

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[2. Summary of processed GOM_NL_2P products](#)

[3. Level 2 Quality information per product](#)

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

[4. Level 1 Quality information per product \(stored on level 2 products\)](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	24APR2013 09:20:04
Data source version	GOMOS/6.01
Start time of products	18-01-2011 (18JAN2011 00:00:00)
Stop time of products	19-01-2011 (19JAN2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	323
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__2PRFIN20110118_000632_000000563098_00318_46453_8961.N1	18-JAN-2011 00:06:32	Twilight	55.500	8	10Alp CMi	0.40000	6500.0	111	46453	No
2	GOM_NL__2PRFIN20110118_000932_000000443098_00318_46453_8962.N1	18-JAN-2011 00:09:32	Bright	43.500	44	24Gam Gem	1.9280	11000.	87	46453	No
3	GOM_NL__2PRFIN20110118_001205_000000403098_00318_46453_8963.N1	18-JAN-2011 00:12:05	Bright	39.500	170	27Eps Gem	3.0000	9700.0	79	46453	No
4	GOM_NL__2PRFIN20110118_001353_000000463098_00318_46453_8964.N1	18-JAN-2011 00:13:53	Bright	45.500	17	78Bet Gem	1.1610	4500.0	91	46453	No
5	GOM_NL__2PRFIN20110118_003004_000000353098_00318_46453_8965.N1	18-JAN-2011 00:30:04	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	46453	No
6	GOM_NL__2PRFIN20110118_003356_000000373098_00318_46453_8966.N1	18-JAN-2011 00:33:56	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	46453	No
7	GOM_NL__2PRFIN20110118_003819_000000383098_00318_46453_8967.N1	18-JAN-2011 00:38:19	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	46453	No
8	GOM_NL__2PRFIN20110118_004716_000000373098_00318_46453_8968.N1	18-JAN-2011 00:47:16	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	46453	No
9	GOM_NL__2PRFIN20110118_004932_000000663098_00318_46453_8969.N1	18-JAN-2011 00:49:32	Bright	66.000	67	5Alp CrB	2.2210	11000.	132	46453	No
10	GOM_NL__2PRFIN20110118_010205_000000513098_00318_46453_8970.N1	18-JAN-2011 01:02:05	Twilight	51.000	104	27Bet Lib	2.6140	13100.	102	46453	No
11	GOM_NL__2PRFIN20110118_010529_000000563098_00318_46453_8971.N1	18-JAN-2011 01:05:29	Dark	56.000	122	9Alp2Lib	2.7470	9700.0	112	46453	No
12	GOM_NL__2PRFIN20110118_011106_000000423098_00318_46453_8972.N1	18-JAN-2011 01:11:06	Dark	42.000	109	Bet Lup	2.6770	26000.	84	46453	No
13	GOM_NL__2PRFIN20110118_011239_000000613098_00318_46453_8973.N1	18-JAN-2011 01:12:39	Dark	61.000	54	5The Cen	2.0550	4500.0	122	46453	No
14	GOM_NL__2PRFIN20110118_011443_000000433098_00319_46454_8968.N1	18-JAN-2011 01:14:43	Dark	42.500	95	Zet Cen	2.5450	26000.	85	46454	No
15	GOM_NL__2PRFIN20110118_011608_000000473098_00319_46454_8969.N1	18-JAN-2011 01:16:08	Dark	46.500	77	Eps Cen	2.3030	28000.	93	46454	No
16	GOM_NL__2PRFIN20110118_011928_000000453098_00319_46454_8970.N1	18-JAN-2011 01:19:28	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	46454	No
17	GOM_NL__2PRFIN20110118_012445_000000513098_00319_46454_8971.N1	18-JAN-2011 01:24:45	Dark	51.000	113	Mu Vel	2.6920	5000.0	102	46454	No
18	GOM_NL__2PRFIN20110118_012642_000000413098_00319_46454_8972.N1	18-JAN-2011 01:26:42	Dark	41.000	91	Kap Vel	2.4900	26000.	82	46454	No
19	GOM_NL__2PRFIN20110118_013025_000000443098_00319_46454_8973.N1	18-JAN-2011 01:30:25	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	46454	No
20	GOM_NL__2PRFIN20110118_013233_000000463098_00319_46454_8974.N1	18-JAN-2011 01:32:33	Dark	45.500	70	Zet Pup	2.2460	39000.	91	46454	No
21	GOM_NL__2PRFIN20110118_013615_000000443098_00319_46454_8975.N1	18-JAN-2011 01:36:15	Straylight	44.000	88	31Eta CMa	2.4480	20000.	88	46454	No
22	GOM_NL__2PRFIN20110118_014646_000000603098_00319_46454_8976.N1	18-JAN-2011 01:46:46	Twilight	59.500	8	10Alp CMi	0.40000	6500.0	119	46454	No
23	GOM_NL__2PRFIN20110118_014946_000000543098_00319_46454_8977.N1	18-JAN-2011 01:49:46	Bright	54.000	44	24Gam Gem	1.9280	11000.	108	46454	No
24	GOM_NL__2PRFIN20110118_015219_000000403098_00319_46454_8978.N1	18-JAN-2011 01:52:19	Bright	40.000	170	27Eps Gem	3.0000	9700.0	80	46454	No
25	GOM_NL__2PRFIN20110118_015406_000000473098_00319_46454_8979.N1	18-JAN-2011 01:54:06	Bright	46.500	17	78Bet Gem	1.1610	4500.0	93	46454	No
26	GOM_NL__2PRFIN20110118_021017_000000363098_00319_46454_8980.N1	18-JAN-2011 02:10:17	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	46454	No
27	GOM_NL__2PRFIN20110118_021410_000000413098_00319_46454_8981.N1	18-JAN-2011 02:14:10	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46454	No
28	GOM_NL__2PRFIN20110118_021833_000000393098_00319_46454_8982.N1	18-JAN-2011 02:18:33	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46454	No
29	GOM_NL__2PRFIN20110118_022730_000000553098_00319_46454_8983.N1	18-JAN-2011 02:27:30	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	46454	No
30	GOM_NL__2PRFIN20110118_022946_000000643098_00319_46454_8984.N1	18-JAN-2011 02:29:46	Bright	64.000	67	5Alp CrB	2.2210	11000.	128	46454	No
31	GOM_NL__2PRFIN20110118_024220_000000513098_00319_46454_8985.N1	18-JAN-2011 02:42:20	Twilight	51.000	104	27Bet Lib	2.6140	13100.	102	46454	No
32	GOM_NL__2PRFIN20110118_024403_000000483098_00319_46454_8986.N1	18-JAN-2011 02:44:03	Twilight	48.000	80	7Del Sco	2.3160	30000.	96	46454	No
33	GOM_NL__2PRFIN20110118_024544_000000533098_00319_46454_8987.N1	18-JAN-2011 02:45:44	Dark	53.000	122	9Alp2Lib	2.7470	9700.0	106	46454	No
34	GOM_NL__2PRFIN20110118_024931_000000403098_00319_46454_8988.N1	18-JAN-2011 02:49:31	Dark	40.000	131	Gam Lup	2.8000	26000.	80	46454	No
35	GOM_NL__2PRFIN20110118_025121_000000423098_00319_46454_8989.N1	18-JAN-2011 02:51:21	Dark	41.500	109	Bet Lup	2.6770	26000.	83	46454	No
36	GOM_NL__2PRFIN20110118_025254_000000503098_00319_46454_8990.N1	18-JAN-2011 02:52:54	Dark	50.000	54	5The Cen	2.0550	4500.0	100	46454	No
37	GOM_NL__2PRFIN20110118_025458_000000433098_00320_46455_8984.N1	18-JAN-2011 02:54:58	Dark	43.000	95	Zet Cen	2.5450	26000.	86	46455	No
38	GOM_NL__2PRFIN20110118_025622_000000423098_00320_46455_8985.N1	18-JAN-2011 02:56:22	Dark	41.500	77	Eps Cen	2.3030	28000.	83	46455	No
39	GOM_NL__2PRFIN20110118_025943_000000403098_00320_46455_8986.N1	18-JAN-2011 02:59:43	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	46455	No
40	GOM_NL__2PRFIN20110118_030500_000000473098_00320_46455_8987.N1	18-JAN-2011 03:05:00	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46455	No
41	GOM_NL__2PRFIN20110118_030656_000000393098_00320_46455_8988.N1	18-JAN-2011 03:06:56	Dark	39.000	91	Kap Vel	2.4900	26000.	78	46455	No
42	GOM_NL__2PRFIN20110118_031040_000000443098_00320_46455_8989.N1	18-JAN-2011 03:10:40	Dark	43.500	34	Gam2Vel	1.7930	23000.	87	46455	No

43	GOM_NL__2PRFIN20110118_031247_000000453098_00320_46455_8990.N1	18-JAN-2011 03:12:47	Dark	45.000	70	Zet Pup	2.2460	39000.	90	46455	No
44	GOM_NL__2PRFIN20110118_031630_000000423098_00320_46455_8991.N1	18-JAN-2011 03:16:30	Straylight	41.500	88	31Eta CMa	2.4480	20000.	83	46455	No
45	GOM_NL__2PRFIN20110118_032700_000000613098_00320_46455_8992.N1	18-JAN-2011 03:27:00	Tw_i_and_stray	61.000	8	10Alp CMi	0.40000	6500.0	122	46455	No
46	GOM_NL__2PRFIN20110118_033000_000000543098_00320_46455_8993.N1	18-JAN-2011 03:30:00	Bright	54.000	44	24Gam Gem	1.9280	11000.	108	46455	No
47	GOM_NL__2PRFIN20110118_033233_000000403098_00320_46455_8994.N1	18-JAN-2011 03:32:33	Bright	40.000	170	27Eps Gem	3.0000	9700.0	80	46455	No
48	GOM_NL__2PRFIN20110118_033420_000000483098_00320_46455_8995.N1	18-JAN-2011 03:34:20	Bright	47.500	17	78Bet Gem	1.1610	4500.0	95	46455	No
49	GOM_NL__2PRFIN20110118_035031_000000363098_00320_46455_8996.N1	18-JAN-2011 03:50:31	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	46455	No
50	GOM_NL__2PRFIN20110118_035424_000000413098_00320_46455_8997.N1	18-JAN-2011 03:54:24	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	46455	No
51	GOM_NL__2PRFIN20110118_035846_000000403098_00320_46455_8998.N1	18-JAN-2011 03:58:46	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46455	No
52	GOM_NL__2PRFIN20110118_040744_000000553098_00320_46455_8999.N1	18-JAN-2011 04:07:44	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	46455	No
53	GOM_NL__2PRFIN20110118_041000_000000663098_00320_46455_9000.N1	18-JAN-2011 04:10:00	Bright	66.000	67	5Alp CrB	2.2210	11000.	132	46455	No
54	GOM_NL__2PRFIN20110118_042235_000000493098_00320_46455_9001.N1	18-JAN-2011 04:22:35	Tw_i_and_stray	48.500	104	27Bet Lib	2.6140	13100.	97	46455	No
55	GOM_NL__2PRFIN20110118_042418_000000473098_00320_46455_9002.N1	18-JAN-2011 04:24:18	Tw_i_and_stray	46.500	80	7Del Sco	2.3160	30000.	93	46455	No
56	GOM_NL__2PRFIN20110118_042559_000000523098_00320_46455_9003.N1	18-JAN-2011 04:25:59	Dark	52.000	122	9Alp2Lib	2.7470	9700.0	104	46455	No
57	GOM_NL__2PRFIN20110118_042946_000000413098_00320_46455_9004.N1	18-JAN-2011 04:29:46	Dark	41.000	131	Gam Lup	2.8000	26000.	82	46455	No
58	GOM_NL__2PRFIN20110118_043135_000000413098_00320_46455_9005.N1	18-JAN-2011 04:31:35	Dark	41.000	109	Bet Lup	2.6770	26000.	82	46455	No
59	GOM_NL__2PRFIN20110118_043309_000000483098_00320_46455_9006.N1	18-JAN-2011 04:33:09	Dark	47.500	54	5The Cen	2.0550	4500.0	95	46455	No
60	GOM_NL__2PRFIN20110118_043513_000000443098_00321_46456_8998.N1	18-JAN-2011 04:35:13	Dark	43.500	95	Zet Cen	2.5450	26000.	87	46456	No
61	GOM_NL__2PRFIN20110118_043637_000000413098_00321_46456_8999.N1	18-JAN-2011 04:36:37	Dark	40.500	77	Eps Cen	2.3030	28000.	81	46456	No
62	GOM_NL__2PRFIN20110118_043957_000000403098_00321_46456_9000.N1	18-JAN-2011 04:39:57	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	46456	No
63	GOM_NL__2PRFIN20110118_044515_000000523098_00321_46456_9001.N1	18-JAN-2011 04:45:15	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	46456	No
64	GOM_NL__2PRFIN20110118_044711_000000413098_00321_46456_9002.N1	18-JAN-2011 04:47:11	Dark	41.000	91	Kap Vel	2.4900	26000.	82	46456	No
65	GOM_NL__2PRFIN20110118_045054_000000443098_00321_46456_9003.N1	18-JAN-2011 04:50:54	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	46456	No
66	GOM_NL__2PRFIN20110118_045302_000000453098_00321_46456_9004.N1	18-JAN-2011 04:53:02	Dark	44.500	70	Zet Pup	2.2460	39000.	89	46456	No
67	GOM_NL__2PRFIN20110118_045644_000000423098_00321_46456_9005.N1	18-JAN-2011 04:56:44	Straylight	42.000	88	31Eta CMa	2.4480	20000.	84	46456	No
68	GOM_NL__2PRFIN20110118_050714_000000543098_00321_46456_9006.N1	18-JAN-2011 05:07:14	Tw_i_and_stray	54.000	8	10Alp CMi	0.40000	6500.0	108	46456	No
69	GOM_NL__2PRFIN20110118_051014_000000463098_00321_46456_9007.N1	18-JAN-2011 05:10:14	Bright	46.000	44	24Gam Gem	1.9280	11000.	92	46456	No
70	GOM_NL__2PRFIN20110118_051247_000000393098_00321_46456_9008.N1	18-JAN-2011 05:12:47	Bright	39.000	170	27Eps Gem	3.0000	9700.0	78	46456	No
71	GOM_NL__2PRFIN20110118_051434_000000473098_00321_46456_9009.N1	18-JAN-2011 05:14:34	Bright	47.000	17	78Bet Gem	1.1610	4500.0	94	46456	No
72	GOM_NL__2PRFIN20110118_053044_000000373098_00321_46456_9010.N1	18-JAN-2011 05:30:44	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	46456	No
73	GOM_NL__2PRFIN20110118_053437_000000413098_00321_46456_9011.N1	18-JAN-2011 05:34:37	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46456	No
74	GOM_NL__2PRFIN20110118_053900_000000393098_00321_46456_9012.N1	18-JAN-2011 05:39:00	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46456	No
75	GOM_NL__2PRFIN20110118_054758_000000563098_00321_46456_9013.N1	18-JAN-2011 05:47:58	Bright	56.000	133	40Zet Her	2.8070	6000.0	112	46456	No
76	GOM_NL__2PRFIN20110118_055015_000000663098_00321_46456_9014.N1	18-JAN-2011 05:50:15	Bright	66.000	67	5Alp CrB	2.2210	11000.	132	46456	No
77	GOM_NL__2PRFIN20110118_055649_000000653098_00321_46456_9015.N1	18-JAN-2011 05:56:49	Bright	65.000	102	24Alp Ser	2.6000	4250.0	130	46456	No
78	GOM_NL__2PRFIN20110118_055854_000000583098_00321_46456_9016.N1	18-JAN-2011 05:58:54	Bright	58.000	120	1Del Oph	2.7340	3200.0	116	46456	No
79	GOM_NL__2PRFIN20110118_060249_000000543098_00321_46456_9017.N1	18-JAN-2011 06:02:49	Tw_i_and_stray	53.500	104	27Bet Lib	2.6140	13100.	107	46456	No
80	GOM_NL__2PRFIN20110118_060433_000000453098_00321_46456_9018.N1	18-JAN-2011 06:04:33	Tw_i_and_stray	45.000	80	7Del Sco	2.3160	30000.	90	46456	No
81	GOM_NL__2PRFIN20110118_060614_000000553098_00321_46456_9019.N1	18-JAN-2011 06:06:14	Dark	54.500	122	9Alp2Lib	2.7470	9700.0	109	46456	No
82	GOM_NL__2PRFIN20110118_061000_000000413098_00321_46456_9020.N1	18-JAN-2011 06:10:00	Dark	40.500	131	Gam Lup	2.8000	26000.	81	46456	No
83	GOM_NL__2PRFIN20110118_061150_000000433098_00321_46456_9021.N1	18-JAN-2011 06:11:50	Dark	42.500	109	Bet Lup	2.6770	26000.	85	46456	No
84	GOM_NL__2PRFIN20110118_061324_000000563098_00321_46456_9022.N1	18-JAN-2011 06:13:24	Dark	55.500	54	5The Cen	2.0550	4500.0	111	46456	No
85	GOM_NL__2PRFIN20110118_061528_000000453098_00322_46457_9007.N1	18-JAN-2011 06:15:28	Dark	44.500	95	Zet Cen	2.5450	26000.	89	46457	No
86	GOM_NL__2PRFIN20110118_061652_000000413098_00322_46457_9008.N1	18-JAN-2011 06:16:52	Dark	41.000	77	Eps Cen	2.3030	28000.	82	46457	No
87	GOM_NL__2PRFIN20110118_062012_000000413098_00322_46457_9009.N1	18-JAN-2011 06:20:12	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	46457	No
88	GOM_NL__2PRFIN20110118_062530_000000483098_00322_46457_9010.N1	18-JAN-2011 06:25:30	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	46457	No
89	GOM_NL__2PRFIN20110118_062725_000000413098_00322_46457_9011.N1	18-JAN-2011 06:27:25	Dark	40.500	91	Kap Vel	2.4900	26000.	81	46457	No
90	GOM_NL__2PRFIN20110118_063109_000000403098_00322_46457_9012.N1	18-JAN-2011 06:31:09	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	46457	No
91	GOM_NL__2PRFIN20110118_063316_000000403098_00322_46457_9013.N1	18-JAN-2011 06:33:16	Dark	40.000	70	Zet Pup	2.2460	39000.	80	46457	No
92	GOM_NL__2PRFIN20110118_063658_000000443098_00322_46457_9014.N1	18-JAN-2011 06:36:58	Straylight	43.500	88	31Eta CMa	2.4480	20000.	87	46457	No
93	GOM_NL__2PRFIN20110118_064728_000000513098_00322_46457_9015.N1	18-JAN-2011 06:47:28	Tw_i_and_stray	51.000	8	10Alp CMi	0.40000	6500.0	102	46457	No
94	GOM_NL__2PRFIN20110118_065028_000000523098_00322_46457_9016.N1	18-JAN-2011 06:50:28	Bright	51.500	44	24Gam Gem	1.9280	11000.	103	46457	No
95	GOM_NL__2PRFIN20110118_065301_000000393098_00322_46457_9017.N1	18-JAN-2011 06:53:01	Bright	39.000	170	27Eps Gem	3.0000	9700.0	78	46457	No
96	GOM_NL__2PRFIN20110118_065447_000000463098_00322_46457_9018.N1	18-JAN-2011 06:54:47	Bright	46.000	17	78Bet Gem	1.1610	4500.0	92	46457	No
97	GOM_NL__2PRFIN20110118_071058_000000373098_00322_46457_9019.N1	18-JAN-2011 07:10:58	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	46457	No
98	GOM_NL__2PRFIN20110118_071451_000000363098_00322_46457_9020.N1	18-JAN-2011 07:14:51	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	46457	No
99	GOM_NL__2PRFIN20110118_071915_000000393098_00322_46457_9021.N1	18-JAN-2011 07:19:15	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46457	No
100	GOM_NL__2PRFIN20110118_072813_000000563098_00322_46457_9022.N1	18-JAN-2011 07:28:13	Bright	56.000	133	40Zet Her	2.8070	6000.0	112	46457	No
101	GOM_NL__2PRFIN20110118_073029_000000663098_00322_46457_9023.N1	18-JAN-2011 07:30:29	Bright	66.000	67	5Alp CrB	2.2210	11000.	132	46457	No

102	GOM_NL__2PRFIN20110118_073704_000000653098_00322_46457_9024.N1	18-JAN-2011 07:37:04	Bright	65.000	102	24Alp Ser	2.6000	4250.0	130	46457	No
103	GOM_NL__2PRFIN20110118_073909_000000583098_00322_46457_9025.N1	18-JAN-2011 07:39:09	Bright	58.000	120	1Del Oph	2.7340	3200.0	116	46457	No
104	GOM_NL__2PRFIN20110118_074305_000000523098_00322_46457_9026.N1	18-JAN-2011 07:43:05	Tw_i_and_stray	51.500	104	27Bet Lib	2.6140	13100.	103	46457	No
105	GOM_NL__2PRFIN20110118_074447_000000473098_00322_46457_9027.N1	18-JAN-2011 07:44:47	Tw_i_and_stray	47.000	80	7Del Sco	2.3160	30000.	94	46457	No
106	GOM_NL__2PRFIN20110118_074629_000000523098_00322_46457_9028.N1	18-JAN-2011 07:46:29	Dark	52.000	122	9Alp2Lib	2.7470	9700.0	104	46457	No
107	GOM_NL__2PRFIN20110118_075015_000000403098_00322_46457_9029.N1	18-JAN-2011 07:50:15	Dark	39.500	131	Gam Lup	2.8000	26000.	79	46457	No
108	GOM_NL__2PRFIN20110118_075205_000000423098_00322_46457_9030.N1	18-JAN-2011 07:52:05	Dark	41.500	109	Bet Lup	2.6770	26000.	83	46457	No
109	GOM_NL__2PRFIN20110118_075339_000000563098_00322_46457_9031.N1	18-JAN-2011 07:53:39	Dark	55.500	54	5The Cen	2.0550	4500.0	111	46457	No
110	GOM_NL__2PRFIN20110118_075543_000000463098_00323_46458_9033.N1	18-JAN-2011 07:55:43	Dark	45.500	95	Zet Cen	2.5450	26000.	91	46458	No
111	GOM_NL__2PRFIN20110118_075707_000000433098_00323_46458_9034.N1	18-JAN-2011 07:57:07	Dark	42.500	77	Eps Cen	2.3030	28000.	85	46458	No
112	GOM_NL__2PRFIN20110118_080026_000000513098_00323_46458_9035.N1	18-JAN-2011 08:00:26	Dark	51.000	12	Alp1Cru	0.77500	30000.	102	46458	No
113	GOM_NL__2PRFIN20110118_080545_000000463098_00323_46458_9036.N1	18-JAN-2011 08:05:45	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	46458	No
114	GOM_NL__2PRFIN20110118_080740_000000403098_00323_46458_9037.N1	18-JAN-2011 08:07:40	Dark	39.500	91	Kap Vel	2.4900	26000.	79	46458	No
115	GOM_NL__2PRFIN20110118_081123_000000433098_00323_46458_9038.N1	18-JAN-2011 08:11:23	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	46458	No
116	GOM_NL__2PRFIN20110118_081330_000000443098_00323_46458_9039.N1	18-JAN-2011 08:13:30	Dark	43.500	70	Zet Pup	2.2460	39000.	87	46458	No
117	GOM_NL__2PRFIN20110118_081712_000000423098_00323_46458_9040.N1	18-JAN-2011 08:17:12	Straylight	41.500	88	31Eta CMa	2.4480	20000.	83	46458	No
118	GOM_NL__2PRFIN20110118_082742_000000603098_00323_46458_9148.N1	18-JAN-2011 08:27:42	Tw_i_and_stray	60.000	8	10Alp CMi	0.40000	6500.0	120	46458	No
119	GOM_NL__2PRFIN20110118_083042_000000423098_00323_46458_9149.N1	18-JAN-2011 08:30:42	Bright	41.500	44	24Gam Gem	1.9280	11000.	83	46458	No
120	GOM_NL__2PRFIN20110118_083315_000000393098_00323_46458_9150.N1	18-JAN-2011 08:33:15	Bright	39.000	170	27Eps Gem	3.0000	9700.0	78	46458	No
121	GOM_NL__2PRFIN20110118_083501_000000463098_00323_46458_9151.N1	18-JAN-2011 08:35:01	Bright	46.000	17	78Bet Gem	1.1610	4500.0	92	46458	No
122	GOM_NL__2PRFIN20110118_085111_000000383098_00323_46458_9152.N1	18-JAN-2011 08:51:11	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	46458	No
123	GOM_NL__2PRFIN20110118_085505_000000403098_00323_46458_9153.N1	18-JAN-2011 08:55:05	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46458	No
124	GOM_NL__2PRFIN20110118_085929_000000553098_00323_46458_9154.N1	18-JAN-2011 08:59:29	Bright	55.000	119	14Eta Dra	2.7270	4700.0	110	46458	No
125	GOM_NL__2PRFIN20110118_090827_000000563098_00323_46458_9155.N1	18-JAN-2011 09:08:27	Bright	56.000	133	40Zet Her	2.8070	6000.0	112	46458	No
126	GOM_NL__2PRFIN20110118_091043_000000663098_00323_46458_9156.N1	18-JAN-2011 09:10:43	Bright	66.000	67	5Alp CrB	2.2210	11000.	132	46458	No
127	GOM_NL__2PRFIN20110118_091718_000000653098_00323_46458_9157.N1	18-JAN-2011 09:17:18	Bright	65.000	102	24Alp Ser	2.6000	4250.0	130	46458	No
128	GOM_NL__2PRFIN20110118_091923_000000583098_00323_46458_9158.N1	18-JAN-2011 09:19:23	Bright	58.000	120	1Del Oph	2.7340	3200.0	116	46458	No
129	GOM_NL__2PRFIN20110118_092320_000000503098_00323_46458_9159.N1	18-JAN-2011 09:23:20	Tw_i_and_stray	49.500	104	27Bet Lib	2.6140	13100.	99	46458	No
130	GOM_NL__2PRFIN20110118_092502_000000493098_00323_46458_9160.N1	18-JAN-2011 09:25:02	Tw_i_and_stray	49.000	80	7Del Sco	2.3160	30000.	98	46458	No
131	GOM_NL__2PRFIN20110118_092644_000000533098_00323_46458_9161.N1	18-JAN-2011 09:26:44	Dark	52.500	122	9Alp2Lib	2.7470	9700.0	105	46458	No
132	GOM_NL__2PRFIN20110118_093029_000000413098_00323_46458_9162.N1	18-JAN-2011 09:30:29	Dark	40.500	131	Gam Lup	2.8000	26000.	81	46458	No
133	GOM_NL__2PRFIN20110118_093219_000000443098_00323_46458_9163.N1	18-JAN-2011 09:32:19	Dark	43.500	109	Bet Lup	2.6770	26000.	87	46458	No
134	GOM_NL__2PRFIN20110118_093354_000000503098_00323_46458_9164.N1	18-JAN-2011 09:33:54	Dark	50.000	54	5The Cen	2.0550	4500.0	100	46458	No
135	GOM_NL__2PRFIN20110118_111612_000000433098_00325_46460_9210.N1	18-JAN-2011 11:16:12	Dark	43.000	95	Zet Cen	2.5450	26000.	86	46460	No
136	GOM_NL__2PRFIN20110118_111736_000000423098_00325_46460_9211.N1	18-JAN-2011 11:17:36	Dark	41.500	77	Eps Cen	2.3030	28000.	83	46460	No
137	GOM_NL__2PRFIN20110118_112056_000000413098_00325_46460_9212.N1	18-JAN-2011 11:20:56	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	46460	No
138	GOM_NL__2PRFIN20110118_112614_000000473098_00325_46460_9213.N1	18-JAN-2011 11:26:14	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46460	No
139	GOM_NL__2PRFIN20110118_112809_000000413098_00325_46460_9214.N1	18-JAN-2011 11:28:09	Dark	40.500	91	Kap Vel	2.4900	26000.	81	46460	No
140	GOM_NL__2PRFIN20110118_113127_000000513098_00325_46460_9215.N1	18-JAN-2011 11:31:27	Dark	50.500	65	Lam Vel	2.2040	4400.0	101	46460	No
141	GOM_NL__2PRFIN20110118_113359_000000453098_00325_46460_9216.N1	18-JAN-2011 11:33:59	Dark	44.500	70	Zet Pup	2.2460	39000.	89	46460	No
142	GOM_NL__2PRFIN20110118_113741_000000413098_00325_46460_9217.N1	18-JAN-2011 11:37:41	Straylight	41.000	88	31Eta CMa	2.4480	20000.	82	46460	No
143	GOM_NL__2PRFIN20110118_114809_000000553098_00325_46460_9218.N1	18-JAN-2011 11:48:09	Tw_i_and_stray	54.500	8	10Alp CMi	0.40000	6500.0	109	46460	No
144	GOM_NL__2PRFIN20110118_115110_000000533098_00325_46460_9219.N1	18-JAN-2011 11:51:10	Bright	53.000	44	24Gam Gem	1.9280	11000.	106	46460	No
145	GOM_NL__2PRFIN20110118_115342_000000413098_00325_46460_9220.N1	18-JAN-2011 11:53:42	Bright	40.500	170	27Eps Gem	3.0000	9700.0	81	46460	No
146	GOM_NL__2PRFIN20110118_115528_000000483098_00325_46460_9221.N1	18-JAN-2011 11:55:28	Bright	47.500	17	78Bet Gem	1.1610	4500.0	95	46460	No
147	GOM_NL__2PRFIN20110118_121137_000000393098_00325_46460_9222.N1	18-JAN-2011 12:11:37	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	46460	No
148	GOM_NL__2PRFIN20110118_121533_000000403098_00325_46460_9223.N1	18-JAN-2011 12:15:33	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46460	No
149	GOM_NL__2PRFIN20110118_121956_000000363098_00325_46460_9224.N1	18-JAN-2011 12:19:56	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	46460	No
150	GOM_NL__2PRFIN20110118_122855_000000563098_00325_46460_9225.N1	18-JAN-2011 12:28:55	Bright	56.000	133	40Zet Her	2.8070	6000.0	112	46460	No
151	GOM_NL__2PRFIN20110118_123112_000000443098_00325_46460_9226.N1	18-JAN-2011 12:31:12	Bright	43.500	67	5Alp CrB	2.2210	11000.	87	46460	No
152	GOM_NL__2PRFIN20110118_123747_000000483098_00325_46460_9227.N1	18-JAN-2011 12:37:47	Bright	47.500	102	24Alp Ser	2.6000	4250.0	95	46460	No
153	GOM_NL__2PRFIN20110118_123952_000000583098_00325_46460_9228.N1	18-JAN-2011 12:39:52	Bright	58.000	120	1Del Oph	2.7340	3200.0	116	46460	No
154	GOM_NL__2PRFIN20110118_124349_000000513098_00325_46460_9229.N1	18-JAN-2011 12:43:49	Tw_i_and_stray	50.500	104	27Bet Lib	2.6140	13100.	101	46460	No
155	GOM_NL__2PRFIN20110118_124531_000000483098_00325_46460_9230.N1	18-JAN-2011 12:45:31	Tw_i_and_stray	47.500	80	7Del Sco	2.3160	30000.	95	46460	No
156	GOM_NL__2PRFIN20110118_124715_000000523098_00325_46460_9231.N1	18-JAN-2011 12:47:15	Dark	52.000	122	9Alp2Lib	2.7470	9700.0	104	46460	No
157	GOM_NL__2PRFIN20110118_125058_000000423098_00325_46460_9232.N1	18-JAN-2011 12:50:58	Dark	41.500	131	Gam Lup	2.8000	26000.	83	46460	No
158	GOM_NL__2PRFIN20110118_125249_000000423098_00325_46460_9233.N1	18-JAN-2011 12:52:49	Dark	41.500	109	Bet Lup	2.6770	26000.	83	46460	No
159	GOM_NL__2PRFIN20110118_125424_000000513098_00325_46460_9234.N1	18-JAN-2011 12:54:24	Dark	51.000	54	5The Cen	2.0550	4500.0	102	46460	No
160	GOM_NL__2PRFIN20110118_125627_000000453098_00326_46461_9280.N1	18-JAN-2011 12:56:27	Dark	45.000	95	Zet Cen	2.5450	26000.	90	46461	No

161	GOM_NL__2PRFIN20110118_125751_000000423098_00326_46461_9281.N1	18-JAN-2011 12:57:51	Dark	42.000	77	Eps Cen	2.3030	28000.	84	46461	No
162	GOM_NL__2PRFIN20110118_130110_000000423098_00326_46461_9282.N1	18-JAN-2011 13:01:10	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	46461	No
163	GOM_NL__2PRFIN20110118_130629_000000543098_00326_46461_9283.N1	18-JAN-2011 13:06:29	Dark	53.500	113	Mu Vel	2.6920	5000.0	107	46461	No
164	GOM_NL__2PRFIN20110118_130823_000000393098_00326_46461_9284.N1	18-JAN-2011 13:08:23	Dark	39.000	91	Kap Vel	2.4900	26000.	78	46461	No
165	GOM_NL__2PRFIN20110118_131141_000000523098_00326_46461_9285.N1	18-JAN-2011 13:11:41	Dark	52.000	65	Lam Vel	2.2040	4400.0	104	46461	No
166	GOM_NL__2PRFIN20110118_131413_000000463098_00326_46461_9286.N1	18-JAN-2011 13:14:13	Dark	46.000	70	Zet Pup	2.2460	39000.	92	46461	No
167	GOM_NL__2PRFIN20110118_131755_000000403098_00326_46461_9287.N1	18-JAN-2011 13:17:55	Straylight	40.000	88	31Eta CMa	2.4480	20000.	80	46461	No
168	GOM_NL__2PRFIN20110118_132823_000000563098_00326_46461_9288.N1	18-JAN-2011 13:28:23	Twi_and_stray	55.500	8	10Alp CMi	0.40000	6500.0	111	46461	No
169	GOM_NL__2PRFIN20110118_133124_000000493098_00326_46461_9289.N1	18-JAN-2011 13:31:24	Bright	48.500	44	24Gam Gem	1.9280	11000.	97	46461	No
170	GOM_NL__2PRFIN20110118_133356_000000393098_00326_46461_9290.N1	18-JAN-2011 13:33:56	Bright	39.000	170	27Eps Gem	3.0000	9700.0	78	46461	No
171	GOM_NL__2PRFIN20110118_133542_000000473098_00326_46461_9291.N1	18-JAN-2011 13:35:42	Bright	46.500	17	78Bet Gem	1.1610	4500.0	93	46461	No
172	GOM_NL__2PRFIN20110118_135151_000000393098_00326_46461_9292.N1	18-JAN-2011 13:51:51	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	46461	No
173	GOM_NL__2PRFIN20110118_135547_000000383098_00326_46461_9293.N1	18-JAN-2011 13:55:47	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	46461	No
174	GOM_NL__2PRFIN20110118_140010_000000383098_00326_46461_9294.N1	18-JAN-2011 14:00:10	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	46461	No
175	GOM_NL__2PRFIN20110118_140909_000000563098_00326_46461_9295.N1	18-JAN-2011 14:09:09	Bright	56.000	133	40Zet Her	2.8070	6000.0	112	46461	No
176	GOM_NL__2PRFIN20110118_141126_000000663098_00326_46461_9296.N1	18-JAN-2011 14:11:26	Bright	66.000	67	5Alp CrB	2.2210	11000.	132	46461	No
177	GOM_NL__2PRFIN20110118_141802_000000463098_00326_46461_9297.N1	18-JAN-2011 14:18:02	Bright	46.000	102	24Alp Ser	2.6000	4250.0	92	46461	No
178	GOM_NL__2PRFIN20110118_142006_000000553098_00326_46461_9298.N1	18-JAN-2011 14:20:06	Bright	54.500	120	1Del Oph	2.7340	3200.0	109	46461	No
179	GOM_NL__2PRFIN20110118_142404_000000533098_00326_46461_9299.N1	18-JAN-2011 14:24:04	Twi_and_stray	53.000	104	27Bet Lib	2.6140	13100.	106	46461	No
180	GOM_NL__2PRFIN20110118_142545_000000473098_00326_46461_9300.N1	18-JAN-2011 14:25:45	Twi_and_stray	46.500	80	7Del Sco	2.3160	30000.	93	46461	No
181	GOM_NL__2PRFIN20110118_142730_000000553098_00326_46461_9301.N1	18-JAN-2011 14:27:30	Dark	55.000	122	9Alp2Lib	2.7470	9700.0	110	46461	No
182	GOM_NL__2PRFIN20110118_143113_000000403098_00326_46461_9302.N1	18-JAN-2011 14:31:13	Dark	39.500	131	Gam Lup	2.8000	26000.	79	46461	No
183	GOM_NL__2PRFIN20110118_143304_000000423098_00326_46461_9303.N1	18-JAN-2011 14:33:04	Dark	41.500	109	Bet Lup	2.6770	26000.	83	46461	No
184	GOM_NL__2PRFIN20110118_143439_000000523098_00326_46461_9304.N1	18-JAN-2011 14:34:39	Dark	51.500	54	5The Cen	2.0550	4500.0	103	46461	No
185	GOM_NL__2PRFIN20110118_143642_000000443098_00327_46462_9284.N1	18-JAN-2011 14:36:42	Dark	43.500	95	Zet Cen	2.5450	26000.	87	46462	No
186	GOM_NL__2PRFIN20110118_143806_000000433098_00327_46462_9285.N1	18-JAN-2011 14:38:06	Dark	42.500	77	Eps Cen	2.3030	28000.	85	46462	No
187	GOM_NL__2PRFIN20110118_144125_000000433098_00327_46462_9286.N1	18-JAN-2011 14:41:25	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	46462	No
188	GOM_NL__2PRFIN20110118_144644_000000463098_00327_46462_9287.N1	18-JAN-2011 14:46:44	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	46462	No
189	GOM_NL__2PRFIN20110118_144838_000000403098_00327_46462_9288.N1	18-JAN-2011 14:48:38	Dark	39.500	91	Kap Vel	2.4900	26000.	79	46462	No
190	GOM_NL__2PRFIN20110118_145156_000000513098_00327_46462_9289.N1	18-JAN-2011 14:51:56	Dark	50.500	65	Lam Vel	2.2040	4400.0	101	46462	No
191	GOM_NL__2PRFIN20110118_145428_000000453098_00327_46462_9290.N1	18-JAN-2011 14:54:28	Dark	45.000	70	Zet Pup	2.2460	39000.	90	46462	No
192	GOM_NL__2PRFIN20110118_145809_000000413098_00327_46462_9291.N1	18-JAN-2011 14:58:09	Straylight	41.000	88	31Eta CMa	2.4480	20000.	82	46462	No
193	GOM_NL__2PRFIN20110118_150837_000000553098_00327_46462_9292.N1	18-JAN-2011 15:08:37	Twi_and_stray	55.000	8	10Alp CMi	0.40000	6500.0	110	46462	No
194	GOM_NL__2PRFIN20110118_151138_000000523098_00327_46462_9293.N1	18-JAN-2011 15:11:38	Bright	51.500	44	24Gam Gem	1.9280	11000.	103	46462	No
195	GOM_NL__2PRFIN20110118_151410_000000403098_00327_46462_9294.N1	18-JAN-2011 15:14:10	Bright	40.000	170	27Eps Gem	3.0000	9700.0	80	46462	No
196	GOM_NL__2PRFIN20110118_151555_000000473098_00327_46462_9295.N1	18-JAN-2011 15:15:55	Bright	47.000	17	78Bet Gem	1.1610	4500.0	94	46462	No
197	GOM_NL__2PRFIN20110118_153204_000000403098_00327_46462_9296.N1	18-JAN-2011 15:32:04	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	46462	No
198	GOM_NL__2PRFIN20110118_153600_000000393098_00327_46462_9297.N1	18-JAN-2011 15:36:00	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46462	No
199	GOM_NL__2PRFIN20110118_154024_000000393098_00327_46462_9298.N1	18-JAN-2011 15:40:24	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46462	No
200	GOM_NL__2PRFIN20110118_154924_000000563098_00327_46462_9299.N1	18-JAN-2011 15:49:24	Bright	56.000	133	40Zet Her	2.8070	6000.0	112	46462	No
201	GOM_NL__2PRFIN20110118_155140_000000673098_00327_46462_9300.N1	18-JAN-2011 15:51:40	Bright	67.000	67	5Alp CrB	2.2210	11000.	134	46462	No
202	GOM_NL__2PRFIN20110118_155817_000000493098_00327_46462_9301.N1	18-JAN-2011 15:58:17	Bright	48.500	102	24Alp Ser	2.6000	4250.0	97	46462	No
203	GOM_NL__2PRFIN20110118_160021_000000583098_00327_46462_9302.N1	18-JAN-2011 16:00:21	Bright	58.000	120	1Del Oph	2.7340	3200.0	116	46462	No
204	GOM_NL__2PRFIN20110118_160419_000000533098_00327_46462_9303.N1	18-JAN-2011 16:04:19	Twi_and_stray	53.000	104	27Bet Lib	2.6140	13100.	106	46462	No
205	GOM_NL__2PRFIN20110118_160600_000000493098_00327_46462_9304.N1	18-JAN-2011 16:06:00	Twi_and_stray	48.500	80	7Del Sco	2.3160	30000.	97	46462	No
206	GOM_NL__2PRFIN20110118_160745_000000553098_00327_46462_9305.N1	18-JAN-2011 16:07:45	Dark	55.000	122	9Alp2Lib	2.7470	9700.0	110	46462	No
207	GOM_NL__2PRFIN20110118_161128_000000413098_00327_46462_9306.N1	18-JAN-2011 16:11:28	Dark	40.500	131	Gam Lup	2.8000	26000.	81	46462	No
208	GOM_NL__2PRFIN20110118_161319_000000423098_00327_46462_9307.N1	18-JAN-2011 16:13:19	Dark	41.500	109	Bet Lup	2.6770	26000.	83	46462	No
209	GOM_NL__2PRFIN20110118_161454_000000623098_00327_46462_9308.N1	18-JAN-2011 16:14:54	Dark	61.500	54	5The Cen	2.0550	4500.0	123	46462	No
210	GOM_NL__2PRFIN20110118_161657_000000453098_00328_46463_9319.N1	18-JAN-2011 16:16:57	Dark	45.000	95	Zet Cen	2.5450	26000.	90	46463	No
211	GOM_NL__2PRFIN20110118_161821_000000423098_00328_46463_9320.N1	18-JAN-2011 16:18:21	Dark	42.000	77	Eps Cen	2.3030	28000.	84	46463	No
212	GOM_NL__2PRFIN20110118_162139_000000453098_00328_46463_9321.N1	18-JAN-2011 16:21:39	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	46463	No
213	GOM_NL__2PRFIN20110118_162658_000000463098_00328_46463_9322.N1	18-JAN-2011 16:26:58	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	46463	No
214	GOM_NL__2PRFIN20110118_162852_000000413098_00328_46463_9323.N1	18-JAN-2011 16:28:52	Dark	40.500	91	Kap Vel	2.4900	26000.	81	46463	No
215	GOM_NL__2PRFIN20110118_163210_000000513098_00328_46463_9324.N1	18-JAN-2011 16:32:10	Dark	51.000	65	Lam Vel	2.2040	4400.0	102	46463	No
216	GOM_NL__2PRFIN20110118_163442_000000433098_00328_46463_9325.N1	18-JAN-2011 16:34:42	Dark	42.500	70	Zet Pup	2.2460	39000.	85	46463	No
217	GOM_NL__2PRFIN20110118_163823_000000453098_00328_46463_9326.N1	18-JAN-2011 16:38:23	Straylight	45.000	88	31Eta CMa	2.4480	20000.	90	46463	No
218	GOM_NL__2PRFIN20110118_164851_000000523098_00328_46463_9327.N1	18-JAN-2011 16:48:51	Twi_and_stray	51.500	8	10Alp CMi	0.40000	6500.0	103	46463	No
219	GOM_NL__2PRFIN20110118_165152_000000483098_00328_46463_9328.N1	18-JAN-2011 16:51:52	Bright	47.500	44	24Gam Gem	1.9280	11000.	95	46463	No

