

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	26APR2013 10:28:10
Data source version	GOMOS/6.01
Start time of products	01-07-2009 (01JUL2009 00:00:00)
Stop time of products	02-07-2009 (02JUL2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	199
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__2PRFIN20090701_001028_000000502080_00217_38347_7013.N1	01-JUL-2009 00:10:28	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	38347	No
2	GOM_NL__2PRFIN20090701_001657_000000642080_00217_38347_7014.N1	01-JUL-2009 00:16:57	Straylight	63.500	63	Bet Gru	2.1500	2800.0	127	38347	No
3	GOM_NL__2PRFIN20090701_001853_000000542080_00217_38347_7015.N1	01-JUL-2009 00:18:53	Straylight	54.000	31	Alp Gru	1.7340	15200.	108	38347	No
4	GOM_NL__2PRFIN20090701_003331_000000452080_00217_38347_7016.N1	01-JUL-2009 00:33:31	Bright	44.500	155	41Pi Sgr	2.9000	6600.0	89	38347	No
5	GOM_NL__2PRFIN20090701_004602_000000722080_00217_38347_7017.N1	01-JUL-2009 00:46:02	Bright	72.000	168	17Zet Aql	2.9860	11000.	144	38347	No
6	GOM_NL__2PRFIN20090701_005302_000000412080_00217_38347_7018.N1	01-JUL-2009 00:53:02	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	38347	No
7	GOM_NL__2PRFIN20090701_005733_000000502080_00217_38347_7019.N1	01-JUL-2009 00:57:33	Bright	50.000	144	18Del Cyg	2.8600	11000.	100	38347	No
8	GOM_NL__2PRFIN20090701_010434_000000442080_00217_38347_7020.N1	01-JUL-2009 01:04:34	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	38347	No
9	GOM_NL__2PRFIN20090701_011155_000000422080_00217_38347_7021.N1	01-JUL-2009 01:11:55	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	38347	No
10	GOM_NL__2PRFIN20090701_011337_000000402080_00217_38347_7022.N1	01-JUL-2009 01:13:37	Bright	40.000	68	18Alp Cas	2.2250	4500.0	80	38347	No
11	GOM_NL__2PRFIN20090701_011957_000000362080_00217_38347_7023.N1	01-JUL-2009 01:19:57	Bright	36.000	73	57Gam1And	2.2600	13100.	72	38347	No
12	GOM_NL__2PRFIN20090701_012235_000000362080_00217_38347_7024.N1	01-JUL-2009 01:22:35	Tw_i_and_stray	36.000	173	4Bet Tri	3.0040	8900.0	72	38347	No
13	GOM_NL__2PRFIN20090701_012650_000000392080_00217_38347_7025.N1	01-JUL-2009 01:26:50	Dark	38.500	50	13Alp Ari	2.0070	4250.0	77	38347	No
14	GOM_NL__2PRFIN20090701_015105_000000482080_00218_38348_7028.N1	01-JUL-2009 01:51:05	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	38348	No
15	GOM_NL__2PRFIN20090701_015734_000000512080_00218_38348_7029.N1	01-JUL-2009 01:57:34	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	38348	No
16	GOM_NL__2PRFIN20090701_015930_000000522080_00218_38348_7030.N1	01-JUL-2009 01:59:30	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	38348	No
17	GOM_NL__2PRFIN20090701_020224_000000572080_00218_38348_7031.N1	01-JUL-2009 02:02:24	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	38348	No
18	GOM_NL__2PRFIN20090701_021407_000000442080_00218_38348_7032.N1	01-JUL-2009 02:14:07	Bright	43.500	155	41Pi Sgr	2.9000	6600.0	87	38348	No
19	GOM_NL__2PRFIN20090701_022637_000000462080_00218_38348_7033.N1	01-JUL-2009 02:26:37	Bright	45.500	168	17Zet Aql	2.9860	11000.	91	38348	No
20	GOM_NL__2PRFIN20090701_023337_000000482080_00218_38348_7034.N1	01-JUL-2009 02:33:37	Bright	47.500	5	3Alp Lyr	0.033000	11000.	95	38348	No
21	GOM_NL__2PRFIN20090701_023808_000000452080_00218_38348_7035.N1	01-JUL-2009 02:38:08	Bright	45.000	144	18Del Cyg	2.8600	11000.	90	38348	No
22	GOM_NL__2PRFIN20090701_024509_000000402080_00218_38348_7036.N1	01-JUL-2009 02:45:09	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38348	No
23	GOM_NL__2PRFIN20090701_025231_000000392080_00218_38348_7037.N1	01-JUL-2009 02:52:31	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	38348	No
24	GOM_NL__2PRFIN20090701_025403_000000342080_00218_38348_7038.N1	01-JUL-2009 02:54:03	Bright	34.000	110	37Del Cas	2.6780	8900.0	68	38348	No
25	GOM_NL__2PRFIN20090701_030033_000000352080_00218_38348_7039.N1	01-JUL-2009 03:00:33	Bright	34.500	73	57Gam1And	2.2600	13100.	69	38348	No
26	GOM_NL__2PRFIN20090701_030311_000000352080_00218_38348_7040.N1	01-JUL-2009 03:03:11	Tw_i_and_stray	35.000	173	4Bet Tri	3.0040	8900.0	70	38348	No
27	GOM_NL__2PRFIN20090701_030726_000000402080_00218_38348_7041.N1	01-JUL-2009 03:07:26	Dark	39.500	50	13Alp Ari	2.0070	4250.0	79	38348	No
28	GOM_NL__2PRFIN20090701_033142_000000482080_00219_38349_7042.N1	01-JUL-2009 03:31:42	Dark	47.500	84	Alp Phe	2.3970	4500.0	95	38349	No
29	GOM_NL__2PRFIN20090701_033811_000000532080_00219_38349_7043.N1	01-JUL-2009 03:38:11	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	38349	No
30	GOM_NL__2PRFIN20090701_034007_000000512080_00219_38349_7044.N1	01-JUL-2009 03:40:07	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	38349	No
31	GOM_NL__2PRFIN20090701_034301_000000562080_00219_38349_7045.N1	01-JUL-2009 03:43:01	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	38349	No
32	GOM_NL__2PRFIN20090701_035443_000000442080_00219_38349_7046.N1	01-JUL-2009 03:54:43	Bright	44.000	155	41Pi Sgr	2.9000	6600.0	88	38349	No
33	GOM_NL__2PRFIN20090701_040713_000000512080_00219_38349_7047.N1	01-JUL-2009 04:07:13	Bright	51.000	168	17Zet Aql	2.9860	11000.	102	38349	No
34	GOM_NL__2PRFIN20090701_041413_000000402080_00219_38349_7048.N1	01-JUL-2009 04:14:13	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	38349	No
35	GOM_NL__2PRFIN20090701_041843_000000492080_00219_38349_7049.N1	01-JUL-2009 04:18:43	Bright	48.500	144	18Del Cyg	2.8600	11000.	97	38349	No
36	GOM_NL__2PRFIN20090701_042544_000000442080_00219_38349_7050.N1	01-JUL-2009 04:25:44	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38349	No
37	GOM_NL__2PRFIN20090701_043306_000000412080_00219_38349_7051.N1	01-JUL-2009 04:33:06	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	38349	No
38	GOM_NL__2PRFIN20090701_043439_000000362080_00219_38349_7052.N1	01-JUL-2009 04:34:39	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	38349	No
39	GOM_NL__2PRFIN20090701_044109_000000372080_00219_38349_7053.N1	01-JUL-2009 04:41:09	Bright	36.500	73	57Gam1And	2.2600	13100.	73	38349	No
40	GOM_NL__2PRFIN20090701_044347_000000372080_00219_38349_7054.N1	01-JUL-2009 04:43:47	Tw_i_and_stray	36.500	173	4Bet Tri	3.0040	8900.0	73	38349	No
41	GOM_NL__2PRFIN20090701_044803_000000402080_00219_38349_7055.N1	01-JUL-2009 04:48:03	Dark	39.500	50	13Alp Ari	2.0070	4250.0	79	38349	No
42	GOM_NL__2PRFIN20090701_051219_000000492080_00220_38350_7057.N1	01-JUL-2009 05:12:19	Dark	49.000	84	Alp Phe	2.3970	4500.0	98	38350	No

43	GOM_NL__2PRFIN20090701_051848_000000522080_00220_38350_7058.N1	01-JUL-2009 05:18:48	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	38350	No
44	GOM_NL__2PRFIN20090701_052044_000000492080_00220_38350_7059.N1	01-JUL-2009 05:20:44	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	38350	No
45	GOM_NL__2PRFIN20090701_052338_000000582080_00220_38350_7060.N1	01-JUL-2009 05:23:38	Straylight	57.500	172	Gam Gru	3.0030	13100.	115	38350	No
46	GOM_NL__2PRFIN20090701_053520_000000432080_00220_38350_7061.N1	01-JUL-2009 05:35:20	Bright	43.000	155	41Pi Sgr	2.9000	6600.0	86	38350	No
47	GOM_NL__2PRFIN20090701_054748_000000502080_00220_38350_7062.N1	01-JUL-2009 05:47:48	Bright	49.500	168	17Zet Aql	2.9860	11000.	99	38350	No
48	GOM_NL__2PRFIN20090701_055448_000000462080_00220_38350_7063.N1	01-JUL-2009 05:54:48	Bright	46.000	5	3Alp Lyr	0.033000	11000.	92	38350	No
49	GOM_NL__2PRFIN20090701_055918_000000492080_00220_38350_7064.N1	01-JUL-2009 05:59:18	Bright	49.000	144	18Del Cyg	2.8600	11000.	98	38350	No
50	GOM_NL__2PRFIN20090701_060620_000000432080_00220_38350_7065.N1	01-JUL-2009 06:06:20	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38350	No
51	GOM_NL__2PRFIN20090701_061341_000000412080_00220_38350_7066.N1	01-JUL-2009 06:13:41	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	38350	No
52	GOM_NL__2PRFIN20090701_061514_000000352080_00220_38350_7067.N1	01-JUL-2009 06:15:14	Bright	35.000	110	37Del Cas	2.6780	8900.0	70	38350	No
53	GOM_NL__2PRFIN20090701_062144_000000362080_00220_38350_7068.N1	01-JUL-2009 06:21:44	Bright	35.500	73	57Gam1And	2.2600	13100.	71	38350	No
54	GOM_NL__2PRFIN20090701_062423_000000372080_00220_38350_7069.N1	01-JUL-2009 06:24:23	Tw_i_and_stray	36.500	173	4Bet Tri	3.0040	8900.0	73	38350	No
55	GOM_NL__2PRFIN20090701_062839_000000402080_00220_38350_7070.N1	01-JUL-2009 06:28:39	Dark	39.500	50	13Alp Ari	2.0070	4250.0	79	38350	No
56	GOM_NL__2PRFIN20090701_065256_000000492080_00221_38351_7071.N1	01-JUL-2009 06:52:56	Dark	48.500	84	Alp Phe	2.3970	4500.0	97	38351	No
57	GOM_NL__2PRFIN20090701_065925_000000522080_00221_38351_7072.N1	01-JUL-2009 06:59:25	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	38351	No
58	GOM_NL__2PRFIN20090701_070121_000000502080_00221_38351_7073.N1	01-JUL-2009 07:01:21	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	38351	No
59	GOM_NL__2PRFIN20090701_070415_000000582080_00221_38351_7074.N1	01-JUL-2009 07:04:15	Straylight	57.500	172	Gam Gru	3.0030	13100.	115	38351	No
60	GOM_NL__2PRFIN20090701_071556_000000422080_00221_38351_7075.N1	01-JUL-2009 07:15:56	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	38351	No
61	GOM_NL__2PRFIN20090701_072824_000000502080_00221_38351_7076.N1	01-JUL-2009 07:28:24	Bright	50.000	168	17Zet Aql	2.9860	11000.	100	38351	No
62	GOM_NL__2PRFIN20090701_073524_000000472080_00221_38351_7077.N1	01-JUL-2009 07:35:24	Bright	46.500	5	3Alp Lyr	0.033000	11000.	93	38351	No
63	GOM_NL__2PRFIN20090701_073953_000000502080_00221_38351_7078.N1	01-JUL-2009 07:39:53	Bright	49.500	144	18Del Cyg	2.8600	11000.	99	38351	No
64	GOM_NL__2PRFIN20090701_074655_000000452080_00221_38351_7079.N1	01-JUL-2009 07:46:55	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	38351	No
65	GOM_NL__2PRFIN20090701_075417_000000412080_00221_38351_7080.N1	01-JUL-2009 07:54:17	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	38351	No
66	GOM_NL__2PRFIN20090701_075550_000000362080_00221_38351_7081.N1	01-JUL-2009 07:55:50	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	38351	No
67	GOM_NL__2PRFIN20090701_080220_000000362080_00221_38351_7082.N1	01-JUL-2009 08:02:20	Bright	36.000	73	57Gam1And	2.2600	13100.	72	38351	No
68	GOM_NL__2PRFIN20090701_080459_000000362080_00221_38351_7083.N1	01-JUL-2009 08:04:59	Tw_i_and_stray	36.000	173	4Bet Tri	3.0040	8900.0	72	38351	No
69	GOM_NL__2PRFIN20090701_080915_000000392080_00221_38351_7084.N1	01-JUL-2009 08:09:15	Dark	39.000	50	13Alp Ari	2.0070	4250.0	78	38351	No
70	GOM_NL__2PRFIN20090701_083333_000000522080_00222_38352_7079.N1	01-JUL-2009 08:33:33	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	38352	No
71	GOM_NL__2PRFIN20090701_084002_000000522080_00222_38352_7080.N1	01-JUL-2009 08:40:02	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	38352	No
72	GOM_NL__2PRFIN20090701_084158_000000502080_00222_38352_7081.N1	01-JUL-2009 08:41:58	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	38352	No
73	GOM_NL__2PRFIN20090701_084452_000000562080_00222_38352_7082.N1	01-JUL-2009 08:44:52	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	38352	No
74	GOM_NL__2PRFIN20090701_085632_000000422080_00222_38352_7083.N1	01-JUL-2009 08:56:32	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	38352	No
75	GOM_NL__2PRFIN20090701_090859_000000462080_00222_38352_7084.N1	01-JUL-2009 09:08:59	Bright	46.000	168	17Zet Aql	2.9860	11000.	92	38352	No
76	GOM_NL__2PRFIN20090701_091559_000000462080_00222_38352_7085.N1	01-JUL-2009 09:15:59	Bright	45.500	5	3Alp Lyr	0.033000	11000.	91	38352	No
77	GOM_NL__2PRFIN20090701_092028_000000502080_00222_38352_7086.N1	01-JUL-2009 09:20:28	Bright	49.500	144	18Del Cyg	2.8600	11000.	99	38352	No
78	GOM_NL__2PRFIN20090701_092730_000000432080_00222_38352_7087.N1	01-JUL-2009 09:27:30	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38352	No
79	GOM_NL__2PRFIN20090701_093452_000000412080_00222_38352_7088.N1	01-JUL-2009 09:34:52	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	38352	No
80	GOM_NL__2PRFIN20090701_093626_000000362080_00222_38352_7089.N1	01-JUL-2009 09:36:26	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	38352	No
81	GOM_NL__2PRFIN20090701_094256_000000362080_00222_38352_7090.N1	01-JUL-2009 09:42:56	Bright	36.000	73	57Gam1And	2.2600	13100.	72	38352	No
82	GOM_NL__2PRFIN20090701_094535_000000362080_00222_38352_7091.N1	01-JUL-2009 09:45:35	Tw_i_and_stray	36.000	173	4Bet Tri	3.0040	8900.0	72	38352	No
83	GOM_NL__2PRFIN20090701_094952_000000392080_00222_38352_7092.N1	01-JUL-2009 09:49:52	Dark	39.000	50	13Alp Ari	2.0070	4250.0	78	38352	No
84	GOM_NL__2PRFIN20090701_101411_000000482080_00223_38353_7087.N1	01-JUL-2009 10:14:11	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	38353	No
85	GOM_NL__2PRFIN20090701_102039_000000532080_00223_38353_7088.N1	01-JUL-2009 10:20:39	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	38353	No
86	GOM_NL__2PRFIN20090701_102234_000000492080_00223_38353_7089.N1	01-JUL-2009 10:22:34	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	38353	No
87	GOM_NL__2PRFIN20090701_102529_000000562080_00223_38353_7090.N1	01-JUL-2009 10:25:29	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	38353	No
88	GOM_NL__2PRFIN20090701_103708_000000422080_00223_38353_7091.N1	01-JUL-2009 10:37:08	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	38353	No
89	GOM_NL__2PRFIN20090701_104934_000000472080_00223_38353_7092.N1	01-JUL-2009 10:49:34	Bright	46.500	168	17Zet Aql	2.9860	11000.	93	38353	No
90	GOM_NL__2PRFIN20090701_105634_000000462080_00223_38353_7093.N1	01-JUL-2009 10:56:34	Bright	45.500	5	3Alp Lyr	0.033000	11000.	91	38353	No
91	GOM_NL__2PRFIN20090701_110103_000000512080_00223_38353_7094.N1	01-JUL-2009 11:01:03	Bright	50.500	144	18Del Cyg	2.8600	11000.	101	38353	No
92	GOM_NL__2PRFIN20090701_110805_000000442080_00223_38353_7095.N1	01-JUL-2009 11:08:05	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38353	No
93	GOM_NL__2PRFIN20090701_111527_000000412080_00223_38353_7096.N1	01-JUL-2009 11:15:27	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	38353	No
94	GOM_NL__2PRFIN20090701_111701_000000362080_00223_38353_7097.N1	01-JUL-2009 11:17:01	Bright	36.000	110	37Del Cas	2.6780	8900.0	72	38353	No
95	GOM_NL__2PRFIN20090701_112332_000000362080_00223_38353_7098.N1	01-JUL-2009 11:23:32	Bright	36.000	73	57Gam1And	2.2600	13100.	72	38353	No
96	GOM_NL__2PRFIN20090701_112611_000000372080_00223_38353_7099.N1	01-JUL-2009 11:26:11	Tw_i_and_stray	36.500	173	4Bet Tri	3.0040	8900.0	73	38353	No
97	GOM_NL__2PRFIN20090701_113028_000000402080_00223_38353_7100.N1	01-JUL-2009 11:30:28	Dark	39.500	50	13Alp Ari	2.0070	4250.0	79	38353	No
98	GOM_NL__2PRFIN20090701_115447_000000512080_00224_38354_7134.N1	01-JUL-2009 11:54:47	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	38354	No
99	GOM_NL__2PRFIN20090701_120115_000000502080_00224_38354_7135.N1	01-JUL-2009 12:01:15	Straylight	49.500	63	Bet Gru	2.1500	2800.0	99	38354	No
100	GOM_NL__2PRFIN20090701_120311_000000472080_00224_38354_7136.N1	01-JUL-2009 12:03:11	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	38354	No
101	GOM_NL__2PRFIN20090701_120606_000000562080_00224_38354_7137.N1	01-JUL-2009 12:06:06	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	38354	No

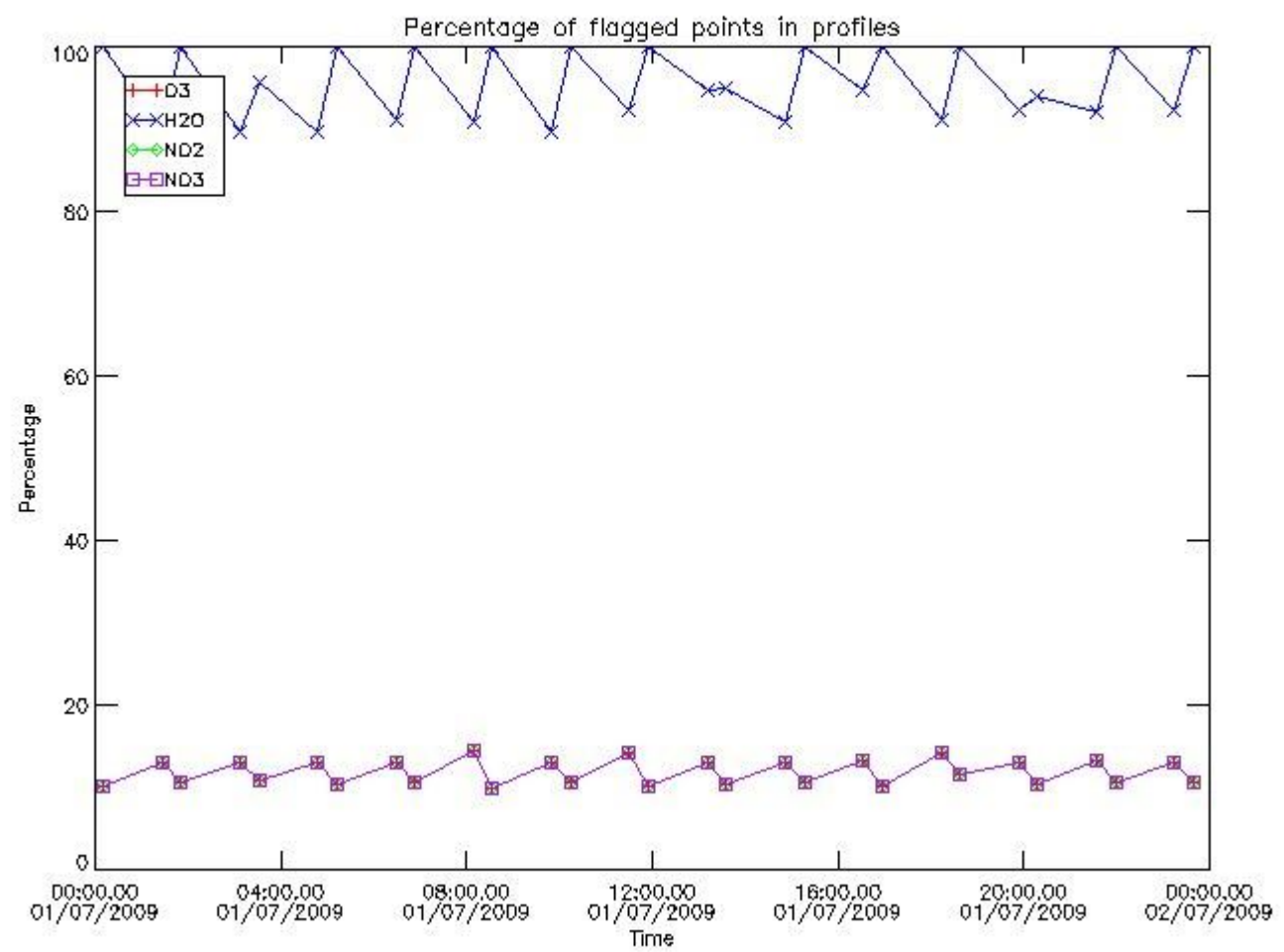
102	GOM_NL__2PRFIN20090701_121744_000000412080_00224_38354_7138.N1	01-JUL-2009 12:17:44	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	38354	No
103	GOM_NL__2PRFIN20090701_123010_000000482080_00224_38354_7139.N1	01-JUL-2009 12:30:10	Bright	48.000	168	17Zet Aql	2.9860	11000.	96	38354	No
104	GOM_NL__2PRFIN20090701_123710_000000462080_00224_38354_7140.N1	01-JUL-2009 12:37:10	Bright	46.000	5	3Alp Lyr	0.033000	11000.	92	38354	No
105	GOM_NL__2PRFIN20090701_124138_000000502080_00224_38354_7141.N1	01-JUL-2009 12:41:38	Bright	49.500	144	18Del Cyg	2.8600	11000.	99	38354	No
106	GOM_NL__2PRFIN20090701_124840_000000432080_00224_38354_7142.N1	01-JUL-2009 12:48:40	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38354	No
107	GOM_NL__2PRFIN20090701_125603_000000412080_00224_38354_7143.N1	01-JUL-2009 12:56:03	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	38354	No
108	GOM_NL__2PRFIN20090701_125736_000000362080_00224_38354_7144.N1	01-JUL-2009 12:57:36	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	38354	No
109	GOM_NL__2PRFIN20090701_130408_000000362080_00224_38354_7145.N1	01-JUL-2009 13:04:08	Bright	35.500	73	57Gam1And	2.2600	13100.	71	38354	No
110	GOM_NL__2PRFIN20090701_130647_000000362080_00224_38354_7146.N1	01-JUL-2009 13:06:47	Twi_and_stray	36.000	173	4Bet Tri	3.0040	8900.0	72	38354	No
111	GOM_NL__2PRFIN20090701_131104_000000392080_00224_38354_7147.N1	01-JUL-2009 13:11:04	Dark	39.000	50	13Alp Ari	2.0070	4250.0	78	38354	No
112	GOM_NL__2PRFIN20090701_133524_000000502080_00225_38355_7148.N1	01-JUL-2009 13:35:24	Dark	49.500	84	Alp Phe	2.3970	4500.0	99	38355	No
113	GOM_NL__2PRFIN20090701_134152_000000522080_00225_38355_7149.N1	01-JUL-2009 13:41:52	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	38355	No
114	GOM_NL__2PRFIN20090701_134348_000000482080_00225_38355_7150.N1	01-JUL-2009 13:43:48	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	38355	No
115	GOM_NL__2PRFIN20090701_134643_000000552080_00225_38355_7151.N1	01-JUL-2009 13:46:43	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	38355	No
116	GOM_NL__2PRFIN20090701_135820_000000422080_00225_38355_7152.N1	01-JUL-2009 13:58:20	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	38355	No
117	GOM_NL__2PRFIN20090701_141045_000000492080_00225_38355_7153.N1	01-JUL-2009 14:10:45	Bright	48.500	168	17Zet Aql	2.9860	11000.	97	38355	No
118	GOM_NL__2PRFIN20090701_141745_000000442080_00225_38355_7154.N1	01-JUL-2009 14:17:45	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	38355	No
119	GOM_NL__2PRFIN20090701_142213_000000472080_00225_38355_7155.N1	01-JUL-2009 14:22:13	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	38355	No
120	GOM_NL__2PRFIN20090701_142916_000000442080_00225_38355_7156.N1	01-JUL-2009 14:29:16	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	38355	No
121	GOM_NL__2PRFIN20090701_143638_000000412080_00225_38355_7157.N1	01-JUL-2009 14:36:38	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	38355	No
122	GOM_NL__2PRFIN20090701_143813_000000362080_00225_38355_7158.N1	01-JUL-2009 14:38:13	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	38355	No
123	GOM_NL__2PRFIN20090701_144444_000000362080_00225_38355_7159.N1	01-JUL-2009 14:44:44	Bright	36.000	73	57Gam1And	2.2600	13100.	72	38355	No
124	GOM_NL__2PRFIN20090701_144723_000000372080_00225_38355_7160.N1	01-JUL-2009 14:47:23	Twi_and_stray	36.500	173	4Bet Tri	3.0040	8900.0	73	38355	No
125	GOM_NL__2PRFIN20090701_145140_000000392080_00225_38355_7161.N1	01-JUL-2009 14:51:40	Dark	39.000	50	13Alp Ari	2.0070	4250.0	78	38355	No
126	GOM_NL__2PRFIN20090701_151601_000000492080_00226_38356_7163.N1	01-JUL-2009 15:16:01	Dark	48.500	84	Alp Phe	2.3970	4500.0	97	38356	No
127	GOM_NL__2PRFIN20090701_152229_000000542080_00226_38356_7164.N1	01-JUL-2009 15:22:29	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	38356	No
128	GOM_NL__2PRFIN20090701_152425_000000482080_00226_38356_7165.N1	01-JUL-2009 15:24:25	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	38356	No
129	GOM_NL__2PRFIN20090701_152720_000000552080_00226_38356_7166.N1	01-JUL-2009 15:27:20	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	38356	No
130	GOM_NL__2PRFIN20090701_153856_000000422080_00226_38356_7167.N1	01-JUL-2009 15:38:56	Bright	42.000	155	41Pi Sgr	2.9000	6600.0	84	38356	No
131	GOM_NL__2PRFIN20090701_155121_000000462080_00226_38356_7168.N1	01-JUL-2009 15:51:21	Bright	46.000	168	17Zet Aql	2.9860	11000.	92	38356	No
132	GOM_NL__2PRFIN20090701_155821_000000442080_00226_38356_7169.N1	01-JUL-2009 15:58:21	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	38356	No
133	GOM_NL__2PRFIN20090701_160249_000000482080_00226_38356_7170.N1	01-JUL-2009 16:02:49	Bright	47.500	144	18Del Cyg	2.8600	11000.	95	38356	No
134	GOM_NL__2PRFIN20090701_160951_000000422080_00226_38356_7171.N1	01-JUL-2009 16:09:51	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38356	No
135	GOM_NL__2PRFIN20090701_161714_000000422080_00226_38356_7172.N1	01-JUL-2009 16:17:14	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	38356	No
136	GOM_NL__2PRFIN20090701_161848_000000352080_00226_38356_7173.N1	01-JUL-2009 16:18:48	Bright	34.500	110	37Del Cas	2.6780	8900.0	69	38356	No
137	GOM_NL__2PRFIN20090701_162520_000000362080_00226_38356_7174.N1	01-JUL-2009 16:25:20	Bright	36.000	73	57Gam1And	2.2600	13100.	72	38356	No
138	GOM_NL__2PRFIN20090701_162759_000000362080_00226_38356_7175.N1	01-JUL-2009 16:27:59	Twi_and_stray	36.000	173	4Bet Tri	3.0040	8900.0	72	38356	No
139	GOM_NL__2PRFIN20090701_163216_000000392080_00226_38356_7176.N1	01-JUL-2009 16:32:16	Dark	38.500	50	13Alp Ari	2.0070	4250.0	77	38356	No
140	GOM_NL__2PRFIN20090701_165638_000000502080_00227_38357_7177.N1	01-JUL-2009 16:56:38	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	38357	No
141	GOM_NL__2PRFIN20090701_170306_000000502080_00227_38357_7178.N1	01-JUL-2009 17:03:06	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	38357	No
142	GOM_NL__2PRFIN20090701_170502_000000492080_00227_38357_7179.N1	01-JUL-2009 17:05:02	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	38357	No
143	GOM_NL__2PRFIN20090701_170757_000000562080_00227_38357_7180.N1	01-JUL-2009 17:07:57	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	38357	No
144	GOM_NL__2PRFIN20090701_171932_000000412080_00227_38357_7181.N1	01-JUL-2009 17:19:32	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	38357	No
145	GOM_NL__2PRFIN20090701_173156_000000482080_00227_38357_7182.N1	01-JUL-2009 17:31:56	Bright	47.500	168	17Zet Aql	2.9860	11000.	95	38357	No
146	GOM_NL__2PRFIN20090701_173857_000000472080_00227_38357_7183.N1	01-JUL-2009 17:38:57	Bright	46.500	5	3Alp Lyr	0.033000	11000.	93	38357	No
147	GOM_NL__2PRFIN20090701_174324_000000492080_00227_38357_7184.N1	01-JUL-2009 17:43:24	Bright	48.500	144	18Del Cyg	2.8600	11000.	97	38357	No
148	GOM_NL__2PRFIN20090701_175026_000000432080_00227_38357_7185.N1	01-JUL-2009 17:50:26	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38357	No
149	GOM_NL__2PRFIN20090701_175749_000000412080_00227_38357_7186.N1	01-JUL-2009 17:57:49	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	38357	No
150	GOM_NL__2PRFIN20090701_175924_000000362080_00227_38357_7187.N1	01-JUL-2009 17:59:24	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	38357	No
151	GOM_NL__2PRFIN20090701_180556_000000362080_00227_38357_7188.N1	01-JUL-2009 18:05:56	Bright	36.000	73	57Gam1And	2.2600	13100.	72	38357	No
152	GOM_NL__2PRFIN20090701_180835_000000372080_00227_38357_7189.N1	01-JUL-2009 18:08:35	Twi_and_stray	36.500	173	4Bet Tri	3.0040	8900.0	73	38357	No
153	GOM_NL__2PRFIN20090701_181253_000000402080_00227_38357_7190.N1	01-JUL-2009 18:12:53	Dark	39.500	50	13Alp Ari	2.0070	4250.0	79	38357	No
154	GOM_NL__2PRFIN20090701_183715_000000482080_00228_38358_7195.N1	01-JUL-2009 18:37:15	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	38358	No
155	GOM_NL__2PRFIN20090701_184343_000000522080_00228_38358_7196.N1	01-JUL-2009 18:43:43	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	38358	No
156	GOM_NL__2PRFIN20090701_184539_000000492080_00228_38358_7197.N1	01-JUL-2009 18:45:39	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	38358	No
157	GOM_NL__2PRFIN20090701_184834_000000562080_00228_38358_7198.N1	01-JUL-2009 18:48:34	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	38358	No
158	GOM_NL__2PRFIN20090701_190009_000000422080_00228_38358_7199.N1	01-JUL-2009 19:00:09	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	38358	No
159	GOM_NL__2PRFIN20090701_191232_000000492080_00228_38358_7200.N1	01-JUL-2009 19:12:32	Bright	48.500	168	17Zet Aql	2.9860	11000.	97	38358	No
160	GOM_NL__2PRFIN20090701_191932_000000472080_00228_38358_7201.N1	01-JUL-2009 19:19:32	Bright	46.500	5	3Alp Lyr	0.033000	11000.	93	38358	No

