

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 08:38:18
Data source version	GOMOS/6.01
Start time of products	05-04-2009 (05APR2009 00:00:00)
Stop time of products	06-04-2009 (06APR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	192
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__2PRFIN20090405_000028_000000712077_00474_37101_4552.N1	05-APR-2009 00:00:28	Bright	71.000	119	14Eta Dra	2.7270	4700.0	142	37101	No
2	GOM_NL__2PRFIN20090405_001229_000000482077_00474_37101_4553.N1	05-APR-2009 00:12:29	Bright	48.000	144	18Del Cyg	2.8600	11000.	96	37101	No
3	GOM_NL__2PRFIN20090405_001431_000000452077_00474_37101_4554.N1	05-APR-2009 00:14:31	Bright	45.000	66	37Gam Cyg	2.2080	5900.0	90	37101	No
4	GOM_NL__2PRFIN20090405_001639_000000432077_00474_37101_4555.N1	05-APR-2009 00:16:39	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	37101	No
5	GOM_NL__2PRFIN20090405_004541_000000572077_00475_37102_4556.N1	05-APR-2009 00:45:41	Dark	56.500	38	20Eps Sgr	1.8360	11000.	113	37102	No
6	GOM_NL__2PRFIN20090405_004955_000000582077_00475_37102_4557.N1	05-APR-2009 00:49:55	Dark	58.000	25	35Lam Sco	1.6200	28000.	116	37102	No
7	GOM_NL__2PRFIN20090405_005712_000000502077_00475_37102_4558.N1	05-APR-2009 00:57:12	Straylight	50.000	131	Gam Lup	2.8000	26000.	100	37102	No
8	GOM_NL__2PRFIN20090405_005926_000000482077_00475_37102_4559.N1	05-APR-2009 00:59:26	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	37102	No
9	GOM_NL__2PRFIN20090405_010204_000000522077_00475_37102_4560.N1	05-APR-2009 01:02:04	Straylight	52.000	54	5The Cen	2.0550	4500.0	104	37102	No
10	GOM_NL__2PRFIN20090405_010718_000000472077_00475_37102_4561.N1	05-APR-2009 01:07:18	Tw_i_and_stray	47.000	169	46Gam Hya	2.9910	4700.0	94	37102	No
11	GOM_NL__2PRFIN20090405_011122_000000662077_00475_37102_4562.N1	05-APR-2009 01:11:22	Bright	66.000	15	67Alp Vir	0.97600	28000.	132	37102	No
12	GOM_NL__2PRFIN20090405_011433_000000432077_00475_37102_4563.N1	05-APR-2009 01:14:33	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	37102	No
13	GOM_NL__2PRFIN20090405_011853_000000462077_00475_37102_4564.N1	05-APR-2009 01:18:53	Bright	46.000	138	47Eps Vir	2.8280	4700.0	92	37102	No
14	GOM_NL__2PRFIN20090405_012721_000000422077_00475_37102_4565.N1	05-APR-2009 01:27:21	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	37102	No
15	GOM_NL__2PRFIN20090405_013214_000000442077_00475_37102_4566.N1	05-APR-2009 01:32:14	Bright	44.000	39	85Eta UMa	1.8540	24000.	88	37102	No
16	GOM_NL__2PRFIN20090405_014103_000000452077_00475_37102_4567.N1	05-APR-2009 01:41:03	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	37102	No
17	GOM_NL__2PRFIN20090405_015304_000000472077_00475_37102_4568.N1	05-APR-2009 01:53:04	Bright	47.000	144	18Del Cyg	2.8600	11000.	94	37102	No
18	GOM_NL__2PRFIN20090405_015507_000000452077_00475_37102_4569.N1	05-APR-2009 01:55:07	Bright	44.500	66	37Gam Cyg	2.2080	5900.0	89	37102	No
19	GOM_NL__2PRFIN20090405_015715_000000442077_00475_37102_4570.N1	05-APR-2009 01:57:15	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	37102	No
20	GOM_NL__2PRFIN20090405_022250_000000602077_00475_37102_4571.N1	05-APR-2009 02:22:50	Dark	60.000	57	34Sig Sgr	2.0660	26000.	120	37102	No
21	GOM_NL__2PRFIN20090405_022619_000000562077_00476_37103_4579.N1	05-APR-2009 02:26:19	Dark	56.000	38	20Eps Sgr	1.8360	11000.	112	37103	No
22	GOM_NL__2PRFIN20090405_023033_000000582077_00476_37103_4580.N1	05-APR-2009 02:30:33	Dark	57.500	25	35Lam Sco	1.6200	28000.	115	37103	No
23	GOM_NL__2PRFIN20090405_023748_000000502077_00476_37103_4581.N1	05-APR-2009 02:37:48	Straylight	50.000	131	Gam Lup	2.8000	26000.	100	37103	No
24	GOM_NL__2PRFIN20090405_024003_000000462077_00476_37103_4582.N1	05-APR-2009 02:40:03	Straylight	46.000	81	Eta Cen	2.3560	28000.	92	37103	No
25	GOM_NL__2PRFIN20090405_024240_000000512077_00476_37103_4583.N1	05-APR-2009 02:42:40	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	37103	No
26	GOM_NL__2PRFIN20090405_024754_000000502077_00476_37103_4584.N1	05-APR-2009 02:47:54	Tw_i_and_stray	50.000	169	46Gam Hya	2.9910	4700.0	100	37103	No
27	GOM_NL__2PRFIN20090405_025159_000000612077_00476_37103_4585.N1	05-APR-2009 02:51:59	Bright	60.500	15	67Alp Vir	0.97600	28000.	121	37103	No
28	GOM_NL__2PRFIN20090405_025509_000000432077_00476_37103_4586.N1	05-APR-2009 02:55:09	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	37103	No
29	GOM_NL__2PRFIN20090405_025929_000000452077_00476_37103_4587.N1	05-APR-2009 02:59:29	Bright	44.500	138	47Eps Vir	2.8280	4700.0	89	37103	No
30	GOM_NL__2PRFIN20090405_030757_000000422077_00476_37103_4588.N1	05-APR-2009 03:07:57	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	37103	No
31	GOM_NL__2PRFIN20090405_031249_000000442077_00476_37103_4589.N1	05-APR-2009 03:12:49	Bright	44.000	39	85Eta UMa	1.8540	24000.	88	37103	No
32	GOM_NL__2PRFIN20090405_032138_000000472077_00476_37103_4590.N1	05-APR-2009 03:21:38	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	37103	No
33	GOM_NL__2PRFIN20090405_033340_000000472077_00476_37103_4591.N1	05-APR-2009 03:33:40	Bright	47.000	144	18Del Cyg	2.8600	11000.	94	37103	No
34	GOM_NL__2PRFIN20090405_033543_000000462077_00476_37103_4592.N1	05-APR-2009 03:35:43	Bright	46.000	66	37Gam Cyg	2.2080	5900.0	92	37103	No
35	GOM_NL__2PRFIN20090405_033751_000000442077_00476_37103_4593.N1	05-APR-2009 03:37:51	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	37103	No
36	GOM_NL__2PRFIN20090405_040328_000000592077_00476_37103_4594.N1	05-APR-2009 04:03:28	Dark	59.000	57	34Sig Sgr	2.0660	26000.	118	37103	No
37	GOM_NL__2PRFIN20090405_040656_000000602077_00477_37104_4590.N1	05-APR-2009 04:06:56	Dark	60.000	38	20Eps Sgr	1.8360	11000.	120	37104	No
38	GOM_NL__2PRFIN20090405_041110_000000592077_00477_37104_4591.N1	05-APR-2009 04:11:10	Dark	59.000	25	35Lam Sco	1.6200	28000.	118	37104	No
39	GOM_NL__2PRFIN20090405_041825_000000502077_00477_37104_4592.N1	05-APR-2009 04:18:25	Straylight	49.500	131	Gam Lup	2.8000	26000.	99	37104	No
40	GOM_NL__2PRFIN20090405_042039_000000472077_00477_37104_4593.N1	05-APR-2009 04:20:39	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	37104	No
41	GOM_NL__2PRFIN20090405_042316_000000512077_00477_37104_4594.N1	05-APR-2009 04:23:16	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	37104	No
42	GOM_NL__2PRFIN20090405_042830_000000482077_00477_37104_4595.N1	05-APR-2009 04:28:30	Tw_i_and_stray	48.000	169	46Gam Hya	2.9910	4700.0	96	37104	No

43	GOM_NL__2PRFIN20090405_043234_000000622077_00477_37104_4596.N1	05-APR-2009 04:32:34	Bright	61.500	15	67Alp Vir	0.97600	28000.	123	37104	No
44	GOM_NL__2PRFIN20090405_043545_000000422077_00477_37104_4597.N1	05-APR-2009 04:35:45	Bright	41.500	121	29Gam Vir	2.7400	7200.0	83	37104	No
45	GOM_NL__2PRFIN20090405_044004_000000462077_00477_37104_4598.N1	05-APR-2009 04:40:04	Bright	45.500	138	47Eps Vir	2.8280	4700.0	91	37104	No
46	GOM_NL__2PRFIN20090405_044833_000000412077_00477_37104_4599.N1	05-APR-2009 04:48:33	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	37104	No
47	GOM_NL__2PRFIN20090405_045325_000000462077_00477_37104_4600.N1	05-APR-2009 04:53:25	Bright	45.500	39	85Eta UMa	1.8540	24000.	91	37104	No
48	GOM_NL__2PRFIN20090405_050213_000000462077_00477_37104_4601.N1	05-APR-2009 05:02:13	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	37104	No
49	GOM_NL__2PRFIN20090405_051416_000000482077_00477_37104_4602.N1	05-APR-2009 05:14:16	Bright	47.500	144	18Del Cyg	2.8600	11000.	95	37104	No
50	GOM_NL__2PRFIN20090405_051619_000000452077_00477_37104_4603.N1	05-APR-2009 05:16:19	Bright	44.500	66	37Gam Cyg	2.2080	5900.0	89	37104	No
51	GOM_NL__2PRFIN20090405_051828_000000452077_00477_37104_4604.N1	05-APR-2009 05:18:28	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	37104	No
52	GOM_NL__2PRFIN20090405_054405_000000582077_00477_37104_4605.N1	05-APR-2009 05:44:05	Dark	58.000	57	34Sig Sgr	2.0660	26000.	116	37104	No
53	GOM_NL__2PRFIN20090405_054734_000000552077_00478_37105_4611.N1	05-APR-2009 05:47:34	Dark	55.000	38	20Eps Sgr	1.8360	11000.	110	37105	No
54	GOM_NL__2PRFIN20090405_055148_000000592077_00478_37105_4612.N1	05-APR-2009 05:51:48	Dark	58.500	25	35Lam Sco	1.6200	28000.	117	37105	No
55	GOM_NL__2PRFIN20090405_055902_000000492077_00478_37105_4613.N1	05-APR-2009 05:59:02	Straylight	49.000	131	Gam Lup	2.8000	26000.	98	37105	No
56	GOM_NL__2PRFIN20090405_060116_000000442077_00478_37105_4614.N1	05-APR-2009 06:01:16	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	37105	No
57	GOM_NL__2PRFIN20090405_060353_000000532077_00478_37105_4615.N1	05-APR-2009 06:03:53	Straylight	52.500	54	5The Cen	2.0550	4500.0	105	37105	No
58	GOM_NL__2PRFIN20090405_060907_000000492077_00478_37105_4616.N1	05-APR-2009 06:09:07	Tw_i_and_stray	49.000	169	46Gam Hya	2.9910	4700.0	98	37105	No
59	GOM_NL__2PRFIN20090405_061310_000000652077_00478_37105_4617.N1	05-APR-2009 06:13:10	Bright	64.500	15	67Alp Vir	0.97600	28000.	129	37105	No
60	GOM_NL__2PRFIN20090405_061620_000000442077_00478_37105_4618.N1	05-APR-2009 06:16:20	Bright	43.500	121	29Gam Vir	2.7400	7200.0	87	37105	No
61	GOM_NL__2PRFIN20090405_062040_000000462077_00478_37105_4619.N1	05-APR-2009 06:20:40	Bright	45.500	138	47Eps Vir	2.8280	4700.0	91	37105	No
62	GOM_NL__2PRFIN20090405_062908_000000412077_00478_37105_4620.N1	05-APR-2009 06:29:08	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	37105	No
63	GOM_NL__2PRFIN20090405_063400_000000442077_00478_37105_4621.N1	05-APR-2009 06:34:00	Bright	44.000	39	85Eta UMa	1.8540	24000.	88	37105	No
64	GOM_NL__2PRFIN20090405_064249_000000462077_00478_37105_4622.N1	05-APR-2009 06:42:49	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	37105	No
65	GOM_NL__2PRFIN20090405_065452_000000472077_00478_37105_4623.N1	05-APR-2009 06:54:52	Bright	47.000	144	18Del Cyg	2.8600	11000.	94	37105	No
66	GOM_NL__2PRFIN20090405_065655_000000472077_00478_37105_4624.N1	05-APR-2009 06:56:55	Bright	46.500	66	37Gam Cyg	2.2080	5900.0	93	37105	No
67	GOM_NL__2PRFIN20090405_065904_000000452077_00478_37105_4625.N1	05-APR-2009 06:59:04	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	37105	No
68	GOM_NL__2PRFIN20090405_072443_000000572077_00478_37105_4626.N1	05-APR-2009 07:24:43	Dark	57.000	57	34Sig Sgr	2.0660	26000.	114	37105	No
69	GOM_NL__2PRFIN20090405_072811_000000562077_00479_37106_4626.N1	05-APR-2009 07:28:11	Dark	56.000	38	20Eps Sgr	1.8360	11000.	112	37106	No
70	GOM_NL__2PRFIN20090405_073225_000000622077_00479_37106_4627.N1	05-APR-2009 07:32:25	Dark	61.500	25	35Lam Sco	1.6200	28000.	123	37106	No
71	GOM_NL__2PRFIN20090405_073939_000000512077_00479_37106_4628.N1	05-APR-2009 07:39:39	Straylight	50.500	131	Gam Lup	2.8000	26000.	101	37106	No
72	GOM_NL__2PRFIN20090405_074152_000000472077_00479_37106_4629.N1	05-APR-2009 07:41:52	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	37106	No
73	GOM_NL__2PRFIN20090405_074430_000000512077_00479_37106_4630.N1	05-APR-2009 07:44:30	Straylight	51.000	54	5The Cen	2.0550	4500.0	102	37106	No
74	GOM_NL__2PRFIN20090405_074943_000000482077_00479_37106_4631.N1	05-APR-2009 07:49:43	Tw_i_and_stray	47.500	169	46Gam Hya	2.9910	4700.0	95	37106	No
75	GOM_NL__2PRFIN20090405_075346_000000662077_00479_37106_4632.N1	05-APR-2009 07:53:46	Bright	65.500	15	67Alp Vir	0.97600	28000.	131	37106	No
76	GOM_NL__2PRFIN20090405_075656_000000412077_00479_37106_4633.N1	05-APR-2009 07:56:56	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	37106	No
77	GOM_NL__2PRFIN20090405_080116_000000442077_00479_37106_4634.N1	05-APR-2009 08:01:16	Bright	44.000	138	47Eps Vir	2.8280	4700.0	88	37106	No
78	GOM_NL__2PRFIN20090405_080943_000000412077_00479_37106_4635.N1	05-APR-2009 08:09:43	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	37106	No
79	GOM_NL__2PRFIN20090405_081435_000000502077_00479_37106_4636.N1	05-APR-2009 08:14:35	Bright	49.500	39	85Eta UMa	1.8540	24000.	99	37106	No
80	GOM_NL__2PRFIN20090405_082324_000000482077_00479_37106_4637.N1	05-APR-2009 08:23:24	Bright	48.000	119	14Eta Dra	2.7270	4700.0	96	37106	No
81	GOM_NL__2PRFIN20090405_083527_000000492077_00479_37106_4638.N1	05-APR-2009 08:35:27	Bright	48.500	144	18Del Cyg	2.8600	11000.	97	37106	No
82	GOM_NL__2PRFIN20090405_083731_000000532077_00479_37106_4639.N1	05-APR-2009 08:37:31	Bright	52.500	66	37Gam Cyg	2.2080	5900.0	105	37106	No
83	GOM_NL__2PRFIN20090405_083940_000000432077_00479_37106_4640.N1	05-APR-2009 08:39:40	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	37106	No
84	GOM_NL__2PRFIN20090405_090520_000000582077_00479_37106_4641.N1	05-APR-2009 09:05:20	Dark	58.000	57	34Sig Sgr	2.0660	26000.	116	37106	No
85	GOM_NL__2PRFIN20090405_090848_000000592077_00480_37107_4640.N1	05-APR-2009 09:08:48	Dark	59.000	38	20Eps Sgr	1.8360	11000.	118	37107	No
86	GOM_NL__2PRFIN20090405_091302_000000612077_00480_37107_4641.N1	05-APR-2009 09:13:02	Dark	60.500	25	35Lam Sco	1.6200	28000.	121	37107	No
87	GOM_NL__2PRFIN20090405_092016_000000502077_00480_37107_4642.N1	05-APR-2009 09:20:16	Straylight	49.500	131	Gam Lup	2.8000	26000.	99	37107	No
88	GOM_NL__2PRFIN20090405_092229_000000462077_00480_37107_4643.N1	05-APR-2009 09:22:29	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	37107	No
89	GOM_NL__2PRFIN20090405_092506_000000502077_00480_37107_4644.N1	05-APR-2009 09:25:06	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	37107	No
90	GOM_NL__2PRFIN20090405_093019_000000472077_00480_37107_4645.N1	05-APR-2009 09:30:19	Tw_i_and_stray	46.500	169	46Gam Hya	2.9910	4700.0	93	37107	No
91	GOM_NL__2PRFIN20090405_093422_000000662077_00480_37107_4646.N1	05-APR-2009 09:34:22	Bright	66.000	15	67Alp Vir	0.97600	28000.	132	37107	No
92	GOM_NL__2PRFIN20090405_093732_000000432077_00480_37107_4647.N1	05-APR-2009 09:37:32	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	37107	No
93	GOM_NL__2PRFIN20090405_094151_000000572077_00480_37107_4648.N1	05-APR-2009 09:41:51	Bright	56.500	138	47Eps Vir	2.8280	4700.0	113	37107	No
94	GOM_NL__2PRFIN20090405_095019_000000422077_00480_37107_4649.N1	05-APR-2009 09:50:19	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	37107	No
95	GOM_NL__2PRFIN20090405_095510_000000452077_00480_37107_4650.N1	05-APR-2009 09:55:10	Bright	45.000	39	85Eta UMa	1.8540	24000.	90	37107	No
96	GOM_NL__2PRFIN20090405_100359_000000472077_00480_37107_4651.N1	05-APR-2009 10:03:59	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37107	No
97	GOM_NL__2PRFIN20090405_101603_000000492077_00480_37107_4652.N1	05-APR-2009 10:16:03	Bright	49.000	144	18Del Cyg	2.8600	11000.	98	37107	No
98	GOM_NL__2PRFIN20090405_101807_000000472077_00480_37107_4653.N1	05-APR-2009 10:18:07	Bright	46.500	66	37Gam Cyg	2.2080	5900.0	93	37107	No
99	GOM_NL__2PRFIN20090405_102016_000000462077_00480_37107_4654.N1	05-APR-2009 10:20:16	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	37107	No
100	GOM_NL__2PRFIN20090405_104558_000000582077_00480_37107_4655.N1	05-APR-2009 10:45:58	Dark	57.500	57	34Sig Sgr	2.0660	26000.	115	37107	No
101	GOM_NL__2PRFIN20090405_104925_000000572077_00481_37108_4672.N1	05-APR-2009 10:49:25	Dark	56.500	38	20Eps Sgr	1.8360	11000.	113	37108	No

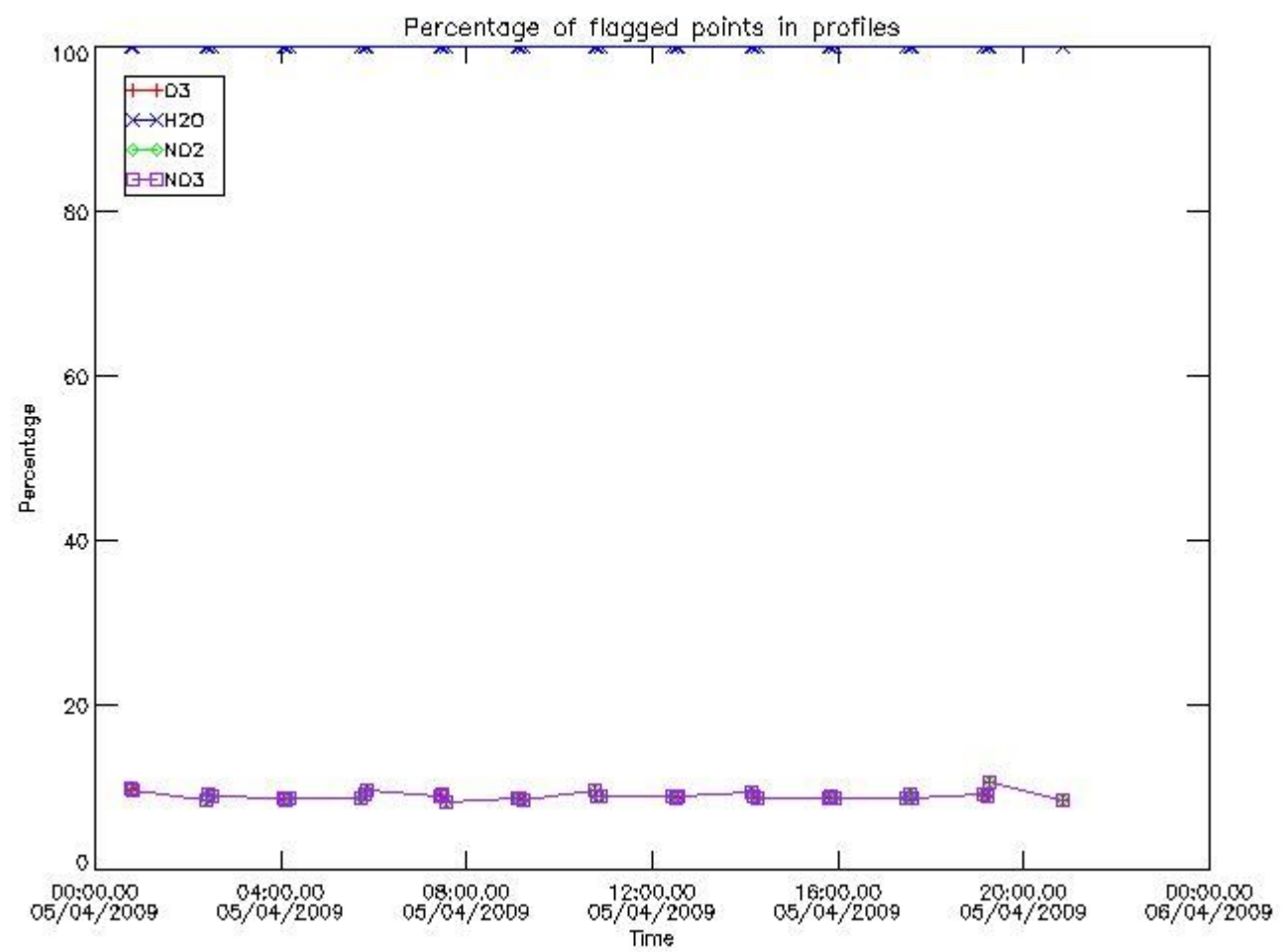
102	GOM_NL__2PRFIN20090405_105339_000000572077_00481_37108_4673.N1	05-APR-2009 10:53:39	Dark	56.500	25	35Lam Sco	1.6200	28000.	113	37108	No
103	GOM_NL__2PRFIN20090405_110052_000000512077_00481_37108_4674.N1	05-APR-2009 11:00:52	Straylight	50.500	131	Gam Lup	2.8000	26000.	101	37108	No
104	GOM_NL__2PRFIN20090405_110305_000000442077_00481_37108_4675.N1	05-APR-2009 11:03:05	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	37108	No
105	GOM_NL__2PRFIN20090405_110542_000000532077_00481_37108_4676.N1	05-APR-2009 11:05:42	Straylight	52.500	54	5The Cen	2.0550	4500.0	105	37108	No
106	GOM_NL__2PRFIN20090405_111055_000000492077_00481_37108_4677.N1	05-APR-2009 11:10:55	Tw_i_and_stray	48.500	169	46Gam Hya	2.9910	4700.0	97	37108	No
107	GOM_NL__2PRFIN20090405_111458_000000652077_00481_37108_4678.N1	05-APR-2009 11:14:58	Bright	64.500	15	67Alp Vir	0.97600	28000.	129	37108	No
108	GOM_NL__2PRFIN20090405_111807_000000442077_00481_37108_4679.N1	05-APR-2009 11:18:07	Bright	43.500	121	29Gam Vir	2.7400	7200.0	87	37108	No
109	GOM_NL__2PRFIN20090405_112227_000000442077_00481_37108_4680.N1	05-APR-2009 11:22:27	Bright	44.000	138	47Eps Vir	2.8280	4700.0	88	37108	No
110	GOM_NL__2PRFIN20090405_113054_000000402077_00481_37108_4681.N1	05-APR-2009 11:30:54	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	37108	No
111	GOM_NL__2PRFIN20090405_113545_000000472077_00481_37108_4682.N1	05-APR-2009 11:35:45	Bright	47.000	39	85Eta UMa	1.8540	24000.	94	37108	No
112	GOM_NL__2PRFIN20090405_114434_000000482077_00481_37108_4683.N1	05-APR-2009 11:44:34	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	37108	No
113	GOM_NL__2PRFIN20090405_115639_000000482077_00481_37108_4684.N1	05-APR-2009 11:56:39	Bright	47.500	144	18Del Cyg	2.8600	11000.	95	37108	No
114	GOM_NL__2PRFIN20090405_115842_000000552077_00481_37108_4685.N1	05-APR-2009 11:58:42	Bright	54.500	66	37Gam Cyg	2.2080	5900.0	109	37108	No
115	GOM_NL__2PRFIN20090405_120051_000000452077_00481_37108_4686.N1	05-APR-2009 12:00:51	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	37108	No
116	GOM_NL__2PRFIN20090405_122635_000000572077_00481_37108_4687.N1	05-APR-2009 12:26:35	Dark	56.500	57	34Sig Sgr	2.0660	26000.	113	37108	No
117	GOM_NL__2PRFIN20090405_123003_000000592077_00482_37109_4683.N1	05-APR-2009 12:30:03	Dark	59.000	38	20Eps Sgr	1.8360	11000.	118	37109	No
118	GOM_NL__2PRFIN20090405_123416_000000572077_00482_37109_4684.N1	05-APR-2009 12:34:16	Dark	57.000	25	35Lam Sco	1.6200	28000.	114	37109	No
119	GOM_NL__2PRFIN20090405_124129_000000522077_00482_37109_4685.N1	05-APR-2009 12:41:29	Straylight	52.000	131	Gam Lup	2.8000	26000.	104	37109	No
120	GOM_NL__2PRFIN20090405_124342_000000412077_00482_37109_4686.N1	05-APR-2009 12:43:42	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	37109	No
121	GOM_NL__2PRFIN20090405_124619_000000482077_00482_37109_4687.N1	05-APR-2009 12:46:19	Straylight	48.000	54	5The Cen	2.0550	4500.0	96	37109	No
122	GOM_NL__2PRFIN20090405_125131_000000482077_00482_37109_4688.N1	05-APR-2009 12:51:31	Tw_i_and_stray	48.000	169	46Gam Hya	2.9910	4700.0	96	37109	No
123	GOM_NL__2PRFIN20090405_125534_000000652077_00482_37109_4689.N1	05-APR-2009 12:55:34	Bright	64.500	15	67Alp Vir	0.97600	28000.	129	37109	No
124	GOM_NL__2PRFIN20090405_125848_000000382077_00482_37109_4690.N1	05-APR-2009 12:58:48	Bright	38.000	121	29Gam Vir	2.7400	7200.0	76	37109	No
125	GOM_NL__2PRFIN20090405_130302_000000442077_00482_37109_4691.N1	05-APR-2009 13:03:02	Bright	43.500	138	47Eps Vir	2.8280	4700.0	87	37109	No
126	GOM_NL__2PRFIN20090405_131130_000000422077_00482_37109_4692.N1	05-APR-2009 13:11:30	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	37109	No
127	GOM_NL__2PRFIN20090405_131621_000000452077_00482_37109_4693.N1	05-APR-2009 13:16:21	Bright	45.000	39	85Eta UMa	1.8540	24000.	90	37109	No
128	GOM_NL__2PRFIN20090405_132510_000000462077_00482_37109_4694.N1	05-APR-2009 13:25:10	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	37109	No
129	GOM_NL__2PRFIN20090405_133714_000000582077_00482_37109_4695.N1	05-APR-2009 13:37:14	Bright	58.000	144	18Del Cyg	2.8600	11000.	116	37109	No
130	GOM_NL__2PRFIN20090405_133918_000000482077_00482_37109_4696.N1	05-APR-2009 13:39:18	Bright	47.500	66	37Gam Cyg	2.2080	5900.0	95	37109	No
131	GOM_NL__2PRFIN20090405_134128_000000452077_00482_37109_4697.N1	05-APR-2009 13:41:28	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	37109	No
132	GOM_NL__2PRFIN20090405_140712_000000592077_00482_37109_4698.N1	05-APR-2009 14:07:12	Dark	59.000	57	34Sig Sgr	2.0660	26000.	118	37109	No
133	GOM_NL__2PRFIN20090405_141040_000000582077_00483_37110_4697.N1	05-APR-2009 14:10:40	Dark	57.500	38	20Eps Sgr	1.8360	11000.	115	37110	No
134	GOM_NL__2PRFIN20090405_141454_000000582077_00483_37110_4698.N1	05-APR-2009 14:14:54	Dark	58.000	25	35Lam Sco	1.6200	28000.	116	37110	No
135	GOM_NL__2PRFIN20090405_142206_000000492077_00483_37110_4699.N1	05-APR-2009 14:22:06	Straylight	49.000	131	Gam Lup	2.8000	26000.	98	37110	No
136	GOM_NL__2PRFIN20090405_142418_000000452077_00483_37110_4700.N1	05-APR-2009 14:24:18	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	37110	No
137	GOM_NL__2PRFIN20090405_142655_000000502077_00483_37110_4701.N1	05-APR-2009 14:26:55	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	37110	No
138	GOM_NL__2PRFIN20090405_143207_000000472077_00483_37110_4702.N1	05-APR-2009 14:32:07	Tw_i_and_stray	47.000	169	46Gam Hya	2.9910	4700.0	94	37110	No
139	GOM_NL__2PRFIN20090405_143610_000000652077_00483_37110_4703.N1	05-APR-2009 14:36:10	Bright	65.000	15	67Alp Vir	0.97600	28000.	130	37110	No
140	GOM_NL__2PRFIN20090405_144337_000000452077_00483_37110_4704.N1	05-APR-2009 14:43:37	Bright	45.000	138	47Eps Vir	2.8280	4700.0	90	37110	No
141	GOM_NL__2PRFIN20090405_145205_000000422077_00483_37110_4705.N1	05-APR-2009 14:52:05	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	37110	No
142	GOM_NL__2PRFIN20090405_145656_000000482077_00483_37110_4706.N1	05-APR-2009 14:56:56	Bright	47.500	39	85Eta UMa	1.8540	24000.	95	37110	No
143	GOM_NL__2PRFIN20090405_150545_000000472077_00483_37110_4707.N1	05-APR-2009 15:05:45	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37110	No
144	GOM_NL__2PRFIN20090405_151813_000000612077_00483_37110_4708.N1	05-APR-2009 15:18:13	Bright	61.000	19	50Alp Cyg	1.2460	10500.	122	37110	No
145	GOM_NL__2PRFIN20090405_151954_000000542077_00483_37110_4709.N1	05-APR-2009 15:19:54	Bright	54.000	66	37Gam Cyg	2.2080	5900.0	108	37110	No
146	GOM_NL__2PRFIN20090405_152204_000000502077_00483_37110_4710.N1	05-APR-2009 15:22:04	Bright	50.000	92	53Eps Cyg	2.5000	4500.0	100	37110	No
147	GOM_NL__2PRFIN20090405_154750_000000592077_00483_37110_4711.N1	05-APR-2009 15:47:50	Dark	58.500	57	34Sig Sgr	2.0660	26000.	117	37110	No
148	GOM_NL__2PRFIN20090405_155117_000000572077_00484_37111_4715.N1	05-APR-2009 15:51:17	Dark	57.000	38	20Eps Sgr	1.8360	11000.	114	37111	No
149	GOM_NL__2PRFIN20090405_155531_000000602077_00484_37111_4716.N1	05-APR-2009 15:55:31	Dark	59.500	25	35Lam Sco	1.6200	28000.	119	37111	No
150	GOM_NL__2PRFIN20090405_160242_000000492077_00484_37111_4717.N1	05-APR-2009 16:02:42	Straylight	49.000	131	Gam Lup	2.8000	26000.	98	37111	No
151	GOM_NL__2PRFIN20090405_160455_000000462077_00484_37111_4718.N1	05-APR-2009 16:04:55	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	37111	No
152	GOM_NL__2PRFIN20090405_160731_000000502077_00484_37111_4719.N1	05-APR-2009 16:07:31	Straylight	50.000	54	5The Cen	2.0550	4500.0	100	37111	No
153	GOM_NL__2PRFIN20090405_161243_000000482077_00484_37111_4720.N1	05-APR-2009 16:12:43	Tw_i_and_stray	48.000	169	46Gam Hya	2.9910	4700.0	96	37111	No
154	GOM_NL__2PRFIN20090405_161646_000000582077_00484_37111_4721.N1	05-APR-2009 16:16:46	Bright	57.500	15	67Alp Vir	0.97600	28000.	115	37111	No
155	GOM_NL__2PRFIN20090405_162413_000000452077_00484_37111_4722.N1	05-APR-2009 16:24:13	Bright	45.000	138	47Eps Vir	2.8280	4700.0	90	37111	No
156	GOM_NL__2PRFIN20090405_163240_000000422077_00484_37111_4723.N1	05-APR-2009 16:32:40	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	37111	No
157	GOM_NL__2PRFIN20090405_163731_000000452077_00484_37111_4724.N1	05-APR-2009 16:37:31	Bright	44.500	39	85Eta UMa	1.8540	24000.	89	37111	No
158	GOM_NL__2PRFIN20090405_164620_000000472077_00484_37111_4725.N1	05-APR-2009 16:46:20	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	37111	No
159	GOM_NL__2PRFIN20090405_165849_000000452077_00484_37111_4726.N1	05-APR-2009 16:58:49	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	37111	No
160	GOM_NL__2PRFIN20090405_170030_000000662077_00484_37111_4727.N1	05-APR-2009 17:00:30	Bright	66.000	66	37Gam Cyg	2.2080	5900.0	132	37111	No

