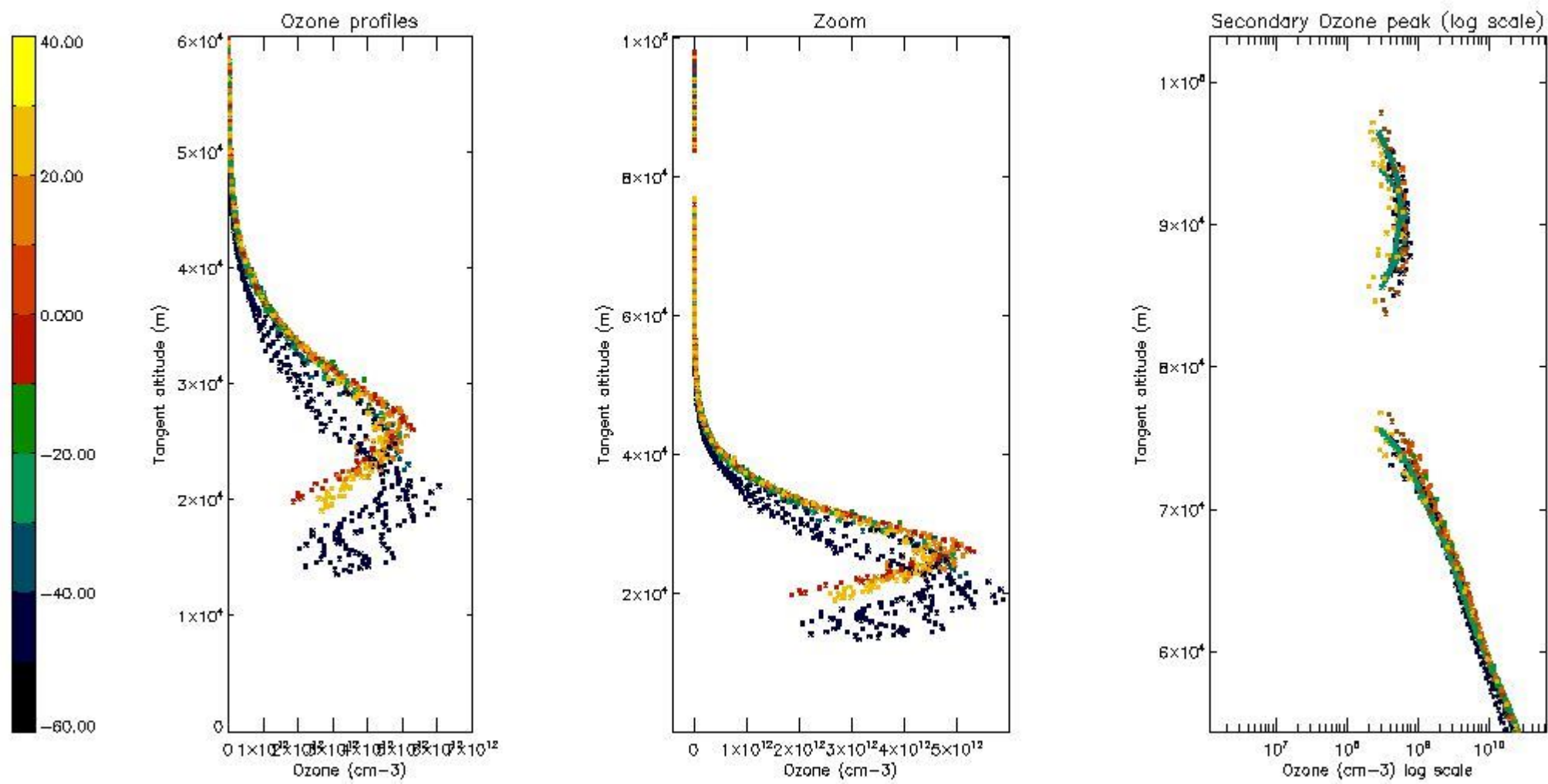
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



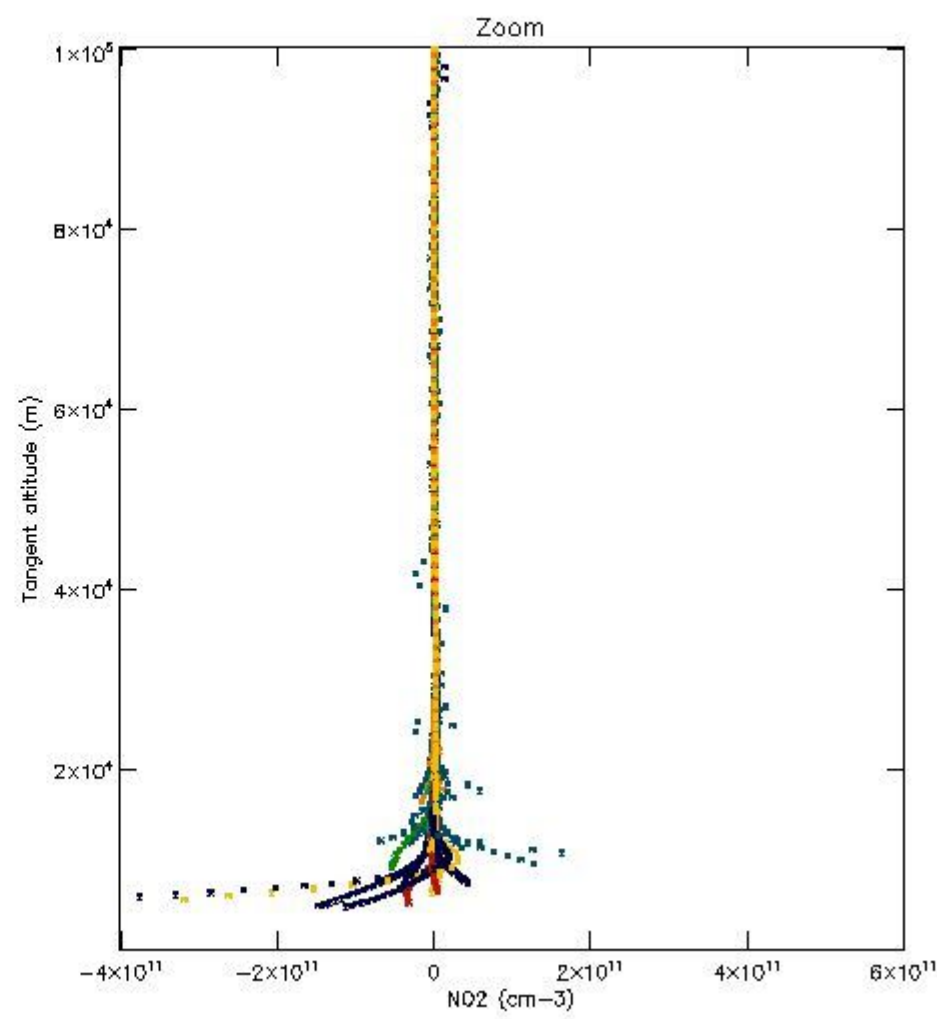
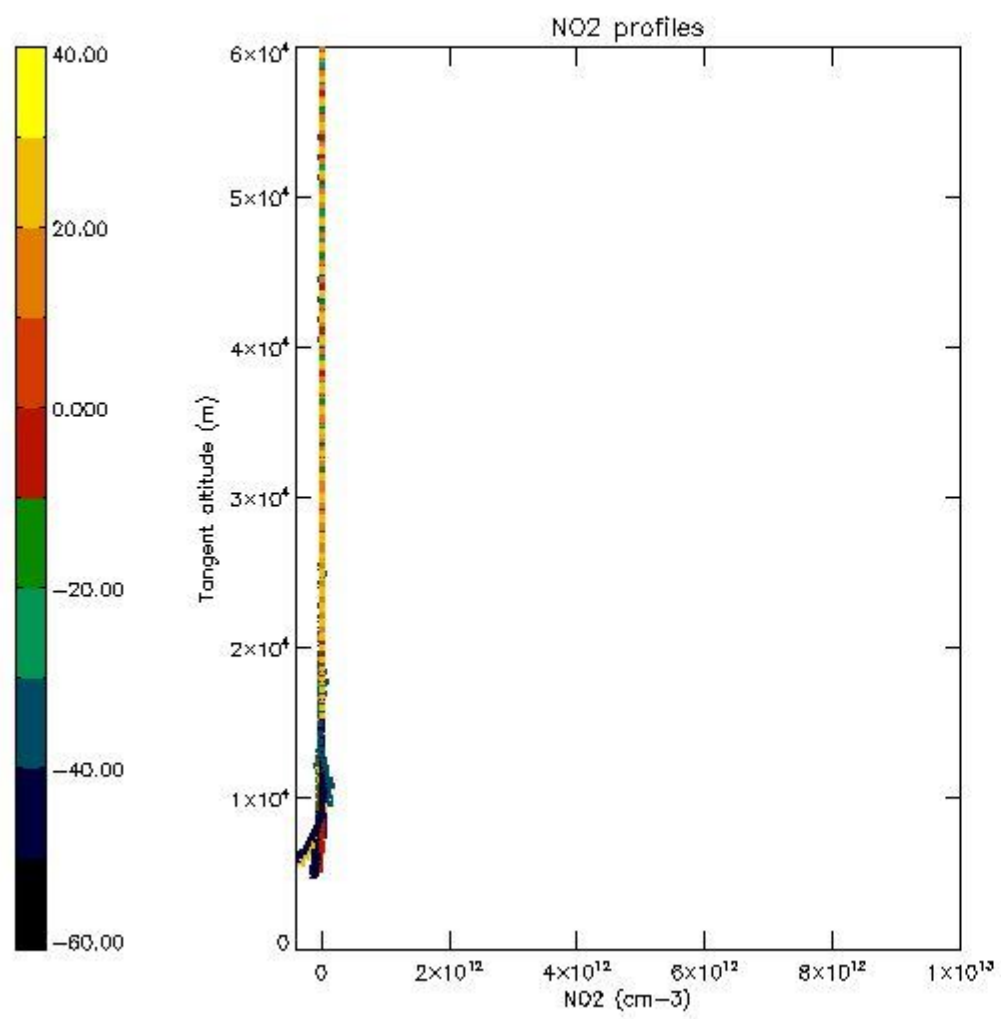
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



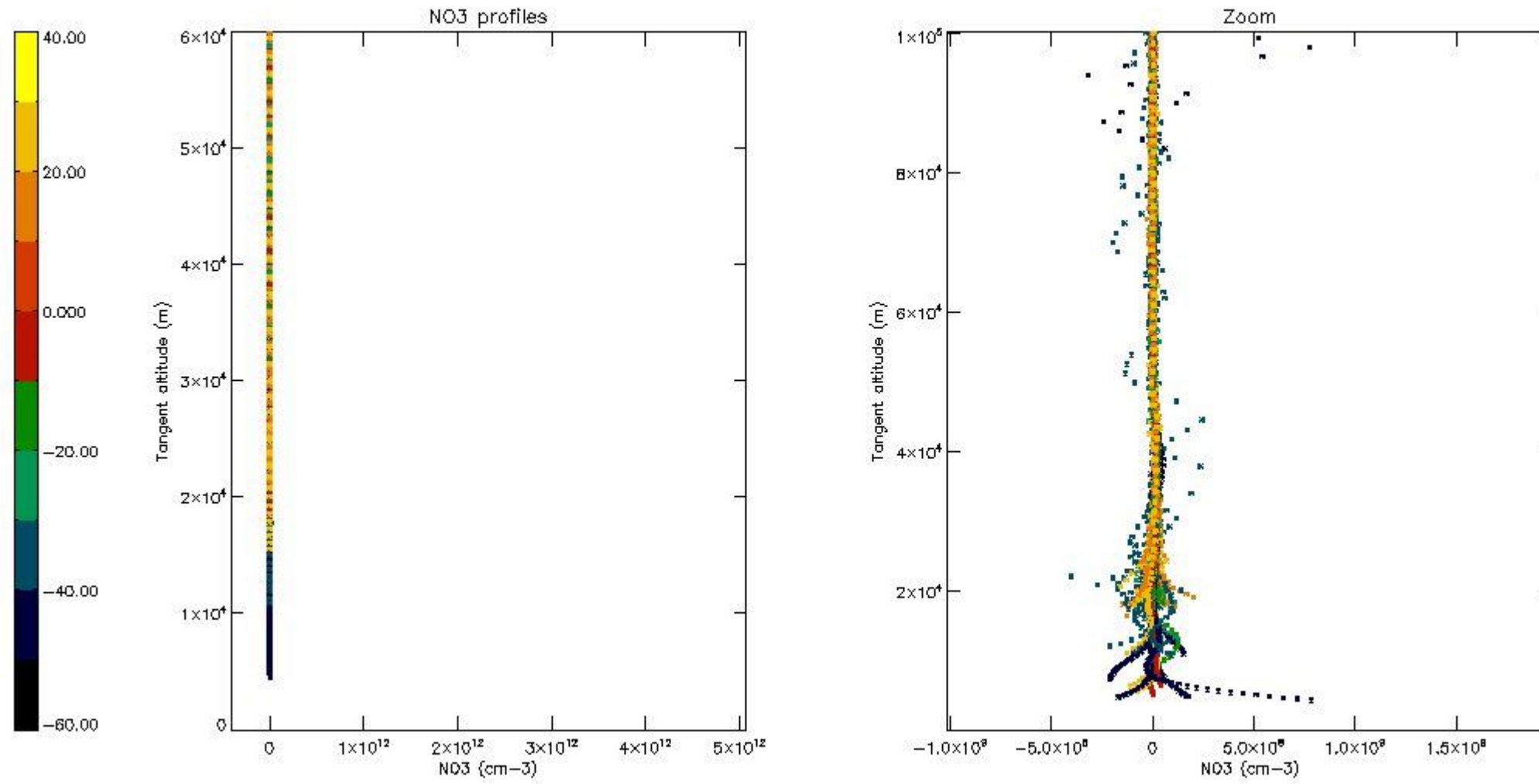
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