161	GOM_NL__2PRFIN20090701_192359_000000512080_00228_38358_7202.N1	01-JUL-2009 19:23:59	Bright	50.500	144	18Del Cyg	2.8600	11000.	101	38358	No
162	GOM_NL__2PRFIN20090701_193101_000000672080_00228_38358_7203.N1	01-JUL-2009 19:31:01	Bright	67.000	89	5Alp Cep	2.4510	8000.0	134	38358	No
163	GOM_NL__2PRFIN20090701_193825_000000412080_00228_38358_7204.N1	01-JUL-2009 19:38:25	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	38358	No
164	GOM_NL__2PRFIN20090701_193959_000000362080_00228_38358_7205.N1	01-JUL-2009 19:39:59	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	38358	No
165	GOM_NL__2PRFIN20090701_194631_000000362080_00228_38358_7206.N1	01-JUL-2009 19:46:31	Bright	36.000	73	57Gam1And	2.2600	13100.	72	38358	No
166	GOM_NL__2PRFIN20090701_194911_000000372080_00228_38358_7207.N1	01-JUL-2009 19:49:11	Tw_i_and_stray	36.500	173	4Bet Tri	3.0040	8900.0	73	38358	No
167	GOM_NL__2PRFIN20090701_195329_000000392080_00228_38358_7208.N1	01-JUL-2009 19:53:29	Dark	39.000	50	13Alp Ari	2.0070	4250.0	78	38358	No
168	GOM_NL__2PRFIN20090701_201752_000000502080_00229_38359_7212.N1	01-JUL-2009 20:17:52	Dark	49.500	84	Alp Phe	2.3970	4500.0	99	38359	No
169	GOM_NL__2PRFIN20090701_202420_000000522080_00229_38359_7213.N1	01-JUL-2009 20:24:20	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	38359	No
170	GOM_NL__2PRFIN20090701_202616_000000482080_00229_38359_7214.N1	01-JUL-2009 20:26:16	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	38359	No
171	GOM_NL__2PRFIN20090701_202911_000000562080_00229_38359_7215.N1	01-JUL-2009 20:29:11	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	38359	No
172	GOM_NL__2PRFIN20090701_204045_000000422080_00229_38359_7216.N1	01-JUL-2009 20:40:45	Bright	42.000	155	41Pi Sgr	2.9000	6600.0	84	38359	No
173	GOM_NL__2PRFIN20090701_205307_000000462080_00229_38359_7217.N1	01-JUL-2009 20:53:07	Bright	45.500	168	17Zet Aql	2.9860	11000.	91	38359	No
174	GOM_NL__2PRFIN20090701_210007_000000412080_00229_38359_7218.N1	01-JUL-2009 21:00:07	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	38359	No
175	GOM_NL__2PRFIN20090701_210434_000000492080_00229_38359_7219.N1	01-JUL-2009 21:04:34	Bright	48.500	144	18Del Cyg	2.8600	11000.	97	38359	No
176	GOM_NL__2PRFIN20090701_211137_000000432080_00229_38359_7220.N1	01-JUL-2009 21:11:37	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38359	No
177	GOM_NL__2PRFIN20090701_211900_000000412080_00229_38359_7221.N1	01-JUL-2009 21:19:00	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	38359	No
178	GOM_NL__2PRFIN20090701_212035_000000352080_00229_38359_7222.N1	01-JUL-2009 21:20:35	Bright	34.500	110	37Del Cas	2.6780	8900.0	69	38359	No
179	GOM_NL__2PRFIN20090701_212707_000000362080_00229_38359_7223.N1	01-JUL-2009 21:27:07	Bright	36.000	73	57Gam1And	2.2600	13100.	72	38359	No
180	GOM_NL__2PRFIN20090701_212947_000000362080_00229_38359_7224.N1	01-JUL-2009 21:29:47	Tw_i_and_stray	36.000	173	4Bet Tri	3.0040	8900.0	72	38359	No
181	GOM_NL__2PRFIN20090701_213405_000000382080_00229_38359_7225.N1	01-JUL-2009 21:34:05	Dark	38.000	50	13Alp Ari	2.0070	4250.0	76	38359	No
182	GOM_NL__2PRFIN20090701_215829_000000482080_00230_38360_7223.N1	01-JUL-2009 21:58:29	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	38360	No
183	GOM_NL__2PRFIN20090701_220457_000000502080_00230_38360_7224.N1	01-JUL-2009 22:04:57	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	38360	No
184	GOM_NL__2PRFIN20090701_220652_000000502080_00230_38360_7225.N1	01-JUL-2009 22:06:52	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	38360	No
185	GOM_NL__2PRFIN20090701_220948_000000562080_00230_38360_7226.N1	01-JUL-2009 22:09:48	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	38360	No
186	GOM_NL__2PRFIN20090701_222121_000000422080_00230_38360_7227.N1	01-JUL-2009 22:21:21	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	38360	No
187	GOM_NL__2PRFIN20090701_223342_000000492080_00230_38360_7228.N1	01-JUL-2009 22:33:42	Bright	48.500	168	17Zet Aql	2.9860	11000.	97	38360	No
188	GOM_NL__2PRFIN20090701_224043_000000442080_00230_38360_7229.N1	01-JUL-2009 22:40:43	Bright	44.000	5	3Alp Lyr	0.033000	11000.	88	38360	No
189	GOM_NL__2PRFIN20090701_224509_000000482080_00230_38360_7230.N1	01-JUL-2009 22:45:09	Bright	48.000	144	18Del Cyg	2.8600	11000.	96	38360	No
190	GOM_NL__2PRFIN20090701_225212_000000422080_00230_38360_7231.N1	01-JUL-2009 22:52:12	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38360	No
191	GOM_NL__2PRFIN20090701_225935_000000412080_00230_38360_7232.N1	01-JUL-2009 22:59:35	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	38360	No
192	GOM_NL__2PRFIN20090701_230111_000000362080_00230_38360_7233.N1	01-JUL-2009 23:01:11	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	38360	No
193	GOM_NL__2PRFIN20090701_230743_000000362080_00230_38360_7234.N1	01-JUL-2009 23:07:43	Bright	36.000	73	57Gam1And	2.2600	13100.	72	38360	No
194	GOM_NL__2PRFIN20090701_231023_000000372080_00230_38360_7235.N1	01-JUL-2009 23:10:23	Tw_i_and_stray	36.500	173	4Bet Tri	3.0040	8900.0	73	38360	No
195	GOM_NL__2PRFIN20090701_231441_000000392080_00230_38360_7236.N1	01-JUL-2009 23:14:41	Dark	39.000	50	13Alp Ari	2.0070	4250.0	78	38360	No
196	GOM_NL__2PRFIN20090701_233906_000000492080_00231_38361_7243.N1	01-JUL-2009 23:39:06	Dark	48.500	84	Alp Phe	2.3970	4500.0	97	38361	No
197	GOM_NL__2PRFIN20090701_234534_000000522080_00231_38361_7244.N1	01-JUL-2009 23:45:34	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	38361	No
198	GOM_NL__2PRFIN20090701_234729_000000462080_00231_38361_7245.N1	01-JUL-2009 23:47:29	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	38361	No
199	GOM_NL__2PRFIN20090701_235025_000000542080_00231_38361_7246.N1	01-JUL-2009 23:50:25	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	38361	No

3. Quality information per product

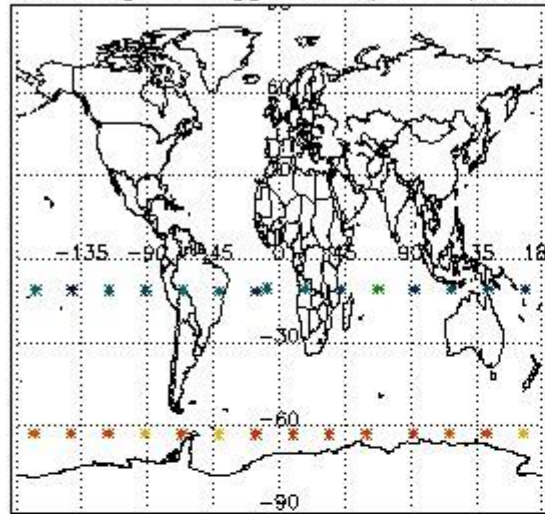
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

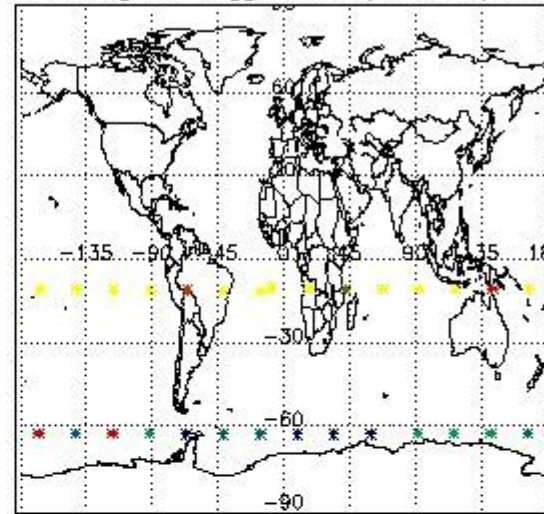


3.2 Plot quality information per product (world map)

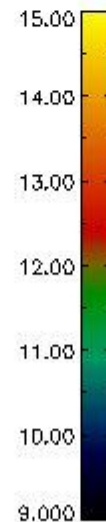
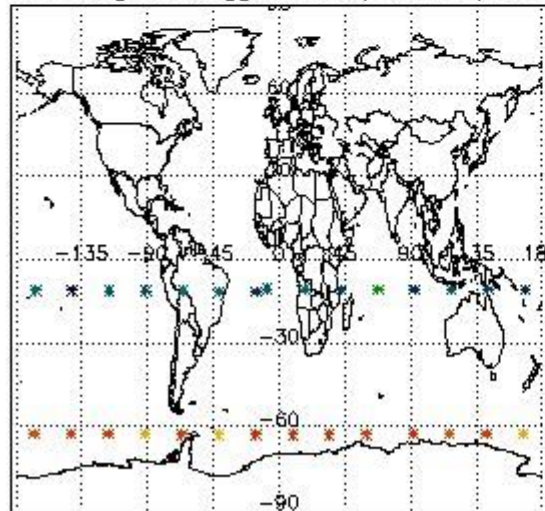
Percentage of flagged data per O3 profile



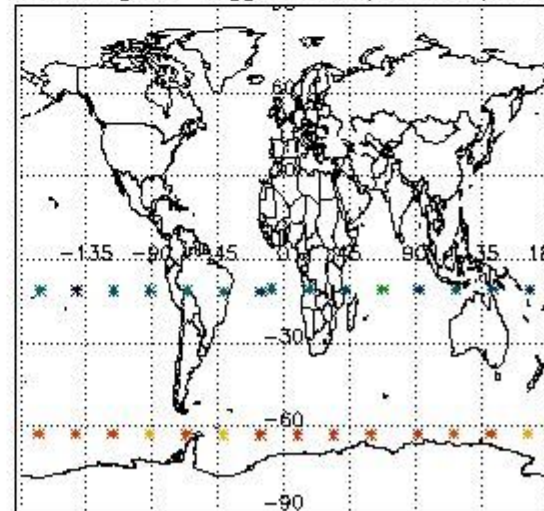
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

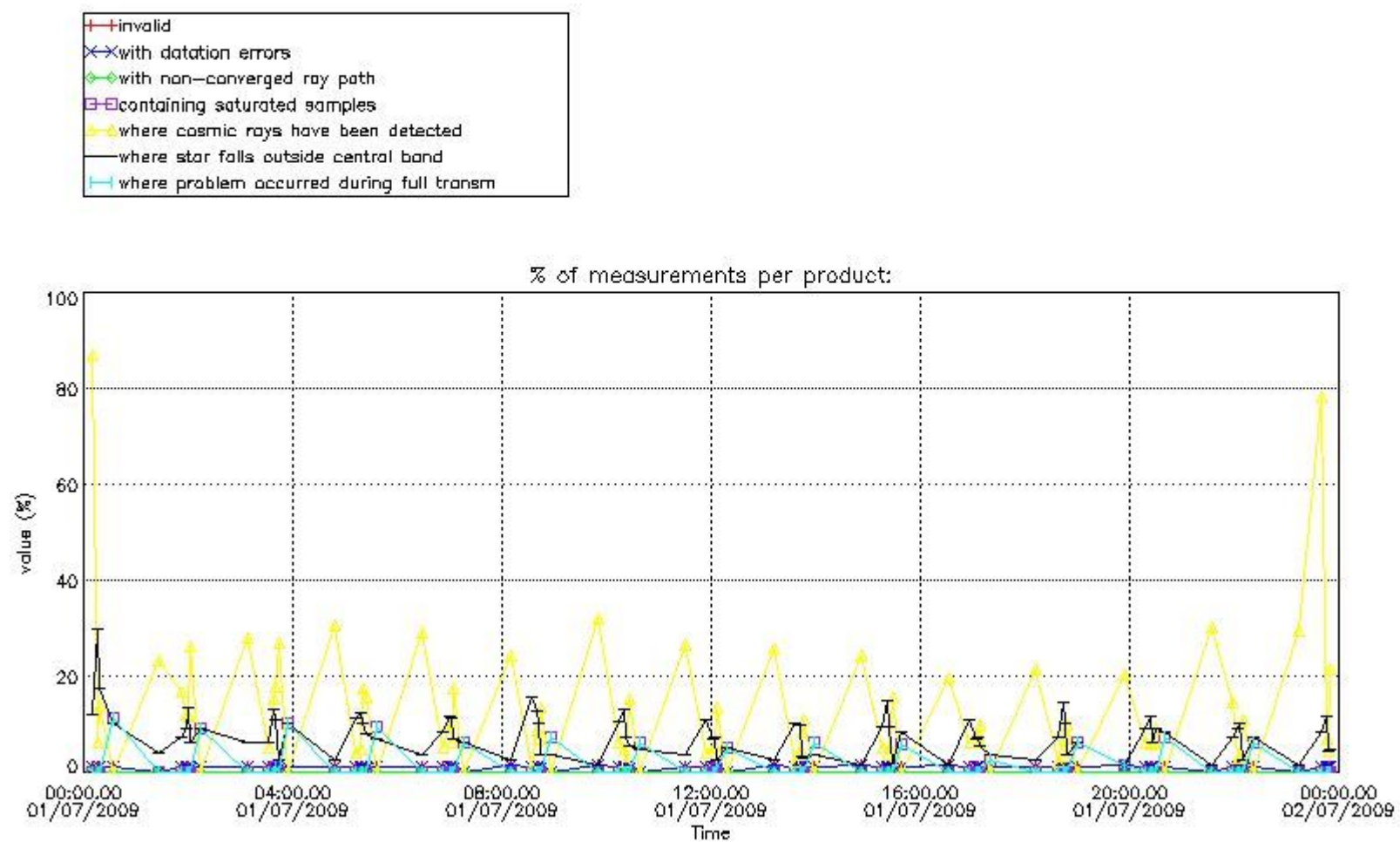


4. Level 1 quality information per product

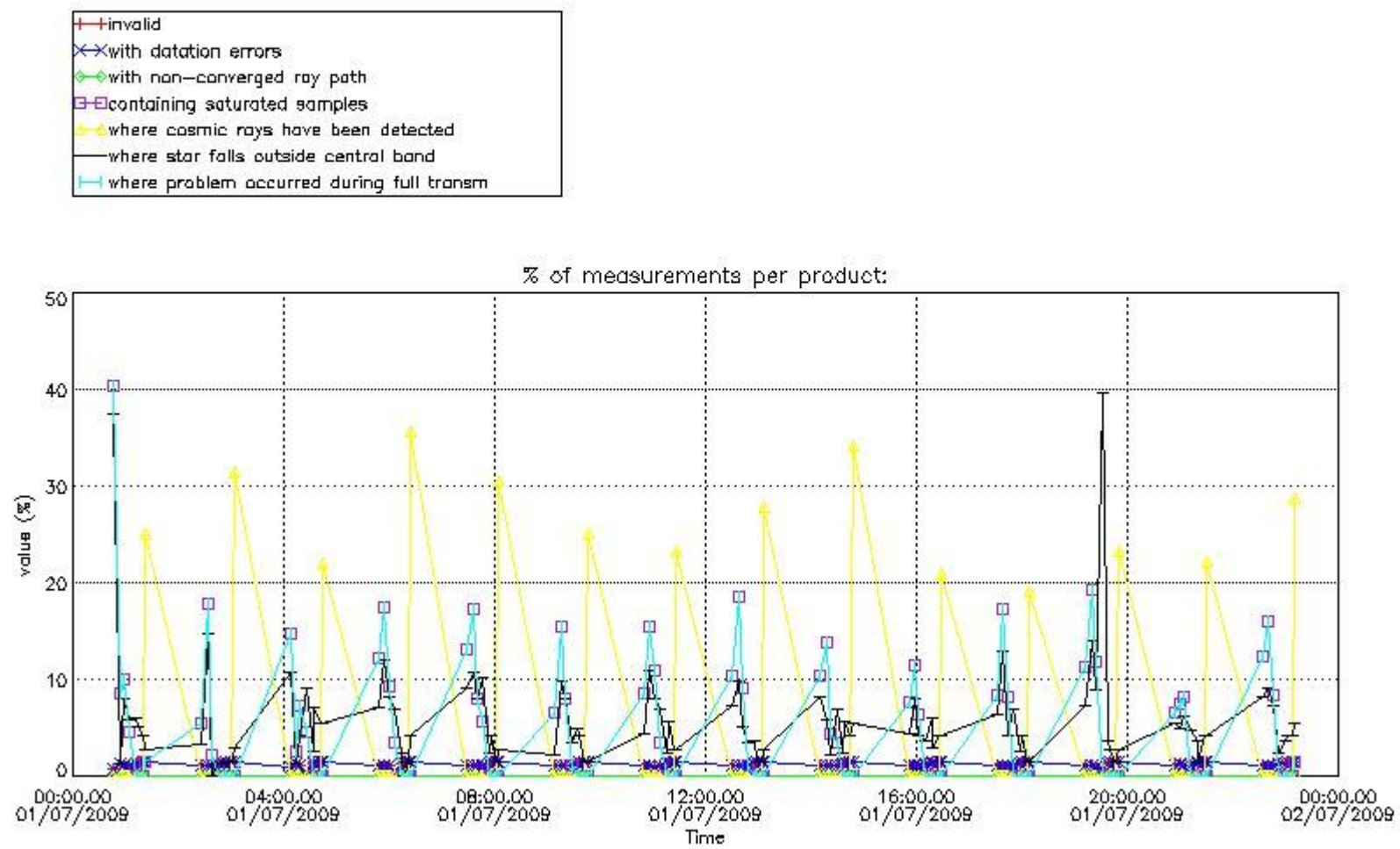
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

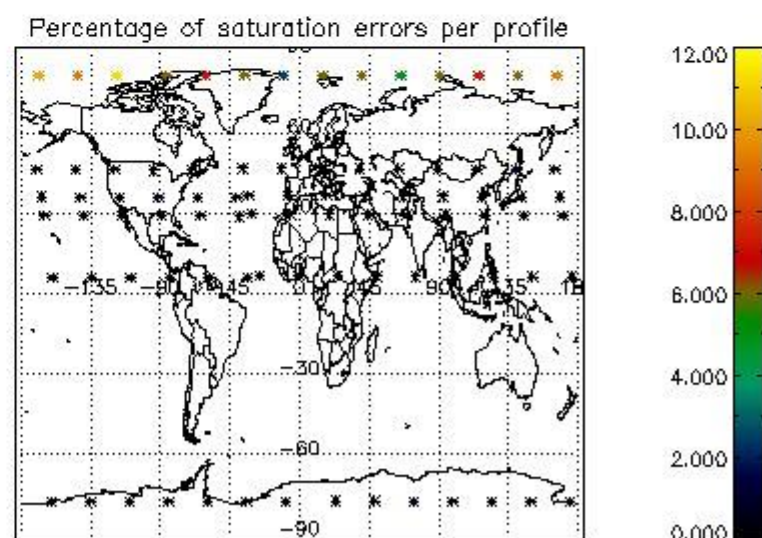
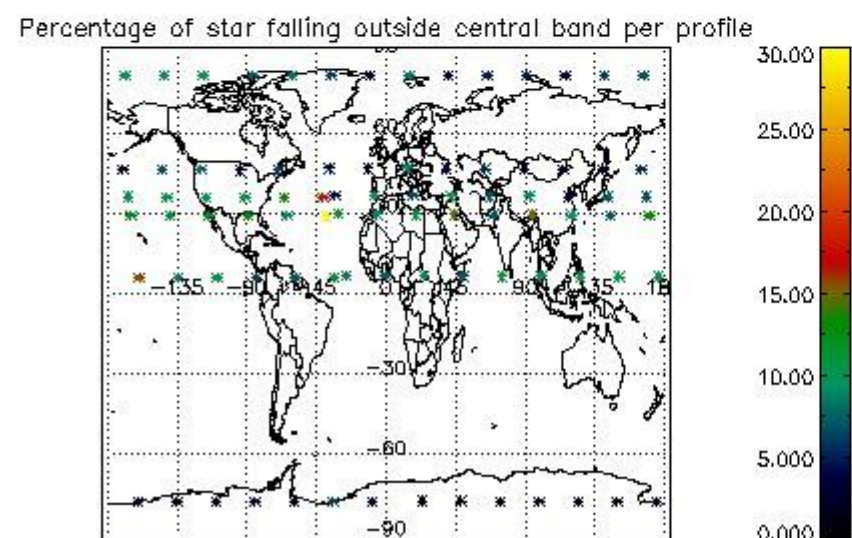
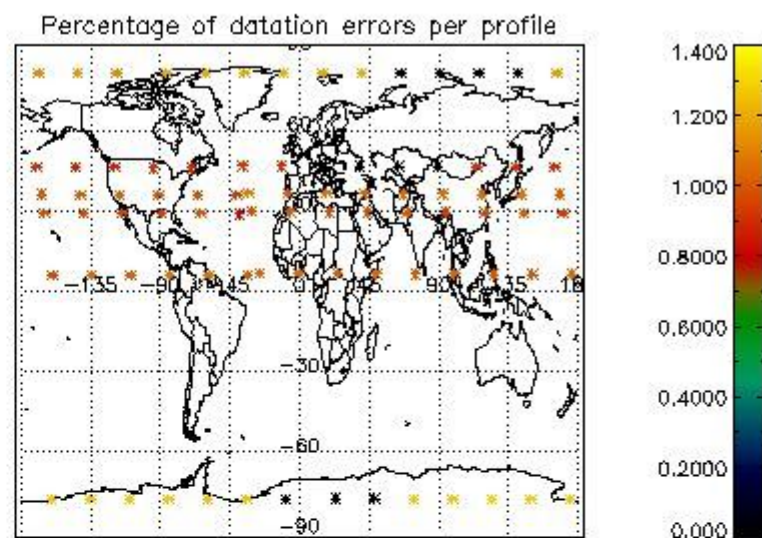
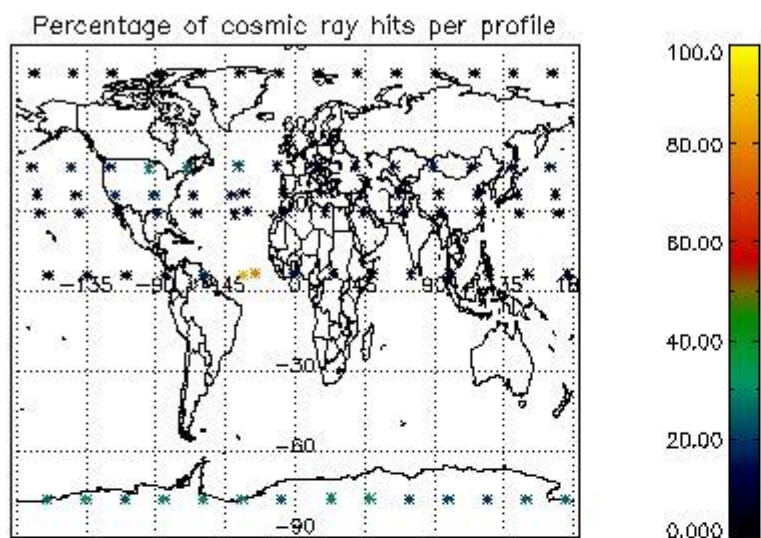


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

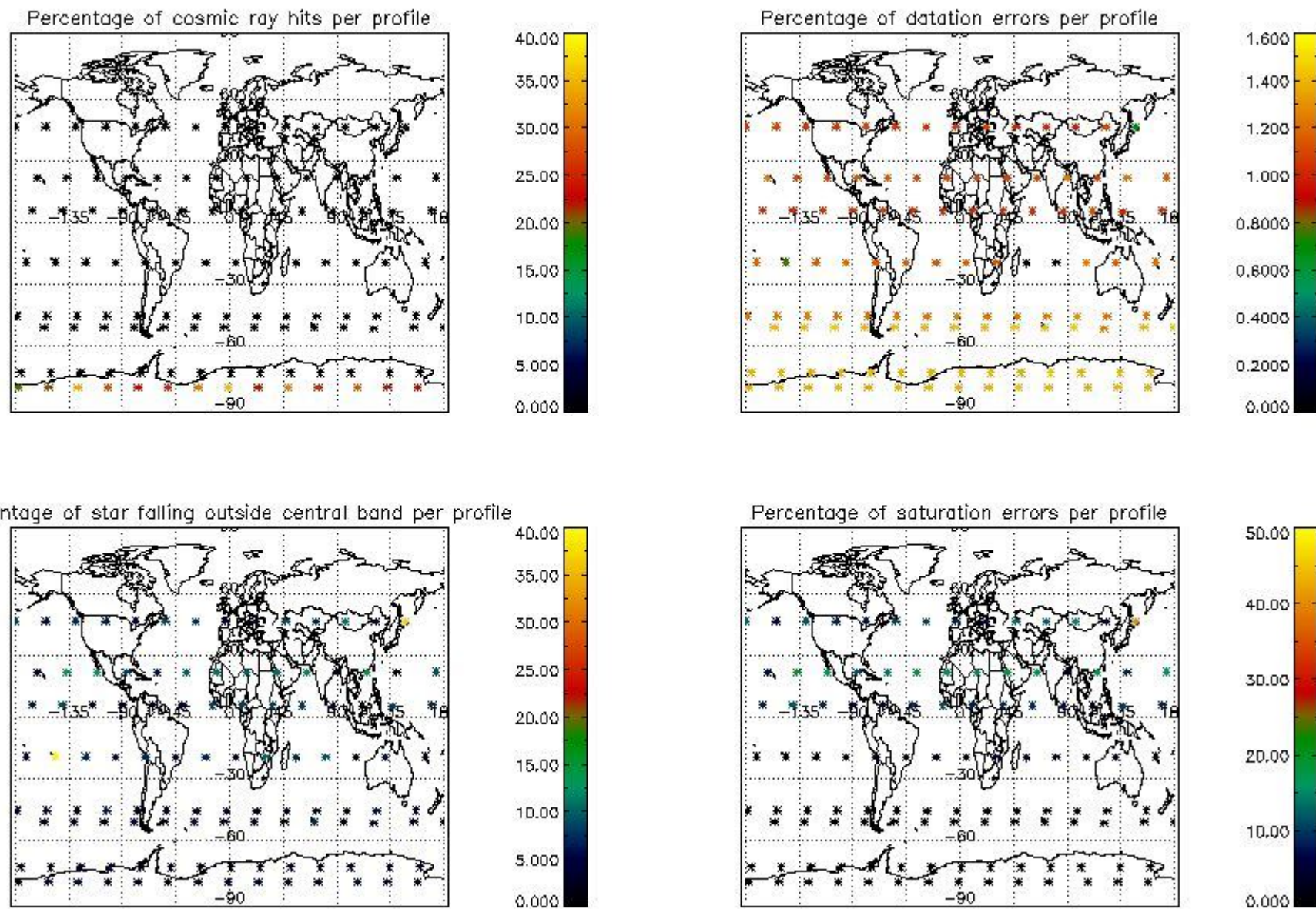


4.2 Plot quality information per product coming from level 1b processing (world map)

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

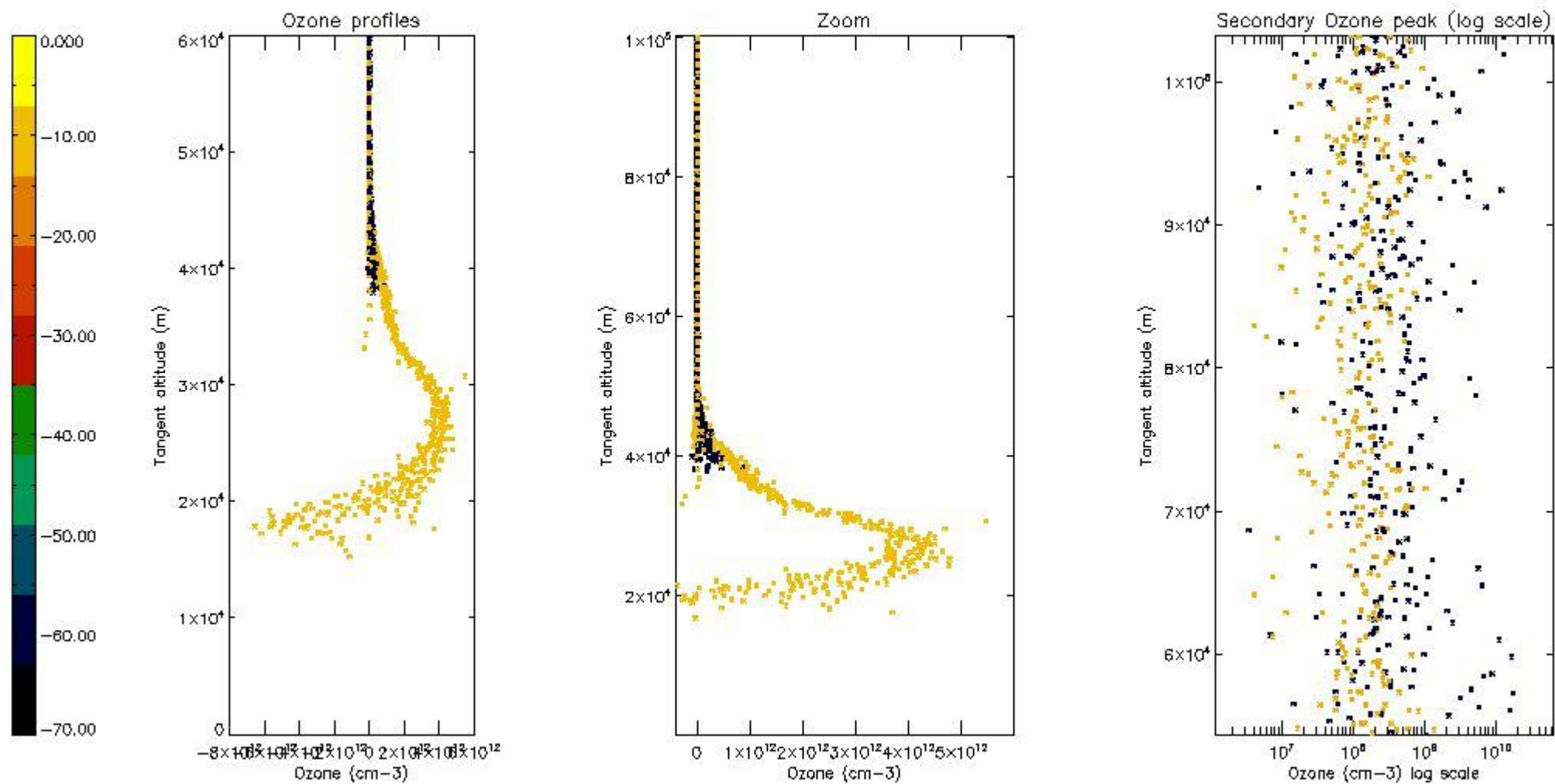
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	15
STD < 20	3

STD < 10	1
STD < 5	0

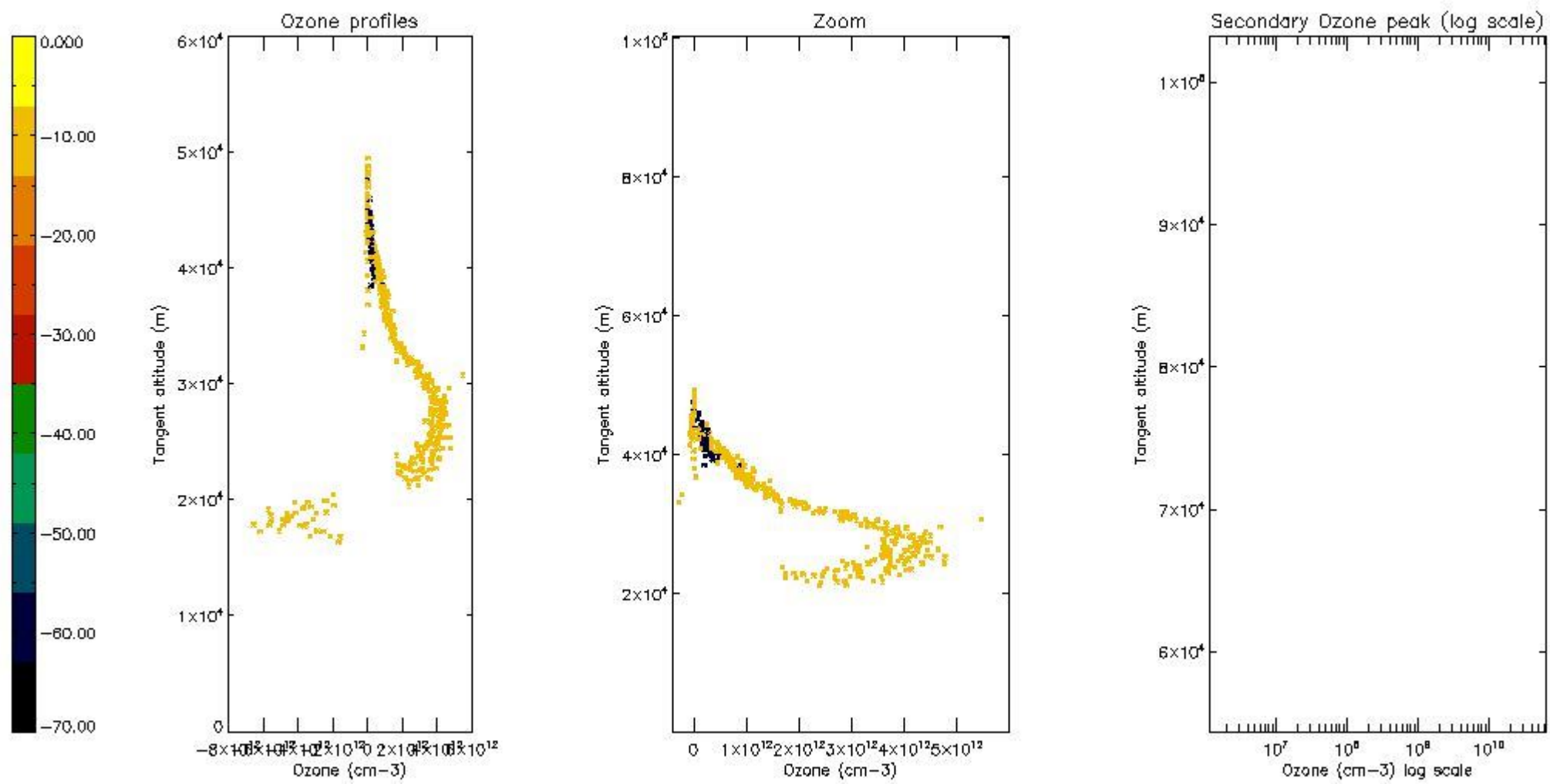
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



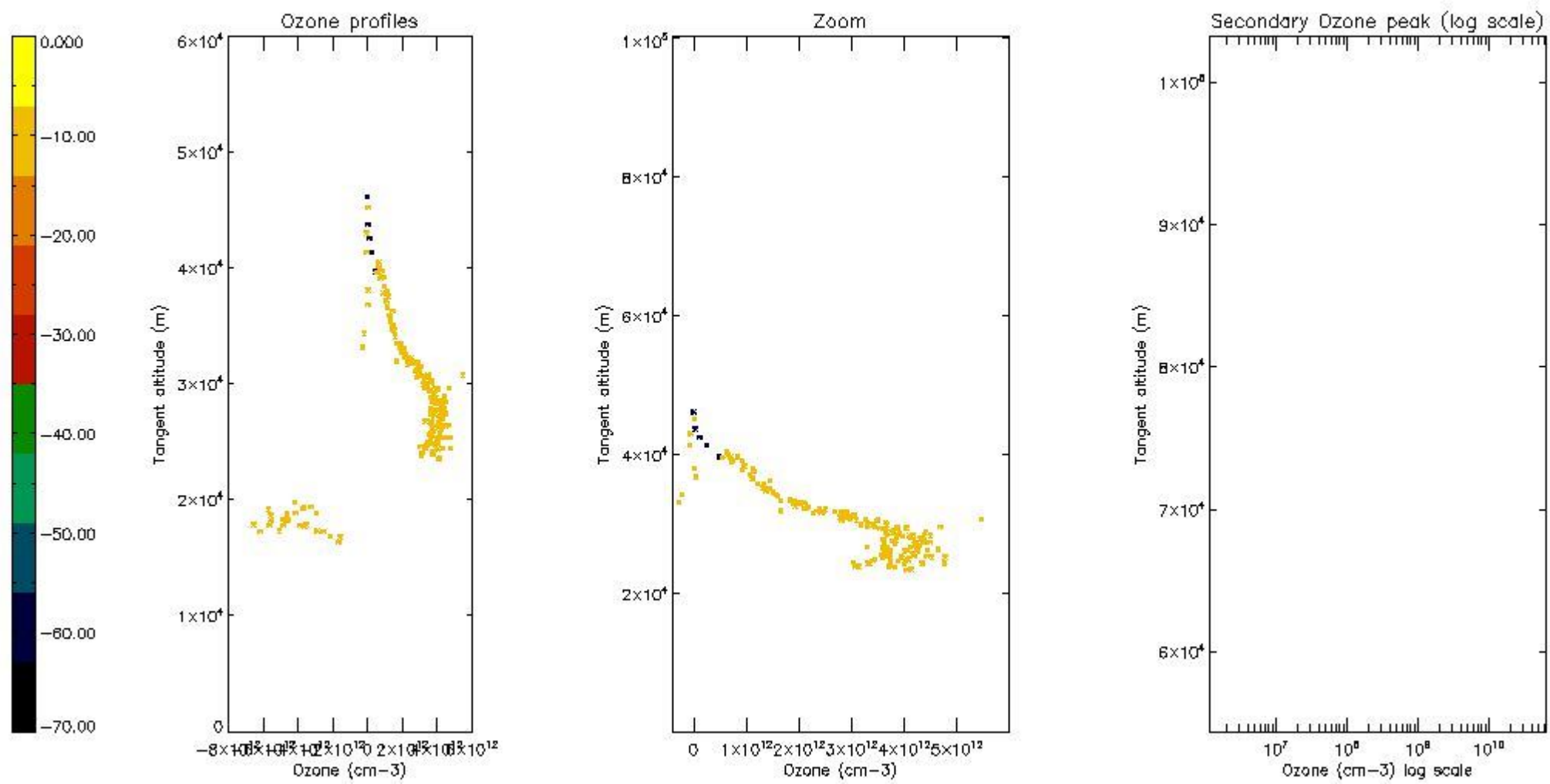
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



