

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 16:45:54
Data source version	GOMOS/6.01
Start time of products	11-08-2011 (11AUG2011 00:00:00)
Stop time of products	12-08-2011 (12AUG2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	300
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__2PRFIN20110811_000148_000000373105_00246_49398_9524.N1	11-AUG-2011 00:01:48	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	49398	No
2	GOM_NL__2PRFIN20110811_000317_000000363105_00246_49398_9525.N1	11-AUG-2011 00:03:17	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	49398	No
3	GOM_NL__2PRFIN20110811_000459_000000403105_00246_49398_9526.N1	11-AUG-2011 00:04:59	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49398	No
4	GOM_NL__2PRFIN20110811_001022_000000393105_00246_49398_9527.N1	11-AUG-2011 00:10:22	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49398	No
5	GOM_NL__2PRFIN20110811_002941_000000473105_00246_49398_9528.N1	11-AUG-2011 00:29:41	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	49398	No
6	GOM_NL__2PRFIN20110811_003226_000000373105_00246_49398_9529.N1	11-AUG-2011 00:32:26	Bright	36.500	107	37The Aur	2.6490	11000.	73	49398	No
7	GOM_NL__2PRFIN20110811_003524_000000513105_00246_49398_9530.N1	11-AUG-2011 00:35:24	Twilight	50.500	28	12Bet Tau	1.6500	15200.	101	49398	No
8	GOM_NL__2PRFIN20110811_003739_000000433105_00246_49398_9531.N1	11-AUG-2011 00:37:39	Twilight	42.500	176	23Zet Tau	3.0200	22000.	85	49398	No
9	GOM_NL__2PRFIN20110811_004129_000000513105_00246_49398_9532.N1	11-AUG-2011 00:41:29	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	49398	No
10	GOM_NL__2PRFIN20110811_004431_000000433105_00246_49398_9533.N1	11-AUG-2011 00:44:31	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	49398	No
11	GOM_NL__2PRFIN20110811_004554_000000433105_00246_49398_9534.N1	11-AUG-2011 00:45:54	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	49398	No
12	GOM_NL__2PRFIN20110811_004719_000000533105_00246_49398_9535.N1	11-AUG-2011 00:47:19	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	49398	No
13	GOM_NL__2PRFIN20110811_010233_000000513105_00247_49399_9547.N1	11-AUG-2011 01:02:33	Dark	50.500	157	The1Eri	2.9060	9300.0	101	49399	No
14	GOM_NL__2PRFIN20110811_010708_000000483105_00247_49399_9548.N1	11-AUG-2011 01:07:08	Dark	48.000	9	Alp Eri	0.45300	24000.	96	49399	No
15	GOM_NL__2PRFIN20110811_011239_000000533105_00247_49399_9549.N1	11-AUG-2011 01:12:39	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	49399	No
16	GOM_NL__2PRFIN20110811_011642_000000433105_00247_49399_9550.N1	11-AUG-2011 01:16:42	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	49399	No
17	GOM_NL__2PRFIN20110811_012033_000000573105_00247_49399_9551.N1	11-AUG-2011 01:20:33	Twilight	57.000	18	24Alp PsA	1.1660	9700.0	114	49399	No
18	GOM_NL__2PRFIN20110811_012633_000000463105_00247_49399_9552.N1	11-AUG-2011 01:26:33	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	49399	No
19	GOM_NL__2PRFIN20110811_013010_000000463105_00247_49399_9553.N1	11-AUG-2011 01:30:10	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	49399	No
20	GOM_NL__2PRFIN20110811_013541_000000503105_00247_49399_9554.N1	11-AUG-2011 01:35:41	Bright	49.500	61	8Eps Peg	2.1000	3900.0	99	49399	No
21	GOM_NL__2PRFIN20110811_014201_000000413105_00247_49399_9555.N1	11-AUG-2011 01:42:01	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	49399	No
22	GOM_NL__2PRFIN20110811_014331_000000393105_00247_49399_9556.N1	11-AUG-2011 01:43:31	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	49399	No
23	GOM_NL__2PRFIN20110811_014513_000000403105_00247_49399_9557.N1	11-AUG-2011 01:45:13	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49399	No
24	GOM_NL__2PRFIN20110811_015036_000000403105_00247_49399_9558.N1	11-AUG-2011 01:50:36	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49399	No
25	GOM_NL__2PRFIN20110811_020955_000000473105_00247_49399_9559.N1	11-AUG-2011 02:09:55	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	49399	No
26	GOM_NL__2PRFIN20110811_021240_000000373105_00247_49399_9560.N1	11-AUG-2011 02:12:40	Bright	36.500	107	37The Aur	2.6490	11000.	73	49399	No
27	GOM_NL__2PRFIN20110811_021538_000000493105_00247_49399_9561.N1	11-AUG-2011 02:15:38	Twilight	49.000	28	12Bet Tau	1.6500	15200.	98	49399	No
28	GOM_NL__2PRFIN20110811_021753_000000453105_00247_49399_9562.N1	11-AUG-2011 02:17:53	Twilight	44.500	176	23Zet Tau	3.0200	22000.	89	49399	No
29	GOM_NL__2PRFIN20110811_022144_000000513105_00247_49399_9563.N1	11-AUG-2011 02:21:44	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	49399	No
30	GOM_NL__2PRFIN20110811_022445_000000493105_00247_49399_9564.N1	11-AUG-2011 02:24:45	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	49399	No
31	GOM_NL__2PRFIN20110811_022608_000000433105_00247_49399_9565.N1	11-AUG-2011 02:26:08	Dark	42.500	125	44Iot Ori	2.7700	30000.	85	49399	No
32	GOM_NL__2PRFIN20110811_022733_000000533105_00247_49399_9566.N1	11-AUG-2011 02:27:33	Dark	52.500	7	19Bet Ori	0.10000	14000.	105	49399	No
33	GOM_NL__2PRFIN20110811_022932_000000453105_00247_49399_9567.N1	11-AUG-2011 02:29:32	Dark	44.500	101	11Alp Lep	2.5820	7000.0	89	49399	No
34	GOM_NL__2PRFIN20110811_024248_000000503105_00248_49400_9588.N1	11-AUG-2011 02:42:48	Dark	49.500	157	The1Eri	2.9060	9300.0	99	49400	No
35	GOM_NL__2PRFIN20110811_024722_000000453105_00248_49400_9589.N1	11-AUG-2011 02:47:22	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49400	No
36	GOM_NL__2PRFIN20110811_025253_000000553105_00248_49400_9590.N1	11-AUG-2011 02:52:53	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49400	No
37	GOM_NL__2PRFIN20110811_025656_000000493105_00248_49400_9591.N1	11-AUG-2011 02:56:56	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	49400	No
38	GOM_NL__2PRFIN20110811_030048_000000603105_00248_49400_9592.N1	11-AUG-2011 03:00:48	Twilight	60.000	18	24Alp PsA	1.1660	9700.0	120	49400	No
39	GOM_NL__2PRFIN20110811_030647_000000463105_00248_49400_9593.N1	11-AUG-2011 03:06:47	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	49400	No
40	GOM_NL__2PRFIN20110811_031024_000000453105_00248_49400_9594.N1	11-AUG-2011 03:10:24	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49400	No
41	GOM_NL__2PRFIN20110811_031555_000000473105_00248_49400_9595.N1	11-AUG-2011 03:15:55	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	49400	No
42	GOM_NL__2PRFIN20110811_032215_000000403105_00248_49400_9596.N1	11-AUG-2011 03:22:15	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	49400	No

43	GOM_NL__2PRFIN20110811_032345_000000393105_00248_49400_9597.N1	11-AUG-2011 03:23:45	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	49400	No
44	GOM_NL__2PRFIN20110811_032526_000000383105_00248_49400_9598.N1	11-AUG-2011 03:25:26	Bright	38.000	19	50Alp Cyg	1.2460	10500.	76	49400	No
45	GOM_NL__2PRFIN20110811_033049_000000373105_00248_49400_9599.N1	11-AUG-2011 03:30:49	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	49400	No
46	GOM_NL__2PRFIN20110811_035009_000000483105_00248_49400_9600.N1	11-AUG-2011 03:50:09	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	49400	No
47	GOM_NL__2PRFIN20110811_035254_000000413105_00248_49400_9601.N1	11-AUG-2011 03:52:54	Bright	41.000	107	37The Aur	2.6490	11000.	82	49400	No
48	GOM_NL__2PRFIN20110811_035552_000000503105_00248_49400_9602.N1	11-AUG-2011 03:55:52	Twilight	50.000	28	12Bet Tau	1.6500	15200.	100	49400	No
49	GOM_NL__2PRFIN20110811_035807_000000463105_00248_49400_9603.N1	11-AUG-2011 03:58:07	Twilight	45.500	176	23Zet Tau	3.0200	22000.	91	49400	No
50	GOM_NL__2PRFIN20110811_040158_000000503105_00248_49400_9604.N1	11-AUG-2011 04:01:58	Dark	50.000	14	58Alp Ori	0.87000	3000.0	100	49400	No
51	GOM_NL__2PRFIN20110811_040500_000000423105_00248_49400_9605.N1	11-AUG-2011 04:05:00	Dark	41.500	30	46Eps Ori	1.6940	30000.	83	49400	No
52	GOM_NL__2PRFIN20110811_040623_000000423105_00248_49400_9606.N1	11-AUG-2011 04:06:23	Dark	41.500	125	44Iot Ori	2.7700	30000.	83	49400	No
53	GOM_NL__2PRFIN20110811_040748_000000523105_00248_49400_9607.N1	11-AUG-2011 04:07:48	Dark	51.500	7	19Bet Ori	0.10000	14000.	103	49400	No
54	GOM_NL__2PRFIN20110811_040946_000000453105_00248_49400_9608.N1	11-AUG-2011 04:09:46	Dark	45.000	101	11Alp Lep	2.5820	7000.0	90	49400	No
55	GOM_NL__2PRFIN20110811_042303_000000513105_00249_49401_9599.N1	11-AUG-2011 04:23:03	Dark	50.500	157	The1Eri	2.9060	9300.0	101	49401	No
56	GOM_NL__2PRFIN20110811_042737_000000443105_00249_49401_9600.N1	11-AUG-2011 04:27:37	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49401	No
57	GOM_NL__2PRFIN20110811_043308_000000573105_00249_49401_9601.N1	11-AUG-2011 04:33:08	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	49401	No
58	GOM_NL__2PRFIN20110811_043711_000000423105_00249_49401_9602.N1	11-AUG-2011 04:37:11	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	49401	No
59	GOM_NL__2PRFIN20110811_044102_000000583105_00249_49401_9603.N1	11-AUG-2011 04:41:02	Twilight	57.500	18	24Alp PsA	1.1660	9700.0	115	49401	No
60	GOM_NL__2PRFIN20110811_044701_000000463105_00249_49401_9604.N1	11-AUG-2011 04:47:01	Bright	46.000	142	49Del Cap	2.8500	8900.0	92	49401	No
61	GOM_NL__2PRFIN20110811_045038_000000453105_00249_49401_9605.N1	11-AUG-2011 04:50:38	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49401	No
62	GOM_NL__2PRFIN20110811_045608_000000473105_00249_49401_9606.N1	11-AUG-2011 04:56:08	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	49401	No
63	GOM_NL__2PRFIN20110811_050229_000000583105_00249_49401_9607.N1	11-AUG-2011 05:02:29	Bright	58.000	92	53Eps Cyg	2.5000	4500.0	116	49401	No
64	GOM_NL__2PRFIN20110811_050358_000000403105_00249_49401_9608.N1	11-AUG-2011 05:03:58	Bright	39.500	66	37Gam Cyg	2.2080	5900.0	79	49401	No
65	GOM_NL__2PRFIN20110811_050540_000000403105_00249_49401_9609.N1	11-AUG-2011 05:05:40	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	49401	No
66	GOM_NL__2PRFIN20110811_051103_000000363105_00249_49401_9610.N1	11-AUG-2011 05:11:03	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	49401	No
67	GOM_NL__2PRFIN20110811_053023_000000463105_00249_49401_9611.N1	11-AUG-2011 05:30:23	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	49401	No
68	GOM_NL__2PRFIN20110811_053308_000000493105_00249_49401_9612.N1	11-AUG-2011 05:33:08	Bright	49.000	107	37The Aur	2.6490	11000.	98	49401	No
69	GOM_NL__2PRFIN20110811_053606_000000513105_00249_49401_9613.N1	11-AUG-2011 05:36:06	Twilight	50.500	28	12Bet Tau	1.6500	15200.	101	49401	No
70	GOM_NL__2PRFIN20110811_053822_000000453105_00249_49401_9614.N1	11-AUG-2011 05:38:22	Twilight	45.000	176	23Zet Tau	3.0200	22000.	90	49401	No
71	GOM_NL__2PRFIN20110811_054212_000000463105_00249_49401_9615.N1	11-AUG-2011 05:42:12	Dark	46.000	14	58Alp Ori	0.87000	3000.0	92	49401	No
72	GOM_NL__2PRFIN20110811_054514_000000473105_00249_49401_9616.N1	11-AUG-2011 05:45:14	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	49401	No
73	GOM_NL__2PRFIN20110811_054637_000000443105_00249_49401_9617.N1	11-AUG-2011 05:46:37	Dark	44.000	125	44Iot Ori	2.7700	30000.	88	49401	No
74	GOM_NL__2PRFIN20110811_054802_000000533105_00249_49401_9618.N1	11-AUG-2011 05:48:02	Dark	52.500	7	19Bet Ori	0.10000	14000.	105	49401	No
75	GOM_NL__2PRFIN20110811_055001_000000473105_00249_49401_9619.N1	11-AUG-2011 05:50:01	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	49401	No
76	GOM_NL__2PRFIN20110811_060318_000000513105_00250_49402_9612.N1	11-AUG-2011 06:03:18	Dark	51.000	157	The1Eri	2.9060	9300.0	102	49402	No
77	GOM_NL__2PRFIN20110811_060752_000000533105_00250_49402_9613.N1	11-AUG-2011 06:07:52	Dark	52.500	9	Alp Eri	0.45300	24000.	105	49402	No
78	GOM_NL__2PRFIN20110811_061323_000000553105_00250_49402_9614.N1	11-AUG-2011 06:13:23	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49402	No
79	GOM_NL__2PRFIN20110811_061725_000000453105_00250_49402_9615.N1	11-AUG-2011 06:17:25	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	49402	No
80	GOM_NL__2PRFIN20110811_062117_000000593105_00250_49402_9616.N1	11-AUG-2011 06:21:17	Twilight	58.500	18	24Alp PsA	1.1660	9700.0	117	49402	No
81	GOM_NL__2PRFIN20110811_062716_000000473105_00250_49402_9617.N1	11-AUG-2011 06:27:16	Bright	46.500	142	49Del Cap	2.8500	8900.0	93	49402	No
82	GOM_NL__2PRFIN20110811_063051_000000453105_00250_49402_9618.N1	11-AUG-2011 06:30:51	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49402	No
83	GOM_NL__2PRFIN20110811_063622_000000483105_00250_49402_9619.N1	11-AUG-2011 06:36:22	Bright	47.500	61	8Eps Peg	2.1000	3900.0	95	49402	No
84	GOM_NL__2PRFIN20110811_064243_000000413105_00250_49402_9620.N1	11-AUG-2011 06:42:43	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	49402	No
85	GOM_NL__2PRFIN20110811_064412_000000393105_00250_49402_9621.N1	11-AUG-2011 06:44:12	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	49402	No
86	GOM_NL__2PRFIN20110811_064554_000000403105_00250_49402_9622.N1	11-AUG-2011 06:45:54	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49402	No
87	GOM_NL__2PRFIN20110811_065117_000000393105_00250_49402_9623.N1	11-AUG-2011 06:51:17	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49402	No
88	GOM_NL__2PRFIN20110811_071037_000000463105_00250_49402_9624.N1	11-AUG-2011 07:10:37	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	49402	No
89	GOM_NL__2PRFIN20110811_071322_000000393105_00250_49402_9625.N1	11-AUG-2011 07:13:22	Bright	38.500	107	37The Aur	2.6490	11000.	77	49402	No
90	GOM_NL__2PRFIN20110811_071620_000000503105_00250_49402_9626.N1	11-AUG-2011 07:16:20	Twilight	49.500	28	12Bet Tau	1.6500	15200.	99	49402	No
91	GOM_NL__2PRFIN20110811_071836_000000413105_00250_49402_9627.N1	11-AUG-2011 07:18:36	Twilight	41.000	176	23Zet Tau	3.0200	22000.	82	49402	No
92	GOM_NL__2PRFIN20110811_072227_000000513105_00250_49402_9628.N1	11-AUG-2011 07:22:27	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	49402	No
93	GOM_NL__2PRFIN20110811_072529_000000473105_00250_49402_9629.N1	11-AUG-2011 07:25:29	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	49402	No
94	GOM_NL__2PRFIN20110811_072652_000000443105_00250_49402_9630.N1	11-AUG-2011 07:26:52	Dark	44.000	125	44Iot Ori	2.7700	30000.	88	49402	No
95	GOM_NL__2PRFIN20110811_072817_000000553105_00250_49402_9631.N1	11-AUG-2011 07:28:17	Dark	55.000	7	19Bet Ori	0.10000	14000.	110	49402	No
96	GOM_NL__2PRFIN20110811_073015_000000463105_00250_49402_9632.N1	11-AUG-2011 07:30:15	Dark	46.000	101	11Alp Lep	2.5820	7000.0	92	49402	No
97	GOM_NL__2PRFIN20110811_074333_000000503105_00251_49403_9661.N1	11-AUG-2011 07:43:33	Dark	50.000	157	The1Eri	2.9060	9300.0	100	49403	No
98	GOM_NL__2PRFIN20110811_074806_000000463105_00251_49403_9662.N1	11-AUG-2011 07:48:06	Dark	45.500	9	Alp Eri	0.45300	24000.	91	49403	No
99	GOM_NL__2PRFIN20110811_075338_000000653105_00251_49403_9663.N1	11-AUG-2011 07:53:38	Straylight	64.500	84	Alp Phe	2.3970	4500.0	129	49403	No
100	GOM_NL__2PRFIN20110811_075740_000000463105_00251_49403_9664.N1	11-AUG-2011 07:57:40	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	49403	No
101	GOM_NL__2PRFIN20110811_080131_000000583105_00251_49403_9665.N1	11-AUG-2011 08:01:31	Twilight	57.500	18	24Alp PsA	1.1660	9700.0	115	49403	No

102	GOM_NL__2PRFIN20110811_080730_000000453105_00251_49403_9666.N1	11-AUG-2011 08:07:30	Bright	45.000	142	49Del Cap	2.8500	8900.0	90	49403	No
103	GOM_NL__2PRFIN20110811_081106_000000453105_00251_49403_9667.N1	11-AUG-2011 08:11:06	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49403	No
104	GOM_NL__2PRFIN20110811_081635_000000473105_00251_49403_9668.N1	11-AUG-2011 08:16:35	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	49403	No
105	GOM_NL__2PRFIN20110811_082256_000000413105_00251_49403_9669.N1	11-AUG-2011 08:22:56	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	49403	No
106	GOM_NL__2PRFIN20110811_082426_000000403105_00251_49403_9670.N1	11-AUG-2011 08:24:26	Bright	40.000	66	37Gam Cyg	2.2080	5900.0	80	49403	No
107	GOM_NL__2PRFIN20110811_082608_000000403105_00251_49403_9671.N1	11-AUG-2011 08:26:08	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49403	No
108	GOM_NL__2PRFIN20110811_083130_000000393105_00251_49403_9672.N1	11-AUG-2011 08:31:30	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	49403	No
109	GOM_NL__2PRFIN20110811_085051_000000463105_00251_49403_9673.N1	11-AUG-2011 08:50:51	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	49403	No
110	GOM_NL__2PRFIN20110811_085336_000000393105_00251_49403_9674.N1	11-AUG-2011 08:53:36	Bright	39.000	107	37The Aur	2.6490	11000.	78	49403	No
111	GOM_NL__2PRFIN20110811_085635_000000493105_00251_49403_9675.N1	11-AUG-2011 08:56:35	Twi_and_stray	49.000	28	12Bet Tau	1.6500	15200.	98	49403	No
112	GOM_NL__2PRFIN20110811_085850_000000443105_00251_49403_9676.N1	11-AUG-2011 08:58:50	Twi_and_stray	44.000	176	23Zet Tau	3.0200	22000.	88	49403	No
113	GOM_NL__2PRFIN20110811_090241_000000573105_00251_49403_9677.N1	11-AUG-2011 09:02:41	Dark	57.000	14	58Alp Ori	0.87000	3000.0	114	49403	No
114	GOM_NL__2PRFIN20110811_090543_000000473105_00251_49403_9678.N1	11-AUG-2011 09:05:43	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	49403	No
115	GOM_NL__2PRFIN20110811_090706_000000453105_00251_49403_9679.N1	11-AUG-2011 09:07:06	Dark	45.000	125	44Iot Ori	2.7700	30000.	90	49403	No
116	GOM_NL__2PRFIN20110811_090832_000000533105_00251_49403_9680.N1	11-AUG-2011 09:08:32	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	49403	No
117	GOM_NL__2PRFIN20110811_091030_000000463105_00251_49403_9681.N1	11-AUG-2011 09:10:30	Dark	46.000	101	11Alp Lep	2.5820	7000.0	92	49403	No
118	GOM_NL__2PRFIN20110811_092348_000000503105_00252_49404_9697.N1	11-AUG-2011 09:23:48	Dark	50.000	157	The1Eri	2.9060	9300.0	100	49404	No
119	GOM_NL__2PRFIN20110811_092821_000000433105_00252_49404_9698.N1	11-AUG-2011 09:28:21	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49404	No
120	GOM_NL__2PRFIN20110811_093353_000000573105_00252_49404_9699.N1	11-AUG-2011 09:33:53	Straylight	56.500	84	Alp Phe	2.3970	4500.0	113	49404	No
121	GOM_NL__2PRFIN20110811_093754_000000423105_00252_49404_9700.N1	11-AUG-2011 09:37:54	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49404	No
122	GOM_NL__2PRFIN20110811_094146_000000593105_00252_49404_9701.N1	11-AUG-2011 09:41:46	Twi_and_stray	58.500	18	24Alp PsA	1.1660	9700.0	117	49404	No
123	GOM_NL__2PRFIN20110811_094744_000000463105_00252_49404_9702.N1	11-AUG-2011 09:47:44	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	49404	No
124	GOM_NL__2PRFIN20110811_095119_000000453105_00252_49404_9703.N1	11-AUG-2011 09:51:19	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49404	No
125	GOM_NL__2PRFIN20110811_095649_000000513105_00252_49404_9704.N1	11-AUG-2011 09:56:49	Bright	50.500	61	8Eps Peg	2.1000	3900.0	101	49404	No
126	GOM_NL__2PRFIN20110811_100310_000000403105_00252_49404_9705.N1	11-AUG-2011 10:03:10	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	49404	No
127	GOM_NL__2PRFIN20110811_100440_000000393105_00252_49404_9706.N1	11-AUG-2011 10:04:40	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	49404	No
128	GOM_NL__2PRFIN20110811_100621_000000413105_00252_49404_9707.N1	11-AUG-2011 10:06:21	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	49404	No
129	GOM_NL__2PRFIN20110811_101144_000000403105_00252_49404_9708.N1	11-AUG-2011 10:11:44	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49404	No
130	GOM_NL__2PRFIN20110811_103105_000000423105_00252_49404_9709.N1	11-AUG-2011 10:31:05	Bright	41.500	6	13Alp Aur	0.080000	3400.0	83	49404	No
131	GOM_NL__2PRFIN20110811_103350_000000383105_00252_49404_9710.N1	11-AUG-2011 10:33:50	Bright	37.500	107	37The Aur	2.6490	11000.	75	49404	No
132	GOM_NL__2PRFIN20110811_103649_000000473105_00252_49404_9711.N1	11-AUG-2011 10:36:49	Twi_and_stray	47.000	28	12Bet Tau	1.6500	15200.	94	49404	No
133	GOM_NL__2PRFIN20110811_103904_000000463105_00252_49404_9712.N1	11-AUG-2011 10:39:04	Twi_and_stray	46.000	176	23Zet Tau	3.0200	22000.	92	49404	No
134	GOM_NL__2PRFIN20110811_104255_000000463105_00252_49404_9713.N1	11-AUG-2011 10:42:55	Dark	46.000	14	58Alp Ori	0.87000	3000.0	92	49404	No
135	GOM_NL__2PRFIN20110811_104558_000000493105_00252_49404_9714.N1	11-AUG-2011 10:45:58	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	49404	No
136	GOM_NL__2PRFIN20110811_104721_000000463105_00252_49404_9715.N1	11-AUG-2011 10:47:21	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	49404	No
137	GOM_NL__2PRFIN20110811_104846_000000533105_00252_49404_9716.N1	11-AUG-2011 10:48:46	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	49404	No
138	GOM_NL__2PRFIN20110811_105044_000000463105_00252_49404_9717.N1	11-AUG-2011 10:50:44	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	49404	No
139	GOM_NL__2PRFIN20110811_110403_000000503105_00253_49405_9756.N1	11-AUG-2011 11:04:03	Dark	50.000	157	The1Eri	2.9060	9300.0	100	49405	No
140	GOM_NL__2PRFIN20110811_110835_000000453105_00253_49405_9757.N1	11-AUG-2011 11:08:35	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49405	No
141	GOM_NL__2PRFIN20110811_111408_000000553105_00253_49405_9758.N1	11-AUG-2011 11:14:08	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49405	No
142	GOM_NL__2PRFIN20110811_111808_000000423105_00253_49405_9759.N1	11-AUG-2011 11:18:08	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49405	No
143	GOM_NL__2PRFIN20110811_112200_000000583105_00253_49405_9760.N1	11-AUG-2011 11:22:00	Twi_and_stray	58.000	18	24Alp PsA	1.1660	9700.0	116	49405	No
144	GOM_NL__2PRFIN20110811_112758_000000463105_00253_49405_9761.N1	11-AUG-2011 11:27:58	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	49405	No
145	GOM_NL__2PRFIN20110811_113133_000000453105_00253_49405_9762.N1	11-AUG-2011 11:31:33	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49405	No
146	GOM_NL__2PRFIN20110811_113703_000000473105_00253_49405_9763.N1	11-AUG-2011 11:37:03	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	49405	No
147	GOM_NL__2PRFIN20110811_114324_000000393105_00253_49405_9764.N1	11-AUG-2011 11:43:24	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	49405	No
148	GOM_NL__2PRFIN20110811_114454_000000373105_00253_49405_9765.N1	11-AUG-2011 11:44:54	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	49405	No
149	GOM_NL__2PRFIN20110811_114635_000000403105_00253_49405_9766.N1	11-AUG-2011 11:46:35	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	49405	No
150	GOM_NL__2PRFIN20110811_115158_000000383105_00253_49405_9767.N1	11-AUG-2011 11:51:58	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	49405	No
151	GOM_NL__2PRFIN20110811_121118_000000483105_00253_49405_9768.N1	11-AUG-2011 12:11:18	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	49405	No
152	GOM_NL__2PRFIN20110811_121404_000000453105_00253_49405_9769.N1	11-AUG-2011 12:14:04	Bright	45.000	107	37The Aur	2.6490	11000.	90	49405	No
153	GOM_NL__2PRFIN20110811_121703_000000513105_00253_49405_9770.N1	11-AUG-2011 12:17:03	Twi_and_stray	50.500	28	12Bet Tau	1.6500	15200.	101	49405	No
154	GOM_NL__2PRFIN20110811_121919_000000453105_00253_49405_9771.N1	11-AUG-2011 12:19:19	Twi_and_stray	45.000	176	23Zet Tau	3.0200	22000.	90	49405	No
155	GOM_NL__2PRFIN20110811_122310_000000553105_00253_49405_9772.N1	11-AUG-2011 12:23:10	Dark	54.500	14	58Alp Ori	0.87000	3000.0	109	49405	No
156	GOM_NL__2PRFIN20110811_122612_000000503105_00253_49405_9773.N1	11-AUG-2011 12:26:12	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	49405	No
157	GOM_NL__2PRFIN20110811_122735_000000453105_00253_49405_9774.N1	11-AUG-2011 12:27:35	Dark	45.000	125	44Iot Ori	2.7700	30000.	90	49405	No
158	GOM_NL__2PRFIN20110811_122901_000000533105_00253_49405_9775.N1	11-AUG-2011 12:29:01	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	49405	No
159	GOM_NL__2PRFIN20110811_123059_000000463105_00253_49405_9776.N1	11-AUG-2011 12:30:59	Dark	46.000	101	11Alp Lep	2.5820	7000.0	92	49405	No
160	GOM_NL__2PRFIN20110811_124418_000000503105_00254_49406_9791.N1	11-AUG-2011 12:44:18	Dark	50.000	157	The1Eri	2.9060	9300.0	100	49406	No

161	GOM_NL__2PRFIN20110811_124850_000000463105_00254_49406_9792.N1	11-AUG-2011 12:48:50	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49406	No
162	GOM_NL__2PRFIN20110811_125423_000000553105_00254_49406_9793.N1	11-AUG-2011 12:54:23	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49406	No
163	GOM_NL__2PRFIN20110811_125823_000000423105_00254_49406_9794.N1	11-AUG-2011 12:58:23	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	49406	No
164	GOM_NL__2PRFIN20110811_130215_000000563105_00254_49406_9795.N1	11-AUG-2011 13:02:15	Tw_i_and_stray	55.500	18	24Alp PsA	1.1660	9700.0	111	49406	No
165	GOM_NL__2PRFIN20110811_130812_000000463105_00254_49406_9796.N1	11-AUG-2011 13:08:12	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	49406	No
166	GOM_NL__2PRFIN20110811_131147_000000453105_00254_49406_9797.N1	11-AUG-2011 13:11:47	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49406	No
167	GOM_NL__2PRFIN20110811_131716_000000513105_00254_49406_9798.N1	11-AUG-2011 13:17:16	Bright	50.500	61	8Eps Peg	2.1000	3900.0	101	49406	No
168	GOM_NL__2PRFIN20110811_132337_000000383105_00254_49406_9799.N1	11-AUG-2011 13:23:37	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	49406	No
169	GOM_NL__2PRFIN20110811_132507_000000373105_00254_49406_9800.N1	11-AUG-2011 13:25:07	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	49406	No
170	GOM_NL__2PRFIN20110811_132649_000000413105_00254_49406_9801.N1	11-AUG-2011 13:26:49	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	49406	No
171	GOM_NL__2PRFIN20110811_133211_000000403105_00254_49406_9802.N1	11-AUG-2011 13:32:11	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49406	No
172	GOM_NL__2PRFIN20110811_135132_000000453105_00254_49406_9803.N1	11-AUG-2011 13:51:32	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	49406	No
173	GOM_NL__2PRFIN20110811_135418_000000403105_00254_49406_9804.N1	11-AUG-2011 13:54:18	Bright	39.500	107	37The Aur	2.6490	11000.	79	49406	No
174	GOM_NL__2PRFIN20110811_135717_000000513105_00254_49406_9805.N1	11-AUG-2011 13:57:17	Tw_i_and_stray	50.500	28	12Bet Tau	1.6500	15200.	101	49406	No
175	GOM_NL__2PRFIN20110811_135933_000000463105_00254_49406_9806.N1	11-AUG-2011 13:59:33	Tw_i_and_stray	45.500	176	23Zet Tau	3.0200	22000.	91	49406	No
176	GOM_NL__2PRFIN20110811_140324_000000523105_00254_49406_9807.N1	11-AUG-2011 14:03:24	Dark	51.500	14	58Alp Ori	0.87000	3000.0	103	49406	No
177	GOM_NL__2PRFIN20110811_140627_000000473105_00254_49406_9808.N1	11-AUG-2011 14:06:27	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	49406	No
178	GOM_NL__2PRFIN20110811_140750_000000453105_00254_49406_9809.N1	11-AUG-2011 14:07:50	Dark	45.000	125	44Iot Ori	2.7700	30000.	90	49406	No
179	GOM_NL__2PRFIN20110811_140916_000000523105_00254_49406_9810.N1	11-AUG-2011 14:09:16	Dark	52.000	7	19Bet Ori	0.10000	14000.	104	49406	No
180	GOM_NL__2PRFIN20110811_141113_000000433105_00254_49406_9811.N1	11-AUG-2011 14:11:13	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	49406	No
181	GOM_NL__2PRFIN20110811_142434_000000503105_00255_49407_9868.N1	11-AUG-2011 14:24:34	Dark	49.500	157	The1Eri	2.9060	9300.0	99	49407	No
182	GOM_NL__2PRFIN20110811_142905_000000443105_00255_49407_9869.N1	11-AUG-2011 14:29:05	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49407	No
183	GOM_NL__2PRFIN20110811_143438_000000553105_00255_49407_9870.N1	11-AUG-2011 14:34:38	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49407	No
184	GOM_NL__2PRFIN20110811_143837_000000423105_00255_49407_9871.N1	11-AUG-2011 14:38:37	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49407	No
185	GOM_NL__2PRFIN20110811_144229_000000583105_00255_49407_9872.N1	11-AUG-2011 14:42:29	Tw_i_and_stray	58.000	18	24Alp PsA	1.1660	9700.0	116	49407	No
186	GOM_NL__2PRFIN20110811_144826_000000453105_00255_49407_9873.N1	11-AUG-2011 14:48:26	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	49407	No
187	GOM_NL__2PRFIN20110811_145201_000000443105_00255_49407_9874.N1	11-AUG-2011 14:52:01	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	49407	No
188	GOM_NL__2PRFIN20110811_145730_000000483105_00255_49407_9875.N1	11-AUG-2011 14:57:30	Bright	47.500	61	8Eps Peg	2.1000	3900.0	95	49407	No
189	GOM_NL__2PRFIN20110811_150351_000000393105_00255_49407_9876.N1	11-AUG-2011 15:03:51	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49407	No
190	GOM_NL__2PRFIN20110811_150521_000000373105_00255_49407_9877.N1	11-AUG-2011 15:05:21	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	49407	No
191	GOM_NL__2PRFIN20110811_150702_000000403105_00255_49407_9878.N1	11-AUG-2011 15:07:02	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49407	No
192	GOM_NL__2PRFIN20110811_151225_000000403105_00255_49407_9879.N1	11-AUG-2011 15:12:25	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49407	No
193	GOM_NL__2PRFIN20110811_153146_000000503105_00255_49407_9880.N1	11-AUG-2011 15:31:46	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	49407	No
194	GOM_NL__2PRFIN20110811_153432_000000383105_00255_49407_9881.N1	11-AUG-2011 15:34:32	Bright	38.000	107	37The Aur	2.6490	11000.	76	49407	No
195	GOM_NL__2PRFIN20110811_153731_000000503105_00255_49407_9882.N1	11-AUG-2011 15:37:31	Tw_i_and_stray	50.000	28	12Bet Tau	1.6500	15200.	100	49407	No
196	GOM_NL__2PRFIN20110811_153947_000000453105_00255_49407_9883.N1	11-AUG-2011 15:39:47	Tw_i_and_stray	45.000	176	23Zet Tau	3.0200	22000.	90	49407	No
197	GOM_NL__2PRFIN20110811_154339_000000533105_00255_49407_9884.N1	11-AUG-2011 15:43:39	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	49407	No
198	GOM_NL__2PRFIN20110811_154641_000000503105_00255_49407_9885.N1	11-AUG-2011 15:46:41	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	49407	No
199	GOM_NL__2PRFIN20110811_154804_000000453105_00255_49407_9886.N1	11-AUG-2011 15:48:04	Dark	44.500	125	44Iot Ori	2.7700	30000.	89	49407	No
200	GOM_NL__2PRFIN20110811_154931_000000533105_00255_49407_9887.N1	11-AUG-2011 15:49:31	Dark	52.500	7	19Bet Ori	0.10000	14000.	105	49407	No
201	GOM_NL__2PRFIN20110811_155128_000000443105_00255_49407_9888.N1	11-AUG-2011 15:51:28	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	49407	No
202	GOM_NL__2PRFIN20110811_160449_000000493105_00256_49408_9882.N1	11-AUG-2011 16:04:49	Dark	48.500	157	The1Eri	2.9060	9300.0	97	49408	No
203	GOM_NL__2PRFIN20110811_160920_000000463105_00256_49408_9883.N1	11-AUG-2011 16:09:20	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49408	No
204	GOM_NL__2PRFIN20110811_161452_000000533105_00256_49408_9884.N1	11-AUG-2011 16:14:52	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	49408	No
205	GOM_NL__2PRFIN20110811_161852_000000423105_00256_49408_9885.N1	11-AUG-2011 16:18:52	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49408	No
206	GOM_NL__2PRFIN20110811_162244_000000593105_00256_49408_9886.N1	11-AUG-2011 16:22:44	Tw_i_and_stray	59.000	18	24Alp PsA	1.1660	9700.0	118	49408	No
207	GOM_NL__2PRFIN20110811_162840_000000463105_00256_49408_9887.N1	11-AUG-2011 16:28:40	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	49408	No
208	GOM_NL__2PRFIN20110811_163215_000000433105_00256_49408_9888.N1	11-AUG-2011 16:32:15	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	49408	No
209	GOM_NL__2PRFIN20110811_163743_000000483105_00256_49408_9889.N1	11-AUG-2011 16:37:43	Bright	47.500	61	8Eps Peg	2.1000	3900.0	95	49408	No
210	GOM_NL__2PRFIN20110811_164405_000000403105_00256_49408_9890.N1	11-AUG-2011 16:44:05	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	49408	No
211	GOM_NL__2PRFIN20110811_164535_000000363105_00256_49408_9891.N1	11-AUG-2011 16:45:35	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	49408	No
212	GOM_NL__2PRFIN20110811_164716_000000403105_00256_49408_9892.N1	11-AUG-2011 16:47:16	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49408	No
213	GOM_NL__2PRFIN20110811_165239_000000403105_00256_49408_9893.N1	11-AUG-2011 16:52:39	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49408	No
214	GOM_NL__2PRFIN20110811_171200_000000483105_00256_49408_9894.N1	11-AUG-2011 17:12:00	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	49408	No
215	GOM_NL__2PRFIN20110811_171446_000000383105_00256_49408_9895.N1	11-AUG-2011 17:14:46	Bright	37.500	107	37The Aur	2.6490	11000.	75	49408	No
216	GOM_NL__2PRFIN20110811_171745_000000503105_00256_49408_9896.N1	11-AUG-2011 17:17:45	Tw_i_and_stray	50.000	28	12Bet Tau	1.6500	15200.	100	49408	No
217	GOM_NL__2PRFIN20110811_172002_000000453105_00256_49408_9897.N1	11-AUG-2011 17:20:02	Tw_i_and_stray	44.500	176	23Zet Tau	3.0200	22000.	89	49408	No
218	GOM_NL__2PRFIN20110811_172353_000000493105_00256_49408_9898.N1	11-AUG-2011 17:23:53	Dark	49.000	14	58Alp Ori	0.87000	3000.0	98	49408	No
219	GOM_NL__2PRFIN20110811_172656_000000483105_00256_49408_9899.N1	11-AUG-2011 17:26:56	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	49408	No