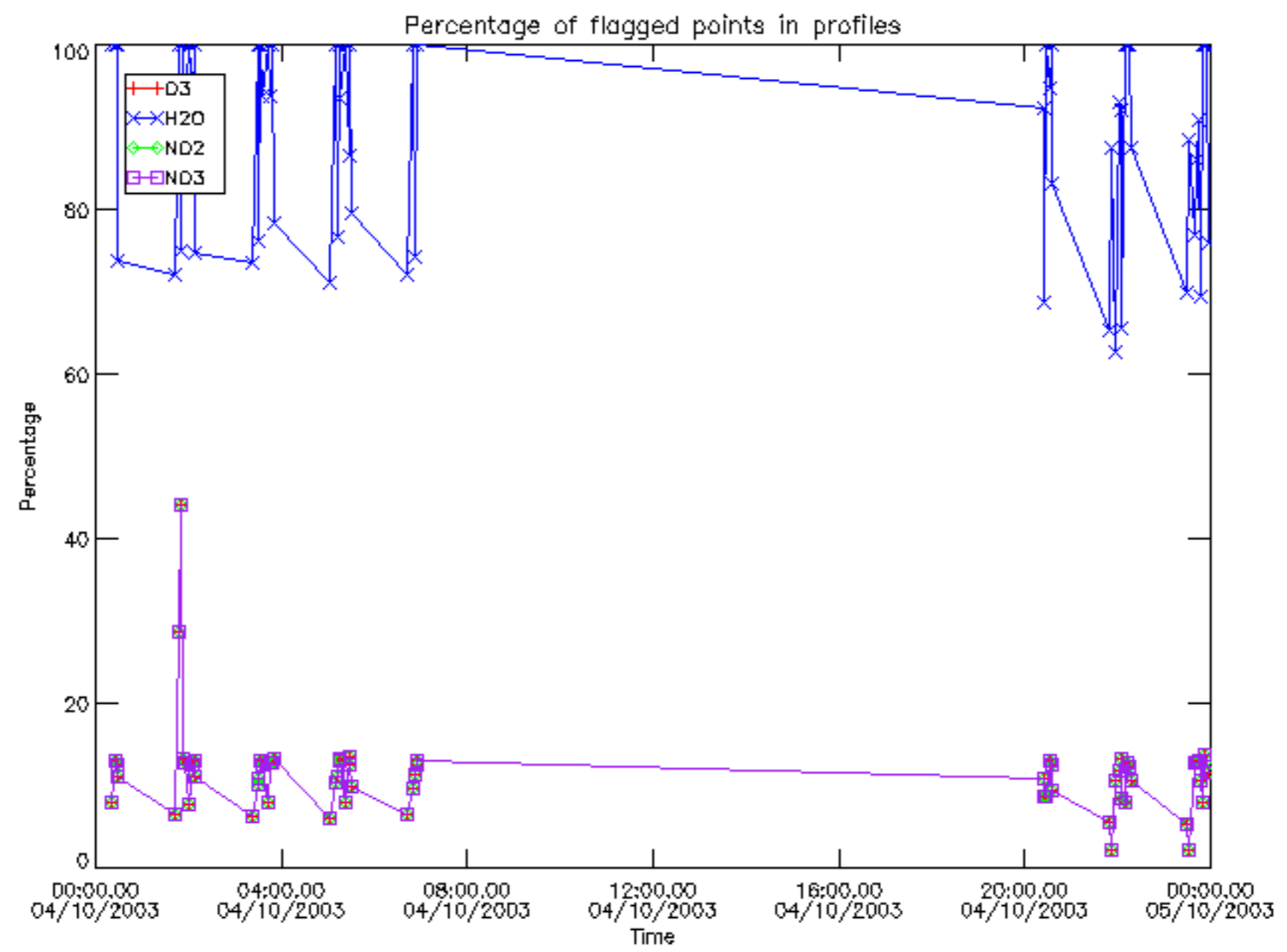
The colorbar represents the latitude.



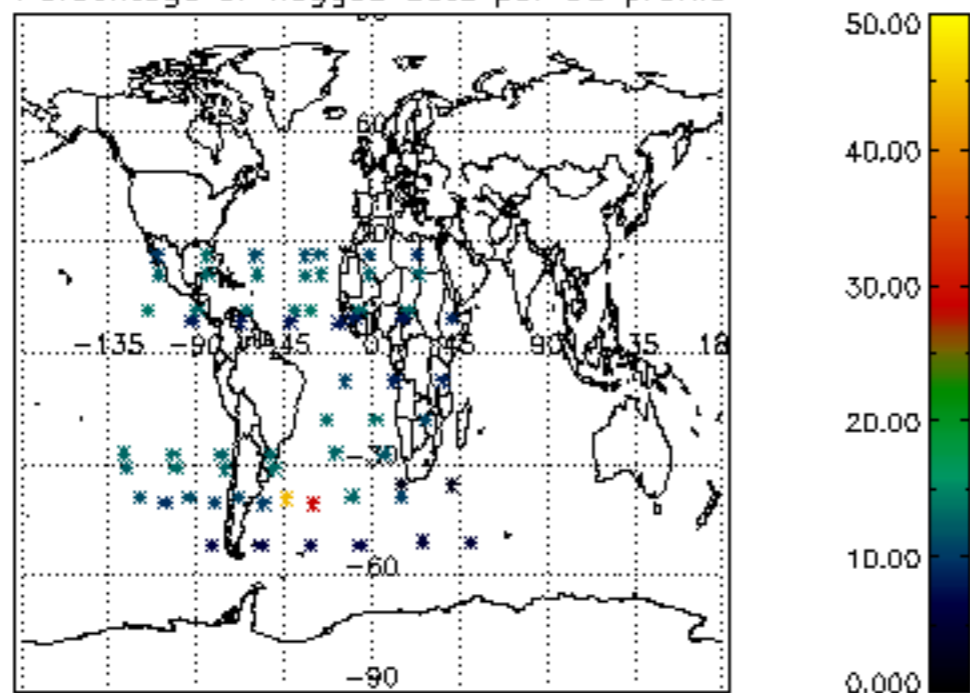
6. Auxiliary Data Files used for the production reported in section 2

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.

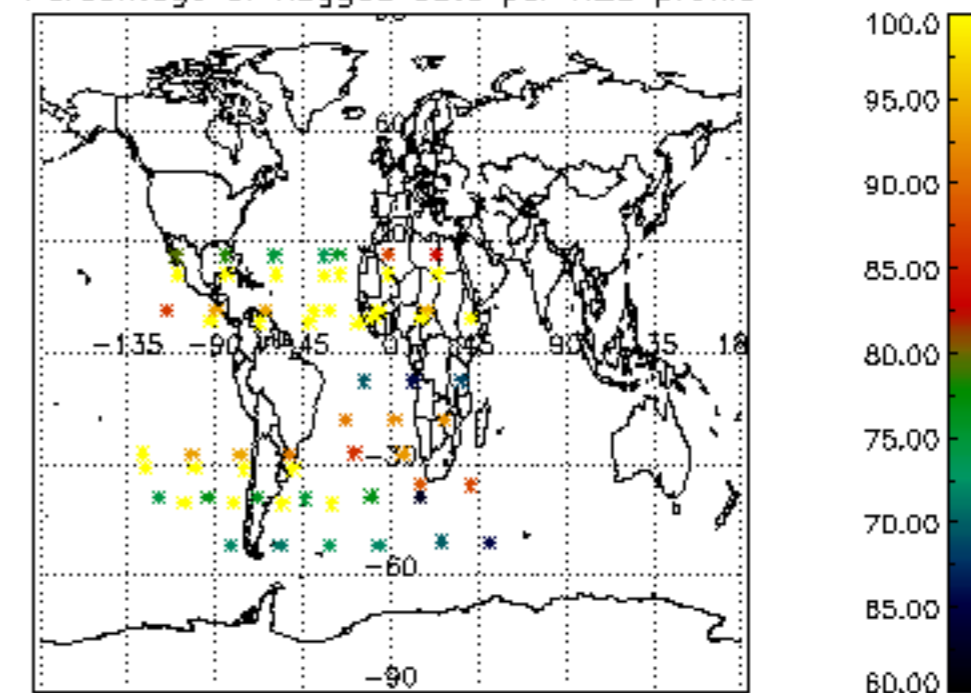
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	04-OCT-2003 00:20:45
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	04-OCT-2003 00:20:45
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	04-OCT-2003 00:20:45



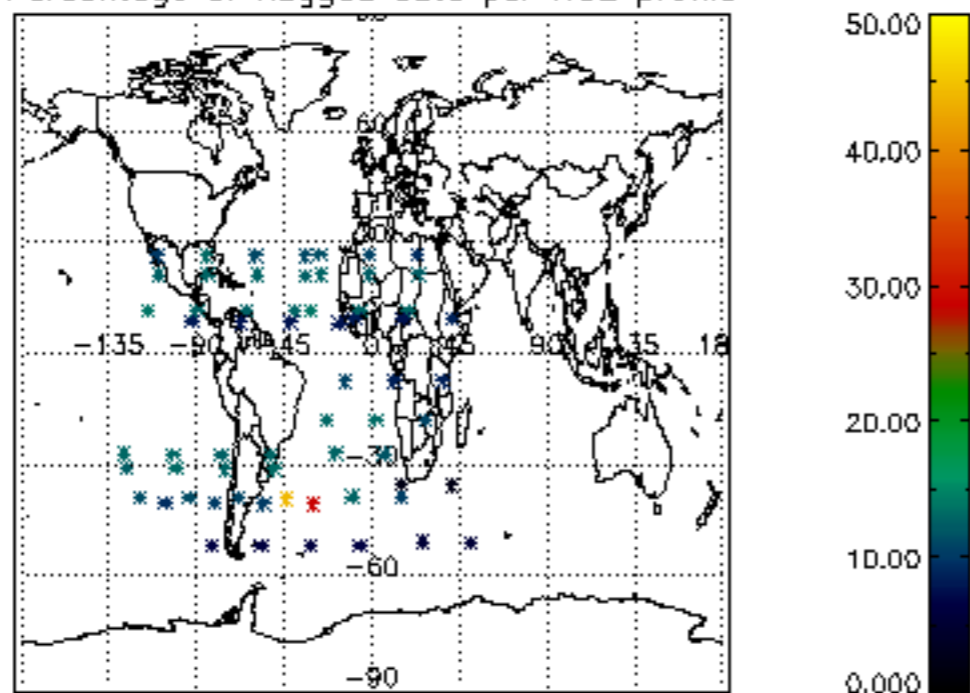
Percentage of flagged data per D3 profile



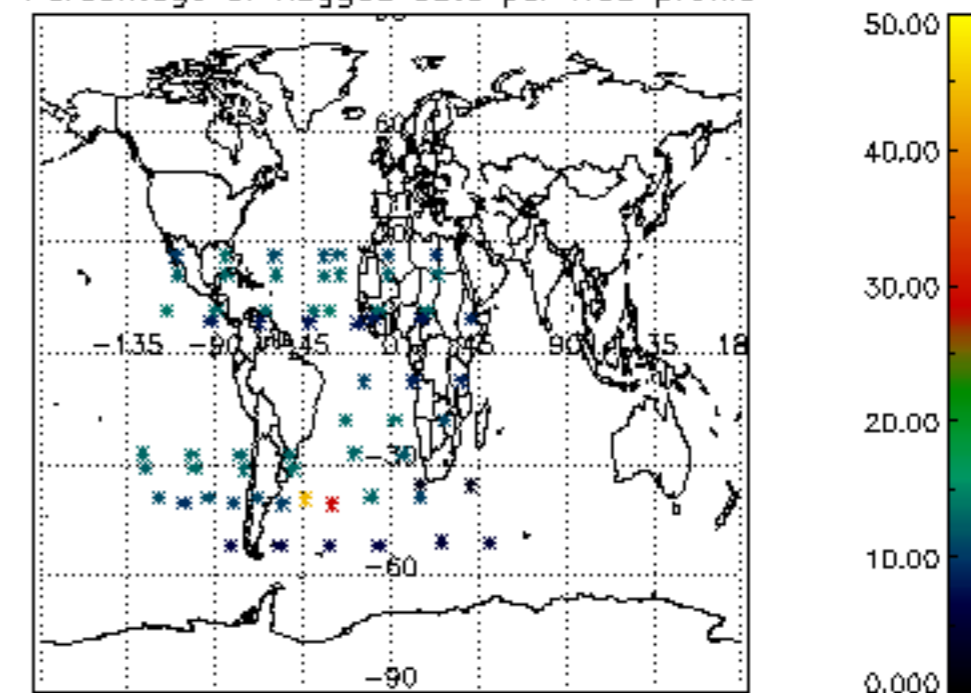
Percentage of flagged data per H2O profile

