

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	26APR2013 12:54:05
Data source version	GOMOS/6.01
Start time of products	21-09-2009 (21SEP2009 00:00:00)
Stop time of products	22-09-2009 (22SEP2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	158
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__2PRFIN20090921_000601_000000502082_00388_39520_8165.N1	21-SEP-2009 00:06:01	Bright	50.000	24	66Alp Gem	1.5800	10200.	100	39520	No
2	GOM_NL__2PRFIN20090921_001515_000000592082_00388_39520_8166.N1	21-SEP-2009 00:15:15	Dark	58.500	8	10Alp CMi	0.40000	6500.0	117	39520	No
3	GOM_NL__2PRFIN20090921_002540_000000442082_00388_39520_8167.N1	21-SEP-2009 00:25:40	Dark	43.500	88	31Eta CMa	2.4480	20000.	87	39520	No
4	GOM_NL__2PRFIN20090921_002717_000000492082_00388_39520_8168.N1	21-SEP-2009 00:27:17	Dark	49.000	47	2Bet CMa	1.9760	28000.	98	39520	No
5	GOM_NL__2PRFIN20090921_003325_000000532082_00389_39521_8175.N1	21-SEP-2009 00:33:25	Dark	53.000	108	Alp Col	2.6520	15200.	106	39521	No
6	GOM_NL__2PRFIN20090921_004503_000000532082_00389_39521_8176.N1	21-SEP-2009 00:45:03	Straylight	53.000	157	The1Eri	2.9060	9300.0	106	39521	No
7	GOM_NL__2PRFIN20090921_005723_000000542082_00389_39521_8177.N1	21-SEP-2009 00:57:23	Twilight_stray	54.000	52	16Bet Cet	2.0370	4500.0	108	39521	No
8	GOM_NL__2PRFIN20090921_010857_000000462082_00389_39521_8178.N1	21-SEP-2009 01:08:57	Bright	45.500	140	88Gam Peg	2.8340	26000.	91	39521	No
9	GOM_NL__2PRFIN20090921_011318_000000442082_00389_39521_8179.N1	21-SEP-2009 01:13:18	Bright	43.500	58	21Alp And	2.0730	11000.	87	39521	No
10	GOM_NL__2PRFIN20090921_012142_000000402082_00389_39521_8180.N1	21-SEP-2009 01:21:42	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	39521	No
11	GOM_NL__2PRFIN20090921_012322_000000402082_00389_39521_8181.N1	21-SEP-2009 01:23:22	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	39521	No
12	GOM_NL__2PRFIN20090921_014637_000000672082_00389_39521_8182.N1	21-SEP-2009 01:46:37	Bright	67.000	24	66Alp Gem	1.5800	10200.	134	39521	No
13	GOM_NL__2PRFIN20090921_015552_000000642082_00389_39521_8183.N1	21-SEP-2009 01:55:52	Dark	64.000	8	10Alp CMi	0.40000	6500.0	128	39521	No
14	GOM_NL__2PRFIN20090921_020617_000000452082_00389_39521_8184.N1	21-SEP-2009 02:06:17	Dark	45.000	88	31Eta CMa	2.4480	20000.	90	39521	No
15	GOM_NL__2PRFIN20090921_020755_000000492082_00389_39521_8185.N1	21-SEP-2009 02:07:55	Dark	49.000	47	2Bet CMa	1.9760	28000.	98	39521	No
16	GOM_NL__2PRFIN20090921_021402_000000542082_00390_39522_8192.N1	21-SEP-2009 02:14:02	Dark	53.500	108	Alp Col	2.6520	15200.	107	39522	No
17	GOM_NL__2PRFIN20090921_022540_000000532082_00390_39522_8193.N1	21-SEP-2009 02:25:40	Straylight	52.500	157	The1Eri	2.9060	9300.0	105	39522	No
18	GOM_NL__2PRFIN20090921_023800_000000542082_00390_39522_8194.N1	21-SEP-2009 02:38:00	Twilight_stray	54.000	52	16Bet Cet	2.0370	4500.0	108	39522	No
19	GOM_NL__2PRFIN20090921_024932_000000452082_00390_39522_8195.N1	21-SEP-2009 02:49:32	Bright	45.000	140	88Gam Peg	2.8340	26000.	90	39522	No
20	GOM_NL__2PRFIN20090921_025353_000000442082_00390_39522_8196.N1	21-SEP-2009 02:53:53	Bright	44.000	58	21Alp And	2.0730	11000.	88	39522	No
21	GOM_NL__2PRFIN20090921_030218_000000372082_00390_39522_8197.N1	21-SEP-2009 03:02:18	Bright	36.500	74	11Bet Cas	2.2680	6600.0	73	39522	No
22	GOM_NL__2PRFIN20090921_030357_000000422082_00390_39522_8198.N1	21-SEP-2009 03:03:57	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	39522	No
23	GOM_NL__2PRFIN20090921_032713_000000482082_00390_39522_8199.N1	21-SEP-2009 03:27:13	Bright	47.500	24	66Alp Gem	1.5800	10200.	95	39522	No
24	GOM_NL__2PRFIN20090921_033628_000000592082_00390_39522_8200.N1	21-SEP-2009 03:36:28	Dark	58.500	8	10Alp CMi	0.40000	6500.0	117	39522	No
25	GOM_NL__2PRFIN20090921_034654_000000472082_00390_39522_8201.N1	21-SEP-2009 03:46:54	Dark	47.000	88	31Eta CMa	2.4480	20000.	94	39522	No
26	GOM_NL__2PRFIN20090921_034832_000000432082_00390_39522_8202.N1	21-SEP-2009 03:48:32	Dark	43.000	47	2Bet CMa	1.9760	28000.	86	39522	No
27	GOM_NL__2PRFIN20090921_035440_000000542082_00391_39523_8206.N1	21-SEP-2009 03:54:40	Dark	54.000	108	Alp Col	2.6520	15200.	108	39523	No
28	GOM_NL__2PRFIN20090921_040617_000000542082_00391_39523_8207.N1	21-SEP-2009 04:06:17	Straylight	54.000	157	The1Eri	2.9060	9300.0	108	39523	No
29	GOM_NL__2PRFIN20090921_041836_000000542082_00391_39523_8208.N1	21-SEP-2009 04:18:36	Twilight_stray	53.500	52	16Bet Cet	2.0370	4500.0	107	39523	No
30	GOM_NL__2PRFIN20090921_043008_000000452082_00391_39523_8209.N1	21-SEP-2009 04:30:08	Bright	45.000	140	88Gam Peg	2.8340	26000.	90	39523	No
31	GOM_NL__2PRFIN20090921_043429_000000442082_00391_39523_8210.N1	21-SEP-2009 04:34:29	Bright	43.500	58	21Alp And	2.0730	11000.	87	39523	No
32	GOM_NL__2PRFIN20090921_044254_000000402082_00391_39523_8211.N1	21-SEP-2009 04:42:54	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	39523	No
33	GOM_NL__2PRFIN20090921_044432_000000422082_00391_39523_8212.N1	21-SEP-2009 04:44:32	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	39523	No
34	GOM_NL__2PRFIN20090921_050749_000000672082_00391_39523_8213.N1	21-SEP-2009 05:07:49	Bright	67.000	24	66Alp Gem	1.5800	10200.	134	39523	No
35	GOM_NL__2PRFIN20090921_051705_000000572082_00391_39523_8214.N1	21-SEP-2009 05:17:05	Dark	56.500	8	10Alp CMi	0.40000	6500.0	113	39523	No
36	GOM_NL__2PRFIN20090921_052731_000000452082_00391_39523_8215.N1	21-SEP-2009 05:27:31	Dark	45.000	88	31Eta CMa	2.4480	20000.	90	39523	No
37	GOM_NL__2PRFIN20090921_052910_000000432082_00391_39523_8216.N1	21-SEP-2009 05:29:10	Dark	43.000	47	2Bet CMa	1.9760	28000.	86	39523	No
38	GOM_NL__2PRFIN20090921_053517_000000552082_00392_39524_8220.N1	21-SEP-2009 05:35:17	Dark	54.500	108	Alp Col	2.6520	15200.	109	39524	No
39	GOM_NL__2PRFIN20090921_054654_000000542082_00392_39524_8221.N1	21-SEP-2009 05:46:54	Straylight	53.500	157	The1Eri	2.9060	9300.0	107	39524	No
40	GOM_NL__2PRFIN20090921_055912_000000542082_00392_39524_8222.N1	21-SEP-2009 05:59:12	Twilight_stray	53.500	52	16Bet Cet	2.0370	4500.0	107	39524	No
41	GOM_NL__2PRFIN20090921_061043_000000452082_00392_39524_8223.N1	21-SEP-2009 06:10:43	Bright	45.000	140	88Gam Peg	2.8340	26000.	90	39524	No
42	GOM_NL__2PRFIN20090921_061504_000000442082_00392_39524_8224.N1	21-SEP-2009 06:15:04	Bright	44.000	58	21Alp And	2.0730	11000.	88	39524	No

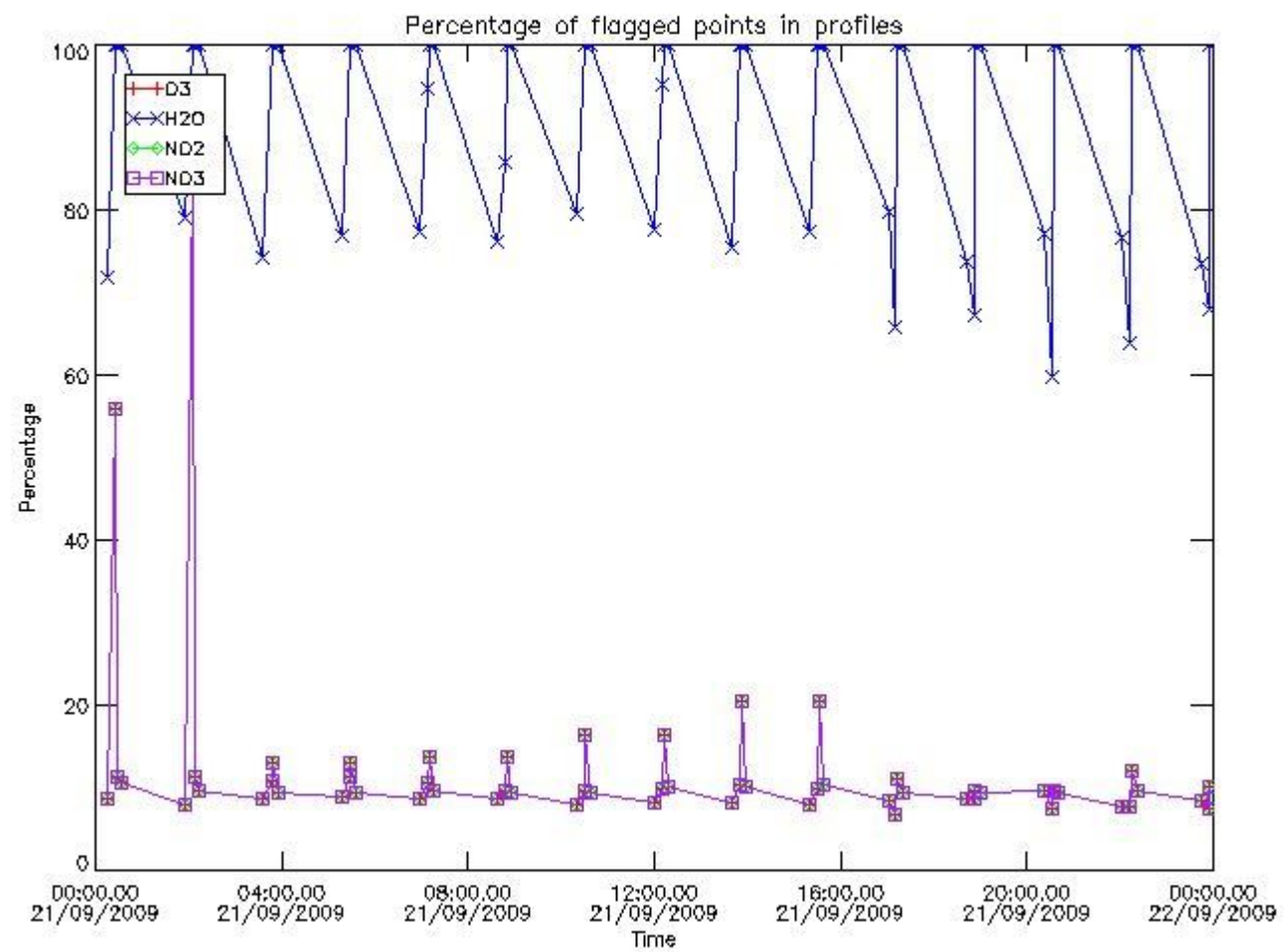
43	GOM_NL__2PRFIN20090921_062329_000000402082_00392_39524_8225.N1	21-SEP-2009 06:23:29	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	39524	No
44	GOM_NL__2PRFIN20090921_062508_000000422082_00392_39524_8226.N1	21-SEP-2009 06:25:08	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	39524	No
45	GOM_NL__2PRFIN20090921_064825_000000512082_00392_39524_8227.N1	21-SEP-2009 06:48:25	Bright	51.000	24	66Alp Gem	1.5800	10200.	102	39524	No
46	GOM_NL__2PRFIN20090921_065742_000000582082_00392_39524_8228.N1	21-SEP-2009 06:57:42	Dark	58.000	8	10Alp CMi	0.40000	6500.0	116	39524	No
47	GOM_NL__2PRFIN20090921_070817_000000492082_00392_39524_8229.N1	21-SEP-2009 07:08:17	Dark	48.500	37	25Del CMa	1.8300	5900.0	97	39524	No
48	GOM_NL__2PRFIN20090921_070947_000000372082_00392_39524_8230.N1	21-SEP-2009 07:09:47	Dark	37.000	47	2Bet CMa	1.9760	28000.	74	39524	No
49	GOM_NL__2PRFIN20090921_071554_000000542082_00393_39525_8235.N1	21-SEP-2009 07:15:54	Dark	53.500	108	Alp Col	2.6520	15200.	107	39525	No
50	GOM_NL__2PRFIN20090921_072730_000000532082_00393_39525_8236.N1	21-SEP-2009 07:27:30	Straylight	52.500	157	The1Eri	2.9060	9300.0	105	39525	No
51	GOM_NL__2PRFIN20090921_073948_000000522082_00393_39525_8237.N1	21-SEP-2009 07:39:48	Tw_i_and_stray	52.000	52	16Bet Cet	2.0370	4500.0	104	39525	No
52	GOM_NL__2PRFIN20090921_075119_000000452082_00393_39525_8238.N1	21-SEP-2009 07:51:19	Bright	45.000	140	88Gam Peg	2.8340	26000.	90	39525	No
53	GOM_NL__2PRFIN20090921_075540_000000442082_00393_39525_8239.N1	21-SEP-2009 07:55:40	Bright	44.000	58	21Alp And	2.0730	11000.	88	39525	No
54	GOM_NL__2PRFIN20090921_080405_000000402082_00393_39525_8240.N1	21-SEP-2009 08:04:05	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	39525	No
55	GOM_NL__2PRFIN20090921_080543_000000422082_00393_39525_8241.N1	21-SEP-2009 08:05:43	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	39525	No
56	GOM_NL__2PRFIN20090921_082902_000000672082_00393_39525_8242.N1	21-SEP-2009 08:29:02	Bright	67.000	24	66Alp Gem	1.5800	10200.	134	39525	No
57	GOM_NL__2PRFIN20090921_083818_000000592082_00393_39525_8243.N1	21-SEP-2009 08:38:18	Dark	59.000	8	10Alp CMi	0.40000	6500.0	118	39525	No
58	GOM_NL__2PRFIN20090921_084854_000000532082_00393_39525_8244.N1	21-SEP-2009 08:48:54	Dark	53.000	37	25Del CMa	1.8300	5900.0	106	39525	No
59	GOM_NL__2PRFIN20090921_085025_000000372082_00393_39525_8245.N1	21-SEP-2009 08:50:25	Dark	37.000	47	2Bet CMa	1.9760	28000.	74	39525	No
60	GOM_NL__2PRFIN20090921_085632_000000542082_00394_39526_8250.N1	21-SEP-2009 08:56:32	Dark	54.000	108	Alp Col	2.6520	15200.	108	39526	No
61	GOM_NL__2PRFIN20090921_090808_000000532082_00394_39526_8251.N1	21-SEP-2009 09:08:08	Straylight	53.000	157	The1Eri	2.9060	9300.0	106	39526	No
62	GOM_NL__2PRFIN20090921_092024_000000532082_00394_39526_8252.N1	21-SEP-2009 09:20:24	Tw_i_and_stray	52.500	52	16Bet Cet	2.0370	4500.0	105	39526	No
63	GOM_NL__2PRFIN20090921_093155_000000462082_00394_39526_8253.N1	21-SEP-2009 09:31:55	Bright	45.500	140	88Gam Peg	2.8340	26000.	91	39526	No
64	GOM_NL__2PRFIN20090921_093615_000000452082_00394_39526_8254.N1	21-SEP-2009 09:36:15	Bright	44.500	58	21Alp And	2.0730	11000.	89	39526	No
65	GOM_NL__2PRFIN20090921_094440_000000402082_00394_39526_8255.N1	21-SEP-2009 09:44:40	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	39526	No
66	GOM_NL__2PRFIN20090921_094619_000000432082_00394_39526_8256.N1	21-SEP-2009 09:46:19	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	39526	No
67	GOM_NL__2PRFIN20090921_100938_000000492082_00394_39526_8257.N1	21-SEP-2009 10:09:38	Bright	49.000	24	66Alp Gem	1.5800	10200.	98	39526	No
68	GOM_NL__2PRFIN20090921_101855_000000642082_00394_39526_8258.N1	21-SEP-2009 10:18:55	Dark	64.000	8	10Alp CMi	0.40000	6500.0	128	39526	No
69	GOM_NL__2PRFIN20090921_102931_000000532082_00394_39526_8259.N1	21-SEP-2009 10:29:31	Dark	52.500	37	25Del CMa	1.8300	5900.0	105	39526	No
70	GOM_NL__2PRFIN20090921_103102_000000312082_00394_39526_8260.N1	21-SEP-2009 10:31:02	Dark	31.000	47	2Bet CMa	1.9760	28000.	62	39526	No
71	GOM_NL__2PRFIN20090921_103709_000000542082_00395_39527_8285.N1	21-SEP-2009 10:37:09	Dark	54.000	108	Alp Col	2.6520	15200.	108	39527	No
72	GOM_NL__2PRFIN20090921_104844_000000532082_00395_39527_8286.N1	21-SEP-2009 10:48:44	Straylight	52.500	157	The1Eri	2.9060	9300.0	105	39527	No
73	GOM_NL__2PRFIN20090921_110100_000000542082_00395_39527_8287.N1	21-SEP-2009 11:01:00	Tw_i_and_stray	53.500	52	16Bet Cet	2.0370	4500.0	107	39527	No
74	GOM_NL__2PRFIN20090921_111230_000000452082_00395_39527_8288.N1	21-SEP-2009 11:12:30	Bright	45.000	140	88Gam Peg	2.8340	26000.	90	39527	No
75	GOM_NL__2PRFIN20090921_111650_000000442082_00395_39527_8289.N1	21-SEP-2009 11:16:50	Bright	43.500	58	21Alp And	2.0730	11000.	87	39527	No
76	GOM_NL__2PRFIN20090921_112516_000000422082_00395_39527_8290.N1	21-SEP-2009 11:25:16	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	39527	No
77	GOM_NL__2PRFIN20090921_112654_000000422082_00395_39527_8291.N1	21-SEP-2009 11:26:54	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	39527	No
78	GOM_NL__2PRFIN20090921_115014_000000472082_00395_39527_8292.N1	21-SEP-2009 11:50:14	Bright	46.500	24	66Alp Gem	1.5800	10200.	93	39527	No
79	GOM_NL__2PRFIN20090921_115931_000000632082_00395_39527_8293.N1	21-SEP-2009 11:59:31	Dark	63.000	8	10Alp CMi	0.40000	6500.0	126	39527	No
80	GOM_NL__2PRFIN20090921_121007_000000522082_00395_39527_8294.N1	21-SEP-2009 12:10:07	Dark	51.500	37	25Del CMa	1.8300	5900.0	103	39527	No
81	GOM_NL__2PRFIN20090921_121140_000000312082_00395_39527_8295.N1	21-SEP-2009 12:11:40	Dark	31.000	47	2Bet CMa	1.9760	28000.	62	39527	No
82	GOM_NL__2PRFIN20090921_121746_000000562082_00396_39528_8299.N1	21-SEP-2009 12:17:46	Dark	55.500	108	Alp Col	2.6520	15200.	111	39528	No
83	GOM_NL__2PRFIN20090921_122921_000000532082_00396_39528_8300.N1	21-SEP-2009 12:29:21	Straylight	53.000	157	The1Eri	2.9060	9300.0	106	39528	No
84	GOM_NL__2PRFIN20090921_124136_000000522082_00396_39528_8301.N1	21-SEP-2009 12:41:36	Tw_i_and_stray	52.000	52	16Bet Cet	2.0370	4500.0	104	39528	No
85	GOM_NL__2PRFIN20090921_125305_000000452082_00396_39528_8302.N1	21-SEP-2009 12:53:05	Bright	44.500	140	88Gam Peg	2.8340	26000.	89	39528	No
86	GOM_NL__2PRFIN20090921_125726_000000432082_00396_39528_8303.N1	21-SEP-2009 12:57:26	Bright	42.500	58	21Alp And	2.0730	11000.	85	39528	No
87	GOM_NL__2PRFIN20090921_130552_000000412082_00396_39528_8304.N1	21-SEP-2009 13:05:52	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	39528	No
88	GOM_NL__2PRFIN20090921_130729_000000432082_00396_39528_8305.N1	21-SEP-2009 13:07:29	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	39528	No
89	GOM_NL__2PRFIN20090921_133050_000000472082_00396_39528_8306.N1	21-SEP-2009 13:30:50	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	39528	No
90	GOM_NL__2PRFIN20090921_134008_000000622082_00396_39528_8307.N1	21-SEP-2009 13:40:08	Dark	61.500	8	10Alp CMi	0.40000	6500.0	123	39528	No
91	GOM_NL__2PRFIN20090921_135044_000000492082_00396_39528_8308.N1	21-SEP-2009 13:50:44	Dark	49.000	37	25Del CMa	1.8300	5900.0	98	39528	No
92	GOM_NL__2PRFIN20090921_135217_000000252082_00396_39528_8309.N1	21-SEP-2009 13:52:17	Dark	25.000	47	2Bet CMa	1.9760	28000.	50	39528	No
93	GOM_NL__2PRFIN20090921_135823_000000562082_00397_39529_8313.N1	21-SEP-2009 13:58:23	Dark	55.500	108	Alp Col	2.6520	15200.	111	39529	No
94	GOM_NL__2PRFIN20090921_140958_000000532082_00397_39529_8314.N1	21-SEP-2009 14:09:58	Straylight	52.500	157	The1Eri	2.9060	9300.0	105	39529	No
95	GOM_NL__2PRFIN20090921_142212_000000532082_00397_39529_8315.N1	21-SEP-2009 14:22:12	Tw_i_and_stray	53.000	52	16Bet Cet	2.0370	4500.0	106	39529	No
96	GOM_NL__2PRFIN20090921_143341_000000452082_00397_39529_8316.N1	21-SEP-2009 14:33:41	Bright	44.500	140	88Gam Peg	2.8340	26000.	89	39529	No
97	GOM_NL__2PRFIN20090921_143801_000000642082_00397_39529_8317.N1	21-SEP-2009 14:38:01	Bright	64.000	58	21Alp And	2.0730	11000.	128	39529	No
98	GOM_NL__2PRFIN20090921_144627_000000402082_00397_39529_8318.N1	21-SEP-2009 14:46:27	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	39529	No
99	GOM_NL__2PRFIN20090921_144805_000000422082_00397_39529_8319.N1	21-SEP-2009 14:48:05	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	39529	No
100	GOM_NL__2PRFIN20090921_151126_000000472082_00397_39529_8320.N1	21-SEP-2009 15:11:26	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	39529	No
101	GOM_NL__2PRFIN20090921_152044_000000652082_00397_39529_8321.N1	21-SEP-2009 15:20:44	Dark	64.500	8	10Alp CMi	0.40000	6500.0	129	39529	No

102	GOM_NL__2PRFIN20090921_153121_000000512082_00397_39529_8322.N1	21-SEP-2009 15:31:21	Dark	51.000	37	25Del CMa	1.8300	5900.0	102	39529	No
103	GOM_NL__2PRFIN20090921_153255_000000252082_00397_39529_8323.N1	21-SEP-2009 15:32:55	Dark	25.000	47	2Bet CMa	1.9760	28000.	50	39529	No
104	GOM_NL__2PRFIN20090921_153901_000000552082_00398_39530_8327.N1	21-SEP-2009 15:39:01	Dark	54.500	108	Alp Col	2.6520	15200.	109	39530	No
105	GOM_NL__2PRFIN20090921_155035_000000532082_00398_39530_8328.N1	21-SEP-2009 15:50:35	Straylight	53.000	157	The1Eri	2.9060	9300.0	106	39530	No
106	GOM_NL__2PRFIN20090921_160248_000000532082_00398_39530_8329.N1	21-SEP-2009 16:02:48	Twi_and_stray	52.500	52	16Bet Cet	2.0370	4500.0	105	39530	No
107	GOM_NL__2PRFIN20090921_161416_000000442082_00398_39530_8330.N1	21-SEP-2009 16:14:16	Bright	43.500	140	88Gam Peg	2.8340	26000.	87	39530	No
108	GOM_NL__2PRFIN20090921_161837_000000642082_00398_39530_8331.N1	21-SEP-2009 16:18:37	Bright	64.000	58	21Alp And	2.0730	11000.	128	39530	No
109	GOM_NL__2PRFIN20090921_162703_000000402082_00398_39530_8332.N1	21-SEP-2009 16:27:03	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	39530	No
110	GOM_NL__2PRFIN20090921_162840_000000422082_00398_39530_8333.N1	21-SEP-2009 16:28:40	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	39530	No
111	GOM_NL__2PRFIN20090921_165202_000000522082_00398_39530_8334.N1	21-SEP-2009 16:52:02	Bright	52.000	24	66Alp Gem	1.5800	10200.	104	39530	No
112	GOM_NL__2PRFIN20090921_170121_000000602082_00398_39530_8335.N1	21-SEP-2009 17:01:21	Dark	60.000	8	10Alp CMi	0.40000	6500.0	120	39530	No
113	GOM_NL__2PRFIN20090921_171116_000000752082_00398_39530_8336.N1	21-SEP-2009 17:11:16	Dark	75.000	1	9Alp CMa	-1.4400	11000.	150	39530	No
114	GOM_NL__2PRFIN20090921_171307_000000462082_00398_39530_8337.N1	21-SEP-2009 17:13:07	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	39530	No
115	GOM_NL__2PRFIN20090921_171938_000000552082_00399_39531_8347.N1	21-SEP-2009 17:19:38	Dark	54.500	108	Alp Col	2.6520	15200.	109	39531	No
116	GOM_NL__2PRFIN20090921_173112_000000532082_00399_39531_8348.N1	21-SEP-2009 17:31:12	Straylight	52.500	157	The1Eri	2.9060	9300.0	105	39531	No
117	GOM_NL__2PRFIN20090921_174324_000000532082_00399_39531_8349.N1	21-SEP-2009 17:43:24	Twi_and_stray	52.500	52	16Bet Cet	2.0370	4500.0	105	39531	No
118	GOM_NL__2PRFIN20090921_175452_000000452082_00399_39531_8350.N1	21-SEP-2009 17:54:52	Bright	44.500	140	88Gam Peg	2.8340	26000.	89	39531	No
119	GOM_NL__2PRFIN20090921_175912_000000642082_00399_39531_8351.N1	21-SEP-2009 17:59:12	Bright	64.000	58	21Alp And	2.0730	11000.	128	39531	No
120	GOM_NL__2PRFIN20090921_180738_000000402082_00399_39531_8352.N1	21-SEP-2009 18:07:38	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	39531	No
121	GOM_NL__2PRFIN20090921_180916_000000422082_00399_39531_8353.N1	21-SEP-2009 18:09:16	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	39531	No
122	GOM_NL__2PRFIN20090921_183238_000000502082_00399_39531_8354.N1	21-SEP-2009 18:32:38	Bright	49.500	24	66Alp Gem	1.5800	10200.	99	39531	No
123	GOM_NL__2PRFIN20090921_184158_000000602082_00399_39531_8355.N1	21-SEP-2009 18:41:58	Dark	59.500	8	10Alp CMi	0.40000	6500.0	119	39531	No
124	GOM_NL__2PRFIN20090921_185154_000000592082_00399_39531_8356.N1	21-SEP-2009 18:51:54	Dark	58.500	1	9Alp CMa	-1.4400	11000.	117	39531	No
125	GOM_NL__2PRFIN20090921_185344_000000532082_00399_39531_8357.N1	21-SEP-2009 18:53:44	Dark	52.500	23	21Eps CMa	1.5020	26000.	105	39531	No
126	GOM_NL__2PRFIN20090921_190015_000000552082_00400_39532_8378.N1	21-SEP-2009 19:00:15	Dark	54.500	108	Alp Col	2.6520	15200.	109	39532	No
127	GOM_NL__2PRFIN20090921_191149_000000522082_00400_39532_8379.N1	21-SEP-2009 19:11:49	Straylight	52.000	157	The1Eri	2.9060	9300.0	104	39532	No
128	GOM_NL__2PRFIN20090921_192400_000000532082_00400_39532_8380.N1	21-SEP-2009 19:24:00	Twi_and_stray	53.000	52	16Bet Cet	2.0370	4500.0	106	39532	No
129	GOM_NL__2PRFIN20090921_193527_000000452082_00400_39532_8381.N1	21-SEP-2009 19:35:27	Bright	44.500	140	88Gam Peg	2.8340	26000.	89	39532	No
130	GOM_NL__2PRFIN20090921_193948_000000442082_00400_39532_8382.N1	21-SEP-2009 19:39:48	Bright	44.000	58	21Alp And	2.0730	11000.	88	39532	No
131	GOM_NL__2PRFIN20090921_194814_000000412082_00400_39532_8383.N1	21-SEP-2009 19:48:14	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	39532	No
132	GOM_NL__2PRFIN20090921_194951_000000432082_00400_39532_8384.N1	21-SEP-2009 19:49:51	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	39532	No
133	GOM_NL__2PRFIN20090921_201314_000000492082_00400_39532_8385.N1	21-SEP-2009 20:13:14	Bright	48.500	24	66Alp Gem	1.5800	10200.	97	39532	No
134	GOM_NL__2PRFIN20090921_202235_000000582082_00400_39532_8386.N1	21-SEP-2009 20:22:35	Dark	57.500	8	10Alp CMi	0.40000	6500.0	115	39532	No
135	GOM_NL__2PRFIN20090921_203231_000000682082_00400_39532_8387.N1	21-SEP-2009 20:32:31	Dark	67.500	1	9Alp CMa	-1.4400	11000.	135	39532	No
136	GOM_NL__2PRFIN20090921_203421_000000542082_00400_39532_8388.N1	21-SEP-2009 20:34:21	Dark	53.500	23	21Eps CMa	1.5020	26000.	107	39532	No
137	GOM_NL__2PRFIN20090921_204053_000000552082_00401_39533_8381.N1	21-SEP-2009 20:40:53	Dark	54.500	108	Alp Col	2.6520	15200.	109	39533	No
138	GOM_NL__2PRFIN20090921_205225_000000522082_00401_39533_8382.N1	21-SEP-2009 20:52:25	Straylight	51.500	157	The1Eri	2.9060	9300.0	103	39533	No
139	GOM_NL__2PRFIN20090921_210436_000000512082_00401_39533_8383.N1	21-SEP-2009 21:04:36	Twi_and_stray	50.500	52	16Bet Cet	2.0370	4500.0	101	39533	No
140	GOM_NL__2PRFIN20090921_211603_000000442082_00401_39533_8384.N1	21-SEP-2009 21:16:03	Bright	44.000	140	88Gam Peg	2.8340	26000.	88	39533	No
141	GOM_NL__2PRFIN20090921_212023_000000422082_00401_39533_8385.N1	21-SEP-2009 21:20:23	Bright	42.000	58	21Alp And	2.0730	11000.	84	39533	No
142	GOM_NL__2PRFIN20090921_212849_000000402082_00401_39533_8386.N1	21-SEP-2009 21:28:49	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	39533	No
143	GOM_NL__2PRFIN20090921_213027_000000432082_00401_39533_8387.N1	21-SEP-2009 21:30:27	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	39533	No
144	GOM_NL__2PRFIN20090921_215350_000000502082_00401_39533_8388.N1	21-SEP-2009 21:53:50	Bright	50.000	24	66Alp Gem	1.5800	10200.	100	39533	No
145	GOM_NL__2PRFIN20090921_220311_000000662082_00401_39533_8389.N1	21-SEP-2009 22:03:11	Dark	66.000	8	10Alp CMi	0.40000	6500.0	132	39533	No
146	GOM_NL__2PRFIN20090921_221308_000000662082_00401_39533_8390.N1	21-SEP-2009 22:13:08	Dark	65.500	1	9Alp CMa	-1.4400	11000.	131	39533	No
147	GOM_NL__2PRFIN20090921_221457_000000512082_00401_39533_8391.N1	21-SEP-2009 22:14:57	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	39533	No
148	GOM_NL__2PRFIN20090921_222130_000000542082_00402_39534_8396.N1	21-SEP-2009 22:21:30	Dark	53.500	108	Alp Col	2.6520	15200.	107	39534	No
149	GOM_NL__2PRFIN20090921_223302_000000522082_00402_39534_8397.N1	21-SEP-2009 22:33:02	Straylight	52.000	157	The1Eri	2.9060	9300.0	104	39534	No
150	GOM_NL__2PRFIN20090921_224512_000000542082_00402_39534_8398.N1	21-SEP-2009 22:45:12	Twi_and_stray	53.500	52	16Bet Cet	2.0370	4500.0	107	39534	No
151	GOM_NL__2PRFIN20090921_225638_000000442082_00402_39534_8399.N1	21-SEP-2009 22:56:38	Bright	44.000	140	88Gam Peg	2.8340	26000.	88	39534	No
152	GOM_NL__2PRFIN20090921_230058_000000432082_00402_39534_8400.N1	21-SEP-2009 23:00:58	Bright	42.500	58	21Alp And	2.0730	11000.	85	39534	No
153	GOM_NL__2PRFIN20090921_230925_000000402082_00402_39534_8401.N1	21-SEP-2009 23:09:25	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	39534	No
154	GOM_NL__2PRFIN20090921_231102_000000522082_00402_39534_8402.N1	21-SEP-2009 23:11:02	Bright	51.500	76	27Gam Cas	2.3000	30000.	103	39534	No
155	GOM_NL__2PRFIN20090921_233426_000000482082_00402_39534_8403.N1	21-SEP-2009 23:34:26	Bright	47.500	24	66Alp Gem	1.5800	10200.	95	39534	No
156	GOM_NL__2PRFIN20090921_234347_000000612082_00402_39534_8404.N1	21-SEP-2009 23:43:47	Dark	60.500	8	10Alp CMi	0.40000	6500.0	121	39534	No
157	GOM_NL__2PRFIN20090921_235345_000000762082_00402_39534_8405.N1	21-SEP-2009 23:53:45	Dark	75.500	1	9Alp CMa	-1.4400	11000.	151	39534	No
158	GOM_NL__2PRFIN20090921_235534_000000512082_00402_39534_8406.N1	21-SEP-2009 23:55:34	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	39534	No

