

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	24APR2013 17:06:32
Data source version	GOMOS/6.01
Start time of products	18-08-2011 (18AUG2011 00:00:00)
Stop time of products	19-08-2011 (19AUG2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	329
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__2PRFIN20110818_000748_000000513105_00347_49499_4976.N1	18-AUG-2011 00:07:48	Dark	50.500	157	The1Eri	2.9060	9300.0	101	49499	No
2	GOM_NL__2PRFIN20110818_001134_000000453105_00347_49499_4977.N1	18-AUG-2011 00:11:34	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49499	No
3	GOM_NL__2PRFIN20110818_001722_000000553105_00347_49499_4978.N1	18-AUG-2011 00:17:22	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49499	No
4	GOM_NL__2PRFIN20110818_002038_000000413105_00347_49499_4979.N1	18-AUG-2011 00:20:38	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	49499	No
5	GOM_NL__2PRFIN20110818_002435_000000553105_00347_49499_4980.N1	18-AUG-2011 00:24:35	Twilight_and_stray	54.500	18	24Alp PsA	1.1660	9700.0	109	49499	No
6	GOM_NL__2PRFIN20110818_003002_000000443105_00347_49499_4981.N1	18-AUG-2011 00:30:02	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	49499	No
7	GOM_NL__2PRFIN20110818_003325_000000423105_00347_49499_4982.N1	18-AUG-2011 00:33:25	Bright	42.000	154	22Bet Aqr	2.8990	5700.0	84	49499	No
8	GOM_NL__2PRFIN20110818_003519_000000473105_00347_49499_4983.N1	18-AUG-2011 00:35:19	Bright	47.000	162	34Alp Aqr	2.9440	5350.0	94	49499	No
9	GOM_NL__2PRFIN20110818_003826_000000443105_00347_49499_4984.N1	18-AUG-2011 00:38:26	Bright	43.500	61	8Eps Peg	2.1000	3900.0	87	49499	No
10	GOM_NL__2PRFIN20110818_004459_000000393105_00347_49499_4985.N1	18-AUG-2011 00:44:59	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49499	No
11	GOM_NL__2PRFIN20110818_004637_000000383105_00347_49499_4986.N1	18-AUG-2011 00:46:37	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	49499	No
12	GOM_NL__2PRFIN20110818_004810_000000373105_00347_49499_4987.N1	18-AUG-2011 00:48:10	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	49499	No
13	GOM_NL__2PRFIN20110818_005327_000000393105_00347_49499_4988.N1	18-AUG-2011 00:53:27	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	49499	No
14	GOM_NL__2PRFIN20110818_005753_000000443105_00347_49499_4989.N1	18-AUG-2011 00:57:53	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	49499	No
15	GOM_NL__2PRFIN20110818_011305_000000503105_00347_49499_4990.N1	18-AUG-2011 01:13:05	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	49499	No
16	GOM_NL__2PRFIN20110818_011605_000000403105_00347_49499_4991.N1	18-AUG-2011 01:16:05	Bright	40.000	107	37The Aur	2.6490	11000.	80	49499	No
17	GOM_NL__2PRFIN20110818_011915_000000563105_00347_49499_4992.N1	18-AUG-2011 01:19:15	Twilight_and_stray	55.500	28	12Bet Tau	1.6500	15200.	111	49499	No
18	GOM_NL__2PRFIN20110818_012206_000000453105_00347_49499_4993.N1	18-AUG-2011 01:22:06	Twilight_and_stray	44.500	44	24Gam Gem	1.9280	11000.	89	49499	No
19	GOM_NL__2PRFIN20110818_012543_000000563105_00347_49499_4994.N1	18-AUG-2011 01:25:43	Dark	55.500	14	58Alp Ori	0.87000	3000.0	111	49499	No
20	GOM_NL__2PRFIN20110818_012901_000000533105_00347_49499_4995.N1	18-AUG-2011 01:29:01	Dark	52.500	30	46Eps Ori	1.6940	30000.	105	49499	No
21	GOM_NL__2PRFIN20110818_013028_000000483105_00347_49499_4996.N1	18-AUG-2011 01:30:28	Dark	47.500	125	44Iot Ori	2.7700	30000.	95	49499	No
22	GOM_NL__2PRFIN20110818_013208_000000613105_00347_49499_4997.N1	18-AUG-2011 01:32:08	Dark	60.500	7	19Bet Ori	0.10000	14000.	121	49499	No
23	GOM_NL__2PRFIN20110818_013355_000000503105_00347_49499_4998.N1	18-AUG-2011 01:33:55	Dark	49.500	101	11Alp Lep	2.5820	7000.0	99	49499	No
24	GOM_NL__2PRFIN20110818_014803_000000533105_00348_49500_4976.N1	18-AUG-2011 01:48:03	Dark	53.000	157	The1Eri	2.9060	9300.0	106	49500	No
25	GOM_NL__2PRFIN20110818_015148_000000473105_00348_49500_4977.N1	18-AUG-2011 01:51:48	Dark	47.000	9	Alp Eri	0.45300	24000.	94	49500	No
26	GOM_NL__2PRFIN20110818_015736_000000623105_00348_49500_4978.N1	18-AUG-2011 01:57:36	Straylight	62.000	84	Alp Phe	2.3970	4500.0	124	49500	No
27	GOM_NL__2PRFIN20110818_020052_000000423105_00348_49500_4979.N1	18-AUG-2011 02:00:52	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49500	No
28	GOM_NL__2PRFIN20110818_020449_000000533105_00348_49500_4980.N1	18-AUG-2011 02:04:49	Twilight_and_stray	53.000	18	24Alp PsA	1.1660	9700.0	106	49500	No
29	GOM_NL__2PRFIN20110818_021017_000000413105_00348_49500_4981.N1	18-AUG-2011 02:10:17	Bright	41.000	142	49Del Cap	2.8500	8900.0	82	49500	No
30	GOM_NL__2PRFIN20110818_021339_000000413105_00348_49500_4982.N1	18-AUG-2011 02:13:39	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49500	No
31	GOM_NL__2PRFIN20110818_021532_000000473105_00348_49500_4983.N1	18-AUG-2011 02:15:32	Bright	46.500	162	34Alp Aqr	2.9440	5350.0	93	49500	No
32	GOM_NL__2PRFIN20110818_021840_000000423105_00348_49500_4984.N1	18-AUG-2011 02:18:40	Bright	42.000	61	8Eps Peg	2.1000	3900.0	84	49500	No
33	GOM_NL__2PRFIN20110818_022512_000000393105_00348_49500_4985.N1	18-AUG-2011 02:25:12	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49500	No
34	GOM_NL__2PRFIN20110818_022651_000000383105_00348_49500_4986.N1	18-AUG-2011 02:26:51	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	49500	No
35	GOM_NL__2PRFIN20110818_022824_000000383105_00348_49500_4987.N1	18-AUG-2011 02:28:24	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49500	No
36	GOM_NL__2PRFIN20110818_023341_000000373105_00348_49500_4988.N1	18-AUG-2011 02:33:41	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	49500	No
37	GOM_NL__2PRFIN20110818_023806_000000463105_00348_49500_4989.N1	18-AUG-2011 02:38:06	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	49500	No
38	GOM_NL__2PRFIN20110818_025318_000000493105_00348_49500_4990.N1	18-AUG-2011 02:53:18	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	49500	No
39	GOM_NL__2PRFIN20110818_025619_000000403105_00348_49500_4991.N1	18-AUG-2011 02:56:19	Bright	39.500	107	37The Aur	2.6490	11000.	79	49500	No
40	GOM_NL__2PRFIN20110818_025929_000000543105_00348_49500_4992.N1	18-AUG-2011 02:59:29	Twilight_and_stray	54.000	28	12Bet Tau	1.6500	15200.	108	49500	No
41	GOM_NL__2PRFIN20110818_030220_000000453105_00348_49500_4993.N1	18-AUG-2011 03:02:20	Twilight_and_stray	44.500	44	24Gam Gem	1.9280	11000.	89	49500	No
42	GOM_NL__2PRFIN20110818_030558_000000593105_00348_49500_4994.N1	18-AUG-2011 03:05:58	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	49500	No

43	GOM_NL__2PRFIN20110818_030916_000000503105_00348_49500_4995.N1	18-AUG-2011 03:09:16	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	49500	No
44	GOM_NL__2PRFIN20110818_031043_000000473105_00348_49500_4996.N1	18-AUG-2011 03:10:43	Dark	46.500	125	44Iot Ori	2.7700	30000.	93	49500	No
45	GOM_NL__2PRFIN20110818_031223_000000613105_00348_49500_4997.N1	18-AUG-2011 03:12:23	Dark	60.500	7	19Bet Ori	0.10000	14000.	121	49500	No
46	GOM_NL__2PRFIN20110818_031410_000000483105_00348_49500_4998.N1	18-AUG-2011 03:14:10	Dark	47.500	101	11Alp Lep	2.5820	7000.0	95	49500	No
47	GOM_NL__2PRFIN20110818_032818_000000533105_00349_49501_4976.N1	18-AUG-2011 03:28:18	Dark	53.000	157	The1Eri	2.9060	9300.0	106	49501	No
48	GOM_NL__2PRFIN20110818_033203_000000463105_00349_49501_4977.N1	18-AUG-2011 03:32:03	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49501	No
49	GOM_NL__2PRFIN20110818_033751_000000563105_00349_49501_4978.N1	18-AUG-2011 03:37:51	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	49501	No
50	GOM_NL__2PRFIN20110818_034106_000000423105_00349_49501_4979.N1	18-AUG-2011 03:41:06	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	49501	No
51	GOM_NL__2PRFIN20110818_034504_000000553105_00349_49501_4980.N1	18-AUG-2011 03:45:04	Twi_and_stray	55.000	18	24Alp PsA	1.1660	9700.0	110	49501	No
52	GOM_NL__2PRFIN20110818_035031_000000423105_00349_49501_4981.N1	18-AUG-2011 03:50:31	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	49501	No
53	GOM_NL__2PRFIN20110818_035353_000000423105_00349_49501_4982.N1	18-AUG-2011 03:53:53	Bright	41.500	154	22Bet Aqr	2.8990	5700.0	83	49501	No
54	GOM_NL__2PRFIN20110818_035546_000000473105_00349_49501_4983.N1	18-AUG-2011 03:55:46	Bright	47.000	162	34Alp Aqr	2.9440	5350.0	94	49501	No
55	GOM_NL__2PRFIN20110818_035854_000000443105_00349_49501_4984.N1	18-AUG-2011 03:58:54	Bright	44.000	61	8Eps Peg	2.1000	3900.0	88	49501	No
56	GOM_NL__2PRFIN20110818_040526_000000393105_00349_49501_4985.N1	18-AUG-2011 04:05:26	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	49501	No
57	GOM_NL__2PRFIN20110818_040705_000000373105_00349_49501_4986.N1	18-AUG-2011 04:07:05	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	49501	No
58	GOM_NL__2PRFIN20110818_040838_000000383105_00349_49501_4987.N1	18-AUG-2011 04:08:38	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49501	No
59	GOM_NL__2PRFIN20110818_041354_000000353105_00349_49501_4988.N1	18-AUG-2011 04:13:54	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	49501	No
60	GOM_NL__2PRFIN20110818_041819_000000463105_00349_49501_4989.N1	18-AUG-2011 04:18:19	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	49501	No
61	GOM_NL__2PRFIN20110818_043332_000000513105_00349_49501_4990.N1	18-AUG-2011 04:33:32	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	49501	No
62	GOM_NL__2PRFIN20110818_043633_000000493105_00349_49501_4991.N1	18-AUG-2011 04:36:33	Bright	48.500	107	37The Aur	2.6490	11000.	97	49501	No
63	GOM_NL__2PRFIN20110818_043943_000000543105_00349_49501_4992.N1	18-AUG-2011 04:39:43	Twi_and_stray	53.500	28	12Bet Tau	1.6500	15200.	107	49501	No
64	GOM_NL__2PRFIN20110818_044235_000000463105_00349_49501_4993.N1	18-AUG-2011 04:42:35	Twi_and_stray	46.000	44	24Gam Gem	1.9280	11000.	92	49501	No
65	GOM_NL__2PRFIN20110818_044612_000000623105_00349_49501_4994.N1	18-AUG-2011 04:46:12	Dark	62.000	14	58Alp Ori	0.87000	3000.0	124	49501	No
66	GOM_NL__2PRFIN20110818_044931_000000523105_00349_49501_4995.N1	18-AUG-2011 04:49:31	Dark	52.000	30	46Eps Ori	1.6940	30000.	104	49501	No
67	GOM_NL__2PRFIN20110818_045058_000000483105_00349_49501_4996.N1	18-AUG-2011 04:50:58	Dark	48.000	125	44Iot Ori	2.7700	30000.	96	49501	No
68	GOM_NL__2PRFIN20110818_045238_000000613105_00349_49501_4997.N1	18-AUG-2011 04:52:38	Dark	60.500	7	19Bet Ori	0.10000	14000.	121	49501	No
69	GOM_NL__2PRFIN20110818_045425_000000493105_00349_49501_4998.N1	18-AUG-2011 04:54:25	Dark	48.500	101	11Alp Lep	2.5820	7000.0	97	49501	No
70	GOM_NL__2PRFIN20110818_050833_000000513105_00350_49502_4969.N1	18-AUG-2011 05:08:33	Dark	51.000	157	The1Eri	2.9060	9300.0	102	49502	No
71	GOM_NL__2PRFIN20110818_051218_000000473105_00350_49502_4970.N1	18-AUG-2011 05:12:18	Dark	46.500	9	Alp Eri	0.45300	24000.	93	49502	No
72	GOM_NL__2PRFIN20110818_051806_000000543105_00350_49502_4971.N1	18-AUG-2011 05:18:06	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49502	No
73	GOM_NL__2PRFIN20110818_052121_000000423105_00350_49502_4972.N1	18-AUG-2011 05:21:21	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	49502	No
74	GOM_NL__2PRFIN20110818_052518_000000543105_00350_49502_4973.N1	18-AUG-2011 05:25:18	Twi_and_stray	54.000	18	24Alp PsA	1.1660	9700.0	108	49502	No
75	GOM_NL__2PRFIN20110818_053045_000000443105_00350_49502_4974.N1	18-AUG-2011 05:30:45	Bright	44.000	142	49Del Cap	2.8500	8900.0	88	49502	No
76	GOM_NL__2PRFIN20110818_053407_000000413105_00350_49502_4975.N1	18-AUG-2011 05:34:07	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49502	No
77	GOM_NL__2PRFIN20110818_053600_000000473105_00350_49502_4976.N1	18-AUG-2011 05:36:00	Bright	46.500	162	34Alp Aqr	2.9440	5350.0	93	49502	No
78	GOM_NL__2PRFIN20110818_053908_000000433105_00350_49502_4977.N1	18-AUG-2011 05:39:08	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	49502	No
79	GOM_NL__2PRFIN20110818_054540_000000393105_00350_49502_4978.N1	18-AUG-2011 05:45:40	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49502	No
80	GOM_NL__2PRFIN20110818_054719_000000383105_00350_49502_4979.N1	18-AUG-2011 05:47:19	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	49502	No
81	GOM_NL__2PRFIN20110818_054852_000000393105_00350_49502_4980.N1	18-AUG-2011 05:48:52	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	49502	No
82	GOM_NL__2PRFIN20110818_055408_000000373105_00350_49502_4981.N1	18-AUG-2011 05:54:08	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	49502	No
83	GOM_NL__2PRFIN20110818_055832_000000463105_00350_49502_4982.N1	18-AUG-2011 05:58:32	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	49502	No
84	GOM_NL__2PRFIN20110818_061346_000000493105_00350_49502_4983.N1	18-AUG-2011 06:13:46	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	49502	No
85	GOM_NL__2PRFIN20110818_061647_000000403105_00350_49502_4984.N1	18-AUG-2011 06:16:47	Bright	40.000	107	37The Aur	2.6490	11000.	80	49502	No
86	GOM_NL__2PRFIN20110818_061957_000000563105_00350_49502_4985.N1	18-AUG-2011 06:19:57	Twi_and_stray	55.500	28	12Bet Tau	1.6500	15200.	111	49502	No
87	GOM_NL__2PRFIN20110818_062249_000000463105_00350_49502_4986.N1	18-AUG-2011 06:22:49	Twi_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	49502	No
88	GOM_NL__2PRFIN20110818_062627_000000533105_00350_49502_4987.N1	18-AUG-2011 06:26:27	Dark	52.500	14	58Alp Ori	0.87000	3000.0	105	49502	No
89	GOM_NL__2PRFIN20110818_062945_000000503105_00350_49502_4988.N1	18-AUG-2011 06:29:45	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	49502	No
90	GOM_NL__2PRFIN20110818_063112_000000473105_00350_49502_4989.N1	18-AUG-2011 06:31:12	Dark	46.500	125	44Iot Ori	2.7700	30000.	93	49502	No
91	GOM_NL__2PRFIN20110818_063253_000000573105_00350_49502_4990.N1	18-AUG-2011 06:32:53	Dark	56.500	7	19Bet Ori	0.10000	14000.	113	49502	No
92	GOM_NL__2PRFIN20110818_063439_000000463105_00350_49502_4991.N1	18-AUG-2011 06:34:39	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	49502	No
93	GOM_NL__2PRFIN20110818_064848_000000523105_00351_49503_4969.N1	18-AUG-2011 06:48:48	Dark	52.000	157	The1Eri	2.9060	9300.0	104	49503	No
94	GOM_NL__2PRFIN20110818_065232_000000463105_00351_49503_4970.N1	18-AUG-2011 06:52:32	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49503	No
95	GOM_NL__2PRFIN20110818_065821_000000523105_00351_49503_4971.N1	18-AUG-2011 06:58:21	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	49503	No
96	GOM_NL__2PRFIN20110818_070135_000000443105_00351_49503_4972.N1	18-AUG-2011 07:01:35	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	49503	No
97	GOM_NL__2PRFIN20110818_070533_000000553105_00351_49503_4973.N1	18-AUG-2011 07:05:33	Twi_and_stray	54.500	18	24Alp PsA	1.1660	9700.0	109	49503	No
98	GOM_NL__2PRFIN20110818_071059_000000433105_00351_49503_4974.N1	18-AUG-2011 07:10:59	Bright	43.000	142	49Del Cap	2.8500	8900.0	86	49503	No
99	GOM_NL__2PRFIN20110818_071421_000000423105_00351_49503_4975.N1	18-AUG-2011 07:14:21	Bright	42.000	154	22Bet Aqr	2.8990	5700.0	84	49503	No
100	GOM_NL__2PRFIN20110818_071614_000000463105_00351_49503_4976.N1	18-AUG-2011 07:16:14	Bright	46.000	162	34Alp Aqr	2.9440	5350.0	92	49503	No
101	GOM_NL__2PRFIN20110818_071921_000000453105_00351_49503_4977.N1	18-AUG-2011 07:19:21	Bright	44.500	61	8Eps Peg	2.1000	3900.0	89	49503	No

102	GOM_NL__2PRFIN20110818_072554_000000393105_00351_49503_4978.N1	18-AUG-2011 07:25:54	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49503	No
103	GOM_NL__2PRFIN20110818_072733_000000383105_00351_49503_4979.N1	18-AUG-2011 07:27:33	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	49503	No
104	GOM_NL__2PRFIN20110818_072906_000000383105_00351_49503_4980.N1	18-AUG-2011 07:29:06	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49503	No
105	GOM_NL__2PRFIN20110818_073422_000000383105_00351_49503_4981.N1	18-AUG-2011 07:34:22	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49503	No
106	GOM_NL__2PRFIN20110818_073846_000000463105_00351_49503_4982.N1	18-AUG-2011 07:38:46	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	49503	No
107	GOM_NL__2PRFIN20110818_075400_000000483105_00351_49503_4983.N1	18-AUG-2011 07:54:00	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	49503	No
108	GOM_NL__2PRFIN20110818_075701_000000393105_00351_49503_4984.N1	18-AUG-2011 07:57:01	Bright	39.000	107	37The Aur	2.6490	11000.	78	49503	No
109	GOM_NL__2PRFIN20110818_080011_000000543105_00351_49503_4985.N1	18-AUG-2011 08:00:11	Twilight	53.500	28	12Bet Tau	1.6500	15200.	107	49503	No
110	GOM_NL__2PRFIN20110818_080303_000000453105_00351_49503_4986.N1	18-AUG-2011 08:03:03	Twilight	45.000	44	24Gam Gem	1.9280	11000.	90	49503	No
111	GOM_NL__2PRFIN20110818_080641_000000623105_00351_49503_4987.N1	18-AUG-2011 08:06:41	Dark	62.000	14	58Alp Ori	0.87000	3000.0	124	49503	No
112	GOM_NL__2PRFIN20110818_081000_000000513105_00351_49503_4988.N1	18-AUG-2011 08:10:00	Dark	50.500	30	46Eps Ori	1.6940	30000.	101	49503	No
113	GOM_NL__2PRFIN20110818_081127_000000493105_00351_49503_4989.N1	18-AUG-2011 08:11:27	Dark	48.500	125	44lot Ori	2.7700	30000.	97	49503	No
114	GOM_NL__2PRFIN20110818_081308_000000613105_00351_49503_4990.N1	18-AUG-2011 08:13:08	Dark	60.500	7	19Bet Ori	0.10000	14000.	121	49503	No
115	GOM_NL__2PRFIN20110818_081454_000000493105_00351_49503_4991.N1	18-AUG-2011 08:14:54	Dark	48.500	101	11Alp Lep	2.5820	7000.0	97	49503	No
116	GOM_NL__2PRFIN20110818_082904_000000513105_00352_49504_4969.N1	18-AUG-2011 08:29:04	Dark	50.500	157	The1Eri	2.9060	9300.0	101	49504	No
117	GOM_NL__2PRFIN20110818_083247_000000503105_00352_49504_4970.N1	18-AUG-2011 08:32:47	Dark	49.500	9	Alp Eri	0.45300	24000.	99	49504	No
118	GOM_NL__2PRFIN20110818_083835_000000543105_00352_49504_4971.N1	18-AUG-2011 08:38:35	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49504	No
119	GOM_NL__2PRFIN20110818_084150_000000423105_00352_49504_4972.N1	18-AUG-2011 08:41:50	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49504	No
120	GOM_NL__2PRFIN20110818_084547_000000543105_00352_49504_4973.N1	18-AUG-2011 08:45:47	Twilight	53.500	18	24Alp PsA	1.1660	9700.0	107	49504	No
121	GOM_NL__2PRFIN20110818_085113_000000483105_00352_49504_4974.N1	18-AUG-2011 08:51:13	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	49504	No
122	GOM_NL__2PRFIN20110818_085435_000000413105_00352_49504_4975.N1	18-AUG-2011 08:54:35	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49504	No
123	GOM_NL__2PRFIN20110818_085628_000000463105_00352_49504_4976.N1	18-AUG-2011 08:56:28	Bright	46.000	162	34Alp Aqr	2.9440	5350.0	92	49504	No
124	GOM_NL__2PRFIN20110818_085935_000000423105_00352_49504_4977.N1	18-AUG-2011 08:59:35	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	49504	No
125	GOM_NL__2PRFIN20110818_090608_000000393105_00352_49504_4978.N1	18-AUG-2011 09:06:08	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	49504	No
126	GOM_NL__2PRFIN20110818_090747_000000373105_00352_49504_4979.N1	18-AUG-2011 09:07:47	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	49504	No
127	GOM_NL__2PRFIN20110818_090919_000000393105_00352_49504_4980.N1	18-AUG-2011 09:09:19	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	49504	No
128	GOM_NL__2PRFIN20110818_091436_000000383105_00352_49504_4981.N1	18-AUG-2011 09:14:36	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49504	No
129	GOM_NL__2PRFIN20110818_091859_000000473105_00352_49504_4982.N1	18-AUG-2011 09:18:59	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	49504	No
130	GOM_NL__2PRFIN20110818_093414_000000463105_00352_49504_4983.N1	18-AUG-2011 09:34:14	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	49504	No
131	GOM_NL__2PRFIN20110818_093715_000000603105_00352_49504_4984.N1	18-AUG-2011 09:37:15	Bright	60.000	107	37The Aur	2.6490	11000.	120	49504	No
132	GOM_NL__2PRFIN20110818_094026_000000573105_00352_49504_4985.N1	18-AUG-2011 09:40:26	Twilight	57.000	28	12Bet Tau	1.6500	15200.	114	49504	No
133	GOM_NL__2PRFIN20110818_094318_000000433105_00352_49504_4986.N1	18-AUG-2011 09:43:18	Twilight	42.500	44	24Gam Gem	1.9280	11000.	85	49504	No
134	GOM_NL__2PRFIN20110818_094656_000000443105_00352_49504_4987.N1	18-AUG-2011 09:46:56	Dark	43.500	14	58Alp Ori	0.87000	3000.0	87	49504	No
135	GOM_NL__2PRFIN20110818_095015_000000523105_00352_49504_4988.N1	18-AUG-2011 09:50:15	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	49504	No
136	GOM_NL__2PRFIN20110818_095142_000000473105_00352_49504_4989.N1	18-AUG-2011 09:51:42	Dark	46.500	125	44lot Ori	2.7700	30000.	93	49504	No
137	GOM_NL__2PRFIN20110818_095323_000000583105_00352_49504_4990.N1	18-AUG-2011 09:53:23	Dark	57.500	7	19Bet Ori	0.10000	14000.	115	49504	No
138	GOM_NL__2PRFIN20110818_095509_000000473105_00352_49504_4991.N1	18-AUG-2011 09:55:09	Dark	47.000	101	11Alp Lep	2.5820	7000.0	94	49504	No
139	GOM_NL__2PRFIN20110818_100919_000000513105_00353_49505_4969.N1	18-AUG-2011 10:09:19	Dark	51.000	157	The1Eri	2.9060	9300.0	102	49505	No
140	GOM_NL__2PRFIN20110818_101302_000000433105_00353_49505_4970.N1	18-AUG-2011 10:13:02	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49505	No
141	GOM_NL__2PRFIN20110818_101850_000000543105_00353_49505_4971.N1	18-AUG-2011 10:18:50	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49505	No
142	GOM_NL__2PRFIN20110818_102204_000000423105_00353_49505_4972.N1	18-AUG-2011 10:22:04	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49505	No
143	GOM_NL__2PRFIN20110818_102601_000000533105_00353_49505_4973.N1	18-AUG-2011 10:26:01	Twilight	53.000	18	24Alp PsA	1.1660	9700.0	106	49505	No
144	GOM_NL__2PRFIN20110818_103127_000000443105_00353_49505_4974.N1	18-AUG-2011 10:31:27	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	49505	No
145	GOM_NL__2PRFIN20110818_103449_000000413105_00353_49505_4975.N1	18-AUG-2011 10:34:49	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49505	No
146	GOM_NL__2PRFIN20110818_103641_000000473105_00353_49505_4976.N1	18-AUG-2011 10:36:41	Bright	46.500	162	34Alp Aqr	2.9440	5350.0	93	49505	No
147	GOM_NL__2PRFIN20110818_103949_000000423105_00353_49505_4977.N1	18-AUG-2011 10:39:49	Bright	42.000	61	8Eps Peg	2.1000	3900.0	84	49505	No
148	GOM_NL__2PRFIN20110818_104622_000000403105_00353_49505_4978.N1	18-AUG-2011 10:46:22	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	49505	No
149	GOM_NL__2PRFIN20110818_104801_000000383105_00353_49505_4979.N1	18-AUG-2011 10:48:01	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	49505	No
150	GOM_NL__2PRFIN20110818_104933_000000393105_00353_49505_4980.N1	18-AUG-2011 10:49:33	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	49505	No
151	GOM_NL__2PRFIN20110818_105449_000000393105_00353_49505_4981.N1	18-AUG-2011 10:54:49	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49505	No
152	GOM_NL__2PRFIN20110818_105912_000000493105_00353_49505_4982.N1	18-AUG-2011 10:59:12	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	49505	No
153	GOM_NL__2PRFIN20110818_111428_000000503105_00353_49505_4983.N1	18-AUG-2011 11:14:28	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	49505	No
154	GOM_NL__2PRFIN20110818_111729_000000413105_00353_49505_4984.N1	18-AUG-2011 11:17:29	Bright	41.000	107	37The Aur	2.6490	11000.	82	49505	No
155	GOM_NL__2PRFIN20110818_112040_000000533105_00353_49505_4985.N1	18-AUG-2011 11:20:40	Twilight	52.500	28	12Bet Tau	1.6500	15200.	105	49505	No
156	GOM_NL__2PRFIN20110818_112332_000000423105_00353_49505_4986.N1	18-AUG-2011 11:23:32	Twilight	42.000	44	24Gam Gem	1.9280	11000.	84	49505	No
157	GOM_NL__2PRFIN20110818_112710_000000543105_00353_49505_4987.N1	18-AUG-2011 11:27:10	Dark	54.000	14	58Alp Ori	0.87000	3000.0	108	49505	No
158	GOM_NL__2PRFIN20110818_113029_000000523105_00353_49505_4988.N1	18-AUG-2011 11:30:29	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	49505	No
159	GOM_NL__2PRFIN20110818_113156_000000493105_00353_49505_4989.N1	18-AUG-2011 11:31:56	Dark	48.500	125	44lot Ori	2.7700	30000.	97	49505	No
160	GOM_NL__2PRFIN20110818_113338_000000583105_00353_49505_4990.N1	18-AUG-2011 11:33:38	Dark	57.500	7	19Bet Ori	0.10000	14000.	115	49505	No

161	GOM_NL__2PRFIN20110818_113524_000000473105_00353_49505_4991.N1	18-AUG-2011 11:35:24	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	49505	No
162	GOM_NL__2PRFIN20110818_114934_000000513105_00354_49506_4969.N1	18-AUG-2011 11:49:34	Dark	51.000	157	The1Eri	2.9060	9300.0	102	49506	No
163	GOM_NL__2PRFIN20110818_115316_000000453105_00354_49506_4970.N1	18-AUG-2011 11:53:16	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49506	No
164	GOM_NL__2PRFIN20110818_115905_000000513105_00354_49506_4971.N1	18-AUG-2011 11:59:05	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	49506	No
165	GOM_NL__2PRFIN20110818_120218_000000433105_00354_49506_4972.N1	18-AUG-2011 12:02:18	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	49506	No
166	GOM_NL__2PRFIN20110818_120616_000000533105_00354_49506_4973.N1	18-AUG-2011 12:06:16	Tw_i_and_stray	52.500	18	24Alp PsA	1.1660	9700.0	105	49506	No
167	GOM_NL__2PRFIN20110818_121141_000000423105_00354_49506_4974.N1	18-AUG-2011 12:11:41	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	49506	No
168	GOM_NL__2PRFIN20110818_121503_000000413105_00354_49506_4975.N1	18-AUG-2011 12:15:03	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49506	No
169	GOM_NL__2PRFIN20110818_121655_000000473105_00354_49506_4976.N1	18-AUG-2011 12:16:55	Bright	46.500	162	34Alp Aqr	2.9440	5350.0	93	49506	No
170	GOM_NL__2PRFIN20110818_122002_000000433105_00354_49506_4977.N1	18-AUG-2011 12:20:02	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	49506	No
171	GOM_NL__2PRFIN20110818_122635_000000363105_00354_49506_4978.N1	18-AUG-2011 12:26:35	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	49506	No
172	GOM_NL__2PRFIN20110818_122814_000000373105_00354_49506_4979.N1	18-AUG-2011 12:28:14	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	49506	No
173	GOM_NL__2PRFIN20110818_122947_000000393105_00354_49506_4980.N1	18-AUG-2011 12:29:47	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	49506	No
174	GOM_NL__2PRFIN20110818_123503_000000383105_00354_49506_4981.N1	18-AUG-2011 12:35:03	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	49506	No
175	GOM_NL__2PRFIN20110818_123925_000000493105_00354_49506_4982.N1	18-AUG-2011 12:39:25	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	49506	No
176	GOM_NL__2PRFIN20110818_125442_000000523105_00354_49506_4983.N1	18-AUG-2011 12:54:42	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	49506	No
177	GOM_NL__2PRFIN20110818_125743_000000403105_00354_49506_4984.N1	18-AUG-2011 12:57:43	Bright	40.000	107	37The Aur	2.6490	11000.	80	49506	No
178	GOM_NL__2PRFIN20110818_130054_000000523105_00354_49506_4985.N1	18-AUG-2011 13:00:54	Tw_i_and_stray	52.000	28	12Bet Tau	1.6500	15200.	104	49506	No
179	GOM_NL__2PRFIN20110818_130346_000000383105_00354_49506_4986.N1	18-AUG-2011 13:03:46	Tw_i_and_stray	38.000	44	24Gam Gem	1.9280	11000.	76	49506	No
180	GOM_NL__2PRFIN20110818_130725_000000563105_00354_49506_4987.N1	18-AUG-2011 13:07:25	Dark	56.000	14	58Alp Ori	0.87000	3000.0	112	49506	No
181	GOM_NL__2PRFIN20110818_131044_000000513105_00354_49506_4988.N1	18-AUG-2011 13:10:44	Dark	51.000	30	46Eps Ori	1.6940	30000.	102	49506	No
182	GOM_NL__2PRFIN20110818_131211_000000493105_00354_49506_4989.N1	18-AUG-2011 13:12:11	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	49506	No
183	GOM_NL__2PRFIN20110818_131352_000000573105_00354_49506_4990.N1	18-AUG-2011 13:13:52	Dark	57.000	7	19Bet Ori	0.10000	14000.	114	49506	No
184	GOM_NL__2PRFIN20110818_131538_000000463105_00354_49506_4991.N1	18-AUG-2011 13:15:38	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	49506	No
185	GOM_NL__2PRFIN20110818_132949_000000513105_00355_49507_4969.N1	18-AUG-2011 13:29:49	Dark	51.000	157	The1Eri	2.9060	9300.0	102	49507	No
186	GOM_NL__2PRFIN20110818_133331_000000463105_00355_49507_4970.N1	18-AUG-2011 13:33:31	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49507	No
187	GOM_NL__2PRFIN20110818_133920_000000513105_00355_49507_4971.N1	18-AUG-2011 13:39:20	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	49507	No
188	GOM_NL__2PRFIN20110818_134232_000000413105_00355_49507_4972.N1	18-AUG-2011 13:42:32	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	49507	No
189	GOM_NL__2PRFIN20110818_134630_000000533105_00355_49507_4973.N1	18-AUG-2011 13:46:30	Tw_i_and_stray	52.500	18	24Alp PsA	1.1660	9700.0	105	49507	No
190	GOM_NL__2PRFIN20110818_135155_000000433105_00355_49507_4974.N1	18-AUG-2011 13:51:55	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	49507	No
191	GOM_NL__2PRFIN20110818_135516_000000413105_00355_49507_4975.N1	18-AUG-2011 13:55:16	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49507	No
192	GOM_NL__2PRFIN20110818_135709_000000463105_00355_49507_4976.N1	18-AUG-2011 13:57:09	Bright	45.500	162	34Alp Aqr	2.9440	5350.0	91	49507	No
193	GOM_NL__2PRFIN20110818_140016_000000433105_00355_49507_4977.N1	18-AUG-2011 14:00:16	Bright	43.000	61	8Eps Peg	2.1000	3900.0	86	49507	No
194	GOM_NL__2PRFIN20110818_140649_000000383105_00355_49507_4978.N1	18-AUG-2011 14:06:49	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	49507	No
195	GOM_NL__2PRFIN20110818_140828_000000383105_00355_49507_4979.N1	18-AUG-2011 14:08:28	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	49507	No
196	GOM_NL__2PRFIN20110818_141001_000000393105_00355_49507_4980.N1	18-AUG-2011 14:10:01	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	49507	No
197	GOM_NL__2PRFIN20110818_141517_000000383105_00355_49507_4981.N1	18-AUG-2011 14:15:17	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49507	No
198	GOM_NL__2PRFIN20110818_141939_000000463105_00355_49507_4982.N1	18-AUG-2011 14:19:39	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	49507	No
199	GOM_NL__2PRFIN20110818_143455_000000493105_00355_49507_4983.N1	18-AUG-2011 14:34:55	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	49507	No
200	GOM_NL__2PRFIN20110818_143757_000000463105_00355_49507_4984.N1	18-AUG-2011 14:37:57	Bright	45.500	107	37The Aur	2.6490	11000.	91	49507	No
201	GOM_NL__2PRFIN20110818_144108_000000533105_00355_49507_4985.N1	18-AUG-2011 14:41:08	Tw_i_and_stray	52.500	28	12Bet Tau	1.6500	15200.	105	49507	No
202	GOM_NL__2PRFIN20110818_144400_000000403105_00355_49507_4986.N1	18-AUG-2011 14:44:00	Tw_i_and_stray	40.000	44	24Gam Gem	1.9280	11000.	80	49507	No
203	GOM_NL__2PRFIN20110818_144739_000000523105_00355_49507_4987.N1	18-AUG-2011 14:47:39	Dark	51.500	14	58Alp Ori	0.87000	3000.0	103	49507	No
204	GOM_NL__2PRFIN20110818_145059_000000523105_00355_49507_4988.N1	18-AUG-2011 14:50:59	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	49507	No
205	GOM_NL__2PRFIN20110818_145226_000000493105_00355_49507_4989.N1	18-AUG-2011 14:52:26	Dark	49.000	125	44Iot Ori	2.7700	30000.	98	49507	No
206	GOM_NL__2PRFIN20110818_145407_000000593105_00355_49507_4990.N1	18-AUG-2011 14:54:07	Dark	59.000	7	19Bet Ori	0.10000	14000.	118	49507	No
207	GOM_NL__2PRFIN20110818_145553_000000483105_00355_49507_4991.N1	18-AUG-2011 14:55:53	Dark	48.000	101	11Alp Lep	2.5820	7000.0	96	49507	No
208	GOM_NL__2PRFIN20110818_151004_000000533105_00356_49508_5022.N1	18-AUG-2011 15:10:04	Dark	52.500	157	The1Eri	2.9060	9300.0	105	49508	No
209	GOM_NL__2PRFIN20110818_151346_000000453105_00356_49508_5023.N1	18-AUG-2011 15:13:46	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49508	No
210	GOM_NL__2PRFIN20110818_151934_000000523105_00356_49508_5024.N1	18-AUG-2011 15:19:34	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	49508	No
211	GOM_NL__2PRFIN20110818_152247_000000403105_00356_49508_5025.N1	18-AUG-2011 15:22:47	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	49508	No
212	GOM_NL__2PRFIN20110818_152644_000000513105_00356_49508_5026.N1	18-AUG-2011 15:26:44	Tw_i_and_stray	51.000	18	24Alp PsA	1.1660	9700.0	102	49508	No
213	GOM_NL__2PRFIN20110818_153209_000000433105_00356_49508_5027.N1	18-AUG-2011 15:32:09	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	49508	No
214	GOM_NL__2PRFIN20110818_153530_000000413105_00356_49508_5028.N1	18-AUG-2011 15:35:30	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49508	No
215	GOM_NL__2PRFIN20110818_153723_000000473105_00356_49508_5029.N1	18-AUG-2011 15:37:23	Bright	46.500	162	34Alp Aqr	2.9440	5350.0	93	49508	No
216	GOM_NL__2PRFIN20110818_154030_000000423105_00356_49508_5030.N1	18-AUG-2011 15:40:30	Bright	42.000	61	8Eps Peg	2.1000	3900.0	84	49508	No
217	GOM_NL__2PRFIN20110818_154703_000000373105_00356_49508_5031.N1	18-AUG-2011 15:47:03	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	49508	No
218	GOM_NL__2PRFIN20110818_154842_000000393105_00356_49508_5032.N1	18-AUG-2011 15:48:42	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	49508	No
219	GOM_NL__2PRFIN20110818_155015_000000393105_00356_49508_5033.N1	18-AUG-2011 15:50:15	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	49508	No

