

# 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 00:14:27
Data source version	GOMOS/6.01
Start time of products	14-08-2007 (14AUG2007 00:00:00)
Stop time of products	15-08-2007 (15AUG2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	267
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__2PRFIN20070814_000731_000000542060_00403_28513_7511.N1	14-AUG-2007 00:07:31	Dark	54.000	9	Alp Eri	0.45300	24000.	108	28513	No
2	GOM_NL__2PRFIN20070814_001329_000000432060_00403_28513_7512.N1	14-AUG-2007 00:13:29	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	28513	No
3	GOM_NL__2PRFIN20070814_001701_000000432060_00403_28513_7513.N1	14-AUG-2007 00:17:01	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	28513	No
4	GOM_NL__2PRFIN20070814_002001_000000432060_00403_28513_7514.N1	14-AUG-2007 00:20:01	Straylight	42.500	172	Gam Gru	3.0030	13100.	85	28513	No
5	GOM_NL__2PRFIN20070814_003442_000000372060_00403_28513_7515.N1	14-AUG-2007 00:34:42	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	28513	No
6	GOM_NL__2PRFIN20070814_004211_000000372060_00403_28513_7516.N1	14-AUG-2007 00:42:11	Bright	36.500	92	53Eps Cyg	2.5000	4500.0	73	28513	No
7	GOM_NL__2PRFIN20070814_004343_000000382060_00403_28513_7517.N1	14-AUG-2007 00:43:43	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	28513	No
8	GOM_NL__2PRFIN20070814_004523_000000402060_00403_28513_7518.N1	14-AUG-2007 00:45:23	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	28513	No
9	GOM_NL__2PRFIN20070814_005047_000000392060_00403_28513_7519.N1	14-AUG-2007 00:50:47	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	28513	No
10	GOM_NL__2PRFIN20070814_005739_000000362060_00403_28513_7520.N1	14-AUG-2007 00:57:39	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28513	No
11	GOM_NL__2PRFIN20070814_011041_000000562060_00403_28513_7521.N1	14-AUG-2007 01:10:41	Bright	56.000	42	34Bet Aur	1.9000	10200.	112	28513	No
12	GOM_NL__2PRFIN20070814_011305_000000482060_00403_28513_7522.N1	14-AUG-2007 01:13:05	Bright	47.500	107	37The Aur	2.6490	11000.	95	28513	No
13	GOM_NL__2PRFIN20070814_011719_000000472060_00403_28513_7523.N1	14-AUG-2007 01:17:19	Bright	47.000	151	13Mu Gem	2.8900	3000.0	94	28513	No
14	GOM_NL__2PRFIN20070814_011853_000000412060_00403_28513_7524.N1	14-AUG-2007 01:18:53	Twilight	40.500	44	24Gam Gem	1.9280	11000.	81	28513	No
15	GOM_NL__2PRFIN20070814_012217_000000542060_00403_28513_7525.N1	14-AUG-2007 01:22:17	Dark	54.000	14	58Alp Ori	0.87000	3000.0	108	28513	No
16	GOM_NL__2PRFIN20070814_012523_000000482060_00403_28513_7526.N1	14-AUG-2007 01:25:23	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	28513	No
17	GOM_NL__2PRFIN20070814_012758_000000452060_00403_28513_7527.N1	14-AUG-2007 01:27:58	Dark	44.500	1	9Alp CMa	-1.4400	11000.	89	28513	No
18	GOM_NL__2PRFIN20070814_014807_000000492060_00404_28514_7519.N1	14-AUG-2007 01:48:07	Dark	48.500	9	Alp Eri	0.45300	24000.	97	28514	No
19	GOM_NL__2PRFIN20070814_015405_000000442060_00404_28514_7520.N1	14-AUG-2007 01:54:05	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	28514	No
20	GOM_NL__2PRFIN20070814_015737_000000452060_00404_28514_7521.N1	14-AUG-2007 01:57:37	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	28514	No
21	GOM_NL__2PRFIN20070814_020037_000000412060_00404_28514_7522.N1	14-AUG-2007 02:00:37	Straylight	40.500	172	Gam Gru	3.0030	13100.	81	28514	No
22	GOM_NL__2PRFIN20070814_021518_000000522060_00404_28514_7523.N1	14-AUG-2007 02:15:18	Bright	52.000	11	53Alp Aql	0.76500	8000.0	104	28514	No
23	GOM_NL__2PRFIN20070814_022247_000000372060_00404_28514_7524.N1	14-AUG-2007 02:22:47	Bright	37.000	92	53Eps Cyg	2.5000	4500.0	74	28514	No
24	GOM_NL__2PRFIN20070814_022419_000000382060_00404_28514_7525.N1	14-AUG-2007 02:24:19	Bright	38.000	66	37Gam Cyg	2.2080	5900.0	76	28514	No
25	GOM_NL__2PRFIN20070814_022559_000000402060_00404_28514_7526.N1	14-AUG-2007 02:25:59	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	28514	No
26	GOM_NL__2PRFIN20070814_023122_000000372060_00404_28514_7527.N1	14-AUG-2007 02:31:22	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	28514	No
27	GOM_NL__2PRFIN20070814_023815_000000342060_00404_28514_7528.N1	14-AUG-2007 02:38:15	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	28514	No
28	GOM_NL__2PRFIN20070814_025117_000000372060_00404_28514_7529.N1	14-AUG-2007 02:51:17	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	28514	No
29	GOM_NL__2PRFIN20070814_025341_000000512060_00404_28514_7530.N1	14-AUG-2007 02:53:41	Bright	50.500	107	37The Aur	2.6490	11000.	101	28514	No
30	GOM_NL__2PRFIN20070814_025755_000000462060_00404_28514_7531.N1	14-AUG-2007 02:57:55	Bright	46.000	151	13Mu Gem	2.8900	3000.0	92	28514	No
31	GOM_NL__2PRFIN20070814_025929_000000432060_00404_28514_7532.N1	14-AUG-2007 02:59:29	Twilight	43.000	44	24Gam Gem	1.9280	11000.	86	28514	No
32	GOM_NL__2PRFIN20070814_030253_000000522060_00404_28514_7533.N1	14-AUG-2007 03:02:53	Dark	52.000	14	58Alp Ori	0.87000	3000.0	104	28514	No
33	GOM_NL__2PRFIN20070814_030559_000000472060_00404_28514_7534.N1	14-AUG-2007 03:05:59	Dark	46.500	30	46Eps Ori	1.6940	30000.	93	28514	No
34	GOM_NL__2PRFIN20070814_030835_000000452060_00404_28514_7535.N1	14-AUG-2007 03:08:35	Dark	44.500	1	9Alp CMa	-1.4400	11000.	89	28514	No
35	GOM_NL__2PRFIN20070814_031048_000000432060_00404_28514_7536.N1	14-AUG-2007 03:10:48	Dark	43.000	101	11Alp Lep	2.5820	7000.0	86	28514	No
36	GOM_NL__2PRFIN20070814_032844_000000462060_00405_28515_7527.N1	14-AUG-2007 03:28:44	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28515	No
37	GOM_NL__2PRFIN20070814_033441_000000412060_00405_28515_7528.N1	14-AUG-2007 03:34:41	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	28515	No
38	GOM_NL__2PRFIN20070814_033814_000000412060_00405_28515_7529.N1	14-AUG-2007 03:38:14	Straylight	41.000	31	Alp Gru	1.7340	15200.	82	28515	No
39	GOM_NL__2PRFIN20070814_034113_000000412060_00405_28515_7530.N1	14-AUG-2007 03:41:13	Straylight	41.000	172	Gam Gru	3.0030	13100.	82	28515	No
40	GOM_NL__2PRFIN20070814_035554_000000372060_00405_28515_7531.N1	14-AUG-2007 03:55:54	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	28515	No
41	GOM_NL__2PRFIN20070814_040323_000000402060_00405_28515_7532.N1	14-AUG-2007 04:03:23	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	28515	No
42	GOM_NL__2PRFIN20070814_040455_000000382060_00405_28515_7533.N1	14-AUG-2007 04:04:55	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	28515	No

43	GOM_NL__2PRFIN20070814_040635_000000402060_00405_28515_7534.N1	14-AUG-2007 04:06:35	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	28515	No
44	GOM_NL__2PRFIN20070814_041158_000000352060_00405_28515_7535.N1	14-AUG-2007 04:11:58	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	28515	No
45	GOM_NL__2PRFIN20070814_041851_000000352060_00405_28515_7536.N1	14-AUG-2007 04:18:51	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28515	No
46	GOM_NL__2PRFIN20070814_043153_000000372060_00405_28515_7537.N1	14-AUG-2007 04:31:53	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	28515	No
47	GOM_NL__2PRFIN20070814_043417_000000422060_00405_28515_7538.N1	14-AUG-2007 04:34:17	Bright	42.000	107	37The Aur	2.6490	11000.	84	28515	No
48	GOM_NL__2PRFIN20070814_043831_000000452060_00405_28515_7539.N1	14-AUG-2007 04:38:31	Bright	44.500	151	13Mu Gem	2.8900	3000.0	89	28515	No
49	GOM_NL__2PRFIN20070814_044005_000000412060_00405_28515_7540.N1	14-AUG-2007 04:40:05	Tw_i_and_stray	40.500	44	24Gam Gem	1.9280	11000.	81	28515	No
50	GOM_NL__2PRFIN20070814_044330_000000512060_00405_28515_7541.N1	14-AUG-2007 04:43:30	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	28515	No
51	GOM_NL__2PRFIN20070814_044636_000000492060_00405_28515_7542.N1	14-AUG-2007 04:46:36	Dark	49.000	30	46Eps Ori	1.6940	30000.	98	28515	No
52	GOM_NL__2PRFIN20070814_044911_000000382060_00405_28515_7543.N1	14-AUG-2007 04:49:11	Dark	37.500	1	9Alp CMa	-1.4400	11000.	75	28515	No
53	GOM_NL__2PRFIN20070814_045125_000000442060_00405_28515_7544.N1	14-AUG-2007 04:51:25	Dark	43.500	101	11Alp Lep	2.5820	7000.0	87	28515	No
54	GOM_NL__2PRFIN20070814_045316_000000402060_00405_28515_7545.N1	14-AUG-2007 04:53:16	Dark	39.500	177	1Zet CMa	3.0220	26000.	79	28515	No
55	GOM_NL__2PRFIN20070814_050921_000000432060_00406_28516_7531.N1	14-AUG-2007 05:09:21	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28516	No
56	GOM_NL__2PRFIN20070814_051518_000000412060_00406_28516_7532.N1	14-AUG-2007 05:15:18	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	28516	No
57	GOM_NL__2PRFIN20070814_051850_000000402060_00406_28516_7533.N1	14-AUG-2007 05:18:50	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	28516	No
58	GOM_NL__2PRFIN20070814_052150_000000402060_00406_28516_7534.N1	14-AUG-2007 05:21:50	Straylight	40.000	172	Gam Gru	3.0030	13100.	80	28516	No
59	GOM_NL__2PRFIN20070814_053630_000000352060_00406_28516_7535.N1	14-AUG-2007 05:36:30	Bright	34.500	11	53Alp Aql	0.76500	8000.0	69	28516	No
60	GOM_NL__2PRFIN20070814_054358_000000402060_00406_28516_7536.N1	14-AUG-2007 05:43:58	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	28516	No
61	GOM_NL__2PRFIN20070814_054531_000000392060_00406_28516_7537.N1	14-AUG-2007 05:45:31	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	28516	No
62	GOM_NL__2PRFIN20070814_054710_000000392060_00406_28516_7538.N1	14-AUG-2007 05:47:10	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	28516	No
63	GOM_NL__2PRFIN20070814_055234_000000392060_00406_28516_7539.N1	14-AUG-2007 05:52:34	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	28516	No
64	GOM_NL__2PRFIN20070814_055927_000000362060_00406_28516_7540.N1	14-AUG-2007 05:59:27	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28516	No
65	GOM_NL__2PRFIN20070814_061229_000000382060_00406_28516_7541.N1	14-AUG-2007 06:12:29	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	28516	No
66	GOM_NL__2PRFIN20070814_061453_000000432060_00406_28516_7542.N1	14-AUG-2007 06:14:53	Bright	43.000	107	37The Aur	2.6490	11000.	86	28516	No
67	GOM_NL__2PRFIN20070814_061907_000000462060_00406_28516_7543.N1	14-AUG-2007 06:19:07	Bright	45.500	151	13Mu Gem	2.8900	3000.0	91	28516	No
68	GOM_NL__2PRFIN20070814_062042_000000412060_00406_28516_7544.N1	14-AUG-2007 06:20:42	Tw_i_and_stray	41.000	44	24Gam Gem	1.9280	11000.	82	28516	No
69	GOM_NL__2PRFIN20070814_062406_000000572060_00406_28516_7545.N1	14-AUG-2007 06:24:06	Dark	57.000	14	58Alp Ori	0.87000	3000.0	114	28516	No
70	GOM_NL__2PRFIN20070814_062712_000000422060_00406_28516_7546.N1	14-AUG-2007 06:27:12	Dark	42.000	30	46Eps Ori	1.6940	30000.	84	28516	No
71	GOM_NL__2PRFIN20070814_062947_000000362060_00406_28516_7547.N1	14-AUG-2007 06:29:47	Dark	35.500	1	9Alp CMa	-1.4400	11000.	71	28516	No
72	GOM_NL__2PRFIN20070814_063201_000000432060_00406_28516_7548.N1	14-AUG-2007 06:32:01	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	28516	No
73	GOM_NL__2PRFIN20070814_063352_000000392060_00406_28516_7549.N1	14-AUG-2007 06:33:52	Dark	39.000	177	1Zet CMa	3.0220	26000.	78	28516	No
74	GOM_NL__2PRFIN20070814_064957_000000502060_00407_28517_7584.N1	14-AUG-2007 06:49:57	Dark	49.500	9	Alp Eri	0.45300	24000.	99	28517	No
75	GOM_NL__2PRFIN20070814_065554_000000402060_00407_28517_7585.N1	14-AUG-2007 06:55:54	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28517	No
76	GOM_NL__2PRFIN20070814_065926_000000452060_00407_28517_7586.N1	14-AUG-2007 06:59:26	Straylight	44.500	31	Alp Gru	1.7340	15200.	89	28517	No
77	GOM_NL__2PRFIN20070814_070226_000000392060_00407_28517_7587.N1	14-AUG-2007 07:02:26	Straylight	39.000	172	Gam Gru	3.0030	13100.	78	28517	No
78	GOM_NL__2PRFIN20070814_071706_000000352060_00407_28517_7588.N1	14-AUG-2007 07:17:06	Bright	35.000	11	53Alp Aql	0.76500	8000.0	70	28517	No
79	GOM_NL__2PRFIN20070814_072434_000000382060_00407_28517_7589.N1	14-AUG-2007 07:24:34	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	28517	No
80	GOM_NL__2PRFIN20070814_072606_000000392060_00407_28517_7590.N1	14-AUG-2007 07:26:06	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	28517	No
81	GOM_NL__2PRFIN20070814_072746_000000402060_00407_28517_7591.N1	14-AUG-2007 07:27:46	Bright	39.500	19	50Alp Cyg	1.2460	10500.	79	28517	No
82	GOM_NL__2PRFIN20070814_073309_000000392060_00407_28517_7592.N1	14-AUG-2007 07:33:09	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	28517	No
83	GOM_NL__2PRFIN20070814_074003_000000342060_00407_28517_7593.N1	14-AUG-2007 07:40:03	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	28517	No
84	GOM_NL__2PRFIN20070814_075305_000000382060_00407_28517_7594.N1	14-AUG-2007 07:53:05	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	28517	No
85	GOM_NL__2PRFIN20070814_075529_000000372060_00407_28517_7595.N1	14-AUG-2007 07:55:29	Bright	37.000	107	37The Aur	2.6490	11000.	74	28517	No
86	GOM_NL__2PRFIN20070814_075943_000000472060_00407_28517_7596.N1	14-AUG-2007 07:59:43	Bright	46.500	151	13Mu Gem	2.8900	3000.0	93	28517	No
87	GOM_NL__2PRFIN20070814_080118_000000422060_00407_28517_7597.N1	14-AUG-2007 08:01:18	Tw_i_and_stray	42.000	44	24Gam Gem	1.9280	11000.	84	28517	No
88	GOM_NL__2PRFIN20070814_080442_000000382060_00407_28517_7598.N1	14-AUG-2007 08:04:42	Dark	38.000	14	58Alp Ori	0.87000	3000.0	76	28517	No
89	GOM_NL__2PRFIN20070814_080749_000000452060_00407_28517_7599.N1	14-AUG-2007 08:07:49	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	28517	No
90	GOM_NL__2PRFIN20070814_081023_000000462060_00407_28517_7600.N1	14-AUG-2007 08:10:23	Dark	45.500	1	9Alp CMa	-1.4400	11000.	91	28517	No
91	GOM_NL__2PRFIN20070814_081238_000000432060_00407_28517_7601.N1	14-AUG-2007 08:12:38	Dark	43.000	101	11Alp Lep	2.5820	7000.0	86	28517	No
92	GOM_NL__2PRFIN20070814_081428_000000382060_00407_28517_7602.N1	14-AUG-2007 08:14:28	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	28517	No
93	GOM_NL__2PRFIN20070814_083034_000000462060_00408_28518_7611.N1	14-AUG-2007 08:30:34	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28518	No
94	GOM_NL__2PRFIN20070814_083630_000000412060_00408_28518_7612.N1	14-AUG-2007 08:36:30	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28518	No
95	GOM_NL__2PRFIN20070814_084003_000000422060_00408_28518_7613.N1	14-AUG-2007 08:40:03	Straylight	42.000	31	Alp Gru	1.7340	15200.	84	28518	No
96	GOM_NL__2PRFIN20070814_084303_000000402060_00408_28518_7614.N1	14-AUG-2007 08:43:03	Straylight	39.500	172	Gam Gru	3.0030	13100.	79	28518	No
97	GOM_NL__2PRFIN20070814_085742_000000362060_00408_28518_7615.N1	14-AUG-2007 08:57:42	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28518	No
98	GOM_NL__2PRFIN20070814_090510_000000402060_00408_28518_7616.N1	14-AUG-2007 09:05:10	Bright	40.000	92	53Eps Cyg	2.5000	4500.0	80	28518	No
99	GOM_NL__2PRFIN20070814_090642_000000372060_00408_28518_7617.N1	14-AUG-2007 09:06:42	Bright	36.500	66	37Gam Cyg	2.2080	5900.0	73	28518	No
100	GOM_NL__2PRFIN20070814_090822_000000402060_00408_28518_7618.N1	14-AUG-2007 09:08:22	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	28518	No
101	GOM_NL__2PRFIN20070814_091345_000000382060_00408_28518_7619.N1	14-AUG-2007 09:13:45	Bright	37.500	89	5Alp Cep	2.4510	8000.0	75	28518	No

102	GOM_NL__2PRFIN20070814_092038_000000362060_00408_28518_7620.N1	14-AUG-2007 09:20:38	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28518	No
103	GOM_NL__2PRFIN20070814_093341_000000432060_00408_28518_7621.N1	14-AUG-2007 09:33:41	Bright	43.000	42	34Bet Aur	1.9000	10200.	86	28518	No
104	GOM_NL__2PRFIN20070814_093605_000000402060_00408_28518_7622.N1	14-AUG-2007 09:36:05	Bright	39.500	107	37The Aur	2.6490	11000.	79	28518	No
105	GOM_NL__2PRFIN20070814_094019_000000462060_00408_28518_7623.N1	14-AUG-2007 09:40:19	Tw_i_and_stray	46.000	151	13Mu Gem	2.8900	3000.0	92	28518	No
106	GOM_NL__2PRFIN20070814_094154_000000412060_00408_28518_7624.N1	14-AUG-2007 09:41:54	Tw_i_and_stray	40.500	44	24Gam Gem	1.9280	11000.	81	28518	No
107	GOM_NL__2PRFIN20070814_094519_000000382060_00408_28518_7625.N1	14-AUG-2007 09:45:19	Dark	38.000	14	58Alp Ori	0.87000	3000.0	76	28518	No
108	GOM_NL__2PRFIN20070814_094825_000000482060_00408_28518_7626.N1	14-AUG-2007 09:48:25	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	28518	No
109	GOM_NL__2PRFIN20070814_095100_000000492060_00408_28518_7627.N1	14-AUG-2007 09:51:00	Dark	48.500	1	9Alp CMa	-1.4400	11000.	97	28518	No
110	GOM_NL__2PRFIN20070814_095314_000000452060_00408_28518_7628.N1	14-AUG-2007 09:53:14	Dark	44.500	101	11Alp Lep	2.5820	7000.0	89	28518	No
111	GOM_NL__2PRFIN20070814_095504_000000372060_00408_28518_7629.N1	14-AUG-2007 09:55:04	Dark	37.000	177	1Zet CMa	3.0220	26000.	74	28518	No
112	GOM_NL__2PRFIN20070814_101111_000000452060_00409_28519_7631.N1	14-AUG-2007 10:11:11	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28519	No
113	GOM_NL__2PRFIN20070814_101706_000000482060_00409_28519_7632.N1	14-AUG-2007 10:17:06	Straylight	48.000	148	Alp Tuc	2.8780	4100.0	96	28519	No
114	GOM_NL__2PRFIN20070814_102039_000000432060_00409_28519_7633.N1	14-AUG-2007 10:20:39	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	28519	No
115	GOM_NL__2PRFIN20070814_102339_000000422060_00409_28519_7634.N1	14-AUG-2007 10:23:39	Straylight	41.500	172	Gam Gru	3.0030	13100.	83	28519	No
116	GOM_NL__2PRFIN20070814_103818_000000362060_00409_28519_7635.N1	14-AUG-2007 10:38:18	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	28519	No
117	GOM_NL__2PRFIN20070814_104545_000000382060_00409_28519_7636.N1	14-AUG-2007 10:45:45	Bright	37.500	92	53Eps Cyg	2.5000	4500.0	75	28519	No
118	GOM_NL__2PRFIN20070814_104718_000000392060_00409_28519_7637.N1	14-AUG-2007 10:47:18	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	28519	No
119	GOM_NL__2PRFIN20070814_104857_000000412060_00409_28519_7638.N1	14-AUG-2007 10:48:57	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	28519	No
120	GOM_NL__2PRFIN20070814_105421_000000382060_00409_28519_7639.N1	14-AUG-2007 10:54:21	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	28519	No
121	GOM_NL__2PRFIN20070814_110114_000000372060_00409_28519_7640.N1	14-AUG-2007 11:01:14	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28519	No
122	GOM_NL__2PRFIN20070814_111417_000000382060_00409_28519_7641.N1	14-AUG-2007 11:14:17	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	28519	No
123	GOM_NL__2PRFIN20070814_111641_000000402060_00409_28519_7642.N1	14-AUG-2007 11:16:41	Bright	39.500	107	37The Aur	2.6490	11000.	79	28519	No
124	GOM_NL__2PRFIN20070814_112055_000000382060_00409_28519_7643.N1	14-AUG-2007 11:20:55	Tw_i_and_stray	38.000	151	13Mu Gem	2.8900	3000.0	76	28519	No
125	GOM_NL__2PRFIN20070814_112230_000000362060_00409_28519_7644.N1	14-AUG-2007 11:22:30	Tw_i_and_stray	35.500	44	24Gam Gem	1.9280	11000.	71	28519	No
126	GOM_NL__2PRFIN20070814_112555_000000512060_00409_28519_7645.N1	14-AUG-2007 11:25:55	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	28519	No
127	GOM_NL__2PRFIN20070814_112902_000000472060_00409_28519_7646.N1	14-AUG-2007 11:29:02	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	28519	No
128	GOM_NL__2PRFIN20070814_113136_000000452060_00409_28519_7647.N1	14-AUG-2007 11:31:36	Dark	44.500	1	9Alp CMa	-1.4400	11000.	89	28519	No
129	GOM_NL__2PRFIN20070814_113351_000000442060_00409_28519_7648.N1	14-AUG-2007 11:33:51	Dark	43.500	101	11Alp Lep	2.5820	7000.0	87	28519	No
130	GOM_NL__2PRFIN20070814_113541_000000372060_00409_28519_7649.N1	14-AUG-2007 11:35:41	Dark	37.000	177	1Zet CMa	3.0220	26000.	74	28519	No
131	GOM_NL__2PRFIN20070814_115147_000000482060_00410_28520_7639.N1	14-AUG-2007 11:51:47	Dark	47.500	9	Alp Eri	0.45300	24000.	95	28520	No
132	GOM_NL__2PRFIN20070814_115743_000000392060_00410_28520_7640.N1	14-AUG-2007 11:57:43	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	28520	No
133	GOM_NL__2PRFIN20070814_120115_000000442060_00410_28520_7641.N1	14-AUG-2007 12:01:15	Straylight	44.000	31	Alp Gru	1.7340	15200.	88	28520	No
134	GOM_NL__2PRFIN20070814_120415_000000402060_00410_28520_7642.N1	14-AUG-2007 12:04:15	Straylight	39.500	172	Gam Gru	3.0030	13100.	79	28520	No
135	GOM_NL__2PRFIN20070814_121854_000000362060_00410_28520_7643.N1	14-AUG-2007 12:18:54	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28520	No
136	GOM_NL__2PRFIN20070814_122621_000000392060_00410_28520_7644.N1	14-AUG-2007 12:26:21	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	28520	No
137	GOM_NL__2PRFIN20070814_122754_000000382060_00410_28520_7645.N1	14-AUG-2007 12:27:54	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	28520	No
138	GOM_NL__2PRFIN20070814_122933_000000412060_00410_28520_7646.N1	14-AUG-2007 12:29:33	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	28520	No
139	GOM_NL__2PRFIN20070814_123456_000000402060_00410_28520_7647.N1	14-AUG-2007 12:34:56	Bright	39.500	89	5Alp Cep	2.4510	8000.0	79	28520	No
140	GOM_NL__2PRFIN20070814_124150_000000372060_00410_28520_7648.N1	14-AUG-2007 12:41:50	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28520	No
141	GOM_NL__2PRFIN20070814_125453_000000392060_00410_28520_7649.N1	14-AUG-2007 12:54:53	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	28520	No
142	GOM_NL__2PRFIN20070814_125717_000000382060_00410_28520_7650.N1	14-AUG-2007 12:57:17	Bright	38.000	107	37The Aur	2.6490	11000.	76	28520	No
143	GOM_NL__2PRFIN20070814_130132_000000422060_00410_28520_7651.N1	14-AUG-2007 13:01:32	Tw_i_and_stray	41.500	151	13Mu Gem	2.8900	3000.0	83	28520	No
144	GOM_NL__2PRFIN20070814_130306_000000362060_00410_28520_7652.N1	14-AUG-2007 13:03:06	Tw_i_and_stray	35.500	44	24Gam Gem	1.9280	11000.	71	28520	No
145	GOM_NL__2PRFIN20070814_130631_000000512060_00410_28520_7653.N1	14-AUG-2007 13:06:31	Dark	51.000	14	58Alp Ori	0.87000	3000.0	102	28520	No
146	GOM_NL__2PRFIN20070814_130938_000000482060_00410_28520_7654.N1	14-AUG-2007 13:09:38	Dark	47.500	30	46Eps Ori	1.6940	30000.	95	28520	No
147	GOM_NL__2PRFIN20070814_131212_000000482060_00410_28520_7655.N1	14-AUG-2007 13:12:12	Dark	48.000	1	9Alp CMa	-1.4400	11000.	96	28520	No
148	GOM_NL__2PRFIN20070814_131427_000000452060_00410_28520_7656.N1	14-AUG-2007 13:14:27	Dark	45.000	101	11Alp Lep	2.5820	7000.0	90	28520	No
149	GOM_NL__2PRFIN20070814_131617_000000392060_00410_28520_7657.N1	14-AUG-2007 13:16:17	Dark	38.500	177	1Zet CMa	3.0220	26000.	77	28520	No
150	GOM_NL__2PRFIN20070814_133224_000000452060_00411_28521_7643.N1	14-AUG-2007 13:32:24	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28521	No
151	GOM_NL__2PRFIN20070814_133819_000000392060_00411_28521_7644.N1	14-AUG-2007 13:38:19	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	28521	No
152	GOM_NL__2PRFIN20070814_134151_000000432060_00411_28521_7645.N1	14-AUG-2007 13:41:51	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	28521	No
153	GOM_NL__2PRFIN20070814_134451_000000412060_00411_28521_7646.N1	14-AUG-2007 13:44:51	Straylight	41.000	172	Gam Gru	3.0030	13100.	82	28521	No
154	GOM_NL__2PRFIN20070814_135930_000000352060_00411_28521_7647.N1	14-AUG-2007 13:59:30	Bright	34.500	11	53Alp Aql	0.76500	8000.0	69	28521	No
155	GOM_NL__2PRFIN20070814_140657_000000392060_00411_28521_7648.N1	14-AUG-2007 14:06:57	Bright	38.500	92	53Eps Cyg	2.5000	4500.0	77	28521	No
156	GOM_NL__2PRFIN20070814_140829_000000392060_00411_28521_7649.N1	14-AUG-2007 14:08:29	Bright	39.000	66	37Gam Cyg	2.2080	5900.0	78	28521	No
157	GOM_NL__2PRFIN20070814_141009_000000412060_00411_28521_7650.N1	14-AUG-2007 14:10:09	Bright	40.500	19	50Alp Cyg	1.2460	10500.	81	28521	No
158	GOM_NL__2PRFIN20070814_141532_000000392060_00411_28521_7651.N1	14-AUG-2007 14:15:32	Bright	39.000	89	5Alp Cep	2.4510	8000.0	78	28521	No
159	GOM_NL__2PRFIN20070814_142226_000000332060_00411_28521_7652.N1	14-AUG-2007 14:22:26	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	28521	No
160	GOM_NL__2PRFIN20070814_143529_000000372060_00411_28521_7653.N1	14-AUG-2007 14:35:29	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	28521	No