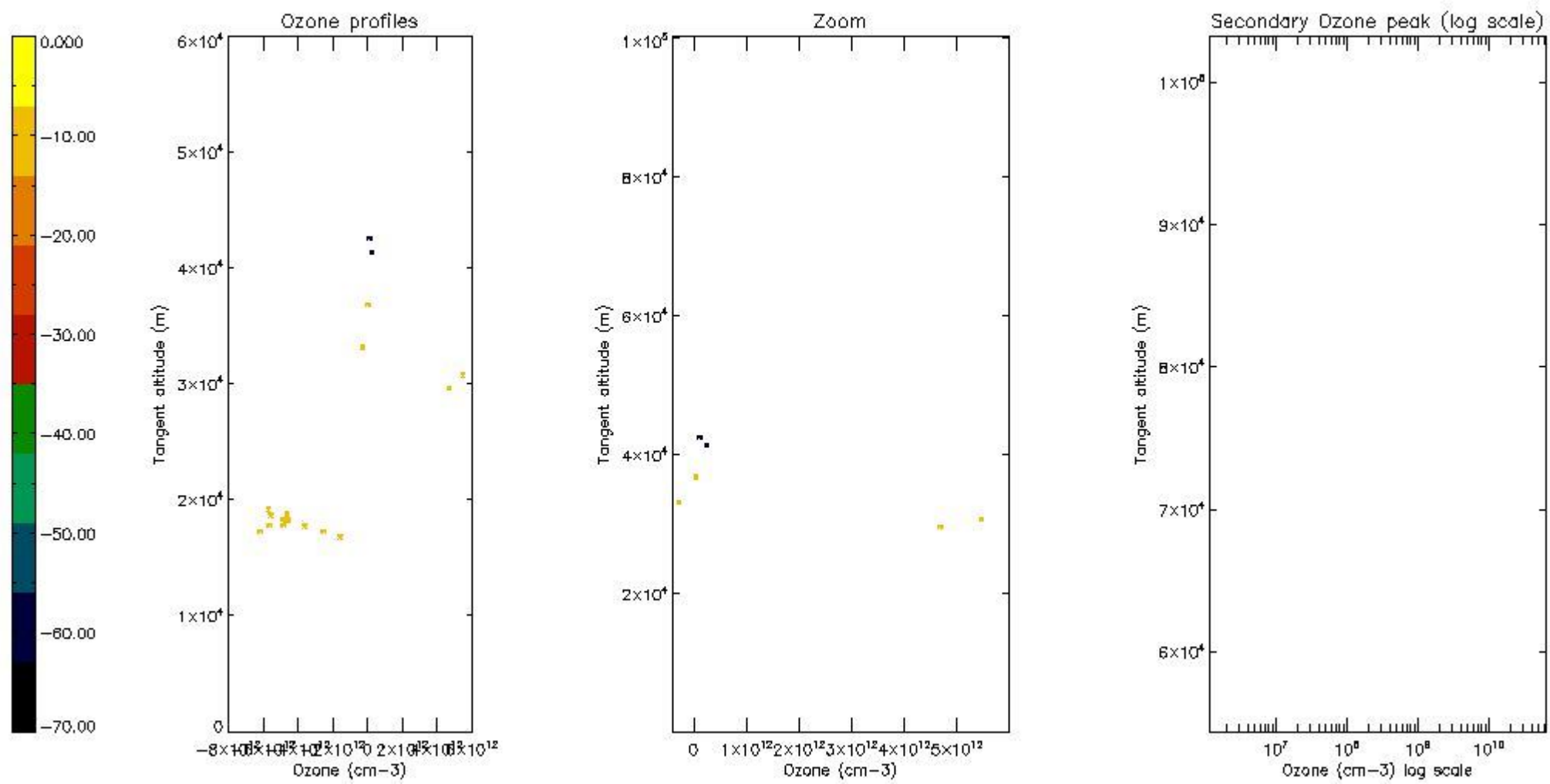
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



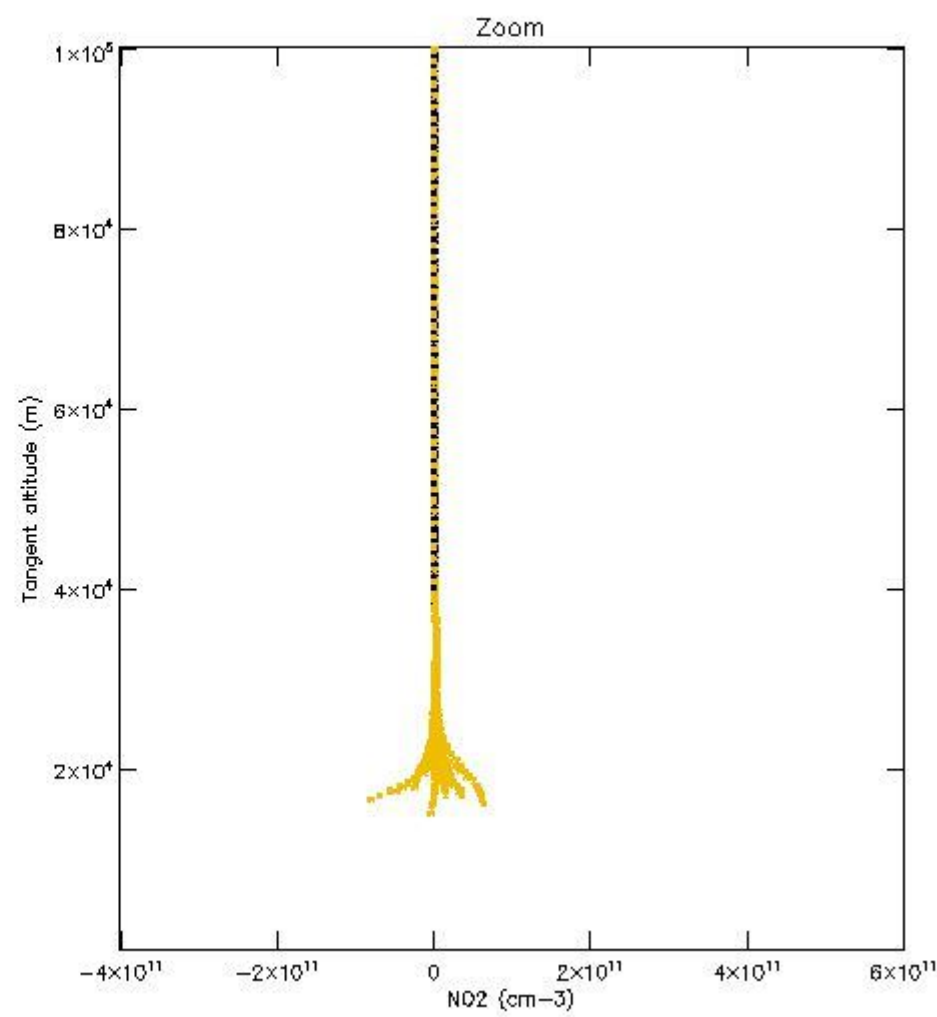
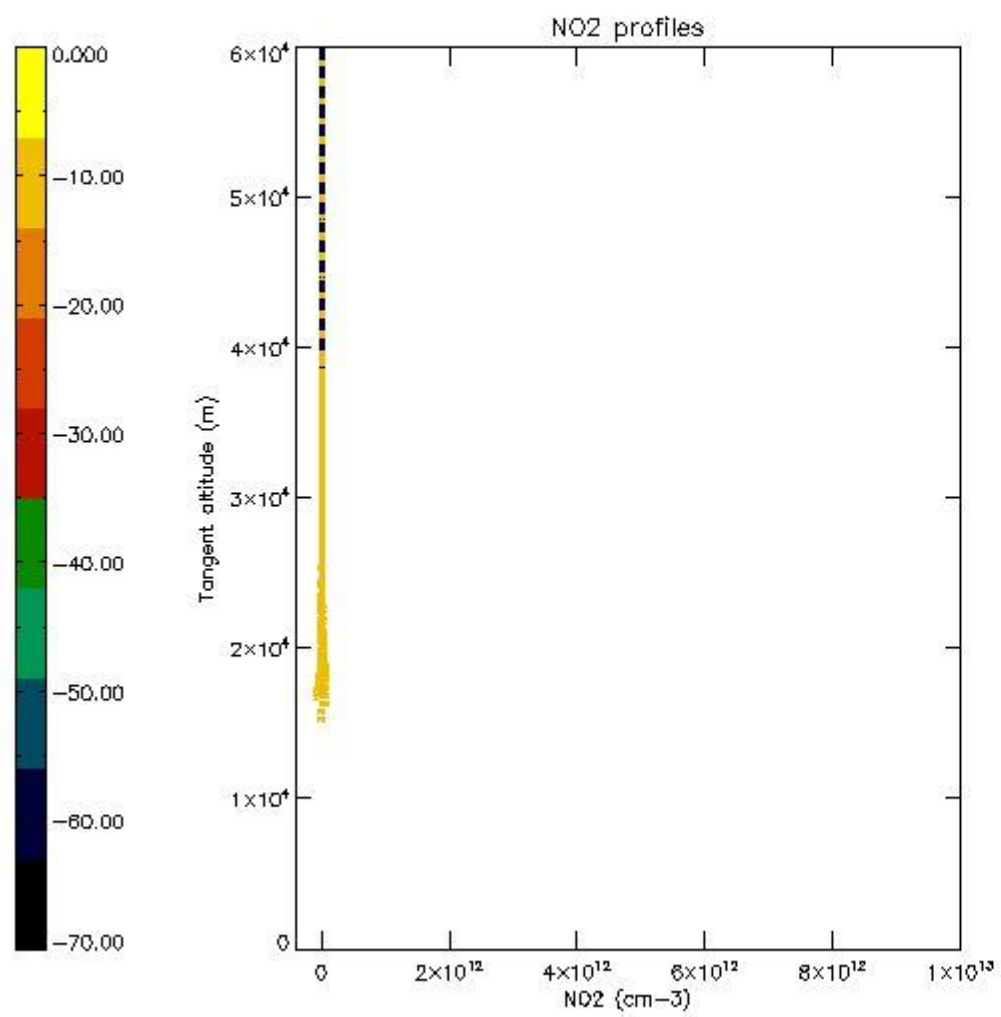
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



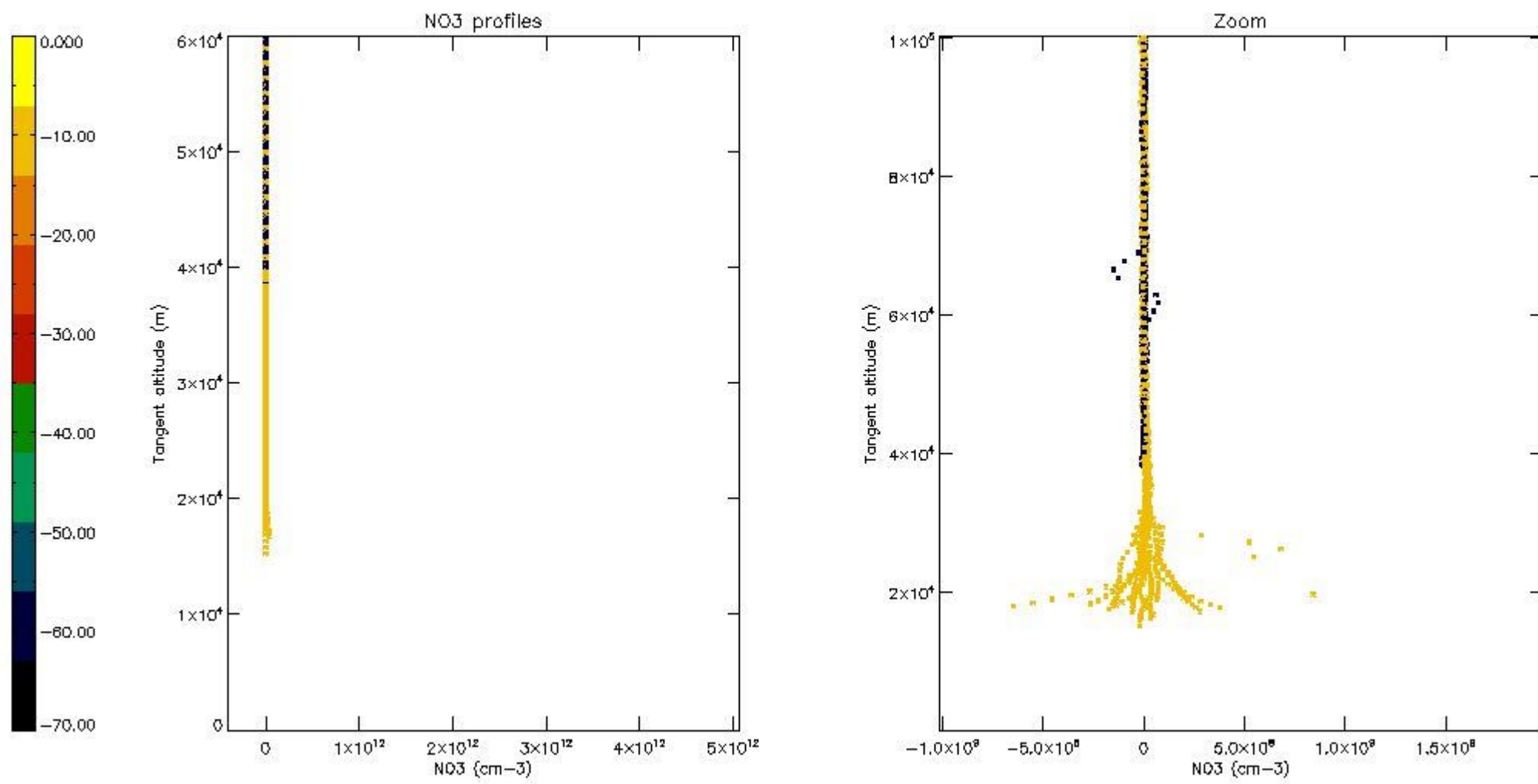
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



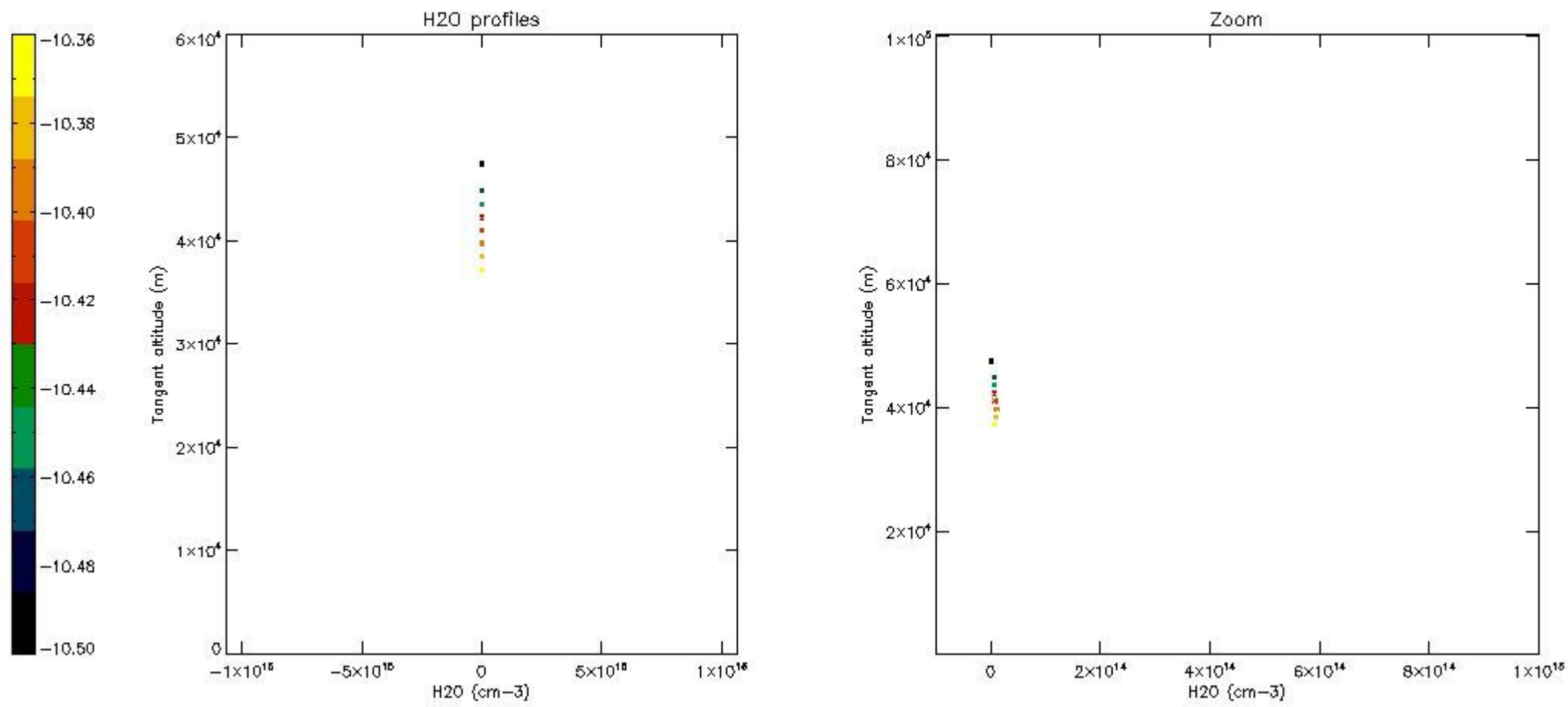
5.7 Plot NO3 profiles for all STD (dark without errors)

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	01-JUL-2009 00:10:28
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-JUL-2009 00:10:28
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-JUL-2009 00:10:28

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	26APR2013 10:28:10
Data source version	GOMOS/6.01
Start time of products	01-07-2009 (01JUL2009 00:00:00)
Stop time of products	02-07-2009 (02JUL2009 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	199
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__2PRFIN20090701_001028_000000502080_00217_38347_7013.N1	01-JUL-2009 00:10:28	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	38347	No
2	GOM_NL__2PRFIN20090701_001657_000000642080_00217_38347_7014.N1	01-JUL-2009 00:16:57	Straylight	63.500	63	Bet Gru	2.1500	2800.0	127	38347	No
3	GOM_NL__2PRFIN20090701_001853_000000542080_00217_38347_7015.N1	01-JUL-2009 00:18:53	Straylight	54.000	31	Alp Gru	1.7340	15200.	108	38347	No
4	GOM_NL__2PRFIN20090701_003331_000000452080_00217_38347_7016.N1	01-JUL-2009 00:33:31	Bright	44.500	155	41Pi Sgr	2.9000	6600.0	89	38347	No
5	GOM_NL__2PRFIN20090701_004602_000000722080_00217_38347_7017.N1	01-JUL-2009 00:46:02	Bright	72.000	168	17Zet Aql	2.9860	11000.	144	38347	No
6	GOM_NL__2PRFIN20090701_005302_000000412080_00217_38347_7018.N1	01-JUL-2009 00:53:02	Bright	41.000	5	3Alp Lyr	0.033000	11000.	82	38347	No
7	GOM_NL__2PRFIN20090701_005733_000000502080_00217_38347_7019.N1	01-JUL-2009 00:57:33	Bright	50.000	144	18Del Cyg	2.8600	11000.	100	38347	No
8	GOM_NL__2PRFIN20090701_010434_000000442080_00217_38347_7020.N1	01-JUL-2009 01:04:34	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	38347	No
9	GOM_NL__2PRFIN20090701_011155_000000422080_00217_38347_7021.N1	01-JUL-2009 01:11:55	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	38347	No
10	GOM_NL__2PRFIN20090701_011337_000000402080_00217_38347_7022.N1	01-JUL-2009 01:13:37	Bright	40.000	68	18Alp Cas	2.2250	4500.0	80	38347	No
11	GOM_NL__2PRFIN20090701_011957_000000362080_00217_38347_7023.N1	01-JUL-2009 01:19:57	Bright	36.000	73	57Gam1And	2.2600	13100.	72	38347	No
12	GOM_NL__2PRFIN20090701_012235_000000362080_00217_38347_7024.N1	01-JUL-2009 01:22:35	Tw_i_and_stray	36.000	173	4Bet Tri	3.0040	8900.0	72	38347	No
13	GOM_NL__2PRFIN20090701_012650_000000392080_00217_38347_7025.N1	01-JUL-2009 01:26:50	Dark	38.500	50	13Alp Ari	2.0070	4250.0	77	38347	No
14	GOM_NL__2PRFIN20090701_015105_000000482080_00218_38348_7028.N1	01-JUL-2009 01:51:05	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	38348	No
15	GOM_NL__2PRFIN20090701_015734_000000512080_00218_38348_7029.N1	01-JUL-2009 01:57:34	Straylight	50.500	63	Bet Gru	2.1500	2800.0	101	38348	No
16	GOM_NL__2PRFIN20090701_015930_000000522080_00218_38348_7030.N1	01-JUL-2009 01:59:30	Straylight	51.500	31	Alp Gru	1.7340	15200.	103	38348	No
17	GOM_NL__2PRFIN20090701_020224_000000572080_00218_38348_7031.N1	01-JUL-2009 02:02:24	Straylight	57.000	172	Gam Gru	3.0030	13100.	114	38348	No
18	GOM_NL__2PRFIN20090701_021407_000000442080_00218_38348_7032.N1	01-JUL-2009 02:14:07	Bright	43.500	155	41Pi Sgr	2.9000	6600.0	87	38348	No
19	GOM_NL__2PRFIN20090701_022637_000000462080_00218_38348_7033.N1	01-JUL-2009 02:26:37	Bright	45.500	168	17Zet Aql	2.9860	11000.	91	38348	No
20	GOM_NL__2PRFIN20090701_023337_000000482080_00218_38348_7034.N1	01-JUL-2009 02:33:37	Bright	47.500	5	3Alp Lyr	0.033000	11000.	95	38348	No
21	GOM_NL__2PRFIN20090701_023808_000000452080_00218_38348_7035.N1	01-JUL-2009 02:38:08	Bright	45.000	144	18Del Cyg	2.8600	11000.	90	38348	No
22	GOM_NL__2PRFIN20090701_024509_000000402080_00218_38348_7036.N1	01-JUL-2009 02:45:09	Bright	40.000	89	5Alp Cep	2.4510	8000.0	80	38348	No
23	GOM_NL__2PRFIN20090701_025231_000000392080_00218_38348_7037.N1	01-JUL-2009 02:52:31	Bright	38.500	74	11Bet Cas	2.2680	6600.0	77	38348	No
24	GOM_NL__2PRFIN20090701_025403_000000342080_00218_38348_7038.N1	01-JUL-2009 02:54:03	Bright	34.000	110	37Del Cas	2.6780	8900.0	68	38348	No
25	GOM_NL__2PRFIN20090701_030033_000000352080_00218_38348_7039.N1	01-JUL-2009 03:00:33	Bright	34.500	73	57Gam1And	2.2600	13100.	69	38348	No
26	GOM_NL__2PRFIN20090701_030311_000000352080_00218_38348_7040.N1	01-JUL-2009 03:03:11	Tw_i_and_stray	35.000	173	4Bet Tri	3.0040	8900.0	70	38348	No
27	GOM_NL__2PRFIN20090701_030726_000000402080_00218_38348_7041.N1	01-JUL-2009 03:07:26	Dark	39.500	50	13Alp Ari	2.0070	4250.0	79	38348	No
28	GOM_NL__2PRFIN20090701_033142_000000482080_00219_38349_7042.N1	01-JUL-2009 03:31:42	Dark	47.500	84	Alp Phe	2.3970	4500.0	95	38349	No
29	GOM_NL__2PRFIN20090701_033811_000000532080_00219_38349_7043.N1	01-JUL-2009 03:38:11	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	38349	No
30	GOM_NL__2PRFIN20090701_034007_000000512080_00219_38349_7044.N1	01-JUL-2009 03:40:07	Straylight	50.500	31	Alp Gru	1.7340	15200.	101	38349	No
31	GOM_NL__2PRFIN20090701_034301_000000562080_00219_38349_7045.N1	01-JUL-2009 03:43:01	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	38349	No
32	GOM_NL__2PRFIN20090701_035443_000000442080_00219_38349_7046.N1	01-JUL-2009 03:54:43	Bright	44.000	155	41Pi Sgr	2.9000	6600.0	88	38349	No
33	GOM_NL__2PRFIN20090701_040713_000000512080_00219_38349_7047.N1	01-JUL-2009 04:07:13	Bright	51.000	168	17Zet Aql	2.9860	11000.	102	38349	No
34	GOM_NL__2PRFIN20090701_041413_000000402080_00219_38349_7048.N1	01-JUL-2009 04:14:13	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	38349	No
35	GOM_NL__2PRFIN20090701_041843_000000492080_00219_38349_7049.N1	01-JUL-2009 04:18:43	Bright	48.500	144	18Del Cyg	2.8600	11000.	97	38349	No
36	GOM_NL__2PRFIN20090701_042544_000000442080_00219_38349_7050.N1	01-JUL-2009 04:25:44	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38349	No
37	GOM_NL__2PRFIN20090701_043306_000000412080_00219_38349_7051.N1	01-JUL-2009 04:33:06	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	38349	No
38	GOM_NL__2PRFIN20090701_043439_000000362080_00219_38349_7052.N1	01-JUL-2009 04:34:39	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	38349	No
39	GOM_NL__2PRFIN20090701_044109_000000372080_00219_38349_7053.N1	01-JUL-2009 04:41:09	Bright	36.500	73	57Gam1And	2.2600	13100.	73	38349	No
40	GOM_NL__2PRFIN20090701_044347_000000372080_00219_38349_7054.N1	01-JUL-2009 04:43:47	Tw_i_and_stray	36.500	173	4Bet Tri	3.0040	8900.0	73	38349	No
41	GOM_NL__2PRFIN20090701_044803_000000402080_00219_38349_7055.N1	01-JUL-2009 04:48:03	Dark	39.500	50	13Alp Ari	2.0070	4250.0	79	38349	No
42	GOM_NL__2PRFIN20090701_051219_000000492080_00220_38350_7057.N1	01-JUL-2009 05:12:19	Dark	49.000	84	Alp Phe	2.3970	4500.0	98	38350	No

43	GOM_NL__2PRFIN20090701_051848_000000522080_00220_38350_7058.N1	01-JUL-2009 05:18:48	Straylight	52.000	63	Bet Gru	2.1500	2800.0	104	38350	No
44	GOM_NL__2PRFIN20090701_052044_000000492080_00220_38350_7059.N1	01-JUL-2009 05:20:44	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	38350	No
45	GOM_NL__2PRFIN20090701_052338_000000582080_00220_38350_7060.N1	01-JUL-2009 05:23:38	Straylight	57.500	172	Gam Gru	3.0030	13100.	115	38350	No
46	GOM_NL__2PRFIN20090701_053520_000000432080_00220_38350_7061.N1	01-JUL-2009 05:35:20	Bright	43.000	155	41Pi Sgr	2.9000	6600.0	86	38350	No
47	GOM_NL__2PRFIN20090701_054748_000000502080_00220_38350_7062.N1	01-JUL-2009 05:47:48	Bright	49.500	168	17Zet Aql	2.9860	11000.	99	38350	No
48	GOM_NL__2PRFIN20090701_055448_000000462080_00220_38350_7063.N1	01-JUL-2009 05:54:48	Bright	46.000	5	3Alp Lyr	0.033000	11000.	92	38350	No
49	GOM_NL__2PRFIN20090701_055918_000000492080_00220_38350_7064.N1	01-JUL-2009 05:59:18	Bright	49.000	144	18Del Cyg	2.8600	11000.	98	38350	No
50	GOM_NL__2PRFIN20090701_060620_000000432080_00220_38350_7065.N1	01-JUL-2009 06:06:20	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38350	No
51	GOM_NL__2PRFIN20090701_061341_000000412080_00220_38350_7066.N1	01-JUL-2009 06:13:41	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	38350	No
52	GOM_NL__2PRFIN20090701_061514_000000352080_00220_38350_7067.N1	01-JUL-2009 06:15:14	Bright	35.000	110	37Del Cas	2.6780	8900.0	70	38350	No
53	GOM_NL__2PRFIN20090701_062144_000000362080_00220_38350_7068.N1	01-JUL-2009 06:21:44	Bright	35.500	73	57Gam1And	2.2600	13100.	71	38350	No
54	GOM_NL__2PRFIN20090701_062423_000000372080_00220_38350_7069.N1	01-JUL-2009 06:24:23	Tw_i_and_stray	36.500	173	4Bet Tri	3.0040	8900.0	73	38350	No
55	GOM_NL__2PRFIN20090701_062839_000000402080_00220_38350_7070.N1	01-JUL-2009 06:28:39	Dark	39.500	50	13Alp Ari	2.0070	4250.0	79	38350	No
56	GOM_NL__2PRFIN20090701_065256_000000492080_00221_38351_7071.N1	01-JUL-2009 06:52:56	Dark	48.500	84	Alp Phe	2.3970	4500.0	97	38351	No
57	GOM_NL__2PRFIN20090701_065925_000000522080_00221_38351_7072.N1	01-JUL-2009 06:59:25	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	38351	No
58	GOM_NL__2PRFIN20090701_070121_000000502080_00221_38351_7073.N1	01-JUL-2009 07:01:21	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	38351	No
59	GOM_NL__2PRFIN20090701_070415_000000582080_00221_38351_7074.N1	01-JUL-2009 07:04:15	Straylight	57.500	172	Gam Gru	3.0030	13100.	115	38351	No
60	GOM_NL__2PRFIN20090701_071556_000000422080_00221_38351_7075.N1	01-JUL-2009 07:15:56	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	38351	No
61	GOM_NL__2PRFIN20090701_072824_000000502080_00221_38351_7076.N1	01-JUL-2009 07:28:24	Bright	50.000	168	17Zet Aql	2.9860	11000.	100	38351	No
62	GOM_NL__2PRFIN20090701_073524_000000472080_00221_38351_7077.N1	01-JUL-2009 07:35:24	Bright	46.500	5	3Alp Lyr	0.033000	11000.	93	38351	No
63	GOM_NL__2PRFIN20090701_073953_000000502080_00221_38351_7078.N1	01-JUL-2009 07:39:53	Bright	49.500	144	18Del Cyg	2.8600	11000.	99	38351	No
64	GOM_NL__2PRFIN20090701_074655_000000452080_00221_38351_7079.N1	01-JUL-2009 07:46:55	Bright	44.500	89	5Alp Cep	2.4510	8000.0	89	38351	No
65	GOM_NL__2PRFIN20090701_075417_000000412080_00221_38351_7080.N1	01-JUL-2009 07:54:17	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	38351	No
66	GOM_NL__2PRFIN20090701_075550_000000362080_00221_38351_7081.N1	01-JUL-2009 07:55:50	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	38351	No
67	GOM_NL__2PRFIN20090701_080220_000000362080_00221_38351_7082.N1	01-JUL-2009 08:02:20	Bright	36.000	73	57Gam1And	2.2600	13100.	72	38351	No
68	GOM_NL__2PRFIN20090701_080459_000000362080_00221_38351_7083.N1	01-JUL-2009 08:04:59	Tw_i_and_stray	36.000	173	4Bet Tri	3.0040	8900.0	72	38351	No
69	GOM_NL__2PRFIN20090701_080915_000000392080_00221_38351_7084.N1	01-JUL-2009 08:09:15	Dark	39.000	50	13Alp Ari	2.0070	4250.0	78	38351	No
70	GOM_NL__2PRFIN20090701_083333_000000522080_00222_38352_7079.N1	01-JUL-2009 08:33:33	Dark	51.500	84	Alp Phe	2.3970	4500.0	103	38352	No
71	GOM_NL__2PRFIN20090701_084002_000000522080_00222_38352_7080.N1	01-JUL-2009 08:40:02	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	38352	No
72	GOM_NL__2PRFIN20090701_084158_000000502080_00222_38352_7081.N1	01-JUL-2009 08:41:58	Straylight	50.000	31	Alp Gru	1.7340	15200.	100	38352	No
73	GOM_NL__2PRFIN20090701_084452_000000562080_00222_38352_7082.N1	01-JUL-2009 08:44:52	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	38352	No
74	GOM_NL__2PRFIN20090701_085632_000000422080_00222_38352_7083.N1	01-JUL-2009 08:56:32	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	38352	No
75	GOM_NL__2PRFIN20090701_090859_000000462080_00222_38352_7084.N1	01-JUL-2009 09:08:59	Bright	46.000	168	17Zet Aql	2.9860	11000.	92	38352	No
76	GOM_NL__2PRFIN20090701_091559_000000462080_00222_38352_7085.N1	01-JUL-2009 09:15:59	Bright	45.500	5	3Alp Lyr	0.033000	11000.	91	38352	No
77	GOM_NL__2PRFIN20090701_092028_000000502080_00222_38352_7086.N1	01-JUL-2009 09:20:28	Bright	49.500	144	18Del Cyg	2.8600	11000.	99	38352	No
78	GOM_NL__2PRFIN20090701_092730_000000432080_00222_38352_7087.N1	01-JUL-2009 09:27:30	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38352	No
79	GOM_NL__2PRFIN20090701_093452_000000412080_00222_38352_7088.N1	01-JUL-2009 09:34:52	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	38352	No
80	GOM_NL__2PRFIN20090701_093626_000000362080_00222_38352_7089.N1	01-JUL-2009 09:36:26	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	38352	No
81	GOM_NL__2PRFIN20090701_094256_000000362080_00222_38352_7090.N1	01-JUL-2009 09:42:56	Bright	36.000	73	57Gam1And	2.2600	13100.	72	38352	No
82	GOM_NL__2PRFIN20090701_094535_000000362080_00222_38352_7091.N1	01-JUL-2009 09:45:35	Tw_i_and_stray	36.000	173	4Bet Tri	3.0040	8900.0	72	38352	No
83	GOM_NL__2PRFIN20090701_094952_000000392080_00222_38352_7092.N1	01-JUL-2009 09:49:52	Dark	39.000	50	13Alp Ari	2.0070	4250.0	78	38352	No
84	GOM_NL__2PRFIN20090701_101411_000000482080_00223_38353_7087.N1	01-JUL-2009 10:14:11	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	38353	No
85	GOM_NL__2PRFIN20090701_102039_000000532080_00223_38353_7088.N1	01-JUL-2009 10:20:39	Straylight	53.000	63	Bet Gru	2.1500	2800.0	106	38353	No
86	GOM_NL__2PRFIN20090701_102234_000000492080_00223_38353_7089.N1	01-JUL-2009 10:22:34	Straylight	49.000	31	Alp Gru	1.7340	15200.	98	38353	No
87	GOM_NL__2PRFIN20090701_102529_000000562080_00223_38353_7090.N1	01-JUL-2009 10:25:29	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	38353	No
88	GOM_NL__2PRFIN20090701_103708_000000422080_00223_38353_7091.N1	01-JUL-2009 10:37:08	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	38353	No
89	GOM_NL__2PRFIN20090701_104934_000000472080_00223_38353_7092.N1	01-JUL-2009 10:49:34	Bright	46.500	168	17Zet Aql	2.9860	11000.	93	38353	No
90	GOM_NL__2PRFIN20090701_105634_000000462080_00223_38353_7093.N1	01-JUL-2009 10:56:34	Bright	45.500	5	3Alp Lyr	0.033000	11000.	91	38353	No
91	GOM_NL__2PRFIN20090701_110103_000000512080_00223_38353_7094.N1	01-JUL-2009 11:01:03	Bright	50.500	144	18Del Cyg	2.8600	11000.	101	38353	No
92	GOM_NL__2PRFIN20090701_110805_000000442080_00223_38353_7095.N1	01-JUL-2009 11:08:05	Bright	44.000	89	5Alp Cep	2.4510	8000.0	88	38353	No
93	GOM_NL__2PRFIN20090701_111527_000000412080_00223_38353_7096.N1	01-JUL-2009 11:15:27	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	38353	No
94	GOM_NL__2PRFIN20090701_111701_000000362080_00223_38353_7097.N1	01-JUL-2009 11:17:01	Bright	36.000	110	37Del Cas	2.6780	8900.0	72	38353	No
95	GOM_NL__2PRFIN20090701_112332_000000362080_00223_38353_7098.N1	01-JUL-2009 11:23:32	Bright	36.000	73	57Gam1And	2.2600	13100.	72	38353	No
96	GOM_NL__2PRFIN20090701_112611_000000372080_00223_38353_7099.N1	01-JUL-2009 11:26:11	Tw_i_and_stray	36.500	173	4Bet Tri	3.0040	8900.0	73	38353	No
97	GOM_NL__2PRFIN20090701_113028_000000402080_00223_38353_7100.N1	01-JUL-2009 11:30:28	Dark	39.500	50	13Alp Ari	2.0070	4250.0	79	38353	No
98	GOM_NL__2PRFIN20090701_115447_000000512080_00224_38354_7134.N1	01-JUL-2009 11:54:47	Dark	50.500	84	Alp Phe	2.3970	4500.0	101	38354	No
99	GOM_NL__2PRFIN20090701_120115_000000502080_00224_38354_7135.N1	01-JUL-2009 12:01:15	Straylight	49.500	63	Bet Gru	2.1500	2800.0	99	38354	No
100	GOM_NL__2PRFIN20090701_120311_000000472080_00224_38354_7136.N1	01-JUL-2009 12:03:11	Straylight	47.000	31	Alp Gru	1.7340	15200.	94	38354	No
101	GOM_NL__2PRFIN20090701_120606_000000562080_00224_38354_7137.N1	01-JUL-2009 12:06:06	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	38354	No