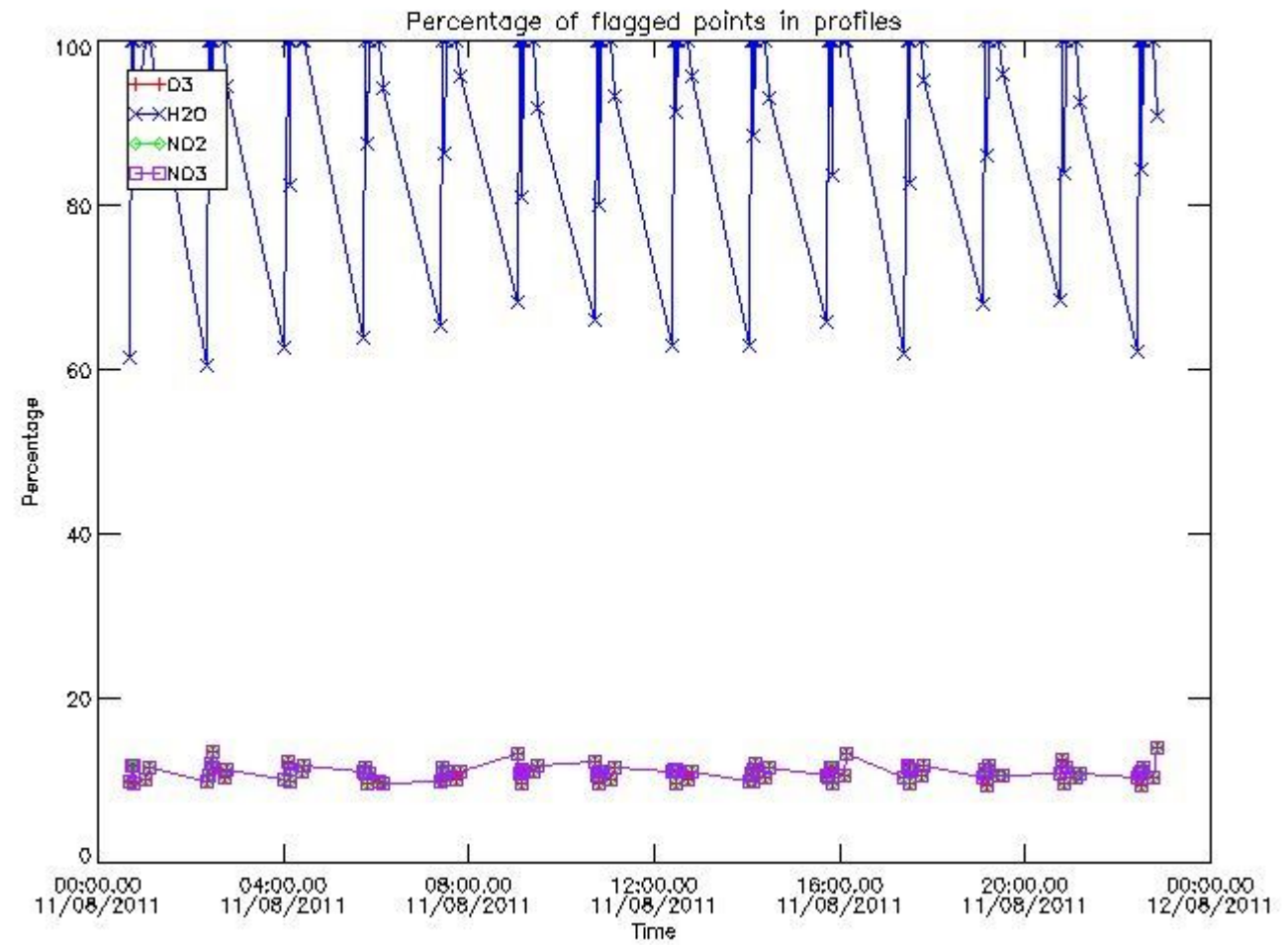
220	GOM_NL__2PRFIN20110811_172819_000000453105_00256_49408_9900.N1	11-AUG-2011 17:28:19	Dark	44.500	125	44lot Ori	2.7700	30000.	89	49408	No
221	GOM_NL__2PRFIN20110811_172945_000000533105_00256_49408_9901.N1	11-AUG-2011 17:29:45	Dark	52.500	7	19Bet Ori	0.10000	14000.	105	49408	No
222	GOM_NL__2PRFIN20110811_173143_000000453105_00256_49408_9902.N1	11-AUG-2011 17:31:43	Dark	45.000	101	11Alp Lep	2.5820	7000.0	90	49408	No
223	GOM_NL__2PRFIN20110811_174504_000000493105_00257_49409_9905.N1	11-AUG-2011 17:45:04	Dark	48.500	157	The1Eri	2.9060	9300.0	97	49409	No
224	GOM_NL__2PRFIN20110811_174934_000000433105_00257_49409_9906.N1	11-AUG-2011 17:49:34	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49409	No
225	GOM_NL__2PRFIN20110811_175508_000000523105_00257_49409_9907.N1	11-AUG-2011 17:55:08	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	49409	No
226	GOM_NL__2PRFIN20110811_175906_000000423105_00257_49409_9908.N1	11-AUG-2011 17:59:06	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	49409	No
227	GOM_NL__2PRFIN20110811_180258_000000583105_00257_49409_9909.N1	11-AUG-2011 18:02:58	Twilight_and_stray	57.500	18	24Alp PsA	1.1660	9700.0	115	49409	No
228	GOM_NL__2PRFIN20110811_180854_000000483105_00257_49409_9910.N1	11-AUG-2011 18:08:54	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	49409	No
229	GOM_NL__2PRFIN20110811_181229_000000443105_00257_49409_9911.N1	11-AUG-2011 18:12:29	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	49409	No
230	GOM_NL__2PRFIN20110811_181757_000000483105_00257_49409_9912.N1	11-AUG-2011 18:17:57	Bright	48.000	61	8Eps Peg	2.1000	3900.0	96	49409	No
231	GOM_NL__2PRFIN20110811_182419_000000403105_00257_49409_9913.N1	11-AUG-2011 18:24:19	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	49409	No
232	GOM_NL__2PRFIN20110811_182549_000000383105_00257_49409_9914.N1	11-AUG-2011 18:25:49	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	49409	No
233	GOM_NL__2PRFIN20110811_182730_000000403105_00257_49409_9915.N1	11-AUG-2011 18:27:30	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	49409	No
234	GOM_NL__2PRFIN20110811_183252_000000393105_00257_49409_9916.N1	11-AUG-2011 18:32:52	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	49409	No
235	GOM_NL__2PRFIN20110811_185214_000000473105_00257_49409_9917.N1	11-AUG-2011 18:52:14	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	49409	No
236	GOM_NL__2PRFIN20110811_185500_000000383105_00257_49409_9918.N1	11-AUG-2011 18:55:00	Bright	37.500	107	37The Aur	2.6490	11000.	75	49409	No
237	GOM_NL__2PRFIN20110811_185759_000000493105_00257_49409_9919.N1	11-AUG-2011 18:57:59	Twilight_and_stray	48.500	28	12Bet Tau	1.6500	15200.	97	49409	No
238	GOM_NL__2PRFIN20110811_190016_000000463105_00257_49409_9920.N1	11-AUG-2011 19:00:16	Twilight_and_stray	45.500	176	23Zet Tau	3.0200	22000.	91	49409	No
239	GOM_NL__2PRFIN20110811_190407_000000493105_00257_49409_9921.N1	11-AUG-2011 19:04:07	Dark	49.000	14	58Alp Ori	0.87000	3000.0	98	49409	No
240	GOM_NL__2PRFIN20110811_190710_000000473105_00257_49409_9922.N1	11-AUG-2011 19:07:10	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	49409	No
241	GOM_NL__2PRFIN20110811_190834_000000453105_00257_49409_9923.N1	11-AUG-2011 19:08:34	Dark	45.000	125	44lot Ori	2.7700	30000.	90	49409	No
242	GOM_NL__2PRFIN20110811_191000_000000553105_00257_49409_9924.N1	11-AUG-2011 19:10:00	Dark	54.500	7	19Bet Ori	0.10000	14000.	109	49409	No
243	GOM_NL__2PRFIN20110811_191158_000000443105_00257_49409_9925.N1	11-AUG-2011 19:11:58	Dark	43.500	101	11Alp Lep	2.5820	7000.0	87	49409	No
244	GOM_NL__2PRFIN20110811_192519_000000493105_00258_49410_9938.N1	11-AUG-2011 19:25:19	Dark	48.500	157	The1Eri	2.9060	9300.0	97	49410	No
245	GOM_NL__2PRFIN20110811_192949_000000493105_00258_49410_9939.N1	11-AUG-2011 19:29:49	Dark	48.500	9	Alp Eri	0.45300	24000.	97	49410	No
246	GOM_NL__2PRFIN20110811_193522_000000513105_00258_49410_9940.N1	11-AUG-2011 19:35:22	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	49410	No
247	GOM_NL__2PRFIN20110811_193921_000000413105_00258_49410_9941.N1	11-AUG-2011 19:39:21	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	49410	No
248	GOM_NL__2PRFIN20110811_194313_000000573105_00258_49410_9942.N1	11-AUG-2011 19:43:13	Twilight_and_stray	56.500	18	24Alp PsA	1.1660	9700.0	113	49410	No
249	GOM_NL__2PRFIN20110811_194908_000000453105_00258_49410_9943.N1	11-AUG-2011 19:49:08	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	49410	No
250	GOM_NL__2PRFIN20110811_195243_000000443105_00258_49410_9944.N1	11-AUG-2011 19:52:43	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	49410	No
251	GOM_NL__2PRFIN20110811_195811_000000473105_00258_49410_9945.N1	11-AUG-2011 19:58:11	Bright	46.500	61	8Eps Peg	2.1000	3900.0	93	49410	No
252	GOM_NL__2PRFIN20110811_200433_000000383105_00258_49410_9946.N1	11-AUG-2011 20:04:33	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	49410	No
253	GOM_NL__2PRFIN20110811_200603_000000383105_00258_49410_9947.N1	11-AUG-2011 20:06:03	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	49410	No
254	GOM_NL__2PRFIN20110811_200744_000000403105_00258_49410_9948.N1	11-AUG-2011 20:07:44	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49410	No
255	GOM_NL__2PRFIN20110811_201306_000000403105_00258_49410_9949.N1	11-AUG-2011 20:13:06	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49410	No
256	GOM_NL__2PRFIN20110811_203228_000000493105_00258_49410_9950.N1	11-AUG-2011 20:32:28	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	49410	No
257	GOM_NL__2PRFIN20110811_203514_000000383105_00258_49410_9951.N1	11-AUG-2011 20:35:14	Bright	38.000	107	37The Aur	2.6490	11000.	76	49410	No
258	GOM_NL__2PRFIN20110811_203814_000000503105_00258_49410_9952.N1	11-AUG-2011 20:38:14	Twilight_and_stray	50.000	28	12Bet Tau	1.6500	15200.	100	49410	No
259	GOM_NL__2PRFIN20110811_204030_000000463105_00258_49410_9953.N1	11-AUG-2011 20:40:30	Twilight_and_stray	45.500	176	23Zet Tau	3.0200	22000.	91	49410	No
260	GOM_NL__2PRFIN20110811_204422_000000473105_00258_49410_9954.N1	11-AUG-2011 20:44:22	Dark	46.500	14	58Alp Ori	0.87000	3000.0	93	49410	No
261	GOM_NL__2PRFIN20110811_204725_000000483105_00258_49410_9955.N1	11-AUG-2011 20:47:25	Dark	48.000	30	46Eps Ori	1.6940	30000.	96	49410	No
262	GOM_NL__2PRFIN20110811_204848_000000453105_00258_49410_9956.N1	11-AUG-2011 20:48:48	Dark	45.000	125	44lot Ori	2.7700	30000.	90	49410	No
263	GOM_NL__2PRFIN20110811_205015_000000533105_00258_49410_9957.N1	11-AUG-2011 20:50:15	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	49410	No
264	GOM_NL__2PRFIN20110811_205212_000000443105_00258_49410_9958.N1	11-AUG-2011 20:52:12	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	49410	No
265	GOM_NL__2PRFIN20110811_210534_000000493105_00259_49411_9968.N1	11-AUG-2011 21:05:34	Dark	49.000	157	The1Eri	2.9060	9300.0	98	49411	No
266	GOM_NL__2PRFIN20110811_211004_000000473105_00259_49411_9969.N1	11-AUG-2011 21:10:04	Dark	47.000	9	Alp Eri	0.45300	24000.	94	49411	No
267	GOM_NL__2PRFIN20110811_211537_000000613105_00259_49411_9970.N1	11-AUG-2011 21:15:37	Straylight	61.000	84	Alp Phe	2.3970	4500.0	122	49411	No
268	GOM_NL__2PRFIN20110811_211935_000000433105_00259_49411_9971.N1	11-AUG-2011 21:19:35	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	49411	No
269	GOM_NL__2PRFIN20110811_212327_000000583105_00259_49411_9972.N1	11-AUG-2011 21:23:27	Twilight_and_stray	58.000	18	24Alp PsA	1.1660	9700.0	116	49411	No
270	GOM_NL__2PRFIN20110811_212922_000000463105_00259_49411_9973.N1	11-AUG-2011 21:29:22	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	49411	No
271	GOM_NL__2PRFIN20110811_213257_000000453105_00259_49411_9974.N1	11-AUG-2011 21:32:57	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49411	No
272	GOM_NL__2PRFIN20110811_213824_000000473105_00259_49411_9975.N1	11-AUG-2011 21:38:24	Bright	46.500	61	8Eps Peg	2.1000	3900.0	93	49411	No
273	GOM_NL__2PRFIN20110811_214446_000000383105_00259_49411_9976.N1	11-AUG-2011 21:44:46	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	49411	No
274	GOM_NL__2PRFIN20110811_214617_000000373105_00259_49411_9977.N1	11-AUG-2011 21:46:17	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	49411	No
275	GOM_NL__2PRFIN20110811_214757_000000383105_00259_49411_9978.N1	11-AUG-2011 21:47:57	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	49411	No
276	GOM_NL__2PRFIN20110811_215320_000000403105_00259_49411_9979.N1	11-AUG-2011 21:53:20	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49411	No
277	GOM_NL__2PRFIN20110811_221242_000000463105_00259_49411_9980.N1	11-AUG-2011 22:12:42	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	49411	No
278	GOM_NL__2PRFIN20110811_221529_000000443105_00259_49411_9981.N1	11-AUG-2011 22:15:29	Bright	44.000	107	37The Aur	2.6490	11000.	88	49411	No

279	GOM_NL__2PRFIN20110811_221828_000000503105_00259_49411_9982.N1	11-AUG-2011 22:18:28	Twilight	50.000	28	12Bet Tau	1.6500	15200.	100	49411	No
280	GOM_NL__2PRFIN20110811_222044_000000443105_00259_49411_9983.N1	11-AUG-2011 22:20:44	Twilight	44.000	176	23Zet Tau	3.0200	22000.	88	49411	No
281	GOM_NL__2PRFIN20110811_222436_000000503105_00259_49411_9984.N1	11-AUG-2011 22:24:36	Dark	49.500	14	58Alp Ori	0.87000	3000.0	99	49411	No
282	GOM_NL__2PRFIN20110811_222739_000000483105_00259_49411_9985.N1	11-AUG-2011 22:27:39	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	49411	No
283	GOM_NL__2PRFIN20110811_222903_000000463105_00259_49411_9986.N1	11-AUG-2011 22:29:03	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	49411	No
284	GOM_NL__2PRFIN20110811_223029_000000553105_00259_49411_9987.N1	11-AUG-2011 22:30:29	Dark	54.500	7	19Bet Ori	0.10000	14000.	109	49411	No
285	GOM_NL__2PRFIN20110811_223227_000000453105_00259_49411_9988.N1	11-AUG-2011 22:32:27	Dark	44.500	101	11Alp Lep	2.5820	7000.0	89	49411	No
286	GOM_NL__2PRFIN20110811_224549_000000503105_00260_49412_9987.N1	11-AUG-2011 22:45:49	Dark	49.500	157	The1Eri	2.9060	9300.0	99	49412	No
287	GOM_NL__2PRFIN20110811_225018_000000443105_00260_49412_9988.N1	11-AUG-2011 22:50:18	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49412	No
288	GOM_NL__2PRFIN20110811_225552_000000543105_00260_49412_9989.N1	11-AUG-2011 22:55:52	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49412	No
289	GOM_NL__2PRFIN20110811_225949_000000403105_00260_49412_9990.N1	11-AUG-2011 22:59:49	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	49412	No
290	GOM_NL__2PRFIN20110811_230341_000000593105_00260_49412_9991.N1	11-AUG-2011 23:03:41	Twilight	59.000	18	24Alp PsA	1.1660	9700.0	118	49412	No
291	GOM_NL__2PRFIN20110811_230937_000000483105_00260_49412_9992.N1	11-AUG-2011 23:09:37	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	49412	No
292	GOM_NL__2PRFIN20110811_231311_000000453105_00260_49412_9993.N1	11-AUG-2011 23:13:11	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49412	No
293	GOM_NL__2PRFIN20110811_231838_000000493105_00260_49412_9994.N1	11-AUG-2011 23:18:38	Bright	48.500	61	8Eps Peg	2.1000	3900.0	97	49412	No
294	GOM_NL__2PRFIN20110811_232500_000000463105_00260_49412_9995.N1	11-AUG-2011 23:25:00	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	49412	No
295	GOM_NL__2PRFIN20110811_232630_000000393105_00260_49412_9996.N1	11-AUG-2011 23:26:30	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	49412	No
296	GOM_NL__2PRFIN20110811_232811_000000563105_00260_49412_9997.N1	11-AUG-2011 23:28:11	Bright	56.000	19	50Alp Cyg	1.2460	10500.	112	49412	No
297	GOM_NL__2PRFIN20110811_233334_000000403105_00260_49412_9998.N1	11-AUG-2011 23:33:34	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49412	No
298	GOM_NL__2PRFIN20110811_235256_000000493105_00260_49412_9999.N1	11-AUG-2011 23:52:56	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	49412	No
299	GOM_NL__2PRFIN20110811_235542_000000383105_00260_49412_0000.N1	11-AUG-2011 23:55:42	Bright	38.000	107	37The Aur	2.6490	11000.	76	49412	No
300	GOM_NL__2PRFIN20110811_235842_000000513105_00260_49412_0001.N1	11-AUG-2011 23:58:42	Twilight	51.000	28	12Bet Tau	1.6500	15200.	102	49412	No

3. Quality information per product

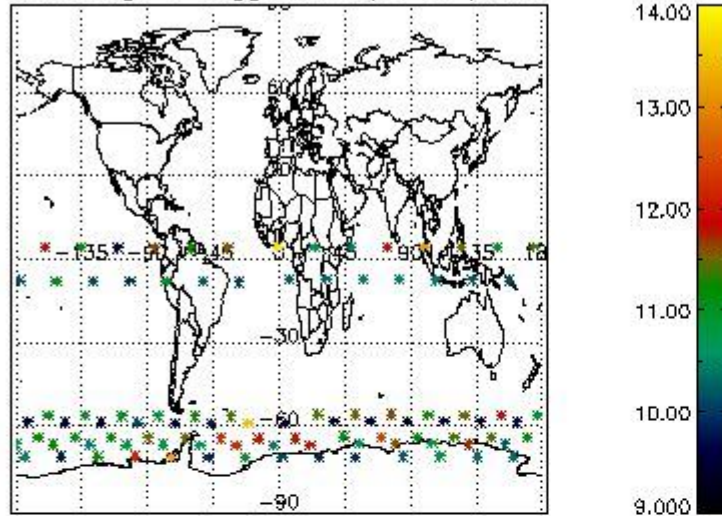
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

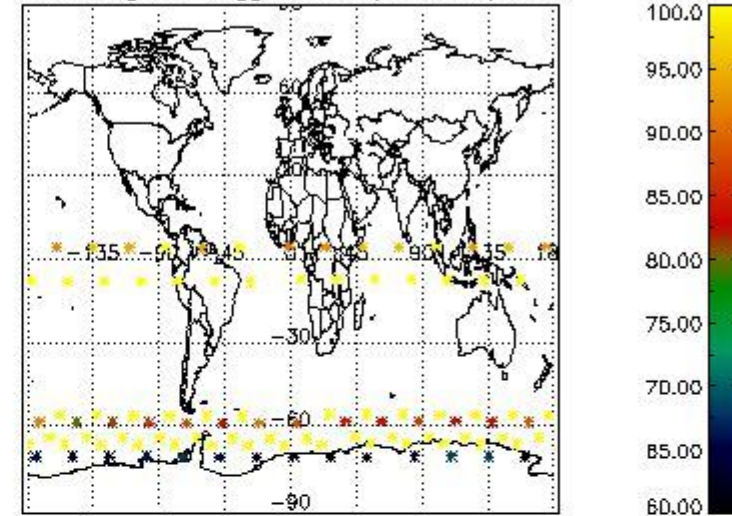


3.2 Plot quality information per product (world map)

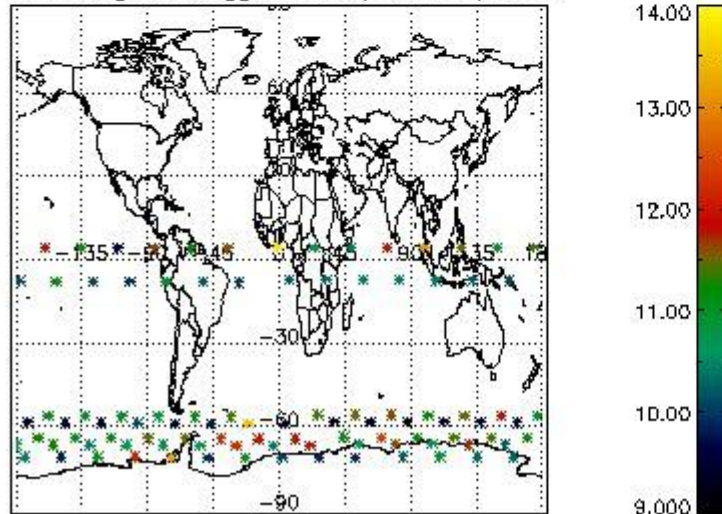
Percentage of flagged data per O3 profile



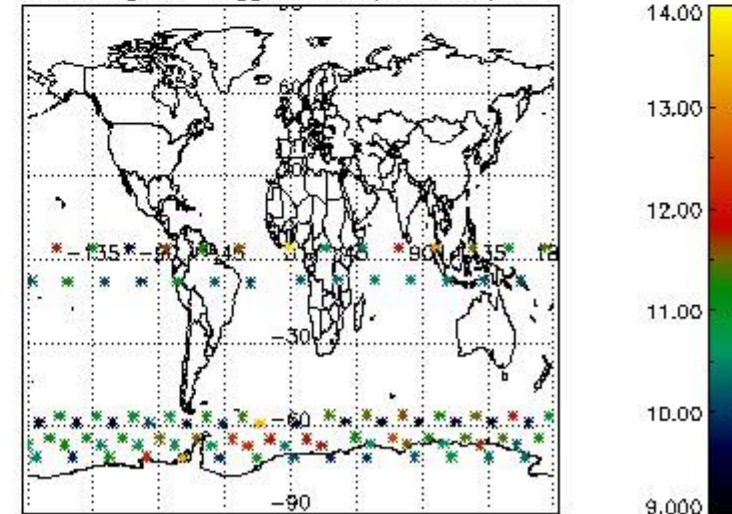
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

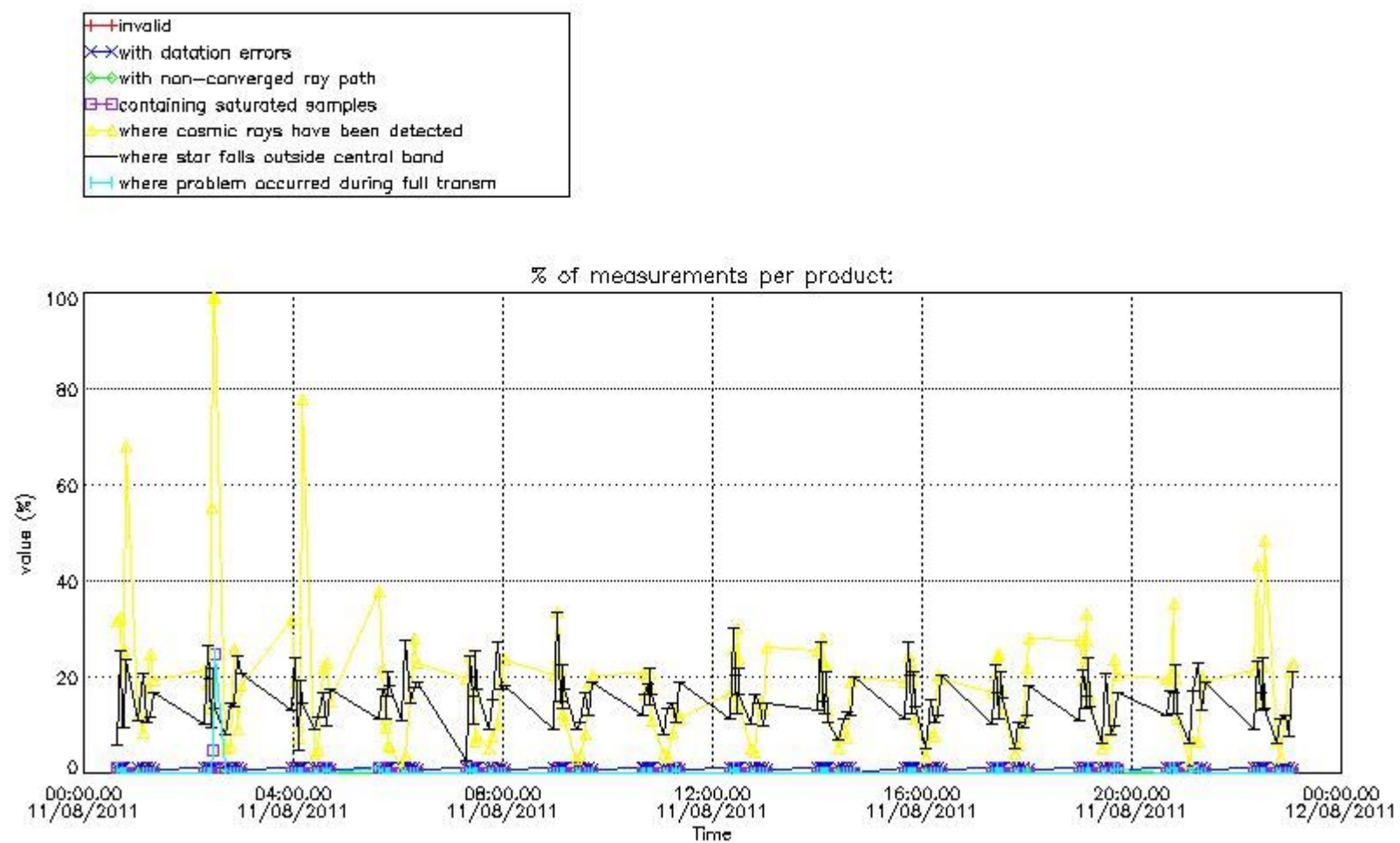


4. Level 1 quality information per product

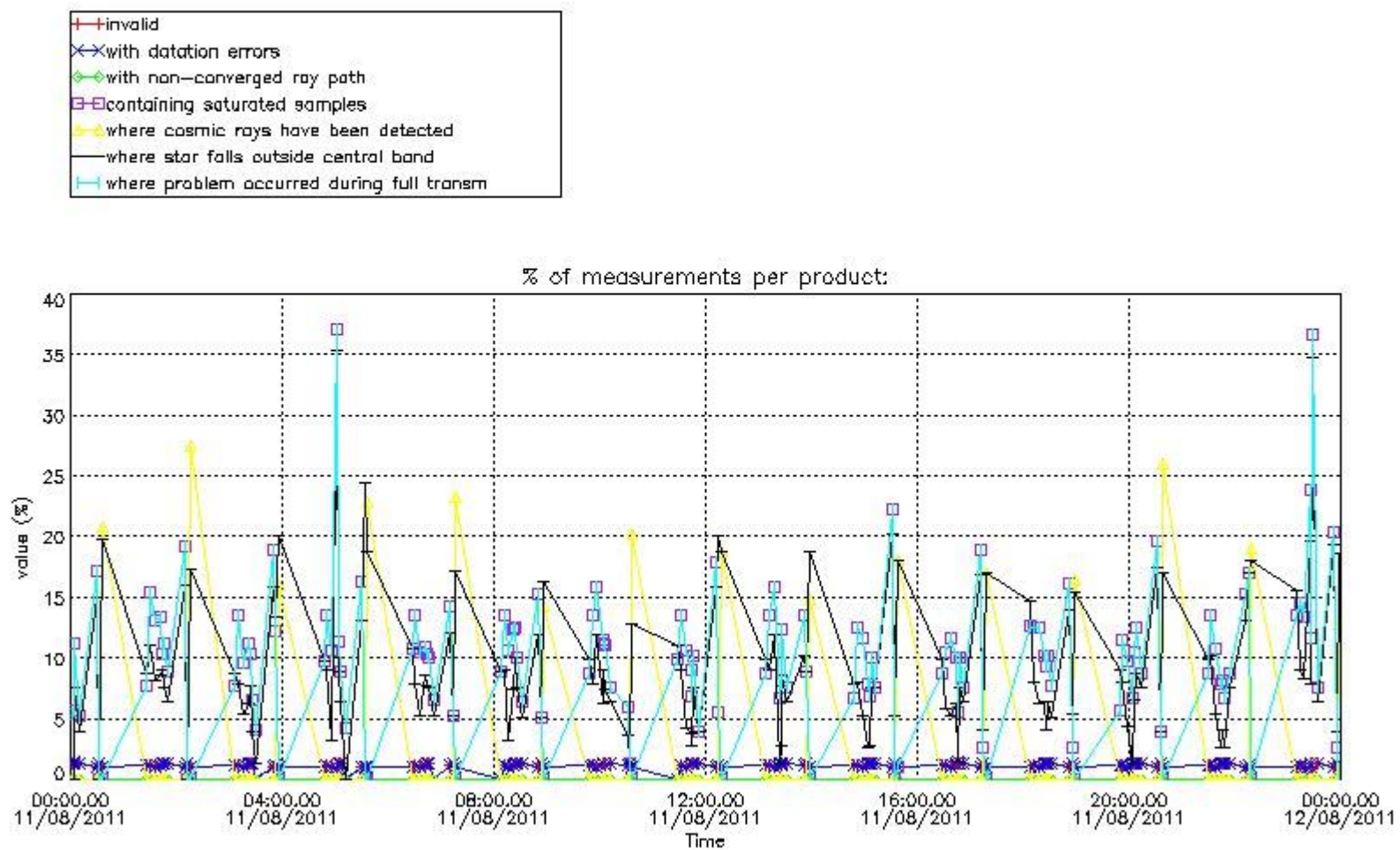
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

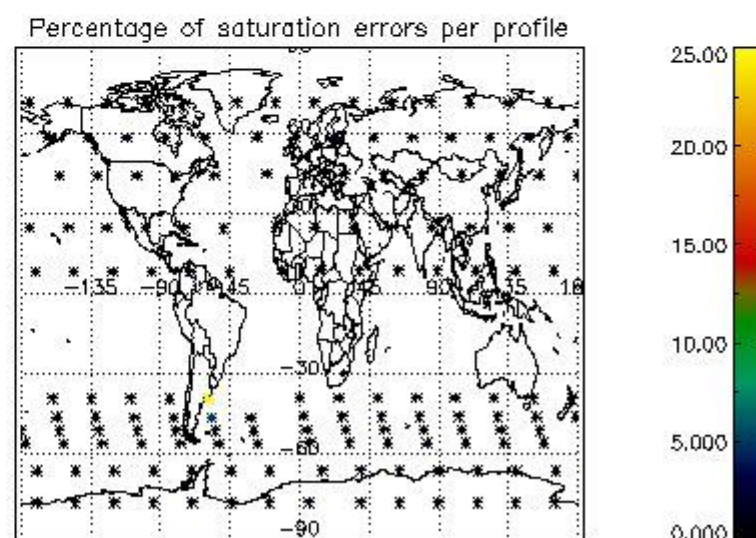
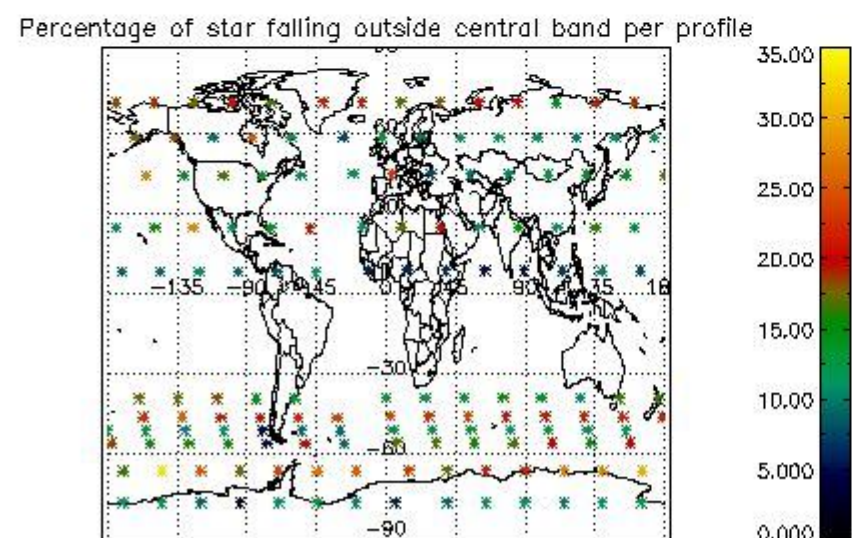
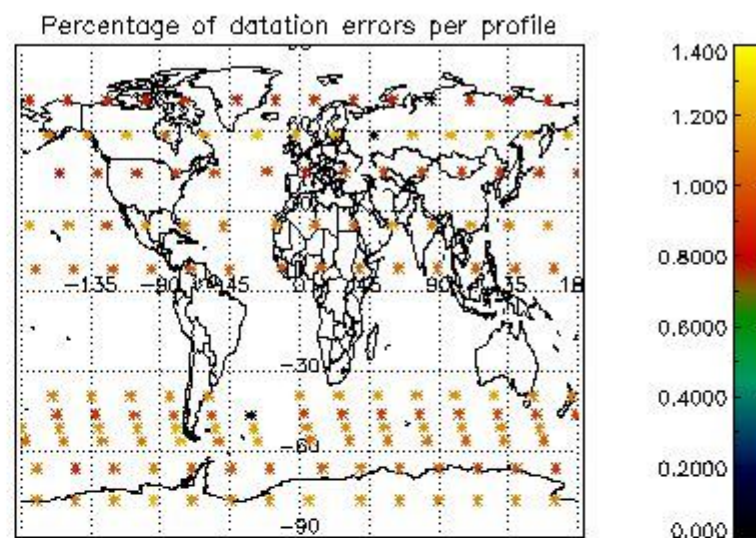
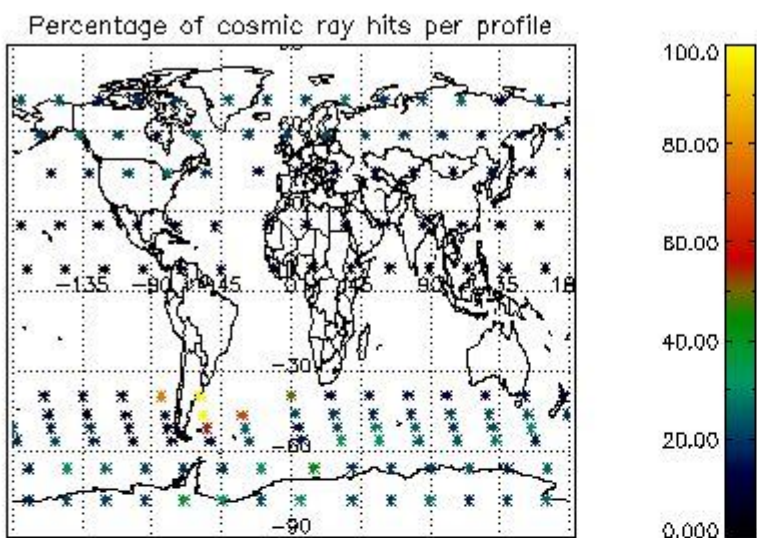