161	GOM_NL__2PRFIN20090405_170240_000000632077_00484_37111_4728.N1	05-APR-2009 17:02:40	Bright	63.000	92	53Eps Cyg	2.5000	4500.0	126	37111	No
162	GOM_NL__2PRFIN20090405_172827_000000582077_00484_37111_4729.N1	05-APR-2009 17:28:27	Dark	58.000	57	34Sig Sgr	2.0660	26000.	116	37111	No
163	GOM_NL__2PRFIN20090405_173155_000000562077_00485_37112_4729.N1	05-APR-2009 17:31:55	Dark	56.000	38	20Eps Sgr	1.8360	11000.	112	37112	No
164	GOM_NL__2PRFIN20090405_173608_000000592077_00485_37112_4730.N1	05-APR-2009 17:36:08	Dark	59.000	25	35Lam Sco	1.6200	28000.	118	37112	No
165	GOM_NL__2PRFIN20090405_174319_000000512077_00485_37112_4731.N1	05-APR-2009 17:43:19	Straylight	50.500	131	Gam Lup	2.8000	26000.	101	37112	No
166	GOM_NL__2PRFIN20090405_174531_000000472077_00485_37112_4732.N1	05-APR-2009 17:45:31	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	37112	No
167	GOM_NL__2PRFIN20090405_174808_000000492077_00485_37112_4733.N1	05-APR-2009 17:48:08	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	37112	No
168	GOM_NL__2PRFIN20090405_175320_000000472077_00485_37112_4734.N1	05-APR-2009 17:53:20	Tw_i_and_stray	47.000	169	46Gam Hya	2.9910	4700.0	94	37112	No
169	GOM_NL__2PRFIN20090405_175722_000000572077_00485_37112_4735.N1	05-APR-2009 17:57:22	Bright	56.500	15	67Alp Vir	0.97600	28000.	113	37112	No
170	GOM_NL__2PRFIN20090405_180449_000000642077_00485_37112_4736.N1	05-APR-2009 18:04:49	Bright	64.000	138	47Eps Vir	2.8280	4700.0	128	37112	No
171	GOM_NL__2PRFIN20090405_181316_000000412077_00485_37112_4737.N1	05-APR-2009 18:13:16	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	37112	No
172	GOM_NL__2PRFIN20090405_181806_000000452077_00485_37112_4738.N1	05-APR-2009 18:18:06	Bright	44.500	39	85Eta UMa	1.8540	24000.	89	37112	No
173	GOM_NL__2PRFIN20090405_182655_000000482077_00485_37112_4739.N1	05-APR-2009 18:26:55	Bright	48.000	119	14Eta Dra	2.7270	4700.0	96	37112	No
174	GOM_NL__2PRFIN20090405_183925_000000482077_00485_37112_4740.N1	05-APR-2009 18:39:25	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	37112	No
175	GOM_NL__2PRFIN20090405_184106_000000482077_00485_37112_4741.N1	05-APR-2009 18:41:06	Bright	48.000	66	37Gam Cyg	2.2080	5900.0	96	37112	No
176	GOM_NL__2PRFIN20090405_184316_000000622077_00485_37112_4742.N1	05-APR-2009 18:43:16	Bright	61.500	92	53Eps Cyg	2.5000	4500.0	123	37112	No
177	GOM_NL__2PRFIN20090405_190905_000000612077_00485_37112_4743.N1	05-APR-2009 19:09:05	Dark	60.500	57	34Sig Sgr	2.0660	26000.	121	37112	No
178	GOM_NL__2PRFIN20090405_191232_000000572077_00486_37113_4743.N1	05-APR-2009 19:12:32	Dark	56.500	38	20Eps Sgr	1.8360	11000.	113	37113	No
179	GOM_NL__2PRFIN20090405_191646_000000582077_00486_37113_4744.N1	05-APR-2009 19:16:46	Dark	58.000	25	35Lam Sco	1.6200	28000.	116	37113	No
180	GOM_NL__2PRFIN20090405_192356_000000502077_00486_37113_4745.N1	05-APR-2009 19:23:56	Straylight	50.000	131	Gam Lup	2.8000	26000.	100	37113	No
181	GOM_NL__2PRFIN20090405_192608_000000442077_00486_37113_4746.N1	05-APR-2009 19:26:08	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	37113	No
182	GOM_NL__2PRFIN20090405_192844_000000532077_00486_37113_4747.N1	05-APR-2009 19:28:44	Straylight	53.000	54	5The Cen	2.0550	4500.0	106	37113	No
183	GOM_NL__2PRFIN20090405_193355_000000492077_00486_37113_4748.N1	05-APR-2009 19:33:55	Tw_i_and_stray	49.000	169	46Gam Hya	2.9910	4700.0	98	37113	No
184	GOM_NL__2PRFIN20090405_193758_000000612077_00486_37113_4749.N1	05-APR-2009 19:37:58	Bright	60.500	15	67Alp Vir	0.97600	28000.	121	37113	No
185	GOM_NL__2PRFIN20090405_194524_000000442077_00486_37113_4750.N1	05-APR-2009 19:45:24	Bright	44.000	138	47Eps Vir	2.8280	4700.0	88	37113	No
186	GOM_NL__2PRFIN20090405_195351_000000622077_00486_37113_4751.N1	05-APR-2009 19:53:51	Bright	62.000	152	12Alp2CVn	2.8900	11000.	124	37113	No
187	GOM_NL__2PRFIN20090405_195842_000000472077_00486_37113_4752.N1	05-APR-2009 19:58:42	Bright	46.500	39	85Eta UMa	1.8540	24000.	93	37113	No
188	GOM_NL__2PRFIN20090405_200730_000000712077_00486_37113_4753.N1	05-APR-2009 20:07:30	Bright	71.000	119	14Eta Dra	2.7270	4700.0	142	37113	No
189	GOM_NL__2PRFIN20090405_202000_000000432077_00486_37113_4754.N1	05-APR-2009 20:20:00	Bright	43.000	19	50Alp Cyg	1.2460	10500.	86	37113	No
190	GOM_NL__2PRFIN20090405_202142_000000472077_00486_37113_4755.N1	05-APR-2009 20:21:42	Bright	47.000	66	37Gam Cyg	2.2080	5900.0	94	37113	No
191	GOM_NL__2PRFIN20090405_202352_000000472077_00486_37113_4756.N1	05-APR-2009 20:23:52	Bright	46.500	92	53Eps Cyg	2.5000	4500.0	93	37113	No
192	GOM_NL__2PRFIN20090405_204942_000000602077_00486_37113_4757.N1	05-APR-2009 20:49:42	Dark	59.500	57	34Sig Sgr	2.0660	26000.	119	37113	No

3. Quality information per product

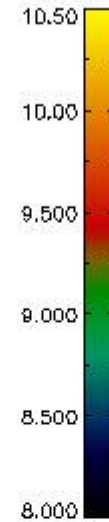
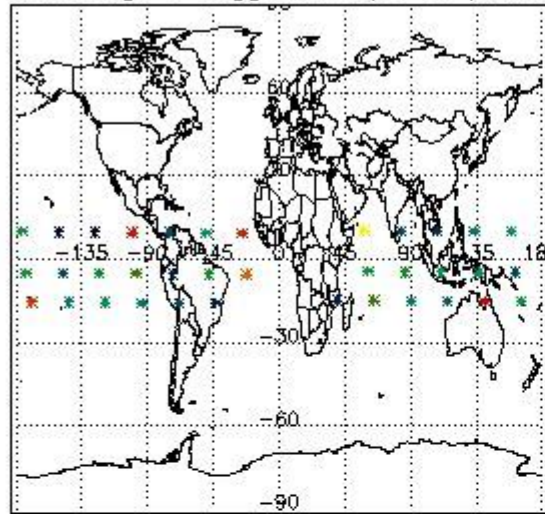
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

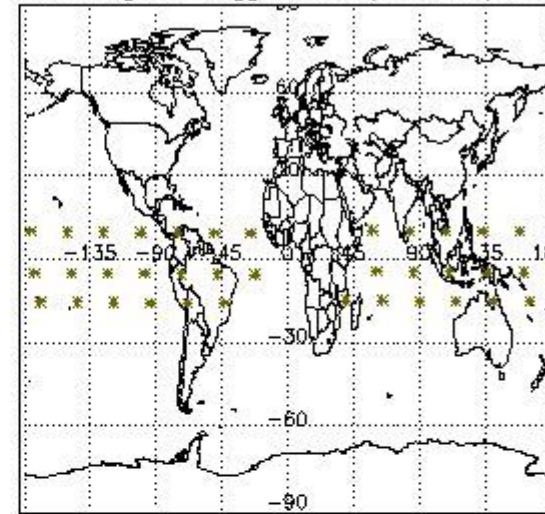


3.2 Plot quality information per product (world map)

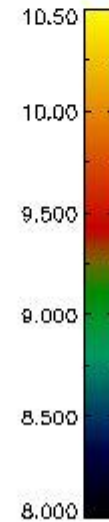
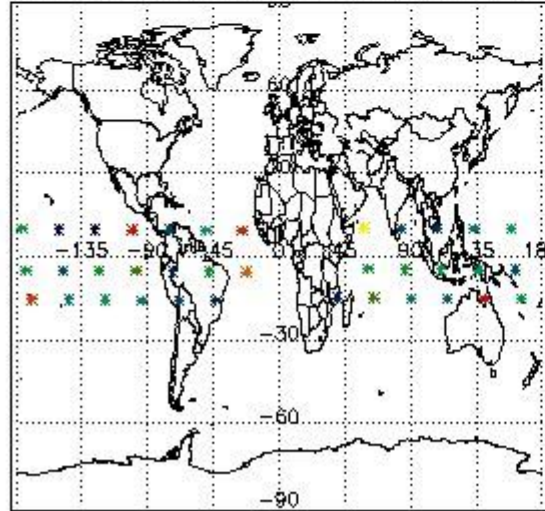
Percentage of flagged data per O3 profile



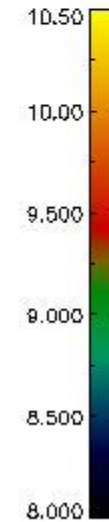
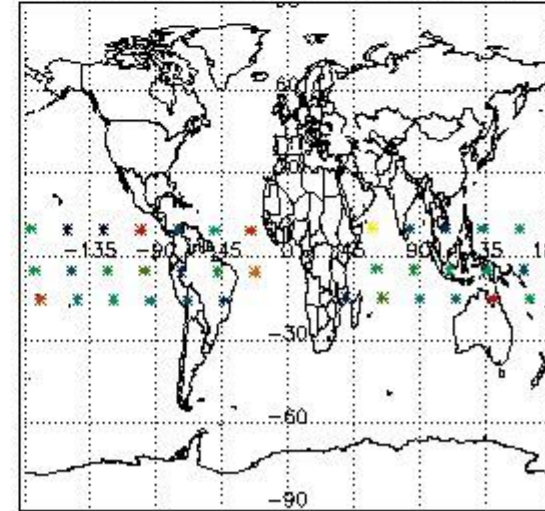
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

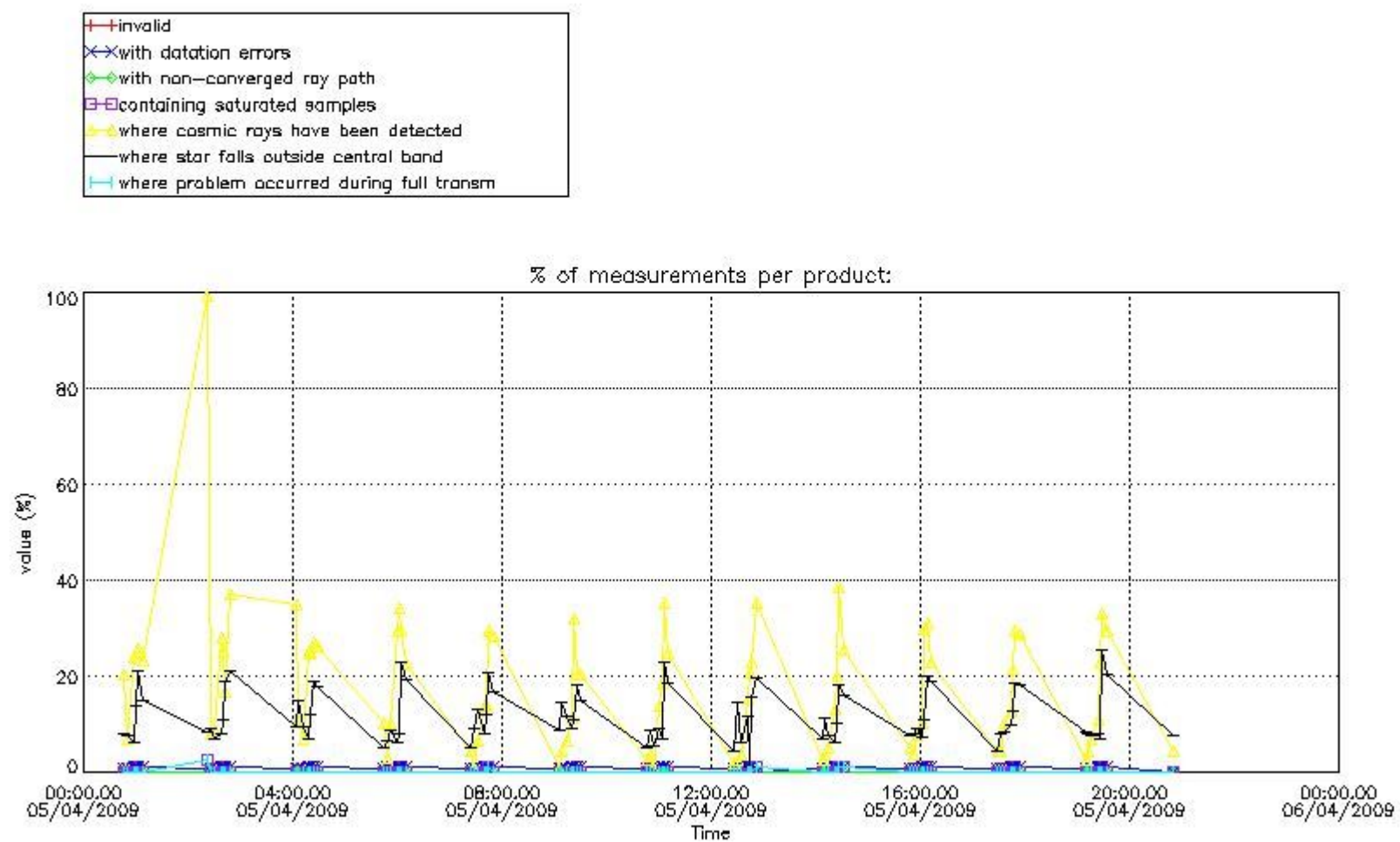


4. Level 1 quality information per product

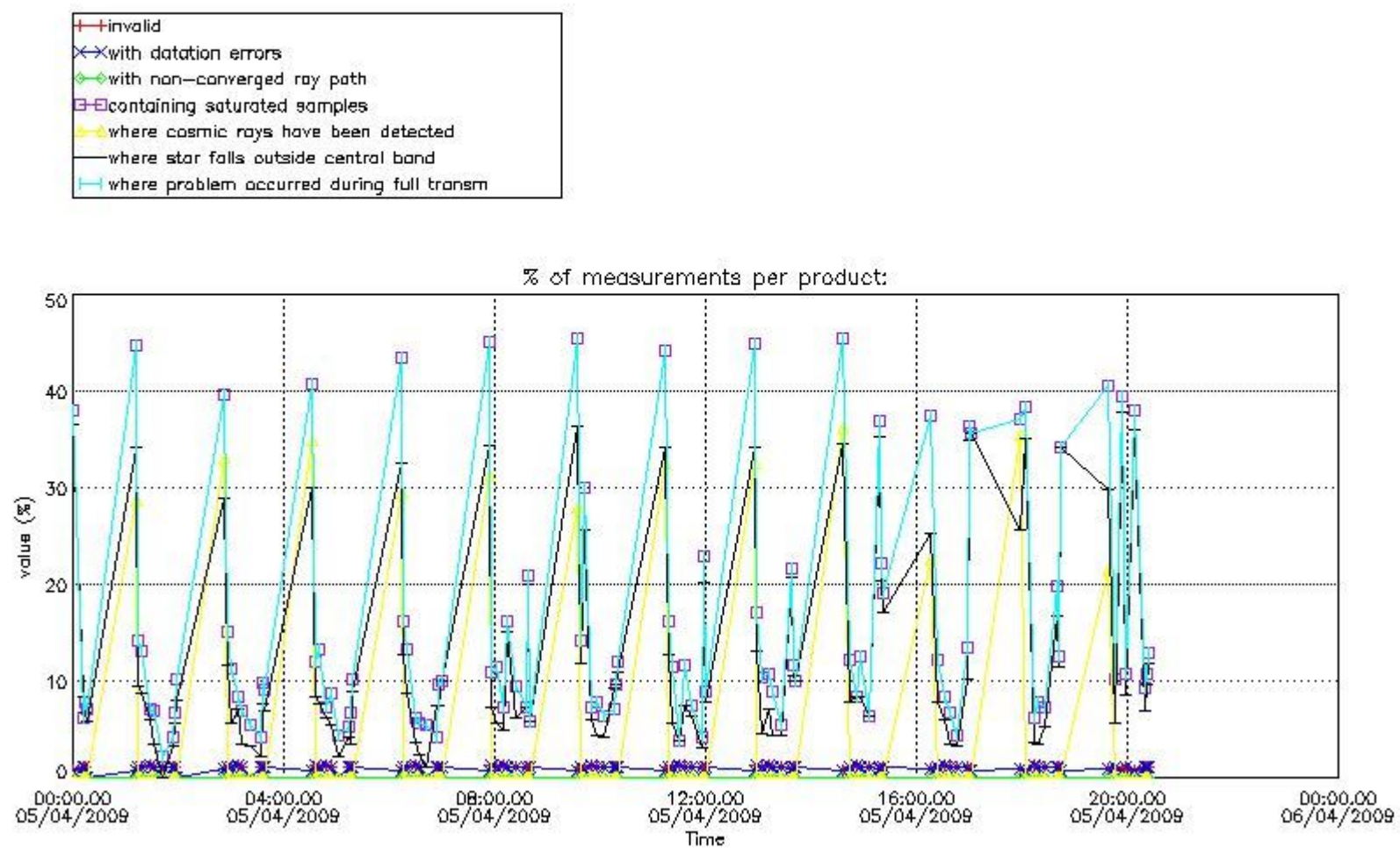
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

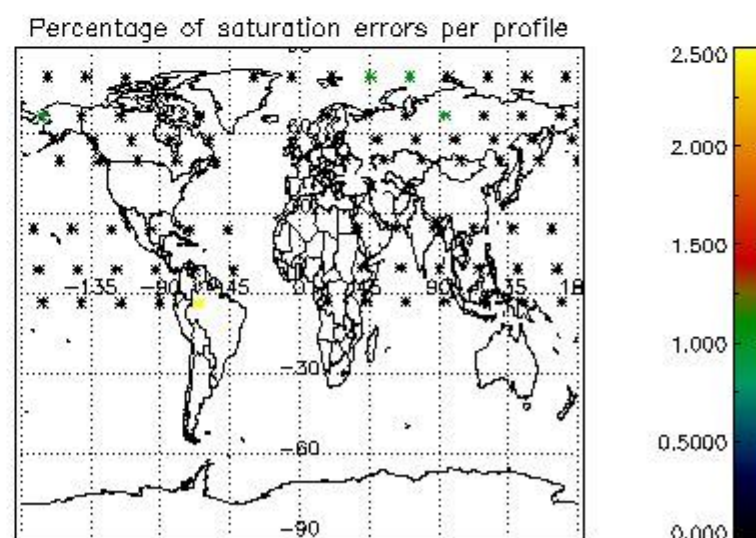
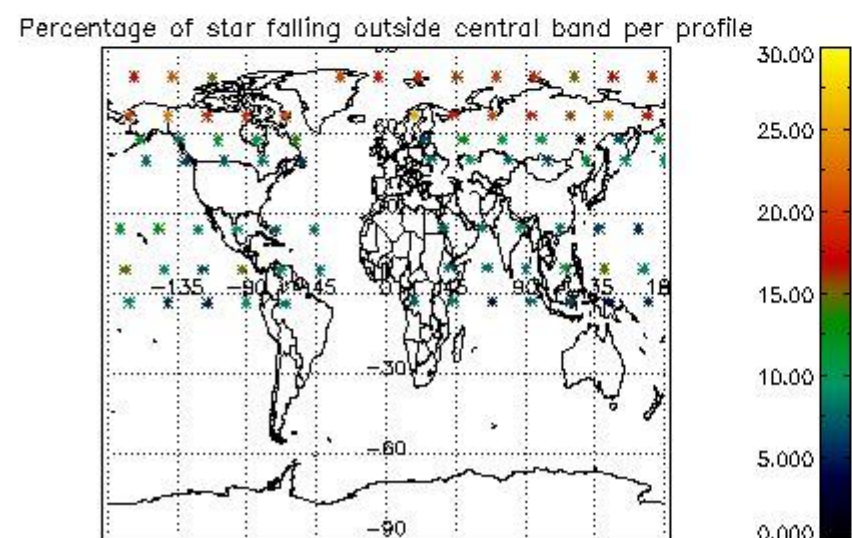
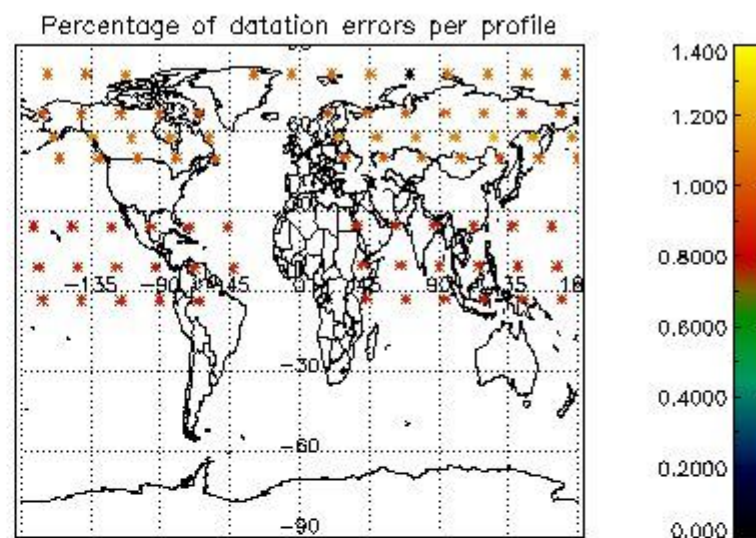
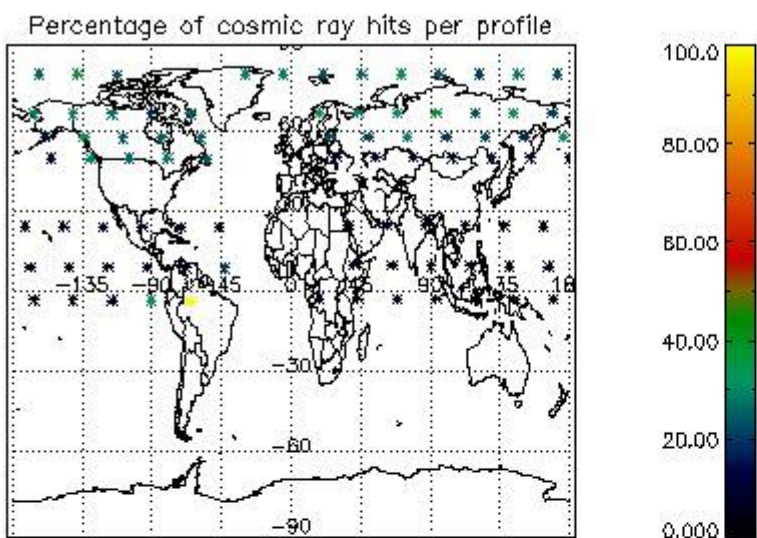


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

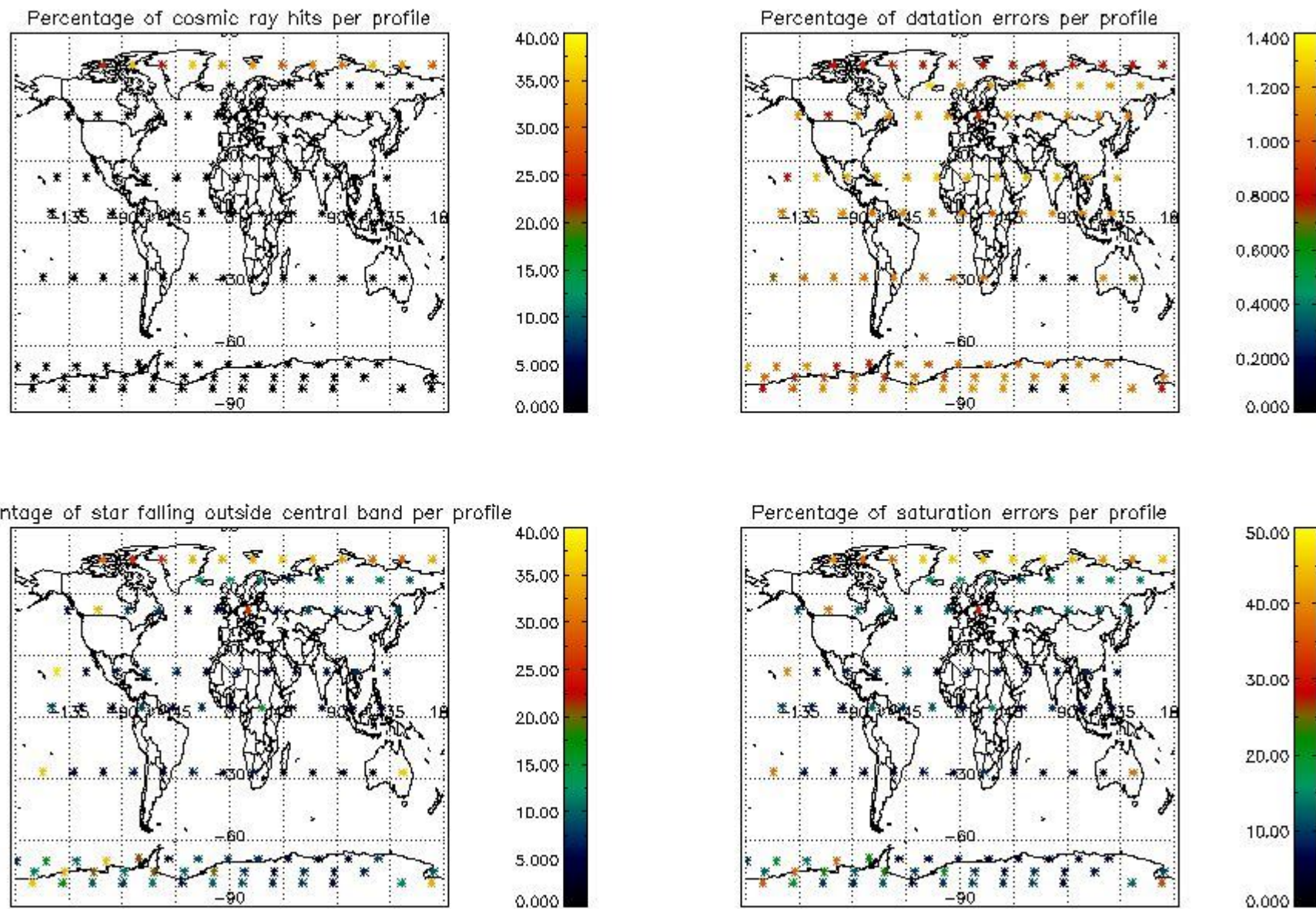


4.2 Plot quality information per product coming from level 1b processing (world map)

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

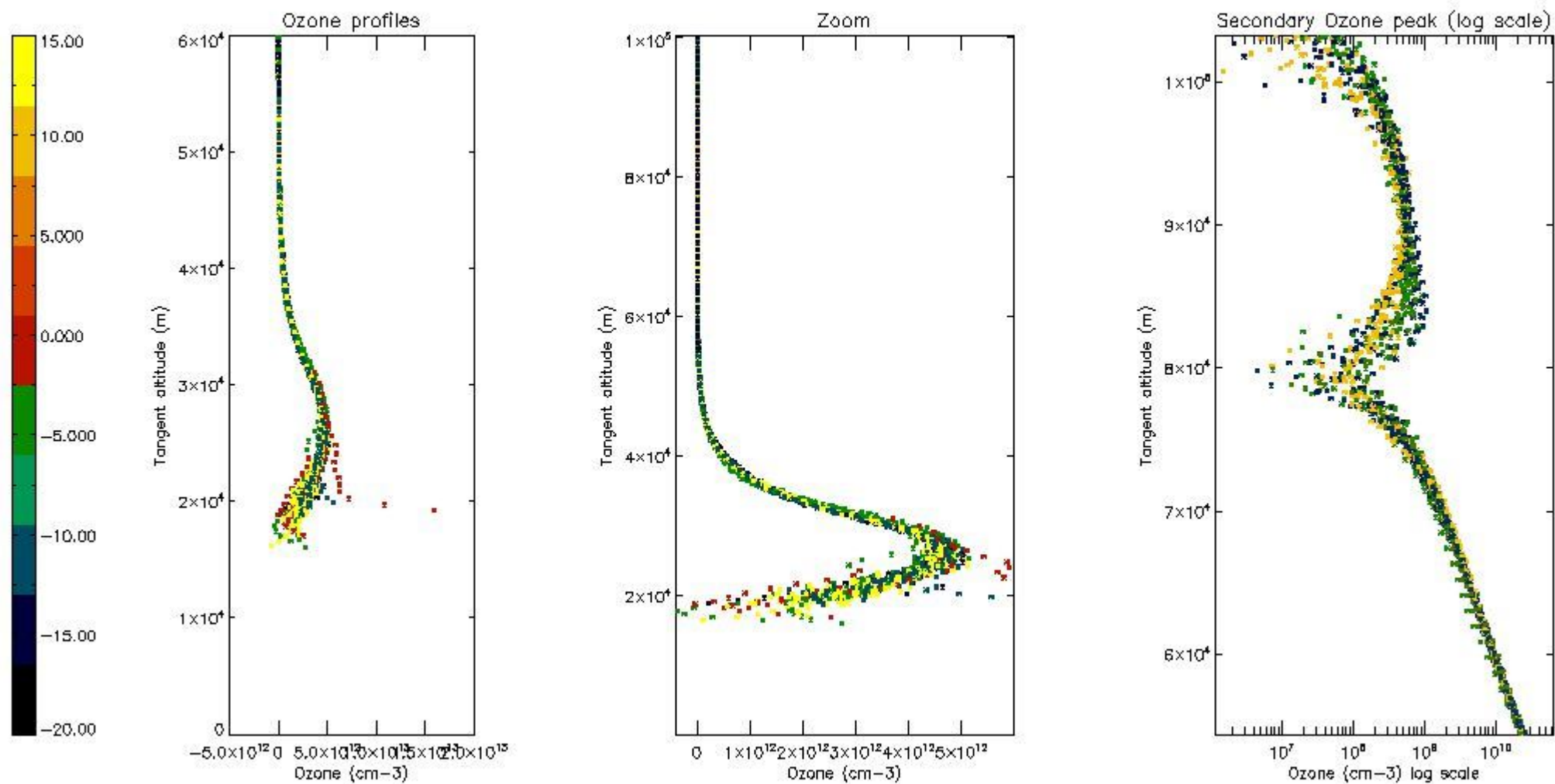
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	23
STD < 20	17

