

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 06:10:47
Data source version	GOMOS/6.01
Start time of products	28-09-2007 (28SEP2007 00:00:00)
Stop time of products	29-09-2007 (29SEP2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	211
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__2PRFIN20070928_000925_000000442062_00045_29157_8444.N1	28-SEP-2007 00:09:25	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	29157	No
2	GOM_NL__2PRFIN20070928_001805_000000382062_00045_29157_8445.N1	28-SEP-2007 00:18:05	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	29157	No
3	GOM_NL__2PRFIN20070928_002615_000000362062_00045_29157_8446.N1	28-SEP-2007 00:26:15	Bright	35.500	164	44Eta Peg	2.9480	5400.0	71	29157	No
4	GOM_NL__2PRFIN20070928_003543_000000362062_00045_29157_8447.N1	28-SEP-2007 00:35:43	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	29157	No
5	GOM_NL__2PRFIN20070928_004302_000000362062_00045_29157_8448.N1	28-SEP-2007 00:43:02	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29157	No
6	GOM_NL__2PRFIN20070928_004450_000000352062_00045_29157_8449.N1	28-SEP-2007 00:44:50	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	29157	No
7	GOM_NL__2PRFIN20070928_005052_000000372062_00045_29157_8450.N1	28-SEP-2007 00:50:52	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	29157	No
8	GOM_NL__2PRFIN20070928_005221_000000322062_00045_29157_8451.N1	28-SEP-2007 00:52:21	Bright	32.000	82	48Bet UMa	2.3650	10600.	64	29157	No
9	GOM_NL__2PRFIN20070928_005532_000000522062_00045_29157_8452.N1	28-SEP-2007 00:55:32	Bright	52.000	174	52Psi UMa	3.0040	4400.0	104	29157	No
10	GOM_NL__2PRFIN20070928_010211_000000332062_00045_29157_8453.N1	28-SEP-2007 01:02:11	Bright	33.000	166	17Eps Leo	2.9800	6000.0	66	29157	No
11	GOM_NL__2PRFIN20070928_011136_000000442062_00045_29157_8454.N1	28-SEP-2007 01:11:36	Twilight	43.500	48	30Alp Hya	1.9770	4100.0	87	29157	No
12	GOM_NL__2PRFIN20070928_012117_000000432062_00045_29157_8455.N1	28-SEP-2007 01:21:17	Dark	43.000	65	Lam Vel	2.2040	4400.0	86	29157	No
13	GOM_NL__2PRFIN20070928_012435_000000382062_00045_29157_8456.N1	28-SEP-2007 01:24:35	Dark	37.500	46	Del Vel	1.9540	10600.	75	29157	No
14	GOM_NL__2PRFIN20070928_012610_000000462062_00045_29157_8457.N1	28-SEP-2007 01:26:10	Dark	46.000	41	Eps Car	1.8600	4100.0	92	29157	No
15	GOM_NL__2PRFIN20070928_013821_000000392062_00046_29158_8450.N1	28-SEP-2007 01:38:21	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	29158	No
16	GOM_NL__2PRFIN20070928_015001_000000432062_00046_29158_8451.N1	28-SEP-2007 01:50:01	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	29158	No
17	GOM_NL__2PRFIN20070928_015841_000000372062_00046_29158_8452.N1	28-SEP-2007 01:58:41	Bright	36.500	162	34Alp Aqr	2.9440	5350.0	73	29158	No
18	GOM_NL__2PRFIN20070928_020651_000000362062_00046_29158_8453.N1	28-SEP-2007 02:06:51	Bright	36.000	164	44Eta Peg	2.9480	5400.0	72	29158	No
19	GOM_NL__2PRFIN20070928_021619_000000362062_00046_29158_8454.N1	28-SEP-2007 02:16:19	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	29158	No
20	GOM_NL__2PRFIN20070928_022338_000000362062_00046_29158_8455.N1	28-SEP-2007 02:23:38	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29158	No
21	GOM_NL__2PRFIN20070928_022526_000000382062_00046_29158_8456.N1	28-SEP-2007 02:25:26	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	29158	No
22	GOM_NL__2PRFIN20070928_023128_000000362062_00046_29158_8457.N1	28-SEP-2007 02:31:28	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	29158	No
23	GOM_NL__2PRFIN20070928_023258_000000502062_00046_29158_8458.N1	28-SEP-2007 02:32:58	Bright	49.500	82	48Bet UMa	2.3650	10600.	99	29158	No
24	GOM_NL__2PRFIN20070928_023608_000000522062_00046_29158_8459.N1	28-SEP-2007 02:36:08	Bright	52.000	174	52Psi UMa	3.0040	4400.0	104	29158	No
25	GOM_NL__2PRFIN20070928_024247_000000392062_00046_29158_8460.N1	28-SEP-2007 02:42:47	Bright	38.500	166	17Eps Leo	2.9800	6000.0	77	29158	No
26	GOM_NL__2PRFIN20070928_025212_000000432062_00046_29158_8461.N1	28-SEP-2007 02:52:12	Twilight	43.000	48	30Alp Hya	1.9770	4100.0	86	29158	No
27	GOM_NL__2PRFIN20070928_030153_000000432062_00046_29158_8462.N1	28-SEP-2007 03:01:53	Dark	42.500	65	Lam Vel	2.2040	4400.0	85	29158	No
28	GOM_NL__2PRFIN20070928_030511_000000402062_00046_29158_8463.N1	28-SEP-2007 03:05:11	Dark	40.000	46	Del Vel	1.9540	10600.	80	29158	No
29	GOM_NL__2PRFIN20070928_030646_000000482062_00046_29158_8464.N1	28-SEP-2007 03:06:46	Dark	47.500	41	Eps Car	1.8600	4100.0	95	29158	No
30	GOM_NL__2PRFIN20070928_031858_000000382062_00047_29159_8465.N1	28-SEP-2007 03:18:58	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	29159	No
31	GOM_NL__2PRFIN20070928_033037_000000432062_00047_29159_8466.N1	28-SEP-2007 03:30:37	Straylight	43.000	18	24Alp PsA	1.1660	9700.0	86	29159	No
32	GOM_NL__2PRFIN20070928_033918_000000382062_00047_29159_8467.N1	28-SEP-2007 03:39:18	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	29159	No
33	GOM_NL__2PRFIN20070928_034728_000000372062_00047_29159_8468.N1	28-SEP-2007 03:47:28	Bright	36.500	164	44Eta Peg	2.9480	5400.0	73	29159	No
34	GOM_NL__2PRFIN20070928_035656_000000342062_00047_29159_8469.N1	28-SEP-2007 03:56:56	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	29159	No
35	GOM_NL__2PRFIN20070928_040414_000000372062_00047_29159_8470.N1	28-SEP-2007 04:04:14	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	29159	No
36	GOM_NL__2PRFIN20070928_040603_000000372062_00047_29159_8471.N1	28-SEP-2007 04:06:03	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	29159	No
37	GOM_NL__2PRFIN20070928_041205_000000352062_00047_29159_8472.N1	28-SEP-2007 04:12:05	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	29159	No
38	GOM_NL__2PRFIN20070928_041334_000000342062_00047_29159_8473.N1	28-SEP-2007 04:13:34	Bright	34.000	82	48Bet UMa	2.3650	10600.	68	29159	No
39	GOM_NL__2PRFIN20070928_041645_000000522062_00047_29159_8474.N1	28-SEP-2007 04:16:45	Bright	52.000	174	52Psi UMa	3.0040	4400.0	104	29159	No
40	GOM_NL__2PRFIN20070928_042324_000000352062_00047_29159_8475.N1	28-SEP-2007 04:23:24	Bright	34.500	166	17Eps Leo	2.9800	6000.0	69	29159	No
41	GOM_NL__2PRFIN20070928_043249_000000452062_00047_29159_8476.N1	28-SEP-2007 04:32:49	Twilight	45.000	48	30Alp Hya	1.9770	4100.0	90	29159	No
42	GOM_NL__2PRFIN20070928_044230_000000422062_00047_29159_8477.N1	28-SEP-2007 04:42:30	Dark	42.000	65	Lam Vel	2.2040	4400.0	84	29159	No