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

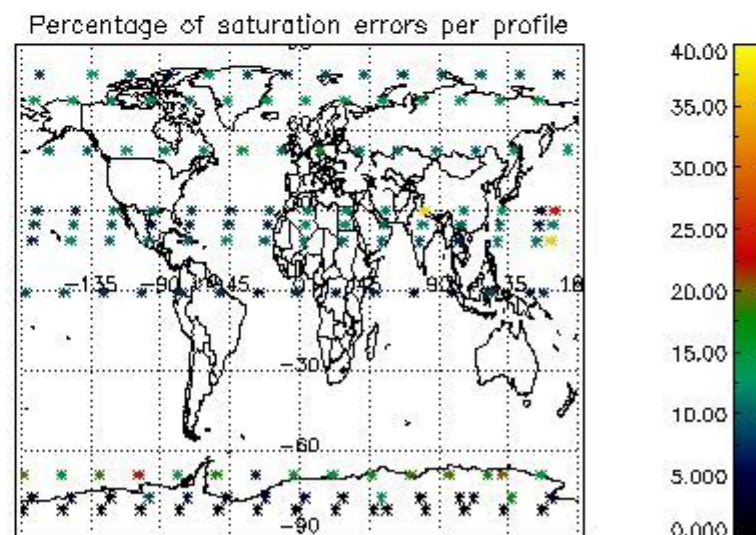
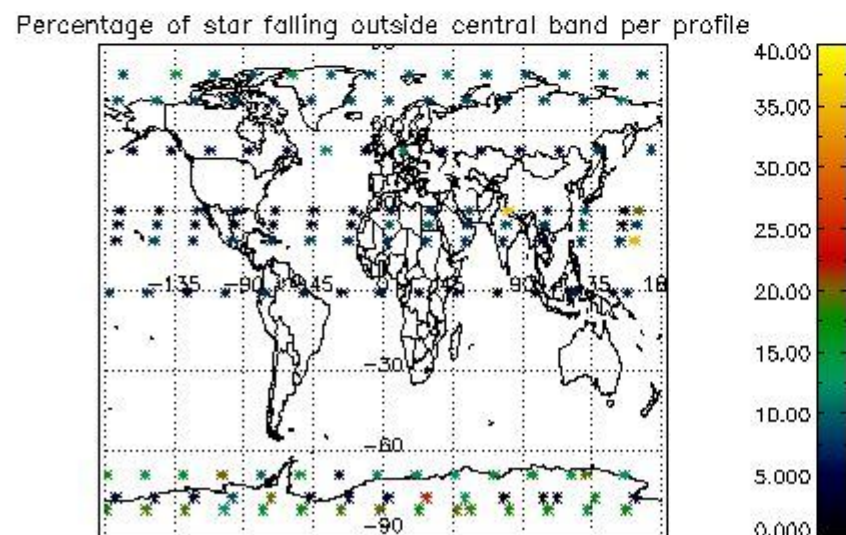
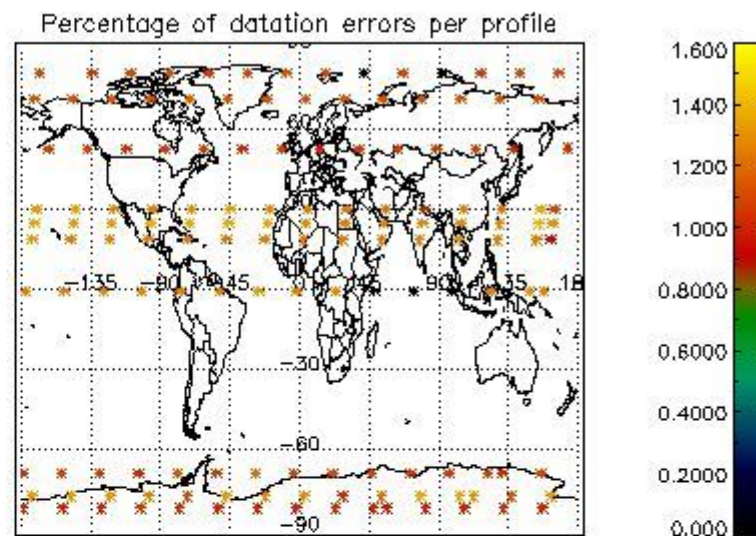
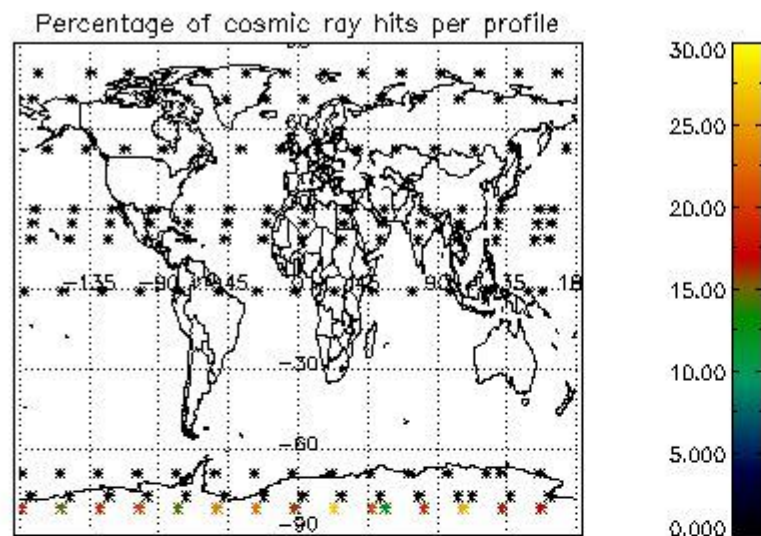


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

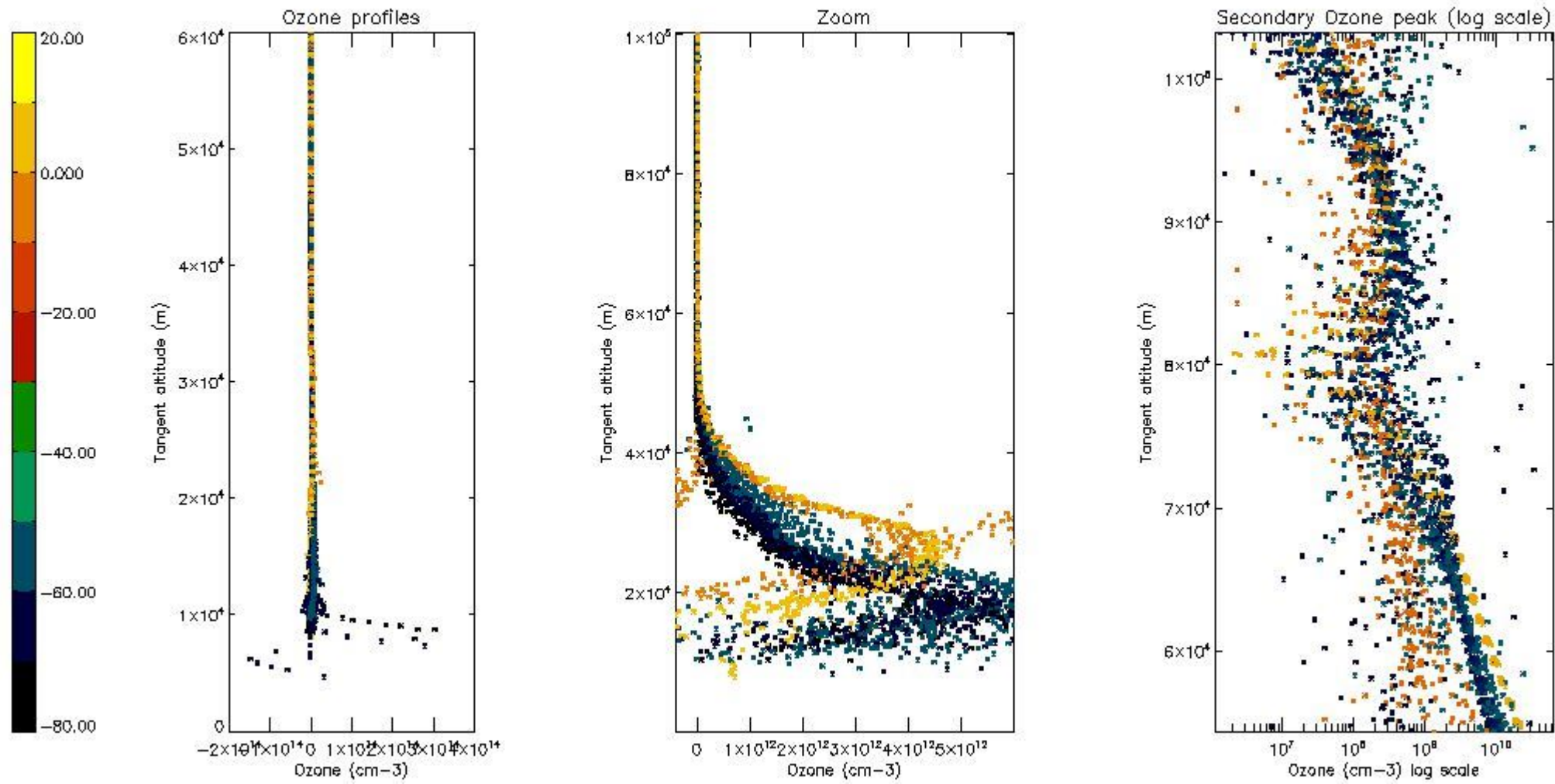
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	34
STD < 20	19

STD < 10	14
STD < 5	10

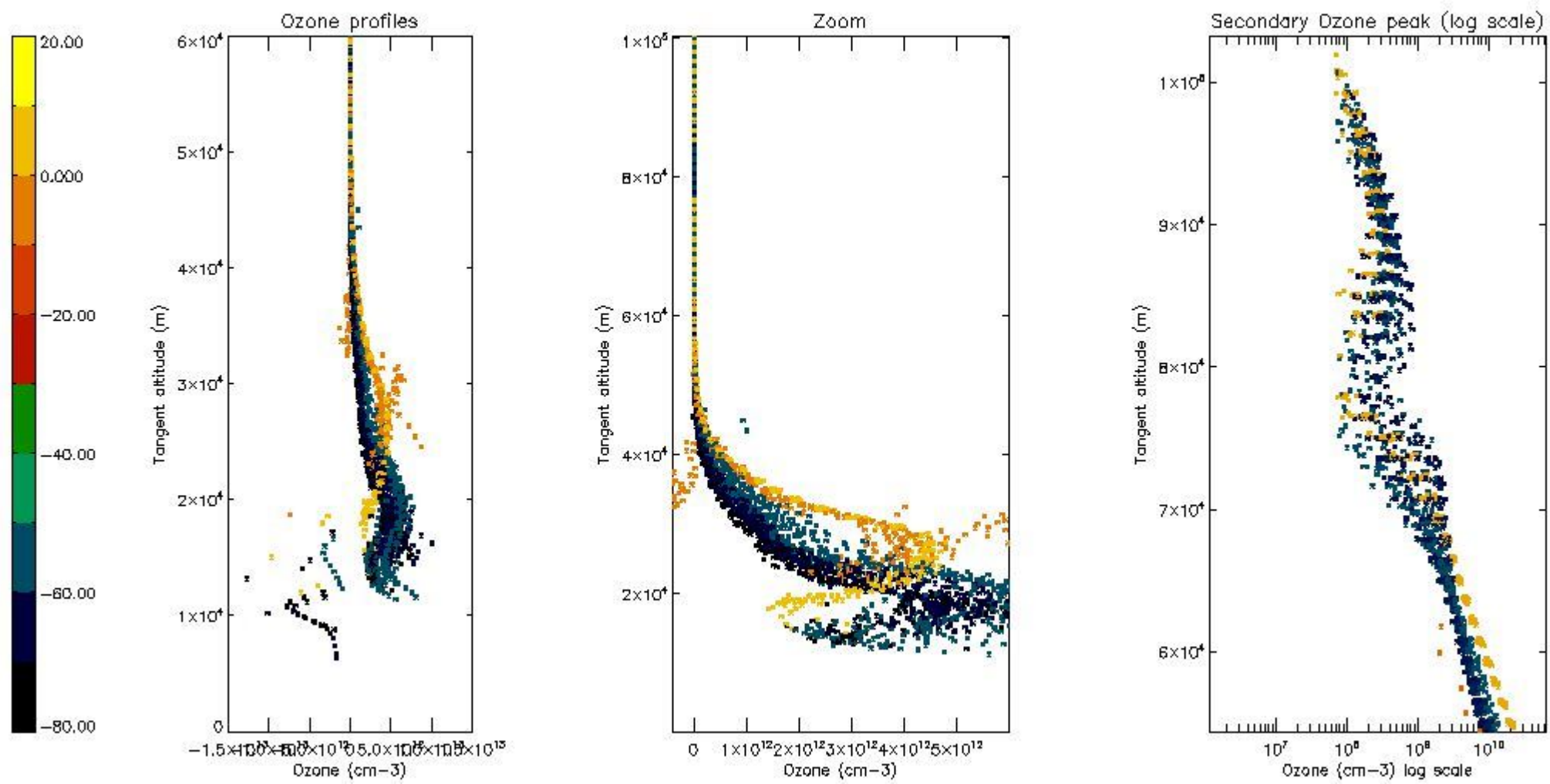
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



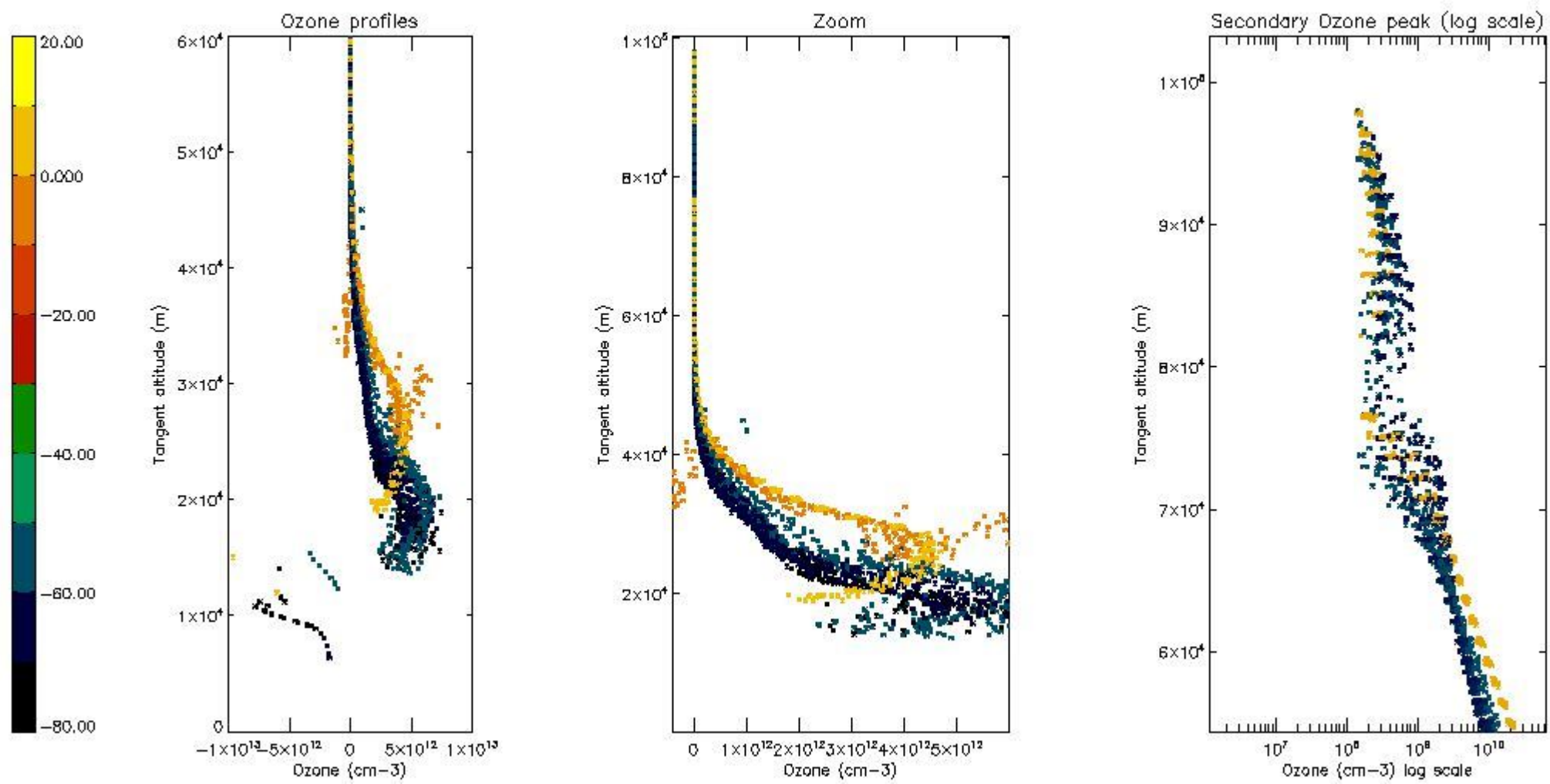
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



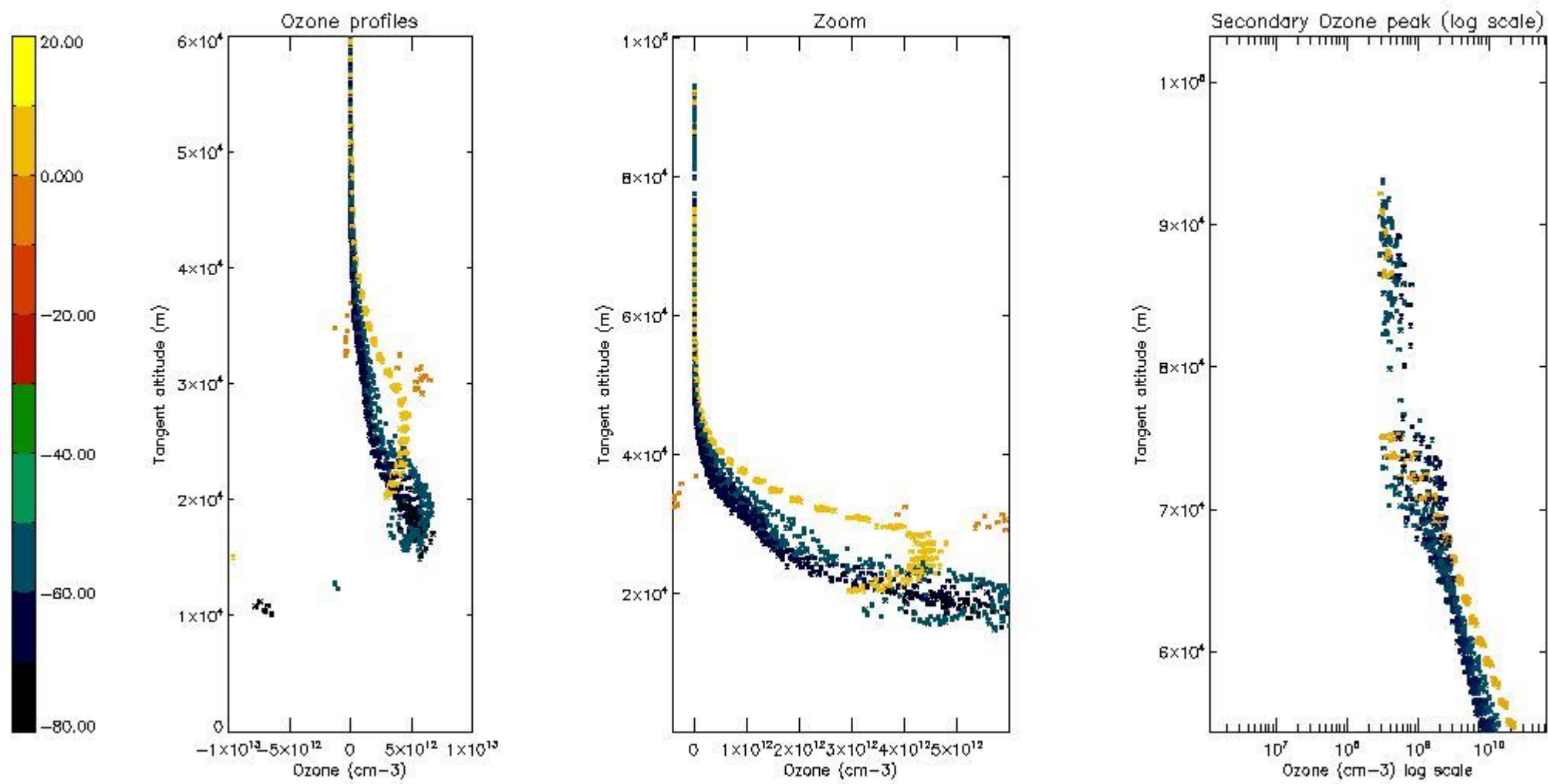
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



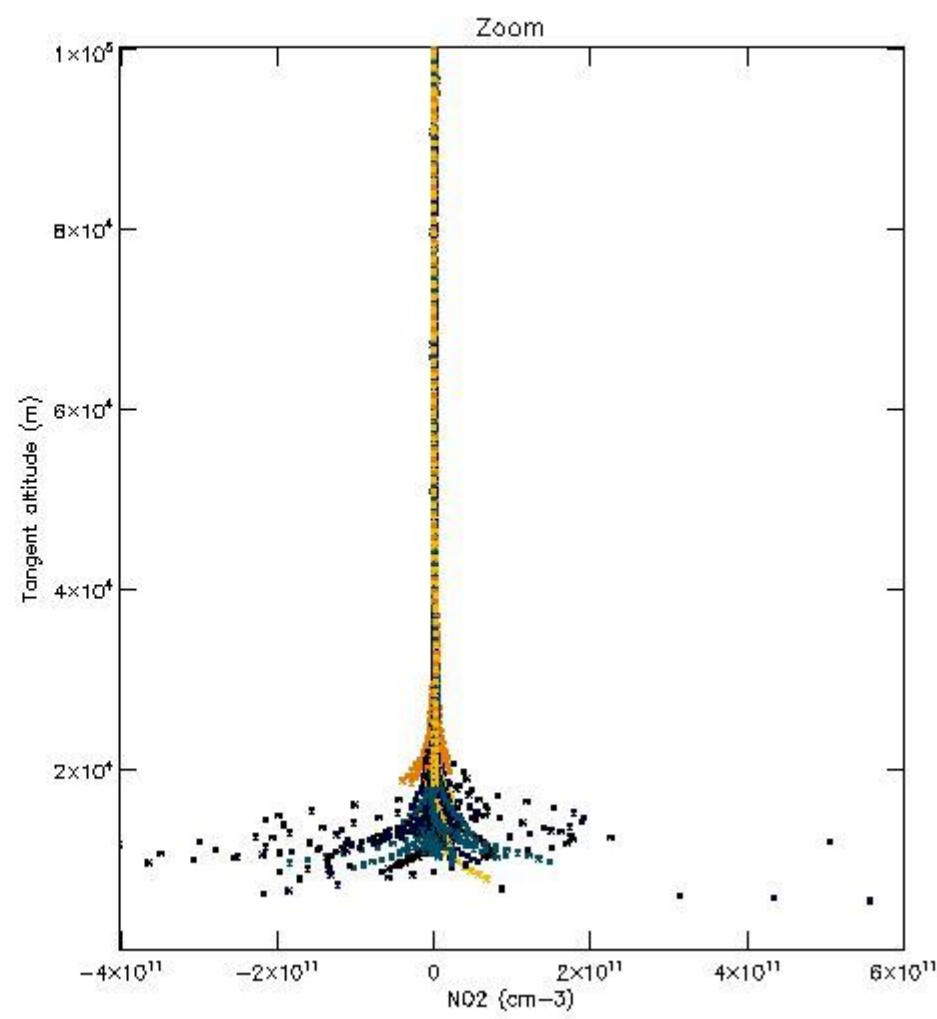
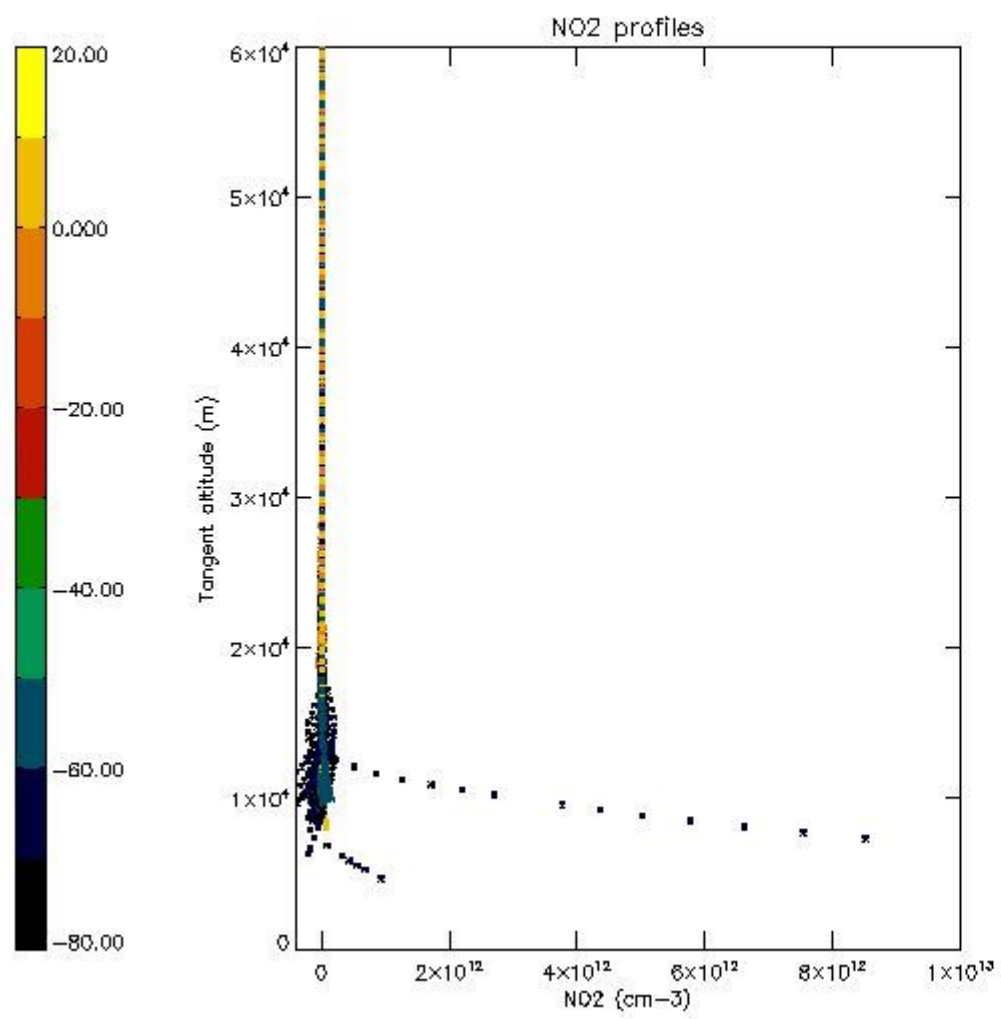
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



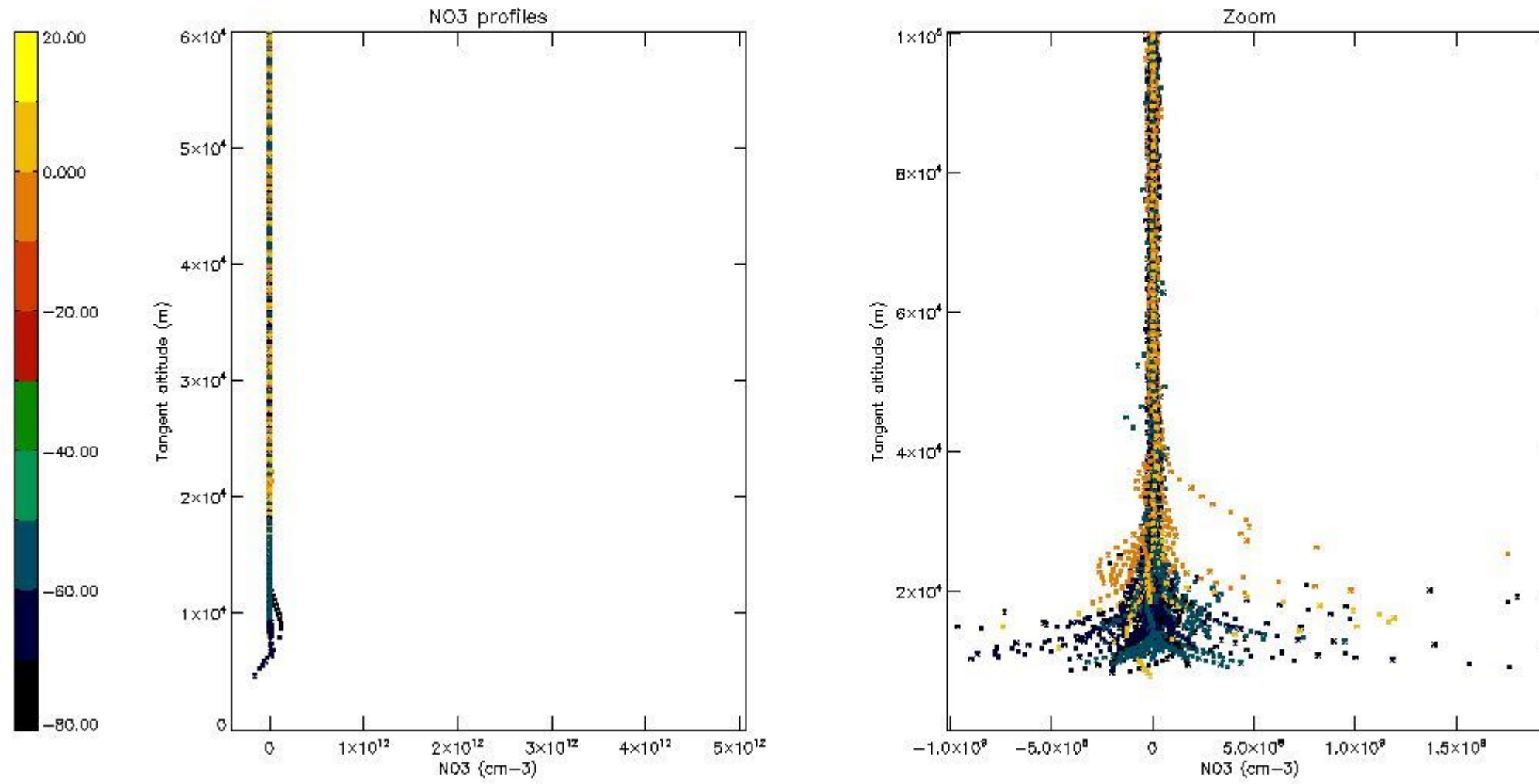
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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	11-AUG-2011 00:01:48
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-AUG-2011 00:01:48
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-AUG-2011 00:01:48

GOMOS Level 2 Daily Report

SUMMARY

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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% \(dark without errors\)](#)