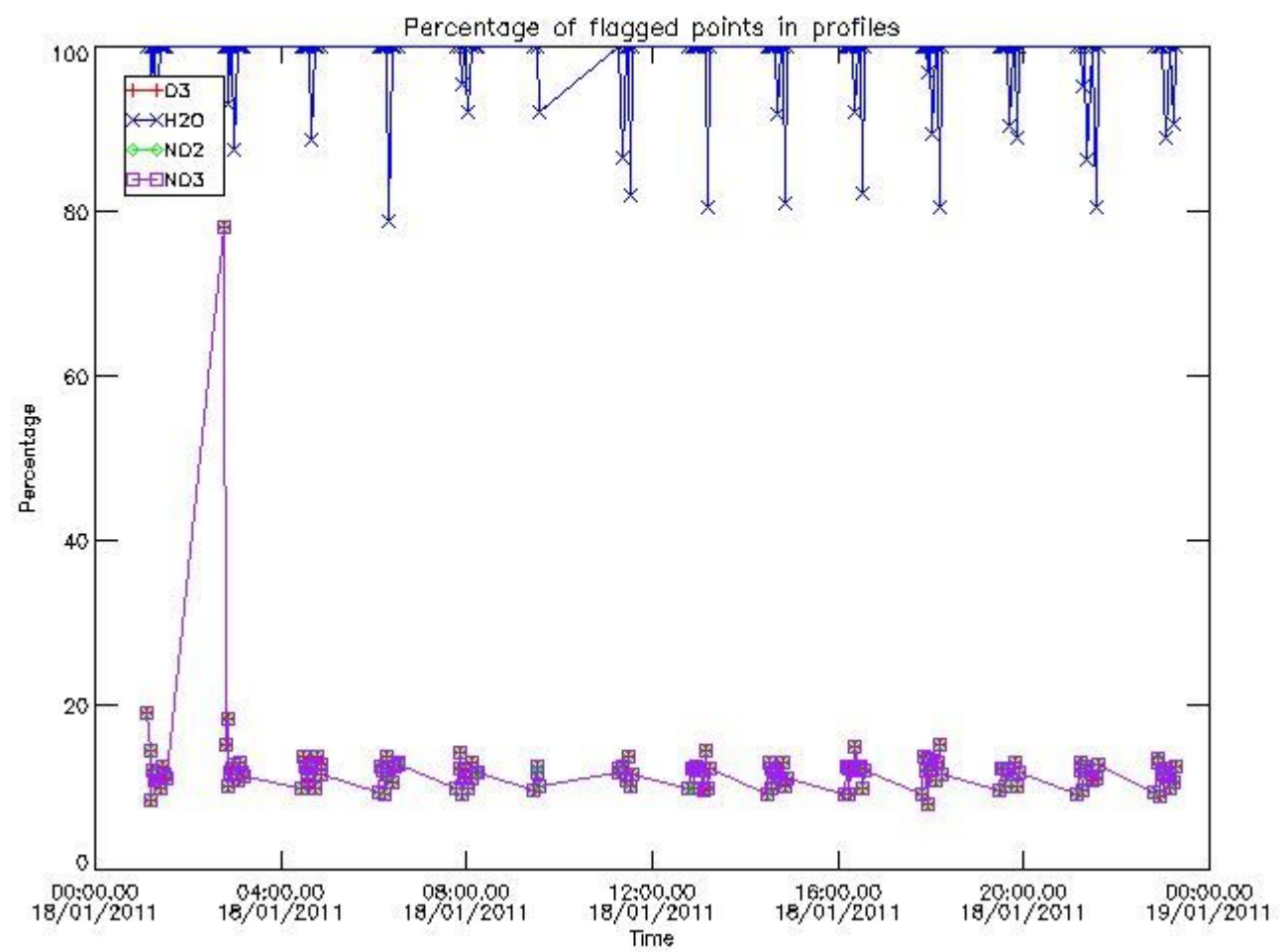
220	GOM_NL__2PRFIN20110118_165424_000000403098_00328_46463_9329.N1	18-JAN-2011 16:54:24	Bright	40.000	170	27Eps Gem	3.0000	9700.0	80	46463	No
221	GOM_NL__2PRFIN20110118_165609_000000473098_00328_46463_9330.N1	18-JAN-2011 16:56:09	Bright	46.500	17	78Bet Gem	1.1610	4500.0	93	46463	No
222	GOM_NL__2PRFIN20110118_171217_000000403098_00328_46463_9331.N1	18-JAN-2011 17:12:17	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	46463	No
223	GOM_NL__2PRFIN20110118_171614_000000413098_00328_46463_9332.N1	18-JAN-2011 17:16:14	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	46463	No
224	GOM_NL__2PRFIN20110118_172038_000000393098_00328_46463_9333.N1	18-JAN-2011 17:20:38	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	46463	No
225	GOM_NL__2PRFIN20110118_172938_000000533098_00328_46463_9334.N1	18-JAN-2011 17:29:38	Bright	52.500	133	40Zet Her	2.8070	6000.0	105	46463	No
226	GOM_NL__2PRFIN20110118_173155_000000673098_00328_46463_9335.N1	18-JAN-2011 17:31:55	Bright	67.000	67	5Alp CrB	2.2210	11000.	134	46463	No
227	GOM_NL__2PRFIN20110118_173831_000000653098_00328_46463_9336.N1	18-JAN-2011 17:38:31	Bright	65.000	102	24Alp Ser	2.6000	4250.0	130	46463	No
228	GOM_NL__2PRFIN20110118_174036_000000583098_00328_46463_9337.N1	18-JAN-2011 17:40:36	Bright	58.000	120	1Del Oph	2.7340	3200.0	116	46463	No
229	GOM_NL__2PRFIN20110118_174434_000000533098_00328_46463_9338.N1	18-JAN-2011 17:44:34	Twi_and_stray	52.500	104	27Bet Lib	2.6140	13100.	105	46463	No
230	GOM_NL__2PRFIN20110118_174615_000000483098_00328_46463_9339.N1	18-JAN-2011 17:46:15	Twi_and_stray	47.500	80	7Del Sco	2.3160	30000.	95	46463	No
231	GOM_NL__2PRFIN20110118_174800_000000553098_00328_46463_9340.N1	18-JAN-2011 17:48:00	Dark	55.000	122	9Alp2Lib	2.7470	9700.0	110	46463	No
232	GOM_NL__2PRFIN20110118_175142_000000413098_00328_46463_9341.N1	18-JAN-2011 17:51:42	Dark	40.500	131	Gam Lup	2.8000	26000.	81	46463	No
233	GOM_NL__2PRFIN20110118_175333_000000423098_00328_46463_9342.N1	18-JAN-2011 17:53:33	Dark	42.000	109	Bet Lup	2.6770	26000.	84	46463	No
234	GOM_NL__2PRFIN20110118_175510_000000643098_00328_46463_9343.N1	18-JAN-2011 17:55:10	Dark	63.500	54	5The Cen	2.0550	4500.0	127	46463	No
235	GOM_NL__2PRFIN20110118_175712_000000423098_00329_46464_9344.N1	18-JAN-2011 17:57:12	Dark	41.500	95	Zet Cen	2.5450	26000.	83	46464	No
236	GOM_NL__2PRFIN20110118_175835_000000433098_00329_46464_9345.N1	18-JAN-2011 17:58:35	Dark	42.500	77	Eps Cen	2.3030	28000.	85	46464	No
237	GOM_NL__2PRFIN20110118_180154_000000433098_00329_46464_9346.N1	18-JAN-2011 18:01:54	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	46464	No
238	GOM_NL__2PRFIN20110118_180713_000000483098_00329_46464_9347.N1	18-JAN-2011 18:07:13	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	46464	No
239	GOM_NL__2PRFIN20110118_180907_000000393098_00329_46464_9348.N1	18-JAN-2011 18:09:07	Dark	39.000	91	Kap Vel	2.4900	26000.	78	46464	No
240	GOM_NL__2PRFIN20110118_181225_000000573098_00329_46464_9349.N1	18-JAN-2011 18:12:25	Dark	57.000	65	Lam Vel	2.2040	4400.0	114	46464	No
241	GOM_NL__2PRFIN20110118_181456_000000453098_00329_46464_9350.N1	18-JAN-2011 18:14:56	Dark	44.500	70	Zet Pup	2.2460	39000.	89	46464	No
242	GOM_NL__2PRFIN20110118_181838_000000443098_00329_46464_9351.N1	18-JAN-2011 18:18:38	Straylight	43.500	88	31Eta CMa	2.4480	20000.	87	46464	No
243	GOM_NL__2PRFIN20110118_182904_000000563098_00329_46464_9352.N1	18-JAN-2011 18:29:04	Twi_and_stray	56.000	8	10Alp CMi	0.40000	6500.0	112	46464	No
244	GOM_NL__2PRFIN20110118_183206_000000533098_00329_46464_9353.N1	18-JAN-2011 18:32:06	Bright	53.000	44	24Gam Gem	1.9280	11000.	106	46464	No
245	GOM_NL__2PRFIN20110118_183438_000000413098_00329_46464_9354.N1	18-JAN-2011 18:34:38	Bright	40.500	170	27Eps Gem	3.0000	9700.0	81	46464	No
246	GOM_NL__2PRFIN20110118_183623_000000463098_00329_46464_9355.N1	18-JAN-2011 18:36:23	Bright	46.000	17	78Bet Gem	1.1610	4500.0	92	46464	No
247	GOM_NL__2PRFIN20110118_185230_000000413098_00329_46464_9356.N1	18-JAN-2011 18:52:30	Bright	41.000	36	50Alp UMa	1.8000	6300.0	82	46464	No
248	GOM_NL__2PRFIN20110118_185628_000000403098_00329_46464_9357.N1	18-JAN-2011 18:56:28	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	46464	No
249	GOM_NL__2PRFIN20110118_190052_000000393098_00329_46464_9358.N1	18-JAN-2011 19:00:52	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	46464	No
250	GOM_NL__2PRFIN20110118_190952_000000513098_00329_46464_9359.N1	18-JAN-2011 19:09:52	Bright	50.500	133	40Zet Her	2.8070	6000.0	101	46464	No
251	GOM_NL__2PRFIN20110118_191209_000000673098_00329_46464_9360.N1	18-JAN-2011 19:12:09	Bright	67.000	67	5Alp CrB	2.2210	11000.	134	46464	No
252	GOM_NL__2PRFIN20110118_191846_000000653098_00329_46464_9361.N1	18-JAN-2011 19:18:46	Bright	65.000	102	24Alp Ser	2.6000	4250.0	130	46464	No
253	GOM_NL__2PRFIN20110118_192050_000000583098_00329_46464_9362.N1	18-JAN-2011 19:20:50	Bright	58.000	120	1Del Oph	2.7340	3200.0	116	46464	No
254	GOM_NL__2PRFIN20110118_192449_000000523098_00329_46464_9363.N1	18-JAN-2011 19:24:49	Twi_and_stray	52.000	104	27Bet Lib	2.6140	13100.	104	46464	No
255	GOM_NL__2PRFIN20110118_192629_000000463098_00329_46464_9364.N1	18-JAN-2011 19:26:29	Twi_and_stray	45.500	80	7Del Sco	2.3160	30000.	91	46464	No
256	GOM_NL__2PRFIN20110118_192815_000000543098_00329_46464_9365.N1	18-JAN-2011 19:28:15	Dark	53.500	122	9Alp2Lib	2.7470	9700.0	107	46464	No
257	GOM_NL__2PRFIN20110118_193157_000000423098_00329_46464_9366.N1	18-JAN-2011 19:31:57	Dark	41.500	131	Gam Lup	2.8000	26000.	83	46464	No
258	GOM_NL__2PRFIN20110118_193348_000000423098_00329_46464_9367.N1	18-JAN-2011 19:33:48	Dark	41.500	109	Bet Lup	2.6770	26000.	83	46464	No
259	GOM_NL__2PRFIN20110118_193525_000000513098_00329_46464_9368.N1	18-JAN-2011 19:35:25	Dark	50.500	54	5The Cen	2.0550	4500.0	101	46464	No
260	GOM_NL__2PRFIN20110118_193727_000000443098_00330_46465_9356.N1	18-JAN-2011 19:37:27	Dark	44.000	95	Zet Cen	2.5450	26000.	88	46465	No
261	GOM_NL__2PRFIN20110118_193850_000000433098_00330_46465_9357.N1	18-JAN-2011 19:38:50	Dark	42.500	77	Eps Cen	2.3030	28000.	85	46465	No
262	GOM_NL__2PRFIN20110118_194208_000000423098_00330_46465_9358.N1	18-JAN-2011 19:42:08	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	46465	No
263	GOM_NL__2PRFIN20110118_194728_000000443098_00330_46465_9359.N1	18-JAN-2011 19:47:28	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	46465	No
264	GOM_NL__2PRFIN20110118_194921_000000393098_00330_46465_9360.N1	18-JAN-2011 19:49:21	Dark	39.000	91	Kap Vel	2.4900	26000.	78	46465	No
265	GOM_NL__2PRFIN20110118_195239_000000503098_00330_46465_9361.N1	18-JAN-2011 19:52:39	Dark	50.000	65	Lam Vel	2.2040	4400.0	100	46465	No
266	GOM_NL__2PRFIN20110118_195511_000000443098_00330_46465_9362.N1	18-JAN-2011 19:55:11	Dark	43.500	70	Zet Pup	2.2460	39000.	87	46465	No
267	GOM_NL__2PRFIN20110118_195852_000000403098_00330_46465_9363.N1	18-JAN-2011 19:58:52	Straylight	40.000	88	31Eta CMa	2.4480	20000.	80	46465	No
268	GOM_NL__2PRFIN20110118_200918_000000553098_00330_46465_9364.N1	18-JAN-2011 20:09:18	Twi_and_stray	54.500	8	10Alp CMi	0.40000	6500.0	109	46465	No
269	GOM_NL__2PRFIN20110118_201220_000000533098_00330_46465_9365.N1	18-JAN-2011 20:12:20	Bright	53.000	44	24Gam Gem	1.9280	11000.	106	46465	No
270	GOM_NL__2PRFIN20110118_201452_000000393098_00330_46465_9366.N1	18-JAN-2011 20:14:52	Bright	39.000	170	27Eps Gem	3.0000	9700.0	78	46465	No
271	GOM_NL__2PRFIN20110118_201636_000000463098_00330_46465_9367.N1	18-JAN-2011 20:16:36	Bright	46.000	17	78Bet Gem	1.1610	4500.0	92	46465	No
272	GOM_NL__2PRFIN20110118_203244_000000413098_00330_46465_9368.N1	18-JAN-2011 20:32:44	Bright	41.000	36	50Alp UMa	1.8000	6300.0	82	46465	No
273	GOM_NL__2PRFIN20110118_203642_000000373098_00330_46465_9369.N1	18-JAN-2011 20:36:42	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	46465	No
274	GOM_NL__2PRFIN20110118_204106_000000393098_00330_46465_9370.N1	18-JAN-2011 20:41:06	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	46465	No
275	GOM_NL__2PRFIN20110118_205006_000000383098_00330_46465_9371.N1	18-JAN-2011 20:50:06	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	46465	No
276	GOM_NL__2PRFIN20110118_205223_000000563098_00330_46465_9372.N1	18-JAN-2011 20:52:23	Bright	56.000	67	5Alp CrB	2.2210	11000.	112	46465	No
277	GOM_NL__2PRFIN20110118_205900_000000473098_00330_46465_9373.N1	18-JAN-2011 20:59:00	Bright	46.500	102	24Alp Ser	2.6000	4250.0	93	46465	No
278	GOM_NL__2PRFIN20110118_210105_000000533098_00330_46465_9374.N1	18-JAN-2011 21:01:05	Bright	53.000	120	1Del Oph	2.7340	3200.0	106	46465	No

279	GOM_NL__2PRFIN20110118_210504_000000513098_00330_46465_9375.N1	18-JAN-2011 21:05:04	Twilight	51.000	104	27Bet Lib	2.6140	13100.	102	46465	No
280	GOM_NL__2PRFIN20110118_210644_000000483098_00330_46465_9376.N1	18-JAN-2011 21:06:44	Twilight	47.500	80	7Del Sco	2.3160	30000.	95	46465	No
281	GOM_NL__2PRFIN20110118_210831_000000563098_00330_46465_9377.N1	18-JAN-2011 21:08:31	Dark	56.000	122	9Alp2Lib	2.7470	9700.0	112	46465	No
282	GOM_NL__2PRFIN20110118_211212_000000403098_00330_46465_9378.N1	18-JAN-2011 21:12:12	Dark	39.500	131	Gam Lup	2.8000	26000.	79	46465	No
283	GOM_NL__2PRFIN20110118_211403_000000423098_00330_46465_9379.N1	18-JAN-2011 21:14:03	Dark	42.000	109	Bet Lup	2.6770	26000.	84	46465	No
284	GOM_NL__2PRFIN20110118_211540_000000533098_00330_46465_9380.N1	18-JAN-2011 21:15:40	Dark	52.500	54	5The Cen	2.0550	4500.0	105	46465	No
285	GOM_NL__2PRFIN20110118_211742_000000453098_00331_46466_9390.N1	18-JAN-2011 21:17:42	Dark	44.500	95	Zet Cen	2.5450	26000.	89	46466	No
286	GOM_NL__2PRFIN20110118_211905_000000433098_00331_46466_9391.N1	18-JAN-2011 21:19:05	Dark	42.500	77	Eps Cen	2.3030	28000.	85	46466	No
287	GOM_NL__2PRFIN20110118_212223_000000413098_00331_46466_9392.N1	18-JAN-2011 21:22:23	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	46466	No
288	GOM_NL__2PRFIN20110118_212743_000000483098_00331_46466_9393.N1	18-JAN-2011 21:27:43	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	46466	No
289	GOM_NL__2PRFIN20110118_212936_000000423098_00331_46466_9394.N1	18-JAN-2011 21:29:36	Dark	42.000	91	Kap Vel	2.4900	26000.	84	46466	No
290	GOM_NL__2PRFIN20110118_213254_000000553098_00331_46466_9395.N1	18-JAN-2011 21:32:54	Dark	54.500	65	Lam Vel	2.2040	4400.0	109	46466	No
291	GOM_NL__2PRFIN20110118_213525_000000443098_00331_46466_9396.N1	18-JAN-2011 21:35:25	Dark	44.000	70	Zet Pup	2.2460	39000.	88	46466	No
292	GOM_NL__2PRFIN20110118_213906_000000423098_00331_46466_9397.N1	18-JAN-2011 21:39:06	Straylight	42.000	88	31Eta CMa	2.4480	20000.	84	46466	No
293	GOM_NL__2PRFIN20110118_214932_000000603098_00331_46466_9398.N1	18-JAN-2011 21:49:32	Twilight	60.000	8	10Alp CMi	0.40000	6500.0	120	46466	No
294	GOM_NL__2PRFIN20110118_215234_000000473098_00331_46466_9399.N1	18-JAN-2011 21:52:34	Bright	47.000	44	24Gam Gem	1.9280	11000.	94	46466	No
295	GOM_NL__2PRFIN20110118_215506_000000393098_00331_46466_9400.N1	18-JAN-2011 21:55:06	Bright	38.500	170	27Eps Gem	3.0000	9700.0	77	46466	No
296	GOM_NL__2PRFIN20110118_215650_000000473098_00331_46466_9401.N1	18-JAN-2011 21:56:50	Bright	46.500	17	78Bet Gem	1.1610	4500.0	93	46466	No
297	GOM_NL__2PRFIN20110118_221257_000000423098_00331_46466_9402.N1	18-JAN-2011 22:12:57	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	46466	No
298	GOM_NL__2PRFIN20110118_221656_000000393098_00331_46466_9403.N1	18-JAN-2011 22:16:56	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46466	No
299	GOM_NL__2PRFIN20110118_222120_000000393098_00331_46466_9404.N1	18-JAN-2011 22:21:20	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46466	No
300	GOM_NL__2PRFIN20110118_223020_000000383098_00331_46466_9405.N1	18-JAN-2011 22:30:20	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	46466	No
301	GOM_NL__2PRFIN20110118_223237_000000463098_00331_46466_9406.N1	18-JAN-2011 22:32:37	Bright	46.000	67	5Alp CrB	2.2210	11000.	92	46466	No
302	GOM_NL__2PRFIN20110118_223915_000000653098_00331_46466_9407.N1	18-JAN-2011 22:39:15	Bright	65.000	102	24Alp Ser	2.6000	4250.0	130	46466	No
303	GOM_NL__2PRFIN20110118_224119_000000583098_00331_46466_9408.N1	18-JAN-2011 22:41:19	Bright	58.000	120	1Del Oph	2.7340	3200.0	116	46466	No
304	GOM_NL__2PRFIN20110118_224519_000000513098_00331_46466_9409.N1	18-JAN-2011 22:45:19	Twilight	50.500	104	27Bet Lib	2.6140	13100.	101	46466	No
305	GOM_NL__2PRFIN20110118_224658_000000443098_00331_46466_9410.N1	18-JAN-2011 22:46:58	Twilight	44.000	80	7Del Sco	2.3160	30000.	88	46466	No
306	GOM_NL__2PRFIN20110118_224846_000000553098_00331_46466_9411.N1	18-JAN-2011 22:48:46	Dark	54.500	122	9Alp2Lib	2.7470	9700.0	109	46466	No
307	GOM_NL__2PRFIN20110118_225226_000000403098_00331_46466_9412.N1	18-JAN-2011 22:52:26	Dark	39.500	131	Gam Lup	2.8000	26000.	79	46466	No
308	GOM_NL__2PRFIN20110118_225417_000000423098_00331_46466_9413.N1	18-JAN-2011 22:54:17	Dark	41.500	109	Bet Lup	2.6770	26000.	83	46466	No
309	GOM_NL__2PRFIN20110118_225555_000000623098_00331_46466_9414.N1	18-JAN-2011 22:55:55	Dark	62.000	54	5The Cen	2.0550	4500.0	124	46466	No
310	GOM_NL__2PRFIN20110118_225756_000000453098_00332_46467_9437.N1	18-JAN-2011 22:57:56	Dark	44.500	95	Zet Cen	2.5450	26000.	89	46467	No
311	GOM_NL__2PRFIN20110118_225919_000000433098_00332_46467_9438.N1	18-JAN-2011 22:59:19	Dark	43.000	77	Eps Cen	2.3030	28000.	86	46467	No
312	GOM_NL__2PRFIN20110118_230237_000000423098_00332_46467_9439.N1	18-JAN-2011 23:02:37	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	46467	No
313	GOM_NL__2PRFIN20110118_230757_000000523098_00332_46467_9440.N1	18-JAN-2011 23:07:57	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	46467	No
314	GOM_NL__2PRFIN20110118_230950_000000453098_00332_46467_9441.N1	18-JAN-2011 23:09:50	Dark	44.500	91	Kap Vel	2.4900	26000.	89	46467	No
315	GOM_NL__2PRFIN20110118_231308_000000483098_00332_46467_9442.N1	18-JAN-2011 23:13:08	Dark	48.000	65	Lam Vel	2.2040	4400.0	96	46467	No
316	GOM_NL__2PRFIN20110118_231539_000000413098_00332_46467_9443.N1	18-JAN-2011 23:15:39	Dark	40.500	70	Zet Pup	2.2460	39000.	81	46467	No
317	GOM_NL__2PRFIN20110118_231920_000000423098_00332_46467_9444.N1	18-JAN-2011 23:19:20	Straylight	42.000	88	31Eta CMa	2.4480	20000.	84	46467	No
318	GOM_NL__2PRFIN20110118_232946_000000573098_00332_46467_9445.N1	18-JAN-2011 23:29:46	Twilight	56.500	8	10Alp CMi	0.40000	6500.0	113	46467	No
319	GOM_NL__2PRFIN20110118_233248_000000533098_00332_46467_9446.N1	18-JAN-2011 23:32:48	Bright	53.000	44	24Gam Gem	1.9280	11000.	106	46467	No
320	GOM_NL__2PRFIN20110118_233520_000000403098_00332_46467_9447.N1	18-JAN-2011 23:35:20	Bright	39.500	170	27Eps Gem	3.0000	9700.0	79	46467	No
321	GOM_NL__2PRFIN20110118_233703_000000463098_00332_46467_9448.N1	18-JAN-2011 23:37:03	Bright	46.000	17	78Bet Gem	1.1610	4500.0	92	46467	No
322	GOM_NL__2PRFIN20110118_235310_000000423098_00332_46467_9449.N1	18-JAN-2011 23:53:10	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	46467	No
323	GOM_NL__2PRFIN20110118_235709_000000353098_00332_46467_9450.N1	18-JAN-2011 23:57:09	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	46467	No

3. Quality information per product

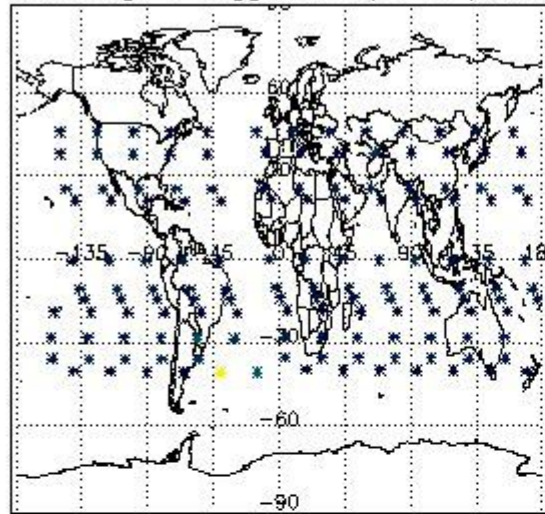
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

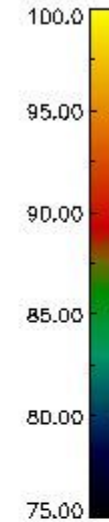
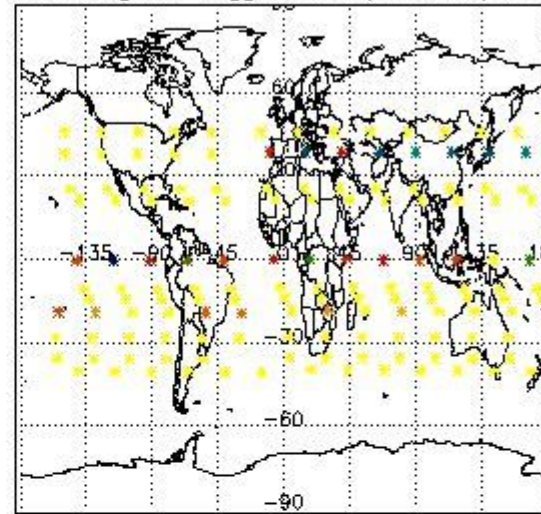


3.2 Plot quality information per product (world map)

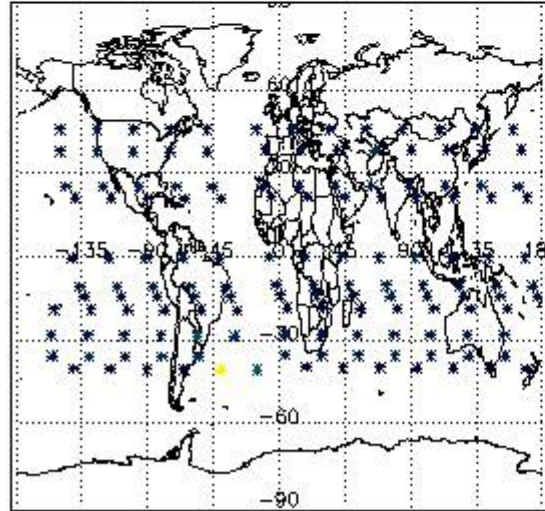
Percentage of flagged data per O3 profile



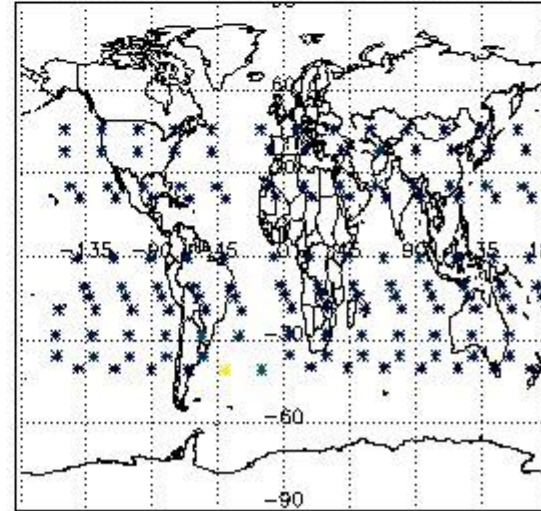
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

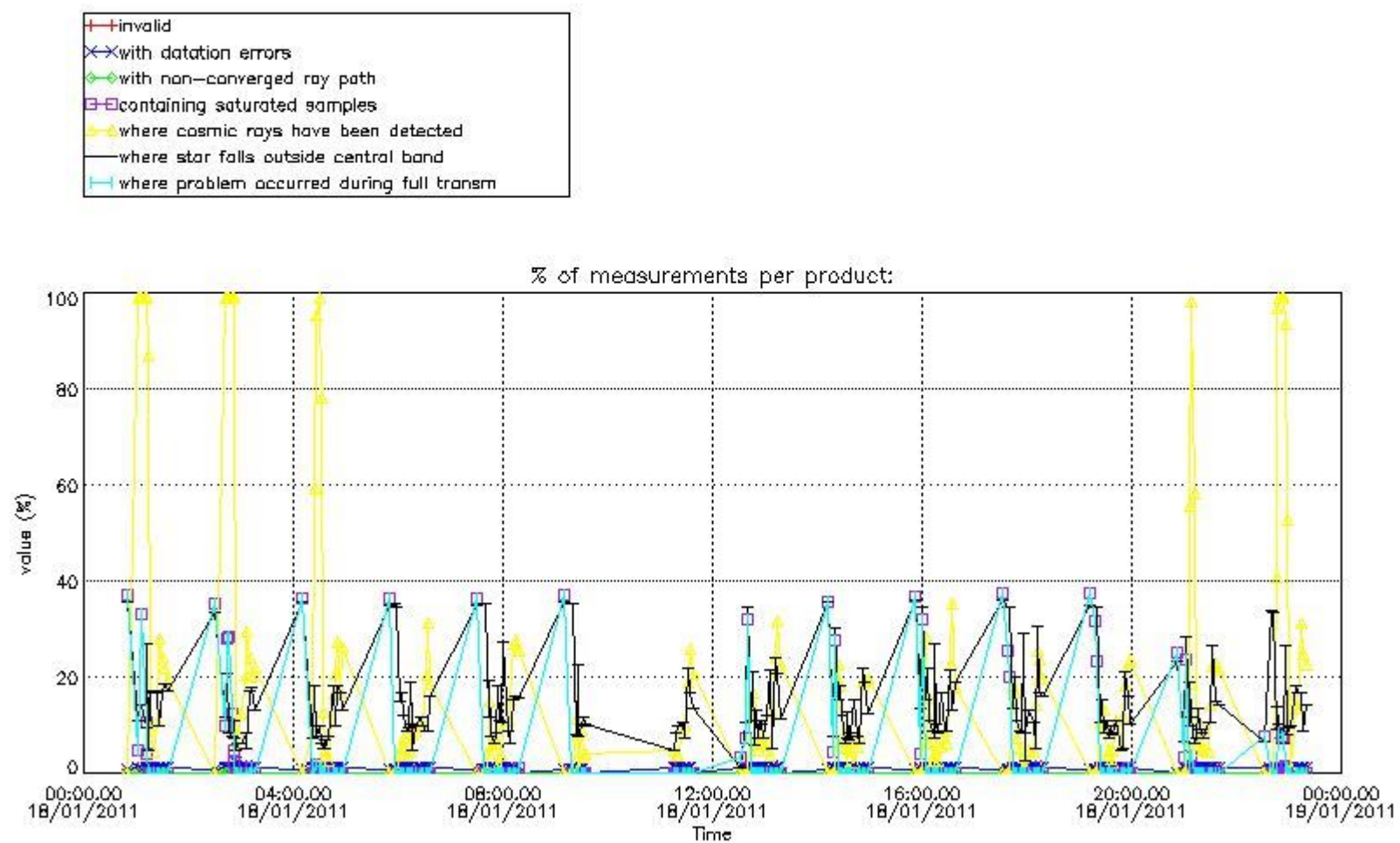


4. Level 1 quality information per product

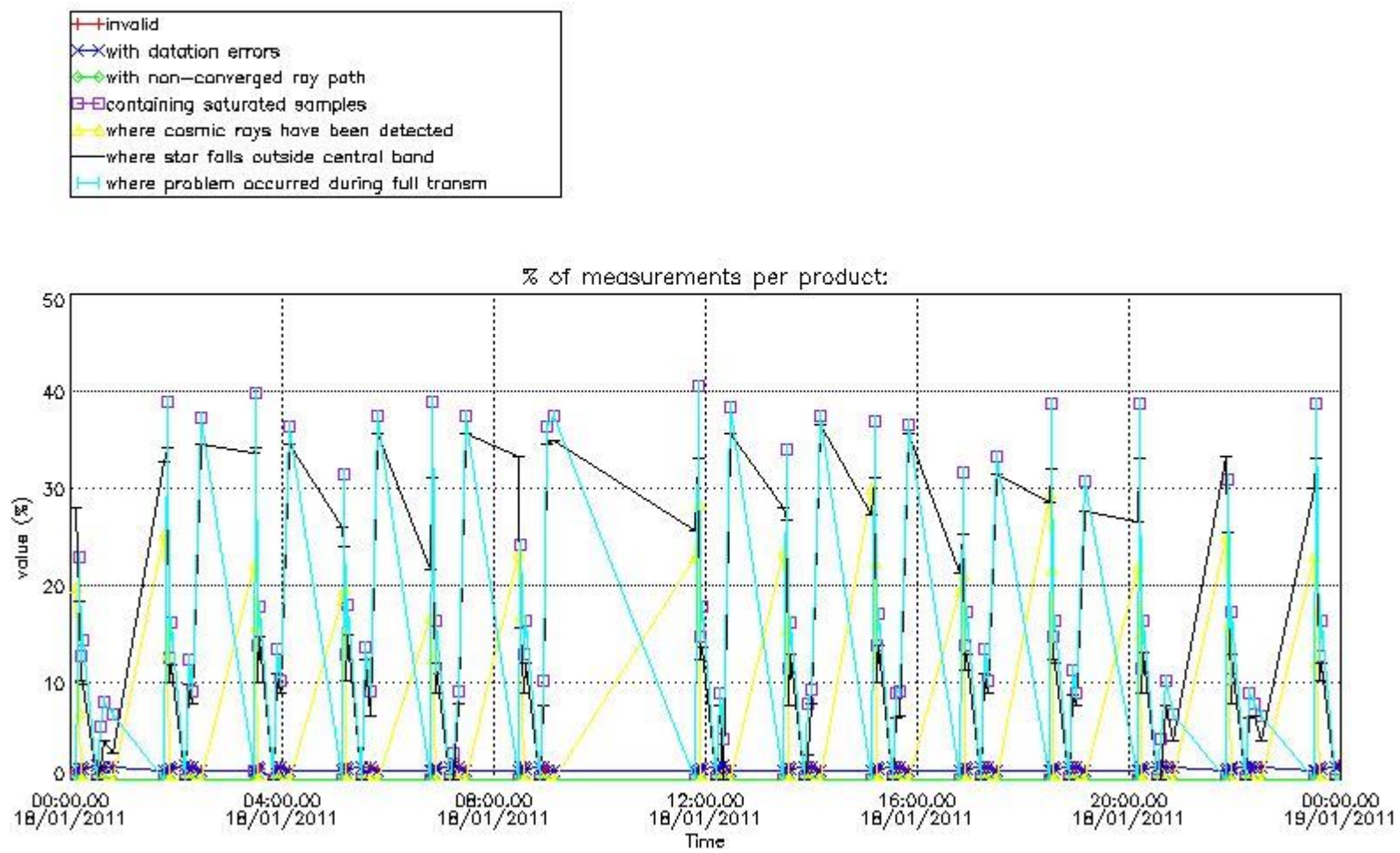
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



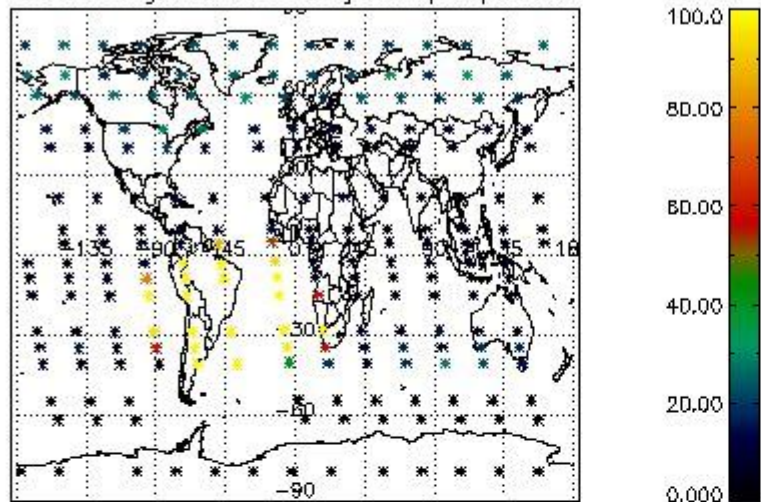
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



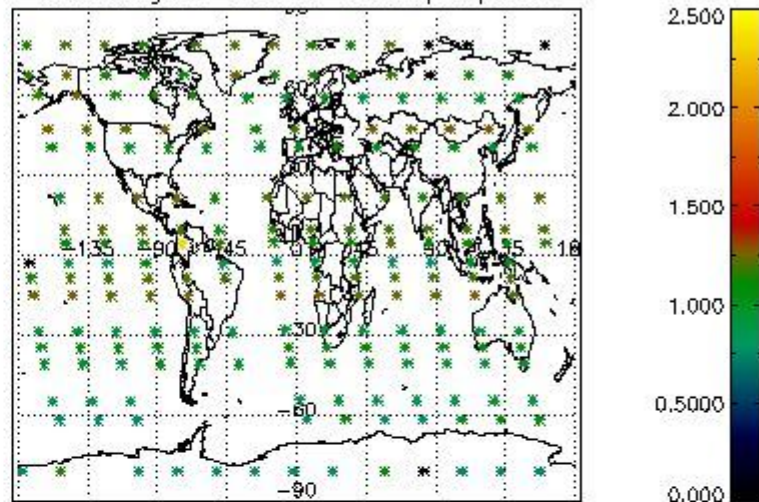
4.2 Plot quality information per product coming from level 1b processing (world map)

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

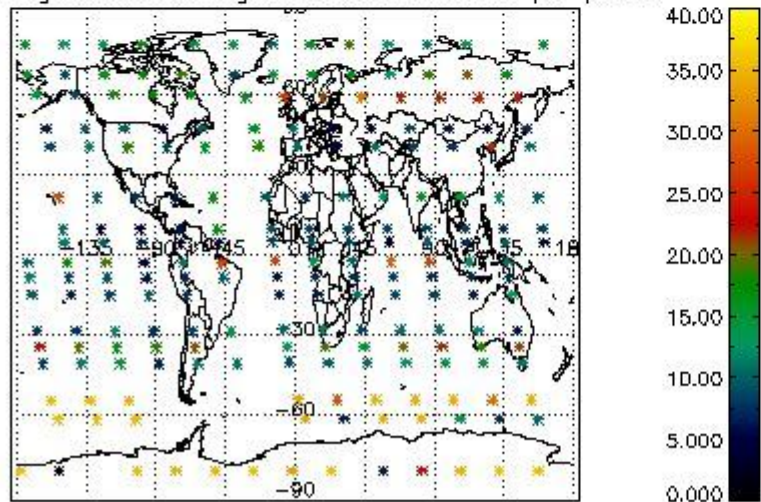
Percentage of cosmic ray hits per profile



