

# 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 15:49:20
Data source version	GOMOS/6.01
Start time of products	08-12-2009 (08DEC2009 00:00:00)
Stop time of products	09-12-2009 (09DEC2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	237
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__2PRFIN20091208_000006_00000632085_00002_40637_5237.N1	08-DEC-2009 00:00:06	Dark	62.500	23	21Eps CMa	1.5020	26000.	125	40637	No
2	GOM_NL__2PRFIN20091208_000518_00000602085_00002_40637_5238.N1	08-DEC-2009 00:05:18	Straylight	59.500	47	2Bet CMa	1.9760	28000.	119	40637	No
3	GOM_NL__2PRFIN20091208_000905_00000522085_00002_40637_5239.N1	08-DEC-2009 00:09:05	Straylight	51.500	7	19Bet Ori	0.10000	14000.	103	40637	No
4	GOM_NL__2PRFIN20091208_001140_00000552085_00002_40637_5240.N1	08-DEC-2009 00:11:40	Straylight	55.000	30	46Eps Ori	1.6940	30000.	110	40637	No
5	GOM_NL__2PRFIN20091208_001412_00000532085_00002_40637_5241.N1	08-DEC-2009 00:14:12	Twilight_stray	53.000	27	24Gam Ori	1.6360	26000.	106	40637	No
6	GOM_NL__2PRFIN20091208_001642_00000582085_00002_40637_5242.N1	08-DEC-2009 00:16:42	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	40637	No
7	GOM_NL__2PRFIN20091208_001942_00000482085_00002_40637_5243.N1	08-DEC-2009 00:19:42	Bright	48.000	176	23Zet Tau	3.0200	22000.	96	40637	No
8	GOM_NL__2PRFIN20091208_002211_00000422085_00002_40637_5244.N1	08-DEC-2009 00:22:11	Bright	42.000	114	3lot Aur	2.6930	4600.0	84	40637	No
9	GOM_NL__2PRFIN20091208_002627_00000492085_00002_40637_5245.N1	08-DEC-2009 00:26:27	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	40637	No
10	GOM_NL__2PRFIN20091208_004300_00000492085_00002_40637_5246.N1	08-DEC-2009 00:43:00	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	40637	No
11	GOM_NL__2PRFIN20091208_004433_00000542085_00002_40637_5247.N1	08-DEC-2009 00:44:33	Bright	53.500	82	48Bet UMa	2.3650	10600.	107	40637	No
12	GOM_NL__2PRFIN20091208_004640_00000402085_00002_40637_5248.N1	08-DEC-2009 00:46:40	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	40637	No
13	GOM_NL__2PRFIN20091208_004858_00000382085_00002_40637_5249.N1	08-DEC-2009 00:48:58	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	40637	No
14	GOM_NL__2PRFIN20091208_005230_00000422085_00002_40637_5250.N1	08-DEC-2009 00:52:30	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	40637	No
15	GOM_NL__2PRFIN20091208_005815_00000362085_00002_40637_5251.N1	08-DEC-2009 00:58:15	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	40637	No
16	GOM_NL__2PRFIN20091208_010140_00000642085_00002_40637_5252.N1	08-DEC-2009 01:01:40	Bright	64.000	138	47Eps Vir	2.8280	4700.0	128	40637	No
17	GOM_NL__2PRFIN20091208_010625_00000482085_00002_40637_5253.N1	08-DEC-2009 01:06:25	Twilight_stray	47.500	121	29Gam Vir	2.7400	7200.0	95	40637	No
18	GOM_NL__2PRFIN20091208_011228_00000532085_00002_40637_5254.N1	08-DEC-2009 01:12:28	Dark	53.000	100	4Gam Crv	2.5800	13100.	106	40637	No
19	GOM_NL__2PRFIN20091208_080551_00000442085_00007_40642_5283.N1	08-DEC-2009 08:05:51	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	40642	No
20	GOM_NL__2PRFIN20091208_081431_00000462085_00007_40642_5284.N1	08-DEC-2009 08:14:31	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	40642	No
21	GOM_NL__2PRFIN20091208_081630_00000532085_00007_40642_5285.N1	08-DEC-2009 08:16:30	Dark	52.500	70	Zet Pup	2.2460	39000.	105	40642	No
22	GOM_NL__2PRFIN20091208_081937_00000572085_00007_40642_5286.N1	08-DEC-2009 08:19:37	Dark	56.500	117	Pi Pup	2.7060	3800.0	113	40642	No
23	GOM_NL__2PRFIN20091208_082309_00000562085_00007_40642_5287.N1	08-DEC-2009 08:23:09	Dark	56.000	23	21Eps CMa	1.5020	26000.	112	40642	No
24	GOM_NL__2PRFIN20091208_082819_00000592085_00007_40642_5288.N1	08-DEC-2009 08:28:19	Straylight	58.500	47	2Bet CMa	1.9760	28000.	117	40642	No
25	GOM_NL__2PRFIN20091208_083205_00000512085_00007_40642_5289.N1	08-DEC-2009 08:32:05	Straylight	51.000	7	19Bet Ori	0.10000	14000.	102	40642	No
26	GOM_NL__2PRFIN20091208_083439_00000542085_00007_40642_5290.N1	08-DEC-2009 08:34:39	Straylight	53.500	30	46Eps Ori	1.6940	30000.	107	40642	No
27	GOM_NL__2PRFIN20091208_083710_00000522085_00007_40642_5291.N1	08-DEC-2009 08:37:10	Twilight_stray	52.000	27	24Gam Ori	1.6360	26000.	104	40642	No
28	GOM_NL__2PRFIN20091208_083942_00000572085_00007_40642_5292.N1	08-DEC-2009 08:39:42	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	40642	No
29	GOM_NL__2PRFIN20091208_084240_00000472085_00007_40642_5293.N1	08-DEC-2009 08:42:40	Bright	46.500	176	23Zet Tau	3.0200	22000.	93	40642	No
30	GOM_NL__2PRFIN20091208_084510_00000422085_00007_40642_5294.N1	08-DEC-2009 08:45:10	Bright	41.500	114	3lot Aur	2.6930	4600.0	83	40642	No
31	GOM_NL__2PRFIN20091208_084925_00000622085_00007_40642_5295.N1	08-DEC-2009 08:49:25	Bright	62.000	6	13Alp Aur	0.080000	3400.0	124	40642	No
32	GOM_NL__2PRFIN20091208_090558_00000472085_00007_40642_5296.N1	08-DEC-2009 09:05:58	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	40642	No
33	GOM_NL__2PRFIN20091208_090731_00000482085_00007_40642_5297.N1	08-DEC-2009 09:07:31	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	40642	No
34	GOM_NL__2PRFIN20091208_090940_00000382085_00007_40642_5298.N1	08-DEC-2009 09:09:40	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	40642	No
35	GOM_NL__2PRFIN20091208_091158_00000392085_00007_40642_5299.N1	08-DEC-2009 09:11:58	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	40642	No
36	GOM_NL__2PRFIN20091208_091531_00000632085_00007_40642_5300.N1	08-DEC-2009 09:15:31	Bright	63.000	152	12Alp2CVn	2.8900	11000.	126	40642	No
37	GOM_NL__2PRFIN20091208_092117_00000562085_00007_40642_5301.N1	08-DEC-2009 09:21:17	Bright	56.000	111	8Eta Boo	2.6800	6000.0	112	40642	No
38	GOM_NL__2PRFIN20091208_092443_00000472085_00007_40642_5302.N1	08-DEC-2009 09:24:43	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	40642	No
39	GOM_NL__2PRFIN20091208_092929_00000542085_00007_40642_5303.N1	08-DEC-2009 09:29:29	Twilight_stray	53.500	121	29Gam Vir	2.7400	7200.0	107	40642	No
40	GOM_NL__2PRFIN20091208_093534_00000542085_00007_40642_5304.N1	08-DEC-2009 09:35:34	Dark	53.500	100	4Gam Crv	2.5800	13100.	107	40642	No
41	GOM_NL__2PRFIN20091208_093711_00000522085_00007_40642_5305.N1	08-DEC-2009 09:37:11	Dark	52.000	171	2Eps Crv	3.0010	4250.0	104	40642	No
42	GOM_NL__2PRFIN20091208_094628_00000482085_00008_40643_5344.N1	08-DEC-2009 09:46:28	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	40643	No

43	GOM_NL__2PRFIN20091208_095508_000000452085_00008_40643_5345.N1	08-DEC-2009 09:55:08	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	40643	No
44	GOM_NL__2PRFIN20091208_095707_000000532085_00008_40643_5346.N1	08-DEC-2009 09:57:07	Dark	52.500	70	Zet Pup	2.2460	39000.	105	40643	No
45	GOM_NL__2PRFIN20091208_100014_000000562085_00008_40643_5347.N1	08-DEC-2009 10:00:14	Dark	55.500	117	Pi Pup	2.7060	3800.0	111	40643	No
46	GOM_NL__2PRFIN20091208_100346_000000572085_00008_40643_5348.N1	08-DEC-2009 10:03:46	Dark	56.500	23	21Eps CMa	1.5020	26000.	113	40643	No
47	GOM_NL__2PRFIN20091208_100855_000000572085_00008_40643_5349.N1	08-DEC-2009 10:08:55	Straylight	56.500	47	2Bet CMa	1.9760	28000.	113	40643	No
48	GOM_NL__2PRFIN20091208_101241_000000492085_00008_40643_5350.N1	08-DEC-2009 10:12:41	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	40643	No
49	GOM_NL__2PRFIN20091208_101515_000000532085_00008_40643_5351.N1	08-DEC-2009 10:15:15	Straylight	53.000	30	46Eps Ori	1.6940	30000.	106	40643	No
50	GOM_NL__2PRFIN20091208_101746_000000492085_00008_40643_5352.N1	08-DEC-2009 10:17:46	Tw_i_and_stray	48.500	27	24Gam Ori	1.6360	26000.	97	40643	No
51	GOM_NL__2PRFIN20091208_102017_000000532085_00008_40643_5353.N1	08-DEC-2009 10:20:17	Bright	53.000	13	87Alp Tau	0.86700	3800.0	106	40643	No
52	GOM_NL__2PRFIN20091208_102315_000000482085_00008_40643_5354.N1	08-DEC-2009 10:23:15	Bright	47.500	176	23Zet Tau	3.0200	22000.	95	40643	No
53	GOM_NL__2PRFIN20091208_102545_000000422085_00008_40643_5355.N1	08-DEC-2009 10:25:45	Bright	42.000	114	3Iot Aur	2.6930	4600.0	84	40643	No
54	GOM_NL__2PRFIN20091208_103001_000000442085_00008_40643_5356.N1	08-DEC-2009 10:30:01	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	40643	No
55	GOM_NL__2PRFIN20091208_104634_000000492085_00008_40643_5357.N1	08-DEC-2009 10:46:34	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	40643	No
56	GOM_NL__2PRFIN20091208_104806_000000442085_00008_40643_5358.N1	08-DEC-2009 10:48:06	Bright	43.500	82	48Bet UMa	2.3650	10600.	87	40643	No
57	GOM_NL__2PRFIN20091208_105016_000000372085_00008_40643_5359.N1	08-DEC-2009 10:50:16	Bright	36.500	32	77Eps UMa	1.7630	11000.	73	40643	No
58	GOM_NL__2PRFIN20091208_105234_000000482085_00008_40643_5360.N1	08-DEC-2009 10:52:34	Bright	48.000	39	85Eta UMa	1.8540	24000.	96	40643	No
59	GOM_NL__2PRFIN20091208_105606_000000632085_00008_40643_5361.N1	08-DEC-2009 10:56:06	Bright	63.000	152	12Alp2CVn	2.8900	11000.	126	40643	No
60	GOM_NL__2PRFIN20091208_110153_000000362085_00008_40643_5362.N1	08-DEC-2009 11:01:53	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	40643	No
61	GOM_NL__2PRFIN20091208_110520_000000552085_00008_40643_5363.N1	08-DEC-2009 11:05:20	Bright	54.500	138	47Eps Vir	2.8280	4700.0	109	40643	No
62	GOM_NL__2PRFIN20091208_111006_000000512085_00008_40643_5364.N1	08-DEC-2009 11:10:06	Tw_i_and_stray	51.000	121	29Gam Vir	2.7400	7200.0	102	40643	No
63	GOM_NL__2PRFIN20091208_111611_000000512085_00008_40643_5365.N1	08-DEC-2009 11:16:11	Dark	50.500	100	4Gam Crv	2.5800	13100.	101	40643	No
64	GOM_NL__2PRFIN20091208_111747_000000572085_00008_40643_5366.N1	08-DEC-2009 11:17:47	Dark	56.500	171	2Eps Crv	3.0010	4250.0	113	40643	No
65	GOM_NL__2PRFIN20091208_112704_000000442085_00009_40644_5342.N1	08-DEC-2009 11:27:04	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	40644	No
66	GOM_NL__2PRFIN20091208_113544_000000472085_00009_40644_5343.N1	08-DEC-2009 11:35:44	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	40644	No
67	GOM_NL__2PRFIN20091208_113744_000000522085_00009_40644_5344.N1	08-DEC-2009 11:37:44	Dark	52.000	70	Zet Pup	2.2460	39000.	104	40644	No
68	GOM_NL__2PRFIN20091208_114050_000000572085_00009_40644_5345.N1	08-DEC-2009 11:40:50	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	40644	No
69	GOM_NL__2PRFIN20091208_114421_000000582085_00009_40644_5346.N1	08-DEC-2009 11:44:21	Dark	58.000	23	21Eps CMa	1.5020	26000.	116	40644	No
70	GOM_NL__2PRFIN20091208_114930_000000572085_00009_40644_5347.N1	08-DEC-2009 11:49:30	Straylight	56.500	47	2Bet CMa	1.9760	28000.	113	40644	No
71	GOM_NL__2PRFIN20091208_115317_000000532085_00009_40644_5348.N1	08-DEC-2009 11:53:17	Straylight	53.000	7	19Bet Ori	0.10000	14000.	106	40644	No
72	GOM_NL__2PRFIN20091208_115550_000000572085_00009_40644_5349.N1	08-DEC-2009 11:55:50	Straylight	56.500	30	46Eps Ori	1.6940	30000.	113	40644	No
73	GOM_NL__2PRFIN20091208_115820_000000522085_00009_40644_5350.N1	08-DEC-2009 11:58:20	Tw_i_and_stray	51.500	27	24Gam Ori	1.6360	26000.	103	40644	No
74	GOM_NL__2PRFIN20091208_120052_000000492085_00009_40644_5351.N1	08-DEC-2009 12:00:52	Bright	49.000	13	87Alp Tau	0.86700	3800.0	98	40644	No
75	GOM_NL__2PRFIN20091208_120349_000000492085_00009_40644_5352.N1	08-DEC-2009 12:03:49	Bright	48.500	176	23Zet Tau	3.0200	22000.	97	40644	No
76	GOM_NL__2PRFIN20091208_120620_000000452085_00009_40644_5353.N1	08-DEC-2009 12:06:20	Bright	44.500	114	3Iot Aur	2.6930	4600.0	89	40644	No
77	GOM_NL__2PRFIN20091208_121035_000000502085_00009_40644_5354.N1	08-DEC-2009 12:10:35	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	40644	No
78	GOM_NL__2PRFIN20091208_122709_000000472085_00009_40644_5355.N1	08-DEC-2009 12:27:09	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	40644	No
79	GOM_NL__2PRFIN20091208_123051_000000422085_00009_40644_5356.N1	08-DEC-2009 12:30:51	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	40644	No
80	GOM_NL__2PRFIN20091208_123309_000000432085_00009_40644_5357.N1	08-DEC-2009 12:33:09	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	40644	No
81	GOM_NL__2PRFIN20091208_123642_000000452085_00009_40644_5358.N1	08-DEC-2009 12:36:42	Bright	44.500	152	12Alp2CVn	2.8900	11000.	89	40644	No
82	GOM_NL__2PRFIN20091208_124228_000000382085_00009_40644_5359.N1	08-DEC-2009 12:42:28	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	40644	No
83	GOM_NL__2PRFIN20091208_124555_000000452085_00009_40644_5360.N1	08-DEC-2009 12:45:55	Bright	44.500	138	47Eps Vir	2.8280	4700.0	89	40644	No
84	GOM_NL__2PRFIN20091208_125042_000000532085_00009_40644_5361.N1	08-DEC-2009 12:50:42	Tw_i_and_stray	52.500	121	29Gam Vir	2.7400	7200.0	105	40644	No
85	GOM_NL__2PRFIN20091208_125647_000000502085_00009_40644_5362.N1	08-DEC-2009 12:56:47	Dark	49.500	100	4Gam Crv	2.5800	13100.	99	40644	No
86	GOM_NL__2PRFIN20091208_125824_000000552085_00009_40644_5363.N1	08-DEC-2009 12:58:24	Dark	54.500	171	2Eps Crv	3.0010	4250.0	109	40644	No
87	GOM_NL__2PRFIN20091208_130740_000000442085_00010_40645_5381.N1	08-DEC-2009 13:07:40	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	40645	No
88	GOM_NL__2PRFIN20091208_131620_000000472085_00010_40645_5382.N1	08-DEC-2009 13:16:20	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	40645	No
89	GOM_NL__2PRFIN20091208_131820_000000532085_00010_40645_5383.N1	08-DEC-2009 13:18:20	Dark	53.000	70	Zet Pup	2.2460	39000.	106	40645	No
90	GOM_NL__2PRFIN20091208_132126_000000552085_00010_40645_5384.N1	08-DEC-2009 13:21:26	Dark	55.000	117	Pi Pup	2.7060	3800.0	110	40645	No
91	GOM_NL__2PRFIN20091208_132457_000000582085_00010_40645_5385.N1	08-DEC-2009 13:24:57	Dark	57.500	23	21Eps CMa	1.5020	26000.	115	40645	No
92	GOM_NL__2PRFIN20091208_133006_000000562085_00010_40645_5386.N1	08-DEC-2009 13:30:06	Straylight	56.000	47	2Bet CMa	1.9760	28000.	112	40645	No
93	GOM_NL__2PRFIN20091208_133352_000000512085_00010_40645_5387.N1	08-DEC-2009 13:33:52	Straylight	50.500	7	19Bet Ori	0.10000	14000.	101	40645	No
94	GOM_NL__2PRFIN20091208_133626_000000552085_00010_40645_5388.N1	08-DEC-2009 13:36:26	Straylight	54.500	30	46Eps Ori	1.6940	30000.	109	40645	No
95	GOM_NL__2PRFIN20091208_133856_000000532085_00010_40645_5389.N1	08-DEC-2009 13:38:56	Tw_i_and_stray	53.000	27	24Gam Ori	1.6360	26000.	106	40645	No
96	GOM_NL__2PRFIN20091208_134128_000000502085_00010_40645_5390.N1	08-DEC-2009 13:41:28	Bright	49.500	13	87Alp Tau	0.86700	3800.0	99	40645	No
97	GOM_NL__2PRFIN20091208_134425_000000482085_00010_40645_5391.N1	08-DEC-2009 13:44:25	Bright	48.000	176	23Zet Tau	3.0200	22000.	96	40645	No
98	GOM_NL__2PRFIN20091208_134655_000000442085_00010_40645_5392.N1	08-DEC-2009 13:46:55	Bright	44.000	114	3Iot Aur	2.6930	4600.0	88	40645	No
99	GOM_NL__2PRFIN20091208_135110_000000442085_00010_40645_5393.N1	08-DEC-2009 13:51:10	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	40645	No
100	GOM_NL__2PRFIN20091208_140744_000000462085_00010_40645_5394.N1	08-DEC-2009 14:07:44	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	40645	No
101	GOM_NL__2PRFIN20091208_141127_000000382085_00010_40645_5395.N1	08-DEC-2009 14:11:27	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	40645	No

102	GOM_NL__2PRFIN20091208_141345_000000472085_00010_40645_5396.N1	08-DEC-2009 14:13:45	Bright	47.000	39	85Eta UMa	1.8540	24000.	94	40645	No
103	GOM_NL__2PRFIN20091208_141718_000000452085_00010_40645_5397.N1	08-DEC-2009 14:17:18	Bright	44.500	152	12Alp2CVn	2.8900	11000.	89	40645	No
104	GOM_NL__2PRFIN20091208_142305_000000372085_00010_40645_5398.N1	08-DEC-2009 14:23:05	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	40645	No
105	GOM_NL__2PRFIN20091208_142632_000000652085_00010_40645_5399.N1	08-DEC-2009 14:26:32	Bright	65.000	138	47Eps Vir	2.8280	4700.0	130	40645	No
106	GOM_NL__2PRFIN20091208_143119_000000532085_00010_40645_5400.N1	08-DEC-2009 14:31:19	Tw_i_and_stray	52.500	121	29Gam Vir	2.7400	7200.0	105	40645	No
107	GOM_NL__2PRFIN20091208_143724_000000502085_00010_40645_5401.N1	08-DEC-2009 14:37:24	Dark	49.500	100	4Gam Crv	2.5800	13100.	99	40645	No
108	GOM_NL__2PRFIN20091208_143901_000000592085_00010_40645_5402.N1	08-DEC-2009 14:39:01	Dark	58.500	171	2Eps Crv	3.0010	4250.0	117	40645	No
109	GOM_NL__2PRFIN20091208_144817_000000482085_00011_40646_5403.N1	08-DEC-2009 14:48:17	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	40646	No
110	GOM_NL__2PRFIN20091208_145657_000000462085_00011_40646_5404.N1	08-DEC-2009 14:56:57	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	40646	No
111	GOM_NL__2PRFIN20091208_145857_000000532085_00011_40646_5405.N1	08-DEC-2009 14:58:57	Dark	53.000	70	Zet Pup	2.2460	39000.	106	40646	No
112	GOM_NL__2PRFIN20091208_150202_000000592085_00011_40646_5406.N1	08-DEC-2009 15:02:02	Dark	58.500	117	Pi Pup	2.7060	3800.0	117	40646	No
113	GOM_NL__2PRFIN20091208_150534_000000582085_00011_40646_5407.N1	08-DEC-2009 15:05:34	Dark	58.000	23	21Eps CMa	1.5020	26000.	116	40646	No
114	GOM_NL__2PRFIN20091208_151042_000000572085_00011_40646_5408.N1	08-DEC-2009 15:10:42	Straylight	57.000	47	2Bet CMa	1.9760	28000.	114	40646	No
115	GOM_NL__2PRFIN20091208_151428_000000532085_00011_40646_5409.N1	08-DEC-2009 15:14:28	Straylight	53.000	7	19Bet Ori	0.10000	14000.	106	40646	No
116	GOM_NL__2PRFIN20091208_151701_000000542085_00011_40646_5410.N1	08-DEC-2009 15:17:01	Straylight	53.500	30	46Eps Ori	1.6940	30000.	107	40646	No
117	GOM_NL__2PRFIN20091208_151932_000000542085_00011_40646_5411.N1	08-DEC-2009 15:19:32	Tw_i_and_stray	54.000	27	24Gam Ori	1.6360	26000.	108	40646	No
118	GOM_NL__2PRFIN20091208_152204_000000552085_00011_40646_5412.N1	08-DEC-2009 15:22:04	Bright	54.500	13	87Alp Tau	0.86700	3800.0	109	40646	No
119	GOM_NL__2PRFIN20091208_152500_000000502085_00011_40646_5413.N1	08-DEC-2009 15:25:00	Bright	49.500	176	23Zet Tau	3.0200	22000.	99	40646	No
120	GOM_NL__2PRFIN20091208_152731_000000452085_00011_40646_5414.N1	08-DEC-2009 15:27:31	Bright	44.500	114	3lot Aur	2.6930	4600.0	89	40646	No
121	GOM_NL__2PRFIN20091208_153146_000000452085_00011_40646_5415.N1	08-DEC-2009 15:31:46	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	40646	No
122	GOM_NL__2PRFIN20091208_154820_000000492085_00011_40646_5416.N1	08-DEC-2009 15:48:20	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	40646	No
123	GOM_NL__2PRFIN20091208_155202_000000392085_00011_40646_5417.N1	08-DEC-2009 15:52:02	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	40646	No
124	GOM_NL__2PRFIN20091208_155421_000000532085_00011_40646_5418.N1	08-DEC-2009 15:54:21	Bright	52.500	39	85Eta UMa	1.8540	24000.	105	40646	No
125	GOM_NL__2PRFIN20091208_155754_000000452085_00011_40646_5419.N1	08-DEC-2009 15:57:54	Bright	45.000	152	12Alp2CVn	2.8900	11000.	90	40646	No
126	GOM_NL__2PRFIN20091208_160341_000000372085_00011_40646_5420.N1	08-DEC-2009 16:03:41	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	40646	No
127	GOM_NL__2PRFIN20091208_160708_000000652085_00011_40646_5421.N1	08-DEC-2009 16:07:08	Bright	65.000	138	47Eps Vir	2.8280	4700.0	130	40646	No
128	GOM_NL__2PRFIN20091208_161155_000000552085_00011_40646_5422.N1	08-DEC-2009 16:11:55	Tw_i_and_stray	55.000	121	29Gam Vir	2.7400	7200.0	110	40646	No
129	GOM_NL__2PRFIN20091208_161627_000000452085_00011_40646_5423.N1	08-DEC-2009 16:16:27	Tw_i_and_stray	45.000	169	46Gam Hya	2.9910	4700.0	90	40646	No
130	GOM_NL__2PRFIN20091208_161801_000000472085_00011_40646_5424.N1	08-DEC-2009 16:18:01	Dark	47.000	100	4Gam Crv	2.5800	13100.	94	40646	No
131	GOM_NL__2PRFIN20091208_161938_000000512085_00011_40646_5425.N1	08-DEC-2009 16:19:38	Dark	50.500	171	2Eps Crv	3.0010	4250.0	101	40646	No
132	GOM_NL__2PRFIN20091208_162854_000000452085_00012_40647_5412.N1	08-DEC-2009 16:28:54	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	40647	No
133	GOM_NL__2PRFIN20091208_163734_000000522085_00012_40647_5413.N1	08-DEC-2009 16:37:34	Dark	52.000	34	Gam2Vel	1.7930	23000.	104	40647	No
134	GOM_NL__2PRFIN20091208_163934_000000552085_00012_40647_5414.N1	08-DEC-2009 16:39:34	Dark	54.500	70	Zet Pup	2.2460	39000.	109	40647	No
135	GOM_NL__2PRFIN20091208_164239_000000572085_00012_40647_5415.N1	08-DEC-2009 16:42:39	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	40647	No
136	GOM_NL__2PRFIN20091208_164610_000000632085_00012_40647_5416.N1	08-DEC-2009 16:46:10	Dark	62.500	23	21Eps CMa	1.5020	26000.	125	40647	No
137	GOM_NL__2PRFIN20091208_165118_000000602085_00012_40647_5417.N1	08-DEC-2009 16:51:18	Straylight	59.500	47	2Bet CMa	1.9760	28000.	119	40647	No
138	GOM_NL__2PRFIN20091208_165504_000000522085_00012_40647_5418.N1	08-DEC-2009 16:55:04	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	40647	No
139	GOM_NL__2PRFIN20091208_165737_000000532085_00012_40647_5419.N1	08-DEC-2009 16:57:37	Straylight	53.000	30	46Eps Ori	1.6940	30000.	106	40647	No
140	GOM_NL__2PRFIN20091208_170007_000000522085_00012_40647_5420.N1	08-DEC-2009 17:00:07	Tw_i_and_stray	52.000	27	24Gam Ori	1.6360	26000.	104	40647	No
141	GOM_NL__2PRFIN20091208_170239_000000572085_00012_40647_5421.N1	08-DEC-2009 17:02:39	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	40647	No
142	GOM_NL__2PRFIN20091208_170535_000000512085_00012_40647_5422.N1	08-DEC-2009 17:05:35	Bright	50.500	176	23Zet Tau	3.0200	22000.	101	40647	No
143	GOM_NL__2PRFIN20091208_170806_000000442085_00012_40647_5423.N1	08-DEC-2009 17:08:06	Bright	44.000	114	3lot Aur	2.6930	4600.0	88	40647	No
144	GOM_NL__2PRFIN20091208_171221_000000452085_00012_40647_5424.N1	08-DEC-2009 17:12:21	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	40647	No
145	GOM_NL__2PRFIN20091208_172855_000000432085_00012_40647_5425.N1	08-DEC-2009 17:28:55	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	40647	No
146	GOM_NL__2PRFIN20091208_173238_000000462085_00012_40647_5426.N1	08-DEC-2009 17:32:38	Bright	45.500	32	77Eps UMa	1.7630	11000.	91	40647	No
147	GOM_NL__2PRFIN20091208_173457_000000372085_00012_40647_5427.N1	08-DEC-2009 17:34:57	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	40647	No
148	GOM_NL__2PRFIN20091208_173830_000000422085_00012_40647_5428.N1	08-DEC-2009 17:38:30	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	40647	No
149	GOM_NL__2PRFIN20091208_174417_000000372085_00012_40647_5429.N1	08-DEC-2009 17:44:17	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	40647	No
150	GOM_NL__2PRFIN20091208_174745_000000652085_00012_40647_5430.N1	08-DEC-2009 17:47:45	Bright	65.000	138	47Eps Vir	2.8280	4700.0	130	40647	No
151	GOM_NL__2PRFIN20091208_175232_000000532085_00012_40647_5431.N1	08-DEC-2009 17:52:32	Tw_i_and_stray	52.500	121	29Gam Vir	2.7400	7200.0	105	40647	No
152	GOM_NL__2PRFIN20091208_175704_000000422085_00012_40647_5432.N1	08-DEC-2009 17:57:04	Tw_i_and_stray	42.000	169	46Gam Hya	2.9910	4700.0	84	40647	No
153	GOM_NL__2PRFIN20091208_175838_000000532085_00012_40647_5433.N1	08-DEC-2009 17:58:38	Dark	52.500	100	4Gam Crv	2.5800	13100.	105	40647	No
154	GOM_NL__2PRFIN20091208_180015_000000522085_00012_40647_5434.N1	08-DEC-2009 18:00:15	Dark	52.000	171	2Eps Crv	3.0010	4250.0	104	40647	No
155	GOM_NL__2PRFIN20091208_180931_000000462085_00013_40648_5421.N1	08-DEC-2009 18:09:31	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	40648	No
156	GOM_NL__2PRFIN20091208_181811_000000472085_00013_40648_5422.N1	08-DEC-2009 18:18:11	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	40648	No
157	GOM_NL__2PRFIN20091208_182011_000000522085_00013_40648_5423.N1	08-DEC-2009 18:20:11	Dark	51.500	70	Zet Pup	2.2460	39000.	103	40648	No
158	GOM_NL__2PRFIN20091208_182316_000000572085_00013_40648_5424.N1	08-DEC-2009 18:23:16	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	40648	No
159	GOM_NL__2PRFIN20091208_182647_000000612085_00013_40648_5425.N1	08-DEC-2009 18:26:47	Dark	60.500	23	21Eps CMa	1.5020	26000.	121	40648	No
160	GOM_NL__2PRFIN20091208_183155_000000592085_00013_40648_5426.N1	08-DEC-2009 18:31:55	Straylight	58.500	47	2Bet CMa	1.9760	28000.	117	40648	No



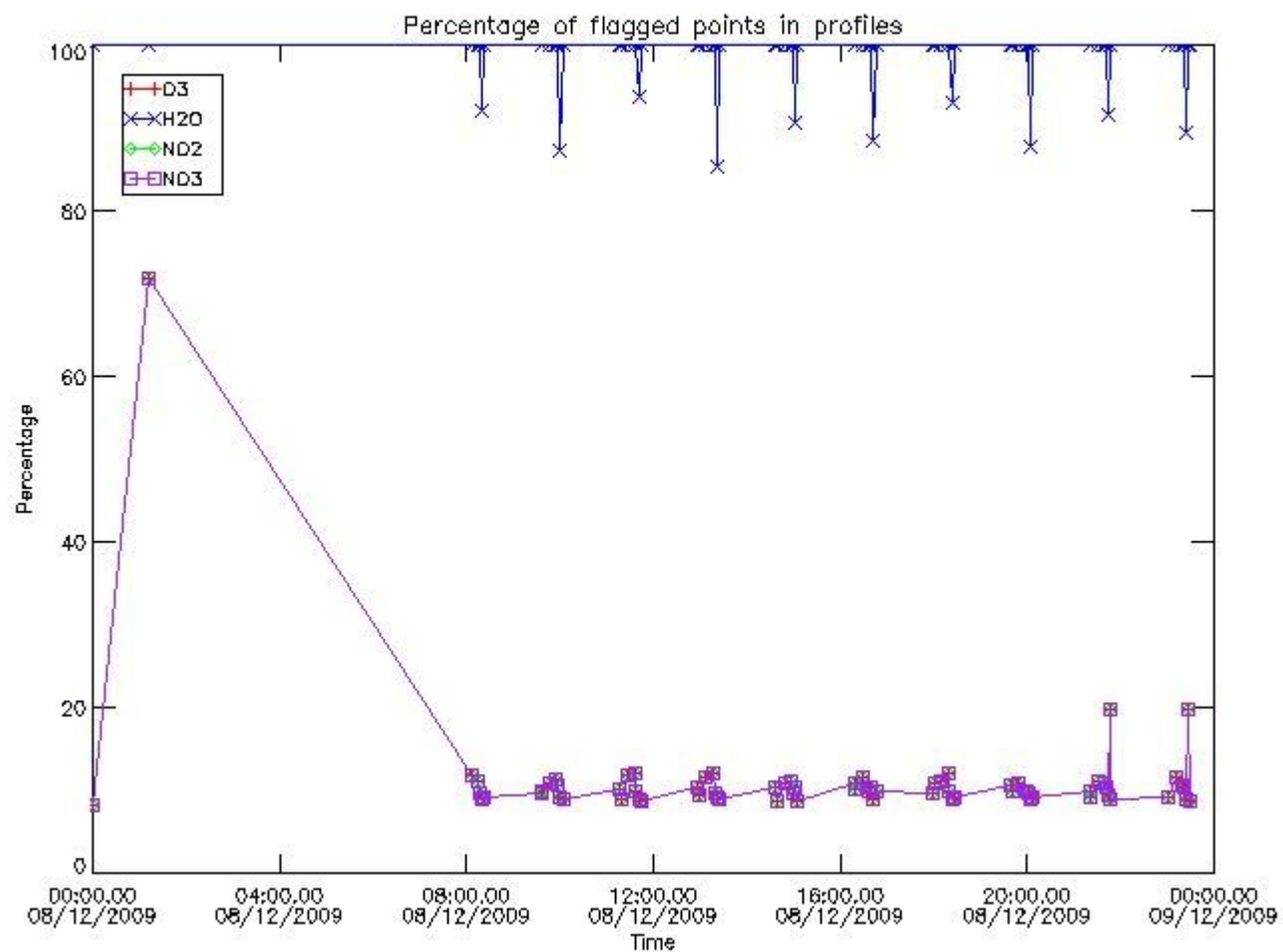
161	GOM_NL__2PRFIN20091208_183540_00000552085_00013_40648_5427.N1	08-DEC-2009 18:35:40	Straylight	54.500	7	19Bet Ori	0.10000	14000.	109	40648	No
162	GOM_NL__2PRFIN20091208_183813_00000522085_00013_40648_5428.N1	08-DEC-2009 18:38:13	Straylight	51.500	30	46Eps Ori	1.6940	30000.	103	40648	No
163	GOM_NL__2PRFIN20091208_184043_00000512085_00013_40648_5429.N1	08-DEC-2009 18:40:43	Tw_i_and_stray	50.500	27	24Gam Ori	1.6360	26000.	101	40648	No
164	GOM_NL__2PRFIN20091208_184316_00000472085_00013_40648_5430.N1	08-DEC-2009 18:43:16	Tw_i_and_stray	47.000	13	87Alp Tau	0.86700	3800.0	94	40648	No
165	GOM_NL__2PRFIN20091208_184611_00000472085_00013_40648_5431.N1	08-DEC-2009 18:46:11	Bright	47.000	176	23Zet Tau	3.0200	22000.	94	40648	No
166	GOM_NL__2PRFIN20091208_184842_00000442085_00013_40648_5432.N1	08-DEC-2009 18:48:42	Bright	44.000	114	31ot Aur	2.6930	4600.0	88	40648	No
167	GOM_NL__2PRFIN20091208_185257_00000512085_00013_40648_5433.N1	08-DEC-2009 18:52:57	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	40648	No
168	GOM_NL__2PRFIN20091208_190931_00000462085_00013_40648_5434.N1	08-DEC-2009 19:09:31	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	40648	No
169	GOM_NL__2PRFIN20091208_191314_00000392085_00013_40648_5435.N1	08-DEC-2009 19:13:14	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	40648	No
170	GOM_NL__2PRFIN20091208_191533_00000382085_00013_40648_5436.N1	08-DEC-2009 19:15:33	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	40648	No
171	GOM_NL__2PRFIN20091208_191905_00000422085_00013_40648_5437.N1	08-DEC-2009 19:19:05	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	40648	No
172	GOM_NL__2PRFIN20091208_192454_00000372085_00013_40648_5438.N1	08-DEC-2009 19:24:54	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	40648	No
173	GOM_NL__2PRFIN20091208_192821_00000452085_00013_40648_5439.N1	08-DEC-2009 19:28:21	Bright	45.000	138	47Eps Vir	2.8280	4700.0	90	40648	No
174	GOM_NL__2PRFIN20091208_193309_00000542085_00013_40648_5440.N1	08-DEC-2009 19:33:09	Tw_i_and_stray	53.500	121	29Gam Vir	2.7400	7200.0	107	40648	No
175	GOM_NL__2PRFIN20091208_193741_00000452085_00013_40648_5441.N1	08-DEC-2009 19:37:41	Tw_i_and_stray	44.500	169	46Gam Hya	2.9910	4700.0	89	40648	No
176	GOM_NL__2PRFIN20091208_193915_00000492085_00013_40648_5442.N1	08-DEC-2009 19:39:15	Dark	48.500	100	4Gam Crv	2.5800	13100.	97	40648	No
177	GOM_NL__2PRFIN20091208_194052_00000522085_00013_40648_5443.N1	08-DEC-2009 19:40:52	Dark	51.500	171	2Eps Crv	3.0010	4250.0	103	40648	No
178	GOM_NL__2PRFIN20091208_195008_00000472085_00014_40649_5430.N1	08-DEC-2009 19:50:08	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	40649	No
179	GOM_NL__2PRFIN20091208_195848_00000522085_00014_40649_5431.N1	08-DEC-2009 19:58:48	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	40649	No
180	GOM_NL__2PRFIN20091208_200047_00000532085_00014_40649_5432.N1	08-DEC-2009 20:00:47	Dark	52.500	70	Zet Pup	2.2460	39000.	105	40649	No
181	GOM_NL__2PRFIN20091208_200352_00000582085_00014_40649_5433.N1	08-DEC-2009 20:03:52	Dark	57.500	117	Pi Pup	2.7060	3800.0	115	40649	No
182	GOM_NL__2PRFIN20091208_200724_00000562085_00014_40649_5434.N1	08-DEC-2009 20:07:24	Dark	56.000	23	21Eps CMa	1.5020	26000.	112	40649	No
183	GOM_NL__2PRFIN20091208_201231_00000582085_00014_40649_5435.N1	08-DEC-2009 20:12:31	Straylight	58.000	47	2Bet CMa	1.9760	28000.	116	40649	No
184	GOM_NL__2PRFIN20091208_201616_00000522085_00014_40649_5436.N1	08-DEC-2009 20:16:16	Straylight	51.500	7	19Bet Ori	0.10000	14000.	103	40649	No
185	GOM_NL__2PRFIN20091208_201849_00000522085_00014_40649_5437.N1	08-DEC-2009 20:18:49	Straylight	52.000	30	46Eps Ori	1.6940	30000.	104	40649	No
186	GOM_NL__2PRFIN20091208_202119_00000482085_00014_40649_5438.N1	08-DEC-2009 20:21:19	Tw_i_and_stray	47.500	27	24Gam Ori	1.6360	26000.	95	40649	No
187	GOM_NL__2PRFIN20091208_202351_00000492085_00014_40649_5439.N1	08-DEC-2009 20:23:51	Tw_i_and_stray	48.500	13	87Alp Tau	0.86700	3800.0	97	40649	No
188	GOM_NL__2PRFIN20091208_202646_00000482085_00014_40649_5440.N1	08-DEC-2009 20:26:46	Bright	47.500	176	23Zet Tau	3.0200	22000.	95	40649	No
189	GOM_NL__2PRFIN20091208_202918_00000452085_00014_40649_5441.N1	08-DEC-2009 20:29:18	Bright	44.500	114	31ot Aur	2.6930	4600.0	89	40649	No
190	GOM_NL__2PRFIN20091208_203332_00000482085_00014_40649_5442.N1	08-DEC-2009 20:33:32	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	40649	No
191	GOM_NL__2PRFIN20091208_205006_00000482085_00014_40649_5443.N1	08-DEC-2009 20:50:06	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	40649	No
192	GOM_NL__2PRFIN20091208_205350_00000452085_00014_40649_5444.N1	08-DEC-2009 20:53:50	Bright	44.500	32	77Eps UMa	1.7630	11000.	89	40649	No
193	GOM_NL__2PRFIN20091208_205609_00000382085_00014_40649_5445.N1	08-DEC-2009 20:56:09	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	40649	No
194	GOM_NL__2PRFIN20091208_205942_00000632085_00014_40649_5446.N1	08-DEC-2009 20:59:42	Bright	63.000	152	12Alp2CVn	2.8900	11000.	126	40649	No
195	GOM_NL__2PRFIN20091208_210529_00000372085_00014_40649_5447.N1	08-DEC-2009 21:05:29	Bright	37.000	111	8Eta Boo	2.6800	6000.0	74	40649	No
196	GOM_NL__2PRFIN20091208_210857_00000652085_00014_40649_5448.N1	08-DEC-2009 21:08:57	Bright	65.000	138	47Eps Vir	2.8280	4700.0	130	40649	No
197	GOM_NL__2PRFIN20091208_211346_00000512085_00014_40649_5449.N1	08-DEC-2009 21:13:46	Tw_i_and_stray	50.500	121	29Gam Vir	2.7400	7200.0	101	40649	No
198	GOM_NL__2PRFIN20091208_211817_00000442085_00014_40649_5450.N1	08-DEC-2009 21:18:17	Tw_i_and_stray	43.500	169	46Gam Hya	2.9910	4700.0	87	40649	No
199	GOM_NL__2PRFIN20091208_211952_00000522085_00014_40649_5451.N1	08-DEC-2009 21:19:52	Dark	52.000	100	4Gam Crv	2.5800	13100.	104	40649	No
200	GOM_NL__2PRFIN20091208_212129_00000552085_00014_40649_5452.N1	08-DEC-2009 21:21:29	Dark	55.000	171	2Eps Crv	3.0010	4250.0	110	40649	No
201	GOM_NL__2PRFIN20091208_213044_00000462085_00015_40650_5439.N1	08-DEC-2009 21:30:44	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	40650	No
202	GOM_NL__2PRFIN20091208_213924_00000472085_00015_40650_5440.N1	08-DEC-2009 21:39:24	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	40650	No
203	GOM_NL__2PRFIN20091208_214124_00000542085_00015_40650_5441.N1	08-DEC-2009 21:41:24	Dark	54.000	70	Zet Pup	2.2460	39000.	108	40650	No
204	GOM_NL__2PRFIN20091208_214429_00000542085_00015_40650_5442.N1	08-DEC-2009 21:44:29	Dark	54.000	117	Pi Pup	2.7060	3800.0	108	40650	No
205	GOM_NL__2PRFIN20091208_214657_00000262085_00015_40650_5443.N1	08-DEC-2009 21:46:57	Dark	26.000	88	31Eta CMa	2.4480	20000.	52	40650	No
206	GOM_NL__2PRFIN20091208_214800_00000572085_00015_40650_5444.N1	08-DEC-2009 21:48:00	Dark	57.000	23	21Eps CMa	1.5020	26000.	114	40650	No
207	GOM_NL__2PRFIN20091208_215307_00000582085_00015_40650_5445.N1	08-DEC-2009 21:53:07	Straylight	57.500	47	2Bet CMa	1.9760	28000.	115	40650	No
208	GOM_NL__2PRFIN20091208_215652_00000522085_00015_40650_5446.N1	08-DEC-2009 21:56:52	Straylight	51.500	7	19Bet Ori	0.10000	14000.	103	40650	No
209	GOM_NL__2PRFIN20091208_215925_00000522085_00015_40650_5447.N1	08-DEC-2009 21:59:25	Straylight	52.000	30	46Eps Ori	1.6940	30000.	104	40650	No
210	GOM_NL__2PRFIN20091208_220154_00000512085_00015_40650_5448.N1	08-DEC-2009 22:01:54	Tw_i_and_stray	50.500	27	24Gam Ori	1.6360	26000.	101	40650	No
211	GOM_NL__2PRFIN20091208_220427_00000502085_00015_40650_5449.N1	08-DEC-2009 22:04:27	Tw_i_and_stray	50.000	13	87Alp Tau	0.86700	3800.0	100	40650	No
212	GOM_NL__2PRFIN20091208_220721_00000482085_00015_40650_5450.N1	08-DEC-2009 22:07:21	Bright	47.500	176	23Zet Tau	3.0200	22000.	95	40650	No
213	GOM_NL__2PRFIN20091208_220953_00000422085_00015_40650_5451.N1	08-DEC-2009 22:09:53	Bright	42.000	114	31ot Aur	2.6930	4600.0	84	40650	No
214	GOM_NL__2PRFIN20091208_221408_00000442085_00015_40650_5452.N1	08-DEC-2009 22:14:08	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	40650	No
215	GOM_NL__2PRFIN20091208_223041_00000492085_00015_40650_5453.N1	08-DEC-2009 22:30:41	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	40650	No
216	GOM_NL__2PRFIN20091208_223426_00000422085_00015_40650_5454.N1	08-DEC-2009 22:34:26	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	40650	No
217	GOM_NL__2PRFIN20091208_223645_00000402085_00015_40650_5455.N1	08-DEC-2009 22:36:45	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	40650	No
218	GOM_NL__2PRFIN20091208_224017_00000442085_00015_40650_5456.N1	08-DEC-2009 22:40:17	Bright	43.500	152	12Alp2CVn	2.8900	11000.	87	40650	No
219	GOM_NL__2PRFIN20091208_224606_00000382085_00015_40650_5457.N1	08-DEC-2009 22:46:06	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	40650	No

