

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 16:27:50
Data source version	GOMOS/6.01
Start time of products	03-08-2011 (03AUG2011 00:00:00)
Stop time of products	04-08-2011 (04AUG2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	315
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__2PRFIN20110803_000415_000000413105_00131_49283_5415.N1	03-AUG-2011 00:04:15	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	49283	No
2	GOM_NL__2PRFIN20110803_001900_000000493105_00131_49283_5416.N1	03-AUG-2011 00:19:00	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	49283	No
3	GOM_NL__2PRFIN20110803_002042_000000513105_00131_49283_5417.N1	03-AUG-2011 00:20:42	Bright	51.000	35	33Alp Per	1.7950	6250.0	102	49283	No
4	GOM_NL__2PRFIN20110803_002258_000000443105_00131_49283_5418.N1	03-AUG-2011 00:22:58	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	49283	No
5	GOM_NL__2PRFIN20110803_002449_000000463105_00131_49283_5419.N1	03-AUG-2011 00:24:49	Bright	45.500	149	45Eps Per	2.8880	30000.	91	49283	No
6	GOM_NL__2PRFIN20110803_002817_000000463105_00131_49283_5420.N1	03-AUG-2011 00:28:17	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	49283	No
7	GOM_NL__2PRFIN20110803_003024_000000423105_00131_49283_5421.N1	03-AUG-2011 00:30:24	Twilight	41.500	176	23Zet Tau	3.0200	22000.	83	49283	No
8	GOM_NL__2PRFIN20110803_003300_000000573105_00131_49283_5422.N1	03-AUG-2011 00:33:00	Dark	56.500	13	87Alp Tau	0.86700	3800.0	113	49283	No
9	GOM_NL__2PRFIN20110803_003459_000000433105_00131_49283_5423.N1	03-AUG-2011 00:34:59	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	49283	No
10	GOM_NL__2PRFIN20110803_003654_000000413105_00131_49283_5424.N1	03-AUG-2011 00:36:54	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	49283	No
11	GOM_NL__2PRFIN20110803_003926_000000473105_00131_49283_5425.N1	03-AUG-2011 00:39:26	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	49283	No
12	GOM_NL__2PRFIN20110803_004420_000000593105_00131_49283_5426.N1	03-AUG-2011 00:44:20	Dark	58.500	165	34Gam Eri	2.9500	3200.0	117	49283	No
13	GOM_NL__2PRFIN20110803_005343_000000483105_00132_49284_5430.N1	03-AUG-2011 00:53:43	Dark	47.500	157	The1Eri	2.9060	9300.0	95	49284	No
14	GOM_NL__2PRFIN20110803_005901_000000443105_00132_49284_5431.N1	03-AUG-2011 00:59:01	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49284	No
15	GOM_NL__2PRFIN20110803_010400_000000553105_00132_49284_5432.N1	03-AUG-2011 01:04:00	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49284	No
16	GOM_NL__2PRFIN20110803_010904_000000473105_00132_49284_5433.N1	03-AUG-2011 01:09:04	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	49284	No
17	GOM_NL__2PRFIN20110803_011210_000000463105_00132_49284_5434.N1	03-AUG-2011 01:12:10	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	49284	No
18	GOM_NL__2PRFIN20110803_011934_000000513105_00132_49284_5435.N1	03-AUG-2011 01:19:34	Bright	51.000	142	49Del Cap	2.8500	8900.0	102	49284	No
19	GOM_NL__2PRFIN20110803_012335_000000433105_00132_49284_5436.N1	03-AUG-2011 01:23:35	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	49284	No
20	GOM_NL__2PRFIN20110803_012737_000000383105_00132_49284_5437.N1	03-AUG-2011 01:27:37	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	49284	No
21	GOM_NL__2PRFIN20110803_013556_000000443105_00132_49284_5438.N1	03-AUG-2011 01:35:56	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	49284	No
22	GOM_NL__2PRFIN20110803_013804_000000353105_00132_49284_5439.N1	03-AUG-2011 01:38:04	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	49284	No
23	GOM_NL__2PRFIN20110803_014429_000000423105_00132_49284_5440.N1	03-AUG-2011 01:44:29	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49284	No
24	GOM_NL__2PRFIN20110803_015914_000000563105_00132_49284_5441.N1	03-AUG-2011 01:59:14	Bright	56.000	160	23Gam Per	2.9300	4700.0	112	49284	No
25	GOM_NL__2PRFIN20110803_020056_000000713105_00132_49284_5442.N1	03-AUG-2011 02:00:56	Bright	71.000	35	33Alp Per	1.7950	6250.0	142	49284	No
26	GOM_NL__2PRFIN20110803_020312_000000433105_00132_49284_5443.N1	03-AUG-2011 02:03:12	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	49284	No
27	GOM_NL__2PRFIN20110803_020503_000000503105_00132_49284_5444.N1	03-AUG-2011 02:05:03	Bright	49.500	149	45Eps Per	2.8880	30000.	99	49284	No
28	GOM_NL__2PRFIN20110803_020831_000000463105_00132_49284_5445.N1	03-AUG-2011 02:08:31	Bright	46.000	28	12Bet Tau	1.6500	15200.	92	49284	No
29	GOM_NL__2PRFIN20110803_021038_000000423105_00132_49284_5446.N1	03-AUG-2011 02:10:38	Twilight	41.500	176	23Zet Tau	3.0200	22000.	83	49284	No
30	GOM_NL__2PRFIN20110803_021314_000000673105_00132_49284_5447.N1	03-AUG-2011 02:13:14	Dark	67.000	13	87Alp Tau	0.86700	3800.0	134	49284	No
31	GOM_NL__2PRFIN20110803_021513_000000403105_00132_49284_5448.N1	03-AUG-2011 02:15:13	Dark	39.500	27	24Gam Ori	1.6360	26000.	79	49284	No
32	GOM_NL__2PRFIN20110803_021708_000000403105_00132_49284_5449.N1	03-AUG-2011 02:17:08	Dark	39.500	30	46Eps Ori	1.6940	30000.	79	49284	No
33	GOM_NL__2PRFIN20110803_021940_000000483105_00132_49284_5450.N1	03-AUG-2011 02:19:40	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	49284	No
34	GOM_NL__2PRFIN20110803_022435_000000583105_00132_49284_5451.N1	03-AUG-2011 02:24:35	Dark	57.500	165	34Gam Eri	2.9500	3200.0	115	49284	No
35	GOM_NL__2PRFIN20110803_023358_000000483105_00133_49285_5441.N1	03-AUG-2011 02:33:58	Dark	48.000	157	The1Eri	2.9060	9300.0	96	49285	No
36	GOM_NL__2PRFIN20110803_023916_000000523105_00133_49285_5442.N1	03-AUG-2011 02:39:16	Dark	52.000	9	Alp Eri	0.45300	24000.	104	49285	No
37	GOM_NL__2PRFIN20110803_024415_000000583105_00133_49285_5443.N1	03-AUG-2011 02:44:15	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	49285	No
38	GOM_NL__2PRFIN20110803_024918_000000443105_00133_49285_5444.N1	03-AUG-2011 02:49:18	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	49285	No
39	GOM_NL__2PRFIN20110803_025224_000000473105_00133_49285_5445.N1	03-AUG-2011 02:52:24	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	49285	No
40	GOM_NL__2PRFIN20110803_025948_000000513105_00133_49285_5446.N1	03-AUG-2011 02:59:48	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	49285	No
41	GOM_NL__2PRFIN20110803_030349_000000433105_00133_49285_5447.N1	03-AUG-2011 03:03:49	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	49285	No
42	GOM_NL__2PRFIN20110803_030751_000000383105_00133_49285_5448.N1	03-AUG-2011 03:07:51	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	49285	No

43	GOM_NL__2PRFIN20110803_031610_000000443105_00133_49285_5449.N1	03-AUG-2011 03:16:10	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	49285	No
44	GOM_NL__2PRFIN20110803_031818_000000363105_00133_49285_5450.N1	03-AUG-2011 03:18:18	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	49285	No
45	GOM_NL__2PRFIN20110803_032443_000000373105_00133_49285_5451.N1	03-AUG-2011 03:24:43	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	49285	No
46	GOM_NL__2PRFIN20110803_033927_000000713105_00133_49285_5452.N1	03-AUG-2011 03:39:27	Bright	71.000	160	23Gam Per	2.9300	4700.0	142	49285	No
47	GOM_NL__2PRFIN20110803_034110_000000513105_00133_49285_5453.N1	03-AUG-2011 03:41:10	Bright	51.000	35	33Alp Per	1.7950	6250.0	102	49285	No
48	GOM_NL__2PRFIN20110803_034326_000000463105_00133_49285_5454.N1	03-AUG-2011 03:43:26	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	49285	No
49	GOM_NL__2PRFIN20110803_034516_000000483105_00133_49285_5455.N1	03-AUG-2011 03:45:16	Bright	47.500	149	45Eps Per	2.8880	30000.	95	49285	No
50	GOM_NL__2PRFIN20110803_034846_000000443105_00133_49285_5456.N1	03-AUG-2011 03:48:46	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	49285	No
51	GOM_NL__2PRFIN20110803_035052_000000403105_00133_49285_5457.N1	03-AUG-2011 03:50:52	Twi_and_stray	40.000	176	23Zet Tau	3.0200	22000.	80	49285	No
52	GOM_NL__2PRFIN20110803_035329_000000563105_00133_49285_5458.N1	03-AUG-2011 03:53:29	Dark	56.000	13	87Alp Tau	0.86700	3800.0	112	49285	No
53	GOM_NL__2PRFIN20110803_035528_000000423105_00133_49285_5459.N1	03-AUG-2011 03:55:28	Dark	41.500	27	24Gam Ori	1.6360	26000.	83	49285	No
54	GOM_NL__2PRFIN20110803_035722_000000413105_00133_49285_5460.N1	03-AUG-2011 03:57:22	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	49285	No
55	GOM_NL__2PRFIN20110803_035955_000000493105_00133_49285_5461.N1	03-AUG-2011 03:59:55	Dark	48.500	7	19Bet Ori	0.10000	14000.	97	49285	No
56	GOM_NL__2PRFIN20110803_040450_000000573105_00133_49285_5462.N1	03-AUG-2011 04:04:50	Dark	56.500	165	34Gam Eri	2.9500	3200.0	113	49285	No
57	GOM_NL__2PRFIN20110803_041413_000000483105_00134_49286_5446.N1	03-AUG-2011 04:14:13	Dark	48.000	157	The1Eri	2.9060	9300.0	96	49286	No
58	GOM_NL__2PRFIN20110803_041931_000000553105_00134_49286_5447.N1	03-AUG-2011 04:19:31	Dark	54.500	9	Alp Eri	0.45300	24000.	109	49286	No
59	GOM_NL__2PRFIN20110803_042430_000000573105_00134_49286_5448.N1	03-AUG-2011 04:24:30	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	49286	No
60	GOM_NL__2PRFIN20110803_042933_000000423105_00134_49286_5449.N1	03-AUG-2011 04:29:33	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49286	No
61	GOM_NL__2PRFIN20110803_043239_000000453105_00134_49286_5450.N1	03-AUG-2011 04:32:39	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	49286	No
62	GOM_NL__2PRFIN20110803_044003_000000513105_00134_49286_5451.N1	03-AUG-2011 04:40:03	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	49286	No
63	GOM_NL__2PRFIN20110803_044403_000000503105_00134_49286_5452.N1	03-AUG-2011 04:44:03	Bright	49.500	154	22Bet Aqr	2.8990	5700.0	99	49286	No
64	GOM_NL__2PRFIN20110803_044805_000000383105_00134_49286_5453.N1	03-AUG-2011 04:48:05	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	49286	No
65	GOM_NL__2PRFIN20110803_045623_000000443105_00134_49286_5454.N1	03-AUG-2011 04:56:23	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	49286	No
66	GOM_NL__2PRFIN20110803_045832_000000383105_00134_49286_5455.N1	03-AUG-2011 04:58:32	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	49286	No
67	GOM_NL__2PRFIN20110803_050456_000000403105_00134_49286_5456.N1	03-AUG-2011 05:04:56	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49286	No
68	GOM_NL__2PRFIN20110803_051941_000000483105_00134_49286_5457.N1	03-AUG-2011 05:19:41	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	49286	No
69	GOM_NL__2PRFIN20110803_052124_000000493105_00134_49286_5458.N1	03-AUG-2011 05:21:24	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	49286	No
70	GOM_NL__2PRFIN20110803_052340_000000443105_00134_49286_5459.N1	03-AUG-2011 05:23:40	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	49286	No
71	GOM_NL__2PRFIN20110803_052530_000000503105_00134_49286_5460.N1	03-AUG-2011 05:25:30	Bright	49.500	149	45Eps Per	2.8880	30000.	99	49286	No
72	GOM_NL__2PRFIN20110803_052900_000000473105_00134_49286_5461.N1	03-AUG-2011 05:29:00	Bright	46.500	28	12Bet Tau	1.6500	15200.	93	49286	No
73	GOM_NL__2PRFIN20110803_053107_000000403105_00134_49286_5462.N1	03-AUG-2011 05:31:07	Twi_and_stray	39.500	176	23Zet Tau	3.0200	22000.	79	49286	No
74	GOM_NL__2PRFIN20110803_053343_000000563105_00134_49286_5463.N1	03-AUG-2011 05:33:43	Dark	56.000	13	87Alp Tau	0.86700	3800.0	112	49286	No
75	GOM_NL__2PRFIN20110803_053542_000000443105_00134_49286_5464.N1	03-AUG-2011 05:35:42	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	49286	No
76	GOM_NL__2PRFIN20110803_053737_000000433105_00134_49286_5465.N1	03-AUG-2011 05:37:37	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	49286	No
77	GOM_NL__2PRFIN20110803_054009_000000493105_00134_49286_5466.N1	03-AUG-2011 05:40:09	Dark	49.000	7	19Bet Ori	0.10000	14000.	98	49286	No
78	GOM_NL__2PRFIN20110803_054505_000000593105_00134_49286_5467.N1	03-AUG-2011 05:45:05	Dark	58.500	165	34Gam Eri	2.9500	3200.0	117	49286	No
79	GOM_NL__2PRFIN20110803_055428_000000473105_00135_49287_5455.N1	03-AUG-2011 05:54:28	Dark	47.000	157	The1Eri	2.9060	9300.0	94	49287	No
80	GOM_NL__2PRFIN20110803_055945_000000443105_00135_49287_5456.N1	03-AUG-2011 05:59:45	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49287	No
81	GOM_NL__2PRFIN20110803_060445_000000563105_00135_49287_5457.N1	03-AUG-2011 06:04:45	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	49287	No
82	GOM_NL__2PRFIN20110803_060948_000000483105_00135_49287_5458.N1	03-AUG-2011 06:09:48	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	49287	No
83	GOM_NL__2PRFIN20110803_061253_000000453105_00135_49287_5459.N1	03-AUG-2011 06:12:53	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	49287	No
84	GOM_NL__2PRFIN20110803_062017_000000503105_00135_49287_5460.N1	03-AUG-2011 06:20:17	Bright	50.000	142	49Del Cap	2.8500	8900.0	100	49287	No
85	GOM_NL__2PRFIN20110803_062417_000000503105_00135_49287_5461.N1	03-AUG-2011 06:24:17	Bright	50.000	154	22Bet Aqr	2.8990	5700.0	100	49287	No
86	GOM_NL__2PRFIN20110803_062819_000000373105_00135_49287_5462.N1	03-AUG-2011 06:28:19	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	49287	No
87	GOM_NL__2PRFIN20110803_063637_000000413105_00135_49287_5463.N1	03-AUG-2011 06:36:37	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	49287	No
88	GOM_NL__2PRFIN20110803_063846_000000373105_00135_49287_5464.N1	03-AUG-2011 06:38:46	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	49287	No
89	GOM_NL__2PRFIN20110803_064510_000000403105_00135_49287_5465.N1	03-AUG-2011 06:45:10	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49287	No
90	GOM_NL__2PRFIN20110803_065954_000000613105_00135_49287_5466.N1	03-AUG-2011 06:59:54	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	49287	No
91	GOM_NL__2PRFIN20110803_070137_000000513105_00135_49287_5467.N1	03-AUG-2011 07:01:37	Bright	50.500	35	33Alp Per	1.7950	6250.0	101	49287	No
92	GOM_NL__2PRFIN20110803_070354_000000433105_00135_49287_5468.N1	03-AUG-2011 07:03:54	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	49287	No
93	GOM_NL__2PRFIN20110803_070544_000000503105_00135_49287_5469.N1	03-AUG-2011 07:05:44	Bright	50.000	149	45Eps Per	2.8880	30000.	100	49287	No
94	GOM_NL__2PRFIN20110803_070914_000000453105_00135_49287_5470.N1	03-AUG-2011 07:09:14	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	49287	No
95	GOM_NL__2PRFIN20110803_071121_000000403105_00135_49287_5471.N1	03-AUG-2011 07:11:21	Twi_and_stray	40.000	176	23Zet Tau	3.0200	22000.	80	49287	No
96	GOM_NL__2PRFIN20110803_071358_000000583105_00135_49287_5472.N1	03-AUG-2011 07:13:58	Dark	58.000	13	87Alp Tau	0.86700	3800.0	116	49287	No
97	GOM_NL__2PRFIN20110803_071557_000000423105_00135_49287_5473.N1	03-AUG-2011 07:15:57	Dark	42.000	27	24Gam Ori	1.6360	26000.	84	49287	No
98	GOM_NL__2PRFIN20110803_071751_000000443105_00135_49287_5474.N1	03-AUG-2011 07:17:51	Dark	43.500	30	46Eps Ori	1.6940	30000.	87	49287	No
99	GOM_NL__2PRFIN20110803_072024_000000503105_00135_49287_5475.N1	03-AUG-2011 07:20:24	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	49287	No
100	GOM_NL__2PRFIN20110803_072520_000000593105_00135_49287_5476.N1	03-AUG-2011 07:25:20	Dark	58.500	165	34Gam Eri	2.9500	3200.0	117	49287	No
101	GOM_NL__2PRFIN20110803_073443_000000483105_00136_49288_5464.N1	03-AUG-2011 07:34:43	Dark	48.000	157	The1Eri	2.9060	9300.0	96	49288	No

102	GOM_NL__2PRFIN20110803_074000_000000443105_00136_49288_5465.N1	03-AUG-2011 07:40:00	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49288	No
103	GOM_NL__2PRFIN20110803_074500_000000543105_00136_49288_5466.N1	03-AUG-2011 07:45:00	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49288	No
104	GOM_NL__2PRFIN20110803_075002_000000443105_00136_49288_5467.N1	03-AUG-2011 07:50:02	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	49288	No
105	GOM_NL__2PRFIN20110803_075308_000000443105_00136_49288_5468.N1	03-AUG-2011 07:53:08	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	49288	No
106	GOM_NL__2PRFIN20110803_080031_000000503105_00136_49288_5469.N1	03-AUG-2011 08:00:31	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	49288	No
107	GOM_NL__2PRFIN20110803_080431_000000503105_00136_49288_5470.N1	03-AUG-2011 08:04:31	Bright	49.500	154	22Bet Aqr	2.8990	5700.0	99	49288	No
108	GOM_NL__2PRFIN20110803_080833_000000373105_00136_49288_5471.N1	03-AUG-2011 08:08:33	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	49288	No
109	GOM_NL__2PRFIN20110803_081650_000000443105_00136_49288_5472.N1	03-AUG-2011 08:16:50	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	49288	No
110	GOM_NL__2PRFIN20110803_081900_000000363105_00136_49288_5473.N1	03-AUG-2011 08:19:00	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	49288	No
111	GOM_NL__2PRFIN20110803_082524_000000513105_00136_49288_5474.N1	03-AUG-2011 08:25:24	Bright	50.500	89	5Alp Cep	2.4510	8000.0	101	49288	No
112	GOM_NL__2PRFIN20110803_084008_000000513105_00136_49288_5475.N1	03-AUG-2011 08:40:08	Bright	51.000	160	23Gam Per	2.9300	4700.0	102	49288	No
113	GOM_NL__2PRFIN20110803_084151_000000503105_00136_49288_5476.N1	03-AUG-2011 08:41:51	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	49288	No
114	GOM_NL__2PRFIN20110803_084408_000000443105_00136_49288_5477.N1	03-AUG-2011 08:44:08	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	49288	No
115	GOM_NL__2PRFIN20110803_084558_000000483105_00136_49288_5478.N1	03-AUG-2011 08:45:58	Bright	47.500	149	45Eps Per	2.8880	30000.	95	49288	No
116	GOM_NL__2PRFIN20110803_084928_000000473105_00136_49288_5479.N1	03-AUG-2011 08:49:28	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	49288	No
117	GOM_NL__2PRFIN20110803_085135_000000423105_00136_49288_5480.N1	03-AUG-2011 08:51:35	Tw_i_and_stray	42.000	176	23Zet Tau	3.0200	22000.	84	49288	No
118	GOM_NL__2PRFIN20110803_085412_000000613105_00136_49288_5481.N1	03-AUG-2011 08:54:12	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	49288	No
119	GOM_NL__2PRFIN20110803_085611_000000463105_00136_49288_5482.N1	03-AUG-2011 08:56:11	Dark	45.500	27	24Gam Ori	1.6360	26000.	91	49288	No
120	GOM_NL__2PRFIN20110803_085806_000000443105_00136_49288_5483.N1	03-AUG-2011 08:58:06	Dark	44.000	30	46Eps Ori	1.6940	30000.	88	49288	No
121	GOM_NL__2PRFIN20110803_090038_000000483105_00136_49288_5484.N1	03-AUG-2011 09:00:38	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	49288	No
122	GOM_NL__2PRFIN20110803_090535_000000613105_00136_49288_5485.N1	03-AUG-2011 09:05:35	Dark	61.000	165	34Gam Eri	2.9500	3200.0	122	49288	No
123	GOM_NL__2PRFIN20110803_091458_000000473105_00137_49289_5546.N1	03-AUG-2011 09:14:58	Dark	46.500	157	The1Eri	2.9060	9300.0	93	49289	No
124	GOM_NL__2PRFIN20110803_092015_000000433105_00137_49289_5547.N1	03-AUG-2011 09:20:15	Dark	43.000	9	Alp Eri	0.45300	24000.	86	49289	No
125	GOM_NL__2PRFIN20110803_092515_000000583105_00137_49289_5548.N1	03-AUG-2011 09:25:15	Straylight	58.000	84	Alp Phe	2.3970	4500.0	116	49289	No
126	GOM_NL__2PRFIN20110803_093016_000000473105_00137_49289_5549.N1	03-AUG-2011 09:30:16	Straylight	46.500	31	Alp Gru	1.7340	15200.	93	49289	No
127	GOM_NL__2PRFIN20110803_093322_000000443105_00137_49289_5550.N1	03-AUG-2011 09:33:22	Straylight	44.000	172	Gam Gru	3.0030	13100.	88	49289	No
128	GOM_NL__2PRFIN20110803_094045_000000513105_00137_49289_5551.N1	03-AUG-2011 09:40:45	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	49289	No
129	GOM_NL__2PRFIN20110803_094445_000000503105_00137_49289_5552.N1	03-AUG-2011 09:44:45	Bright	50.000	154	22Bet Aqr	2.8990	5700.0	100	49289	No
130	GOM_NL__2PRFIN20110803_094847_000000383105_00137_49289_5553.N1	03-AUG-2011 09:48:47	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	49289	No
131	GOM_NL__2PRFIN20110803_095704_000000423105_00137_49289_5554.N1	03-AUG-2011 09:57:04	Bright	42.000	92	53Eps Cyg	2.5000	4500.0	84	49289	No
132	GOM_NL__2PRFIN20110803_095913_000000373105_00137_49289_5555.N1	03-AUG-2011 09:59:13	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	49289	No
133	GOM_NL__2PRFIN20110803_100537_000000403105_00137_49289_5556.N1	03-AUG-2011 10:05:37	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49289	No
134	GOM_NL__2PRFIN20110803_102022_000000483105_00137_49289_5557.N1	03-AUG-2011 10:20:22	Bright	47.500	160	23Gam Per	2.9300	4700.0	95	49289	No
135	GOM_NL__2PRFIN20110803_102205_000000503105_00137_49289_5558.N1	03-AUG-2011 10:22:05	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	49289	No
136	GOM_NL__2PRFIN20110803_102422_000000433105_00137_49289_5559.N1	03-AUG-2011 10:24:22	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	49289	No
137	GOM_NL__2PRFIN20110803_102612_000000473105_00137_49289_5560.N1	03-AUG-2011 10:26:12	Bright	46.500	149	45Eps Per	2.8880	30000.	93	49289	No
138	GOM_NL__2PRFIN20110803_102942_000000473105_00137_49289_5561.N1	03-AUG-2011 10:29:42	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	49289	No
139	GOM_NL__2PRFIN20110803_103149_000000443105_00137_49289_5562.N1	03-AUG-2011 10:31:49	Tw_i_and_stray	43.500	176	23Zet Tau	3.0200	22000.	87	49289	No
140	GOM_NL__2PRFIN20110803_103427_000000613105_00137_49289_5563.N1	03-AUG-2011 10:34:27	Dark	61.000	13	87Alp Tau	0.86700	3800.0	122	49289	No
141	GOM_NL__2PRFIN20110803_103625_000000453105_00137_49289_5564.N1	03-AUG-2011 10:36:25	Dark	45.000	27	24Gam Ori	1.6360	26000.	90	49289	No
142	GOM_NL__2PRFIN20110803_103820_000000423105_00137_49289_5565.N1	03-AUG-2011 10:38:20	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	49289	No
143	GOM_NL__2PRFIN20110803_104053_000000503105_00137_49289_5566.N1	03-AUG-2011 10:40:53	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	49289	No
144	GOM_NL__2PRFIN20110803_104550_000000603105_00137_49289_5567.N1	03-AUG-2011 10:45:50	Dark	59.500	165	34Gam Eri	2.9500	3200.0	119	49289	No
145	GOM_NL__2PRFIN20110803_105513_000000473105_00138_49290_5576.N1	03-AUG-2011 10:55:13	Dark	47.000	157	The1Eri	2.9060	9300.0	94	49290	No
146	GOM_NL__2PRFIN20110803_110029_000000443105_00138_49290_5577.N1	03-AUG-2011 11:00:29	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49290	No
147	GOM_NL__2PRFIN20110803_110530_000000563105_00138_49290_5578.N1	03-AUG-2011 11:05:30	Straylight	56.000	84	Alp Phe	2.3970	4500.0	112	49290	No
148	GOM_NL__2PRFIN20110803_111031_000000443105_00138_49290_5579.N1	03-AUG-2011 11:10:31	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	49290	No
149	GOM_NL__2PRFIN20110803_111337_000000453105_00138_49290_5580.N1	03-AUG-2011 11:13:37	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	49290	No
150	GOM_NL__2PRFIN20110803_112059_000000503105_00138_49290_5581.N1	03-AUG-2011 11:20:59	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	49290	No
151	GOM_NL__2PRFIN20110803_112458_000000513105_00138_49290_5582.N1	03-AUG-2011 11:24:58	Bright	51.000	154	22Bet Aqr	2.8990	5700.0	102	49290	No
152	GOM_NL__2PRFIN20110803_112901_000000393105_00138_49290_5583.N1	03-AUG-2011 11:29:01	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	49290	No
153	GOM_NL__2PRFIN20110803_113718_000000443105_00138_49290_5584.N1	03-AUG-2011 11:37:18	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	49290	No
154	GOM_NL__2PRFIN20110803_113927_000000383105_00138_49290_5585.N1	03-AUG-2011 11:39:27	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	49290	No
155	GOM_NL__2PRFIN20110803_114551_000000413105_00138_49290_5586.N1	03-AUG-2011 11:45:51	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	49290	No
156	GOM_NL__2PRFIN20110803_120035_000000483105_00138_49290_5587.N1	03-AUG-2011 12:00:35	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	49290	No
157	GOM_NL__2PRFIN20110803_120218_000000503105_00138_49290_5588.N1	03-AUG-2011 12:02:18	Bright	50.000	35	33Alp Per	1.7950	6250.0	100	49290	No
158	GOM_NL__2PRFIN20110803_120436_000000453105_00138_49290_5589.N1	03-AUG-2011 12:04:36	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	49290	No
159	GOM_NL__2PRFIN20110803_120626_000000523105_00138_49290_5590.N1	03-AUG-2011 12:06:26	Bright	52.000	149	45Eps Per	2.8880	30000.	104	49290	No
160	GOM_NL__2PRFIN20110803_120956_000000473105_00138_49290_5591.N1	03-AUG-2011 12:09:56	Bright	47.000	28	12Bet Tau	1.6500	15200.	94	49290	No

161	GOM_NL__2PRFIN20110803_121203_000000423105_00138_49290_5592.N1	03-AUG-2011 12:12:03	Twilight	42.000	176	23Zet Tau	3.0200	22000.	84	49290	No
162	GOM_NL__2PRFIN20110803_121441_000000573105_00138_49290_5593.N1	03-AUG-2011 12:14:41	Dark	56.500	13	87Alp Tau	0.86700	3800.0	113	49290	No
163	GOM_NL__2PRFIN20110803_121639_000000463105_00138_49290_5594.N1	03-AUG-2011 12:16:39	Dark	45.500	27	24Gam Ori	1.6360	26000.	91	49290	No
164	GOM_NL__2PRFIN20110803_121834_000000443105_00138_49290_5595.N1	03-AUG-2011 12:18:34	Dark	43.500	30	46Eps Ori	1.6940	30000.	87	49290	No
165	GOM_NL__2PRFIN20110803_122107_000000483105_00138_49290_5596.N1	03-AUG-2011 12:21:07	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	49290	No
166	GOM_NL__2PRFIN20110803_122605_000000583105_00138_49290_5597.N1	03-AUG-2011 12:26:05	Dark	57.500	165	34Gam Eri	2.9500	3200.0	115	49290	No
167	GOM_NL__2PRFIN20110803_123528_000000473105_00139_49291_5618.N1	03-AUG-2011 12:35:28	Dark	47.000	157	The1Eri	2.9060	9300.0	94	49291	No
168	GOM_NL__2PRFIN20110803_124044_000000453105_00139_49291_5619.N1	03-AUG-2011 12:40:44	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49291	No
169	GOM_NL__2PRFIN20110803_124545_000000573105_00139_49291_5620.N1	03-AUG-2011 12:45:45	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	49291	No
170	GOM_NL__2PRFIN20110803_125045_000000433105_00139_49291_5621.N1	03-AUG-2011 12:50:45	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	49291	No
171	GOM_NL__2PRFIN20110803_125351_000000453105_00139_49291_5622.N1	03-AUG-2011 12:53:51	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	49291	No
172	GOM_NL__2PRFIN20110803_130113_000000503105_00139_49291_5623.N1	03-AUG-2011 13:01:13	Bright	50.000	142	49Del Cap	2.8500	8900.0	100	49291	No
173	GOM_NL__2PRFIN20110803_130512_000000513105_00139_49291_5624.N1	03-AUG-2011 13:05:12	Bright	51.000	154	22Bet Aqr	2.8990	5700.0	102	49291	No
174	GOM_NL__2PRFIN20110803_130915_000000363105_00139_49291_5625.N1	03-AUG-2011 13:09:15	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	49291	No
175	GOM_NL__2PRFIN20110803_131731_000000443105_00139_49291_5626.N1	03-AUG-2011 13:17:31	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	49291	No
176	GOM_NL__2PRFIN20110803_131941_000000363105_00139_49291_5627.N1	03-AUG-2011 13:19:41	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	49291	No
177	GOM_NL__2PRFIN20110803_132604_000000393105_00139_49291_5628.N1	03-AUG-2011 13:26:04	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49291	No
178	GOM_NL__2PRFIN20110803_134049_000000493105_00139_49291_5629.N1	03-AUG-2011 13:40:49	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	49291	No
179	GOM_NL__2PRFIN20110803_134232_000000503105_00139_49291_5630.N1	03-AUG-2011 13:42:32	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	49291	No
180	GOM_NL__2PRFIN20110803_134450_000000433105_00139_49291_5631.N1	03-AUG-2011 13:44:50	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	49291	No
181	GOM_NL__2PRFIN20110803_134640_000000463105_00139_49291_5632.N1	03-AUG-2011 13:46:40	Bright	46.000	149	45Eps Per	2.8880	30000.	92	49291	No
182	GOM_NL__2PRFIN20110803_135011_000000483105_00139_49291_5633.N1	03-AUG-2011 13:50:11	Bright	48.000	28	12Bet Tau	1.6500	15200.	96	49291	No
183	GOM_NL__2PRFIN20110803_135218_000000433105_00139_49291_5634.N1	03-AUG-2011 13:52:18	Twilight	43.000	176	23Zet Tau	3.0200	22000.	86	49291	No
184	GOM_NL__2PRFIN20110803_135455_000000583105_00139_49291_5635.N1	03-AUG-2011 13:54:55	Dark	58.000	13	87Alp Tau	0.86700	3800.0	116	49291	No
185	GOM_NL__2PRFIN20110803_135654_000000453105_00139_49291_5636.N1	03-AUG-2011 13:56:54	Dark	44.500	27	24Gam Ori	1.6360	26000.	89	49291	No
186	GOM_NL__2PRFIN20110803_135849_000000453105_00139_49291_5637.N1	03-AUG-2011 13:58:49	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	49291	No
187	GOM_NL__2PRFIN20110803_140122_000000483105_00139_49291_5638.N1	03-AUG-2011 14:01:22	Dark	48.000	7	19Bet Ori	0.10000	14000.	96	49291	No
188	GOM_NL__2PRFIN20110803_140620_000000583105_00139_49291_5639.N1	03-AUG-2011 14:06:20	Dark	57.500	165	34Gam Eri	2.9500	3200.0	115	49291	No
189	GOM_NL__2PRFIN20110803_141543_000000463105_00140_49292_5836.N1	03-AUG-2011 14:15:43	Dark	45.500	157	The1Eri	2.9060	9300.0	91	49292	No
190	GOM_NL__2PRFIN20110803_142059_000000473105_00140_49292_5837.N1	03-AUG-2011 14:20:59	Dark	47.000	9	Alp Eri	0.45300	24000.	94	49292	No
191	GOM_NL__2PRFIN20110803_142600_000000543105_00140_49292_5838.N1	03-AUG-2011 14:26:00	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49292	No
192	GOM_NL__2PRFIN20110803_143100_000000433105_00140_49292_5839.N1	03-AUG-2011 14:31:00	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	49292	No
193	GOM_NL__2PRFIN20110803_143405_000000443105_00140_49292_5840.N1	03-AUG-2011 14:34:05	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	49292	No
194	GOM_NL__2PRFIN20110803_144127_000000503105_00140_49292_5841.N1	03-AUG-2011 14:41:27	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	49292	No
195	GOM_NL__2PRFIN20110803_144526_000000503105_00140_49292_5842.N1	03-AUG-2011 14:45:26	Bright	50.000	154	22Bet Aqr	2.8990	5700.0	100	49292	No
196	GOM_NL__2PRFIN20110803_144929_000000393105_00140_49292_5843.N1	03-AUG-2011 14:49:29	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	49292	No
197	GOM_NL__2PRFIN20110803_145745_000000433105_00140_49292_5844.N1	03-AUG-2011 14:57:45	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	49292	No
198	GOM_NL__2PRFIN20110803_145955_000000363105_00140_49292_5845.N1	03-AUG-2011 14:59:55	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	49292	No
199	GOM_NL__2PRFIN20110803_150618_000000403105_00140_49292_5846.N1	03-AUG-2011 15:06:18	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49292	No
200	GOM_NL__2PRFIN20110803_152102_000000613105_00140_49292_5847.N1	03-AUG-2011 15:21:02	Bright	60.500	160	23Gam Per	2.9300	4700.0	121	49292	No
201	GOM_NL__2PRFIN20110803_152246_000000523105_00140_49292_5848.N1	03-AUG-2011 15:22:46	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	49292	No
202	GOM_NL__2PRFIN20110803_152504_000000423105_00140_49292_5849.N1	03-AUG-2011 15:25:04	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	49292	No
203	GOM_NL__2PRFIN20110803_152654_000000473105_00140_49292_5850.N1	03-AUG-2011 15:26:54	Bright	47.000	149	45Eps Per	2.8880	30000.	94	49292	No
204	GOM_NL__2PRFIN20110803_153025_000000573105_00140_49292_5851.N1	03-AUG-2011 15:30:25	Bright	57.000	28	12Bet Tau	1.6500	15200.	114	49292	No
205	GOM_NL__2PRFIN20110803_153232_000000423105_00140_49292_5852.N1	03-AUG-2011 15:32:32	Twilight	42.000	176	23Zet Tau	3.0200	22000.	84	49292	No
206	GOM_NL__2PRFIN20110803_153510_000000683105_00140_49292_5853.N1	03-AUG-2011 15:35:10	Dark	68.000	13	87Alp Tau	0.86700	3800.0	136	49292	No
207	GOM_NL__2PRFIN20110803_153708_000000453105_00140_49292_5854.N1	03-AUG-2011 15:37:08	Dark	45.000	27	24Gam Ori	1.6360	26000.	90	49292	No
208	GOM_NL__2PRFIN20110803_153903_000000423105_00140_49292_5855.N1	03-AUG-2011 15:39:03	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	49292	No
209	GOM_NL__2PRFIN20110803_154136_000000513105_00140_49292_5856.N1	03-AUG-2011 15:41:36	Dark	50.500	7	19Bet Ori	0.10000	14000.	101	49292	No
210	GOM_NL__2PRFIN20110803_154635_000000623105_00140_49292_5857.N1	03-AUG-2011 15:46:35	Dark	61.500	165	34Gam Eri	2.9500	3200.0	123	49292	No
211	GOM_NL__2PRFIN20110803_155558_000000483105_00141_49293_5812.N1	03-AUG-2011 15:55:58	Dark	47.500	157	The1Eri	2.9060	9300.0	95	49293	No
212	GOM_NL__2PRFIN20110803_160113_000000443105_00141_49293_5813.N1	03-AUG-2011 16:01:13	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49293	No
213	GOM_NL__2PRFIN20110803_160615_000000543105_00141_49293_5814.N1	03-AUG-2011 16:06:15	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49293	No
214	GOM_NL__2PRFIN20110803_161114_000000423105_00141_49293_5815.N1	03-AUG-2011 16:11:14	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49293	No
215	GOM_NL__2PRFIN20110803_161420_000000443105_00141_49293_5816.N1	03-AUG-2011 16:14:20	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	49293	No
216	GOM_NL__2PRFIN20110803_162141_000000513105_00141_49293_5817.N1	03-AUG-2011 16:21:41	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	49293	No
217	GOM_NL__2PRFIN20110803_162540_000000503105_00141_49293_5818.N1	03-AUG-2011 16:25:40	Bright	50.000	154	22Bet Aqr	2.8990	5700.0	100	49293	No
218	GOM_NL__2PRFIN20110803_162943_000000393105_00141_49293_5819.N1	03-AUG-2011 16:29:43	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	49293	No
219	GOM_NL__2PRFIN20110803_163758_000000433105_00141_49293_5820.N1	03-AUG-2011 16:37:58	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	49293	No