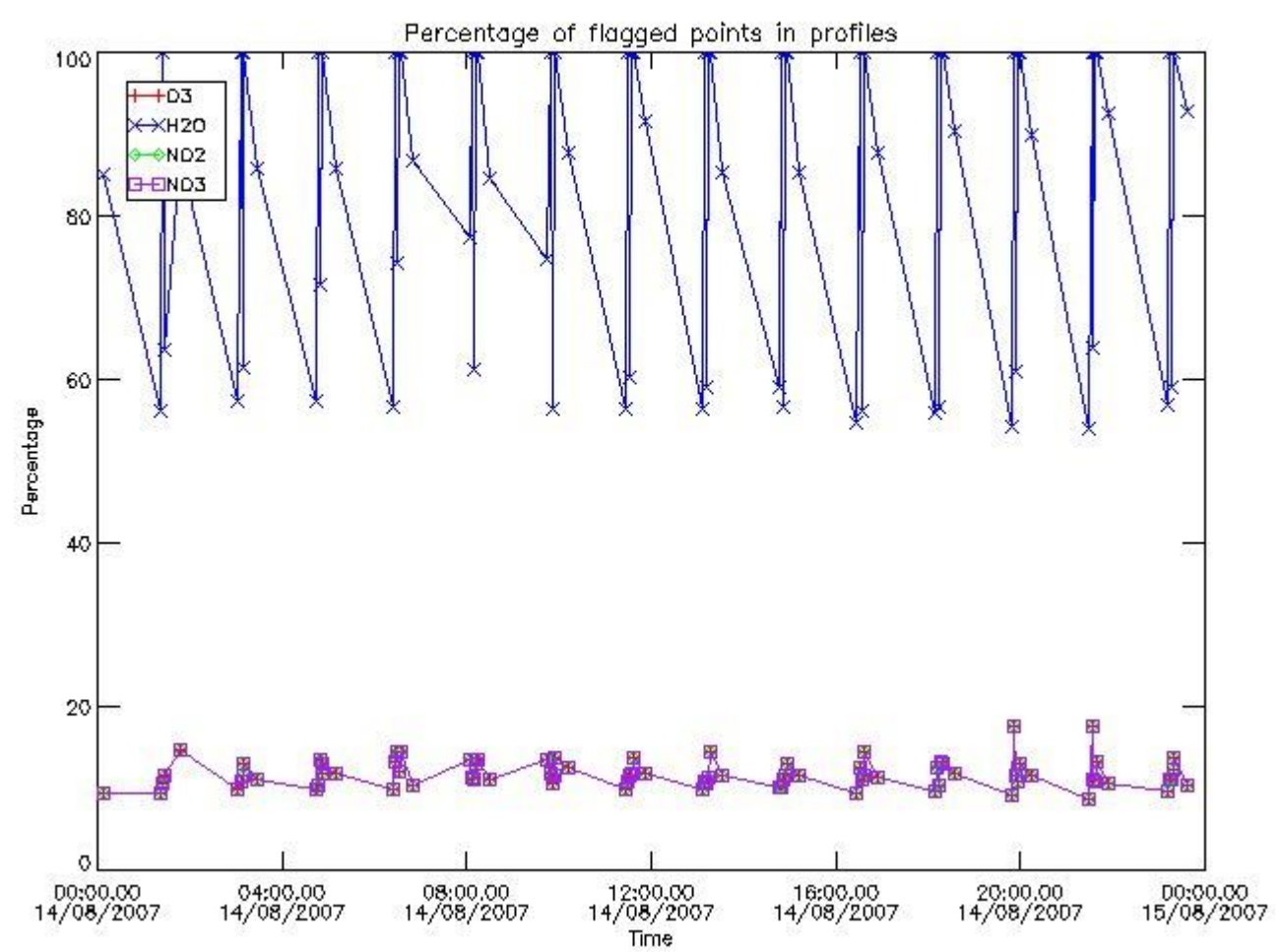
161	GOM_NL__2PRFIN20070814_143753_000000412060_00411_28521_7654.N1	14-AUG-2007 14:37:53	Bright	40.500	107	37The Aur	2.6490	11000.	81	28521	No
162	GOM_NL__2PRFIN20070814_144208_000000442060_00411_28521_7655.N1	14-AUG-2007 14:42:08	Twilight	44.000	151	13Mu Gem	2.8900	3000.0	88	28521	No
163	GOM_NL__2PRFIN20070814_144342_000000422060_00411_28521_7656.N1	14-AUG-2007 14:43:42	Twilight	42.000	44	24Gam Gem	1.9280	11000.	84	28521	No
164	GOM_NL__2PRFIN20070814_144707_000000512060_00411_28521_7657.N1	14-AUG-2007 14:47:07	Dark	50.500	14	58Alp Ori	0.87000	3000.0	101	28521	No
165	GOM_NL__2PRFIN20070814_145015_000000502060_00411_28521_7658.N1	14-AUG-2007 14:50:15	Dark	50.000	30	46Eps Ori	1.6940	30000.	100	28521	No
166	GOM_NL__2PRFIN20070814_145248_000000462060_00411_28521_7659.N1	14-AUG-2007 14:52:48	Dark	45.500	1	9Alp CMa	-1.4400	11000.	91	28521	No
167	GOM_NL__2PRFIN20070814_145504_000000452060_00411_28521_7660.N1	14-AUG-2007 14:55:04	Dark	44.500	101	11Alp Lep	2.5820	7000.0	89	28521	No
168	GOM_NL__2PRFIN20070814_145653_000000392060_00411_28521_7661.N1	14-AUG-2007 14:56:53	Dark	39.000	177	1Zet CMa	3.0220	26000.	78	28521	No
169	GOM_NL__2PRFIN20070814_151300_000000452060_00412_28522_7684.N1	14-AUG-2007 15:13:00	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28522	No
170	GOM_NL__2PRFIN20070814_151855_000000442060_00412_28522_7685.N1	14-AUG-2007 15:18:55	Straylight	44.000	148	Alp Tuc	2.8780	4100.0	88	28522	No
171	GOM_NL__2PRFIN20070814_152228_000000462060_00412_28522_7686.N1	14-AUG-2007 15:22:28	Straylight	45.500	31	Alp Gru	1.7340	15200.	91	28522	No
172	GOM_NL__2PRFIN20070814_152527_000000412060_00412_28522_7687.N1	14-AUG-2007 15:25:27	Straylight	40.500	172	Gam Gru	3.0030	13100.	81	28522	No
173	GOM_NL__2PRFIN20070814_154006_000000362060_00412_28522_7688.N1	14-AUG-2007 15:40:06	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28522	No
174	GOM_NL__2PRFIN20070814_154732_000000392060_00412_28522_7689.N1	14-AUG-2007 15:47:32	Bright	39.000	92	53Eps Cyg	2.5000	4500.0	78	28522	No
175	GOM_NL__2PRFIN20070814_154905_000000382060_00412_28522_7690.N1	14-AUG-2007 15:49:05	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	28522	No
176	GOM_NL__2PRFIN20070814_155045_000000392060_00412_28522_7691.N1	14-AUG-2007 15:50:45	Bright	39.000	19	50Alp Cyg	1.2460	10500.	78	28522	No
177	GOM_NL__2PRFIN20070814_155607_000000372060_00412_28522_7692.N1	14-AUG-2007 15:56:07	Bright	37.000	89	5Alp Cep	2.4510	8000.0	74	28522	No
178	GOM_NL__2PRFIN20070814_160302_000000362060_00412_28522_7693.N1	14-AUG-2007 16:03:02	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28522	No
179	GOM_NL__2PRFIN20070814_161605_000000392060_00412_28522_7694.N1	14-AUG-2007 16:16:05	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	28522	No
180	GOM_NL__2PRFIN20070814_161829_000000372060_00412_28522_7695.N1	14-AUG-2007 16:18:29	Bright	36.500	107	37The Aur	2.6490	11000.	73	28522	No
181	GOM_NL__2PRFIN20070814_162244_000000452060_00412_28522_7696.N1	14-AUG-2007 16:22:44	Twilight	44.500	151	13Mu Gem	2.8900	3000.0	89	28522	No
182	GOM_NL__2PRFIN20070814_162419_000000422060_00412_28522_7697.N1	14-AUG-2007 16:24:19	Twilight	41.500	44	24Gam Gem	1.9280	11000.	83	28522	No
183	GOM_NL__2PRFIN20070814_162744_000000552060_00412_28522_7698.N1	14-AUG-2007 16:27:44	Dark	54.500	14	58Alp Ori	0.87000	3000.0	109	28522	No
184	GOM_NL__2PRFIN20070814_163051_000000412060_00412_28522_7699.N1	14-AUG-2007 16:30:51	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	28522	No
185	GOM_NL__2PRFIN20070814_163324_000000462060_00412_28522_7700.N1	14-AUG-2007 16:33:24	Dark	46.000	1	9Alp CMa	-1.4400	11000.	92	28522	No
186	GOM_NL__2PRFIN20070814_163541_000000452060_00412_28522_7701.N1	14-AUG-2007 16:35:41	Dark	44.500	101	11Alp Lep	2.5820	7000.0	89	28522	No
187	GOM_NL__2PRFIN20070814_163729_000000392060_00412_28522_7702.N1	14-AUG-2007 16:37:29	Dark	38.500	177	1Zet CMa	3.0220	26000.	77	28522	No
188	GOM_NL__2PRFIN20070814_165337_000000452060_00413_28523_7700.N1	14-AUG-2007 16:53:37	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28523	No
189	GOM_NL__2PRFIN20070814_165932_000000402060_00413_28523_7701.N1	14-AUG-2007 16:59:32	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28523	No
190	GOM_NL__2PRFIN20070814_170304_000000402060_00413_28523_7702.N1	14-AUG-2007 17:03:04	Straylight	40.000	31	Alp Gru	1.7340	15200.	80	28523	No
191	GOM_NL__2PRFIN20070814_170604_000000412060_00413_28523_7703.N1	14-AUG-2007 17:06:04	Straylight	40.500	172	Gam Gru	3.0030	13100.	81	28523	No
192	GOM_NL__2PRFIN20070814_172042_000000372060_00413_28523_7704.N1	14-AUG-2007 17:20:42	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	28523	No
193	GOM_NL__2PRFIN20070814_172808_000000382060_00413_28523_7705.N1	14-AUG-2007 17:28:08	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	28523	No
194	GOM_NL__2PRFIN20070814_172941_000000392060_00413_28523_7706.N1	14-AUG-2007 17:29:41	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	28523	No
195	GOM_NL__2PRFIN20070814_173120_000000402060_00413_28523_7707.N1	14-AUG-2007 17:31:20	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	28523	No
196	GOM_NL__2PRFIN20070814_173643_000000382060_00413_28523_7708.N1	14-AUG-2007 17:36:43	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	28523	No
197	GOM_NL__2PRFIN20070814_174338_000000372060_00413_28523_7709.N1	14-AUG-2007 17:43:38	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28523	No
198	GOM_NL__2PRFIN20070814_175640_000000372060_00413_28523_7710.N1	14-AUG-2007 17:56:40	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	28523	No
199	GOM_NL__2PRFIN20070814_175905_000000462060_00413_28523_7711.N1	14-AUG-2007 17:59:05	Bright	46.000	107	37The Aur	2.6490	11000.	92	28523	No
200	GOM_NL__2PRFIN20070814_180320_000000462060_00413_28523_7712.N1	14-AUG-2007 18:03:20	Twilight	46.000	151	13Mu Gem	2.8900	3000.0	92	28523	No
201	GOM_NL__2PRFIN20070814_180455_000000442060_00413_28523_7713.N1	14-AUG-2007 18:04:55	Twilight	43.500	44	24Gam Gem	1.9280	11000.	87	28523	No
202	GOM_NL__2PRFIN20070814_180820_000000532060_00413_28523_7714.N1	14-AUG-2007 18:08:20	Dark	52.500	14	58Alp Ori	0.87000	3000.0	105	28523	No
203	GOM_NL__2PRFIN20070814_181128_000000412060_00413_28523_7715.N1	14-AUG-2007 18:11:28	Dark	41.000	30	46Eps Ori	1.6940	30000.	82	28523	No
204	GOM_NL__2PRFIN20070814_181401_000000492060_00413_28523_7716.N1	14-AUG-2007 18:14:01	Dark	49.000	1	9Alp CMa	-1.4400	11000.	98	28523	No
205	GOM_NL__2PRFIN20070814_181617_000000422060_00413_28523_7717.N1	14-AUG-2007 18:16:17	Dark	42.000	101	11Alp Lep	2.5820	7000.0	84	28523	No
206	GOM_NL__2PRFIN20070814_181806_000000402060_00413_28523_7718.N1	14-AUG-2007 18:18:06	Dark	39.500	177	1Zet CMa	3.0220	26000.	79	28523	No
207	GOM_NL__2PRFIN20070814_183414_000000482060_00414_28524_7716.N1	14-AUG-2007 18:34:14	Dark	47.500	9	Alp Eri	0.45300	24000.	95	28524	No
208	GOM_NL__2PRFIN20070814_184008_000000392060_00414_28524_7717.N1	14-AUG-2007 18:40:08	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	28524	No
209	GOM_NL__2PRFIN20070814_184341_000000472060_00414_28524_7718.N1	14-AUG-2007 18:43:41	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	28524	No
210	GOM_NL__2PRFIN20070814_184640_000000412060_00414_28524_7719.N1	14-AUG-2007 18:46:40	Straylight	41.000	172	Gam Gru	3.0030	13100.	82	28524	No
211	GOM_NL__2PRFIN20070814_190118_000000362060_00414_28524_7720.N1	14-AUG-2007 19:01:18	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28524	No
212	GOM_NL__2PRFIN20070814_190844_000000382060_00414_28524_7721.N1	14-AUG-2007 19:08:44	Bright	38.000	92	53Eps Cyg	2.5000	4500.0	76	28524	No
213	GOM_NL__2PRFIN20070814_191017_000000382060_00414_28524_7722.N1	14-AUG-2007 19:10:17	Bright	37.500	66	37Gam Cyg	2.2080	5900.0	75	28524	No
214	GOM_NL__2PRFIN20070814_191156_000000402060_00414_28524_7723.N1	14-AUG-2007 19:11:56	Bright	40.000	19	50Alp Cyg	1.2460	10500.	80	28524	No
215	GOM_NL__2PRFIN20070814_191719_000000392060_00414_28524_7724.N1	14-AUG-2007 19:17:19	Bright	38.500	89	5Alp Cep	2.4510	8000.0	77	28524	No
216	GOM_NL__2PRFIN20070814_192414_000000372060_00414_28524_7725.N1	14-AUG-2007 19:24:14	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28524	No
217	GOM_NL__2PRFIN20070814_193716_000000392060_00414_28524_7726.N1	14-AUG-2007 19:37:16	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	28524	No
218	GOM_NL__2PRFIN20070814_193941_000000372060_00414_28524_7727.N1	14-AUG-2007 19:39:41	Bright	36.500	107	37The Aur	2.6490	11000.	73	28524	No
219	GOM_NL__2PRFIN20070814_194356_000000512060_00414_28524_7728.N1	14-AUG-2007 19:43:56	Twilight	51.000	151	13Mu Gem	2.8900	3000.0	102	28524	No

220	GOM_NL__2PRFIN20070814_194531_000000442060_00414_28524_7729.N1	14-AUG-2007 19:45:31	Twilight	43.500	44	24Gam Gem	1.9280	11000.	87	28524	No
221	GOM_NL__2PRFIN20070814_194857_000000552060_00414_28524_7730.N1	14-AUG-2007 19:48:57	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28524	No
222	GOM_NL__2PRFIN20070814_195204_000000292060_00414_28524_7731.N1	14-AUG-2007 19:52:04	Dark	29.000	30	46Eps Ori	1.6940	30000.	58	28524	No
223	GOM_NL__2PRFIN20070814_195437_000000442060_00414_28524_7732.N1	14-AUG-2007 19:54:37	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	28524	No
224	GOM_NL__2PRFIN20070814_195654_000000472060_00414_28524_7733.N1	14-AUG-2007 19:56:54	Dark	47.000	101	11Alp Lep	2.5820	7000.0	94	28524	No
225	GOM_NL__2PRFIN20070814_195842_000000392060_00414_28524_7734.N1	14-AUG-2007 19:58:42	Dark	39.000	177	1Zet CMa	3.0220	26000.	78	28524	No
226	GOM_NL__2PRFIN20070814_201450_000000452060_00415_28525_7723.N1	14-AUG-2007 20:14:50	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28525	No
227	GOM_NL__2PRFIN20070814_202044_000000452060_00415_28525_7724.N1	14-AUG-2007 20:20:44	Straylight	45.000	148	Alp Tuc	2.8780	4100.0	90	28525	No
228	GOM_NL__2PRFIN20070814_202417_000000422060_00415_28525_7725.N1	14-AUG-2007 20:24:17	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	28525	No
229	GOM_NL__2PRFIN20070814_202716_000000422060_00415_28525_7726.N1	14-AUG-2007 20:27:16	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	28525	No
230	GOM_NL__2PRFIN20070814_204154_000000372060_00415_28525_7727.N1	14-AUG-2007 20:41:54	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	28525	No
231	GOM_NL__2PRFIN20070814_204920_000000402060_00415_28525_7728.N1	14-AUG-2007 20:49:20	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	28525	No
232	GOM_NL__2PRFIN20070814_205053_000000392060_00415_28525_7729.N1	14-AUG-2007 20:50:53	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	28525	No
233	GOM_NL__2PRFIN20070814_205232_000000412060_00415_28525_7730.N1	14-AUG-2007 20:52:32	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	28525	No
234	GOM_NL__2PRFIN20070814_205755_000000382060_00415_28525_7731.N1	14-AUG-2007 20:57:55	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	28525	No
235	GOM_NL__2PRFIN20070814_210450_000000362060_00415_28525_7732.N1	14-AUG-2007 21:04:50	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28525	No
236	GOM_NL__2PRFIN20070814_211752_000000522060_00415_28525_7733.N1	14-AUG-2007 21:17:52	Bright	52.000	42	34Bet Aur	1.9000	10200.	104	28525	No
237	GOM_NL__2PRFIN20070814_212017_000000362060_00415_28525_7734.N1	14-AUG-2007 21:20:17	Bright	35.500	107	37The Aur	2.6490	11000.	71	28525	No
238	GOM_NL__2PRFIN20070814_212432_000000452060_00415_28525_7735.N1	14-AUG-2007 21:24:32	Twilight	45.000	151	13Mu Gem	2.8900	3000.0	90	28525	No
239	GOM_NL__2PRFIN20070814_212607_000000432060_00415_28525_7736.N1	14-AUG-2007 21:26:07	Twilight	42.500	44	24Gam Gem	1.9280	11000.	85	28525	No
240	GOM_NL__2PRFIN20070814_212933_000000582060_00415_28525_7737.N1	14-AUG-2007 21:29:33	Dark	58.000	14	58Alp Ori	0.87000	3000.0	116	28525	No
241	GOM_NL__2PRFIN20070814_213241_000000292060_00415_28525_7738.N1	14-AUG-2007 21:32:41	Dark	28.500	30	46Eps Ori	1.6940	30000.	57	28525	No
242	GOM_NL__2PRFIN20070814_213513_000000462060_00415_28525_7739.N1	14-AUG-2007 21:35:13	Dark	46.000	1	9Alp CMa	-1.4400	11000.	92	28525	No
243	GOM_NL__2PRFIN20070814_213730_000000472060_00415_28525_7740.N1	14-AUG-2007 21:37:30	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	28525	No
244	GOM_NL__2PRFIN20070814_213919_000000392060_00415_28525_7741.N1	14-AUG-2007 21:39:19	Dark	38.500	177	1Zet CMa	3.0220	26000.	77	28525	No
245	GOM_NL__2PRFIN20070814_215527_000000482060_00416_28526_7747.N1	14-AUG-2007 21:55:27	Dark	48.000	9	Alp Eri	0.45300	24000.	96	28526	No
246	GOM_NL__2PRFIN20070814_220120_000000392060_00416_28526_7748.N1	14-AUG-2007 22:01:20	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	28526	No
247	GOM_NL__2PRFIN20070814_220453_000000412060_00416_28526_7749.N1	14-AUG-2007 22:04:53	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	28526	No
248	GOM_NL__2PRFIN20070814_220753_000000412060_00416_28526_7750.N1	14-AUG-2007 22:07:53	Straylight	40.500	172	Gam Gru	3.0030	13100.	81	28526	No
249	GOM_NL__2PRFIN20070814_222230_000000362060_00416_28526_7751.N1	14-AUG-2007 22:22:30	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28526	No
250	GOM_NL__2PRFIN20070814_222955_000000362060_00416_28526_7752.N1	14-AUG-2007 22:29:55	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	28526	No
251	GOM_NL__2PRFIN20070814_223128_000000362060_00416_28526_7753.N1	14-AUG-2007 22:31:28	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	28526	No
252	GOM_NL__2PRFIN20070814_223307_000000372060_00416_28526_7754.N1	14-AUG-2007 22:33:07	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	28526	No
253	GOM_NL__2PRFIN20070814_223830_000000352060_00416_28526_7755.N1	14-AUG-2007 22:38:30	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	28526	No
254	GOM_NL__2PRFIN20070814_224526_000000362060_00416_28526_7756.N1	14-AUG-2007 22:45:26	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28526	No
255	GOM_NL__2PRFIN20070814_225828_000000522060_00416_28526_7757.N1	14-AUG-2007 22:58:28	Bright	51.500	42	34Bet Aur	1.9000	10200.	103	28526	No
256	GOM_NL__2PRFIN20070814_230053_000000422060_00416_28526_7758.N1	14-AUG-2007 23:00:53	Bright	41.500	107	37The Aur	2.6490	11000.	83	28526	No
257	GOM_NL__2PRFIN20070814_230509_000000512060_00416_28526_7759.N1	14-AUG-2007 23:05:09	Twilight	50.500	151	13Mu Gem	2.8900	3000.0	101	28526	No
258	GOM_NL__2PRFIN20070814_230643_000000422060_00416_28526_7760.N1	14-AUG-2007 23:06:43	Twilight	41.500	44	24Gam Gem	1.9280	11000.	83	28526	No
259	GOM_NL__2PRFIN20070814_231009_000000532060_00416_28526_7761.N1	14-AUG-2007 23:10:09	Dark	52.500	14	58Alp Ori	0.87000	3000.0	105	28526	No
260	GOM_NL__2PRFIN20070814_231321_000000462060_00416_28526_7762.N1	14-AUG-2007 23:13:21	Dark	45.500	33	50Zet Ori	1.7660	30000.	91	28526	No
261	GOM_NL__2PRFIN20070814_231549_000000462060_00416_28526_7763.N1	14-AUG-2007 23:15:49	Dark	45.500	1	9Alp CMa	-1.4400	11000.	91	28526	No
262	GOM_NL__2PRFIN20070814_231807_000000422060_00416_28526_7764.N1	14-AUG-2007 23:18:07	Dark	41.500	101	11Alp Lep	2.5820	7000.0	83	28526	No
263	GOM_NL__2PRFIN20070814_231955_000000372060_00416_28526_7765.N1	14-AUG-2007 23:19:55	Dark	37.000	177	1Zet CMa	3.0220	26000.	74	28526	No
264	GOM_NL__2PRFIN20070814_233603_000000492060_00417_28527_7759.N1	14-AUG-2007 23:36:03	Dark	49.000	9	Alp Eri	0.45300	24000.	98	28527	No
265	GOM_NL__2PRFIN20070814_234157_000000402060_00417_28527_7760.N1	14-AUG-2007 23:41:57	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28527	No
266	GOM_NL__2PRFIN20070814_234529_000000432060_00417_28527_7761.N1	14-AUG-2007 23:45:29	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	28527	No
267	GOM_NL__2PRFIN20070814_234829_000000412060_00417_28527_7762.N1	14-AUG-2007 23:48:29	Straylight	40.500	172	Gam Gru	3.0030	13100.	81	28527	No

### 3. Quality information per product

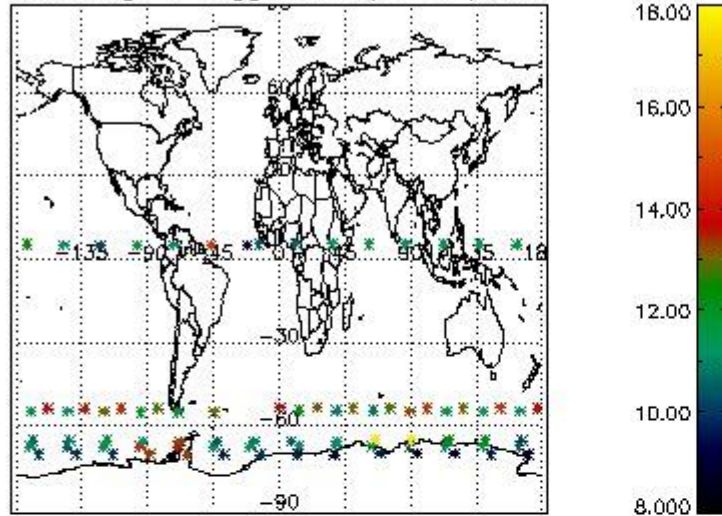
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

#### 3.1 Plot quality information per product (time dependant)

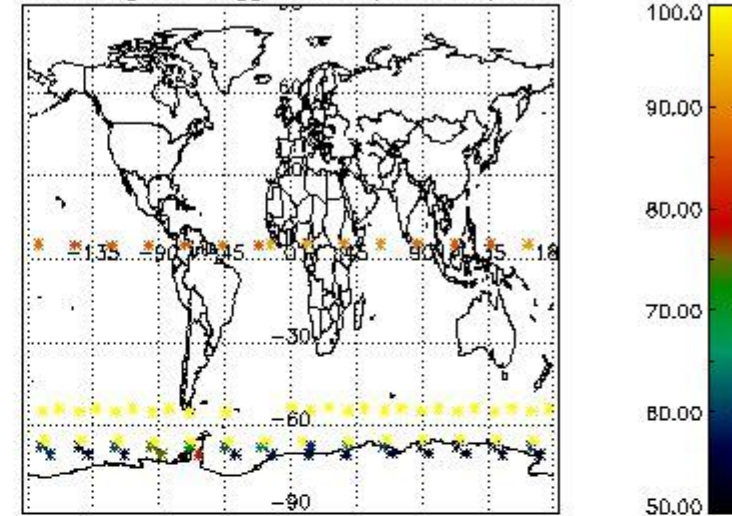


3.2 Plot quality information per product (world map)

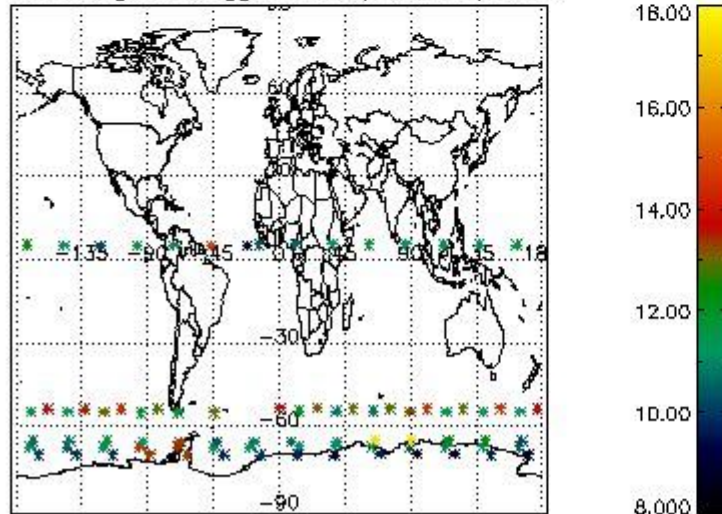
Percentage of flagged data per O3 profile



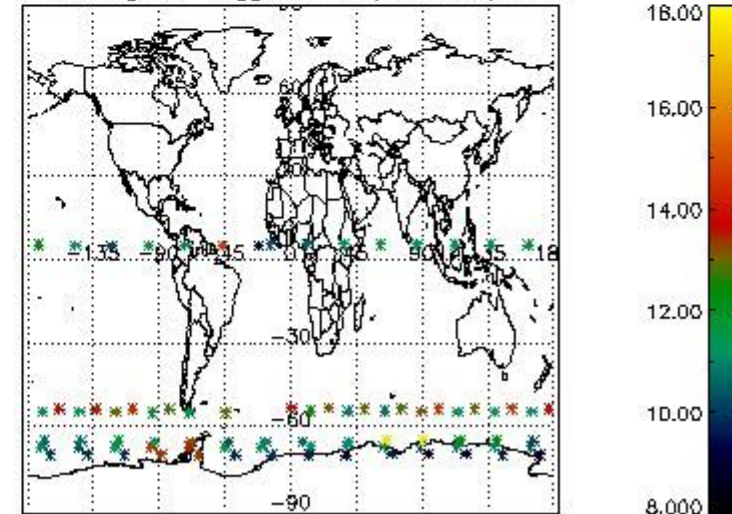
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



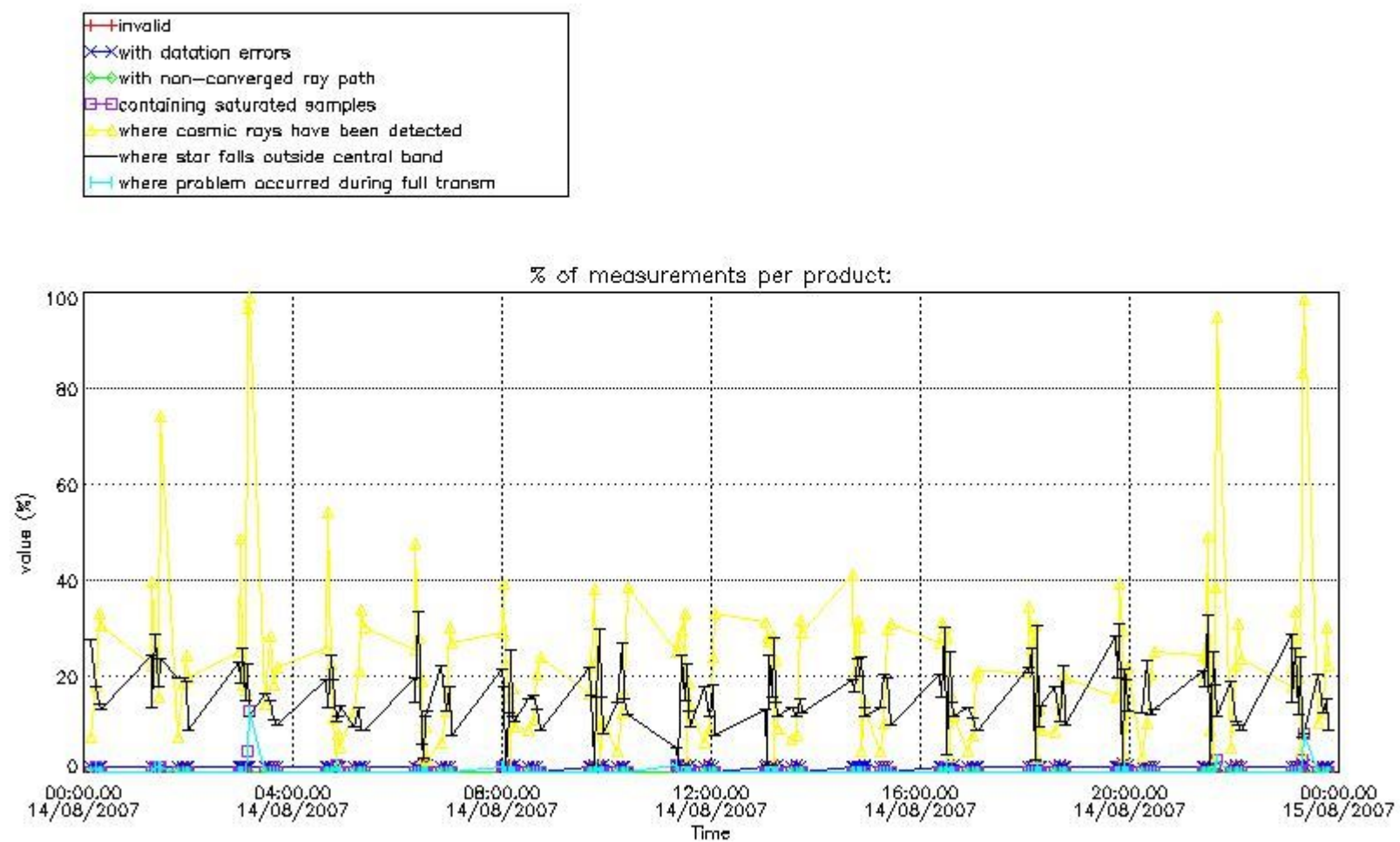
#### 4. Level 1 quality information per product

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

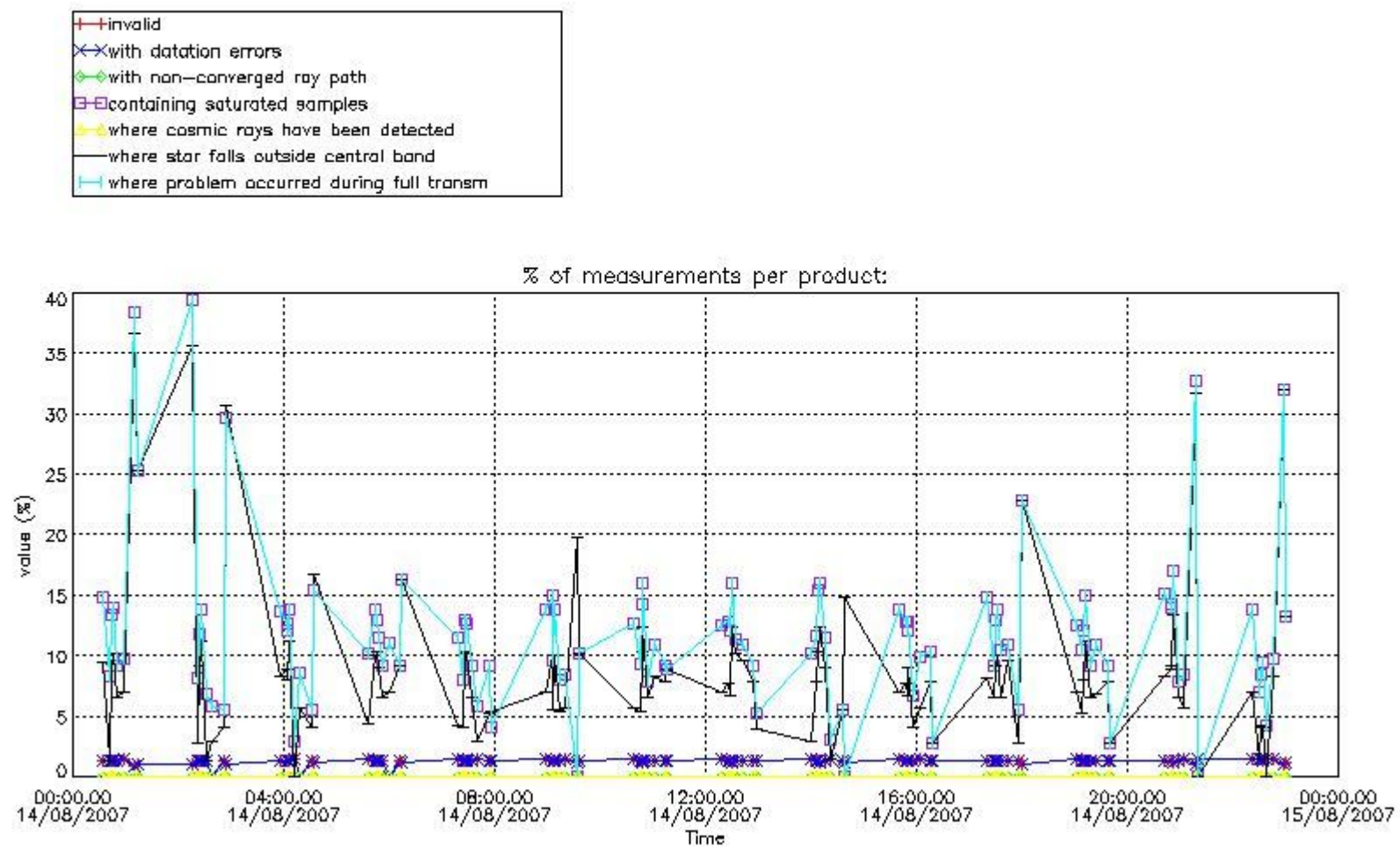
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



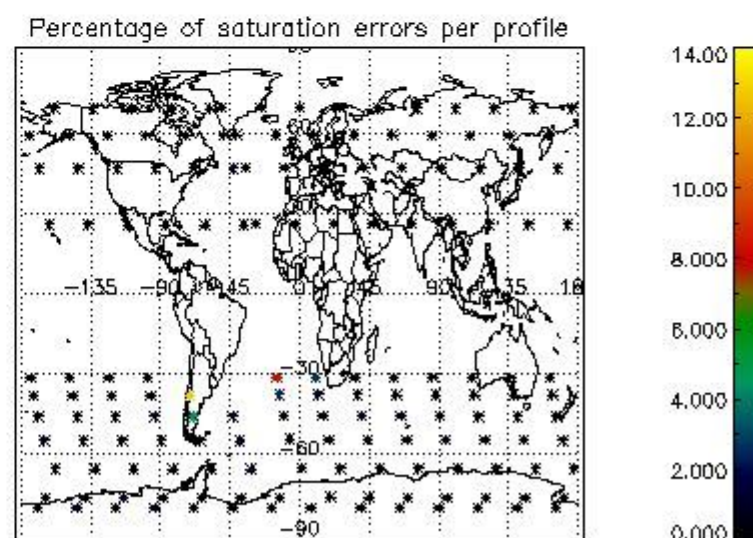
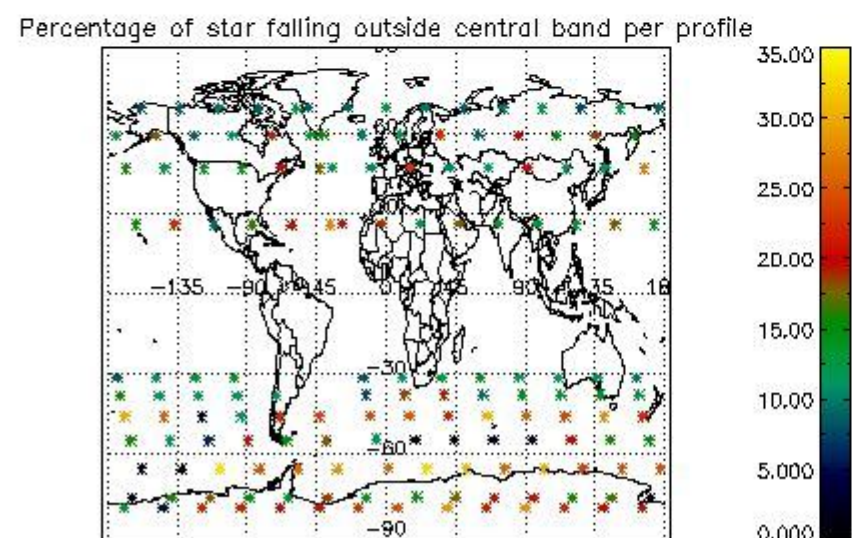
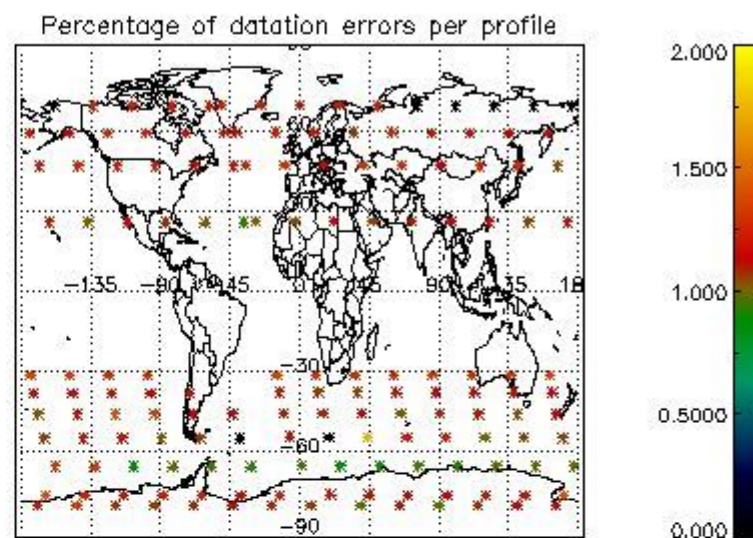
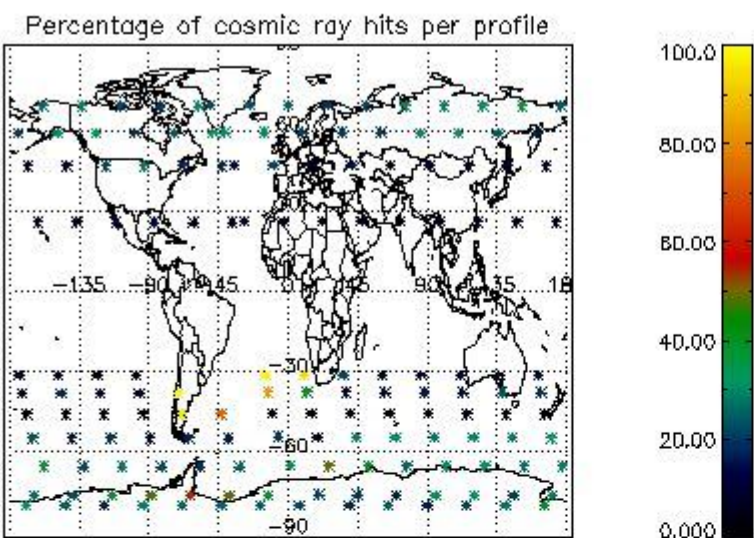