3. Quality information per product

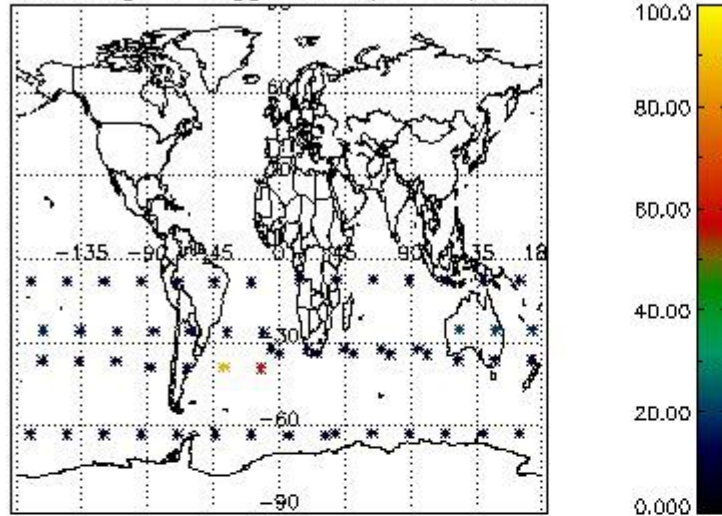
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

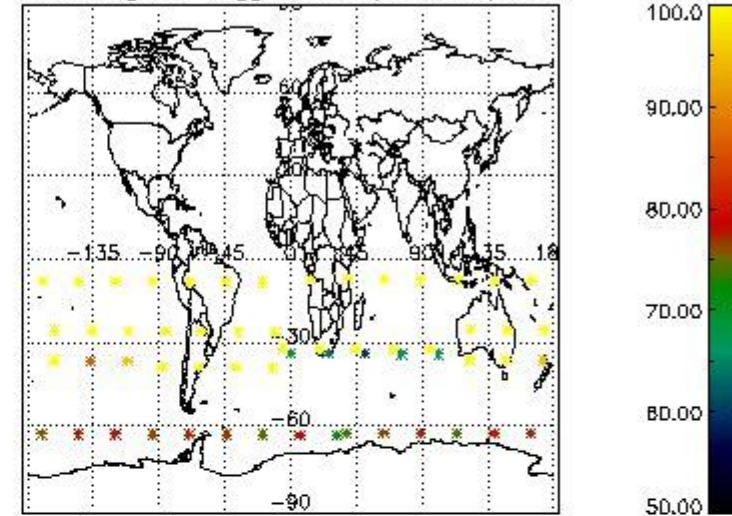


3.2 Plot quality information per product (world map)

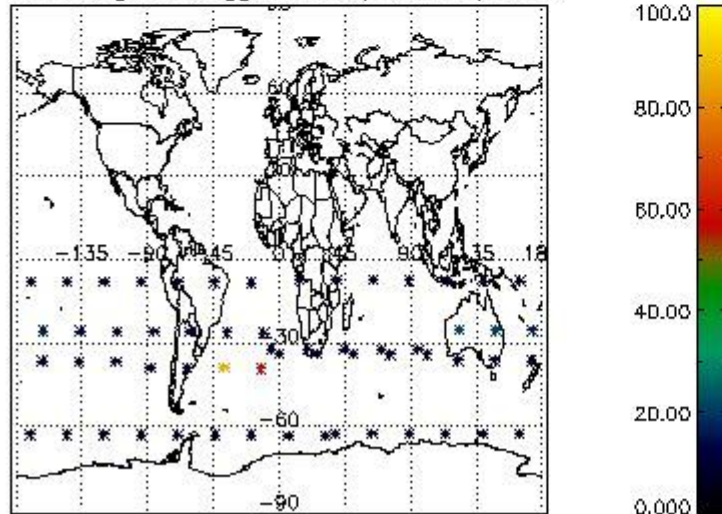
Percentage of flagged data per O3 profile



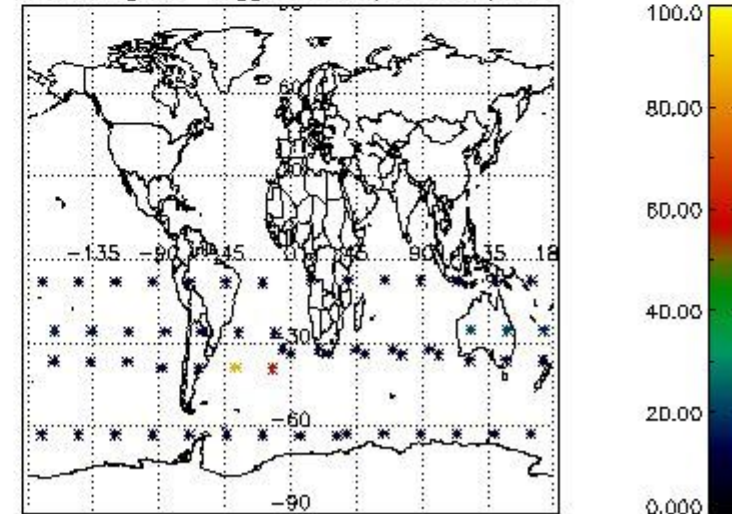
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

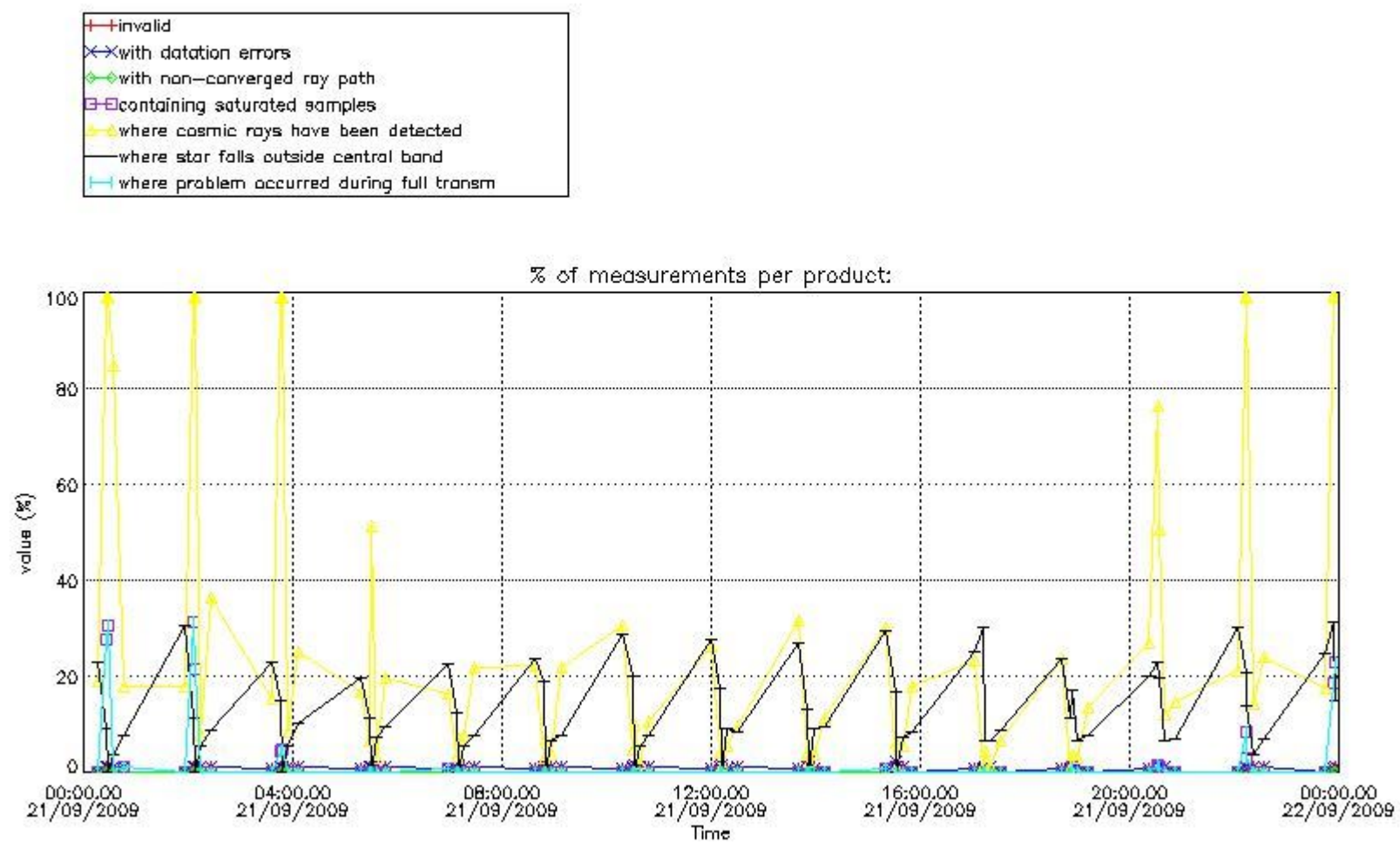


4. Level 1 quality information per product

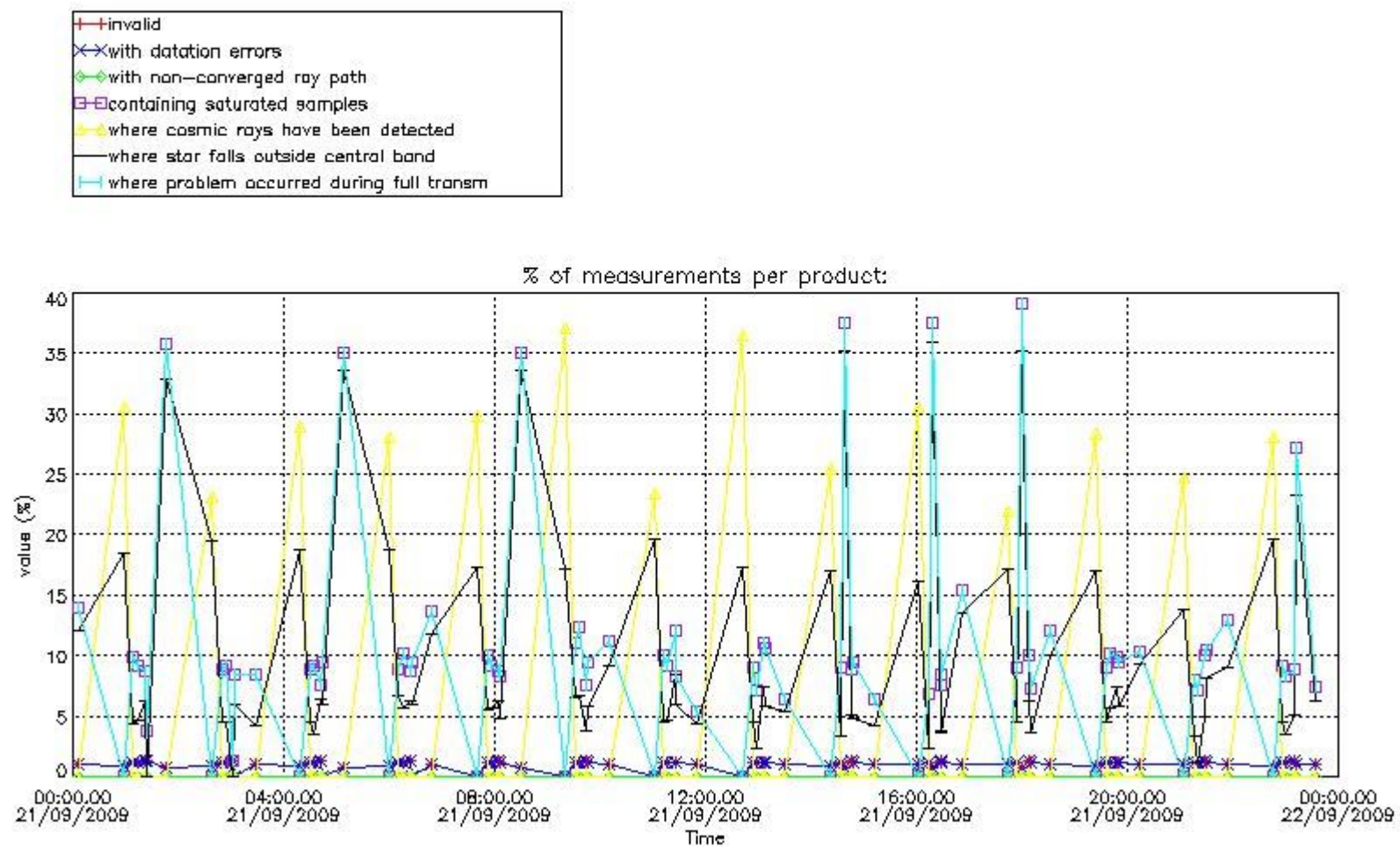
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



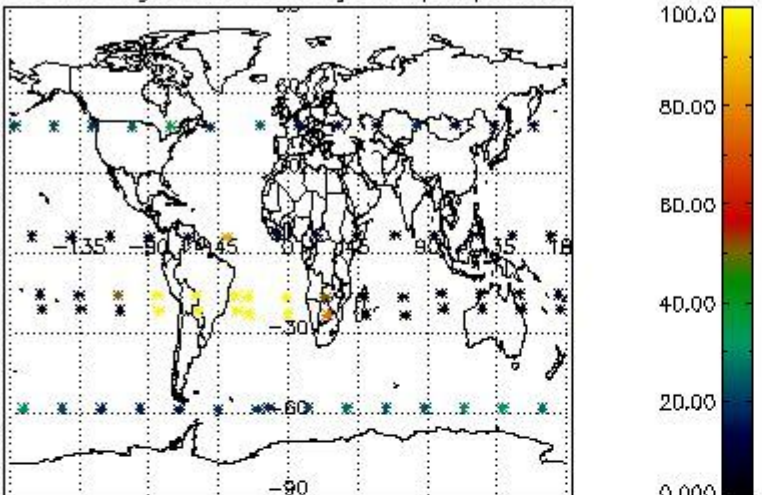
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



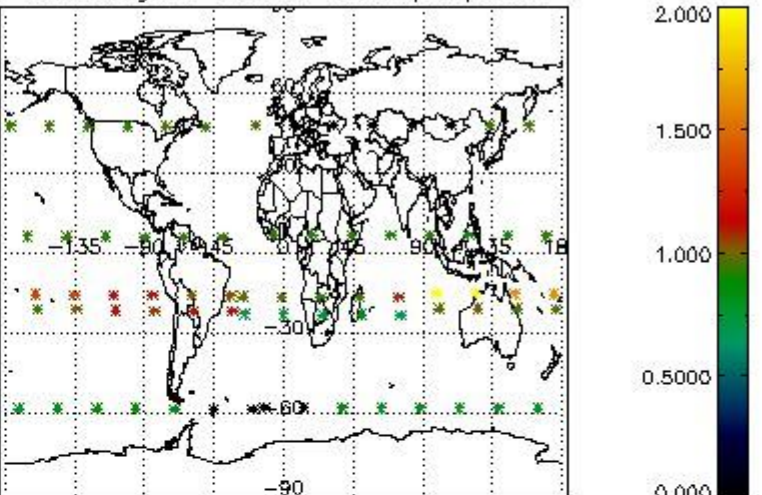
4.2 Plot quality information per product coming from level 1b processing (world map)

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

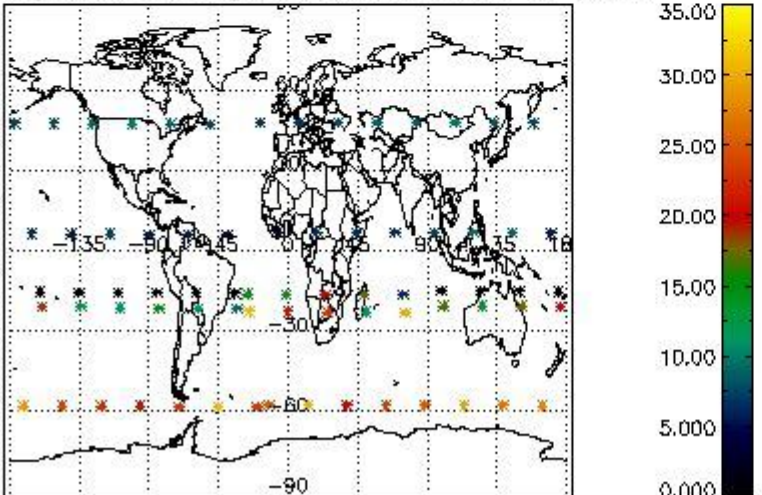
Percentage of cosmic ray hits per profile



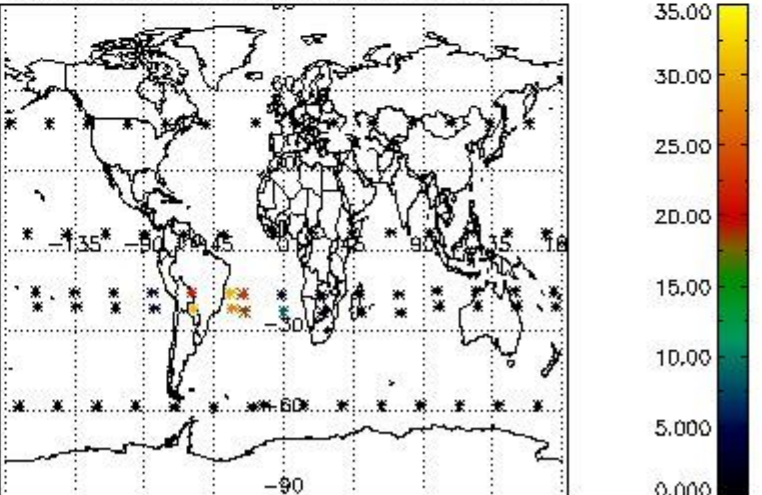
Percentage of datation errors per profile



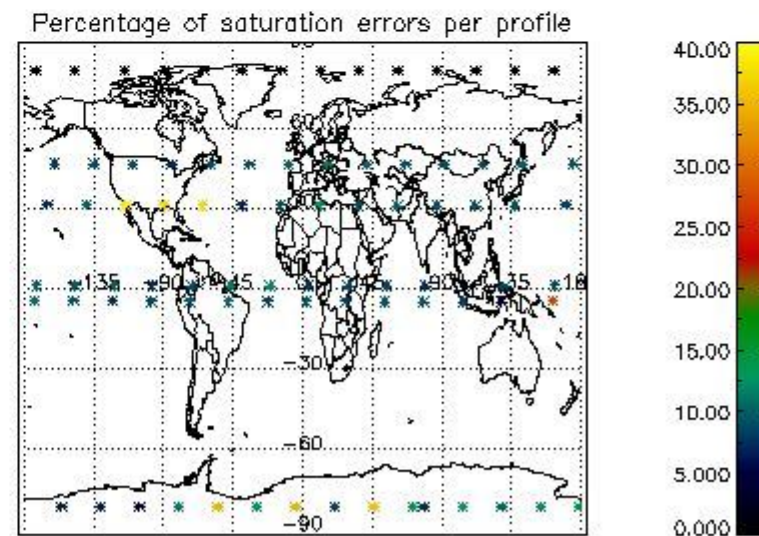
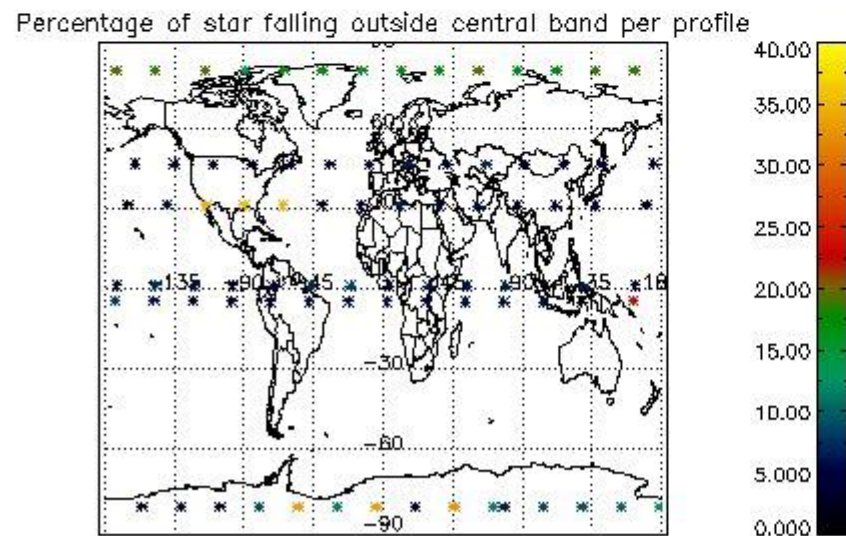
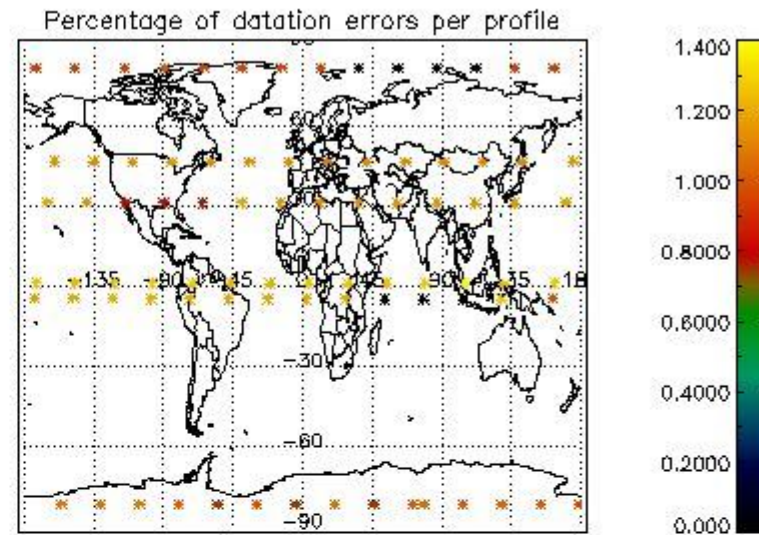
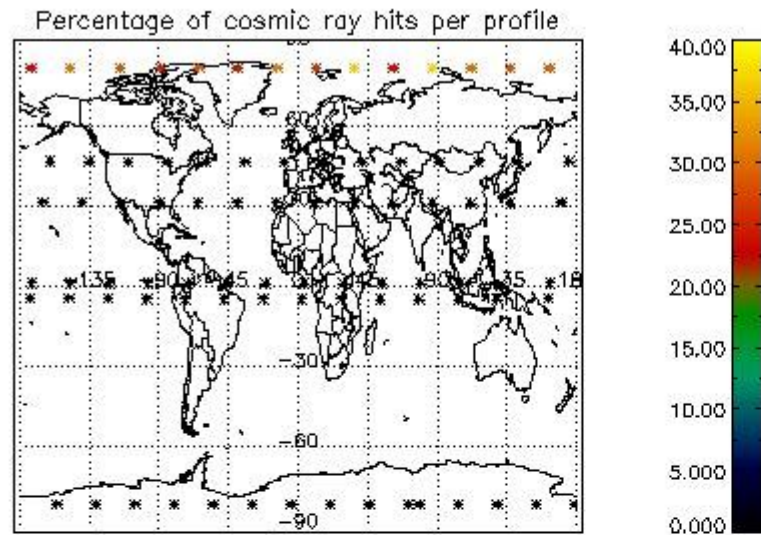
Percentage of star falling outside central band per profile



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

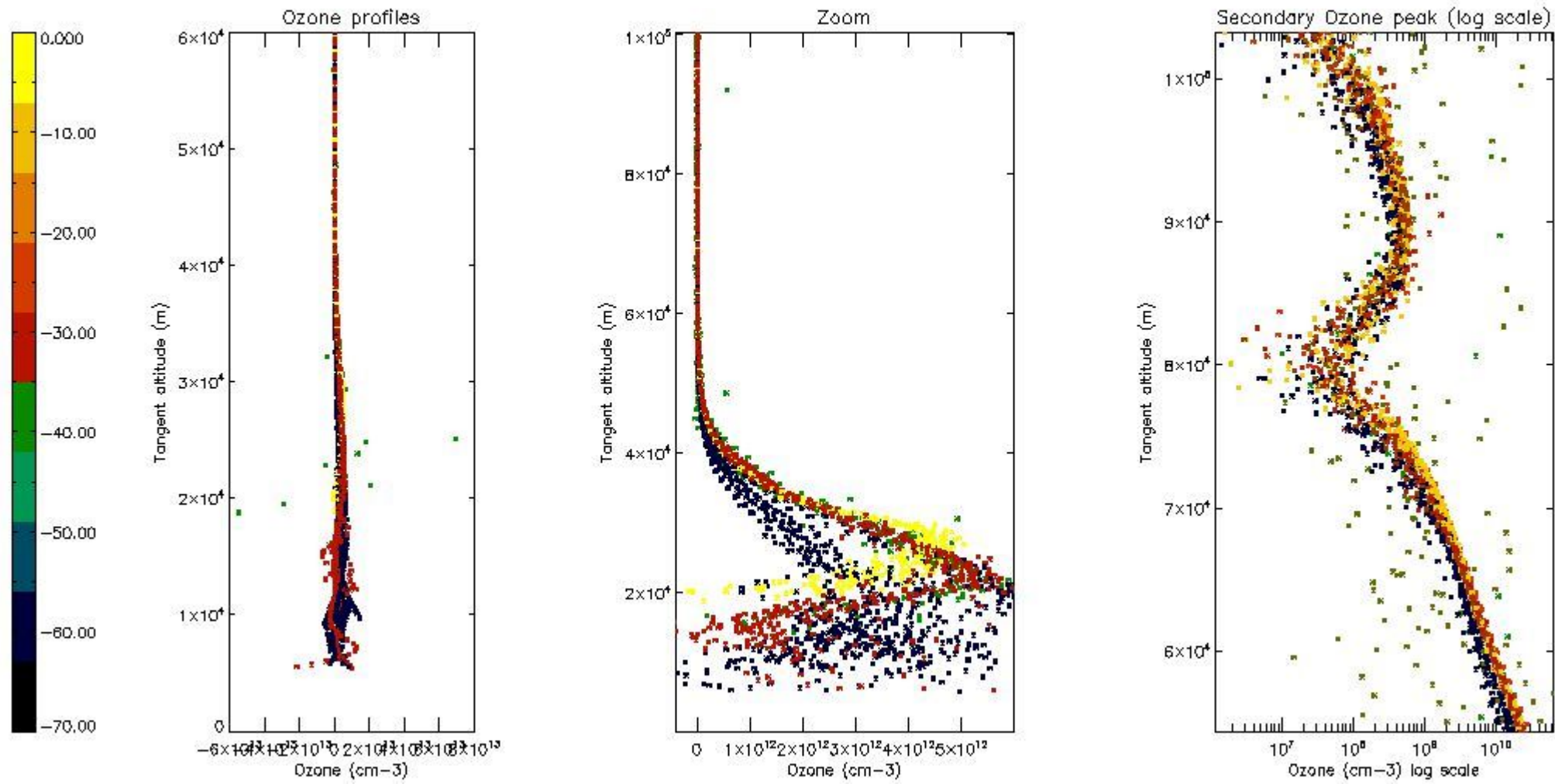
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	41
STD < 20	24

STD < 10	20
STD < 5	16

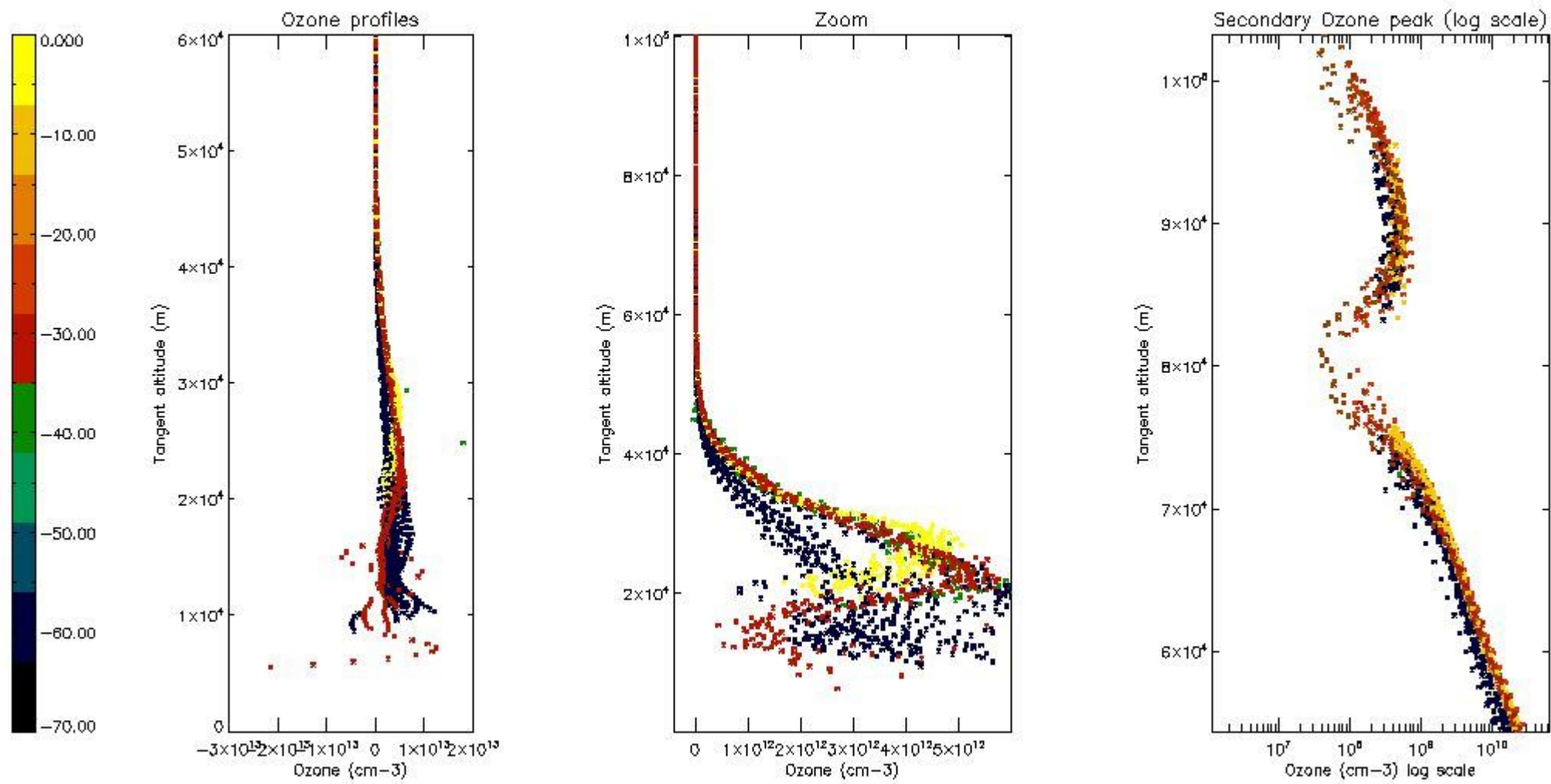
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