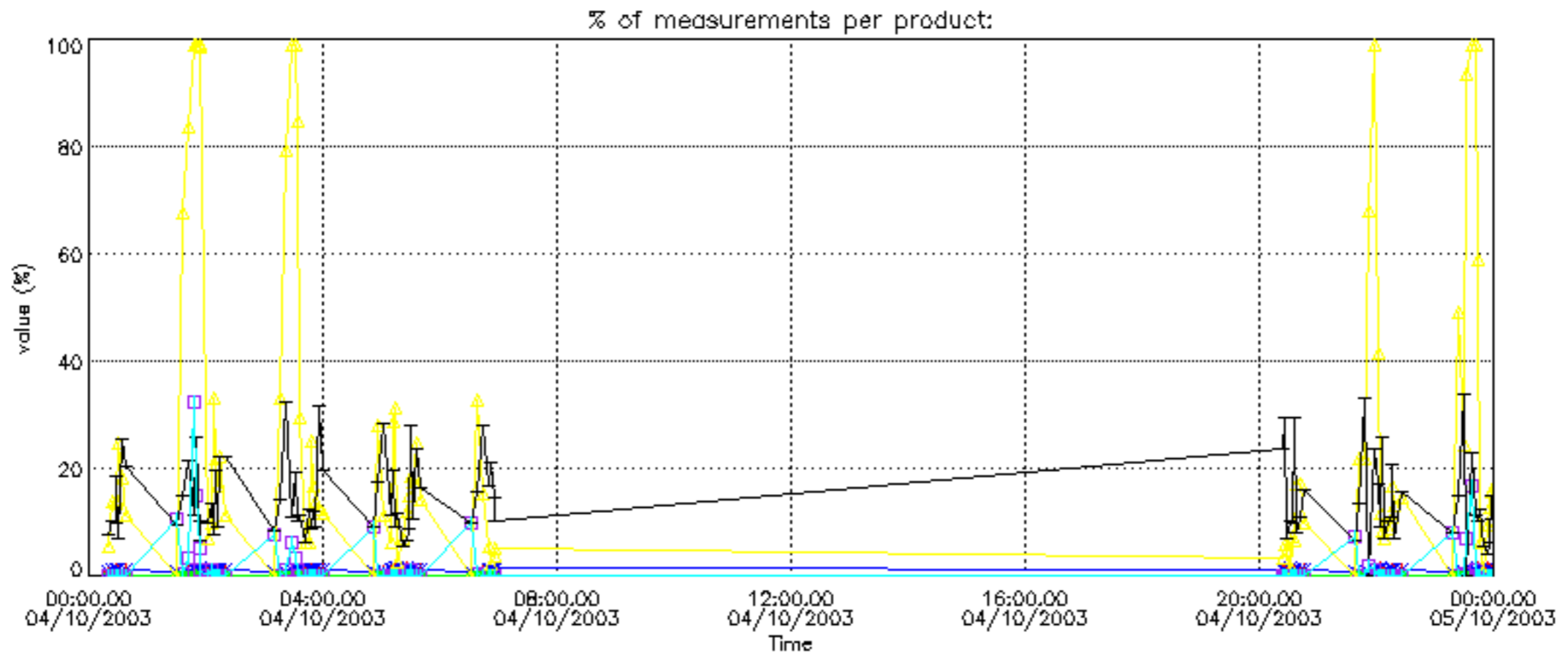


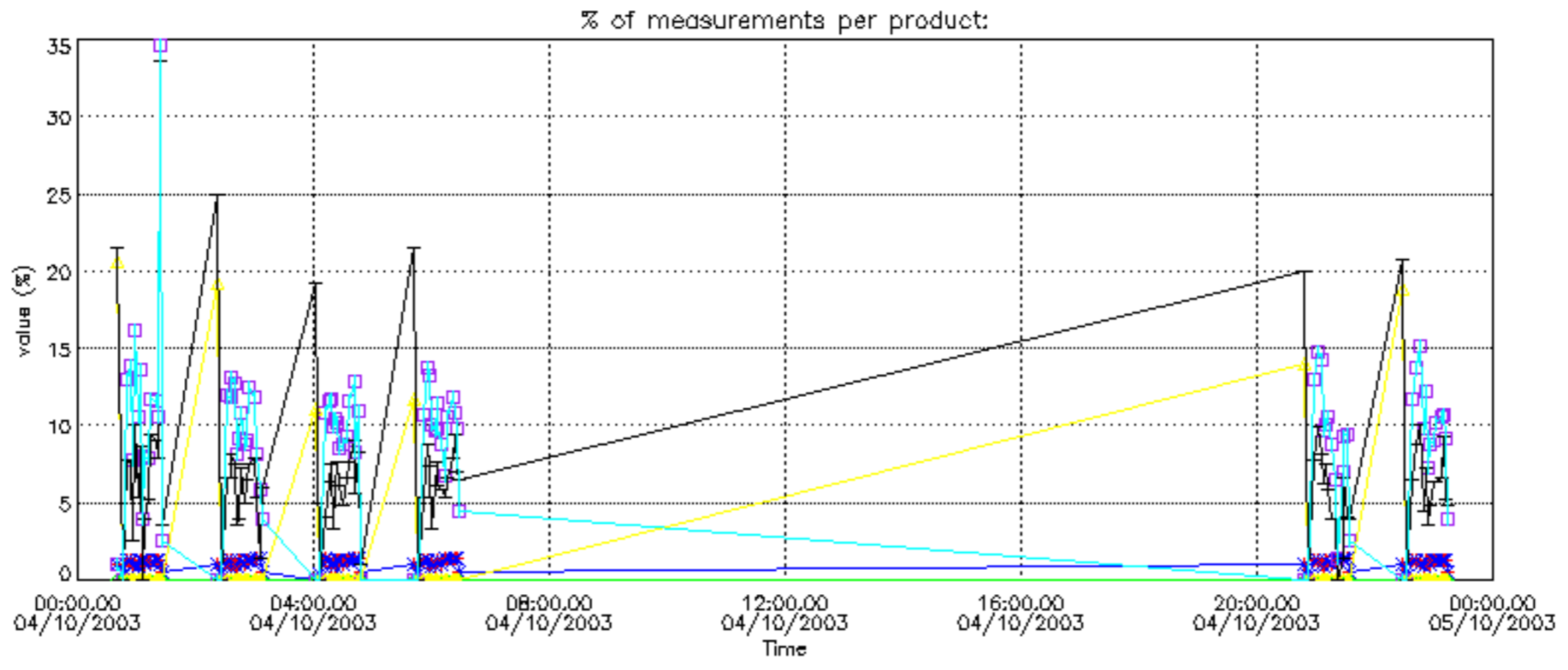
Percentage of flagged data per NO2 profile



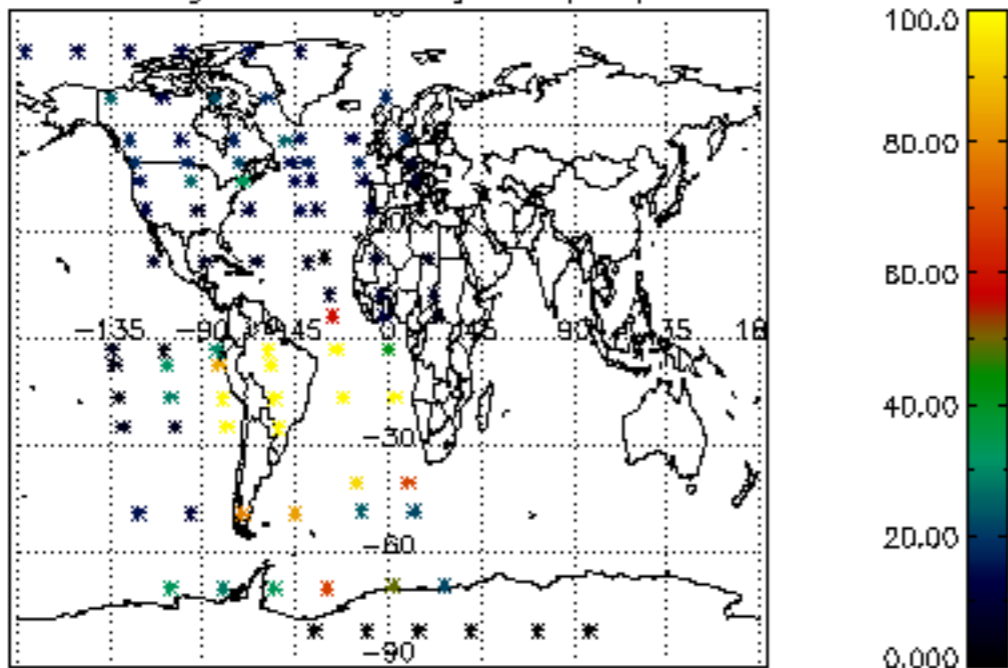
Percentage of flagged data per NO3 profile



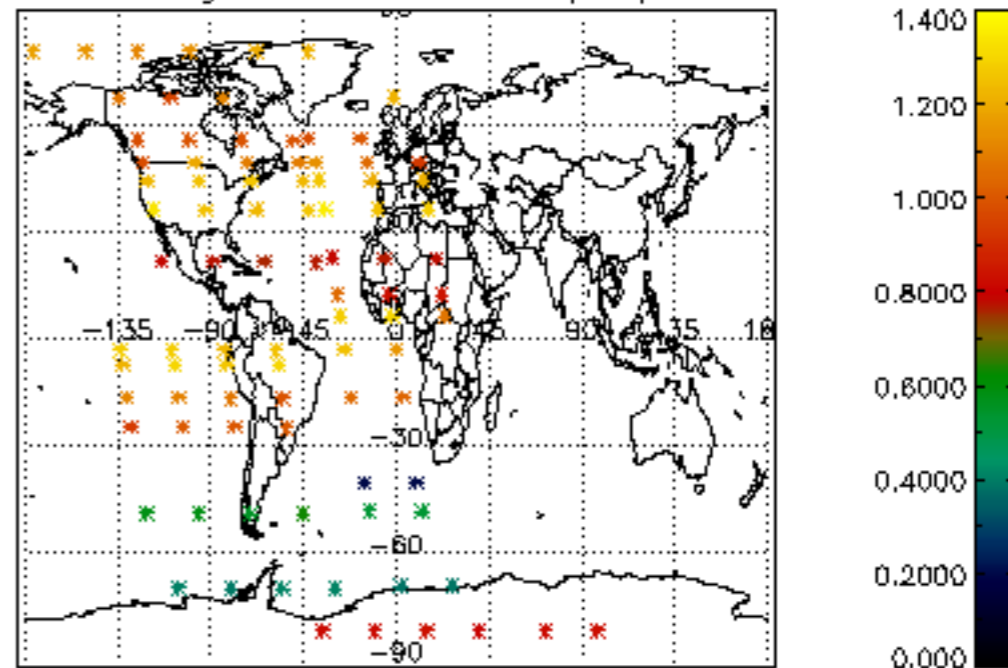




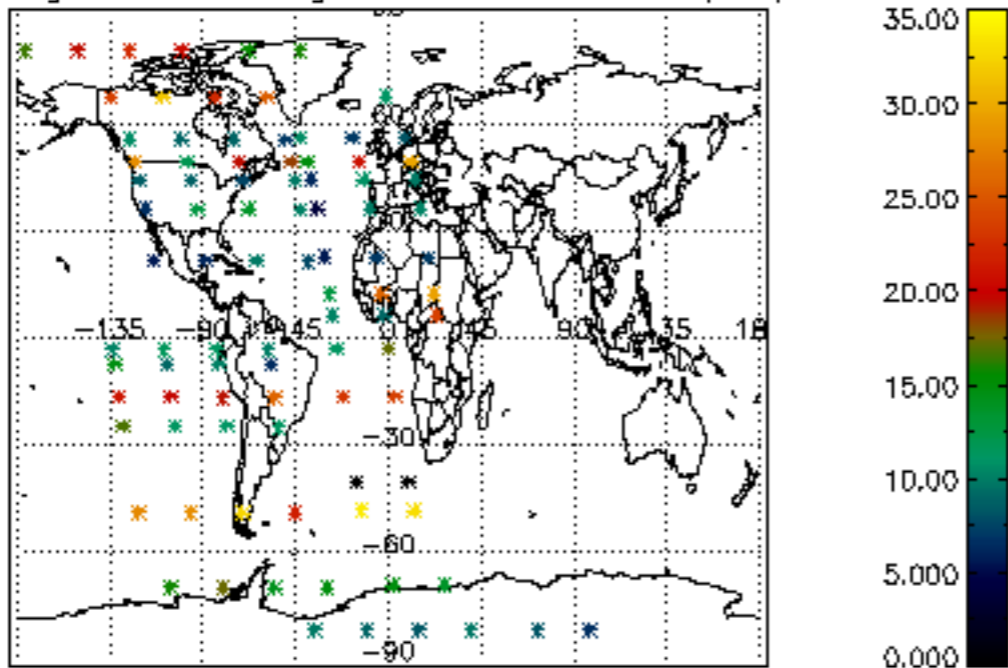
Percentage of cosmic ray hits per profile



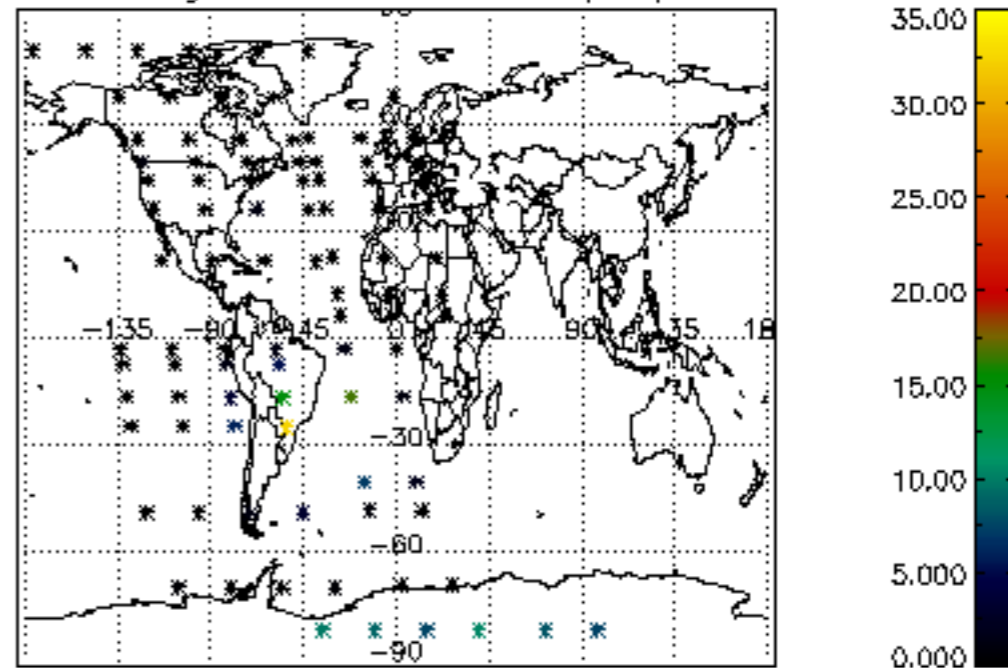
Percentage of datation errors per profile



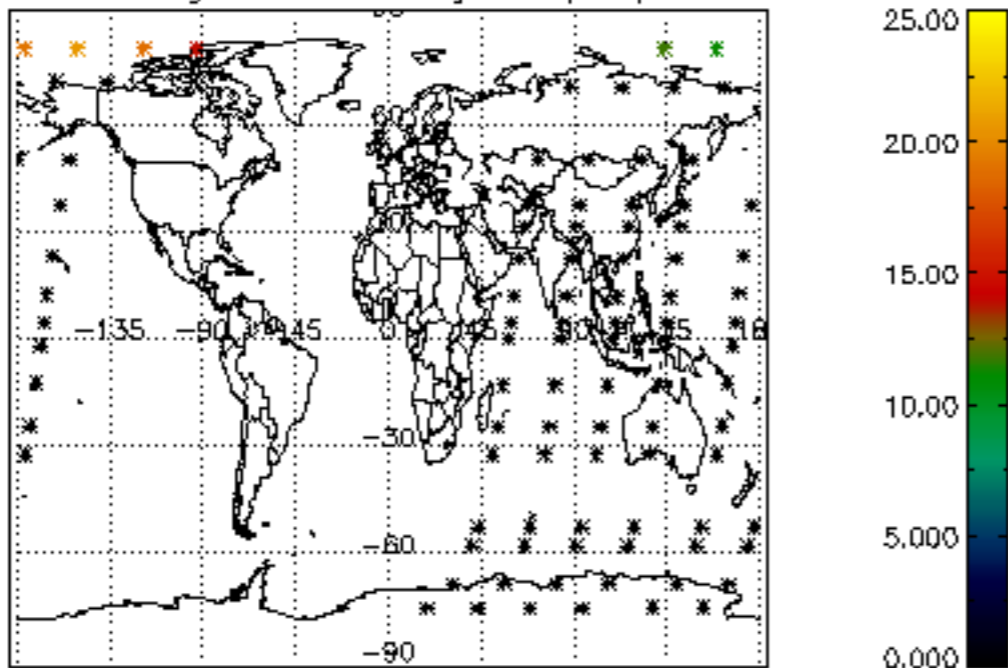
Percentage of star falling outside central band per profile