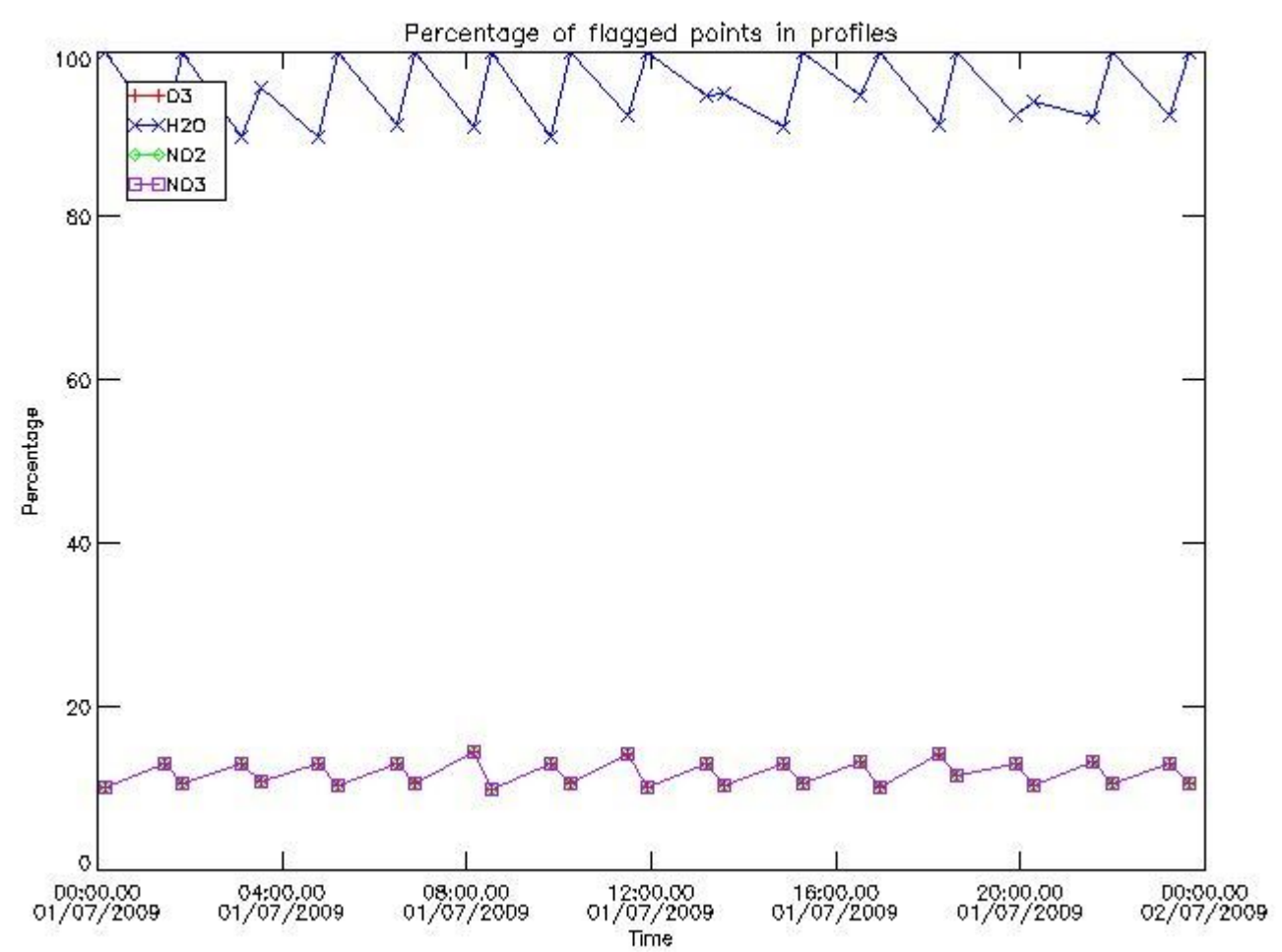
102	GOM_NL__2PRFIN20090701_121744_000000412080_00224_38354_7138.N1	01-JUL-2009 12:17:44	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	38354	No
103	GOM_NL__2PRFIN20090701_123010_000000482080_00224_38354_7139.N1	01-JUL-2009 12:30:10	Bright	48.000	168	17Zet Aql	2.9860	11000.	96	38354	No
104	GOM_NL__2PRFIN20090701_123710_000000462080_00224_38354_7140.N1	01-JUL-2009 12:37:10	Bright	46.000	5	3Alp Lyr	0.033000	11000.	92	38354	No
105	GOM_NL__2PRFIN20090701_124138_000000502080_00224_38354_7141.N1	01-JUL-2009 12:41:38	Bright	49.500	144	18Del Cyg	2.8600	11000.	99	38354	No
106	GOM_NL__2PRFIN20090701_124840_000000432080_00224_38354_7142.N1	01-JUL-2009 12:48:40	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38354	No
107	GOM_NL__2PRFIN20090701_125603_000000412080_00224_38354_7143.N1	01-JUL-2009 12:56:03	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	38354	No
108	GOM_NL__2PRFIN20090701_125736_000000362080_00224_38354_7144.N1	01-JUL-2009 12:57:36	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	38354	No
109	GOM_NL__2PRFIN20090701_130408_000000362080_00224_38354_7145.N1	01-JUL-2009 13:04:08	Bright	35.500	73	57Gam1And	2.2600	13100.	71	38354	No
110	GOM_NL__2PRFIN20090701_130647_000000362080_00224_38354_7146.N1	01-JUL-2009 13:06:47	Twi_and_stray	36.000	173	4Bet Tri	3.0040	8900.0	72	38354	No
111	GOM_NL__2PRFIN20090701_131104_000000392080_00224_38354_7147.N1	01-JUL-2009 13:11:04	Dark	39.000	50	13Alp Ari	2.0070	4250.0	78	38354	No
112	GOM_NL__2PRFIN20090701_133524_000000502080_00225_38355_7148.N1	01-JUL-2009 13:35:24	Dark	49.500	84	Alp Phe	2.3970	4500.0	99	38355	No
113	GOM_NL__2PRFIN20090701_134152_000000522080_00225_38355_7149.N1	01-JUL-2009 13:41:52	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	38355	No
114	GOM_NL__2PRFIN20090701_134348_000000482080_00225_38355_7150.N1	01-JUL-2009 13:43:48	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	38355	No
115	GOM_NL__2PRFIN20090701_134643_000000552080_00225_38355_7151.N1	01-JUL-2009 13:46:43	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	38355	No
116	GOM_NL__2PRFIN20090701_135820_000000422080_00225_38355_7152.N1	01-JUL-2009 13:58:20	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	38355	No
117	GOM_NL__2PRFIN20090701_141045_000000492080_00225_38355_7153.N1	01-JUL-2009 14:10:45	Bright	48.500	168	17Zet Aql	2.9860	11000.	97	38355	No
118	GOM_NL__2PRFIN20090701_141745_000000442080_00225_38355_7154.N1	01-JUL-2009 14:17:45	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	38355	No
119	GOM_NL__2PRFIN20090701_142213_000000472080_00225_38355_7155.N1	01-JUL-2009 14:22:13	Bright	46.500	144	18Del Cyg	2.8600	11000.	93	38355	No
120	GOM_NL__2PRFIN20090701_142916_000000442080_00225_38355_7156.N1	01-JUL-2009 14:29:16	Bright	43.500	89	5Alp Cep	2.4510	8000.0	87	38355	No
121	GOM_NL__2PRFIN20090701_143638_000000412080_00225_38355_7157.N1	01-JUL-2009 14:36:38	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	38355	No
122	GOM_NL__2PRFIN20090701_143813_000000362080_00225_38355_7158.N1	01-JUL-2009 14:38:13	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	38355	No
123	GOM_NL__2PRFIN20090701_144444_000000362080_00225_38355_7159.N1	01-JUL-2009 14:44:44	Bright	36.000	73	57Gam1And	2.2600	13100.	72	38355	No
124	GOM_NL__2PRFIN20090701_144723_000000372080_00225_38355_7160.N1	01-JUL-2009 14:47:23	Twi_and_stray	36.500	173	4Bet Tri	3.0040	8900.0	73	38355	No
125	GOM_NL__2PRFIN20090701_145140_000000392080_00225_38355_7161.N1	01-JUL-2009 14:51:40	Dark	39.000	50	13Alp Ari	2.0070	4250.0	78	38355	No
126	GOM_NL__2PRFIN20090701_151601_000000492080_00226_38356_7163.N1	01-JUL-2009 15:16:01	Dark	48.500	84	Alp Phe	2.3970	4500.0	97	38356	No
127	GOM_NL__2PRFIN20090701_152229_000000542080_00226_38356_7164.N1	01-JUL-2009 15:22:29	Straylight	53.500	63	Bet Gru	2.1500	2800.0	107	38356	No
128	GOM_NL__2PRFIN20090701_152425_000000482080_00226_38356_7165.N1	01-JUL-2009 15:24:25	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	38356	No
129	GOM_NL__2PRFIN20090701_152720_000000552080_00226_38356_7166.N1	01-JUL-2009 15:27:20	Straylight	55.000	172	Gam Gru	3.0030	13100.	110	38356	No
130	GOM_NL__2PRFIN20090701_153856_000000422080_00226_38356_7167.N1	01-JUL-2009 15:38:56	Bright	42.000	155	41Pi Sgr	2.9000	6600.0	84	38356	No
131	GOM_NL__2PRFIN20090701_155121_000000462080_00226_38356_7168.N1	01-JUL-2009 15:51:21	Bright	46.000	168	17Zet Aql	2.9860	11000.	92	38356	No
132	GOM_NL__2PRFIN20090701_155821_000000442080_00226_38356_7169.N1	01-JUL-2009 15:58:21	Bright	43.500	5	3Alp Lyr	0.033000	11000.	87	38356	No
133	GOM_NL__2PRFIN20090701_160249_000000482080_00226_38356_7170.N1	01-JUL-2009 16:02:49	Bright	47.500	144	18Del Cyg	2.8600	11000.	95	38356	No
134	GOM_NL__2PRFIN20090701_160951_000000422080_00226_38356_7171.N1	01-JUL-2009 16:09:51	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38356	No
135	GOM_NL__2PRFIN20090701_161714_000000422080_00226_38356_7172.N1	01-JUL-2009 16:17:14	Bright	41.500	74	11Bet Cas	2.2680	6600.0	83	38356	No
136	GOM_NL__2PRFIN20090701_161848_000000352080_00226_38356_7173.N1	01-JUL-2009 16:18:48	Bright	34.500	110	37Del Cas	2.6780	8900.0	69	38356	No
137	GOM_NL__2PRFIN20090701_162520_000000362080_00226_38356_7174.N1	01-JUL-2009 16:25:20	Bright	36.000	73	57Gam1And	2.2600	13100.	72	38356	No
138	GOM_NL__2PRFIN20090701_162759_000000362080_00226_38356_7175.N1	01-JUL-2009 16:27:59	Twi_and_stray	36.000	173	4Bet Tri	3.0040	8900.0	72	38356	No
139	GOM_NL__2PRFIN20090701_163216_000000392080_00226_38356_7176.N1	01-JUL-2009 16:32:16	Dark	38.500	50	13Alp Ari	2.0070	4250.0	77	38356	No
140	GOM_NL__2PRFIN20090701_165638_000000502080_00227_38357_7177.N1	01-JUL-2009 16:56:38	Dark	50.000	84	Alp Phe	2.3970	4500.0	100	38357	No
141	GOM_NL__2PRFIN20090701_170306_000000502080_00227_38357_7178.N1	01-JUL-2009 17:03:06	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	38357	No
142	GOM_NL__2PRFIN20090701_170502_000000492080_00227_38357_7179.N1	01-JUL-2009 17:05:02	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	38357	No
143	GOM_NL__2PRFIN20090701_170757_000000562080_00227_38357_7180.N1	01-JUL-2009 17:07:57	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	38357	No
144	GOM_NL__2PRFIN20090701_171932_000000412080_00227_38357_7181.N1	01-JUL-2009 17:19:32	Bright	40.500	155	41Pi Sgr	2.9000	6600.0	81	38357	No
145	GOM_NL__2PRFIN20090701_173156_000000482080_00227_38357_7182.N1	01-JUL-2009 17:31:56	Bright	47.500	168	17Zet Aql	2.9860	11000.	95	38357	No
146	GOM_NL__2PRFIN20090701_173857_000000472080_00227_38357_7183.N1	01-JUL-2009 17:38:57	Bright	46.500	5	3Alp Lyr	0.033000	11000.	93	38357	No
147	GOM_NL__2PRFIN20090701_174324_000000492080_00227_38357_7184.N1	01-JUL-2009 17:43:24	Bright	48.500	144	18Del Cyg	2.8600	11000.	97	38357	No
148	GOM_NL__2PRFIN20090701_175026_000000432080_00227_38357_7185.N1	01-JUL-2009 17:50:26	Bright	43.000	89	5Alp Cep	2.4510	8000.0	86	38357	No
149	GOM_NL__2PRFIN20090701_175749_000000412080_00227_38357_7186.N1	01-JUL-2009 17:57:49	Bright	40.500	74	11Bet Cas	2.2680	6600.0	81	38357	No
150	GOM_NL__2PRFIN20090701_175924_000000362080_00227_38357_7187.N1	01-JUL-2009 17:59:24	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	38357	No
151	GOM_NL__2PRFIN20090701_180556_000000362080_00227_38357_7188.N1	01-JUL-2009 18:05:56	Bright	36.000	73	57Gam1And	2.2600	13100.	72	38357	No
152	GOM_NL__2PRFIN20090701_180835_000000372080_00227_38357_7189.N1	01-JUL-2009 18:08:35	Twi_and_stray	36.500	173	4Bet Tri	3.0040	8900.0	73	38357	No
153	GOM_NL__2PRFIN20090701_181253_000000402080_00227_38357_7190.N1	01-JUL-2009 18:12:53	Dark	39.500	50	13Alp Ari	2.0070	4250.0	79	38357	No
154	GOM_NL__2PRFIN20090701_183715_000000482080_00228_38358_7195.N1	01-JUL-2009 18:37:15	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	38358	No
155	GOM_NL__2PRFIN20090701_184343_000000522080_00228_38358_7196.N1	01-JUL-2009 18:43:43	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	38358	No
156	GOM_NL__2PRFIN20090701_184539_000000492080_00228_38358_7197.N1	01-JUL-2009 18:45:39	Straylight	48.500	31	Alp Gru	1.7340	15200.	97	38358	No
157	GOM_NL__2PRFIN20090701_184834_000000562080_00228_38358_7198.N1	01-JUL-2009 18:48:34	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	38358	No
158	GOM_NL__2PRFIN20090701_190009_000000422080_00228_38358_7199.N1	01-JUL-2009 19:00:09	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	38358	No
159	GOM_NL__2PRFIN20090701_191232_000000492080_00228_38358_7200.N1	01-JUL-2009 19:12:32	Bright	48.500	168	17Zet Aql	2.9860	11000.	97	38358	No
160	GOM_NL__2PRFIN20090701_191932_000000472080_00228_38358_7201.N1	01-JUL-2009 19:19:32	Bright	46.500	5	3Alp Lyr	0.033000	11000.	93	38358	No

161	GOM_NL__2PRFIN20090701_192359_000000512080_00228_38358_7202.N1	01-JUL-2009 19:23:59	Bright	50.500	144	18Del Cyg	2.8600	11000.	101	38358	No
162	GOM_NL__2PRFIN20090701_193101_000000672080_00228_38358_7203.N1	01-JUL-2009 19:31:01	Bright	67.000	89	5Alp Cep	2.4510	8000.0	134	38358	No
163	GOM_NL__2PRFIN20090701_193825_000000412080_00228_38358_7204.N1	01-JUL-2009 19:38:25	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	38358	No
164	GOM_NL__2PRFIN20090701_193959_000000362080_00228_38358_7205.N1	01-JUL-2009 19:39:59	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	38358	No
165	GOM_NL__2PRFIN20090701_194631_000000362080_00228_38358_7206.N1	01-JUL-2009 19:46:31	Bright	36.000	73	57Gam1And	2.2600	13100.	72	38358	No
166	GOM_NL__2PRFIN20090701_194911_000000372080_00228_38358_7207.N1	01-JUL-2009 19:49:11	Tw_i_and_stray	36.500	173	4Bet Tri	3.0040	8900.0	73	38358	No
167	GOM_NL__2PRFIN20090701_195329_000000392080_00228_38358_7208.N1	01-JUL-2009 19:53:29	Dark	39.000	50	13Alp Ari	2.0070	4250.0	78	38358	No
168	GOM_NL__2PRFIN20090701_201752_000000502080_00229_38359_7212.N1	01-JUL-2009 20:17:52	Dark	49.500	84	Alp Phe	2.3970	4500.0	99	38359	No
169	GOM_NL__2PRFIN20090701_202420_000000522080_00229_38359_7213.N1	01-JUL-2009 20:24:20	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	38359	No
170	GOM_NL__2PRFIN20090701_202616_000000482080_00229_38359_7214.N1	01-JUL-2009 20:26:16	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	38359	No
171	GOM_NL__2PRFIN20090701_202911_000000562080_00229_38359_7215.N1	01-JUL-2009 20:29:11	Straylight	56.000	172	Gam Gru	3.0030	13100.	112	38359	No
172	GOM_NL__2PRFIN20090701_204045_000000422080_00229_38359_7216.N1	01-JUL-2009 20:40:45	Bright	42.000	155	41Pi Sgr	2.9000	6600.0	84	38359	No
173	GOM_NL__2PRFIN20090701_205307_000000462080_00229_38359_7217.N1	01-JUL-2009 20:53:07	Bright	45.500	168	17Zet Aql	2.9860	11000.	91	38359	No
174	GOM_NL__2PRFIN20090701_210007_000000412080_00229_38359_7218.N1	01-JUL-2009 21:00:07	Bright	40.500	5	3Alp Lyr	0.033000	11000.	81	38359	No
175	GOM_NL__2PRFIN20090701_210434_000000492080_00229_38359_7219.N1	01-JUL-2009 21:04:34	Bright	48.500	144	18Del Cyg	2.8600	11000.	97	38359	No
176	GOM_NL__2PRFIN20090701_211137_000000432080_00229_38359_7220.N1	01-JUL-2009 21:11:37	Bright	42.500	89	5Alp Cep	2.4510	8000.0	85	38359	No
177	GOM_NL__2PRFIN20090701_211900_000000412080_00229_38359_7221.N1	01-JUL-2009 21:19:00	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	38359	No
178	GOM_NL__2PRFIN20090701_212035_000000352080_00229_38359_7222.N1	01-JUL-2009 21:20:35	Bright	34.500	110	37Del Cas	2.6780	8900.0	69	38359	No
179	GOM_NL__2PRFIN20090701_212707_000000362080_00229_38359_7223.N1	01-JUL-2009 21:27:07	Bright	36.000	73	57Gam1And	2.2600	13100.	72	38359	No
180	GOM_NL__2PRFIN20090701_212947_000000362080_00229_38359_7224.N1	01-JUL-2009 21:29:47	Tw_i_and_stray	36.000	173	4Bet Tri	3.0040	8900.0	72	38359	No
181	GOM_NL__2PRFIN20090701_213405_000000382080_00229_38359_7225.N1	01-JUL-2009 21:34:05	Dark	38.000	50	13Alp Ari	2.0070	4250.0	76	38359	No
182	GOM_NL__2PRFIN20090701_215829_000000482080_00230_38360_7223.N1	01-JUL-2009 21:58:29	Dark	48.000	84	Alp Phe	2.3970	4500.0	96	38360	No
183	GOM_NL__2PRFIN20090701_220457_000000502080_00230_38360_7224.N1	01-JUL-2009 22:04:57	Straylight	50.000	63	Bet Gru	2.1500	2800.0	100	38360	No
184	GOM_NL__2PRFIN20090701_220652_000000502080_00230_38360_7225.N1	01-JUL-2009 22:06:52	Straylight	49.500	31	Alp Gru	1.7340	15200.	99	38360	No
185	GOM_NL__2PRFIN20090701_220948_000000562080_00230_38360_7226.N1	01-JUL-2009 22:09:48	Straylight	55.500	172	Gam Gru	3.0030	13100.	111	38360	No
186	GOM_NL__2PRFIN20090701_222121_000000422080_00230_38360_7227.N1	01-JUL-2009 22:21:21	Bright	41.500	155	41Pi Sgr	2.9000	6600.0	83	38360	No
187	GOM_NL__2PRFIN20090701_223342_000000492080_00230_38360_7228.N1	01-JUL-2009 22:33:42	Bright	48.500	168	17Zet Aql	2.9860	11000.	97	38360	No
188	GOM_NL__2PRFIN20090701_224043_000000442080_00230_38360_7229.N1	01-JUL-2009 22:40:43	Bright	44.000	5	3Alp Lyr	0.033000	11000.	88	38360	No
189	GOM_NL__2PRFIN20090701_224509_000000482080_00230_38360_7230.N1	01-JUL-2009 22:45:09	Bright	48.000	144	18Del Cyg	2.8600	11000.	96	38360	No
190	GOM_NL__2PRFIN20090701_225212_000000422080_00230_38360_7231.N1	01-JUL-2009 22:52:12	Bright	42.000	89	5Alp Cep	2.4510	8000.0	84	38360	No
191	GOM_NL__2PRFIN20090701_225935_000000412080_00230_38360_7232.N1	01-JUL-2009 22:59:35	Bright	41.000	74	11Bet Cas	2.2680	6600.0	82	38360	No
192	GOM_NL__2PRFIN20090701_230111_000000362080_00230_38360_7233.N1	01-JUL-2009 23:01:11	Bright	35.500	110	37Del Cas	2.6780	8900.0	71	38360	No
193	GOM_NL__2PRFIN20090701_230743_000000362080_00230_38360_7234.N1	01-JUL-2009 23:07:43	Bright	36.000	73	57Gam1And	2.2600	13100.	72	38360	No
194	GOM_NL__2PRFIN20090701_231023_000000372080_00230_38360_7235.N1	01-JUL-2009 23:10:23	Tw_i_and_stray	36.500	173	4Bet Tri	3.0040	8900.0	73	38360	No
195	GOM_NL__2PRFIN20090701_231441_000000392080_00230_38360_7236.N1	01-JUL-2009 23:14:41	Dark	39.000	50	13Alp Ari	2.0070	4250.0	78	38360	No
196	GOM_NL__2PRFIN20090701_233906_000000492080_00231_38361_7243.N1	01-JUL-2009 23:39:06	Dark	48.500	84	Alp Phe	2.3970	4500.0	97	38361	No
197	GOM_NL__2PRFIN20090701_234534_000000522080_00231_38361_7244.N1	01-JUL-2009 23:45:34	Straylight	51.500	63	Bet Gru	2.1500	2800.0	103	38361	No
198	GOM_NL__2PRFIN20090701_234729_000000462080_00231_38361_7245.N1	01-JUL-2009 23:47:29	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	38361	No
199	GOM_NL__2PRFIN20090701_235025_000000542080_00231_38361_7246.N1	01-JUL-2009 23:50:25	Straylight	54.000	172	Gam Gru	3.0030	13100.	108	38361	No

3. Quality information per product

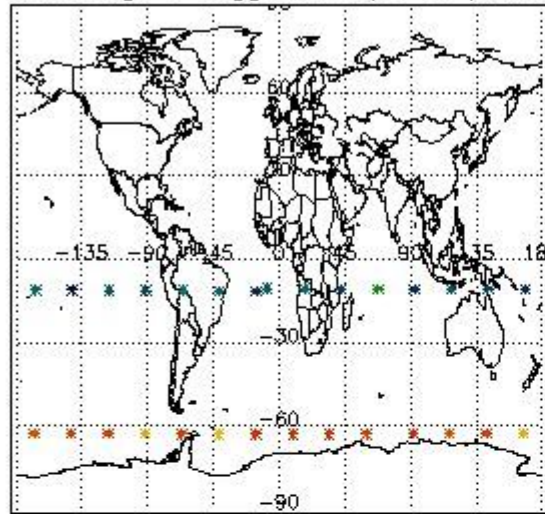
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

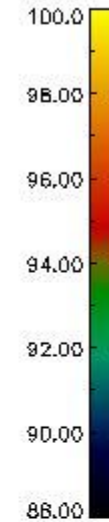
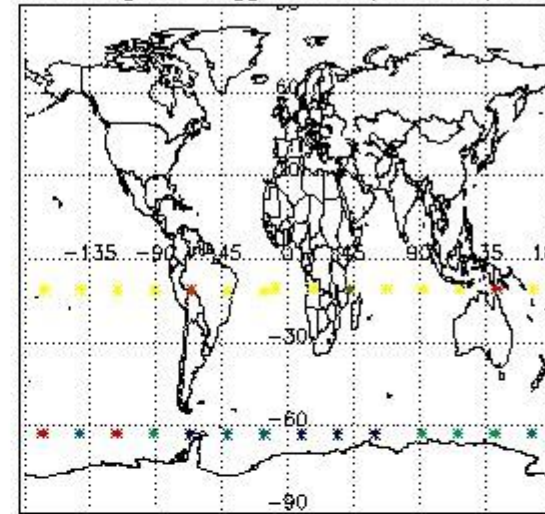


3.2 Plot quality information per product (world map)

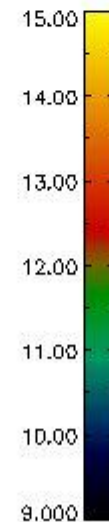
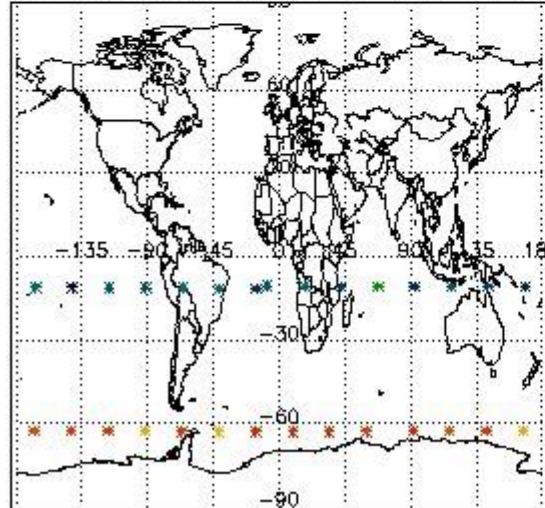
Percentage of flagged data per O3 profile



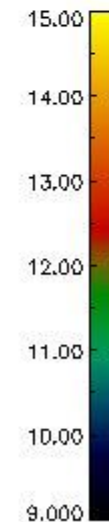
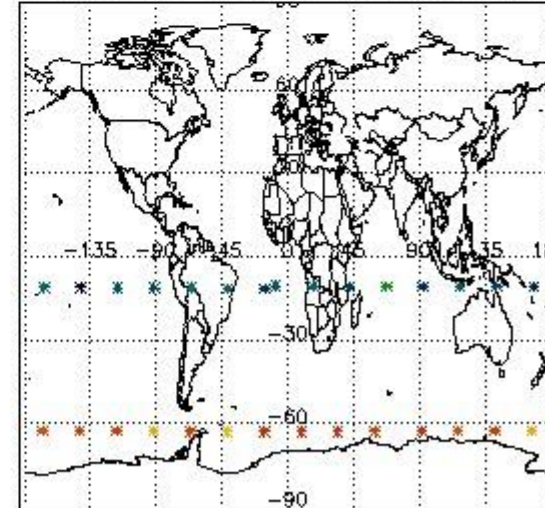
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

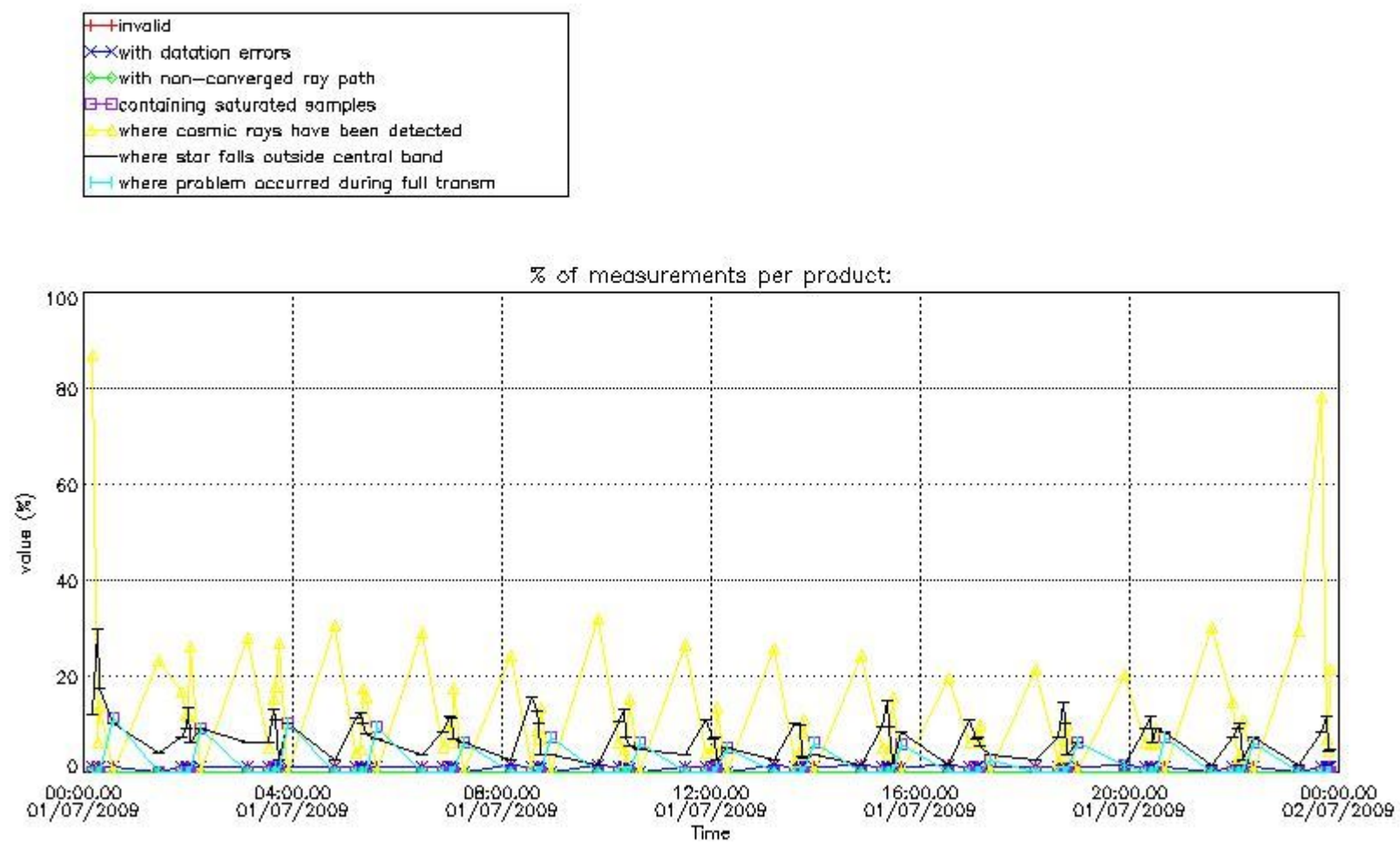


4. Level 1 quality information per product

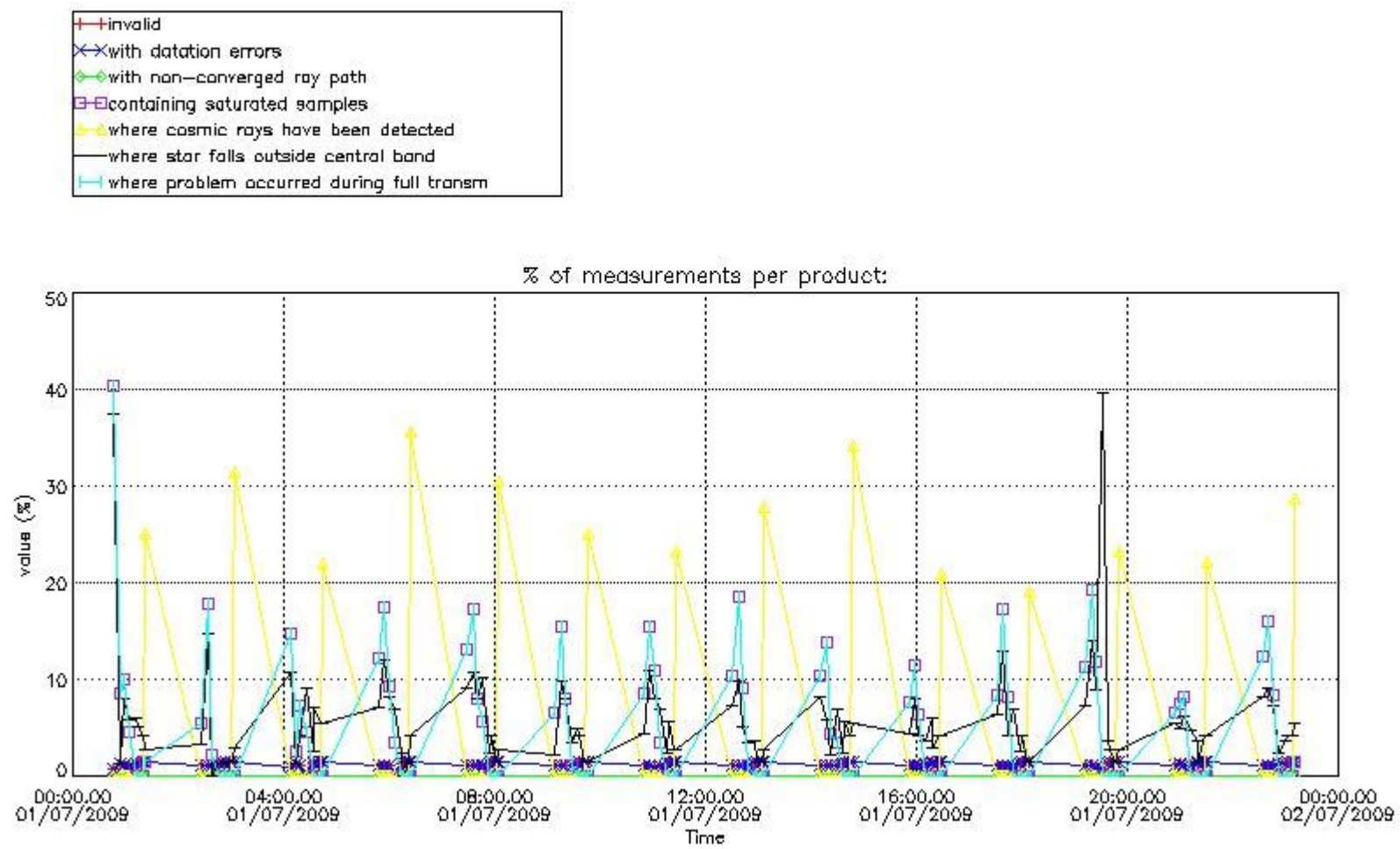
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