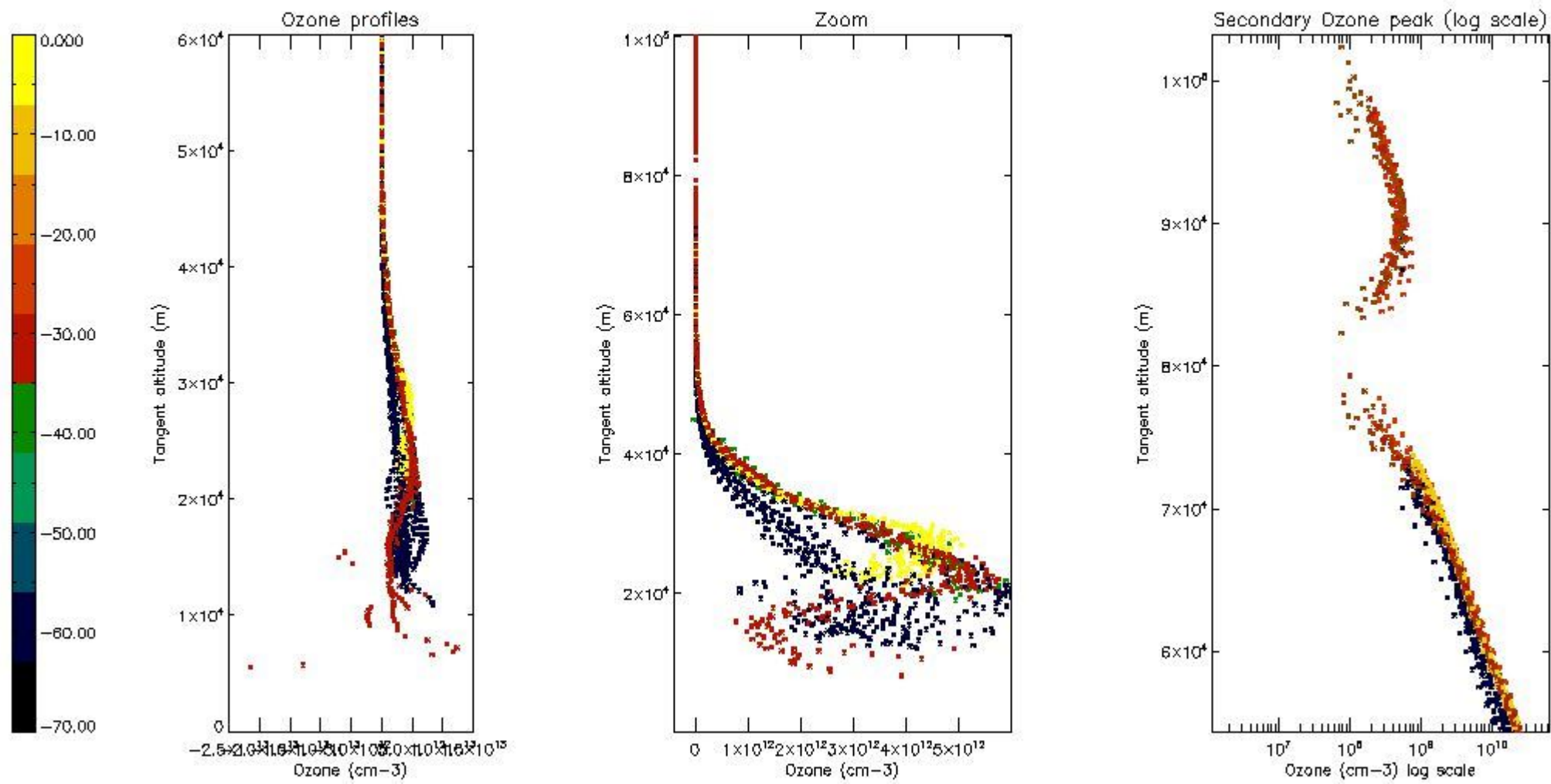
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



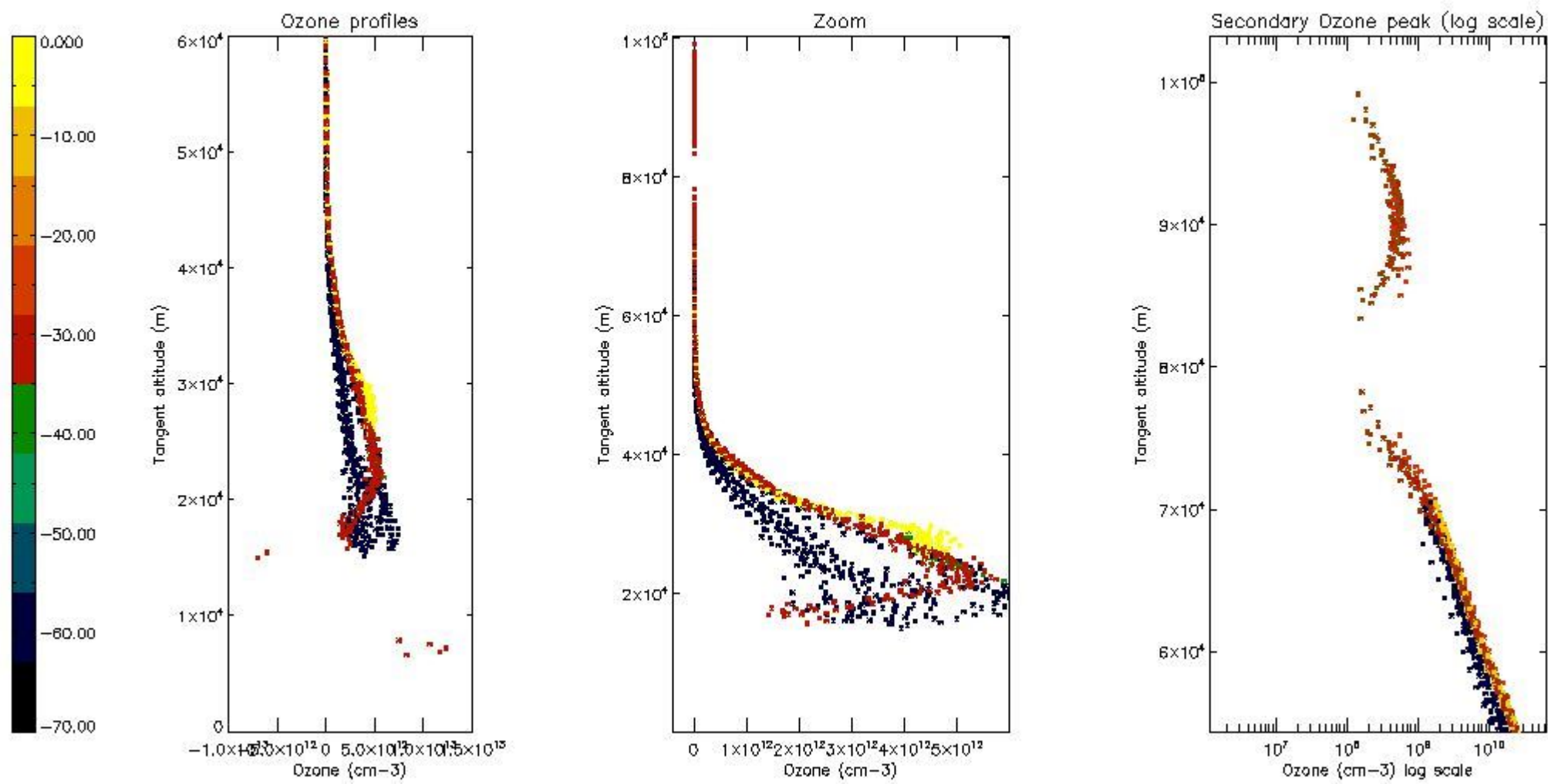
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



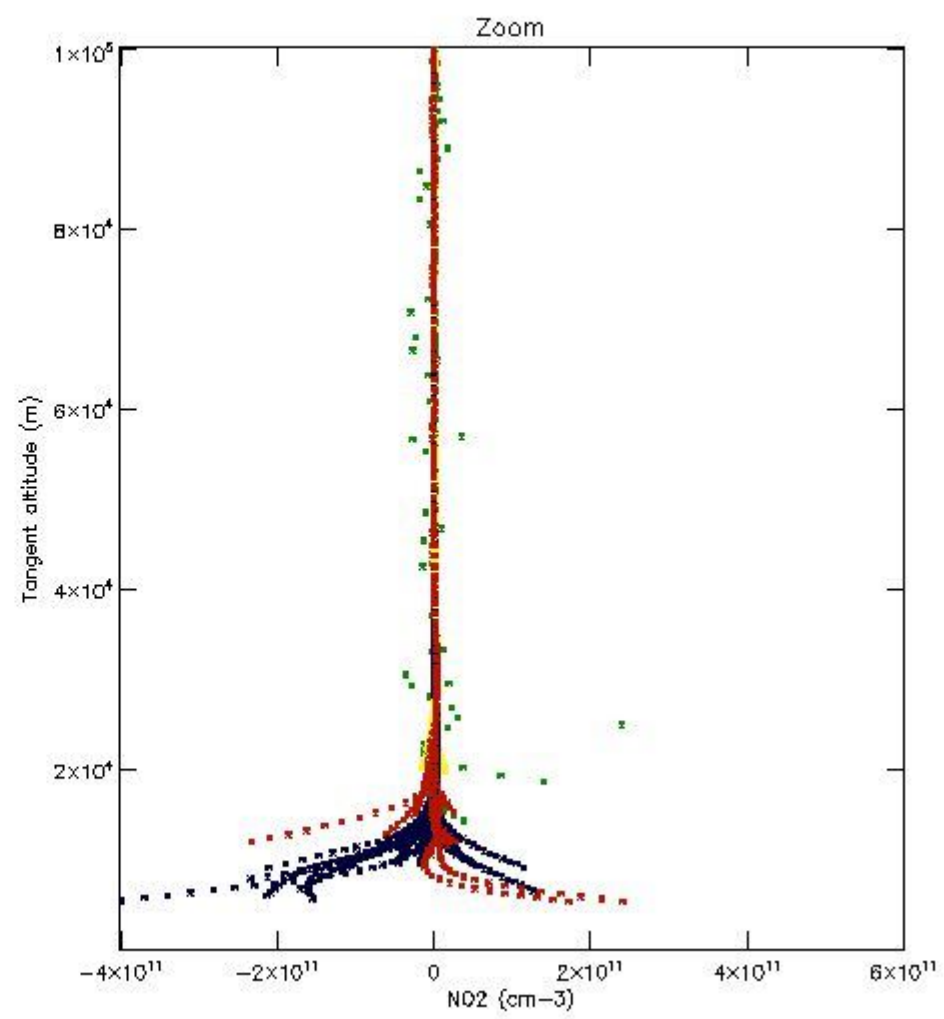
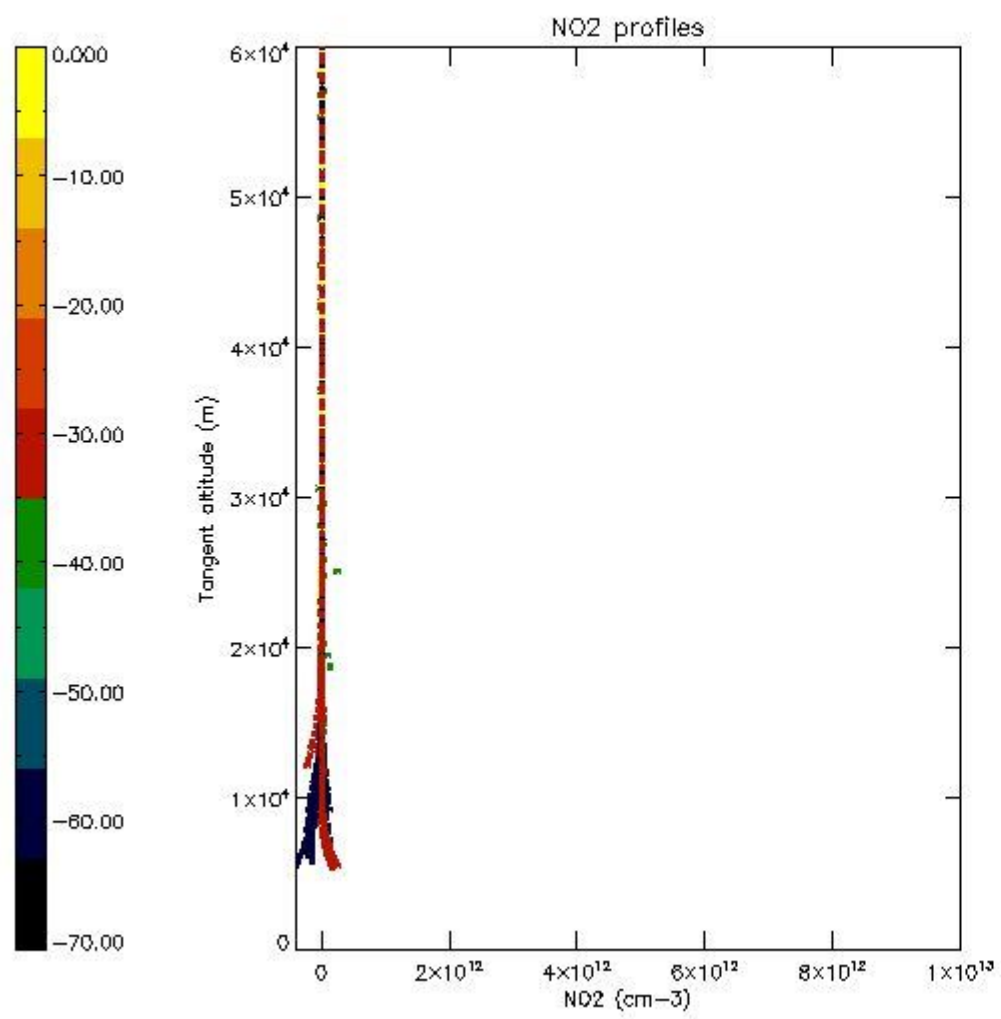
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



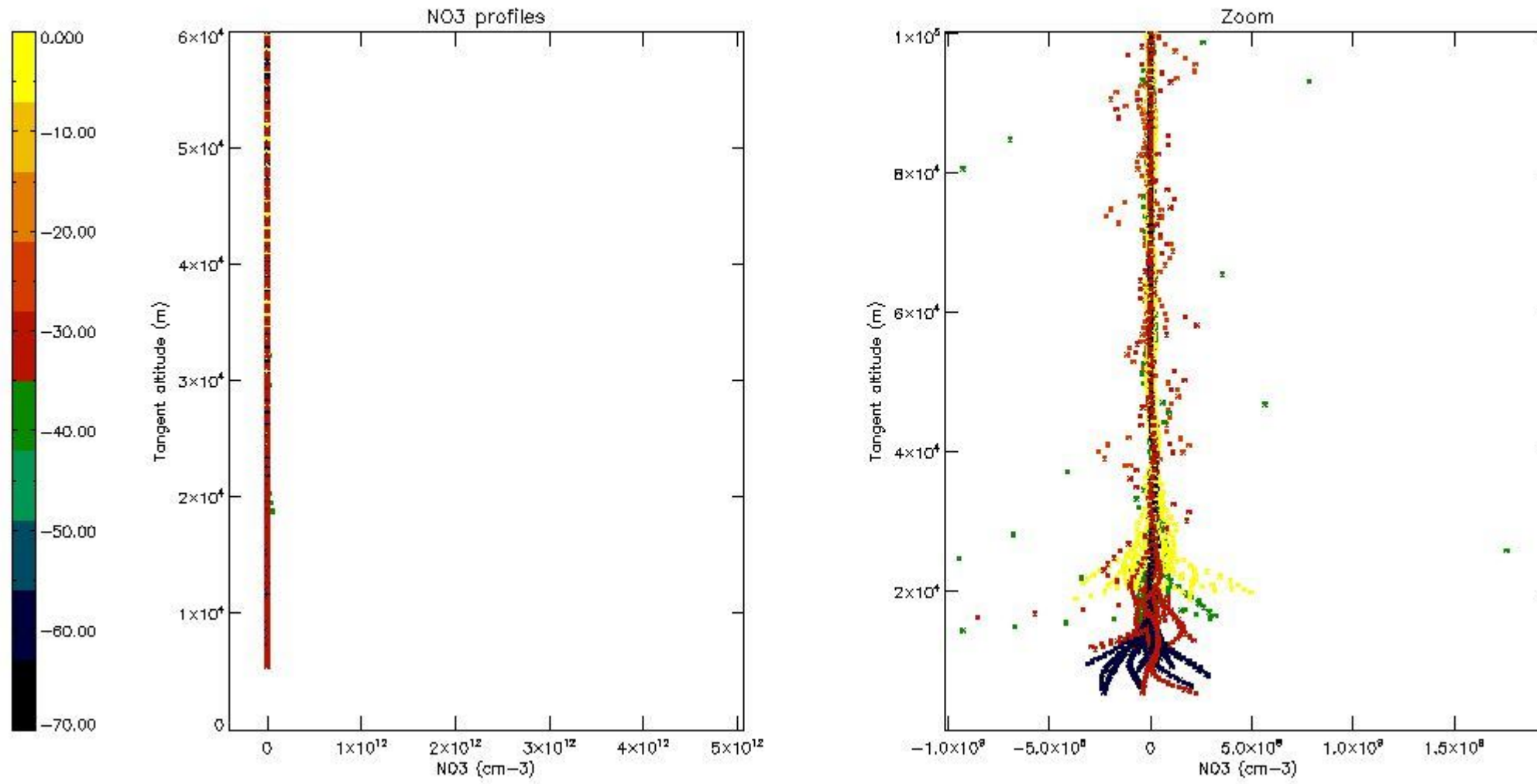
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	21-SEP-2009 00:06:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	21-SEP-2009 00:06:01
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	21-SEP-2009 00:06:01

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](#)

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

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

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

[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	26APR2013 12:54:05
Data source version	GOMOS/6.01
Start time of products	21-09-2009 (21SEP2009 00:00:00)
Stop time of products	22-09-2009 (22SEP2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	158
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__2PRFIN20090921_000601_00000502082_00388_39520_8165.N1	21-SEP-2009 00:06:01	Bright	50.000	24	66Alp Gem	1.5800	10200.	100	39520	No
2	GOM_NL__2PRFIN20090921_001515_00000592082_00388_39520_8166.N1	21-SEP-2009 00:15:15	Dark	58.500	8	10Alp CMi	0.40000	6500.0	117	39520	No
3	GOM_NL__2PRFIN20090921_002540_000000442082_00388_39520_8167.N1	21-SEP-2009 00:25:40	Dark	43.500	88	31Eta CMa	2.4480	20000.	87	39520	No
4	GOM_NL__2PRFIN20090921_002717_000000492082_00388_39520_8168.N1	21-SEP-2009 00:27:17	Dark	49.000	47	2Bet CMa	1.9760	28000.	98	39520	No
5	GOM_NL__2PRFIN20090921_003325_000000532082_00389_39521_8175.N1	21-SEP-2009 00:33:25	Dark	53.000	108	Alp Col	2.6520	15200.	106	39521	No
6	GOM_NL__2PRFIN20090921_004503_000000532082_00389_39521_8176.N1	21-SEP-2009 00:45:03	Straylight	53.000	157	The1Eri	2.9060	9300.0	106	39521	No
7	GOM_NL__2PRFIN20090921_005723_000000542082_00389_39521_8177.N1	21-SEP-2009 00:57:23	Twilight_stray	54.000	52	16Bet Cet	2.0370	4500.0	108	39521	No
8	GOM_NL__2PRFIN20090921_010857_000000462082_00389_39521_8178.N1	21-SEP-2009 01:08:57	Bright	45.500	140	88Gam Peg	2.8340	26000.	91	39521	No
9	GOM_NL__2PRFIN20090921_011318_000000442082_00389_39521_8179.N1	21-SEP-2009 01:13:18	Bright	43.500	58	21Alp And	2.0730	11000.	87	39521	No
10	GOM_NL__2PRFIN20090921_012142_000000402082_00389_39521_8180.N1	21-SEP-2009 01:21:42	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	39521	No
11	GOM_NL__2PRFIN20090921_012322_000000402082_00389_39521_8181.N1	21-SEP-2009 01:23:22	Bright	39.500	76	27Gam Cas	2.3000	30000.	79	39521	No
12	GOM_NL__2PRFIN20090921_014637_000000672082_00389_39521_8182.N1	21-SEP-2009 01:46:37	Bright	67.000	24	66Alp Gem	1.5800	10200.	134	39521	No
13	GOM_NL__2PRFIN20090921_015552_000000642082_00389_39521_8183.N1	21-SEP-2009 01:55:52	Dark	64.000	8	10Alp CMi	0.40000	6500.0	128	39521	No
14	GOM_NL__2PRFIN20090921_020617_000000452082_00389_39521_8184.N1	21-SEP-2009 02:06:17	Dark	45.000	88	31Eta CMa	2.4480	20000.	90	39521	No
15	GOM_NL__2PRFIN20090921_020755_000000492082_00389_39521_8185.N1	21-SEP-2009 02:07:55	Dark	49.000	47	2Bet CMa	1.9760	28000.	98	39521	No
16	GOM_NL__2PRFIN20090921_021402_000000542082_00390_39522_8192.N1	21-SEP-2009 02:14:02	Dark	53.500	108	Alp Col	2.6520	15200.	107	39522	No
17	GOM_NL__2PRFIN20090921_022540_000000532082_00390_39522_8193.N1	21-SEP-2009 02:25:40	Straylight	52.500	157	The1Eri	2.9060	9300.0	105	39522	No
18	GOM_NL__2PRFIN20090921_023800_000000542082_00390_39522_8194.N1	21-SEP-2009 02:38:00	Twilight_stray	54.000	52	16Bet Cet	2.0370	4500.0	108	39522	No
19	GOM_NL__2PRFIN20090921_024932_000000452082_00390_39522_8195.N1	21-SEP-2009 02:49:32	Bright	45.000	140	88Gam Peg	2.8340	26000.	90	39522	No
20	GOM_NL__2PRFIN20090921_025353_000000442082_00390_39522_8196.N1	21-SEP-2009 02:53:53	Bright	44.000	58	21Alp And	2.0730	11000.	88	39522	No
21	GOM_NL__2PRFIN20090921_030218_000000372082_00390_39522_8197.N1	21-SEP-2009 03:02:18	Bright	36.500	74	11Bet Cas	2.2680	6600.0	73	39522	No
22	GOM_NL__2PRFIN20090921_030357_000000422082_00390_39522_8198.N1	21-SEP-2009 03:03:57	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	39522	No
23	GOM_NL__2PRFIN20090921_032713_000000482082_00390_39522_8199.N1	21-SEP-2009 03:27:13	Bright	47.500	24	66Alp Gem	1.5800	10200.	95	39522	No
24	GOM_NL__2PRFIN20090921_033628_000000592082_00390_39522_8200.N1	21-SEP-2009 03:36:28	Dark	58.500	8	10Alp CMi	0.40000	6500.0	117	39522	No
25	GOM_NL__2PRFIN20090921_034654_000000472082_00390_39522_8201.N1	21-SEP-2009 03:46:54	Dark	47.000	88	31Eta CMa	2.4480	20000.	94	39522	No
26	GOM_NL__2PRFIN20090921_034832_000000432082_00390_39522_8202.N1	21-SEP-2009 03:48:32	Dark	43.000	47	2Bet CMa	1.9760	28000.	86	39522	No
27	GOM_NL__2PRFIN20090921_035440_000000542082_00391_39523_8206.N1	21-SEP-2009 03:54:40	Dark	54.000	108	Alp Col	2.6520	15200.	108	39523	No
28	GOM_NL__2PRFIN20090921_040617_000000542082_00391_39523_8207.N1	21-SEP-2009 04:06:17	Straylight	54.000	157	The1Eri	2.9060	9300.0	108	39523	No
29	GOM_NL__2PRFIN20090921_041836_000000542082_00391_39523_8208.N1	21-SEP-2009 04:18:36	Twilight_stray	53.500	52	16Bet Cet	2.0370	4500.0	107	39523	No
30	GOM_NL__2PRFIN20090921_043008_000000452082_00391_39523_8209.N1	21-SEP-2009 04:30:08	Bright	45.000	140	88Gam Peg	2.8340	26000.	90	39523	No
31	GOM_NL__2PRFIN20090921_043429_000000442082_00391_39523_8210.N1	21-SEP-2009 04:34:29	Bright	43.500	58	21Alp And	2.0730	11000.	87	39523	No
32	GOM_NL__2PRFIN20090921_044254_000000402082_00391_39523_8211.N1	21-SEP-2009 04:42:54	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	39523	No
33	GOM_NL__2PRFIN20090921_044432_000000422082_00391_39523_8212.N1	21-SEP-2009 04:44:32	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	39523	No
34	GOM_NL__2PRFIN20090921_050749_000000672082_00391_39523_8213.N1	21-SEP-2009 05:07:49	Bright	67.000	24	66Alp Gem	1.5800	10200.	134	39523	No
35	GOM_NL__2PRFIN20090921_051705_000000572082_00391_39523_8214.N1	21-SEP-2009 05:17:05	Dark	56.500	8	10Alp CMi	0.40000	6500.0	113	39523	No
36	GOM_NL__2PRFIN20090921_052731_000000452082_00391_39523_8215.N1	21-SEP-2009 05:27:31	Dark	45.000	88	31Eta CMa	2.4480	20000.	90	39523	No
37	GOM_NL__2PRFIN20090921_052910_000000432082_00391_39523_8216.N1	21-SEP-2009 05:29:10	Dark	43.000	47	2Bet CMa	1.9760	28000.	86	39523	No
38	GOM_NL__2PRFIN20090921_053517_000000552082_00392_39524_8220.N1	21-SEP-2009 05:35:17	Dark	54.500	108	Alp Col	2.6520	15200.	109	39524	No
39	GOM_NL__2PRFIN20090921_054654_000000542082_00392_39524_8221.N1	21-SEP-2009 05:46:54	Straylight	53.500	157	The1Eri	2.9060	9300.0	107	39524	No
40	GOM_NL__2PRFIN20090921_055912_000000542082_00392_39524_8222.N1	21-SEP-2009 05:59:12	Twilight_stray	53.500	52	16Bet Cet	2.0370	4500.0	107	39524	No
41	GOM_NL__2PRFIN20090921_061043_000000452082_00392_39524_8223.N1	21-SEP-2009 06:10:43	Bright	45.000	140	88Gam Peg	2.8340	26000.	90	39524	No
42	GOM_NL__2PRFIN20090921_061504_000000442082_00392_39524_8224.N1	21-SEP-2009 06:15:04	Bright	44.000	58	21Alp And	2.0730	11000.	88	39524	No

