

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	23APR2013 12:57:01
Data source version	GOMOS/6.01
Start time of products	02-12-2007 (02DEC2007 00:00:00)
Stop time of products	03-12-2007 (03DEC2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	197
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__2PRFIN20071202_000621_000000452063_00474_30087_5798.N1	02-DEC-2007 00:06:21	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	30087	No
2	GOM_NL__2PRFIN20071202_000936_000000572063_00474_30087_5799.N1	02-DEC-2007 00:09:36	Bright	57.000	32	77Eps UMa	1.7630	11000.	114	30087	No
3	GOM_NL__2PRFIN20071202_001142_000000372063_00474_30087_5800.N1	02-DEC-2007 00:11:42	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	30087	No
4	GOM_NL__2PRFIN20071202_001511_000000382063_00474_30087_5801.N1	02-DEC-2007 00:15:11	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	30087	No
5	GOM_NL__2PRFIN20071202_002345_000000412063_00474_30087_5802.N1	02-DEC-2007 00:23:45	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	30087	No
6	GOM_NL__2PRFIN20071202_002807_000000442063_00474_30087_5803.N1	02-DEC-2007 00:28:07	Bright	44.000	121	29Gam Vir	2.7400	7200.0	88	30087	No
7	GOM_NL__2PRFIN20071202_003348_000000462063_00474_30087_5804.N1	02-DEC-2007 00:33:48	Twilight	46.000	100	4Gam Crv	2.5800	13100.	92	30087	No
8	GOM_NL__2PRFIN20071202_003524_000000472063_00474_30087_5805.N1	02-DEC-2007 00:35:24	Dark	47.000	171	2Eps Crv	3.0010	4250.0	94	30087	No
9	GOM_NL__2PRFIN20071202_004452_000000482063_00475_30088_5821.N1	02-DEC-2007 00:44:52	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	30088	No
10	GOM_NL__2PRFIN20071202_005330_000000472063_00475_30088_5822.N1	02-DEC-2007 00:53:30	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	30088	No
11	GOM_NL__2PRFIN20071202_005649_000000482063_00475_30088_5823.N1	02-DEC-2007 00:56:49	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	30088	No
12	GOM_NL__2PRFIN20071202_010314_000000472063_00475_30088_5824.N1	02-DEC-2007 01:03:14	Dark	46.500	108	Alp Col	2.6520	15200.	93	30088	No
13	GOM_NL__2PRFIN20071202_010754_000000532063_00475_30088_5825.N1	02-DEC-2007 01:07:54	Straylight	53.000	139	9Bet Lep	2.8330	5600.0	106	30088	No
14	GOM_NL__2PRFIN20071202_011058_000000442063_00475_30088_5826.N1	02-DEC-2007 01:10:58	Straylight	44.000	165	34Gam Eri	2.9500	3200.0	88	30088	No
15	GOM_NL__2PRFIN20071202_012028_000000622063_00475_30088_5827.N1	02-DEC-2007 01:20:28	Bright	62.000	13	87Alp Tau	0.86700	3800.0	124	30088	No
16	GOM_NL__2PRFIN20071202_012206_000000372063_00475_30088_5828.N1	02-DEC-2007 01:22:06	Bright	36.500	146	25Eta Tau	2.8730	15200.	73	30088	No
17	GOM_NL__2PRFIN20071202_012428_000000382063_00475_30088_5829.N1	02-DEC-2007 01:24:28	Bright	37.500	150	44Zet Per	2.8900	28000.	75	30088	No
18	GOM_NL__2PRFIN20071202_012653_000000382063_00475_30088_5830.N1	02-DEC-2007 01:26:53	Bright	38.000	149	45Eps Per	2.8880	30000.	76	30088	No
19	GOM_NL__2PRFIN20071202_012855_000000352063_00475_30088_5831.N1	02-DEC-2007 01:28:55	Bright	35.000	175	39Del Per	3.0100	19400.	70	30088	No
20	GOM_NL__2PRFIN20071202_014657_000000432063_00475_30088_5832.N1	02-DEC-2007 01:46:57	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	30088	No
21	GOM_NL__2PRFIN20071202_015012_000000372063_00475_30088_5833.N1	02-DEC-2007 01:50:12	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	30088	No
22	GOM_NL__2PRFIN20071202_015218_000000372063_00475_30088_5834.N1	02-DEC-2007 01:52:18	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	30088	No
23	GOM_NL__2PRFIN20071202_015547_000000382063_00475_30088_5835.N1	02-DEC-2007 01:55:47	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	30088	No
24	GOM_NL__2PRFIN20071202_020421_000000392063_00475_30088_5836.N1	02-DEC-2007 02:04:21	Bright	39.000	138	47Eps Vir	2.8280	4700.0	78	30088	No
25	GOM_NL__2PRFIN20071202_020843_000000622063_00475_30088_5837.N1	02-DEC-2007 02:08:43	Bright	62.000	121	29Gam Vir	2.7400	7200.0	124	30088	No
26	GOM_NL__2PRFIN20071202_021425_000000462063_00475_30088_5838.N1	02-DEC-2007 02:14:25	Twilight	45.500	100	4Gam Crv	2.5800	13100.	91	30088	No
27	GOM_NL__2PRFIN20071202_022529_000000442063_00476_30089_5831.N1	02-DEC-2007 02:25:29	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	30089	No
28	GOM_NL__2PRFIN20071202_023407_000000472063_00476_30089_5832.N1	02-DEC-2007 02:34:07	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	30089	No
29	GOM_NL__2PRFIN20071202_023726_000000582063_00476_30089_5833.N1	02-DEC-2007 02:37:26	Dark	58.000	2	Alp Car	-0.73600	7000.0	116	30089	No
30	GOM_NL__2PRFIN20071202_024350_000000482063_00476_30089_5834.N1	02-DEC-2007 02:43:50	Dark	47.500	108	Alp Col	2.6520	15200.	95	30089	No
31	GOM_NL__2PRFIN20071202_024830_000000512063_00476_30089_5835.N1	02-DEC-2007 02:48:30	Straylight	51.000	139	9Bet Lep	2.8330	5600.0	102	30089	No
32	GOM_NL__2PRFIN20071202_025134_000000432063_00476_30089_5836.N1	02-DEC-2007 02:51:34	Straylight	43.000	165	34Gam Eri	2.9500	3200.0	86	30089	No
33	GOM_NL__2PRFIN20071202_030104_000000582063_00476_30089_5837.N1	02-DEC-2007 03:01:04	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	30089	No
34	GOM_NL__2PRFIN20071202_030242_000000392063_00476_30089_5838.N1	02-DEC-2007 03:02:42	Bright	39.000	146	25Eta Tau	2.8730	15200.	78	30089	No
35	GOM_NL__2PRFIN20071202_030503_000000392063_00476_30089_5839.N1	02-DEC-2007 03:05:03	Bright	39.000	150	44Zet Per	2.8900	28000.	78	30089	No
36	GOM_NL__2PRFIN20071202_030729_000000392063_00476_30089_5840.N1	02-DEC-2007 03:07:29	Bright	38.500	149	45Eps Per	2.8880	30000.	77	30089	No
37	GOM_NL__2PRFIN20071202_030931_000000352063_00476_30089_5841.N1	02-DEC-2007 03:09:31	Bright	35.000	175	39Del Per	3.0100	19400.	70	30089	No
38	GOM_NL__2PRFIN20071202_032732_000000452063_00476_30089_5842.N1	02-DEC-2007 03:27:32	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	30089	No
39	GOM_NL__2PRFIN20071202_033048_000000402063_00476_30089_5843.N1	02-DEC-2007 03:30:48	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	30089	No
40	GOM_NL__2PRFIN20071202_033253_000000372063_00476_30089_5844.N1	02-DEC-2007 03:32:53	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	30089	No
41	GOM_NL__2PRFIN20071202_033623_000000382063_00476_30089_5845.N1	02-DEC-2007 03:36:23	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	30089	No
42	GOM_NL__2PRFIN20071202_034458_000000402063_00476_30089_5846.N1	02-DEC-2007 03:44:58	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	30089	No

43	GOM_NL__2PRFIN20071202_034920_000000432063_00476_30089_5847.N1	02-DEC-2007 03:49:20	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	30089	No
44	GOM_NL__2PRFIN20071202_035502_000000452063_00476_30089_5848.N1	02-DEC-2007 03:55:02	Twilight	45.000	100	4Gam Crv	2.5800	13100.	90	30089	No
45	GOM_NL__2PRFIN20071202_035638_000000442063_00476_30089_5849.N1	02-DEC-2007 03:56:38	Dark	44.000	171	2Eps Crv	3.0010	4250.0	88	30089	No
46	GOM_NL__2PRFIN20071202_040606_000000442063_00477_30090_5849.N1	02-DEC-2007 04:06:06	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	30090	No
47	GOM_NL__2PRFIN20071202_041444_000000472063_00477_30090_5850.N1	02-DEC-2007 04:14:44	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	30090	No
48	GOM_NL__2PRFIN20071202_041802_000000532063_00477_30090_5851.N1	02-DEC-2007 04:18:02	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	30090	No
49	GOM_NL__2PRFIN20071202_042427_000000442063_00477_30090_5852.N1	02-DEC-2007 04:24:27	Dark	43.500	108	Alp Col	2.6520	15200.	87	30090	No
50	GOM_NL__2PRFIN20071202_042907_000000542063_00477_30090_5853.N1	02-DEC-2007 04:29:07	Straylight	54.000	139	9Bet Lep	2.8330	5600.0	108	30090	No
51	GOM_NL__2PRFIN20071202_043211_000000442063_00477_30090_5854.N1	02-DEC-2007 04:32:11	Straylight	44.000	165	34Gam Eri	2.9500	3200.0	88	30090	No
52	GOM_NL__2PRFIN20071202_044139_000000622063_00477_30090_5855.N1	02-DEC-2007 04:41:39	Bright	61.500	13	87Alp Tau	0.86700	3800.0	123	30090	No
53	GOM_NL__2PRFIN20071202_044318_000000382063_00477_30090_5856.N1	02-DEC-2007 04:43:18	Bright	38.000	146	25Eta Tau	2.8730	15200.	76	30090	No
54	GOM_NL__2PRFIN20071202_044539_000000392063_00477_30090_5857.N1	02-DEC-2007 04:45:39	Bright	38.500	150	44Zet Per	2.8900	28000.	77	30090	No
55	GOM_NL__2PRFIN20071202_044804_000000382063_00477_30090_5858.N1	02-DEC-2007 04:48:04	Bright	37.500	149	45Eps Per	2.8880	30000.	75	30090	No
56	GOM_NL__2PRFIN20071202_045006_000000352063_00477_30090_5859.N1	02-DEC-2007 04:50:06	Bright	35.000	175	39Del Per	3.0100	19400.	70	30090	No
57	GOM_NL__2PRFIN20071202_050808_000000462063_00477_30090_5860.N1	02-DEC-2007 05:08:08	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	30090	No
58	GOM_NL__2PRFIN20071202_051124_000000372063_00477_30090_5861.N1	02-DEC-2007 05:11:24	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	30090	No
59	GOM_NL__2PRFIN20071202_051330_000000442063_00477_30090_5862.N1	02-DEC-2007 05:13:30	Bright	43.500	39	85Eta UMa	1.8540	24000.	87	30090	No
60	GOM_NL__2PRFIN20071202_051659_000000372063_00477_30090_5863.N1	02-DEC-2007 05:16:59	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	30090	No
61	GOM_NL__2PRFIN20071202_052534_000000402063_00477_30090_5864.N1	02-DEC-2007 05:25:34	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	30090	No
62	GOM_NL__2PRFIN20071202_052956_000000422063_00477_30090_5865.N1	02-DEC-2007 05:29:56	Bright	42.000	121	29Gam Vir	2.7400	7200.0	84	30090	No
63	GOM_NL__2PRFIN20071202_053539_000000472063_00477_30090_5866.N1	02-DEC-2007 05:35:39	Twilight	46.500	100	4Gam Crv	2.5800	13100.	93	30090	No
64	GOM_NL__2PRFIN20071202_053714_000000492063_00477_30090_5867.N1	02-DEC-2007 05:37:14	Dark	49.000	171	2Eps Crv	3.0010	4250.0	98	30090	No
65	GOM_NL__2PRFIN20071202_054643_000000452063_00478_30091_5862.N1	02-DEC-2007 05:46:43	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	30091	No
66	GOM_NL__2PRFIN20071202_055521_000000462063_00478_30091_5863.N1	02-DEC-2007 05:55:21	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	30091	No
67	GOM_NL__2PRFIN20071202_055839_000000582063_00478_30091_5864.N1	02-DEC-2007 05:58:39	Dark	58.000	2	Alp Car	-0.73600	7000.0	116	30091	No
68	GOM_NL__2PRFIN20071202_060503_000000462063_00478_30091_5865.N1	02-DEC-2007 06:05:03	Dark	46.000	108	Alp Col	2.6520	15200.	92	30091	No
69	GOM_NL__2PRFIN20071202_060943_000000552063_00478_30091_5866.N1	02-DEC-2007 06:09:43	Straylight	54.500	139	9Bet Lep	2.8330	5600.0	109	30091	No
70	GOM_NL__2PRFIN20071202_061247_000000422063_00478_30091_5867.N1	02-DEC-2007 06:12:47	Straylight	42.000	165	34Gam Eri	2.9500	3200.0	84	30091	No
71	GOM_NL__2PRFIN20071202_062215_000000592063_00478_30091_5868.N1	02-DEC-2007 06:22:15	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	30091	No
72	GOM_NL__2PRFIN20071202_062353_000000382063_00478_30091_5869.N1	02-DEC-2007 06:23:53	Bright	38.000	146	25Eta Tau	2.8730	15200.	76	30091	No
73	GOM_NL__2PRFIN20071202_062615_000000382063_00478_30091_5870.N1	02-DEC-2007 06:26:15	Bright	38.000	150	44Zet Per	2.8900	28000.	76	30091	No
74	GOM_NL__2PRFIN20071202_062840_000000372063_00478_30091_5871.N1	02-DEC-2007 06:28:40	Bright	36.500	149	45Eps Per	2.8880	30000.	73	30091	No
75	GOM_NL__2PRFIN20071202_063042_000000352063_00478_30091_5872.N1	02-DEC-2007 06:30:42	Bright	34.500	175	39Del Per	3.0100	19400.	69	30091	No
76	GOM_NL__2PRFIN20071202_064844_000000462063_00478_30091_5873.N1	02-DEC-2007 06:48:44	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	30091	No
77	GOM_NL__2PRFIN20071202_065200_000000402063_00478_30091_5874.N1	02-DEC-2007 06:52:00	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	30091	No
78	GOM_NL__2PRFIN20071202_065406_000000362063_00478_30091_5875.N1	02-DEC-2007 06:54:06	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	30091	No
79	GOM_NL__2PRFIN20071202_065735_000000392063_00478_30091_5876.N1	02-DEC-2007 06:57:35	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	30091	No
80	GOM_NL__2PRFIN20071202_070611_000000512063_00478_30091_5877.N1	02-DEC-2007 07:06:11	Bright	50.500	138	47Eps Vir	2.8280	4700.0	101	30091	No
81	GOM_NL__2PRFIN20071202_071033_000000432063_00478_30091_5878.N1	02-DEC-2007 07:10:33	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	30091	No
82	GOM_NL__2PRFIN20071202_071615_000000452063_00478_30091_5879.N1	02-DEC-2007 07:16:15	Dark	45.000	100	4Gam Crv	2.5800	13100.	90	30091	No
83	GOM_NL__2PRFIN20071202_071751_000000522063_00478_30091_5880.N1	02-DEC-2007 07:17:51	Dark	51.500	171	2Eps Crv	3.0010	4250.0	103	30091	No
84	GOM_NL__2PRFIN20071202_072719_000000472063_00479_30092_5876.N1	02-DEC-2007 07:27:19	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	30092	No
85	GOM_NL__2PRFIN20071202_073558_000000532063_00479_30092_5877.N1	02-DEC-2007 07:35:58	Dark	53.000	34	Gam2Vel	1.7930	23000.	106	30092	No
86	GOM_NL__2PRFIN20071202_073915_000000492063_00479_30092_5878.N1	02-DEC-2007 07:39:15	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	30092	No
87	GOM_NL__2PRFIN20071202_074540_000000462063_00479_30092_5879.N1	02-DEC-2007 07:45:40	Dark	45.500	108	Alp Col	2.6520	15200.	91	30092	No
88	GOM_NL__2PRFIN20071202_075019_000000502063_00479_30092_5880.N1	02-DEC-2007 07:50:19	Straylight	49.500	139	9Bet Lep	2.8330	5600.0	99	30092	No
89	GOM_NL__2PRFIN20071202_075323_000000402063_00479_30092_5881.N1	02-DEC-2007 07:53:23	Straylight	39.500	165	34Gam Eri	2.9500	3200.0	79	30092	No
90	GOM_NL__2PRFIN20071202_080251_000000532063_00479_30092_5882.N1	02-DEC-2007 08:02:51	Bright	52.500	13	87Alp Tau	0.86700	3800.0	105	30092	No
91	GOM_NL__2PRFIN20071202_080429_000000392063_00479_30092_5883.N1	02-DEC-2007 08:04:29	Bright	38.500	146	25Eta Tau	2.8730	15200.	77	30092	No
92	GOM_NL__2PRFIN20071202_080651_000000382063_00479_30092_5884.N1	02-DEC-2007 08:06:51	Bright	38.000	150	44Zet Per	2.8900	28000.	76	30092	No
93	GOM_NL__2PRFIN20071202_080916_000000382063_00479_30092_5885.N1	02-DEC-2007 08:09:16	Bright	37.500	149	45Eps Per	2.8880	30000.	75	30092	No
94	GOM_NL__2PRFIN20071202_081118_000000362063_00479_30092_5886.N1	02-DEC-2007 08:11:18	Bright	36.000	175	39Del Per	3.0100	19400.	72	30092	No
95	GOM_NL__2PRFIN20071202_082919_000000452063_00479_30092_5887.N1	02-DEC-2007 08:29:19	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	30092	No
96	GOM_NL__2PRFIN20071202_083236_000000382063_00479_30092_5888.N1	02-DEC-2007 08:32:36	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	30092	No
97	GOM_NL__2PRFIN20071202_083442_000000372063_00479_30092_5889.N1	02-DEC-2007 08:34:42	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	30092	No
98	GOM_NL__2PRFIN20071202_083811_000000382063_00479_30092_5890.N1	02-DEC-2007 08:38:11	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	30092	No
99	GOM_NL__2PRFIN20071202_084647_000000402063_00479_30092_5891.N1	02-DEC-2007 08:46:47	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	30092	No
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101	GOM_NL__2PRFIN20071202_085652_000000502063_00479_30092_5893.N1	02-DEC-2007 08:56:52	Dark	49.500	100	4Gam Crv	2.5800	13100.	99	30092	No

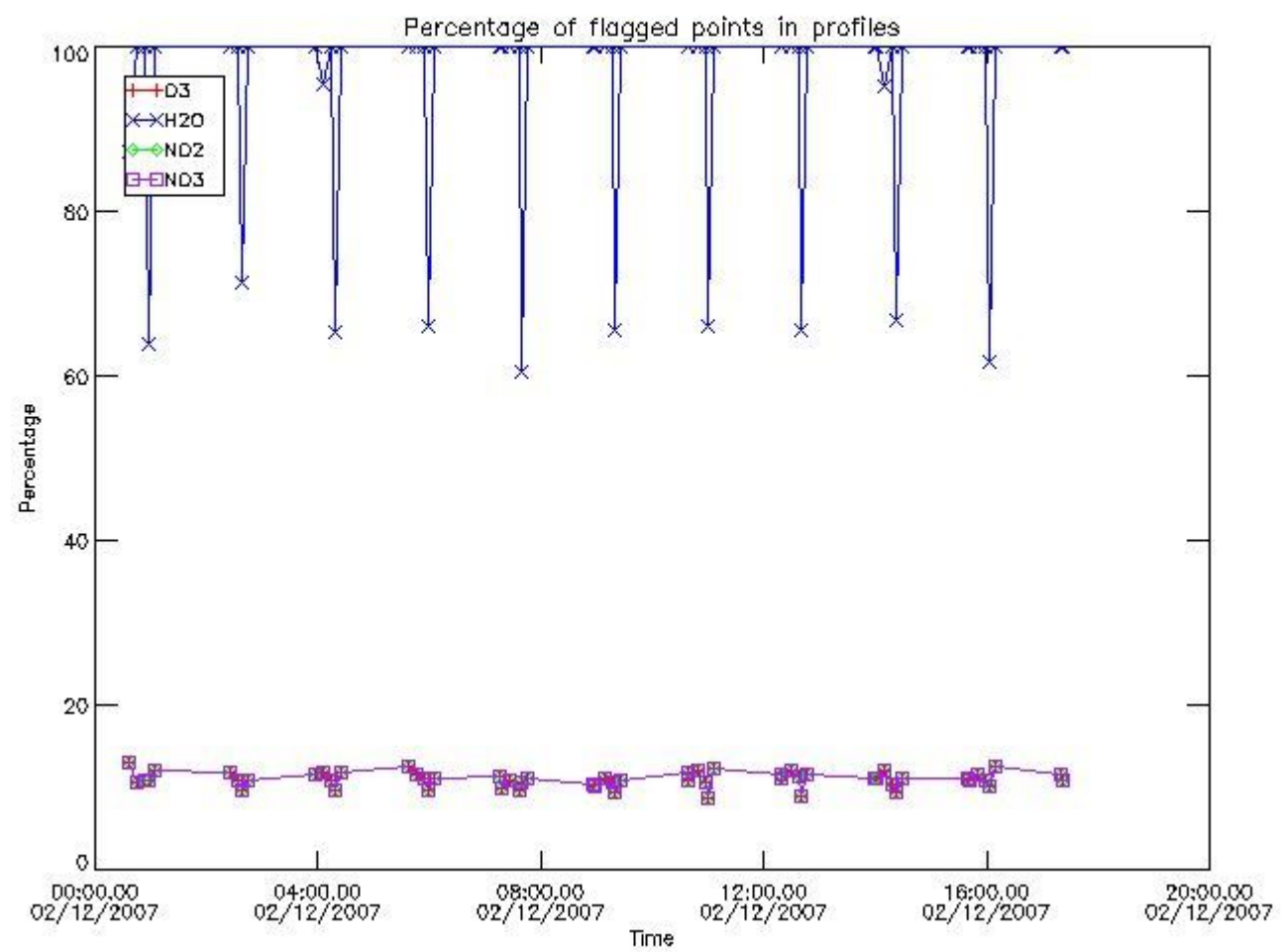
102	GOM_NL__2PRFIN20071202_085828_000000502063_00479_30092_5894.N1	02-DEC-2007 08:58:28	Dark	50.000	171	2Eps Crv	3.0010	4250.0	100	30092	No
103	GOM_NL__2PRFIN20071202_090756_000000462063_00480_30093_5890.N1	02-DEC-2007 09:07:56	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	30093	No
104	GOM_NL__2PRFIN20071202_091634_000000482063_00480_30093_5891.N1	02-DEC-2007 09:16:34	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	30093	No
105	GOM_NL__2PRFIN20071202_091952_000000542063_00480_30093_5892.N1	02-DEC-2007 09:19:52	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	30093	No
106	GOM_NL__2PRFIN20071202_092616_000000482063_00480_30093_5893.N1	02-DEC-2007 09:26:16	Dark	47.500	108	Alp Col	2.6520	15200.	95	30093	No
107	GOM_NL__2PRFIN20071202_093055_000000472063_00480_30093_5894.N1	02-DEC-2007 09:30:55	Straylight	47.000	139	9Bet Lep	2.8330	5600.0	94	30093	No
108	GOM_NL__2PRFIN20071202_093359_000000402063_00480_30093_5895.N1	02-DEC-2007 09:33:59	Straylight	40.000	165	34Gam Eri	2.9500	3200.0	80	30093	No
109	GOM_NL__2PRFIN20071202_094326_000000602063_00480_30093_5896.N1	02-DEC-2007 09:43:26	Bright	60.000	13	87Alp Tau	0.86700	3800.0	120	30093	No
110	GOM_NL__2PRFIN20071202_094505_000000392063_00480_30093_5897.N1	02-DEC-2007 09:45:05	Bright	38.500	146	25Eta Tau	2.8730	15200.	77	30093	No
111	GOM_NL__2PRFIN20071202_094726_000000392063_00480_30093_5898.N1	02-DEC-2007 09:47:26	Bright	39.000	150	44Zet Per	2.8900	28000.	78	30093	No
112	GOM_NL__2PRFIN20071202_094951_000000382063_00480_30093_5899.N1	02-DEC-2007 09:49:51	Bright	38.000	149	45Eps Per	2.8880	30000.	76	30093	No
113	GOM_NL__2PRFIN20071202_095154_000000362063_00480_30093_5900.N1	02-DEC-2007 09:51:54	Bright	36.000	175	39Del Per	3.0100	19400.	72	30093	No
114	GOM_NL__2PRFIN20071202_100955_000000432063_00480_30093_5901.N1	02-DEC-2007 10:09:55	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	30093	No
115	GOM_NL__2PRFIN20071202_101312_000000362063_00480_30093_5902.N1	02-DEC-2007 10:13:12	Bright	36.000	32	77Eps UMa	1.7630	11000.	72	30093	No
116	GOM_NL__2PRFIN20071202_101518_000000362063_00480_30093_5903.N1	02-DEC-2007 10:15:18	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	30093	No
117	GOM_NL__2PRFIN20071202_101847_000000502063_00480_30093_5904.N1	02-DEC-2007 10:18:47	Bright	49.500	152	12Alp2CVn	2.8900	11000.	99	30093	No
118	GOM_NL__2PRFIN20071202_102723_000000412063_00480_30093_5905.N1	02-DEC-2007 10:27:23	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	30093	No
119	GOM_NL__2PRFIN20071202_103146_000000432063_00480_30093_5906.N1	02-DEC-2007 10:31:46	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	30093	No
120	GOM_NL__2PRFIN20071202_103729_000000482063_00480_30093_5907.N1	02-DEC-2007 10:37:29	Dark	47.500	100	4Gam Crv	2.5800	13100.	95	30093	No
121	GOM_NL__2PRFIN20071202_103905_000000482063_00480_30093_5908.N1	02-DEC-2007 10:39:05	Dark	47.500	171	2Eps Crv	3.0010	4250.0	95	30093	No
122	GOM_NL__2PRFIN20071202_104833_000000432063_00481_30094_5901.N1	02-DEC-2007 10:48:33	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	30094	No
123	GOM_NL__2PRFIN20071202_105711_000000482063_00481_30094_5902.N1	02-DEC-2007 10:57:11	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	30094	No
124	GOM_NL__2PRFIN20071202_110028_000000582063_00481_30094_5903.N1	02-DEC-2007 11:00:28	Dark	58.000	2	Alp Car	-0.73600	7000.0	116	30094	No
125	GOM_NL__2PRFIN20071202_110652_000000462063_00481_30094_5904.N1	02-DEC-2007 11:06:52	Dark	45.500	108	Alp Col	2.6520	15200.	91	30094	No
126	GOM_NL__2PRFIN20071202_111131_000000492063_00481_30094_5905.N1	02-DEC-2007 11:11:31	Straylight	49.000	139	9Bet Lep	2.8330	5600.0	98	30094	No
127	GOM_NL__2PRFIN20071202_111435_000000442063_00481_30094_5906.N1	02-DEC-2007 11:14:35	Straylight	44.000	165	34Gam Eri	2.9500	3200.0	88	30094	No
128	GOM_NL__2PRFIN20071202_112402_000000612063_00481_30094_5907.N1	02-DEC-2007 11:24:02	Bright	60.500	13	87Alp Tau	0.86700	3800.0	121	30094	No
129	GOM_NL__2PRFIN20071202_112541_000000382063_00481_30094_5908.N1	02-DEC-2007 11:25:41	Bright	38.000	146	25Eta Tau	2.8730	15200.	76	30094	No
130	GOM_NL__2PRFIN20071202_112802_000000382063_00481_30094_5909.N1	02-DEC-2007 11:28:02	Bright	38.000	150	44Zet Per	2.8900	28000.	76	30094	No
131	GOM_NL__2PRFIN20071202_113027_000000372063_00481_30094_5910.N1	02-DEC-2007 11:30:27	Bright	36.500	149	45Eps Per	2.8880	30000.	73	30094	No
132	GOM_NL__2PRFIN20071202_113229_000000372063_00481_30094_5911.N1	02-DEC-2007 11:32:29	Bright	36.500	175	39Del Per	3.0100	19400.	73	30094	No
133	GOM_NL__2PRFIN20071202_115030_000000462063_00481_30094_5912.N1	02-DEC-2007 11:50:30	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	30094	No
134	GOM_NL__2PRFIN20071202_115347_000000382063_00481_30094_5913.N1	02-DEC-2007 11:53:47	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	30094	No
135	GOM_NL__2PRFIN20071202_115553_000000352063_00481_30094_5914.N1	02-DEC-2007 11:55:53	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	30094	No
136	GOM_NL__2PRFIN20071202_115923_000000592063_00481_30094_5915.N1	02-DEC-2007 11:59:23	Bright	59.000	152	12Alp2CVn	2.8900	11000.	118	30094	No
137	GOM_NL__2PRFIN20071202_120759_000000402063_00481_30094_5916.N1	02-DEC-2007 12:07:59	Bright	39.500	138	47Eps Vir	2.8280	4700.0	79	30094	No
138	GOM_NL__2PRFIN20071202_121222_000000622063_00481_30094_5917.N1	02-DEC-2007 12:12:22	Bright	62.000	121	29Gam Vir	2.7400	7200.0	124	30094	No
139	GOM_NL__2PRFIN20071202_121805_000000452063_00481_30094_5918.N1	02-DEC-2007 12:18:05	Dark	44.500	100	4Gam Crv	2.5800	13100.	89	30094	No
140	GOM_NL__2PRFIN20071202_121941_000000462063_00481_30094_5919.N1	02-DEC-2007 12:19:41	Dark	46.000	171	2Eps Crv	3.0010	4250.0	92	30094	No
141	GOM_NL__2PRFIN20071202_122909_000000422063_00482_30095_5922.N1	02-DEC-2007 12:29:09	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	30095	No
142	GOM_NL__2PRFIN20071202_123748_000000502063_00482_30095_5923.N1	02-DEC-2007 12:37:48	Dark	49.500	34	Gam2Vel	1.7930	23000.	99	30095	No
143	GOM_NL__2PRFIN20071202_124105_000000572063_00482_30095_5924.N1	02-DEC-2007 12:41:05	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	30095	No
144	GOM_NL__2PRFIN20071202_124729_000000442063_00482_30095_5925.N1	02-DEC-2007 12:47:29	Dark	44.000	108	Alp Col	2.6520	15200.	88	30095	No
145	GOM_NL__2PRFIN20071202_125207_000000492063_00482_30095_5926.N1	02-DEC-2007 12:52:07	Straylight	48.500	139	9Bet Lep	2.8330	5600.0	97	30095	No
146	GOM_NL__2PRFIN20071202_125511_000000442063_00482_30095_5927.N1	02-DEC-2007 12:55:11	Straylight	43.500	165	34Gam Eri	2.9500	3200.0	87	30095	No
147	GOM_NL__2PRFIN20071202_130437_000000622063_00482_30095_5928.N1	02-DEC-2007 13:04:37	Bright	62.000	13	87Alp Tau	0.86700	3800.0	124	30095	No
148	GOM_NL__2PRFIN20071202_130616_000000382063_00482_30095_5929.N1	02-DEC-2007 13:06:16	Bright	37.500	146	25Eta Tau	2.8730	15200.	75	30095	No
149	GOM_NL__2PRFIN20071202_130838_000000382063_00482_30095_5930.N1	02-DEC-2007 13:08:38	Bright	38.000	150	44Zet Per	2.8900	28000.	76	30095	No
150	GOM_NL__2PRFIN20071202_131103_000000372063_00482_30095_5931.N1	02-DEC-2007 13:11:03	Bright	36.500	149	45Eps Per	2.8880	30000.	73	30095	No
151	GOM_NL__2PRFIN20071202_131305_000000362063_00482_30095_5932.N1	02-DEC-2007 13:13:05	Bright	35.500	175	39Del Per	3.0100	19400.	71	30095	No
152	GOM_NL__2PRFIN20071202_133106_000000452063_00482_30095_5933.N1	02-DEC-2007 13:31:06	Bright	44.500	36	50Alp UMa	1.8000	6300.0	89	30095	No
153	GOM_NL__2PRFIN20071202_133423_000000392063_00482_30095_5934.N1	02-DEC-2007 13:34:23	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	30095	No
154	GOM_NL__2PRFIN20071202_133629_000000362063_00482_30095_5935.N1	02-DEC-2007 13:36:29	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	30095	No
155	GOM_NL__2PRFIN20071202_133959_000000382063_00482_30095_5936.N1	02-DEC-2007 13:39:59	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	30095	No
156	GOM_NL__2PRFIN20071202_134836_000000592063_00482_30095_5937.N1	02-DEC-2007 13:48:36	Bright	59.000	138	47Eps Vir	2.8280	4700.0	118	30095	No
157	GOM_NL__2PRFIN20071202_135259_000000412063_00482_30095_5938.N1	02-DEC-2007 13:52:59	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	30095	No
158	GOM_NL__2PRFIN20071202_135842_000000462063_00482_30095_5939.N1	02-DEC-2007 13:58:42	Dark	46.000	100	4Gam Crv	2.5800	13100.	92	30095	No
159	GOM_NL__2PRFIN20071202_140018_000000502063_00482_30095_5940.N1	02-DEC-2007 14:00:18	Dark	50.000	171	2Eps Crv	3.0010	4250.0	100	30095	No
160	GOM_NL__2PRFIN20071202_140946_000000432063_00483_30096_5933.N1	02-DEC-2007 14:09:46	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	30096	No