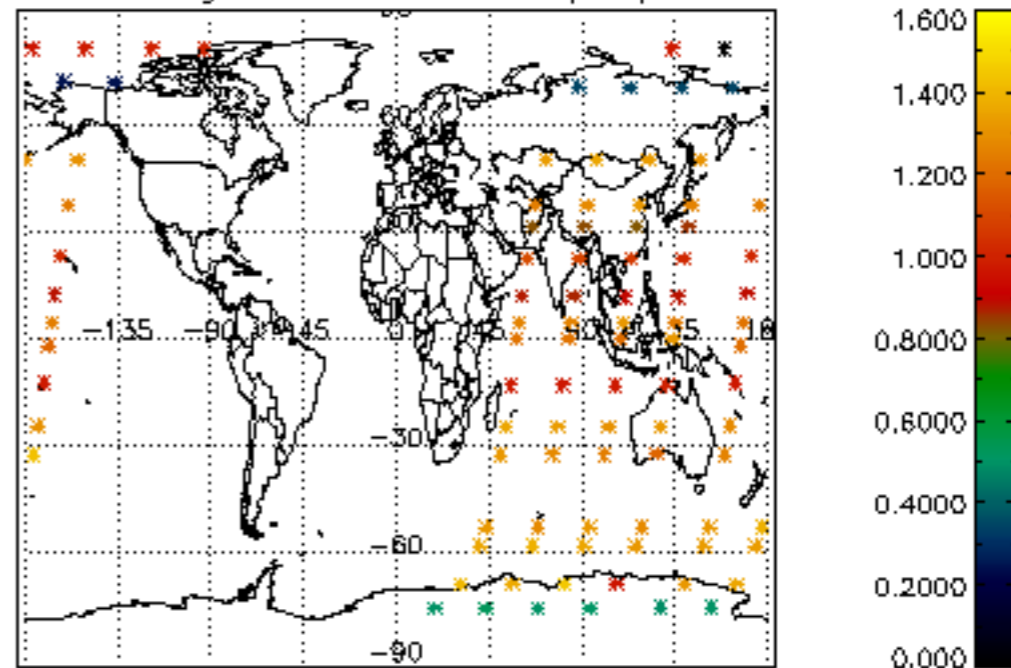
Percentage of saturation errors per profile



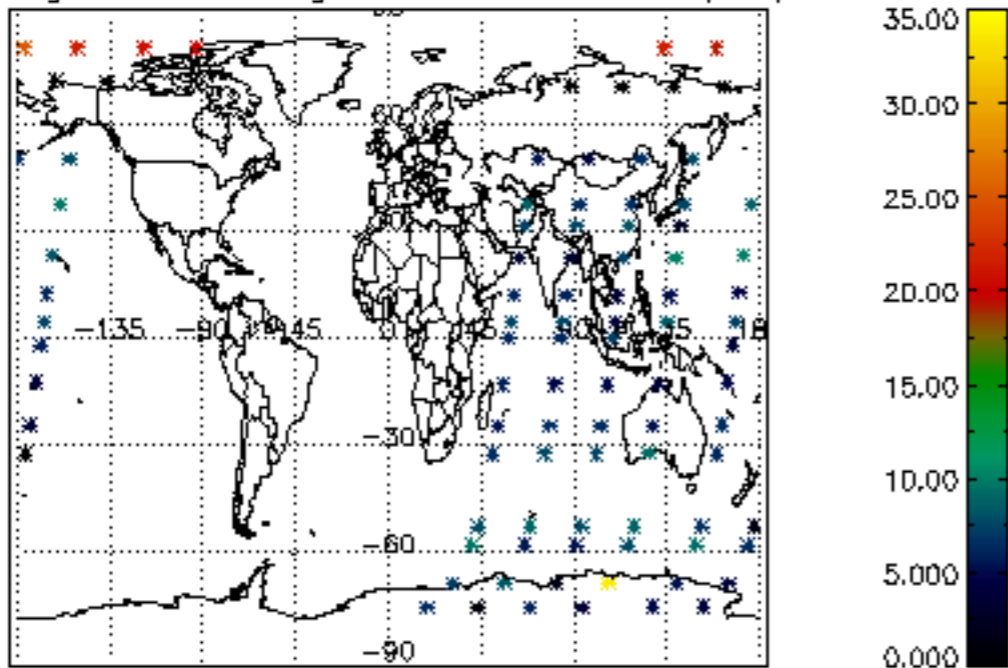
Percentage of cosmic ray hits per profile



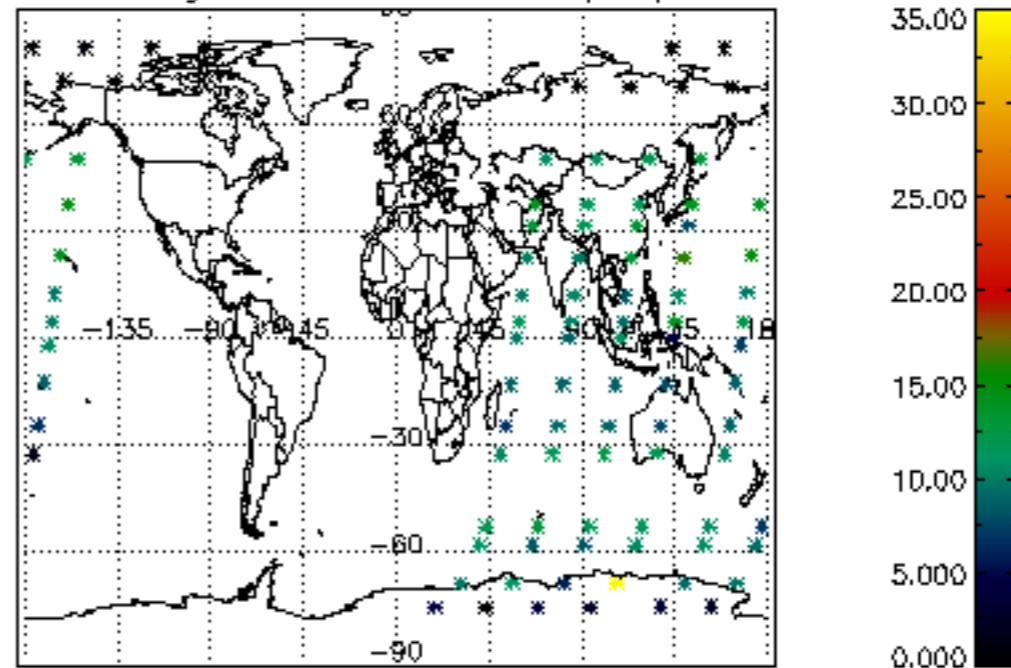
Percentage of datation errors per profile

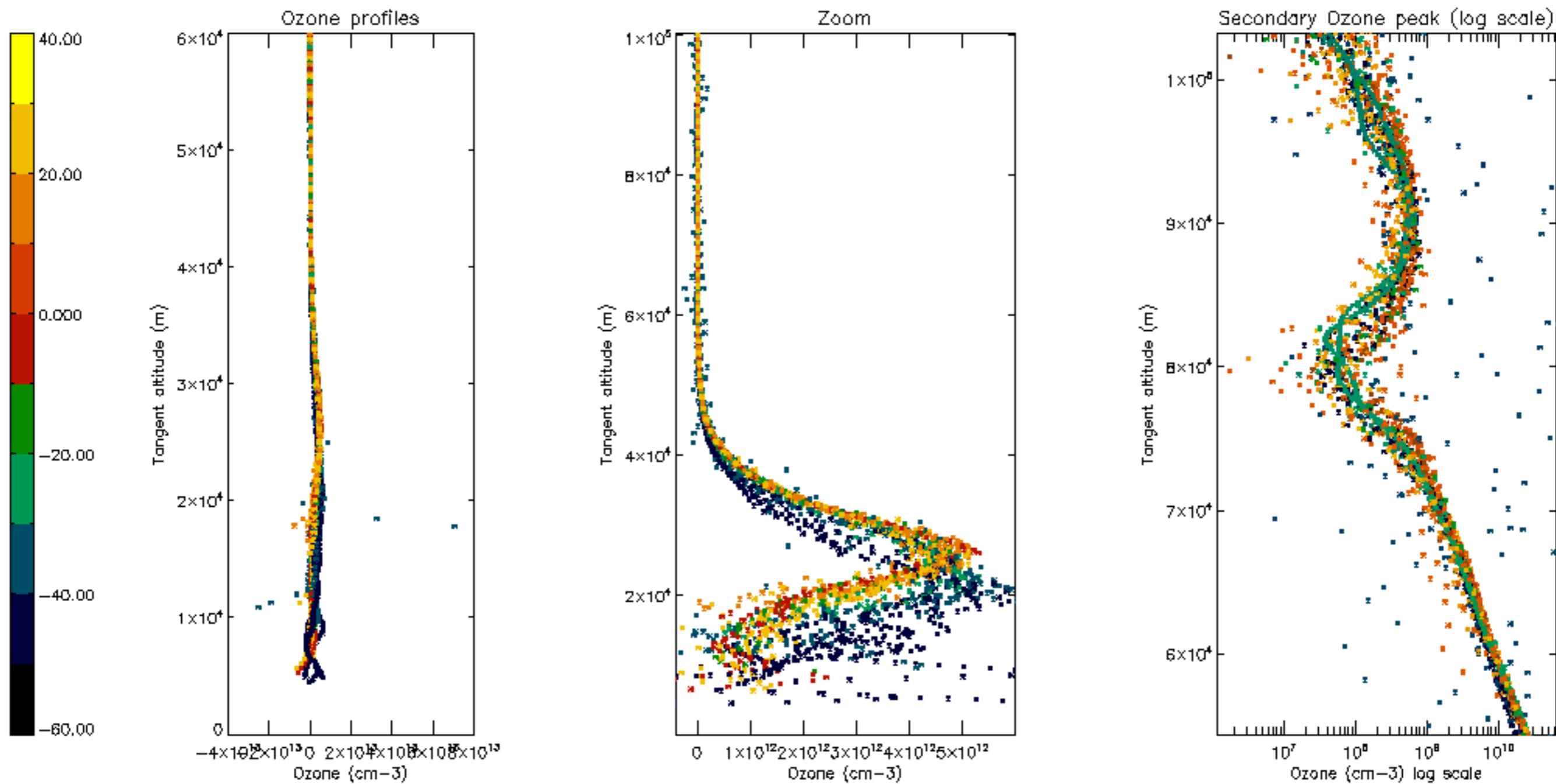


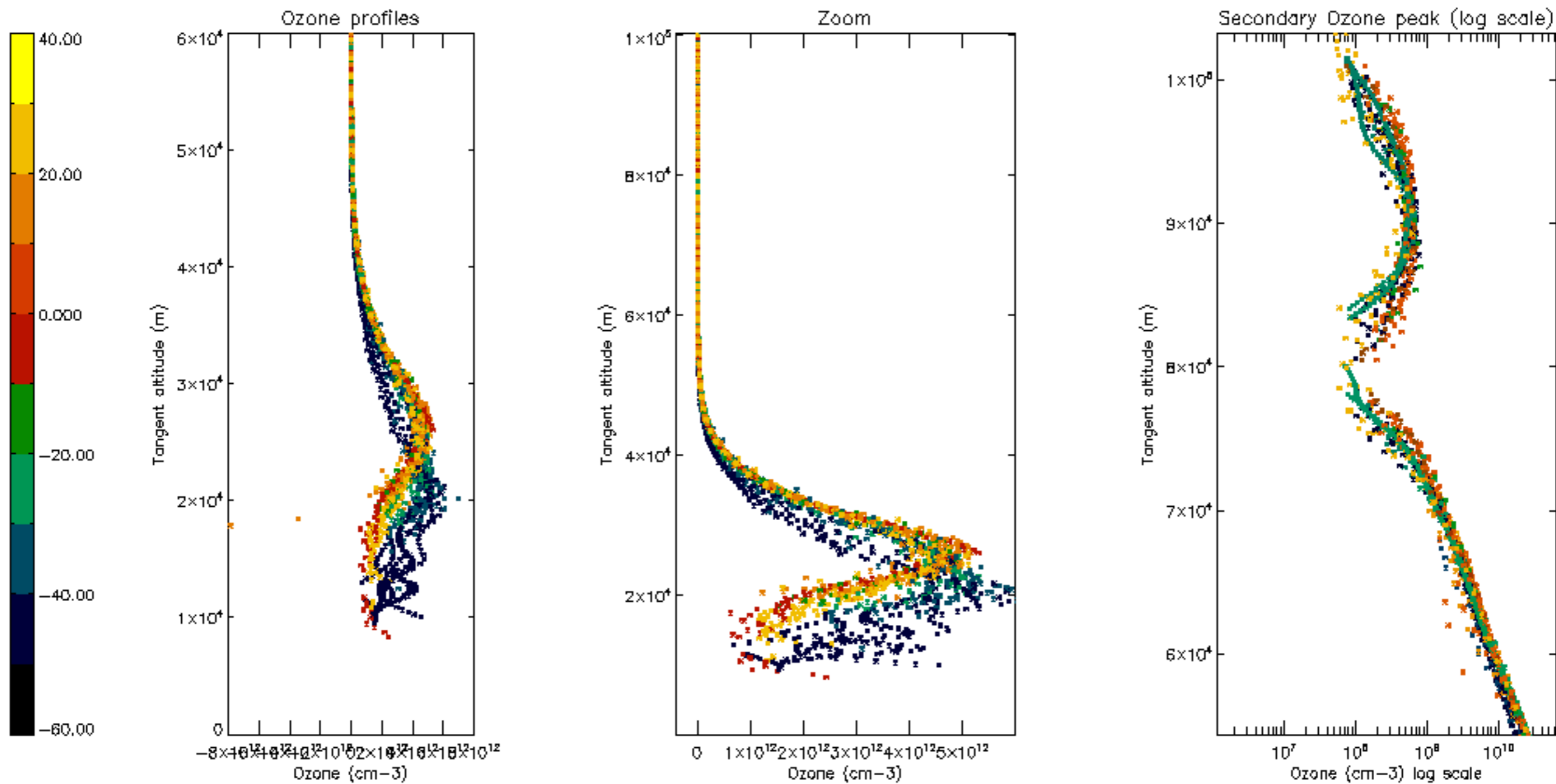
Percentage of star falling outside central band per profile