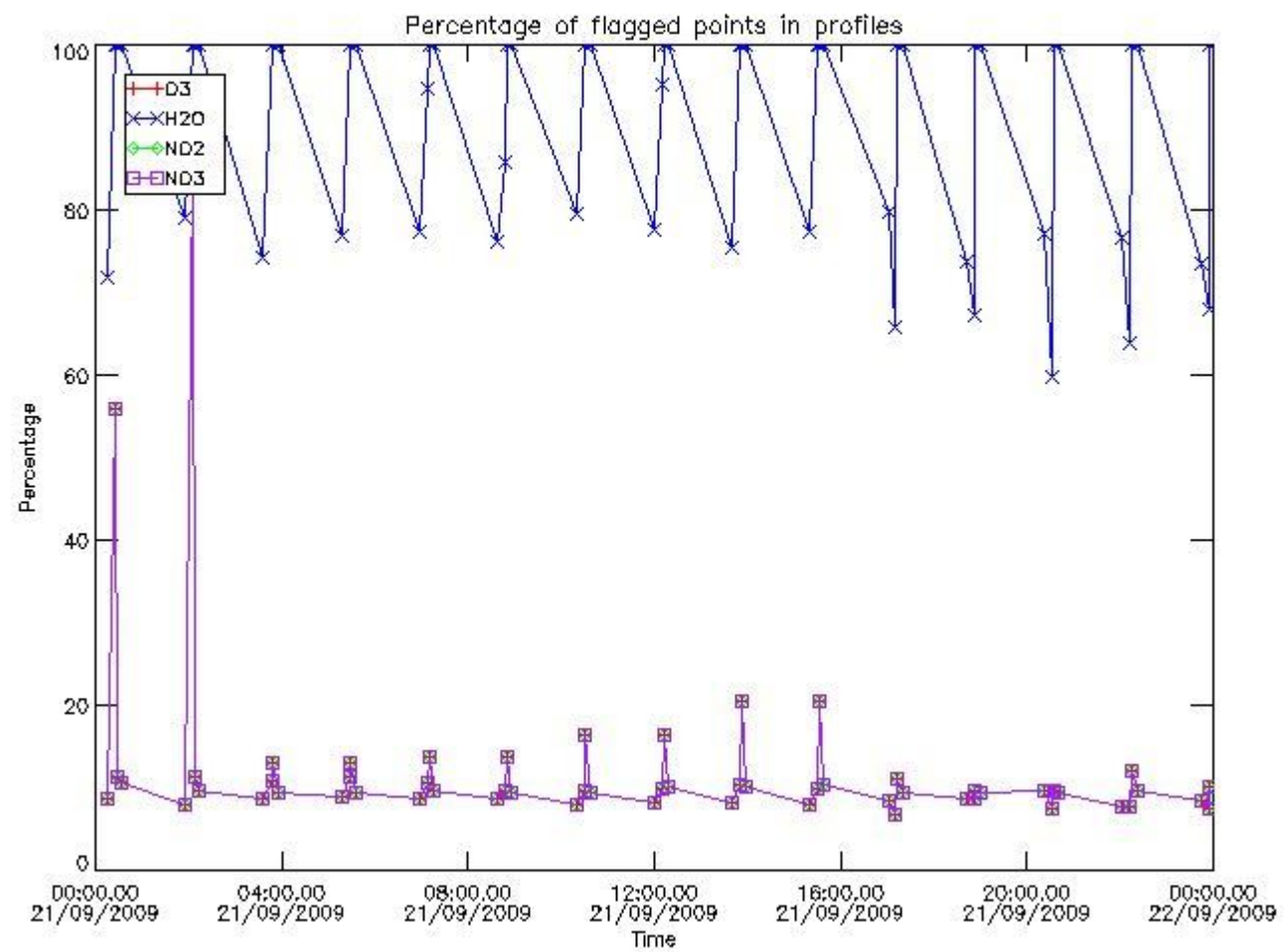
43	GOM_NL__2PRFIN20090921_062329_000000402082_00392_39524_8225.N1	21-SEP-2009 06:23:29	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	39524	No
44	GOM_NL__2PRFIN20090921_062508_000000422082_00392_39524_8226.N1	21-SEP-2009 06:25:08	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	39524	No
45	GOM_NL__2PRFIN20090921_064825_000000512082_00392_39524_8227.N1	21-SEP-2009 06:48:25	Bright	51.000	24	66Alp Gem	1.5800	10200.	102	39524	No
46	GOM_NL__2PRFIN20090921_065742_000000582082_00392_39524_8228.N1	21-SEP-2009 06:57:42	Dark	58.000	8	10Alp CMi	0.40000	6500.0	116	39524	No
47	GOM_NL__2PRFIN20090921_070817_000000492082_00392_39524_8229.N1	21-SEP-2009 07:08:17	Dark	48.500	37	25Del CMa	1.8300	5900.0	97	39524	No
48	GOM_NL__2PRFIN20090921_070947_000000372082_00392_39524_8230.N1	21-SEP-2009 07:09:47	Dark	37.000	47	2Bet CMa	1.9760	28000.	74	39524	No
49	GOM_NL__2PRFIN20090921_071554_000000542082_00393_39525_8235.N1	21-SEP-2009 07:15:54	Dark	53.500	108	Alp Col	2.6520	15200.	107	39525	No
50	GOM_NL__2PRFIN20090921_072730_000000532082_00393_39525_8236.N1	21-SEP-2009 07:27:30	Straylight	52.500	157	The1Eri	2.9060	9300.0	105	39525	No
51	GOM_NL__2PRFIN20090921_073948_000000522082_00393_39525_8237.N1	21-SEP-2009 07:39:48	Twi_and_stray	52.000	52	16Bet Cet	2.0370	4500.0	104	39525	No
52	GOM_NL__2PRFIN20090921_075119_000000452082_00393_39525_8238.N1	21-SEP-2009 07:51:19	Bright	45.000	140	88Gam Peg	2.8340	26000.	90	39525	No
53	GOM_NL__2PRFIN20090921_075540_000000442082_00393_39525_8239.N1	21-SEP-2009 07:55:40	Bright	44.000	58	21Alp And	2.0730	11000.	88	39525	No
54	GOM_NL__2PRFIN20090921_080405_000000402082_00393_39525_8240.N1	21-SEP-2009 08:04:05	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	39525	No
55	GOM_NL__2PRFIN20090921_080543_000000422082_00393_39525_8241.N1	21-SEP-2009 08:05:43	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	39525	No
56	GOM_NL__2PRFIN20090921_082902_000000672082_00393_39525_8242.N1	21-SEP-2009 08:29:02	Bright	67.000	24	66Alp Gem	1.5800	10200.	134	39525	No
57	GOM_NL__2PRFIN20090921_083818_000000592082_00393_39525_8243.N1	21-SEP-2009 08:38:18	Dark	59.000	8	10Alp CMi	0.40000	6500.0	118	39525	No
58	GOM_NL__2PRFIN20090921_084854_000000532082_00393_39525_8244.N1	21-SEP-2009 08:48:54	Dark	53.000	37	25Del CMa	1.8300	5900.0	106	39525	No
59	GOM_NL__2PRFIN20090921_085025_000000372082_00393_39525_8245.N1	21-SEP-2009 08:50:25	Dark	37.000	47	2Bet CMa	1.9760	28000.	74	39525	No
60	GOM_NL__2PRFIN20090921_085632_000000542082_00394_39526_8250.N1	21-SEP-2009 08:56:32	Dark	54.000	108	Alp Col	2.6520	15200.	108	39526	No
61	GOM_NL__2PRFIN20090921_090808_000000532082_00394_39526_8251.N1	21-SEP-2009 09:08:08	Straylight	53.000	157	The1Eri	2.9060	9300.0	106	39526	No
62	GOM_NL__2PRFIN20090921_092024_000000532082_00394_39526_8252.N1	21-SEP-2009 09:20:24	Twi_and_stray	52.500	52	16Bet Cet	2.0370	4500.0	105	39526	No
63	GOM_NL__2PRFIN20090921_093155_000000462082_00394_39526_8253.N1	21-SEP-2009 09:31:55	Bright	45.500	140	88Gam Peg	2.8340	26000.	91	39526	No
64	GOM_NL__2PRFIN20090921_093615_000000452082_00394_39526_8254.N1	21-SEP-2009 09:36:15	Bright	44.500	58	21Alp And	2.0730	11000.	89	39526	No
65	GOM_NL__2PRFIN20090921_094440_000000402082_00394_39526_8255.N1	21-SEP-2009 09:44:40	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	39526	No
66	GOM_NL__2PRFIN20090921_094619_000000432082_00394_39526_8256.N1	21-SEP-2009 09:46:19	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	39526	No
67	GOM_NL__2PRFIN20090921_100938_000000492082_00394_39526_8257.N1	21-SEP-2009 10:09:38	Bright	49.000	24	66Alp Gem	1.5800	10200.	98	39526	No
68	GOM_NL__2PRFIN20090921_101855_000000642082_00394_39526_8258.N1	21-SEP-2009 10:18:55	Dark	64.000	8	10Alp CMi	0.40000	6500.0	128	39526	No
69	GOM_NL__2PRFIN20090921_102931_000000532082_00394_39526_8259.N1	21-SEP-2009 10:29:31	Dark	52.500	37	25Del CMa	1.8300	5900.0	105	39526	No
70	GOM_NL__2PRFIN20090921_103102_000000312082_00394_39526_8260.N1	21-SEP-2009 10:31:02	Dark	31.000	47	2Bet CMa	1.9760	28000.	62	39526	No
71	GOM_NL__2PRFIN20090921_103709_000000542082_00395_39527_8285.N1	21-SEP-2009 10:37:09	Dark	54.000	108	Alp Col	2.6520	15200.	108	39527	No
72	GOM_NL__2PRFIN20090921_104844_000000532082_00395_39527_8286.N1	21-SEP-2009 10:48:44	Straylight	52.500	157	The1Eri	2.9060	9300.0	105	39527	No
73	GOM_NL__2PRFIN20090921_110100_000000542082_00395_39527_8287.N1	21-SEP-2009 11:01:00	Twi_and_stray	53.500	52	16Bet Cet	2.0370	4500.0	107	39527	No
74	GOM_NL__2PRFIN20090921_111230_000000452082_00395_39527_8288.N1	21-SEP-2009 11:12:30	Bright	45.000	140	88Gam Peg	2.8340	26000.	90	39527	No
75	GOM_NL__2PRFIN20090921_111650_000000442082_00395_39527_8289.N1	21-SEP-2009 11:16:50	Bright	43.500	58	21Alp And	2.0730	11000.	87	39527	No
76	GOM_NL__2PRFIN20090921_112516_000000422082_00395_39527_8290.N1	21-SEP-2009 11:25:16	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	39527	No
77	GOM_NL__2PRFIN20090921_112654_000000422082_00395_39527_8291.N1	21-SEP-2009 11:26:54	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	39527	No
78	GOM_NL__2PRFIN20090921_115014_000000472082_00395_39527_8292.N1	21-SEP-2009 11:50:14	Bright	46.500	24	66Alp Gem	1.5800	10200.	93	39527	No
79	GOM_NL__2PRFIN20090921_115931_000000632082_00395_39527_8293.N1	21-SEP-2009 11:59:31	Dark	63.000	8	10Alp CMi	0.40000	6500.0	126	39527	No
80	GOM_NL__2PRFIN20090921_121007_000000522082_00395_39527_8294.N1	21-SEP-2009 12:10:07	Dark	51.500	37	25Del CMa	1.8300	5900.0	103	39527	No
81	GOM_NL__2PRFIN20090921_121140_000000312082_00395_39527_8295.N1	21-SEP-2009 12:11:40	Dark	31.000	47	2Bet CMa	1.9760	28000.	62	39527	No
82	GOM_NL__2PRFIN20090921_121746_000000562082_00396_39528_8299.N1	21-SEP-2009 12:17:46	Dark	55.500	108	Alp Col	2.6520	15200.	111	39528	No
83	GOM_NL__2PRFIN20090921_122921_000000532082_00396_39528_8300.N1	21-SEP-2009 12:29:21	Straylight	53.000	157	The1Eri	2.9060	9300.0	106	39528	No
84	GOM_NL__2PRFIN20090921_124136_000000522082_00396_39528_8301.N1	21-SEP-2009 12:41:36	Twi_and_stray	52.000	52	16Bet Cet	2.0370	4500.0	104	39528	No
85	GOM_NL__2PRFIN20090921_125305_000000452082_00396_39528_8302.N1	21-SEP-2009 12:53:05	Bright	44.500	140	88Gam Peg	2.8340	26000.	89	39528	No
86	GOM_NL__2PRFIN20090921_125726_000000432082_00396_39528_8303.N1	21-SEP-2009 12:57:26	Bright	42.500	58	21Alp And	2.0730	11000.	85	39528	No
87	GOM_NL__2PRFIN20090921_130552_000000412082_00396_39528_8304.N1	21-SEP-2009 13:05:52	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	39528	No
88	GOM_NL__2PRFIN20090921_130729_000000432082_00396_39528_8305.N1	21-SEP-2009 13:07:29	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	39528	No
89	GOM_NL__2PRFIN20090921_133050_000000472082_00396_39528_8306.N1	21-SEP-2009 13:30:50	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	39528	No
90	GOM_NL__2PRFIN20090921_134008_000000622082_00396_39528_8307.N1	21-SEP-2009 13:40:08	Dark	61.500	8	10Alp CMi	0.40000	6500.0	123	39528	No
91	GOM_NL__2PRFIN20090921_135044_000000492082_00396_39528_8308.N1	21-SEP-2009 13:50:44	Dark	49.000	37	25Del CMa	1.8300	5900.0	98	39528	No
92	GOM_NL__2PRFIN20090921_135217_000000252082_00396_39528_8309.N1	21-SEP-2009 13:52:17	Dark	25.000	47	2Bet CMa	1.9760	28000.	50	39528	No
93	GOM_NL__2PRFIN20090921_135823_000000562082_00397_39529_8313.N1	21-SEP-2009 13:58:23	Dark	55.500	108	Alp Col	2.6520	15200.	111	39529	No
94	GOM_NL__2PRFIN20090921_140958_000000532082_00397_39529_8314.N1	21-SEP-2009 14:09:58	Straylight	52.500	157	The1Eri	2.9060	9300.0	105	39529	No
95	GOM_NL__2PRFIN20090921_142212_000000532082_00397_39529_8315.N1	21-SEP-2009 14:22:12	Twi_and_stray	53.000	52	16Bet Cet	2.0370	4500.0	106	39529	No
96	GOM_NL__2PRFIN20090921_143341_000000452082_00397_39529_8316.N1	21-SEP-2009 14:33:41	Bright	44.500	140	88Gam Peg	2.8340	26000.	89	39529	No
97	GOM_NL__2PRFIN20090921_143801_000000642082_00397_39529_8317.N1	21-SEP-2009 14:38:01	Bright	64.000	58	21Alp And	2.0730	11000.	128	39529	No
98	GOM_NL__2PRFIN20090921_144627_000000402082_00397_39529_8318.N1	21-SEP-2009 14:46:27	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	39529	No
99	GOM_NL__2PRFIN20090921_144805_000000422082_00397_39529_8319.N1	21-SEP-2009 14:48:05	Bright	42.000	76	27Gam Cas	2.3000	30000.	84	39529	No
100	GOM_NL__2PRFIN20090921_151126_000000472082_00397_39529_8320.N1	21-SEP-2009 15:11:26	Bright	47.000	24	66Alp Gem	1.5800	10200.	94	39529	No
101	GOM_NL__2PRFIN20090921_152044_000000652082_00397_39529_8321.N1	21-SEP-2009 15:20:44	Dark	64.500	8	10Alp CMi	0.40000	6500.0	129	39529	No

102	GOM_NL__2PRFIN20090921_153121_000000512082_00397_39529_8322.N1	21-SEP-2009 15:31:21	Dark	51.000	37	25Del CMa	1.8300	5900.0	102	39529	No
103	GOM_NL__2PRFIN20090921_153255_000000252082_00397_39529_8323.N1	21-SEP-2009 15:32:55	Dark	25.000	47	2Bet CMa	1.9760	28000.	50	39529	No
104	GOM_NL__2PRFIN20090921_153901_000000552082_00398_39530_8327.N1	21-SEP-2009 15:39:01	Dark	54.500	108	Alp Col	2.6520	15200.	109	39530	No
105	GOM_NL__2PRFIN20090921_155035_000000532082_00398_39530_8328.N1	21-SEP-2009 15:50:35	Straylight	53.000	157	The1Eri	2.9060	9300.0	106	39530	No
106	GOM_NL__2PRFIN20090921_160248_000000532082_00398_39530_8329.N1	21-SEP-2009 16:02:48	Twi_and_stray	52.500	52	16Bet Cet	2.0370	4500.0	105	39530	No
107	GOM_NL__2PRFIN20090921_161416_000000442082_00398_39530_8330.N1	21-SEP-2009 16:14:16	Bright	43.500	140	88Gam Peg	2.8340	26000.	87	39530	No
108	GOM_NL__2PRFIN20090921_161837_000000642082_00398_39530_8331.N1	21-SEP-2009 16:18:37	Bright	64.000	58	21Alp And	2.0730	11000.	128	39530	No
109	GOM_NL__2PRFIN20090921_162703_000000402082_00398_39530_8332.N1	21-SEP-2009 16:27:03	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	39530	No
110	GOM_NL__2PRFIN20090921_162840_000000422082_00398_39530_8333.N1	21-SEP-2009 16:28:40	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	39530	No
111	GOM_NL__2PRFIN20090921_165202_000000522082_00398_39530_8334.N1	21-SEP-2009 16:52:02	Bright	52.000	24	66Alp Gem	1.5800	10200.	104	39530	No
112	GOM_NL__2PRFIN20090921_170121_000000602082_00398_39530_8335.N1	21-SEP-2009 17:01:21	Dark	60.000	8	10Alp CMi	0.40000	6500.0	120	39530	No
113	GOM_NL__2PRFIN20090921_171116_000000752082_00398_39530_8336.N1	21-SEP-2009 17:11:16	Dark	75.000	1	9Alp CMa	-1.4400	11000.	150	39530	No
114	GOM_NL__2PRFIN20090921_171307_000000462082_00398_39530_8337.N1	21-SEP-2009 17:13:07	Dark	46.000	23	21Eps CMa	1.5020	26000.	92	39530	No
115	GOM_NL__2PRFIN20090921_171938_000000552082_00399_39531_8347.N1	21-SEP-2009 17:19:38	Dark	54.500	108	Alp Col	2.6520	15200.	109	39531	No
116	GOM_NL__2PRFIN20090921_173112_000000532082_00399_39531_8348.N1	21-SEP-2009 17:31:12	Straylight	52.500	157	The1Eri	2.9060	9300.0	105	39531	No
117	GOM_NL__2PRFIN20090921_174324_000000532082_00399_39531_8349.N1	21-SEP-2009 17:43:24	Twi_and_stray	52.500	52	16Bet Cet	2.0370	4500.0	105	39531	No
118	GOM_NL__2PRFIN20090921_175452_000000452082_00399_39531_8350.N1	21-SEP-2009 17:54:52	Bright	44.500	140	88Gam Peg	2.8340	26000.	89	39531	No
119	GOM_NL__2PRFIN20090921_175912_000000642082_00399_39531_8351.N1	21-SEP-2009 17:59:12	Bright	64.000	58	21Alp And	2.0730	11000.	128	39531	No
120	GOM_NL__2PRFIN20090921_180738_000000402082_00399_39531_8352.N1	21-SEP-2009 18:07:38	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	39531	No
121	GOM_NL__2PRFIN20090921_180916_000000422082_00399_39531_8353.N1	21-SEP-2009 18:09:16	Bright	41.500	76	27Gam Cas	2.3000	30000.	83	39531	No
122	GOM_NL__2PRFIN20090921_183238_000000502082_00399_39531_8354.N1	21-SEP-2009 18:32:38	Bright	49.500	24	66Alp Gem	1.5800	10200.	99	39531	No
123	GOM_NL__2PRFIN20090921_184158_000000602082_00399_39531_8355.N1	21-SEP-2009 18:41:58	Dark	59.500	8	10Alp CMi	0.40000	6500.0	119	39531	No
124	GOM_NL__2PRFIN20090921_185154_000000592082_00399_39531_8356.N1	21-SEP-2009 18:51:54	Dark	58.500	1	9Alp CMa	-1.4400	11000.	117	39531	No
125	GOM_NL__2PRFIN20090921_185344_000000532082_00399_39531_8357.N1	21-SEP-2009 18:53:44	Dark	52.500	23	21Eps CMa	1.5020	26000.	105	39531	No
126	GOM_NL__2PRFIN20090921_190015_000000552082_00400_39532_8378.N1	21-SEP-2009 19:00:15	Dark	54.500	108	Alp Col	2.6520	15200.	109	39532	No
127	GOM_NL__2PRFIN20090921_191149_000000522082_00400_39532_8379.N1	21-SEP-2009 19:11:49	Straylight	52.000	157	The1Eri	2.9060	9300.0	104	39532	No
128	GOM_NL__2PRFIN20090921_192400_000000532082_00400_39532_8380.N1	21-SEP-2009 19:24:00	Twi_and_stray	53.000	52	16Bet Cet	2.0370	4500.0	106	39532	No
129	GOM_NL__2PRFIN20090921_193527_000000452082_00400_39532_8381.N1	21-SEP-2009 19:35:27	Bright	44.500	140	88Gam Peg	2.8340	26000.	89	39532	No
130	GOM_NL__2PRFIN20090921_193948_000000442082_00400_39532_8382.N1	21-SEP-2009 19:39:48	Bright	44.000	58	21Alp And	2.0730	11000.	88	39532	No
131	GOM_NL__2PRFIN20090921_194814_000000412082_00400_39532_8383.N1	21-SEP-2009 19:48:14	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	39532	No
132	GOM_NL__2PRFIN20090921_194951_000000432082_00400_39532_8384.N1	21-SEP-2009 19:49:51	Bright	42.500	76	27Gam Cas	2.3000	30000.	85	39532	No
133	GOM_NL__2PRFIN20090921_201314_000000492082_00400_39532_8385.N1	21-SEP-2009 20:13:14	Bright	48.500	24	66Alp Gem	1.5800	10200.	97	39532	No
134	GOM_NL__2PRFIN20090921_202235_000000582082_00400_39532_8386.N1	21-SEP-2009 20:22:35	Dark	57.500	8	10Alp CMi	0.40000	6500.0	115	39532	No
135	GOM_NL__2PRFIN20090921_203231_000000682082_00400_39532_8387.N1	21-SEP-2009 20:32:31	Dark	67.500	1	9Alp CMa	-1.4400	11000.	135	39532	No
136	GOM_NL__2PRFIN20090921_203421_000000542082_00400_39532_8388.N1	21-SEP-2009 20:34:21	Dark	53.500	23	21Eps CMa	1.5020	26000.	107	39532	No
137	GOM_NL__2PRFIN20090921_204053_000000552082_00401_39533_8381.N1	21-SEP-2009 20:40:53	Dark	54.500	108	Alp Col	2.6520	15200.	109	39533	No
138	GOM_NL__2PRFIN20090921_205225_000000522082_00401_39533_8382.N1	21-SEP-2009 20:52:25	Straylight	51.500	157	The1Eri	2.9060	9300.0	103	39533	No
139	GOM_NL__2PRFIN20090921_210436_000000512082_00401_39533_8383.N1	21-SEP-2009 21:04:36	Twi_and_stray	50.500	52	16Bet Cet	2.0370	4500.0	101	39533	No
140	GOM_NL__2PRFIN20090921_211603_000000442082_00401_39533_8384.N1	21-SEP-2009 21:16:03	Bright	44.000	140	88Gam Peg	2.8340	26000.	88	39533	No
141	GOM_NL__2PRFIN20090921_212023_000000422082_00401_39533_8385.N1	21-SEP-2009 21:20:23	Bright	42.000	58	21Alp And	2.0730	11000.	84	39533	No
142	GOM_NL__2PRFIN20090921_212849_000000402082_00401_39533_8386.N1	21-SEP-2009 21:28:49	Bright	40.000	74	11Bet Cas	2.2680	6600.0	80	39533	No
143	GOM_NL__2PRFIN20090921_213027_000000432082_00401_39533_8387.N1	21-SEP-2009 21:30:27	Bright	43.000	76	27Gam Cas	2.3000	30000.	86	39533	No
144	GOM_NL__2PRFIN20090921_215350_000000502082_00401_39533_8388.N1	21-SEP-2009 21:53:50	Bright	50.000	24	66Alp Gem	1.5800	10200.	100	39533	No
145	GOM_NL__2PRFIN20090921_220311_000000662082_00401_39533_8389.N1	21-SEP-2009 22:03:11	Dark	66.000	8	10Alp CMi	0.40000	6500.0	132	39533	No
146	GOM_NL__2PRFIN20090921_221308_000000662082_00401_39533_8390.N1	21-SEP-2009 22:13:08	Dark	65.500	1	9Alp CMa	-1.4400	11000.	131	39533	No
147	GOM_NL__2PRFIN20090921_221457_000000512082_00401_39533_8391.N1	21-SEP-2009 22:14:57	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	39533	No
148	GOM_NL__2PRFIN20090921_222130_000000542082_00402_39534_8396.N1	21-SEP-2009 22:21:30	Dark	53.500	108	Alp Col	2.6520	15200.	107	39534	No
149	GOM_NL__2PRFIN20090921_223302_000000522082_00402_39534_8397.N1	21-SEP-2009 22:33:02	Straylight	52.000	157	The1Eri	2.9060	9300.0	104	39534	No
150	GOM_NL__2PRFIN20090921_224512_000000542082_00402_39534_8398.N1	21-SEP-2009 22:45:12	Twi_and_stray	53.500	52	16Bet Cet	2.0370	4500.0	107	39534	No
151	GOM_NL__2PRFIN20090921_225638_000000442082_00402_39534_8399.N1	21-SEP-2009 22:56:38	Bright	44.000	140	88Gam Peg	2.8340	26000.	88	39534	No
152	GOM_NL__2PRFIN20090921_230058_000000432082_00402_39534_8400.N1	21-SEP-2009 23:00:58	Bright	42.500	58	21Alp And	2.0730	11000.	85	39534	No
153	GOM_NL__2PRFIN20090921_230925_000000402082_00402_39534_8401.N1	21-SEP-2009 23:09:25	Bright	39.500	74	11Bet Cas	2.2680	6600.0	79	39534	No
154	GOM_NL__2PRFIN20090921_231102_000000522082_00402_39534_8402.N1	21-SEP-2009 23:11:02	Bright	51.500	76	27Gam Cas	2.3000	30000.	103	39534	No
155	GOM_NL__2PRFIN20090921_233426_000000482082_00402_39534_8403.N1	21-SEP-2009 23:34:26	Bright	47.500	24	66Alp Gem	1.5800	10200.	95	39534	No
156	GOM_NL__2PRFIN20090921_234347_000000612082_00402_39534_8404.N1	21-SEP-2009 23:43:47	Dark	60.500	8	10Alp CMi	0.40000	6500.0	121	39534	No
157	GOM_NL__2PRFIN20090921_235345_000000762082_00402_39534_8405.N1	21-SEP-2009 23:53:45	Dark	75.500	1	9Alp CMa	-1.4400	11000.	151	39534	No
158	GOM_NL__2PRFIN20090921_235534_000000512082_00402_39534_8406.N1	21-SEP-2009 23:55:34	Dark	50.500	23	21Eps CMa	1.5020	26000.	101	39534	No

3. Quality information per product

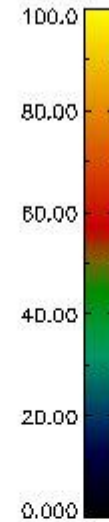
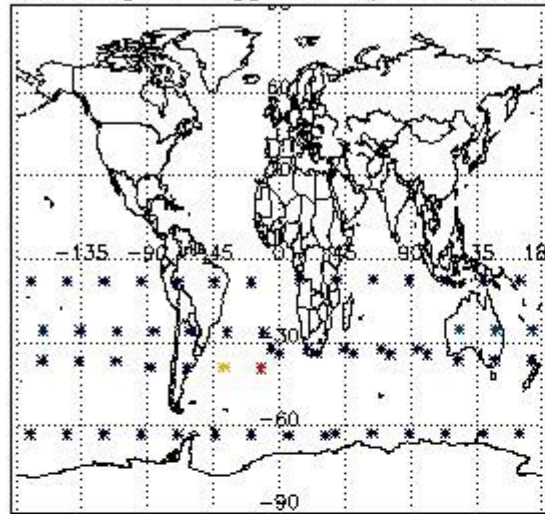
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

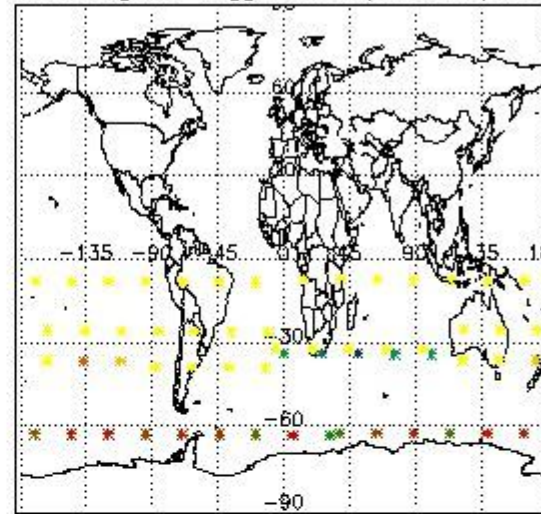


3.2 Plot quality information per product (world map)

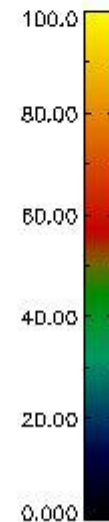
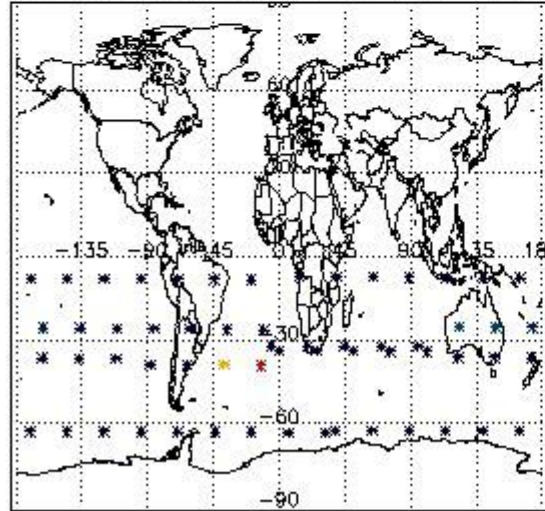
Percentage of flagged data per O3 profile



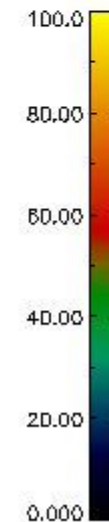
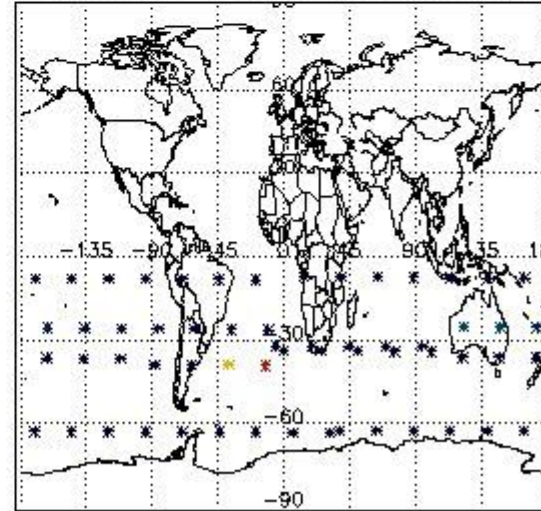
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

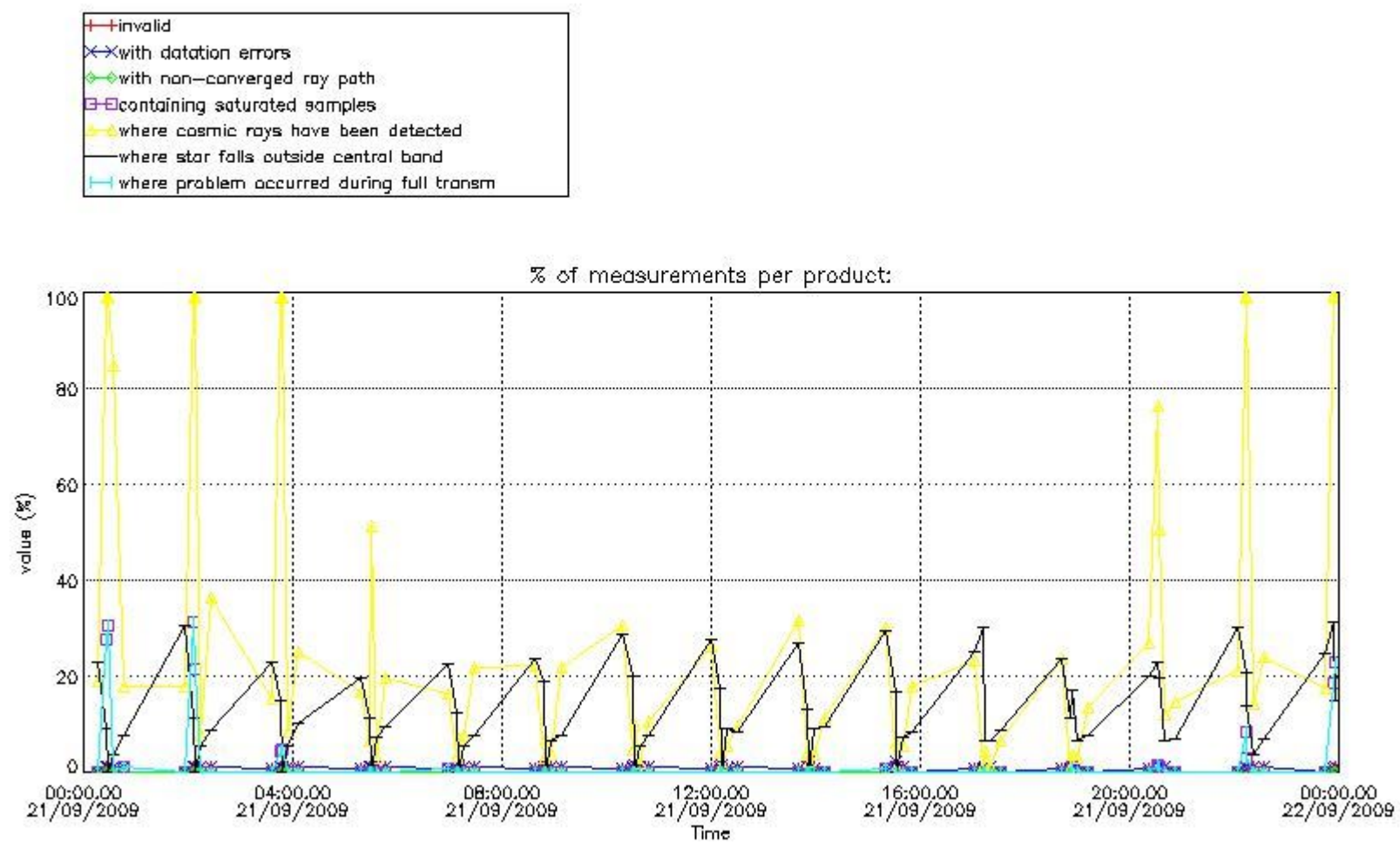


4. Level 1 quality information per product

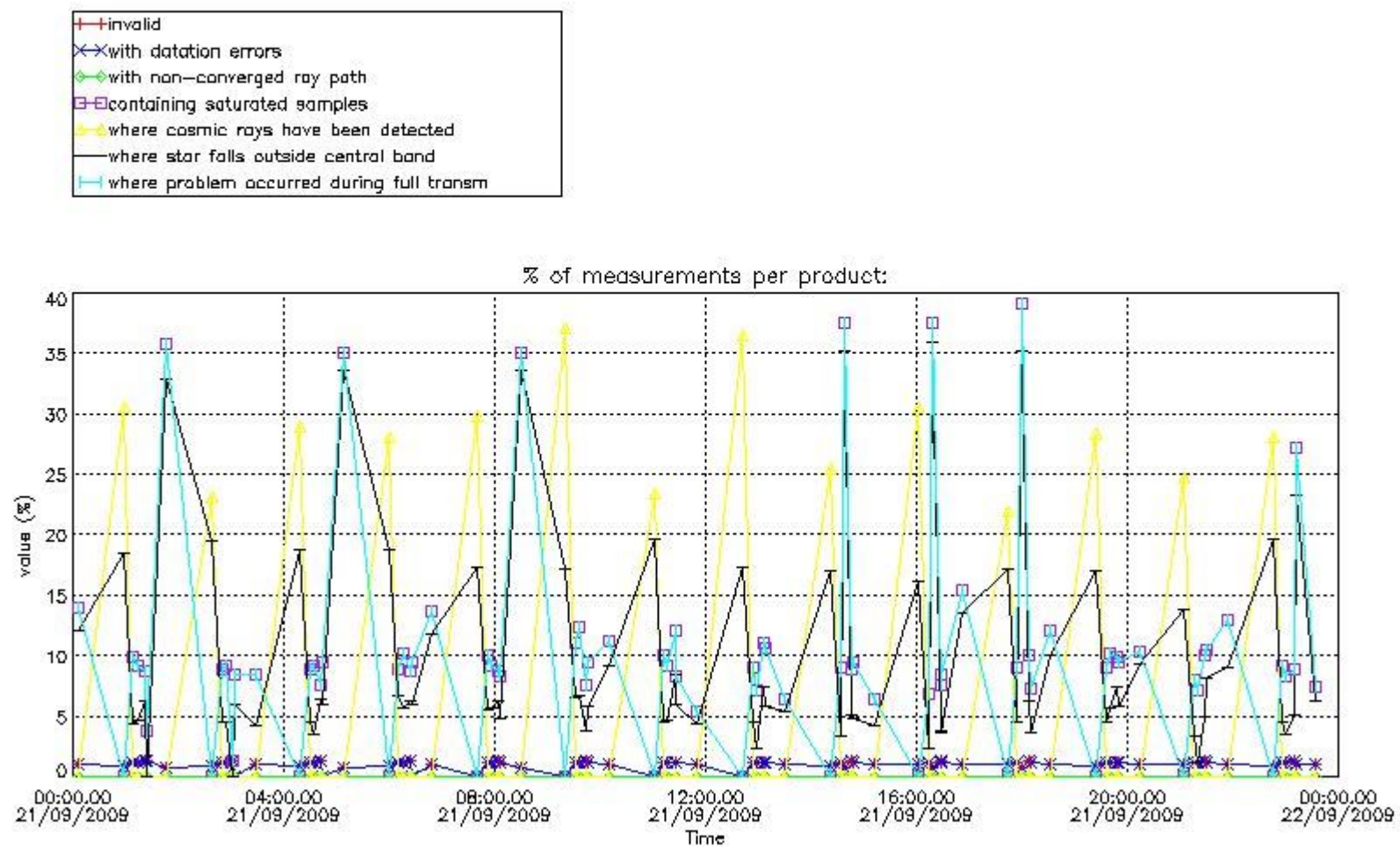
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