161	GOM_NL__2PRFIN20071202_141825_000000502063_00483_30096_5934.N1	02-DEC-2007 14:18:25	Dark	49.500	34	Gam2Vel	1.7930	23000.	99	30096	No
162	GOM_NL__2PRFIN20071202_142141_000000552063_00483_30096_5935.N1	02-DEC-2007 14:21:41	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	30096	No
163	GOM_NL__2PRFIN20071202_142805_000000462063_00483_30096_5936.N1	02-DEC-2007 14:28:05	Dark	45.500	108	Alp Col	2.6520	15200.	91	30096	No
164	GOM_NL__2PRFIN20071202_143243_000000512063_00483_30096_5937.N1	02-DEC-2007 14:32:43	Straylight	51.000	139	9Bet Lep	2.8330	5600.0	102	30096	No
165	GOM_NL__2PRFIN20071202_143547_000000472063_00483_30096_5938.N1	02-DEC-2007 14:35:47	Straylight	46.500	165	34Gam Eri	2.9500	3200.0	93	30096	No
166	GOM_NL__2PRFIN20071202_144513_000000622063_00483_30096_5939.N1	02-DEC-2007 14:45:13	Bright	62.000	13	87Alp Tau	0.86700	3800.0	124	30096	No
167	GOM_NL__2PRFIN20071202_144652_000000372063_00483_30096_5940.N1	02-DEC-2007 14:46:52	Bright	36.500	146	25Eta Tau	2.8730	15200.	73	30096	No
168	GOM_NL__2PRFIN20071202_144913_000000382063_00483_30096_5941.N1	02-DEC-2007 14:49:13	Bright	38.000	150	44Zet Per	2.8900	28000.	76	30096	No
169	GOM_NL__2PRFIN20071202_145138_000000352063_00483_30096_5942.N1	02-DEC-2007 14:51:38	Bright	35.000	149	45Eps Per	2.8880	30000.	70	30096	No
170	GOM_NL__2PRFIN20071202_145341_000000352063_00483_30096_5943.N1	02-DEC-2007 14:53:41	Bright	35.000	175	39Del Per	3.0100	19400.	70	30096	No
171	GOM_NL__2PRFIN20071202_151141_000000452063_00483_30096_5944.N1	02-DEC-2007 15:11:41	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	30096	No
172	GOM_NL__2PRFIN20071202_151459_000000392063_00483_30096_5945.N1	02-DEC-2007 15:14:59	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	30096	No
173	GOM_NL__2PRFIN20071202_151705_000000352063_00483_30096_5946.N1	02-DEC-2007 15:17:05	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	30096	No
174	GOM_NL__2PRFIN20071202_152035_000000402063_00483_30096_5947.N1	02-DEC-2007 15:20:35	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	30096	No
175	GOM_NL__2PRFIN20071202_152912_000000552063_00483_30096_5948.N1	02-DEC-2007 15:29:12	Bright	54.500	138	47Eps Vir	2.8280	4700.0	109	30096	No
176	GOM_NL__2PRFIN20071202_153335_000000412063_00483_30096_5949.N1	02-DEC-2007 15:33:35	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	30096	No
177	GOM_NL__2PRFIN20071202_153919_000000462063_00483_30096_5950.N1	02-DEC-2007 15:39:19	Dark	46.000	100	4Gam Crv	2.5800	13100.	92	30096	No
178	GOM_NL__2PRFIN20071202_154055_000000472063_00483_30096_5951.N1	02-DEC-2007 15:40:55	Dark	47.000	171	2Eps Crv	3.0010	4250.0	94	30096	No
179	GOM_NL__2PRFIN20071202_155023_000000442063_00484_30097_5948.N1	02-DEC-2007 15:50:23	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	30097	No
180	GOM_NL__2PRFIN20071202_155902_000000472063_00484_30097_5949.N1	02-DEC-2007 15:59:02	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	30097	No
181	GOM_NL__2PRFIN20071202_160217_000000502063_00484_30097_5950.N1	02-DEC-2007 16:02:17	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	30097	No
182	GOM_NL__2PRFIN20071202_160841_000000452063_00484_30097_5951.N1	02-DEC-2007 16:08:41	Dark	45.000	108	Alp Col	2.6520	15200.	90	30097	No
183	GOM_NL__2PRFIN20071202_161320_000000482063_00484_30097_5952.N1	02-DEC-2007 16:13:20	Straylight	48.000	139	9Bet Lep	2.8330	5600.0	96	30097	No
184	GOM_NL__2PRFIN20071202_161623_000000452063_00484_30097_5953.N1	02-DEC-2007 16:16:23	Straylight	44.500	165	34Gam Eri	2.9500	3200.0	89	30097	No
185	GOM_NL__2PRFIN20071202_162548_000000622063_00484_30097_5954.N1	02-DEC-2007 16:25:48	Bright	62.000	13	87Alp Tau	0.86700	3800.0	124	30097	No
186	GOM_NL__2PRFIN20071202_162728_000000372063_00484_30097_5955.N1	02-DEC-2007 16:27:28	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	30097	No
187	GOM_NL__2PRFIN20071202_162949_000000392063_00484_30097_5956.N1	02-DEC-2007 16:29:49	Bright	38.500	150	44Zet Per	2.8900	28000.	77	30097	No
188	GOM_NL__2PRFIN20071202_163214_000000372063_00484_30097_5957.N1	02-DEC-2007 16:32:14	Bright	37.000	149	45Eps Per	2.8880	30000.	74	30097	No
189	GOM_NL__2PRFIN20071202_163417_000000372063_00484_30097_5958.N1	02-DEC-2007 16:34:17	Bright	36.500	175	39Del Per	3.0100	19400.	73	30097	No
190	GOM_NL__2PRFIN20071202_165217_000000402063_00484_30097_5959.N1	02-DEC-2007 16:52:17	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	30097	No
191	GOM_NL__2PRFIN20071202_165535_000000562063_00484_30097_5960.N1	02-DEC-2007 16:55:35	Bright	56.000	32	77Eps UMa	1.7630	11000.	112	30097	No
192	GOM_NL__2PRFIN20071202_165741_000000382063_00484_30097_5961.N1	02-DEC-2007 16:57:41	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	30097	No
193	GOM_NL__2PRFIN20071202_170111_000000392063_00484_30097_5962.N1	02-DEC-2007 17:01:11	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	30097	No
194	GOM_NL__2PRFIN20071202_170948_000000392063_00484_30097_5963.N1	02-DEC-2007 17:09:48	Bright	39.000	138	47Eps Vir	2.8280	4700.0	78	30097	No
195	GOM_NL__2PRFIN20071202_171412_000000522063_00484_30097_5964.N1	02-DEC-2007 17:14:12	Bright	51.500	121	29Gam Vir	2.7400	7200.0	103	30097	No
196	GOM_NL__2PRFIN20071202_171956_000000452063_00484_30097_5965.N1	02-DEC-2007 17:19:56	Dark	44.500	100	4Gam Crv	2.5800	13100.	89	30097	No
197	GOM_NL__2PRFIN20071202_172132_000000462063_00484_30097_5966.N1	02-DEC-2007 17:21:32	Dark	46.000	171	2Eps Crv	3.0010	4250.0	92	30097	No

3. Quality information per product

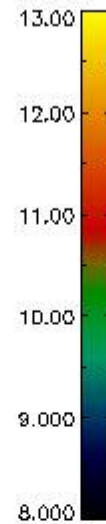
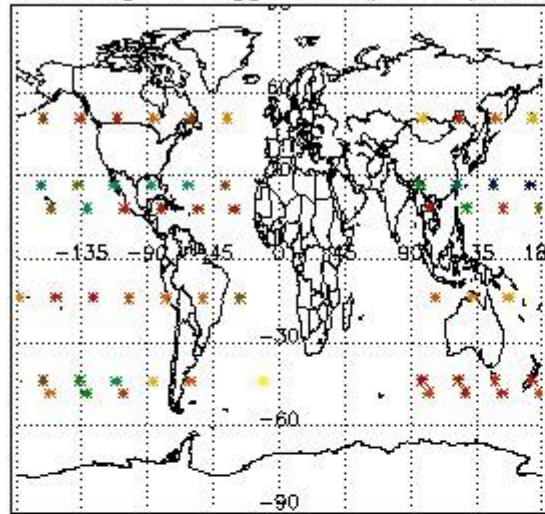
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

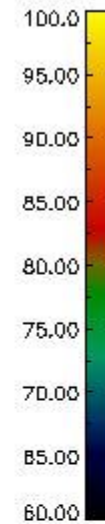
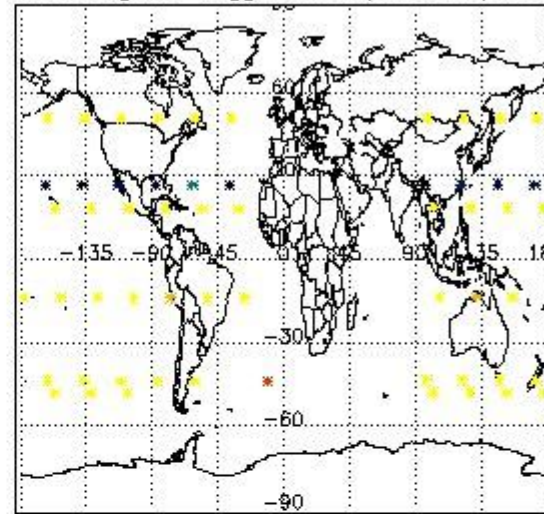


3.2 Plot quality information per product (world map)

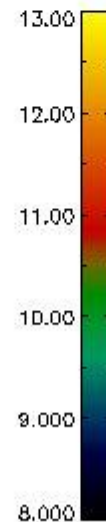
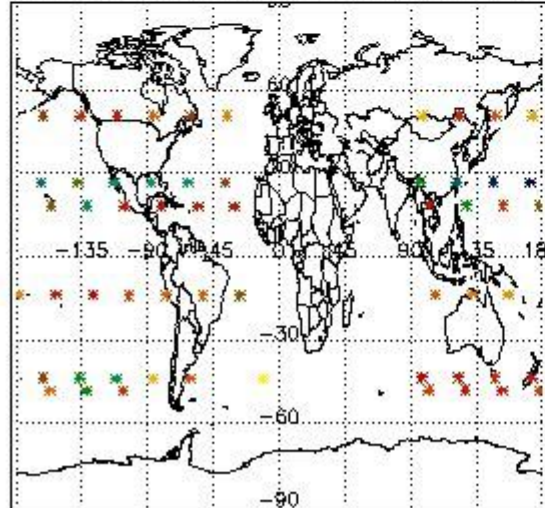
Percentage of flagged data per O3 profile



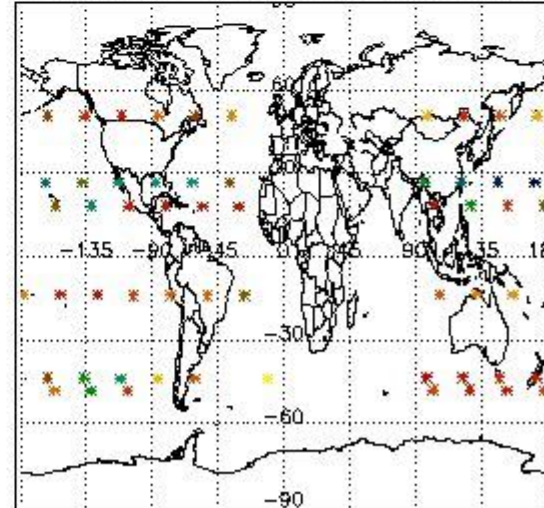
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

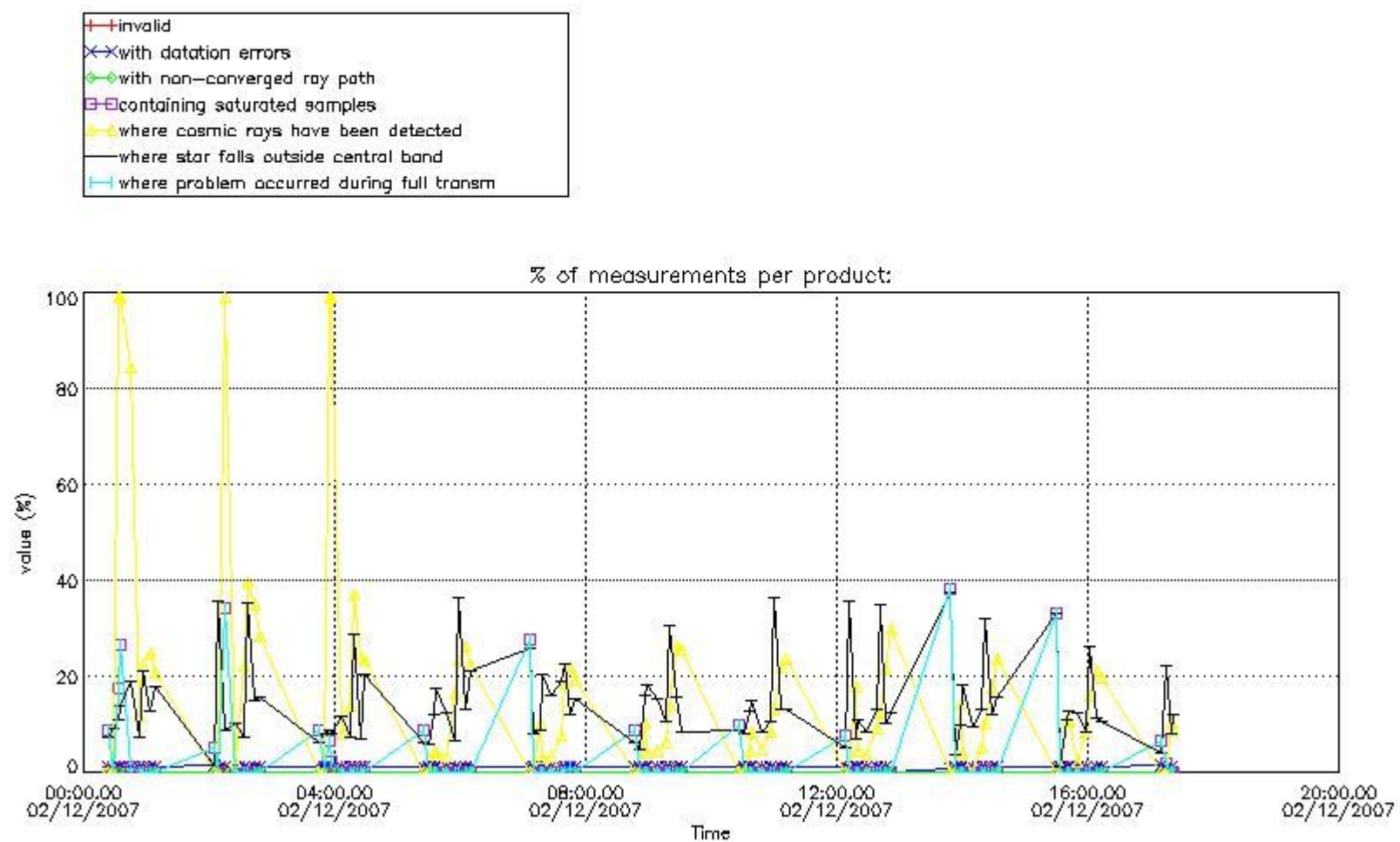


4. Level 1 quality information per product

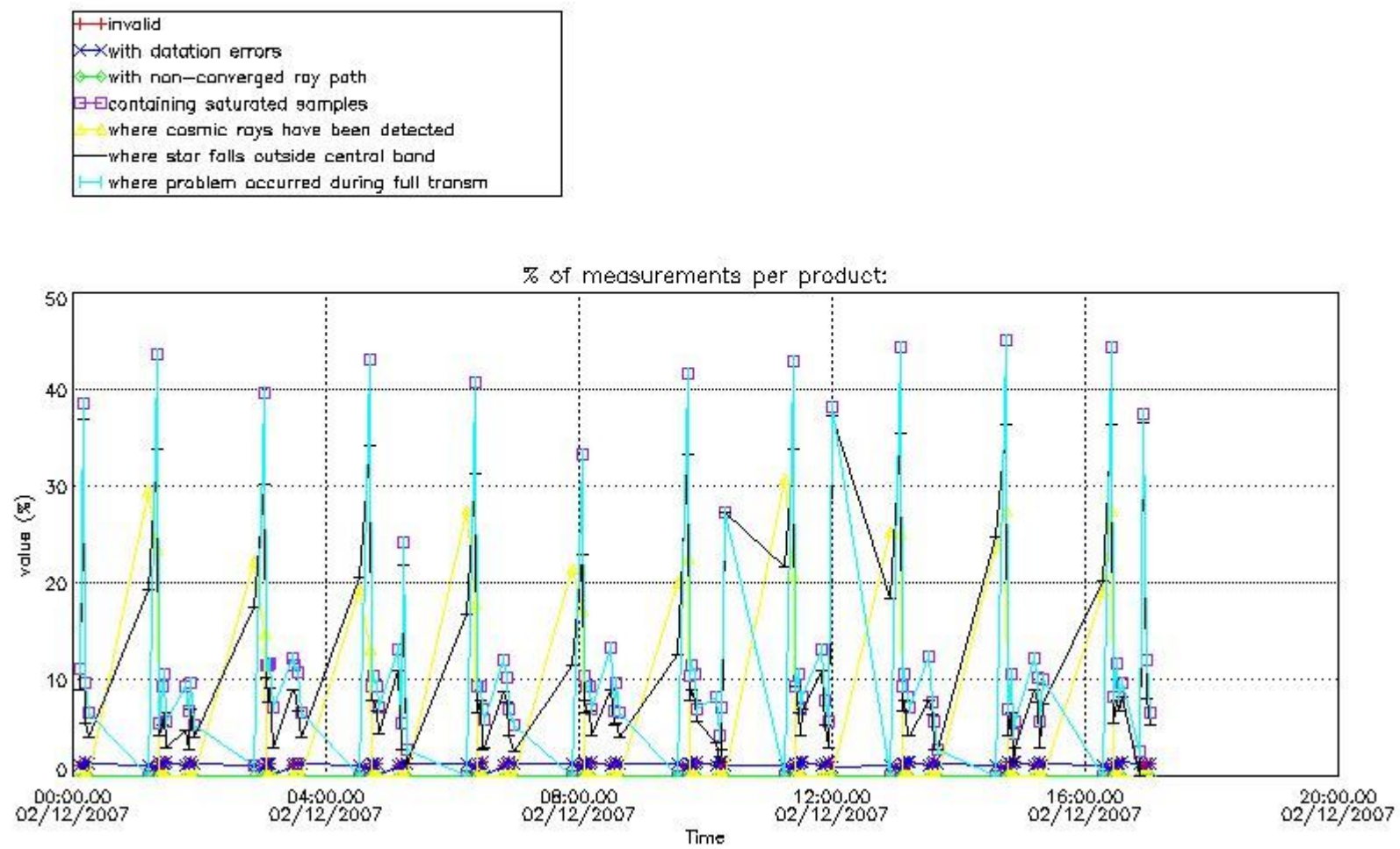
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

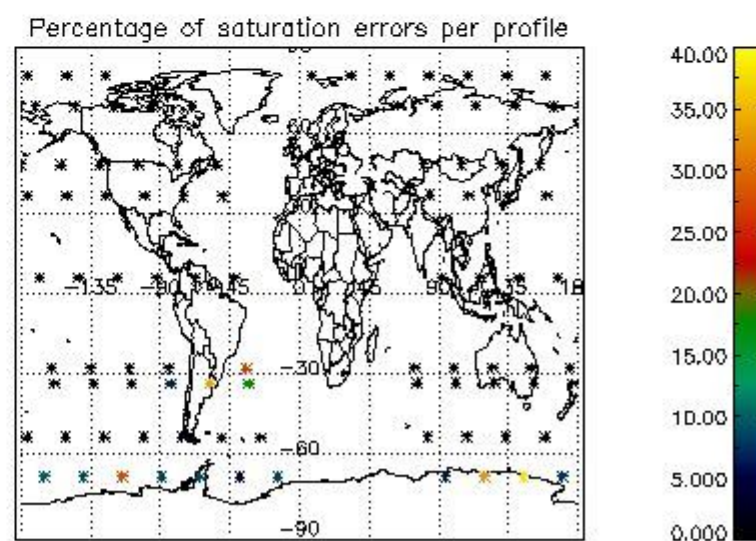
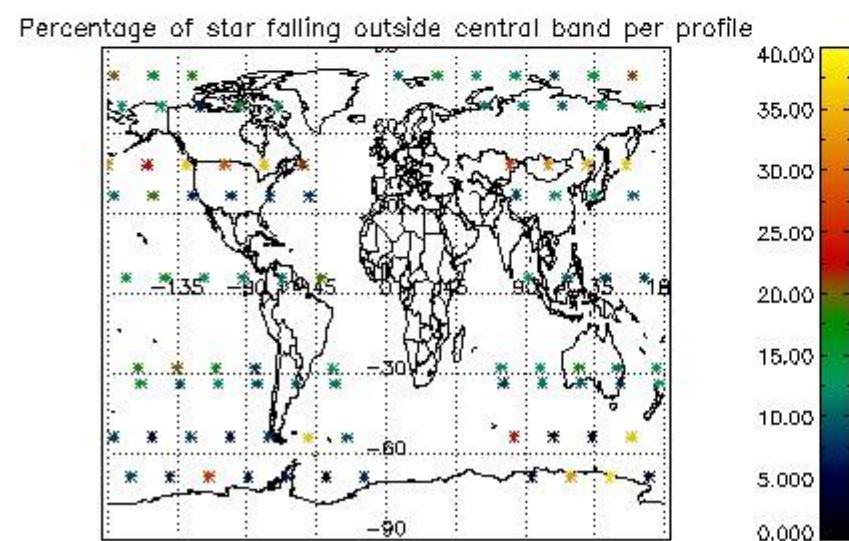
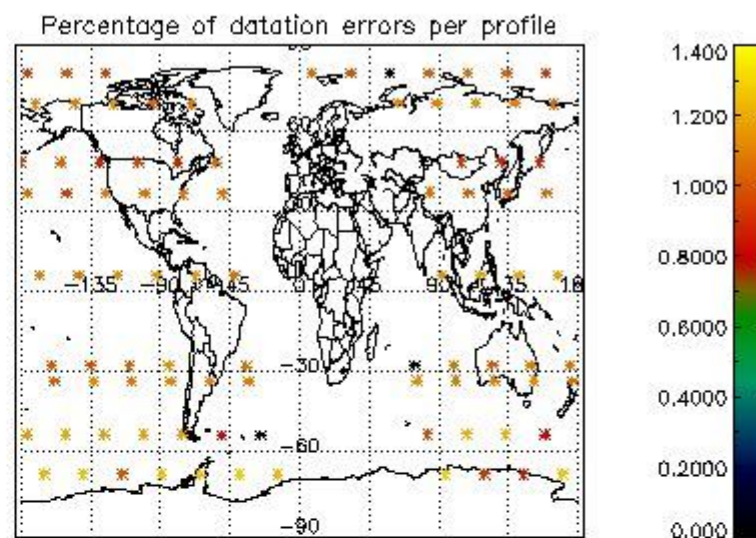
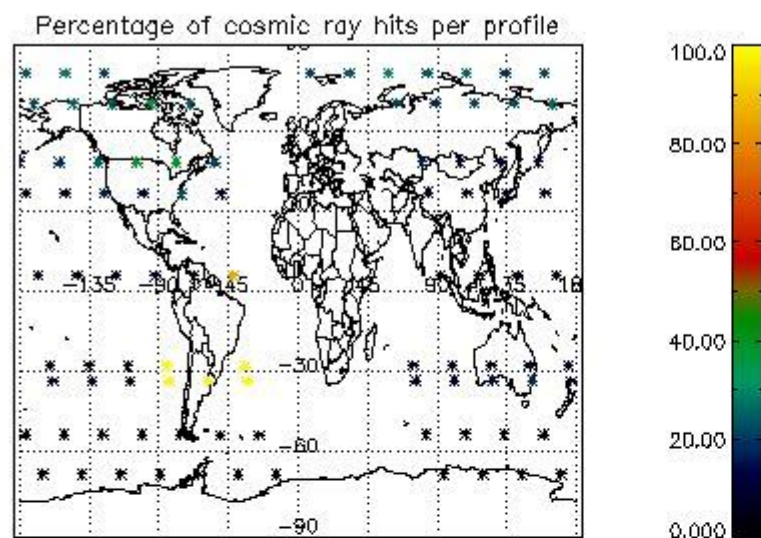


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

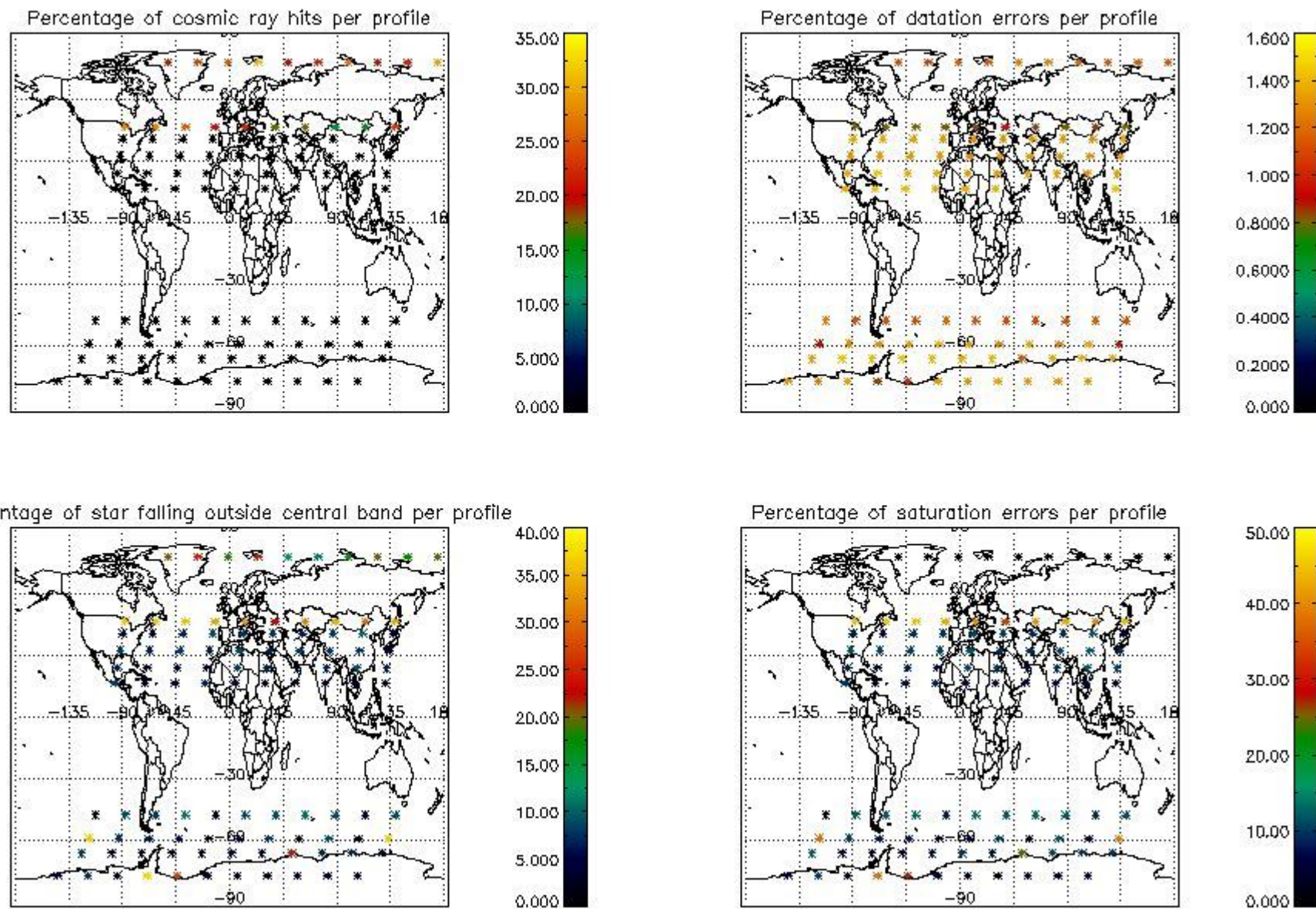


4.2 Plot quality information per product coming from level 1b processing (world map)

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

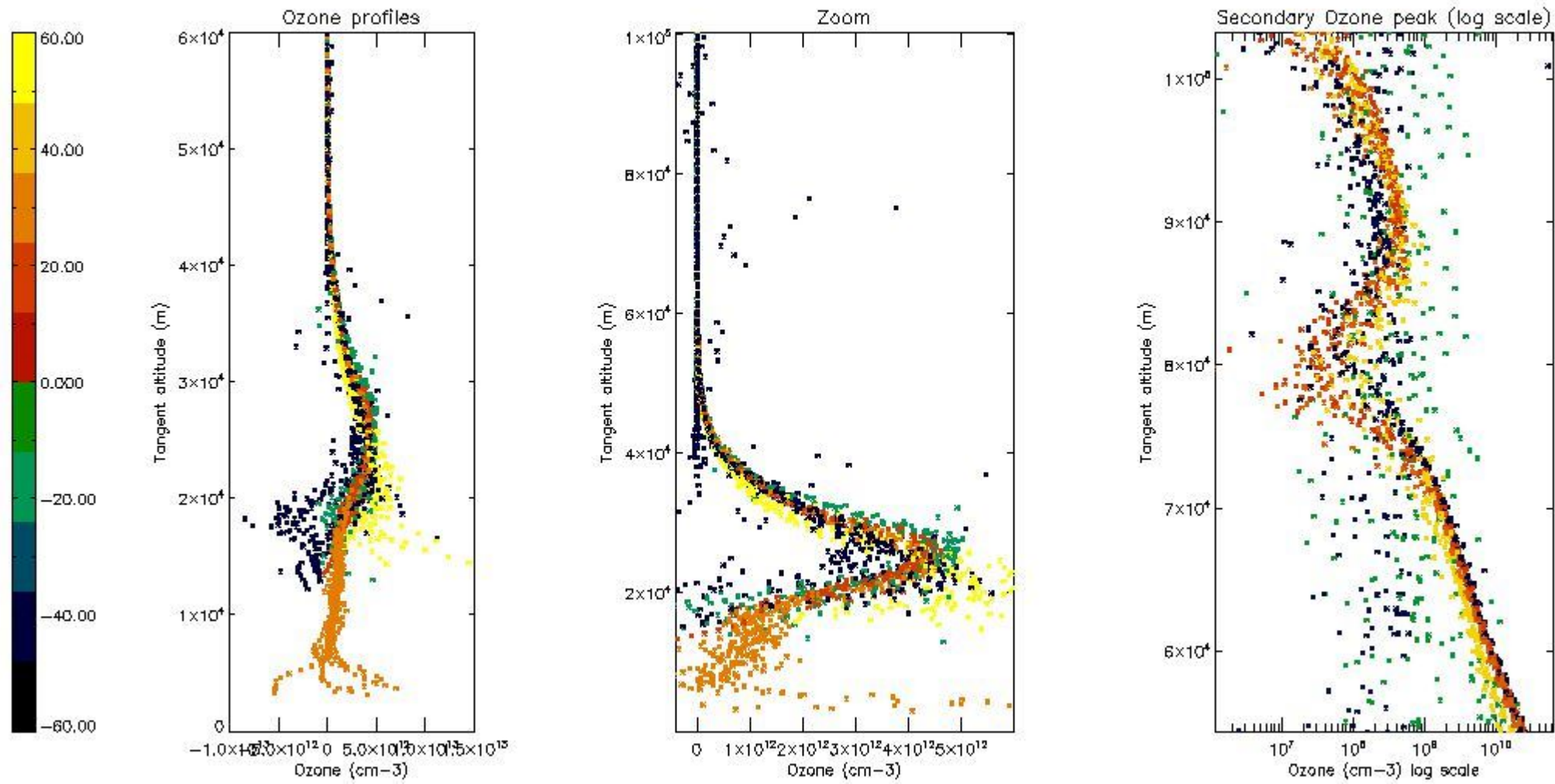
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	17

STD < 10	13
STD < 5	9

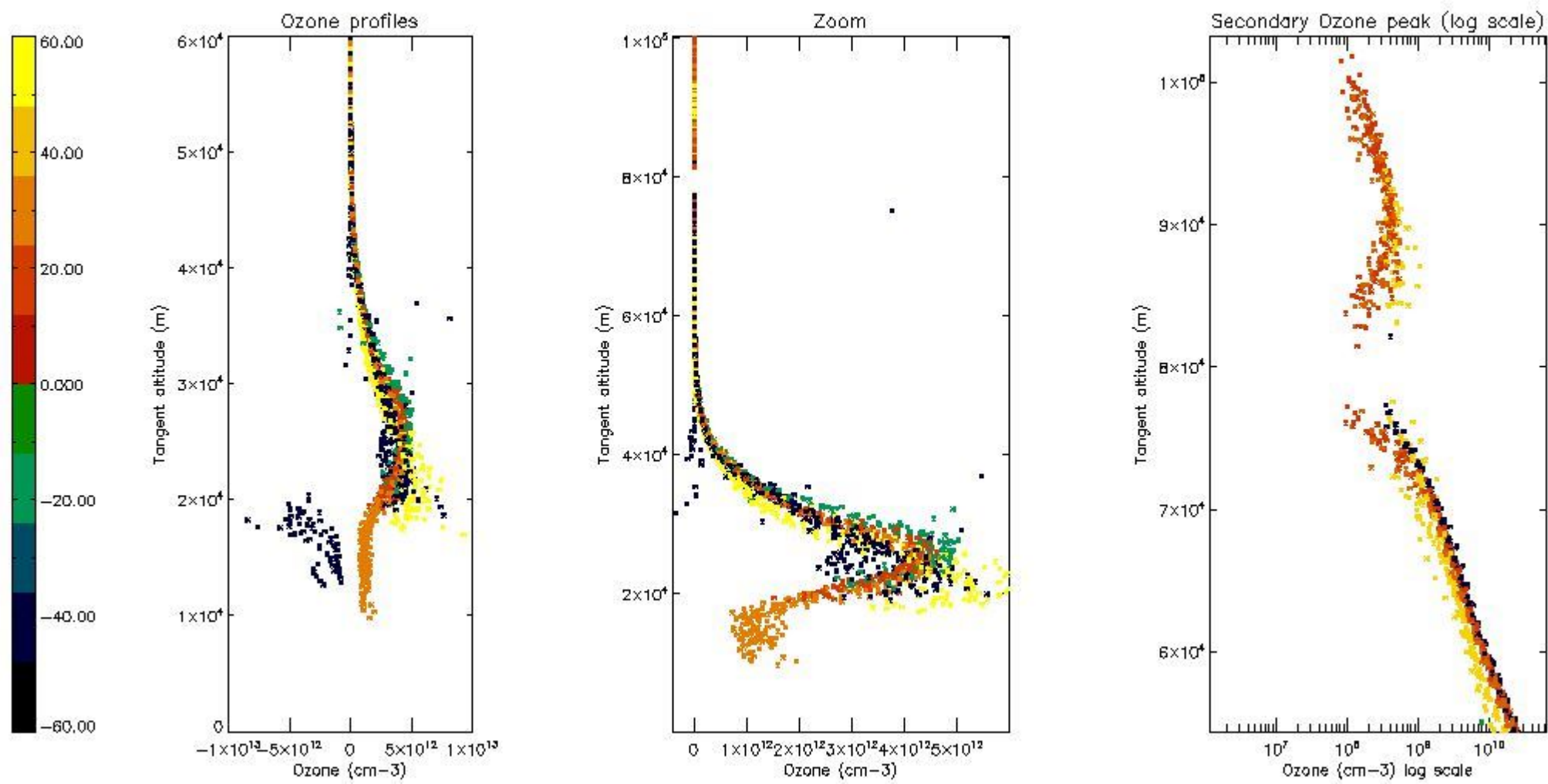
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



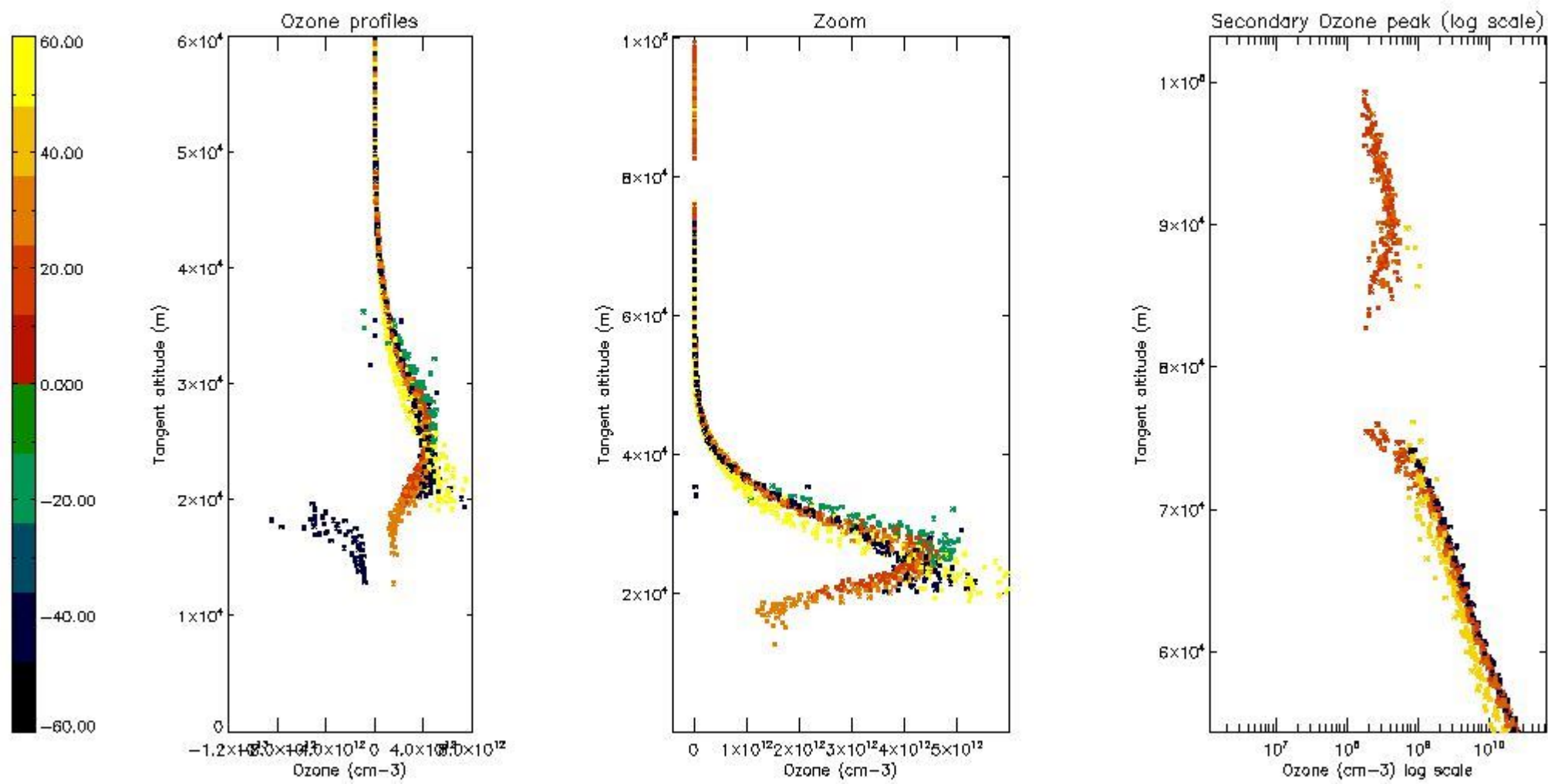
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