43	GOM_NL__2PRFIN20070928_044548_000000392062_00047_29159_8478.N1	28-SEP-2007 04:45:48	Dark	38.500	46	Del Vel	1.9540	10600.	77	29159	No
44	GOM_NL__2PRFIN20070928_044723_000000422062_00047_29159_8479.N1	28-SEP-2007 04:47:23	Dark	42.000	41	Eps Car	1.8600	4100.0	84	29159	No
45	GOM_NL__2PRFIN20070928_045934_000000392062_00048_29160_8483.N1	28-SEP-2007 04:59:34	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	29160	No
46	GOM_NL__2PRFIN20070928_051114_000000412062_00048_29160_8484.N1	28-SEP-2007 05:11:14	Straylight	40.500	18	24Alp PsA	1.1660	9700.0	81	29160	No
47	GOM_NL__2PRFIN20070928_051954_000000372062_00048_29160_8485.N1	28-SEP-2007 05:19:54	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	29160	No
48	GOM_NL__2PRFIN20070928_052804_000000362062_00048_29160_8486.N1	28-SEP-2007 05:28:04	Bright	36.000	164	44Eta Peg	2.9480	5400.0	72	29160	No
49	GOM_NL__2PRFIN20070928_053732_000000362062_00048_29160_8487.N1	28-SEP-2007 05:37:32	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	29160	No
50	GOM_NL__2PRFIN20070928_054450_000000342062_00048_29160_8488.N1	28-SEP-2007 05:44:50	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	29160	No
51	GOM_NL__2PRFIN20070928_054639_000000362062_00048_29160_8489.N1	28-SEP-2007 05:46:39	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	29160	No
52	GOM_NL__2PRFIN20070928_055241_000000362062_00048_29160_8490.N1	28-SEP-2007 05:52:41	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	29160	No
53	GOM_NL__2PRFIN20070928_055410_000000522062_00048_29160_8491.N1	28-SEP-2007 05:54:10	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	29160	No
54	GOM_NL__2PRFIN20070928_055721_000000332062_00048_29160_8492.N1	28-SEP-2007 05:57:21	Bright	32.500	174	52Psi UMa	3.0040	4400.0	65	29160	No
55	GOM_NL__2PRFIN20070928_060400_000000342062_00048_29160_8493.N1	28-SEP-2007 06:04:00	Bright	33.500	166	17Eps Leo	2.9800	6000.0	67	29160	No
56	GOM_NL__2PRFIN20070928_061325_000000442062_00048_29160_8494.N1	28-SEP-2007 06:13:25	Twilight	44.000	48	30Alp Hya	1.9770	4100.0	88	29160	No
57	GOM_NL__2PRFIN20070928_062306_000000392062_00048_29160_8495.N1	28-SEP-2007 06:23:06	Dark	39.000	65	Lam Vel	2.2040	4400.0	78	29160	No
58	GOM_NL__2PRFIN20070928_062624_000000402062_00048_29160_8496.N1	28-SEP-2007 06:26:24	Dark	39.500	46	Del Vel	1.9540	10600.	79	29160	No
59	GOM_NL__2PRFIN20070928_062800_000000422062_00048_29160_8497.N1	28-SEP-2007 06:28:00	Dark	41.500	41	Eps Car	1.8600	4100.0	83	29160	No
60	GOM_NL__2PRFIN20070928_064011_000000392062_00049_29161_8544.N1	28-SEP-2007 06:40:11	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	29161	No
61	GOM_NL__2PRFIN20070928_065150_000000432062_00049_29161_8545.N1	28-SEP-2007 06:51:50	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	29161	No
62	GOM_NL__2PRFIN20070928_070030_000000372062_00049_29161_8546.N1	28-SEP-2007 07:00:30	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	29161	No
63	GOM_NL__2PRFIN20070928_070840_000000352062_00049_29161_8547.N1	28-SEP-2007 07:08:40	Bright	34.500	164	44Eta Peg	2.9480	5400.0	69	29161	No
64	GOM_NL__2PRFIN20070928_071808_000000352062_00049_29161_8548.N1	28-SEP-2007 07:18:08	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	29161	No
65	GOM_NL__2PRFIN20070928_072526_000000372062_00049_29161_8549.N1	28-SEP-2007 07:25:26	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	29161	No
66	GOM_NL__2PRFIN20070928_072716_000000372062_00049_29161_8550.N1	28-SEP-2007 07:27:16	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	29161	No
67	GOM_NL__2PRFIN20070928_073317_000000362062_00049_29161_8551.N1	28-SEP-2007 07:33:17	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	29161	No
68	GOM_NL__2PRFIN20070928_073446_000000522062_00049_29161_8552.N1	28-SEP-2007 07:34:46	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	29161	No
69	GOM_NL__2PRFIN20070928_073757_000000342062_00049_29161_8553.N1	28-SEP-2007 07:37:57	Bright	33.500	174	52Psi UMa	3.0040	4400.0	67	29161	No
70	GOM_NL__2PRFIN20070928_074436_000000342062_00049_29161_8554.N1	28-SEP-2007 07:44:36	Bright	33.500	166	17Eps Leo	2.9800	6000.0	67	29161	No
71	GOM_NL__2PRFIN20070928_075401_000000452062_00049_29161_8555.N1	28-SEP-2007 07:54:01	Twilight	44.500	48	30Alp Hya	1.9770	4100.0	89	29161	No
72	GOM_NL__2PRFIN20070928_080343_000000452062_00049_29161_8556.N1	28-SEP-2007 08:03:43	Dark	45.000	65	Lam Vel	2.2040	4400.0	90	29161	No
73	GOM_NL__2PRFIN20070928_080701_000000382062_00049_29161_8557.N1	28-SEP-2007 08:07:01	Dark	38.000	46	Del Vel	1.9540	10600.	76	29161	No
74	GOM_NL__2PRFIN20070928_080836_000000392062_00049_29161_8558.N1	28-SEP-2007 08:08:36	Dark	38.500	41	Eps Car	1.8600	4100.0	77	29161	No
75	GOM_NL__2PRFIN20070928_082047_000000392062_00050_29162_8554.N1	28-SEP-2007 08:20:47	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	29162	No
76	GOM_NL__2PRFIN20070928_083226_000000442062_00050_29162_8555.N1	28-SEP-2007 08:32:26	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	29162	No
77	GOM_NL__2PRFIN20070928_084106_000000372062_00050_29162_8556.N1	28-SEP-2007 08:41:06	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	29162	No
78	GOM_NL__2PRFIN20070928_084916_000000362062_00050_29162_8557.N1	28-SEP-2007 08:49:16	Bright	36.000	164	44Eta Peg	2.9480	5400.0	72	29162	No
79	GOM_NL__2PRFIN20070928_085844_000000362062_00050_29162_8558.N1	28-SEP-2007 08:58:44	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	29162	No
80	GOM_NL__2PRFIN20070928_090602_000000322062_00050_29162_8559.N1	28-SEP-2007 09:06:02	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	29162	No
81	GOM_NL__2PRFIN20070928_090752_000000342062_00050_29162_8560.N1	28-SEP-2007 09:07:52	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	29162	No
82	GOM_NL__2PRFIN20070928_091353_000000362062_00050_29162_8561.N1	28-SEP-2007 09:13:53	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	29162	No
83	GOM_NL__2PRFIN20070928_091522_000000342062_00050_29162_8562.N1	28-SEP-2007 09:15:22	Bright	34.000	82	48Bet UMa	2.3650	10600.	68	29162	No
84	GOM_NL__2PRFIN20070928_091834_000000342062_00050_29162_8563.N1	28-SEP-2007 09:18:34	Bright	33.500	174	52Psi UMa	3.0040	4400.0	67	29162	No
85	GOM_NL__2PRFIN20070928_092512_000000332062_00050_29162_8564.N1	28-SEP-2007 09:25:12	Bright	33.000	166	17Eps Leo	2.9800	6000.0	66	29162	No
86	GOM_NL__2PRFIN20070928_093438_000000452062_00050_29162_8565.N1	28-SEP-2007 09:34:38	Twilight	44.500	48	30Alp Hya	1.9770	4100.0	89	29162	No
87	GOM_NL__2PRFIN20070928_094419_000000422062_00050_29162_8566.N1	28-SEP-2007 09:44:19	Dark	42.000	65	Lam Vel	2.2040	4400.0	84	29162	No
88	GOM_NL__2PRFIN20070928_094737_000000392062_00050_29162_8567.N1	28-SEP-2007 09:47:37	Dark	38.500	46	Del Vel	1.9540	10600.	77	29162	No
89	GOM_NL__2PRFIN20070928_094912_000000472062_00050_29162_8568.N1	28-SEP-2007 09:49:12	Dark	46.500	41	Eps Car	1.8600	4100.0	93	29162	No
90	GOM_NL__2PRFIN20070928_100123_000000412062_00051_29163_8574.N1	28-SEP-2007 10:01:23	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	29163	No
91	GOM_NL__2PRFIN20070928_101302_000000442062_00051_29163_8575.N1	28-SEP-2007 10:13:02	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	29163	No
92	GOM_NL__2PRFIN20070928_102142_000000372062_00051_29163_8576.N1	28-SEP-2007 10:21:42	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	29163	No
93	GOM_NL__2PRFIN20070928_102952_000000372062_00051_29163_8577.N1	28-SEP-2007 10:29:52	Bright	37.000	164	44Eta Peg	2.9480	5400.0	74	29163	No
94	GOM_NL__2PRFIN20070928_103920_000000372062_00051_29163_8578.N1	28-SEP-2007 10:39:20	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	29163	No
95	GOM_NL__2PRFIN20070928_104638_000000362062_00051_29163_8579.N1	28-SEP-2007 10:46:38	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29163	No
96	GOM_NL__2PRFIN20070928_104828_000000372062_00051_29163_8580.N1	28-SEP-2007 10:48:28	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	29163	No
97	GOM_NL__2PRFIN20070928_105429_000000362062_00051_29163_8581.N1	28-SEP-2007 10:54:29	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	29163	No
98	GOM_NL__2PRFIN20070928_105558_000000352062_00051_29163_8582.N1	28-SEP-2007 10:55:58	Bright	34.500	82	48Bet UMa	2.3650	10600.	69	29163	No
99	GOM_NL__2PRFIN20070928_105910_000000392062_00051_29163_8583.N1	28-SEP-2007 10:59:10	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	29163	No
100	GOM_NL__2PRFIN20070928_110548_000000342062_00051_29163_8584.N1	28-SEP-2007 11:05:48	Bright	33.500	166	17Eps Leo	2.9800	6000.0	67	29163	No
101	GOM_NL__2PRFIN20070928_111514_000000462062_00051_29163_8585.N1	28-SEP-2007 11:15:14	Twilight	46.000	48	30Alp Hya	1.9770	4100.0	92	29163	No

