

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	23APR2013 00:42:02
Data source version	GOMOS/6.01
Start time of products	17-08-2007 (17AUG2007 00:00:00)
Stop time of products	18-08-2007 (18AUG2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	248
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__2PRFIN20070817_001345_000000462060_00446_28556_8374.N1	17-AUG-2007 00:13:45	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28556	No
2	GOM_NL__2PRFIN20070817_001928_000000412060_00446_28556_8375.N1	17-AUG-2007 00:19:28	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	28556	No
3	GOM_NL__2PRFIN20070817_002302_000000402060_00446_28556_8376.N1	17-AUG-2007 00:23:02	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	28556	No
4	GOM_NL__2PRFIN20070817_002600_000000402060_00446_28556_8377.N1	17-AUG-2007 00:26:00	Straylight	40.000	172	Gam Gru	3.0030	13100.	80	28556	No
5	GOM_NL__2PRFIN20070817_004031_000000362060_00446_28556_8378.N1	17-AUG-2007 00:40:31	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28556	No
6	GOM_NL__2PRFIN20070817_004746_000000392060_00446_28556_8379.N1	17-AUG-2007 00:47:46	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	28556	No
7	GOM_NL__2PRFIN20070817_004922_000000382060_00446_28556_8380.N1	17-AUG-2007 00:49:22	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	28556	No
8	GOM_NL__2PRFIN20070817_005040_000000342060_00446_28556_8381.N1	17-AUG-2007 00:50:40	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	28556	No
9	GOM_NL__2PRFIN20070817_005620_000000382060_00446_28556_8382.N1	17-AUG-2007 00:56:20	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	28556	No
10	GOM_NL__2PRFIN20070817_010323_000000352060_00446_28556_8383.N1	17-AUG-2007 01:03:23	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	28556	No
11	GOM_NL__2PRFIN20070817_011626_000000382060_00446_28556_8384.N1	17-AUG-2007 01:16:26	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	28556	No
12	GOM_NL__2PRFIN20070817_011853_000000392060_00446_28556_8385.N1	17-AUG-2007 01:18:53	Bright	38.500	107	37The Aur	2.6490	11000.	77	28556	No
13	GOM_NL__2PRFIN20070817_012313_000000482060_00446_28556_8386.N1	17-AUG-2007 01:23:13	Twilight	47.500	151	13Mu Gem	2.8900	3000.0	95	28556	No
14	GOM_NL__2PRFIN20070817_012448_000000422060_00446_28556_8387.N1	17-AUG-2007 01:24:48	Twilight	41.500	44	24Gam Gem	1.9280	11000.	83	28556	No
15	GOM_NL__2PRFIN20070817_012820_000000492060_00446_28556_8388.N1	17-AUG-2007 01:28:20	Dark	49.000	14	58Alp Ori	0.87000	3000.0	98	28556	No
16	GOM_NL__2PRFIN20070817_013356_000000412060_00446_28556_8389.N1	17-AUG-2007 01:33:56	Dark	41.000	1	9Alp CMa	-1.4400	11000.	82	28556	No
17	GOM_NL__2PRFIN20070817_013624_000000462060_00446_28556_8390.N1	17-AUG-2007 01:36:24	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	28556	No
18	GOM_NL__2PRFIN20070817_015422_000000422060_00447_28557_8388.N1	17-AUG-2007 01:54:22	Dark	41.500	9	Alp Eri	0.45300	24000.	83	28557	No
19	GOM_NL__2PRFIN20070817_020004_000000372060_00447_28557_8389.N1	17-AUG-2007 02:00:04	Straylight	37.000	148	Alp Tuc	2.8780	4100.0	74	28557	No
20	GOM_NL__2PRFIN20070817_020338_000000402060_00447_28557_8390.N1	17-AUG-2007 02:03:38	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	28557	No
21	GOM_NL__2PRFIN20070817_020636_000000402060_00447_28557_8391.N1	17-AUG-2007 02:06:36	Straylight	39.500	172	Gam Gru	3.0030	13100.	79	28557	No
22	GOM_NL__2PRFIN20070817_022107_000000372060_00447_28557_8392.N1	17-AUG-2007 02:21:07	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	28557	No
23	GOM_NL__2PRFIN20070817_022822_000000372060_00447_28557_8393.N1	17-AUG-2007 02:28:22	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	28557	No
24	GOM_NL__2PRFIN20070817_022958_000000382060_00447_28557_8394.N1	17-AUG-2007 02:29:58	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	28557	No
25	GOM_NL__2PRFIN20070817_023116_000000362060_00447_28557_8395.N1	17-AUG-2007 02:31:16	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	28557	No
26	GOM_NL__2PRFIN20070817_023655_000000382060_00447_28557_8396.N1	17-AUG-2007 02:36:55	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	28557	No
27	GOM_NL__2PRFIN20070817_024359_000000332060_00447_28557_8397.N1	17-AUG-2007 02:43:59	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	28557	No
28	GOM_NL__2PRFIN20070817_025702_000000382060_00447_28557_8398.N1	17-AUG-2007 02:57:02	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	28557	No
29	GOM_NL__2PRFIN20070817_025929_000000392060_00447_28557_8399.N1	17-AUG-2007 02:59:29	Bright	39.000	107	37The Aur	2.6490	11000.	78	28557	No
30	GOM_NL__2PRFIN20070817_030349_000000452060_00447_28557_8400.N1	17-AUG-2007 03:03:49	Twilight	44.500	151	13Mu Gem	2.8900	3000.0	89	28557	No
31	GOM_NL__2PRFIN20070817_030524_000000392060_00447_28557_8401.N1	17-AUG-2007 03:05:24	Twilight	39.000	44	24Gam Gem	1.9280	11000.	78	28557	No
32	GOM_NL__2PRFIN20070817_030856_000000602060_00447_28557_8402.N1	17-AUG-2007 03:08:56	Dark	60.000	14	58Alp Ori	0.87000	3000.0	120	28557	No
33	GOM_NL__2PRFIN20070817_031432_000000352060_00447_28557_8403.N1	17-AUG-2007 03:14:32	Dark	34.500	1	9Alp CMa	-1.4400	11000.	69	28557	No
34	GOM_NL__2PRFIN20070817_031701_000000472060_00447_28557_8404.N1	17-AUG-2007 03:17:01	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	28557	No
35	GOM_NL__2PRFIN20070817_033458_000000472060_00448_28558_8422.N1	17-AUG-2007 03:34:58	Dark	47.000	9	Alp Eri	0.45300	24000.	94	28558	No
36	GOM_NL__2PRFIN20070817_034041_000000392060_00448_28558_8423.N1	17-AUG-2007 03:40:41	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	28558	No
37	GOM_NL__2PRFIN20070817_034415_000000412060_00448_28558_8424.N1	17-AUG-2007 03:44:15	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	28558	No
38	GOM_NL__2PRFIN20070817_034713_000000412060_00448_28558_8425.N1	17-AUG-2007 03:47:13	Straylight	41.000	172	Gam Gru	3.0030	13100.	82	28558	No
39	GOM_NL__2PRFIN20070817_040143_000000382060_00448_28558_8426.N1	17-AUG-2007 04:01:43	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	28558	No
40	GOM_NL__2PRFIN20070817_040858_000000382060_00448_28558_8427.N1	17-AUG-2007 04:08:58	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	28558	No
41	GOM_NL__2PRFIN20070817_041034_000000372060_00448_28558_8428.N1	17-AUG-2007 04:10:34	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	28558	No
42	GOM_NL__2PRFIN20070817_041152_000000342060_00448_28558_8429.N1	17-AUG-2007 04:11:52	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	28558	No

43	GOM_NL__2PRFIN20070817_041731_000000382060_00448_28558_8430.N1	17-AUG-2007 04:17:31	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	28558	No
44	GOM_NL__2PRFIN20070817_042435_000000362060_00448_28558_8431.N1	17-AUG-2007 04:24:35	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28558	No
45	GOM_NL__2PRFIN20070817_043738_000000442060_00448_28558_8432.N1	17-AUG-2007 04:37:38	Bright	44.000	42	34Bet Aur	1.9000	10200.	88	28558	No
46	GOM_NL__2PRFIN20070817_044005_000000582060_00448_28558_8433.N1	17-AUG-2007 04:40:05	Bright	58.000	107	37The Aur	2.6490	11000.	116	28558	No
47	GOM_NL__2PRFIN20070817_044425_000000472060_00448_28558_8434.N1	17-AUG-2007 04:44:25	Tw_i_and_stray	46.500	151	13Mu Gem	2.8900	3000.0	93	28558	No
48	GOM_NL__2PRFIN20070817_044601_000000432060_00448_28558_8435.N1	17-AUG-2007 04:46:01	Tw_i_and_stray	42.500	44	24Gam Gem	1.9280	11000.	85	28558	No
49	GOM_NL__2PRFIN20070817_044932_000000562060_00448_28558_8436.N1	17-AUG-2007 04:49:32	Dark	55.500	14	58Alp Ori	0.87000	3000.0	111	28558	No
50	GOM_NL__2PRFIN20070817_045509_000000372060_00448_28558_8437.N1	17-AUG-2007 04:55:09	Dark	36.500	1	9Alp CMa	-1.4400	11000.	73	28558	No
51	GOM_NL__2PRFIN20070817_045738_000000472060_00448_28558_8438.N1	17-AUG-2007 04:57:38	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	28558	No
52	GOM_NL__2PRFIN20070817_045917_000000382060_00448_28558_8439.N1	17-AUG-2007 04:59:17	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	28558	No
53	GOM_NL__2PRFIN20070817_051535_000000472060_00449_28559_8432.N1	17-AUG-2007 05:15:35	Dark	46.500	9	Alp Eri	0.45300	24000.	93	28559	No
54	GOM_NL__2PRFIN20070817_052117_000000382060_00449_28559_8433.N1	17-AUG-2007 05:21:17	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	28559	No
55	GOM_NL__2PRFIN20070817_052451_000000422060_00449_28559_8434.N1	17-AUG-2007 05:24:51	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	28559	No
56	GOM_NL__2PRFIN20070817_052749_000000412060_00449_28559_8435.N1	17-AUG-2007 05:27:49	Straylight	40.500	172	Gam Gru	3.0030	13100.	81	28559	No
57	GOM_NL__2PRFIN20070817_054219_000000382060_00449_28559_8436.N1	17-AUG-2007 05:42:19	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	28559	No
58	GOM_NL__2PRFIN20070817_054934_000000402060_00449_28559_8437.N1	17-AUG-2007 05:49:34	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	28559	No
59	GOM_NL__2PRFIN20070817_055110_000000382060_00449_28559_8438.N1	17-AUG-2007 05:51:10	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	28559	No
60	GOM_NL__2PRFIN20070817_055228_000000372060_00449_28559_8439.N1	17-AUG-2007 05:52:28	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	28559	No
61	GOM_NL__2PRFIN20070817_055807_000000382060_00449_28559_8440.N1	17-AUG-2007 05:58:07	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	28559	No
62	GOM_NL__2PRFIN20070817_060511_000000352060_00449_28559_8441.N1	17-AUG-2007 06:05:11	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28559	No
63	GOM_NL__2PRFIN20070817_061814_000000442060_00449_28559_8442.N1	17-AUG-2007 06:18:14	Bright	44.000	42	34Bet Aur	1.9000	10200.	88	28559	No
64	GOM_NL__2PRFIN20070817_062041_000000392060_00449_28559_8443.N1	17-AUG-2007 06:20:41	Bright	39.000	107	37The Aur	2.6490	11000.	78	28559	No
65	GOM_NL__2PRFIN20070817_062502_000000412060_00449_28559_8444.N1	17-AUG-2007 06:25:02	Tw_i_and_stray	41.000	151	13Mu Gem	2.8900	3000.0	82	28559	No
66	GOM_NL__2PRFIN20070817_062637_000000422060_00449_28559_8445.N1	17-AUG-2007 06:26:37	Tw_i_and_stray	42.000	44	24Gam Gem	1.9280	11000.	84	28559	No
67	GOM_NL__2PRFIN20070817_063009_000000412060_00449_28559_8446.N1	17-AUG-2007 06:30:09	Dark	41.000	14	58Alp Ori	0.87000	3000.0	82	28559	No
68	GOM_NL__2PRFIN20070817_063545_000000422060_00449_28559_8447.N1	17-AUG-2007 06:35:45	Dark	42.000	1	9Alp CMa	-1.4400	11000.	84	28559	No
69	GOM_NL__2PRFIN20070817_063814_000000472060_00449_28559_8448.N1	17-AUG-2007 06:38:14	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	28559	No
70	GOM_NL__2PRFIN20070817_063953_000000382060_00449_28559_8449.N1	17-AUG-2007 06:39:53	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	28559	No
71	GOM_NL__2PRFIN20070817_065612_000000502060_00450_28560_8453.N1	17-AUG-2007 06:56:12	Dark	50.000	9	Alp Eri	0.45300	24000.	100	28560	No
72	GOM_NL__2PRFIN20070817_070153_000000472060_00450_28560_8454.N1	17-AUG-2007 07:01:53	Straylight	47.000	148	Alp Tuc	2.8780	4100.0	94	28560	No
73	GOM_NL__2PRFIN20070817_070527_000000402060_00450_28560_8455.N1	17-AUG-2007 07:05:27	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	28560	No
74	GOM_NL__2PRFIN20070817_070825_000000412060_00450_28560_8456.N1	17-AUG-2007 07:08:25	Straylight	41.000	172	Gam Gru	3.0030	13100.	82	28560	No
75	GOM_NL__2PRFIN20070817_072255_000000382060_00450_28560_8457.N1	17-AUG-2007 07:22:55	Bright	38.000	11	53Alp Aql	0.76500	8000.0	76	28560	No
76	GOM_NL__2PRFIN20070817_073010_000000392060_00450_28560_8458.N1	17-AUG-2007 07:30:10	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	28560	No
77	GOM_NL__2PRFIN20070817_073146_000000362060_00450_28560_8459.N1	17-AUG-2007 07:31:46	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	28560	No
78	GOM_NL__2PRFIN20070817_073304_000000352060_00450_28560_8460.N1	17-AUG-2007 07:33:04	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	28560	No
79	GOM_NL__2PRFIN20070817_073843_000000382060_00450_28560_8461.N1	17-AUG-2007 07:38:43	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	28560	No
80	GOM_NL__2PRFIN20070817_074547_000000352060_00450_28560_8462.N1	17-AUG-2007 07:45:47	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	28560	No
81	GOM_NL__2PRFIN20070817_075850_000000412060_00450_28560_8463.N1	17-AUG-2007 07:58:50	Bright	41.000	42	34Bet Aur	1.9000	10200.	82	28560	No
82	GOM_NL__2PRFIN20070817_080117_000000392060_00450_28560_8464.N1	17-AUG-2007 08:01:17	Bright	38.500	107	37The Aur	2.6490	11000.	77	28560	No
83	GOM_NL__2PRFIN20070817_080538_000000402060_00450_28560_8465.N1	17-AUG-2007 08:05:38	Tw_i_and_stray	39.500	151	13Mu Gem	2.8900	3000.0	79	28560	No
84	GOM_NL__2PRFIN20070817_080713_000000422060_00450_28560_8466.N1	17-AUG-2007 08:07:13	Tw_i_and_stray	41.500	44	24Gam Gem	1.9280	11000.	83	28560	No
85	GOM_NL__2PRFIN20070817_081045_000000412060_00450_28560_8467.N1	17-AUG-2007 08:10:45	Dark	40.500	14	58Alp Ori	0.87000	3000.0	81	28560	No
86	GOM_NL__2PRFIN20070817_081622_000000482060_00450_28560_8468.N1	17-AUG-2007 08:16:22	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	28560	No
87	GOM_NL__2PRFIN20070817_081851_000000452060_00450_28560_8469.N1	17-AUG-2007 08:18:51	Dark	45.000	101	11Alp Lep	2.5820	7000.0	90	28560	No
88	GOM_NL__2PRFIN20070817_082030_000000402060_00450_28560_8470.N1	17-AUG-2007 08:20:30	Dark	40.000	177	1Zet CMa	3.0220	26000.	80	28560	No
89	GOM_NL__2PRFIN20070817_083648_000000462060_00451_28561_8463.N1	17-AUG-2007 08:36:48	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28561	No
90	GOM_NL__2PRFIN20070817_084230_000000402060_00451_28561_8464.N1	17-AUG-2007 08:42:30	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28561	No
91	GOM_NL__2PRFIN20070817_084604_000000432060_00451_28561_8465.N1	17-AUG-2007 08:46:04	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	28561	No
92	GOM_NL__2PRFIN20070817_084901_000000402060_00451_28561_8466.N1	17-AUG-2007 08:49:01	Straylight	40.000	172	Gam Gru	3.0030	13100.	80	28561	No
93	GOM_NL__2PRFIN20070817_090331_000000362060_00451_28561_8467.N1	17-AUG-2007 09:03:31	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28561	No
94	GOM_NL__2PRFIN20070817_091045_000000382060_00451_28561_8468.N1	17-AUG-2007 09:10:45	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	28561	No
95	GOM_NL__2PRFIN20070817_091222_000000352060_00451_28561_8469.N1	17-AUG-2007 09:12:22	Bright	35.000	66	37Gam Cyg	2.2080	5900.0	70	28561	No
96	GOM_NL__2PRFIN20070817_091340_000000352060_00451_28561_8470.N1	17-AUG-2007 09:13:40	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	28561	No
97	GOM_NL__2PRFIN20070817_091918_000000372060_00451_28561_8471.N1	17-AUG-2007 09:19:18	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28561	No
98	GOM_NL__2PRFIN20070817_092623_000000362060_00451_28561_8472.N1	17-AUG-2007 09:26:23	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28561	No
99	GOM_NL__2PRFIN20070817_093926_000000432060_00451_28561_8473.N1	17-AUG-2007 09:39:26	Bright	43.000	42	34Bet Aur	1.9000	10200.	86	28561	No
100	GOM_NL__2PRFIN20070817_094153_000000402060_00451_28561_8474.N1	17-AUG-2007 09:41:53	Bright	39.500	107	37The Aur	2.6490	11000.	79	28561	No
101	GOM_NL__2PRFIN20070817_094614_000000372060_00451_28561_8475.N1	17-AUG-2007 09:46:14	Tw_i_and_stray	36.500	151	13Mu Gem	2.8900	3000.0	73	28561	No

102	GOM_NL__2PRFIN20070817_094749_000000352060_00451_28561_8476.N1	17-AUG-2007 09:47:49	Twilight	35.000	44	24Gam Gem	1.9280	11000.	70	28561	No
103	GOM_NL__2PRFIN20070817_095122_000000482060_00451_28561_8477.N1	17-AUG-2007 09:51:22	Dark	48.000	14	58Alp Ori	0.87000	3000.0	96	28561	No
104	GOM_NL__2PRFIN20070817_095658_000000482060_00451_28561_8478.N1	17-AUG-2007 09:56:58	Dark	47.500	1	9Alp CMA	-1.4400	11000.	95	28561	No
105	GOM_NL__2PRFIN20070817_095927_000000472060_00451_28561_8479.N1	17-AUG-2007 09:59:27	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	28561	No
106	GOM_NL__2PRFIN20070817_100106_000000392060_00451_28561_8480.N1	17-AUG-2007 10:01:06	Dark	39.000	177	1Zet CMA	3.0220	26000.	78	28561	No
107	GOM_NL__2PRFIN20070817_101725_000000472060_00452_28562_8475.N1	17-AUG-2007 10:17:25	Dark	47.000	9	Alp Eri	0.45300	24000.	94	28562	No
108	GOM_NL__2PRFIN20070817_102306_000000402060_00452_28562_8476.N1	17-AUG-2007 10:23:06	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28562	No
109	GOM_NL__2PRFIN20070817_102640_000000422060_00452_28562_8477.N1	17-AUG-2007 10:26:40	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	28562	No
110	GOM_NL__2PRFIN20070817_102938_000000422060_00452_28562_8478.N1	17-AUG-2007 10:29:38	Straylight	41.500	172	Gam Gru	3.0030	13100.	83	28562	No
111	GOM_NL__2PRFIN20070817_104407_000000362060_00452_28562_8479.N1	17-AUG-2007 10:44:07	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28562	No
112	GOM_NL__2PRFIN20070817_105121_000000372060_00452_28562_8480.N1	17-AUG-2007 10:51:21	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	28562	No
113	GOM_NL__2PRFIN20070817_105257_000000372060_00452_28562_8481.N1	17-AUG-2007 10:52:57	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28562	No
114	GOM_NL__2PRFIN20070817_105416_000000362060_00452_28562_8482.N1	17-AUG-2007 10:54:16	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	28562	No
115	GOM_NL__2PRFIN20070817_105954_000000382060_00452_28562_8483.N1	17-AUG-2007 10:59:54	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	28562	No
116	GOM_NL__2PRFIN20070817_110658_000000362060_00452_28562_8484.N1	17-AUG-2007 11:06:58	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28562	No
117	GOM_NL__2PRFIN20070817_112001_000000472060_00452_28562_8485.N1	17-AUG-2007 11:20:01	Bright	47.000	42	34Bet Aur	1.9000	10200.	94	28562	No
118	GOM_NL__2PRFIN20070817_112229_000000582060_00452_28562_8486.N1	17-AUG-2007 11:22:29	Bright	58.000	107	37The Aur	2.6490	11000.	116	28562	No
119	GOM_NL__2PRFIN20070817_112650_000000422060_00452_28562_8487.N1	17-AUG-2007 11:26:50	Twilight	41.500	151	13Mu Gem	2.8900	3000.0	83	28562	No
120	GOM_NL__2PRFIN20070817_112825_000000362060_00452_28562_8488.N1	17-AUG-2007 11:28:25	Twilight	36.000	44	24Gam Gem	1.9280	11000.	72	28562	No
121	GOM_NL__2PRFIN20070817_113158_000000582060_00452_28562_8489.N1	17-AUG-2007 11:31:58	Dark	57.500	14	58Alp Ori	0.87000	3000.0	115	28562	No
122	GOM_NL__2PRFIN20070817_113734_000000482060_00452_28562_8490.N1	17-AUG-2007 11:37:34	Dark	48.000	1	9Alp CMA	-1.4400	11000.	96	28562	No
123	GOM_NL__2PRFIN20070817_114004_000000482060_00452_28562_8491.N1	17-AUG-2007 11:40:04	Dark	47.500	101	11Alp Lep	2.5820	7000.0	95	28562	No
124	GOM_NL__2PRFIN20070817_114142_000000382060_00452_28562_8492.N1	17-AUG-2007 11:41:42	Dark	38.000	177	1Zet CMA	3.0220	26000.	76	28562	No
125	GOM_NL__2PRFIN20070817_115801_000000462060_00453_28563_8494.N1	17-AUG-2007 11:58:01	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28563	No
126	GOM_NL__2PRFIN20070817_120342_000000412060_00453_28563_8495.N1	17-AUG-2007 12:03:42	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	28563	No
127	GOM_NL__2PRFIN20070817_120716_000000442060_00453_28563_8496.N1	17-AUG-2007 12:07:16	Straylight	43.500	31	Alp Gru	1.7340	15200.	87	28563	No
128	GOM_NL__2PRFIN20070817_121014_000000402060_00453_28563_8497.N1	17-AUG-2007 12:10:14	Straylight	39.500	172	Gam Gru	3.0030	13100.	79	28563	No
129	GOM_NL__2PRFIN20070817_122443_000000372060_00453_28563_8498.N1	17-AUG-2007 12:24:43	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	28563	No
130	GOM_NL__2PRFIN20070817_123157_000000372060_00453_28563_8499.N1	17-AUG-2007 12:31:57	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	28563	No
131	GOM_NL__2PRFIN20070817_123333_000000382060_00453_28563_8500.N1	17-AUG-2007 12:33:33	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	28563	No
132	GOM_NL__2PRFIN20070817_123452_000000362060_00453_28563_8501.N1	17-AUG-2007 12:34:52	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	28563	No
133	GOM_NL__2PRFIN20070817_124029_000000382060_00453_28563_8502.N1	17-AUG-2007 12:40:29	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	28563	No
134	GOM_NL__2PRFIN20070817_124734_000000362060_00453_28563_8503.N1	17-AUG-2007 12:47:34	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28563	No
135	GOM_NL__2PRFIN20070817_130037_000000392060_00453_28563_8504.N1	17-AUG-2007 13:00:37	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	28563	No
136	GOM_NL__2PRFIN20070817_130305_000000582060_00453_28563_8505.N1	17-AUG-2007 13:03:05	Bright	58.000	107	37The Aur	2.6490	11000.	116	28563	No
137	GOM_NL__2PRFIN20070817_130726_000000532060_00453_28563_8506.N1	17-AUG-2007 13:07:26	Twilight	52.500	151	13Mu Gem	2.8900	3000.0	105	28563	No
138	GOM_NL__2PRFIN20070817_130902_000000392060_00453_28563_8507.N1	17-AUG-2007 13:09:02	Twilight	38.500	44	24Gam Gem	1.9280	11000.	77	28563	No
139	GOM_NL__2PRFIN20070817_131234_000000602060_00453_28563_8508.N1	17-AUG-2007 13:12:34	Dark	60.000	14	58Alp Ori	0.87000	3000.0	120	28563	No
140	GOM_NL__2PRFIN20070817_131810_000000432060_00453_28563_8509.N1	17-AUG-2007 13:18:10	Dark	43.000	1	9Alp CMA	-1.4400	11000.	86	28563	No
141	GOM_NL__2PRFIN20070817_132041_000000442060_00453_28563_8510.N1	17-AUG-2007 13:20:41	Dark	43.500	101	11Alp Lep	2.5820	7000.0	87	28563	No
142	GOM_NL__2PRFIN20070817_132219_000000392060_00453_28563_8511.N1	17-AUG-2007 13:22:19	Dark	38.500	177	1Zet CMA	3.0220	26000.	77	28563	No
143	GOM_NL__2PRFIN20070817_133838_000000442060_00454_28564_8509.N1	17-AUG-2007 13:38:38	Dark	44.000	9	Alp Eri	0.45300	24000.	88	28564	No
144	GOM_NL__2PRFIN20070817_134418_000000402060_00454_28564_8510.N1	17-AUG-2007 13:44:18	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28564	No
145	GOM_NL__2PRFIN20070817_134752_000000422060_00454_28564_8511.N1	17-AUG-2007 13:47:52	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	28564	No
146	GOM_NL__2PRFIN20070817_135050_000000402060_00454_28564_8512.N1	17-AUG-2007 13:50:50	Straylight	39.500	172	Gam Gru	3.0030	13100.	79	28564	No
147	GOM_NL__2PRFIN20070817_140519_000000352060_00454_28564_8513.N1	17-AUG-2007 14:05:19	Bright	34.500	11	53Alp Aql	0.76500	8000.0	69	28564	No
148	GOM_NL__2PRFIN20070817_141233_000000362060_00454_28564_8514.N1	17-AUG-2007 14:12:33	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	28564	No
149	GOM_NL__2PRFIN20070817_141409_000000372060_00454_28564_8515.N1	17-AUG-2007 14:14:09	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28564	No
150	GOM_NL__2PRFIN20070817_141528_000000332060_00454_28564_8516.N1	17-AUG-2007 14:15:28	Bright	33.000	144	18Del Cyg	2.8600	11000.	66	28564	No
151	GOM_NL__2PRFIN20070817_142105_000000362060_00454_28564_8517.N1	17-AUG-2007 14:21:05	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	28564	No
152	GOM_NL__2PRFIN20070817_142810_000000352060_00454_28564_8518.N1	17-AUG-2007 14:28:10	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28564	No
153	GOM_NL__2PRFIN20070817_144113_000000462060_00454_28564_8519.N1	17-AUG-2007 14:41:13	Bright	45.500	42	34Bet Aur	1.9000	10200.	91	28564	No
154	GOM_NL__2PRFIN20070817_144341_000000382060_00454_28564_8520.N1	17-AUG-2007 14:43:41	Bright	37.500	107	37The Aur	2.6490	11000.	75	28564	No
155	GOM_NL__2PRFIN20070817_144802_000000482060_00454_28564_8521.N1	17-AUG-2007 14:48:02	Twilight	47.500	151	13Mu Gem	2.8900	3000.0	95	28564	No
156	GOM_NL__2PRFIN20070817_144938_000000432060_00454_28564_8522.N1	17-AUG-2007 14:49:38	Twilight	43.000	44	24Gam Gem	1.9280	11000.	86	28564	No
157	GOM_NL__2PRFIN20070817_145311_000000522060_00454_28564_8523.N1	17-AUG-2007 14:53:11	Dark	52.000	14	58Alp Ori	0.87000	3000.0	104	28564	No
158	GOM_NL__2PRFIN20070817_145846_000000452060_00454_28564_8524.N1	17-AUG-2007 14:58:46	Dark	45.000	1	9Alp CMA	-1.4400	11000.	90	28564	No
159	GOM_NL__2PRFIN20070817_150117_000000462060_00454_28564_8525.N1	17-AUG-2007 15:01:17	Dark	46.000	101	11Alp Lep	2.5820	7000.0	92	28564	No
160	GOM_NL__2PRFIN20070817_150255_000000392060_00454_28564_8526.N1	17-AUG-2007 15:02:55	Dark	38.500	177	1Zet CMA	3.0220	26000.	77	28564	No