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

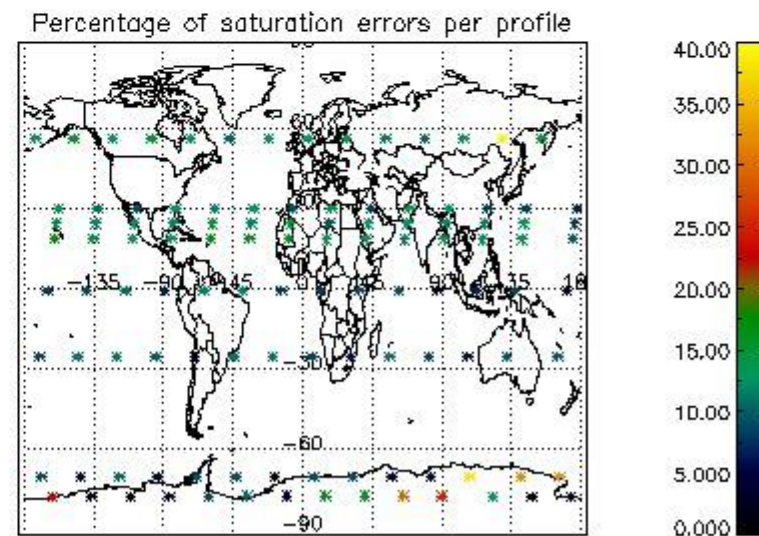
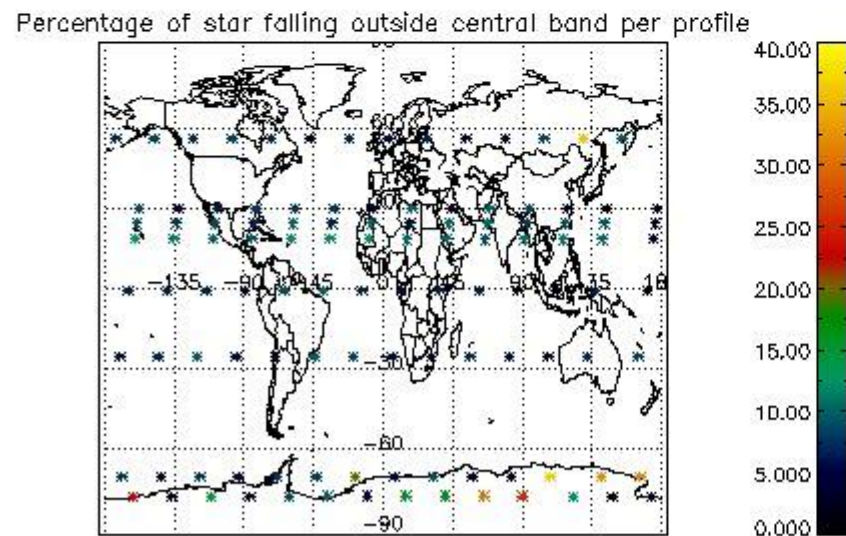
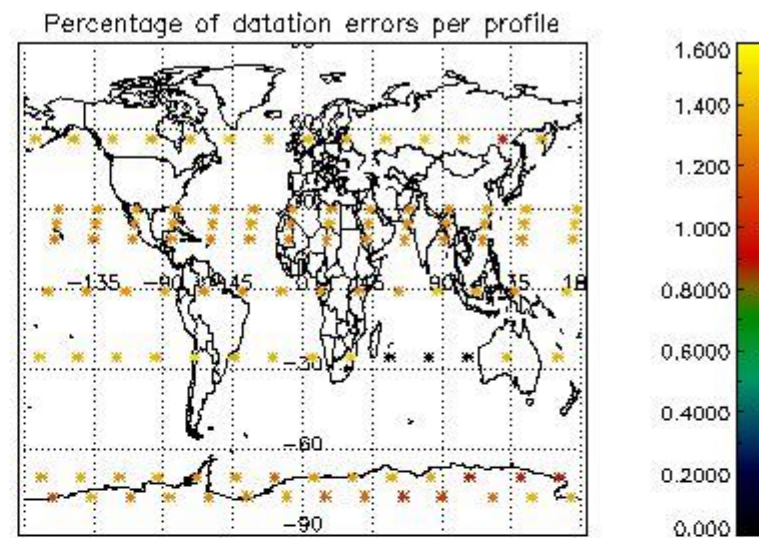
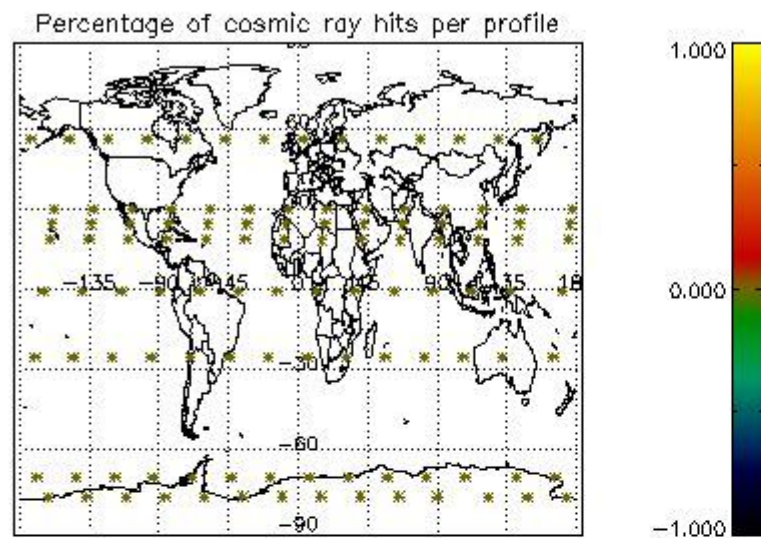


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

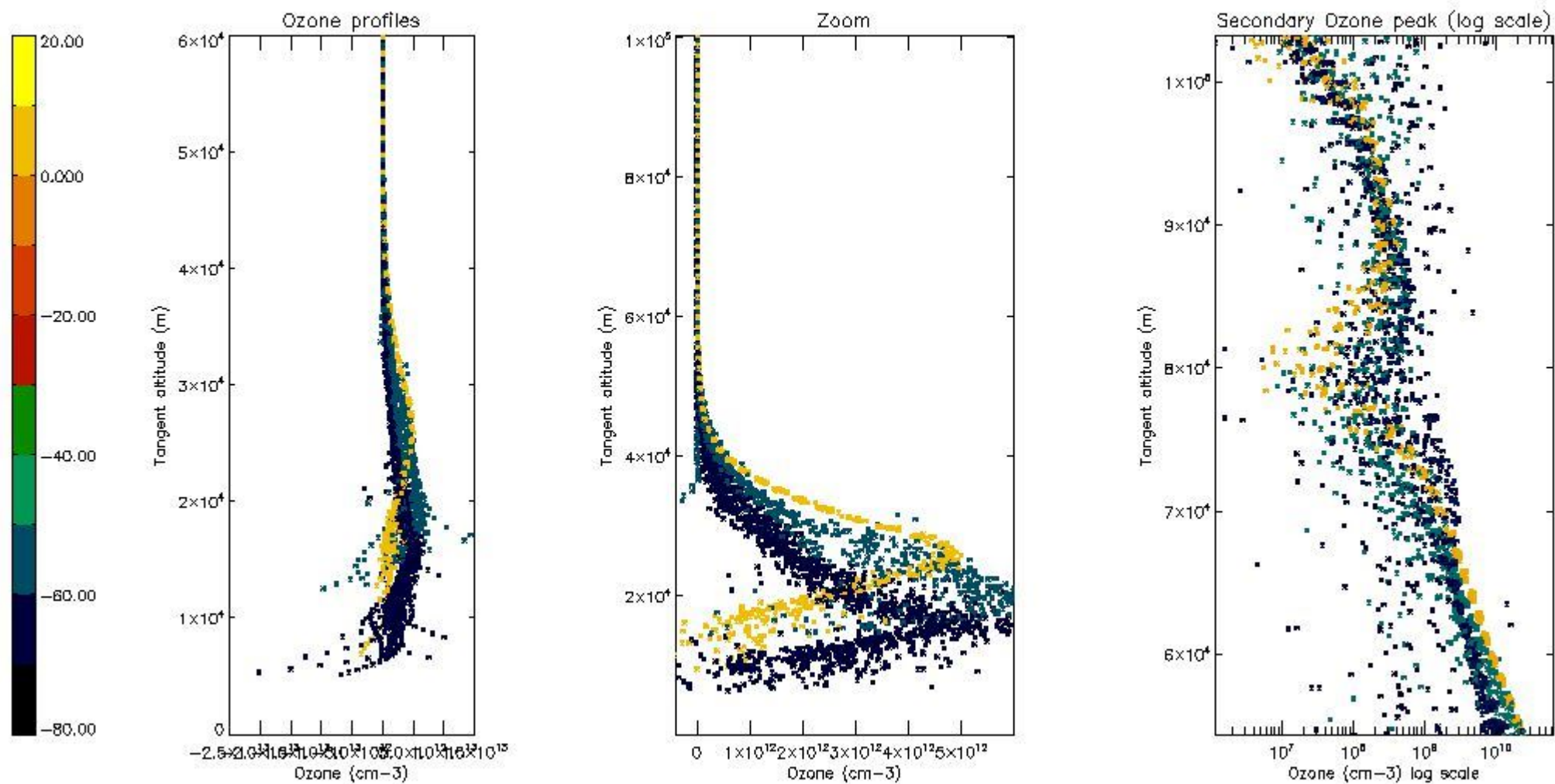
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	34
STD < 20	21

STD < 10	17
STD < 5	12

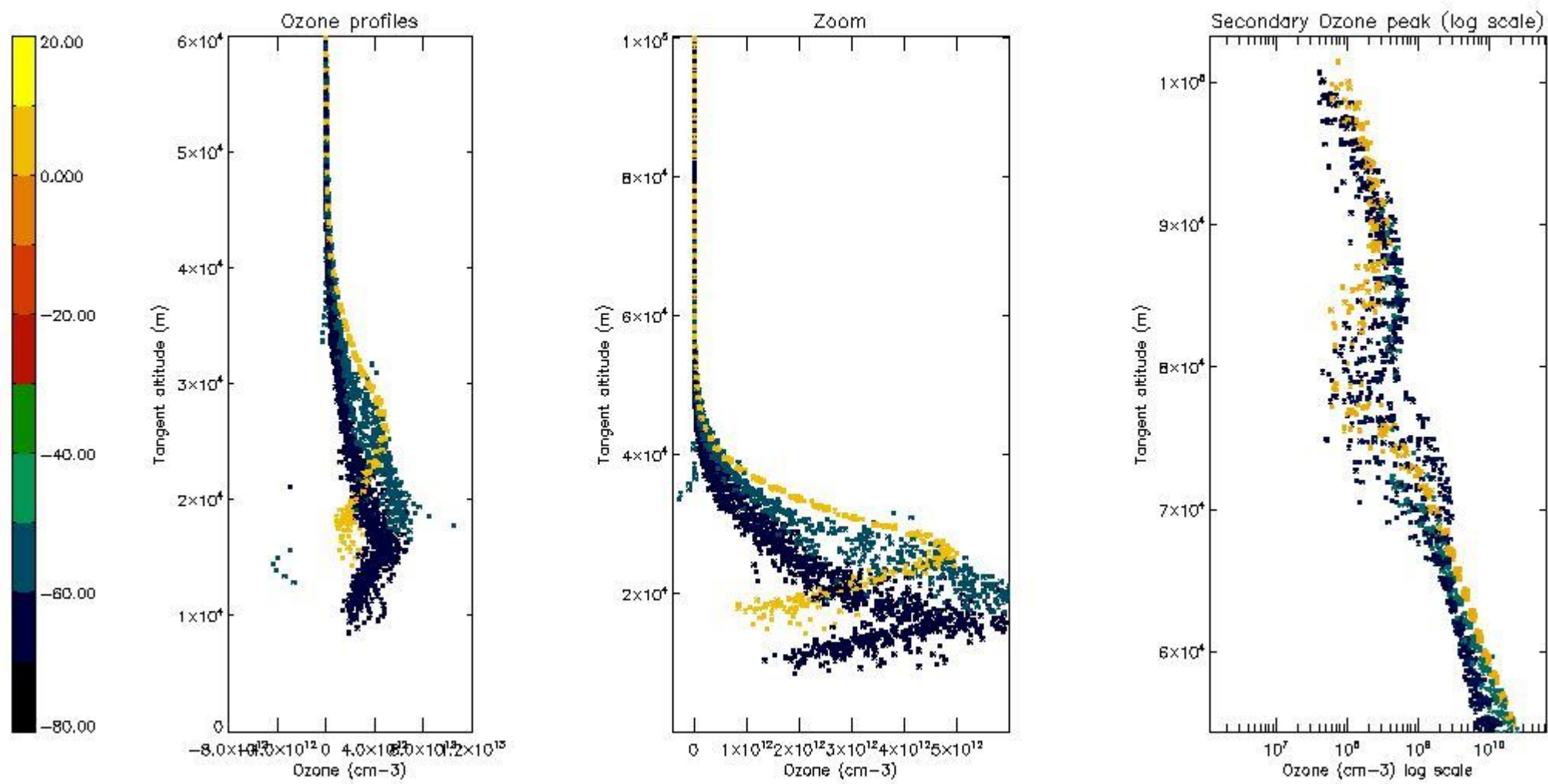
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



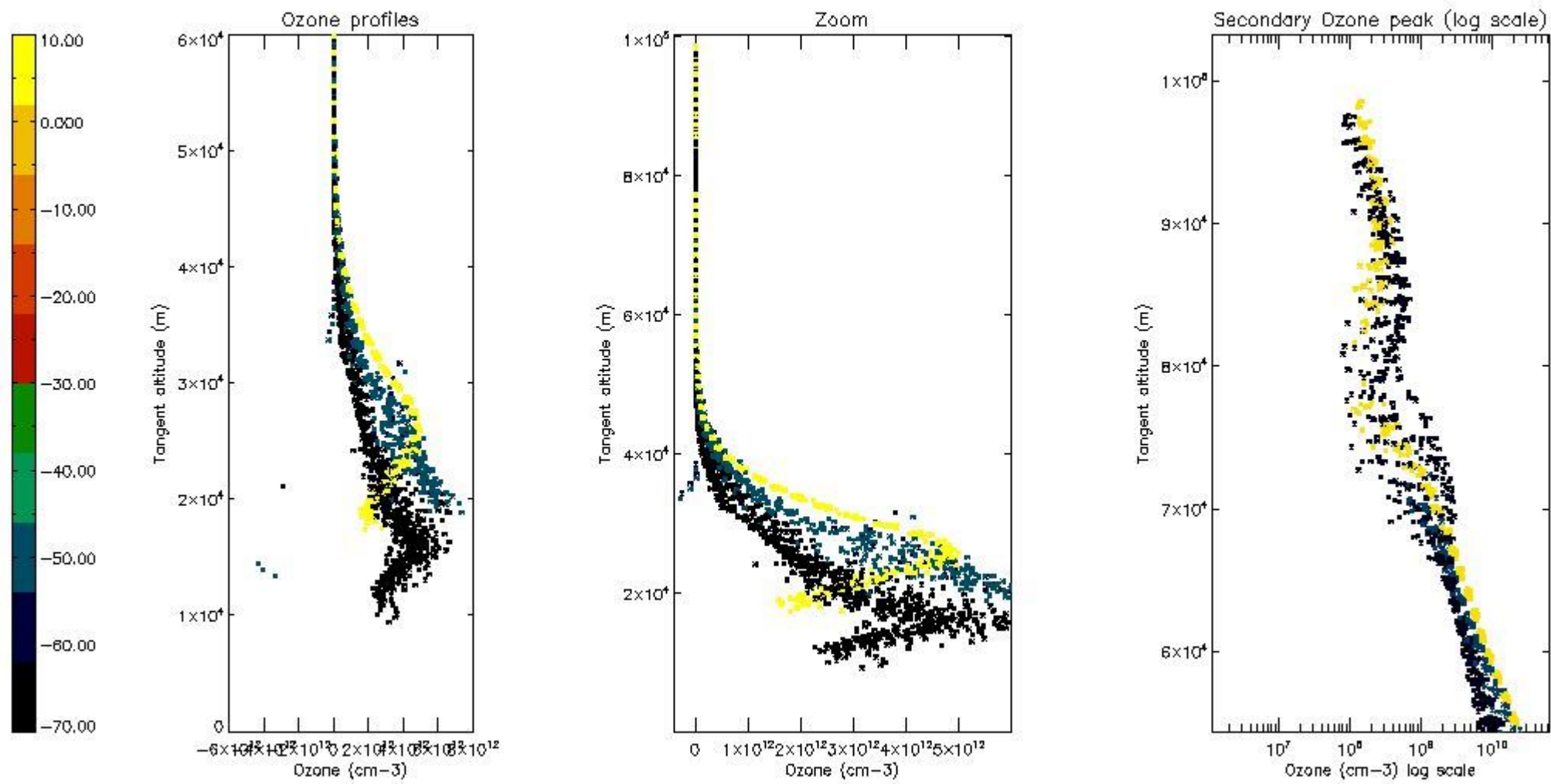
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



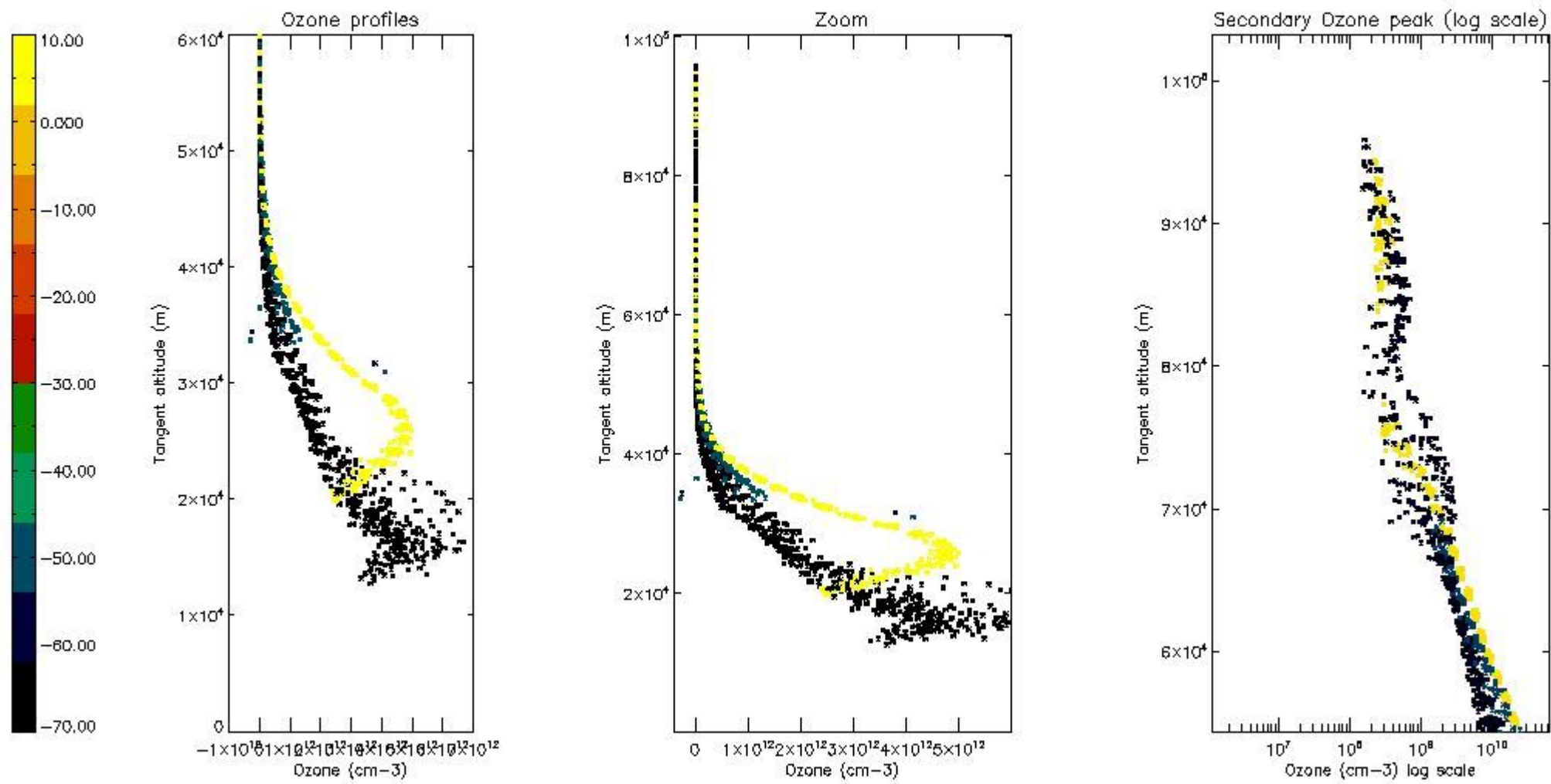
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



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

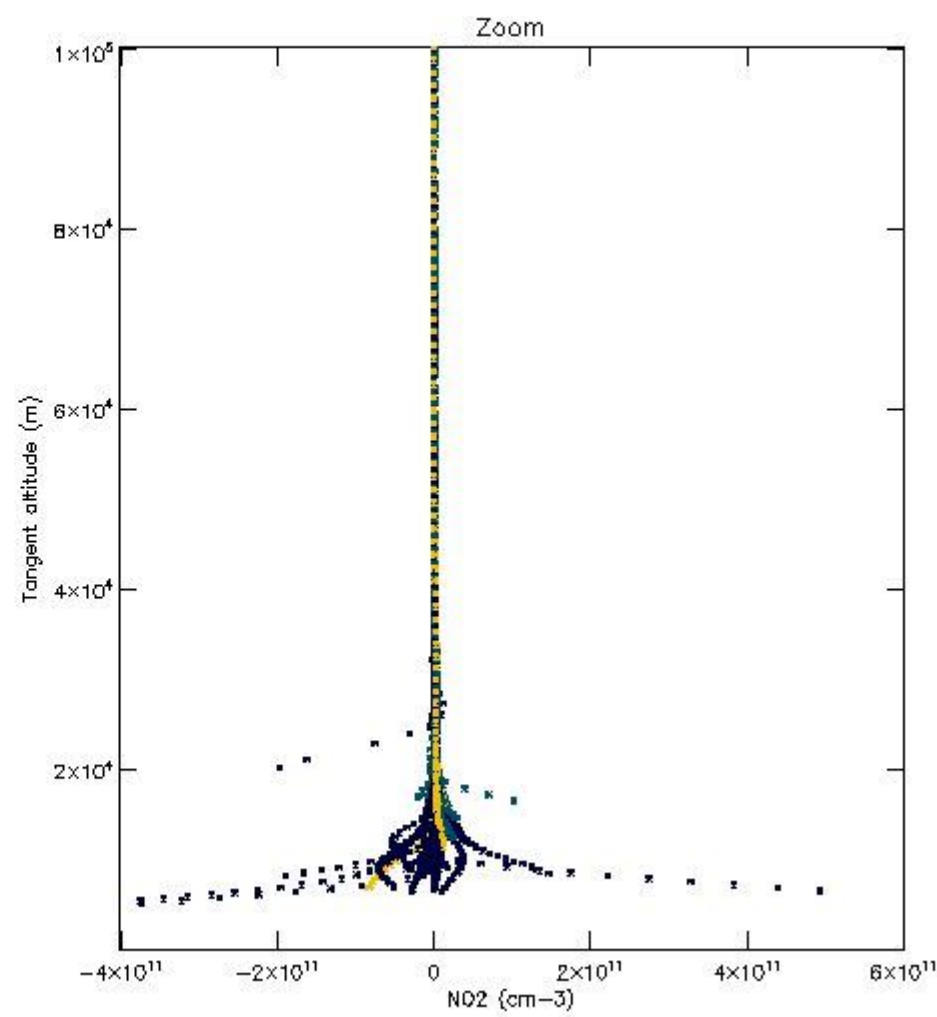
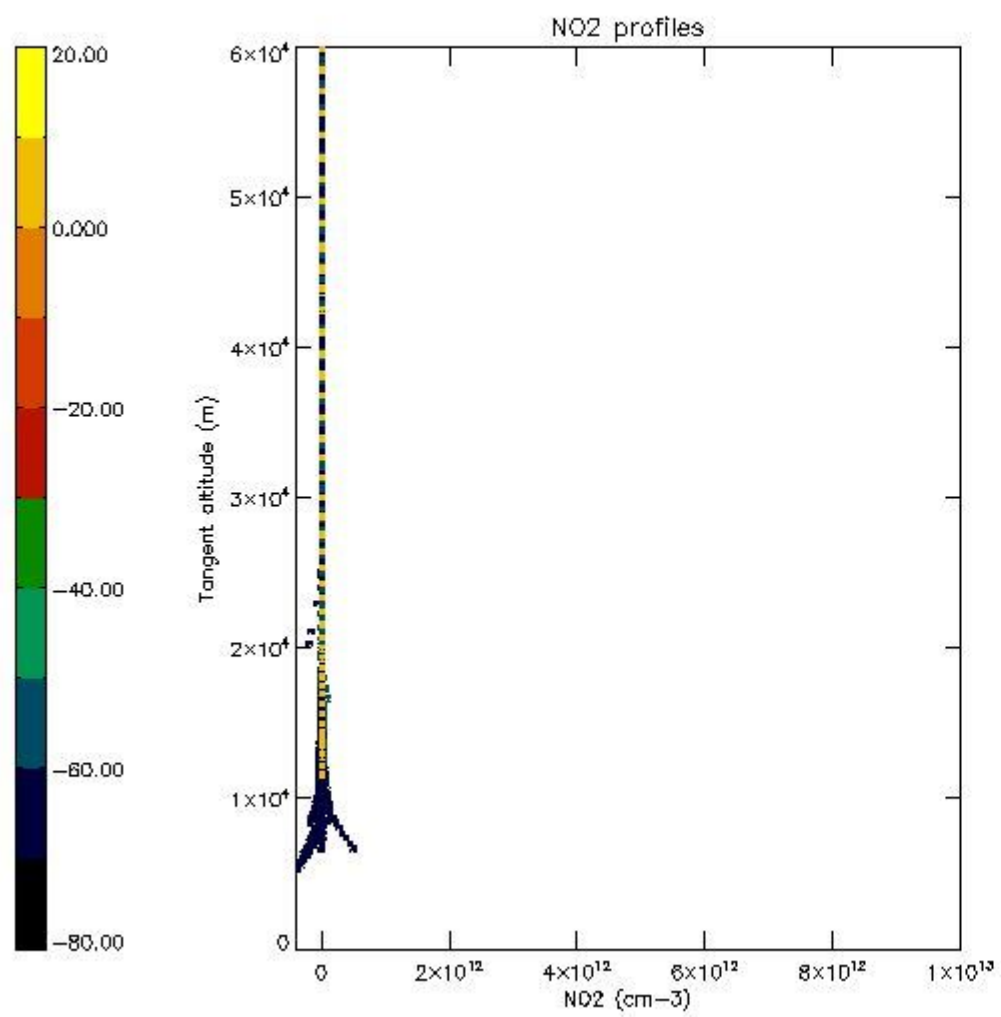
The colorbar represents the latitude.



*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

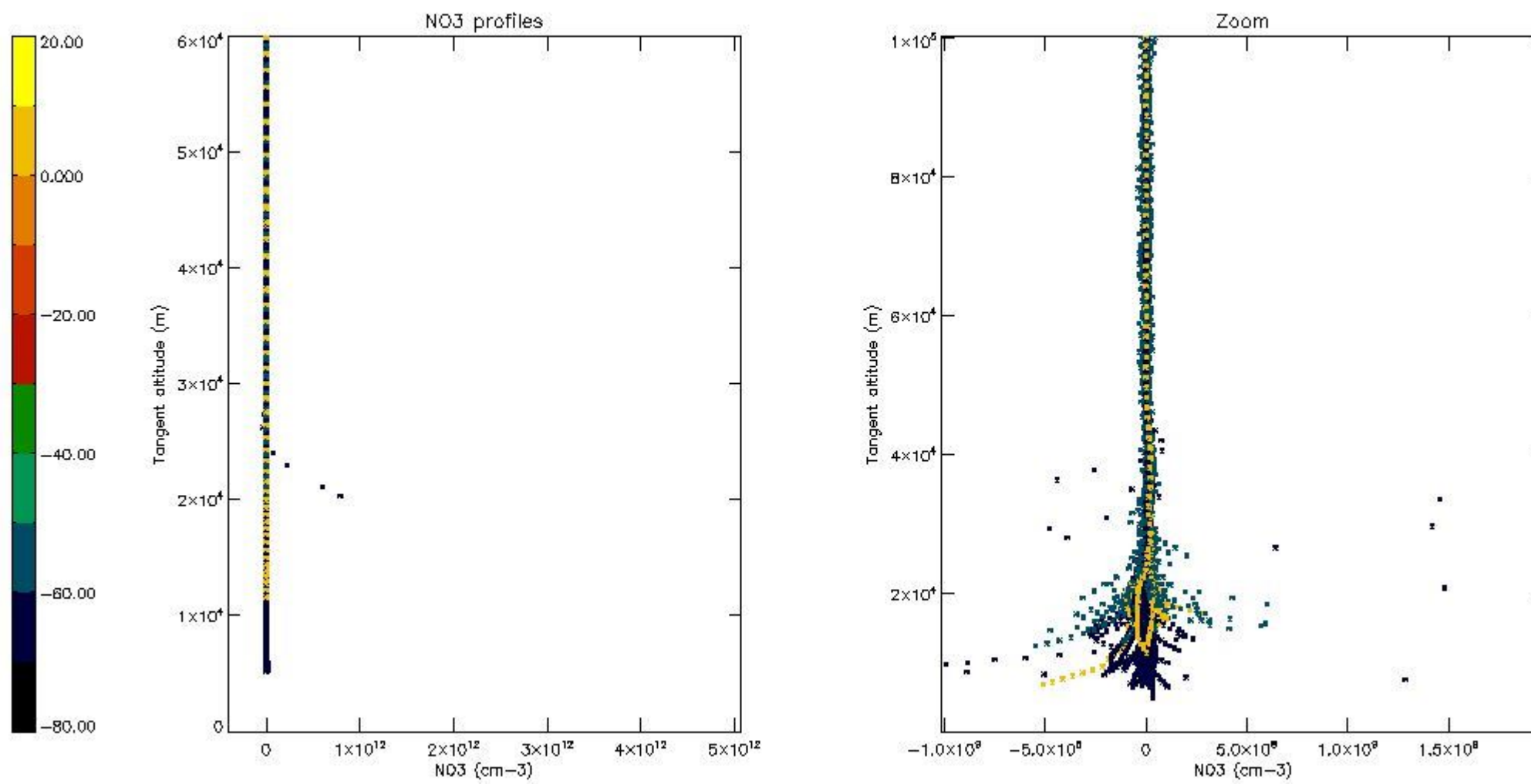
The colorbar represents the latitude.