220	GOM_NL__2PRFIN20091208_224934_000000652085_00015_40650_5458.N1	08-DEC-2009 22:49:34	Bright	65.000	138	47Eps Vir	2.8280	4700.0	130	40650	No
221	GOM_NL__2PRFIN20091208_225422_000000522085_00015_40650_5459.N1	08-DEC-2009 22:54:22	Twilight	51.500	121	29Gam Vir	2.7400	7200.0	103	40650	No
222	GOM_NL__2PRFIN20091208_225854_000000422085_00015_40650_5460.N1	08-DEC-2009 22:58:54	Twilight	42.000	169	46Gam Hya	2.9910	4700.0	84	40650	No
223	GOM_NL__2PRFIN20091208_230206_000000552085_00015_40650_5461.N1	08-DEC-2009 23:02:06	Dark	55.000	171	2Eps Crv	3.0010	4250.0	110	40650	No
224	GOM_NL__2PRFIN20091208_231121_000000452085_00016_40651_5448.N1	08-DEC-2009 23:11:21	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	40651	No
225	GOM_NL__2PRFIN20091208_232001_000000482085_00016_40651_5449.N1	08-DEC-2009 23:20:01	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	40651	No
226	GOM_NL__2PRFIN20091208_232201_000000552085_00016_40651_5450.N1	08-DEC-2009 23:22:01	Dark	54.500	70	Zet Pup	2.2460	39000.	109	40651	No
227	GOM_NL__2PRFIN20091208_232506_000000582085_00016_40651_5451.N1	08-DEC-2009 23:25:06	Dark	57.500	117	Pi Pup	2.7060	3800.0	115	40651	No
228	GOM_NL__2PRFIN20091208_232733_000000262085_00016_40651_5452.N1	08-DEC-2009 23:27:33	Dark	26.000	88	31Eta CMa	2.4480	20000.	52	40651	No
229	GOM_NL__2PRFIN20091208_232836_000000592085_00016_40651_5453.N1	08-DEC-2009 23:28:36	Dark	59.000	23	21Eps CMa	1.5020	26000.	118	40651	No
230	GOM_NL__2PRFIN20091208_233343_000000582085_00016_40651_5454.N1	08-DEC-2009 23:33:43	Straylight	58.000	47	2Bet CMa	1.9760	28000.	116	40651	No
231	GOM_NL__2PRFIN20091208_233728_000000492085_00016_40651_5455.N1	08-DEC-2009 23:37:28	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	40651	No
232	GOM_NL__2PRFIN20091208_234000_000000552085_00016_40651_5456.N1	08-DEC-2009 23:40:00	Straylight	55.000	30	46Eps Ori	1.6940	30000.	110	40651	No
233	GOM_NL__2PRFIN20091208_234230_000000512085_00016_40651_5457.N1	08-DEC-2009 23:42:30	Twilight	50.500	27	24Gam Ori	1.6360	26000.	101	40651	No
234	GOM_NL__2PRFIN20091208_234502_000000532085_00016_40651_5458.N1	08-DEC-2009 23:45:02	Bright	53.000	13	87Alp Tau	0.86700	3800.0	106	40651	No
235	GOM_NL__2PRFIN20091208_234757_000000472085_00016_40651_5459.N1	08-DEC-2009 23:47:57	Bright	47.000	176	23Zet Tau	3.0200	22000.	94	40651	No
236	GOM_NL__2PRFIN20091208_235028_000000432085_00016_40651_5460.N1	08-DEC-2009 23:50:28	Bright	43.000	114	3lot Aur	2.6930	4600.0	86	40651	No
237	GOM_NL__2PRFIN20091208_235443_000000472085_00016_40651_5461.N1	08-DEC-2009 23:54:43	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	40651	No

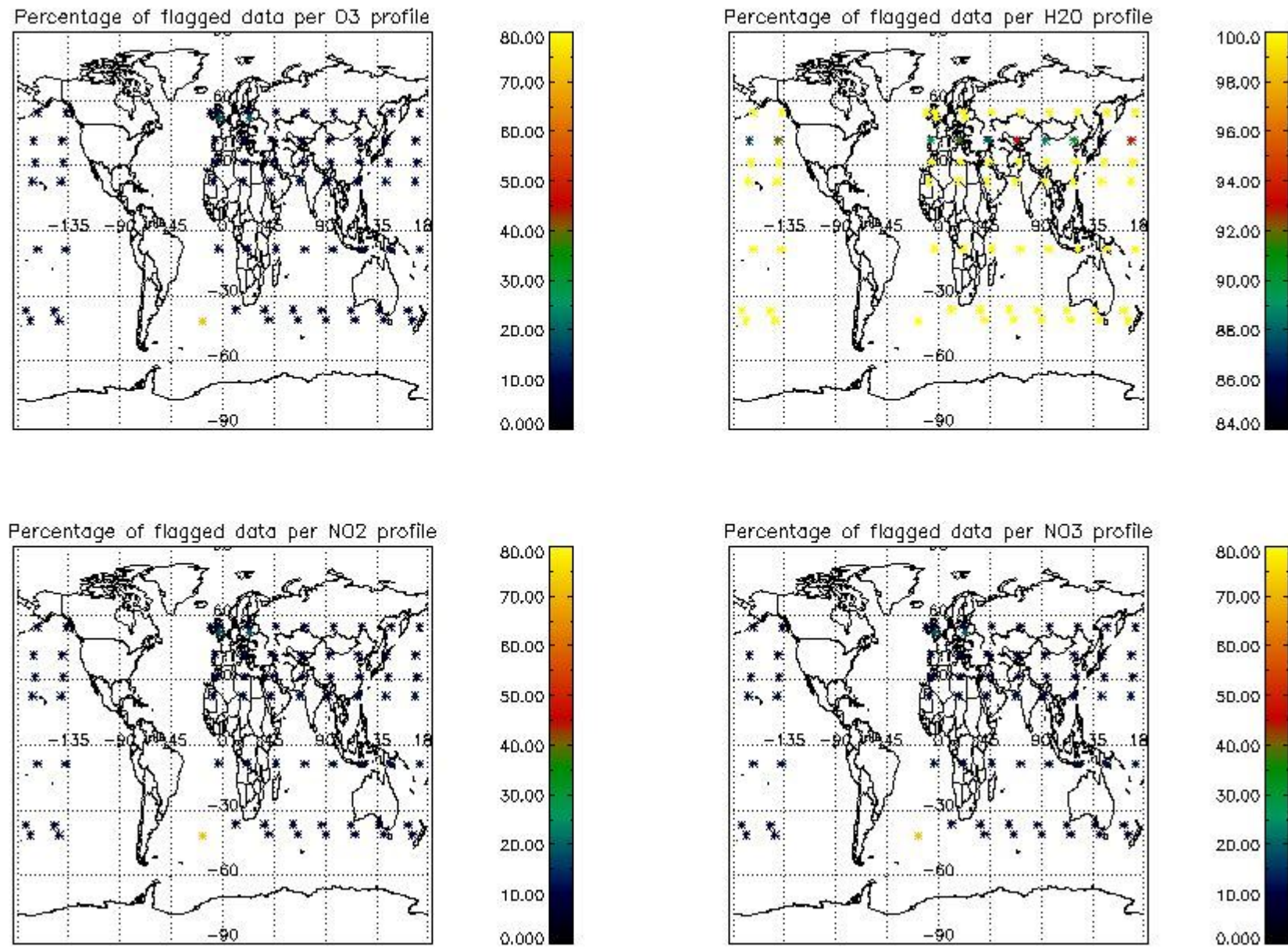
### 3. Quality information per product

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)



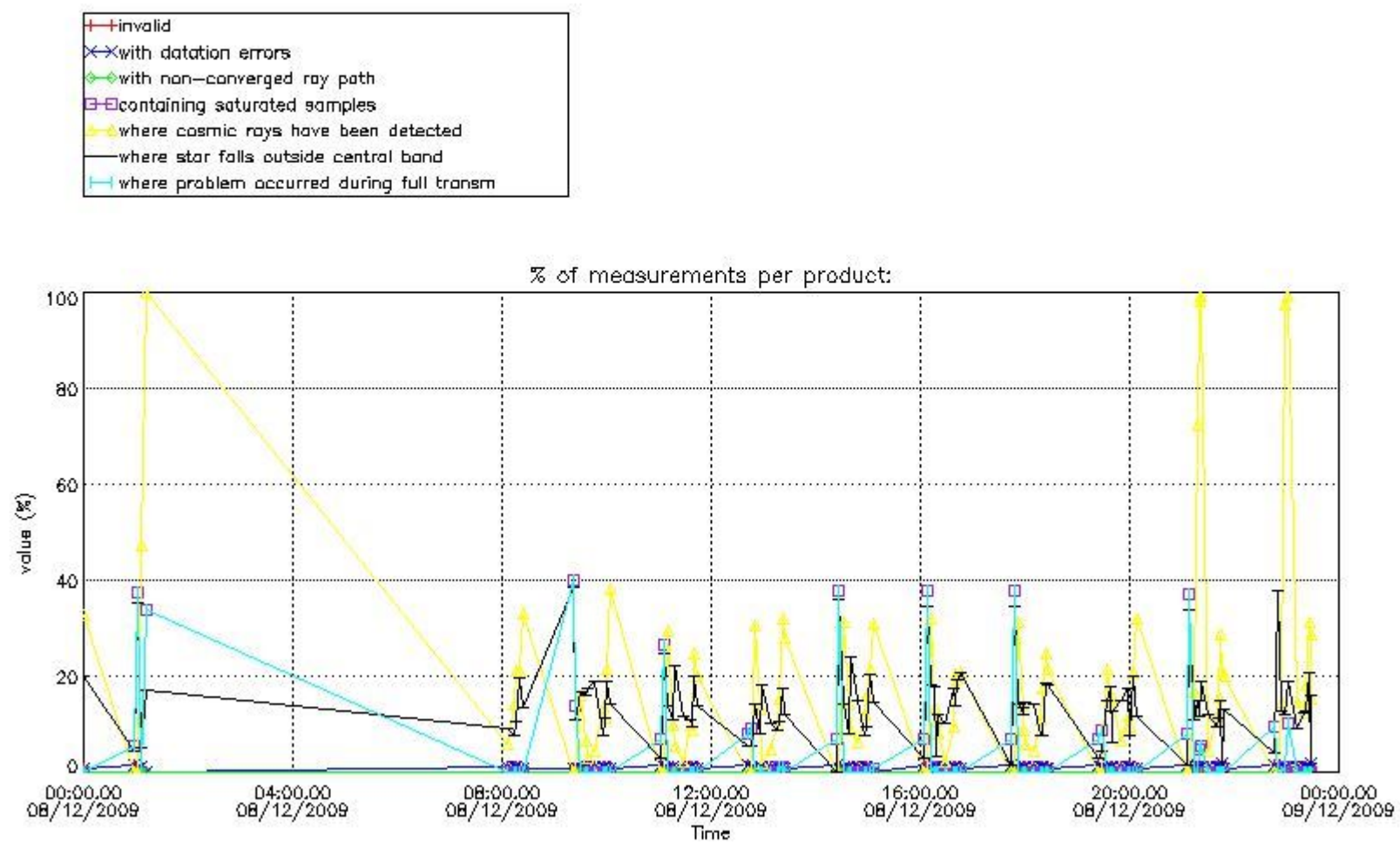
### 4. Level 1 quality information per product

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

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

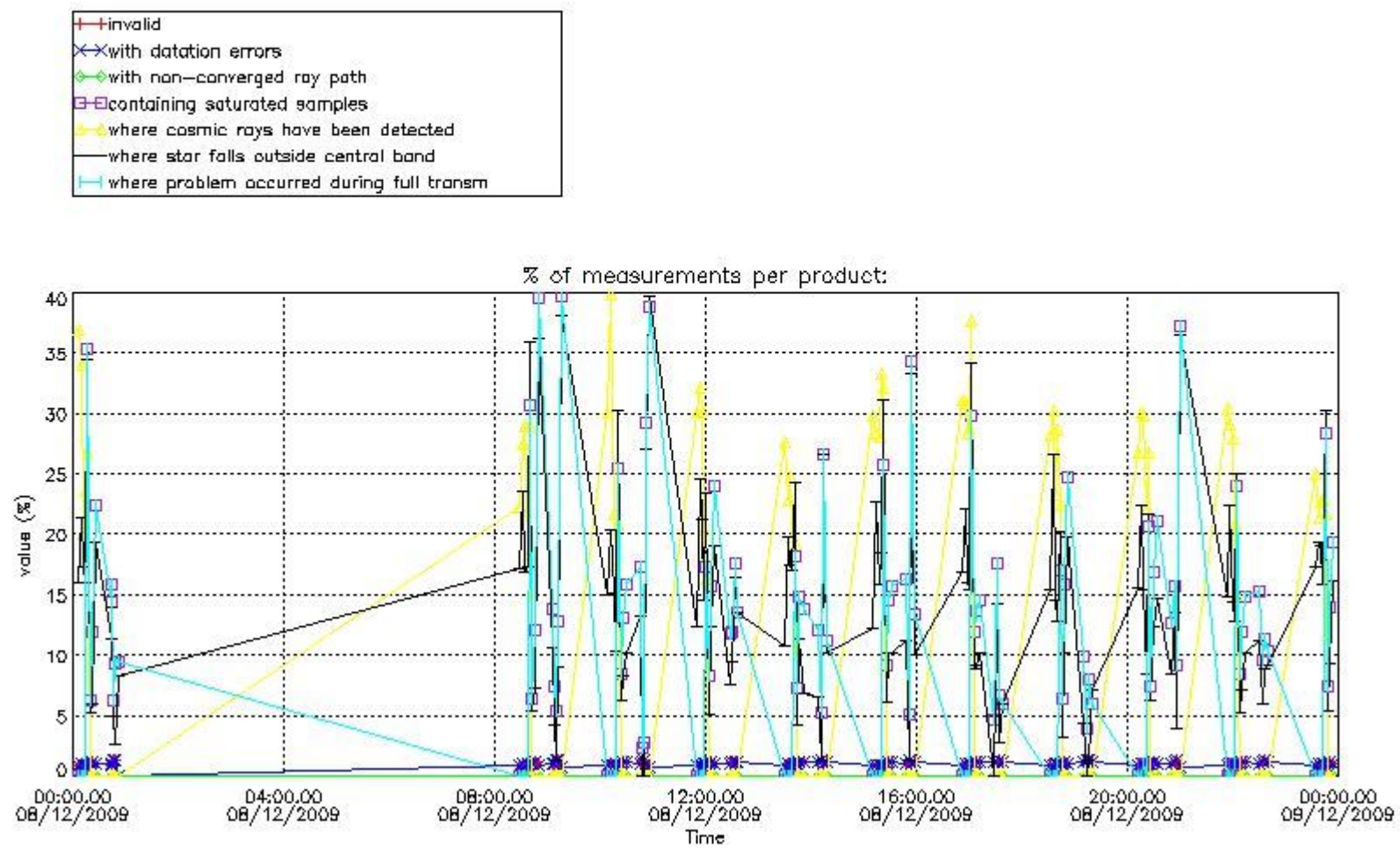
##### 4.1.1 Plot level 1 quality information per product (time dependant): ENVISAT ASCENDING passes





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

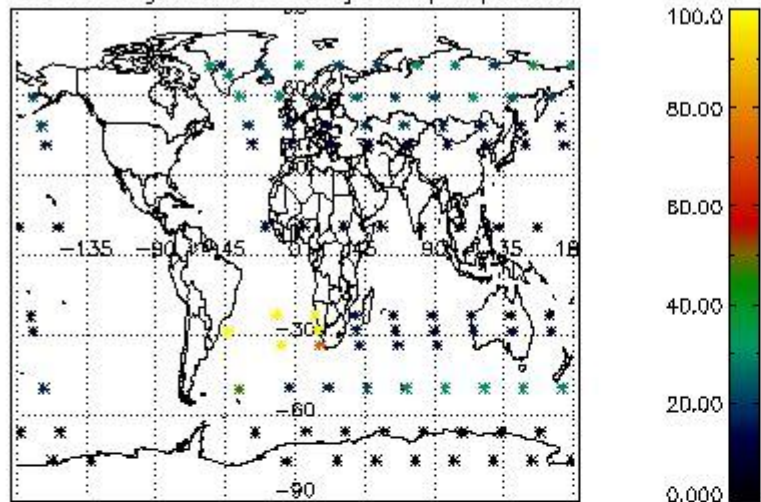




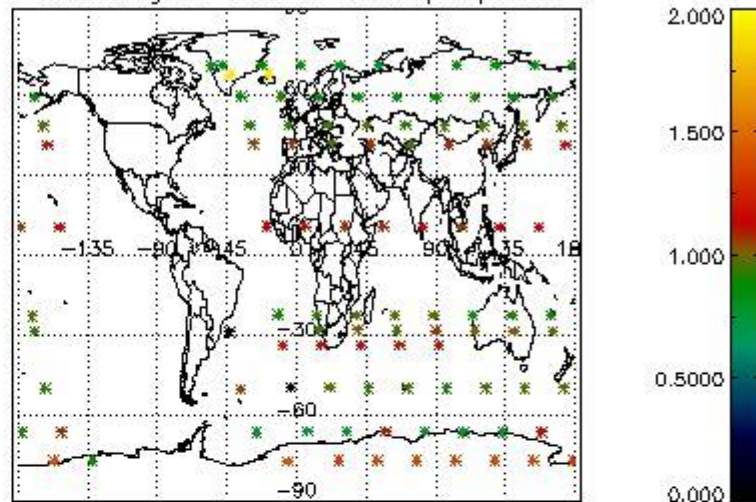
*4.2 Plot quality information per product coming from level 1b processing (world map)*

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

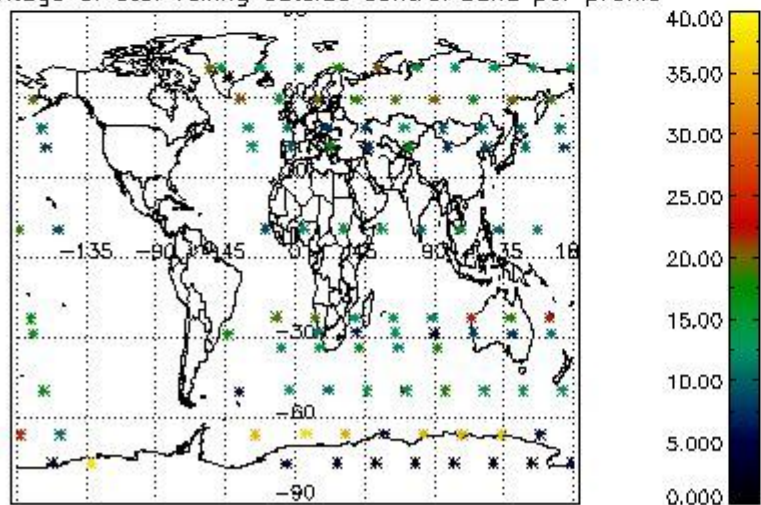
Percentage of cosmic ray hits per profile



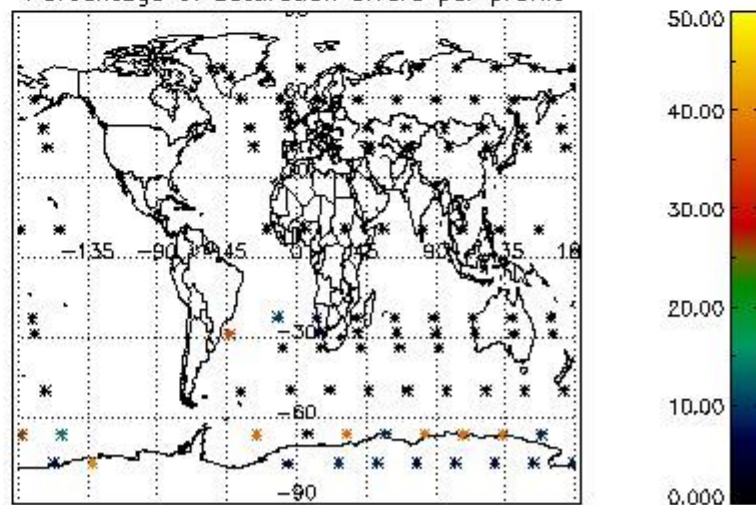
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

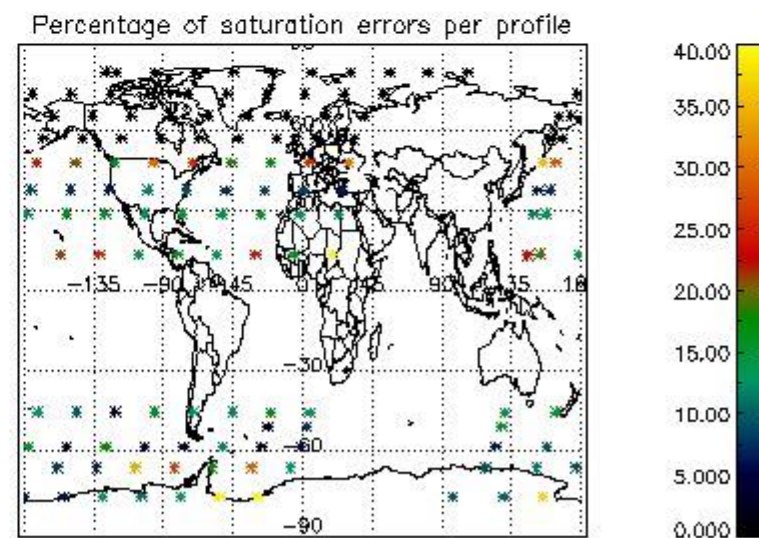
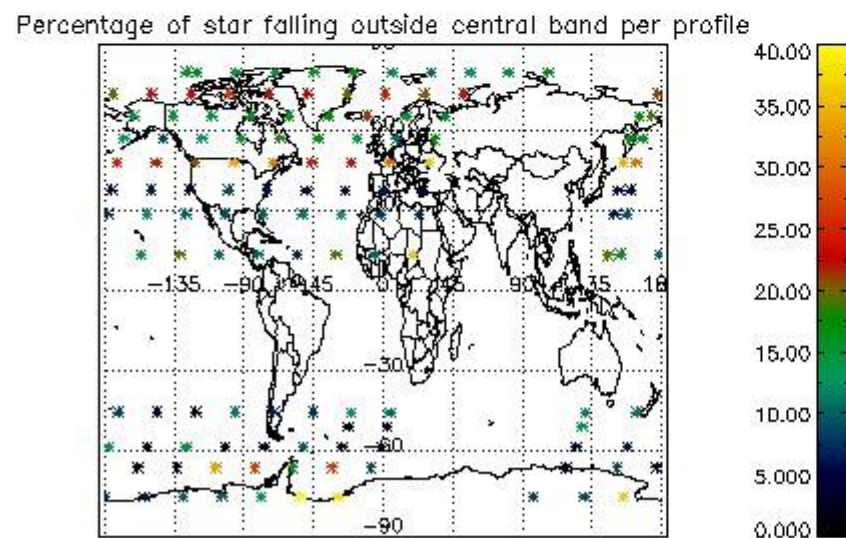
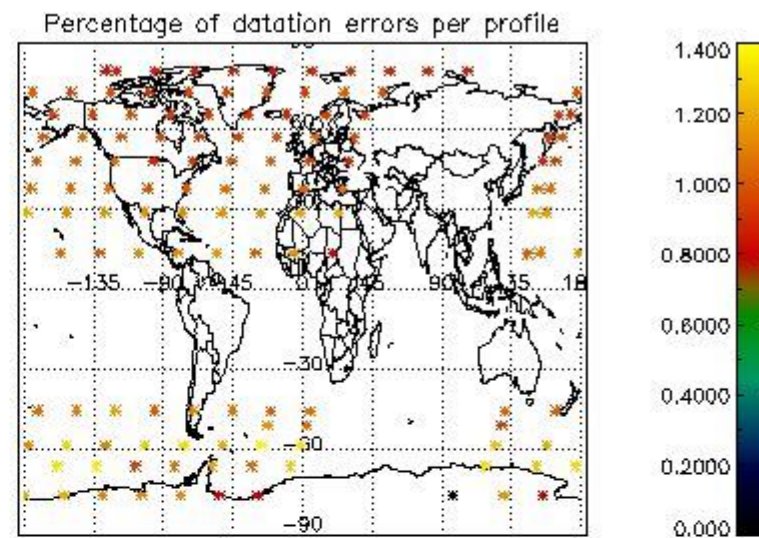
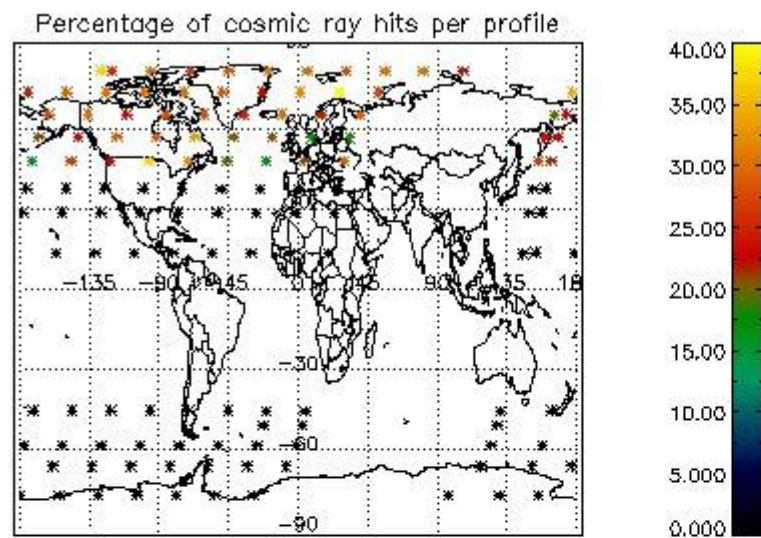


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

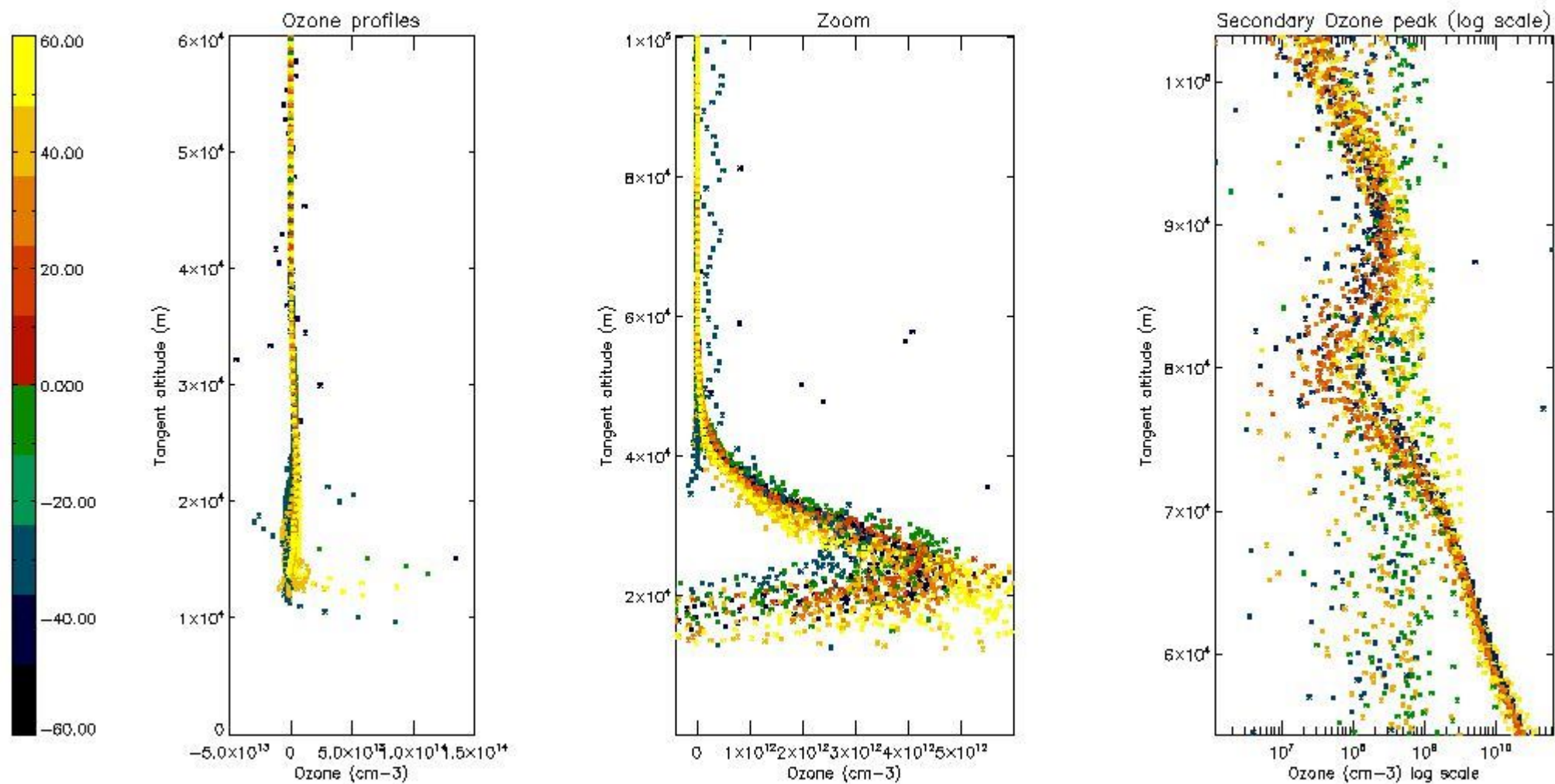
Criteria	% of total production
All STD	32
STD < 20	16



STD < 10	12
STD < 5	9

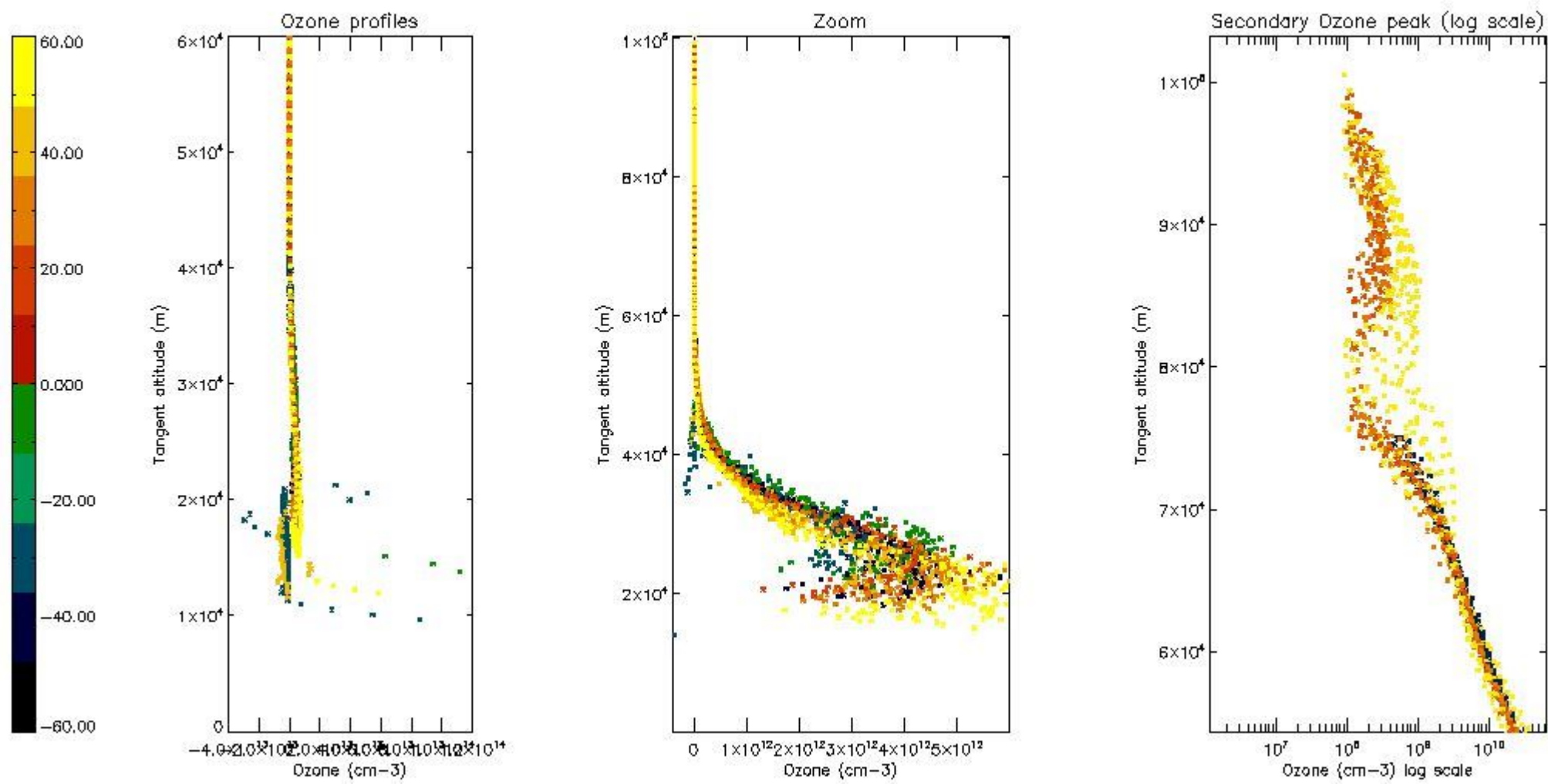
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