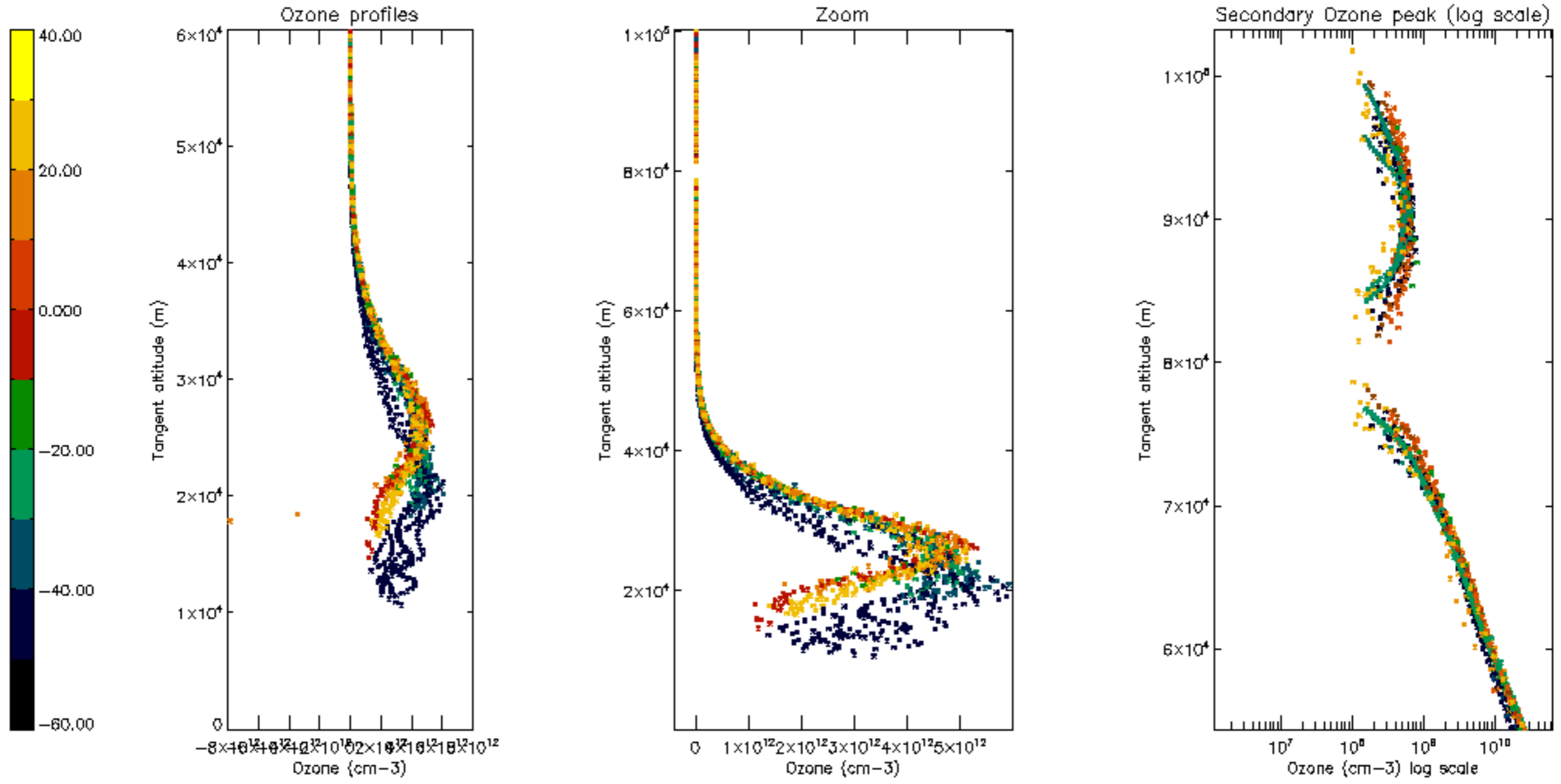


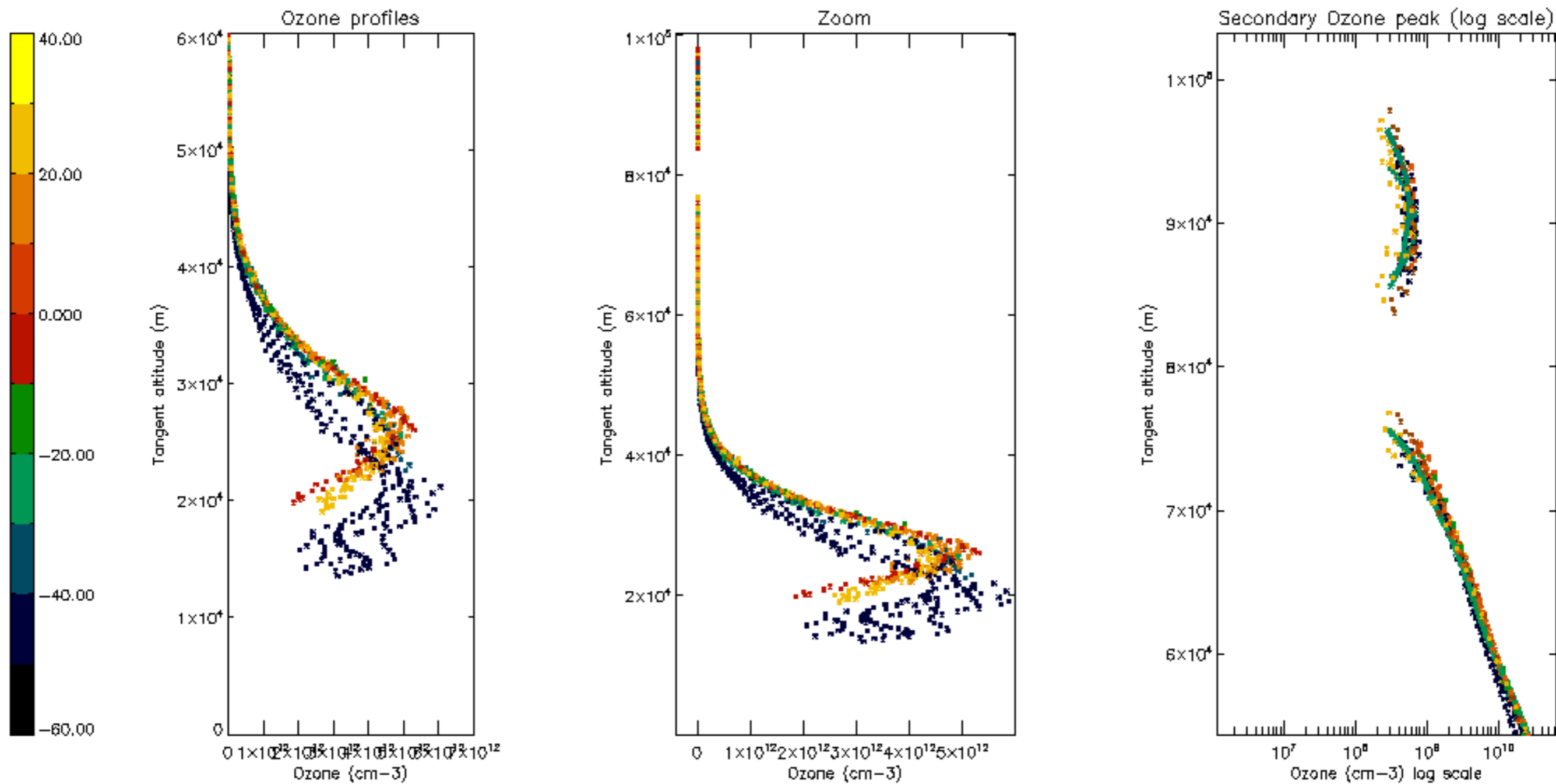
Percentage of saturation errors per profile

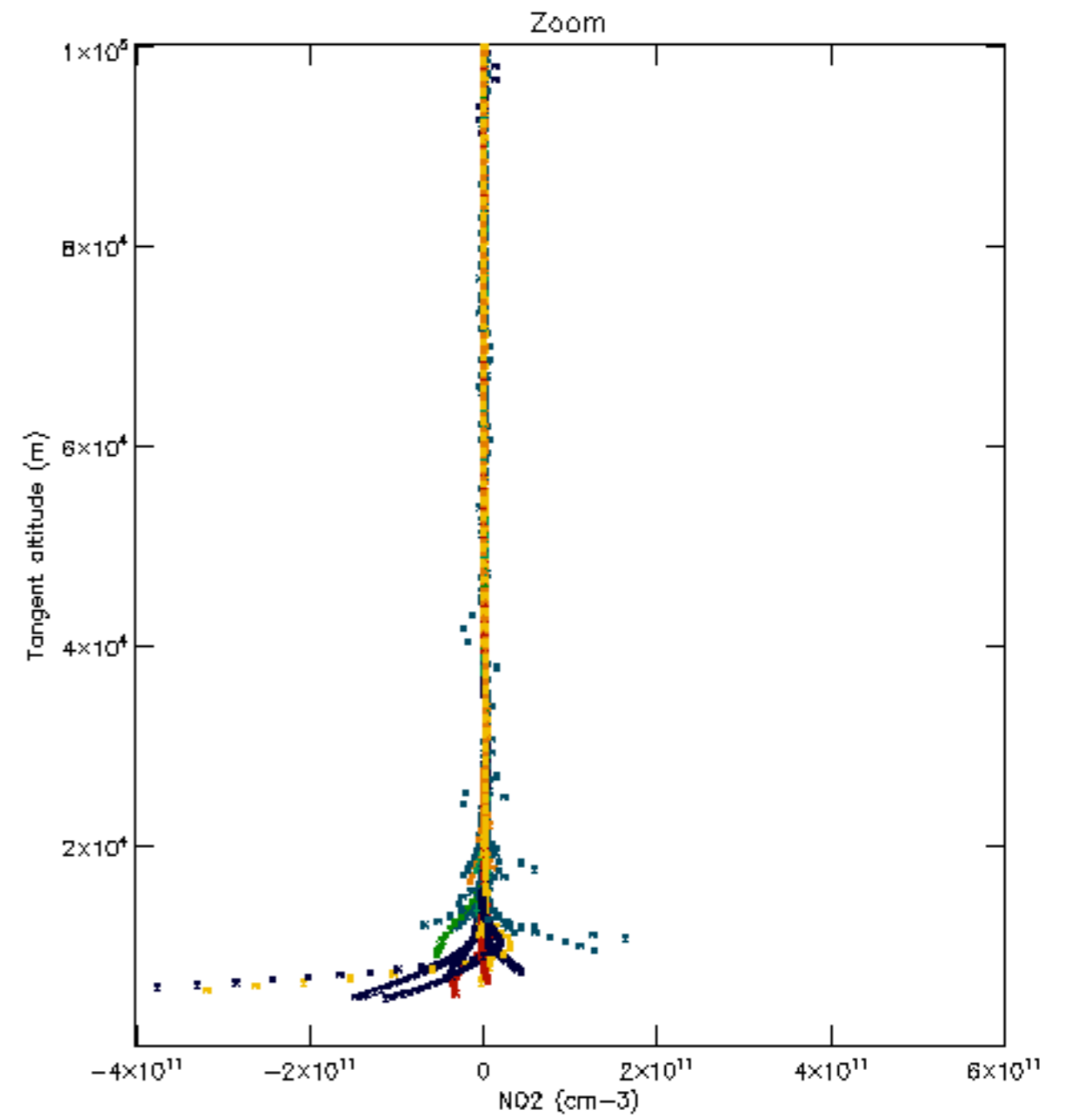
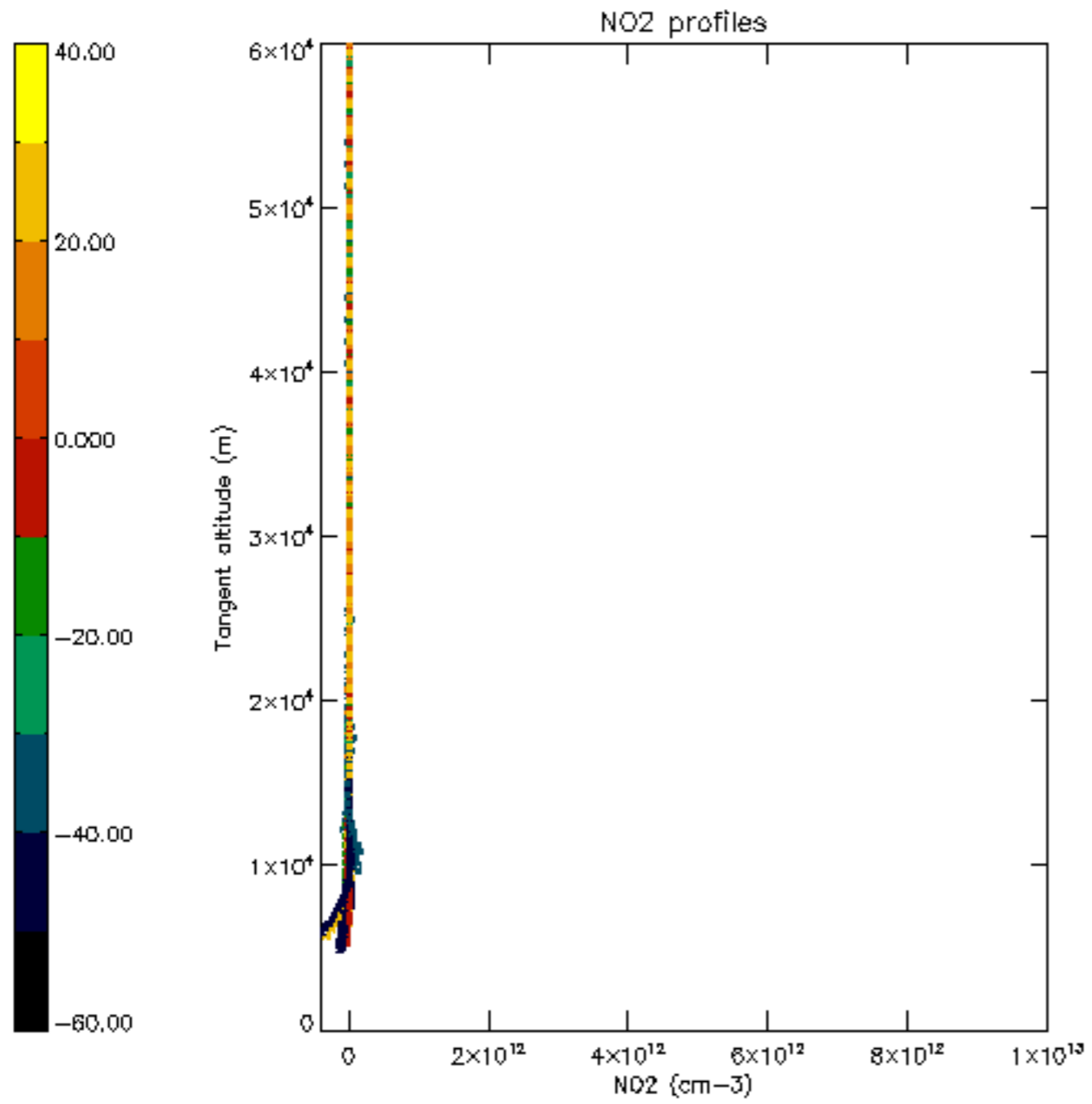