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

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

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

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

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

Item	Value
Time of report generation	24APR2013 16:45:54
Data source version	GOMOS/6.01
Start time of products	11-08-2011 (11AUG2011 00:00:00)
Stop time of products	12-08-2011 (12AUG2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	300
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__2PRFIN20110811_000148_000000373105_00246_49398_9524.N1	11-AUG-2011 00:01:48	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	49398	No
2	GOM_NL__2PRFIN20110811_000317_000000363105_00246_49398_9525.N1	11-AUG-2011 00:03:17	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	49398	No
3	GOM_NL__2PRFIN20110811_000459_000000403105_00246_49398_9526.N1	11-AUG-2011 00:04:59	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49398	No
4	GOM_NL__2PRFIN20110811_001022_000000393105_00246_49398_9527.N1	11-AUG-2011 00:10:22	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49398	No
5	GOM_NL__2PRFIN20110811_002941_000000473105_00246_49398_9528.N1	11-AUG-2011 00:29:41	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	49398	No
6	GOM_NL__2PRFIN20110811_003226_000000373105_00246_49398_9529.N1	11-AUG-2011 00:32:26	Bright	36.500	107	37The Aur	2.6490	11000.	73	49398	No
7	GOM_NL__2PRFIN20110811_003524_000000513105_00246_49398_9530.N1	11-AUG-2011 00:35:24	Twilight	50.500	28	12Bet Tau	1.6500	15200.	101	49398	No
8	GOM_NL__2PRFIN20110811_003739_000000433105_00246_49398_9531.N1	11-AUG-2011 00:37:39	Twilight	42.500	176	23Zet Tau	3.0200	22000.	85	49398	No
9	GOM_NL__2PRFIN20110811_004129_000000513105_00246_49398_9532.N1	11-AUG-2011 00:41:29	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	49398	No
10	GOM_NL__2PRFIN20110811_004431_000000433105_00246_49398_9533.N1	11-AUG-2011 00:44:31	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	49398	No
11	GOM_NL__2PRFIN20110811_004554_000000433105_00246_49398_9534.N1	11-AUG-2011 00:45:54	Dark	43.000	125	44Iot Ori	2.7700	30000.	86	49398	No
12	GOM_NL__2PRFIN20110811_004719_000000533105_00246_49398_9535.N1	11-AUG-2011 00:47:19	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	49398	No
13	GOM_NL__2PRFIN20110811_010233_000000513105_00247_49399_9547.N1	11-AUG-2011 01:02:33	Dark	50.500	157	The1Eri	2.9060	9300.0	101	49399	No
14	GOM_NL__2PRFIN20110811_010708_000000483105_00247_49399_9548.N1	11-AUG-2011 01:07:08	Dark	48.000	9	Alp Eri	0.45300	24000.	96	49399	No
15	GOM_NL__2PRFIN20110811_011239_000000533105_00247_49399_9549.N1	11-AUG-2011 01:12:39	Straylight	53.000	84	Alp Phe	2.3970	4500.0	106	49399	No
16	GOM_NL__2PRFIN20110811_011642_000000433105_00247_49399_9550.N1	11-AUG-2011 01:16:42	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	49399	No
17	GOM_NL__2PRFIN20110811_012033_000000573105_00247_49399_9551.N1	11-AUG-2011 01:20:33	Twilight	57.000	18	24Alp PsA	1.1660	9700.0	114	49399	No
18	GOM_NL__2PRFIN20110811_012633_000000463105_00247_49399_9552.N1	11-AUG-2011 01:26:33	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	49399	No
19	GOM_NL__2PRFIN20110811_013010_000000463105_00247_49399_9553.N1	11-AUG-2011 01:30:10	Bright	45.500	154	22Bet Aqr	2.8990	5700.0	91	49399	No
20	GOM_NL__2PRFIN20110811_013541_000000503105_00247_49399_9554.N1	11-AUG-2011 01:35:41	Bright	49.500	61	8Eps Peg	2.1000	3900.0	99	49399	No
21	GOM_NL__2PRFIN20110811_014201_000000413105_00247_49399_9555.N1	11-AUG-2011 01:42:01	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	49399	No
22	GOM_NL__2PRFIN20110811_014331_000000393105_00247_49399_9556.N1	11-AUG-2011 01:43:31	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	49399	No
23	GOM_NL__2PRFIN20110811_014513_000000403105_00247_49399_9557.N1	11-AUG-2011 01:45:13	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49399	No
24	GOM_NL__2PRFIN20110811_015036_000000403105_00247_49399_9558.N1	11-AUG-2011 01:50:36	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49399	No
25	GOM_NL__2PRFIN20110811_020955_000000473105_00247_49399_9559.N1	11-AUG-2011 02:09:55	Bright	47.000	6	13Alp Aur	0.080000	3400.0	94	49399	No
26	GOM_NL__2PRFIN20110811_021240_000000373105_00247_49399_9560.N1	11-AUG-2011 02:12:40	Bright	36.500	107	37The Aur	2.6490	11000.	73	49399	No
27	GOM_NL__2PRFIN20110811_021538_000000493105_00247_49399_9561.N1	11-AUG-2011 02:15:38	Twilight	49.000	28	12Bet Tau	1.6500	15200.	98	49399	No
28	GOM_NL__2PRFIN20110811_021753_000000453105_00247_49399_9562.N1	11-AUG-2011 02:17:53	Twilight	44.500	176	23Zet Tau	3.0200	22000.	89	49399	No
29	GOM_NL__2PRFIN20110811_022144_000000513105_00247_49399_9563.N1	11-AUG-2011 02:21:44	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	49399	No
30	GOM_NL__2PRFIN20110811_022445_000000493105_00247_49399_9564.N1	11-AUG-2011 02:24:45	Dark	48.500	30	46Eps Ori	1.6940	30000.	97	49399	No
31	GOM_NL__2PRFIN20110811_022608_000000433105_00247_49399_9565.N1	11-AUG-2011 02:26:08	Dark	42.500	125	44Iot Ori	2.7700	30000.	85	49399	No
32	GOM_NL__2PRFIN20110811_022733_000000533105_00247_49399_9566.N1	11-AUG-2011 02:27:33	Dark	52.500	7	19Bet Ori	0.10000	14000.	105	49399	No
33	GOM_NL__2PRFIN20110811_022932_000000453105_00247_49399_9567.N1	11-AUG-2011 02:29:32	Dark	44.500	101	11Alp Lep	2.5820	7000.0	89	49399	No
34	GOM_NL__2PRFIN20110811_024248_000000503105_00248_49400_9588.N1	11-AUG-2011 02:42:48	Dark	49.500	157	The1Eri	2.9060	9300.0	99	49400	No
35	GOM_NL__2PRFIN20110811_024722_000000453105_00248_49400_9589.N1	11-AUG-2011 02:47:22	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49400	No
36	GOM_NL__2PRFIN20110811_025253_000000553105_00248_49400_9590.N1	11-AUG-2011 02:52:53	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49400	No
37	GOM_NL__2PRFIN20110811_025656_000000493105_00248_49400_9591.N1	11-AUG-2011 02:56:56	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	49400	No
38	GOM_NL__2PRFIN20110811_030048_000000603105_00248_49400_9592.N1	11-AUG-2011 03:00:48	Twilight	60.000	18	24Alp PsA	1.1660	9700.0	120	49400	No
39	GOM_NL__2PRFIN20110811_030647_000000463105_00248_49400_9593.N1	11-AUG-2011 03:06:47	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	49400	No
40	GOM_NL__2PRFIN20110811_031024_000000453105_00248_49400_9594.N1	11-AUG-2011 03:10:24	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49400	No
41	GOM_NL__2PRFIN20110811_031555_000000473105_00248_49400_9595.N1	11-AUG-2011 03:15:55	Bright	47.000	61	8Eps Peg	2.1000	3900.0	94	49400	No
42	GOM_NL__2PRFIN20110811_032215_000000403105_00248_49400_9596.N1	11-AUG-2011 03:22:15	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	49400	No

161	GOM_NL__2PRFIN20110811_124850_000000463105_00254_49406_9792.N1	11-AUG-2011 12:48:50	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49406	No
162	GOM_NL__2PRFIN20110811_125423_000000553105_00254_49406_9793.N1	11-AUG-2011 12:54:23	Straylight	55.000	84	Alp Phe	2.3970	4500.0	110	49406	No
163	GOM_NL__2PRFIN20110811_125823_000000423105_00254_49406_9794.N1	11-AUG-2011 12:58:23	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	49406	No
164	GOM_NL__2PRFIN20110811_130215_000000563105_00254_49406_9795.N1	11-AUG-2011 13:02:15	Tw_i_and_stray	55.500	18	24Alp PsA	1.1660	9700.0	111	49406	No
165	GOM_NL__2PRFIN20110811_130812_000000463105_00254_49406_9796.N1	11-AUG-2011 13:08:12	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	49406	No
166	GOM_NL__2PRFIN20110811_131147_000000453105_00254_49406_9797.N1	11-AUG-2011 13:11:47	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49406	No
167	GOM_NL__2PRFIN20110811_131716_000000513105_00254_49406_9798.N1	11-AUG-2011 13:17:16	Bright	50.500	61	8Eps Peg	2.1000	3900.0	101	49406	No
168	GOM_NL__2PRFIN20110811_132337_000000383105_00254_49406_9799.N1	11-AUG-2011 13:23:37	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	49406	No
169	GOM_NL__2PRFIN20110811_132507_000000373105_00254_49406_9800.N1	11-AUG-2011 13:25:07	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	49406	No
170	GOM_NL__2PRFIN20110811_132649_000000413105_00254_49406_9801.N1	11-AUG-2011 13:26:49	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	49406	No
171	GOM_NL__2PRFIN20110811_133211_000000403105_00254_49406_9802.N1	11-AUG-2011 13:32:11	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49406	No
172	GOM_NL__2PRFIN20110811_135132_000000453105_00254_49406_9803.N1	11-AUG-2011 13:51:32	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	49406	No
173	GOM_NL__2PRFIN20110811_135418_000000403105_00254_49406_9804.N1	11-AUG-2011 13:54:18	Bright	39.500	107	37The Aur	2.6490	11000.	79	49406	No
174	GOM_NL__2PRFIN20110811_135717_000000513105_00254_49406_9805.N1	11-AUG-2011 13:57:17	Tw_i_and_stray	50.500	28	12Bet Tau	1.6500	15200.	101	49406	No
175	GOM_NL__2PRFIN20110811_135933_000000463105_00254_49406_9806.N1	11-AUG-2011 13:59:33	Tw_i_and_stray	45.500	176	23Zet Tau	3.0200	22000.	91	49406	No
176	GOM_NL__2PRFIN20110811_140324_000000523105_00254_49406_9807.N1	11-AUG-2011 14:03:24	Dark	51.500	14	58Alp Ori	0.87000	3000.0	103	49406	No
177	GOM_NL__2PRFIN20110811_140627_000000473105_00254_49406_9808.N1	11-AUG-2011 14:06:27	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	49406	No
178	GOM_NL__2PRFIN20110811_140750_000000453105_00254_49406_9809.N1	11-AUG-2011 14:07:50	Dark	45.000	125	44Iot Ori	2.7700	30000.	90	49406	No
179	GOM_NL__2PRFIN20110811_140916_000000523105_00254_49406_9810.N1	11-AUG-2011 14:09:16	Dark	52.000	7	19Bet Ori	0.10000	14000.	104	49406	No
180	GOM_NL__2PRFIN20110811_141113_000000433105_00254_49406_9811.N1	11-AUG-2011 14:11:13	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	49406	No
181	GOM_NL__2PRFIN20110811_142434_000000503105_00255_49407_9868.N1	11-AUG-2011 14:24:34	Dark	49.500	157	The1Eri	2.9060	9300.0	99	49407	No
182	GOM_NL__2PRFIN20110811_142905_000000443105_00255_49407_9869.N1	11-AUG-2011 14:29:05	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49407	No
183	GOM_NL__2PRFIN20110811_143438_000000553105_00255_49407_9870.N1	11-AUG-2011 14:34:38	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49407	No
184	GOM_NL__2PRFIN20110811_143837_000000423105_00255_49407_9871.N1	11-AUG-2011 14:38:37	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49407	No
185	GOM_NL__2PRFIN20110811_144229_000000583105_00255_49407_9872.N1	11-AUG-2011 14:42:29	Tw_i_and_stray	58.000	18	24Alp PsA	1.1660	9700.0	116	49407	No
186	GOM_NL__2PRFIN20110811_144826_000000453105_00255_49407_9873.N1	11-AUG-2011 14:48:26	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	49407	No
187	GOM_NL__2PRFIN20110811_145201_000000443105_00255_49407_9874.N1	11-AUG-2011 14:52:01	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	49407	No
188	GOM_NL__2PRFIN20110811_145730_000000483105_00255_49407_9875.N1	11-AUG-2011 14:57:30	Bright	47.500	61	8Eps Peg	2.1000	3900.0	95	49407	No
189	GOM_NL__2PRFIN20110811_150351_000000393105_00255_49407_9876.N1	11-AUG-2011 15:03:51	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	49407	No
190	GOM_NL__2PRFIN20110811_150521_000000373105_00255_49407_9877.N1	11-AUG-2011 15:05:21	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	49407	No
191	GOM_NL__2PRFIN20110811_150702_000000403105_00255_49407_9878.N1	11-AUG-2011 15:07:02	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49407	No
192	GOM_NL__2PRFIN20110811_151225_000000403105_00255_49407_9879.N1	11-AUG-2011 15:12:25	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49407	No
193	GOM_NL__2PRFIN20110811_153146_000000503105_00255_49407_9880.N1	11-AUG-2011 15:31:46	Bright	49.500	6	13Alp Aur	0.080000	3400.0	99	49407	No
194	GOM_NL__2PRFIN20110811_153432_000000383105_00255_49407_9881.N1	11-AUG-2011 15:34:32	Bright	38.000	107	37The Aur	2.6490	11000.	76	49407	No
195	GOM_NL__2PRFIN20110811_153731_000000503105_00255_49407_9882.N1	11-AUG-2011 15:37:31	Tw_i_and_stray	50.000	28	12Bet Tau	1.6500	15200.	100	49407	No
196	GOM_NL__2PRFIN20110811_153947_000000453105_00255_49407_9883.N1	11-AUG-2011 15:39:47	Tw_i_and_stray	45.000	176	23Zet Tau	3.0200	22000.	90	49407	No
197	GOM_NL__2PRFIN20110811_154339_000000533105_00255_49407_9884.N1	11-AUG-2011 15:43:39	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	49407	No
198	GOM_NL__2PRFIN20110811_154641_000000503105_00255_49407_9885.N1	11-AUG-2011 15:46:41	Dark	49.500	30	46Eps Ori	1.6940	30000.	99	49407	No
199	GOM_NL__2PRFIN20110811_154804_000000453105_00255_49407_9886.N1	11-AUG-2011 15:48:04	Dark	44.500	125	44Iot Ori	2.7700	30000.	89	49407	No
200	GOM_NL__2PRFIN20110811_154931_000000533105_00255_49407_9887.N1	11-AUG-2011 15:49:31	Dark	52.500	7	19Bet Ori	0.10000	14000.	105	49407	No
201	GOM_NL__2PRFIN20110811_155128_000000443105_00255_49407_9888.N1	11-AUG-2011 15:51:28	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	49407	No
202	GOM_NL__2PRFIN20110811_160449_000000493105_00256_49408_9882.N1	11-AUG-2011 16:04:49	Dark	48.500	157	The1Eri	2.9060	9300.0	97	49408	No
203	GOM_NL__2PRFIN20110811_160920_000000463105_00256_49408_9883.N1	11-AUG-2011 16:09:20	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49408	No
204	GOM_NL__2PRFIN20110811_161452_000000533105_00256_49408_9884.N1	11-AUG-2011 16:14:52	Straylight	52.500	84	Alp Phe	2.3970	4500.0	105	49408	No
205	GOM_NL__2PRFIN20110811_161852_000000423105_00256_49408_9885.N1	11-AUG-2011 16:18:52	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49408	No
206	GOM_NL__2PRFIN20110811_162244_000000593105_00256_49408_9886.N1	11-AUG-2011 16:22:44	Tw_i_and_stray	59.000	18	24Alp PsA	1.1660	9700.0	118	49408	No
207	GOM_NL__2PRFIN20110811_162840_000000463105_00256_49408_9887.N1	11-AUG-2011 16:28:40	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	49408	No
208	GOM_NL__2PRFIN20110811_163215_000000433105_00256_49408_9888.N1	11-AUG-2011 16:32:15	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	49408	No
209	GOM_NL__2PRFIN20110811_163743_000000483105_00256_49408_9889.N1	11-AUG-2011 16:37:43	Bright	47.500	61	8Eps Peg	2.1000	3900.0	95	49408	No
210	GOM_NL__2PRFIN20110811_164405_000000403105_00256_49408_9890.N1	11-AUG-2011 16:44:05	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	49408	No
211	GOM_NL__2PRFIN20110811_164535_000000363105_00256_49408_9891.N1	11-AUG-2011 16:45:35	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	49408	No
212	GOM_NL__2PRFIN20110811_164716_000000403105_00256_49408_9892.N1	11-AUG-2011 16:47:16	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49408	No
213	GOM_NL__2PRFIN20110811_165239_000000403105_00256_49408_9893.N1	11-AUG-2011 16:52:39	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49408	No
214	GOM_NL__2PRFIN20110811_171200_000000483105_00256_49408_9894.N1	11-AUG-2011 17:12:00	Bright	47.500	6	13Alp Aur	0.080000	3400.0	95	49408	No
215	GOM_NL__2PRFIN20110811_171446_000000383105_00256_49408_9895.N1	11-AUG-2011 17:14:46	Bright	37.500	107	37The Aur	2.6490	11000.	75	49408	No
216	GOM_NL__2PRFIN20110811_171745_000000503105_00256_49408_9896.N1	11-AUG-2011 17:17:45	Tw_i_and_stray	50.000	28	12Bet Tau	1.6500	15200.	100	49408	No
217	GOM_NL__2PRFIN20110811_172002_000000453105_00256_49408_9897.N1	11-AUG-2011 17:20:02	Tw_i_and_stray	44.500	176	23Zet Tau	3.0200	22000.	89	49408	No
218	GOM_NL__2PRFIN20110811_172353_000000493105_00256_49408_9898.N1	11-AUG-2011 17:23:53	Dark	49.000	14	58Alp Ori	0.87000	3000.0	98	49408	No
219	GOM_NL__2PRFIN20110811_172656_000000483105_00256_49408_9899.N1	11-AUG-2011 17:26:56	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	49408	No

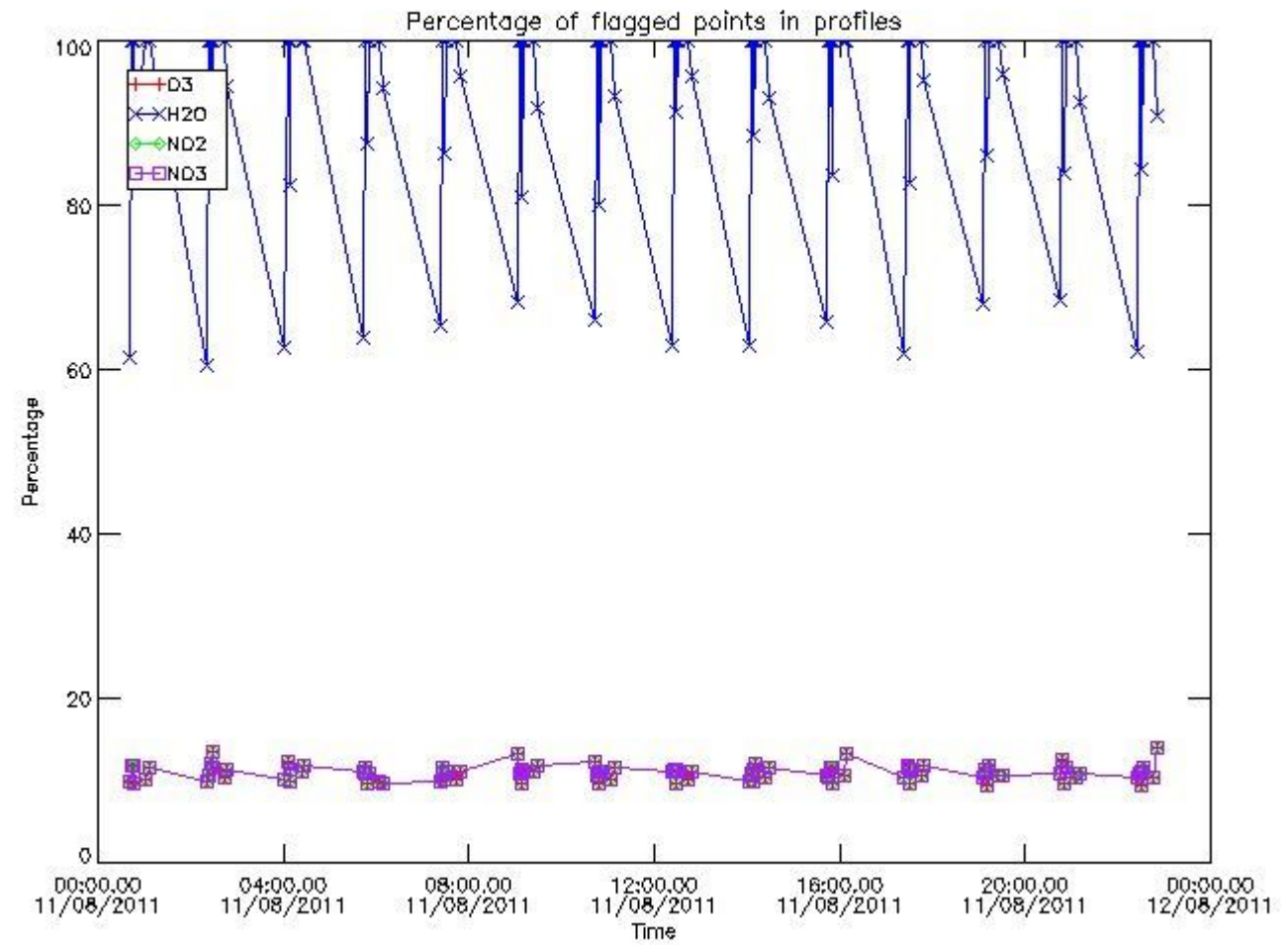
220	GOM_NL__2PRFIN20110811_172819_000000453105_00256_49408_9900.N1	11-AUG-2011 17:28:19	Dark	44.500	125	44Iot Ori	2.7700	30000.	89	49408	No
221	GOM_NL__2PRFIN20110811_172945_000000533105_00256_49408_9901.N1	11-AUG-2011 17:29:45	Dark	52.500	7	19Bet Ori	0.10000	14000.	105	49408	No
222	GOM_NL__2PRFIN20110811_173143_000000453105_00256_49408_9902.N1	11-AUG-2011 17:31:43	Dark	45.000	101	11Alp Lep	2.5820	7000.0	90	49408	No
223	GOM_NL__2PRFIN20110811_174504_000000493105_00257_49409_9905.N1	11-AUG-2011 17:45:04	Dark	48.500	157	The1Eri	2.9060	9300.0	97	49409	No
224	GOM_NL__2PRFIN20110811_174934_000000433105_00257_49409_9906.N1	11-AUG-2011 17:49:34	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49409	No
225	GOM_NL__2PRFIN20110811_175508_000000523105_00257_49409_9907.N1	11-AUG-2011 17:55:08	Straylight	52.000	84	Alp Phe	2.3970	4500.0	104	49409	No
226	GOM_NL__2PRFIN20110811_175906_000000423105_00257_49409_9908.N1	11-AUG-2011 17:59:06	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	49409	No
227	GOM_NL__2PRFIN20110811_180258_000000583105_00257_49409_9909.N1	11-AUG-2011 18:02:58	Twilight_and_stray	57.500	18	24Alp PsA	1.1660	9700.0	115	49409	No
228	GOM_NL__2PRFIN20110811_180854_000000483105_00257_49409_9910.N1	11-AUG-2011 18:08:54	Bright	47.500	142	49Del Cap	2.8500	8900.0	95	49409	No
229	GOM_NL__2PRFIN20110811_181229_000000443105_00257_49409_9911.N1	11-AUG-2011 18:12:29	Bright	44.000	154	22Bet Aqr	2.8990	5700.0	88	49409	No
230	GOM_NL__2PRFIN20110811_181757_000000483105_00257_49409_9912.N1	11-AUG-2011 18:17:57	Bright	48.000	61	8Eps Peg	2.1000	3900.0	96	49409	No
231	GOM_NL__2PRFIN20110811_182419_000000403105_00257_49409_9913.N1	11-AUG-2011 18:24:19	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	49409	No
232	GOM_NL__2PRFIN20110811_182549_000000383105_00257_49409_9914.N1	11-AUG-2011 18:25:49	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	49409	No
233	GOM_NL__2PRFIN20110811_182730_000000403105_00257_49409_9915.N1	11-AUG-2011 18:27:30	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	49409	No
234	GOM_NL__2PRFIN20110811_183252_000000393105_00257_49409_9916.N1	11-AUG-2011 18:32:52	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	49409	No
235	GOM_NL__2PRFIN20110811_185214_000000473105_00257_49409_9917.N1	11-AUG-2011 18:52:14	Bright	46.500	6	13Alp Aur	0.080000	3400.0	93	49409	No
236	GOM_NL__2PRFIN20110811_185500_000000383105_00257_49409_9918.N1	11-AUG-2011 18:55:00	Bright	37.500	107	37The Aur	2.6490	11000.	75	49409	No
237	GOM_NL__2PRFIN20110811_185759_000000493105_00257_49409_9919.N1	11-AUG-2011 18:57:59	Twilight_and_stray	48.500	28	12Bet Tau	1.6500	15200.	97	49409	No
238	GOM_NL__2PRFIN20110811_190016_000000463105_00257_49409_9920.N1	11-AUG-2011 19:00:16	Twilight_and_stray	45.500	176	23Zet Tau	3.0200	22000.	91	49409	No
239	GOM_NL__2PRFIN20110811_190407_000000493105_00257_49409_9921.N1	11-AUG-2011 19:04:07	Dark	49.000	14	58Alp Ori	0.87000	3000.0	98	49409	No
240	GOM_NL__2PRFIN20110811_190710_000000473105_00257_49409_9922.N1	11-AUG-2011 19:07:10	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	49409	No
241	GOM_NL__2PRFIN20110811_190834_000000453105_00257_49409_9923.N1	11-AUG-2011 19:08:34	Dark	45.000	125	44Iot Ori	2.7700	30000.	90	49409	No
242	GOM_NL__2PRFIN20110811_191000_000000553105_00257_49409_9924.N1	11-AUG-2011 19:10:00	Dark	54.500	7	19Bet Ori	0.10000	14000.	109	49409	No
243	GOM_NL__2PRFIN20110811_191158_000000443105_00257_49409_9925.N1	11-AUG-2011 19:11:58	Dark	43.500	101	11Alp Lep	2.5820	7000.0	87	49409	No
244	GOM_NL__2PRFIN20110811_192519_000000493105_00258_49410_9938.N1	11-AUG-2011 19:25:19	Dark	48.500	157	The1Eri	2.9060	9300.0	97	49410	No
245	GOM_NL__2PRFIN20110811_192949_000000493105_00258_49410_9939.N1	11-AUG-2011 19:29:49	Dark	48.500	9	Alp Eri	0.45300	24000.	97	49410	No
246	GOM_NL__2PRFIN20110811_193522_000000513105_00258_49410_9940.N1	11-AUG-2011 19:35:22	Straylight	51.000	84	Alp Phe	2.3970	4500.0	102	49410	No
247	GOM_NL__2PRFIN20110811_193921_000000413105_00258_49410_9941.N1	11-AUG-2011 19:39:21	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	49410	No
248	GOM_NL__2PRFIN20110811_194313_000000573105_00258_49410_9942.N1	11-AUG-2011 19:43:13	Twilight_and_stray	56.500	18	24Alp PsA	1.1660	9700.0	113	49410	No
249	GOM_NL__2PRFIN20110811_194908_000000453105_00258_49410_9943.N1	11-AUG-2011 19:49:08	Bright	44.500	142	49Del Cap	2.8500	8900.0	89	49410	No
250	GOM_NL__2PRFIN20110811_195243_000000443105_00258_49410_9944.N1	11-AUG-2011 19:52:43	Bright	43.500	154	22Bet Aqr	2.8990	5700.0	87	49410	No
251	GOM_NL__2PRFIN20110811_195811_000000473105_00258_49410_9945.N1	11-AUG-2011 19:58:11	Bright	46.500	61	8Eps Peg	2.1000	3900.0	93	49410	No
252	GOM_NL__2PRFIN20110811_200433_000000383105_00258_49410_9946.N1	11-AUG-2011 20:04:33	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	49410	No
253	GOM_NL__2PRFIN20110811_200603_000000383105_00258_49410_9947.N1	11-AUG-2011 20:06:03	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	49410	No
254	GOM_NL__2PRFIN20110811_200744_000000403105_00258_49410_9948.N1	11-AUG-2011 20:07:44	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	49410	No
255	GOM_NL__2PRFIN20110811_201306_000000403105_00258_49410_9949.N1	11-AUG-2011 20:13:06	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49410	No
256	GOM_NL__2PRFIN20110811_203228_000000493105_00258_49410_9950.N1	11-AUG-2011 20:32:28	Bright	48.500	6	13Alp Aur	0.080000	3400.0	97	49410	No
257	GOM_NL__2PRFIN20110811_203514_000000383105_00258_49410_9951.N1	11-AUG-2011 20:35:14	Bright	38.000	107	37The Aur	2.6490	11000.	76	49410	No
258	GOM_NL__2PRFIN20110811_203814_000000503105_00258_49410_9952.N1	11-AUG-2011 20:38:14	Twilight_and_stray	50.000	28	12Bet Tau	1.6500	15200.	100	49410	No
259	GOM_NL__2PRFIN20110811_204030_000000463105_00258_49410_9953.N1	11-AUG-2011 20:40:30	Twilight_and_stray	45.500	176	23Zet Tau	3.0200	22000.	91	49410	No
260	GOM_NL__2PRFIN20110811_204422_000000473105_00258_49410_9954.N1	11-AUG-2011 20:44:22	Dark	46.500	14	58Alp Ori	0.87000	3000.0	93	49410	No
261	GOM_NL__2PRFIN20110811_204725_000000483105_00258_49410_9955.N1	11-AUG-2011 20:47:25	Dark	48.000	30	46Eps Ori	1.6940	30000.	96	49410	No
262	GOM_NL__2PRFIN20110811_204848_000000453105_00258_49410_9956.N1	11-AUG-2011 20:48:48	Dark	45.000	125	44Iot Ori	2.7700	30000.	90	49410	No
263	GOM_NL__2PRFIN20110811_205015_000000533105_00258_49410_9957.N1	11-AUG-2011 20:50:15	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	49410	No
264	GOM_NL__2PRFIN20110811_205212_000000443105_00258_49410_9958.N1	11-AUG-2011 20:52:12	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	49410	No
265	GOM_NL__2PRFIN20110811_210534_000000493105_00259_49411_9968.N1	11-AUG-2011 21:05:34	Dark	49.000	157	The1Eri	2.9060	9300.0	98	49411	No
266	GOM_NL__2PRFIN20110811_211004_000000473105_00259_49411_9969.N1	11-AUG-2011 21:10:04	Dark	47.000	9	Alp Eri	0.45300	24000.	94	49411	No
267	GOM_NL__2PRFIN20110811_211537_000000613105_00259_49411_9970.N1	11-AUG-2011 21:15:37	Straylight	61.000	84	Alp Phe	2.3970	4500.0	122	49411	No
268	GOM_NL__2PRFIN20110811_211935_000000433105_00259_49411_9971.N1	11-AUG-2011 21:19:35	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	49411	No
269	GOM_NL__2PRFIN20110811_212327_000000583105_00259_49411_9972.N1	11-AUG-2011 21:23:27	Twilight_and_stray	58.000	18	24Alp PsA	1.1660	9700.0	116	49411	No
270	GOM_NL__2PRFIN20110811_212922_000000463105_00259_49411_9973.N1	11-AUG-2011 21:29:22	Bright	45.500	142	49Del Cap	2.8500	8900.0	91	49411	No
271	GOM_NL__2PRFIN20110811_213257_000000453105_00259_49411_9974.N1	11-AUG-2011 21:32:57	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49411	No
272	GOM_NL__2PRFIN20110811_213824_000000473105_00259_49411_9975.N1	11-AUG-2011 21:38:24	Bright	46.500	61	8Eps Peg	2.1000	3900.0	93	49411	No
273	GOM_NL__2PRFIN20110811_214446_000000383105_00259_49411_9976.N1	11-AUG-2011 21:44:46	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	49411	No
274	GOM_NL__2PRFIN20110811_214617_000000373105_00259_49411_9977.N1	11-AUG-2011 21:46:17	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	49411	No
275	GOM_NL__2PRFIN20110811_214757_000000383105_00259_49411_9978.N1	11-AUG-2011 21:47:57	Bright	37.500	19	50Alp Cyg	1.2460	10500.	75	49411	No
276	GOM_NL__2PRFIN20110811_215320_000000403105_00259_49411_9979.N1	11-AUG-2011 21:53:20	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49411	No
277	GOM_NL__2PRFIN20110811_221242_000000463105_00259_49411_9980.N1	11-AUG-2011 22:12:42	Bright	46.000	6	13Alp Aur	0.080000	3400.0	92	49411	No
278	GOM_NL__2PRFIN20110811_221529_000000443105_00259_49411_9981.N1	11-AUG-2011 22:15:29	Bright	44.000	107	37The Aur	2.6490	11000.	88	49411	No

279	GOM_NL__2PRFIN20110811_221828_000000503105_00259_49411_9982.N1	11-AUG-2011 22:18:28	Twilight	50.000	28	12Bet Tau	1.6500	15200.	100	49411	No
280	GOM_NL__2PRFIN20110811_222044_000000443105_00259_49411_9983.N1	11-AUG-2011 22:20:44	Twilight	44.000	176	23Zet Tau	3.0200	22000.	88	49411	No
281	GOM_NL__2PRFIN20110811_222436_000000503105_00259_49411_9984.N1	11-AUG-2011 22:24:36	Dark	49.500	14	58Alp Ori	0.87000	3000.0	99	49411	No
282	GOM_NL__2PRFIN20110811_222739_000000483105_00259_49411_9985.N1	11-AUG-2011 22:27:39	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	49411	No
283	GOM_NL__2PRFIN20110811_222903_000000463105_00259_49411_9986.N1	11-AUG-2011 22:29:03	Dark	45.500	125	44Iot Ori	2.7700	30000.	91	49411	No
284	GOM_NL__2PRFIN20110811_223029_000000553105_00259_49411_9987.N1	11-AUG-2011 22:30:29	Dark	54.500	7	19Bet Ori	0.10000	14000.	109	49411	No
285	GOM_NL__2PRFIN20110811_223227_000000453105_00259_49411_9988.N1	11-AUG-2011 22:32:27	Dark	44.500	101	11Alp Lep	2.5820	7000.0	89	49411	No
286	GOM_NL__2PRFIN20110811_224549_000000503105_00260_49412_9987.N1	11-AUG-2011 22:45:49	Dark	49.500	157	The1Eri	2.9060	9300.0	99	49412	No
287	GOM_NL__2PRFIN20110811_225018_000000443105_00260_49412_9988.N1	11-AUG-2011 22:50:18	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49412	No
288	GOM_NL__2PRFIN20110811_225552_000000543105_00260_49412_9989.N1	11-AUG-2011 22:55:52	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49412	No
289	GOM_NL__2PRFIN20110811_225949_000000403105_00260_49412_9990.N1	11-AUG-2011 22:59:49	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	49412	No
290	GOM_NL__2PRFIN20110811_230341_000000593105_00260_49412_9991.N1	11-AUG-2011 23:03:41	Twilight	59.000	18	24Alp PsA	1.1660	9700.0	118	49412	No
291	GOM_NL__2PRFIN20110811_230937_000000483105_00260_49412_9992.N1	11-AUG-2011 23:09:37	Bright	48.000	142	49Del Cap	2.8500	8900.0	96	49412	No
292	GOM_NL__2PRFIN20110811_231311_000000453105_00260_49412_9993.N1	11-AUG-2011 23:13:11	Bright	44.500	154	22Bet Aqr	2.8990	5700.0	89	49412	No
293	GOM_NL__2PRFIN20110811_231838_000000493105_00260_49412_9994.N1	11-AUG-2011 23:18:38	Bright	48.500	61	8Eps Peg	2.1000	3900.0	97	49412	No
294	GOM_NL__2PRFIN20110811_232500_000000463105_00260_49412_9995.N1	11-AUG-2011 23:25:00	Bright	46.000	92	53Eps Cyg	2.5000	4500.0	92	49412	No
295	GOM_NL__2PRFIN20110811_232630_000000393105_00260_49412_9996.N1	11-AUG-2011 23:26:30	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	49412	No
296	GOM_NL__2PRFIN20110811_232811_000000563105_00260_49412_9997.N1	11-AUG-2011 23:28:11	Bright	56.000	19	50Alp Cyg	1.2460	10500.	112	49412	No
297	GOM_NL__2PRFIN20110811_233334_000000403105_00260_49412_9998.N1	11-AUG-2011 23:33:34	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49412	No
298	GOM_NL__2PRFIN20110811_235256_000000493105_00260_49412_9999.N1	11-AUG-2011 23:52:56	Bright	49.000	6	13Alp Aur	0.080000	3400.0	98	49412	No
299	GOM_NL__2PRFIN20110811_235542_000000383105_00260_49412_0000.N1	11-AUG-2011 23:55:42	Bright	38.000	107	37The Aur	2.6490	11000.	76	49412	No
300	GOM_NL__2PRFIN20110811_235842_000000513105_00260_49412_0001.N1	11-AUG-2011 23:58:42	Twilight	51.000	28	12Bet Tau	1.6500	15200.	102	49412	No

3. Quality information per product

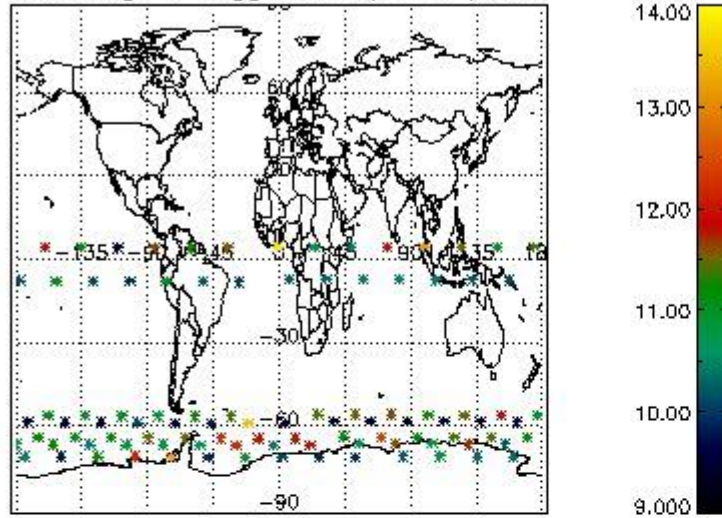
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