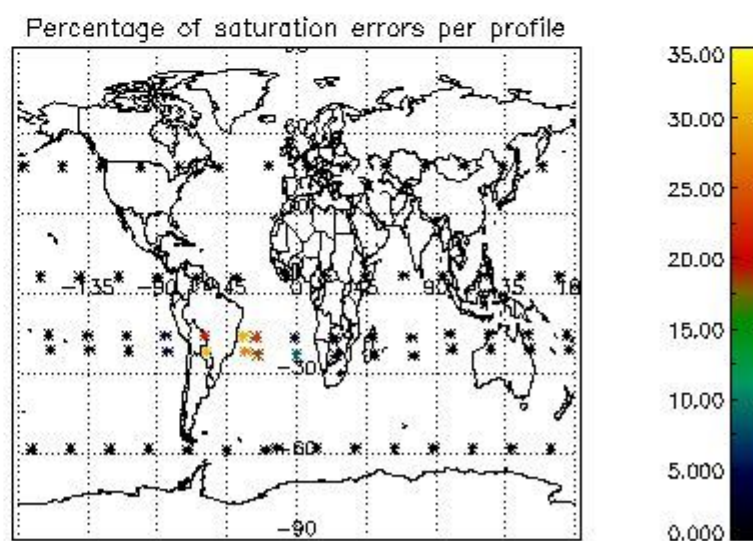
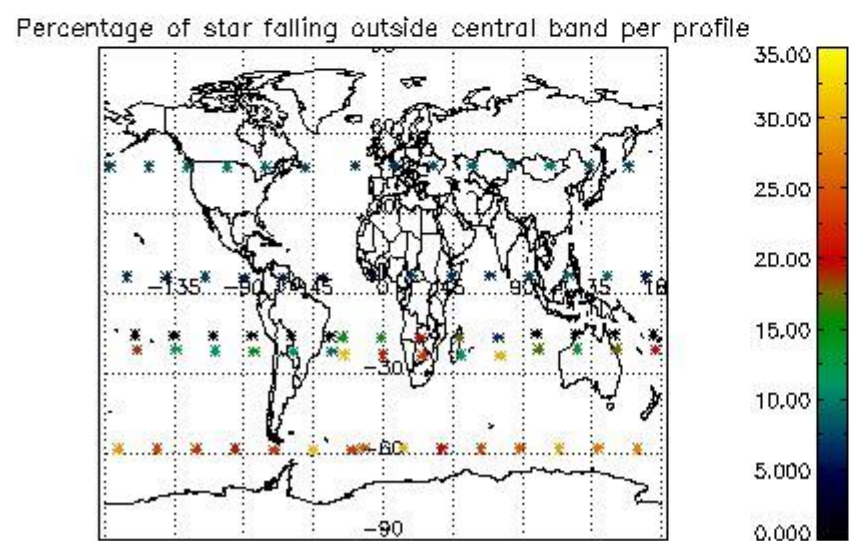
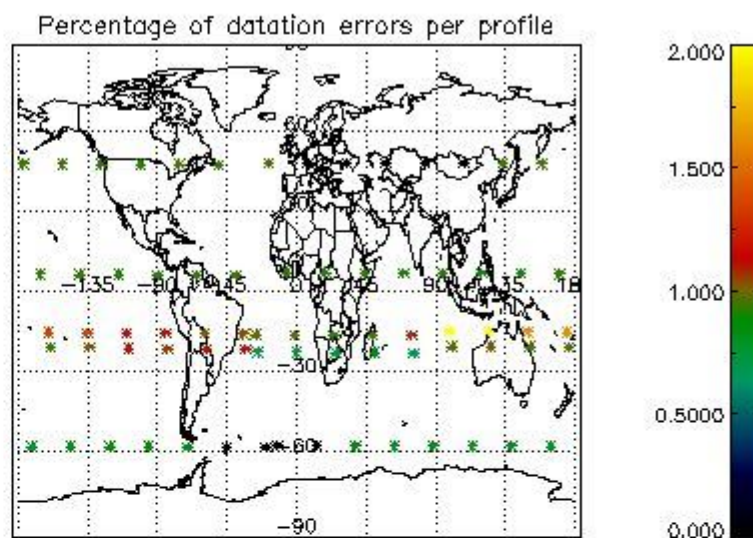
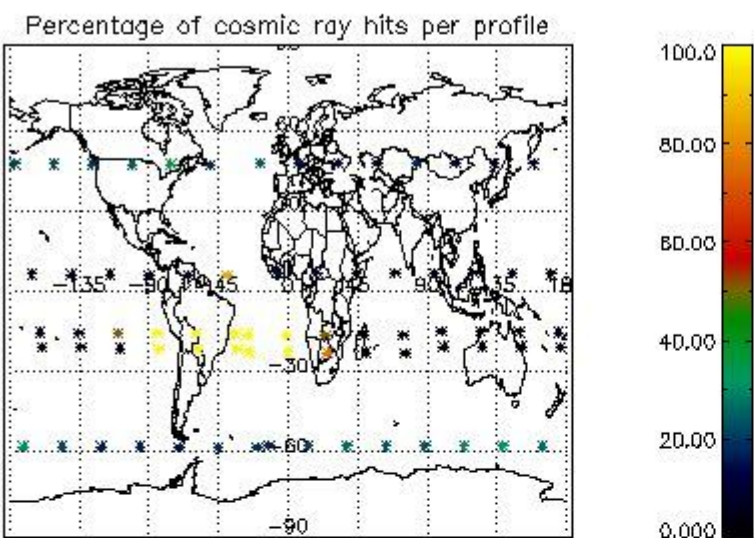


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

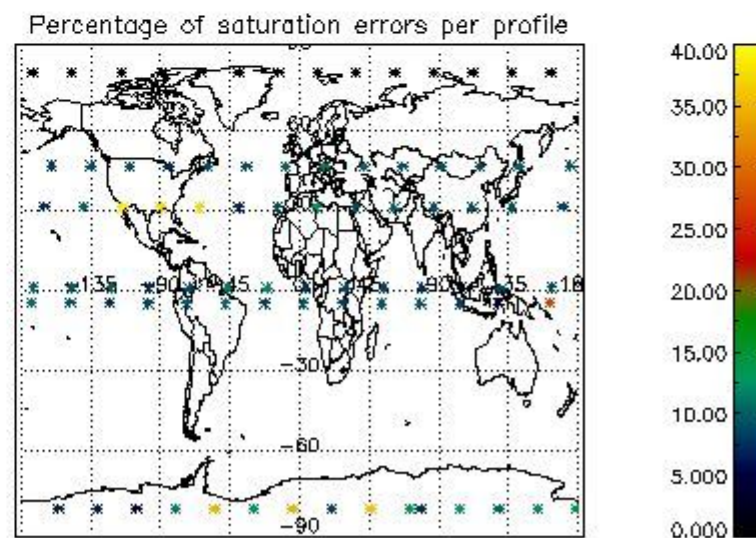
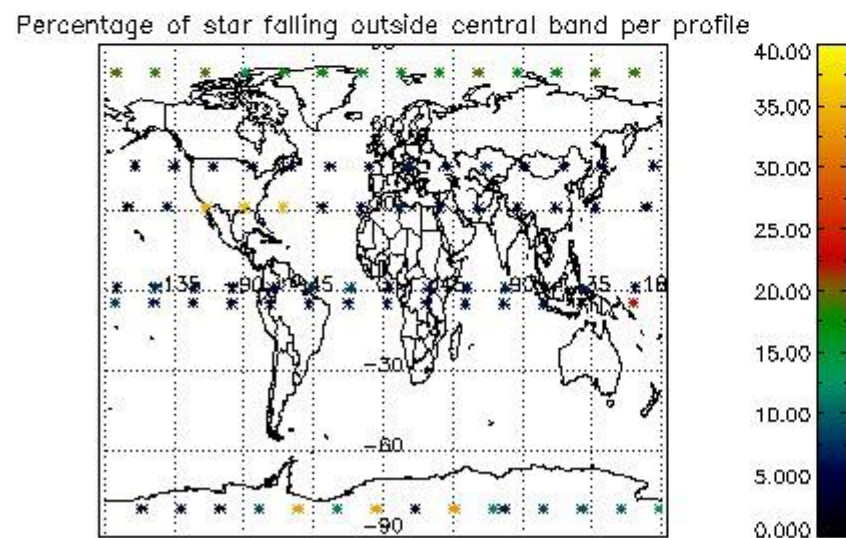
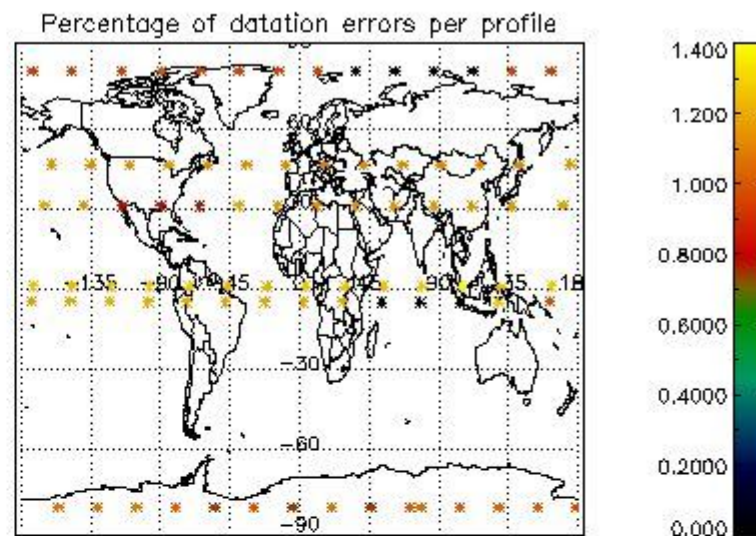
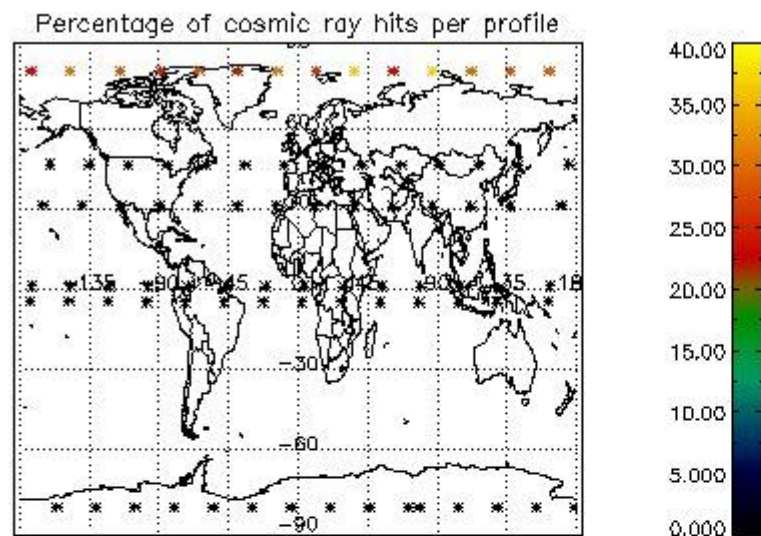


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

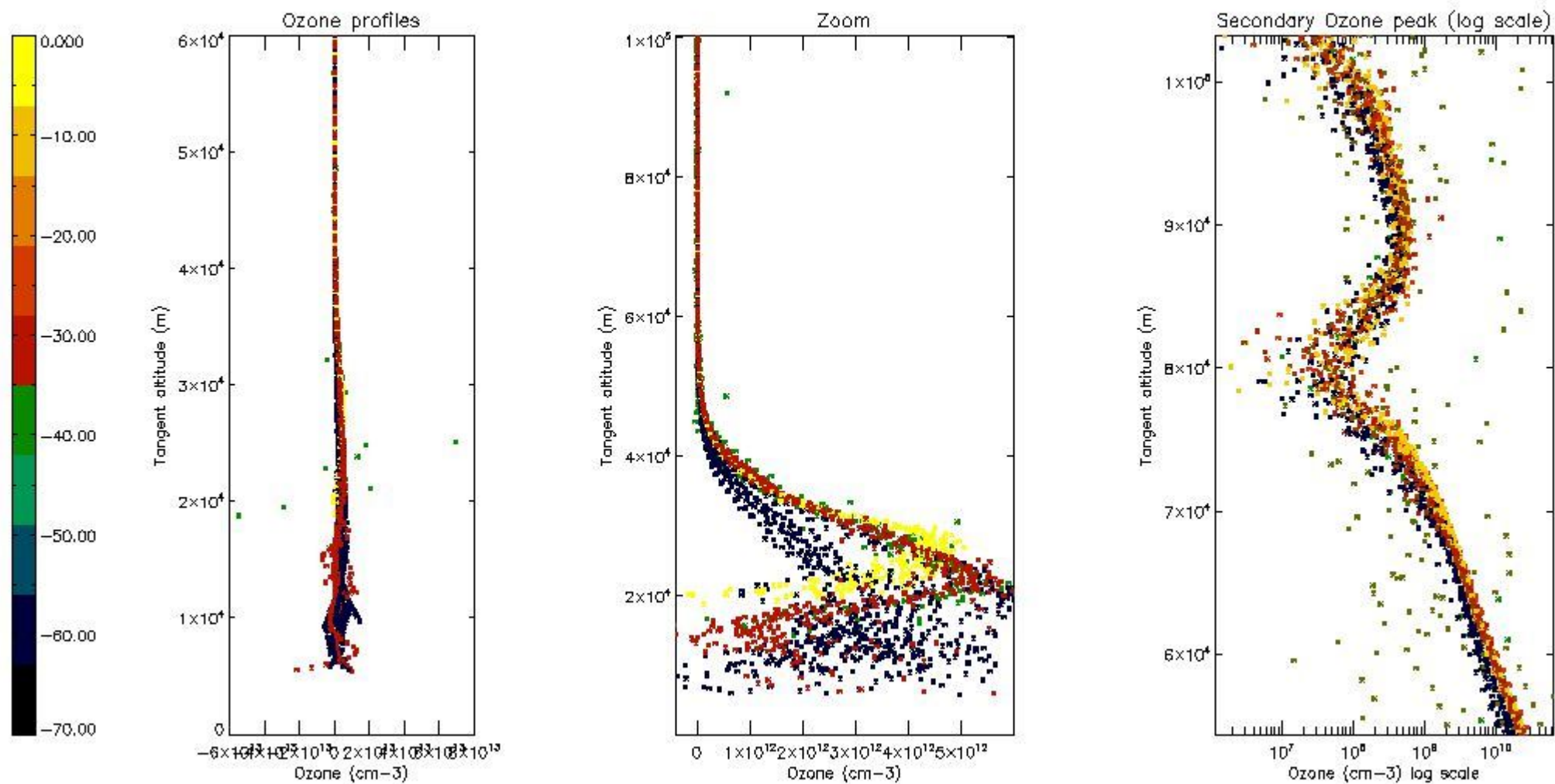
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	41
STD < 20	24

STD < 10	20
STD < 5	16

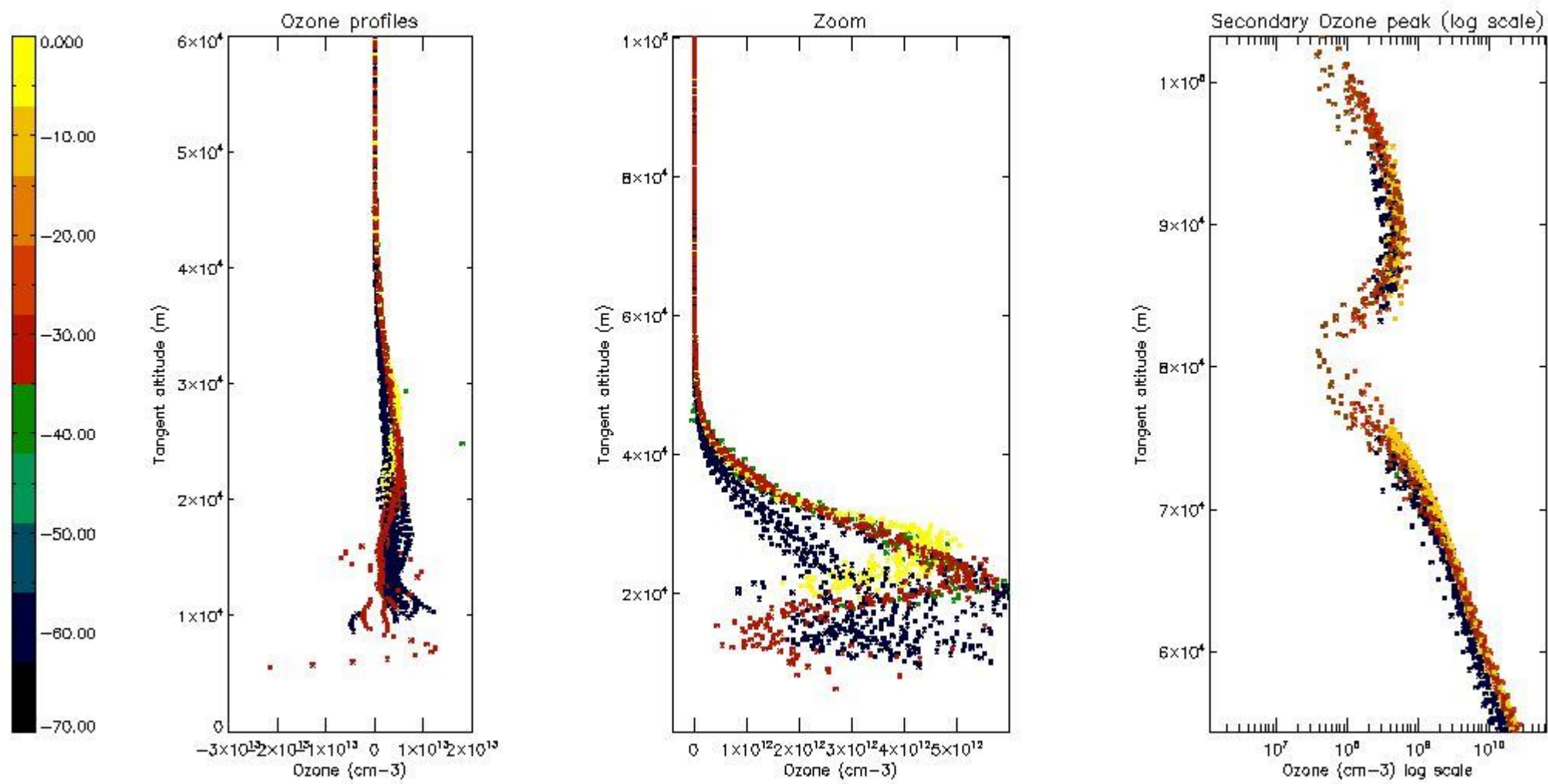
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



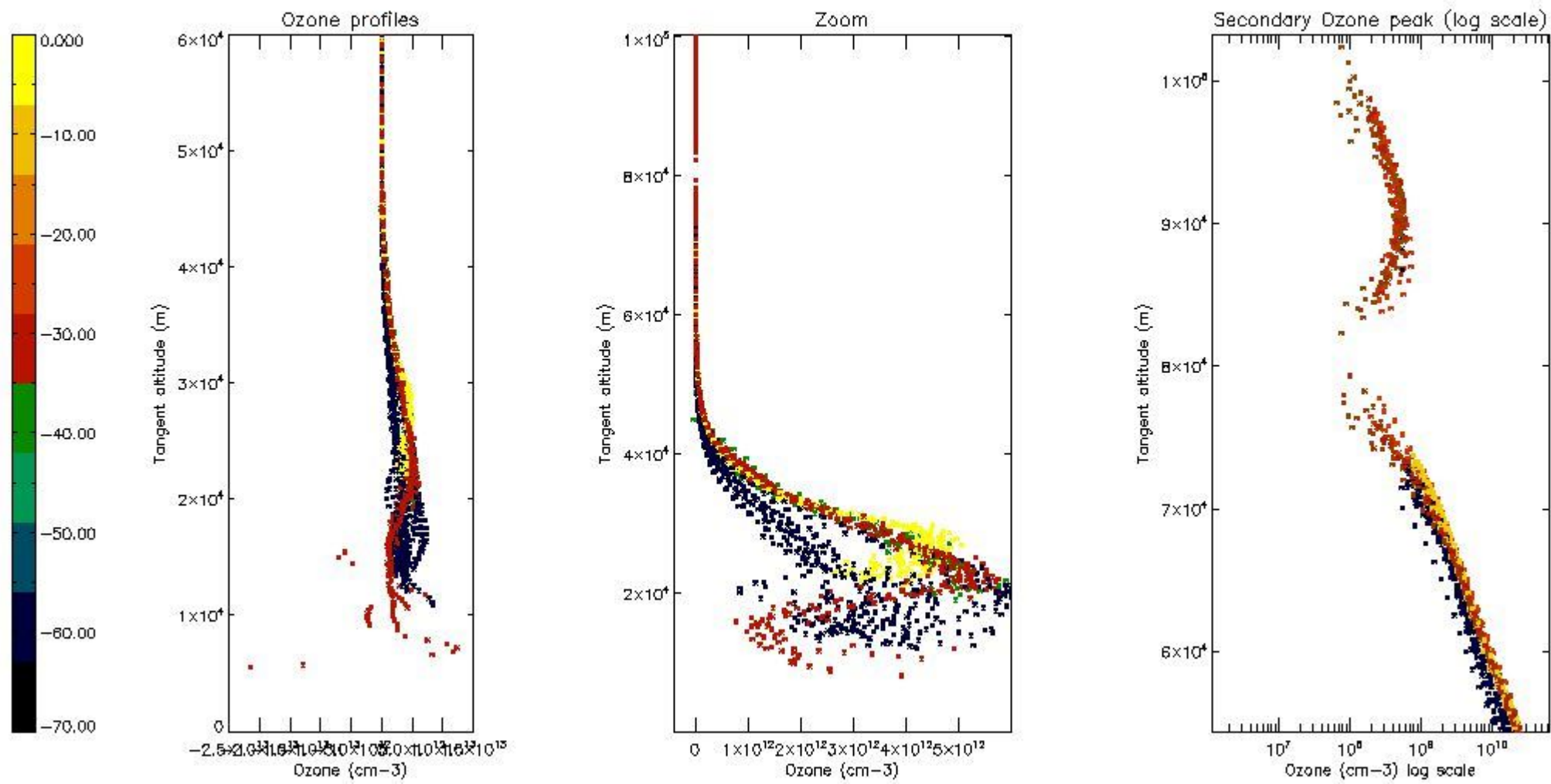
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



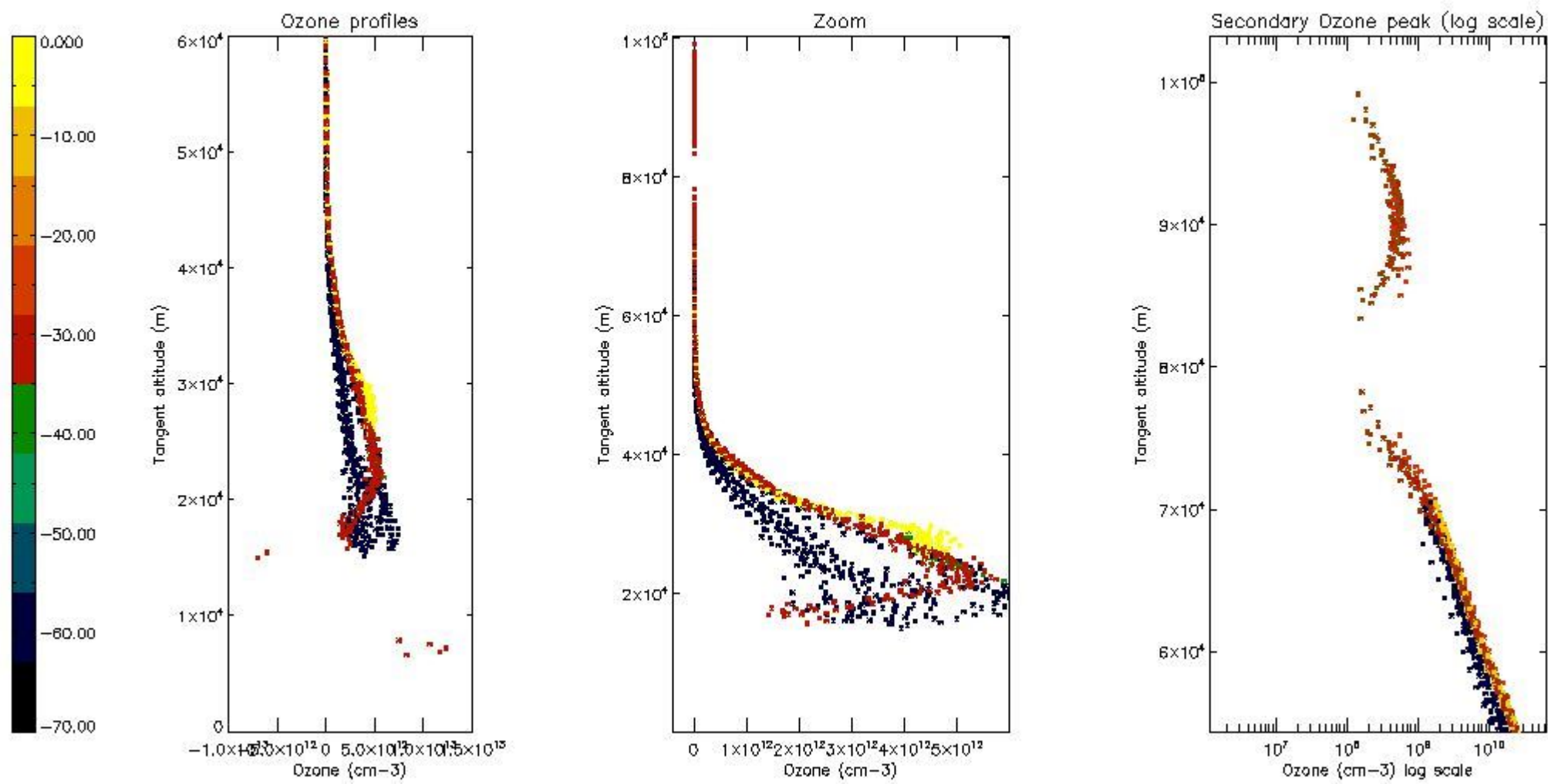
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



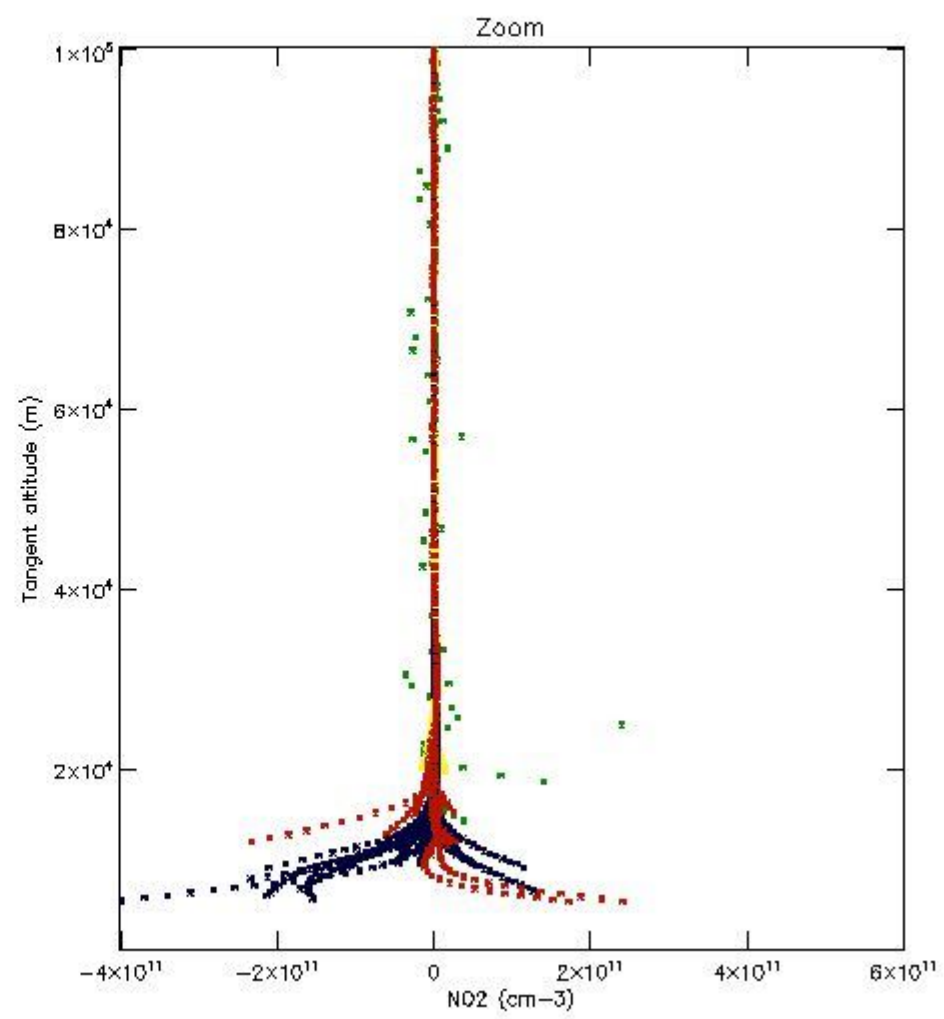
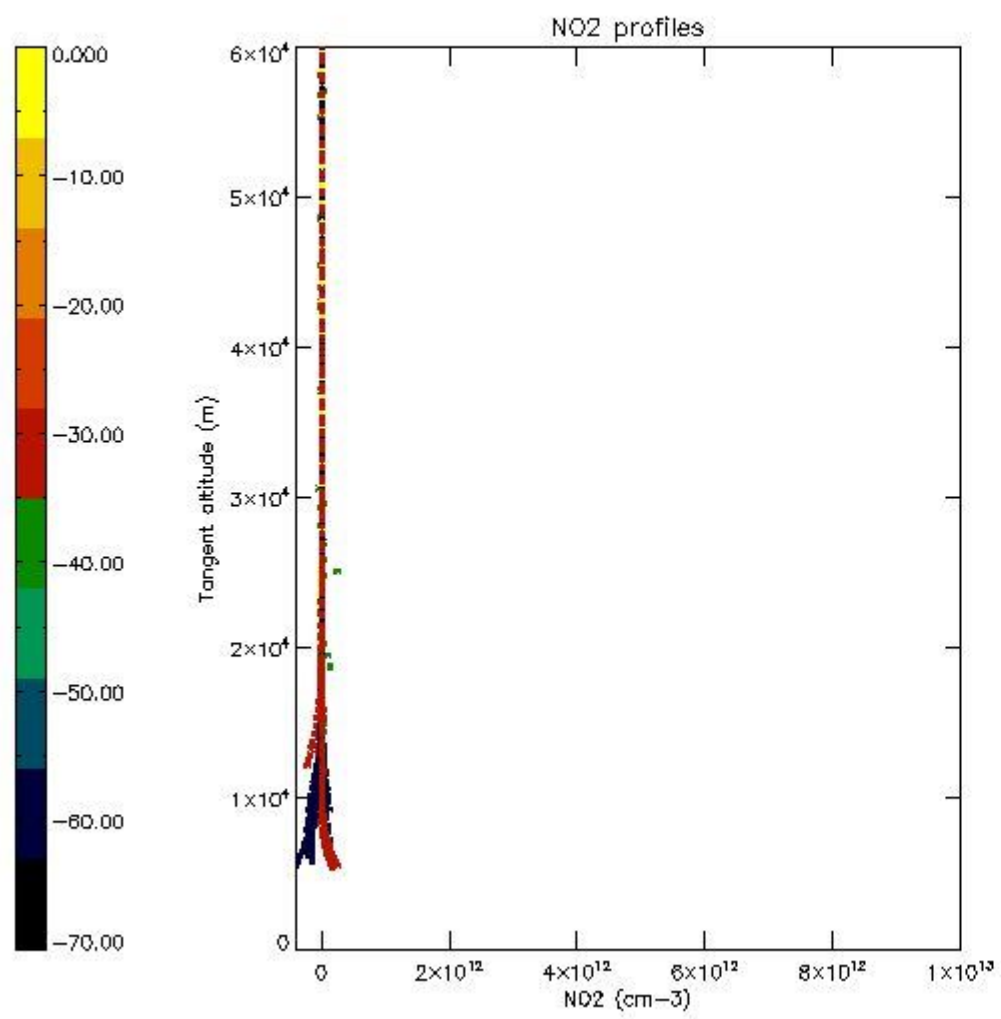
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



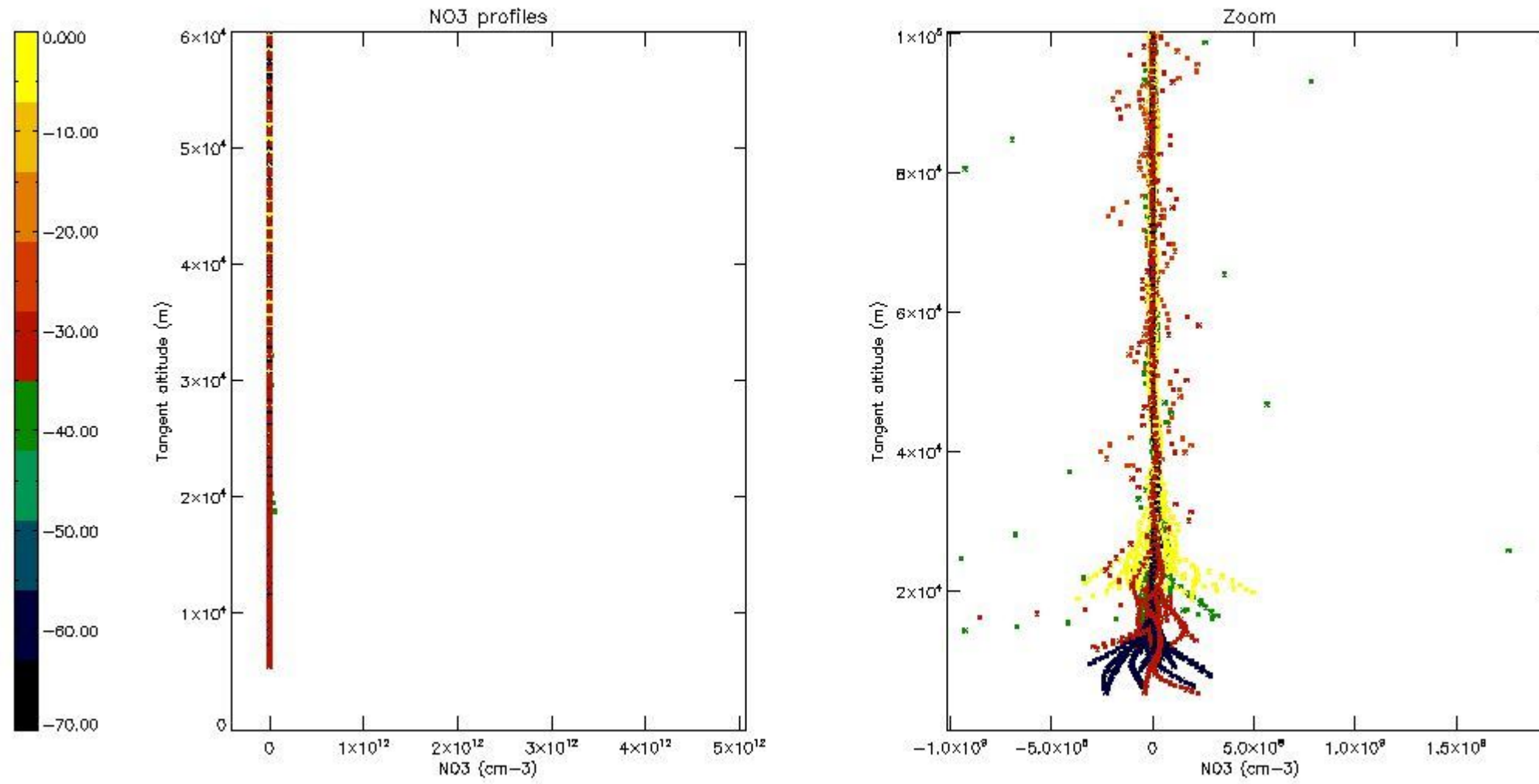
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

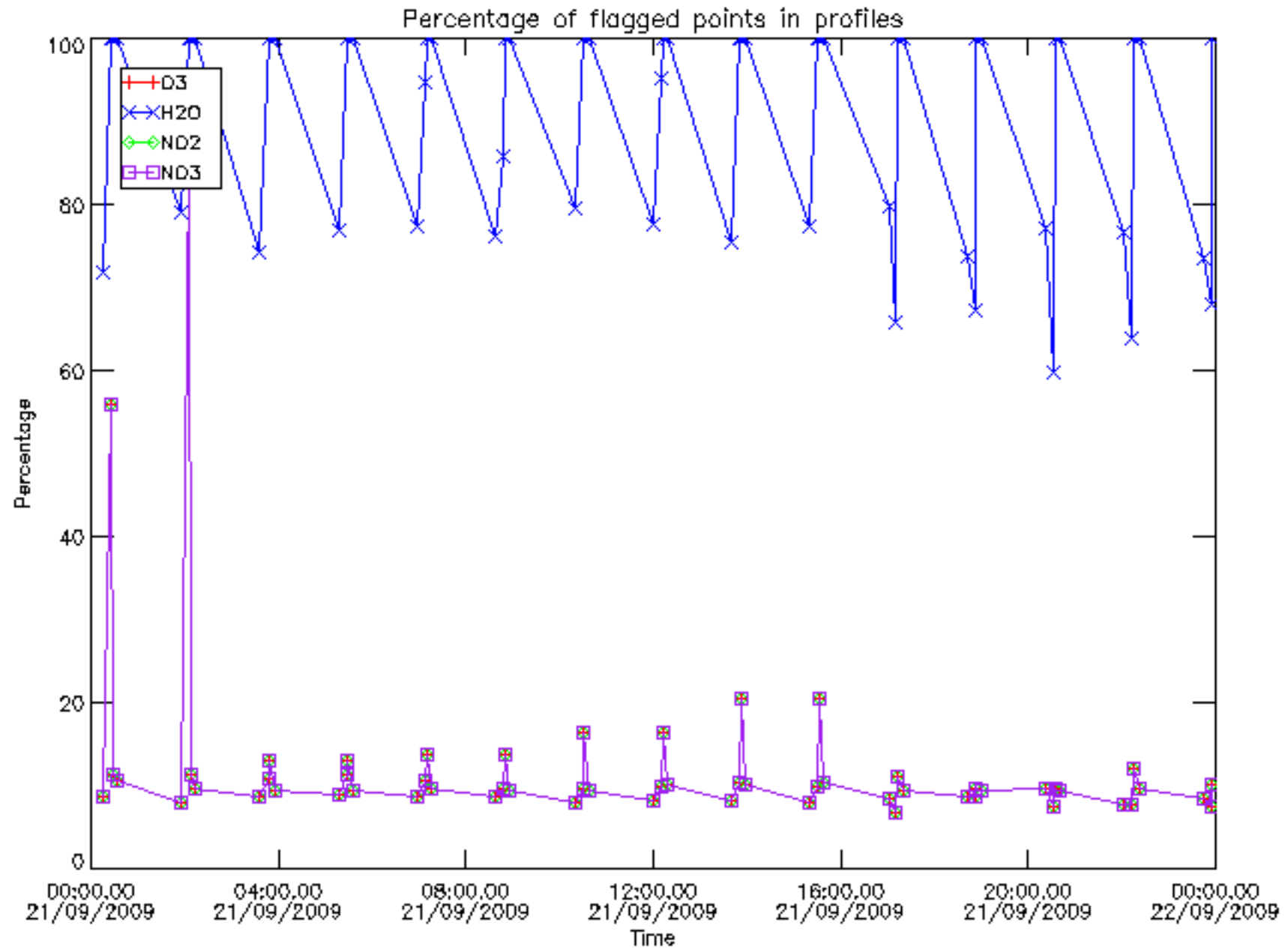
The colorbar represents the latitude.