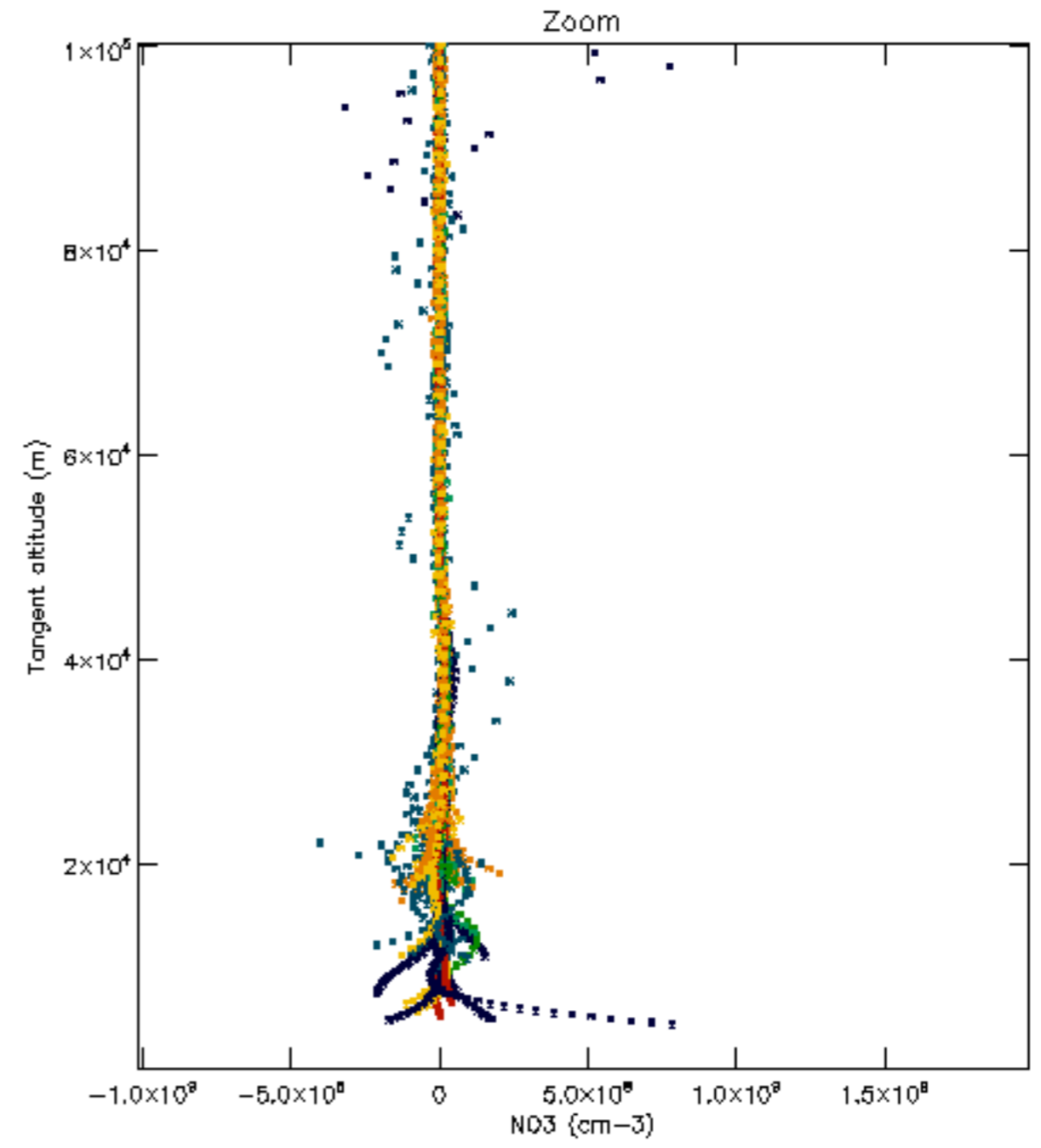
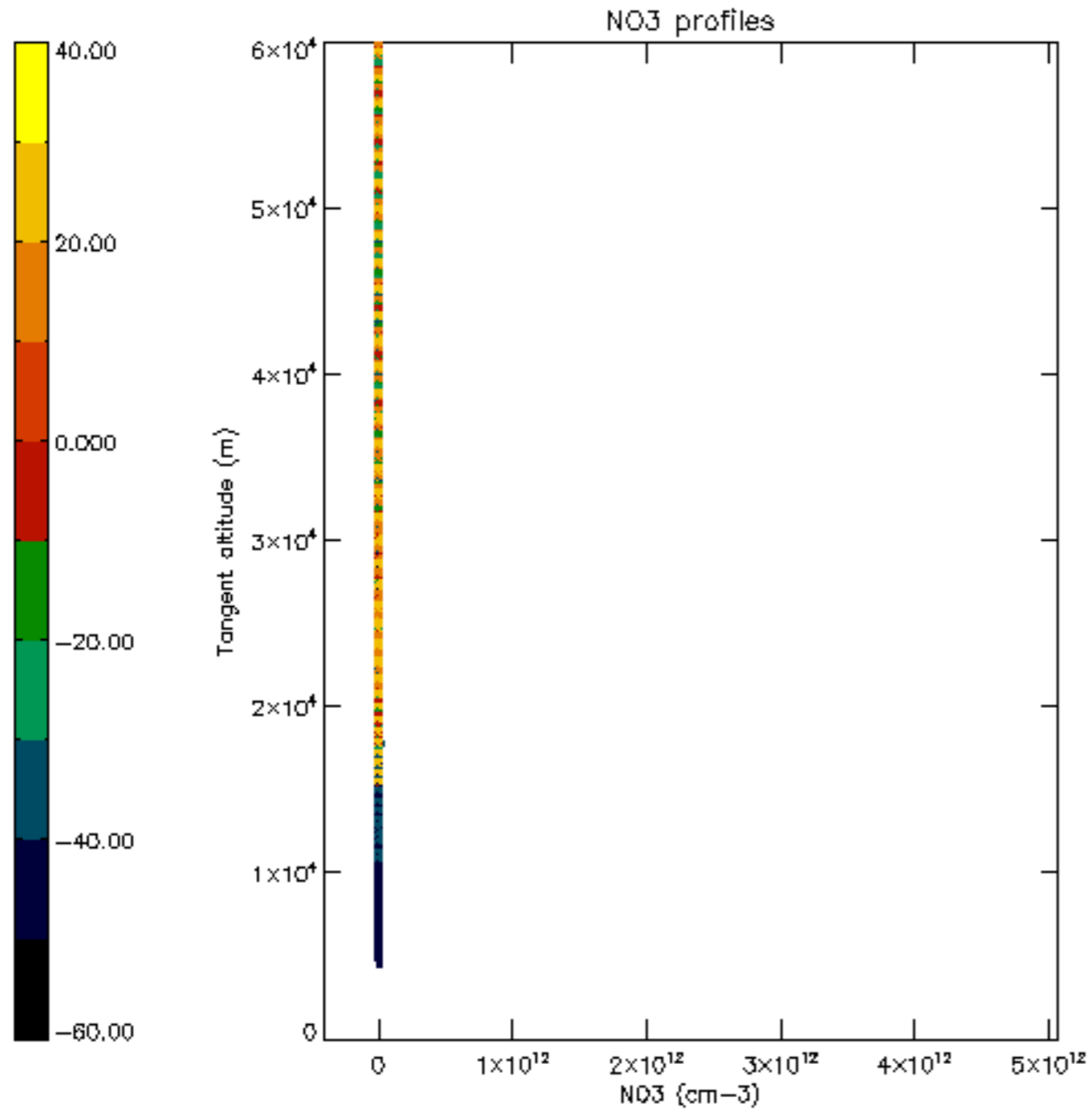


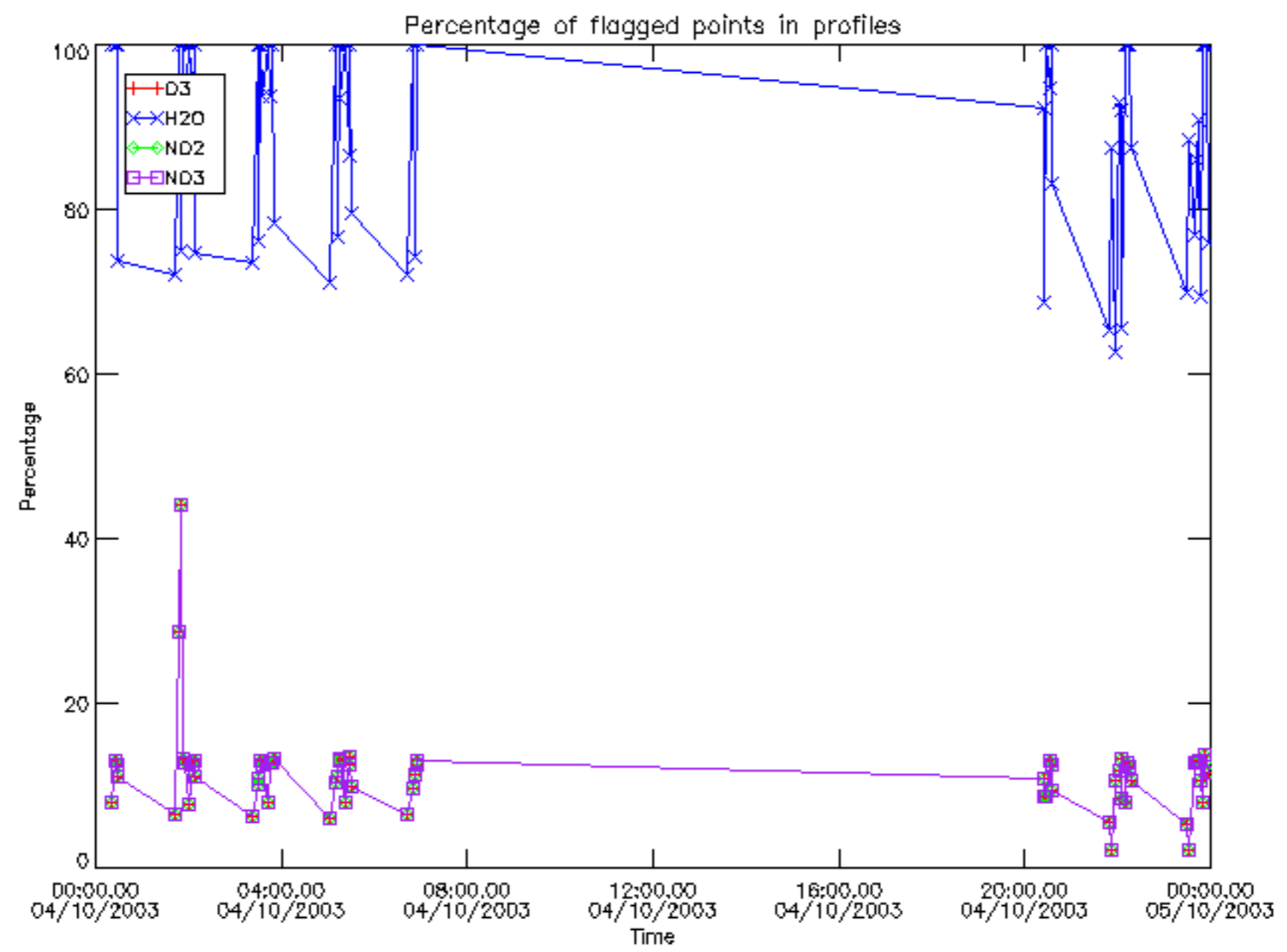




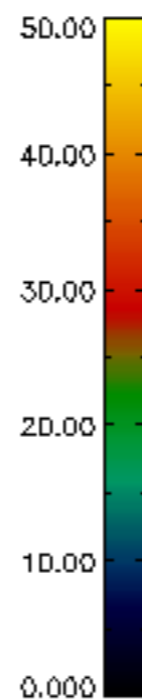
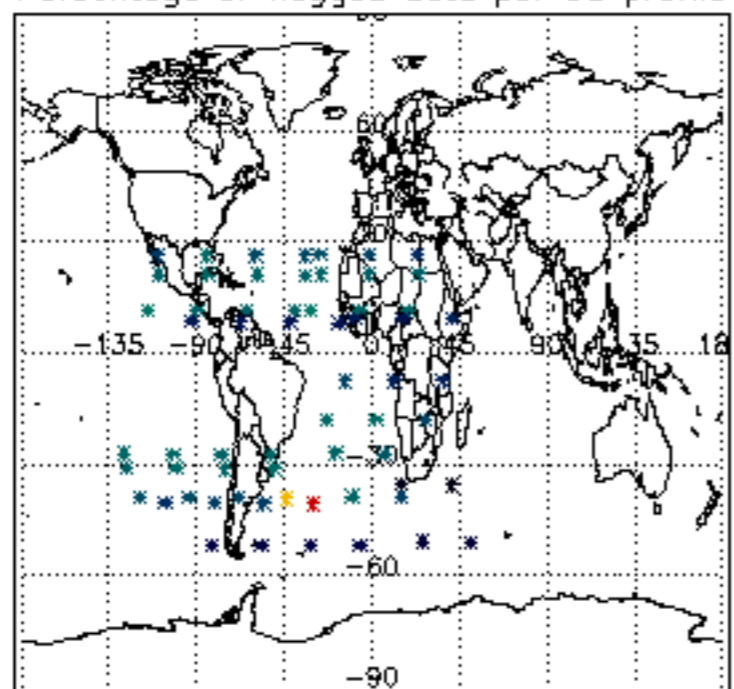