STD < 10	15
STD < 5	12

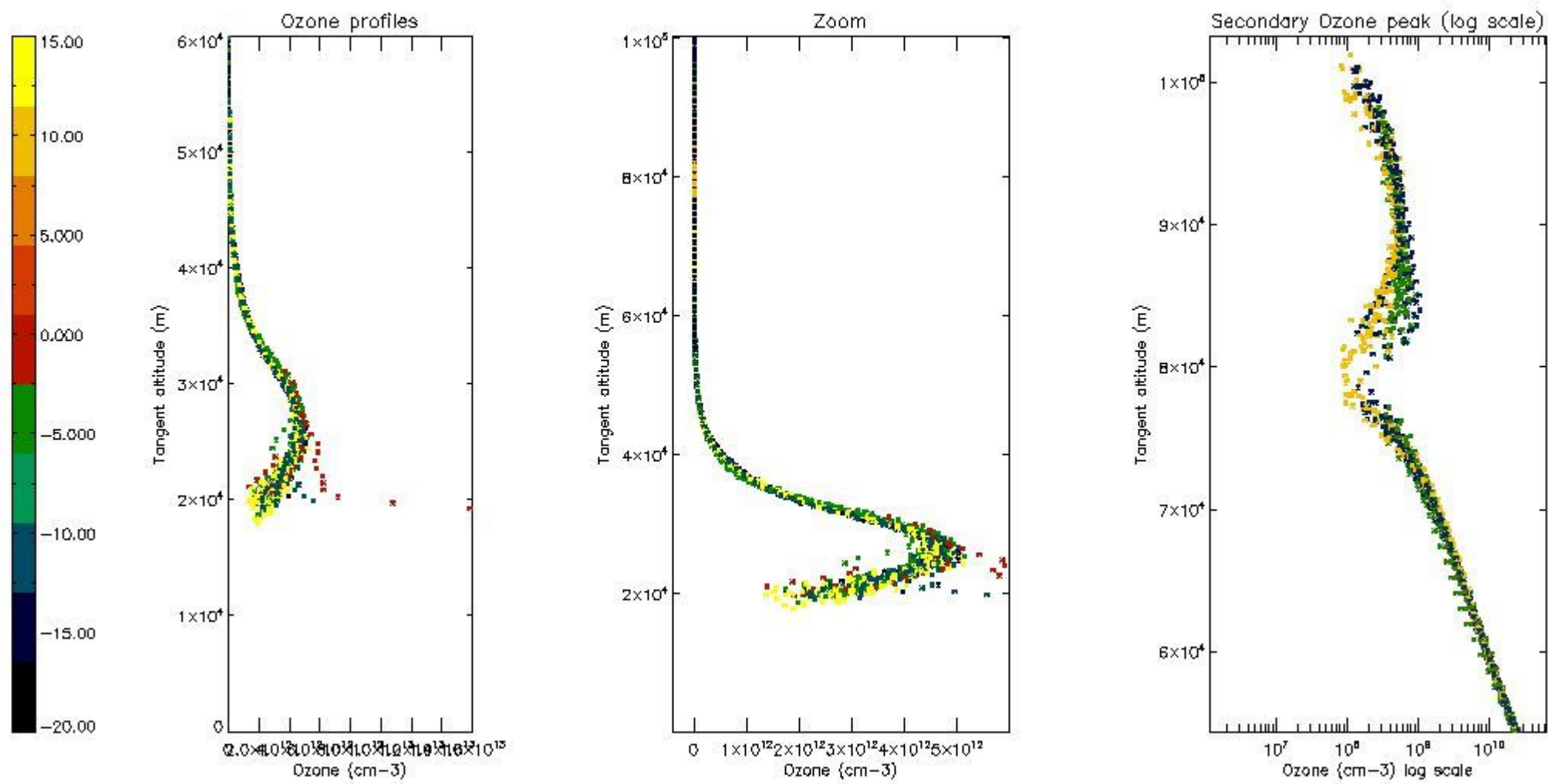
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



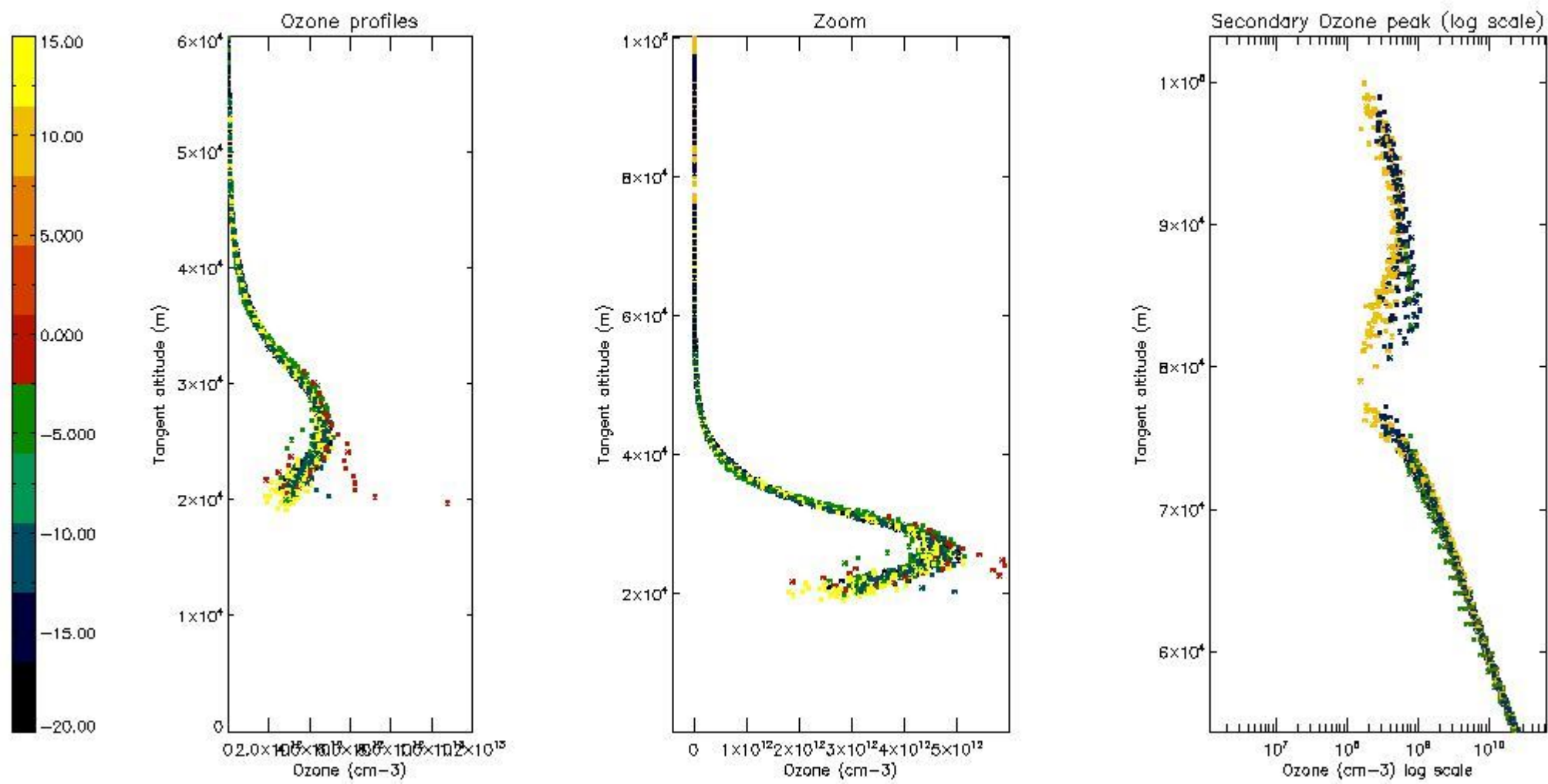
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



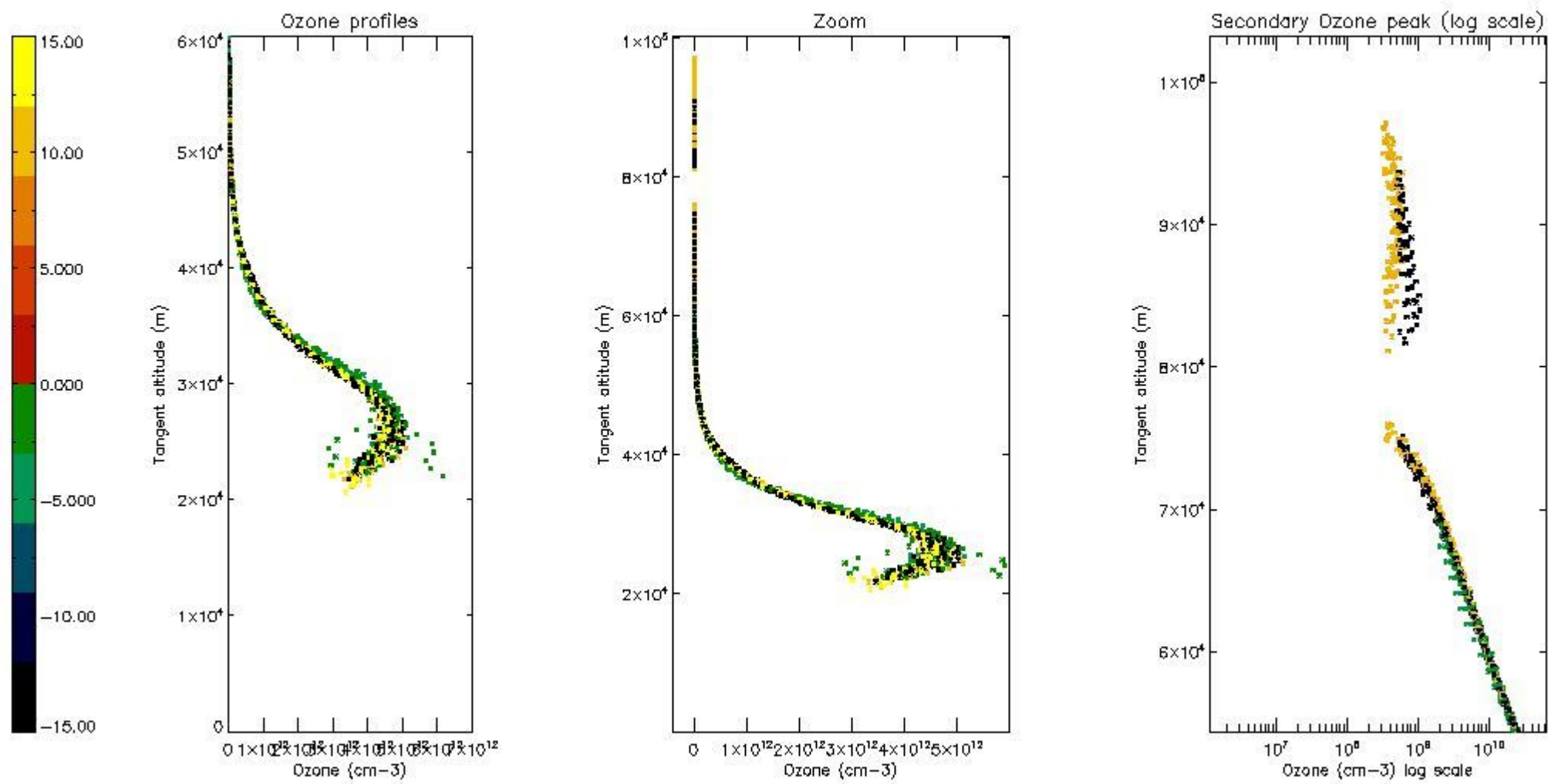
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



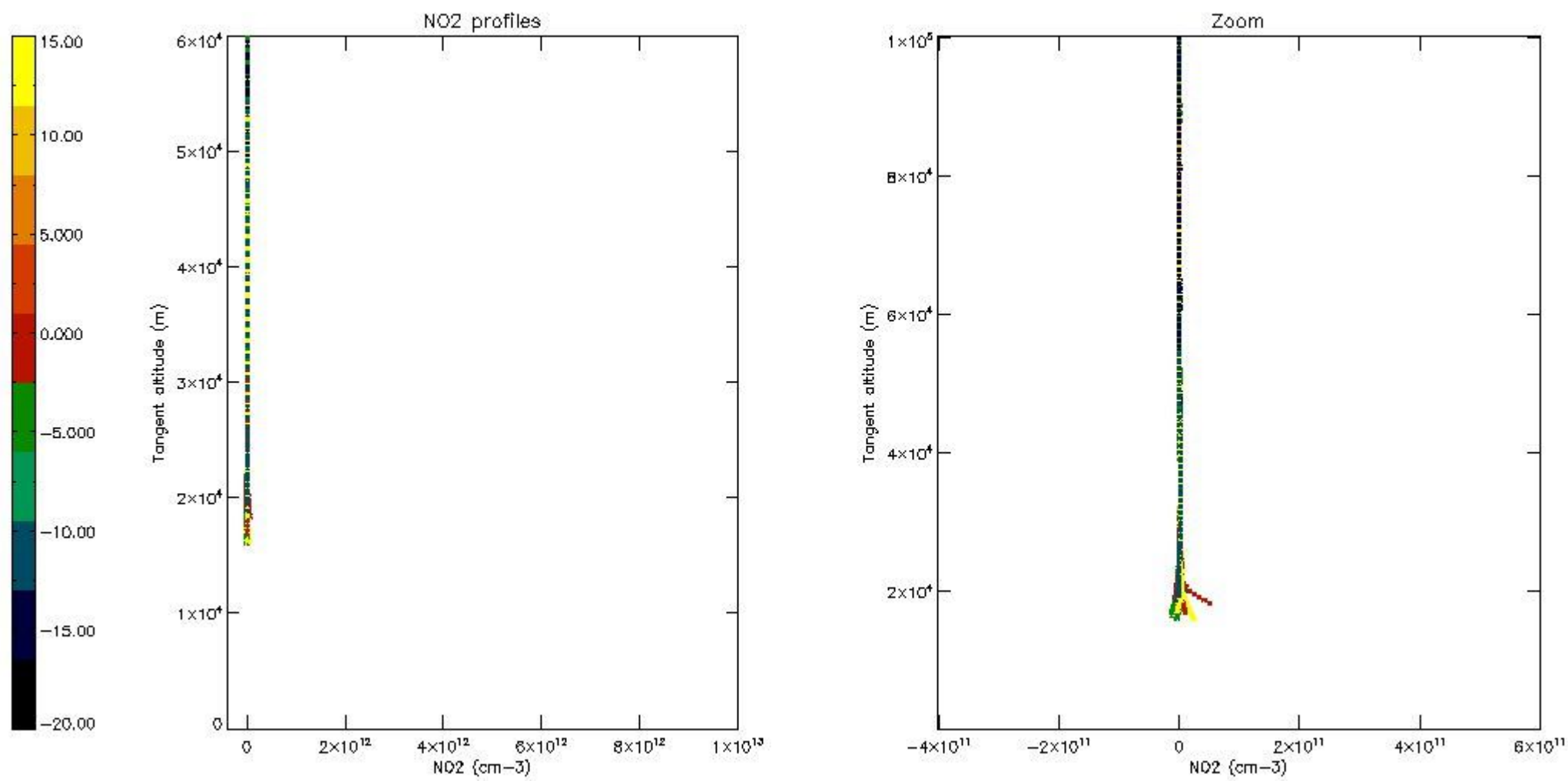
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



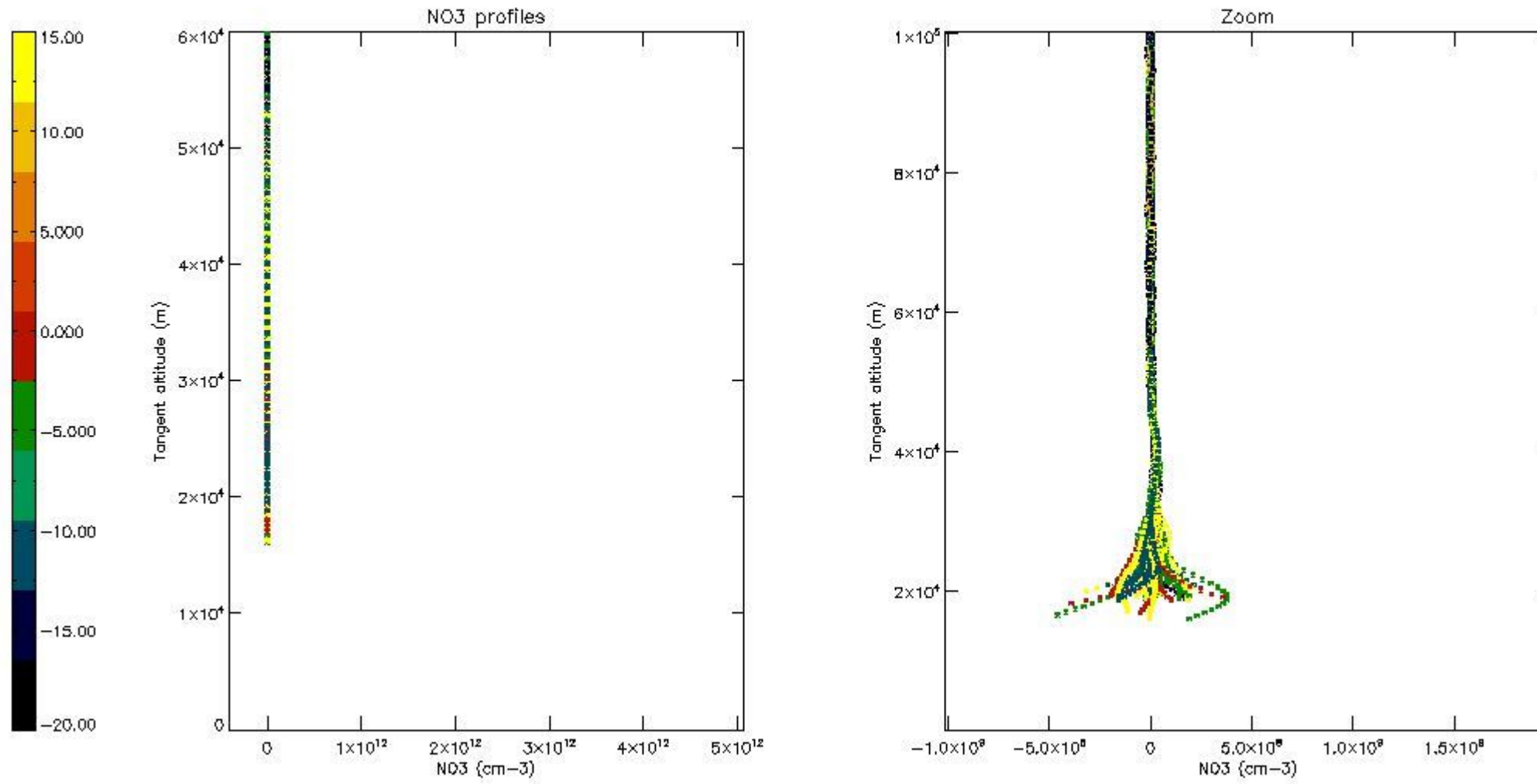
5.6 Plot NO₂ profiles for all STD (dark without errors)

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	05-APR-2009 00:00:28
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-APR-2009 00:00:28
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-APR-2009 00:00:28

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

[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 08:38:18
Data source version	GOMOS/6.01
Start time of products	05-04-2009 (05APR2009 00:00:00)
Stop time of products	06-04-2009 (06APR2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	192
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__2PRFIN20090405_000028_000000712077_00474_37101_4552.N1	05-APR-2009 00:00:28	Bright	71.000	119	14Eta Dra	2.7270	4700.0	142	37101	No
2	GOM_NL__2PRFIN20090405_001229_000000482077_00474_37101_4553.N1	05-APR-2009 00:12:29	Bright	48.000	144	18Del Cyg	2.8600	11000.	96	37101	No
3	GOM_NL__2PRFIN20090405_001431_000000452077_00474_37101_4554.N1	05-APR-2009 00:14:31	Bright	45.000	66	37Gam Cyg	2.2080	5900.0	90	37101	No
4	GOM_NL__2PRFIN20090405_001639_000000432077_00474_37101_4555.N1	05-APR-2009 00:16:39	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	37101	No
5	GOM_NL__2PRFIN20090405_004541_000000572077_00475_37102_4556.N1	05-APR-2009 00:45:41	Dark	56.500	38	20Eps Sgr	1.8360	11000.	113	37102	No
6	GOM_NL__2PRFIN20090405_004955_000000582077_00475_37102_4557.N1	05-APR-2009 00:49:55	Dark	58.000	25	35Lam Sco	1.6200	28000.	116	37102	No
7	GOM_NL__2PRFIN20090405_005712_000000502077_00475_37102_4558.N1	05-APR-2009 00:57:12	Straylight	50.000	131	Gam Lup	2.8000	26000.	100	37102	No
8	GOM_NL__2PRFIN20090405_005926_000000482077_00475_37102_4559.N1	05-APR-2009 00:59:26	Straylight	47.500	81	Eta Cen	2.3560	28000.	95	37102	No
9	GOM_NL__2PRFIN20090405_010204_000000522077_00475_37102_4560.N1	05-APR-2009 01:02:04	Straylight	52.000	54	5The Cen	2.0550	4500.0	104	37102	No
10	GOM_NL__2PRFIN20090405_010718_000000472077_00475_37102_4561.N1	05-APR-2009 01:07:18	Tw_i_and_stray	47.000	169	46Gam Hya	2.9910	4700.0	94	37102	No
11	GOM_NL__2PRFIN20090405_011122_000000662077_00475_37102_4562.N1	05-APR-2009 01:11:22	Bright	66.000	15	67Alp Vir	0.97600	28000.	132	37102	No
12	GOM_NL__2PRFIN20090405_011433_000000432077_00475_37102_4563.N1	05-APR-2009 01:14:33	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	37102	No
13	GOM_NL__2PRFIN20090405_011853_000000462077_00475_37102_4564.N1	05-APR-2009 01:18:53	Bright	46.000	138	47Eps Vir	2.8280	4700.0	92	37102	No
14	GOM_NL__2PRFIN20090405_012721_000000422077_00475_37102_4565.N1	05-APR-2009 01:27:21	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	37102	No
15	GOM_NL__2PRFIN20090405_013214_000000442077_00475_37102_4566.N1	05-APR-2009 01:32:14	Bright	44.000	39	85Eta UMa	1.8540	24000.	88	37102	No
16	GOM_NL__2PRFIN20090405_014103_000000452077_00475_37102_4567.N1	05-APR-2009 01:41:03	Bright	45.000	119	14Eta Dra	2.7270	4700.0	90	37102	No
17	GOM_NL__2PRFIN20090405_015304_000000472077_00475_37102_4568.N1	05-APR-2009 01:53:04	Bright	47.000	144	18Del Cyg	2.8600	11000.	94	37102	No
18	GOM_NL__2PRFIN20090405_015507_000000452077_00475_37102_4569.N1	05-APR-2009 01:55:07	Bright	44.500	66	37Gam Cyg	2.2080	5900.0	89	37102	No
19	GOM_NL__2PRFIN20090405_015715_000000442077_00475_37102_4570.N1	05-APR-2009 01:57:15	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	37102	No
20	GOM_NL__2PRFIN20090405_022250_000000602077_00475_37102_4571.N1	05-APR-2009 02:22:50	Dark	60.000	57	34Sig Sgr	2.0660	26000.	120	37102	No
21	GOM_NL__2PRFIN20090405_022619_000000562077_00476_37103_4579.N1	05-APR-2009 02:26:19	Dark	56.000	38	20Eps Sgr	1.8360	11000.	112	37103	No
22	GOM_NL__2PRFIN20090405_023033_000000582077_00476_37103_4580.N1	05-APR-2009 02:30:33	Dark	57.500	25	35Lam Sco	1.6200	28000.	115	37103	No
23	GOM_NL__2PRFIN20090405_023748_000000502077_00476_37103_4581.N1	05-APR-2009 02:37:48	Straylight	50.000	131	Gam Lup	2.8000	26000.	100	37103	No
24	GOM_NL__2PRFIN20090405_024003_000000462077_00476_37103_4582.N1	05-APR-2009 02:40:03	Straylight	46.000	81	Eta Cen	2.3560	28000.	92	37103	No
25	GOM_NL__2PRFIN20090405_024240_000000512077_00476_37103_4583.N1	05-APR-2009 02:42:40	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	37103	No
26	GOM_NL__2PRFIN20090405_024754_000000502077_00476_37103_4584.N1	05-APR-2009 02:47:54	Tw_i_and_stray	50.000	169	46Gam Hya	2.9910	4700.0	100	37103	No
27	GOM_NL__2PRFIN20090405_025159_000000612077_00476_37103_4585.N1	05-APR-2009 02:51:59	Bright	60.500	15	67Alp Vir	0.97600	28000.	121	37103	No
28	GOM_NL__2PRFIN20090405_025509_000000432077_00476_37103_4586.N1	05-APR-2009 02:55:09	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	37103	No
29	GOM_NL__2PRFIN20090405_025929_000000452077_00476_37103_4587.N1	05-APR-2009 02:59:29	Bright	44.500	138	47Eps Vir	2.8280	4700.0	89	37103	No
30	GOM_NL__2PRFIN20090405_030757_000000422077_00476_37103_4588.N1	05-APR-2009 03:07:57	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	37103	No
31	GOM_NL__2PRFIN20090405_031249_000000442077_00476_37103_4589.N1	05-APR-2009 03:12:49	Bright	44.000	39	85Eta UMa	1.8540	24000.	88	37103	No
32	GOM_NL__2PRFIN20090405_032138_000000472077_00476_37103_4590.N1	05-APR-2009 03:21:38	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	37103	No
33	GOM_NL__2PRFIN20090405_033340_000000472077_00476_37103_4591.N1	05-APR-2009 03:33:40	Bright	47.000	144	18Del Cyg	2.8600	11000.	94	37103	No
34	GOM_NL__2PRFIN20090405_033543_000000462077_00476_37103_4592.N1	05-APR-2009 03:35:43	Bright	46.000	66	37Gam Cyg	2.2080	5900.0	92	37103	No
35	GOM_NL__2PRFIN20090405_033751_000000442077_00476_37103_4593.N1	05-APR-2009 03:37:51	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	37103	No
36	GOM_NL__2PRFIN20090405_040328_000000592077_00476_37103_4594.N1	05-APR-2009 04:03:28	Dark	59.000	57	34Sig Sgr	2.0660	26000.	118	37103	No
37	GOM_NL__2PRFIN20090405_040656_000000602077_00477_37104_4590.N1	05-APR-2009 04:06:56	Dark	60.000	38	20Eps Sgr	1.8360	11000.	120	37104	No
38	GOM_NL__2PRFIN20090405_041110_000000592077_00477_37104_4591.N1	05-APR-2009 04:11:10	Dark	59.000	25	35Lam Sco	1.6200	28000.	118	37104	No
39	GOM_NL__2PRFIN20090405_041825_000000502077_00477_37104_4592.N1	05-APR-2009 04:18:25	Straylight	49.500	131	Gam Lup	2.8000	26000.	99	37104	No
40	GOM_NL__2PRFIN20090405_042039_000000472077_00477_37104_4593.N1	05-APR-2009 04:20:39	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	37104	No
41	GOM_NL__2PRFIN20090405_042316_000000512077_00477_37104_4594.N1	05-APR-2009 04:23:16	Straylight	50.500	54	5The Cen	2.0550	4500.0	101	37104	No
42	GOM_NL__2PRFIN20090405_042830_000000482077_00477_37104_4595.N1	05-APR-2009 04:28:30	Tw_i_and_stray	48.000	169	46Gam Hya	2.9910	4700.0	96	37104	No

43	GOM_NL__2PRFIN20090405_043234_000000622077_00477_37104_4596.N1	05-APR-2009 04:32:34	Bright	61.500	15	67Alp Vir	0.97600	28000.	123	37104	No
44	GOM_NL__2PRFIN20090405_043545_000000422077_00477_37104_4597.N1	05-APR-2009 04:35:45	Bright	41.500	121	29Gam Vir	2.7400	7200.0	83	37104	No
45	GOM_NL__2PRFIN20090405_044004_000000462077_00477_37104_4598.N1	05-APR-2009 04:40:04	Bright	45.500	138	47Eps Vir	2.8280	4700.0	91	37104	No
46	GOM_NL__2PRFIN20090405_044833_000000412077_00477_37104_4599.N1	05-APR-2009 04:48:33	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	37104	No
47	GOM_NL__2PRFIN20090405_045325_000000462077_00477_37104_4600.N1	05-APR-2009 04:53:25	Bright	45.500	39	85Eta UMa	1.8540	24000.	91	37104	No
48	GOM_NL__2PRFIN20090405_050213_000000462077_00477_37104_4601.N1	05-APR-2009 05:02:13	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	37104	No
49	GOM_NL__2PRFIN20090405_051416_000000482077_00477_37104_4602.N1	05-APR-2009 05:14:16	Bright	47.500	144	18Del Cyg	2.8600	11000.	95	37104	No
50	GOM_NL__2PRFIN20090405_051619_000000452077_00477_37104_4603.N1	05-APR-2009 05:16:19	Bright	44.500	66	37Gam Cyg	2.2080	5900.0	89	37104	No
51	GOM_NL__2PRFIN20090405_051828_000000452077_00477_37104_4604.N1	05-APR-2009 05:18:28	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	37104	No
52	GOM_NL__2PRFIN20090405_054405_000000582077_00477_37104_4605.N1	05-APR-2009 05:44:05	Dark	58.000	57	34Sig Sgr	2.0660	26000.	116	37104	No
53	GOM_NL__2PRFIN20090405_054734_000000552077_00478_37105_4611.N1	05-APR-2009 05:47:34	Dark	55.000	38	20Eps Sgr	1.8360	11000.	110	37105	No
54	GOM_NL__2PRFIN20090405_055148_000000592077_00478_37105_4612.N1	05-APR-2009 05:51:48	Dark	58.500	25	35Lam Sco	1.6200	28000.	117	37105	No
55	GOM_NL__2PRFIN20090405_055902_000000492077_00478_37105_4613.N1	05-APR-2009 05:59:02	Straylight	49.000	131	Gam Lup	2.8000	26000.	98	37105	No
56	GOM_NL__2PRFIN20090405_060116_000000442077_00478_37105_4614.N1	05-APR-2009 06:01:16	Straylight	44.000	81	Eta Cen	2.3560	28000.	88	37105	No
57	GOM_NL__2PRFIN20090405_060353_000000532077_00478_37105_4615.N1	05-APR-2009 06:03:53	Straylight	52.500	54	5The Cen	2.0550	4500.0	105	37105	No
58	GOM_NL__2PRFIN20090405_060907_000000492077_00478_37105_4616.N1	05-APR-2009 06:09:07	Tw_i_and_stray	49.000	169	46Gam Hya	2.9910	4700.0	98	37105	No
59	GOM_NL__2PRFIN20090405_061310_000000652077_00478_37105_4617.N1	05-APR-2009 06:13:10	Bright	64.500	15	67Alp Vir	0.97600	28000.	129	37105	No
60	GOM_NL__2PRFIN20090405_061620_000000442077_00478_37105_4618.N1	05-APR-2009 06:16:20	Bright	43.500	121	29Gam Vir	2.7400	7200.0	87	37105	No
61	GOM_NL__2PRFIN20090405_062040_000000462077_00478_37105_4619.N1	05-APR-2009 06:20:40	Bright	45.500	138	47Eps Vir	2.8280	4700.0	91	37105	No
62	GOM_NL__2PRFIN20090405_062908_000000412077_00478_37105_4620.N1	05-APR-2009 06:29:08	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	37105	No
63	GOM_NL__2PRFIN20090405_063400_000000442077_00478_37105_4621.N1	05-APR-2009 06:34:00	Bright	44.000	39	85Eta UMa	1.8540	24000.	88	37105	No
64	GOM_NL__2PRFIN20090405_064249_000000462077_00478_37105_4622.N1	05-APR-2009 06:42:49	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	37105	No
65	GOM_NL__2PRFIN20090405_065452_000000472077_00478_37105_4623.N1	05-APR-2009 06:54:52	Bright	47.000	144	18Del Cyg	2.8600	11000.	94	37105	No
66	GOM_NL__2PRFIN20090405_065655_000000472077_00478_37105_4624.N1	05-APR-2009 06:56:55	Bright	46.500	66	37Gam Cyg	2.2080	5900.0	93	37105	No
67	GOM_NL__2PRFIN20090405_065904_000000452077_00478_37105_4625.N1	05-APR-2009 06:59:04	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	37105	No
68	GOM_NL__2PRFIN20090405_072443_000000572077_00478_37105_4626.N1	05-APR-2009 07:24:43	Dark	57.000	57	34Sig Sgr	2.0660	26000.	114	37105	No
69	GOM_NL__2PRFIN20090405_072811_000000562077_00479_37106_4626.N1	05-APR-2009 07:28:11	Dark	56.000	38	20Eps Sgr	1.8360	11000.	112	37106	No
70	GOM_NL__2PRFIN20090405_073225_000000622077_00479_37106_4627.N1	05-APR-2009 07:32:25	Dark	61.500	25	35Lam Sco	1.6200	28000.	123	37106	No
71	GOM_NL__2PRFIN20090405_073939_000000512077_00479_37106_4628.N1	05-APR-2009 07:39:39	Straylight	50.500	131	Gam Lup	2.8000	26000.	101	37106	No
72	GOM_NL__2PRFIN20090405_074152_000000472077_00479_37106_4629.N1	05-APR-2009 07:41:52	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	37106	No
73	GOM_NL__2PRFIN20090405_074430_000000512077_00479_37106_4630.N1	05-APR-2009 07:44:30	Straylight	51.000	54	5The Cen	2.0550	4500.0	102	37106	No
74	GOM_NL__2PRFIN20090405_074943_000000482077_00479_37106_4631.N1	05-APR-2009 07:49:43	Tw_i_and_stray	47.500	169	46Gam Hya	2.9910	4700.0	95	37106	No
75	GOM_NL__2PRFIN20090405_075346_000000662077_00479_37106_4632.N1	05-APR-2009 07:53:46	Bright	65.500	15	67Alp Vir	0.97600	28000.	131	37106	No
76	GOM_NL__2PRFIN20090405_075656_000000412077_00479_37106_4633.N1	05-APR-2009 07:56:56	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	37106	No
77	GOM_NL__2PRFIN20090405_080116_000000442077_00479_37106_4634.N1	05-APR-2009 08:01:16	Bright	44.000	138	47Eps Vir	2.8280	4700.0	88	37106	No
78	GOM_NL__2PRFIN20090405_080943_000000412077_00479_37106_4635.N1	05-APR-2009 08:09:43	Bright	41.000	152	12Alp2CVn	2.8900	11000.	82	37106	No
79	GOM_NL__2PRFIN20090405_081435_000000502077_00479_37106_4636.N1	05-APR-2009 08:14:35	Bright	49.500	39	85Eta UMa	1.8540	24000.	99	37106	No
80	GOM_NL__2PRFIN20090405_082324_000000482077_00479_37106_4637.N1	05-APR-2009 08:23:24	Bright	48.000	119	14Eta Dra	2.7270	4700.0	96	37106	No
81	GOM_NL__2PRFIN20090405_083527_000000492077_00479_37106_4638.N1	05-APR-2009 08:35:27	Bright	48.500	144	18Del Cyg	2.8600	11000.	97	37106	No
82	GOM_NL__2PRFIN20090405_083731_000000532077_00479_37106_4639.N1	05-APR-2009 08:37:31	Bright	52.500	66	37Gam Cyg	2.2080	5900.0	105	37106	No
83	GOM_NL__2PRFIN20090405_083940_000000432077_00479_37106_4640.N1	05-APR-2009 08:39:40	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	37106	No
84	GOM_NL__2PRFIN20090405_090520_000000582077_00479_37106_4641.N1	05-APR-2009 09:05:20	Dark	58.000	57	34Sig Sgr	2.0660	26000.	116	37106	No
85	GOM_NL__2PRFIN20090405_090848_000000592077_00480_37107_4640.N1	05-APR-2009 09:08:48	Dark	59.000	38	20Eps Sgr	1.8360	11000.	118	37107	No
86	GOM_NL__2PRFIN20090405_091302_000000612077_00480_37107_4641.N1	05-APR-2009 09:13:02	Dark	60.500	25	35Lam Sco	1.6200	28000.	121	37107	No
87	GOM_NL__2PRFIN20090405_092016_000000502077_00480_37107_4642.N1	05-APR-2009 09:20:16	Straylight	49.500	131	Gam Lup	2.8000	26000.	99	37107	No
88	GOM_NL__2PRFIN20090405_092229_000000462077_00480_37107_4643.N1	05-APR-2009 09:22:29	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	37107	No
89	GOM_NL__2PRFIN20090405_092506_000000502077_00480_37107_4644.N1	05-APR-2009 09:25:06	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	37107	No
90	GOM_NL__2PRFIN20090405_093019_000000472077_00480_37107_4645.N1	05-APR-2009 09:30:19	Tw_i_and_stray	46.500	169	46Gam Hya	2.9910	4700.0	93	37107	No
91	GOM_NL__2PRFIN20090405_093422_000000662077_00480_37107_4646.N1	05-APR-2009 09:34:22	Bright	66.000	15	67Alp Vir	0.97600	28000.	132	37107	No
92	GOM_NL__2PRFIN20090405_093732_000000432077_00480_37107_4647.N1	05-APR-2009 09:37:32	Bright	42.500	121	29Gam Vir	2.7400	7200.0	85	37107	No
93	GOM_NL__2PRFIN20090405_094151_000000572077_00480_37107_4648.N1	05-APR-2009 09:41:51	Bright	56.500	138	47Eps Vir	2.8280	4700.0	113	37107	No
94	GOM_NL__2PRFIN20090405_095019_000000422077_00480_37107_4649.N1	05-APR-2009 09:50:19	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	37107	No
95	GOM_NL__2PRFIN20090405_095510_000000452077_00480_37107_4650.N1	05-APR-2009 09:55:10	Bright	45.000	39	85Eta UMa	1.8540	24000.	90	37107	No
96	GOM_NL__2PRFIN20090405_100359_000000472077_00480_37107_4651.N1	05-APR-2009 10:03:59	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37107	No
97	GOM_NL__2PRFIN20090405_101603_000000492077_00480_37107_4652.N1	05-APR-2009 10:16:03	Bright	49.000	144	18Del Cyg	2.8600	11000.	98	37107	No
98	GOM_NL__2PRFIN20090405_101807_000000472077_00480_37107_4653.N1	05-APR-2009 10:18:07	Bright	46.500	66	37Gam Cyg	2.2080	5900.0	93	37107	No
99	GOM_NL__2PRFIN20090405_102016_000000462077_00480_37107_4654.N1	05-APR-2009 10:20:16	Bright	45.500	92	53Eps Cyg	2.5000	4500.0	91	37107	No
100	GOM_NL__2PRFIN20090405_104558_000000582077_00480_37107_4655.N1	05-APR-2009 10:45:58	Dark	57.500	57	34Sig Sgr	2.0660	26000.	115	37107	No
101	GOM_NL__2PRFIN20090405_104925_000000572077_00481_37108_4672.N1	05-APR-2009 10:49:25	Dark	56.500	38	20Eps Sgr	1.8360	11000.	113	37108	No