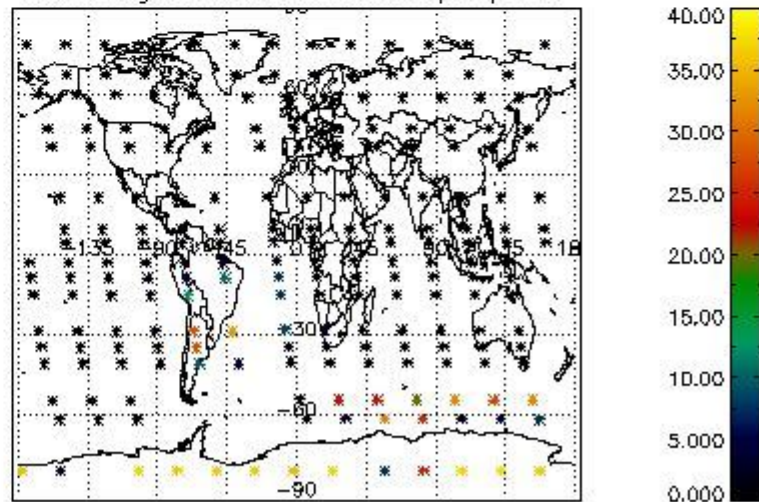
Percentage of datation errors per profile



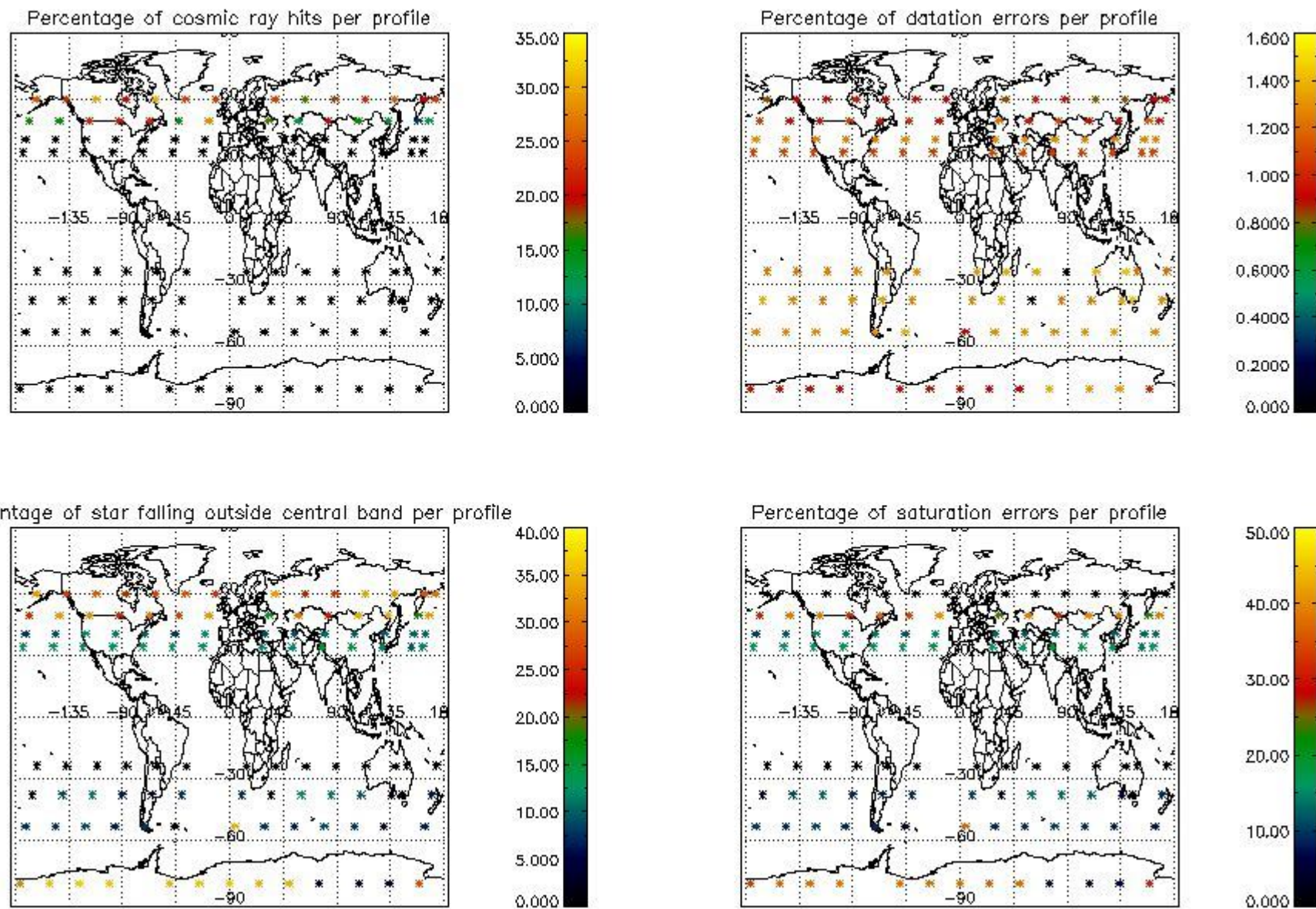
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

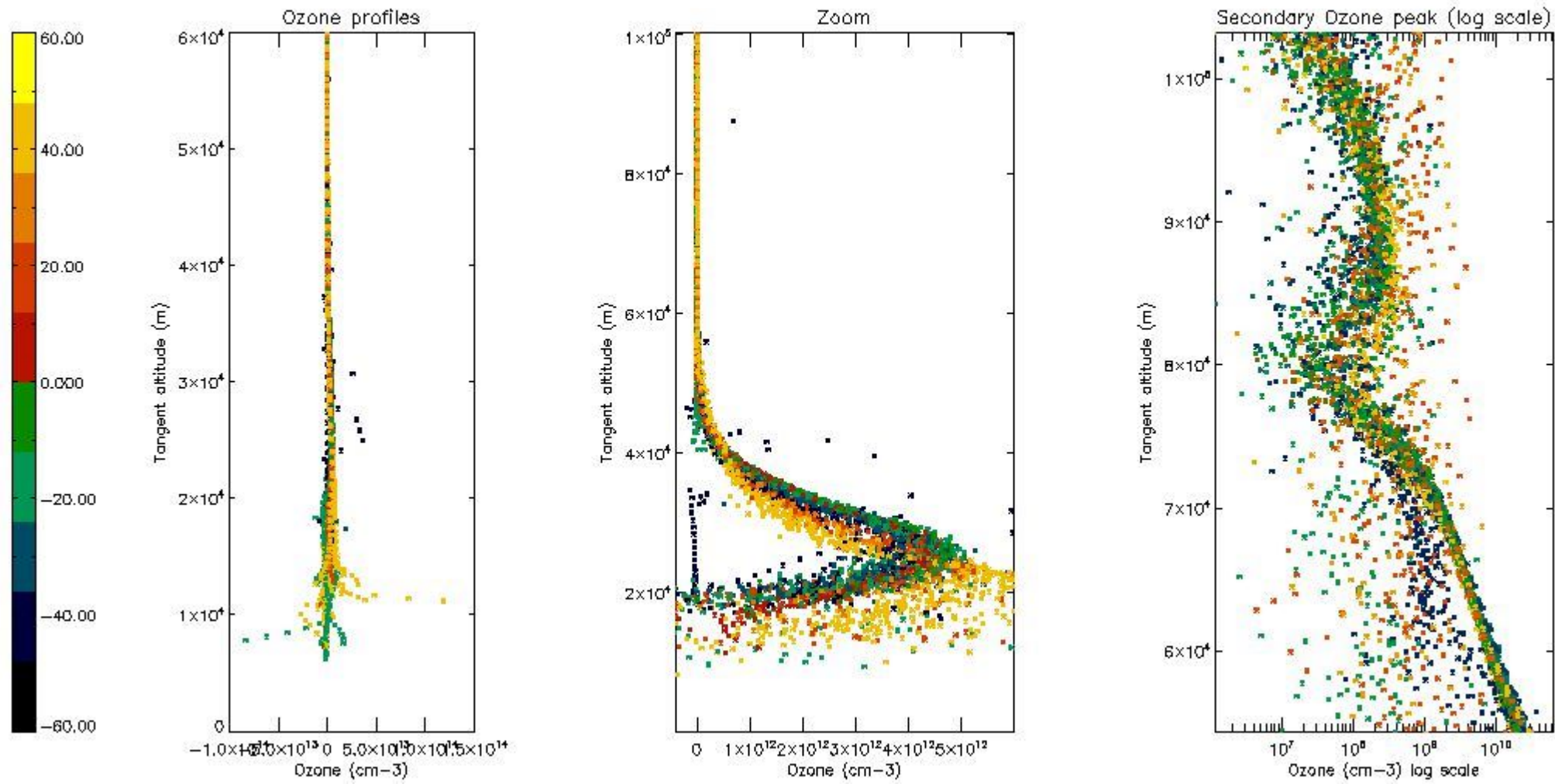
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	43
STD < 20	21

STD < 10	17
STD < 5	11

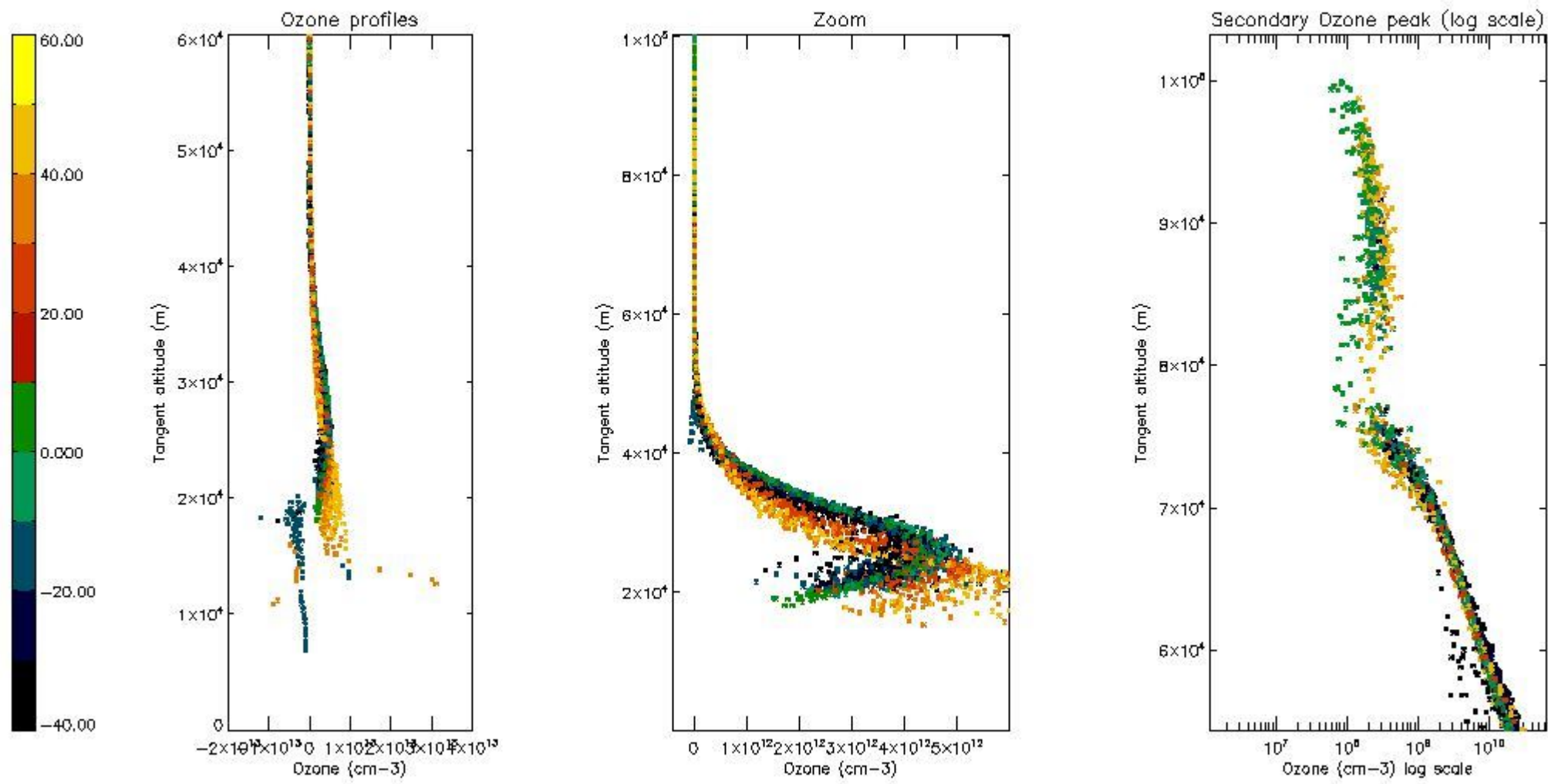
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



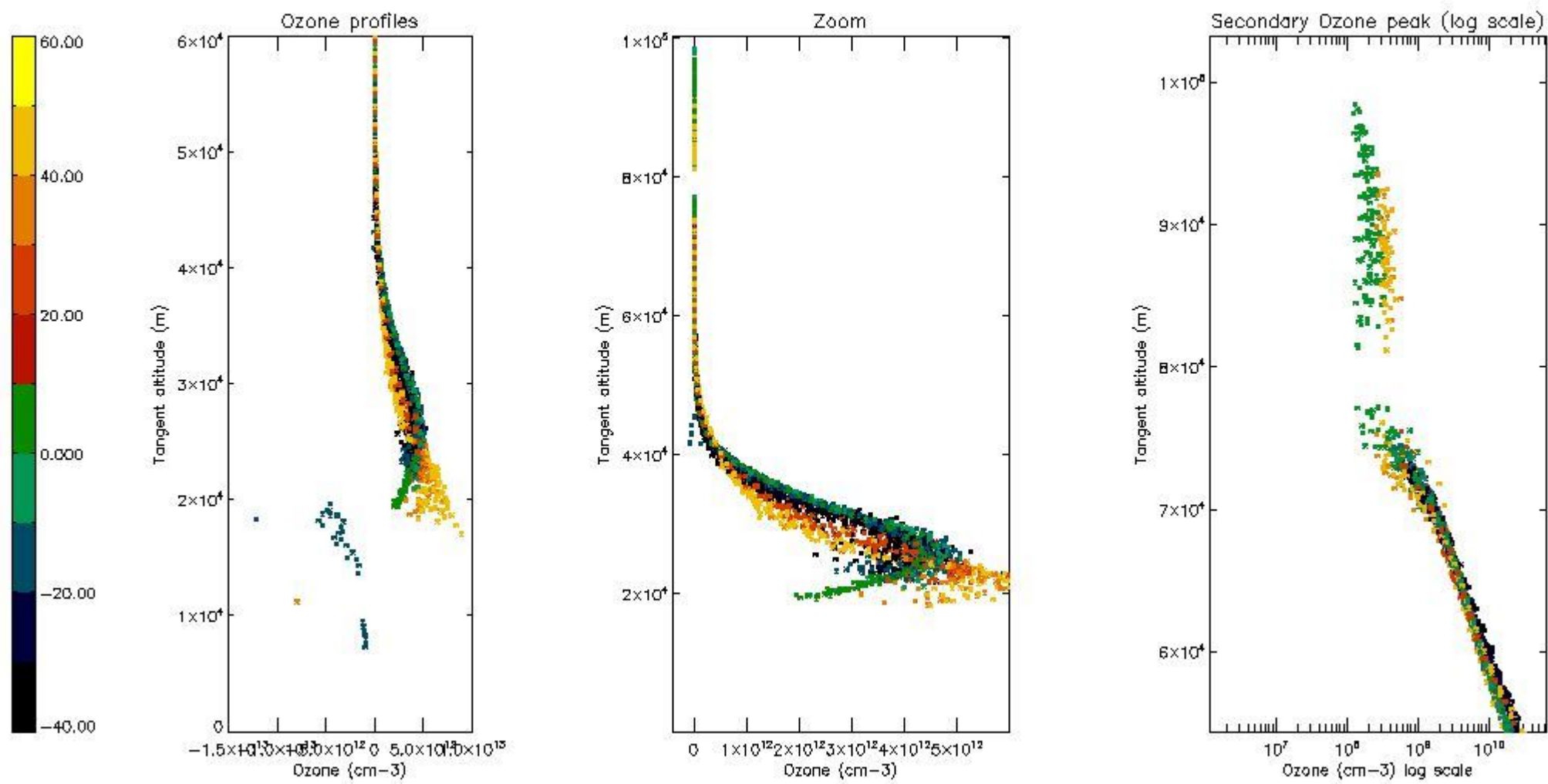
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



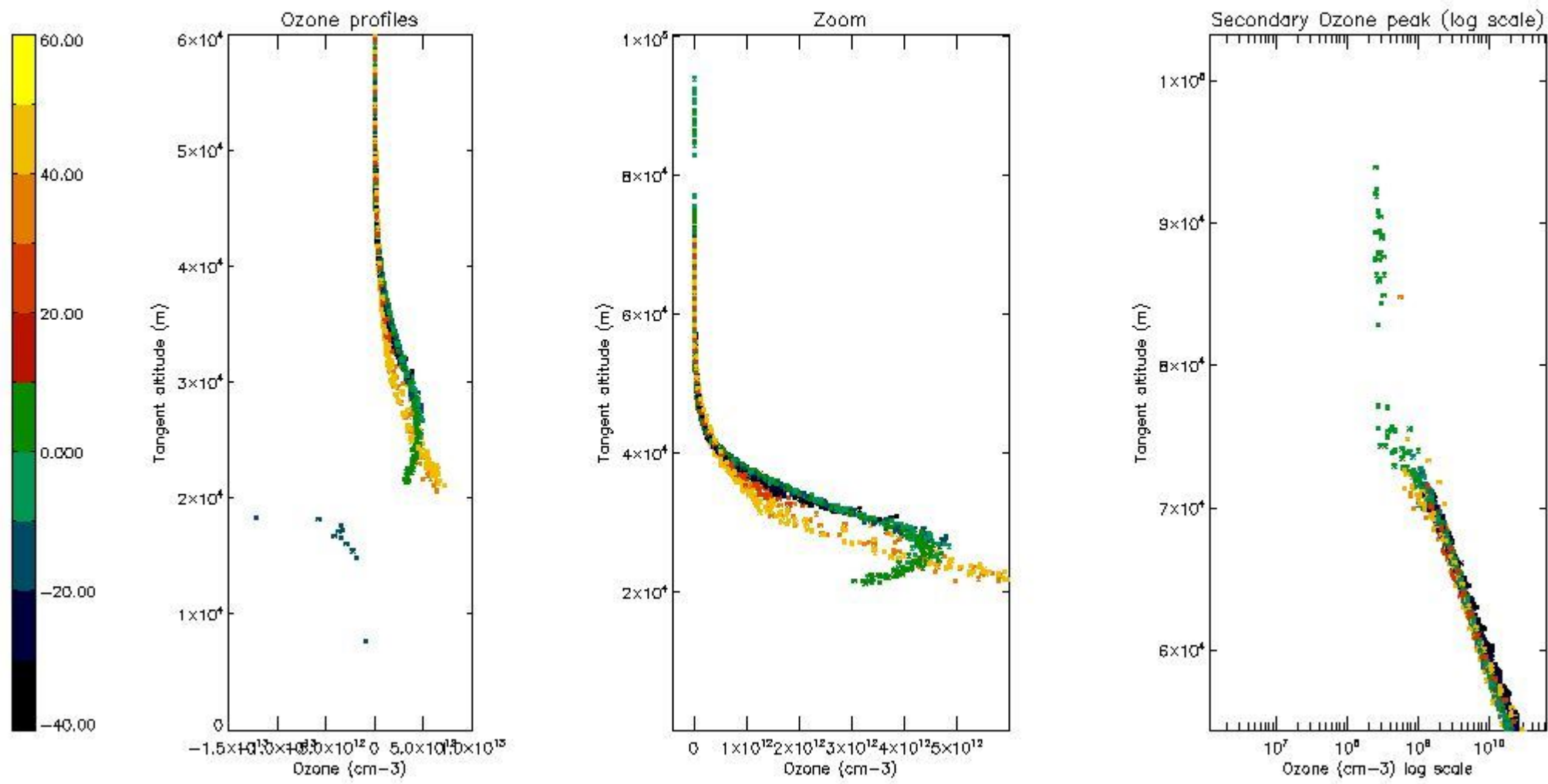
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



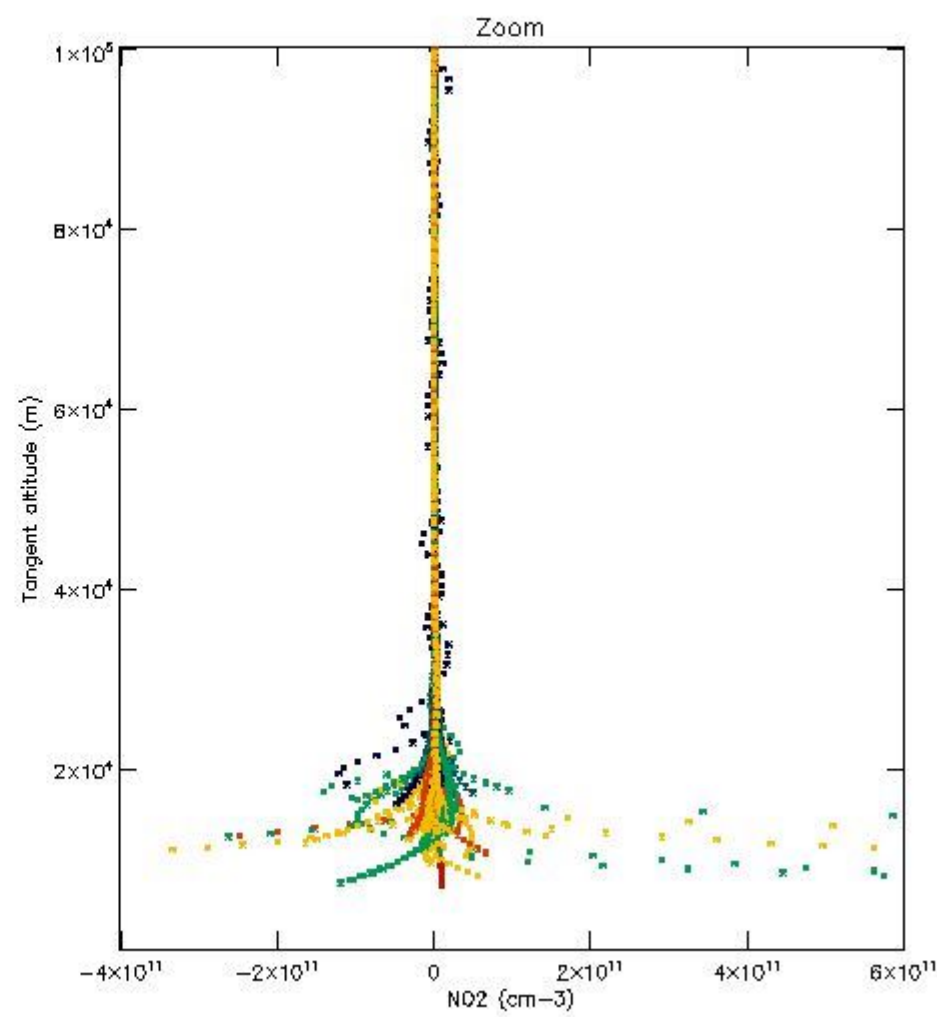
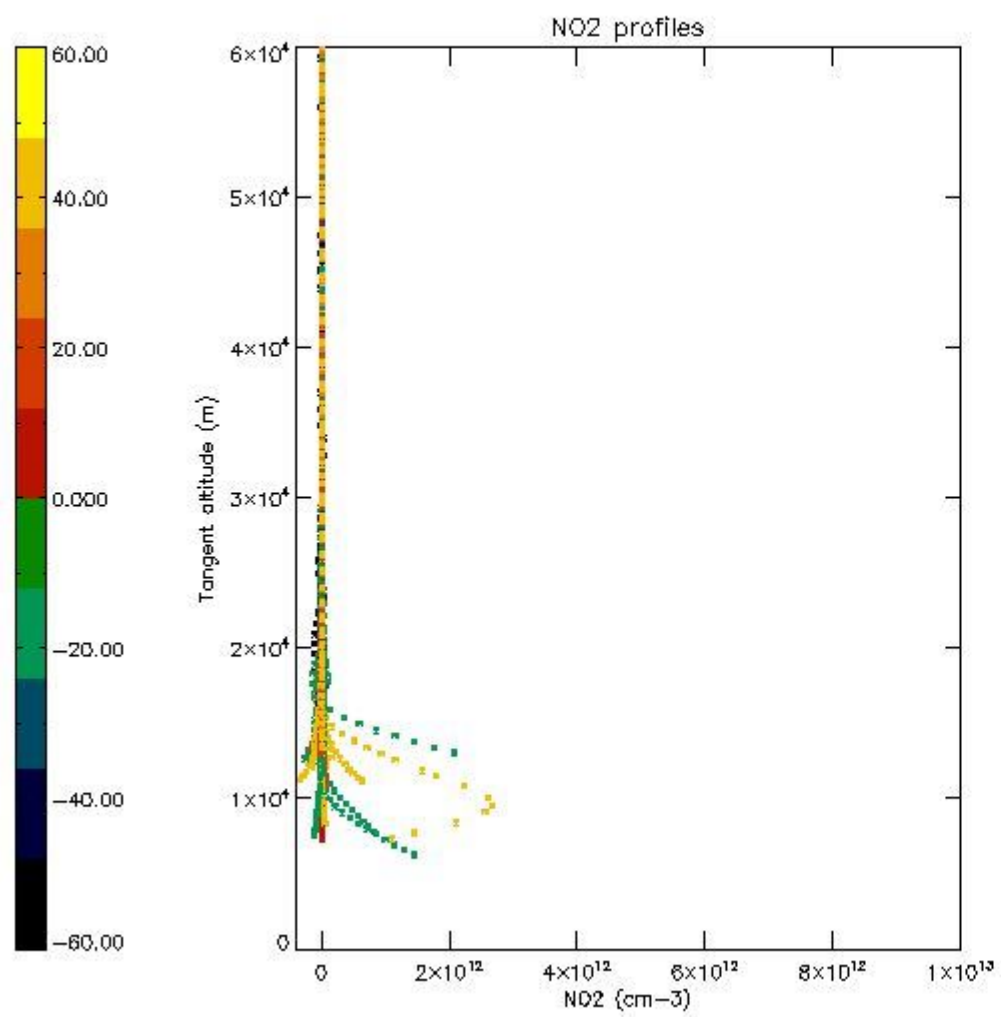
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



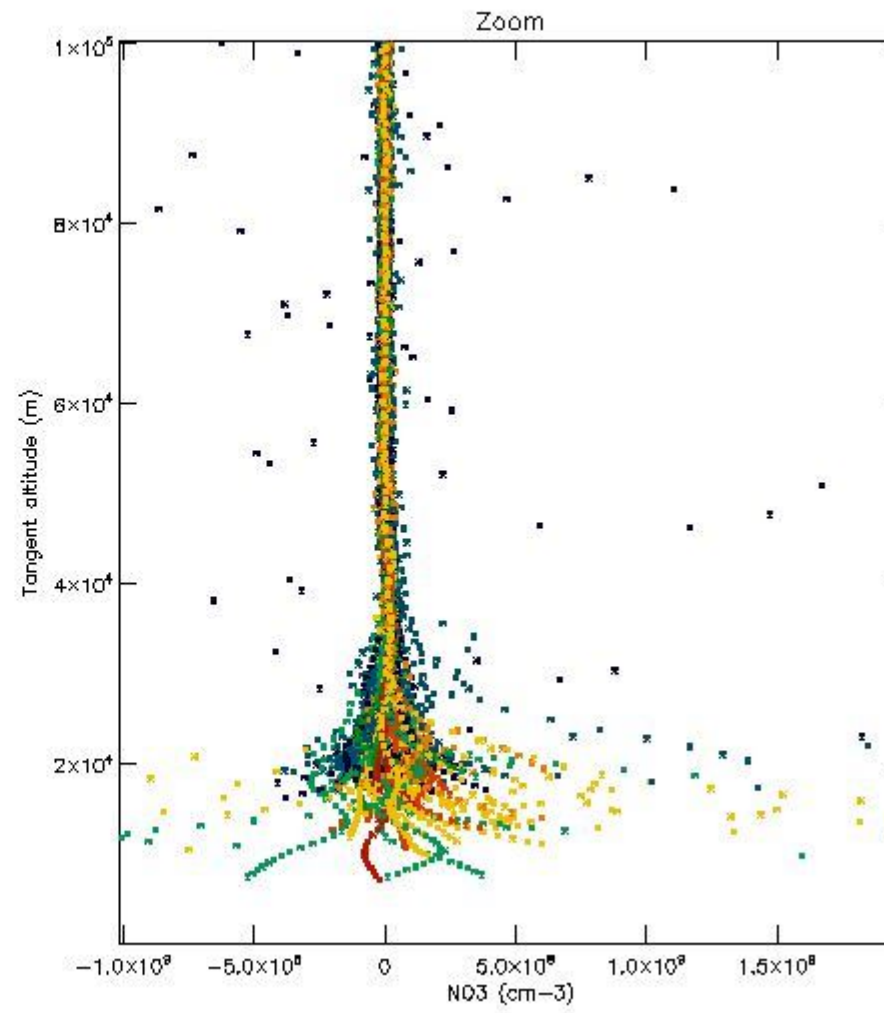
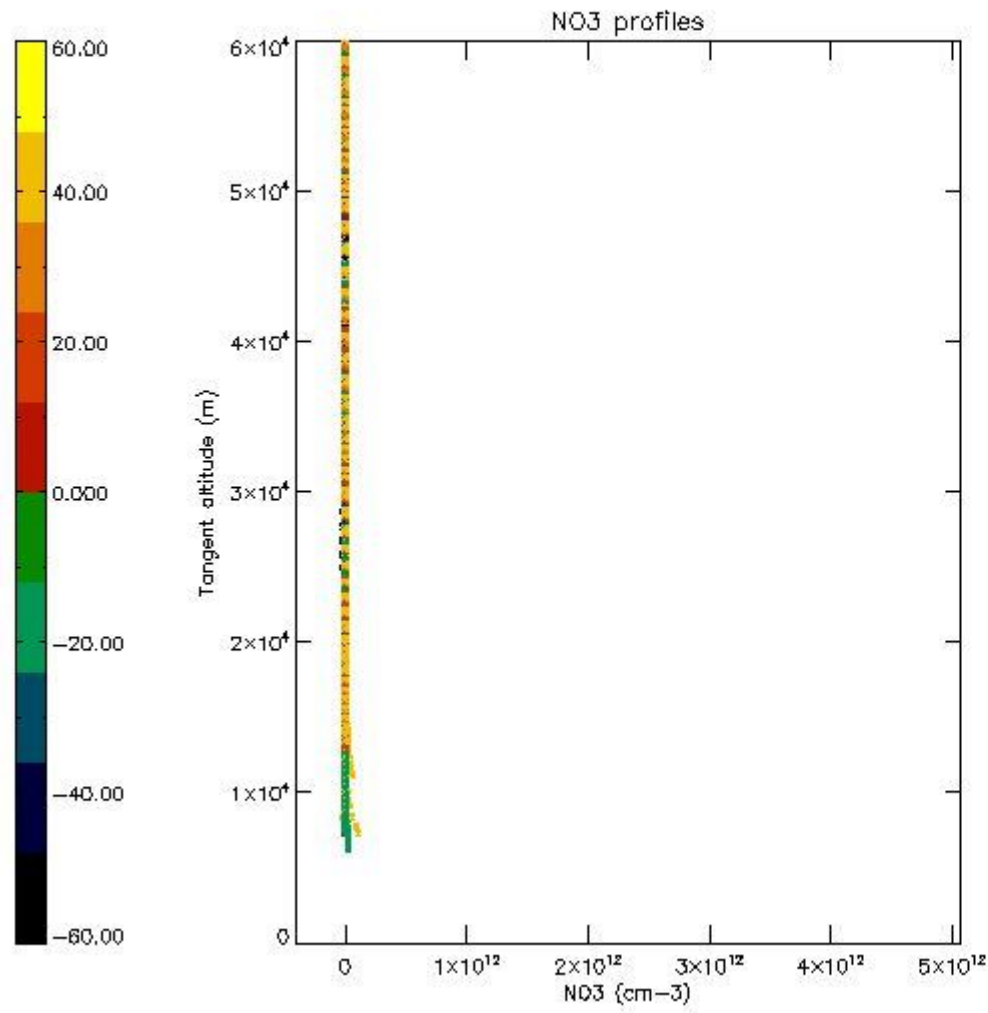
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-JAN-2011 00:06:32
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-JAN-2011 00:06:32
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-JAN-2011 00:06:32

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[2. Summary of processed GOM_NL_2P products](#)

[3. Level 2 Quality information per product](#)

[3.1 Plot of level 2 quality information per product \(time dependant\)](#)

[3.2 Plot of level 2 quality information per product \(world map\)](#)

[4. Level 1 Quality information per product \(stored on level 2 products\)](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	24APR2013 09:20:04
Data source version	GOMOS/6.01
Start time of products	18-01-2011 (18JAN2011 00:00:00)
Stop time of products	19-01-2011 (19JAN2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	323
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__2PRFIN20110118_000632_000000563098_00318_46453_8961.N1	18-JAN-2011 00:06:32	Twi_and_stray	55.500	8	10Alp CMi	0.40000	6500.0	111	46453	No
2	GOM_NL__2PRFIN20110118_000932_000000443098_00318_46453_8962.N1	18-JAN-2011 00:09:32	Bright	43.500	44	24Gam Gem	1.9280	11000.	87	46453	No
3	GOM_NL__2PRFIN20110118_001205_000000403098_00318_46453_8963.N1	18-JAN-2011 00:12:05	Bright	39.500	170	27Eps Gem	3.0000	9700.0	79	46453	No
4	GOM_NL__2PRFIN20110118_001353_000000463098_00318_46453_8964.N1	18-JAN-2011 00:13:53	Bright	45.500	17	78Bet Gem	1.1610	4500.0	91	46453	No
5	GOM_NL__2PRFIN20110118_003004_000000353098_00318_46453_8965.N1	18-JAN-2011 00:30:04	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	46453	No
6	GOM_NL__2PRFIN20110118_003356_000000373098_00318_46453_8966.N1	18-JAN-2011 00:33:56	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	46453	No
7	GOM_NL__2PRFIN20110118_003819_000000383098_00318_46453_8967.N1	18-JAN-2011 00:38:19	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	46453	No
8	GOM_NL__2PRFIN20110118_004716_000000373098_00318_46453_8968.N1	18-JAN-2011 00:47:16	Bright	37.000	133	40Zet Her	2.8070	6000.0	74	46453	No
9	GOM_NL__2PRFIN20110118_004932_000000663098_00318_46453_8969.N1	18-JAN-2011 00:49:32	Bright	66.000	67	5Alp CrB	2.2210	11000.	132	46453	No
10	GOM_NL__2PRFIN20110118_010205_000000513098_00318_46453_8970.N1	18-JAN-2011 01:02:05	Twi_and_stray	51.000	104	27Bet Lib	2.6140	13100.	102	46453	No
11	GOM_NL__2PRFIN20110118_010529_000000563098_00318_46453_8971.N1	18-JAN-2011 01:05:29	Dark	56.000	122	9Alp2Lib	2.7470	9700.0	112	46453	No
12	GOM_NL__2PRFIN20110118_011106_000000423098_00318_46453_8972.N1	18-JAN-2011 01:11:06	Dark	42.000	109	Bet Lup	2.6770	26000.	84	46453	No
13	GOM_NL__2PRFIN20110118_011239_000000613098_00318_46453_8973.N1	18-JAN-2011 01:12:39	Dark	61.000	54	5The Cen	2.0550	4500.0	122	46453	No
14	GOM_NL__2PRFIN20110118_011443_000000433098_00319_46454_8968.N1	18-JAN-2011 01:14:43	Dark	42.500	95	Zet Cen	2.5450	26000.	85	46454	No
15	GOM_NL__2PRFIN20110118_011608_000000473098_00319_46454_8969.N1	18-JAN-2011 01:16:08	Dark	46.500	77	Eps Cen	2.3030	28000.	93	46454	No
16	GOM_NL__2PRFIN20110118_011928_000000453098_00319_46454_8970.N1	18-JAN-2011 01:19:28	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	46454	No
17	GOM_NL__2PRFIN20110118_012445_000000513098_00319_46454_8971.N1	18-JAN-2011 01:24:45	Dark	51.000	113	Mu Vel	2.6920	5000.0	102	46454	No
18	GOM_NL__2PRFIN20110118_012642_000000413098_00319_46454_8972.N1	18-JAN-2011 01:26:42	Dark	41.000	91	Kap Vel	2.4900	26000.	82	46454	No
19	GOM_NL__2PRFIN20110118_013025_000000443098_00319_46454_8973.N1	18-JAN-2011 01:30:25	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	46454	No
20	GOM_NL__2PRFIN20110118_013233_000000463098_00319_46454_8974.N1	18-JAN-2011 01:32:33	Dark	45.500	70	Zet Pup	2.2460	39000.	91	46454	No
21	GOM_NL__2PRFIN20110118_013615_000000443098_00319_46454_8975.N1	18-JAN-2011 01:36:15	Straylight	44.000	88	31Eta CMa	2.4480	20000.	88	46454	No
22	GOM_NL__2PRFIN20110118_014646_000000603098_00319_46454_8976.N1	18-JAN-2011 01:46:46	Twi_and_stray	59.500	8	10Alp CMi	0.40000	6500.0	119	46454	No
23	GOM_NL__2PRFIN20110118_014946_000000543098_00319_46454_8977.N1	18-JAN-2011 01:49:46	Bright	54.000	44	24Gam Gem	1.9280	11000.	108	46454	No
24	GOM_NL__2PRFIN20110118_015219_000000403098_00319_46454_8978.N1	18-JAN-2011 01:52:19	Bright	40.000	170	27Eps Gem	3.0000	9700.0	80	46454	No
25	GOM_NL__2PRFIN20110118_015406_000000473098_00319_46454_8979.N1	18-JAN-2011 01:54:06	Bright	46.500	17	78Bet Gem	1.1610	4500.0	93	46454	No
26	GOM_NL__2PRFIN20110118_021017_000000363098_00319_46454_8980.N1	18-JAN-2011 02:10:17	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	46454	No
27	GOM_NL__2PRFIN20110118_021410_000000413098_00319_46454_8981.N1	18-JAN-2011 02:14:10	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46454	No
28	GOM_NL__2PRFIN20110118_021833_000000393098_00319_46454_8982.N1	18-JAN-2011 02:18:33	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46454	No
29	GOM_NL__2PRFIN20110118_022730_000000553098_00319_46454_8983.N1	18-JAN-2011 02:27:30	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	46454	No
30	GOM_NL__2PRFIN20110118_022946_000000643098_00319_46454_8984.N1	18-JAN-2011 02:29:46	Bright	64.000	67	5Alp CrB	2.2210	11000.	128	46454	No
31	GOM_NL__2PRFIN20110118_024220_000000513098_00319_46454_8985.N1	18-JAN-2011 02:42:20	Twi_and_stray	51.000	104	27Bet Lib	2.6140	13100.	102	46454	No
32	GOM_NL__2PRFIN20110118_024403_000000483098_00319_46454_8986.N1	18-JAN-2011 02:44:03	Twi_and_stray	48.000	80	7Del Sco	2.3160	30000.	96	46454	No
33	GOM_NL__2PRFIN20110118_024544_000000533098_00319_46454_8987.N1	18-JAN-2011 02:45:44	Dark	53.000	122	9Alp2Lib	2.7470	9700.0	106	46454	No
34	GOM_NL__2PRFIN20110118_024931_000000403098_00319_46454_8988.N1	18-JAN-2011 02:49:31	Dark	40.000	131	Gam Lup	2.8000	26000.	80	46454	No
35	GOM_NL__2PRFIN20110118_025121_000000423098_00319_46454_8989.N1	18-JAN-2011 02:51:21	Dark	41.500	109	Bet Lup	2.6770	26000.	83	46454	No
36	GOM_NL__2PRFIN20110118_025254_000000503098_00319_46454_8990.N1	18-JAN-2011 02:52:54	Dark	50.000	54	5The Cen	2.0550	4500.0	100	46454	No
37	GOM_NL__2PRFIN20110118_025458_000000433098_00320_46455_8984.N1	18-JAN-2011 02:54:58	Dark	43.000	95	Zet Cen	2.5450	26000.	86	46455	No
38	GOM_NL__2PRFIN20110118_025622_000000423098_00320_46455_8985.N1	18-JAN-2011 02:56:22	Dark	41.500	77	Eps Cen	2.3030	28000.	83	46455	No
39	GOM_NL__2PRFIN20110118_025943_000000403098_00320_46455_8986.N1	18-JAN-2011 02:59:43	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	46455	No
40	GOM_NL__2PRFIN20110118_030500_000000473098_00320_46455_8987.N1	18-JAN-2011 03:05:00	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46455	No
41	GOM_NL__2PRFIN20110118_030656_000000393098_00320_46455_8988.N1	18-JAN-2011 03:06:56	Dark	39.000	91	Kap Vel	2.4900	26000.	78	46455	No
42	GOM_NL__2PRFIN20110118_031040_000000443098_00320_46455_8989.N1	18-JAN-2011 03:10:40	Dark	43.500	34	Gam2Vel	1.7930	23000.	87	46455	No