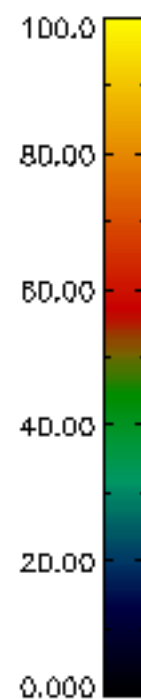
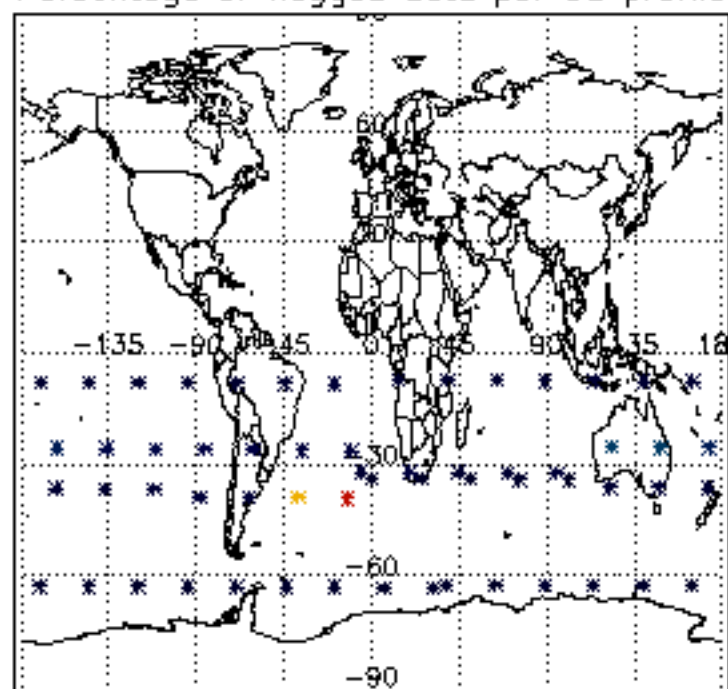
6. Auxiliary Data Files used for the production reported in section 2

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

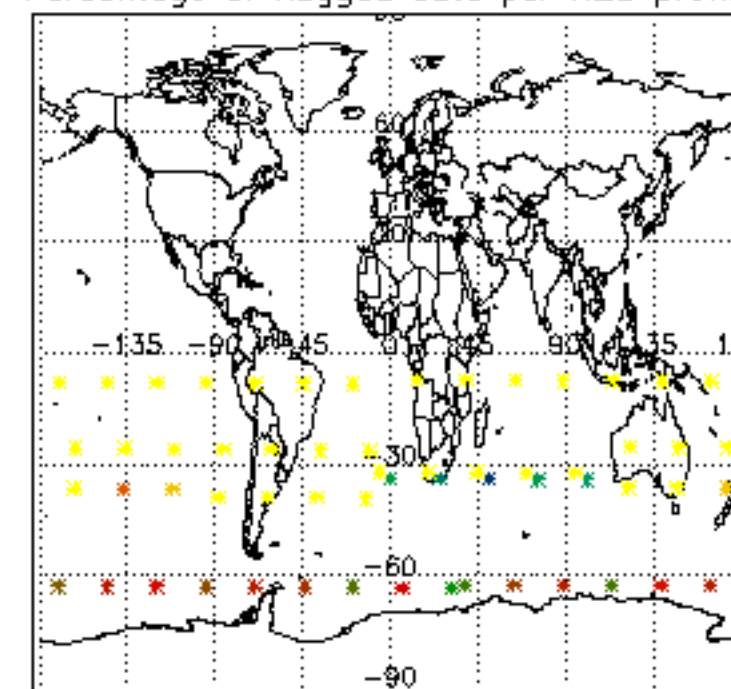
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	21-SEP-2009 00:06:01
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	21-SEP-2009 00:06:01
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	21-SEP-2009 00:06:01



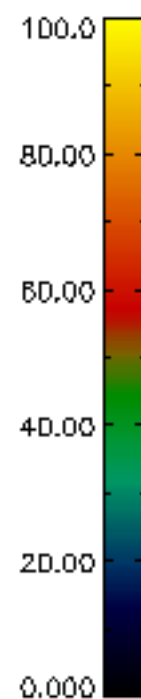
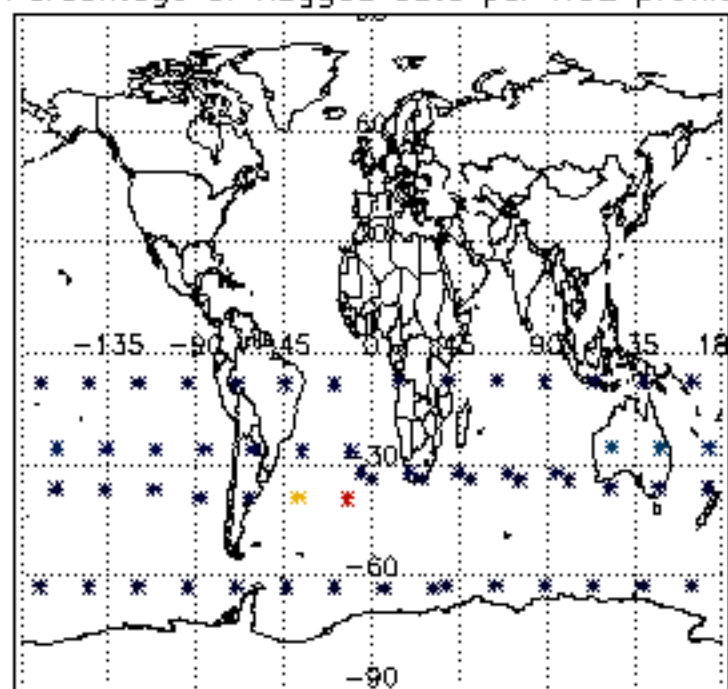
Percentage of flagged data per D3 profile



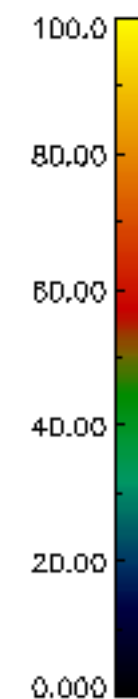
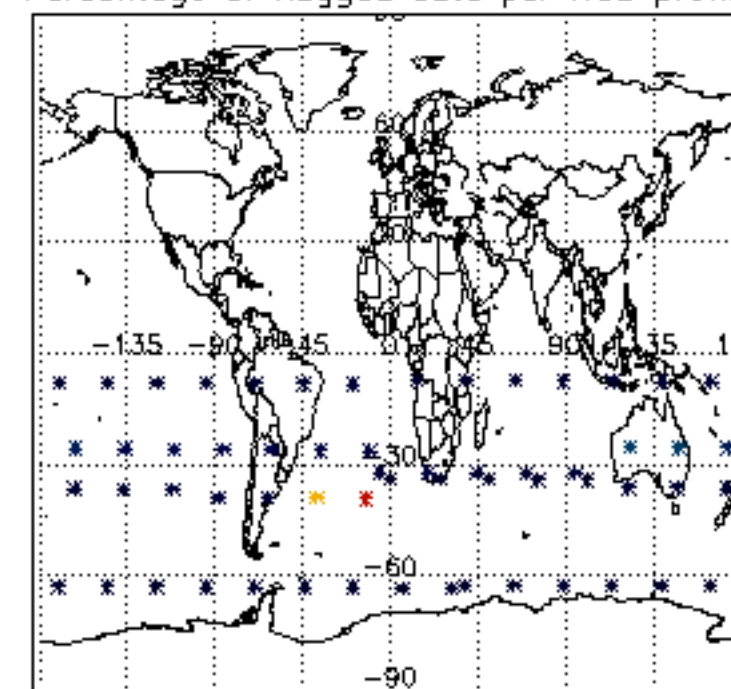
Percentage of flagged data per H2O profile

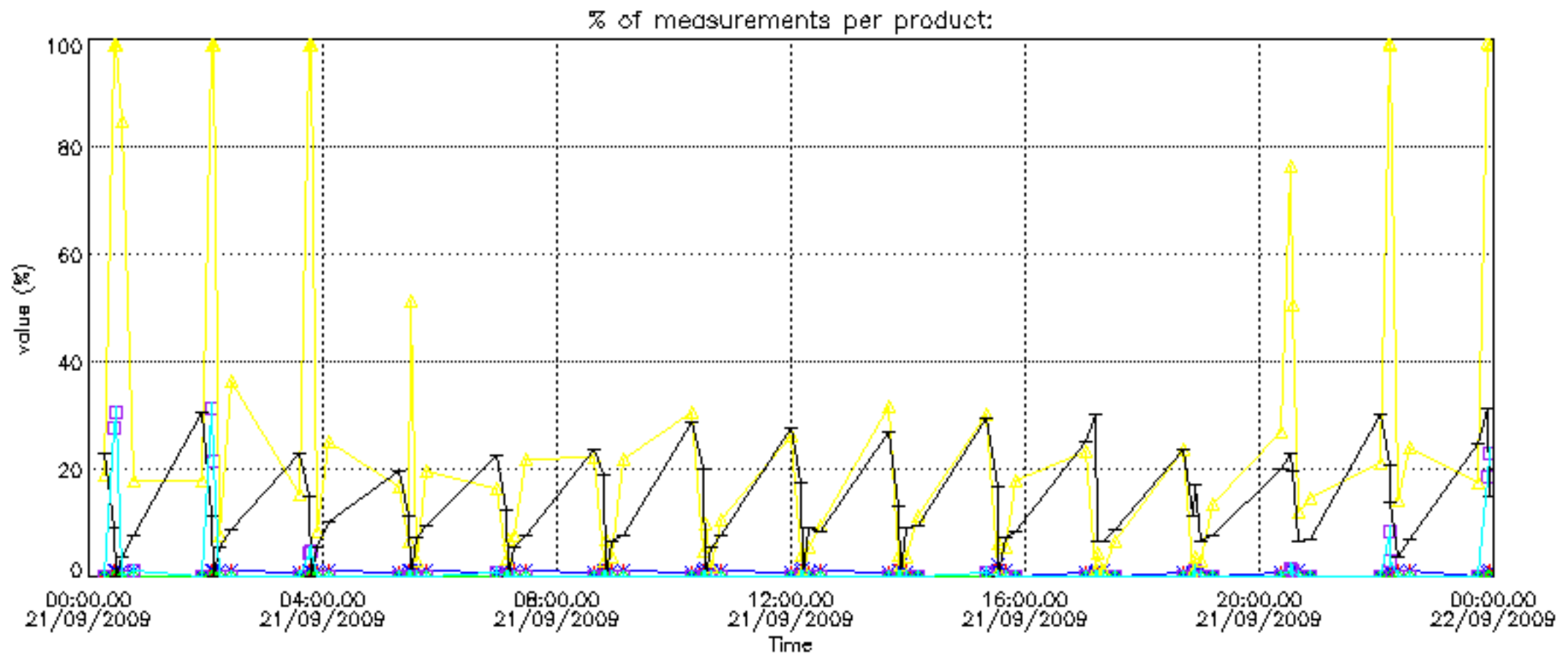


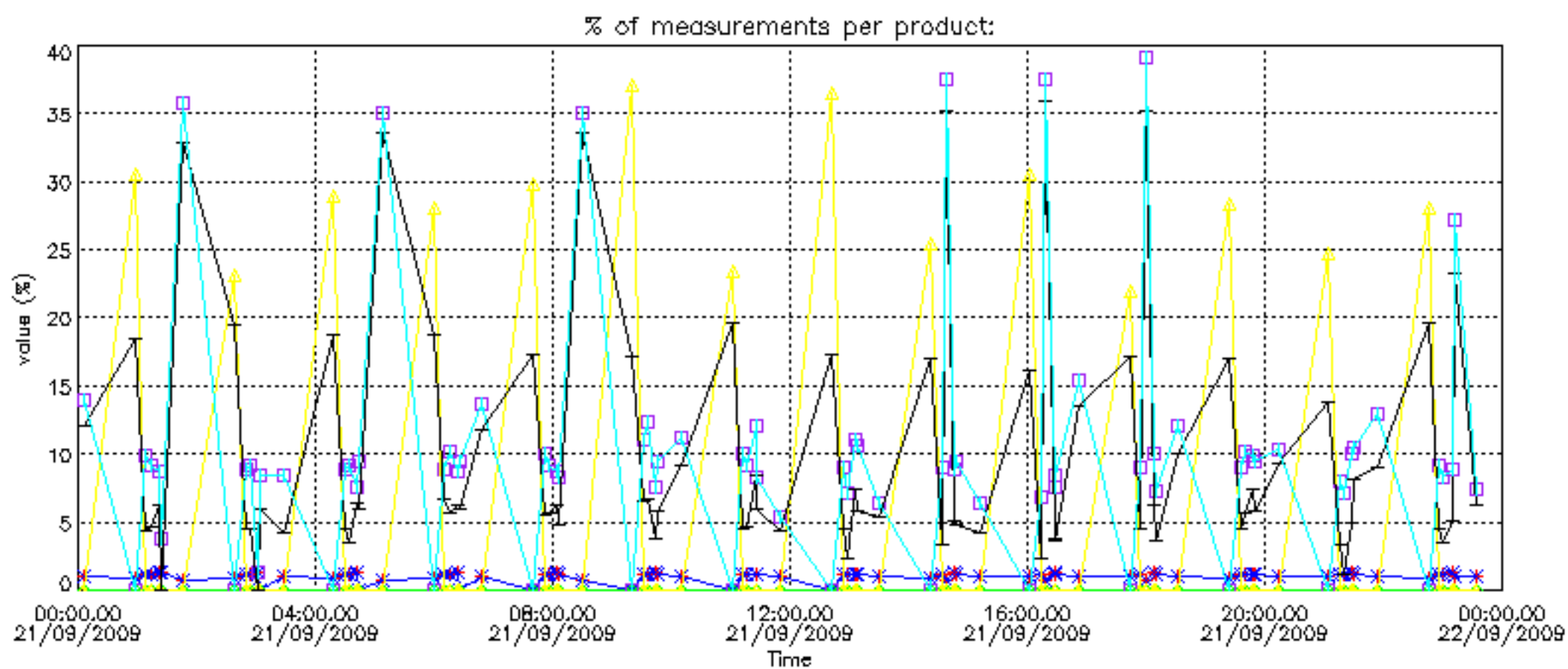
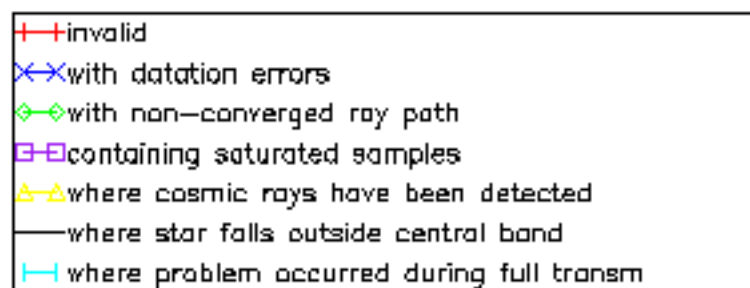
Percentage of flagged data per NO2 profile



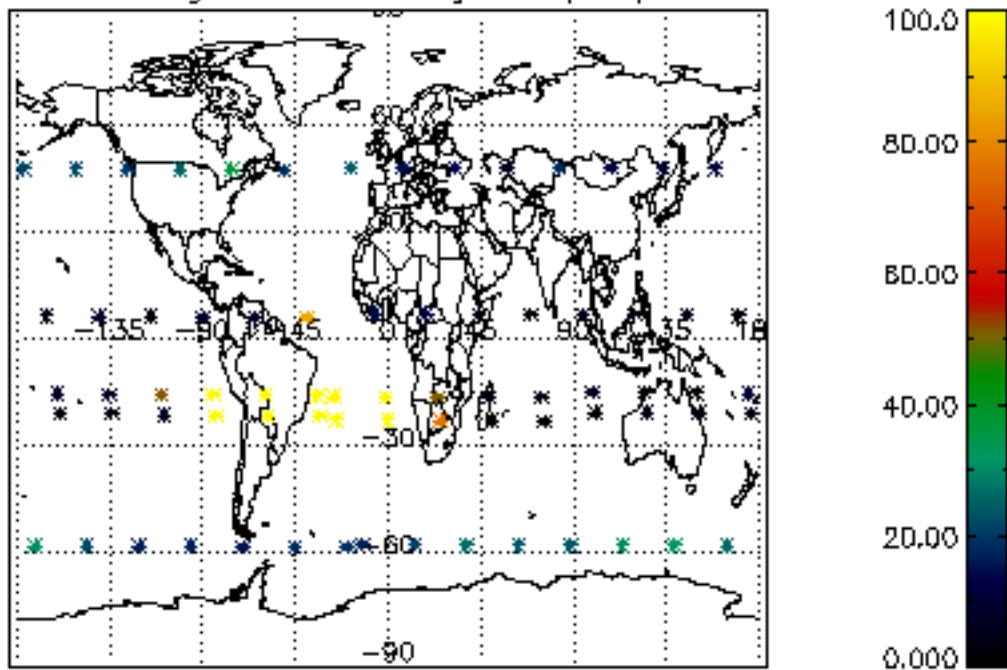
Percentage of flagged data per NO3 profile



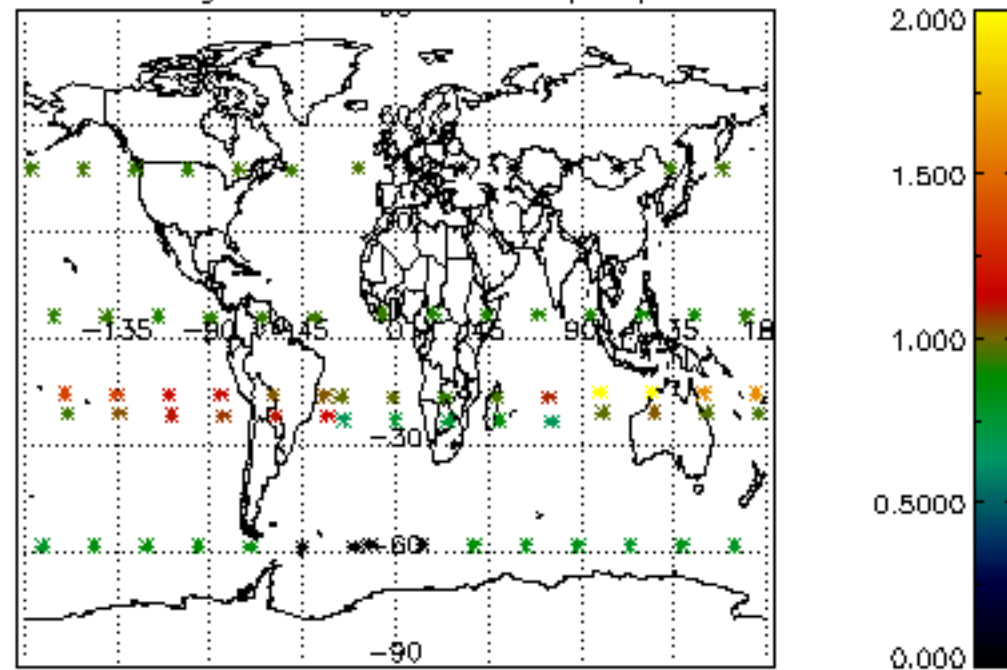




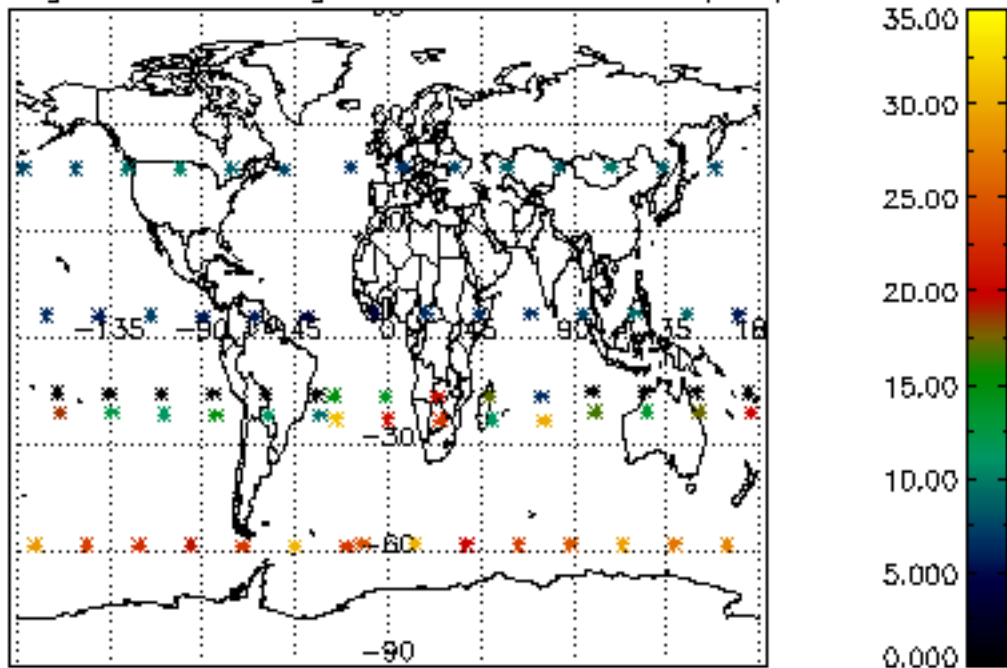
Percentage of cosmic ray hits per profile



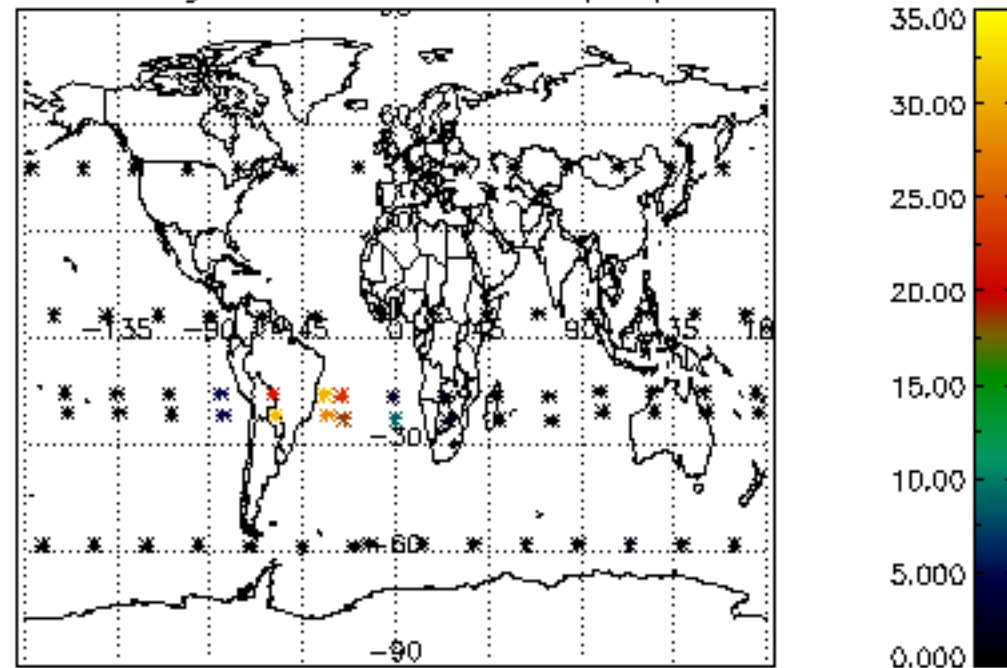
Percentage of datation errors per profile



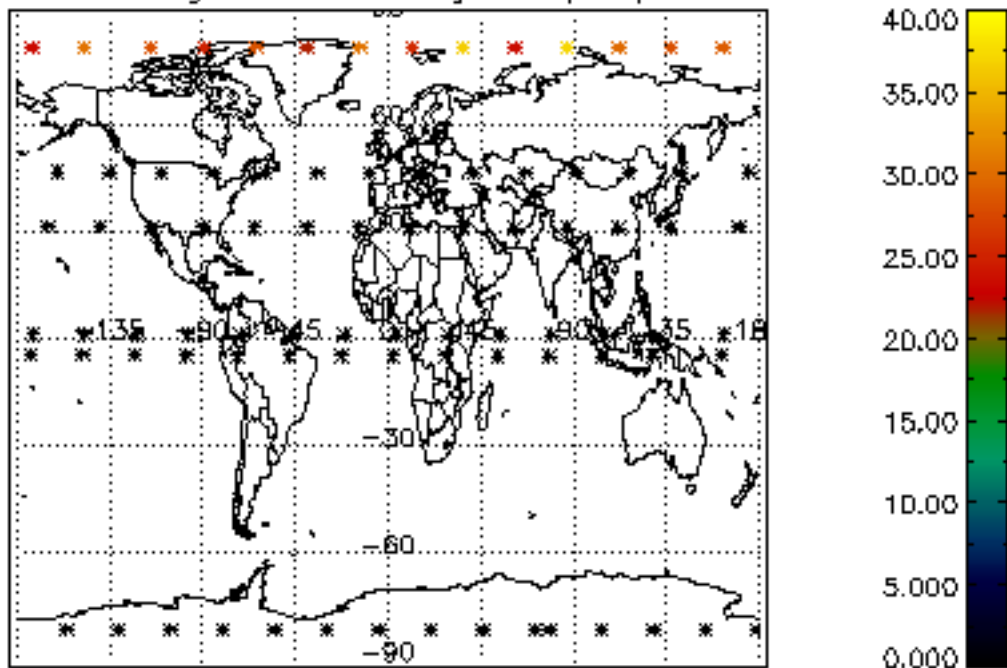
Percentage of star falling outside central band per profile



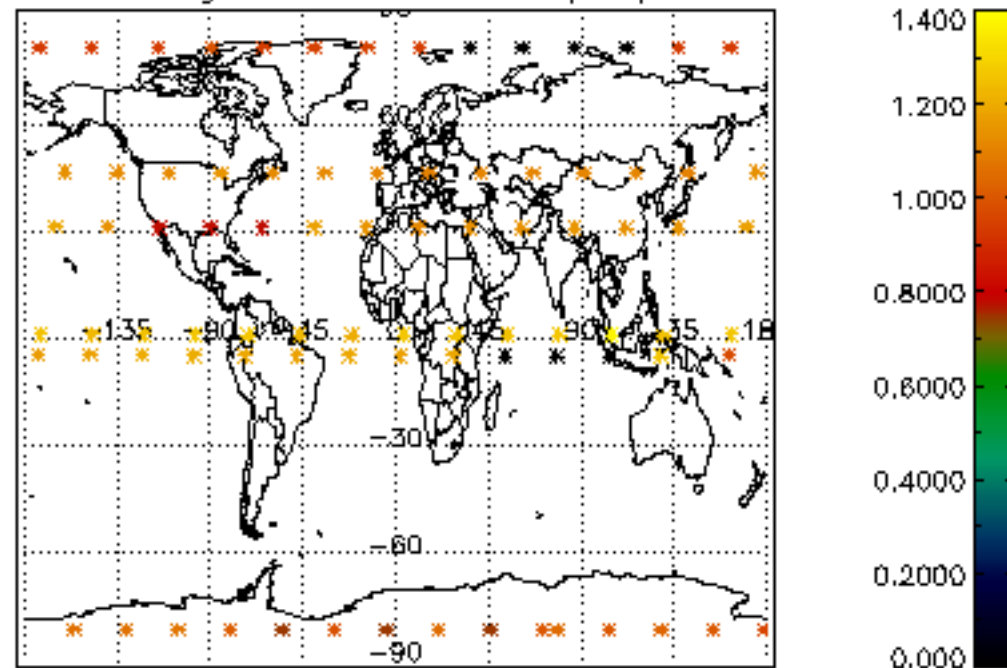
Percentage of saturation errors per profile



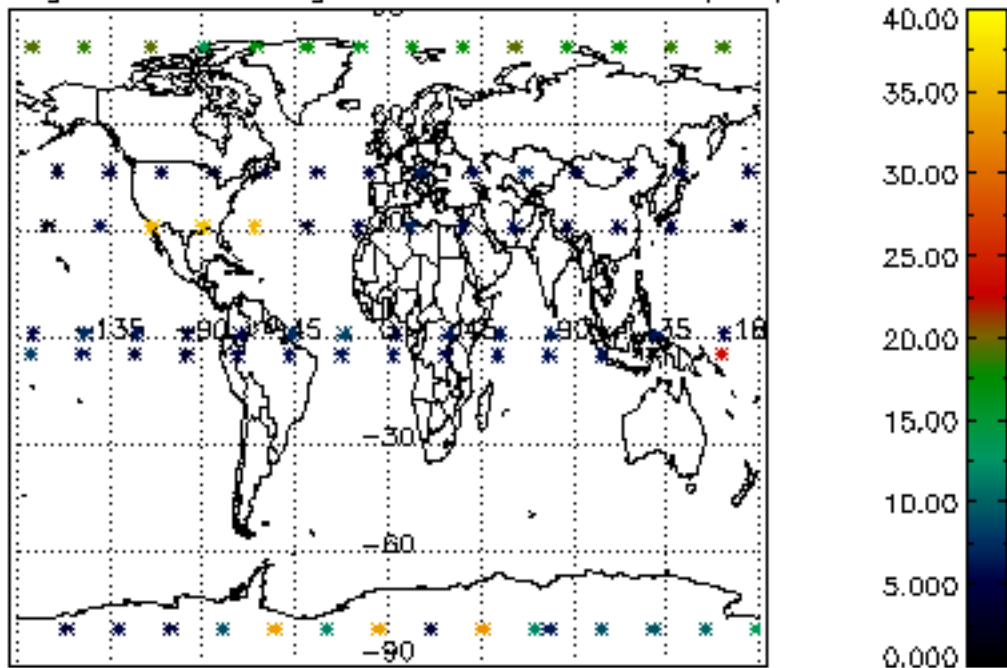
Percentage of cosmic ray hits per profile