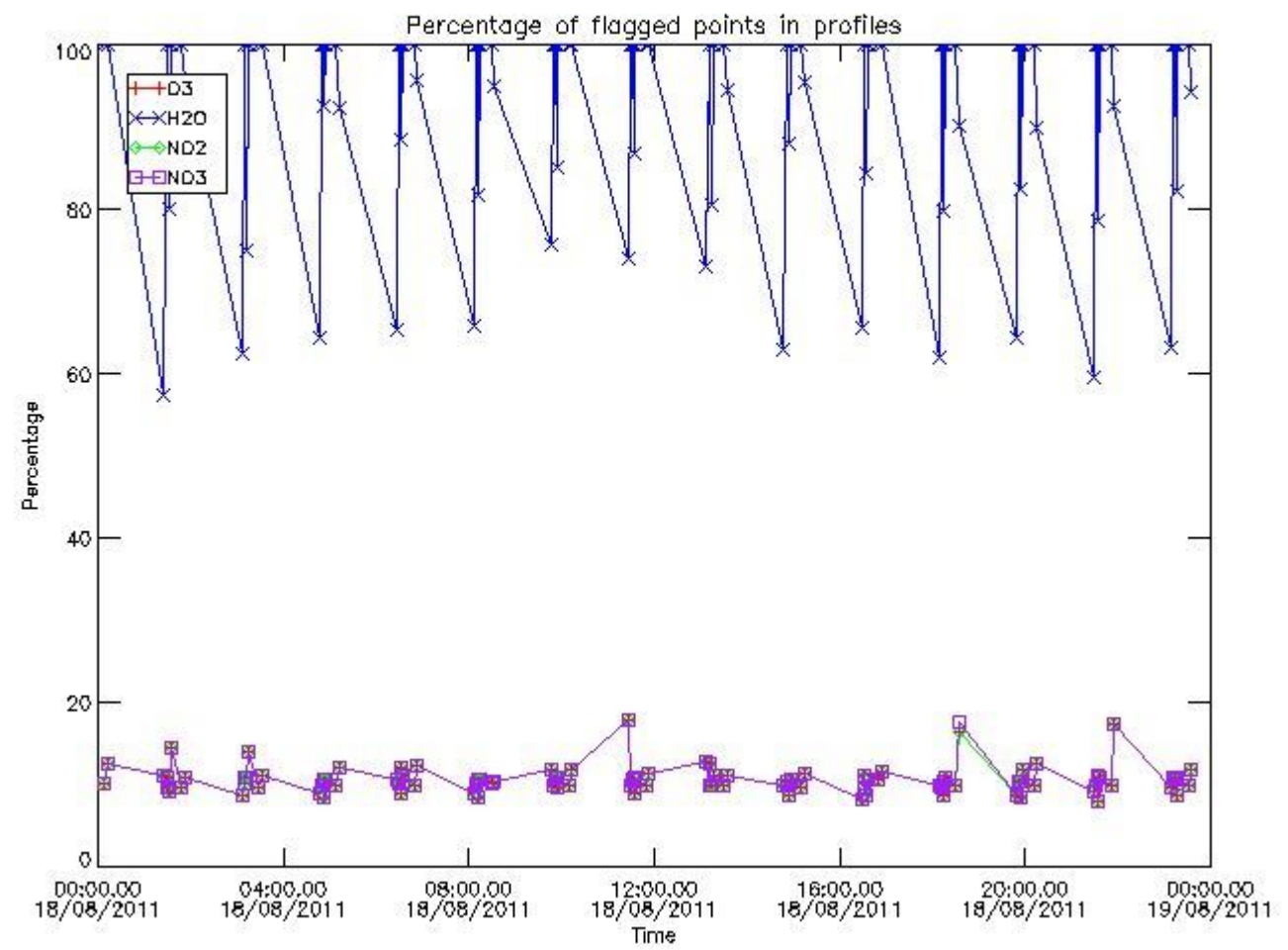
220	GOM_NL__2PRFIN20110818_155531_000000363105_00356_49508_5034.N1	18-AUG-2011 15:55:31	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	49508	No
221	GOM_NL__2PRFIN20110818_155952_000000463105_00356_49508_5035.N1	18-AUG-2011 15:59:52	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	49508	No
222	GOM_NL__2PRFIN20110818_161509_000000503105_00356_49508_5036.N1	18-AUG-2011 16:15:09	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	49508	No
223	GOM_NL__2PRFIN20110818_161811_000000413105_00356_49508_5037.N1	18-AUG-2011 16:18:11	Bright	40.500	107	37The Aur	2.6490	11000.	81	49508	No
224	GOM_NL__2PRFIN20110818_162122_000000553105_00356_49508_5038.N1	18-AUG-2011 16:21:22	Twilight	54.500	28	12Bet Tau	1.6500	15200.	109	49508	No
225	GOM_NL__2PRFIN20110818_162415_000000393105_00356_49508_5039.N1	18-AUG-2011 16:24:15	Twilight	38.500	44	24Gam Gem	1.9280	11000.	77	49508	No
226	GOM_NL__2PRFIN20110818_162754_000000633105_00356_49508_5040.N1	18-AUG-2011 16:27:54	Dark	63.000	14	58Alp Ori	0.87000	3000.0	126	49508	No
227	GOM_NL__2PRFIN20110818_163113_000000543105_00356_49508_5041.N1	18-AUG-2011 16:31:13	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	49508	No
228	GOM_NL__2PRFIN20110818_163240_000000503105_00356_49508_5042.N1	18-AUG-2011 16:32:40	Dark	50.000	125	44lot Ori	2.7700	30000.	100	49508	No
229	GOM_NL__2PRFIN20110818_163422_000000583105_00356_49508_5043.N1	18-AUG-2011 16:34:22	Dark	58.000	7	19Bet Ori	0.10000	14000.	116	49508	No
230	GOM_NL__2PRFIN20110818_163608_000000493105_00356_49508_5044.N1	18-AUG-2011 16:36:08	Dark	48.500	101	11Alp Lep	2.5820	7000.0	97	49508	No
231	GOM_NL__2PRFIN20110818_165019_000000533105_00357_49509_5022.N1	18-AUG-2011 16:50:19	Dark	53.000	157	The1Eri	2.9060	9300.0	106	49509	No
232	GOM_NL__2PRFIN20110818_165400_000000443105_00357_49509_5023.N1	18-AUG-2011 16:54:00	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49509	No
233	GOM_NL__2PRFIN20110818_165949_000000513105_00357_49509_5024.N1	18-AUG-2011 16:59:49	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	49509	No
234	GOM_NL__2PRFIN20110818_170301_000000453105_00357_49509_5025.N1	18-AUG-2011 17:03:01	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49509	No
235	GOM_NL__2PRFIN20110818_170659_000000533105_00357_49509_5026.N1	18-AUG-2011 17:06:59	Twilight	53.000	18	24Alp PsA	1.1660	9700.0	106	49509	No
236	GOM_NL__2PRFIN20110818_171223_000000423105_00357_49509_5027.N1	18-AUG-2011 17:12:23	Bright	41.500	142	49Del Cap	2.8500	8900.0	83	49509	No
237	GOM_NL__2PRFIN20110818_171544_000000423105_00357_49509_5028.N1	18-AUG-2011 17:15:44	Bright	41.500	154	22Bet Aqr	2.8990	5700.0	83	49509	No
238	GOM_NL__2PRFIN20110818_171737_000000473105_00357_49509_5029.N1	18-AUG-2011 17:17:37	Bright	46.500	162	34Alp Aqr	2.9440	5350.0	93	49509	No
239	GOM_NL__2PRFIN20110818_172044_000000433105_00357_49509_5030.N1	18-AUG-2011 17:20:44	Bright	43.000	61	8Eps Peg	2.1000	3900.0	86	49509	No
240	GOM_NL__2PRFIN20110818_172717_000000383105_00357_49509_5031.N1	18-AUG-2011 17:27:17	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	49509	No
241	GOM_NL__2PRFIN20110818_172856_000000373105_00357_49509_5032.N1	18-AUG-2011 17:28:56	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	49509	No
242	GOM_NL__2PRFIN20110818_173028_000000393105_00357_49509_5033.N1	18-AUG-2011 17:30:28	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	49509	No
243	GOM_NL__2PRFIN20110818_173545_000000393105_00357_49509_5034.N1	18-AUG-2011 17:35:45	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49509	No
244	GOM_NL__2PRFIN20110818_174005_000000493105_00357_49509_5035.N1	18-AUG-2011 17:40:05	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	49509	No
245	GOM_NL__2PRFIN20110818_175523_000000493105_00357_49509_5036.N1	18-AUG-2011 17:55:23	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	49509	No
246	GOM_NL__2PRFIN20110818_175825_000000413105_00357_49509_5037.N1	18-AUG-2011 17:58:25	Bright	40.500	107	37The Aur	2.6490	11000.	81	49509	No
247	GOM_NL__2PRFIN20110818_180137_000000533105_00357_49509_5038.N1	18-AUG-2011 18:01:37	Twilight	52.500	28	12Bet Tau	1.6500	15200.	105	49509	No
248	GOM_NL__2PRFIN20110818_180429_000000443105_00357_49509_5039.N1	18-AUG-2011 18:04:29	Twilight	44.000	44	24Gam Gem	1.9280	11000.	88	49509	No
249	GOM_NL__2PRFIN20110818_180808_000000573105_00357_49509_5040.N1	18-AUG-2011 18:08:08	Dark	57.000	14	58Alp Ori	0.87000	3000.0	114	49509	No
250	GOM_NL__2PRFIN20110818_181128_000000543105_00357_49509_5041.N1	18-AUG-2011 18:11:28	Dark	53.500	30	46Eps Ori	1.6940	30000.	107	49509	No
251	GOM_NL__2PRFIN20110818_181255_000000493105_00357_49509_5042.N1	18-AUG-2011 18:12:55	Dark	49.000	125	44lot Ori	2.7700	30000.	98	49509	No
252	GOM_NL__2PRFIN20110818_181437_000000603105_00357_49509_5043.N1	18-AUG-2011 18:14:37	Dark	59.500	7	19Bet Ori	0.10000	14000.	119	49509	No
253	GOM_NL__2PRFIN20110818_181623_000000473105_00357_49509_5044.N1	18-AUG-2011 18:16:23	Dark	47.000	101	11Alp Lep	2.5820	7000.0	94	49509	No
254	GOM_NL__2PRFIN20110818_183035_000000523105_00358_49510_5022.N1	18-AUG-2011 18:30:35	Dark	51.500	157	The1Eri	2.9060	9300.0	103	49510	No
255	GOM_NL__2PRFIN20110818_183415_000000473105_00358_49510_5023.N1	18-AUG-2011 18:34:15	Dark	46.500	9	Alp Eri	0.45300	24000.	93	49510	No
256	GOM_NL__2PRFIN20110818_184004_000000613105_00358_49510_5024.N1	18-AUG-2011 18:40:04	Straylight	61.000	84	Alp Phe	2.3970	4500.0	122	49510	No
257	GOM_NL__2PRFIN20110818_184315_000000403105_00358_49510_5025.N1	18-AUG-2011 18:43:15	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	49510	No
258	GOM_NL__2PRFIN20110818_184713_000000553105_00358_49510_5026.N1	18-AUG-2011 18:47:13	Twilight	55.000	18	24Alp PsA	1.1660	9700.0	110	49510	No
259	GOM_NL__2PRFIN20110818_185238_000000423105_00358_49510_5027.N1	18-AUG-2011 18:52:38	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	49510	No
260	GOM_NL__2PRFIN20110818_185559_000000413105_00358_49510_5028.N1	18-AUG-2011 18:55:59	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49510	No
261	GOM_NL__2PRFIN20110818_185750_000000463105_00358_49510_5029.N1	18-AUG-2011 18:57:50	Bright	45.500	162	34Alp Aqr	2.9440	5350.0	91	49510	No
262	GOM_NL__2PRFIN20110818_190057_000000433105_00358_49510_5030.N1	18-AUG-2011 19:00:57	Bright	43.000	61	8Eps Peg	2.1000	3900.0	86	49510	No
263	GOM_NL__2PRFIN20110818_190731_000000383105_00358_49510_5031.N1	18-AUG-2011 19:07:31	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	49510	No
264	GOM_NL__2PRFIN20110818_190910_000000373105_00358_49510_5032.N1	18-AUG-2011 19:09:10	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	49510	No
265	GOM_NL__2PRFIN20110818_191042_000000393105_00358_49510_5033.N1	18-AUG-2011 19:10:42	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	49510	No
266	GOM_NL__2PRFIN20110818_191558_000000383105_00358_49510_5034.N1	18-AUG-2011 19:15:58	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49510	No
267	GOM_NL__2PRFIN20110818_192018_000000483105_00358_49510_5035.N1	18-AUG-2011 19:20:18	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	49510	No
268	GOM_NL__2PRFIN20110818_193537_000000653105_00358_49510_5036.N1	18-AUG-2011 19:35:37	Bright	65.000	6	13Alp Aur	0.080000	3400.0	130	49510	No
269	GOM_NL__2PRFIN20110818_193840_000000423105_00358_49510_5037.N1	18-AUG-2011 19:38:40	Bright	42.000	107	37The Aur	2.6490	11000.	84	49510	No
270	GOM_NL__2PRFIN20110818_194151_000000523105_00358_49510_5038.N1	18-AUG-2011 19:41:51	Twilight	51.500	28	12Bet Tau	1.6500	15200.	103	49510	No
271	GOM_NL__2PRFIN20110818_194443_000000443105_00358_49510_5039.N1	18-AUG-2011 19:44:43	Twilight	44.000	44	24Gam Gem	1.9280	11000.	88	49510	No
272	GOM_NL__2PRFIN20110818_194823_000000583105_00358_49510_5040.N1	18-AUG-2011 19:48:23	Dark	58.000	14	58Alp Ori	0.87000	3000.0	116	49510	No
273	GOM_NL__2PRFIN20110818_195143_000000543105_00358_49510_5041.N1	18-AUG-2011 19:51:43	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	49510	No
274	GOM_NL__2PRFIN20110818_195310_000000493105_00358_49510_5042.N1	18-AUG-2011 19:53:10	Dark	49.000	125	44lot Ori	2.7700	30000.	98	49510	No
275	GOM_NL__2PRFIN20110818_195452_000000603105_00358_49510_5043.N1	18-AUG-2011 19:54:52	Dark	60.000	7	19Bet Ori	0.10000	14000.	120	49510	No
276	GOM_NL__2PRFIN20110818_195637_000000483105_00358_49510_5044.N1	18-AUG-2011 19:56:37	Dark	47.500	101	11Alp Lep	2.5820	7000.0	95	49510	No
277	GOM_NL__2PRFIN20110818_201050_000000513105_00359_49511_5022.N1	18-AUG-2011 20:10:50	Dark	51.000	157	The1Eri	2.9060	9300.0	102	49511	No
278	GOM_NL__2PRFIN20110818_201430_000000453105_00359_49511_5023.N1	18-AUG-2011 20:14:30	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49511	No

279	GOM_NL__2PRFIN20110818_202019_000000643105_00359_49511_5024.N1	18-AUG-2011 20:20:19	Straylight	63.500	84	Alp Phe	2.3970	4500.0	127	49511	No
280	GOM_NL__2PRFIN20110818_202330_000000413105_00359_49511_5025.N1	18-AUG-2011 20:23:30	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	49511	No
281	GOM_NL__2PRFIN20110818_202728_000000533105_00359_49511_5026.N1	18-AUG-2011 20:27:28	Twilight_stray	52.500	18	24Alp PsA	1.1660	9700.0	105	49511	No
282	GOM_NL__2PRFIN20110818_203252_000000583105_00359_49511_5027.N1	18-AUG-2011 20:32:52	Bright	58.000	142	49Del Cap	2.8500	8900.0	116	49511	No
283	GOM_NL__2PRFIN20110818_203613_000000423105_00359_49511_5028.N1	18-AUG-2011 20:36:13	Bright	41.500	154	22Bet Aqr	2.8990	5700.0	83	49511	No
284	GOM_NL__2PRFIN20110818_203804_000000473105_00359_49511_5029.N1	18-AUG-2011 20:38:04	Bright	46.500	162	34Alp Aqr	2.9440	5350.0	93	49511	No
285	GOM_NL__2PRFIN20110818_204111_000000453105_00359_49511_5030.N1	18-AUG-2011 20:41:11	Bright	44.500	61	8Eps Peg	2.1000	3900.0	89	49511	No
286	GOM_NL__2PRFIN20110818_204745_000000353105_00359_49511_5031.N1	18-AUG-2011 20:47:45	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	49511	No
287	GOM_NL__2PRFIN20110818_205056_000000393105_00359_49511_5032.N1	18-AUG-2011 20:50:56	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	49511	No
288	GOM_NL__2PRFIN20110818_205612_000000393105_00359_49511_5033.N1	18-AUG-2011 20:56:12	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	49511	No
289	GOM_NL__2PRFIN20110818_210032_000000473105_00359_49511_5034.N1	18-AUG-2011 21:00:32	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	49511	No
290	GOM_NL__2PRFIN20110818_211551_000000493105_00359_49511_5035.N1	18-AUG-2011 21:15:51	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	49511	No
291	GOM_NL__2PRFIN20110818_211853_000000403105_00359_49511_5036.N1	18-AUG-2011 21:18:53	Bright	40.000	107	37The Aur	2.6490	11000.	80	49511	No
292	GOM_NL__2PRFIN20110818_212205_000000563105_00359_49511_5037.N1	18-AUG-2011 21:22:05	Twilight_stray	56.000	28	12Bet Tau	1.6500	15200.	112	49511	No
293	GOM_NL__2PRFIN20110818_212457_000000453105_00359_49511_5038.N1	18-AUG-2011 21:24:57	Twilight_stray	44.500	44	24Gam Gem	1.9280	11000.	89	49511	No
294	GOM_NL__2PRFIN20110818_212837_000000563105_00359_49511_5039.N1	18-AUG-2011 21:28:37	Dark	56.000	14	58Alp Ori	0.87000	3000.0	112	49511	No
295	GOM_NL__2PRFIN20110818_213157_000000523105_00359_49511_5040.N1	18-AUG-2011 21:31:57	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	49511	No
296	GOM_NL__2PRFIN20110818_213324_000000463105_00359_49511_5041.N1	18-AUG-2011 21:33:24	Dark	45.500	125	44lot Ori	2.7700	30000.	91	49511	No
297	GOM_NL__2PRFIN20110818_213507_000000643105_00359_49511_5042.N1	18-AUG-2011 21:35:07	Dark	63.500	7	19Bet Ori	0.10000	14000.	127	49511	No
298	GOM_NL__2PRFIN20110818_213652_000000483105_00359_49511_5043.N1	18-AUG-2011 21:36:52	Dark	47.500	101	11Alp Lep	2.5820	7000.0	95	49511	No
299	GOM_NL__2PRFIN20110818_215105_000000523105_00360_49512_5022.N1	18-AUG-2011 21:51:05	Dark	51.500	157	The1Eri	2.9060	9300.0	103	49512	No
300	GOM_NL__2PRFIN20110818_215444_000000473105_00360_49512_5023.N1	18-AUG-2011 21:54:44	Dark	47.000	9	Alp Eri	0.45300	24000.	94	49512	No
301	GOM_NL__2PRFIN20110818_220034_000000603105_00360_49512_5024.N1	18-AUG-2011 22:00:34	Straylight	60.000	84	Alp Phe	2.3970	4500.0	120	49512	No
302	GOM_NL__2PRFIN20110818_220258_000000573105_00360_49512_5025.N1	18-AUG-2011 22:02:58	Straylight	57.000	63	Bet Gru	2.1500	2800.0	114	49512	No
303	GOM_NL__2PRFIN20110818_220742_000000543105_00360_49512_5026.N1	18-AUG-2011 22:07:42	Twilight_stray	54.000	18	24Alp PsA	1.1660	9700.0	108	49512	No
304	GOM_NL__2PRFIN20110818_221306_000000413105_00360_49512_5027.N1	18-AUG-2011 22:13:06	Bright	40.500	142	49Del Cap	2.8500	8900.0	81	49512	No
305	GOM_NL__2PRFIN20110818_221626_000000423105_00360_49512_5028.N1	18-AUG-2011 22:16:26	Bright	41.500	154	22Bet Aqr	2.8990	5700.0	83	49512	No
306	GOM_NL__2PRFIN20110818_221818_000000453105_00360_49512_5029.N1	18-AUG-2011 22:18:18	Bright	45.000	162	34Alp Aqr	2.9440	5350.0	90	49512	No
307	GOM_NL__2PRFIN20110818_222125_000000423105_00360_49512_5030.N1	18-AUG-2011 22:21:25	Bright	42.000	61	8Eps Peg	2.1000	3900.0	84	49512	No
308	GOM_NL__2PRFIN20110818_222758_000000393105_00360_49512_5031.N1	18-AUG-2011 22:27:58	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	49512	No
309	GOM_NL__2PRFIN20110818_222938_000000353105_00360_49512_5032.N1	18-AUG-2011 22:29:38	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	49512	No
310	GOM_NL__2PRFIN20110818_223110_000000363105_00360_49512_5033.N1	18-AUG-2011 22:31:10	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	49512	No
311	GOM_NL__2PRFIN20110818_223626_000000393105_00360_49512_5034.N1	18-AUG-2011 22:36:26	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49512	No
312	GOM_NL__2PRFIN20110818_224045_000000473105_00360_49512_5035.N1	18-AUG-2011 22:40:45	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	49512	No
313	GOM_NL__2PRFIN20110818_225605_000000513105_00360_49512_5036.N1	18-AUG-2011 22:56:05	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	49512	No
314	GOM_NL__2PRFIN20110818_225907_000000403105_00360_49512_5037.N1	18-AUG-2011 22:59:07	Bright	39.500	107	37The Aur	2.6490	11000.	79	49512	No
315	GOM_NL__2PRFIN20110818_230219_000000573105_00360_49512_5038.N1	18-AUG-2011 23:02:19	Twilight_stray	56.500	28	12Bet Tau	1.6500	15200.	113	49512	No
316	GOM_NL__2PRFIN20110818_230512_000000463105_00360_49512_5039.N1	18-AUG-2011 23:05:12	Twilight_stray	45.500	44	24Gam Gem	1.9280	11000.	91	49512	No
317	GOM_NL__2PRFIN20110818_230851_000000633105_00360_49512_5040.N1	18-AUG-2011 23:08:51	Dark	63.000	14	58Alp Ori	0.87000	3000.0	126	49512	No
318	GOM_NL__2PRFIN20110818_231212_000000523105_00360_49512_5041.N1	18-AUG-2011 23:12:12	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	49512	No
319	GOM_NL__2PRFIN20110818_231339_000000483105_00360_49512_5042.N1	18-AUG-2011 23:13:39	Dark	48.000	125	44lot Ori	2.7700	30000.	96	49512	No
320	GOM_NL__2PRFIN20110818_231522_000000603105_00360_49512_5043.N1	18-AUG-2011 23:15:22	Dark	59.500	7	19Bet Ori	0.10000	14000.	119	49512	No
321	GOM_NL__2PRFIN20110818_231707_000000473105_00360_49512_5044.N1	18-AUG-2011 23:17:07	Dark	47.000	101	11Alp Lep	2.5820	7000.0	94	49512	No
322	GOM_NL__2PRFIN20110818_233120_000000523105_00361_49513_5022.N1	18-AUG-2011 23:31:20	Dark	52.000	157	The1Eri	2.9060	9300.0	104	49513	No
323	GOM_NL__2PRFIN20110818_233459_000000433105_00361_49513_5023.N1	18-AUG-2011 23:34:59	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49513	No
324	GOM_NL__2PRFIN20110818_234048_000000603105_00361_49513_5024.N1	18-AUG-2011 23:40:48	Straylight	59.500	84	Alp Phe	2.3970	4500.0	119	49513	No
325	GOM_NL__2PRFIN20110818_234312_000000573105_00361_49513_5025.N1	18-AUG-2011 23:43:12	Straylight	56.500	63	Bet Gru	2.1500	2800.0	113	49513	No
326	GOM_NL__2PRFIN20110818_234756_000000553105_00361_49513_5026.N1	18-AUG-2011 23:47:56	Twilight_stray	54.500	18	24Alp PsA	1.1660	9700.0	109	49513	No
327	GOM_NL__2PRFIN20110818_235320_000000433105_00361_49513_5027.N1	18-AUG-2011 23:53:20	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	49513	No
328	GOM_NL__2PRFIN20110818_235640_000000413105_00361_49513_5028.N1	18-AUG-2011 23:56:40	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	49513	No
329	GOM_NL__2PRFIN20110818_235832_000000453105_00361_49513_5029.N1	18-AUG-2011 23:58:32	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	49513	No

3. Quality information per product

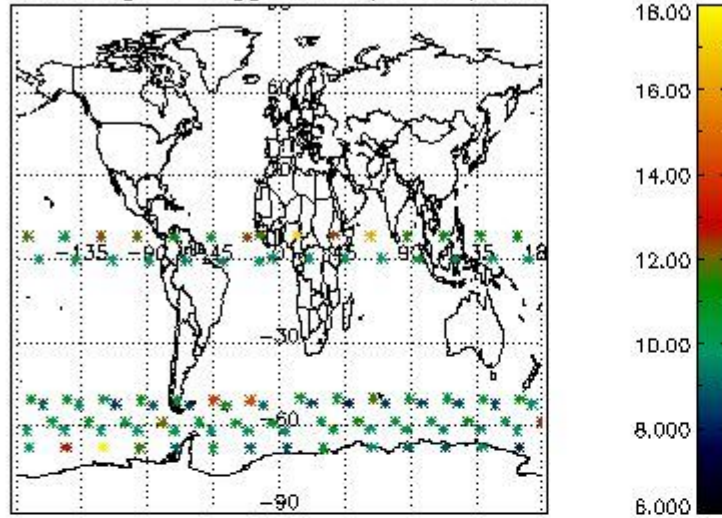
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

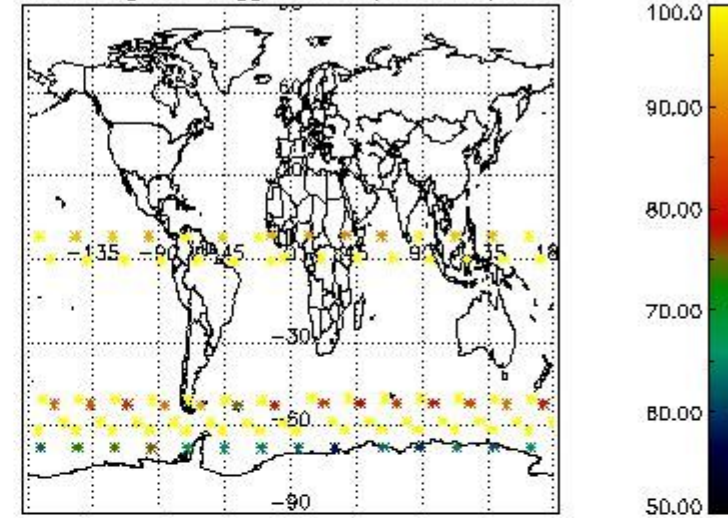


3.2 Plot quality information per product (world map)

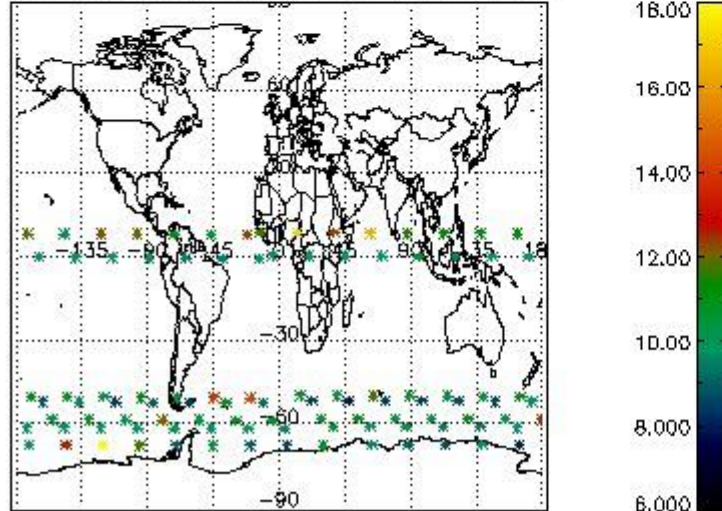
Percentage of flagged data per O3 profile



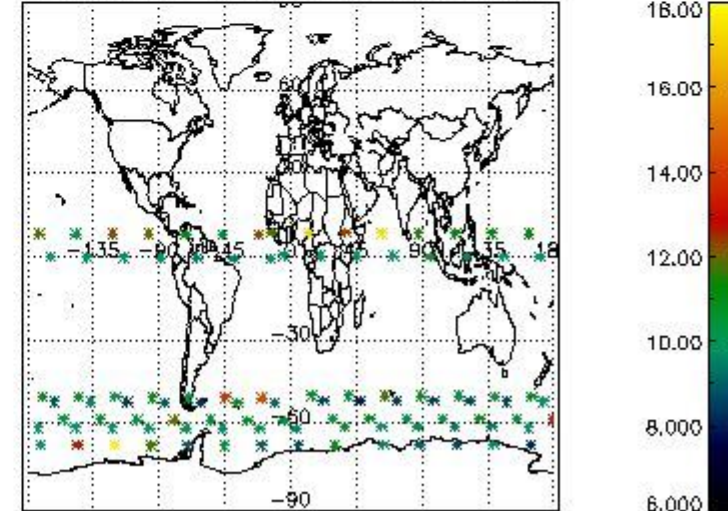
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

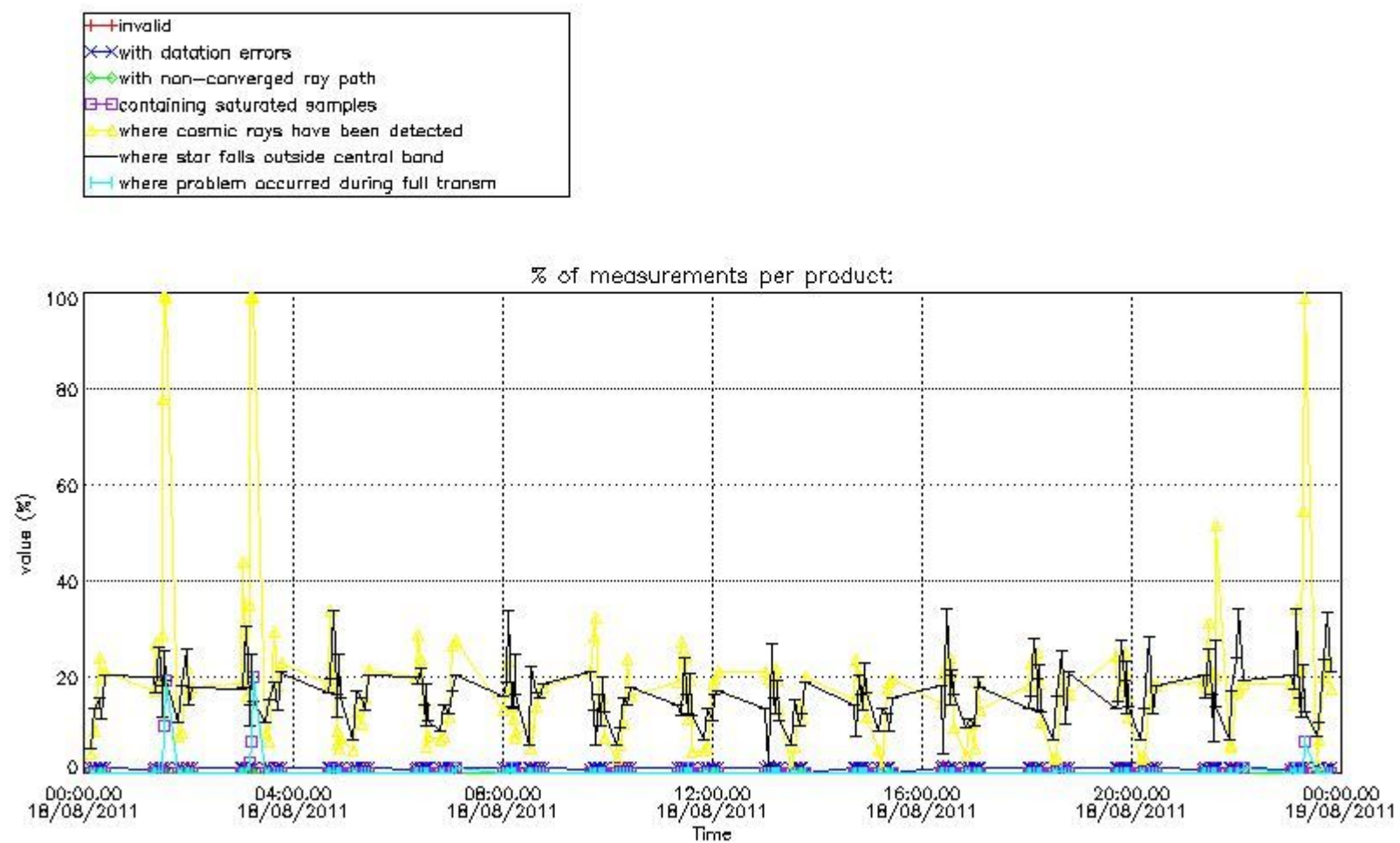


4. Level 1 quality information per product

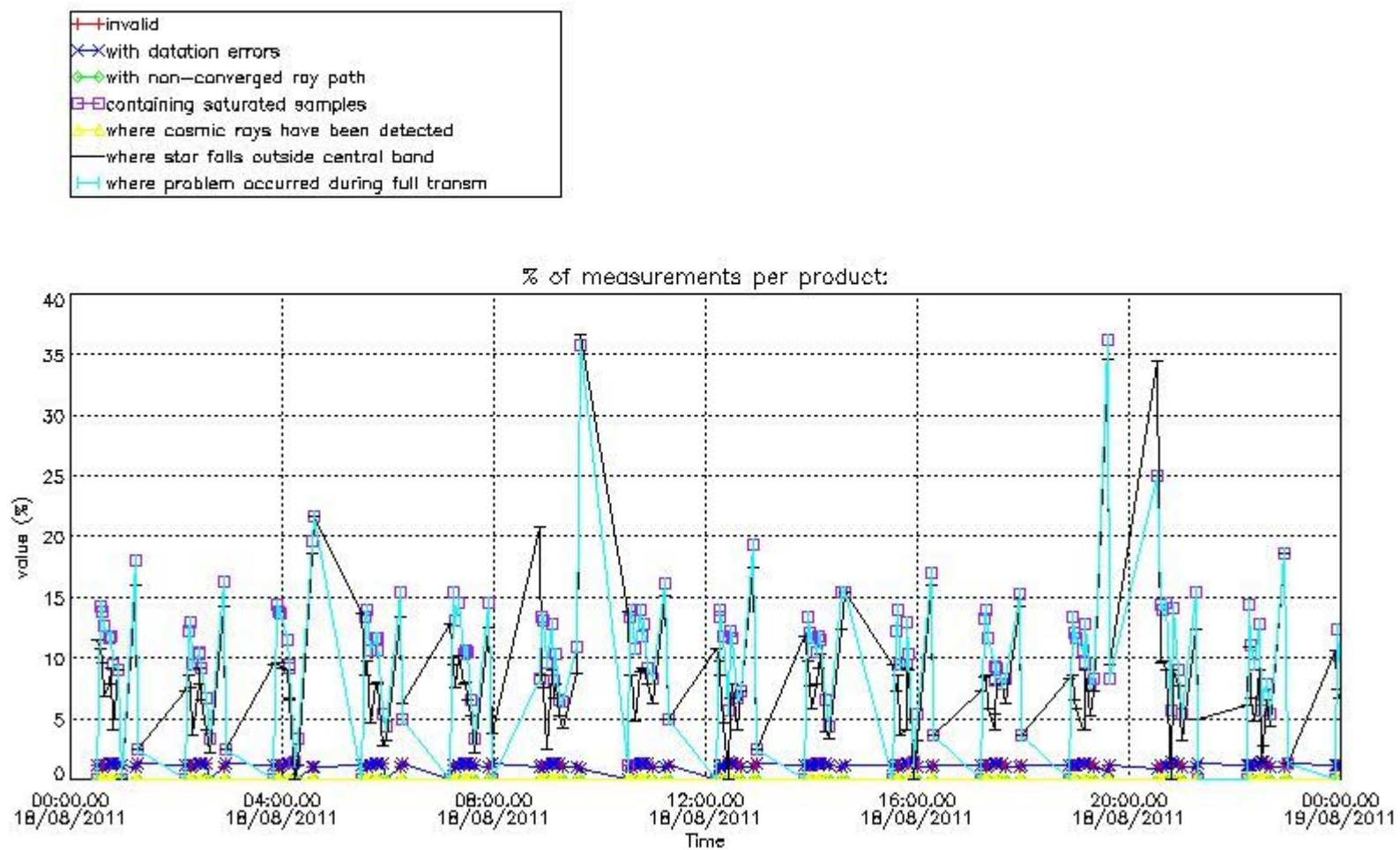
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



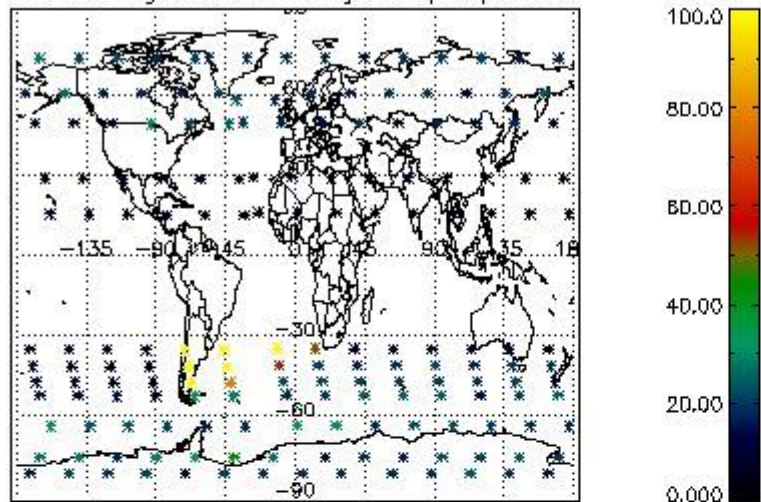
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



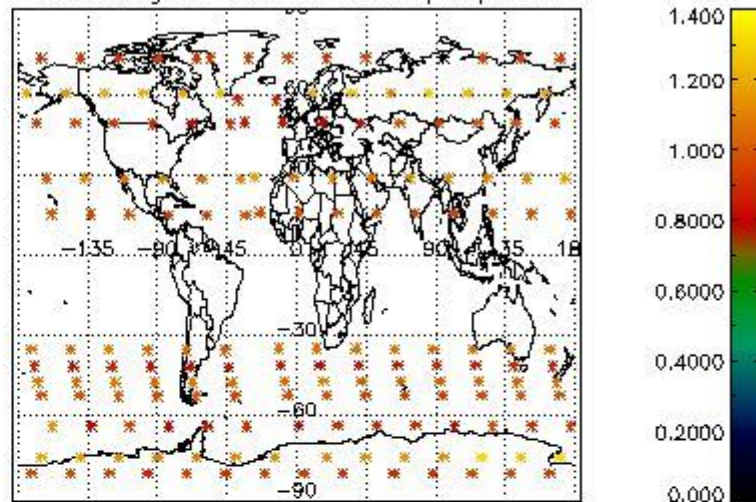
4.2 Plot quality information per product coming from level 1b processing (world map)

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

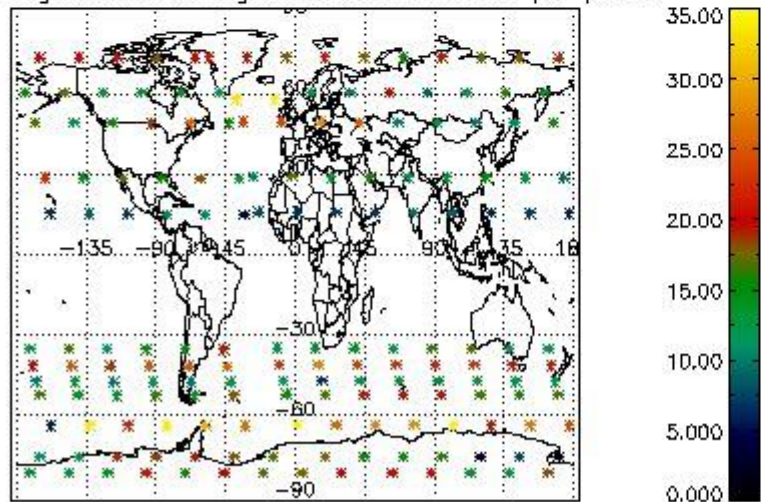
Percentage of cosmic ray hits per profile



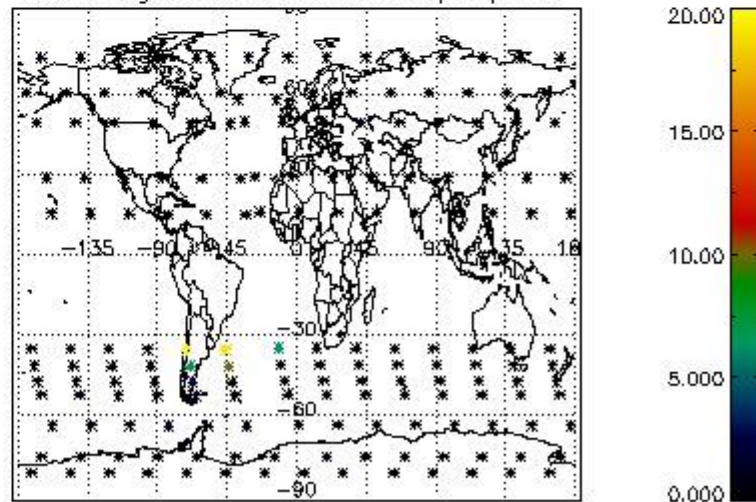
Percentage of datation errors per profile