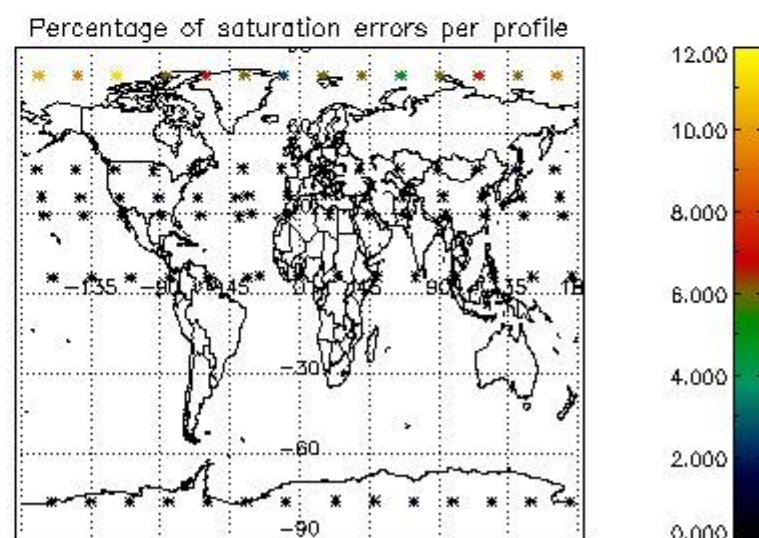
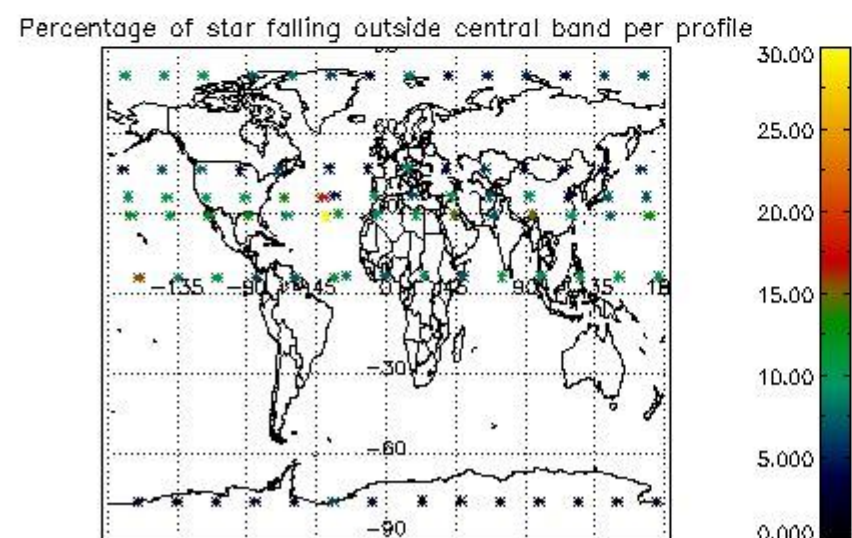
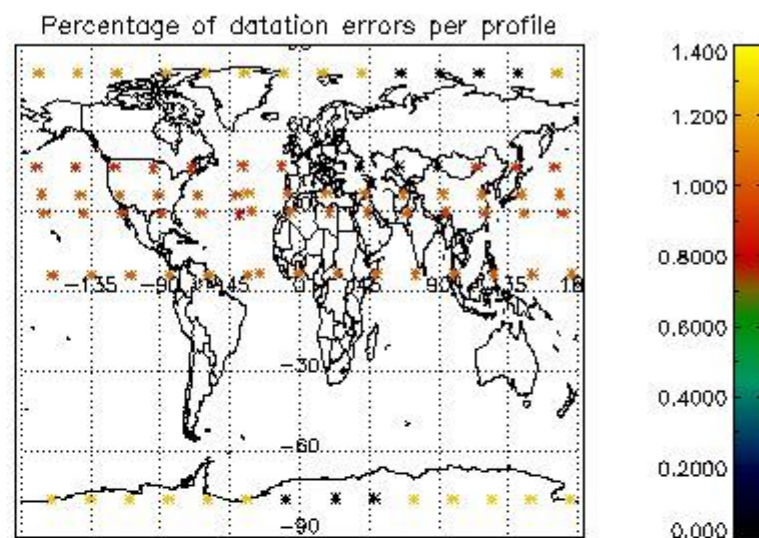
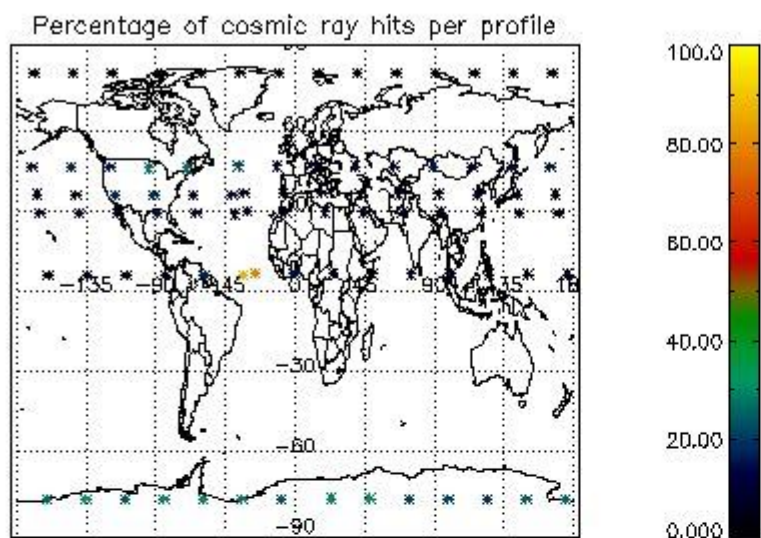


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

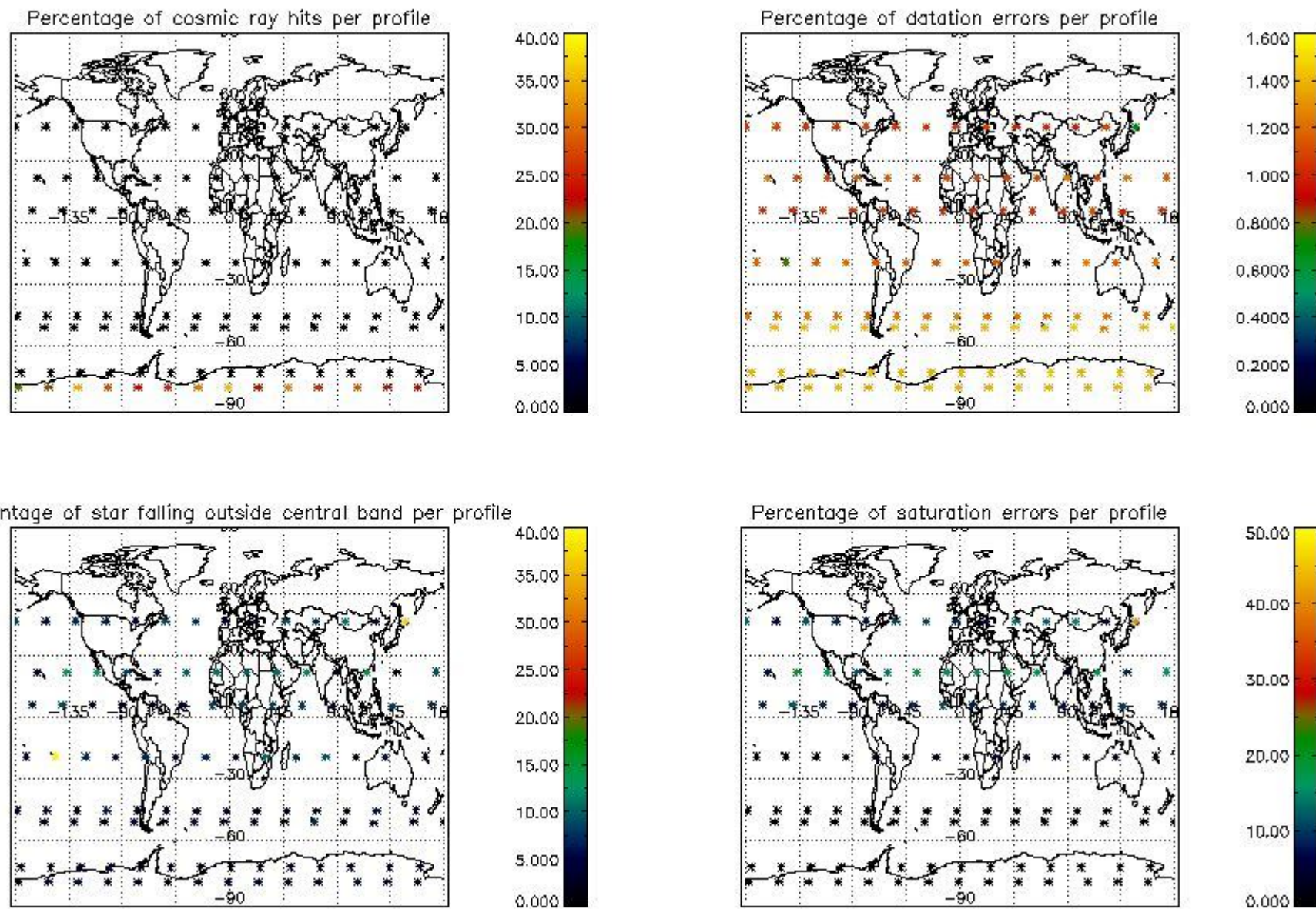


4.2 Plot quality information per product coming from level 1b processing (world map)

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

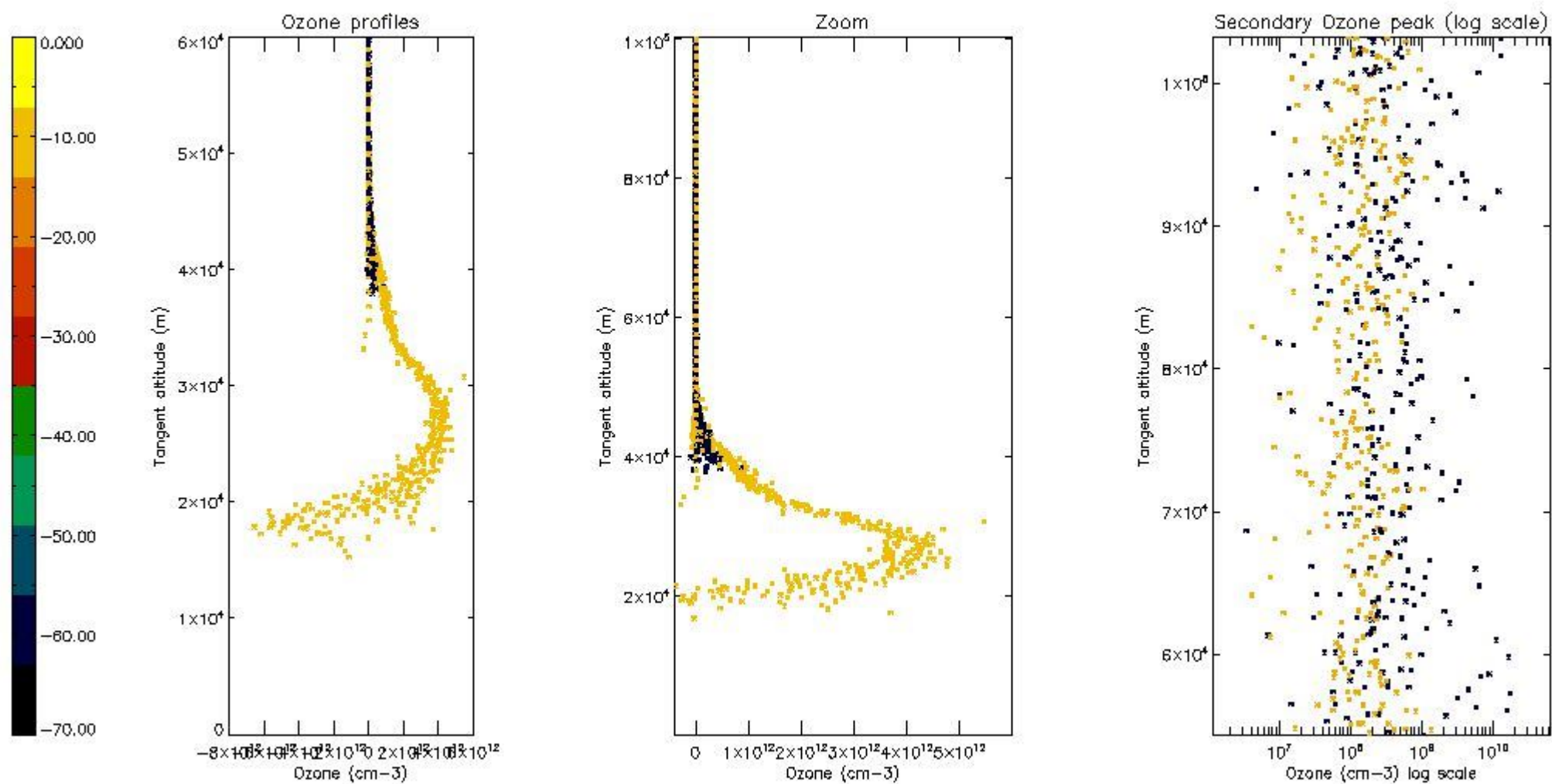
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	15
STD < 20	3

STD < 10	1
STD < 5	0

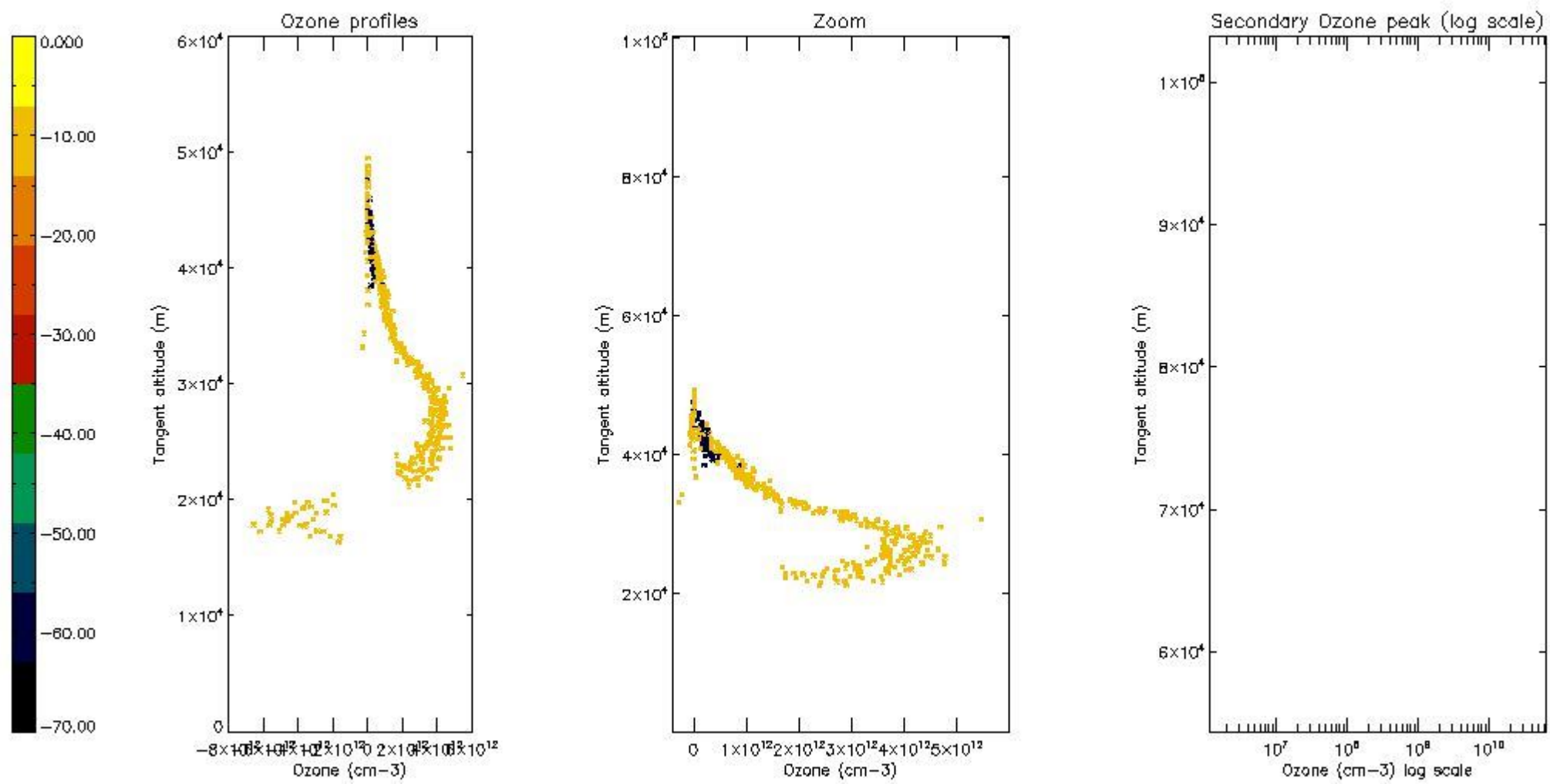
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



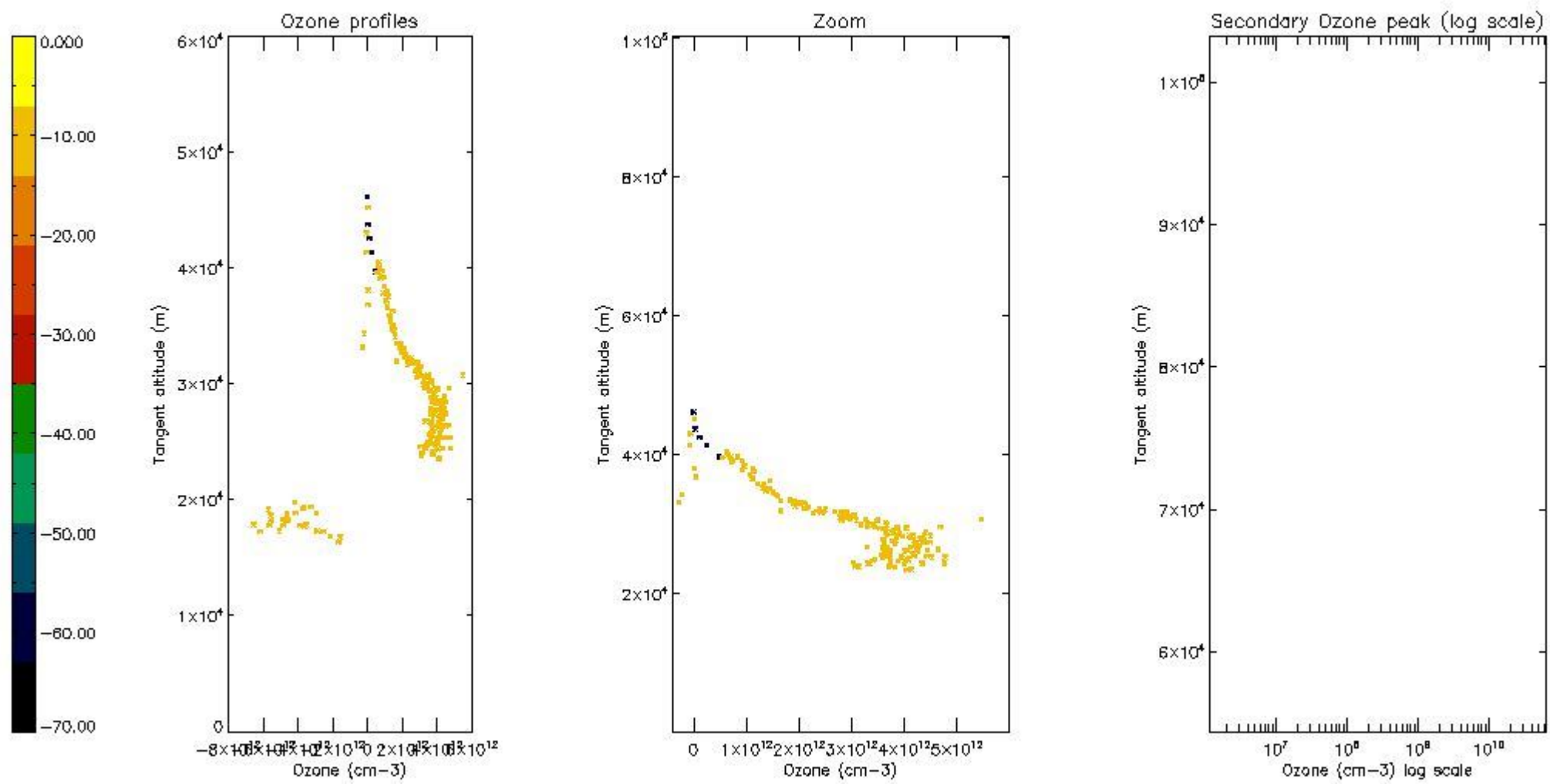
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



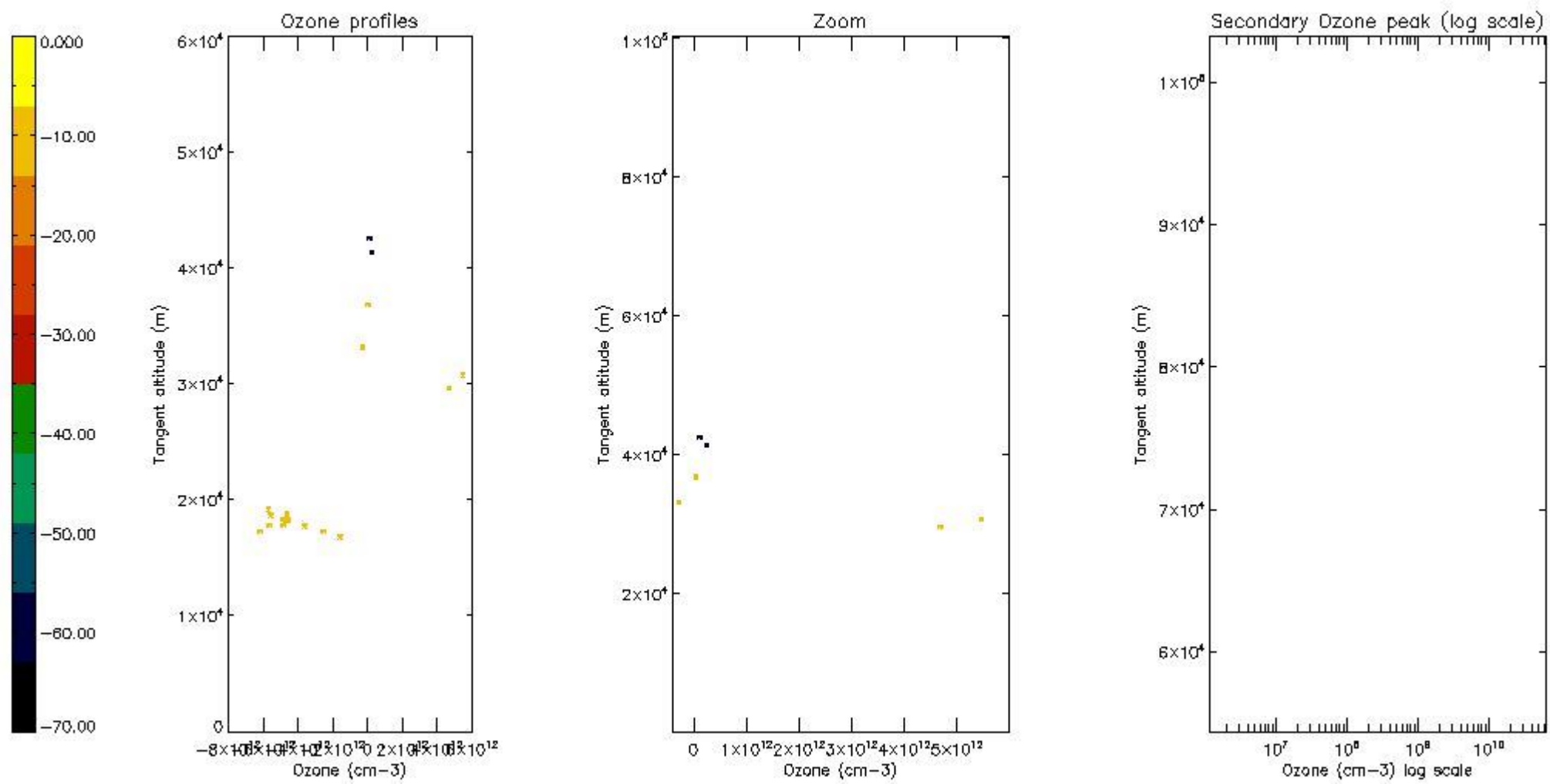
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



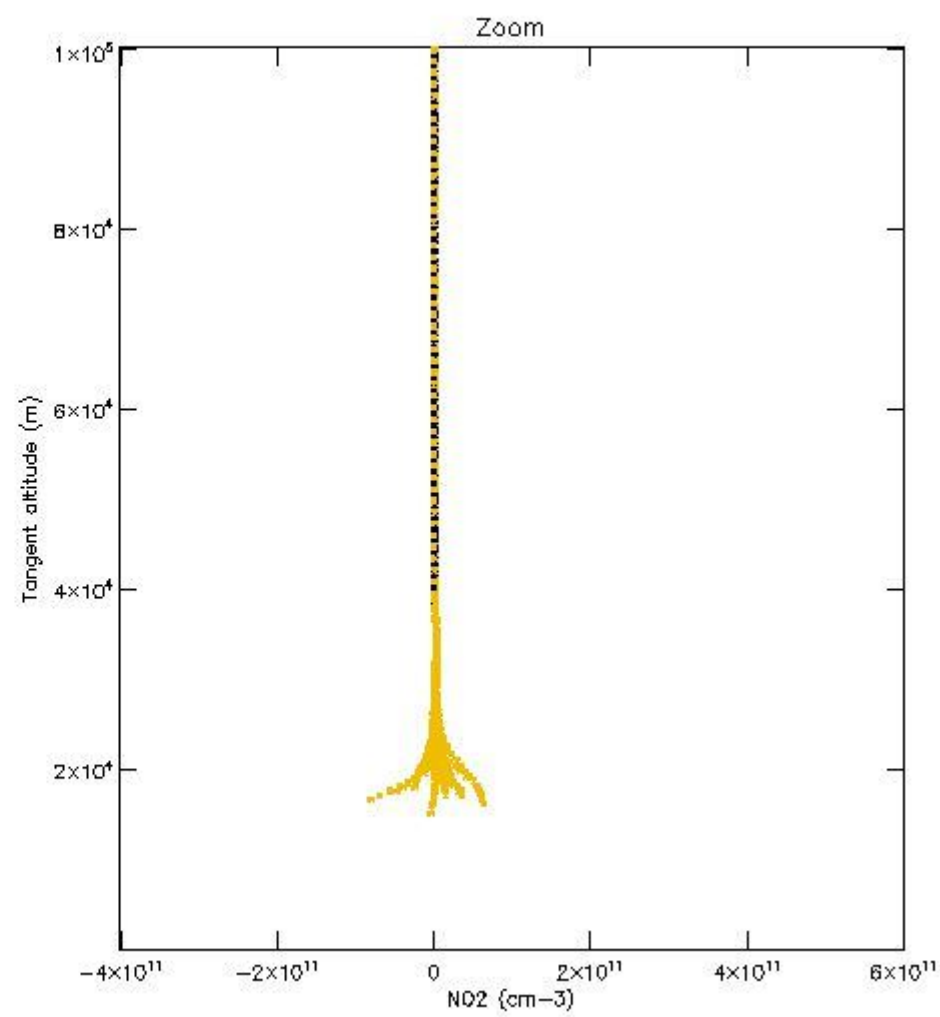
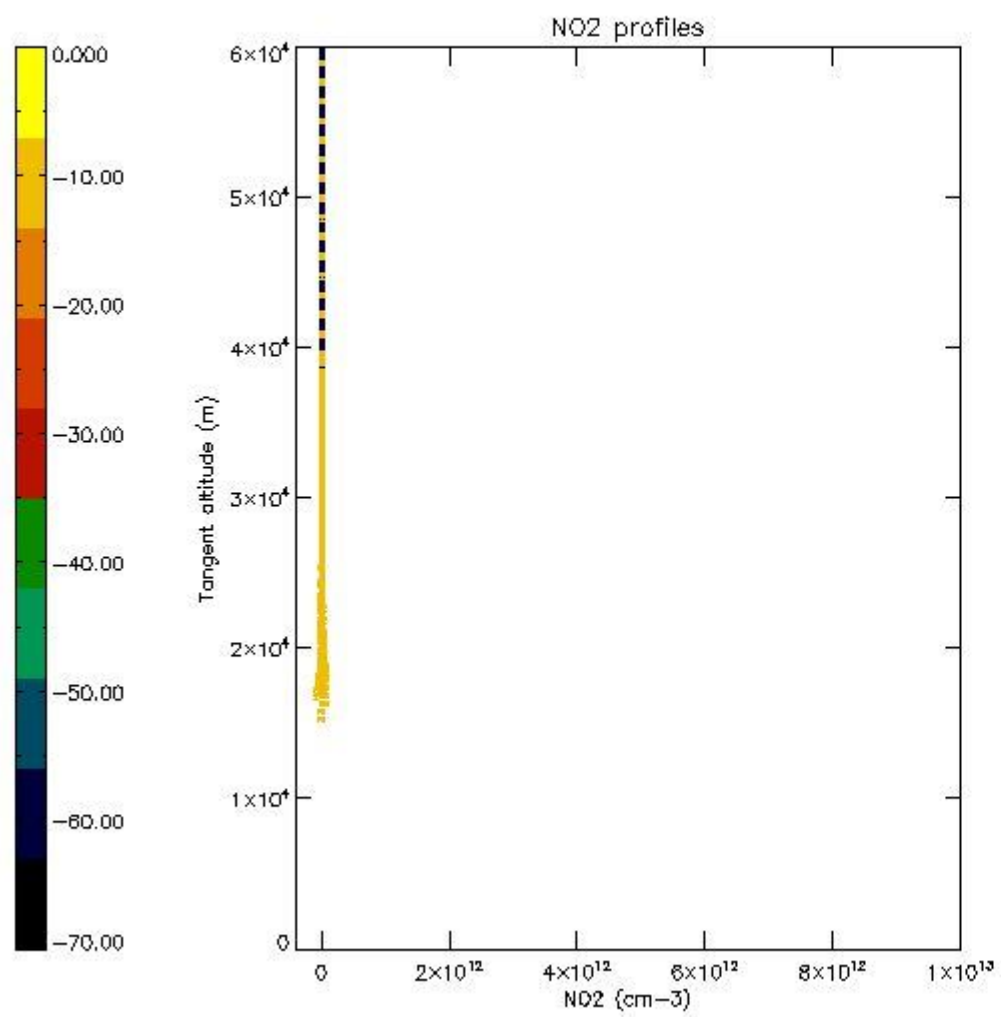
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



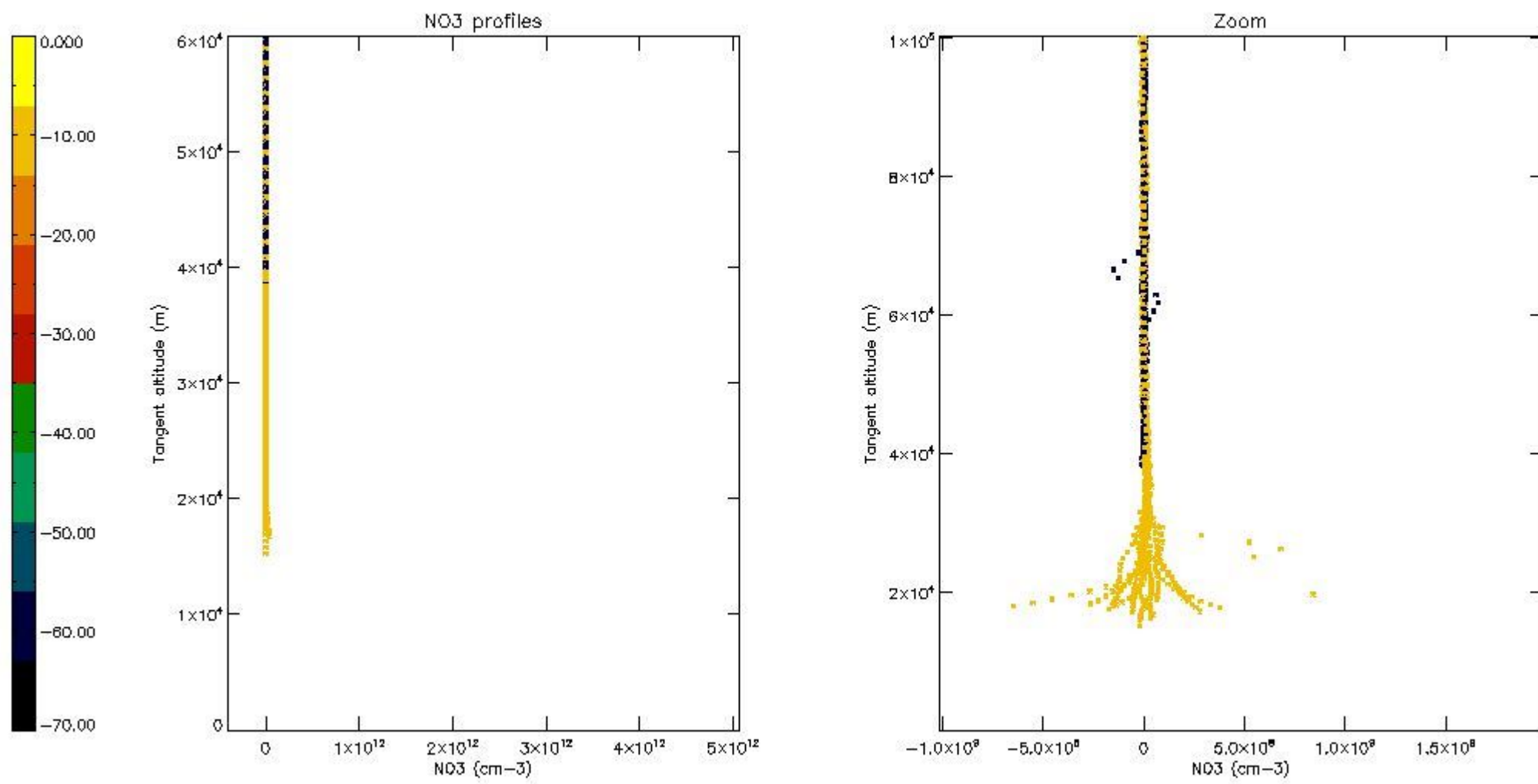
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



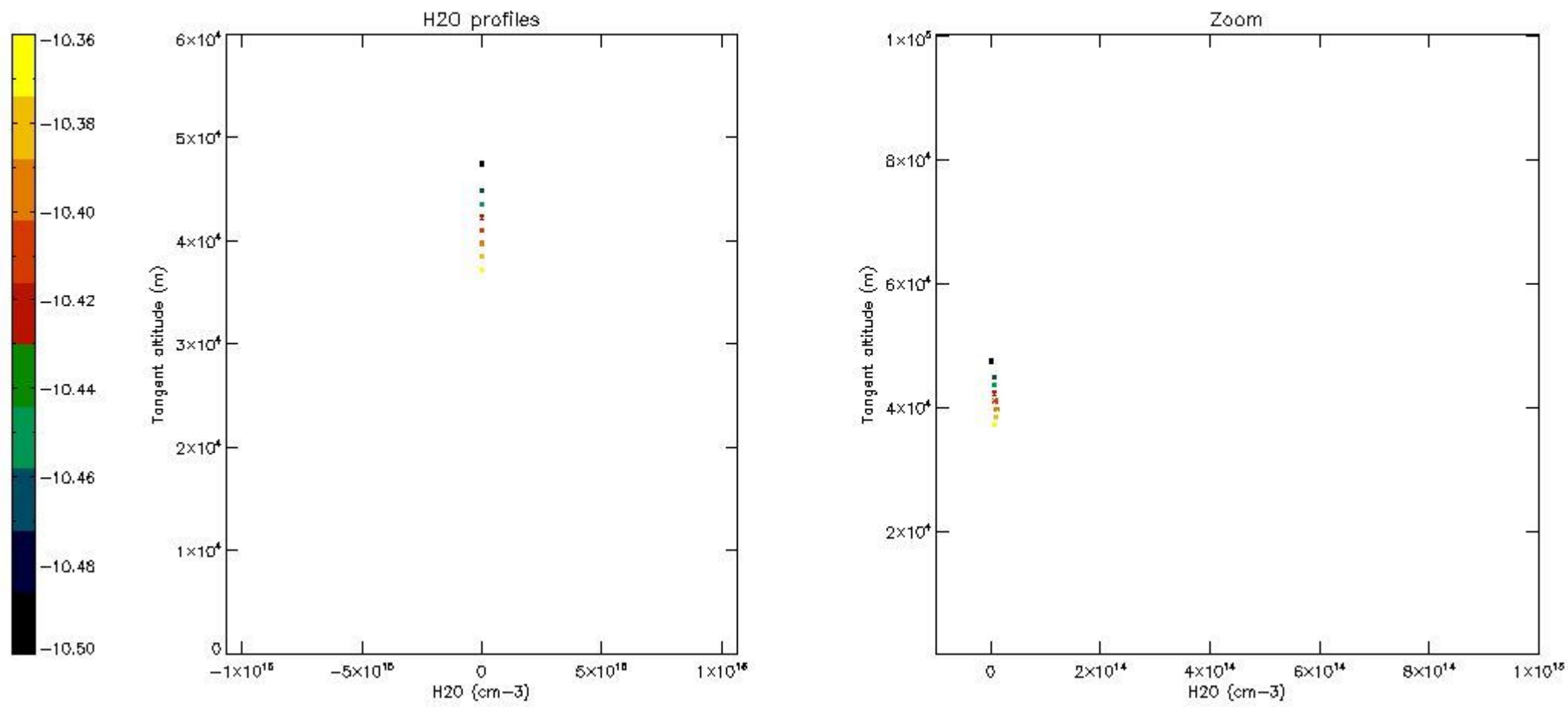
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

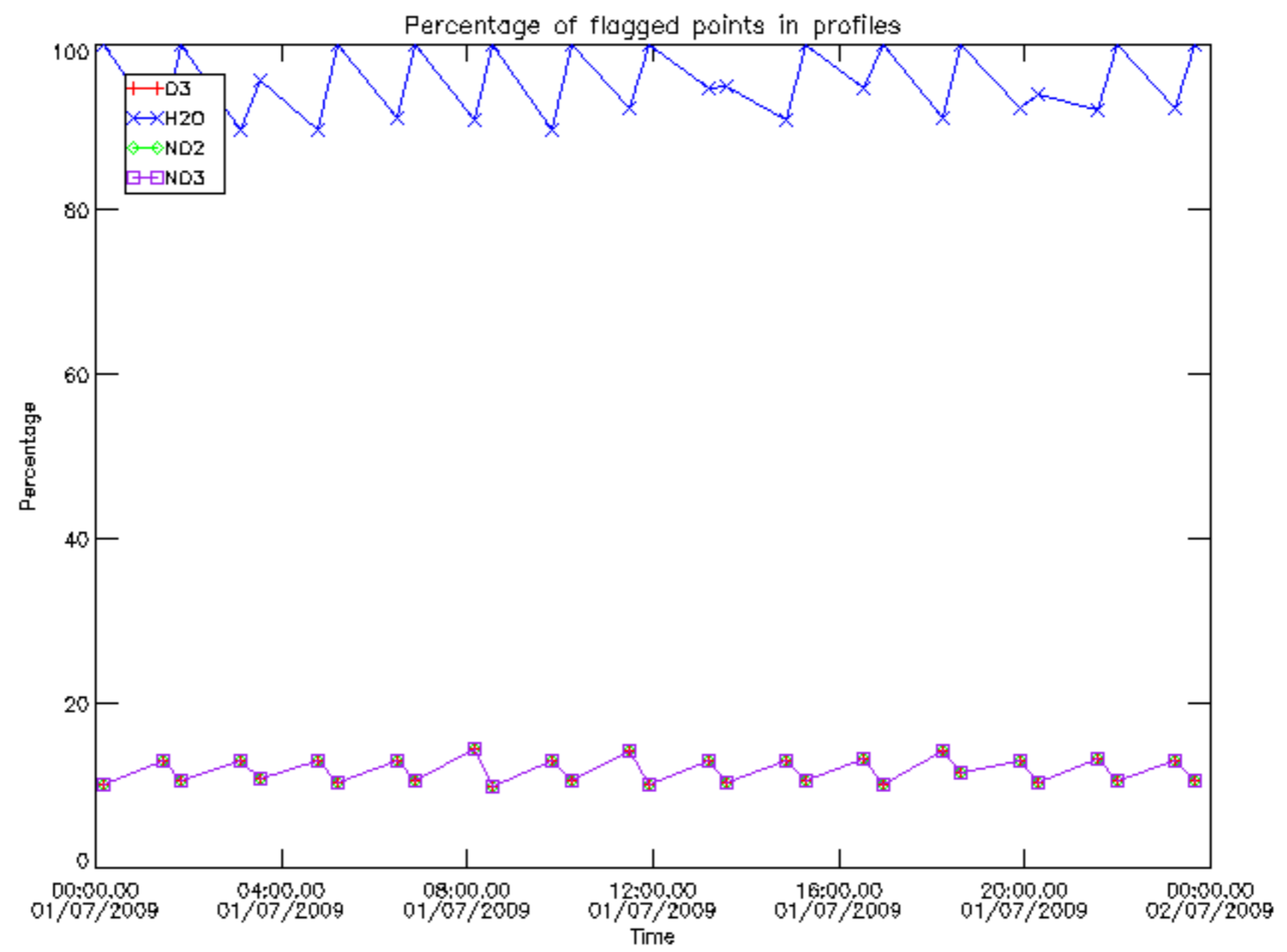
The colorbar represents the latitude.