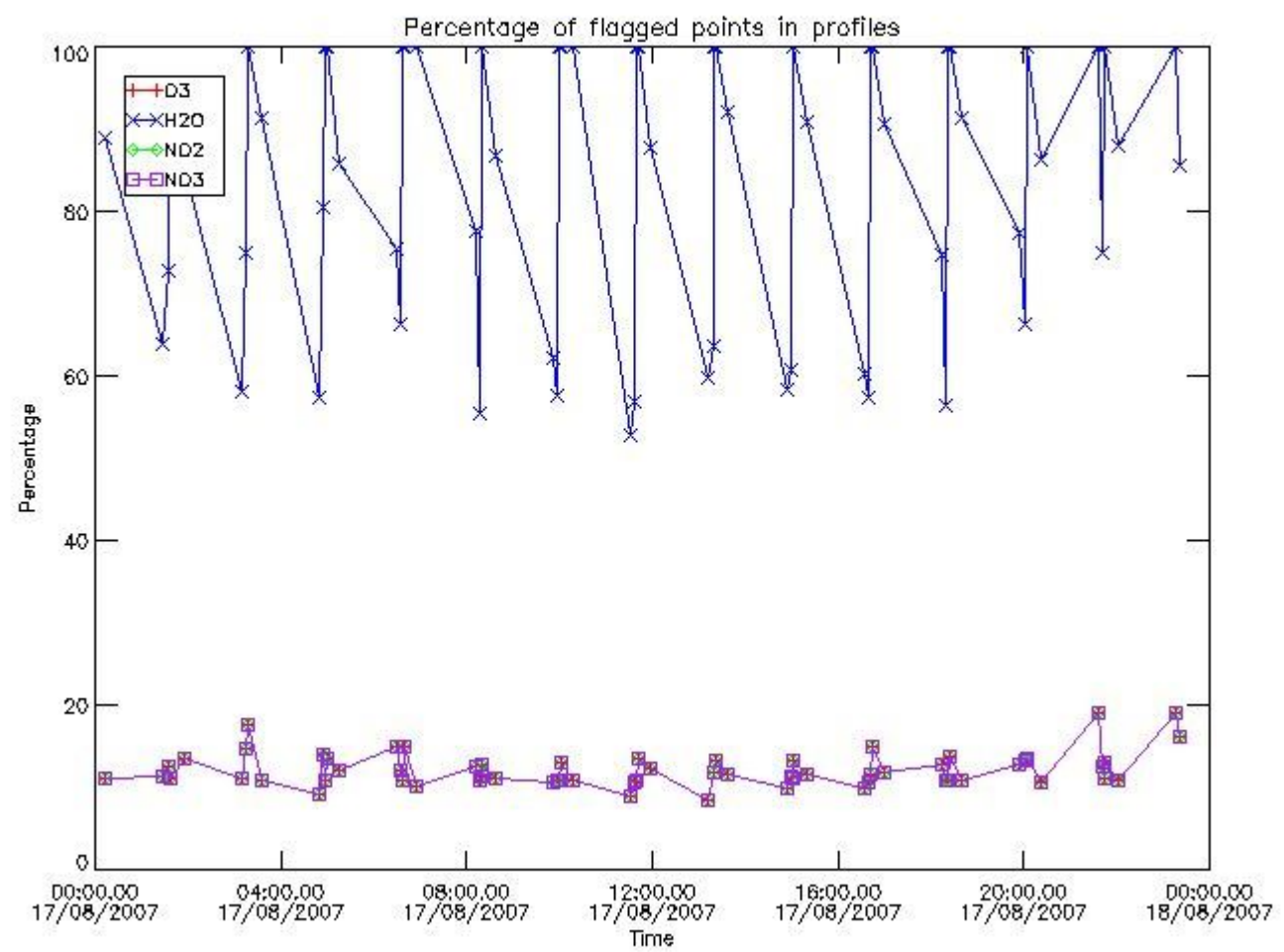
161	GOM_NL__2PRFIN20070817_151915_000000452060_00455_28565_8530.N1	17-AUG-2007 15:19:15	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28565	No
162	GOM_NL__2PRFIN20070817_152454_000000412060_00455_28565_8531.N1	17-AUG-2007 15:24:54	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	28565	No
163	GOM_NL__2PRFIN20070817_152829_000000412060_00455_28565_8532.N1	17-AUG-2007 15:28:29	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	28565	No
164	GOM_NL__2PRFIN20070817_153126_000000392060_00455_28565_8533.N1	17-AUG-2007 15:31:26	Straylight	38.500	172	Gam Gru	3.0030	13100.	77	28565	No
165	GOM_NL__2PRFIN20070817_154555_000000352060_00455_28565_8534.N1	17-AUG-2007 15:45:55	Bright	34.500	11	53Alp Aql	0.76500	8000.0	69	28565	No
166	GOM_NL__2PRFIN20070817_155308_000000382060_00455_28565_8535.N1	17-AUG-2007 15:53:08	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	28565	No
167	GOM_NL__2PRFIN20070817_155445_000000382060_00455_28565_8536.N1	17-AUG-2007 15:54:45	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	28565	No
168	GOM_NL__2PRFIN20070817_155604_000000352060_00455_28565_8537.N1	17-AUG-2007 15:56:04	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	28565	No
169	GOM_NL__2PRFIN20070817_160141_000000352060_00455_28565_8538.N1	17-AUG-2007 16:01:41	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	28565	No
170	GOM_NL__2PRFIN20070817_160846_000000372060_00455_28565_8539.N1	17-AUG-2007 16:08:46	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28565	No
171	GOM_NL__2PRFIN20070817_162149_000000372060_00455_28565_8540.N1	17-AUG-2007 16:21:49	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	28565	No
172	GOM_NL__2PRFIN20070817_162417_000000372060_00455_28565_8541.N1	17-AUG-2007 16:24:17	Bright	37.000	107	37The Aur	2.6490	11000.	74	28565	No
173	GOM_NL__2PRFIN20070817_162838_000000482060_00455_28565_8542.N1	17-AUG-2007 16:28:38	Tw_i_and_stray	48.000	151	13Mu Gem	2.8900	3000.0	96	28565	No
174	GOM_NL__2PRFIN20070817_163014_000000462060_00455_28565_8543.N1	17-AUG-2007 16:30:14	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	28565	No
175	GOM_NL__2PRFIN20070817_163347_000000522060_00455_28565_8544.N1	17-AUG-2007 16:33:47	Dark	52.000	14	58Alp Ori	0.87000	3000.0	104	28565	No
176	GOM_NL__2PRFIN20070817_163923_000000492060_00455_28565_8545.N1	17-AUG-2007 16:39:23	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	28565	No
177	GOM_NL__2PRFIN20070817_164154_000000442060_00455_28565_8546.N1	17-AUG-2007 16:41:54	Dark	44.000	101	11Alp Lep	2.5820	7000.0	88	28565	No
178	GOM_NL__2PRFIN20070817_164331_000000382060_00455_28565_8547.N1	17-AUG-2007 16:43:31	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	28565	No
179	GOM_NL__2PRFIN20070817_165951_000000432060_00456_28566_8542.N1	17-AUG-2007 16:59:51	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28566	No
180	GOM_NL__2PRFIN20070817_170531_000000382060_00456_28566_8543.N1	17-AUG-2007 17:05:31	Straylight	38.000	148	Alp Tuc	2.8780	4100.0	76	28566	No
181	GOM_NL__2PRFIN20070817_170905_000000412060_00456_28566_8544.N1	17-AUG-2007 17:09:05	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	28566	No
182	GOM_NL__2PRFIN20070817_171203_000000412060_00456_28566_8545.N1	17-AUG-2007 17:12:03	Straylight	40.500	172	Gam Gru	3.0030	13100.	81	28566	No
183	GOM_NL__2PRFIN20070817_172631_000000392060_00456_28566_8546.N1	17-AUG-2007 17:26:31	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	28566	No
184	GOM_NL__2PRFIN20070817_173344_000000382060_00456_28566_8547.N1	17-AUG-2007 17:33:44	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	28566	No
185	GOM_NL__2PRFIN20070817_173521_000000372060_00456_28566_8548.N1	17-AUG-2007 17:35:21	Bright	37.000	66	37Gam Cyg	2.2080	5900.0	74	28566	No
186	GOM_NL__2PRFIN20070817_173640_000000342060_00456_28566_8549.N1	17-AUG-2007 17:36:40	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	28566	No
187	GOM_NL__2PRFIN20070817_174216_000000392060_00456_28566_8550.N1	17-AUG-2007 17:42:16	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	28566	No
188	GOM_NL__2PRFIN20070817_174922_000000362060_00456_28566_8551.N1	17-AUG-2007 17:49:22	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28566	No
189	GOM_NL__2PRFIN20070817_180225_000000382060_00456_28566_8552.N1	17-AUG-2007 18:02:25	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	28566	No
190	GOM_NL__2PRFIN20070817_180453_000000382060_00456_28566_8553.N1	17-AUG-2007 18:04:53	Bright	37.500	107	37The Aur	2.6490	11000.	75	28566	No
191	GOM_NL__2PRFIN20070817_180914_000000532060_00456_28566_8554.N1	17-AUG-2007 18:09:14	Tw_i_and_stray	52.500	151	13Mu Gem	2.8900	3000.0	105	28566	No
192	GOM_NL__2PRFIN20070817_181050_000000432060_00456_28566_8555.N1	17-AUG-2007 18:10:50	Tw_i_and_stray	43.000	44	24Gam Gem	1.9280	11000.	86	28566	No
193	GOM_NL__2PRFIN20070817_181423_000000402060_00456_28566_8556.N1	17-AUG-2007 18:14:23	Dark	40.000	14	58Alp Ori	0.87000	3000.0	80	28566	No
194	GOM_NL__2PRFIN20070817_181959_000000482060_00456_28566_8557.N1	17-AUG-2007 18:19:59	Dark	47.500	1	9Alp CMa	-1.4400	11000.	95	28566	No
195	GOM_NL__2PRFIN20070817_182231_000000482060_00456_28566_8558.N1	17-AUG-2007 18:22:31	Dark	47.500	101	11Alp Lep	2.5820	7000.0	95	28566	No
196	GOM_NL__2PRFIN20070817_182408_000000372060_00456_28566_8559.N1	17-AUG-2007 18:24:08	Dark	37.000	177	1Zet CMa	3.0220	26000.	74	28566	No
197	GOM_NL__2PRFIN20070817_184028_000000472060_00457_28567_8552.N1	17-AUG-2007 18:40:28	Dark	46.500	9	Alp Eri	0.45300	24000.	93	28567	No
198	GOM_NL__2PRFIN20070817_184607_000000392060_00457_28567_8553.N1	17-AUG-2007 18:46:07	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	28567	No
199	GOM_NL__2PRFIN20070817_184941_000000412060_00457_28567_8554.N1	17-AUG-2007 18:49:41	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	28567	No
200	GOM_NL__2PRFIN20070817_185239_000000412060_00457_28567_8555.N1	17-AUG-2007 18:52:39	Straylight	41.000	172	Gam Gru	3.0030	13100.	82	28567	No
201	GOM_NL__2PRFIN20070817_190707_000000372060_00457_28567_8556.N1	17-AUG-2007 19:07:07	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	28567	No
202	GOM_NL__2PRFIN20070817_191420_000000382060_00457_28567_8557.N1	17-AUG-2007 19:14:20	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	28567	No
203	GOM_NL__2PRFIN20070817_191557_000000362060_00457_28567_8558.N1	17-AUG-2007 19:15:57	Bright	36.000	66	37Gam Cyg	2.2080	5900.0	72	28567	No
204	GOM_NL__2PRFIN20070817_191716_000000362060_00457_28567_8559.N1	17-AUG-2007 19:17:16	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	28567	No
205	GOM_NL__2PRFIN20070817_192252_000000402060_00457_28567_8560.N1	17-AUG-2007 19:22:52	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	28567	No
206	GOM_NL__2PRFIN20070817_192958_000000382060_00457_28567_8561.N1	17-AUG-2007 19:29:58	Bright	37.500	49	1Alp UMi	1.9900	6300.0	75	28567	No
207	GOM_NL__2PRFIN20070817_194301_000000392060_00457_28567_8562.N1	17-AUG-2007 19:43:01	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	28567	No
208	GOM_NL__2PRFIN20070817_194529_000000382060_00457_28567_8563.N1	17-AUG-2007 19:45:29	Bright	37.500	107	37The Aur	2.6490	11000.	75	28567	No
209	GOM_NL__2PRFIN20070817_194951_000000472060_00457_28567_8564.N1	17-AUG-2007 19:49:51	Tw_i_and_stray	46.500	151	13Mu Gem	2.8900	3000.0	93	28567	No
210	GOM_NL__2PRFIN20070817_195127_000000442060_00457_28567_8565.N1	17-AUG-2007 19:51:27	Tw_i_and_stray	44.000	44	24Gam Gem	1.9280	11000.	88	28567	No
211	GOM_NL__2PRFIN20070817_195500_000000402060_00457_28567_8566.N1	17-AUG-2007 19:55:00	Dark	40.000	14	58Alp Ori	0.87000	3000.0	80	28567	No
212	GOM_NL__2PRFIN20070817_200035_000000422060_00457_28567_8567.N1	17-AUG-2007 20:00:35	Dark	42.000	1	9Alp CMa	-1.4400	11000.	84	28567	No
213	GOM_NL__2PRFIN20070817_200307_000000432060_00457_28567_8568.N1	17-AUG-2007 20:03:07	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	28567	No
214	GOM_NL__2PRFIN20070817_200444_000000382060_00457_28567_8569.N1	17-AUG-2007 20:04:44	Dark	38.000	177	1Zet CMa	3.0220	26000.	76	28567	No
215	GOM_NL__2PRFIN20070817_202105_000000482060_00458_28568_8582.N1	17-AUG-2007 20:21:05	Dark	48.000	9	Alp Eri	0.45300	24000.	96	28568	No
216	GOM_NL__2PRFIN20070817_202643_000000392060_00458_28568_8583.N1	17-AUG-2007 20:26:43	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	28568	No
217	GOM_NL__2PRFIN20070817_203018_000000412060_00458_28568_8584.N1	17-AUG-2007 20:30:18	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	28568	No
218	GOM_NL__2PRFIN20070817_203315_000000402060_00458_28568_8585.N1	17-AUG-2007 20:33:15	Straylight	40.000	172	Gam Gru	3.0030	13100.	80	28568	No
219	GOM_NL__2PRFIN20070817_204744_000000372060_00458_28568_8586.N1	17-AUG-2007 20:47:44	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	28568	No

220	GOM_NL__2PRFIN20070817_205455_000000372060_00458_28568_8587.N1	17-AUG-2007 20:54:55	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	28568	No
221	GOM_NL__2PRFIN20070817_205632_000000352060_00458_28568_8588.N1	17-AUG-2007 20:56:32	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	28568	No
222	GOM_NL__2PRFIN20070817_205752_000000342060_00458_28568_8589.N1	17-AUG-2007 20:57:52	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	28568	No
223	GOM_NL__2PRFIN20070817_210328_000000392060_00458_28568_8590.N1	17-AUG-2007 21:03:28	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	28568	No
224	GOM_NL__2PRFIN20070817_211034_000000362060_00458_28568_8591.N1	17-AUG-2007 21:10:34	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28568	No
225	GOM_NL__2PRFIN20070817_212337_000000482060_00458_28568_8592.N1	17-AUG-2007 21:23:37	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	28568	No
226	GOM_NL__2PRFIN20070817_212605_000000322060_00458_28568_8593.N1	17-AUG-2007 21:26:05	Bright	32.000	107	37The Aur	2.6490	11000.	64	28568	No
227	GOM_NL__2PRFIN20070817_213027_000000452060_00458_28568_8594.N1	17-AUG-2007 21:30:27	Twilight	45.000	151	13Mu Gem	2.8900	3000.0	90	28568	No
228	GOM_NL__2PRFIN20070817_213203_000000432060_00458_28568_8595.N1	17-AUG-2007 21:32:03	Twilight	43.000	44	24Gam Gem	1.9280	11000.	86	28568	No
229	GOM_NL__2PRFIN20070817_213536_000000272060_00458_28568_8596.N1	17-AUG-2007 21:35:36	Dark	27.000	14	58Alp Ori	0.87000	3000.0	54	28568	No
230	GOM_NL__2PRFIN20070817_214112_000000412060_00458_28568_8597.N1	17-AUG-2007 21:41:12	Dark	40.500	1	9Alp CMa	-1.4400	11000.	81	28568	No
231	GOM_NL__2PRFIN20070817_214344_000000462060_00458_28568_8598.N1	17-AUG-2007 21:43:44	Dark	46.000	101	11Alp Lep	2.5820	7000.0	92	28568	No
232	GOM_NL__2PRFIN20070817_214520_000000392060_00458_28568_8599.N1	17-AUG-2007 21:45:20	Dark	39.000	177	1Zet CMa	3.0220	26000.	78	28568	No
233	GOM_NL__2PRFIN20070817_220141_000000472060_00459_28569_8588.N1	17-AUG-2007 22:01:41	Dark	46.500	9	Alp Eri	0.45300	24000.	93	28569	No
234	GOM_NL__2PRFIN20070817_220720_000000392060_00459_28569_8589.N1	17-AUG-2007 22:07:20	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	28569	No
235	GOM_NL__2PRFIN20070817_221054_000000442060_00459_28569_8590.N1	17-AUG-2007 22:10:54	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	28569	No
236	GOM_NL__2PRFIN20070817_221351_000000392060_00459_28569_8591.N1	17-AUG-2007 22:13:51	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	28569	No
237	GOM_NL__2PRFIN20070817_222820_000000372060_00459_28569_8592.N1	17-AUG-2007 22:28:20	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	28569	No
238	GOM_NL__2PRFIN20070817_223531_000000382060_00459_28569_8593.N1	17-AUG-2007 22:35:31	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	28569	No
239	GOM_NL__2PRFIN20070817_223708_000000382060_00459_28569_8594.N1	17-AUG-2007 22:37:08	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	28569	No
240	GOM_NL__2PRFIN20070817_223828_000000342060_00459_28569_8595.N1	17-AUG-2007 22:38:28	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	28569	No
241	GOM_NL__2PRFIN20070817_224403_000000382060_00459_28569_8596.N1	17-AUG-2007 22:44:03	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	28569	No
242	GOM_NL__2PRFIN20070817_225110_000000362060_00459_28569_8597.N1	17-AUG-2007 22:51:10	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28569	No
243	GOM_NL__2PRFIN20070817_230413_000000532060_00459_28569_8598.N1	17-AUG-2007 23:04:13	Bright	52.500	42	34Bet Aur	1.9000	10200.	105	28569	No
244	GOM_NL__2PRFIN20070817_230641_000000322060_00459_28569_8599.N1	17-AUG-2007 23:06:41	Bright	32.000	107	37The Aur	2.6490	11000.	64	28569	No
245	GOM_NL__2PRFIN20070817_231103_000000452060_00459_28569_8600.N1	17-AUG-2007 23:11:03	Twilight	44.500	151	13Mu Gem	2.8900	3000.0	89	28569	No
246	GOM_NL__2PRFIN20070817_231239_000000442060_00459_28569_8601.N1	17-AUG-2007 23:12:39	Twilight	43.500	44	24Gam Gem	1.9280	11000.	87	28569	No
247	GOM_NL__2PRFIN20070817_231613_000000272060_00459_28569_8602.N1	17-AUG-2007 23:16:13	Dark	27.000	14	58Alp Ori	0.87000	3000.0	54	28569	No
248	GOM_NL__2PRFIN20070817_232148_000000312060_00459_28569_8603.N1	17-AUG-2007 23:21:48	Dark	31.000	1	9Alp CMa	-1.4400	11000.	62	28569	No

3. Quality information per product

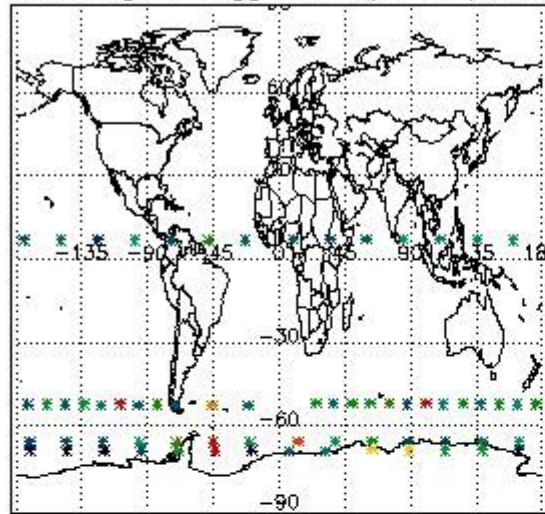
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

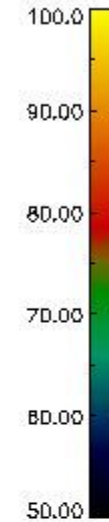
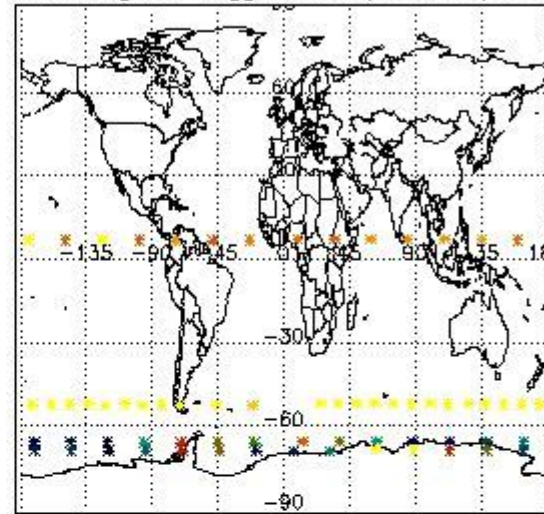


3.2 Plot quality information per product (world map)

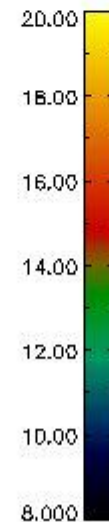
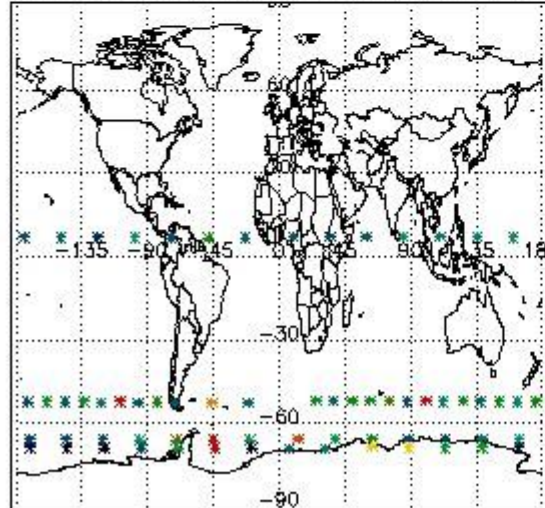
Percentage of flagged data per O3 profile



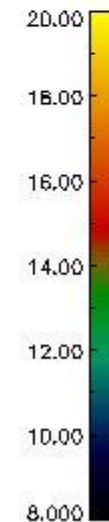
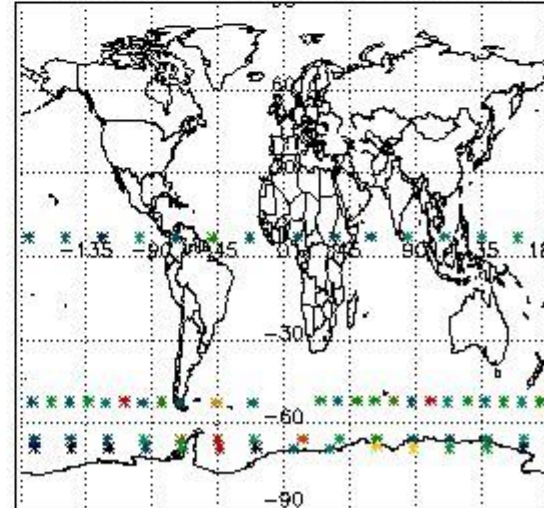
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

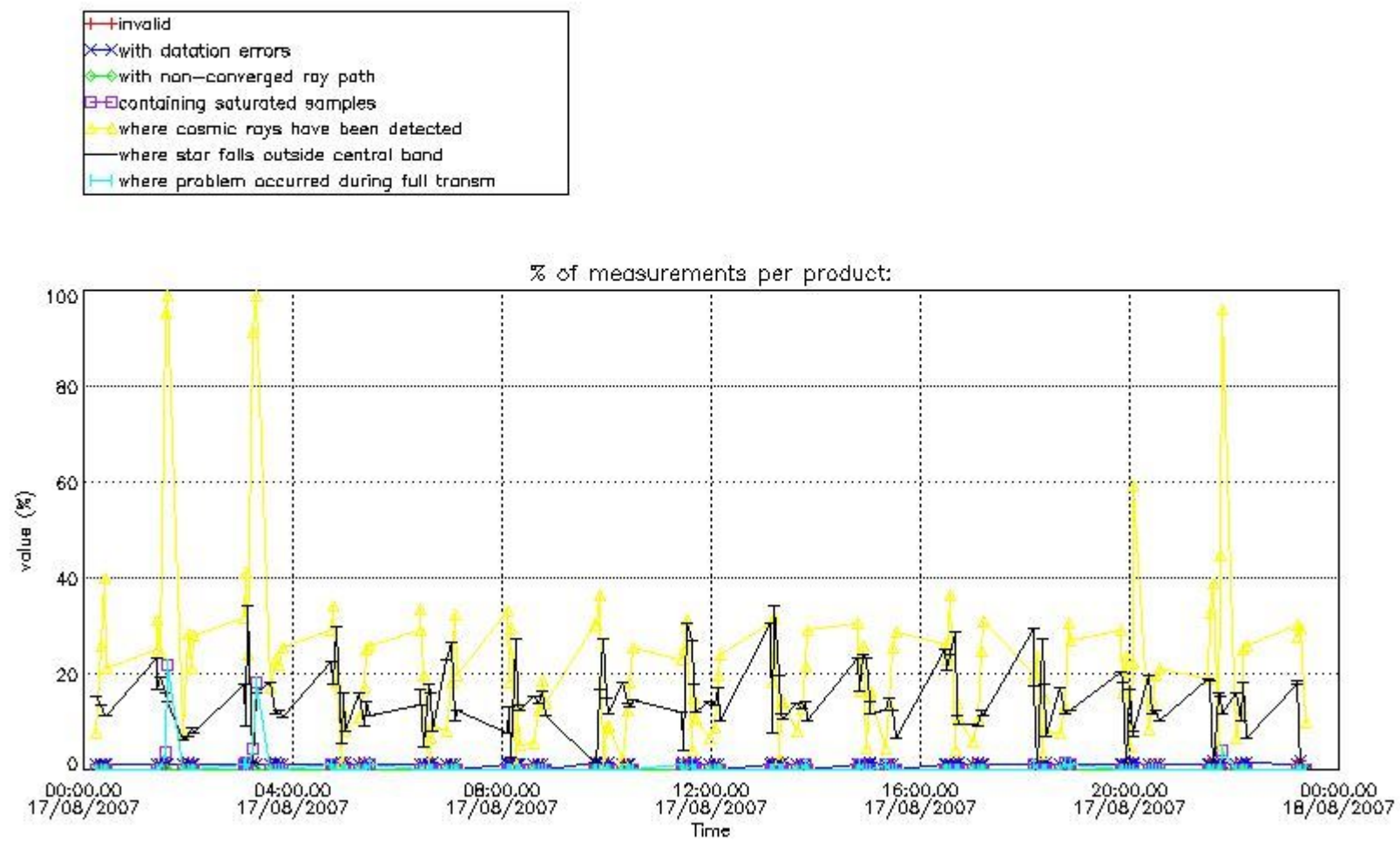


4. Level 1 quality information per product

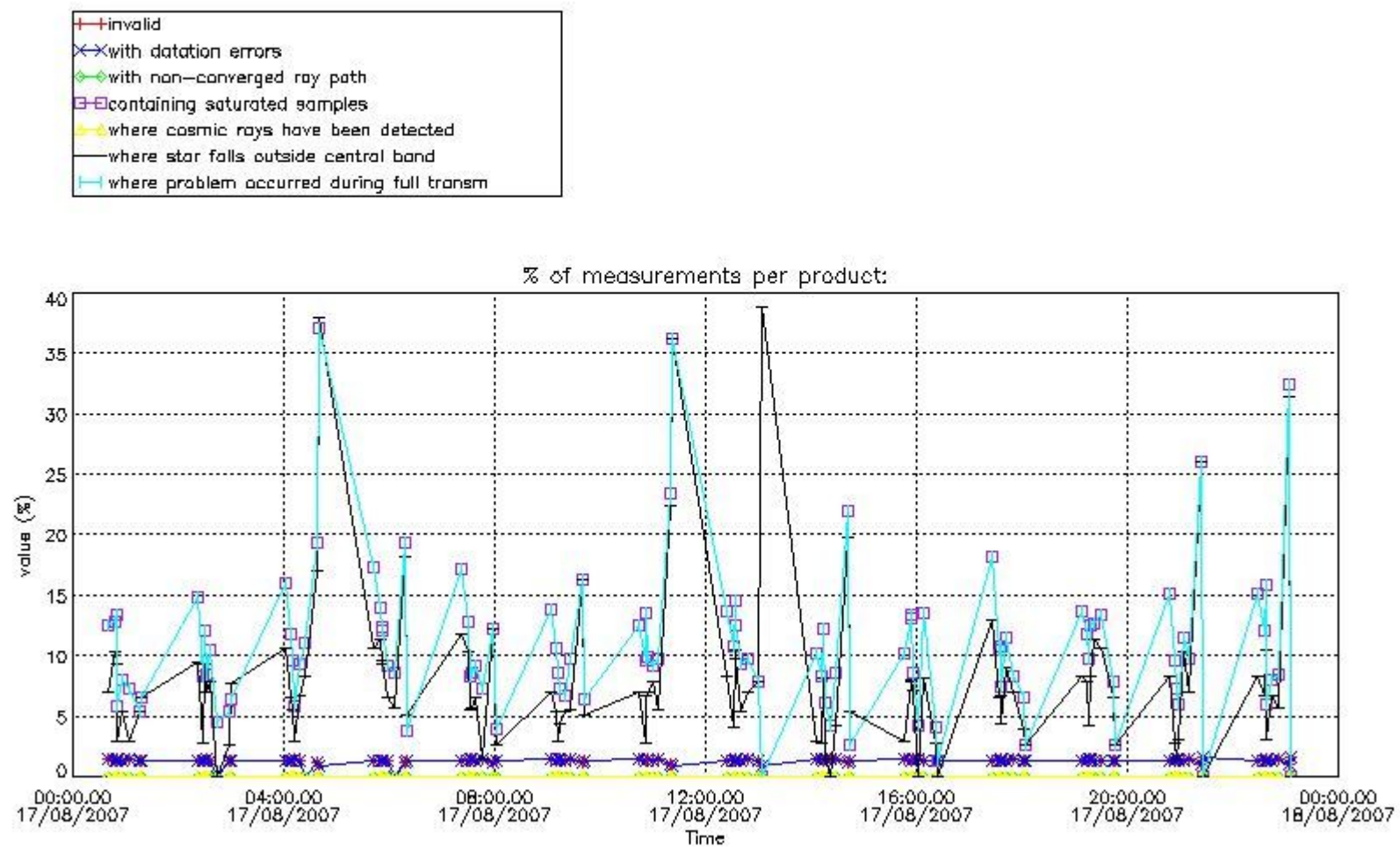
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



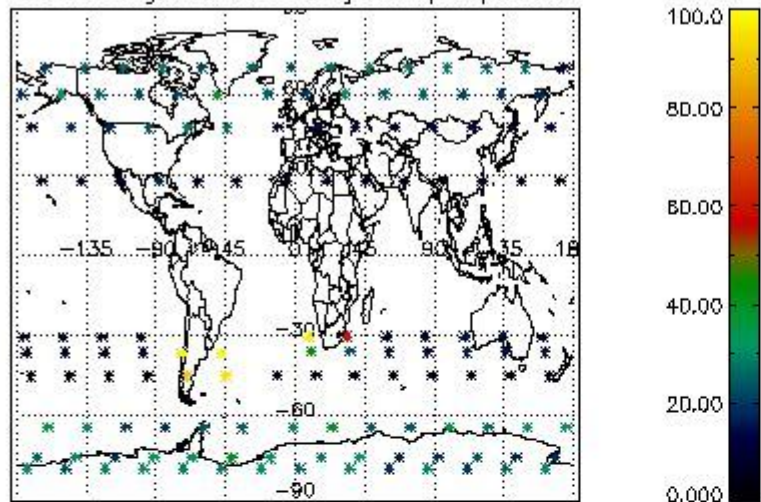
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



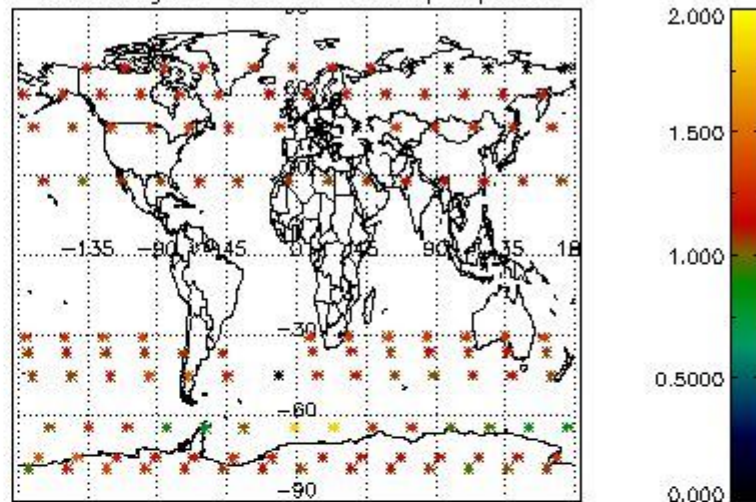
4.2 Plot quality information per product coming from level 1b processing (world map)

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

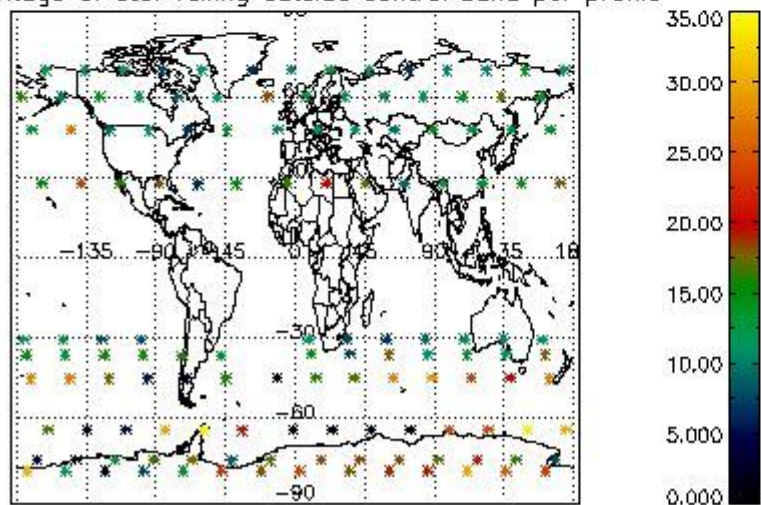
Percentage of cosmic ray hits per profile



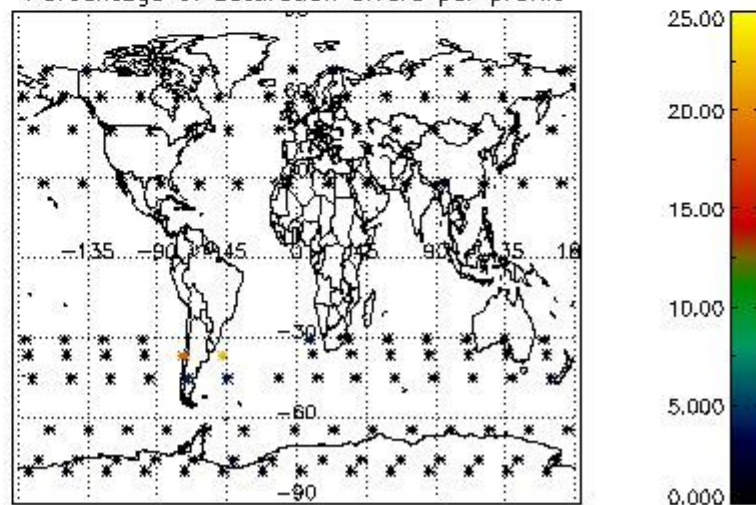
Percentage of datation errors per profile



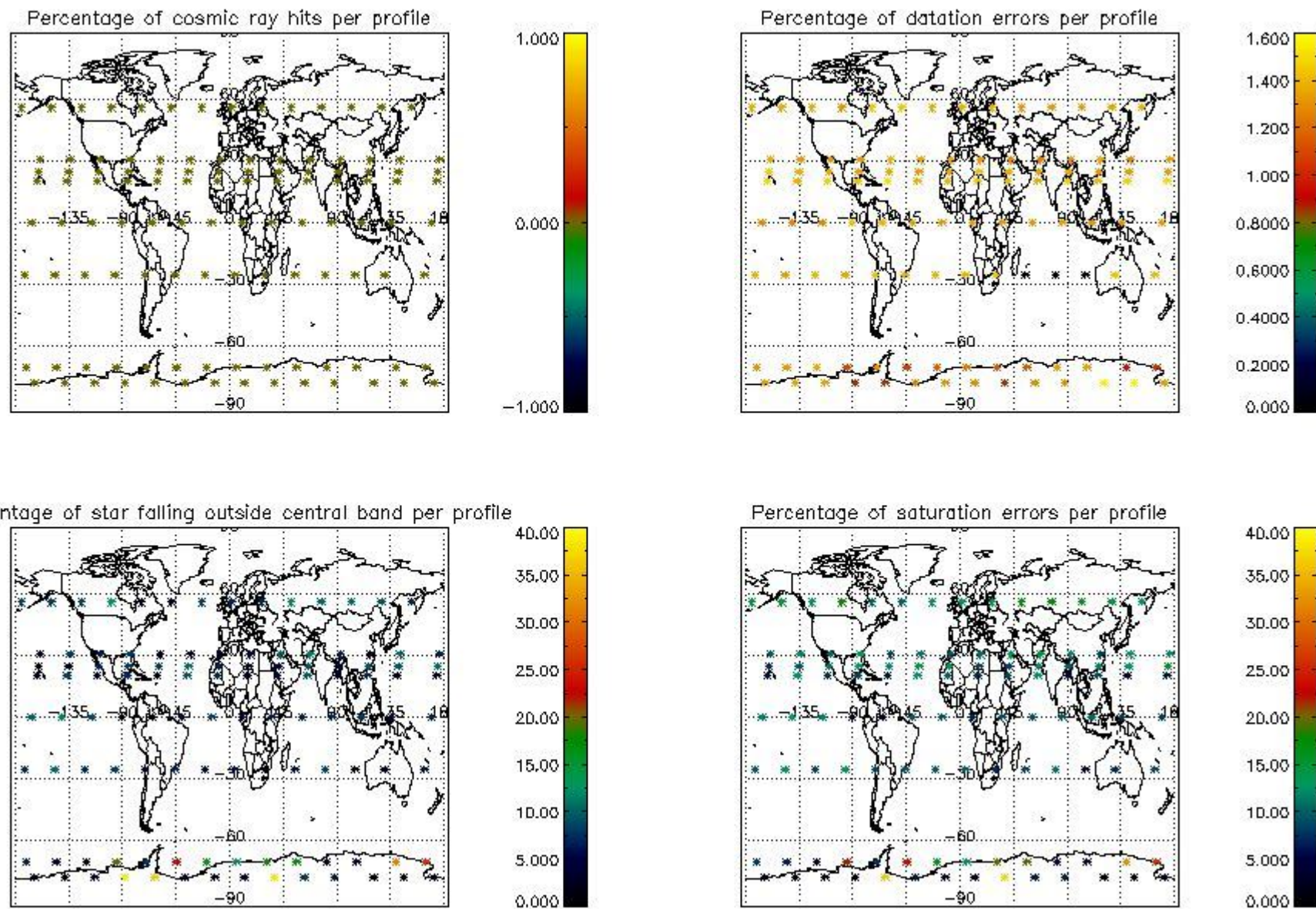
Percentage of star falling outside central band per profile