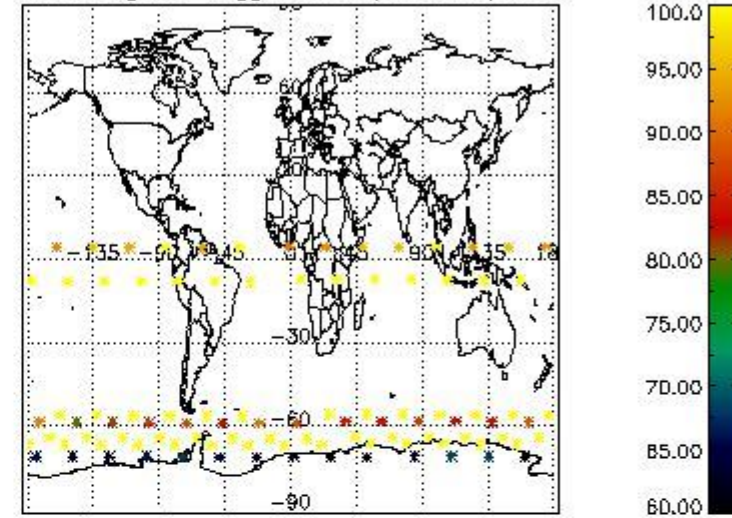


3.2 Plot quality information per product (world map)

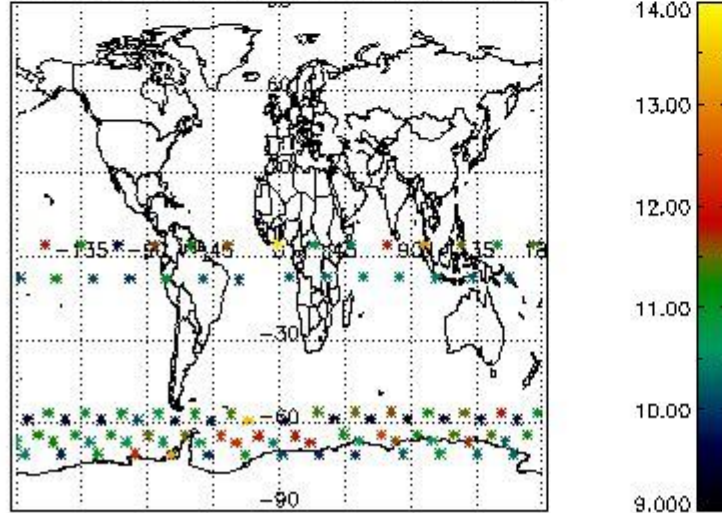
Percentage of flagged data per O3 profile



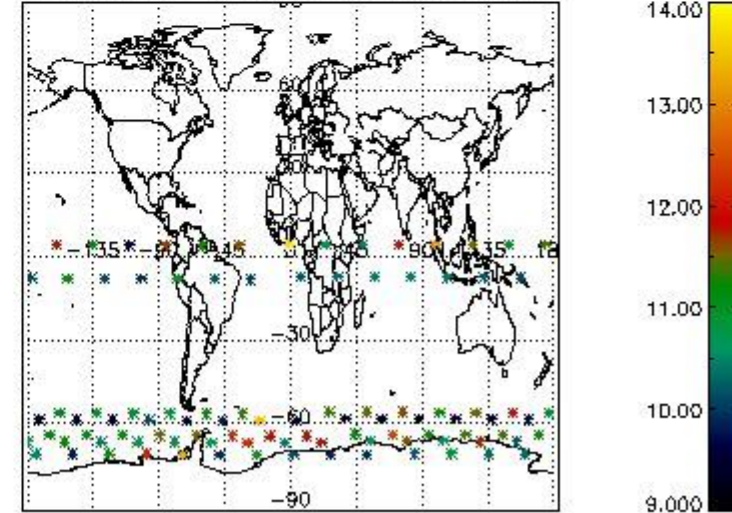
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

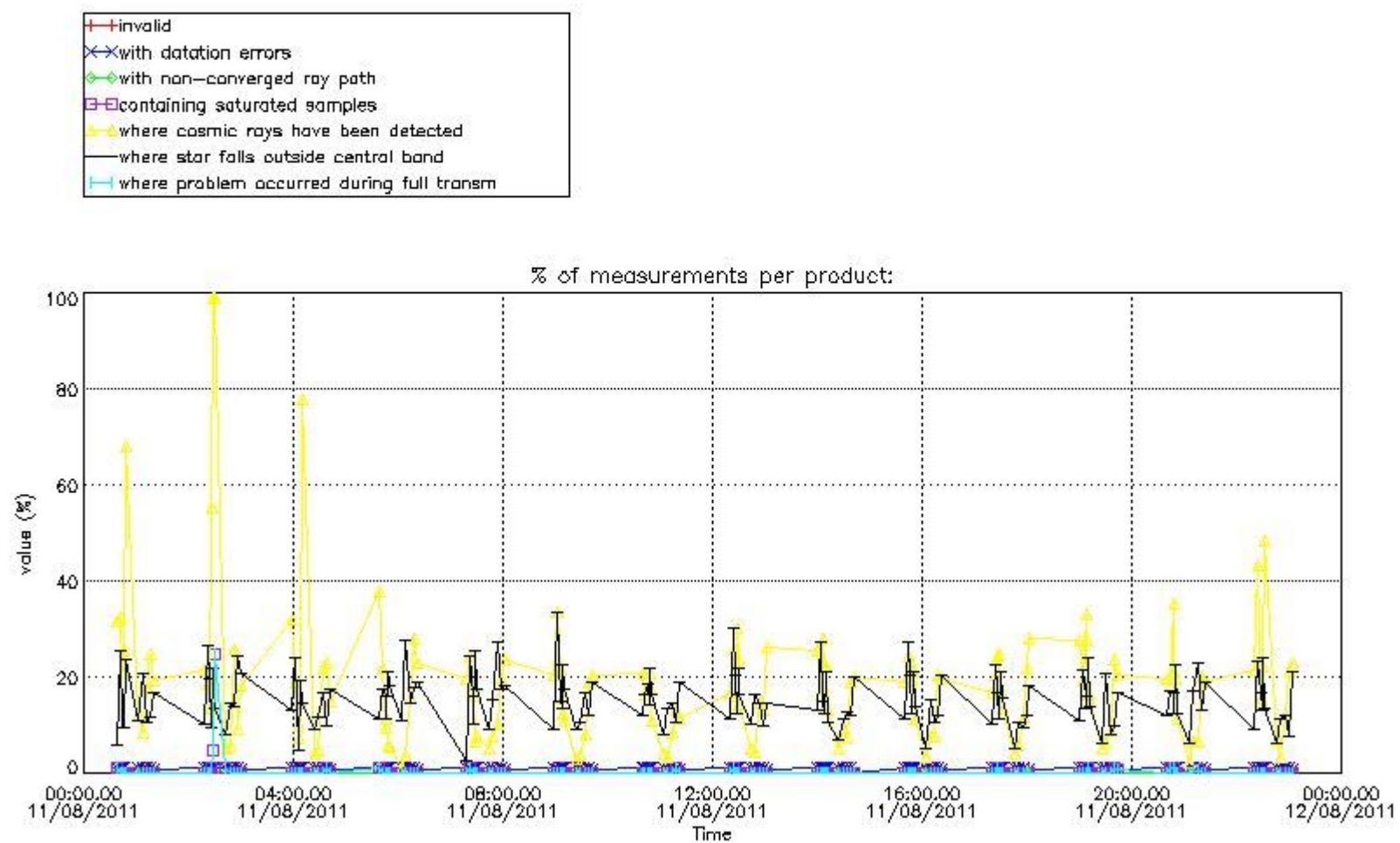


4. Level 1 quality information per product

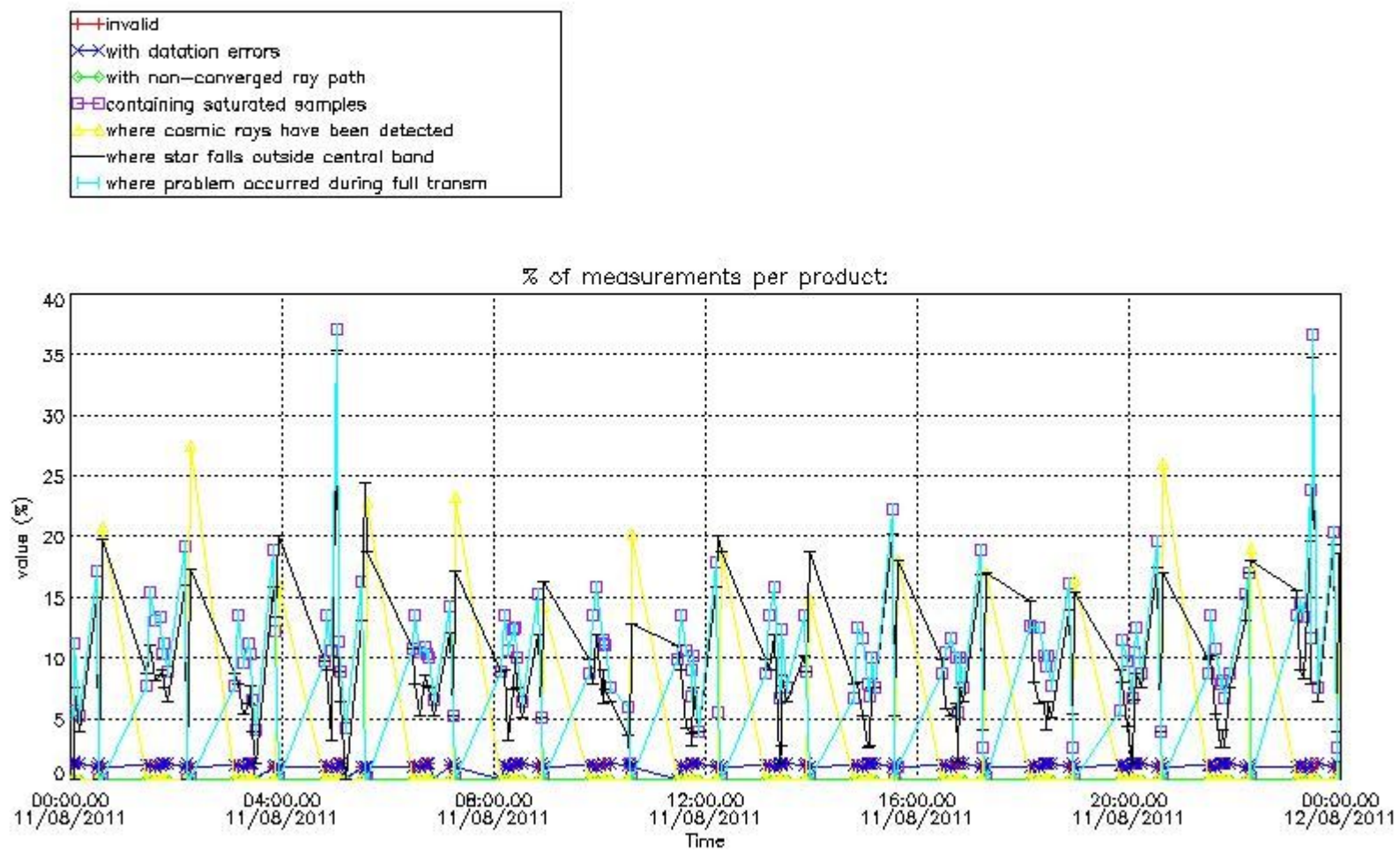
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

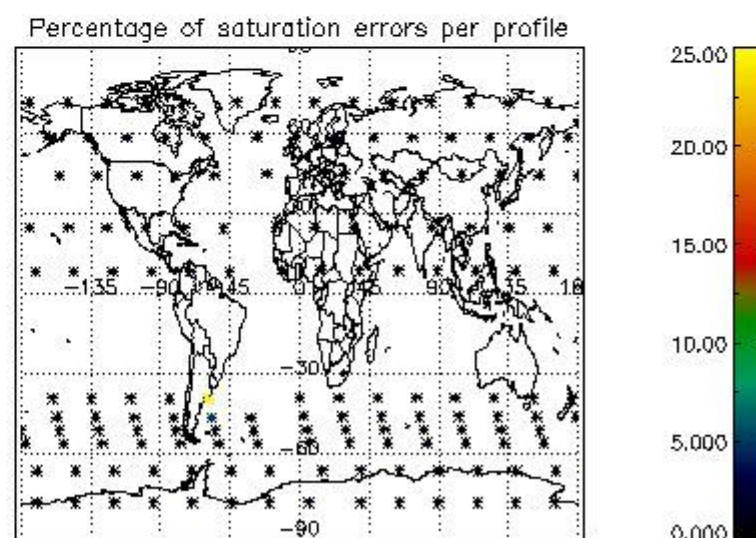
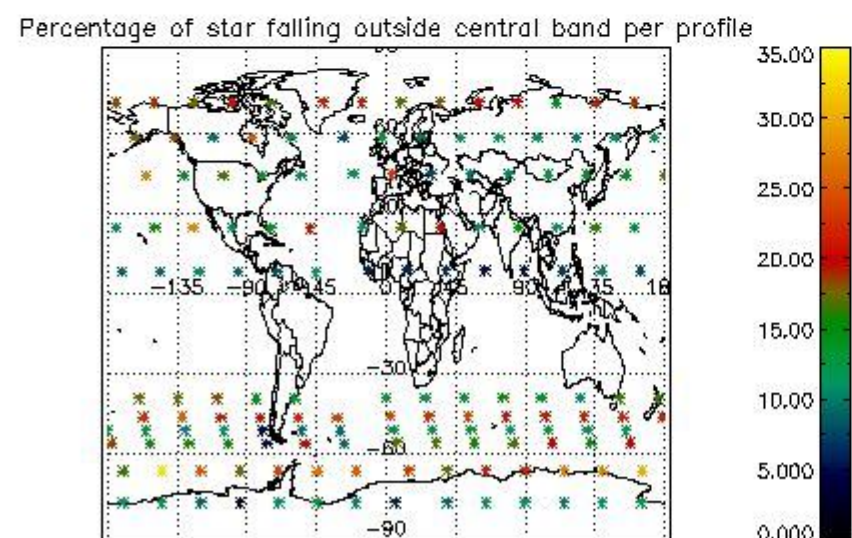
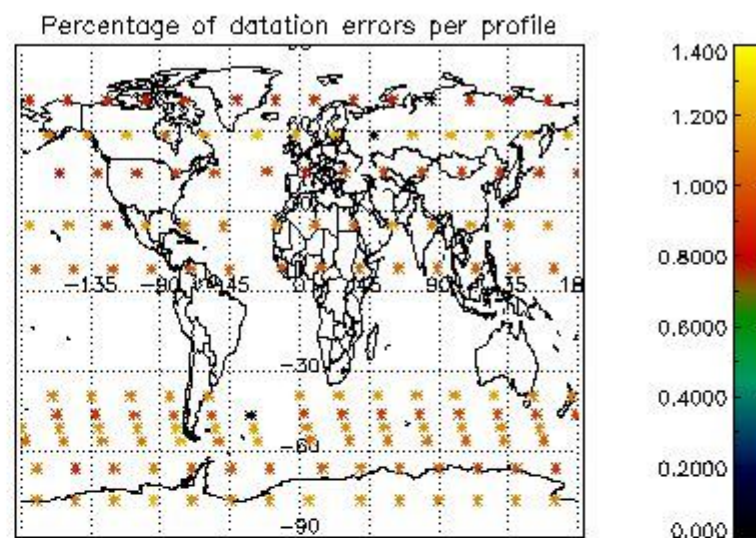
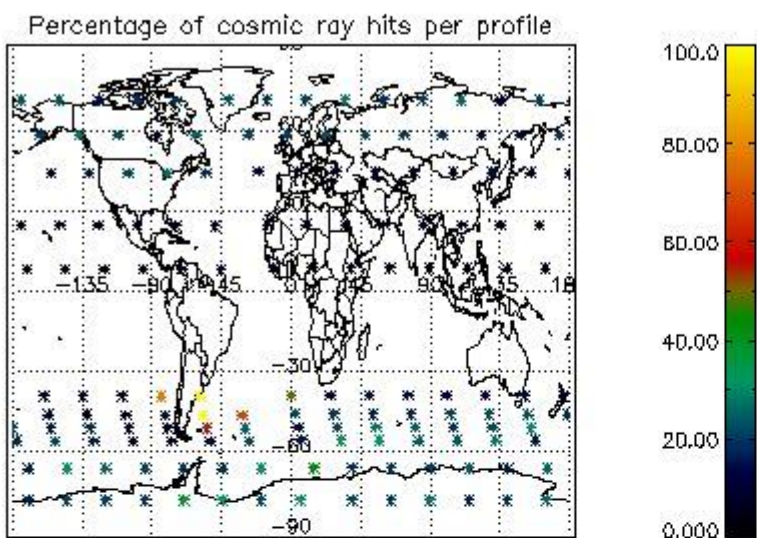


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

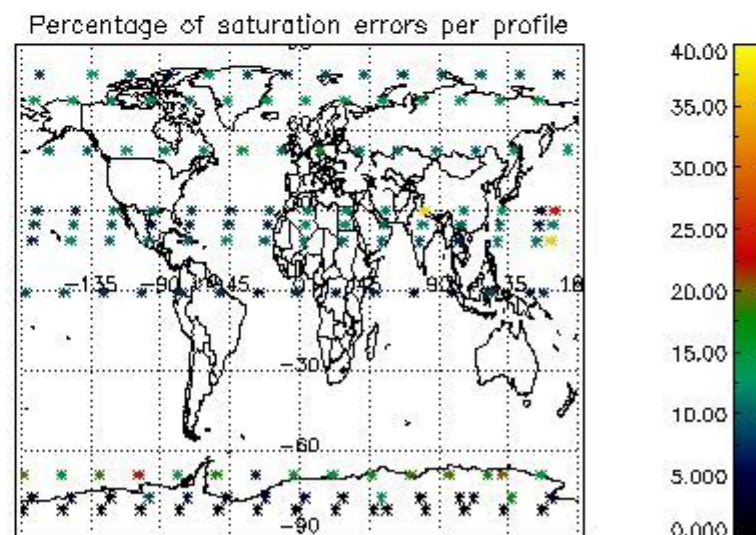
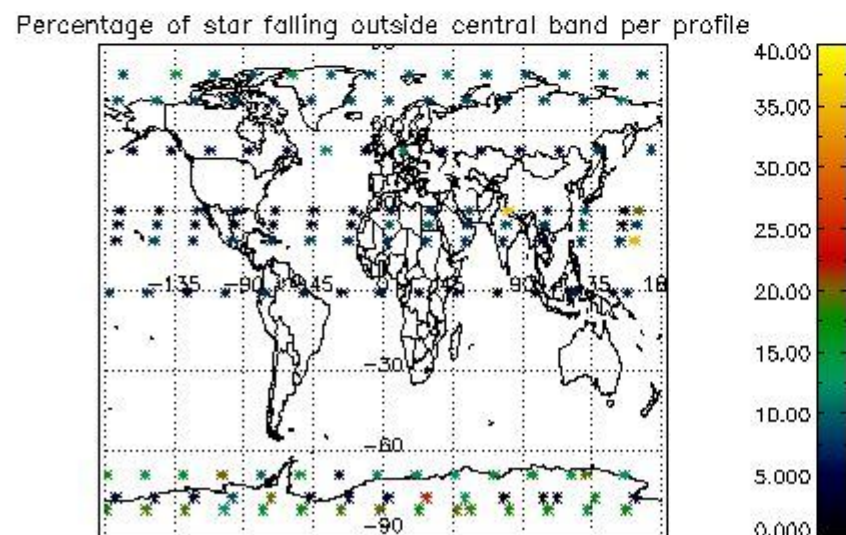
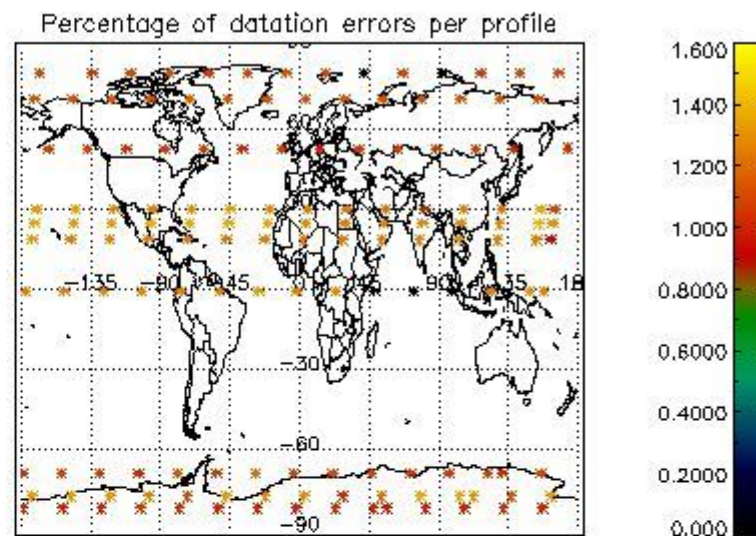
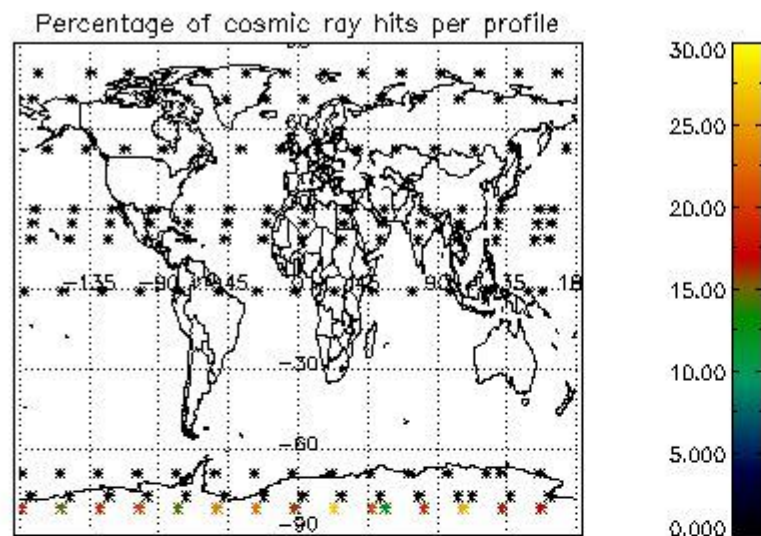


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

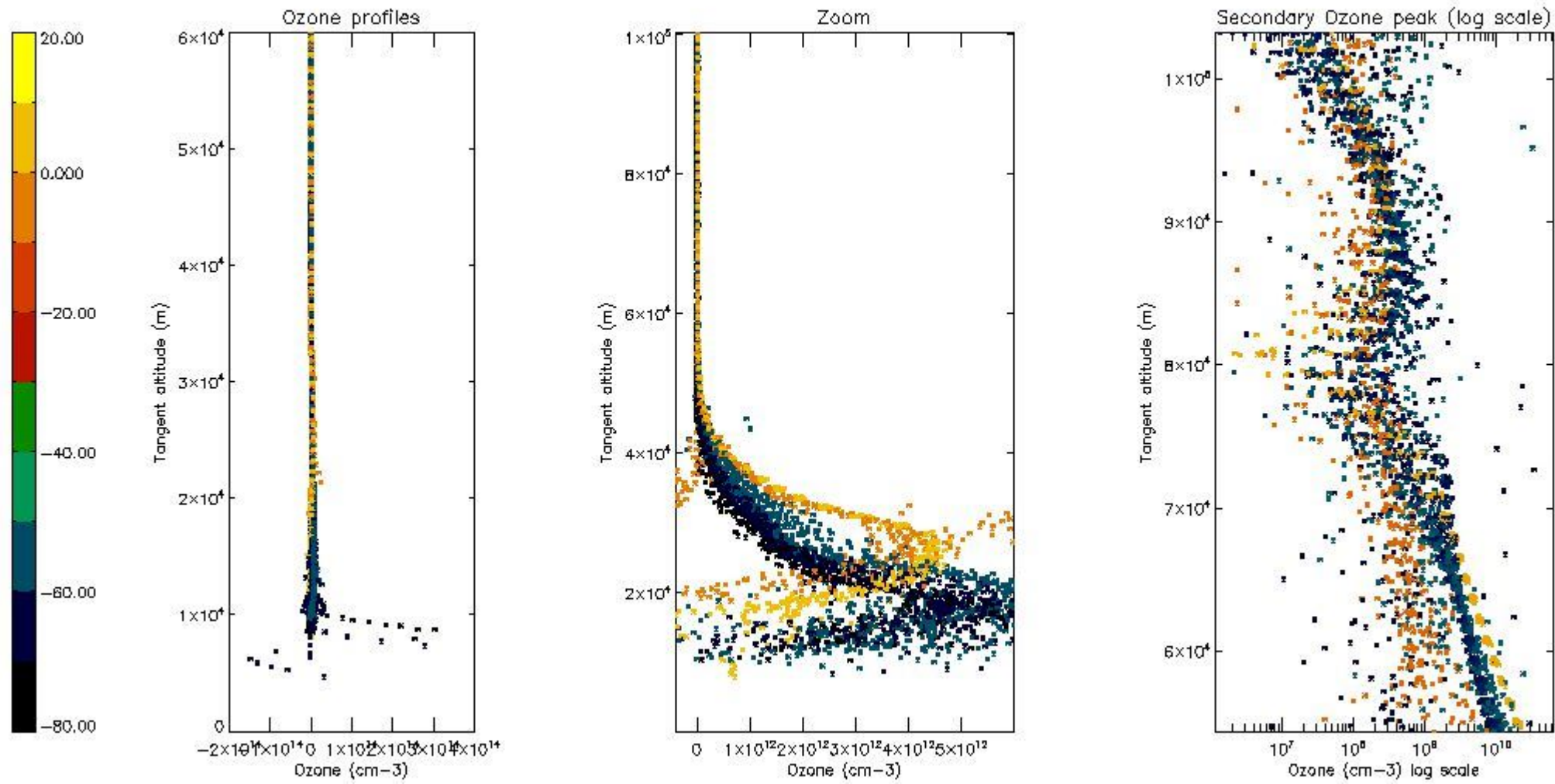
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	34
STD < 20	19

STD < 10	14
STD < 5	10

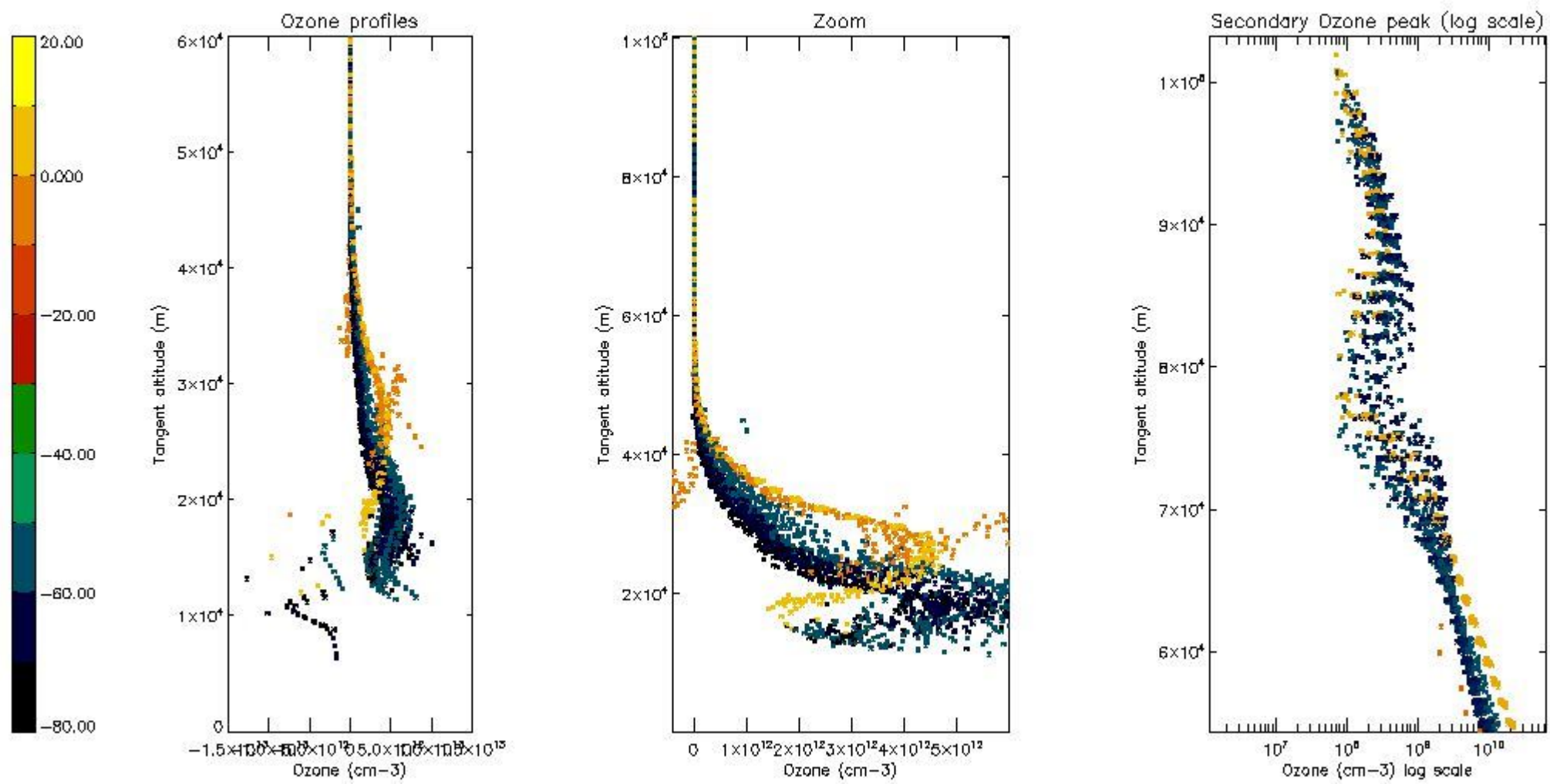
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



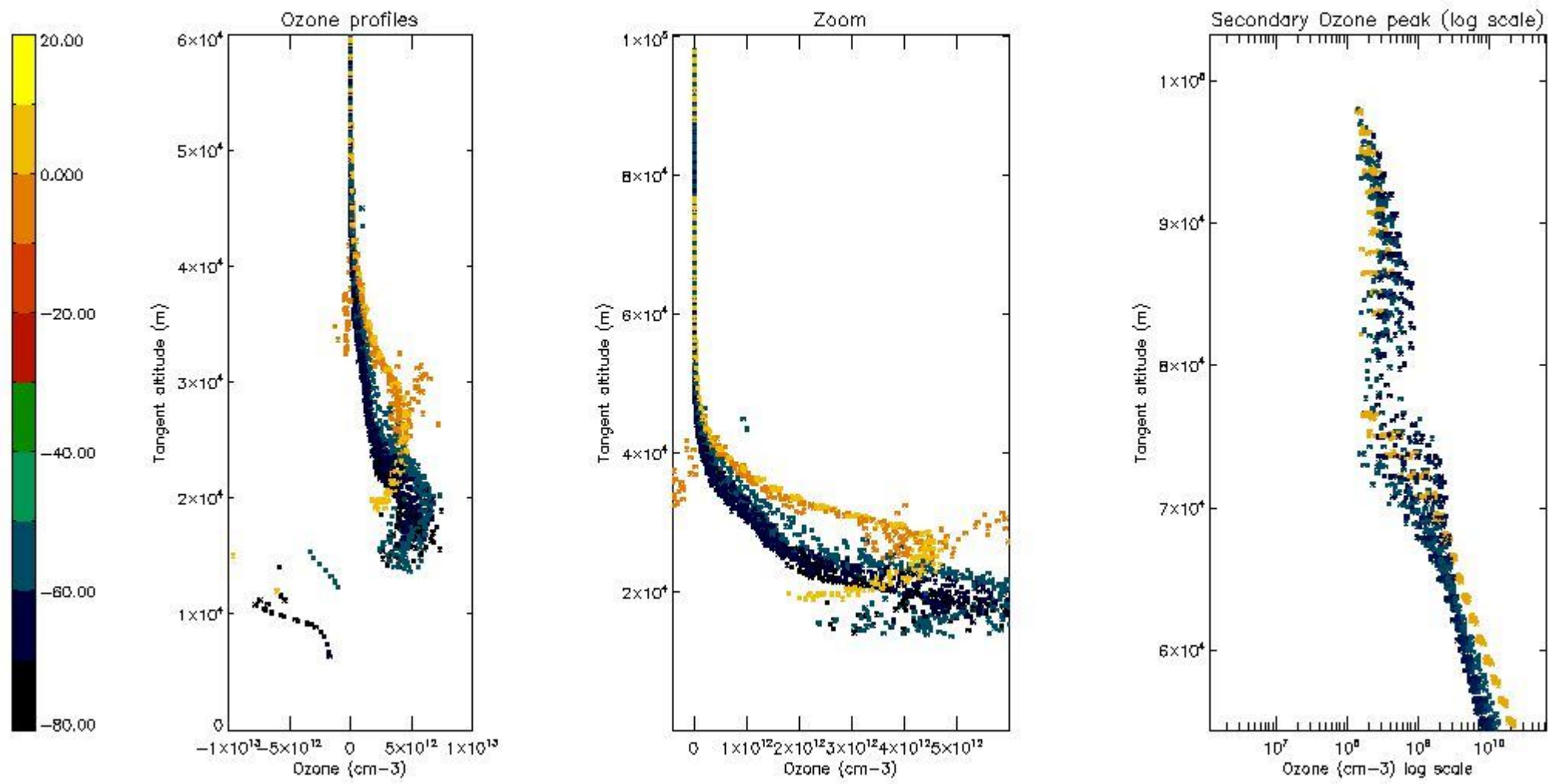
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



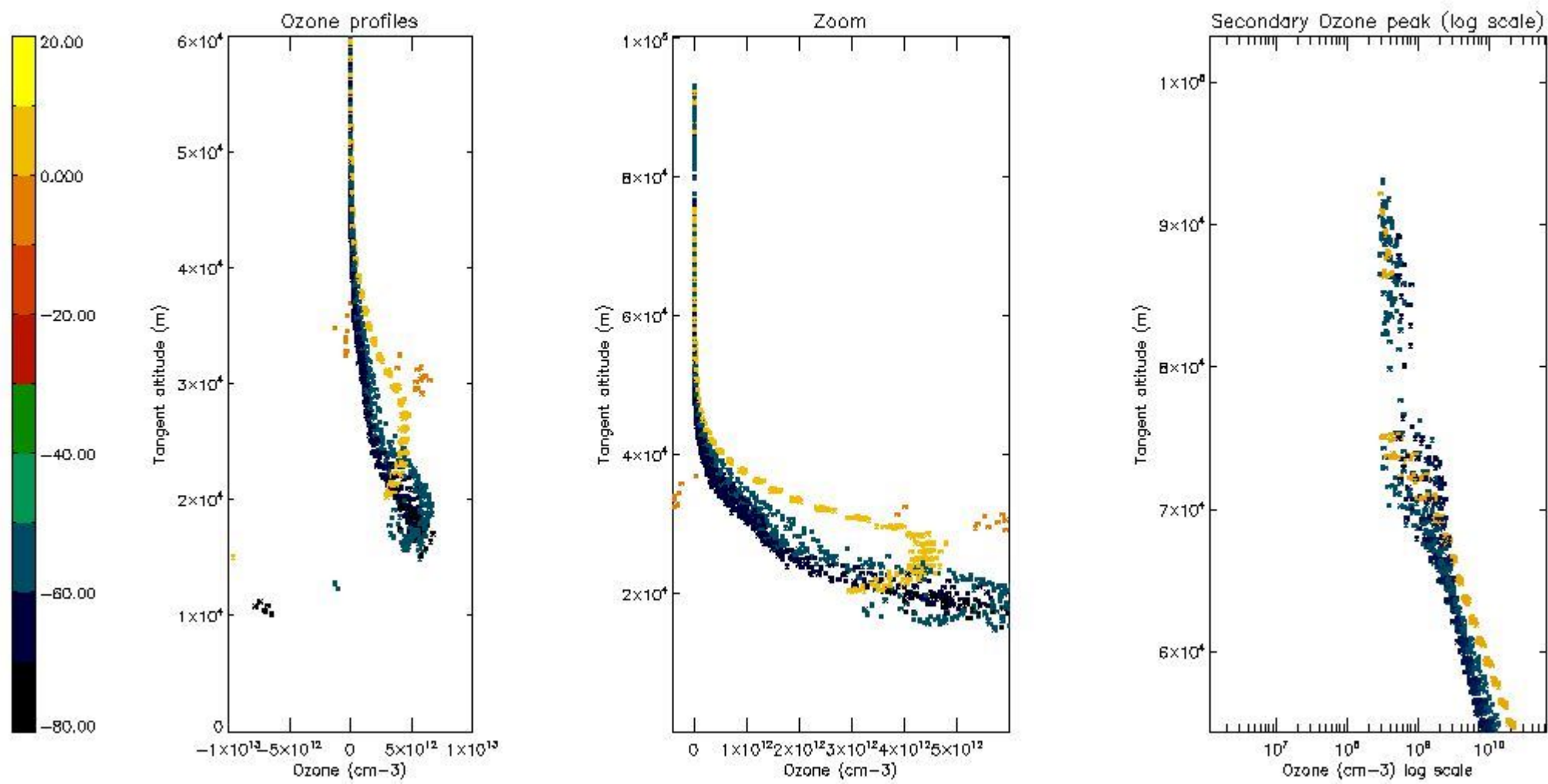
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