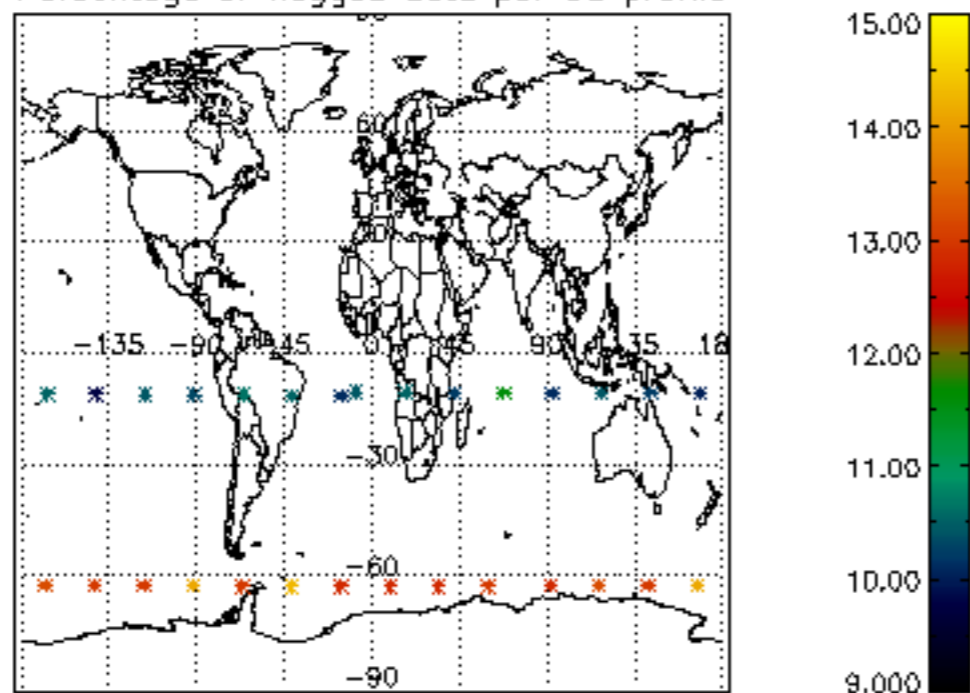
6. Auxiliary Data Files used for the production reported in section 2

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.

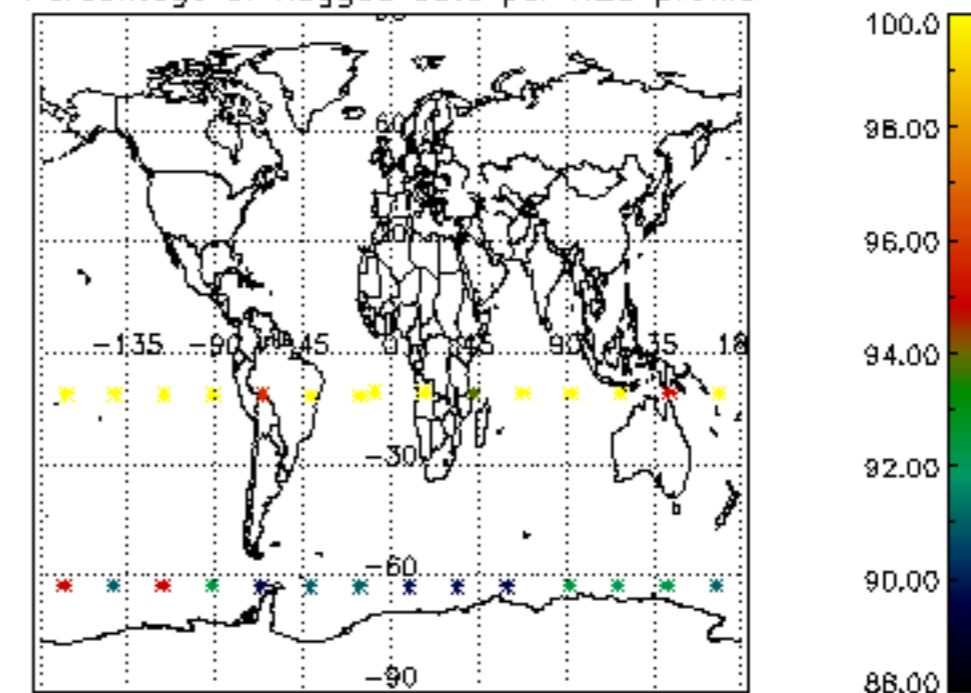
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	01-JUL-2009 00:10:28
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-JUL-2009 00:10:28
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-JUL-2009 00:10:28



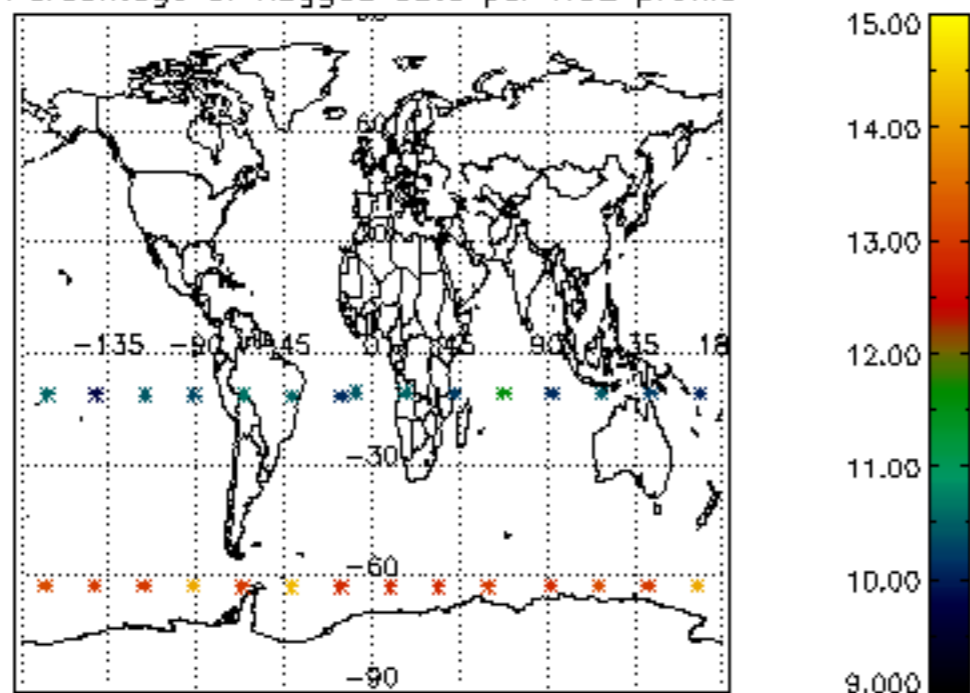
Percentage of flagged data per D3 profile



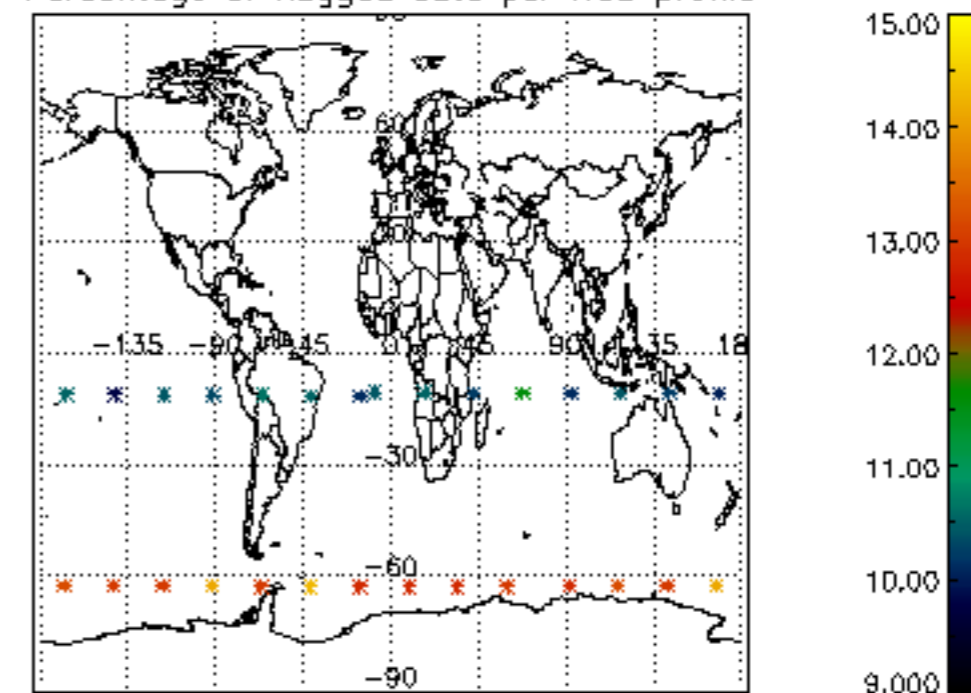
Percentage of flagged data per H2O profile

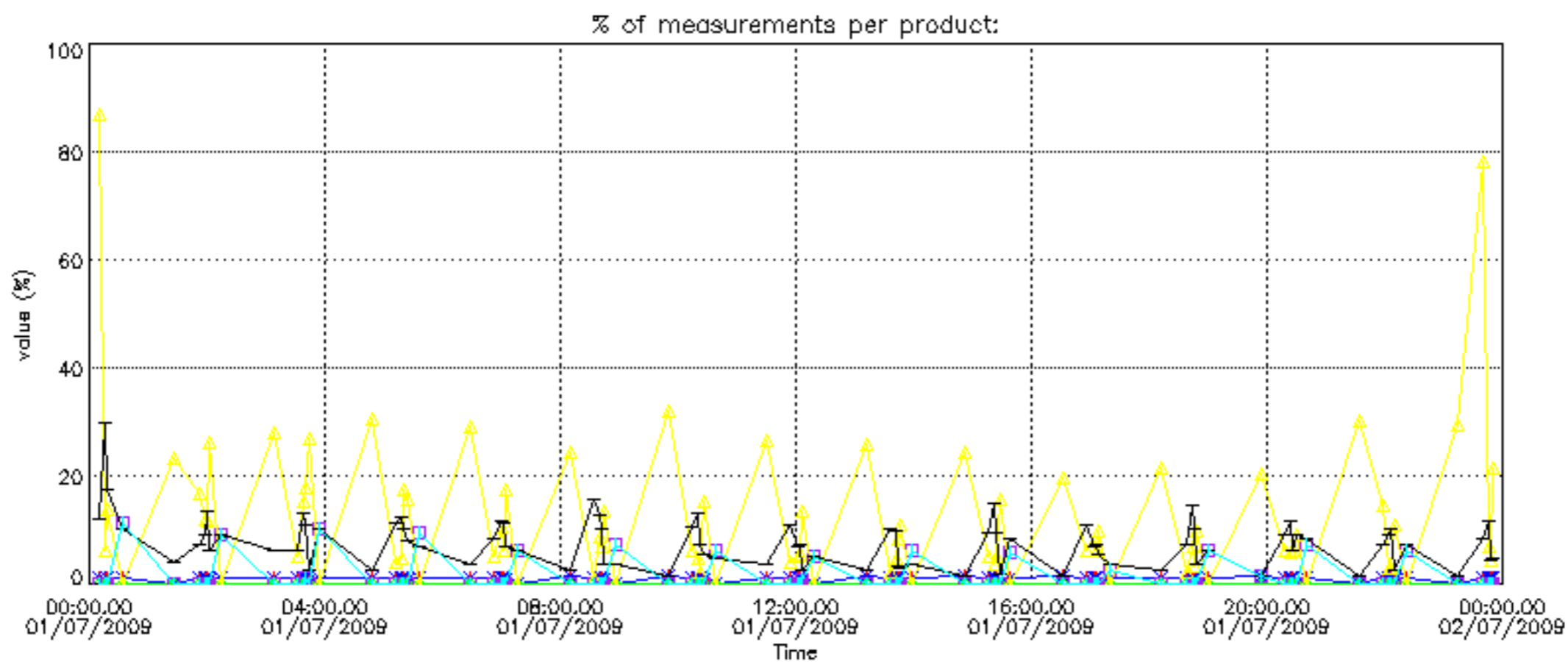


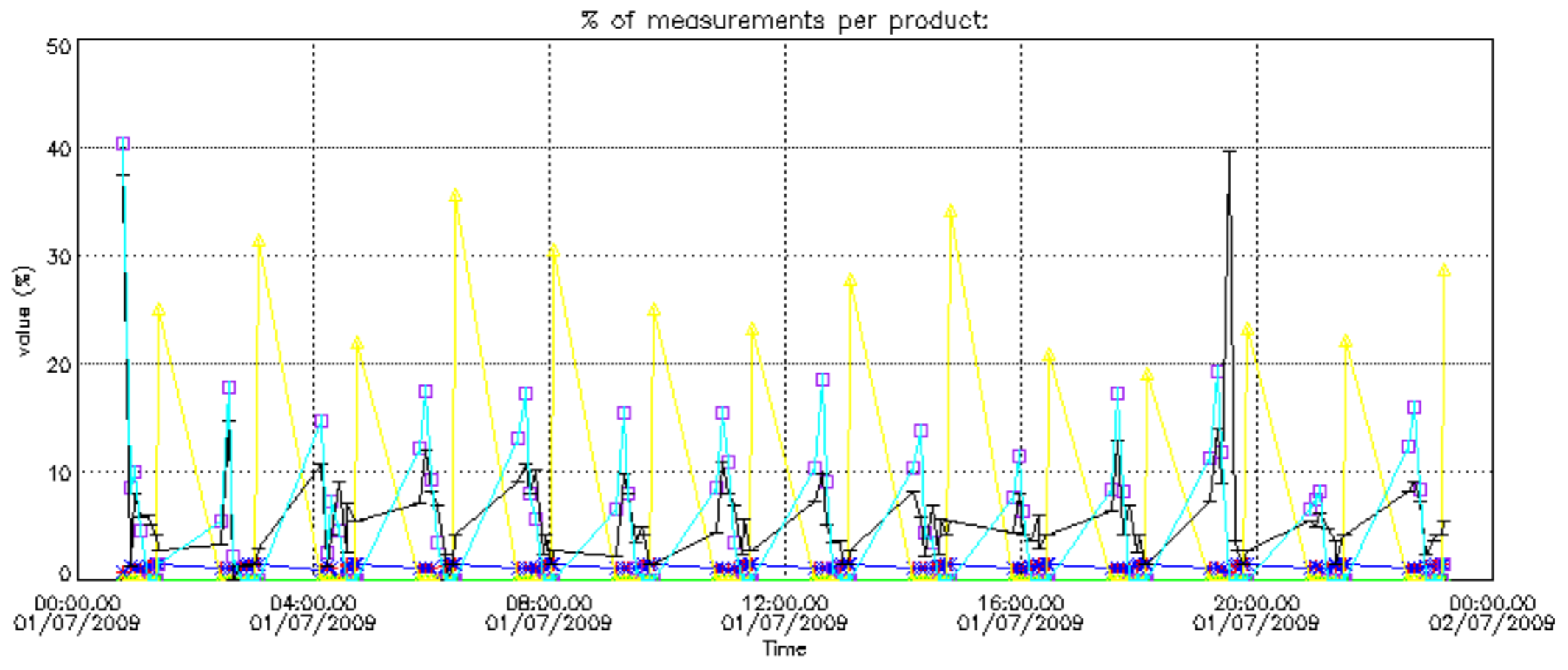
Percentage of flagged data per NO2 profile



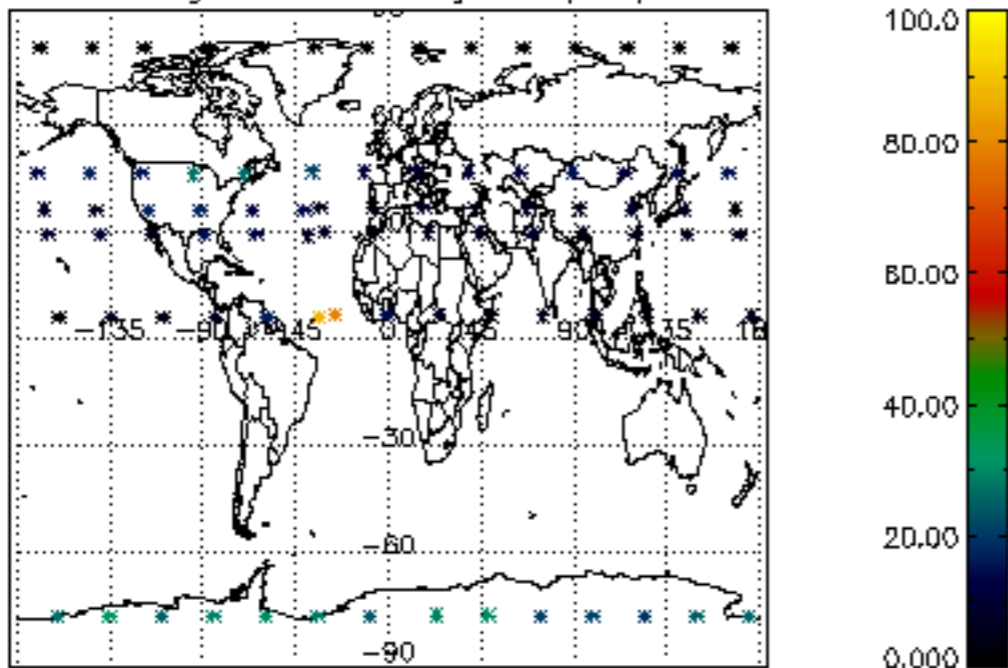
Percentage of flagged data per NO3 profile



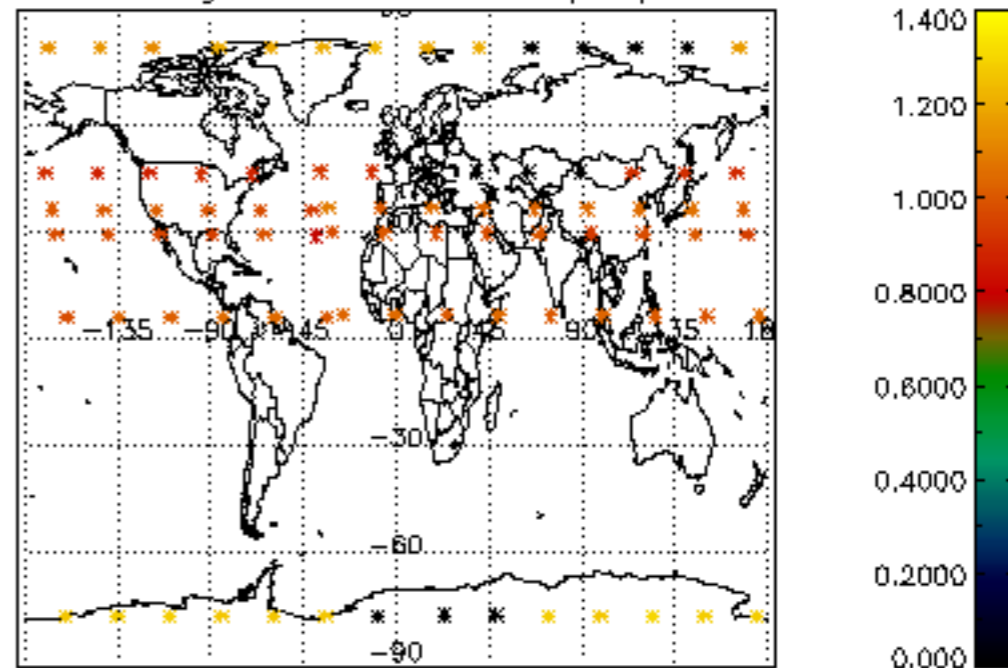




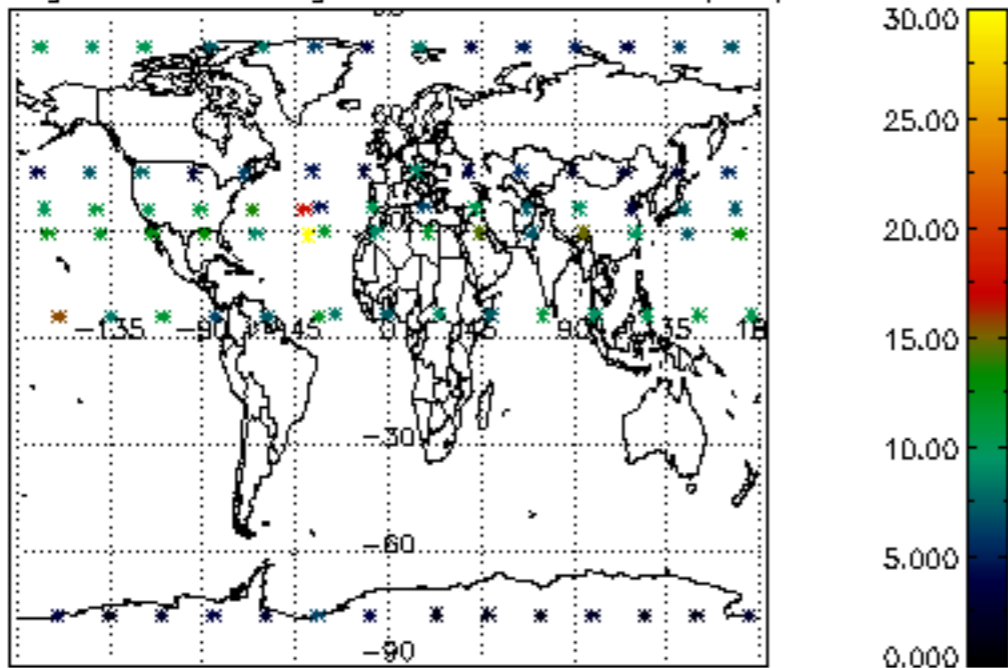
Percentage of cosmic ray hits per profile



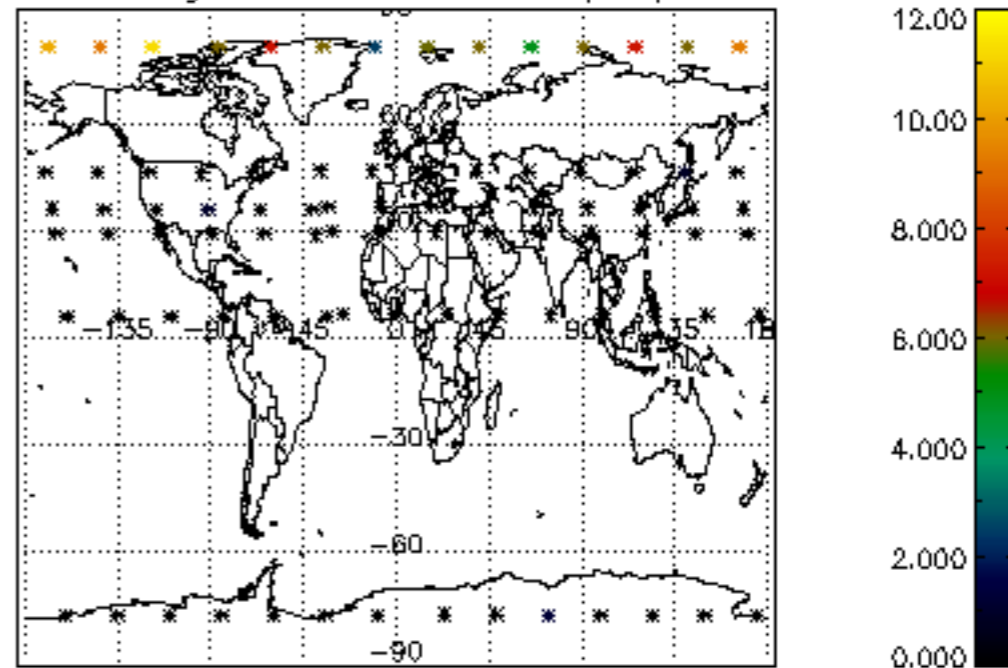
Percentage of datation errors per profile



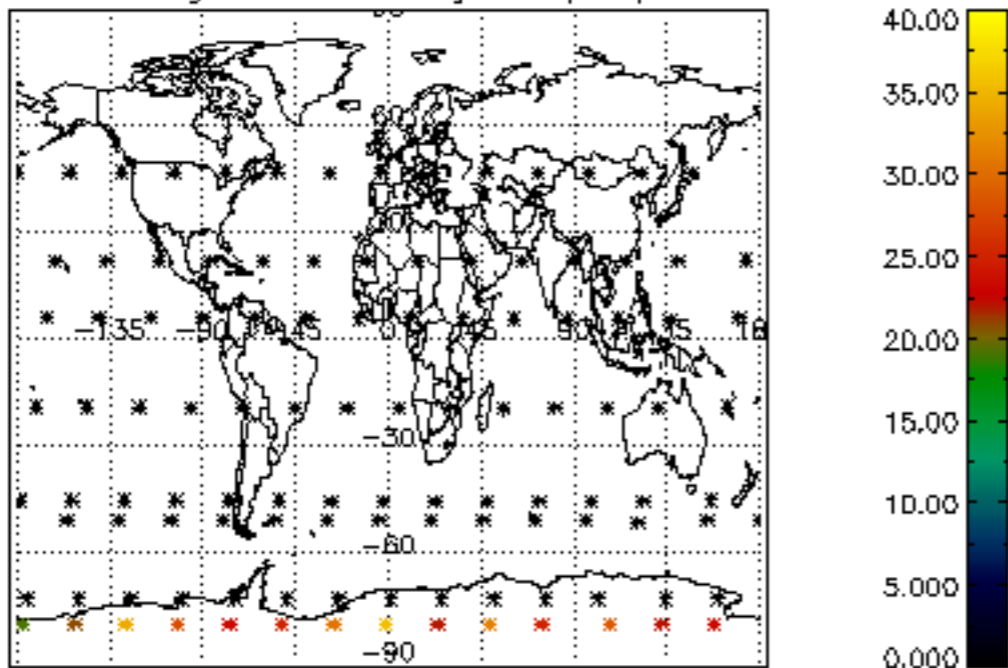
Percentage of star falling outside central band per profile



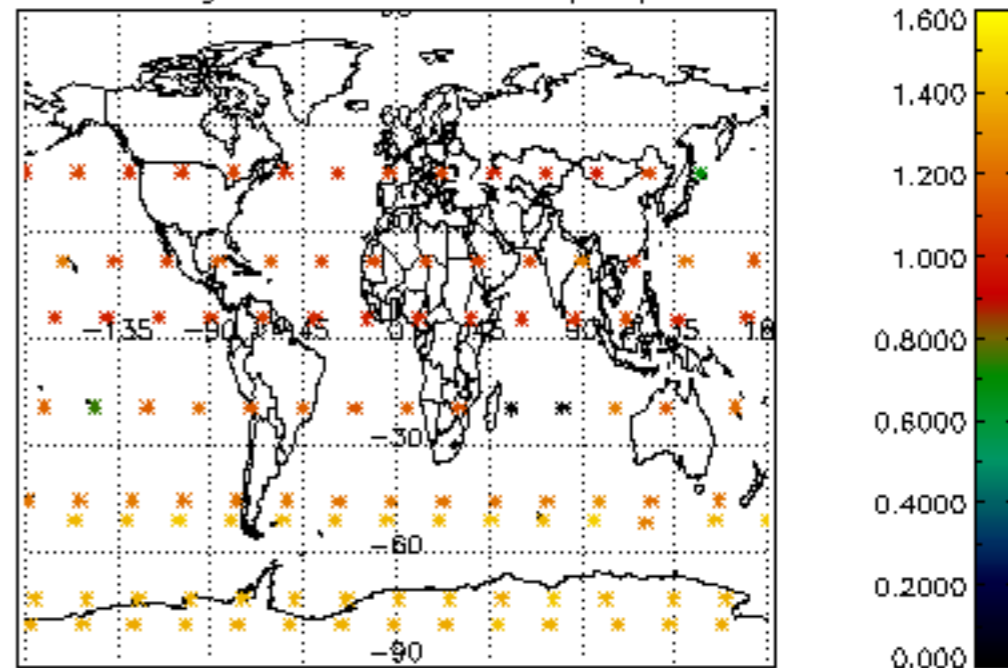
Percentage of saturation errors per profile



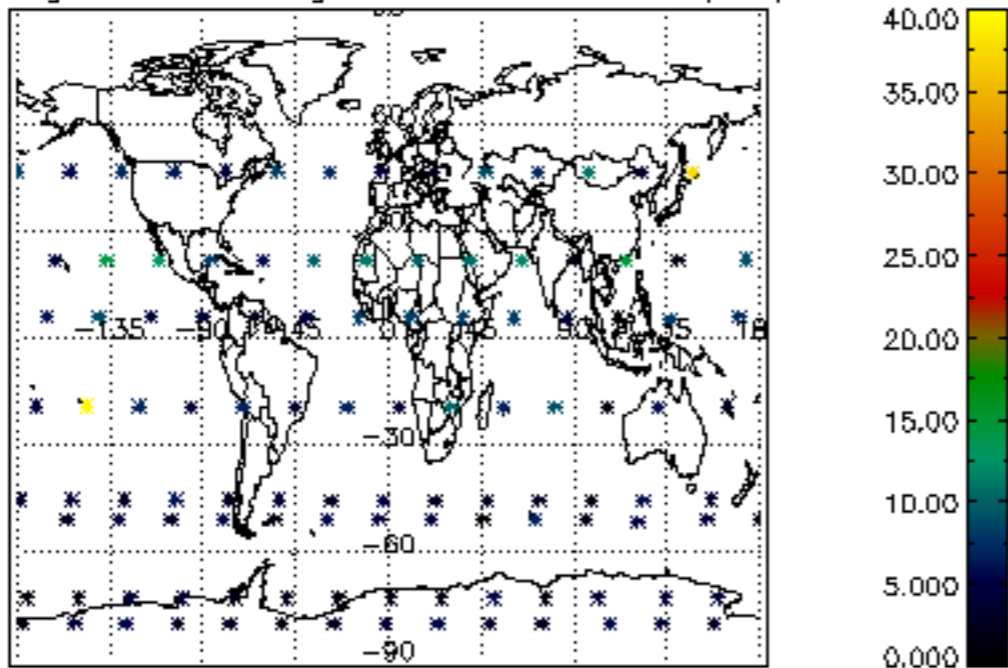
Percentage of cosmic ray hits per profile



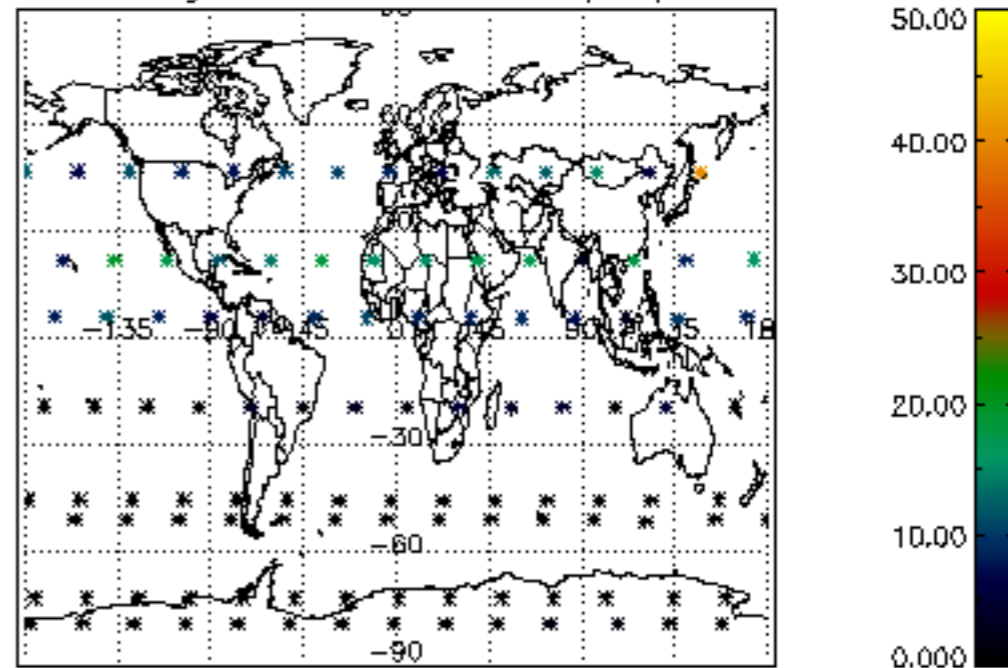
Percentage of datation errors per profile