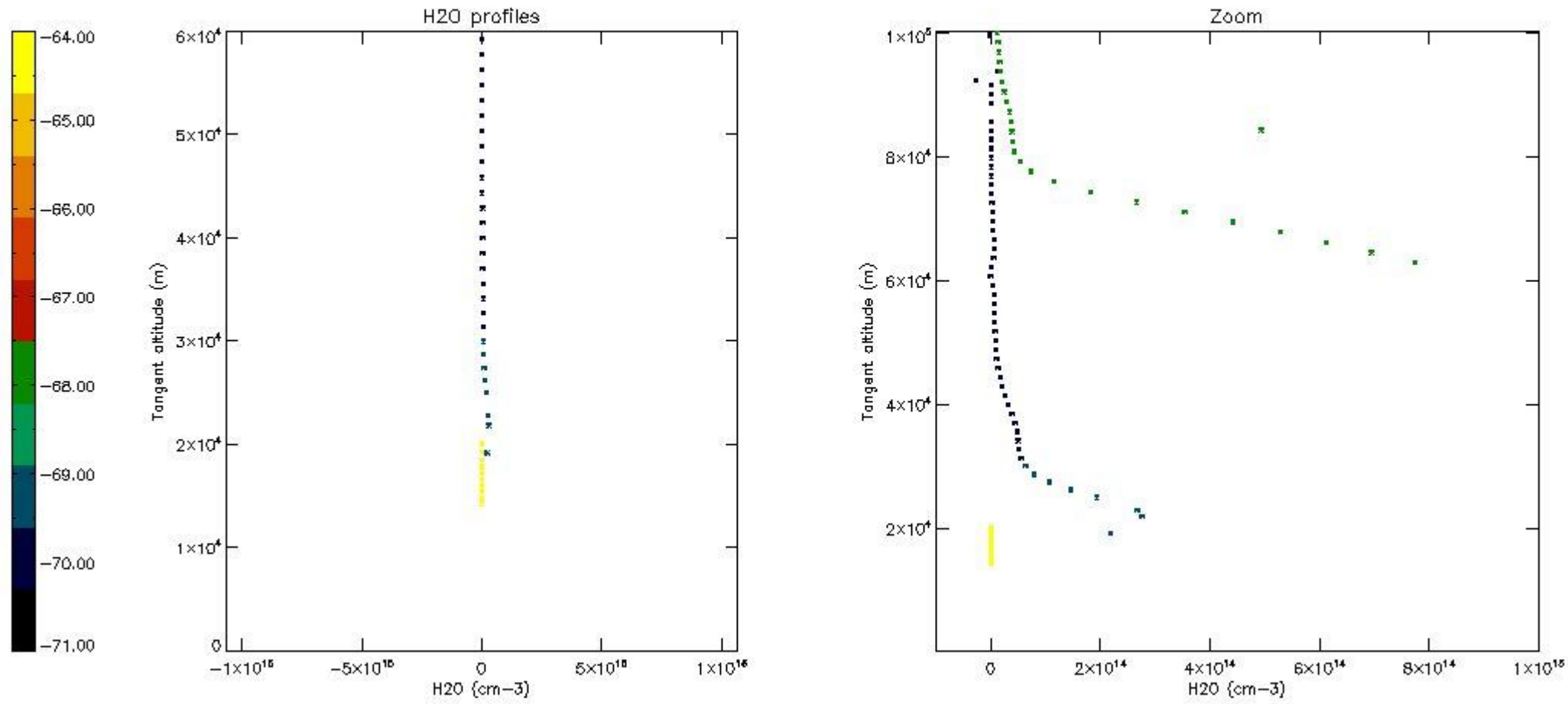
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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	14-AUG-2007 00:07:31
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-AUG-2007 00:07:31
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	14-AUG-2007 00:07:31

# GOMOS Level 2 Daily Report

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









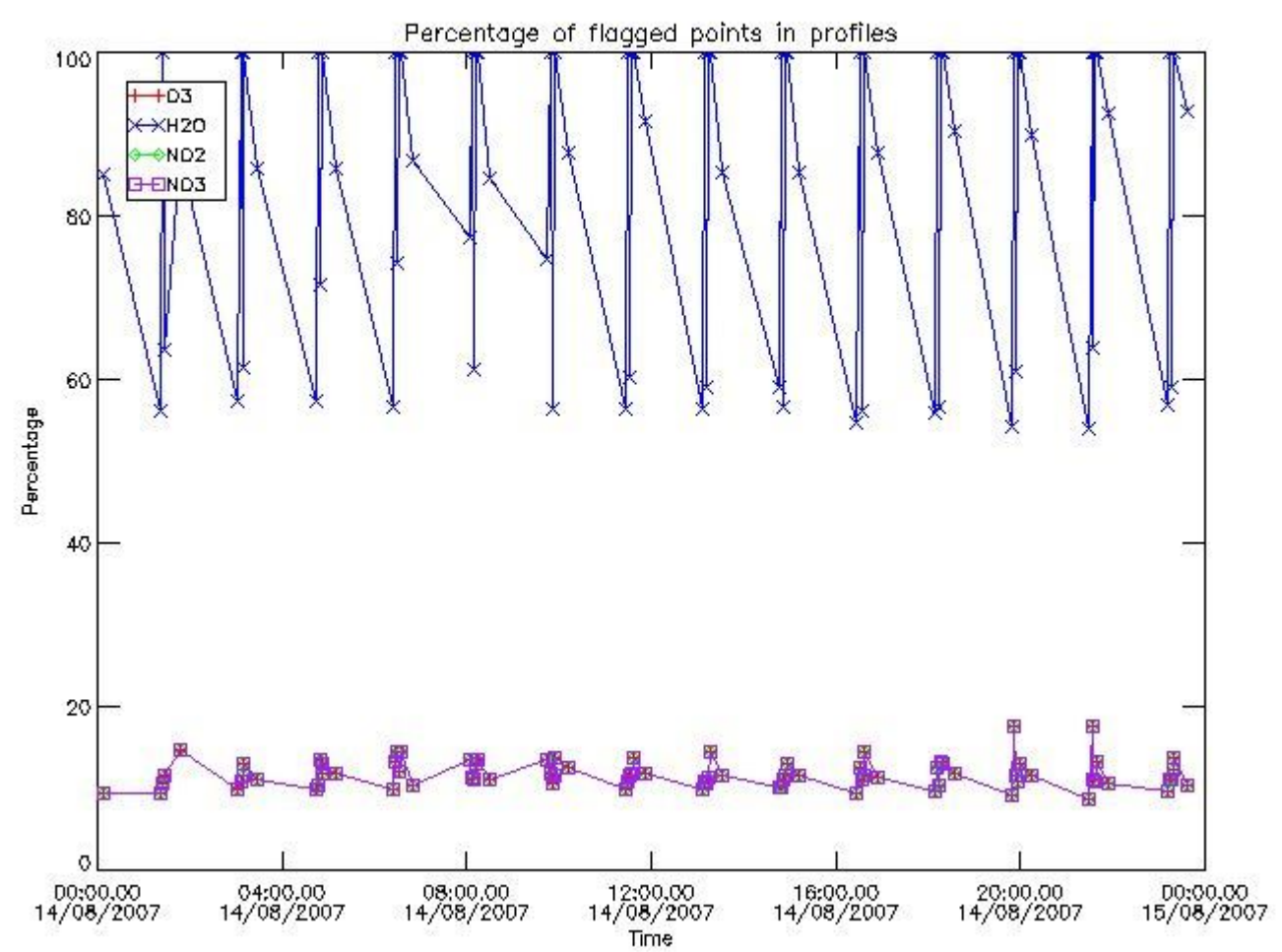


220	GOM_NL__2PRFIN20070814_194531_000000442060_00414_28524_7729.N1	14-AUG-2007 19:45:31	Twilight	43.500	44	24Gam Gem	1.9280	11000.	87	28524	No
221	GOM_NL__2PRFIN20070814_194857_000000552060_00414_28524_7730.N1	14-AUG-2007 19:48:57	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28524	No
222	GOM_NL__2PRFIN20070814_195204_000000292060_00414_28524_7731.N1	14-AUG-2007 19:52:04	Dark	29.000	30	46Eps Ori	1.6940	30000.	58	28524	No
223	GOM_NL__2PRFIN20070814_195437_000000442060_00414_28524_7732.N1	14-AUG-2007 19:54:37	Dark	44.000	1	9Alp CMa	-1.4400	11000.	88	28524	No
224	GOM_NL__2PRFIN20070814_195654_000000472060_00414_28524_7733.N1	14-AUG-2007 19:56:54	Dark	47.000	101	11Alp Lep	2.5820	7000.0	94	28524	No
225	GOM_NL__2PRFIN20070814_195842_000000392060_00414_28524_7734.N1	14-AUG-2007 19:58:42	Dark	39.000	177	1Zet CMa	3.0220	26000.	78	28524	No
226	GOM_NL__2PRFIN20070814_201450_000000452060_00415_28525_7723.N1	14-AUG-2007 20:14:50	Dark	44.500	9	Alp Eri	0.45300	24000.	89	28525	No
227	GOM_NL__2PRFIN20070814_202044_000000452060_00415_28525_7724.N1	14-AUG-2007 20:20:44	Straylight	45.000	148	Alp Tuc	2.8780	4100.0	90	28525	No
228	GOM_NL__2PRFIN20070814_202417_000000422060_00415_28525_7725.N1	14-AUG-2007 20:24:17	Straylight	41.500	31	Alp Gru	1.7340	15200.	83	28525	No
229	GOM_NL__2PRFIN20070814_202716_000000422060_00415_28525_7726.N1	14-AUG-2007 20:27:16	Straylight	42.000	172	Gam Gru	3.0030	13100.	84	28525	No
230	GOM_NL__2PRFIN20070814_204154_000000372060_00415_28525_7727.N1	14-AUG-2007 20:41:54	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	28525	No
231	GOM_NL__2PRFIN20070814_204920_000000402060_00415_28525_7728.N1	14-AUG-2007 20:49:20	Bright	39.500	92	53Eps Cyg	2.5000	4500.0	79	28525	No
232	GOM_NL__2PRFIN20070814_205053_000000392060_00415_28525_7729.N1	14-AUG-2007 20:50:53	Bright	38.500	66	37Gam Cyg	2.2080	5900.0	77	28525	No
233	GOM_NL__2PRFIN20070814_205232_000000412060_00415_28525_7730.N1	14-AUG-2007 20:52:32	Bright	41.000	19	50Alp Cyg	1.2460	10500.	82	28525	No
234	GOM_NL__2PRFIN20070814_205755_000000382060_00415_28525_7731.N1	14-AUG-2007 20:57:55	Bright	38.000	89	5Alp Cep	2.4510	8000.0	76	28525	No
235	GOM_NL__2PRFIN20070814_210450_000000362060_00415_28525_7732.N1	14-AUG-2007 21:04:50	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28525	No
236	GOM_NL__2PRFIN20070814_211752_000000522060_00415_28525_7733.N1	14-AUG-2007 21:17:52	Bright	52.000	42	34Bet Aur	1.9000	10200.	104	28525	No
237	GOM_NL__2PRFIN20070814_212017_000000362060_00415_28525_7734.N1	14-AUG-2007 21:20:17	Bright	35.500	107	37The Aur	2.6490	11000.	71	28525	No
238	GOM_NL__2PRFIN20070814_212432_000000452060_00415_28525_7735.N1	14-AUG-2007 21:24:32	Twilight	45.000	151	13Mu Gem	2.8900	3000.0	90	28525	No
239	GOM_NL__2PRFIN20070814_212607_000000432060_00415_28525_7736.N1	14-AUG-2007 21:26:07	Twilight	42.500	44	24Gam Gem	1.9280	11000.	85	28525	No
240	GOM_NL__2PRFIN20070814_212933_000000582060_00415_28525_7737.N1	14-AUG-2007 21:29:33	Dark	58.000	14	58Alp Ori	0.87000	3000.0	116	28525	No
241	GOM_NL__2PRFIN20070814_213241_000000292060_00415_28525_7738.N1	14-AUG-2007 21:32:41	Dark	28.500	30	46Eps Ori	1.6940	30000.	57	28525	No
242	GOM_NL__2PRFIN20070814_213513_000000462060_00415_28525_7739.N1	14-AUG-2007 21:35:13	Dark	46.000	1	9Alp CMa	-1.4400	11000.	92	28525	No
243	GOM_NL__2PRFIN20070814_213730_000000472060_00415_28525_7740.N1	14-AUG-2007 21:37:30	Dark	46.500	101	11Alp Lep	2.5820	7000.0	93	28525	No
244	GOM_NL__2PRFIN20070814_213919_000000392060_00415_28525_7741.N1	14-AUG-2007 21:39:19	Dark	38.500	177	1Zet CMa	3.0220	26000.	77	28525	No
245	GOM_NL__2PRFIN20070814_215527_000000482060_00416_28526_7747.N1	14-AUG-2007 21:55:27	Dark	48.000	9	Alp Eri	0.45300	24000.	96	28526	No
246	GOM_NL__2PRFIN20070814_220120_000000392060_00416_28526_7748.N1	14-AUG-2007 22:01:20	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	28526	No
247	GOM_NL__2PRFIN20070814_220453_000000412060_00416_28526_7749.N1	14-AUG-2007 22:04:53	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	28526	No
248	GOM_NL__2PRFIN20070814_220753_000000412060_00416_28526_7750.N1	14-AUG-2007 22:07:53	Straylight	40.500	172	Gam Gru	3.0030	13100.	81	28526	No
249	GOM_NL__2PRFIN20070814_222230_000000362060_00416_28526_7751.N1	14-AUG-2007 22:22:30	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28526	No
250	GOM_NL__2PRFIN20070814_222955_000000362060_00416_28526_7752.N1	14-AUG-2007 22:29:55	Bright	36.000	92	53Eps Cyg	2.5000	4500.0	72	28526	No
251	GOM_NL__2PRFIN20070814_223128_000000362060_00416_28526_7753.N1	14-AUG-2007 22:31:28	Bright	35.500	66	37Gam Cyg	2.2080	5900.0	71	28526	No
252	GOM_NL__2PRFIN20070814_223307_000000372060_00416_28526_7754.N1	14-AUG-2007 22:33:07	Bright	37.000	19	50Alp Cyg	1.2460	10500.	74	28526	No
253	GOM_NL__2PRFIN20070814_223830_000000352060_00416_28526_7755.N1	14-AUG-2007 22:38:30	Bright	35.000	89	5Alp Cep	2.4510	8000.0	70	28526	No
254	GOM_NL__2PRFIN20070814_224526_000000362060_00416_28526_7756.N1	14-AUG-2007 22:45:26	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28526	No
255	GOM_NL__2PRFIN20070814_225828_000000522060_00416_28526_7757.N1	14-AUG-2007 22:58:28	Bright	51.500	42	34Bet Aur	1.9000	10200.	103	28526	No
256	GOM_NL__2PRFIN20070814_230053_000000422060_00416_28526_7758.N1	14-AUG-2007 23:00:53	Bright	41.500	107	37The Aur	2.6490	11000.	83	28526	No
257	GOM_NL__2PRFIN20070814_230509_000000512060_00416_28526_7759.N1	14-AUG-2007 23:05:09	Twilight	50.500	151	13Mu Gem	2.8900	3000.0	101	28526	No
258	GOM_NL__2PRFIN20070814_230643_000000422060_00416_28526_7760.N1	14-AUG-2007 23:06:43	Twilight	41.500	44	24Gam Gem	1.9280	11000.	83	28526	No
259	GOM_NL__2PRFIN20070814_231009_000000532060_00416_28526_7761.N1	14-AUG-2007 23:10:09	Dark	52.500	14	58Alp Ori	0.87000	3000.0	105	28526	No
260	GOM_NL__2PRFIN20070814_231321_000000462060_00416_28526_7762.N1	14-AUG-2007 23:13:21	Dark	45.500	33	50Zet Ori	1.7660	30000.	91	28526	No
261	GOM_NL__2PRFIN20070814_231549_000000462060_00416_28526_7763.N1	14-AUG-2007 23:15:49	Dark	45.500	1	9Alp CMa	-1.4400	11000.	91	28526	No
262	GOM_NL__2PRFIN20070814_231807_000000422060_00416_28526_7764.N1	14-AUG-2007 23:18:07	Dark	41.500	101	11Alp Lep	2.5820	7000.0	83	28526	No
263	GOM_NL__2PRFIN20070814_231955_000000372060_00416_28526_7765.N1	14-AUG-2007 23:19:55	Dark	37.000	177	1Zet CMa	3.0220	26000.	74	28526	No
264	GOM_NL__2PRFIN20070814_233603_000000492060_00417_28527_7759.N1	14-AUG-2007 23:36:03	Dark	49.000	9	Alp Eri	0.45300	24000.	98	28527	No
265	GOM_NL__2PRFIN20070814_234157_000000402060_00417_28527_7760.N1	14-AUG-2007 23:41:57	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28527	No
266	GOM_NL__2PRFIN20070814_234529_000000432060_00417_28527_7761.N1	14-AUG-2007 23:45:29	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	28527	No
267	GOM_NL__2PRFIN20070814_234829_000000412060_00417_28527_7762.N1	14-AUG-2007 23:48:29	Straylight	40.500	172	Gam Gru	3.0030	13100.	81	28527	No

### 3. Quality information per product

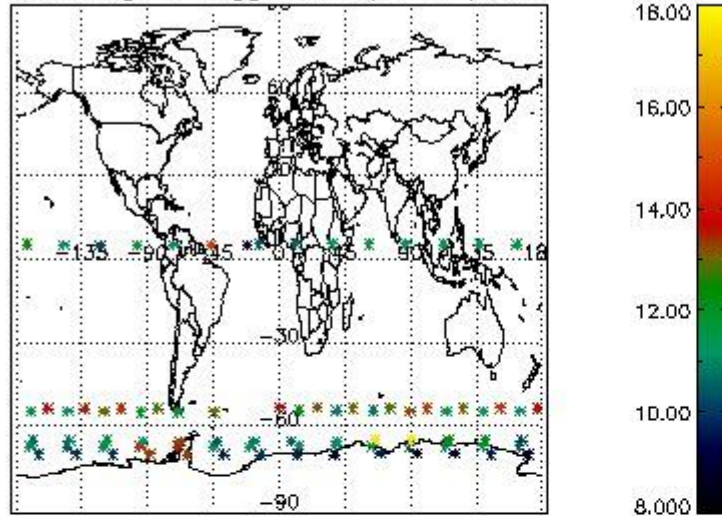
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

#### 3.1 Plot quality information per product (time dependant)

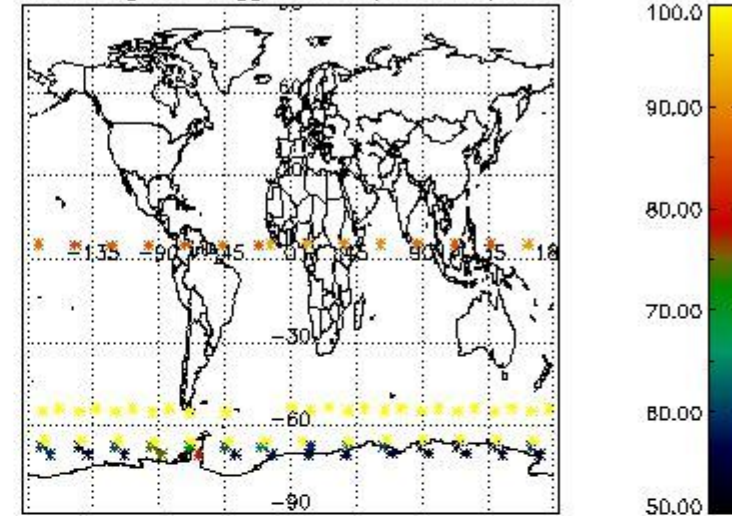


3.2 Plot quality information per product (world map)

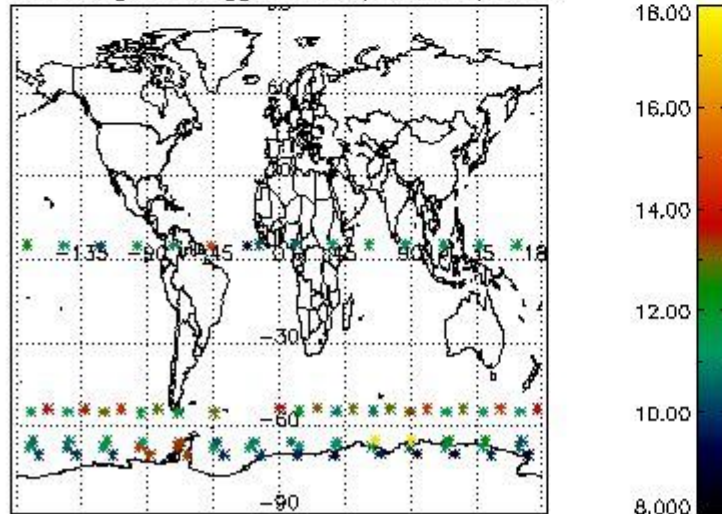
Percentage of flagged data per O3 profile



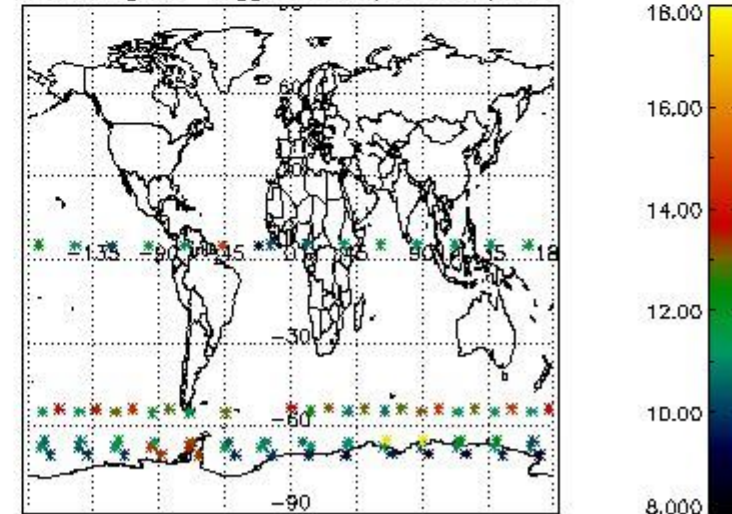
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

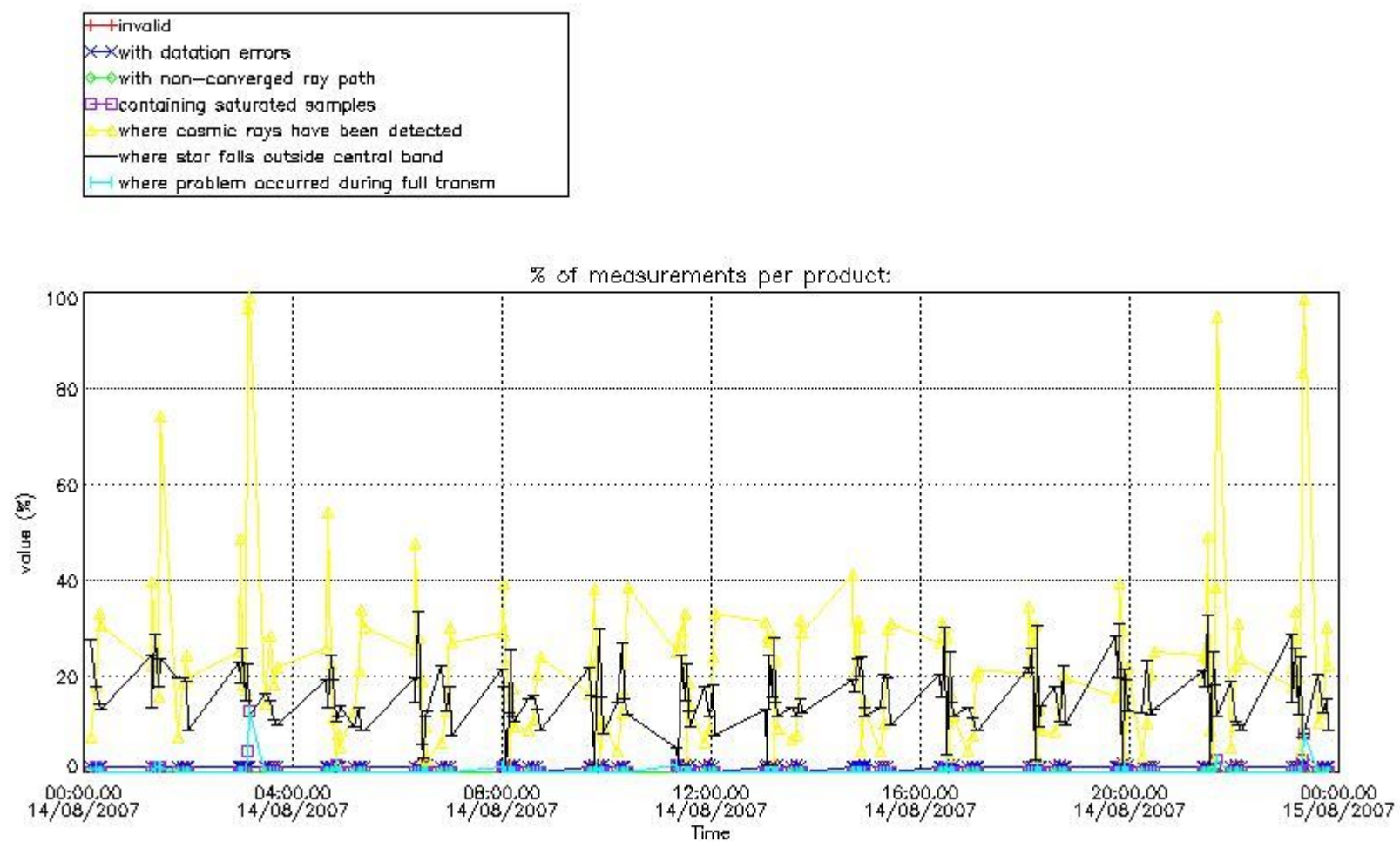


#### 4. Level 1 quality information per product

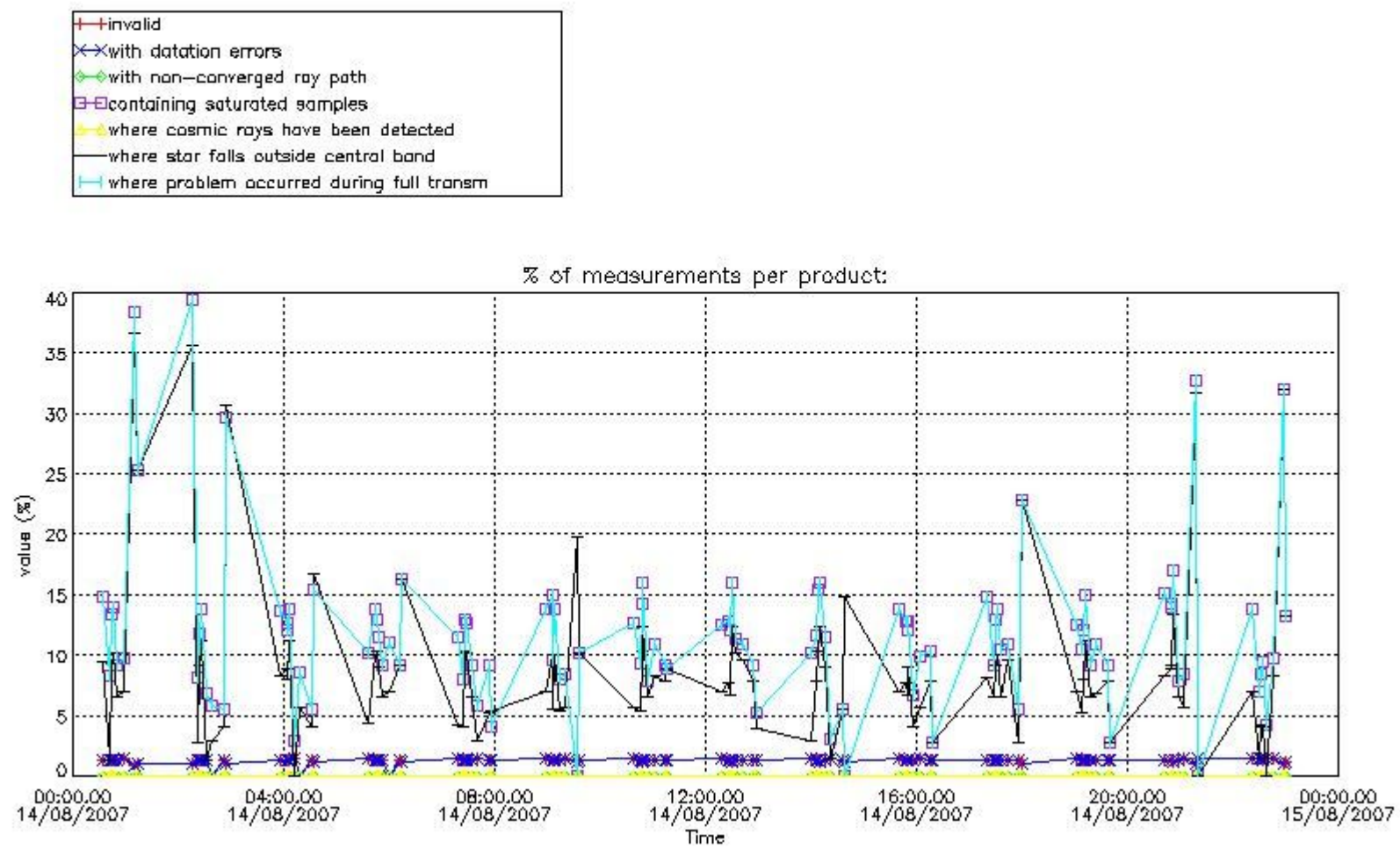
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



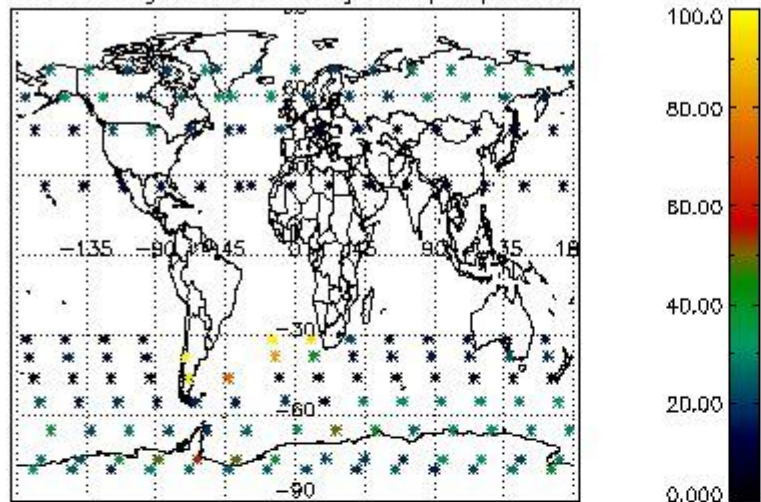
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



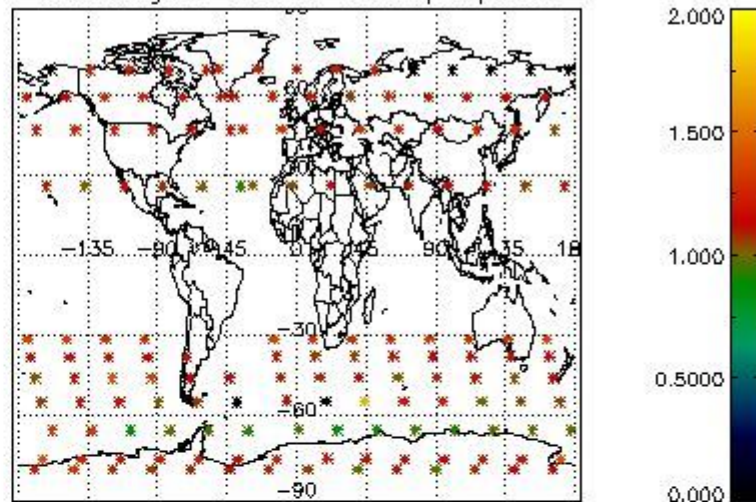
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

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

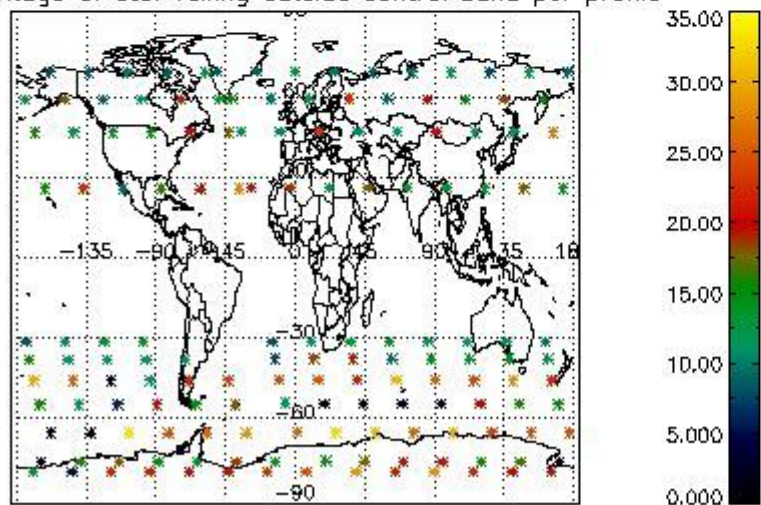
Percentage of cosmic ray hits per profile



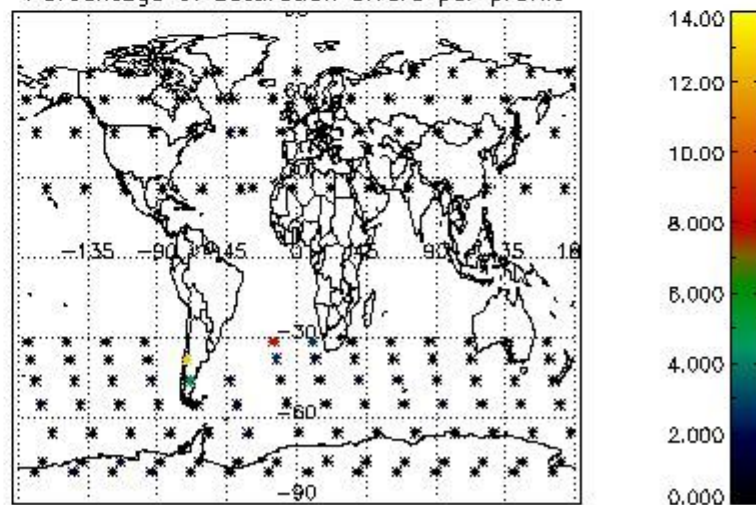
Percentage of datation errors per profile