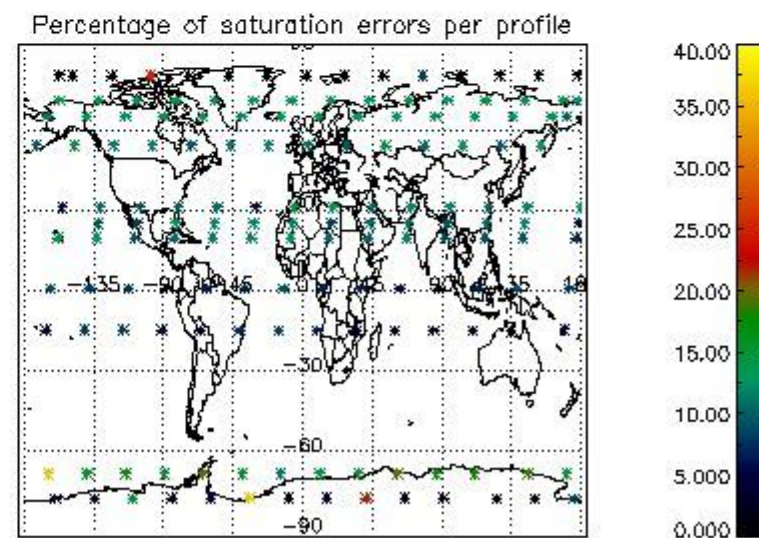
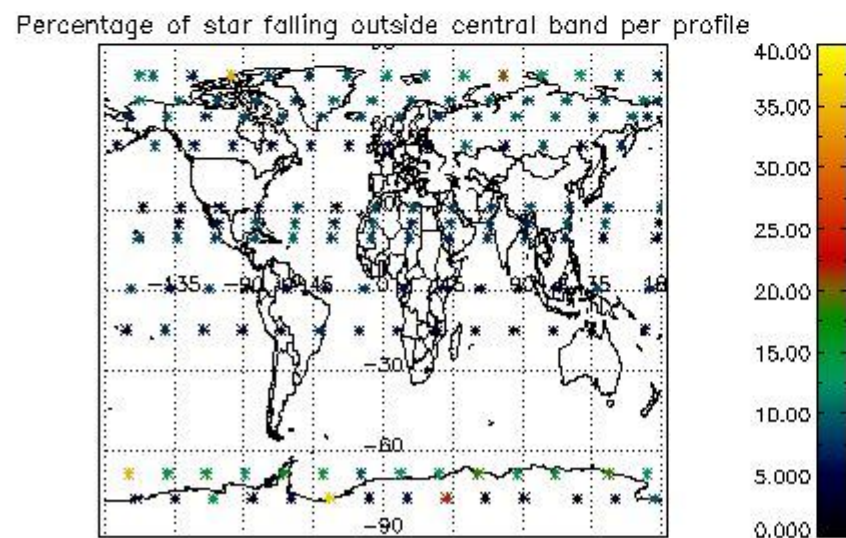
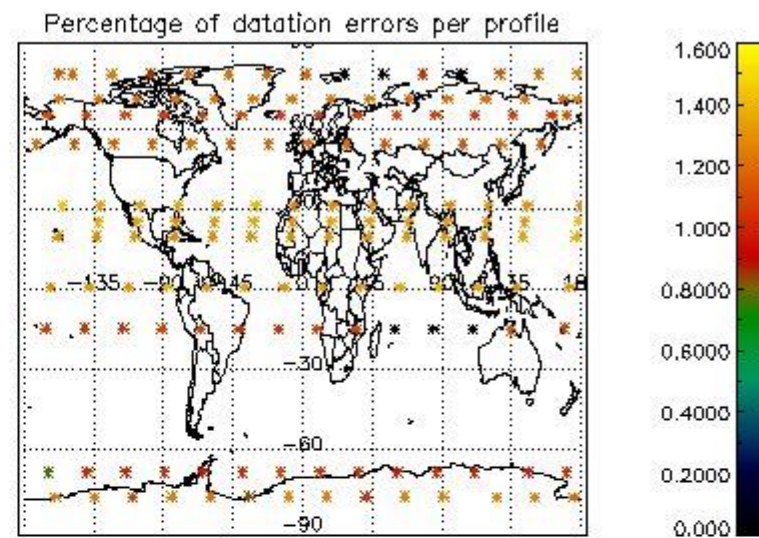
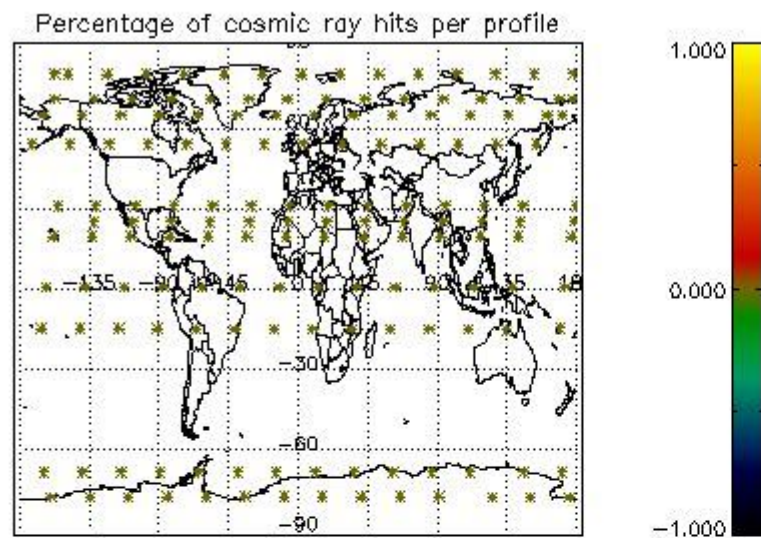
Percentage of star falling outside central band per profile



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

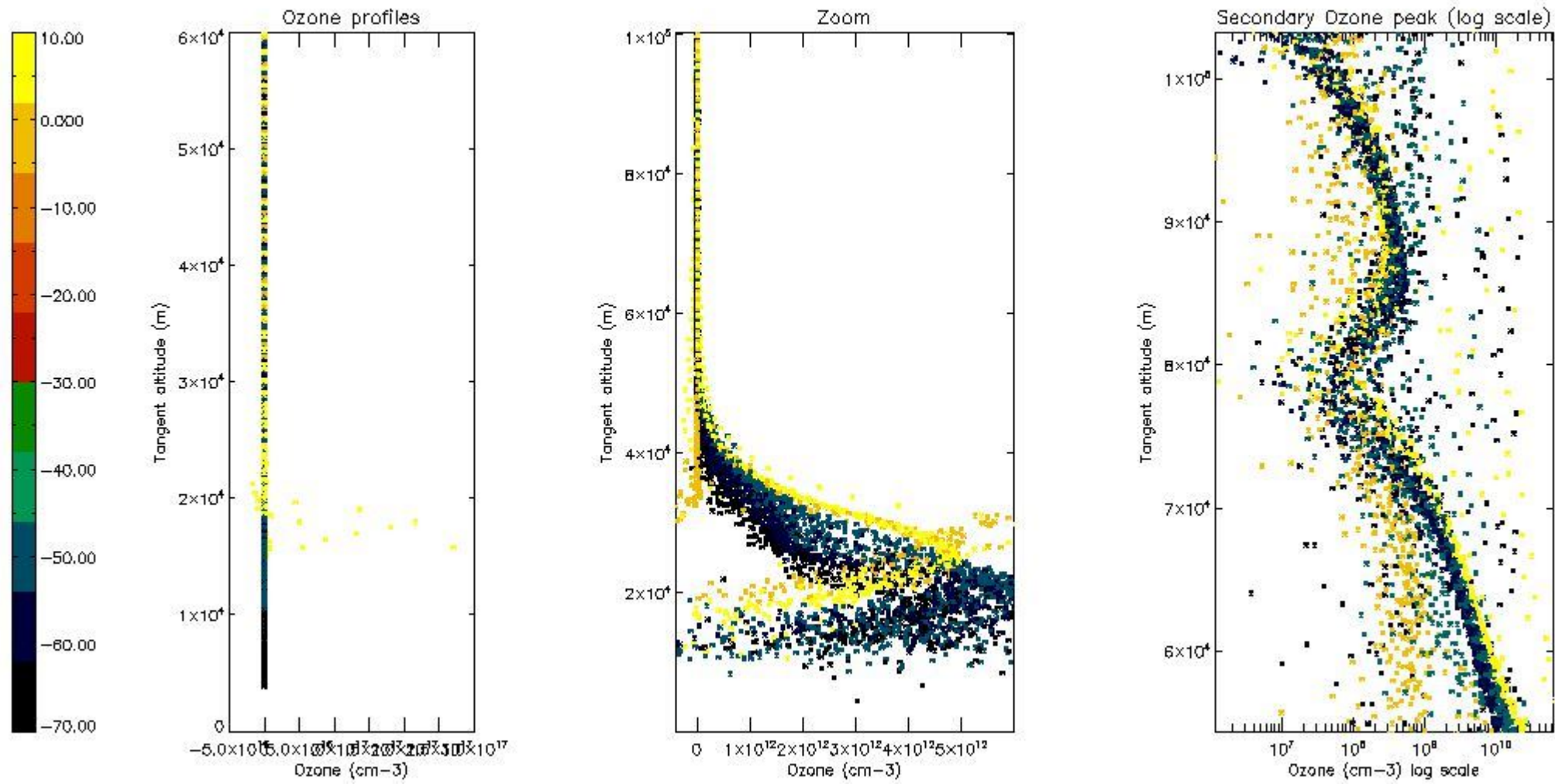
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	34
STD < 20	17

STD < 10	14
STD < 5	10

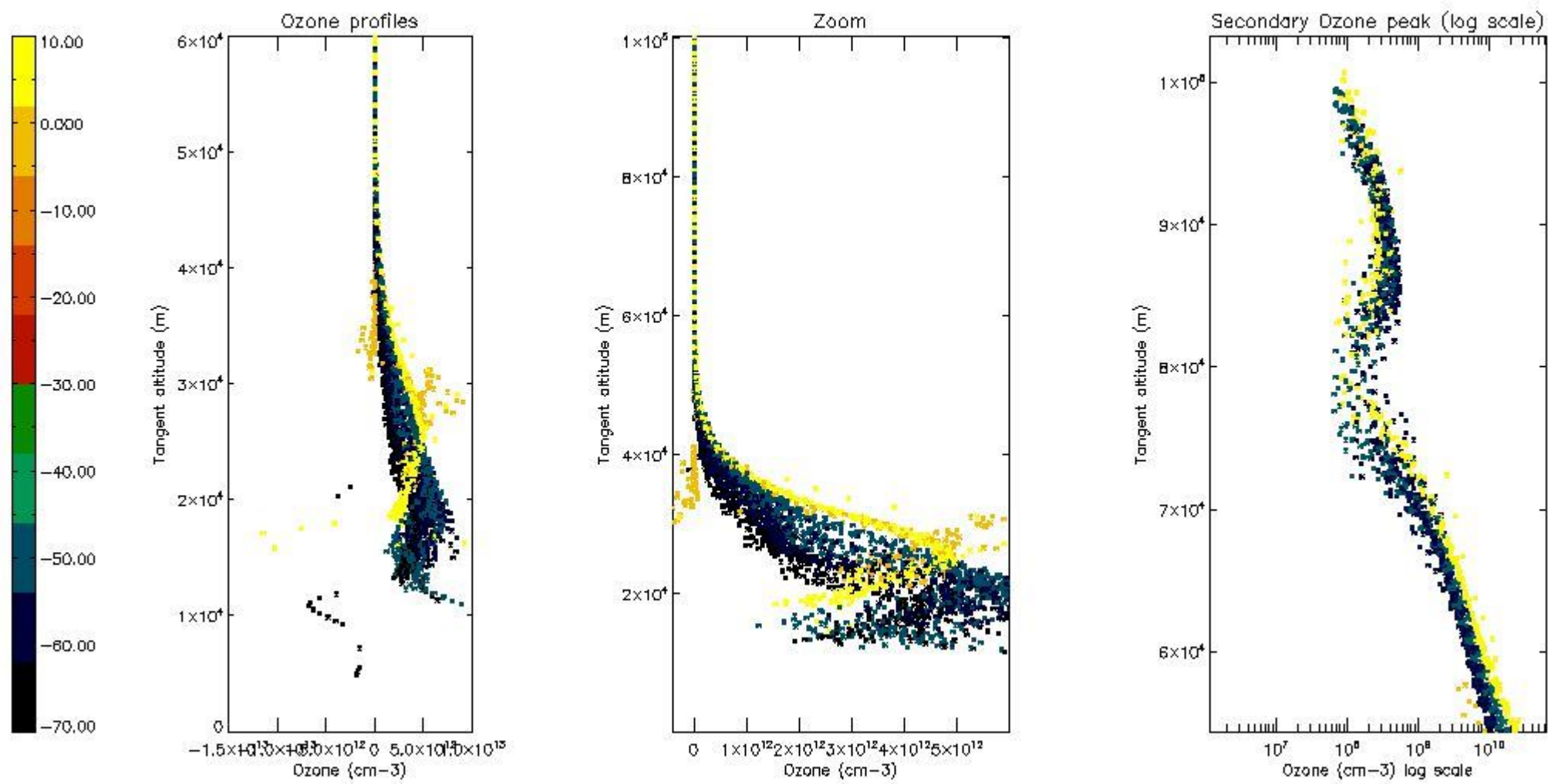
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



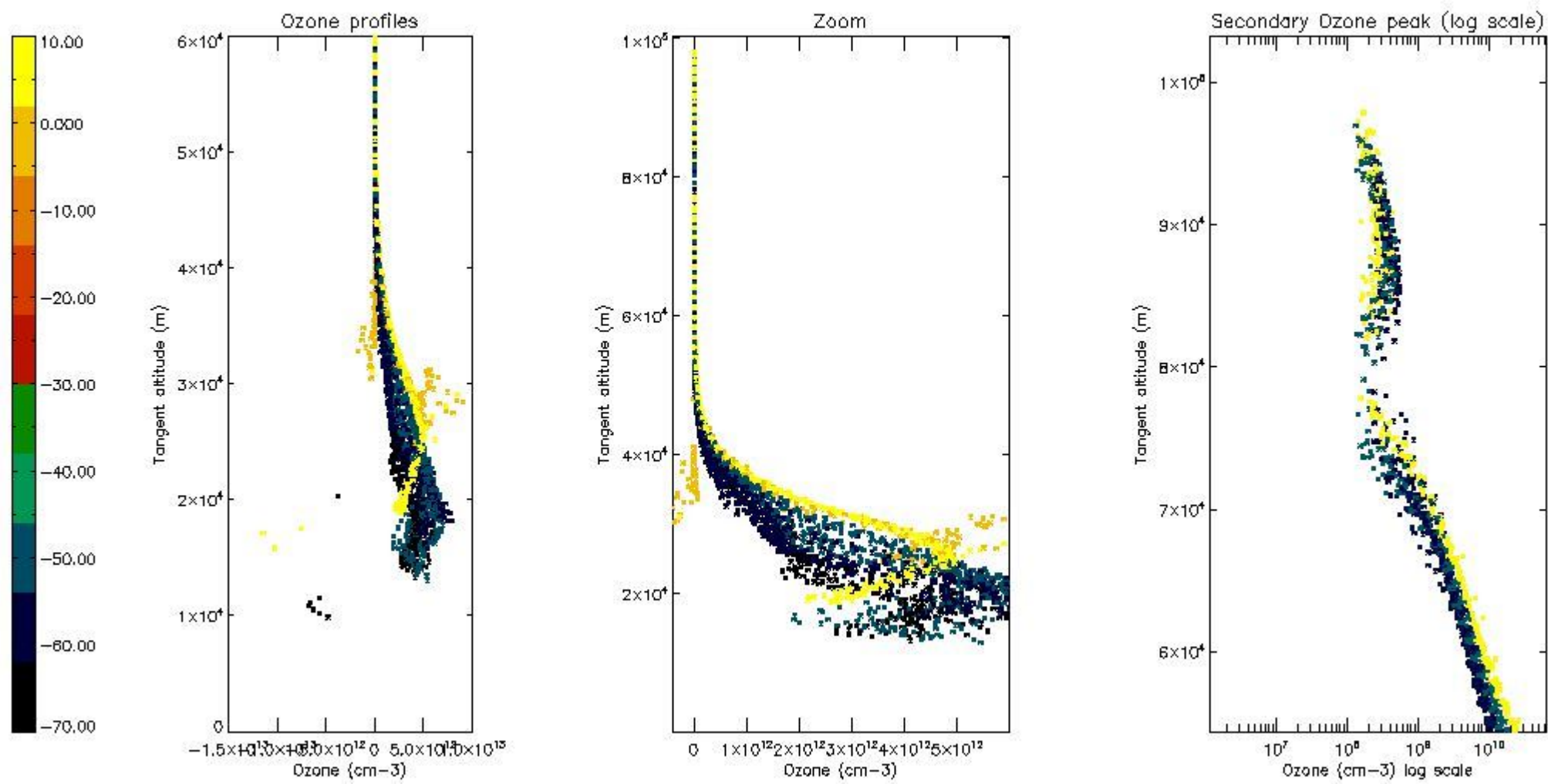
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



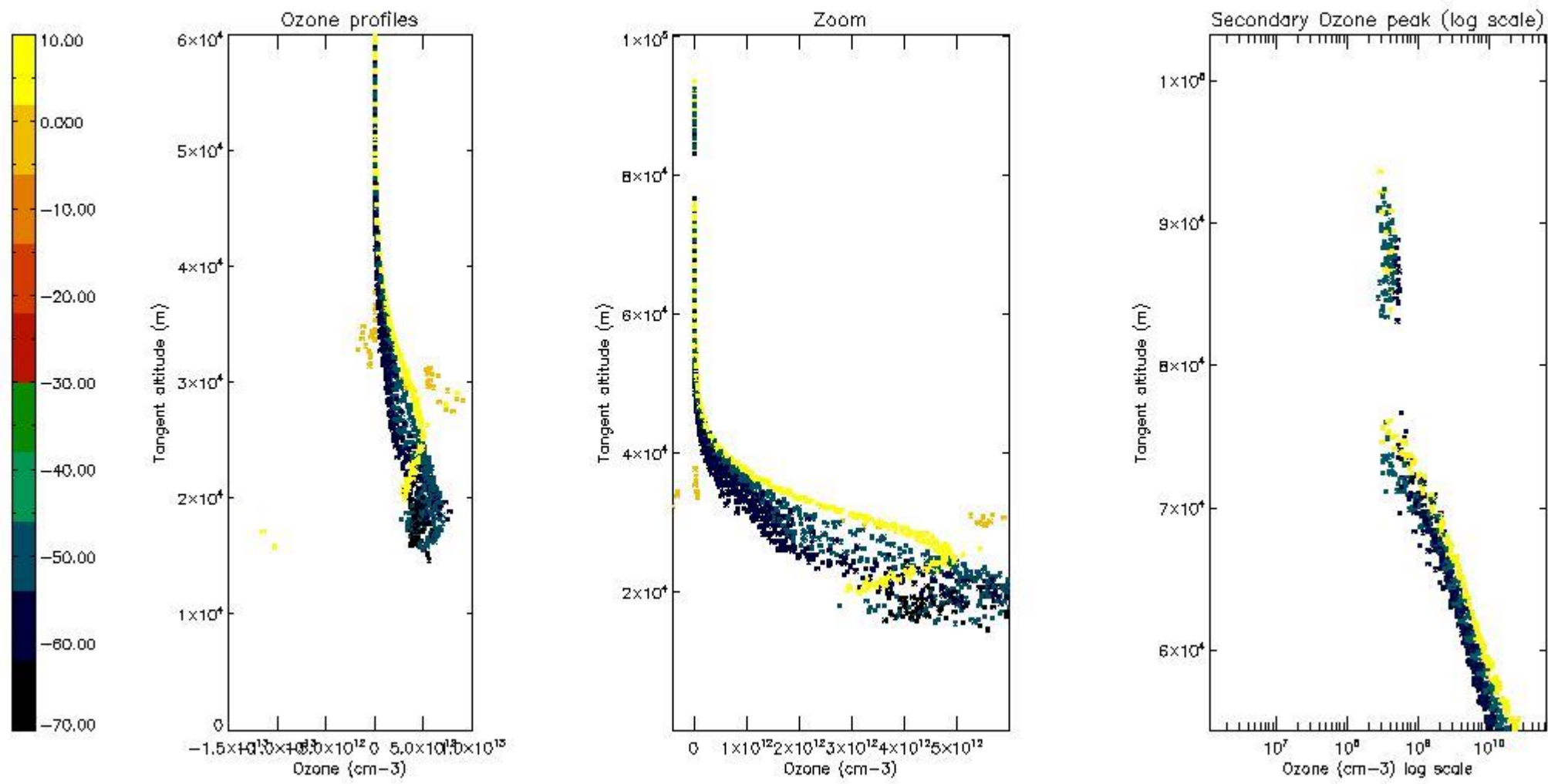
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



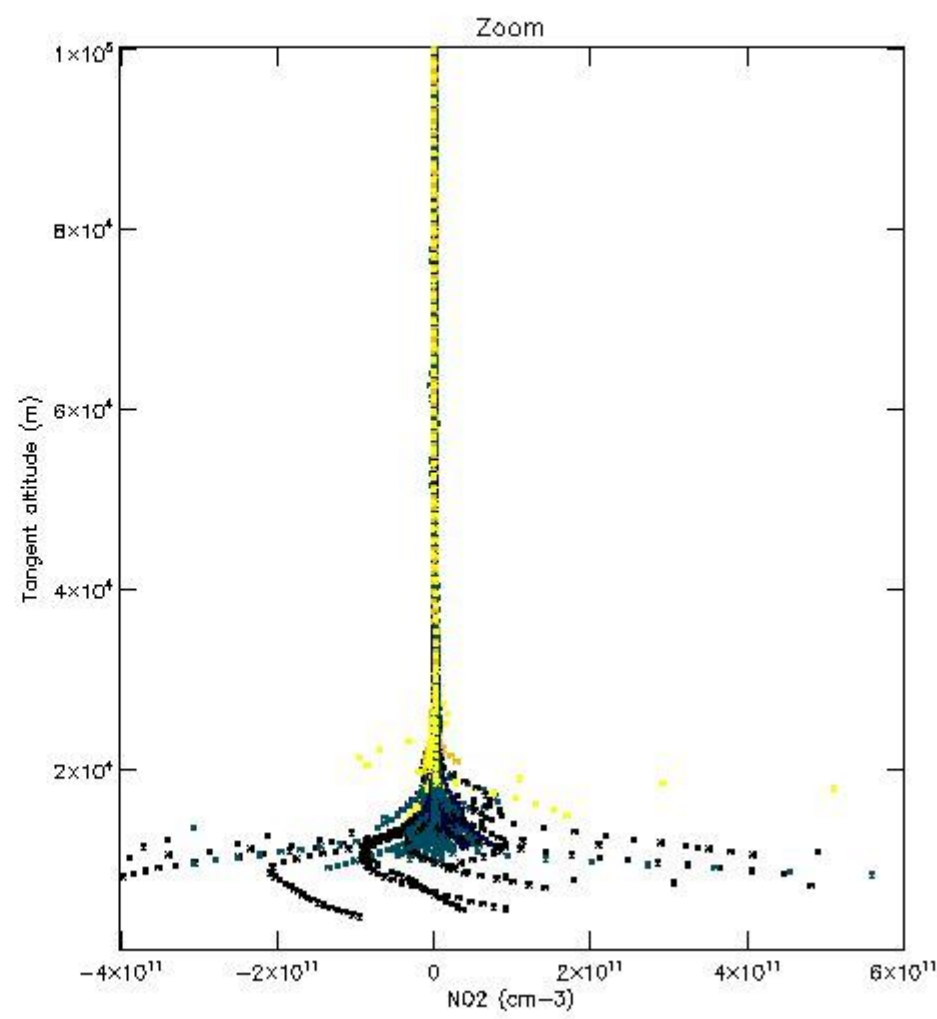
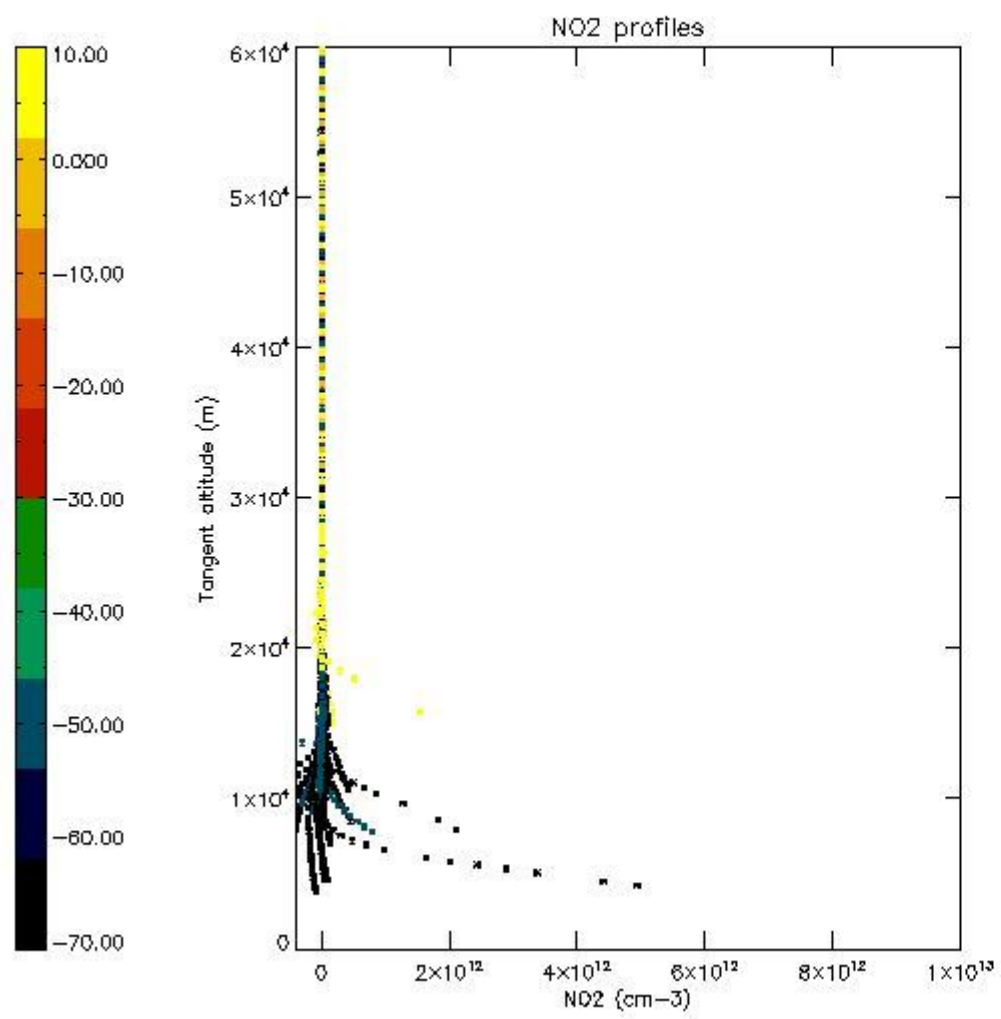
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



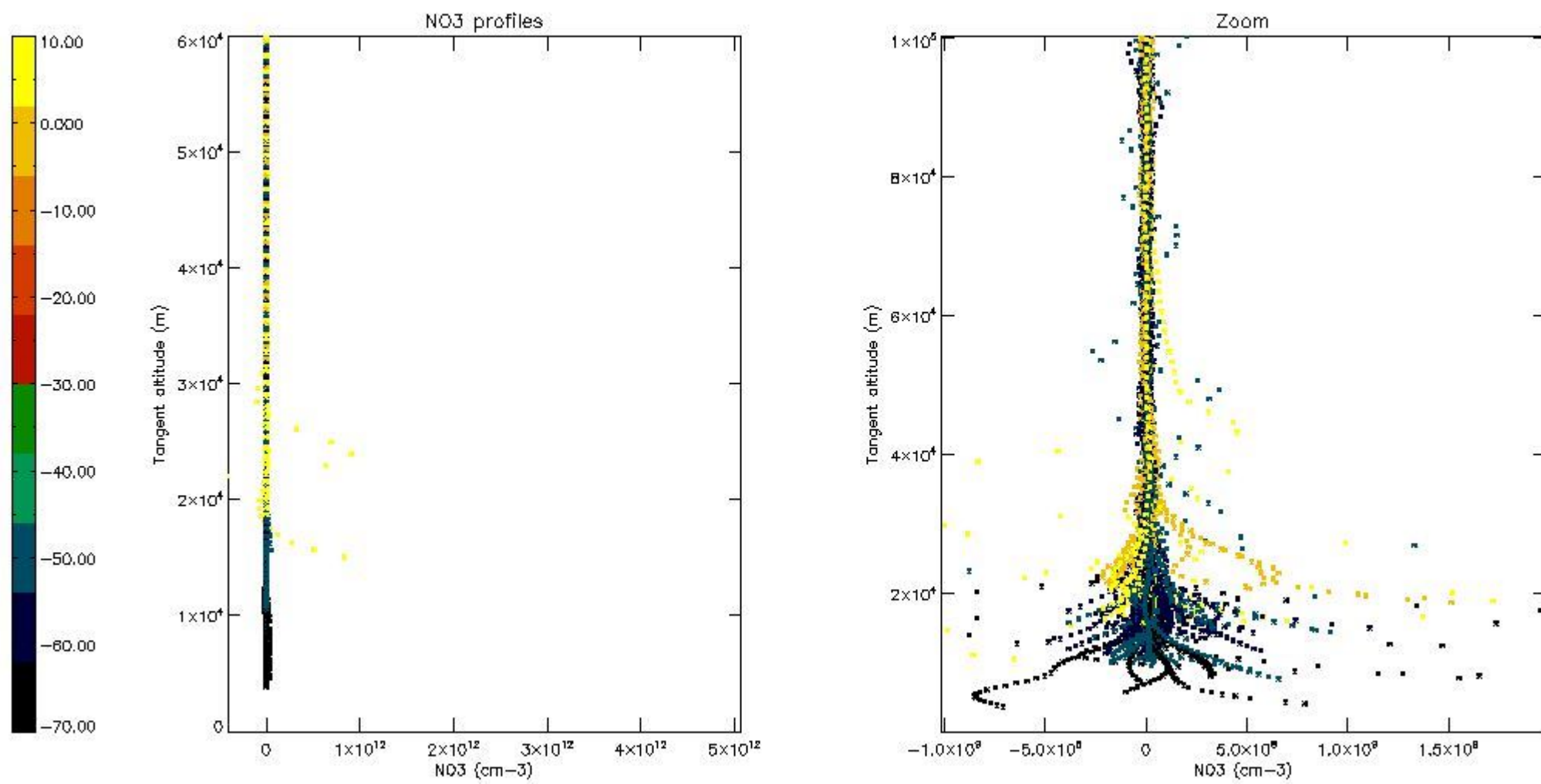
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



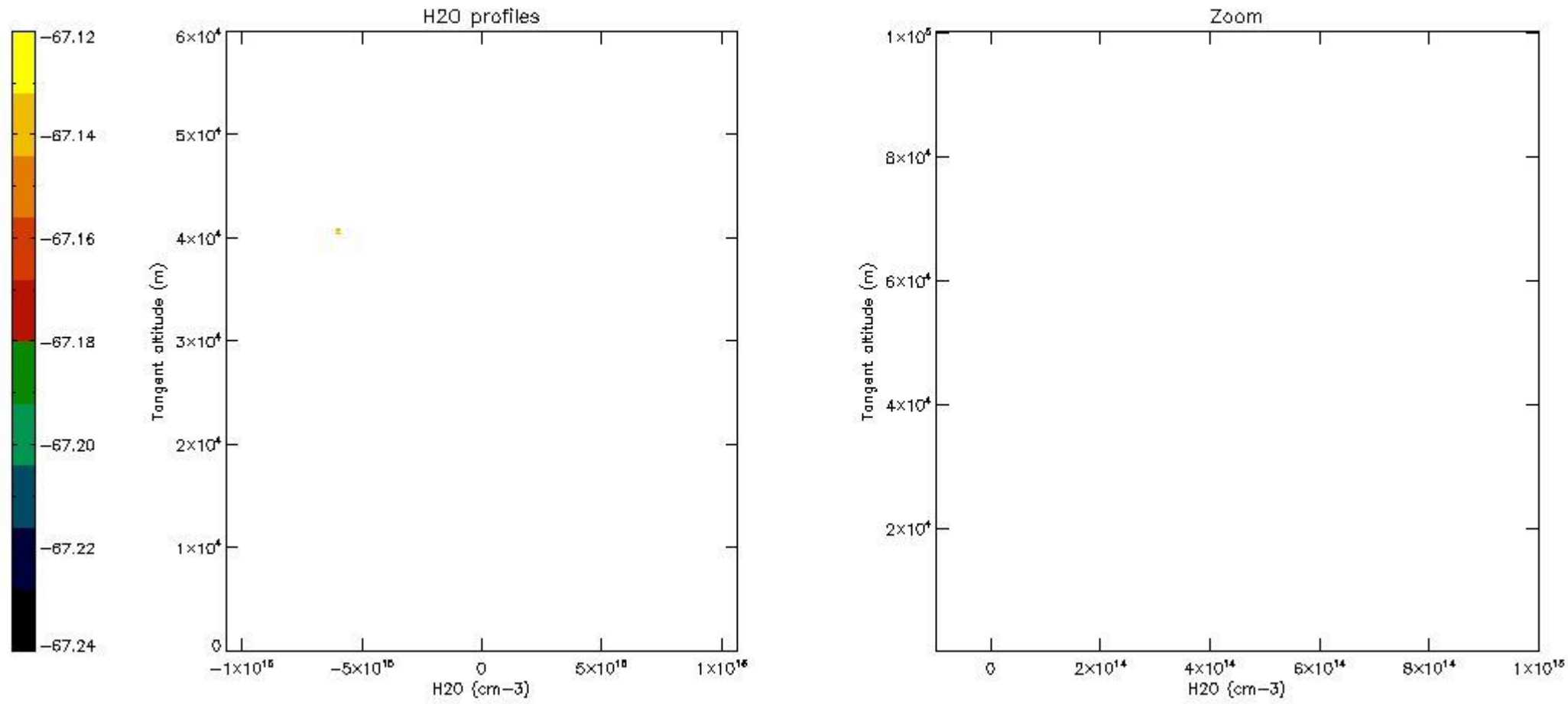
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-AUG-2011 00:07:48
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-AUG-2011 00:07:48
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-AUG-2011 00:07:48

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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[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](#)

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	24APR2013 17:06:32
Data source version	GOMOS/6.01
Start time of products	18-08-2011 (18AUG2011 00:00:00)
Stop time of products	19-08-2011 (19AUG2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	329
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__2PRFIN20110818_000748_000000513105_00347_49499_4976.N1	18-AUG-2011 00:07:48	Dark	50.500	157	The1Eri	2.9060	9300.0	101	49499	No
2	GOM_NL__2PRFIN20110818_001134_000000453105_00347_49499_4977.N1	18-AUG-2011 00:11:34	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49499	No
3	GOM_NL__2PRFIN20110818_001722_000000553105_00347_49499_4978.N1	18-AUG-2011 00:17:22	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49499	No
4	GOM_NL__2PRFIN20110818_002038_000000413105_00347_49499_4979.N1	18-AUG-2011 00:20:38	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	49499	No
5	GOM_NL__2PRFIN20110818_002435_000000553105_00347_49499_4980.N1	18-AUG-2011 00:24:35	Twilight_and_stray	54.500	18	24Alp PsA	1.1660	9700.0	109	49499	No
6	GOM_NL__2PRFIN20110818_003002_000000443105_00347_49499_4981.N1	18-AUG-2011 00:30:02	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	49499	No
7	GOM_NL__2PRFIN20110818_003325_000000423105_00347_49499_4982.N1	18-AUG-2011 00:33:25	Bright	42.000	154	22Bet Aqr	2.8990	5700.0	84	49499	No
8	GOM_NL__2PRFIN20110818_003519_000000473105_00347_49499_4983.N1	18-AUG-2011 00:35:19	Bright	47.000	162	34Alp Aqr	2.9440	5350.0	94	49499	No
9	GOM_NL__2PRFIN20110818_003826_000000443105_00347_49499_4984.N1	18-AUG-2011 00:38:26	Bright	43.500	61	8Eps Peg	2.1000	3900.0	87	49499	No
10	GOM_NL__2PRFIN20110818_004459_000000393105_00347_49499_4985.N1	18-AUG-2011 00:44:59	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49499	No
11	GOM_NL__2PRFIN20110818_004637_000000383105_00347_49499_4986.N1	18-AUG-2011 00:46:37	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	49499	No
12	GOM_NL__2PRFIN20110818_004810_000000373105_00347_49499_4987.N1	18-AUG-2011 00:48:10	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	49499	No
13	GOM_NL__2PRFIN20110818_005327_000000393105_00347_49499_4988.N1	18-AUG-2011 00:53:27	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	49499	No
14	GOM_NL__2PRFIN20110818_005753_000000443105_00347_49499_4989.N1	18-AUG-2011 00:57:53	Bright	44.000	74	11Bet Cas	2.2680	6600.0	88	49499	No
15	GOM_NL__2PRFIN20110818_011305_000000503105_00347_49499_4990.N1	18-AUG-2011 01:13:05	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	49499	No
16	GOM_NL__2PRFIN20110818_011605_000000403105_00347_49499_4991.N1	18-AUG-2011 01:16:05	Bright	40.000	107	37The Aur	2.6490	11000.	80	49499	No
17	GOM_NL__2PRFIN20110818_011915_000000563105_00347_49499_4992.N1	18-AUG-2011 01:19:15	Twilight_and_stray	55.500	28	12Bet Tau	1.6500	15200.	111	49499	No
18	GOM_NL__2PRFIN20110818_012206_000000453105_00347_49499_4993.N1	18-AUG-2011 01:22:06	Twilight_and_stray	44.500	44	24Gam Gem	1.9280	11000.	89	49499	No
19	GOM_NL__2PRFIN20110818_012543_000000563105_00347_49499_4994.N1	18-AUG-2011 01:25:43	Dark	55.500	14	58Alp Ori	0.87000	3000.0	111	49499	No
20	GOM_NL__2PRFIN20110818_012901_000000533105_00347_49499_4995.N1	18-AUG-2011 01:29:01	Dark	52.500	30	46Eps Ori	1.6940	30000.	105	49499	No
21	GOM_NL__2PRFIN20110818_013028_000000483105_00347_49499_4996.N1	18-AUG-2011 01:30:28	Dark	47.500	125	44Iot Ori	2.7700	30000.	95	49499	No
22	GOM_NL__2PRFIN20110818_013208_000000613105_00347_49499_4997.N1	18-AUG-2011 01:32:08	Dark	60.500	7	19Bet Ori	0.10000	14000.	121	49499	No
23	GOM_NL__2PRFIN20110818_013355_000000503105_00347_49499_4998.N1	18-AUG-2011 01:33:55	Dark	49.500	101	11Alp Lep	2.5820	7000.0	99	49499	No
24	GOM_NL__2PRFIN20110818_014803_000000533105_00348_49500_4976.N1	18-AUG-2011 01:48:03	Dark	53.000	157	The1Eri	2.9060	9300.0	106	49500	No
25	GOM_NL__2PRFIN20110818_015148_000000473105_00348_49500_4977.N1	18-AUG-2011 01:51:48	Dark	47.000	9	Alp Eri	0.45300	24000.	94	49500	No
26	GOM_NL__2PRFIN20110818_015736_000000623105_00348_49500_4978.N1	18-AUG-2011 01:57:36	Straylight	62.000	84	Alp Phe	2.3970	4500.0	124	49500	No
27	GOM_NL__2PRFIN20110818_020052_000000423105_00348_49500_4979.N1	18-AUG-2011 02:00:52	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49500	No
28	GOM_NL__2PRFIN20110818_020449_000000533105_00348_49500_4980.N1	18-AUG-2011 02:04:49	Twilight_and_stray	53.000	18	24Alp PsA	1.1660	9700.0	106	49500	No
29	GOM_NL__2PRFIN20110818_021017_000000413105_00348_49500_4981.N1	18-AUG-2011 02:10:17	Bright	41.000	142	49Del Cap	2.8500	8900.0	82	49500	No
30	GOM_NL__2PRFIN20110818_021339_000000413105_00348_49500_4982.N1	18-AUG-2011 02:13:39	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49500	No
31	GOM_NL__2PRFIN20110818_021532_000000473105_00348_49500_4983.N1	18-AUG-2011 02:15:32	Bright	46.500	162	34Alp Aqr	2.9440	5350.0	93	49500	No
32	GOM_NL__2PRFIN20110818_021840_000000423105_00348_49500_4984.N1	18-AUG-2011 02:18:40	Bright	42.000	61	8Eps Peg	2.1000	3900.0	84	49500	No
33	GOM_NL__2PRFIN20110818_022512_000000393105_00348_49500_4985.N1	18-AUG-2011 02:25:12	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49500	No
34	GOM_NL__2PRFIN20110818_022651_000000383105_00348_49500_4986.N1	18-AUG-2011 02:26:51	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	49500	No
35	GOM_NL__2PRFIN20110818_022824_000000383105_00348_49500_4987.N1	18-AUG-2011 02:28:24	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49500	No
36	GOM_NL__2PRFIN20110818_023341_000000373105_00348_49500_4988.N1	18-AUG-2011 02:33:41	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	49500	No
37	GOM_NL__2PRFIN20110818_023806_000000463105_00348_49500_4989.N1	18-AUG-2011 02:38:06	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	49500	No
38	GOM_NL__2PRFIN20110818_025318_000000493105_00348_49500_4990.N1	18-AUG-2011 02:53:18	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	49500	No
39	GOM_NL__2PRFIN20110818_025619_000000403105_00348_49500_4991.N1	18-AUG-2011 02:56:19	Bright	39.500	107	37The Aur	2.6490	11000.	79	49500	No
40	GOM_NL__2PRFIN20110818_025929_000000543105_00348_49500_4992.N1	18-AUG-2011 02:59:29	Twilight_and_stray	54.000	28	12Bet Tau	1.6500	15200.	108	49500	No
41	GOM_NL__2PRFIN20110818_030220_000000453105_00348_49500_4993.N1	18-AUG-2011 03:02:20	Twilight_and_stray	44.500	44	24Gam Gem	1.9280	11000.	89	49500	No
42	GOM_NL__2PRFIN20110818_030558_000000593105_00348_49500_4994.N1	18-AUG-2011 03:05:58	Dark	59.000	14	58Alp Ori	0.87000	3000.0	118	49500	No