43	GOM_NL__2PRFIN20110118_031247_000000453098_00320_46455_8990.N1	18-JAN-2011 03:12:47	Dark	45.000	70	Zet Pup	2.2460	39000.	90	46455	No
44	GOM_NL__2PRFIN20110118_031630_000000423098_00320_46455_8991.N1	18-JAN-2011 03:16:30	Straylight	41.500	88	31Eta CMa	2.4480	20000.	83	46455	No
45	GOM_NL__2PRFIN20110118_032700_000000613098_00320_46455_8992.N1	18-JAN-2011 03:27:00	Tw_i_and_stray	61.000	8	10Alp CMi	0.40000	6500.0	122	46455	No
46	GOM_NL__2PRFIN20110118_033000_000000543098_00320_46455_8993.N1	18-JAN-2011 03:30:00	Bright	54.000	44	24Gam Gem	1.9280	11000.	108	46455	No
47	GOM_NL__2PRFIN20110118_033233_000000403098_00320_46455_8994.N1	18-JAN-2011 03:32:33	Bright	40.000	170	27Eps Gem	3.0000	9700.0	80	46455	No
48	GOM_NL__2PRFIN20110118_033420_000000483098_00320_46455_8995.N1	18-JAN-2011 03:34:20	Bright	47.500	17	78Bet Gem	1.1610	4500.0	95	46455	No
49	GOM_NL__2PRFIN20110118_035031_000000363098_00320_46455_8996.N1	18-JAN-2011 03:50:31	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	46455	No
50	GOM_NL__2PRFIN20110118_035424_000000413098_00320_46455_8997.N1	18-JAN-2011 03:54:24	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	46455	No
51	GOM_NL__2PRFIN20110118_035846_000000403098_00320_46455_8998.N1	18-JAN-2011 03:58:46	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46455	No
52	GOM_NL__2PRFIN20110118_040744_000000553098_00320_46455_8999.N1	18-JAN-2011 04:07:44	Bright	55.000	133	40Zet Her	2.8070	6000.0	110	46455	No
53	GOM_NL__2PRFIN20110118_041000_000000663098_00320_46455_9000.N1	18-JAN-2011 04:10:00	Bright	66.000	67	5Alp CrB	2.2210	11000.	132	46455	No
54	GOM_NL__2PRFIN20110118_042235_000000493098_00320_46455_9001.N1	18-JAN-2011 04:22:35	Tw_i_and_stray	48.500	104	27Bet Lib	2.6140	13100.	97	46455	No
55	GOM_NL__2PRFIN20110118_042418_000000473098_00320_46455_9002.N1	18-JAN-2011 04:24:18	Tw_i_and_stray	46.500	80	7Del Sco	2.3160	30000.	93	46455	No
56	GOM_NL__2PRFIN20110118_042559_000000523098_00320_46455_9003.N1	18-JAN-2011 04:25:59	Dark	52.000	122	9Alp2Lib	2.7470	9700.0	104	46455	No
57	GOM_NL__2PRFIN20110118_042946_000000413098_00320_46455_9004.N1	18-JAN-2011 04:29:46	Dark	41.000	131	Gam Lup	2.8000	26000.	82	46455	No
58	GOM_NL__2PRFIN20110118_043135_000000413098_00320_46455_9005.N1	18-JAN-2011 04:31:35	Dark	41.000	109	Bet Lup	2.6770	26000.	82	46455	No
59	GOM_NL__2PRFIN20110118_043309_000000483098_00320_46455_9006.N1	18-JAN-2011 04:33:09	Dark	47.500	54	5The Cen	2.0550	4500.0	95	46455	No
60	GOM_NL__2PRFIN20110118_043513_000000443098_00321_46456_8998.N1	18-JAN-2011 04:35:13	Dark	43.500	95	Zet Cen	2.5450	26000.	87	46456	No
61	GOM_NL__2PRFIN20110118_043637_000000413098_00321_46456_8999.N1	18-JAN-2011 04:36:37	Dark	40.500	77	Eps Cen	2.3030	28000.	81	46456	No
62	GOM_NL__2PRFIN20110118_043957_000000403098_00321_46456_9000.N1	18-JAN-2011 04:39:57	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	46456	No
63	GOM_NL__2PRFIN20110118_044515_000000523098_00321_46456_9001.N1	18-JAN-2011 04:45:15	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	46456	No
64	GOM_NL__2PRFIN20110118_044711_000000413098_00321_46456_9002.N1	18-JAN-2011 04:47:11	Dark	41.000	91	Kap Vel	2.4900	26000.	82	46456	No
65	GOM_NL__2PRFIN20110118_045054_000000443098_00321_46456_9003.N1	18-JAN-2011 04:50:54	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	46456	No
66	GOM_NL__2PRFIN20110118_045302_000000453098_00321_46456_9004.N1	18-JAN-2011 04:53:02	Dark	44.500	70	Zet Pup	2.2460	39000.	89	46456	No
67	GOM_NL__2PRFIN20110118_045644_000000423098_00321_46456_9005.N1	18-JAN-2011 04:56:44	Straylight	42.000	88	31Eta CMa	2.4480	20000.	84	46456	No
68	GOM_NL__2PRFIN20110118_050714_000000543098_00321_46456_9006.N1	18-JAN-2011 05:07:14	Tw_i_and_stray	54.000	8	10Alp CMi	0.40000	6500.0	108	46456	No
69	GOM_NL__2PRFIN20110118_051014_000000463098_00321_46456_9007.N1	18-JAN-2011 05:10:14	Bright	46.000	44	24Gam Gem	1.9280	11000.	92	46456	No
70	GOM_NL__2PRFIN20110118_051247_000000393098_00321_46456_9008.N1	18-JAN-2011 05:12:47	Bright	39.000	170	27Eps Gem	3.0000	9700.0	78	46456	No
71	GOM_NL__2PRFIN20110118_051434_000000473098_00321_46456_9009.N1	18-JAN-2011 05:14:34	Bright	47.000	17	78Bet Gem	1.1610	4500.0	94	46456	No
72	GOM_NL__2PRFIN20110118_053044_000000373098_00321_46456_9010.N1	18-JAN-2011 05:30:44	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	46456	No
73	GOM_NL__2PRFIN20110118_053437_000000413098_00321_46456_9011.N1	18-JAN-2011 05:34:37	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46456	No
74	GOM_NL__2PRFIN20110118_053900_000000393098_00321_46456_9012.N1	18-JAN-2011 05:39:00	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46456	No
75	GOM_NL__2PRFIN20110118_054758_000000563098_00321_46456_9013.N1	18-JAN-2011 05:47:58	Bright	56.000	133	40Zet Her	2.8070	6000.0	112	46456	No
76	GOM_NL__2PRFIN20110118_055015_000000663098_00321_46456_9014.N1	18-JAN-2011 05:50:15	Bright	66.000	67	5Alp CrB	2.2210	11000.	132	46456	No
77	GOM_NL__2PRFIN20110118_055649_000000653098_00321_46456_9015.N1	18-JAN-2011 05:56:49	Bright	65.000	102	24Alp Ser	2.6000	4250.0	130	46456	No
78	GOM_NL__2PRFIN20110118_055854_000000583098_00321_46456_9016.N1	18-JAN-2011 05:58:54	Bright	58.000	120	1Del Oph	2.7340	3200.0	116	46456	No
79	GOM_NL__2PRFIN20110118_060249_000000543098_00321_46456_9017.N1	18-JAN-2011 06:02:49	Tw_i_and_stray	53.500	104	27Bet Lib	2.6140	13100.	107	46456	No
80	GOM_NL__2PRFIN20110118_060433_000000453098_00321_46456_9018.N1	18-JAN-2011 06:04:33	Tw_i_and_stray	45.000	80	7Del Sco	2.3160	30000.	90	46456	No
81	GOM_NL__2PRFIN20110118_060614_000000553098_00321_46456_9019.N1	18-JAN-2011 06:06:14	Dark	54.500	122	9Alp2Lib	2.7470	9700.0	109	46456	No
82	GOM_NL__2PRFIN20110118_061000_000000413098_00321_46456_9020.N1	18-JAN-2011 06:10:00	Dark	40.500	131	Gam Lup	2.8000	26000.	81	46456	No
83	GOM_NL__2PRFIN20110118_061150_000000433098_00321_46456_9021.N1	18-JAN-2011 06:11:50	Dark	42.500	109	Bet Lup	2.6770	26000.	85	46456	No
84	GOM_NL__2PRFIN20110118_061324_000000563098_00321_46456_9022.N1	18-JAN-2011 06:13:24	Dark	55.500	54	5The Cen	2.0550	4500.0	111	46456	No
85	GOM_NL__2PRFIN20110118_061528_000000453098_00322_46457_9007.N1	18-JAN-2011 06:15:28	Dark	44.500	95	Zet Cen	2.5450	26000.	89	46457	No
86	GOM_NL__2PRFIN20110118_061652_000000413098_00322_46457_9008.N1	18-JAN-2011 06:16:52	Dark	41.000	77	Eps Cen	2.3030	28000.	82	46457	No
87	GOM_NL__2PRFIN20110118_062012_000000413098_00322_46457_9009.N1	18-JAN-2011 06:20:12	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	46457	No
88	GOM_NL__2PRFIN20110118_062530_000000483098_00322_46457_9010.N1	18-JAN-2011 06:25:30	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	46457	No
89	GOM_NL__2PRFIN20110118_062725_000000413098_00322_46457_9011.N1	18-JAN-2011 06:27:25	Dark	40.500	91	Kap Vel	2.4900	26000.	81	46457	No
90	GOM_NL__2PRFIN20110118_063109_000000403098_00322_46457_9012.N1	18-JAN-2011 06:31:09	Dark	39.500	34	Gam2Vel	1.7930	23000.	79	46457	No
91	GOM_NL__2PRFIN20110118_063316_000000403098_00322_46457_9013.N1	18-JAN-2011 06:33:16	Dark	40.000	70	Zet Pup	2.2460	39000.	80	46457	No
92	GOM_NL__2PRFIN20110118_063658_000000443098_00322_46457_9014.N1	18-JAN-2011 06:36:58	Straylight	43.500	88	31Eta CMa	2.4480	20000.	87	46457	No
93	GOM_NL__2PRFIN20110118_064728_000000513098_00322_46457_9015.N1	18-JAN-2011 06:47:28	Tw_i_and_stray	51.000	8	10Alp CMi	0.40000	6500.0	102	46457	No
94	GOM_NL__2PRFIN20110118_065028_000000523098_00322_46457_9016.N1	18-JAN-2011 06:50:28	Bright	51.500	44	24Gam Gem	1.9280	11000.	103	46457	No
95	GOM_NL__2PRFIN20110118_065301_000000393098_00322_46457_9017.N1	18-JAN-2011 06:53:01	Bright	39.000	170	27Eps Gem	3.0000	9700.0	78	46457	No
96	GOM_NL__2PRFIN20110118_065447_000000463098_00322_46457_9018.N1	18-JAN-2011 06:54:47	Bright	46.000	17	78Bet Gem	1.1610	4500.0	92	46457	No
97	GOM_NL__2PRFIN20110118_071058_000000373098_00322_46457_9019.N1	18-JAN-2011 07:10:58	Bright	37.000	36	50Alp UMa	1.8000	6300.0	74	46457	No
98	GOM_NL__2PRFIN20110118_071451_000000363098_00322_46457_9020.N1	18-JAN-2011 07:14:51	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	46457	No
99	GOM_NL__2PRFIN20110118_071915_000000393098_00322_46457_9021.N1	18-JAN-2011 07:19:15	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46457	No
100	GOM_NL__2PRFIN20110118_072813_000000563098_00322_46457_9022.N1	18-JAN-2011 07:28:13	Bright	56.000	133	40Zet Her	2.8070	6000.0	112	46457	No
101	GOM_NL__2PRFIN20110118_073029_000000663098_00322_46457_9023.N1	18-JAN-2011 07:30:29	Bright	66.000	67	5Alp CrB	2.2210	11000.	132	46457	No

102	GOM_NL__2PRFIN20110118_073704_000000653098_00322_46457_9024.N1	18-JAN-2011 07:37:04	Bright	65.000	102	24Alp Ser	2.6000	4250.0	130	46457	No
103	GOM_NL__2PRFIN20110118_073909_000000583098_00322_46457_9025.N1	18-JAN-2011 07:39:09	Bright	58.000	120	1Del Oph	2.7340	3200.0	116	46457	No
104	GOM_NL__2PRFIN20110118_074305_000000523098_00322_46457_9026.N1	18-JAN-2011 07:43:05	Tw_i_and_stray	51.500	104	27Bet Lib	2.6140	13100.	103	46457	No
105	GOM_NL__2PRFIN20110118_074447_000000473098_00322_46457_9027.N1	18-JAN-2011 07:44:47	Tw_i_and_stray	47.000	80	7Del Sco	2.3160	30000.	94	46457	No
106	GOM_NL__2PRFIN20110118_074629_000000523098_00322_46457_9028.N1	18-JAN-2011 07:46:29	Dark	52.000	122	9Alp2Lib	2.7470	9700.0	104	46457	No
107	GOM_NL__2PRFIN20110118_075015_000000403098_00322_46457_9029.N1	18-JAN-2011 07:50:15	Dark	39.500	131	Gam Lup	2.8000	26000.	79	46457	No
108	GOM_NL__2PRFIN20110118_075205_000000423098_00322_46457_9030.N1	18-JAN-2011 07:52:05	Dark	41.500	109	Bet Lup	2.6770	26000.	83	46457	No
109	GOM_NL__2PRFIN20110118_075339_000000563098_00322_46457_9031.N1	18-JAN-2011 07:53:39	Dark	55.500	54	5The Cen	2.0550	4500.0	111	46457	No
110	GOM_NL__2PRFIN20110118_075543_000000463098_00323_46458_9033.N1	18-JAN-2011 07:55:43	Dark	45.500	95	Zet Cen	2.5450	26000.	91	46458	No
111	GOM_NL__2PRFIN20110118_075707_000000433098_00323_46458_9034.N1	18-JAN-2011 07:57:07	Dark	42.500	77	Eps Cen	2.3030	28000.	85	46458	No
112	GOM_NL__2PRFIN20110118_080026_000000513098_00323_46458_9035.N1	18-JAN-2011 08:00:26	Dark	51.000	12	Alp1Cru	0.77500	30000.	102	46458	No
113	GOM_NL__2PRFIN20110118_080545_000000463098_00323_46458_9036.N1	18-JAN-2011 08:05:45	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	46458	No
114	GOM_NL__2PRFIN20110118_080740_000000403098_00323_46458_9037.N1	18-JAN-2011 08:07:40	Dark	39.500	91	Kap Vel	2.4900	26000.	79	46458	No
115	GOM_NL__2PRFIN20110118_081123_000000433098_00323_46458_9038.N1	18-JAN-2011 08:11:23	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	46458	No
116	GOM_NL__2PRFIN20110118_081330_000000443098_00323_46458_9039.N1	18-JAN-2011 08:13:30	Dark	43.500	70	Zet Pup	2.2460	39000.	87	46458	No
117	GOM_NL__2PRFIN20110118_081712_000000423098_00323_46458_9040.N1	18-JAN-2011 08:17:12	Straylight	41.500	88	31Eta CMa	2.4480	20000.	83	46458	No
118	GOM_NL__2PRFIN20110118_082742_000000603098_00323_46458_9148.N1	18-JAN-2011 08:27:42	Tw_i_and_stray	60.000	8	10Alp CMi	0.40000	6500.0	120	46458	No
119	GOM_NL__2PRFIN20110118_083042_000000423098_00323_46458_9149.N1	18-JAN-2011 08:30:42	Bright	41.500	44	24Gam Gem	1.9280	11000.	83	46458	No
120	GOM_NL__2PRFIN20110118_083315_000000393098_00323_46458_9150.N1	18-JAN-2011 08:33:15	Bright	39.000	170	27Eps Gem	3.0000	9700.0	78	46458	No
121	GOM_NL__2PRFIN20110118_083501_000000463098_00323_46458_9151.N1	18-JAN-2011 08:35:01	Bright	46.000	17	78Bet Gem	1.1610	4500.0	92	46458	No
122	GOM_NL__2PRFIN20110118_085111_000000383098_00323_46458_9152.N1	18-JAN-2011 08:51:11	Bright	38.000	36	50Alp UMa	1.8000	6300.0	76	46458	No
123	GOM_NL__2PRFIN20110118_085505_000000403098_00323_46458_9153.N1	18-JAN-2011 08:55:05	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46458	No
124	GOM_NL__2PRFIN20110118_085929_000000553098_00323_46458_9154.N1	18-JAN-2011 08:59:29	Bright	55.000	119	14Eta Dra	2.7270	4700.0	110	46458	No
125	GOM_NL__2PRFIN20110118_090827_000000563098_00323_46458_9155.N1	18-JAN-2011 09:08:27	Bright	56.000	133	40Zet Her	2.8070	6000.0	112	46458	No
126	GOM_NL__2PRFIN20110118_091043_000000663098_00323_46458_9156.N1	18-JAN-2011 09:10:43	Bright	66.000	67	5Alp CrB	2.2210	11000.	132	46458	No
127	GOM_NL__2PRFIN20110118_091718_000000653098_00323_46458_9157.N1	18-JAN-2011 09:17:18	Bright	65.000	102	24Alp Ser	2.6000	4250.0	130	46458	No
128	GOM_NL__2PRFIN20110118_091923_000000583098_00323_46458_9158.N1	18-JAN-2011 09:19:23	Bright	58.000	120	1Del Oph	2.7340	3200.0	116	46458	No
129	GOM_NL__2PRFIN20110118_092320_000000503098_00323_46458_9159.N1	18-JAN-2011 09:23:20	Tw_i_and_stray	49.500	104	27Bet Lib	2.6140	13100.	99	46458	No
130	GOM_NL__2PRFIN20110118_092502_000000493098_00323_46458_9160.N1	18-JAN-2011 09:25:02	Tw_i_and_stray	49.000	80	7Del Sco	2.3160	30000.	98	46458	No
131	GOM_NL__2PRFIN20110118_092644_000000533098_00323_46458_9161.N1	18-JAN-2011 09:26:44	Dark	52.500	122	9Alp2Lib	2.7470	9700.0	105	46458	No
132	GOM_NL__2PRFIN20110118_093029_000000413098_00323_46458_9162.N1	18-JAN-2011 09:30:29	Dark	40.500	131	Gam Lup	2.8000	26000.	81	46458	No
133	GOM_NL__2PRFIN20110118_093219_000000443098_00323_46458_9163.N1	18-JAN-2011 09:32:19	Dark	43.500	109	Bet Lup	2.6770	26000.	87	46458	No
134	GOM_NL__2PRFIN20110118_093354_000000503098_00323_46458_9164.N1	18-JAN-2011 09:33:54	Dark	50.000	54	5The Cen	2.0550	4500.0	100	46458	No
135	GOM_NL__2PRFIN20110118_111612_000000433098_00325_46460_9210.N1	18-JAN-2011 11:16:12	Dark	43.000	95	Zet Cen	2.5450	26000.	86	46460	No
136	GOM_NL__2PRFIN20110118_111736_000000423098_00325_46460_9211.N1	18-JAN-2011 11:17:36	Dark	41.500	77	Eps Cen	2.3030	28000.	83	46460	No
137	GOM_NL__2PRFIN20110118_112056_000000413098_00325_46460_9212.N1	18-JAN-2011 11:20:56	Dark	41.000	12	Alp1Cru	0.77500	30000.	82	46460	No
138	GOM_NL__2PRFIN20110118_112614_000000473098_00325_46460_9213.N1	18-JAN-2011 11:26:14	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46460	No
139	GOM_NL__2PRFIN20110118_112809_000000413098_00325_46460_9214.N1	18-JAN-2011 11:28:09	Dark	40.500	91	Kap Vel	2.4900	26000.	81	46460	No
140	GOM_NL__2PRFIN20110118_113127_000000513098_00325_46460_9215.N1	18-JAN-2011 11:31:27	Dark	50.500	65	Lam Vel	2.2040	4400.0	101	46460	No
141	GOM_NL__2PRFIN20110118_113359_000000453098_00325_46460_9216.N1	18-JAN-2011 11:33:59	Dark	44.500	70	Zet Pup	2.2460	39000.	89	46460	No
142	GOM_NL__2PRFIN20110118_113741_000000413098_00325_46460_9217.N1	18-JAN-2011 11:37:41	Straylight	41.000	88	31Eta CMa	2.4480	20000.	82	46460	No
143	GOM_NL__2PRFIN20110118_114809_000000553098_00325_46460_9218.N1	18-JAN-2011 11:48:09	Tw_i_and_stray	54.500	8	10Alp CMi	0.40000	6500.0	109	46460	No
144	GOM_NL__2PRFIN20110118_115110_000000533098_00325_46460_9219.N1	18-JAN-2011 11:51:10	Bright	53.000	44	24Gam Gem	1.9280	11000.	106	46460	No
145	GOM_NL__2PRFIN20110118_115342_000000413098_00325_46460_9220.N1	18-JAN-2011 11:53:42	Bright	40.500	170	27Eps Gem	3.0000	9700.0	81	46460	No
146	GOM_NL__2PRFIN20110118_115528_000000483098_00325_46460_9221.N1	18-JAN-2011 11:55:28	Bright	47.500	17	78Bet Gem	1.1610	4500.0	95	46460	No
147	GOM_NL__2PRFIN20110118_121137_000000393098_00325_46460_9222.N1	18-JAN-2011 12:11:37	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	46460	No
148	GOM_NL__2PRFIN20110118_121533_000000403098_00325_46460_9223.N1	18-JAN-2011 12:15:33	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46460	No
149	GOM_NL__2PRFIN20110118_121956_000000363098_00325_46460_9224.N1	18-JAN-2011 12:19:56	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	46460	No
150	GOM_NL__2PRFIN20110118_122855_000000563098_00325_46460_9225.N1	18-JAN-2011 12:28:55	Bright	56.000	133	40Zet Her	2.8070	6000.0	112	46460	No
151	GOM_NL__2PRFIN20110118_123112_000000443098_00325_46460_9226.N1	18-JAN-2011 12:31:12	Bright	43.500	67	5Alp CrB	2.2210	11000.	87	46460	No
152	GOM_NL__2PRFIN20110118_123747_000000483098_00325_46460_9227.N1	18-JAN-2011 12:37:47	Bright	47.500	102	24Alp Ser	2.6000	4250.0	95	46460	No
153	GOM_NL__2PRFIN20110118_123952_000000583098_00325_46460_9228.N1	18-JAN-2011 12:39:52	Bright	58.000	120	1Del Oph	2.7340	3200.0	116	46460	No
154	GOM_NL__2PRFIN20110118_124349_000000513098_00325_46460_9229.N1	18-JAN-2011 12:43:49	Tw_i_and_stray	50.500	104	27Bet Lib	2.6140	13100.	101	46460	No
155	GOM_NL__2PRFIN20110118_124531_000000483098_00325_46460_9230.N1	18-JAN-2011 12:45:31	Tw_i_and_stray	47.500	80	7Del Sco	2.3160	30000.	95	46460	No
156	GOM_NL__2PRFIN20110118_124715_000000523098_00325_46460_9231.N1	18-JAN-2011 12:47:15	Dark	52.000	122	9Alp2Lib	2.7470	9700.0	104	46460	No
157	GOM_NL__2PRFIN20110118_125058_000000423098_00325_46460_9232.N1	18-JAN-2011 12:50:58	Dark	41.500	131	Gam Lup	2.8000	26000.	83	46460	No
158	GOM_NL__2PRFIN20110118_125249_000000423098_00325_46460_9233.N1	18-JAN-2011 12:52:49	Dark	41.500	109	Bet Lup	2.6770	26000.	83	46460	No
159	GOM_NL__2PRFIN20110118_125424_000000513098_00325_46460_9234.N1	18-JAN-2011 12:54:24	Dark	51.000	54	5The Cen	2.0550	4500.0	102	46460	No
160	GOM_NL__2PRFIN20110118_125627_000000453098_00326_46461_9280.N1	18-JAN-2011 12:56:27	Dark	45.000	95	Zet Cen	2.5450	26000.	90	46461	No

161	GOM_NL__2PRFIN20110118_125751_000000423098_00326_46461_9281.N1	18-JAN-2011 12:57:51	Dark	42.000	77	Eps Cen	2.3030	28000.	84	46461	No
162	GOM_NL__2PRFIN20110118_130110_000000423098_00326_46461_9282.N1	18-JAN-2011 13:01:10	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	46461	No
163	GOM_NL__2PRFIN20110118_130629_000000543098_00326_46461_9283.N1	18-JAN-2011 13:06:29	Dark	53.500	113	Mu Vel	2.6920	5000.0	107	46461	No
164	GOM_NL__2PRFIN20110118_130823_000000393098_00326_46461_9284.N1	18-JAN-2011 13:08:23	Dark	39.000	91	Kap Vel	2.4900	26000.	78	46461	No
165	GOM_NL__2PRFIN20110118_131141_000000523098_00326_46461_9285.N1	18-JAN-2011 13:11:41	Dark	52.000	65	Lam Vel	2.2040	4400.0	104	46461	No
166	GOM_NL__2PRFIN20110118_131413_000000463098_00326_46461_9286.N1	18-JAN-2011 13:14:13	Dark	46.000	70	Zet Pup	2.2460	39000.	92	46461	No
167	GOM_NL__2PRFIN20110118_131755_000000403098_00326_46461_9287.N1	18-JAN-2011 13:17:55	Straylight	40.000	88	31Eta CMa	2.4480	20000.	80	46461	No
168	GOM_NL__2PRFIN20110118_132823_000000563098_00326_46461_9288.N1	18-JAN-2011 13:28:23	Tw_i_and_stray	55.500	8	10Alp CMi	0.40000	6500.0	111	46461	No
169	GOM_NL__2PRFIN20110118_133124_000000493098_00326_46461_9289.N1	18-JAN-2011 13:31:24	Bright	48.500	44	24Gam Gem	1.9280	11000.	97	46461	No
170	GOM_NL__2PRFIN20110118_133356_000000393098_00326_46461_9290.N1	18-JAN-2011 13:33:56	Bright	39.000	170	27Eps Gem	3.0000	9700.0	78	46461	No
171	GOM_NL__2PRFIN20110118_133542_000000473098_00326_46461_9291.N1	18-JAN-2011 13:35:42	Bright	46.500	17	78Bet Gem	1.1610	4500.0	93	46461	No
172	GOM_NL__2PRFIN20110118_135151_000000393098_00326_46461_9292.N1	18-JAN-2011 13:51:51	Bright	39.000	36	50Alp UMa	1.8000	6300.0	78	46461	No
173	GOM_NL__2PRFIN20110118_135547_000000383098_00326_46461_9293.N1	18-JAN-2011 13:55:47	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	46461	No
174	GOM_NL__2PRFIN20110118_140010_000000383098_00326_46461_9294.N1	18-JAN-2011 14:00:10	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	46461	No
175	GOM_NL__2PRFIN20110118_140909_000000563098_00326_46461_9295.N1	18-JAN-2011 14:09:09	Bright	56.000	133	40Zet Her	2.8070	6000.0	112	46461	No
176	GOM_NL__2PRFIN20110118_141126_000000663098_00326_46461_9296.N1	18-JAN-2011 14:11:26	Bright	66.000	67	5Alp CrB	2.2210	11000.	132	46461	No
177	GOM_NL__2PRFIN20110118_141802_000000463098_00326_46461_9297.N1	18-JAN-2011 14:18:02	Bright	46.000	102	24Alp Ser	2.6000	4250.0	92	46461	No
178	GOM_NL__2PRFIN20110118_142006_000000553098_00326_46461_9298.N1	18-JAN-2011 14:20:06	Bright	54.500	120	1Del Oph	2.7340	3200.0	109	46461	No
179	GOM_NL__2PRFIN20110118_142404_000000533098_00326_46461_9299.N1	18-JAN-2011 14:24:04	Tw_i_and_stray	53.000	104	27Bet Lib	2.6140	13100.	106	46461	No
180	GOM_NL__2PRFIN20110118_142545_000000473098_00326_46461_9300.N1	18-JAN-2011 14:25:45	Tw_i_and_stray	46.500	80	7Del Sco	2.3160	30000.	93	46461	No
181	GOM_NL__2PRFIN20110118_142730_000000553098_00326_46461_9301.N1	18-JAN-2011 14:27:30	Dark	55.000	122	9Alp2Lib	2.7470	9700.0	110	46461	No
182	GOM_NL__2PRFIN20110118_143113_000000403098_00326_46461_9302.N1	18-JAN-2011 14:31:13	Dark	39.500	131	Gam Lup	2.8000	26000.	79	46461	No
183	GOM_NL__2PRFIN20110118_143304_000000423098_00326_46461_9303.N1	18-JAN-2011 14:33:04	Dark	41.500	109	Bet Lup	2.6770	26000.	83	46461	No
184	GOM_NL__2PRFIN20110118_143439_000000523098_00326_46461_9304.N1	18-JAN-2011 14:34:39	Dark	51.500	54	5The Cen	2.0550	4500.0	103	46461	No
185	GOM_NL__2PRFIN20110118_143642_000000443098_00327_46462_9284.N1	18-JAN-2011 14:36:42	Dark	43.500	95	Zet Cen	2.5450	26000.	87	46462	No
186	GOM_NL__2PRFIN20110118_143806_000000433098_00327_46462_9285.N1	18-JAN-2011 14:38:06	Dark	42.500	77	Eps Cen	2.3030	28000.	85	46462	No
187	GOM_NL__2PRFIN20110118_144125_000000433098_00327_46462_9286.N1	18-JAN-2011 14:41:25	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	46462	No
188	GOM_NL__2PRFIN20110118_144644_000000463098_00327_46462_9287.N1	18-JAN-2011 14:46:44	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	46462	No
189	GOM_NL__2PRFIN20110118_144838_000000403098_00327_46462_9288.N1	18-JAN-2011 14:48:38	Dark	39.500	91	Kap Vel	2.4900	26000.	79	46462	No
190	GOM_NL__2PRFIN20110118_145156_000000513098_00327_46462_9289.N1	18-JAN-2011 14:51:56	Dark	50.500	65	Lam Vel	2.2040	4400.0	101	46462	No
191	GOM_NL__2PRFIN20110118_145428_000000453098_00327_46462_9290.N1	18-JAN-2011 14:54:28	Dark	45.000	70	Zet Pup	2.2460	39000.	90	46462	No
192	GOM_NL__2PRFIN20110118_145809_000000413098_00327_46462_9291.N1	18-JAN-2011 14:58:09	Straylight	41.000	88	31Eta CMa	2.4480	20000.	82	46462	No
193	GOM_NL__2PRFIN20110118_150837_000000553098_00327_46462_9292.N1	18-JAN-2011 15:08:37	Tw_i_and_stray	55.000	8	10Alp CMi	0.40000	6500.0	110	46462	No
194	GOM_NL__2PRFIN20110118_151138_000000523098_00327_46462_9293.N1	18-JAN-2011 15:11:38	Bright	51.500	44	24Gam Gem	1.9280	11000.	103	46462	No
195	GOM_NL__2PRFIN20110118_151410_000000403098_00327_46462_9294.N1	18-JAN-2011 15:14:10	Bright	40.000	170	27Eps Gem	3.0000	9700.0	80	46462	No
196	GOM_NL__2PRFIN20110118_151555_000000473098_00327_46462_9295.N1	18-JAN-2011 15:15:55	Bright	47.000	17	78Bet Gem	1.1610	4500.0	94	46462	No
197	GOM_NL__2PRFIN20110118_153204_000000403098_00327_46462_9296.N1	18-JAN-2011 15:32:04	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	46462	No
198	GOM_NL__2PRFIN20110118_153600_000000393098_00327_46462_9297.N1	18-JAN-2011 15:36:00	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46462	No
199	GOM_NL__2PRFIN20110118_154024_000000393098_00327_46462_9298.N1	18-JAN-2011 15:40:24	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46462	No
200	GOM_NL__2PRFIN20110118_154924_000000563098_00327_46462_9299.N1	18-JAN-2011 15:49:24	Bright	56.000	133	40Zet Her	2.8070	6000.0	112	46462	No
201	GOM_NL__2PRFIN20110118_155140_000000673098_00327_46462_9300.N1	18-JAN-2011 15:51:40	Bright	67.000	67	5Alp CrB	2.2210	11000.	134	46462	No
202	GOM_NL__2PRFIN20110118_155817_000000493098_00327_46462_9301.N1	18-JAN-2011 15:58:17	Bright	48.500	102	24Alp Ser	2.6000	4250.0	97	46462	No
203	GOM_NL__2PRFIN20110118_160021_000000583098_00327_46462_9302.N1	18-JAN-2011 16:00:21	Bright	58.000	120	1Del Oph	2.7340	3200.0	116	46462	No
204	GOM_NL__2PRFIN20110118_160419_000000533098_00327_46462_9303.N1	18-JAN-2011 16:04:19	Tw_i_and_stray	53.000	104	27Bet Lib	2.6140	13100.	106	46462	No
205	GOM_NL__2PRFIN20110118_160600_000000493098_00327_46462_9304.N1	18-JAN-2011 16:06:00	Tw_i_and_stray	48.500	80	7Del Sco	2.3160	30000.	97	46462	No
206	GOM_NL__2PRFIN20110118_160745_000000553098_00327_46462_9305.N1	18-JAN-2011 16:07:45	Dark	55.000	122	9Alp2Lib	2.7470	9700.0	110	46462	No
207	GOM_NL__2PRFIN20110118_161128_000000413098_00327_46462_9306.N1	18-JAN-2011 16:11:28	Dark	40.500	131	Gam Lup	2.8000	26000.	81	46462	No
208	GOM_NL__2PRFIN20110118_161319_000000423098_00327_46462_9307.N1	18-JAN-2011 16:13:19	Dark	41.500	109	Bet Lup	2.6770	26000.	83	46462	No
209	GOM_NL__2PRFIN20110118_161454_000000623098_00327_46462_9308.N1	18-JAN-2011 16:14:54	Dark	61.500	54	5The Cen	2.0550	4500.0	123	46462	No
210	GOM_NL__2PRFIN20110118_161657_000000453098_00328_46463_9319.N1	18-JAN-2011 16:16:57	Dark	45.000	95	Zet Cen	2.5450	26000.	90	46463	No
211	GOM_NL__2PRFIN20110118_161821_000000423098_00328_46463_9320.N1	18-JAN-2011 16:18:21	Dark	42.000	77	Eps Cen	2.3030	28000.	84	46463	No
212	GOM_NL__2PRFIN20110118_162139_000000453098_00328_46463_9321.N1	18-JAN-2011 16:21:39	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	46463	No
213	GOM_NL__2PRFIN20110118_162658_000000463098_00328_46463_9322.N1	18-JAN-2011 16:26:58	Dark	46.000	113	Mu Vel	2.6920	5000.0	92	46463	No
214	GOM_NL__2PRFIN20110118_162852_000000413098_00328_46463_9323.N1	18-JAN-2011 16:28:52	Dark	40.500	91	Kap Vel	2.4900	26000.	81	46463	No
215	GOM_NL__2PRFIN20110118_163210_000000513098_00328_46463_9324.N1	18-JAN-2011 16:32:10	Dark	51.000	65	Lam Vel	2.2040	4400.0	102	46463	No
216	GOM_NL__2PRFIN20110118_163442_000000433098_00328_46463_9325.N1	18-JAN-2011 16:34:42	Dark	42.500	70	Zet Pup	2.2460	39000.	85	46463	No
217	GOM_NL__2PRFIN20110118_163823_000000453098_00328_46463_9326.N1	18-JAN-2011 16:38:23	Straylight	45.000	88	31Eta CMa	2.4480	20000.	90	46463	No
218	GOM_NL__2PRFIN20110118_164851_000000523098_00328_46463_9327.N1	18-JAN-2011 16:48:51	Tw_i_and_stray	51.500	8	10Alp CMi	0.40000	6500.0	103	46463	No
219	GOM_NL__2PRFIN20110118_165152_000000483098_00328_46463_9328.N1	18-JAN-2011 16:51:52	Bright	47.500	44	24Gam Gem	1.9280	11000.	95	46463	No