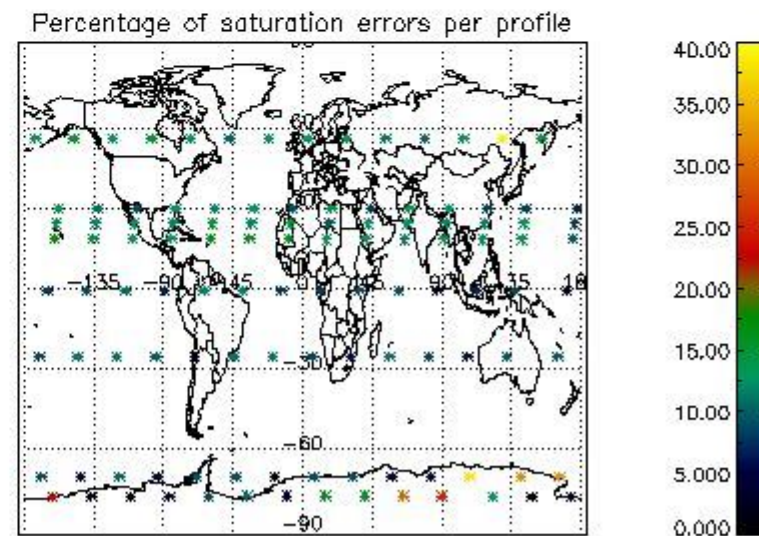
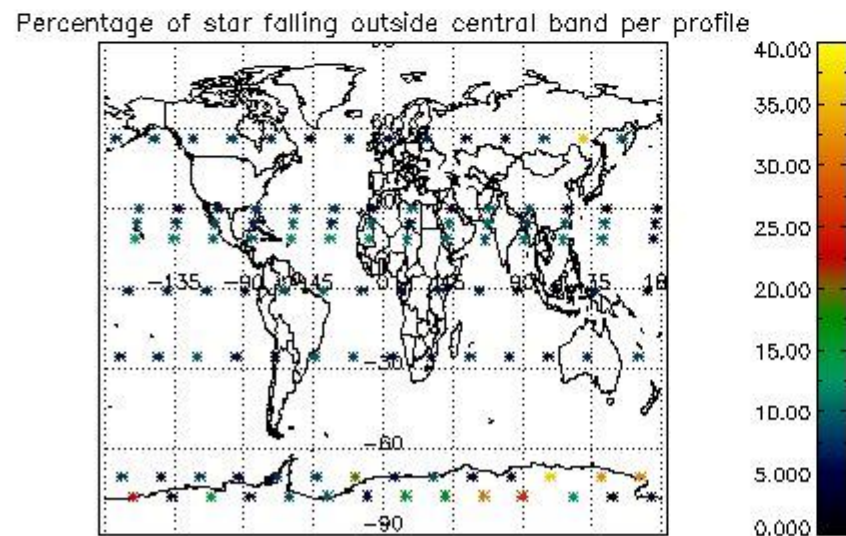
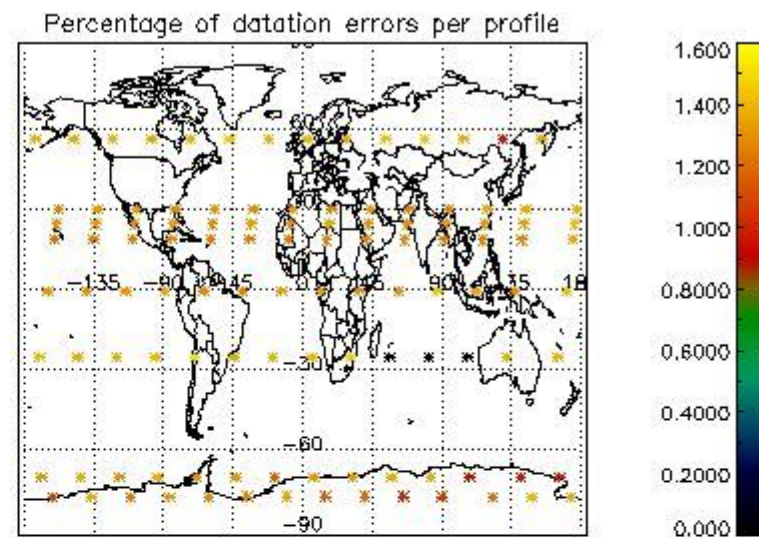
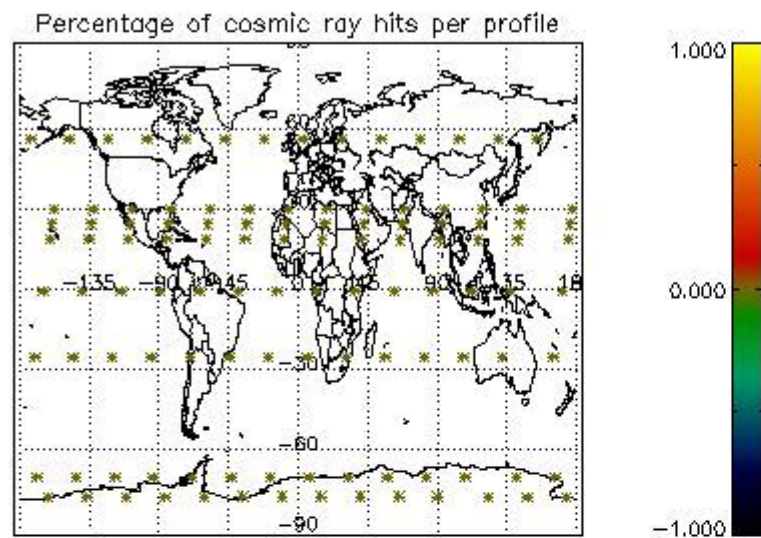
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile. This information is written to the parameter GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/o3\_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM\_NL\_\_2P/NL\_SUMMARY\_QUALITY/obs\_ill\_cond=0
- Products without fatal errors: GOM\_NL\_\_2P/MPH/PRODUCT\_ERR=0
- Valid point profile: GOM\_NL\_\_2P/NL\_LOCAL\_SPECIES\_DENSITY/pcd(0)=0

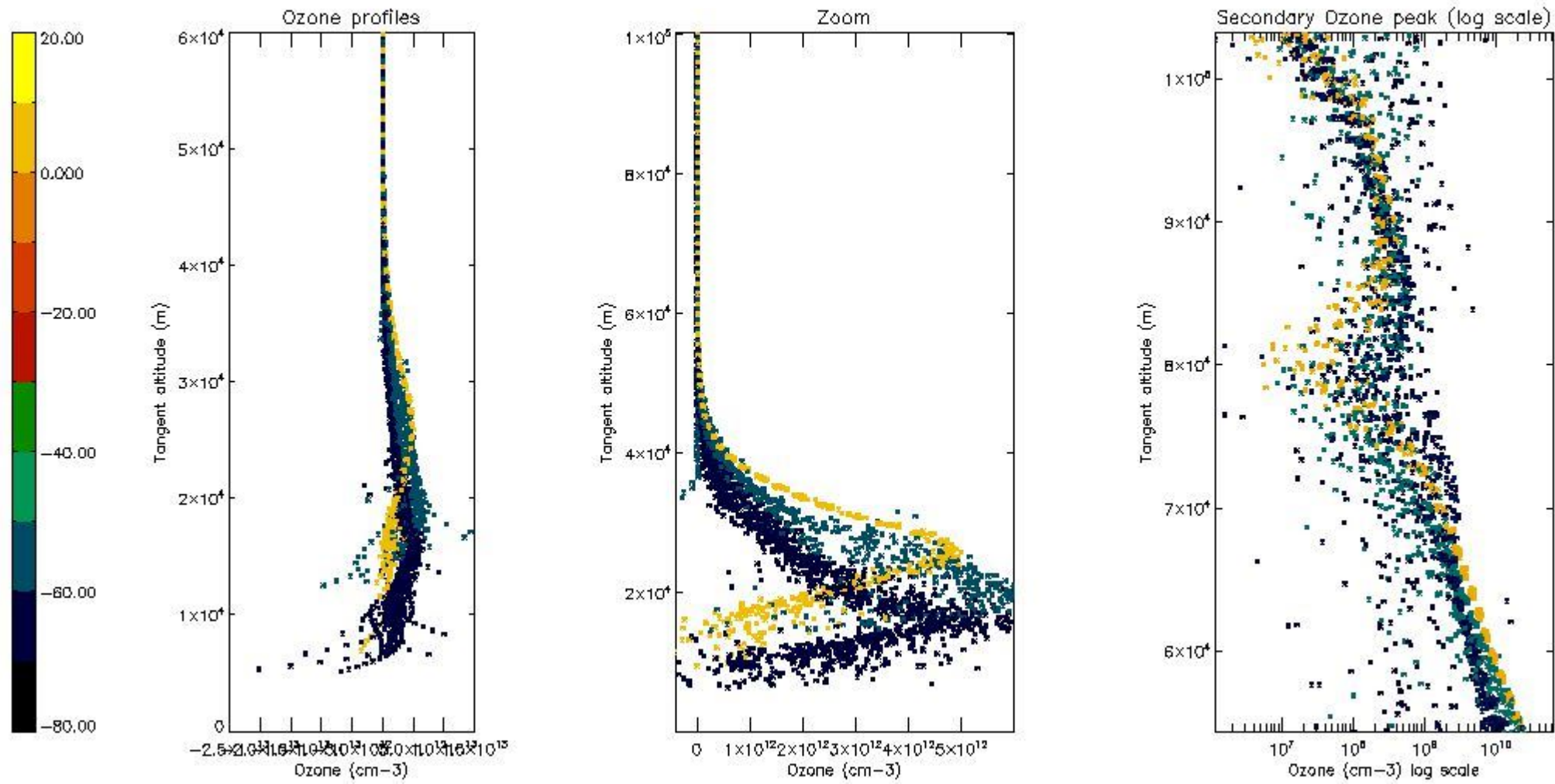
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	34
STD < 20	21

STD < 10	17
STD < 5	12

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

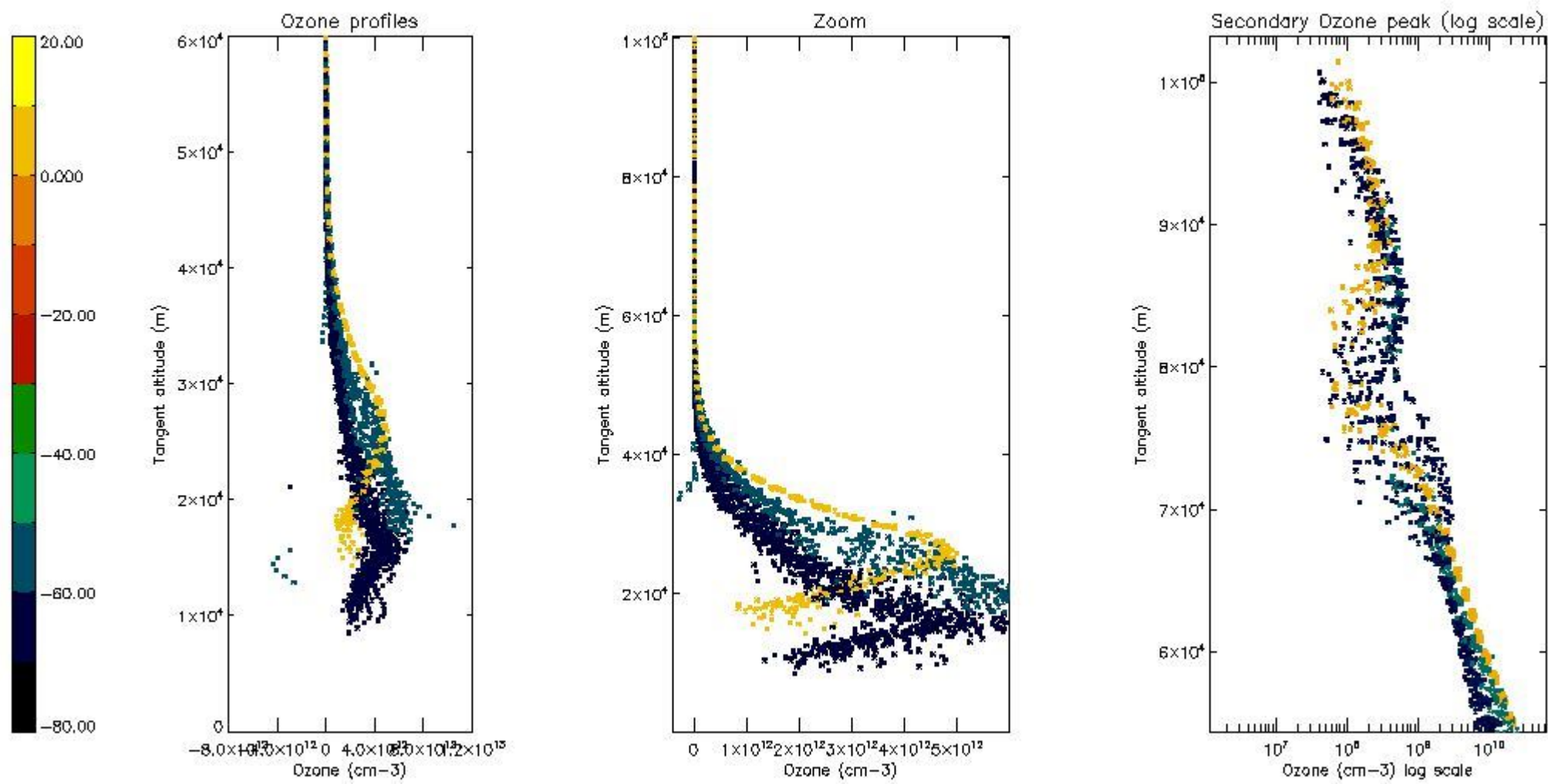
The colorbar represents the latitude.



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

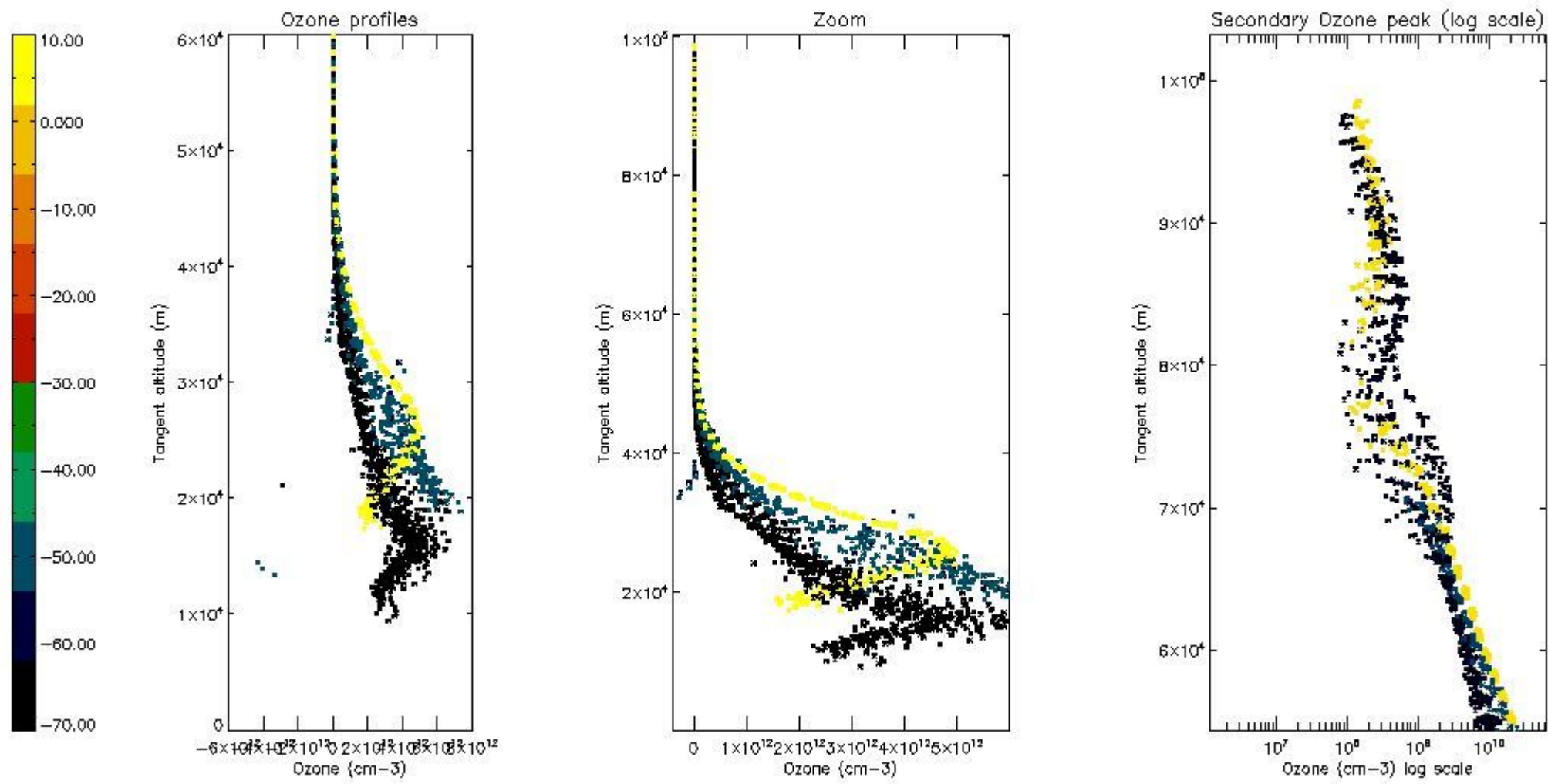
The colorbar represents the latitude.





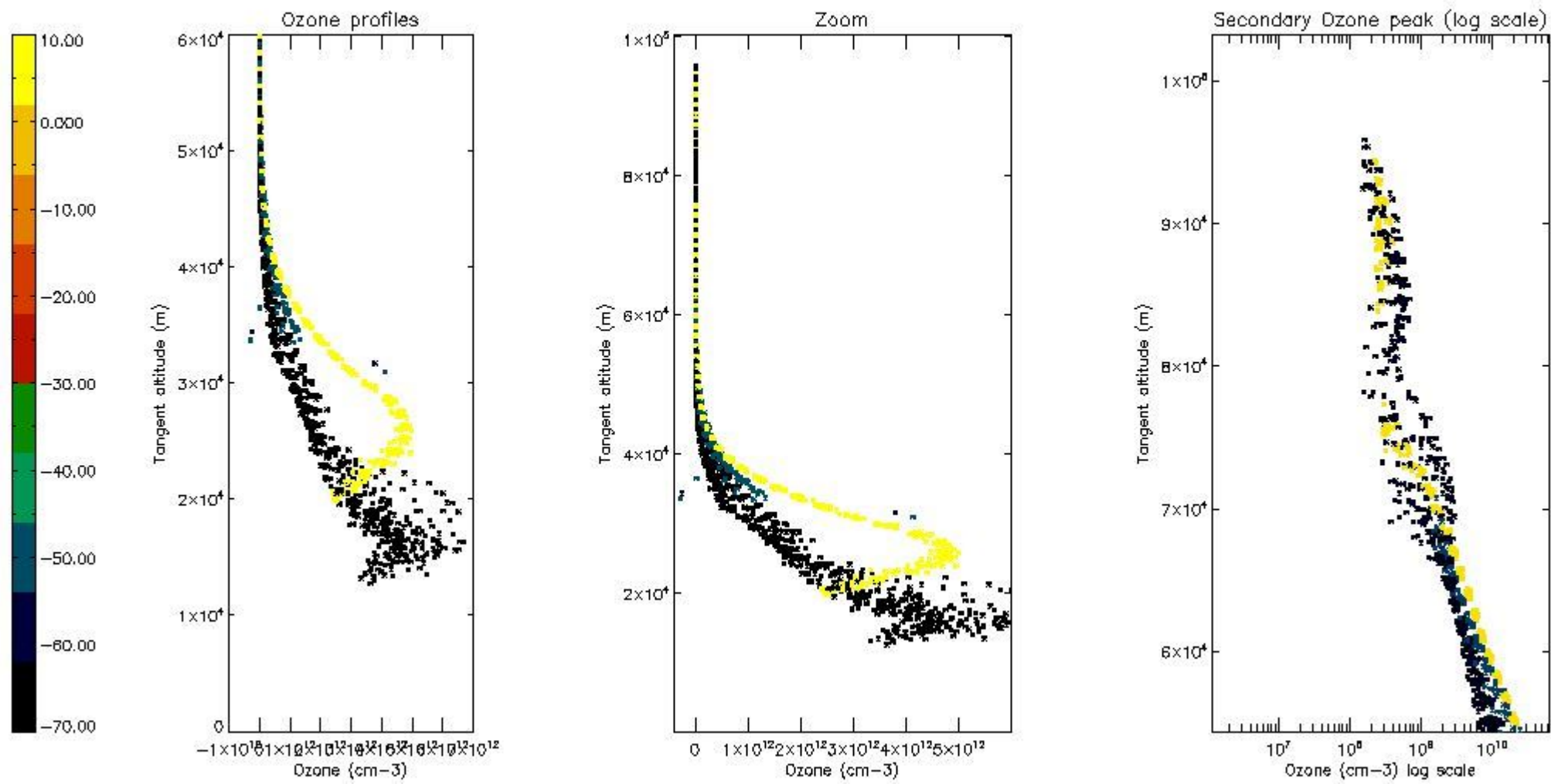
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



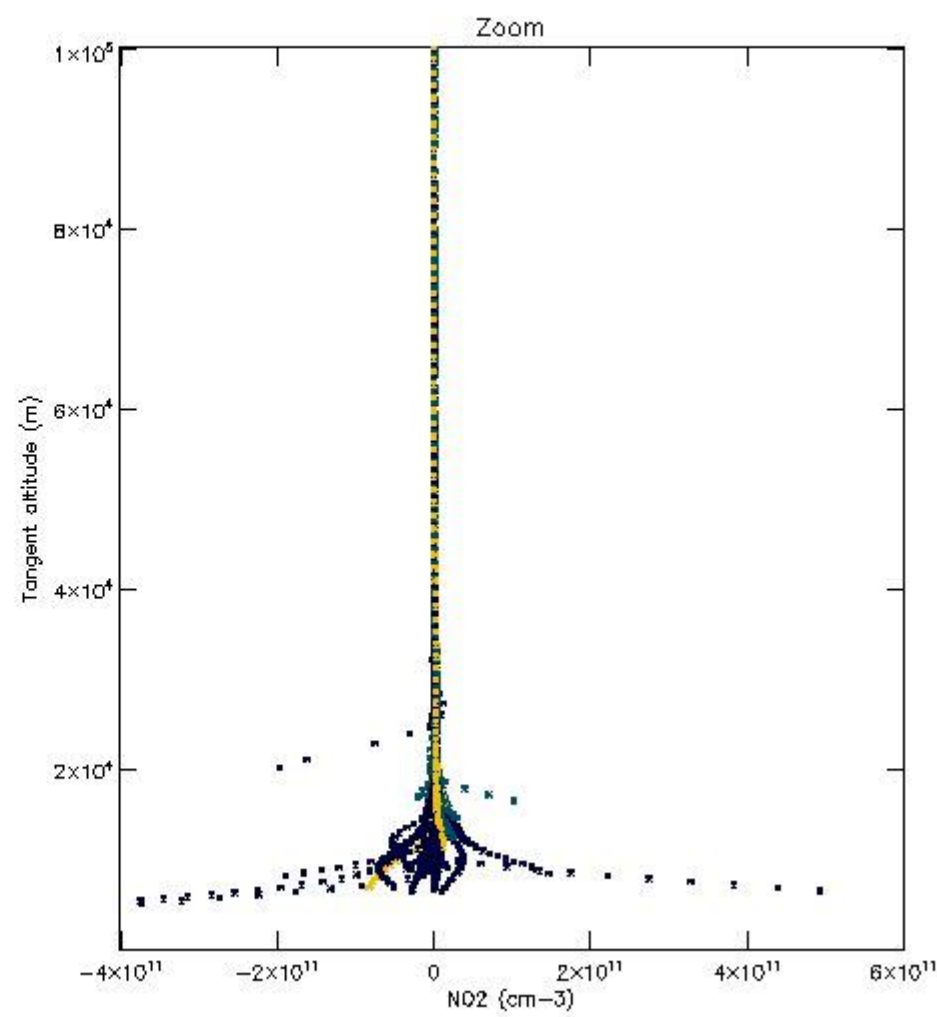
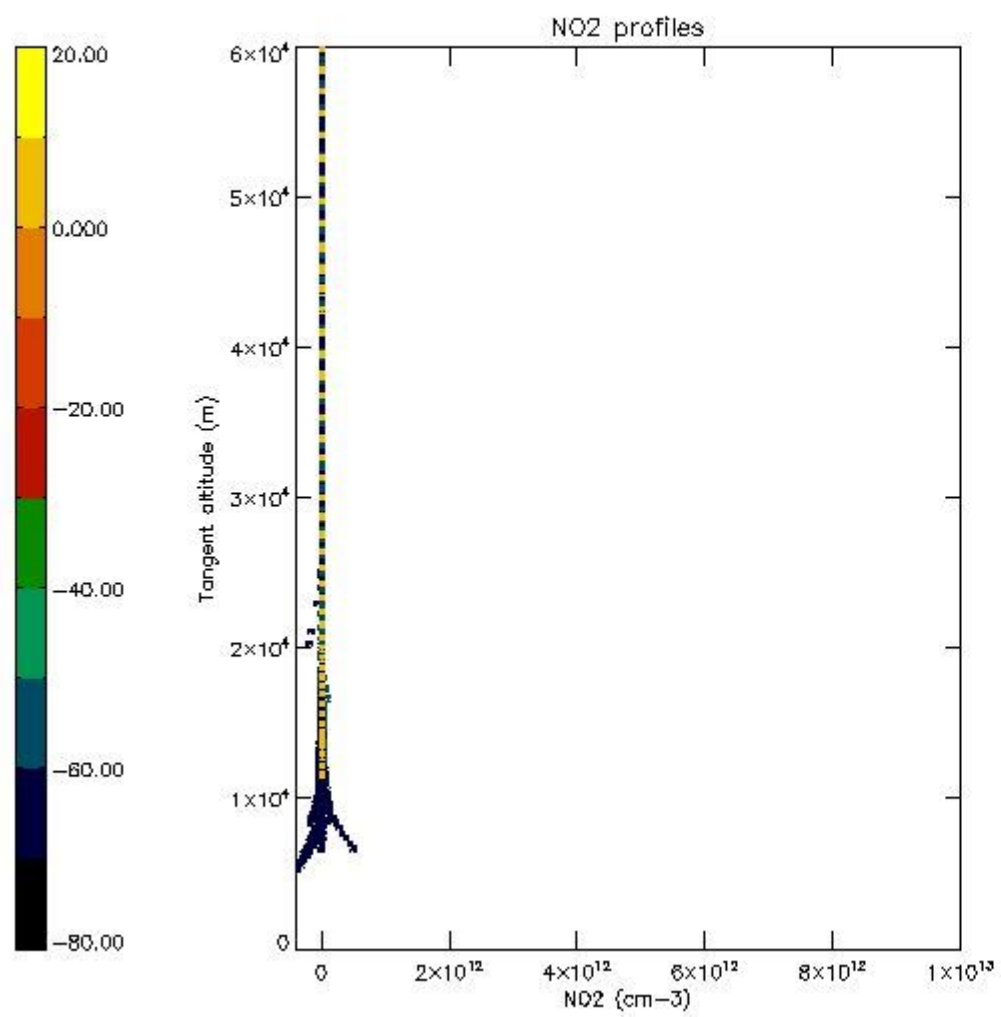
*5.5 Plot ozone profiles where  $STD < 5\%$  (dark without errors)*

The colorbar represents the latitude.



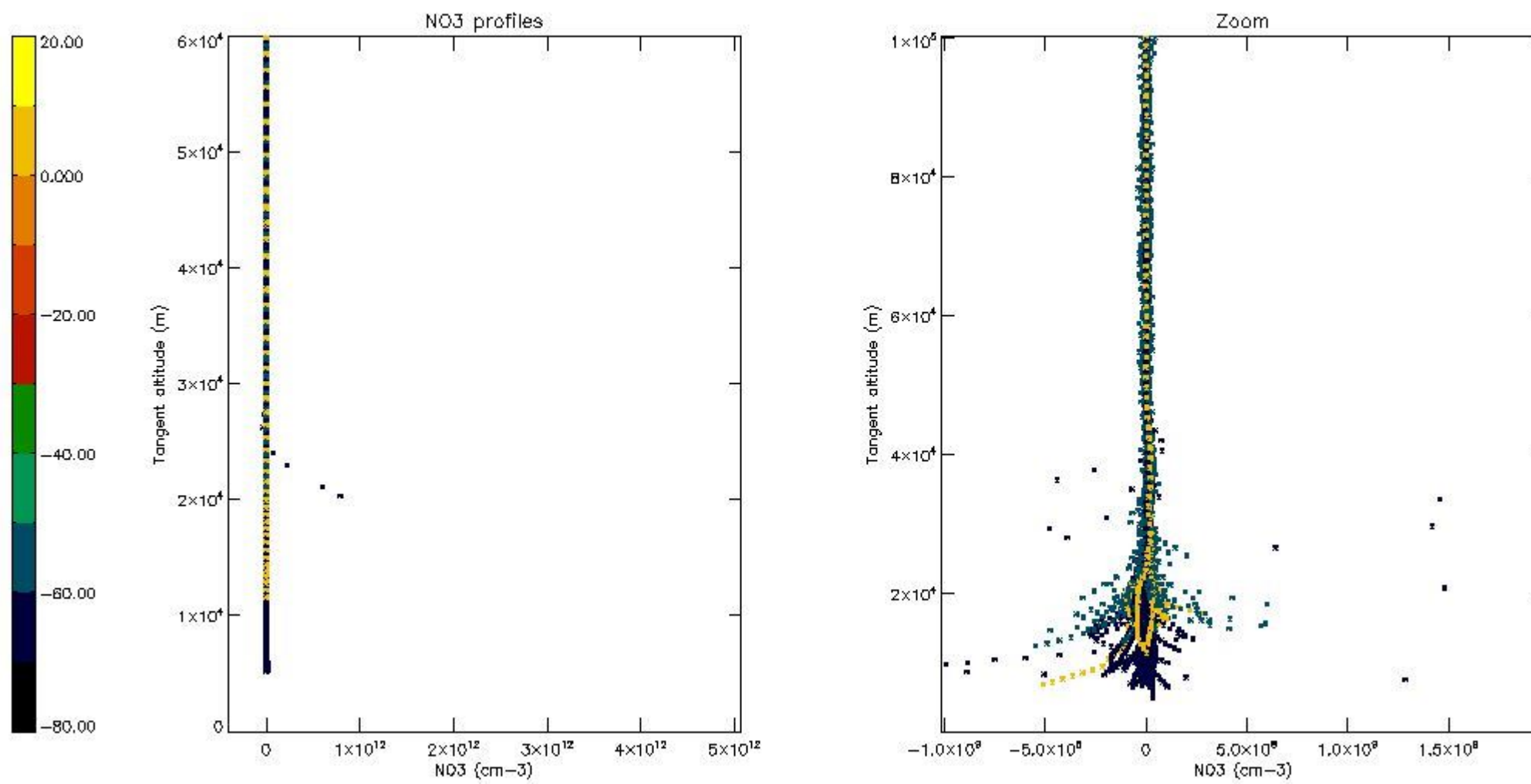
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



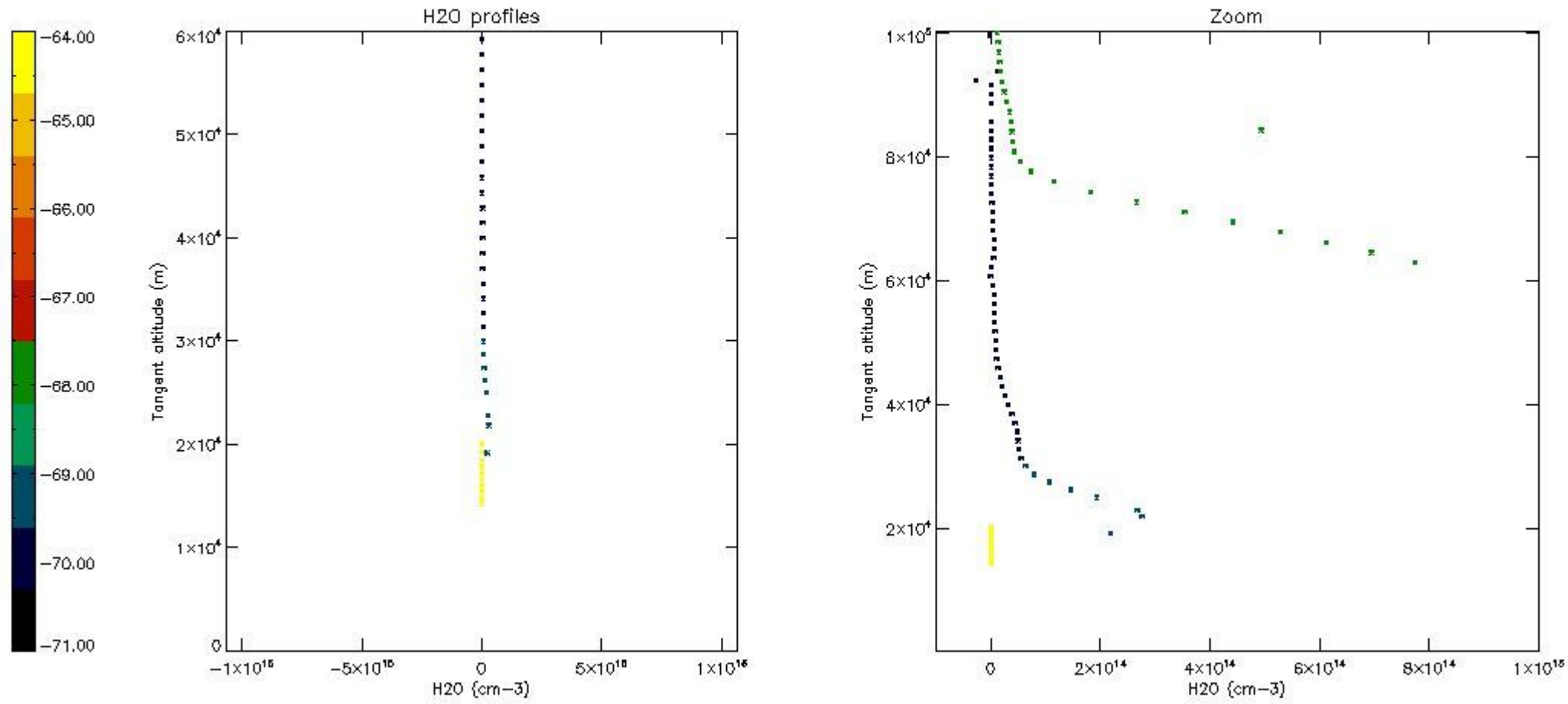
*5.7 Plot NO3 profiles for all STD (dark without errors)*

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)*

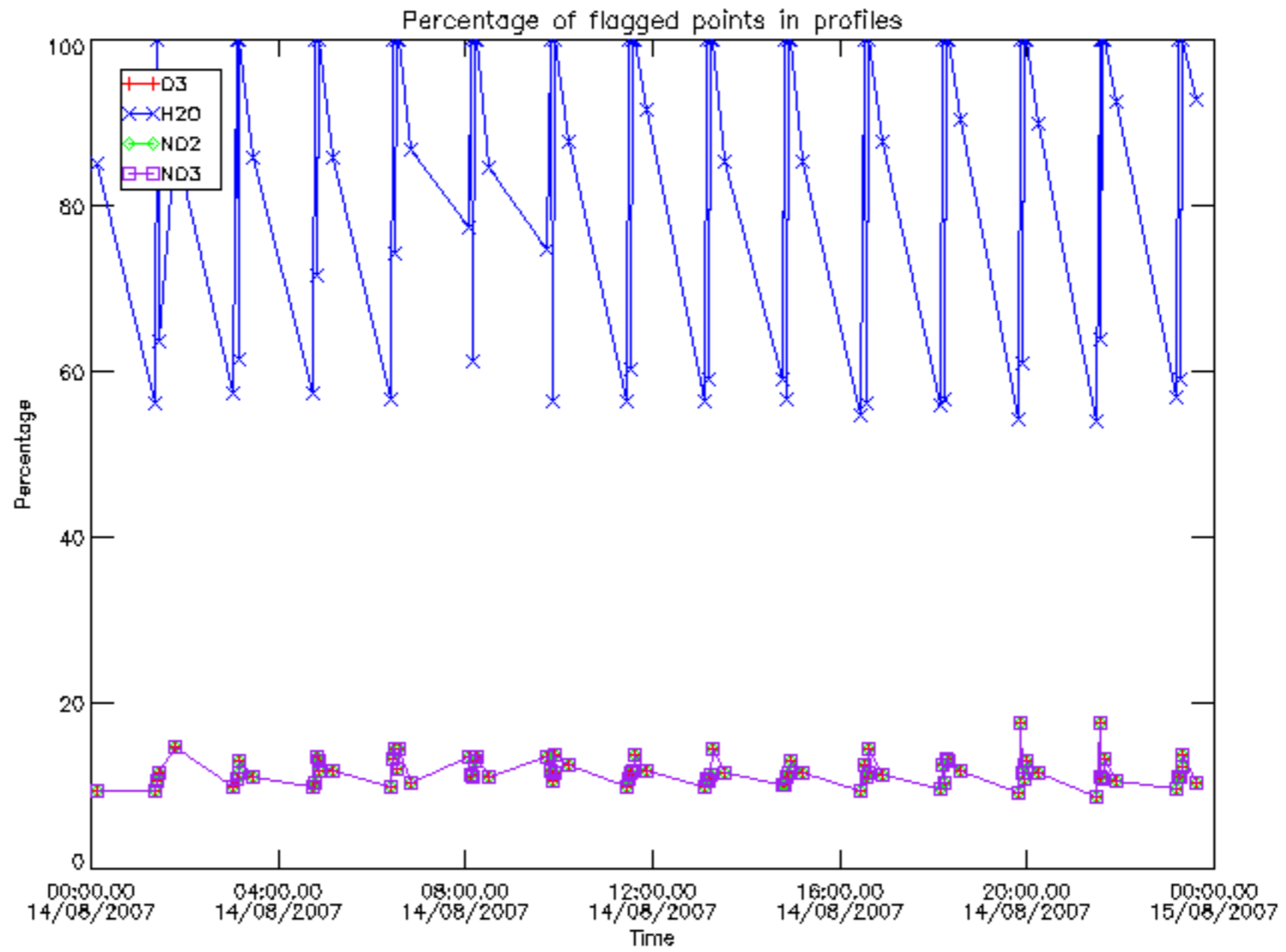
The colorbar represents the latitude.