102	GOM_NL__2PRFIN20110818_072554_000000393105_00351_49503_4978.N1	18-AUG-2011 07:25:54	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49503	No
103	GOM_NL__2PRFIN20110818_072733_000000383105_00351_49503_4979.N1	18-AUG-2011 07:27:33	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	49503	No
104	GOM_NL__2PRFIN20110818_072906_000000383105_00351_49503_4980.N1	18-AUG-2011 07:29:06	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49503	No
105	GOM_NL__2PRFIN20110818_073422_000000383105_00351_49503_4981.N1	18-AUG-2011 07:34:22	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49503	No
106	GOM_NL__2PRFIN20110818_073846_000000463105_00351_49503_4982.N1	18-AUG-2011 07:38:46	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	49503	No
107	GOM_NL__2PRFIN20110818_075400_000000483105_00351_49503_4983.N1	18-AUG-2011 07:54:00	Bright	48.000	6	13Alp Aur	0.080000	3400.0	96	49503	No
108	GOM_NL__2PRFIN20110818_075701_000000393105_00351_49503_4984.N1	18-AUG-2011 07:57:01	Bright	39.000	107	37The Aur	2.6490	11000.	78	49503	No
109	GOM_NL__2PRFIN20110818_080011_000000543105_00351_49503_4985.N1	18-AUG-2011 08:00:11	Twilight	53.500	28	12Bet Tau	1.6500	15200.	107	49503	No
110	GOM_NL__2PRFIN20110818_080303_000000453105_00351_49503_4986.N1	18-AUG-2011 08:03:03	Twilight	45.000	44	24Gam Gem	1.9280	11000.	90	49503	No
111	GOM_NL__2PRFIN20110818_080641_000000623105_00351_49503_4987.N1	18-AUG-2011 08:06:41	Dark	62.000	14	58Alp Ori	0.87000	3000.0	124	49503	No
112	GOM_NL__2PRFIN20110818_081000_000000513105_00351_49503_4988.N1	18-AUG-2011 08:10:00	Dark	50.500	30	46Eps Ori	1.6940	30000.	101	49503	No
113	GOM_NL__2PRFIN20110818_081127_000000493105_00351_49503_4989.N1	18-AUG-2011 08:11:27	Dark	48.500	125	44lot Ori	2.7700	30000.	97	49503	No
114	GOM_NL__2PRFIN20110818_081308_000000613105_00351_49503_4990.N1	18-AUG-2011 08:13:08	Dark	60.500	7	19Bet Ori	0.10000	14000.	121	49503	No
115	GOM_NL__2PRFIN20110818_081454_000000493105_00351_49503_4991.N1	18-AUG-2011 08:14:54	Dark	48.500	101	11Alp Lep	2.5820	7000.0	97	49503	No
116	GOM_NL__2PRFIN20110818_082904_000000513105_00352_49504_4969.N1	18-AUG-2011 08:29:04	Dark	50.500	157	The1Eri	2.9060	9300.0	101	49504	No
117	GOM_NL__2PRFIN20110818_083247_000000503105_00352_49504_4970.N1	18-AUG-2011 08:32:47	Dark	49.500	9	Alp Eri	0.45300	24000.	99	49504	No
118	GOM_NL__2PRFIN20110818_083835_000000543105_00352_49504_4971.N1	18-AUG-2011 08:38:35	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49504	No
119	GOM_NL__2PRFIN20110818_084150_000000423105_00352_49504_4972.N1	18-AUG-2011 08:41:50	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49504	No
120	GOM_NL__2PRFIN20110818_084547_000000543105_00352_49504_4973.N1	18-AUG-2011 08:45:47	Twilight	53.500	18	24Alp PsA	1.1660	9700.0	107	49504	No
121	GOM_NL__2PRFIN20110818_085113_000000483105_00352_49504_4974.N1	18-AUG-2011 08:51:13	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	49504	No
122	GOM_NL__2PRFIN20110818_085435_000000413105_00352_49504_4975.N1	18-AUG-2011 08:54:35	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49504	No
123	GOM_NL__2PRFIN20110818_085628_000000463105_00352_49504_4976.N1	18-AUG-2011 08:56:28	Bright	46.000	162	34Alp Aqr	2.9440	5350.0	92	49504	No
124	GOM_NL__2PRFIN20110818_085935_000000423105_00352_49504_4977.N1	18-AUG-2011 08:59:35	Bright	41.500	61	8Eps Peg	2.1000	3900.0	83	49504	No
125	GOM_NL__2PRFIN20110818_090608_000000393105_00352_49504_4978.N1	18-AUG-2011 09:06:08	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	49504	No
126	GOM_NL__2PRFIN20110818_090747_000000373105_00352_49504_4979.N1	18-AUG-2011 09:07:47	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	49504	No
127	GOM_NL__2PRFIN20110818_090919_000000393105_00352_49504_4980.N1	18-AUG-2011 09:09:19	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	49504	No
128	GOM_NL__2PRFIN20110818_091436_000000383105_00352_49504_4981.N1	18-AUG-2011 09:14:36	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49504	No
129	GOM_NL__2PRFIN20110818_091859_000000473105_00352_49504_4982.N1	18-AUG-2011 09:18:59	Bright	47.000	74	11Bet Cas	2.2680	6600.0	94	49504	No
130	GOM_NL__2PRFIN20110818_093414_000000463105_00352_49504_4983.N1	18-AUG-2011 09:34:14	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	49504	No
131	GOM_NL__2PRFIN20110818_093715_000000603105_00352_49504_4984.N1	18-AUG-2011 09:37:15	Bright	60.000	107	37The Aur	2.6490	11000.	120	49504	No
132	GOM_NL__2PRFIN20110818_094026_000000573105_00352_49504_4985.N1	18-AUG-2011 09:40:26	Twilight	57.000	28	12Bet Tau	1.6500	15200.	114	49504	No
133	GOM_NL__2PRFIN20110818_094318_000000433105_00352_49504_4986.N1	18-AUG-2011 09:43:18	Twilight	42.500	44	24Gam Gem	1.9280	11000.	85	49504	No
134	GOM_NL__2PRFIN20110818_094656_000000443105_00352_49504_4987.N1	18-AUG-2011 09:46:56	Dark	43.500	14	58Alp Ori	0.87000	3000.0	87	49504	No
135	GOM_NL__2PRFIN20110818_095015_000000523105_00352_49504_4988.N1	18-AUG-2011 09:50:15	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	49504	No
136	GOM_NL__2PRFIN20110818_095142_000000473105_00352_49504_4989.N1	18-AUG-2011 09:51:42	Dark	46.500	125	44lot Ori	2.7700	30000.	93	49504	No
137	GOM_NL__2PRFIN20110818_095323_000000583105_00352_49504_4990.N1	18-AUG-2011 09:53:23	Dark	57.500	7	19Bet Ori	0.10000	14000.	115	49504	No
138	GOM_NL__2PRFIN20110818_095509_000000473105_00352_49504_4991.N1	18-AUG-2011 09:55:09	Dark	47.000	101	11Alp Lep	2.5820	7000.0	94	49504	No
139	GOM_NL__2PRFIN20110818_100919_000000513105_00353_49505_4969.N1	18-AUG-2011 10:09:19	Dark	51.000	157	The1Eri	2.9060	9300.0	102	49505	No
140	GOM_NL__2PRFIN20110818_101302_000000433105_00353_49505_4970.N1	18-AUG-2011 10:13:02	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49505	No
141	GOM_NL__2PRFIN20110818_101850_000000543105_00353_49505_4971.N1	18-AUG-2011 10:18:50	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49505	No
142	GOM_NL__2PRFIN20110818_102204_000000423105_00353_49505_4972.N1	18-AUG-2011 10:22:04	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49505	No
143	GOM_NL__2PRFIN20110818_102601_000000533105_00353_49505_4973.N1	18-AUG-2011 10:26:01	Twilight	53.000	18	24Alp PsA	1.1660	9700.0	106	49505	No
144	GOM_NL__2PRFIN20110818_103127_000000443105_00353_49505_4974.N1	18-AUG-2011 10:31:27	Bright	43.500	142	49Del Cap	2.8500	8900.0	87	49505	No
145	GOM_NL__2PRFIN20110818_103449_000000413105_00353_49505_4975.N1	18-AUG-2011 10:34:49	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49505	No
146	GOM_NL__2PRFIN20110818_103641_000000473105_00353_49505_4976.N1	18-AUG-2011 10:36:41	Bright	46.500	162	34Alp Aqr	2.9440	5350.0	93	49505	No
147	GOM_NL__2PRFIN20110818_103949_000000423105_00353_49505_4977.N1	18-AUG-2011 10:39:49	Bright	42.000	61	8Eps Peg	2.1000	3900.0	84	49505	No
148	GOM_NL__2PRFIN20110818_104622_000000403105_00353_49505_4978.N1	18-AUG-2011 10:46:22	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	49505	No
149	GOM_NL__2PRFIN20110818_104801_000000383105_00353_49505_4979.N1	18-AUG-2011 10:48:01	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	49505	No
150	GOM_NL__2PRFIN20110818_104933_000000393105_00353_49505_4980.N1	18-AUG-2011 10:49:33	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	49505	No
151	GOM_NL__2PRFIN20110818_105449_000000393105_00353_49505_4981.N1	18-AUG-2011 10:54:49	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49505	No
152	GOM_NL__2PRFIN20110818_105912_000000493105_00353_49505_4982.N1	18-AUG-2011 10:59:12	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	49505	No
153	GOM_NL__2PRFIN20110818_111428_000000503105_00353_49505_4983.N1	18-AUG-2011 11:14:28	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	49505	No
154	GOM_NL__2PRFIN20110818_111729_000000413105_00353_49505_4984.N1	18-AUG-2011 11:17:29	Bright	41.000	107	37The Aur	2.6490	11000.	82	49505	No
155	GOM_NL__2PRFIN20110818_112040_000000533105_00353_49505_4985.N1	18-AUG-2011 11:20:40	Twilight	52.500	28	12Bet Tau	1.6500	15200.	105	49505	No
156	GOM_NL__2PRFIN20110818_112332_000000423105_00353_49505_4986.N1	18-AUG-2011 11:23:32	Twilight	42.000	44	24Gam Gem	1.9280	11000.	84	49505	No
157	GOM_NL__2PRFIN20110818_112710_000000543105_00353_49505_4987.N1	18-AUG-2011 11:27:10	Dark	54.000	14	58Alp Ori	0.87000	3000.0	108	49505	No
158	GOM_NL__2PRFIN20110818_113029_000000523105_00353_49505_4988.N1	18-AUG-2011 11:30:29	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	49505	No
159	GOM_NL__2PRFIN20110818_113156_000000493105_00353_49505_4989.N1	18-AUG-2011 11:31:56	Dark	48.500	125	44lot Ori	2.7700	30000.	97	49505	No
160	GOM_NL__2PRFIN20110818_113338_000000583105_00353_49505_4990.N1	18-AUG-2011 11:33:38	Dark	57.500	7	19Bet Ori	0.10000	14000.	115	49505	No

161	GOM_NL__2PRFIN20110818_113524_000000473105_00353_49505_4991.N1	18-AUG-2011 11:35:24	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	49505	No
162	GOM_NL__2PRFIN20110818_114934_000000513105_00354_49506_4969.N1	18-AUG-2011 11:49:34	Dark	51.000	157	The1Eri	2.9060	9300.0	102	49506	No
163	GOM_NL__2PRFIN20110818_115316_000000453105_00354_49506_4970.N1	18-AUG-2011 11:53:16	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49506	No
164	GOM_NL__2PRFIN20110818_115905_000000513105_00354_49506_4971.N1	18-AUG-2011 11:59:05	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	49506	No
165	GOM_NL__2PRFIN20110818_120218_000000433105_00354_49506_4972.N1	18-AUG-2011 12:02:18	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	49506	No
166	GOM_NL__2PRFIN20110818_120616_000000533105_00354_49506_4973.N1	18-AUG-2011 12:06:16	Tw_i_and_stray	52.500	18	24Alp PsA	1.1660	9700.0	105	49506	No
167	GOM_NL__2PRFIN20110818_121141_000000423105_00354_49506_4974.N1	18-AUG-2011 12:11:41	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	49506	No
168	GOM_NL__2PRFIN20110818_121503_000000413105_00354_49506_4975.N1	18-AUG-2011 12:15:03	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49506	No
169	GOM_NL__2PRFIN20110818_121655_000000473105_00354_49506_4976.N1	18-AUG-2011 12:16:55	Bright	46.500	162	34Alp Aqr	2.9440	5350.0	93	49506	No
170	GOM_NL__2PRFIN20110818_122002_000000433105_00354_49506_4977.N1	18-AUG-2011 12:20:02	Bright	42.500	61	8Eps Peg	2.1000	3900.0	85	49506	No
171	GOM_NL__2PRFIN20110818_122635_000000363105_00354_49506_4978.N1	18-AUG-2011 12:26:35	Bright	35.500	92	53Eps Cyg	2.5000	4500.0	71	49506	No
172	GOM_NL__2PRFIN20110818_122814_000000373105_00354_49506_4979.N1	18-AUG-2011 12:28:14	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	49506	No
173	GOM_NL__2PRFIN20110818_122947_000000393105_00354_49506_4980.N1	18-AUG-2011 12:29:47	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	49506	No
174	GOM_NL__2PRFIN20110818_123503_000000383105_00354_49506_4981.N1	18-AUG-2011 12:35:03	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	49506	No
175	GOM_NL__2PRFIN20110818_123925_000000493105_00354_49506_4982.N1	18-AUG-2011 12:39:25	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	49506	No
176	GOM_NL__2PRFIN20110818_125442_000000523105_00354_49506_4983.N1	18-AUG-2011 12:54:42	Bright	51.500	6	13Alp Aur	0.080000	3400.0	103	49506	No
177	GOM_NL__2PRFIN20110818_125743_000000403105_00354_49506_4984.N1	18-AUG-2011 12:57:43	Bright	40.000	107	37The Aur	2.6490	11000.	80	49506	No
178	GOM_NL__2PRFIN20110818_130054_000000523105_00354_49506_4985.N1	18-AUG-2011 13:00:54	Tw_i_and_stray	52.000	28	12Bet Tau	1.6500	15200.	104	49506	No
179	GOM_NL__2PRFIN20110818_130346_000000383105_00354_49506_4986.N1	18-AUG-2011 13:03:46	Tw_i_and_stray	38.000	44	24Gam Gem	1.9280	11000.	76	49506	No
180	GOM_NL__2PRFIN20110818_130725_000000563105_00354_49506_4987.N1	18-AUG-2011 13:07:25	Dark	56.000	14	58Alp Ori	0.87000	3000.0	112	49506	No
181	GOM_NL__2PRFIN20110818_131044_000000513105_00354_49506_4988.N1	18-AUG-2011 13:10:44	Dark	51.000	30	46Eps Ori	1.6940	30000.	102	49506	No
182	GOM_NL__2PRFIN20110818_131211_000000493105_00354_49506_4989.N1	18-AUG-2011 13:12:11	Dark	48.500	125	44Iot Ori	2.7700	30000.	97	49506	No
183	GOM_NL__2PRFIN20110818_131352_000000573105_00354_49506_4990.N1	18-AUG-2011 13:13:52	Dark	57.000	7	19Bet Ori	0.10000	14000.	114	49506	No
184	GOM_NL__2PRFIN20110818_131538_000000463105_00354_49506_4991.N1	18-AUG-2011 13:15:38	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	49506	No
185	GOM_NL__2PRFIN20110818_132949_000000513105_00355_49507_4969.N1	18-AUG-2011 13:29:49	Dark	51.000	157	The1Eri	2.9060	9300.0	102	49507	No
186	GOM_NL__2PRFIN20110818_133331_000000463105_00355_49507_4970.N1	18-AUG-2011 13:33:31	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49507	No
187	GOM_NL__2PRFIN20110818_133920_000000513105_00355_49507_4971.N1	18-AUG-2011 13:39:20	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	49507	No
188	GOM_NL__2PRFIN20110818_134232_000000413105_00355_49507_4972.N1	18-AUG-2011 13:42:32	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	49507	No
189	GOM_NL__2PRFIN20110818_134630_000000533105_00355_49507_4973.N1	18-AUG-2011 13:46:30	Tw_i_and_stray	52.500	18	24Alp PsA	1.1660	9700.0	105	49507	No
190	GOM_NL__2PRFIN20110818_135155_000000433105_00355_49507_4974.N1	18-AUG-2011 13:51:55	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	49507	No
191	GOM_NL__2PRFIN20110818_135516_000000413105_00355_49507_4975.N1	18-AUG-2011 13:55:16	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49507	No
192	GOM_NL__2PRFIN20110818_135709_000000463105_00355_49507_4976.N1	18-AUG-2011 13:57:09	Bright	45.500	162	34Alp Aqr	2.9440	5350.0	91	49507	No
193	GOM_NL__2PRFIN20110818_140016_000000433105_00355_49507_4977.N1	18-AUG-2011 14:00:16	Bright	43.000	61	8Eps Peg	2.1000	3900.0	86	49507	No
194	GOM_NL__2PRFIN20110818_140649_000000383105_00355_49507_4978.N1	18-AUG-2011 14:06:49	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	49507	No
195	GOM_NL__2PRFIN20110818_140828_000000383105_00355_49507_4979.N1	18-AUG-2011 14:08:28	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	49507	No
196	GOM_NL__2PRFIN20110818_141001_000000393105_00355_49507_4980.N1	18-AUG-2011 14:10:01	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	49507	No
197	GOM_NL__2PRFIN20110818_141517_000000383105_00355_49507_4981.N1	18-AUG-2011 14:15:17	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49507	No
198	GOM_NL__2PRFIN20110818_141939_000000463105_00355_49507_4982.N1	18-AUG-2011 14:19:39	Bright	45.500	74	11Bet Cas	2.2680	6600.0	91	49507	No
199	GOM_NL__2PRFIN20110818_143455_000000493105_00355_49507_4983.N1	18-AUG-2011 14:34:55	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	49507	No
200	GOM_NL__2PRFIN20110818_143757_000000463105_00355_49507_4984.N1	18-AUG-2011 14:37:57	Bright	45.500	107	37The Aur	2.6490	11000.	91	49507	No
201	GOM_NL__2PRFIN20110818_144108_000000533105_00355_49507_4985.N1	18-AUG-2011 14:41:08	Tw_i_and_stray	52.500	28	12Bet Tau	1.6500	15200.	105	49507	No
202	GOM_NL__2PRFIN20110818_144400_000000403105_00355_49507_4986.N1	18-AUG-2011 14:44:00	Tw_i_and_stray	40.000	44	24Gam Gem	1.9280	11000.	80	49507	No
203	GOM_NL__2PRFIN20110818_144739_000000523105_00355_49507_4987.N1	18-AUG-2011 14:47:39	Dark	51.500	14	58Alp Ori	0.87000	3000.0	103	49507	No
204	GOM_NL__2PRFIN20110818_145059_000000523105_00355_49507_4988.N1	18-AUG-2011 14:50:59	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	49507	No
205	GOM_NL__2PRFIN20110818_145226_000000493105_00355_49507_4989.N1	18-AUG-2011 14:52:26	Dark	49.000	125	44Iot Ori	2.7700	30000.	98	49507	No
206	GOM_NL__2PRFIN20110818_145407_000000593105_00355_49507_4990.N1	18-AUG-2011 14:54:07	Dark	59.000	7	19Bet Ori	0.10000	14000.	118	49507	No
207	GOM_NL__2PRFIN20110818_145553_000000483105_00355_49507_4991.N1	18-AUG-2011 14:55:53	Dark	48.000	101	11Alp Lep	2.5820	7000.0	96	49507	No
208	GOM_NL__2PRFIN20110818_151004_000000533105_00356_49508_5022.N1	18-AUG-2011 15:10:04	Dark	52.500	157	The1Eri	2.9060	9300.0	105	49508	No
209	GOM_NL__2PRFIN20110818_151346_000000453105_00356_49508_5023.N1	18-AUG-2011 15:13:46	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49508	No
210	GOM_NL__2PRFIN20110818_151934_000000523105_00356_49508_5024.N1	18-AUG-2011 15:19:34	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	49508	No
211	GOM_NL__2PRFIN20110818_152247_000000403105_00356_49508_5025.N1	18-AUG-2011 15:22:47	Straylight	39.500	31	Alp Gru	1.7340	15200.	79	49508	No
212	GOM_NL__2PRFIN20110818_152644_000000513105_00356_49508_5026.N1	18-AUG-2011 15:26:44	Tw_i_and_stray	51.000	18	24Alp PsA	1.1660	9700.0	102	49508	No
213	GOM_NL__2PRFIN20110818_153209_000000433105_00356_49508_5027.N1	18-AUG-2011 15:32:09	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	49508	No
214	GOM_NL__2PRFIN20110818_153530_000000413105_00356_49508_5028.N1	18-AUG-2011 15:35:30	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49508	No
215	GOM_NL__2PRFIN20110818_153723_000000473105_00356_49508_5029.N1	18-AUG-2011 15:37:23	Bright	46.500	162	34Alp Aqr	2.9440	5350.0	93	49508	No
216	GOM_NL__2PRFIN20110818_154030_000000423105_00356_49508_5030.N1	18-AUG-2011 15:40:30	Bright	42.000	61	8Eps Peg	2.1000	3900.0	84	49508	No
217	GOM_NL__2PRFIN20110818_154703_000000373105_00356_49508_5031.N1	18-AUG-2011 15:47:03	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	49508	No
218	GOM_NL__2PRFIN20110818_154842_000000393105_00356_49508_5032.N1	18-AUG-2011 15:48:42	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	49508	No
219	GOM_NL__2PRFIN20110818_155015_000000393105_00356_49508_5033.N1	18-AUG-2011 15:50:15	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	49508	No

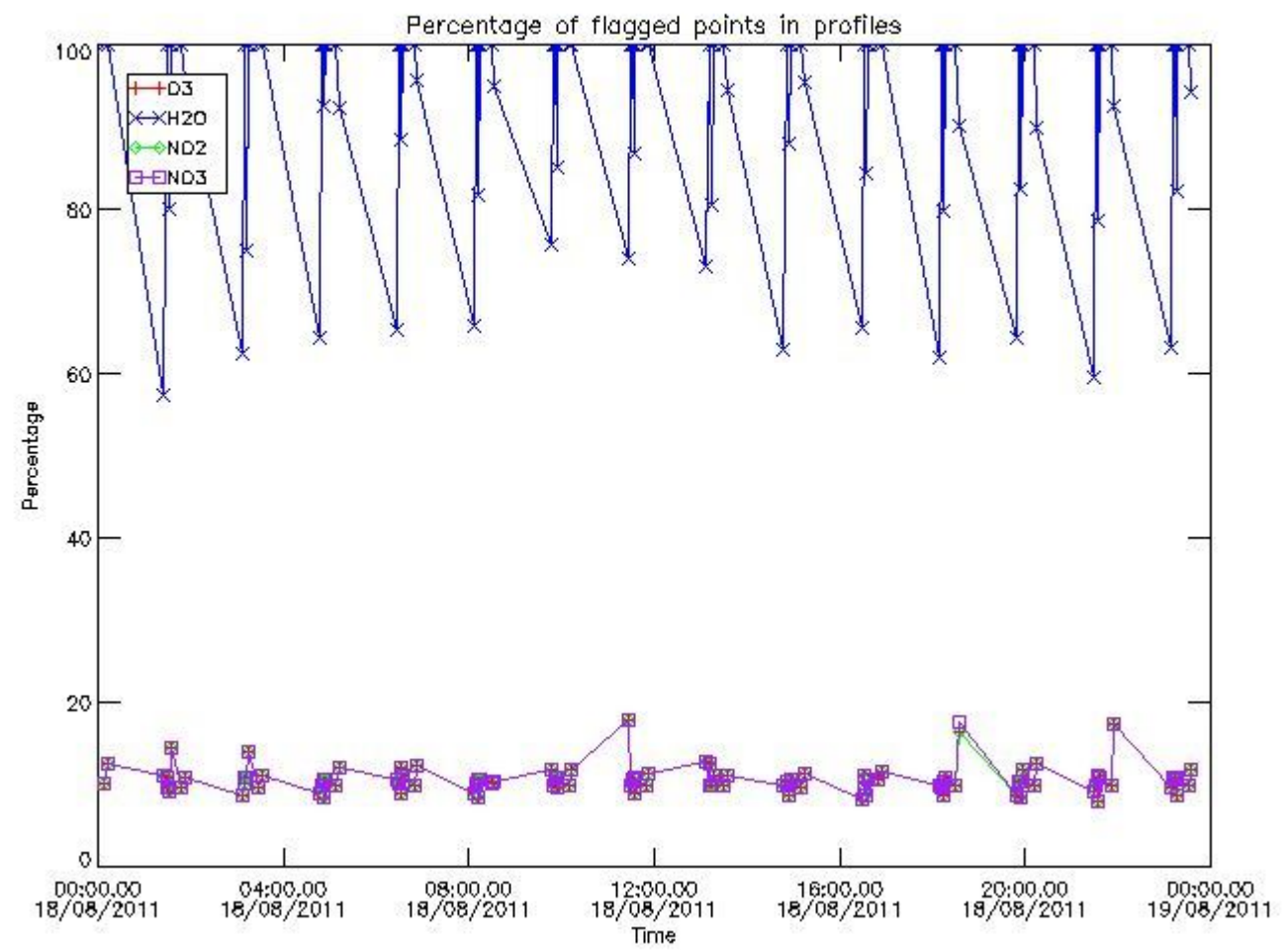
220	GOM_NL__2PRFIN20110818_155531_000000363105_00356_49508_5034.N1	18-AUG-2011 15:55:31	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	49508	No
221	GOM_NL__2PRFIN20110818_155952_000000463105_00356_49508_5035.N1	18-AUG-2011 15:59:52	Bright	46.000	74	11Bet Cas	2.2680	6600.0	92	49508	No
222	GOM_NL__2PRFIN20110818_161509_000000503105_00356_49508_5036.N1	18-AUG-2011 16:15:09	Bright	50.000	6	13Alp Aur	0.080000	3400.0	100	49508	No
223	GOM_NL__2PRFIN20110818_161811_000000413105_00356_49508_5037.N1	18-AUG-2011 16:18:11	Bright	40.500	107	37The Aur	2.6490	11000.	81	49508	No
224	GOM_NL__2PRFIN20110818_162122_000000553105_00356_49508_5038.N1	18-AUG-2011 16:21:22	Tw_i_and_stray	54.500	28	12Bet Tau	1.6500	15200.	109	49508	No
225	GOM_NL__2PRFIN20110818_162415_000000393105_00356_49508_5039.N1	18-AUG-2011 16:24:15	Tw_i_and_stray	38.500	44	24Gam Gem	1.9280	11000.	77	49508	No
226	GOM_NL__2PRFIN20110818_162754_000000633105_00356_49508_5040.N1	18-AUG-2011 16:27:54	Dark	63.000	14	58Alp Ori	0.87000	3000.0	126	49508	No
227	GOM_NL__2PRFIN20110818_163113_000000543105_00356_49508_5041.N1	18-AUG-2011 16:31:13	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	49508	No
228	GOM_NL__2PRFIN20110818_163240_000000503105_00356_49508_5042.N1	18-AUG-2011 16:32:40	Dark	50.000	125	44lot Ori	2.7700	30000.	100	49508	No
229	GOM_NL__2PRFIN20110818_163422_000000583105_00356_49508_5043.N1	18-AUG-2011 16:34:22	Dark	58.000	7	19Bet Ori	0.10000	14000.	116	49508	No
230	GOM_NL__2PRFIN20110818_163608_000000493105_00356_49508_5044.N1	18-AUG-2011 16:36:08	Dark	48.500	101	11Alp Lep	2.5820	7000.0	97	49508	No
231	GOM_NL__2PRFIN20110818_165019_000000533105_00357_49509_5022.N1	18-AUG-2011 16:50:19	Dark	53.000	157	The1Eri	2.9060	9300.0	106	49509	No
232	GOM_NL__2PRFIN20110818_165400_000000443105_00357_49509_5023.N1	18-AUG-2011 16:54:00	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49509	No
233	GOM_NL__2PRFIN20110818_165949_000000513105_00357_49509_5024.N1	18-AUG-2011 16:59:49	Straylight	50.500	84	Alp Phe	2.3970	4500.0	101	49509	No
234	GOM_NL__2PRFIN20110818_170301_000000453105_00357_49509_5025.N1	18-AUG-2011 17:03:01	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	49509	No
235	GOM_NL__2PRFIN20110818_170659_000000533105_00357_49509_5026.N1	18-AUG-2011 17:06:59	Tw_i_and_stray	53.000	18	24Alp PsA	1.1660	9700.0	106	49509	No
236	GOM_NL__2PRFIN20110818_171223_000000423105_00357_49509_5027.N1	18-AUG-2011 17:12:23	Bright	41.500	142	49Del Cap	2.8500	8900.0	83	49509	No
237	GOM_NL__2PRFIN20110818_171544_000000423105_00357_49509_5028.N1	18-AUG-2011 17:15:44	Bright	41.500	154	22Bet Aqr	2.8990	5700.0	83	49509	No
238	GOM_NL__2PRFIN20110818_171737_000000473105_00357_49509_5029.N1	18-AUG-2011 17:17:37	Bright	46.500	162	34Alp Aqr	2.9440	5350.0	93	49509	No
239	GOM_NL__2PRFIN20110818_172044_000000433105_00357_49509_5030.N1	18-AUG-2011 17:20:44	Bright	43.000	61	8Eps Peg	2.1000	3900.0	86	49509	No
240	GOM_NL__2PRFIN20110818_172717_000000383105_00357_49509_5031.N1	18-AUG-2011 17:27:17	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	49509	No
241	GOM_NL__2PRFIN20110818_172856_000000373105_00357_49509_5032.N1	18-AUG-2011 17:28:56	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	49509	No
242	GOM_NL__2PRFIN20110818_173028_000000393105_00357_49509_5033.N1	18-AUG-2011 17:30:28	Bright	38.500	19	50Alp Cyg	1.2460	10500.	77	49509	No
243	GOM_NL__2PRFIN20110818_173545_000000393105_00357_49509_5034.N1	18-AUG-2011 17:35:45	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49509	No
244	GOM_NL__2PRFIN20110818_174005_000000493105_00357_49509_5035.N1	18-AUG-2011 17:40:05	Bright	48.500	74	11Bet Cas	2.2680	6600.0	97	49509	No
245	GOM_NL__2PRFIN20110818_175523_000000493105_00357_49509_5036.N1	18-AUG-2011 17:55:23	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	49509	No
246	GOM_NL__2PRFIN20110818_175825_000000413105_00357_49509_5037.N1	18-AUG-2011 17:58:25	Bright	40.500	107	37The Aur	2.6490	11000.	81	49509	No
247	GOM_NL__2PRFIN20110818_180137_000000533105_00357_49509_5038.N1	18-AUG-2011 18:01:37	Tw_i_and_stray	52.500	28	12Bet Tau	1.6500	15200.	105	49509	No
248	GOM_NL__2PRFIN20110818_180429_000000443105_00357_49509_5039.N1	18-AUG-2011 18:04:29	Tw_i_and_stray	44.000	44	24Gam Gem	1.9280	11000.	88	49509	No
249	GOM_NL__2PRFIN20110818_180808_000000573105_00357_49509_5040.N1	18-AUG-2011 18:08:08	Dark	57.000	14	58Alp Ori	0.87000	3000.0	114	49509	No
250	GOM_NL__2PRFIN20110818_181128_000000543105_00357_49509_5041.N1	18-AUG-2011 18:11:28	Dark	53.500	30	46Eps Ori	1.6940	30000.	107	49509	No
251	GOM_NL__2PRFIN20110818_181255_000000493105_00357_49509_5042.N1	18-AUG-2011 18:12:55	Dark	49.000	125	44lot Ori	2.7700	30000.	98	49509	No
252	GOM_NL__2PRFIN20110818_181437_000000603105_00357_49509_5043.N1	18-AUG-2011 18:14:37	Dark	59.500	7	19Bet Ori	0.10000	14000.	119	49509	No
253	GOM_NL__2PRFIN20110818_181623_000000473105_00357_49509_5044.N1	18-AUG-2011 18:16:23	Dark	47.000	101	11Alp Lep	2.5820	7000.0	94	49509	No
254	GOM_NL__2PRFIN20110818_183035_000000523105_00358_49510_5022.N1	18-AUG-2011 18:30:35	Dark	51.500	157	The1Eri	2.9060	9300.0	103	49510	No
255	GOM_NL__2PRFIN20110818_183415_000000473105_00358_49510_5023.N1	18-AUG-2011 18:34:15	Dark	46.500	9	Alp Eri	0.45300	24000.	93	49510	No
256	GOM_NL__2PRFIN20110818_184004_000000613105_00358_49510_5024.N1	18-AUG-2011 18:40:04	Straylight	61.000	84	Alp Phe	2.3970	4500.0	122	49510	No
257	GOM_NL__2PRFIN20110818_184315_000000403105_00358_49510_5025.N1	18-AUG-2011 18:43:15	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	49510	No
258	GOM_NL__2PRFIN20110818_184713_000000553105_00358_49510_5026.N1	18-AUG-2011 18:47:13	Tw_i_and_stray	55.000	18	24Alp PsA	1.1660	9700.0	110	49510	No
259	GOM_NL__2PRFIN20110818_185238_000000423105_00358_49510_5027.N1	18-AUG-2011 18:52:38	Bright	42.000	142	49Del Cap	2.8500	8900.0	84	49510	No
260	GOM_NL__2PRFIN20110818_185559_000000413105_00358_49510_5028.N1	18-AUG-2011 18:55:59	Bright	41.000	154	22Bet Aqr	2.8990	5700.0	82	49510	No
261	GOM_NL__2PRFIN20110818_185750_000000463105_00358_49510_5029.N1	18-AUG-2011 18:57:50	Bright	45.500	162	34Alp Aqr	2.9440	5350.0	91	49510	No
262	GOM_NL__2PRFIN20110818_190057_000000433105_00358_49510_5030.N1	18-AUG-2011 19:00:57	Bright	43.000	61	8Eps Peg	2.1000	3900.0	86	49510	No
263	GOM_NL__2PRFIN20110818_190731_000000383105_00358_49510_5031.N1	18-AUG-2011 19:07:31	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	49510	No
264	GOM_NL__2PRFIN20110818_190910_000000373105_00358_49510_5032.N1	18-AUG-2011 19:09:10	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	49510	No
265	GOM_NL__2PRFIN20110818_191042_000000393105_00358_49510_5033.N1	18-AUG-2011 19:10:42	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	49510	No
266	GOM_NL__2PRFIN20110818_191558_000000383105_00358_49510_5034.N1	18-AUG-2011 19:15:58	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49510	No
267	GOM_NL__2PRFIN20110818_192018_000000483105_00358_49510_5035.N1	18-AUG-2011 19:20:18	Bright	48.000	74	11Bet Cas	2.2680	6600.0	96	49510	No
268	GOM_NL__2PRFIN20110818_193537_000000653105_00358_49510_5036.N1	18-AUG-2011 19:35:37	Bright	65.000	6	13Alp Aur	0.080000	3400.0	130	49510	No
269	GOM_NL__2PRFIN20110818_193840_000000423105_00358_49510_5037.N1	18-AUG-2011 19:38:40	Bright	42.000	107	37The Aur	2.6490	11000.	84	49510	No
270	GOM_NL__2PRFIN20110818_194151_000000523105_00358_49510_5038.N1	18-AUG-2011 19:41:51	Tw_i_and_stray	51.500	28	12Bet Tau	1.6500	15200.	103	49510	No
271	GOM_NL__2PRFIN20110818_194443_000000443105_00358_49510_5039.N1	18-AUG-2011 19:44:43	Tw_i_and_stray	44.000	44	24Gam Gem	1.9280	11000.	88	49510	No
272	GOM_NL__2PRFIN20110818_194823_000000583105_00358_49510_5040.N1	18-AUG-2011 19:48:23	Dark	58.000	14	58Alp Ori	0.87000	3000.0	116	49510	No
273	GOM_NL__2PRFIN20110818_195143_000000543105_00358_49510_5041.N1	18-AUG-2011 19:51:43	Dark	54.000	30	46Eps Ori	1.6940	30000.	108	49510	No
274	GOM_NL__2PRFIN20110818_195310_000000493105_00358_49510_5042.N1	18-AUG-2011 19:53:10	Dark	49.000	125	44lot Ori	2.7700	30000.	98	49510	No
275	GOM_NL__2PRFIN20110818_195452_000000603105_00358_49510_5043.N1	18-AUG-2011 19:54:52	Dark	60.000	7	19Bet Ori	0.10000	14000.	120	49510	No
276	GOM_NL__2PRFIN20110818_195637_000000483105_00358_49510_5044.N1	18-AUG-2011 19:56:37	Dark	47.500	101	11Alp Lep	2.5820	7000.0	95	49510	No
277	GOM_NL__2PRFIN20110818_201050_000000513105_00359_49511_5022.N1	18-AUG-2011 20:10:50	Dark	51.000	157	The1Eri	2.9060	9300.0	102	49511	No
278	GOM_NL__2PRFIN20110818_201430_000000453105_00359_49511_5023.N1	18-AUG-2011 20:14:30	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49511	No

279	GOM_NL__2PRFIN20110818_202019_000000643105_00359_49511_5024.N1	18-AUG-2011 20:20:19	Straylight	63.500	84	Alp Phe	2.3970	4500.0	127	49511	No
280	GOM_NL__2PRFIN20110818_202330_000000413105_00359_49511_5025.N1	18-AUG-2011 20:23:30	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	49511	No
281	GOM_NL__2PRFIN20110818_202728_000000533105_00359_49511_5026.N1	18-AUG-2011 20:27:28	Twilight_stray	52.500	18	24Alp PsA	1.1660	9700.0	105	49511	No
282	GOM_NL__2PRFIN20110818_203252_000000583105_00359_49511_5027.N1	18-AUG-2011 20:32:52	Bright	58.000	142	49Del Cap	2.8500	8900.0	116	49511	No
283	GOM_NL__2PRFIN20110818_203613_000000423105_00359_49511_5028.N1	18-AUG-2011 20:36:13	Bright	41.500	154	22Bet Aqr	2.8990	5700.0	83	49511	No
284	GOM_NL__2PRFIN20110818_203804_000000473105_00359_49511_5029.N1	18-AUG-2011 20:38:04	Bright	46.500	162	34Alp Aqr	2.9440	5350.0	93	49511	No
285	GOM_NL__2PRFIN20110818_204111_000000453105_00359_49511_5030.N1	18-AUG-2011 20:41:11	Bright	44.500	61	8Eps Peg	2.1000	3900.0	89	49511	No
286	GOM_NL__2PRFIN20110818_204745_000000353105_00359_49511_5031.N1	18-AUG-2011 20:47:45	Bright	35.000	92	53Eps Cyg	2.5000	4500.0	70	49511	No
287	GOM_NL__2PRFIN20110818_205056_000000393105_00359_49511_5032.N1	18-AUG-2011 20:50:56	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	49511	No
288	GOM_NL__2PRFIN20110818_205612_000000393105_00359_49511_5033.N1	18-AUG-2011 20:56:12	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	49511	No
289	GOM_NL__2PRFIN20110818_210032_000000473105_00359_49511_5034.N1	18-AUG-2011 21:00:32	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	49511	No
290	GOM_NL__2PRFIN20110818_211551_000000493105_00359_49511_5035.N1	18-AUG-2011 21:15:51	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	49511	No
291	GOM_NL__2PRFIN20110818_211853_000000403105_00359_49511_5036.N1	18-AUG-2011 21:18:53	Bright	40.000	107	37The Aur	2.6490	11000.	80	49511	No
292	GOM_NL__2PRFIN20110818_212205_000000563105_00359_49511_5037.N1	18-AUG-2011 21:22:05	Twilight_stray	56.000	28	12Bet Tau	1.6500	15200.	112	49511	No
293	GOM_NL__2PRFIN20110818_212457_000000453105_00359_49511_5038.N1	18-AUG-2011 21:24:57	Twilight_stray	44.500	44	24Gam Gem	1.9280	11000.	89	49511	No
294	GOM_NL__2PRFIN20110818_212837_000000563105_00359_49511_5039.N1	18-AUG-2011 21:28:37	Dark	56.000	14	58Alp Ori	0.87000	3000.0	112	49511	No
295	GOM_NL__2PRFIN20110818_213157_000000523105_00359_49511_5040.N1	18-AUG-2011 21:31:57	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	49511	No
296	GOM_NL__2PRFIN20110818_213324_000000463105_00359_49511_5041.N1	18-AUG-2011 21:33:24	Dark	45.500	125	44lot Ori	2.7700	30000.	91	49511	No
297	GOM_NL__2PRFIN20110818_213507_000000643105_00359_49511_5042.N1	18-AUG-2011 21:35:07	Dark	63.500	7	19Bet Ori	0.10000	14000.	127	49511	No
298	GOM_NL__2PRFIN20110818_213652_000000483105_00359_49511_5043.N1	18-AUG-2011 21:36:52	Dark	47.500	101	11Alp Lep	2.5820	7000.0	95	49511	No
299	GOM_NL__2PRFIN20110818_215105_000000523105_00360_49512_5022.N1	18-AUG-2011 21:51:05	Dark	51.500	157	The1Eri	2.9060	9300.0	103	49512	No
300	GOM_NL__2PRFIN20110818_215444_000000473105_00360_49512_5023.N1	18-AUG-2011 21:54:44	Dark	47.000	9	Alp Eri	0.45300	24000.	94	49512	No
301	GOM_NL__2PRFIN20110818_220034_000000603105_00360_49512_5024.N1	18-AUG-2011 22:00:34	Straylight	60.000	84	Alp Phe	2.3970	4500.0	120	49512	No
302	GOM_NL__2PRFIN20110818_220258_000000573105_00360_49512_5025.N1	18-AUG-2011 22:02:58	Straylight	57.000	63	Bet Gru	2.1500	2800.0	114	49512	No
303	GOM_NL__2PRFIN20110818_220742_000000543105_00360_49512_5026.N1	18-AUG-2011 22:07:42	Twilight_stray	54.000	18	24Alp PsA	1.1660	9700.0	108	49512	No
304	GOM_NL__2PRFIN20110818_221306_000000413105_00360_49512_5027.N1	18-AUG-2011 22:13:06	Bright	40.500	142	49Del Cap	2.8500	8900.0	81	49512	No
305	GOM_NL__2PRFIN20110818_221626_000000423105_00360_49512_5028.N1	18-AUG-2011 22:16:26	Bright	41.500	154	22Bet Aqr	2.8990	5700.0	83	49512	No
306	GOM_NL__2PRFIN20110818_221818_000000453105_00360_49512_5029.N1	18-AUG-2011 22:18:18	Bright	45.000	162	34Alp Aqr	2.9440	5350.0	90	49512	No
307	GOM_NL__2PRFIN20110818_222125_000000423105_00360_49512_5030.N1	18-AUG-2011 22:21:25	Bright	42.000	61	8Eps Peg	2.1000	3900.0	84	49512	No
308	GOM_NL__2PRFIN20110818_222758_000000393105_00360_49512_5031.N1	18-AUG-2011 22:27:58	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	49512	No
309	GOM_NL__2PRFIN20110818_222938_000000353105_00360_49512_5032.N1	18-AUG-2011 22:29:38	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	49512	No
310	GOM_NL__2PRFIN20110818_223110_000000363105_00360_49512_5033.N1	18-AUG-2011 22:31:10	Bright	36.000	19	50Alp Cyg	1.2460	10500.	72	49512	No
311	GOM_NL__2PRFIN20110818_223626_000000393105_00360_49512_5034.N1	18-AUG-2011 22:36:26	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49512	No
312	GOM_NL__2PRFIN20110818_224045_000000473105_00360_49512_5035.N1	18-AUG-2011 22:40:45	Bright	46.500	74	11Bet Cas	2.2680	6600.0	93	49512	No
313	GOM_NL__2PRFIN20110818_225605_000000513105_00360_49512_5036.N1	18-AUG-2011 22:56:05	Bright	51.000	6	13Alp Aur	0.080000	3400.0	102	49512	No
314	GOM_NL__2PRFIN20110818_225907_000000403105_00360_49512_5037.N1	18-AUG-2011 22:59:07	Bright	39.500	107	37The Aur	2.6490	11000.	79	49512	No
315	GOM_NL__2PRFIN20110818_230219_000000573105_00360_49512_5038.N1	18-AUG-2011 23:02:19	Twilight_stray	56.500	28	12Bet Tau	1.6500	15200.	113	49512	No
316	GOM_NL__2PRFIN20110818_230512_000000463105_00360_49512_5039.N1	18-AUG-2011 23:05:12	Twilight_stray	45.500	44	24Gam Gem	1.9280	11000.	91	49512	No
317	GOM_NL__2PRFIN20110818_230851_000000633105_00360_49512_5040.N1	18-AUG-2011 23:08:51	Dark	63.000	14	58Alp Ori	0.87000	3000.0	126	49512	No
318	GOM_NL__2PRFIN20110818_231212_000000523105_00360_49512_5041.N1	18-AUG-2011 23:12:12	Dark	51.500	30	46Eps Ori	1.6940	30000.	103	49512	No
319	GOM_NL__2PRFIN20110818_231339_000000483105_00360_49512_5042.N1	18-AUG-2011 23:13:39	Dark	48.000	125	44lot Ori	2.7700	30000.	96	49512	No
320	GOM_NL__2PRFIN20110818_231522_000000603105_00360_49512_5043.N1	18-AUG-2011 23:15:22	Dark	59.500	7	19Bet Ori	0.10000	14000.	119	49512	No
321	GOM_NL__2PRFIN20110818_231707_000000473105_00360_49512_5044.N1	18-AUG-2011 23:17:07	Dark	47.000	101	11Alp Lep	2.5820	7000.0	94	49512	No
322	GOM_NL__2PRFIN20110818_233120_000000523105_00361_49513_5022.N1	18-AUG-2011 23:31:20	Dark	52.000	157	The1Eri	2.9060	9300.0	104	49513	No
323	GOM_NL__2PRFIN20110818_233459_000000433105_00361_49513_5023.N1	18-AUG-2011 23:34:59	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49513	No
324	GOM_NL__2PRFIN20110818_234048_000000603105_00361_49513_5024.N1	18-AUG-2011 23:40:48	Straylight	59.500	84	Alp Phe	2.3970	4500.0	119	49513	No
325	GOM_NL__2PRFIN20110818_234312_000000573105_00361_49513_5025.N1	18-AUG-2011 23:43:12	Straylight	56.500	63	Bet Gru	2.1500	2800.0	113	49513	No
326	GOM_NL__2PRFIN20110818_234756_000000553105_00361_49513_5026.N1	18-AUG-2011 23:47:56	Twilight_stray	54.500	18	24Alp PsA	1.1660	9700.0	109	49513	No
327	GOM_NL__2PRFIN20110818_235320_000000433105_00361_49513_5027.N1	18-AUG-2011 23:53:20	Bright	42.500	142	49Del Cap	2.8500	8900.0	85	49513	No
328	GOM_NL__2PRFIN20110818_235640_000000413105_00361_49513_5028.N1	18-AUG-2011 23:56:40	Bright	40.500	154	22Bet Aqr	2.8990	5700.0	81	49513	No
329	GOM_NL__2PRFIN20110818_235832_000000453105_00361_49513_5029.N1	18-AUG-2011 23:58:32	Bright	44.500	162	34Alp Aqr	2.9440	5350.0	89	49513	No