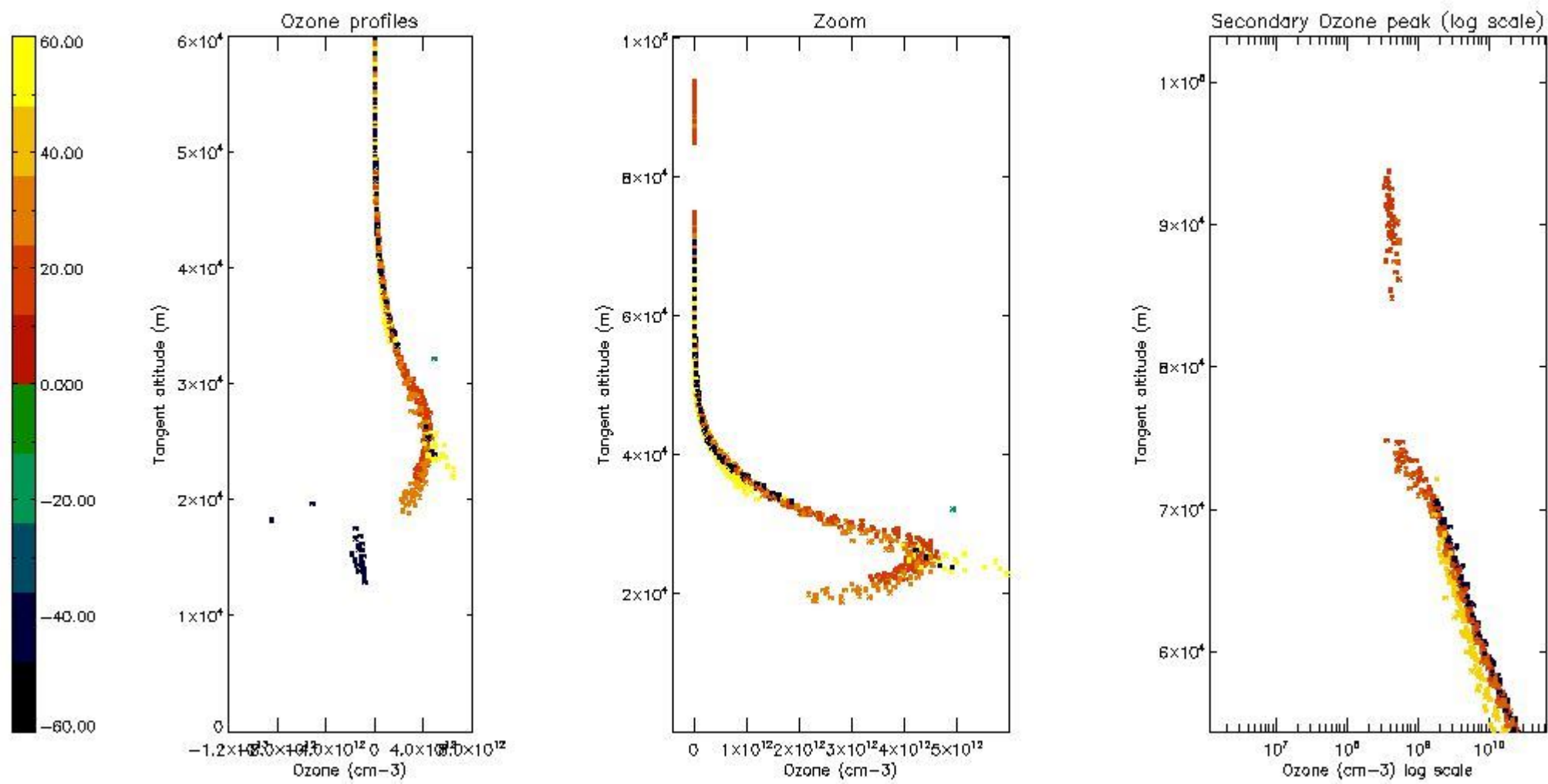
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



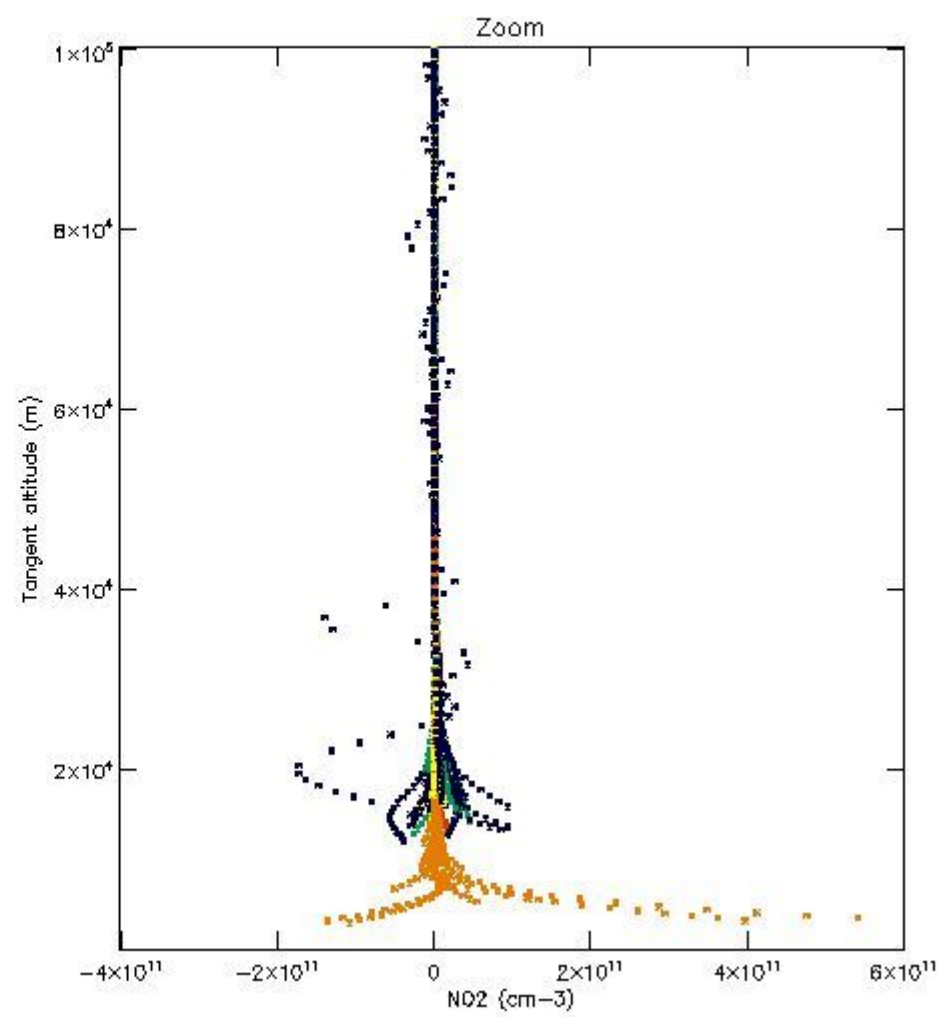
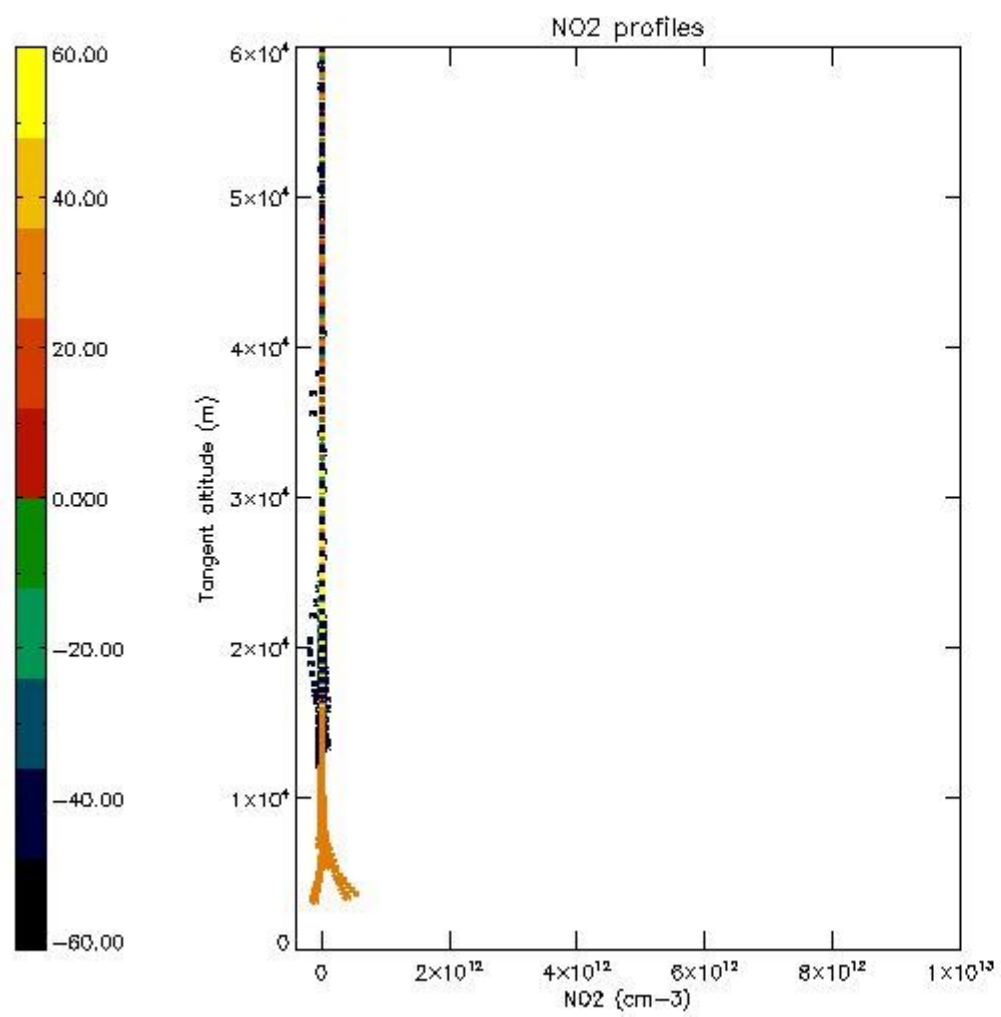
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



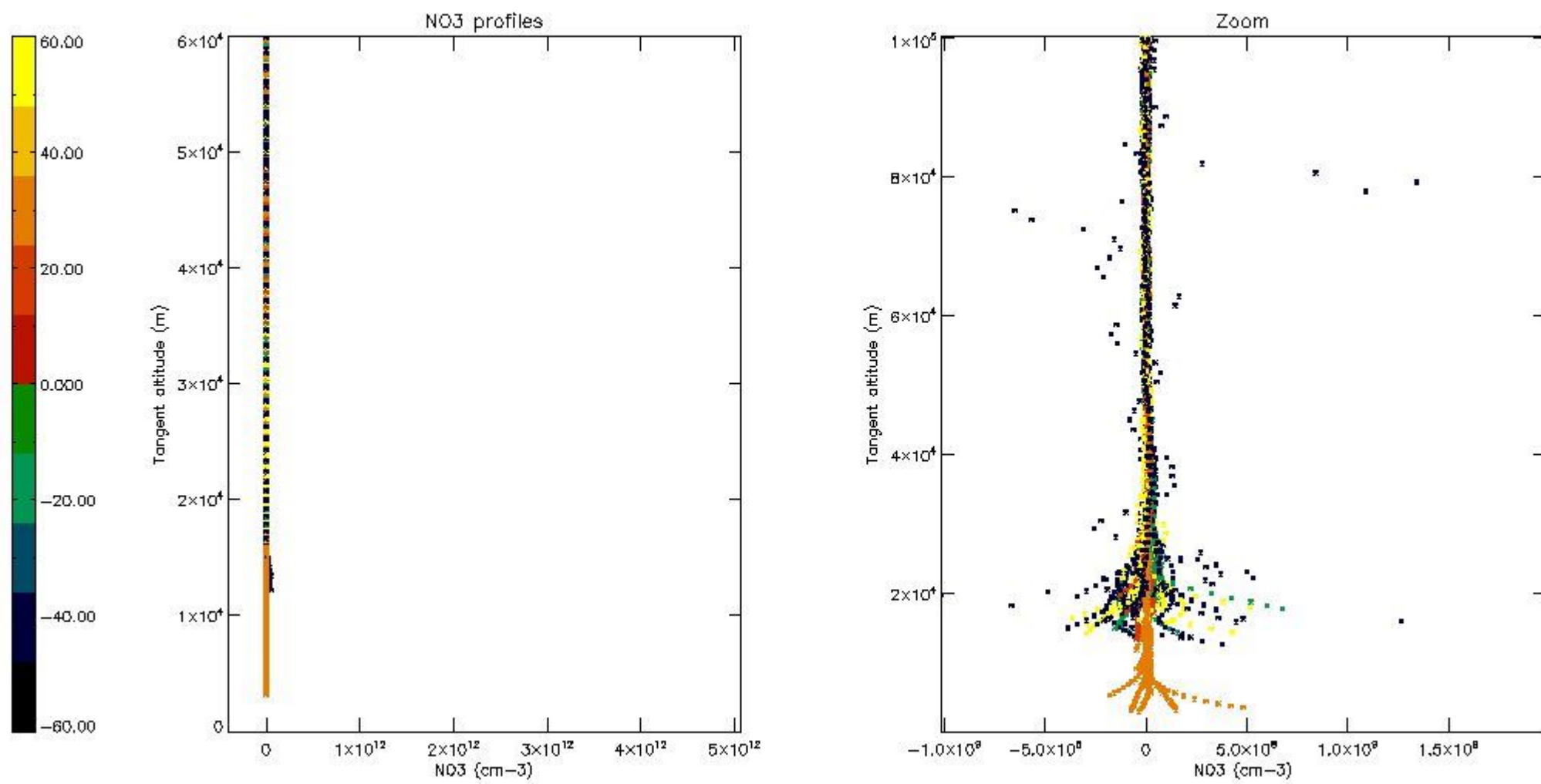
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



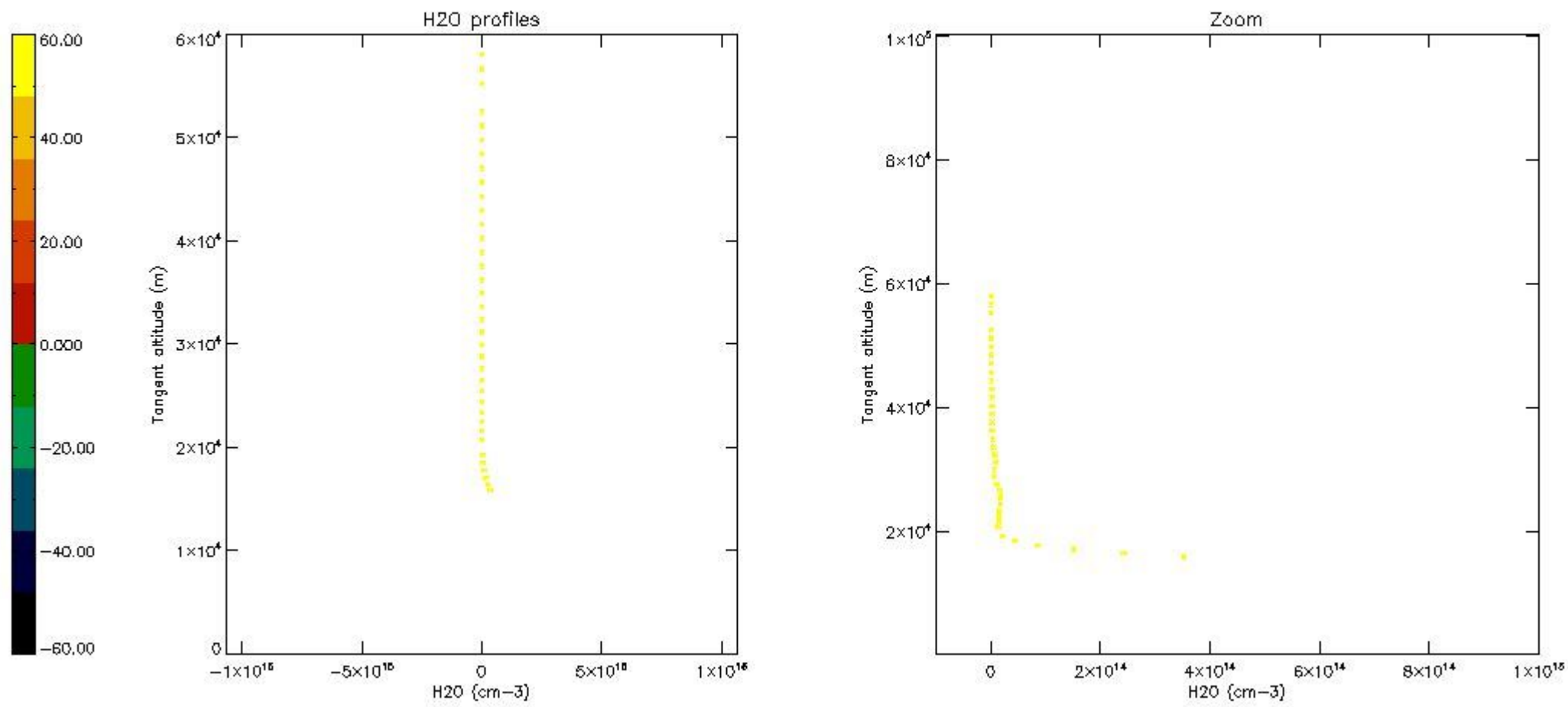
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



5.8 Plot H₂O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 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	02-DEC-2007 00:06:21
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-DEC-2007 00:06:21
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-DEC-2007 00:06:21

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](#)

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[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	23APR2013 12:57:01
Data source version	GOMOS/6.01
Start time of products	02-12-2007 (02DEC2007 00:00:00)
Stop time of products	03-12-2007 (03DEC2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	197
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__2PRFIN20071202_000621_000000452063_00474_30087_5798.N1	02-DEC-2007 00:06:21	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	30087	No
2	GOM_NL__2PRFIN20071202_000936_000000572063_00474_30087_5799.N1	02-DEC-2007 00:09:36	Bright	57.000	32	77Eps UMa	1.7630	11000.	114	30087	No
3	GOM_NL__2PRFIN20071202_001142_000000372063_00474_30087_5800.N1	02-DEC-2007 00:11:42	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	30087	No
4	GOM_NL__2PRFIN20071202_001511_000000382063_00474_30087_5801.N1	02-DEC-2007 00:15:11	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	30087	No
5	GOM_NL__2PRFIN20071202_002345_000000412063_00474_30087_5802.N1	02-DEC-2007 00:23:45	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	30087	No
6	GOM_NL__2PRFIN20071202_002807_000000442063_00474_30087_5803.N1	02-DEC-2007 00:28:07	Bright	44.000	121	29Gam Vir	2.7400	7200.0	88	30087	No
7	GOM_NL__2PRFIN20071202_003348_000000462063_00474_30087_5804.N1	02-DEC-2007 00:33:48	Twilight	46.000	100	4Gam Crv	2.5800	13100.	92	30087	No
8	GOM_NL__2PRFIN20071202_003524_000000472063_00474_30087_5805.N1	02-DEC-2007 00:35:24	Dark	47.000	171	2Eps Crv	3.0010	4250.0	94	30087	No
9	GOM_NL__2PRFIN20071202_004452_000000482063_00475_30088_5821.N1	02-DEC-2007 00:44:52	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	30088	No
10	GOM_NL__2PRFIN20071202_005330_000000472063_00475_30088_5822.N1	02-DEC-2007 00:53:30	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	30088	No
11	GOM_NL__2PRFIN20071202_005649_000000482063_00475_30088_5823.N1	02-DEC-2007 00:56:49	Dark	47.500	2	Alp Car	-0.73600	7000.0	95	30088	No
12	GOM_NL__2PRFIN20071202_010314_000000472063_00475_30088_5824.N1	02-DEC-2007 01:03:14	Dark	46.500	108	Alp Col	2.6520	15200.	93	30088	No
13	GOM_NL__2PRFIN20071202_010754_000000532063_00475_30088_5825.N1	02-DEC-2007 01:07:54	Straylight	53.000	139	9Bet Lep	2.8330	5600.0	106	30088	No
14	GOM_NL__2PRFIN20071202_011058_000000442063_00475_30088_5826.N1	02-DEC-2007 01:10:58	Straylight	44.000	165	34Gam Eri	2.9500	3200.0	88	30088	No
15	GOM_NL__2PRFIN20071202_012028_000000622063_00475_30088_5827.N1	02-DEC-2007 01:20:28	Bright	62.000	13	87Alp Tau	0.86700	3800.0	124	30088	No
16	GOM_NL__2PRFIN20071202_012206_000000372063_00475_30088_5828.N1	02-DEC-2007 01:22:06	Bright	36.500	146	25Eta Tau	2.8730	15200.	73	30088	No
17	GOM_NL__2PRFIN20071202_012428_000000382063_00475_30088_5829.N1	02-DEC-2007 01:24:28	Bright	37.500	150	44Zet Per	2.8900	28000.	75	30088	No
18	GOM_NL__2PRFIN20071202_012653_000000382063_00475_30088_5830.N1	02-DEC-2007 01:26:53	Bright	38.000	149	45Eps Per	2.8880	30000.	76	30088	No
19	GOM_NL__2PRFIN20071202_012855_000000352063_00475_30088_5831.N1	02-DEC-2007 01:28:55	Bright	35.000	175	39Del Per	3.0100	19400.	70	30088	No
20	GOM_NL__2PRFIN20071202_014657_000000432063_00475_30088_5832.N1	02-DEC-2007 01:46:57	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	30088	No
21	GOM_NL__2PRFIN20071202_015012_000000372063_00475_30088_5833.N1	02-DEC-2007 01:50:12	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	30088	No
22	GOM_NL__2PRFIN20071202_015218_000000372063_00475_30088_5834.N1	02-DEC-2007 01:52:18	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	30088	No
23	GOM_NL__2PRFIN20071202_015547_000000382063_00475_30088_5835.N1	02-DEC-2007 01:55:47	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	30088	No
24	GOM_NL__2PRFIN20071202_020421_000000392063_00475_30088_5836.N1	02-DEC-2007 02:04:21	Bright	39.000	138	47Eps Vir	2.8280	4700.0	78	30088	No
25	GOM_NL__2PRFIN20071202_020843_000000622063_00475_30088_5837.N1	02-DEC-2007 02:08:43	Bright	62.000	121	29Gam Vir	2.7400	7200.0	124	30088	No
26	GOM_NL__2PRFIN20071202_021425_000000462063_00475_30088_5838.N1	02-DEC-2007 02:14:25	Twilight	45.500	100	4Gam Crv	2.5800	13100.	91	30088	No
27	GOM_NL__2PRFIN20071202_022529_000000442063_00476_30089_5831.N1	02-DEC-2007 02:25:29	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	30089	No
28	GOM_NL__2PRFIN20071202_023407_000000472063_00476_30089_5832.N1	02-DEC-2007 02:34:07	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	30089	No
29	GOM_NL__2PRFIN20071202_023726_000000582063_00476_30089_5833.N1	02-DEC-2007 02:37:26	Dark	58.000	2	Alp Car	-0.73600	7000.0	116	30089	No
30	GOM_NL__2PRFIN20071202_024350_000000482063_00476_30089_5834.N1	02-DEC-2007 02:43:50	Dark	47.500	108	Alp Col	2.6520	15200.	95	30089	No
31	GOM_NL__2PRFIN20071202_024830_000000512063_00476_30089_5835.N1	02-DEC-2007 02:48:30	Straylight	51.000	139	9Bet Lep	2.8330	5600.0	102	30089	No
32	GOM_NL__2PRFIN20071202_025134_000000432063_00476_30089_5836.N1	02-DEC-2007 02:51:34	Straylight	43.000	165	34Gam Eri	2.9500	3200.0	86	30089	No
33	GOM_NL__2PRFIN20071202_030104_000000582063_00476_30089_5837.N1	02-DEC-2007 03:01:04	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	30089	No
34	GOM_NL__2PRFIN20071202_030242_000000392063_00476_30089_5838.N1	02-DEC-2007 03:02:42	Bright	39.000	146	25Eta Tau	2.8730	15200.	78	30089	No
35	GOM_NL__2PRFIN20071202_030503_000000392063_00476_30089_5839.N1	02-DEC-2007 03:05:03	Bright	39.000	150	44Zet Per	2.8900	28000.	78	30089	No
36	GOM_NL__2PRFIN20071202_030729_000000392063_00476_30089_5840.N1	02-DEC-2007 03:07:29	Bright	38.500	149	45Eps Per	2.8880	30000.	77	30089	No
37	GOM_NL__2PRFIN20071202_030931_000000352063_00476_30089_5841.N1	02-DEC-2007 03:09:31	Bright	35.000	175	39Del Per	3.0100	19400.	70	30089	No
38	GOM_NL__2PRFIN20071202_032732_000000452063_00476_30089_5842.N1	02-DEC-2007 03:27:32	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	30089	No
39	GOM_NL__2PRFIN20071202_033048_000000402063_00476_30089_5843.N1	02-DEC-2007 03:30:48	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	30089	No
40	GOM_NL__2PRFIN20071202_033253_000000372063_00476_30089_5844.N1	02-DEC-2007 03:32:53	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	30089	No
41	GOM_NL__2PRFIN20071202_033623_000000382063_00476_30089_5845.N1	02-DEC-2007 03:36:23	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	30089	No
42	GOM_NL__2PRFIN20071202_034458_000000402063_00476_30089_5846.N1	02-DEC-2007 03:44:58	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	30089	No

43	GOM_NL__2PRFIN20071202_034920_000000432063_00476_30089_5847.N1	02-DEC-2007 03:49:20	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	30089	No
44	GOM_NL__2PRFIN20071202_035502_000000452063_00476_30089_5848.N1	02-DEC-2007 03:55:02	Twilight	45.000	100	4Gam Crv	2.5800	13100.	90	30089	No
45	GOM_NL__2PRFIN20071202_035638_000000442063_00476_30089_5849.N1	02-DEC-2007 03:56:38	Dark	44.000	171	2Eps Crv	3.0010	4250.0	88	30089	No
46	GOM_NL__2PRFIN20071202_040606_000000442063_00477_30090_5849.N1	02-DEC-2007 04:06:06	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	30090	No
47	GOM_NL__2PRFIN20071202_041444_000000472063_00477_30090_5850.N1	02-DEC-2007 04:14:44	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	30090	No
48	GOM_NL__2PRFIN20071202_041802_000000532063_00477_30090_5851.N1	02-DEC-2007 04:18:02	Dark	52.500	2	Alp Car	-0.73600	7000.0	105	30090	No
49	GOM_NL__2PRFIN20071202_042427_000000442063_00477_30090_5852.N1	02-DEC-2007 04:24:27	Dark	43.500	108	Alp Col	2.6520	15200.	87	30090	No
50	GOM_NL__2PRFIN20071202_042907_000000542063_00477_30090_5853.N1	02-DEC-2007 04:29:07	Straylight	54.000	139	9Bet Lep	2.8330	5600.0	108	30090	No
51	GOM_NL__2PRFIN20071202_043211_000000442063_00477_30090_5854.N1	02-DEC-2007 04:32:11	Straylight	44.000	165	34Gam Eri	2.9500	3200.0	88	30090	No
52	GOM_NL__2PRFIN20071202_044139_000000622063_00477_30090_5855.N1	02-DEC-2007 04:41:39	Bright	61.500	13	87Alp Tau	0.86700	3800.0	123	30090	No
53	GOM_NL__2PRFIN20071202_044318_000000382063_00477_30090_5856.N1	02-DEC-2007 04:43:18	Bright	38.000	146	25Eta Tau	2.8730	15200.	76	30090	No
54	GOM_NL__2PRFIN20071202_044539_000000392063_00477_30090_5857.N1	02-DEC-2007 04:45:39	Bright	38.500	150	44Zet Per	2.8900	28000.	77	30090	No
55	GOM_NL__2PRFIN20071202_044804_000000382063_00477_30090_5858.N1	02-DEC-2007 04:48:04	Bright	37.500	149	45Eps Per	2.8880	30000.	75	30090	No
56	GOM_NL__2PRFIN20071202_045006_000000352063_00477_30090_5859.N1	02-DEC-2007 04:50:06	Bright	35.000	175	39Del Per	3.0100	19400.	70	30090	No
57	GOM_NL__2PRFIN20071202_050808_000000462063_00477_30090_5860.N1	02-DEC-2007 05:08:08	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	30090	No
58	GOM_NL__2PRFIN20071202_051124_000000372063_00477_30090_5861.N1	02-DEC-2007 05:11:24	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	30090	No
59	GOM_NL__2PRFIN20071202_051330_000000442063_00477_30090_5862.N1	02-DEC-2007 05:13:30	Bright	43.500	39	85Eta UMa	1.8540	24000.	87	30090	No
60	GOM_NL__2PRFIN20071202_051659_000000372063_00477_30090_5863.N1	02-DEC-2007 05:16:59	Bright	37.000	152	12Alp2CVn	2.8900	11000.	74	30090	No
61	GOM_NL__2PRFIN20071202_052534_000000402063_00477_30090_5864.N1	02-DEC-2007 05:25:34	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	30090	No
62	GOM_NL__2PRFIN20071202_052956_000000422063_00477_30090_5865.N1	02-DEC-2007 05:29:56	Bright	42.000	121	29Gam Vir	2.7400	7200.0	84	30090	No
63	GOM_NL__2PRFIN20071202_053539_000000472063_00477_30090_5866.N1	02-DEC-2007 05:35:39	Twilight	46.500	100	4Gam Crv	2.5800	13100.	93	30090	No
64	GOM_NL__2PRFIN20071202_053714_000000492063_00477_30090_5867.N1	02-DEC-2007 05:37:14	Dark	49.000	171	2Eps Crv	3.0010	4250.0	98	30090	No
65	GOM_NL__2PRFIN20071202_054643_000000452063_00478_30091_5862.N1	02-DEC-2007 05:46:43	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	30091	No
66	GOM_NL__2PRFIN20071202_055521_000000462063_00478_30091_5863.N1	02-DEC-2007 05:55:21	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	30091	No
67	GOM_NL__2PRFIN20071202_055839_000000582063_00478_30091_5864.N1	02-DEC-2007 05:58:39	Dark	58.000	2	Alp Car	-0.73600	7000.0	116	30091	No
68	GOM_NL__2PRFIN20071202_060503_000000462063_00478_30091_5865.N1	02-DEC-2007 06:05:03	Dark	46.000	108	Alp Col	2.6520	15200.	92	30091	No
69	GOM_NL__2PRFIN20071202_060943_000000552063_00478_30091_5866.N1	02-DEC-2007 06:09:43	Straylight	54.500	139	9Bet Lep	2.8330	5600.0	109	30091	No
70	GOM_NL__2PRFIN20071202_061247_000000422063_00478_30091_5867.N1	02-DEC-2007 06:12:47	Straylight	42.000	165	34Gam Eri	2.9500	3200.0	84	30091	No
71	GOM_NL__2PRFIN20071202_062215_000000592063_00478_30091_5868.N1	02-DEC-2007 06:22:15	Bright	59.000	13	87Alp Tau	0.86700	3800.0	118	30091	No
72	GOM_NL__2PRFIN20071202_062353_000000382063_00478_30091_5869.N1	02-DEC-2007 06:23:53	Bright	38.000	146	25Eta Tau	2.8730	15200.	76	30091	No
73	GOM_NL__2PRFIN20071202_062615_000000382063_00478_30091_5870.N1	02-DEC-2007 06:26:15	Bright	38.000	150	44Zet Per	2.8900	28000.	76	30091	No
74	GOM_NL__2PRFIN20071202_062840_000000372063_00478_30091_5871.N1	02-DEC-2007 06:28:40	Bright	36.500	149	45Eps Per	2.8880	30000.	73	30091	No
75	GOM_NL__2PRFIN20071202_063042_000000352063_00478_30091_5872.N1	02-DEC-2007 06:30:42	Bright	34.500	175	39Del Per	3.0100	19400.	69	30091	No
76	GOM_NL__2PRFIN20071202_064844_000000462063_00478_30091_5873.N1	02-DEC-2007 06:48:44	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	30091	No
77	GOM_NL__2PRFIN20071202_065200_000000402063_00478_30091_5874.N1	02-DEC-2007 06:52:00	Bright	39.500	32	77Eps UMa	1.7630	11000.	79	30091	No
78	GOM_NL__2PRFIN20071202_065406_000000362063_00478_30091_5875.N1	02-DEC-2007 06:54:06	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	30091	No
79	GOM_NL__2PRFIN20071202_065735_000000392063_00478_30091_5876.N1	02-DEC-2007 06:57:35	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	30091	No
80	GOM_NL__2PRFIN20071202_070611_000000512063_00478_30091_5877.N1	02-DEC-2007 07:06:11	Bright	50.500	138	47Eps Vir	2.8280	4700.0	101	30091	No
81	GOM_NL__2PRFIN20071202_071033_000000432063_00478_30091_5878.N1	02-DEC-2007 07:10:33	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	30091	No
82	GOM_NL__2PRFIN20071202_071615_000000452063_00478_30091_5879.N1	02-DEC-2007 07:16:15	Dark	45.000	100	4Gam Crv	2.5800	13100.	90	30091	No
83	GOM_NL__2PRFIN20071202_071751_000000522063_00478_30091_5880.N1	02-DEC-2007 07:17:51	Dark	51.500	171	2Eps Crv	3.0010	4250.0	103	30091	No
84	GOM_NL__2PRFIN20071202_072719_000000472063_00479_30092_5876.N1	02-DEC-2007 07:27:19	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	30092	No
85	GOM_NL__2PRFIN20071202_073558_000000532063_00479_30092_5877.N1	02-DEC-2007 07:35:58	Dark	53.000	34	Gam2Vel	1.7930	23000.	106	30092	No
86	GOM_NL__2PRFIN20071202_073915_000000492063_00479_30092_5878.N1	02-DEC-2007 07:39:15	Dark	48.500	2	Alp Car	-0.73600	7000.0	97	30092	No
87	GOM_NL__2PRFIN20071202_074540_000000462063_00479_30092_5879.N1	02-DEC-2007 07:45:40	Dark	45.500	108	Alp Col	2.6520	15200.	91	30092	No
88	GOM_NL__2PRFIN20071202_075019_000000502063_00479_30092_5880.N1	02-DEC-2007 07:50:19	Straylight	49.500	139	9Bet Lep	2.8330	5600.0	99	30092	No
89	GOM_NL__2PRFIN20071202_075323_000000402063_00479_30092_5881.N1	02-DEC-2007 07:53:23	Straylight	39.500	165	34Gam Eri	2.9500	3200.0	79	30092	No
90	GOM_NL__2PRFIN20071202_080251_000000532063_00479_30092_5882.N1	02-DEC-2007 08:02:51	Bright	52.500	13	87Alp Tau	0.86700	3800.0	105	30092	No
91	GOM_NL__2PRFIN20071202_080429_000000392063_00479_30092_5883.N1	02-DEC-2007 08:04:29	Bright	38.500	146	25Eta Tau	2.8730	15200.	77	30092	No
92	GOM_NL__2PRFIN20071202_080651_000000382063_00479_30092_5884.N1	02-DEC-2007 08:06:51	Bright	38.000	150	44Zet Per	2.8900	28000.	76	30092	No
93	GOM_NL__2PRFIN20071202_080916_000000382063_00479_30092_5885.N1	02-DEC-2007 08:09:16	Bright	37.500	149	45Eps Per	2.8880	30000.	75	30092	No
94	GOM_NL__2PRFIN20071202_081118_000000362063_00479_30092_5886.N1	02-DEC-2007 08:11:18	Bright	36.000	175	39Del Per	3.0100	19400.	72	30092	No
95	GOM_NL__2PRFIN20071202_082919_000000452063_00479_30092_5887.N1	02-DEC-2007 08:29:19	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	30092	No
96	GOM_NL__2PRFIN20071202_083236_000000382063_00479_30092_5888.N1	02-DEC-2007 08:32:36	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	30092	No
97	GOM_NL__2PRFIN20071202_083442_000000372063_00479_30092_5889.N1	02-DEC-2007 08:34:42	Bright	36.500	39	85Eta UMa	1.8540	24000.	73	30092	No
98	GOM_NL__2PRFIN20071202_083811_000000382063_00479_30092_5890.N1	02-DEC-2007 08:38:11	Bright	38.000	152	12Alp2CVn	2.8900	11000.	76	30092	No
99	GOM_NL__2PRFIN20071202_084647_000000402063_00479_30092_5891.N1	02-DEC-2007 08:46:47	Bright	40.000	138	47Eps Vir	2.8280	4700.0	80	30092	No
100	GOM_NL__2PRFIN20071202_085110_000000422063_00479_30092_5892.N1	02-DEC-2007 08:51:10	Bright	41.500	121	29Gam Vir	2.7400	7200.0	83	30092	No
101	GOM_NL__2PRFIN20071202_085652_000000502063_00479_30092_5893.N1	02-DEC-2007 08:56:52	Dark	49.500	100	4Gam Crv	2.5800	13100.	99	30092	No