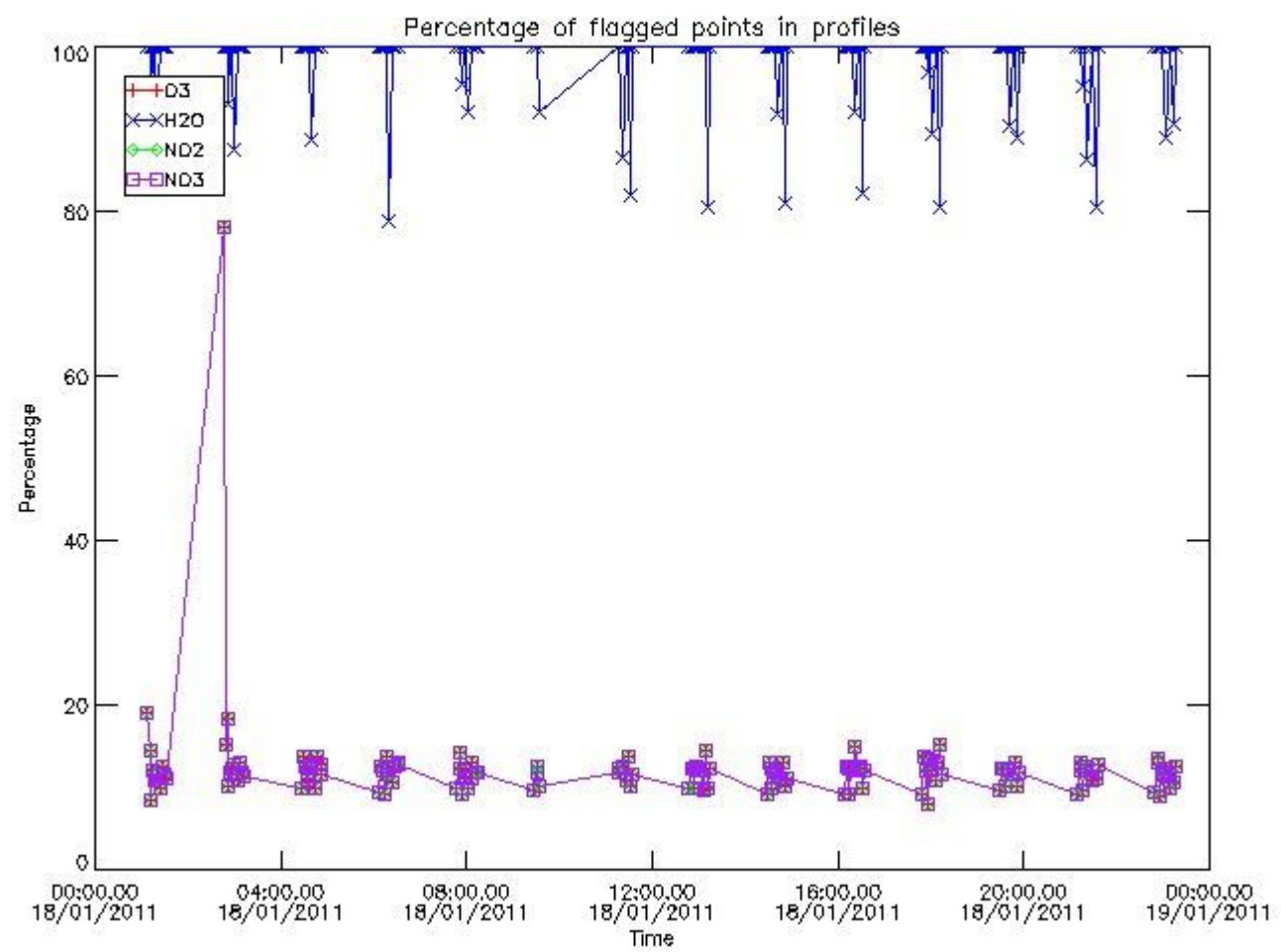
220	GOM_NL__2PRFIN20110118_165424_000000403098_00328_46463_9329.N1	18-JAN-2011 16:54:24	Bright	40.000	170	27Eps Gem	3.0000	9700.0	80	46463	No
221	GOM_NL__2PRFIN20110118_165609_000000473098_00328_46463_9330.N1	18-JAN-2011 16:56:09	Bright	46.500	17	78Bet Gem	1.1610	4500.0	93	46463	No
222	GOM_NL__2PRFIN20110118_171217_000000403098_00328_46463_9331.N1	18-JAN-2011 17:12:17	Bright	40.000	36	50Alp UMa	1.8000	6300.0	80	46463	No
223	GOM_NL__2PRFIN20110118_171614_000000413098_00328_46463_9332.N1	18-JAN-2011 17:16:14	Bright	41.000	60	7Bet UMi	2.0810	3950.0	82	46463	No
224	GOM_NL__2PRFIN20110118_172038_000000393098_00328_46463_9333.N1	18-JAN-2011 17:20:38	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	46463	No
225	GOM_NL__2PRFIN20110118_172938_000000533098_00328_46463_9334.N1	18-JAN-2011 17:29:38	Bright	52.500	133	40Zet Her	2.8070	6000.0	105	46463	No
226	GOM_NL__2PRFIN20110118_173155_000000673098_00328_46463_9335.N1	18-JAN-2011 17:31:55	Bright	67.000	67	5Alp CrB	2.2210	11000.	134	46463	No
227	GOM_NL__2PRFIN20110118_173831_000000653098_00328_46463_9336.N1	18-JAN-2011 17:38:31	Bright	65.000	102	24Alp Ser	2.6000	4250.0	130	46463	No
228	GOM_NL__2PRFIN20110118_174036_000000583098_00328_46463_9337.N1	18-JAN-2011 17:40:36	Bright	58.000	120	1Del Oph	2.7340	3200.0	116	46463	No
229	GOM_NL__2PRFIN20110118_174434_000000533098_00328_46463_9338.N1	18-JAN-2011 17:44:34	Twi_and_stray	52.500	104	27Bet Lib	2.6140	13100.	105	46463	No
230	GOM_NL__2PRFIN20110118_174615_000000483098_00328_46463_9339.N1	18-JAN-2011 17:46:15	Twi_and_stray	47.500	80	7Del Sco	2.3160	30000.	95	46463	No
231	GOM_NL__2PRFIN20110118_174800_000000553098_00328_46463_9340.N1	18-JAN-2011 17:48:00	Dark	55.000	122	9Alp2Lib	2.7470	9700.0	110	46463	No
232	GOM_NL__2PRFIN20110118_175142_000000413098_00328_46463_9341.N1	18-JAN-2011 17:51:42	Dark	40.500	131	Gam Lup	2.8000	26000.	81	46463	No
233	GOM_NL__2PRFIN20110118_175333_000000423098_00328_46463_9342.N1	18-JAN-2011 17:53:33	Dark	42.000	109	Bet Lup	2.6770	26000.	84	46463	No
234	GOM_NL__2PRFIN20110118_175510_000000643098_00328_46463_9343.N1	18-JAN-2011 17:55:10	Dark	63.500	54	5The Cen	2.0550	4500.0	127	46463	No
235	GOM_NL__2PRFIN20110118_175712_000000423098_00329_46464_9344.N1	18-JAN-2011 17:57:12	Dark	41.500	95	Zet Cen	2.5450	26000.	83	46464	No
236	GOM_NL__2PRFIN20110118_175835_000000433098_00329_46464_9345.N1	18-JAN-2011 17:58:35	Dark	42.500	77	Eps Cen	2.3030	28000.	85	46464	No
237	GOM_NL__2PRFIN20110118_180154_000000433098_00329_46464_9346.N1	18-JAN-2011 18:01:54	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	46464	No
238	GOM_NL__2PRFIN20110118_180713_000000483098_00329_46464_9347.N1	18-JAN-2011 18:07:13	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	46464	No
239	GOM_NL__2PRFIN20110118_180907_000000393098_00329_46464_9348.N1	18-JAN-2011 18:09:07	Dark	39.000	91	Kap Vel	2.4900	26000.	78	46464	No
240	GOM_NL__2PRFIN20110118_181225_000000573098_00329_46464_9349.N1	18-JAN-2011 18:12:25	Dark	57.000	65	Lam Vel	2.2040	4400.0	114	46464	No
241	GOM_NL__2PRFIN20110118_181456_000000453098_00329_46464_9350.N1	18-JAN-2011 18:14:56	Dark	44.500	70	Zet Pup	2.2460	39000.	89	46464	No
242	GOM_NL__2PRFIN20110118_181838_000000443098_00329_46464_9351.N1	18-JAN-2011 18:18:38	Straylight	43.500	88	31Eta CMa	2.4480	20000.	87	46464	No
243	GOM_NL__2PRFIN20110118_182904_000000563098_00329_46464_9352.N1	18-JAN-2011 18:29:04	Twi_and_stray	56.000	8	10Alp CMi	0.40000	6500.0	112	46464	No
244	GOM_NL__2PRFIN20110118_183206_000000533098_00329_46464_9353.N1	18-JAN-2011 18:32:06	Bright	53.000	44	24Gam Gem	1.9280	11000.	106	46464	No
245	GOM_NL__2PRFIN20110118_183438_000000413098_00329_46464_9354.N1	18-JAN-2011 18:34:38	Bright	40.500	170	27Eps Gem	3.0000	9700.0	81	46464	No
246	GOM_NL__2PRFIN20110118_183623_000000463098_00329_46464_9355.N1	18-JAN-2011 18:36:23	Bright	46.000	17	78Bet Gem	1.1610	4500.0	92	46464	No
247	GOM_NL__2PRFIN20110118_185230_000000413098_00329_46464_9356.N1	18-JAN-2011 18:52:30	Bright	41.000	36	50Alp UMa	1.8000	6300.0	82	46464	No
248	GOM_NL__2PRFIN20110118_185628_000000403098_00329_46464_9357.N1	18-JAN-2011 18:56:28	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	46464	No
249	GOM_NL__2PRFIN20110118_190052_000000393098_00329_46464_9358.N1	18-JAN-2011 19:00:52	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	46464	No
250	GOM_NL__2PRFIN20110118_190952_000000513098_00329_46464_9359.N1	18-JAN-2011 19:09:52	Bright	50.500	133	40Zet Her	2.8070	6000.0	101	46464	No
251	GOM_NL__2PRFIN20110118_191209_000000673098_00329_46464_9360.N1	18-JAN-2011 19:12:09	Bright	67.000	67	5Alp CrB	2.2210	11000.	134	46464	No
252	GOM_NL__2PRFIN20110118_191846_000000653098_00329_46464_9361.N1	18-JAN-2011 19:18:46	Bright	65.000	102	24Alp Ser	2.6000	4250.0	130	46464	No
253	GOM_NL__2PRFIN20110118_192050_000000583098_00329_46464_9362.N1	18-JAN-2011 19:20:50	Bright	58.000	120	1Del Oph	2.7340	3200.0	116	46464	No
254	GOM_NL__2PRFIN20110118_192449_000000523098_00329_46464_9363.N1	18-JAN-2011 19:24:49	Twi_and_stray	52.000	104	27Bet Lib	2.6140	13100.	104	46464	No
255	GOM_NL__2PRFIN20110118_192629_000000463098_00329_46464_9364.N1	18-JAN-2011 19:26:29	Twi_and_stray	45.500	80	7Del Sco	2.3160	30000.	91	46464	No
256	GOM_NL__2PRFIN20110118_192815_000000543098_00329_46464_9365.N1	18-JAN-2011 19:28:15	Dark	53.500	122	9Alp2Lib	2.7470	9700.0	107	46464	No
257	GOM_NL__2PRFIN20110118_193157_000000423098_00329_46464_9366.N1	18-JAN-2011 19:31:57	Dark	41.500	131	Gam Lup	2.8000	26000.	83	46464	No
258	GOM_NL__2PRFIN20110118_193348_000000423098_00329_46464_9367.N1	18-JAN-2011 19:33:48	Dark	41.500	109	Bet Lup	2.6770	26000.	83	46464	No
259	GOM_NL__2PRFIN20110118_193525_000000513098_00329_46464_9368.N1	18-JAN-2011 19:35:25	Dark	50.500	54	5The Cen	2.0550	4500.0	101	46464	No
260	GOM_NL__2PRFIN20110118_193727_000000443098_00330_46465_9356.N1	18-JAN-2011 19:37:27	Dark	44.000	95	Zet Cen	2.5450	26000.	88	46465	No
261	GOM_NL__2PRFIN20110118_193850_000000433098_00330_46465_9357.N1	18-JAN-2011 19:38:50	Dark	42.500	77	Eps Cen	2.3030	28000.	85	46465	No
262	GOM_NL__2PRFIN20110118_194208_000000423098_00330_46465_9358.N1	18-JAN-2011 19:42:08	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	46465	No
263	GOM_NL__2PRFIN20110118_194728_000000443098_00330_46465_9359.N1	18-JAN-2011 19:47:28	Dark	44.000	113	Mu Vel	2.6920	5000.0	88	46465	No
264	GOM_NL__2PRFIN20110118_194921_000000393098_00330_46465_9360.N1	18-JAN-2011 19:49:21	Dark	39.000	91	Kap Vel	2.4900	26000.	78	46465	No
265	GOM_NL__2PRFIN20110118_195239_000000503098_00330_46465_9361.N1	18-JAN-2011 19:52:39	Dark	50.000	65	Lam Vel	2.2040	4400.0	100	46465	No
266	GOM_NL__2PRFIN20110118_195511_000000443098_00330_46465_9362.N1	18-JAN-2011 19:55:11	Dark	43.500	70	Zet Pup	2.2460	39000.	87	46465	No
267	GOM_NL__2PRFIN20110118_195852_000000403098_00330_46465_9363.N1	18-JAN-2011 19:58:52	Straylight	40.000	88	31Eta CMa	2.4480	20000.	80	46465	No
268	GOM_NL__2PRFIN20110118_200918_000000553098_00330_46465_9364.N1	18-JAN-2011 20:09:18	Twi_and_stray	54.500	8	10Alp CMi	0.40000	6500.0	109	46465	No
269	GOM_NL__2PRFIN20110118_201220_000000533098_00330_46465_9365.N1	18-JAN-2011 20:12:20	Bright	53.000	44	24Gam Gem	1.9280	11000.	106	46465	No
270	GOM_NL__2PRFIN20110118_201452_000000393098_00330_46465_9366.N1	18-JAN-2011 20:14:52	Bright	39.000	170	27Eps Gem	3.0000	9700.0	78	46465	No
271	GOM_NL__2PRFIN20110118_201636_000000463098_00330_46465_9367.N1	18-JAN-2011 20:16:36	Bright	46.000	17	78Bet Gem	1.1610	4500.0	92	46465	No
272	GOM_NL__2PRFIN20110118_203244_000000413098_00330_46465_9368.N1	18-JAN-2011 20:32:44	Bright	41.000	36	50Alp UMa	1.8000	6300.0	82	46465	No
273	GOM_NL__2PRFIN20110118_203642_000000373098_00330_46465_9369.N1	18-JAN-2011 20:36:42	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	46465	No
274	GOM_NL__2PRFIN20110118_204106_000000393098_00330_46465_9370.N1	18-JAN-2011 20:41:06	Bright	39.000	119	14Eta Dra	2.7270	4700.0	78	46465	No
275	GOM_NL__2PRFIN20110118_205006_000000383098_00330_46465_9371.N1	18-JAN-2011 20:50:06	Bright	37.500	133	40Zet Her	2.8070	6000.0	75	46465	No
276	GOM_NL__2PRFIN20110118_205223_000000563098_00330_46465_9372.N1	18-JAN-2011 20:52:23	Bright	56.000	67	5Alp CrB	2.2210	11000.	112	46465	No
277	GOM_NL__2PRFIN20110118_205900_000000473098_00330_46465_9373.N1	18-JAN-2011 20:59:00	Bright	46.500	102	24Alp Ser	2.6000	4250.0	93	46465	No
278	GOM_NL__2PRFIN20110118_210105_000000533098_00330_46465_9374.N1	18-JAN-2011 21:01:05	Bright	53.000	120	1Del Oph	2.7340	3200.0	106	46465	No

279	GOM_NL__2PRFIN20110118_210504_000000513098_00330_46465_9375.N1	18-JAN-2011 21:05:04	Twilight	51.000	104	27Bet Lib	2.6140	13100.	102	46465	No
280	GOM_NL__2PRFIN20110118_210644_000000483098_00330_46465_9376.N1	18-JAN-2011 21:06:44	Twilight	47.500	80	7Del Sco	2.3160	30000.	95	46465	No
281	GOM_NL__2PRFIN20110118_210831_000000563098_00330_46465_9377.N1	18-JAN-2011 21:08:31	Dark	56.000	122	9Alp2Lib	2.7470	9700.0	112	46465	No
282	GOM_NL__2PRFIN20110118_211212_000000403098_00330_46465_9378.N1	18-JAN-2011 21:12:12	Dark	39.500	131	Gam Lup	2.8000	26000.	79	46465	No
283	GOM_NL__2PRFIN20110118_211403_000000423098_00330_46465_9379.N1	18-JAN-2011 21:14:03	Dark	42.000	109	Bet Lup	2.6770	26000.	84	46465	No
284	GOM_NL__2PRFIN20110118_211540_000000533098_00330_46465_9380.N1	18-JAN-2011 21:15:40	Dark	52.500	54	5The Cen	2.0550	4500.0	105	46465	No
285	GOM_NL__2PRFIN20110118_211742_000000453098_00331_46466_9390.N1	18-JAN-2011 21:17:42	Dark	44.500	95	Zet Cen	2.5450	26000.	89	46466	No
286	GOM_NL__2PRFIN20110118_211905_000000433098_00331_46466_9391.N1	18-JAN-2011 21:19:05	Dark	42.500	77	Eps Cen	2.3030	28000.	85	46466	No
287	GOM_NL__2PRFIN20110118_212223_000000413098_00331_46466_9392.N1	18-JAN-2011 21:22:23	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	46466	No
288	GOM_NL__2PRFIN20110118_212743_000000483098_00331_46466_9393.N1	18-JAN-2011 21:27:43	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	46466	No
289	GOM_NL__2PRFIN20110118_212936_000000423098_00331_46466_9394.N1	18-JAN-2011 21:29:36	Dark	42.000	91	Kap Vel	2.4900	26000.	84	46466	No
290	GOM_NL__2PRFIN20110118_213254_000000553098_00331_46466_9395.N1	18-JAN-2011 21:32:54	Dark	54.500	65	Lam Vel	2.2040	4400.0	109	46466	No
291	GOM_NL__2PRFIN20110118_213525_000000443098_00331_46466_9396.N1	18-JAN-2011 21:35:25	Dark	44.000	70	Zet Pup	2.2460	39000.	88	46466	No
292	GOM_NL__2PRFIN20110118_213906_000000423098_00331_46466_9397.N1	18-JAN-2011 21:39:06	Straylight	42.000	88	31Eta CMa	2.4480	20000.	84	46466	No
293	GOM_NL__2PRFIN20110118_214932_000000603098_00331_46466_9398.N1	18-JAN-2011 21:49:32	Twilight	60.000	8	10Alp CMi	0.40000	6500.0	120	46466	No
294	GOM_NL__2PRFIN20110118_215234_000000473098_00331_46466_9399.N1	18-JAN-2011 21:52:34	Bright	47.000	44	24Gam Gem	1.9280	11000.	94	46466	No
295	GOM_NL__2PRFIN20110118_215506_000000393098_00331_46466_9400.N1	18-JAN-2011 21:55:06	Bright	38.500	170	27Eps Gem	3.0000	9700.0	77	46466	No
296	GOM_NL__2PRFIN20110118_215650_000000473098_00331_46466_9401.N1	18-JAN-2011 21:56:50	Bright	46.500	17	78Bet Gem	1.1610	4500.0	93	46466	No
297	GOM_NL__2PRFIN20110118_221257_000000423098_00331_46466_9402.N1	18-JAN-2011 22:12:57	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	46466	No
298	GOM_NL__2PRFIN20110118_221656_000000393098_00331_46466_9403.N1	18-JAN-2011 22:16:56	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46466	No
299	GOM_NL__2PRFIN20110118_222120_000000393098_00331_46466_9404.N1	18-JAN-2011 22:21:20	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46466	No
300	GOM_NL__2PRFIN20110118_223020_000000383098_00331_46466_9405.N1	18-JAN-2011 22:30:20	Bright	38.000	133	40Zet Her	2.8070	6000.0	76	46466	No
301	GOM_NL__2PRFIN20110118_223237_000000463098_00331_46466_9406.N1	18-JAN-2011 22:32:37	Bright	46.000	67	5Alp CrB	2.2210	11000.	92	46466	No
302	GOM_NL__2PRFIN20110118_223915_000000653098_00331_46466_9407.N1	18-JAN-2011 22:39:15	Bright	65.000	102	24Alp Ser	2.6000	4250.0	130	46466	No
303	GOM_NL__2PRFIN20110118_224119_000000583098_00331_46466_9408.N1	18-JAN-2011 22:41:19	Bright	58.000	120	1Del Oph	2.7340	3200.0	116	46466	No
304	GOM_NL__2PRFIN20110118_224519_000000513098_00331_46466_9409.N1	18-JAN-2011 22:45:19	Twilight	50.500	104	27Bet Lib	2.6140	13100.	101	46466	No
305	GOM_NL__2PRFIN20110118_224658_000000443098_00331_46466_9410.N1	18-JAN-2011 22:46:58	Twilight	44.000	80	7Del Sco	2.3160	30000.	88	46466	No
306	GOM_NL__2PRFIN20110118_224846_000000553098_00331_46466_9411.N1	18-JAN-2011 22:48:46	Dark	54.500	122	9Alp2Lib	2.7470	9700.0	109	46466	No
307	GOM_NL__2PRFIN20110118_225226_000000403098_00331_46466_9412.N1	18-JAN-2011 22:52:26	Dark	39.500	131	Gam Lup	2.8000	26000.	79	46466	No
308	GOM_NL__2PRFIN20110118_225417_000000423098_00331_46466_9413.N1	18-JAN-2011 22:54:17	Dark	41.500	109	Bet Lup	2.6770	26000.	83	46466	No
309	GOM_NL__2PRFIN20110118_225555_000000623098_00331_46466_9414.N1	18-JAN-2011 22:55:55	Dark	62.000	54	5The Cen	2.0550	4500.0	124	46466	No
310	GOM_NL__2PRFIN20110118_225756_000000453098_00332_46467_9437.N1	18-JAN-2011 22:57:56	Dark	44.500	95	Zet Cen	2.5450	26000.	89	46467	No
311	GOM_NL__2PRFIN20110118_225919_000000433098_00332_46467_9438.N1	18-JAN-2011 22:59:19	Dark	43.000	77	Eps Cen	2.3030	28000.	86	46467	No
312	GOM_NL__2PRFIN20110118_230237_000000423098_00332_46467_9439.N1	18-JAN-2011 23:02:37	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	46467	No
313	GOM_NL__2PRFIN20110118_230757_000000523098_00332_46467_9440.N1	18-JAN-2011 23:07:57	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	46467	No
314	GOM_NL__2PRFIN20110118_230950_000000453098_00332_46467_9441.N1	18-JAN-2011 23:09:50	Dark	44.500	91	Kap Vel	2.4900	26000.	89	46467	No
315	GOM_NL__2PRFIN20110118_231308_000000483098_00332_46467_9442.N1	18-JAN-2011 23:13:08	Dark	48.000	65	Lam Vel	2.2040	4400.0	96	46467	No
316	GOM_NL__2PRFIN20110118_231539_000000413098_00332_46467_9443.N1	18-JAN-2011 23:15:39	Dark	40.500	70	Zet Pup	2.2460	39000.	81	46467	No
317	GOM_NL__2PRFIN20110118_231920_000000423098_00332_46467_9444.N1	18-JAN-2011 23:19:20	Straylight	42.000	88	31Eta CMa	2.4480	20000.	84	46467	No
318	GOM_NL__2PRFIN20110118_232946_000000573098_00332_46467_9445.N1	18-JAN-2011 23:29:46	Twilight	56.500	8	10Alp CMi	0.40000	6500.0	113	46467	No
319	GOM_NL__2PRFIN20110118_233248_000000533098_00332_46467_9446.N1	18-JAN-2011 23:32:48	Bright	53.000	44	24Gam Gem	1.9280	11000.	106	46467	No
320	GOM_NL__2PRFIN20110118_233520_000000403098_00332_46467_9447.N1	18-JAN-2011 23:35:20	Bright	39.500	170	27Eps Gem	3.0000	9700.0	79	46467	No
321	GOM_NL__2PRFIN20110118_233703_000000463098_00332_46467_9448.N1	18-JAN-2011 23:37:03	Bright	46.000	17	78Bet Gem	1.1610	4500.0	92	46467	No
322	GOM_NL__2PRFIN20110118_235310_000000423098_00332_46467_9449.N1	18-JAN-2011 23:53:10	Bright	42.000	36	50Alp UMa	1.8000	6300.0	84	46467	No
323	GOM_NL__2PRFIN20110118_235709_000000353098_00332_46467_9450.N1	18-JAN-2011 23:57:09	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	46467	No

3. Quality information per product

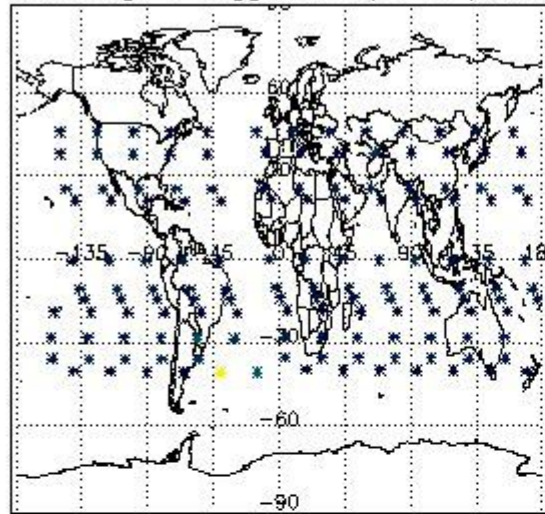
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

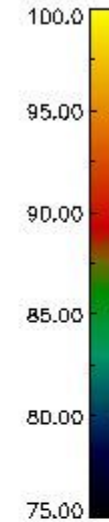
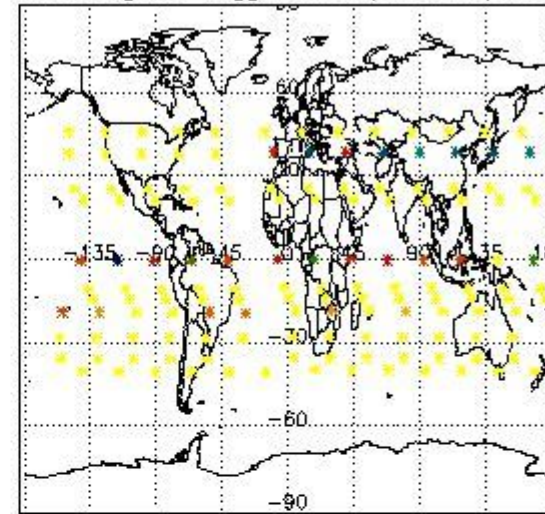


3.2 Plot quality information per product (world map)

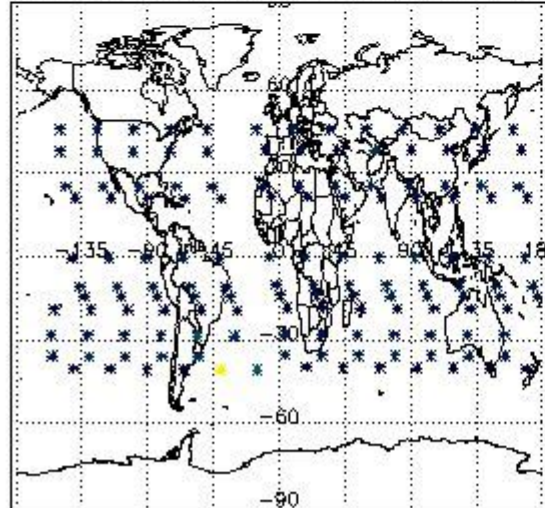
Percentage of flagged data per O3 profile



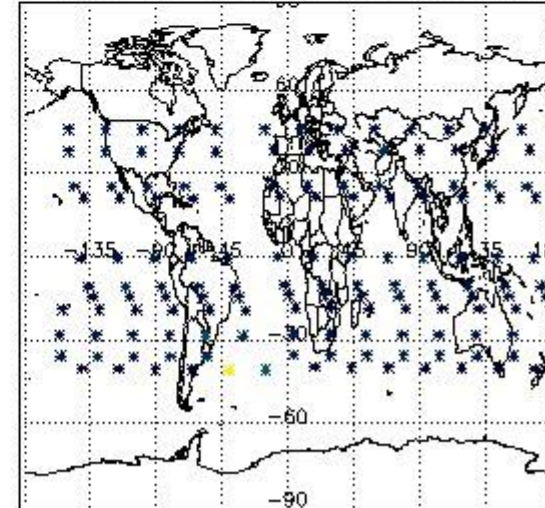
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

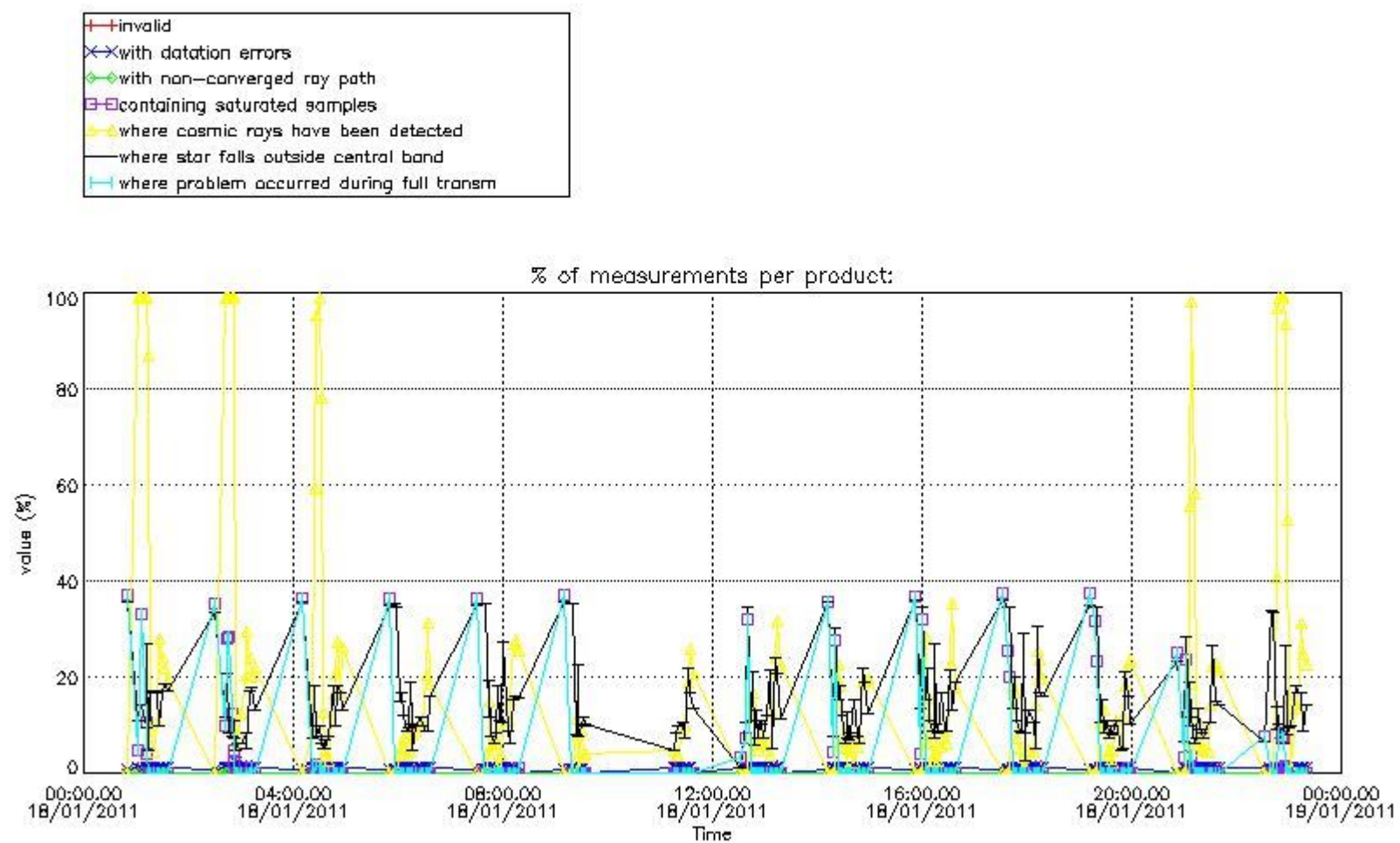


4. Level 1 quality information per product

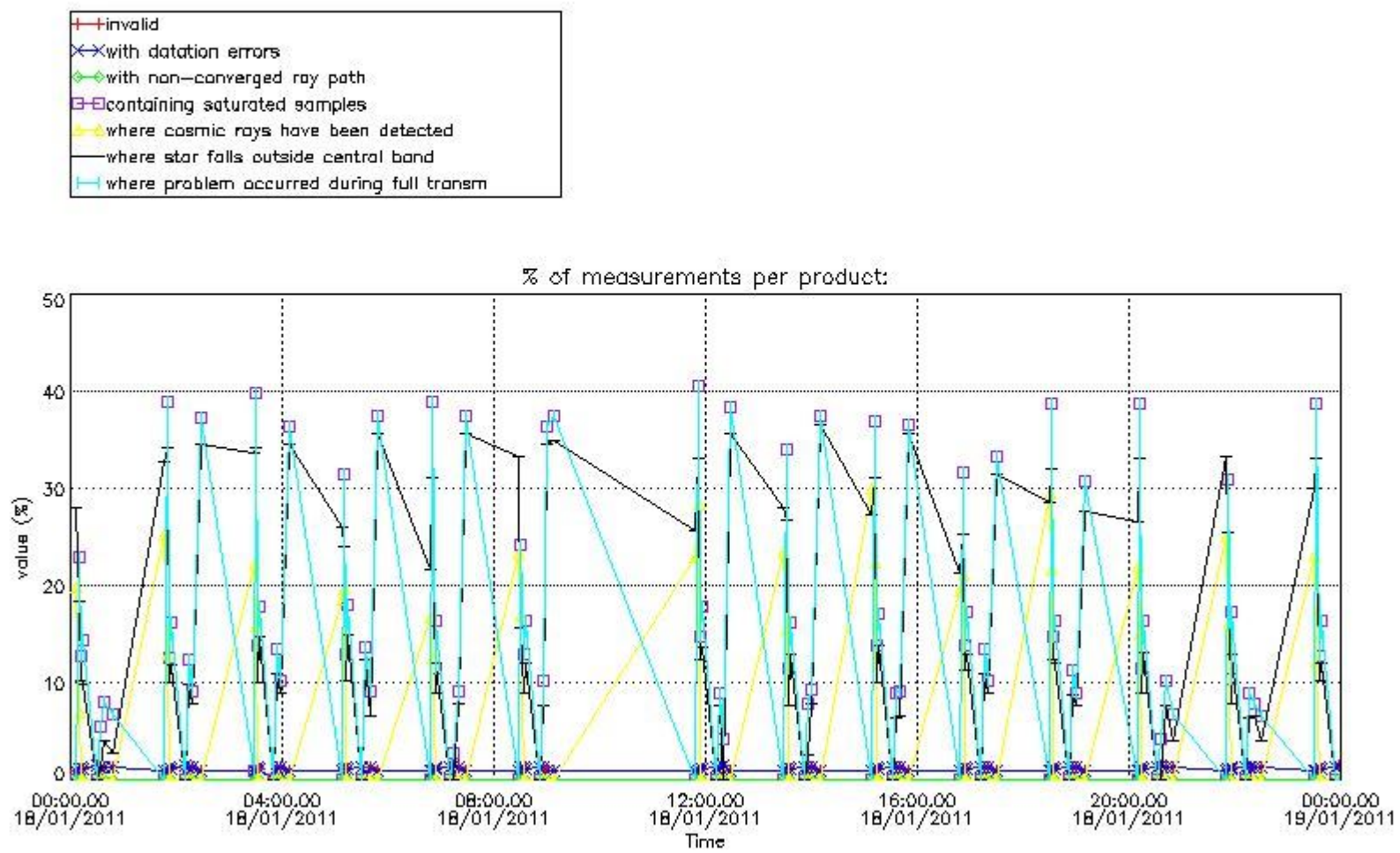
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

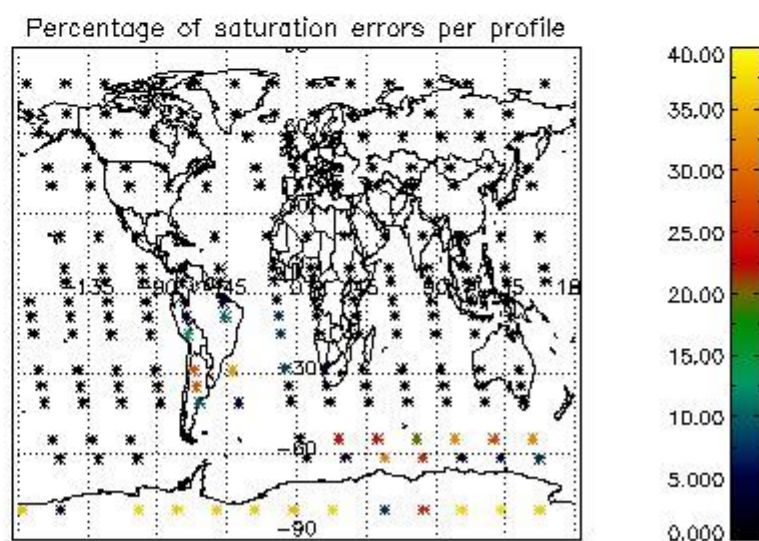
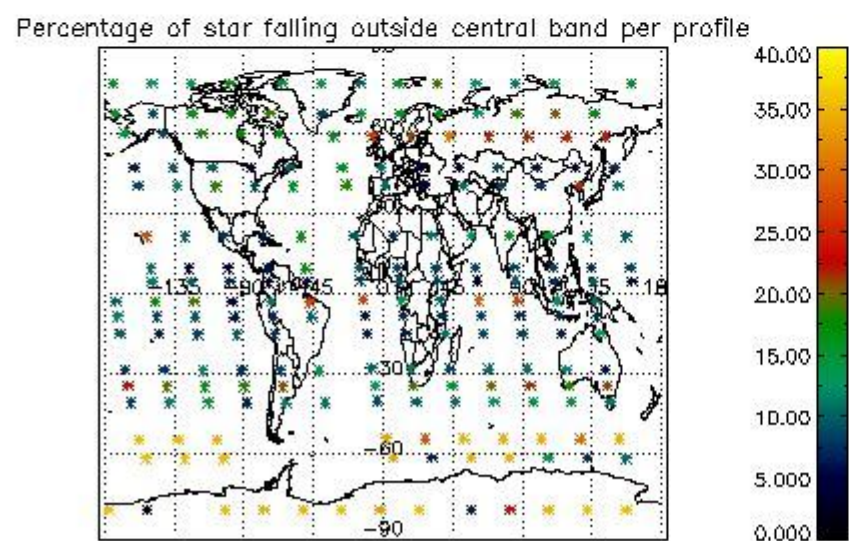
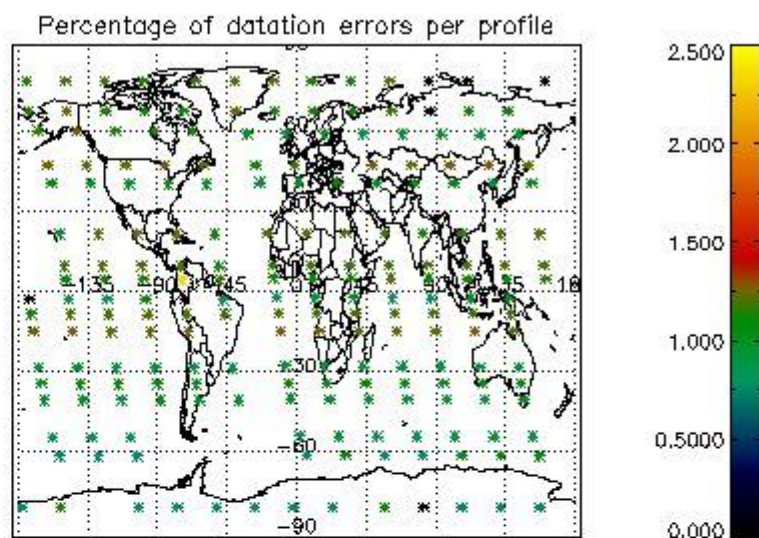
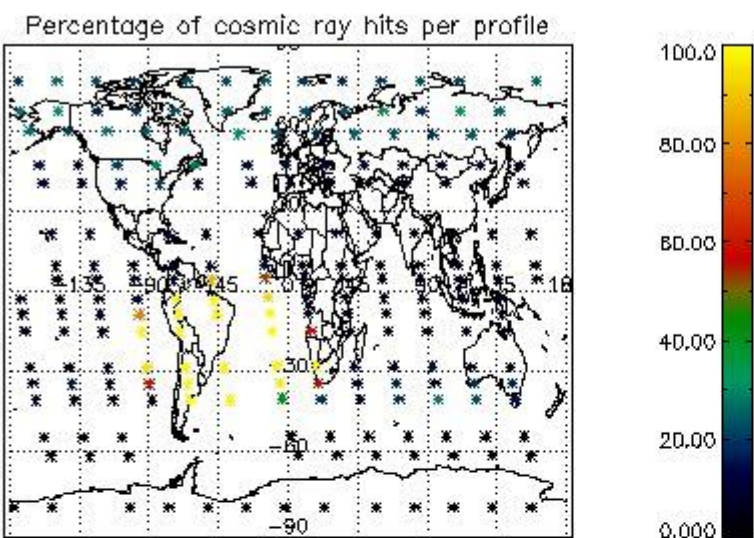


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



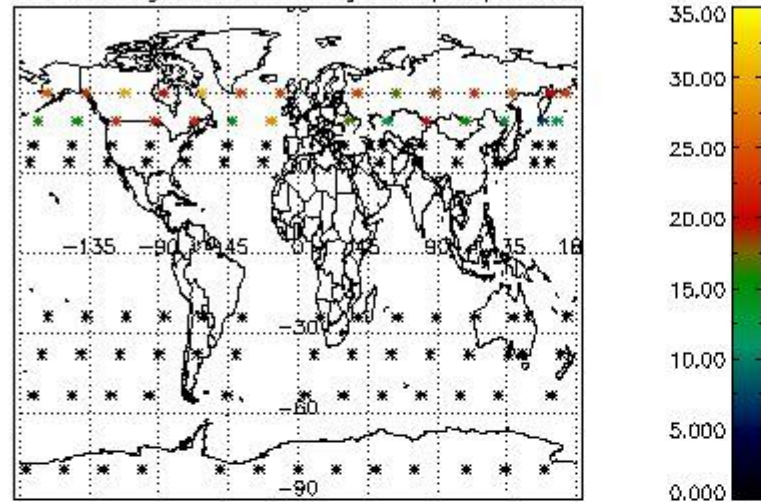
4.2 Plot quality information per product coming from level 1b processing (world map)

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

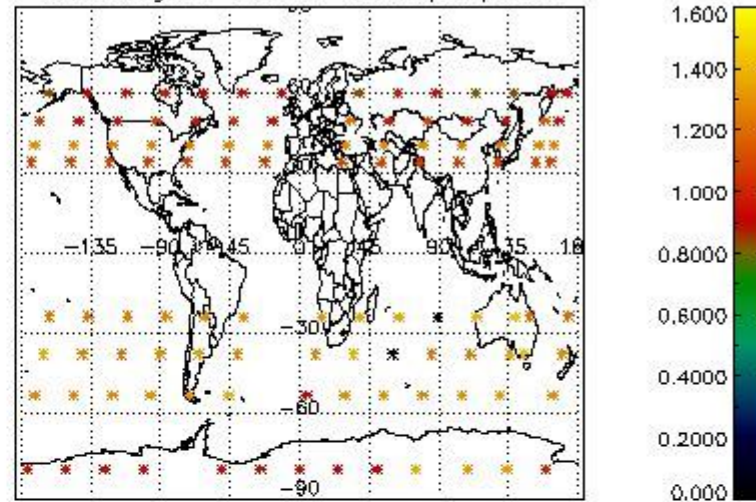


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

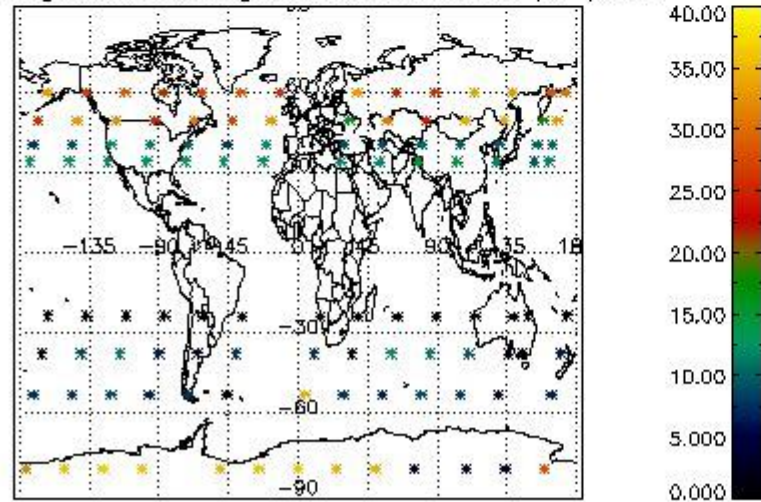
Percentage of cosmic ray hits per profile



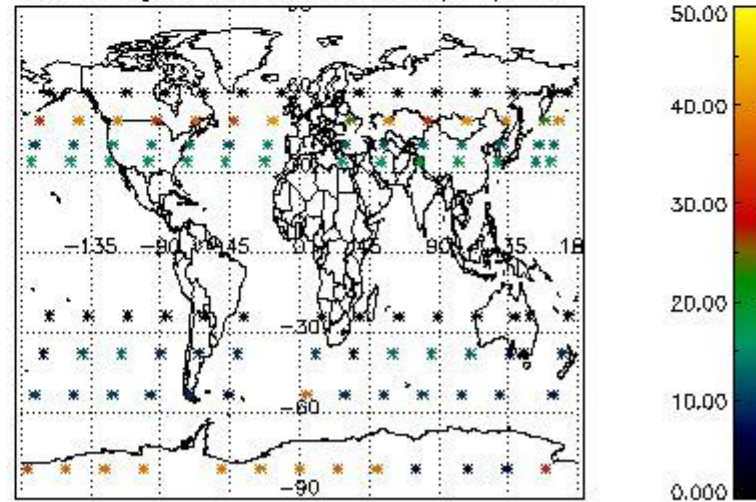
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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