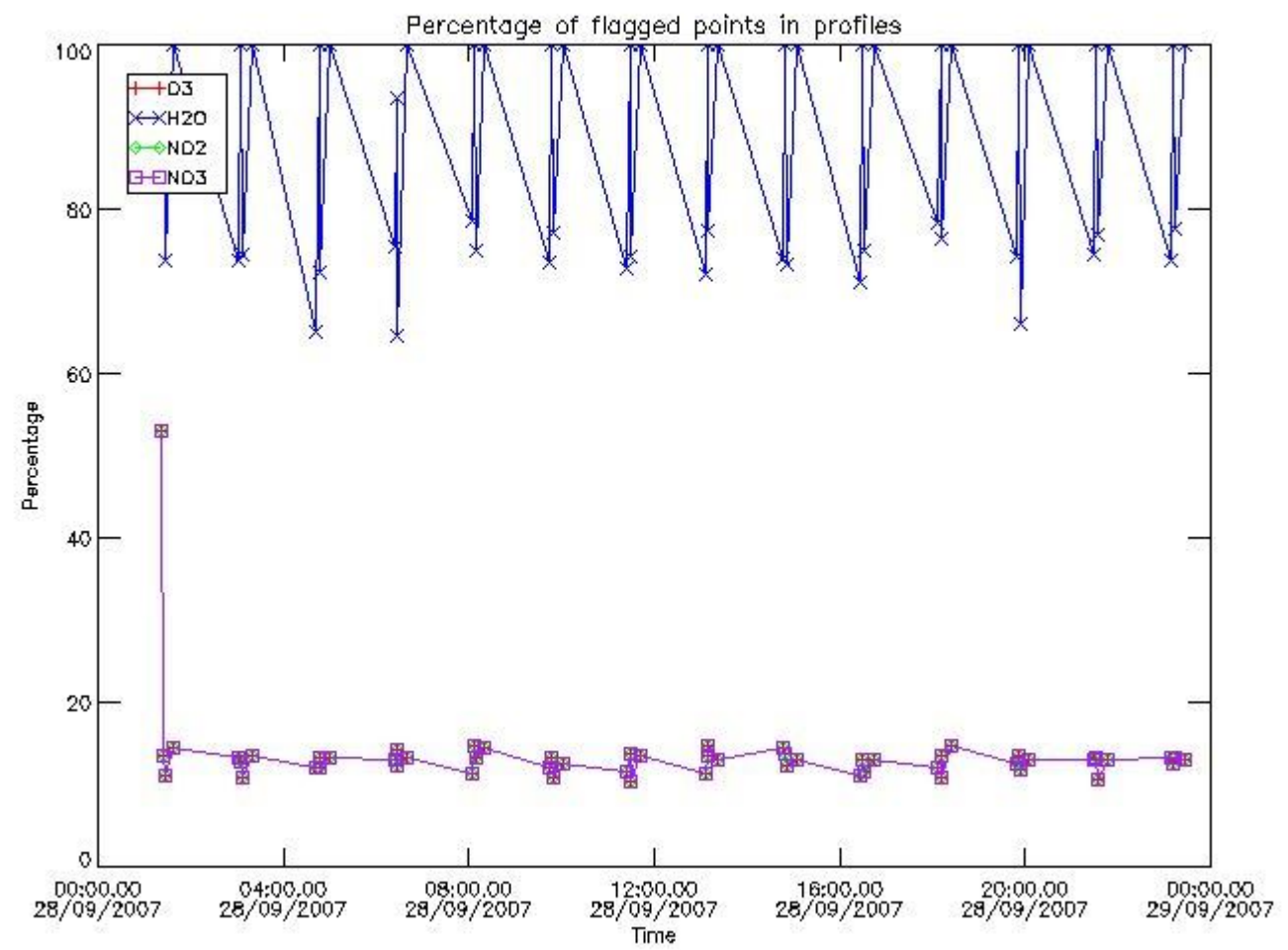
102	GOM_NL__2PRFIN20070928_112455_000000452062_00051_29163_8586.N1	28-SEP-2007 11:24:55	Dark	44.500	65	Lam Vel	2.2040	4400.0	89	29163	No
103	GOM_NL__2PRFIN20070928_112813_000000372062_00051_29163_8587.N1	28-SEP-2007 11:28:13	Dark	37.000	46	Del Vel	1.9540	10600.	74	29163	No
104	GOM_NL__2PRFIN20070928_112948_000000492062_00051_29163_8588.N1	28-SEP-2007 11:29:48	Dark	49.000	41	Eps Car	1.8600	4100.0	98	29163	No
105	GOM_NL__2PRFIN20070928_114200_000000382062_00052_29164_8588.N1	28-SEP-2007 11:42:00	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	29164	No
106	GOM_NL__2PRFIN20070928_115338_000000412062_00052_29164_8589.N1	28-SEP-2007 11:53:38	Straylight	41.000	18	24Alp PsA	1.1660	9700.0	82	29164	No
107	GOM_NL__2PRFIN20070928_120218_000000372062_00052_29164_8590.N1	28-SEP-2007 12:02:18	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	29164	No
108	GOM_NL__2PRFIN20070928_121027_000000362062_00052_29164_8591.N1	28-SEP-2007 12:10:27	Bright	36.000	164	44Eta Peg	2.9480	5400.0	72	29164	No
109	GOM_NL__2PRFIN20070928_121956_000000352062_00052_29164_8592.N1	28-SEP-2007 12:19:56	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	29164	No
110	GOM_NL__2PRFIN20070928_122714_000000362062_00052_29164_8593.N1	28-SEP-2007 12:27:14	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29164	No
111	GOM_NL__2PRFIN20070928_122904_000000362062_00052_29164_8594.N1	28-SEP-2007 12:29:04	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	29164	No
112	GOM_NL__2PRFIN20070928_123505_000000352062_00052_29164_8595.N1	28-SEP-2007 12:35:05	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	29164	No
113	GOM_NL__2PRFIN20070928_123634_000000522062_00052_29164_8596.N1	28-SEP-2007 12:36:34	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	29164	No
114	GOM_NL__2PRFIN20070928_123945_000000522062_00052_29164_8597.N1	28-SEP-2007 12:39:45	Bright	52.000	174	52Psi UMa	3.0040	4400.0	104	29164	No
115	GOM_NL__2PRFIN20070928_124624_000000332062_00052_29164_8598.N1	28-SEP-2007 12:46:24	Bright	32.500	166	17Eps Leo	2.9800	6000.0	65	29164	No
116	GOM_NL__2PRFIN20070928_125550_000000452062_00052_29164_8599.N1	28-SEP-2007 12:55:50	Twilight	45.000	48	30Alp Hya	1.9770	4100.0	90	29164	No
117	GOM_NL__2PRFIN20070928_130531_000000452062_00052_29164_8600.N1	28-SEP-2007 13:05:31	Dark	45.000	65	Lam Vel	2.2040	4400.0	90	29164	No
118	GOM_NL__2PRFIN20070928_130849_000000382062_00052_29164_8601.N1	28-SEP-2007 13:08:49	Dark	38.000	46	Del Vel	1.9540	10600.	76	29164	No
119	GOM_NL__2PRFIN20070928_131024_000000382062_00052_29164_8602.N1	28-SEP-2007 13:10:24	Dark	38.000	41	Eps Car	1.8600	4100.0	76	29164	No
120	GOM_NL__2PRFIN20070928_132236_000000402062_00053_29165_8603.N1	28-SEP-2007 13:22:36	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	29165	No
121	GOM_NL__2PRFIN20070928_133414_000000432062_00053_29165_8604.N1	28-SEP-2007 13:34:14	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	29165	No
122	GOM_NL__2PRFIN20070928_134255_000000362062_00053_29165_8605.N1	28-SEP-2007 13:42:55	Bright	35.500	162	34Alp Aqr	2.9440	5350.0	71	29165	No
123	GOM_NL__2PRFIN20070928_135103_000000342062_00053_29165_8606.N1	28-SEP-2007 13:51:03	Bright	34.000	164	44Eta Peg	2.9480	5400.0	68	29165	No
124	GOM_NL__2PRFIN20070928_140032_000000332062_00053_29165_8607.N1	28-SEP-2007 14:00:32	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	29165	No
125	GOM_NL__2PRFIN20070928_140749_000000362062_00053_29165_8608.N1	28-SEP-2007 14:07:49	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29165	No
126	GOM_NL__2PRFIN20070928_140940_000000362062_00053_29165_8609.N1	28-SEP-2007 14:09:40	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	29165	No
127	GOM_NL__2PRFIN20070928_141541_000000352062_00053_29165_8610.N1	28-SEP-2007 14:15:41	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	29165	No
128	GOM_NL__2PRFIN20070928_141710_000000342062_00053_29165_8611.N1	28-SEP-2007 14:17:10	Bright	34.000	82	48Bet UMa	2.3650	10600.	68	29165	No
129	GOM_NL__2PRFIN20070928_142022_000000372062_00053_29165_8612.N1	28-SEP-2007 14:20:22	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	29165	No
130	GOM_NL__2PRFIN20070928_142700_000000352062_00053_29165_8613.N1	28-SEP-2007 14:27:00	Bright	34.500	166	17Eps Leo	2.9800	6000.0	69	29165	No
131	GOM_NL__2PRFIN20070928_143626_000000462062_00053_29165_8614.N1	28-SEP-2007 14:36:26	Twilight	46.000	48	30Alp Hya	1.9770	4100.0	92	29165	No
132	GOM_NL__2PRFIN20070928_144607_000000392062_00053_29165_8615.N1	28-SEP-2007 14:46:07	Dark	39.000	65	Lam Vel	2.2040	4400.0	78	29165	No
133	GOM_NL__2PRFIN20070928_144926_000000412062_00053_29165_8616.N1	28-SEP-2007 14:49:26	Dark	41.000	46	Del Vel	1.9540	10600.	82	29165	No
134	GOM_NL__2PRFIN20070928_145101_000000422062_00053_29165_8617.N1	28-SEP-2007 14:51:01	Dark	41.500	41	Eps Car	1.8600	4100.0	83	29165	No
135	GOM_NL__2PRFIN20070928_150312_000000392062_00054_29166_8611.N1	28-SEP-2007 15:03:12	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	29166	No
136	GOM_NL__2PRFIN20070928_151450_000000432062_00054_29166_8612.N1	28-SEP-2007 15:14:50	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	29166	No
137	GOM_NL__2PRFIN20070928_152331_000000372062_00054_29166_8613.N1	28-SEP-2007 15:23:31	Bright	36.500	162	34Alp Aqr	2.9440	5350.0	73	29166	No
138	GOM_NL__2PRFIN20070928_153139_000000352062_00054_29166_8614.N1	28-SEP-2007 15:31:39	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	29166	No
139	GOM_NL__2PRFIN20070928_154108_000000362062_00054_29166_8615.N1	28-SEP-2007 15:41:08	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	29166	No
140	GOM_NL__2PRFIN20070928_154825_000000362062_00054_29166_8616.N1	28-SEP-2007 15:48:25	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29166	No
141	GOM_NL__2PRFIN20070928_155017_000000362062_00054_29166_8617.N1	28-SEP-2007 15:50:17	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	29166	No
142	GOM_NL__2PRFIN20070928_155617_000000522062_00054_29166_8618.N1	28-SEP-2007 15:56:17	Bright	52.000	36	50Alp UMa	1.8000	6300.0	104	29166	No
143	GOM_NL__2PRFIN20070928_155747_000000422062_00054_29166_8619.N1	28-SEP-2007 15:57:47	Bright	41.500	82	48Bet UMa	2.3650	10600.	83	29166	No
144	GOM_NL__2PRFIN20070928_160058_000000322062_00054_29166_8620.N1	28-SEP-2007 16:00:58	Bright	32.000	174	52Psi UMa	3.0040	4400.0	64	29166	No
145	GOM_NL__2PRFIN20070928_160736_000000342062_00054_29166_8621.N1	28-SEP-2007 16:07:36	Bright	34.000	166	17Eps Leo	2.9800	6000.0	68	29166	No
146	GOM_NL__2PRFIN20070928_161703_000000522062_00054_29166_8622.N1	28-SEP-2007 16:17:03	Twilight	52.000	48	30Alp Hya	1.9770	4100.0	104	29166	No
147	GOM_NL__2PRFIN20070928_162644_000000462062_00054_29166_8623.N1	28-SEP-2007 16:26:44	Dark	45.500	65	Lam Vel	2.2040	4400.0	91	29166	No
148	GOM_NL__2PRFIN20070928_163002_000000392062_00054_29166_8624.N1	28-SEP-2007 16:30:02	Dark	39.000	46	Del Vel	1.9540	10600.	78	29166	No
149	GOM_NL__2PRFIN20070928_163137_000000492062_00054_29166_8625.N1	28-SEP-2007 16:31:37	Dark	48.500	41	Eps Car	1.8600	4100.0	97	29166	No
150	GOM_NL__2PRFIN20070928_164348_000000392062_00055_29167_8629.N1	28-SEP-2007 16:43:48	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	29167	No
151	GOM_NL__2PRFIN20070928_165526_000000422062_00055_29167_8630.N1	28-SEP-2007 16:55:26	Straylight	42.000	18	24Alp PsA	1.1660	9700.0	84	29167	No
152	GOM_NL__2PRFIN20070928_170407_000000382062_00055_29167_8631.N1	28-SEP-2007 17:04:07	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	29167	No
153	GOM_NL__2PRFIN20070928_171215_000000352062_00055_29167_8632.N1	28-SEP-2007 17:12:15	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	29167	No
154	GOM_NL__2PRFIN20070928_172145_000000362062_00055_29167_8633.N1	28-SEP-2007 17:21:45	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	29167	No
155	GOM_NL__2PRFIN20070928_172901_000000362062_00055_29167_8634.N1	28-SEP-2007 17:29:01	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29167	No
156	GOM_NL__2PRFIN20070928_173053_000000362062_00055_29167_8635.N1	28-SEP-2007 17:30:53	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	29167	No
157	GOM_NL__2PRFIN20070928_173653_000000372062_00055_29167_8636.N1	28-SEP-2007 17:36:53	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	29167	No
158	GOM_NL__2PRFIN20070928_173823_000000522062_00055_29167_8637.N1	28-SEP-2007 17:38:23	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	29167	No
159	GOM_NL__2PRFIN20070928_174134_000000522062_00055_29167_8638.N1	28-SEP-2007 17:41:34	Bright	52.000	174	52Psi UMa	3.0040	4400.0	104	29167	No
160	GOM_NL__2PRFIN20070928_174812_000000532062_00055_29167_8639.N1	28-SEP-2007 17:48:12	Bright	53.000	166	17Eps Leo	2.9800	6000.0	106	29167	No