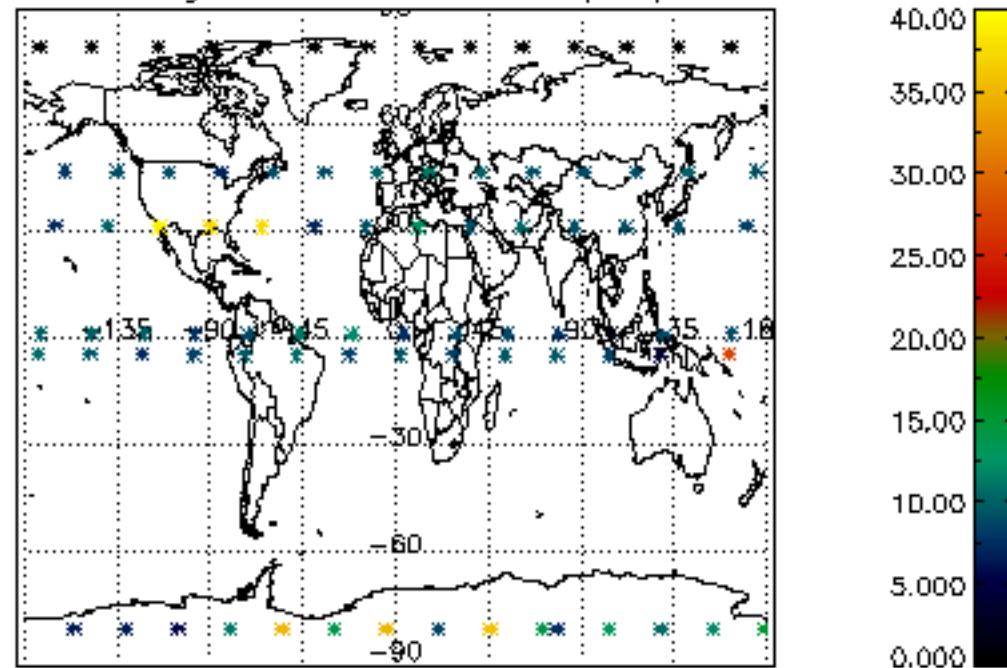
Percentage of datation errors per profile

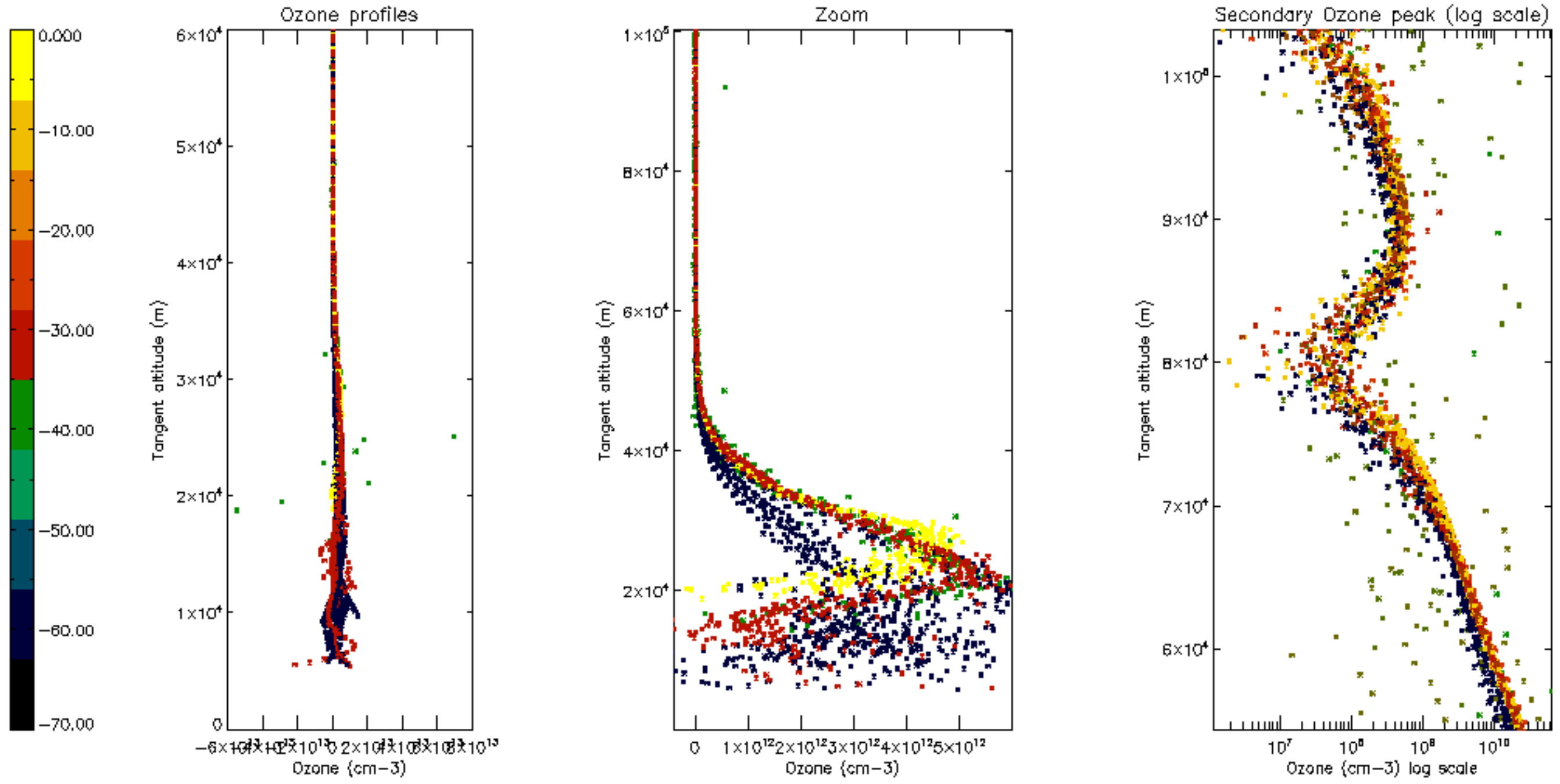


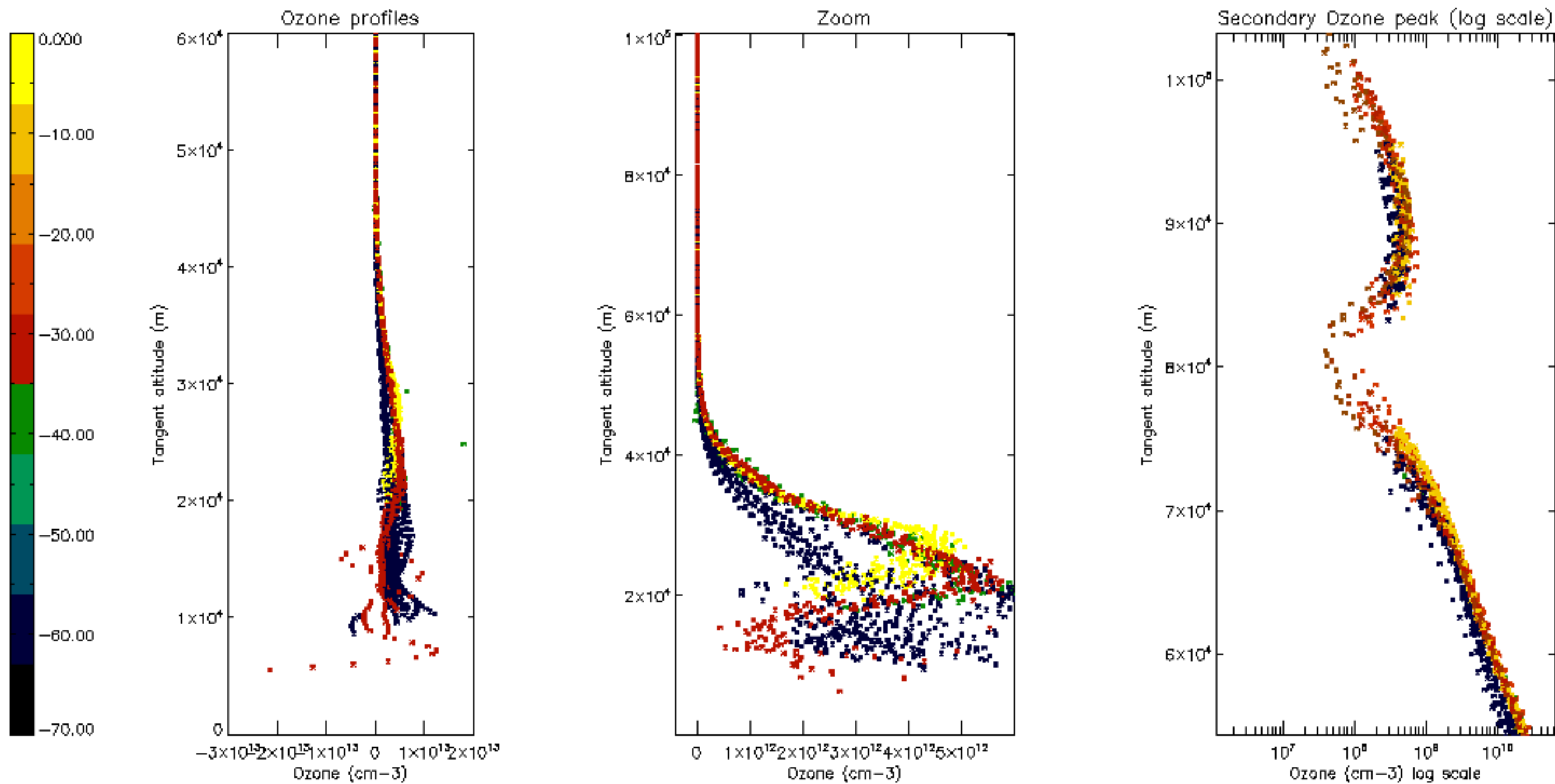
Percentage of star falling outside central band per profile

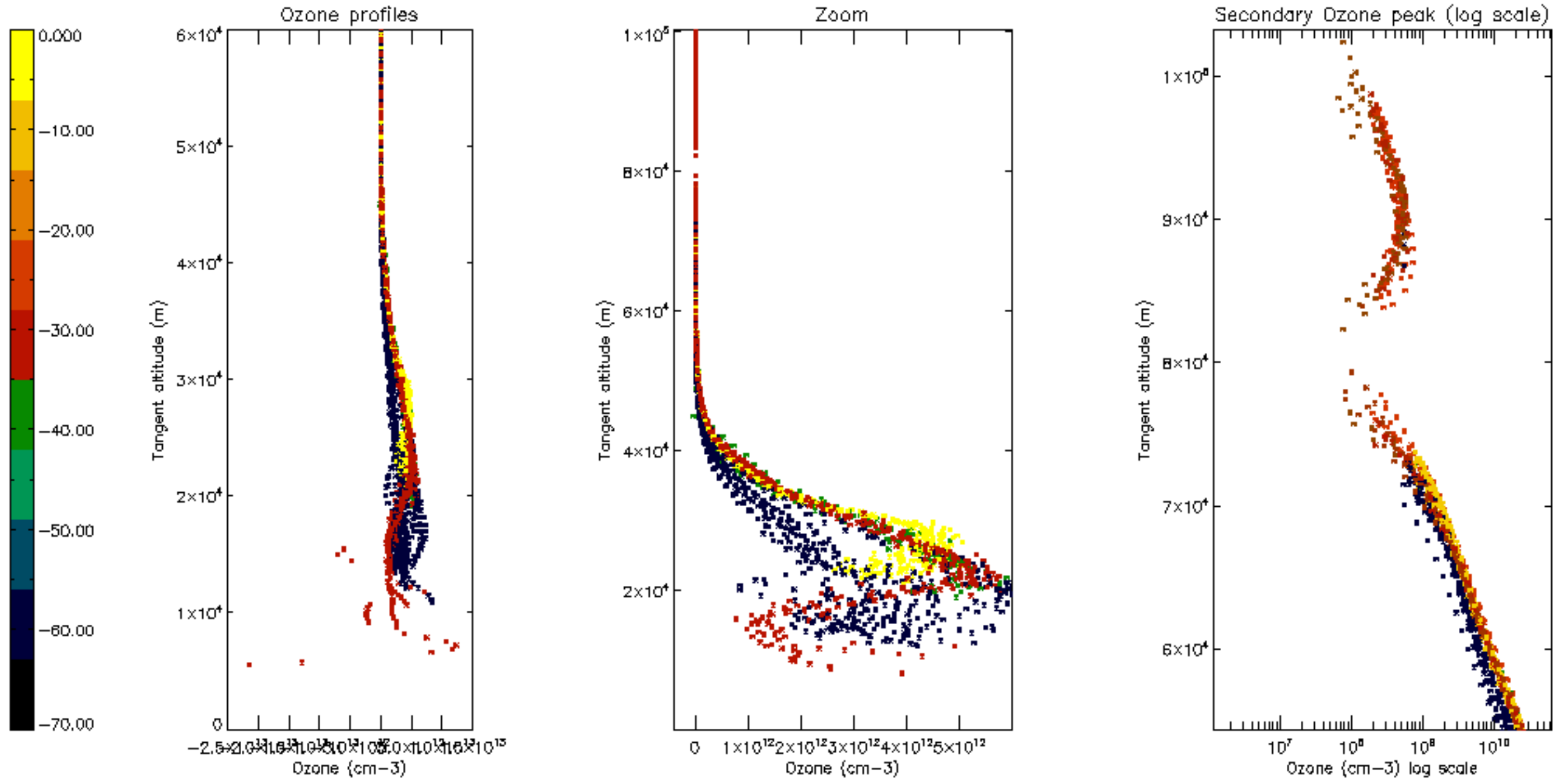


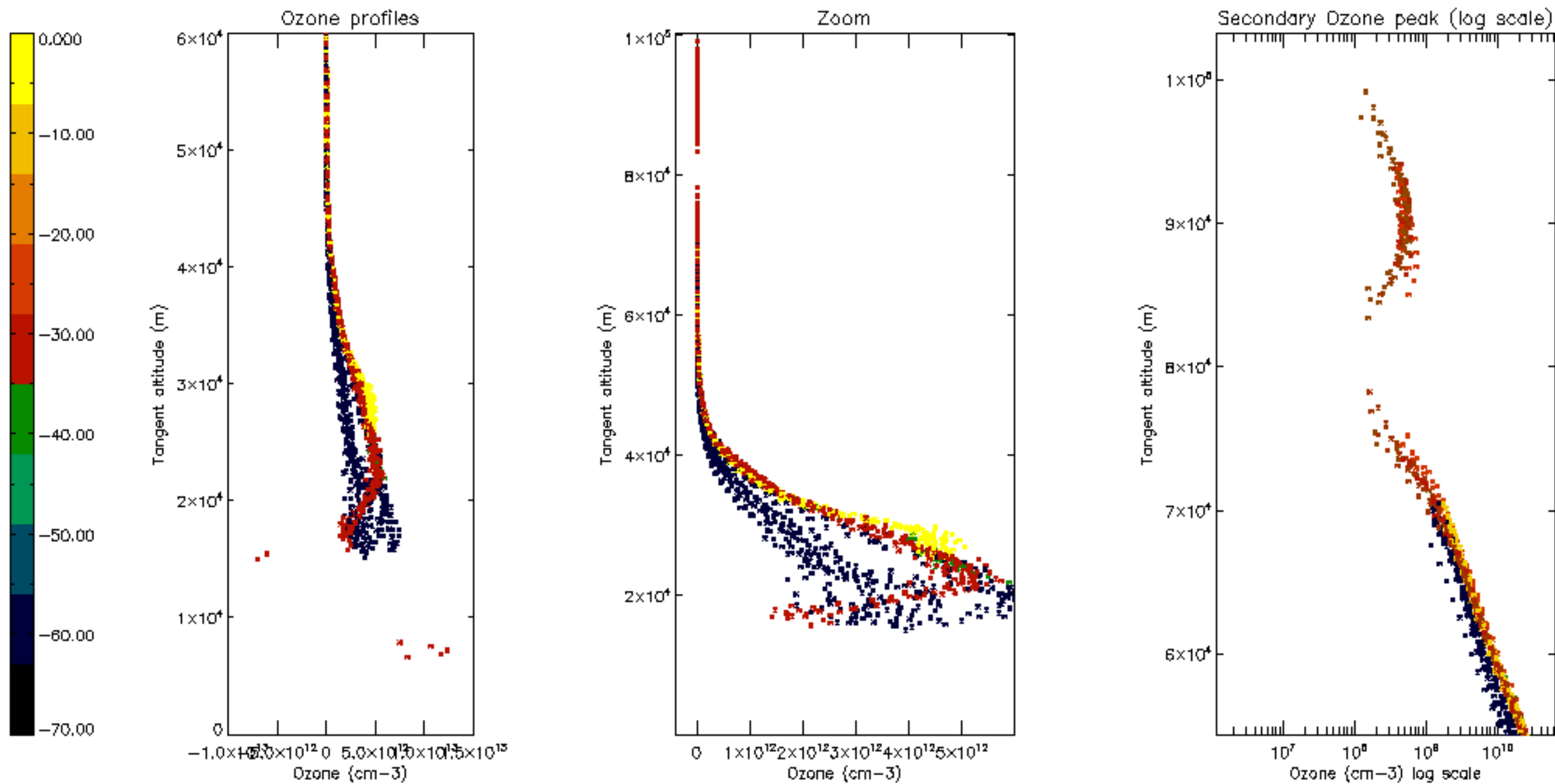
Percentage of saturation errors per profile

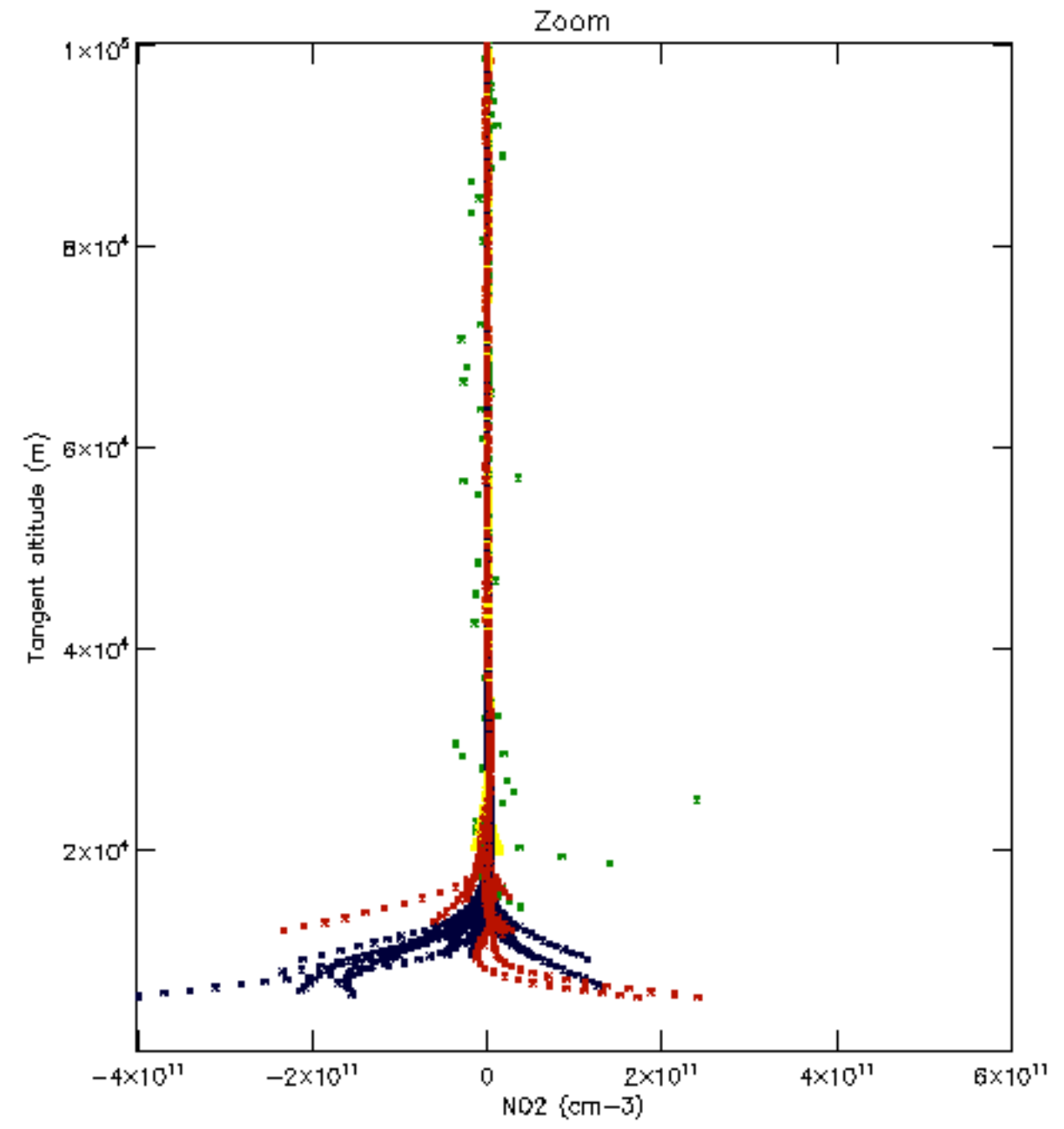
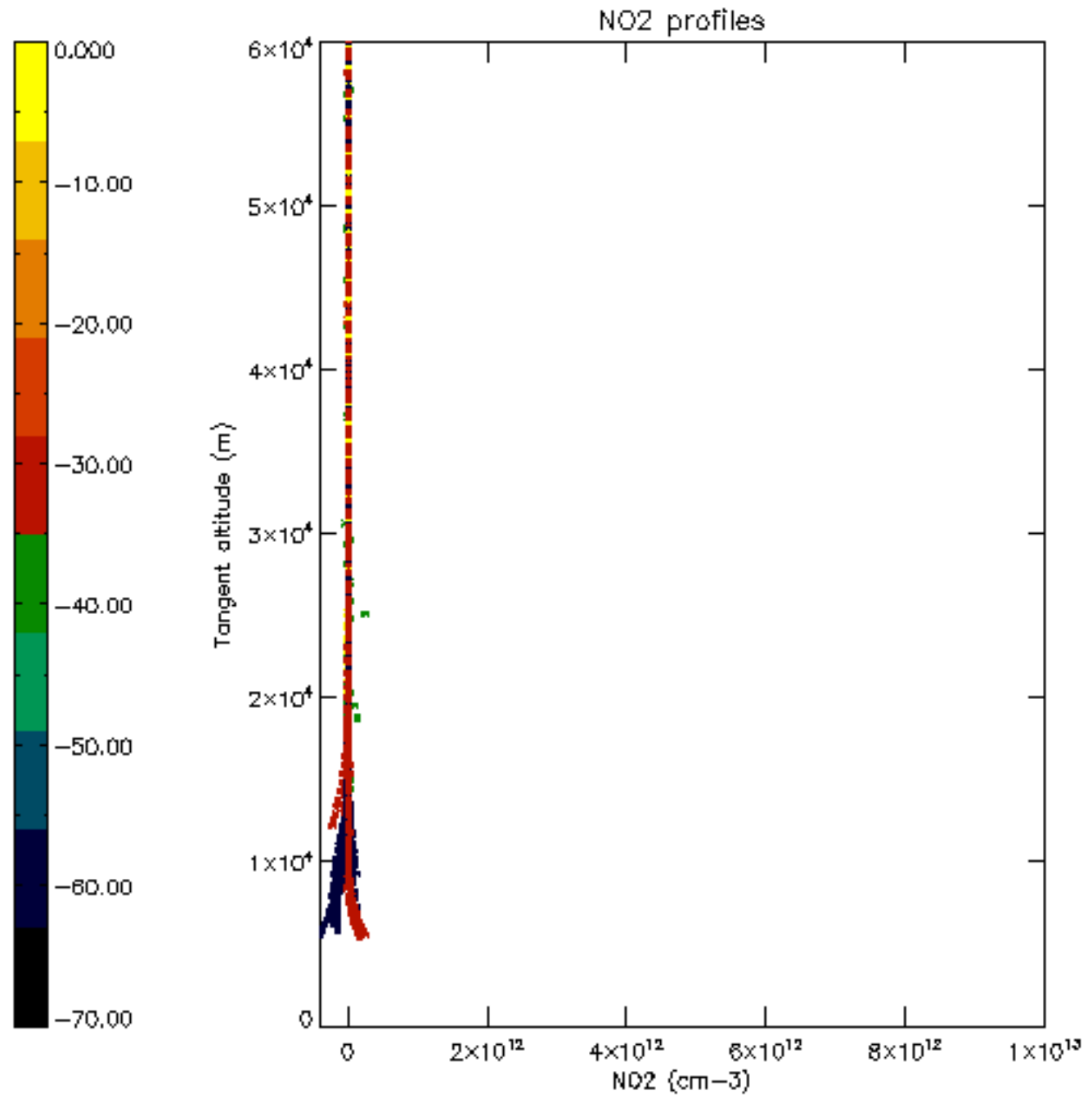


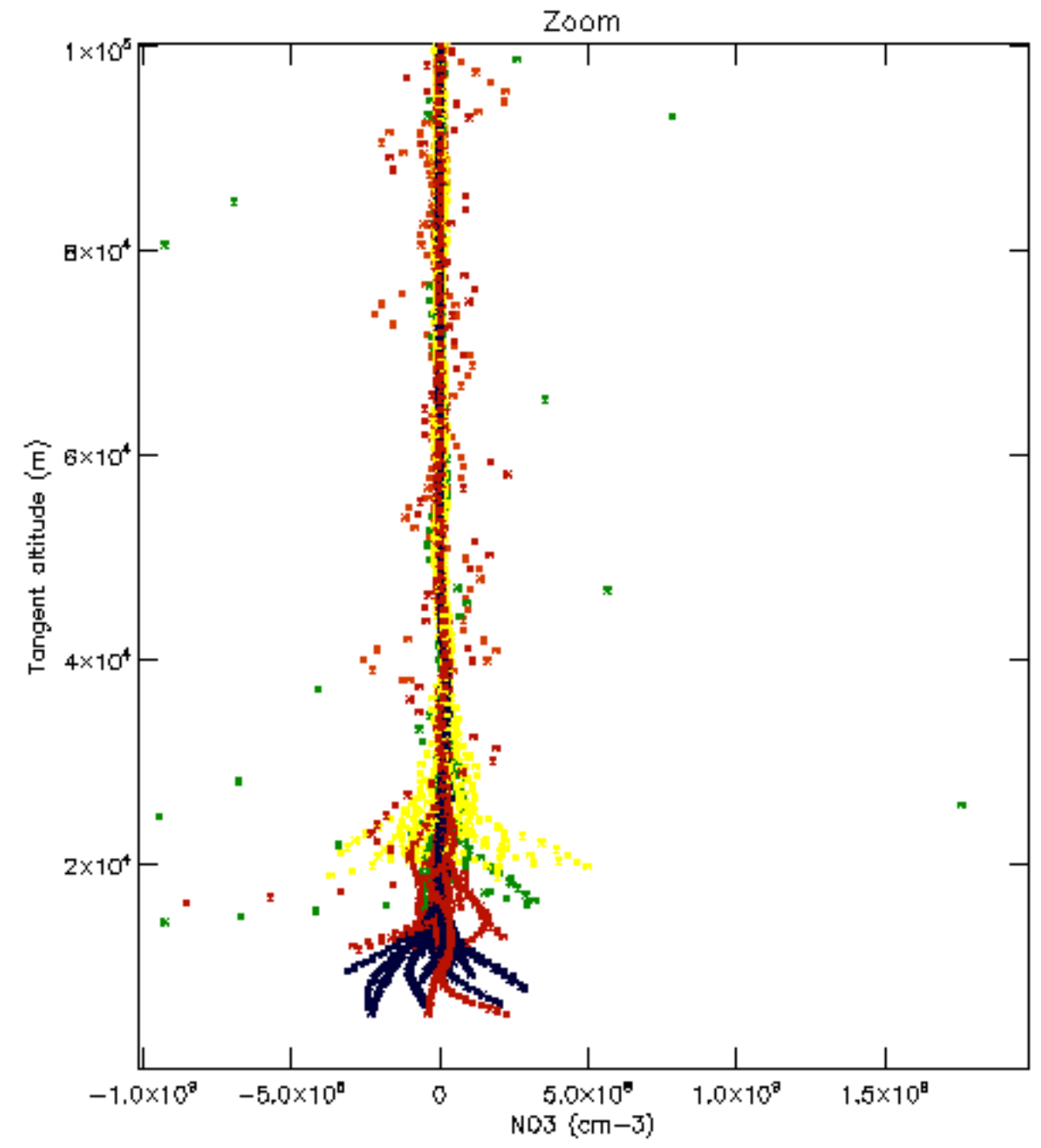
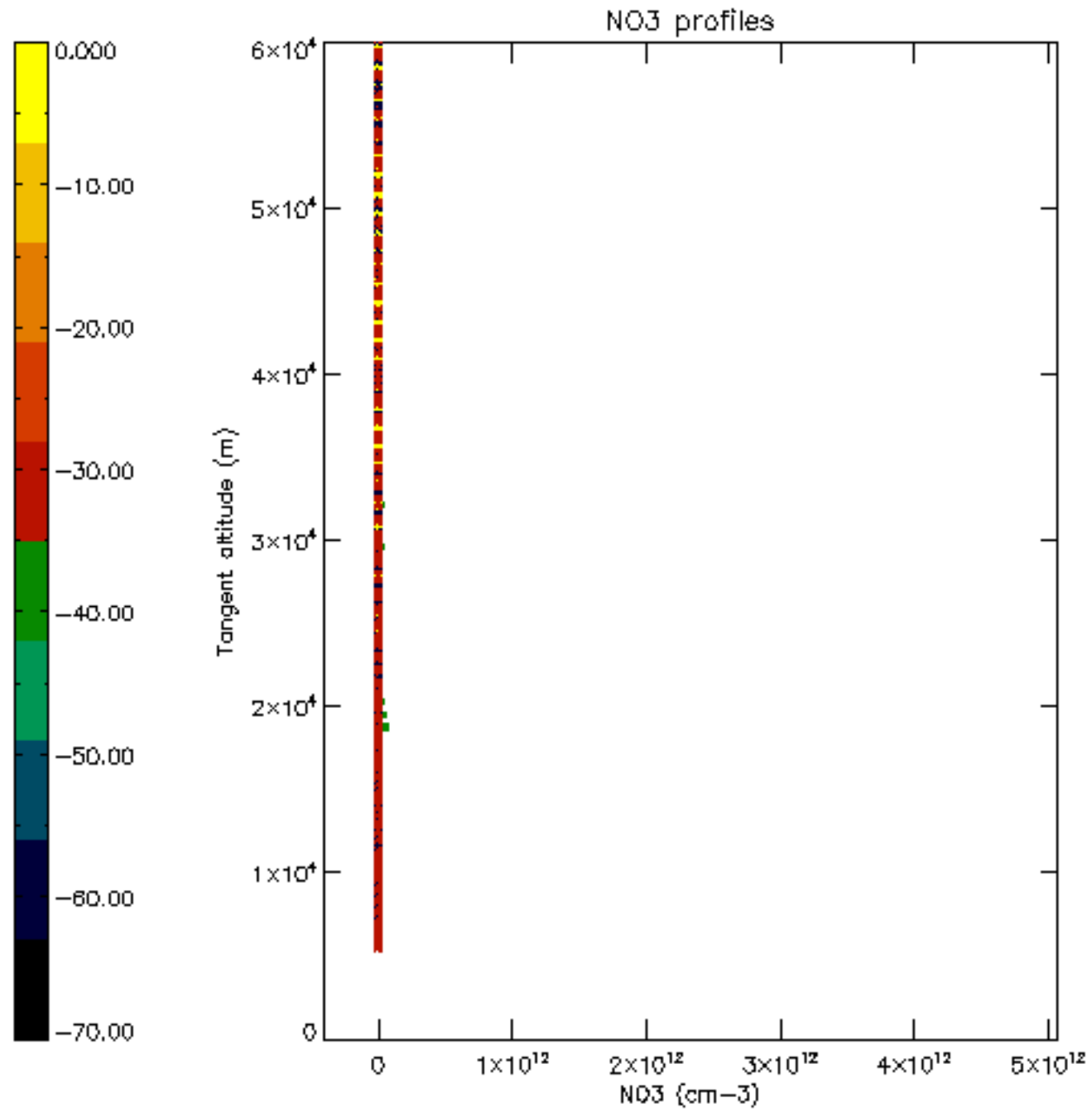