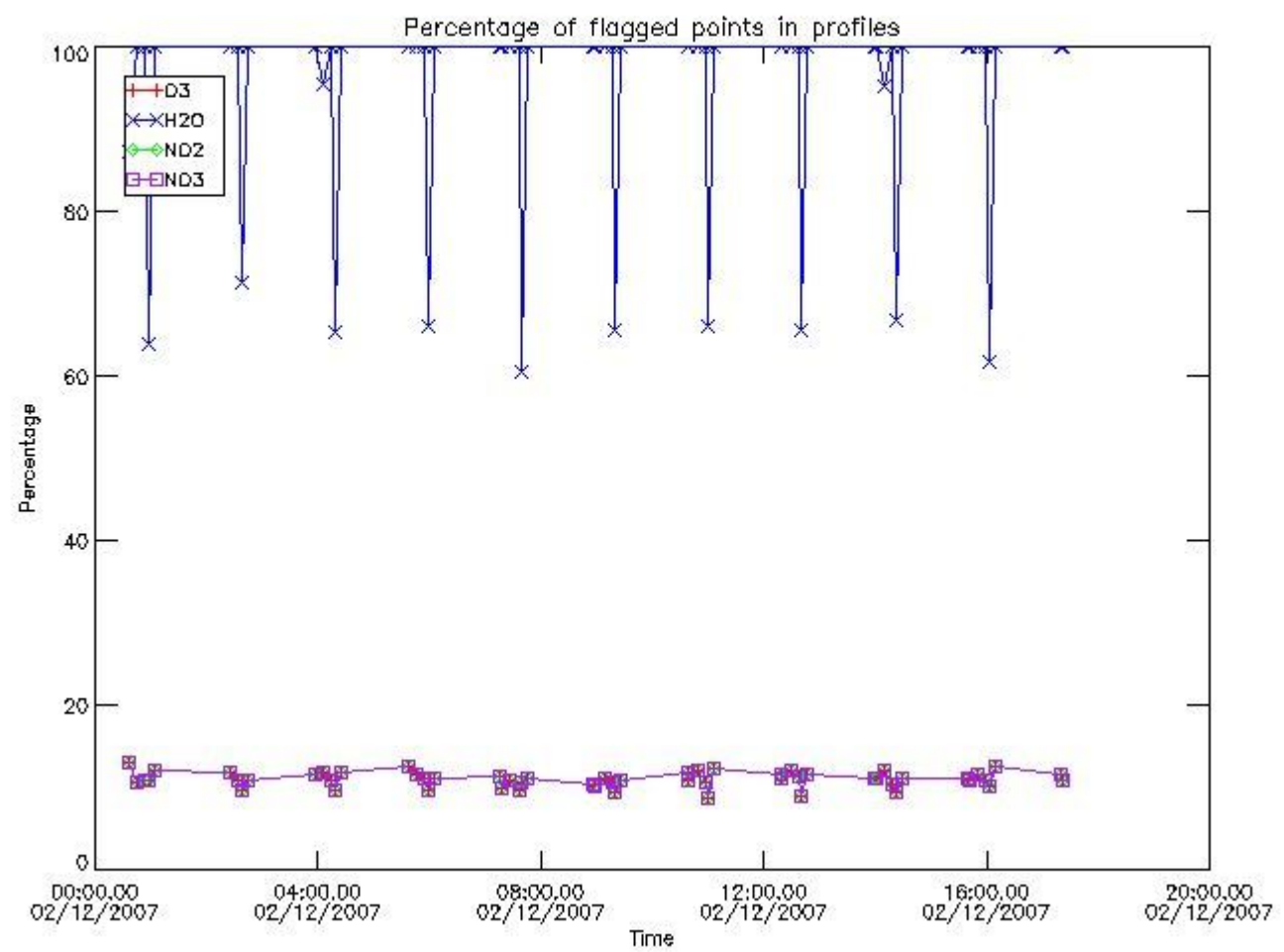
102	GOM_NL__2PRFIN20071202_085828_000000502063_00479_30092_5894.N1	02-DEC-2007 08:58:28	Dark	50.000	171	2Eps Crv	3.0010	4250.0	100	30092	No
103	GOM_NL__2PRFIN20071202_090756_000000462063_00480_30093_5890.N1	02-DEC-2007 09:07:56	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	30093	No
104	GOM_NL__2PRFIN20071202_091634_000000482063_00480_30093_5891.N1	02-DEC-2007 09:16:34	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	30093	No
105	GOM_NL__2PRFIN20071202_091952_000000542063_00480_30093_5892.N1	02-DEC-2007 09:19:52	Dark	54.000	2	Alp Car	-0.73600	7000.0	108	30093	No
106	GOM_NL__2PRFIN20071202_092616_000000482063_00480_30093_5893.N1	02-DEC-2007 09:26:16	Dark	47.500	108	Alp Col	2.6520	15200.	95	30093	No
107	GOM_NL__2PRFIN20071202_093055_000000472063_00480_30093_5894.N1	02-DEC-2007 09:30:55	Straylight	47.000	139	9Bet Lep	2.8330	5600.0	94	30093	No
108	GOM_NL__2PRFIN20071202_093359_000000402063_00480_30093_5895.N1	02-DEC-2007 09:33:59	Straylight	40.000	165	34Gam Eri	2.9500	3200.0	80	30093	No
109	GOM_NL__2PRFIN20071202_094326_000000602063_00480_30093_5896.N1	02-DEC-2007 09:43:26	Bright	60.000	13	87Alp Tau	0.86700	3800.0	120	30093	No
110	GOM_NL__2PRFIN20071202_094505_000000392063_00480_30093_5897.N1	02-DEC-2007 09:45:05	Bright	38.500	146	25Eta Tau	2.8730	15200.	77	30093	No
111	GOM_NL__2PRFIN20071202_094726_000000392063_00480_30093_5898.N1	02-DEC-2007 09:47:26	Bright	39.000	150	44Zet Per	2.8900	28000.	78	30093	No
112	GOM_NL__2PRFIN20071202_094951_000000382063_00480_30093_5899.N1	02-DEC-2007 09:49:51	Bright	38.000	149	45Eps Per	2.8880	30000.	76	30093	No
113	GOM_NL__2PRFIN20071202_095154_000000362063_00480_30093_5900.N1	02-DEC-2007 09:51:54	Bright	36.000	175	39Del Per	3.0100	19400.	72	30093	No
114	GOM_NL__2PRFIN20071202_100955_000000432063_00480_30093_5901.N1	02-DEC-2007 10:09:55	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	30093	No
115	GOM_NL__2PRFIN20071202_101312_000000362063_00480_30093_5902.N1	02-DEC-2007 10:13:12	Bright	36.000	32	77Eps UMa	1.7630	11000.	72	30093	No
116	GOM_NL__2PRFIN20071202_101518_000000362063_00480_30093_5903.N1	02-DEC-2007 10:15:18	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	30093	No
117	GOM_NL__2PRFIN20071202_101847_000000502063_00480_30093_5904.N1	02-DEC-2007 10:18:47	Bright	49.500	152	12Alp2CVn	2.8900	11000.	99	30093	No
118	GOM_NL__2PRFIN20071202_102723_000000412063_00480_30093_5905.N1	02-DEC-2007 10:27:23	Bright	40.500	138	47Eps Vir	2.8280	4700.0	81	30093	No
119	GOM_NL__2PRFIN20071202_103146_000000432063_00480_30093_5906.N1	02-DEC-2007 10:31:46	Bright	43.000	121	29Gam Vir	2.7400	7200.0	86	30093	No
120	GOM_NL__2PRFIN20071202_103729_000000482063_00480_30093_5907.N1	02-DEC-2007 10:37:29	Dark	47.500	100	4Gam Crv	2.5800	13100.	95	30093	No
121	GOM_NL__2PRFIN20071202_103905_000000482063_00480_30093_5908.N1	02-DEC-2007 10:39:05	Dark	47.500	171	2Eps Crv	3.0010	4250.0	95	30093	No
122	GOM_NL__2PRFIN20071202_104833_000000432063_00481_30094_5901.N1	02-DEC-2007 10:48:33	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	30094	No
123	GOM_NL__2PRFIN20071202_105711_000000482063_00481_30094_5902.N1	02-DEC-2007 10:57:11	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	30094	No
124	GOM_NL__2PRFIN20071202_110028_000000582063_00481_30094_5903.N1	02-DEC-2007 11:00:28	Dark	58.000	2	Alp Car	-0.73600	7000.0	116	30094	No
125	GOM_NL__2PRFIN20071202_110652_000000462063_00481_30094_5904.N1	02-DEC-2007 11:06:52	Dark	45.500	108	Alp Col	2.6520	15200.	91	30094	No
126	GOM_NL__2PRFIN20071202_111131_000000492063_00481_30094_5905.N1	02-DEC-2007 11:11:31	Straylight	49.000	139	9Bet Lep	2.8330	5600.0	98	30094	No
127	GOM_NL__2PRFIN20071202_111435_000000442063_00481_30094_5906.N1	02-DEC-2007 11:14:35	Straylight	44.000	165	34Gam Eri	2.9500	3200.0	88	30094	No
128	GOM_NL__2PRFIN20071202_112402_000000612063_00481_30094_5907.N1	02-DEC-2007 11:24:02	Bright	60.500	13	87Alp Tau	0.86700	3800.0	121	30094	No
129	GOM_NL__2PRFIN20071202_112541_000000382063_00481_30094_5908.N1	02-DEC-2007 11:25:41	Bright	38.000	146	25Eta Tau	2.8730	15200.	76	30094	No
130	GOM_NL__2PRFIN20071202_112802_000000382063_00481_30094_5909.N1	02-DEC-2007 11:28:02	Bright	38.000	150	44Zet Per	2.8900	28000.	76	30094	No
131	GOM_NL__2PRFIN20071202_113027_000000372063_00481_30094_5910.N1	02-DEC-2007 11:30:27	Bright	36.500	149	45Eps Per	2.8880	30000.	73	30094	No
132	GOM_NL__2PRFIN20071202_113229_000000372063_00481_30094_5911.N1	02-DEC-2007 11:32:29	Bright	36.500	175	39Del Per	3.0100	19400.	73	30094	No
133	GOM_NL__2PRFIN20071202_115030_000000462063_00481_30094_5912.N1	02-DEC-2007 11:50:30	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	30094	No
134	GOM_NL__2PRFIN20071202_115347_000000382063_00481_30094_5913.N1	02-DEC-2007 11:53:47	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	30094	No
135	GOM_NL__2PRFIN20071202_115553_000000352063_00481_30094_5914.N1	02-DEC-2007 11:55:53	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	30094	No
136	GOM_NL__2PRFIN20071202_115923_000000592063_00481_30094_5915.N1	02-DEC-2007 11:59:23	Bright	59.000	152	12Alp2CVn	2.8900	11000.	118	30094	No
137	GOM_NL__2PRFIN20071202_120759_000000402063_00481_30094_5916.N1	02-DEC-2007 12:07:59	Bright	39.500	138	47Eps Vir	2.8280	4700.0	79	30094	No
138	GOM_NL__2PRFIN20071202_121222_000000622063_00481_30094_5917.N1	02-DEC-2007 12:12:22	Bright	62.000	121	29Gam Vir	2.7400	7200.0	124	30094	No
139	GOM_NL__2PRFIN20071202_121805_000000452063_00481_30094_5918.N1	02-DEC-2007 12:18:05	Dark	44.500	100	4Gam Crv	2.5800	13100.	89	30094	No
140	GOM_NL__2PRFIN20071202_121941_000000462063_00481_30094_5919.N1	02-DEC-2007 12:19:41	Dark	46.000	171	2Eps Crv	3.0010	4250.0	92	30094	No
141	GOM_NL__2PRFIN20071202_122909_000000422063_00482_30095_5922.N1	02-DEC-2007 12:29:09	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	30095	No
142	GOM_NL__2PRFIN20071202_123748_000000502063_00482_30095_5923.N1	02-DEC-2007 12:37:48	Dark	49.500	34	Gam2Vel	1.7930	23000.	99	30095	No
143	GOM_NL__2PRFIN20071202_124105_000000572063_00482_30095_5924.N1	02-DEC-2007 12:41:05	Dark	57.000	2	Alp Car	-0.73600	7000.0	114	30095	No
144	GOM_NL__2PRFIN20071202_124729_000000442063_00482_30095_5925.N1	02-DEC-2007 12:47:29	Dark	44.000	108	Alp Col	2.6520	15200.	88	30095	No
145	GOM_NL__2PRFIN20071202_125207_000000492063_00482_30095_5926.N1	02-DEC-2007 12:52:07	Straylight	48.500	139	9Bet Lep	2.8330	5600.0	97	30095	No
146	GOM_NL__2PRFIN20071202_125511_000000442063_00482_30095_5927.N1	02-DEC-2007 12:55:11	Straylight	43.500	165	34Gam Eri	2.9500	3200.0	87	30095	No
147	GOM_NL__2PRFIN20071202_130437_000000622063_00482_30095_5928.N1	02-DEC-2007 13:04:37	Bright	62.000	13	87Alp Tau	0.86700	3800.0	124	30095	No
148	GOM_NL__2PRFIN20071202_130616_000000382063_00482_30095_5929.N1	02-DEC-2007 13:06:16	Bright	37.500	146	25Eta Tau	2.8730	15200.	75	30095	No
149	GOM_NL__2PRFIN20071202_130838_000000382063_00482_30095_5930.N1	02-DEC-2007 13:08:38	Bright	38.000	150	44Zet Per	2.8900	28000.	76	30095	No
150	GOM_NL__2PRFIN20071202_131103_000000372063_00482_30095_5931.N1	02-DEC-2007 13:11:03	Bright	36.500	149	45Eps Per	2.8880	30000.	73	30095	No
151	GOM_NL__2PRFIN20071202_131305_000000362063_00482_30095_5932.N1	02-DEC-2007 13:13:05	Bright	35.500	175	39Del Per	3.0100	19400.	71	30095	No
152	GOM_NL__2PRFIN20071202_133106_000000452063_00482_30095_5933.N1	02-DEC-2007 13:31:06	Bright	44.500	36	50Alp UMa	1.8000	6300.0	89	30095	No
153	GOM_NL__2PRFIN20071202_133423_000000392063_00482_30095_5934.N1	02-DEC-2007 13:34:23	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	30095	No
154	GOM_NL__2PRFIN20071202_133629_000000362063_00482_30095_5935.N1	02-DEC-2007 13:36:29	Bright	35.500	39	85Eta UMa	1.8540	24000.	71	30095	No
155	GOM_NL__2PRFIN20071202_133959_000000382063_00482_30095_5936.N1	02-DEC-2007 13:39:59	Bright	37.500	152	12Alp2CVn	2.8900	11000.	75	30095	No
156	GOM_NL__2PRFIN20071202_134836_000000592063_00482_30095_5937.N1	02-DEC-2007 13:48:36	Bright	59.000	138	47Eps Vir	2.8280	4700.0	118	30095	No
157	GOM_NL__2PRFIN20071202_135259_000000412063_00482_30095_5938.N1	02-DEC-2007 13:52:59	Bright	41.000	121	29Gam Vir	2.7400	7200.0	82	30095	No
158	GOM_NL__2PRFIN20071202_135842_000000462063_00482_30095_5939.N1	02-DEC-2007 13:58:42	Dark	46.000	100	4Gam Crv	2.5800	13100.	92	30095	No
159	GOM_NL__2PRFIN20071202_140018_000000502063_00482_30095_5940.N1	02-DEC-2007 14:00:18	Dark	50.000	171	2Eps Crv	3.0010	4250.0	100	30095	No
160	GOM_NL__2PRFIN20071202_140946_000000432063_00483_30096_5933.N1	02-DEC-2007 14:09:46	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	30096	No

161	GOM_NL__2PRFIN20071202_141825_000000502063_00483_30096_5934.N1	02-DEC-2007 14:18:25	Dark	49.500	34	Gam2Vel	1.7930	23000.	99	30096	No
162	GOM_NL__2PRFIN20071202_142141_000000552063_00483_30096_5935.N1	02-DEC-2007 14:21:41	Dark	54.500	2	Alp Car	-0.73600	7000.0	109	30096	No
163	GOM_NL__2PRFIN20071202_142805_000000462063_00483_30096_5936.N1	02-DEC-2007 14:28:05	Dark	45.500	108	Alp Col	2.6520	15200.	91	30096	No
164	GOM_NL__2PRFIN20071202_143243_000000512063_00483_30096_5937.N1	02-DEC-2007 14:32:43	Straylight	51.000	139	9Bet Lep	2.8330	5600.0	102	30096	No
165	GOM_NL__2PRFIN20071202_143547_000000472063_00483_30096_5938.N1	02-DEC-2007 14:35:47	Straylight	46.500	165	34Gam Eri	2.9500	3200.0	93	30096	No
166	GOM_NL__2PRFIN20071202_144513_000000622063_00483_30096_5939.N1	02-DEC-2007 14:45:13	Bright	62.000	13	87Alp Tau	0.86700	3800.0	124	30096	No
167	GOM_NL__2PRFIN20071202_144652_000000372063_00483_30096_5940.N1	02-DEC-2007 14:46:52	Bright	36.500	146	25Eta Tau	2.8730	15200.	73	30096	No
168	GOM_NL__2PRFIN20071202_144913_000000382063_00483_30096_5941.N1	02-DEC-2007 14:49:13	Bright	38.000	150	44Zet Per	2.8900	28000.	76	30096	No
169	GOM_NL__2PRFIN20071202_145138_000000352063_00483_30096_5942.N1	02-DEC-2007 14:51:38	Bright	35.000	149	45Eps Per	2.8880	30000.	70	30096	No
170	GOM_NL__2PRFIN20071202_145341_000000352063_00483_30096_5943.N1	02-DEC-2007 14:53:41	Bright	35.000	175	39Del Per	3.0100	19400.	70	30096	No
171	GOM_NL__2PRFIN20071202_151141_000000452063_00483_30096_5944.N1	02-DEC-2007 15:11:41	Bright	45.000	36	50Alp UMa	1.8000	6300.0	90	30096	No
172	GOM_NL__2PRFIN20071202_151459_000000392063_00483_30096_5945.N1	02-DEC-2007 15:14:59	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	30096	No
173	GOM_NL__2PRFIN20071202_151705_000000352063_00483_30096_5946.N1	02-DEC-2007 15:17:05	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	30096	No
174	GOM_NL__2PRFIN20071202_152035_000000402063_00483_30096_5947.N1	02-DEC-2007 15:20:35	Bright	40.000	152	12Alp2CVn	2.8900	11000.	80	30096	No
175	GOM_NL__2PRFIN20071202_152912_000000552063_00483_30096_5948.N1	02-DEC-2007 15:29:12	Bright	54.500	138	47Eps Vir	2.8280	4700.0	109	30096	No
176	GOM_NL__2PRFIN20071202_153335_000000412063_00483_30096_5949.N1	02-DEC-2007 15:33:35	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	30096	No
177	GOM_NL__2PRFIN20071202_153919_000000462063_00483_30096_5950.N1	02-DEC-2007 15:39:19	Dark	46.000	100	4Gam Crv	2.5800	13100.	92	30096	No
178	GOM_NL__2PRFIN20071202_154055_000000472063_00483_30096_5951.N1	02-DEC-2007 15:40:55	Dark	47.000	171	2Eps Crv	3.0010	4250.0	94	30096	No
179	GOM_NL__2PRFIN20071202_155023_000000442063_00484_30097_5948.N1	02-DEC-2007 15:50:23	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	30097	No
180	GOM_NL__2PRFIN20071202_155902_000000472063_00484_30097_5949.N1	02-DEC-2007 15:59:02	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	30097	No
181	GOM_NL__2PRFIN20071202_160217_000000502063_00484_30097_5950.N1	02-DEC-2007 16:02:17	Dark	49.500	2	Alp Car	-0.73600	7000.0	99	30097	No
182	GOM_NL__2PRFIN20071202_160841_000000452063_00484_30097_5951.N1	02-DEC-2007 16:08:41	Dark	45.000	108	Alp Col	2.6520	15200.	90	30097	No
183	GOM_NL__2PRFIN20071202_161320_000000482063_00484_30097_5952.N1	02-DEC-2007 16:13:20	Straylight	48.000	139	9Bet Lep	2.8330	5600.0	96	30097	No
184	GOM_NL__2PRFIN20071202_161623_000000452063_00484_30097_5953.N1	02-DEC-2007 16:16:23	Straylight	44.500	165	34Gam Eri	2.9500	3200.0	89	30097	No
185	GOM_NL__2PRFIN20071202_162548_000000622063_00484_30097_5954.N1	02-DEC-2007 16:25:48	Bright	62.000	13	87Alp Tau	0.86700	3800.0	124	30097	No
186	GOM_NL__2PRFIN20071202_162728_000000372063_00484_30097_5955.N1	02-DEC-2007 16:27:28	Bright	37.000	146	25Eta Tau	2.8730	15200.	74	30097	No
187	GOM_NL__2PRFIN20071202_162949_000000392063_00484_30097_5956.N1	02-DEC-2007 16:29:49	Bright	38.500	150	44Zet Per	2.8900	28000.	77	30097	No
188	GOM_NL__2PRFIN20071202_163214_000000372063_00484_30097_5957.N1	02-DEC-2007 16:32:14	Bright	37.000	149	45Eps Per	2.8880	30000.	74	30097	No
189	GOM_NL__2PRFIN20071202_163417_000000372063_00484_30097_5958.N1	02-DEC-2007 16:34:17	Bright	36.500	175	39Del Per	3.0100	19400.	73	30097	No
190	GOM_NL__2PRFIN20071202_165217_000000402063_00484_30097_5959.N1	02-DEC-2007 16:52:17	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	30097	No
191	GOM_NL__2PRFIN20071202_165535_000000562063_00484_30097_5960.N1	02-DEC-2007 16:55:35	Bright	56.000	32	77Eps UMa	1.7630	11000.	112	30097	No
192	GOM_NL__2PRFIN20071202_165741_000000382063_00484_30097_5961.N1	02-DEC-2007 16:57:41	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	30097	No
193	GOM_NL__2PRFIN20071202_170111_000000392063_00484_30097_5962.N1	02-DEC-2007 17:01:11	Bright	38.500	152	12Alp2CVn	2.8900	11000.	77	30097	No
194	GOM_NL__2PRFIN20071202_170948_000000392063_00484_30097_5963.N1	02-DEC-2007 17:09:48	Bright	39.000	138	47Eps Vir	2.8280	4700.0	78	30097	No
195	GOM_NL__2PRFIN20071202_171412_000000522063_00484_30097_5964.N1	02-DEC-2007 17:14:12	Bright	51.500	121	29Gam Vir	2.7400	7200.0	103	30097	No
196	GOM_NL__2PRFIN20071202_171956_000000452063_00484_30097_5965.N1	02-DEC-2007 17:19:56	Dark	44.500	100	4Gam Crv	2.5800	13100.	89	30097	No
197	GOM_NL__2PRFIN20071202_172132_000000462063_00484_30097_5966.N1	02-DEC-2007 17:21:32	Dark	46.000	171	2Eps Crv	3.0010	4250.0	92	30097	No

3. Quality information per product

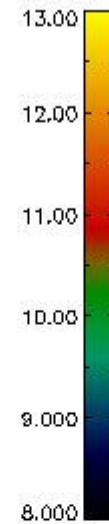
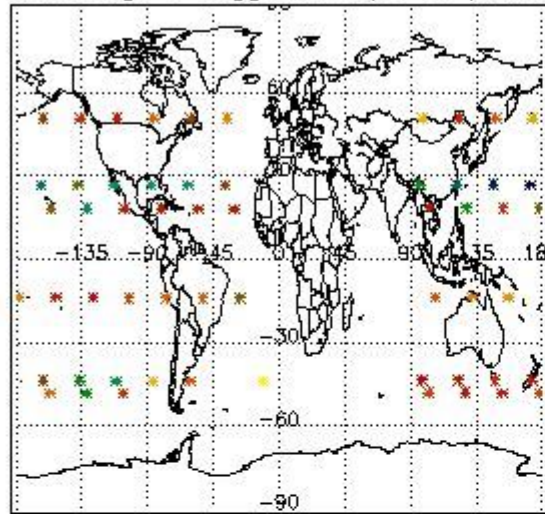
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

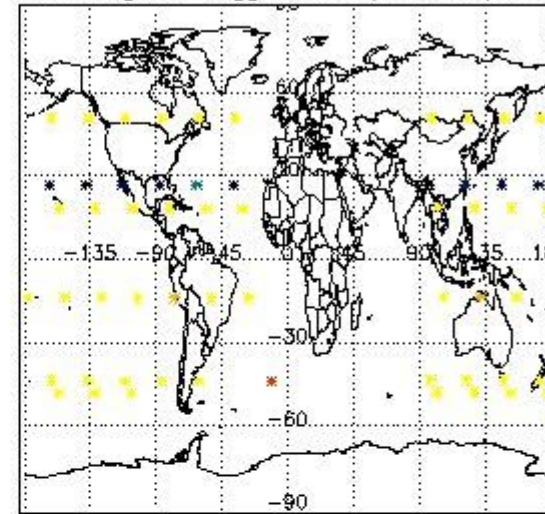


3.2 Plot quality information per product (world map)

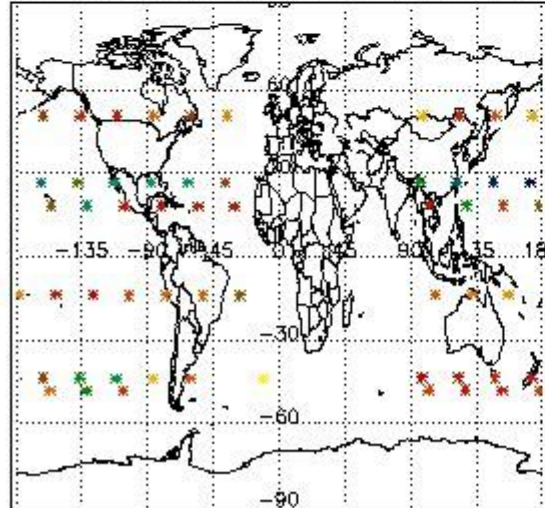
Percentage of flagged data per O3 profile



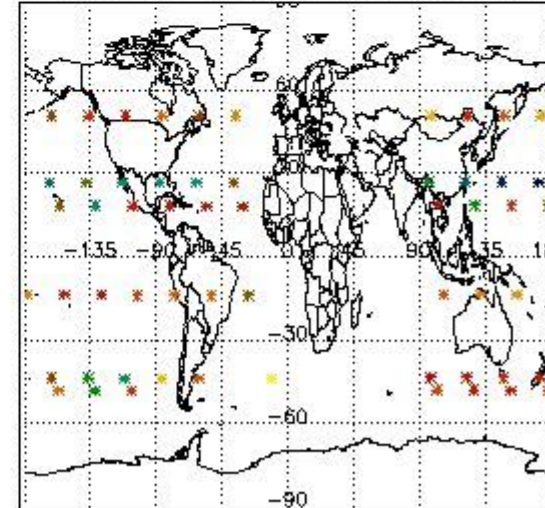
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

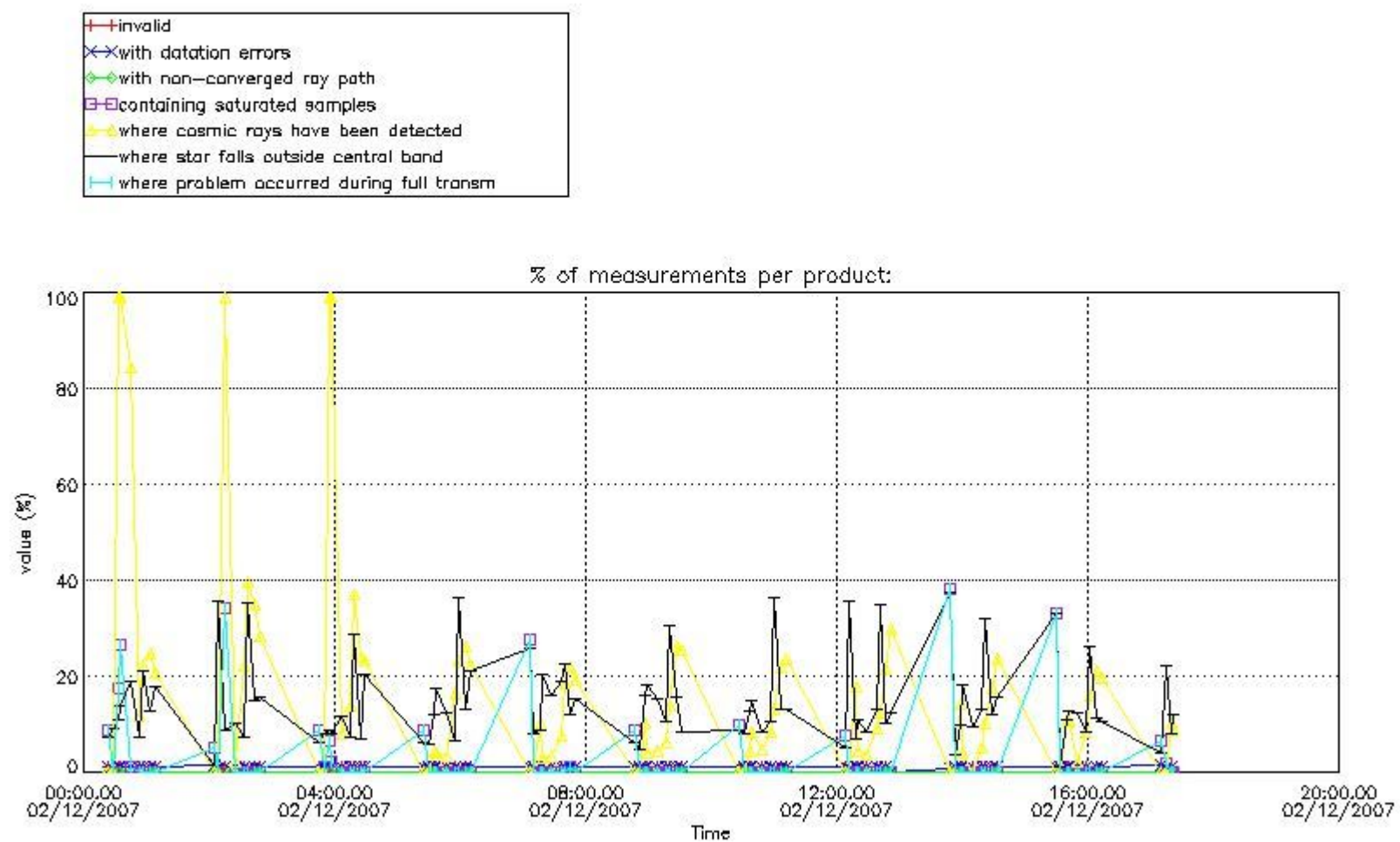


4. Level 1 quality information per product

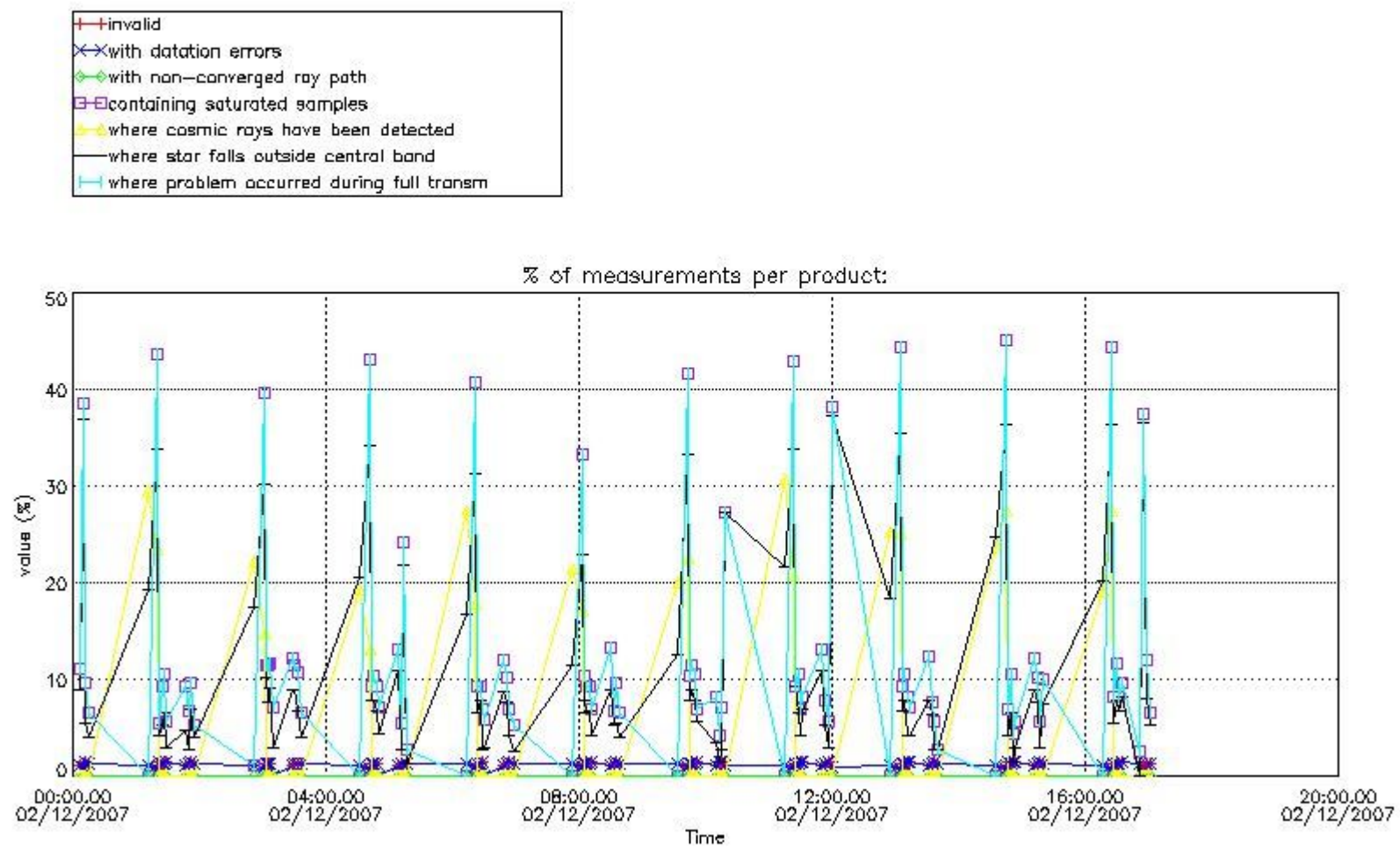
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