161	GOM_NL__2PRFIN20070928_175739_000000502062_00055_29167_8640.N1	28-SEP-2007 17:57:39	Twilight	49.500	48	30Alp Hya	1.9770	4100.0	99	29167	No
162	GOM_NL__2PRFIN20070928_180720_000000422062_00055_29167_8641.N1	28-SEP-2007 18:07:20	Dark	42.000	65	Lam Vel	2.2040	4400.0	84	29167	No
163	GOM_NL__2PRFIN20070928_181038_000000382062_00055_29167_8642.N1	28-SEP-2007 18:10:38	Dark	38.000	46	Del Vel	1.9540	10600.	76	29167	No
164	GOM_NL__2PRFIN20070928_181213_000000472062_00055_29167_8643.N1	28-SEP-2007 18:12:13	Dark	47.000	41	Eps Car	1.8600	4100.0	94	29167	No
165	GOM_NL__2PRFIN20070928_182425_000000382062_00056_29168_8649.N1	28-SEP-2007 18:24:25	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	29168	No
166	GOM_NL__2PRFIN20070928_183603_000000432062_00056_29168_8650.N1	28-SEP-2007 18:36:03	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	29168	No
167	GOM_NL__2PRFIN20070928_184443_000000362062_00056_29168_8651.N1	28-SEP-2007 18:44:43	Bright	35.500	162	34Alp Aqr	2.9440	5350.0	71	29168	No
168	GOM_NL__2PRFIN20070928_185251_000000362062_00056_29168_8652.N1	28-SEP-2007 18:52:51	Bright	35.500	164	44Eta Peg	2.9480	5400.0	71	29168	No
169	GOM_NL__2PRFIN20070928_190221_000000362062_00056_29168_8653.N1	28-SEP-2007 19:02:21	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	29168	No
170	GOM_NL__2PRFIN20070928_190937_000000362062_00056_29168_8654.N1	28-SEP-2007 19:09:37	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	29168	No
171	GOM_NL__2PRFIN20070928_191129_000000362062_00056_29168_8655.N1	28-SEP-2007 19:11:29	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	29168	No
172	GOM_NL__2PRFIN20070928_191729_000000342062_00056_29168_8656.N1	28-SEP-2007 19:17:29	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	29168	No
173	GOM_NL__2PRFIN20070928_191859_000000332062_00056_29168_8657.N1	28-SEP-2007 19:18:59	Bright	32.500	82	48Bet UMa	2.3650	10600.	65	29168	No
174	GOM_NL__2PRFIN20070928_192210_000000342062_00056_29168_8658.N1	28-SEP-2007 19:22:10	Bright	34.000	174	52Psi UMa	3.0040	4400.0	68	29168	No
175	GOM_NL__2PRFIN20070928_192849_000000532062_00056_29168_8659.N1	28-SEP-2007 19:28:49	Bright	52.500	166	17Eps Leo	2.9800	6000.0	105	29168	No
176	GOM_NL__2PRFIN20070928_193815_000000502062_00056_29168_8660.N1	28-SEP-2007 19:38:15	Twilight	49.500	48	30Alp Hya	1.9770	4100.0	99	29168	No
177	GOM_NL__2PRFIN20070928_194756_000000412062_00056_29168_8661.N1	28-SEP-2007 19:47:56	Dark	41.000	65	Lam Vel	2.2040	4400.0	82	29168	No
178	GOM_NL__2PRFIN20070928_195114_000000382062_00056_29168_8662.N1	28-SEP-2007 19:51:14	Dark	37.500	46	Del Vel	1.9540	10600.	75	29168	No
179	GOM_NL__2PRFIN20070928_195250_000000432062_00056_29168_8663.N1	28-SEP-2007 19:52:50	Dark	43.000	41	Eps Car	1.8600	4100.0	86	29168	No
180	GOM_NL__2PRFIN20070928_200501_000000392062_00057_29169_8654.N1	28-SEP-2007 20:05:01	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	29169	No
181	GOM_NL__2PRFIN20070928_201639_000000412062_00057_29169_8655.N1	28-SEP-2007 20:16:39	Straylight	41.000	18	24Alp PsA	1.1660	9700.0	82	29169	No
182	GOM_NL__2PRFIN20070928_202519_000000372062_00057_29169_8656.N1	28-SEP-2007 20:25:19	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	29169	No
183	GOM_NL__2PRFIN20070928_203327_000000362062_00057_29169_8657.N1	28-SEP-2007 20:33:27	Bright	35.500	164	44Eta Peg	2.9480	5400.0	71	29169	No
184	GOM_NL__2PRFIN20070928_204257_000000342062_00057_29169_8658.N1	28-SEP-2007 20:42:57	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	29169	No
185	GOM_NL__2PRFIN20070928_205013_000000352062_00057_29169_8659.N1	28-SEP-2007 20:50:13	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	29169	No
186	GOM_NL__2PRFIN20070928_205205_000000362062_00057_29169_8660.N1	28-SEP-2007 20:52:05	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	29169	No
187	GOM_NL__2PRFIN20070928_205805_000000522062_00057_29169_8661.N1	28-SEP-2007 20:58:05	Bright	52.000	36	50Alp UMa	1.8000	6300.0	104	29169	No
188	GOM_NL__2PRFIN20070928_205935_000000422062_00057_29169_8662.N1	28-SEP-2007 20:59:35	Bright	41.500	82	48Bet UMa	2.3650	10600.	83	29169	No
189	GOM_NL__2PRFIN20070928_210246_000000342062_00057_29169_8663.N1	28-SEP-2007 21:02:46	Bright	33.500	174	52Psi UMa	3.0040	4400.0	67	29169	No
190	GOM_NL__2PRFIN20070928_210925_000000532062_00057_29169_8664.N1	28-SEP-2007 21:09:25	Bright	53.000	166	17Eps Leo	2.9800	6000.0	106	29169	No
191	GOM_NL__2PRFIN20070928_211852_000000492062_00057_29169_8665.N1	28-SEP-2007 21:18:52	Twilight	48.500	48	30Alp Hya	1.9770	4100.0	97	29169	No
192	GOM_NL__2PRFIN20070928_212833_000000402062_00057_29169_8666.N1	28-SEP-2007 21:28:33	Dark	39.500	65	Lam Vel	2.2040	4400.0	79	29169	No
193	GOM_NL__2PRFIN20070928_213151_000000392062_00057_29169_8667.N1	28-SEP-2007 21:31:51	Dark	38.500	46	Del Vel	1.9540	10600.	77	29169	No
194	GOM_NL__2PRFIN20070928_213326_000000482062_00057_29169_8668.N1	28-SEP-2007 21:33:26	Dark	48.000	41	Eps Car	1.8600	4100.0	96	29169	No
195	GOM_NL__2PRFIN20070928_214538_000000402062_00058_29170_8674.N1	28-SEP-2007 21:45:38	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	29170	No
196	GOM_NL__2PRFIN20070928_215715_000000422062_00058_29170_8675.N1	28-SEP-2007 21:57:15	Straylight	41.500	18	24Alp PsA	1.1660	9700.0	83	29170	No
197	GOM_NL__2PRFIN20070928_221403_000000362062_00058_29170_8676.N1	28-SEP-2007 22:14:03	Bright	36.000	164	44Eta Peg	2.9480	5400.0	72	29170	No
198	GOM_NL__2PRFIN20070928_222333_000000332062_00058_29170_8677.N1	28-SEP-2007 22:23:33	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	29170	No
199	GOM_NL__2PRFIN20070928_223049_000000372062_00058_29170_8678.N1	28-SEP-2007 22:30:49	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	29170	No
200	GOM_NL__2PRFIN20070928_223242_000000322062_00058_29170_8679.N1	28-SEP-2007 22:32:42	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	29170	No
201	GOM_NL__2PRFIN20070928_223841_000000522062_00058_29170_8680.N1	28-SEP-2007 22:38:41	Bright	52.000	36	50Alp UMa	1.8000	6300.0	104	29170	No
202	GOM_NL__2PRFIN20070928_224011_000000522062_00058_29170_8681.N1	28-SEP-2007 22:40:11	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	29170	No
203	GOM_NL__2PRFIN20070928_224322_000000332062_00058_29170_8682.N1	28-SEP-2007 22:43:22	Bright	33.000	174	52Psi UMa	3.0040	4400.0	66	29170	No
204	GOM_NL__2PRFIN20070928_225001_000000302062_00058_29170_8683.N1	28-SEP-2007 22:50:01	Bright	30.000	166	17Eps Leo	2.9800	6000.0	60	29170	No
205	GOM_NL__2PRFIN20070928_225928_000000442062_00058_29170_8684.N1	28-SEP-2007 22:59:28	Twilight	44.000	48	30Alp Hya	1.9770	4100.0	88	29170	No
206	GOM_NL__2PRFIN20070928_230909_000000462062_00058_29170_8685.N1	28-SEP-2007 23:09:09	Dark	46.000	65	Lam Vel	2.2040	4400.0	92	29170	No
207	GOM_NL__2PRFIN20070928_231227_000000412062_00058_29170_8686.N1	28-SEP-2007 23:12:27	Dark	40.500	46	Del Vel	1.9540	10600.	81	29170	No
208	GOM_NL__2PRFIN20070928_231402_000000392062_00058_29170_8687.N1	28-SEP-2007 23:14:02	Dark	38.500	41	Eps Car	1.8600	4100.0	77	29170	No
209	GOM_NL__2PRFIN20070928_232614_000000392062_00059_29171_8708.N1	28-SEP-2007 23:26:14	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	29171	No
210	GOM_NL__2PRFIN20070928_233751_000000432062_00059_29171_8709.N1	28-SEP-2007 23:37:51	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	29171	No
211	GOM_NL__2PRFIN20070928_235439_000000352062_00059_29171_8710.N1	28-SEP-2007 23:54:39	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	29171	No

3. Quality information per product

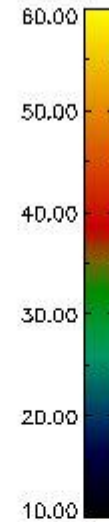
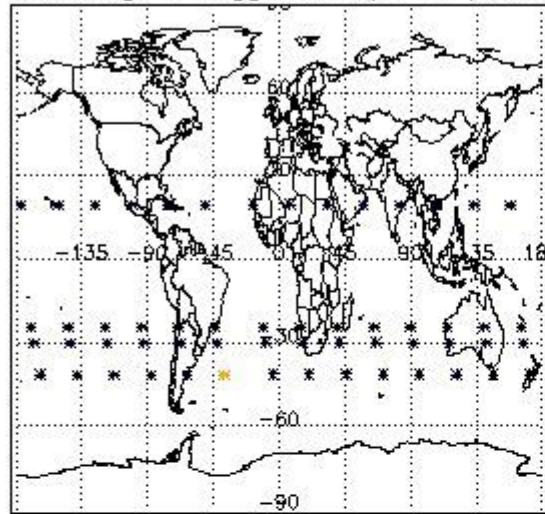
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