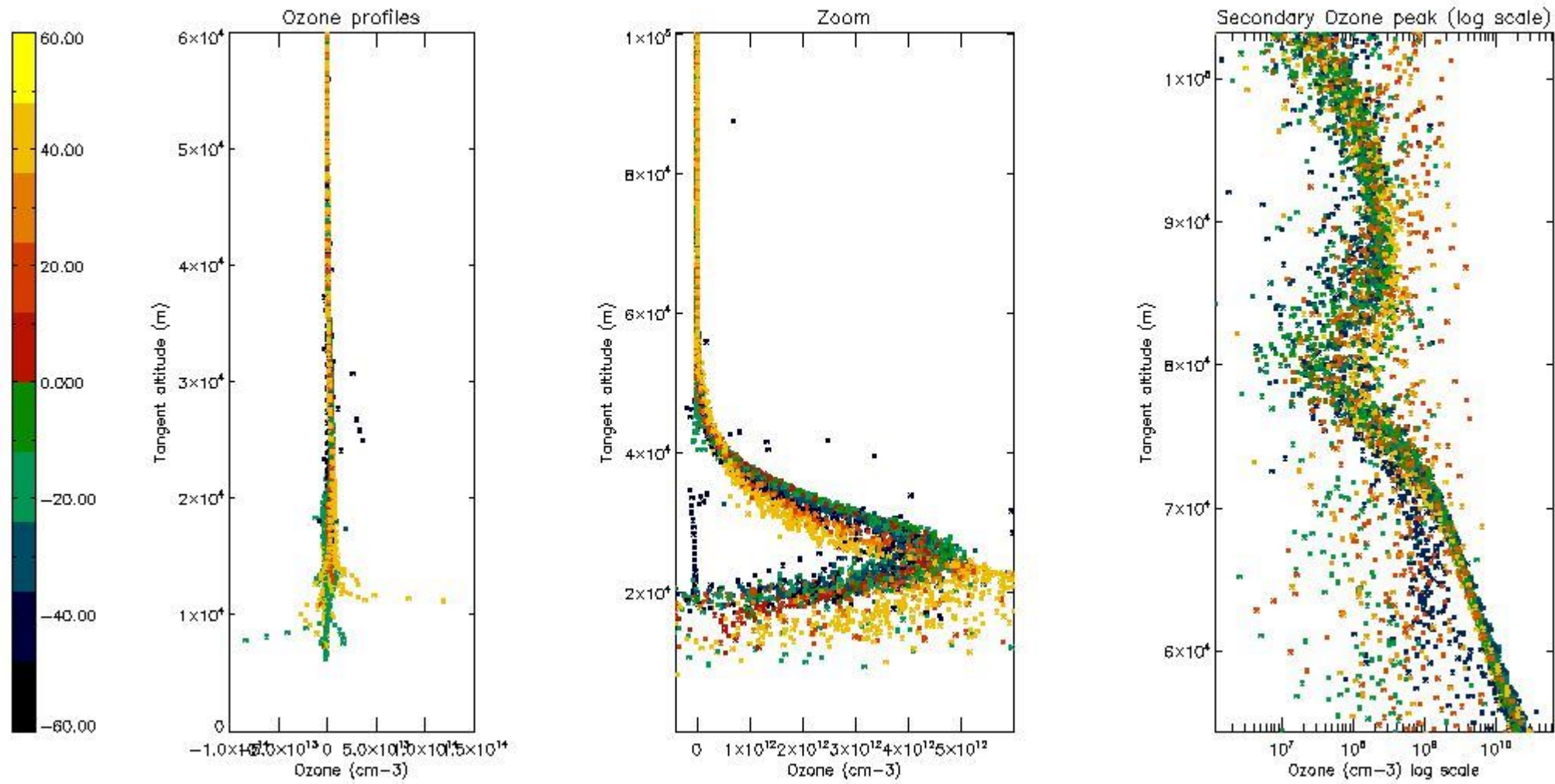
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	43
STD < 20	21

STD < 10	17
STD < 5	11

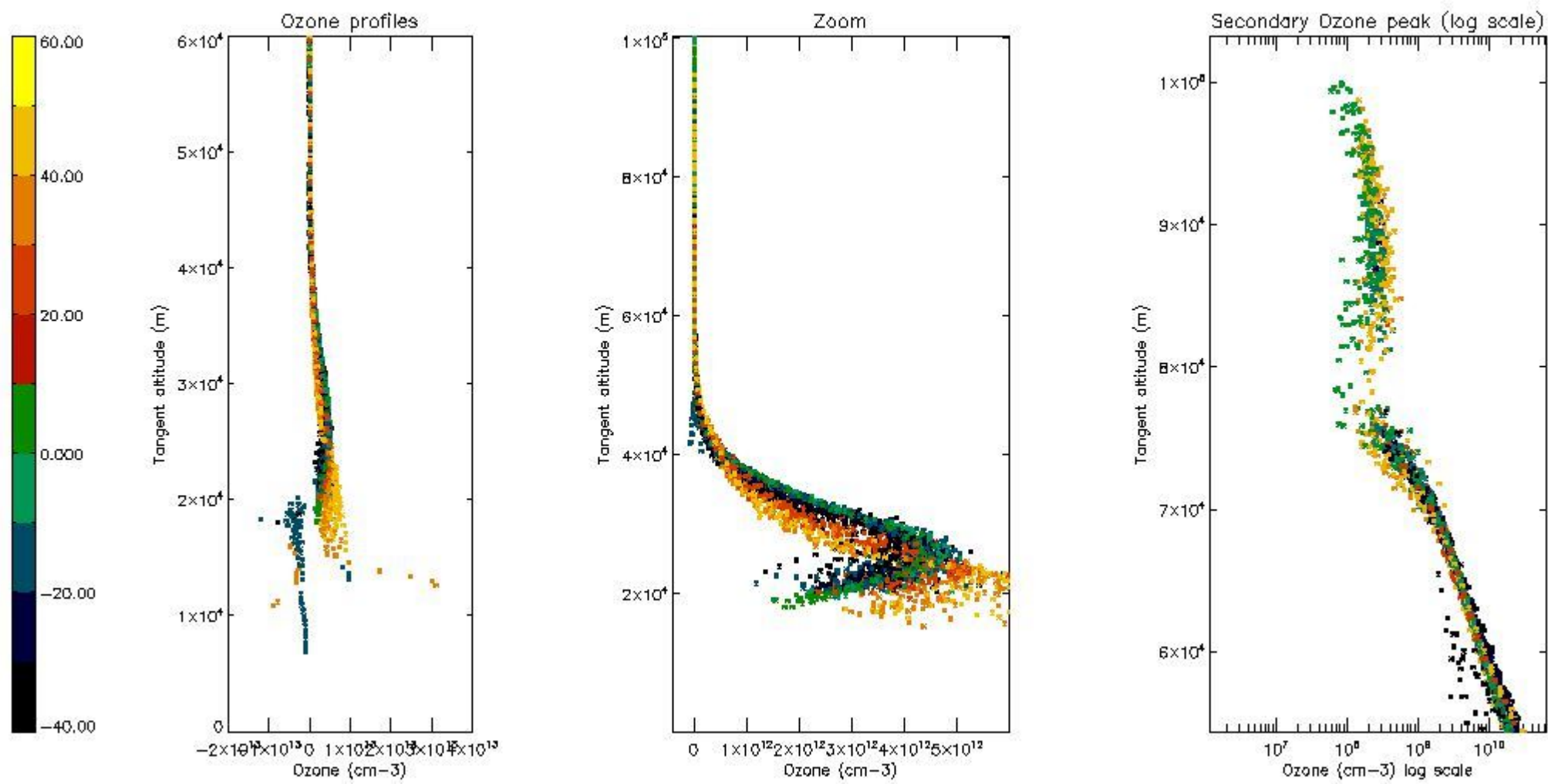
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



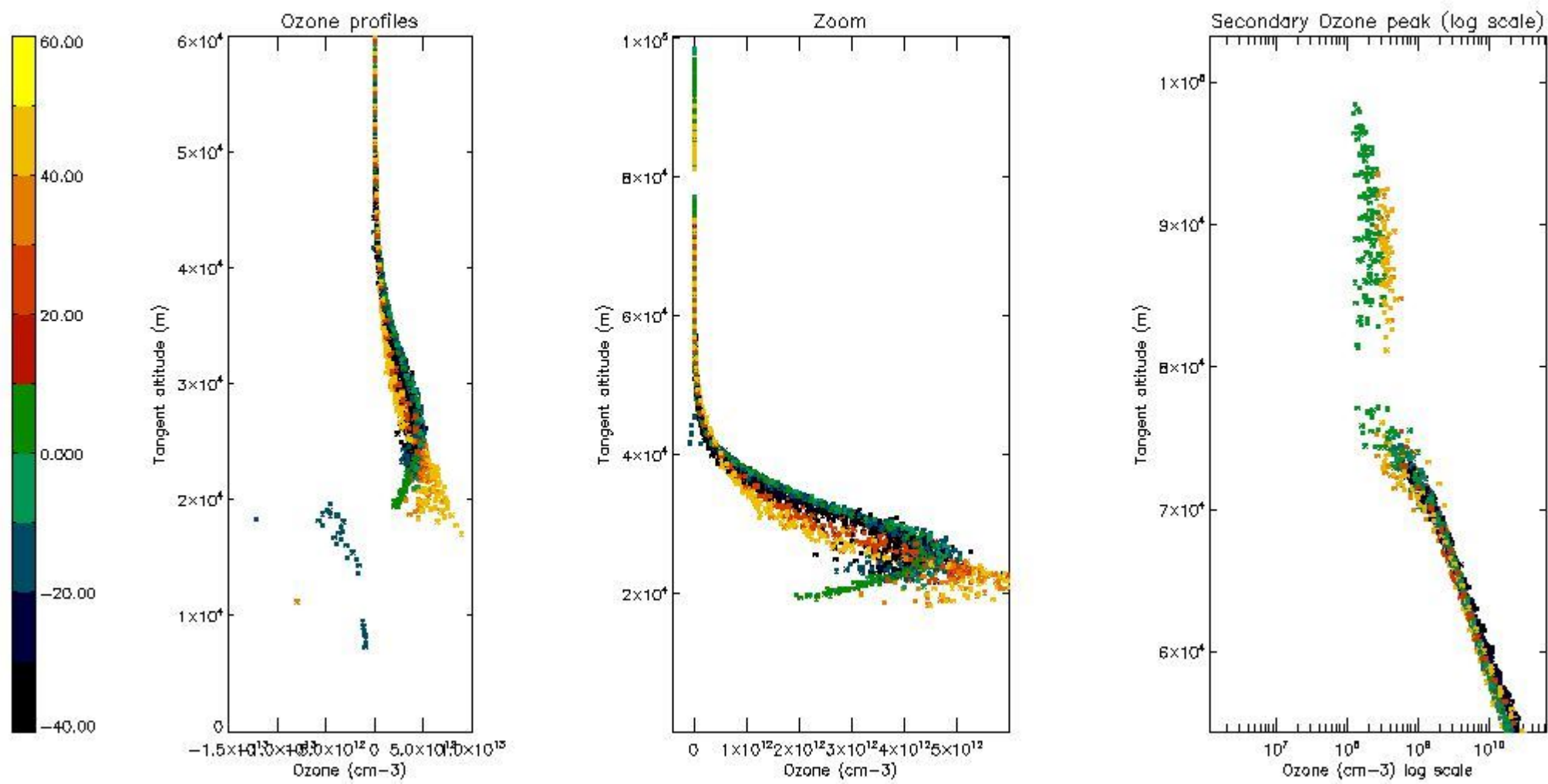
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



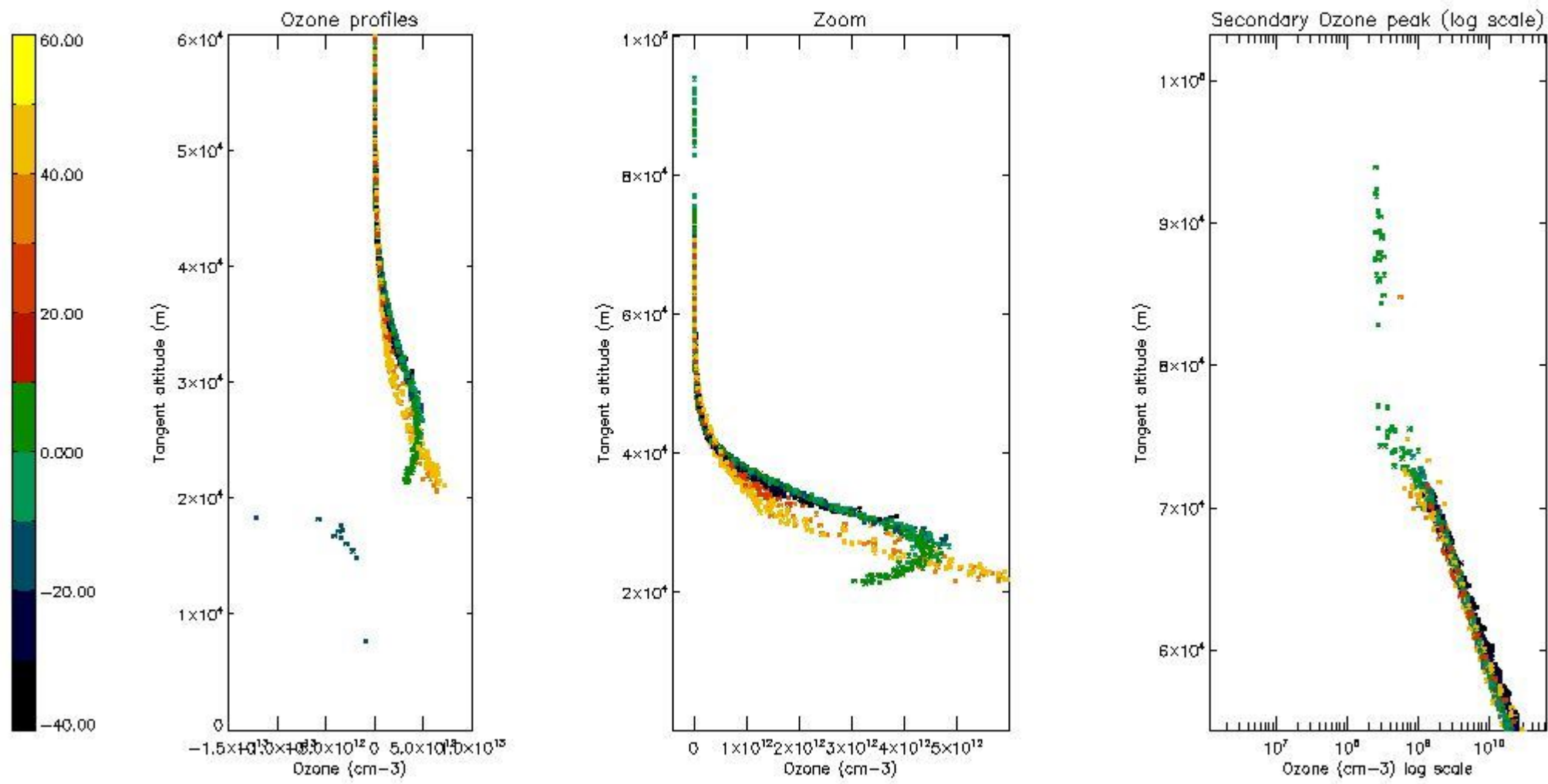
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



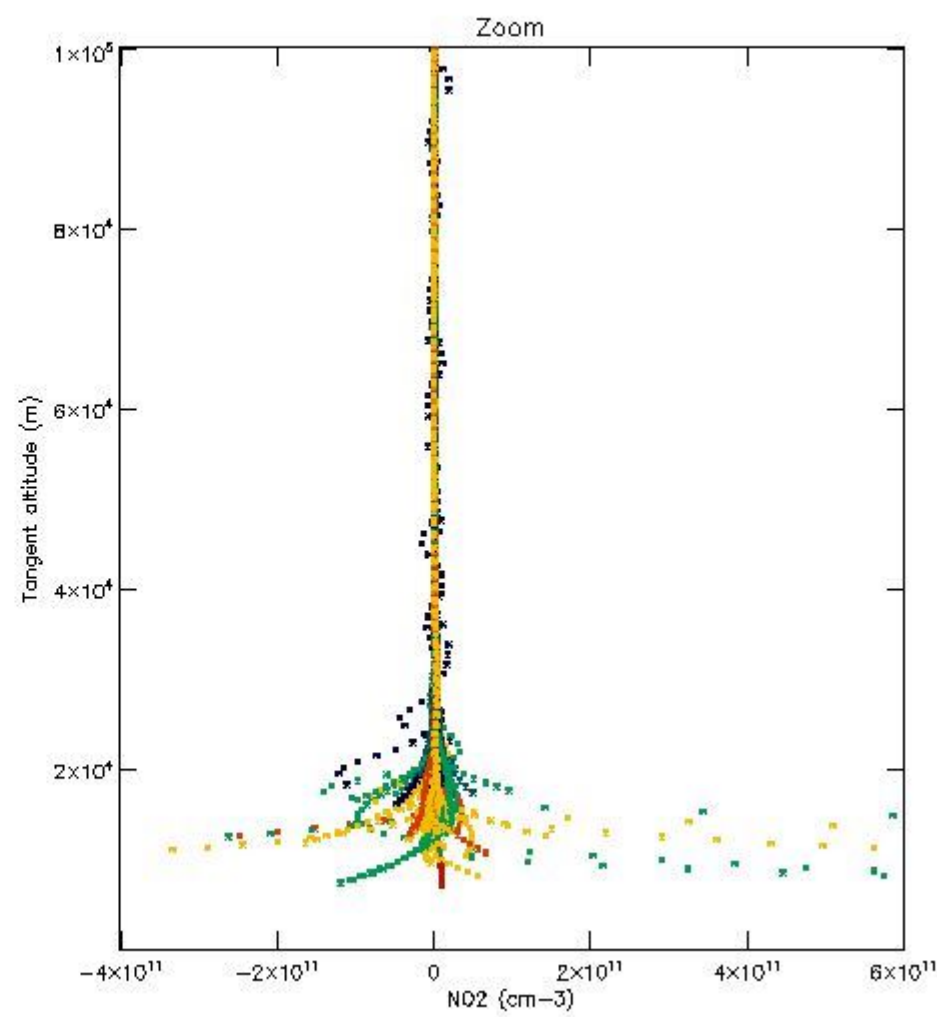
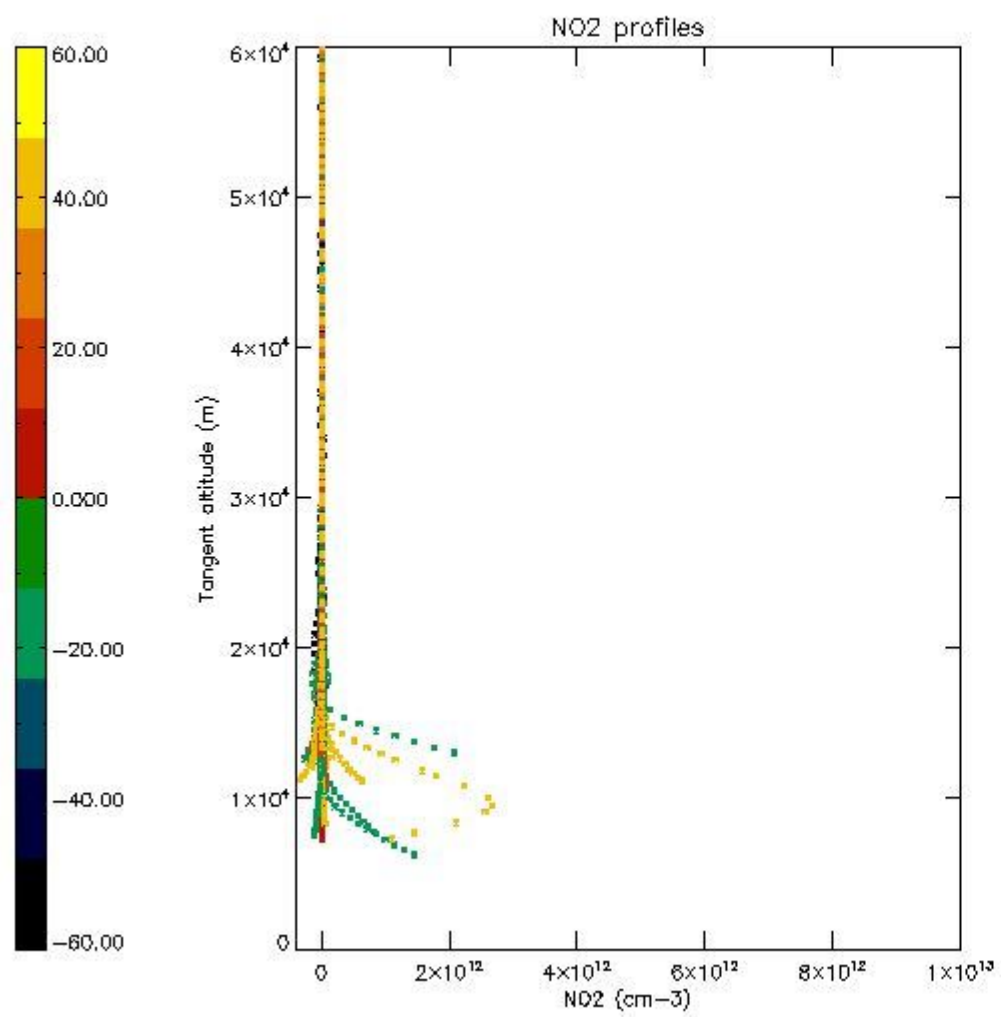
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



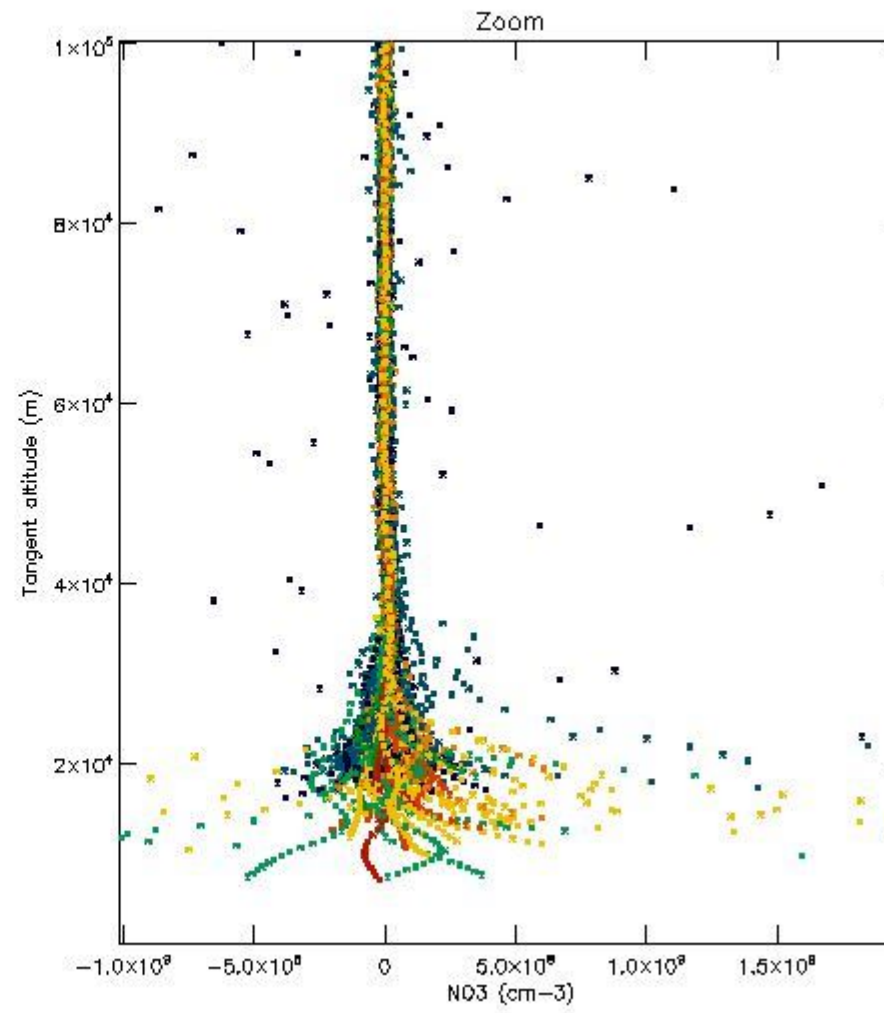
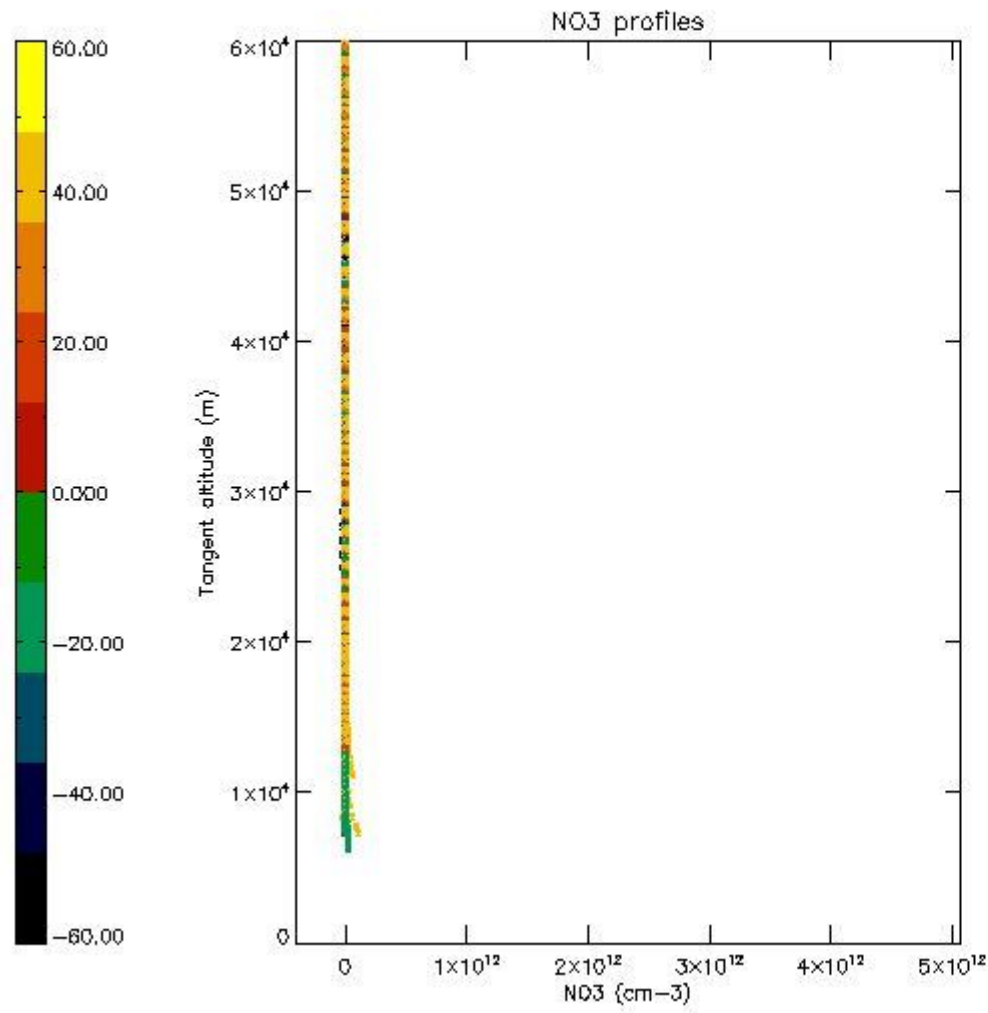
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

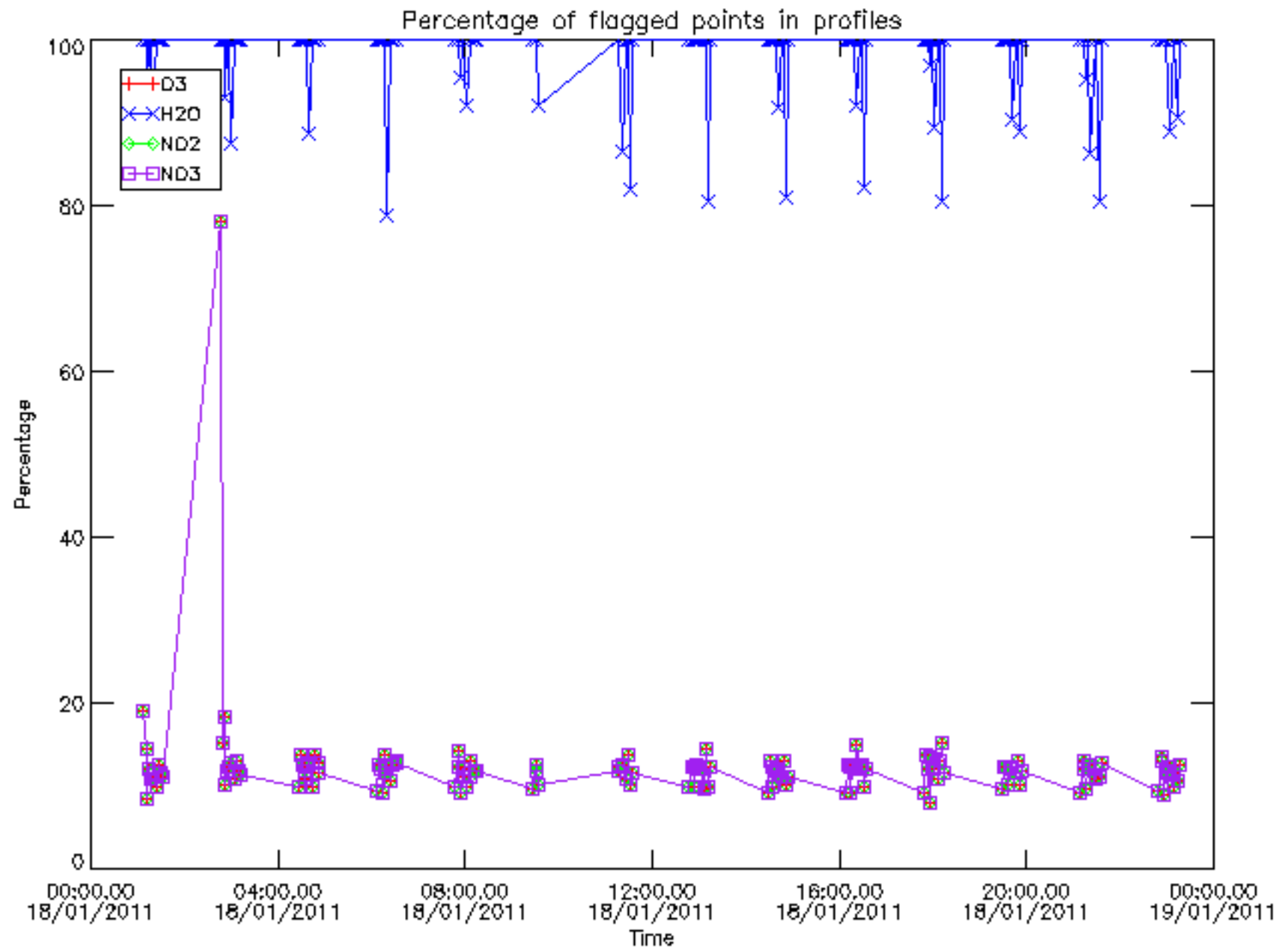
The colorbar represents the latitude.



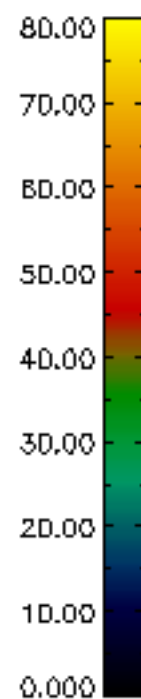
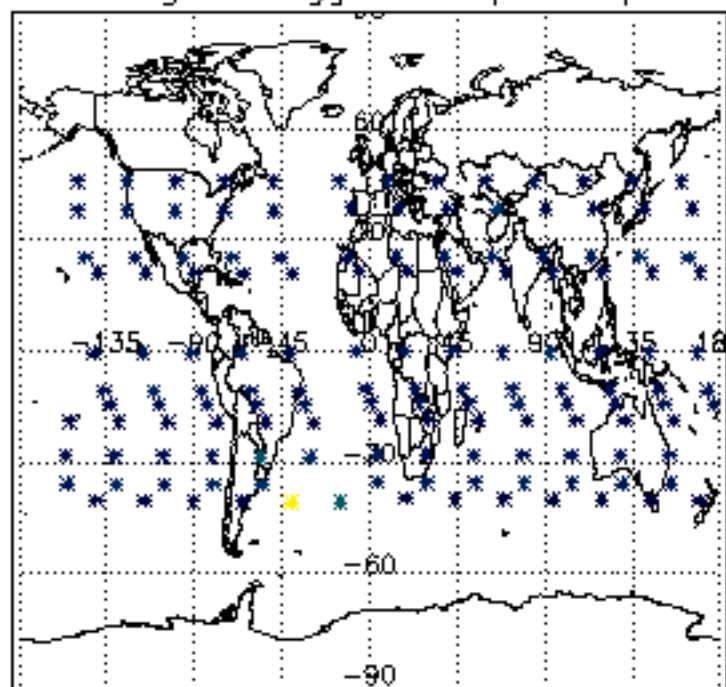
6. Auxiliary Data Files used for the production reported in section 2

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

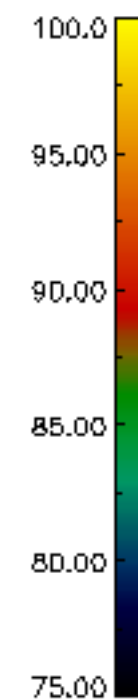
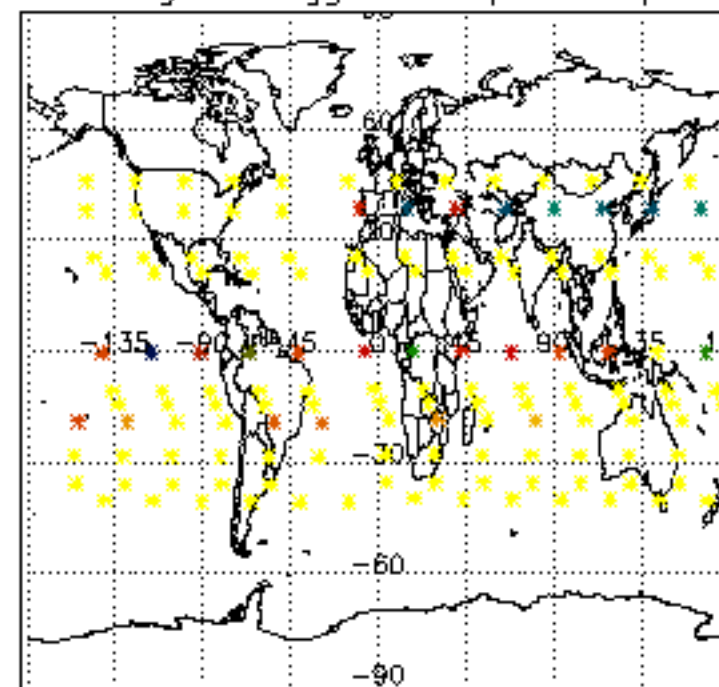
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-JAN-2011 00:06:32
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-JAN-2011 00:06:32
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-JAN-2011 00:06:32



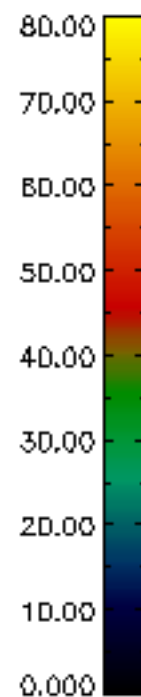
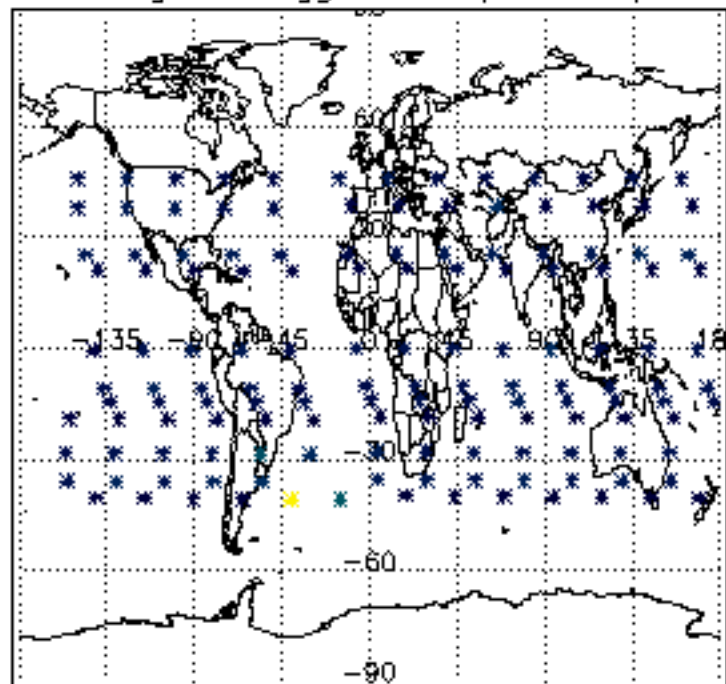
Percentage of flagged data per D3 profile



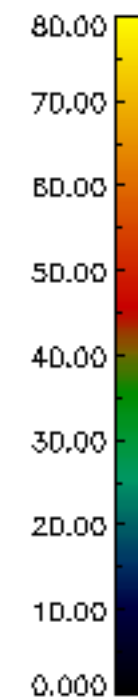
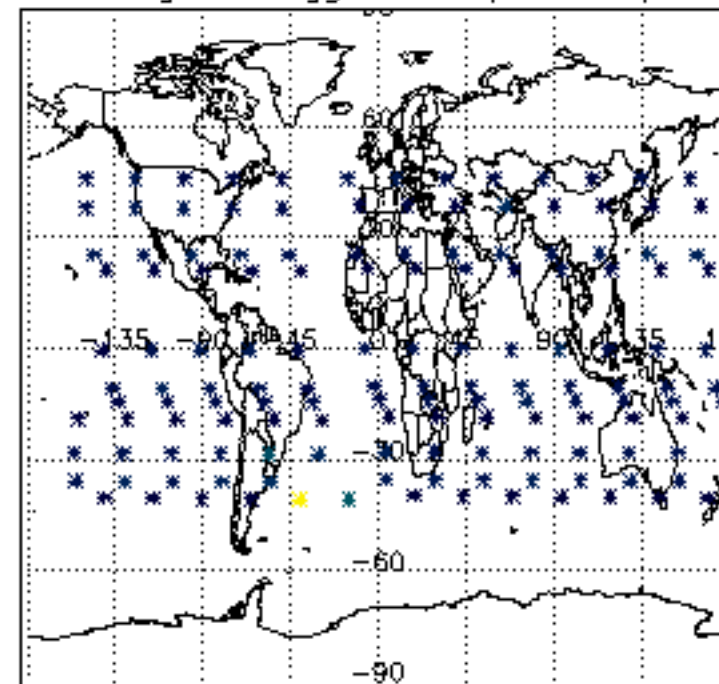
Percentage of flagged data per H2O profile