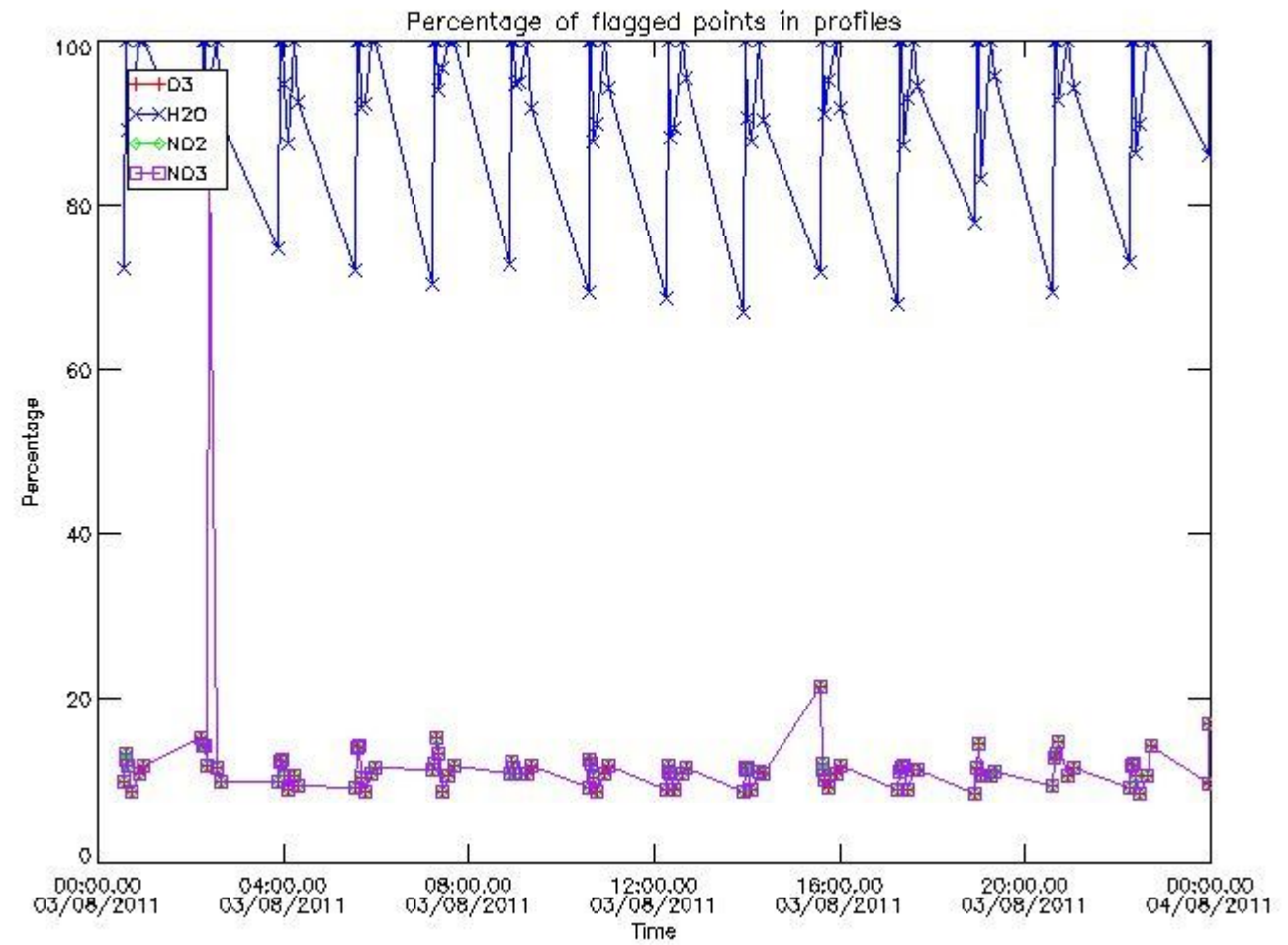
220	GOM_NL__2PRFIN20110803_164009_000000373105_00141_49293_5821.N1	03-AUG-2011 16:40:09	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	49293	No
221	GOM_NL__2PRFIN20110803_164632_000000413105_00141_49293_5822.N1	03-AUG-2011 16:46:32	Bright	41.000	89	5Alp Cep	2.4510	8000.0	82	49293	No
222	GOM_NL__2PRFIN20110803_170116_000000473105_00141_49293_5823.N1	03-AUG-2011 17:01:16	Bright	47.000	160	23Gam Per	2.9300	4700.0	94	49293	No
223	GOM_NL__2PRFIN20110803_170259_000000523105_00141_49293_5824.N1	03-AUG-2011 17:02:59	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	49293	No
224	GOM_NL__2PRFIN20110803_170518_000000453105_00141_49293_5825.N1	03-AUG-2011 17:05:18	Bright	44.500	6	13Alp Aur	0.080000	3400.0	89	49293	No
225	GOM_NL__2PRFIN20110803_170708_000000493105_00141_49293_5826.N1	03-AUG-2011 17:07:08	Bright	49.000	149	45Eps Per	2.8880	30000.	98	49293	No
226	GOM_NL__2PRFIN20110803_171039_000000483105_00141_49293_5827.N1	03-AUG-2011 17:10:39	Bright	48.000	28	12Bet Tau	1.6500	15200.	96	49293	No
227	GOM_NL__2PRFIN20110803_171246_000000413105_00141_49293_5828.N1	03-AUG-2011 17:12:46	Tw_i_and_stray	41.000	176	23Zet Tau	3.0200	22000.	82	49293	No
228	GOM_NL__2PRFIN20110803_171524_000000573105_00141_49293_5829.N1	03-AUG-2011 17:15:24	Dark	56.500	13	87Alp Tau	0.86700	3800.0	113	49293	No
229	GOM_NL__2PRFIN20110803_171723_000000463105_00141_49293_5830.N1	03-AUG-2011 17:17:23	Dark	45.500	27	24Gam Ori	1.6360	26000.	91	49293	No
230	GOM_NL__2PRFIN20110803_171917_000000443105_00141_49293_5831.N1	03-AUG-2011 17:19:17	Dark	44.000	30	46Eps Ori	1.6940	30000.	88	49293	No
231	GOM_NL__2PRFIN20110803_172151_000000473105_00141_49293_5832.N1	03-AUG-2011 17:21:51	Dark	47.000	7	19Bet Ori	0.10000	14000.	94	49293	No
232	GOM_NL__2PRFIN20110803_172650_000000573105_00141_49293_5833.N1	03-AUG-2011 17:26:50	Dark	57.000	165	34Gam Eri	2.9500	3200.0	114	49293	No
233	GOM_NL__2PRFIN20110803_173613_000000503105_00142_49294_5825.N1	03-AUG-2011 17:36:13	Dark	49.500	157	The1Eri	2.9060	9300.0	99	49294	No
234	GOM_NL__2PRFIN20110803_174128_000000453105_00142_49294_5826.N1	03-AUG-2011 17:41:28	Dark	45.000	9	Alp Eri	0.45300	24000.	90	49294	No
235	GOM_NL__2PRFIN20110803_174630_000000543105_00142_49294_5827.N1	03-AUG-2011 17:46:30	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49294	No
236	GOM_NL__2PRFIN20110803_175129_000000433105_00142_49294_5828.N1	03-AUG-2011 17:51:29	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	49294	No
237	GOM_NL__2PRFIN20110803_175434_000000443105_00142_49294_5829.N1	03-AUG-2011 17:54:34	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	49294	No
238	GOM_NL__2PRFIN20110803_180155_000000513105_00142_49294_5830.N1	03-AUG-2011 18:01:55	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	49294	No
239	GOM_NL__2PRFIN20110803_180554_000000503105_00142_49294_5831.N1	03-AUG-2011 18:05:54	Bright	50.000	154	22Bet Aqr	2.8990	5700.0	100	49294	No
240	GOM_NL__2PRFIN20110803_180957_000000393105_00142_49294_5832.N1	03-AUG-2011 18:09:57	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	49294	No
241	GOM_NL__2PRFIN20110803_181812_000000433105_00142_49294_5833.N1	03-AUG-2011 18:18:12	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	49294	No
242	GOM_NL__2PRFIN20110803_182023_000000373105_00142_49294_5834.N1	03-AUG-2011 18:20:23	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	49294	No
243	GOM_NL__2PRFIN20110803_182645_000000413105_00142_49294_5835.N1	03-AUG-2011 18:26:45	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	49294	No
244	GOM_NL__2PRFIN20110803_184129_000000633105_00142_49294_5836.N1	03-AUG-2011 18:41:29	Bright	63.000	160	23Gam Per	2.9300	4700.0	126	49294	No
245	GOM_NL__2PRFIN20110803_184313_000000523105_00142_49294_5837.N1	03-AUG-2011 18:43:13	Bright	51.500	35	33Alp Per	1.7950	6250.0	103	49294	No
246	GOM_NL__2PRFIN20110803_184532_000000433105_00142_49294_5838.N1	03-AUG-2011 18:45:32	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	49294	No
247	GOM_NL__2PRFIN20110803_184722_000000473105_00142_49294_5839.N1	03-AUG-2011 18:47:22	Bright	46.500	149	45Eps Per	2.8880	30000.	93	49294	No
248	GOM_NL__2PRFIN20110803_185053_000000453105_00142_49294_5840.N1	03-AUG-2011 18:50:53	Bright	44.500	28	12Bet Tau	1.6500	15200.	89	49294	No
249	GOM_NL__2PRFIN20110803_185300_000000433105_00142_49294_5841.N1	03-AUG-2011 18:53:00	Tw_i_and_stray	42.500	176	23Zet Tau	3.0200	22000.	85	49294	No
250	GOM_NL__2PRFIN20110803_185539_000000663105_00142_49294_5842.N1	03-AUG-2011 18:55:39	Dark	66.000	13	87Alp Tau	0.86700	3800.0	132	49294	No
251	GOM_NL__2PRFIN20110803_185737_000000453105_00142_49294_5843.N1	03-AUG-2011 18:57:37	Dark	44.500	27	24Gam Ori	1.6360	26000.	89	49294	No
252	GOM_NL__2PRFIN20110803_185932_000000423105_00142_49294_5844.N1	03-AUG-2011 18:59:32	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	49294	No
253	GOM_NL__2PRFIN20110803_190205_000000483105_00142_49294_5845.N1	03-AUG-2011 19:02:05	Dark	48.000	7	19Bet Ori	0.10000	14000.	96	49294	No
254	GOM_NL__2PRFIN20110803_191628_000000483105_00143_49295_5855.N1	03-AUG-2011 19:16:28	Dark	48.000	157	The1Eri	2.9060	9300.0	96	49295	No
255	GOM_NL__2PRFIN20110803_192143_000000463105_00143_49295_5856.N1	03-AUG-2011 19:21:43	Dark	46.000	9	Alp Eri	0.45300	24000.	92	49295	No
256	GOM_NL__2PRFIN20110803_192645_000000543105_00143_49295_5857.N1	03-AUG-2011 19:26:45	Straylight	54.000	84	Alp Phe	2.3970	4500.0	108	49295	No
257	GOM_NL__2PRFIN20110803_193143_000000423105_00143_49295_5858.N1	03-AUG-2011 19:31:43	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49295	No
258	GOM_NL__2PRFIN20110803_193449_000000443105_00143_49295_5859.N1	03-AUG-2011 19:34:49	Straylight	44.000	172	Gam Gru	3.0030	13100.	88	49295	No
259	GOM_NL__2PRFIN20110803_194210_000000503105_00143_49295_5860.N1	03-AUG-2011 19:42:10	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	49295	No
260	GOM_NL__2PRFIN20110803_194608_000000503105_00143_49295_5861.N1	03-AUG-2011 19:46:08	Bright	50.000	154	22Bet Aqr	2.8990	5700.0	100	49295	No
261	GOM_NL__2PRFIN20110803_195011_000000393105_00143_49295_5862.N1	03-AUG-2011 19:50:11	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	49295	No
262	GOM_NL__2PRFIN20110803_195825_000000413105_00143_49295_5863.N1	03-AUG-2011 19:58:25	Bright	41.000	92	53Eps Cyg	2.5000	4500.0	82	49295	No
263	GOM_NL__2PRFIN20110803_200036_000000383105_00143_49295_5864.N1	03-AUG-2011 20:00:36	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	49295	No
264	GOM_NL__2PRFIN20110803_200659_000000403105_00143_49295_5865.N1	03-AUG-2011 20:06:59	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49295	No
265	GOM_NL__2PRFIN20110803_202143_000000483105_00143_49295_5866.N1	03-AUG-2011 20:21:43	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	49295	No
266	GOM_NL__2PRFIN20110803_202327_000000533105_00143_49295_5867.N1	03-AUG-2011 20:23:27	Bright	53.000	35	33Alp Per	1.7950	6250.0	106	49295	No
267	GOM_NL__2PRFIN20110803_202546_000000443105_00143_49295_5868.N1	03-AUG-2011 20:25:46	Bright	43.500	6	13Alp Aur	0.080000	3400.0	87	49295	No
268	GOM_NL__2PRFIN20110803_202736_000000483105_00143_49295_5869.N1	03-AUG-2011 20:27:36	Bright	47.500	149	45Eps Per	2.8880	30000.	95	49295	No
269	GOM_NL__2PRFIN20110803_203107_000000453105_00143_49295_5870.N1	03-AUG-2011 20:31:07	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	49295	No
270	GOM_NL__2PRFIN20110803_203315_000000423105_00143_49295_5871.N1	03-AUG-2011 20:33:15	Tw_i_and_stray	41.500	176	23Zet Tau	3.0200	22000.	83	49295	No
271	GOM_NL__2PRFIN20110803_203553_000000553105_00143_49295_5872.N1	03-AUG-2011 20:35:53	Dark	54.500	13	87Alp Tau	0.86700	3800.0	109	49295	No
272	GOM_NL__2PRFIN20110803_203751_000000443105_00143_49295_5873.N1	03-AUG-2011 20:37:51	Dark	43.500	27	24Gam Ori	1.6360	26000.	87	49295	No
273	GOM_NL__2PRFIN20110803_203946_000000423105_00143_49295_5874.N1	03-AUG-2011 20:39:46	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	49295	No
274	GOM_NL__2PRFIN20110803_204220_000000493105_00143_49295_5875.N1	03-AUG-2011 20:42:20	Dark	48.500	7	19Bet Ori	0.10000	14000.	97	49295	No
275	GOM_NL__2PRFIN20110803_205643_000000483105_00144_49296_5876.N1	03-AUG-2011 20:56:43	Dark	48.000	157	The1Eri	2.9060	9300.0	96	49296	No
276	GOM_NL__2PRFIN20110803_210157_000000443105_00144_49296_5877.N1	03-AUG-2011 21:01:57	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49296	No
277	GOM_NL__2PRFIN20110803_210700_000000653105_00144_49296_5878.N1	03-AUG-2011 21:07:00	Straylight	65.000	84	Alp Phe	2.3970	4500.0	130	49296	No
278	GOM_NL__2PRFIN20110803_211158_000000433105_00144_49296_5879.N1	03-AUG-2011 21:11:58	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	49296	No

279	GOM_NL__2PRFIN20110803_211503_000000453105_00144_49296_5880.N1	03-AUG-2011 21:15:03	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	49296	No
280	GOM_NL__2PRFIN20110803_212224_000000503105_00144_49296_5881.N1	03-AUG-2011 21:22:24	Bright	50.000	142	49Del Cap	2.8500	8900.0	100	49296	No
281	GOM_NL__2PRFIN20110803_212621_000000503105_00144_49296_5882.N1	03-AUG-2011 21:26:21	Bright	50.000	154	22Bet Aqr	2.8990	5700.0	100	49296	No
282	GOM_NL__2PRFIN20110803_213025_000000373105_00144_49296_5883.N1	03-AUG-2011 21:30:25	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	49296	No
283	GOM_NL__2PRFIN20110803_213839_000000493105_00144_49296_5884.N1	03-AUG-2011 21:38:39	Bright	48.500	92	53Eps Cyg	2.5000	4500.0	97	49296	No
284	GOM_NL__2PRFIN20110803_214050_000000373105_00144_49296_5885.N1	03-AUG-2011 21:40:50	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	49296	No
285	GOM_NL__2PRFIN20110803_214712_000000403105_00144_49296_5886.N1	03-AUG-2011 21:47:12	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49296	No
286	GOM_NL__2PRFIN20110803_220156_000000493105_00144_49296_5887.N1	03-AUG-2011 22:01:56	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	49296	No
287	GOM_NL__2PRFIN20110803_220340_000000523105_00144_49296_5888.N1	03-AUG-2011 22:03:40	Bright	51.500	35	33Alp Per	1.7950	6250.0	103	49296	No
288	GOM_NL__2PRFIN20110803_220600_000000433105_00144_49296_5889.N1	03-AUG-2011 22:06:00	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	49296	No
289	GOM_NL__2PRFIN20110803_220749_000000473105_00144_49296_5890.N1	03-AUG-2011 22:07:49	Bright	47.000	149	45Eps Per	2.8880	30000.	94	49296	No
290	GOM_NL__2PRFIN20110803_221121_000000453105_00144_49296_5891.N1	03-AUG-2011 22:11:21	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	49296	No
291	GOM_NL__2PRFIN20110803_221329_000000433105_00144_49296_5892.N1	03-AUG-2011 22:13:29	Tw_i_and_stray	42.500	176	23Zet Tau	3.0200	22000.	85	49296	No
292	GOM_NL__2PRFIN20110803_221608_000000563105_00144_49296_5893.N1	03-AUG-2011 22:16:08	Dark	56.000	13	87Alp Tau	0.86700	3800.0	112	49296	No
293	GOM_NL__2PRFIN20110803_221806_000000433105_00144_49296_5894.N1	03-AUG-2011 22:18:06	Dark	43.000	27	24Gam Ori	1.6360	26000.	86	49296	No
294	GOM_NL__2PRFIN20110803_222000_000000423105_00144_49296_5895.N1	03-AUG-2011 22:20:00	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	49296	No
295	GOM_NL__2PRFIN20110803_222234_000000483105_00144_49296_5896.N1	03-AUG-2011 22:22:34	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	49296	No
296	GOM_NL__2PRFIN20110803_222735_000000603105_00144_49296_5897.N1	03-AUG-2011 22:27:35	Dark	60.000	165	34Gam Eri	2.9500	3200.0	120	49296	No
297	GOM_NL__2PRFIN20110803_223658_000000483105_00145_49297_5887.N1	03-AUG-2011 22:36:58	Dark	48.000	157	The1Eri	2.9060	9300.0	96	49297	No
298	GOM_NL__2PRFIN20110803_224212_000000473105_00145_49297_5888.N1	03-AUG-2011 22:42:12	Dark	46.500	9	Alp Eri	0.45300	24000.	93	49297	No
299	GOM_NL__2PRFIN20110803_224715_000000543105_00145_49297_5889.N1	03-AUG-2011 22:47:15	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49297	No
300	GOM_NL__2PRFIN20110803_225212_000000463105_00145_49297_5890.N1	03-AUG-2011 22:52:12	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	49297	No
301	GOM_NL__2PRFIN20110803_225517_000000443105_00145_49297_5891.N1	03-AUG-2011 22:55:17	Straylight	44.000	172	Gam Gru	3.0030	13100.	88	49297	No
302	GOM_NL__2PRFIN20110803_230238_000000513105_00145_49297_5892.N1	03-AUG-2011 23:02:38	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	49297	No
303	GOM_NL__2PRFIN20110803_230635_000000503105_00145_49297_5893.N1	03-AUG-2011 23:06:35	Bright	49.500	154	22Bet Aqr	2.8990	5700.0	99	49297	No
304	GOM_NL__2PRFIN20110803_231039_000000373105_00145_49297_5894.N1	03-AUG-2011 23:10:39	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	49297	No
305	GOM_NL__2PRFIN20110803_231852_000000433105_00145_49297_5895.N1	03-AUG-2011 23:18:52	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	49297	No
306	GOM_NL__2PRFIN20110803_232104_000000543105_00145_49297_5896.N1	03-AUG-2011 23:21:04	Bright	54.000	144	18Del Cyg	2.8600	11000.	108	49297	No
307	GOM_NL__2PRFIN20110803_232726_000000403105_00145_49297_5897.N1	03-AUG-2011 23:27:26	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49297	No
308	GOM_NL__2PRFIN20110803_234210_000000493105_00145_49297_5898.N1	03-AUG-2011 23:42:10	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	49297	No
309	GOM_NL__2PRFIN20110803_234354_000000573105_00145_49297_5899.N1	03-AUG-2011 23:43:54	Bright	57.000	35	33Alp Per	1.7950	6250.0	114	49297	No
310	GOM_NL__2PRFIN20110803_234614_000000373105_00145_49297_5900.N1	03-AUG-2011 23:46:14	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	49297	No
311	GOM_NL__2PRFIN20110803_234803_000000473105_00145_49297_5901.N1	03-AUG-2011 23:48:03	Bright	46.500	149	45Eps Per	2.8880	30000.	93	49297	No
312	GOM_NL__2PRFIN20110803_235135_000000463105_00145_49297_5902.N1	03-AUG-2011 23:51:35	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	49297	No
313	GOM_NL__2PRFIN20110803_235343_000000413105_00145_49297_5903.N1	03-AUG-2011 23:53:43	Tw_i_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	49297	No
314	GOM_NL__2PRFIN20110803_235622_000000583105_00145_49297_5904.N1	03-AUG-2011 23:56:22	Dark	57.500	13	87Alp Tau	0.86700	3800.0	115	49297	No
315	GOM_NL__2PRFIN20110803_235820_000000463105_00145_49297_5905.N1	03-AUG-2011 23:58:20	Dark	45.500	27	24Gam Ori	1.6360	26000.	91	49297	No

3. Quality information per product

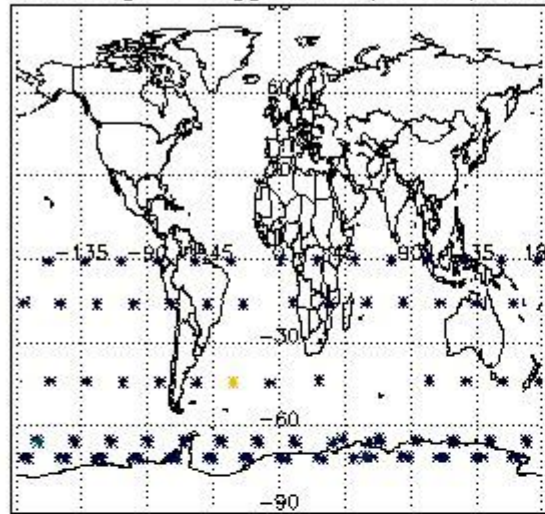
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

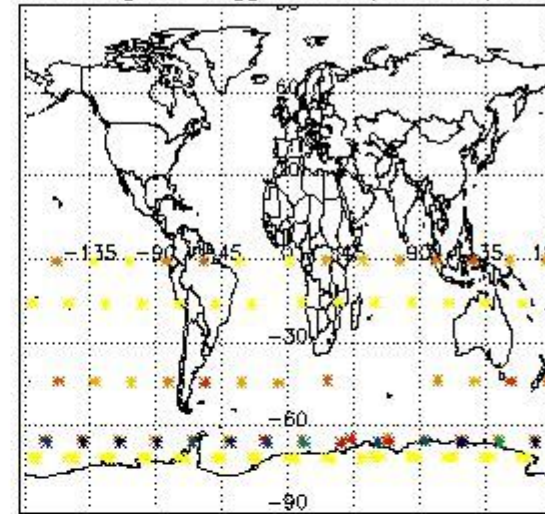


3.2 Plot quality information per product (world map)

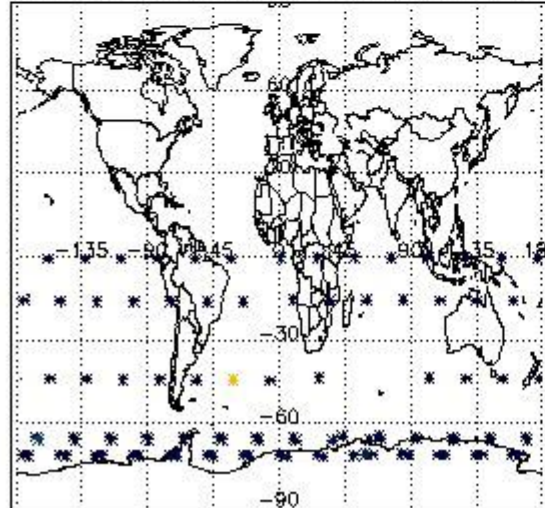
Percentage of flagged data per O3 profile



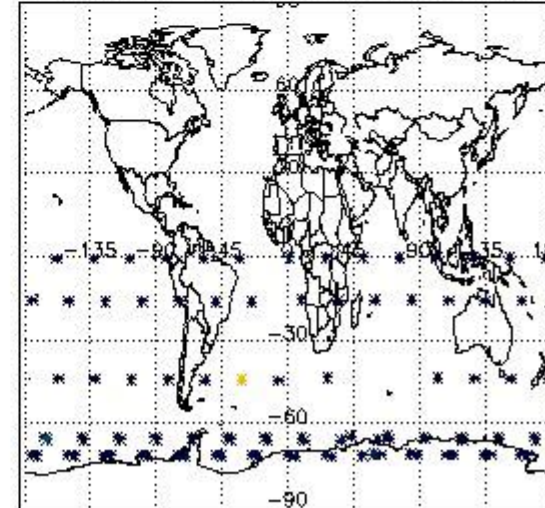
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

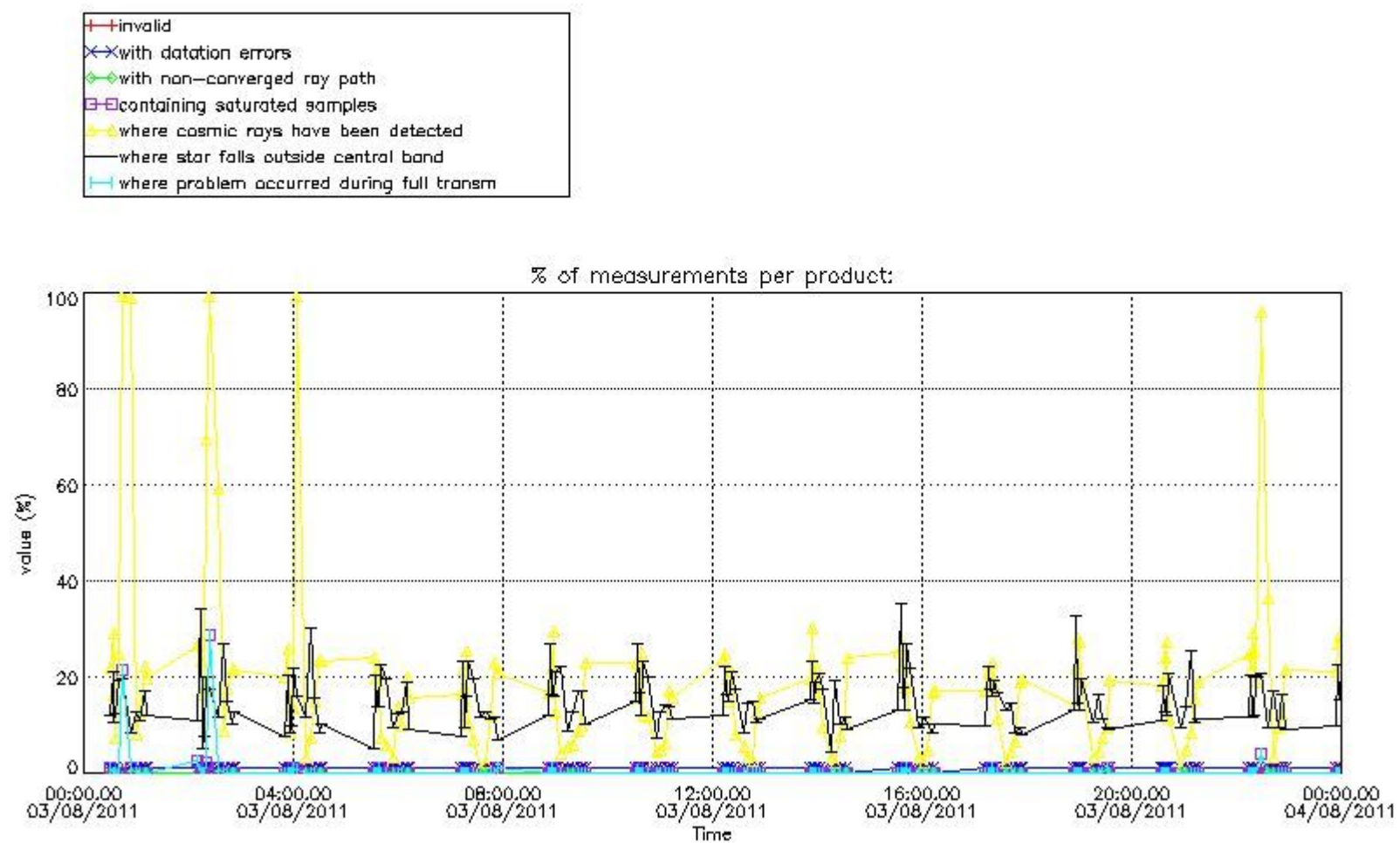


4. Level 1 quality information per product

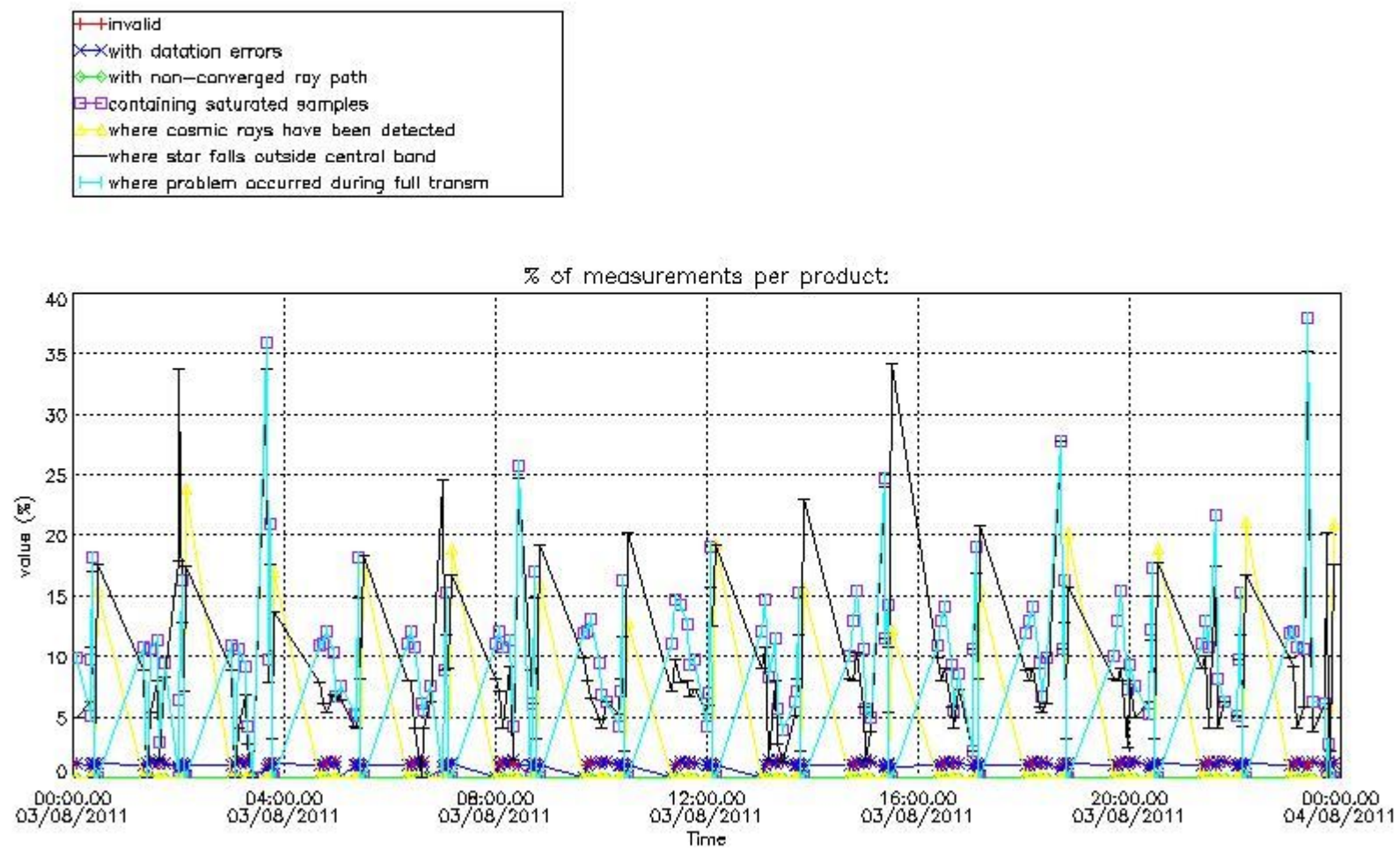
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

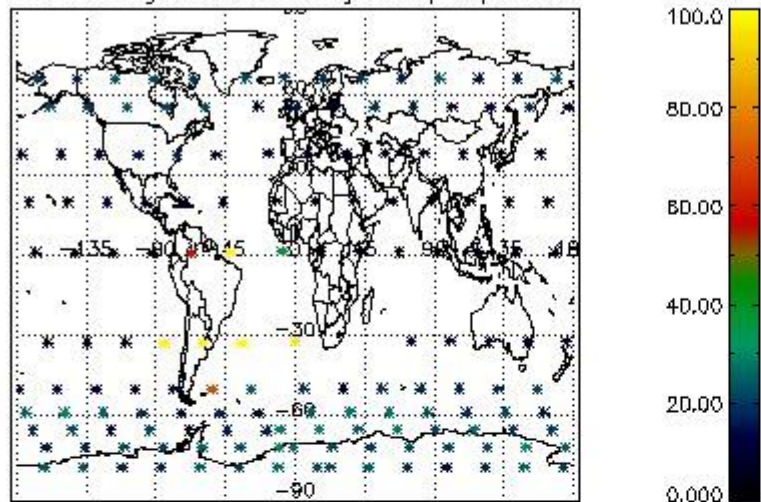


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

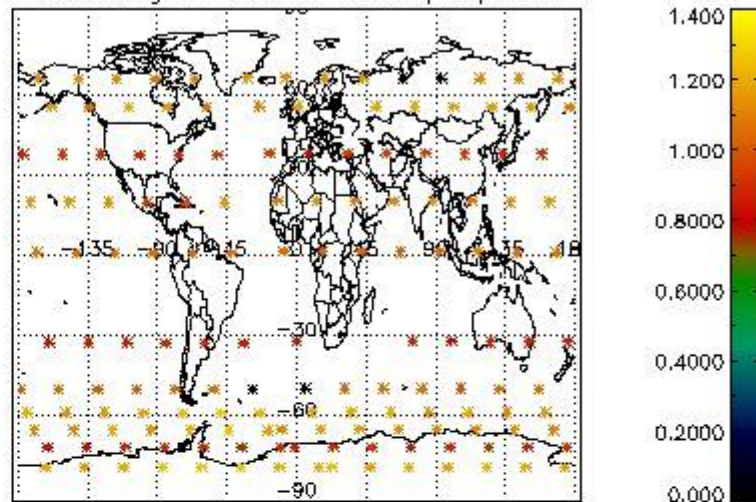


4.2 Plot quality information per product coming from level 1b processing (world map)
 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes

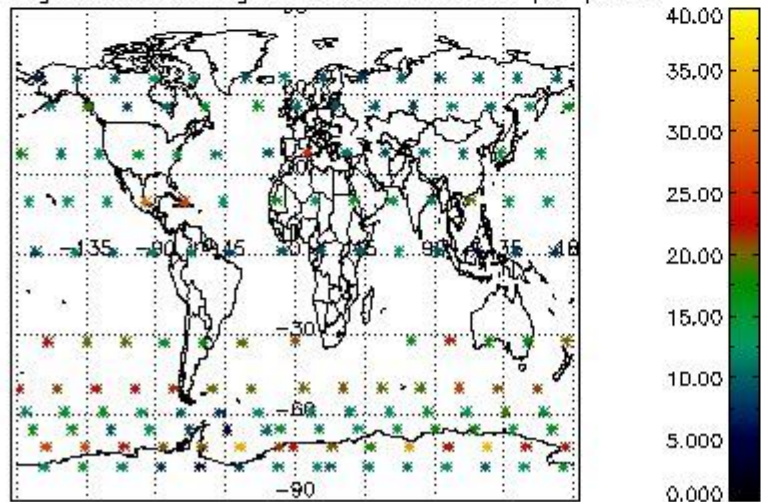
Percentage of cosmic ray hits per profile



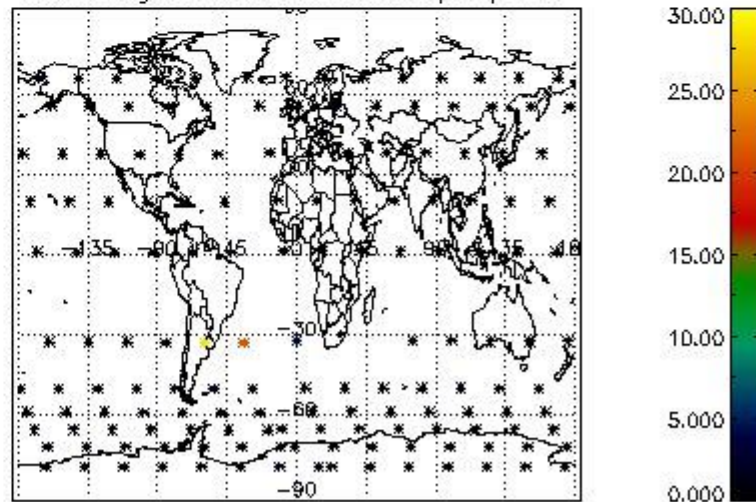
Percentage of datation errors per profile