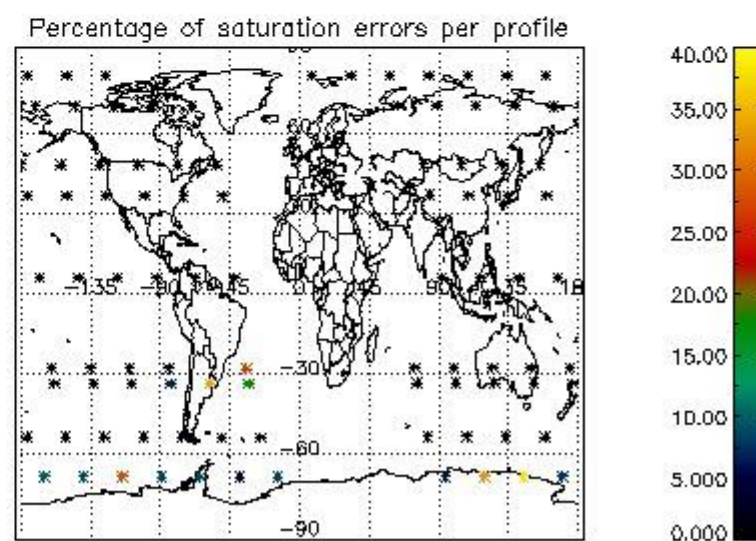
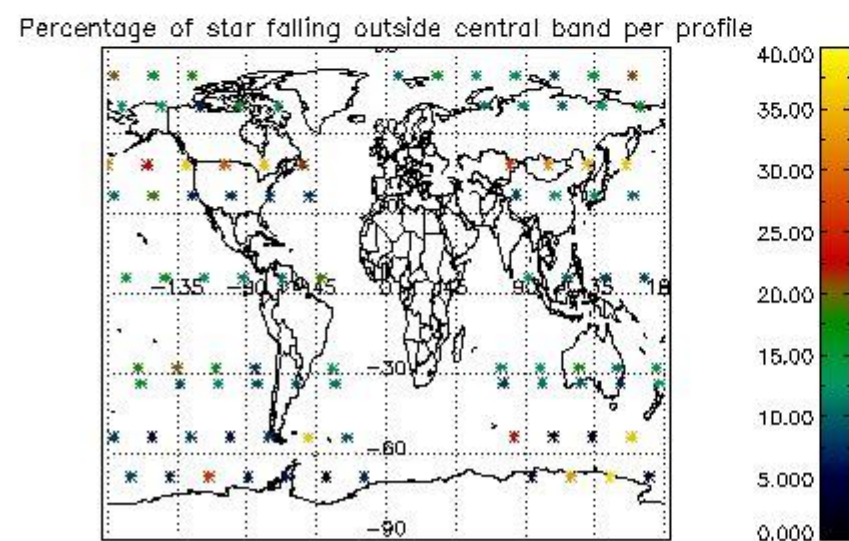
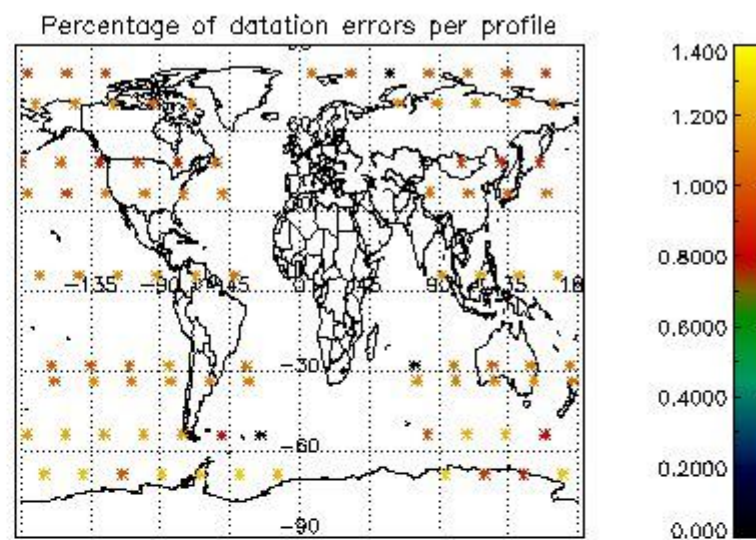
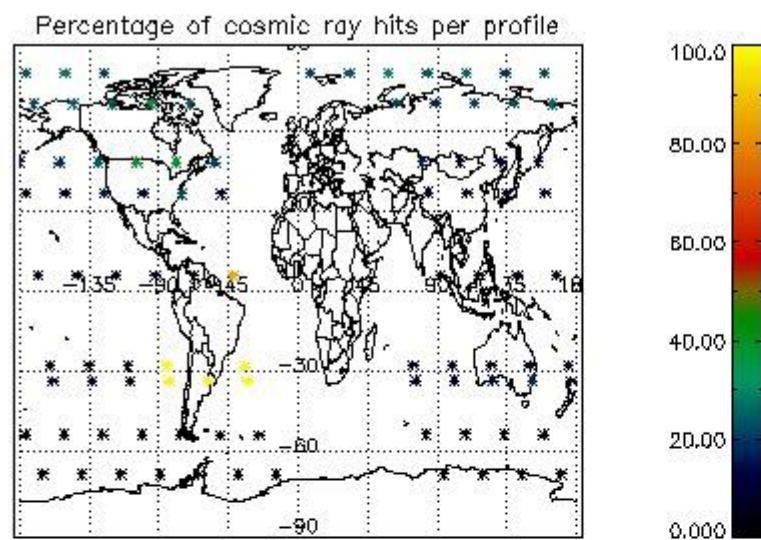


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

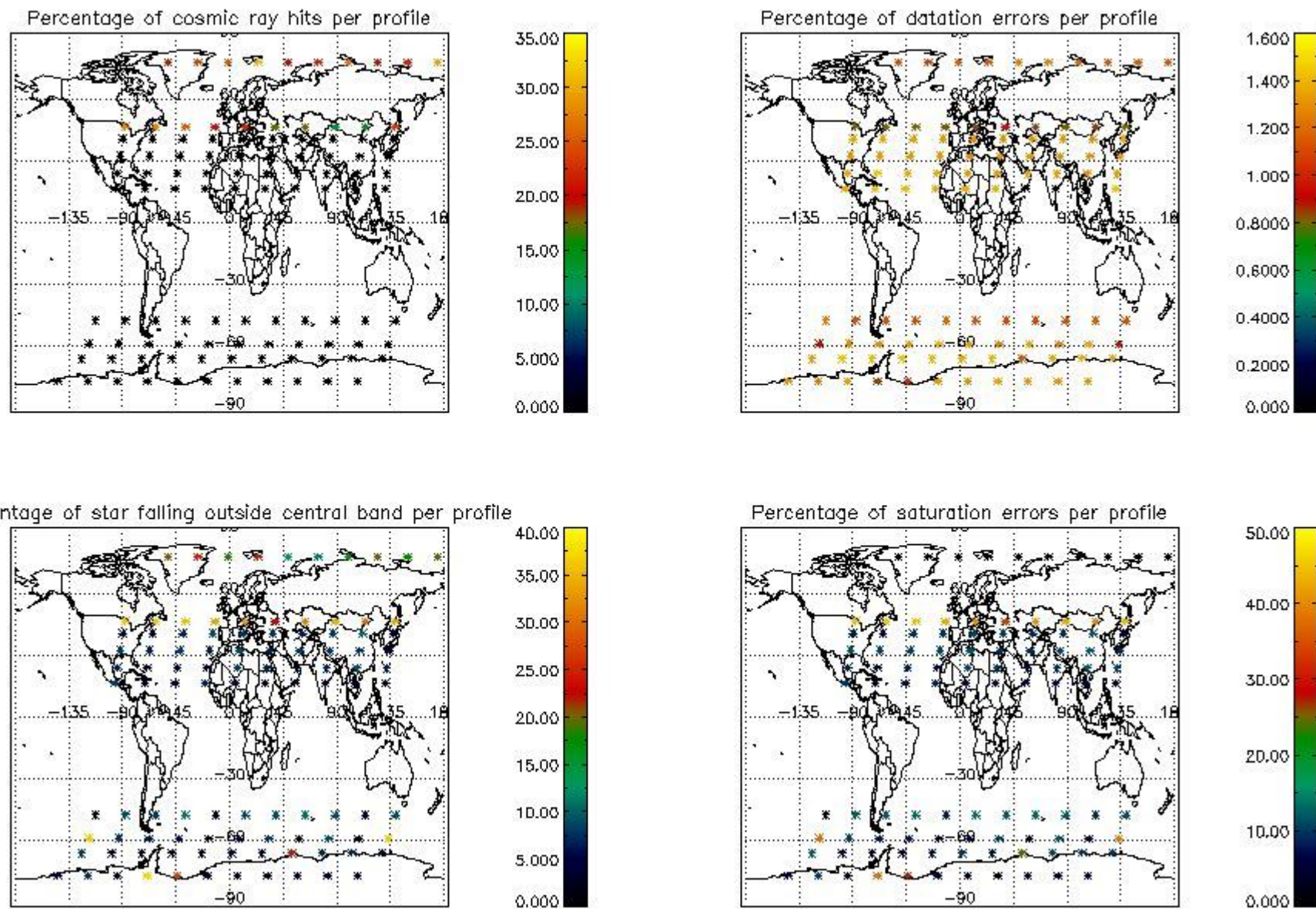


4.2 Plot quality information per product coming from level 1b processing (world map)

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

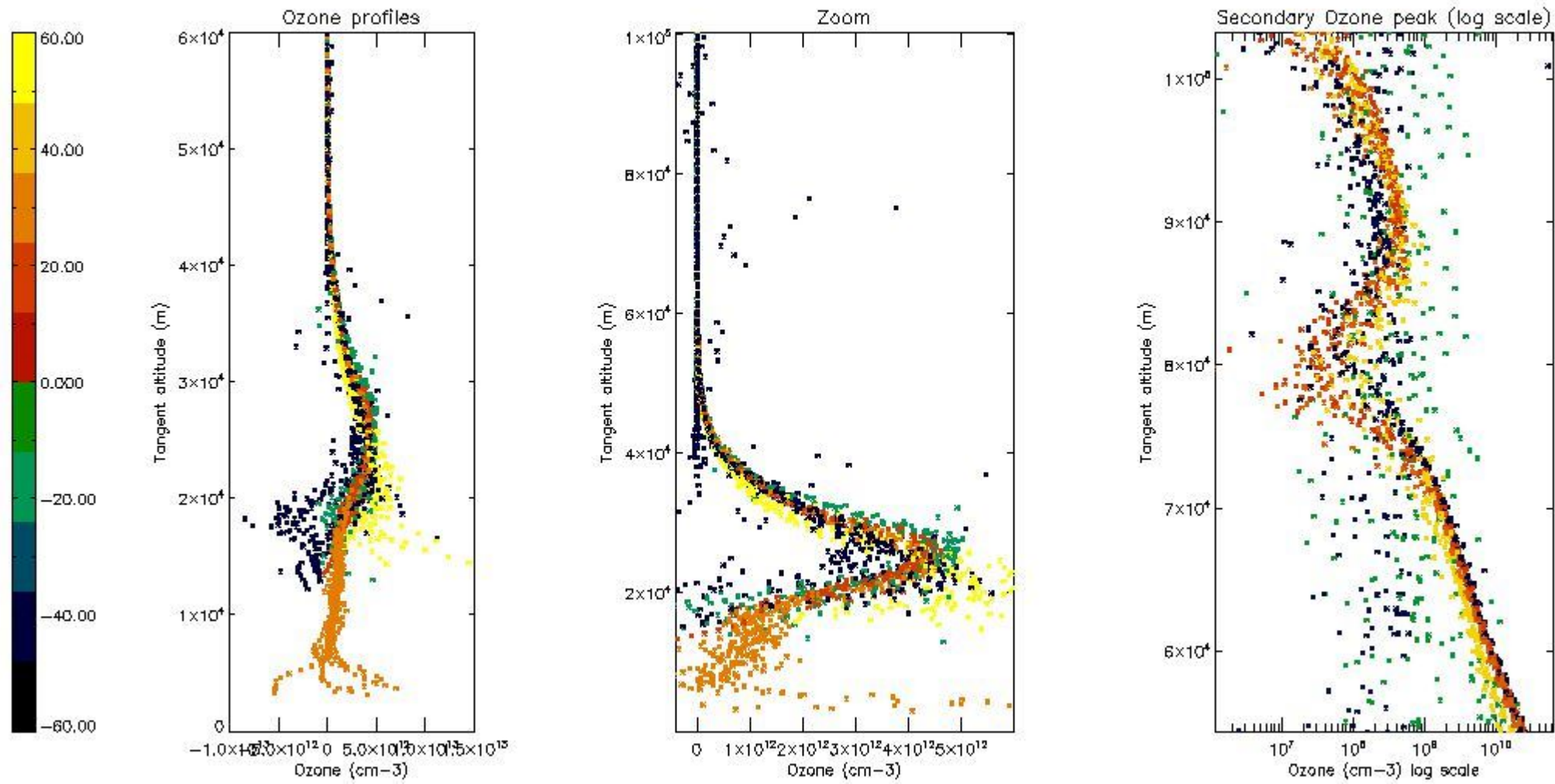
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	33
STD < 20	17

STD < 10	13
STD < 5	9

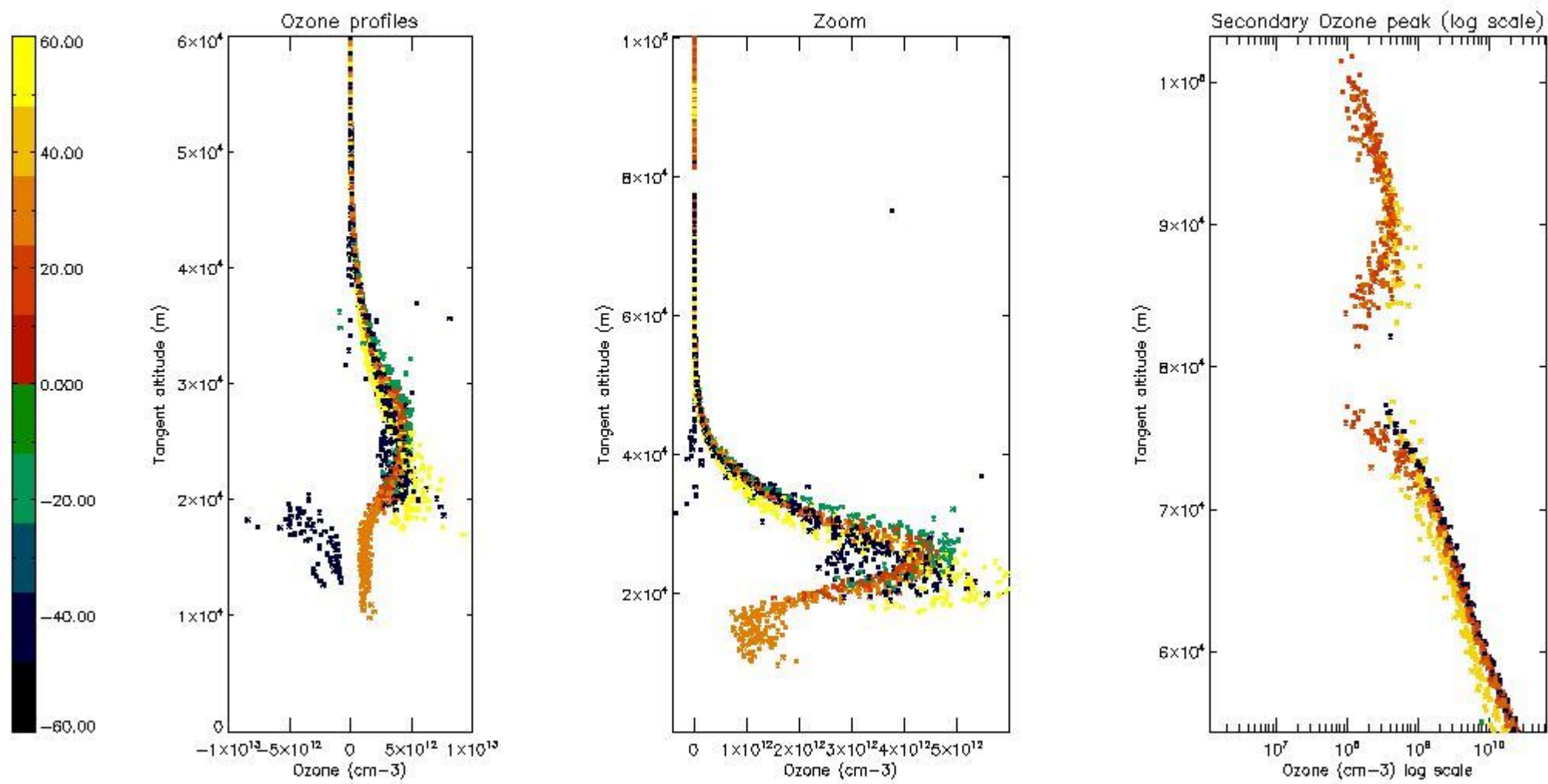
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



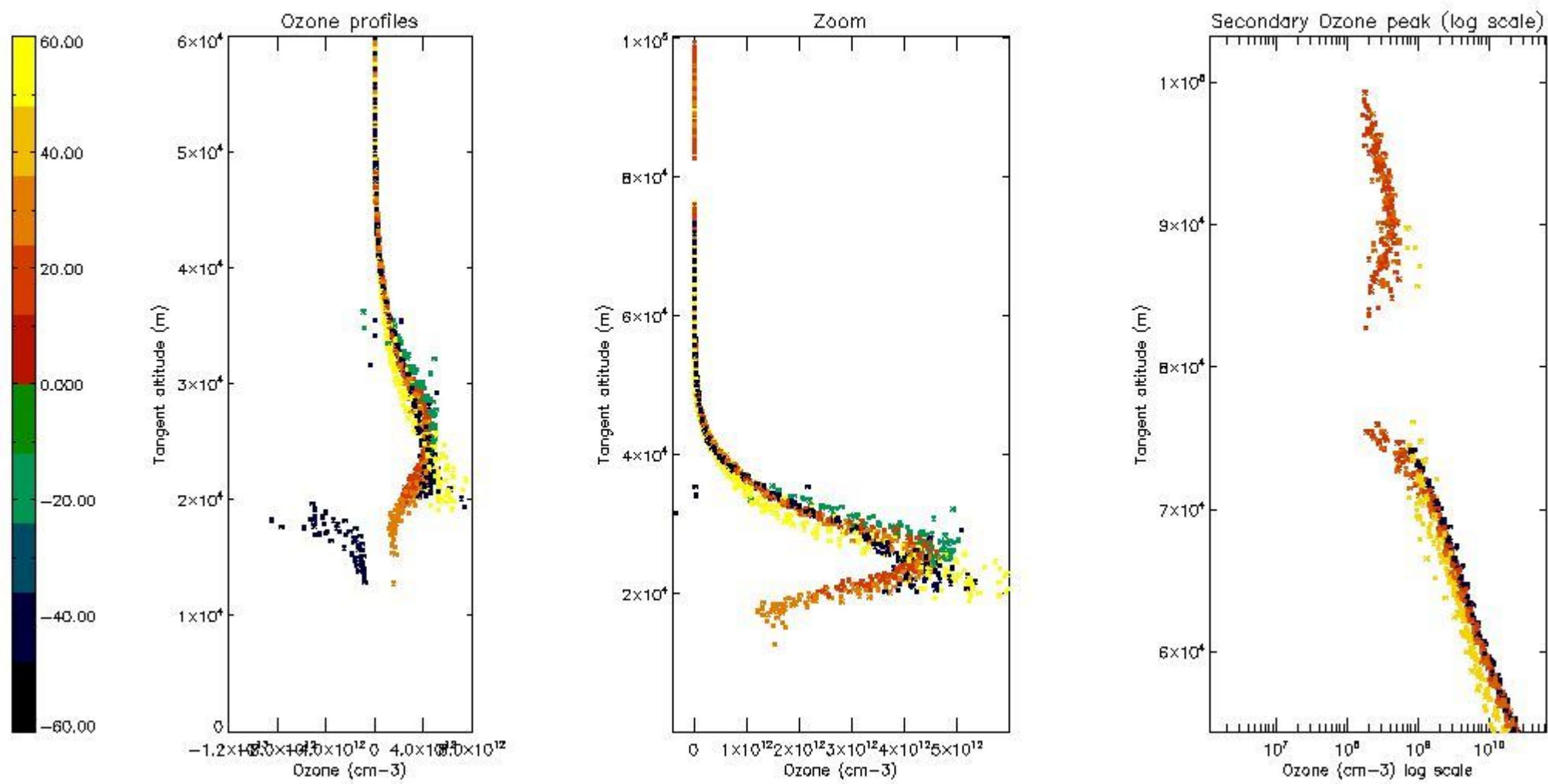
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



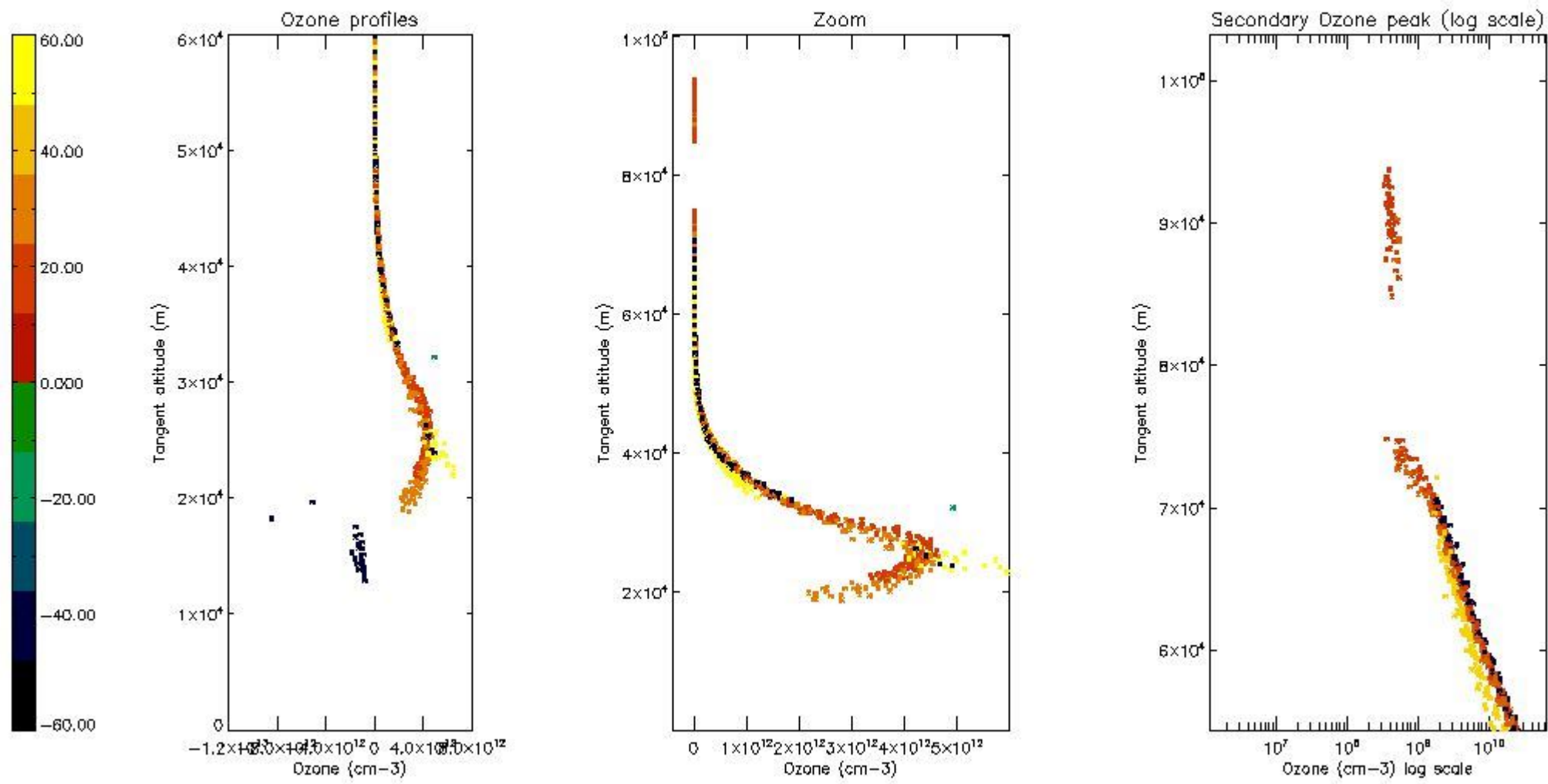
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



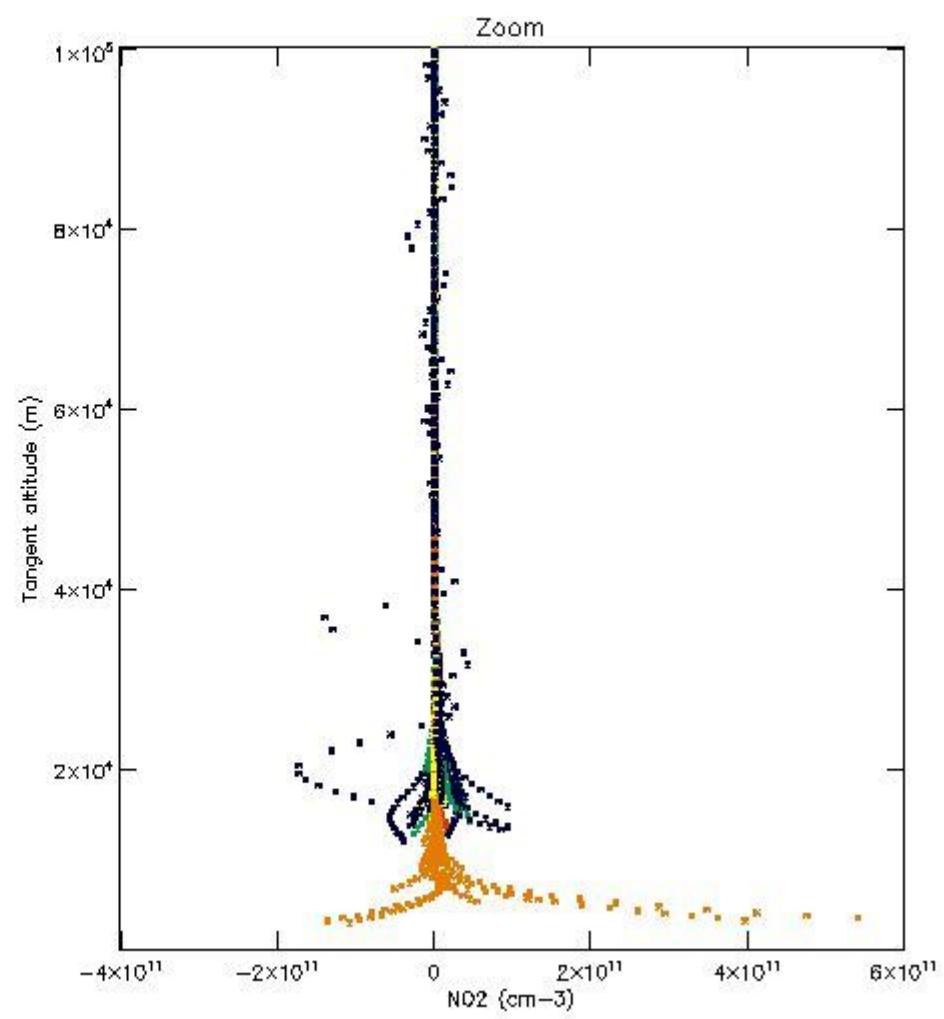
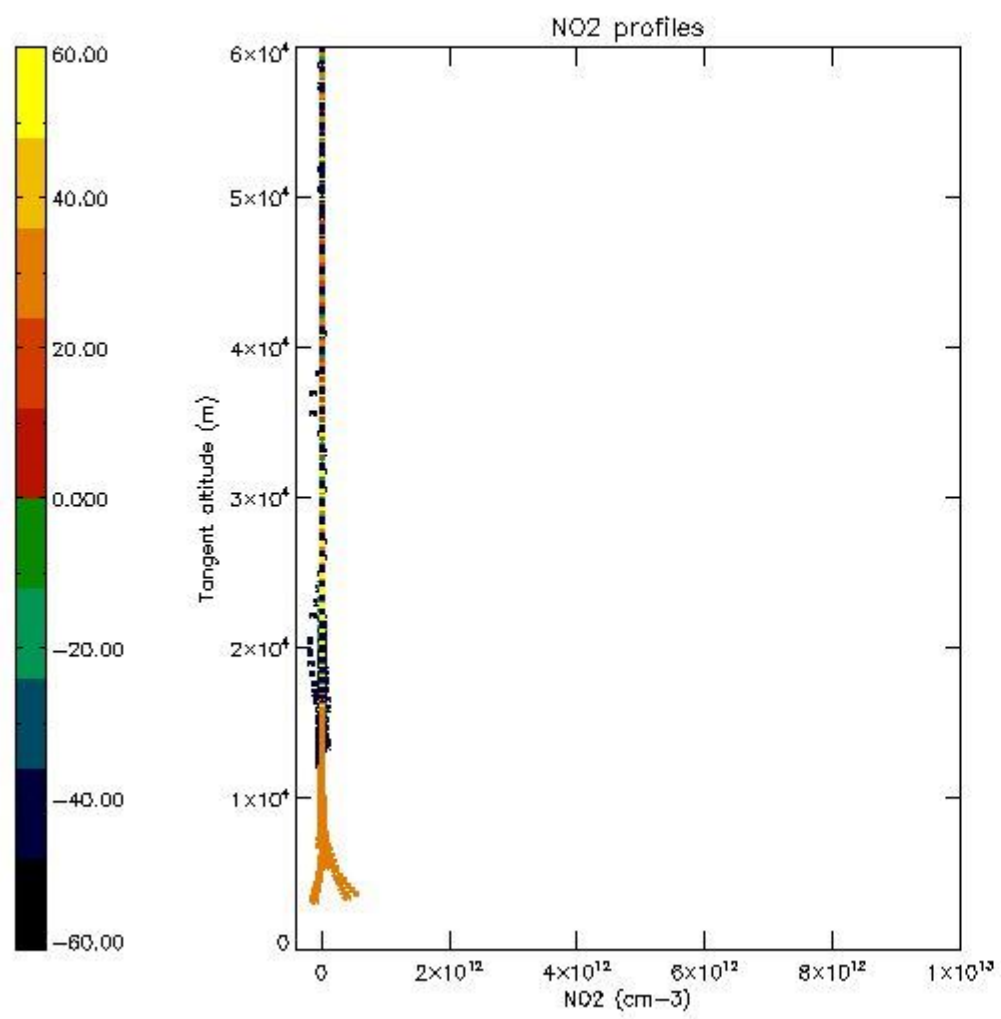
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



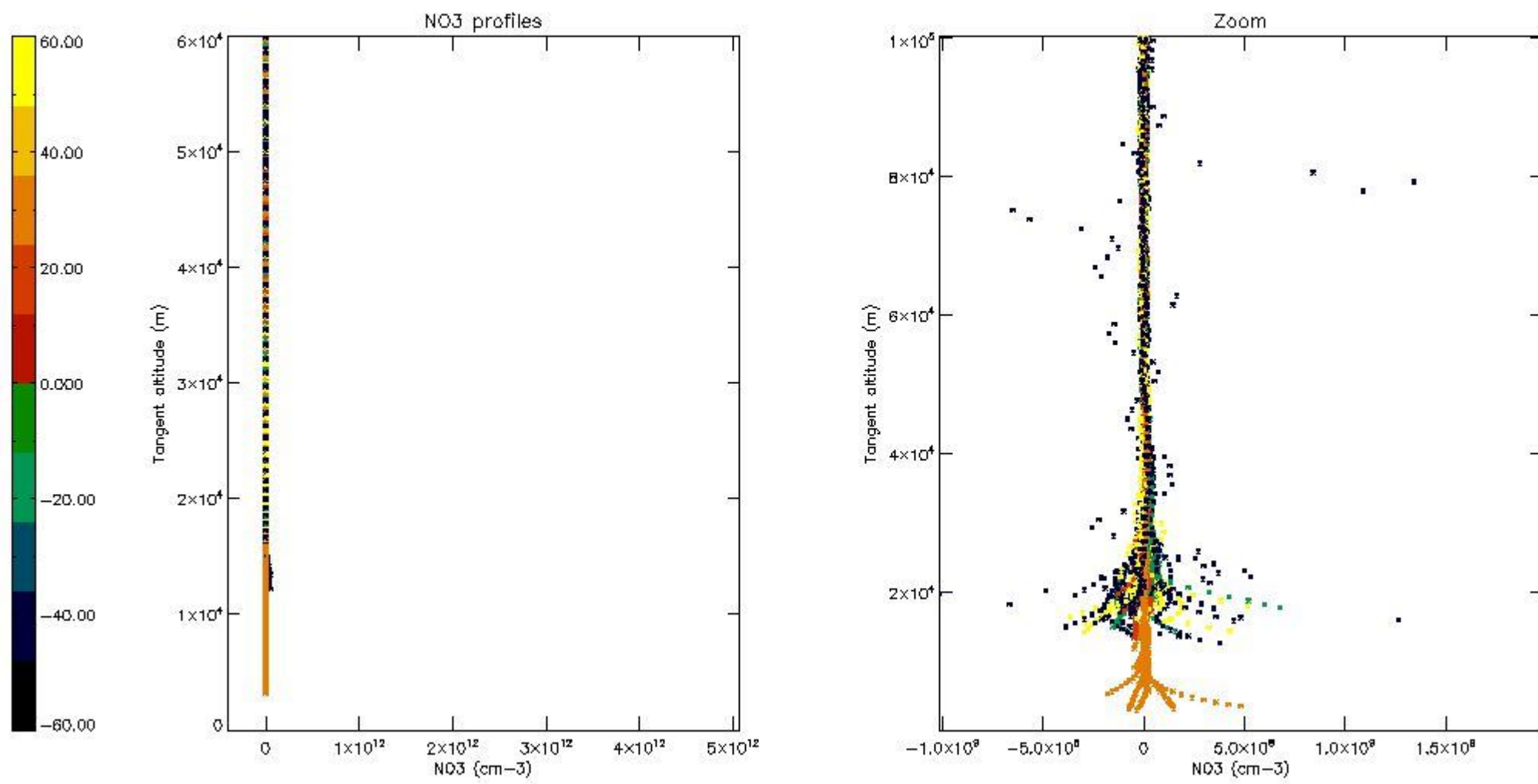
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