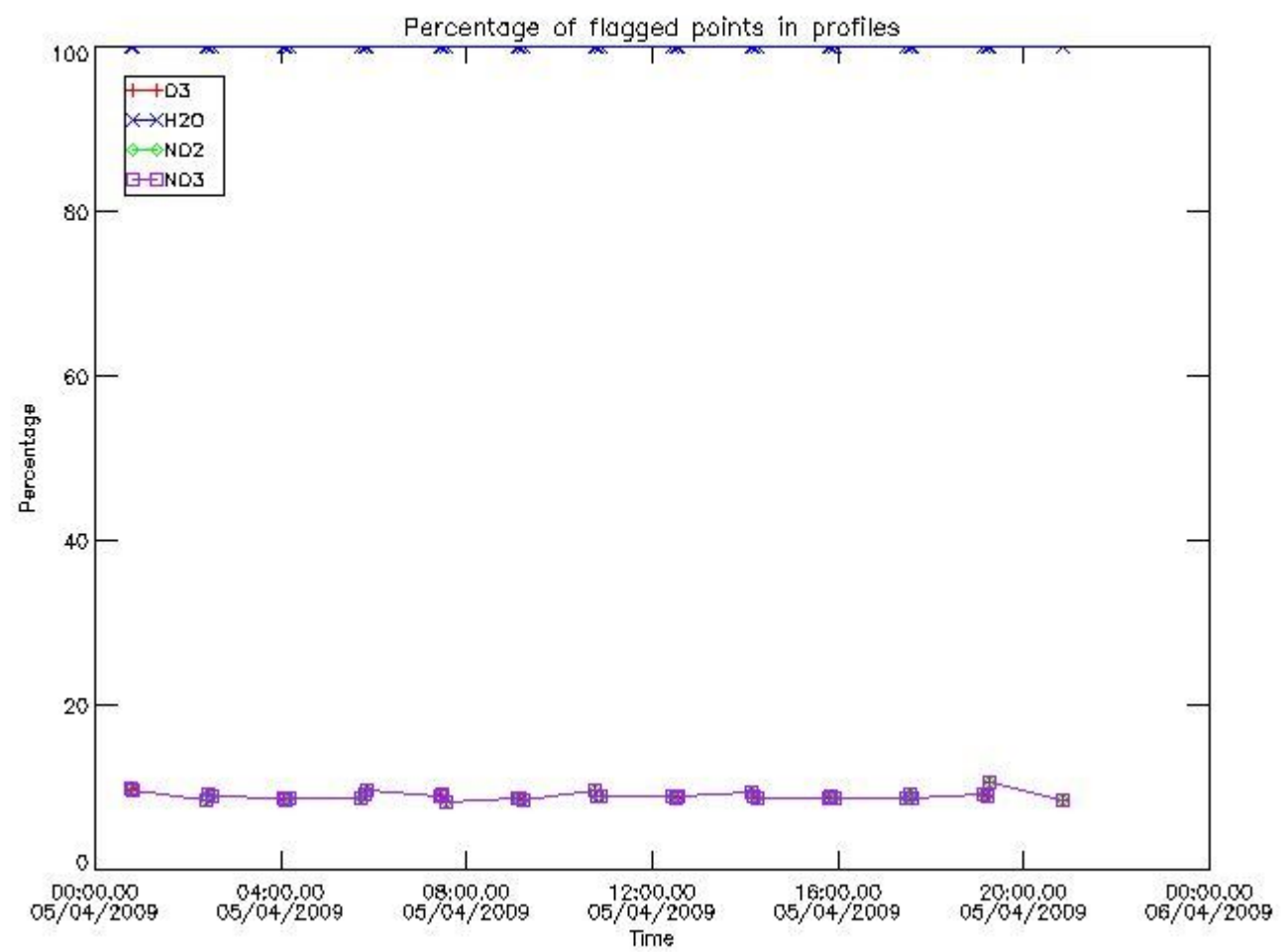
102	GOM_NL__2PRFIN20090405_105339_000000572077_00481_37108_4673.N1	05-APR-2009 10:53:39	Dark	56.500	25	35Lam Sco	1.6200	28000.	113	37108	No
103	GOM_NL__2PRFIN20090405_110052_000000512077_00481_37108_4674.N1	05-APR-2009 11:00:52	Straylight	50.500	131	Gam Lup	2.8000	26000.	101	37108	No
104	GOM_NL__2PRFIN20090405_110305_000000442077_00481_37108_4675.N1	05-APR-2009 11:03:05	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	37108	No
105	GOM_NL__2PRFIN20090405_110542_000000532077_00481_37108_4676.N1	05-APR-2009 11:05:42	Straylight	52.500	54	5The Cen	2.0550	4500.0	105	37108	No
106	GOM_NL__2PRFIN20090405_111055_000000492077_00481_37108_4677.N1	05-APR-2009 11:10:55	Twi_and_stray	48.500	169	46Gam Hya	2.9910	4700.0	97	37108	No
107	GOM_NL__2PRFIN20090405_111458_000000652077_00481_37108_4678.N1	05-APR-2009 11:14:58	Bright	64.500	15	67Alp Vir	0.97600	28000.	129	37108	No
108	GOM_NL__2PRFIN20090405_111807_000000442077_00481_37108_4679.N1	05-APR-2009 11:18:07	Bright	43.500	121	29Gam Vir	2.7400	7200.0	87	37108	No
109	GOM_NL__2PRFIN20090405_112227_000000442077_00481_37108_4680.N1	05-APR-2009 11:22:27	Bright	44.000	138	47Eps Vir	2.8280	4700.0	88	37108	No
110	GOM_NL__2PRFIN20090405_113054_000000402077_00481_37108_4681.N1	05-APR-2009 11:30:54	Bright	39.500	152	12Alp2CVn	2.8900	11000.	79	37108	No
111	GOM_NL__2PRFIN20090405_113545_000000472077_00481_37108_4682.N1	05-APR-2009 11:35:45	Bright	47.000	39	85Eta UMa	1.8540	24000.	94	37108	No
112	GOM_NL__2PRFIN20090405_114434_000000482077_00481_37108_4683.N1	05-APR-2009 11:44:34	Bright	47.500	119	14Eta Dra	2.7270	4700.0	95	37108	No
113	GOM_NL__2PRFIN20090405_115639_000000482077_00481_37108_4684.N1	05-APR-2009 11:56:39	Bright	47.500	144	18Del Cyg	2.8600	11000.	95	37108	No
114	GOM_NL__2PRFIN20090405_115842_000000552077_00481_37108_4685.N1	05-APR-2009 11:58:42	Bright	54.500	66	37Gam Cyg	2.2080	5900.0	109	37108	No
115	GOM_NL__2PRFIN20090405_120051_000000452077_00481_37108_4686.N1	05-APR-2009 12:00:51	Bright	44.500	92	53Eps Cyg	2.5000	4500.0	89	37108	No
116	GOM_NL__2PRFIN20090405_122635_000000572077_00481_37108_4687.N1	05-APR-2009 12:26:35	Dark	56.500	57	34Sig Sgr	2.0660	26000.	113	37108	No
117	GOM_NL__2PRFIN20090405_123003_000000592077_00482_37109_4683.N1	05-APR-2009 12:30:03	Dark	59.000	38	20Eps Sgr	1.8360	11000.	118	37109	No
118	GOM_NL__2PRFIN20090405_123416_000000572077_00482_37109_4684.N1	05-APR-2009 12:34:16	Dark	57.000	25	35Lam Sco	1.6200	28000.	114	37109	No
119	GOM_NL__2PRFIN20090405_124129_000000522077_00482_37109_4685.N1	05-APR-2009 12:41:29	Straylight	52.000	131	Gam Lup	2.8000	26000.	104	37109	No
120	GOM_NL__2PRFIN20090405_124342_000000412077_00482_37109_4686.N1	05-APR-2009 12:43:42	Straylight	41.000	81	Eta Cen	2.3560	28000.	82	37109	No
121	GOM_NL__2PRFIN20090405_124619_000000482077_00482_37109_4687.N1	05-APR-2009 12:46:19	Straylight	48.000	54	5The Cen	2.0550	4500.0	96	37109	No
122	GOM_NL__2PRFIN20090405_125131_000000482077_00482_37109_4688.N1	05-APR-2009 12:51:31	Twi_and_stray	48.000	169	46Gam Hya	2.9910	4700.0	96	37109	No
123	GOM_NL__2PRFIN20090405_125534_000000652077_00482_37109_4689.N1	05-APR-2009 12:55:34	Bright	64.500	15	67Alp Vir	0.97600	28000.	129	37109	No
124	GOM_NL__2PRFIN20090405_125848_000000382077_00482_37109_4690.N1	05-APR-2009 12:58:48	Bright	38.000	121	29Gam Vir	2.7400	7200.0	76	37109	No
125	GOM_NL__2PRFIN20090405_130302_000000442077_00482_37109_4691.N1	05-APR-2009 13:03:02	Bright	43.500	138	47Eps Vir	2.8280	4700.0	87	37109	No
126	GOM_NL__2PRFIN20090405_131130_000000422077_00482_37109_4692.N1	05-APR-2009 13:11:30	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	37109	No
127	GOM_NL__2PRFIN20090405_131621_000000452077_00482_37109_4693.N1	05-APR-2009 13:16:21	Bright	45.000	39	85Eta UMa	1.8540	24000.	90	37109	No
128	GOM_NL__2PRFIN20090405_132510_000000462077_00482_37109_4694.N1	05-APR-2009 13:25:10	Bright	46.000	119	14Eta Dra	2.7270	4700.0	92	37109	No
129	GOM_NL__2PRFIN20090405_133714_000000582077_00482_37109_4695.N1	05-APR-2009 13:37:14	Bright	58.000	144	18Del Cyg	2.8600	11000.	116	37109	No
130	GOM_NL__2PRFIN20090405_133918_000000482077_00482_37109_4696.N1	05-APR-2009 13:39:18	Bright	47.500	66	37Gam Cyg	2.2080	5900.0	95	37109	No
131	GOM_NL__2PRFIN20090405_134128_000000452077_00482_37109_4697.N1	05-APR-2009 13:41:28	Bright	45.000	92	53Eps Cyg	2.5000	4500.0	90	37109	No
132	GOM_NL__2PRFIN20090405_140712_000000592077_00482_37109_4698.N1	05-APR-2009 14:07:12	Dark	59.000	57	34Sig Sgr	2.0660	26000.	118	37109	No
133	GOM_NL__2PRFIN20090405_141040_000000582077_00483_37110_4697.N1	05-APR-2009 14:10:40	Dark	57.500	38	20Eps Sgr	1.8360	11000.	115	37110	No
134	GOM_NL__2PRFIN20090405_141454_000000582077_00483_37110_4698.N1	05-APR-2009 14:14:54	Dark	58.000	25	35Lam Sco	1.6200	28000.	116	37110	No
135	GOM_NL__2PRFIN20090405_142206_000000492077_00483_37110_4699.N1	05-APR-2009 14:22:06	Straylight	49.000	131	Gam Lup	2.8000	26000.	98	37110	No
136	GOM_NL__2PRFIN20090405_142418_000000452077_00483_37110_4700.N1	05-APR-2009 14:24:18	Straylight	45.000	81	Eta Cen	2.3560	28000.	90	37110	No
137	GOM_NL__2PRFIN20090405_142655_000000502077_00483_37110_4701.N1	05-APR-2009 14:26:55	Straylight	49.500	54	5The Cen	2.0550	4500.0	99	37110	No
138	GOM_NL__2PRFIN20090405_143207_000000472077_00483_37110_4702.N1	05-APR-2009 14:32:07	Twi_and_stray	47.000	169	46Gam Hya	2.9910	4700.0	94	37110	No
139	GOM_NL__2PRFIN20090405_143610_000000652077_00483_37110_4703.N1	05-APR-2009 14:36:10	Bright	65.000	15	67Alp Vir	0.97600	28000.	130	37110	No
140	GOM_NL__2PRFIN20090405_144337_000000452077_00483_37110_4704.N1	05-APR-2009 14:43:37	Bright	45.000	138	47Eps Vir	2.8280	4700.0	90	37110	No
141	GOM_NL__2PRFIN20090405_145205_000000422077_00483_37110_4705.N1	05-APR-2009 14:52:05	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	37110	No
142	GOM_NL__2PRFIN20090405_145656_000000482077_00483_37110_4706.N1	05-APR-2009 14:56:56	Bright	47.500	39	85Eta UMa	1.8540	24000.	95	37110	No
143	GOM_NL__2PRFIN20090405_150545_000000472077_00483_37110_4707.N1	05-APR-2009 15:05:45	Bright	47.000	119	14Eta Dra	2.7270	4700.0	94	37110	No
144	GOM_NL__2PRFIN20090405_151813_000000612077_00483_37110_4708.N1	05-APR-2009 15:18:13	Bright	61.000	19	50Alp Cyg	1.2460	10500.	122	37110	No
145	GOM_NL__2PRFIN20090405_151954_000000542077_00483_37110_4709.N1	05-APR-2009 15:19:54	Bright	54.000	66	37Gam Cyg	2.2080	5900.0	108	37110	No
146	GOM_NL__2PRFIN20090405_152204_000000502077_00483_37110_4710.N1	05-APR-2009 15:22:04	Bright	50.000	92	53Eps Cyg	2.5000	4500.0	100	37110	No
147	GOM_NL__2PRFIN20090405_154750_000000592077_00483_37110_4711.N1	05-APR-2009 15:47:50	Dark	58.500	57	34Sig Sgr	2.0660	26000.	117	37110	No
148	GOM_NL__2PRFIN20090405_155117_000000572077_00484_37111_4715.N1	05-APR-2009 15:51:17	Dark	57.000	38	20Eps Sgr	1.8360	11000.	114	37111	No
149	GOM_NL__2PRFIN20090405_155531_000000602077_00484_37111_4716.N1	05-APR-2009 15:55:31	Dark	59.500	25	35Lam Sco	1.6200	28000.	119	37111	No
150	GOM_NL__2PRFIN20090405_160242_000000492077_00484_37111_4717.N1	05-APR-2009 16:02:42	Straylight	49.000	131	Gam Lup	2.8000	26000.	98	37111	No
151	GOM_NL__2PRFIN20090405_160455_000000462077_00484_37111_4718.N1	05-APR-2009 16:04:55	Straylight	45.500	81	Eta Cen	2.3560	28000.	91	37111	No
152	GOM_NL__2PRFIN20090405_160731_000000502077_00484_37111_4719.N1	05-APR-2009 16:07:31	Straylight	50.000	54	5The Cen	2.0550	4500.0	100	37111	No
153	GOM_NL__2PRFIN20090405_161243_000000482077_00484_37111_4720.N1	05-APR-2009 16:12:43	Twi_and_stray	48.000	169	46Gam Hya	2.9910	4700.0	96	37111	No
154	GOM_NL__2PRFIN20090405_161646_000000582077_00484_37111_4721.N1	05-APR-2009 16:16:46	Bright	57.500	15	67Alp Vir	0.97600	28000.	115	37111	No
155	GOM_NL__2PRFIN20090405_162413_000000452077_00484_37111_4722.N1	05-APR-2009 16:24:13	Bright	45.000	138	47Eps Vir	2.8280	4700.0	90	37111	No
156	GOM_NL__2PRFIN20090405_163240_000000422077_00484_37111_4723.N1	05-APR-2009 16:32:40	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	37111	No
157	GOM_NL__2PRFIN20090405_163731_000000452077_00484_37111_4724.N1	05-APR-2009 16:37:31	Bright	44.500	39	85Eta UMa	1.8540	24000.	89	37111	No
158	GOM_NL__2PRFIN20090405_164620_000000472077_00484_37111_4725.N1	05-APR-2009 16:46:20	Bright	46.500	119	14Eta Dra	2.7270	4700.0	93	37111	No
159	GOM_NL__2PRFIN20090405_165849_000000452077_00484_37111_4726.N1	05-APR-2009 16:58:49	Bright	44.500	19	50Alp Cyg	1.2460	10500.	89	37111	No
160	GOM_NL__2PRFIN20090405_170030_000000662077_00484_37111_4727.N1	05-APR-2009 17:00:30	Bright	66.000	66	37Gam Cyg	2.2080	5900.0	132	37111	No

161	GOM_NL__2PRFIN20090405_170240_000000632077_00484_37111_4728.N1	05-APR-2009 17:02:40	Bright	63.000	92	53Eps Cyg	2.5000	4500.0	126	37111	No
162	GOM_NL__2PRFIN20090405_172827_000000582077_00484_37111_4729.N1	05-APR-2009 17:28:27	Dark	58.000	57	34Sig Sgr	2.0660	26000.	116	37111	No
163	GOM_NL__2PRFIN20090405_173155_000000562077_00485_37112_4729.N1	05-APR-2009 17:31:55	Dark	56.000	38	20Eps Sgr	1.8360	11000.	112	37112	No
164	GOM_NL__2PRFIN20090405_173608_000000592077_00485_37112_4730.N1	05-APR-2009 17:36:08	Dark	59.000	25	35Lam Sco	1.6200	28000.	118	37112	No
165	GOM_NL__2PRFIN20090405_174319_000000512077_00485_37112_4731.N1	05-APR-2009 17:43:19	Straylight	50.500	131	Gam Lup	2.8000	26000.	101	37112	No
166	GOM_NL__2PRFIN20090405_174531_000000472077_00485_37112_4732.N1	05-APR-2009 17:45:31	Straylight	46.500	81	Eta Cen	2.3560	28000.	93	37112	No
167	GOM_NL__2PRFIN20090405_174808_000000492077_00485_37112_4733.N1	05-APR-2009 17:48:08	Straylight	49.000	54	5The Cen	2.0550	4500.0	98	37112	No
168	GOM_NL__2PRFIN20090405_175320_000000472077_00485_37112_4734.N1	05-APR-2009 17:53:20	Tw_i_and_stray	47.000	169	46Gam Hya	2.9910	4700.0	94	37112	No
169	GOM_NL__2PRFIN20090405_175722_000000572077_00485_37112_4735.N1	05-APR-2009 17:57:22	Bright	56.500	15	67Alp Vir	0.97600	28000.	113	37112	No
170	GOM_NL__2PRFIN20090405_180449_000000642077_00485_37112_4736.N1	05-APR-2009 18:04:49	Bright	64.000	138	47Eps Vir	2.8280	4700.0	128	37112	No
171	GOM_NL__2PRFIN20090405_181316_000000412077_00485_37112_4737.N1	05-APR-2009 18:13:16	Bright	40.500	152	12Alp2CVn	2.8900	11000.	81	37112	No
172	GOM_NL__2PRFIN20090405_181806_000000452077_00485_37112_4738.N1	05-APR-2009 18:18:06	Bright	44.500	39	85Eta UMa	1.8540	24000.	89	37112	No
173	GOM_NL__2PRFIN20090405_182655_000000482077_00485_37112_4739.N1	05-APR-2009 18:26:55	Bright	48.000	119	14Eta Dra	2.7270	4700.0	96	37112	No
174	GOM_NL__2PRFIN20090405_183925_000000482077_00485_37112_4740.N1	05-APR-2009 18:39:25	Bright	48.000	19	50Alp Cyg	1.2460	10500.	96	37112	No
175	GOM_NL__2PRFIN20090405_184106_000000482077_00485_37112_4741.N1	05-APR-2009 18:41:06	Bright	48.000	66	37Gam Cyg	2.2080	5900.0	96	37112	No
176	GOM_NL__2PRFIN20090405_184316_000000622077_00485_37112_4742.N1	05-APR-2009 18:43:16	Bright	61.500	92	53Eps Cyg	2.5000	4500.0	123	37112	No
177	GOM_NL__2PRFIN20090405_190905_000000612077_00485_37112_4743.N1	05-APR-2009 19:09:05	Dark	60.500	57	34Sig Sgr	2.0660	26000.	121	37112	No
178	GOM_NL__2PRFIN20090405_191232_000000572077_00486_37113_4743.N1	05-APR-2009 19:12:32	Dark	56.500	38	20Eps Sgr	1.8360	11000.	113	37113	No
179	GOM_NL__2PRFIN20090405_191646_000000582077_00486_37113_4744.N1	05-APR-2009 19:16:46	Dark	58.000	25	35Lam Sco	1.6200	28000.	116	37113	No
180	GOM_NL__2PRFIN20090405_192356_000000502077_00486_37113_4745.N1	05-APR-2009 19:23:56	Straylight	50.000	131	Gam Lup	2.8000	26000.	100	37113	No
181	GOM_NL__2PRFIN20090405_192608_000000442077_00486_37113_4746.N1	05-APR-2009 19:26:08	Straylight	43.500	81	Eta Cen	2.3560	28000.	87	37113	No
182	GOM_NL__2PRFIN20090405_192844_000000532077_00486_37113_4747.N1	05-APR-2009 19:28:44	Straylight	53.000	54	5The Cen	2.0550	4500.0	106	37113	No
183	GOM_NL__2PRFIN20090405_193355_000000492077_00486_37113_4748.N1	05-APR-2009 19:33:55	Tw_i_and_stray	49.000	169	46Gam Hya	2.9910	4700.0	98	37113	No
184	GOM_NL__2PRFIN20090405_193758_000000612077_00486_37113_4749.N1	05-APR-2009 19:37:58	Bright	60.500	15	67Alp Vir	0.97600	28000.	121	37113	No
185	GOM_NL__2PRFIN20090405_194524_000000442077_00486_37113_4750.N1	05-APR-2009 19:45:24	Bright	44.000	138	47Eps Vir	2.8280	4700.0	88	37113	No
186	GOM_NL__2PRFIN20090405_195351_000000622077_00486_37113_4751.N1	05-APR-2009 19:53:51	Bright	62.000	152	12Alp2CVn	2.8900	11000.	124	37113	No
187	GOM_NL__2PRFIN20090405_195842_000000472077_00486_37113_4752.N1	05-APR-2009 19:58:42	Bright	46.500	39	85Eta UMa	1.8540	24000.	93	37113	No
188	GOM_NL__2PRFIN20090405_200730_000000712077_00486_37113_4753.N1	05-APR-2009 20:07:30	Bright	71.000	119	14Eta Dra	2.7270	4700.0	142	37113	No
189	GOM_NL__2PRFIN20090405_202000_000000432077_00486_37113_4754.N1	05-APR-2009 20:20:00	Bright	43.000	19	50Alp Cyg	1.2460	10500.	86	37113	No
190	GOM_NL__2PRFIN20090405_202142_000000472077_00486_37113_4755.N1	05-APR-2009 20:21:42	Bright	47.000	66	37Gam Cyg	2.2080	5900.0	94	37113	No
191	GOM_NL__2PRFIN20090405_202352_000000472077_00486_37113_4756.N1	05-APR-2009 20:23:52	Bright	46.500	92	53Eps Cyg	2.5000	4500.0	93	37113	No
192	GOM_NL__2PRFIN20090405_204942_000000602077_00486_37113_4757.N1	05-APR-2009 20:49:42	Dark	59.500	57	34Sig Sgr	2.0660	26000.	119	37113	No

3. Quality information per product

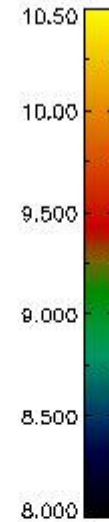
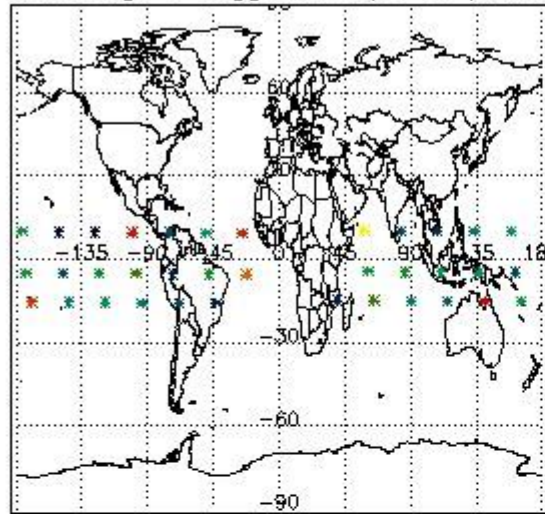
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

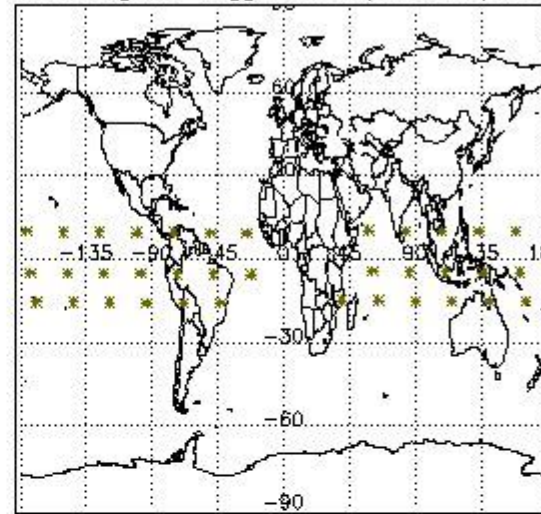


3.2 Plot quality information per product (world map)

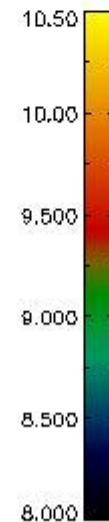
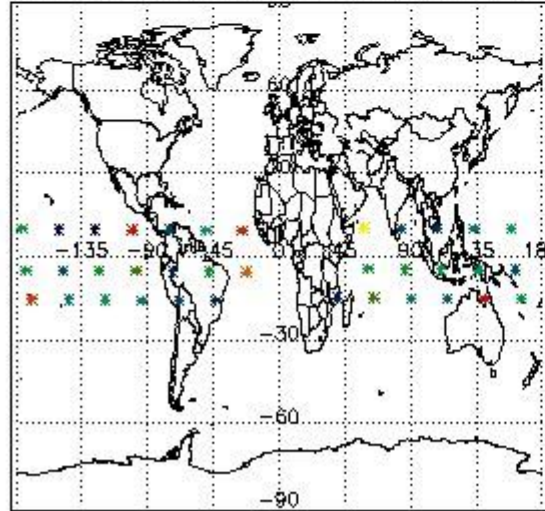
Percentage of flagged data per O3 profile



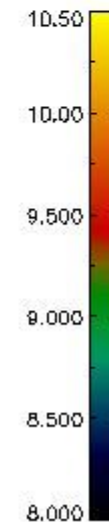
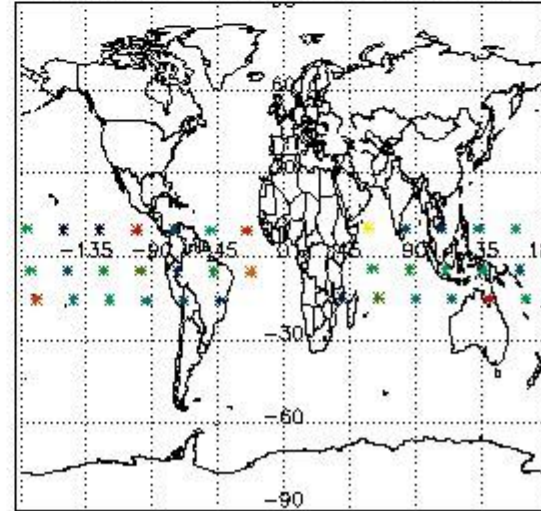
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