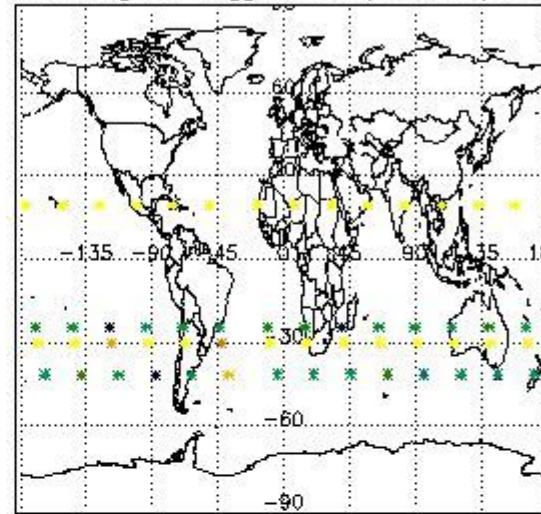


3.2 Plot quality information per product (world map)

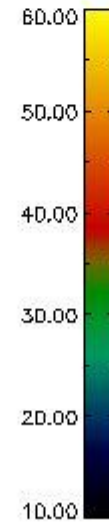
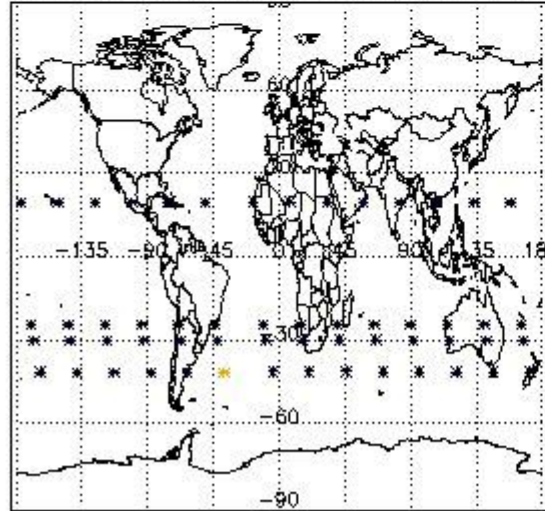
Percentage of flagged data per O3 profile



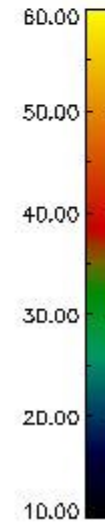
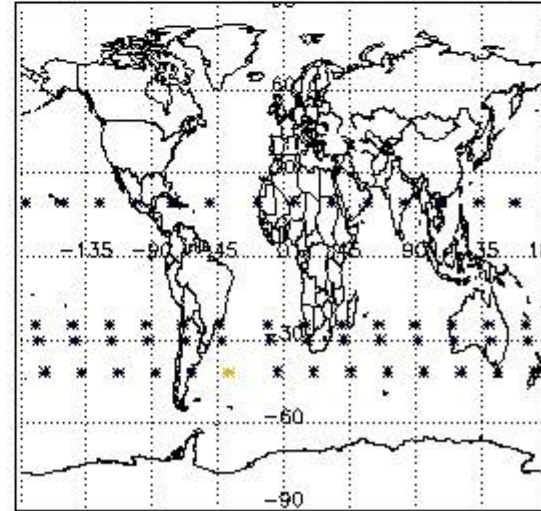
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

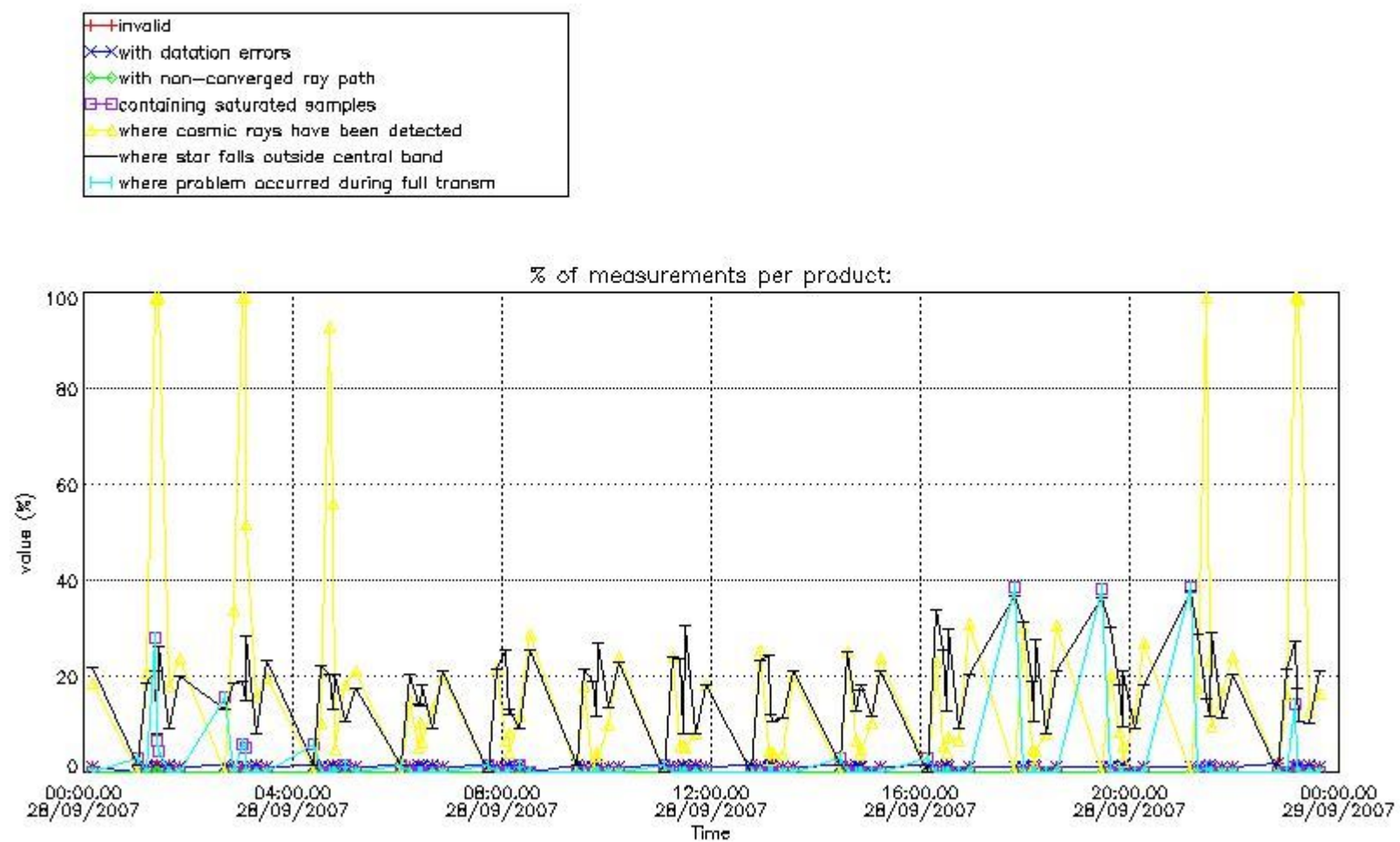


4. Level 1 quality information per product

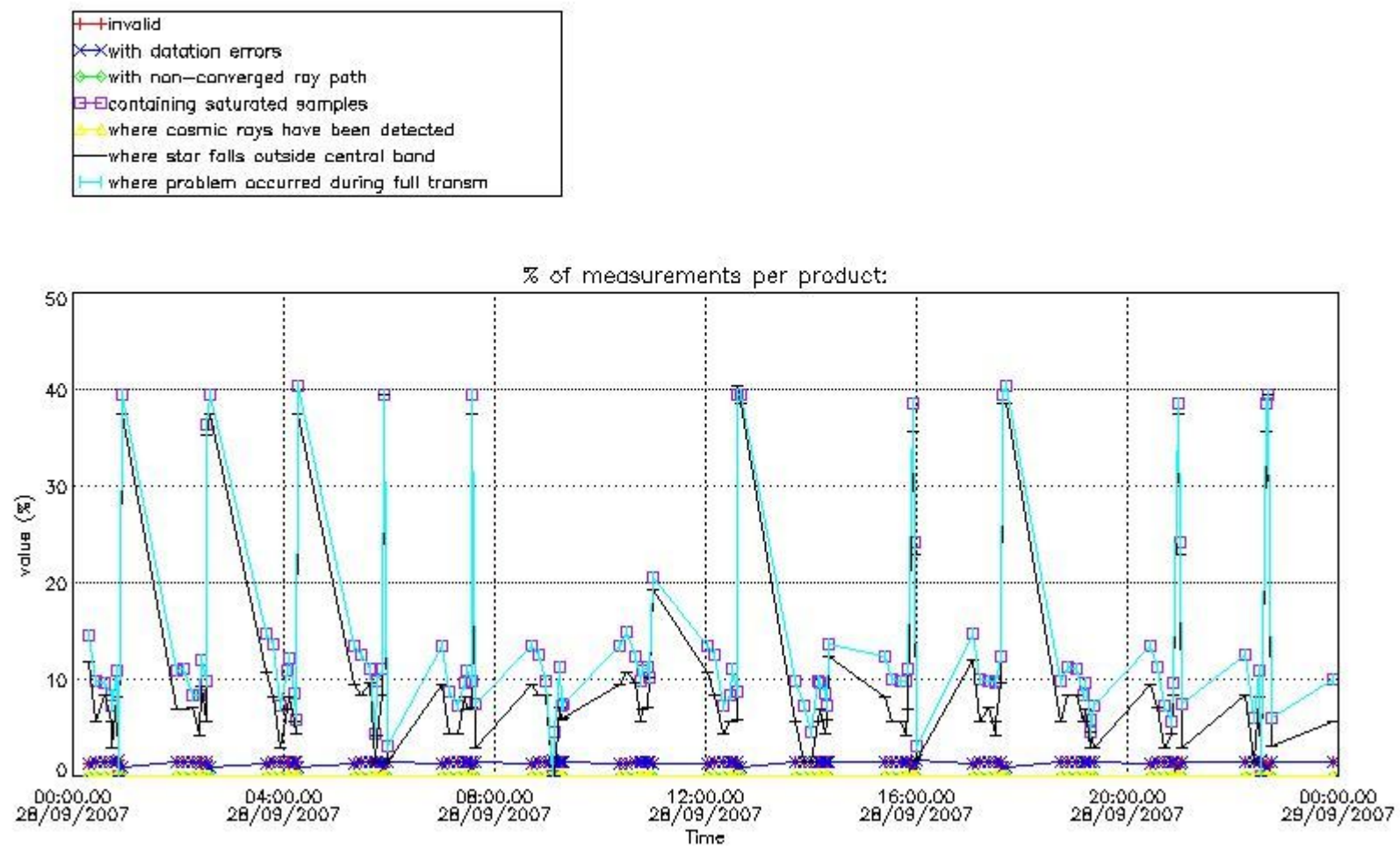
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