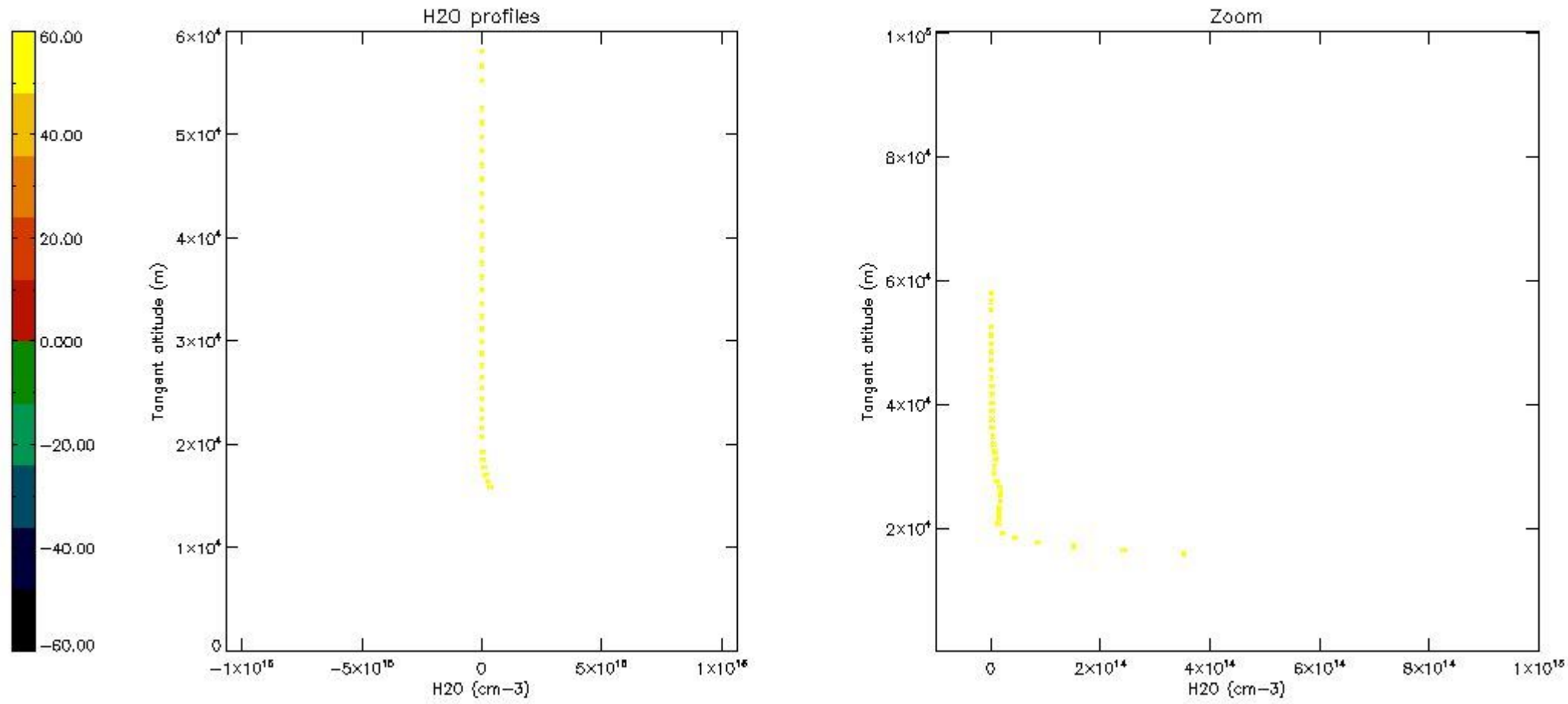
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

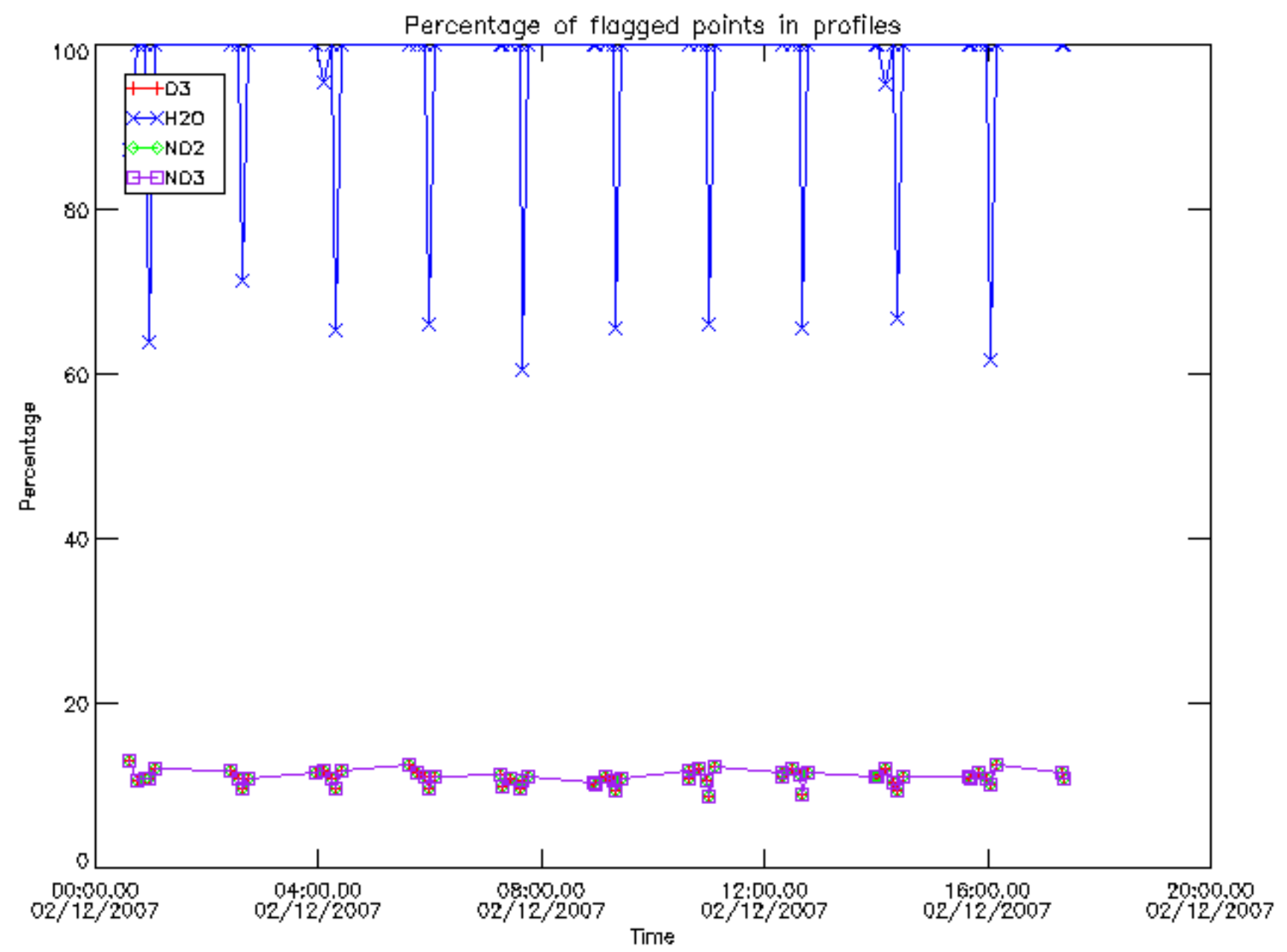
The colorbar represents the latitude.



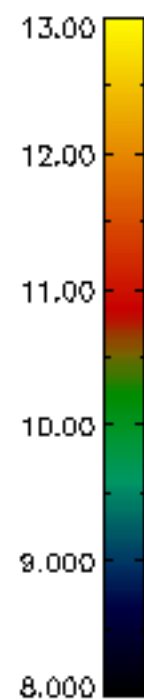
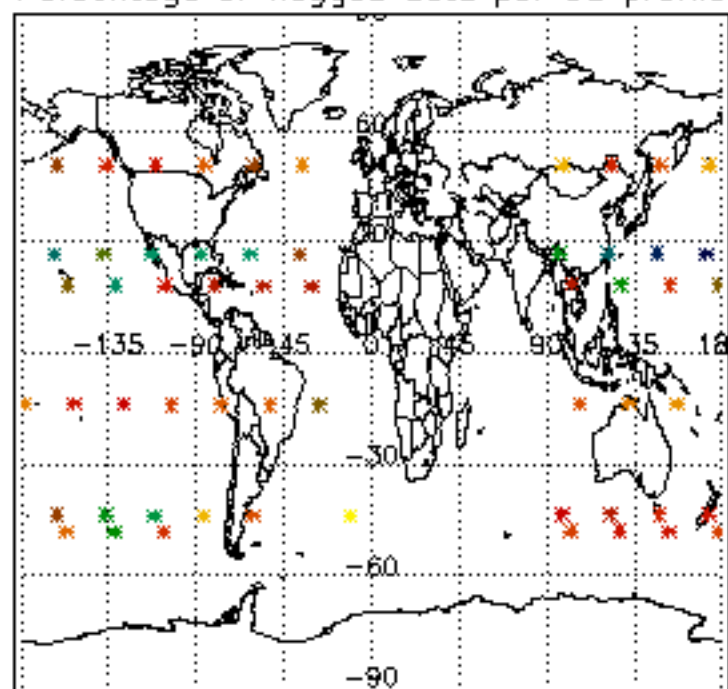
6. Auxiliary Data Files used for the production reported in section 2

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.

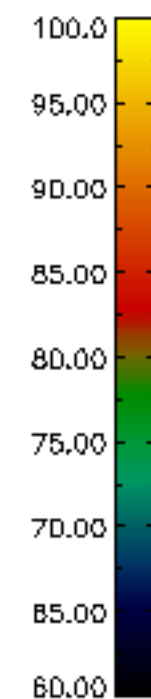
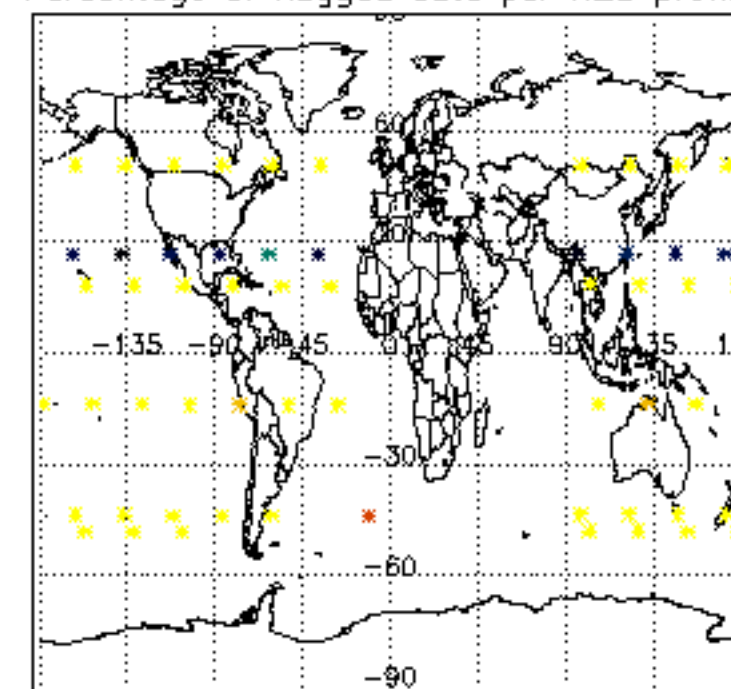
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	02-DEC-2007 00:06:21
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-DEC-2007 00:06:21
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-DEC-2007 00:06:21



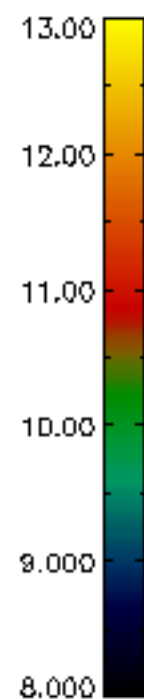
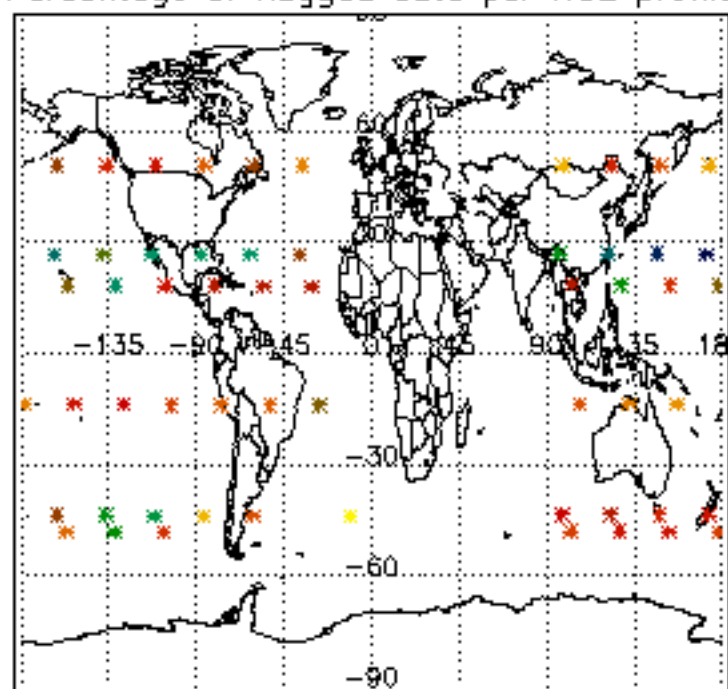
Percentage of flagged data per D3 profile



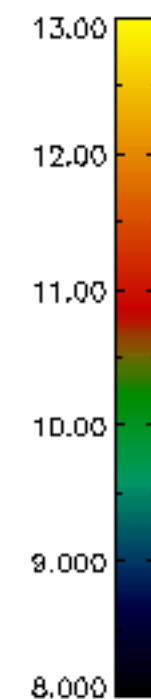
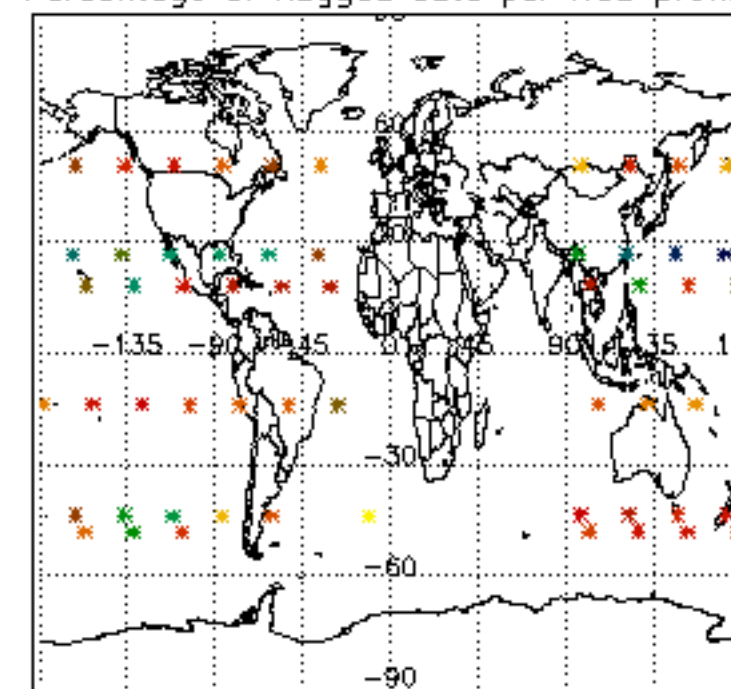
Percentage of flagged data per H2O profile

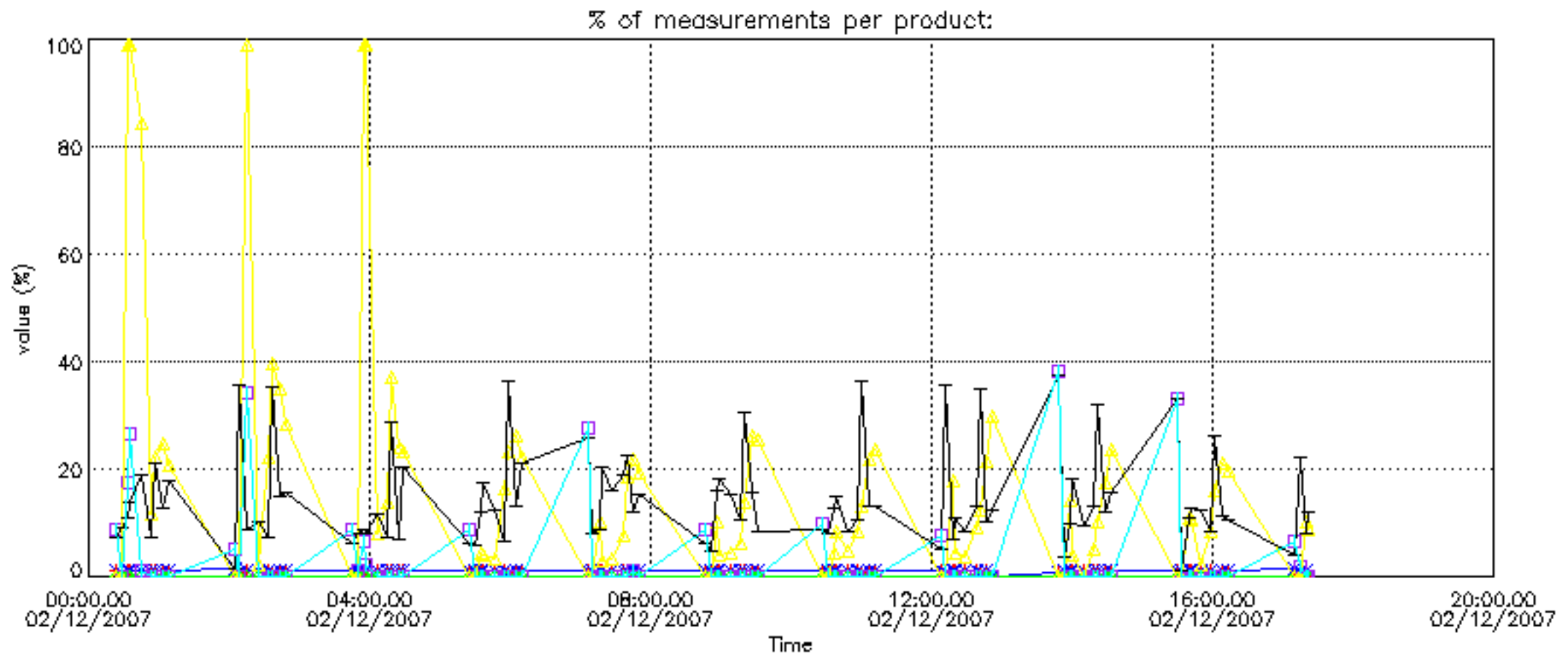


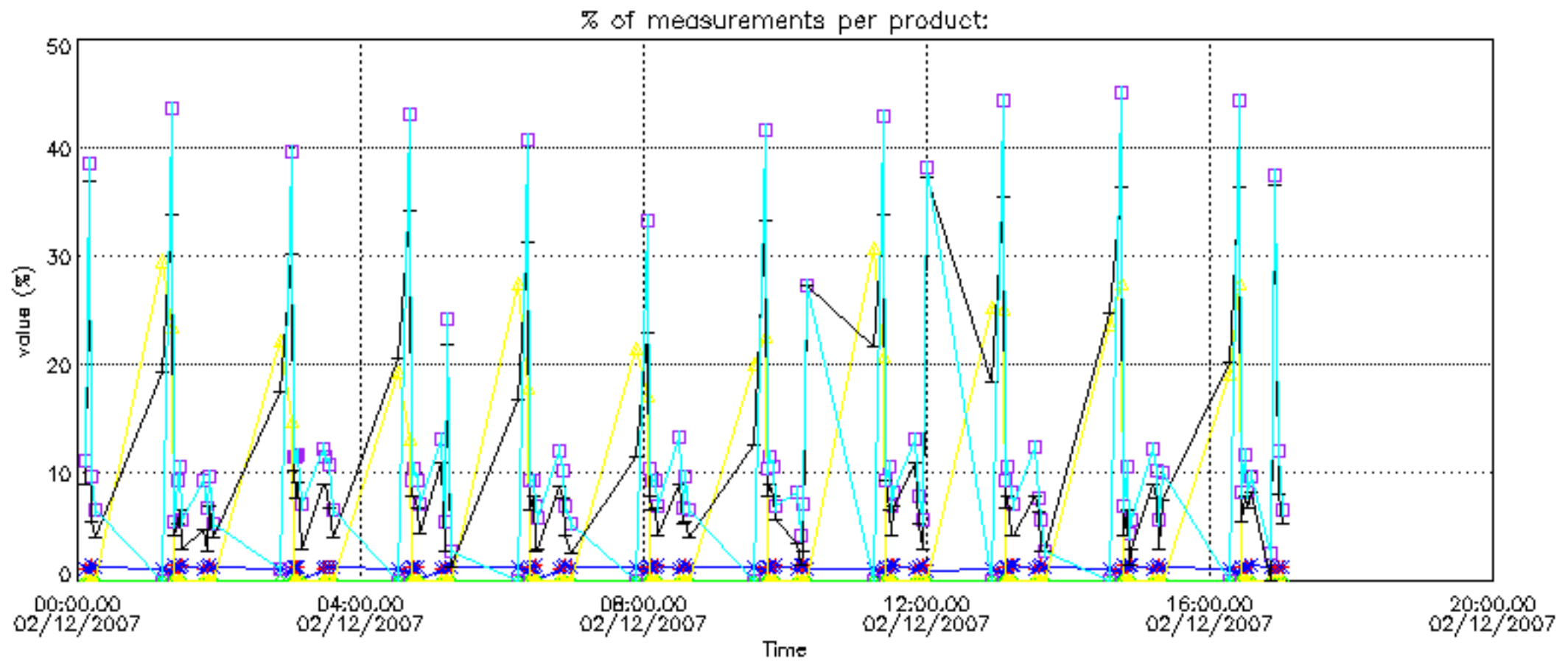
Percentage of flagged data per NO2 profile



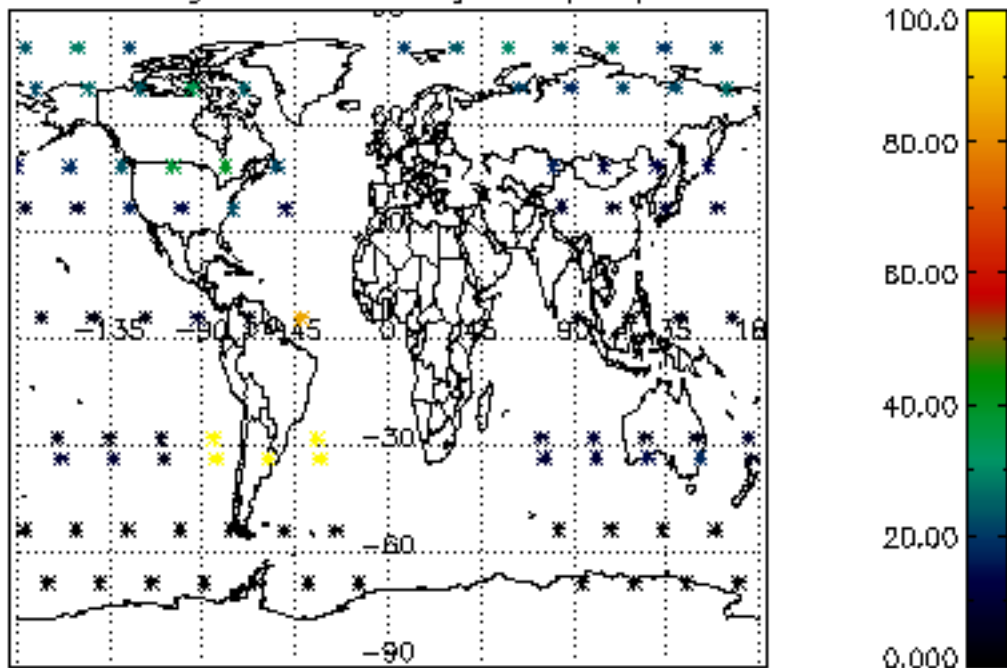
Percentage of flagged data per NO3 profile



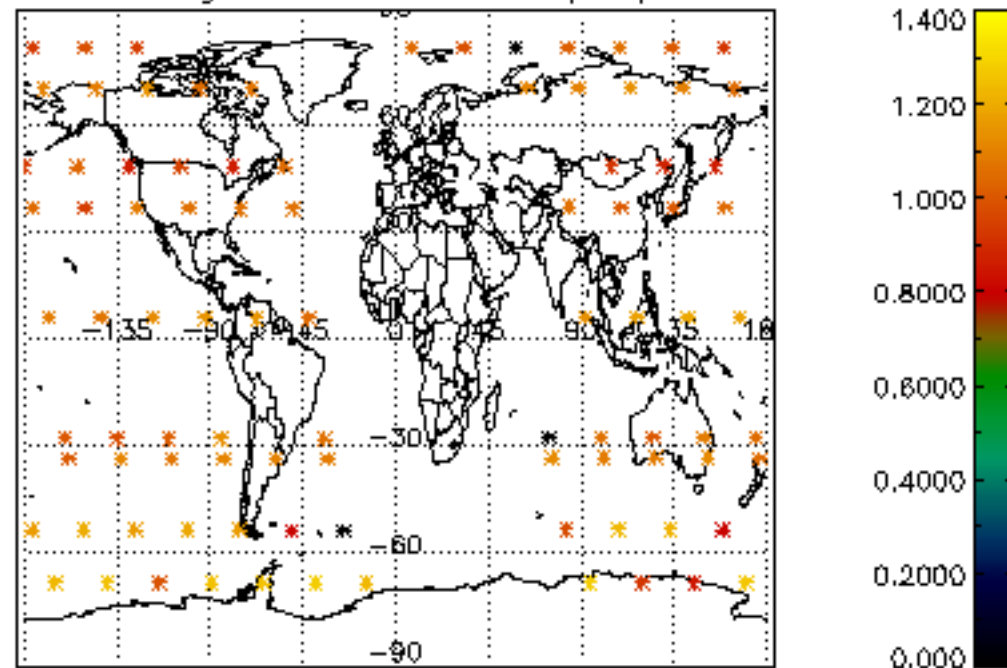




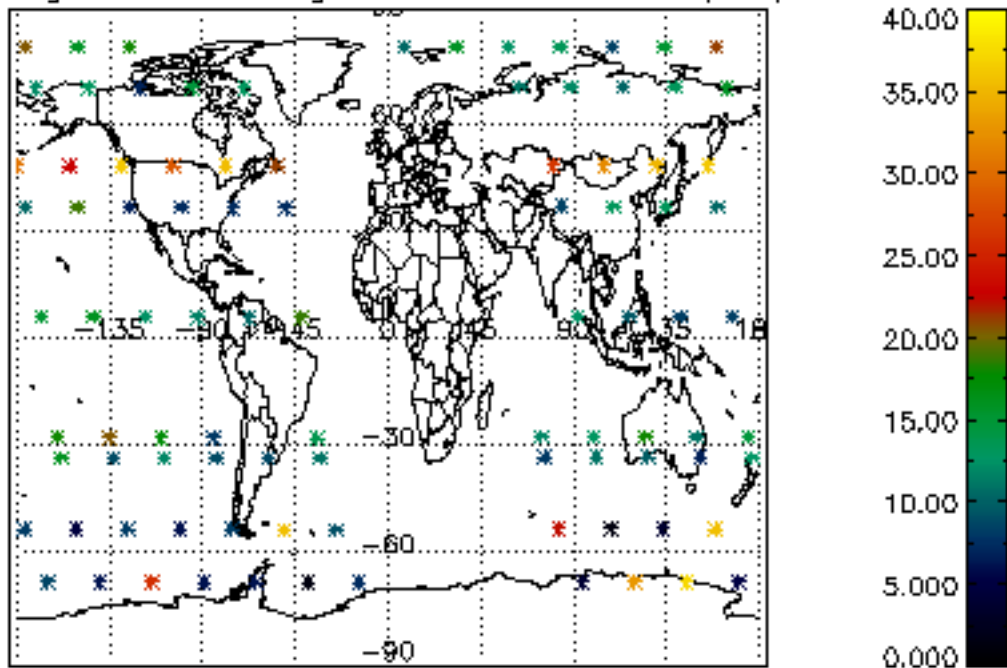
Percentage of cosmic ray hits per profile



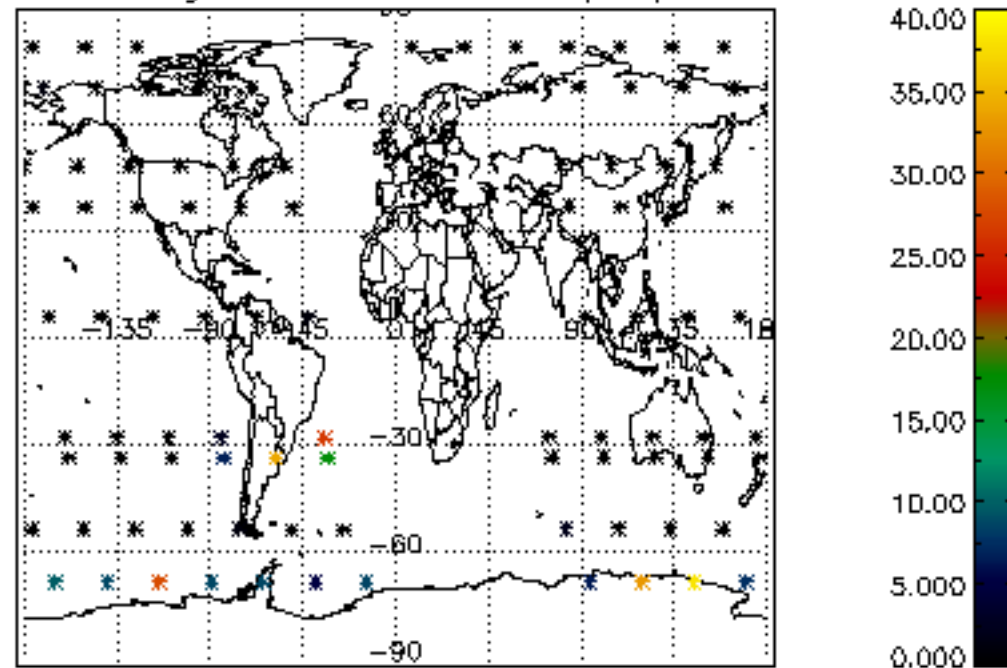
Percentage of datation errors per profile



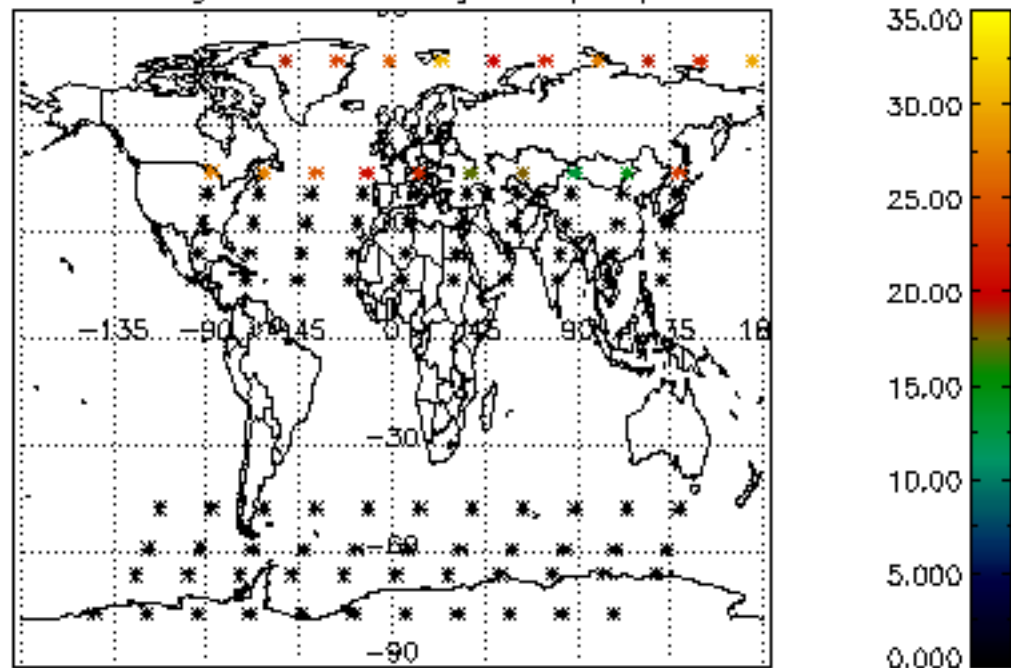
Percentage of star falling outside central band per profile



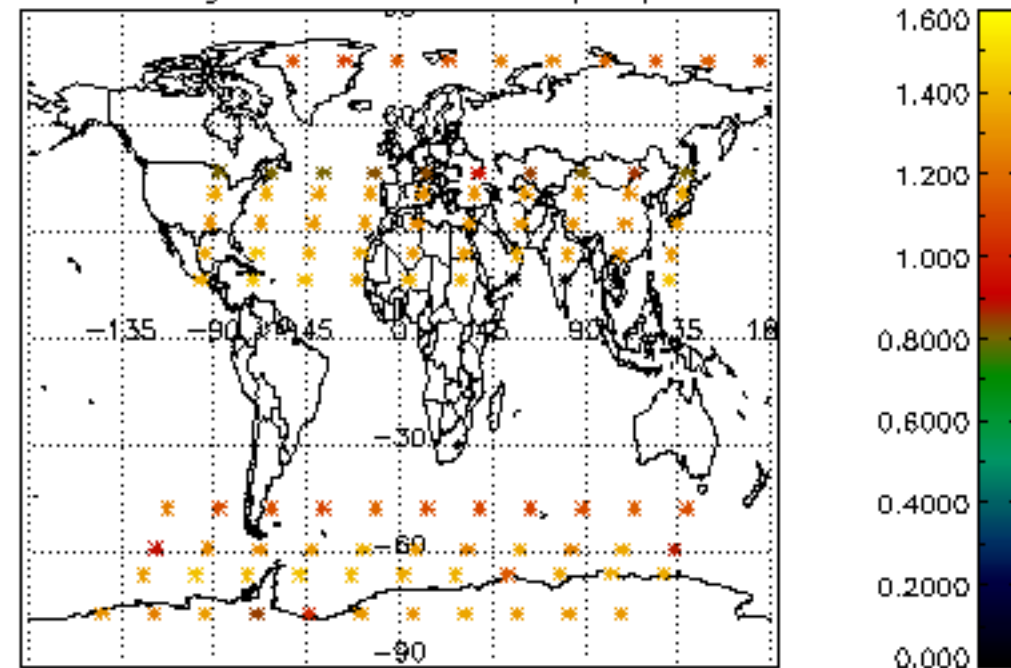
Percentage of saturation errors per profile



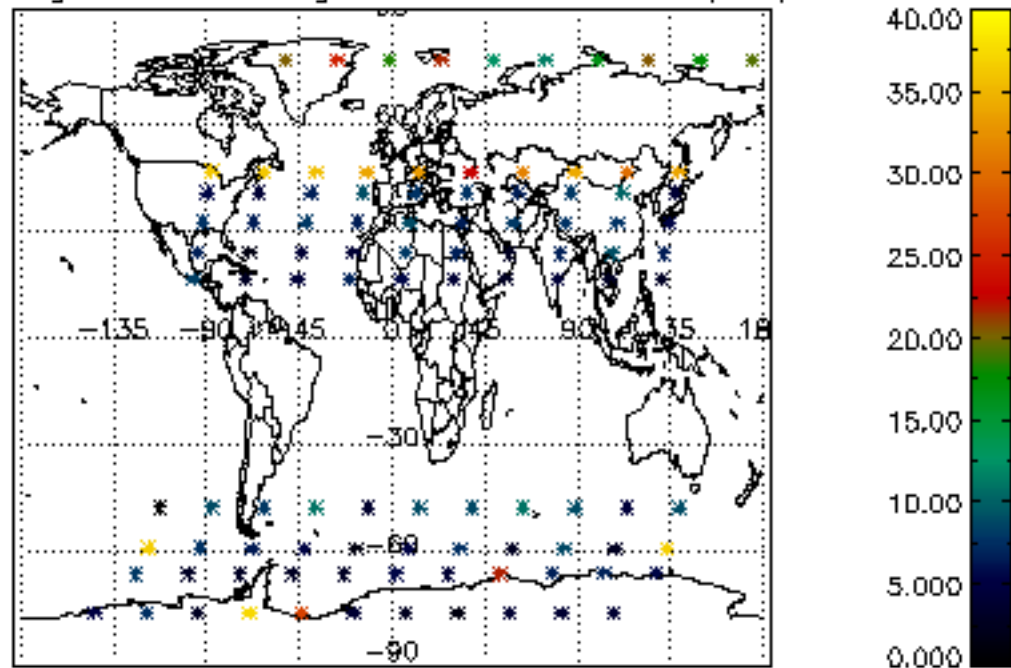
Percentage of cosmic ray hits per profile