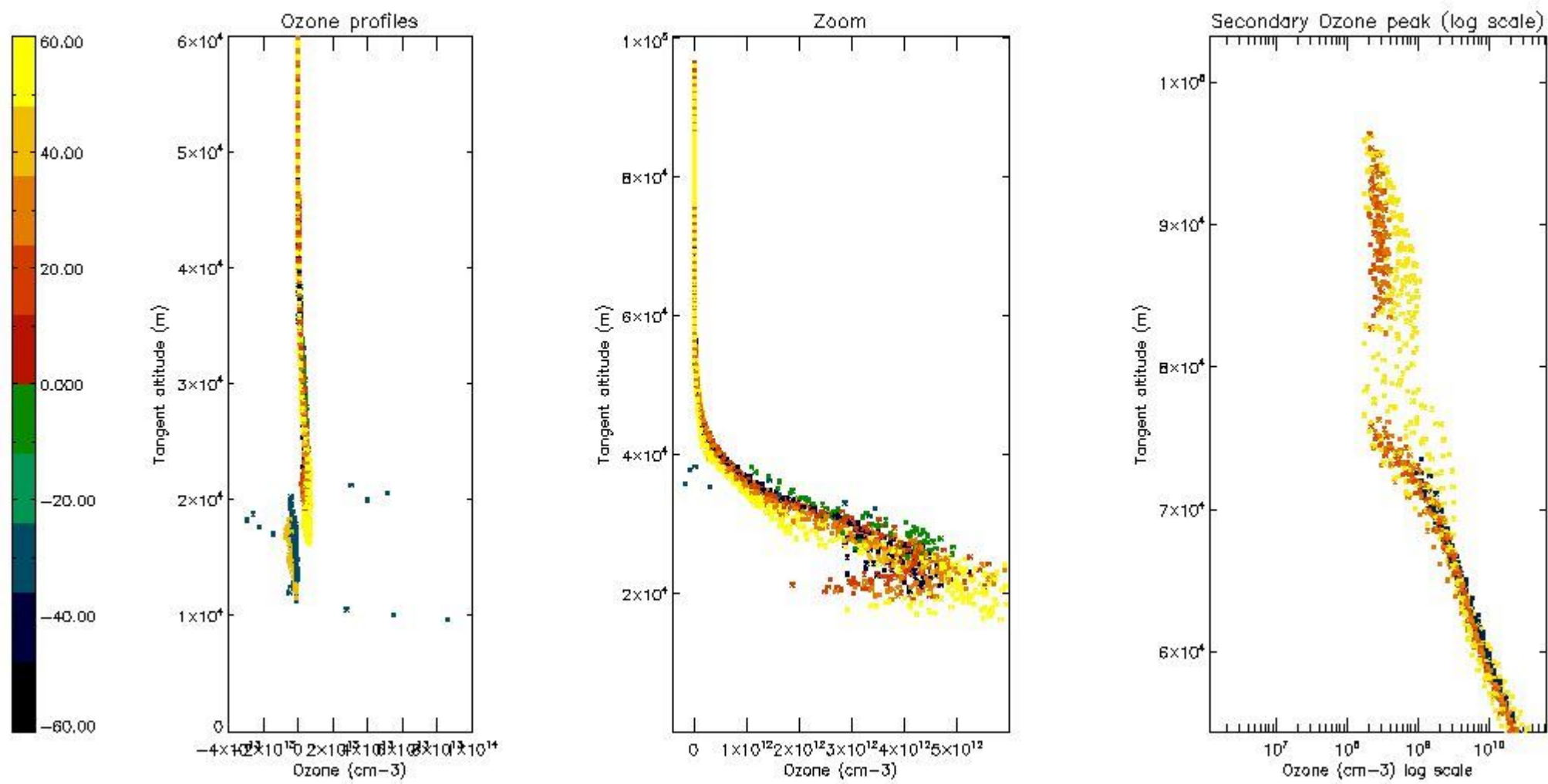
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

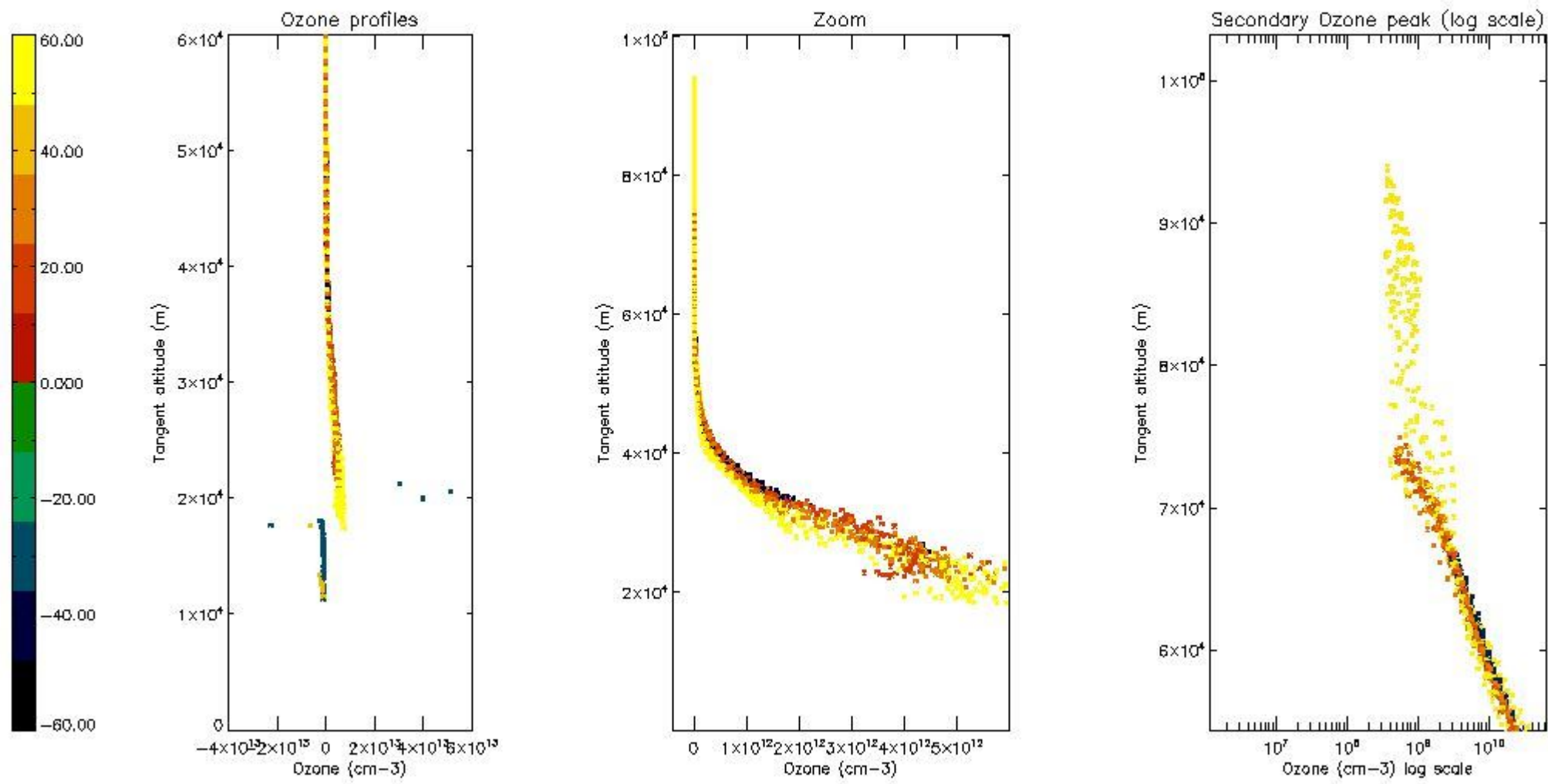
The colorbar represents the latitude.



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

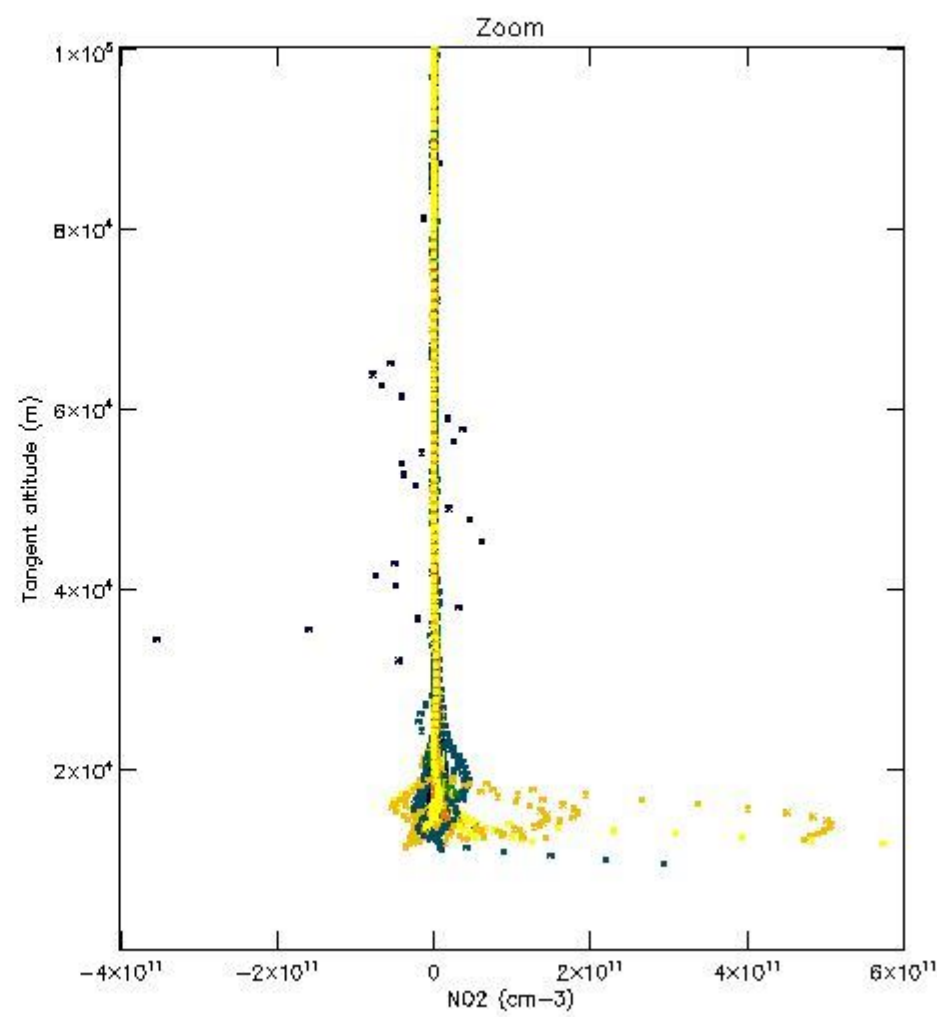
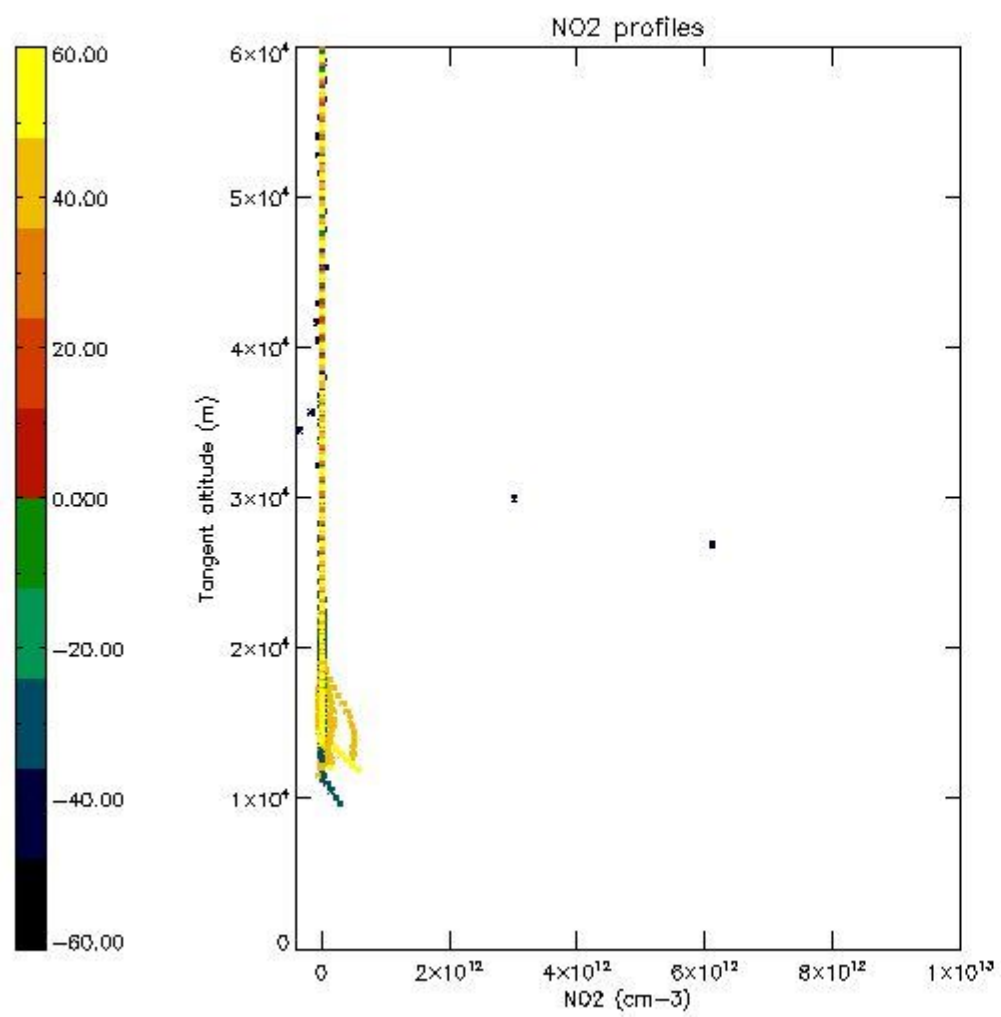
The colorbar represents the latitude.





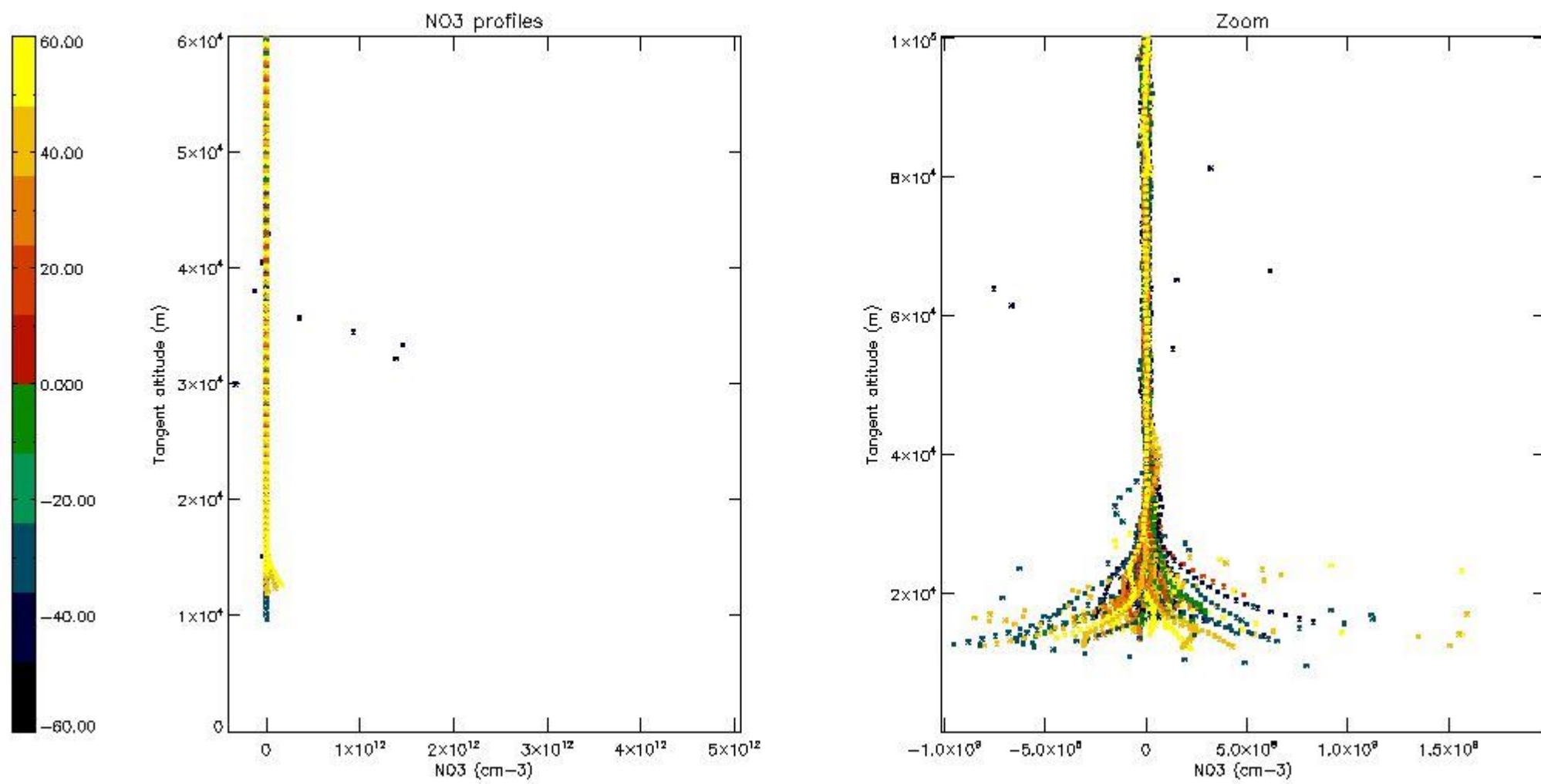
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

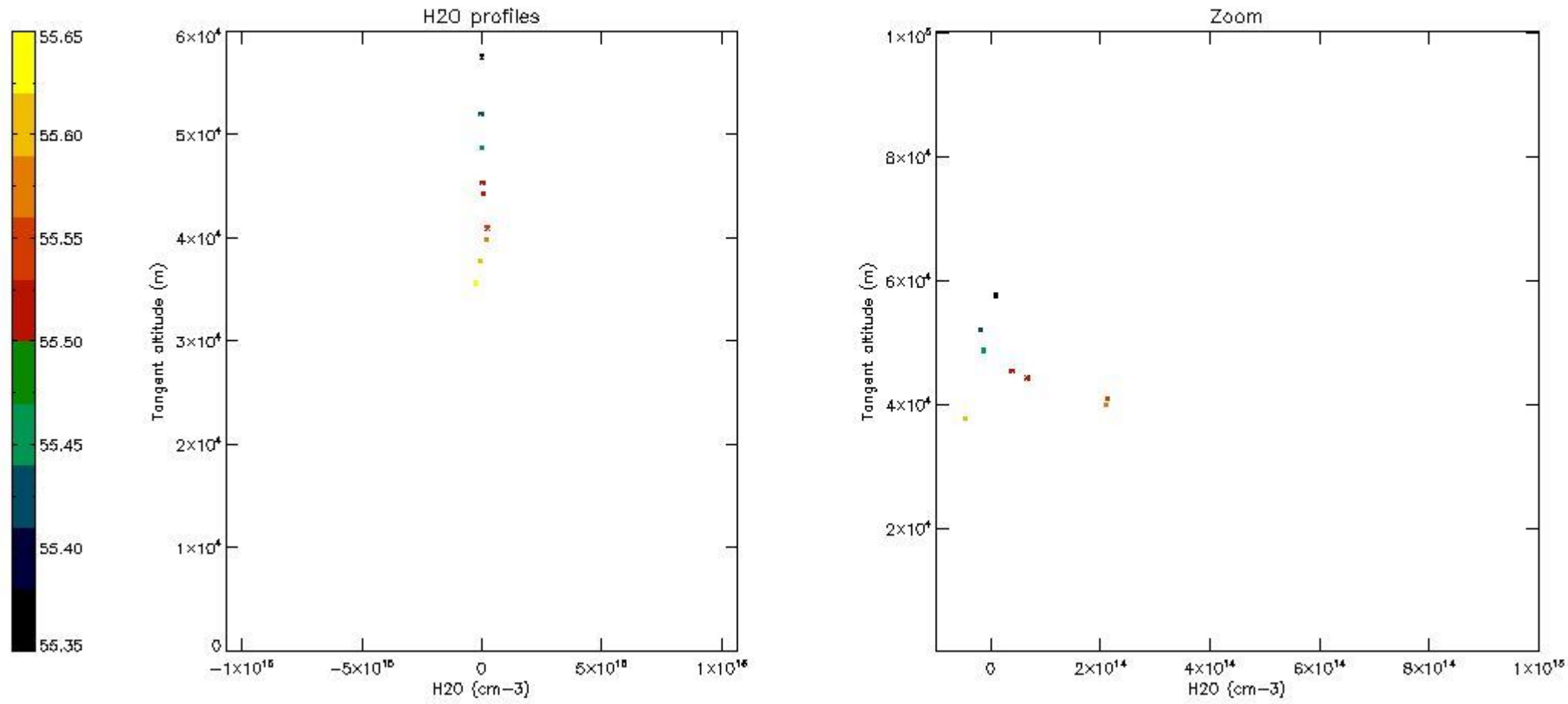
The colorbar represents the latitude.



5.8 Plot H<sub>2</sub>O 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	08-DEC-2009 00:00:06
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	08-DEC-2009 00:00:06
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	08-DEC-2009 00:00:06

# GOMOS Level 2 Daily Report

## SUMMARY

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### [2. Summary of processed GOM\\_NL\\_2P products](#)

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

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

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### [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 15:49:20
Data source version	GOMOS/6.01
Start time of products	08-12-2009 (08DEC2009 00:00:00)
Stop time of products	09-12-2009 (09DEC2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	237
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__2PRFIN20091208_000006_00000632085_00002_40637_5237.N1	08-DEC-2009 00:00:06	Dark	62.500	23	21Eps CMa	1.5020	26000.	125	40637	No
2	GOM_NL__2PRFIN20091208_000518_00000602085_00002_40637_5238.N1	08-DEC-2009 00:05:18	Straylight	59.500	47	2Bet CMa	1.9760	28000.	119	40637	No
3	GOM_NL__2PRFIN20091208_000905_00000522085_00002_40637_5239.N1	08-DEC-2009 00:09:05	Straylight	51.500	7	19Bet Ori	0.10000	14000.	103	40637	No
4	GOM_NL__2PRFIN20091208_001140_00000552085_00002_40637_5240.N1	08-DEC-2009 00:11:40	Straylight	55.000	30	46Eps Ori	1.6940	30000.	110	40637	No
5	GOM_NL__2PRFIN20091208_001412_00000532085_00002_40637_5241.N1	08-DEC-2009 00:14:12	Twilight_stray	53.000	27	24Gam Ori	1.6360	26000.	106	40637	No
6	GOM_NL__2PRFIN20091208_001642_00000582085_00002_40637_5242.N1	08-DEC-2009 00:16:42	Bright	58.000	13	87Alp Tau	0.86700	3800.0	116	40637	No
7	GOM_NL__2PRFIN20091208_001942_00000482085_00002_40637_5243.N1	08-DEC-2009 00:19:42	Bright	48.000	176	23Zet Tau	3.0200	22000.	96	40637	No
8	GOM_NL__2PRFIN20091208_002211_00000422085_00002_40637_5244.N1	08-DEC-2009 00:22:11	Bright	42.000	114	3lot Aur	2.6930	4600.0	84	40637	No
9	GOM_NL__2PRFIN20091208_002627_00000492085_00002_40637_5245.N1	08-DEC-2009 00:26:27	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	40637	No
10	GOM_NL__2PRFIN20091208_004300_00000492085_00002_40637_5246.N1	08-DEC-2009 00:43:00	Bright	48.500	36	50Alp UMa	1.8000	6300.0	97	40637	No
11	GOM_NL__2PRFIN20091208_004433_00000542085_00002_40637_5247.N1	08-DEC-2009 00:44:33	Bright	53.500	82	48Bet UMa	2.3650	10600.	107	40637	No
12	GOM_NL__2PRFIN20091208_004640_00000402085_00002_40637_5248.N1	08-DEC-2009 00:46:40	Bright	40.000	32	77Eps UMa	1.7630	11000.	80	40637	No
13	GOM_NL__2PRFIN20091208_004858_00000382085_00002_40637_5249.N1	08-DEC-2009 00:48:58	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	40637	No
14	GOM_NL__2PRFIN20091208_005230_00000422085_00002_40637_5250.N1	08-DEC-2009 00:52:30	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	40637	No
15	GOM_NL__2PRFIN20091208_005815_00000362085_00002_40637_5251.N1	08-DEC-2009 00:58:15	Bright	35.500	111	8Eta Boo	2.6800	6000.0	71	40637	No
16	GOM_NL__2PRFIN20091208_010140_00000642085_00002_40637_5252.N1	08-DEC-2009 01:01:40	Bright	64.000	138	47Eps Vir	2.8280	4700.0	128	40637	No
17	GOM_NL__2PRFIN20091208_010625_00000482085_00002_40637_5253.N1	08-DEC-2009 01:06:25	Twilight_stray	47.500	121	29Gam Vir	2.7400	7200.0	95	40637	No
18	GOM_NL__2PRFIN20091208_011228_00000532085_00002_40637_5254.N1	08-DEC-2009 01:12:28	Dark	53.000	100	4Gam Crv	2.5800	13100.	106	40637	No
19	GOM_NL__2PRFIN20091208_080551_00000442085_00007_40642_5283.N1	08-DEC-2009 08:05:51	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	40642	No
20	GOM_NL__2PRFIN20091208_081431_00000462085_00007_40642_5284.N1	08-DEC-2009 08:14:31	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	40642	No
21	GOM_NL__2PRFIN20091208_081630_00000532085_00007_40642_5285.N1	08-DEC-2009 08:16:30	Dark	52.500	70	Zet Pup	2.2460	39000.	105	40642	No
22	GOM_NL__2PRFIN20091208_081937_00000572085_00007_40642_5286.N1	08-DEC-2009 08:19:37	Dark	56.500	117	Pi Pup	2.7060	3800.0	113	40642	No
23	GOM_NL__2PRFIN20091208_082309_00000562085_00007_40642_5287.N1	08-DEC-2009 08:23:09	Dark	56.000	23	21Eps CMa	1.5020	26000.	112	40642	No
24	GOM_NL__2PRFIN20091208_082819_00000592085_00007_40642_5288.N1	08-DEC-2009 08:28:19	Straylight	58.500	47	2Bet CMa	1.9760	28000.	117	40642	No
25	GOM_NL__2PRFIN20091208_083205_00000512085_00007_40642_5289.N1	08-DEC-2009 08:32:05	Straylight	51.000	7	19Bet Ori	0.10000	14000.	102	40642	No
26	GOM_NL__2PRFIN20091208_083439_00000542085_00007_40642_5290.N1	08-DEC-2009 08:34:39	Straylight	53.500	30	46Eps Ori	1.6940	30000.	107	40642	No
27	GOM_NL__2PRFIN20091208_083710_00000522085_00007_40642_5291.N1	08-DEC-2009 08:37:10	Twilight_stray	52.000	27	24Gam Ori	1.6360	26000.	104	40642	No
28	GOM_NL__2PRFIN20091208_083942_00000572085_00007_40642_5292.N1	08-DEC-2009 08:39:42	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	40642	No
29	GOM_NL__2PRFIN20091208_084240_00000472085_00007_40642_5293.N1	08-DEC-2009 08:42:40	Bright	46.500	176	23Zet Tau	3.0200	22000.	93	40642	No
30	GOM_NL__2PRFIN20091208_084510_00000422085_00007_40642_5294.N1	08-DEC-2009 08:45:10	Bright	41.500	114	3lot Aur	2.6930	4600.0	83	40642	No
31	GOM_NL__2PRFIN20091208_084925_00000622085_00007_40642_5295.N1	08-DEC-2009 08:49:25	Bright	62.000	6	13Alp Aur	0.080000	3400.0	124	40642	No
32	GOM_NL__2PRFIN20091208_090558_00000472085_00007_40642_5296.N1	08-DEC-2009 09:05:58	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	40642	No
33	GOM_NL__2PRFIN20091208_090731_00000482085_00007_40642_5297.N1	08-DEC-2009 09:07:31	Bright	47.500	82	48Bet UMa	2.3650	10600.	95	40642	No
34	GOM_NL__2PRFIN20091208_090940_00000382085_00007_40642_5298.N1	08-DEC-2009 09:09:40	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	40642	No
35	GOM_NL__2PRFIN20091208_091158_00000392085_00007_40642_5299.N1	08-DEC-2009 09:11:58	Bright	39.000	39	85Eta UMa	1.8540	24000.	78	40642	No
36	GOM_NL__2PRFIN20091208_091531_00000632085_00007_40642_5300.N1	08-DEC-2009 09:15:31	Bright	63.000	152	12Alp2CVn	2.8900	11000.	126	40642	No
37	GOM_NL__2PRFIN20091208_092117_00000562085_00007_40642_5301.N1	08-DEC-2009 09:21:17	Bright	56.000	111	8Eta Boo	2.6800	6000.0	112	40642	No
38	GOM_NL__2PRFIN20091208_092443_00000472085_00007_40642_5302.N1	08-DEC-2009 09:24:43	Bright	46.500	138	47Eps Vir	2.8280	4700.0	93	40642	No
39	GOM_NL__2PRFIN20091208_092929_00000542085_00007_40642_5303.N1	08-DEC-2009 09:29:29	Twilight_stray	53.500	121	29Gam Vir	2.7400	7200.0	107	40642	No
40	GOM_NL__2PRFIN20091208_093534_00000542085_00007_40642_5304.N1	08-DEC-2009 09:35:34	Dark	53.500	100	4Gam Crv	2.5800	13100.	107	40642	No
41	GOM_NL__2PRFIN20091208_093711_00000522085_00007_40642_5305.N1	08-DEC-2009 09:37:11	Dark	52.000	171	2Eps Crv	3.0010	4250.0	104	40642	No
42	GOM_NL__2PRFIN20091208_094628_00000482085_00008_40643_5344.N1	08-DEC-2009 09:46:28	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	40643	No



43	GOM_NL__2PRFIN20091208_095508_000000452085_00008_40643_5345.N1	08-DEC-2009 09:55:08	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	40643	No
44	GOM_NL__2PRFIN20091208_095707_000000532085_00008_40643_5346.N1	08-DEC-2009 09:57:07	Dark	52.500	70	Zet Pup	2.2460	39000.	105	40643	No
45	GOM_NL__2PRFIN20091208_100014_000000562085_00008_40643_5347.N1	08-DEC-2009 10:00:14	Dark	55.500	117	Pi Pup	2.7060	3800.0	111	40643	No
46	GOM_NL__2PRFIN20091208_100346_000000572085_00008_40643_5348.N1	08-DEC-2009 10:03:46	Dark	56.500	23	21Eps CMa	1.5020	26000.	113	40643	No
47	GOM_NL__2PRFIN20091208_100855_000000572085_00008_40643_5349.N1	08-DEC-2009 10:08:55	Straylight	56.500	47	2Bet CMa	1.9760	28000.	113	40643	No
48	GOM_NL__2PRFIN20091208_101241_000000492085_00008_40643_5350.N1	08-DEC-2009 10:12:41	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	40643	No
49	GOM_NL__2PRFIN20091208_101515_000000532085_00008_40643_5351.N1	08-DEC-2009 10:15:15	Straylight	53.000	30	46Eps Ori	1.6940	30000.	106	40643	No
50	GOM_NL__2PRFIN20091208_101746_000000492085_00008_40643_5352.N1	08-DEC-2009 10:17:46	Tw_i_and_stray	48.500	27	24Gam Ori	1.6360	26000.	97	40643	No
51	GOM_NL__2PRFIN20091208_102017_000000532085_00008_40643_5353.N1	08-DEC-2009 10:20:17	Bright	53.000	13	87Alp Tau	0.86700	3800.0	106	40643	No
52	GOM_NL__2PRFIN20091208_102315_000000482085_00008_40643_5354.N1	08-DEC-2009 10:23:15	Bright	47.500	176	23Zet Tau	3.0200	22000.	95	40643	No
53	GOM_NL__2PRFIN20091208_102545_000000422085_00008_40643_5355.N1	08-DEC-2009 10:25:45	Bright	42.000	114	3Iot Aur	2.6930	4600.0	84	40643	No
54	GOM_NL__2PRFIN20091208_103001_000000442085_00008_40643_5356.N1	08-DEC-2009 10:30:01	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	40643	No
55	GOM_NL__2PRFIN20091208_104634_000000492085_00008_40643_5357.N1	08-DEC-2009 10:46:34	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	40643	No
56	GOM_NL__2PRFIN20091208_104806_000000442085_00008_40643_5358.N1	08-DEC-2009 10:48:06	Bright	43.500	82	48Bet UMa	2.3650	10600.	87	40643	No
57	GOM_NL__2PRFIN20091208_105016_000000372085_00008_40643_5359.N1	08-DEC-2009 10:50:16	Bright	36.500	32	77Eps UMa	1.7630	11000.	73	40643	No
58	GOM_NL__2PRFIN20091208_105234_000000482085_00008_40643_5360.N1	08-DEC-2009 10:52:34	Bright	48.000	39	85Eta UMa	1.8540	24000.	96	40643	No
59	GOM_NL__2PRFIN20091208_105606_000000632085_00008_40643_5361.N1	08-DEC-2009 10:56:06	Bright	63.000	152	12Alp2CVn	2.8900	11000.	126	40643	No
60	GOM_NL__2PRFIN20091208_110153_000000362085_00008_40643_5362.N1	08-DEC-2009 11:01:53	Bright	36.000	111	8Eta Boo	2.6800	6000.0	72	40643	No
61	GOM_NL__2PRFIN20091208_110520_000000552085_00008_40643_5363.N1	08-DEC-2009 11:05:20	Bright	54.500	138	47Eps Vir	2.8280	4700.0	109	40643	No
62	GOM_NL__2PRFIN20091208_111006_000000512085_00008_40643_5364.N1	08-DEC-2009 11:10:06	Tw_i_and_stray	51.000	121	29Gam Vir	2.7400	7200.0	102	40643	No
63	GOM_NL__2PRFIN20091208_111611_000000512085_00008_40643_5365.N1	08-DEC-2009 11:16:11	Dark	50.500	100	4Gam Crv	2.5800	13100.	101	40643	No
64	GOM_NL__2PRFIN20091208_111747_000000572085_00008_40643_5366.N1	08-DEC-2009 11:17:47	Dark	56.500	171	2Eps Crv	3.0010	4250.0	113	40643	No
65	GOM_NL__2PRFIN20091208_112704_000000442085_00009_40644_5342.N1	08-DEC-2009 11:27:04	Dark	43.500	113	Mu Vel	2.6920	5000.0	87	40644	No
66	GOM_NL__2PRFIN20091208_113544_000000472085_00009_40644_5343.N1	08-DEC-2009 11:35:44	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	40644	No
67	GOM_NL__2PRFIN20091208_113744_000000522085_00009_40644_5344.N1	08-DEC-2009 11:37:44	Dark	52.000	70	Zet Pup	2.2460	39000.	104	40644	No
68	GOM_NL__2PRFIN20091208_114050_000000572085_00009_40644_5345.N1	08-DEC-2009 11:40:50	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	40644	No
69	GOM_NL__2PRFIN20091208_114421_000000582085_00009_40644_5346.N1	08-DEC-2009 11:44:21	Dark	58.000	23	21Eps CMa	1.5020	26000.	116	40644	No
70	GOM_NL__2PRFIN20091208_114930_000000572085_00009_40644_5347.N1	08-DEC-2009 11:49:30	Straylight	56.500	47	2Bet CMa	1.9760	28000.	113	40644	No
71	GOM_NL__2PRFIN20091208_115317_000000532085_00009_40644_5348.N1	08-DEC-2009 11:53:17	Straylight	53.000	7	19Bet Ori	0.10000	14000.	106	40644	No
72	GOM_NL__2PRFIN20091208_115550_000000572085_00009_40644_5349.N1	08-DEC-2009 11:55:50	Straylight	56.500	30	46Eps Ori	1.6940	30000.	113	40644	No
73	GOM_NL__2PRFIN20091208_115820_000000522085_00009_40644_5350.N1	08-DEC-2009 11:58:20	Tw_i_and_stray	51.500	27	24Gam Ori	1.6360	26000.	103	40644	No
74	GOM_NL__2PRFIN20091208_120052_000000492085_00009_40644_5351.N1	08-DEC-2009 12:00:52	Bright	49.000	13	87Alp Tau	0.86700	3800.0	98	40644	No
75	GOM_NL__2PRFIN20091208_120349_000000492085_00009_40644_5352.N1	08-DEC-2009 12:03:49	Bright	48.500	176	23Zet Tau	3.0200	22000.	97	40644	No
76	GOM_NL__2PRFIN20091208_120620_000000452085_00009_40644_5353.N1	08-DEC-2009 12:06:20	Bright	44.500	114	3Iot Aur	2.6930	4600.0	89	40644	No
77	GOM_NL__2PRFIN20091208_121035_000000502085_00009_40644_5354.N1	08-DEC-2009 12:10:35	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	40644	No
78	GOM_NL__2PRFIN20091208_122709_000000472085_00009_40644_5355.N1	08-DEC-2009 12:27:09	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	40644	No
79	GOM_NL__2PRFIN20091208_123051_000000422085_00009_40644_5356.N1	08-DEC-2009 12:30:51	Bright	42.000	32	77Eps UMa	1.7630	11000.	84	40644	No
80	GOM_NL__2PRFIN20091208_123309_000000432085_00009_40644_5357.N1	08-DEC-2009 12:33:09	Bright	42.500	39	85Eta UMa	1.8540	24000.	85	40644	No
81	GOM_NL__2PRFIN20091208_123642_000000452085_00009_40644_5358.N1	08-DEC-2009 12:36:42	Bright	44.500	152	12Alp2CVn	2.8900	11000.	89	40644	No
82	GOM_NL__2PRFIN20091208_124228_000000382085_00009_40644_5359.N1	08-DEC-2009 12:42:28	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	40644	No
83	GOM_NL__2PRFIN20091208_124555_000000452085_00009_40644_5360.N1	08-DEC-2009 12:45:55	Bright	44.500	138	47Eps Vir	2.8280	4700.0	89	40644	No
84	GOM_NL__2PRFIN20091208_125042_000000532085_00009_40644_5361.N1	08-DEC-2009 12:50:42	Tw_i_and_stray	52.500	121	29Gam Vir	2.7400	7200.0	105	40644	No
85	GOM_NL__2PRFIN20091208_125647_000000502085_00009_40644_5362.N1	08-DEC-2009 12:56:47	Dark	49.500	100	4Gam Crv	2.5800	13100.	99	40644	No
86	GOM_NL__2PRFIN20091208_125824_000000552085_00009_40644_5363.N1	08-DEC-2009 12:58:24	Dark	54.500	171	2Eps Crv	3.0010	4250.0	109	40644	No
87	GOM_NL__2PRFIN20091208_130740_000000442085_00010_40645_5381.N1	08-DEC-2009 13:07:40	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	40645	No
88	GOM_NL__2PRFIN20091208_131620_000000472085_00010_40645_5382.N1	08-DEC-2009 13:16:20	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	40645	No
89	GOM_NL__2PRFIN20091208_131820_000000532085_00010_40645_5383.N1	08-DEC-2009 13:18:20	Dark	53.000	70	Zet Pup	2.2460	39000.	106	40645	No
90	GOM_NL__2PRFIN20091208_132126_000000552085_00010_40645_5384.N1	08-DEC-2009 13:21:26	Dark	55.000	117	Pi Pup	2.7060	3800.0	110	40645	No
91	GOM_NL__2PRFIN20091208_132457_000000582085_00010_40645_5385.N1	08-DEC-2009 13:24:57	Dark	57.500	23	21Eps CMa	1.5020	26000.	115	40645	No
92	GOM_NL__2PRFIN20091208_133006_000000562085_00010_40645_5386.N1	08-DEC-2009 13:30:06	Straylight	56.000	47	2Bet CMa	1.9760	28000.	112	40645	No
93	GOM_NL__2PRFIN20091208_133352_000000512085_00010_40645_5387.N1	08-DEC-2009 13:33:52	Straylight	50.500	7	19Bet Ori	0.10000	14000.	101	40645	No
94	GOM_NL__2PRFIN20091208_133626_000000552085_00010_40645_5388.N1	08-DEC-2009 13:36:26	Straylight	54.500	30	46Eps Ori	1.6940	30000.	109	40645	No
95	GOM_NL__2PRFIN20091208_133856_000000532085_00010_40645_5389.N1	08-DEC-2009 13:38:56	Tw_i_and_stray	53.000	27	24Gam Ori	1.6360	26000.	106	40645	No
96	GOM_NL__2PRFIN20091208_134128_000000502085_00010_40645_5390.N1	08-DEC-2009 13:41:28	Bright	49.500	13	87Alp Tau	0.86700	3800.0	99	40645	No
97	GOM_NL__2PRFIN20091208_134425_000000482085_00010_40645_5391.N1	08-DEC-2009 13:44:25	Bright	48.000	176	23Zet Tau	3.0200	22000.	96	40645	No
98	GOM_NL__2PRFIN20091208_134655_000000442085_00010_40645_5392.N1	08-DEC-2009 13:46:55	Bright	44.000	114	3Iot Aur	2.6930	4600.0	88	40645	No
99	GOM_NL__2PRFIN20091208_135110_000000442085_00010_40645_5393.N1	08-DEC-2009 13:51:10	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	40645	No
100	GOM_NL__2PRFIN20091208_140744_000000462085_00010_40645_5394.N1	08-DEC-2009 14:07:44	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	40645	No
101	GOM_NL__2PRFIN20091208_141127_000000382085_00010_40645_5395.N1	08-DEC-2009 14:11:27	Bright	38.000	32	77Eps UMa	1.7630	11000.	76	40645	No