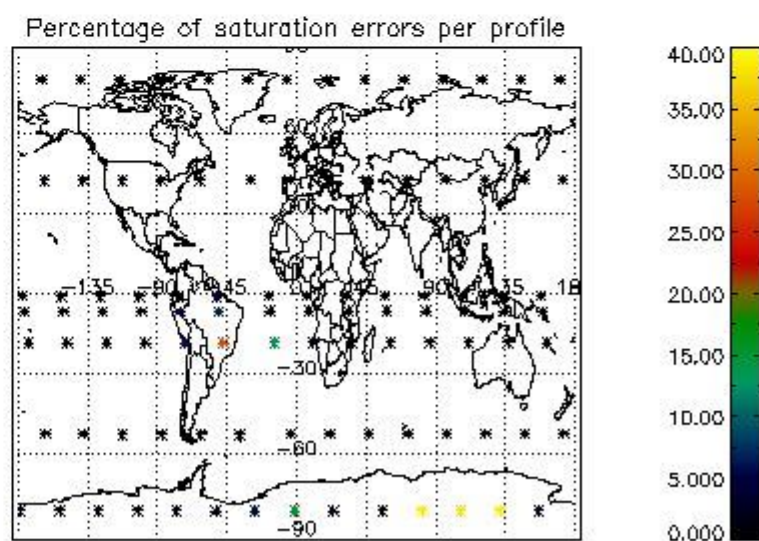
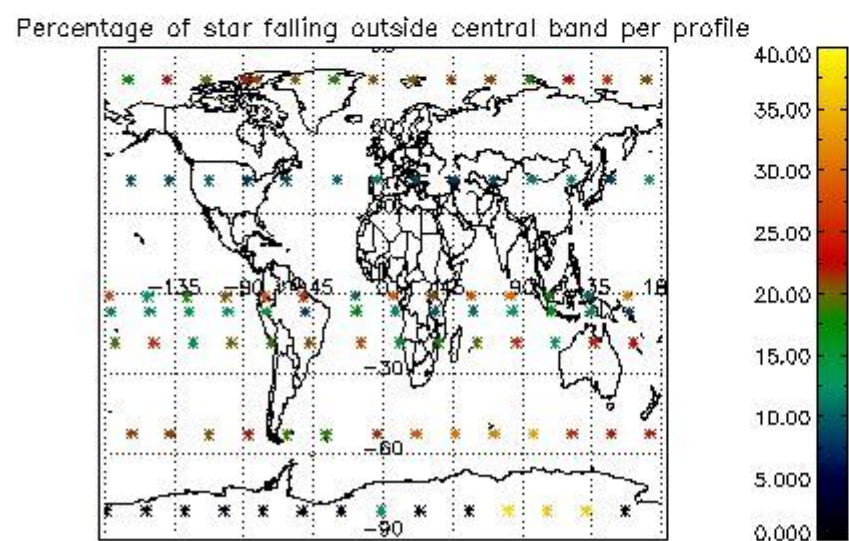
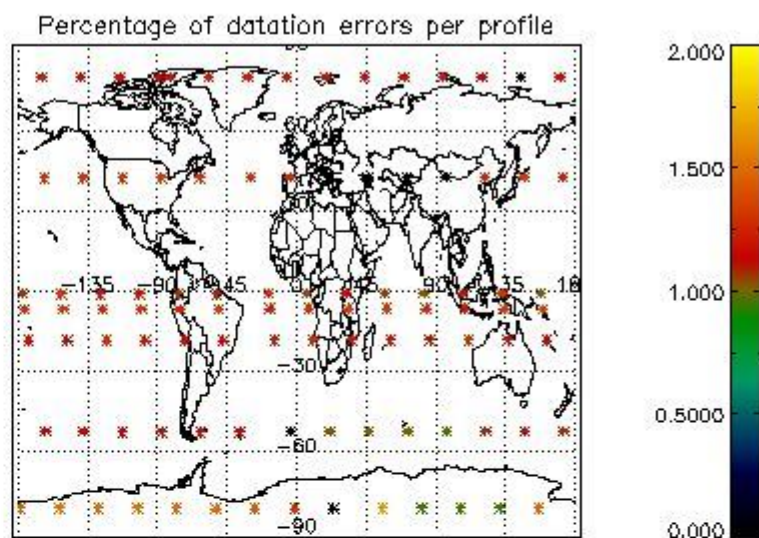
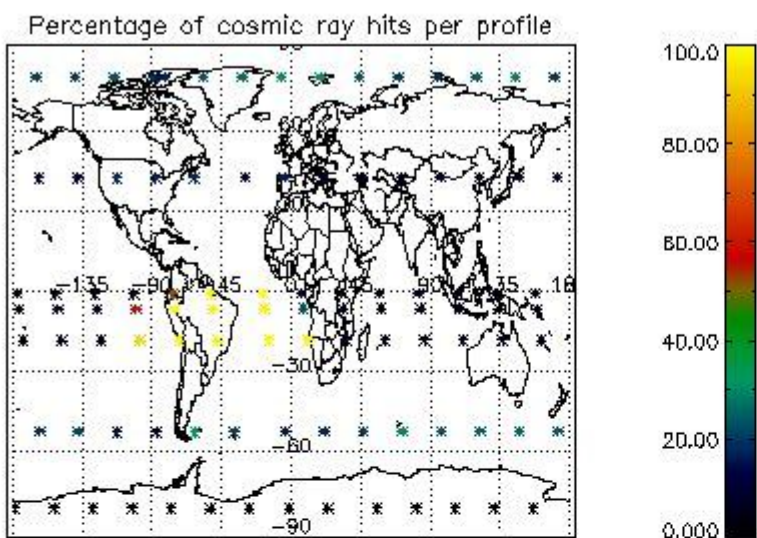


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

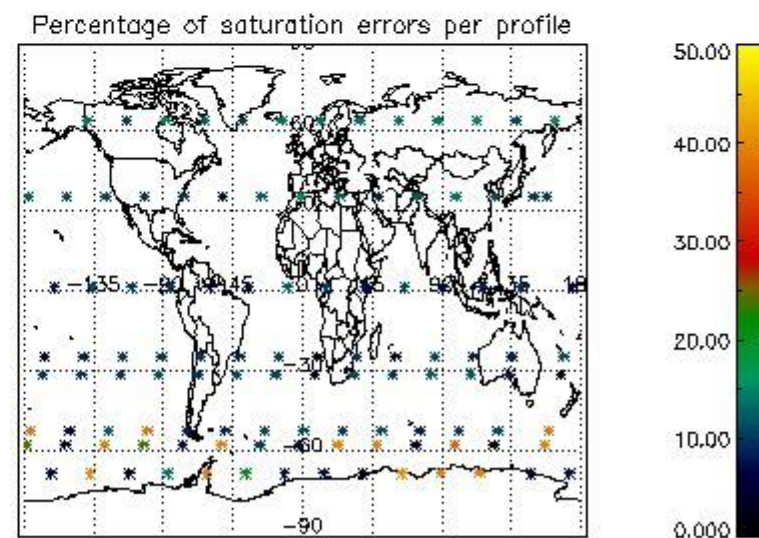
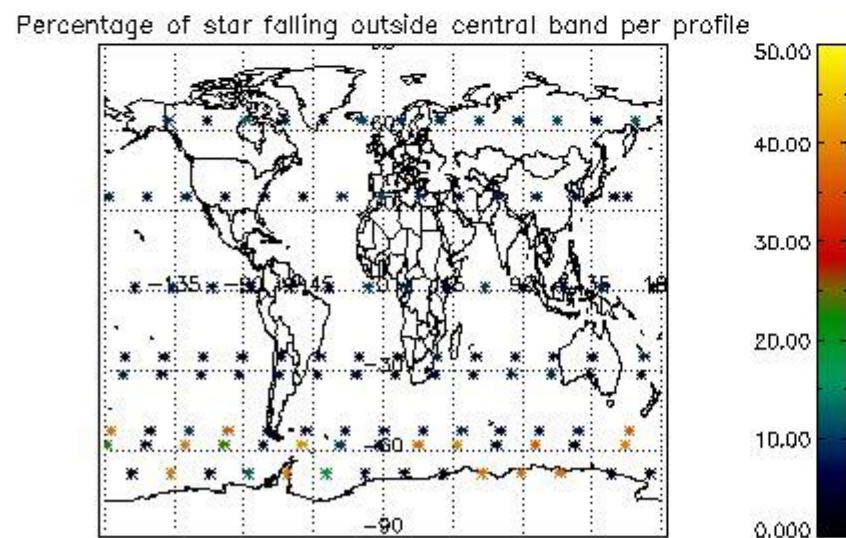
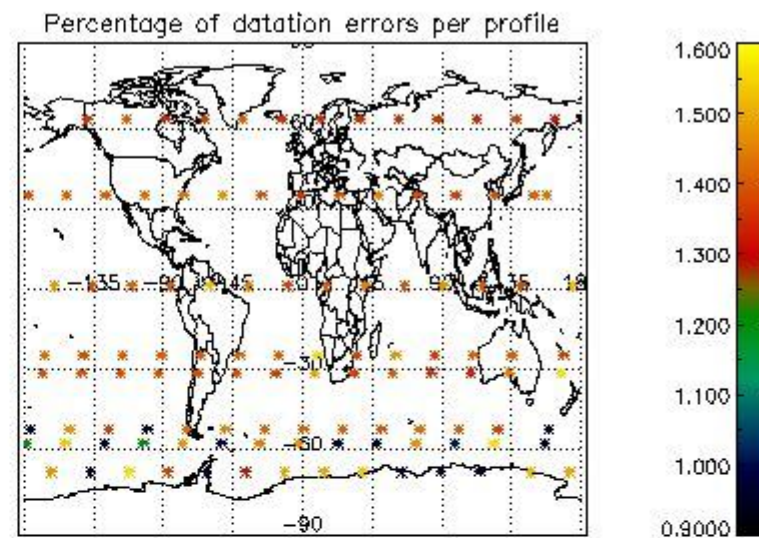
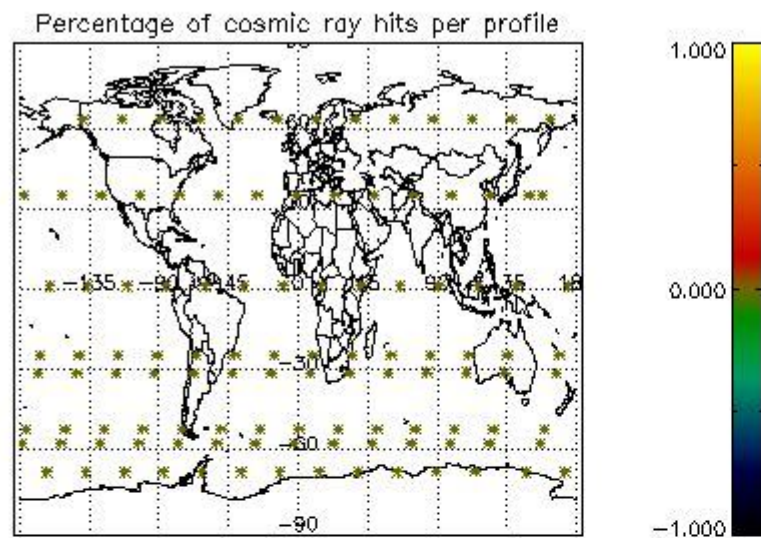