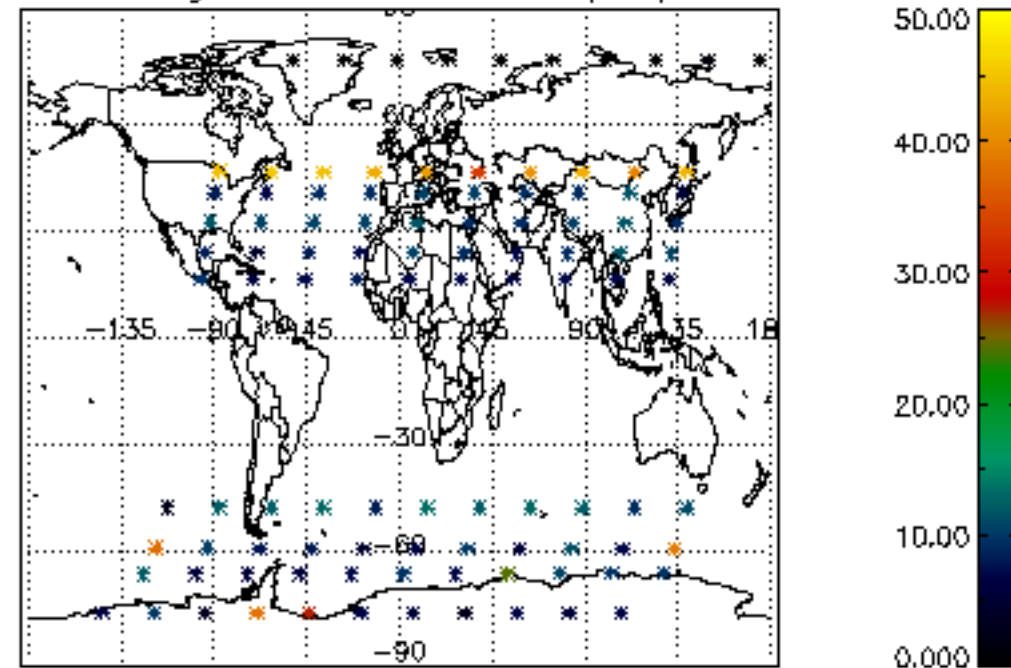
Percentage of datation errors per profile

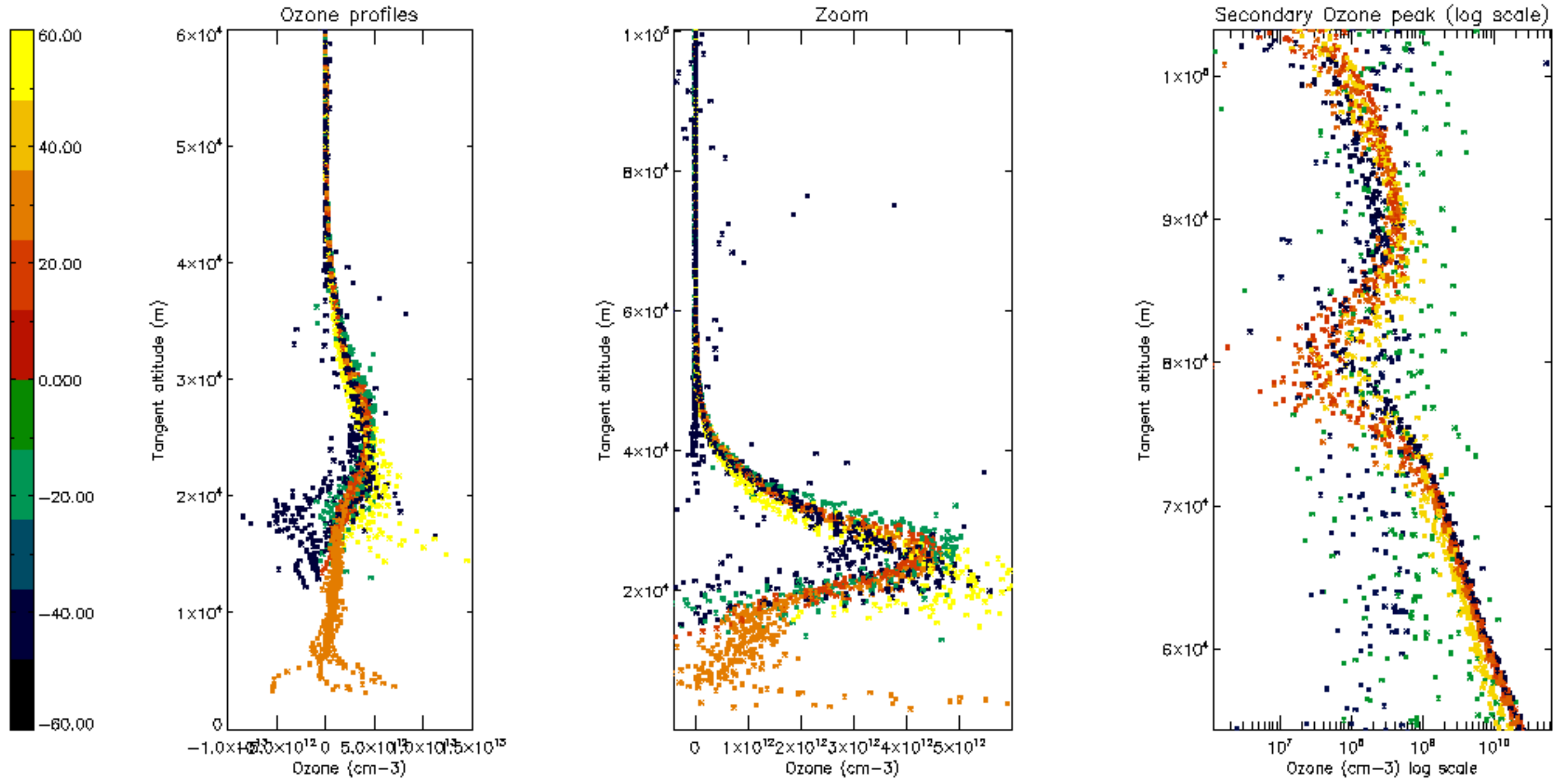


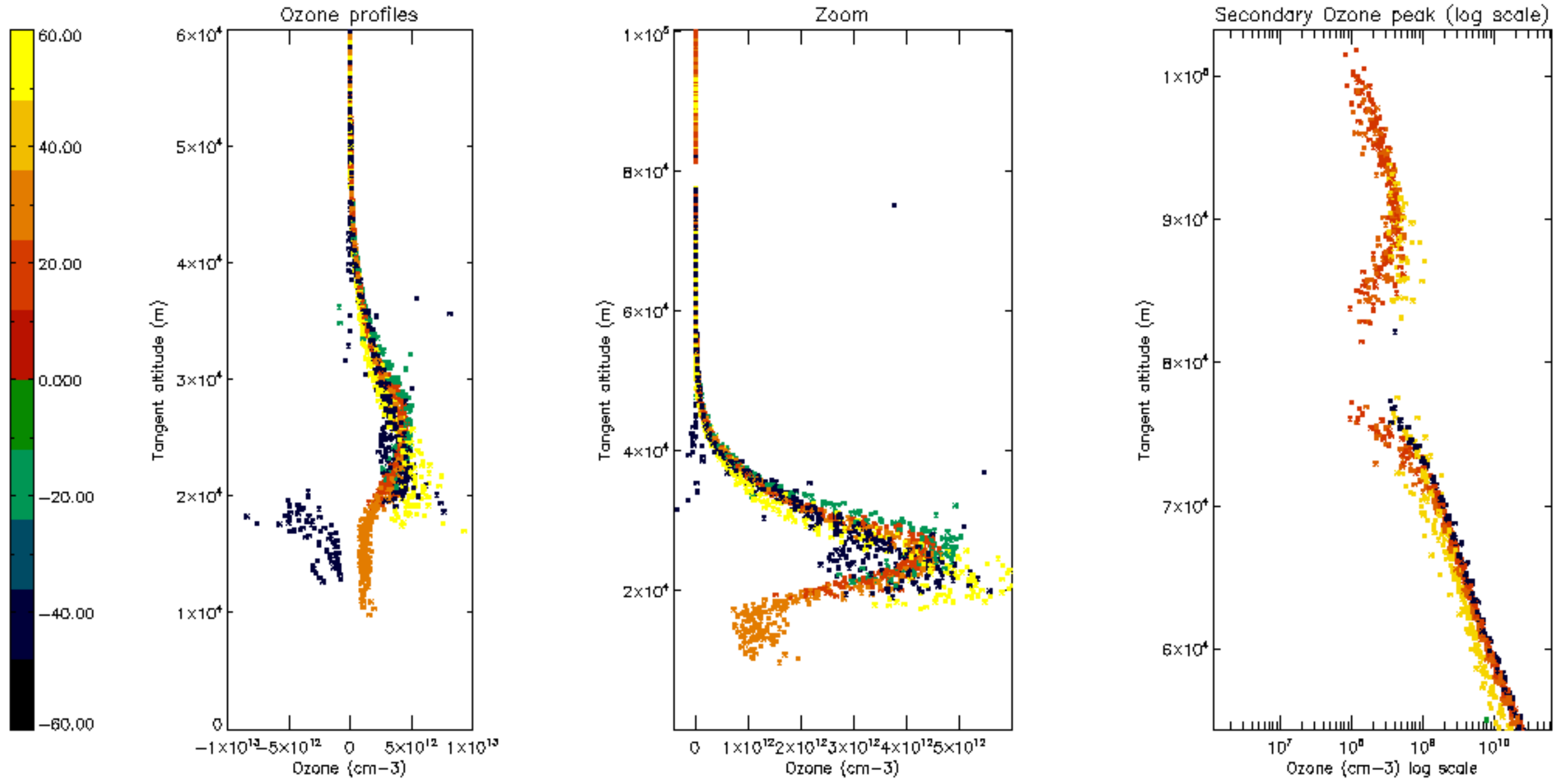
Percentage of star falling outside central band per profile

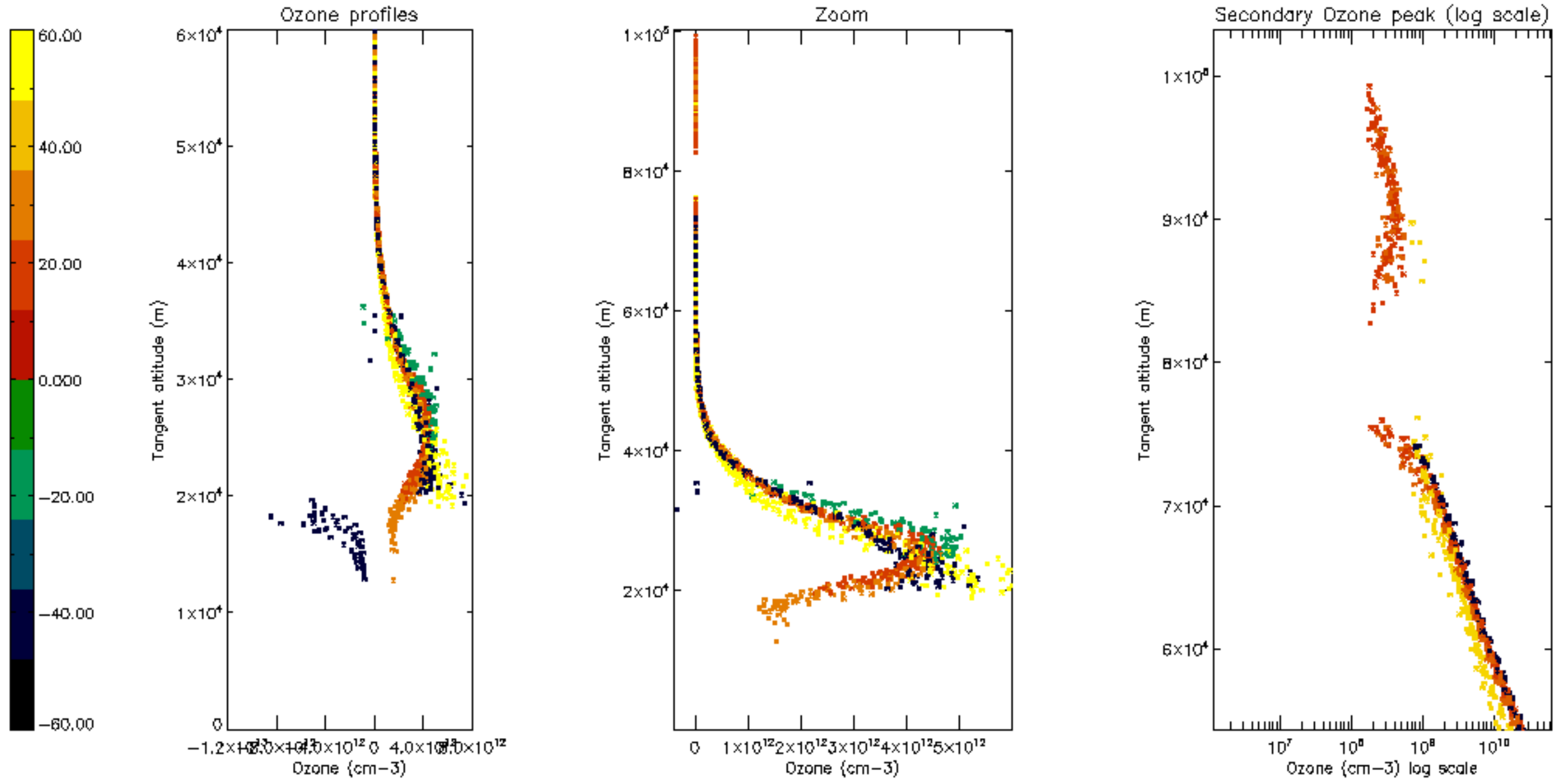


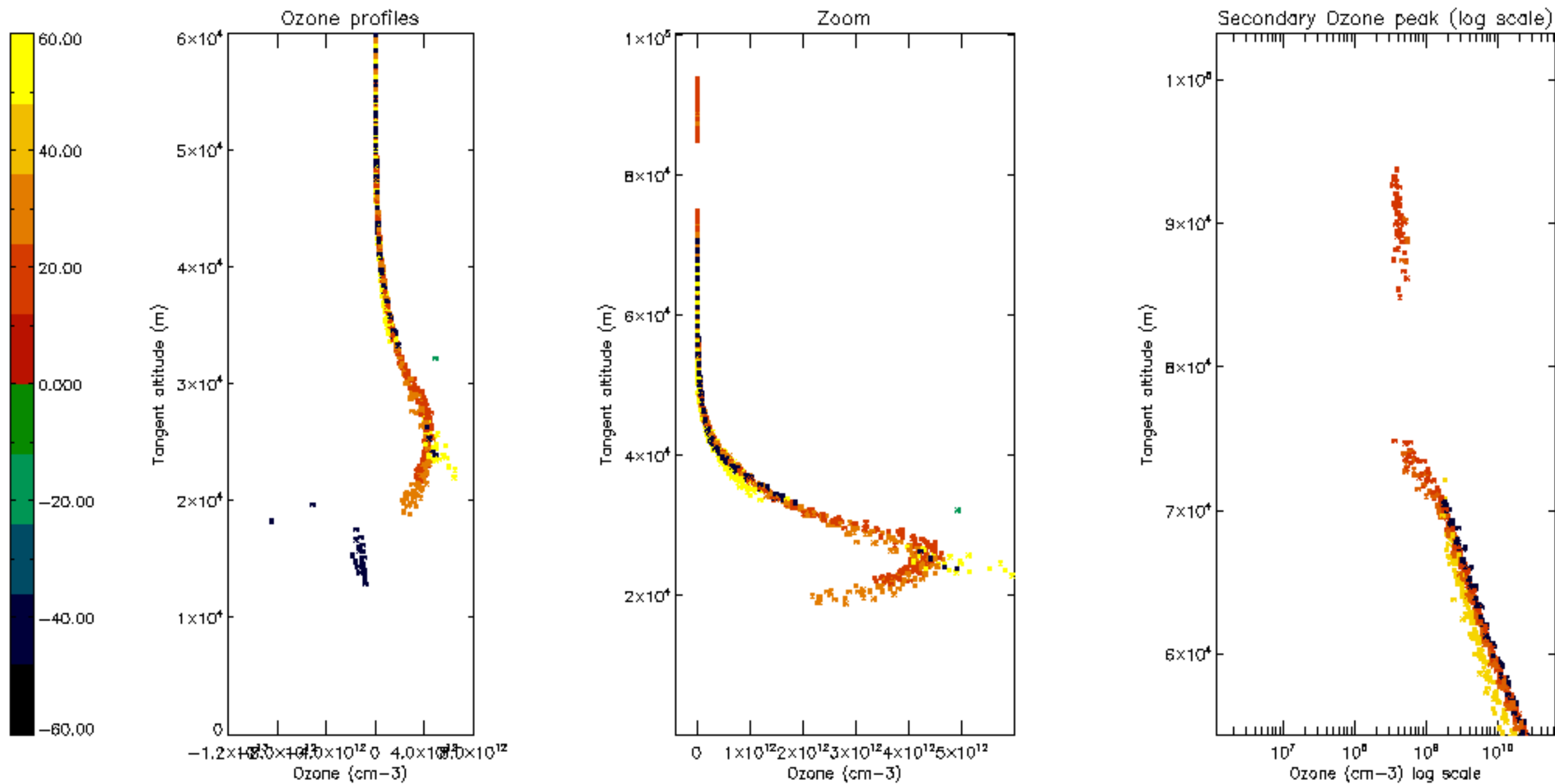
Percentage of saturation errors per profile

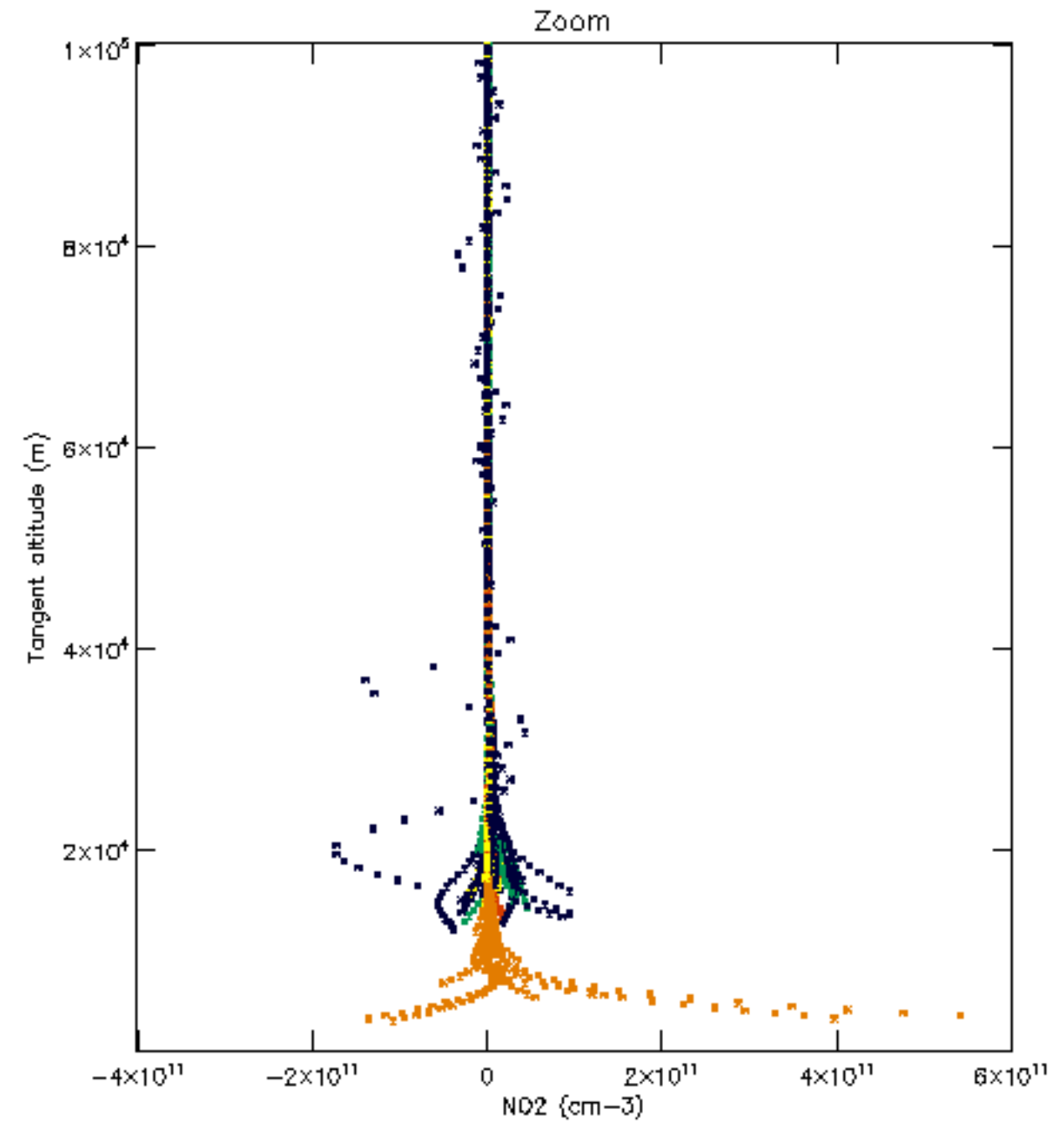
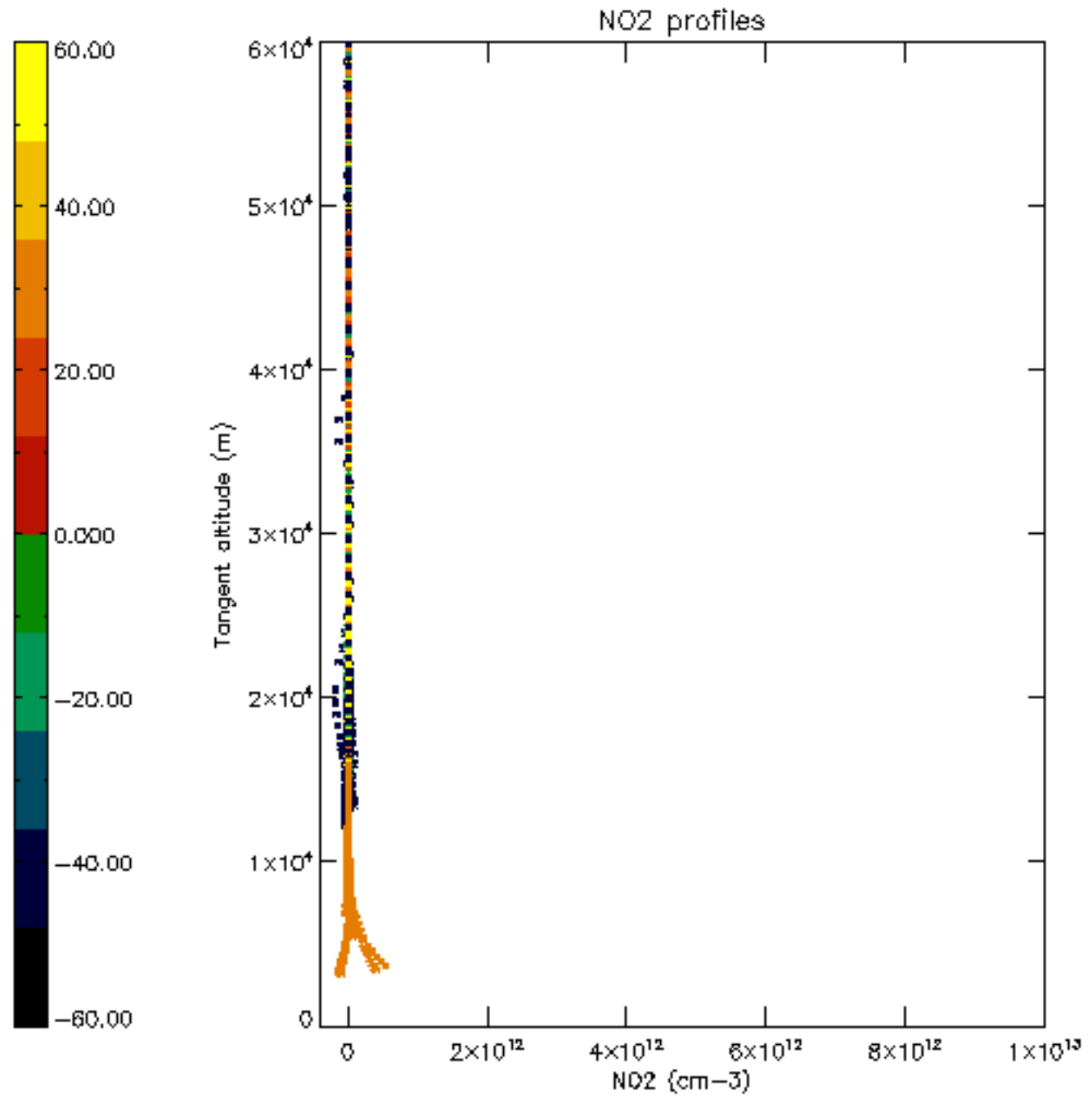


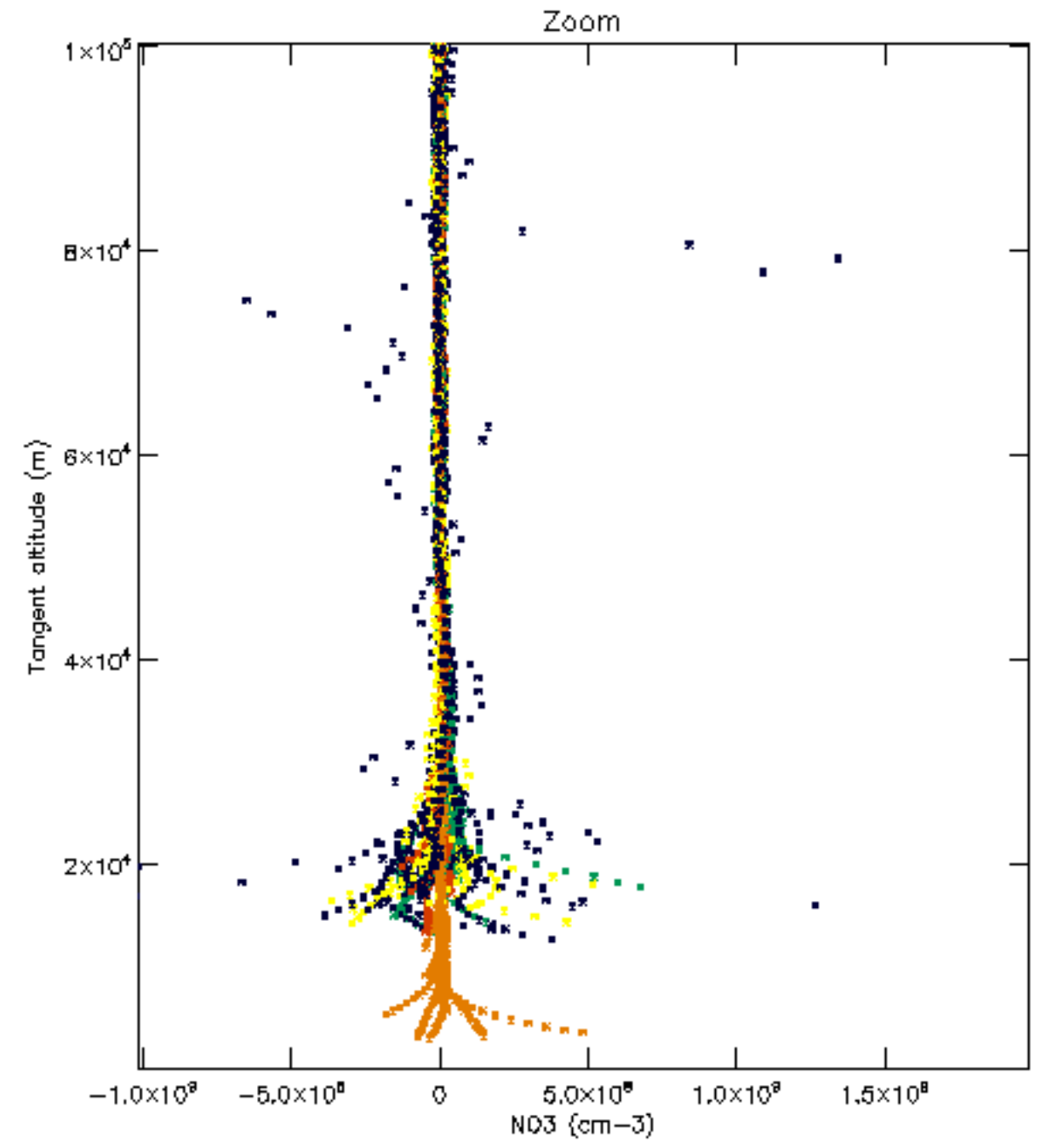
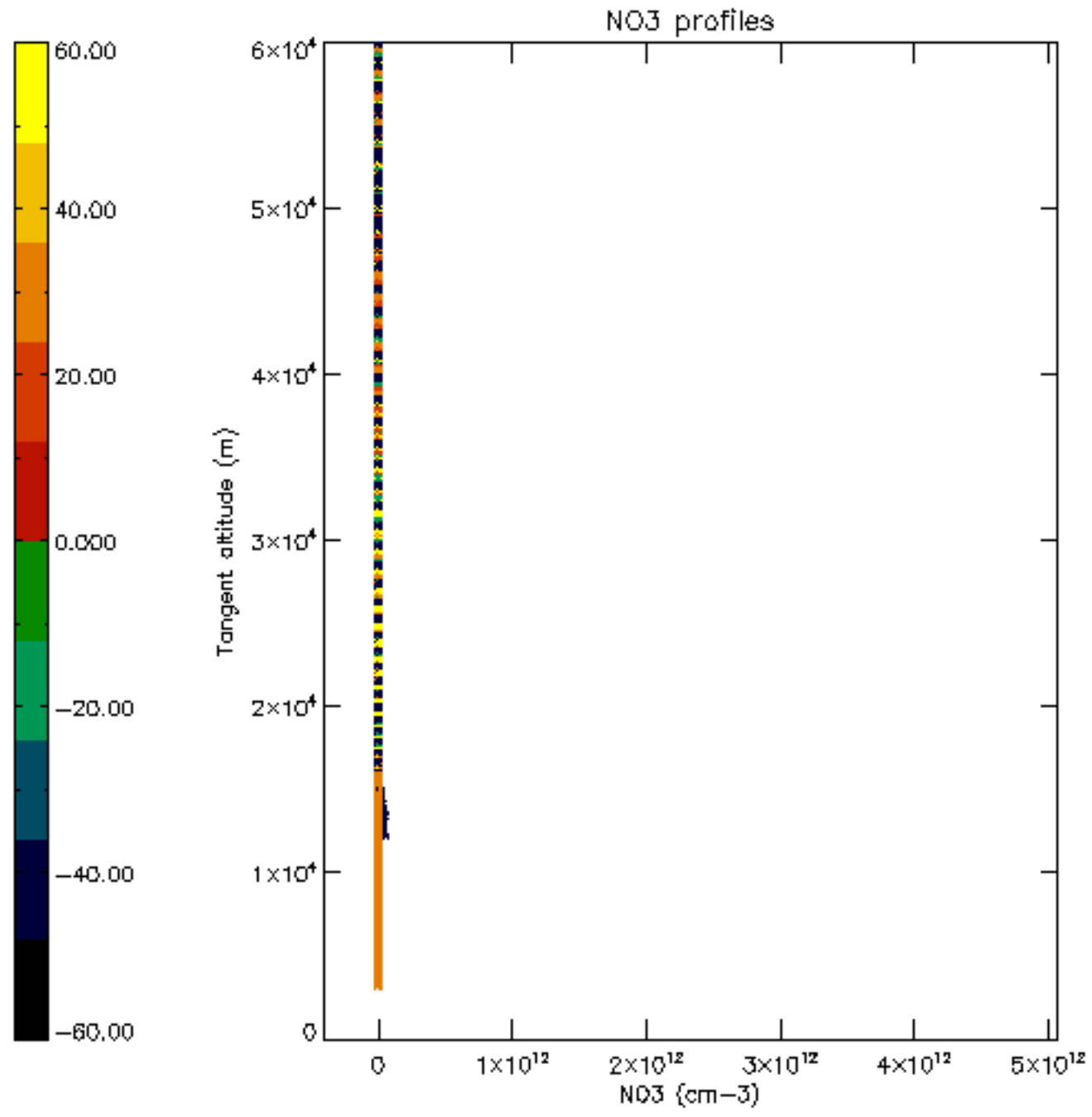


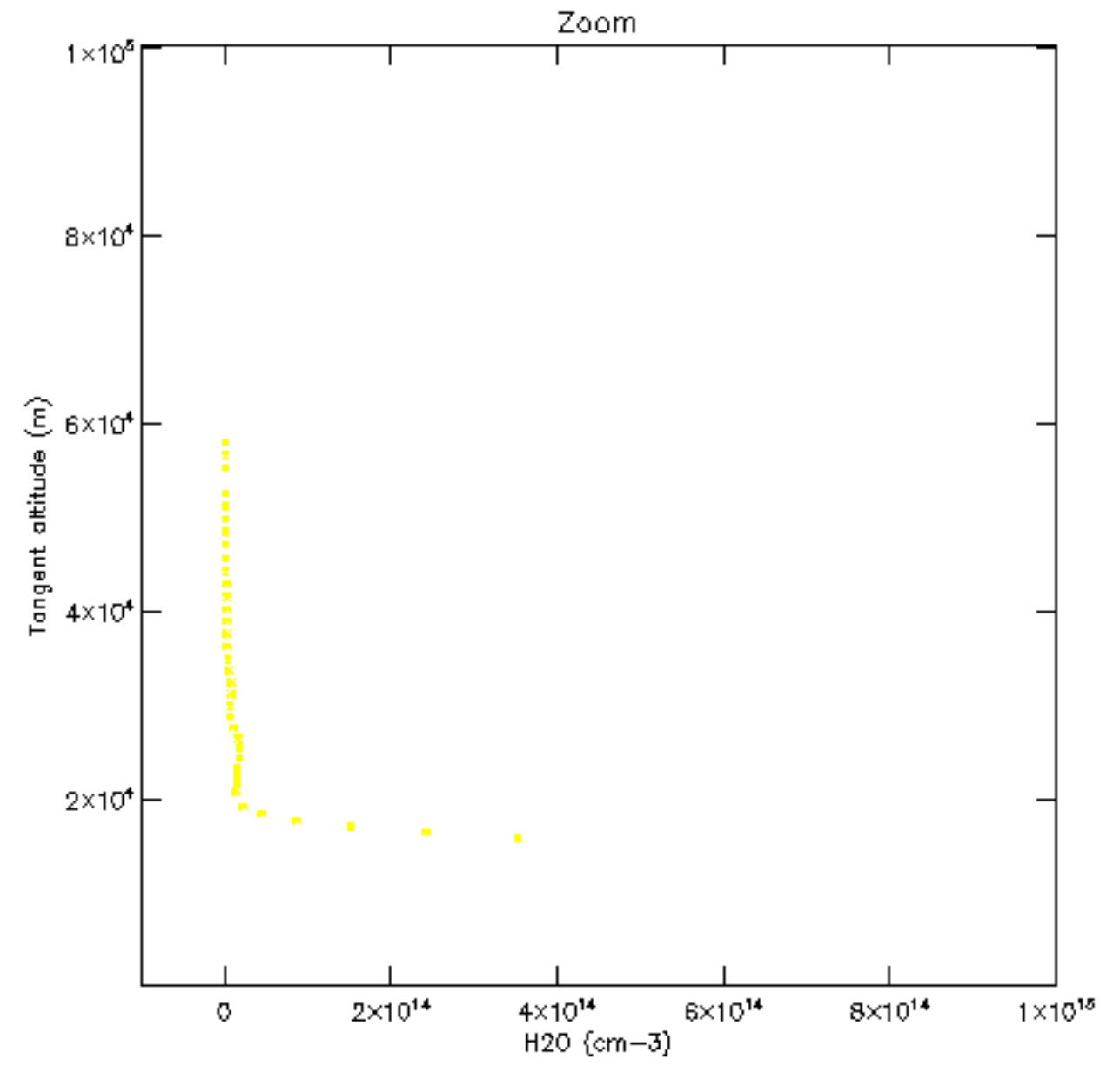
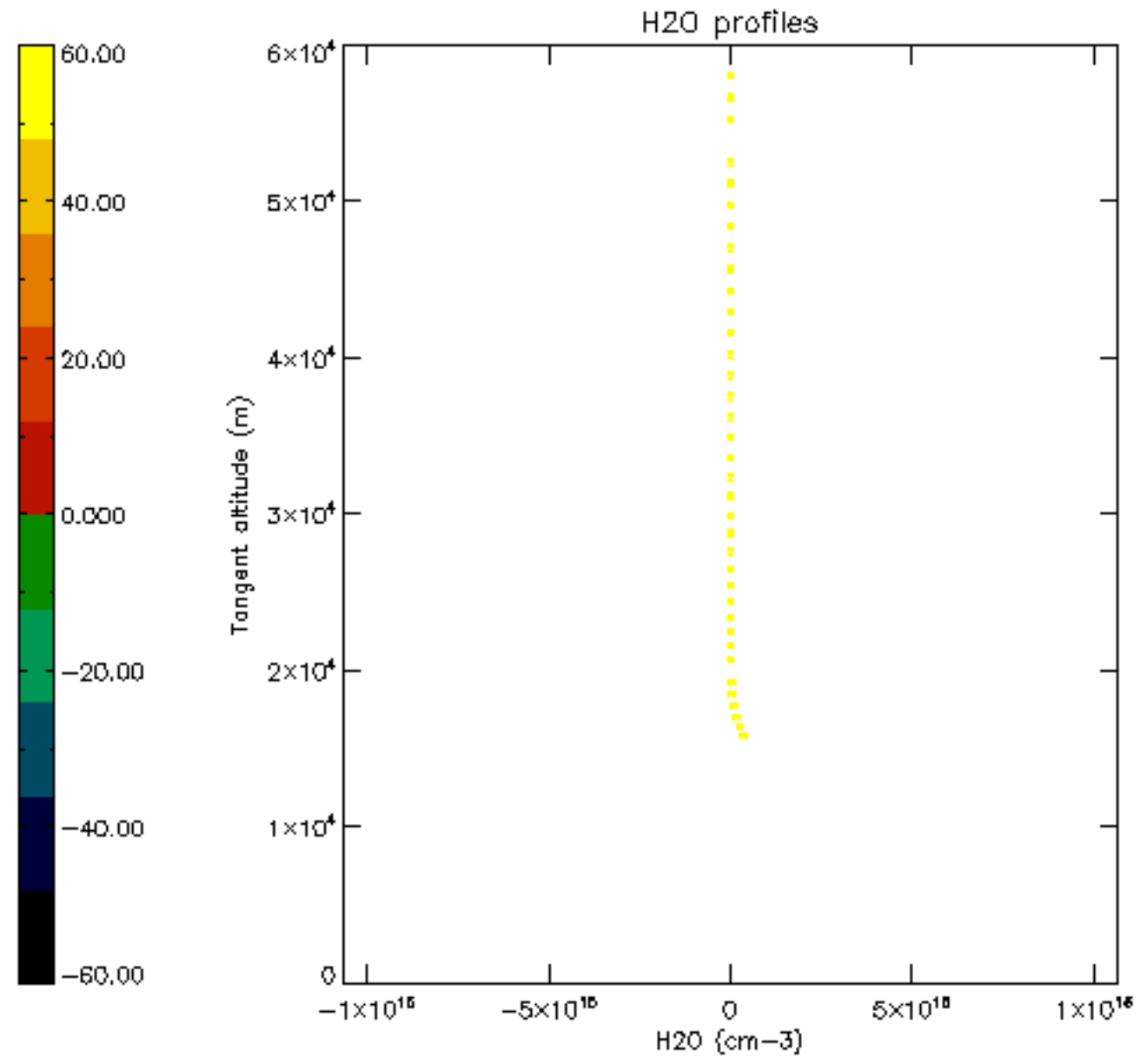