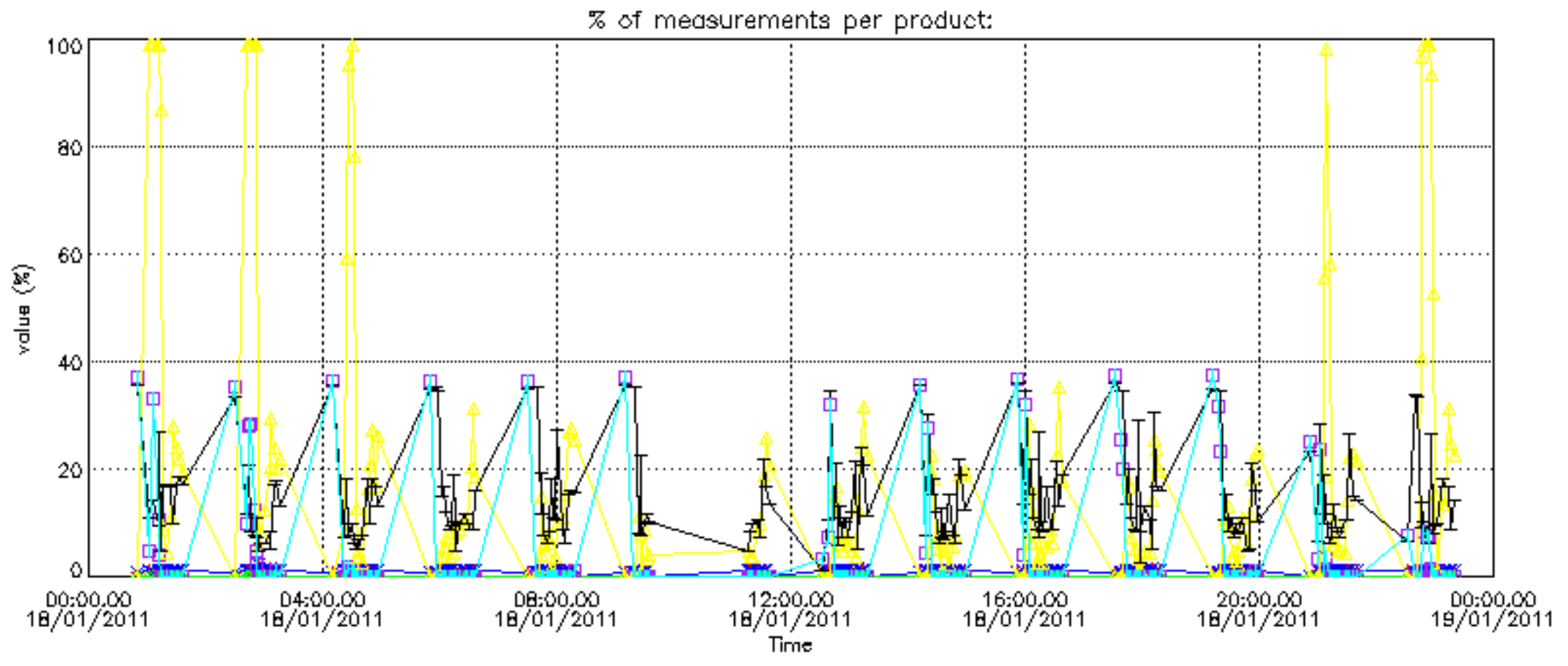


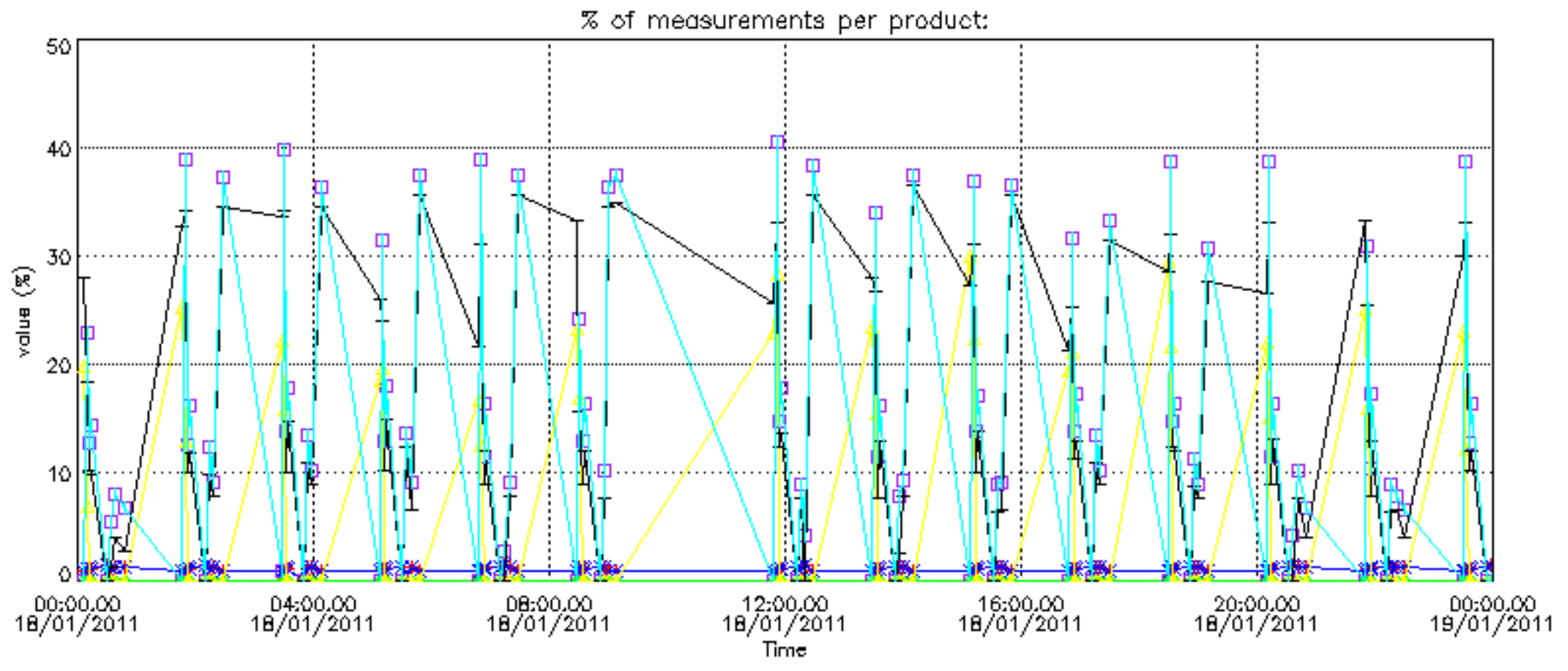
Percentage of flagged data per NO2 profile



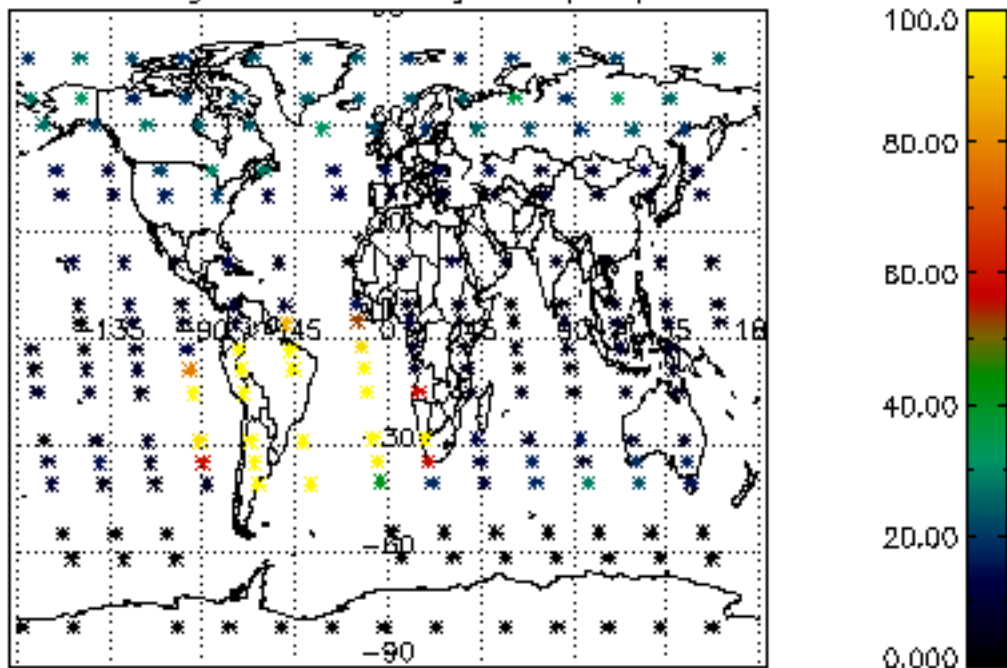
Percentage of flagged data per NO3 profile



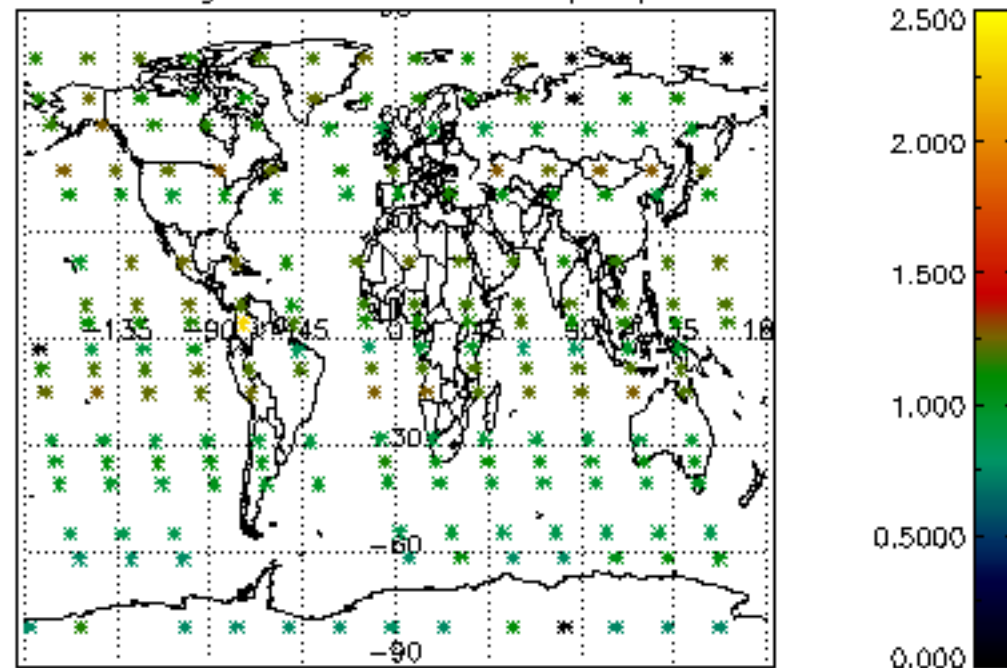




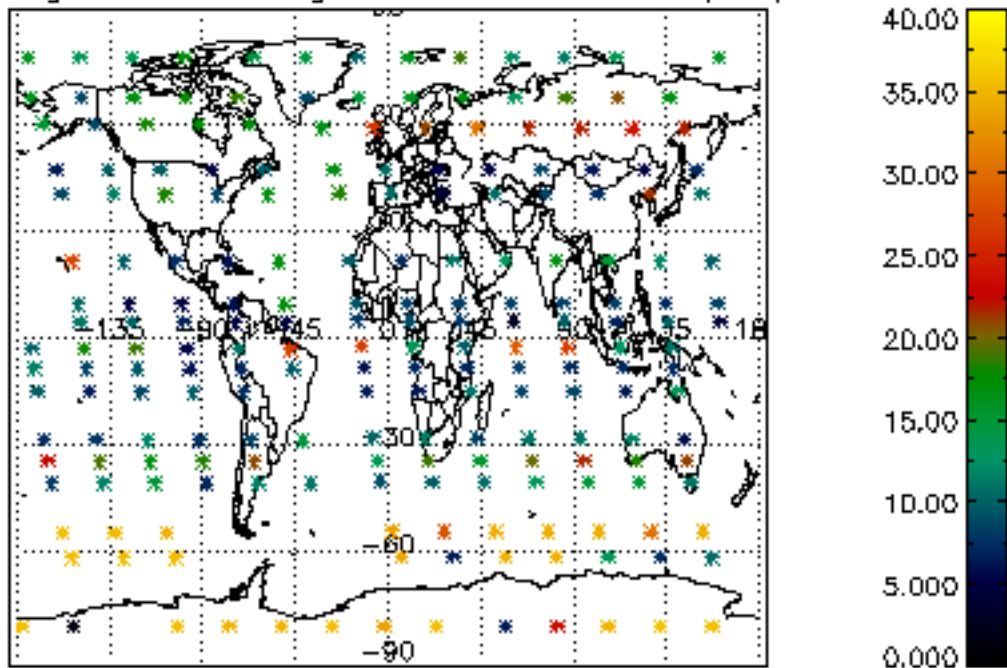
Percentage of cosmic ray hits per profile



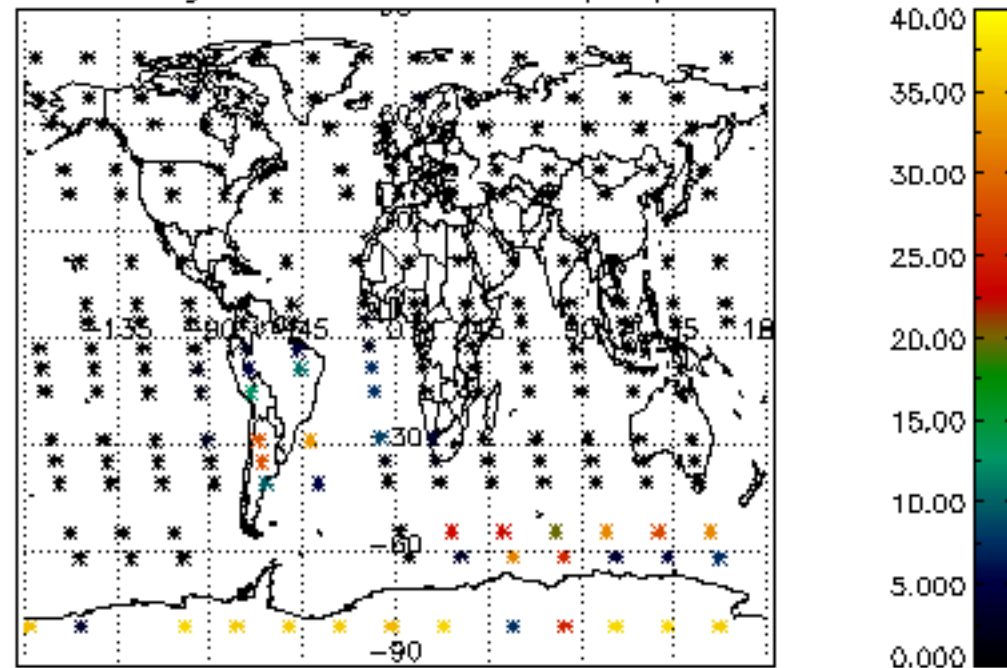
Percentage of datation errors per profile



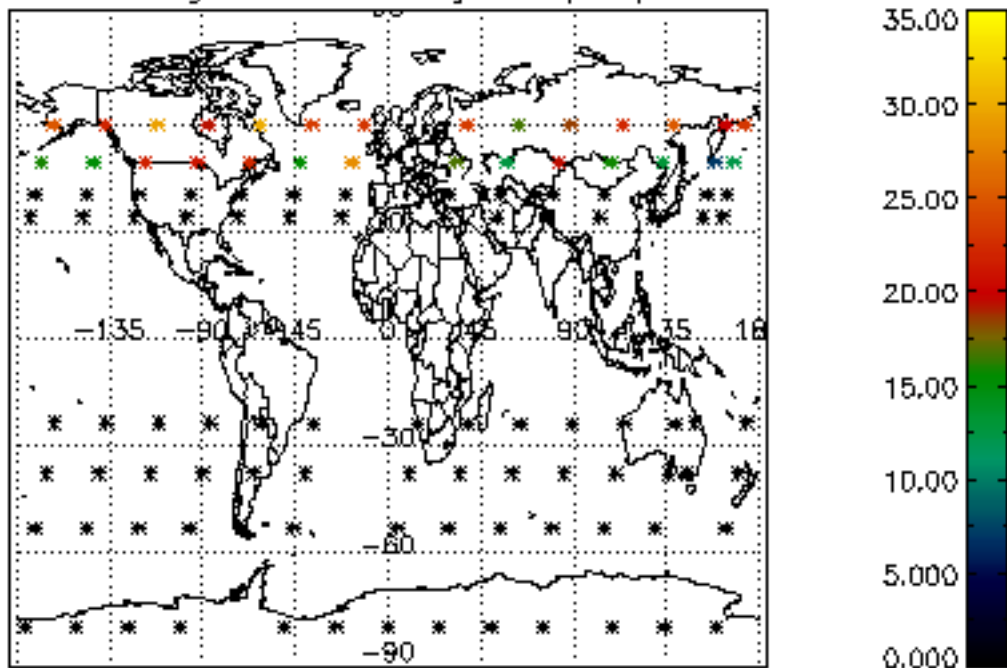
Percentage of star falling outside central band per profile



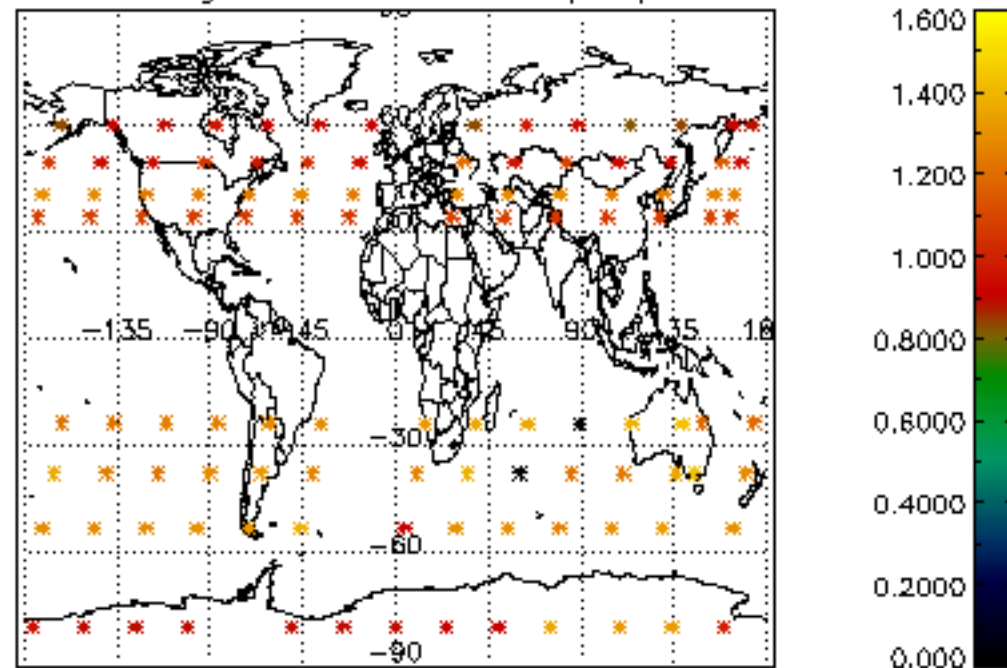
Percentage of saturation errors per profile



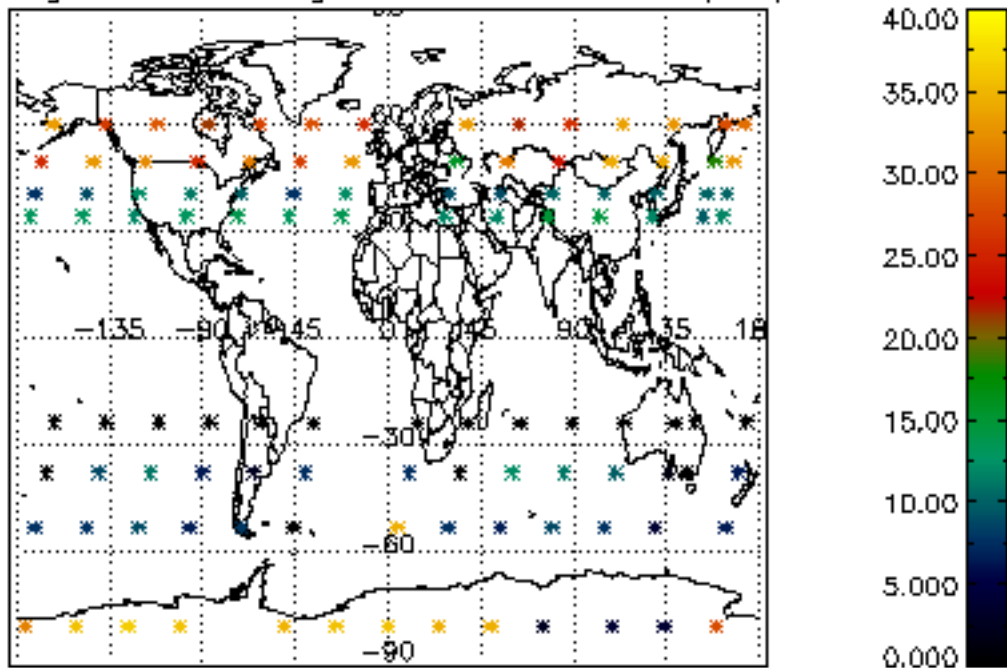
Percentage of cosmic ray hits per profile



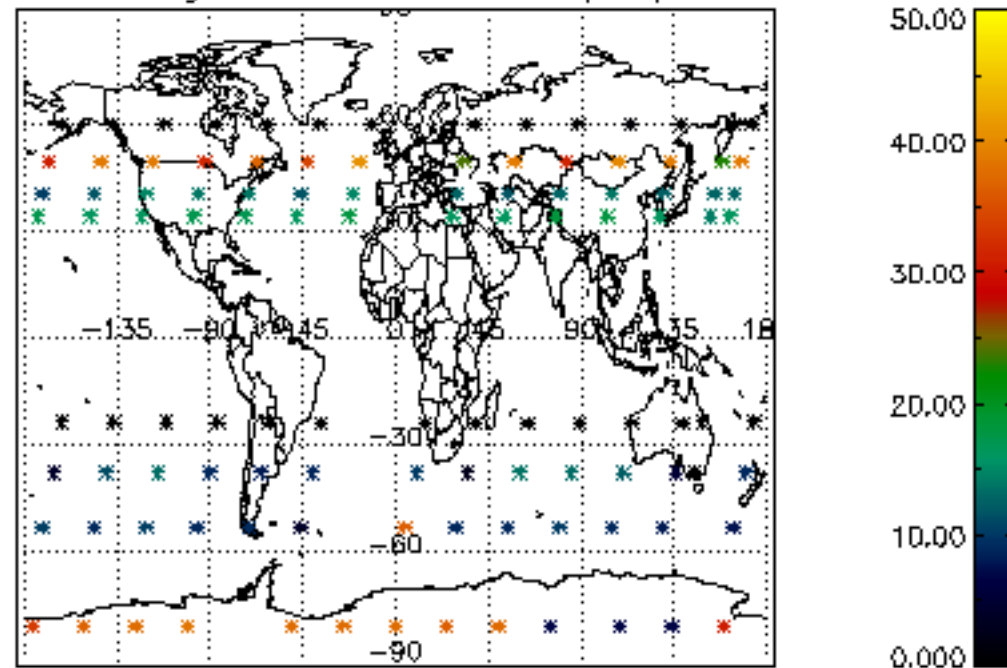
Percentage of datation errors per profile

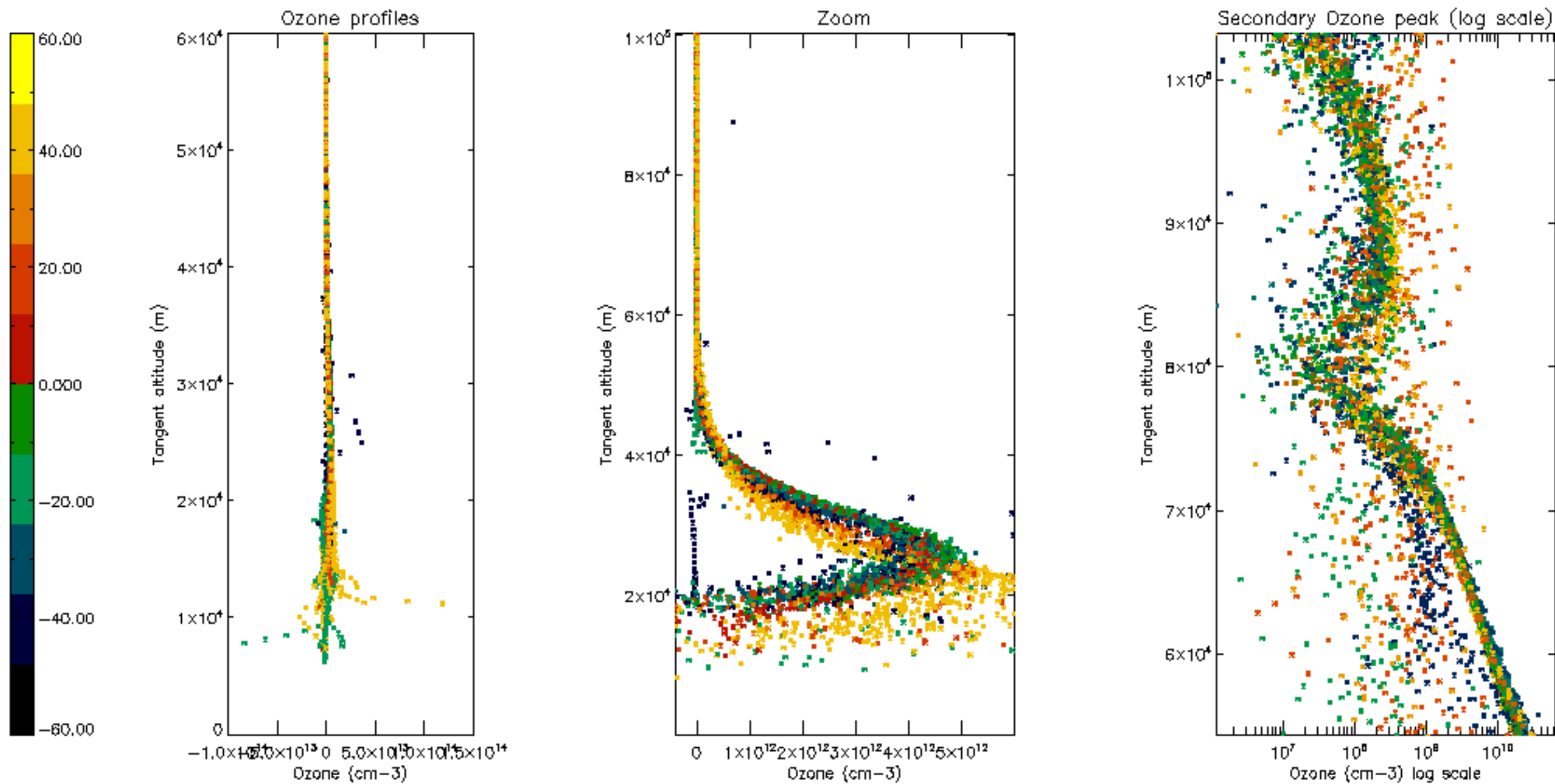


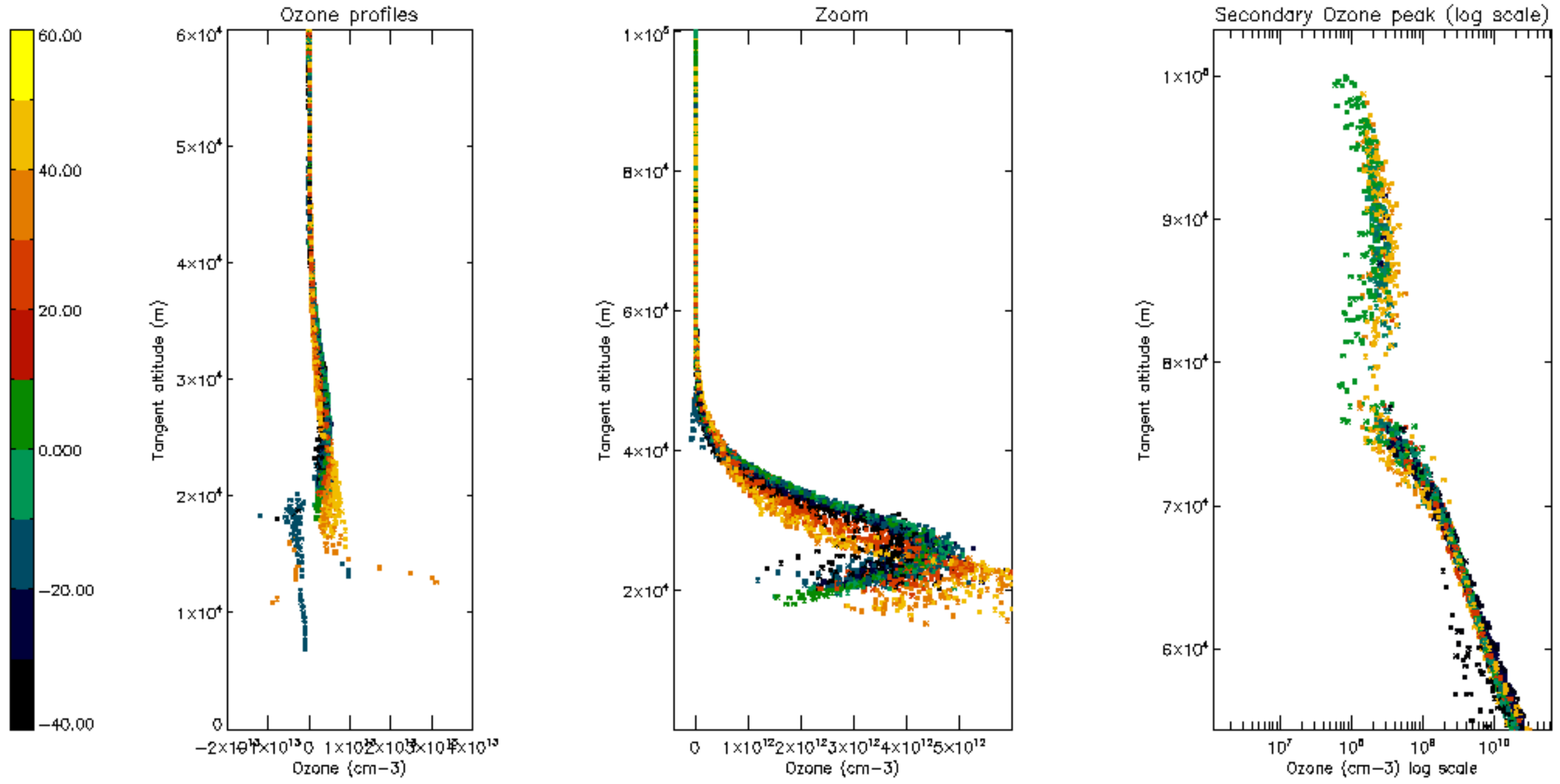
Percentage of star falling outside central band per profile

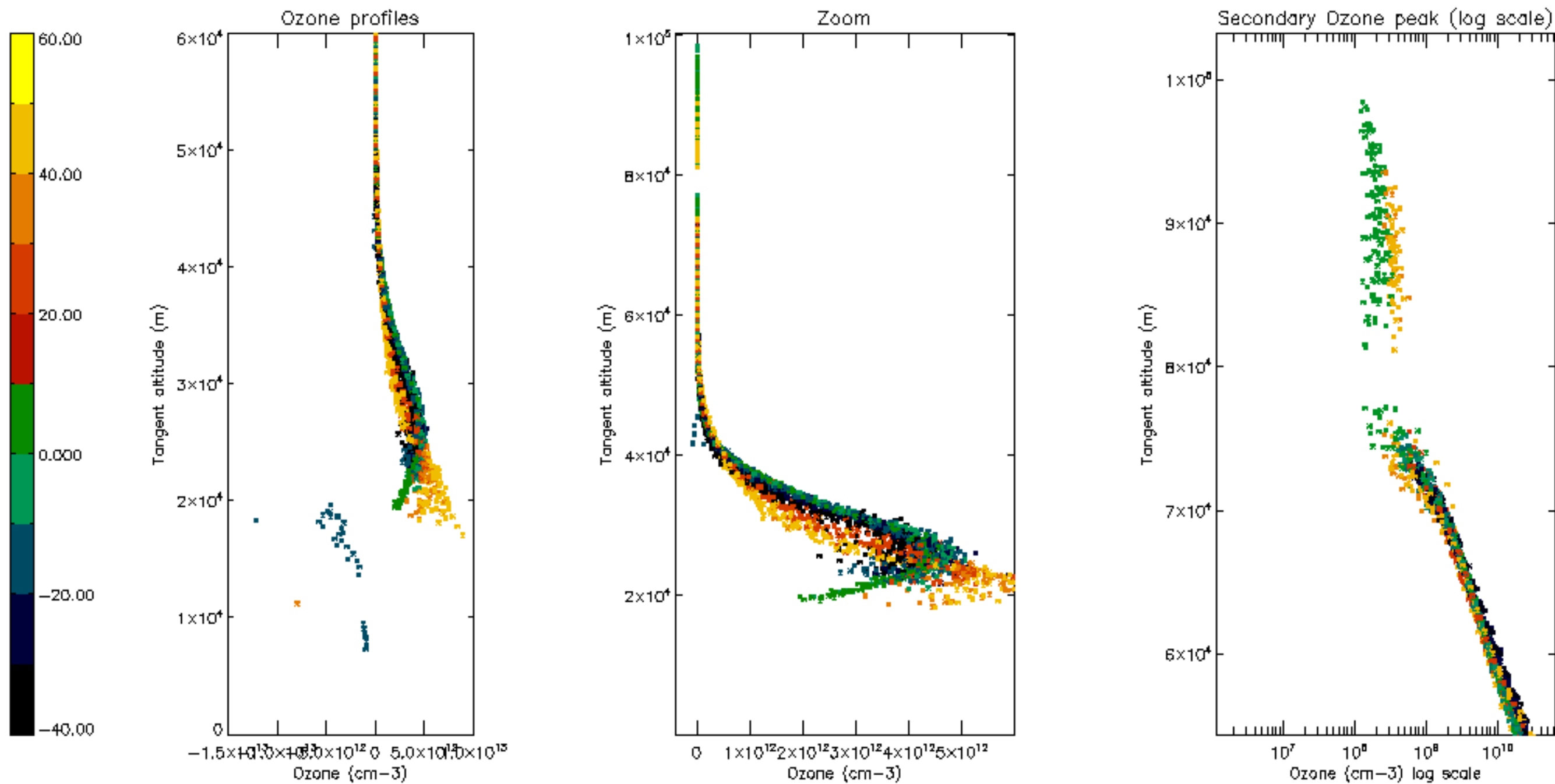


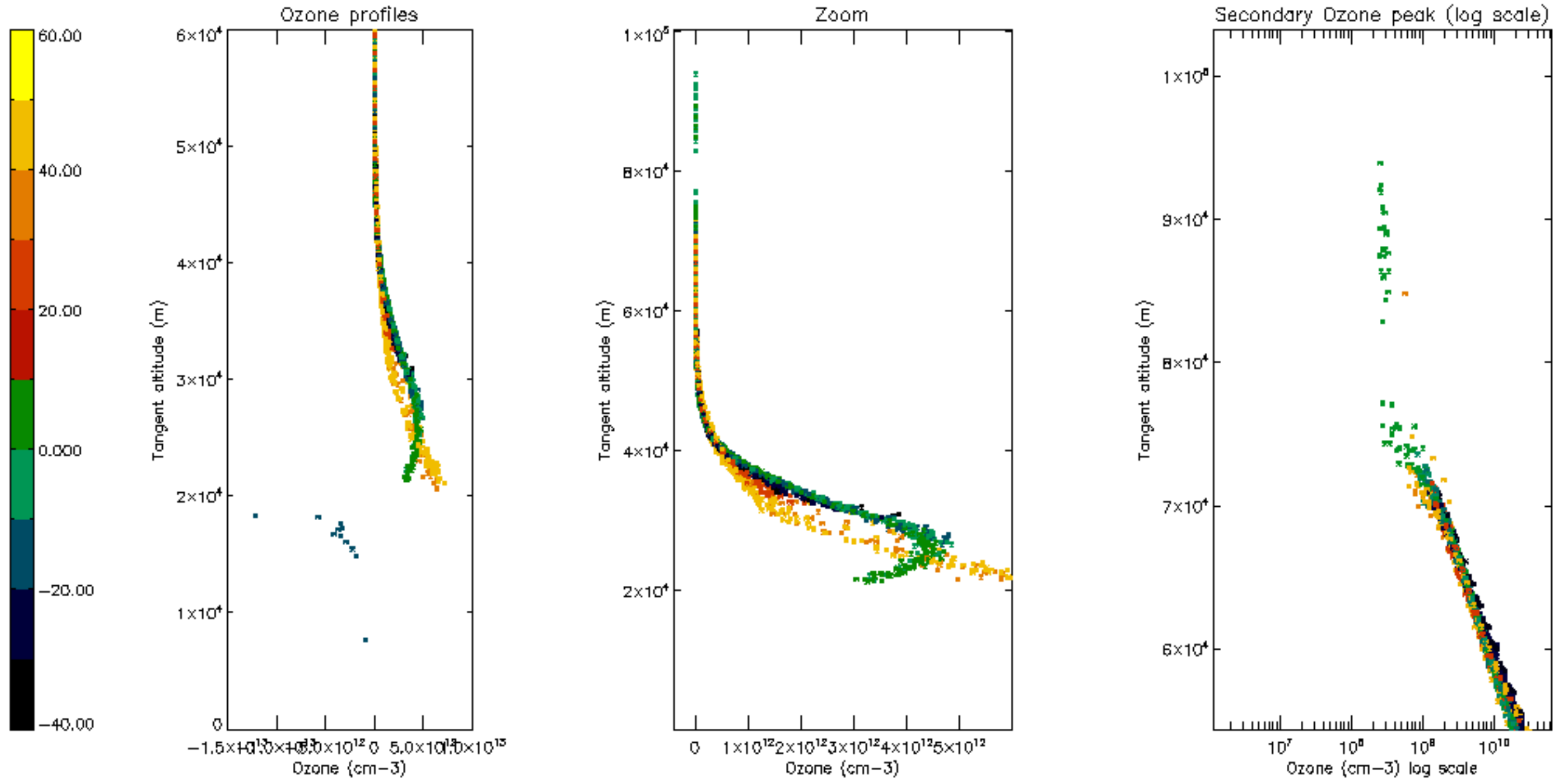
Percentage of saturation errors per profile

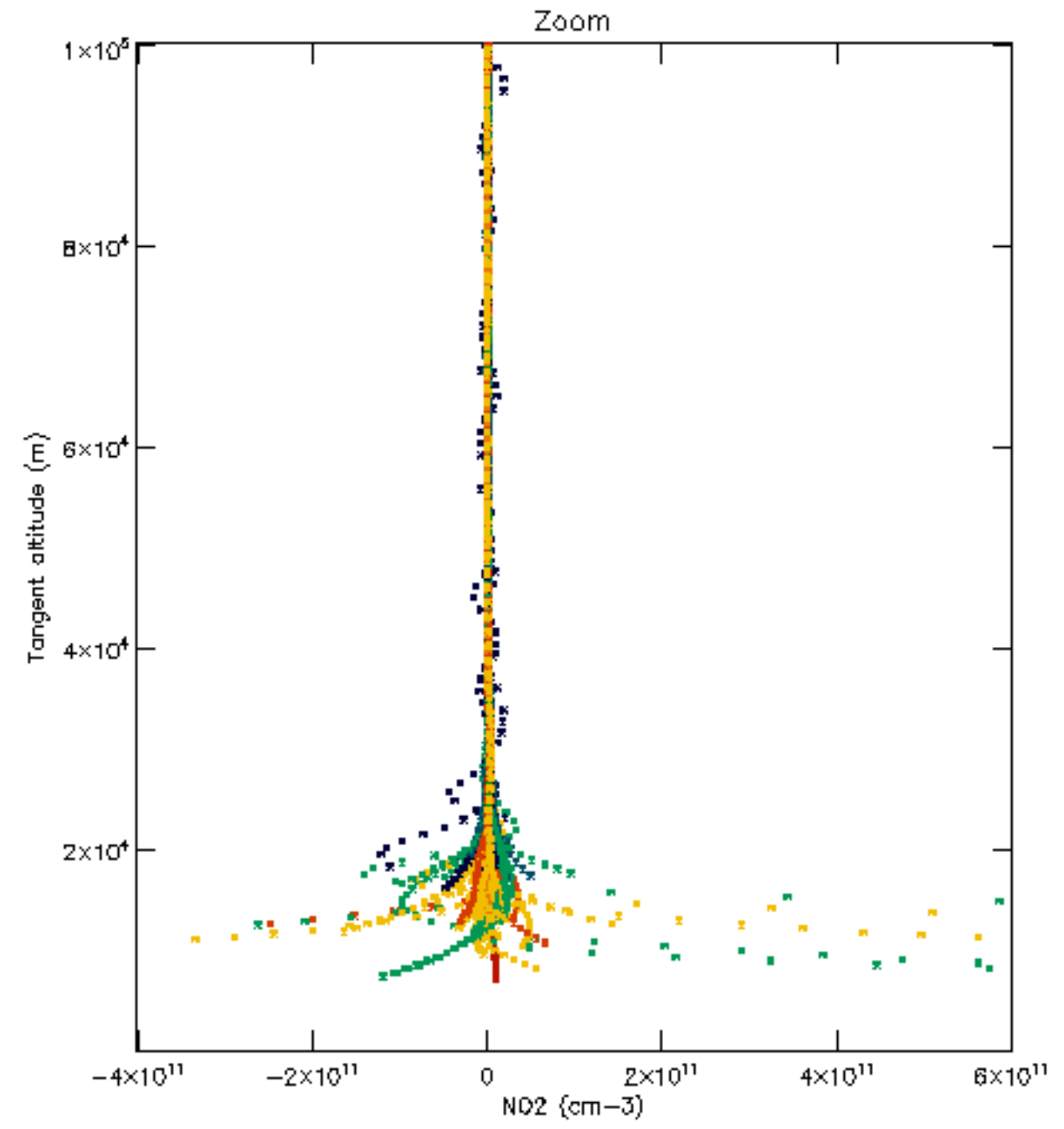
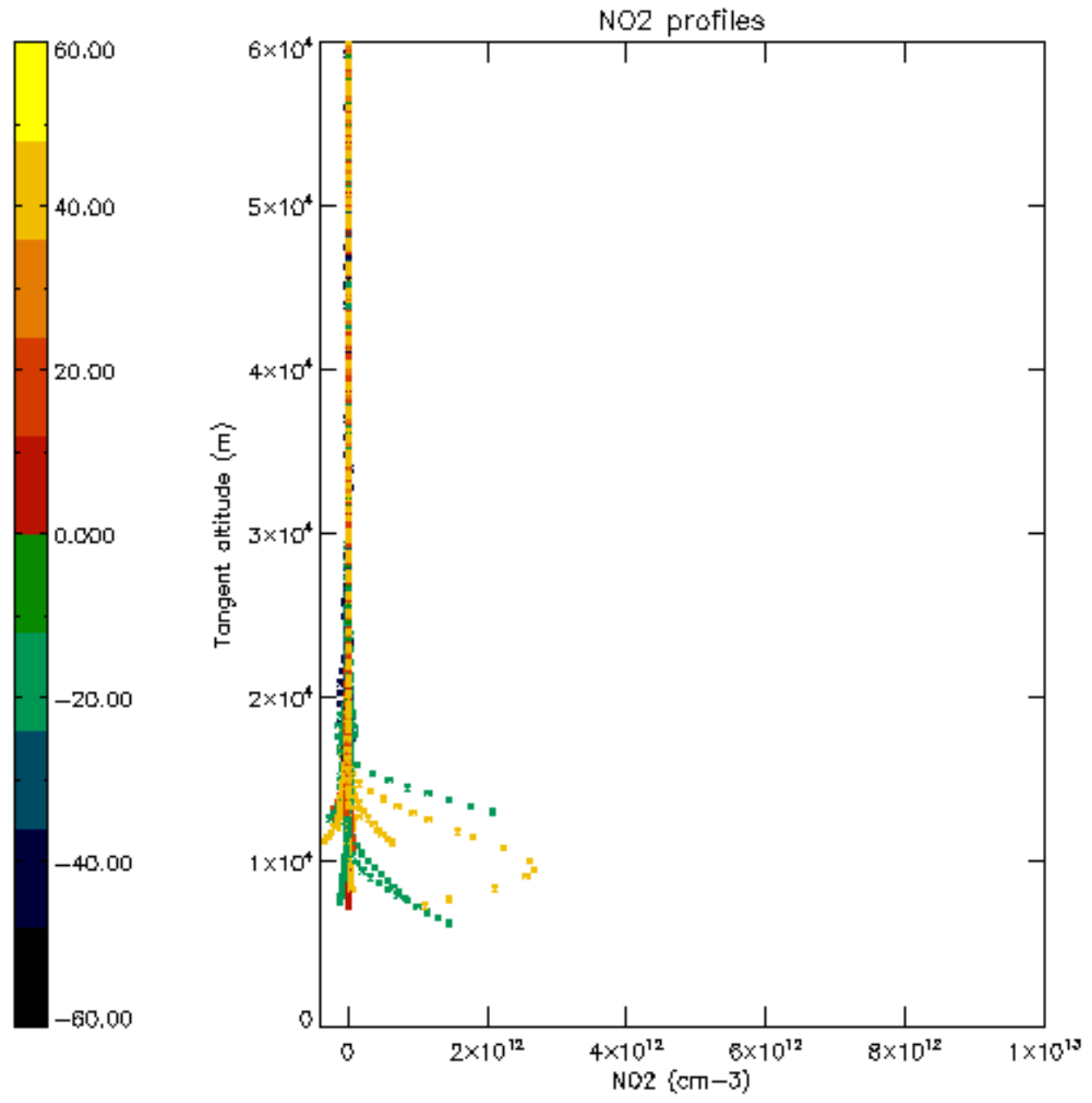