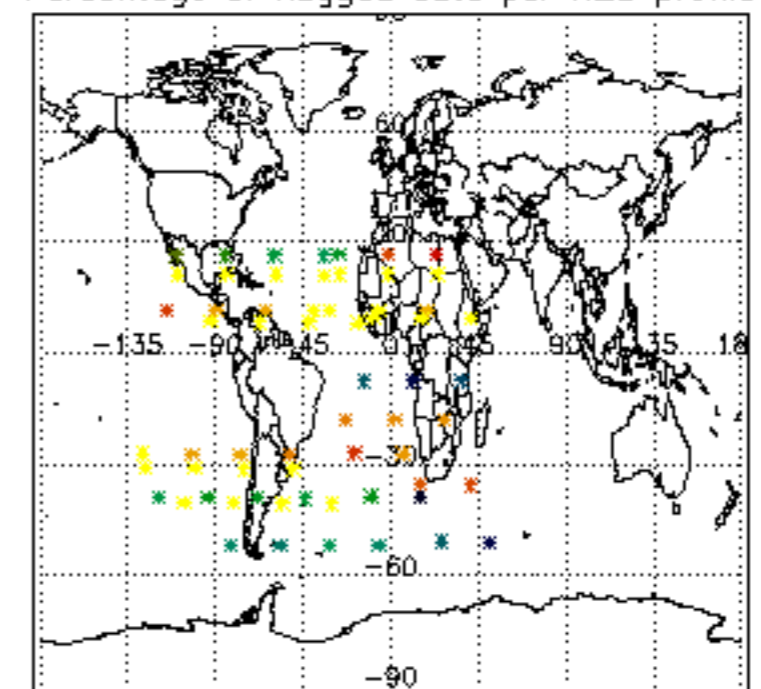




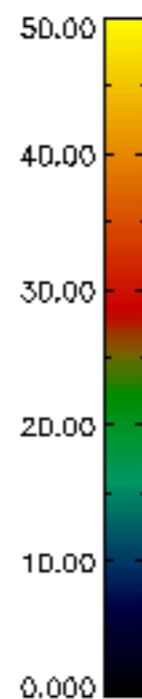
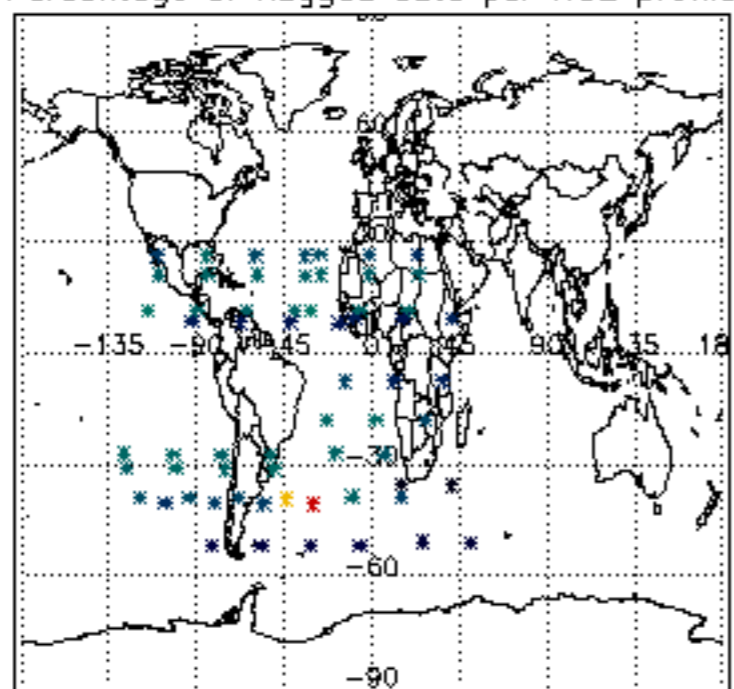
Percentage of flagged data per D3 profile



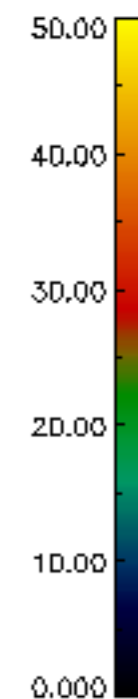
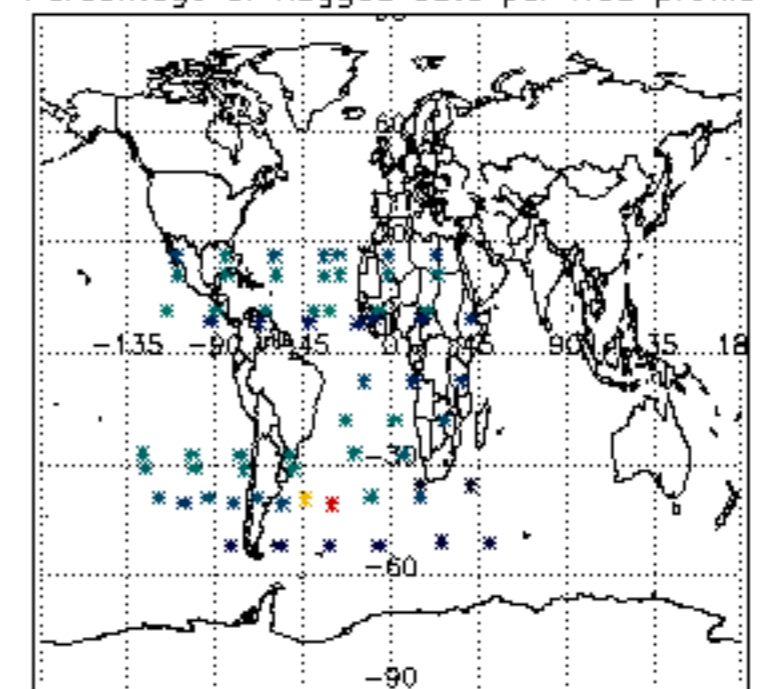
Percentage of flagged data per H2O profile

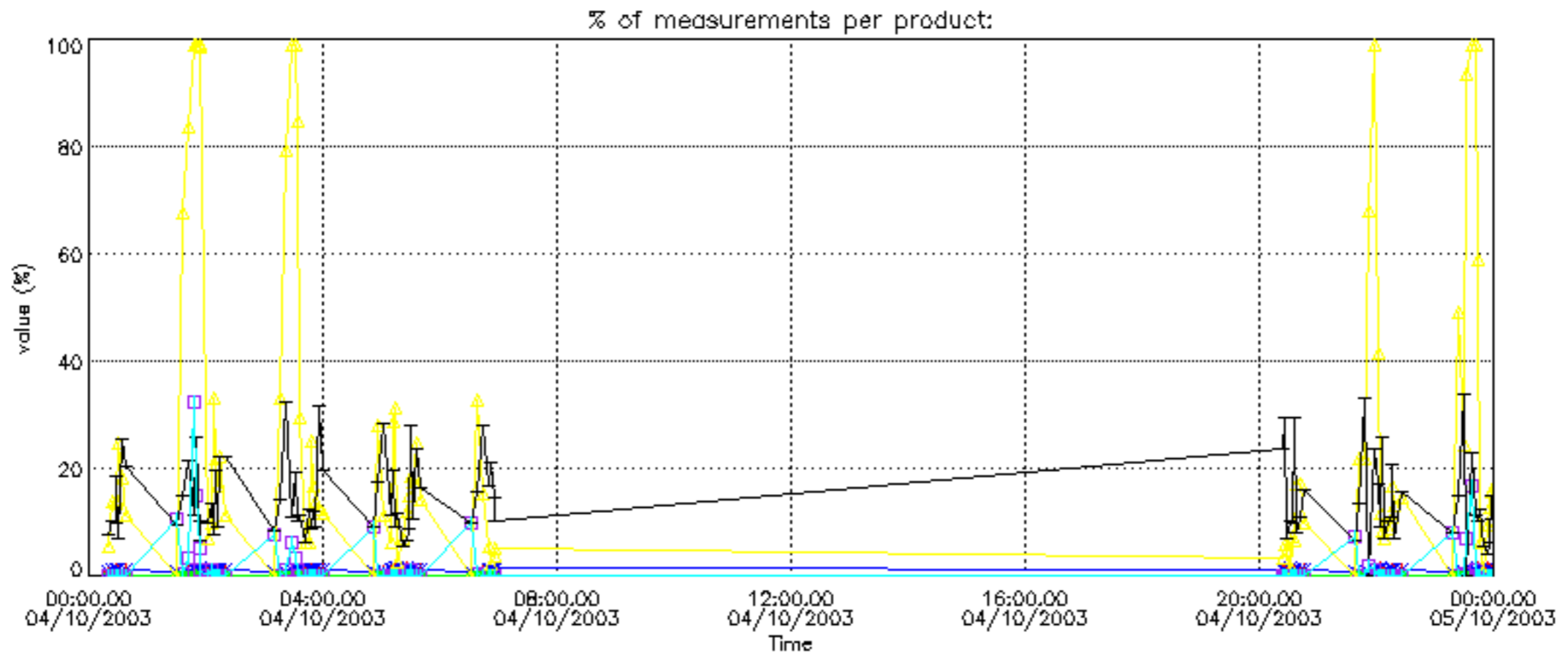


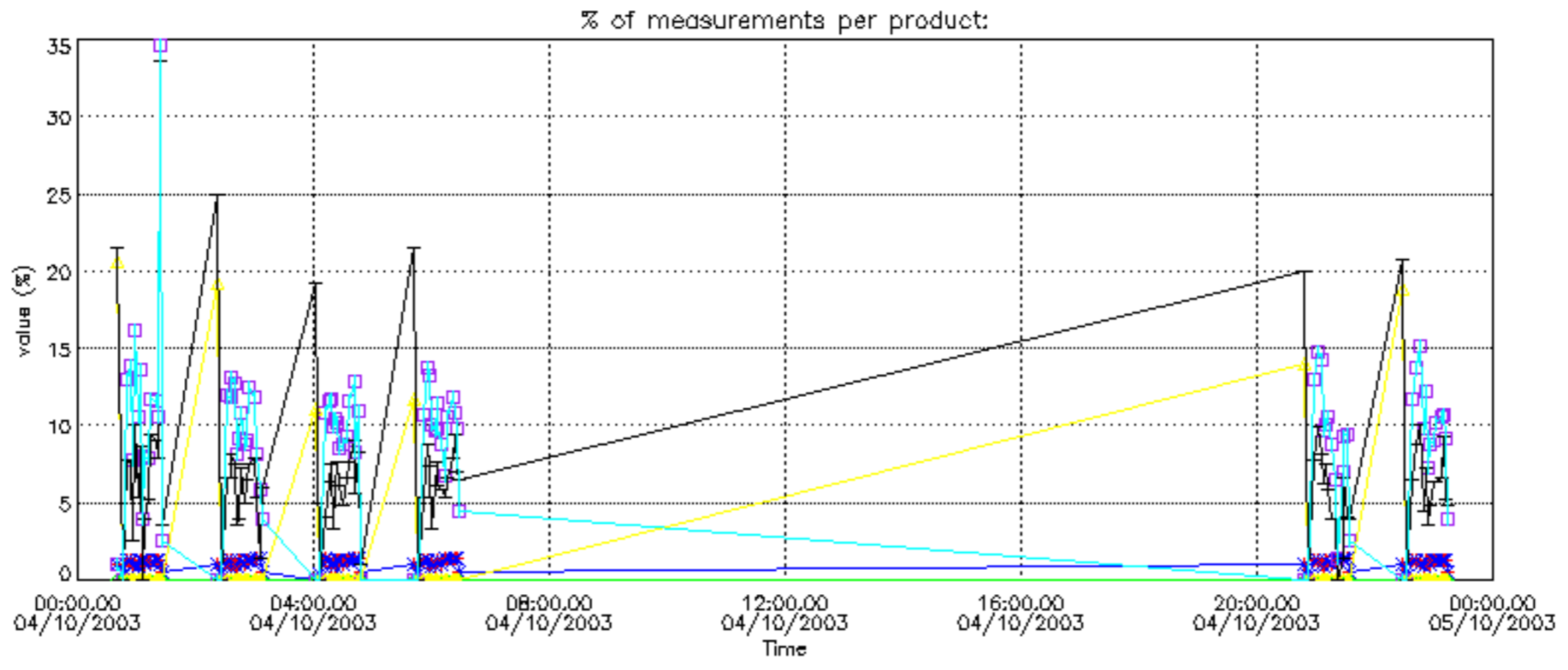
Percentage of flagged data per NO2 profile