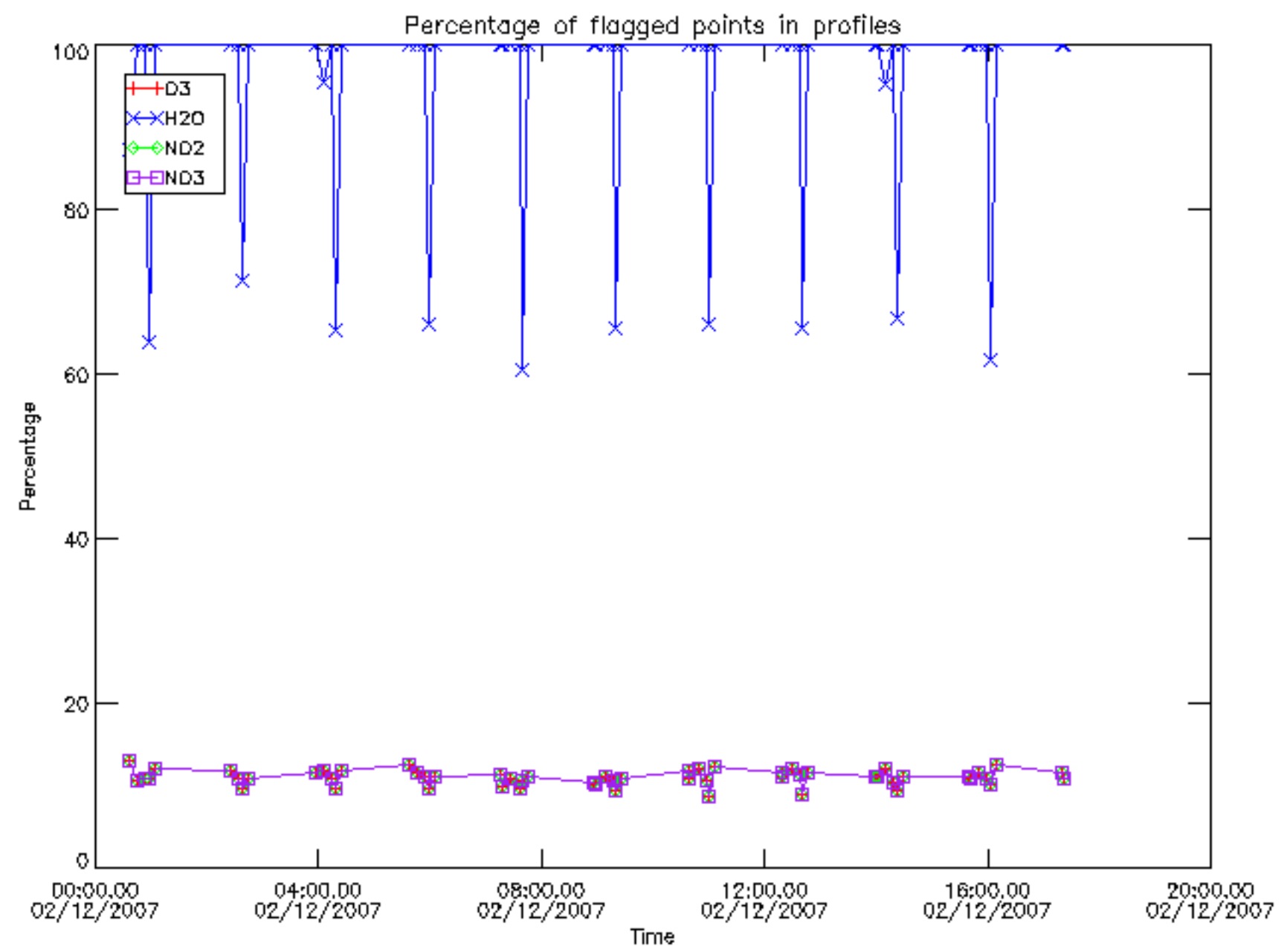




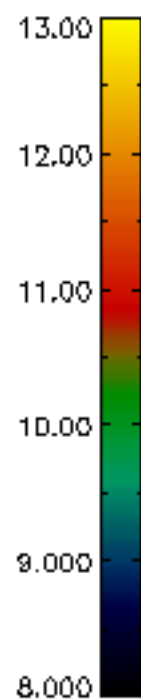
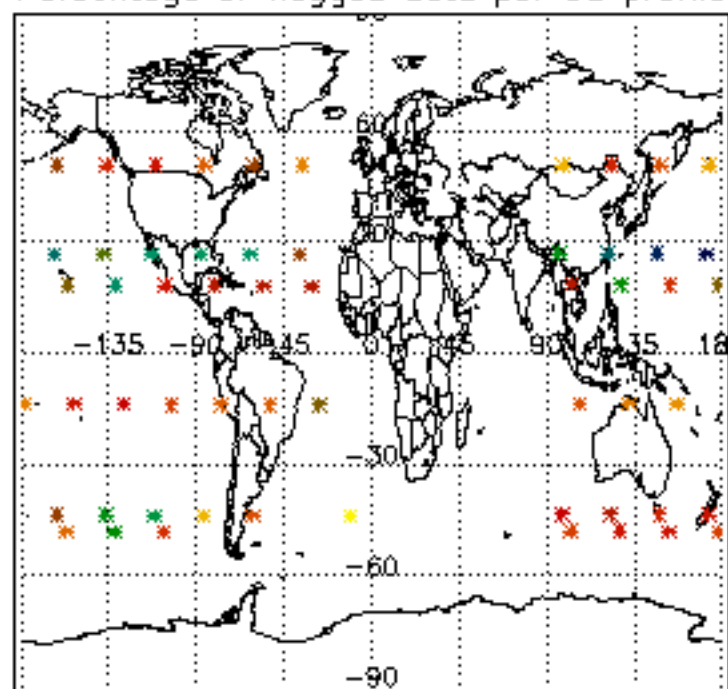




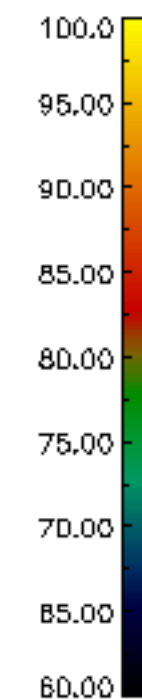
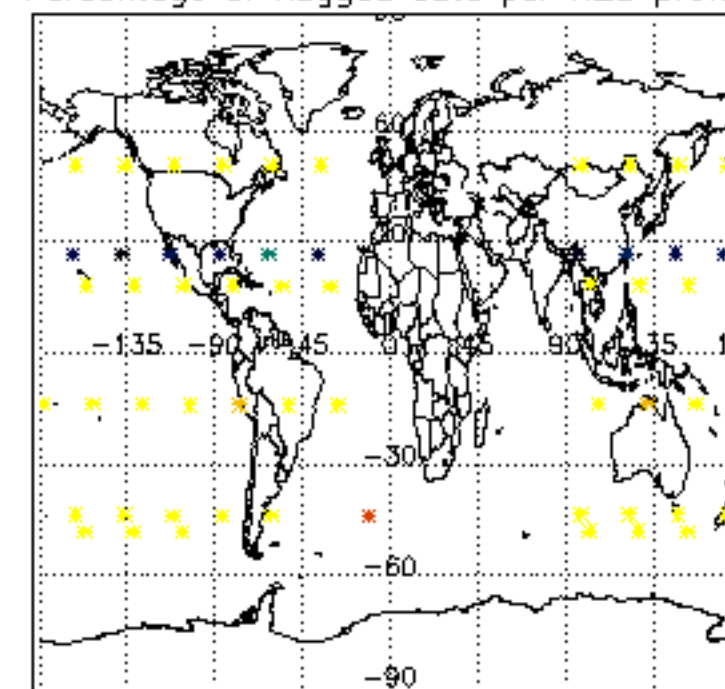




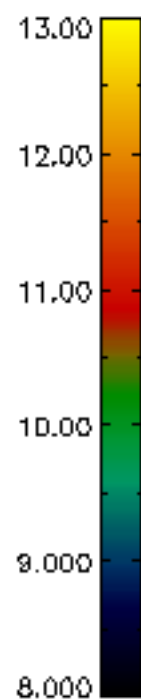
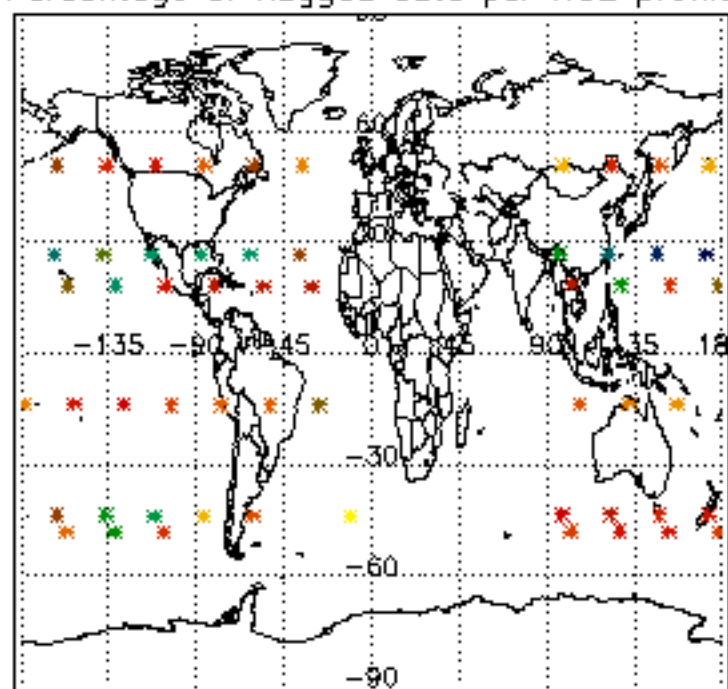
Percentage of flagged data per D3 profile



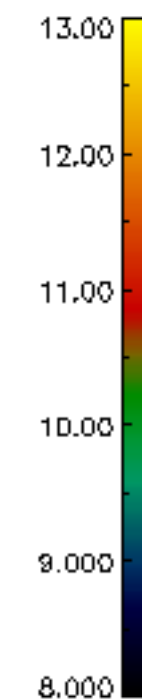
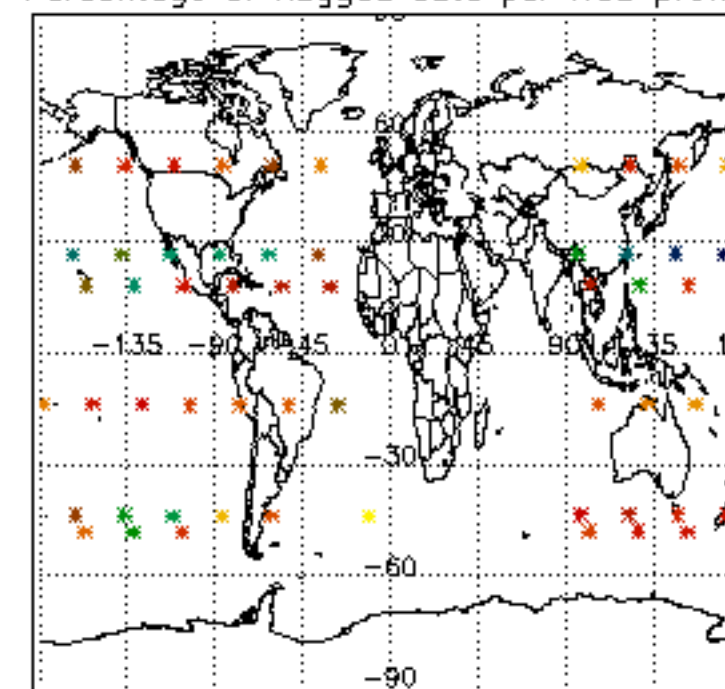
Percentage of flagged data per H2O profile

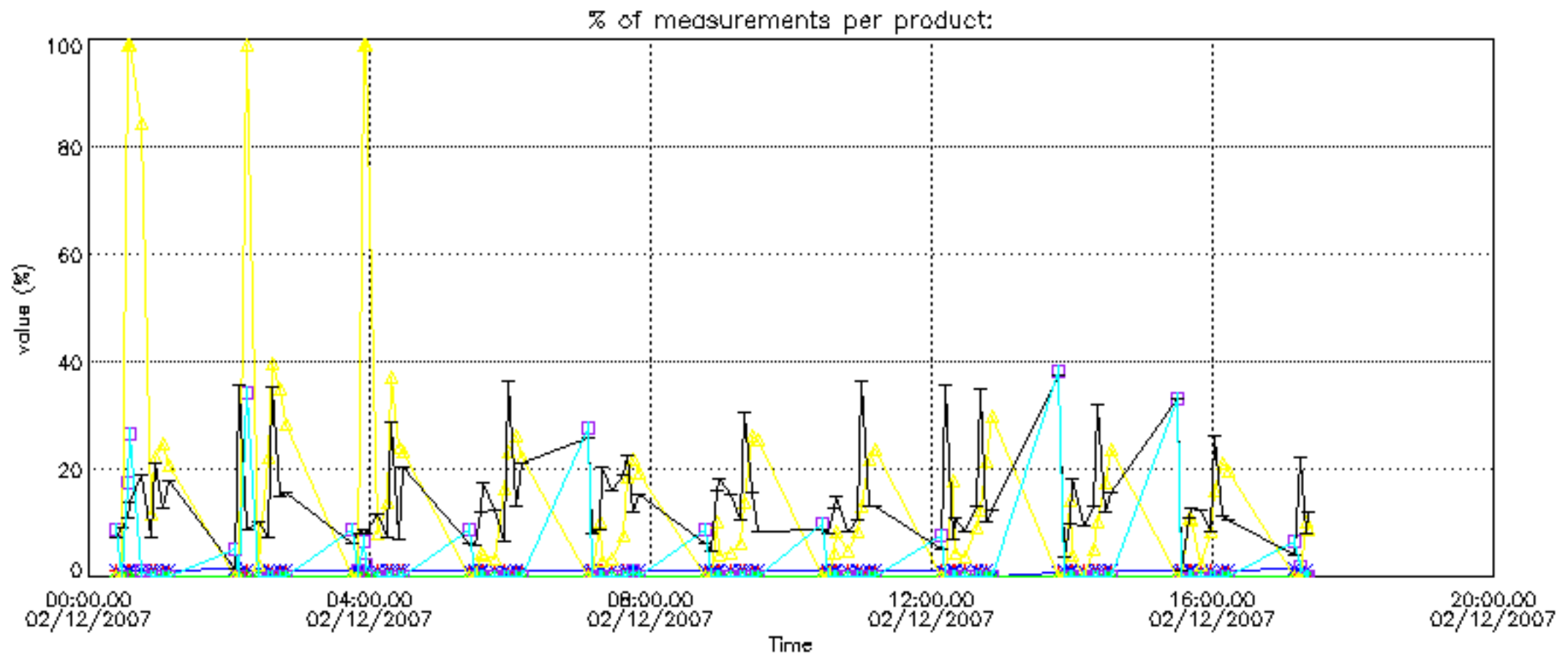


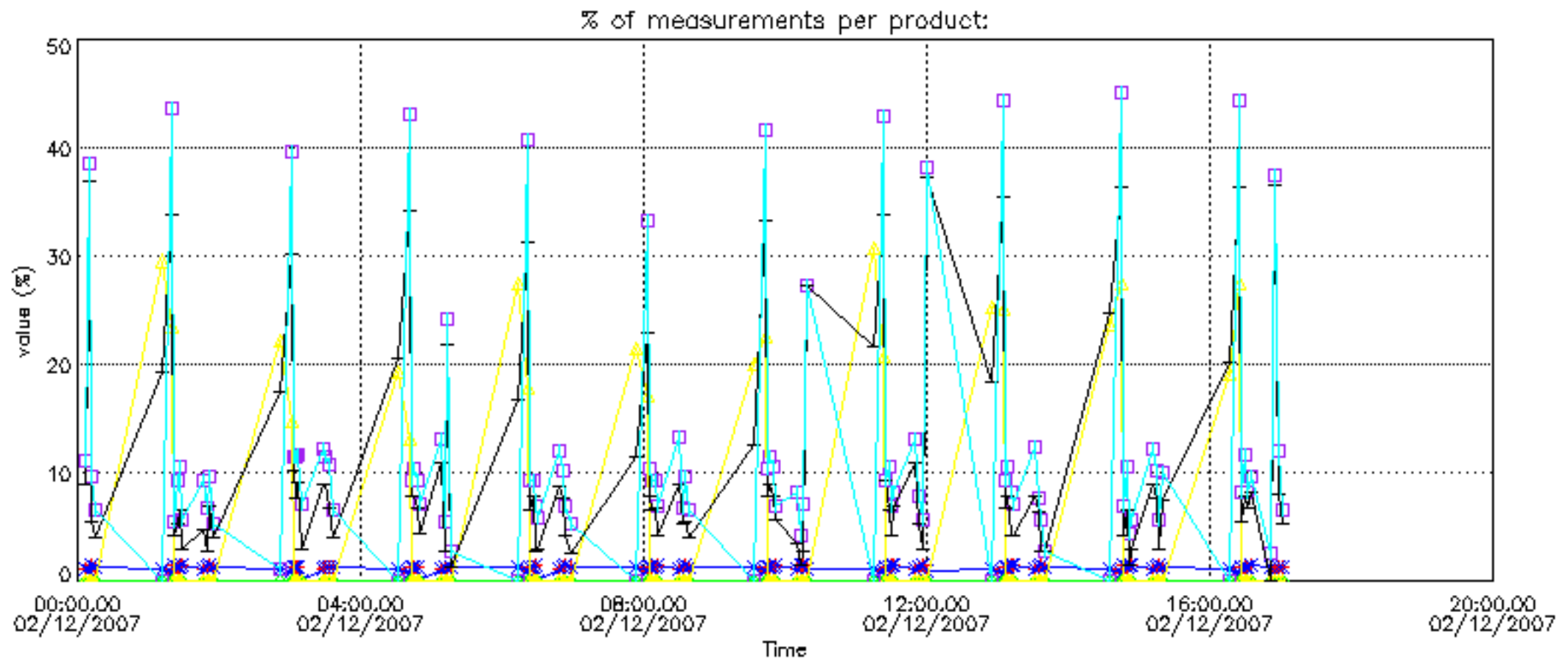
Percentage of flagged data per NO2 profile



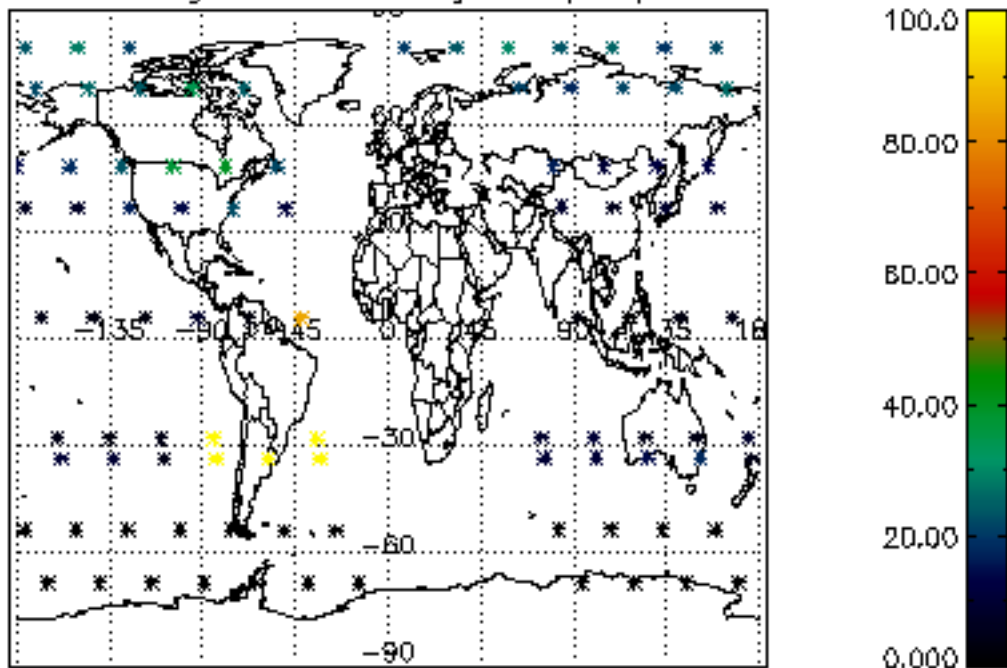
Percentage of flagged data per NO3 profile



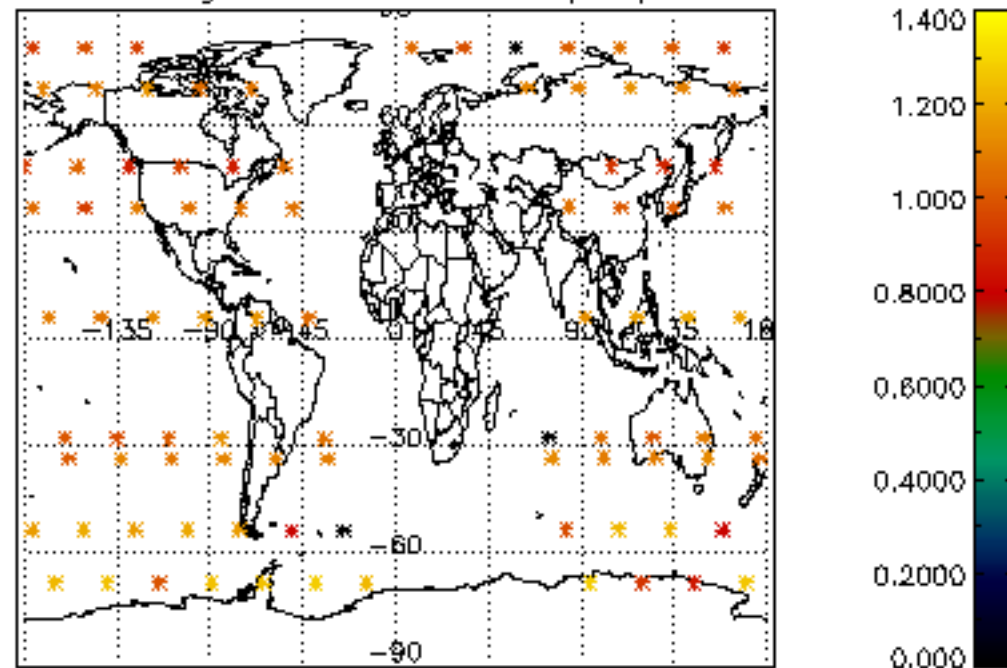




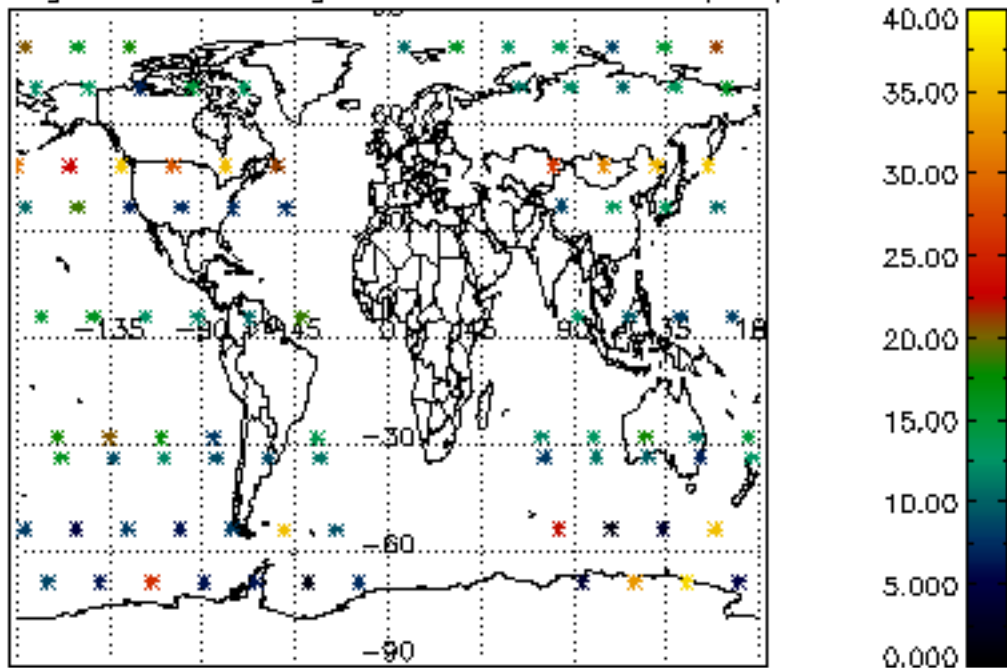
Percentage of cosmic ray hits per profile



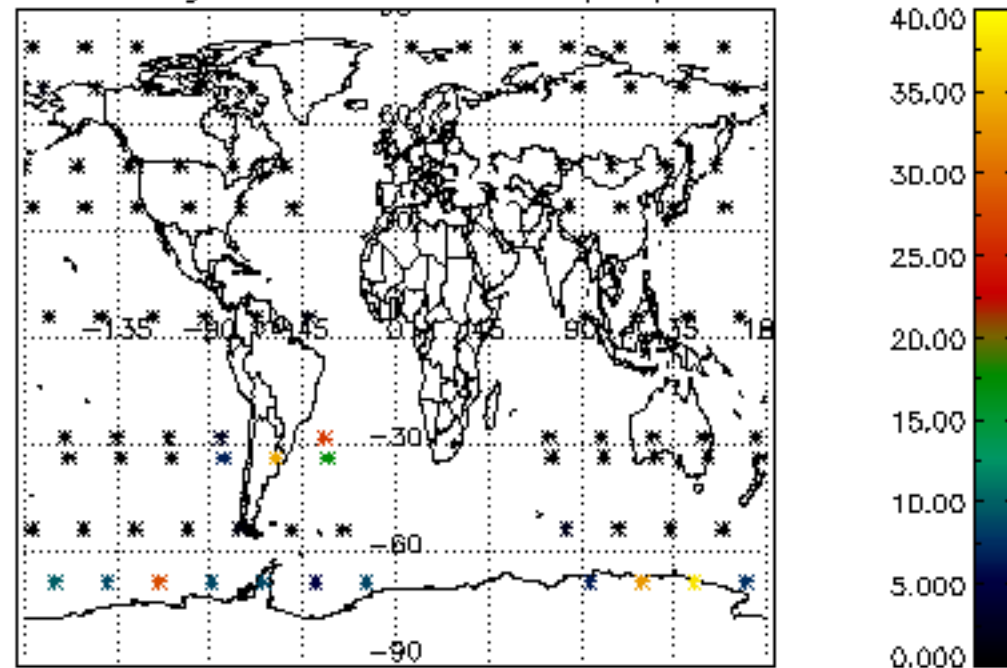
Percentage of datation errors per profile



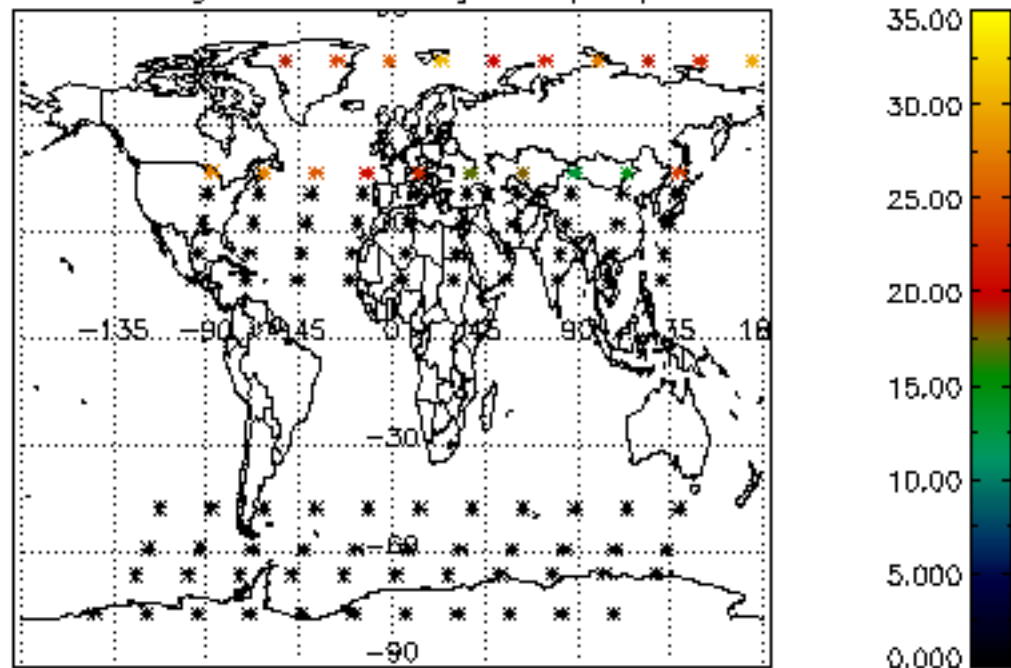
Percentage of star falling outside central band per profile



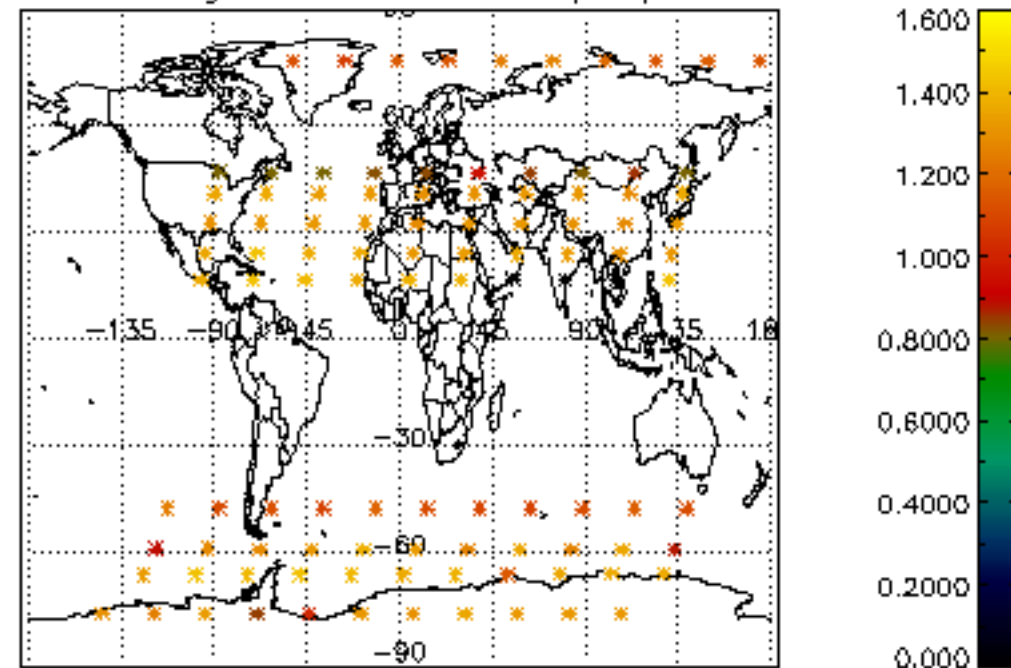
Percentage of saturation errors per profile



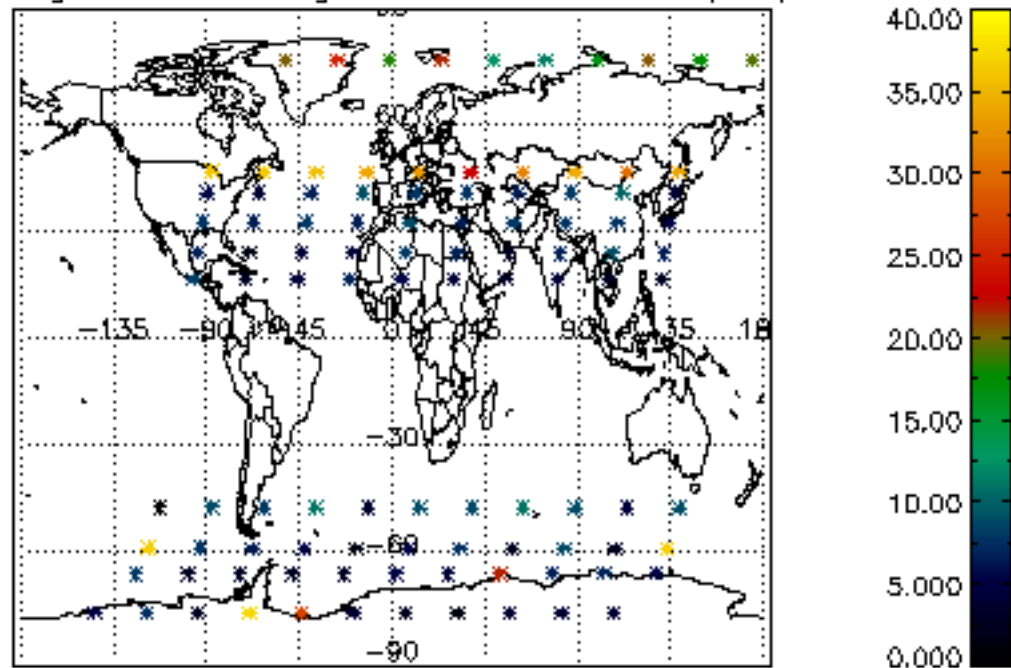
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