102	GOM_NL__2PRFIN20091208_141345_000000472085_00010_40645_5396.N1	08-DEC-2009 14:13:45	Bright	47.000	39	85Eta UMa	1.8540	24000.	94	40645	No
103	GOM_NL__2PRFIN20091208_141718_000000452085_00010_40645_5397.N1	08-DEC-2009 14:17:18	Bright	44.500	152	12Alp2CVn	2.8900	11000.	89	40645	No
104	GOM_NL__2PRFIN20091208_142305_000000372085_00010_40645_5398.N1	08-DEC-2009 14:23:05	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	40645	No
105	GOM_NL__2PRFIN20091208_142632_000000652085_00010_40645_5399.N1	08-DEC-2009 14:26:32	Bright	65.000	138	47Eps Vir	2.8280	4700.0	130	40645	No
106	GOM_NL__2PRFIN20091208_143119_000000532085_00010_40645_5400.N1	08-DEC-2009 14:31:19	Twi_and_stray	52.500	121	29Gam Vir	2.7400	7200.0	105	40645	No
107	GOM_NL__2PRFIN20091208_143724_000000502085_00010_40645_5401.N1	08-DEC-2009 14:37:24	Dark	49.500	100	4Gam Crv	2.5800	13100.	99	40645	No
108	GOM_NL__2PRFIN20091208_143901_000000592085_00010_40645_5402.N1	08-DEC-2009 14:39:01	Dark	58.500	171	2Eps Crv	3.0010	4250.0	117	40645	No
109	GOM_NL__2PRFIN20091208_144817_000000482085_00011_40646_5403.N1	08-DEC-2009 14:48:17	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	40646	No
110	GOM_NL__2PRFIN20091208_145657_000000462085_00011_40646_5404.N1	08-DEC-2009 14:56:57	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	40646	No
111	GOM_NL__2PRFIN20091208_145857_000000532085_00011_40646_5405.N1	08-DEC-2009 14:58:57	Dark	53.000	70	Zet Pup	2.2460	39000.	106	40646	No
112	GOM_NL__2PRFIN20091208_150202_000000592085_00011_40646_5406.N1	08-DEC-2009 15:02:02	Dark	58.500	117	Pi Pup	2.7060	3800.0	117	40646	No
113	GOM_NL__2PRFIN20091208_150534_000000582085_00011_40646_5407.N1	08-DEC-2009 15:05:34	Dark	58.000	23	21Eps CMa	1.5020	26000.	116	40646	No
114	GOM_NL__2PRFIN20091208_151042_000000572085_00011_40646_5408.N1	08-DEC-2009 15:10:42	Straylight	57.000	47	2Bet CMa	1.9760	28000.	114	40646	No
115	GOM_NL__2PRFIN20091208_151428_000000532085_00011_40646_5409.N1	08-DEC-2009 15:14:28	Straylight	53.000	7	19Bet Ori	0.10000	14000.	106	40646	No
116	GOM_NL__2PRFIN20091208_151701_000000542085_00011_40646_5410.N1	08-DEC-2009 15:17:01	Straylight	53.500	30	46Eps Ori	1.6940	30000.	107	40646	No
117	GOM_NL__2PRFIN20091208_151932_000000542085_00011_40646_5411.N1	08-DEC-2009 15:19:32	Twi_and_stray	54.000	27	24Gam Ori	1.6360	26000.	108	40646	No
118	GOM_NL__2PRFIN20091208_152204_000000552085_00011_40646_5412.N1	08-DEC-2009 15:22:04	Bright	54.500	13	87Alp Tau	0.86700	3800.0	109	40646	No
119	GOM_NL__2PRFIN20091208_152500_000000502085_00011_40646_5413.N1	08-DEC-2009 15:25:00	Bright	49.500	176	23Zet Tau	3.0200	22000.	99	40646	No
120	GOM_NL__2PRFIN20091208_152731_000000452085_00011_40646_5414.N1	08-DEC-2009 15:27:31	Bright	44.500	114	3lot Aur	2.6930	4600.0	89	40646	No
121	GOM_NL__2PRFIN20091208_153146_000000452085_00011_40646_5415.N1	08-DEC-2009 15:31:46	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	40646	No
122	GOM_NL__2PRFIN20091208_154820_000000492085_00011_40646_5416.N1	08-DEC-2009 15:48:20	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	40646	No
123	GOM_NL__2PRFIN20091208_155202_000000392085_00011_40646_5417.N1	08-DEC-2009 15:52:02	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	40646	No
124	GOM_NL__2PRFIN20091208_155421_000000532085_00011_40646_5418.N1	08-DEC-2009 15:54:21	Bright	52.500	39	85Eta UMa	1.8540	24000.	105	40646	No
125	GOM_NL__2PRFIN20091208_155754_000000452085_00011_40646_5419.N1	08-DEC-2009 15:57:54	Bright	45.000	152	12Alp2CVn	2.8900	11000.	90	40646	No
126	GOM_NL__2PRFIN20091208_160341_000000372085_00011_40646_5420.N1	08-DEC-2009 16:03:41	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	40646	No
127	GOM_NL__2PRFIN20091208_160708_000000652085_00011_40646_5421.N1	08-DEC-2009 16:07:08	Bright	65.000	138	47Eps Vir	2.8280	4700.0	130	40646	No
128	GOM_NL__2PRFIN20091208_161155_000000552085_00011_40646_5422.N1	08-DEC-2009 16:11:55	Twi_and_stray	55.000	121	29Gam Vir	2.7400	7200.0	110	40646	No
129	GOM_NL__2PRFIN20091208_161627_000000452085_00011_40646_5423.N1	08-DEC-2009 16:16:27	Twi_and_stray	45.000	169	46Gam Hya	2.9910	4700.0	90	40646	No
130	GOM_NL__2PRFIN20091208_161801_000000472085_00011_40646_5424.N1	08-DEC-2009 16:18:01	Dark	47.000	100	4Gam Crv	2.5800	13100.	94	40646	No
131	GOM_NL__2PRFIN20091208_161938_000000512085_00011_40646_5425.N1	08-DEC-2009 16:19:38	Dark	50.500	171	2Eps Crv	3.0010	4250.0	101	40646	No
132	GOM_NL__2PRFIN20091208_162854_000000452085_00012_40647_5412.N1	08-DEC-2009 16:28:54	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	40647	No
133	GOM_NL__2PRFIN20091208_163734_000000522085_00012_40647_5413.N1	08-DEC-2009 16:37:34	Dark	52.000	34	Gam2Vel	1.7930	23000.	104	40647	No
134	GOM_NL__2PRFIN20091208_163934_000000552085_00012_40647_5414.N1	08-DEC-2009 16:39:34	Dark	54.500	70	Zet Pup	2.2460	39000.	109	40647	No
135	GOM_NL__2PRFIN20091208_164239_000000572085_00012_40647_5415.N1	08-DEC-2009 16:42:39	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	40647	No
136	GOM_NL__2PRFIN20091208_164610_000000632085_00012_40647_5416.N1	08-DEC-2009 16:46:10	Dark	62.500	23	21Eps CMa	1.5020	26000.	125	40647	No
137	GOM_NL__2PRFIN20091208_165118_000000602085_00012_40647_5417.N1	08-DEC-2009 16:51:18	Straylight	59.500	47	2Bet CMa	1.9760	28000.	119	40647	No
138	GOM_NL__2PRFIN20091208_165504_000000522085_00012_40647_5418.N1	08-DEC-2009 16:55:04	Straylight	52.000	7	19Bet Ori	0.10000	14000.	104	40647	No
139	GOM_NL__2PRFIN20091208_165737_000000532085_00012_40647_5419.N1	08-DEC-2009 16:57:37	Straylight	53.000	30	46Eps Ori	1.6940	30000.	106	40647	No
140	GOM_NL__2PRFIN20091208_170007_000000522085_00012_40647_5420.N1	08-DEC-2009 17:00:07	Twi_and_stray	52.000	27	24Gam Ori	1.6360	26000.	104	40647	No
141	GOM_NL__2PRFIN20091208_170239_000000572085_00012_40647_5421.N1	08-DEC-2009 17:02:39	Bright	57.000	13	87Alp Tau	0.86700	3800.0	114	40647	No
142	GOM_NL__2PRFIN20091208_170535_000000512085_00012_40647_5422.N1	08-DEC-2009 17:05:35	Bright	50.500	176	23Zet Tau	3.0200	22000.	101	40647	No
143	GOM_NL__2PRFIN20091208_170806_000000442085_00012_40647_5423.N1	08-DEC-2009 17:08:06	Bright	44.000	114	3lot Aur	2.6930	4600.0	88	40647	No
144	GOM_NL__2PRFIN20091208_171221_000000452085_00012_40647_5424.N1	08-DEC-2009 17:12:21	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	40647	No
145	GOM_NL__2PRFIN20091208_172855_000000432085_00012_40647_5425.N1	08-DEC-2009 17:28:55	Bright	42.500	36	50Alp UMa	1.8000	6300.0	85	40647	No
146	GOM_NL__2PRFIN20091208_173238_000000462085_00012_40647_5426.N1	08-DEC-2009 17:32:38	Bright	45.500	32	77Eps UMa	1.7630	11000.	91	40647	No
147	GOM_NL__2PRFIN20091208_173457_000000372085_00012_40647_5427.N1	08-DEC-2009 17:34:57	Bright	37.000	39	85Eta UMa	1.8540	24000.	74	40647	No
148	GOM_NL__2PRFIN20091208_173830_000000422085_00012_40647_5428.N1	08-DEC-2009 17:38:30	Bright	41.500	152	12Alp2CVn	2.8900	11000.	83	40647	No
149	GOM_NL__2PRFIN20091208_174417_000000372085_00012_40647_5429.N1	08-DEC-2009 17:44:17	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	40647	No
150	GOM_NL__2PRFIN20091208_174745_000000652085_00012_40647_5430.N1	08-DEC-2009 17:47:45	Bright	65.000	138	47Eps Vir	2.8280	4700.0	130	40647	No
151	GOM_NL__2PRFIN20091208_175232_000000532085_00012_40647_5431.N1	08-DEC-2009 17:52:32	Twi_and_stray	52.500	121	29Gam Vir	2.7400	7200.0	105	40647	No
152	GOM_NL__2PRFIN20091208_175704_000000422085_00012_40647_5432.N1	08-DEC-2009 17:57:04	Twi_and_stray	42.000	169	46Gam Hya	2.9910	4700.0	84	40647	No
153	GOM_NL__2PRFIN20091208_175838_000000532085_00012_40647_5433.N1	08-DEC-2009 17:58:38	Dark	52.500	100	4Gam Crv	2.5800	13100.	105	40647	No
154	GOM_NL__2PRFIN20091208_180015_000000522085_00012_40647_5434.N1	08-DEC-2009 18:00:15	Dark	52.000	171	2Eps Crv	3.0010	4250.0	104	40647	No
155	GOM_NL__2PRFIN20091208_180931_000000462085_00013_40648_5421.N1	08-DEC-2009 18:09:31	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	40648	No
156	GOM_NL__2PRFIN20091208_181811_000000472085_00013_40648_5422.N1	08-DEC-2009 18:18:11	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	40648	No
157	GOM_NL__2PRFIN20091208_182011_000000522085_00013_40648_5423.N1	08-DEC-2009 18:20:11	Dark	51.500	70	Zet Pup	2.2460	39000.	103	40648	No
158	GOM_NL__2PRFIN20091208_182316_000000572085_00013_40648_5424.N1	08-DEC-2009 18:23:16	Dark	57.000	117	Pi Pup	2.7060	3800.0	114	40648	No
159	GOM_NL__2PRFIN20091208_182647_000000612085_00013_40648_5425.N1	08-DEC-2009 18:26:47	Dark	60.500	23	21Eps CMa	1.5020	26000.	121	40648	No
160	GOM_NL__2PRFIN20091208_183155_000000592085_00013_40648_5426.N1	08-DEC-2009 18:31:55	Straylight	58.500	47	2Bet CMa	1.9760	28000.	117	40648	No

161	GOM_NL__2PRFIN20091208_183540_000000552085_00013_40648_5427.N1	08-DEC-2009 18:35:40	Straylight	54.500	7	19Bet Ori	0.10000	14000.	109	40648	No
162	GOM_NL__2PRFIN20091208_183813_000000522085_00013_40648_5428.N1	08-DEC-2009 18:38:13	Straylight	51.500	30	46Eps Ori	1.6940	30000.	103	40648	No
163	GOM_NL__2PRFIN20091208_184043_000000512085_00013_40648_5429.N1	08-DEC-2009 18:40:43	Tw_i_and_stray	50.500	27	24Gam Ori	1.6360	26000.	101	40648	No
164	GOM_NL__2PRFIN20091208_184316_000000472085_00013_40648_5430.N1	08-DEC-2009 18:43:16	Tw_i_and_stray	47.000	13	87Alp Tau	0.86700	3800.0	94	40648	No
165	GOM_NL__2PRFIN20091208_184611_000000472085_00013_40648_5431.N1	08-DEC-2009 18:46:11	Bright	47.000	176	23Zet Tau	3.0200	22000.	94	40648	No
166	GOM_NL__2PRFIN20091208_184842_000000442085_00013_40648_5432.N1	08-DEC-2009 18:48:42	Bright	44.000	114	31ot Aur	2.6930	4600.0	88	40648	No
167	GOM_NL__2PRFIN20091208_185257_000000512085_00013_40648_5433.N1	08-DEC-2009 18:52:57	Bright	50.500	6	13Alp Aur	0.080000	3400.0	101	40648	No
168	GOM_NL__2PRFIN20091208_190931_000000462085_00013_40648_5434.N1	08-DEC-2009 19:09:31	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	40648	No
169	GOM_NL__2PRFIN20091208_191314_000000392085_00013_40648_5435.N1	08-DEC-2009 19:13:14	Bright	38.500	32	77Eps UMa	1.7630	11000.	77	40648	No
170	GOM_NL__2PRFIN20091208_191533_000000382085_00013_40648_5436.N1	08-DEC-2009 19:15:33	Bright	37.500	39	85Eta UMa	1.8540	24000.	75	40648	No
171	GOM_NL__2PRFIN20091208_191905_000000422085_00013_40648_5437.N1	08-DEC-2009 19:19:05	Bright	42.000	152	12Alp2CVn	2.8900	11000.	84	40648	No
172	GOM_NL__2PRFIN20091208_192454_000000372085_00013_40648_5438.N1	08-DEC-2009 19:24:54	Bright	36.500	111	8Eta Boo	2.6800	6000.0	73	40648	No
173	GOM_NL__2PRFIN20091208_192821_000000452085_00013_40648_5439.N1	08-DEC-2009 19:28:21	Bright	45.000	138	47Eps Vir	2.8280	4700.0	90	40648	No
174	GOM_NL__2PRFIN20091208_193309_000000542085_00013_40648_5440.N1	08-DEC-2009 19:33:09	Tw_i_and_stray	53.500	121	29Gam Vir	2.7400	7200.0	107	40648	No
175	GOM_NL__2PRFIN20091208_193741_000000452085_00013_40648_5441.N1	08-DEC-2009 19:37:41	Tw_i_and_stray	44.500	169	46Gam Hya	2.9910	4700.0	89	40648	No
176	GOM_NL__2PRFIN20091208_193915_000000492085_00013_40648_5442.N1	08-DEC-2009 19:39:15	Dark	48.500	100	4Gam Crv	2.5800	13100.	97	40648	No
177	GOM_NL__2PRFIN20091208_194052_000000522085_00013_40648_5443.N1	08-DEC-2009 19:40:52	Dark	51.500	171	2Eps Crv	3.0010	4250.0	103	40648	No
178	GOM_NL__2PRFIN20091208_195008_000000472085_00014_40649_5430.N1	08-DEC-2009 19:50:08	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	40649	No
179	GOM_NL__2PRFIN20091208_195848_000000522085_00014_40649_5431.N1	08-DEC-2009 19:58:48	Dark	51.500	34	Gam2Vel	1.7930	23000.	103	40649	No
180	GOM_NL__2PRFIN20091208_200047_000000532085_00014_40649_5432.N1	08-DEC-2009 20:00:47	Dark	52.500	70	Zet Pup	2.2460	39000.	105	40649	No
181	GOM_NL__2PRFIN20091208_200352_000000582085_00014_40649_5433.N1	08-DEC-2009 20:03:52	Dark	57.500	117	Pi Pup	2.7060	3800.0	115	40649	No
182	GOM_NL__2PRFIN20091208_200724_000000562085_00014_40649_5434.N1	08-DEC-2009 20:07:24	Dark	56.000	23	21Eps CMa	1.5020	26000.	112	40649	No
183	GOM_NL__2PRFIN20091208_201231_000000582085_00014_40649_5435.N1	08-DEC-2009 20:12:31	Straylight	58.000	47	2Bet CMa	1.9760	28000.	116	40649	No
184	GOM_NL__2PRFIN20091208_201616_000000522085_00014_40649_5436.N1	08-DEC-2009 20:16:16	Straylight	51.500	7	19Bet Ori	0.10000	14000.	103	40649	No
185	GOM_NL__2PRFIN20091208_201849_000000522085_00014_40649_5437.N1	08-DEC-2009 20:18:49	Straylight	52.000	30	46Eps Ori	1.6940	30000.	104	40649	No
186	GOM_NL__2PRFIN20091208_202119_000000482085_00014_40649_5438.N1	08-DEC-2009 20:21:19	Tw_i_and_stray	47.500	27	24Gam Ori	1.6360	26000.	95	40649	No
187	GOM_NL__2PRFIN20091208_202351_000000492085_00014_40649_5439.N1	08-DEC-2009 20:23:51	Tw_i_and_stray	48.500	13	87Alp Tau	0.86700	3800.0	97	40649	No
188	GOM_NL__2PRFIN20091208_202646_000000482085_00014_40649_5440.N1	08-DEC-2009 20:26:46	Bright	47.500	176	23Zet Tau	3.0200	22000.	95	40649	No
189	GOM_NL__2PRFIN20091208_202918_000000452085_00014_40649_5441.N1	08-DEC-2009 20:29:18	Bright	44.500	114	31ot Aur	2.6930	4600.0	89	40649	No
190	GOM_NL__2PRFIN20091208_203332_000000482085_00014_40649_5442.N1	08-DEC-2009 20:33:32	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	40649	No
191	GOM_NL__2PRFIN20091208_205006_000000482085_00014_40649_5443.N1	08-DEC-2009 20:50:06	Bright	47.500	36	50Alp UMa	1.8000	6300.0	95	40649	No
192	GOM_NL__2PRFIN20091208_205350_000000452085_00014_40649_5444.N1	08-DEC-2009 20:53:50	Bright	44.500	32	77Eps UMa	1.7630	11000.	89	40649	No
193	GOM_NL__2PRFIN20091208_205609_000000382085_00014_40649_5445.N1	08-DEC-2009 20:56:09	Bright	38.000	39	85Eta UMa	1.8540	24000.	76	40649	No
194	GOM_NL__2PRFIN20091208_205942_000000632085_00014_40649_5446.N1	08-DEC-2009 20:59:42	Bright	63.000	152	12Alp2CVn	2.8900	11000.	126	40649	No
195	GOM_NL__2PRFIN20091208_210529_000000372085_00014_40649_5447.N1	08-DEC-2009 21:05:29	Bright	37.000	111	8Eta Boo	2.6800	6000.0	74	40649	No
196	GOM_NL__2PRFIN20091208_210857_000000652085_00014_40649_5448.N1	08-DEC-2009 21:08:57	Bright	65.000	138	47Eps Vir	2.8280	4700.0	130	40649	No
197	GOM_NL__2PRFIN20091208_211346_000000512085_00014_40649_5449.N1	08-DEC-2009 21:13:46	Tw_i_and_stray	50.500	121	29Gam Vir	2.7400	7200.0	101	40649	No
198	GOM_NL__2PRFIN20091208_211817_000000442085_00014_40649_5450.N1	08-DEC-2009 21:18:17	Tw_i_and_stray	43.500	169	46Gam Hya	2.9910	4700.0	87	40649	No
199	GOM_NL__2PRFIN20091208_211952_000000522085_00014_40649_5451.N1	08-DEC-2009 21:19:52	Dark	52.000	100	4Gam Crv	2.5800	13100.	104	40649	No
200	GOM_NL__2PRFIN20091208_212129_000000552085_00014_40649_5452.N1	08-DEC-2009 21:21:29	Dark	55.000	171	2Eps Crv	3.0010	4250.0	110	40649	No
201	GOM_NL__2PRFIN20091208_213044_000000462085_00015_40650_5439.N1	08-DEC-2009 21:30:44	Dark	45.500	113	Mu Vel	2.6920	5000.0	91	40650	No
202	GOM_NL__2PRFIN20091208_213924_000000472085_00015_40650_5440.N1	08-DEC-2009 21:39:24	Dark	47.000	34	Gam2Vel	1.7930	23000.	94	40650	No
203	GOM_NL__2PRFIN20091208_214124_000000542085_00015_40650_5441.N1	08-DEC-2009 21:41:24	Dark	54.000	70	Zet Pup	2.2460	39000.	108	40650	No
204	GOM_NL__2PRFIN20091208_214429_000000542085_00015_40650_5442.N1	08-DEC-2009 21:44:29	Dark	54.000	117	Pi Pup	2.7060	3800.0	108	40650	No
205	GOM_NL__2PRFIN20091208_214657_000000262085_00015_40650_5443.N1	08-DEC-2009 21:46:57	Dark	26.000	88	31Eta CMa	2.4480	20000.	52	40650	No
206	GOM_NL__2PRFIN20091208_214800_000000572085_00015_40650_5444.N1	08-DEC-2009 21:48:00	Dark	57.000	23	21Eps CMa	1.5020	26000.	114	40650	No
207	GOM_NL__2PRFIN20091208_215307_000000582085_00015_40650_5445.N1	08-DEC-2009 21:53:07	Straylight	57.500	47	2Bet CMa	1.9760	28000.	115	40650	No
208	GOM_NL__2PRFIN20091208_215652_000000522085_00015_40650_5446.N1	08-DEC-2009 21:56:52	Straylight	51.500	7	19Bet Ori	0.10000	14000.	103	40650	No
209	GOM_NL__2PRFIN20091208_215925_000000522085_00015_40650_5447.N1	08-DEC-2009 21:59:25	Straylight	52.000	30	46Eps Ori	1.6940	30000.	104	40650	No
210	GOM_NL__2PRFIN20091208_220154_000000512085_00015_40650_5448.N1	08-DEC-2009 22:01:54	Tw_i_and_stray	50.500	27	24Gam Ori	1.6360	26000.	101	40650	No
211	GOM_NL__2PRFIN20091208_220427_000000502085_00015_40650_5449.N1	08-DEC-2009 22:04:27	Tw_i_and_stray	50.000	13	87Alp Tau	0.86700	3800.0	100	40650	No
212	GOM_NL__2PRFIN20091208_220721_000000482085_00015_40650_5450.N1	08-DEC-2009 22:07:21	Bright	47.500	176	23Zet Tau	3.0200	22000.	95	40650	No
213	GOM_NL__2PRFIN20091208_220953_000000422085_00015_40650_5451.N1	08-DEC-2009 22:09:53	Bright	42.000	114	31ot Aur	2.6930	4600.0	84	40650	No
214	GOM_NL__2PRFIN20091208_221408_000000442085_00015_40650_5452.N1	08-DEC-2009 22:14:08	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	40650	No
215	GOM_NL__2PRFIN20091208_223041_000000492085_00015_40650_5453.N1	08-DEC-2009 22:30:41	Bright	49.000	36	50Alp UMa	1.8000	6300.0	98	40650	No
216	GOM_NL__2PRFIN20091208_223426_000000422085_00015_40650_5454.N1	08-DEC-2009 22:34:26	Bright	41.500	32	77Eps UMa	1.7630	11000.	83	40650	No
217	GOM_NL__2PRFIN20091208_223645_000000402085_00015_40650_5455.N1	08-DEC-2009 22:36:45	Bright	39.500	39	85Eta UMa	1.8540	24000.	79	40650	No
218	GOM_NL__2PRFIN20091208_224017_000000442085_00015_40650_5456.N1	08-DEC-2009 22:40:17	Bright	43.500	152	12Alp2CVn	2.8900	11000.	87	40650	No
219	GOM_NL__2PRFIN20091208_224606_000000382085_00015_40650_5457.N1	08-DEC-2009 22:46:06	Bright	37.500	111	8Eta Boo	2.6800	6000.0	75	40650	No

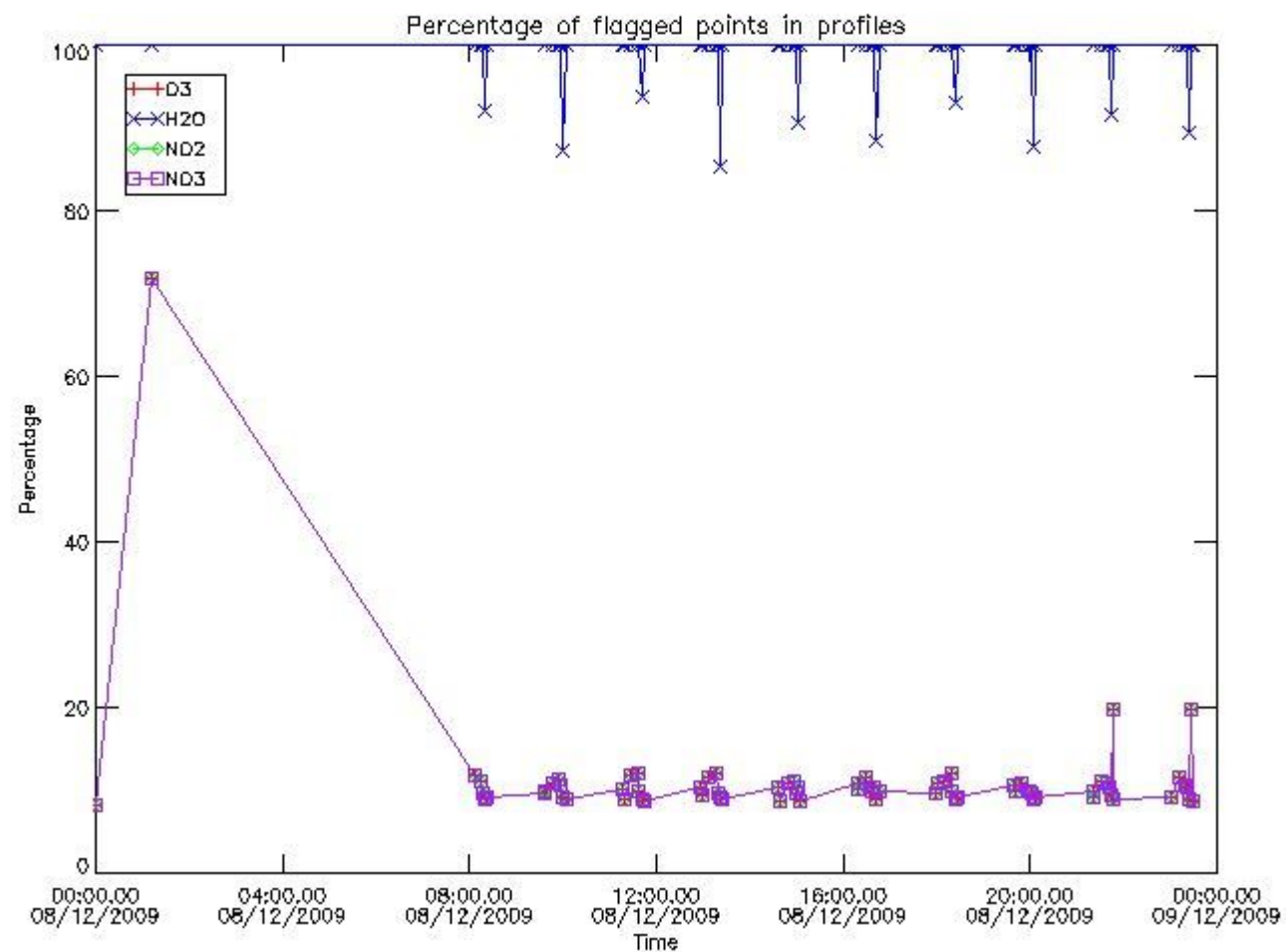


220	GOM_NL__2PRFIN20091208_224934_000000652085_00015_40650_5458.N1	08-DEC-2009 22:49:34	Bright	65.000	138	47Eps Vir	2.8280	4700.0	130	40650	No
221	GOM_NL__2PRFIN20091208_225422_000000522085_00015_40650_5459.N1	08-DEC-2009 22:54:22	Twilight	51.500	121	29Gam Vir	2.7400	7200.0	103	40650	No
222	GOM_NL__2PRFIN20091208_225854_000000422085_00015_40650_5460.N1	08-DEC-2009 22:58:54	Twilight	42.000	169	46Gam Hya	2.9910	4700.0	84	40650	No
223	GOM_NL__2PRFIN20091208_230206_000000552085_00015_40650_5461.N1	08-DEC-2009 23:02:06	Dark	55.000	171	2Eps Crv	3.0010	4250.0	110	40650	No
224	GOM_NL__2PRFIN20091208_231121_000000452085_00016_40651_5448.N1	08-DEC-2009 23:11:21	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	40651	No
225	GOM_NL__2PRFIN20091208_232001_000000482085_00016_40651_5449.N1	08-DEC-2009 23:20:01	Dark	48.000	34	Gam2Vel	1.7930	23000.	96	40651	No
226	GOM_NL__2PRFIN20091208_232201_000000552085_00016_40651_5450.N1	08-DEC-2009 23:22:01	Dark	54.500	70	Zet Pup	2.2460	39000.	109	40651	No
227	GOM_NL__2PRFIN20091208_232506_000000582085_00016_40651_5451.N1	08-DEC-2009 23:25:06	Dark	57.500	117	Pi Pup	2.7060	3800.0	115	40651	No
228	GOM_NL__2PRFIN20091208_232733_000000262085_00016_40651_5452.N1	08-DEC-2009 23:27:33	Dark	26.000	88	31Eta CMa	2.4480	20000.	52	40651	No
229	GOM_NL__2PRFIN20091208_232836_000000592085_00016_40651_5453.N1	08-DEC-2009 23:28:36	Dark	59.000	23	21Eps CMa	1.5020	26000.	118	40651	No
230	GOM_NL__2PRFIN20091208_233343_000000582085_00016_40651_5454.N1	08-DEC-2009 23:33:43	Straylight	58.000	47	2Bet CMa	1.9760	28000.	116	40651	No
231	GOM_NL__2PRFIN20091208_233728_000000492085_00016_40651_5455.N1	08-DEC-2009 23:37:28	Straylight	49.000	7	19Bet Ori	0.10000	14000.	98	40651	No
232	GOM_NL__2PRFIN20091208_234000_000000552085_00016_40651_5456.N1	08-DEC-2009 23:40:00	Straylight	55.000	30	46Eps Ori	1.6940	30000.	110	40651	No
233	GOM_NL__2PRFIN20091208_234230_000000512085_00016_40651_5457.N1	08-DEC-2009 23:42:30	Twilight	50.500	27	24Gam Ori	1.6360	26000.	101	40651	No
234	GOM_NL__2PRFIN20091208_234502_000000532085_00016_40651_5458.N1	08-DEC-2009 23:45:02	Bright	53.000	13	87Alp Tau	0.86700	3800.0	106	40651	No
235	GOM_NL__2PRFIN20091208_234757_000000472085_00016_40651_5459.N1	08-DEC-2009 23:47:57	Bright	47.000	176	23Zet Tau	3.0200	22000.	94	40651	No
236	GOM_NL__2PRFIN20091208_235028_000000432085_00016_40651_5460.N1	08-DEC-2009 23:50:28	Bright	43.000	114	3lot Aur	2.6930	4600.0	86	40651	No
237	GOM_NL__2PRFIN20091208_235443_000000472085_00016_40651_5461.N1	08-DEC-2009 23:54:43	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	40651	No

### 3. Quality information per product

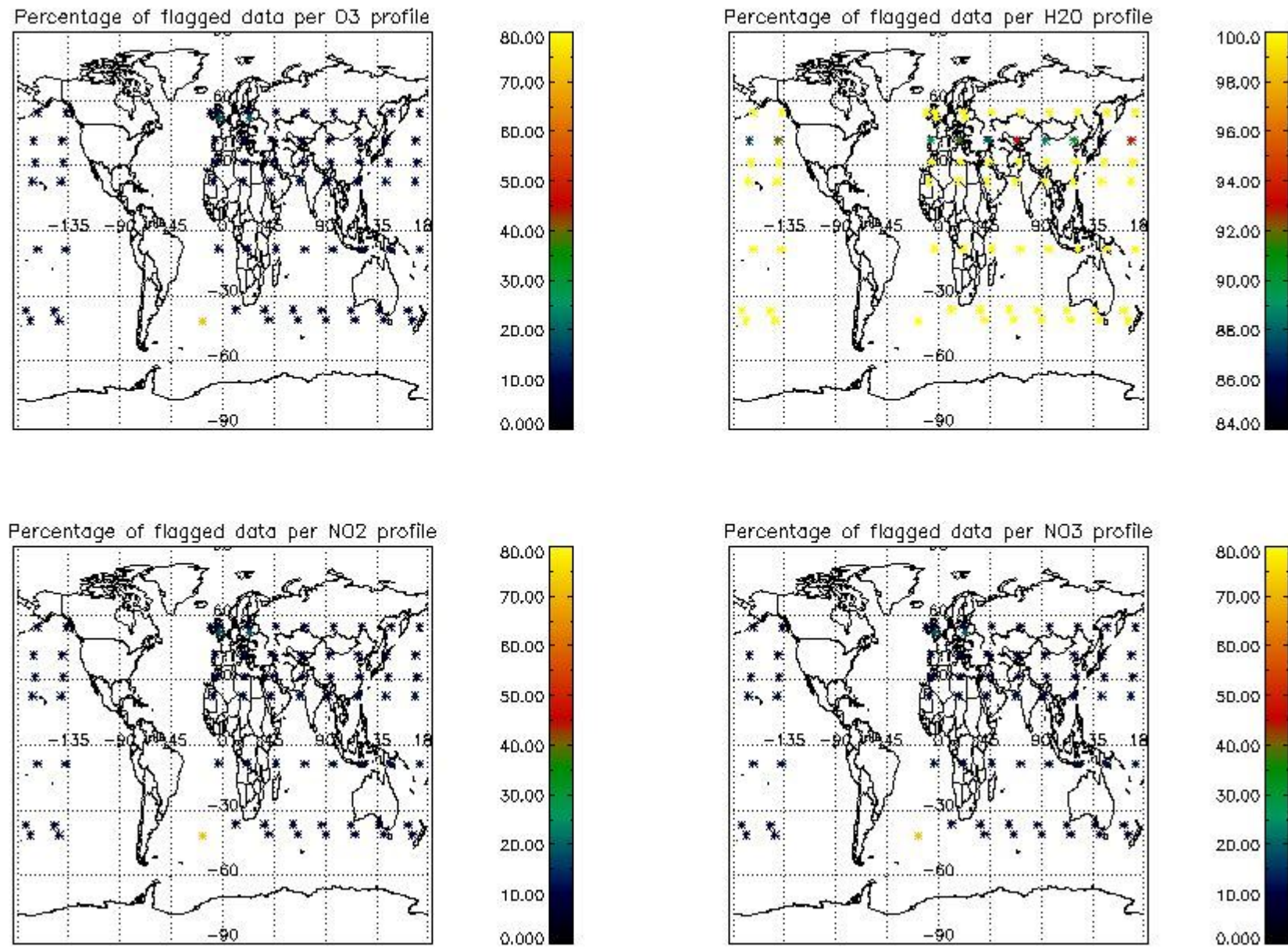
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