4.2 Plot quality information per product coming from level 1b processing (world map)

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

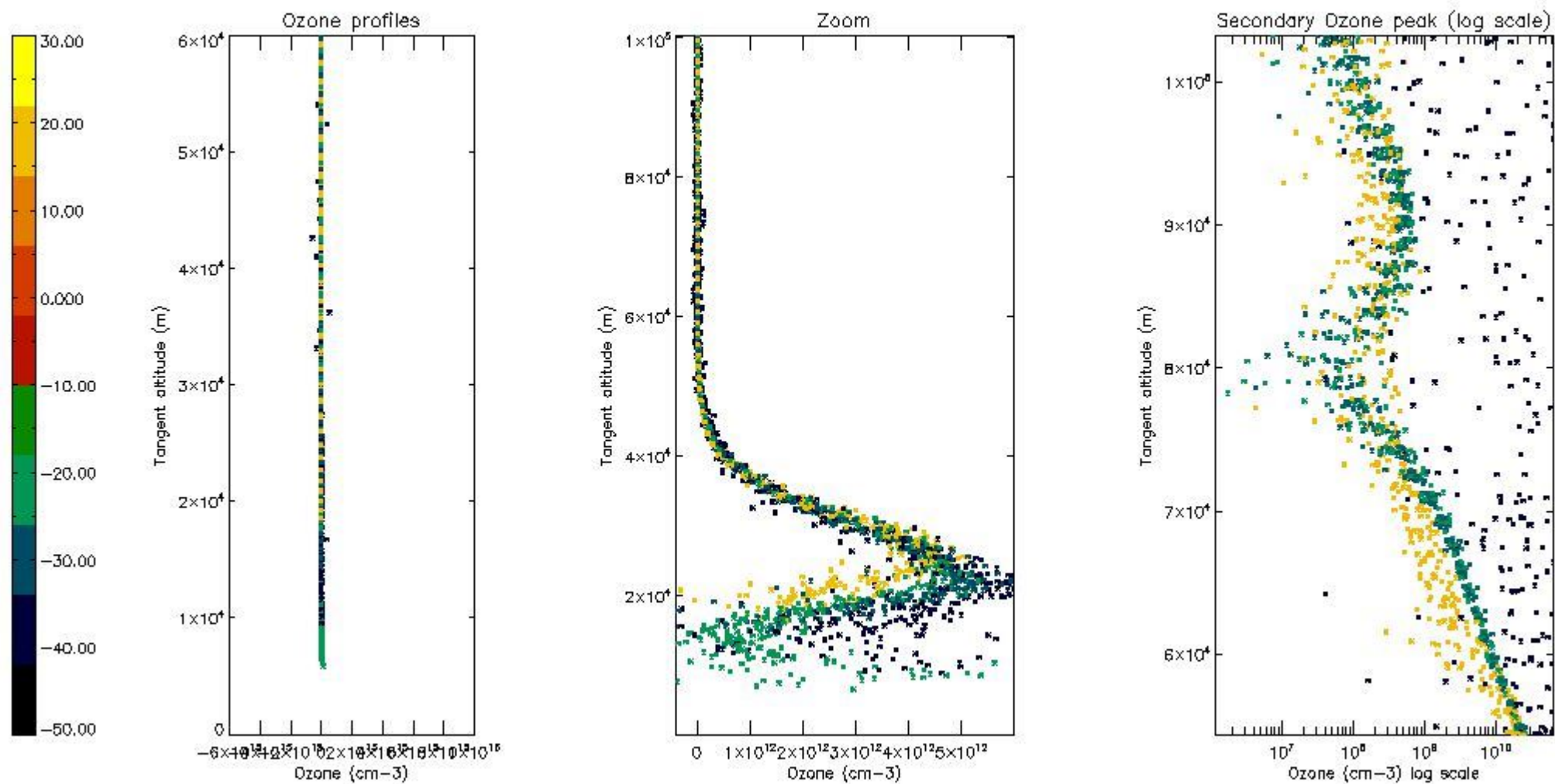
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	13

STD < 10	9
STD < 5	2

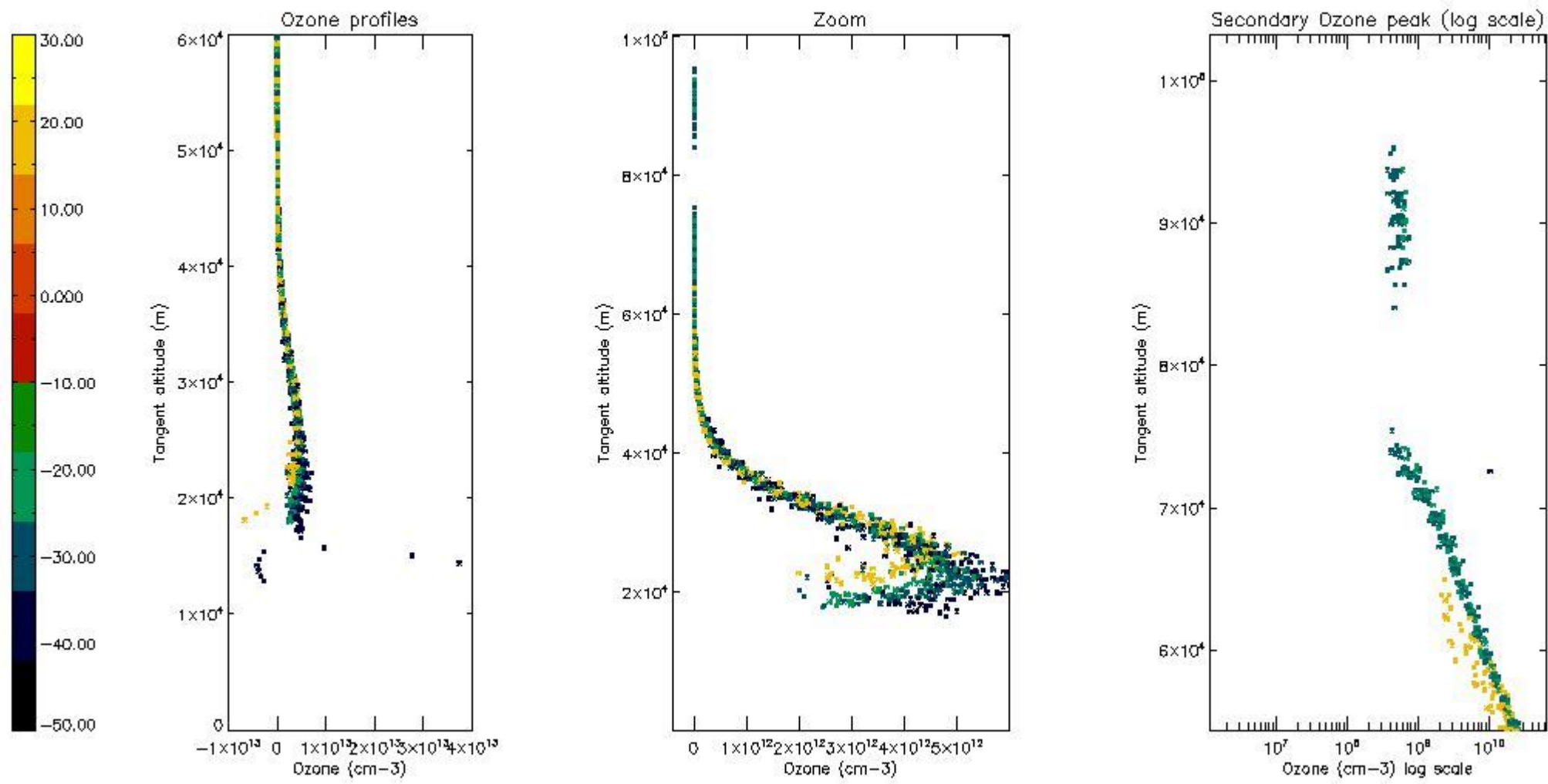
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



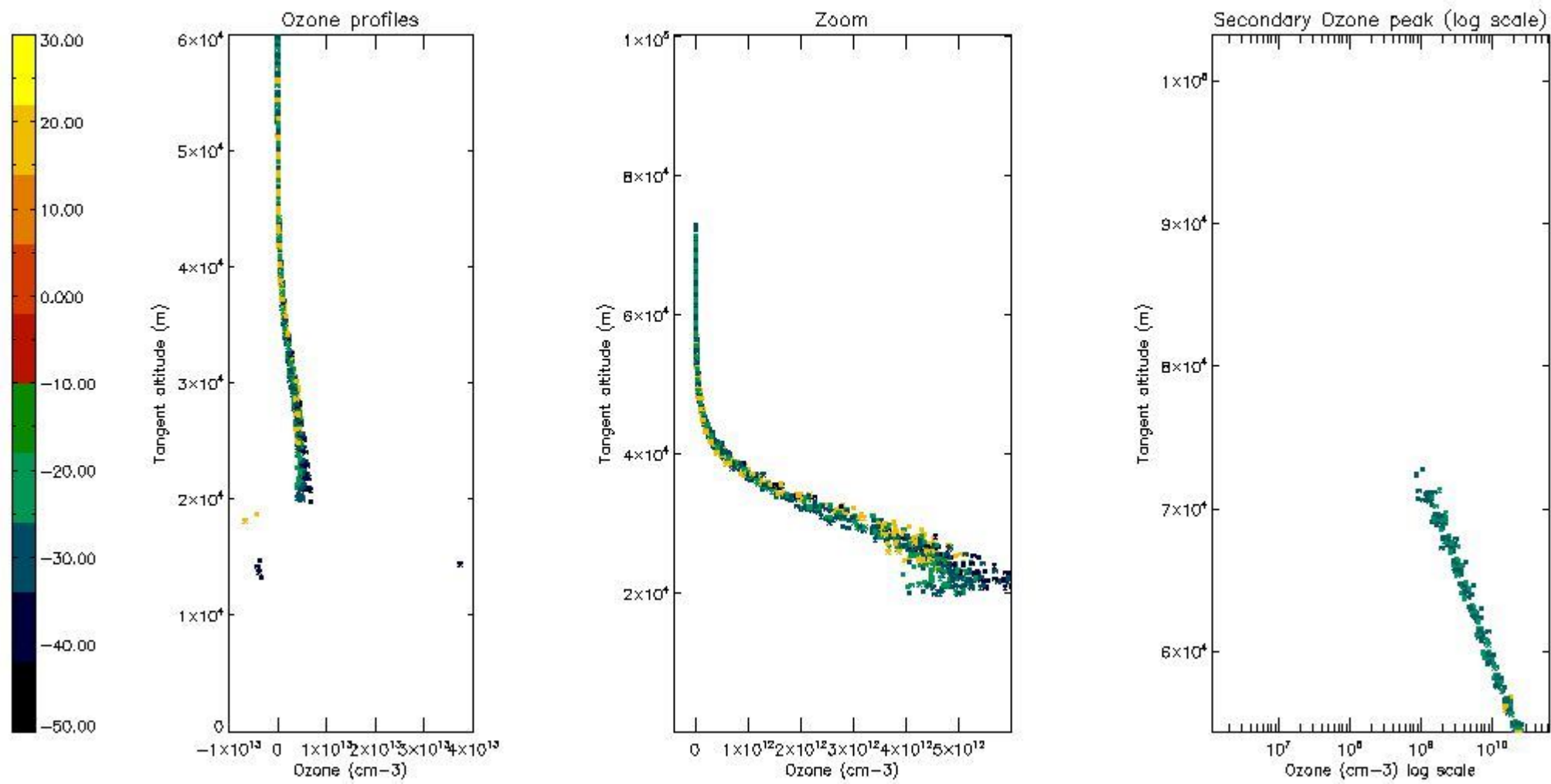
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