3. Quality information per product

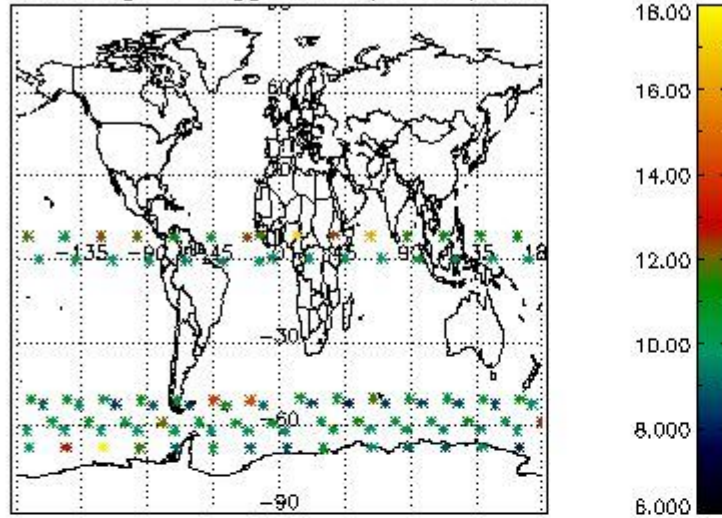
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

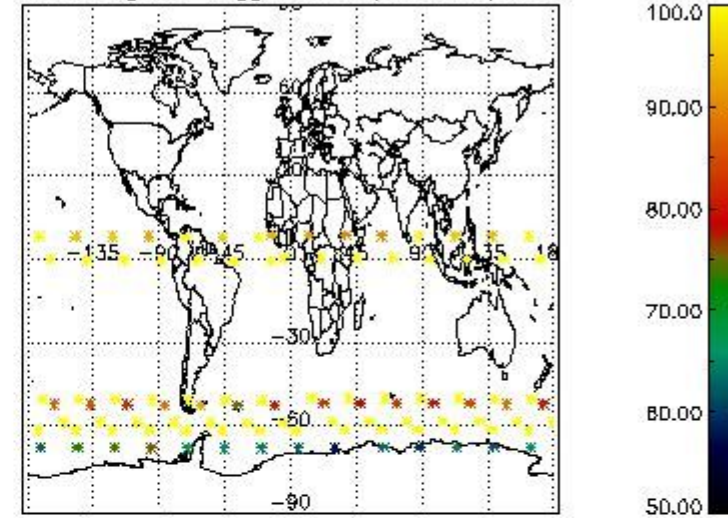


3.2 Plot quality information per product (world map)

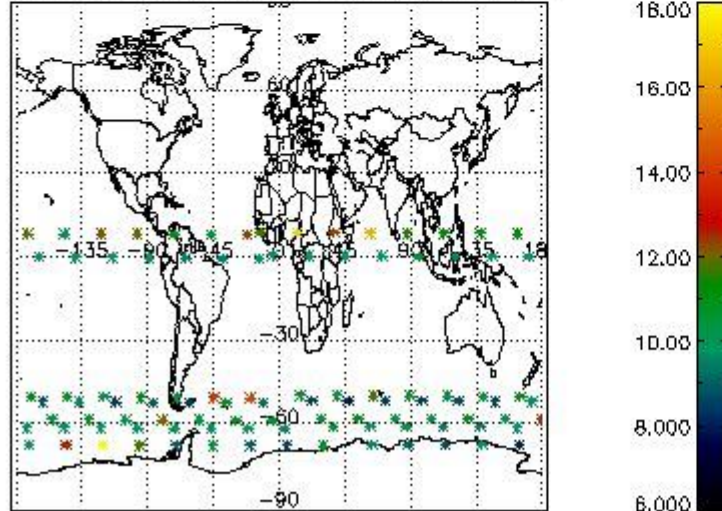
Percentage of flagged data per O3 profile



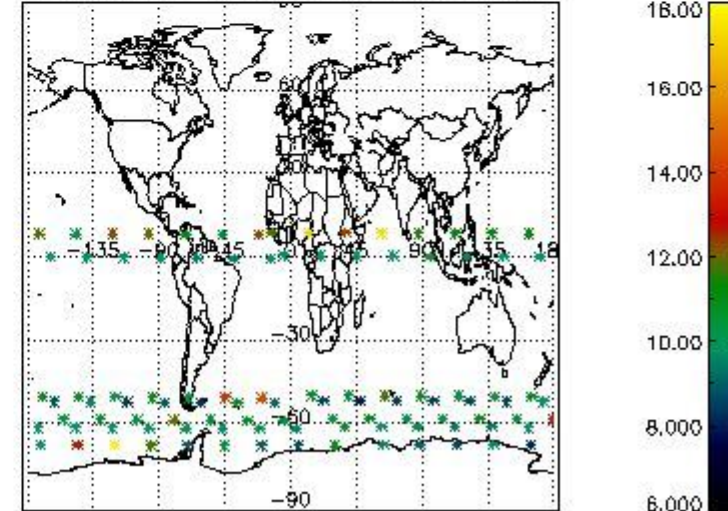
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

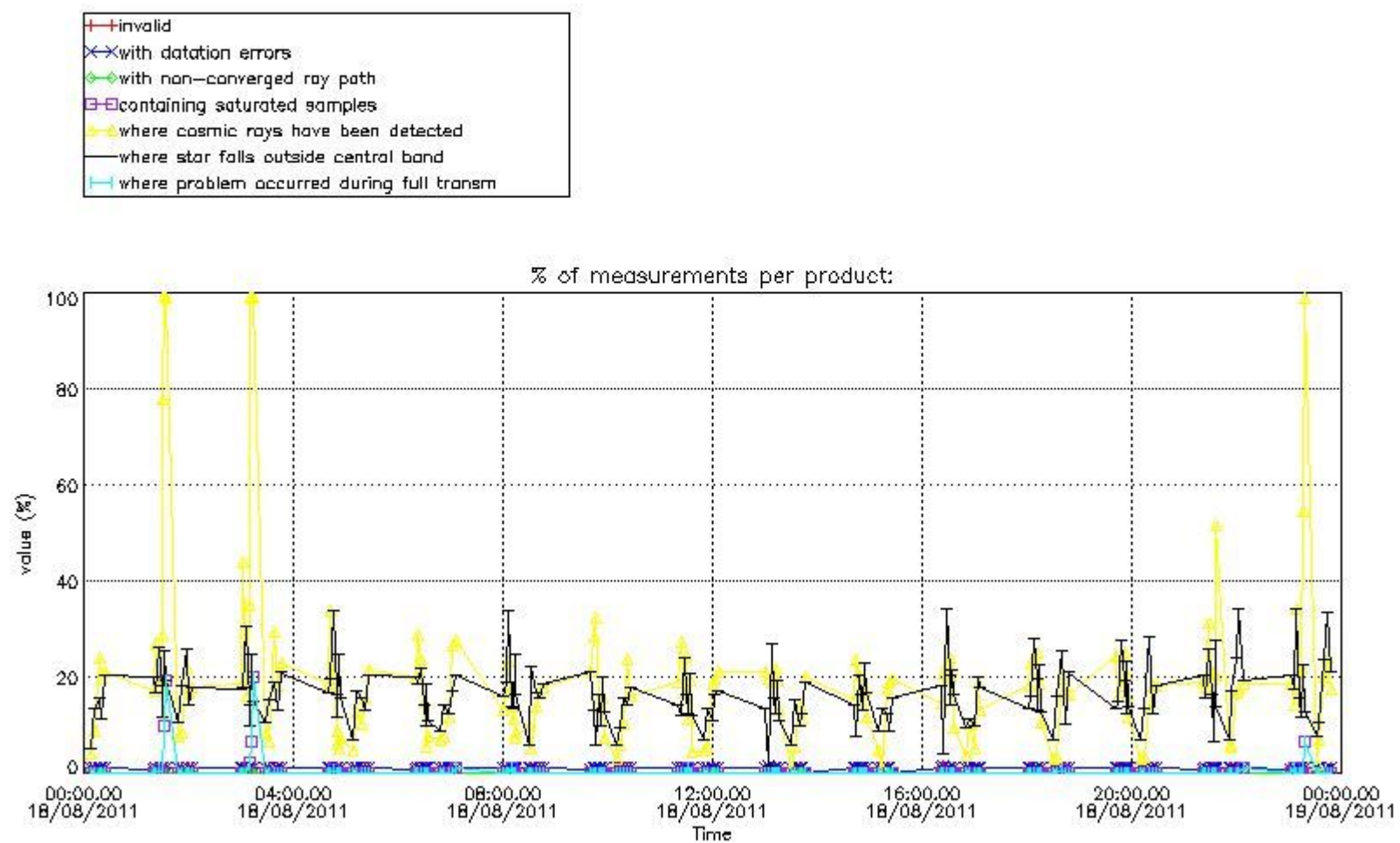


4. Level 1 quality information per product

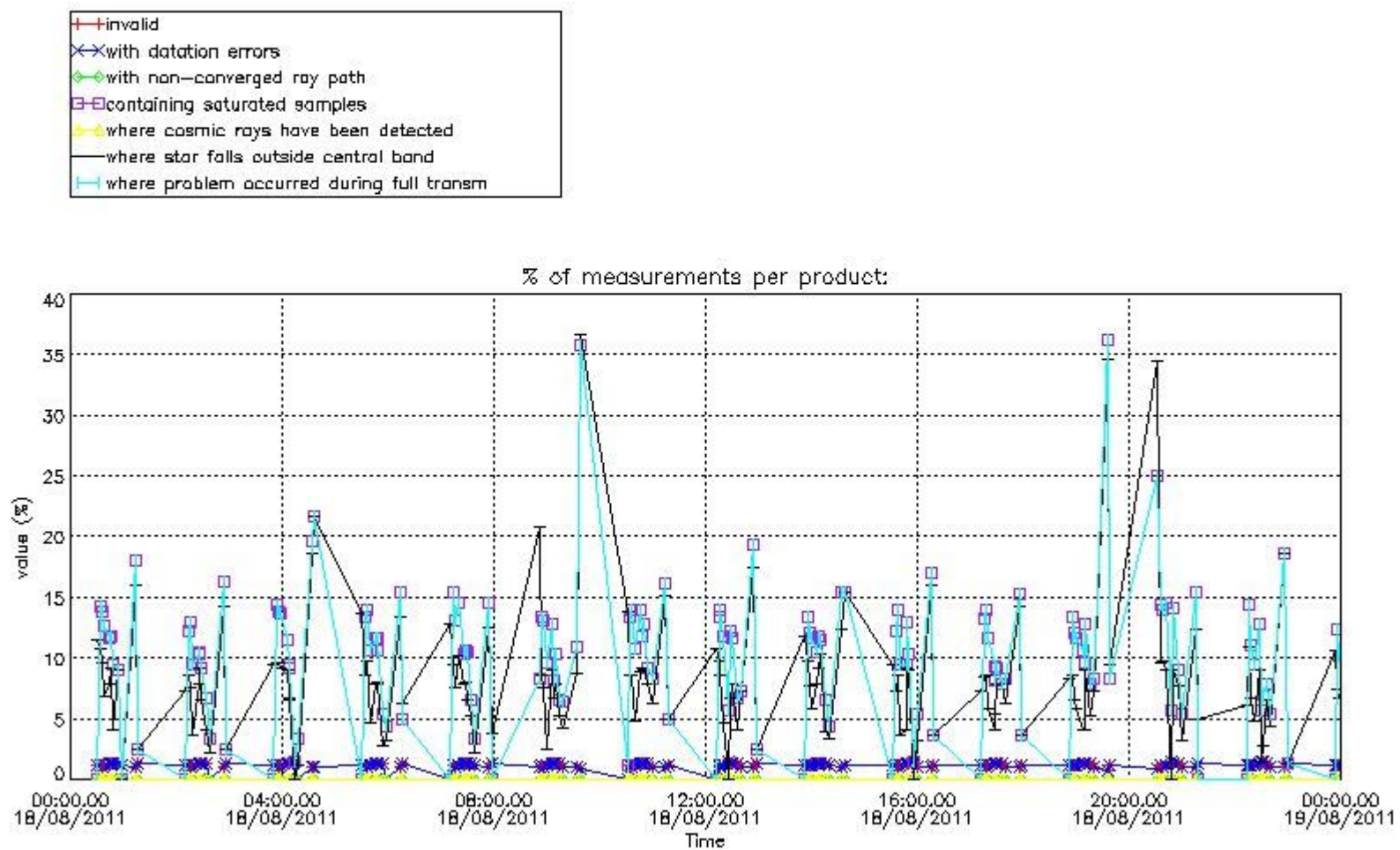
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



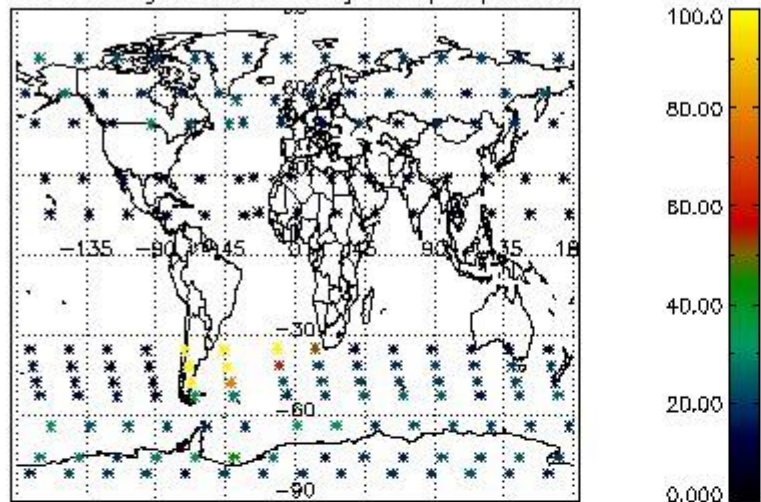
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



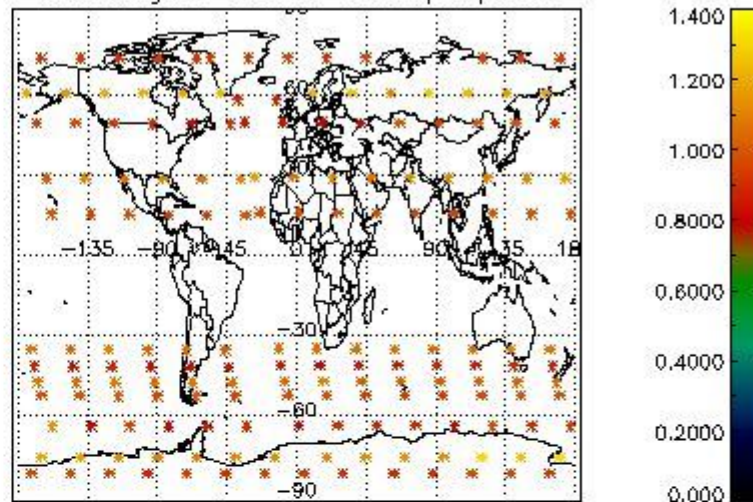
4.2 Plot quality information per product coming from level 1b processing (world map)

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

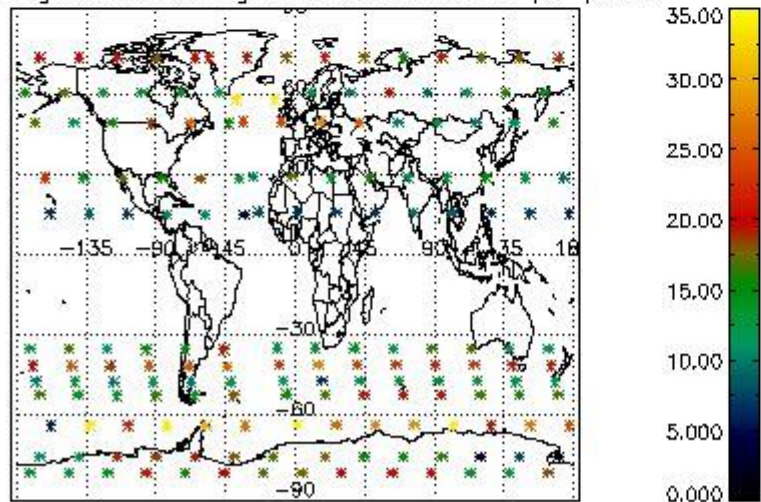
Percentage of cosmic ray hits per profile



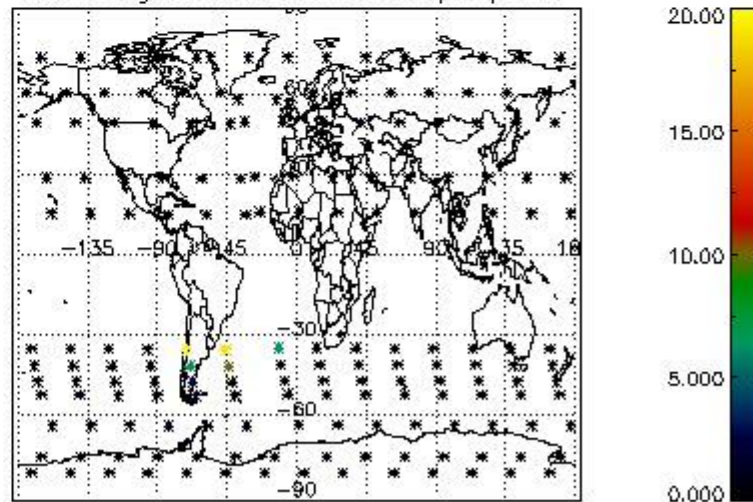
Percentage of datation errors per profile



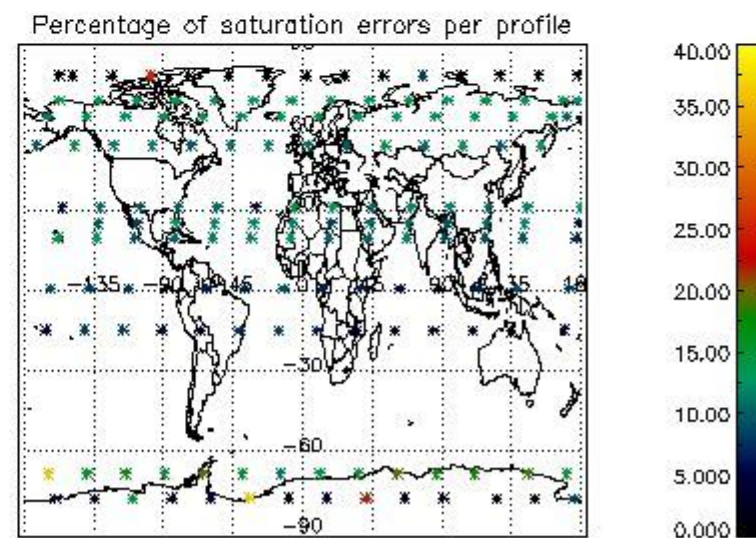
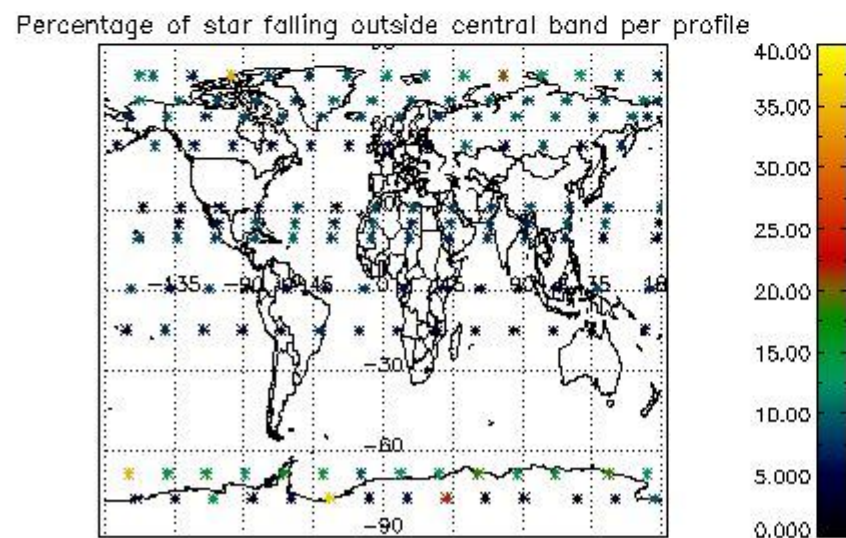
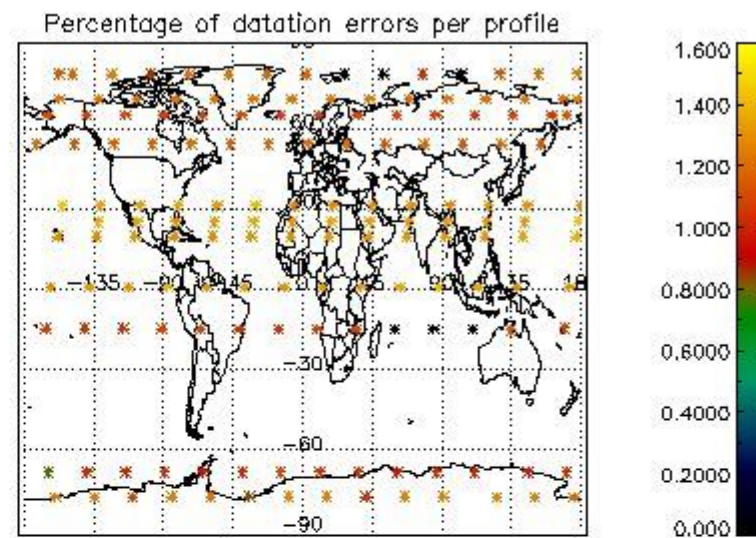
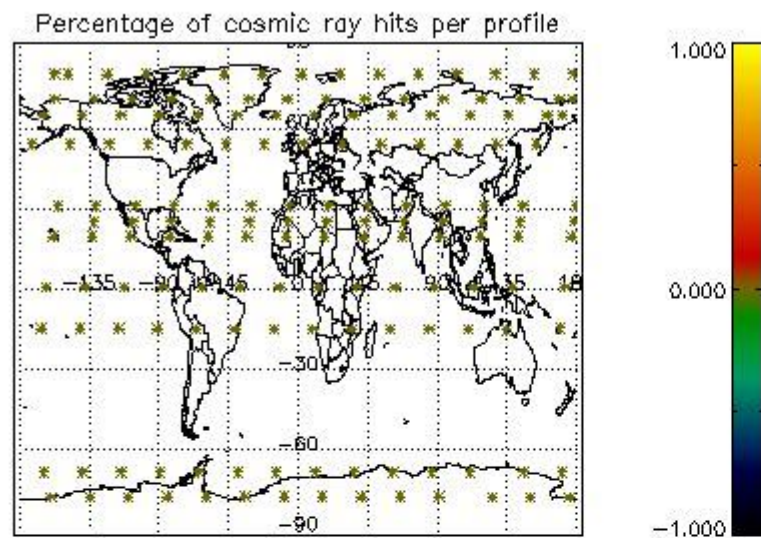
Percentage of star falling outside central band per profile



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

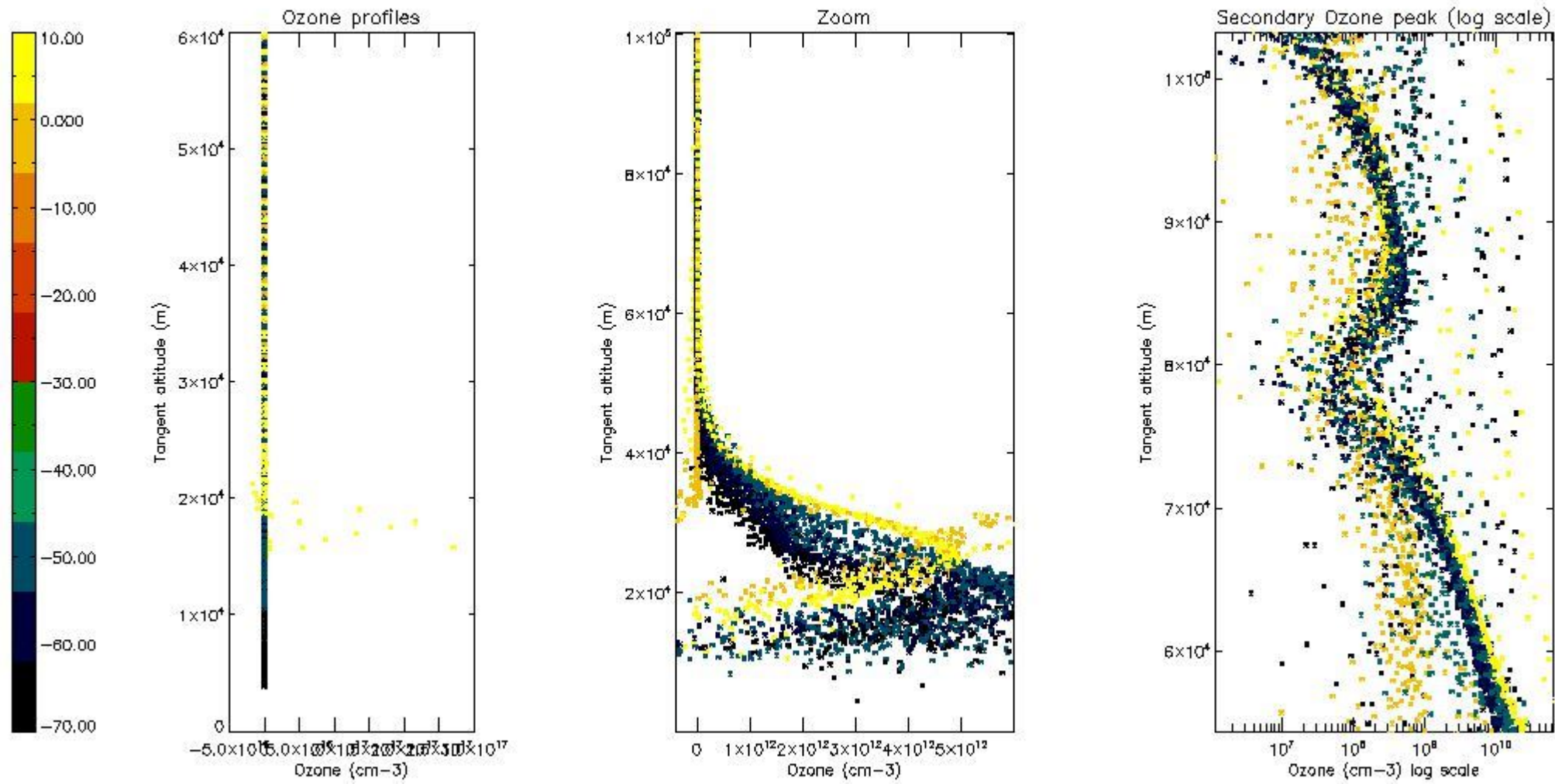
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	34
STD < 20	17

STD < 10	14
STD < 5	10

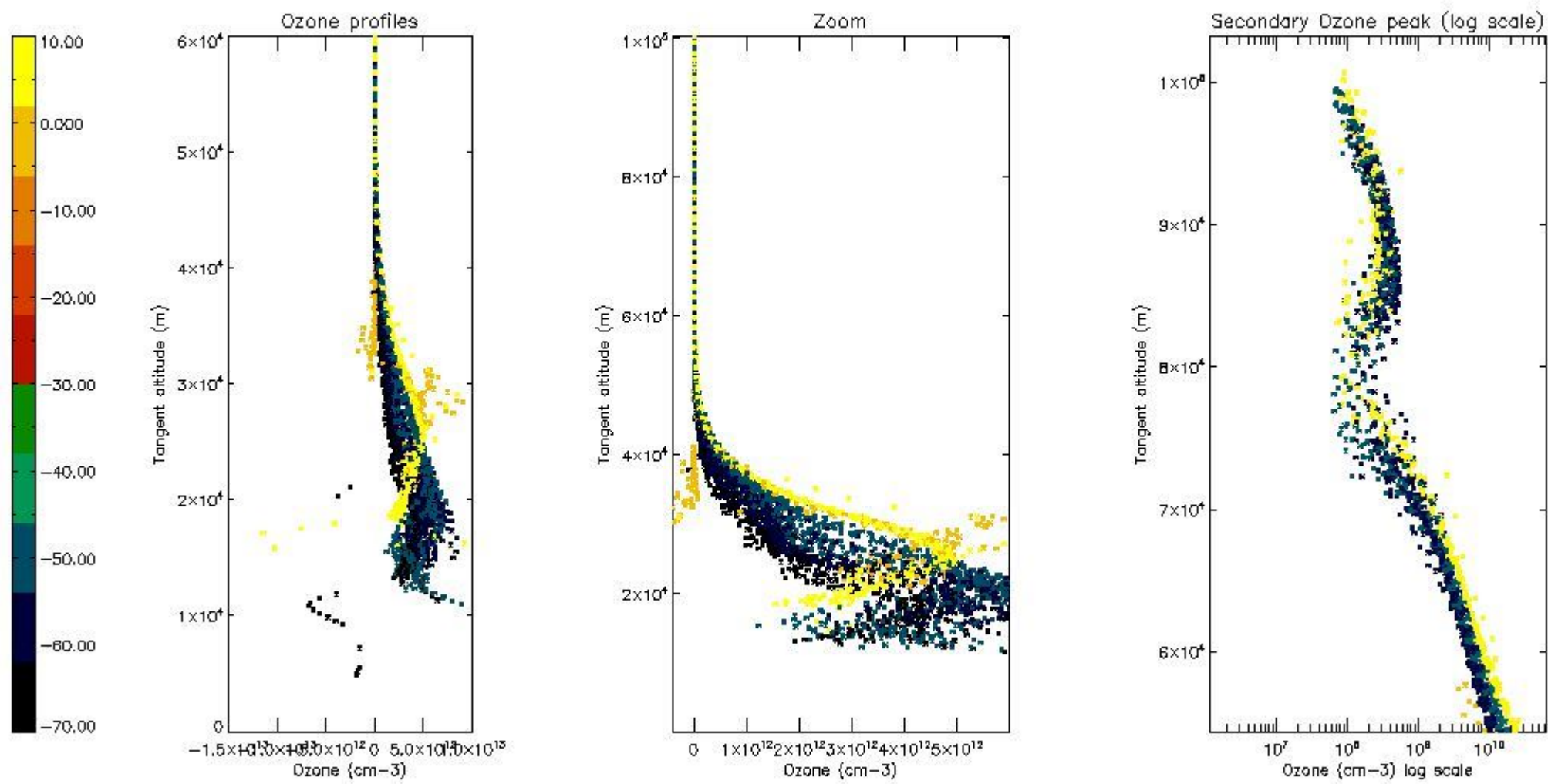
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



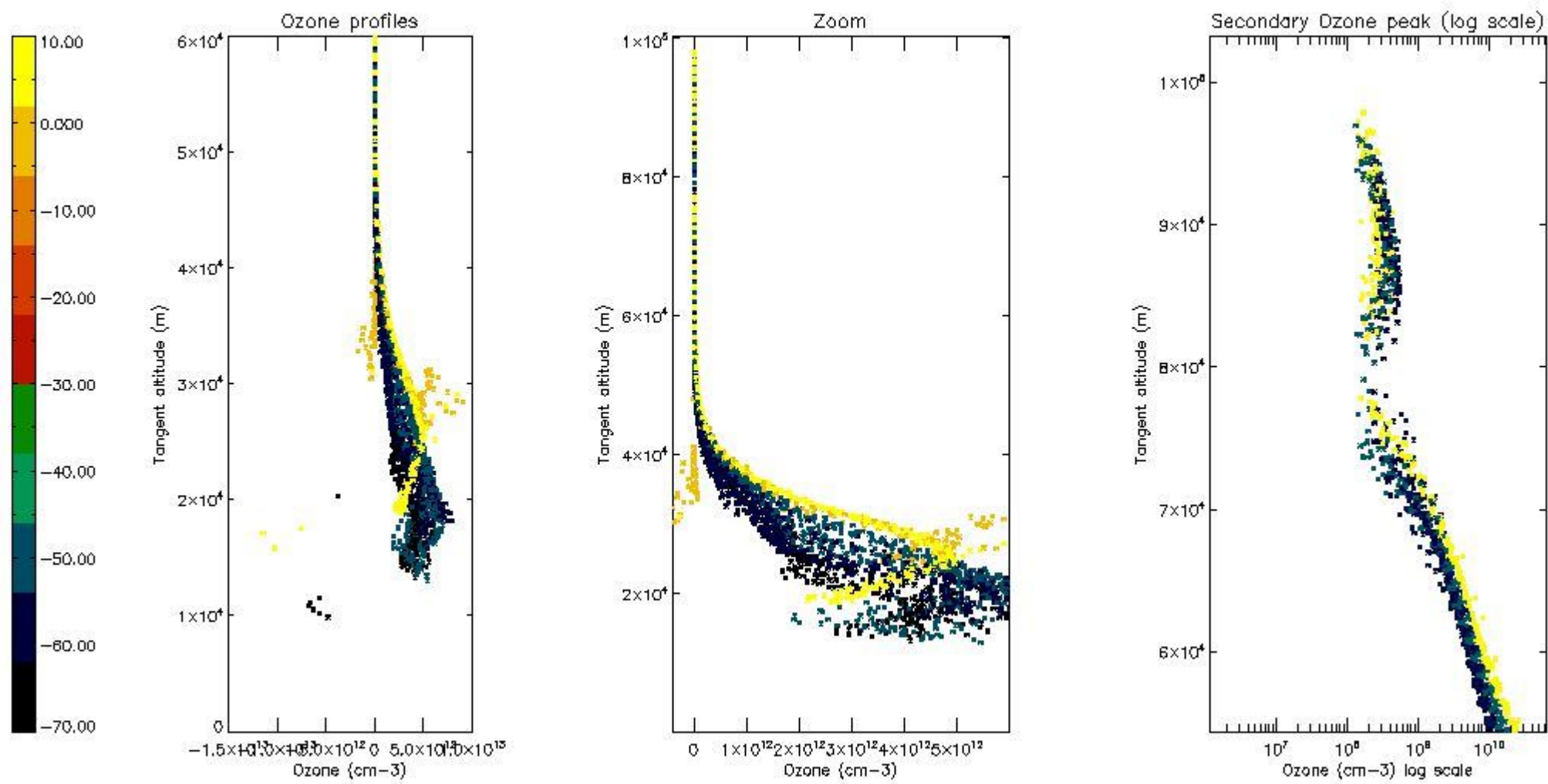
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



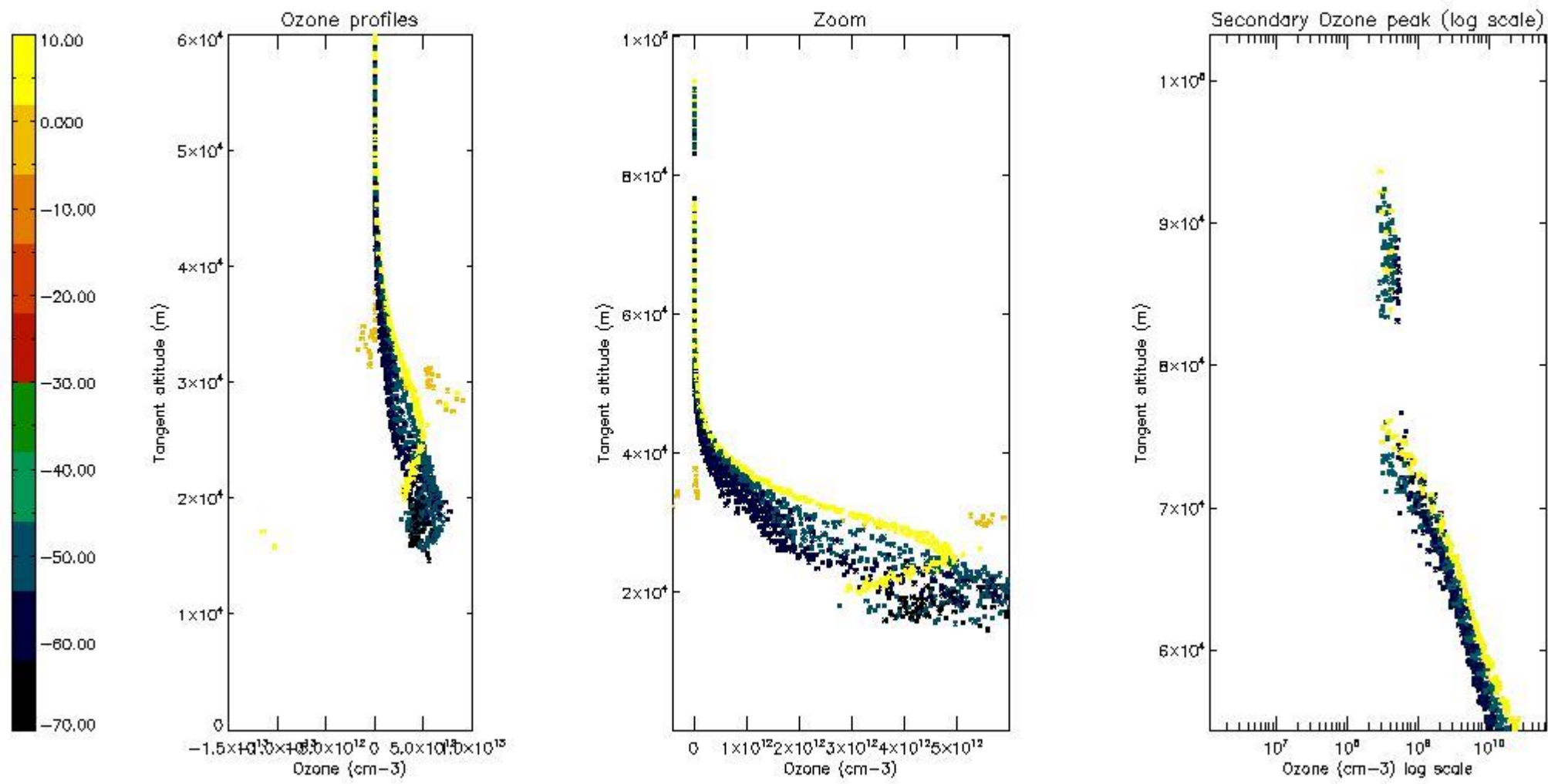
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