#### 3.1 Plot quality information per product (time dependant)





### 3.2 Plot quality information per product (world map)

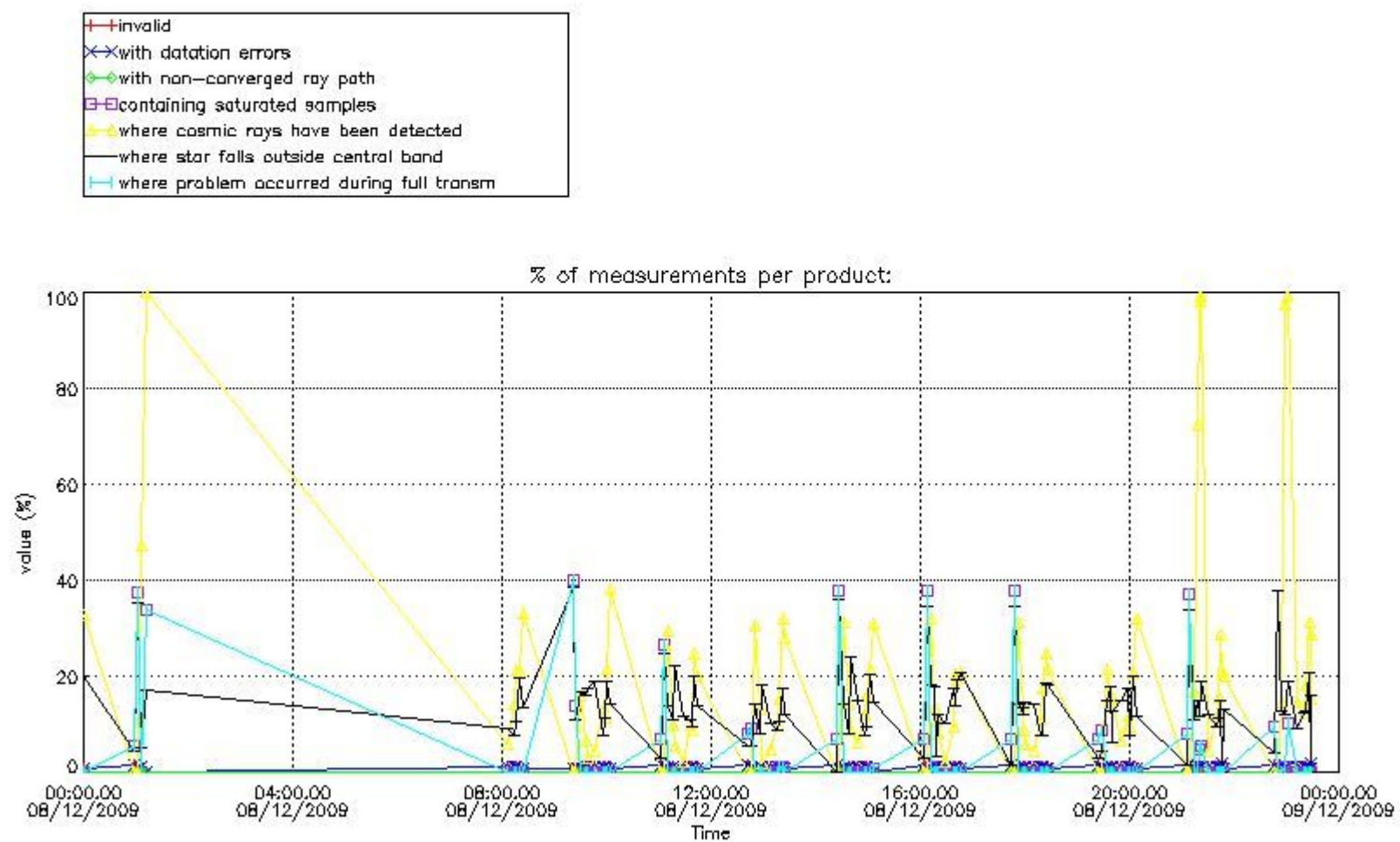


### 4. Level 1 quality information per product

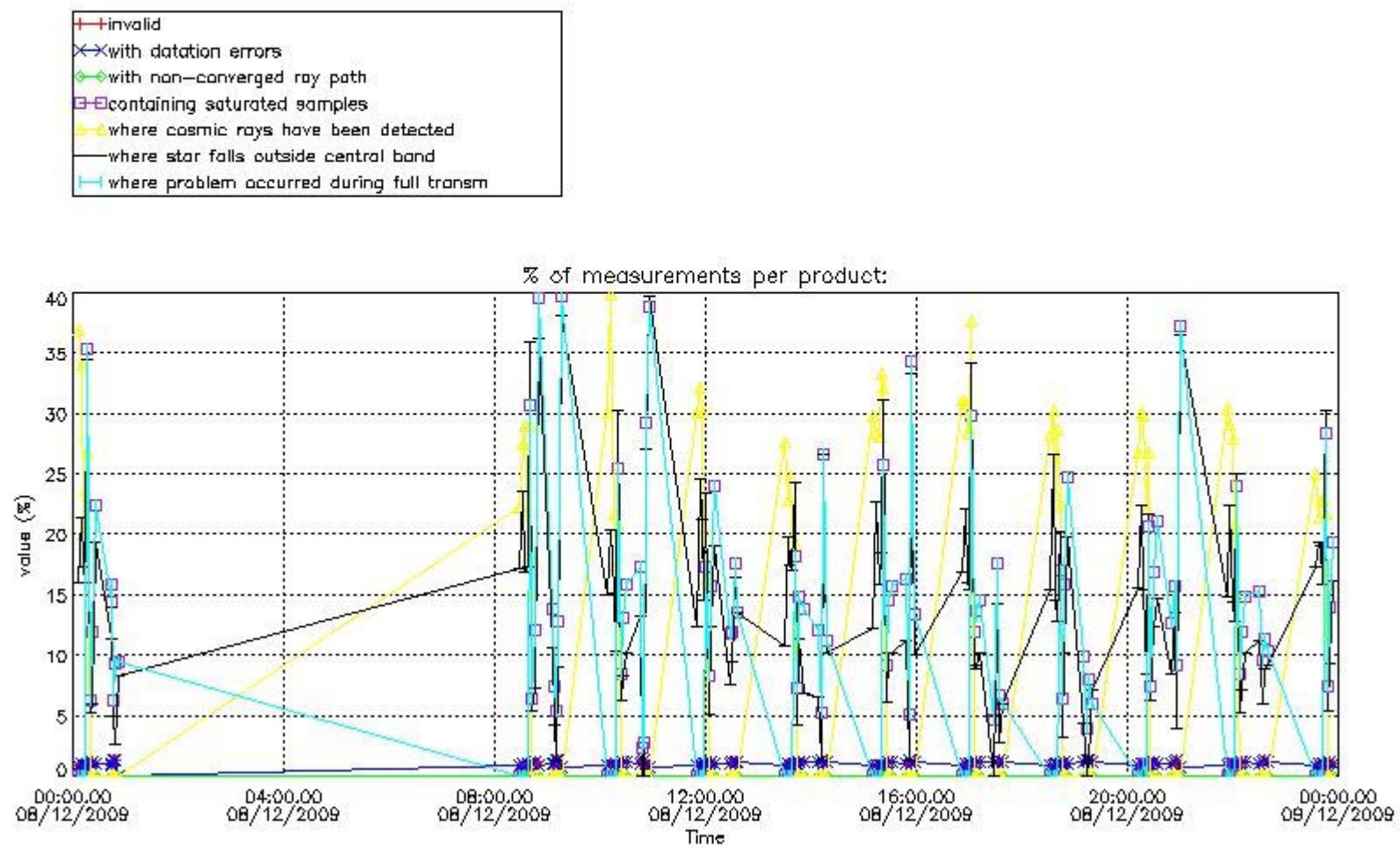
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



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

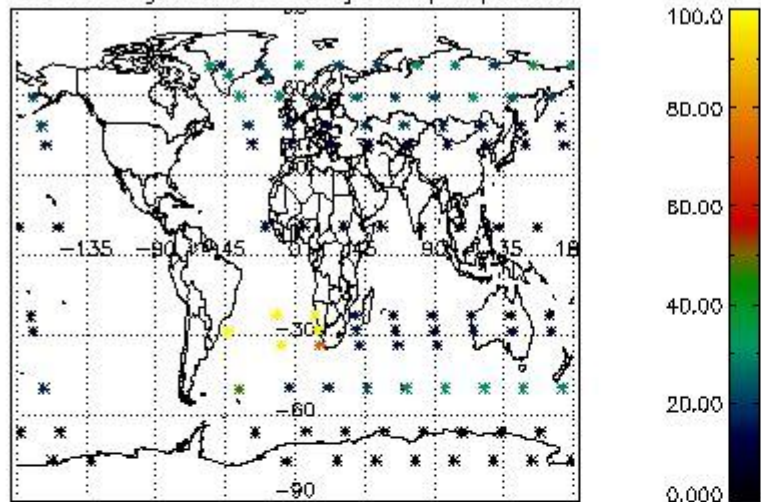


*4.2 Plot quality information per product coming from level 1b processing (world map)*

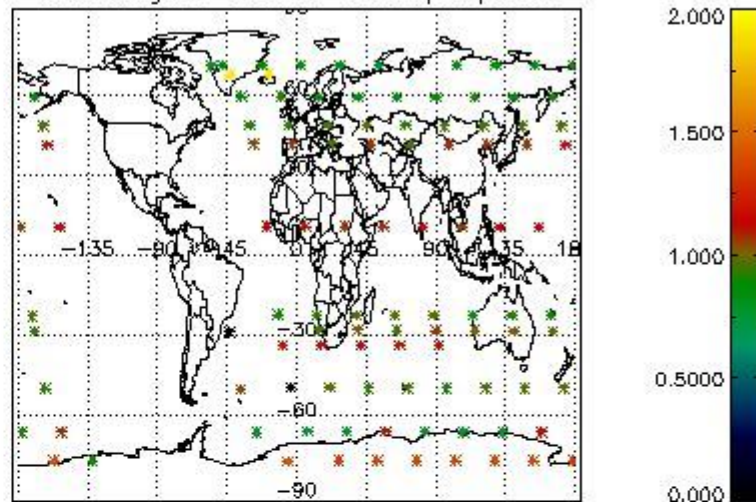
*4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes*



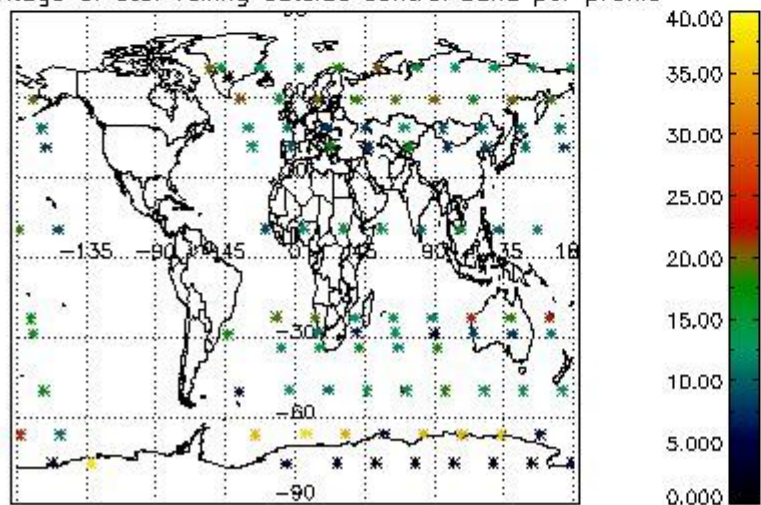
Percentage of cosmic ray hits per profile



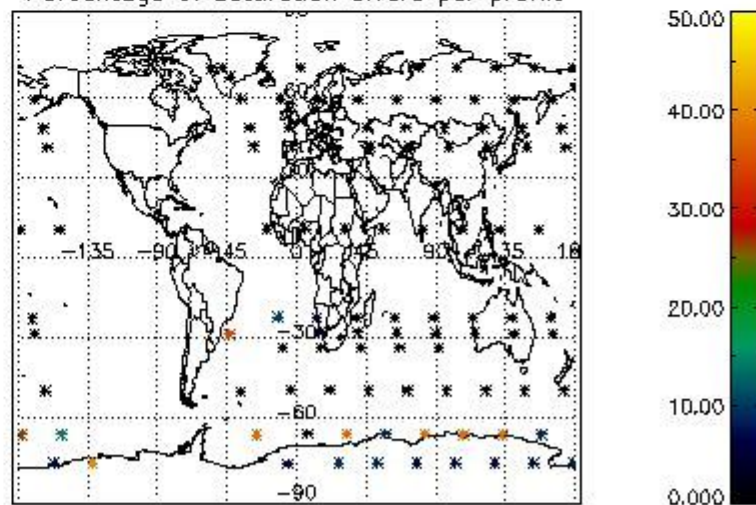
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

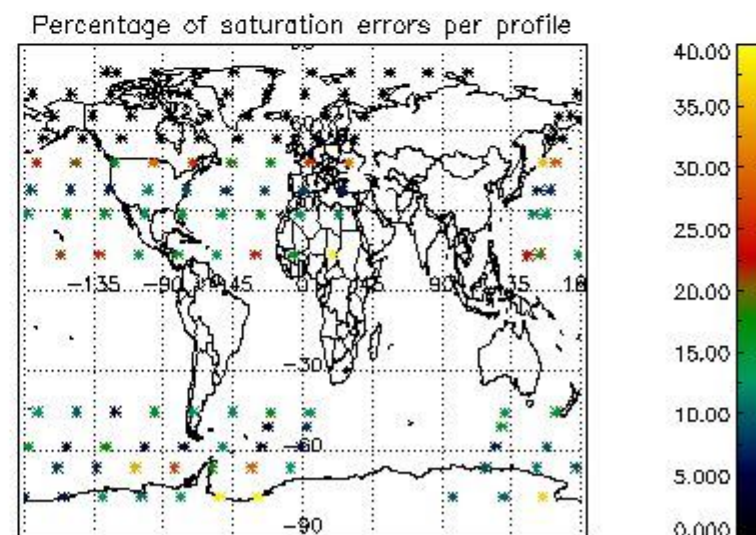
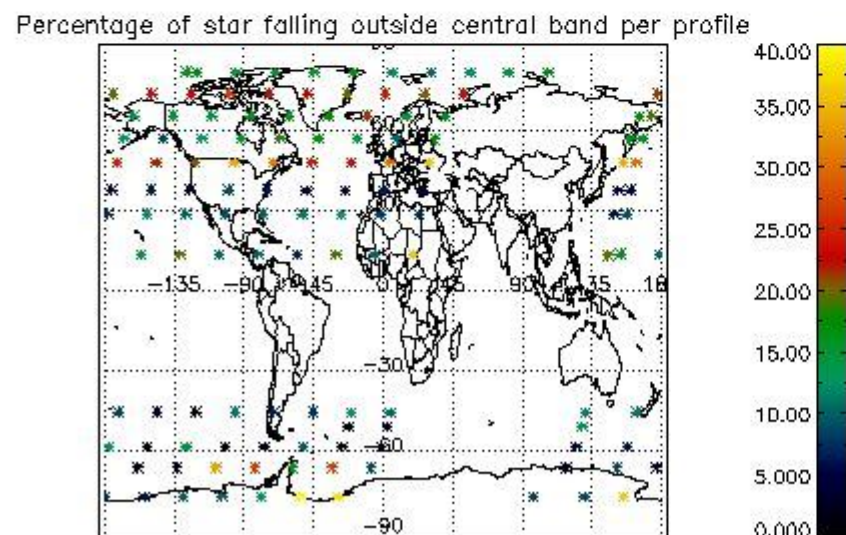
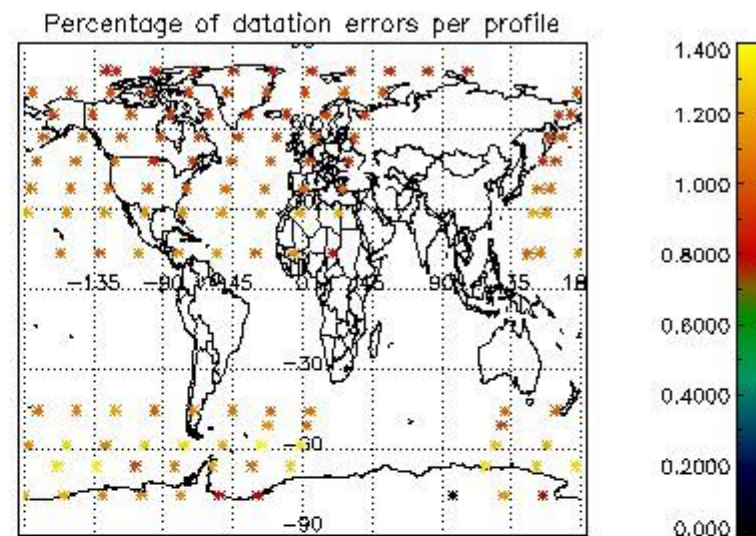
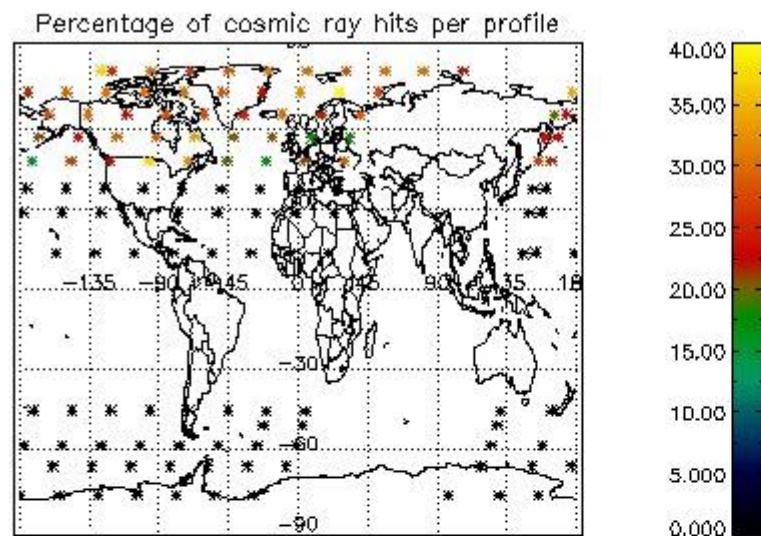


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

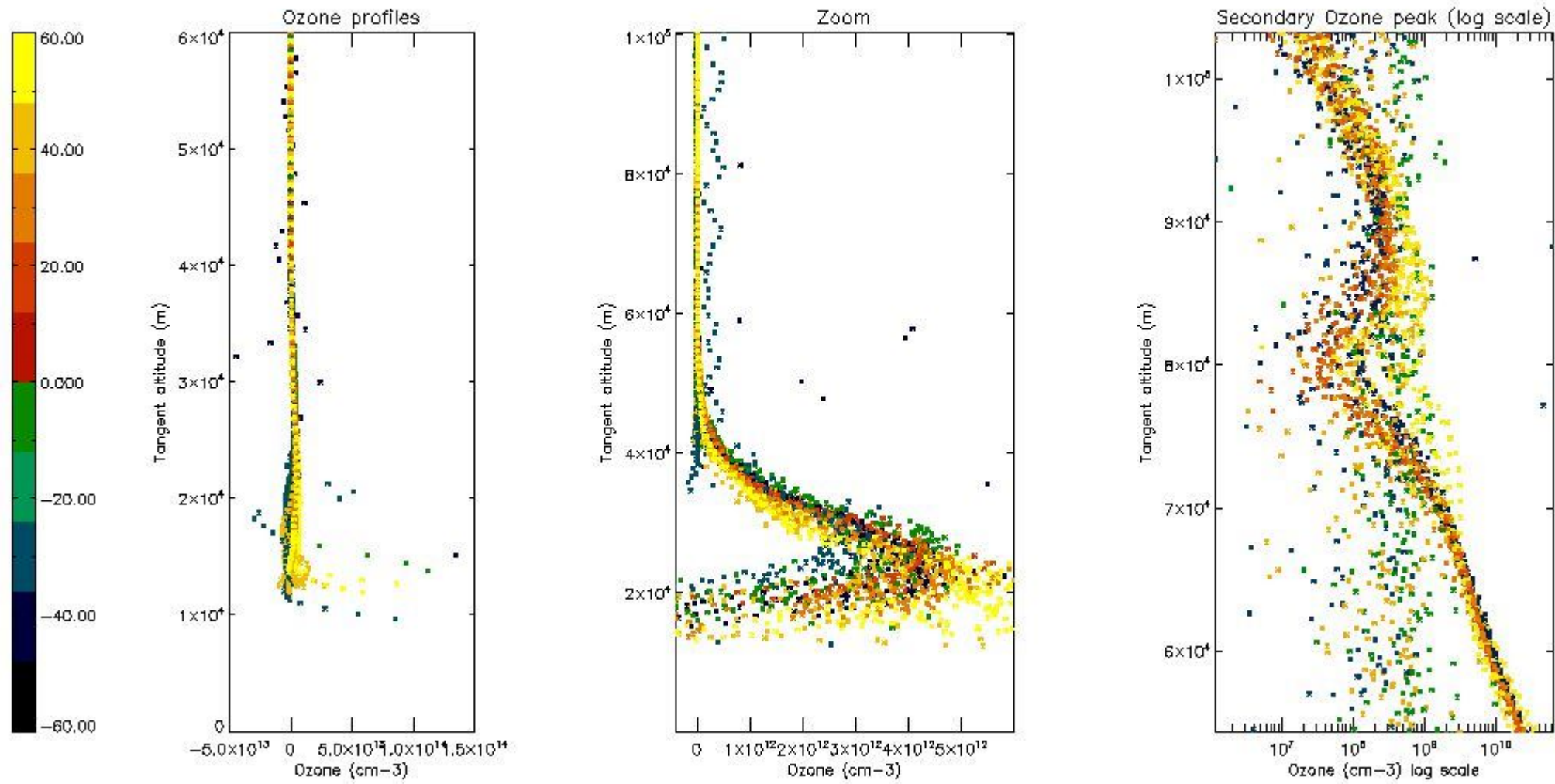
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	32
STD < 20	16

STD < 10	12
STD < 5	9

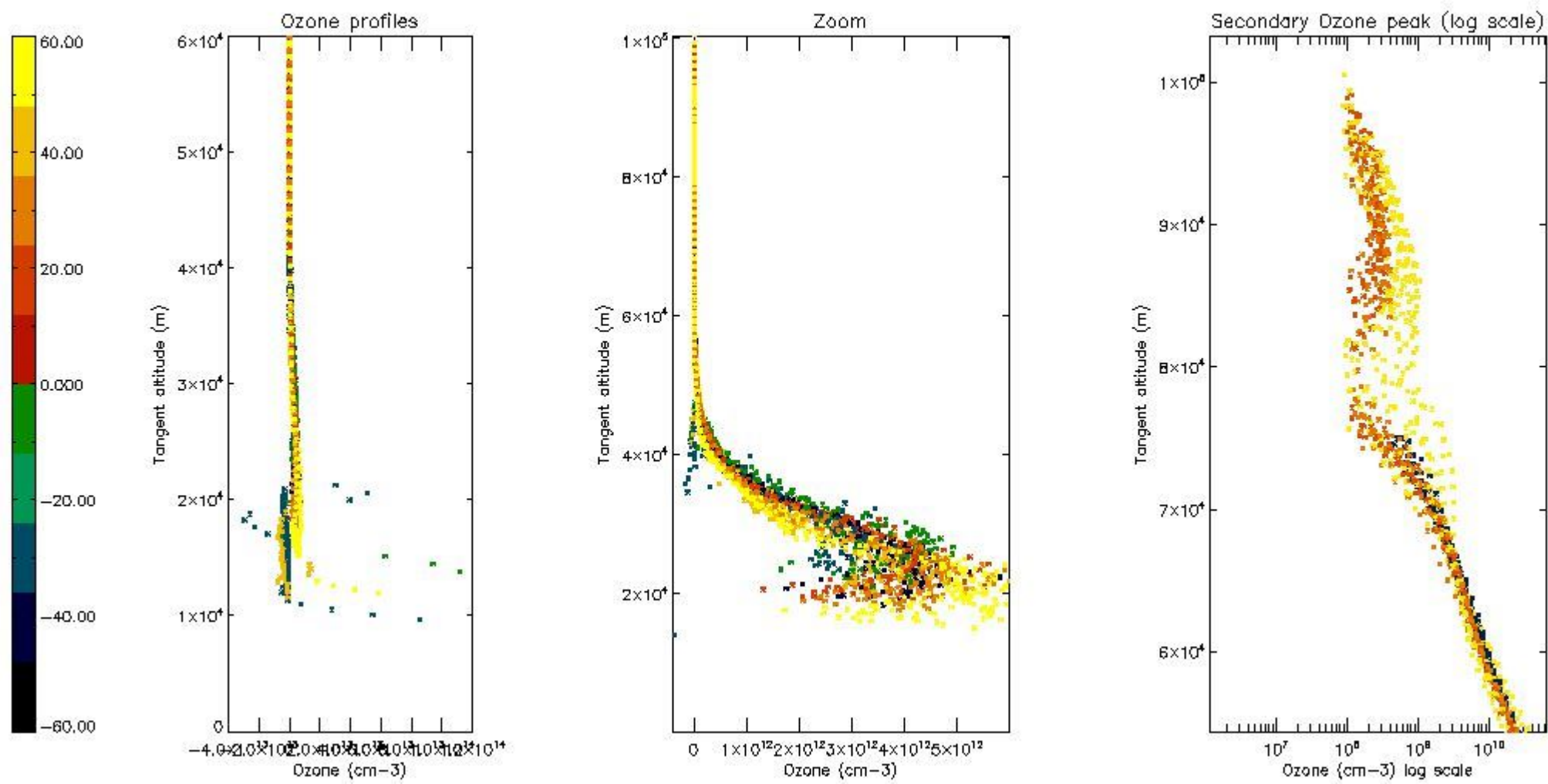
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

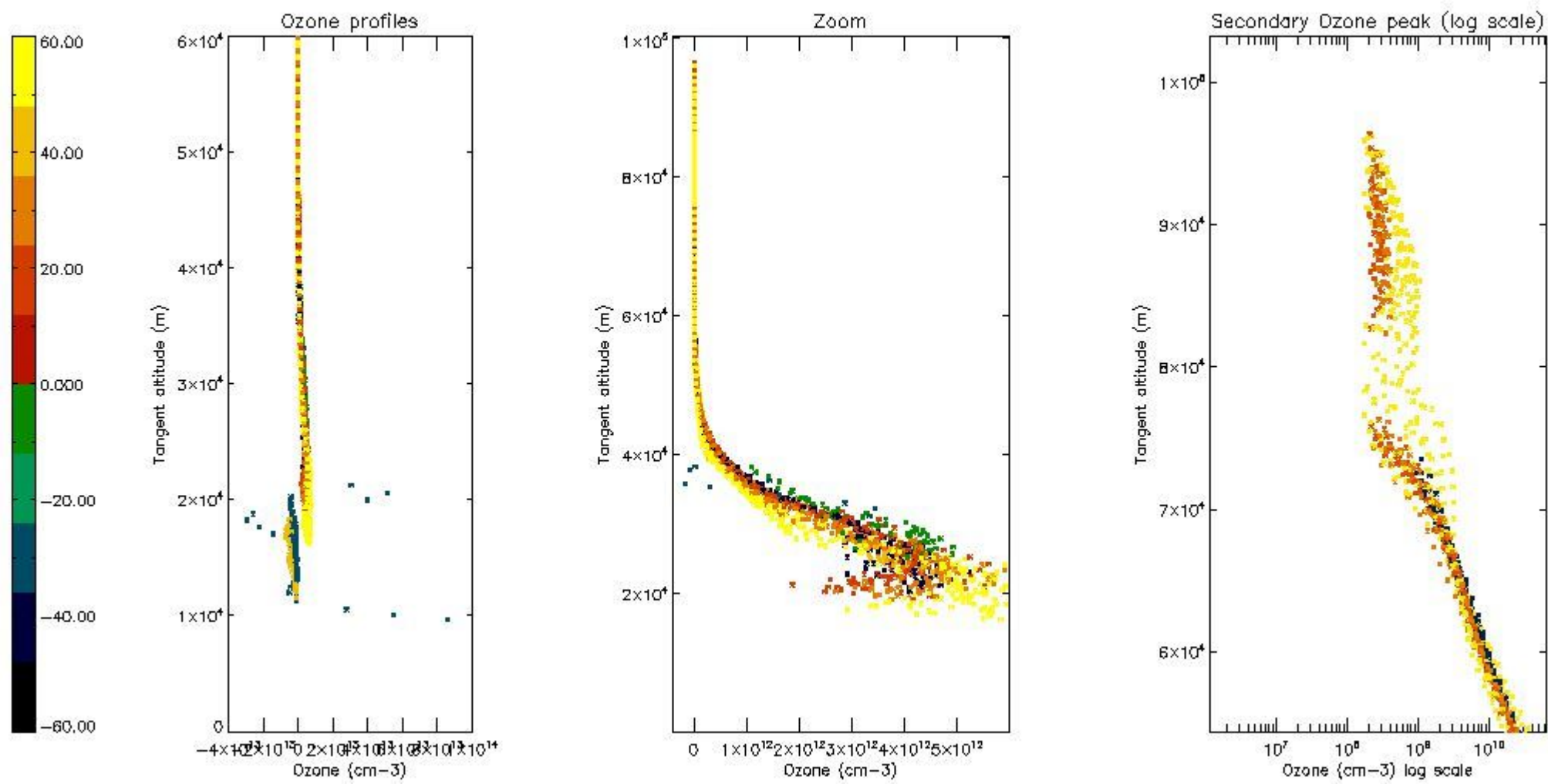
The colorbar represents the latitude.



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

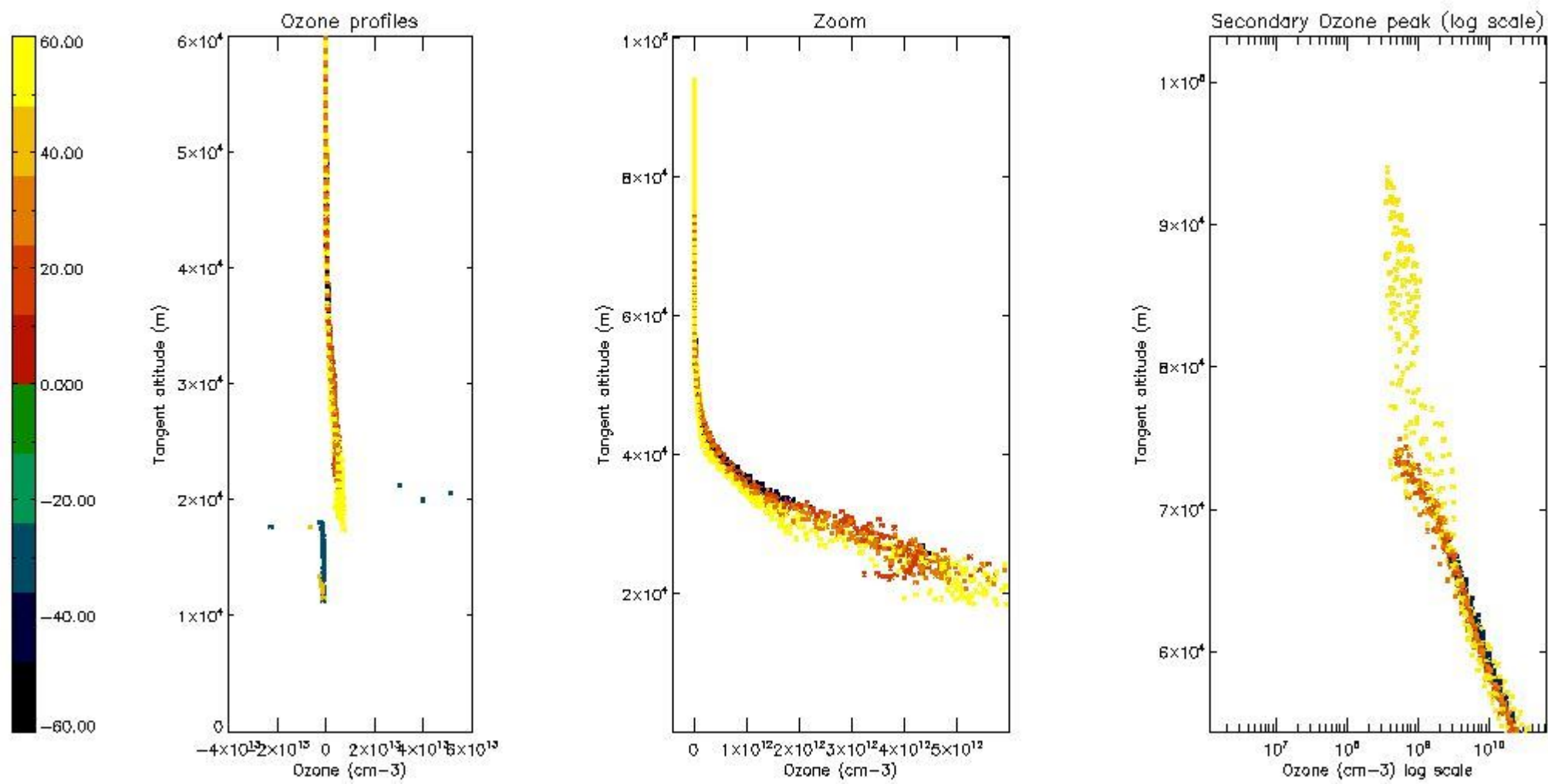
The colorbar represents the latitude.





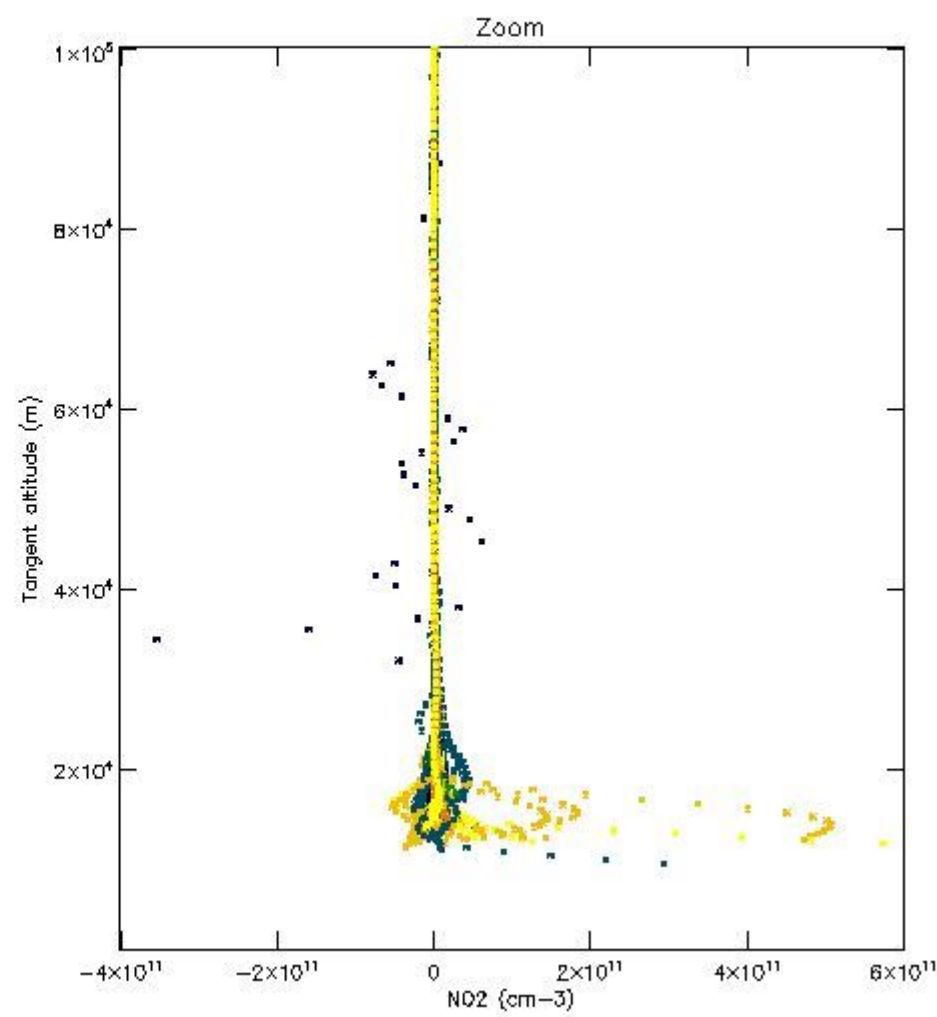
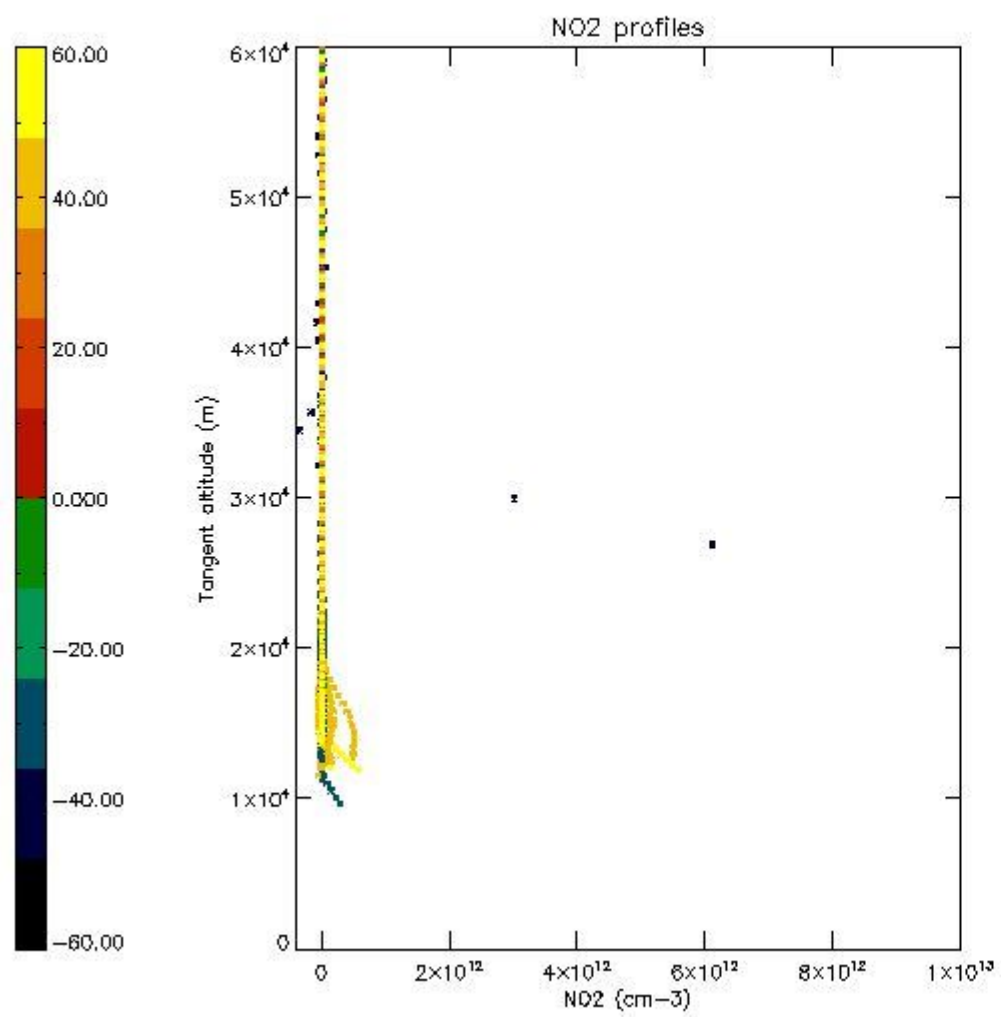
*5.5 Plot ozone profiles where  $STD < 5\%$  (dark without errors)*

The colorbar represents the latitude.