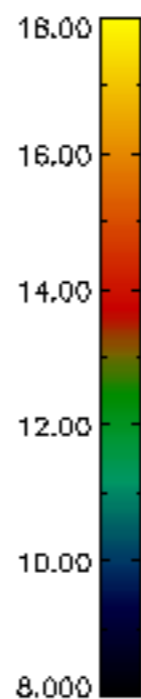
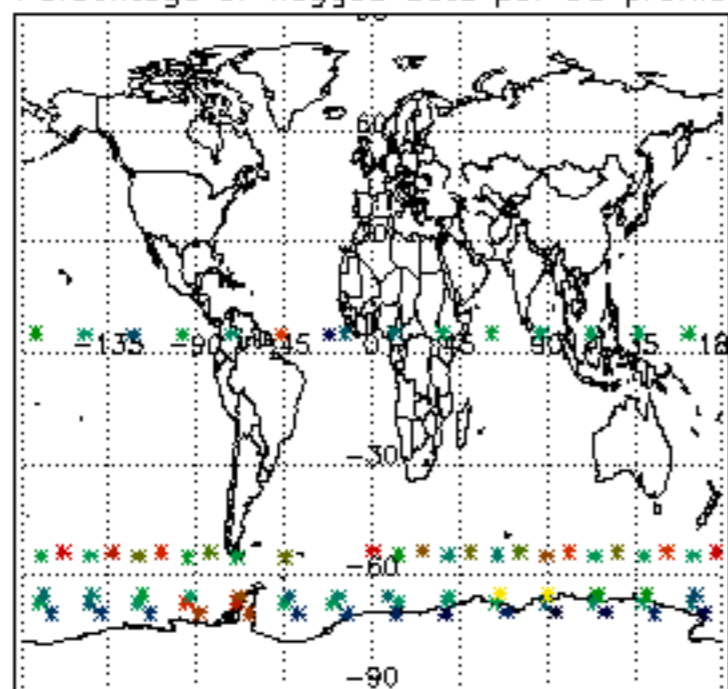
## 6. Auxiliary Data Files used for the production reported in section 2

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.

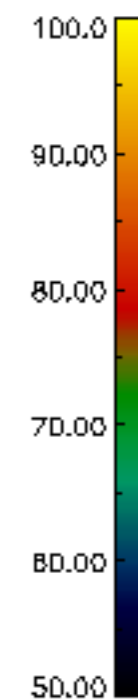
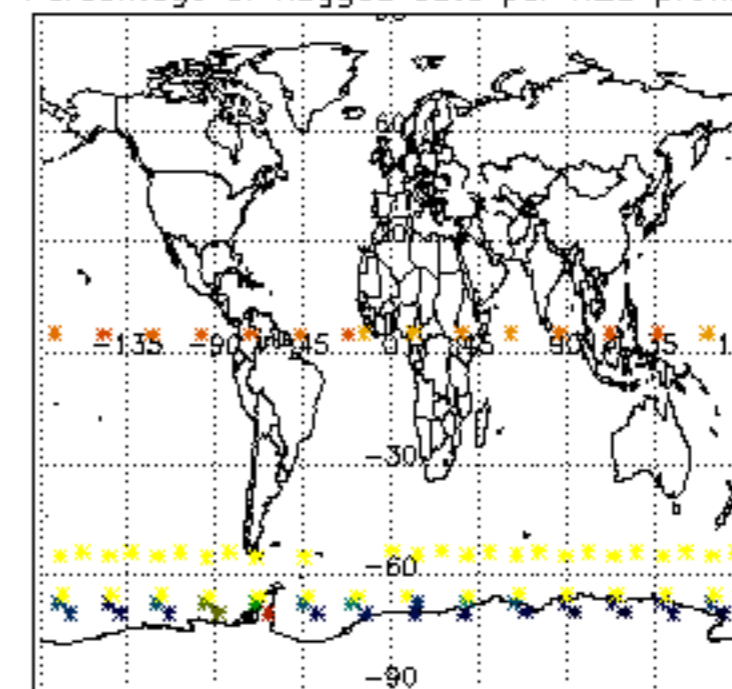
Type	Auxiliary Filename	Used since product	Used since product date
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LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	14-AUG-2007 00:07:31
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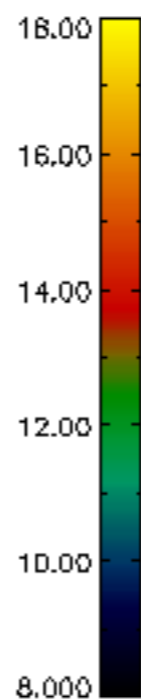
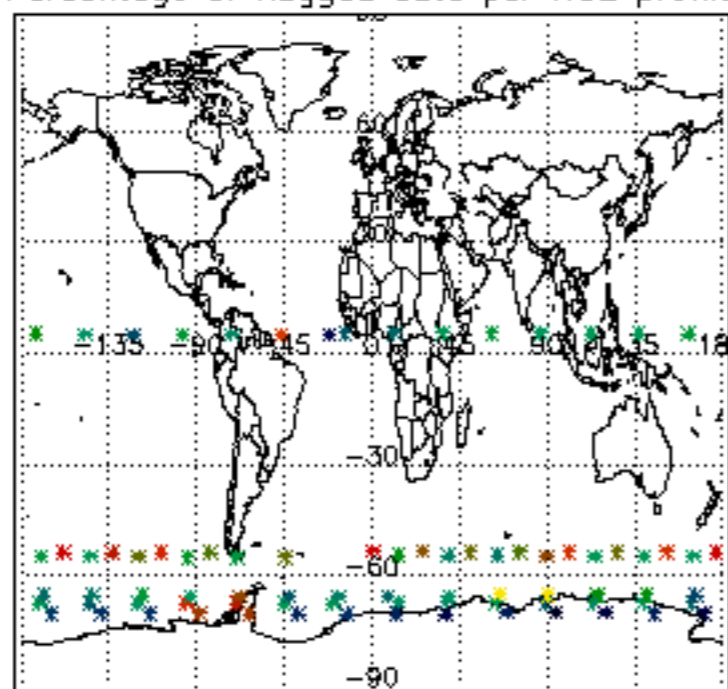
Percentage of flagged data per D3 profile



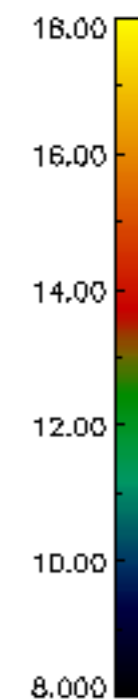
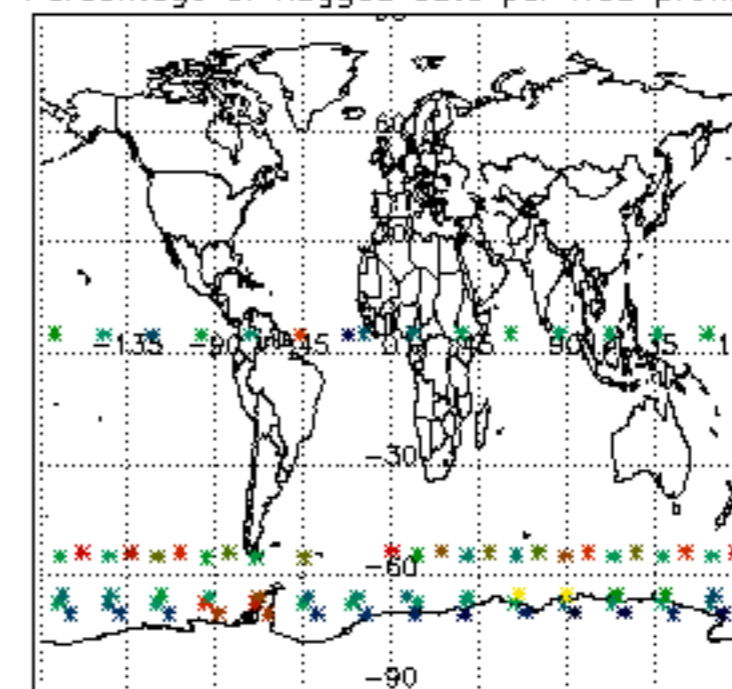
Percentage of flagged data per H2O profile



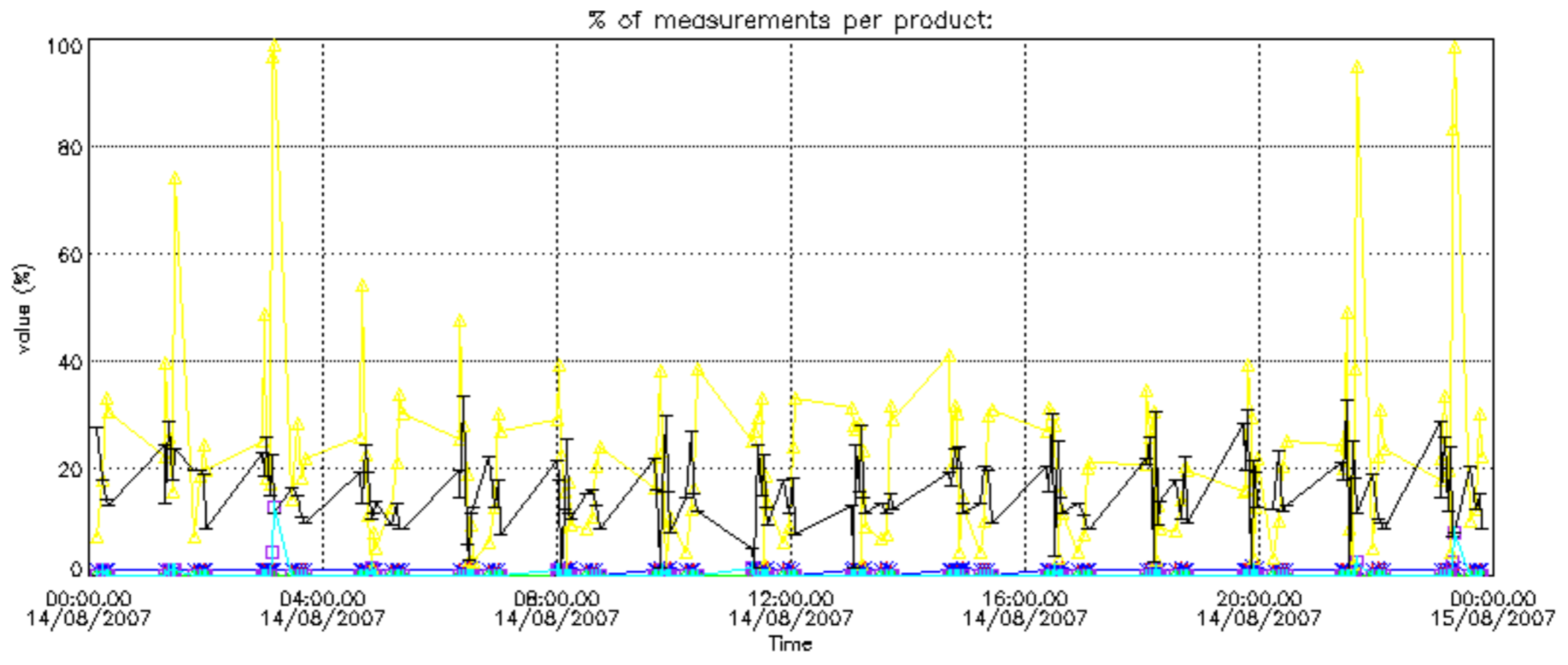
Percentage of flagged data per NO2 profile

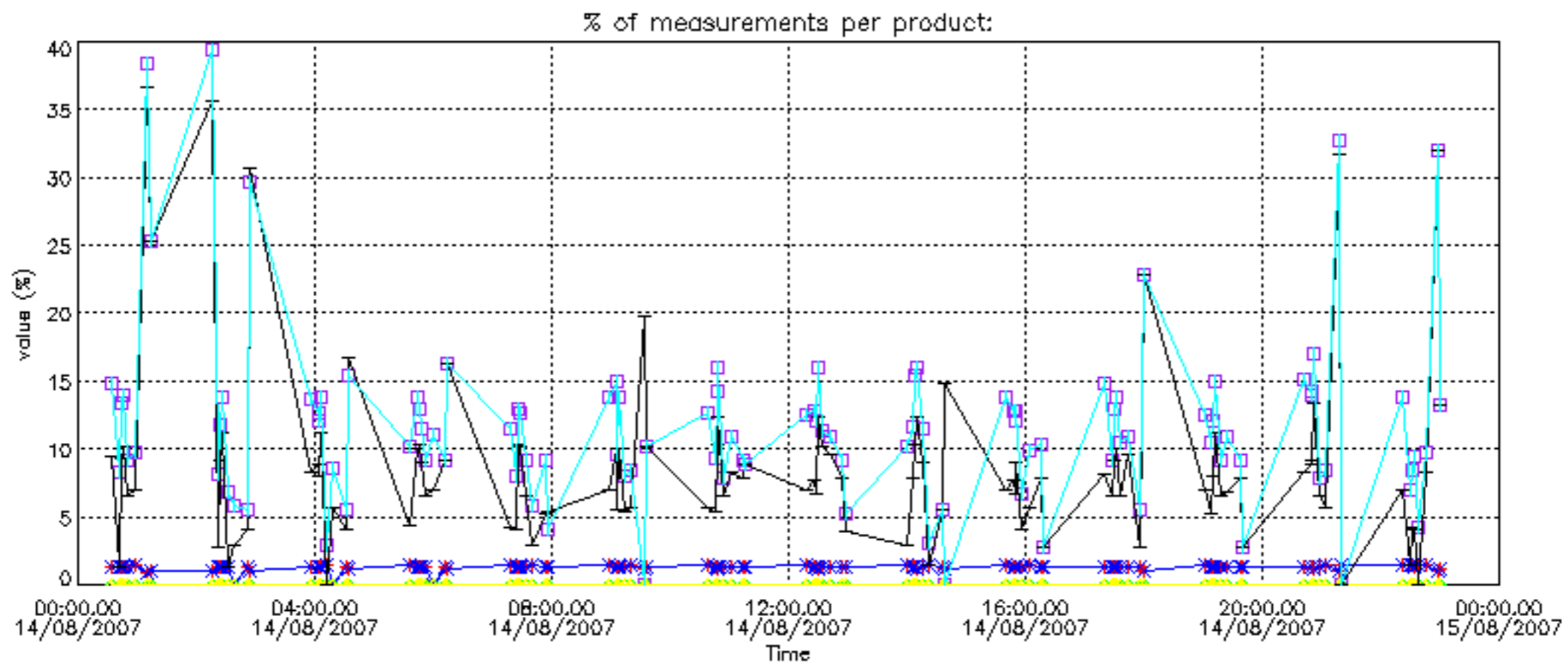
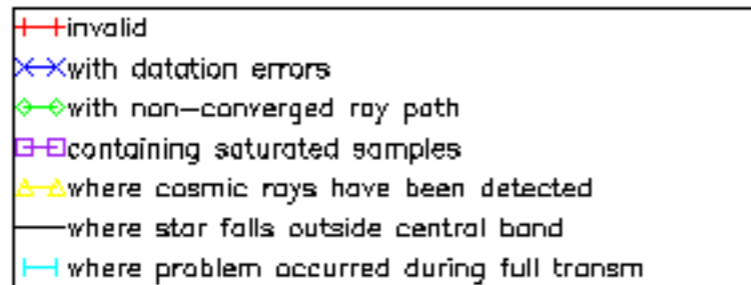


Percentage of flagged data per NO3 profile

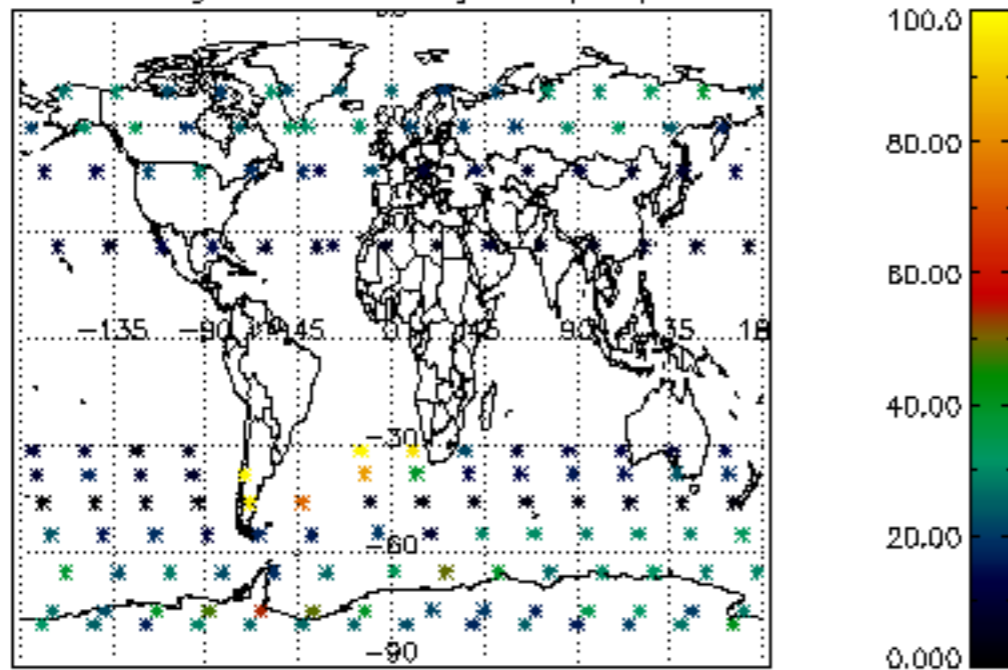




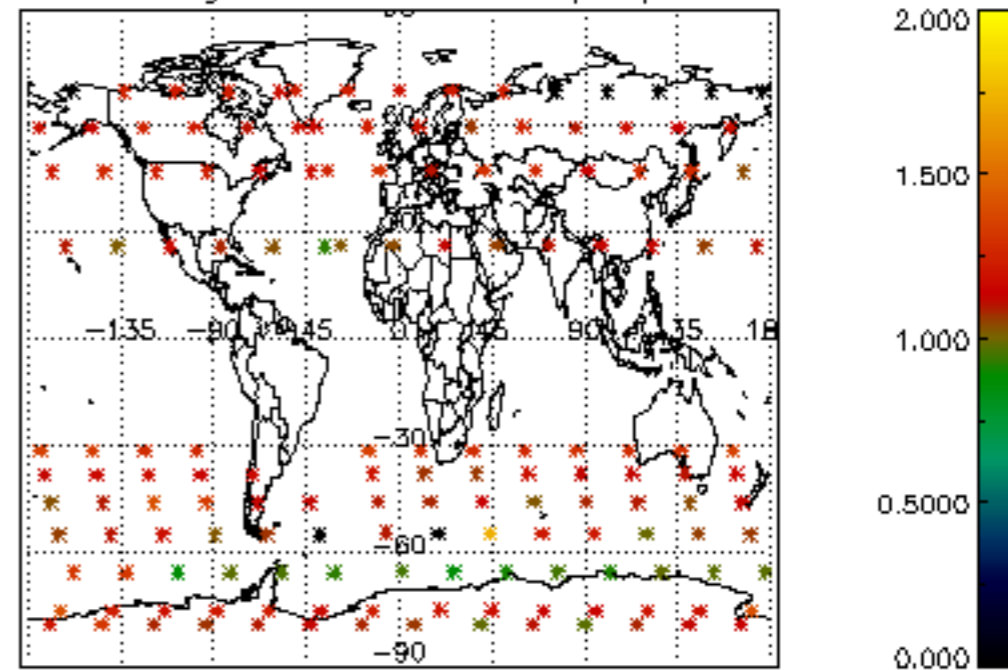




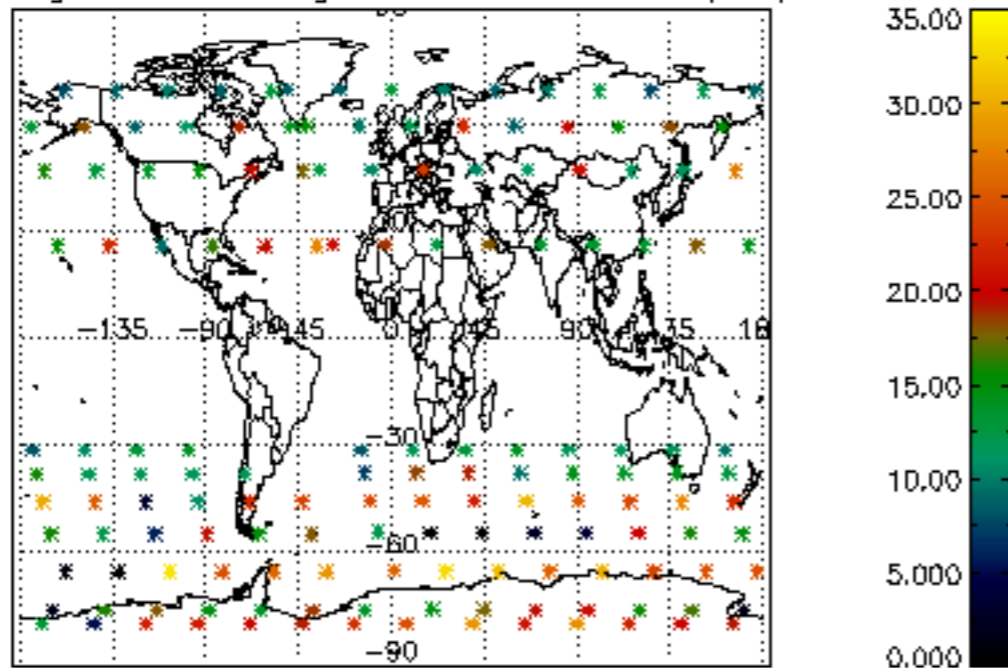
Percentage of cosmic ray hits per profile



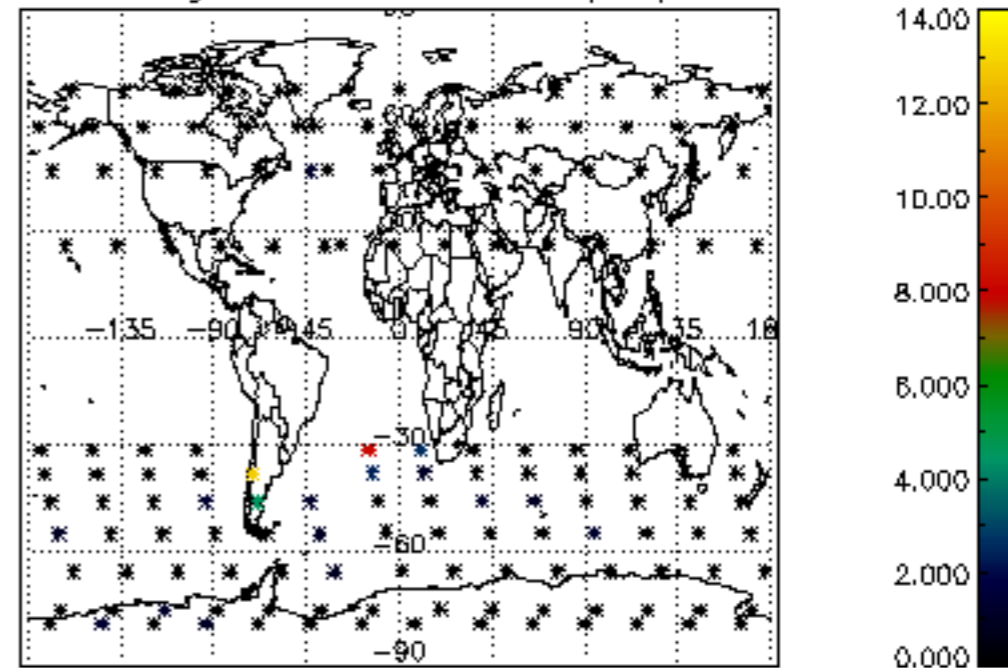
Percentage of datation errors per profile



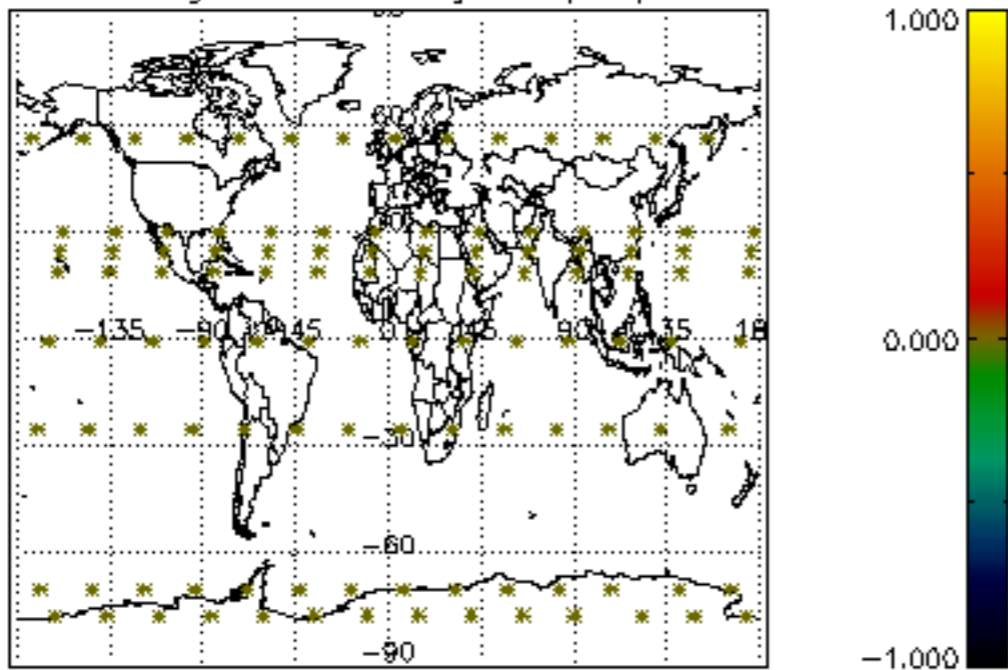
Percentage of star falling outside central band per profile



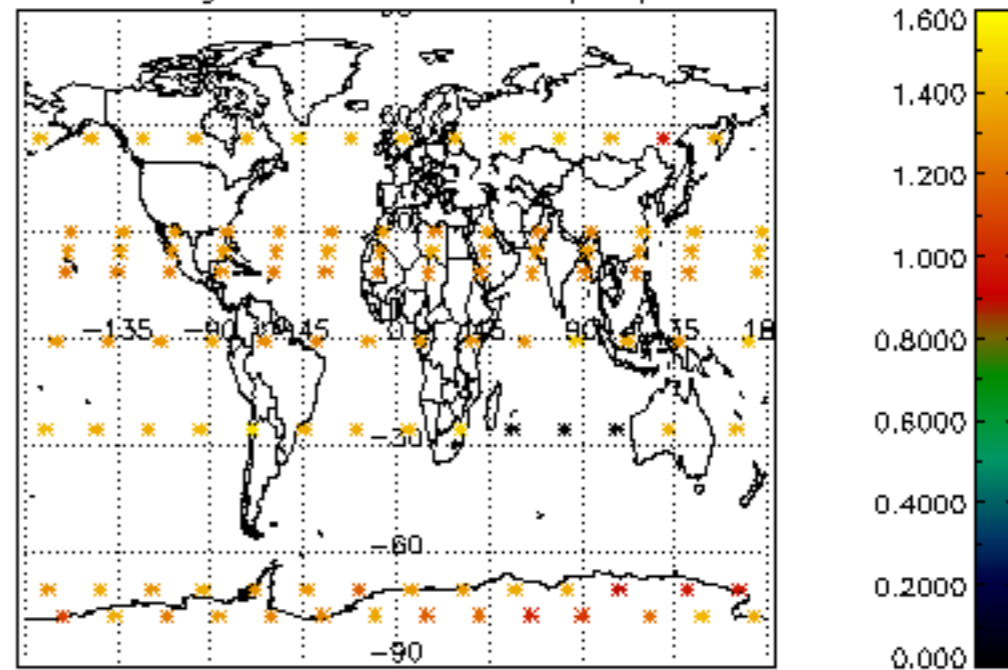
Percentage of saturation errors per profile



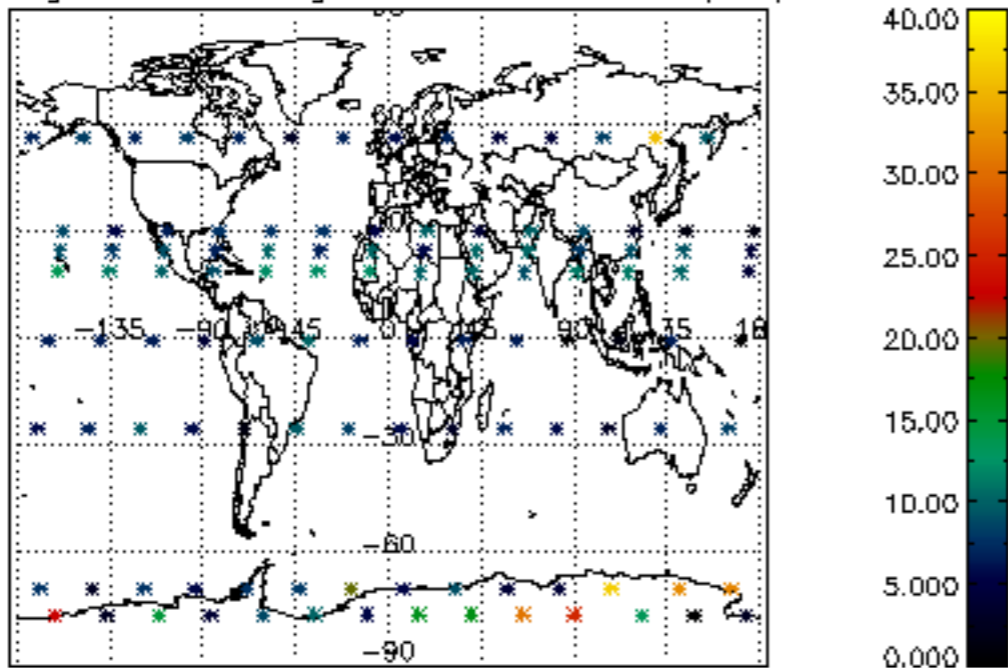
Percentage of cosmic ray hits per profile



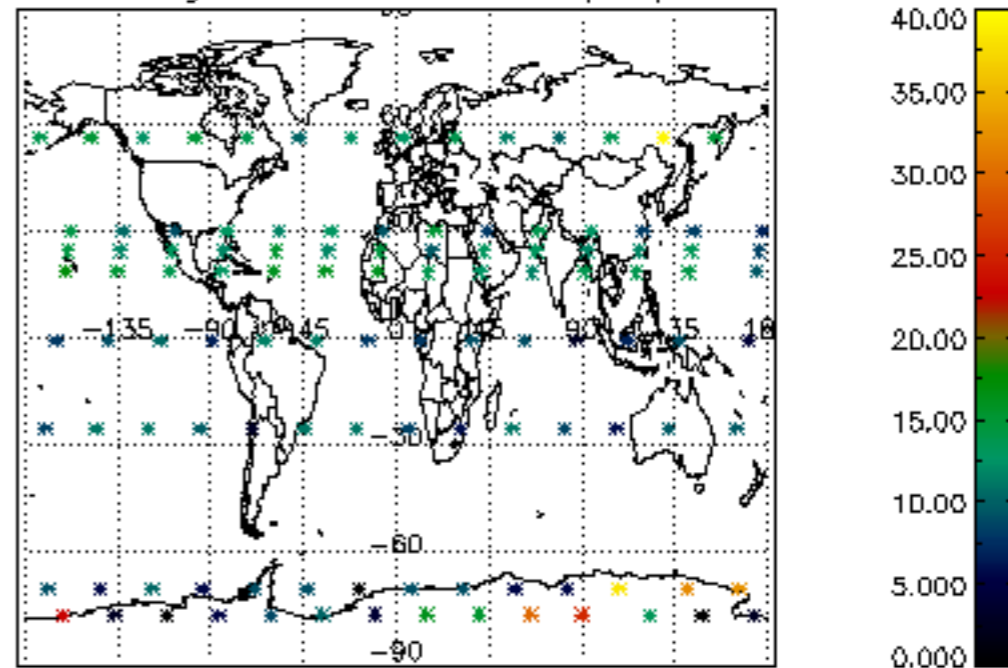
Percentage of datation errors per profile