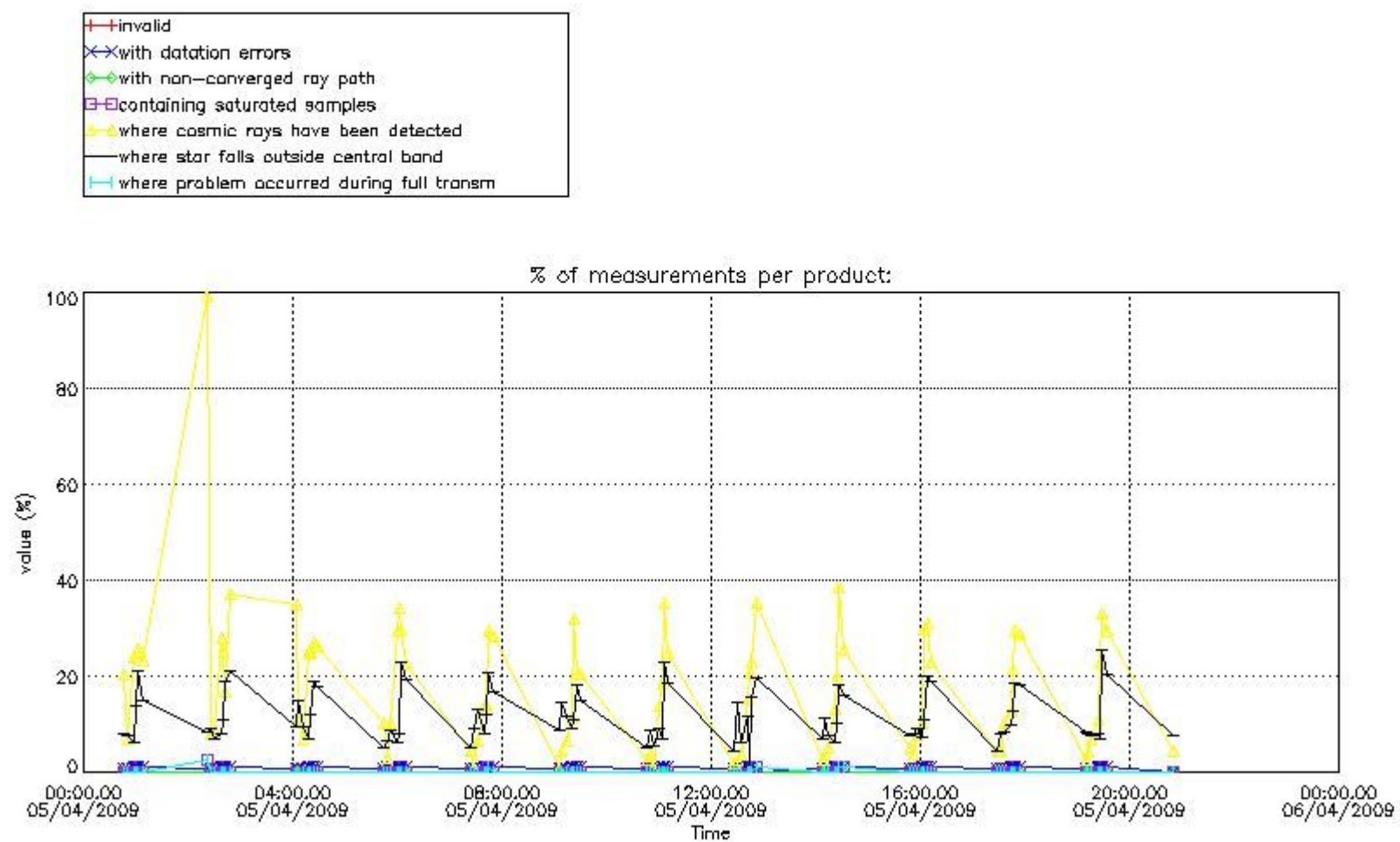


4. Level 1 quality information per product

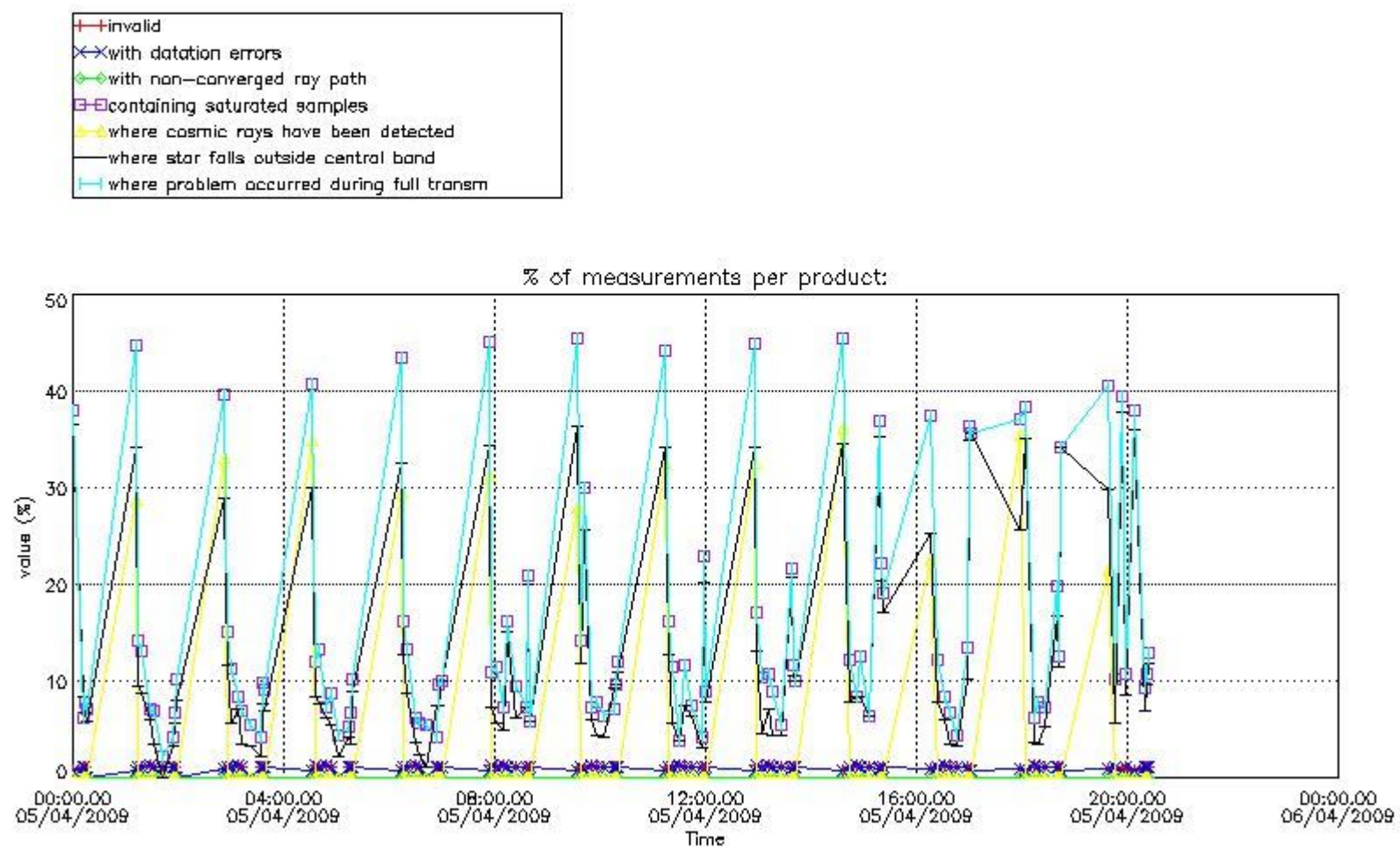
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

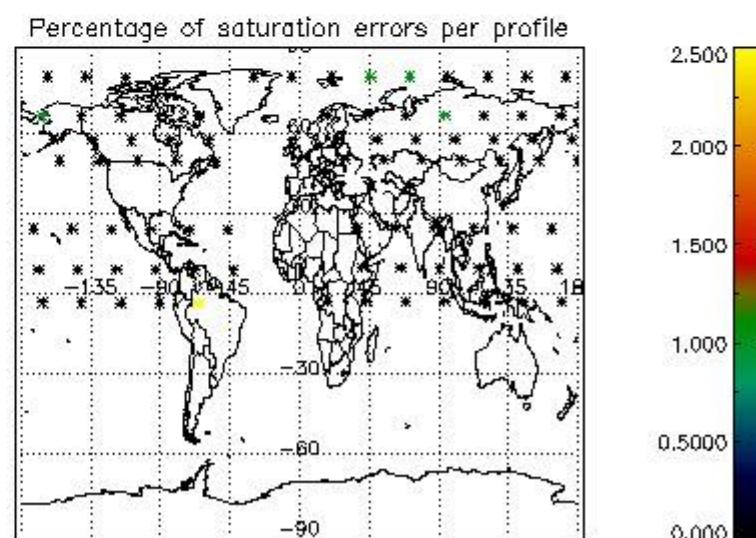
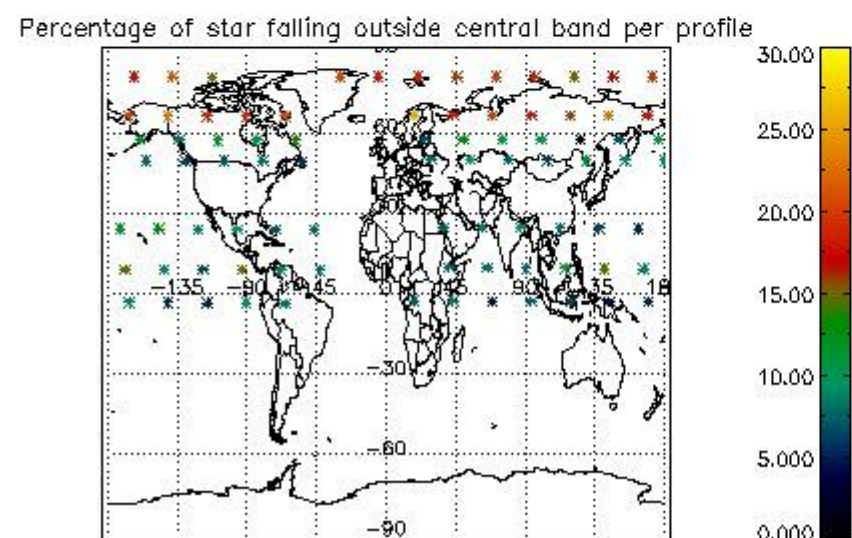
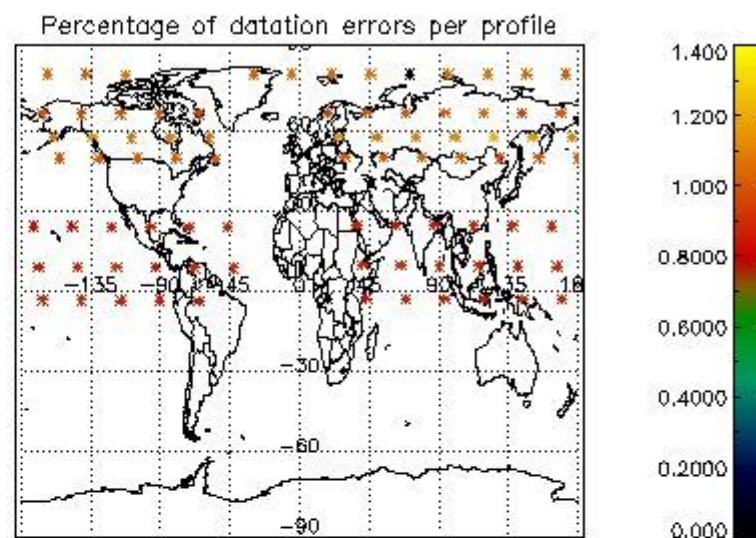
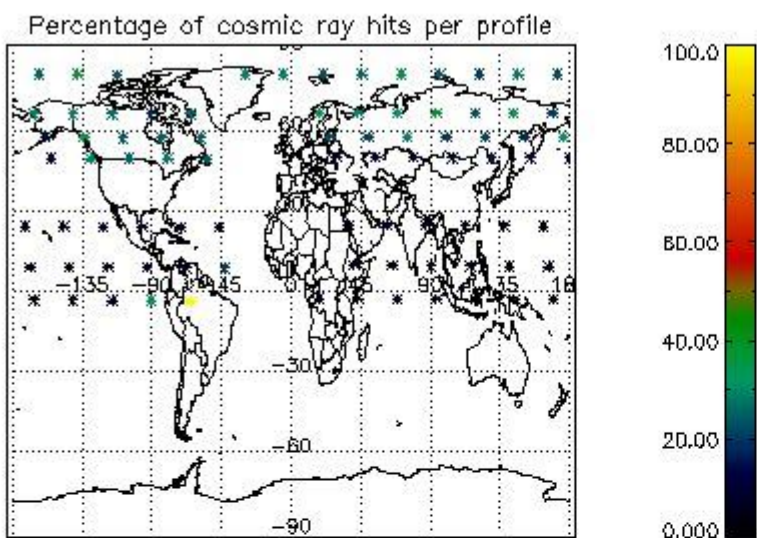


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

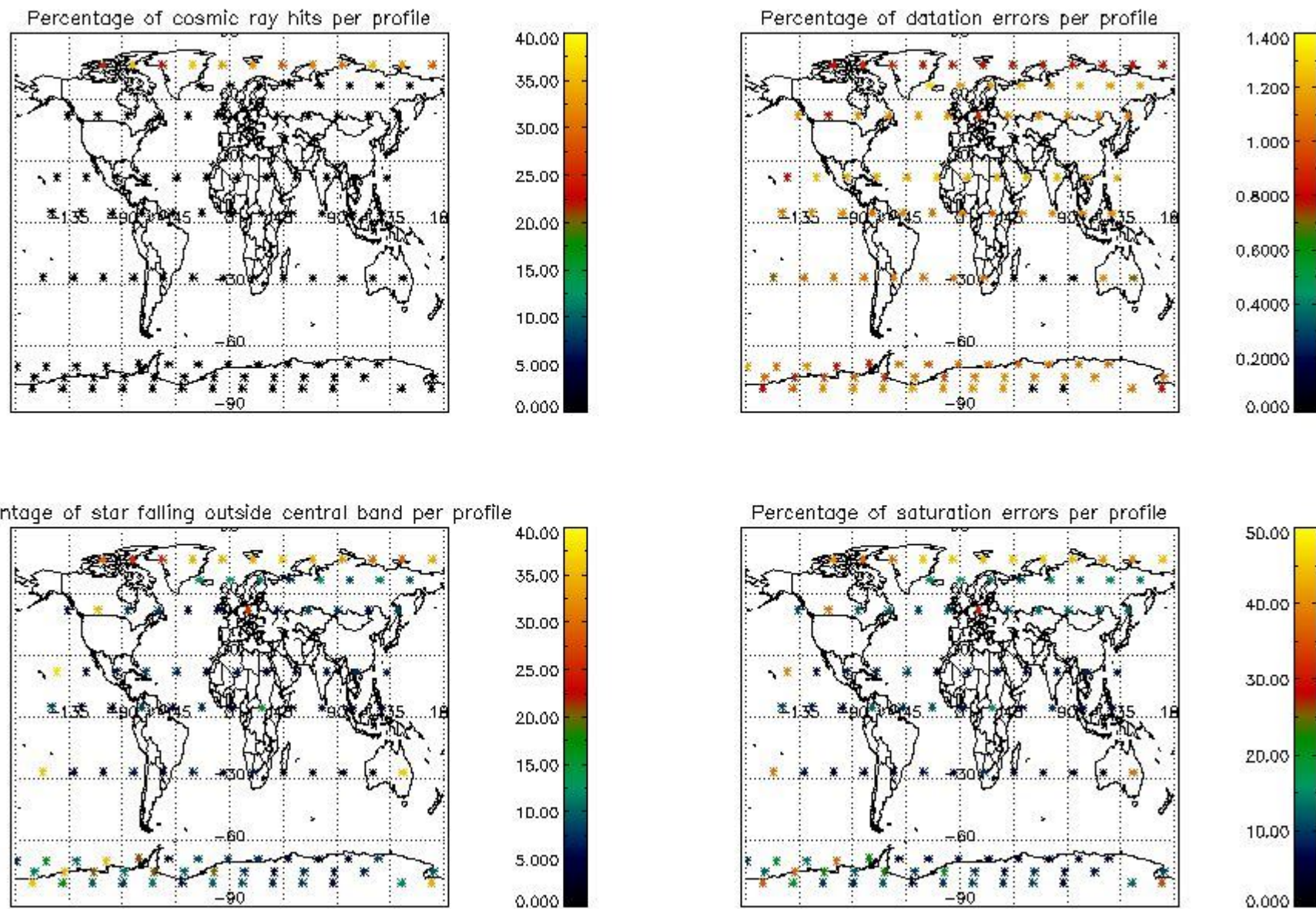


4.2 Plot quality information per product coming from level 1b processing (world map)

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

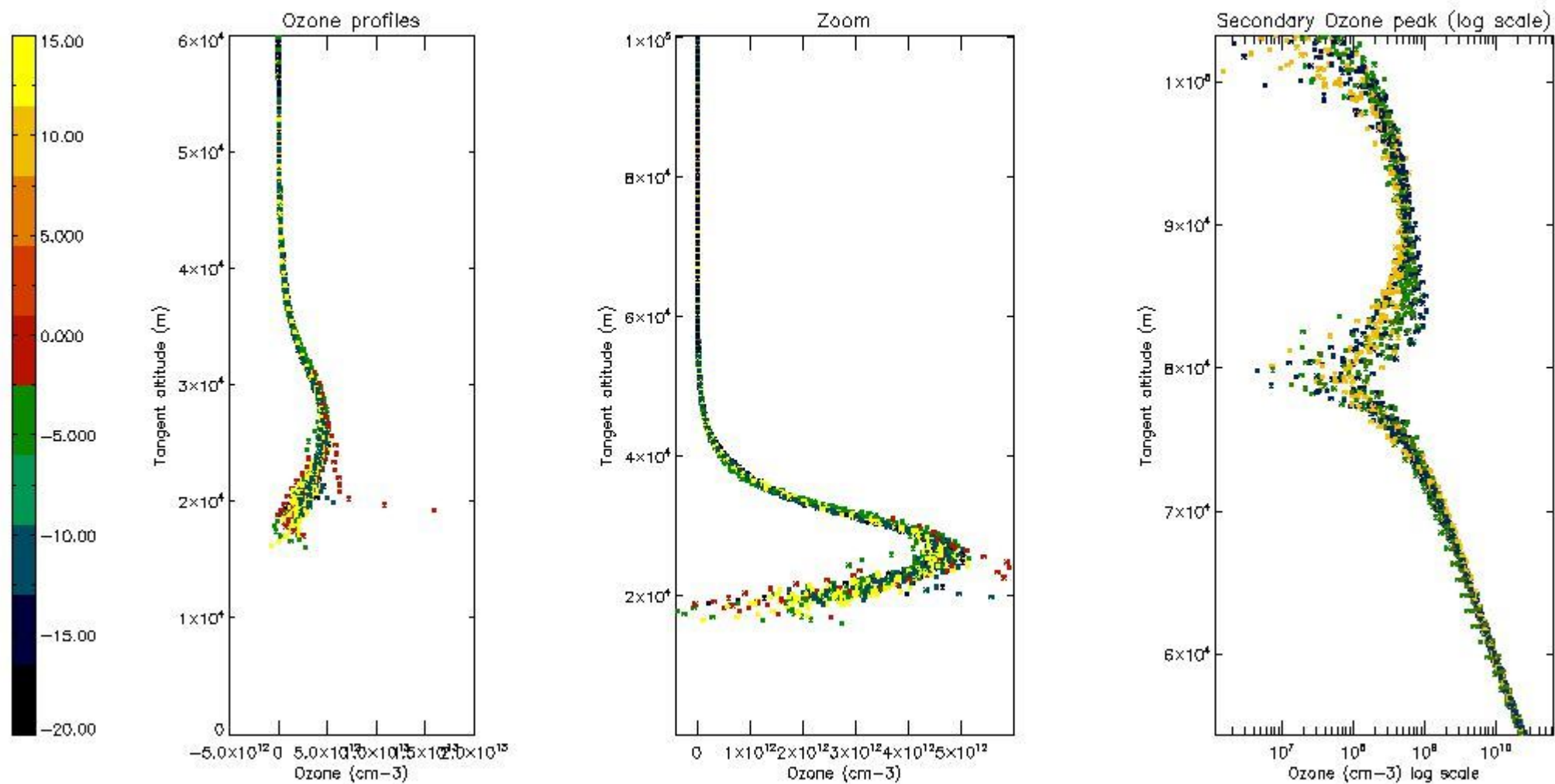
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	23
STD < 20	17

STD < 10	15
STD < 5	12

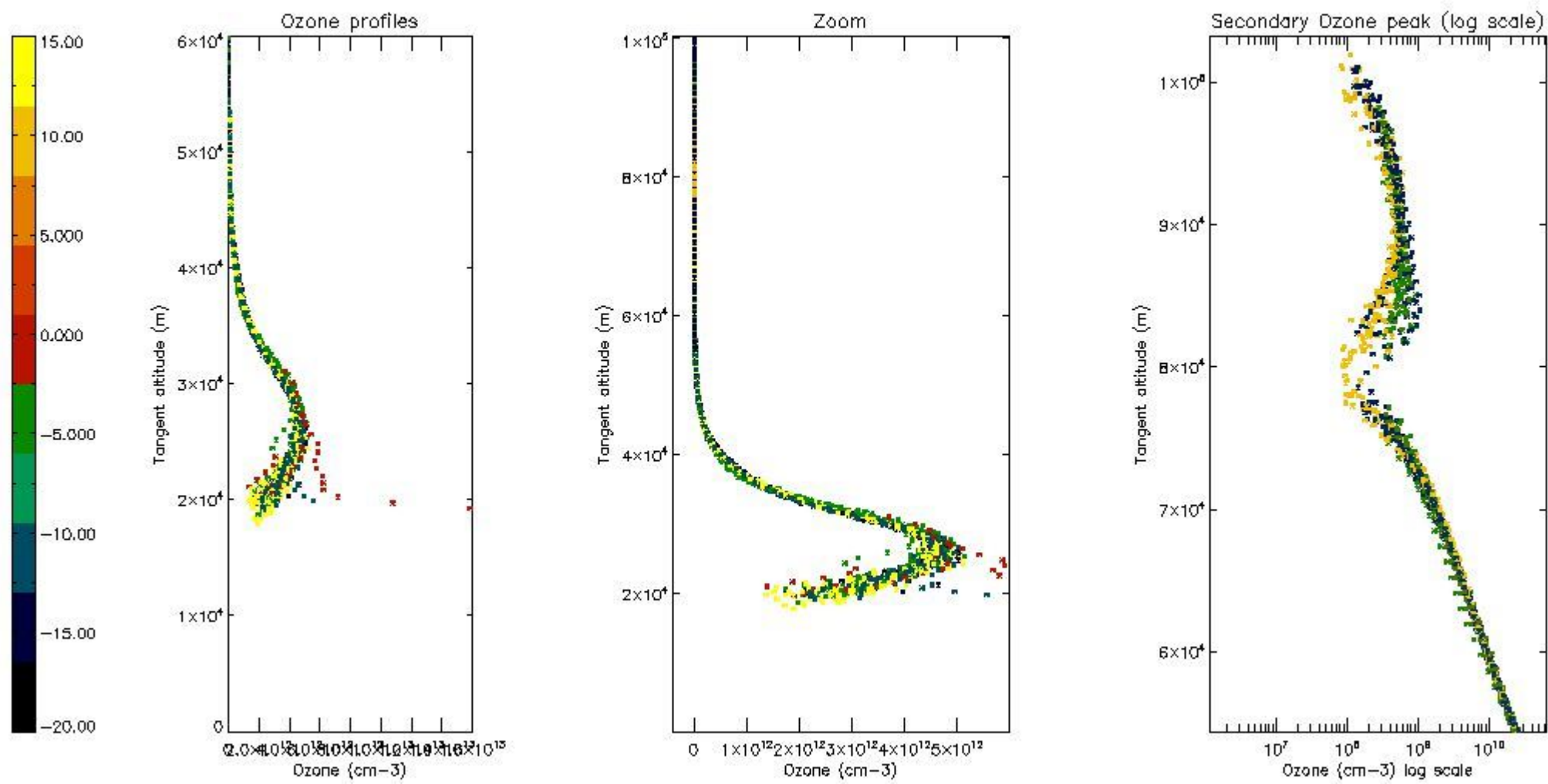
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



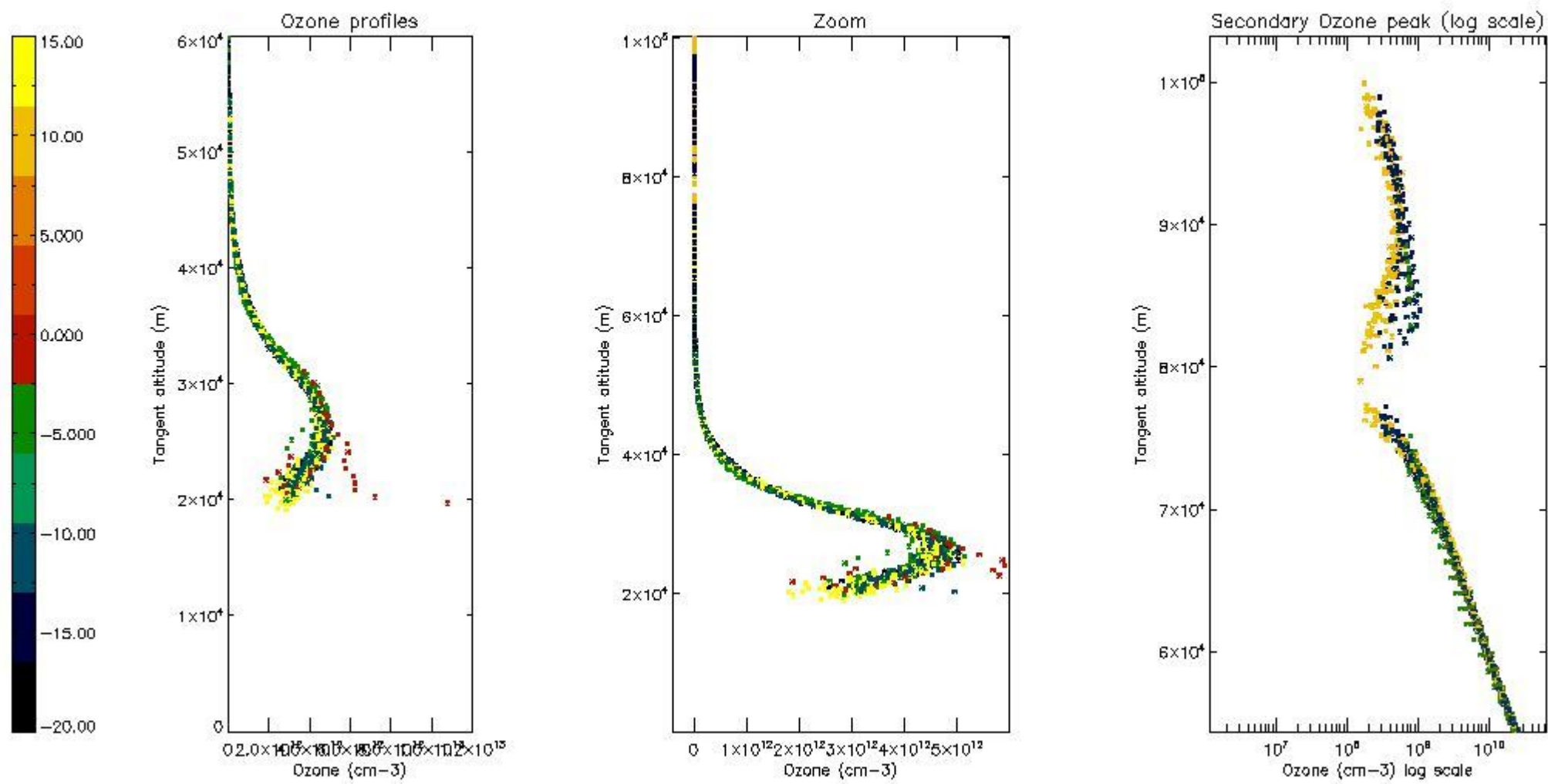
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



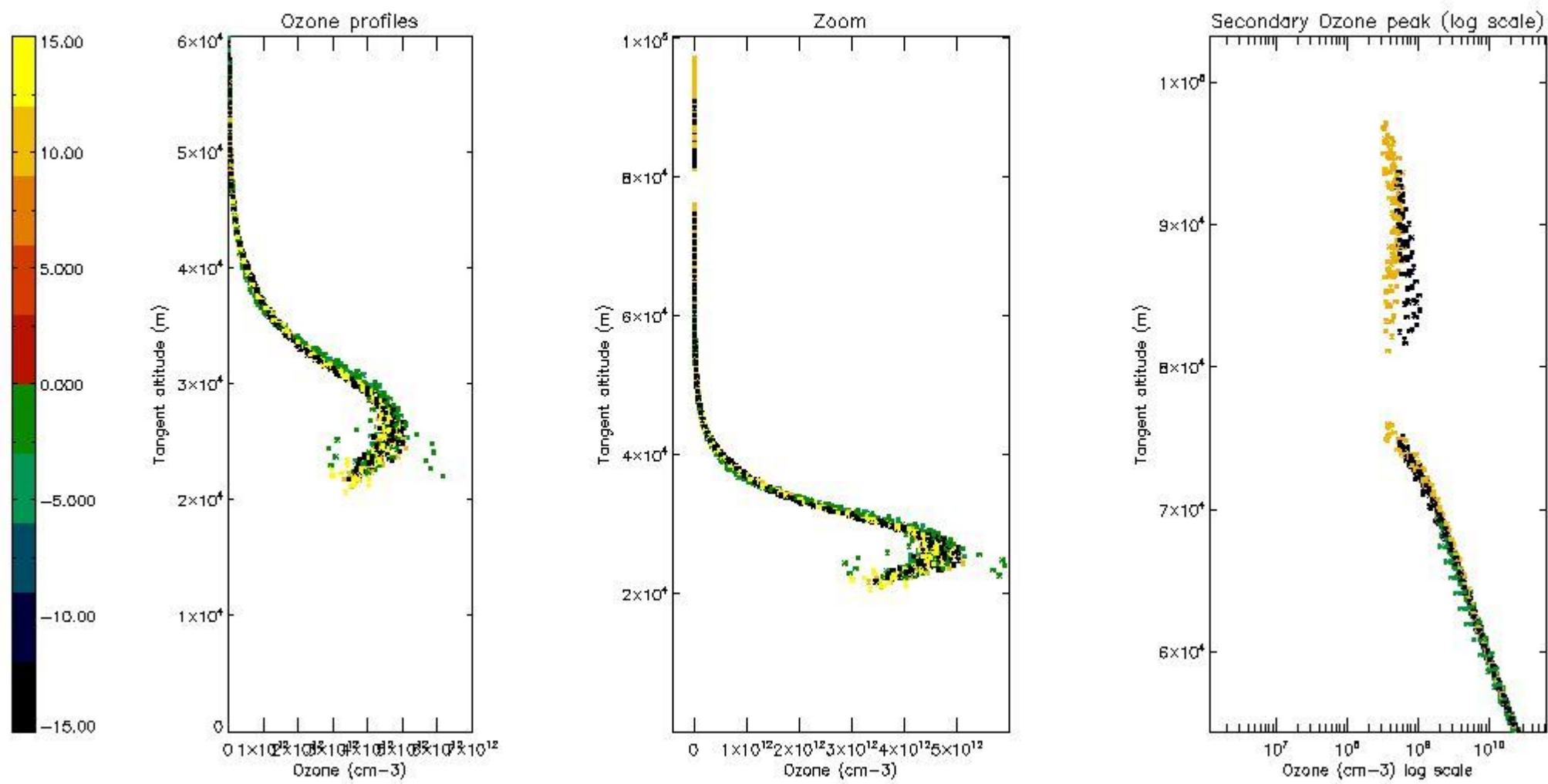
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



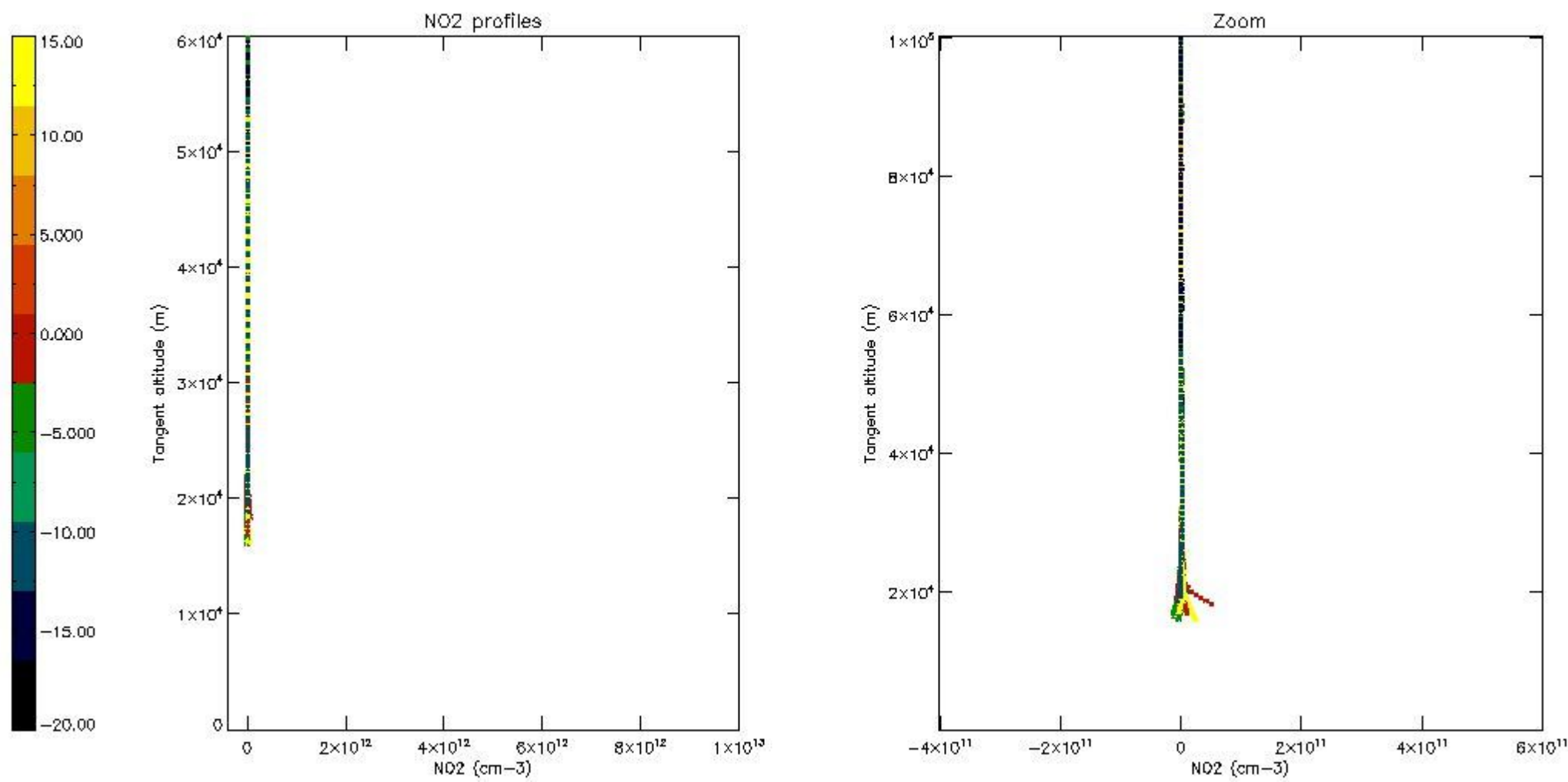
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