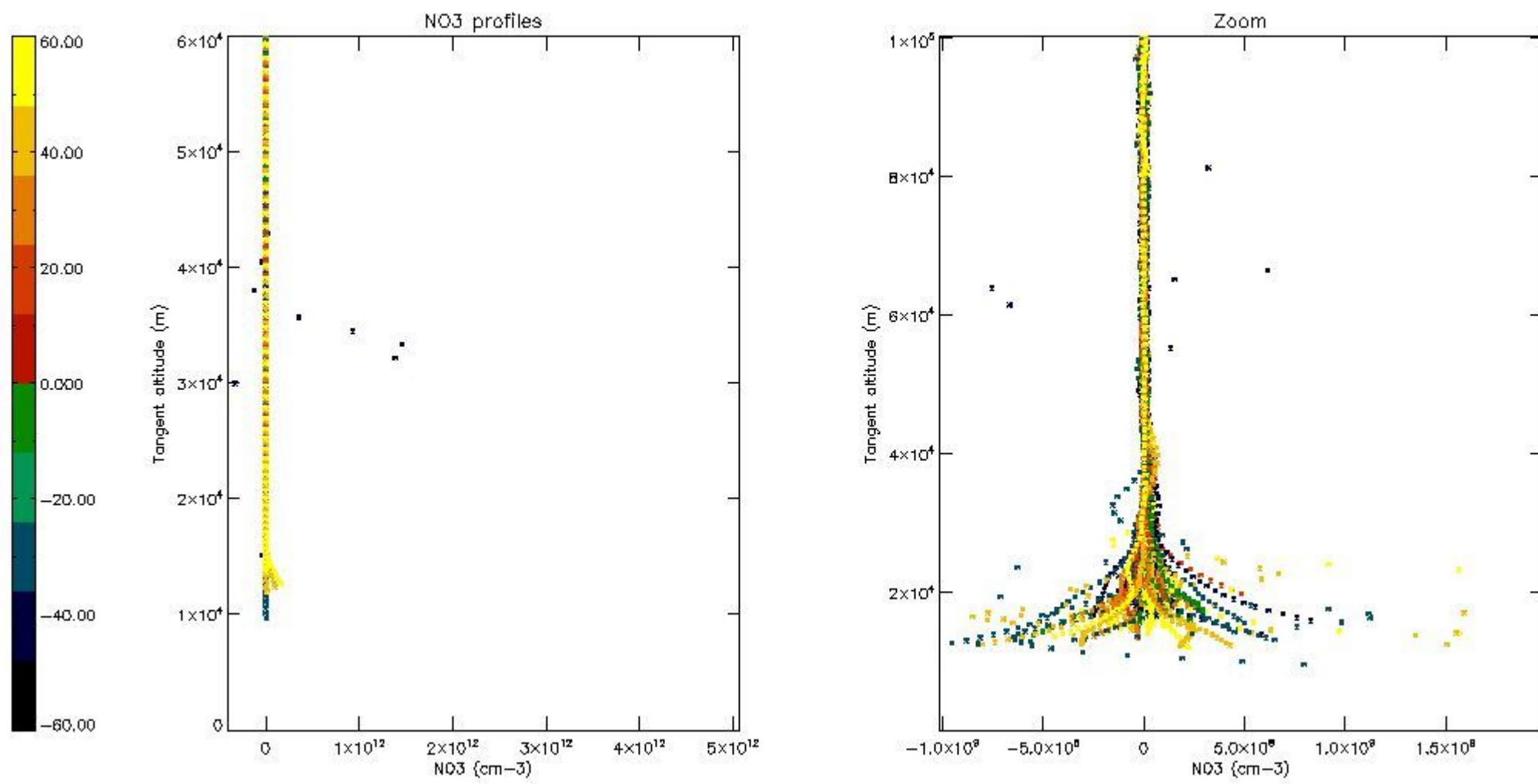
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

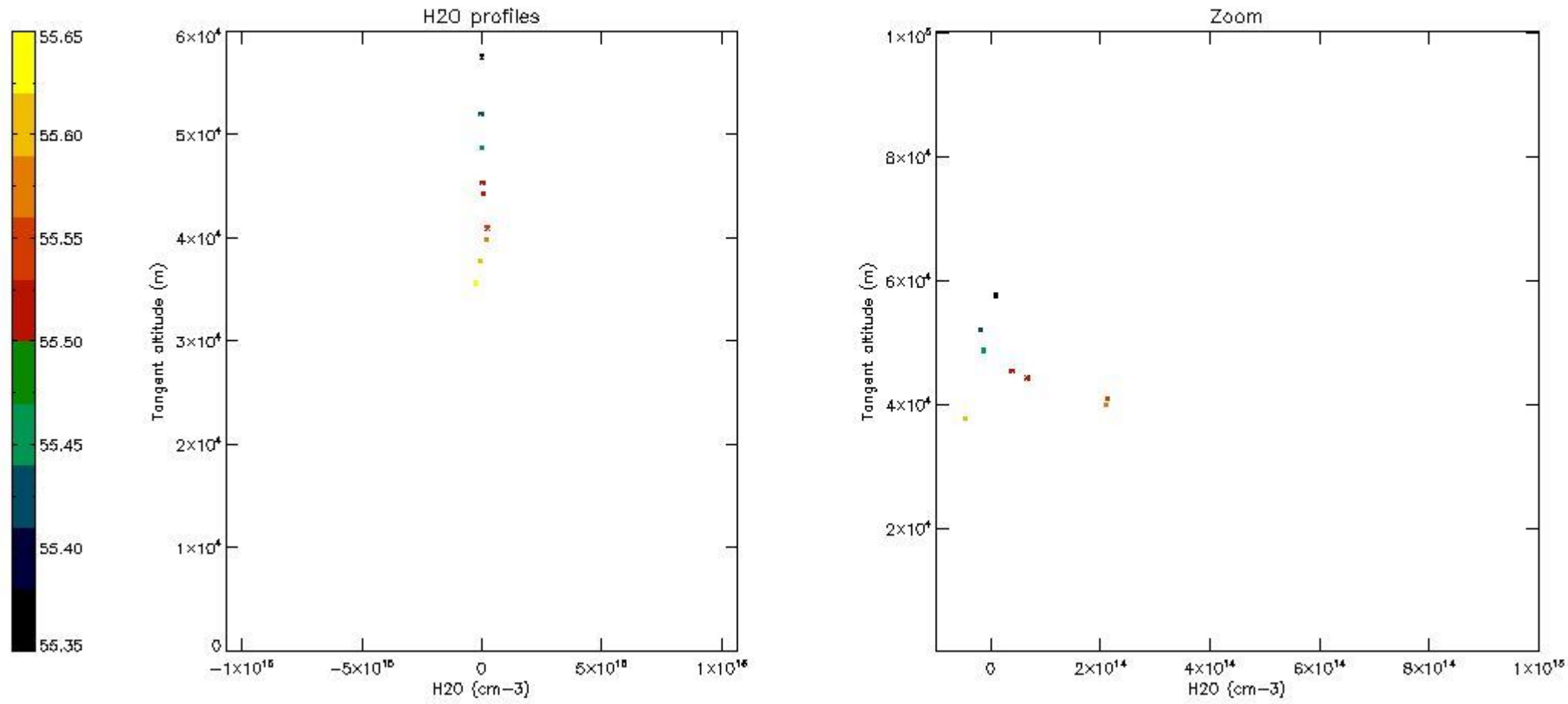
The colorbar represents the latitude.



5.8 Plot H<sub>2</sub>O 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.

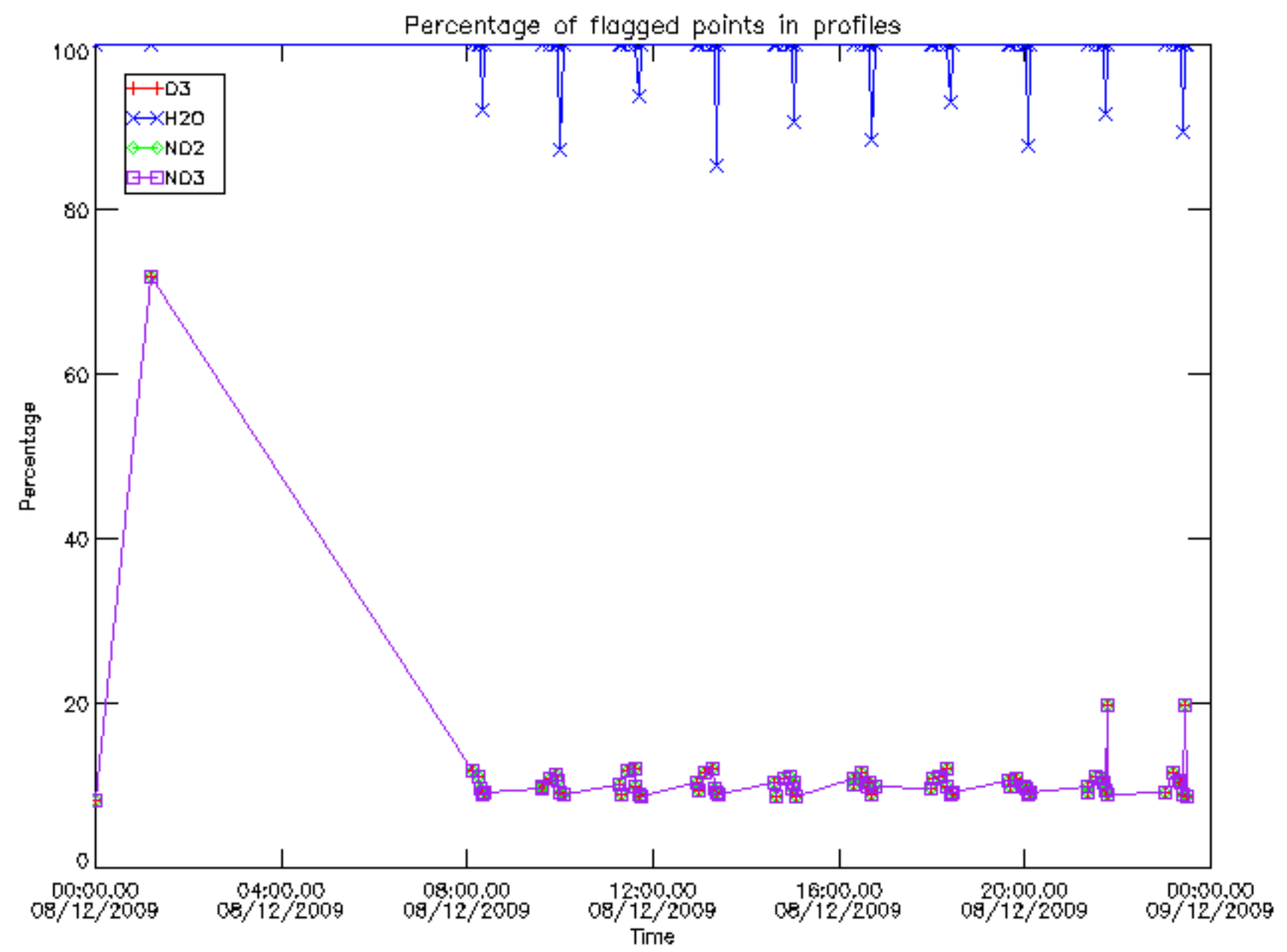




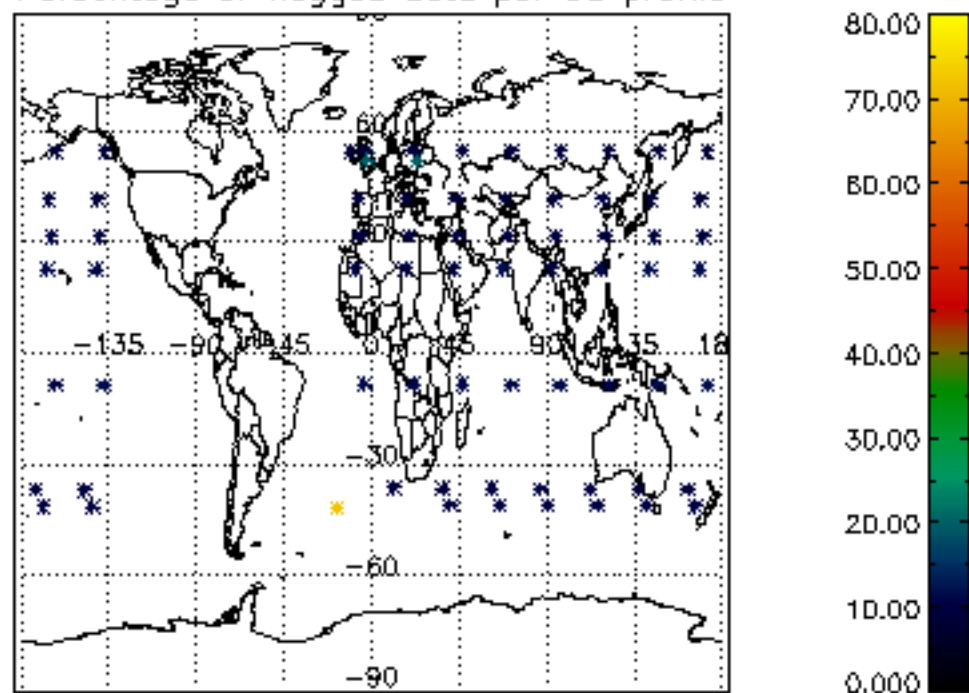
## 6. Auxiliary Data Files used for the production reported in section 2

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.

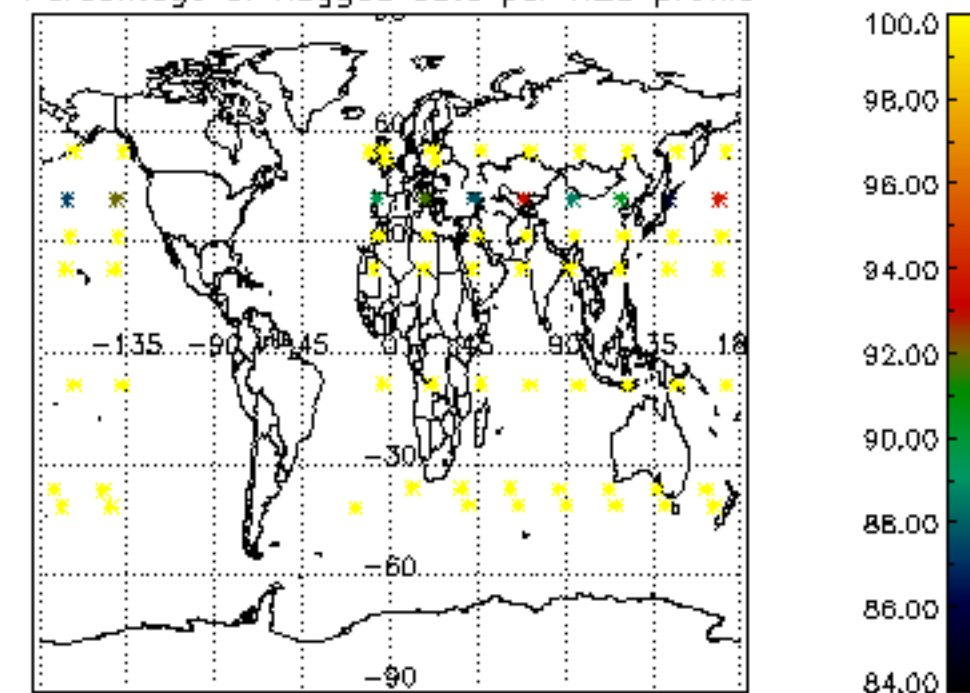
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	08-DEC-2009 00:00:06
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	08-DEC-2009 00:00:06
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	08-DEC-2009 00:00:06



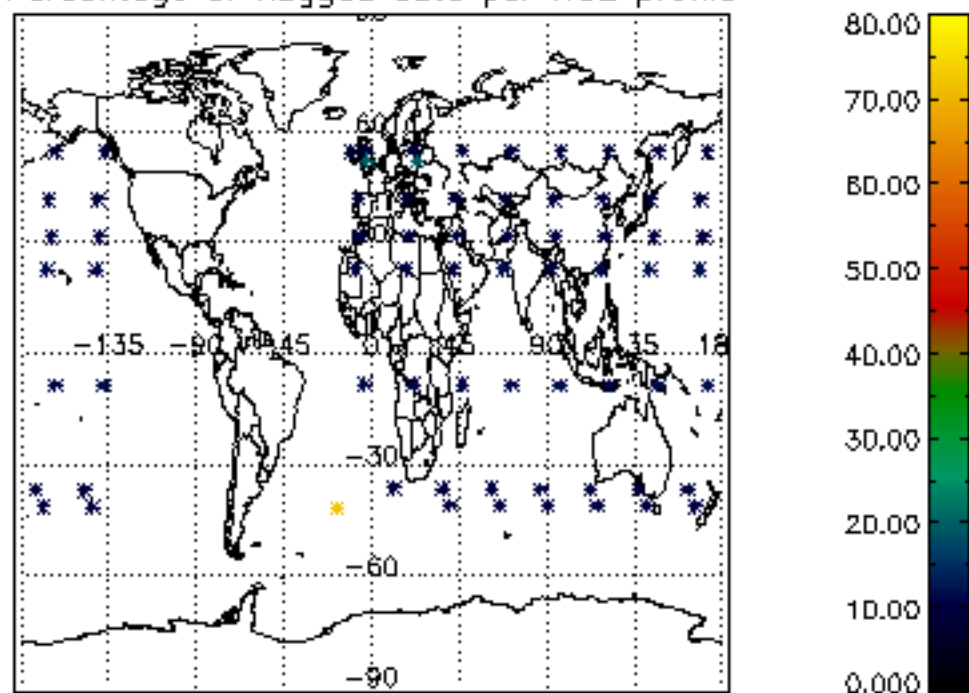
Percentage of flagged data per D3 profile



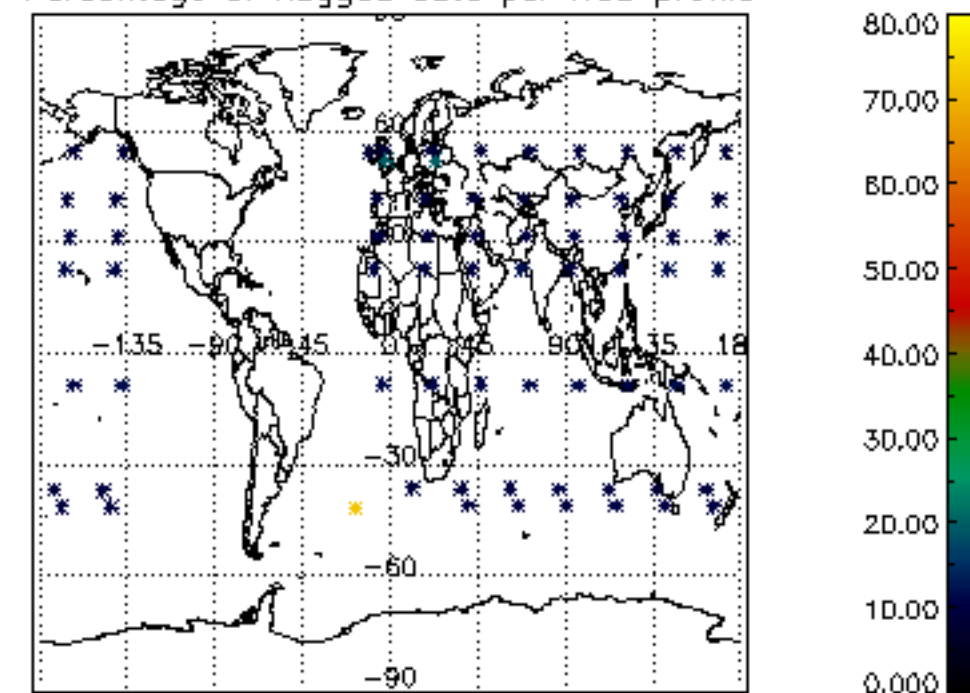
Percentage of flagged data per H2O profile

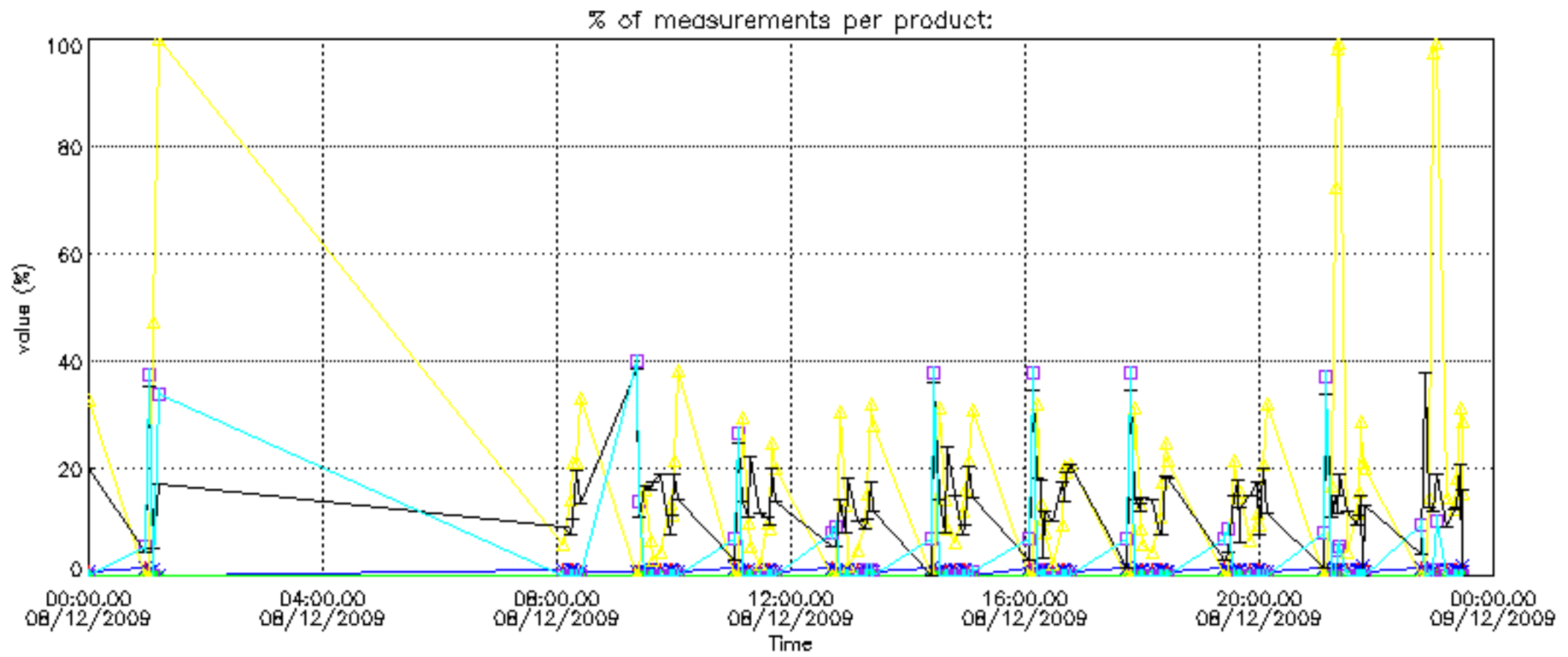


Percentage of flagged data per NO2 profile

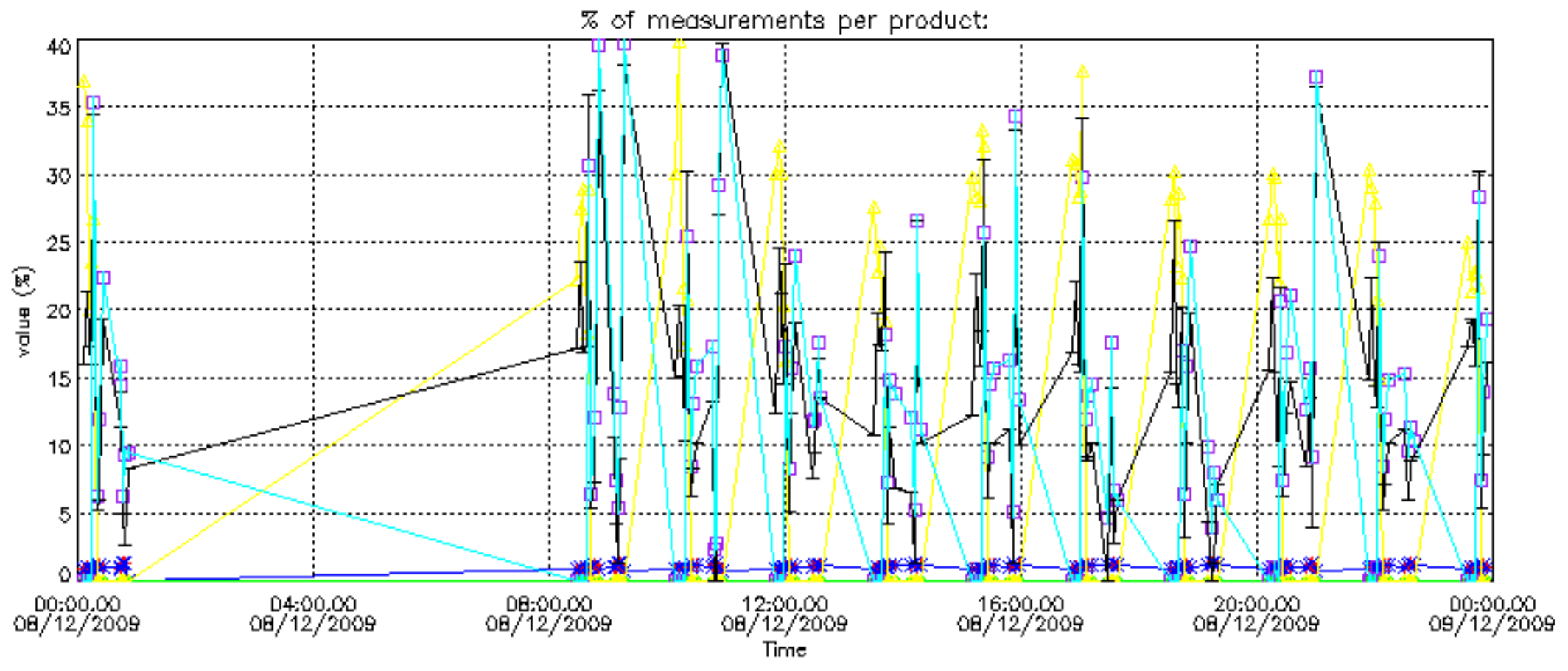


Percentage of flagged data per NO3 profile

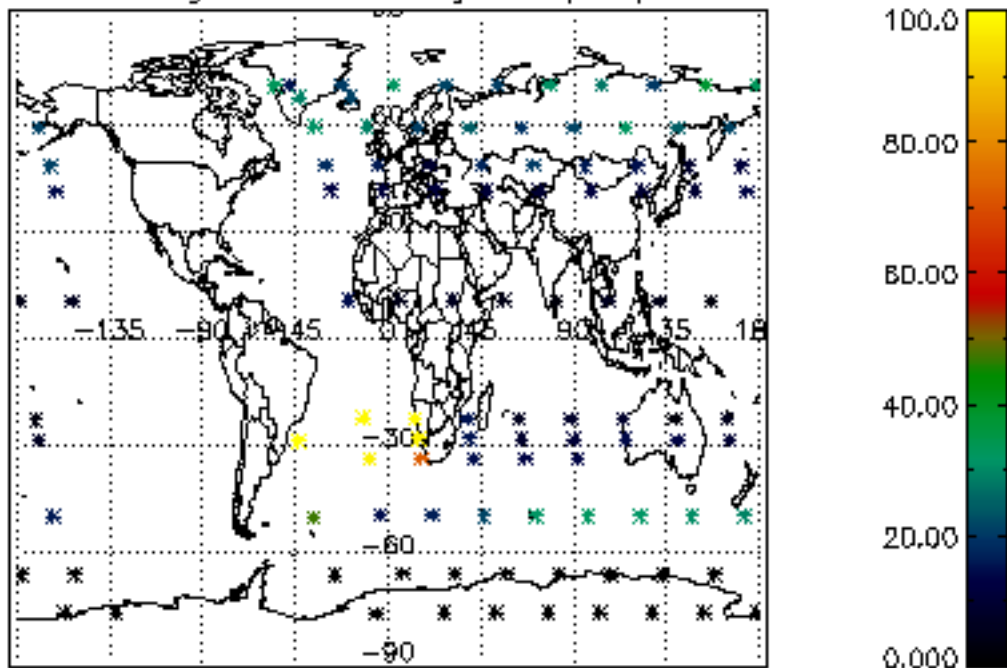




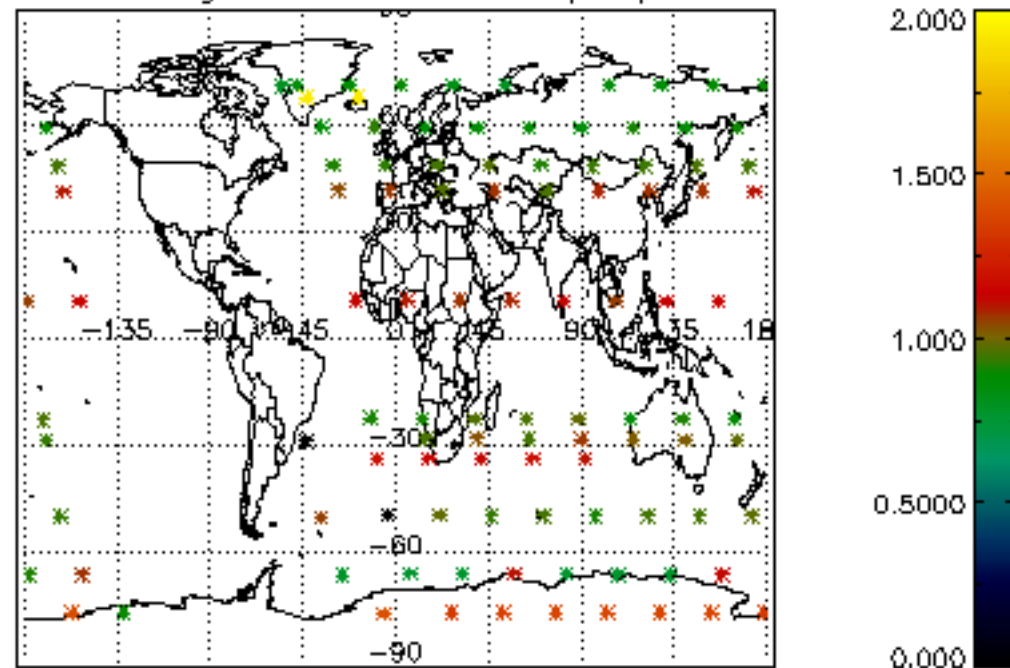




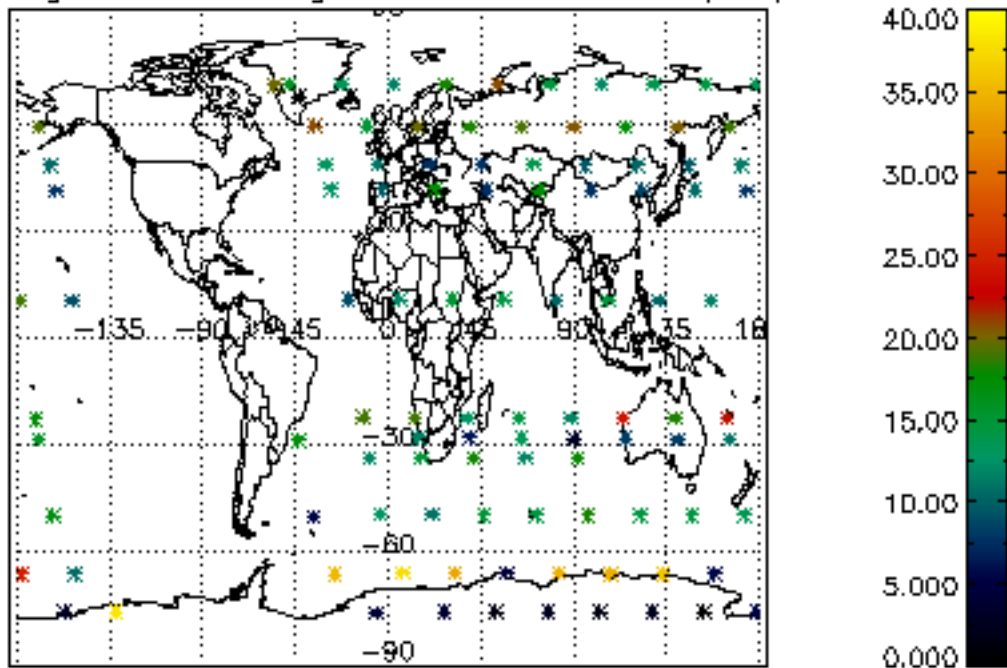
Percentage of cosmic ray hits per profile



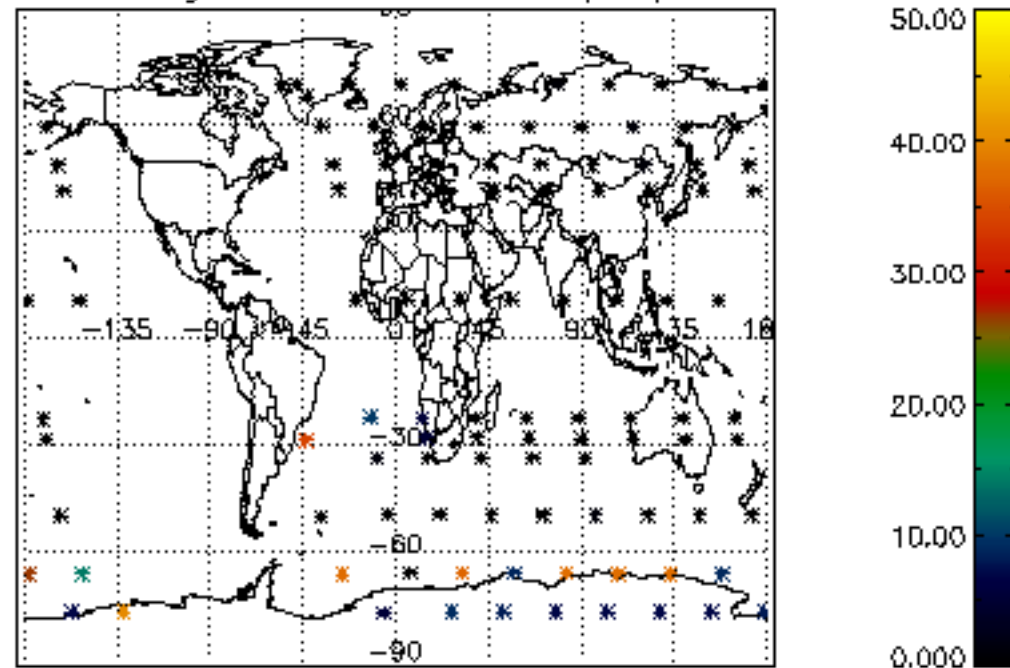
Percentage of datation errors per profile



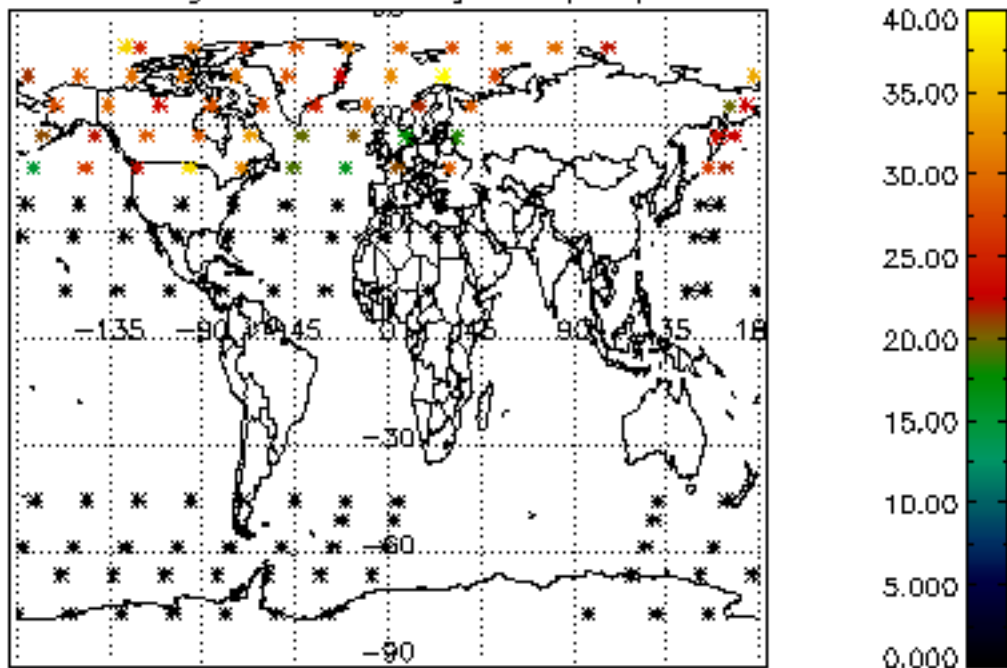
Percentage of star falling outside central band per profile