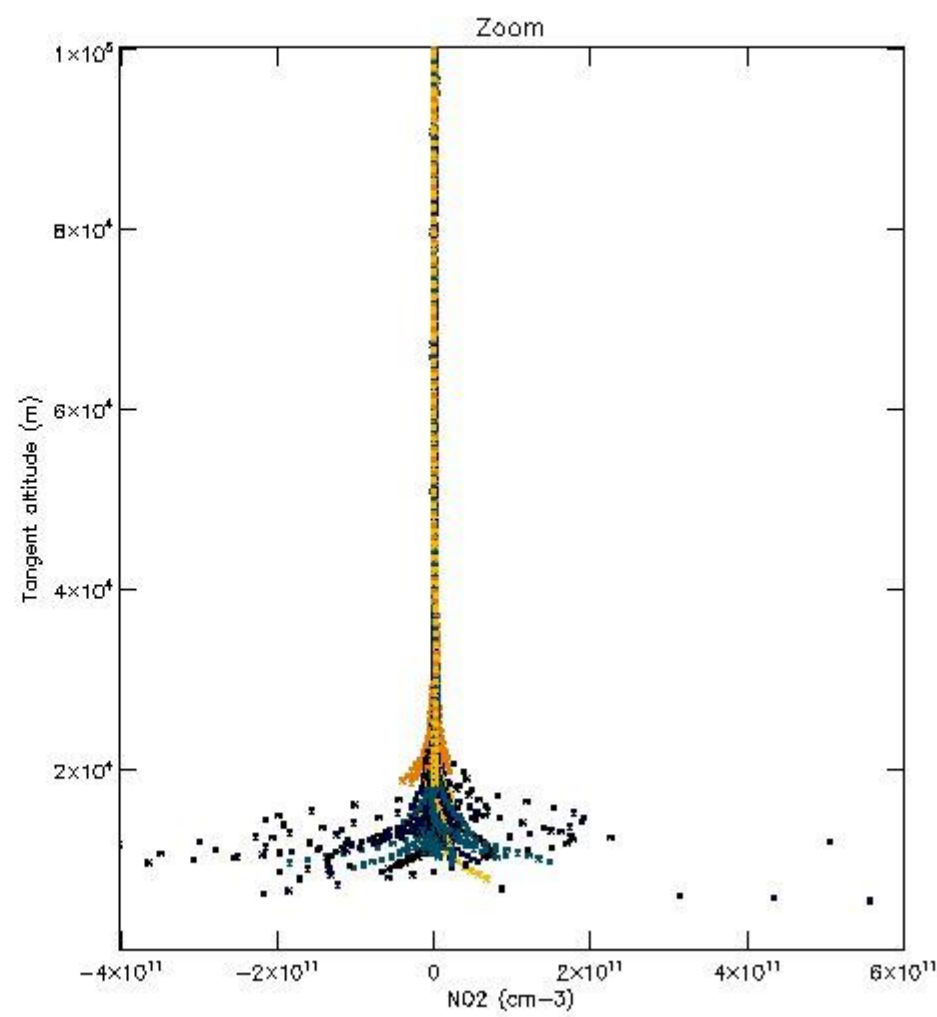
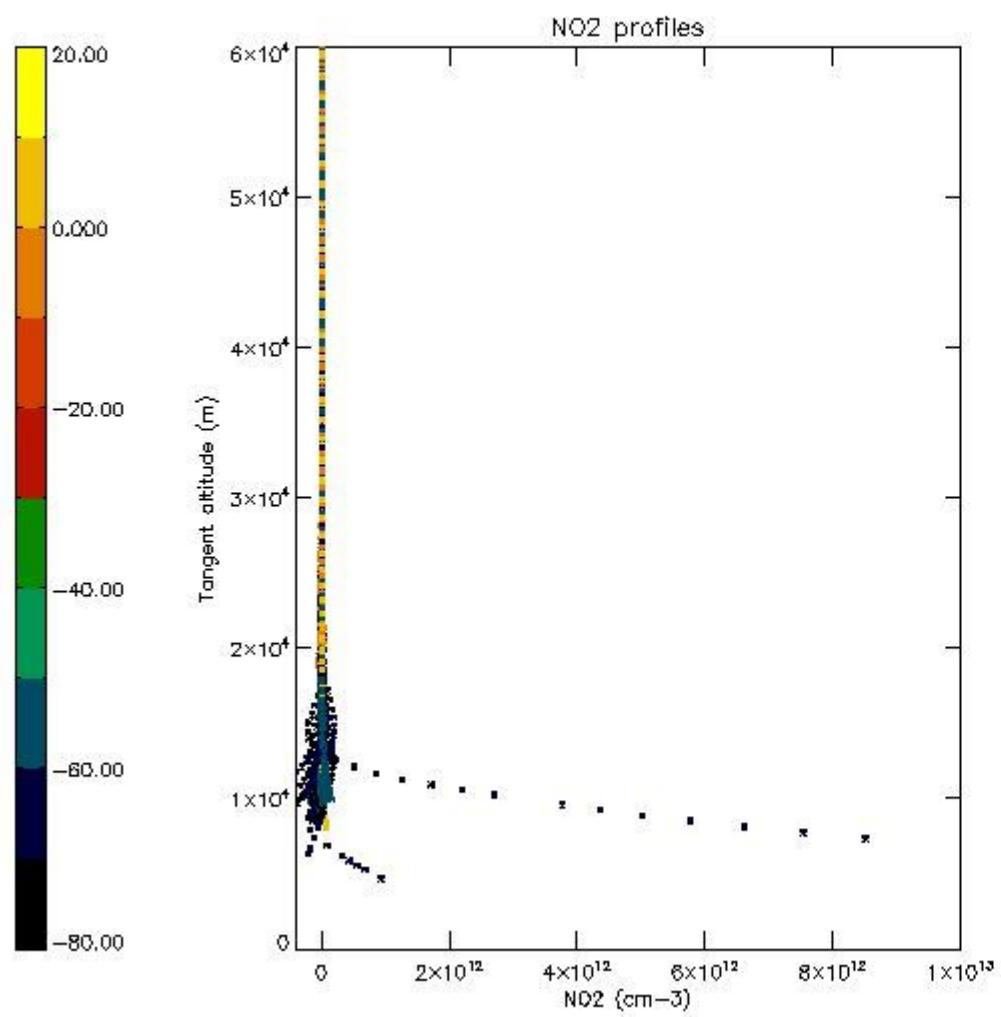
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



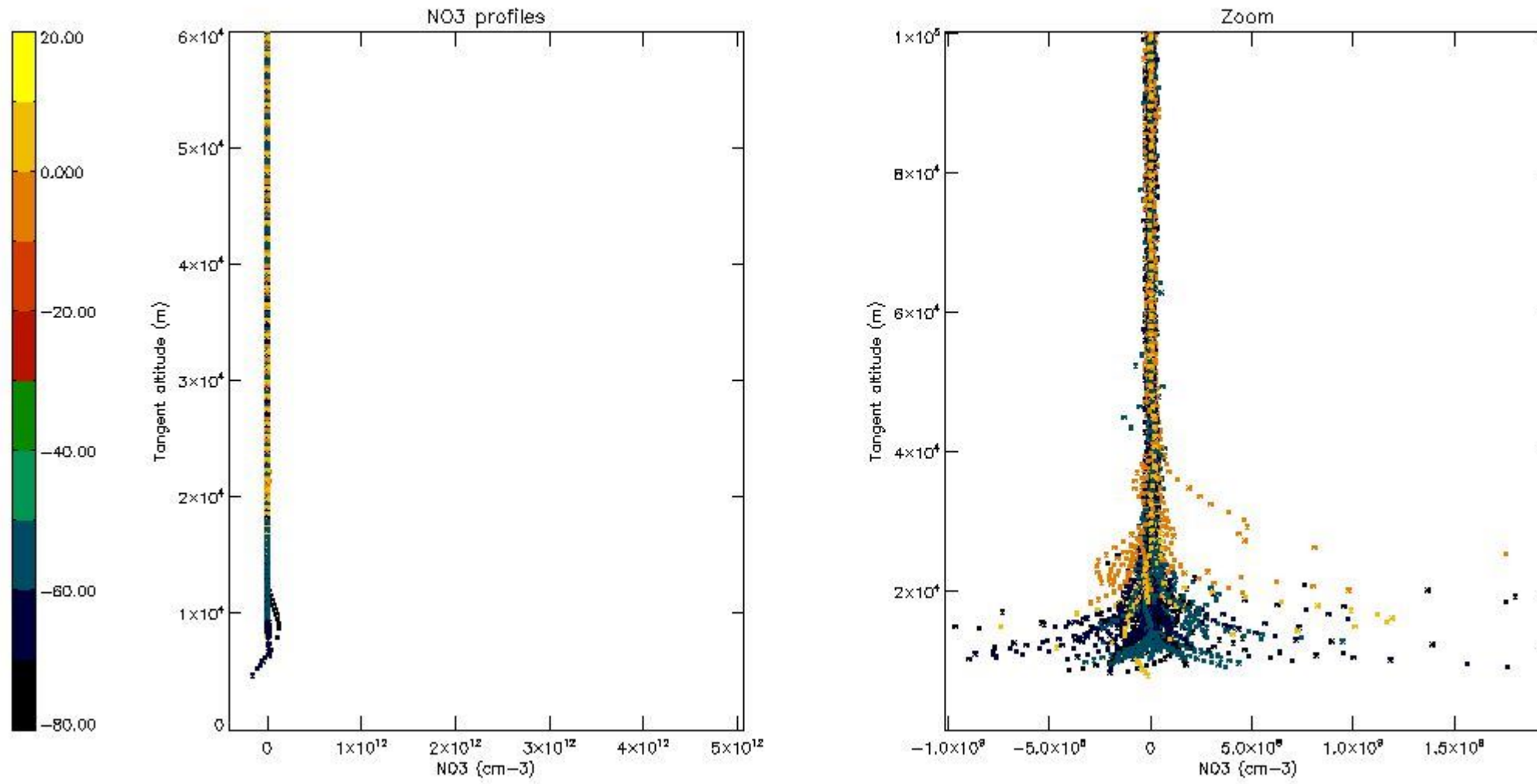
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

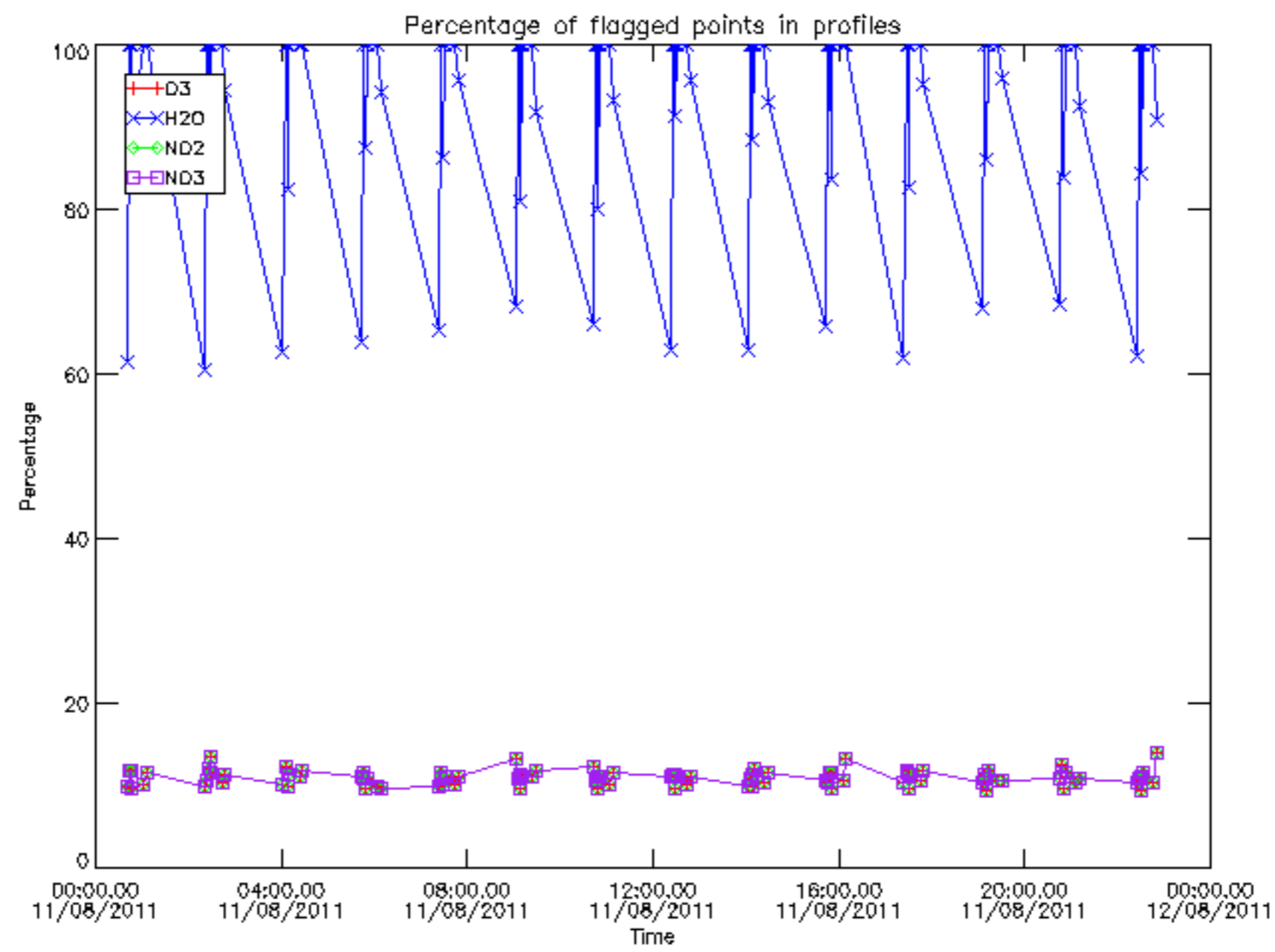
The colorbar represents the latitude.



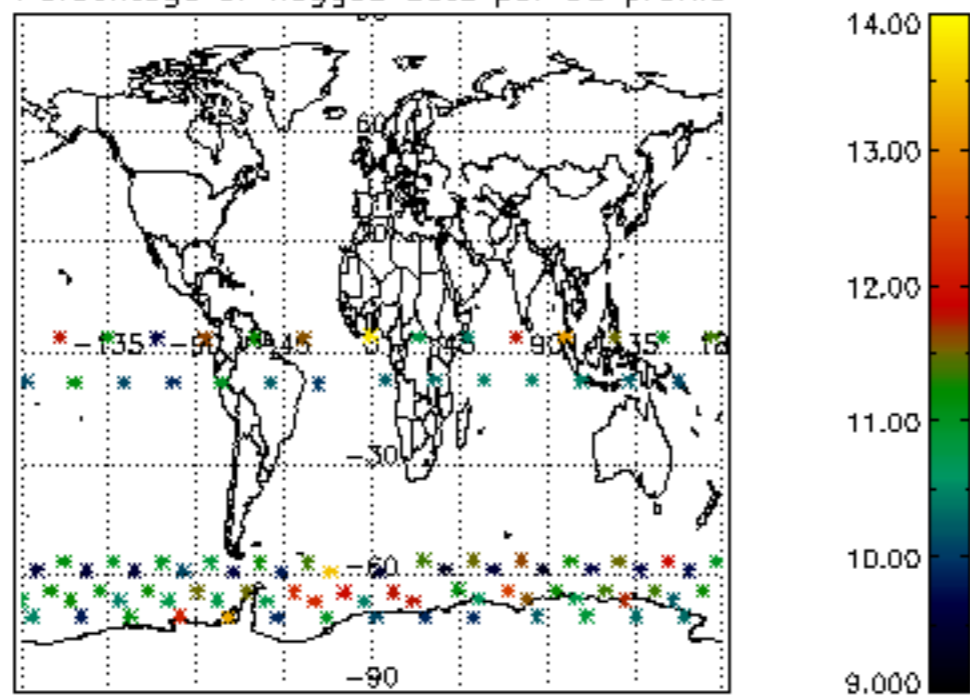
6. Auxiliary Data Files used for the production reported in section 2

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.

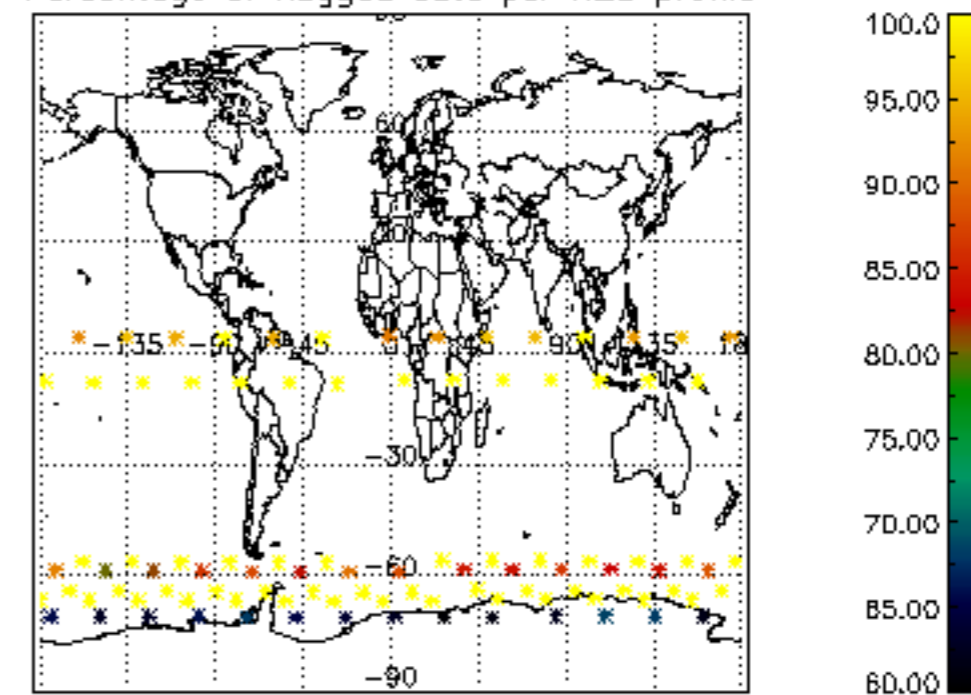
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	11-AUG-2011 00:01:48
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	11-AUG-2011 00:01:48
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	11-AUG-2011 00:01:48



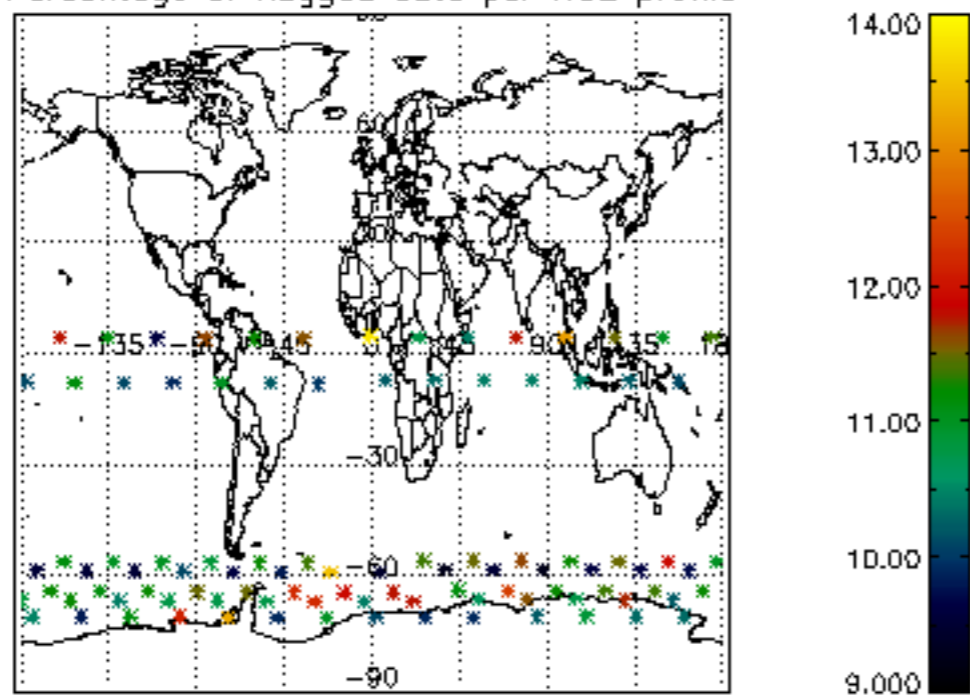
Percentage of flagged data per D3 profile



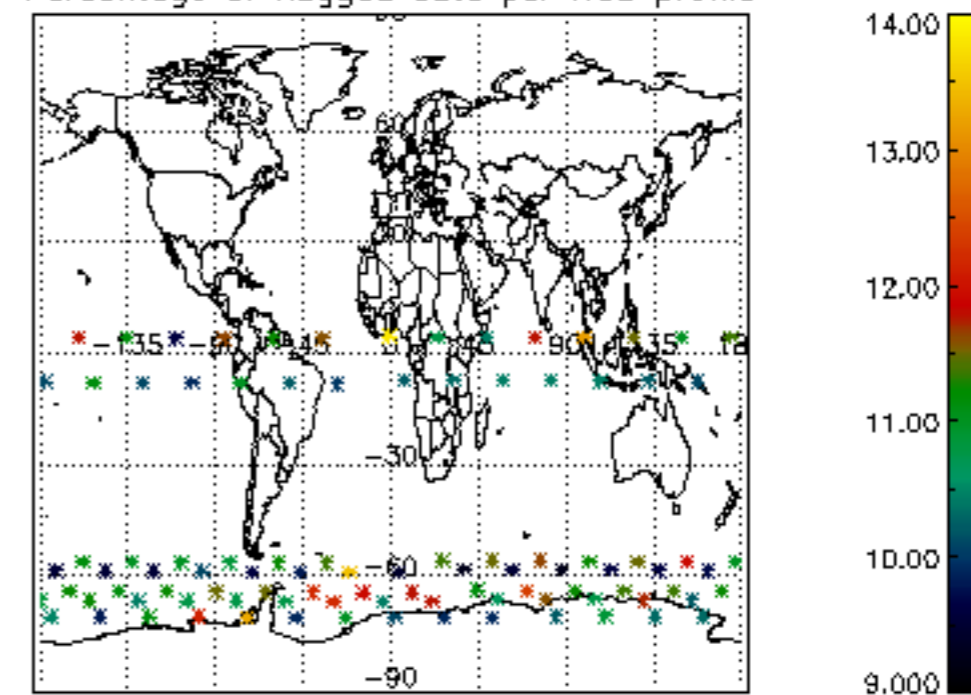
Percentage of flagged data per H2O profile

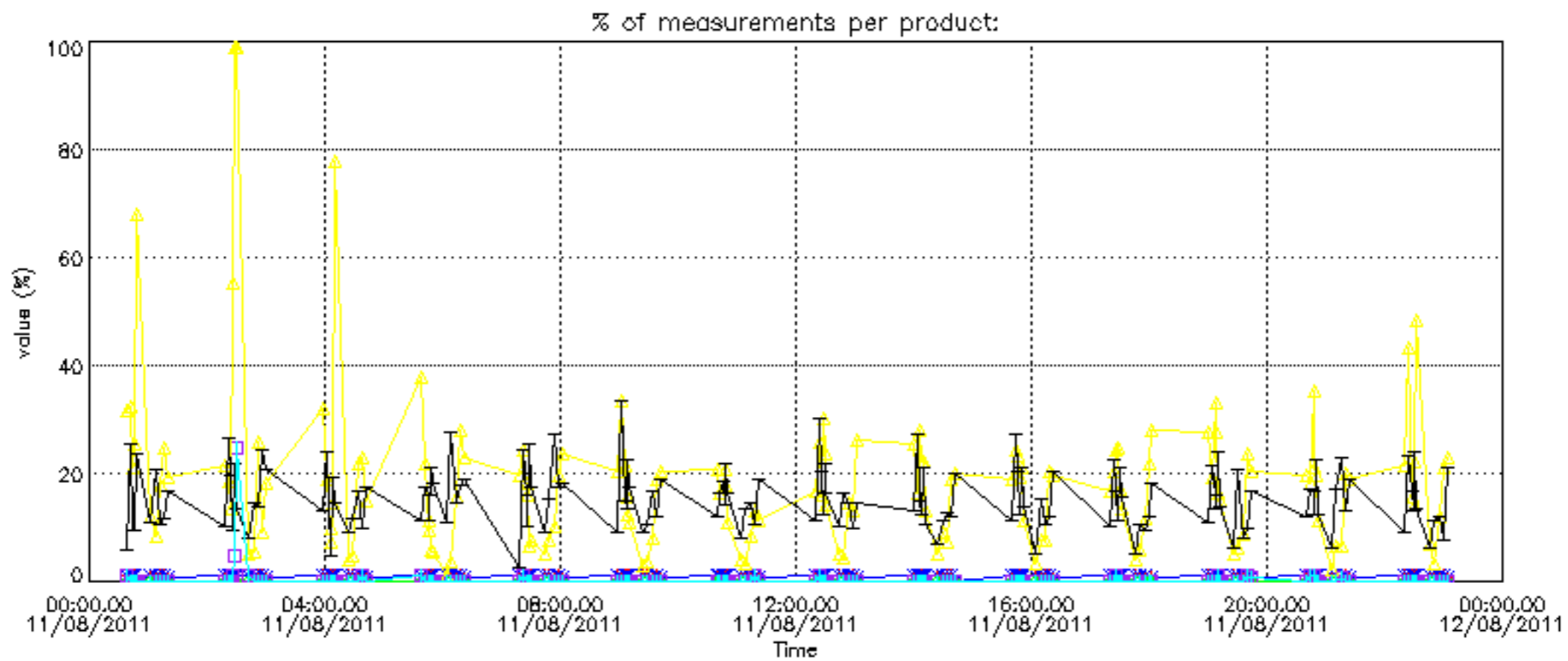


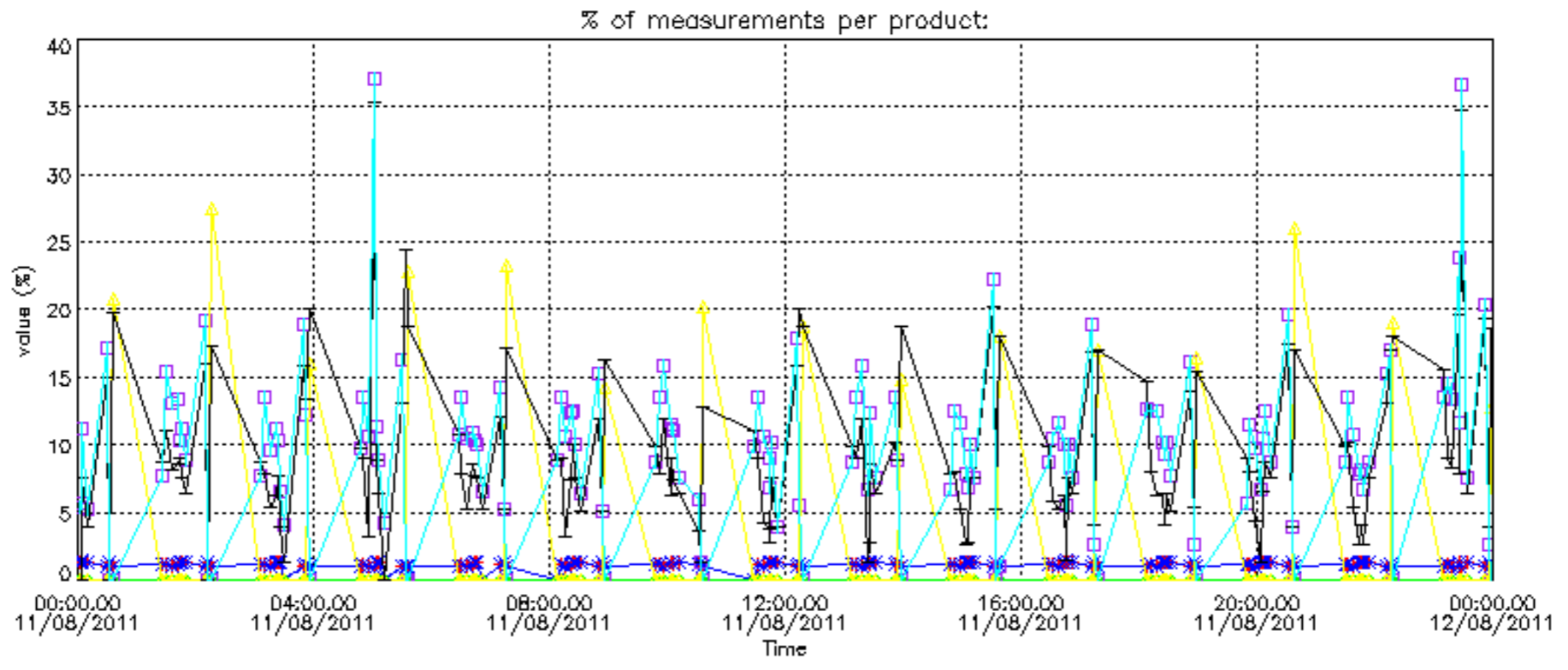
Percentage of flagged data per NO2 profile



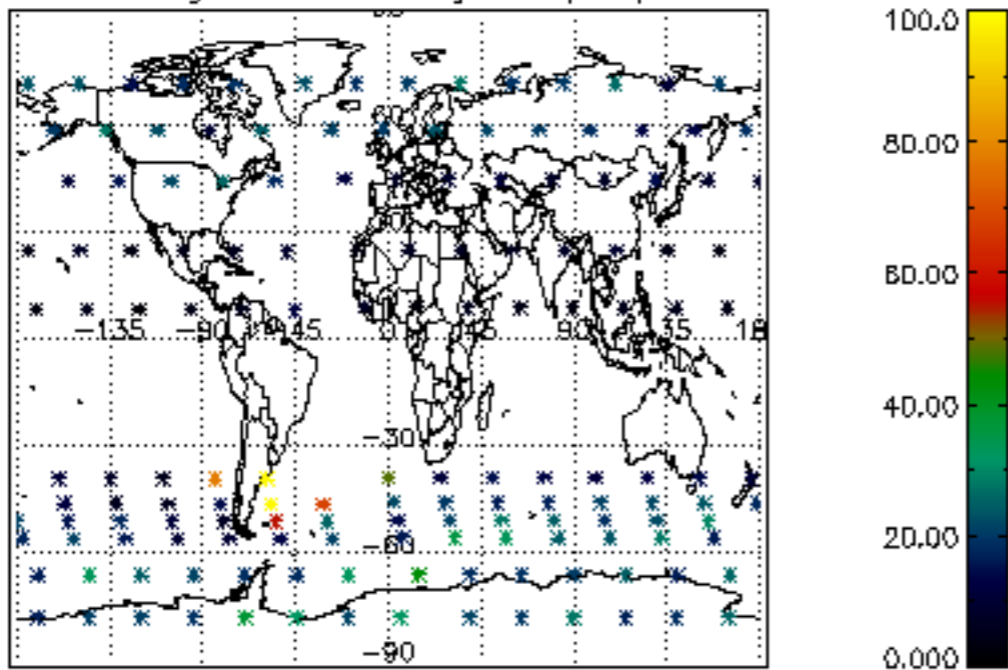
Percentage of flagged data per NO3 profile



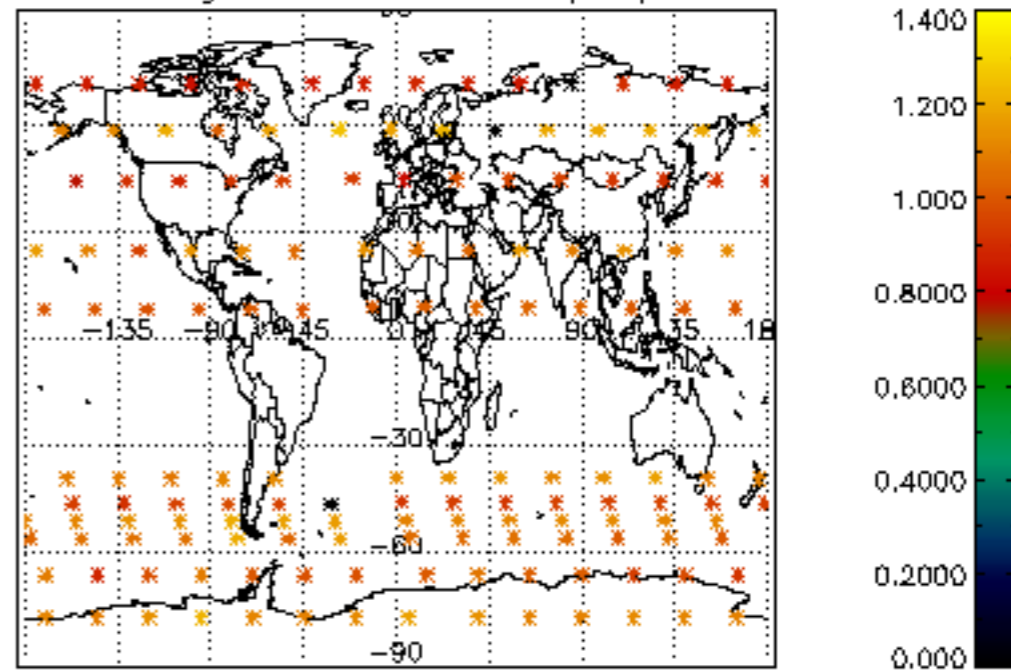




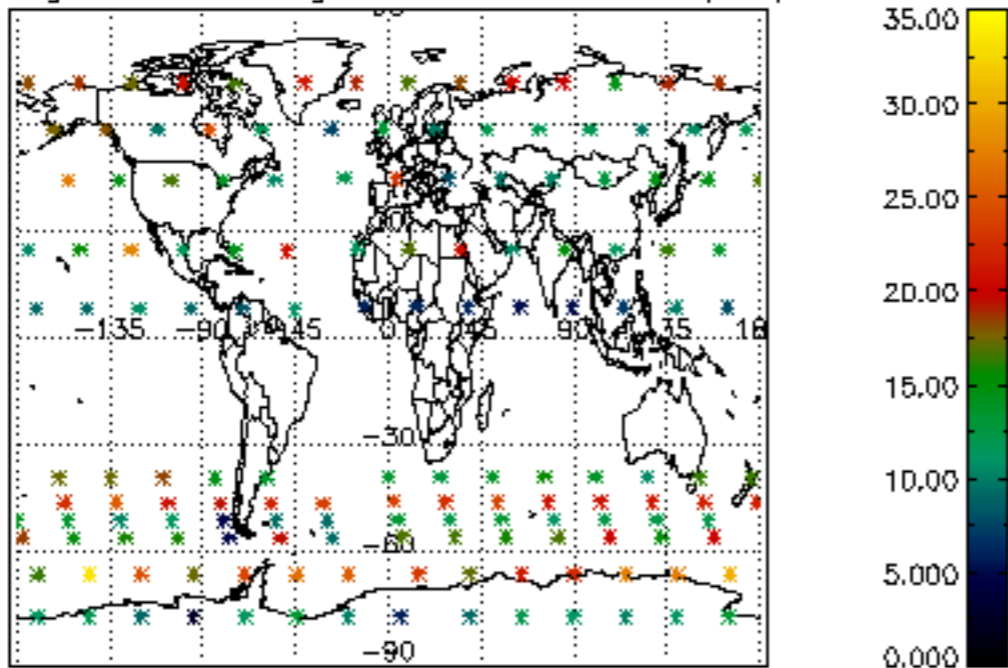
Percentage of cosmic ray hits per profile



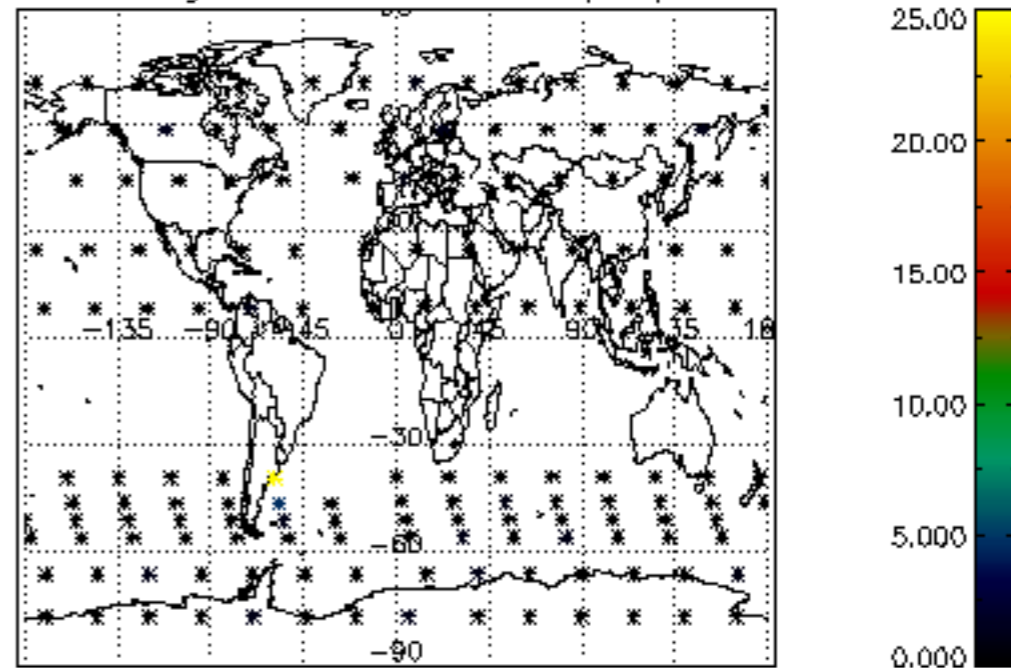
Percentage of datation errors per profile