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

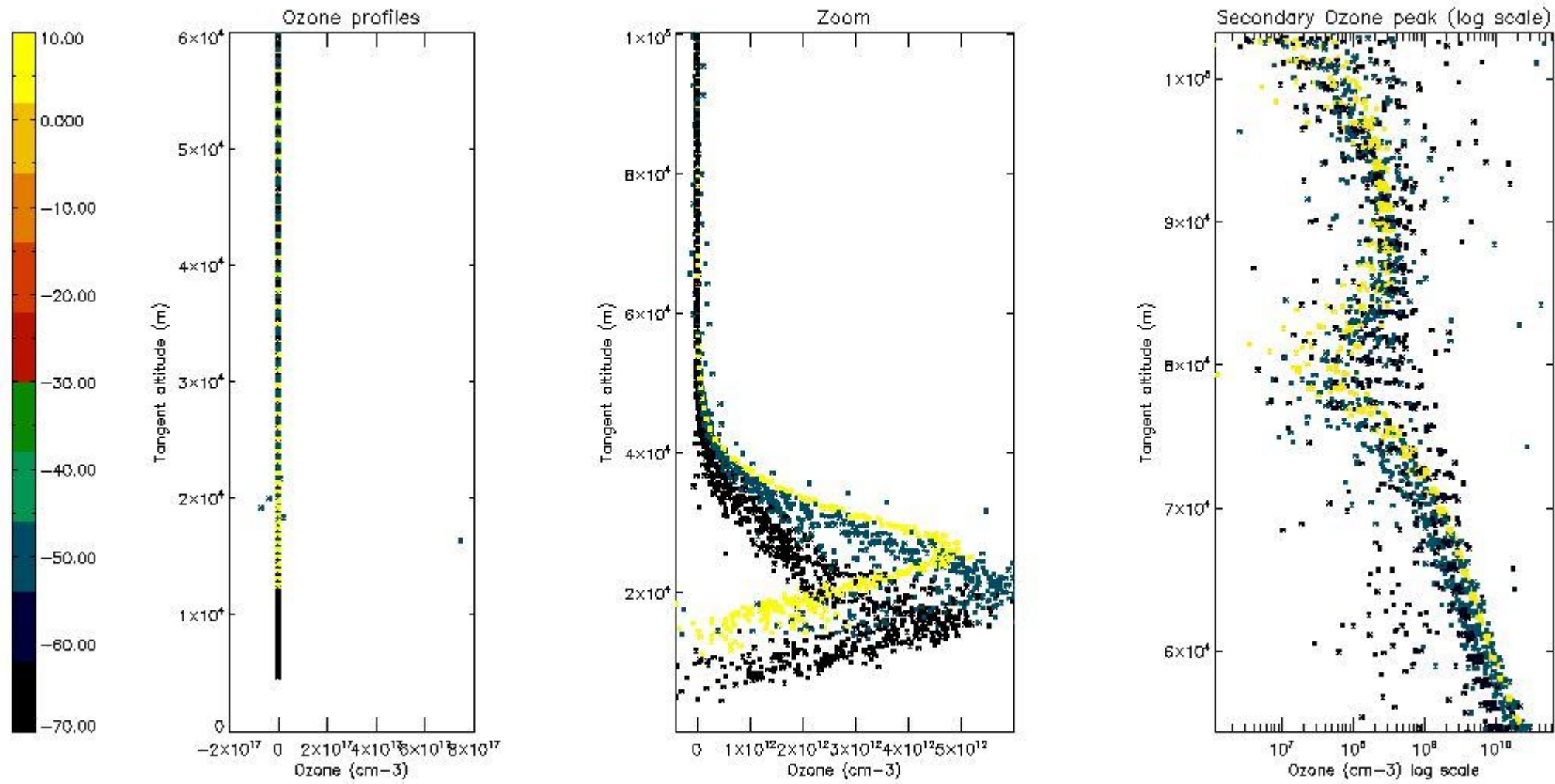
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	17

STD < 10	13
STD < 5	10

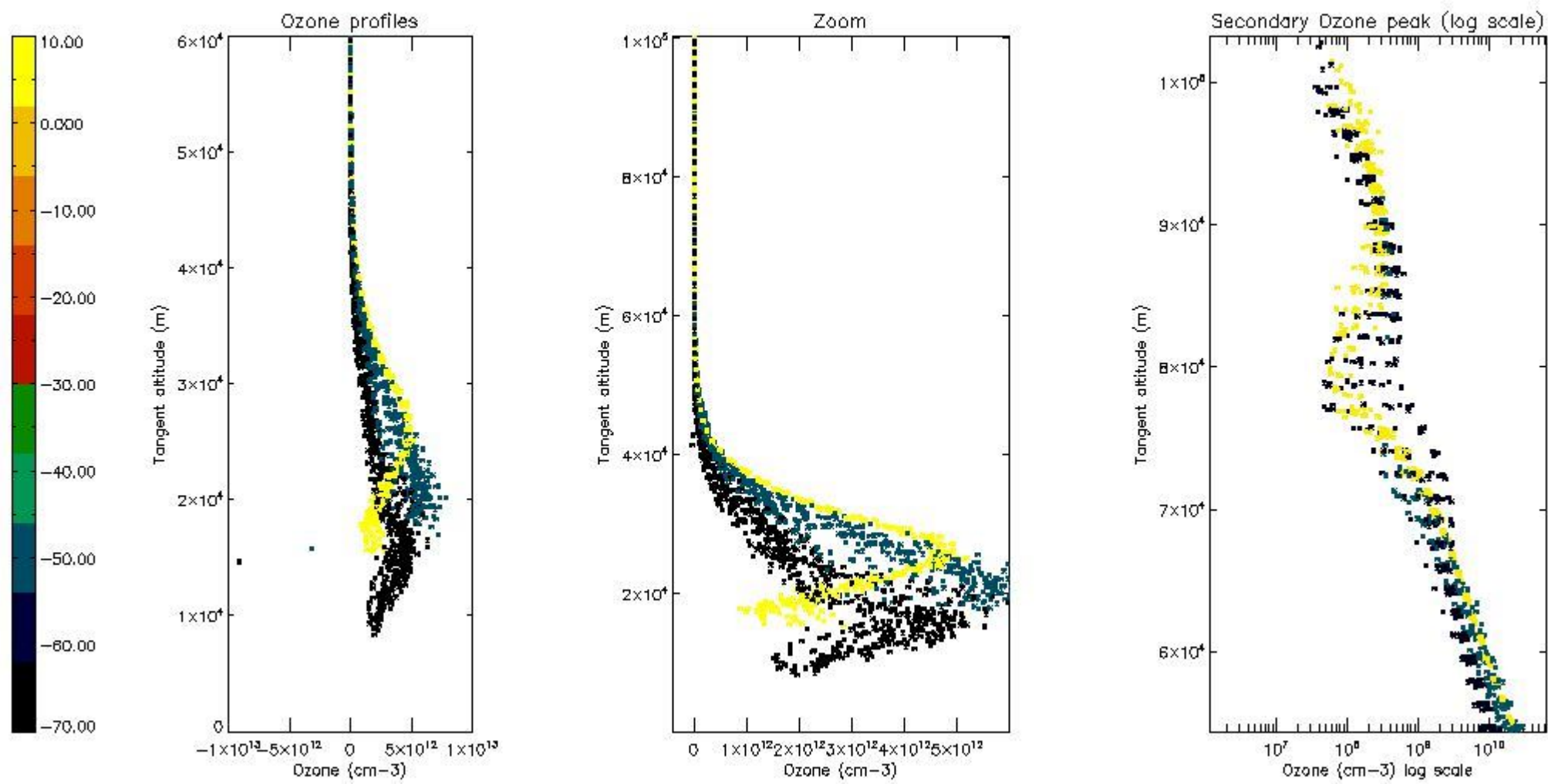
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



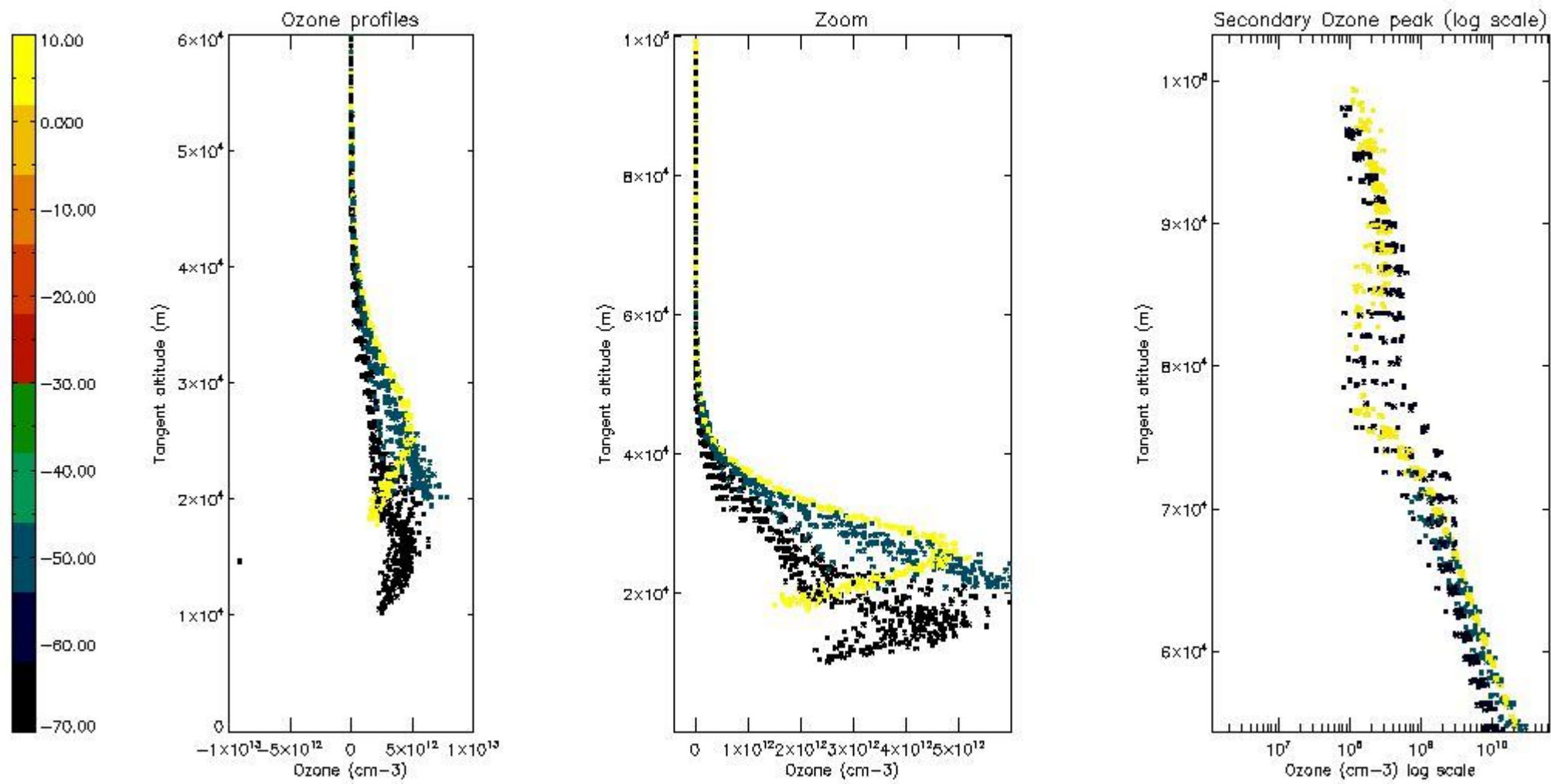
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



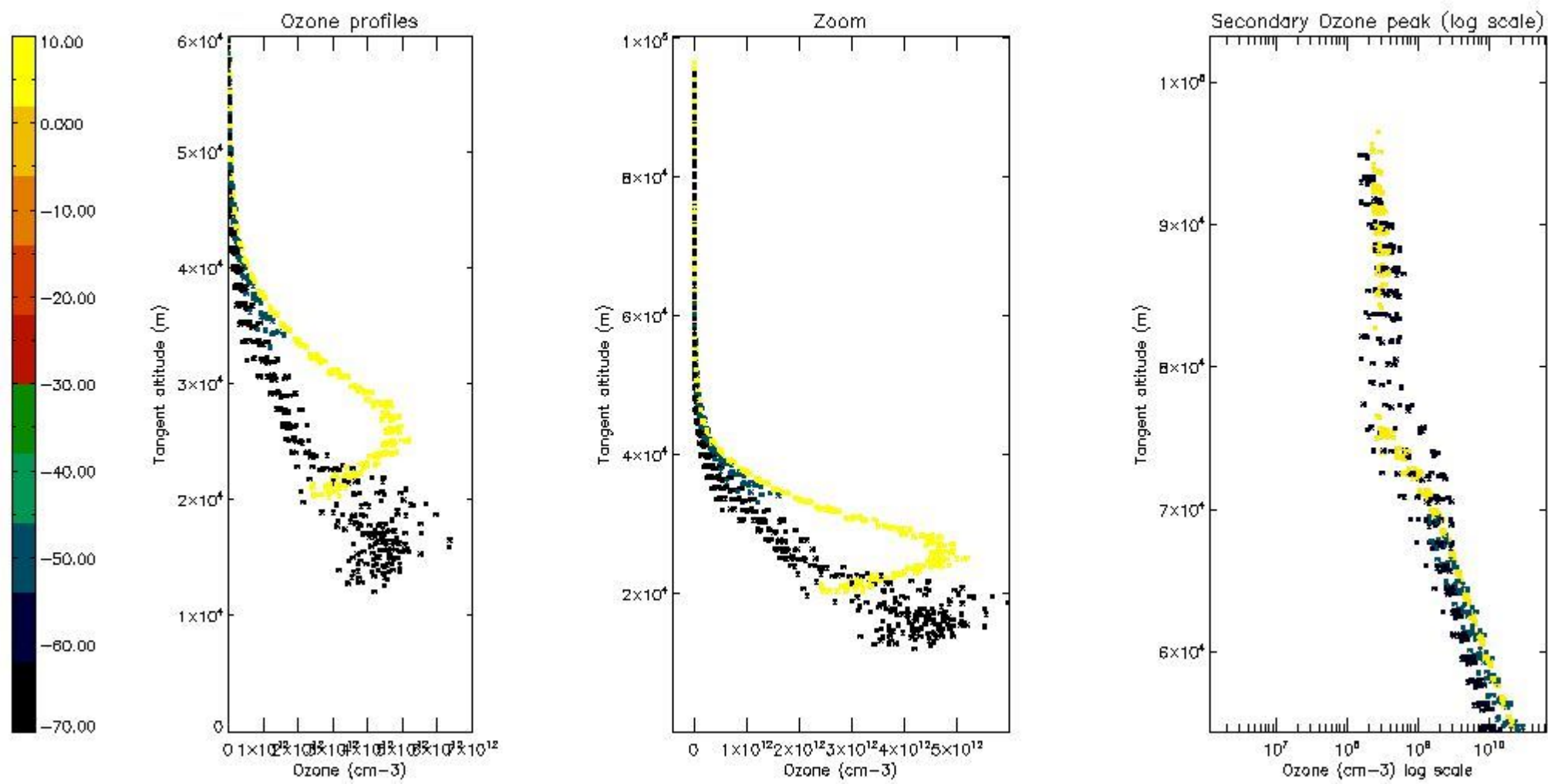
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



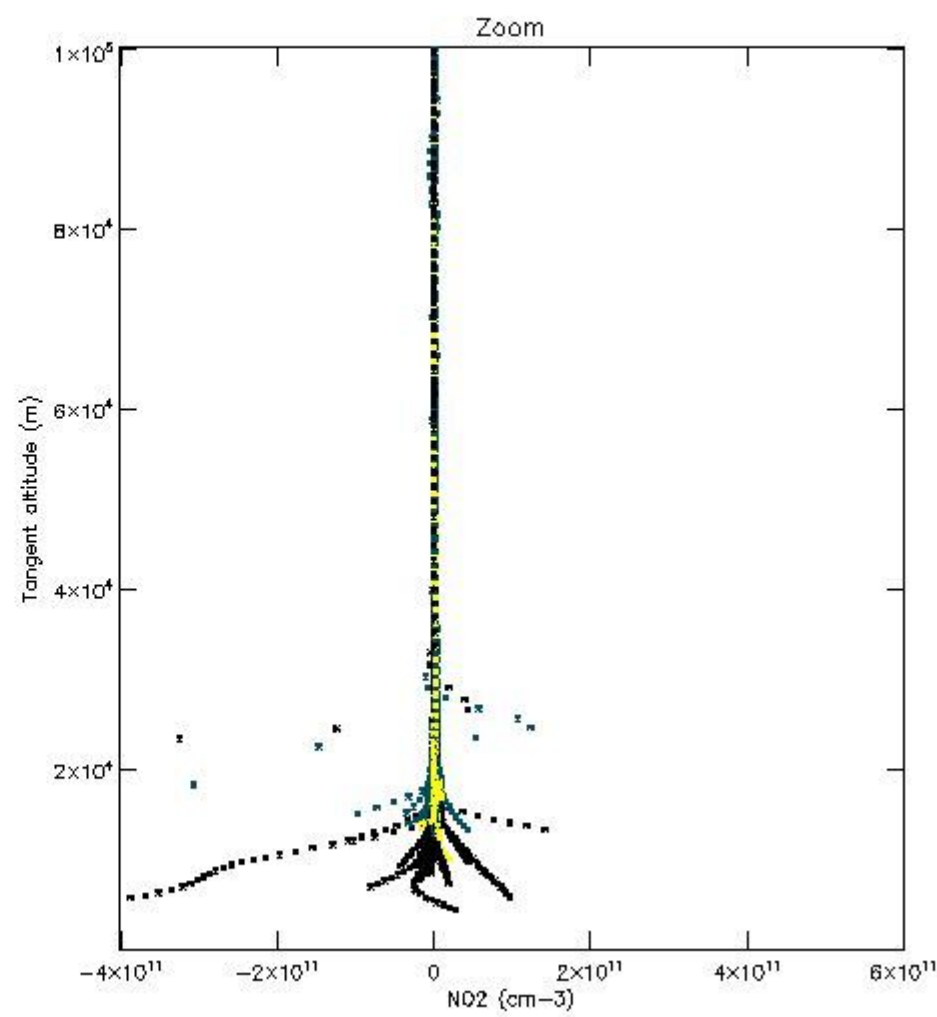
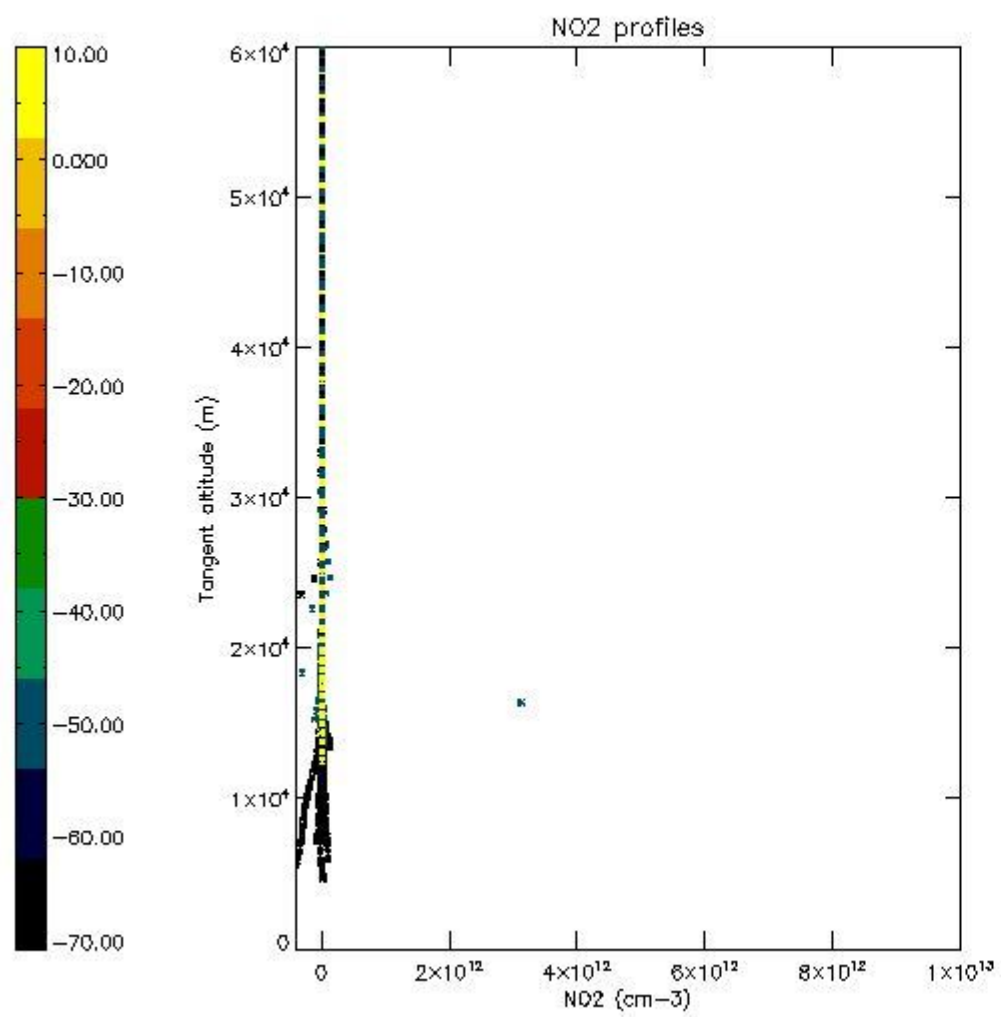
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



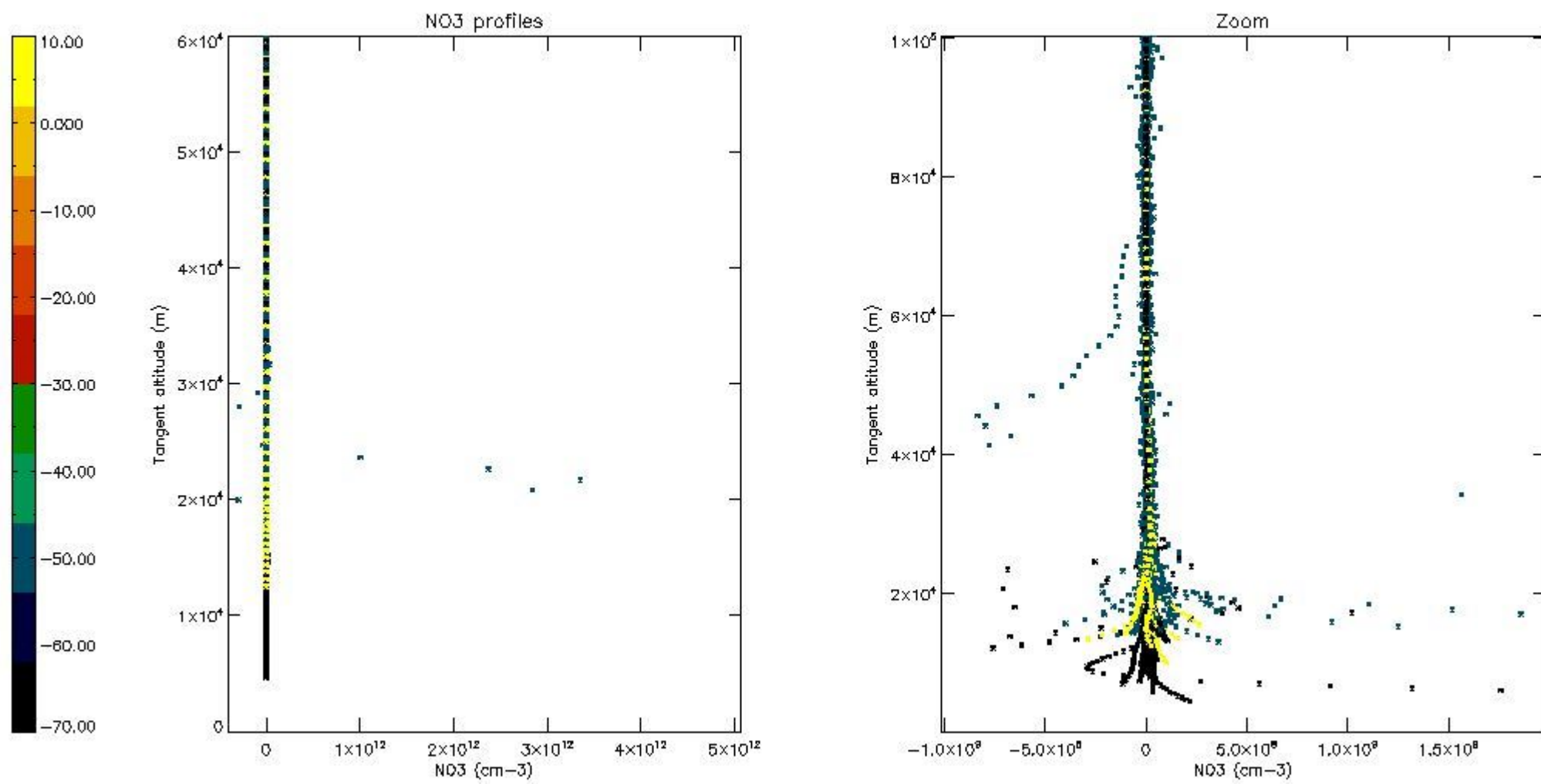
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



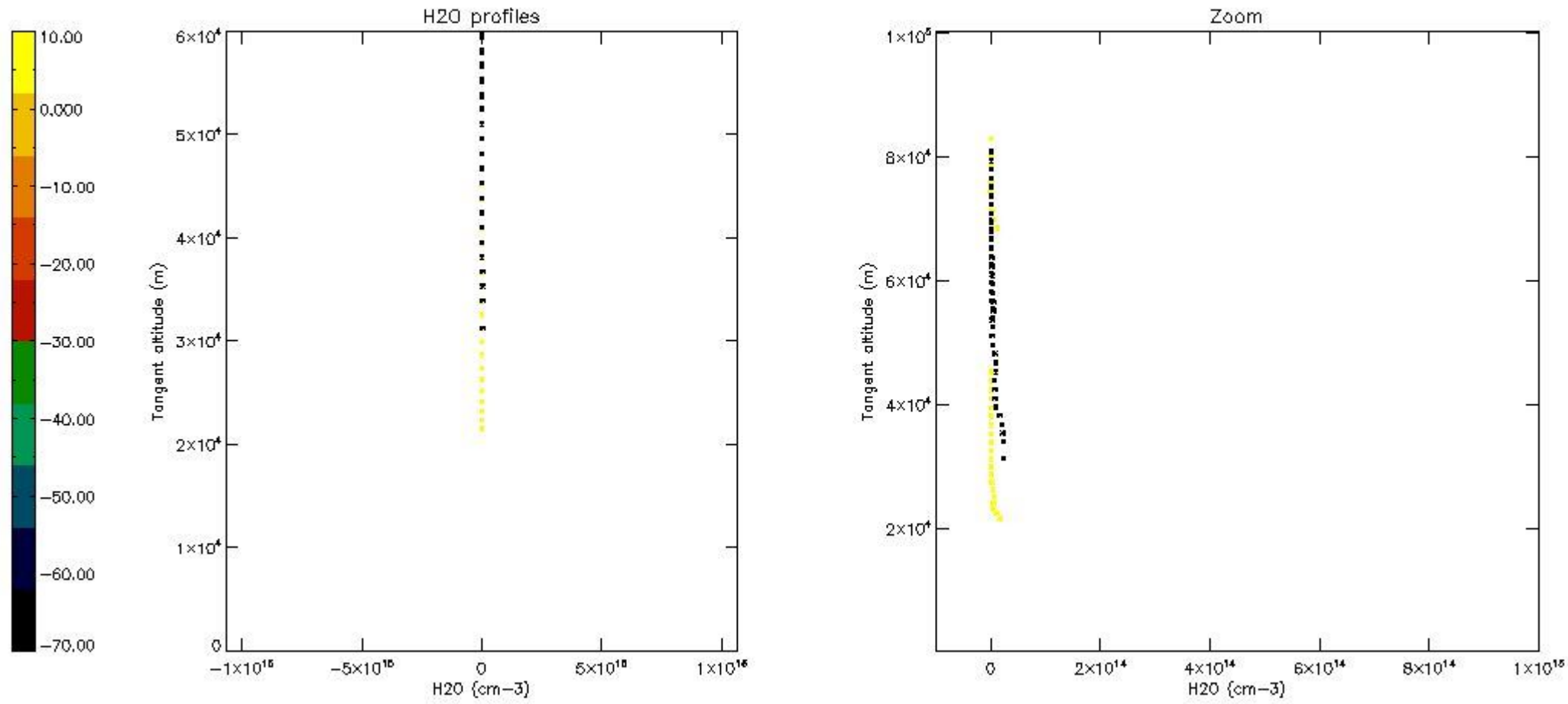
5.7 Plot NO3 profiles for all STD (dark without errors)

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	17-AUG-2007 00:13:45
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-AUG-2007 00:13:45
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-AUG-2007 00:13:45

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	23APR2013 00:42:02
Data source version	GOMOS/6.01
Start time of products	17-08-2007 (17AUG2007 00:00:00)
Stop time of products	18-08-2007 (18AUG2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	248
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

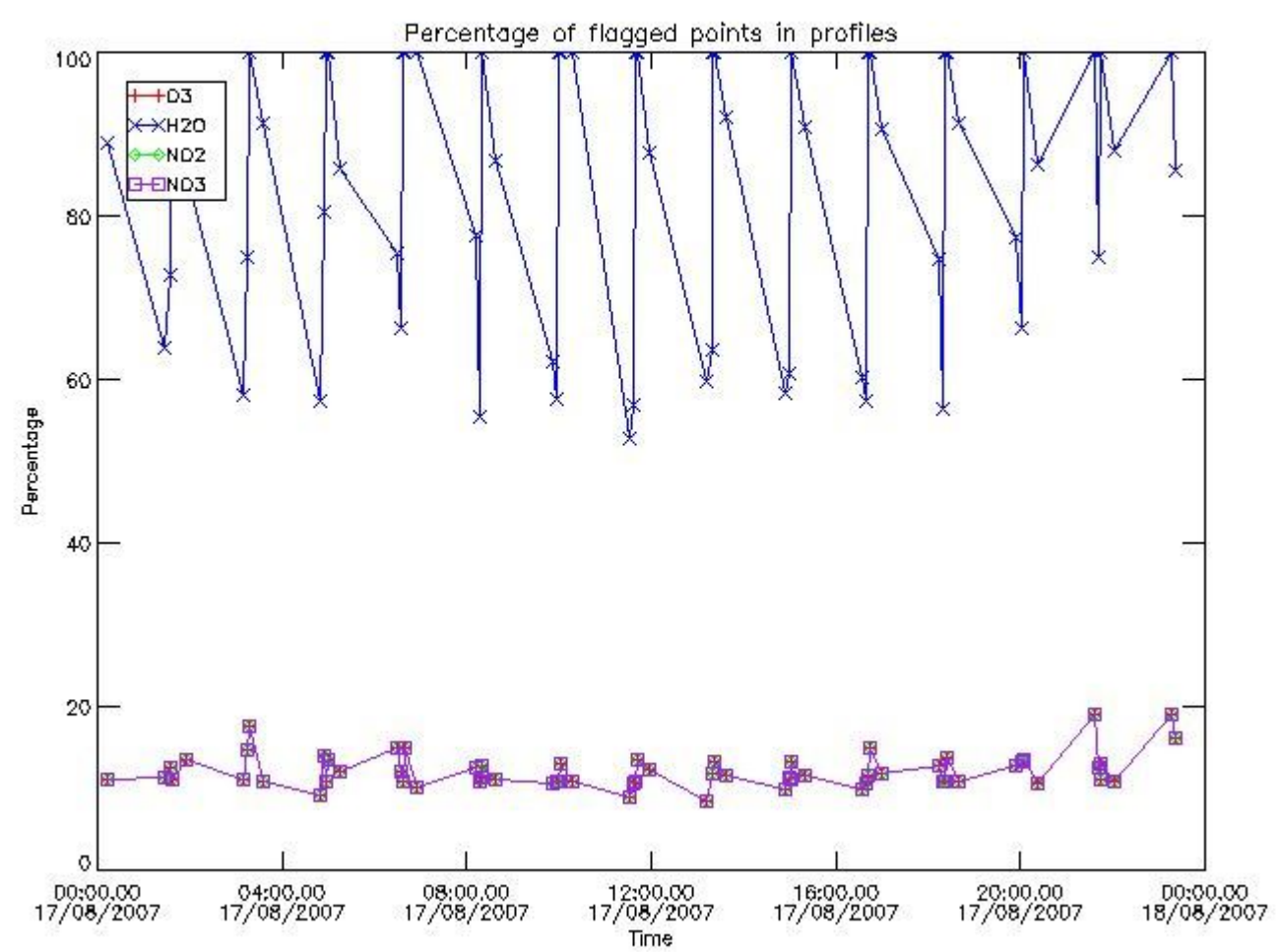
Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20070817_001345_000000462060_00446_28556_8374.N1	17-AUG-2007 00:13:45	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28556	No
2	GOM_NL__2PRFIN20070817_001928_000000412060_00446_28556_8375.N1	17-AUG-2007 00:19:28	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	28556	No
3	GOM_NL__2PRFIN20070817_002302_000000402060_00446_28556_8376.N1	17-AUG-2007 00:23:02	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	28556	No
4	GOM_NL__2PRFIN20070817_002600_000000402060_00446_28556_8377.N1	17-AUG-2007 00:26:00	Straylight	40.000	172	Gam Gru	3.0030	13100.	80	28556	No
5	GOM_NL__2PRFIN20070817_004031_000000362060_00446_28556_8378.N1	17-AUG-2007 00:40:31	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28556	No
6	GOM_NL__2PRFIN20070817_004746_000000392060_00446_28556_8379.N1	17-AUG-2007 00:47:46	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	28556	No
7	GOM_NL__2PRFIN20070817_004922_000000382060_00446_28556_8380.N1	17-AUG-2007 00:49:22	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	28556	No
8	GOM_NL__2PRFIN20070817_005040_000000342060_00446_28556_8381.N1	17-AUG-2007 00:50:40	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	28556	No
9	GOM_NL__2PRFIN20070817_005620_000000382060_00446_28556_8382.N1	17-AUG-2007 00:56:20	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	28556	No
10	GOM_NL__2PRFIN20070817_010323_000000352060_00446_28556_8383.N1	17-AUG-2007 01:03:23	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	28556	No
11	GOM_NL__2PRFIN20070817_011626_000000382060_00446_28556_8384.N1	17-AUG-2007 01:16:26	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	28556	No
12	GOM_NL__2PRFIN20070817_011853_000000392060_00446_28556_8385.N1	17-AUG-2007 01:18:53	Bright	38.500	107	37The Aur	2.6490	11000.	77	28556	No
13	GOM_NL__2PRFIN20070817_012313_000000482060_00446_28556_8386.N1	17-AUG-2007 01:23:13	Twilight	47.500	151	13Mu Gem	2.8900	3000.0	95	28556	No
14	GOM_NL__2PRFIN20070817_012448_000000422060_00446_28556_8387.N1	17-AUG-2007 01:24:48	Twilight	41.500	44	24Gam Gem	1.9280	11000.	83	28556	No
15	GOM_NL__2PRFIN20070817_012820_000000492060_00446_28556_8388.N1	17-AUG-2007 01:28:20	Dark	49.000	14	58Alp Ori	0.87000	3000.0	98	28556	No
16	GOM_NL__2PRFIN20070817_013356_000000412060_00446_28556_8389.N1	17-AUG-2007 01:33:56	Dark	41.000	1	9Alp CMa	-1.4400	11000.	82	28556	No
17	GOM_NL__2PRFIN20070817_013624_000000462060_00446_28556_8390.N1	17-AUG-2007 01:36:24	Dark	45.500	101	11Alp Lep	2.5820	7000.0	91	28556	No
18	GOM_NL__2PRFIN20070817_015422_000000422060_00447_28557_8388.N1	17-AUG-2007 01:54:22	Dark	41.500	9	Alp Eri	0.45300	24000.	83	28557	No
19	GOM_NL__2PRFIN20070817_020004_000000372060_00447_28557_8389.N1	17-AUG-2007 02:00:04	Straylight	37.000	148	Alp Tuc	2.8780	4100.0	74	28557	No
20	GOM_NL__2PRFIN20070817_020338_000000402060_00447_28557_8390.N1	17-AUG-2007 02:03:38	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	28557	No
21	GOM_NL__2PRFIN20070817_020636_000000402060_00447_28557_8391.N1	17-AUG-2007 02:06:36	Straylight	39.500	172	Gam Gru	3.0030	13100.	79	28557	No
22	GOM_NL__2PRFIN20070817_022107_000000372060_00447_28557_8392.N1	17-AUG-2007 02:21:07	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	28557	No
23	GOM_NL__2PRFIN20070817_022822_000000372060_00447_28557_8393.N1	17-AUG-2007 02:28:22	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	28557	No
24	GOM_NL__2PRFIN20070817_022958_000000382060_00447_28557_8394.N1	17-AUG-2007 02:29:58	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	28557	No
25	GOM_NL__2PRFIN20070817_023116_000000362060_00447_28557_8395.N1	17-AUG-2007 02:31:16	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	28557	No
26	GOM_NL__2PRFIN20070817_023655_000000382060_00447_28557_8396.N1	17-AUG-2007 02:36:55	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	28557	No
27	GOM_NL__2PRFIN20070817_024359_000000332060_00447_28557_8397.N1	17-AUG-2007 02:43:59	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	28557	No
28	GOM_NL__2PRFIN20070817_025702_000000382060_00447_28557_8398.N1	17-AUG-2007 02:57:02	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	28557	No
29	GOM_NL__2PRFIN20070817_025929_000000392060_00447_28557_8399.N1	17-AUG-2007 02:59:29	Bright	39.000	107	37The Aur	2.6490	11000.	78	28557	No
30	GOM_NL__2PRFIN20070817_030349_000000452060_00447_28557_8400.N1	17-AUG-2007 03:03:49	Twilight	44.500	151	13Mu Gem	2.8900	3000.0	89	28557	No
31	GOM_NL__2PRFIN20070817_030524_000000392060_00447_28557_8401.N1	17-AUG-2007 03:05:24	Twilight	39.000	44	24Gam Gem	1.9280	11000.	78	28557	No
32	GOM_NL__2PRFIN20070817_030856_000000602060_00447_28557_8402.N1	17-AUG-2007 03:08:56	Dark	60.000	14	58Alp Ori	0.87000	3000.0	120	28557	No
33	GOM_NL__2PRFIN20070817_031432_000000352060_00447_28557_8403.N1	17-AUG-2007 03:14:32	Dark	34.500	1	9Alp CMa	-1.4400	11000.	69	28557	No
34	GOM_NL__2PRFIN20070817_031701_000000472060_00447_28557_8404.N1	17-AUG-2007 03:17:01	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	28557	No
35	GOM_NL__2PRFIN20070817_033458_000000472060_00448_28558_8422.N1	17-AUG-2007 03:34:58	Dark	47.000	9	Alp Eri	0.45300	24000.	94	28558	No
36	GOM_NL__2PRFIN20070817_034041_000000392060_00448_28558_8423.N1	17-AUG-2007 03:40:41	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	28558	No
37	GOM_NL__2PRFIN20070817_034415_000000412060_00448_28558_8424.N1	17-AUG-2007 03:44:15	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	28558	No
38	GOM_NL__2PRFIN20070817_034713_000000412060_00448_28558_8425.N1	17-AUG-2007 03:47:13	Straylight	41.000	172	Gam Gru	3.0030	13100.	82	28558	No
39	GOM_NL__2PRFIN20070817_040143_000000382060_00448_28558_8426.N1	17-AUG-2007 04:01:43	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	28558	No
40	GOM_NL__2PRFIN20070817_040858_000000382060_00448_28558_8427.N1	17-AUG-2007 04:08:58	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	28558	No
41	GOM_NL__2PRFIN20070817_041034_000000372060_00448_28558_8428.N1	17-AUG-2007 04:10:34	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	28558	No
42	GOM_NL__2PRFIN20070817_041152_000000342060_00448_28558_8429.N1	17-AUG-2007 04:11:52	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	28558	No