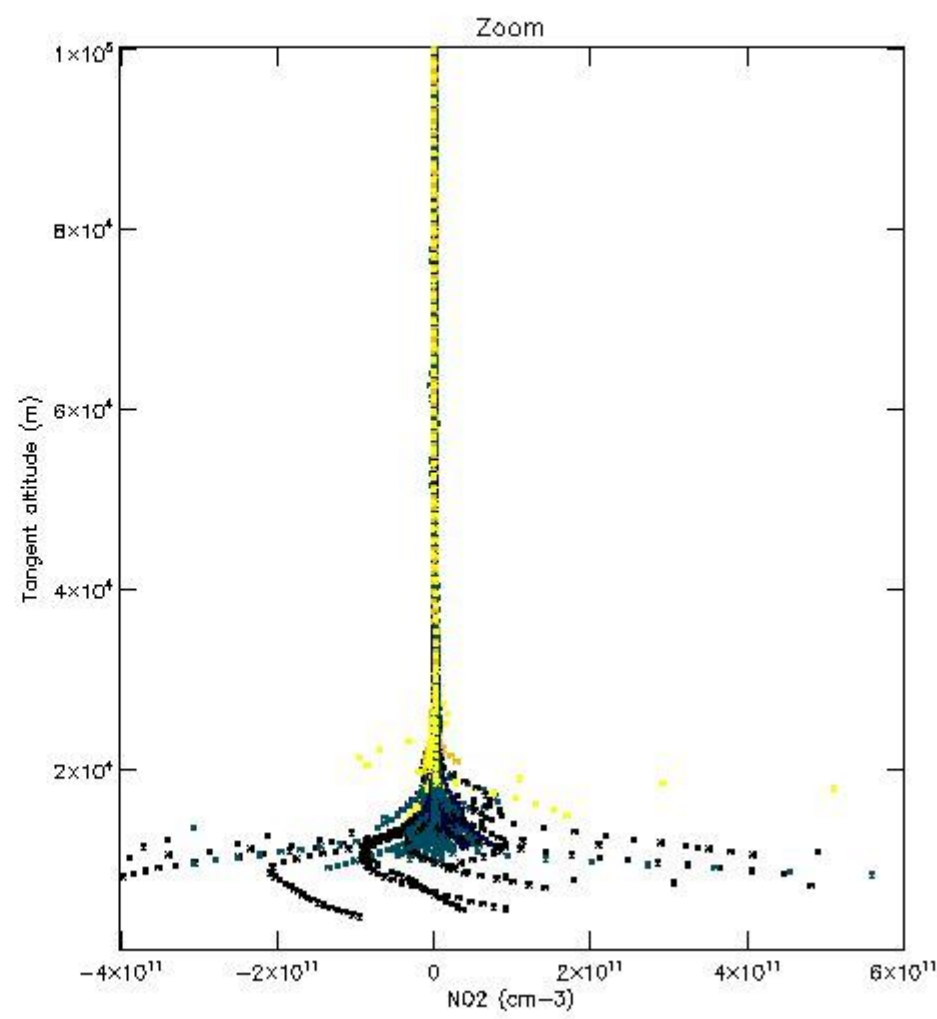
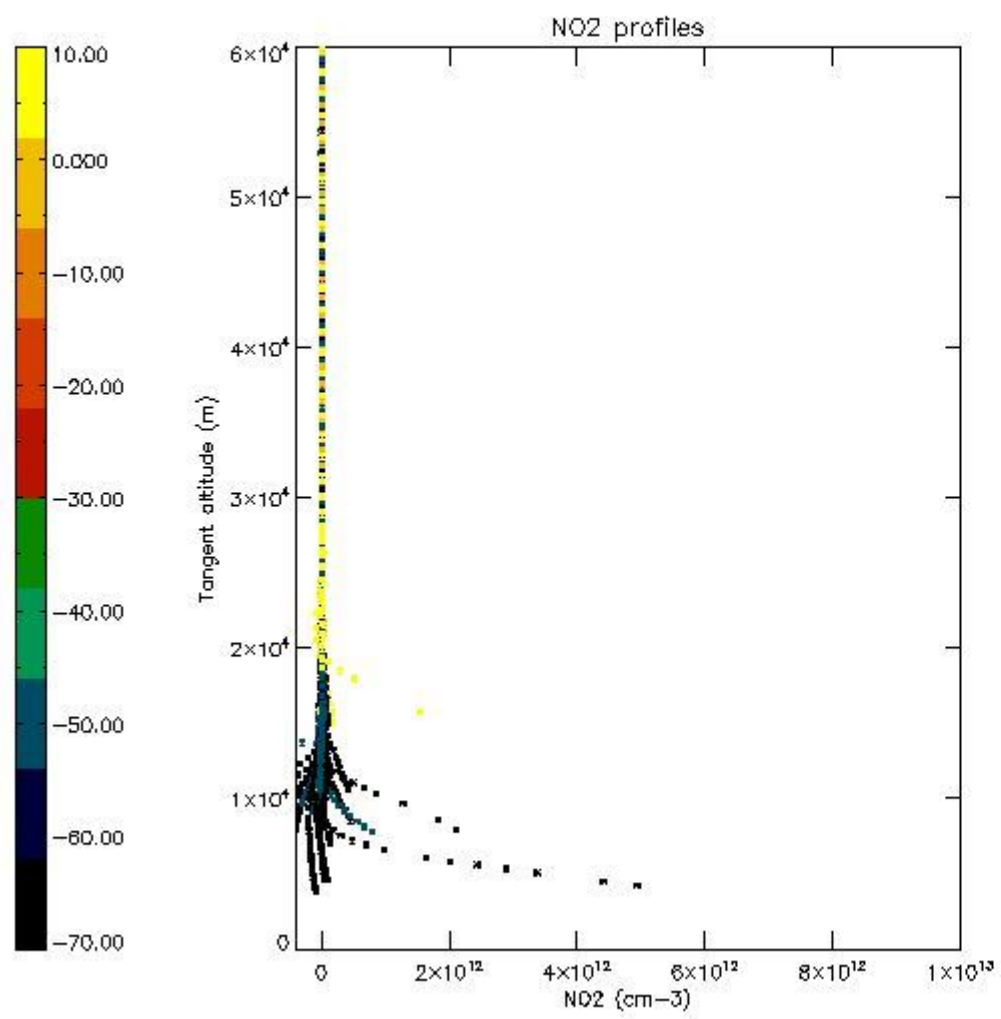
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



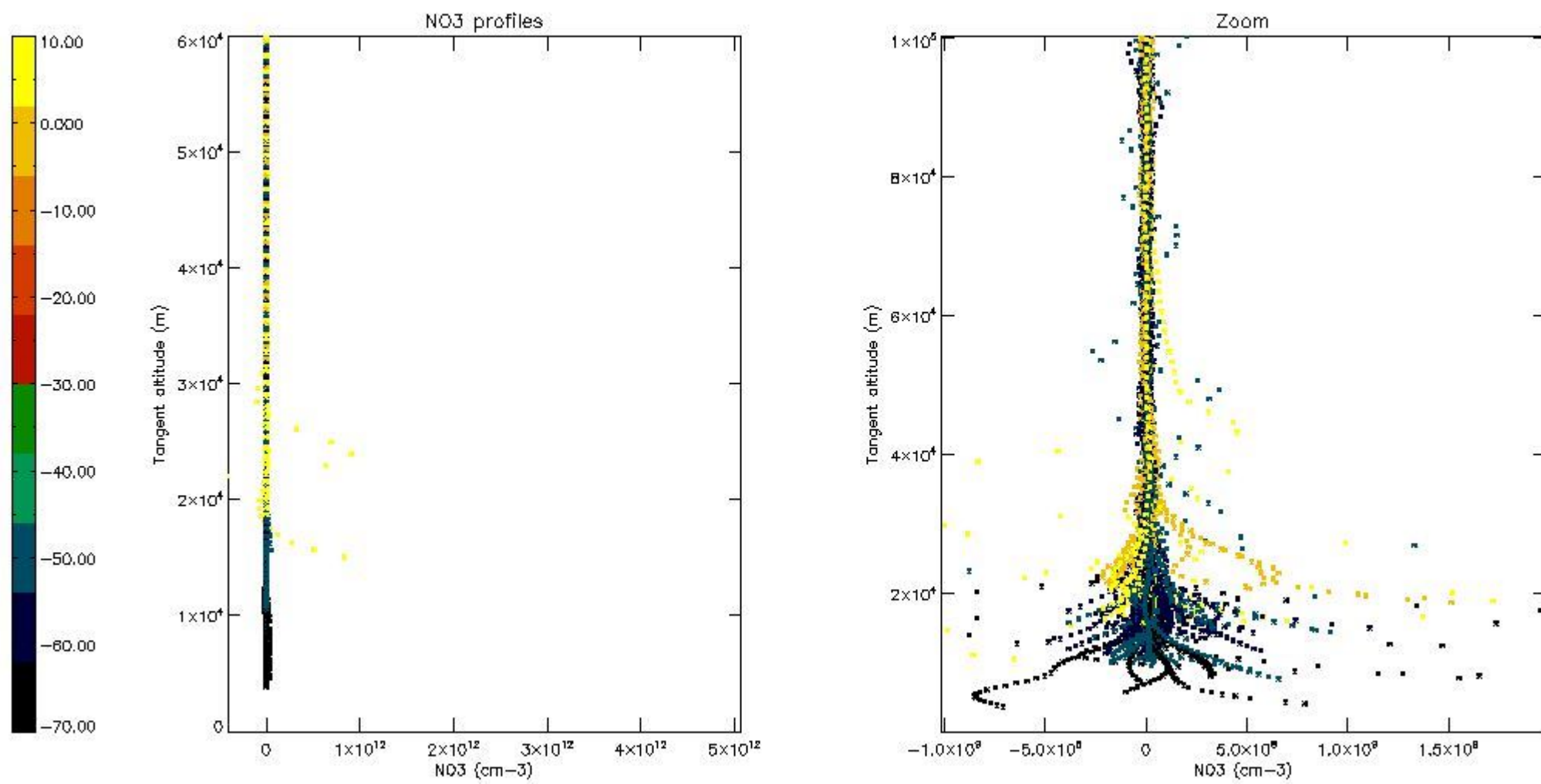
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



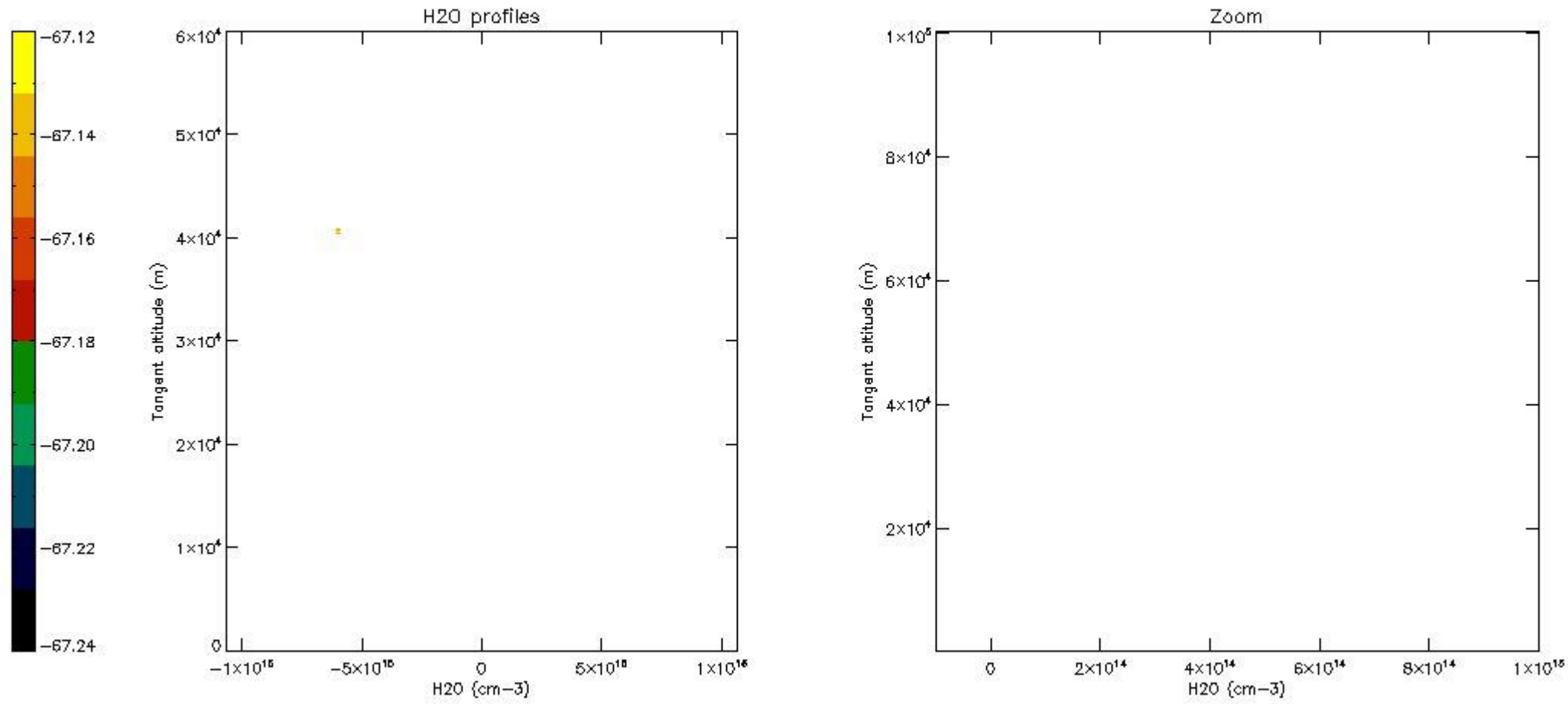
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

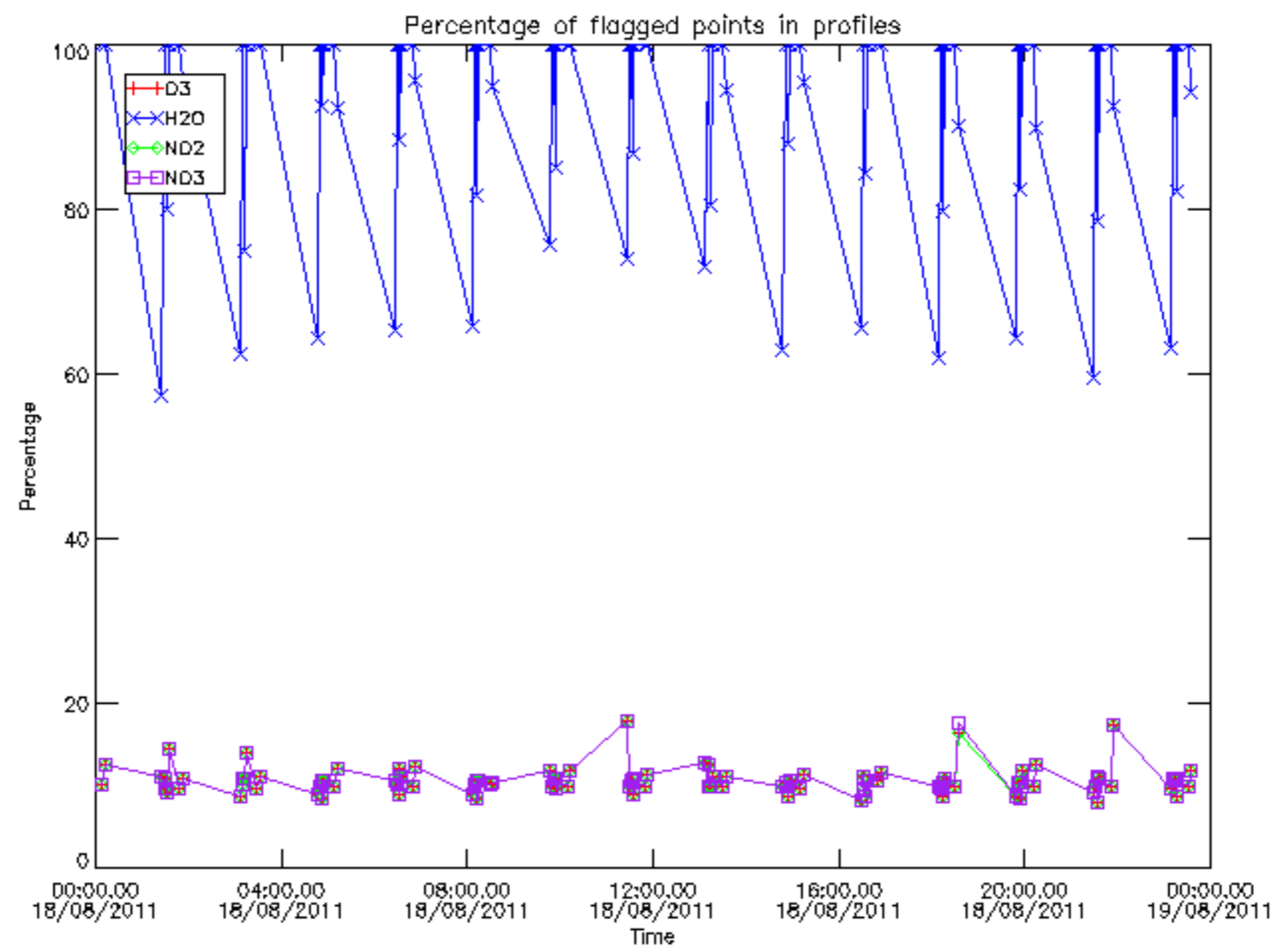
The colorbar represents the latitude.



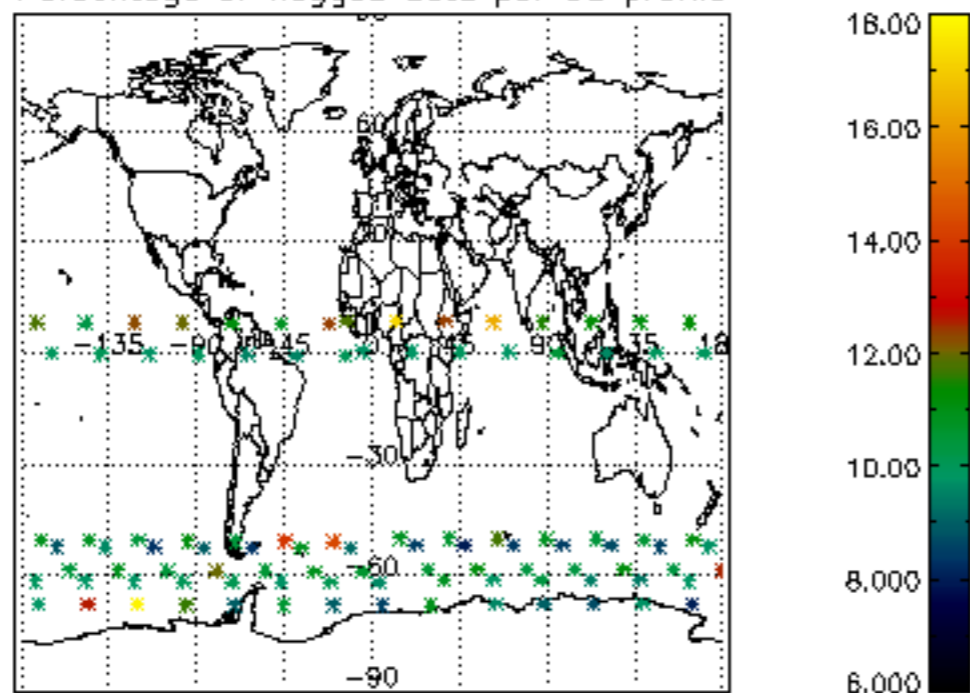
6. Auxiliary Data Files used for the production reported in section 2

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

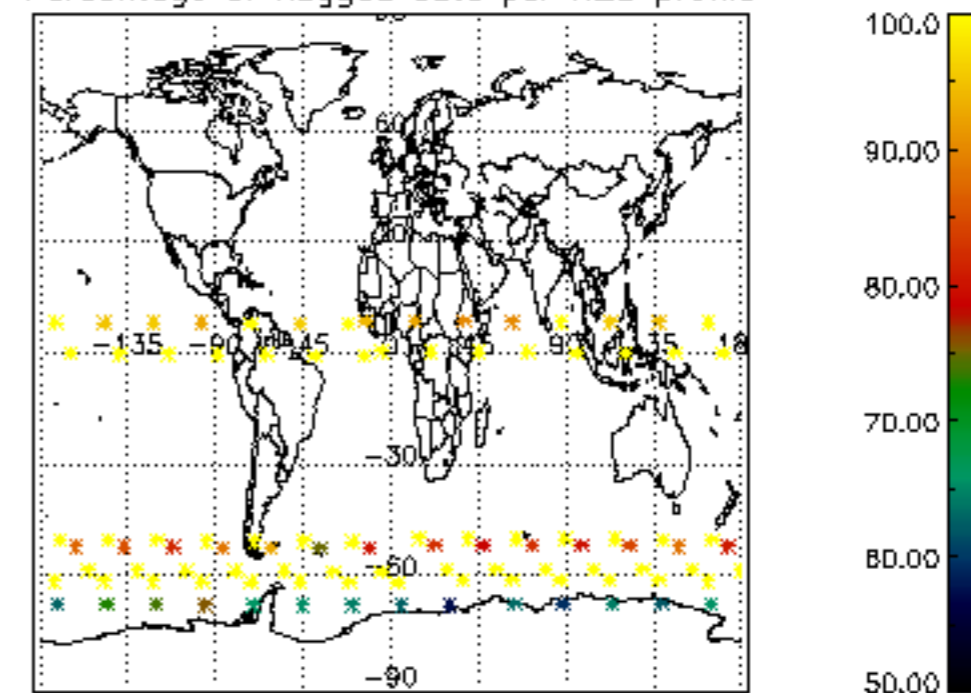
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	18-AUG-2011 00:07:48
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	18-AUG-2011 00:07:48
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	18-AUG-2011 00:07:48



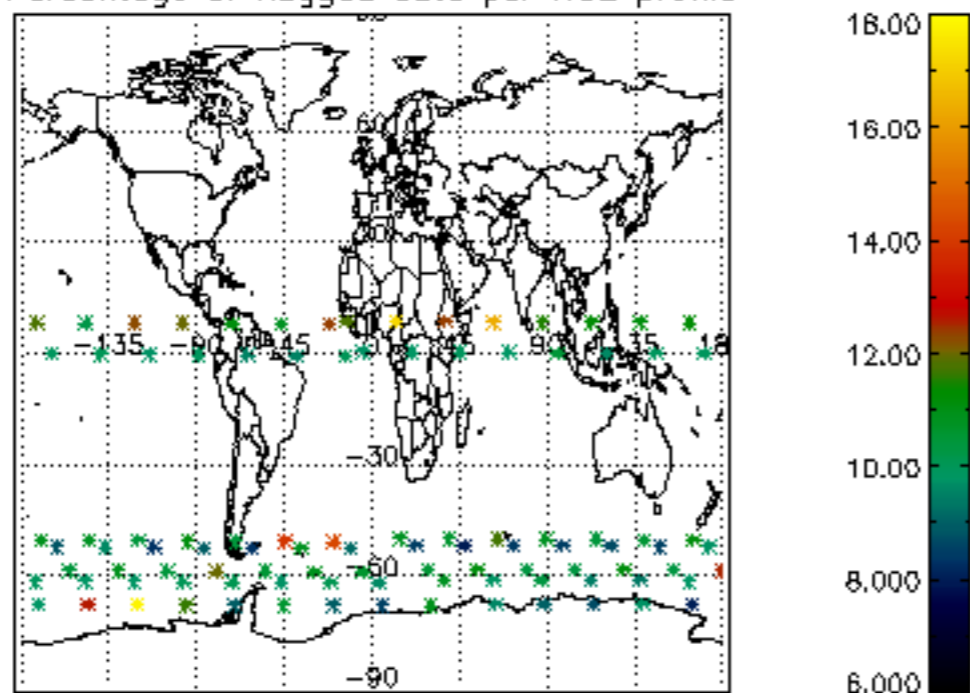
Percentage of flagged data per D3 profile



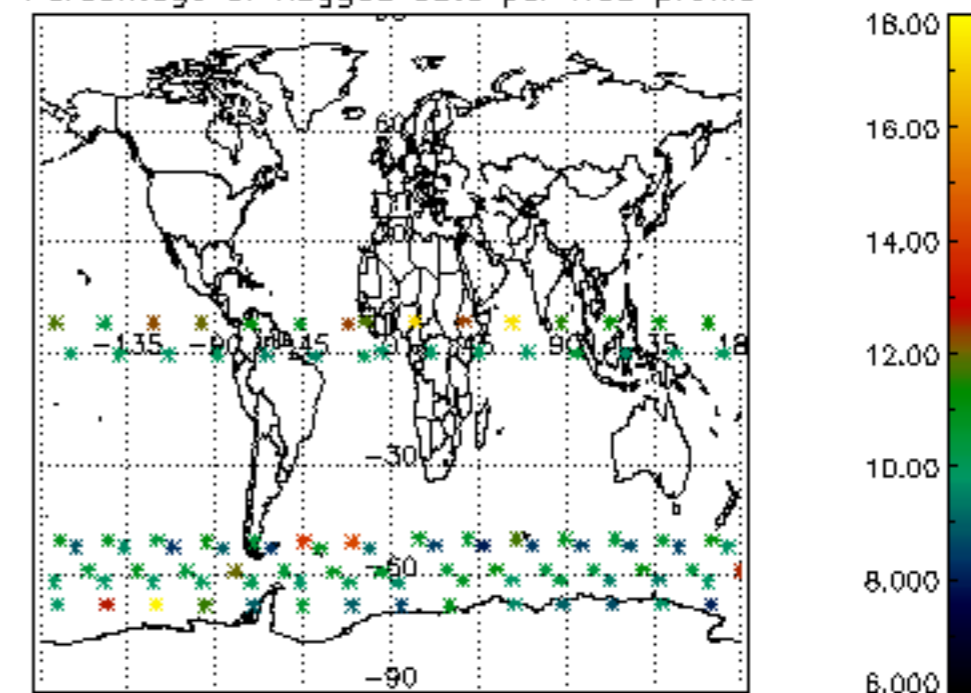
Percentage of flagged data per H2O profile

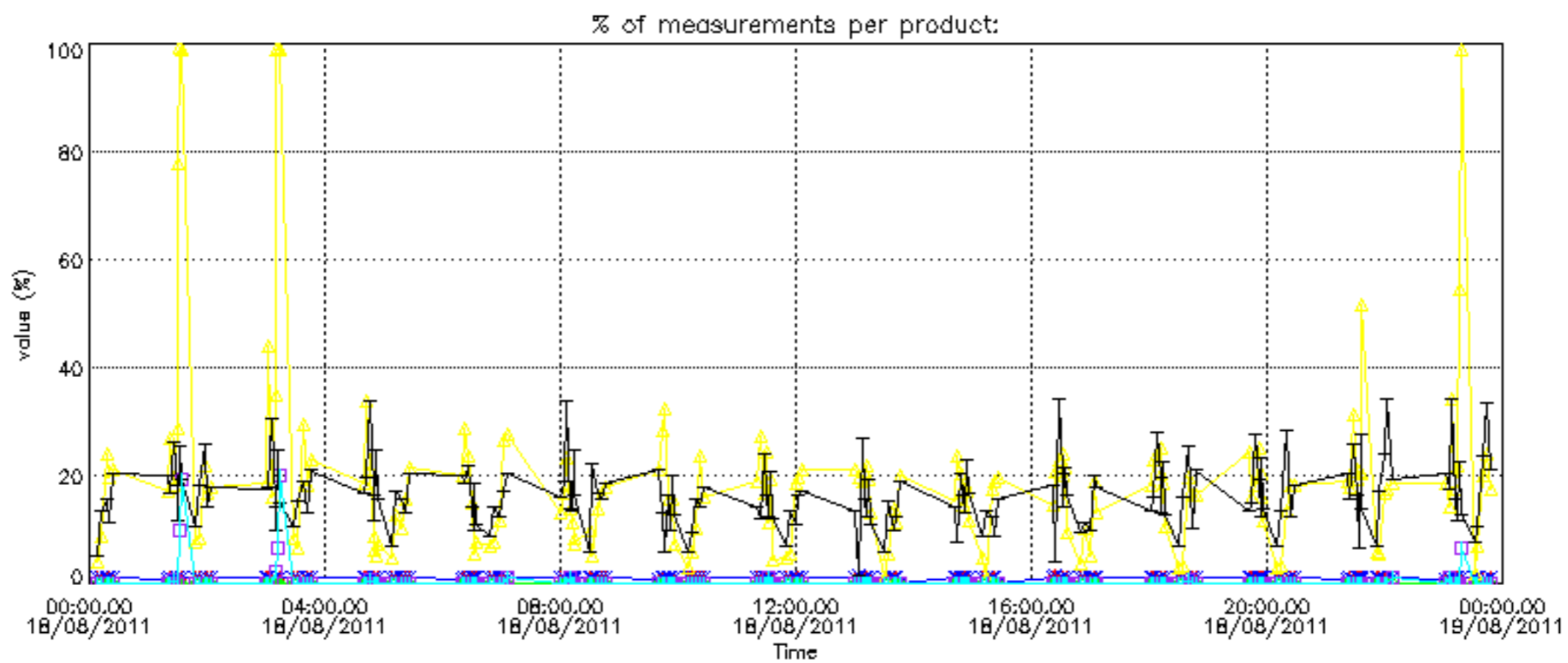


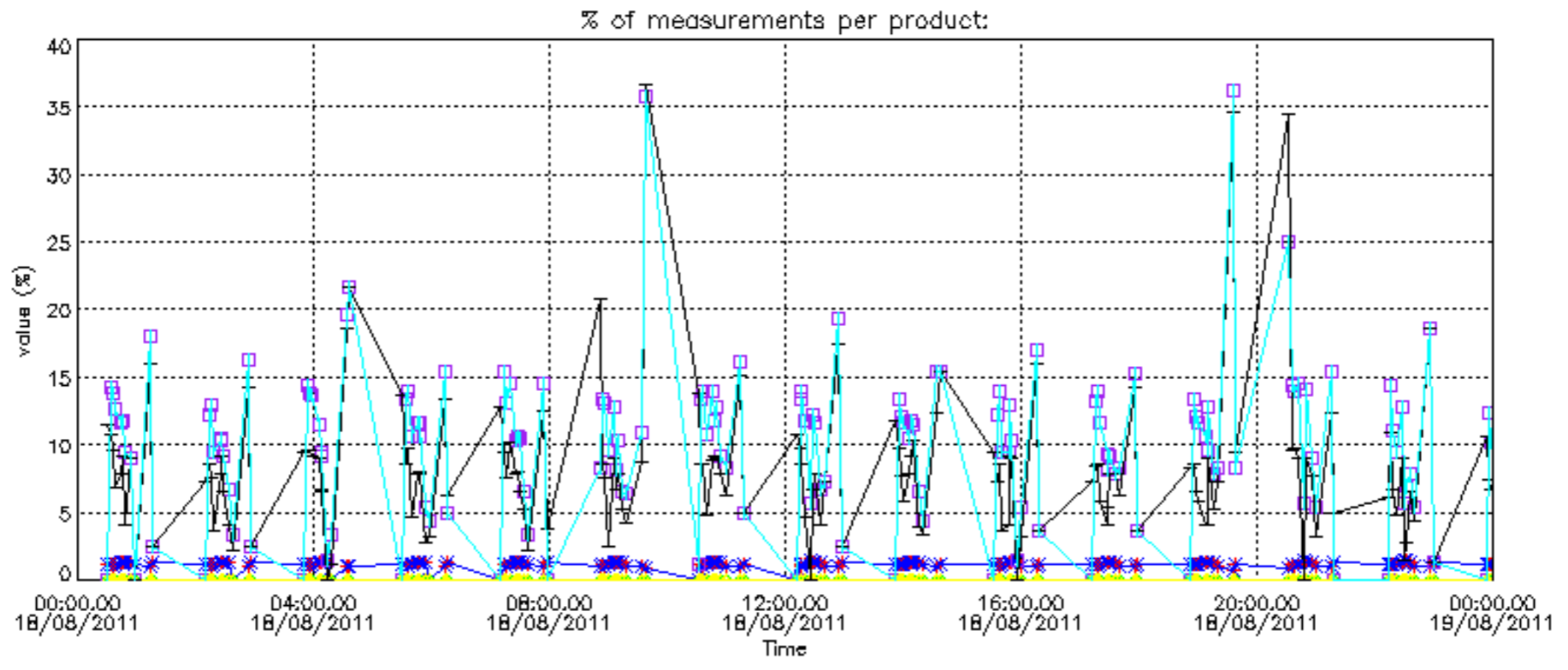
Percentage of flagged data per NO2 profile



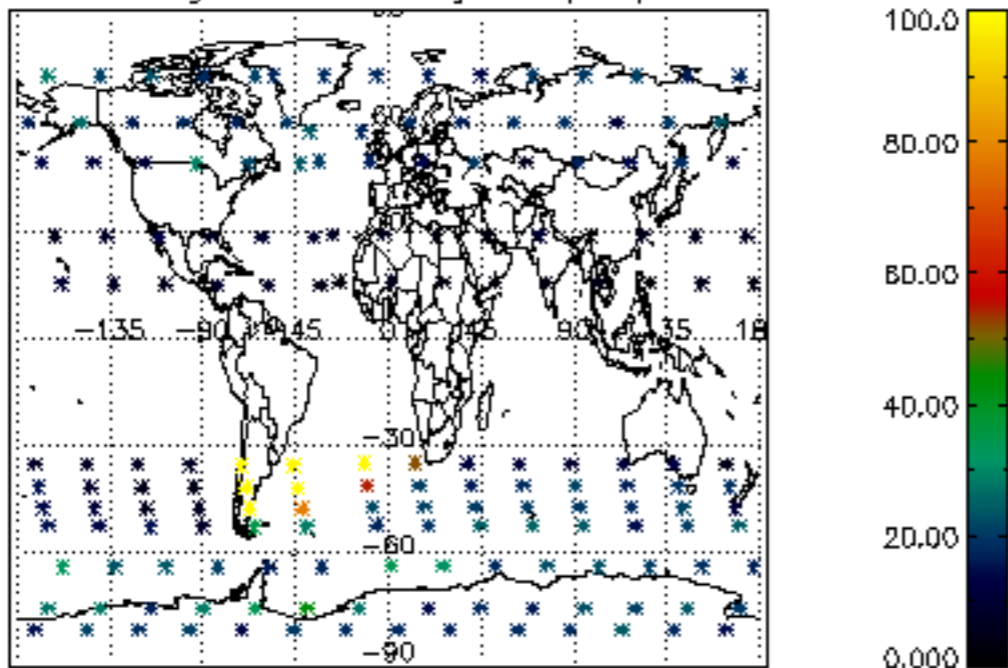
Percentage of flagged data per NO3 profile



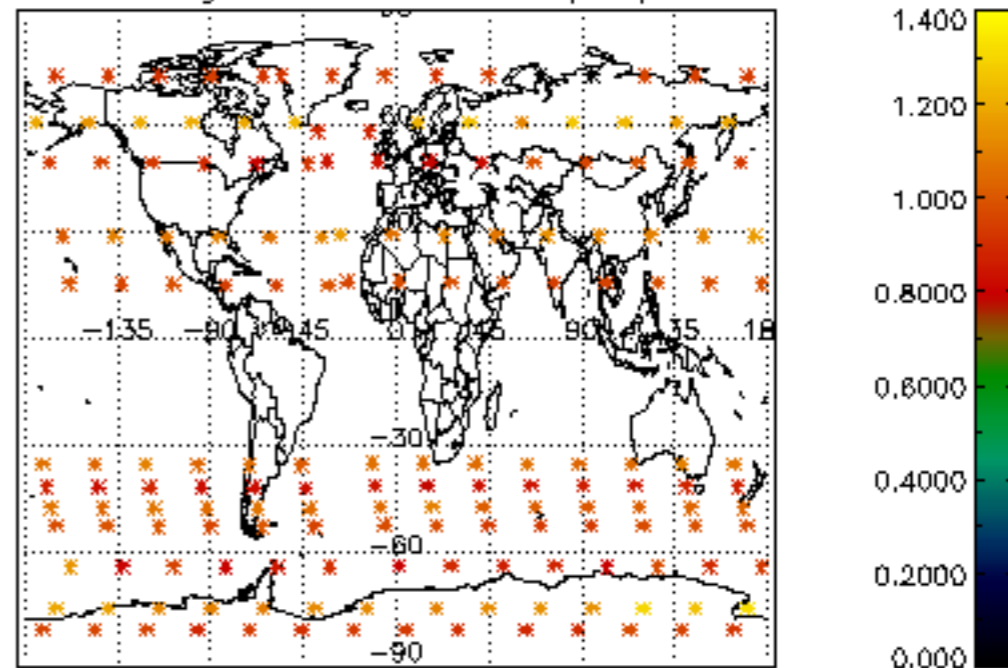




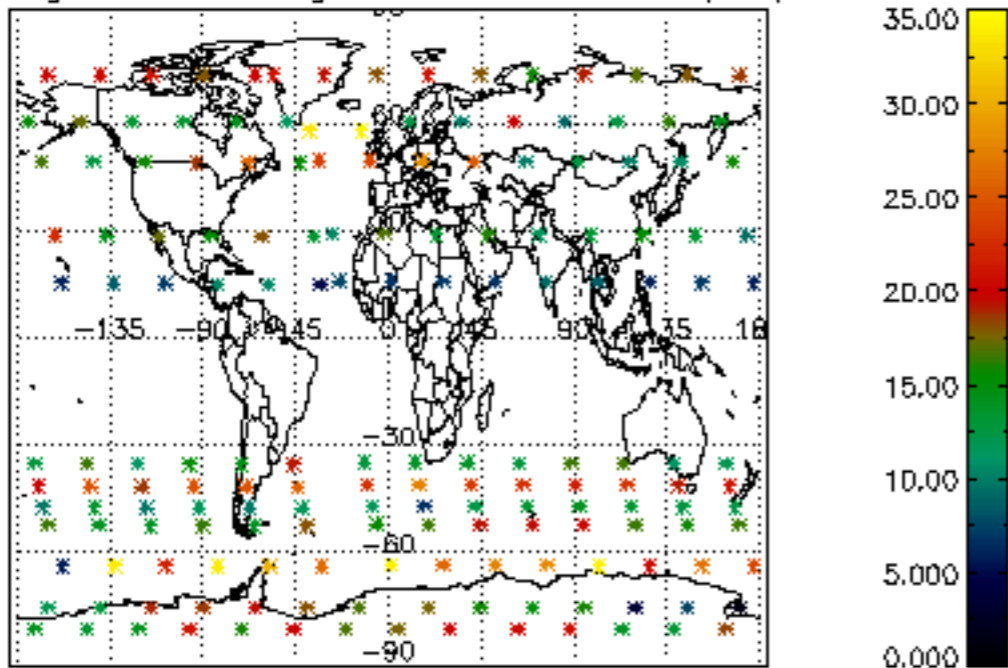
Percentage of cosmic ray hits per profile



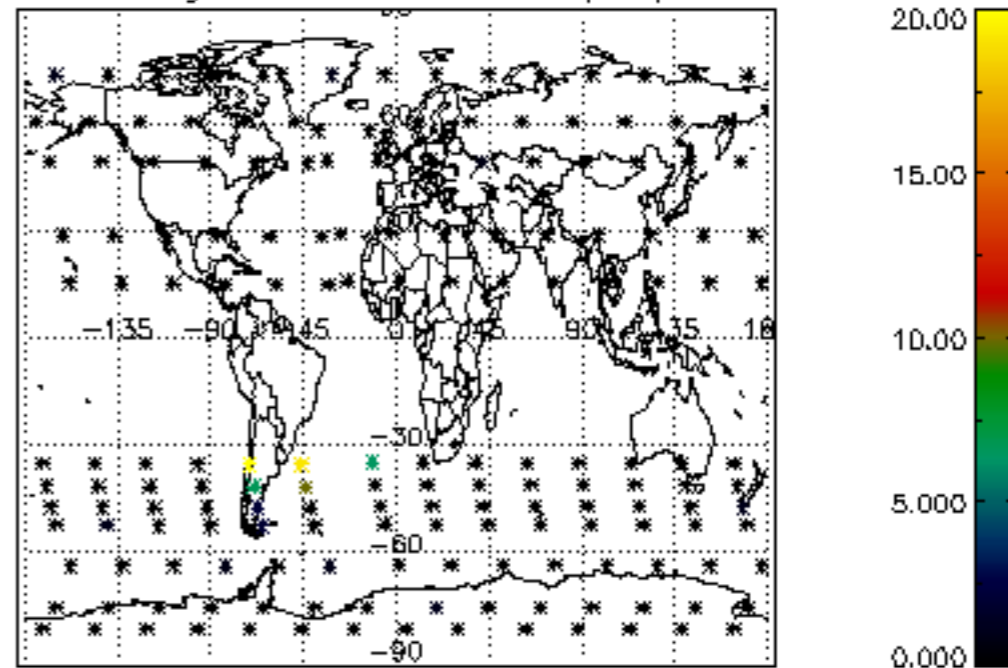
Percentage of datation errors per profile



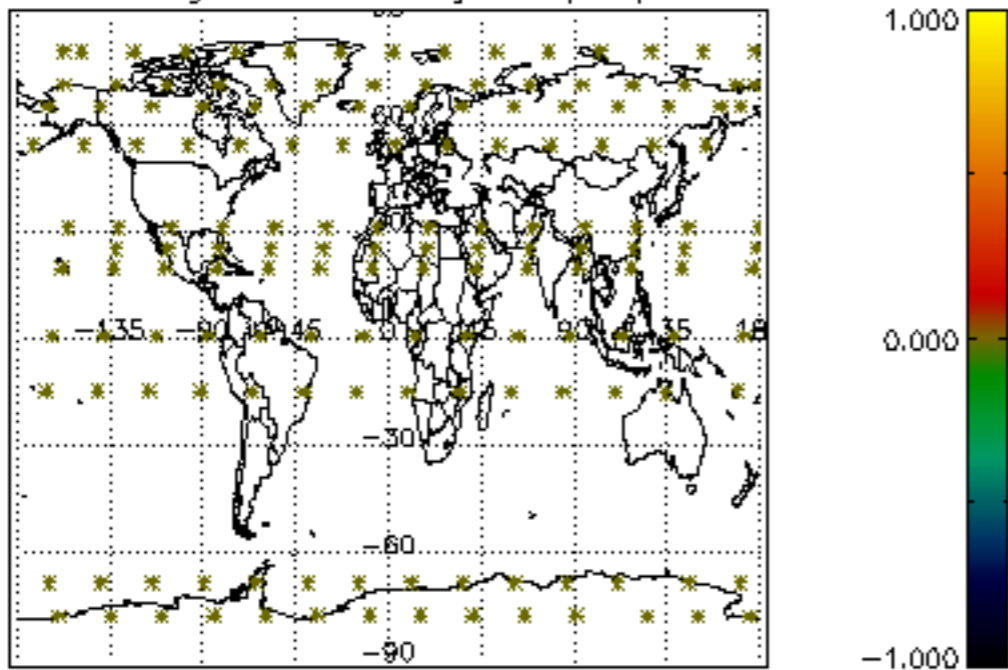
Percentage of star falling outside central band per profile