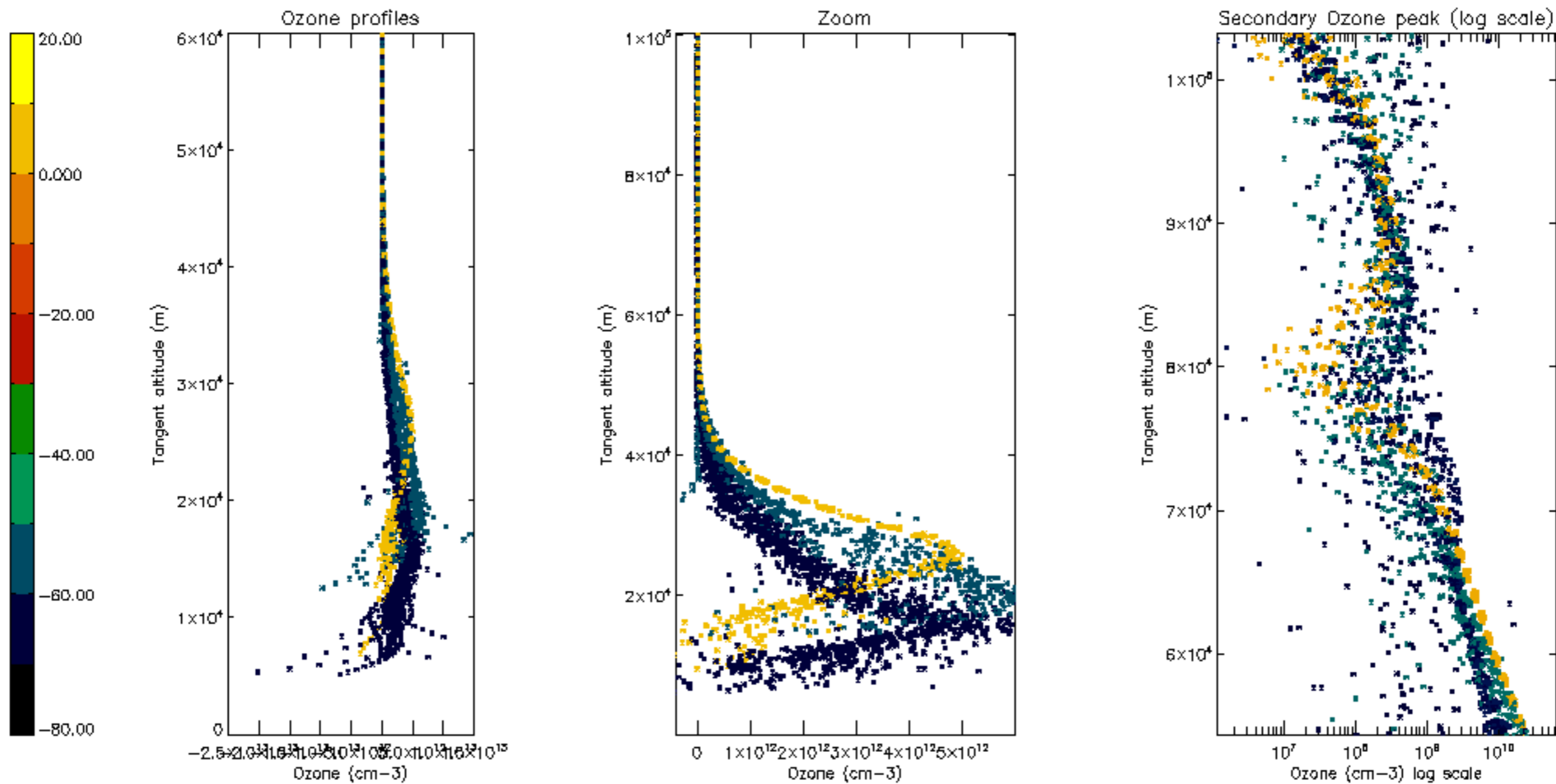


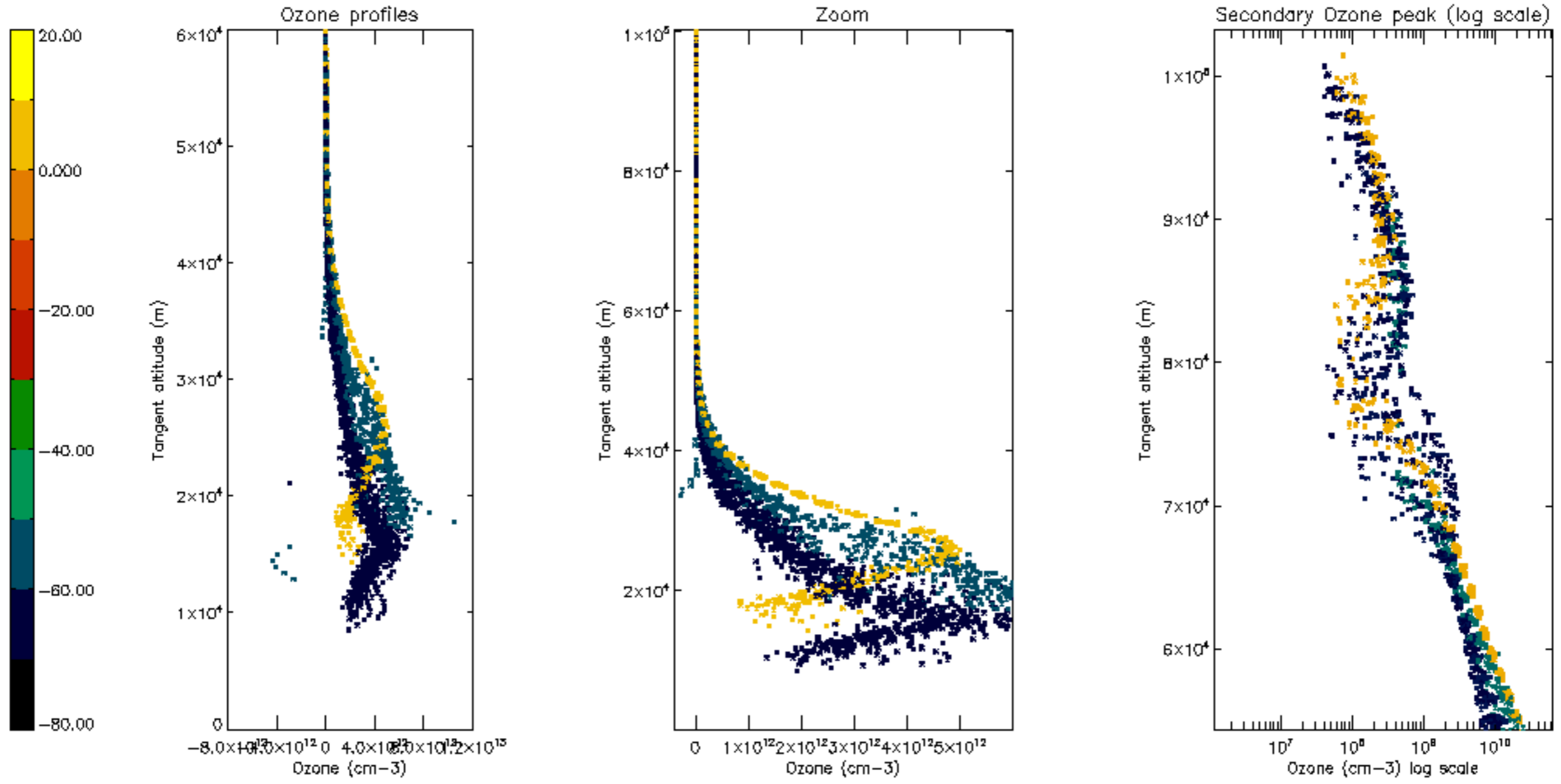
Percentage of star falling outside central band per profile

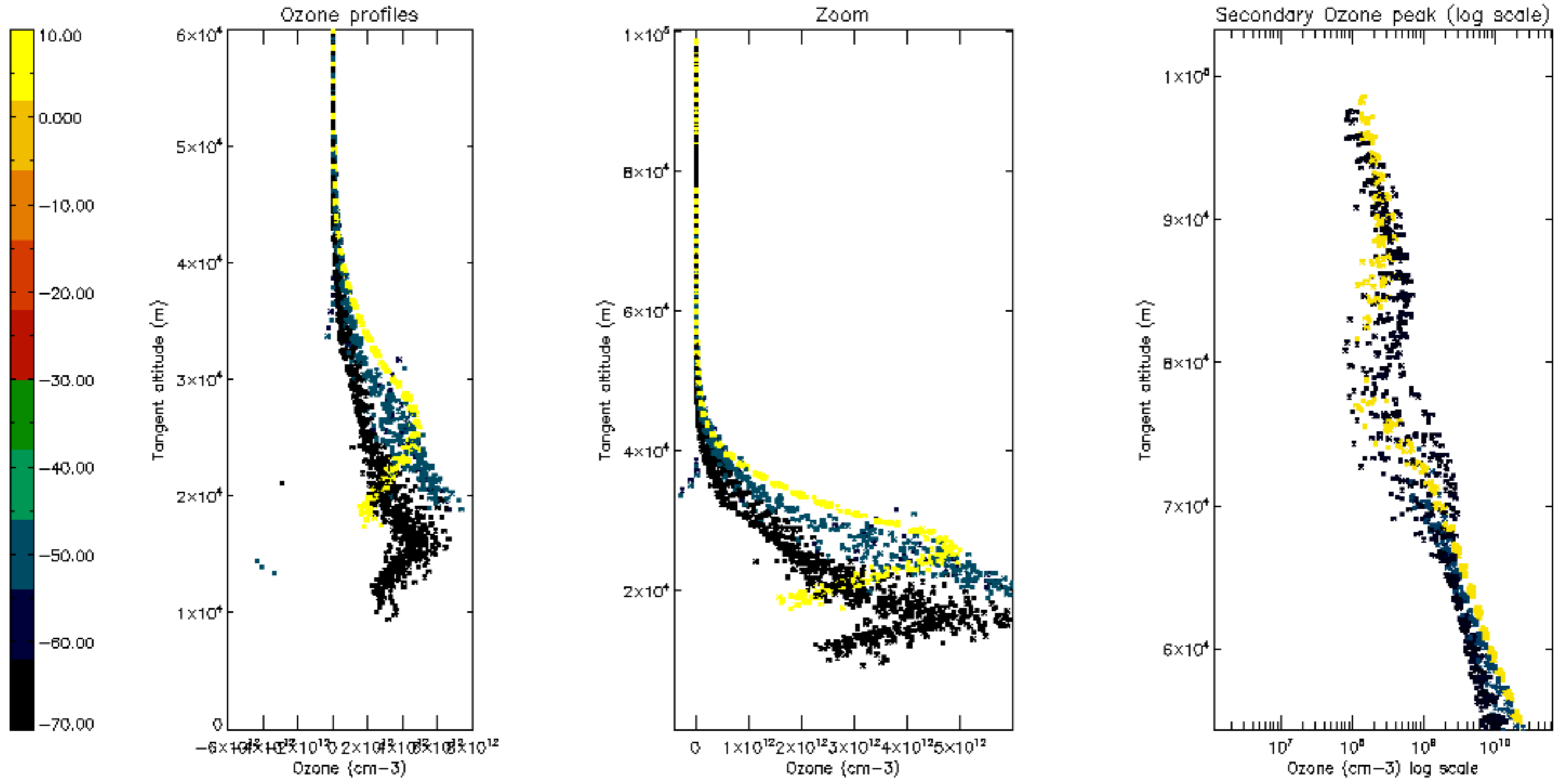


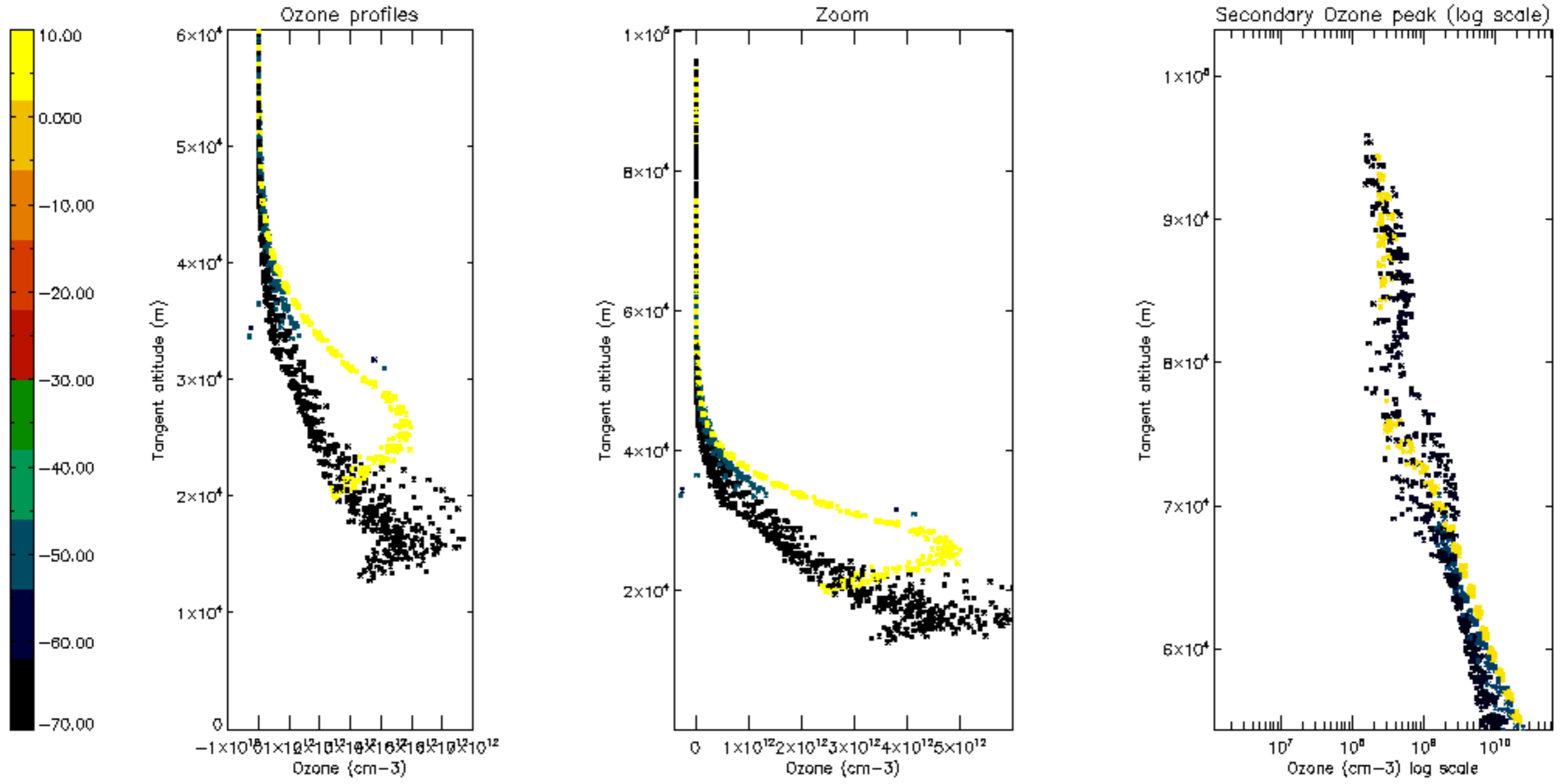
Percentage of saturation errors per profile



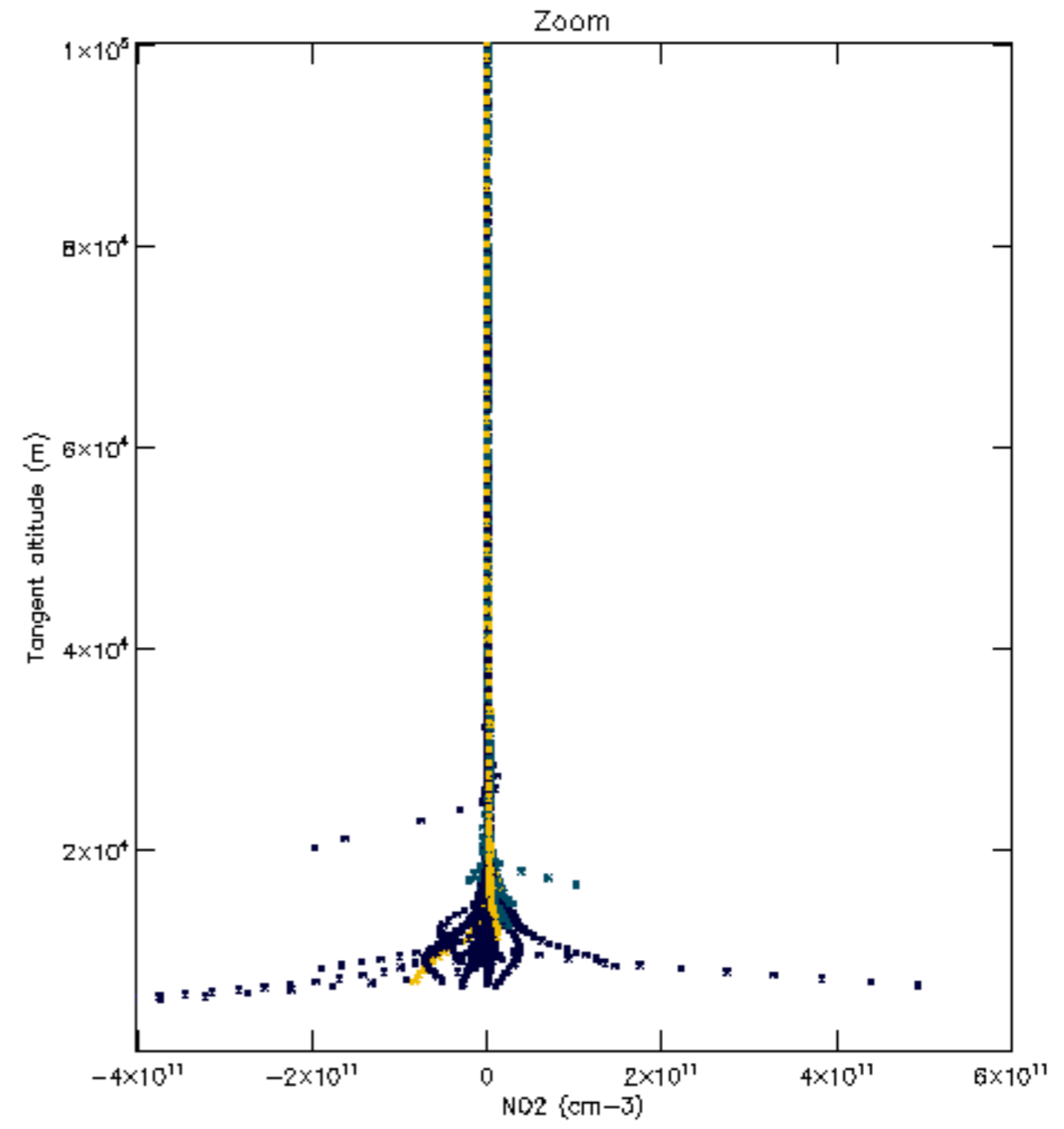
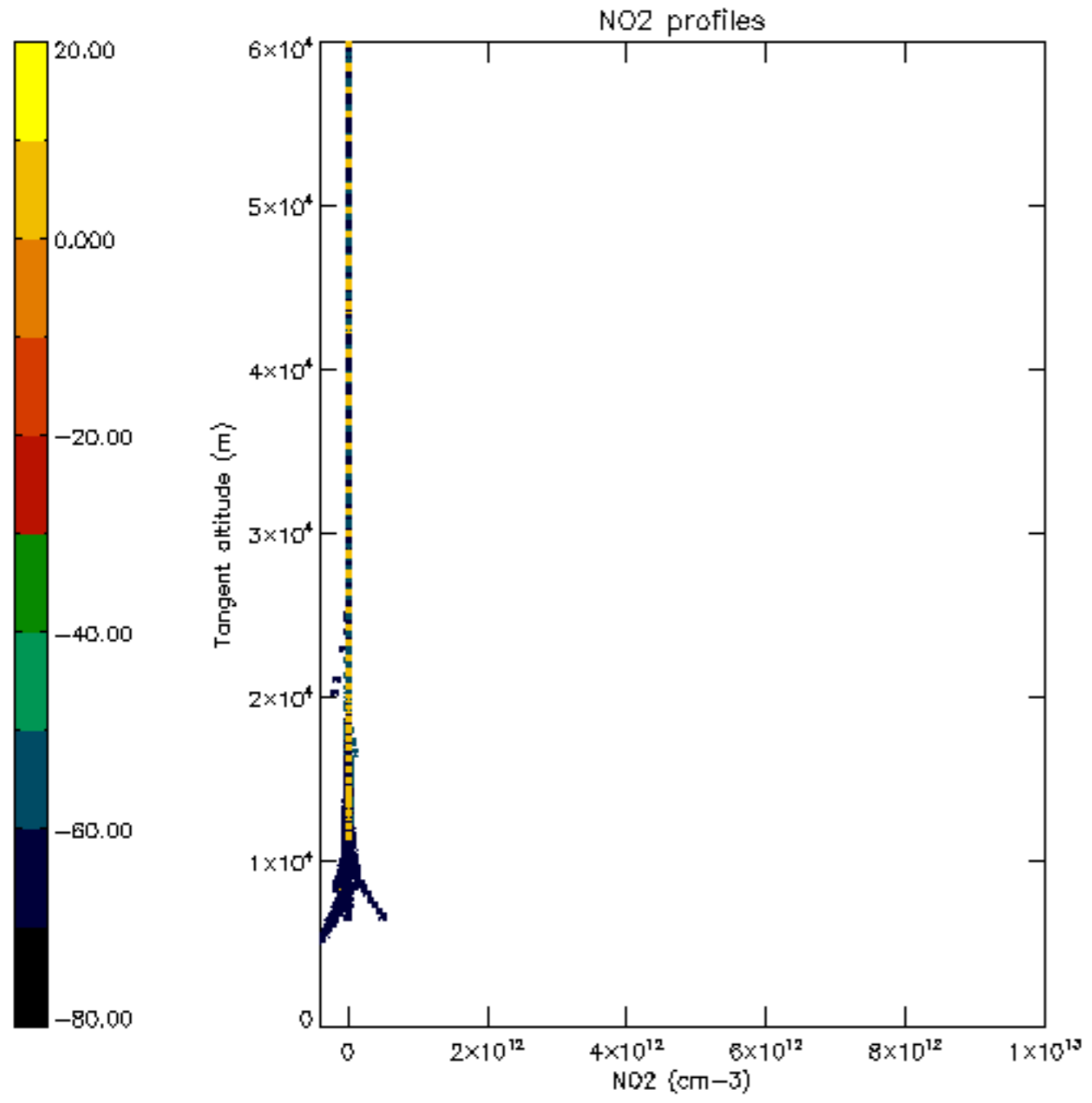


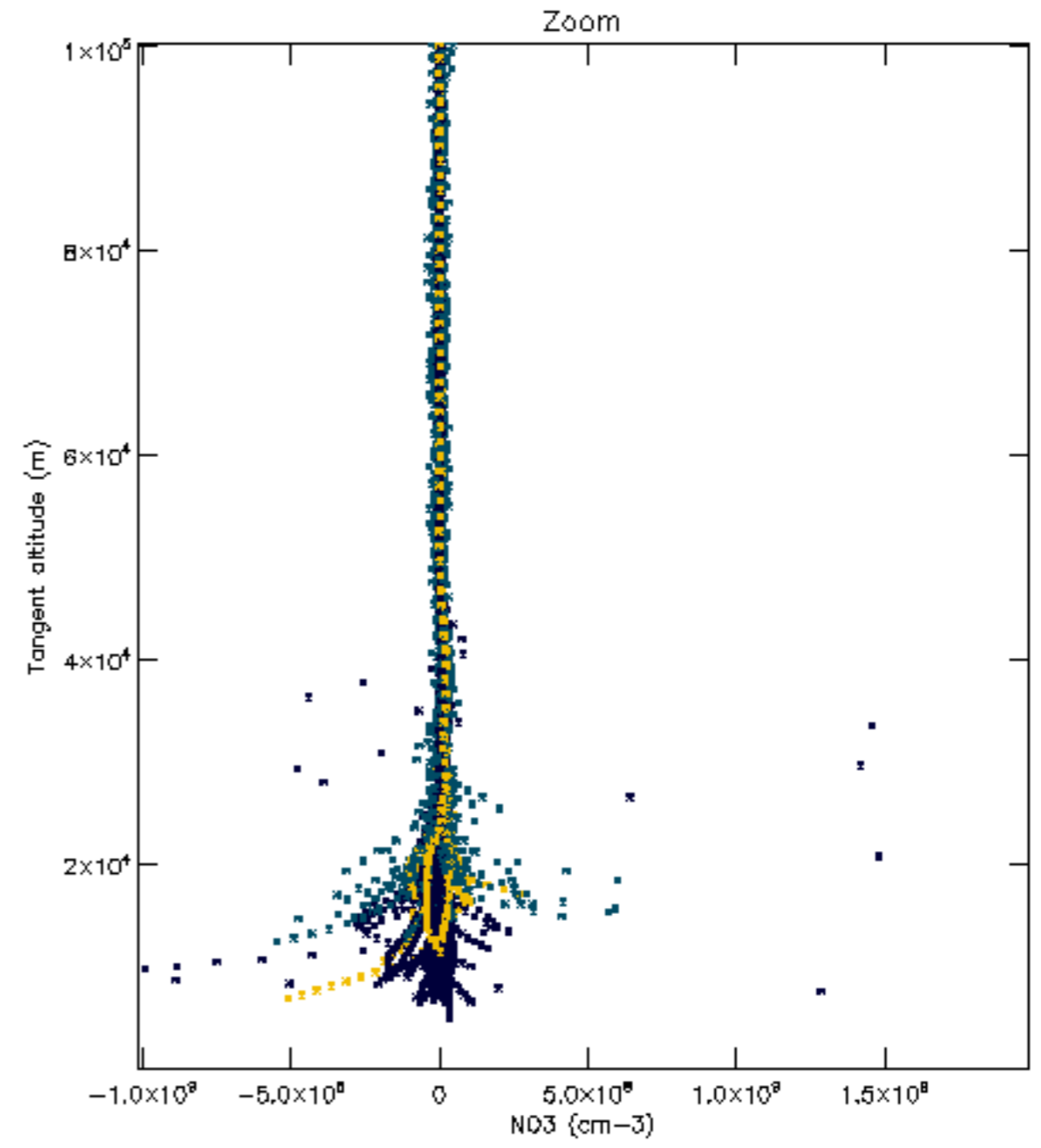
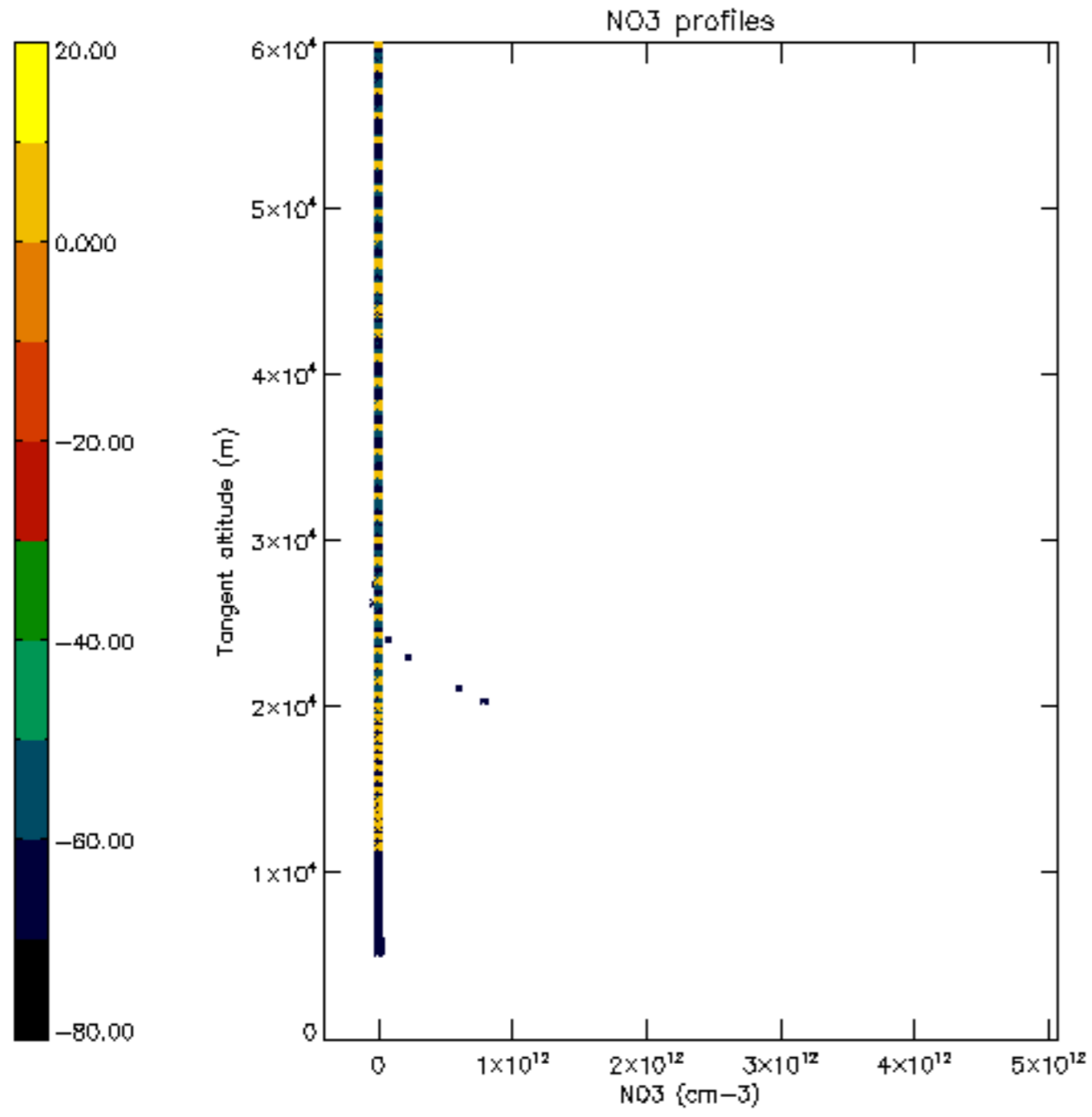


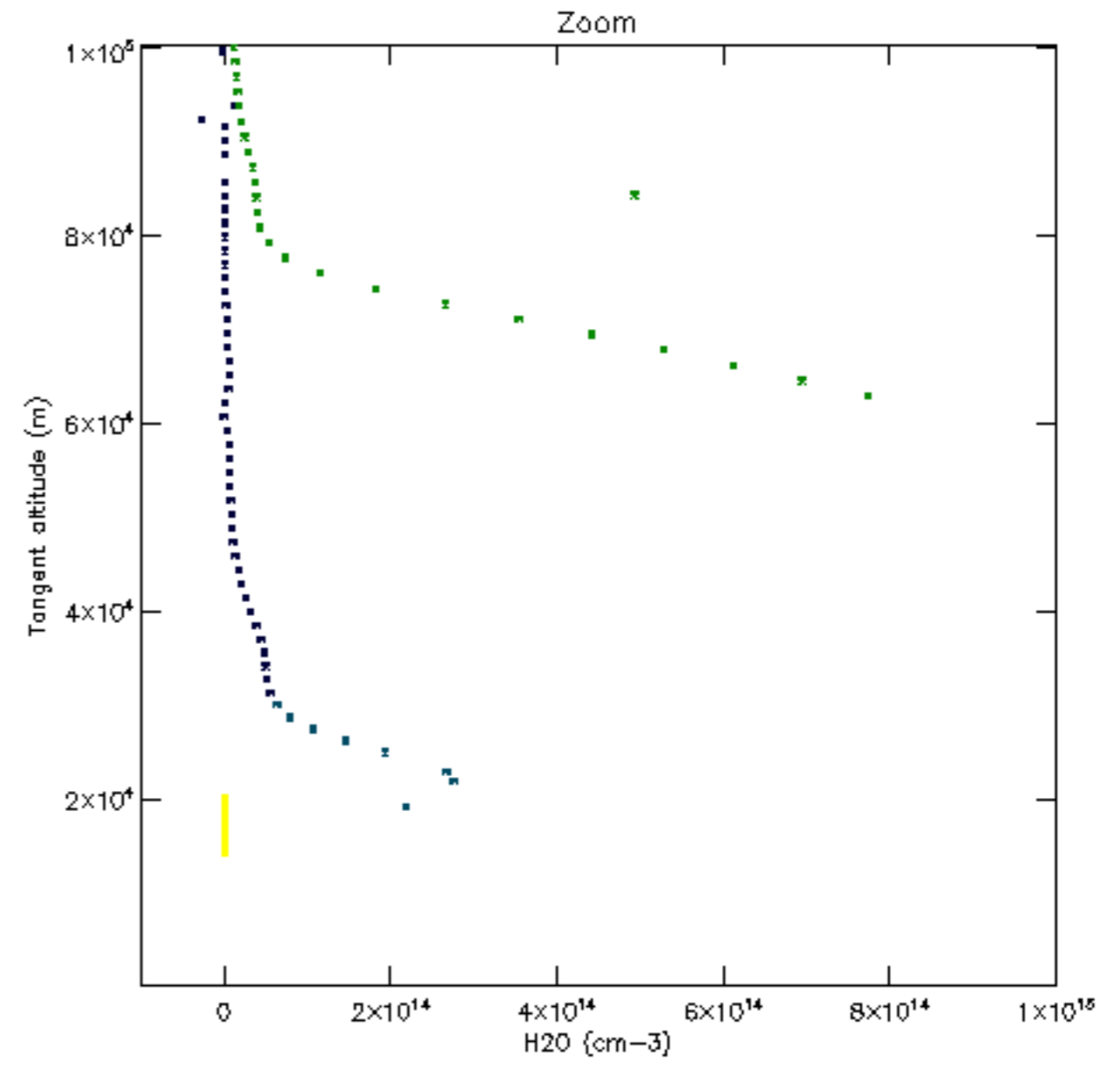
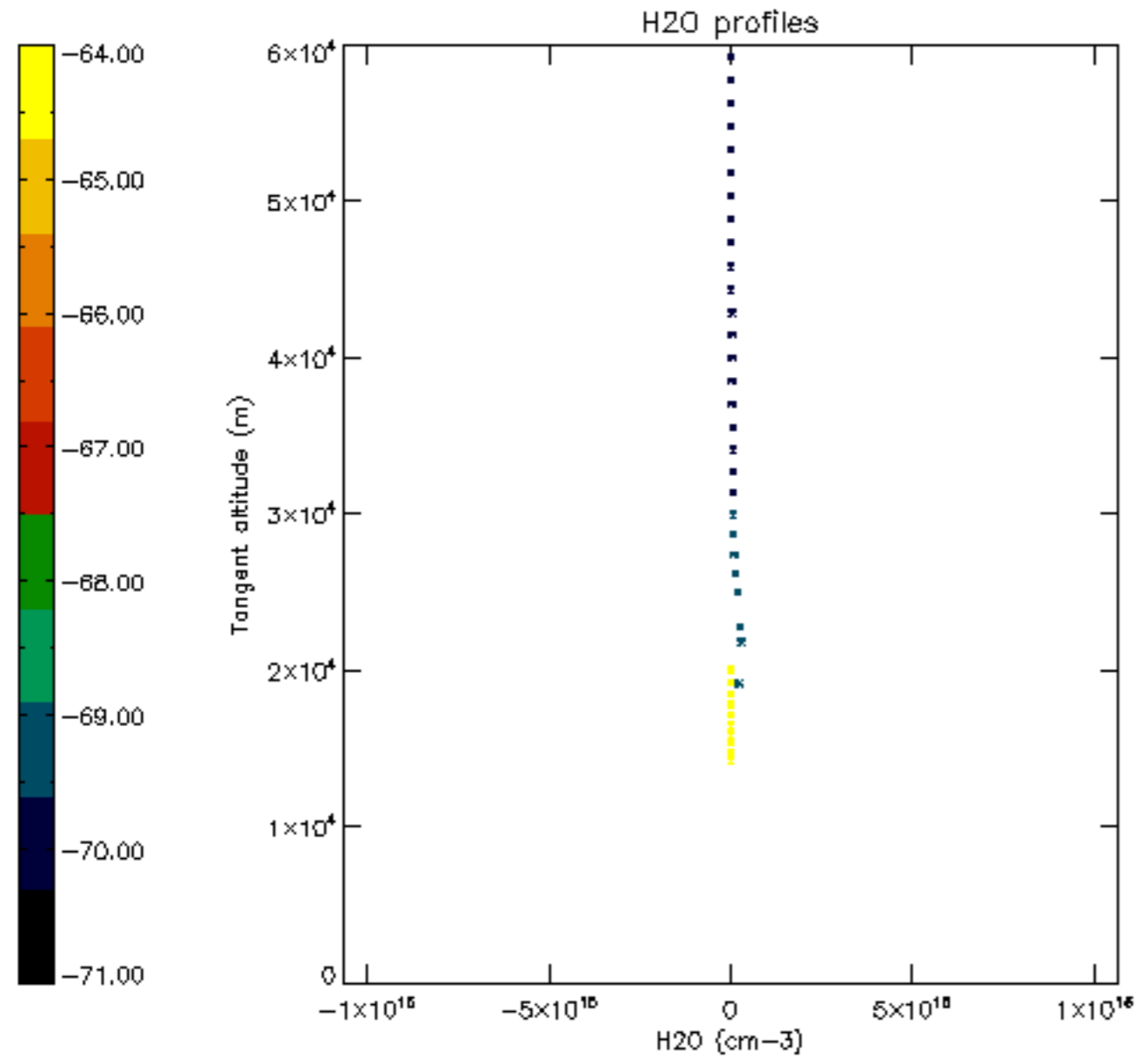