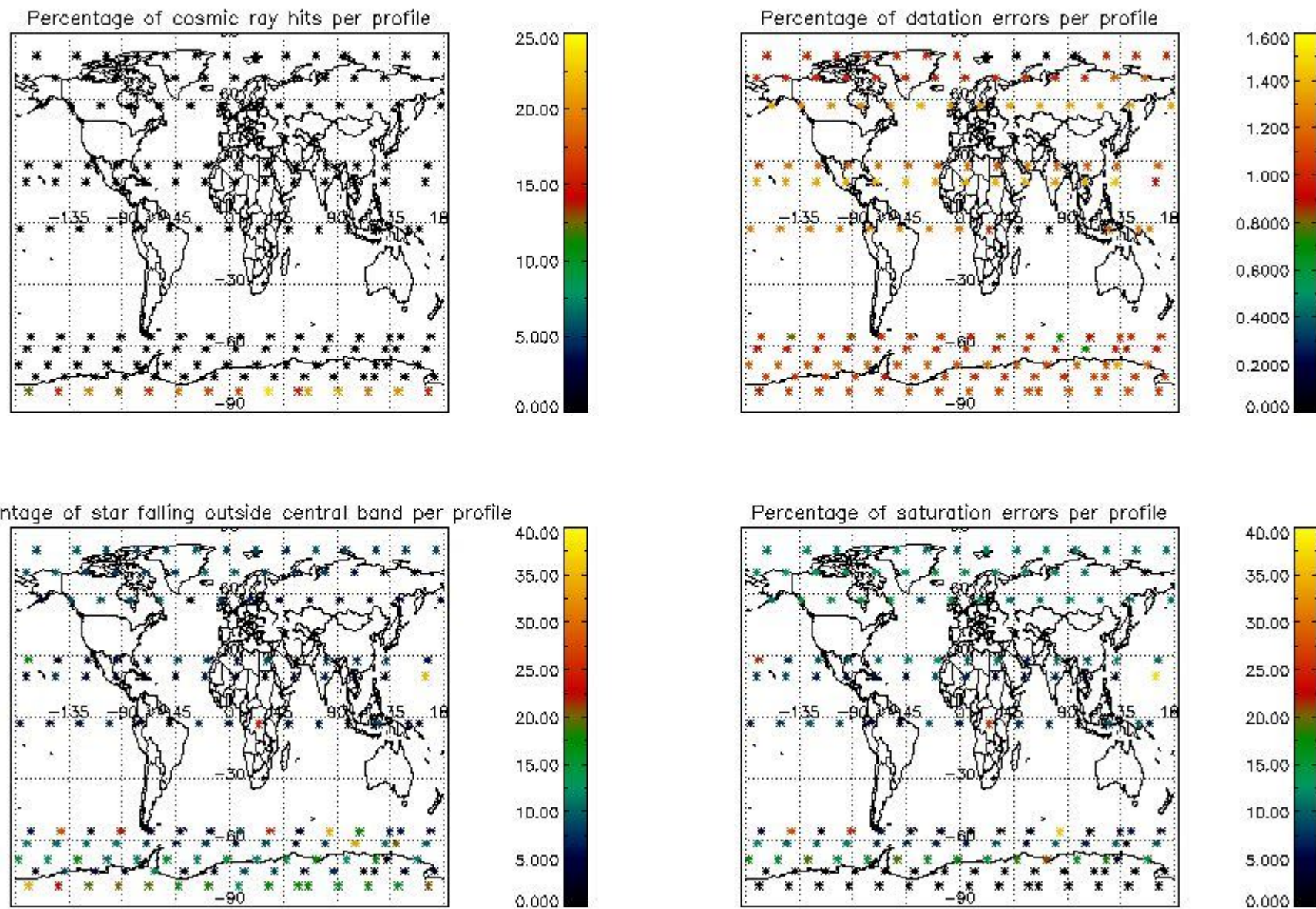
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

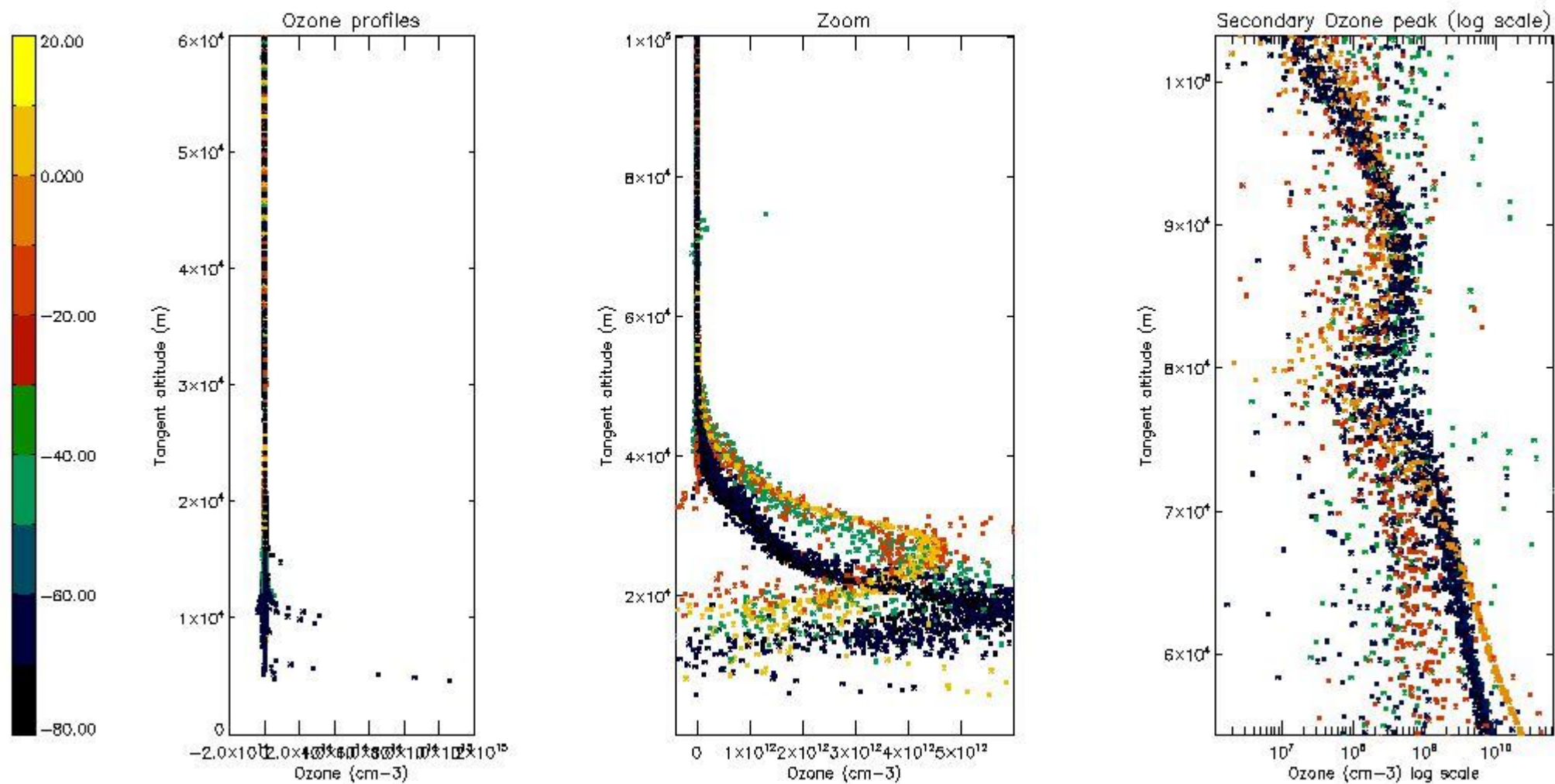
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	13
STD < 5	10

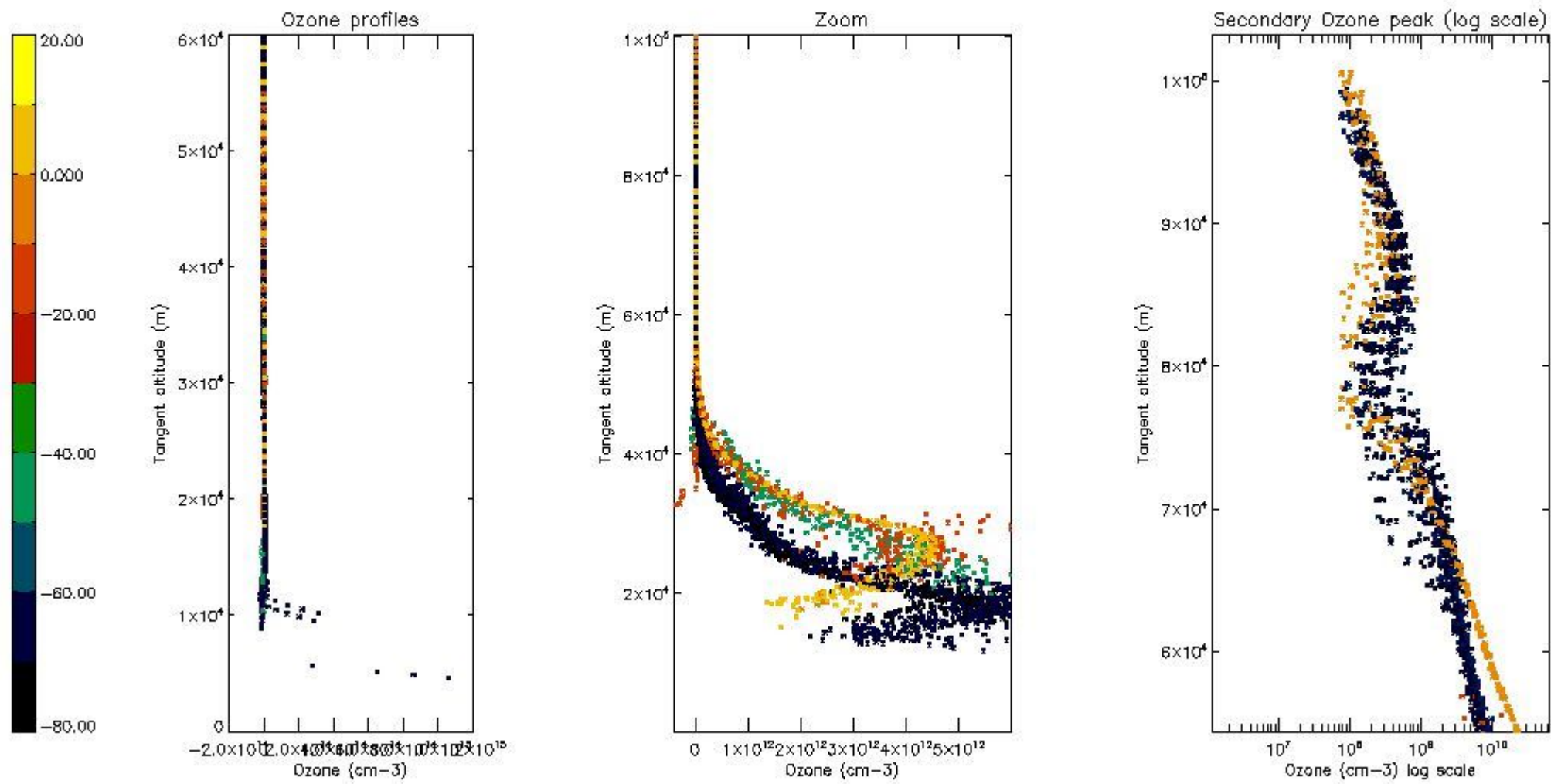
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



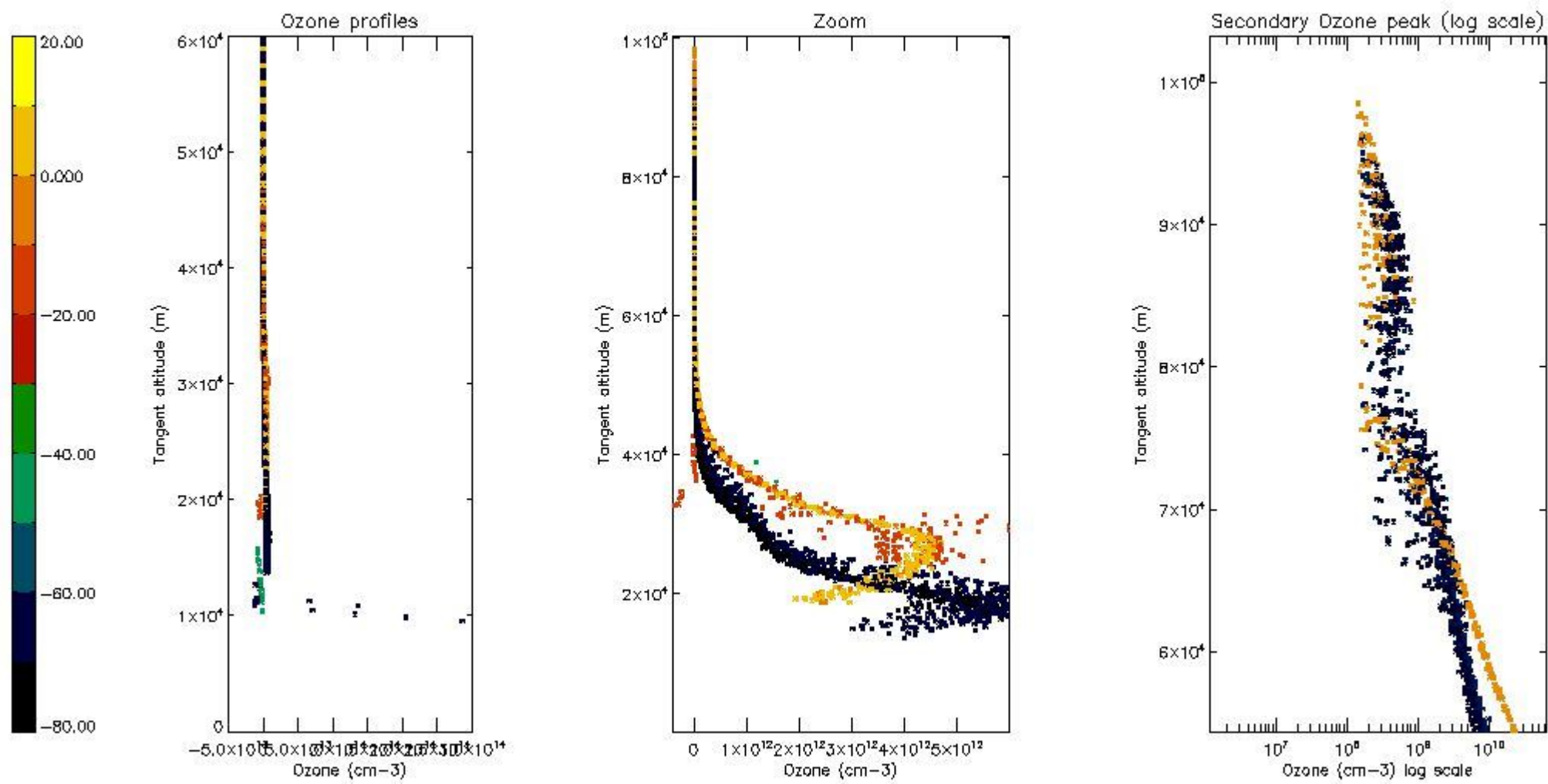
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



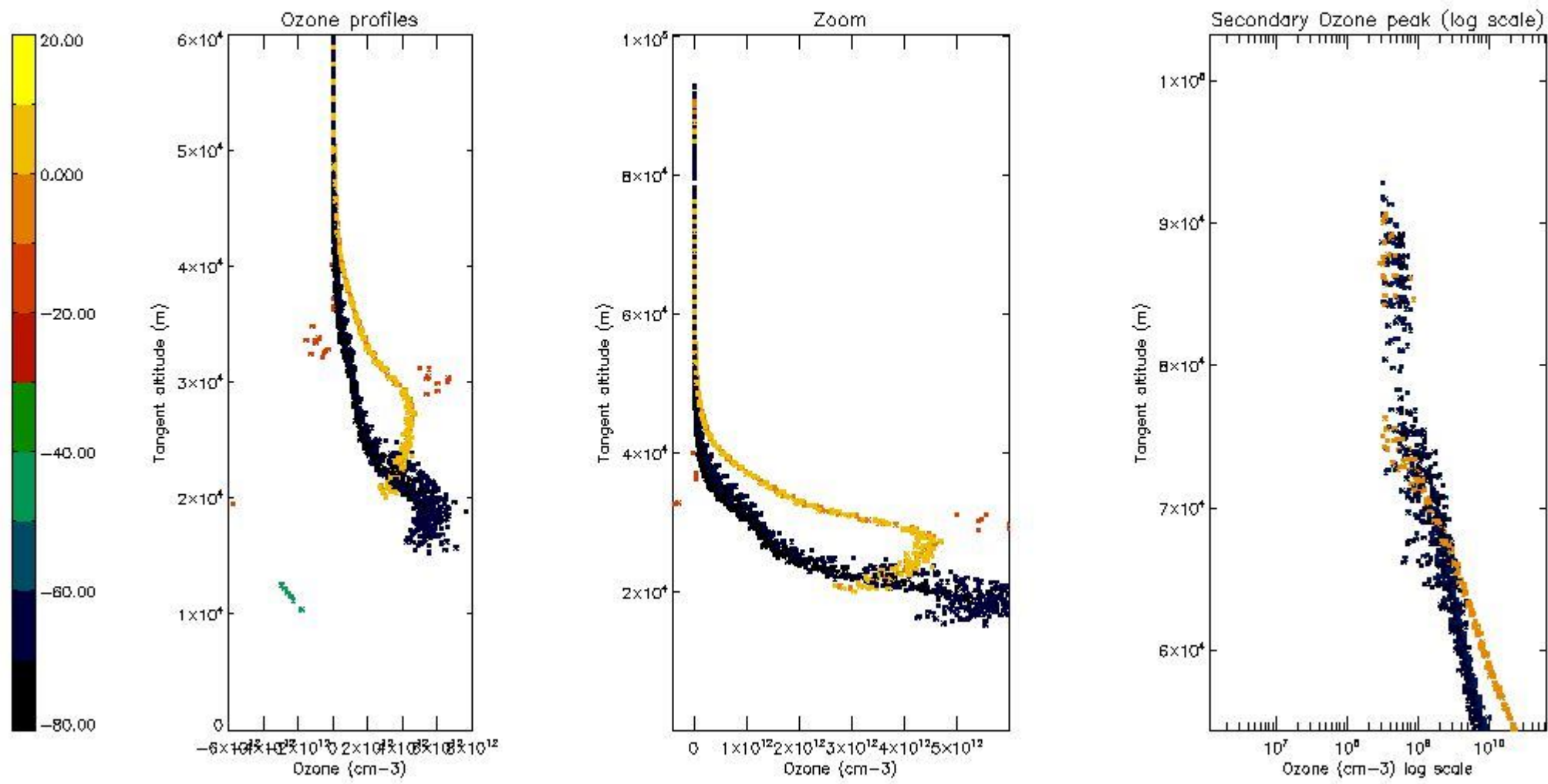
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



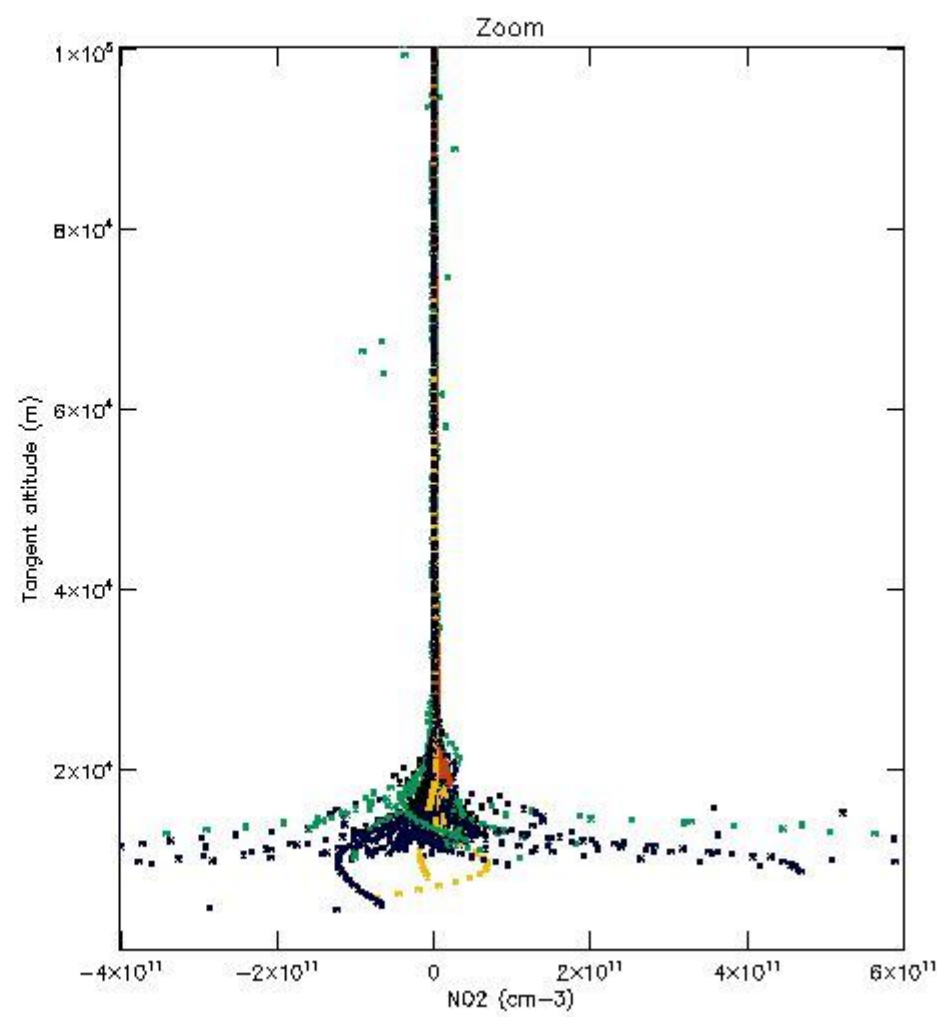
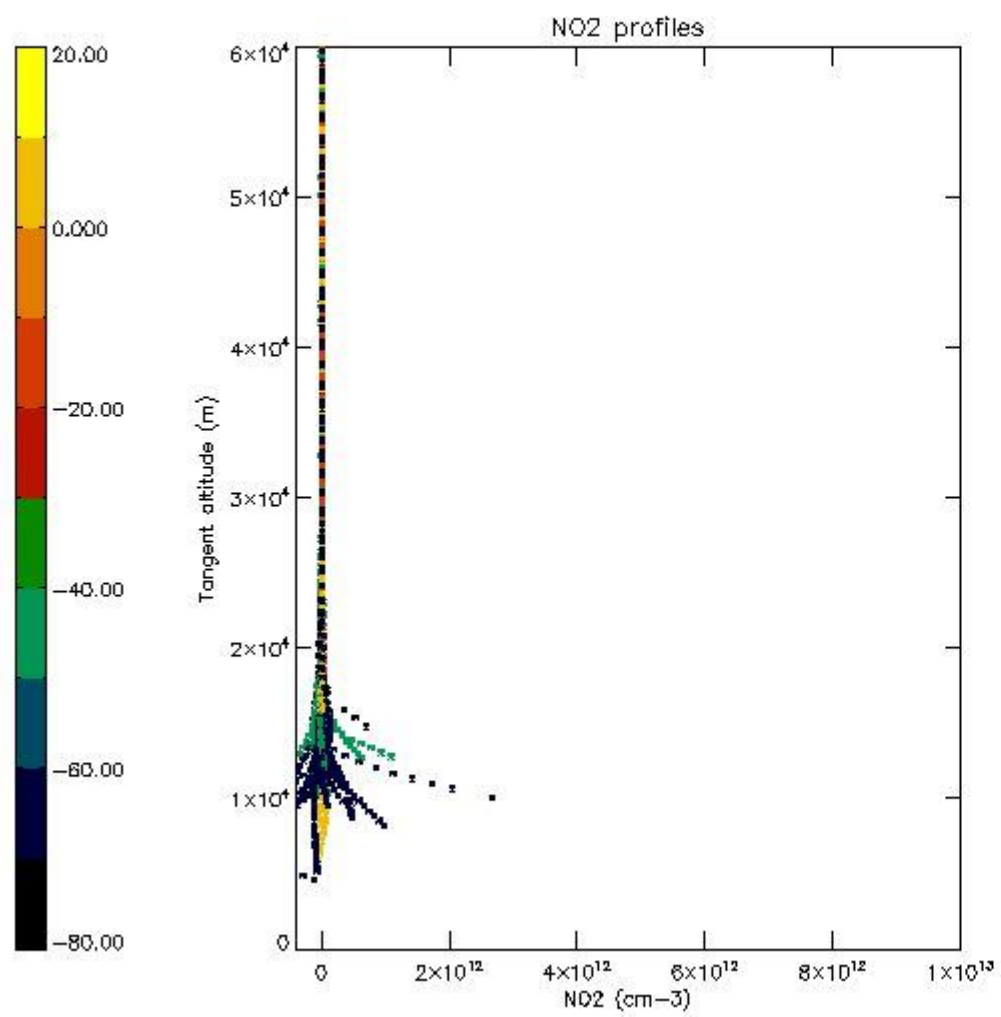
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



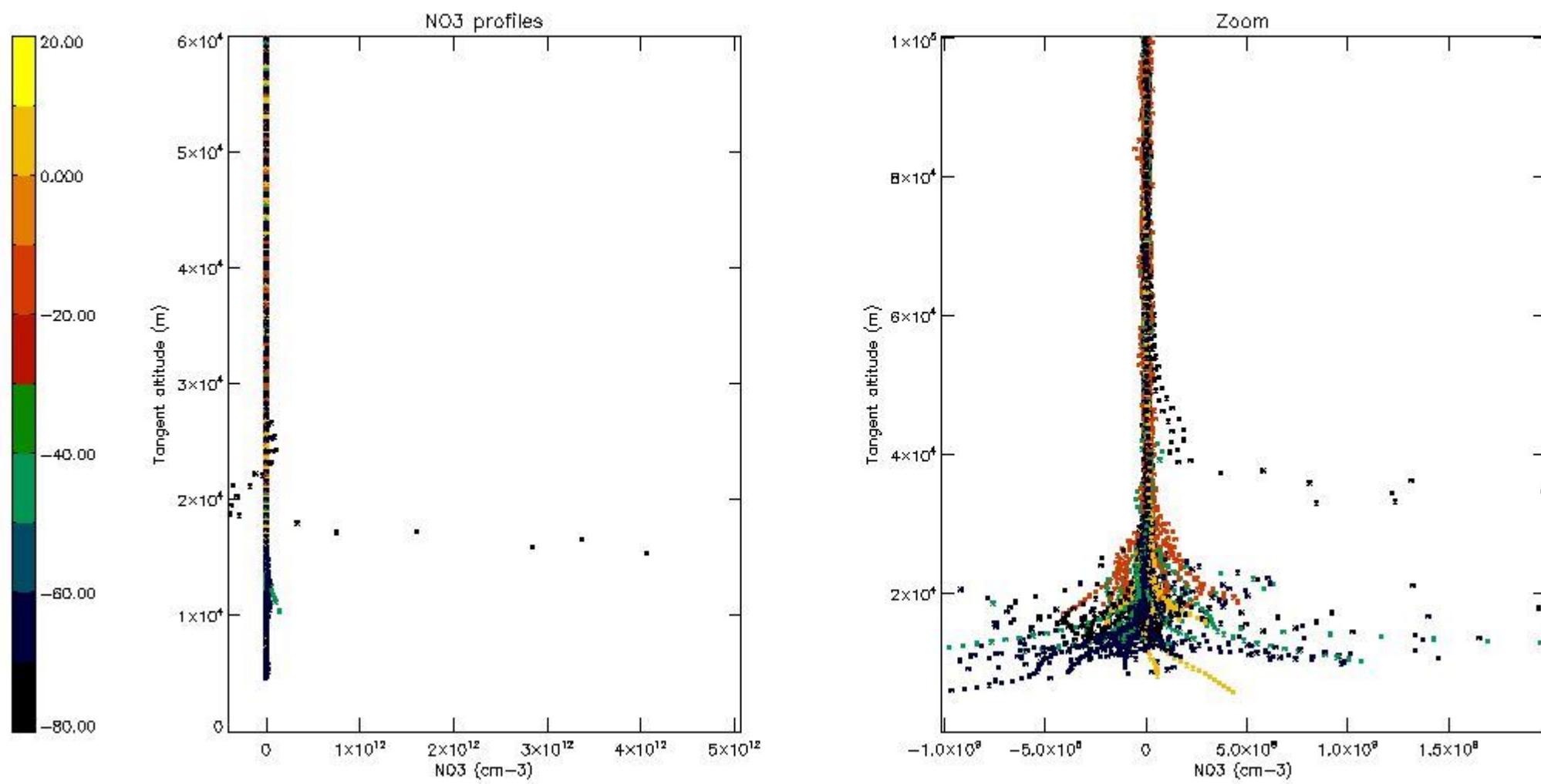
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



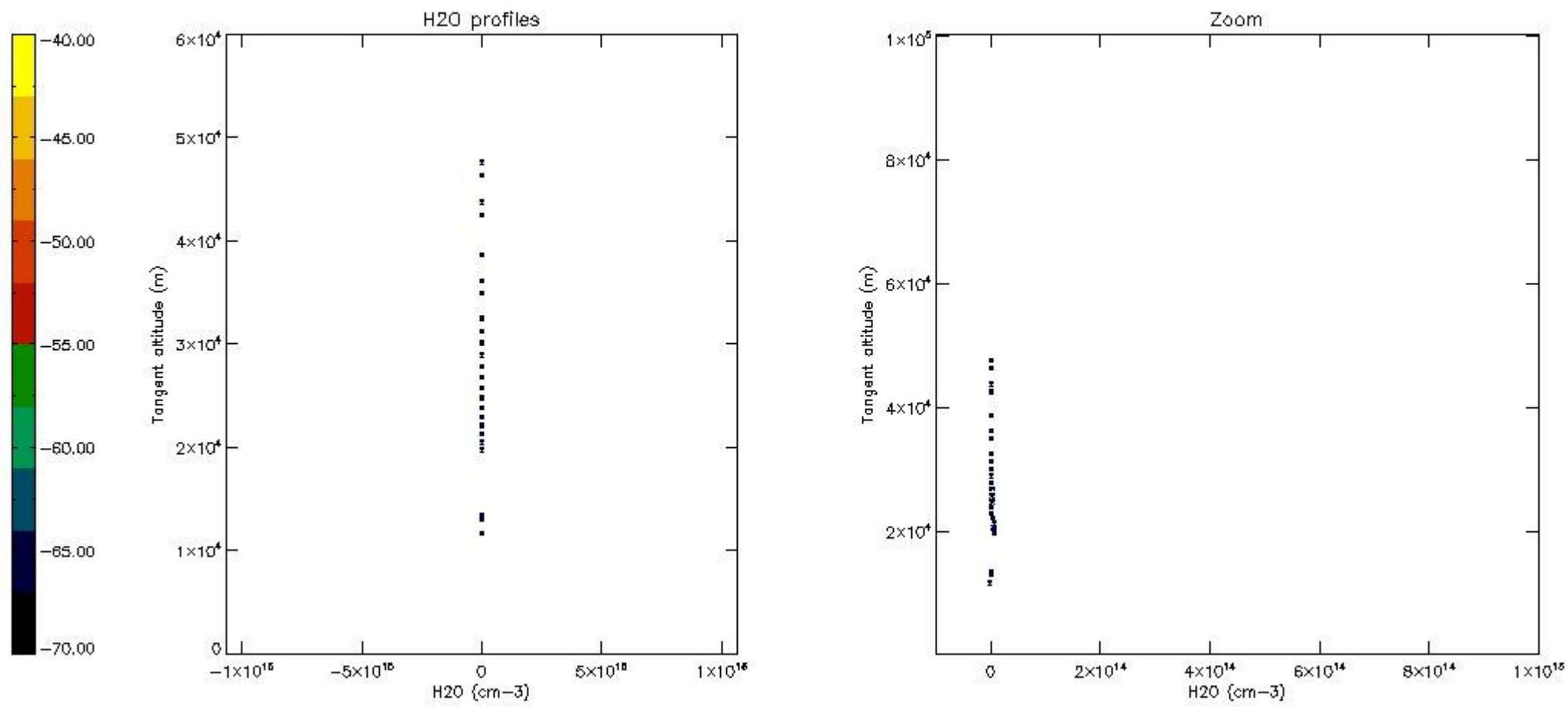
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-AUG-2011 00:04:15
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-AUG-2011 00:04:15
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-AUG-2011 00:04:15

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 \(dark without errors\)](#)

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

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

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

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

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

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

Item	Value
Time of report generation	24APR2013 16:27:50
Data source version	GOMOS/6.01
Start time of products	03-08-2011 (03AUG2011 00:00:00)
Stop time of products	04-08-2011 (04AUG2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	315
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__2PRFIN20110803_000415_000000413105_00131_49283_5415.N1	03-AUG-2011 00:04:15	Bright	40.500	89	5Alp Cep	2.4510	8000.0	81	49283	No
2	GOM_NL__2PRFIN20110803_001900_000000493105_00131_49283_5416.N1	03-AUG-2011 00:19:00	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	49283	No
3	GOM_NL__2PRFIN20110803_002042_000000513105_00131_49283_5417.N1	03-AUG-2011 00:20:42	Bright	51.000	35	33Alp Per	1.7950	6250.0	102	49283	No
4	GOM_NL__2PRFIN20110803_002258_000000443105_00131_49283_5418.N1	03-AUG-2011 00:22:58	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	49283	No
5	GOM_NL__2PRFIN20110803_002449_000000463105_00131_49283_5419.N1	03-AUG-2011 00:24:49	Bright	45.500	149	45Eps Per	2.8880	30000.	91	49283	No
6	GOM_NL__2PRFIN20110803_002817_000000463105_00131_49283_5420.N1	03-AUG-2011 00:28:17	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	49283	No
7	GOM_NL__2PRFIN20110803_003024_000000423105_00131_49283_5421.N1	03-AUG-2011 00:30:24	Twilight	41.500	176	23Zet Tau	3.0200	22000.	83	49283	No
8	GOM_NL__2PRFIN20110803_003300_000000573105_00131_49283_5422.N1	03-AUG-2011 00:33:00	Dark	56.500	13	87Alp Tau	0.86700	3800.0	113	49283	No
9	GOM_NL__2PRFIN20110803_003459_000000433105_00131_49283_5423.N1	03-AUG-2011 00:34:59	Dark	42.500	27	24Gam Ori	1.6360	26000.	85	49283	No
10	GOM_NL__2PRFIN20110803_003654_000000413105_00131_49283_5424.N1	03-AUG-2011 00:36:54	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	49283	No
11	GOM_NL__2PRFIN20110803_003926_000000473105_00131_49283_5425.N1	03-AUG-2011 00:39:26	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	49283	No
12	GOM_NL__2PRFIN20110803_004420_000000593105_00131_49283_5426.N1	03-AUG-2011 00:44:20	Dark	58.500	165	34Gam Eri	2.9500	3200.0	117	49283	No
13	GOM_NL__2PRFIN20110803_005343_000000483105_00132_49284_5430.N1	03-AUG-2011 00:53:43	Dark	47.500	157	The1Eri	2.9060	9300.0	95	49284	No
14	GOM_NL__2PRFIN20110803_005901_000000443105_00132_49284_5431.N1	03-AUG-2011 00:59:01	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49284	No
15	GOM_NL__2PRFIN20110803_010400_000000553105_00132_49284_5432.N1	03-AUG-2011 01:04:00	Straylight	54.500	84	Alp Phe	2.3970	4500.0	109	49284	No
16	GOM_NL__2PRFIN20110803_010904_000000473105_00132_49284_5433.N1	03-AUG-2011 01:09:04	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	49284	No
17	GOM_NL__2PRFIN20110803_011210_000000463105_00132_49284_5434.N1	03-AUG-2011 01:12:10	Straylight	45.500	172	Gam Gru	3.0030	13100.	91	49284	No
18	GOM_NL__2PRFIN20110803_011934_000000513105_00132_49284_5435.N1	03-AUG-2011 01:19:34	Bright	51.000	142	49Del Cap	2.8500	8900.0	102	49284	No
19	GOM_NL__2PRFIN20110803_012335_000000433105_00132_49284_5436.N1	03-AUG-2011 01:23:35	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	49284	No
20	GOM_NL__2PRFIN20110803_012737_000000383105_00132_49284_5437.N1	03-AUG-2011 01:27:37	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	49284	No
21	GOM_NL__2PRFIN20110803_013556_000000443105_00132_49284_5438.N1	03-AUG-2011 01:35:56	Bright	44.000	92	53Eps Cyg	2.5000	4500.0	88	49284	No
22	GOM_NL__2PRFIN20110803_013804_000000353105_00132_49284_5439.N1	03-AUG-2011 01:38:04	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	49284	No
23	GOM_NL__2PRFIN20110803_014429_000000423105_00132_49284_5440.N1	03-AUG-2011 01:44:29	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	49284	No
24	GOM_NL__2PRFIN20110803_015914_000000563105_00132_49284_5441.N1	03-AUG-2011 01:59:14	Bright	56.000	160	23Gam Per	2.9300	4700.0	112	49284	No
25	GOM_NL__2PRFIN20110803_020056_000000713105_00132_49284_5442.N1	03-AUG-2011 02:00:56	Bright	71.000	35	33Alp Per	1.7950	6250.0	142	49284	No
26	GOM_NL__2PRFIN20110803_020312_000000433105_00132_49284_5443.N1	03-AUG-2011 02:03:12	Bright	43.000	6	13Alp Aur	0.080000	3400.0	86	49284	No
27	GOM_NL__2PRFIN20110803_020503_000000503105_00132_49284_5444.N1	03-AUG-2011 02:05:03	Bright	49.500	149	45Eps Per	2.8880	30000.	99	49284	No
28	GOM_NL__2PRFIN20110803_020831_000000463105_00132_49284_5445.N1	03-AUG-2011 02:08:31	Bright	46.000	28	12Bet Tau	1.6500	15200.	92	49284	No
29	GOM_NL__2PRFIN20110803_021038_000000423105_00132_49284_5446.N1	03-AUG-2011 02:10:38	Twilight	41.500	176	23Zet Tau	3.0200	22000.	83	49284	No
30	GOM_NL__2PRFIN20110803_021314_000000673105_00132_49284_5447.N1	03-AUG-2011 02:13:14	Dark	67.000	13	87Alp Tau	0.86700	3800.0	134	49284	No
31	GOM_NL__2PRFIN20110803_021513_000000403105_00132_49284_5448.N1	03-AUG-2011 02:15:13	Dark	39.500	27	24Gam Ori	1.6360	26000.	79	49284	No
32	GOM_NL__2PRFIN20110803_021708_000000403105_00132_49284_5449.N1	03-AUG-2011 02:17:08	Dark	39.500	30	46Eps Ori	1.6940	30000.	79	49284	No
33	GOM_NL__2PRFIN20110803_021940_000000483105_00132_49284_5450.N1	03-AUG-2011 02:19:40	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	49284	No
34	GOM_NL__2PRFIN20110803_022435_000000583105_00132_49284_5451.N1	03-AUG-2011 02:24:35	Dark	57.500	165	34Gam Eri	2.9500	3200.0	115	49284	No
35	GOM_NL__2PRFIN20110803_023358_000000483105_00133_49285_5441.N1	03-AUG-2011 02:33:58	Dark	48.000	157	The1Eri	2.9060	9300.0	96	49285	No
36	GOM_NL__2PRFIN20110803_023916_000000523105_00133_49285_5442.N1	03-AUG-2011 02:39:16	Dark	52.000	9	Alp Eri	0.45300	24000.	104	49285	No
37	GOM_NL__2PRFIN20110803_024415_000000583105_00133_49285_5443.N1	03-AUG-2011 02:44:15	Straylight	57.500	84	Alp Phe	2.3970	4500.0	115	49285	No
38	GOM_NL__2PRFIN20110803_024918_000000443105_00133_49285_5444.N1	03-AUG-2011 02:49:18	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	49285	No
39	GOM_NL__2PRFIN20110803_025224_000000473105_00133_49285_5445.N1	03-AUG-2011 02:52:24	Straylight	46.500	172	Gam Gru	3.0030	13100.	93	49285	No
40	GOM_NL__2PRFIN20110803_025948_000000513105_00133_49285_5446.N1	03-AUG-2011 02:59:48	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	49285	No
41	GOM_NL__2PRFIN20110803_030349_000000433105_00133_49285_5447.N1	03-AUG-2011 03:03:49	Bright	43.000	154	22Bet Aqr	2.8990	5700.0	86	49285	No
42	GOM_NL__2PRFIN20110803_030751_000000383105_00133_49285_5448.N1	03-AUG-2011 03:07:51	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	49285	No