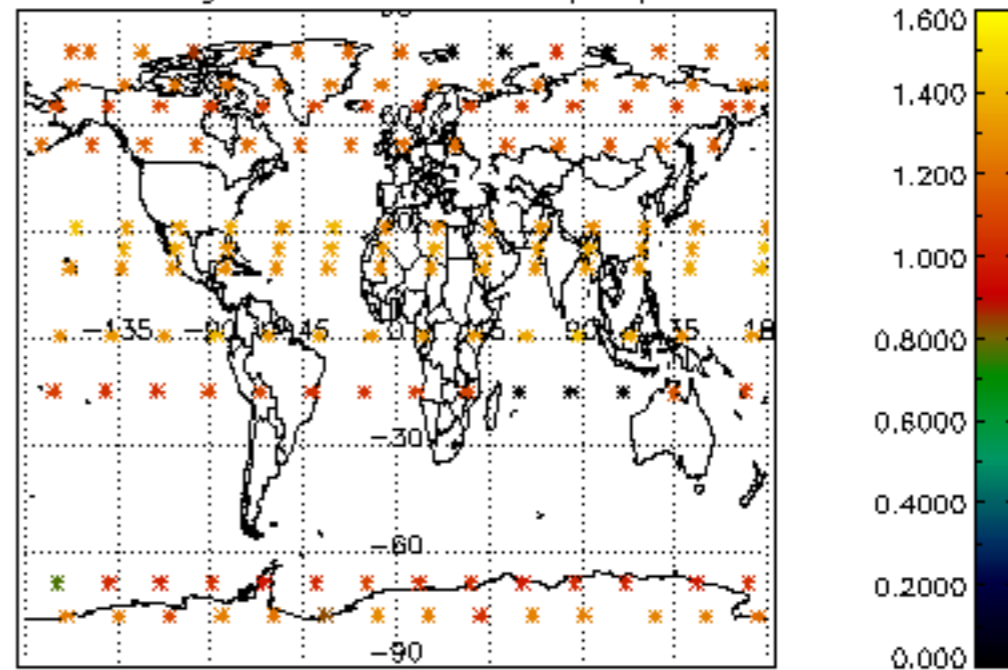
Percentage of saturation errors per profile



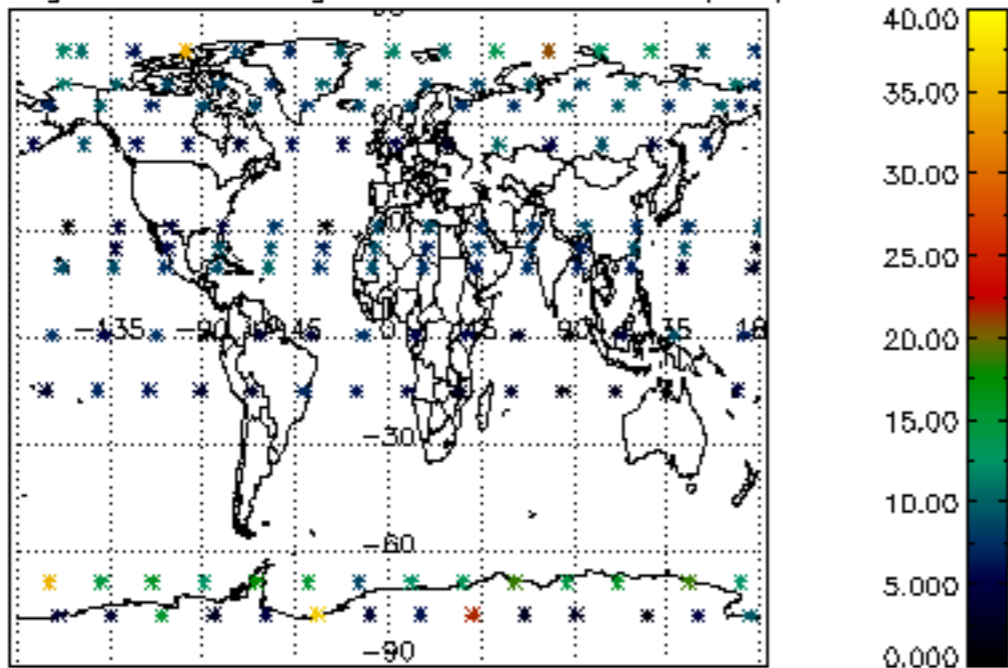
Percentage of cosmic ray hits per profile



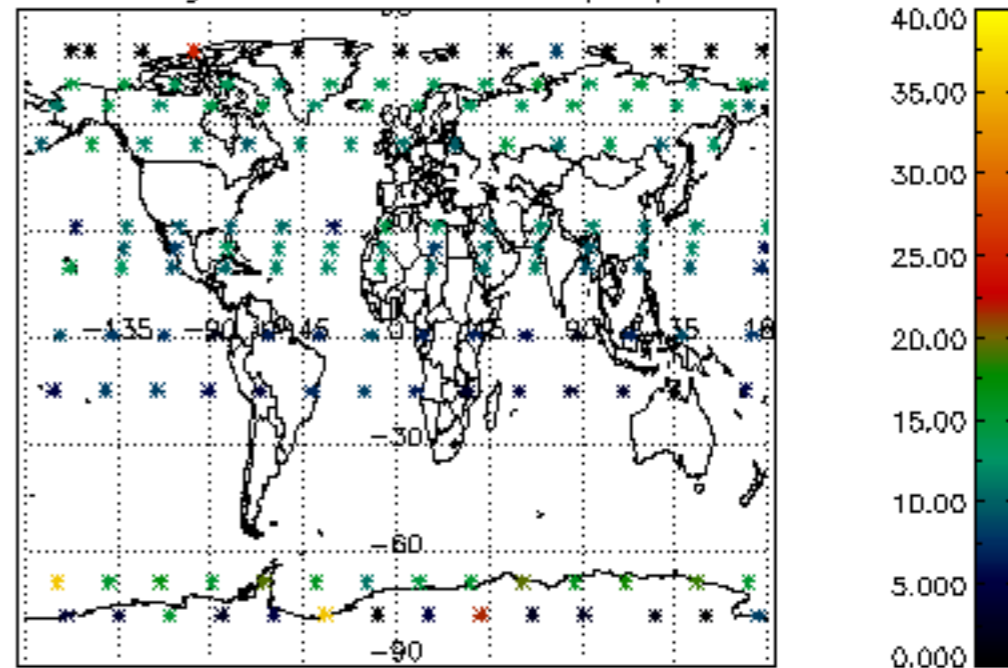
Percentage of datation errors per profile

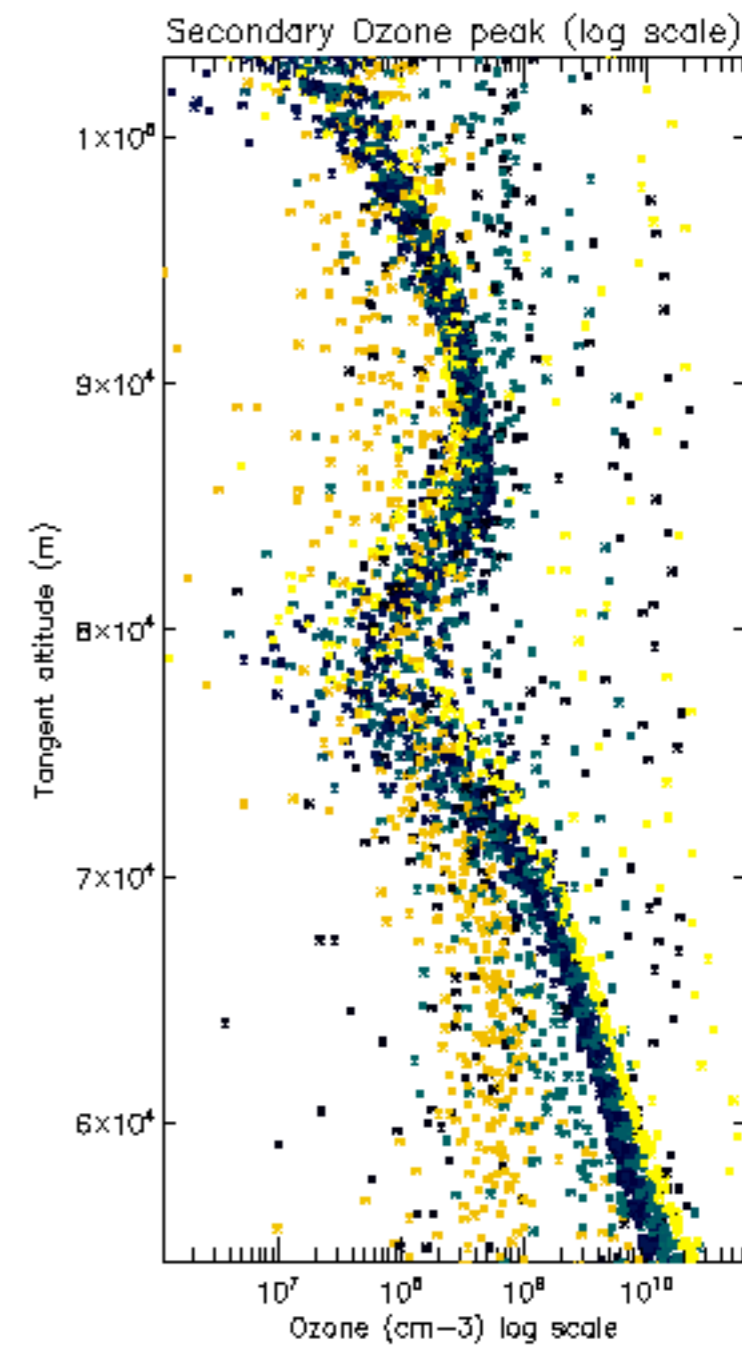
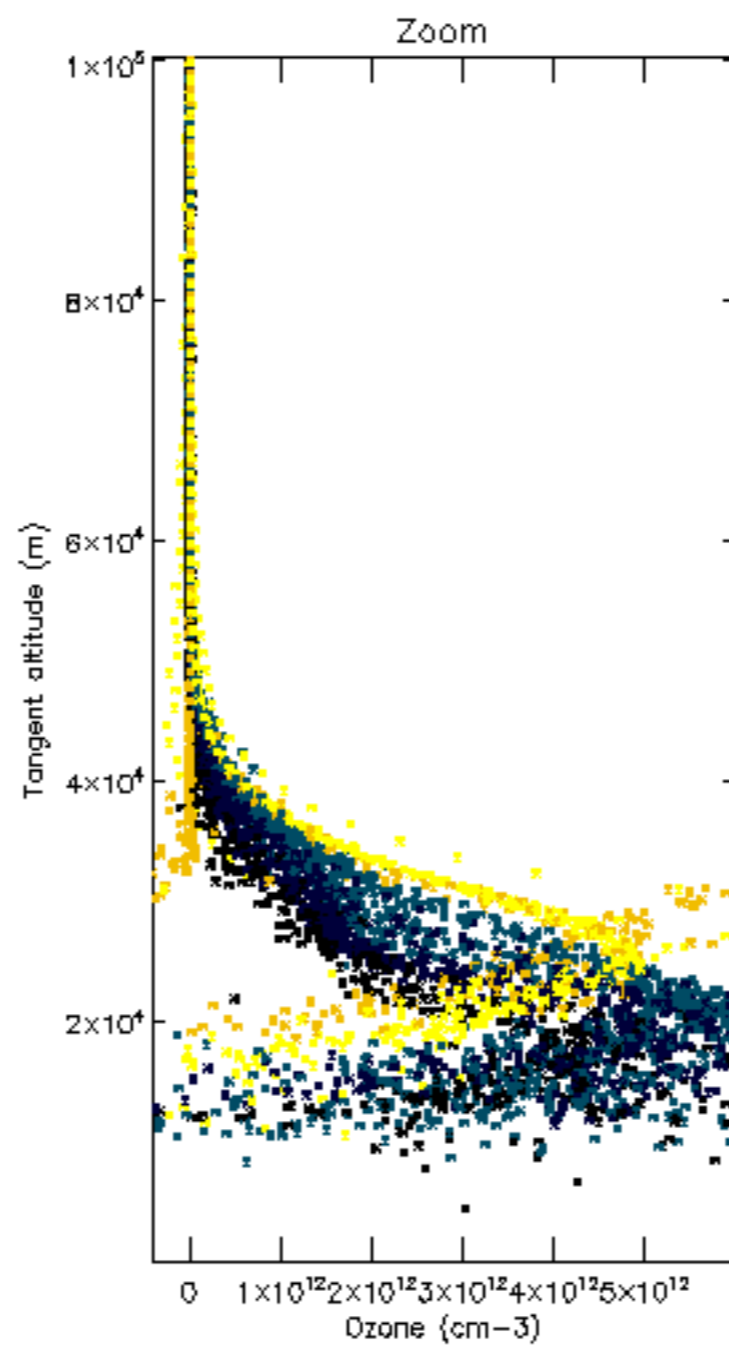
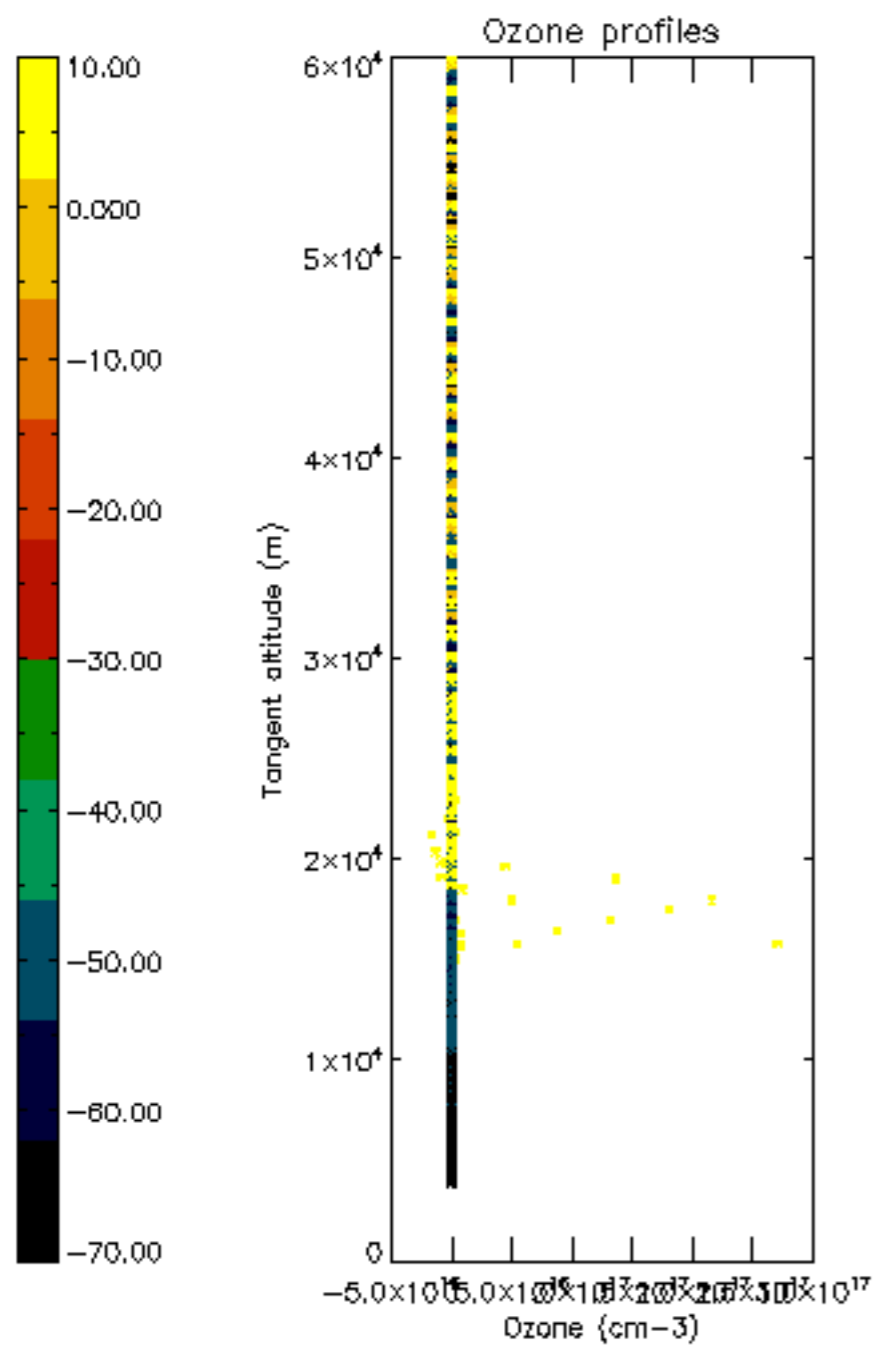


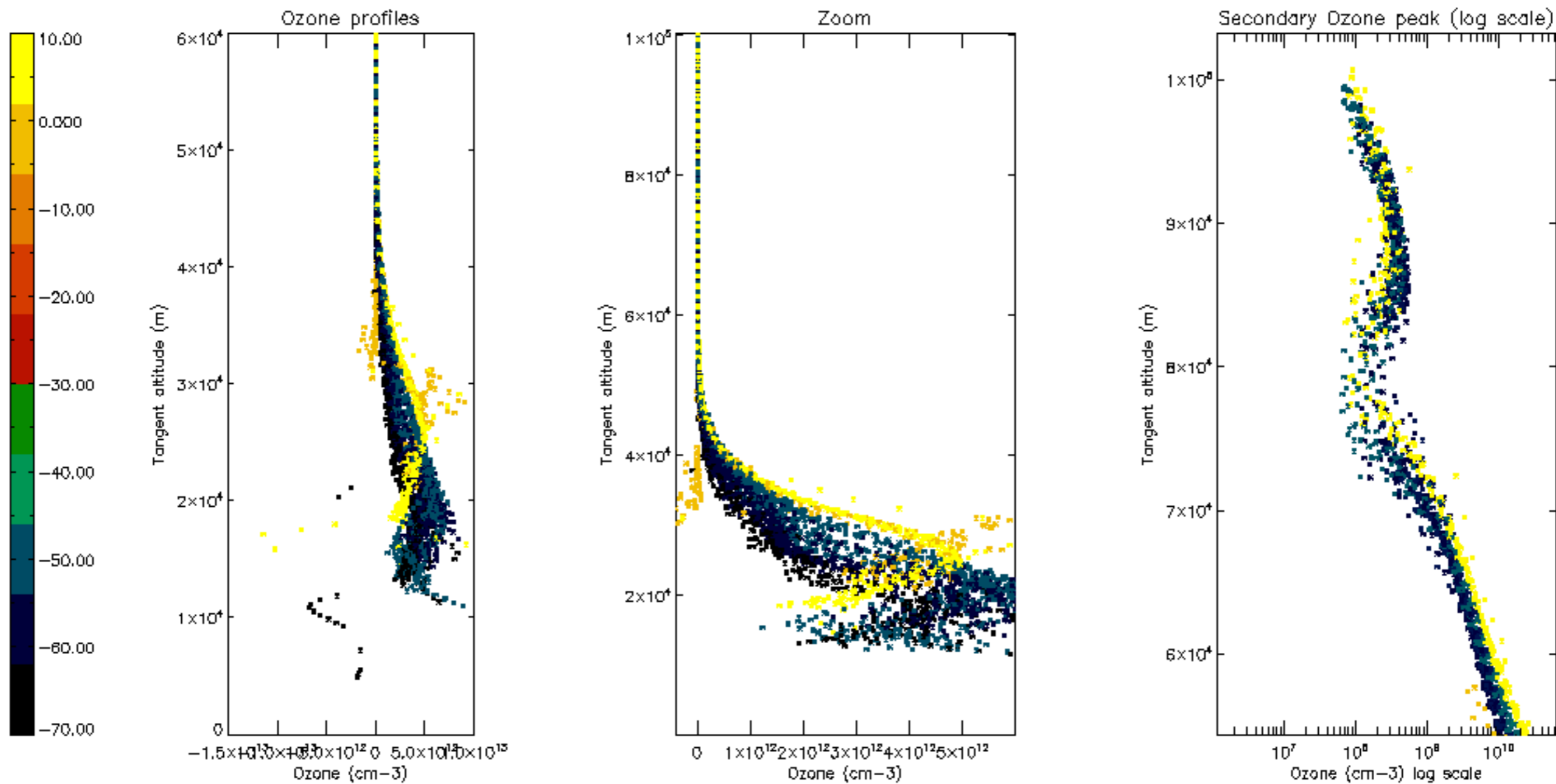
Percentage of star falling outside central band per profile

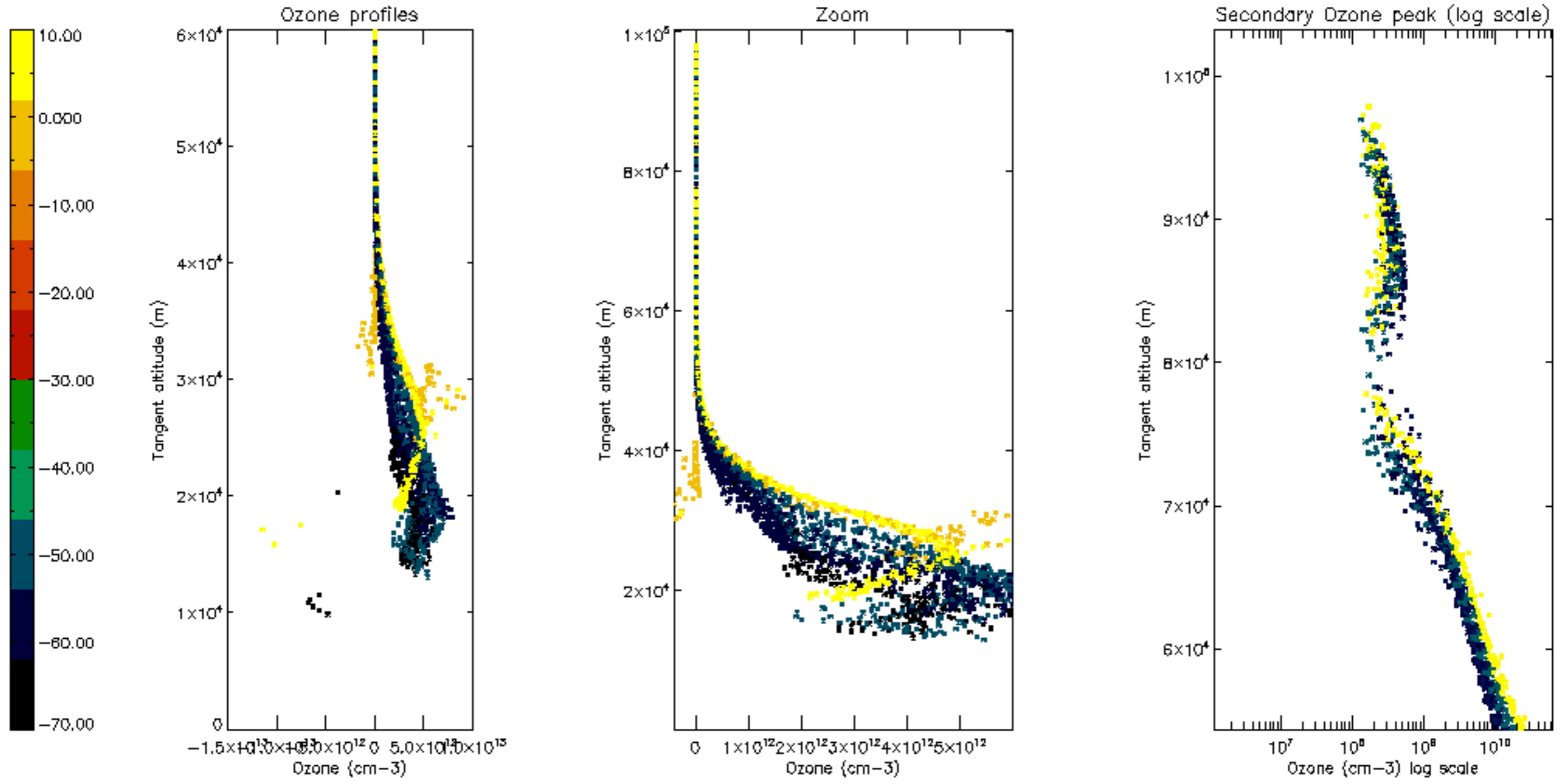


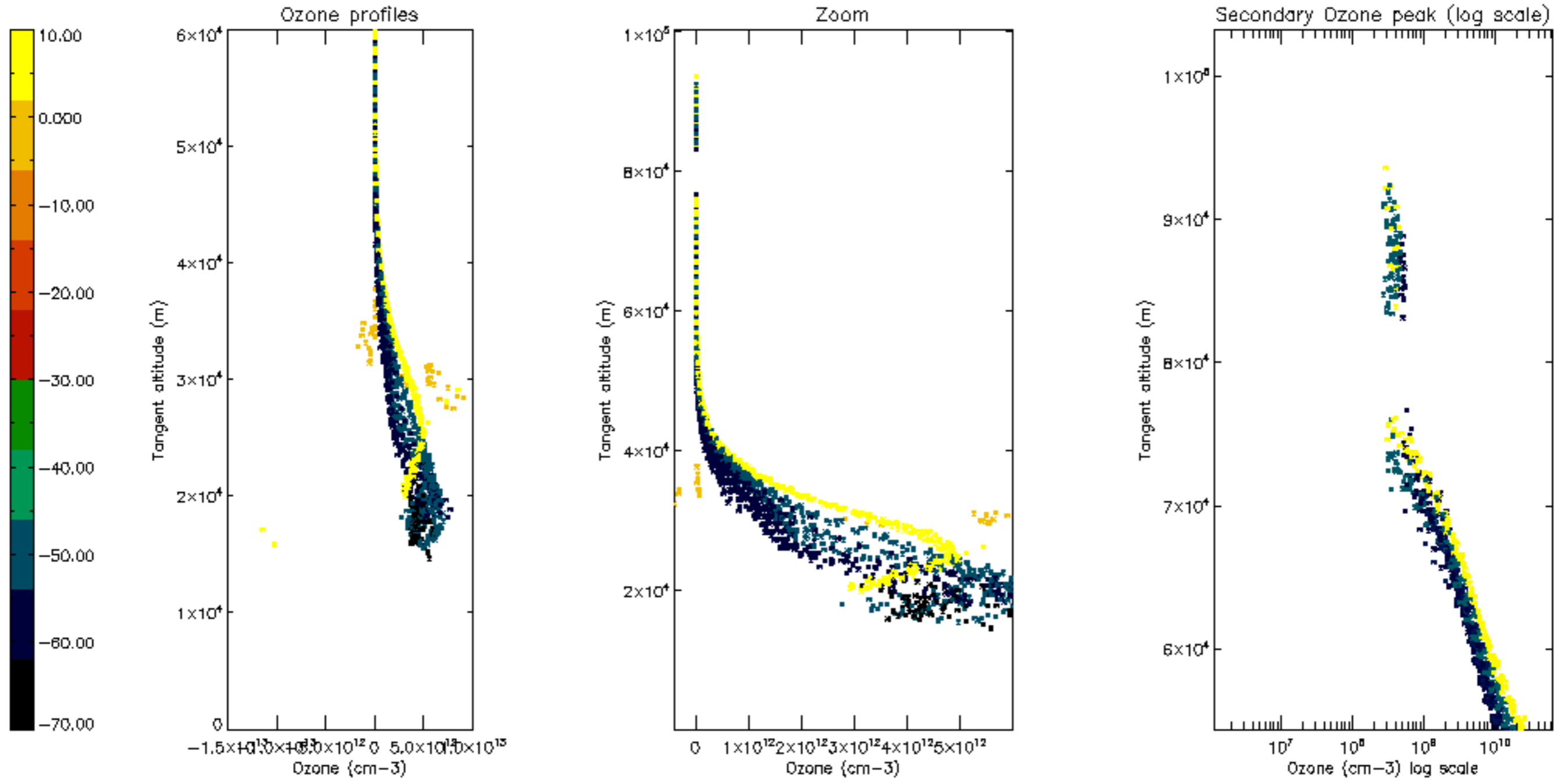
Percentage of saturation errors per profile

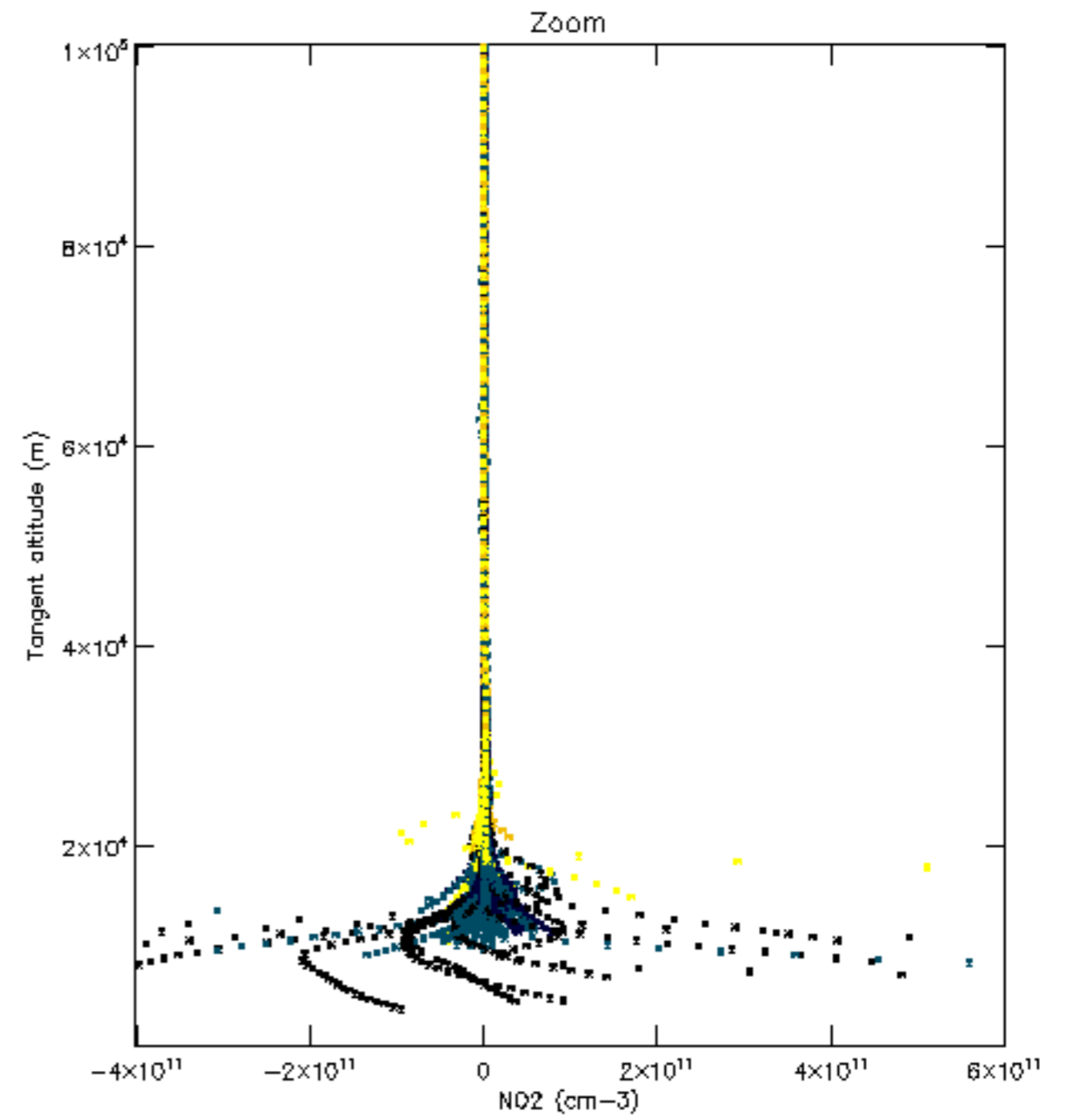
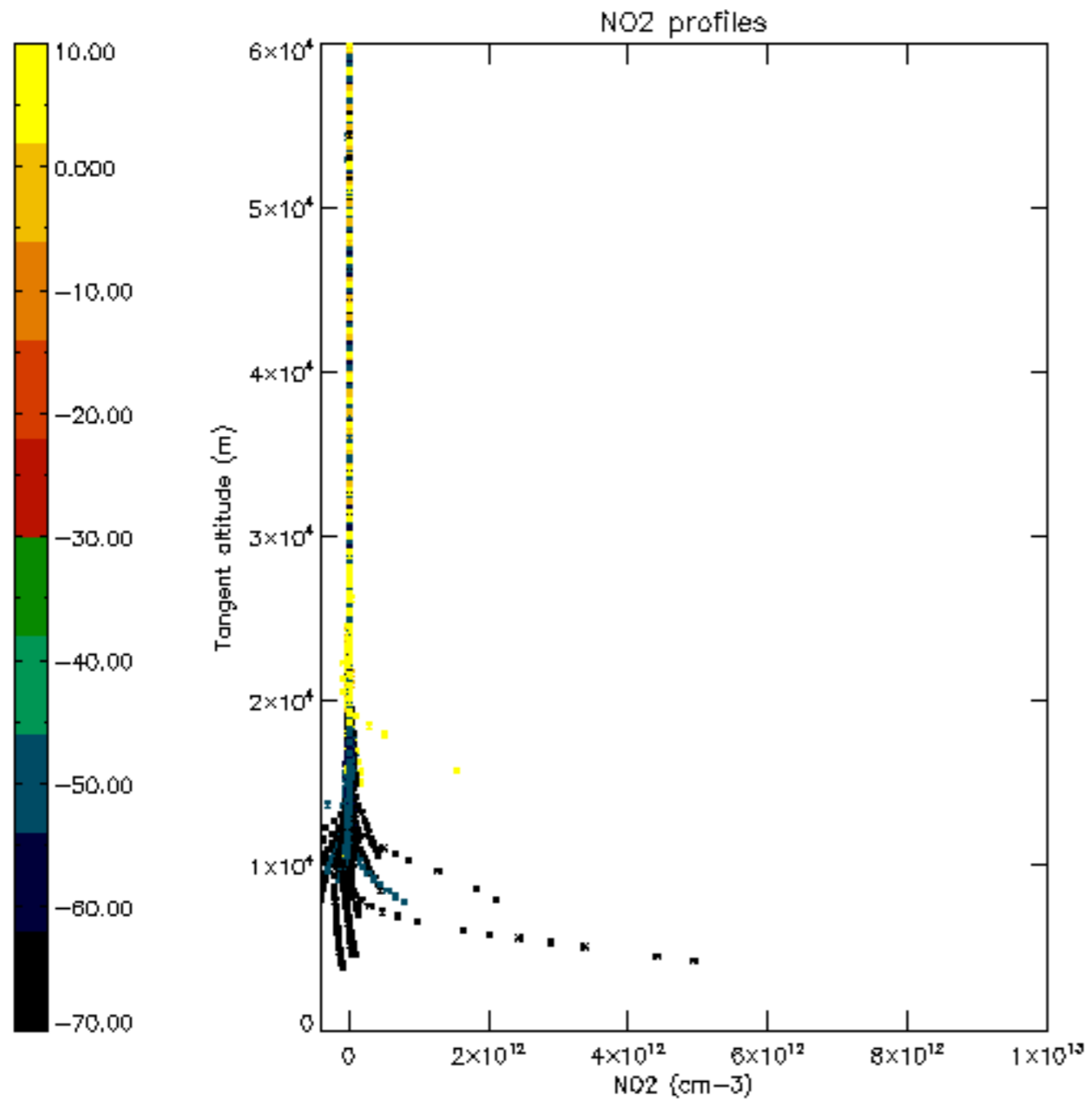


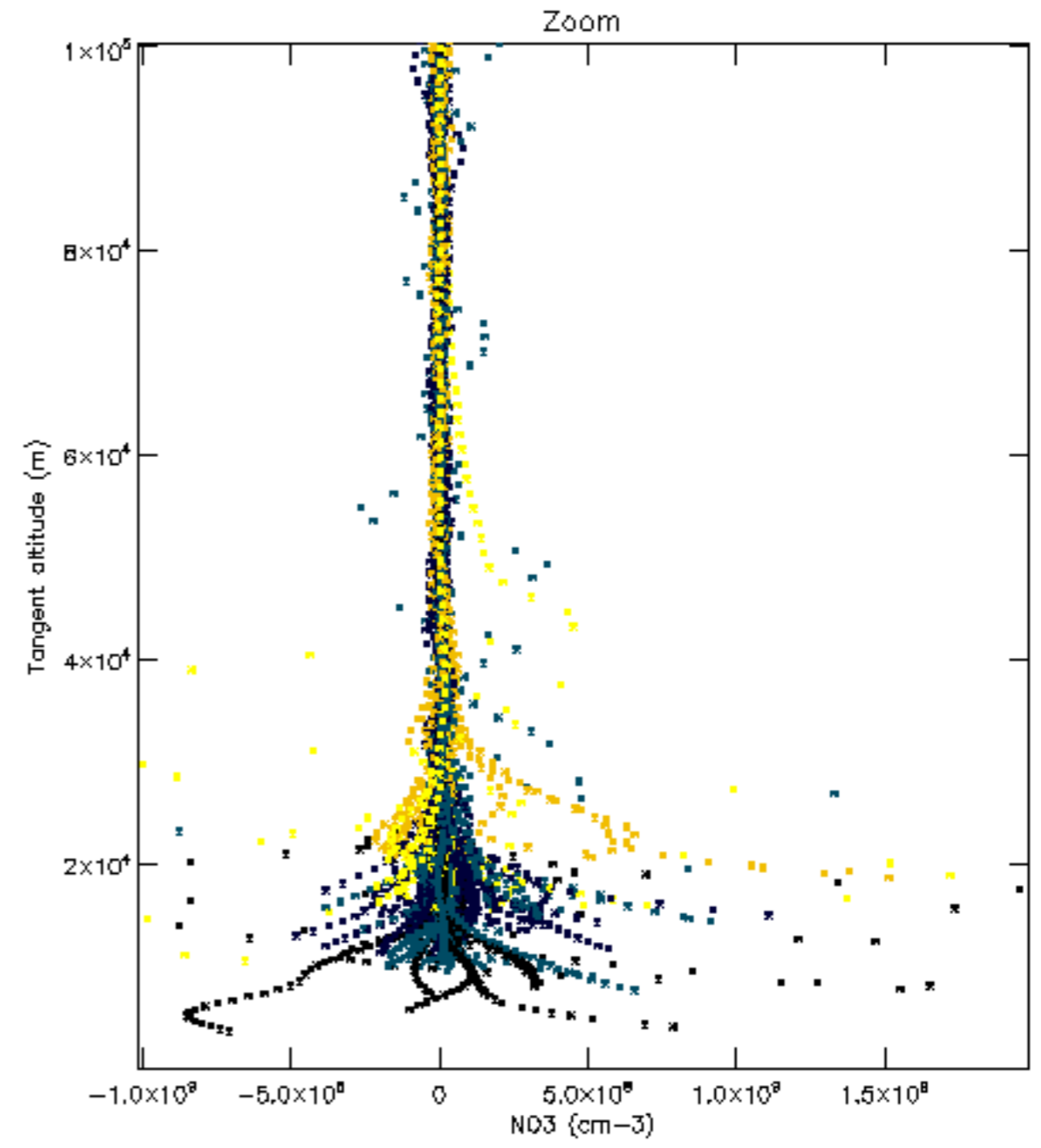
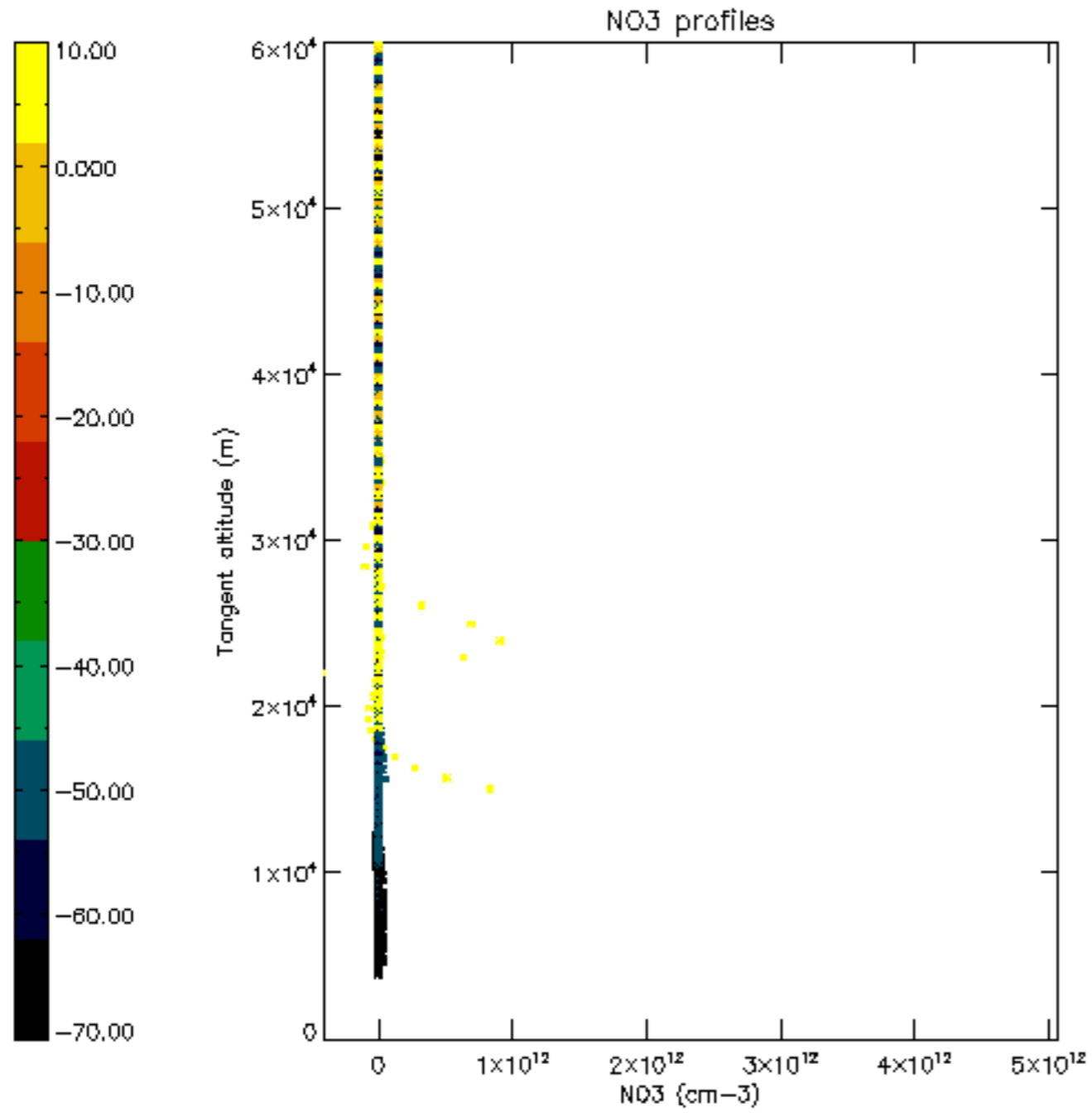