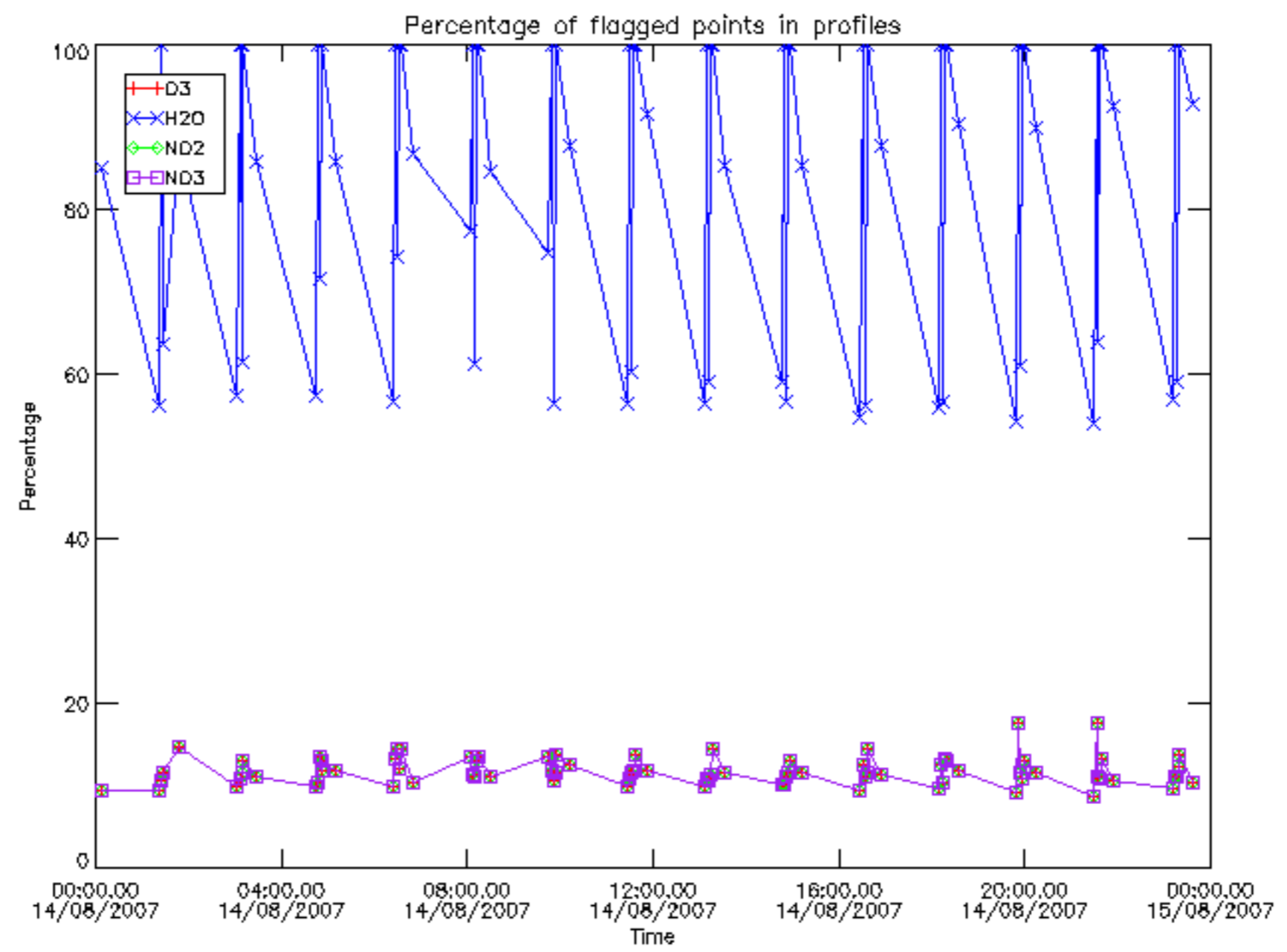




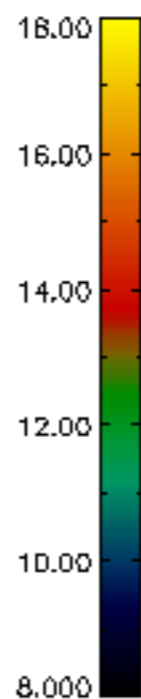
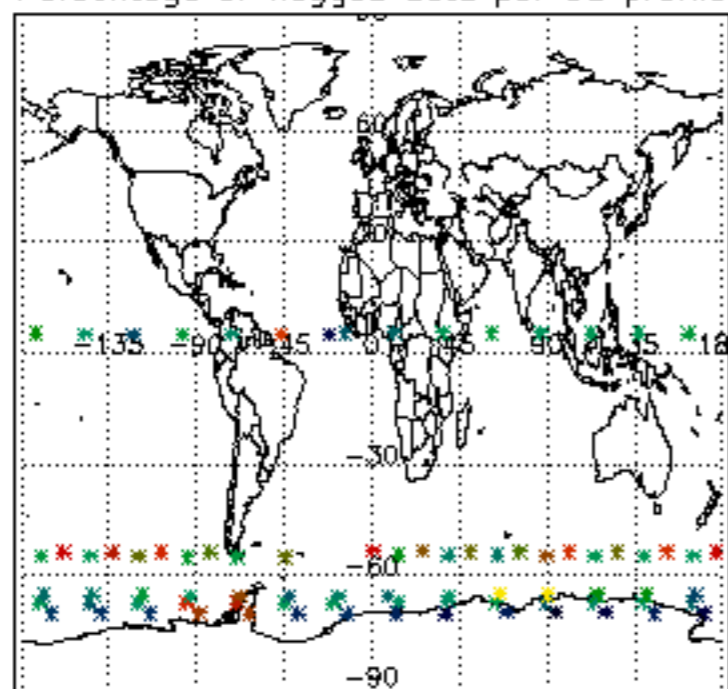




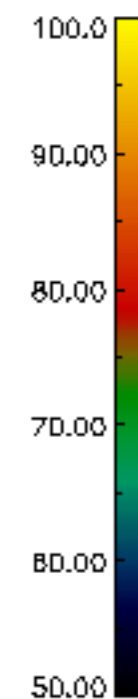
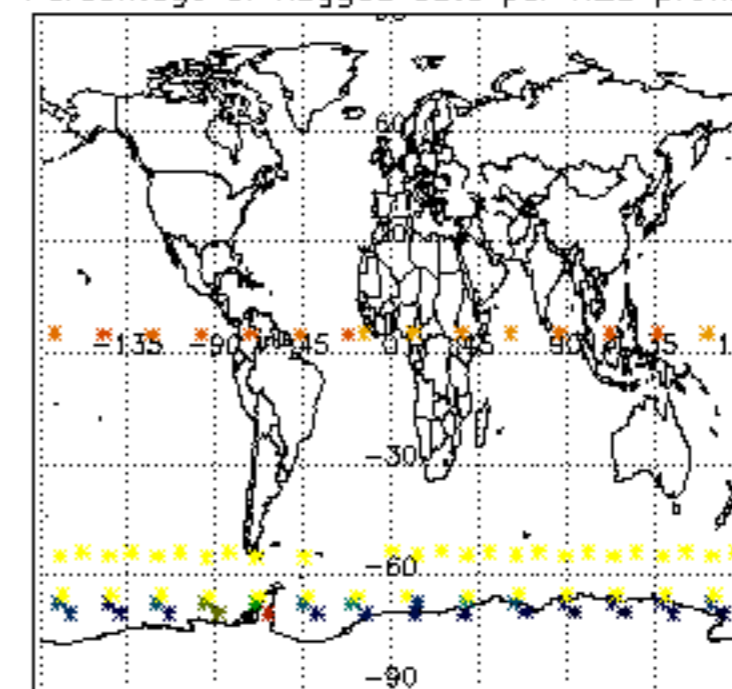




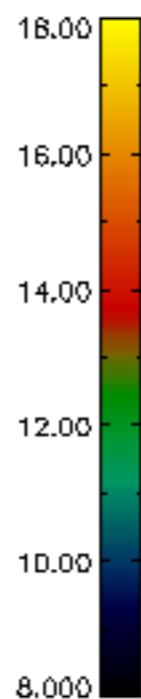
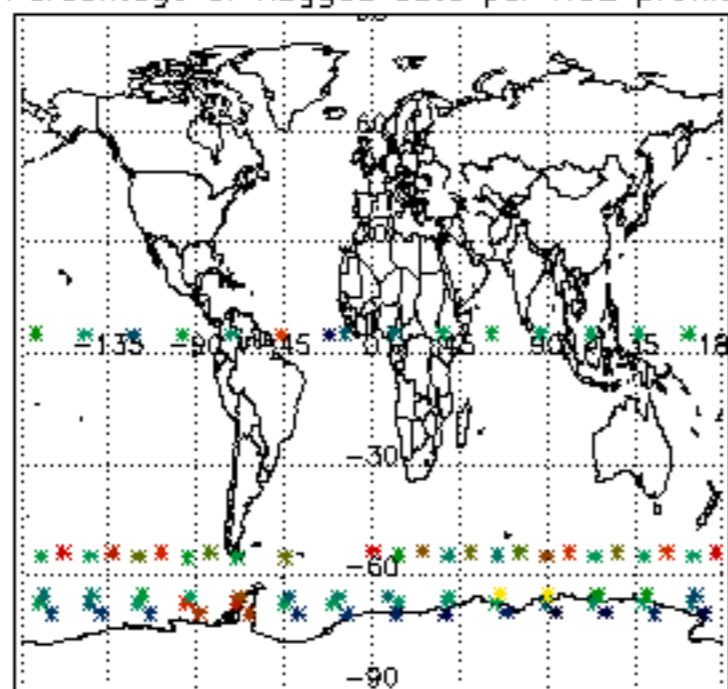
Percentage of flagged data per D3 profile



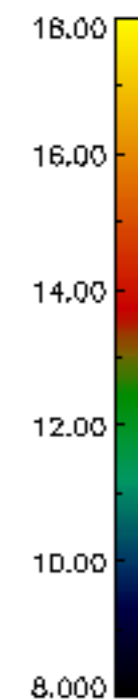
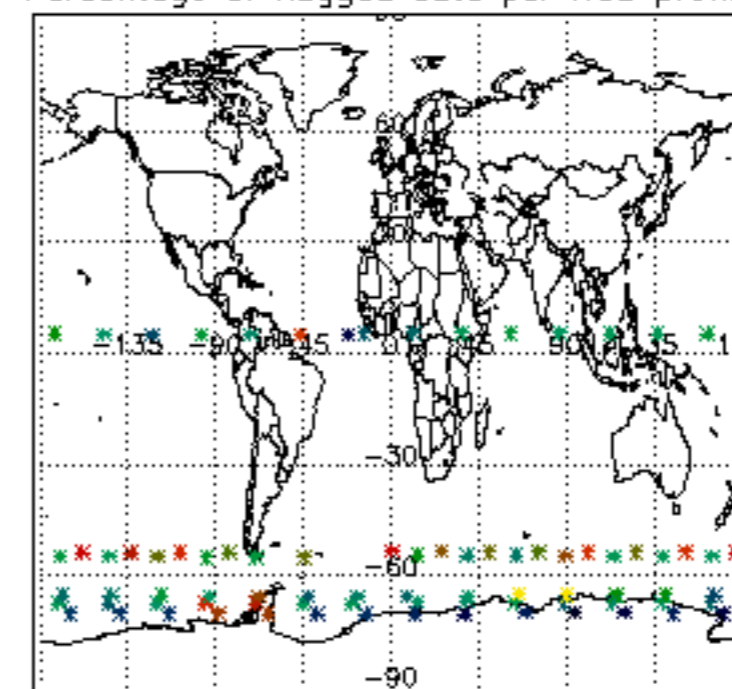
Percentage of flagged data per H2O profile

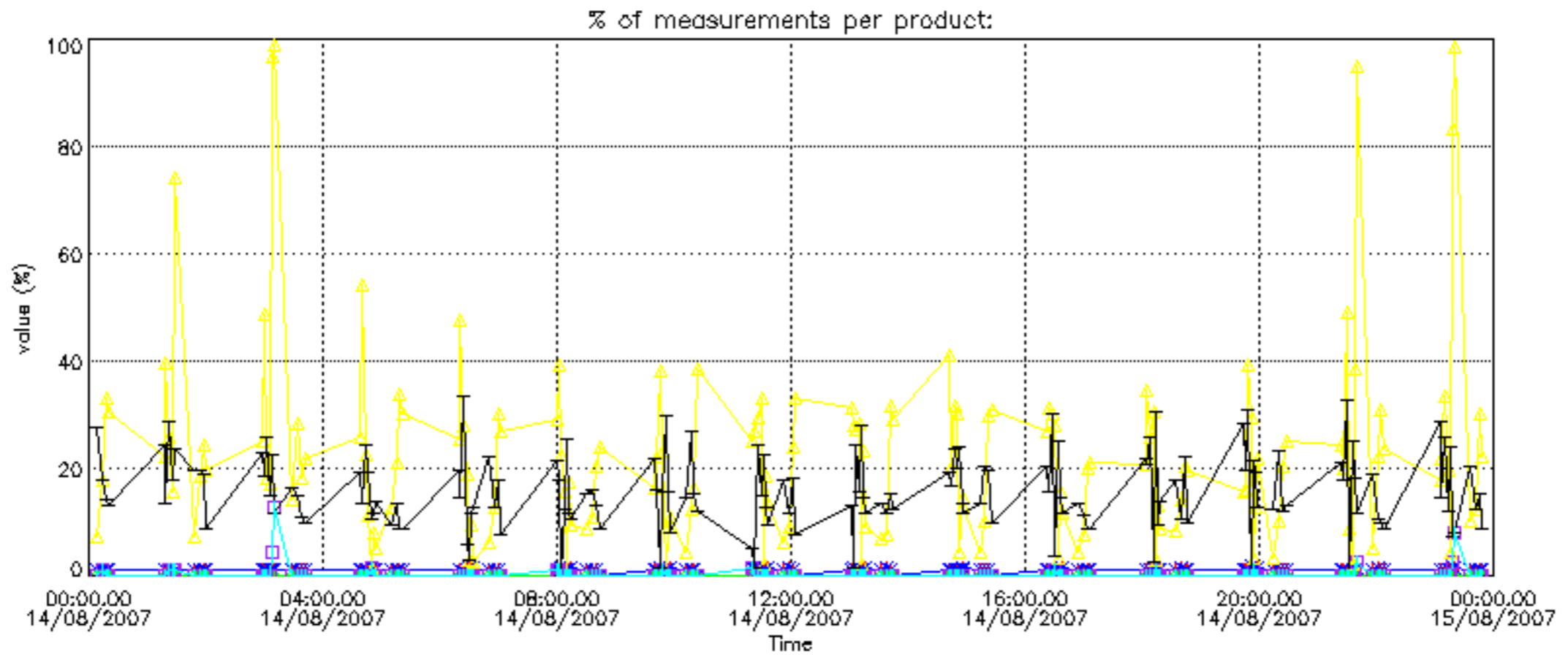


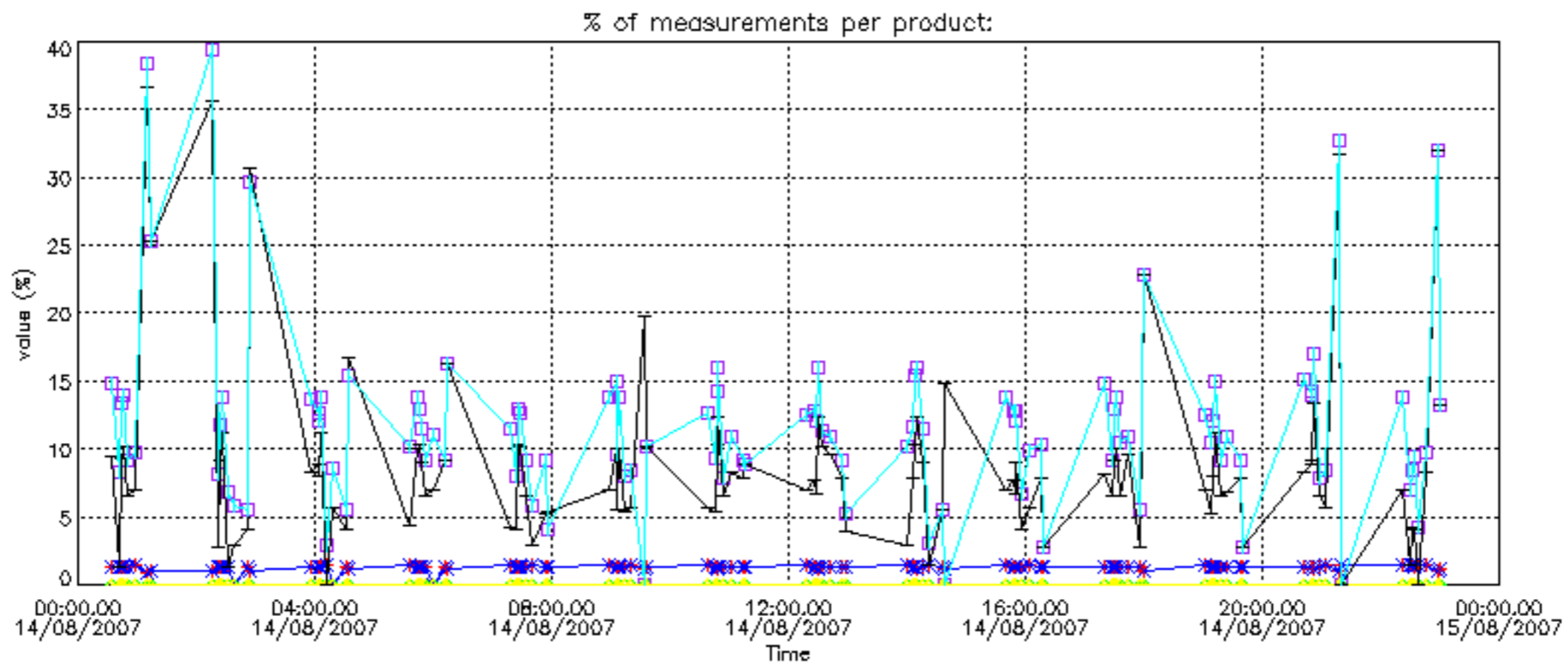
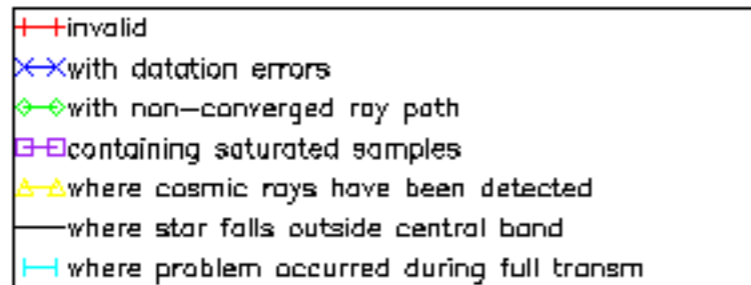
Percentage of flagged data per NO2 profile



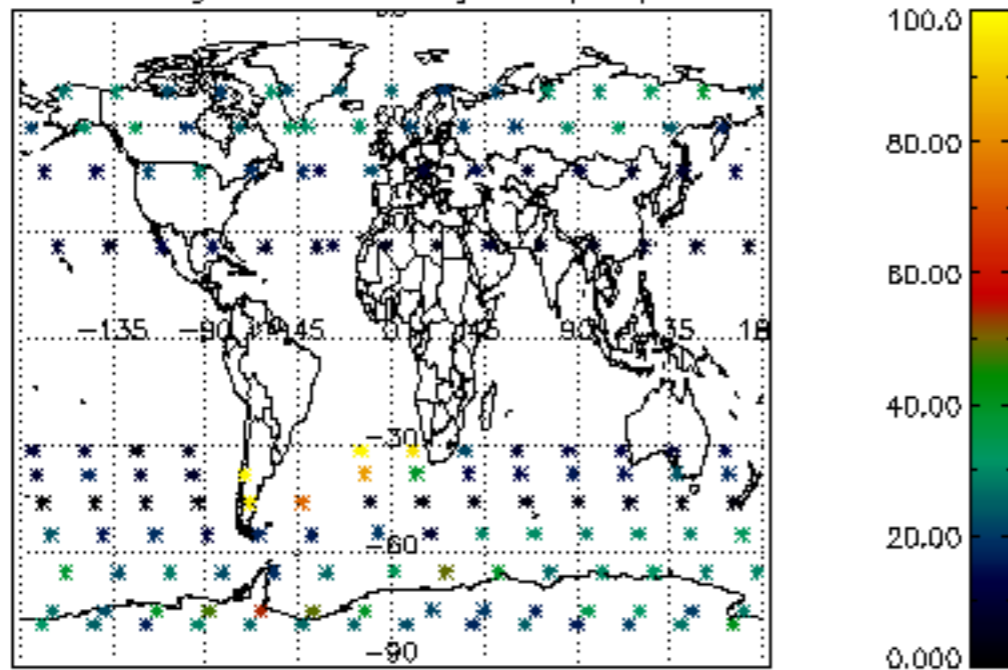
Percentage of flagged data per NO3 profile



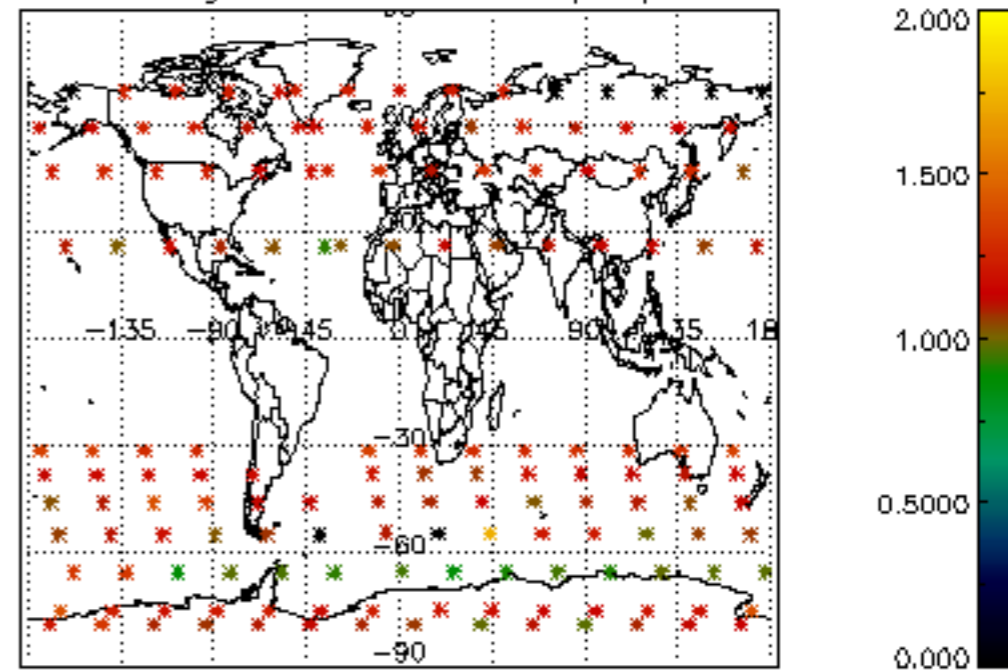




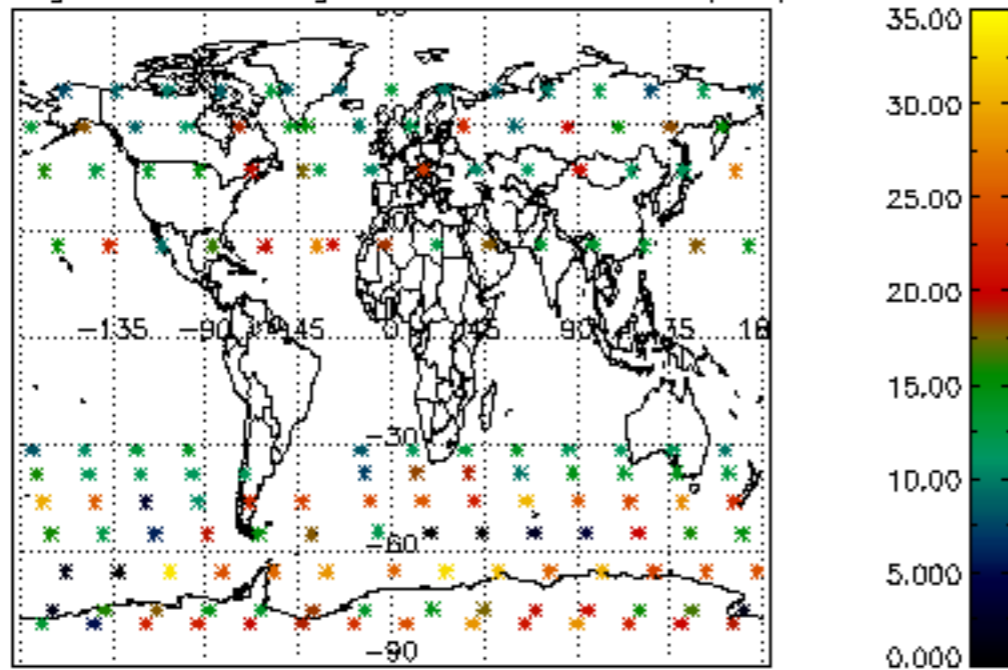
Percentage of cosmic ray hits per profile



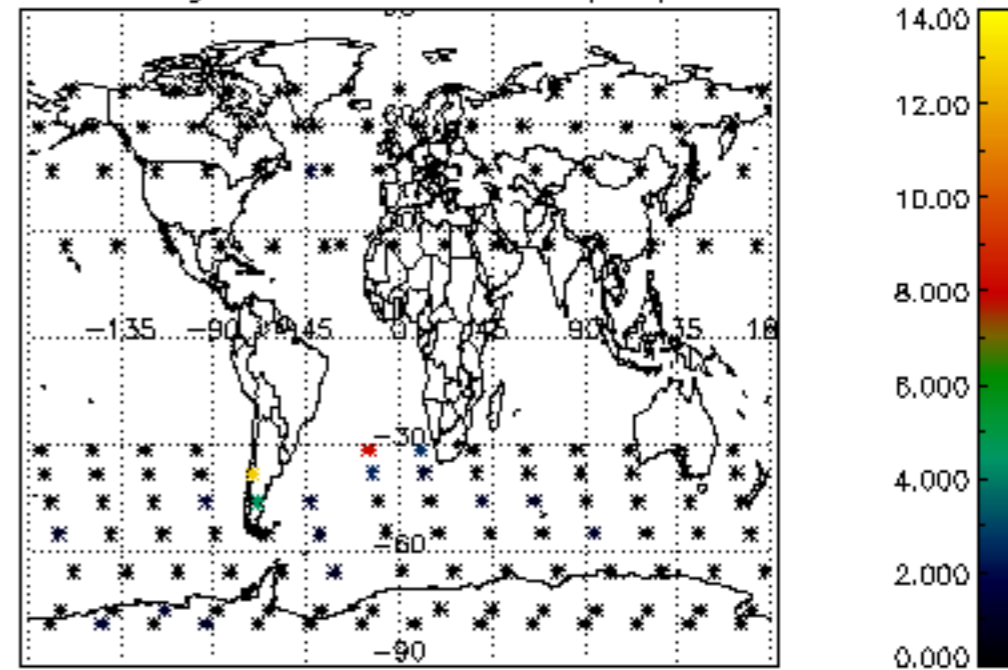
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

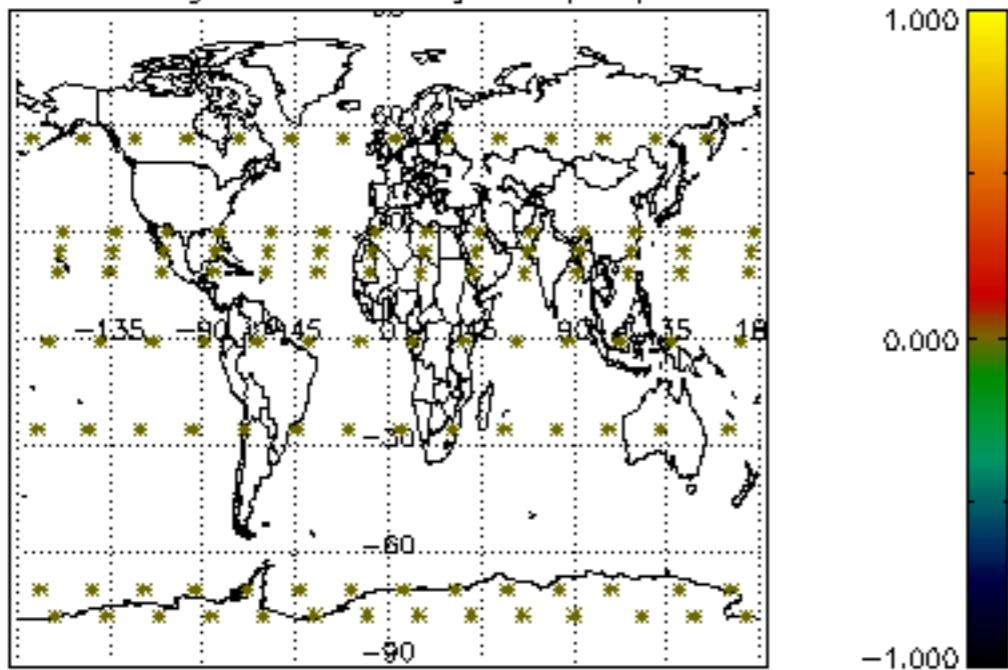


Percentage of saturation errors per profile

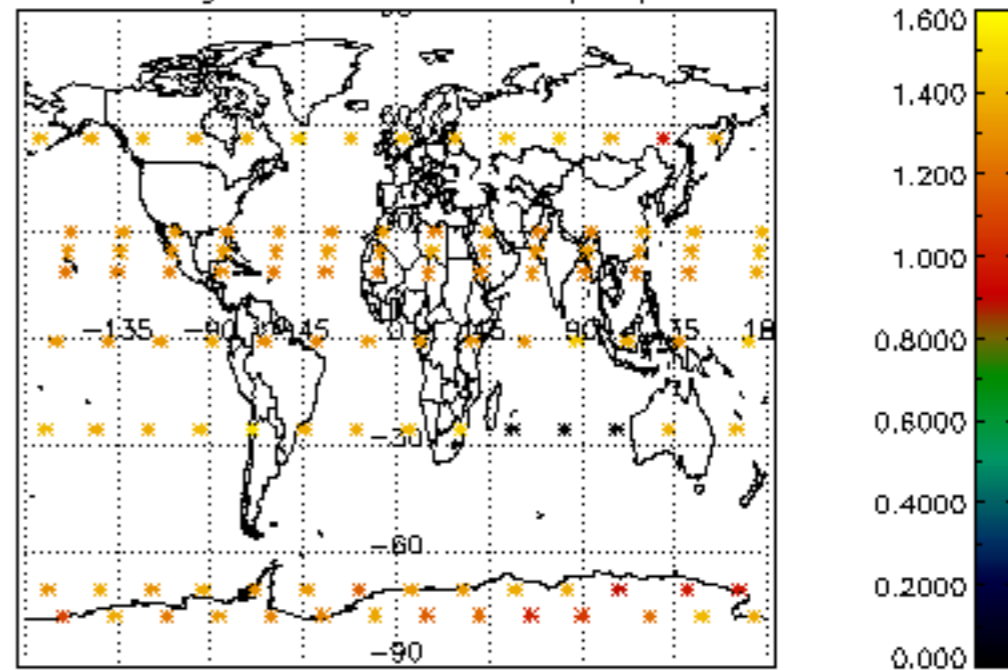




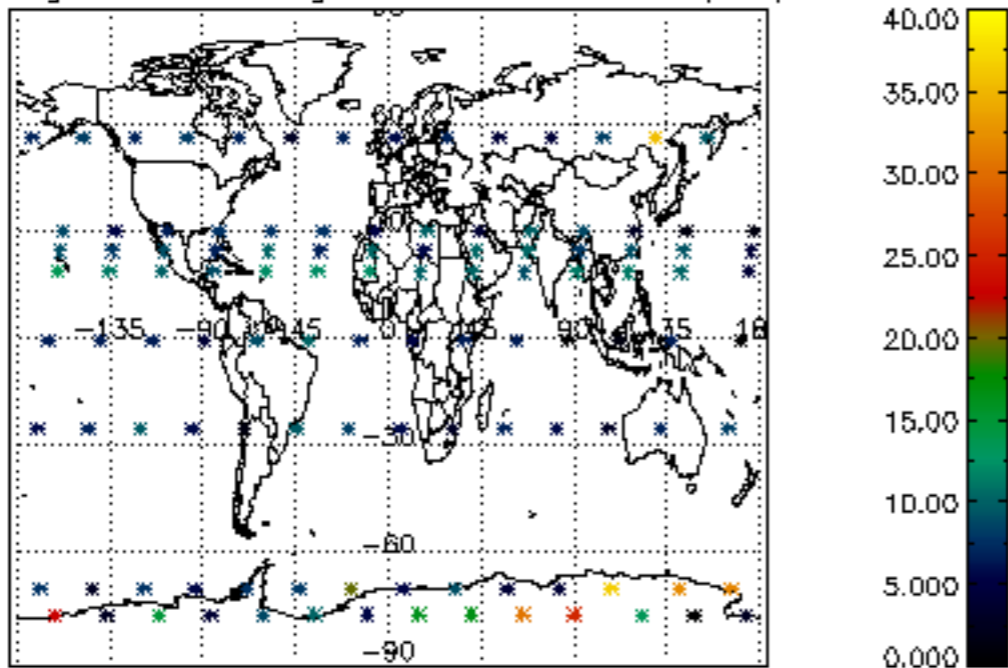
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