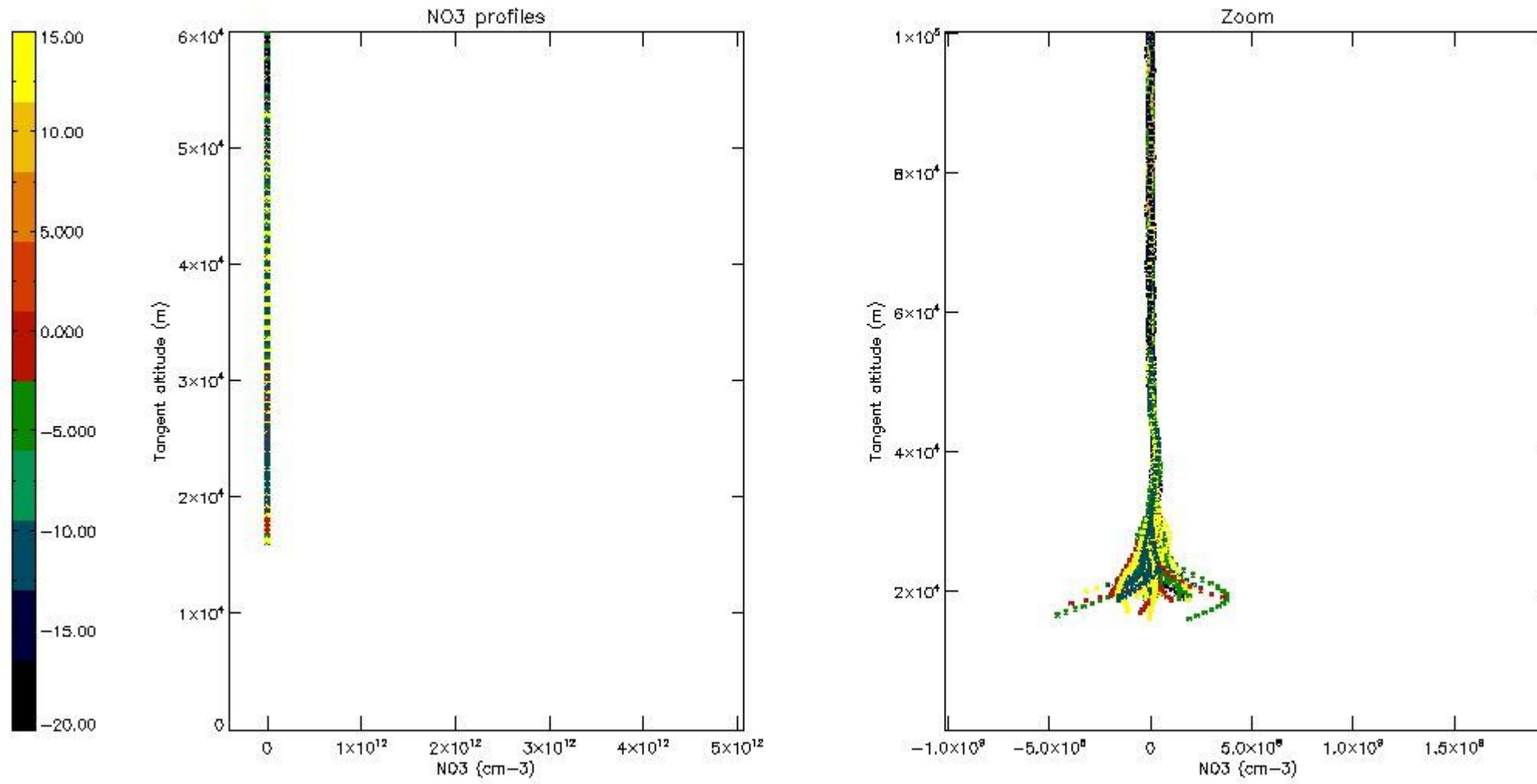
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

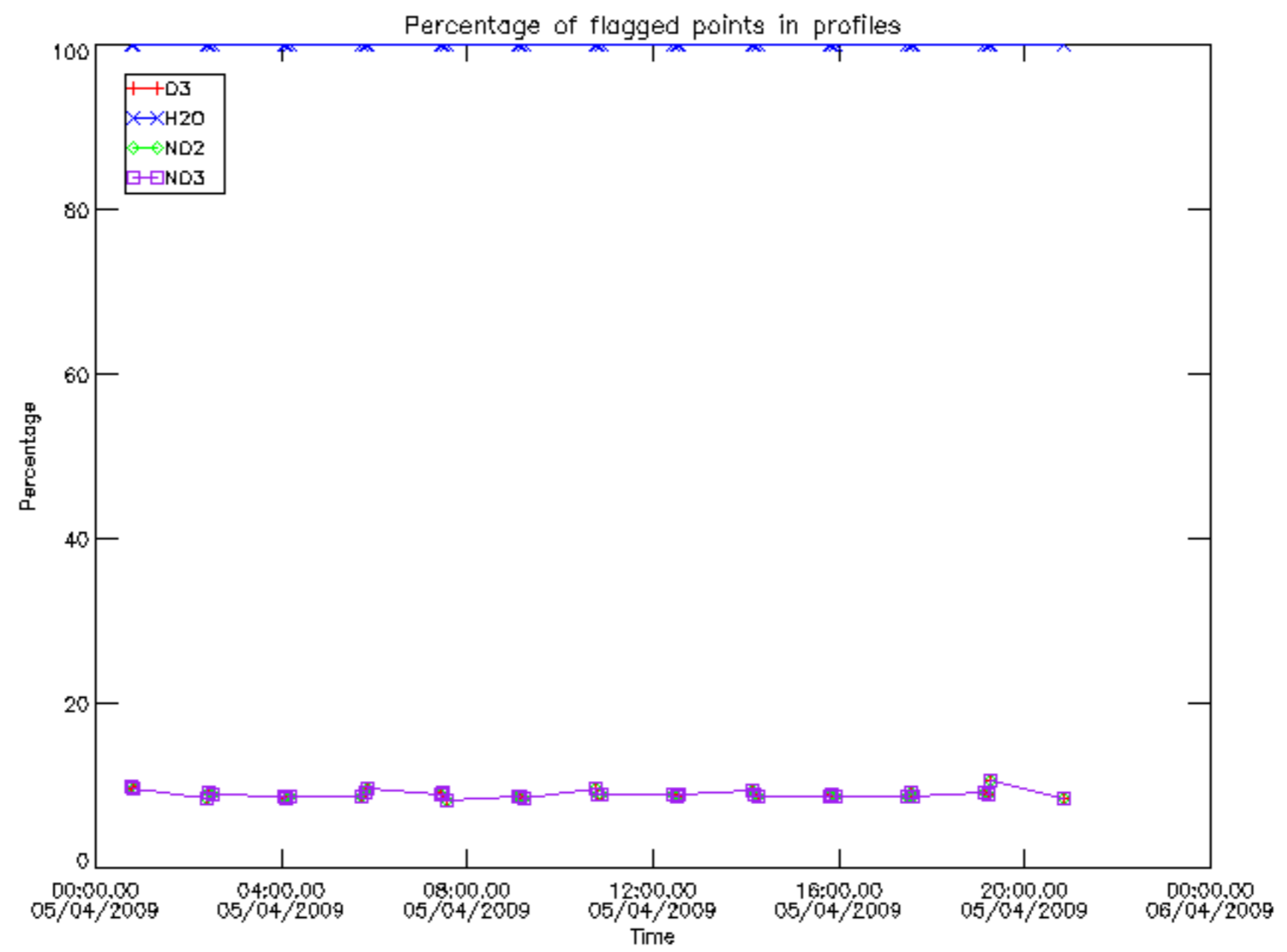
The colorbar represents the latitude.



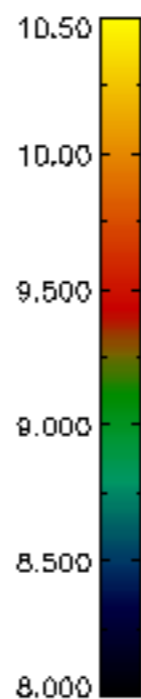
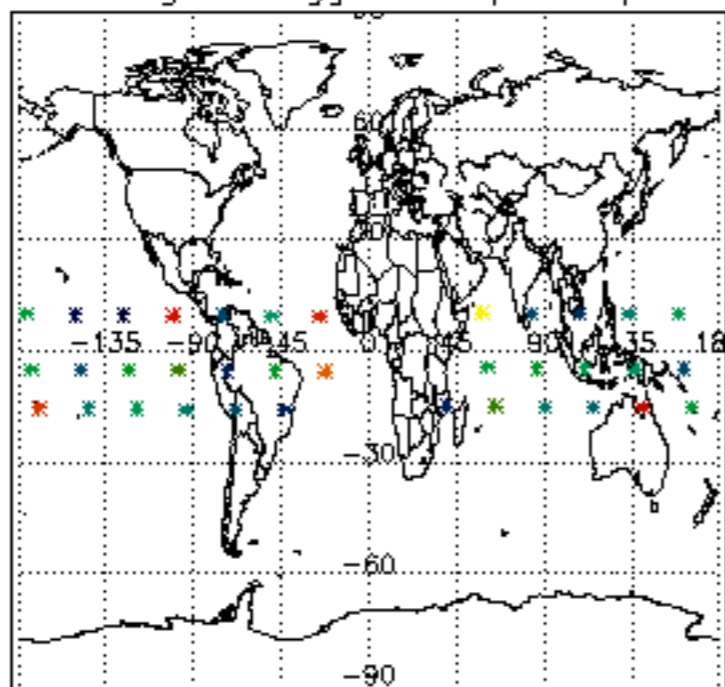
6. Auxiliary Data Files used for the production reported in section 2

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.

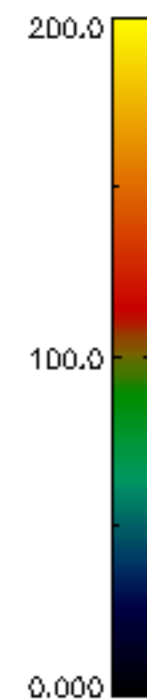
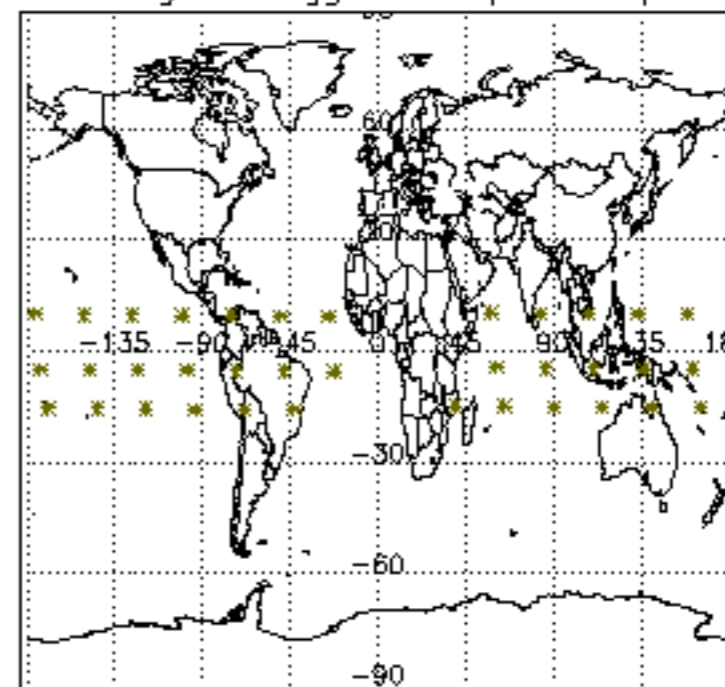
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	05-APR-2009 00:00:28
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	05-APR-2009 00:00:28
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	05-APR-2009 00:00:28



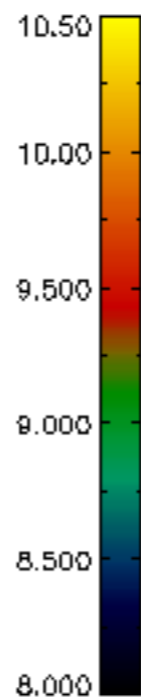
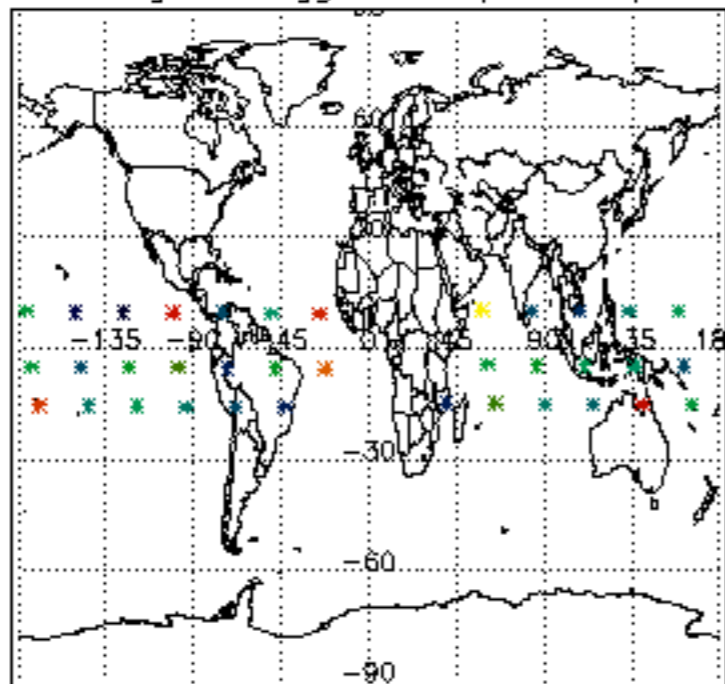
Percentage of flagged data per D3 profile



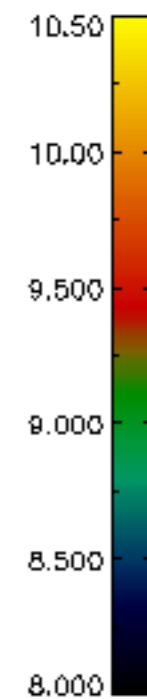
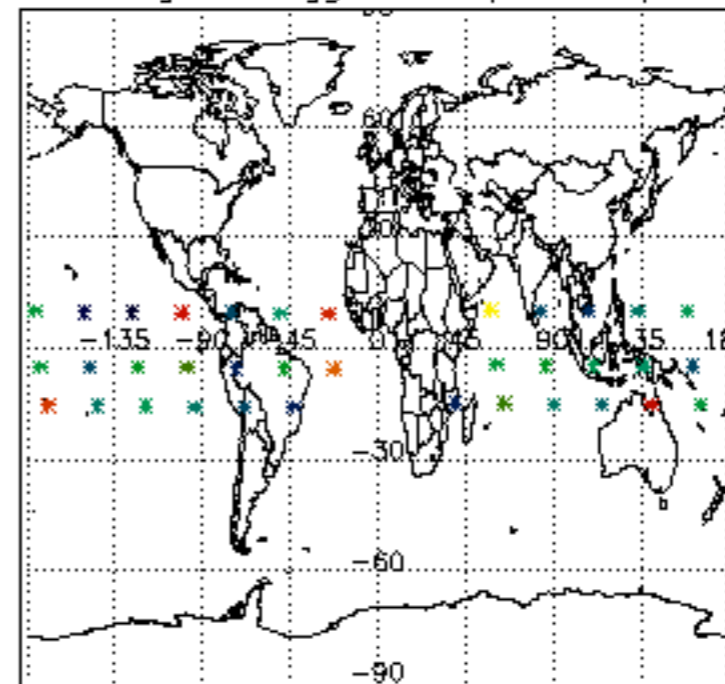
Percentage of flagged data per H2O profile

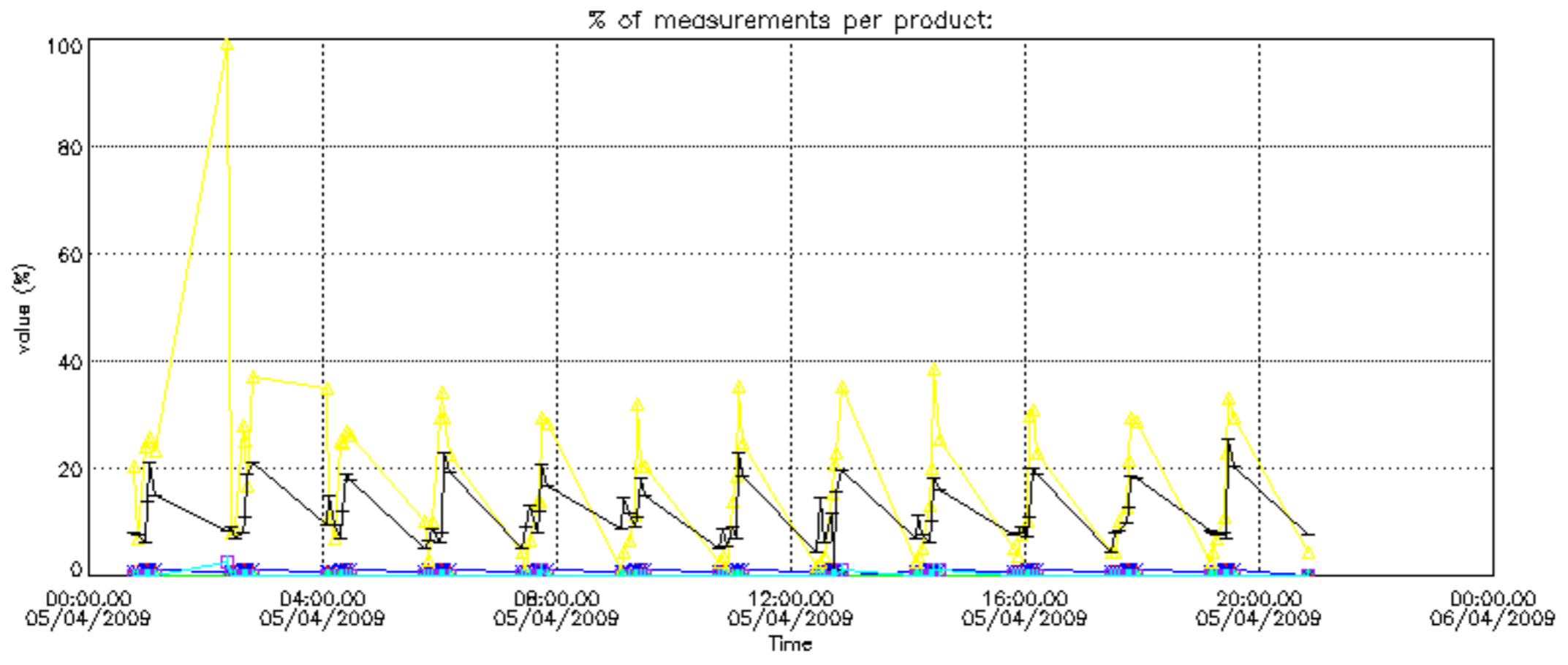


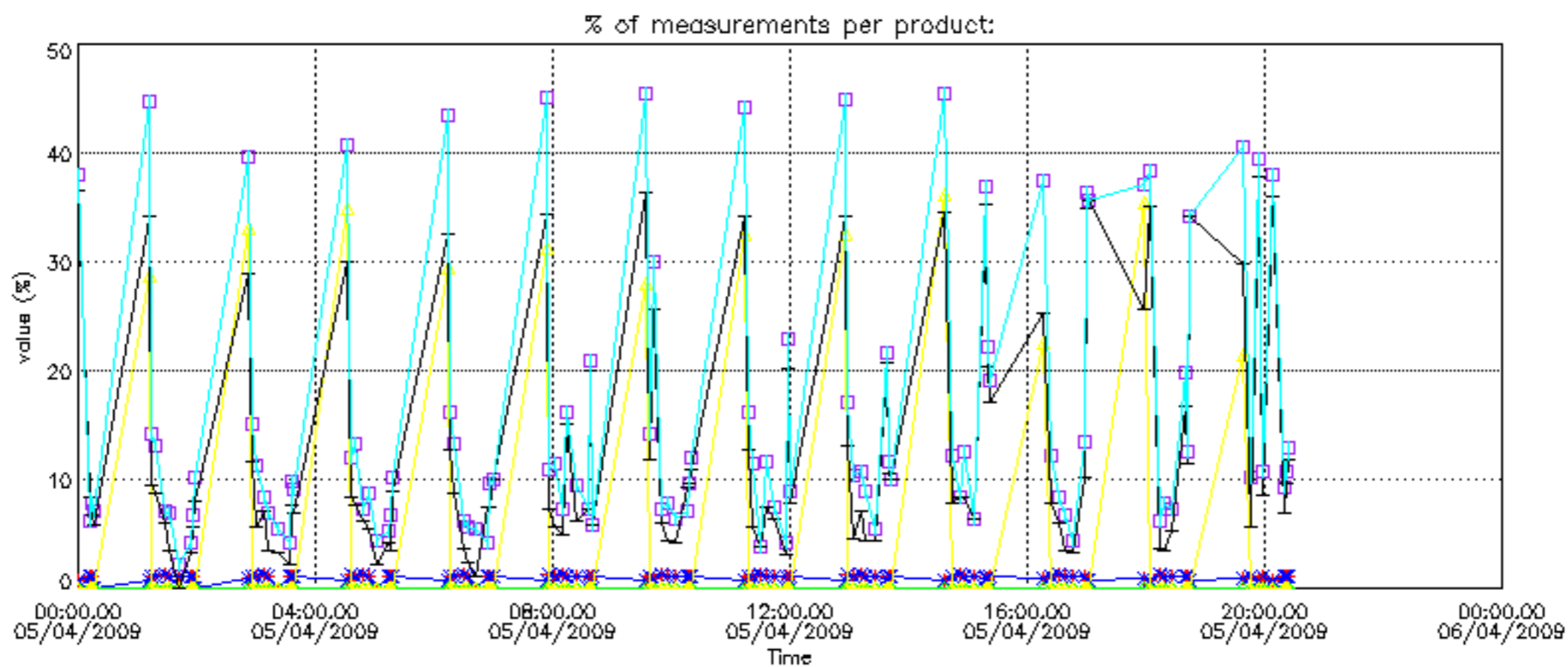
Percentage of flagged data per NO2 profile



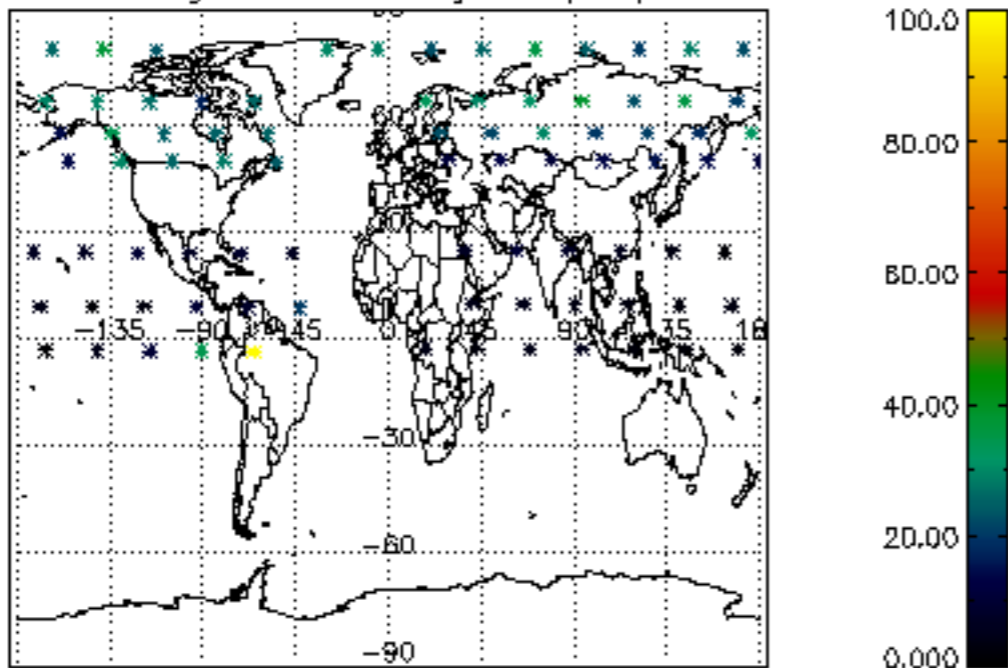
Percentage of flagged data per NO3 profile



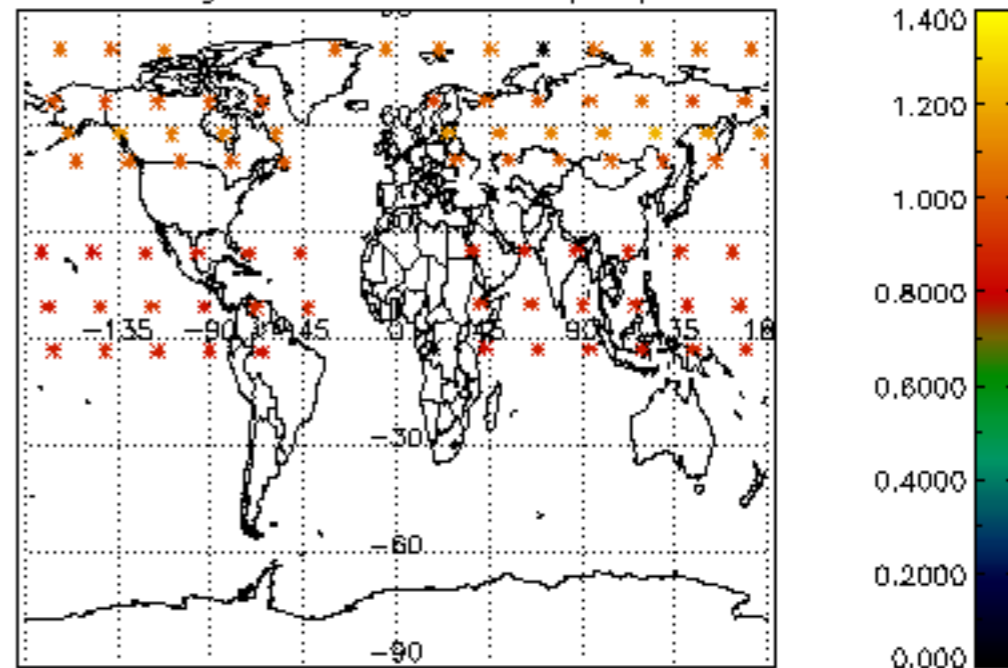




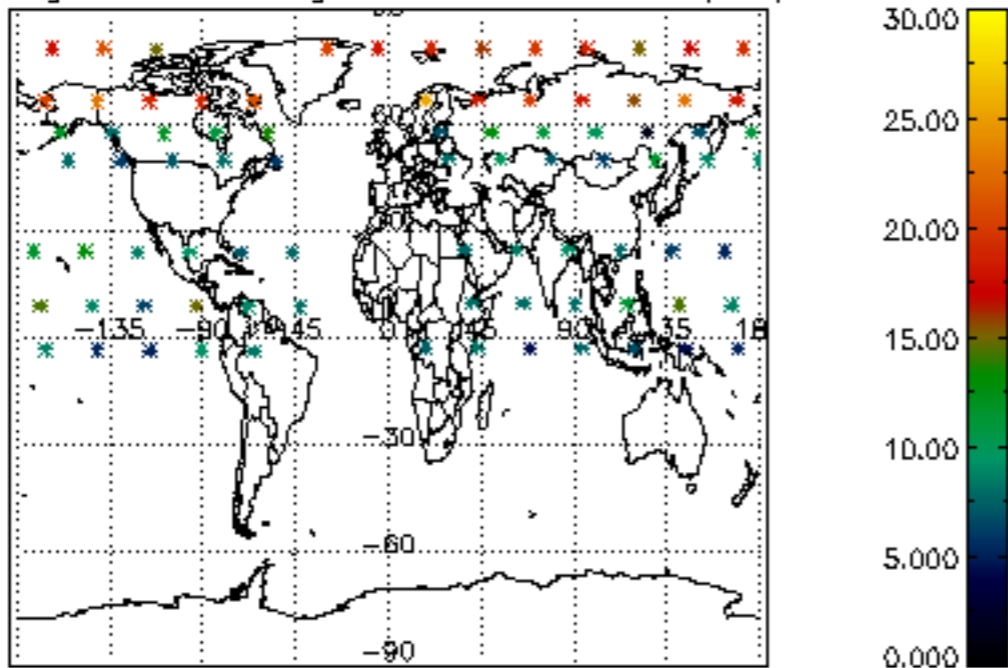
Percentage of cosmic ray hits per profile



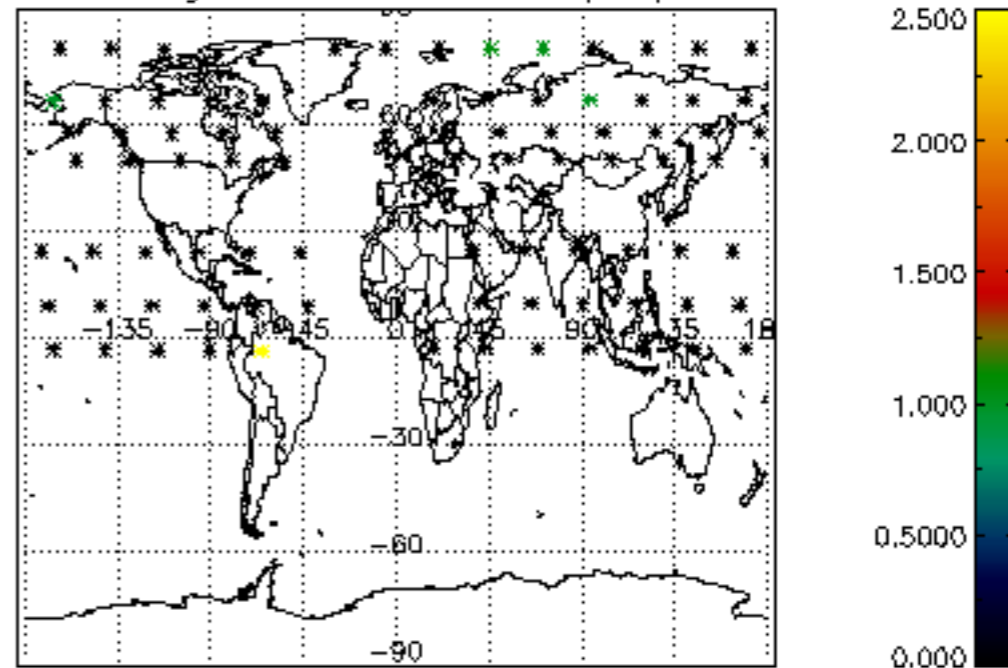
Percentage of datation errors per profile



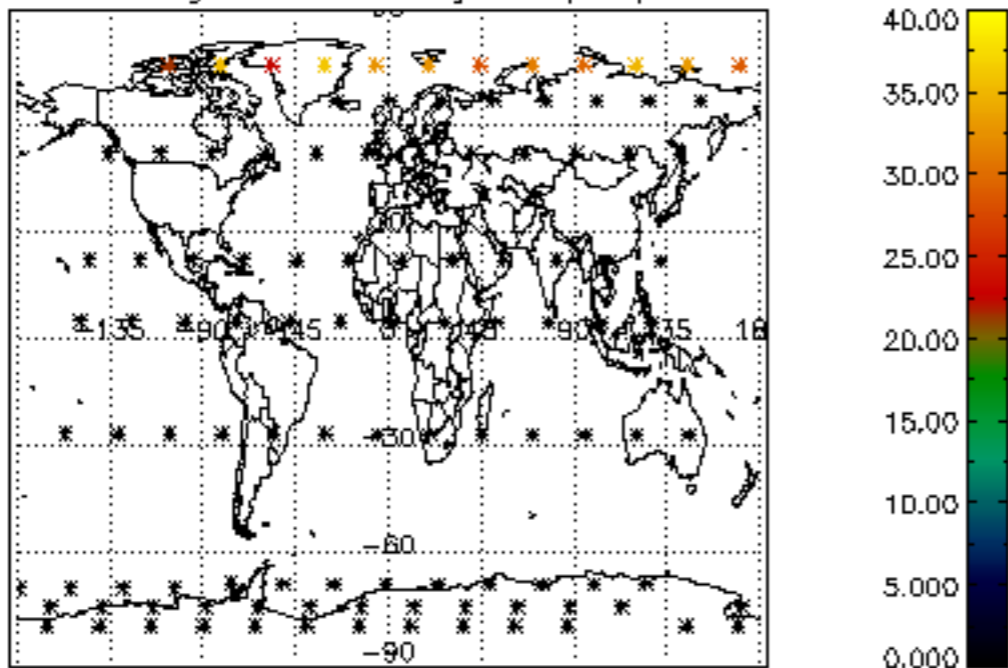
Percentage of star falling outside central band per profile



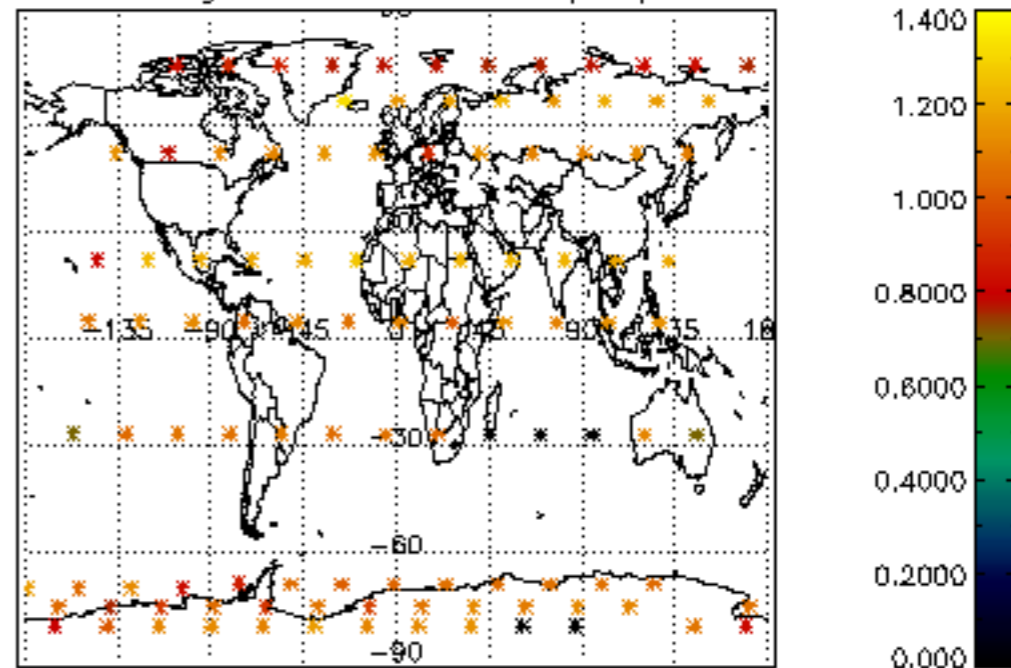
Percentage of saturation errors per profile