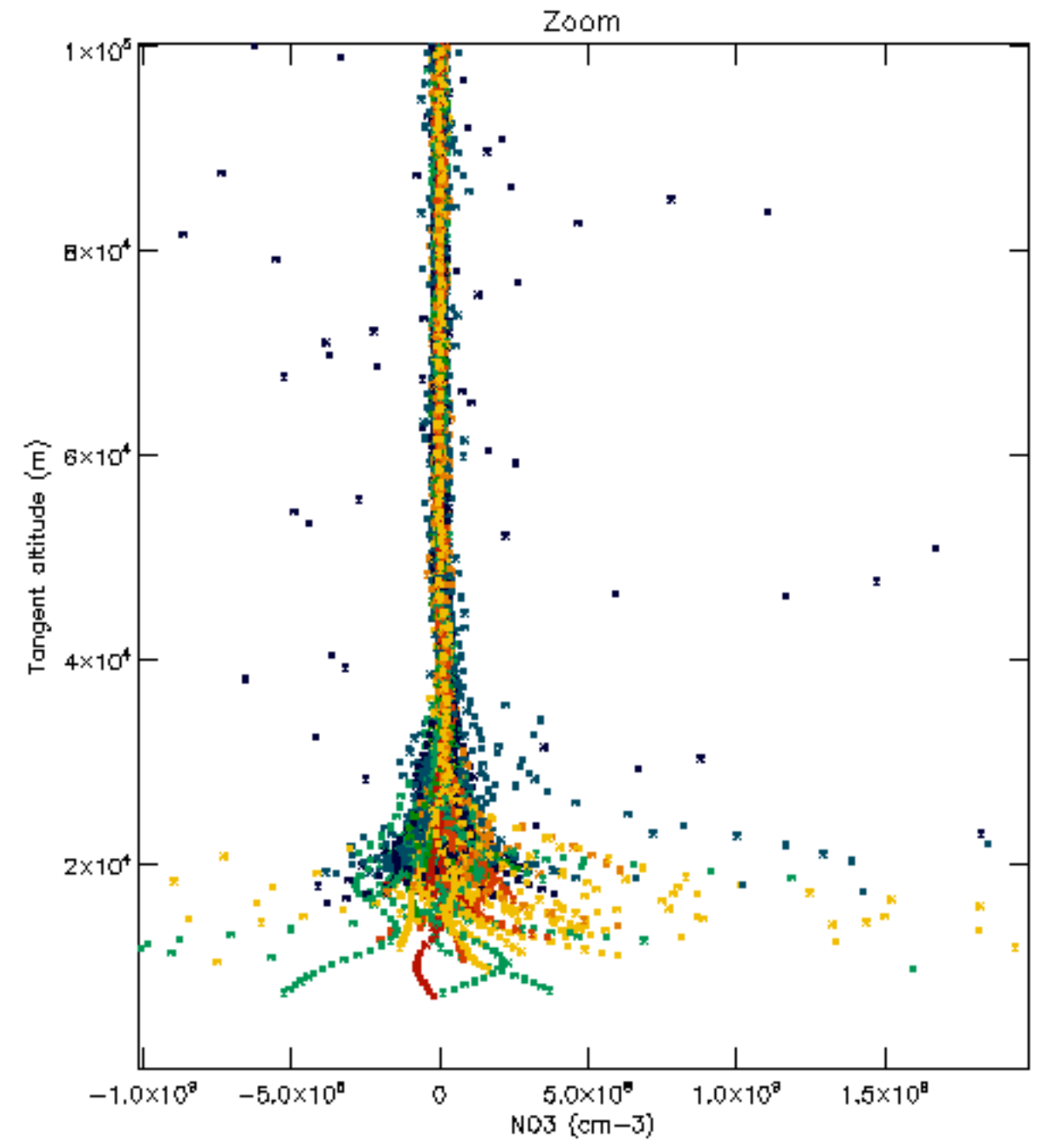
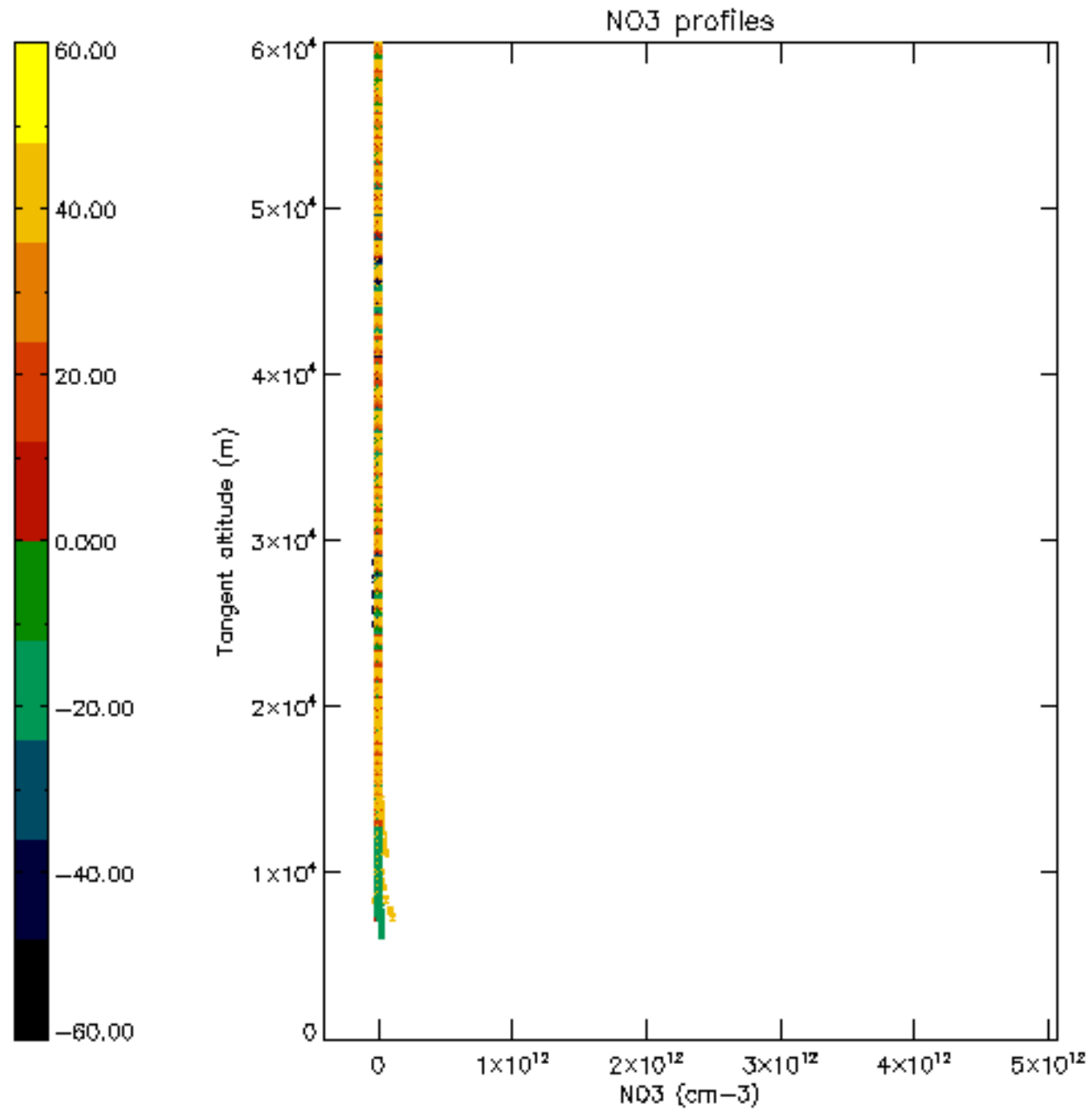


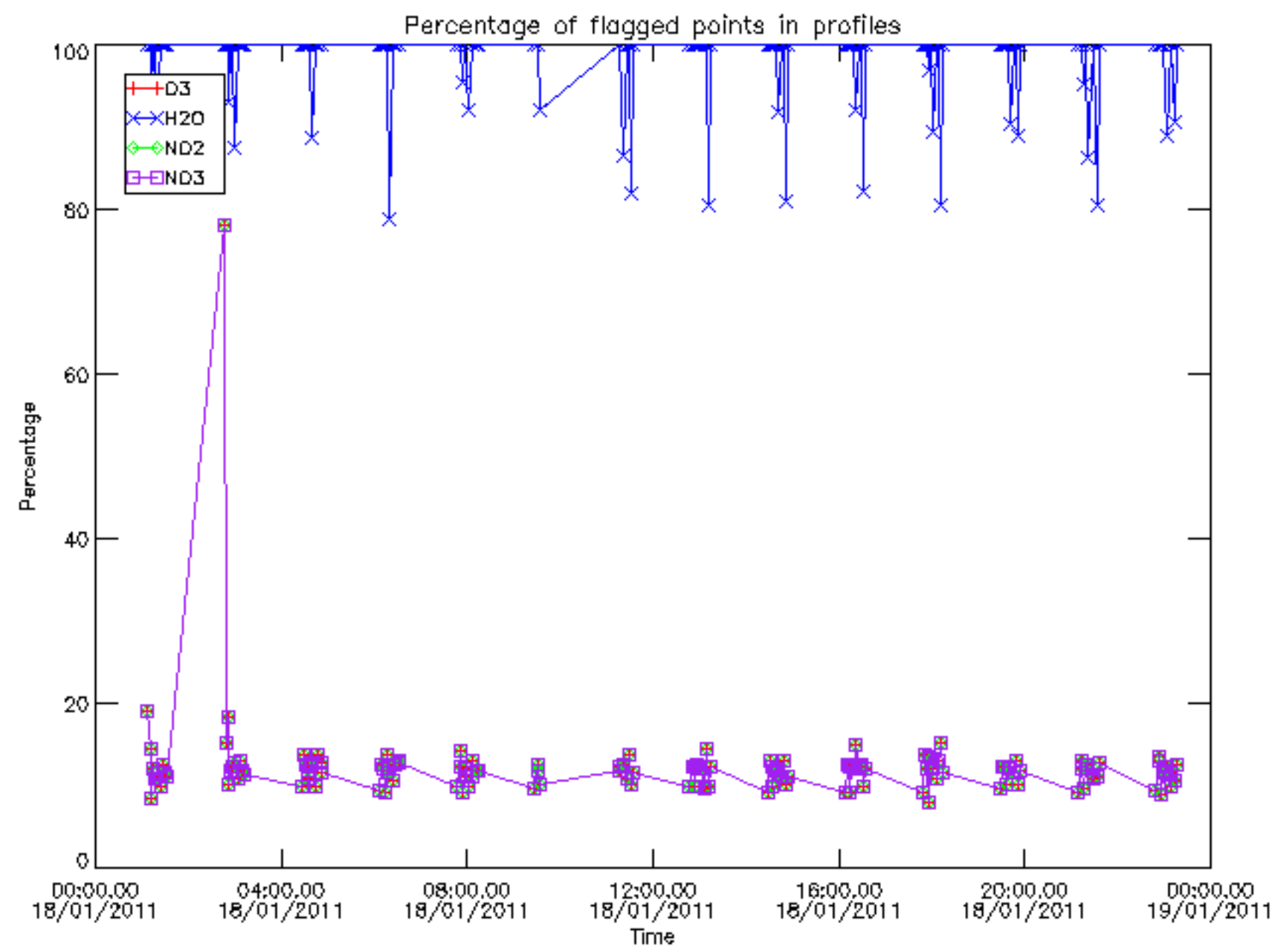




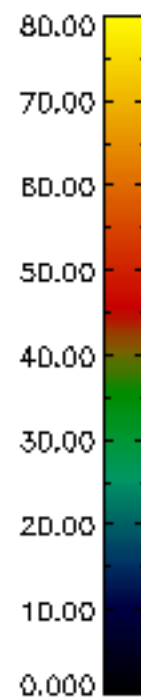
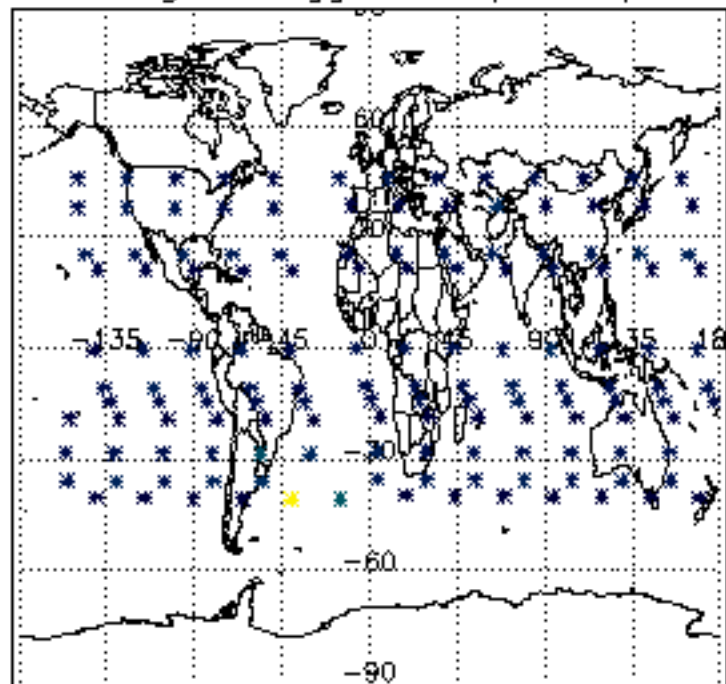




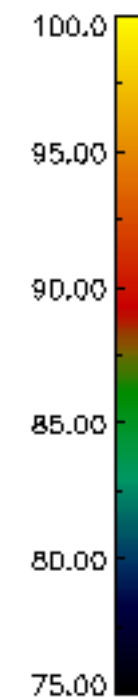
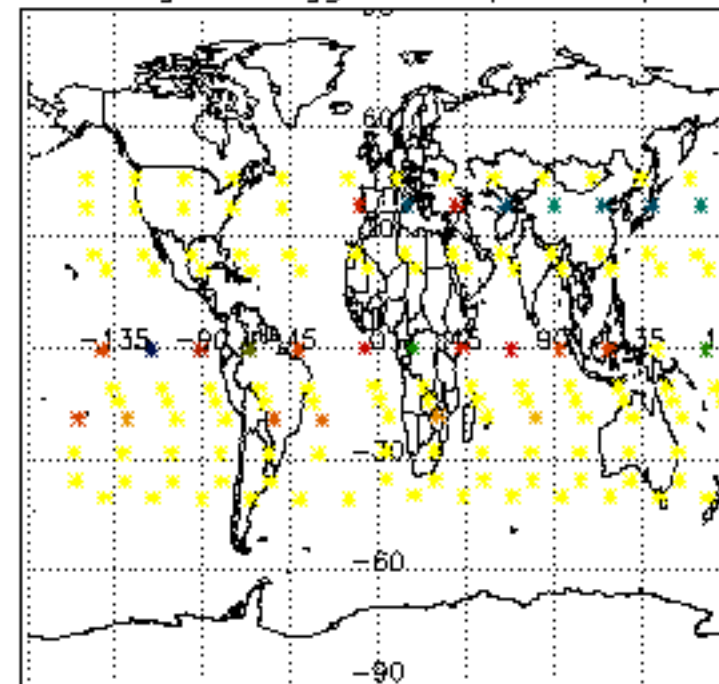




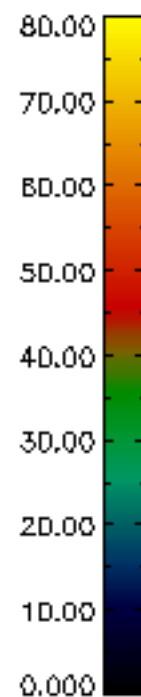
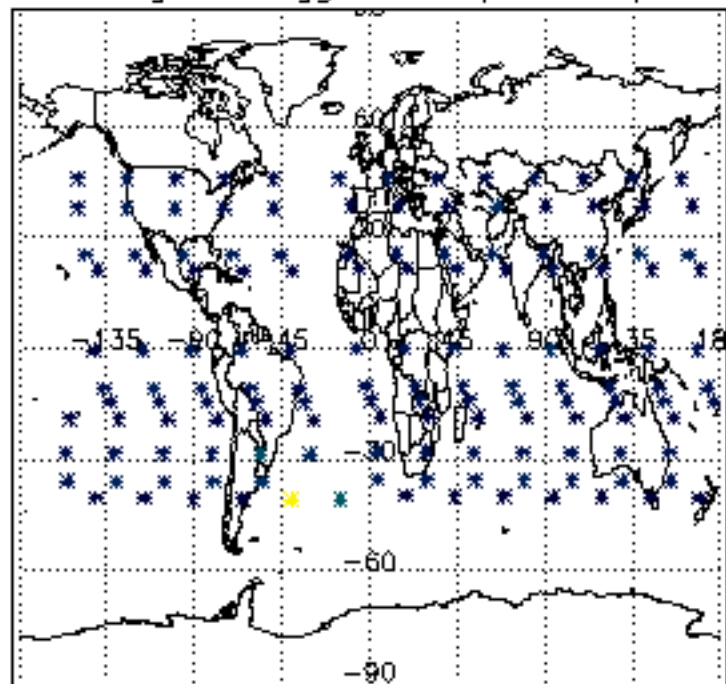
Percentage of flagged data per D3 profile



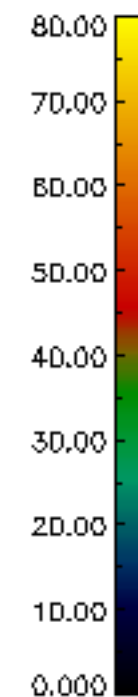
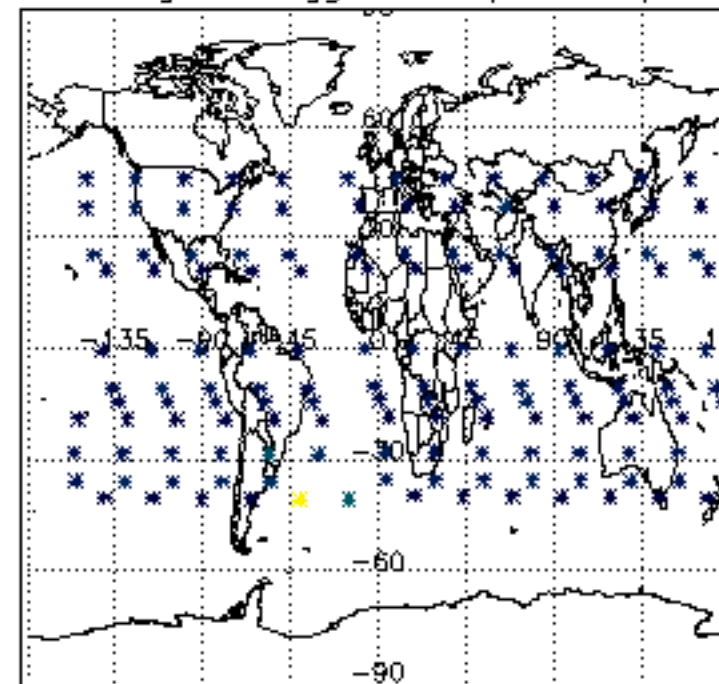
Percentage of flagged data per H2O profile

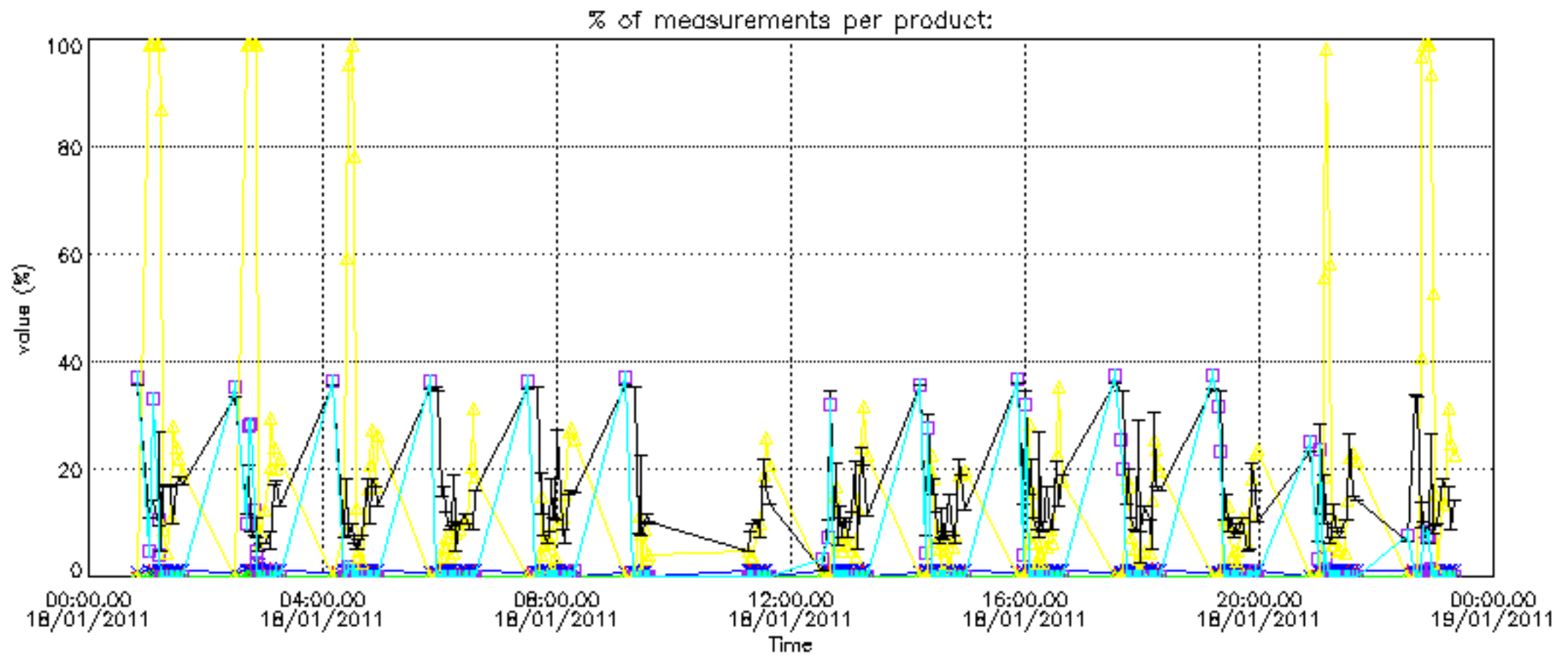


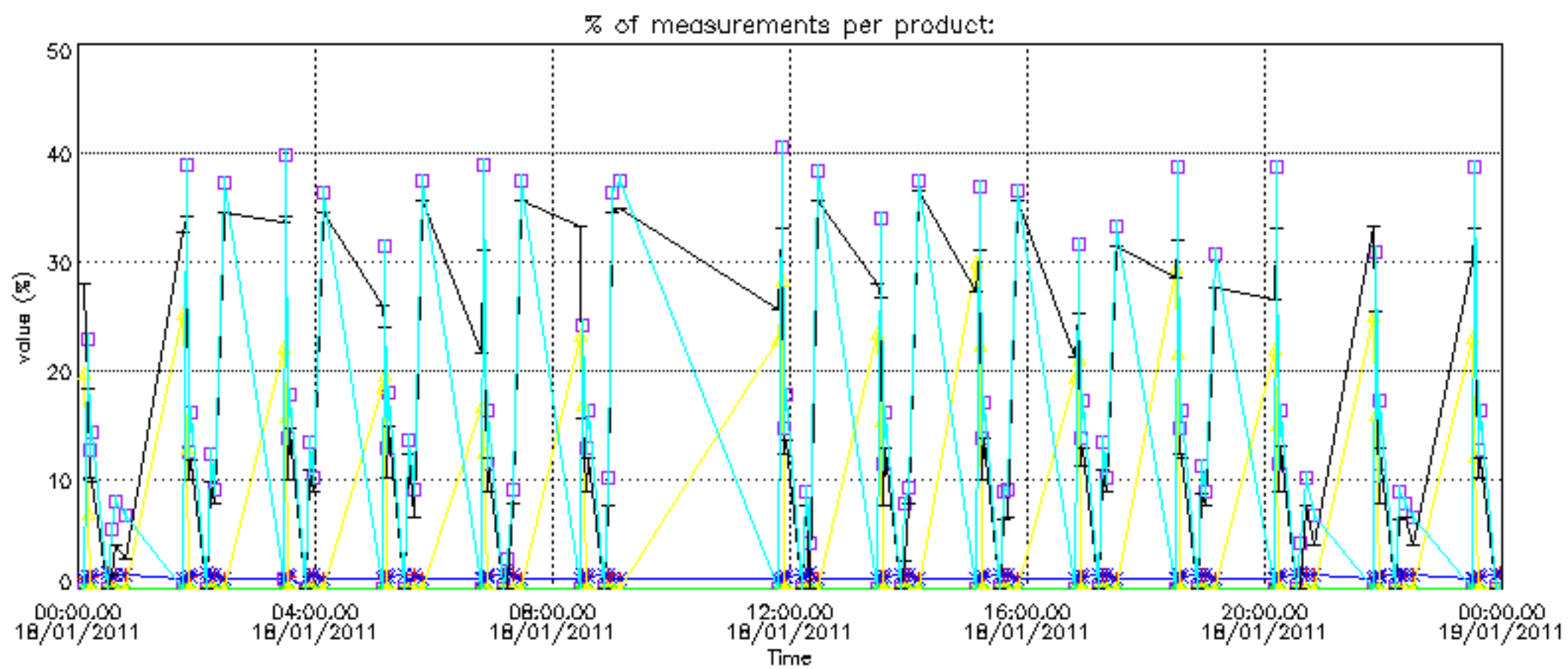
Percentage of flagged data per NO2 profile



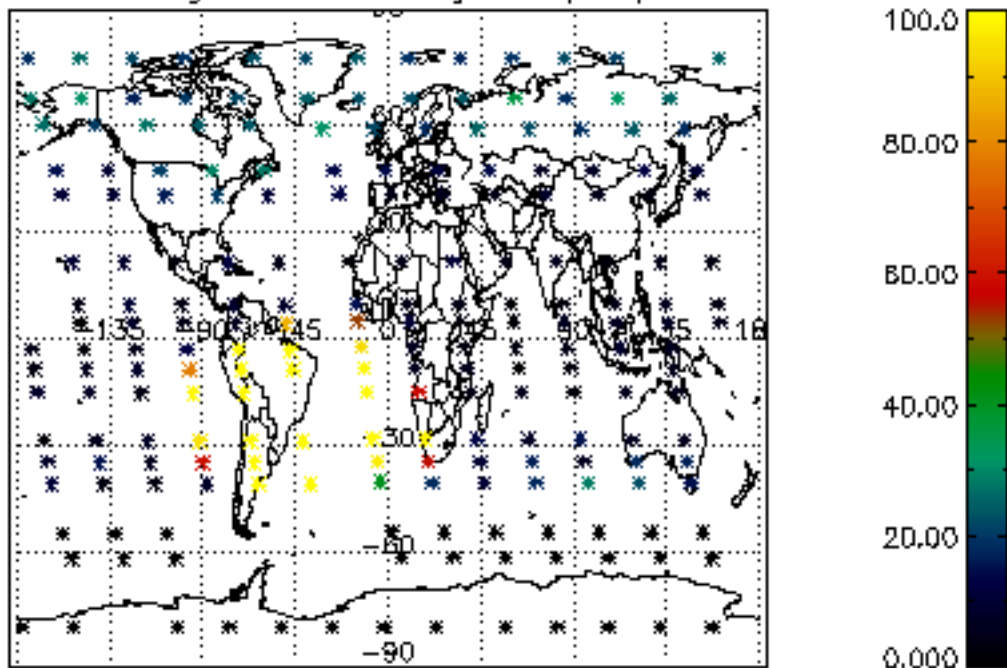
Percentage of flagged data per NO3 profile



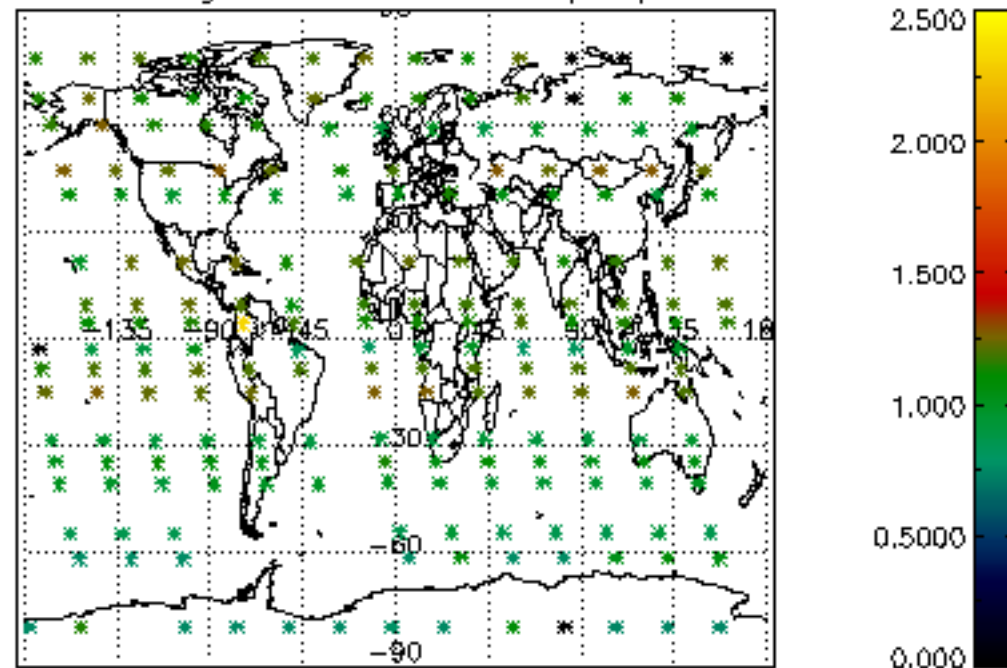




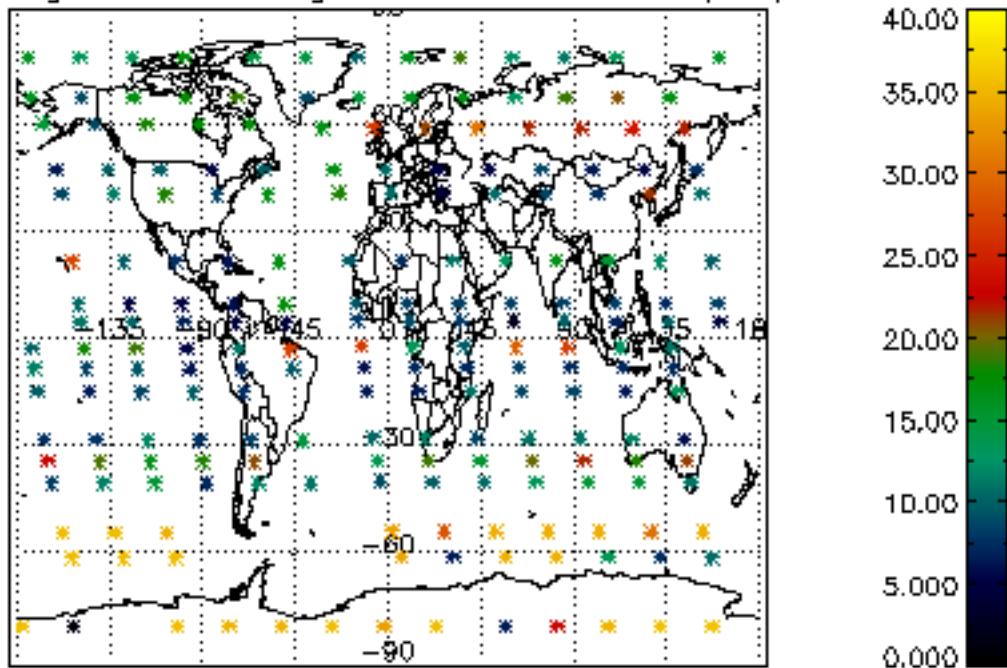
Percentage of cosmic ray hits per profile



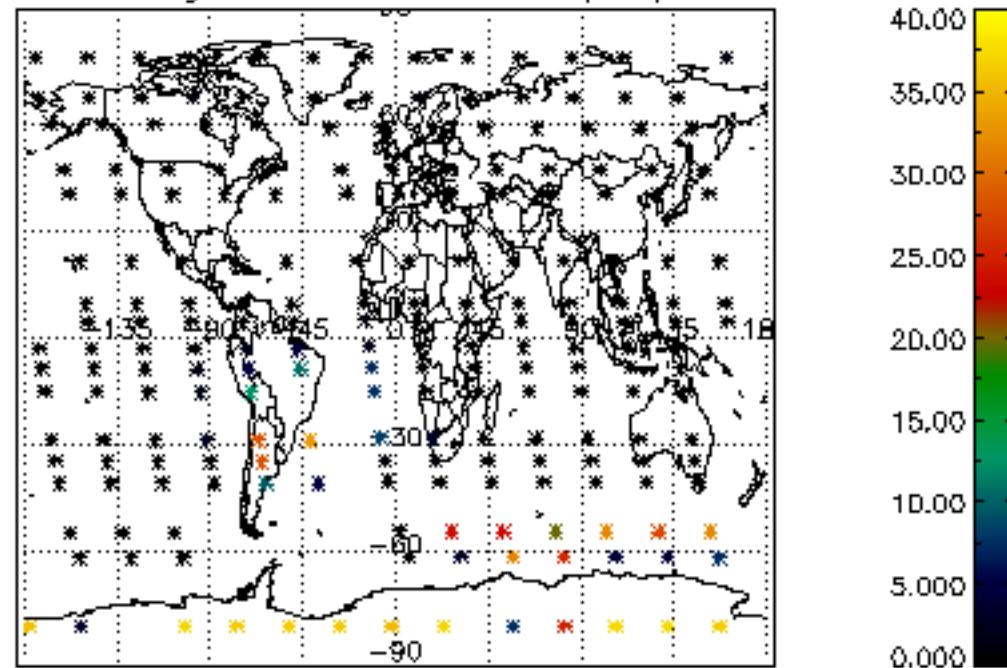
Percentage of datation errors per profile



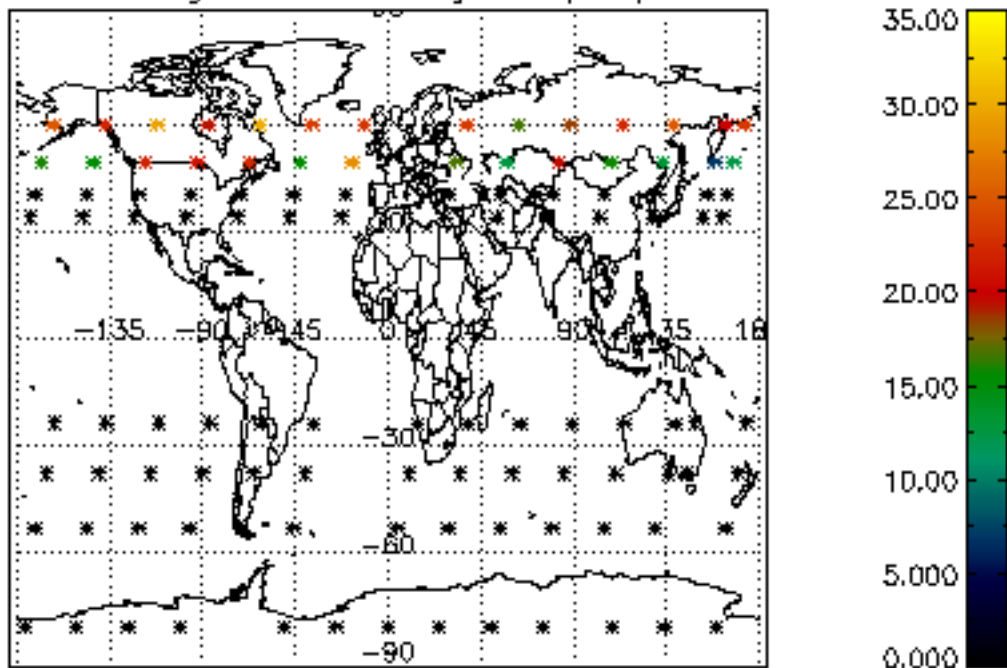
Percentage of star falling outside central band per profile



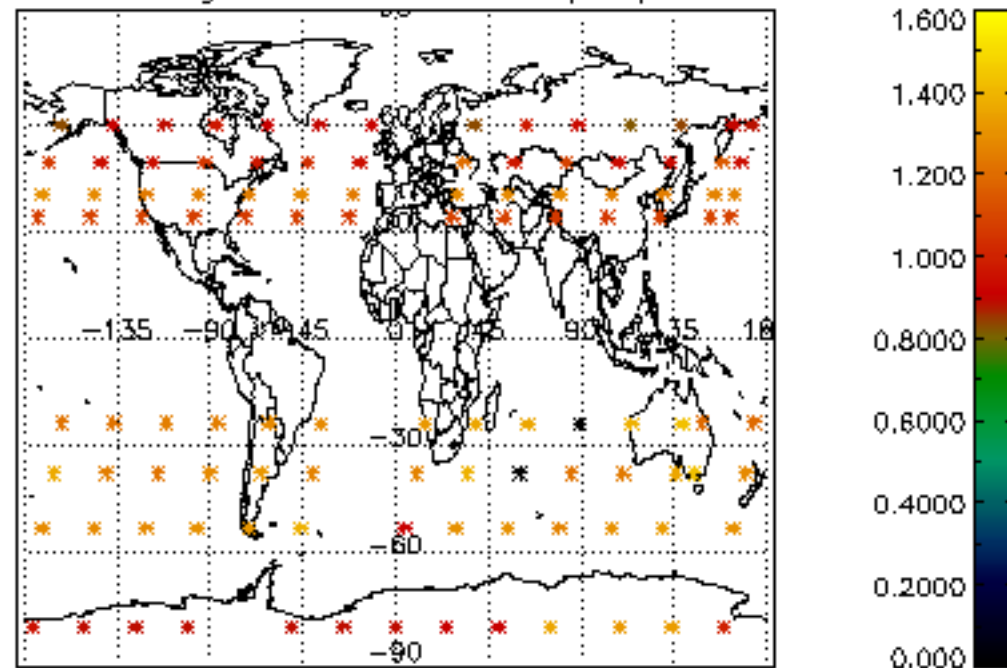
Percentage of saturation errors per profile



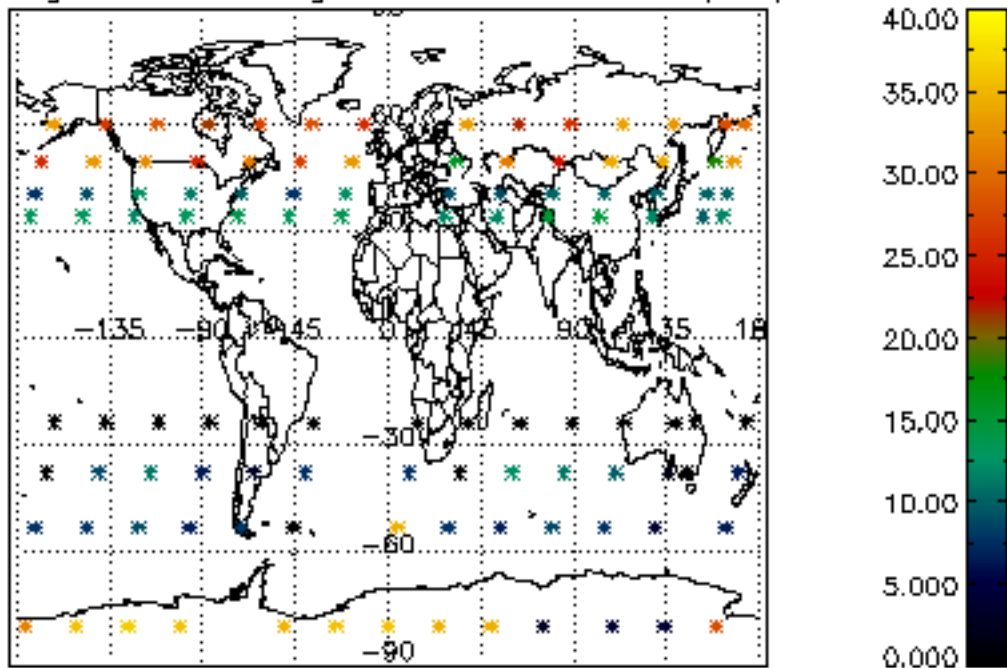
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