220	GOM_NL__2PRFIN20070817_205455_000000372060_00458_28568_8587.N1	17-AUG-2007 20:54:55	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	28568	No
221	GOM_NL__2PRFIN20070817_205632_000000352060_00458_28568_8588.N1	17-AUG-2007 20:56:32	Bright	34.500	66	37Gam Cyg	2.2080	5900.0	69	28568	No
222	GOM_NL__2PRFIN20070817_205752_000000342060_00458_28568_8589.N1	17-AUG-2007 20:57:52	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	28568	No
223	GOM_NL__2PRFIN20070817_210328_000000392060_00458_28568_8590.N1	17-AUG-2007 21:03:28	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	28568	No
224	GOM_NL__2PRFIN20070817_211034_000000362060_00458_28568_8591.N1	17-AUG-2007 21:10:34	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28568	No
225	GOM_NL__2PRFIN20070817_212337_000000482060_00458_28568_8592.N1	17-AUG-2007 21:23:37	Bright	48.000	42	34Bet Aur	1.9000	10200.	96	28568	No
226	GOM_NL__2PRFIN20070817_212605_000000322060_00458_28568_8593.N1	17-AUG-2007 21:26:05	Bright	32.000	107	37The Aur	2.6490	11000.	64	28568	No
227	GOM_NL__2PRFIN20070817_213027_000000452060_00458_28568_8594.N1	17-AUG-2007 21:30:27	Twilight	45.000	151	13Mu Gem	2.8900	3000.0	90	28568	No
228	GOM_NL__2PRFIN20070817_213203_000000432060_00458_28568_8595.N1	17-AUG-2007 21:32:03	Twilight	43.000	44	24Gam Gem	1.9280	11000.	86	28568	No
229	GOM_NL__2PRFIN20070817_213536_000000272060_00458_28568_8596.N1	17-AUG-2007 21:35:36	Dark	27.000	14	58Alp Ori	0.87000	3000.0	54	28568	No
230	GOM_NL__2PRFIN20070817_214112_000000412060_00458_28568_8597.N1	17-AUG-2007 21:41:12	Dark	40.500	1	9Alp CMa	-1.4400	11000.	81	28568	No
231	GOM_NL__2PRFIN20070817_214344_000000462060_00458_28568_8598.N1	17-AUG-2007 21:43:44	Dark	46.000	101	11Alp Lep	2.5820	7000.0	92	28568	No
232	GOM_NL__2PRFIN20070817_214520_000000392060_00458_28568_8599.N1	17-AUG-2007 21:45:20	Dark	39.000	177	1Zet CMa	3.0220	26000.	78	28568	No
233	GOM_NL__2PRFIN20070817_220141_000000472060_00459_28569_8588.N1	17-AUG-2007 22:01:41	Dark	46.500	9	Alp Eri	0.45300	24000.	93	28569	No
234	GOM_NL__2PRFIN20070817_220720_000000392060_00459_28569_8589.N1	17-AUG-2007 22:07:20	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	28569	No
235	GOM_NL__2PRFIN20070817_221054_000000442060_00459_28569_8590.N1	17-AUG-2007 22:10:54	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	28569	No
236	GOM_NL__2PRFIN20070817_221351_000000392060_00459_28569_8591.N1	17-AUG-2007 22:13:51	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	28569	No
237	GOM_NL__2PRFIN20070817_222820_000000372060_00459_28569_8592.N1	17-AUG-2007 22:28:20	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	28569	No
238	GOM_NL__2PRFIN20070817_223531_000000382060_00459_28569_8593.N1	17-AUG-2007 22:35:31	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	28569	No
239	GOM_NL__2PRFIN20070817_223708_000000382060_00459_28569_8594.N1	17-AUG-2007 22:37:08	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	28569	No
240	GOM_NL__2PRFIN20070817_223828_000000342060_00459_28569_8595.N1	17-AUG-2007 22:38:28	Bright	33.500	144	18Del Cyg	2.8600	11000.	67	28569	No
241	GOM_NL__2PRFIN20070817_224403_000000382060_00459_28569_8596.N1	17-AUG-2007 22:44:03	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	28569	No
242	GOM_NL__2PRFIN20070817_225110_000000362060_00459_28569_8597.N1	17-AUG-2007 22:51:10	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28569	No
243	GOM_NL__2PRFIN20070817_230413_000000532060_00459_28569_8598.N1	17-AUG-2007 23:04:13	Bright	52.500	42	34Bet Aur	1.9000	10200.	105	28569	No
244	GOM_NL__2PRFIN20070817_230641_000000322060_00459_28569_8599.N1	17-AUG-2007 23:06:41	Bright	32.000	107	37The Aur	2.6490	11000.	64	28569	No
245	GOM_NL__2PRFIN20070817_231103_000000452060_00459_28569_8600.N1	17-AUG-2007 23:11:03	Twilight	44.500	151	13Mu Gem	2.8900	3000.0	89	28569	No
246	GOM_NL__2PRFIN20070817_231239_000000442060_00459_28569_8601.N1	17-AUG-2007 23:12:39	Twilight	43.500	44	24Gam Gem	1.9280	11000.	87	28569	No
247	GOM_NL__2PRFIN20070817_231613_000000272060_00459_28569_8602.N1	17-AUG-2007 23:16:13	Dark	27.000	14	58Alp Ori	0.87000	3000.0	54	28569	No
248	GOM_NL__2PRFIN20070817_232148_000000312060_00459_28569_8603.N1	17-AUG-2007 23:21:48	Dark	31.000	1	9Alp CMa	-1.4400	11000.	62	28569	No

3. Quality information per product

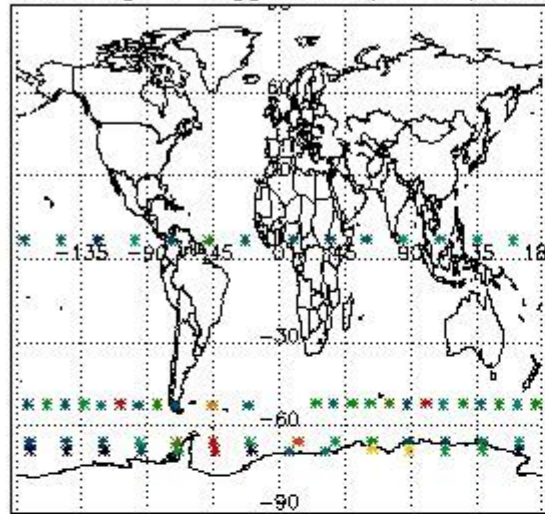
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

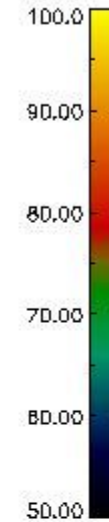
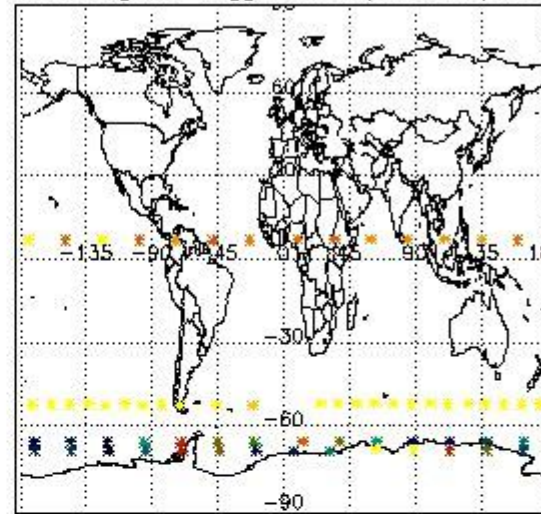


3.2 Plot quality information per product (world map)

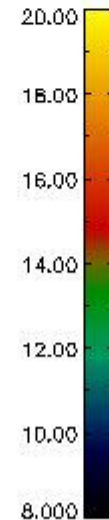
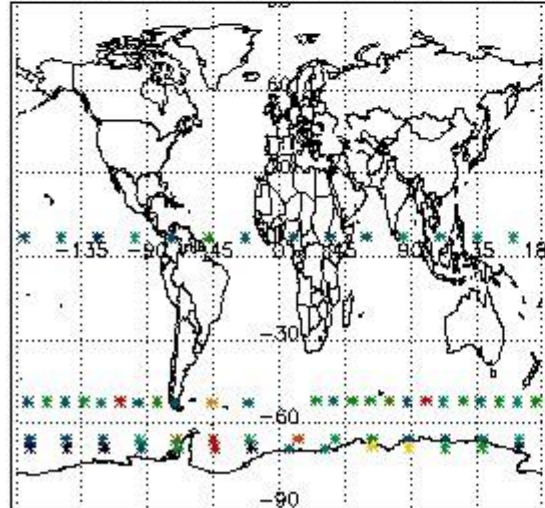
Percentage of flagged data per O3 profile



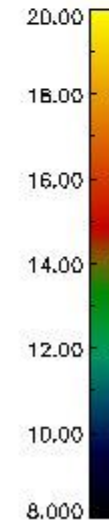
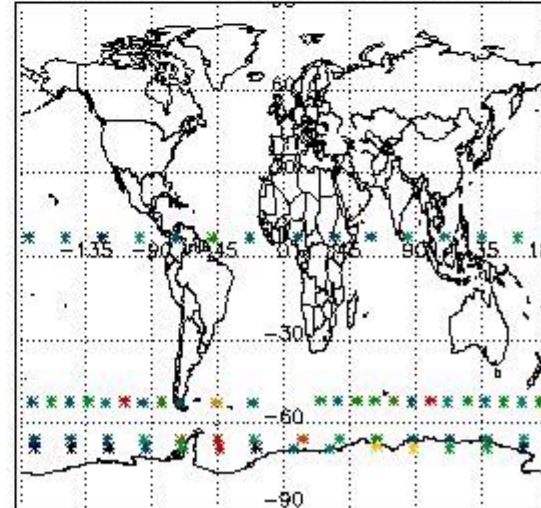
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

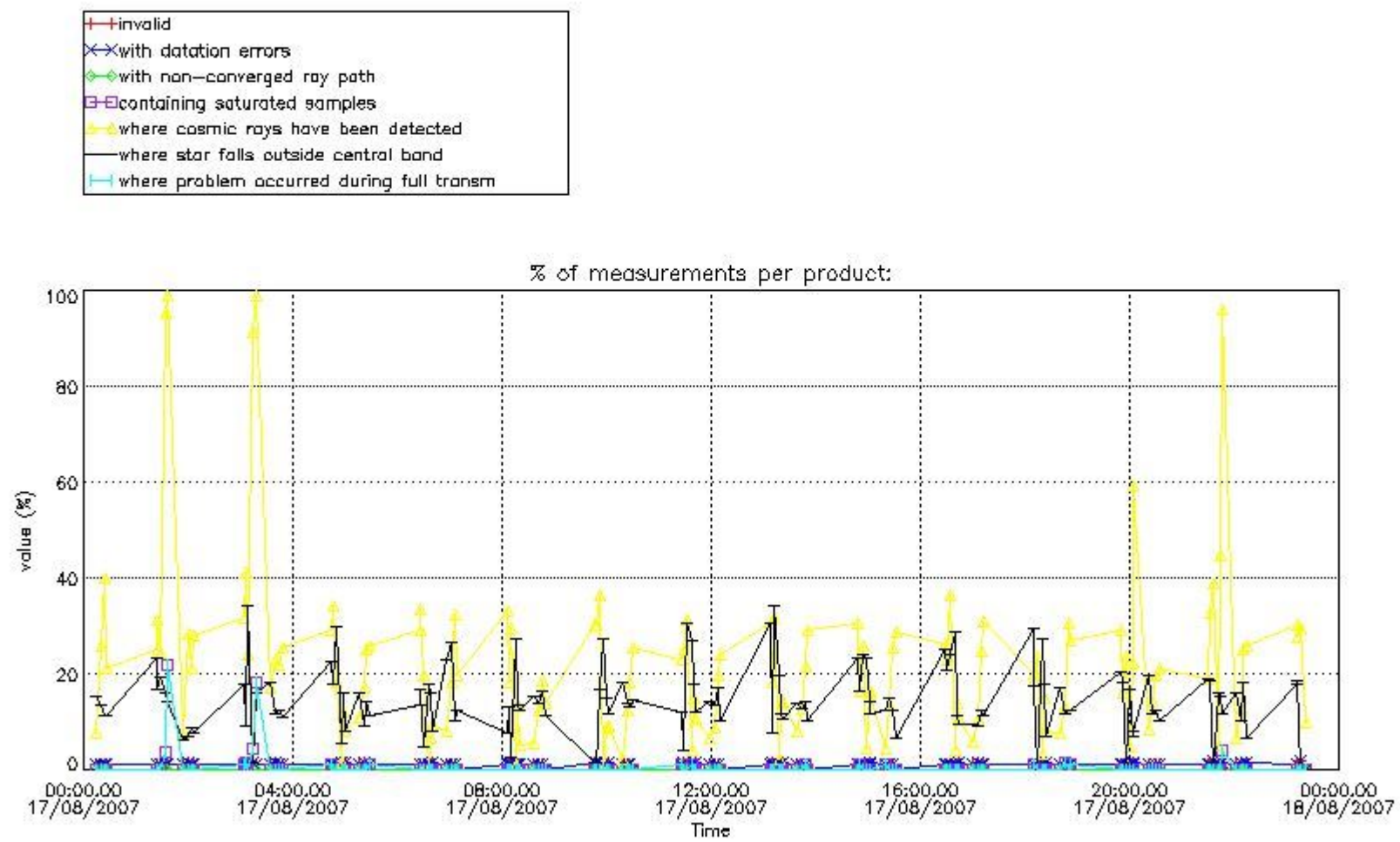


4. Level 1 quality information per product

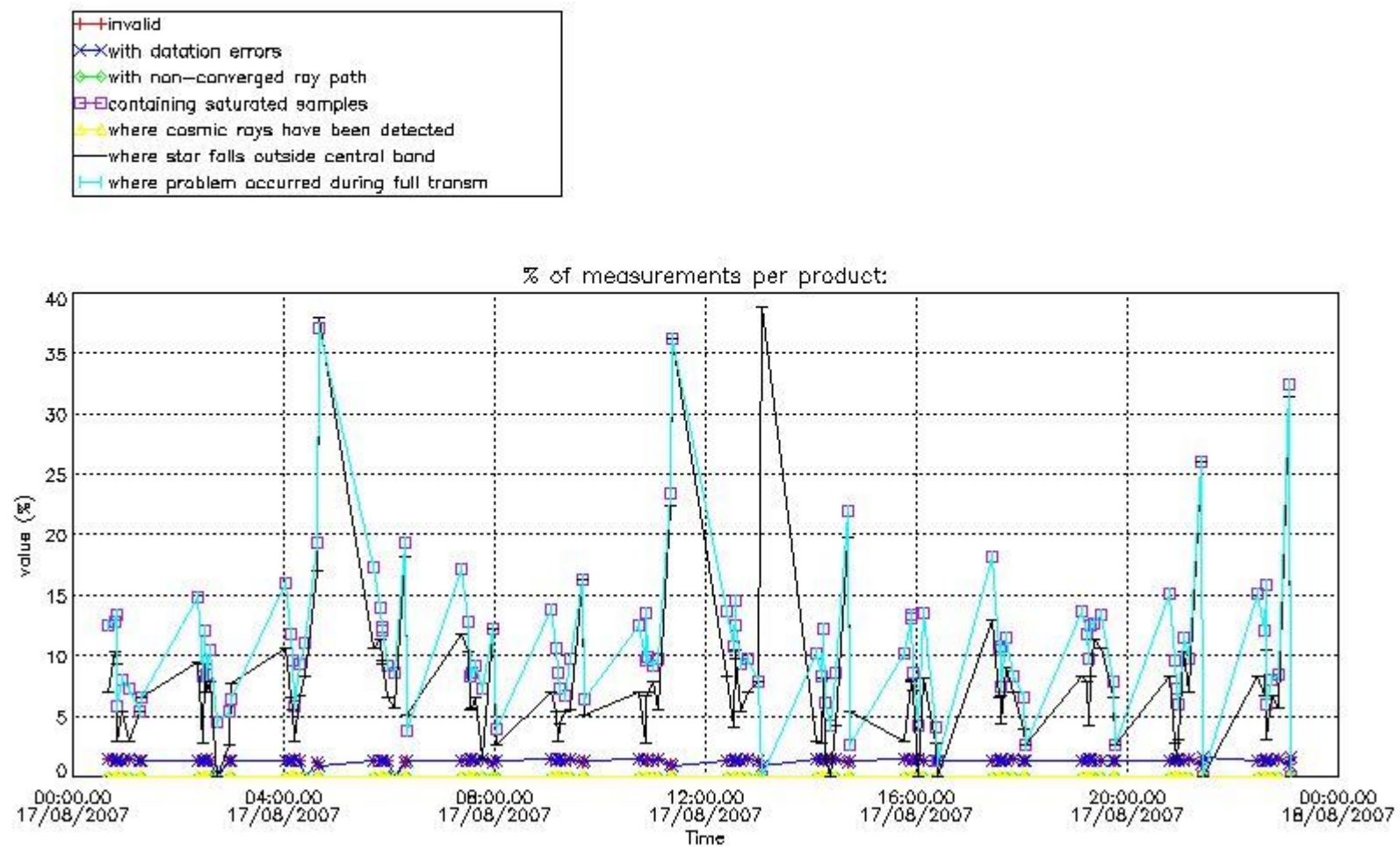
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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



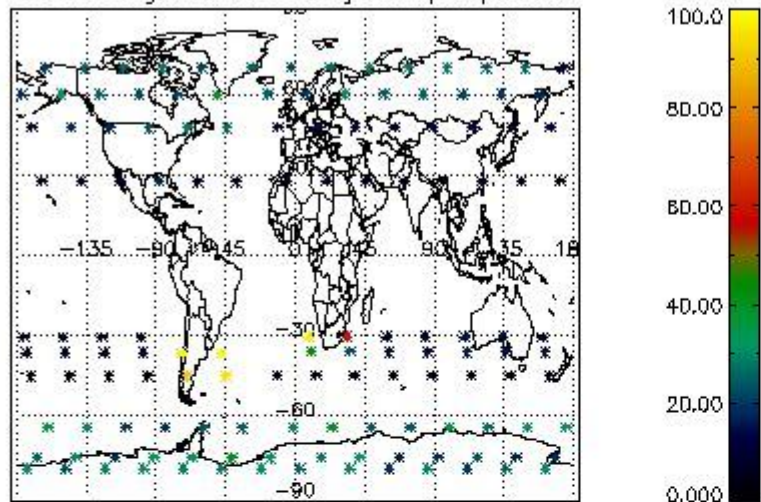
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



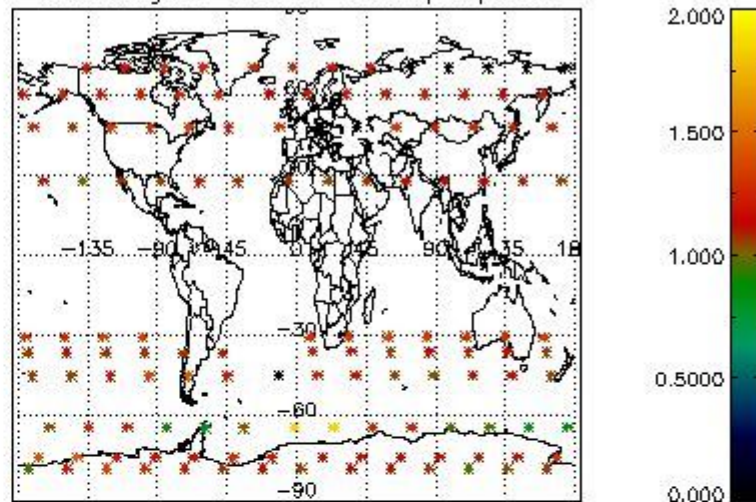
4.2 Plot quality information per product coming from level 1b processing (world map)

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

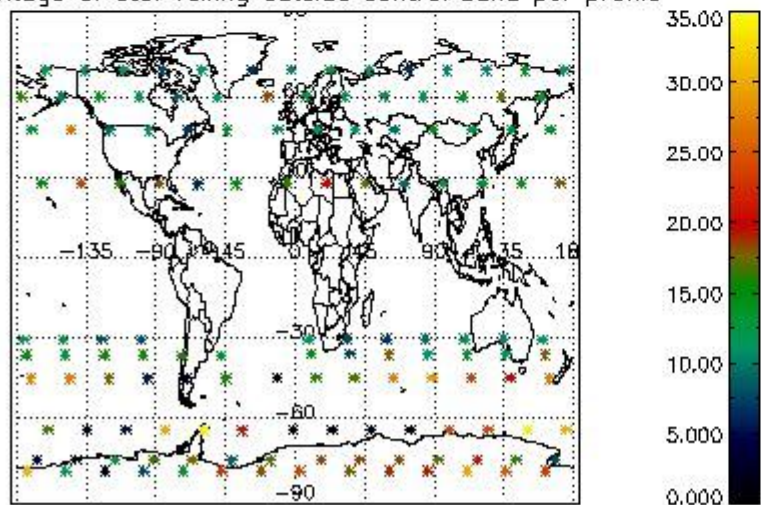
Percentage of cosmic ray hits per profile



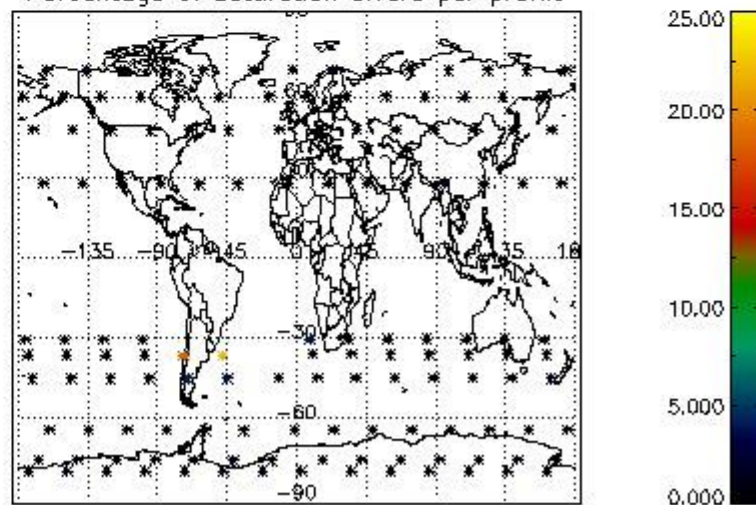
Percentage of datation errors per profile



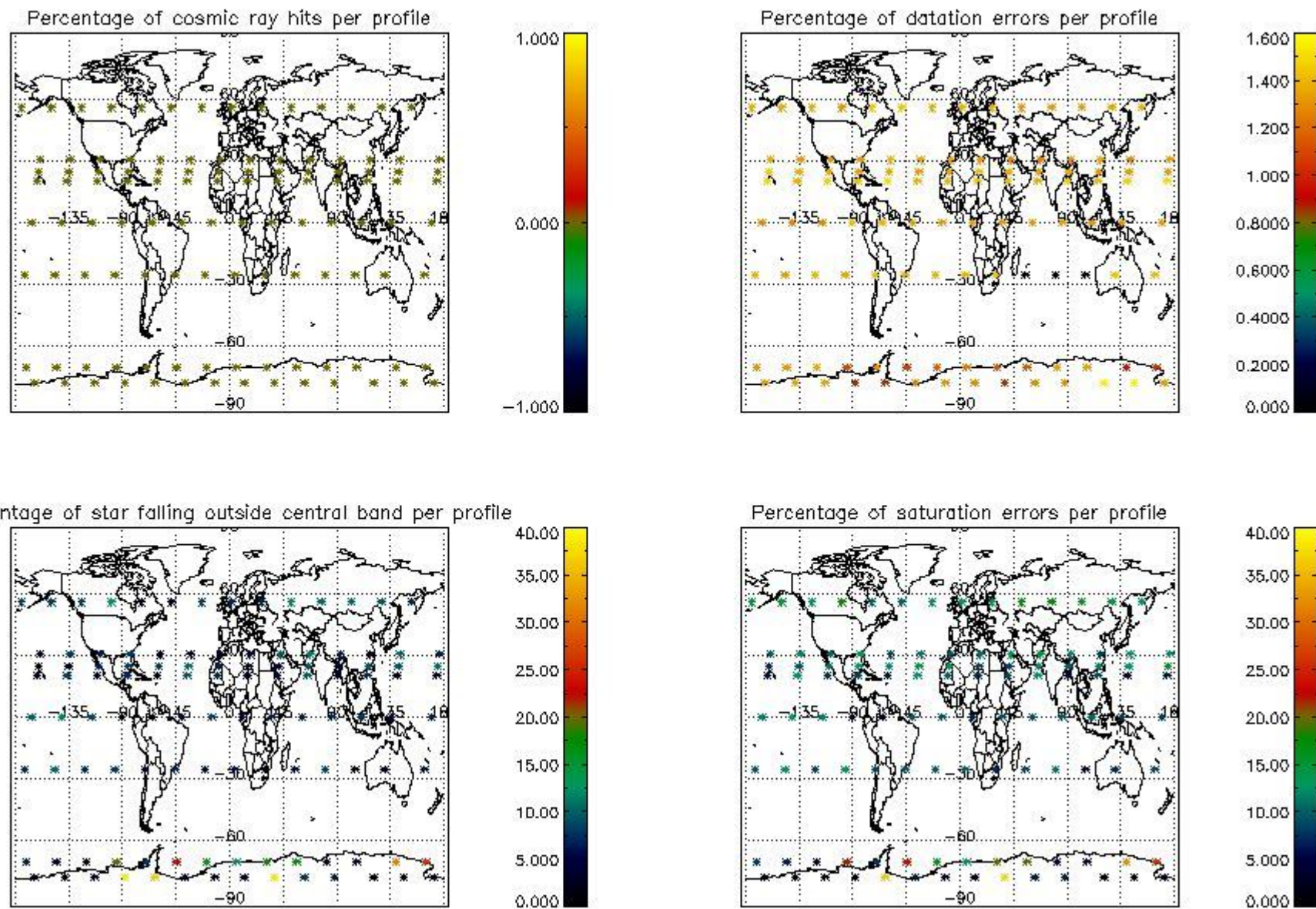
Percentage of star falling outside central band per profile



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

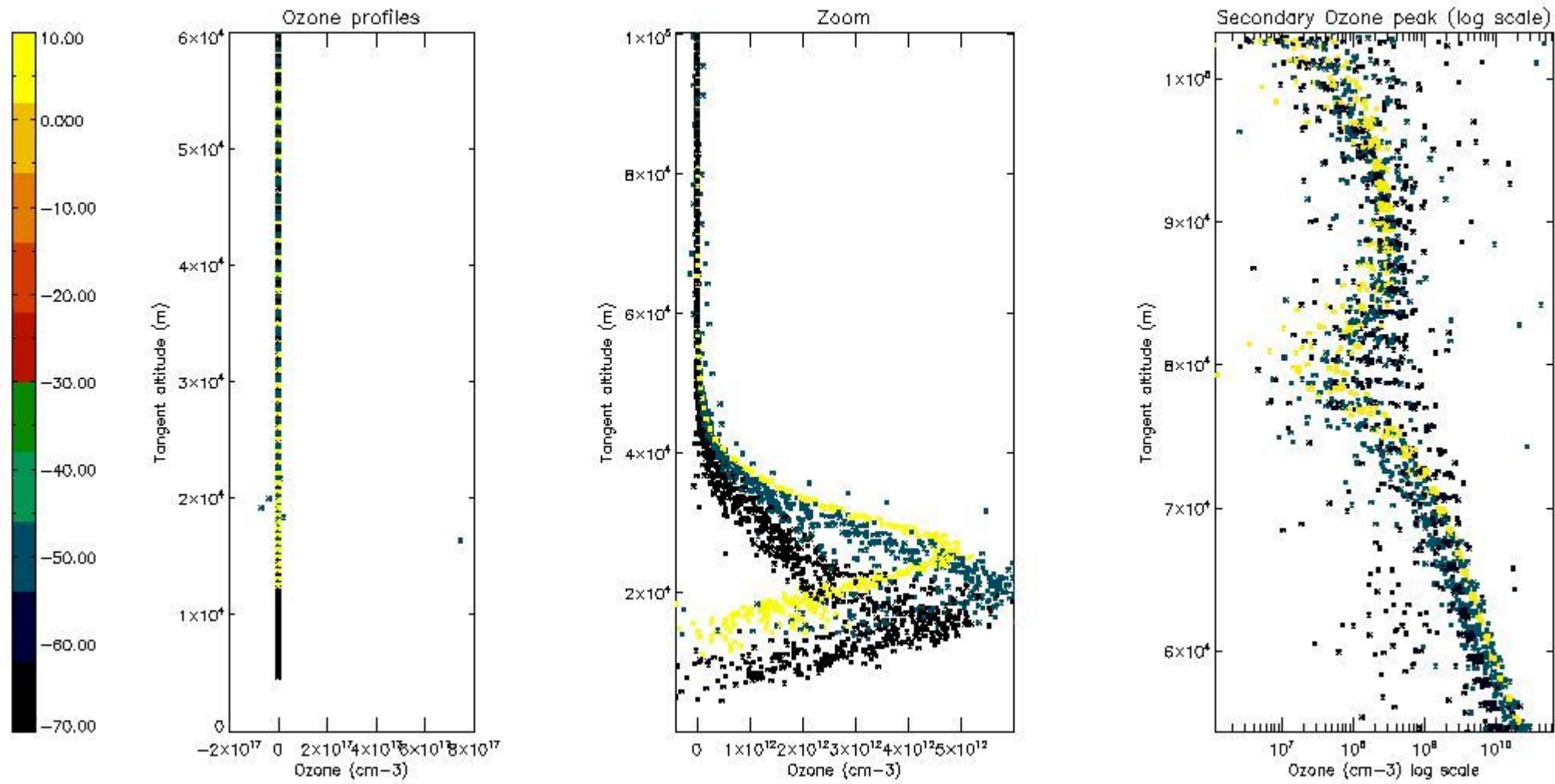
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	30
STD < 20	17