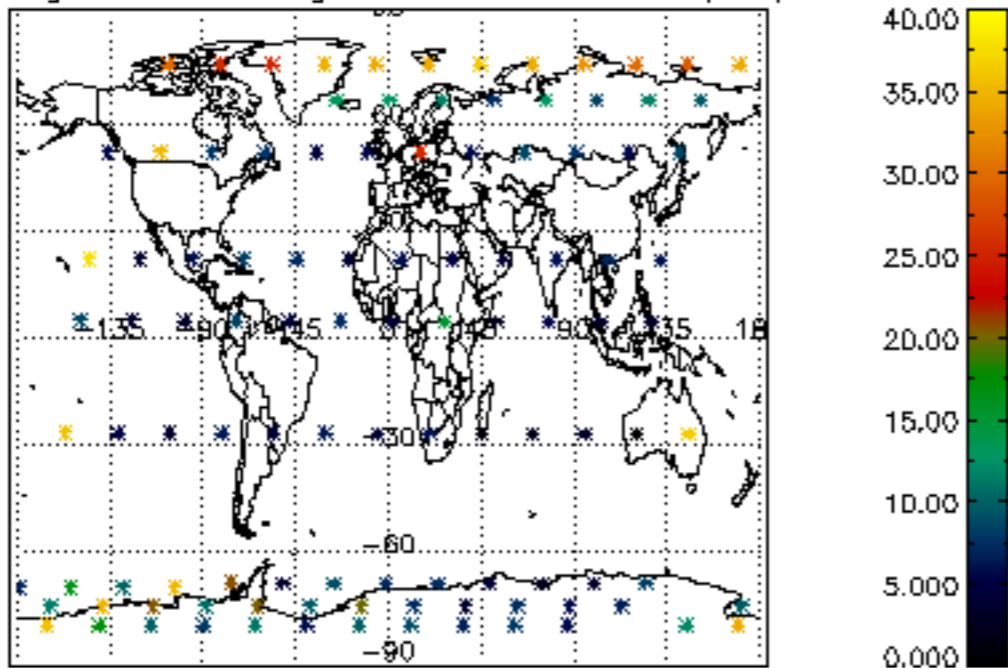
Percentage of cosmic ray hits per profile



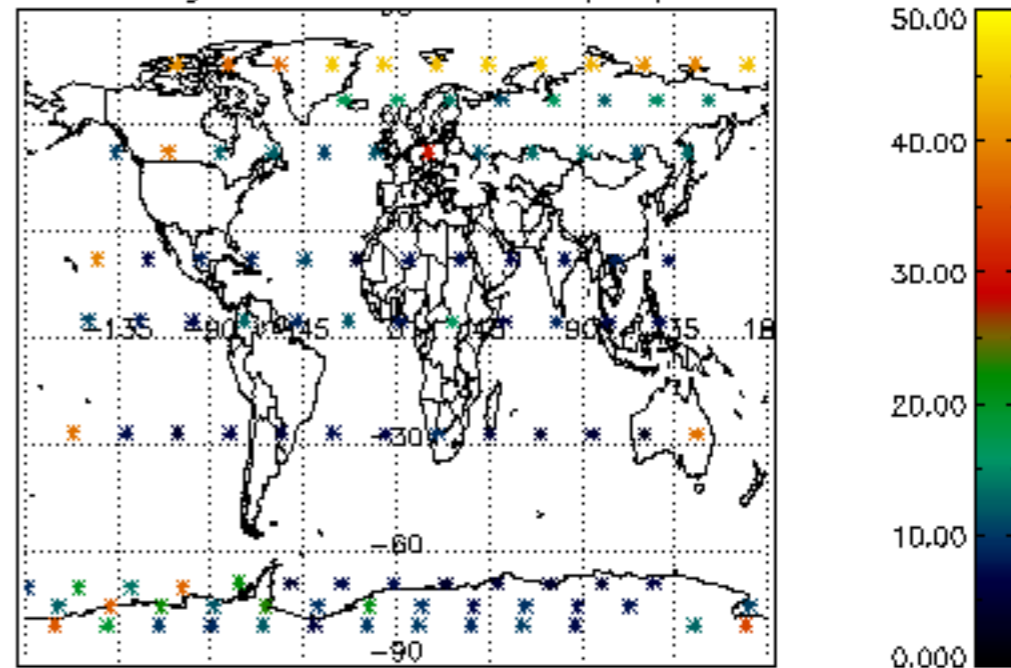
Percentage of datation errors per profile

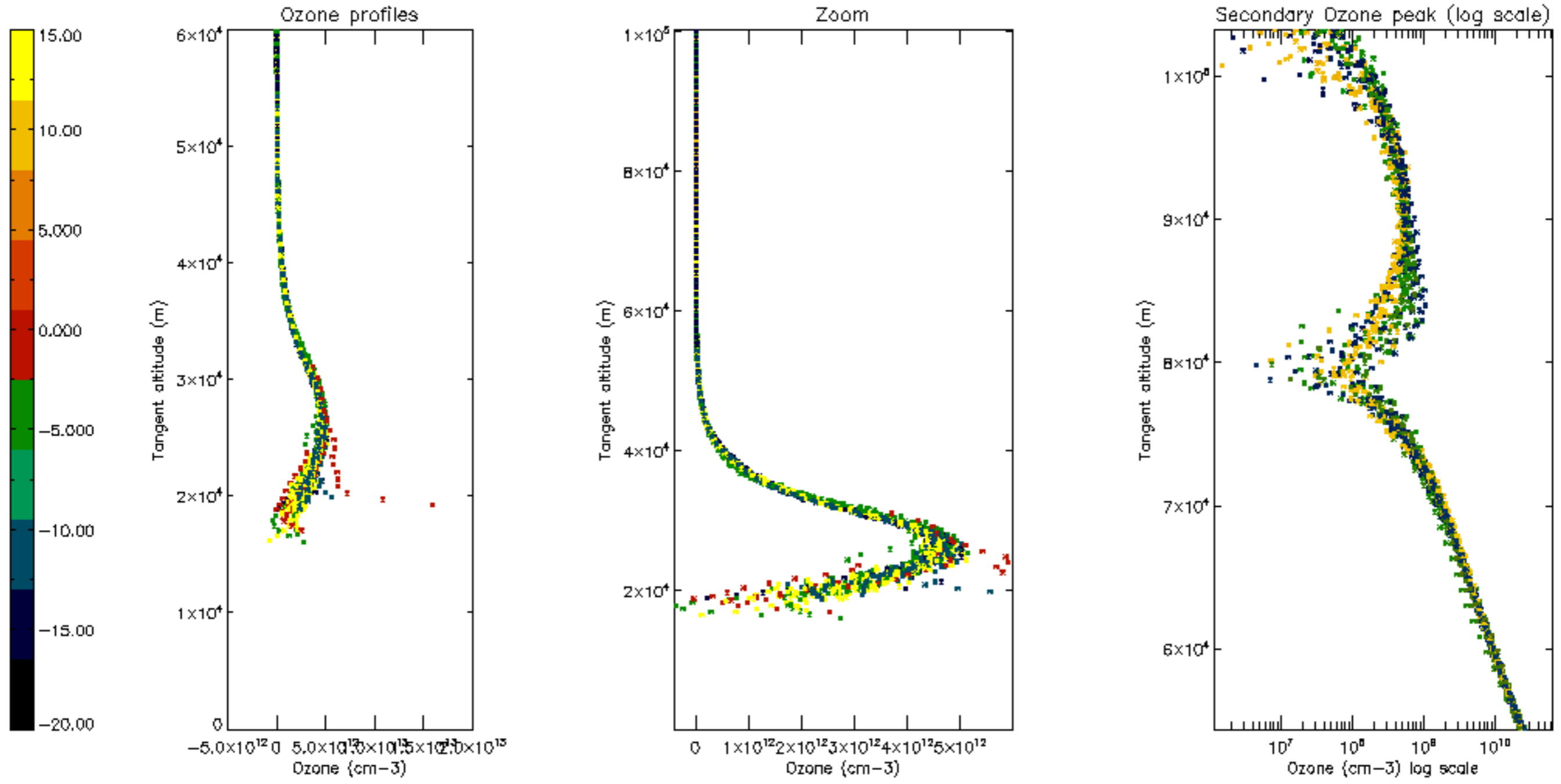


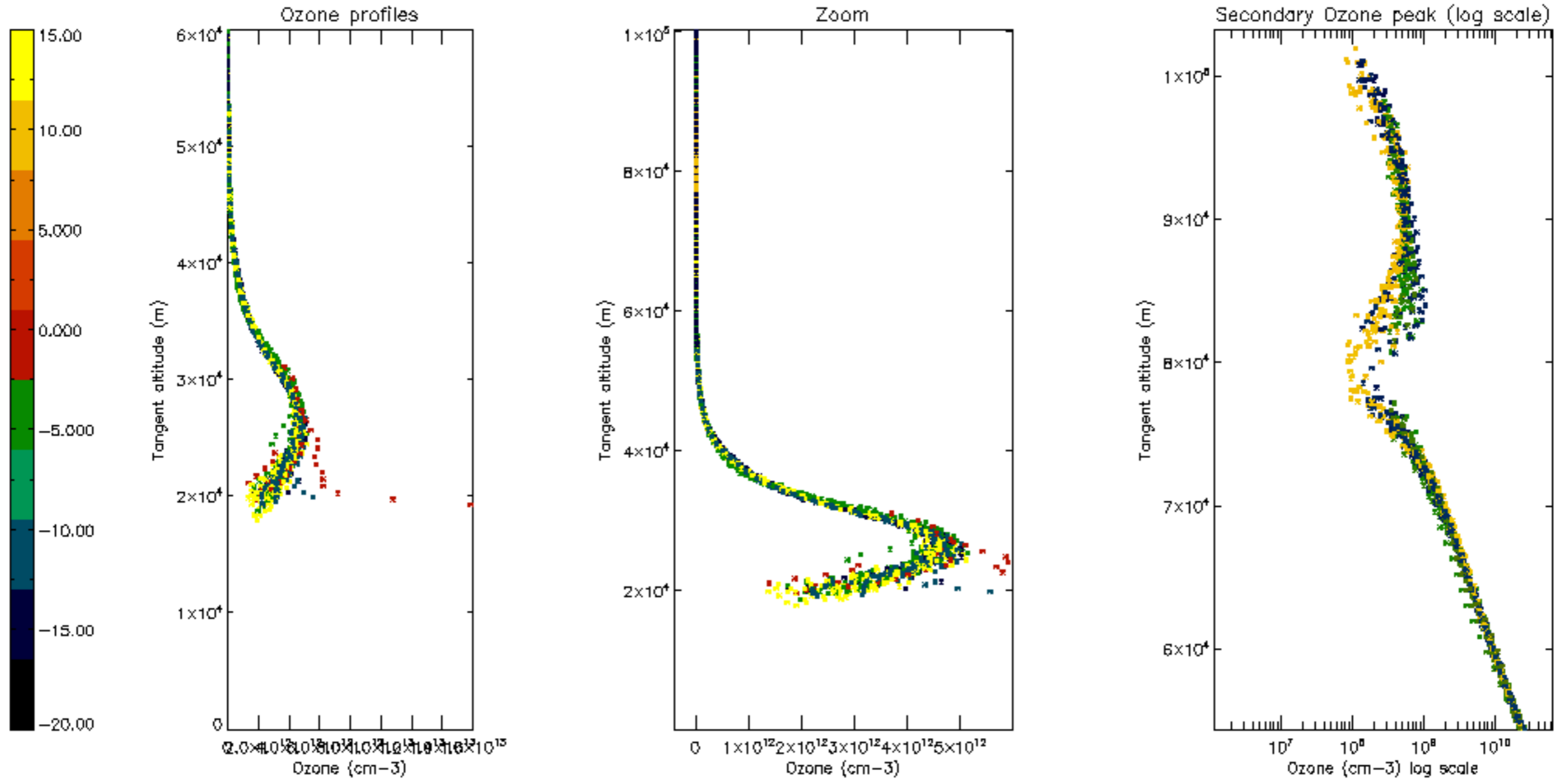
Percentage of star falling outside central band per profile

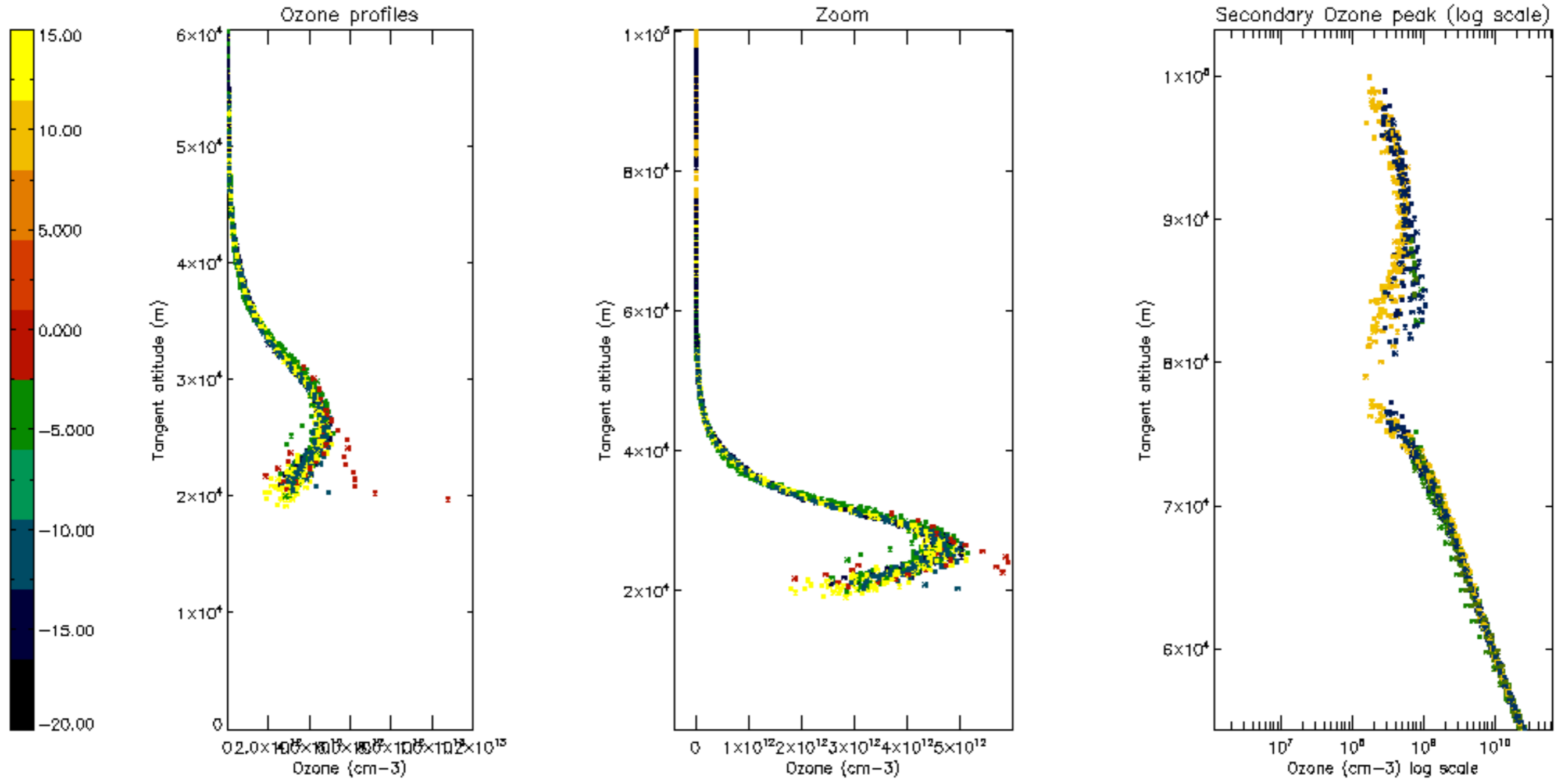


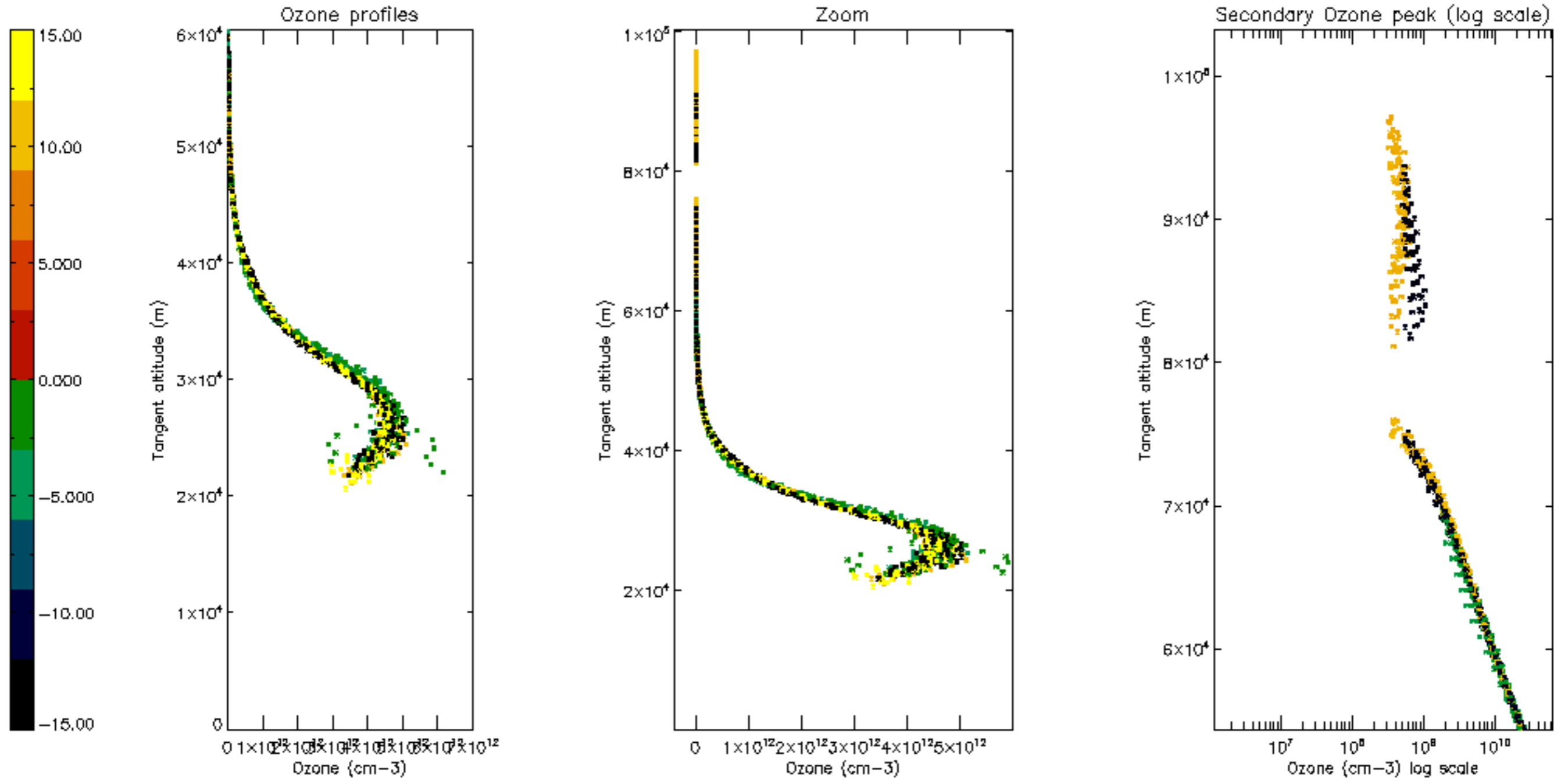
Percentage of saturation errors per profile

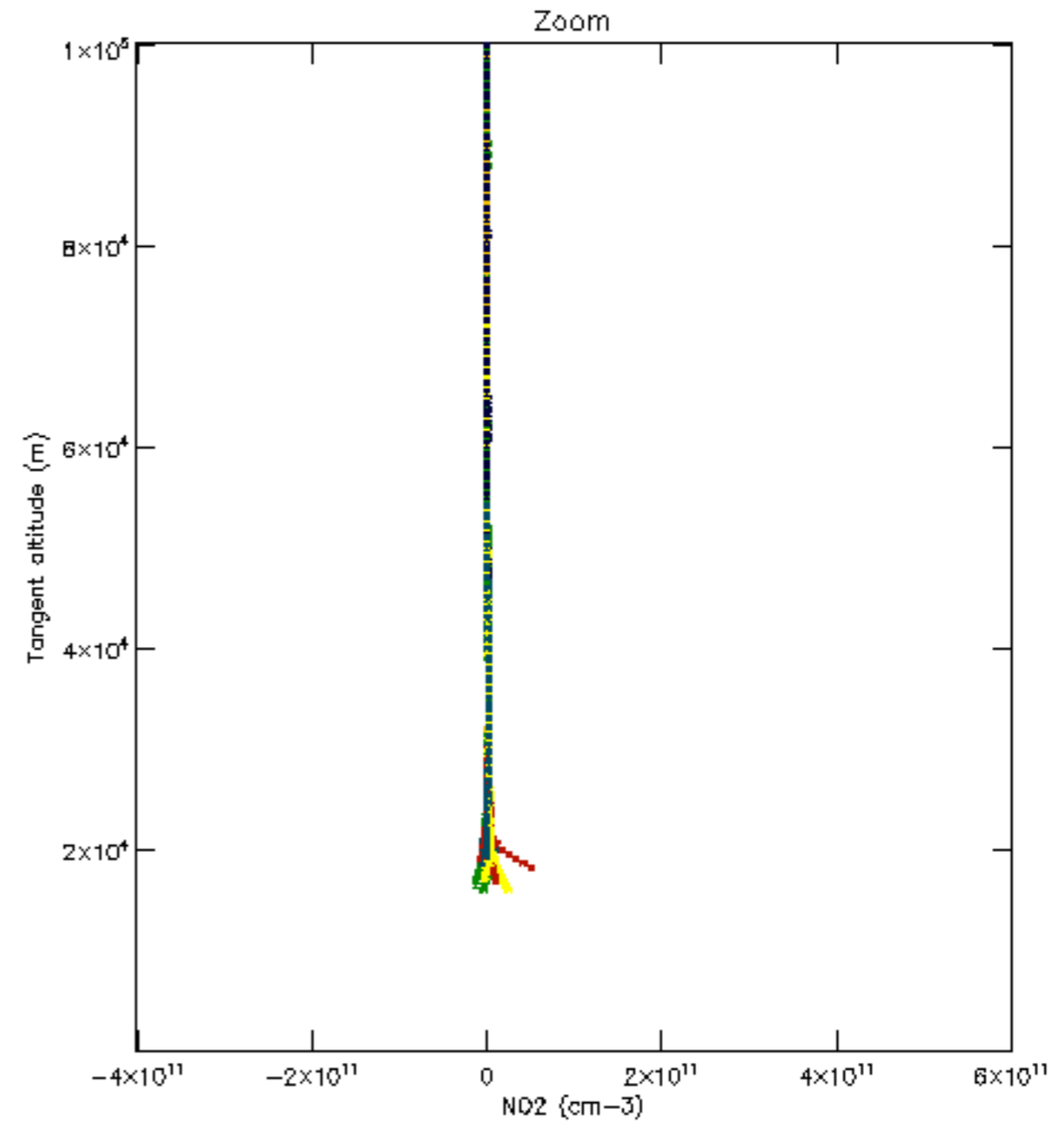
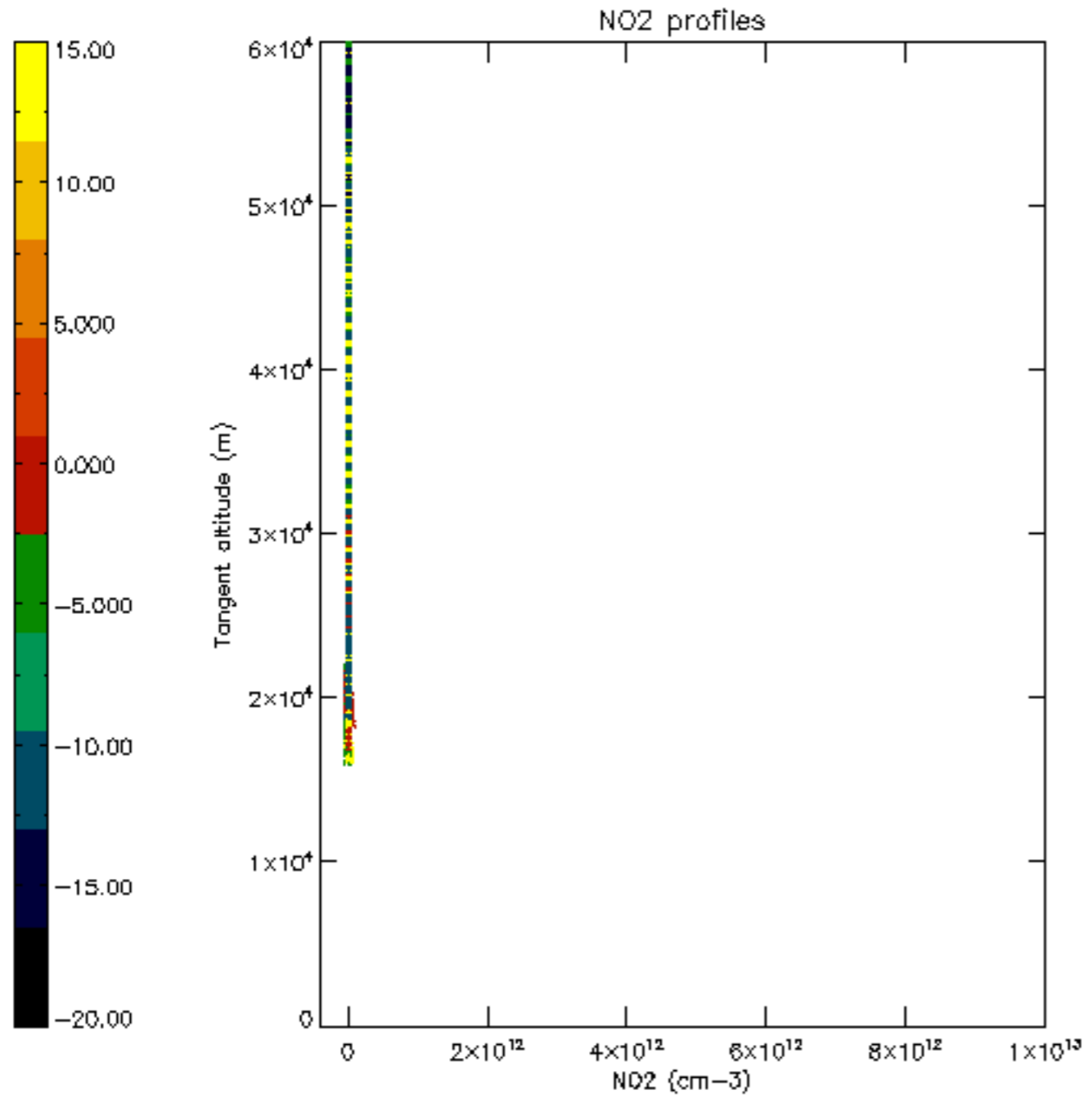


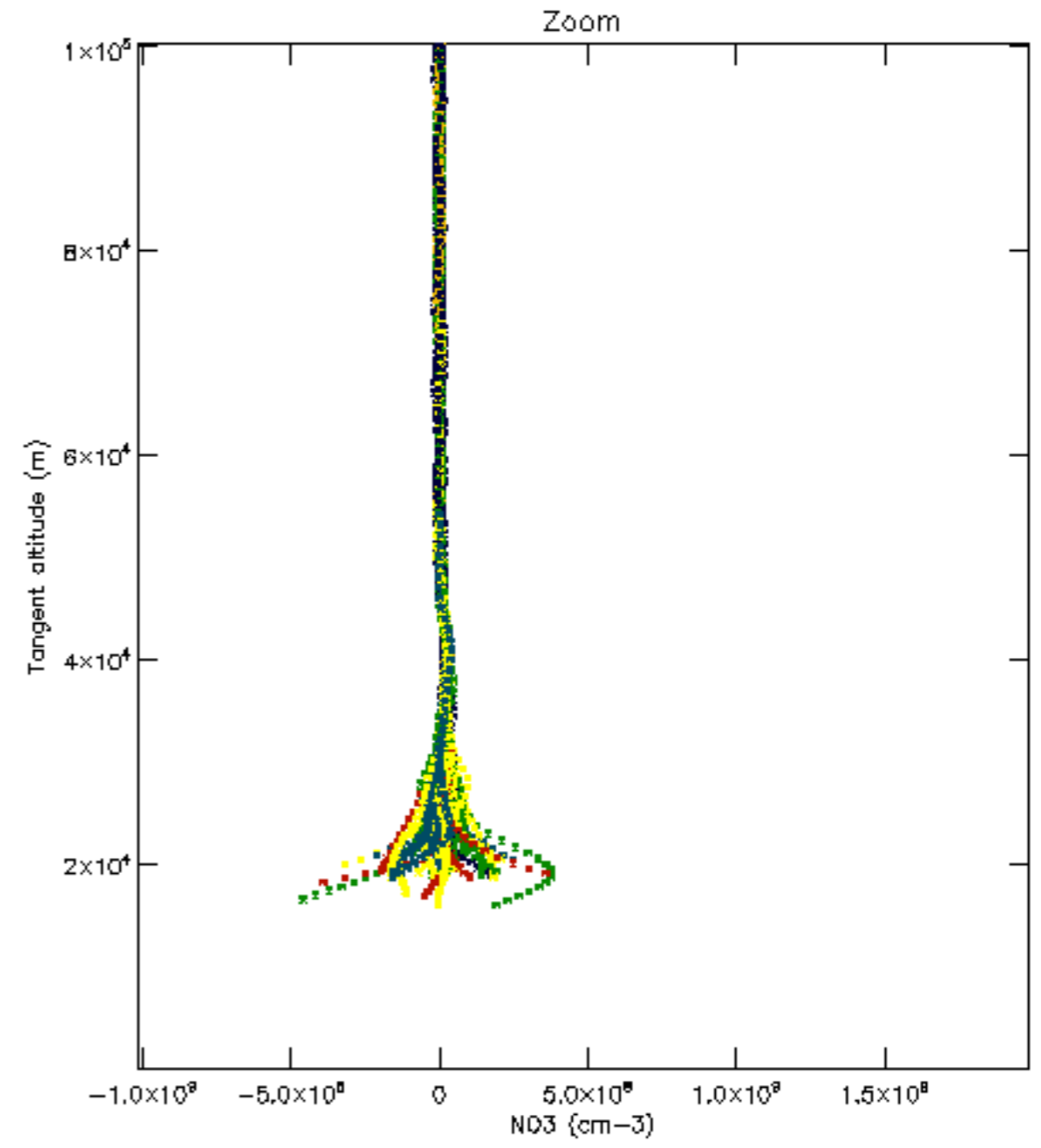
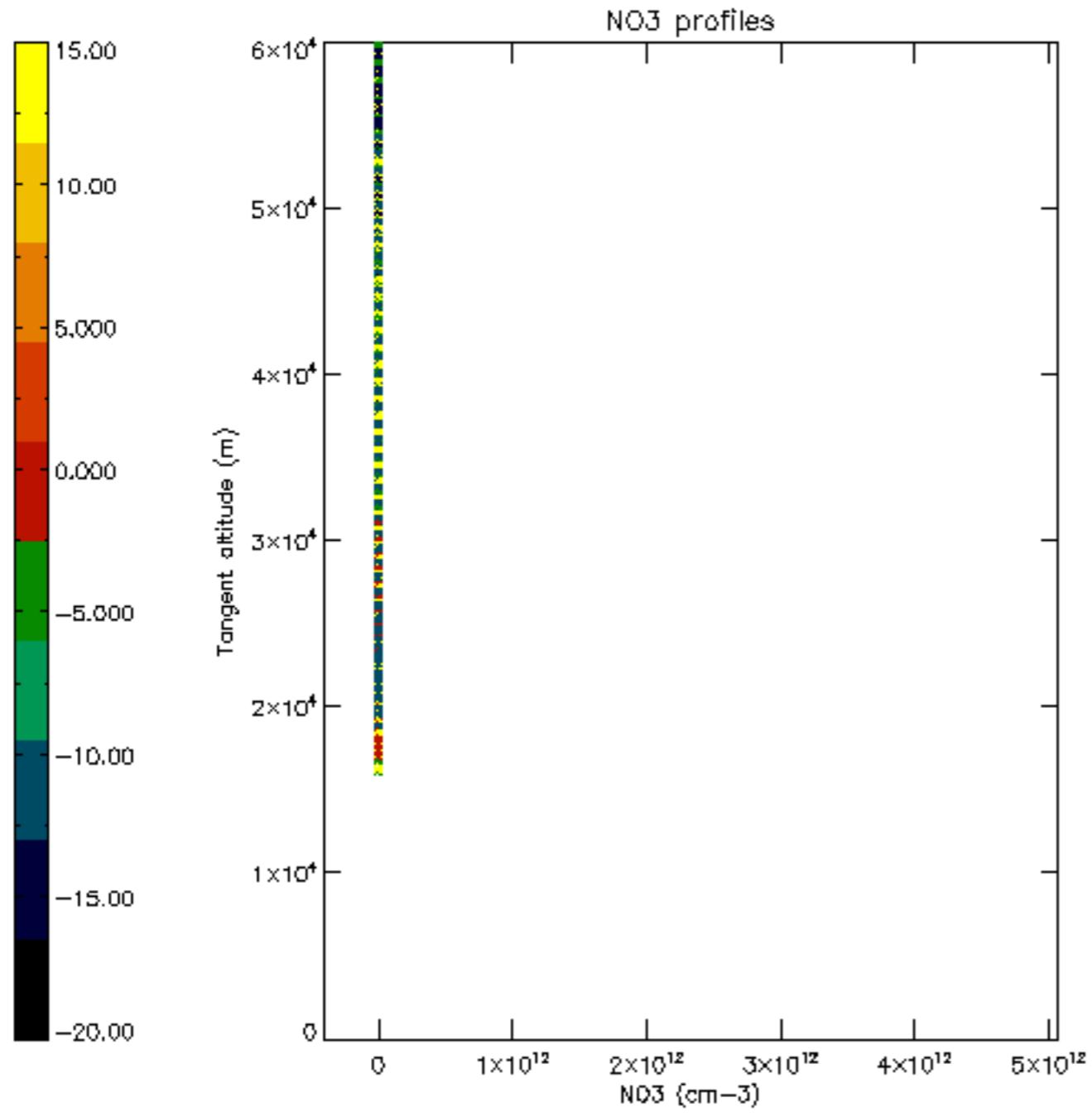