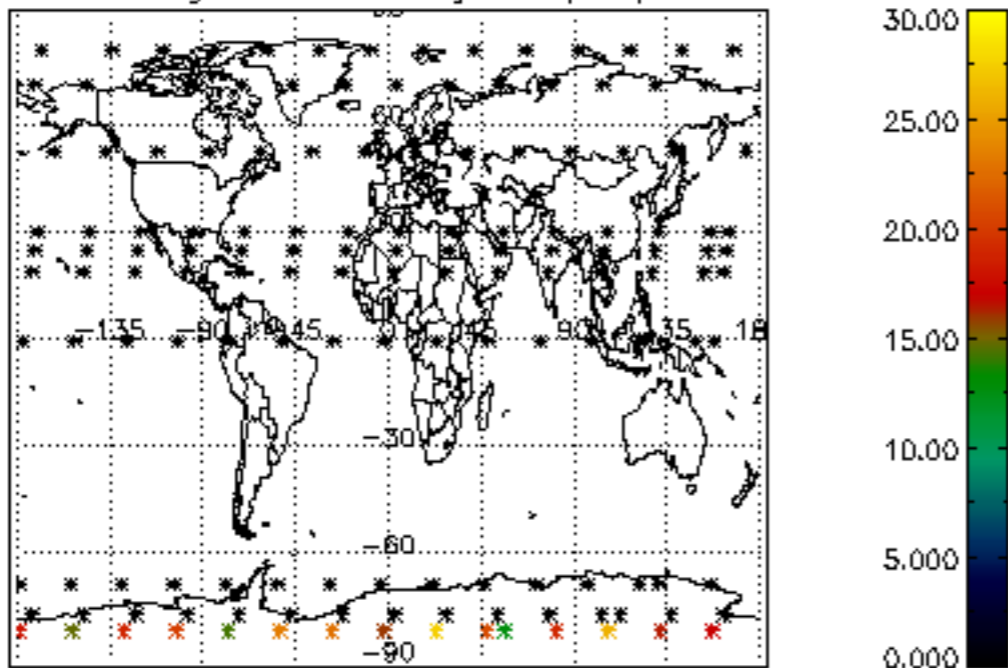
Percentage of star falling outside central band per profile



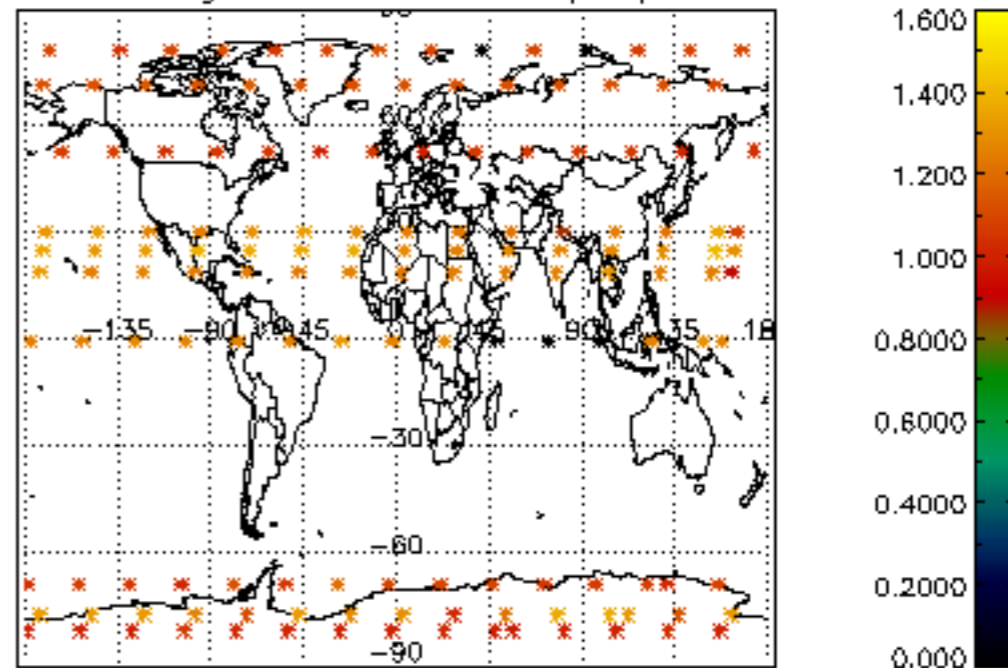
Percentage of saturation errors per profile



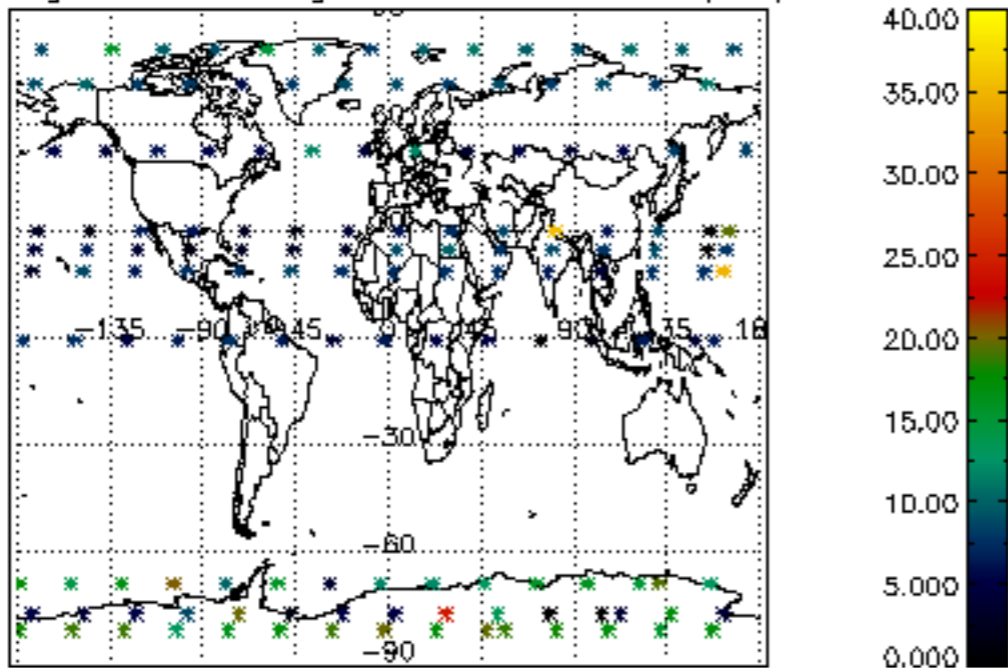
Percentage of cosmic ray hits per profile



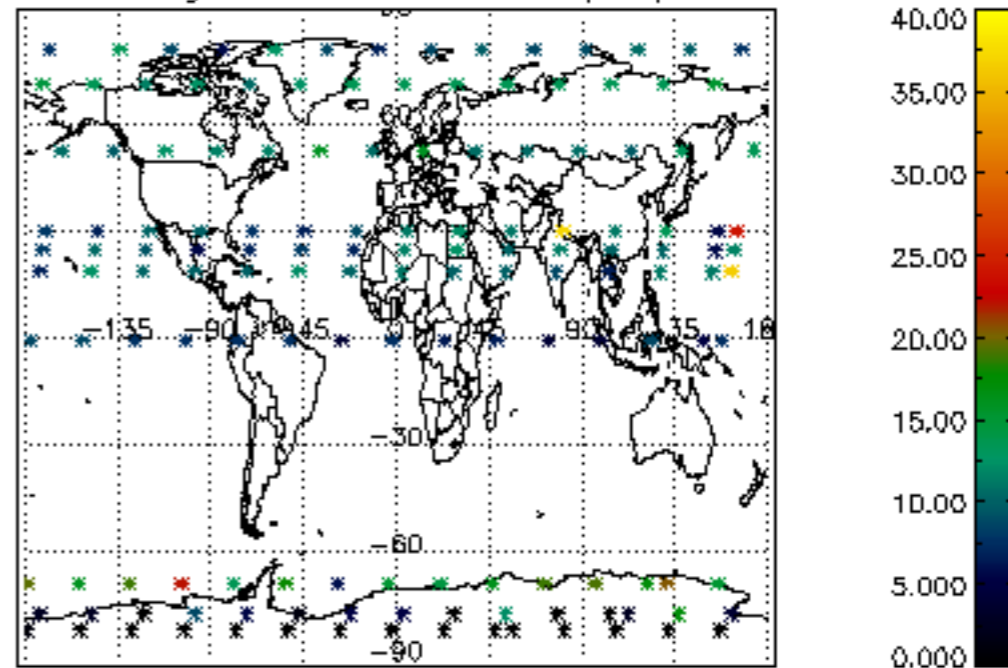
Percentage of datation errors per profile

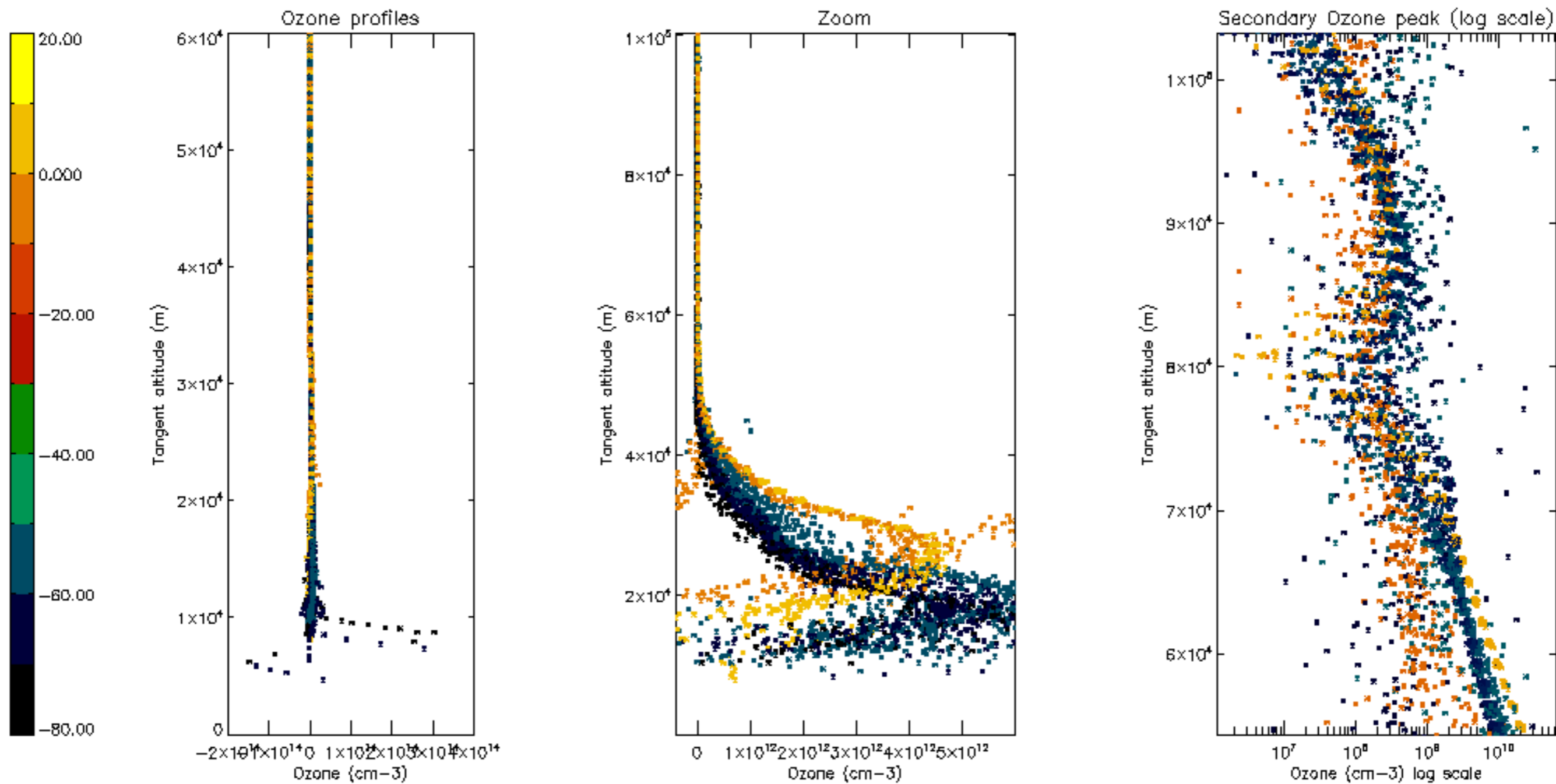


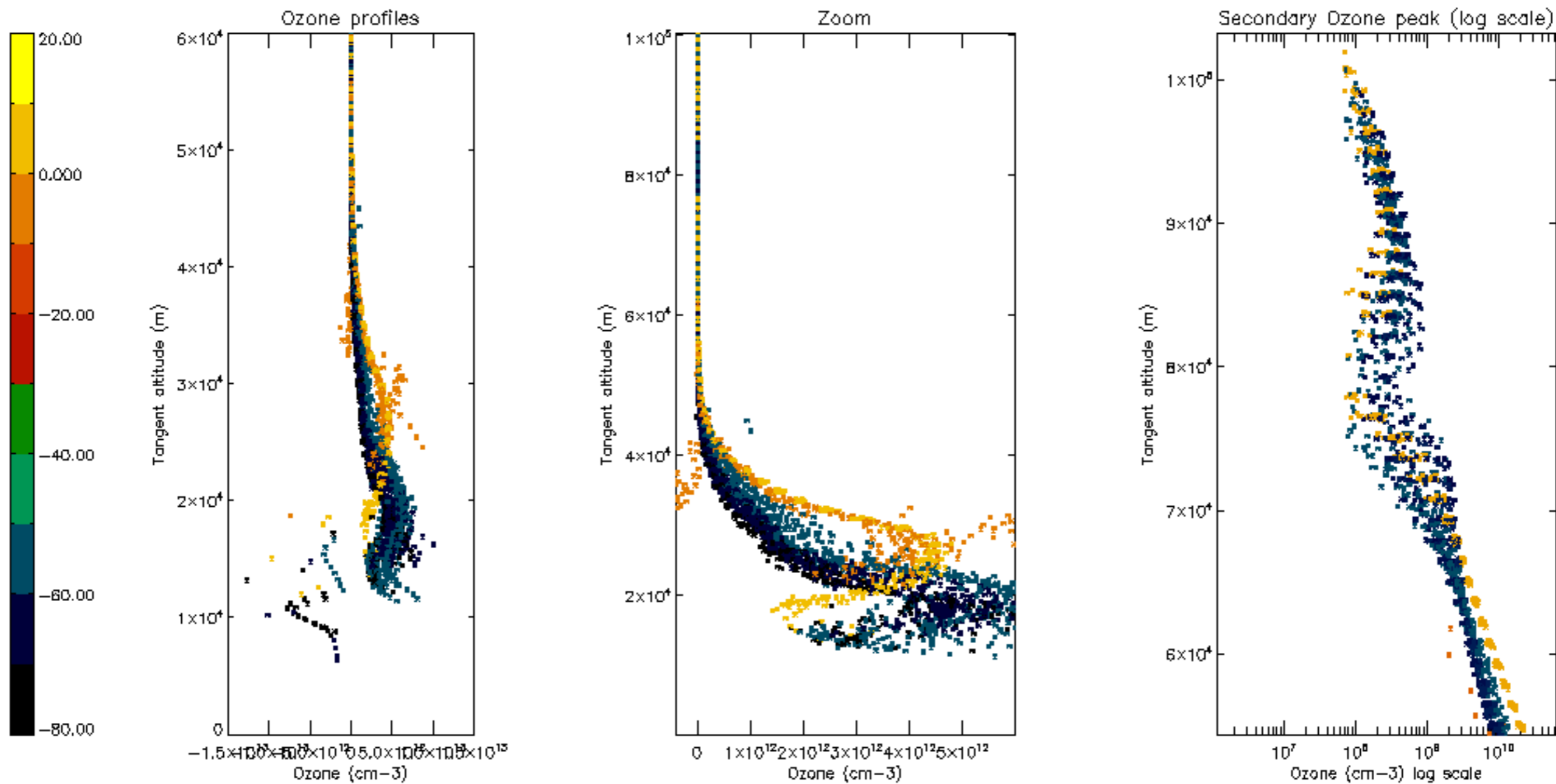
Percentage of star falling outside central band per profile

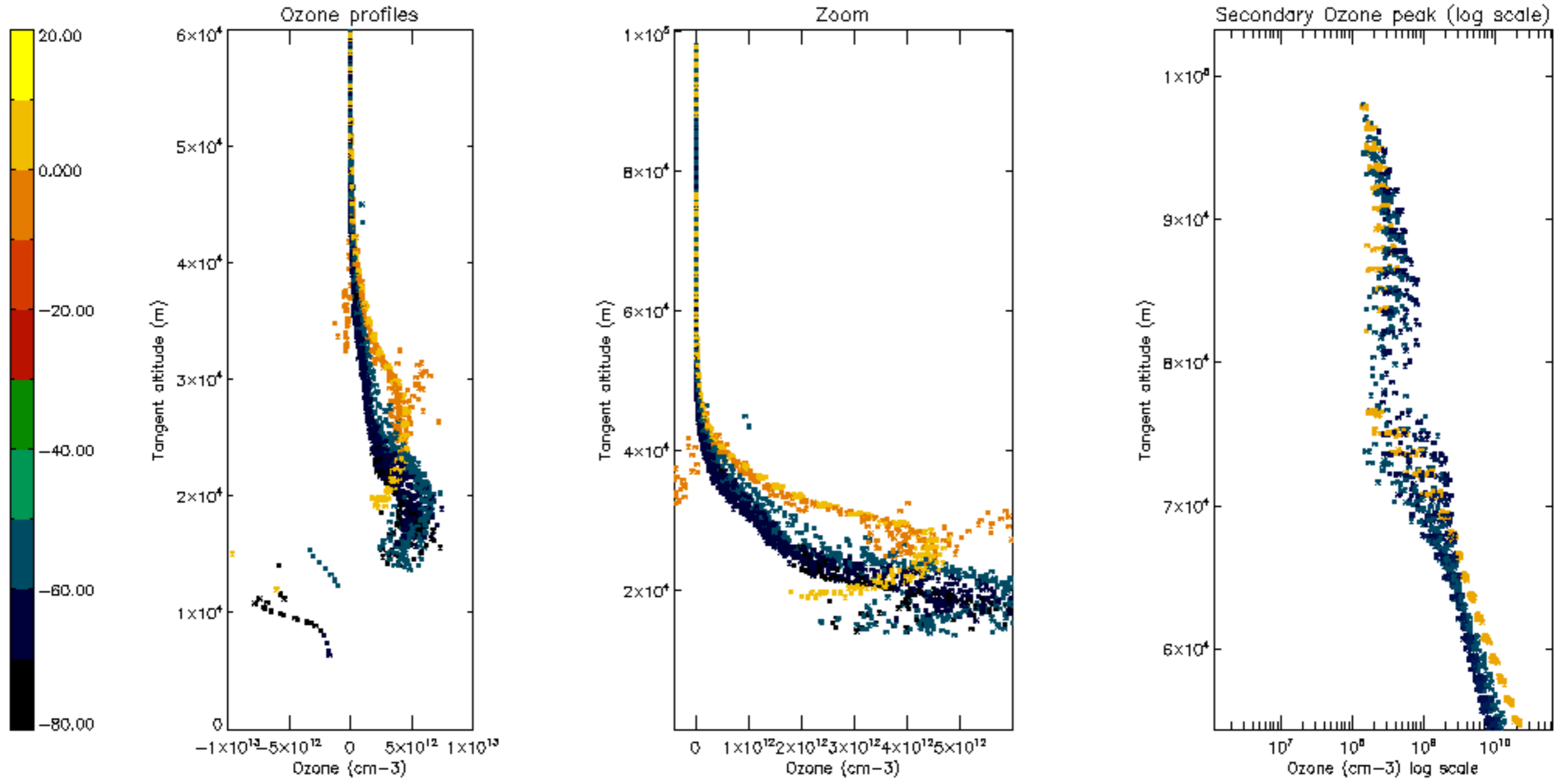


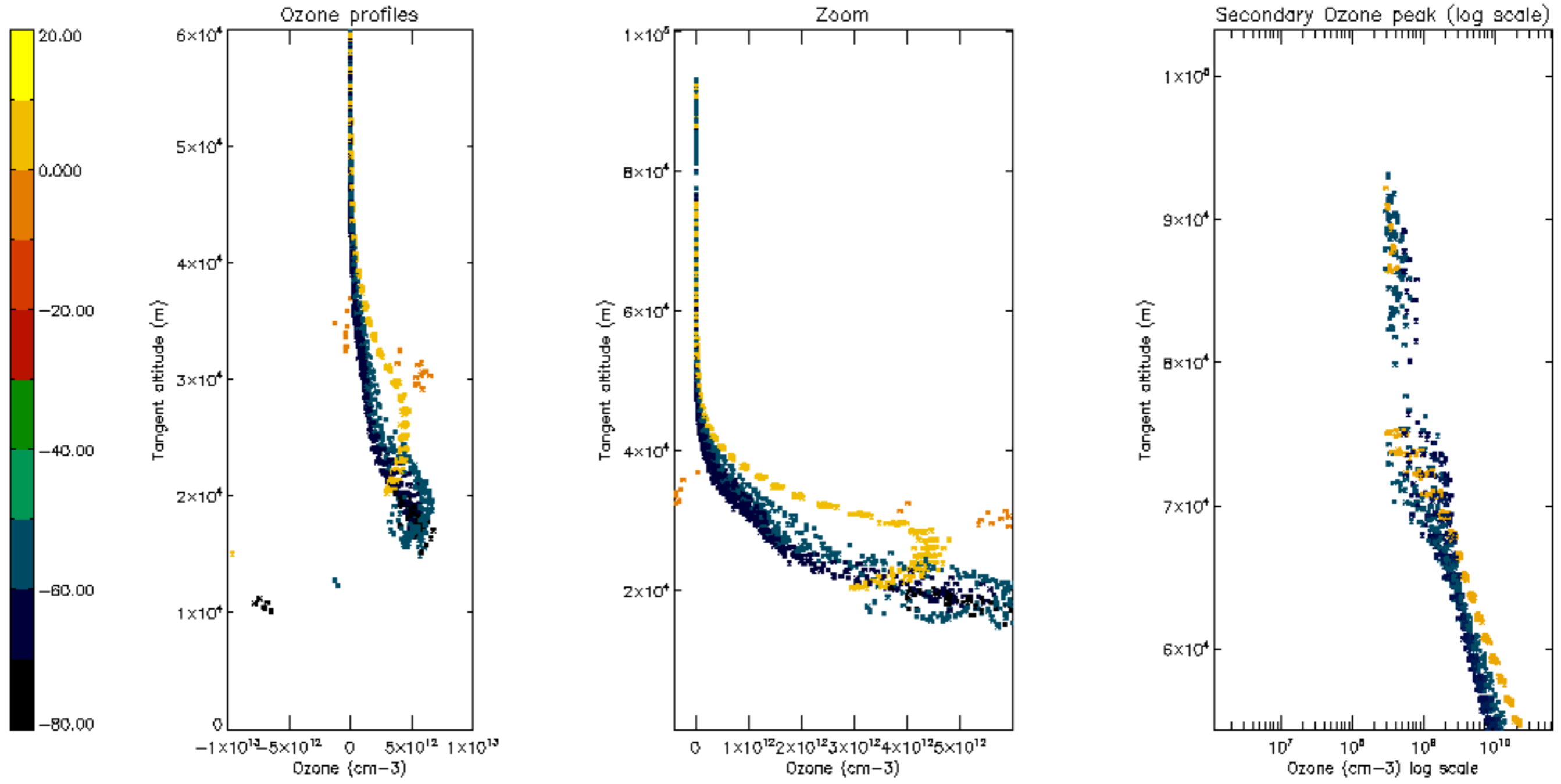
Percentage of saturation errors per profile

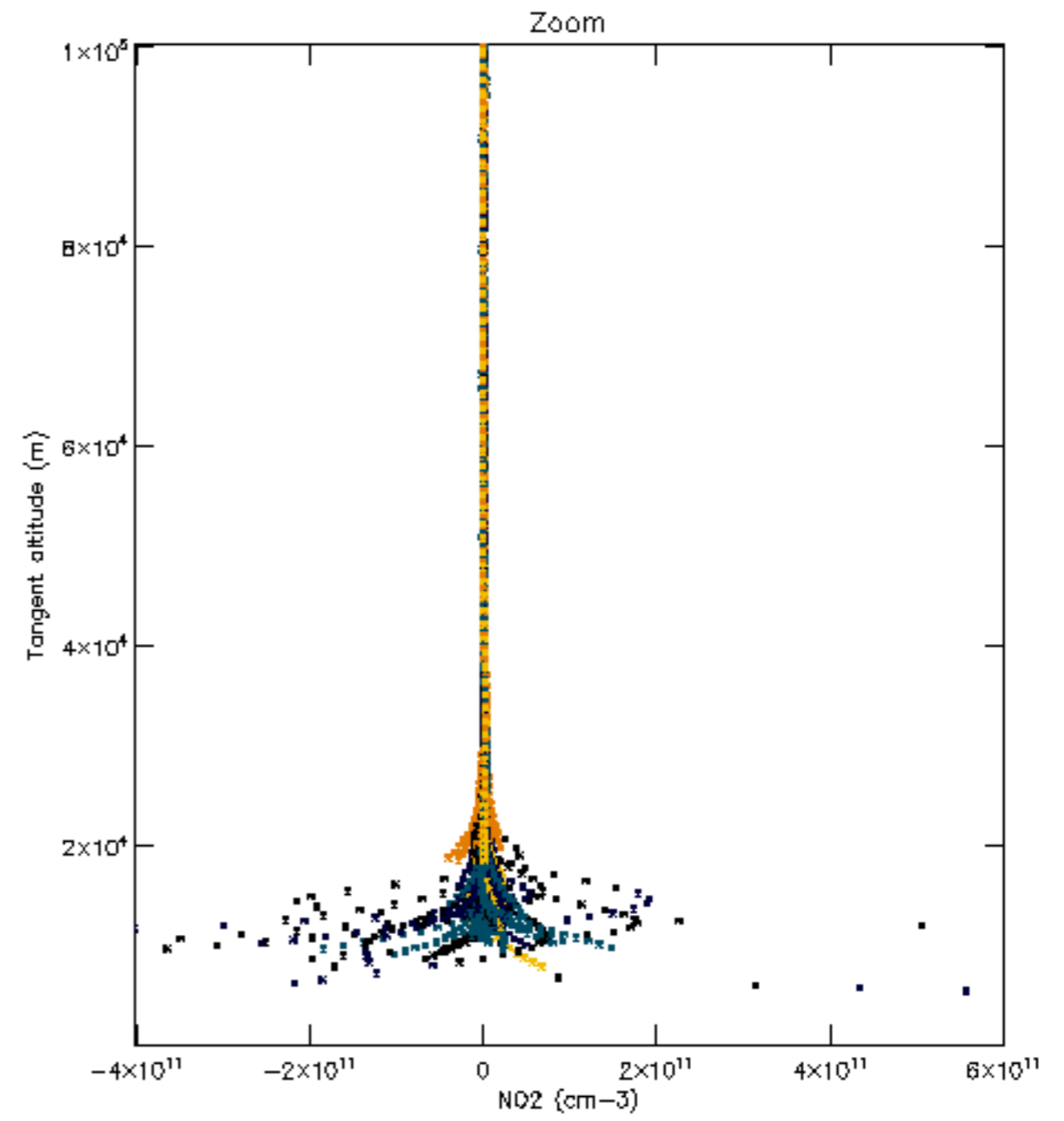
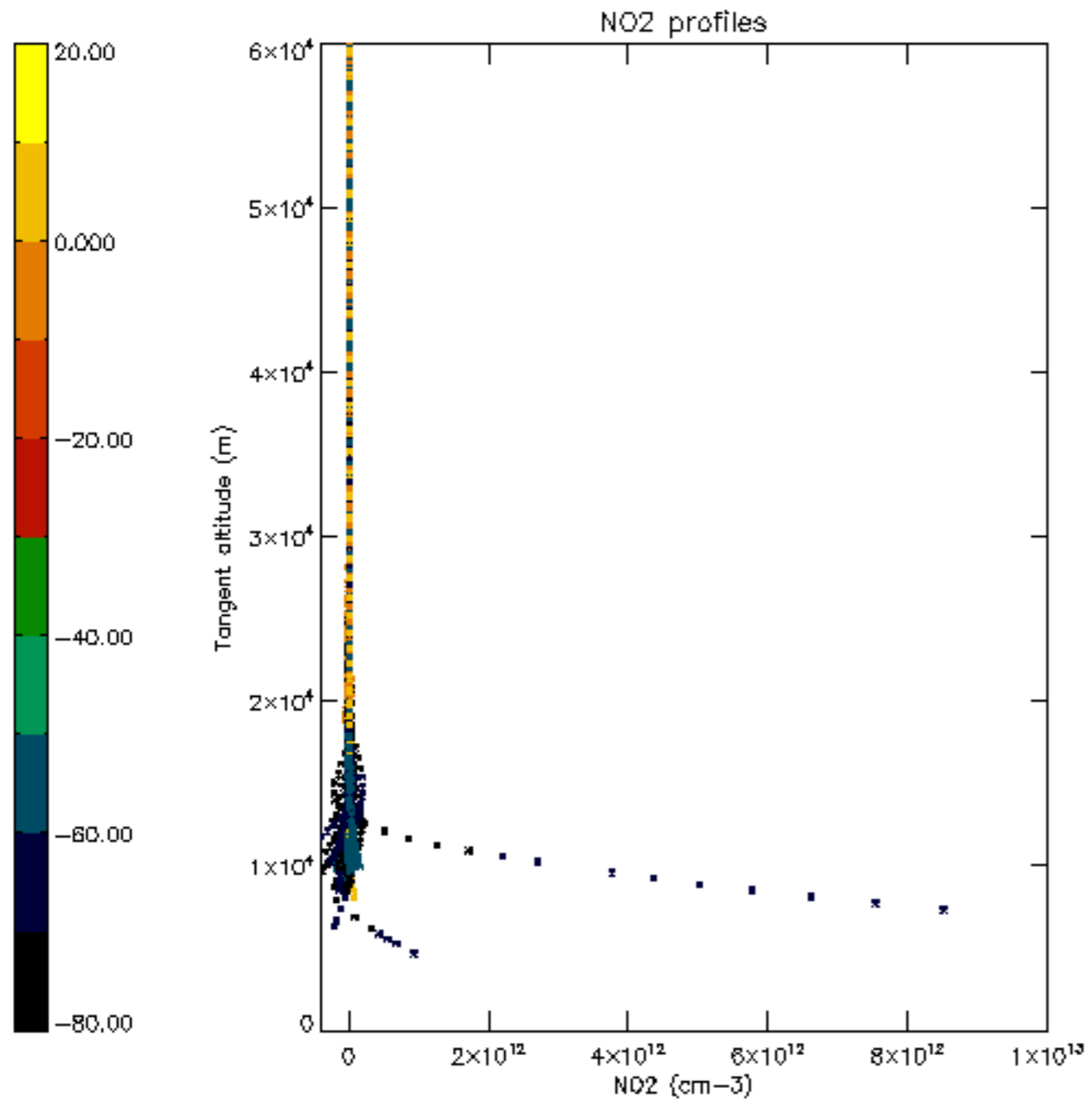


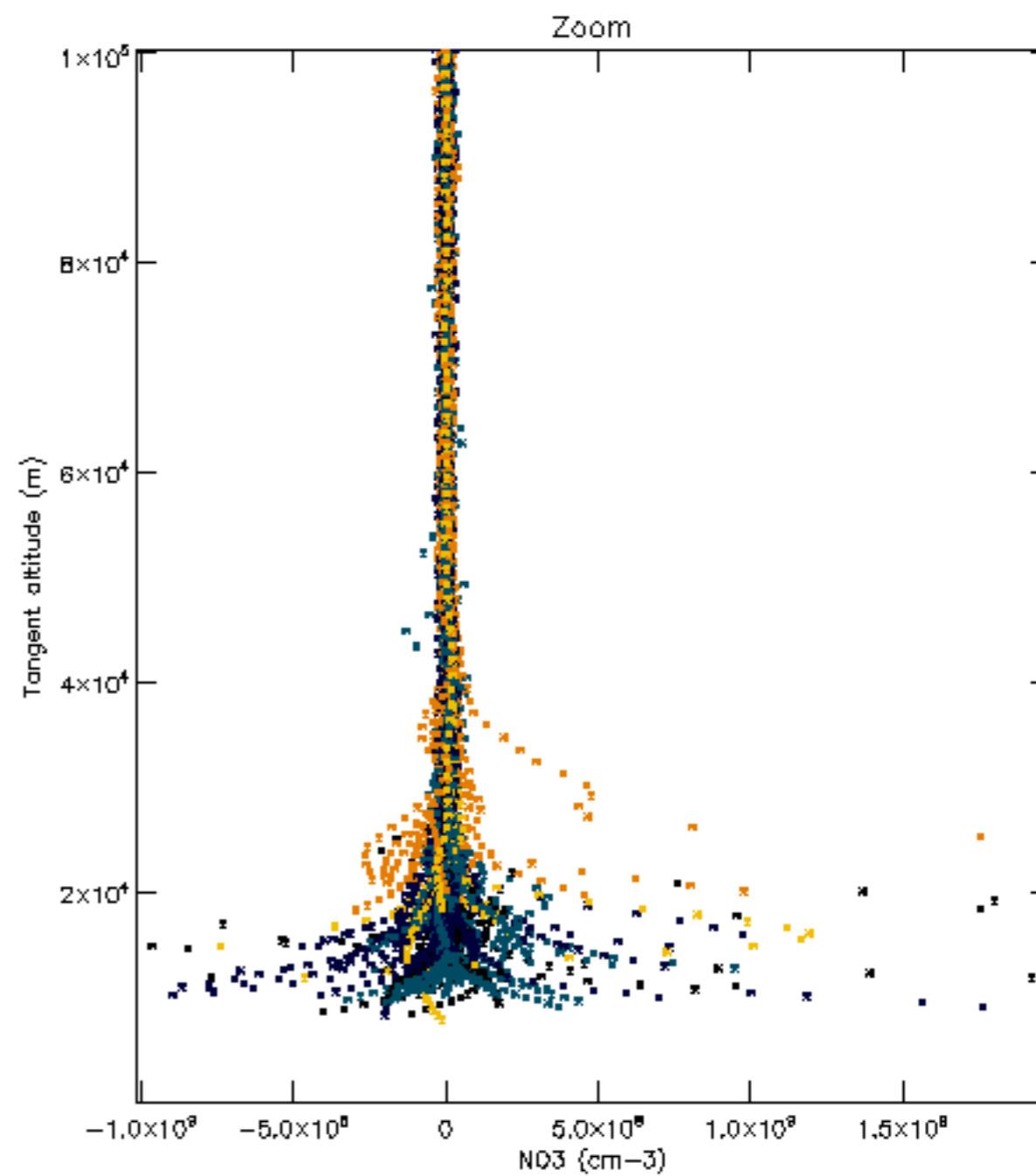
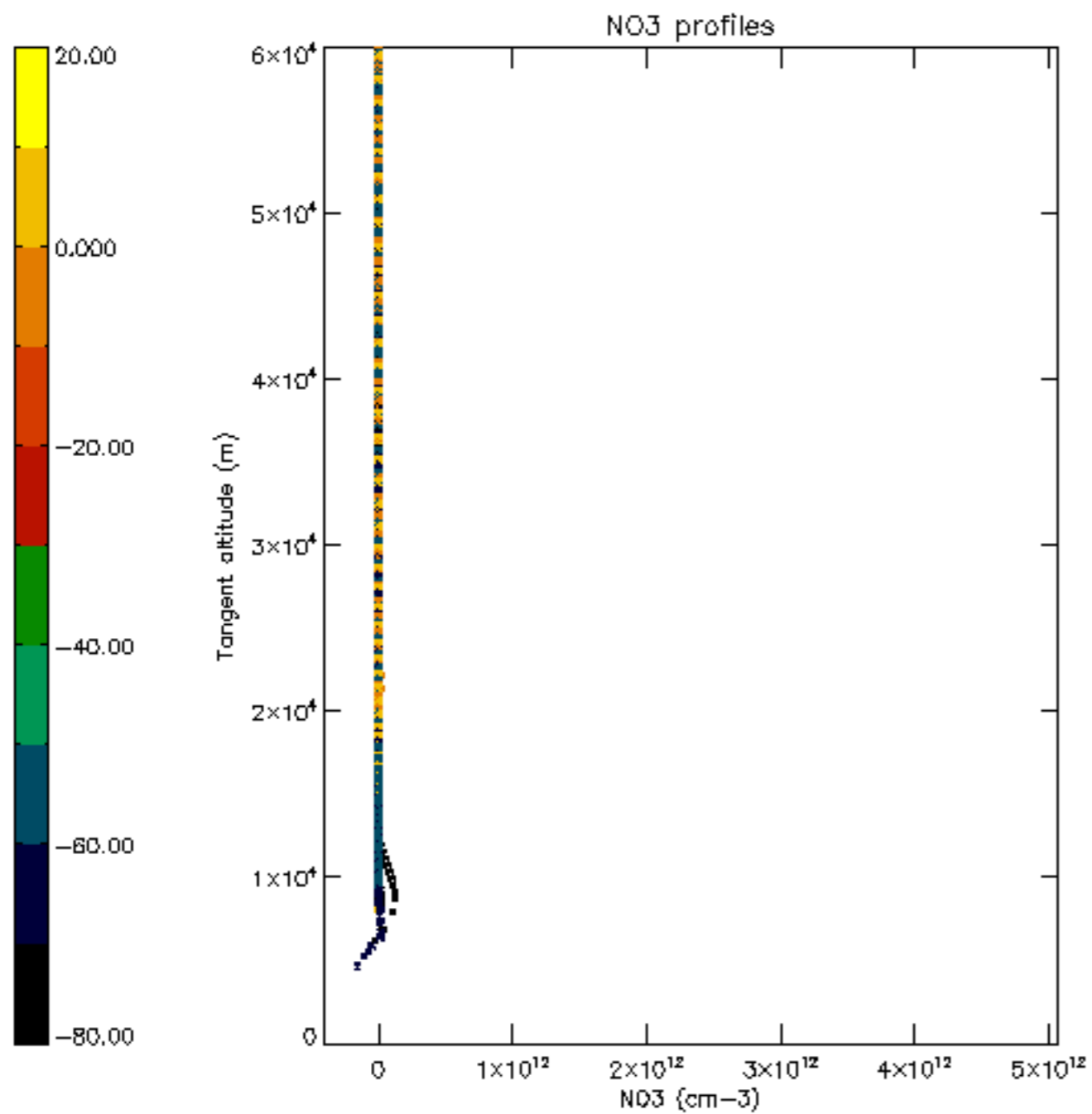