STD < 10	13
STD < 5	10

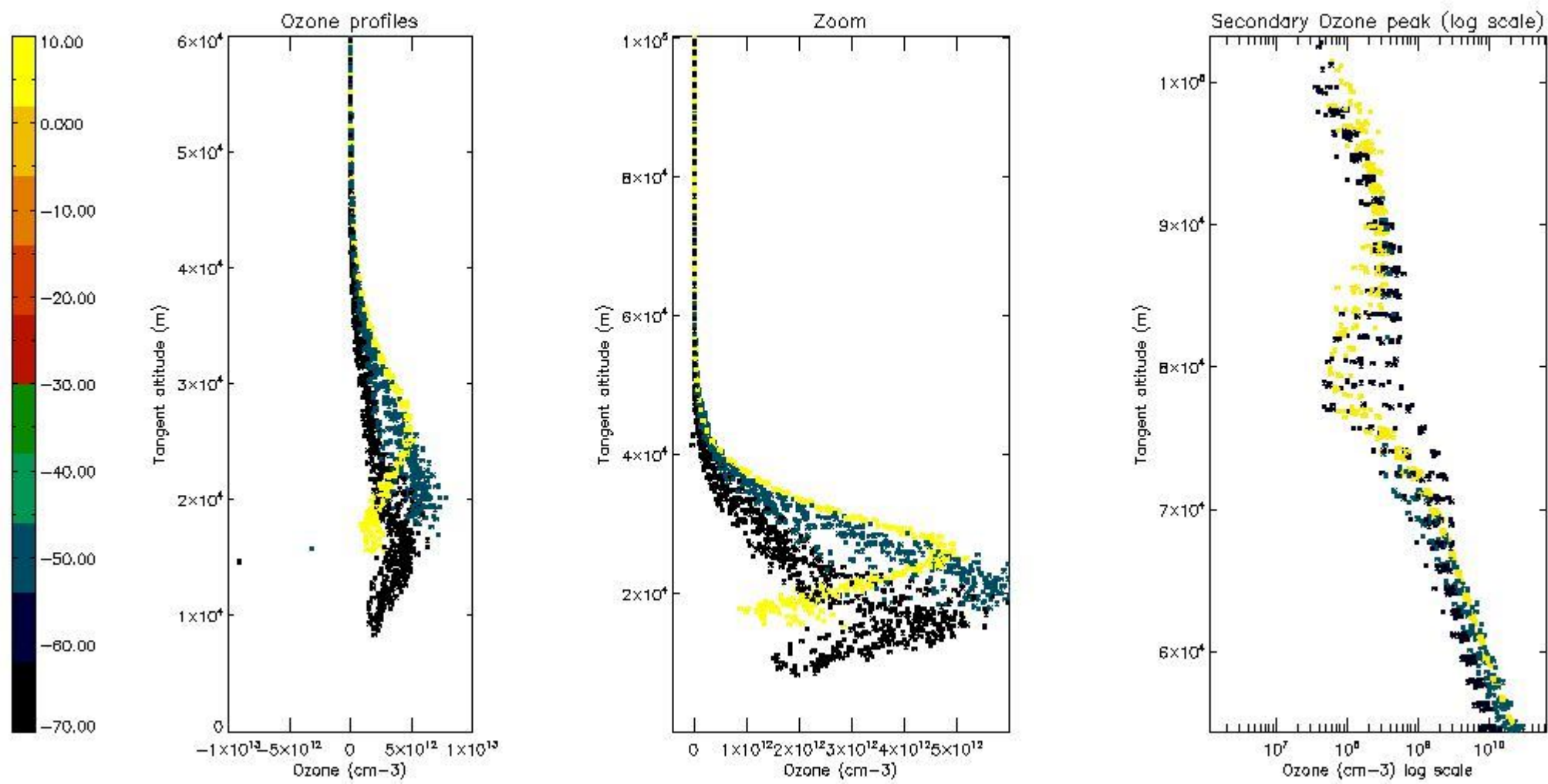
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



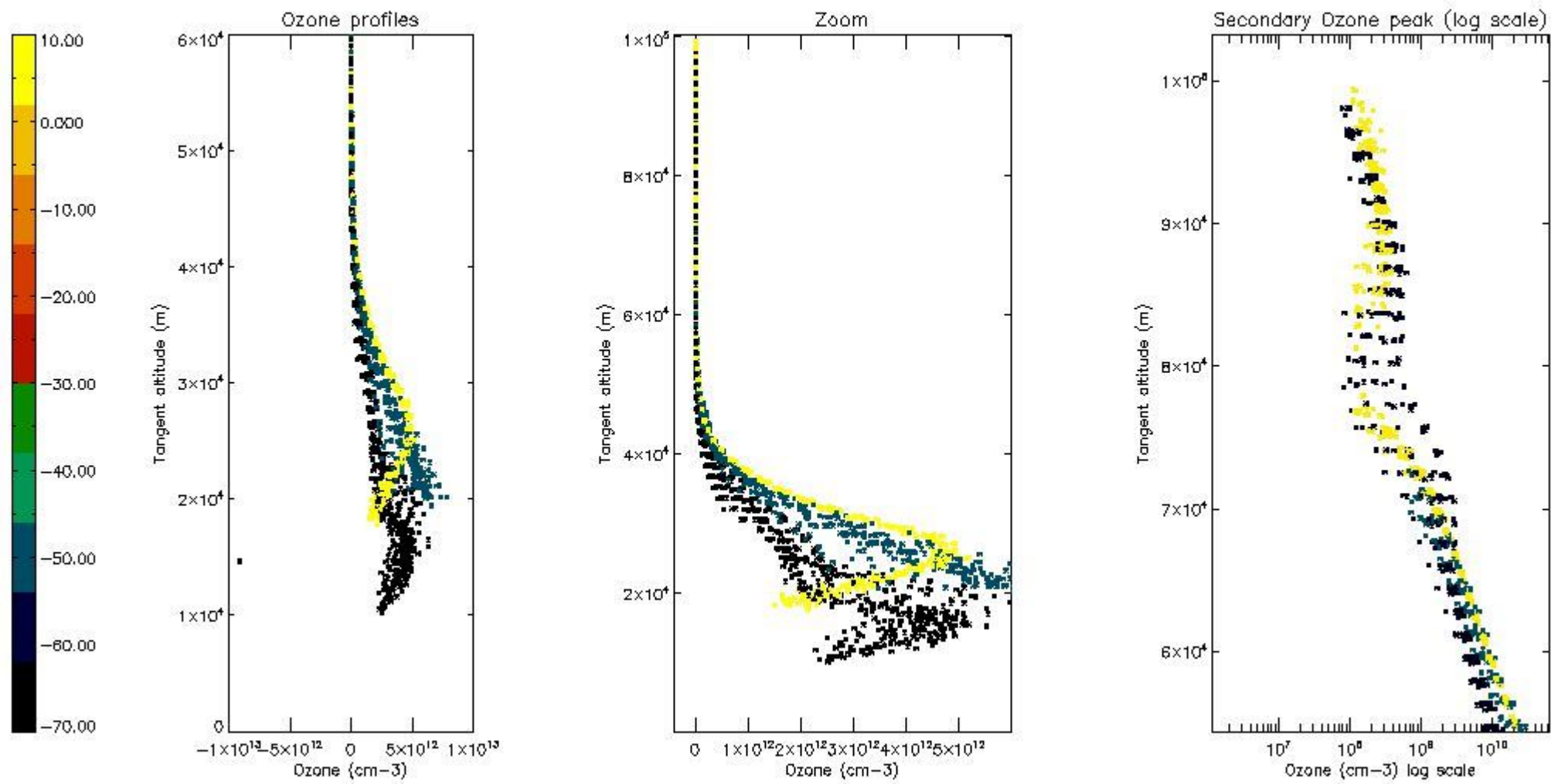
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



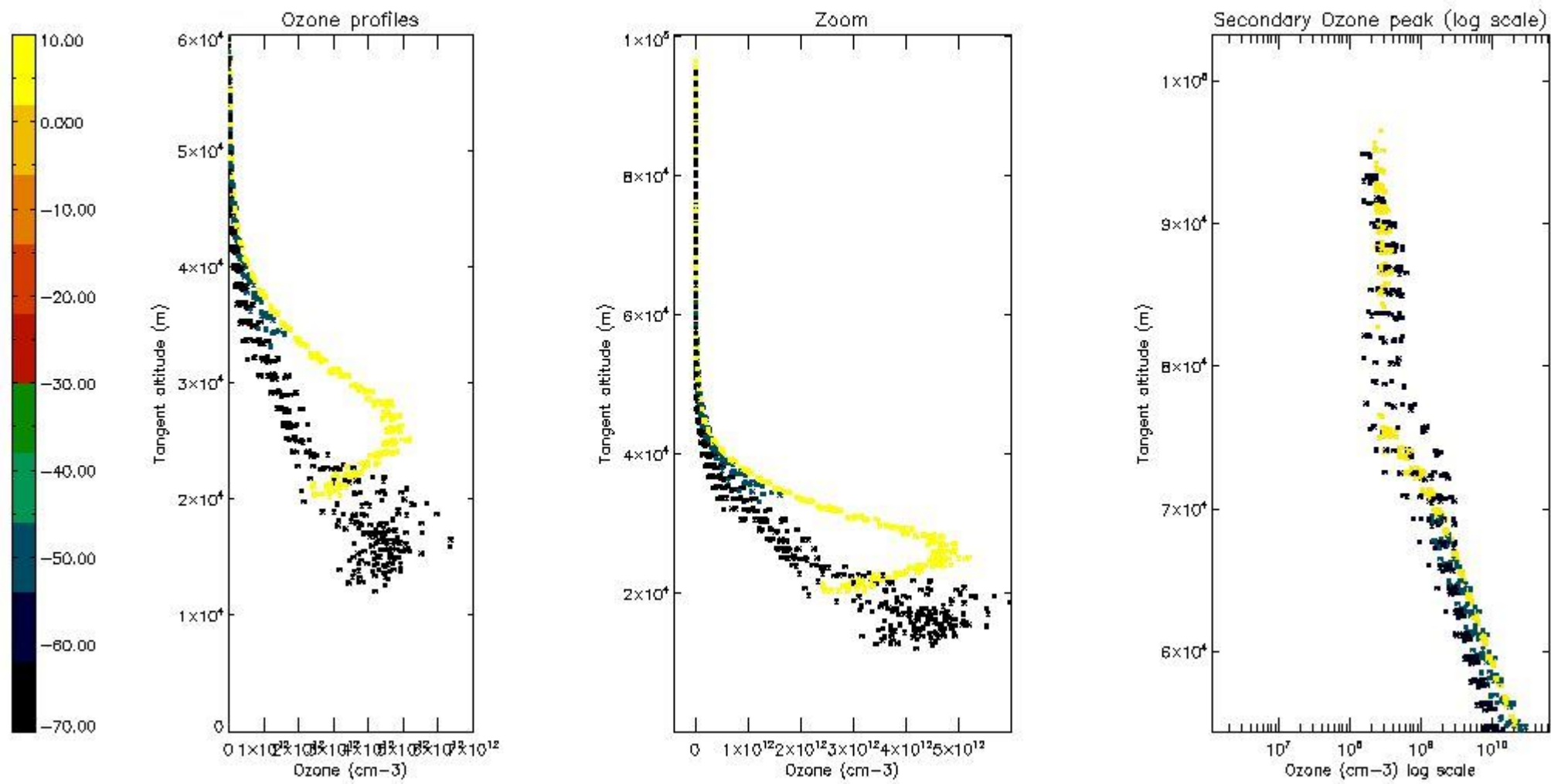
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



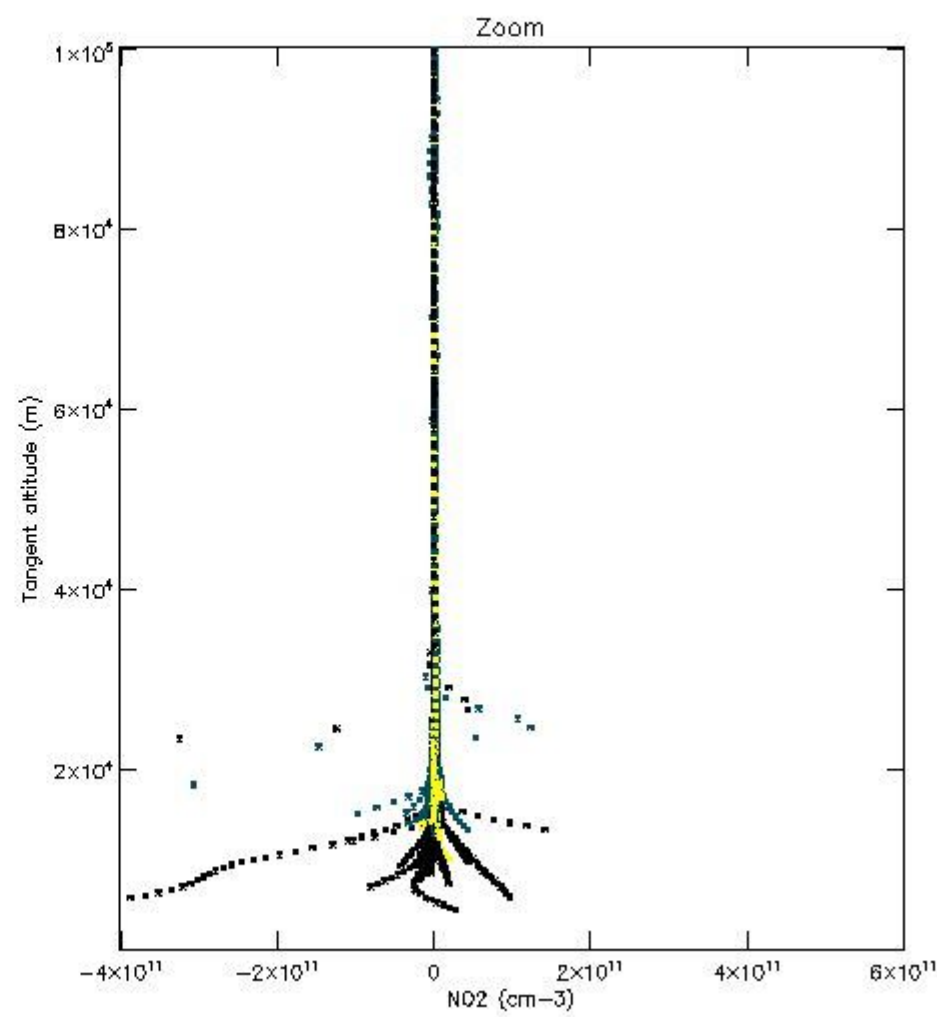
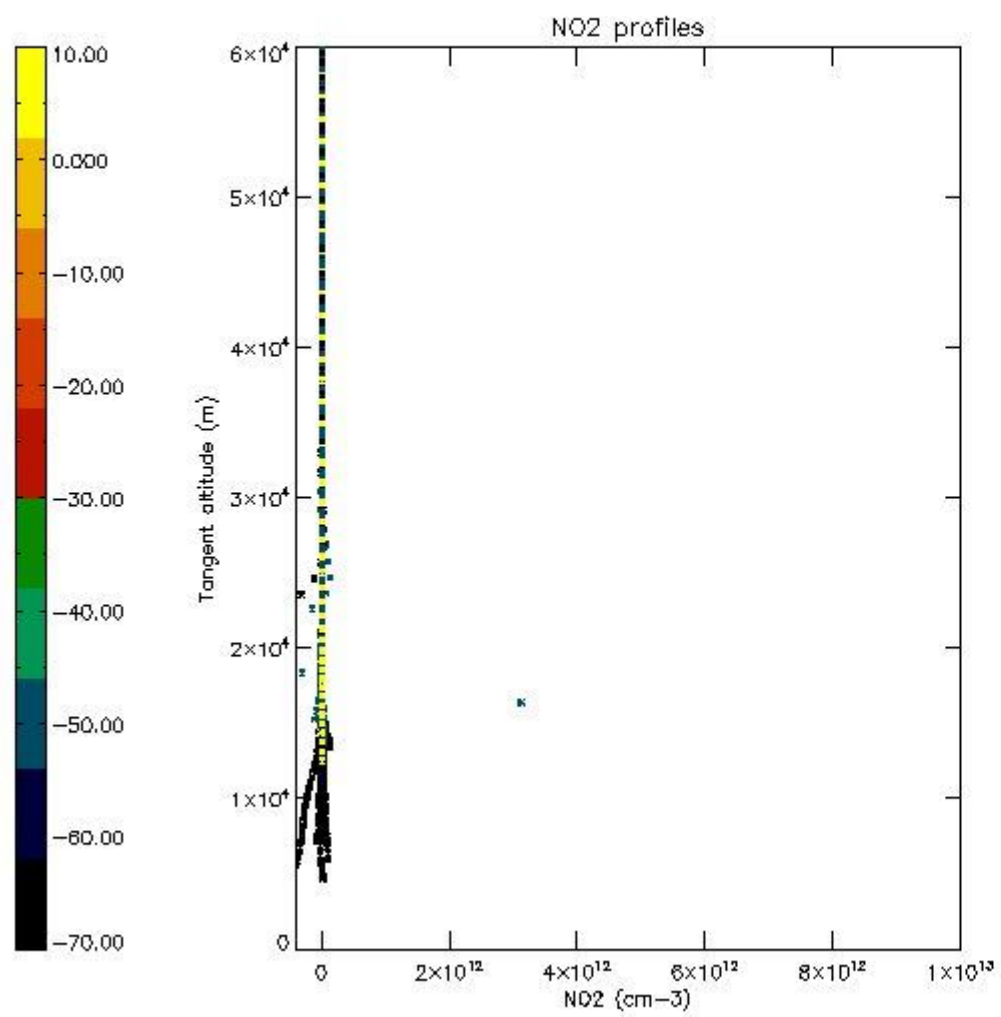
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



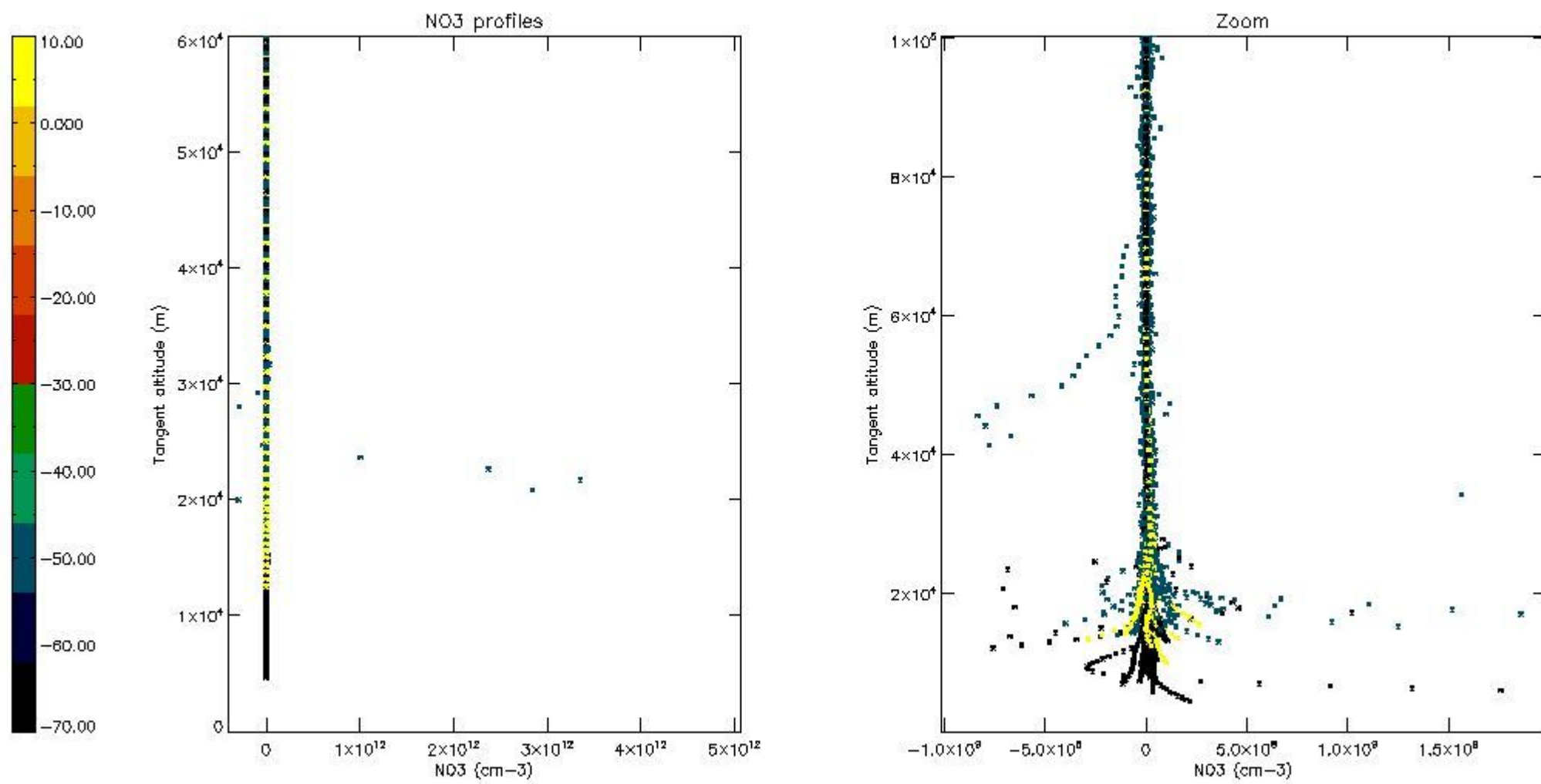
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



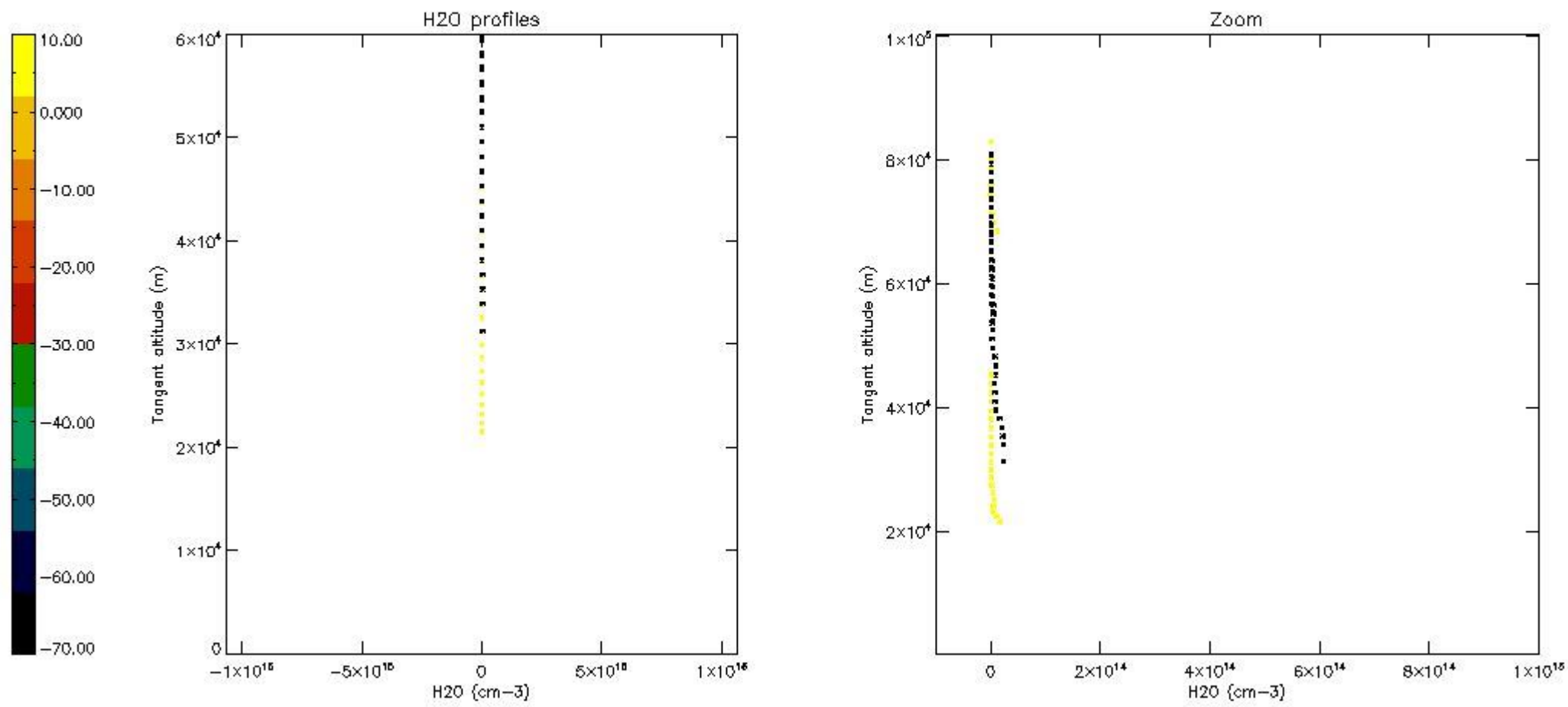
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

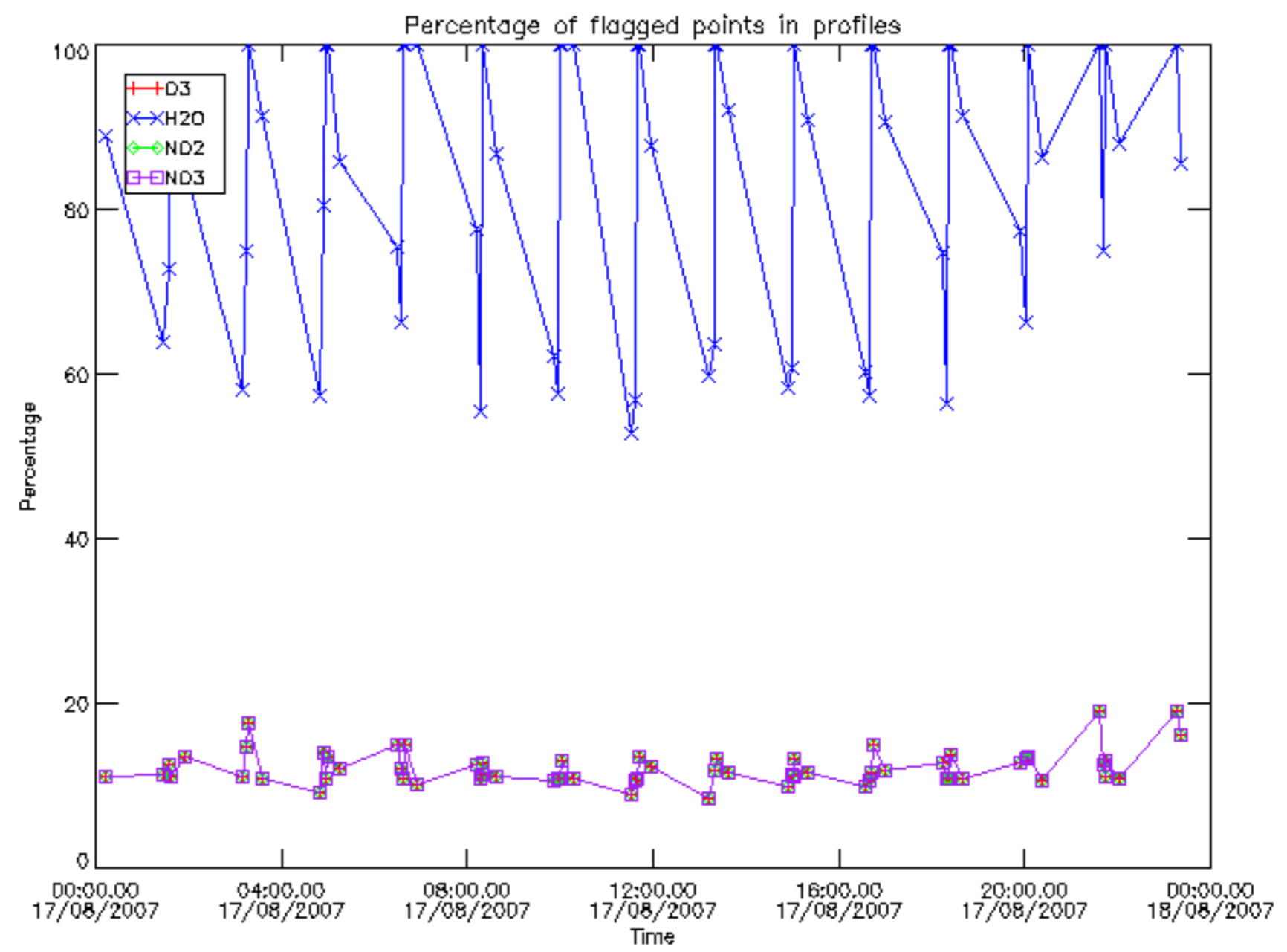
The colorbar represents the latitude.



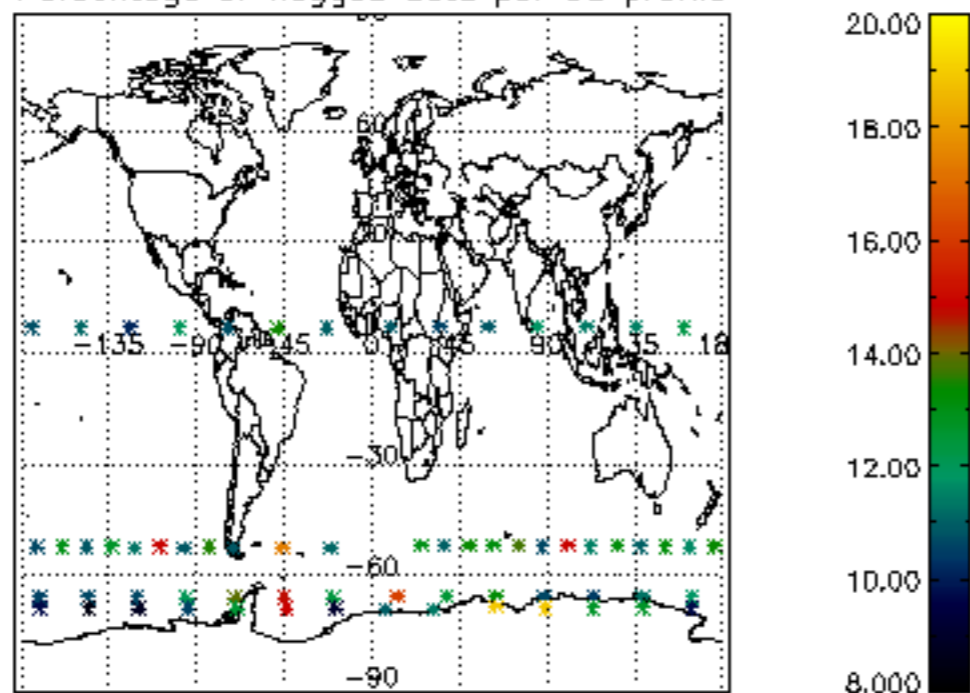
6. Auxiliary Data Files used for the production reported in section 2

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.