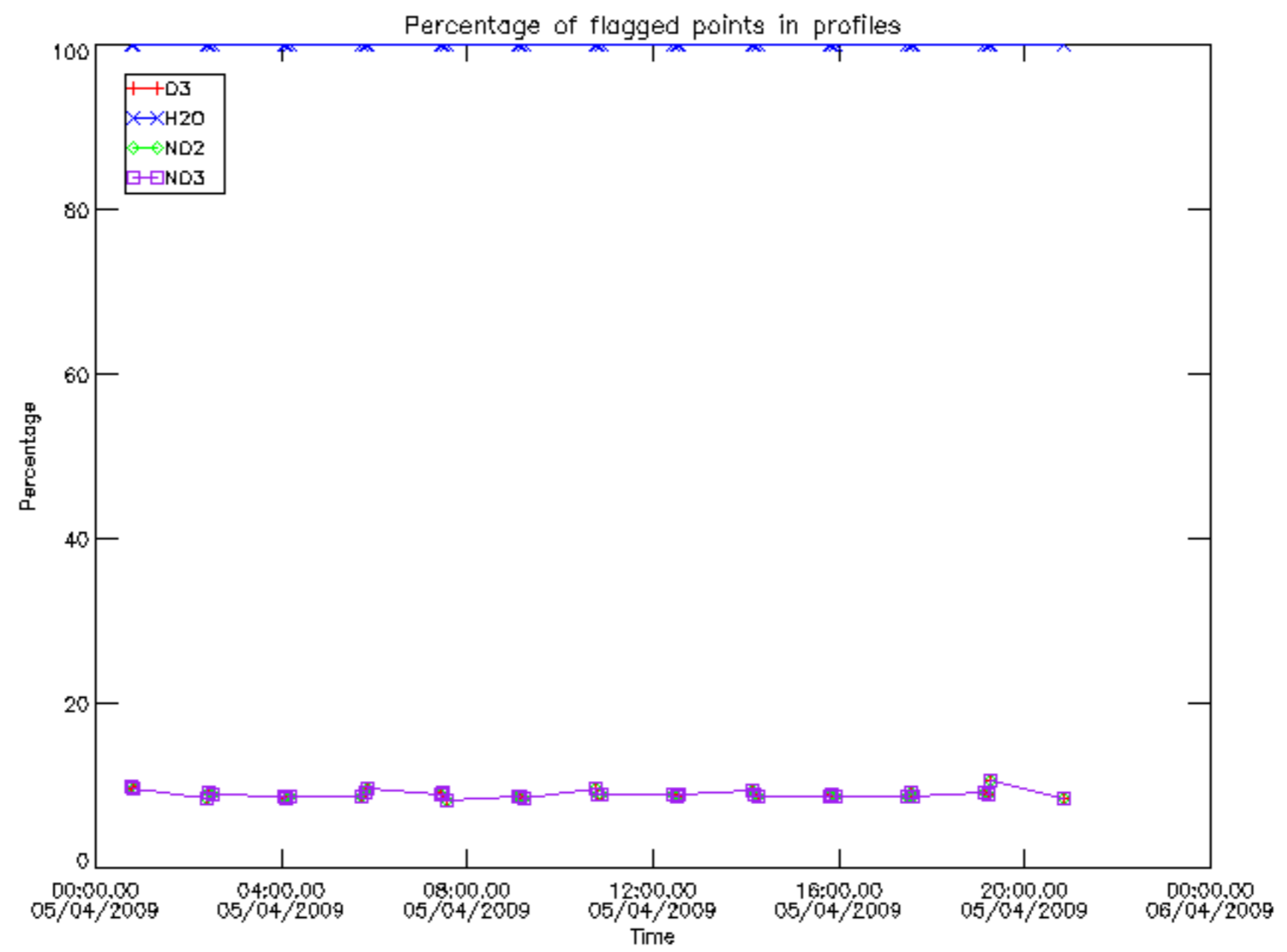




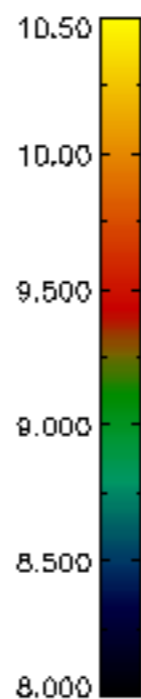
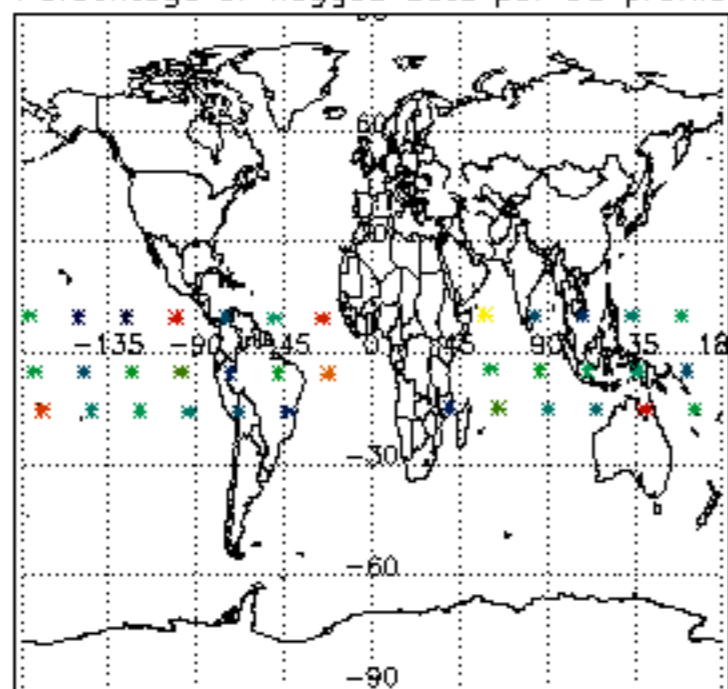




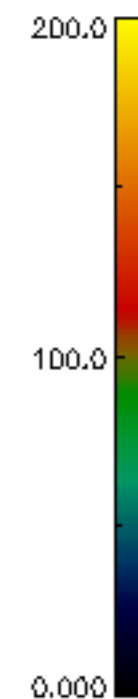
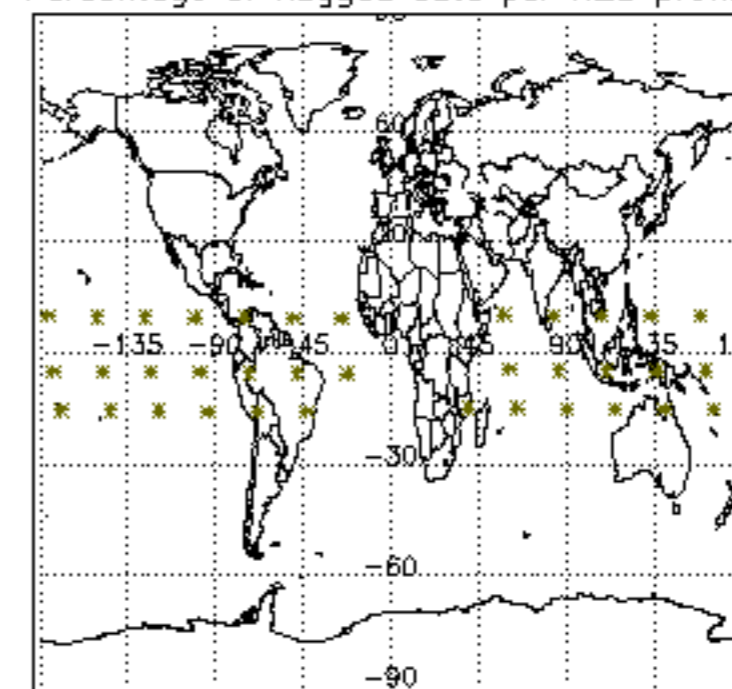




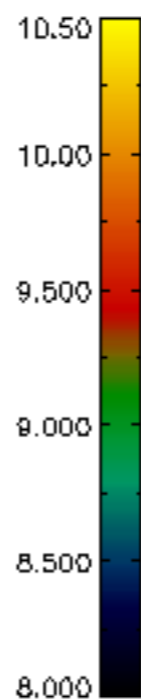
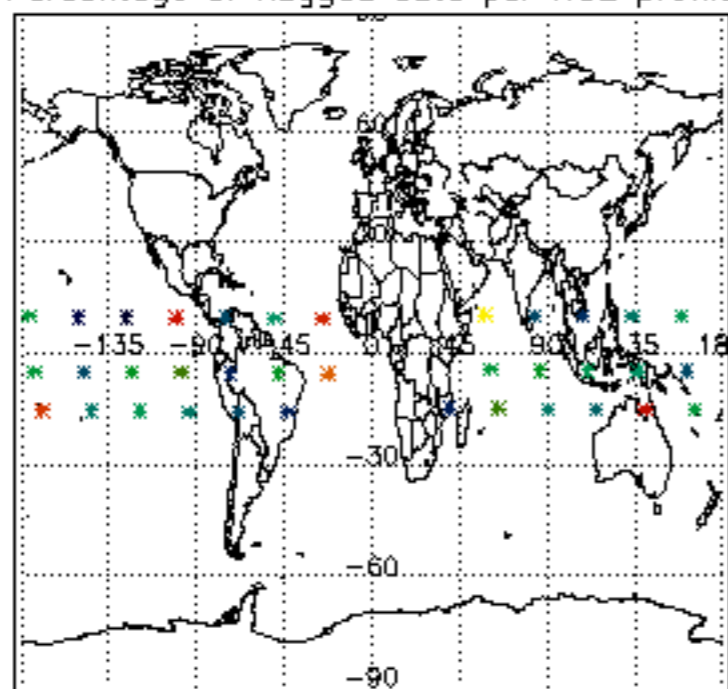
Percentage of flagged data per D3 profile



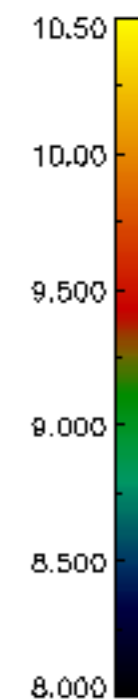
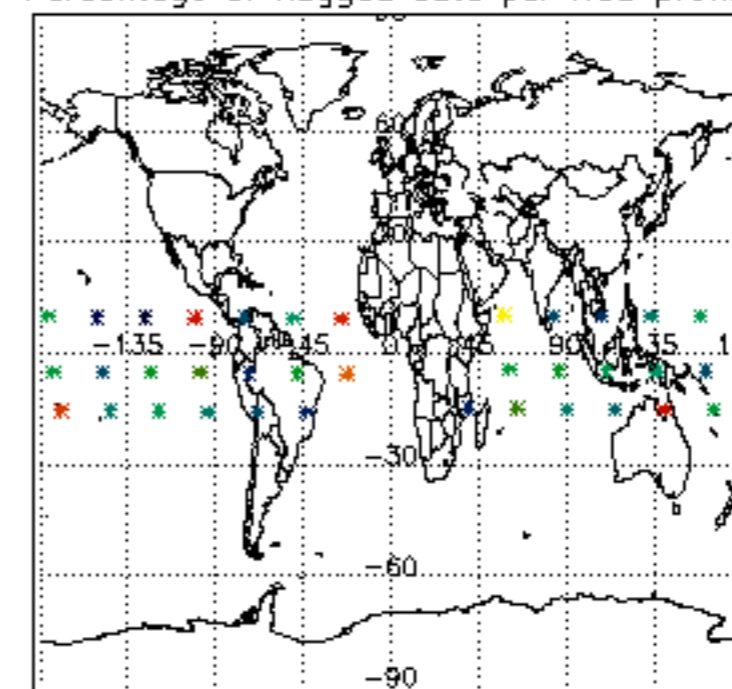
Percentage of flagged data per H2O profile

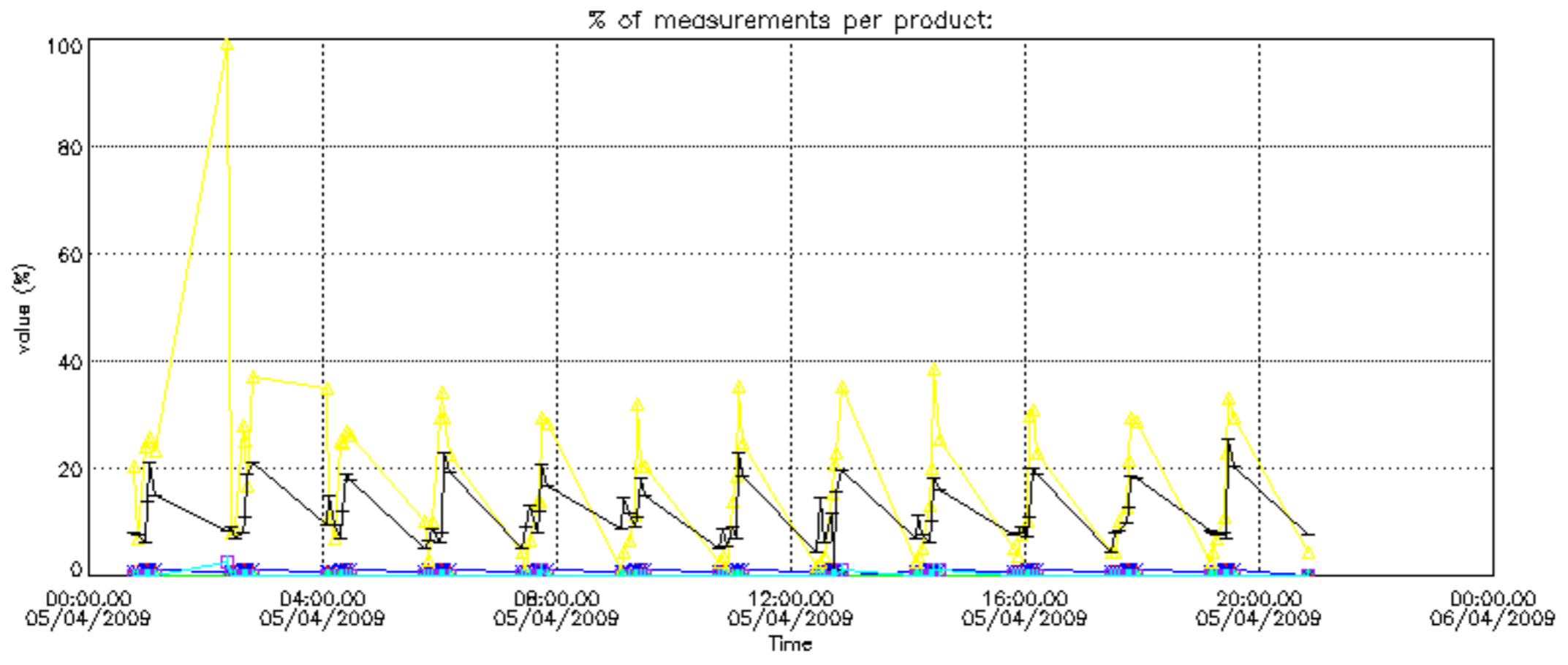


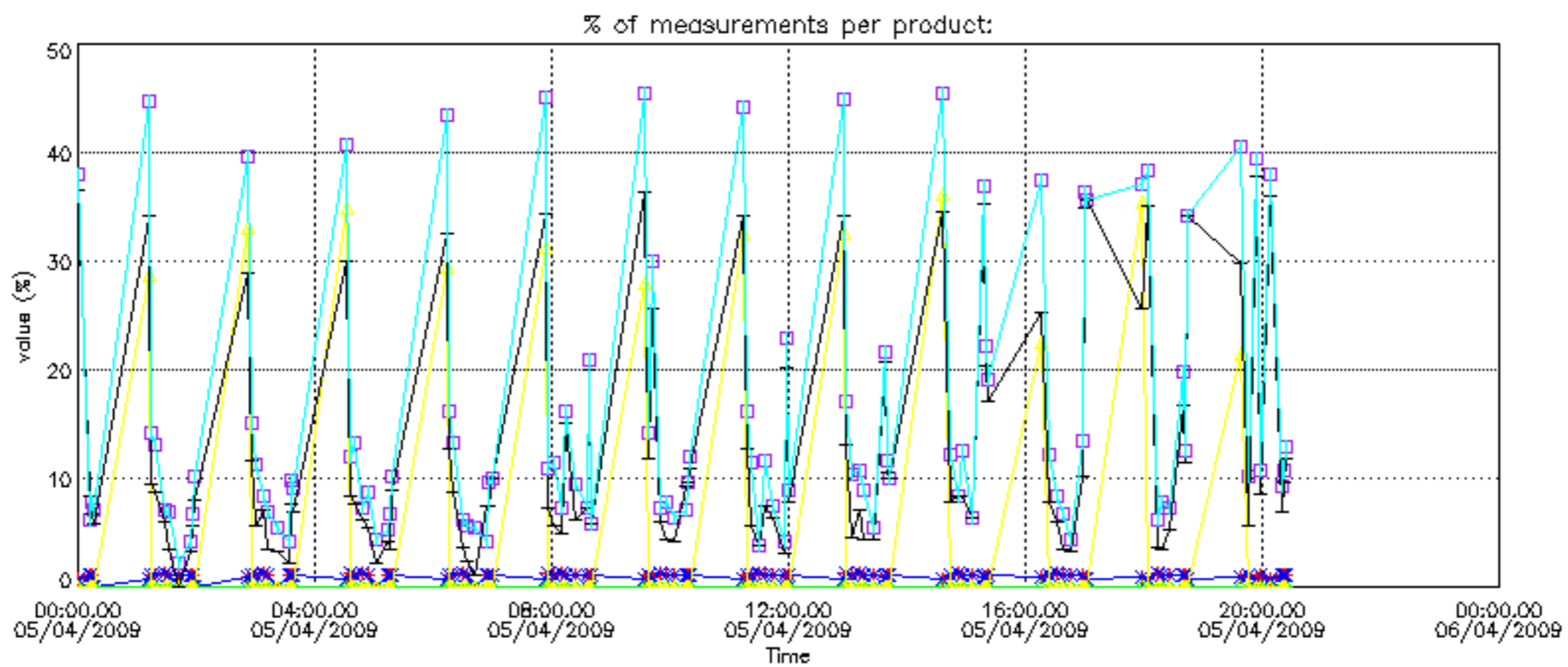
Percentage of flagged data per NO2 profile



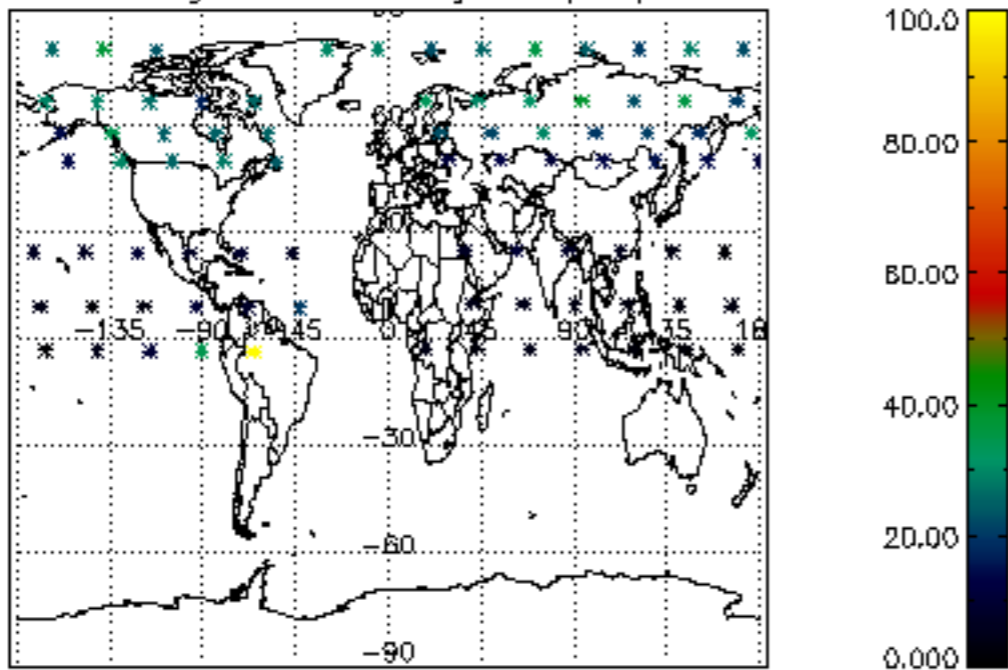
Percentage of flagged data per NO3 profile



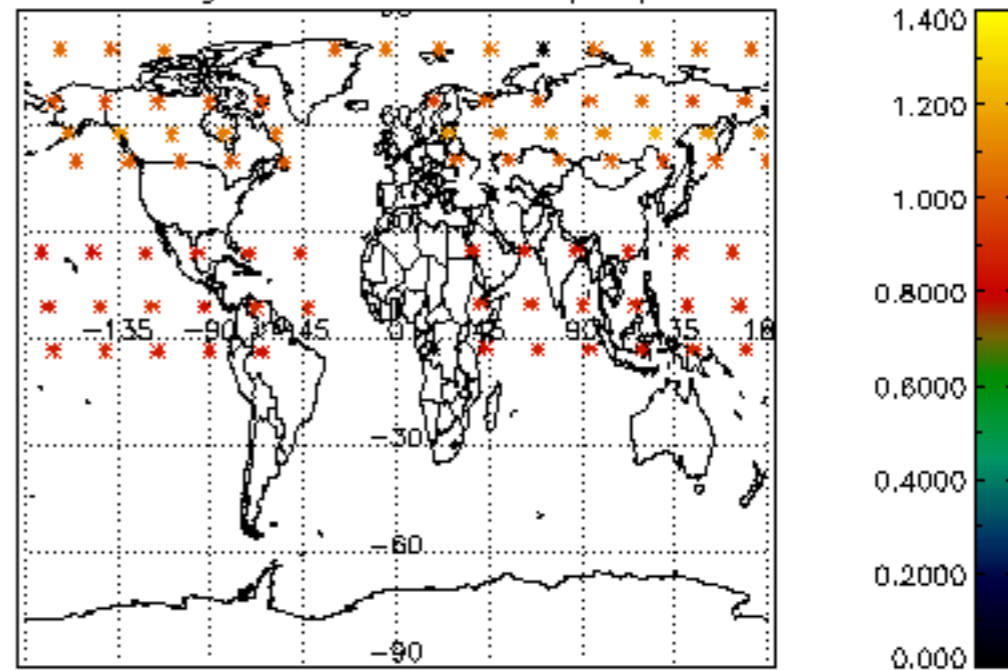




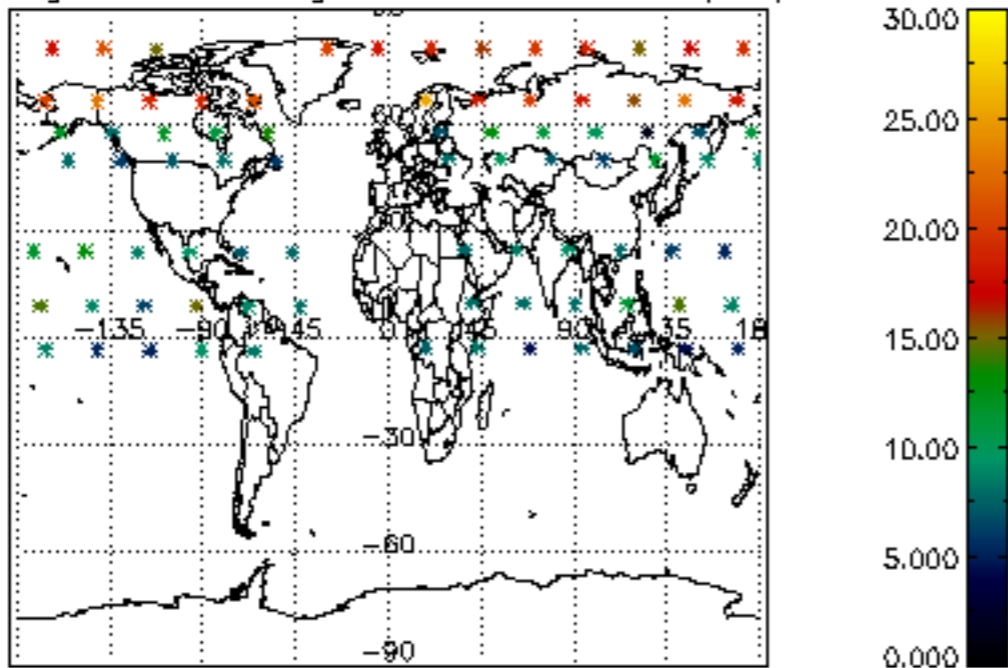
Percentage of cosmic ray hits per profile



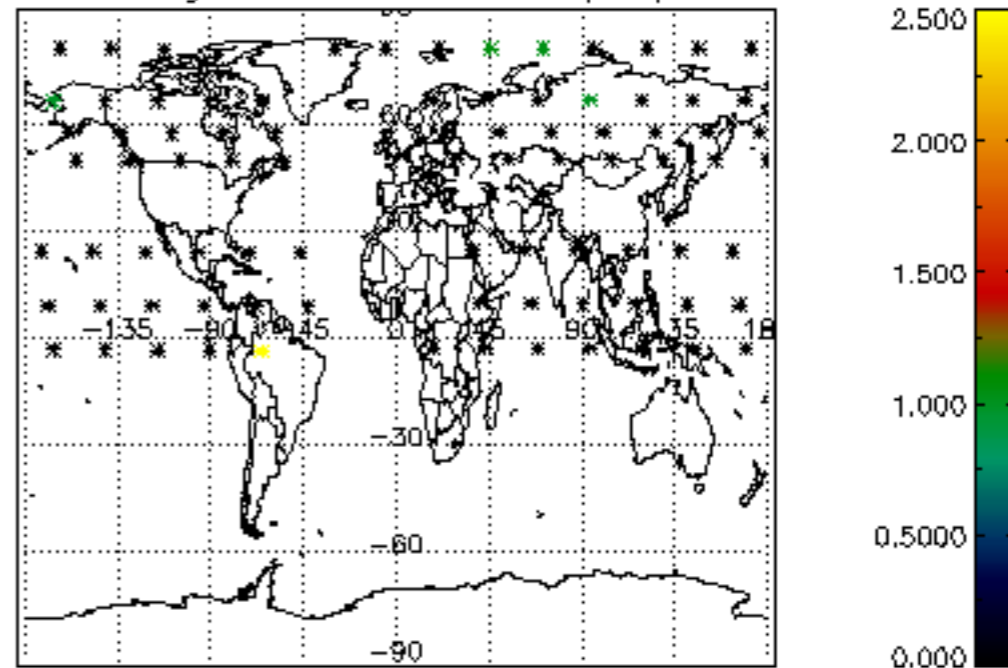
Percentage of datation errors per profile



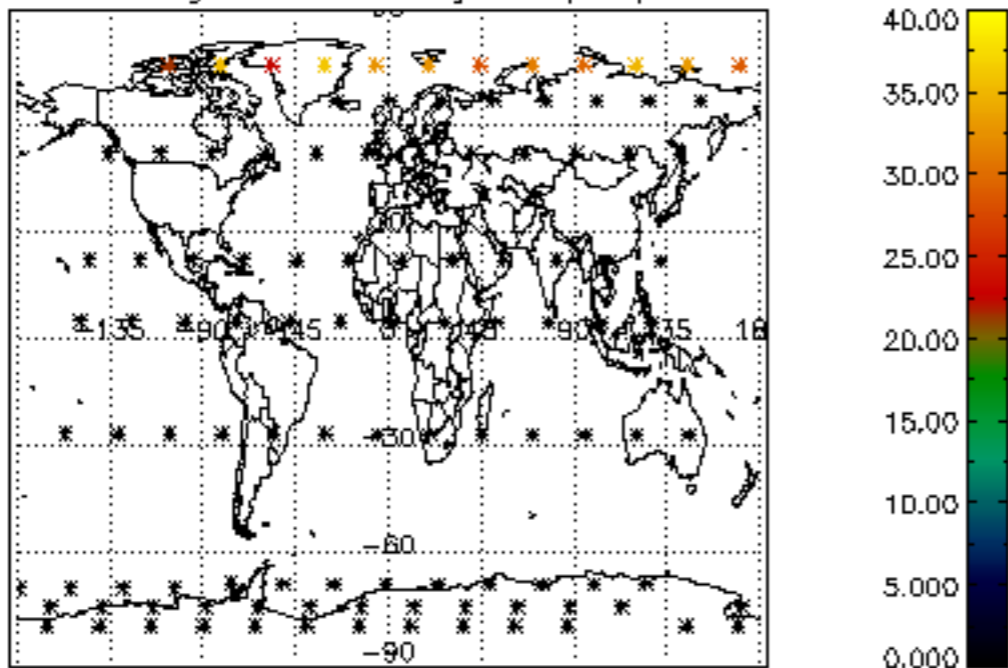
Percentage of star falling outside central band per profile



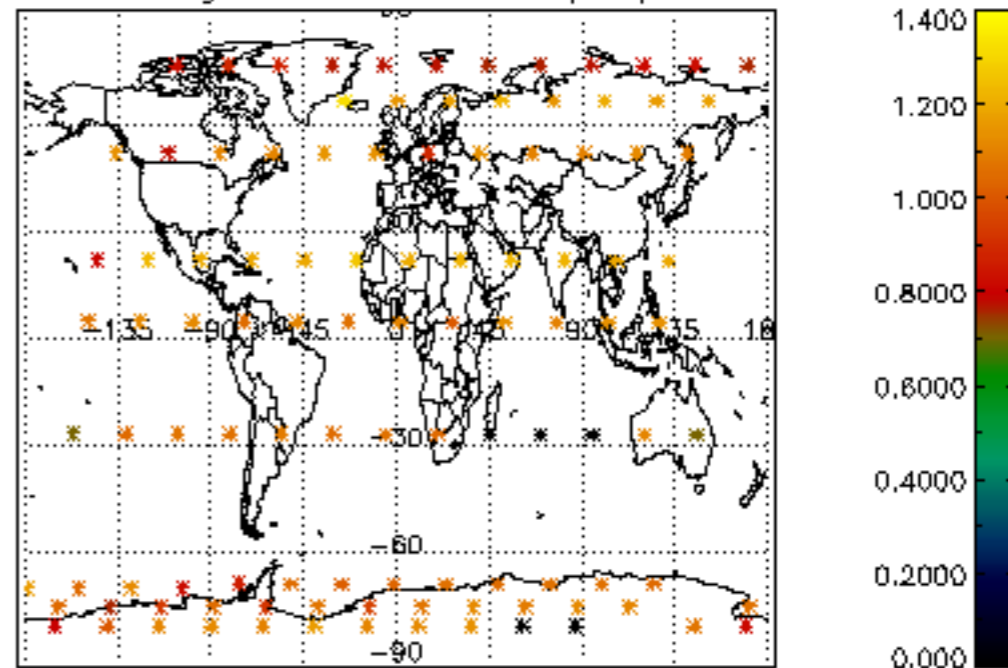
Percentage of saturation errors per profile



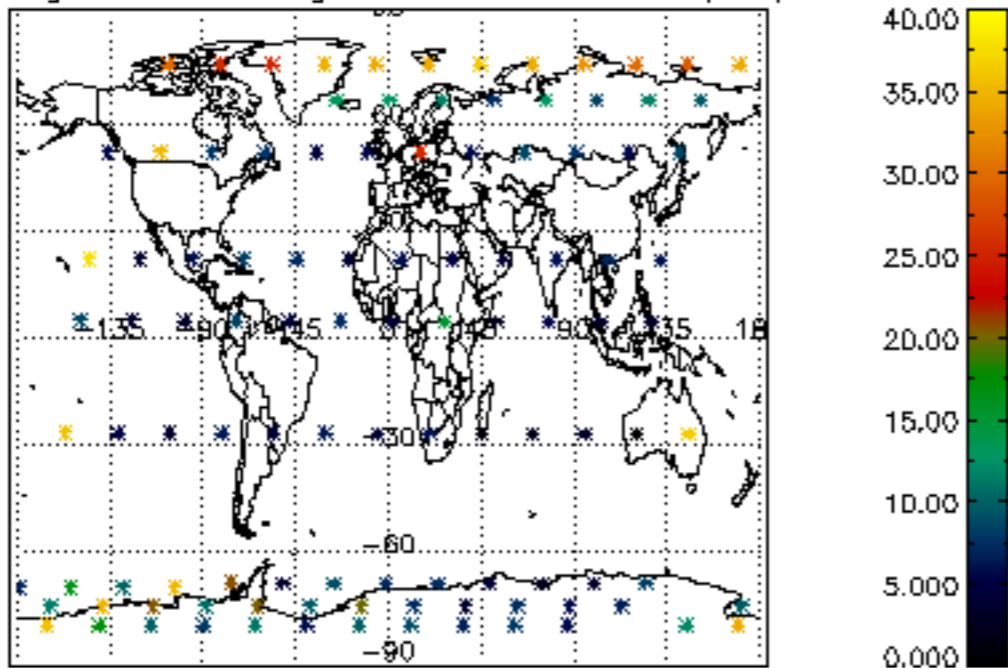
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