43	GOM_NL__2PRFIN20110803_031610_000000443105_00133_49285_5449.N1	03-AUG-2011 03:16:10	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	49285	No
44	GOM_NL__2PRFIN20110803_031818_000000363105_00133_49285_5450.N1	03-AUG-2011 03:18:18	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	49285	No
45	GOM_NL__2PRFIN20110803_032443_000000373105_00133_49285_5451.N1	03-AUG-2011 03:24:43	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	49285	No
46	GOM_NL__2PRFIN20110803_033927_000000713105_00133_49285_5452.N1	03-AUG-2011 03:39:27	Bright	71.000	160	23Gam Per	2.9300	4700.0	142	49285	No
47	GOM_NL__2PRFIN20110803_034110_000000513105_00133_49285_5453.N1	03-AUG-2011 03:41:10	Bright	51.000	35	33Alp Per	1.7950	6250.0	102	49285	No
48	GOM_NL__2PRFIN20110803_034326_000000463105_00133_49285_5454.N1	03-AUG-2011 03:43:26	Bright	45.500	6	13Alp Aur	0.080000	3400.0	91	49285	No
49	GOM_NL__2PRFIN20110803_034516_000000483105_00133_49285_5455.N1	03-AUG-2011 03:45:16	Bright	47.500	149	45Eps Per	2.8880	30000.	95	49285	No
50	GOM_NL__2PRFIN20110803_034846_000000443105_00133_49285_5456.N1	03-AUG-2011 03:48:46	Bright	44.000	28	12Bet Tau	1.6500	15200.	88	49285	No
51	GOM_NL__2PRFIN20110803_035052_000000403105_00133_49285_5457.N1	03-AUG-2011 03:50:52	Twilight	40.000	176	23Zet Tau	3.0200	22000.	80	49285	No
52	GOM_NL__2PRFIN20110803_035329_000000563105_00133_49285_5458.N1	03-AUG-2011 03:53:29	Dark	56.000	13	87Alp Tau	0.86700	3800.0	112	49285	No
53	GOM_NL__2PRFIN20110803_035528_000000423105_00133_49285_5459.N1	03-AUG-2011 03:55:28	Dark	41.500	27	24Gam Ori	1.6360	26000.	83	49285	No
54	GOM_NL__2PRFIN20110803_035722_000000413105_00133_49285_5460.N1	03-AUG-2011 03:57:22	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	49285	No
55	GOM_NL__2PRFIN20110803_035955_000000493105_00133_49285_5461.N1	03-AUG-2011 03:59:55	Dark	48.500	7	19Bet Ori	0.10000	14000.	97	49285	No
56	GOM_NL__2PRFIN20110803_040450_000000573105_00133_49285_5462.N1	03-AUG-2011 04:04:50	Dark	56.500	165	34Gam Eri	2.9500	3200.0	113	49285	No
57	GOM_NL__2PRFIN20110803_041413_000000483105_00134_49286_5446.N1	03-AUG-2011 04:14:13	Dark	48.000	157	The1Eri	2.9060	9300.0	96	49286	No
58	GOM_NL__2PRFIN20110803_041931_000000553105_00134_49286_5447.N1	03-AUG-2011 04:19:31	Dark	54.500	9	Alp Eri	0.45300	24000.	109	49286	No
59	GOM_NL__2PRFIN20110803_042430_000000573105_00134_49286_5448.N1	03-AUG-2011 04:24:30	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	49286	No
60	GOM_NL__2PRFIN20110803_042933_000000423105_00134_49286_5449.N1	03-AUG-2011 04:29:33	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49286	No
61	GOM_NL__2PRFIN20110803_043239_000000453105_00134_49286_5450.N1	03-AUG-2011 04:32:39	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	49286	No
62	GOM_NL__2PRFIN20110803_044003_000000513105_00134_49286_5451.N1	03-AUG-2011 04:40:03	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	49286	No
63	GOM_NL__2PRFIN20110803_044403_000000503105_00134_49286_5452.N1	03-AUG-2011 04:44:03	Bright	49.500	154	22Bet Aqr	2.8990	5700.0	99	49286	No
64	GOM_NL__2PRFIN20110803_044805_000000383105_00134_49286_5453.N1	03-AUG-2011 04:48:05	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	49286	No
65	GOM_NL__2PRFIN20110803_045623_000000443105_00134_49286_5454.N1	03-AUG-2011 04:56:23	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	49286	No
66	GOM_NL__2PRFIN20110803_045832_000000383105_00134_49286_5455.N1	03-AUG-2011 04:58:32	Bright	37.500	144	18Del Cyg	2.8600	11000.	75	49286	No
67	GOM_NL__2PRFIN20110803_050456_000000403105_00134_49286_5456.N1	03-AUG-2011 05:04:56	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	49286	No
68	GOM_NL__2PRFIN20110803_051941_000000483105_00134_49286_5457.N1	03-AUG-2011 05:19:41	Bright	48.000	160	23Gam Per	2.9300	4700.0	96	49286	No
69	GOM_NL__2PRFIN20110803_052124_000000493105_00134_49286_5458.N1	03-AUG-2011 05:21:24	Bright	48.500	35	33Alp Per	1.7950	6250.0	97	49286	No
70	GOM_NL__2PRFIN20110803_052340_000000443105_00134_49286_5459.N1	03-AUG-2011 05:23:40	Bright	44.000	6	13Alp Aur	0.080000	3400.0	88	49286	No
71	GOM_NL__2PRFIN20110803_052530_000000503105_00134_49286_5460.N1	03-AUG-2011 05:25:30	Bright	49.500	149	45Eps Per	2.8880	30000.	99	49286	No
72	GOM_NL__2PRFIN20110803_052900_000000473105_00134_49286_5461.N1	03-AUG-2011 05:29:00	Bright	46.500	28	12Bet Tau	1.6500	15200.	93	49286	No
73	GOM_NL__2PRFIN20110803_053107_000000403105_00134_49286_5462.N1	03-AUG-2011 05:31:07	Twilight	39.500	176	23Zet Tau	3.0200	22000.	79	49286	No
74	GOM_NL__2PRFIN20110803_053343_000000563105_00134_49286_5463.N1	03-AUG-2011 05:33:43	Dark	56.000	13	87Alp Tau	0.86700	3800.0	112	49286	No
75	GOM_NL__2PRFIN20110803_053542_000000443105_00134_49286_5464.N1	03-AUG-2011 05:35:42	Dark	44.000	27	24Gam Ori	1.6360	26000.	88	49286	No
76	GOM_NL__2PRFIN20110803_053737_000000433105_00134_49286_5465.N1	03-AUG-2011 05:37:37	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	49286	No
77	GOM_NL__2PRFIN20110803_054009_000000493105_00134_49286_5466.N1	03-AUG-2011 05:40:09	Dark	49.000	7	19Bet Ori	0.10000	14000.	98	49286	No
78	GOM_NL__2PRFIN20110803_054505_000000593105_00134_49286_5467.N1	03-AUG-2011 05:45:05	Dark	58.500	165	34Gam Eri	2.9500	3200.0	117	49286	No
79	GOM_NL__2PRFIN20110803_054428_000000473105_00135_49287_5455.N1	03-AUG-2011 05:54:28	Dark	47.000	157	The1Eri	2.9060	9300.0	94	49287	No
80	GOM_NL__2PRFIN20110803_055945_000000443105_00135_49287_5456.N1	03-AUG-2011 05:59:45	Dark	44.000	9	Alp Eri	0.45300	24000.	88	49287	No
81	GOM_NL__2PRFIN20110803_060445_000000563105_00135_49287_5457.N1	03-AUG-2011 06:04:45	Straylight	55.500	84	Alp Phe	2.3970	4500.0	111	49287	No
82	GOM_NL__2PRFIN20110803_060948_000000483105_00135_49287_5458.N1	03-AUG-2011 06:09:48	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	49287	No
83	GOM_NL__2PRFIN20110803_061253_000000453105_00135_49287_5459.N1	03-AUG-2011 06:12:53	Straylight	44.500	172	Gam Gru	3.0030	13100.	89	49287	No
84	GOM_NL__2PRFIN20110803_062017_000000503105_00135_49287_5460.N1	03-AUG-2011 06:20:17	Bright	50.000	142	49Del Cap	2.8500	8900.0	100	49287	No
85	GOM_NL__2PRFIN20110803_062417_000000503105_00135_49287_5461.N1	03-AUG-2011 06:24:17	Bright	50.000	154	22Bet Aqr	2.8990	5700.0	100	49287	No
86	GOM_NL__2PRFIN20110803_062819_000000373105_00135_49287_5462.N1	03-AUG-2011 06:28:19	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	49287	No
87	GOM_NL__2PRFIN20110803_063637_000000413105_00135_49287_5463.N1	03-AUG-2011 06:36:37	Bright	40.500	92	53Eps Cyg	2.5000	4500.0	81	49287	No
88	GOM_NL__2PRFIN20110803_063846_000000373105_00135_49287_5464.N1	03-AUG-2011 06:38:46	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	49287	No
89	GOM_NL__2PRFIN20110803_064510_000000403105_00135_49287_5465.N1	03-AUG-2011 06:45:10	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49287	No
90	GOM_NL__2PRFIN20110803_065954_000000613105_00135_49287_5466.N1	03-AUG-2011 06:59:54	Bright	61.000	160	23Gam Per	2.9300	4700.0	122	49287	No
91	GOM_NL__2PRFIN20110803_070137_000000513105_00135_49287_5467.N1	03-AUG-2011 07:01:37	Bright	50.500	35	33Alp Per	1.7950	6250.0	101	49287	No
92	GOM_NL__2PRFIN20110803_070354_000000433105_00135_49287_5468.N1	03-AUG-2011 07:03:54	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	49287	No
93	GOM_NL__2PRFIN20110803_070544_000000503105_00135_49287_5469.N1	03-AUG-2011 07:05:44	Bright	50.000	149	45Eps Per	2.8880	30000.	100	49287	No
94	GOM_NL__2PRFIN20110803_070914_000000453105_00135_49287_5470.N1	03-AUG-2011 07:09:14	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	49287	No
95	GOM_NL__2PRFIN20110803_071121_000000403105_00135_49287_5471.N1	03-AUG-2011 07:11:21	Twilight	40.000	176	23Zet Tau	3.0200	22000.	80	49287	No
96	GOM_NL__2PRFIN20110803_071358_000000583105_00135_49287_5472.N1	03-AUG-2011 07:13:58	Dark	58.000	13	87Alp Tau	0.86700	3800.0	116	49287	No
97	GOM_NL__2PRFIN20110803_071557_000000423105_00135_49287_5473.N1	03-AUG-2011 07:15:57	Dark	42.000	27	24Gam Ori	1.6360	26000.	84	49287	No
98	GOM_NL__2PRFIN20110803_071751_000000443105_00135_49287_5474.N1	03-AUG-2011 07:17:51	Dark	43.500	30	46Eps Ori	1.6940	30000.	87	49287	No
99	GOM_NL__2PRFIN20110803_072024_000000503105_00135_49287_5475.N1	03-AUG-2011 07:20:24	Dark	49.500	7	19Bet Ori	0.10000	14000.	99	49287	No
100	GOM_NL__2PRFIN20110803_072520_000000593105_00135_49287_5476.N1	03-AUG-2011 07:25:20	Dark	58.500	165	34Gam Eri	2.9500	3200.0	117	49287	No
101	GOM_NL__2PRFIN20110803_073443_000000483105_00136_49288_5464.N1	03-AUG-2011 07:34:43	Dark	48.000	157	The1Eri	2.9060	9300.0	96	49288	No

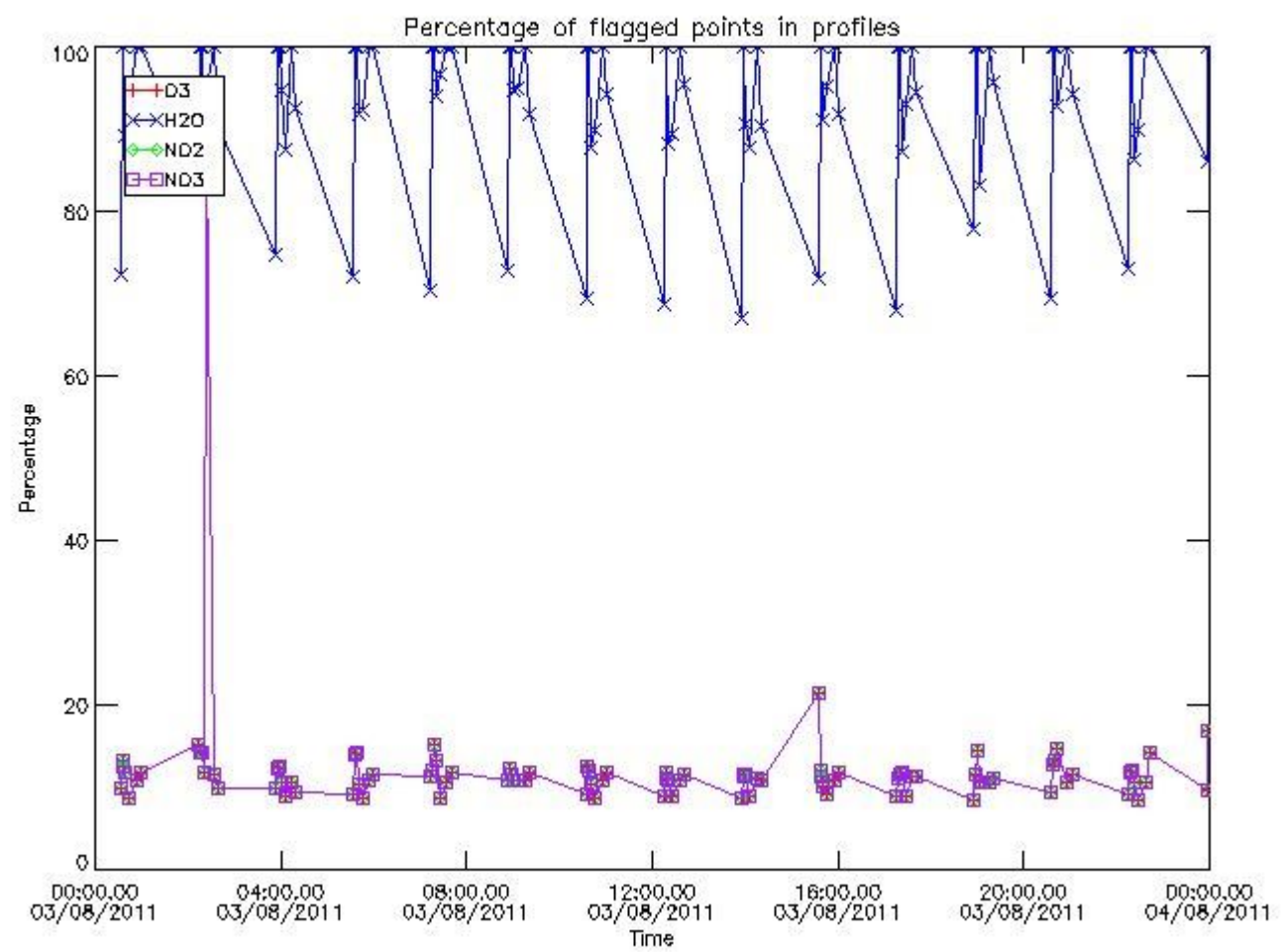
161	GOM_NL__2PRFIN20110803_121203_000000423105_00138_49290_5592.N1	03-AUG-2011 12:12:03	Twilight	42.000	176	23Zet Tau	3.0200	22000.	84	49290	No
162	GOM_NL__2PRFIN20110803_121441_000000573105_00138_49290_5593.N1	03-AUG-2011 12:14:41	Dark	56.500	13	87Alp Tau	0.86700	3800.0	113	49290	No
163	GOM_NL__2PRFIN20110803_121639_000000463105_00138_49290_5594.N1	03-AUG-2011 12:16:39	Dark	45.500	27	24Gam Ori	1.6360	26000.	91	49290	No
164	GOM_NL__2PRFIN20110803_121834_000000443105_00138_49290_5595.N1	03-AUG-2011 12:18:34	Dark	43.500	30	46Eps Ori	1.6940	30000.	87	49290	No
165	GOM_NL__2PRFIN20110803_122107_000000483105_00138_49290_5596.N1	03-AUG-2011 12:21:07	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	49290	No
166	GOM_NL__2PRFIN20110803_122605_000000583105_00138_49290_5597.N1	03-AUG-2011 12:26:05	Dark	57.500	165	34Gam Eri	2.9500	3200.0	115	49290	No
167	GOM_NL__2PRFIN20110803_123528_000000473105_00139_49291_5618.N1	03-AUG-2011 12:35:28	Dark	47.000	157	The1Eri	2.9060	9300.0	94	49291	No
168	GOM_NL__2PRFIN20110803_124044_000000453105_00139_49291_5619.N1	03-AUG-2011 12:40:44	Dark	44.500	9	Alp Eri	0.45300	24000.	89	49291	No
169	GOM_NL__2PRFIN20110803_124545_000000573105_00139_49291_5620.N1	03-AUG-2011 12:45:45	Straylight	57.000	84	Alp Phe	2.3970	4500.0	114	49291	No
170	GOM_NL__2PRFIN20110803_125045_000000433105_00139_49291_5621.N1	03-AUG-2011 12:50:45	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	49291	No
171	GOM_NL__2PRFIN20110803_125351_000000453105_00139_49291_5622.N1	03-AUG-2011 12:53:51	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	49291	No
172	GOM_NL__2PRFIN20110803_130113_000000503105_00139_49291_5623.N1	03-AUG-2011 13:01:13	Bright	50.000	142	49Del Cap	2.8500	8900.0	100	49291	No
173	GOM_NL__2PRFIN20110803_130512_000000513105_00139_49291_5624.N1	03-AUG-2011 13:05:12	Bright	51.000	154	22Bet Aqr	2.8990	5700.0	102	49291	No
174	GOM_NL__2PRFIN20110803_130915_000000363105_00139_49291_5625.N1	03-AUG-2011 13:09:15	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	49291	No
175	GOM_NL__2PRFIN20110803_131731_000000443105_00139_49291_5626.N1	03-AUG-2011 13:17:31	Bright	43.500	92	53Eps Cyg	2.5000	4500.0	87	49291	No
176	GOM_NL__2PRFIN20110803_131941_000000363105_00139_49291_5627.N1	03-AUG-2011 13:19:41	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	49291	No
177	GOM_NL__2PRFIN20110803_132604_000000393105_00139_49291_5628.N1	03-AUG-2011 13:26:04	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	49291	No
178	GOM_NL__2PRFIN20110803_134049_000000493105_00139_49291_5629.N1	03-AUG-2011 13:40:49	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	49291	No
179	GOM_NL__2PRFIN20110803_134232_000000503105_00139_49291_5630.N1	03-AUG-2011 13:42:32	Bright	49.500	35	33Alp Per	1.7950	6250.0	99	49291	No
180	GOM_NL__2PRFIN20110803_134450_000000433105_00139_49291_5631.N1	03-AUG-2011 13:44:50	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	49291	No
181	GOM_NL__2PRFIN20110803_134640_000000463105_00139_49291_5632.N1	03-AUG-2011 13:46:40	Bright	46.000	149	45Eps Per	2.8880	30000.	92	49291	No
182	GOM_NL__2PRFIN20110803_135011_000000483105_00139_49291_5633.N1	03-AUG-2011 13:50:11	Bright	48.000	28	12Bet Tau	1.6500	15200.	96	49291	No
183	GOM_NL__2PRFIN20110803_135218_000000433105_00139_49291_5634.N1	03-AUG-2011 13:52:18	Twilight	43.000	176	23Zet Tau	3.0200	22000.	86	49291	No
184	GOM_NL__2PRFIN20110803_135455_000000583105_00139_49291_5635.N1	03-AUG-2011 13:54:55	Dark	58.000	13	87Alp Tau	0.86700	3800.0	116	49291	No
185	GOM_NL__2PRFIN20110803_135654_000000453105_00139_49291_5636.N1	03-AUG-2011 13:56:54	Dark	44.500	27	24Gam Ori	1.6360	26000.	89	49291	No
186	GOM_NL__2PRFIN20110803_135849_000000453105_00139_49291_5637.N1	03-AUG-2011 13:58:49	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	49291	No
187	GOM_NL__2PRFIN20110803_140122_000000483105_00139_49291_5638.N1	03-AUG-2011 14:01:22	Dark	48.000	7	19Bet Ori	0.10000	14000.	96	49291	No
188	GOM_NL__2PRFIN20110803_140620_000000583105_00139_49291_5639.N1	03-AUG-2011 14:06:20	Dark	57.500	165	34Gam Eri	2.9500	3200.0	115	49291	No
189	GOM_NL__2PRFIN20110803_141543_000000463105_00140_49292_5836.N1	03-AUG-2011 14:15:43	Dark	45.500	157	The1Eri	2.9060	9300.0	91	49292	No
190	GOM_NL__2PRFIN20110803_142059_000000473105_00140_49292_5837.N1	03-AUG-2011 14:20:59	Dark	47.000	9	Alp Eri	0.45300	24000.	94	49292	No
191	GOM_NL__2PRFIN20110803_142600_000000543105_00140_49292_5838.N1	03-AUG-2011 14:26:00	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49292	No
192	GOM_NL__2PRFIN20110803_143100_000000433105_00140_49292_5839.N1	03-AUG-2011 14:31:00	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	49292	No
193	GOM_NL__2PRFIN20110803_143405_000000443105_00140_49292_5840.N1	03-AUG-2011 14:34:05	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	49292	No
194	GOM_NL__2PRFIN20110803_144127_000000503105_00140_49292_5841.N1	03-AUG-2011 14:41:27	Bright	49.500	142	49Del Cap	2.8500	8900.0	99	49292	No
195	GOM_NL__2PRFIN20110803_144526_000000503105_00140_49292_5842.N1	03-AUG-2011 14:45:26	Bright	50.000	154	22Bet Aqr	2.8990	5700.0	100	49292	No
196	GOM_NL__2PRFIN20110803_144929_000000393105_00140_49292_5843.N1	03-AUG-2011 14:49:29	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	49292	No
197	GOM_NL__2PRFIN20110803_145745_000000433105_00140_49292_5844.N1	03-AUG-2011 14:57:45	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	49292	No
198	GOM_NL__2PRFIN20110803_145955_000000363105_00140_49292_5845.N1	03-AUG-2011 14:59:55	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	49292	No
199	GOM_NL__2PRFIN20110803_150618_000000403105_00140_49292_5846.N1	03-AUG-2011 15:06:18	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49292	No
200	GOM_NL__2PRFIN20110803_152102_000000613105_00140_49292_5847.N1	03-AUG-2011 15:21:02	Bright	60.500	160	23Gam Per	2.9300	4700.0	121	49292	No
201	GOM_NL__2PRFIN20110803_152246_000000523105_00140_49292_5848.N1	03-AUG-2011 15:22:46	Bright	52.000	35	33Alp Per	1.7950	6250.0	104	49292	No
202	GOM_NL__2PRFIN20110803_152504_000000423105_00140_49292_5849.N1	03-AUG-2011 15:25:04	Bright	42.000	6	13Alp Aur	0.080000	3400.0	84	49292	No
203	GOM_NL__2PRFIN20110803_152654_000000473105_00140_49292_5850.N1	03-AUG-2011 15:26:54	Bright	47.000	149	45Eps Per	2.8880	30000.	94	49292	No
204	GOM_NL__2PRFIN20110803_153025_000000573105_00140_49292_5851.N1	03-AUG-2011 15:30:25	Bright	57.000	28	12Bet Tau	1.6500	15200.	114	49292	No
205	GOM_NL__2PRFIN20110803_153232_000000423105_00140_49292_5852.N1	03-AUG-2011 15:32:32	Twilight	42.000	176	23Zet Tau	3.0200	22000.	84	49292	No
206	GOM_NL__2PRFIN20110803_153510_000000683105_00140_49292_5853.N1	03-AUG-2011 15:35:10	Dark	68.000	13	87Alp Tau	0.86700	3800.0	136	49292	No
207	GOM_NL__2PRFIN20110803_153708_000000453105_00140_49292_5854.N1	03-AUG-2011 15:37:08	Dark	45.000	27	24Gam Ori	1.6360	26000.	90	49292	No
208	GOM_NL__2PRFIN20110803_153903_000000423105_00140_49292_5855.N1	03-AUG-2011 15:39:03	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	49292	No
209	GOM_NL__2PRFIN20110803_154136_000000513105_00140_49292_5856.N1	03-AUG-2011 15:41:36	Dark	50.500	7	19Bet Ori	0.10000	14000.	101	49292	No
210	GOM_NL__2PRFIN20110803_154635_000000623105_00140_49292_5857.N1	03-AUG-2011 15:46:35	Dark	61.500	165	34Gam Eri	2.9500	3200.0	123	49292	No
211	GOM_NL__2PRFIN20110803_155558_000000483105_00141_49293_5812.N1	03-AUG-2011 15:55:58	Dark	47.500	157	The1Eri	2.9060	9300.0	95	49293	No
212	GOM_NL__2PRFIN20110803_160113_000000443105_00141_49293_5813.N1	03-AUG-2011 16:01:13	Dark	43.500	9	Alp Eri	0.45300	24000.	87	49293	No
213	GOM_NL__2PRFIN20110803_160615_000000543105_00141_49293_5814.N1	03-AUG-2011 16:06:15	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49293	No
214	GOM_NL__2PRFIN20110803_161114_000000423105_00141_49293_5815.N1	03-AUG-2011 16:11:14	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	49293	No
215	GOM_NL__2PRFIN20110803_161420_000000443105_00141_49293_5816.N1	03-AUG-2011 16:14:20	Straylight	43.500	172	Gam Gru	3.0030	13100.	87	49293	No
216	GOM_NL__2PRFIN20110803_162141_000000513105_00141_49293_5817.N1	03-AUG-2011 16:21:41	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	49293	No
217	GOM_NL__2PRFIN20110803_162540_000000503105_00141_49293_5818.N1	03-AUG-2011 16:25:40	Bright	50.000	154	22Bet Aqr	2.8990	5700.0	100	49293	No
218	GOM_NL__2PRFIN20110803_162943_000000393105_00141_49293_5819.N1	03-AUG-2011 16:29:43	Bright	39.000	11	53Alp Aql	0.76500	8000.0	78	49293	No
219	GOM_NL__2PRFIN20110803_163758_000000433105_00141_49293_5820.N1	03-AUG-2011 16:37:58	Bright	43.000	92	53Eps Cyg	2.5000	4500.0	86	49293	No

279	GOM_NL__2PRFIN20110803_211503_000000453105_00144_49296_5880.N1	03-AUG-2011 21:15:03	Straylight	45.000	172	Gam Gru	3.0030	13100.	90	49296	No
280	GOM_NL__2PRFIN20110803_212224_000000503105_00144_49296_5881.N1	03-AUG-2011 21:22:24	Bright	50.000	142	49Del Cap	2.8500	8900.0	100	49296	No
281	GOM_NL__2PRFIN20110803_212621_000000503105_00144_49296_5882.N1	03-AUG-2011 21:26:21	Bright	50.000	154	22Bet Aqr	2.8990	5700.0	100	49296	No
282	GOM_NL__2PRFIN20110803_213025_000000373105_00144_49296_5883.N1	03-AUG-2011 21:30:25	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	49296	No
283	GOM_NL__2PRFIN20110803_213839_000000493105_00144_49296_5884.N1	03-AUG-2011 21:38:39	Bright	48.500	92	53Eps Cyg	2.5000	4500.0	97	49296	No
284	GOM_NL__2PRFIN20110803_214050_000000373105_00144_49296_5885.N1	03-AUG-2011 21:40:50	Bright	37.000	144	18Del Cyg	2.8600	11000.	74	49296	No
285	GOM_NL__2PRFIN20110803_214712_000000403105_00144_49296_5886.N1	03-AUG-2011 21:47:12	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49296	No
286	GOM_NL__2PRFIN20110803_220156_000000493105_00144_49296_5887.N1	03-AUG-2011 22:01:56	Bright	48.500	160	23Gam Per	2.9300	4700.0	97	49296	No
287	GOM_NL__2PRFIN20110803_220340_000000523105_00144_49296_5888.N1	03-AUG-2011 22:03:40	Bright	51.500	35	33Alp Per	1.7950	6250.0	103	49296	No
288	GOM_NL__2PRFIN20110803_220600_000000433105_00144_49296_5889.N1	03-AUG-2011 22:06:00	Bright	42.500	6	13Alp Aur	0.080000	3400.0	85	49296	No
289	GOM_NL__2PRFIN20110803_220749_000000473105_00144_49296_5890.N1	03-AUG-2011 22:07:49	Bright	47.000	149	45Eps Per	2.8880	30000.	94	49296	No
290	GOM_NL__2PRFIN20110803_221121_000000453105_00144_49296_5891.N1	03-AUG-2011 22:11:21	Bright	45.000	28	12Bet Tau	1.6500	15200.	90	49296	No
291	GOM_NL__2PRFIN20110803_221329_000000433105_00144_49296_5892.N1	03-AUG-2011 22:13:29	Tw_i_and_stray	42.500	176	23Zet Tau	3.0200	22000.	85	49296	No
292	GOM_NL__2PRFIN20110803_221608_000000563105_00144_49296_5893.N1	03-AUG-2011 22:16:08	Dark	56.000	13	87Alp Tau	0.86700	3800.0	112	49296	No
293	GOM_NL__2PRFIN20110803_221806_000000433105_00144_49296_5894.N1	03-AUG-2011 22:18:06	Dark	43.000	27	24Gam Ori	1.6360	26000.	86	49296	No
294	GOM_NL__2PRFIN20110803_222000_000000423105_00144_49296_5895.N1	03-AUG-2011 22:20:00	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	49296	No
295	GOM_NL__2PRFIN20110803_222234_000000483105_00144_49296_5896.N1	03-AUG-2011 22:22:34	Dark	47.500	7	19Bet Ori	0.10000	14000.	95	49296	No
296	GOM_NL__2PRFIN20110803_222735_000000603105_00144_49296_5897.N1	03-AUG-2011 22:27:35	Dark	60.000	165	34Gam Eri	2.9500	3200.0	120	49296	No
297	GOM_NL__2PRFIN20110803_223658_000000483105_00145_49297_5887.N1	03-AUG-2011 22:36:58	Dark	48.000	157	The1Eri	2.9060	9300.0	96	49297	No
298	GOM_NL__2PRFIN20110803_224212_000000473105_00145_49297_5888.N1	03-AUG-2011 22:42:12	Dark	46.500	9	Alp Eri	0.45300	24000.	93	49297	No
299	GOM_NL__2PRFIN20110803_224715_000000543105_00145_49297_5889.N1	03-AUG-2011 22:47:15	Straylight	53.500	84	Alp Phe	2.3970	4500.0	107	49297	No
300	GOM_NL__2PRFIN20110803_225212_000000463105_00145_49297_5890.N1	03-AUG-2011 22:52:12	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	49297	No
301	GOM_NL__2PRFIN20110803_225517_000000443105_00145_49297_5891.N1	03-AUG-2011 22:55:17	Straylight	44.000	172	Gam Gru	3.0030	13100.	88	49297	No
302	GOM_NL__2PRFIN20110803_230238_000000513105_00145_49297_5892.N1	03-AUG-2011 23:02:38	Bright	50.500	142	49Del Cap	2.8500	8900.0	101	49297	No
303	GOM_NL__2PRFIN20110803_230635_000000503105_00145_49297_5893.N1	03-AUG-2011 23:06:35	Bright	49.500	154	22Bet Aqr	2.8990	5700.0	99	49297	No
304	GOM_NL__2PRFIN20110803_231039_000000373105_00145_49297_5894.N1	03-AUG-2011 23:10:39	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	49297	No
305	GOM_NL__2PRFIN20110803_231852_000000433105_00145_49297_5895.N1	03-AUG-2011 23:18:52	Bright	42.500	92	53Eps Cyg	2.5000	4500.0	85	49297	No
306	GOM_NL__2PRFIN20110803_232104_000000543105_00145_49297_5896.N1	03-AUG-2011 23:21:04	Bright	54.000	144	18Del Cyg	2.8600	11000.	108	49297	No
307	GOM_NL__2PRFIN20110803_232726_000000403105_00145_49297_5897.N1	03-AUG-2011 23:27:26	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	49297	No
308	GOM_NL__2PRFIN20110803_234210_000000493105_00145_49297_5898.N1	03-AUG-2011 23:42:10	Bright	49.000	160	23Gam Per	2.9300	4700.0	98	49297	No
309	GOM_NL__2PRFIN20110803_234354_000000573105_00145_49297_5899.N1	03-AUG-2011 23:43:54	Bright	57.000	35	33Alp Per	1.7950	6250.0	114	49297	No
310	GOM_NL__2PRFIN20110803_234614_000000373105_00145_49297_5900.N1	03-AUG-2011 23:46:14	Bright	37.000	6	13Alp Aur	0.080000	3400.0	74	49297	No
311	GOM_NL__2PRFIN20110803_234803_000000473105_00145_49297_5901.N1	03-AUG-2011 23:48:03	Bright	46.500	149	45Eps Per	2.8880	30000.	93	49297	No
312	GOM_NL__2PRFIN20110803_235135_000000463105_00145_49297_5902.N1	03-AUG-2011 23:51:35	Bright	45.500	28	12Bet Tau	1.6500	15200.	91	49297	No
313	GOM_NL__2PRFIN20110803_235343_000000413105_00145_49297_5903.N1	03-AUG-2011 23:53:43	Tw_i_and_stray	40.500	176	23Zet Tau	3.0200	22000.	81	49297	No
314	GOM_NL__2PRFIN20110803_235622_000000583105_00145_49297_5904.N1	03-AUG-2011 23:56:22	Dark	57.500	13	87Alp Tau	0.86700	3800.0	115	49297	No
315	GOM_NL__2PRFIN20110803_235820_000000463105_00145_49297_5905.N1	03-AUG-2011 23:58:20	Dark	45.500	27	24Gam Ori	1.6360	26000.	91	49297	No

3. Quality information per product

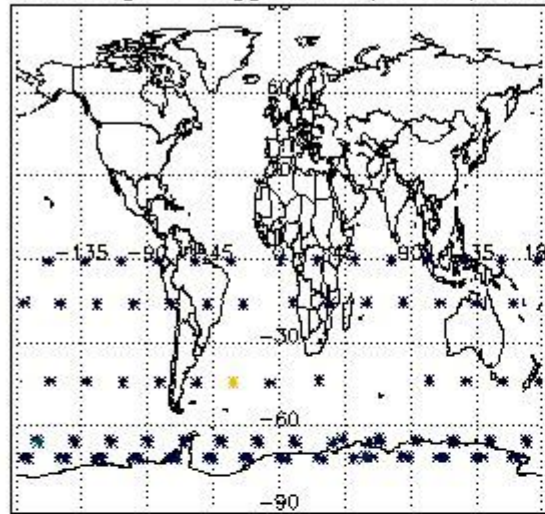
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