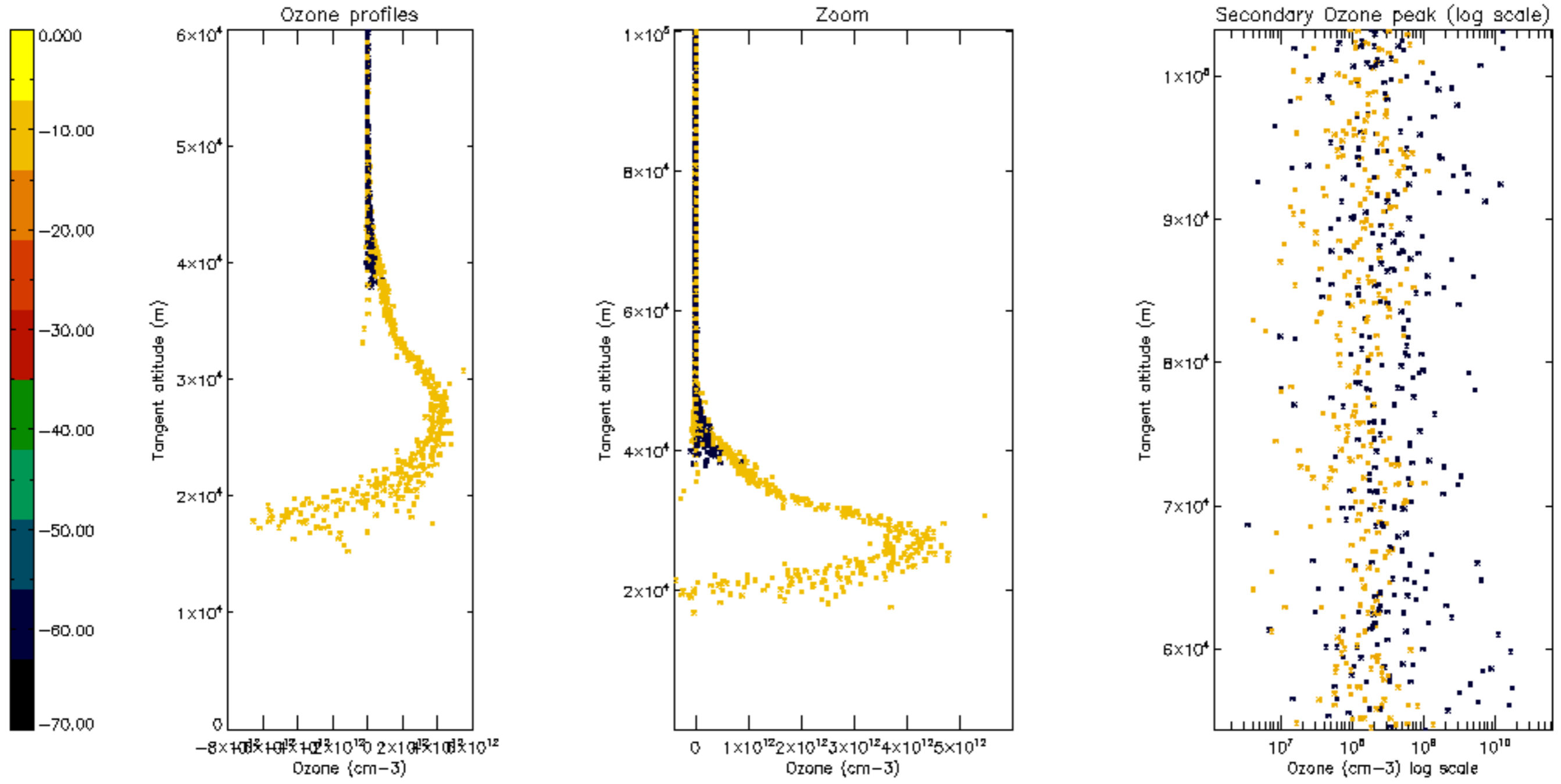


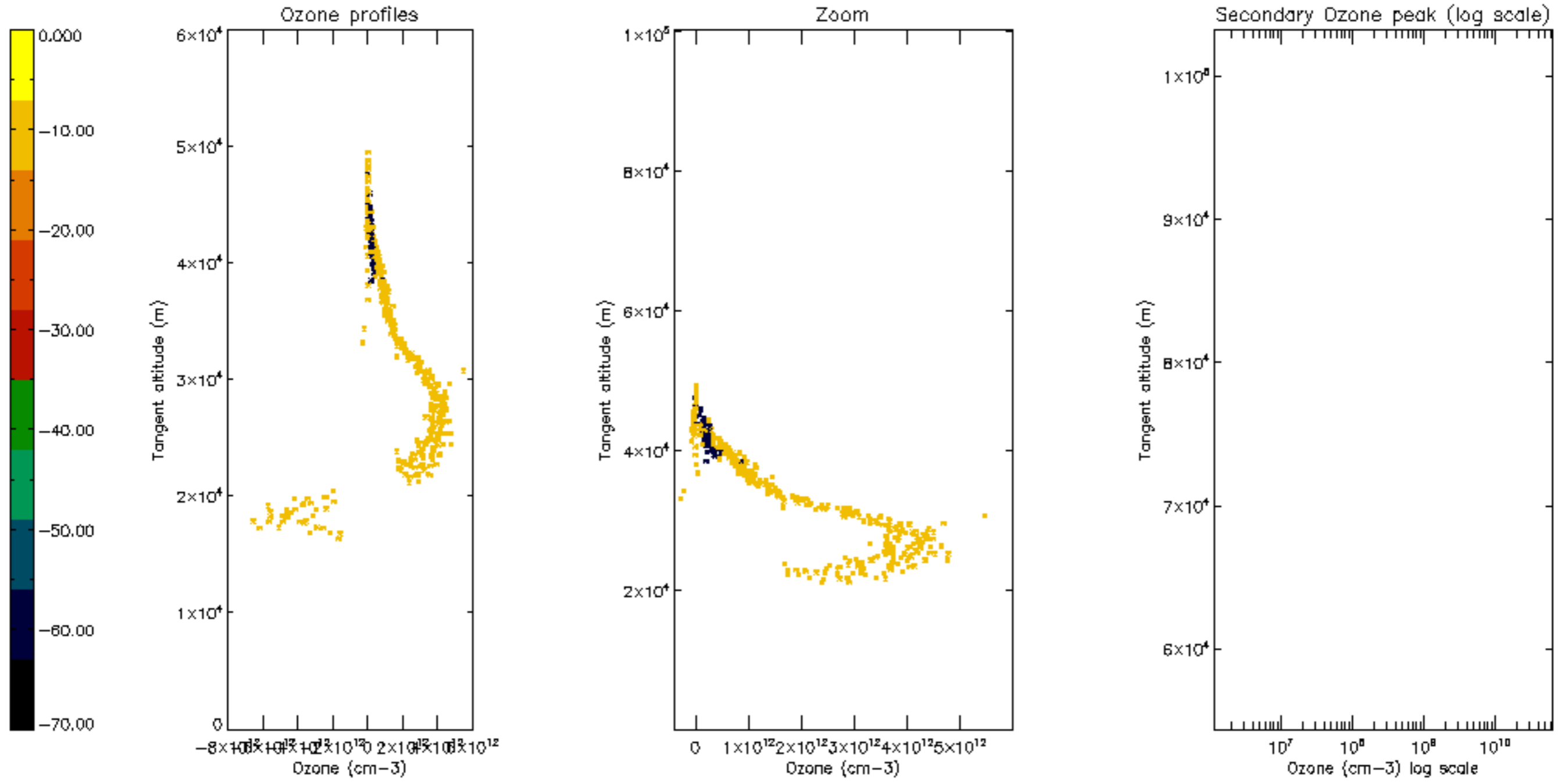
Percentage of star falling outside central band per profile

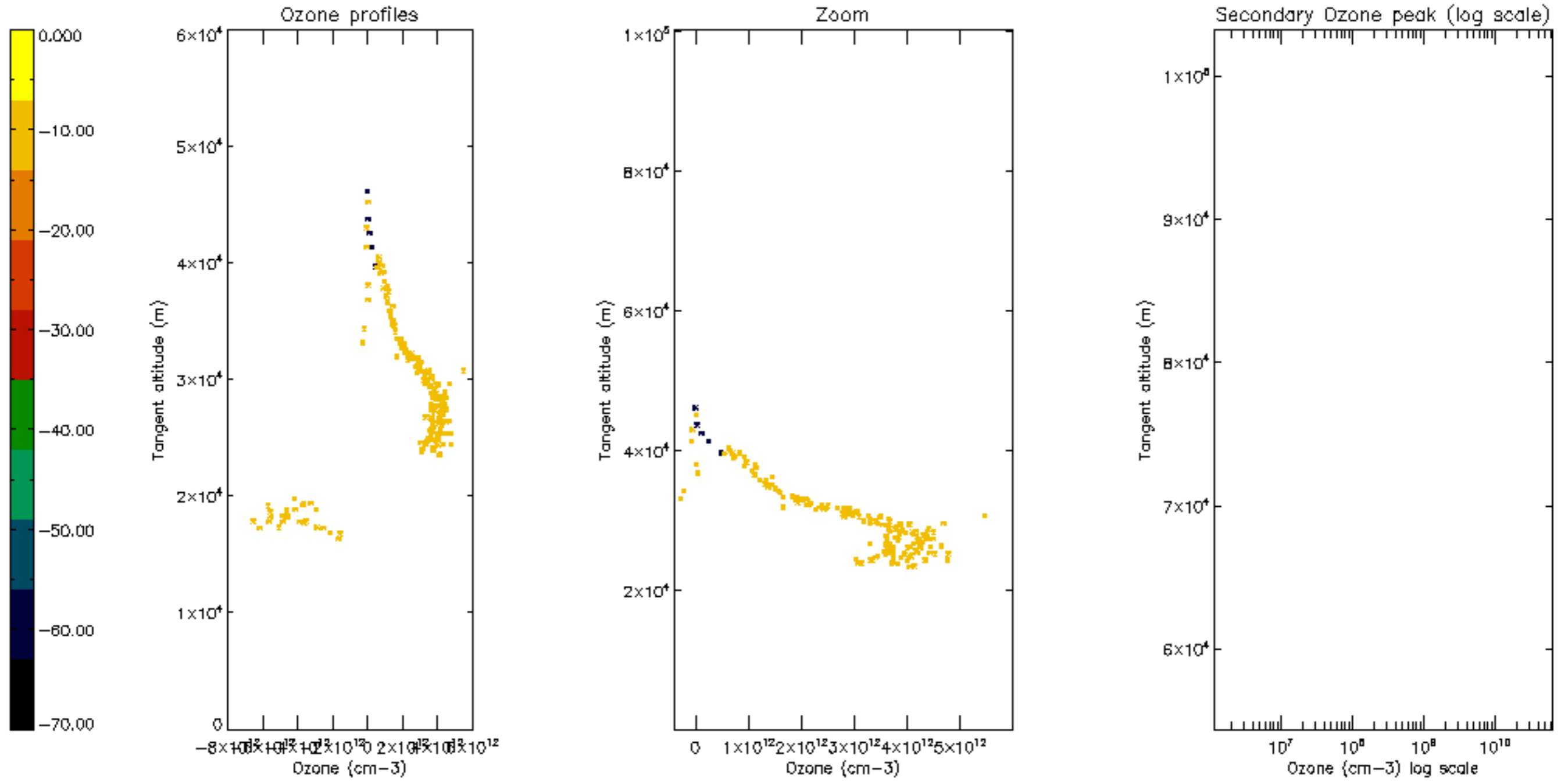


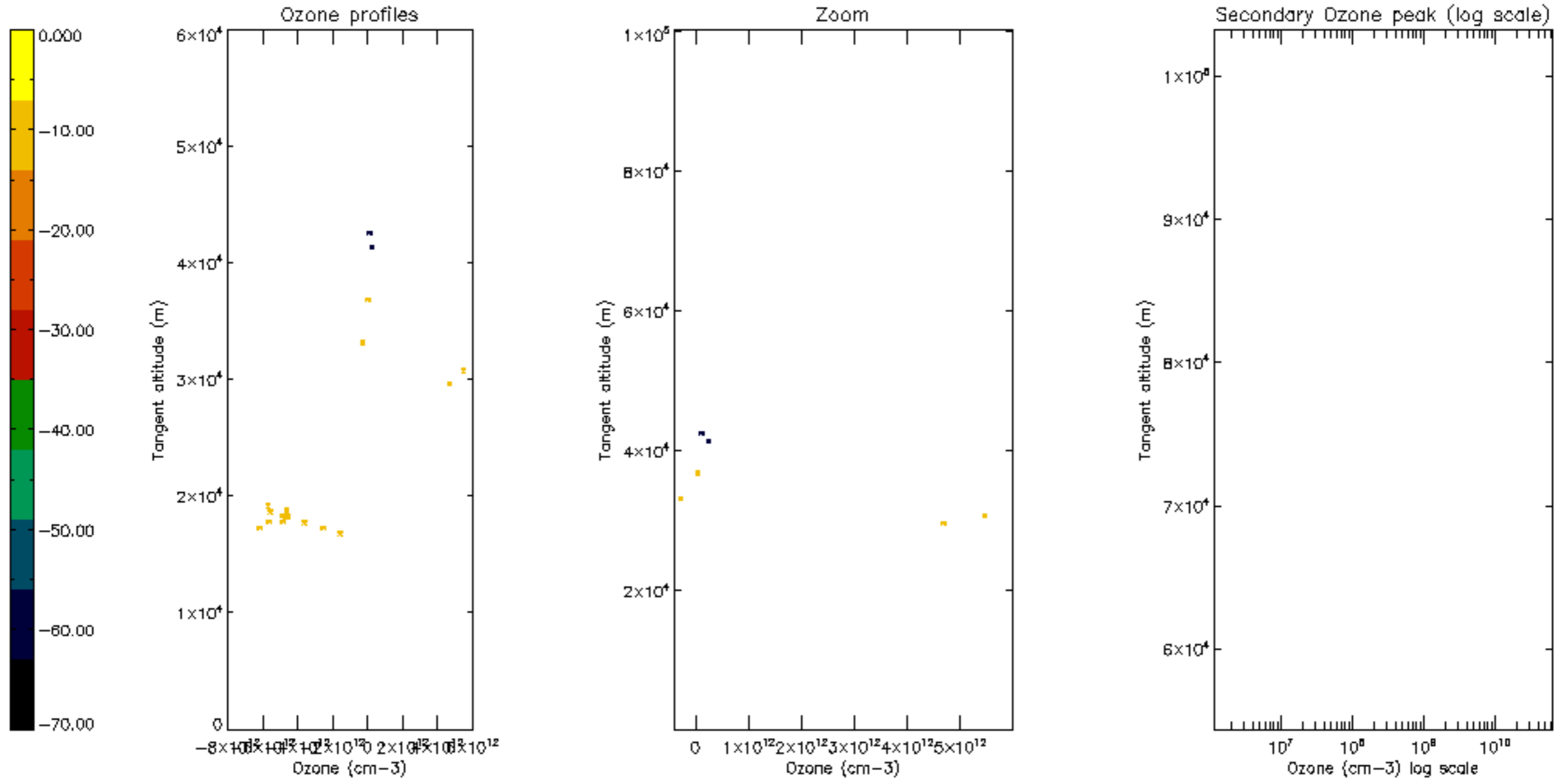
Percentage of saturation errors per profile

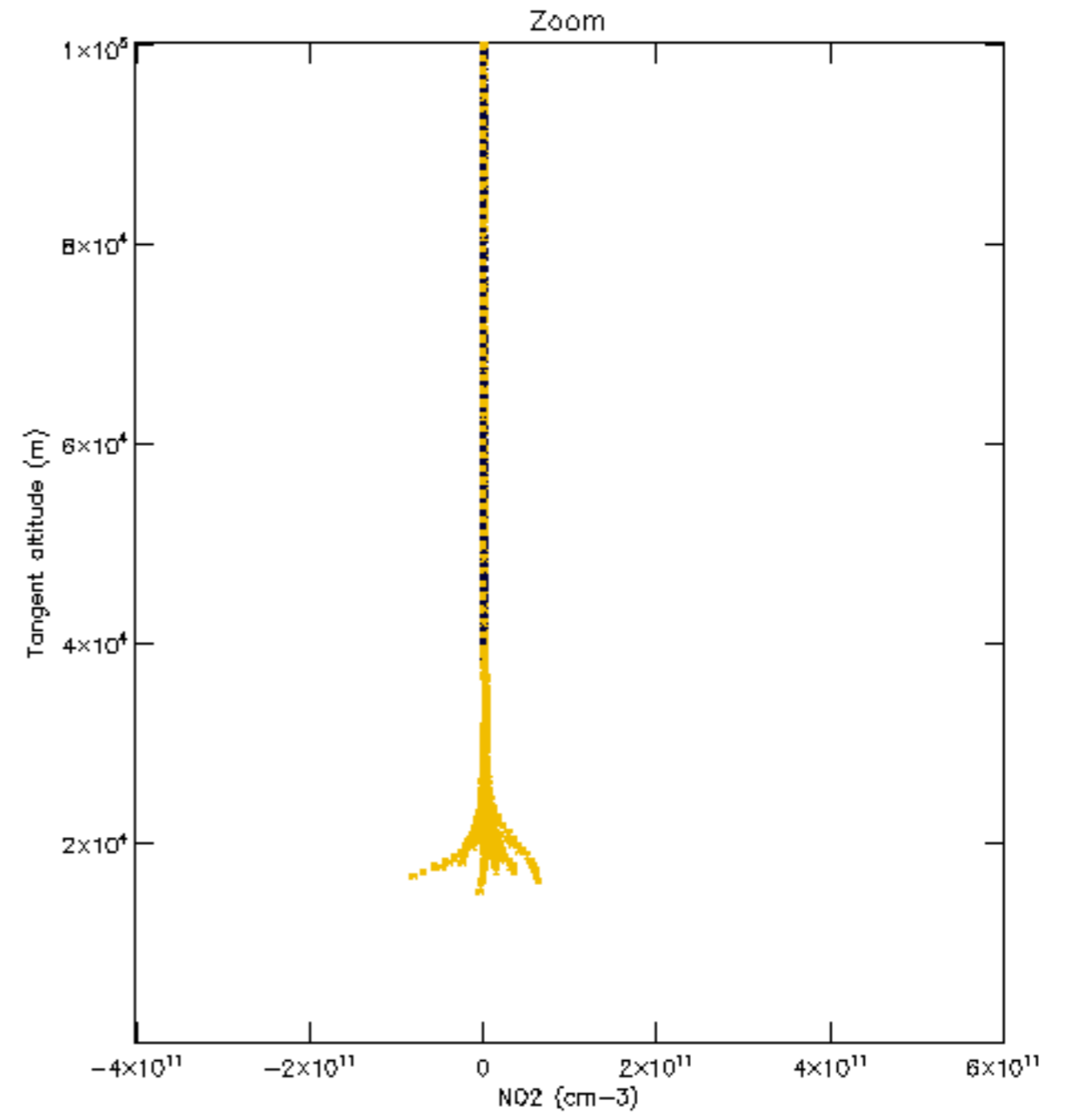
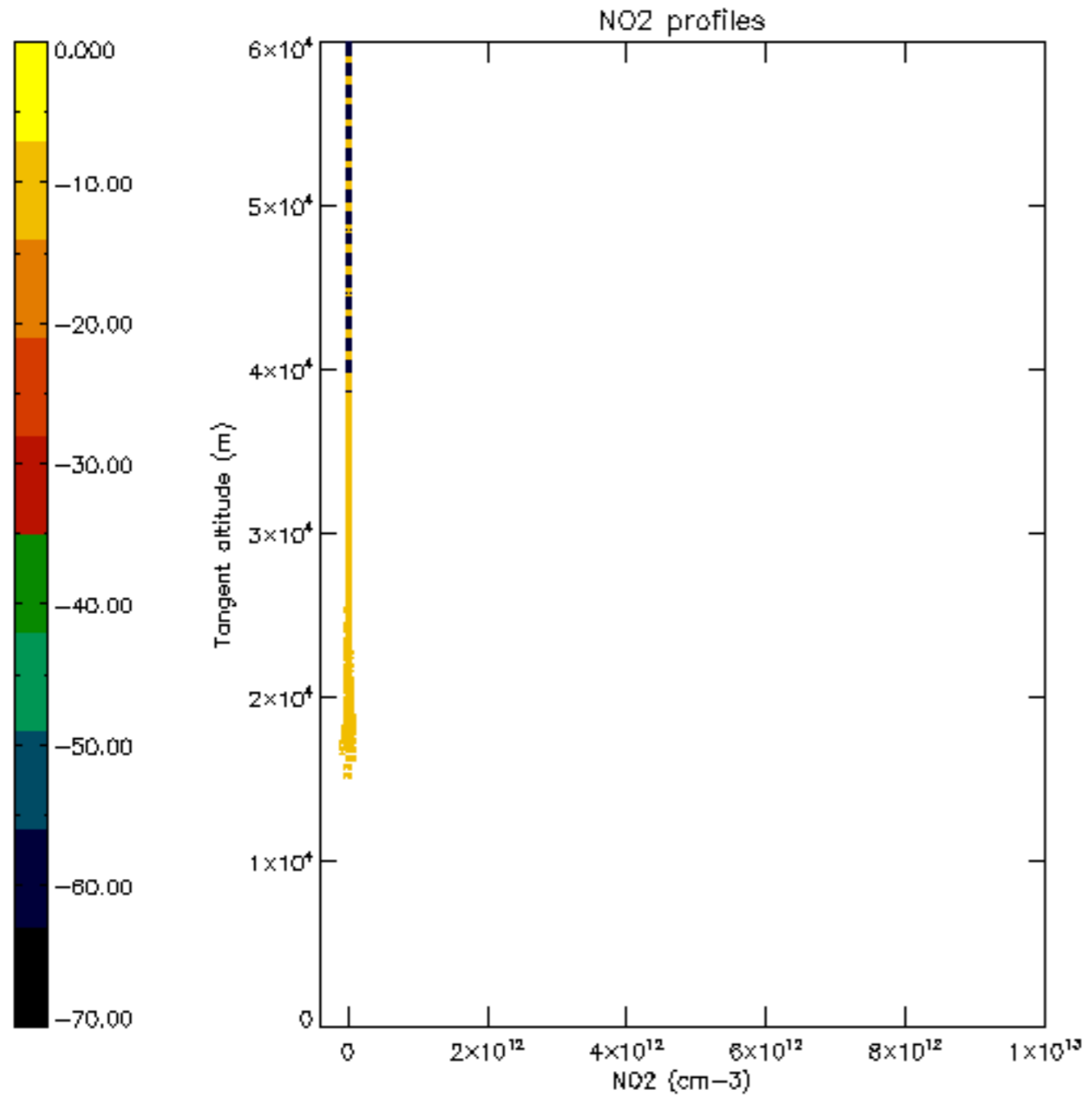


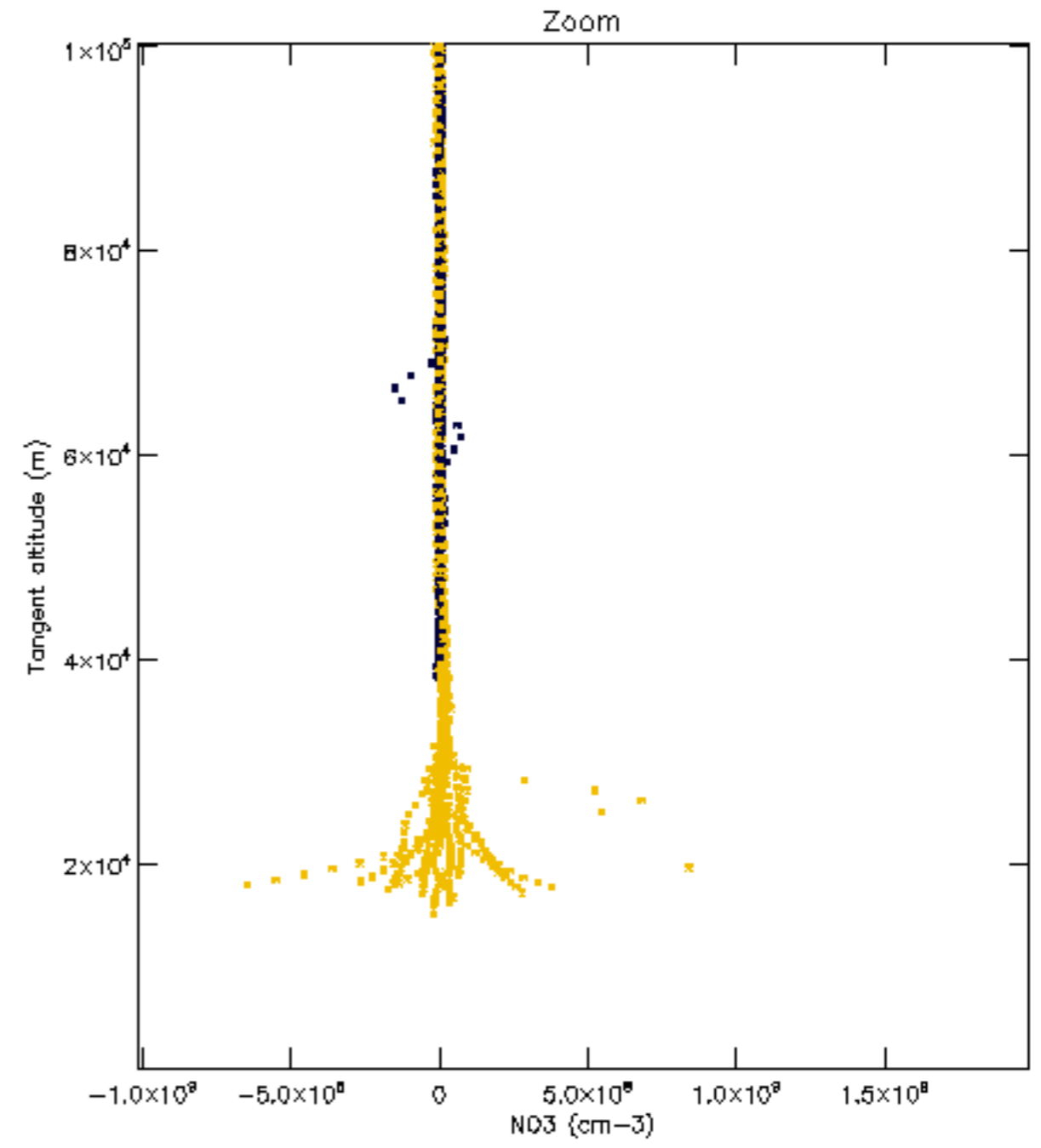
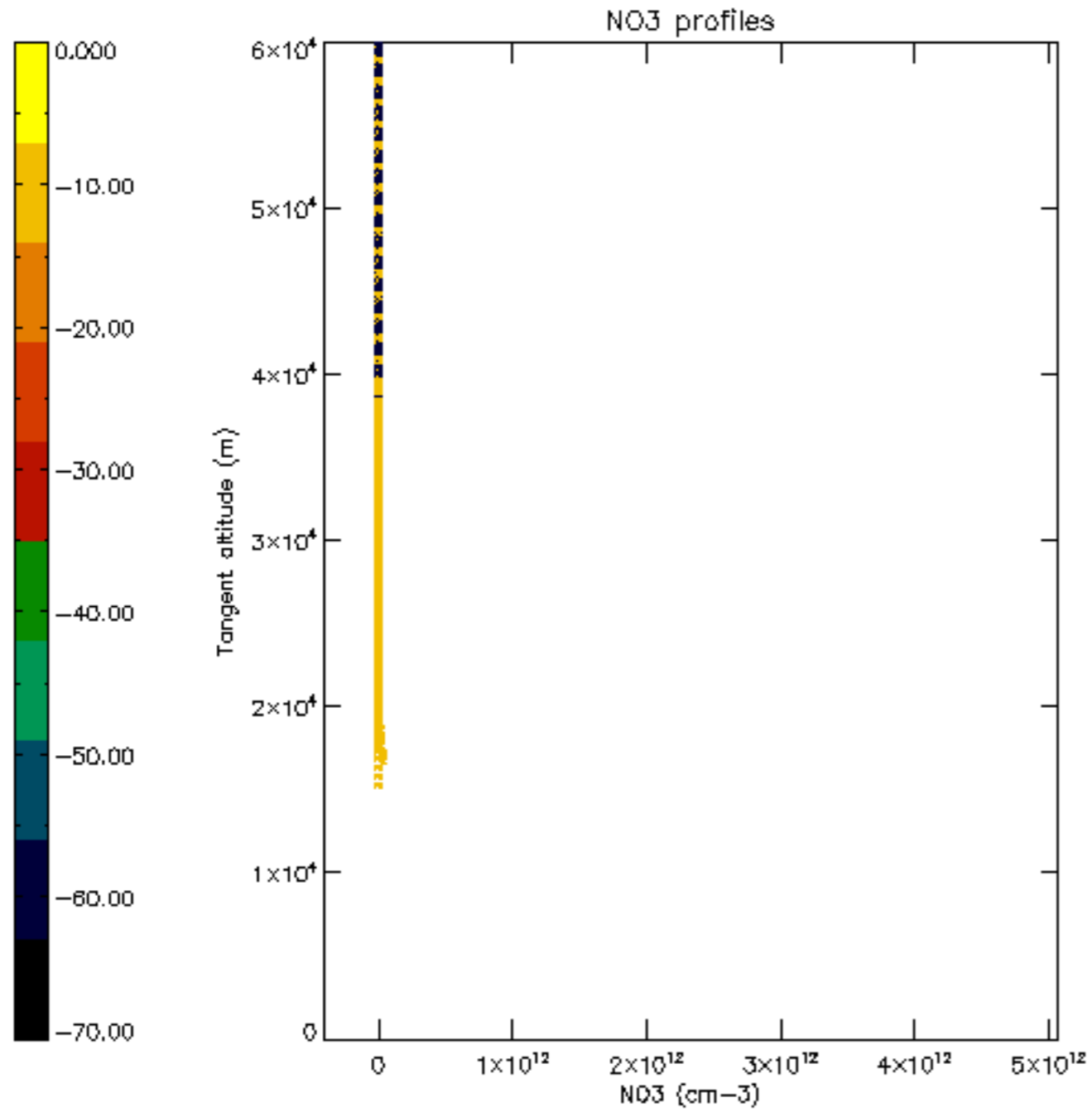


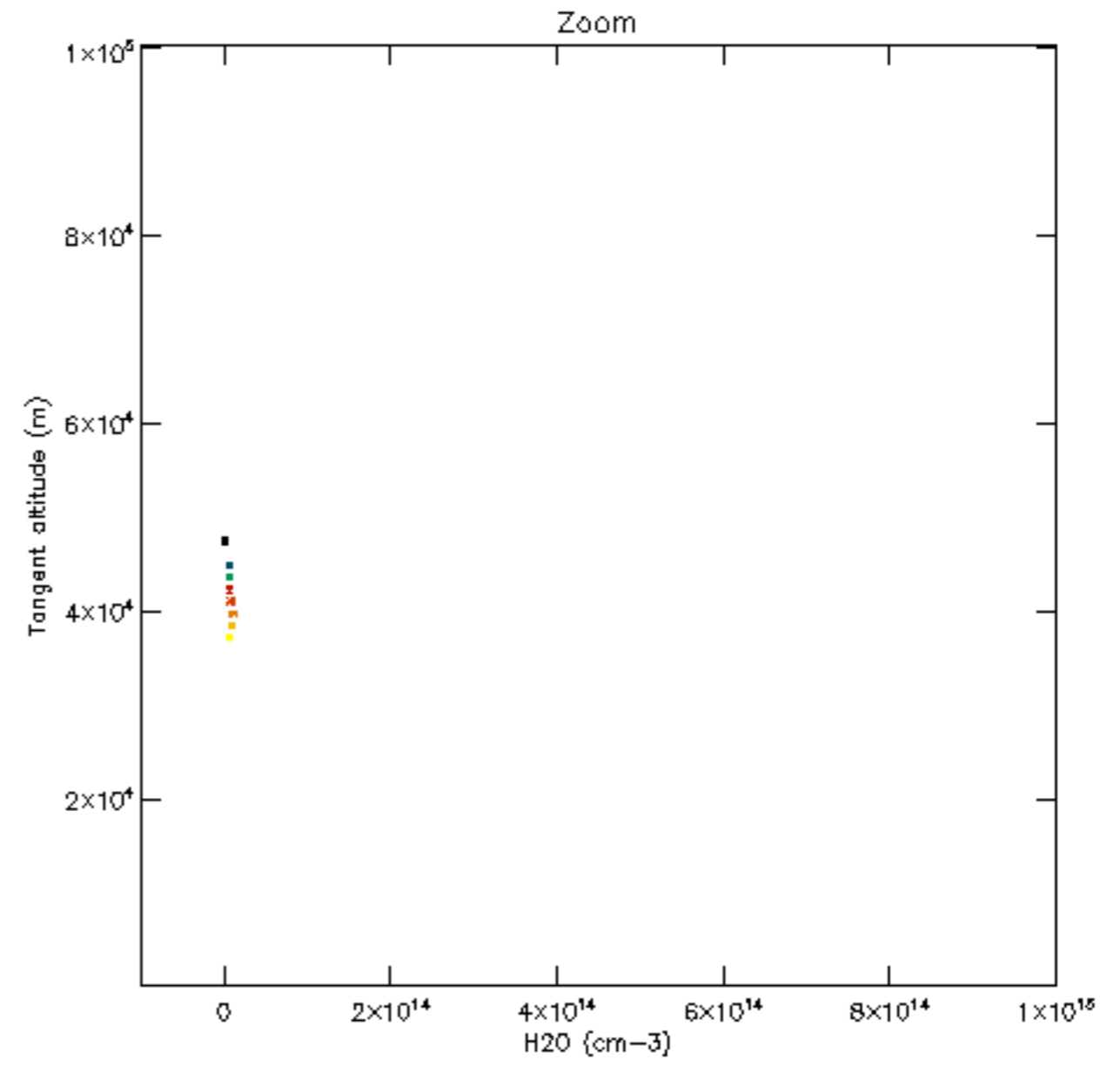
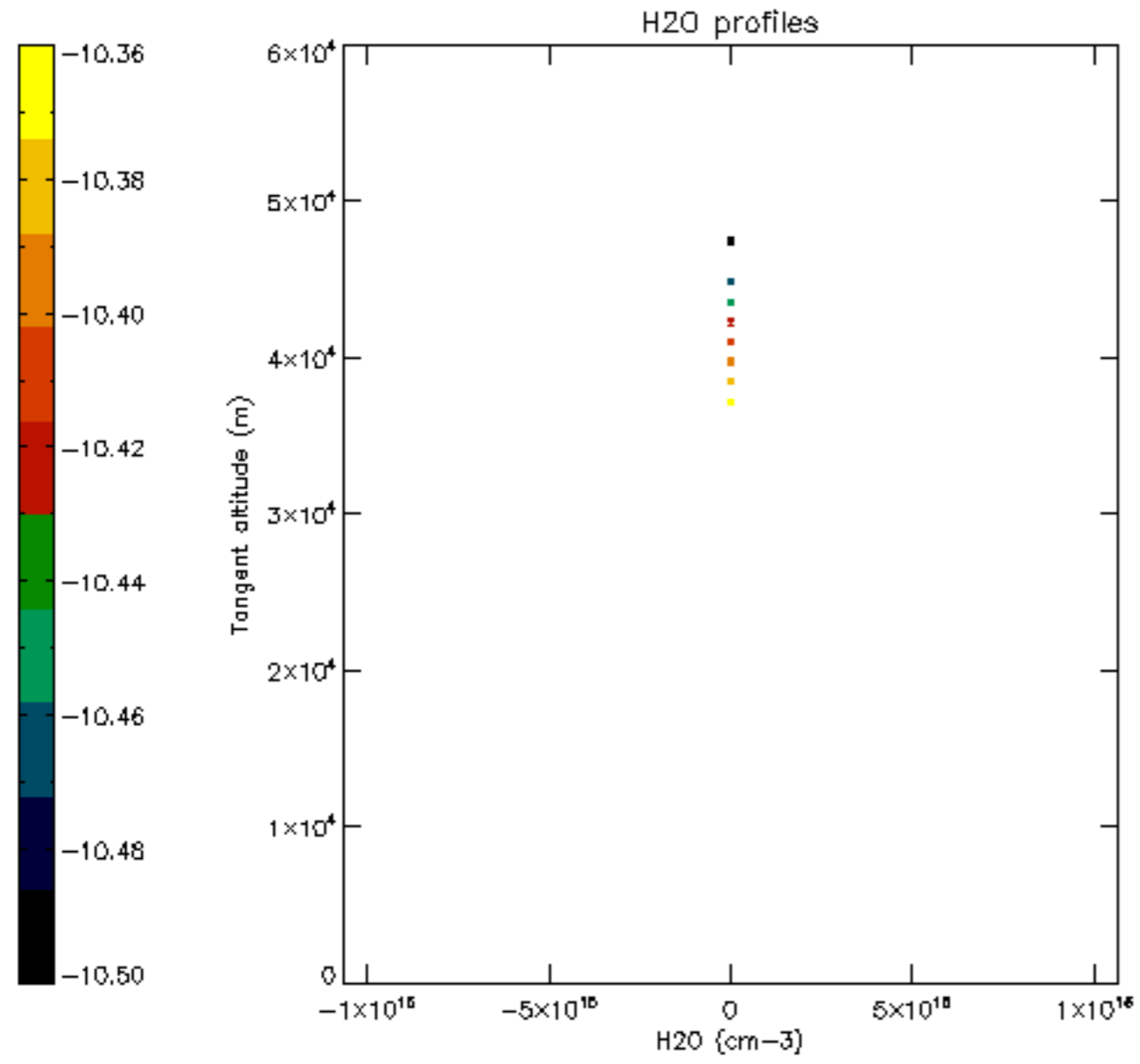