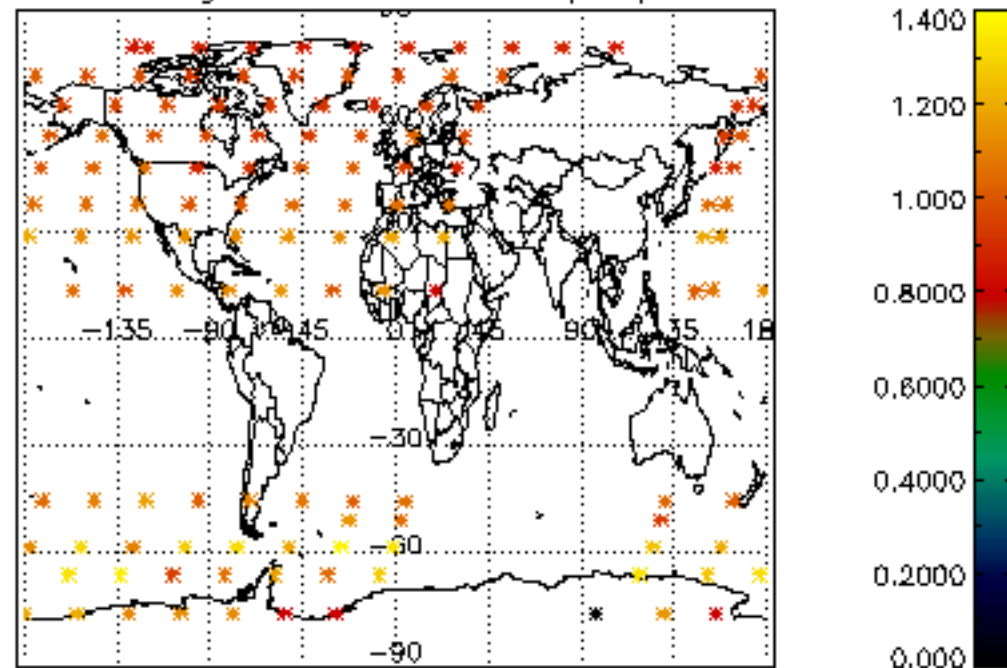
Percentage of saturation errors per profile



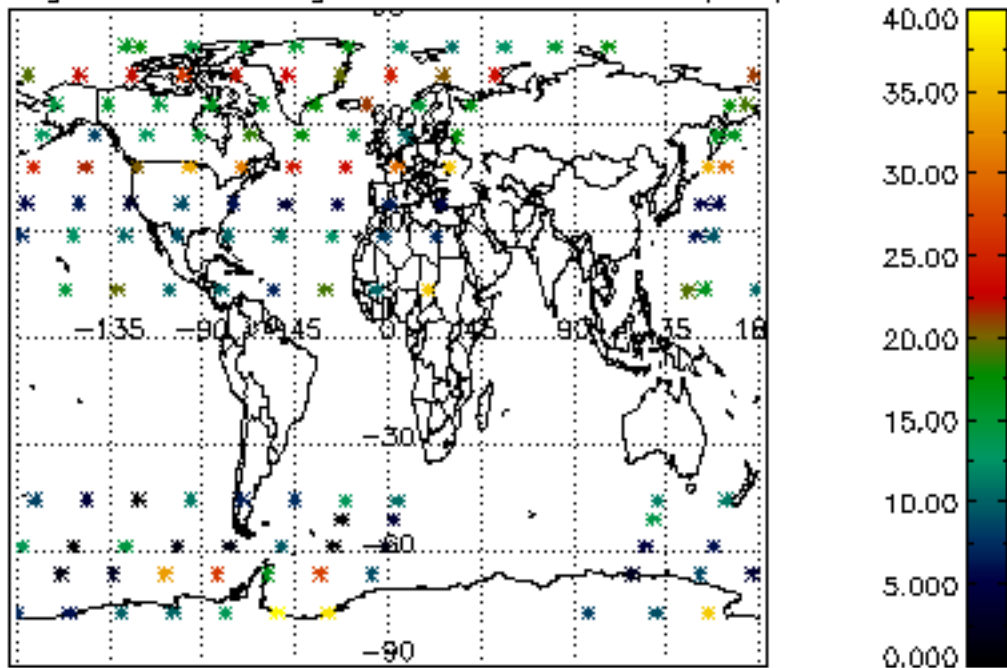
Percentage of cosmic ray hits per profile



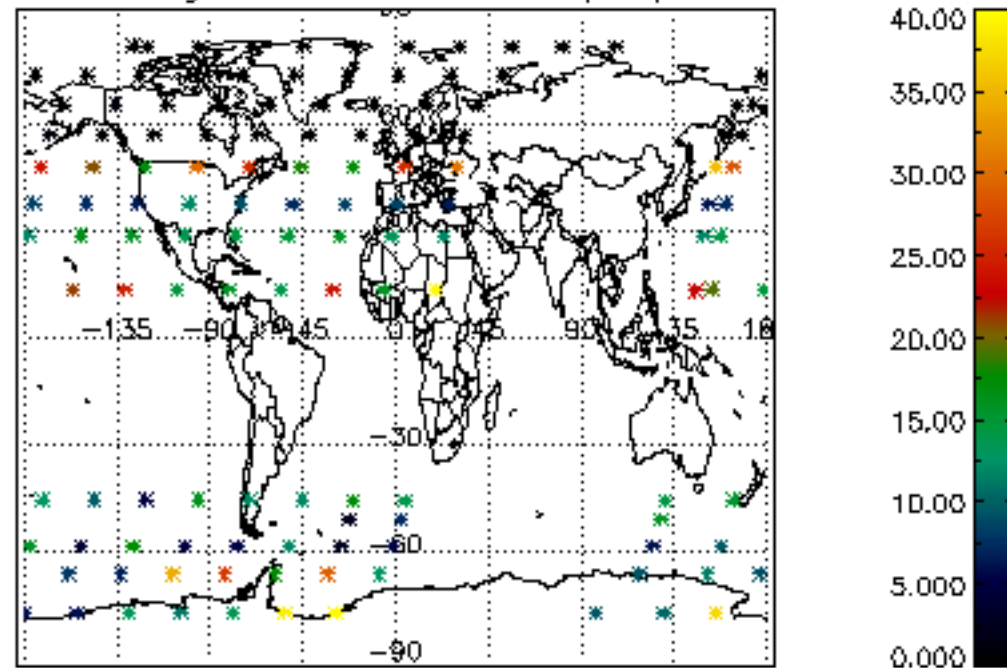
Percentage of datation errors per profile



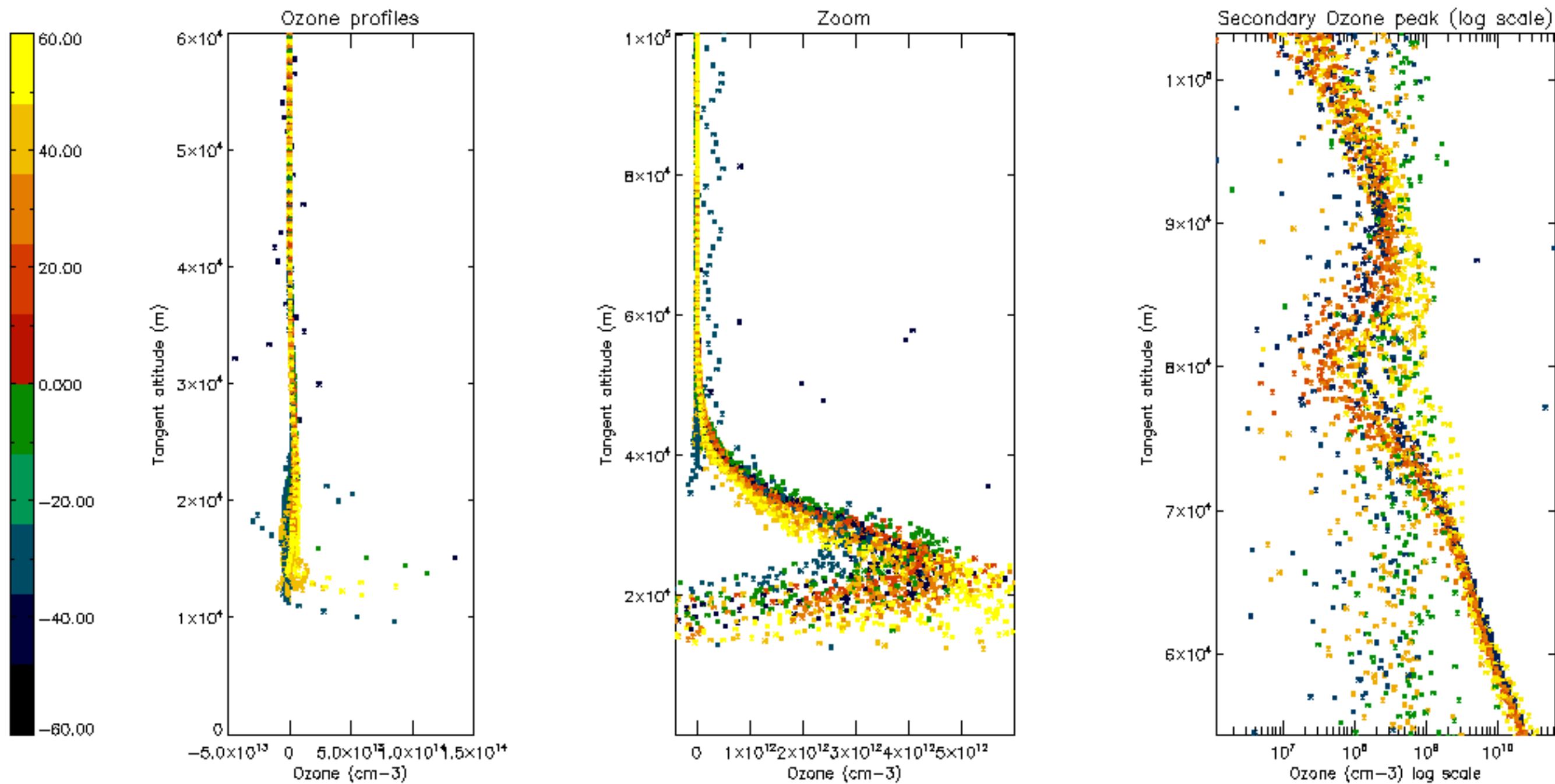
Percentage of star falling outside central band per profile

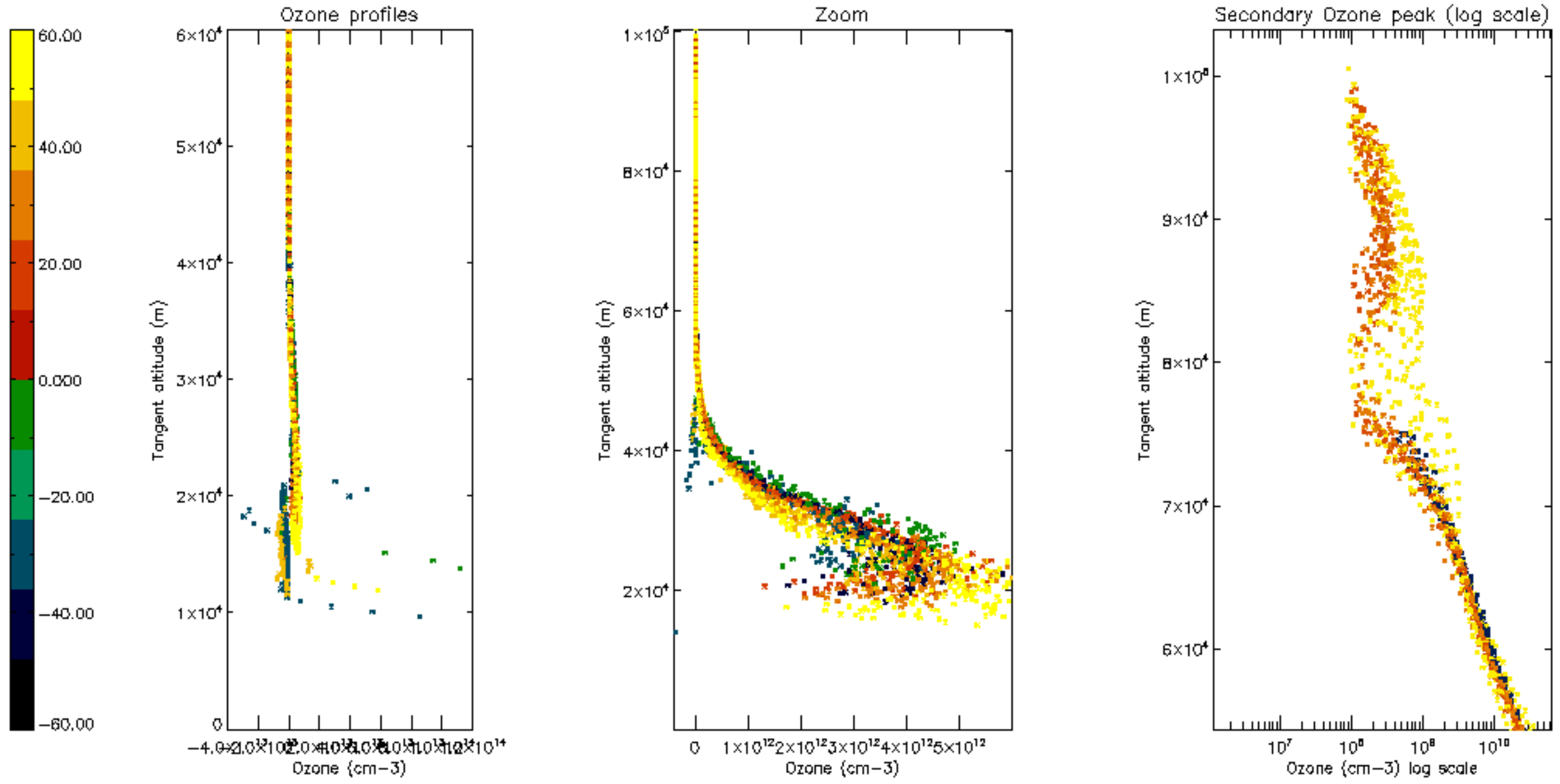


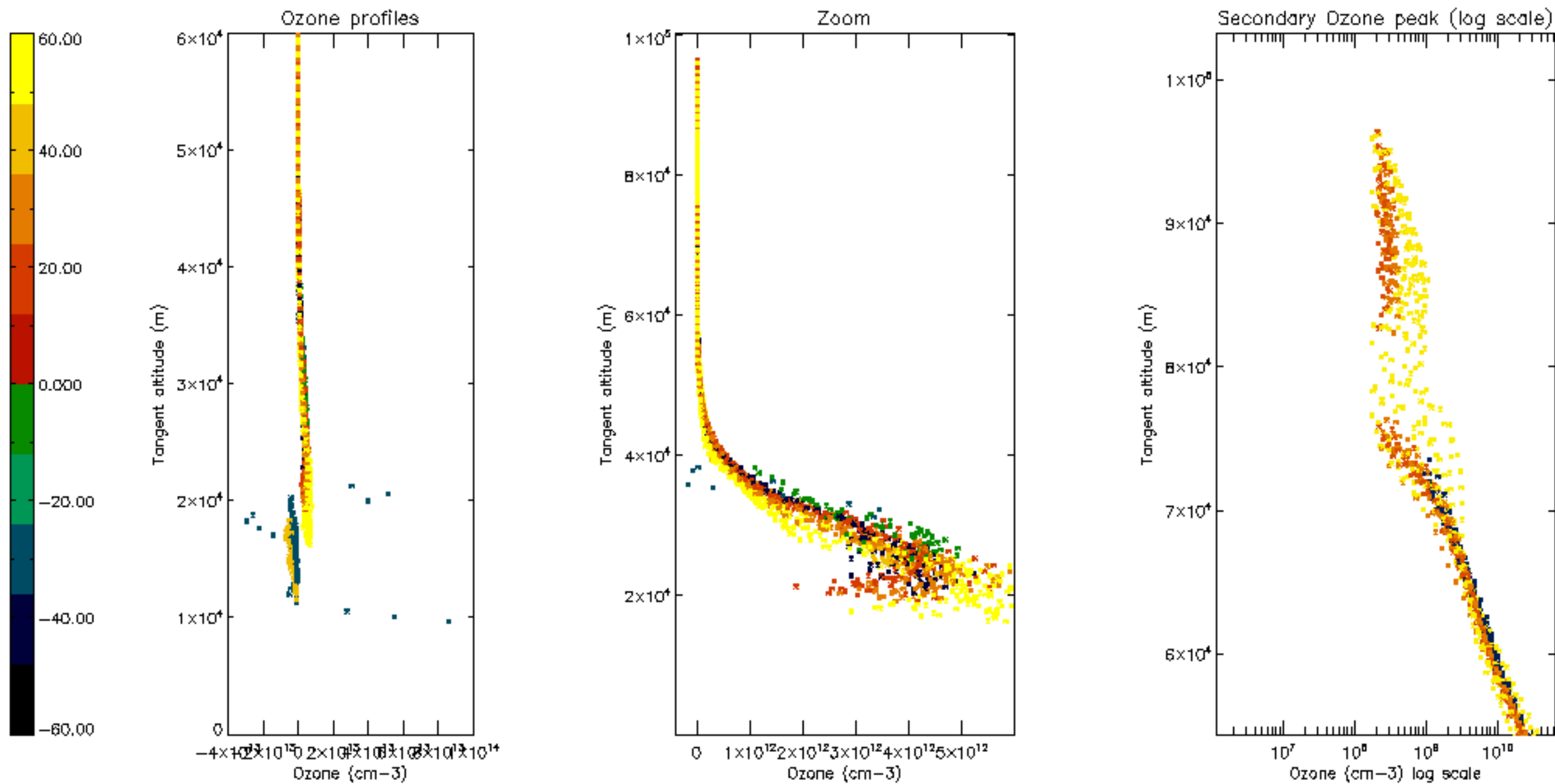
Percentage of saturation errors per profile

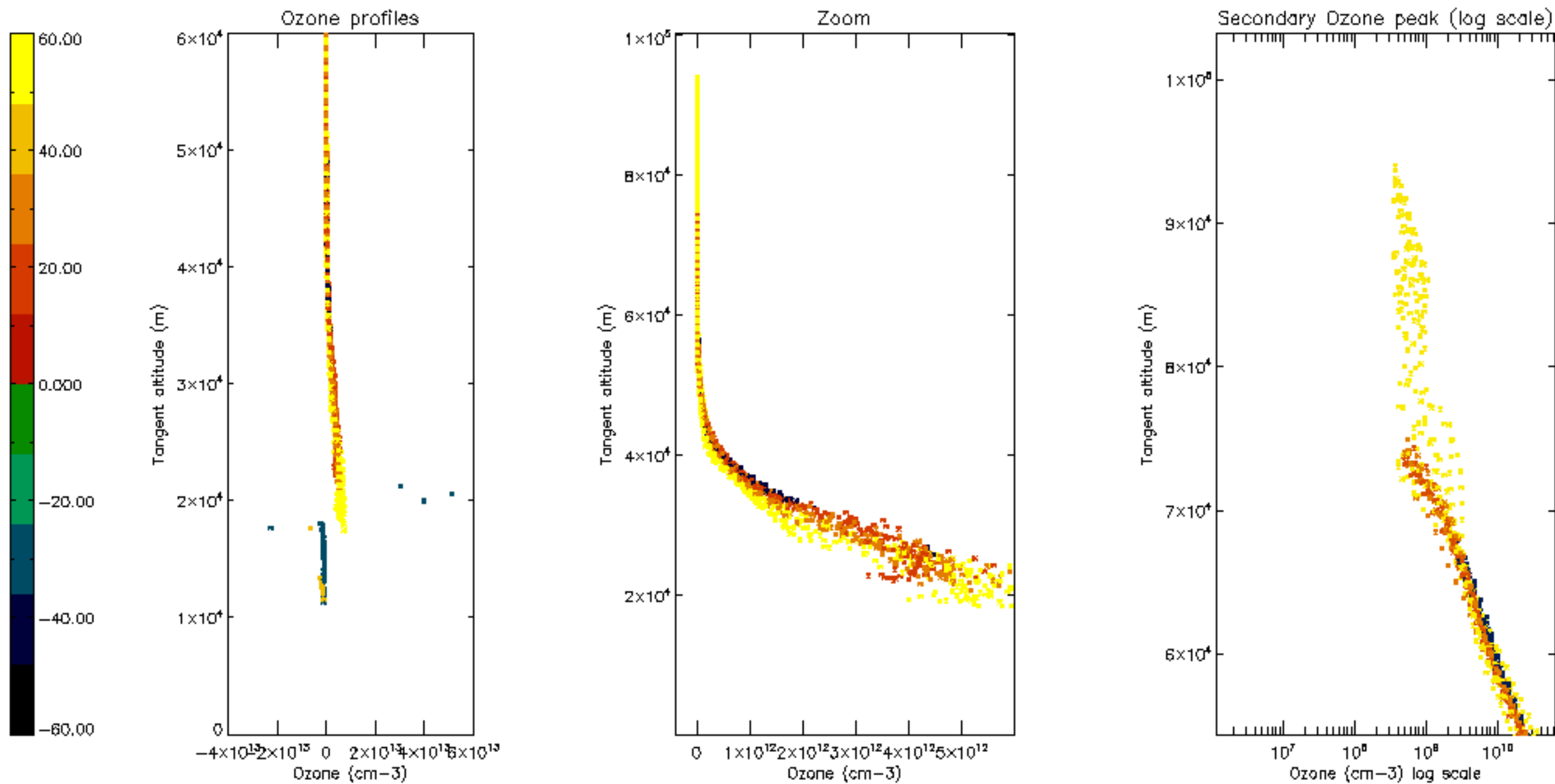




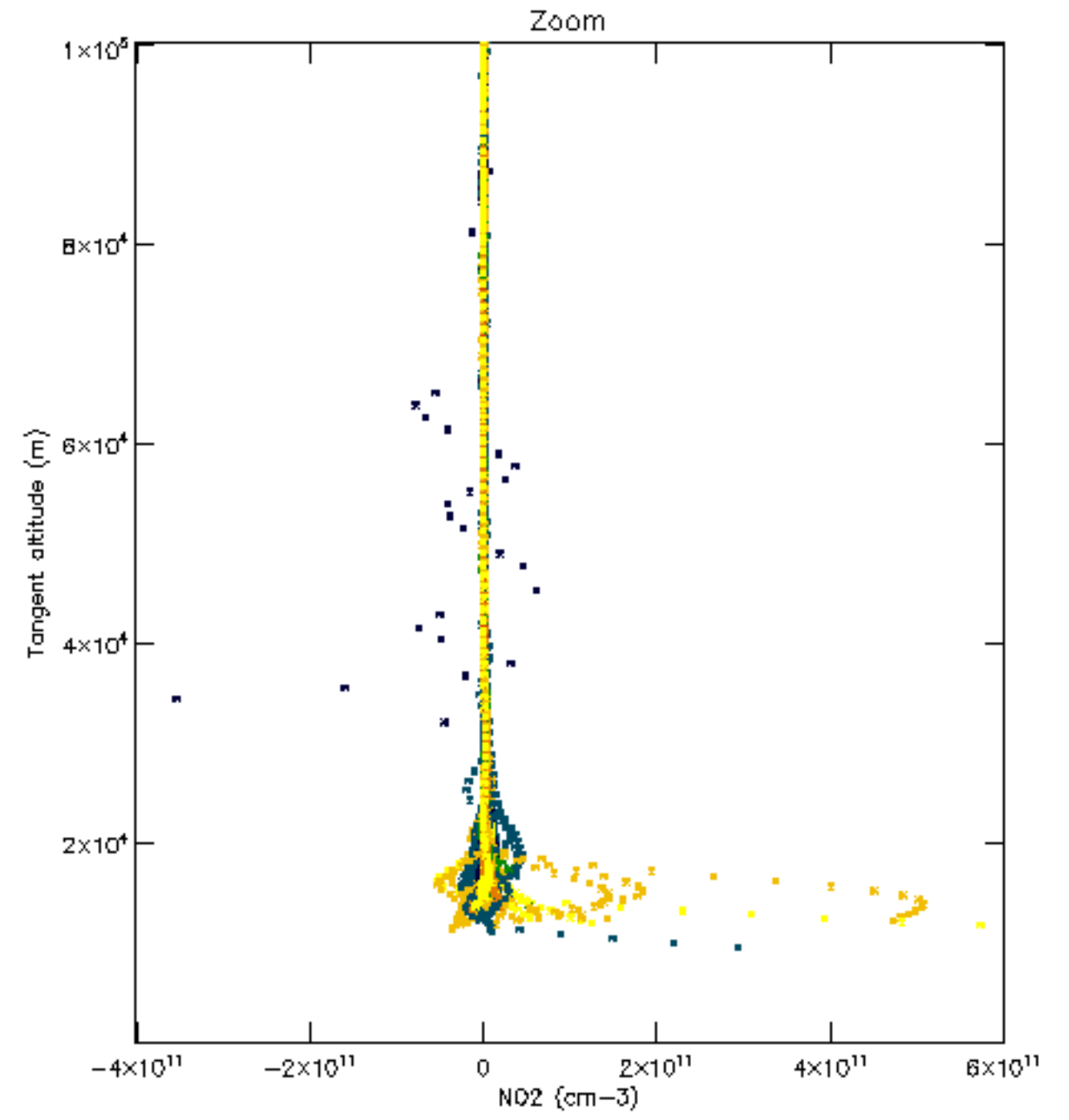
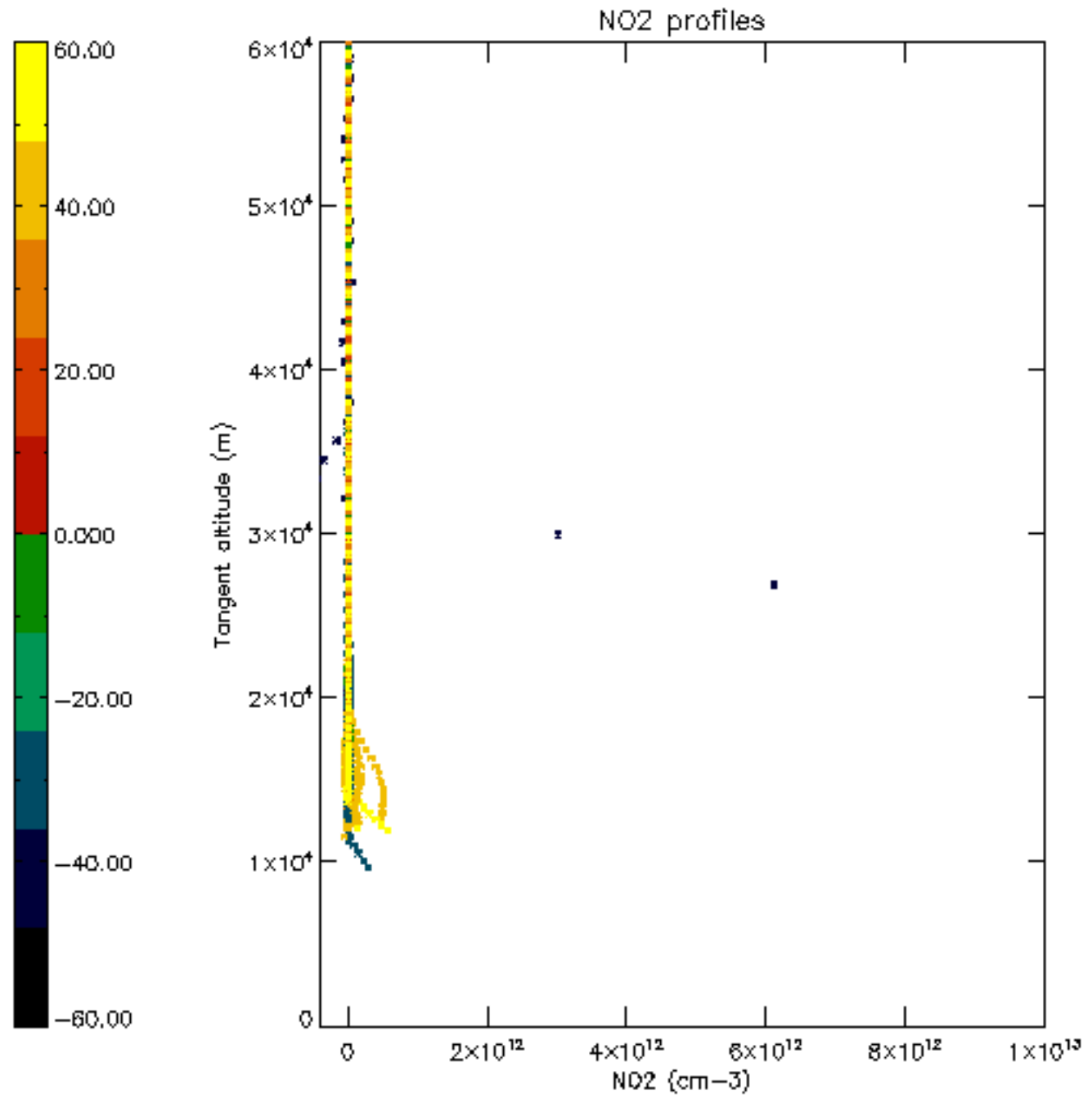


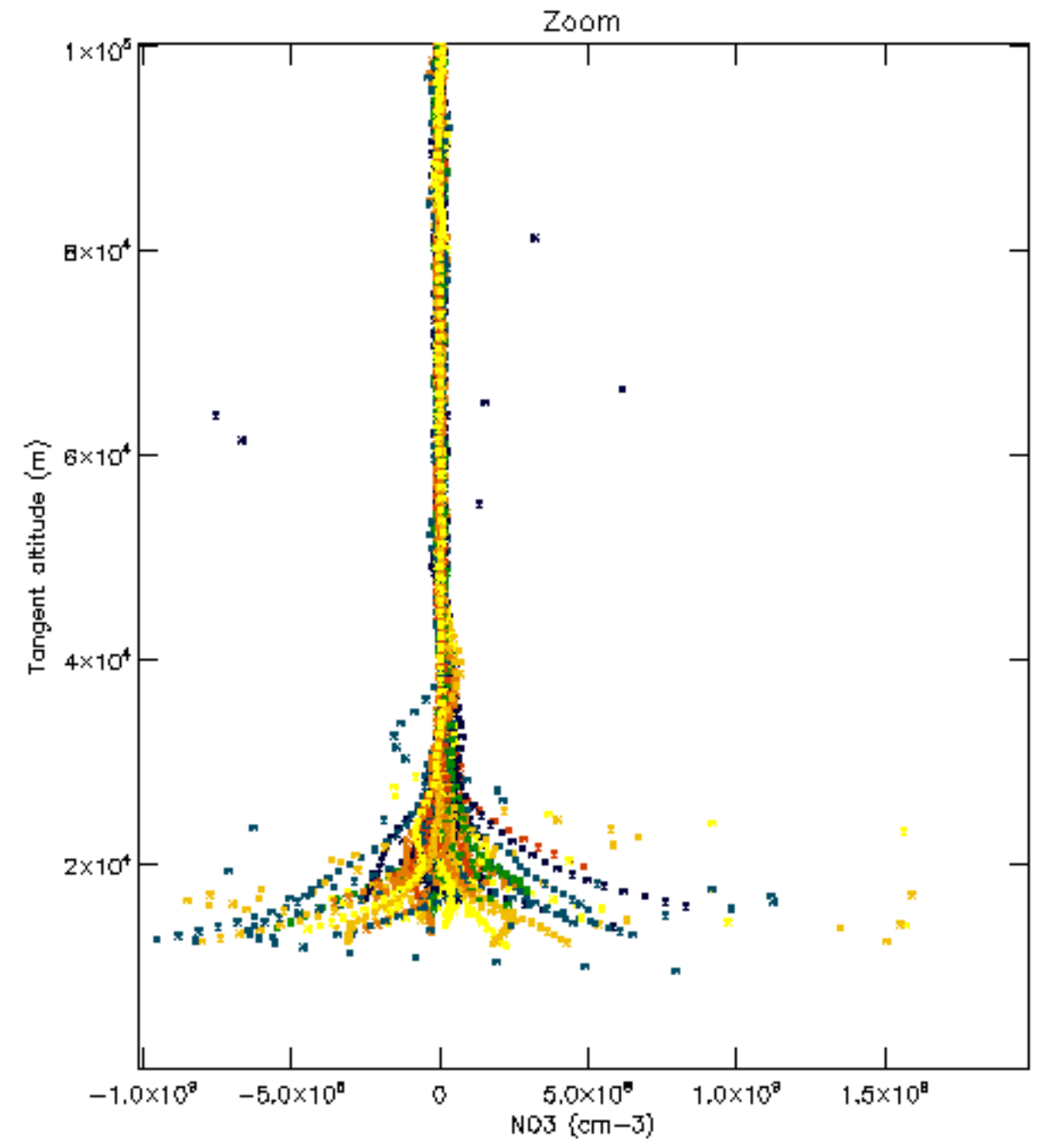
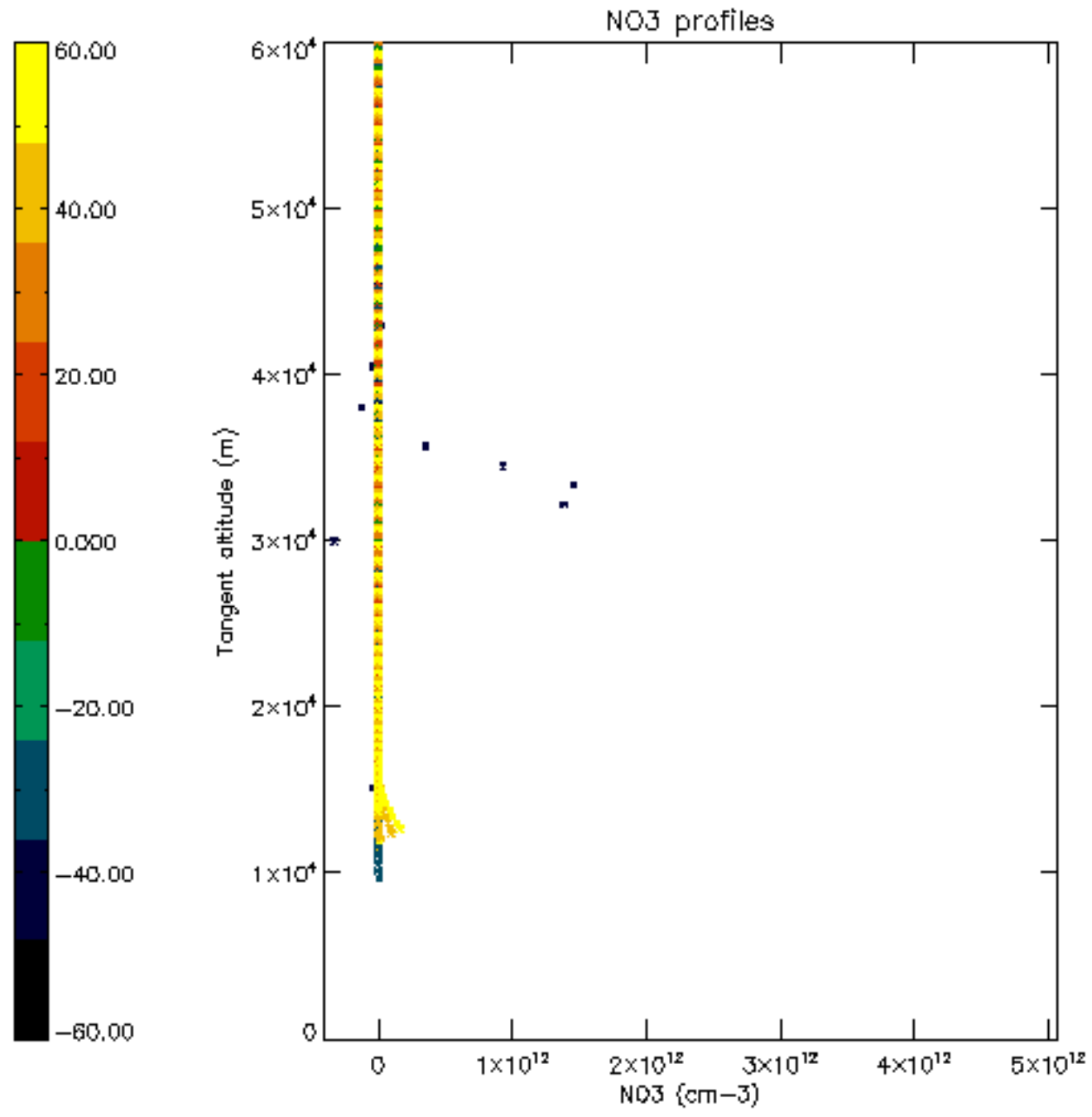