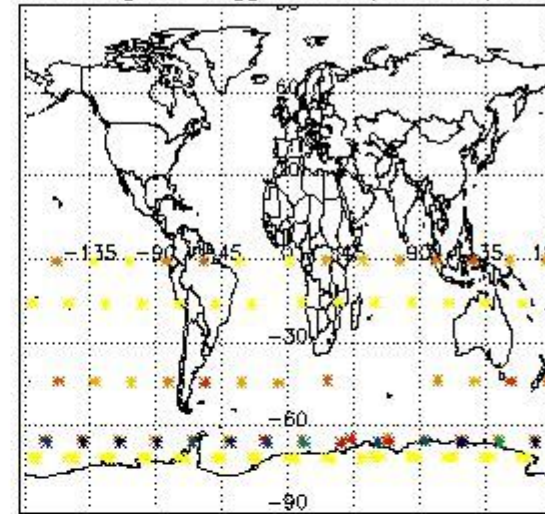


3.2 Plot quality information per product (world map)

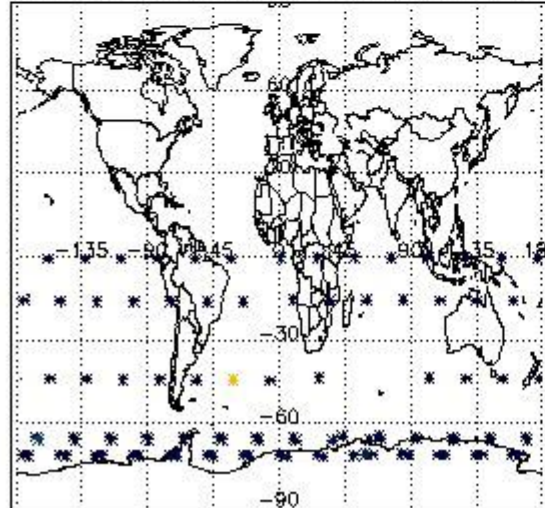
Percentage of flagged data per O3 profile



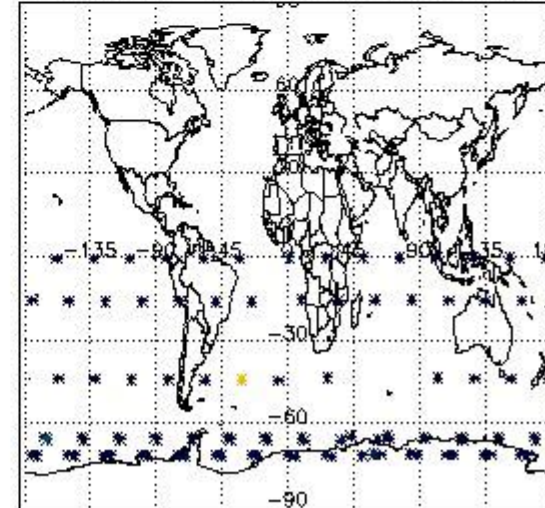
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

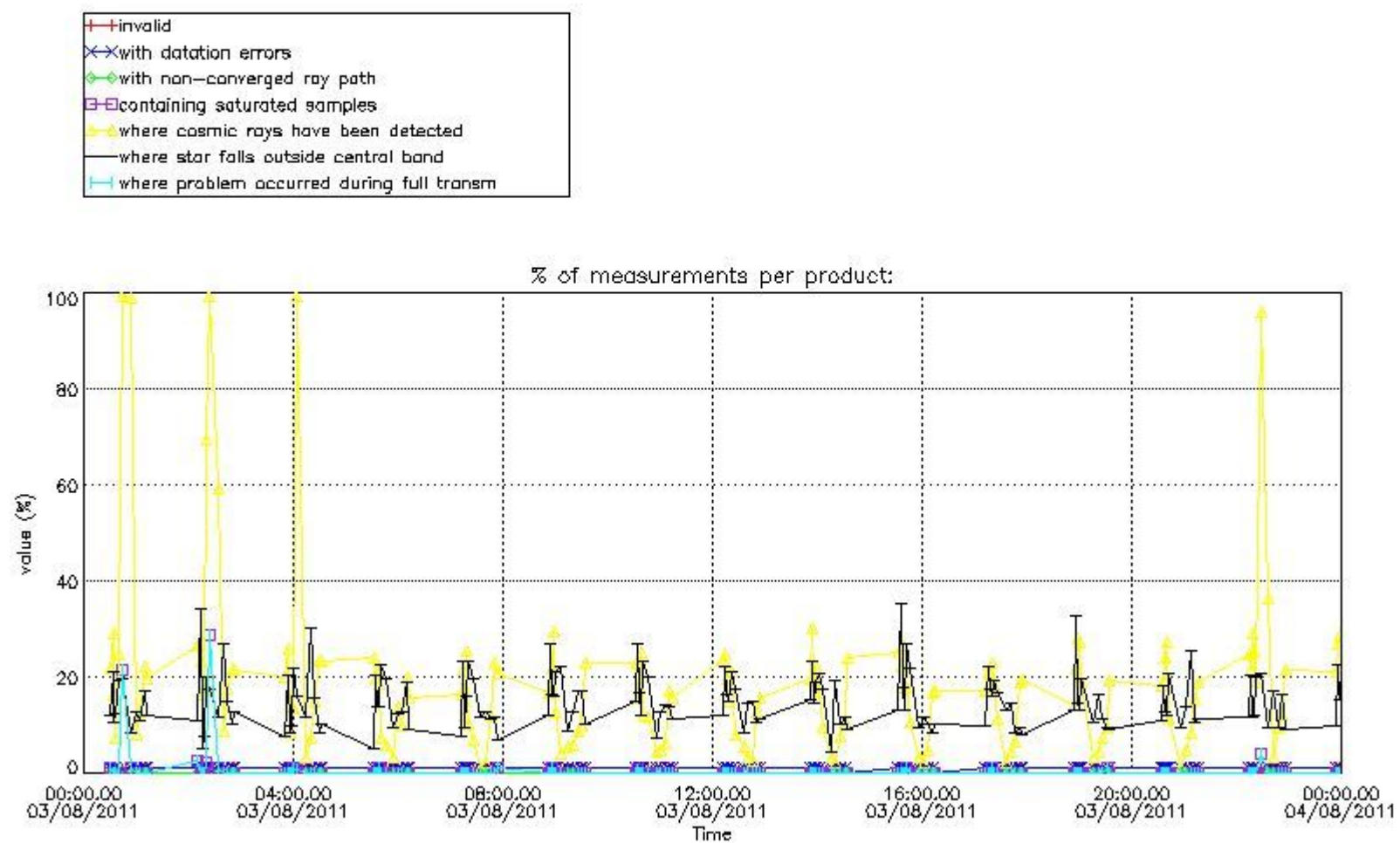


4. Level 1 quality information per product

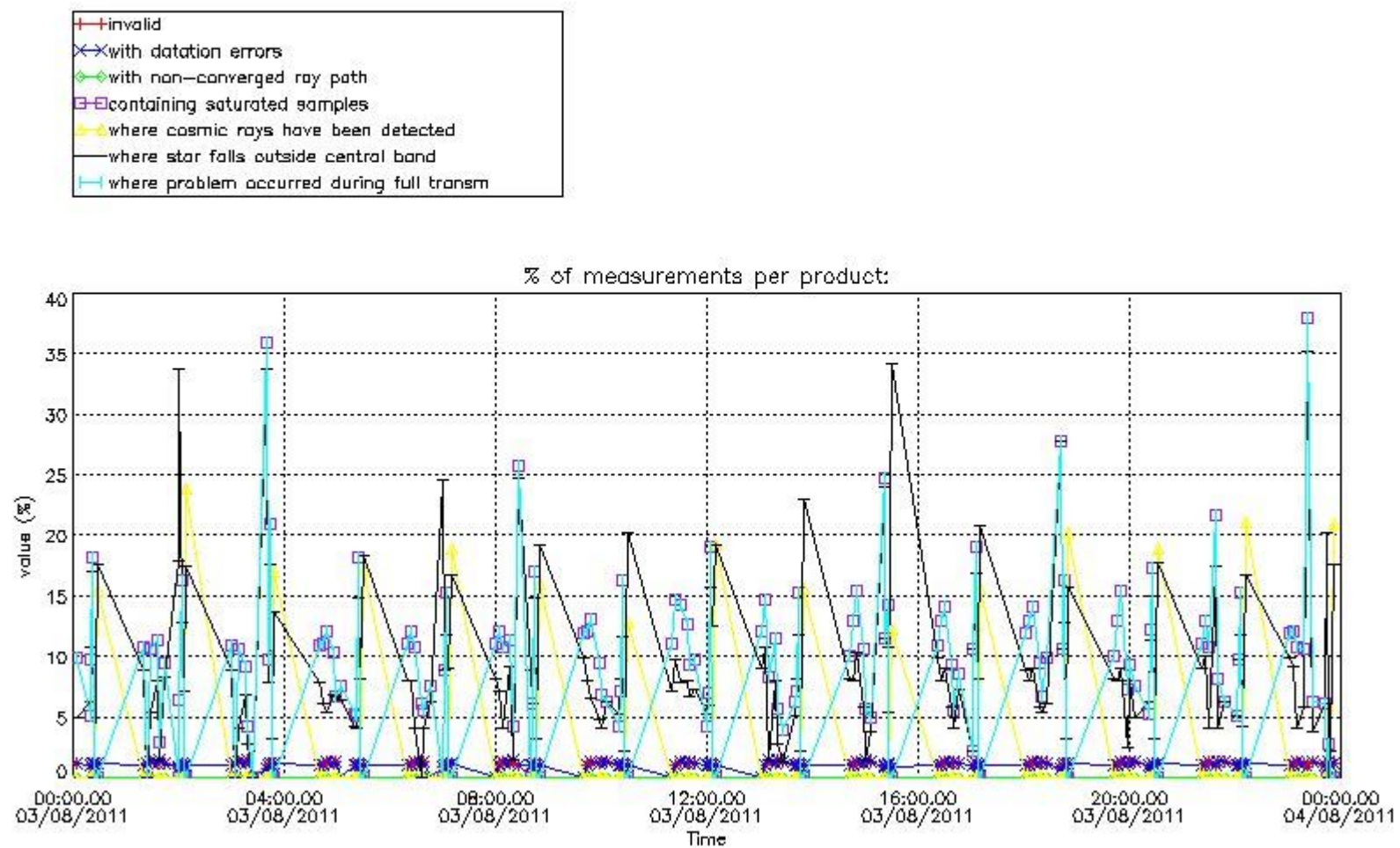
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



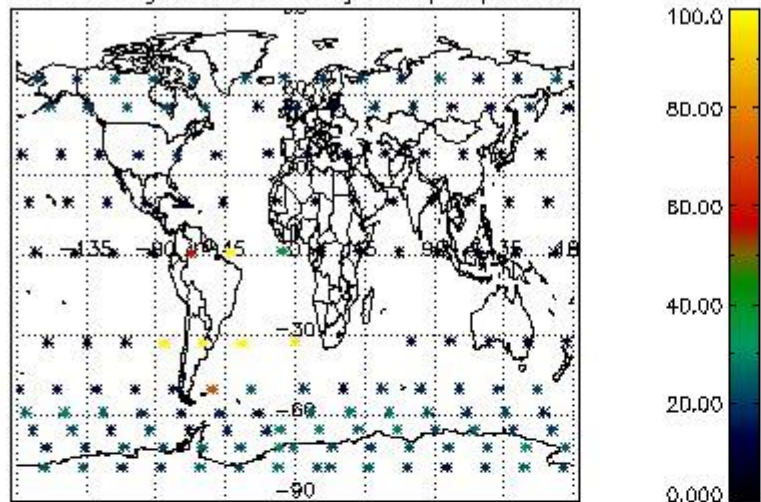
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



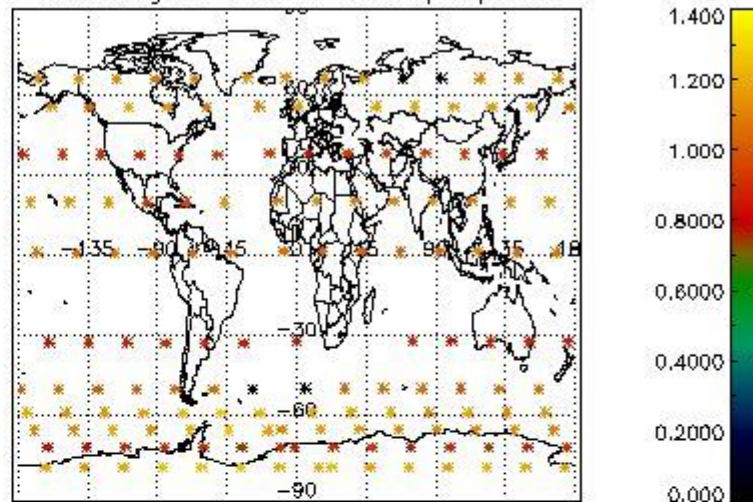
4.2 Plot quality information per product coming from level 1b processing (world map)

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

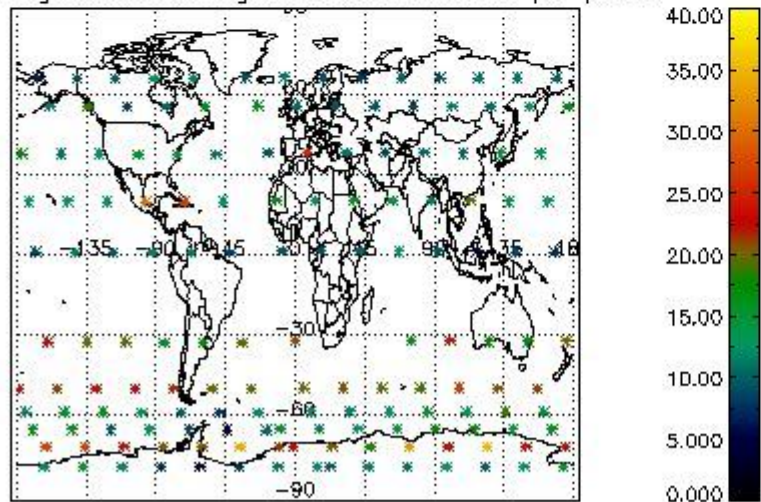
Percentage of cosmic ray hits per profile



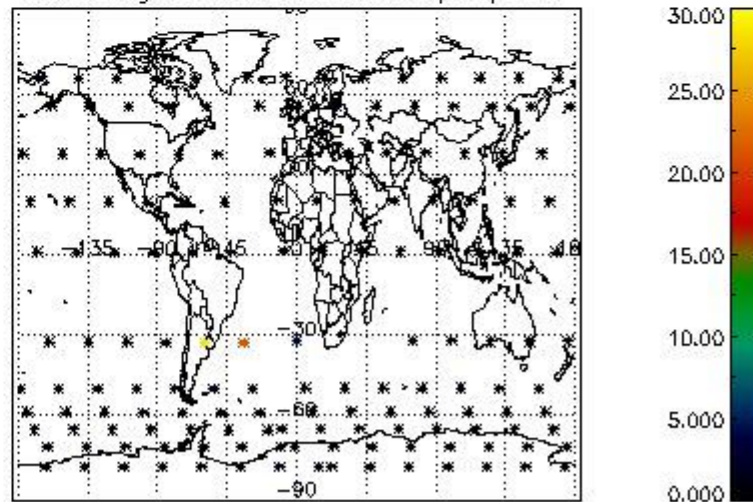
Percentage of datation errors per profile



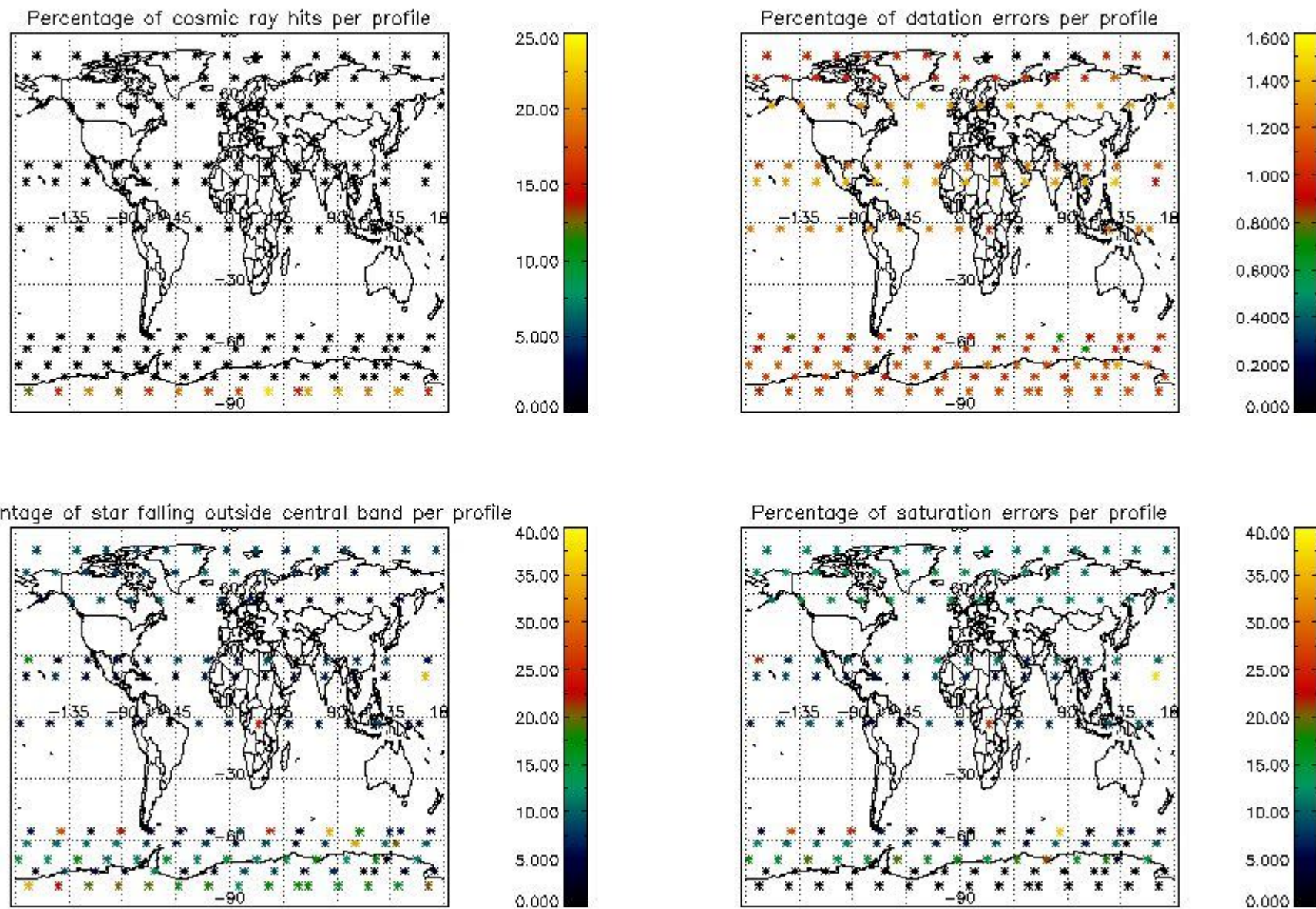
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

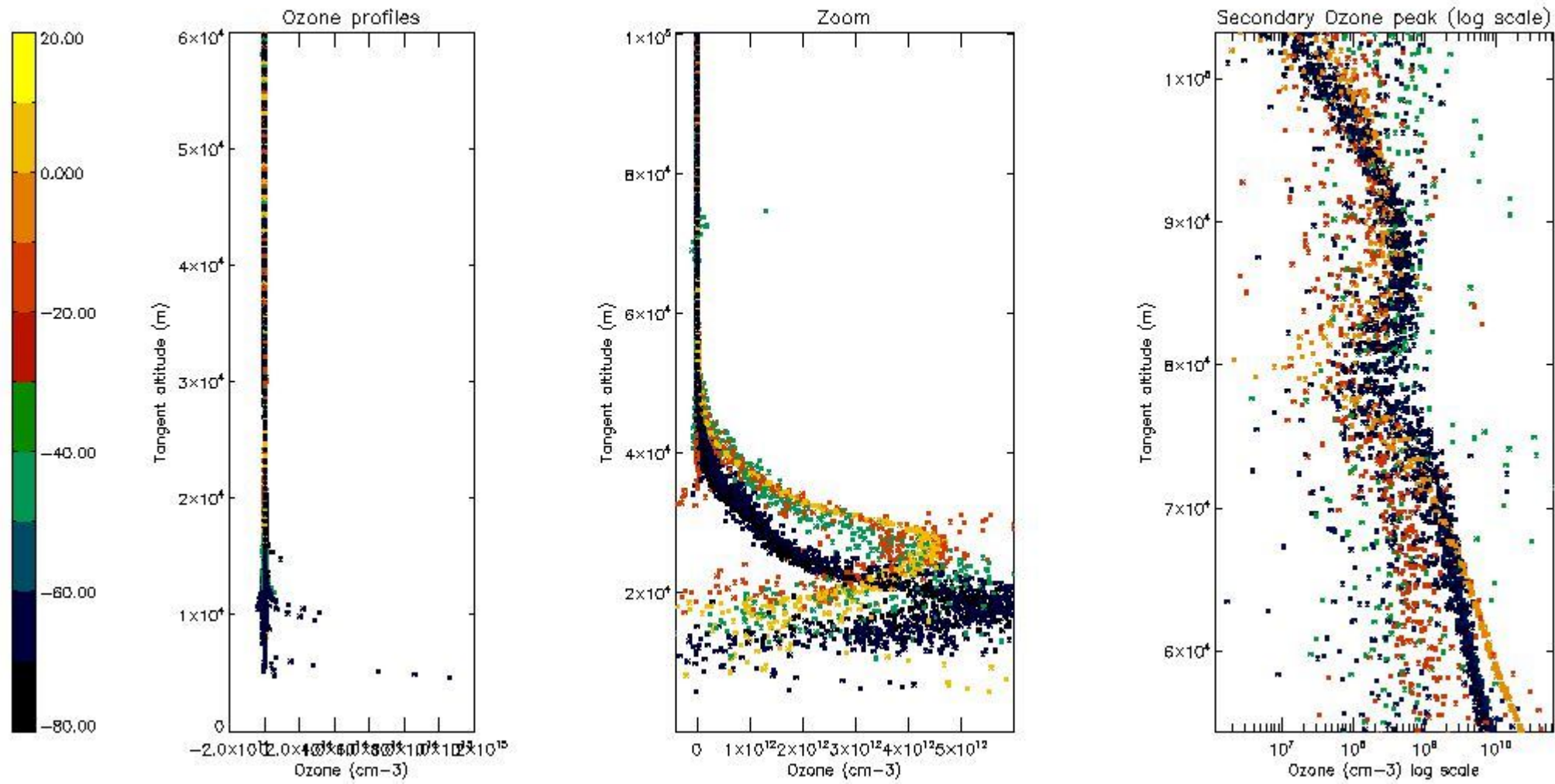
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

STD < 10	13
STD < 5	10

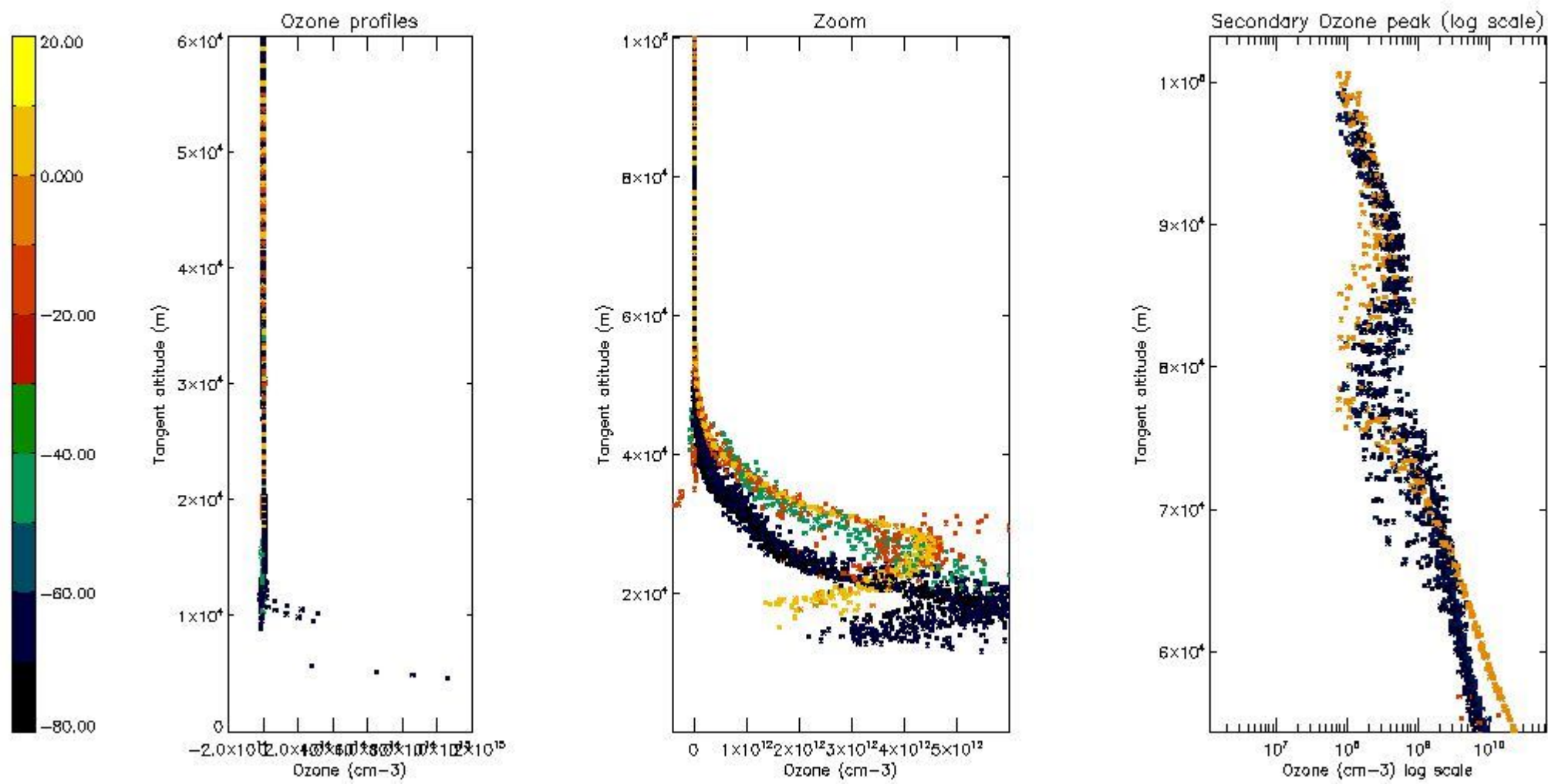
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



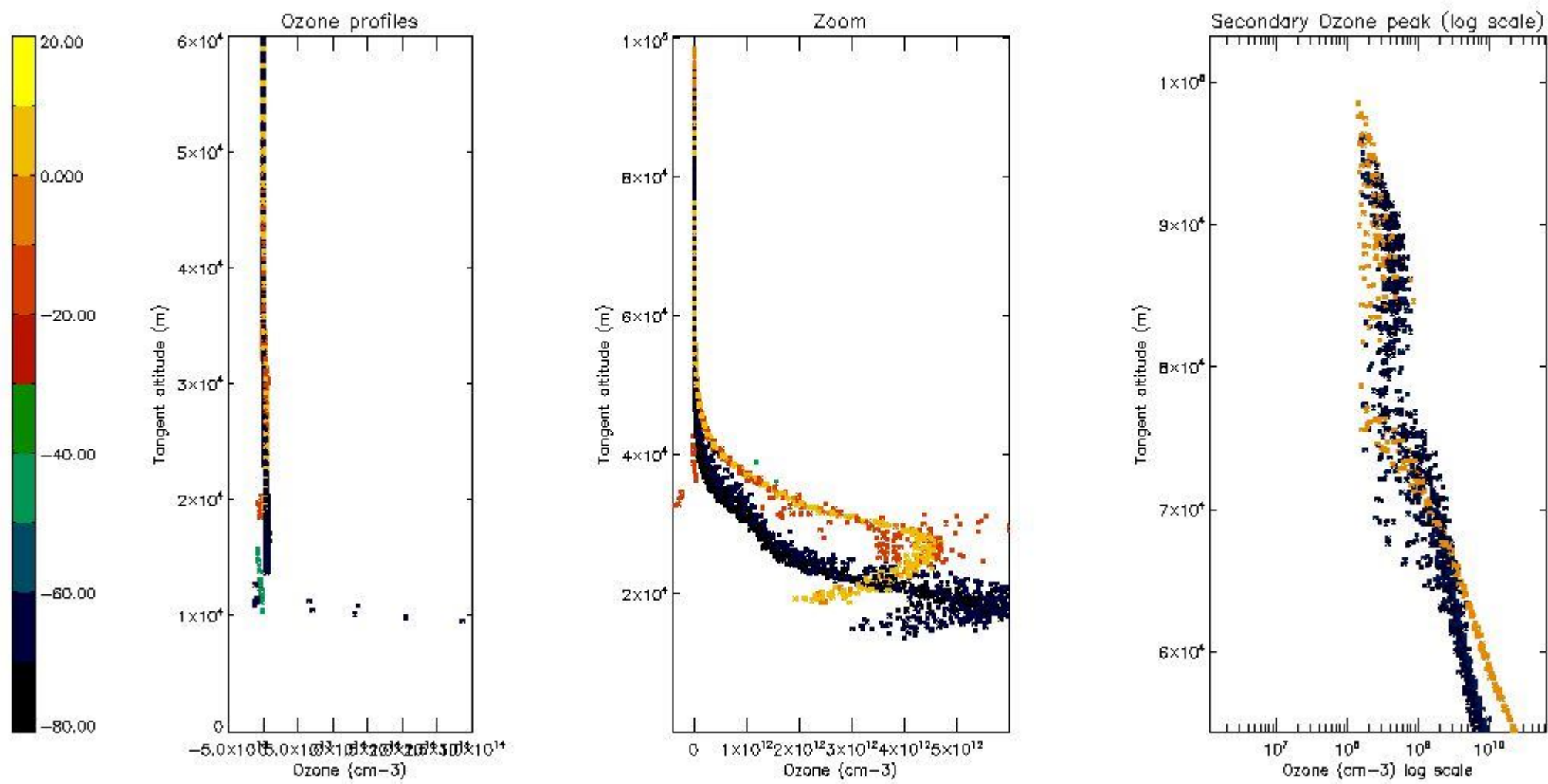
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



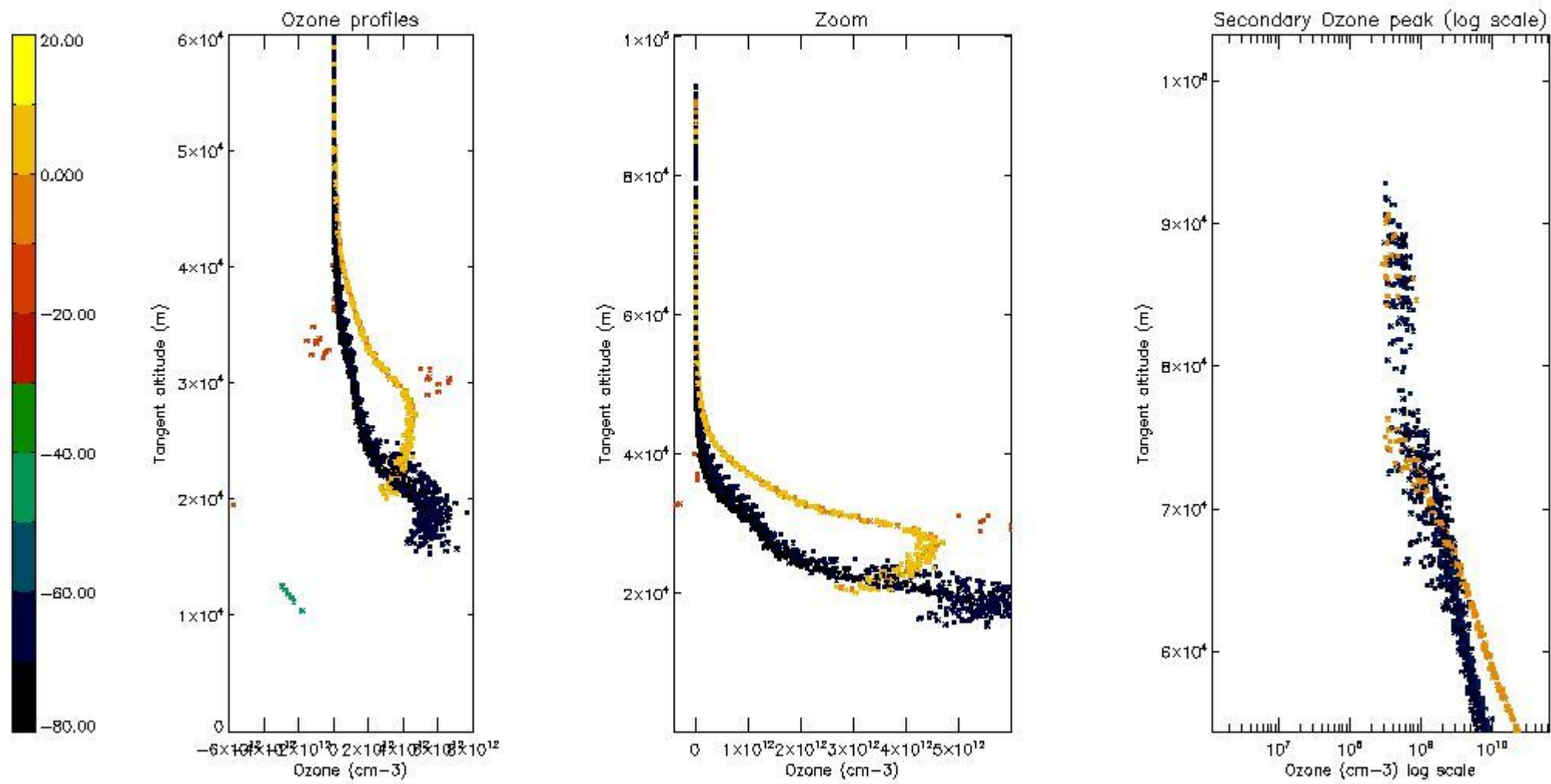
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



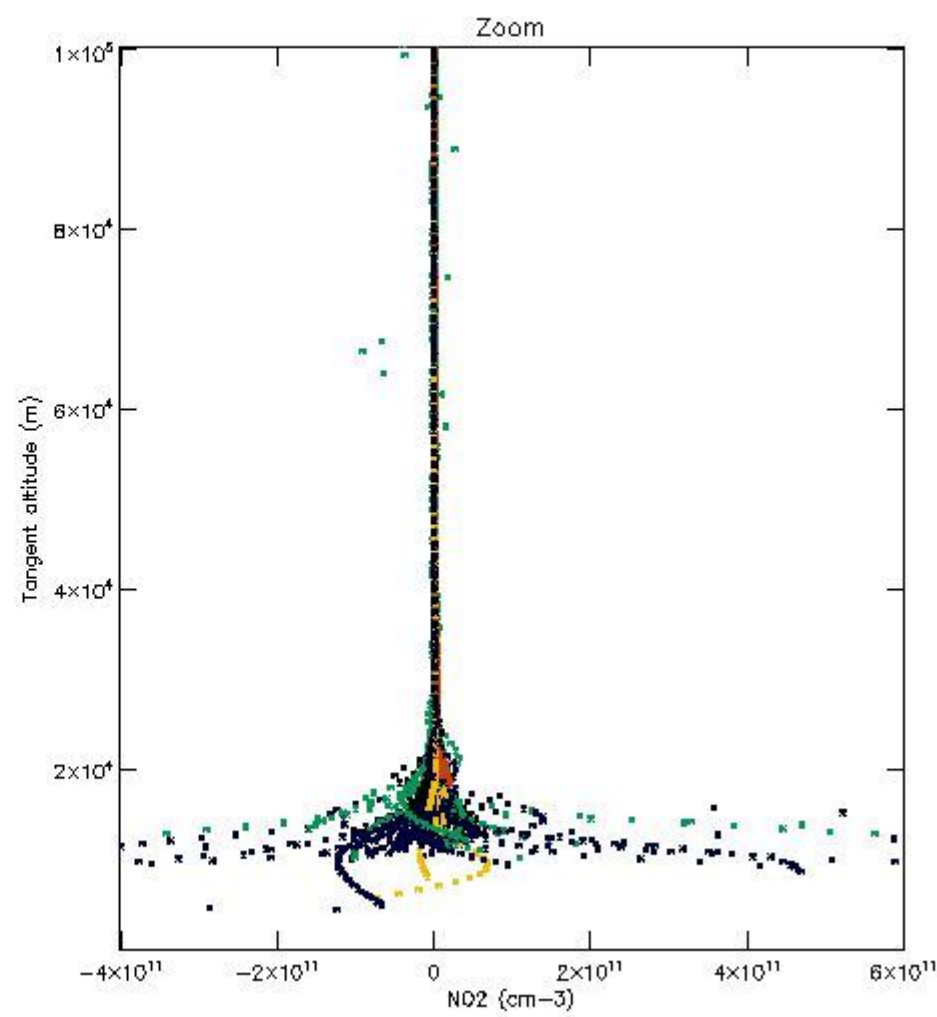
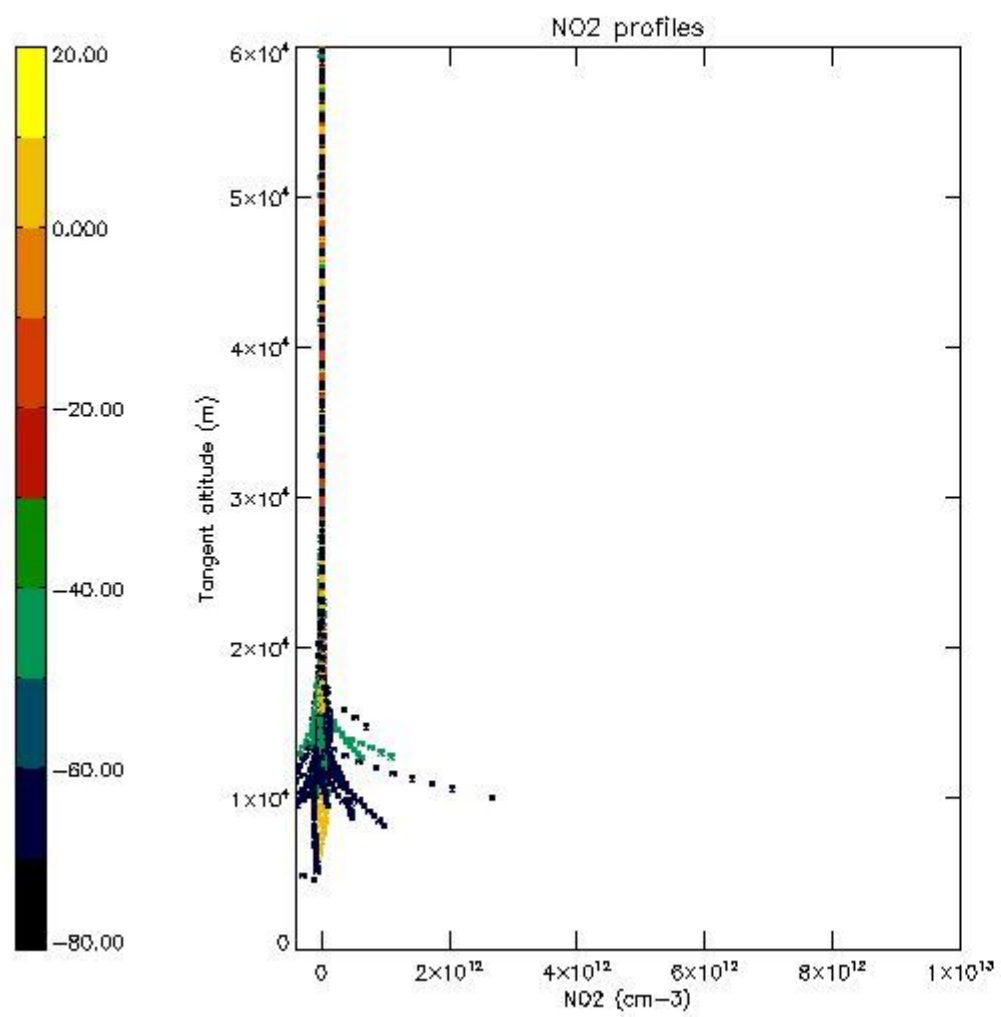
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