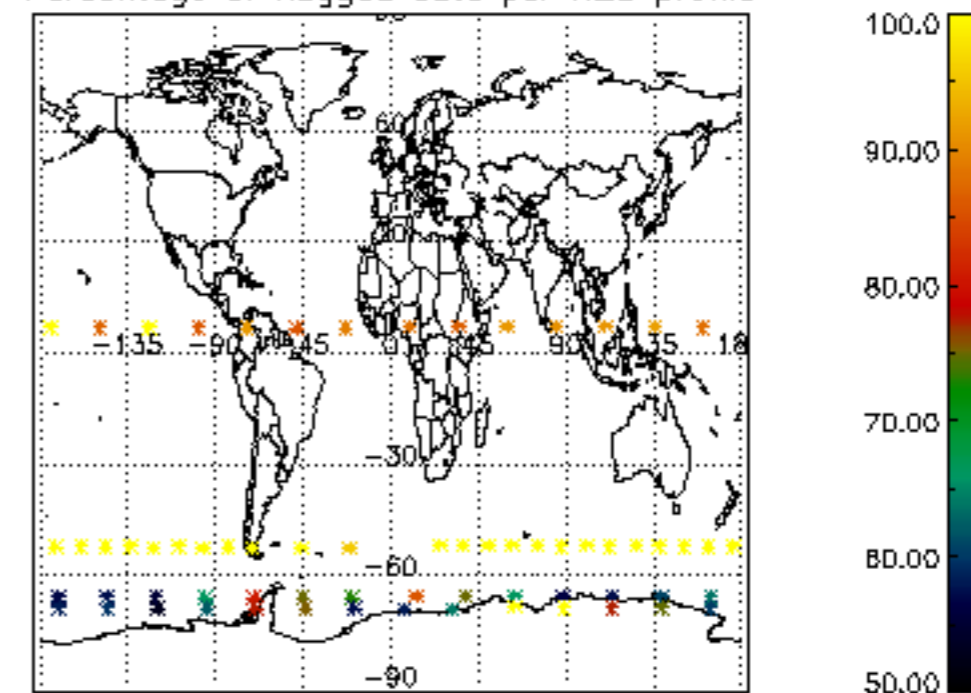
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	17-AUG-2007 00:13:45
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	17-AUG-2007 00:13:45
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	17-AUG-2007 00:13:45



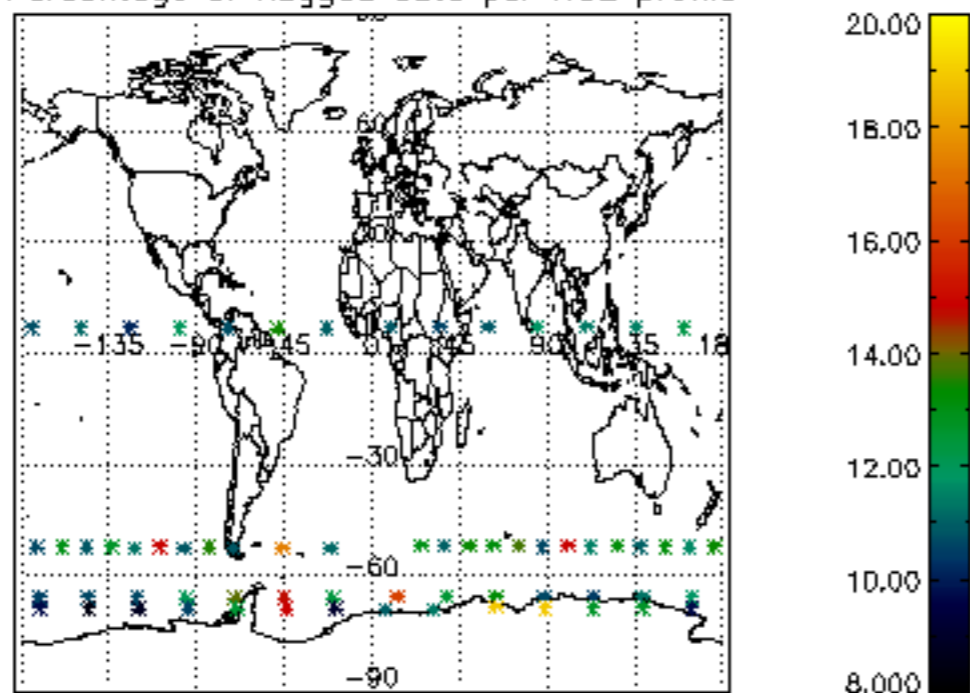
Percentage of flagged data per D3 profile



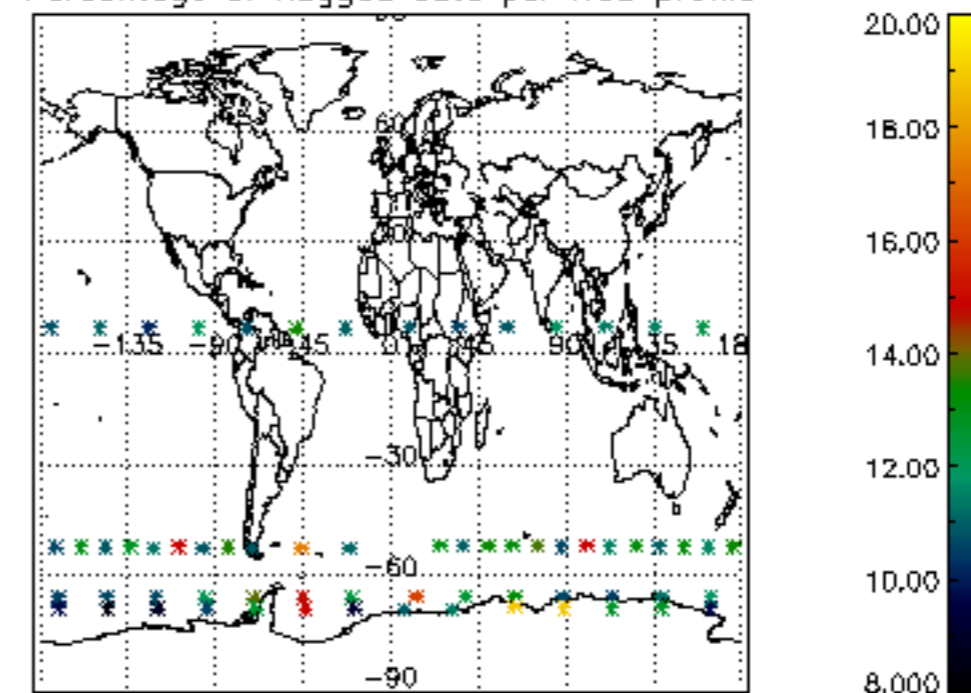
Percentage of flagged data per H2O profile

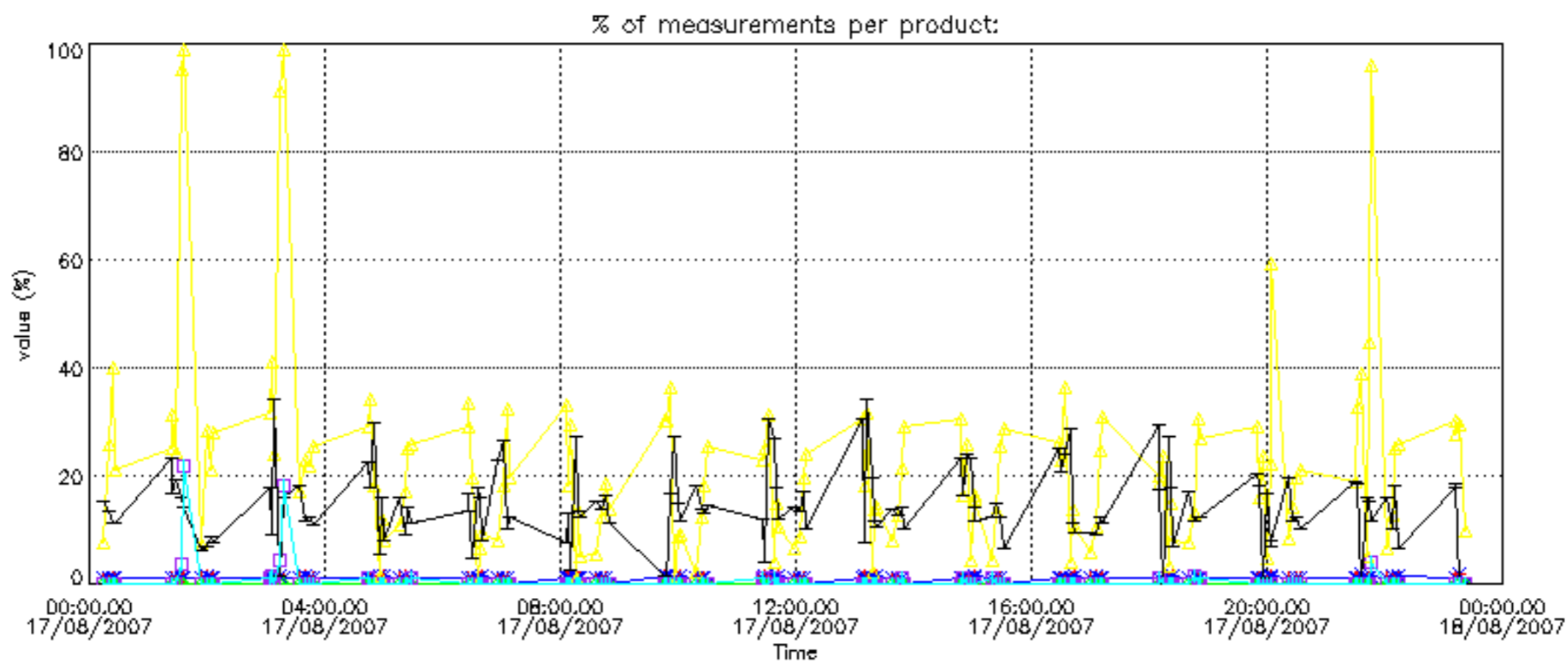
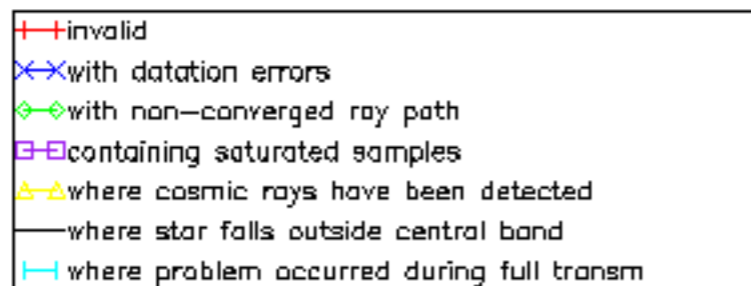


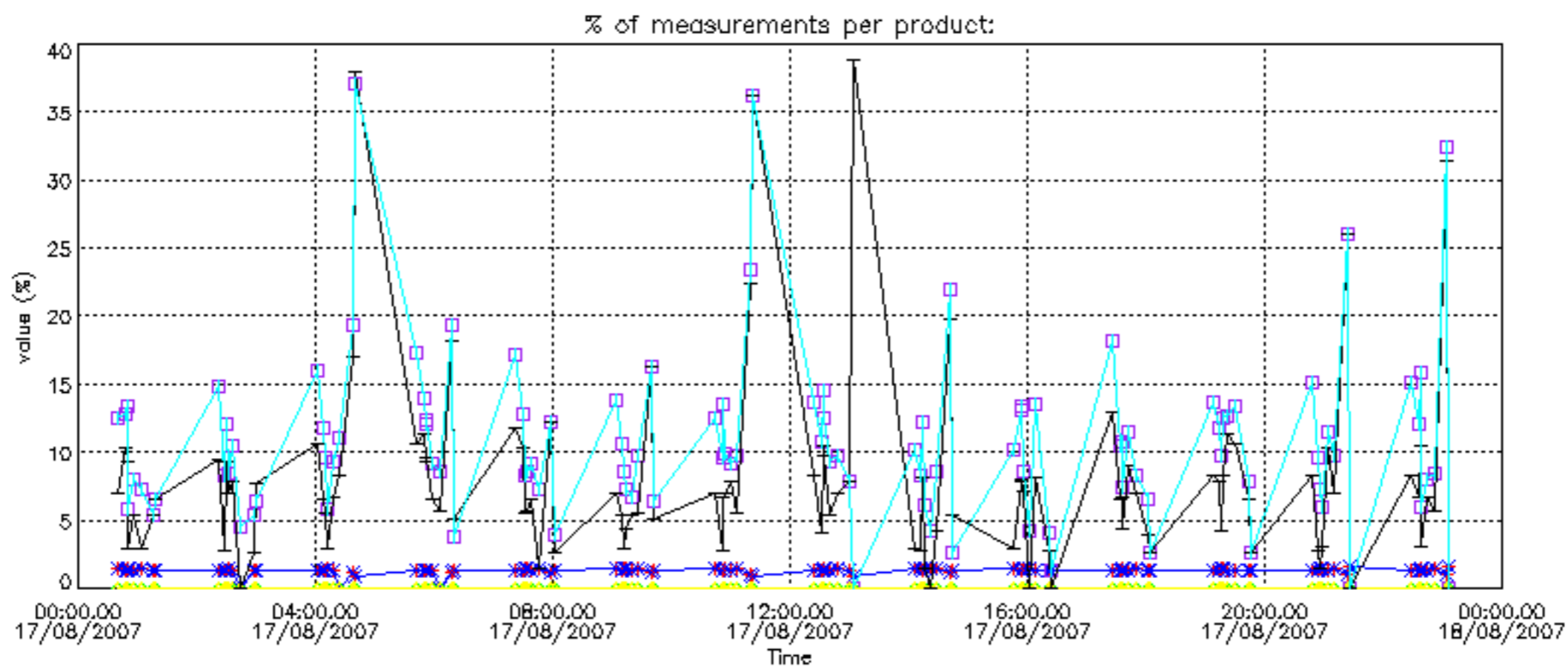
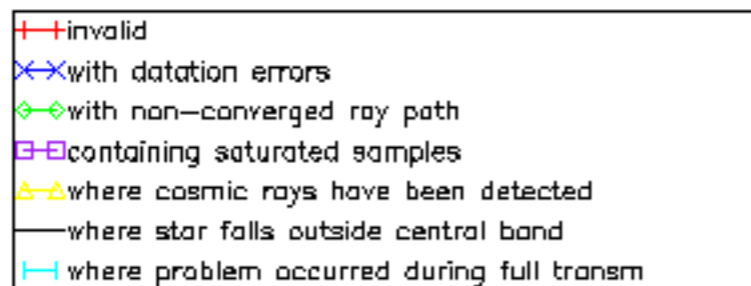
Percentage of flagged data per NO2 profile



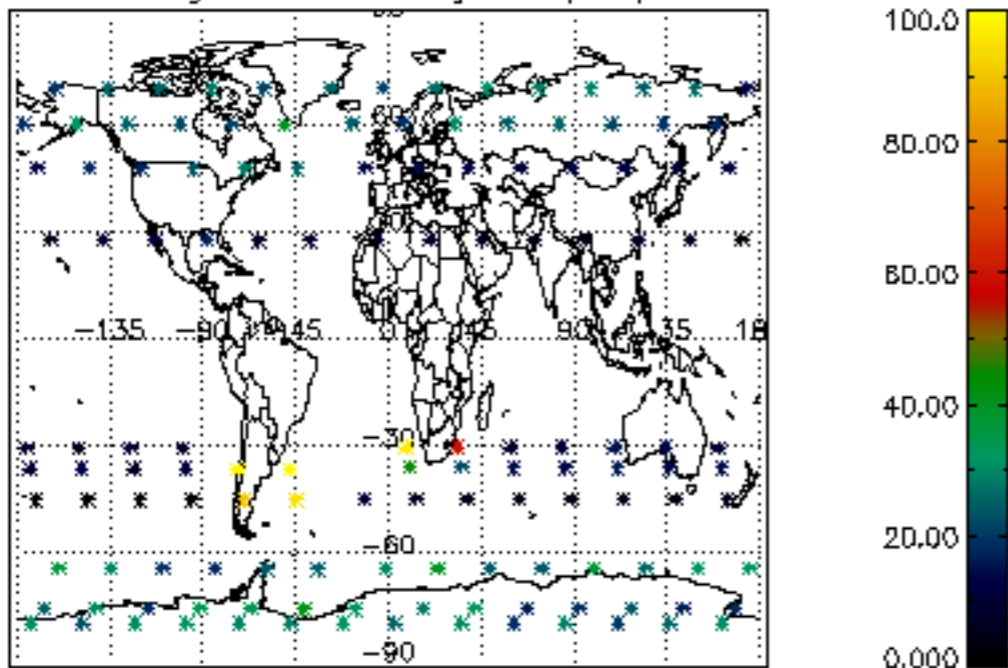
Percentage of flagged data per NO3 profile



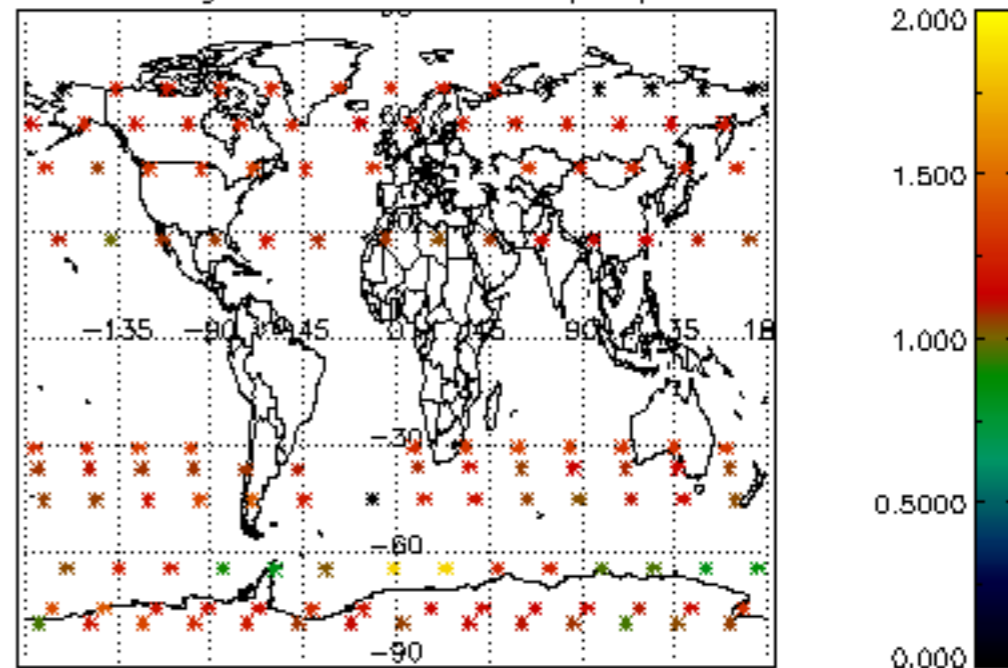




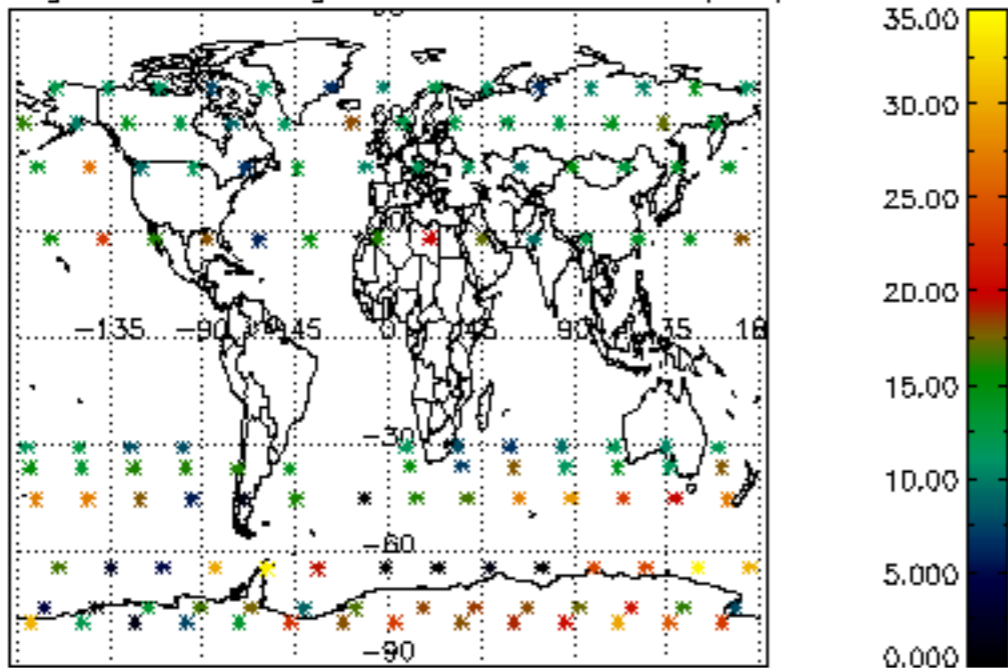
Percentage of cosmic ray hits per profile



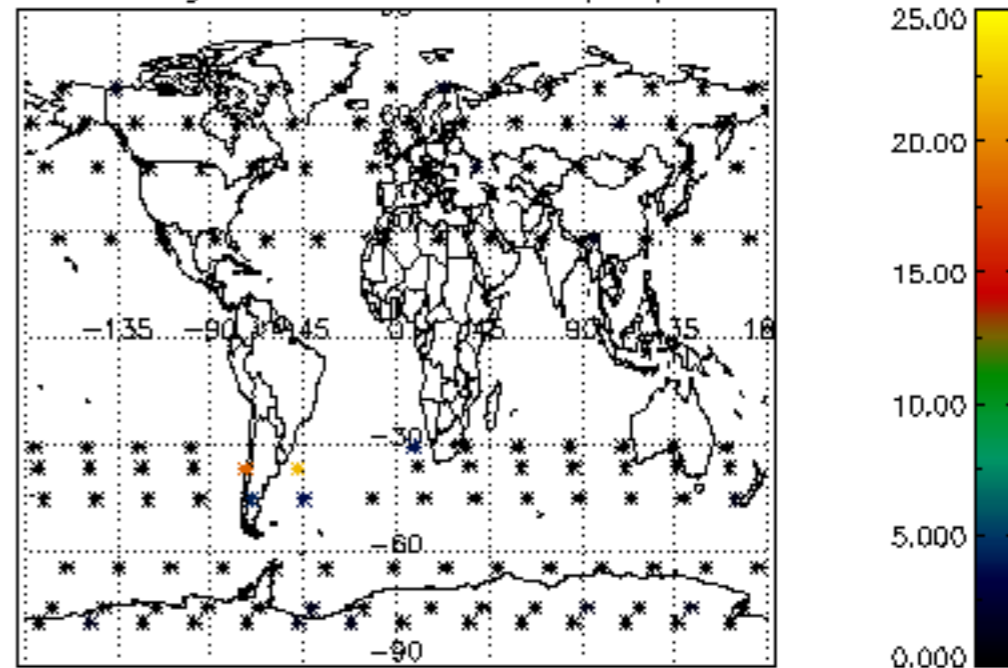
Percentage of datation errors per profile



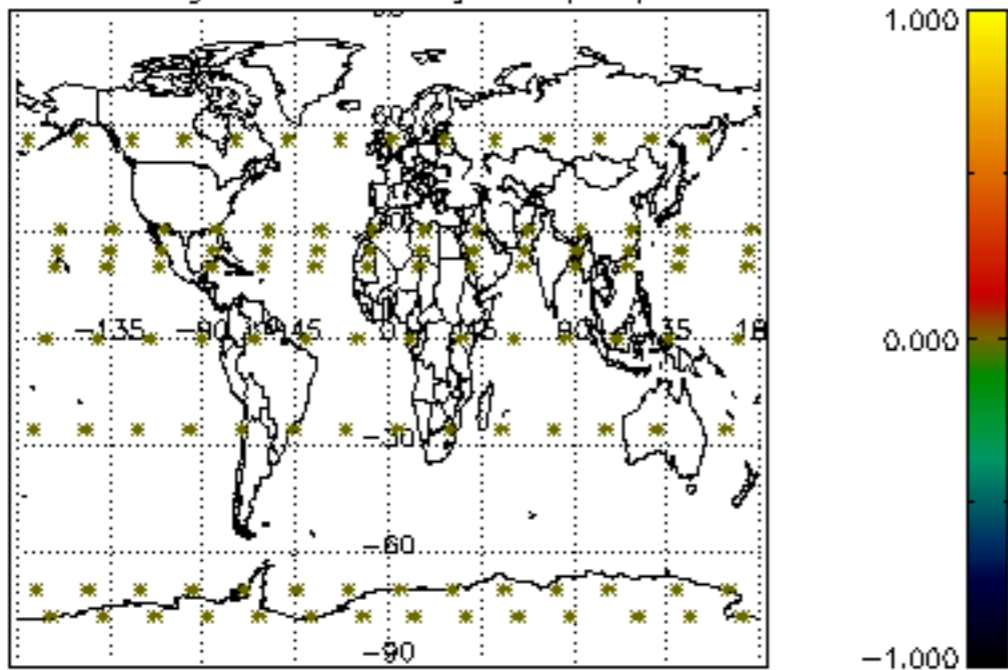
Percentage of star falling outside central band per profile



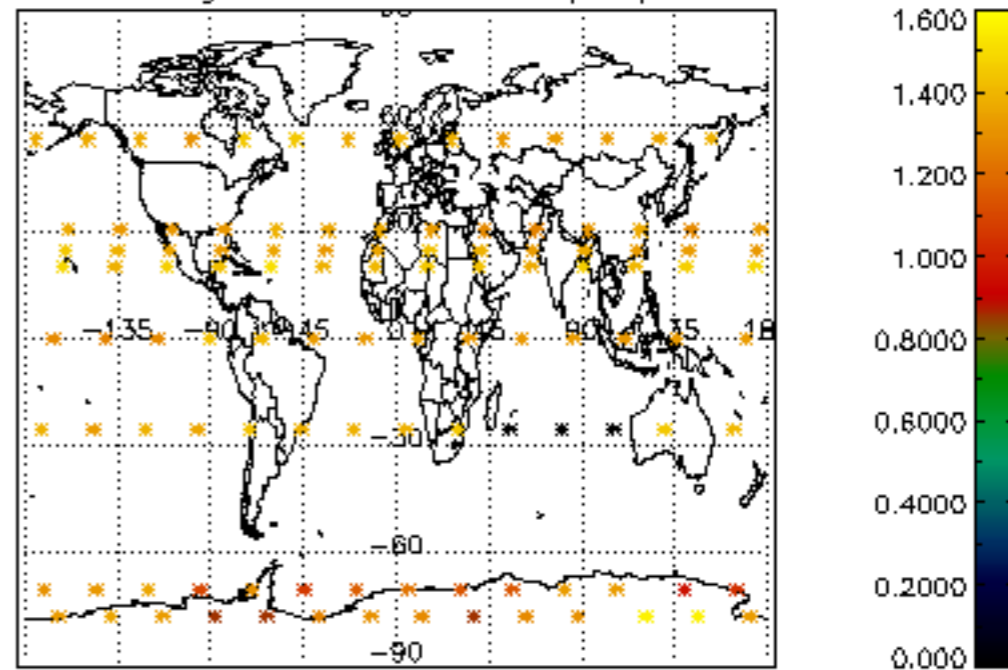
Percentage of saturation errors per profile



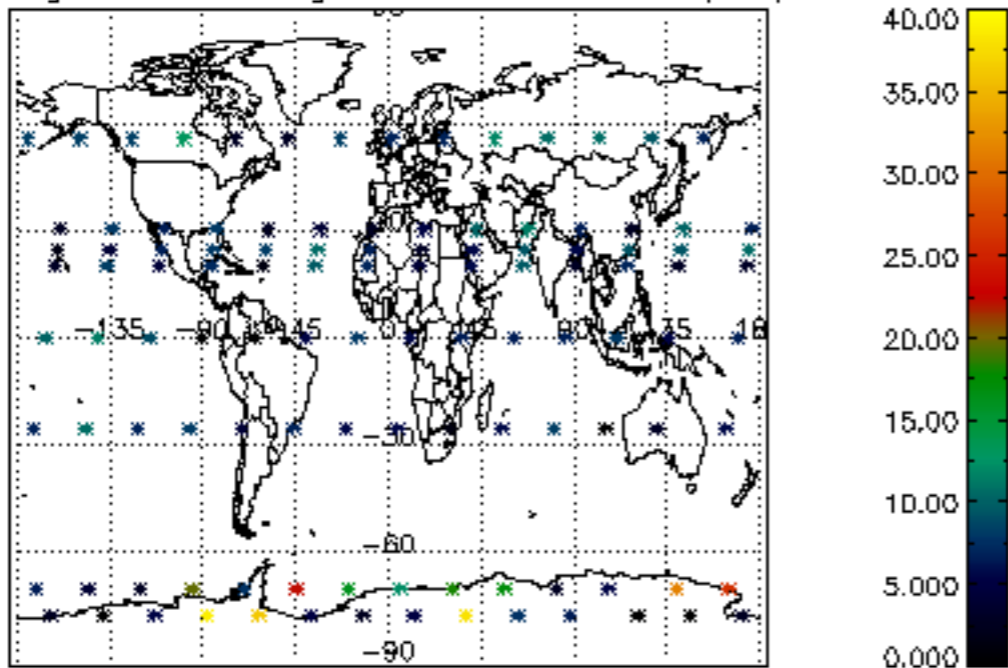
Percentage of cosmic ray hits per profile



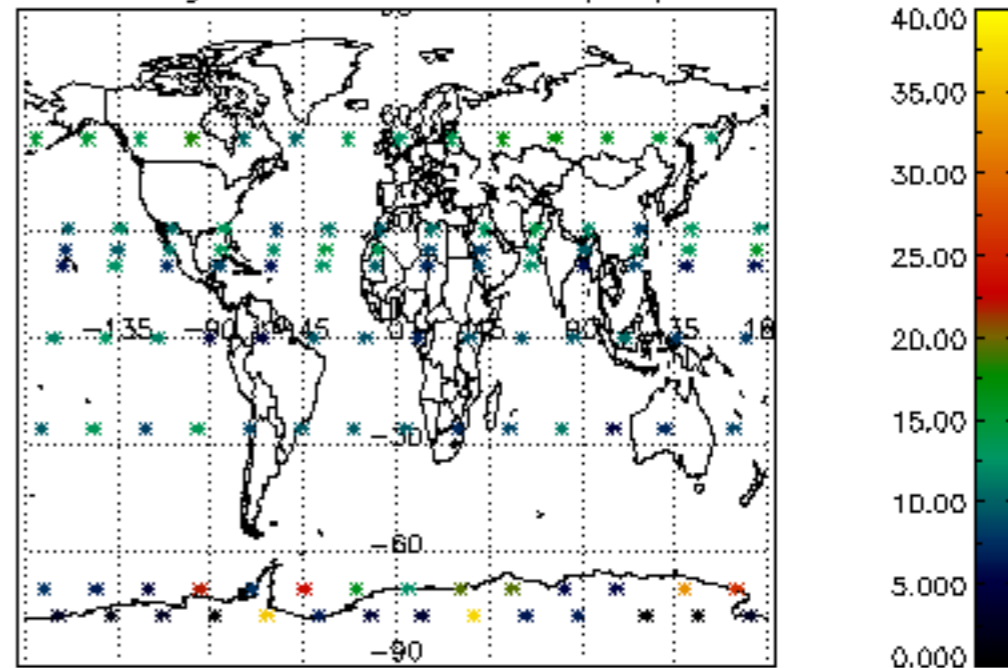
Percentage of datation errors per profile

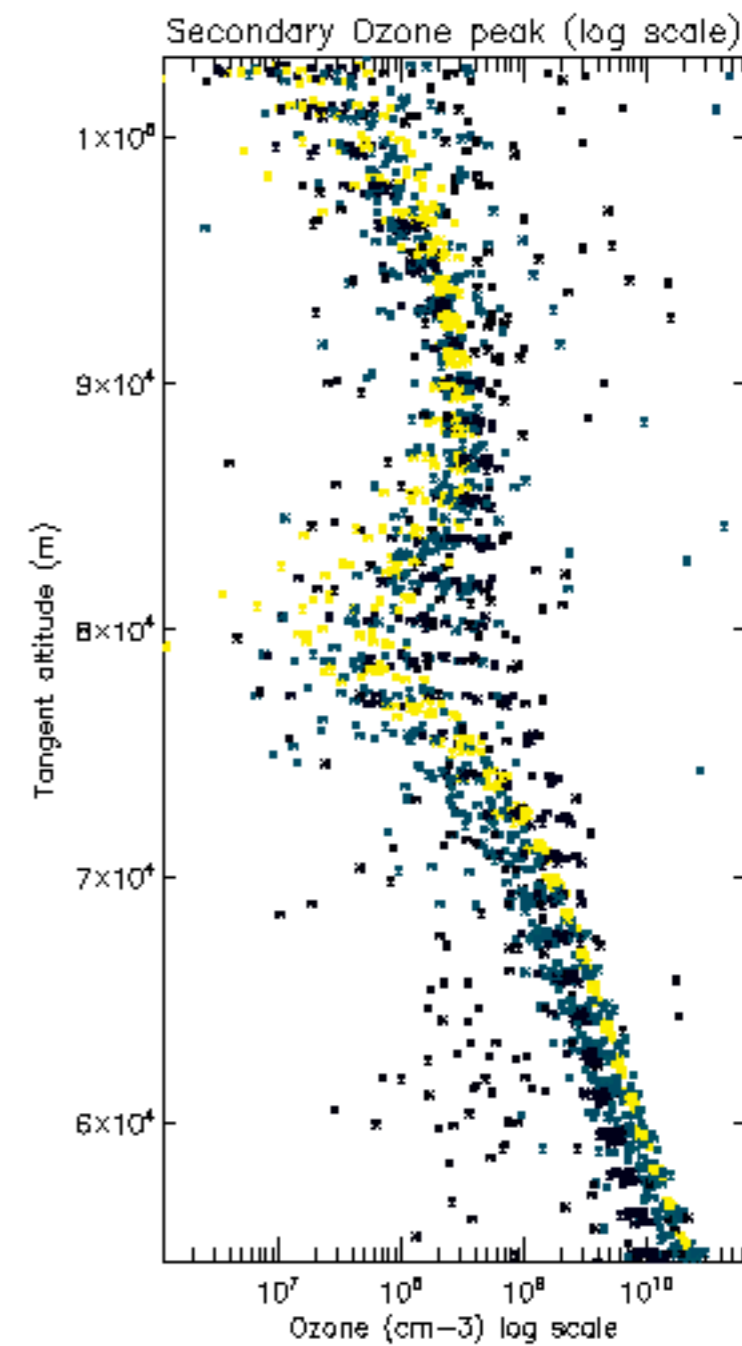
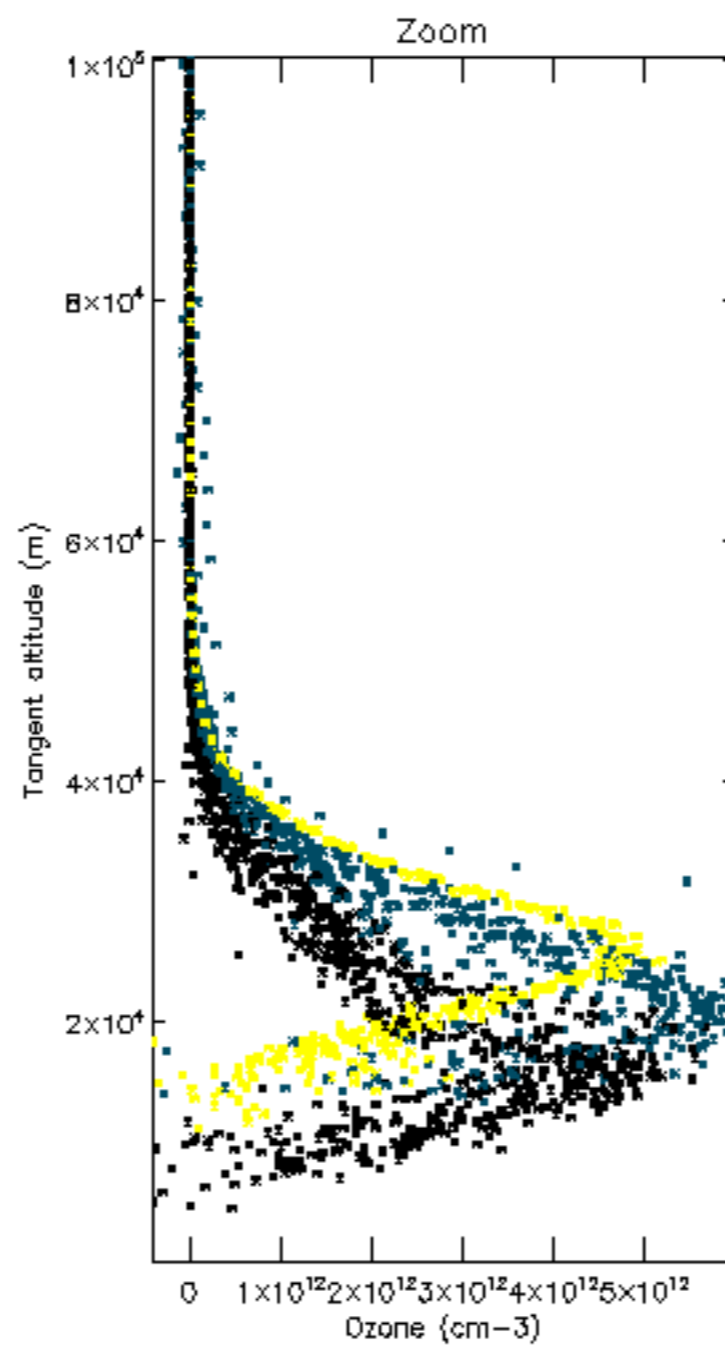
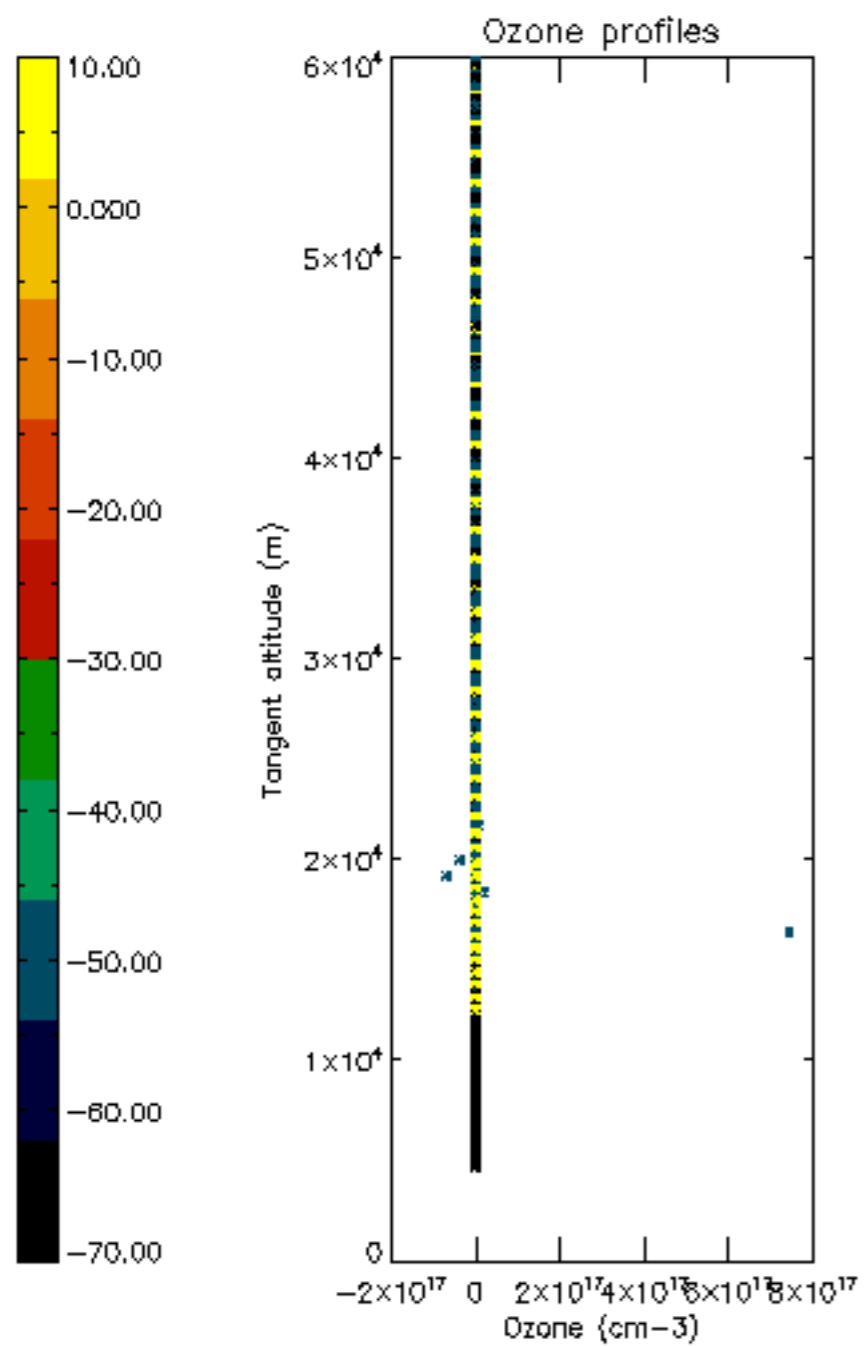