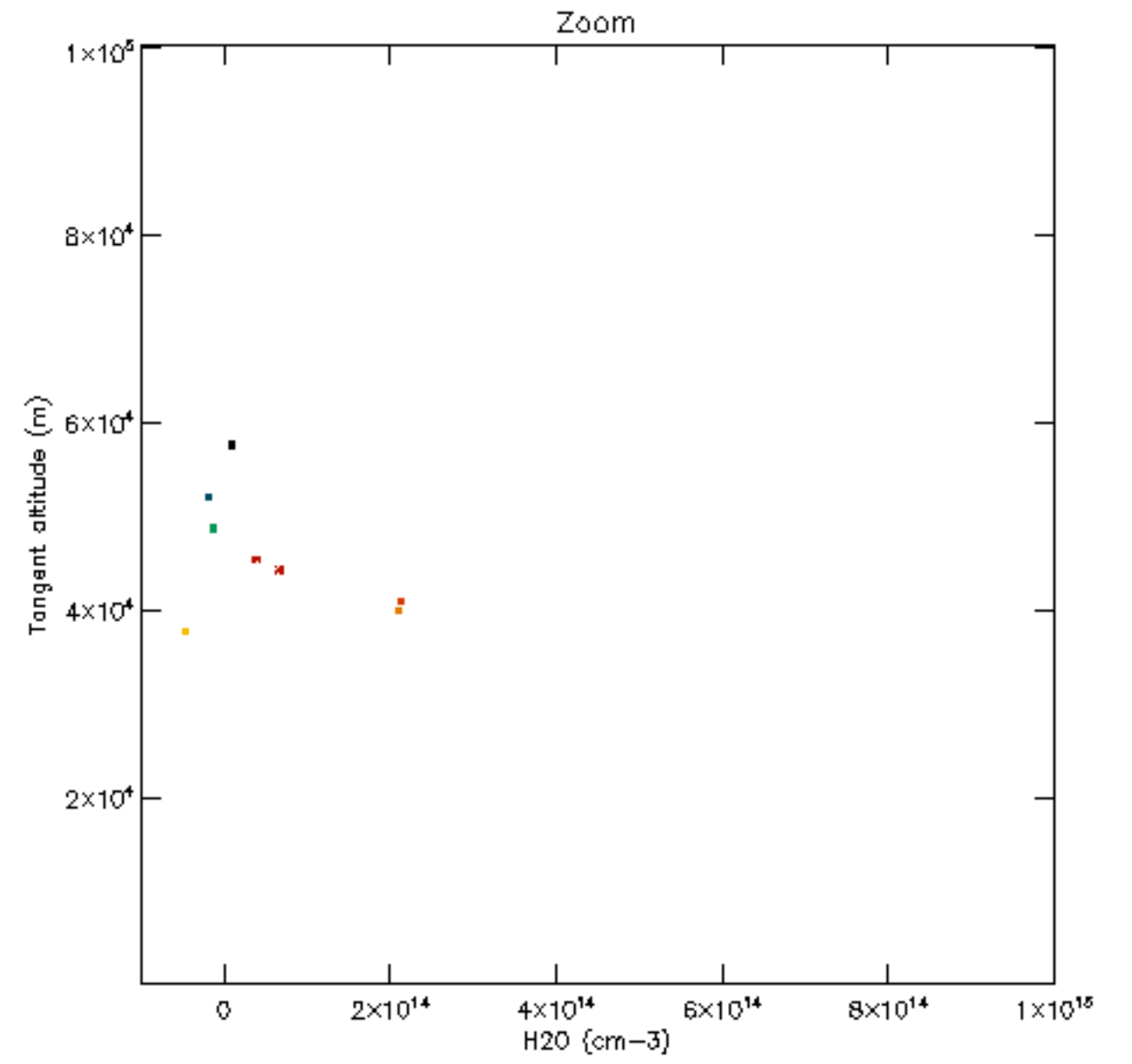
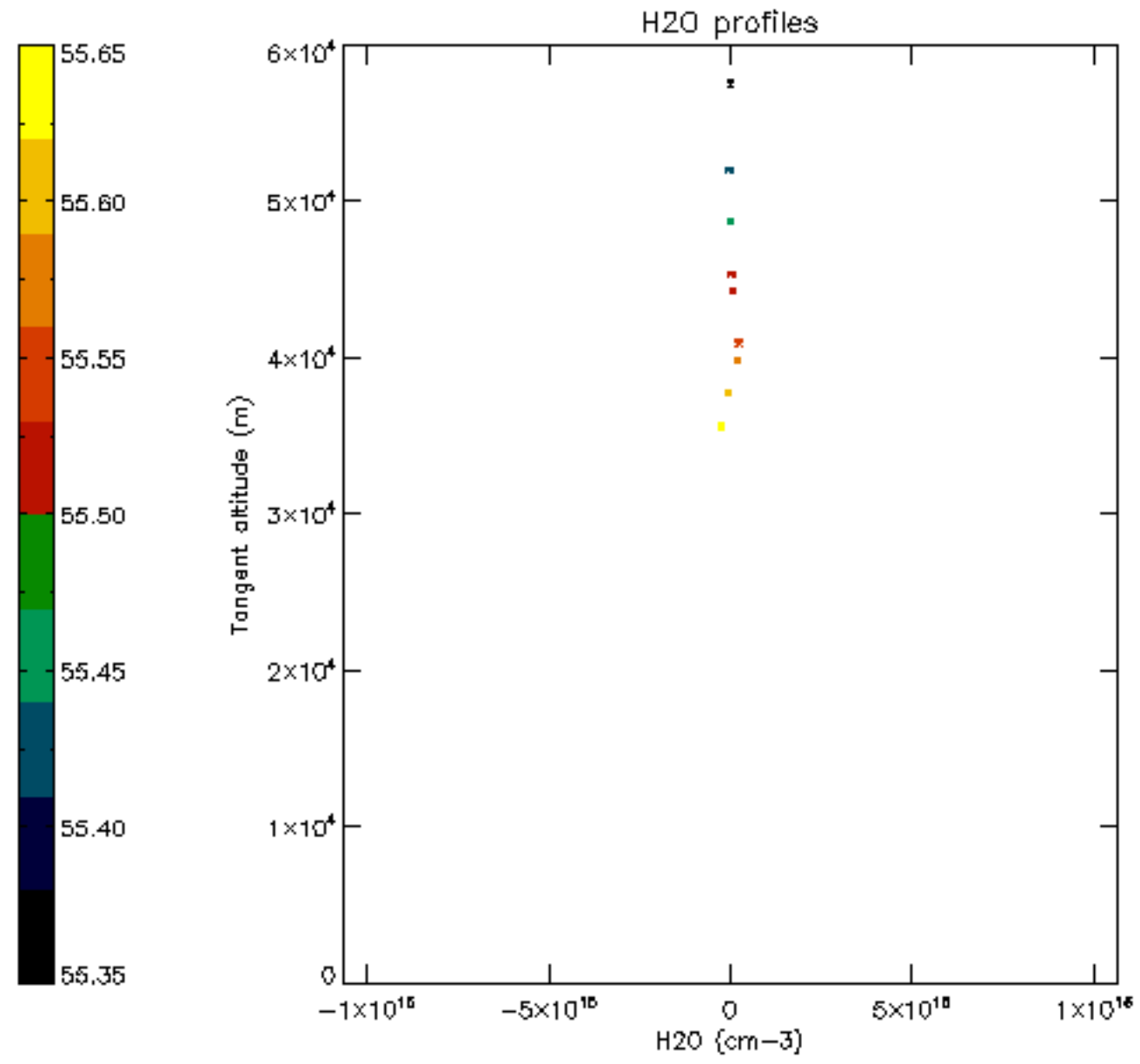


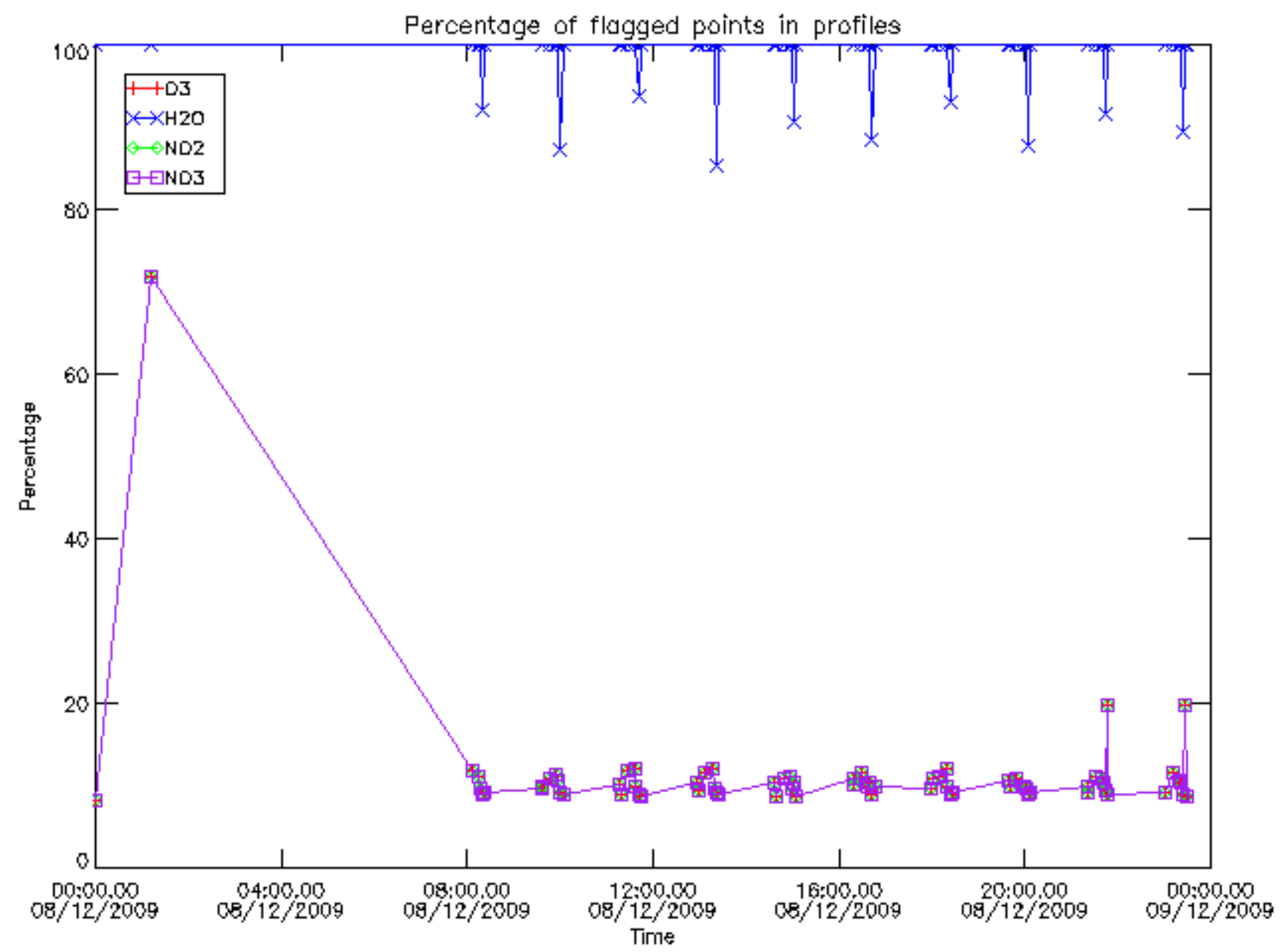






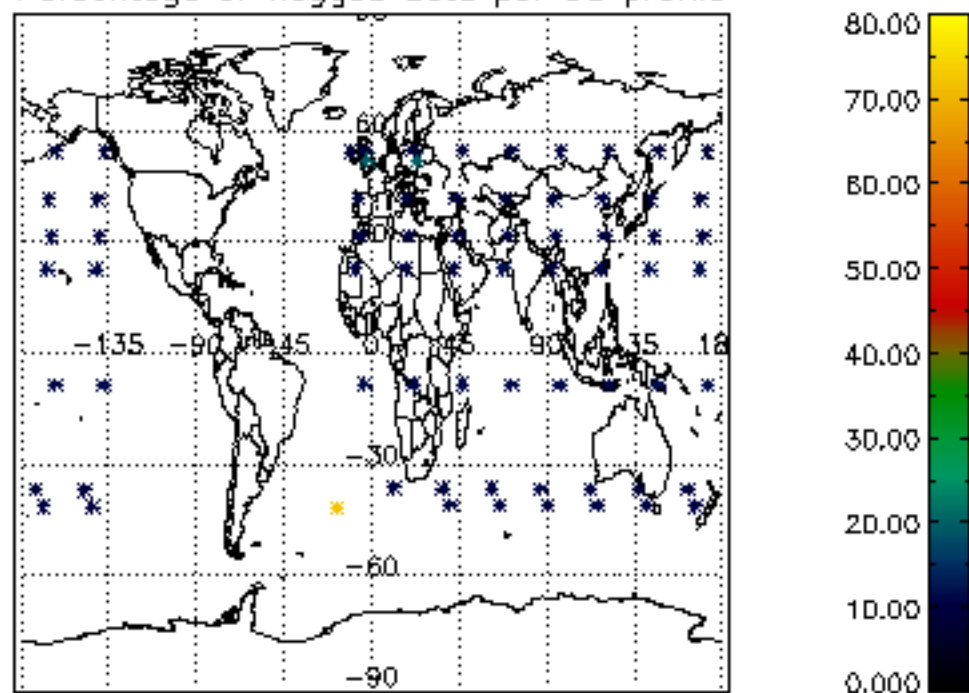




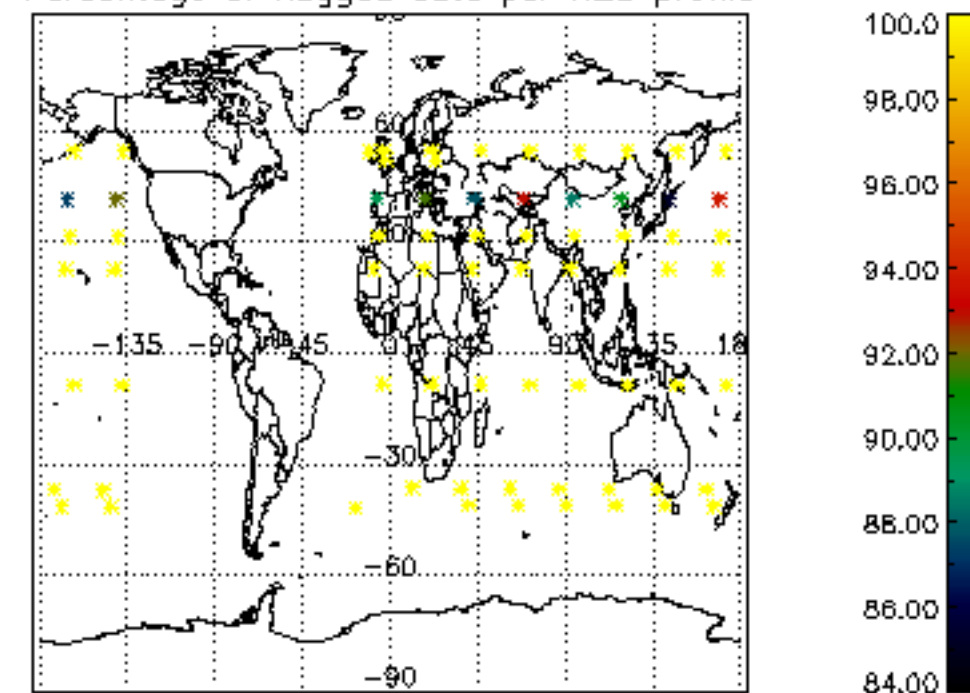




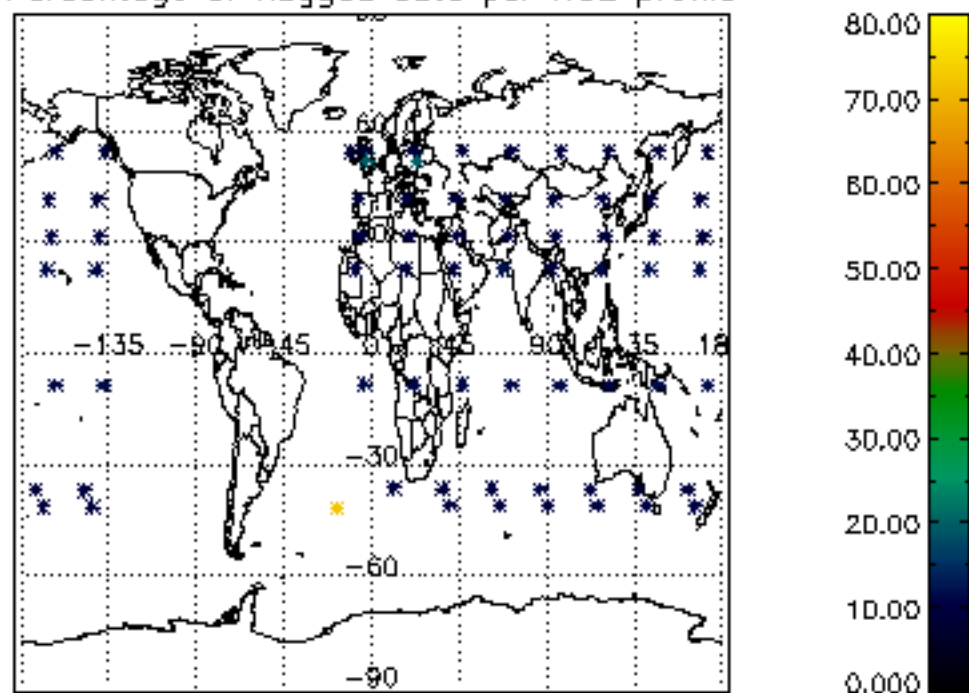
Percentage of flagged data per D3 profile



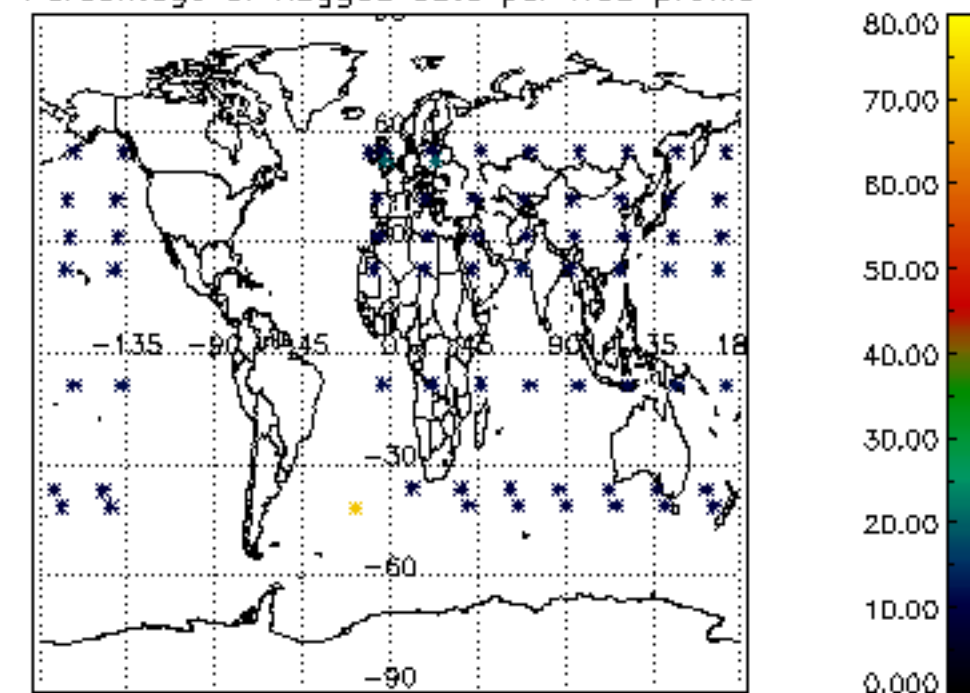
Percentage of flagged data per H2O profile

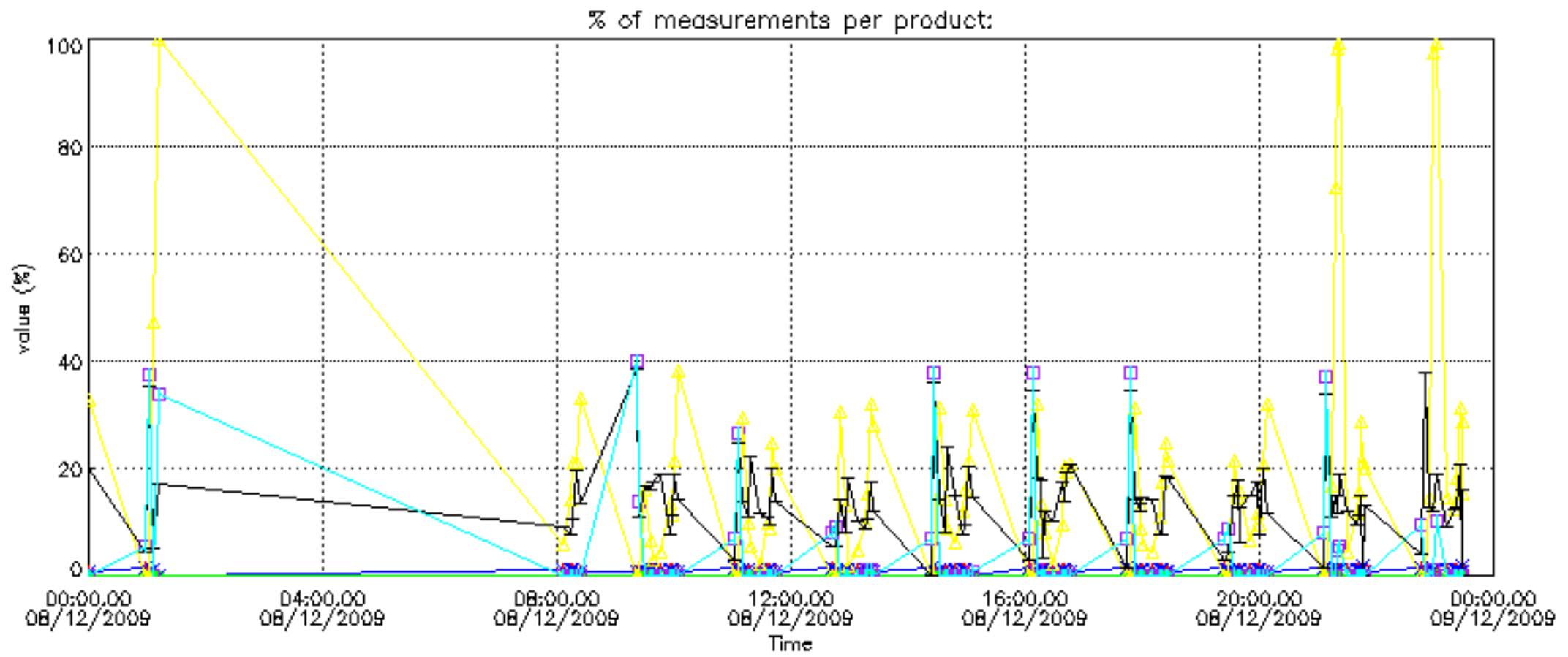


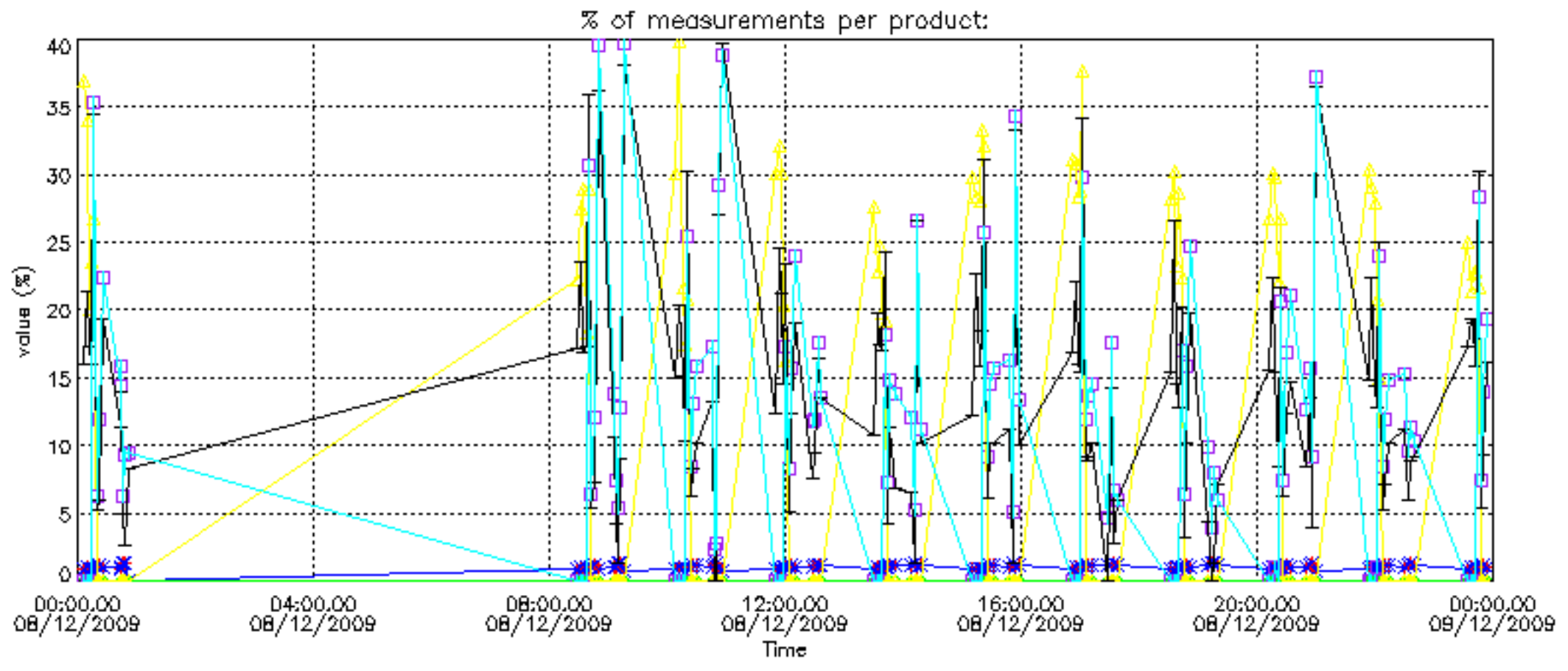
Percentage of flagged data per NO2 profile



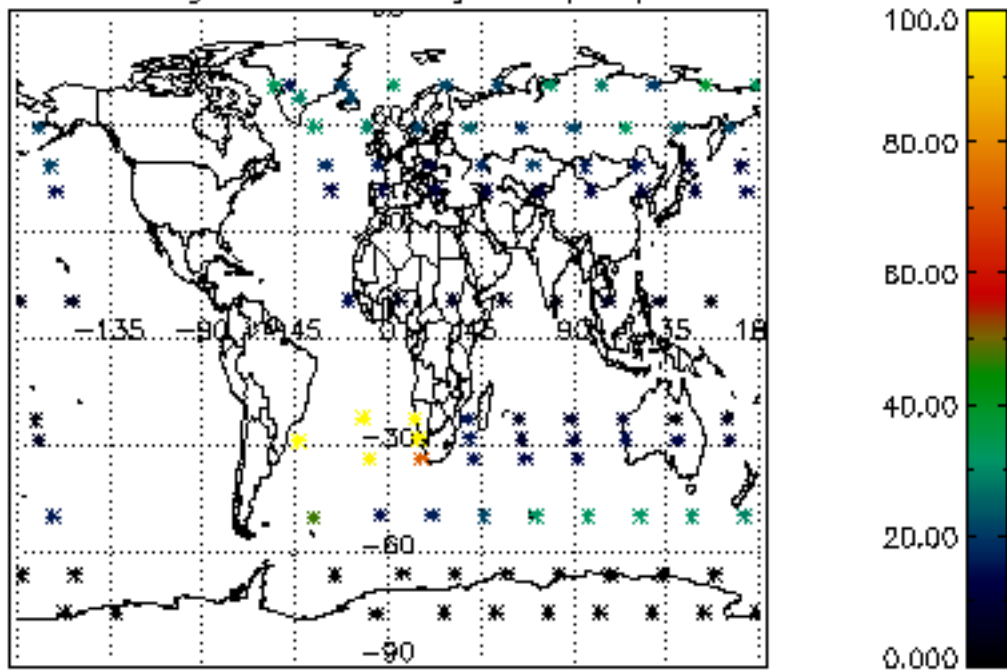
Percentage of flagged data per NO3 profile



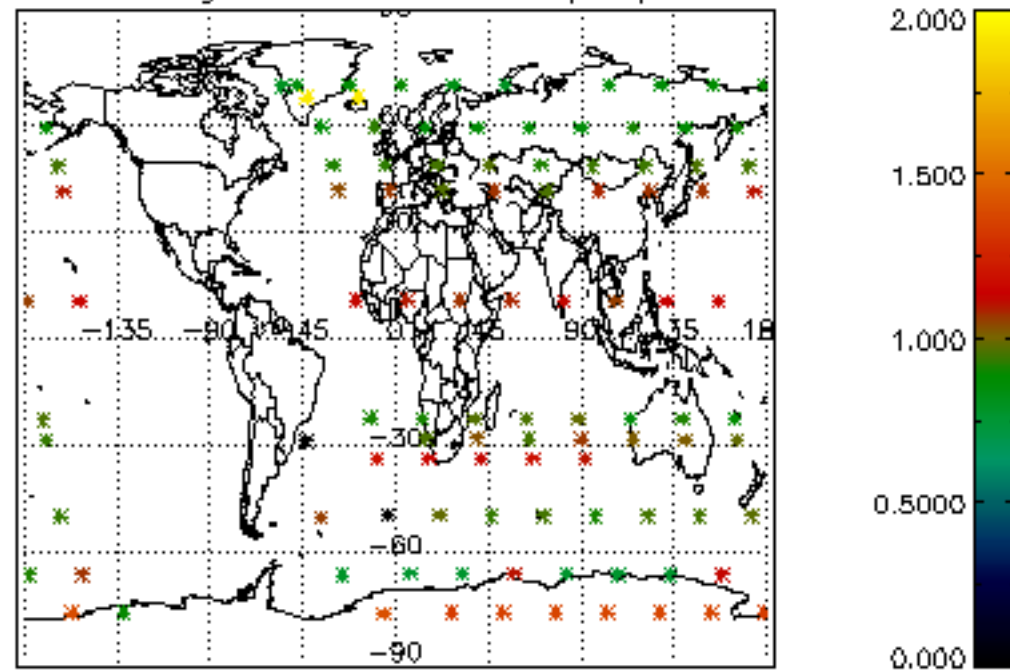




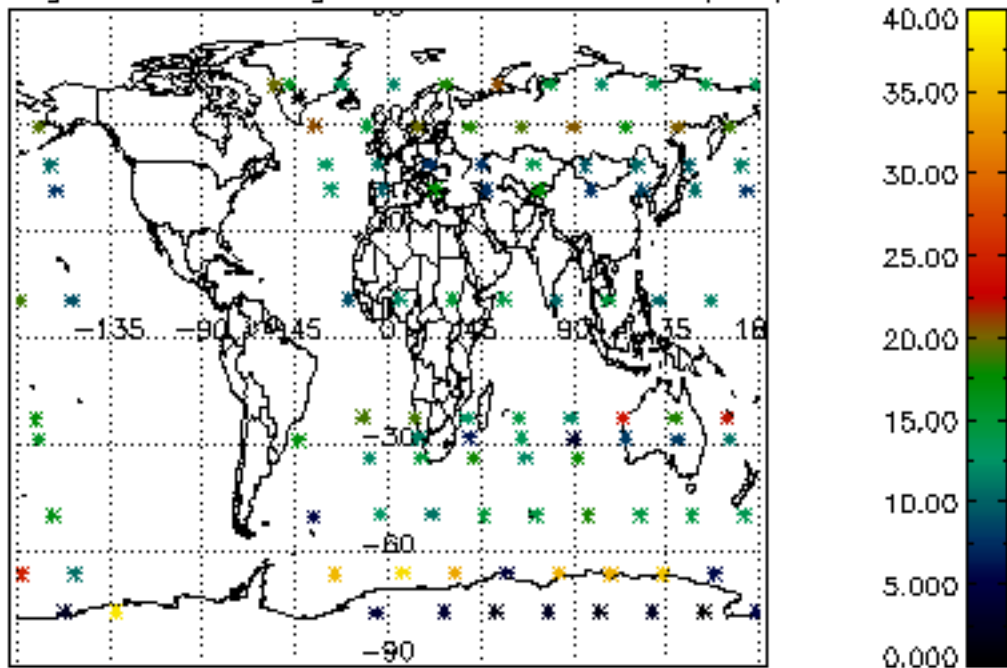
Percentage of cosmic ray hits per profile



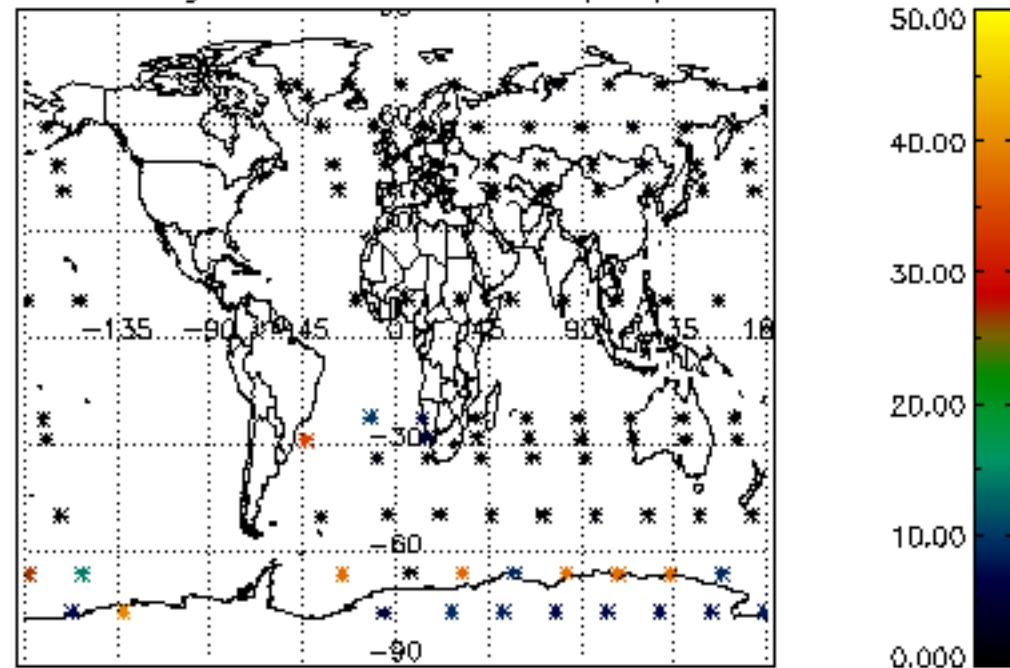
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

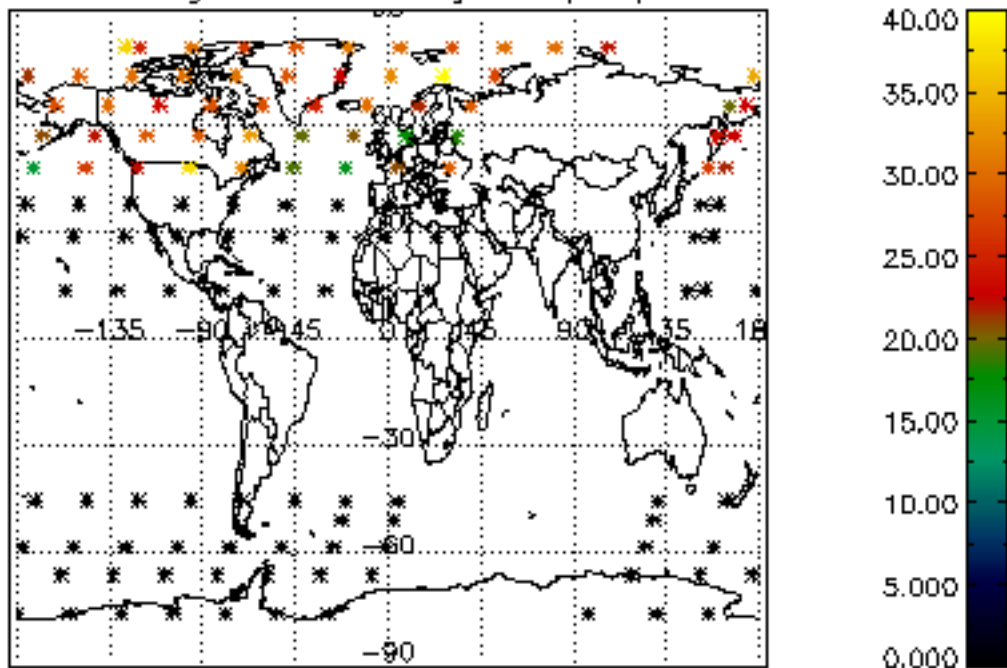


Percentage of saturation errors per profile

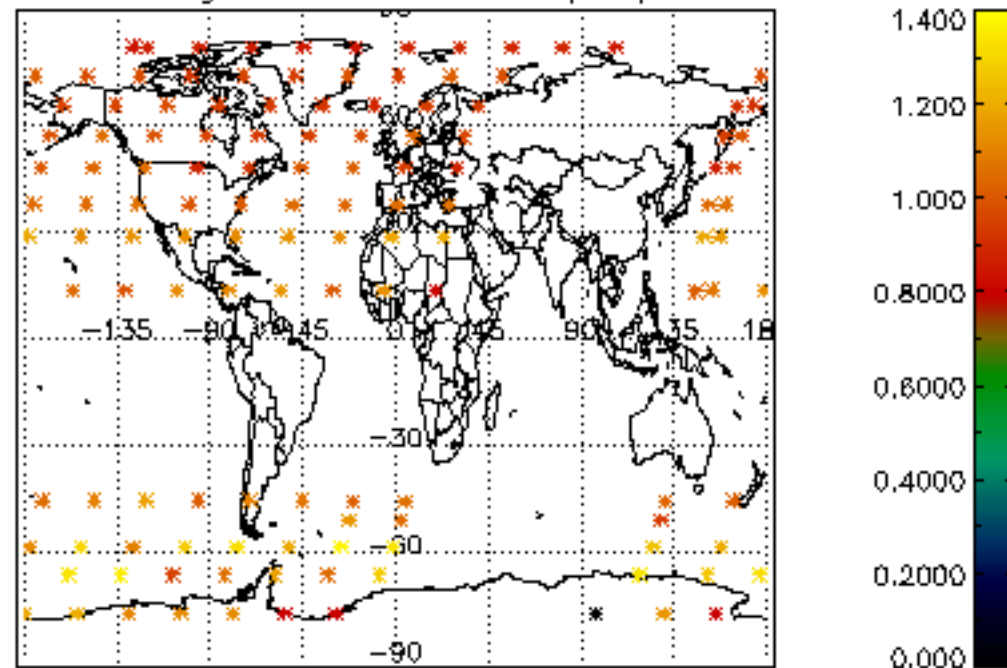




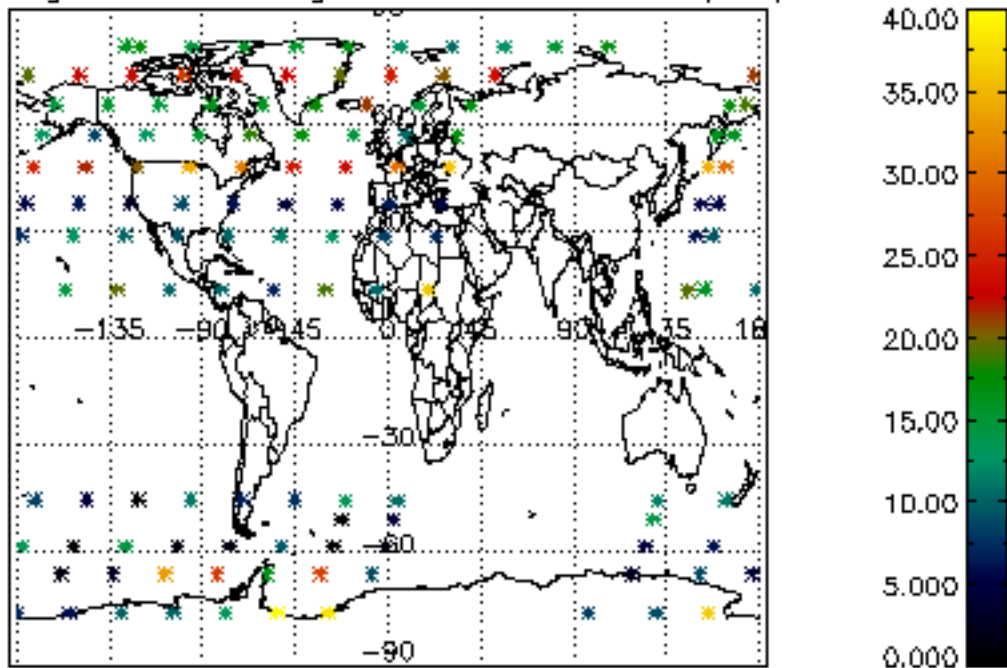
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