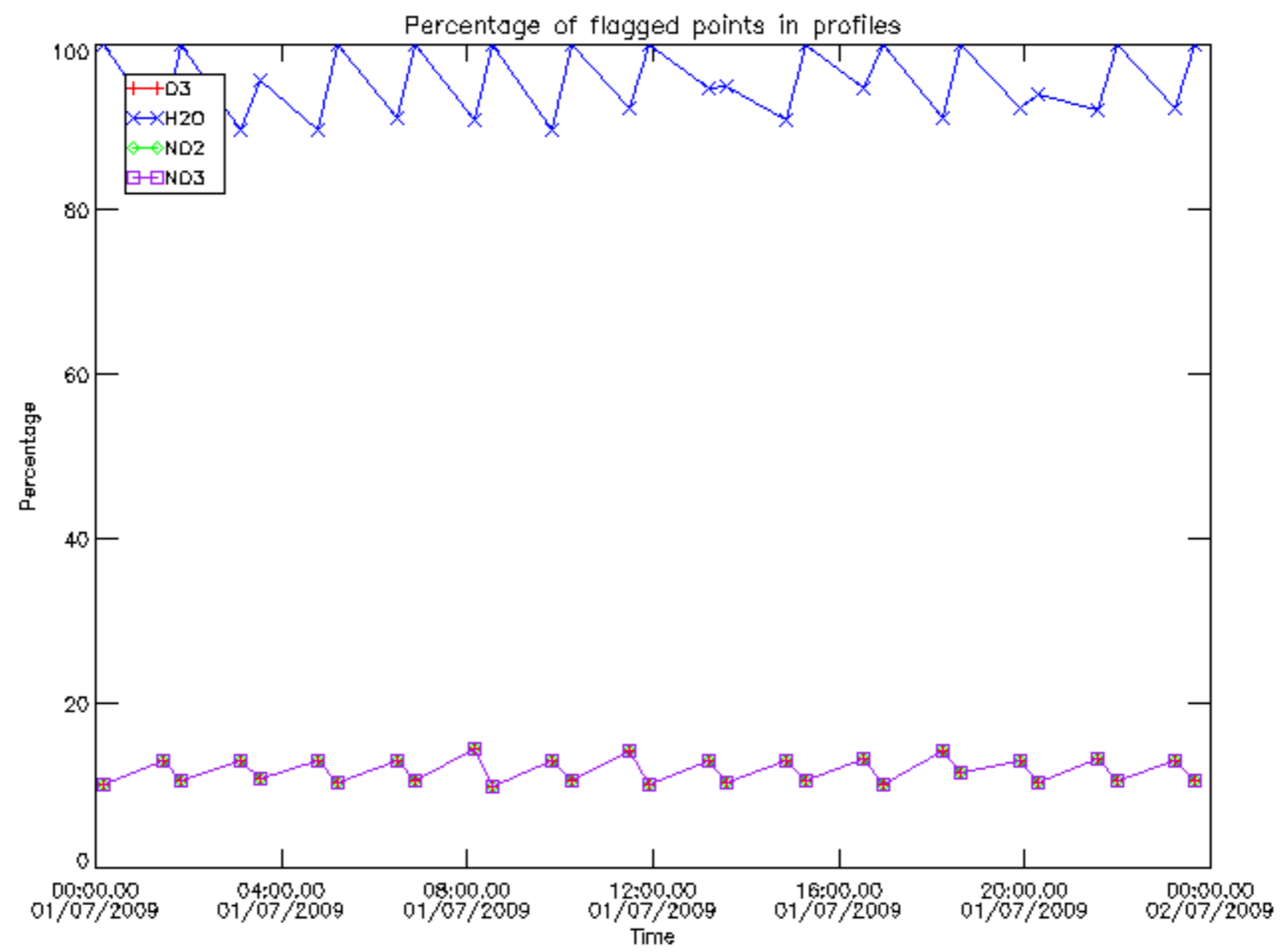




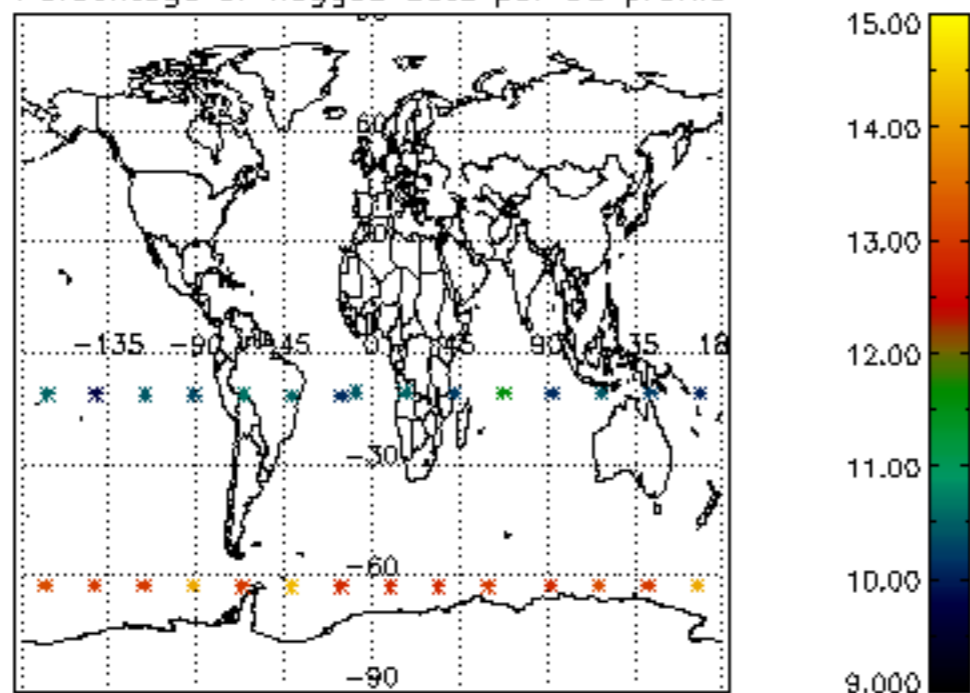




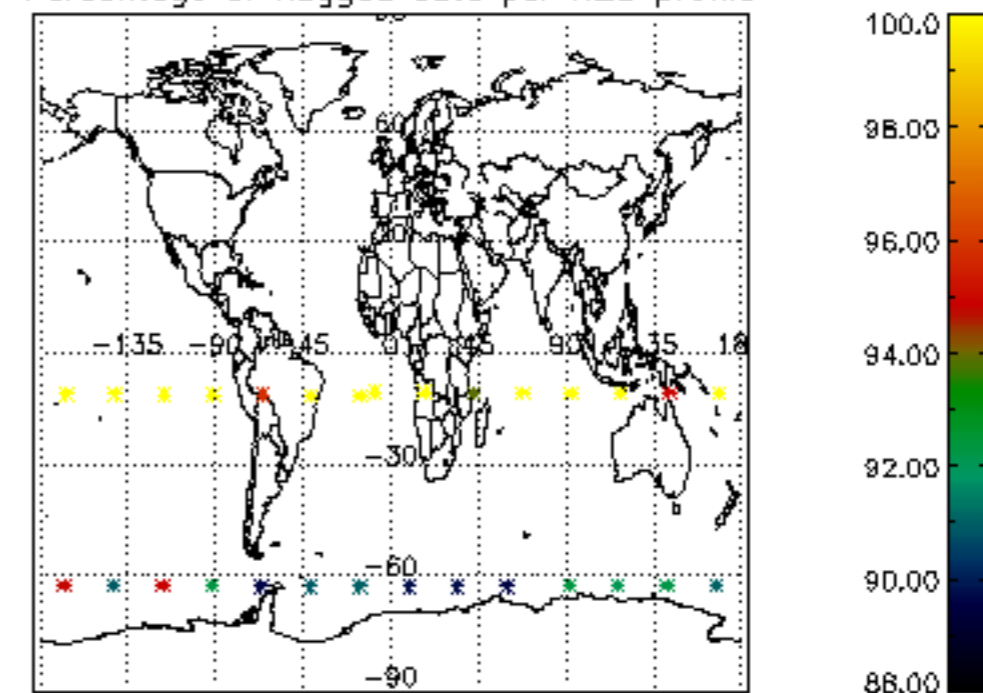




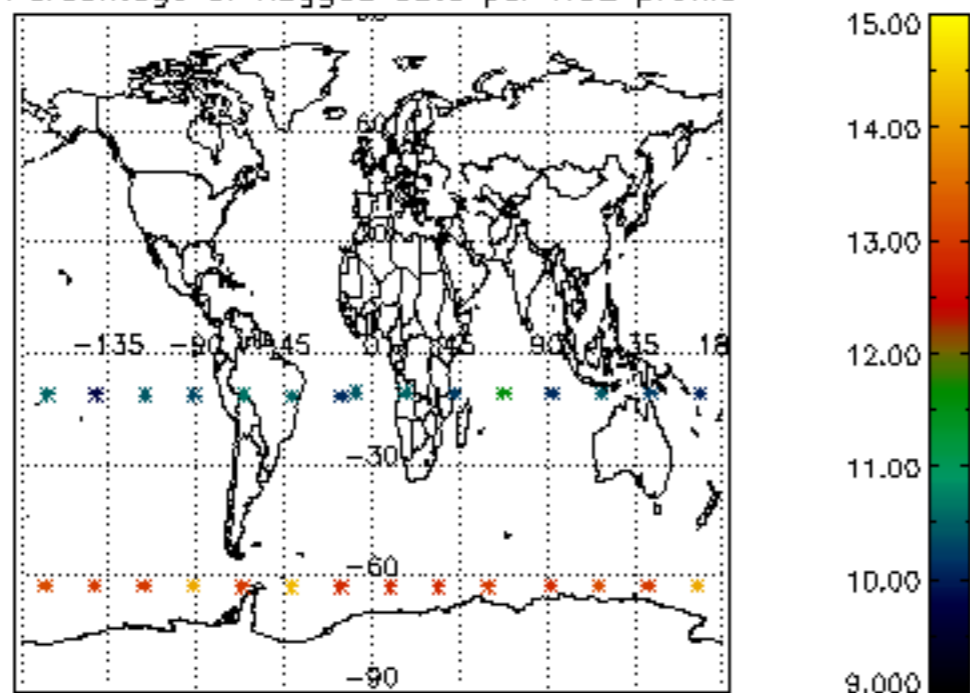
Percentage of flagged data per D3 profile



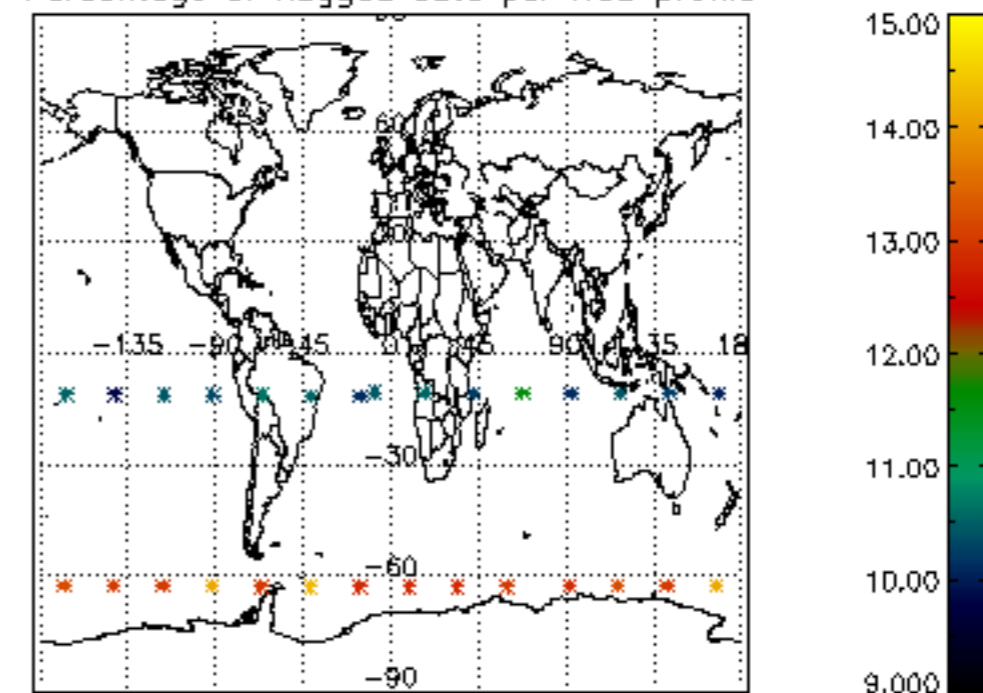
Percentage of flagged data per H2O profile

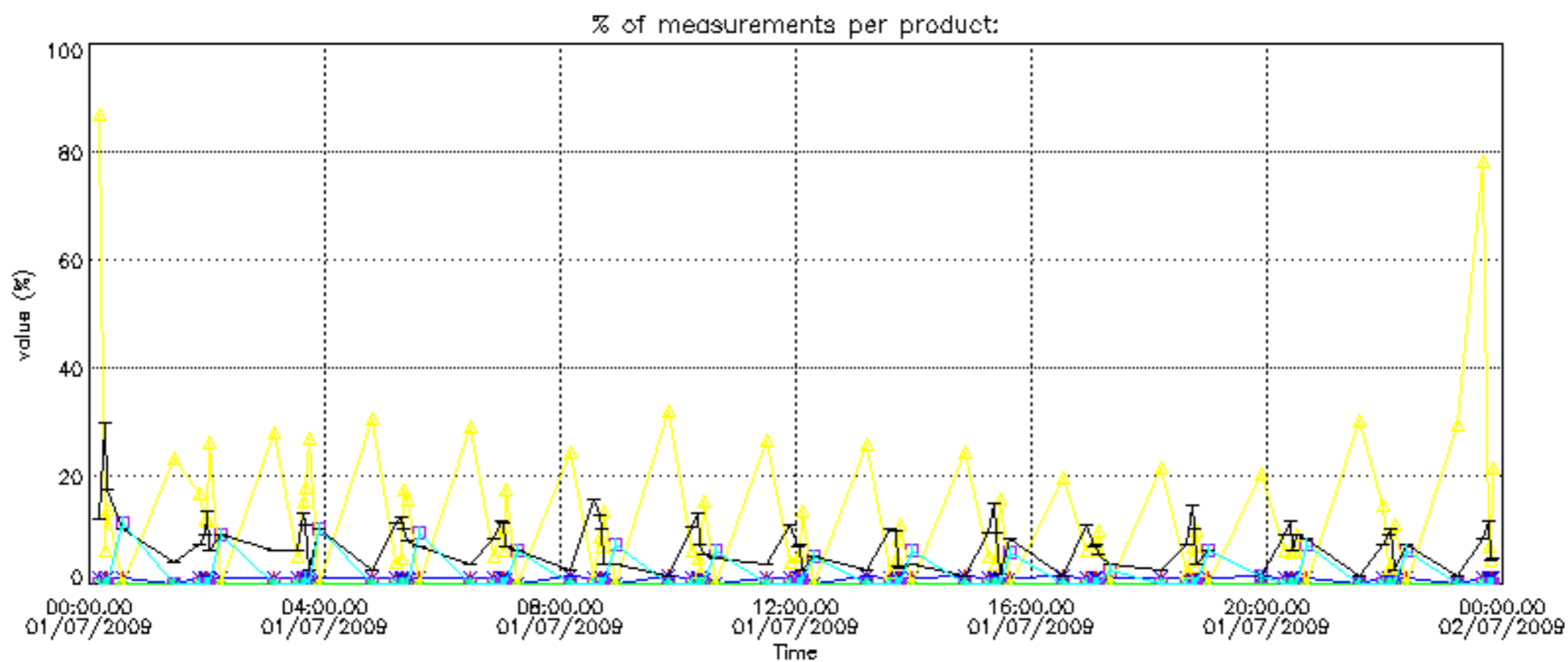


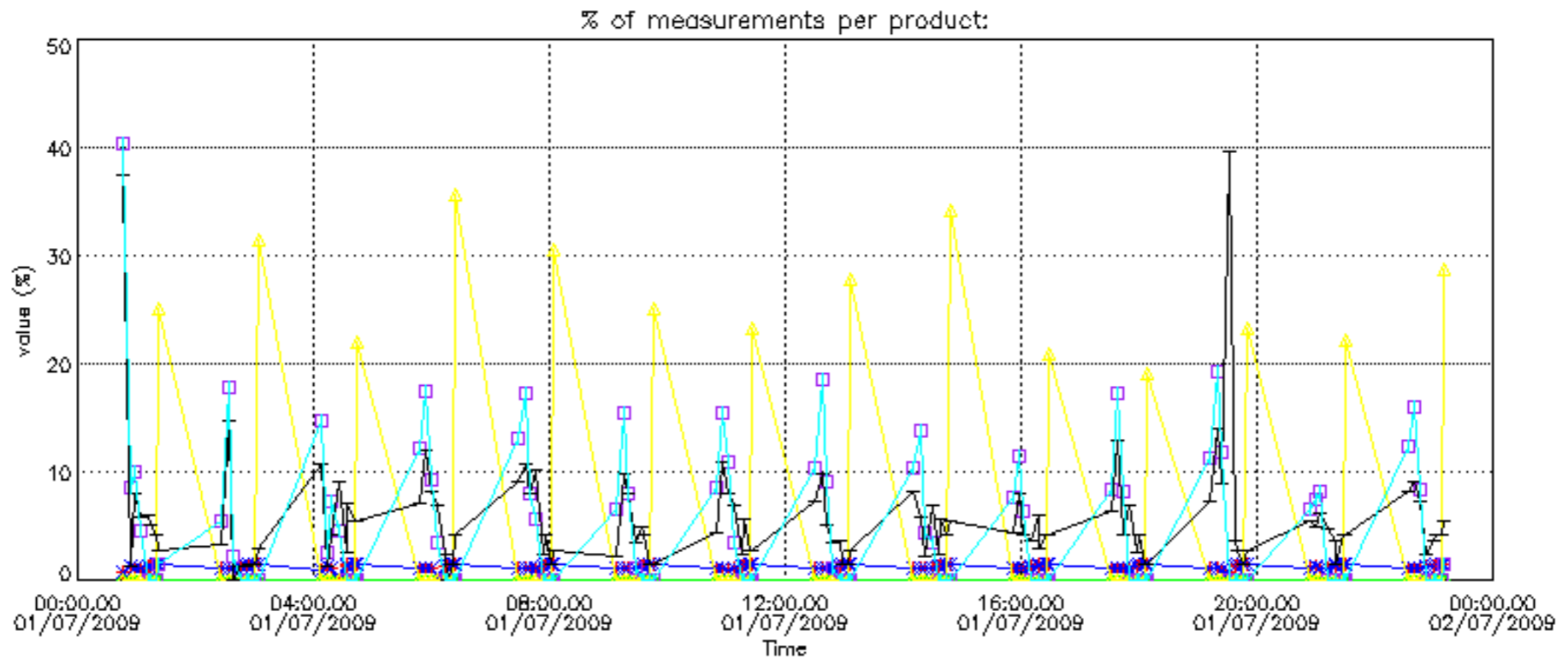
Percentage of flagged data per NO2 profile



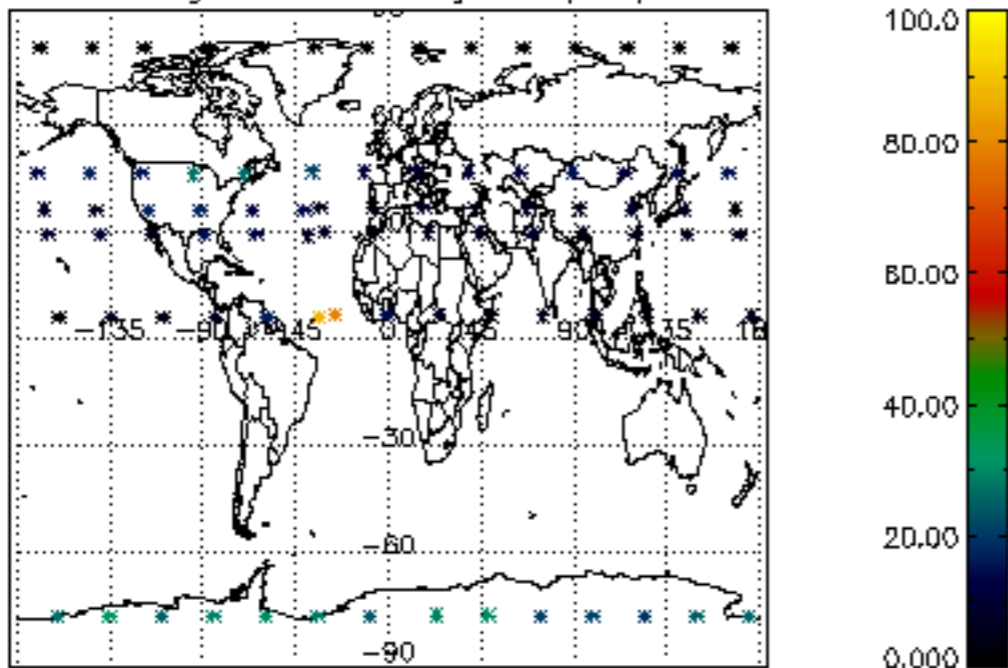
Percentage of flagged data per NO3 profile



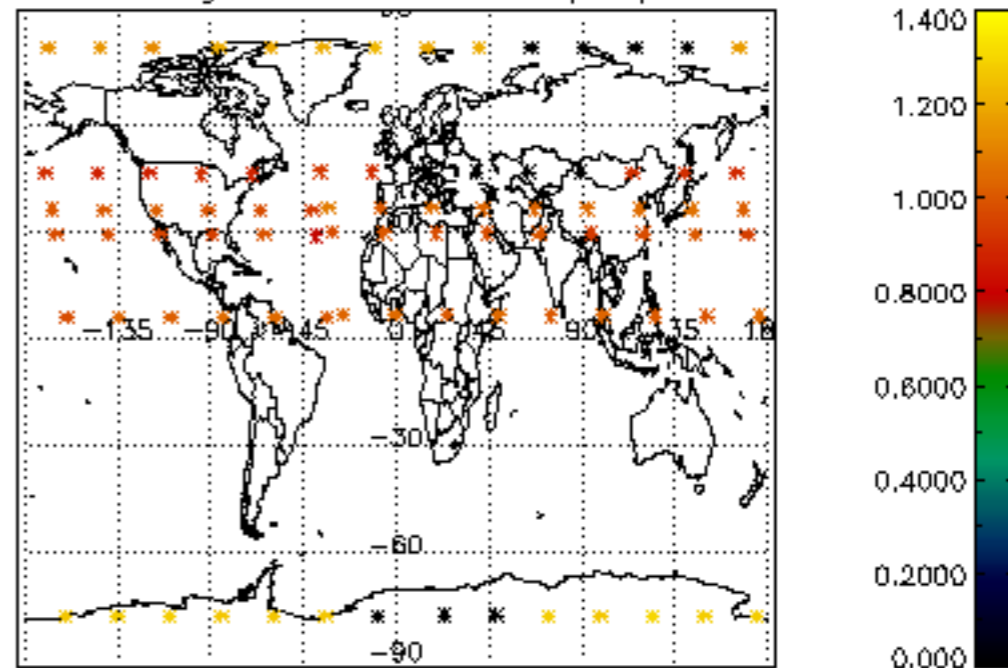




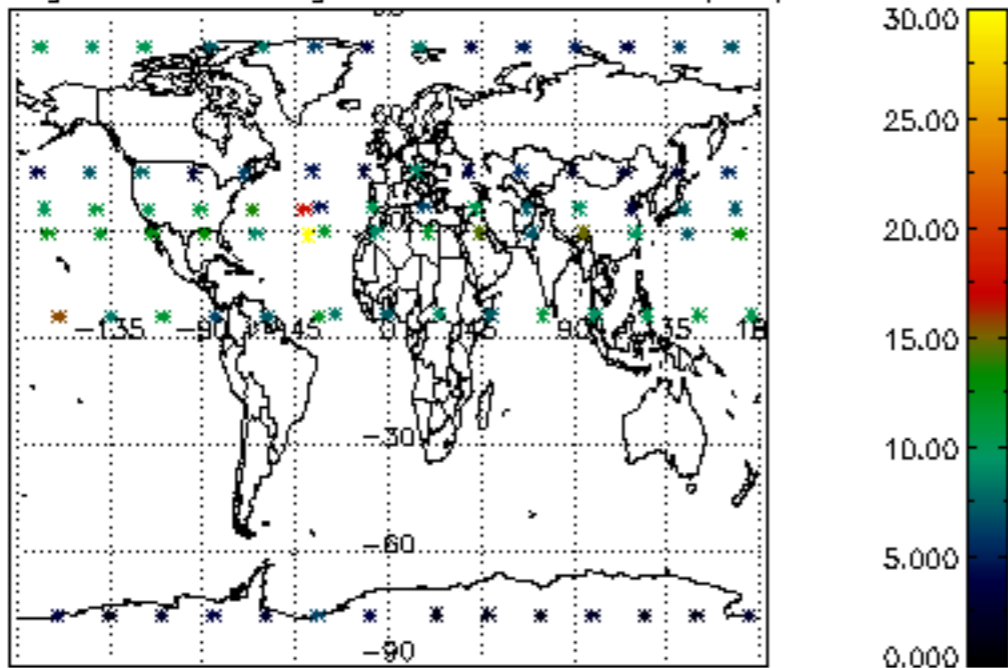
Percentage of cosmic ray hits per profile



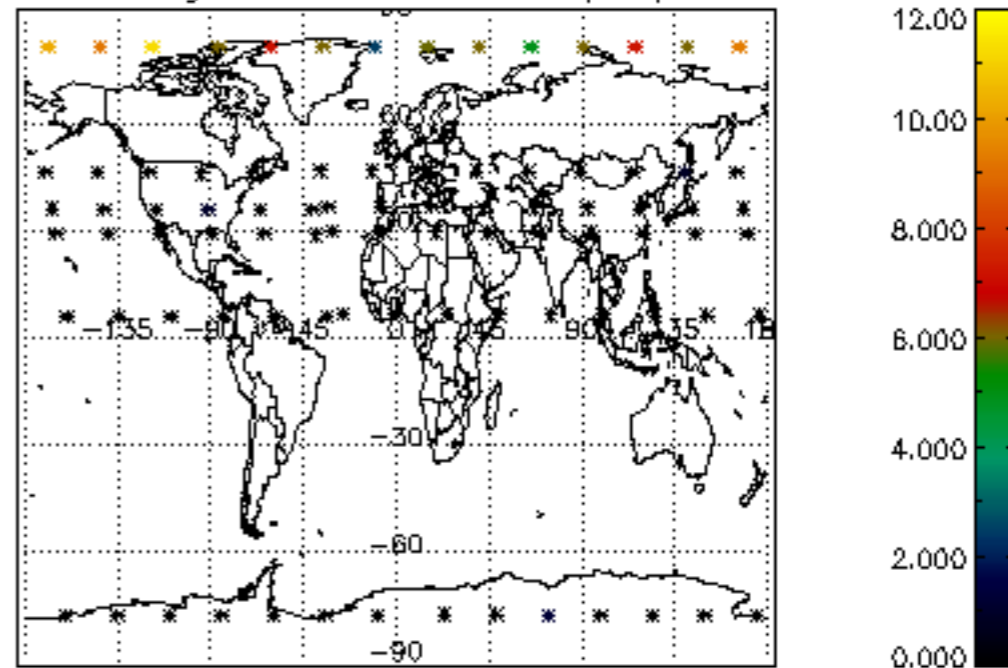
Percentage of datation errors per profile



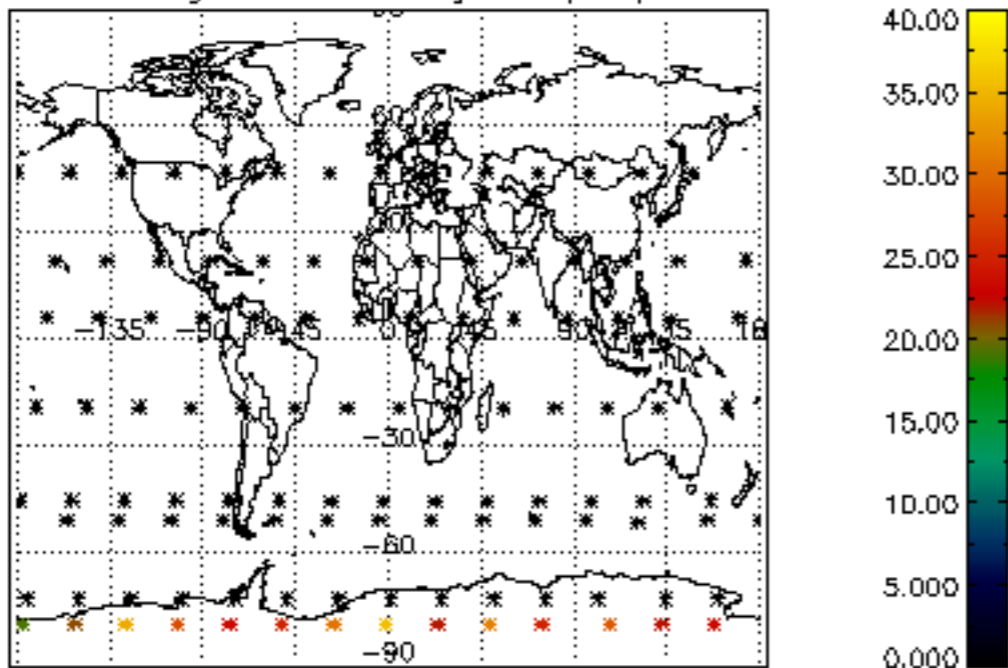
Percentage of star falling outside central band per profile



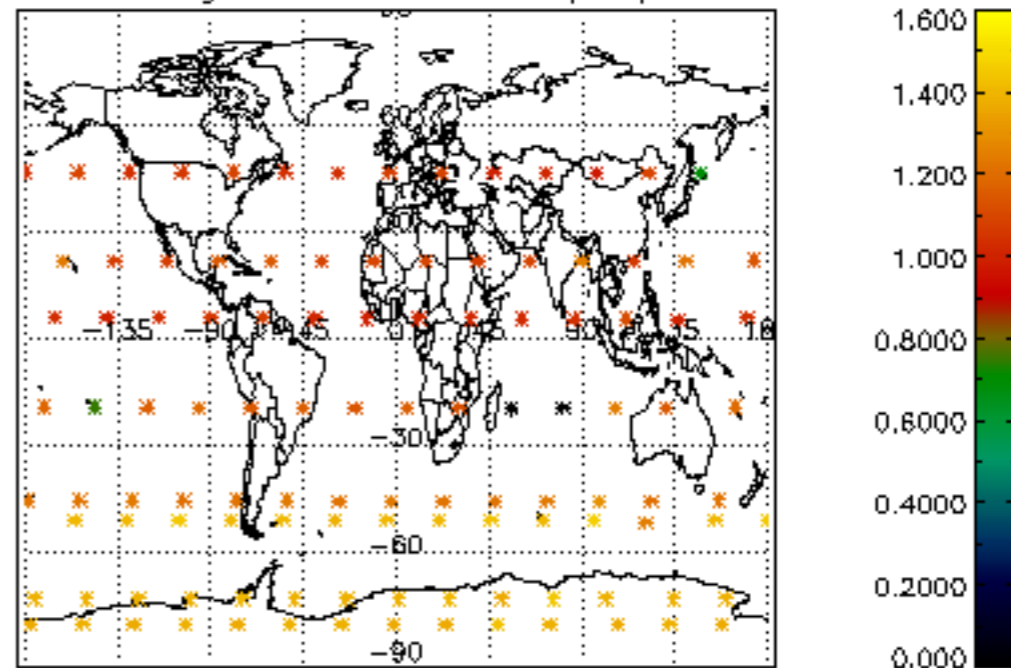
Percentage of saturation errors per profile



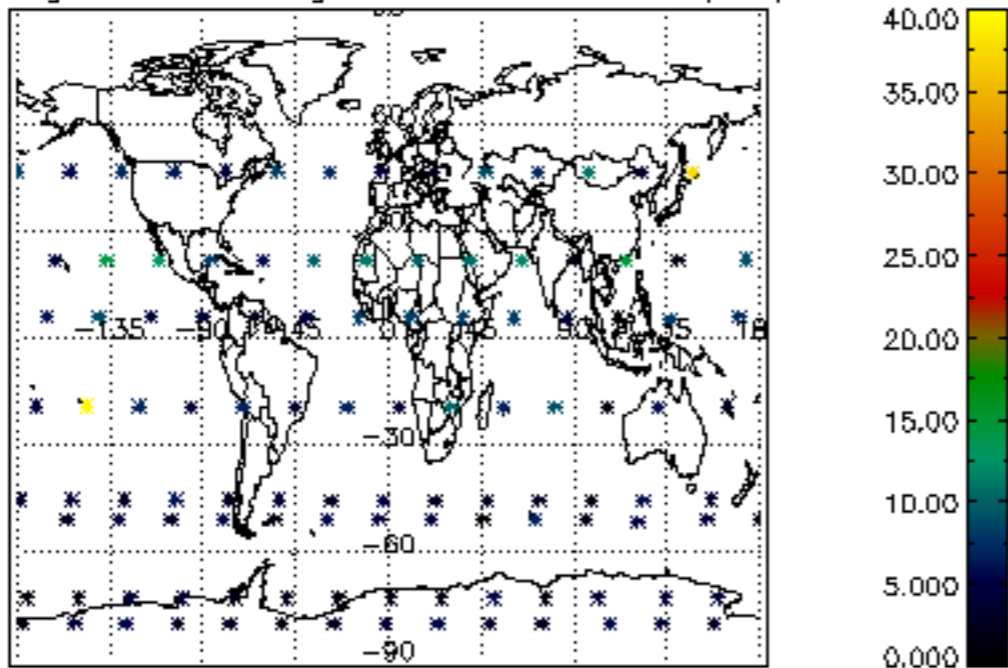
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