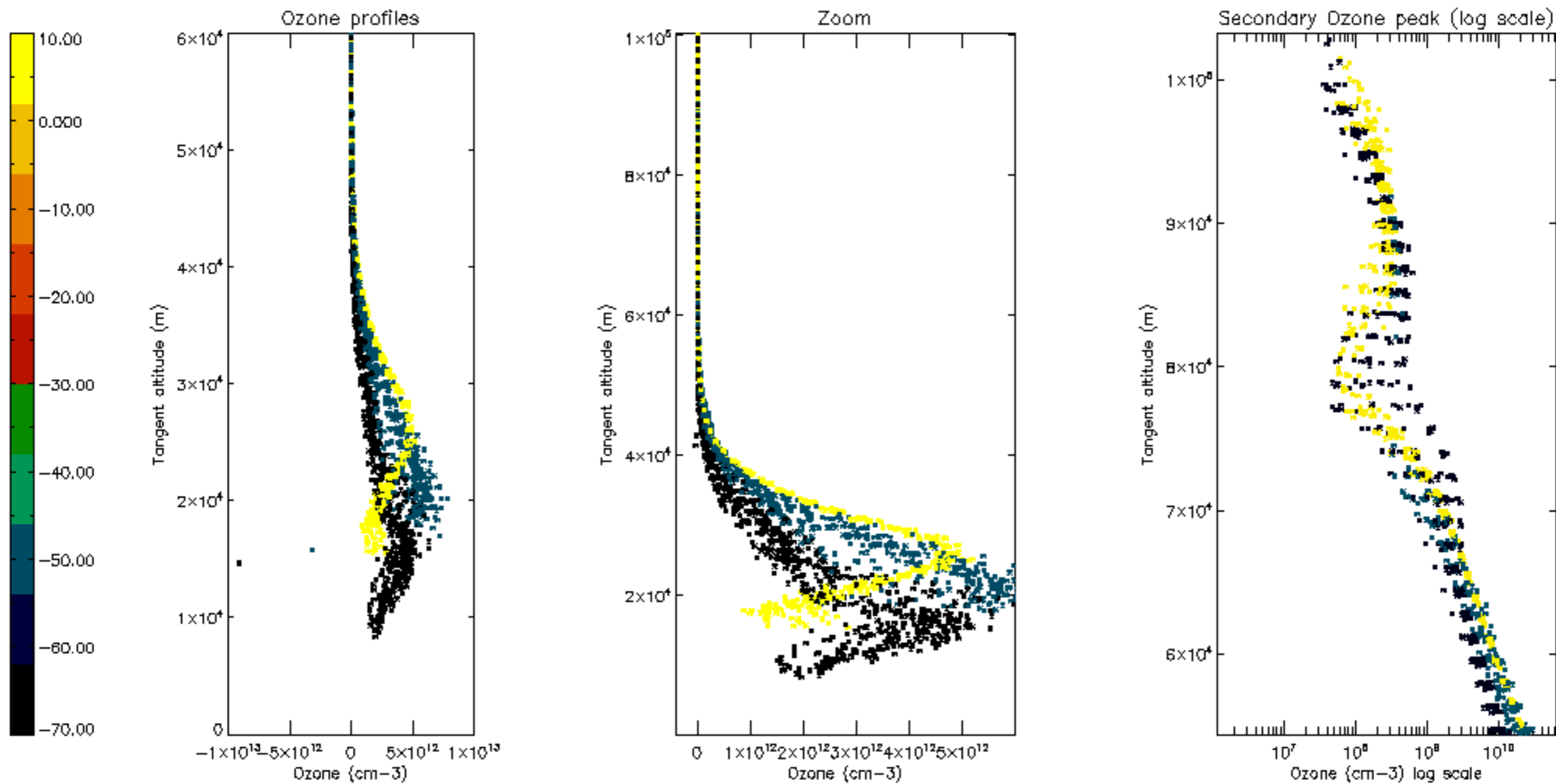
Percentage of star falling outside central band per profile

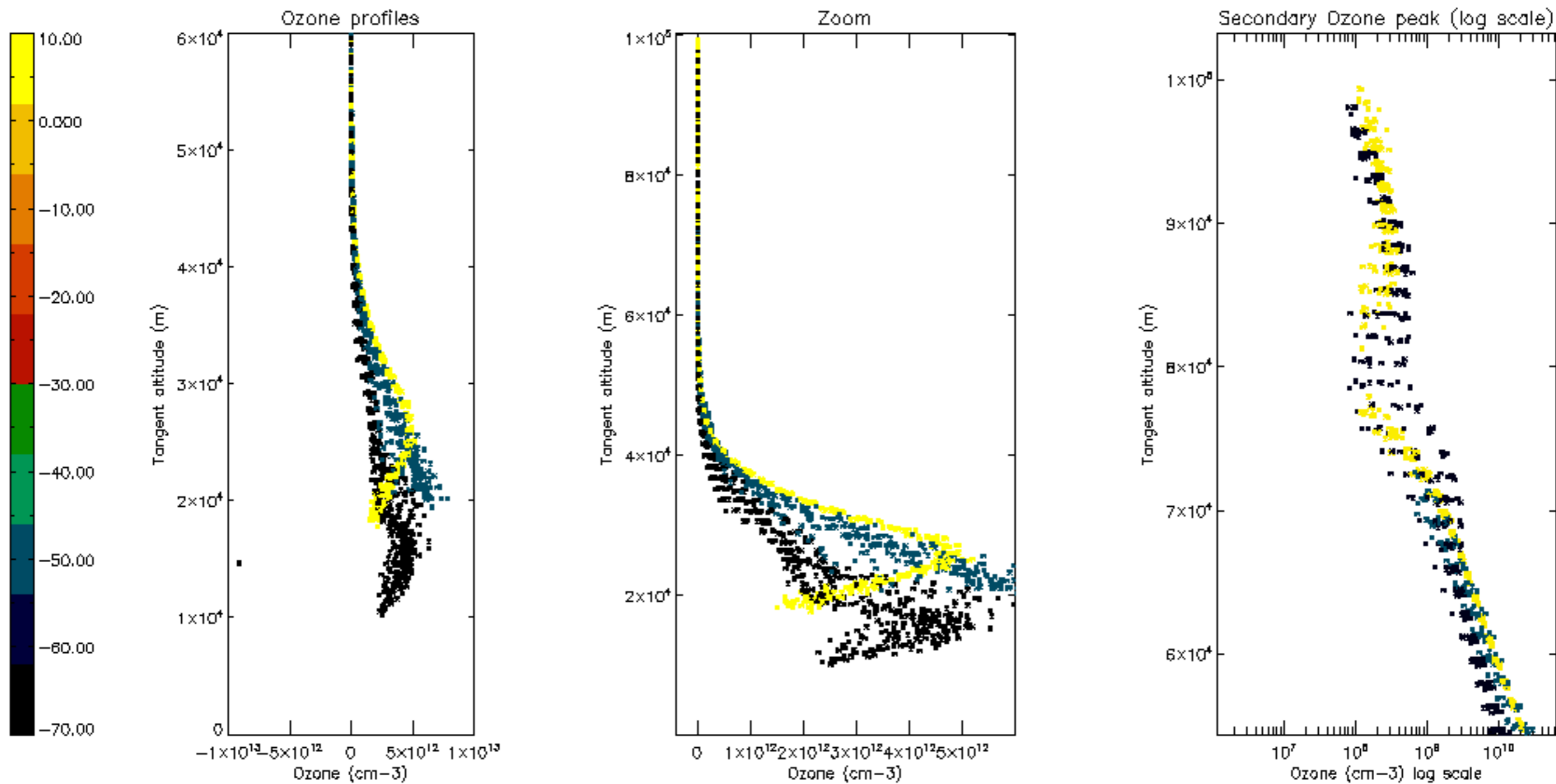


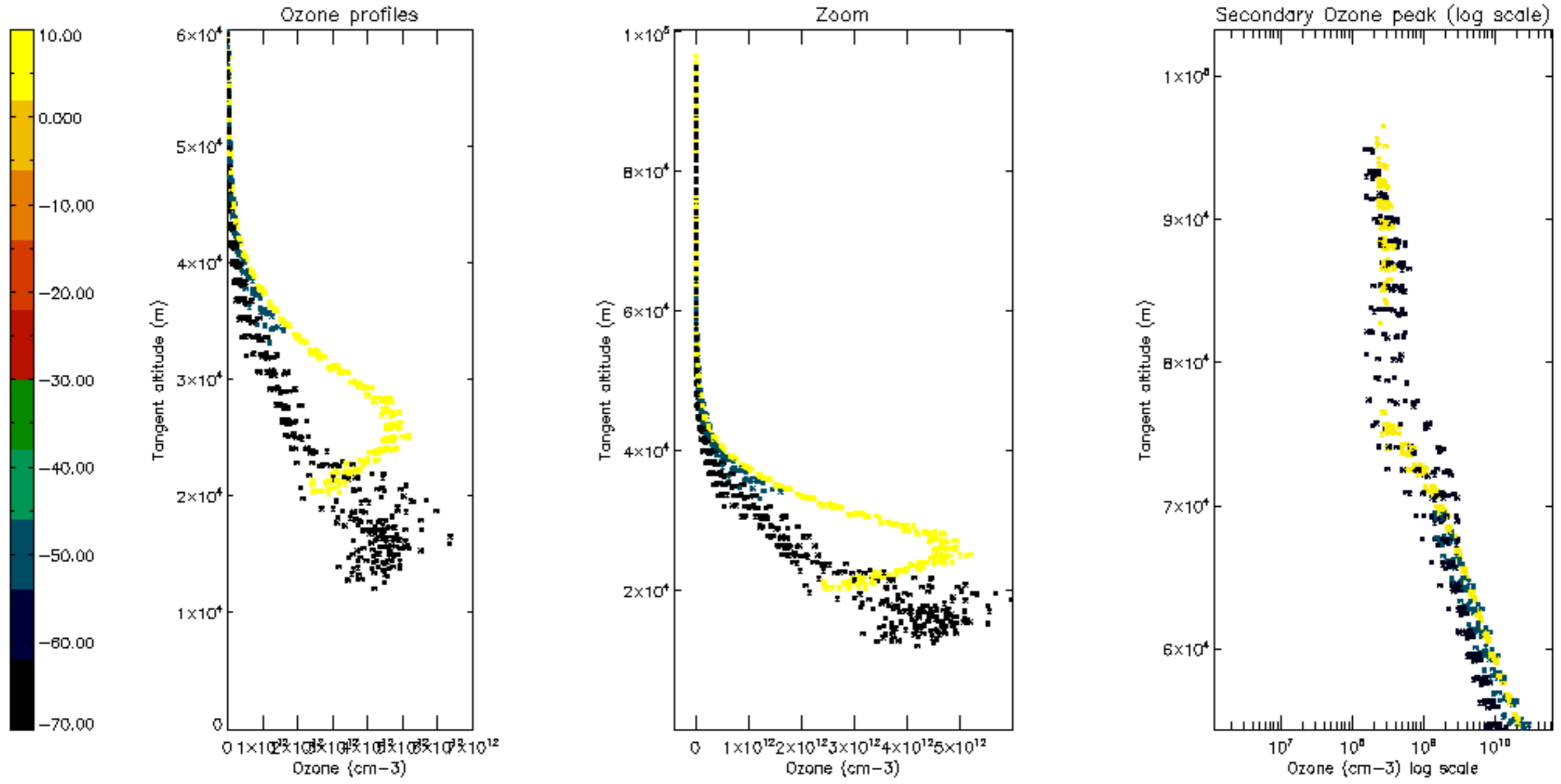
Percentage of saturation errors per profile

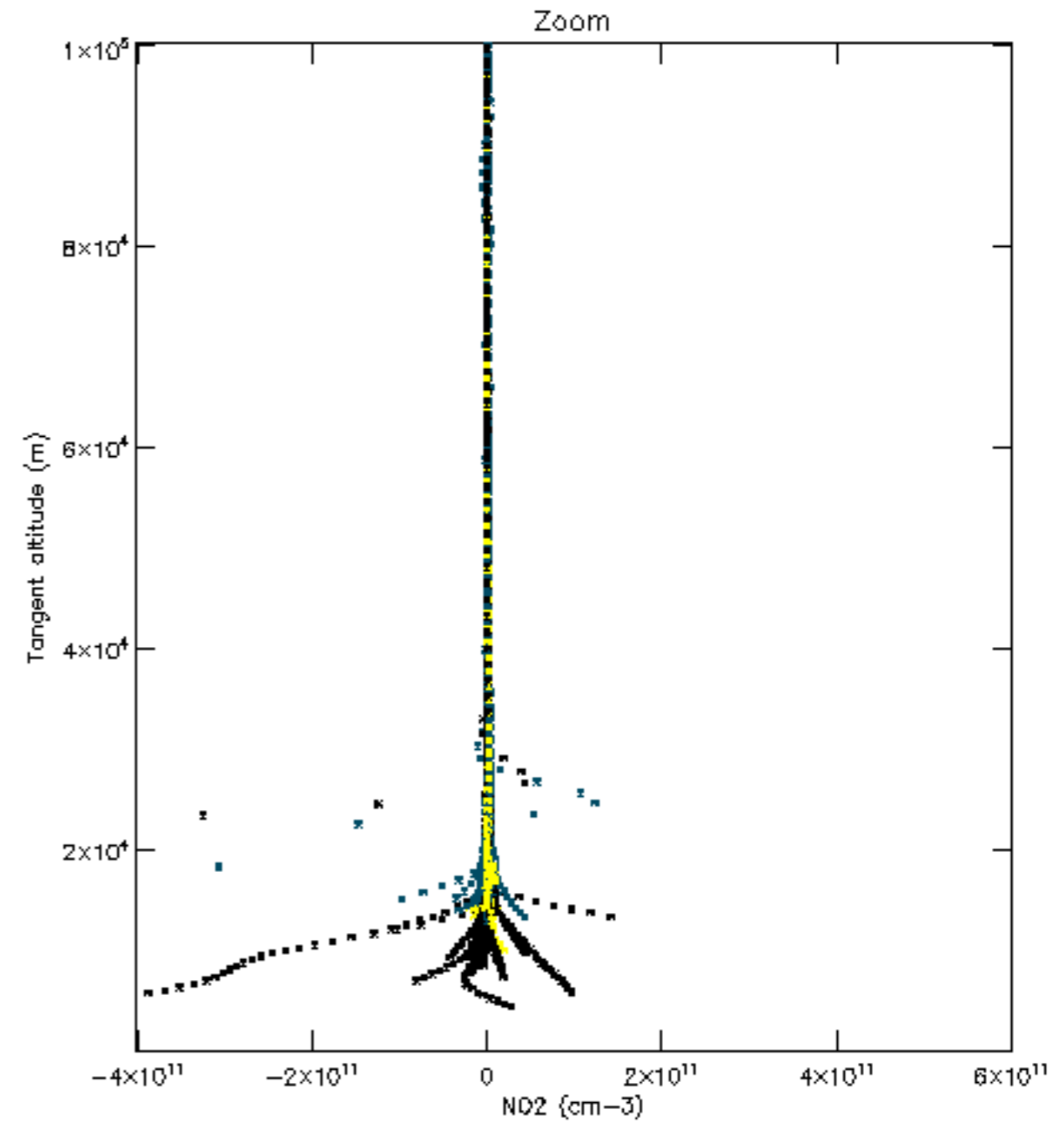
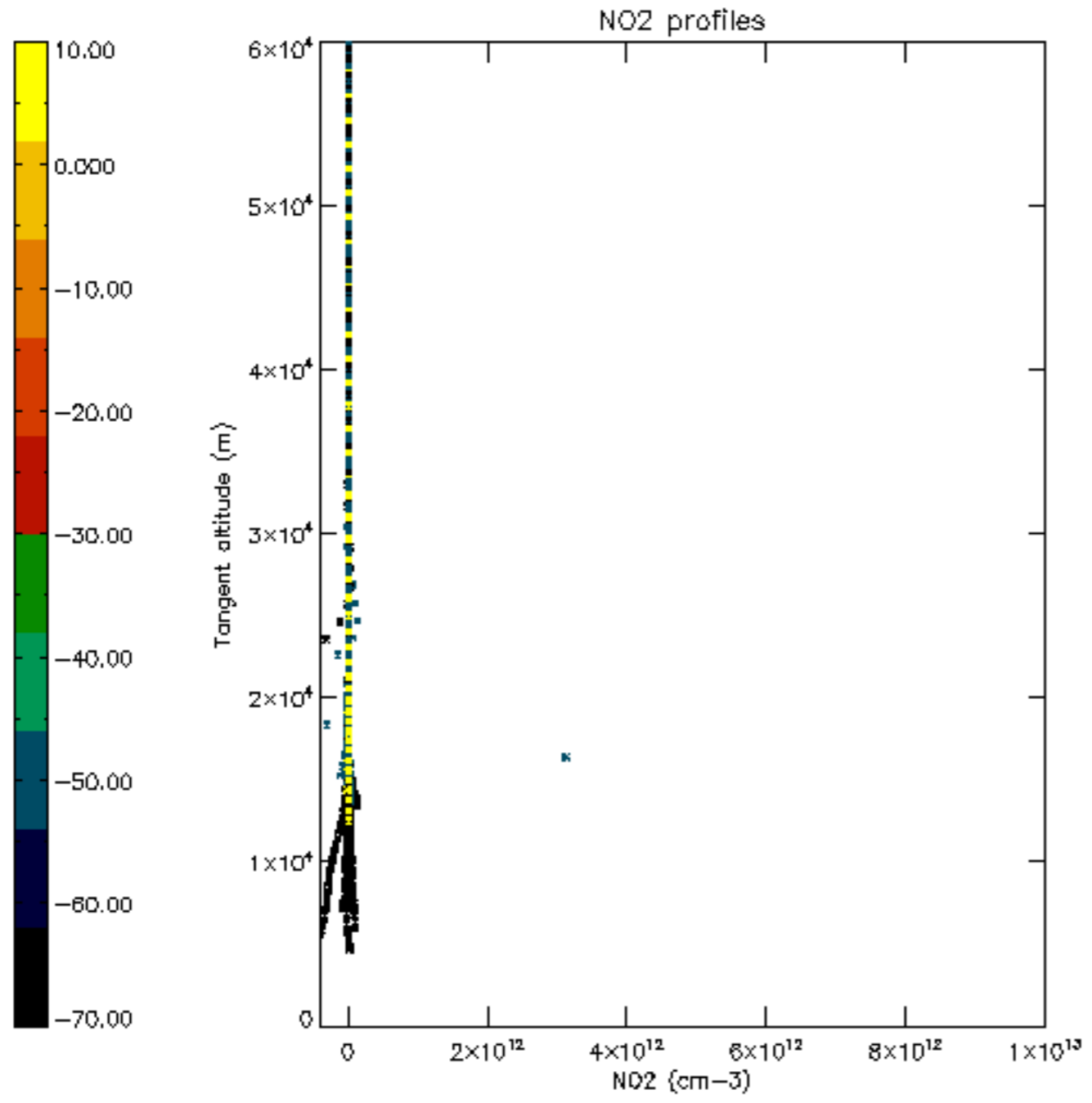


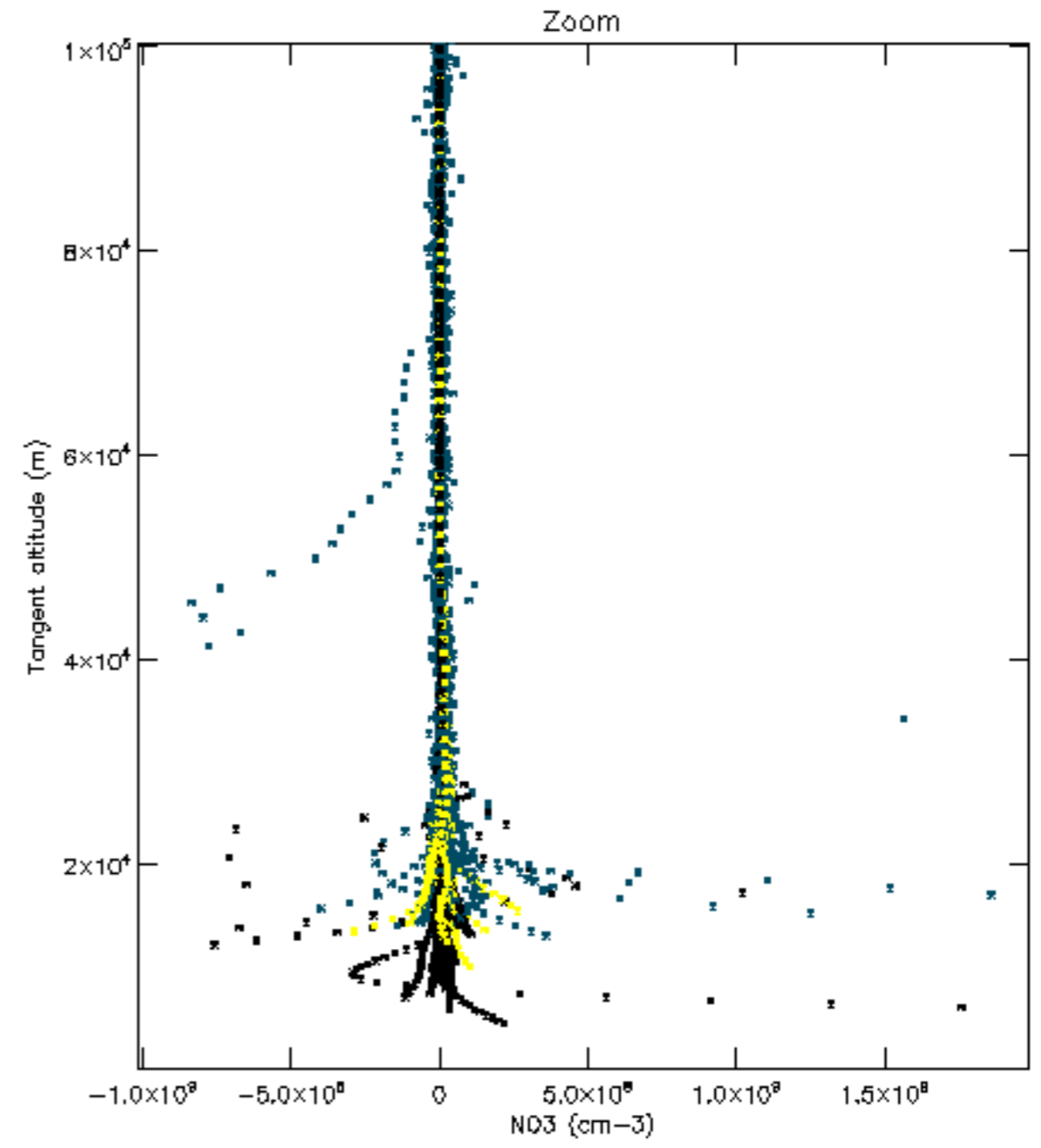
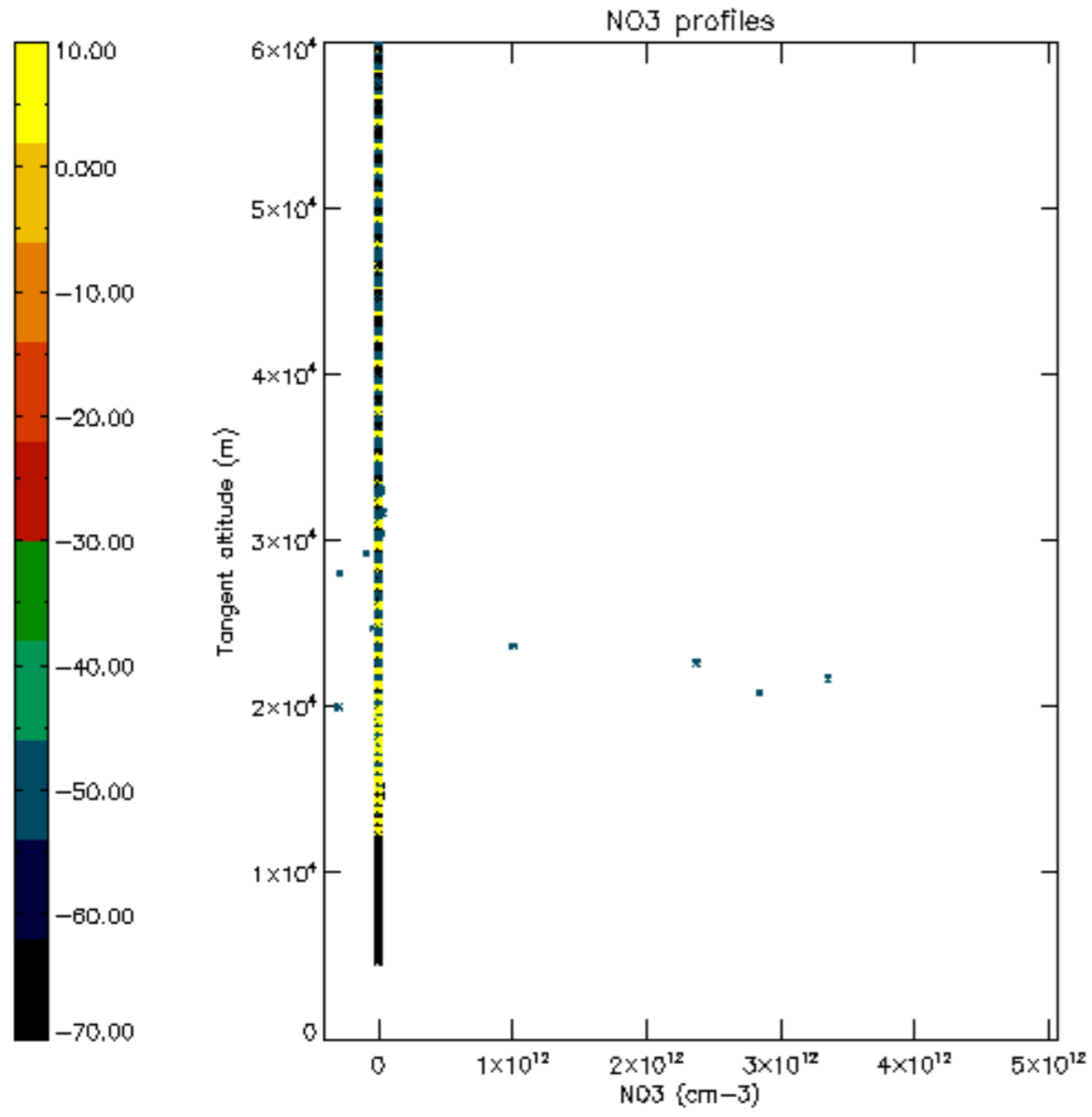


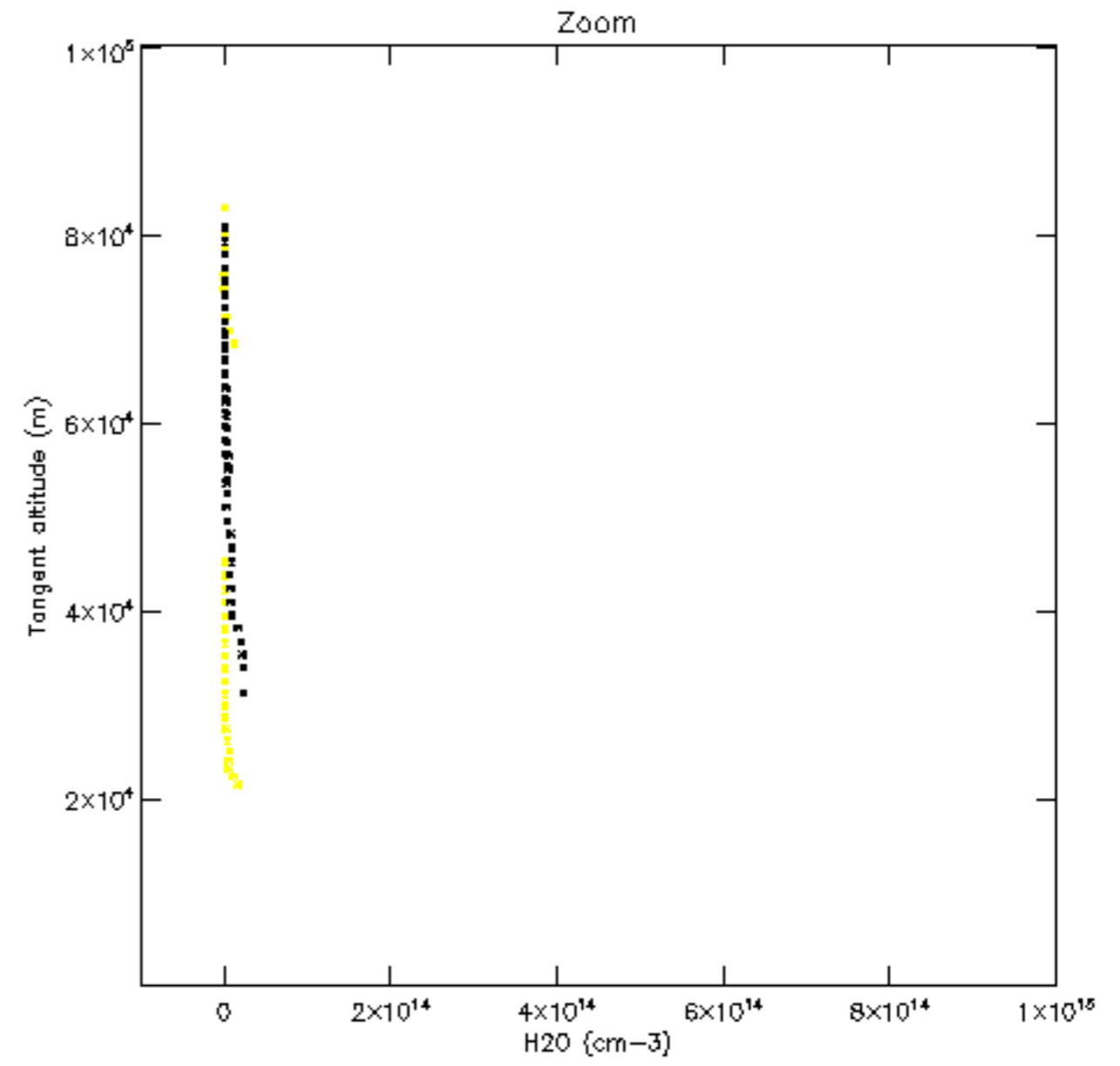
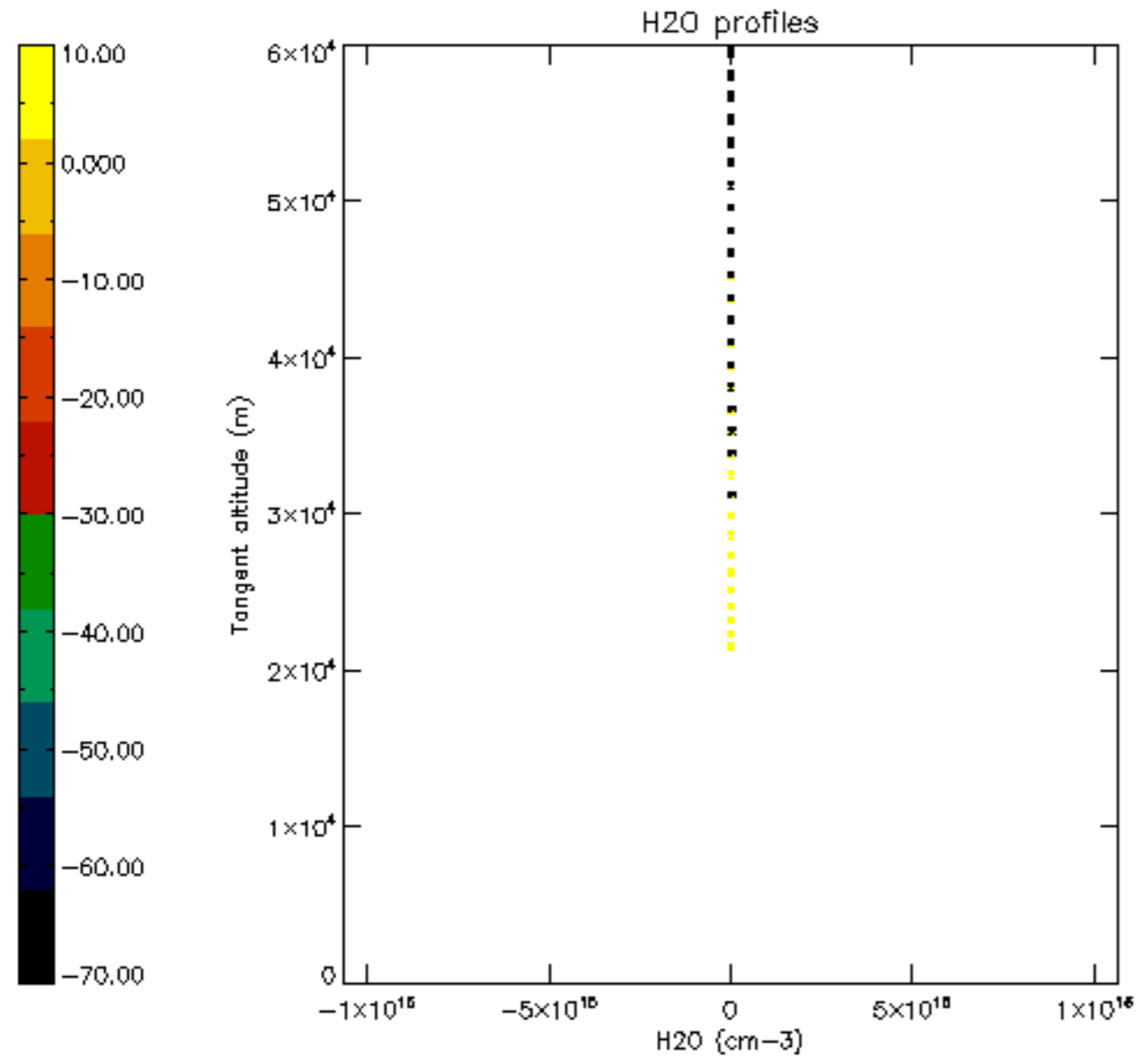