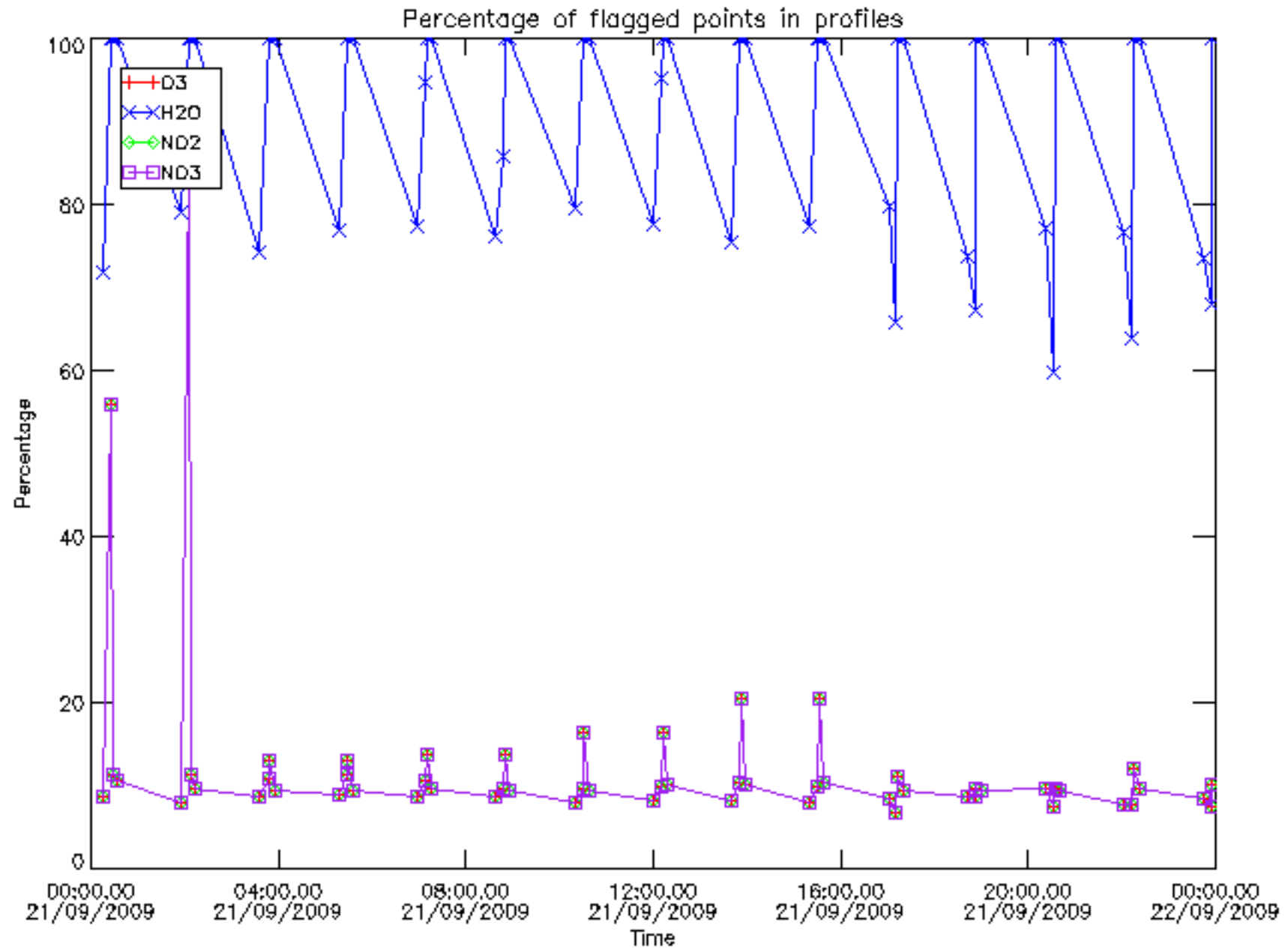




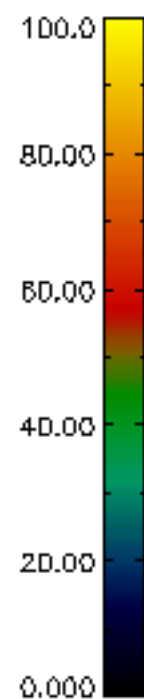
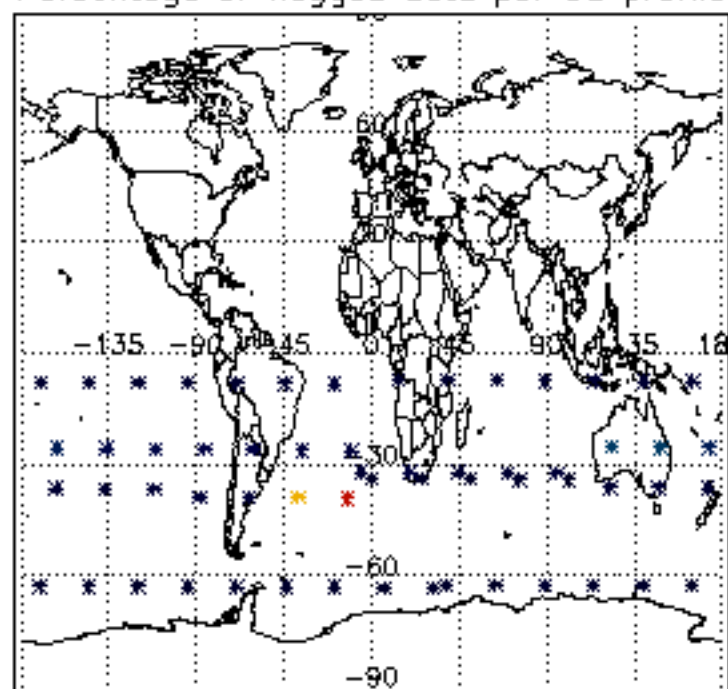




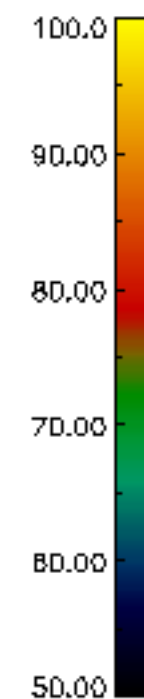
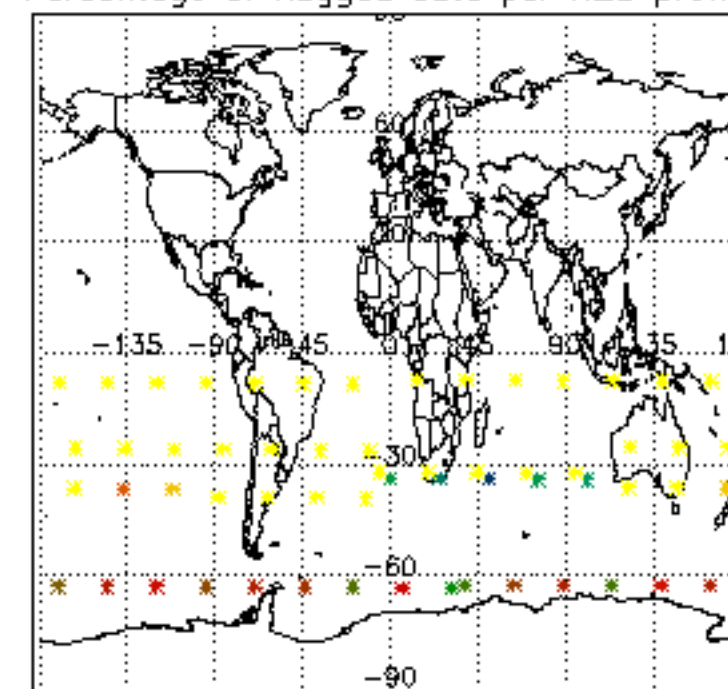




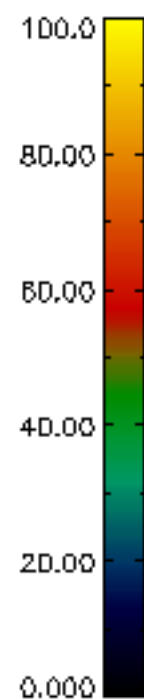
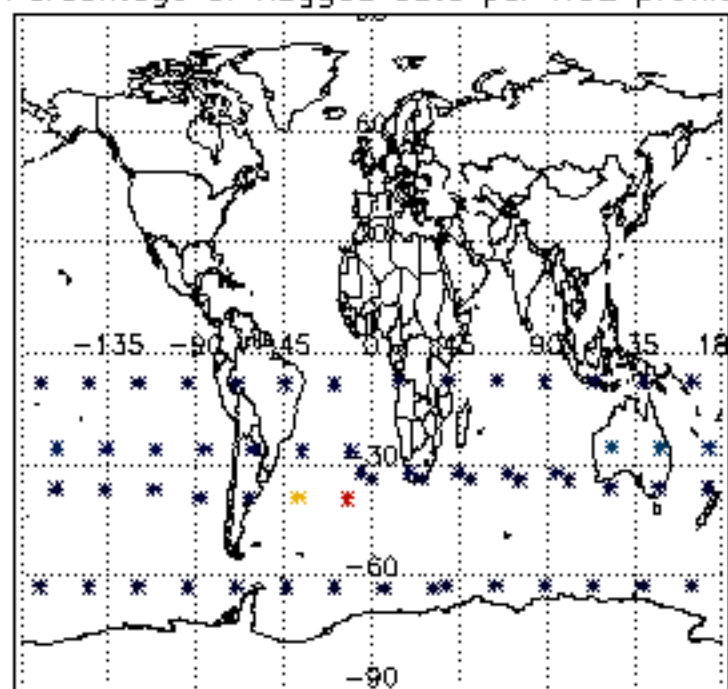
Percentage of flagged data per D3 profile



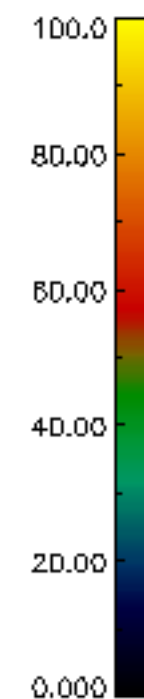
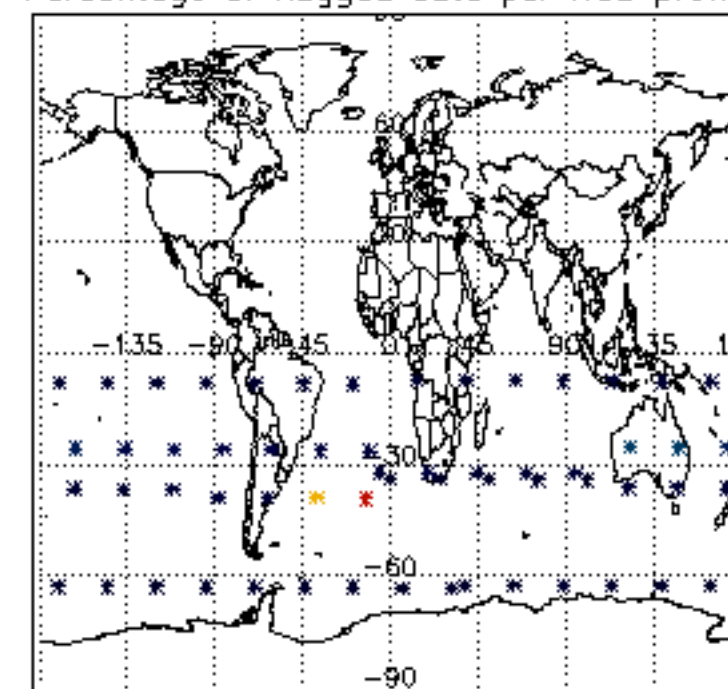
Percentage of flagged data per H2O profile

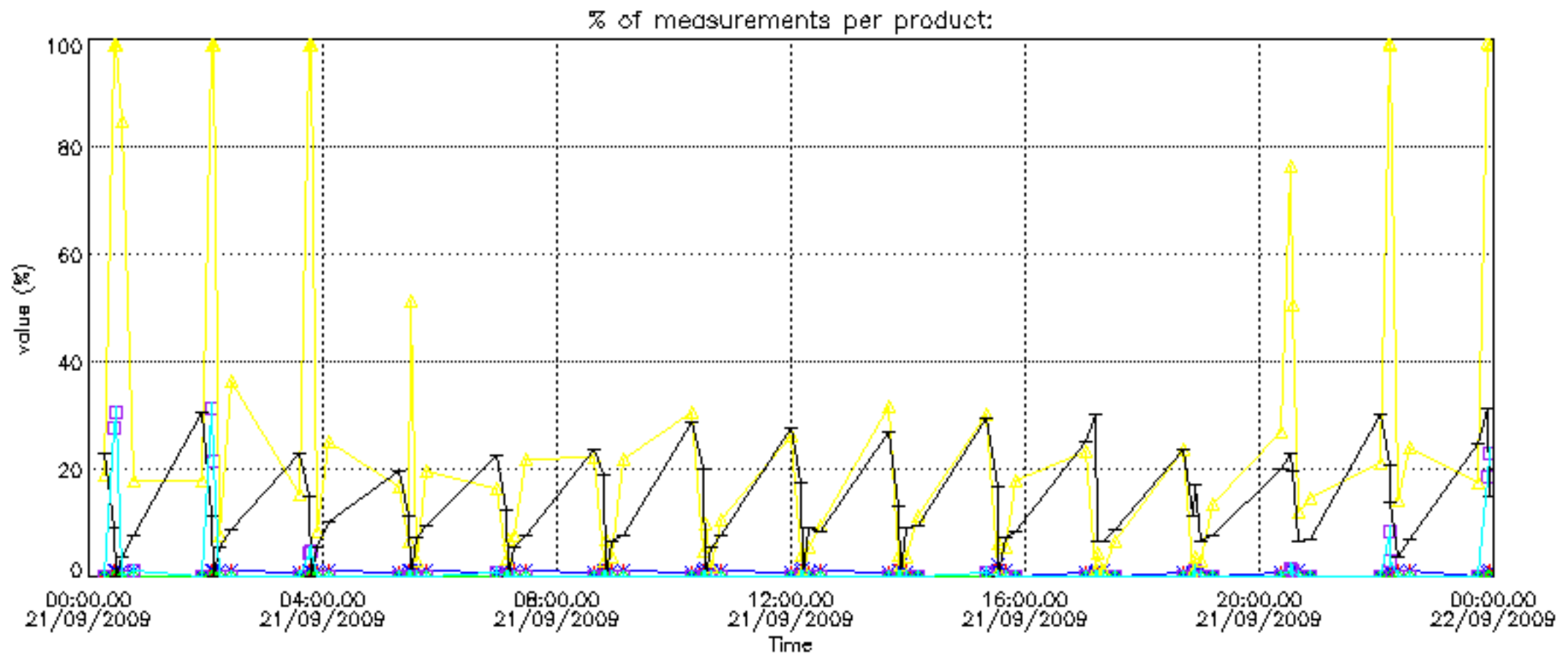


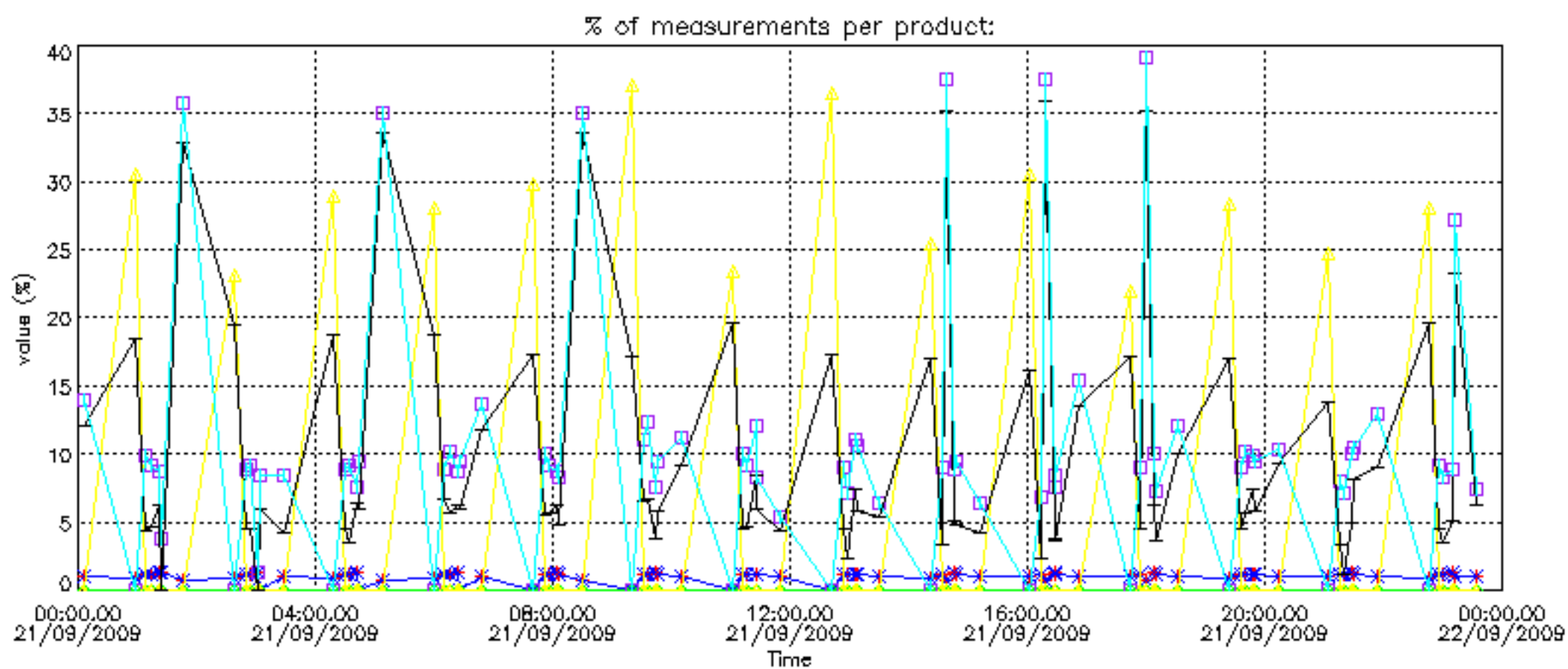
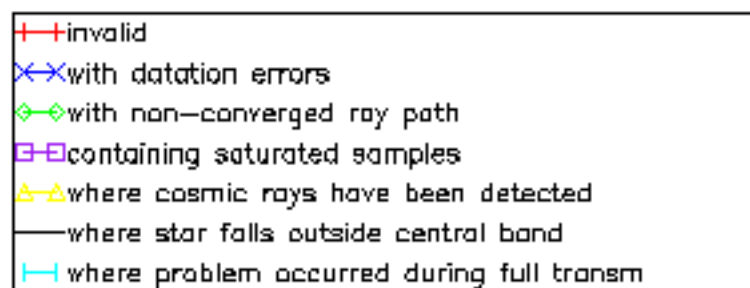
Percentage of flagged data per NO2 profile



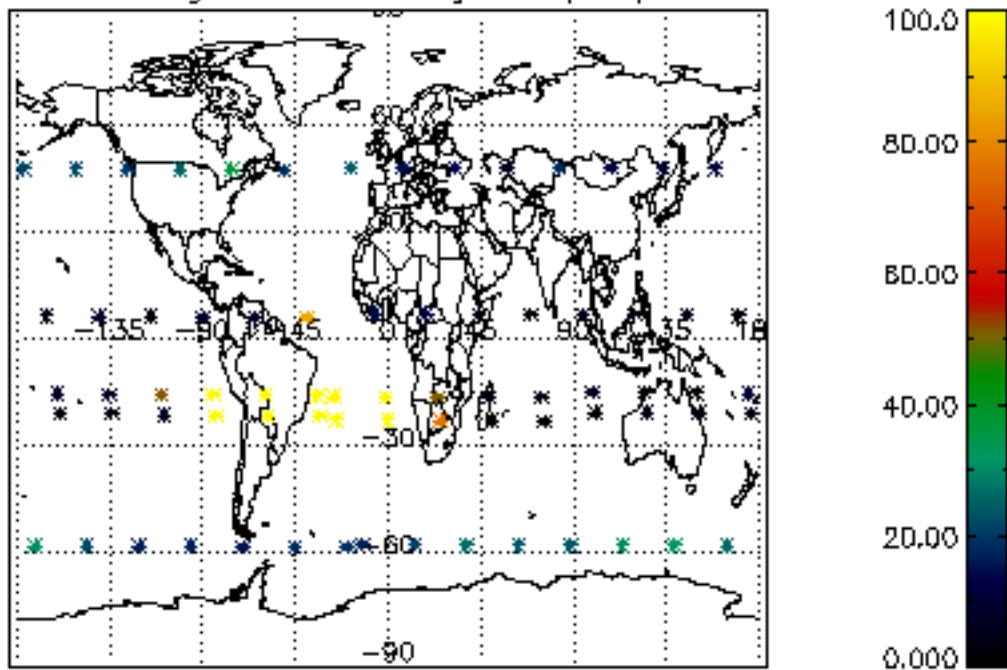
Percentage of flagged data per NO3 profile



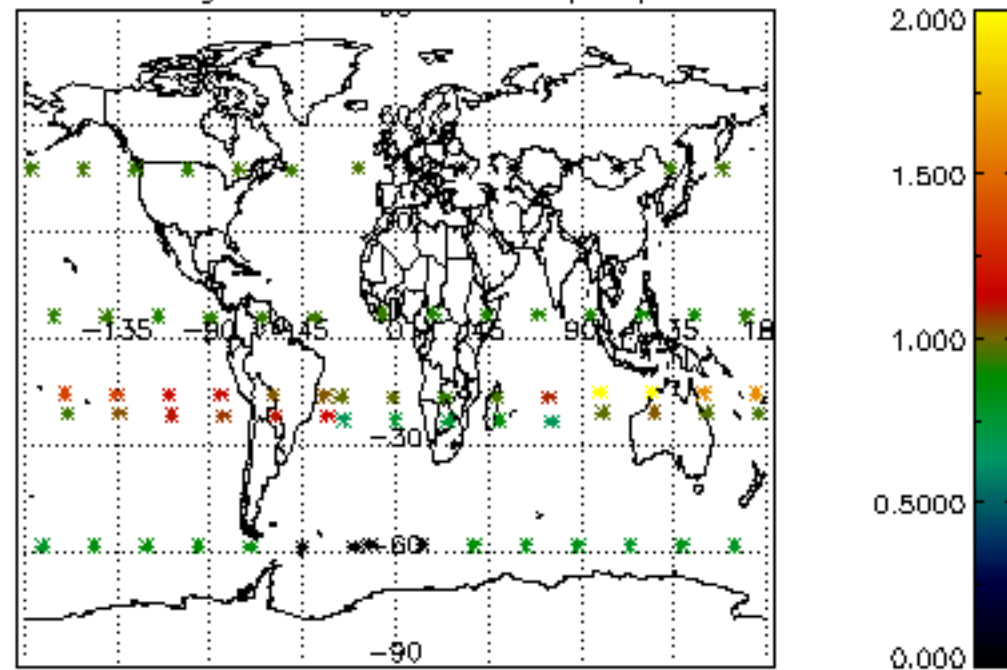




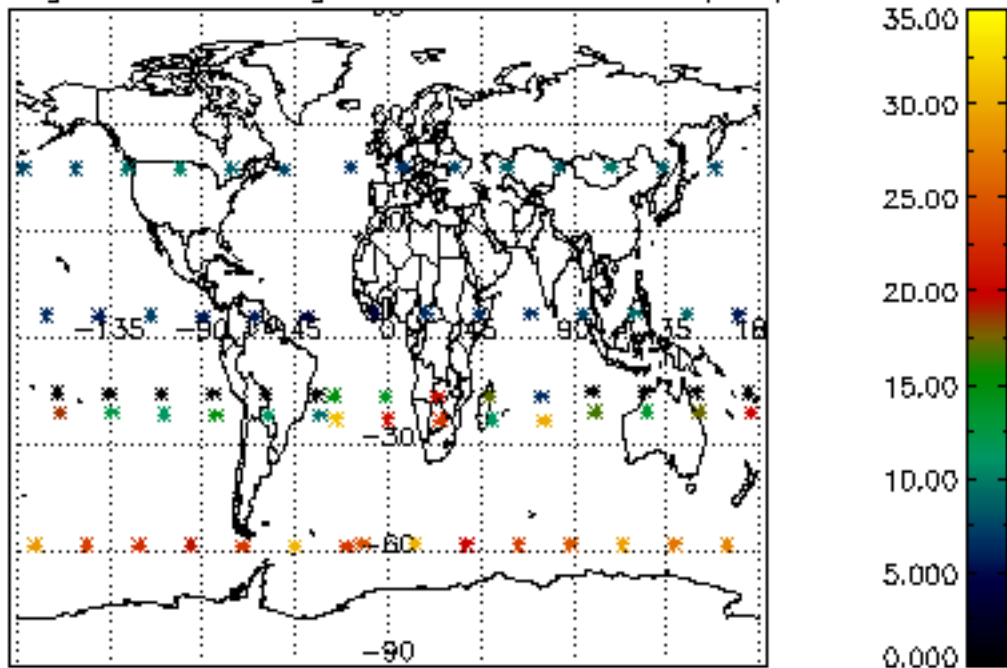
Percentage of cosmic ray hits per profile



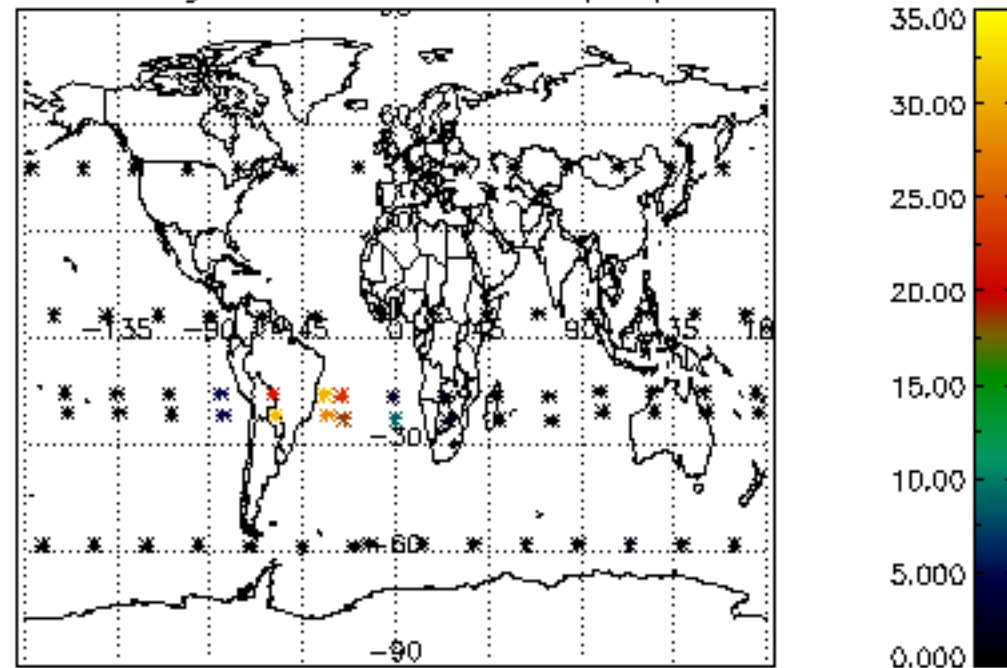
Percentage of datation errors per profile



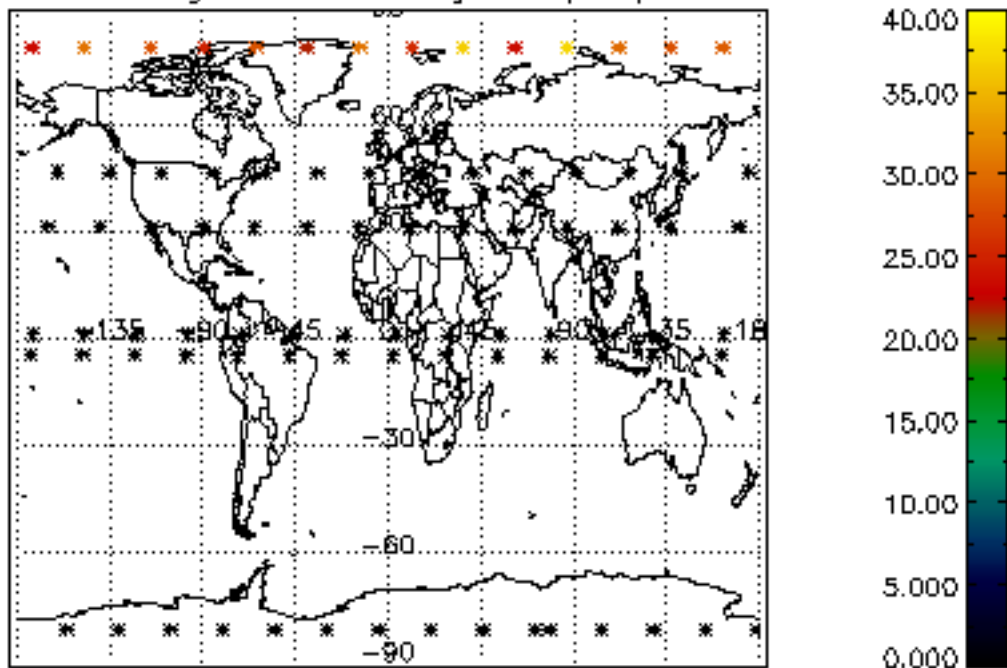
Percentage of star falling outside central band per profile



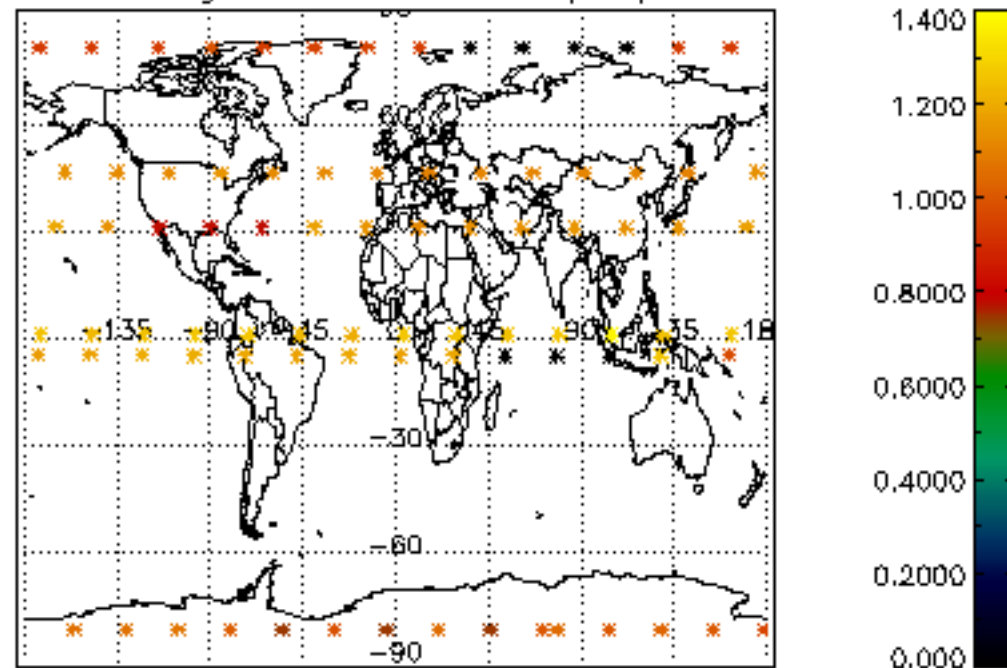
Percentage of saturation errors per profile



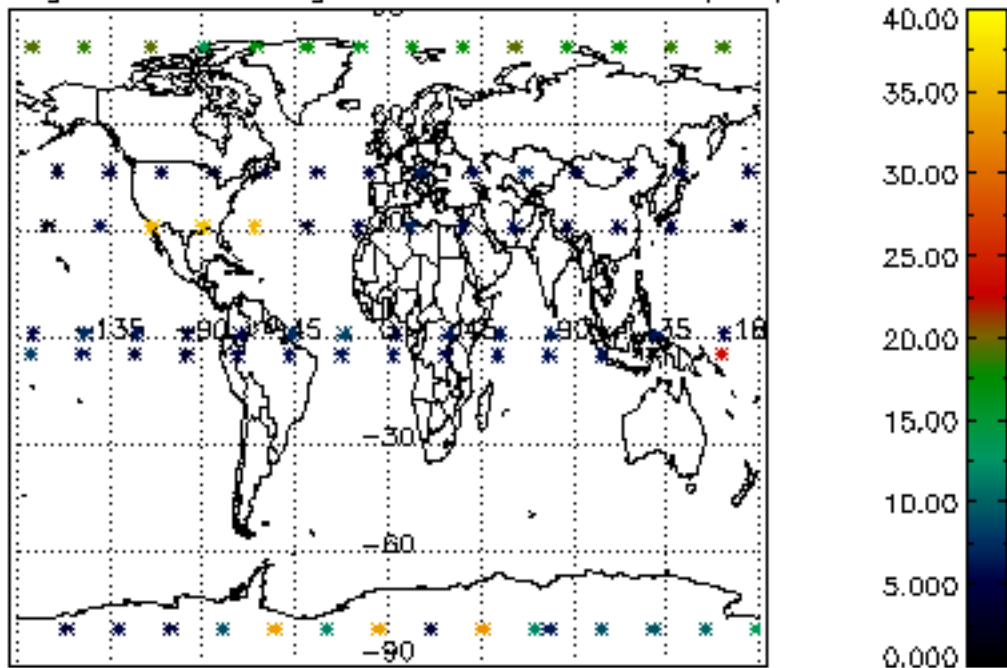
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