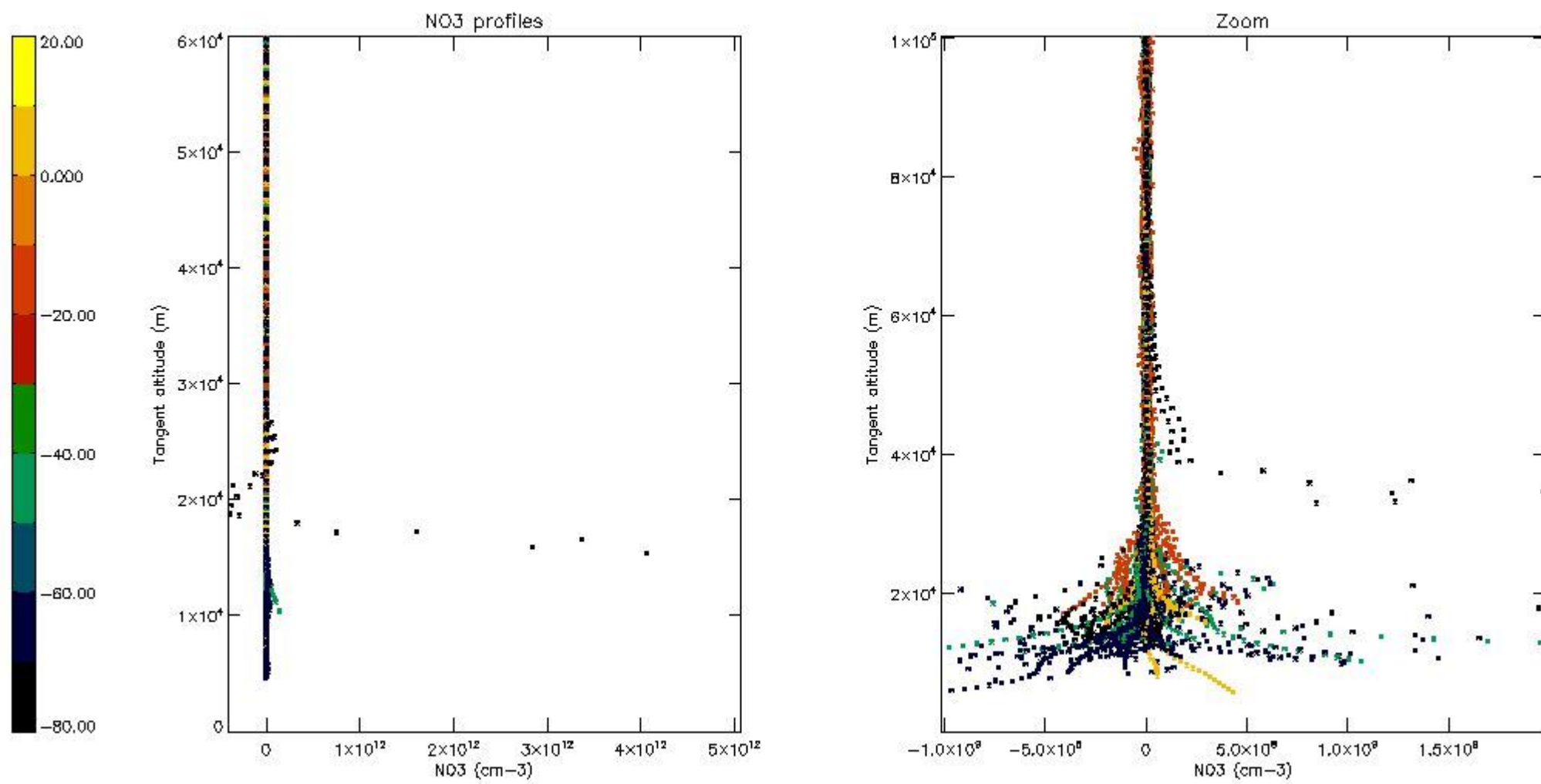
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



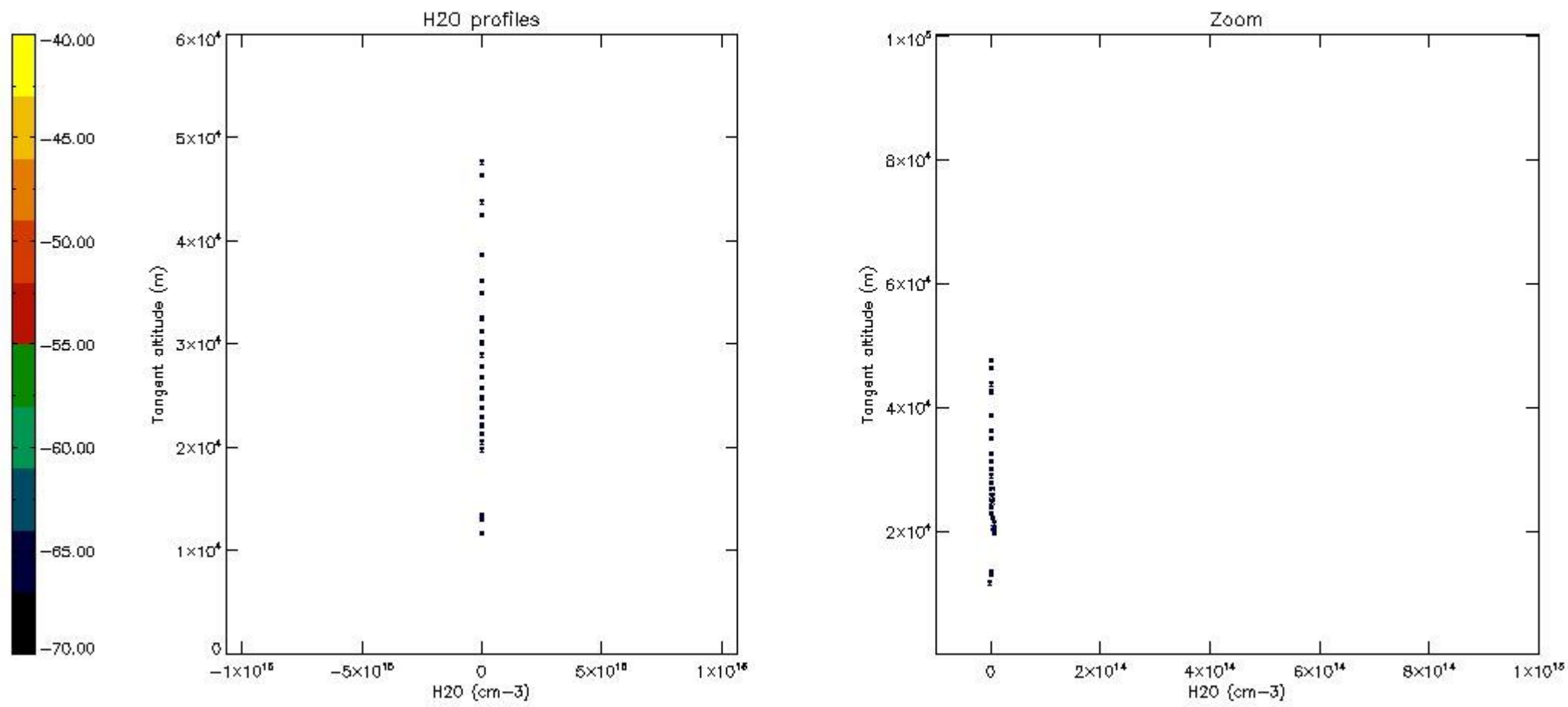
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

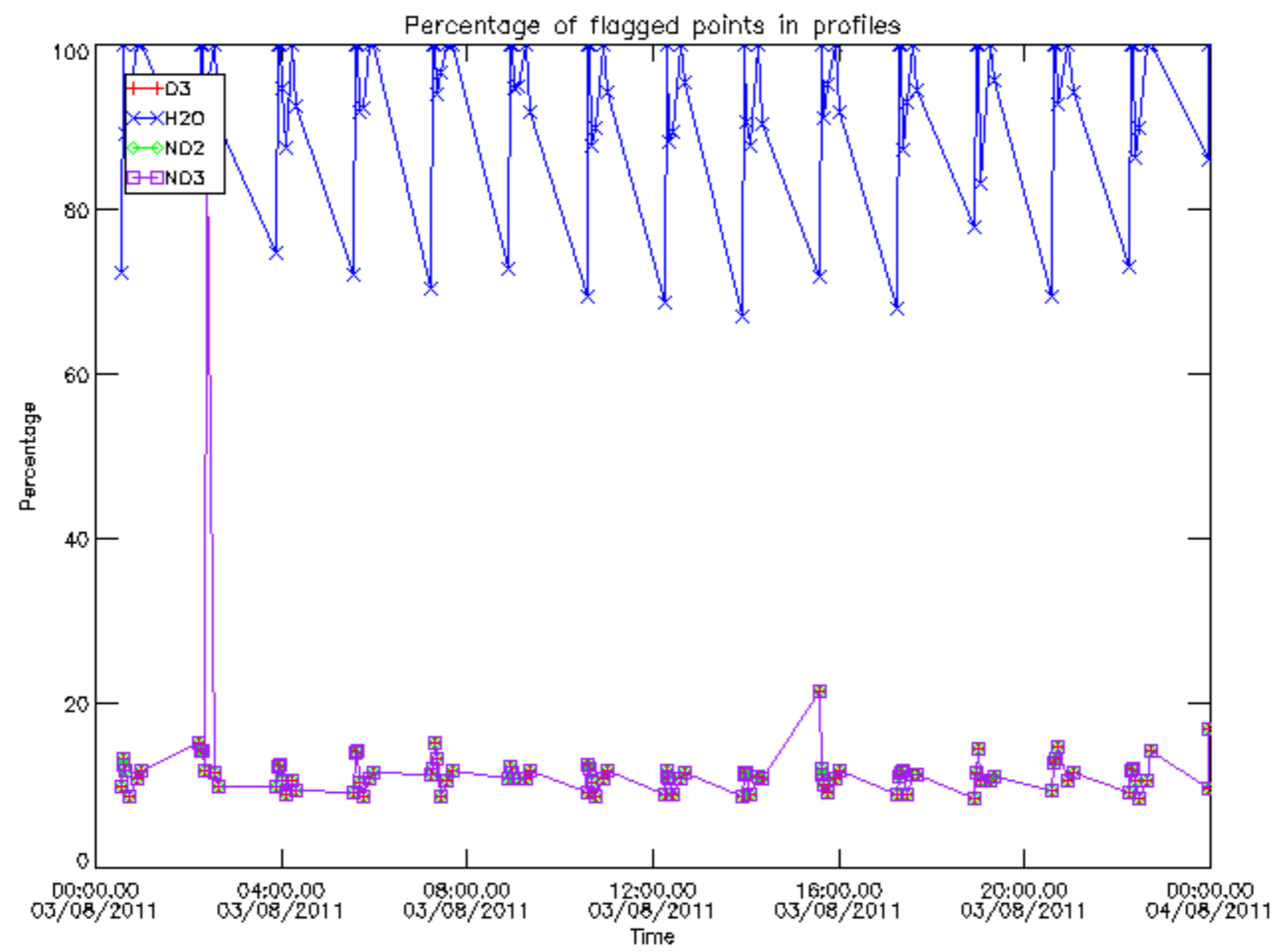
The colorbar represents the latitude.



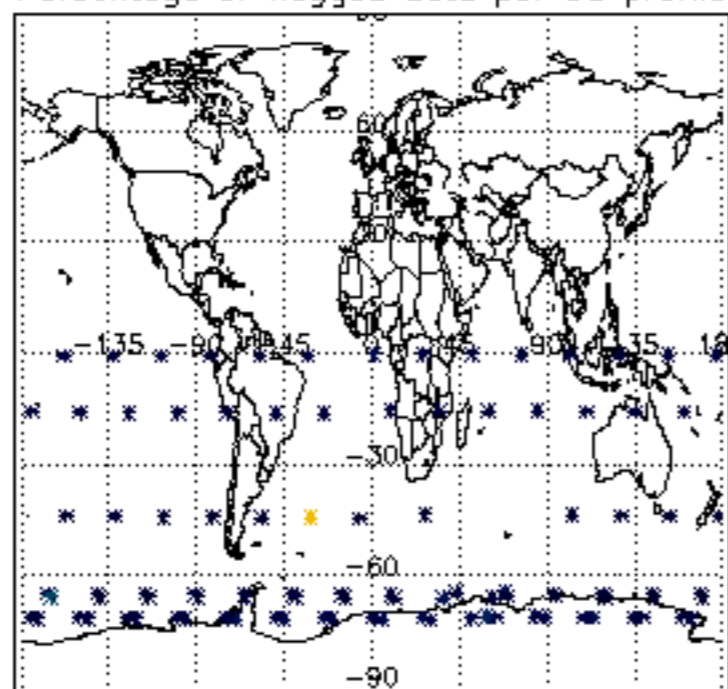
6. Auxiliary Data Files used for the production reported in section 2

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

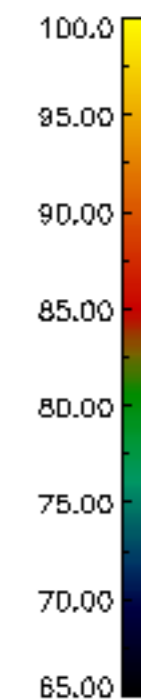
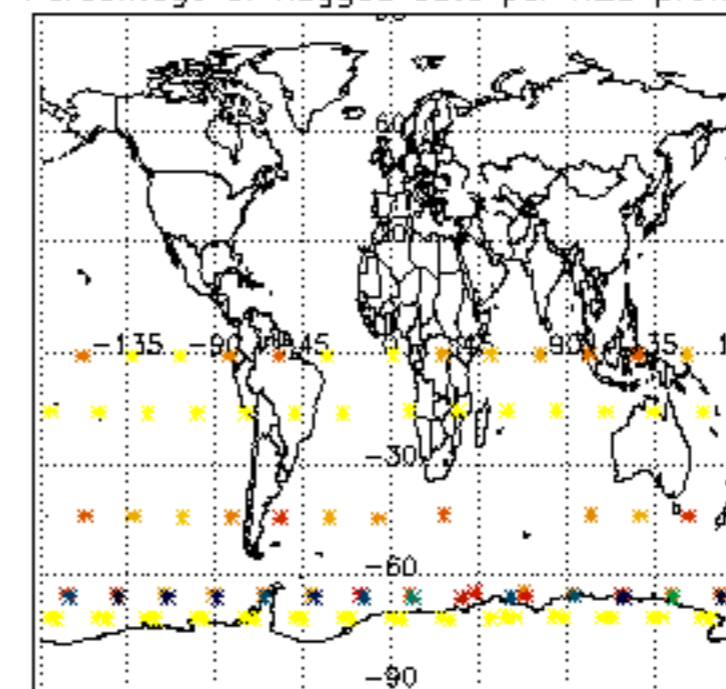
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	03-AUG-2011 00:04:15
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	03-AUG-2011 00:04:15
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	03-AUG-2011 00:04:15



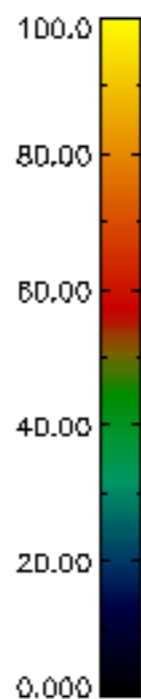
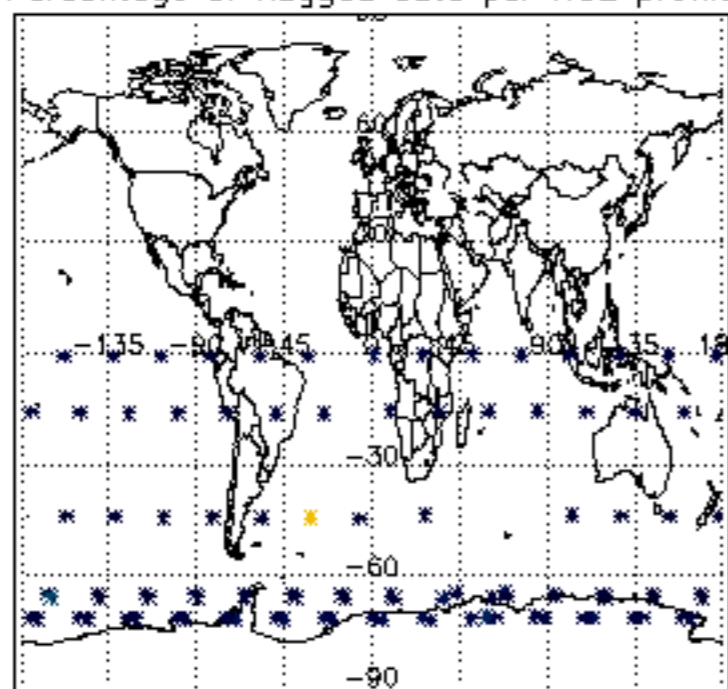
Percentage of flagged data per D3 profile



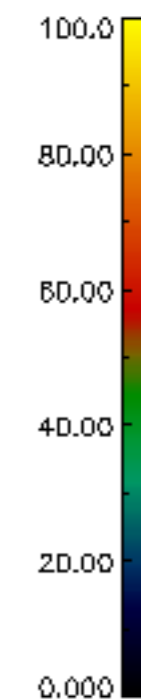
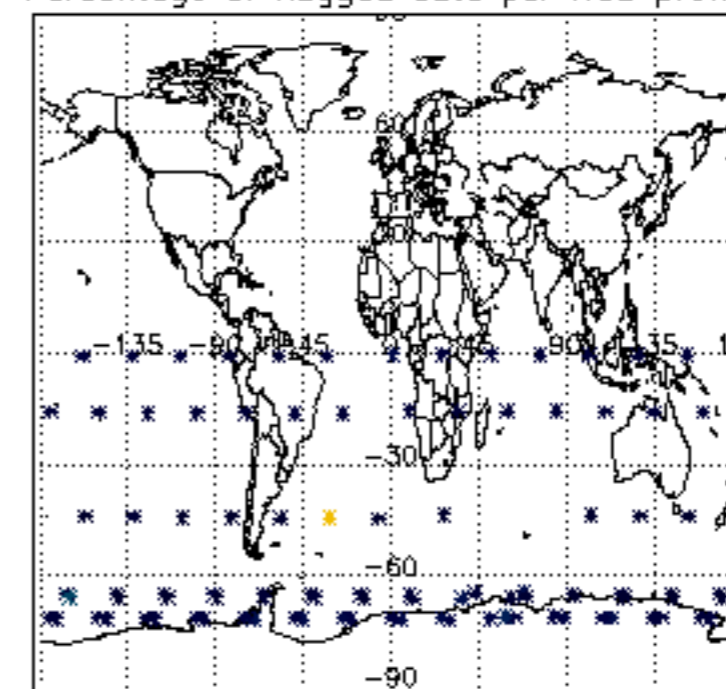
Percentage of flagged data per H2O profile

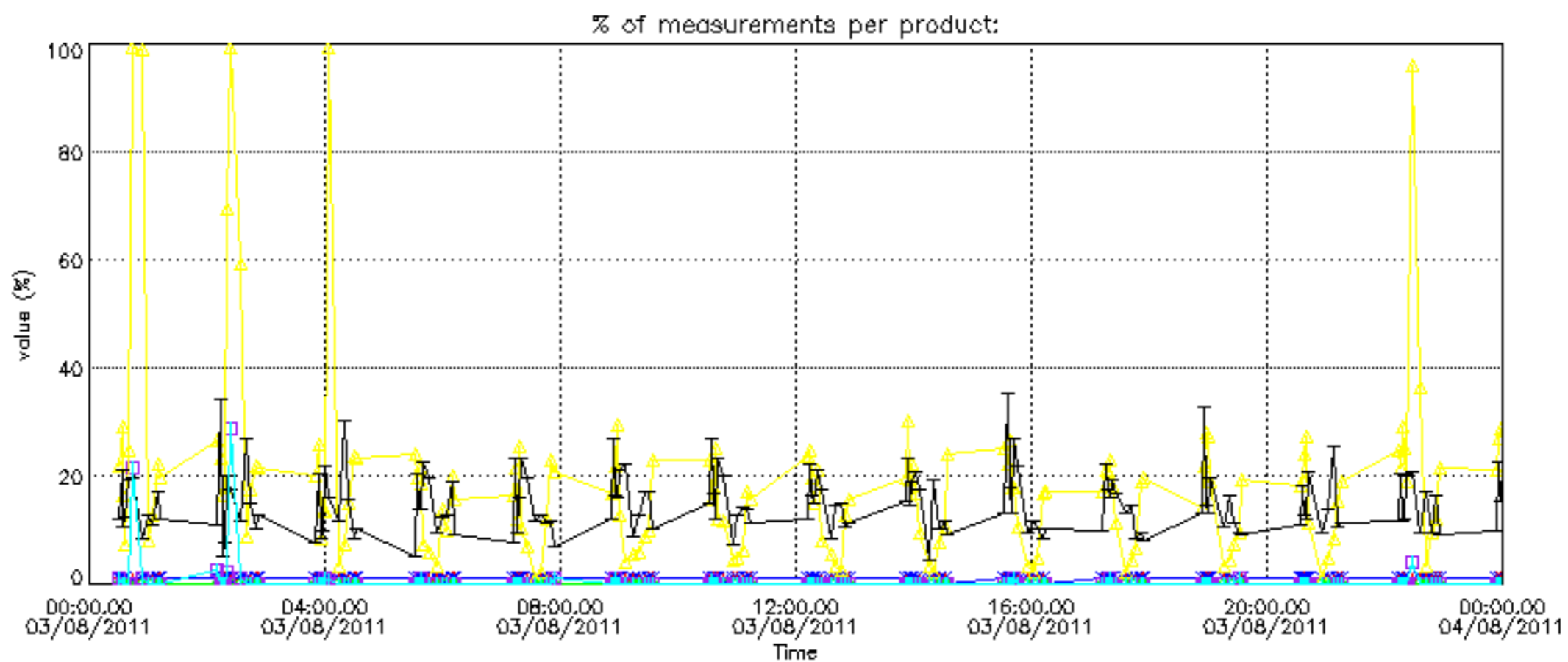


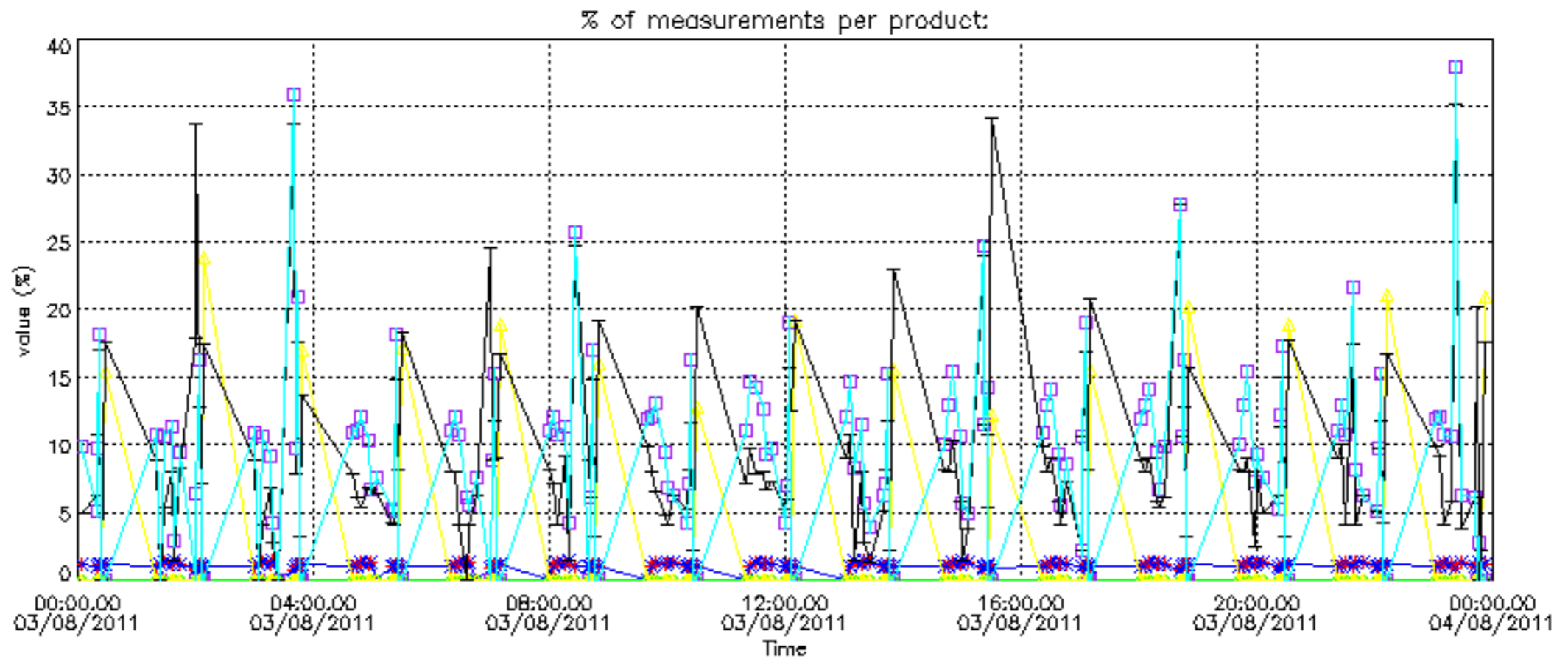
Percentage of flagged data per NO2 profile



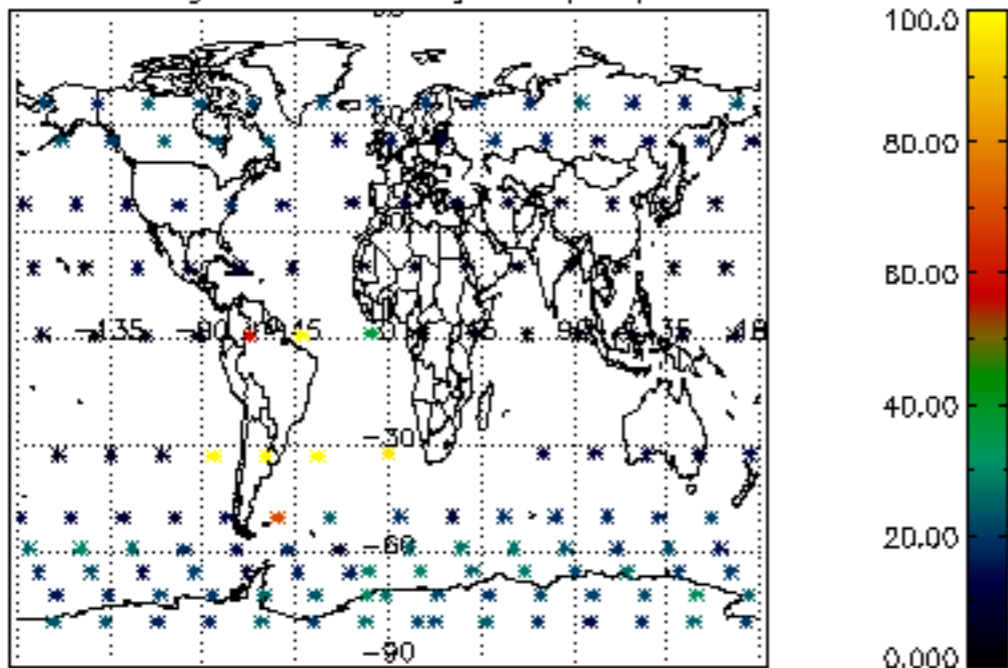
Percentage of flagged data per NO3 profile



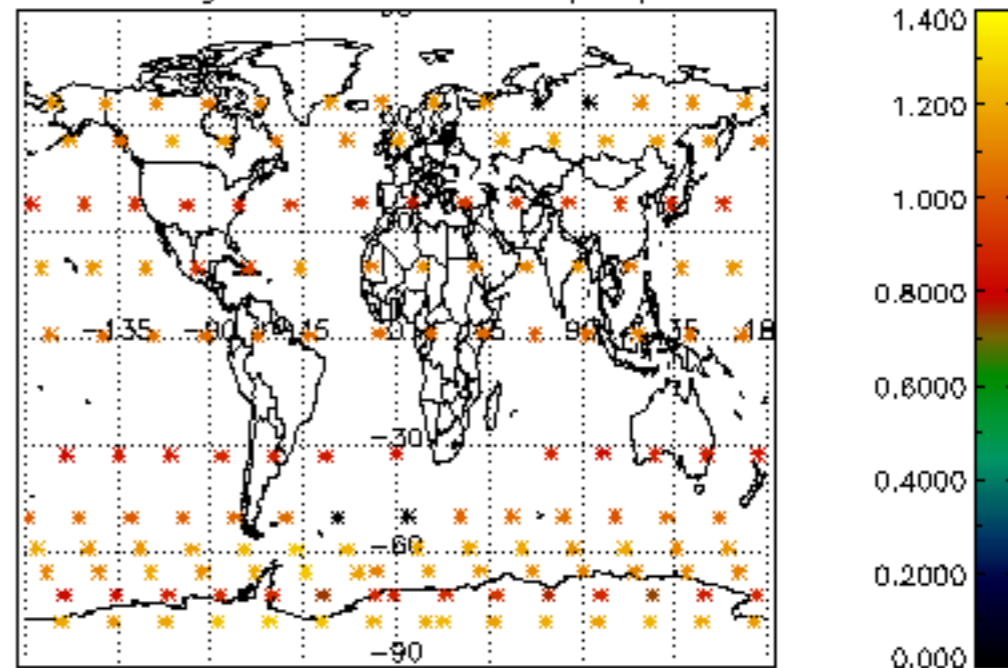




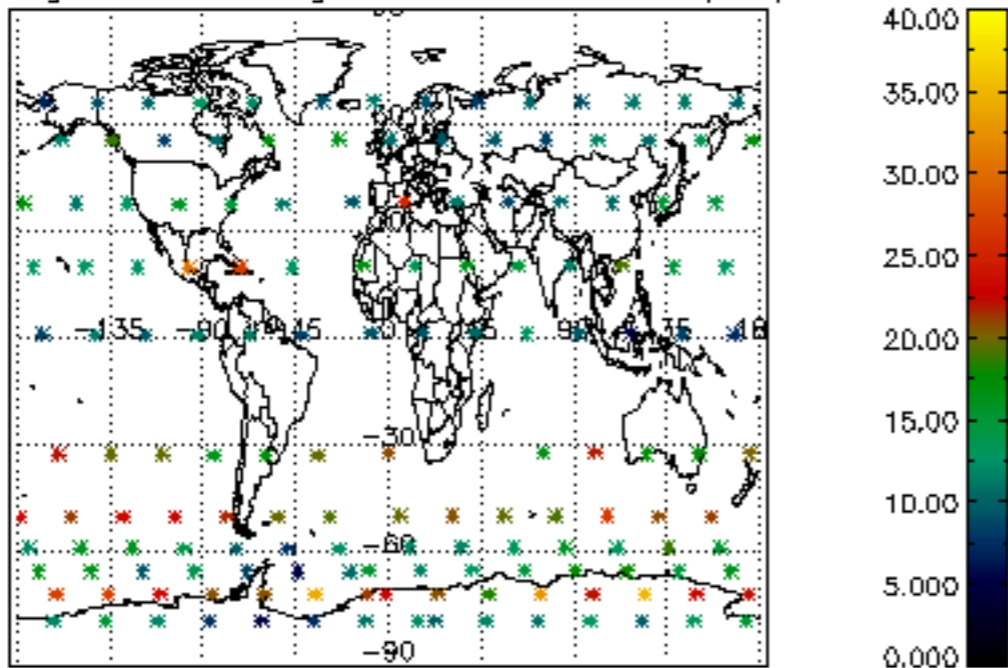
Percentage of cosmic ray hits per profile



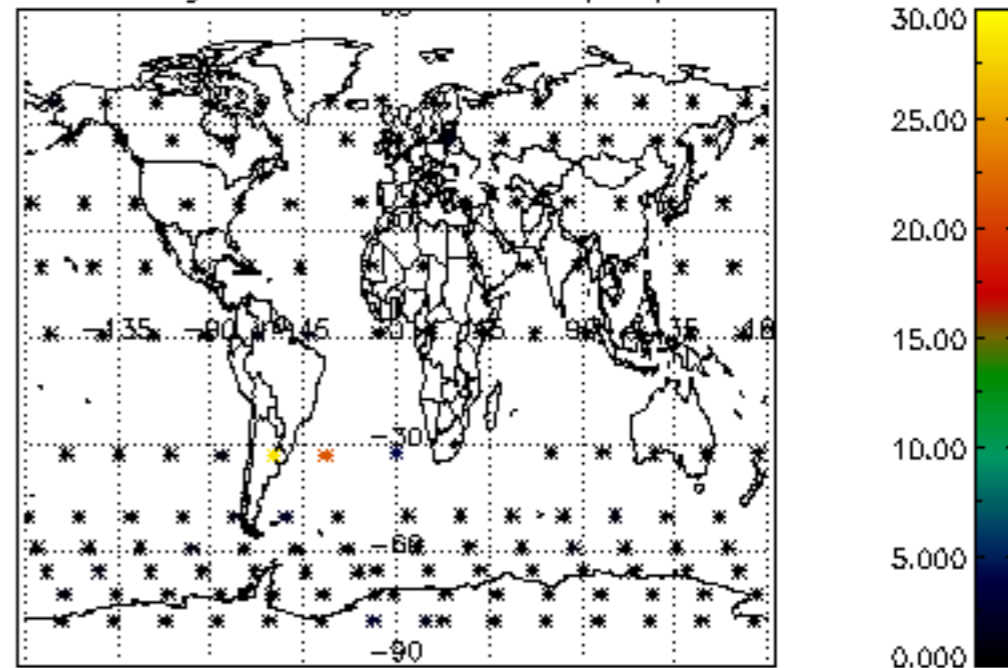
Percentage of datation errors per profile



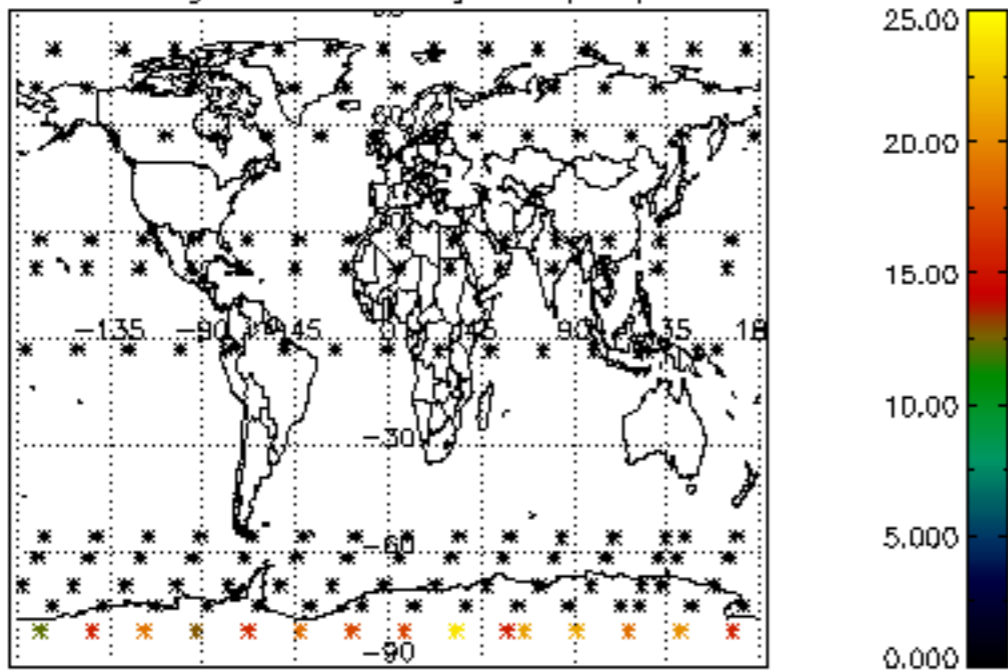
Percentage of star falling outside central band per profile



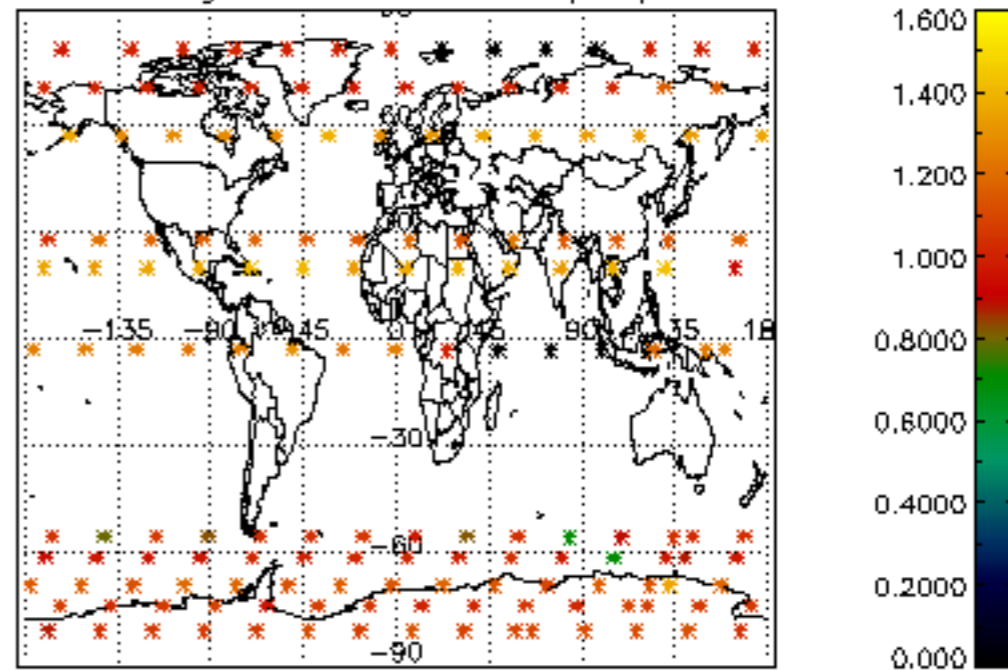
Percentage of saturation errors per profile