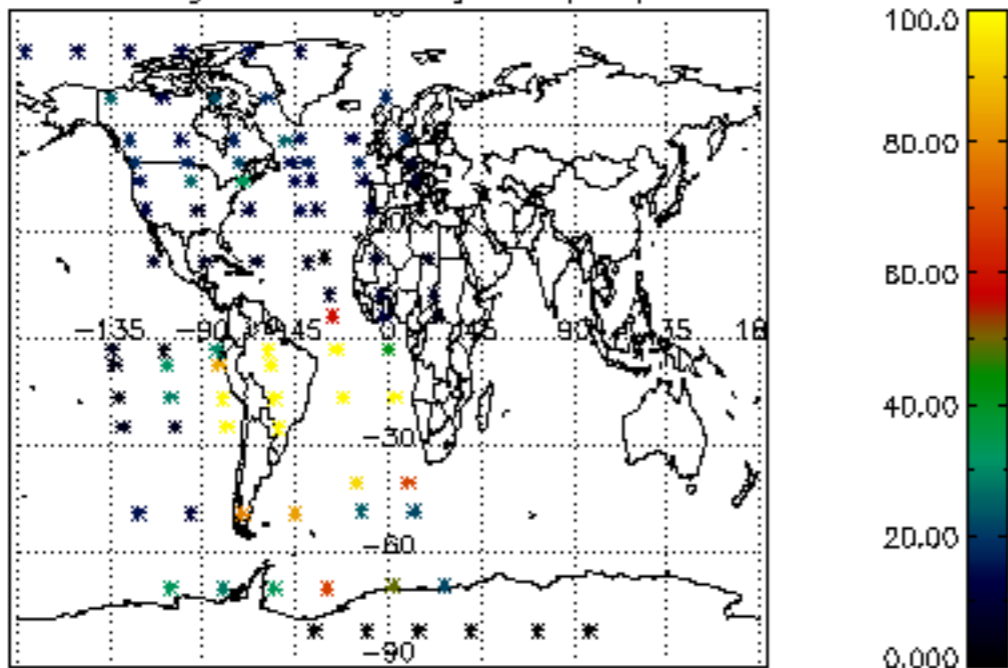
Percentage of flagged data per NO3 profile



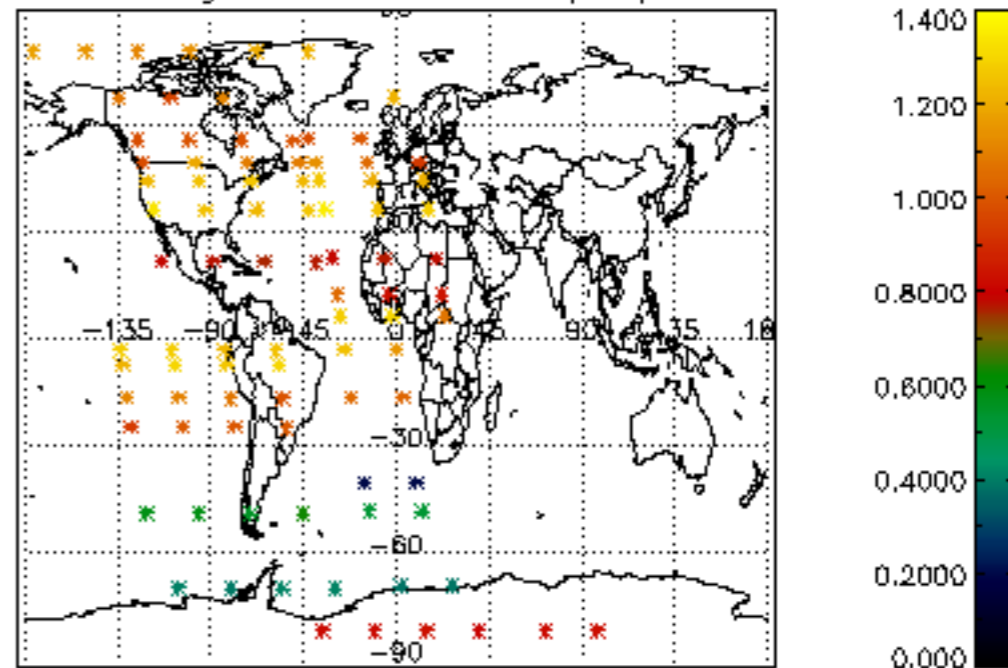




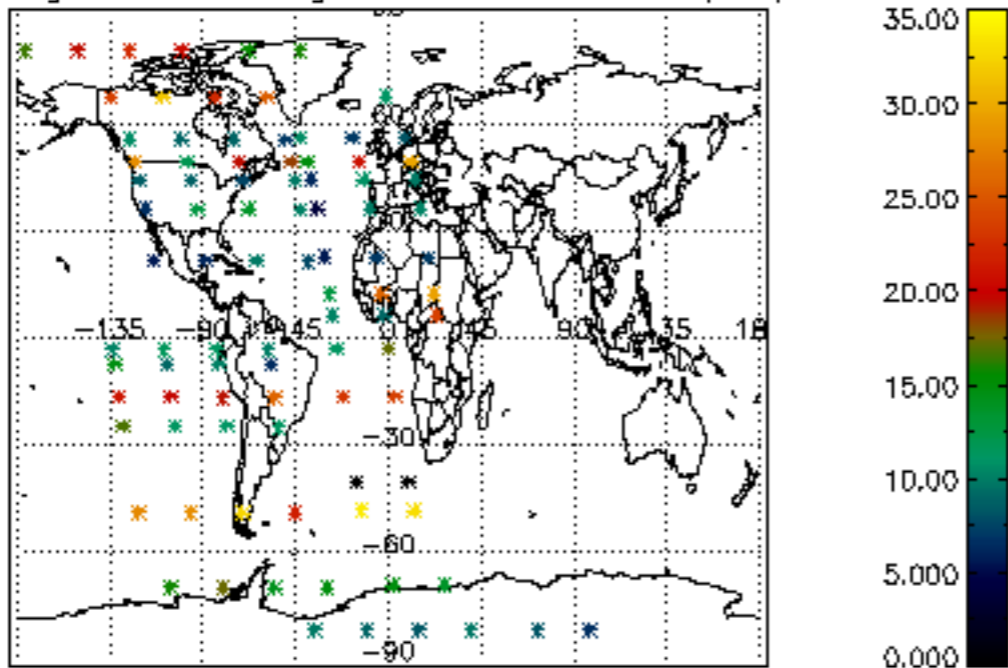
Percentage of cosmic ray hits per profile



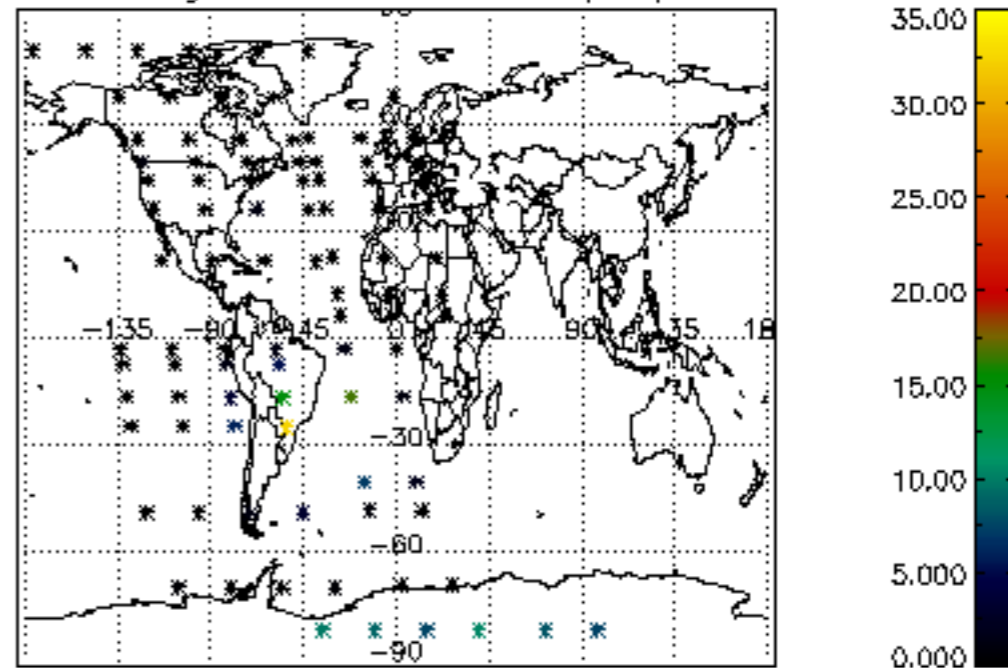
Percentage of datation errors per profile



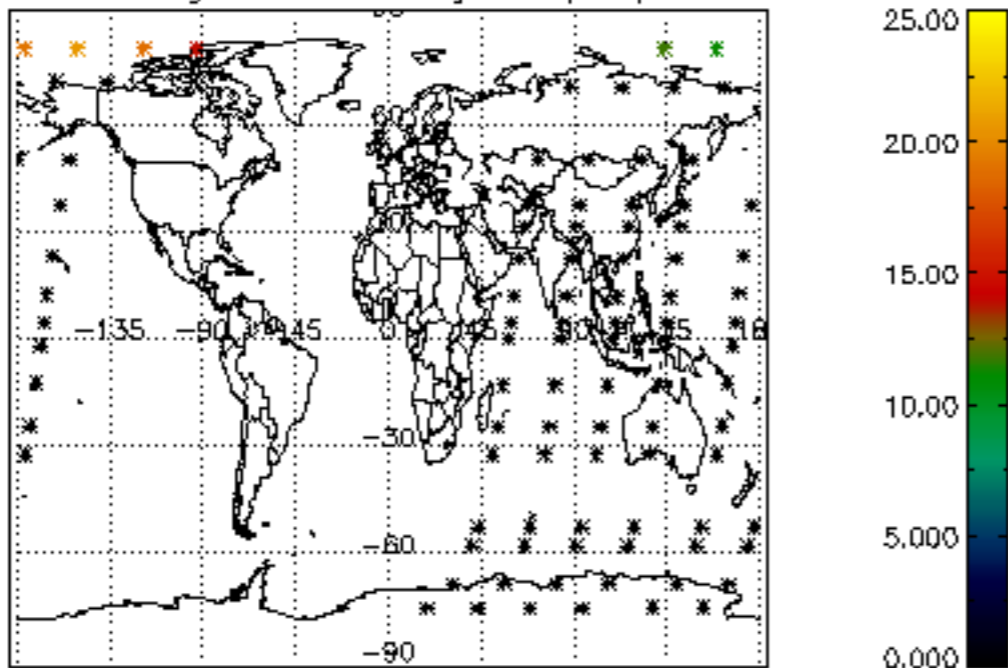
Percentage of star falling outside central band per profile



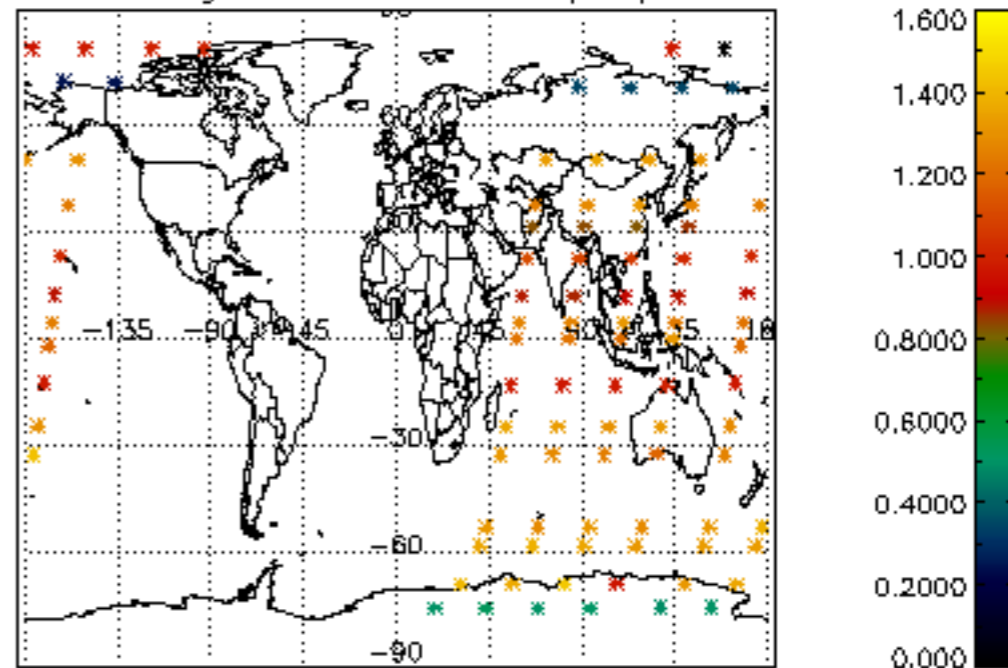
Percentage of saturation errors per profile



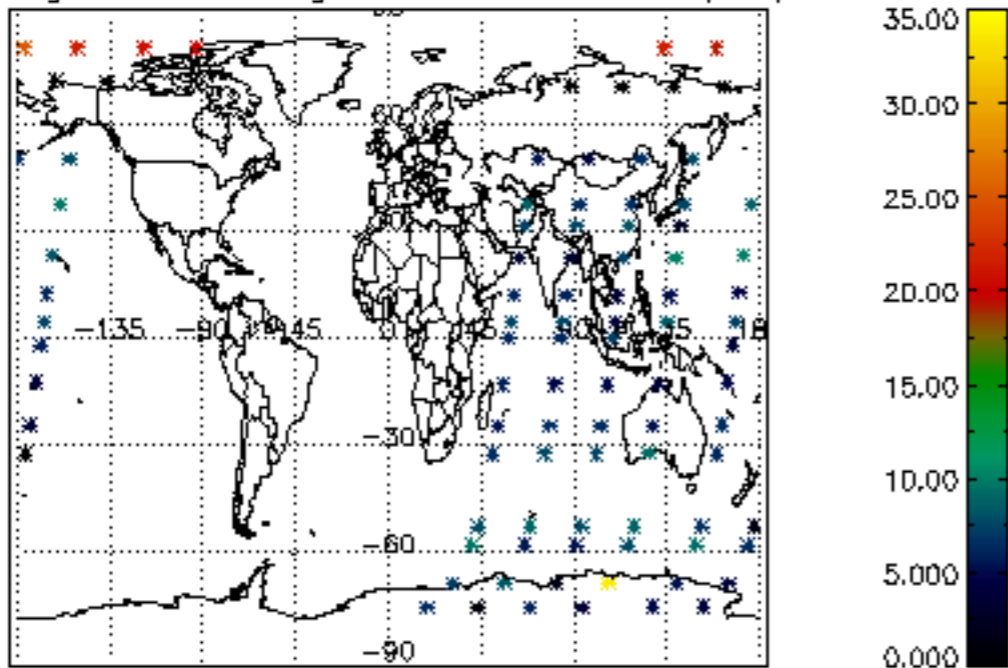
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