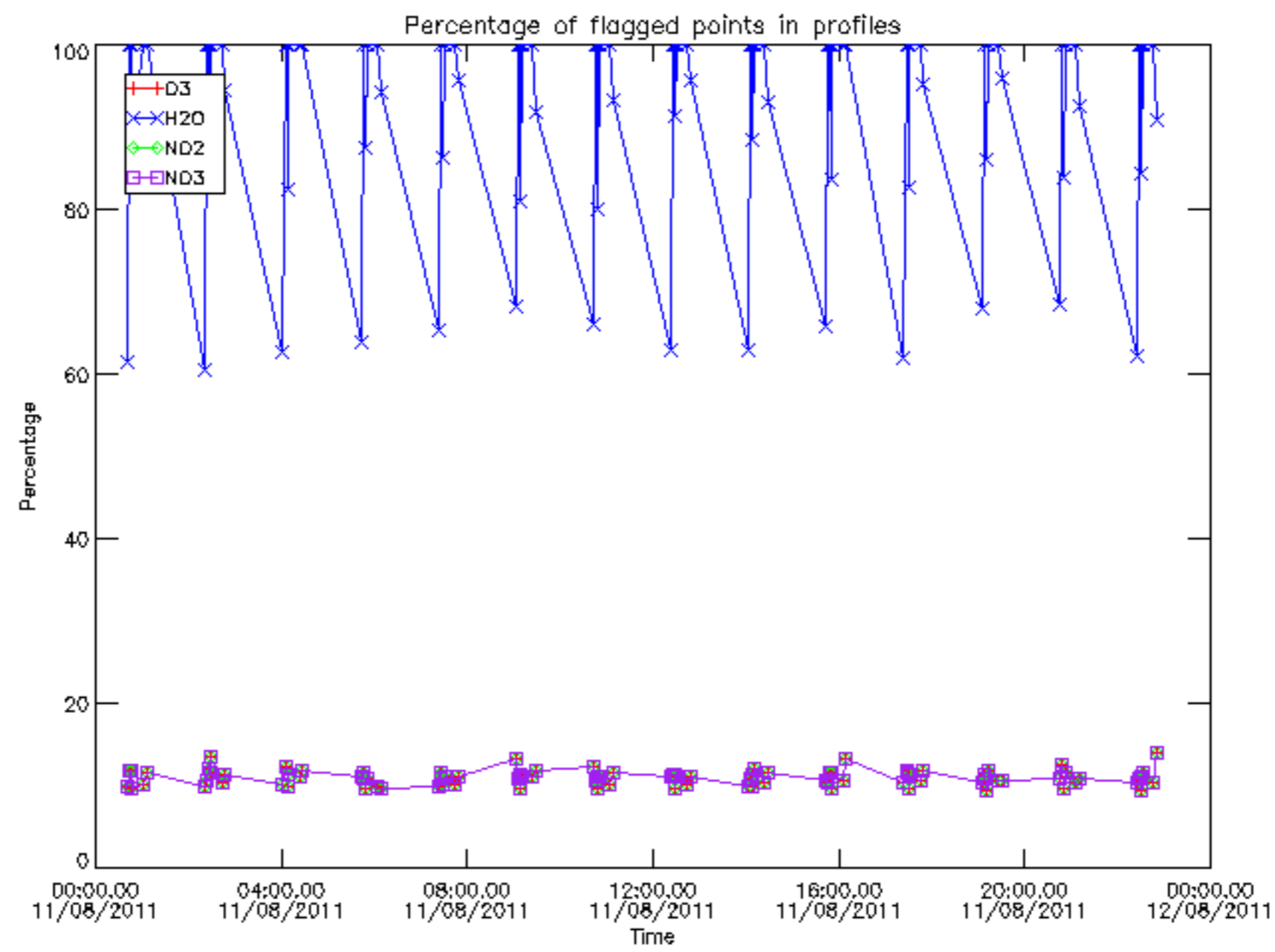




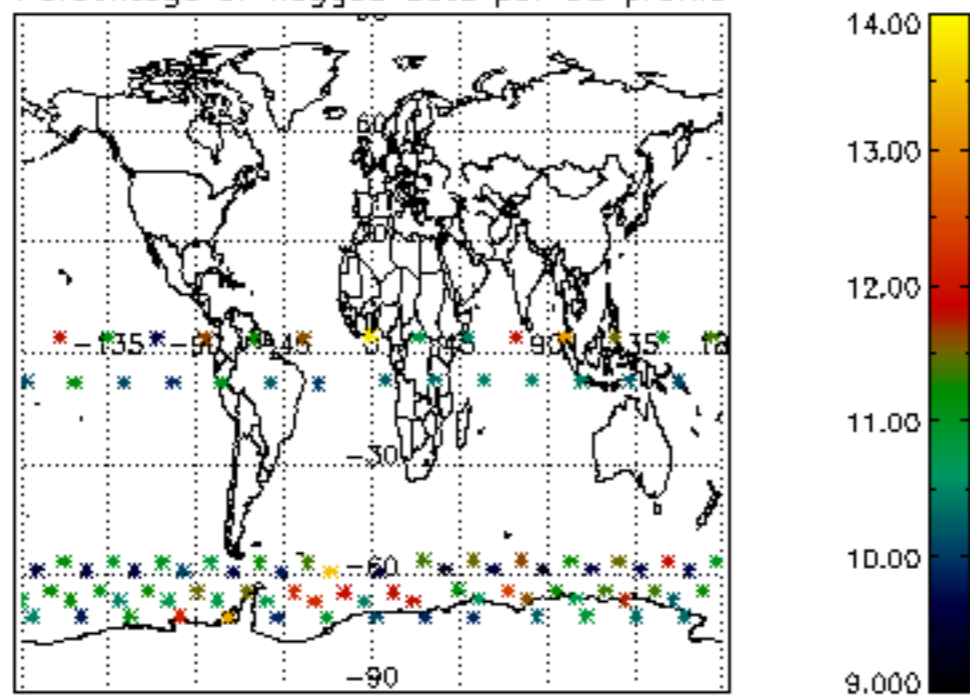




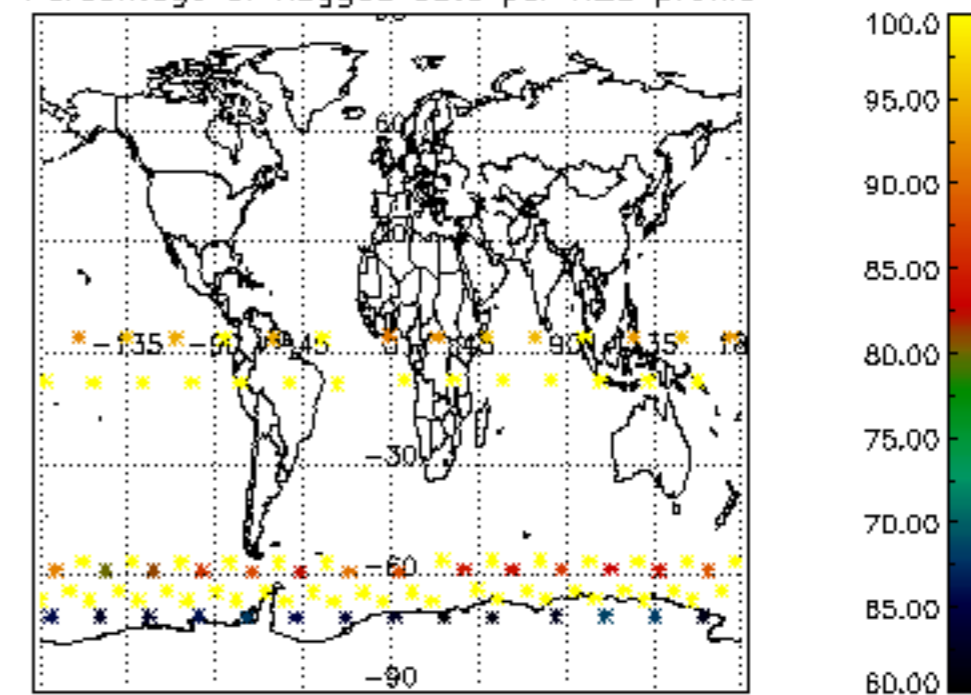




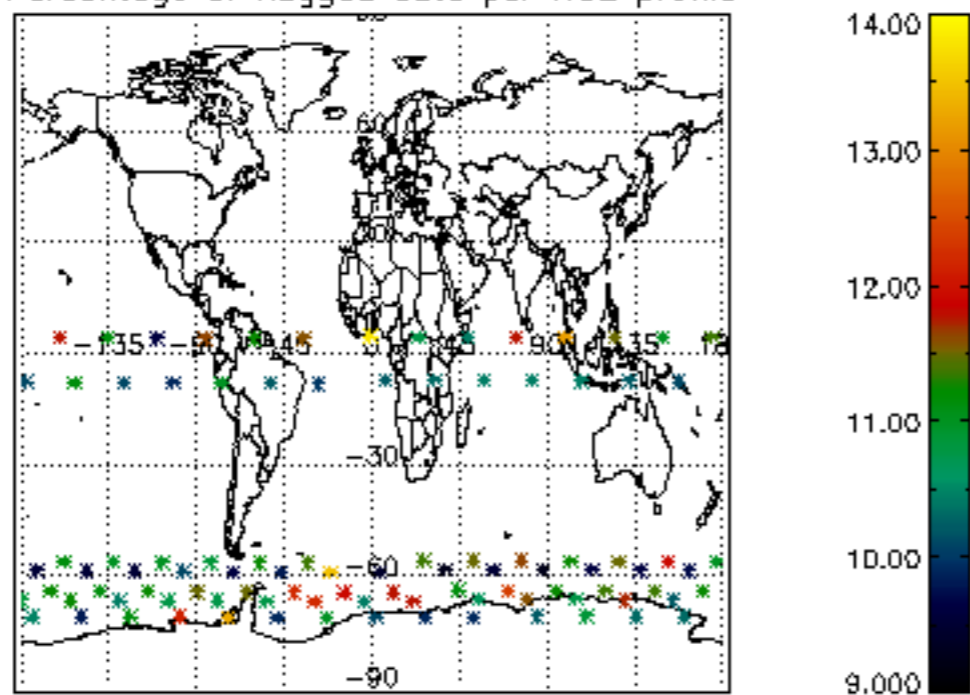
Percentage of flagged data per D3 profile



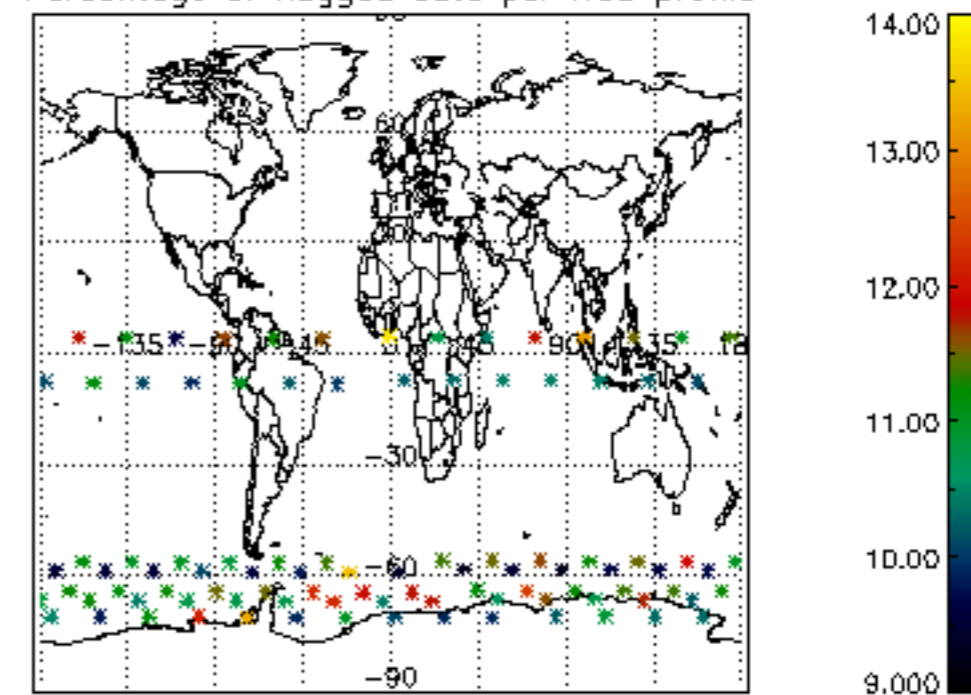
Percentage of flagged data per H2O profile

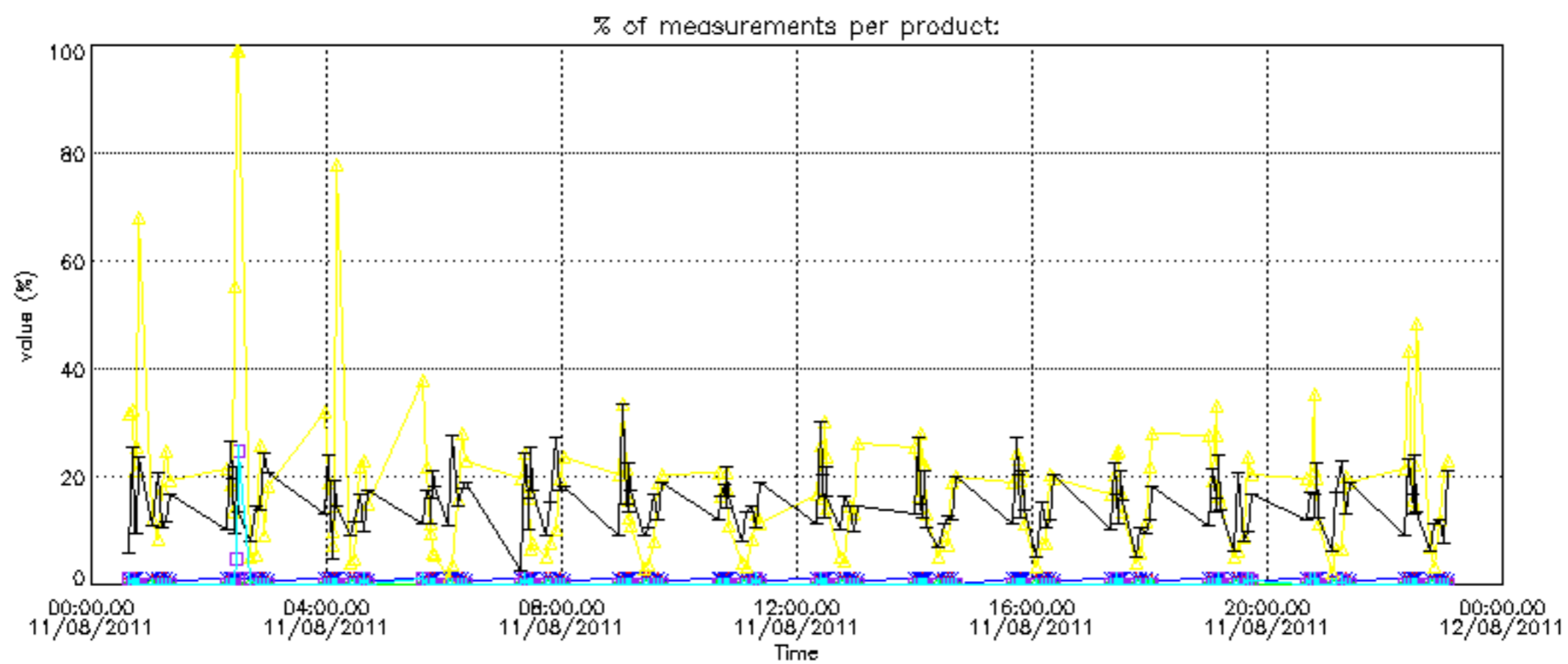


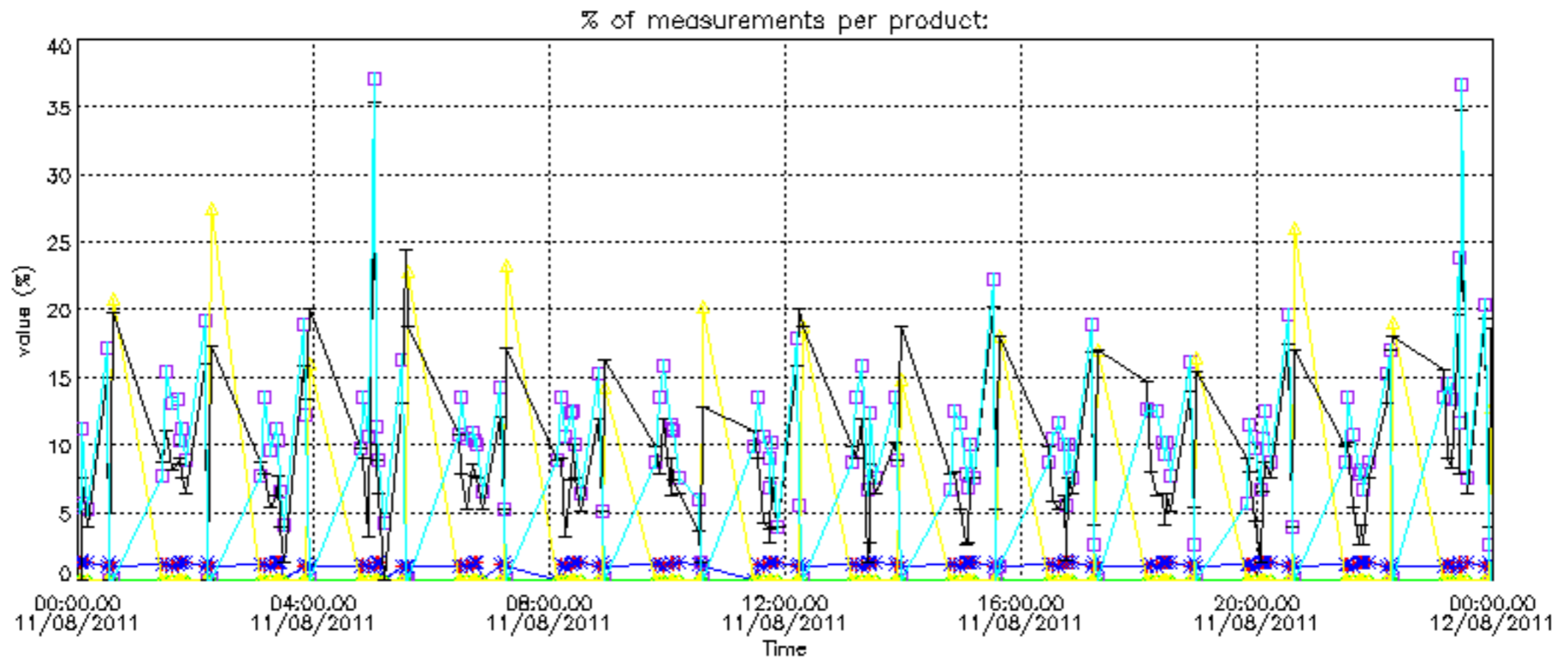
Percentage of flagged data per NO2 profile



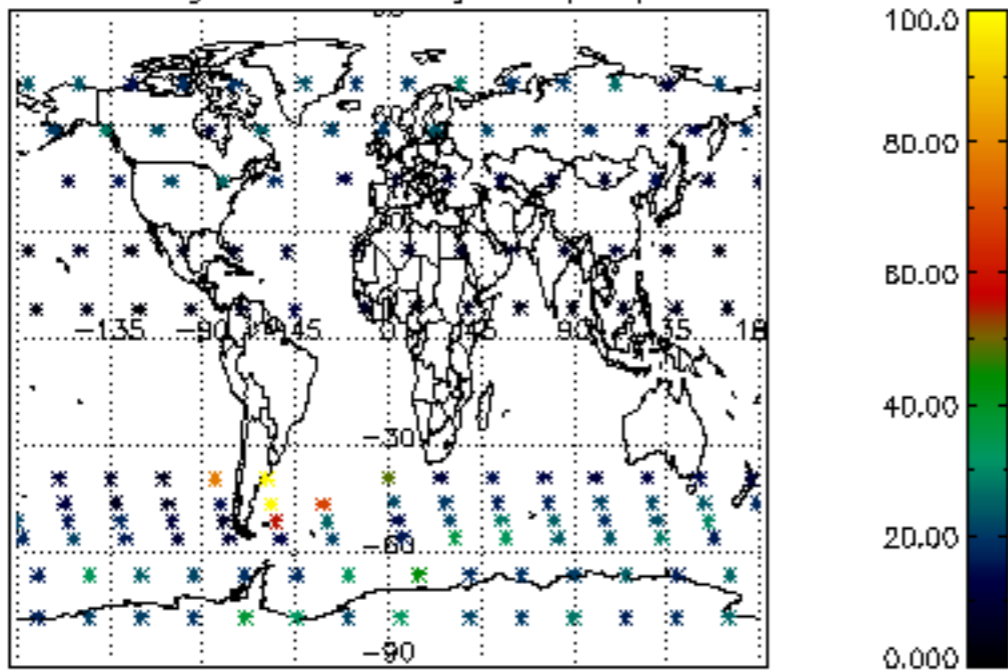
Percentage of flagged data per NO3 profile



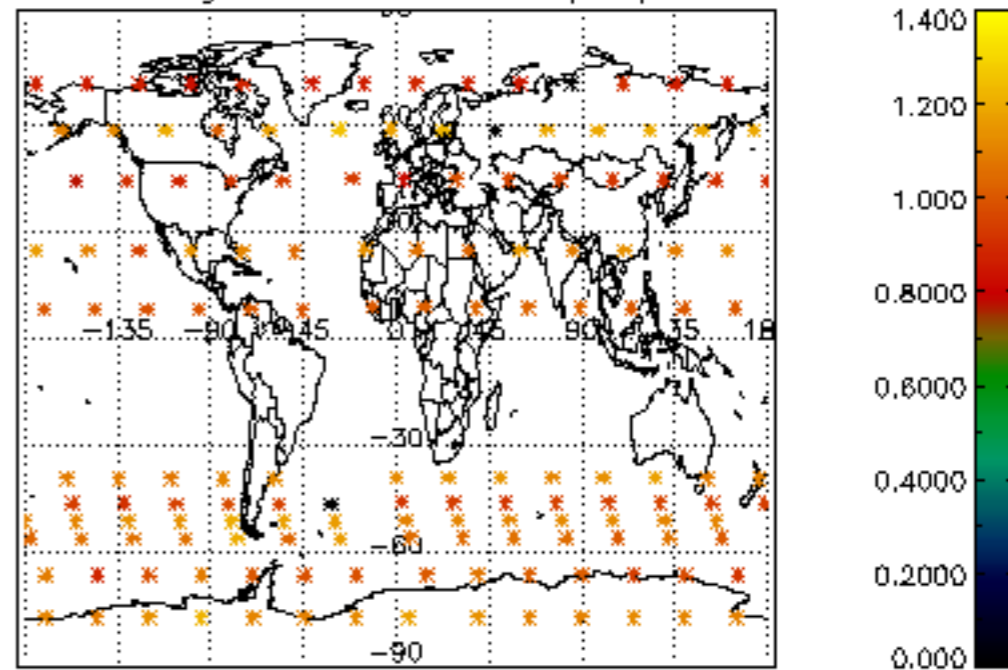




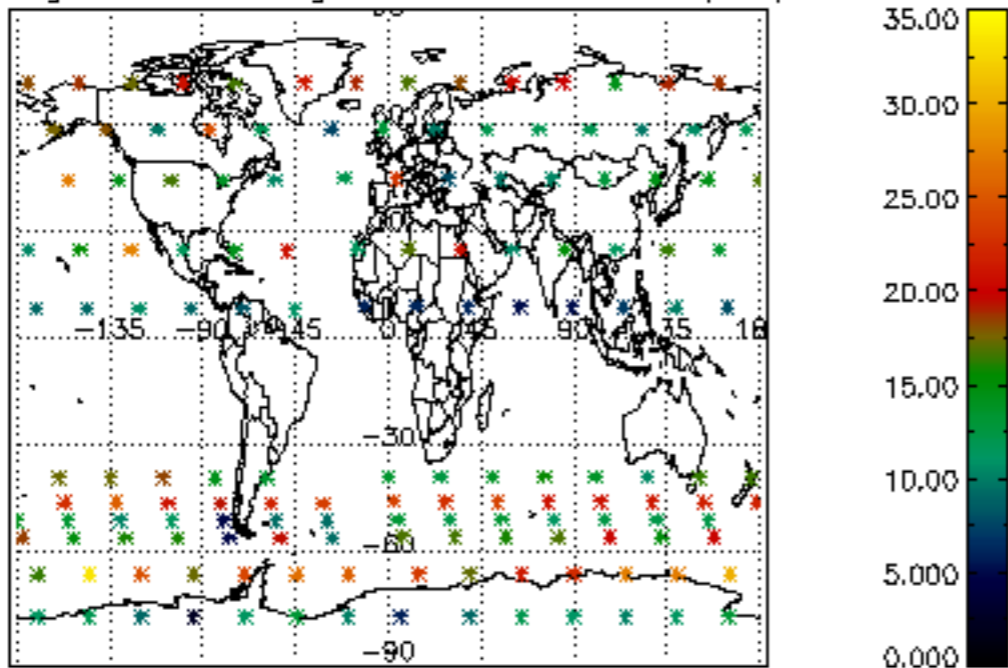
Percentage of cosmic ray hits per profile



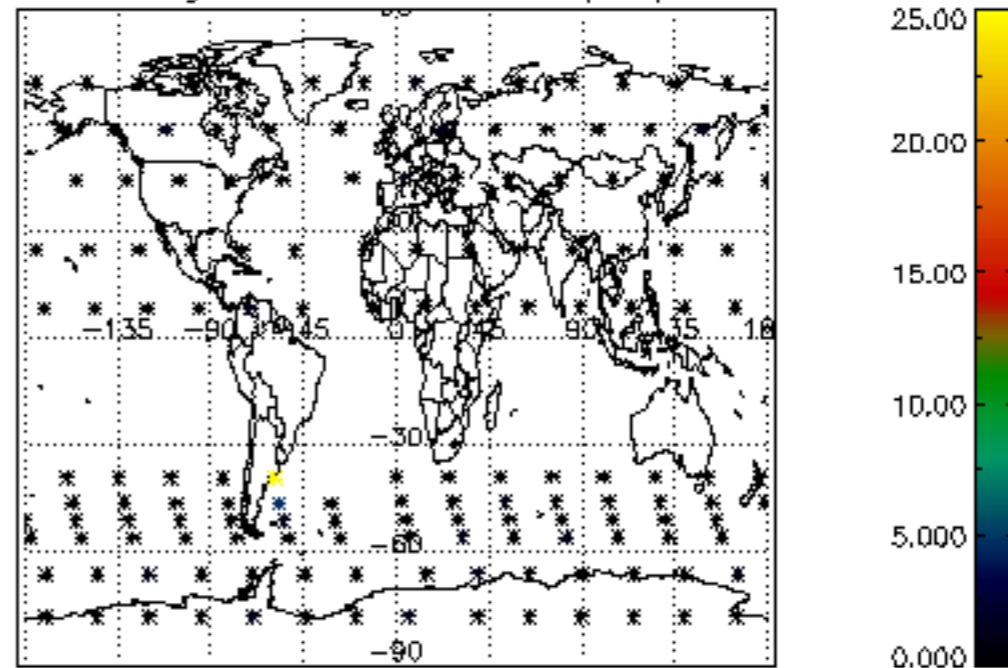
Percentage of datation errors per profile



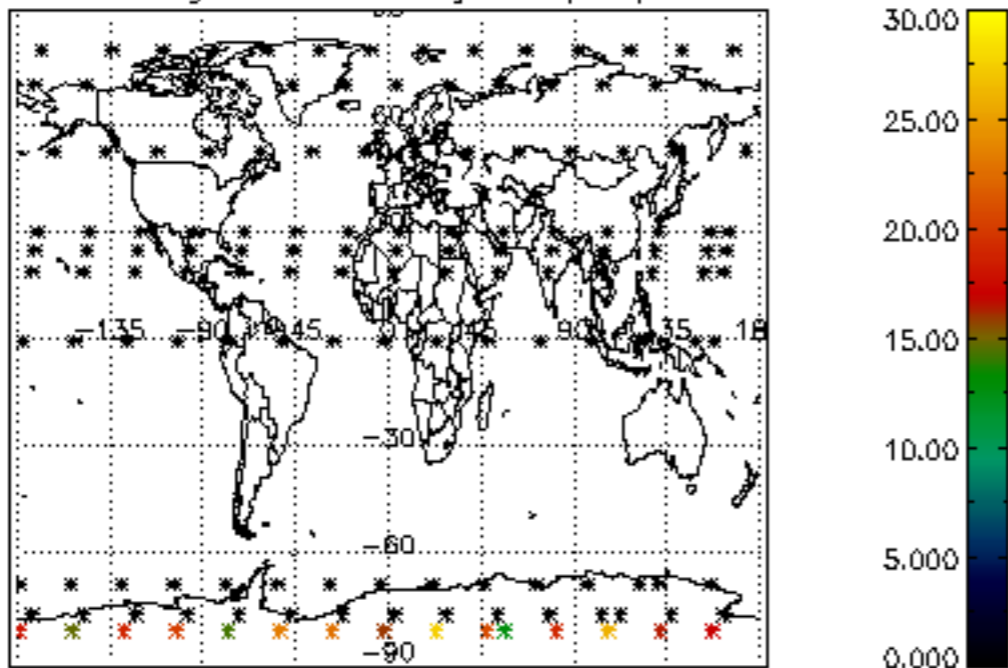
Percentage of star falling outside central band per profile



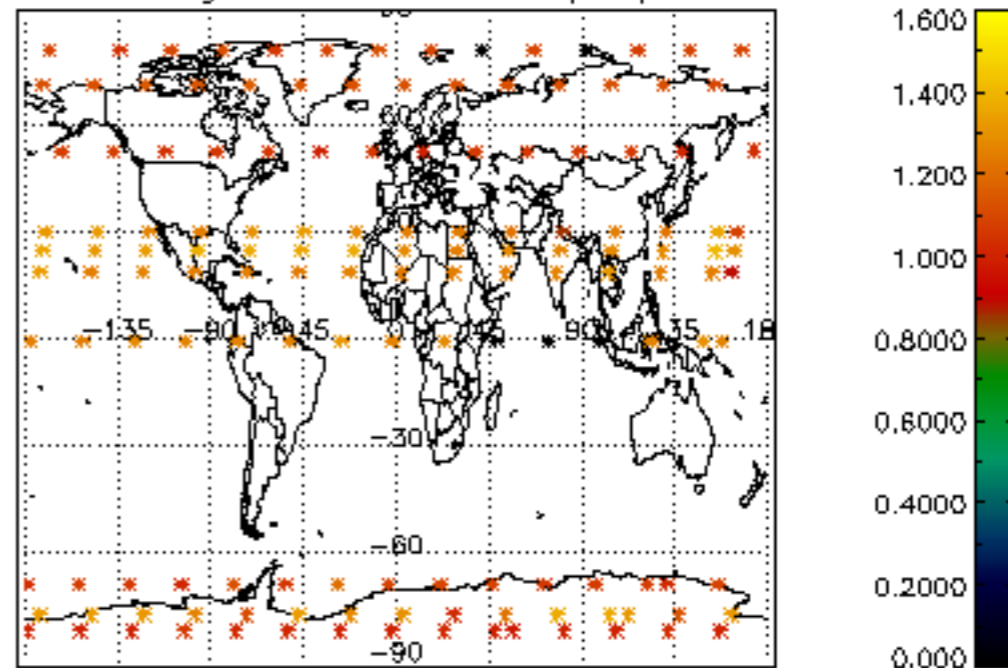
Percentage of saturation errors per profile



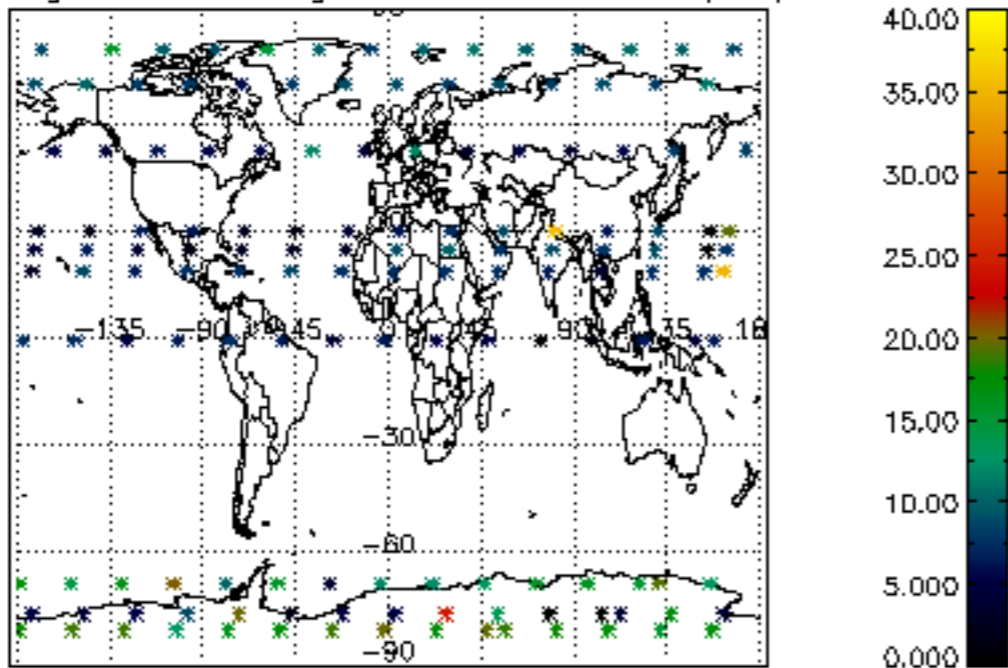
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