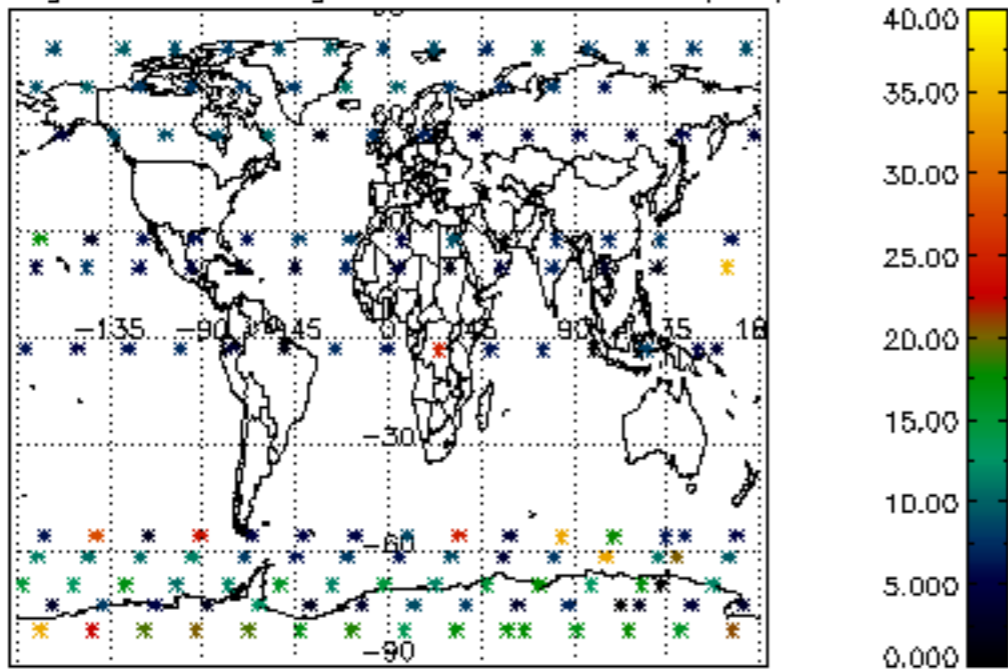
Percentage of cosmic ray hits per profile



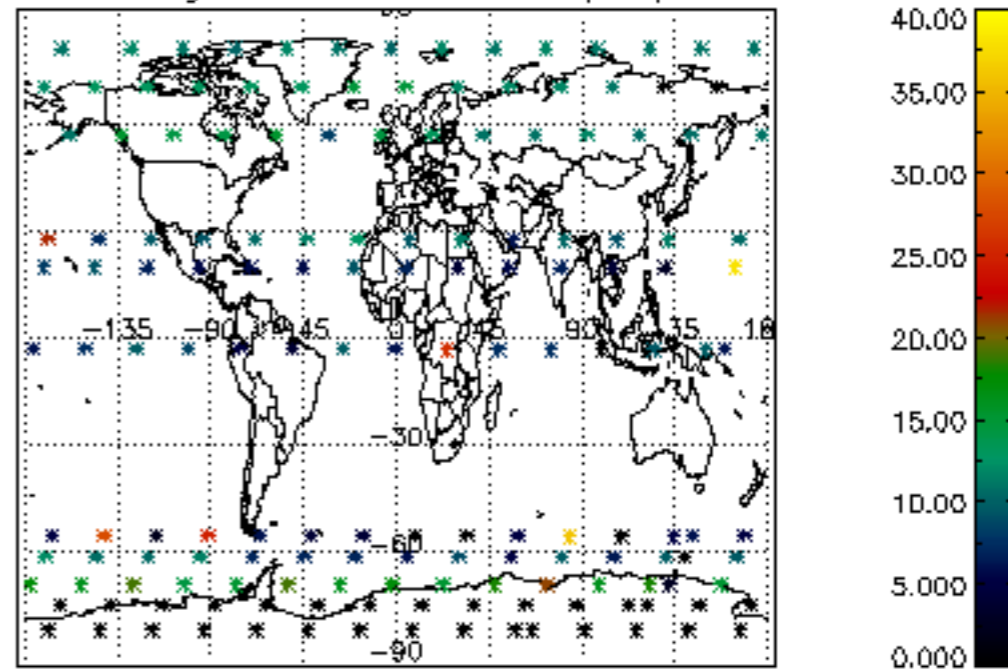
Percentage of datation errors per profile

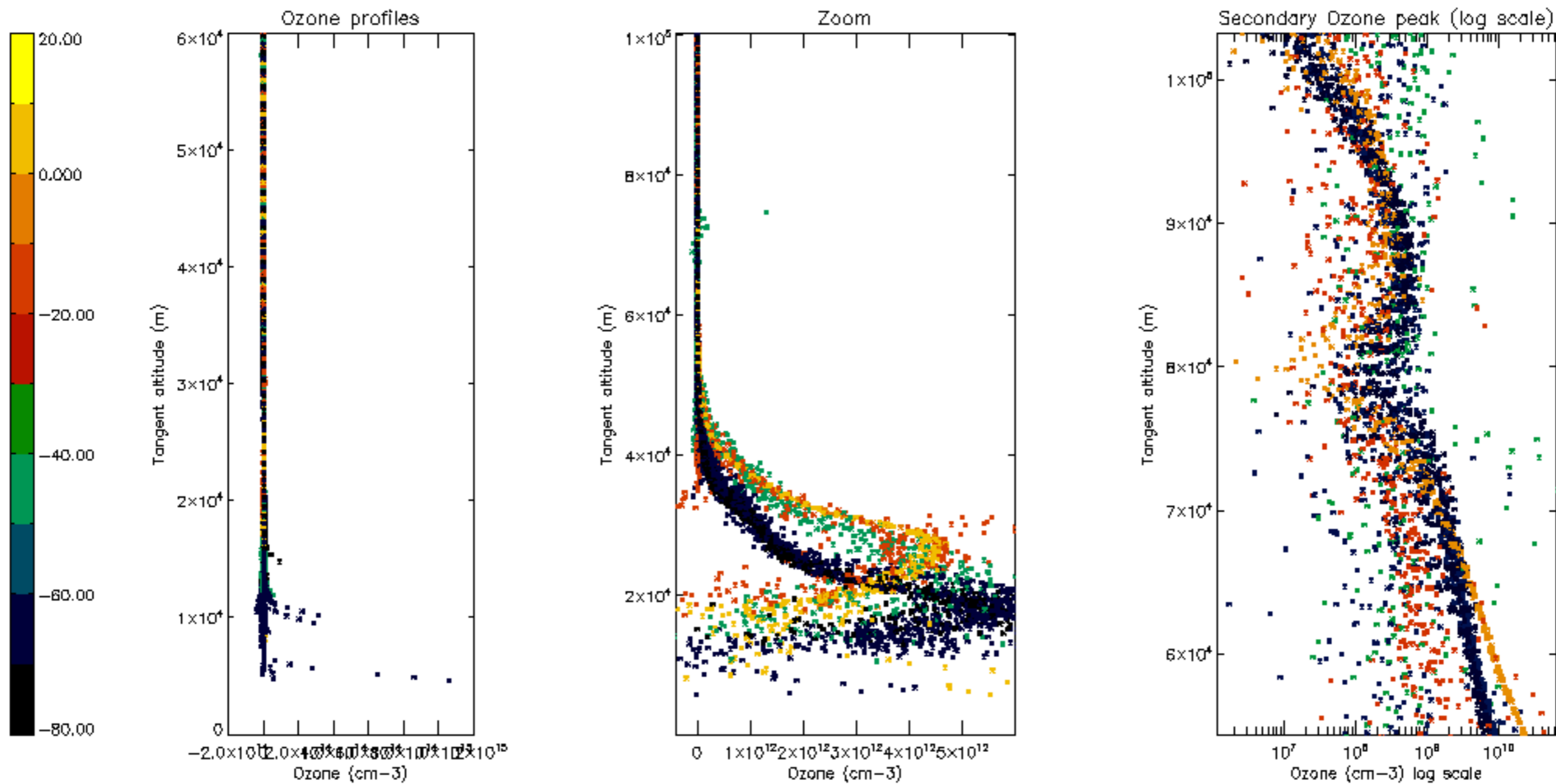


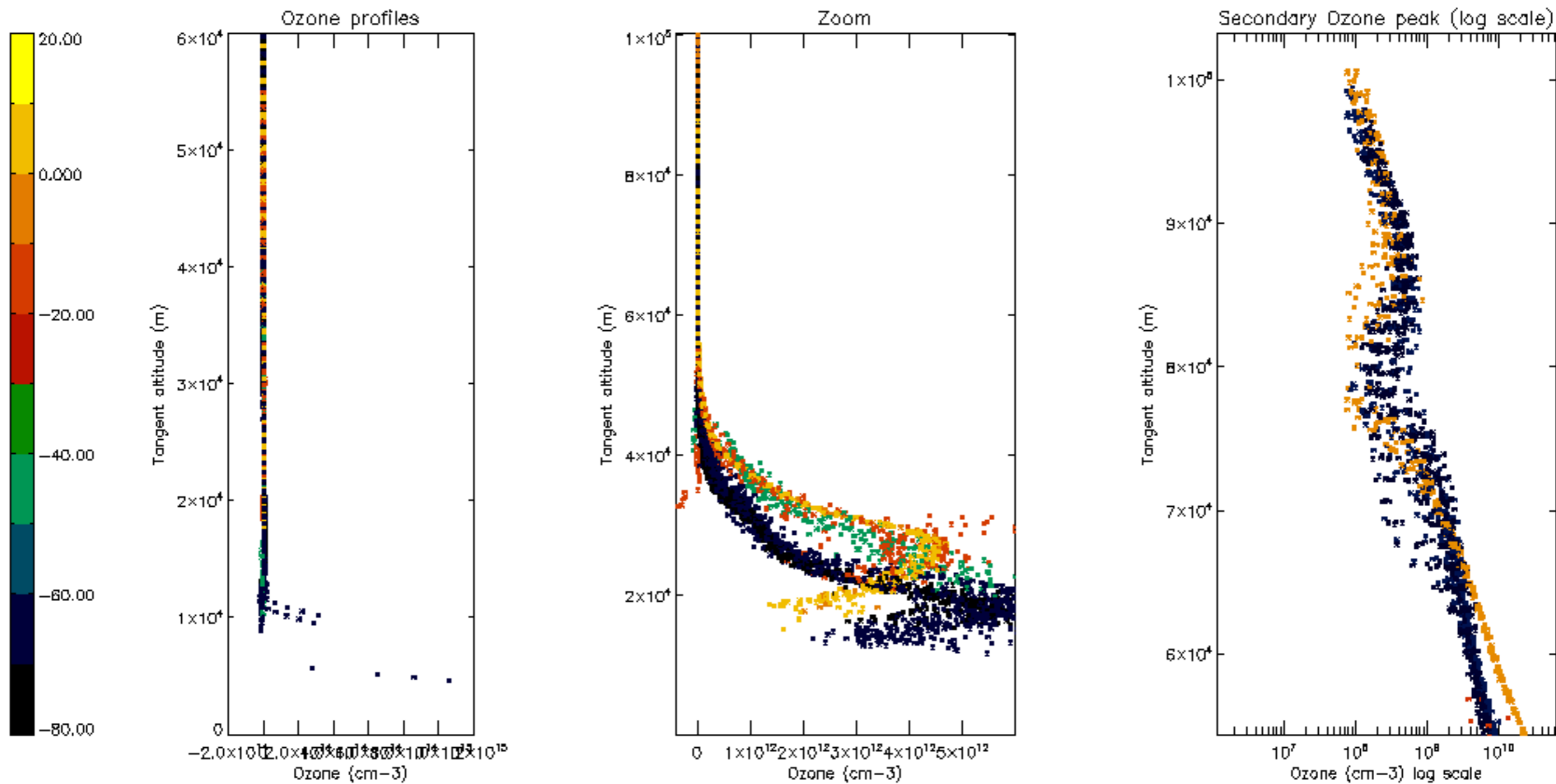
Percentage of star falling outside central band per profile

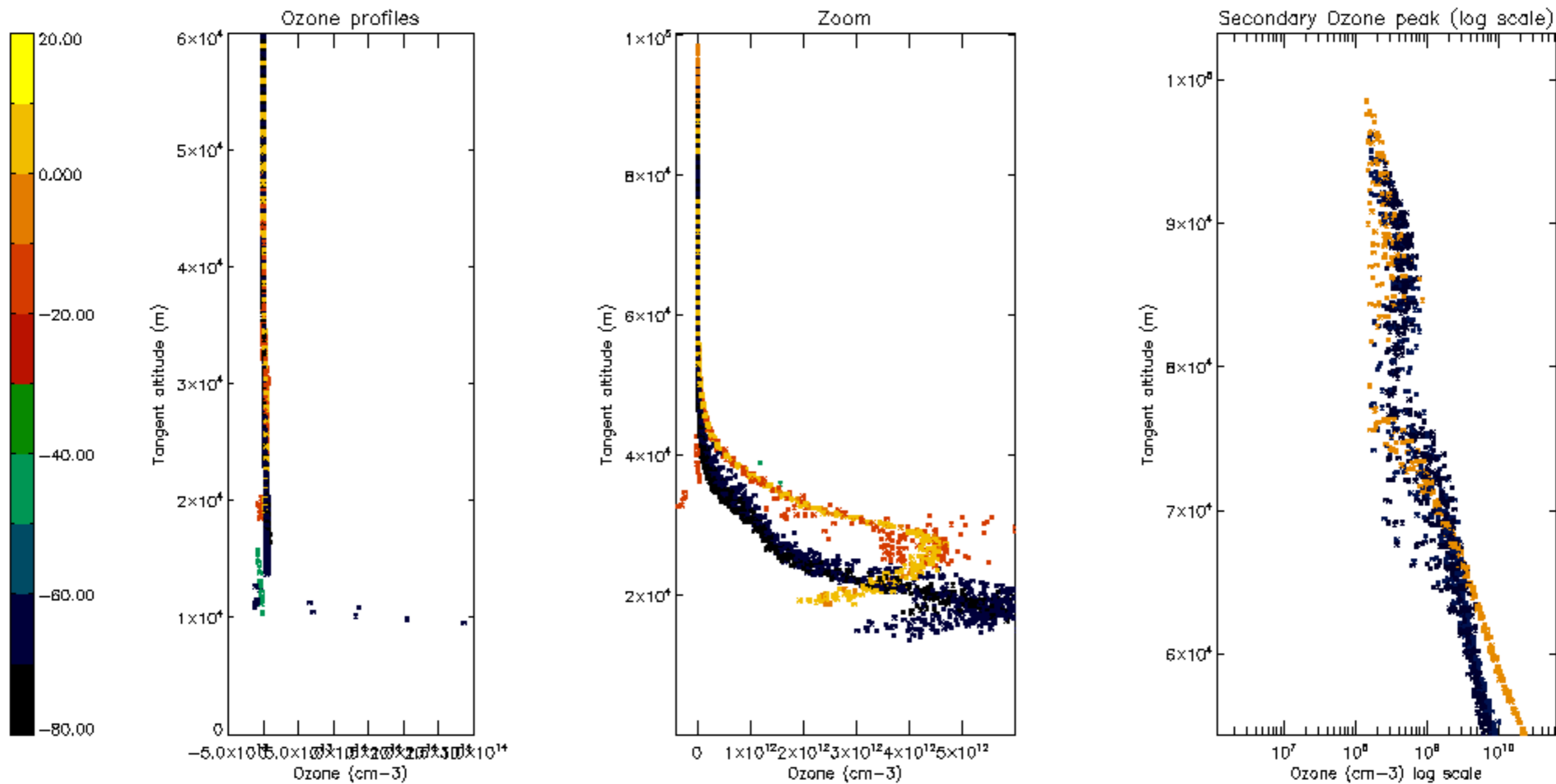


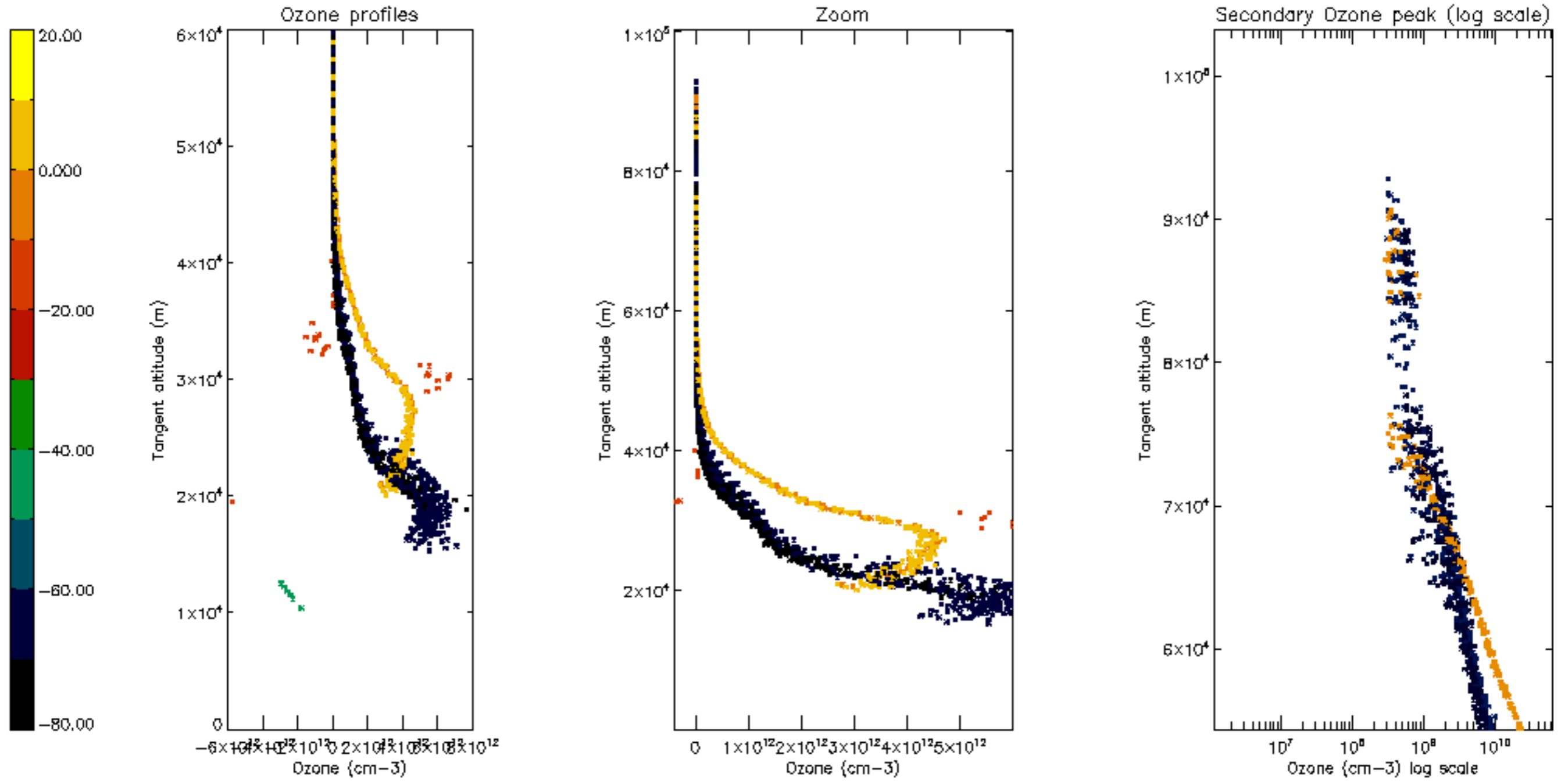
Percentage of saturation errors per profile

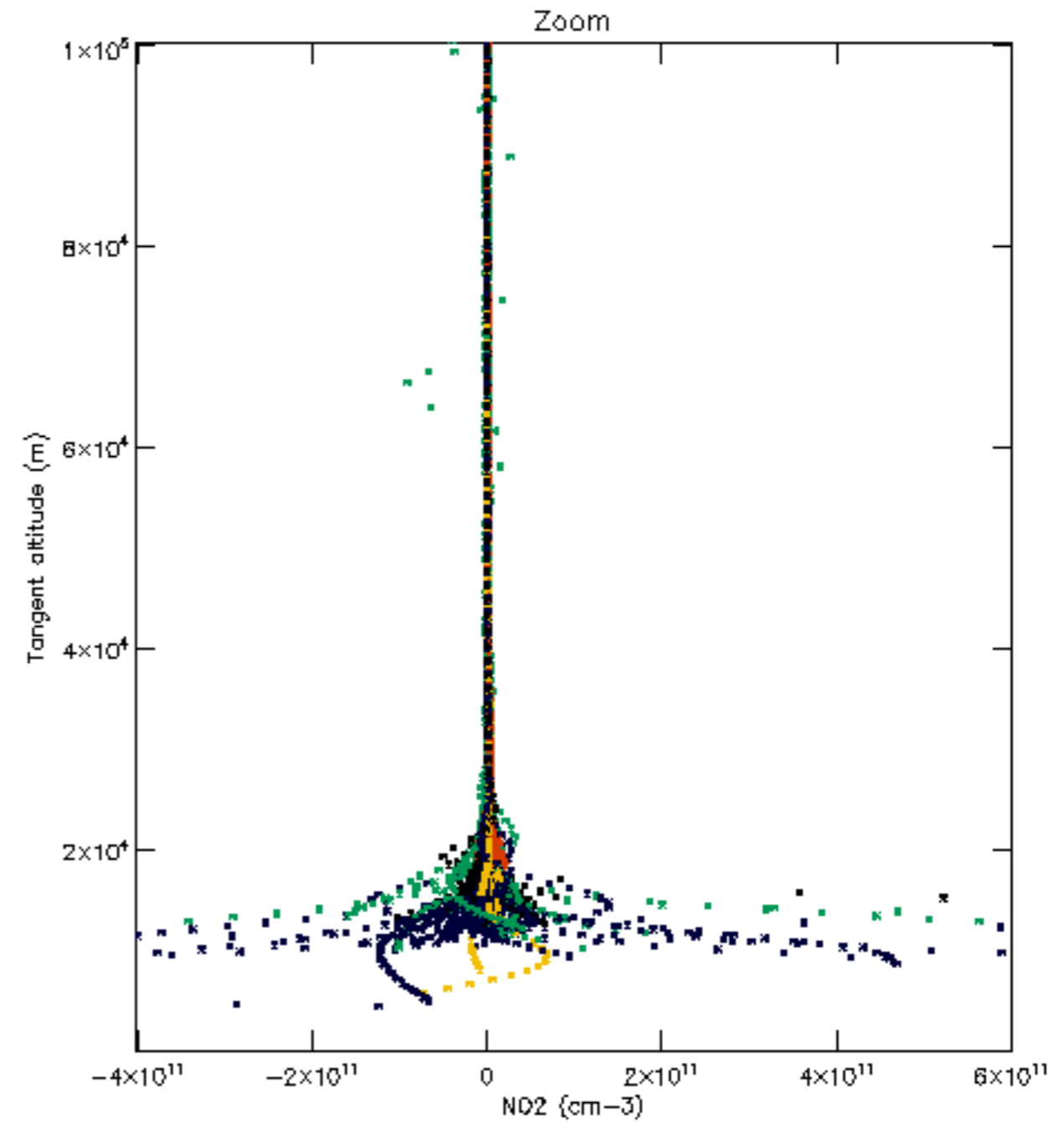
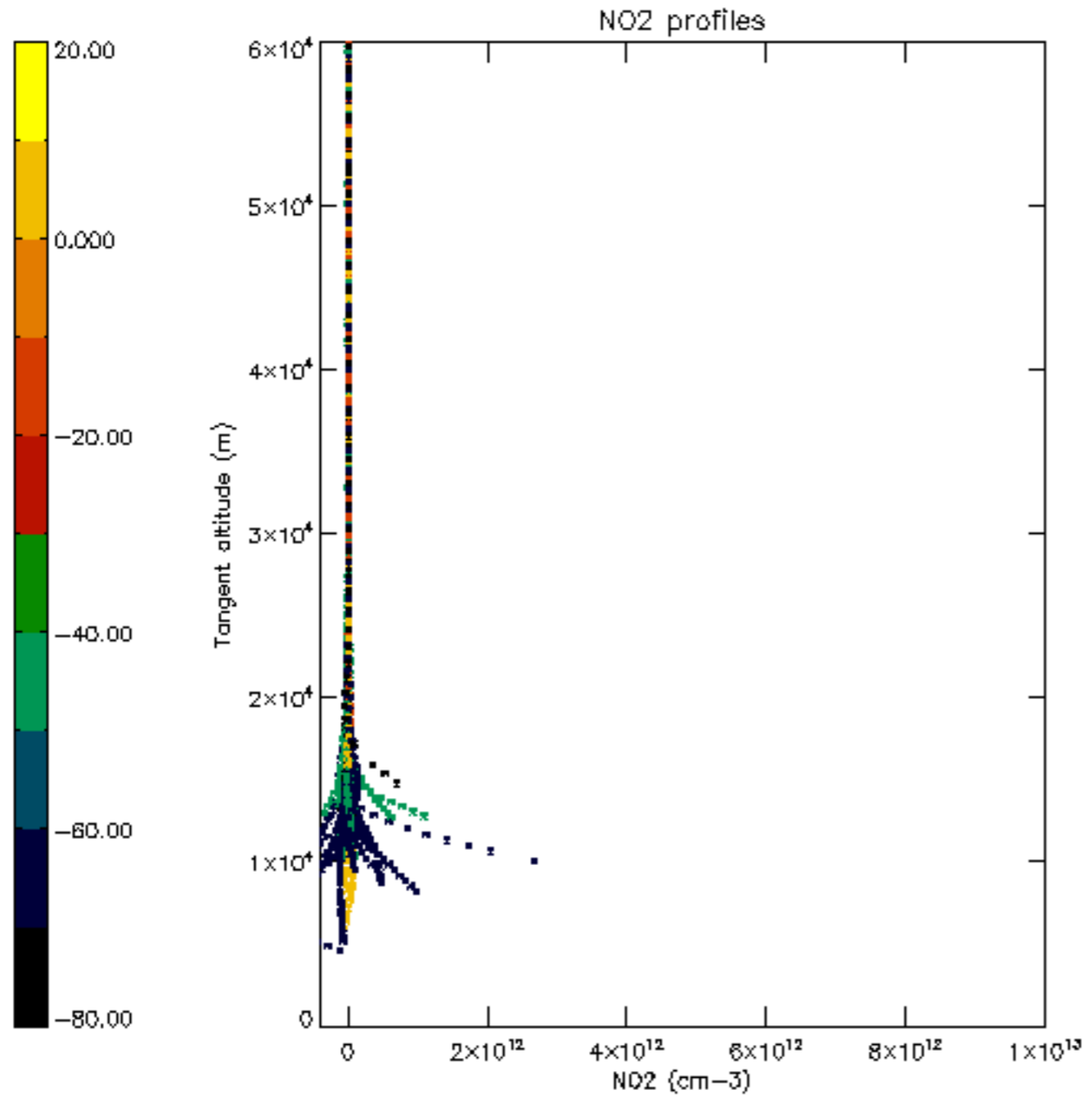


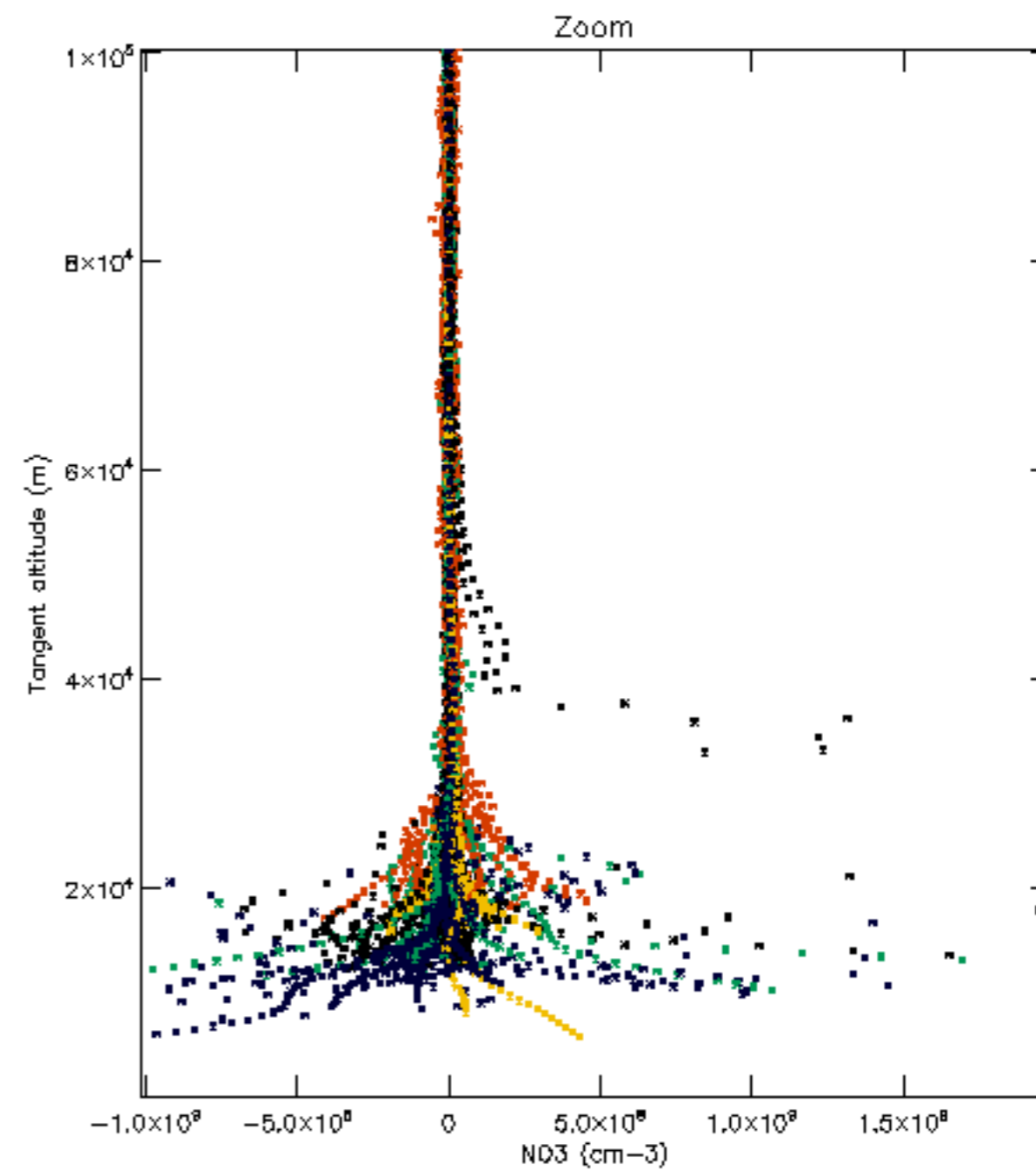
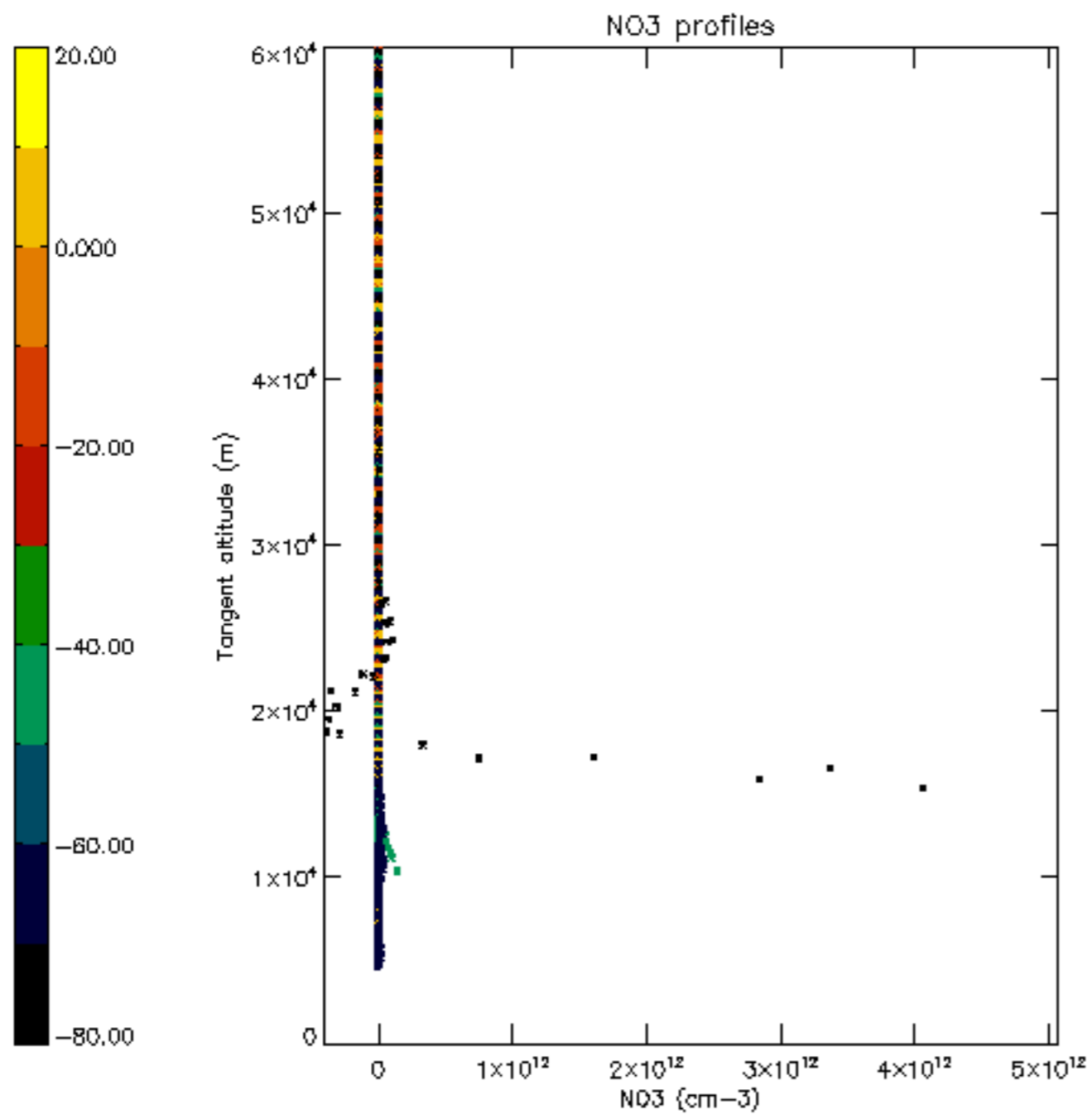