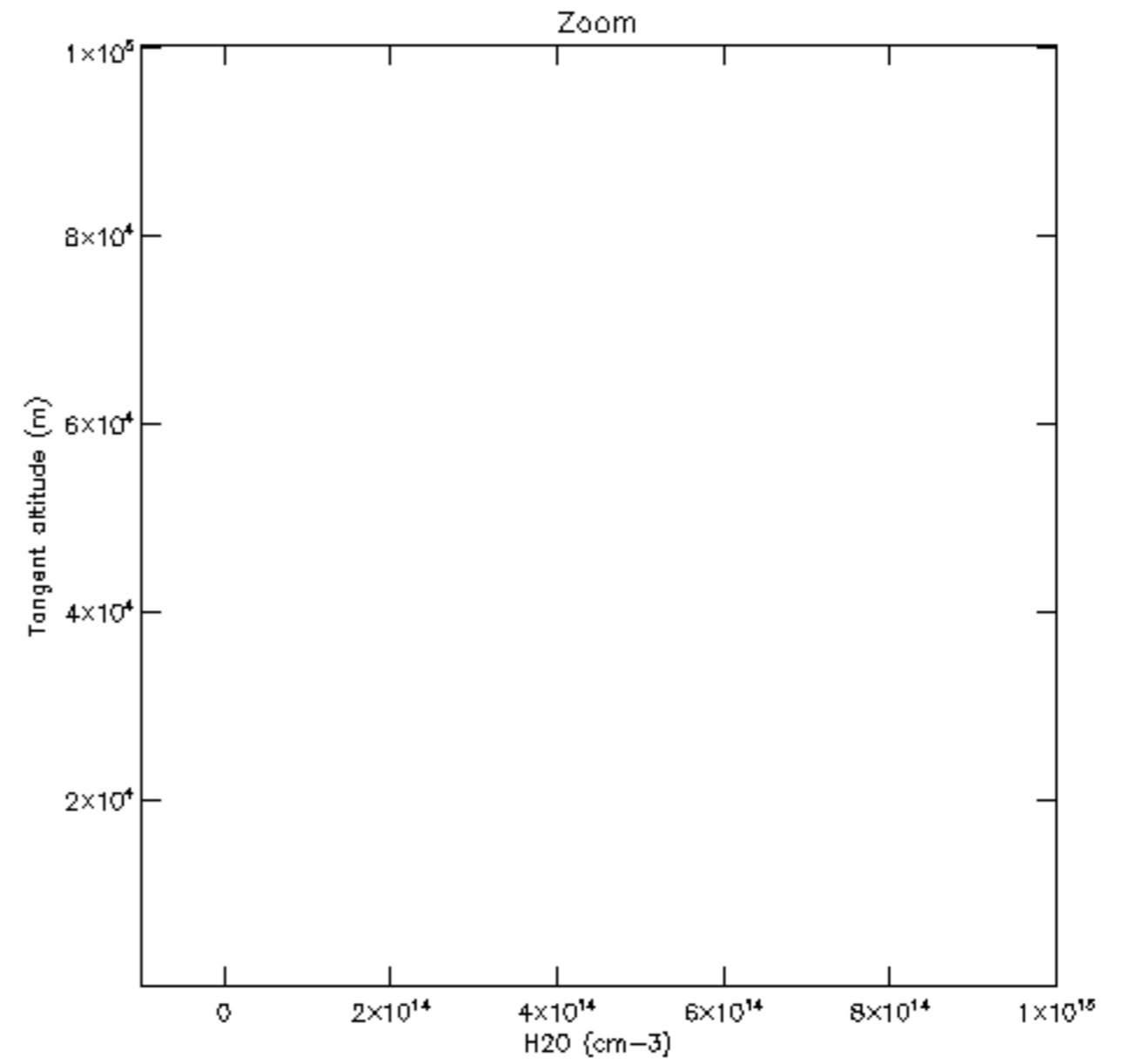
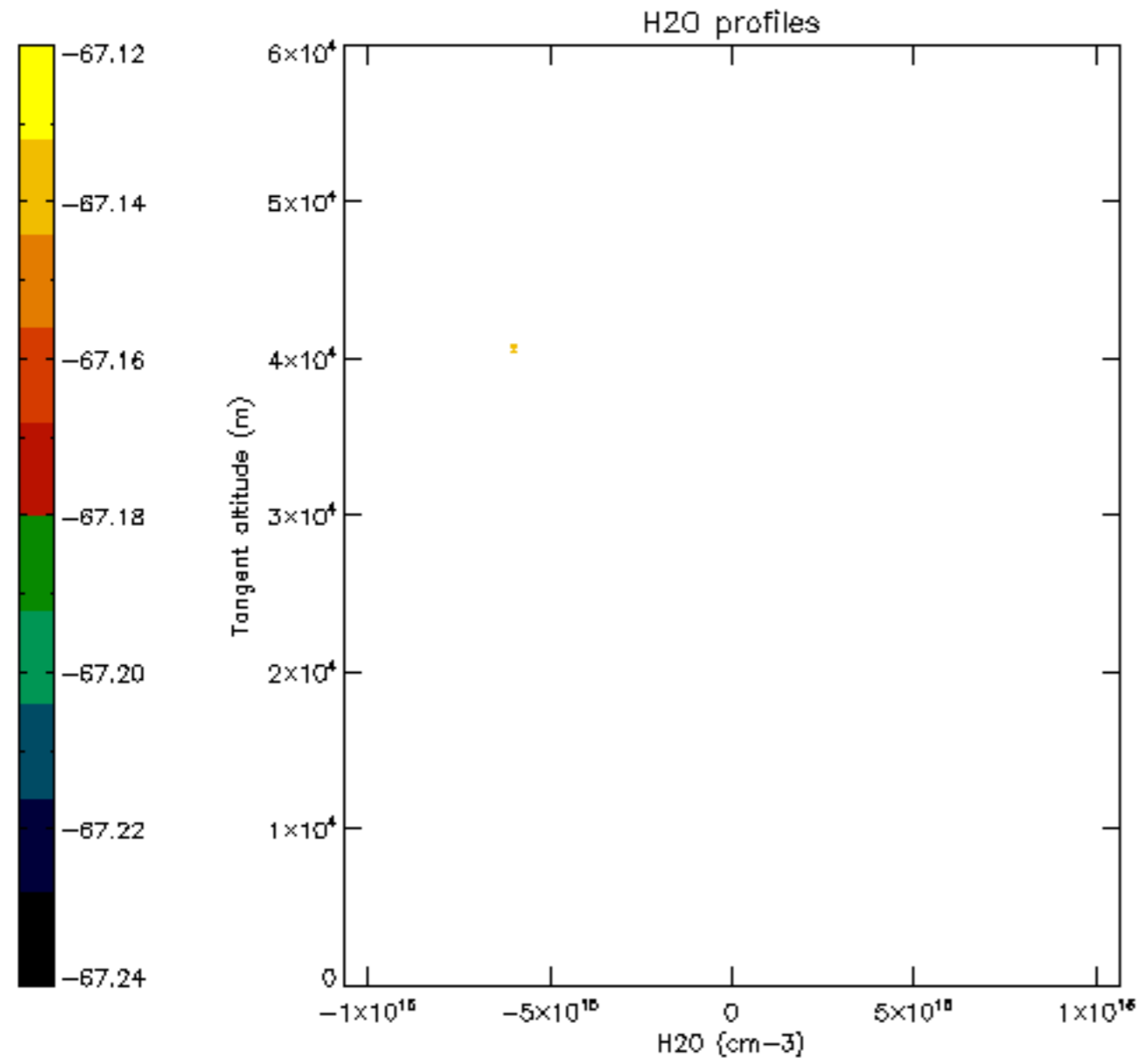


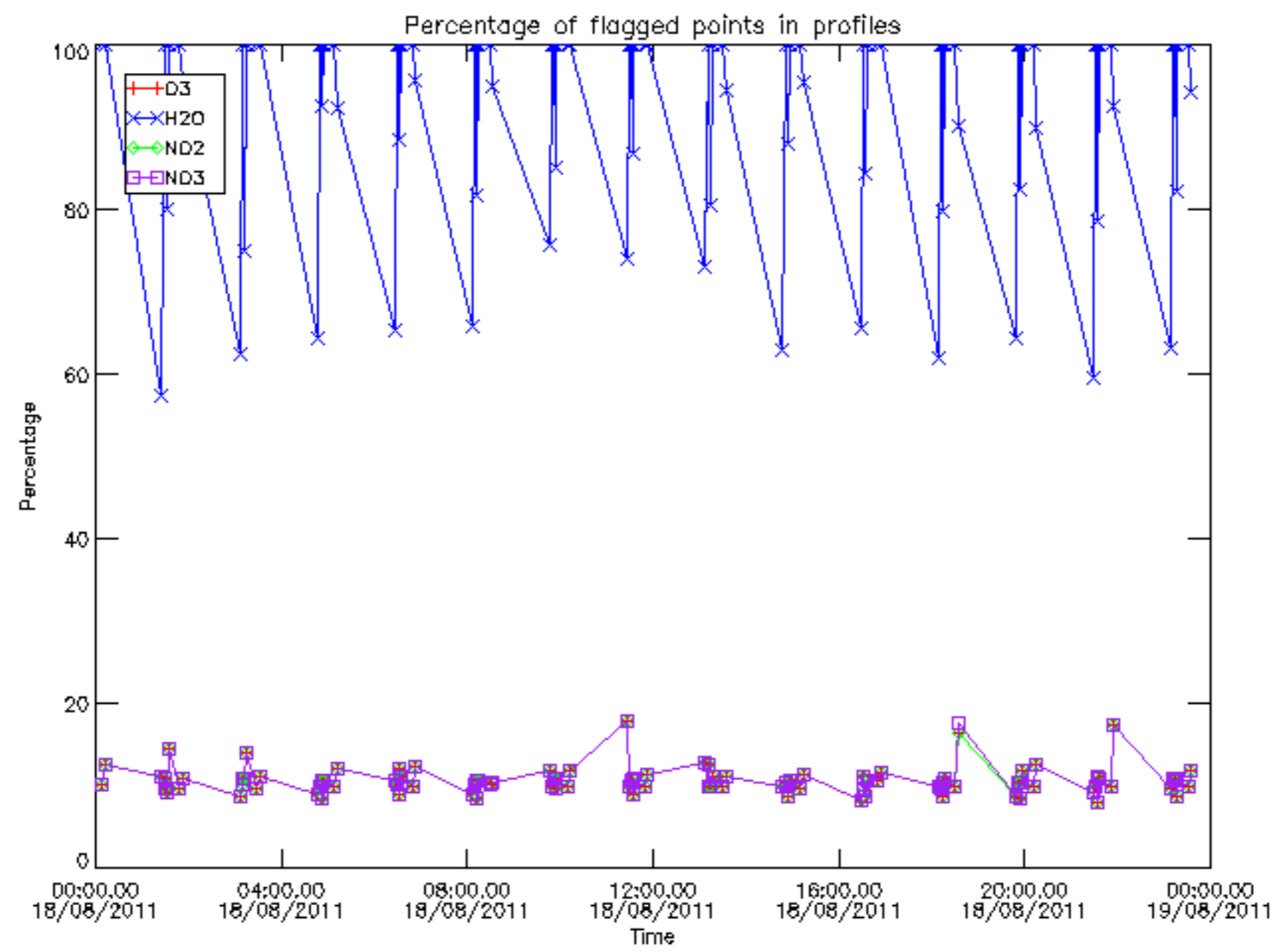




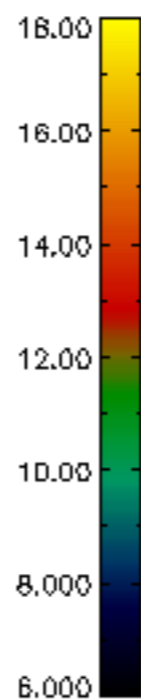
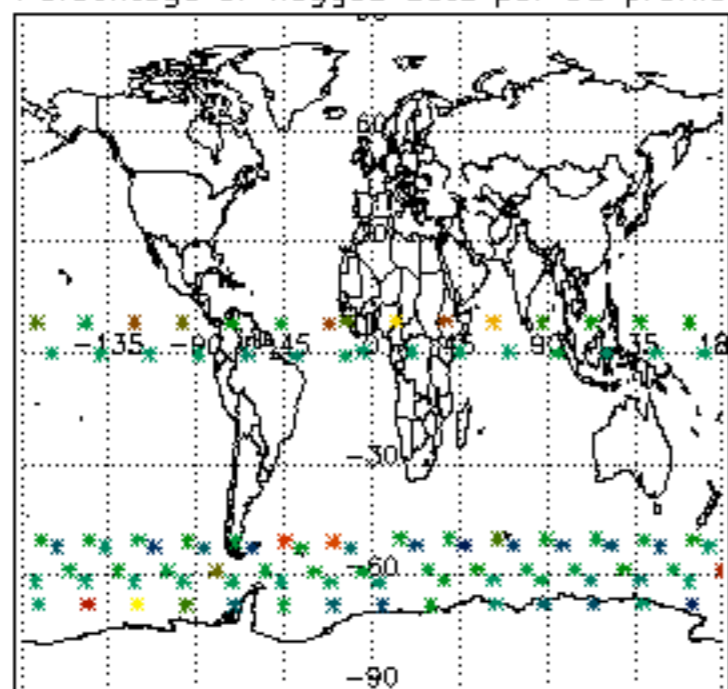




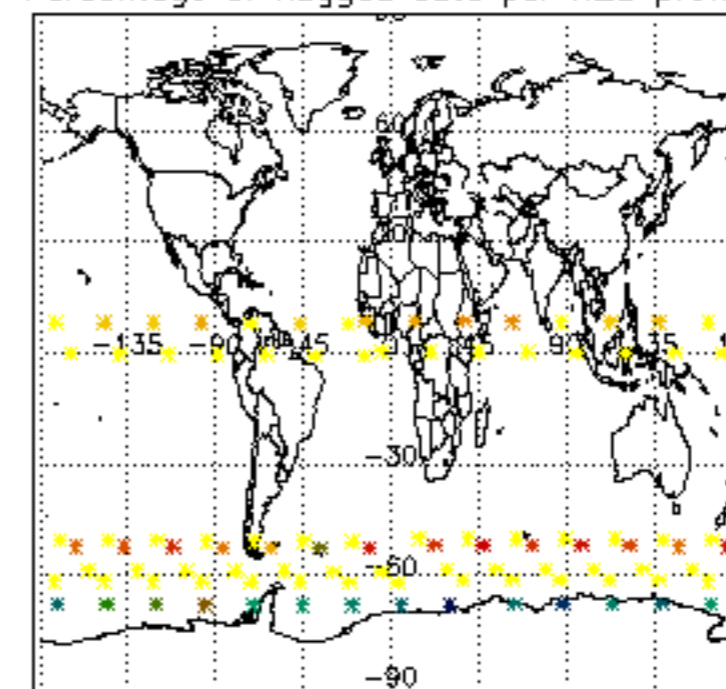




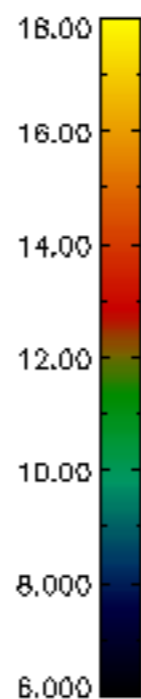
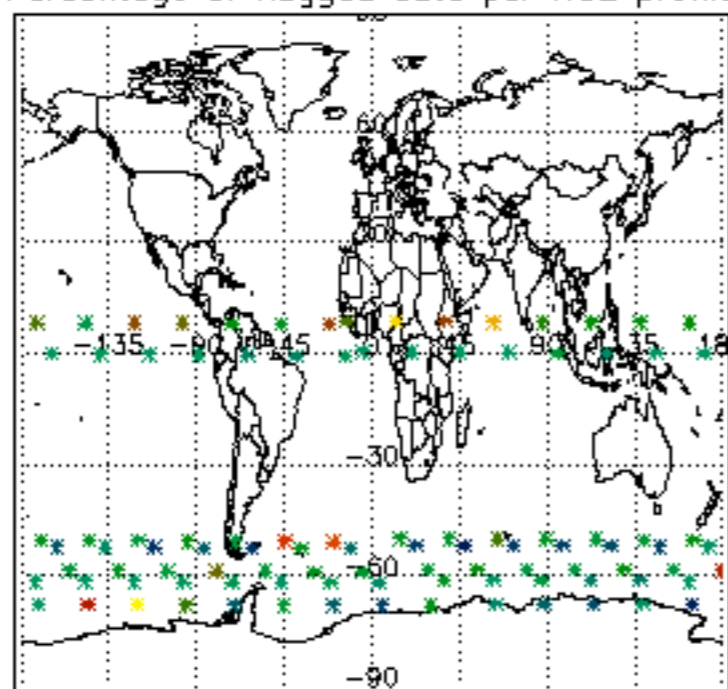
Percentage of flagged data per D3 profile



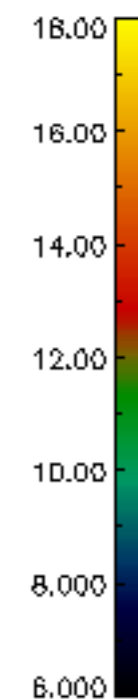
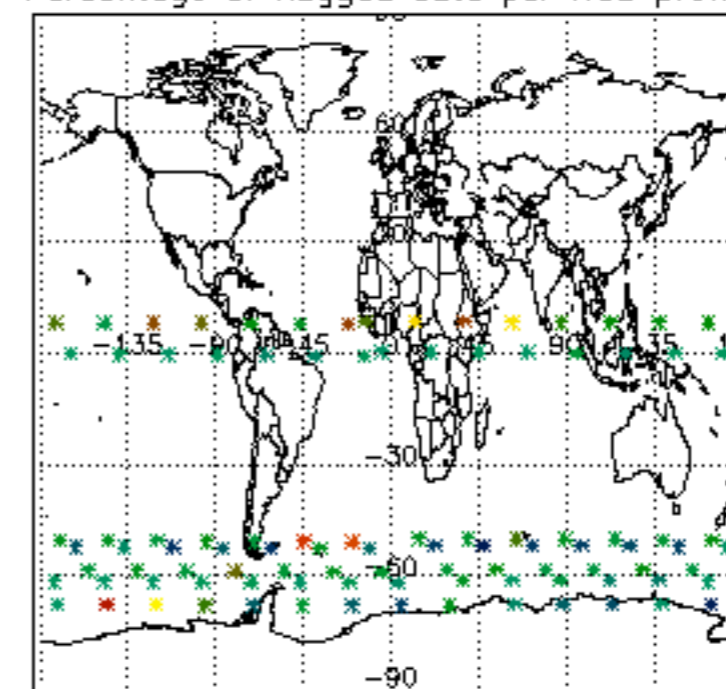
Percentage of flagged data per H2O profile

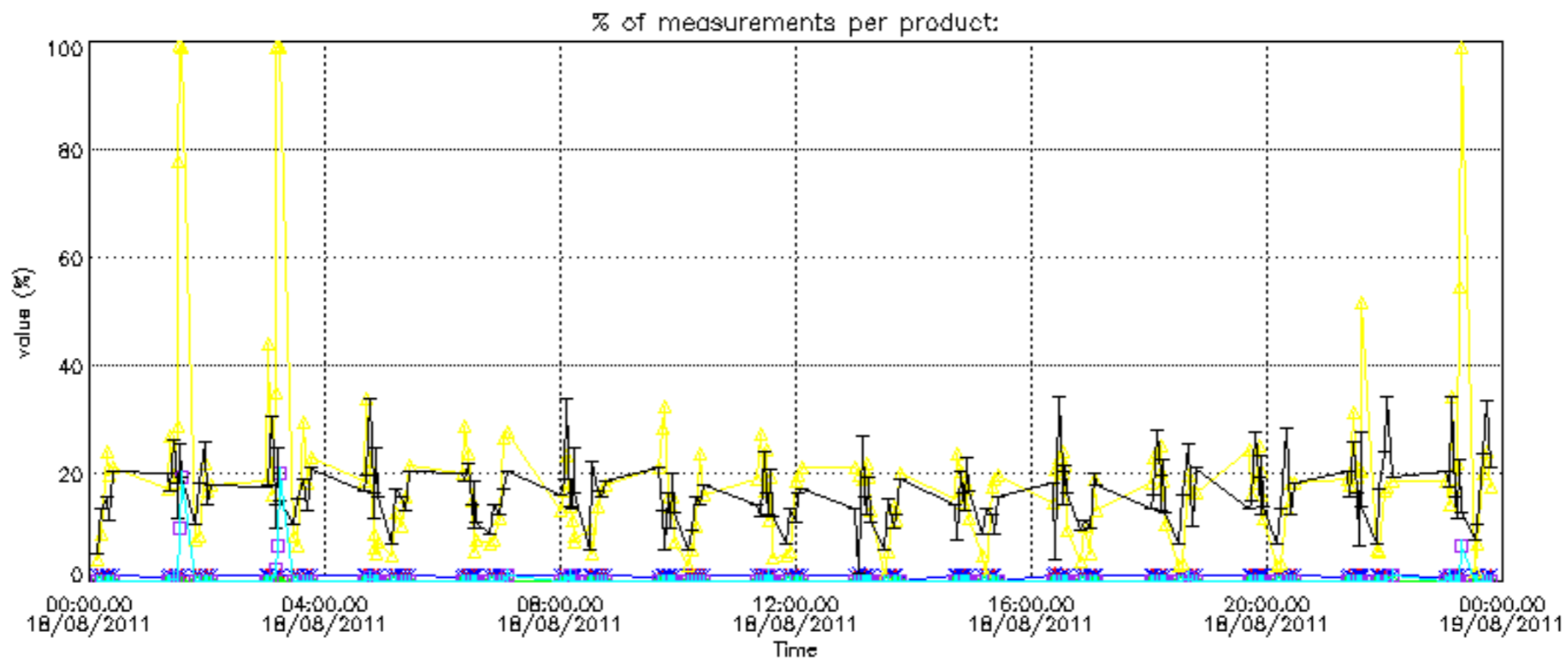


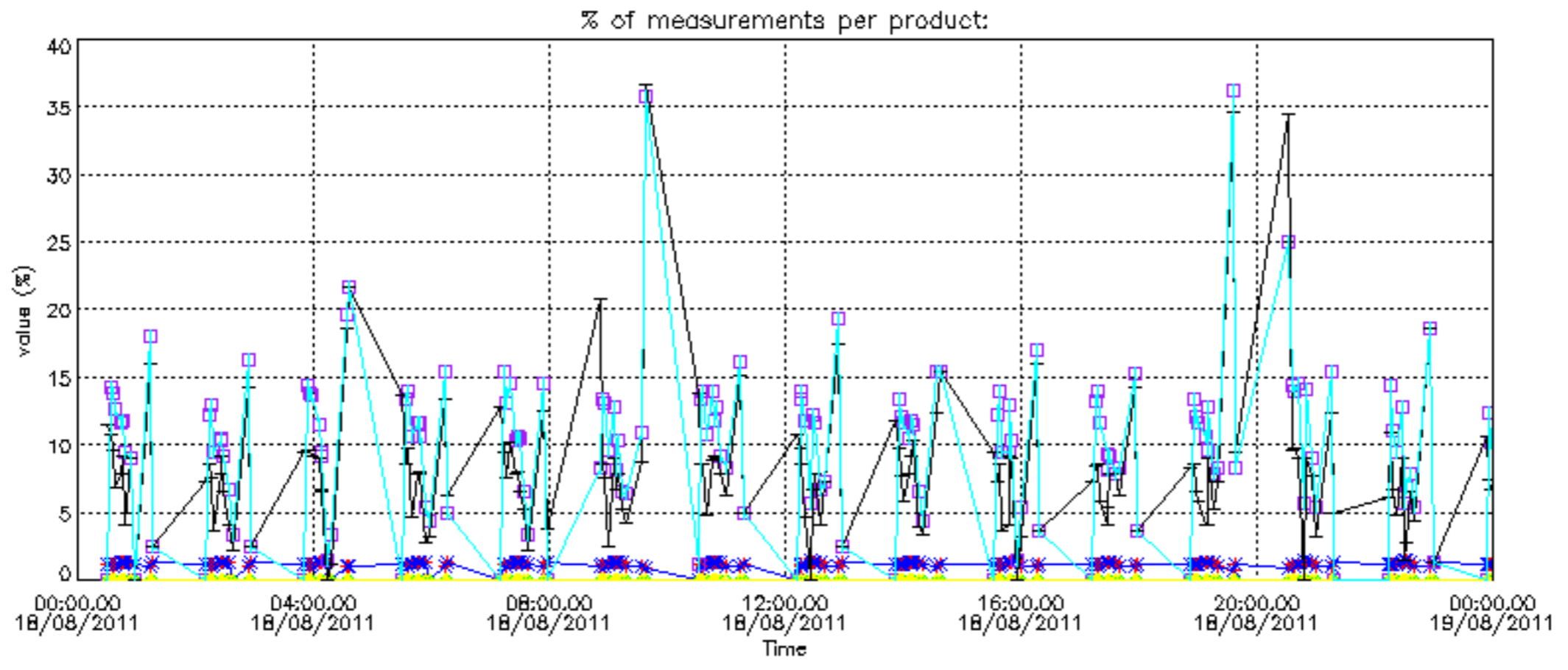
Percentage of flagged data per NO2 profile



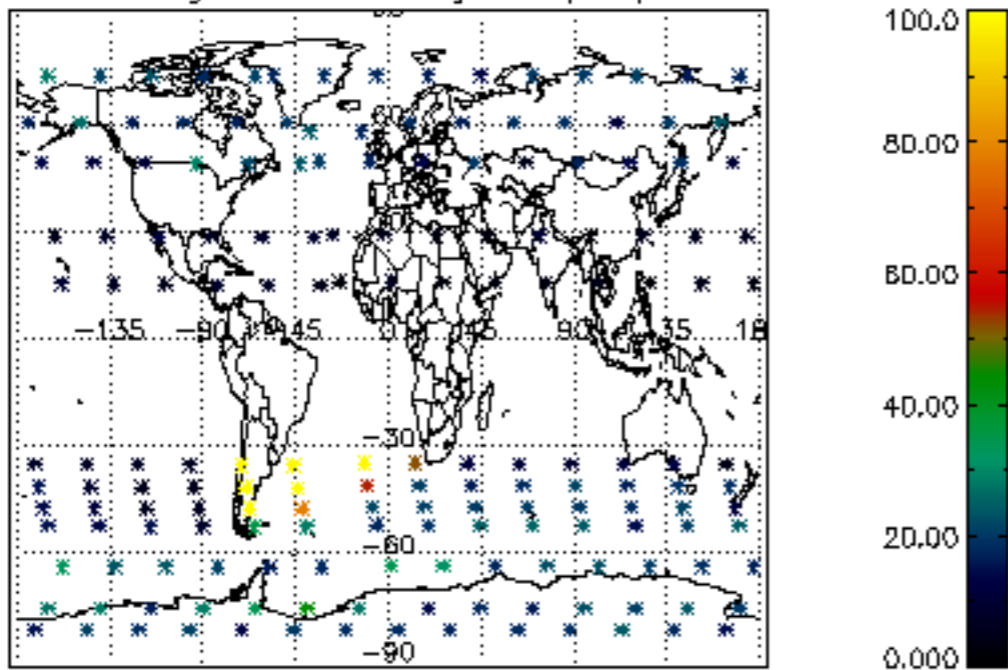
Percentage of flagged data per NO3 profile



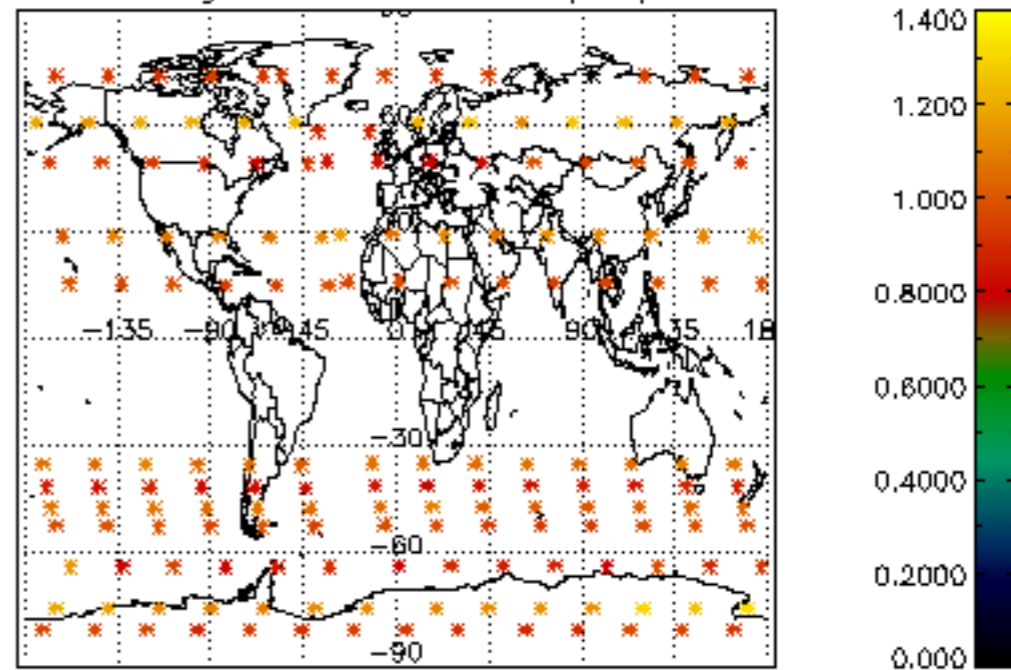




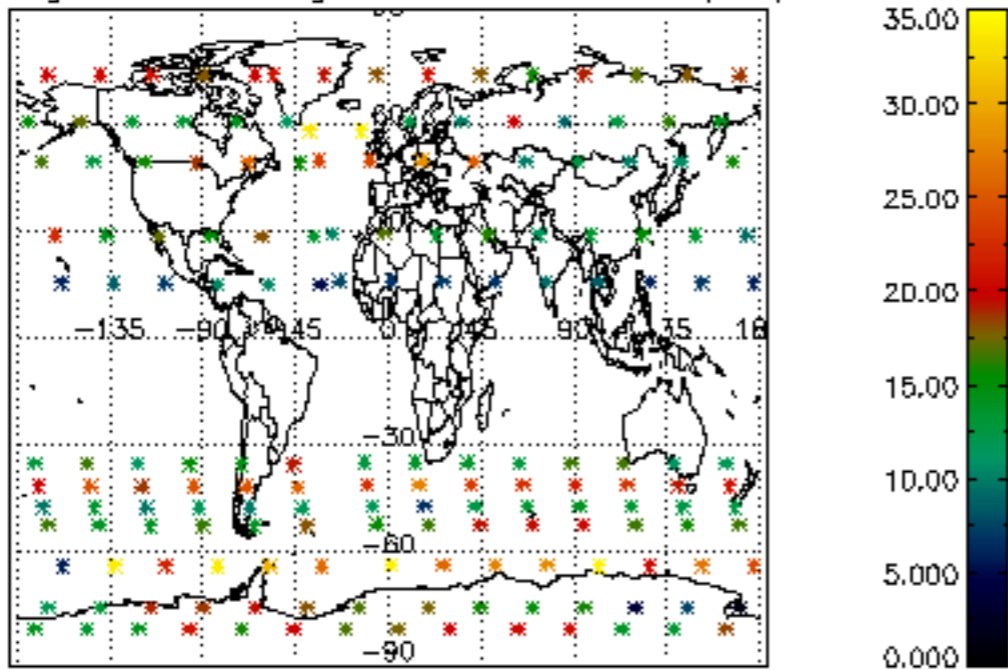
Percentage of cosmic ray hits per profile



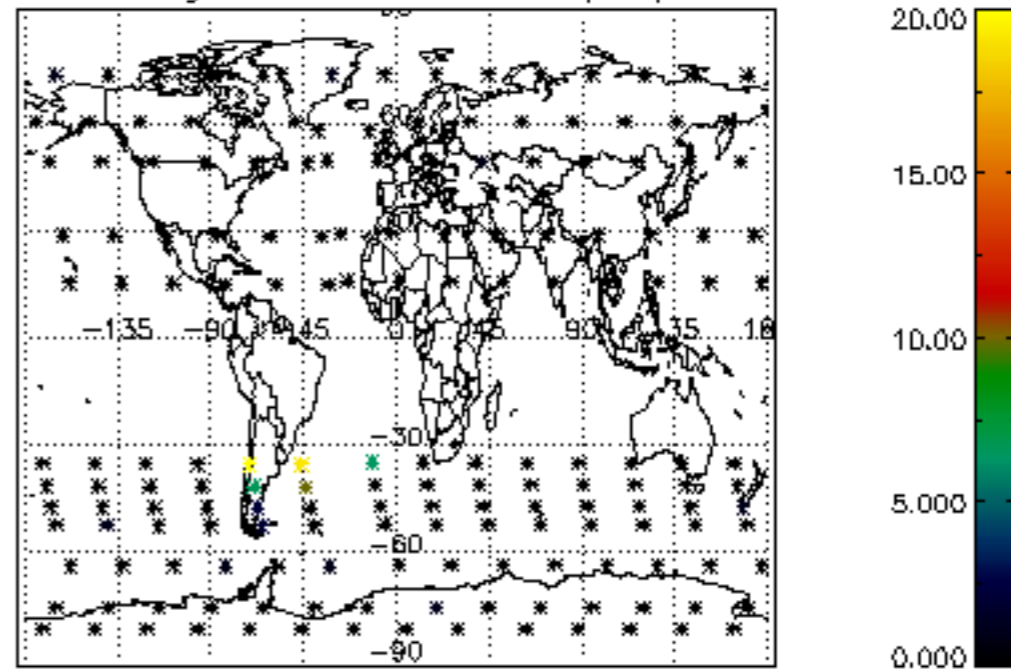
Percentage of datation errors per profile



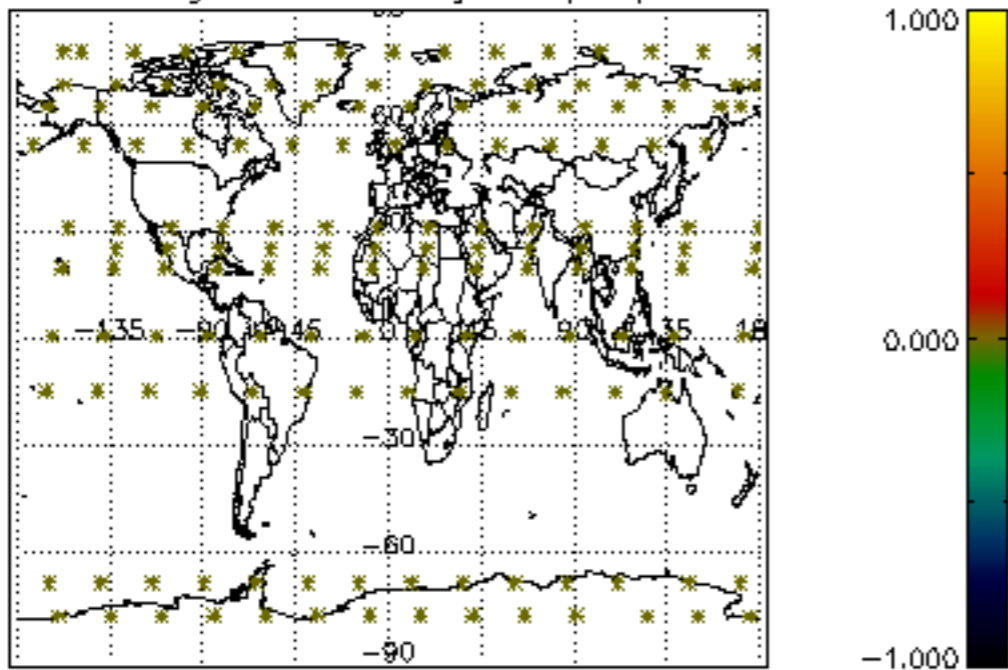
Percentage of star falling outside central band per profile



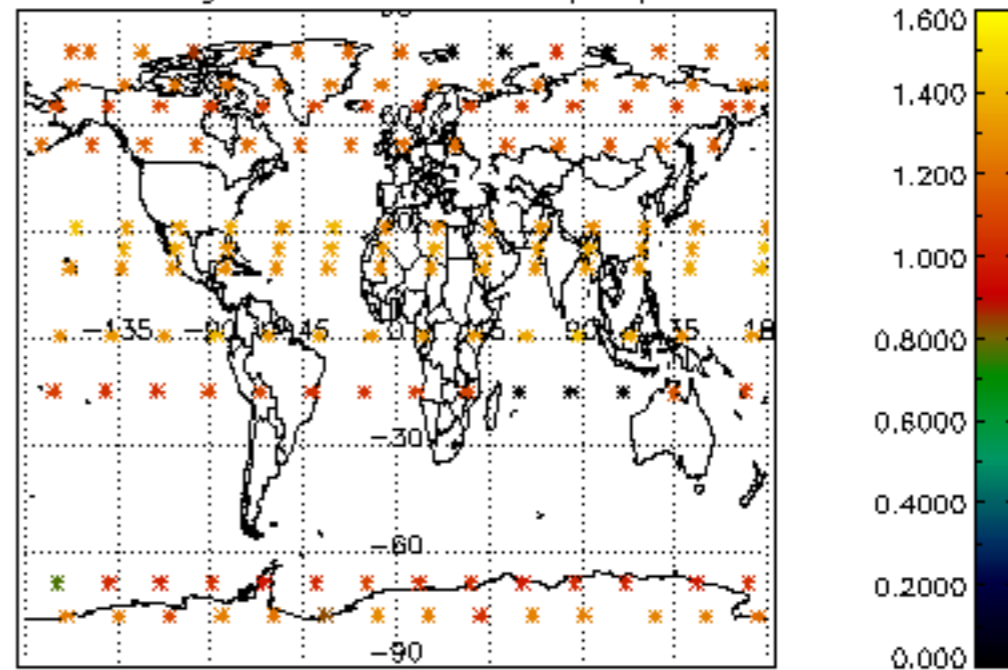
Percentage of saturation errors per profile



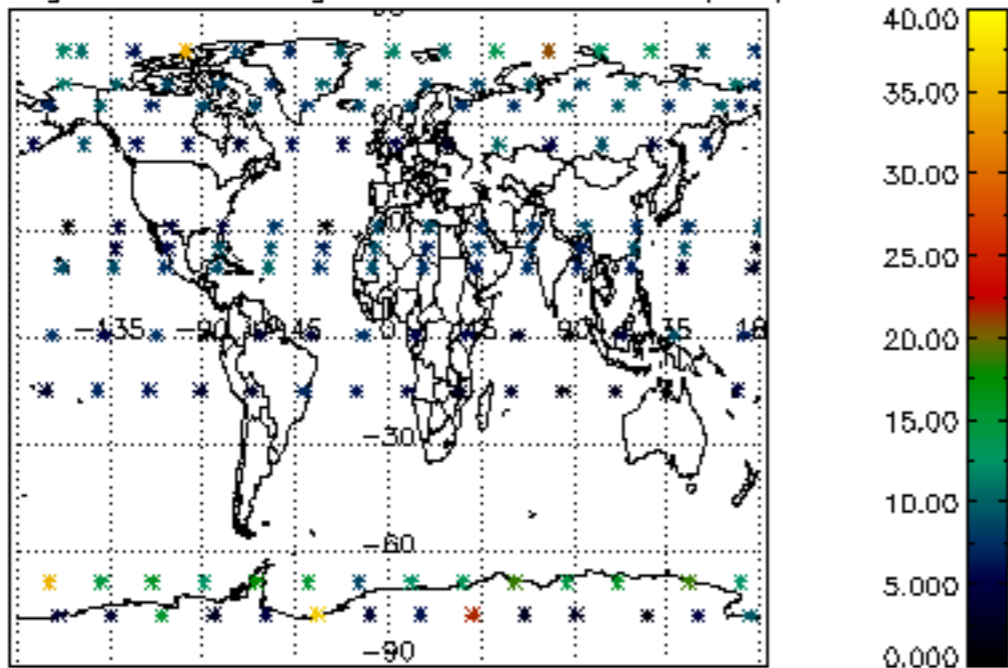
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