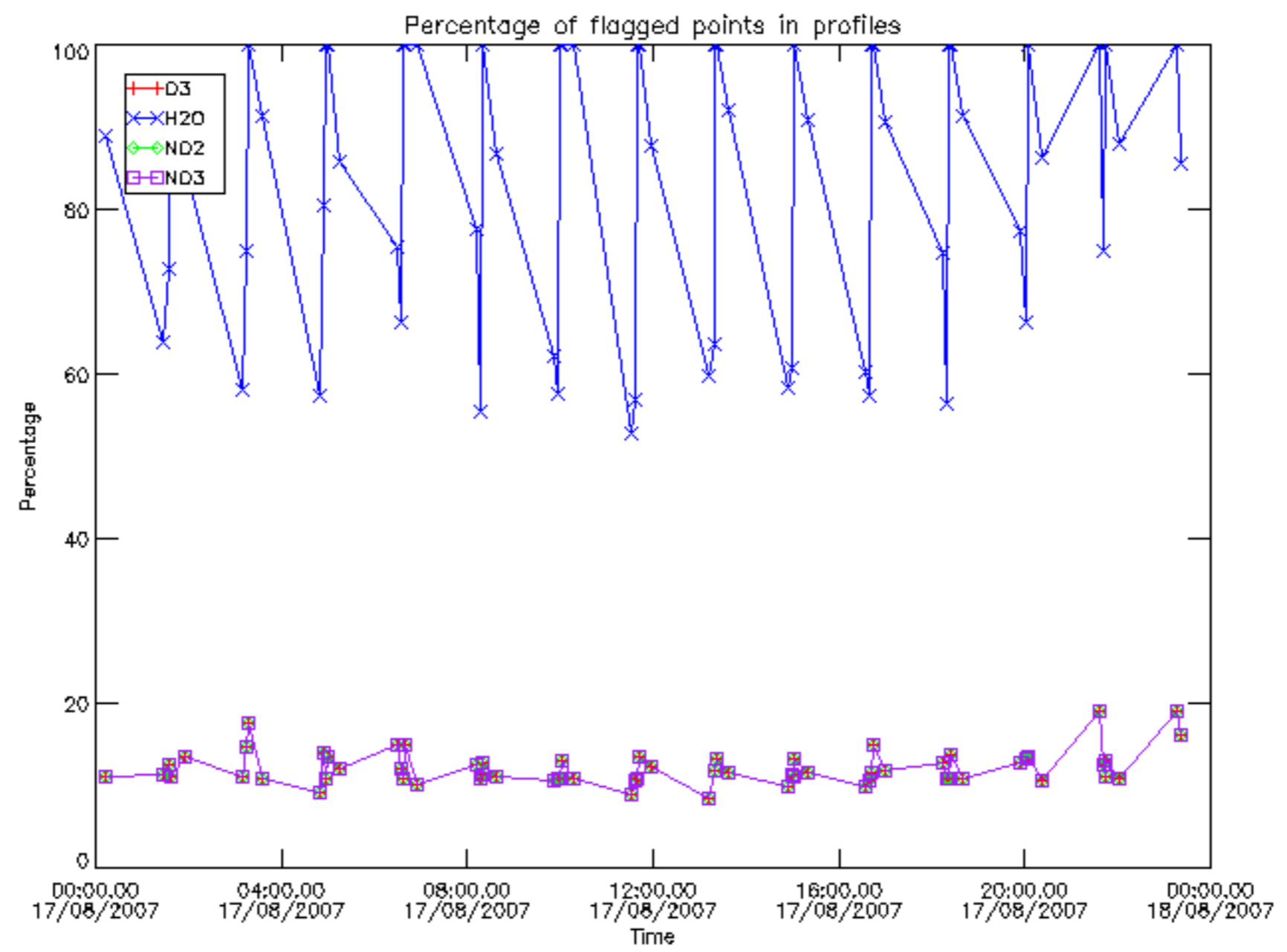




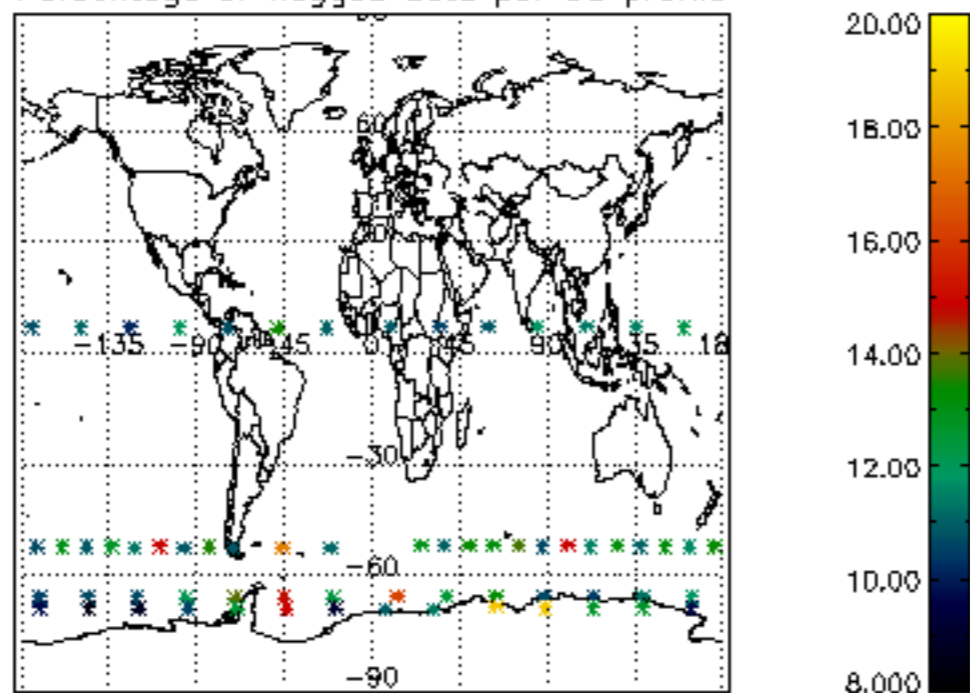




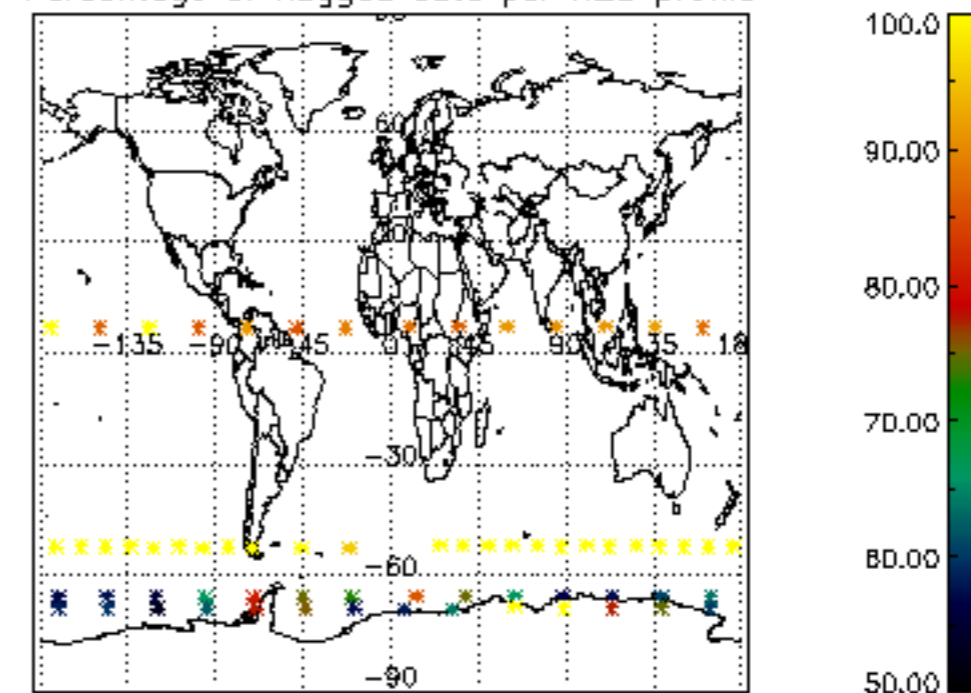




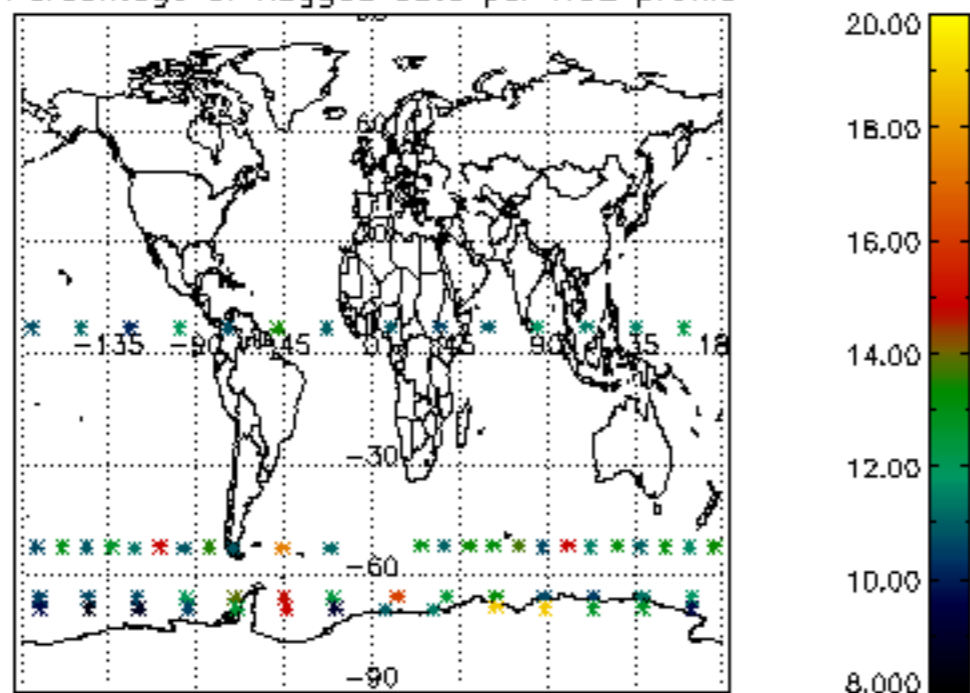
Percentage of flagged data per D3 profile



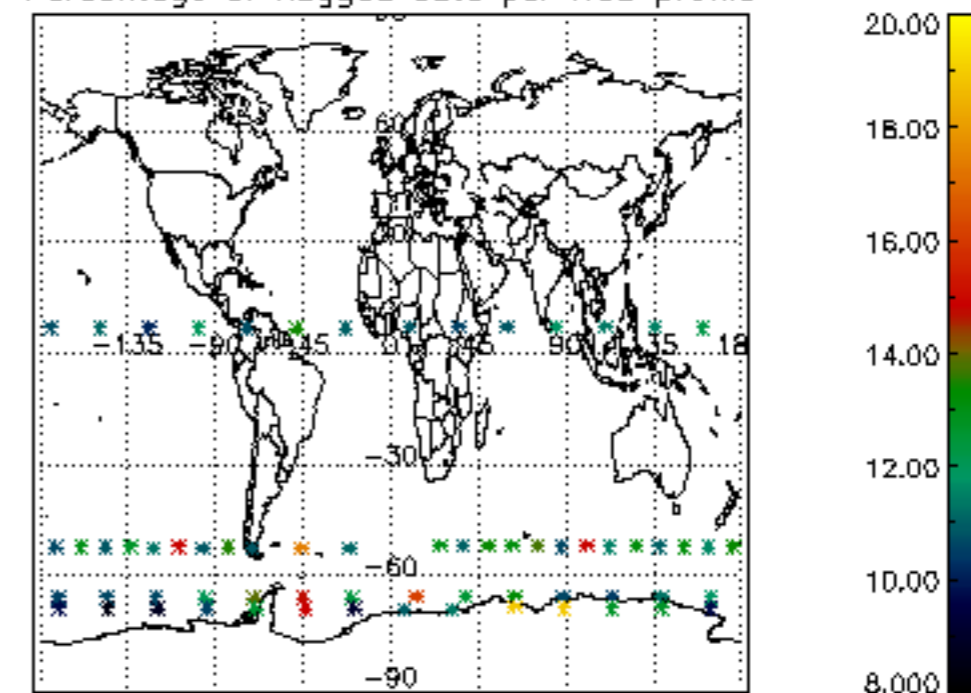
Percentage of flagged data per H2O profile

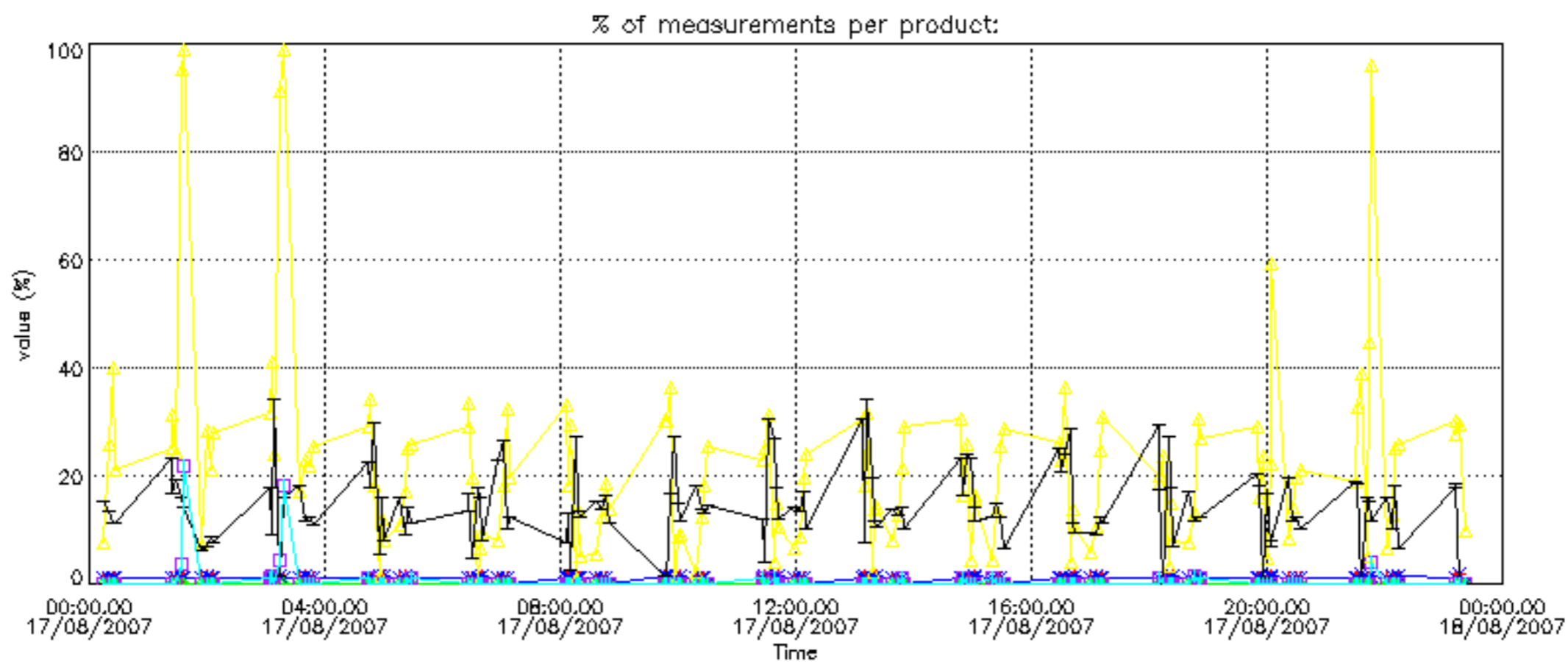
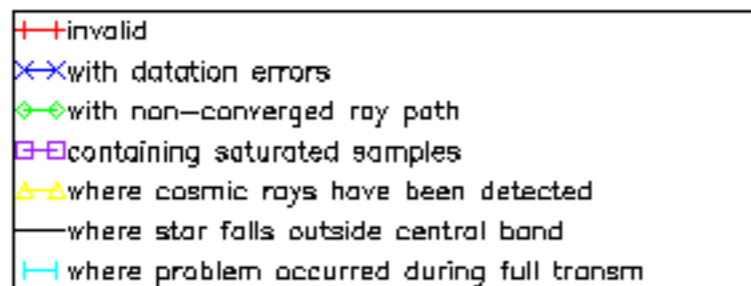


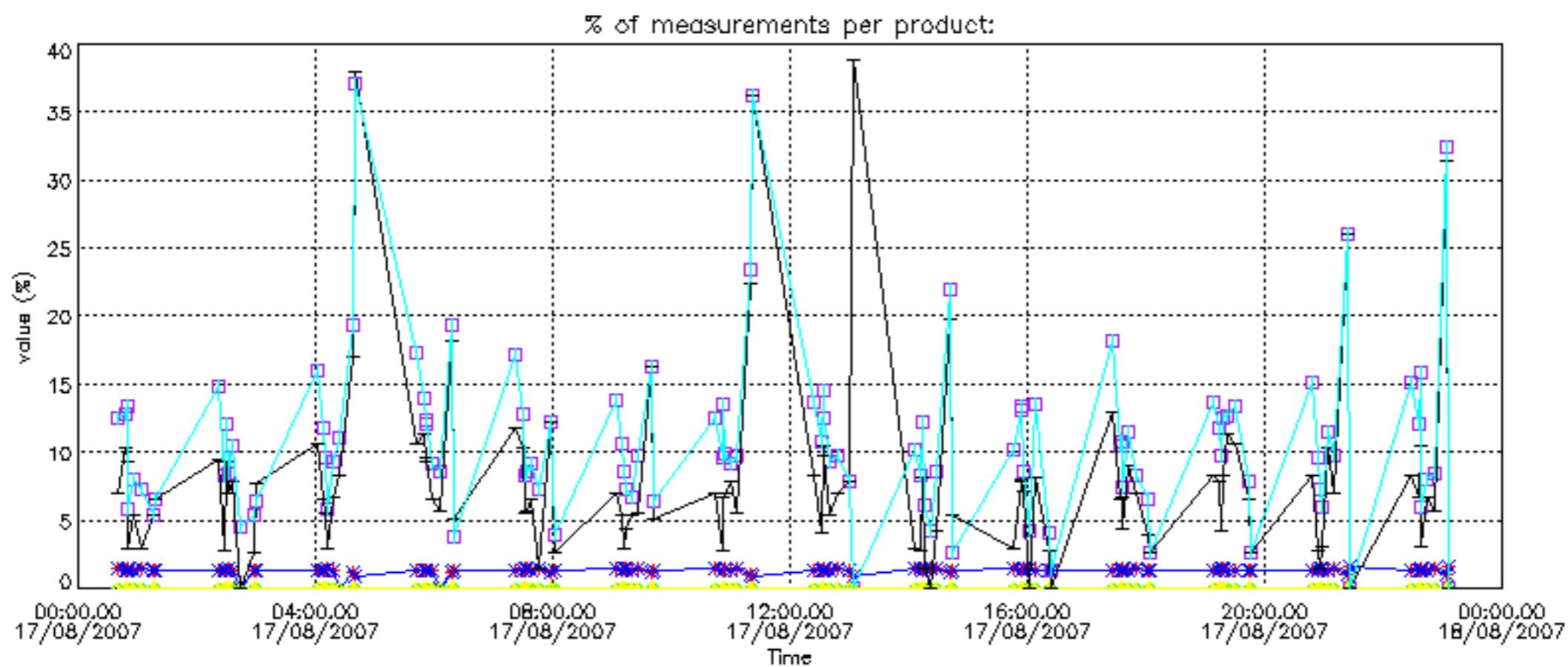
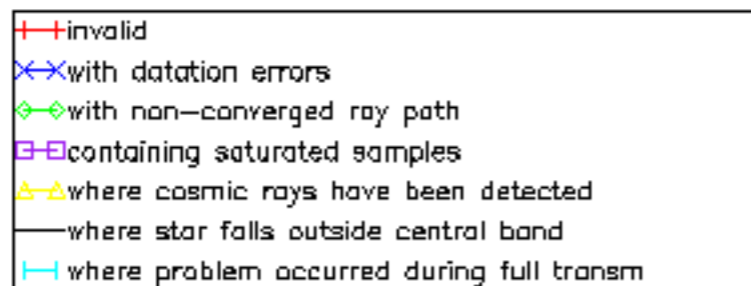
Percentage of flagged data per NO2 profile



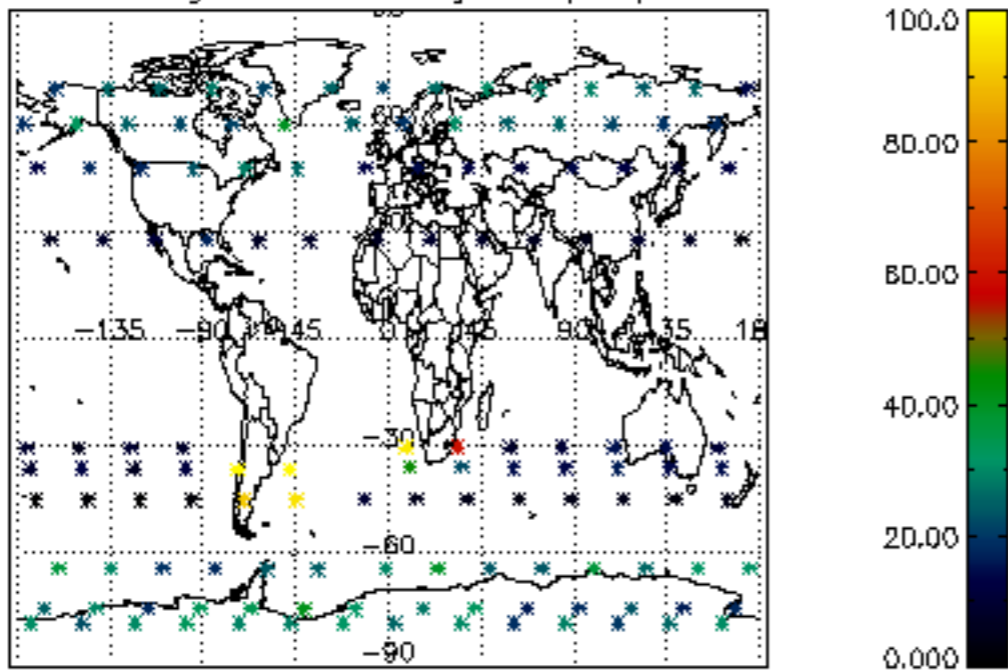
Percentage of flagged data per NO3 profile



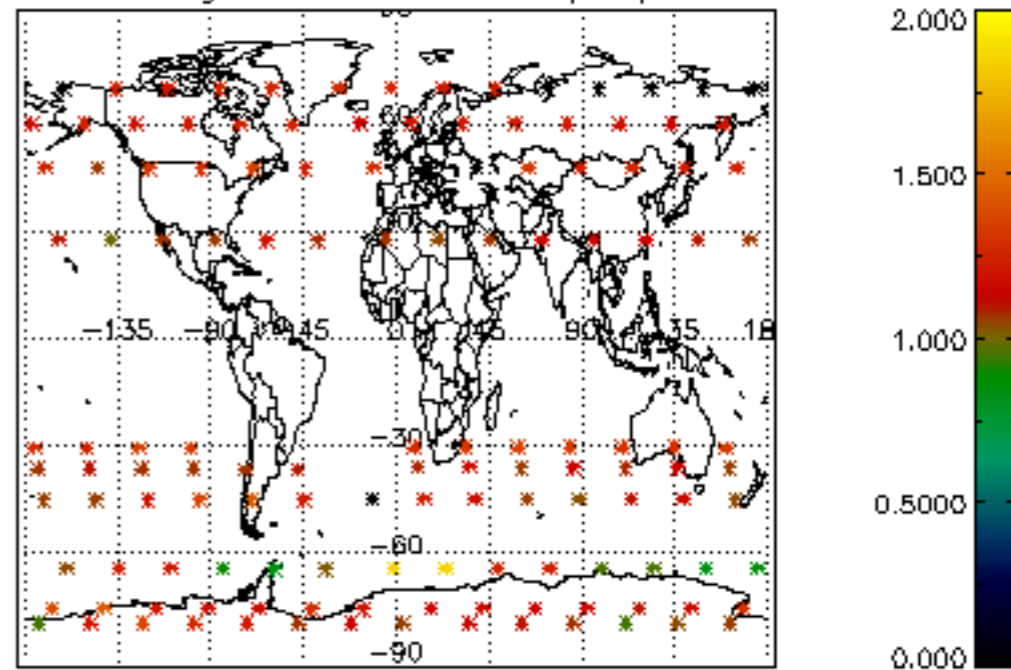




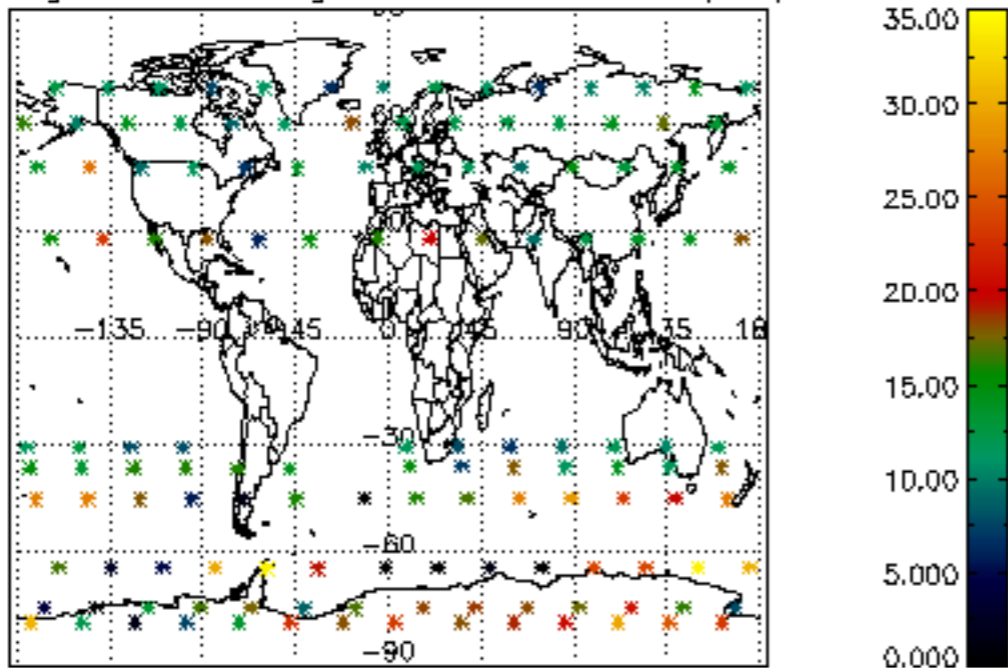
Percentage of cosmic ray hits per profile



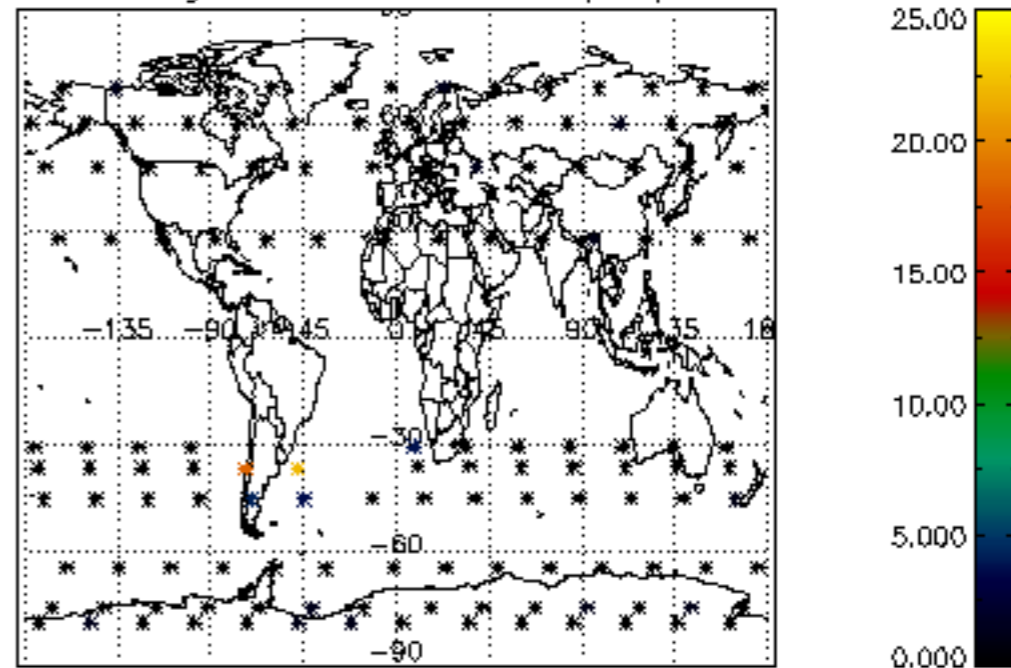
Percentage of datation errors per profile



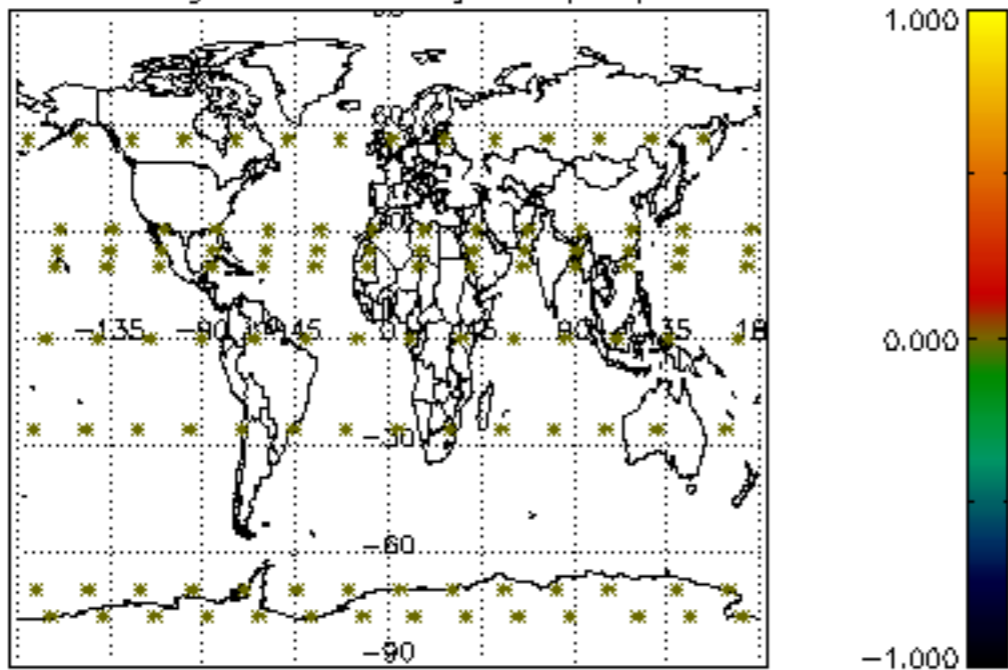
Percentage of star falling outside central band per profile



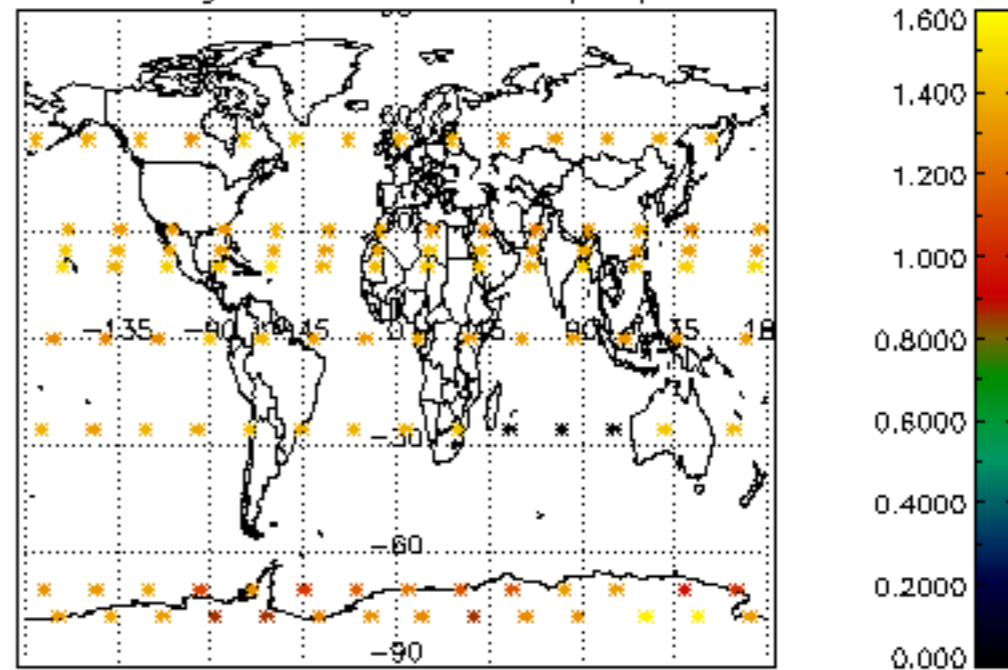
Percentage of saturation errors per profile



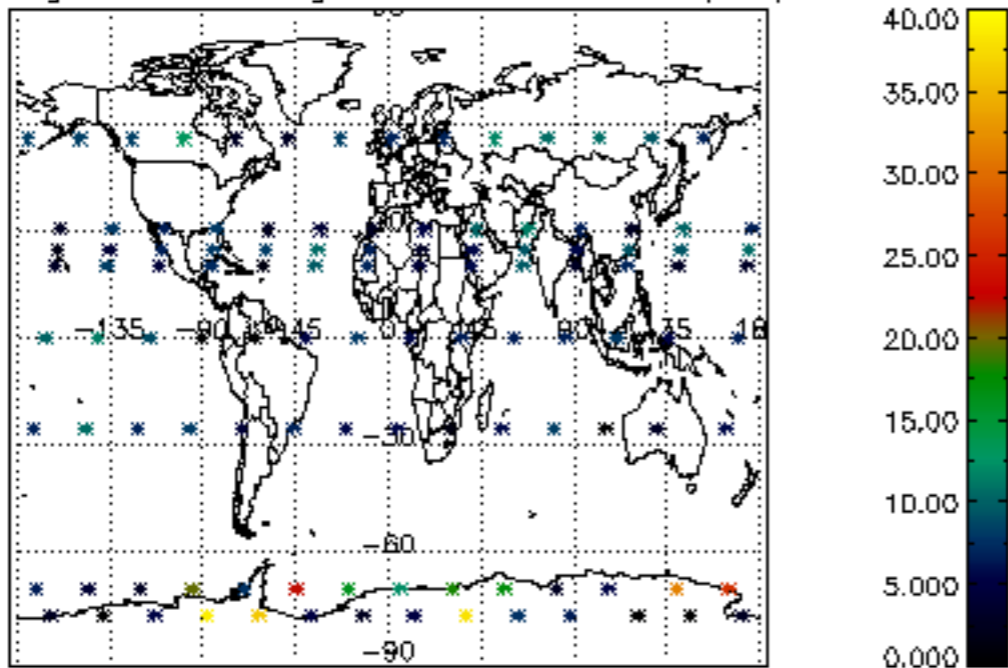
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