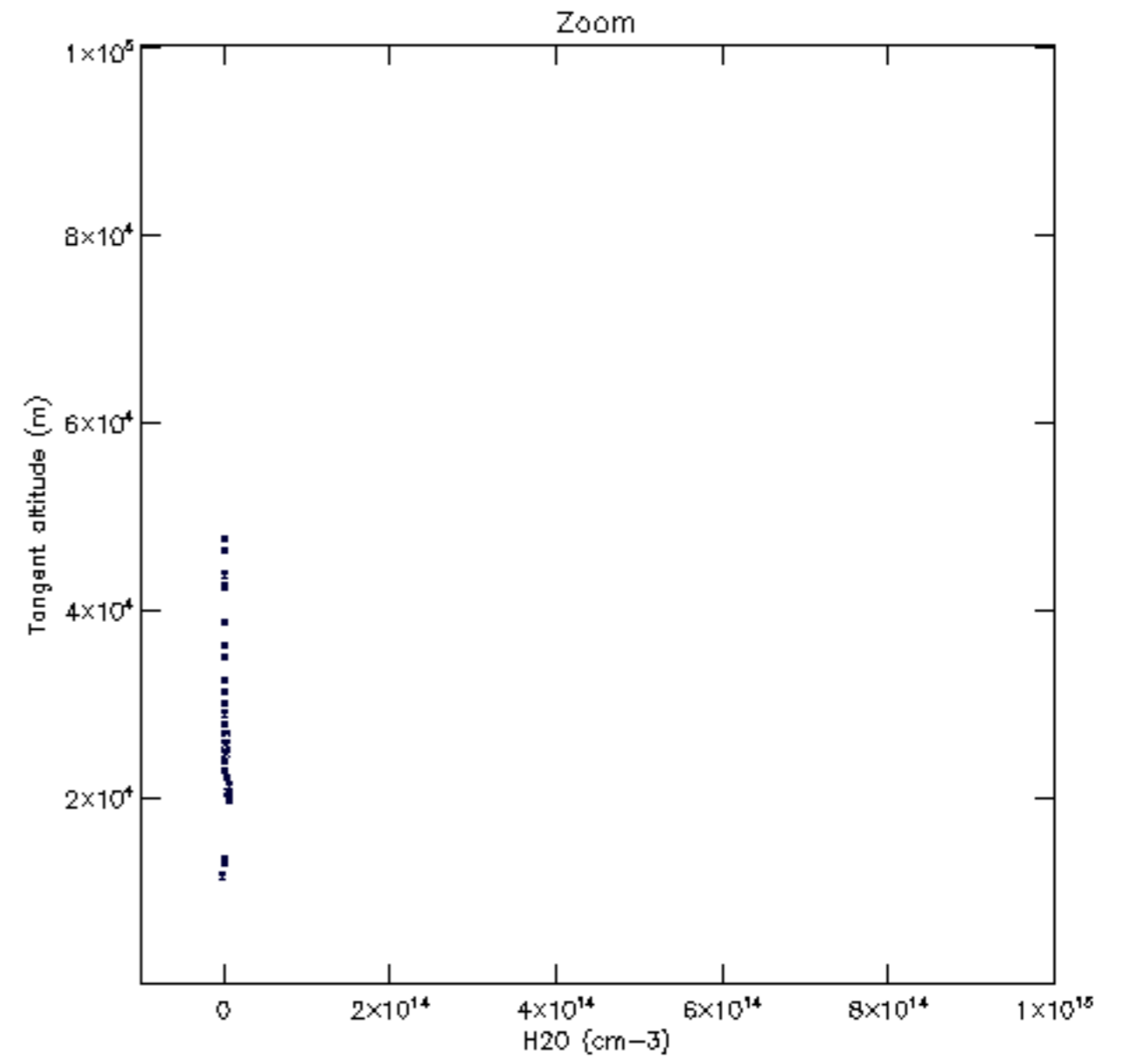
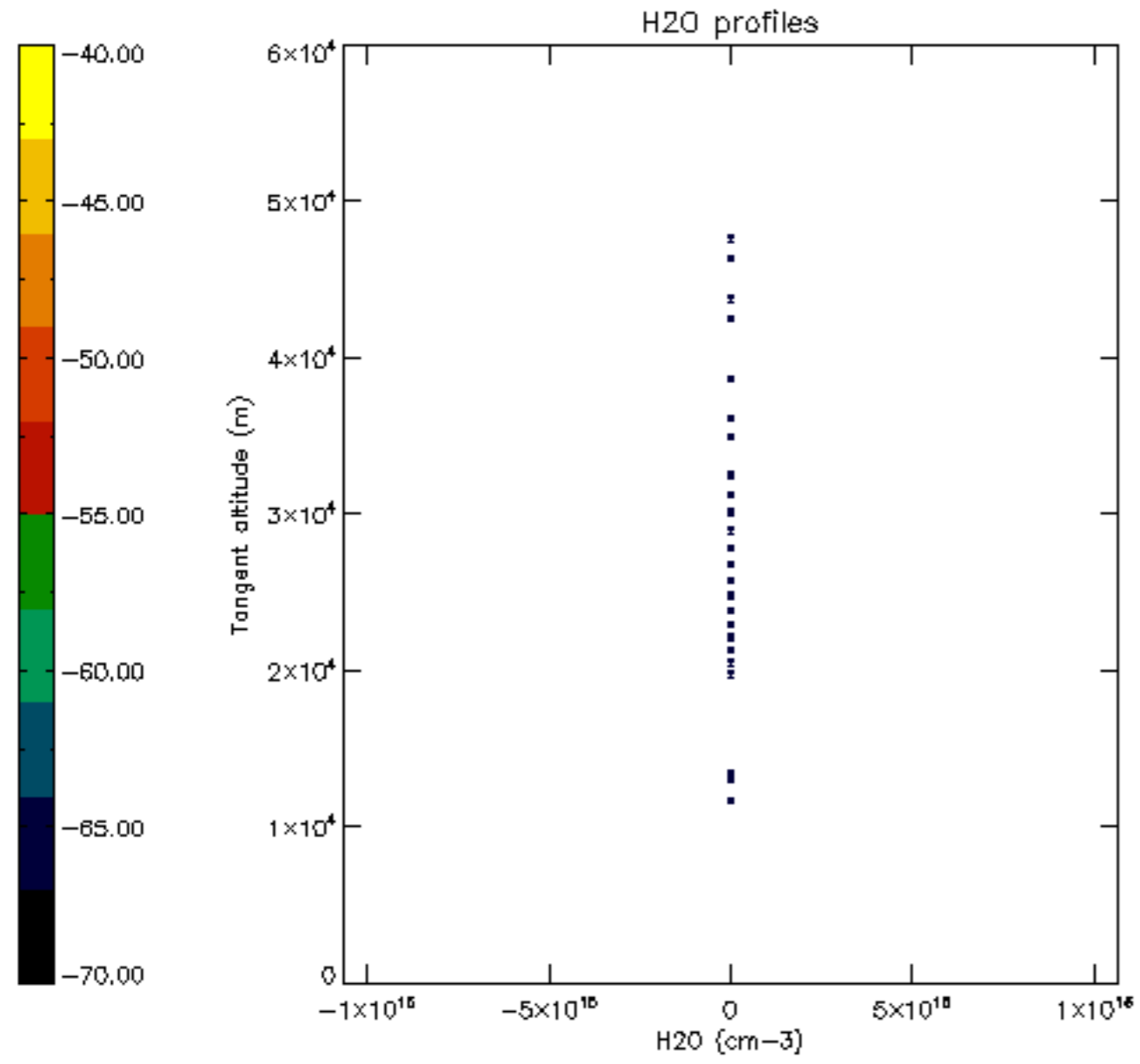


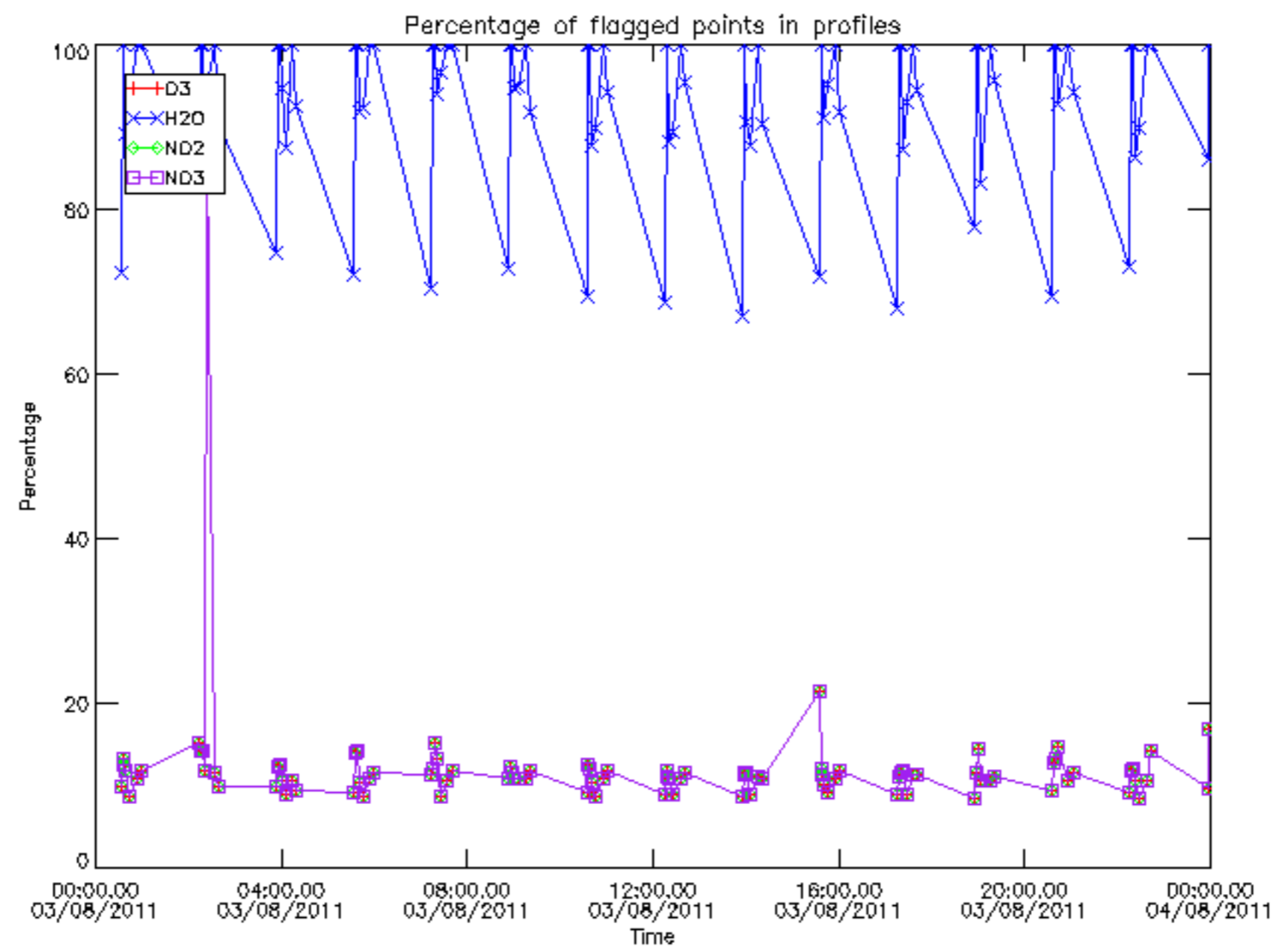




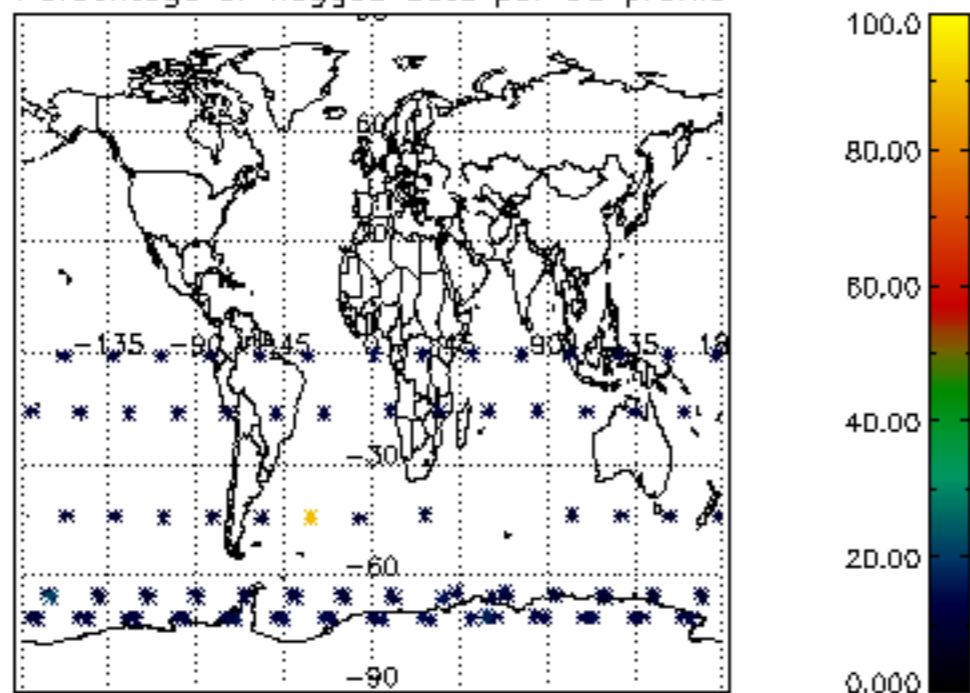




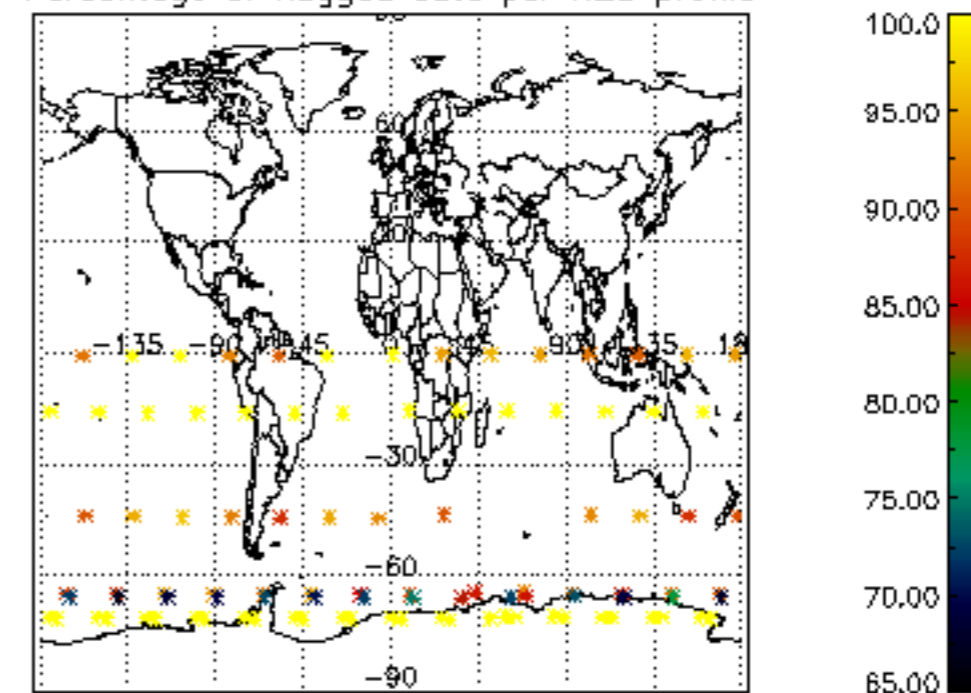




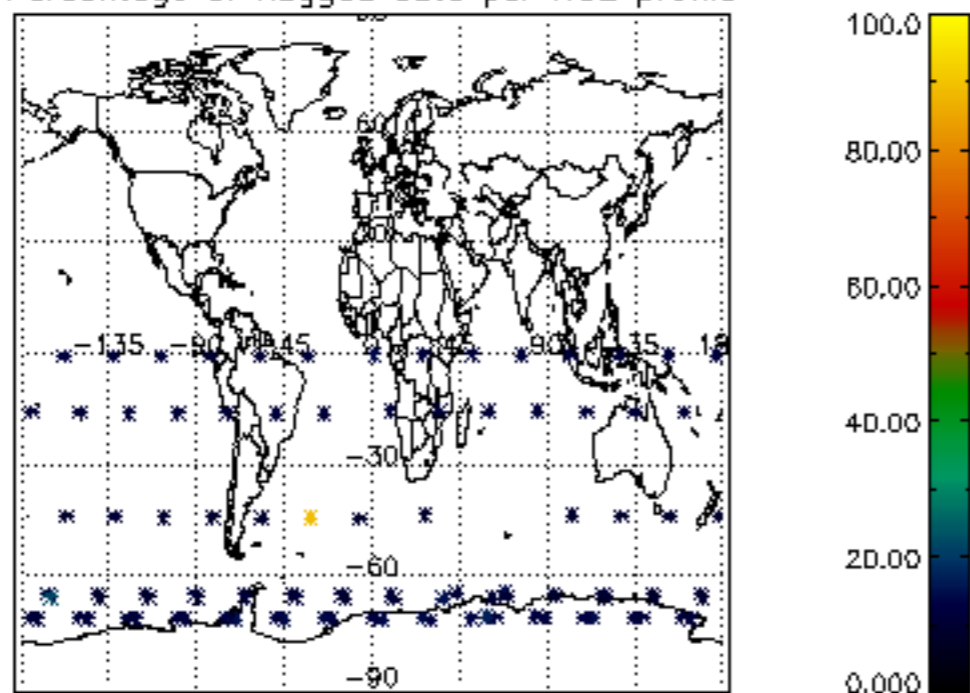
Percentage of flagged data per D3 profile



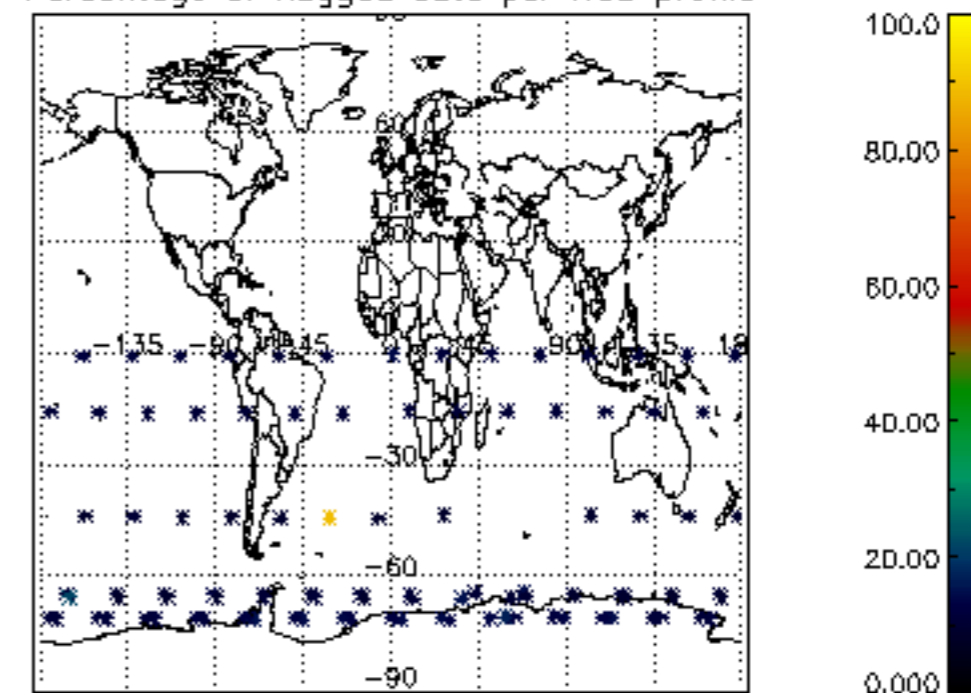
Percentage of flagged data per H2O profile

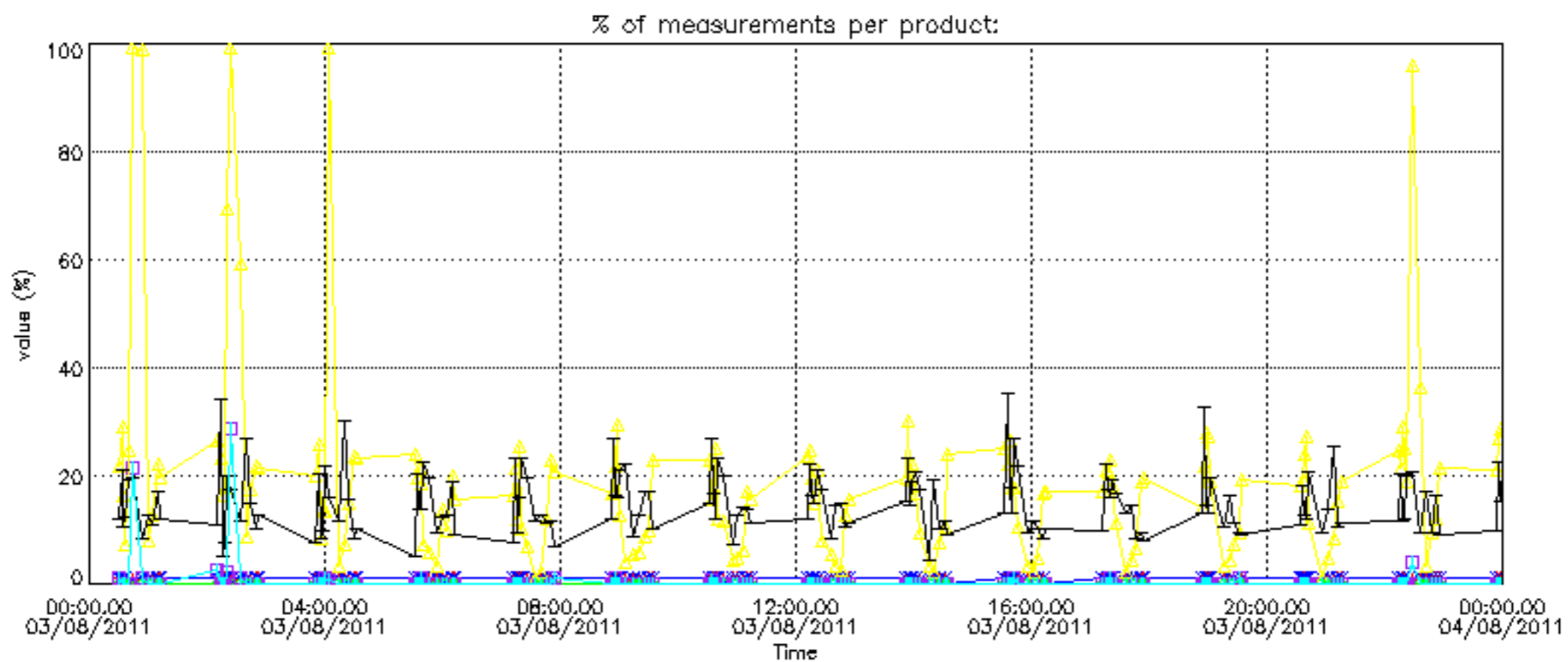


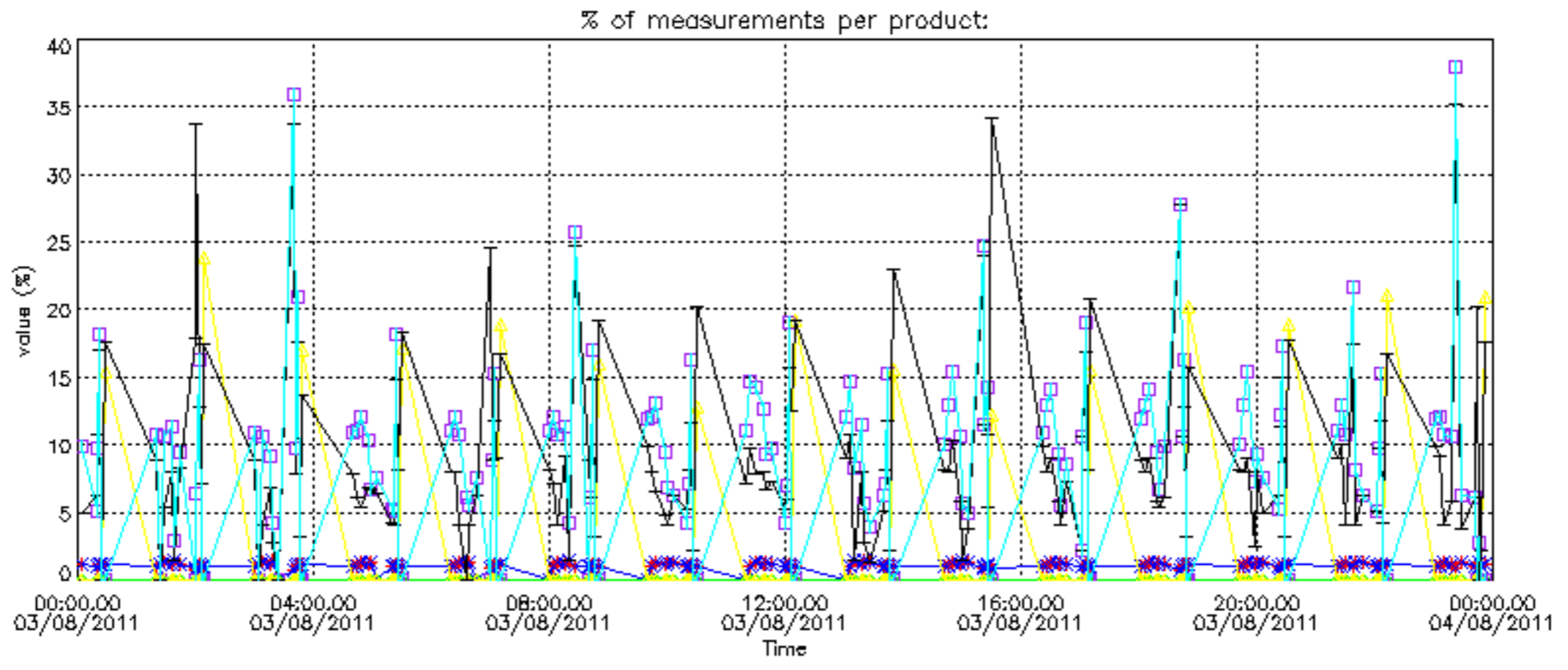
Percentage of flagged data per NO2 profile



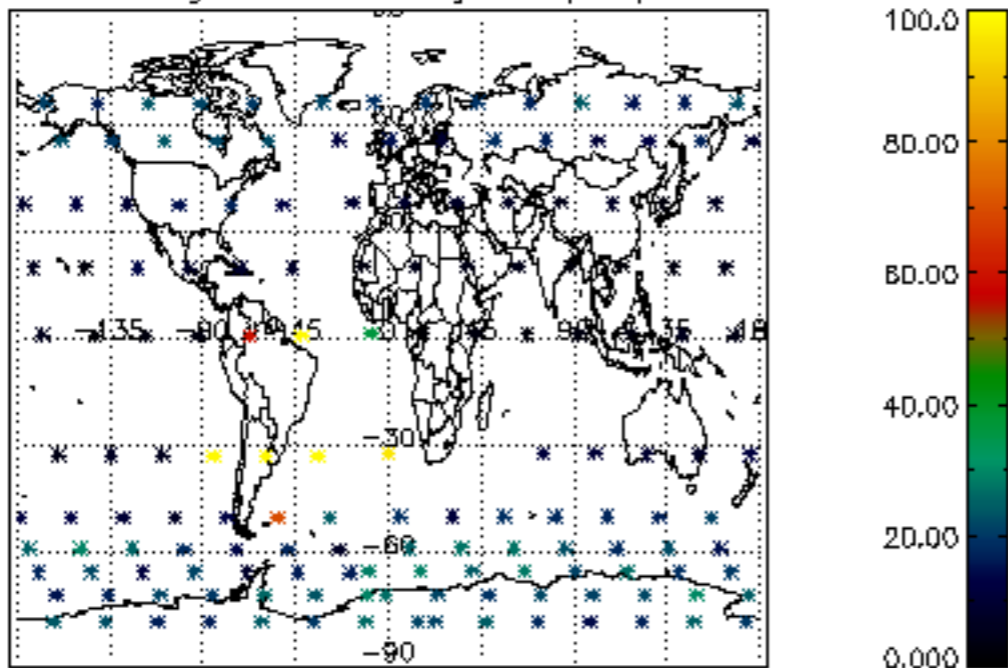
Percentage of flagged data per NO3 profile



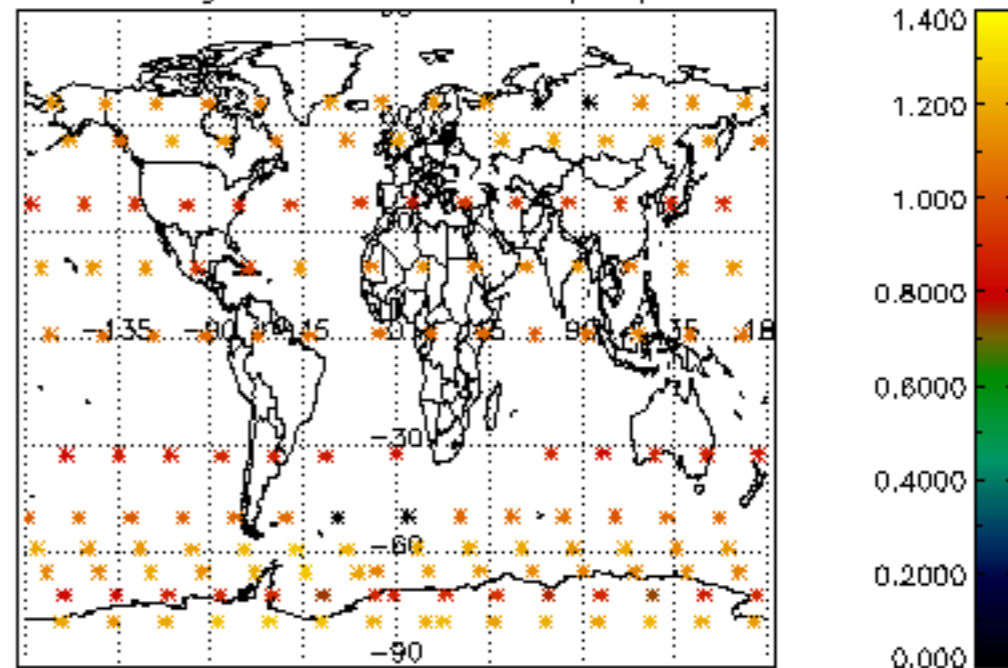




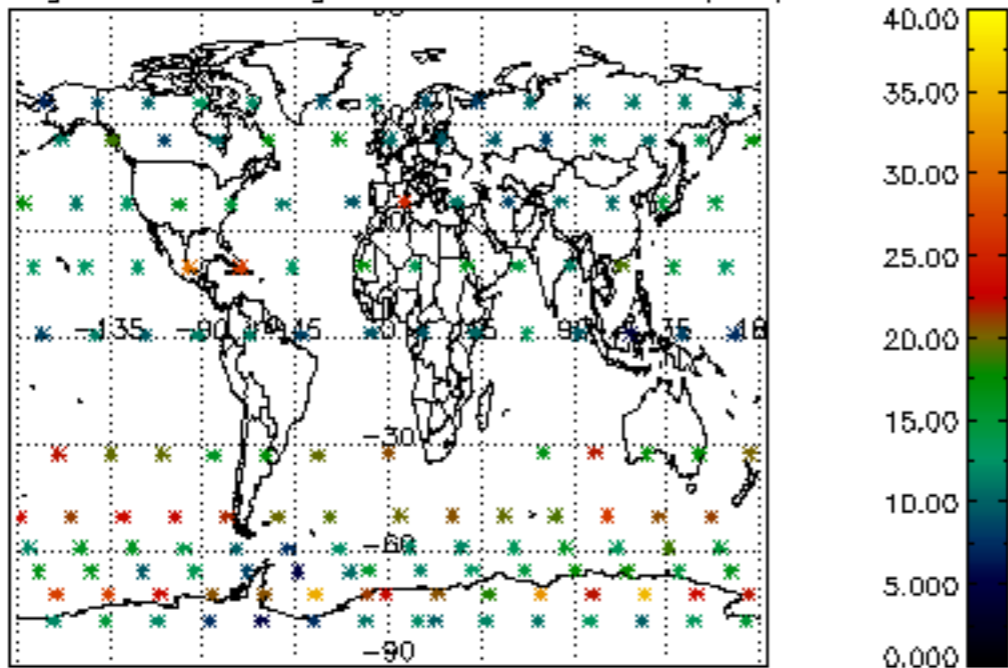
Percentage of cosmic ray hits per profile



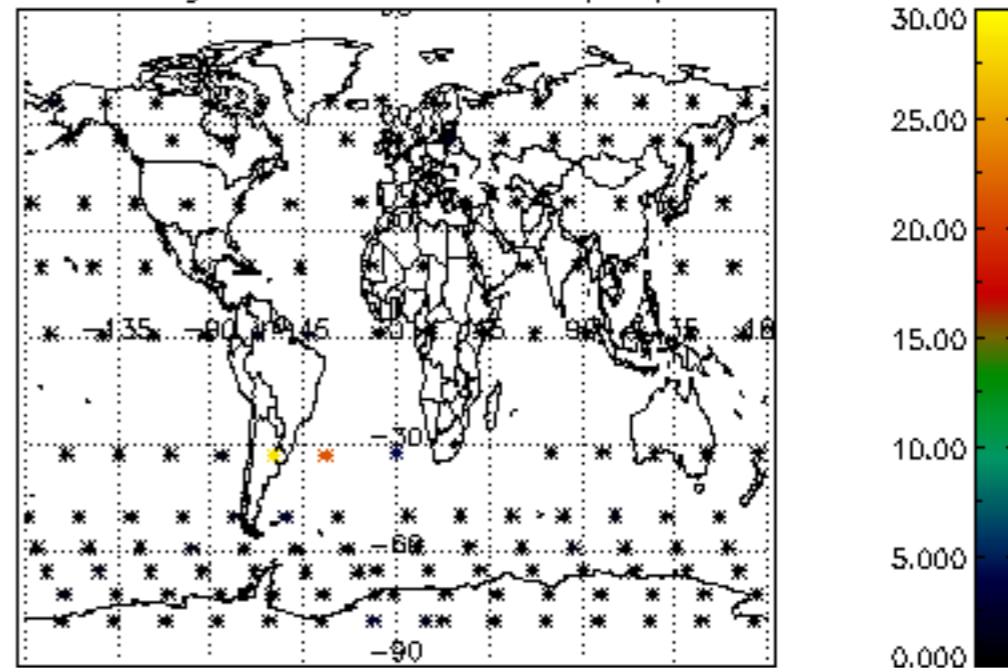
Percentage of datation errors per profile



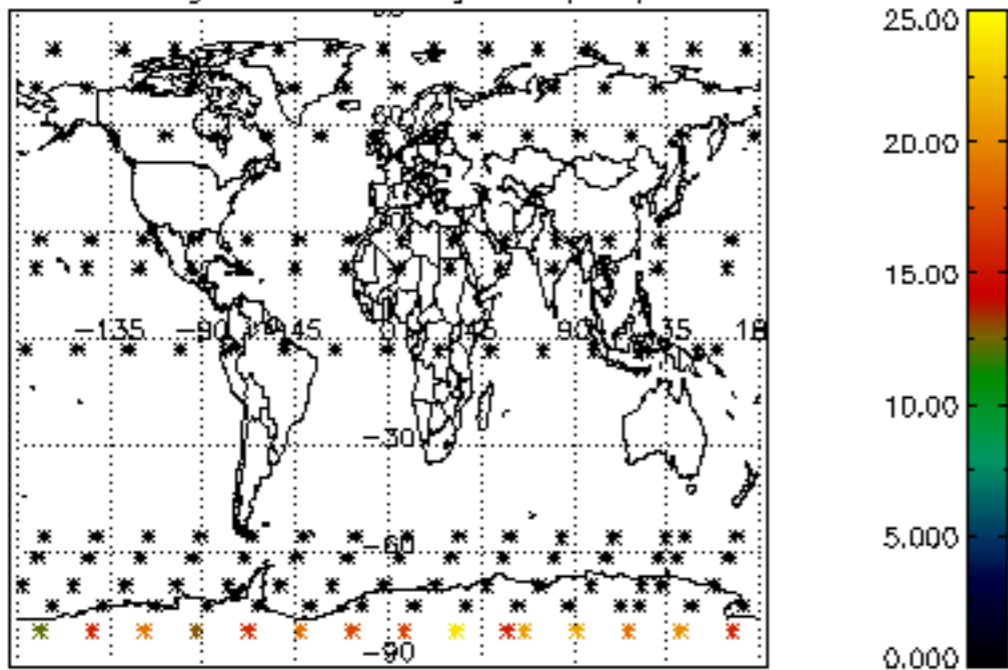
Percentage of star falling outside central band per profile



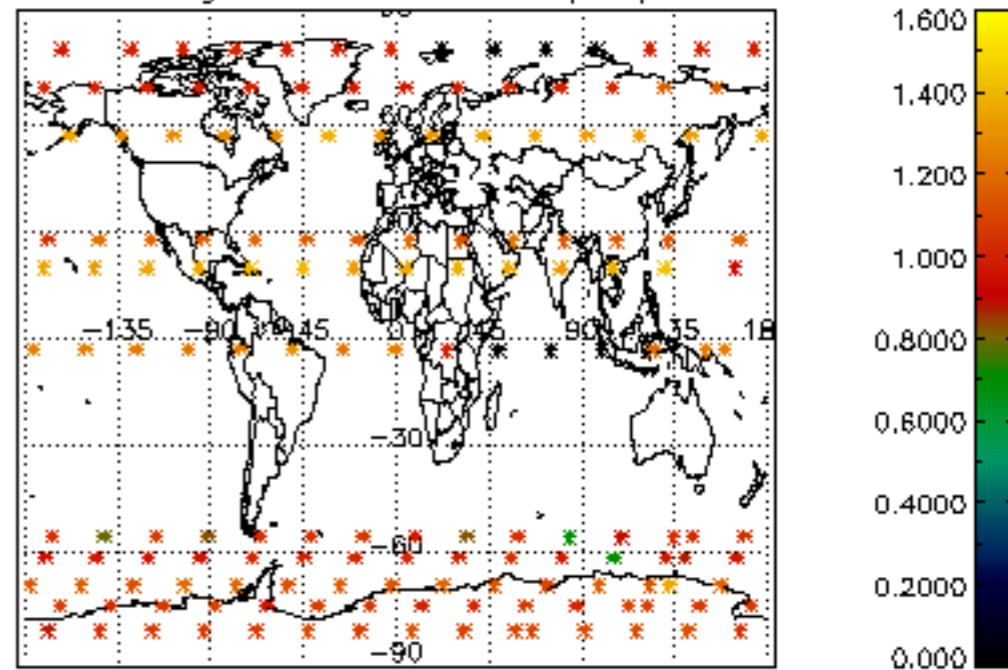
Percentage of saturation errors per profile



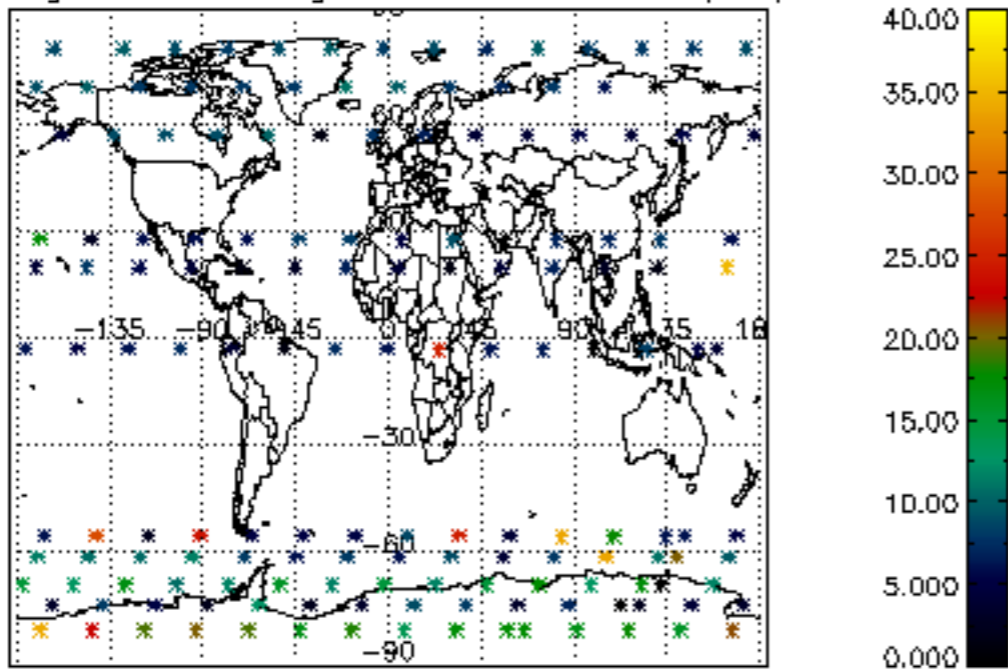
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