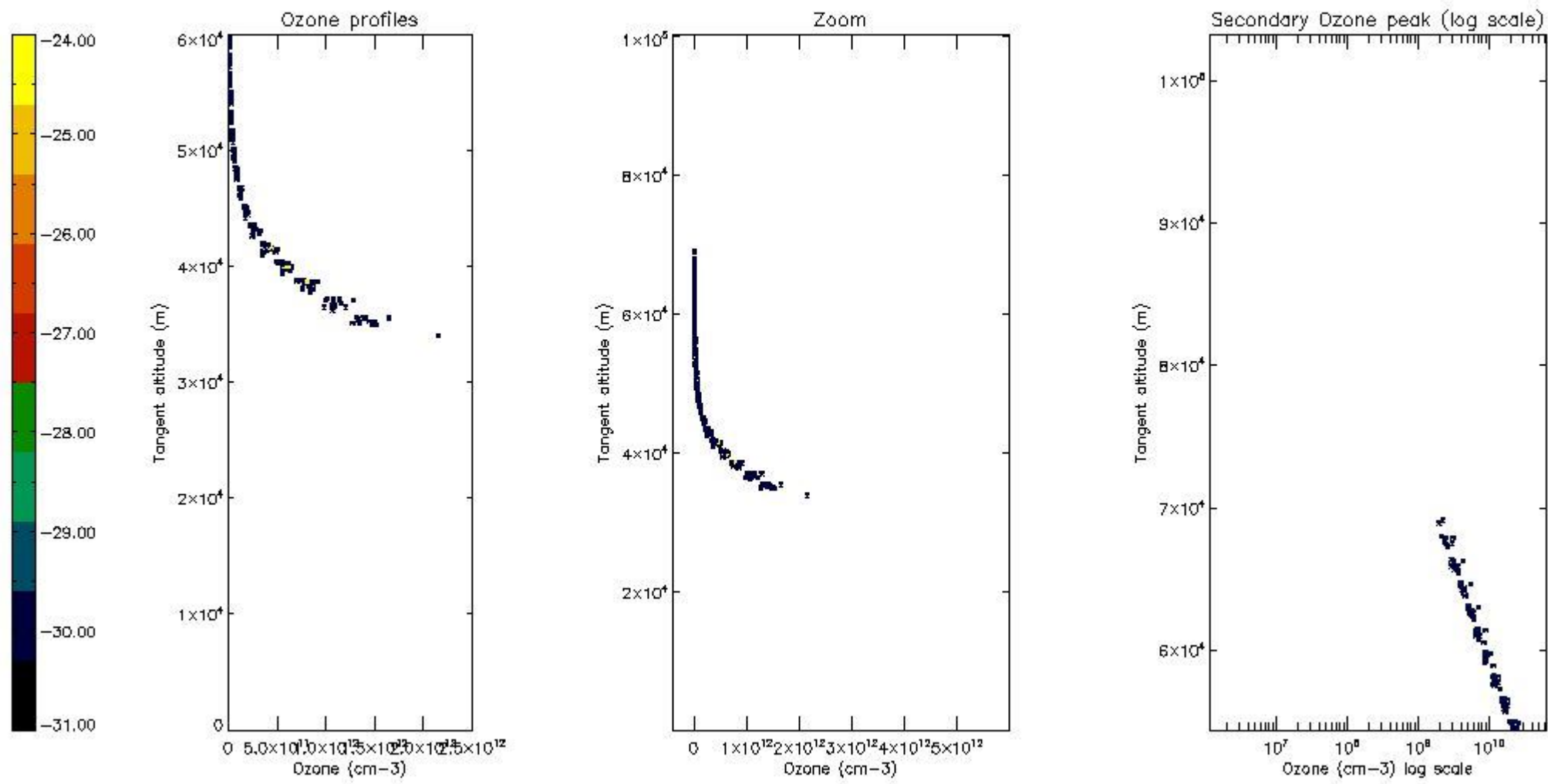
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



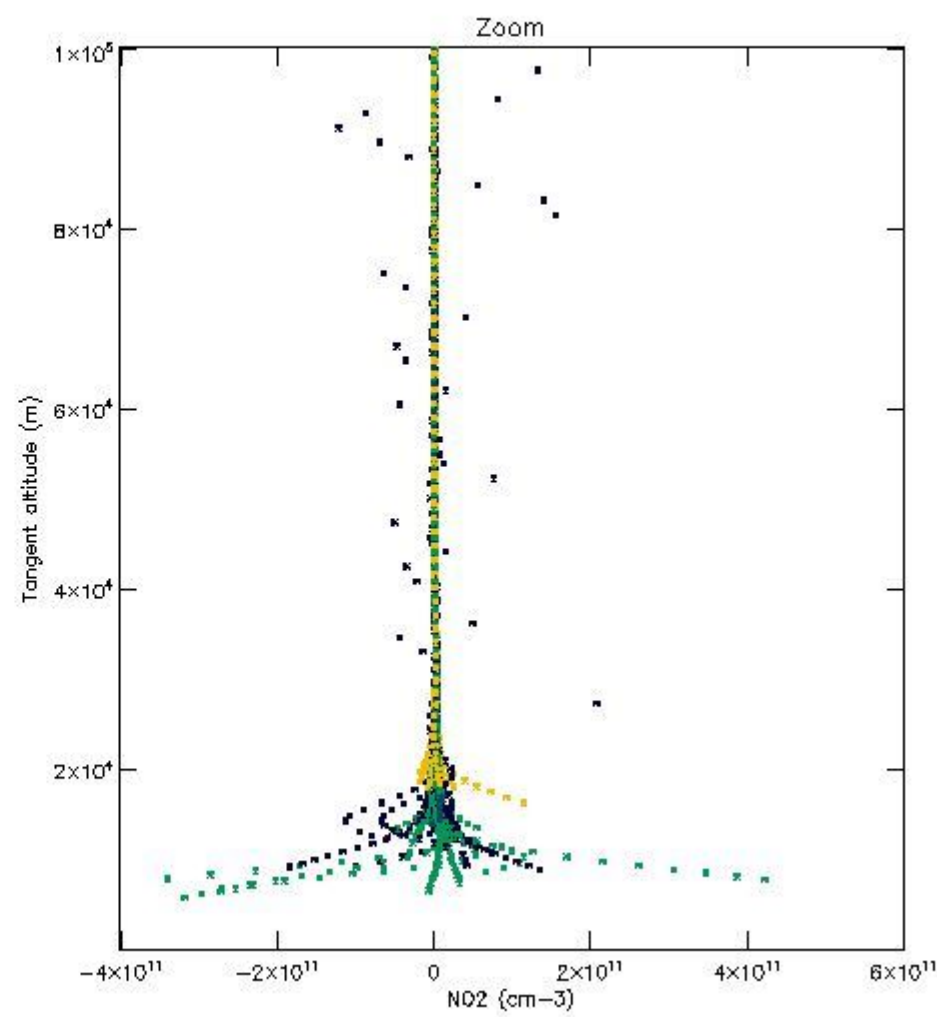
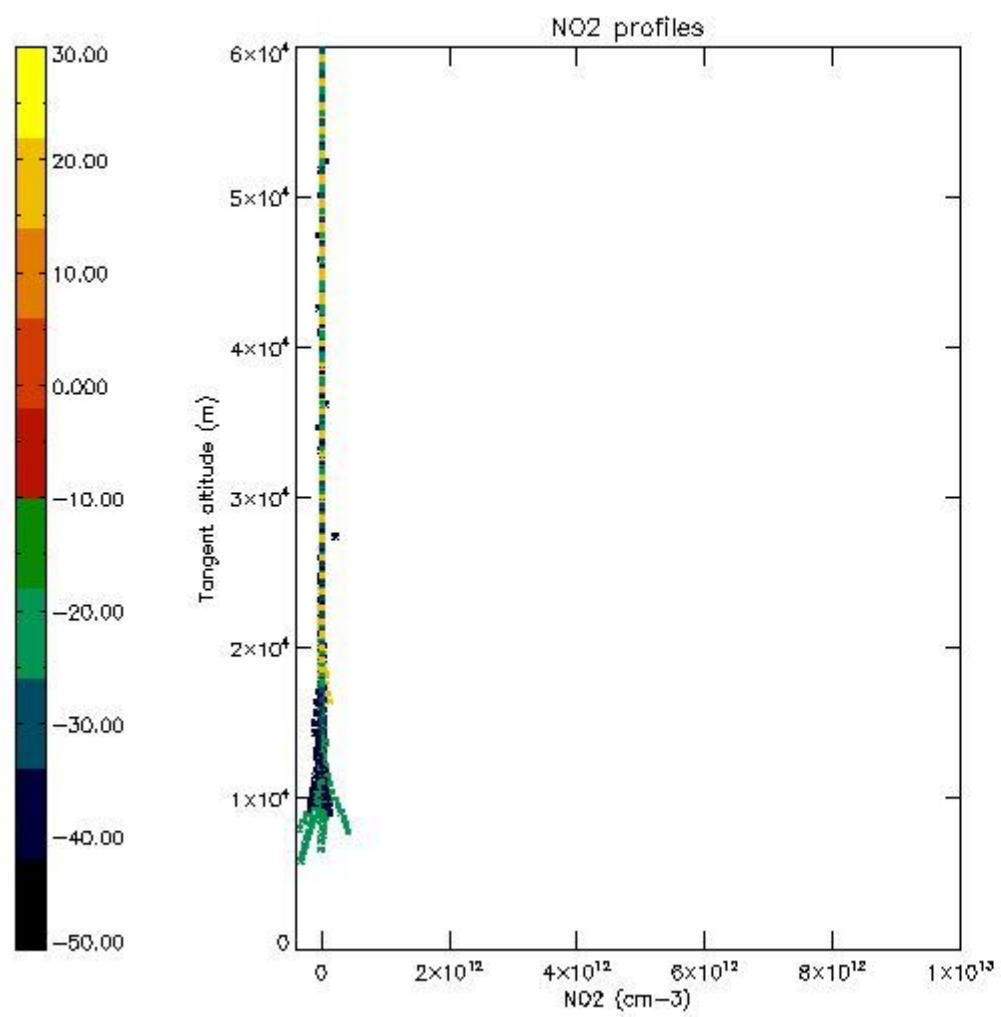
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



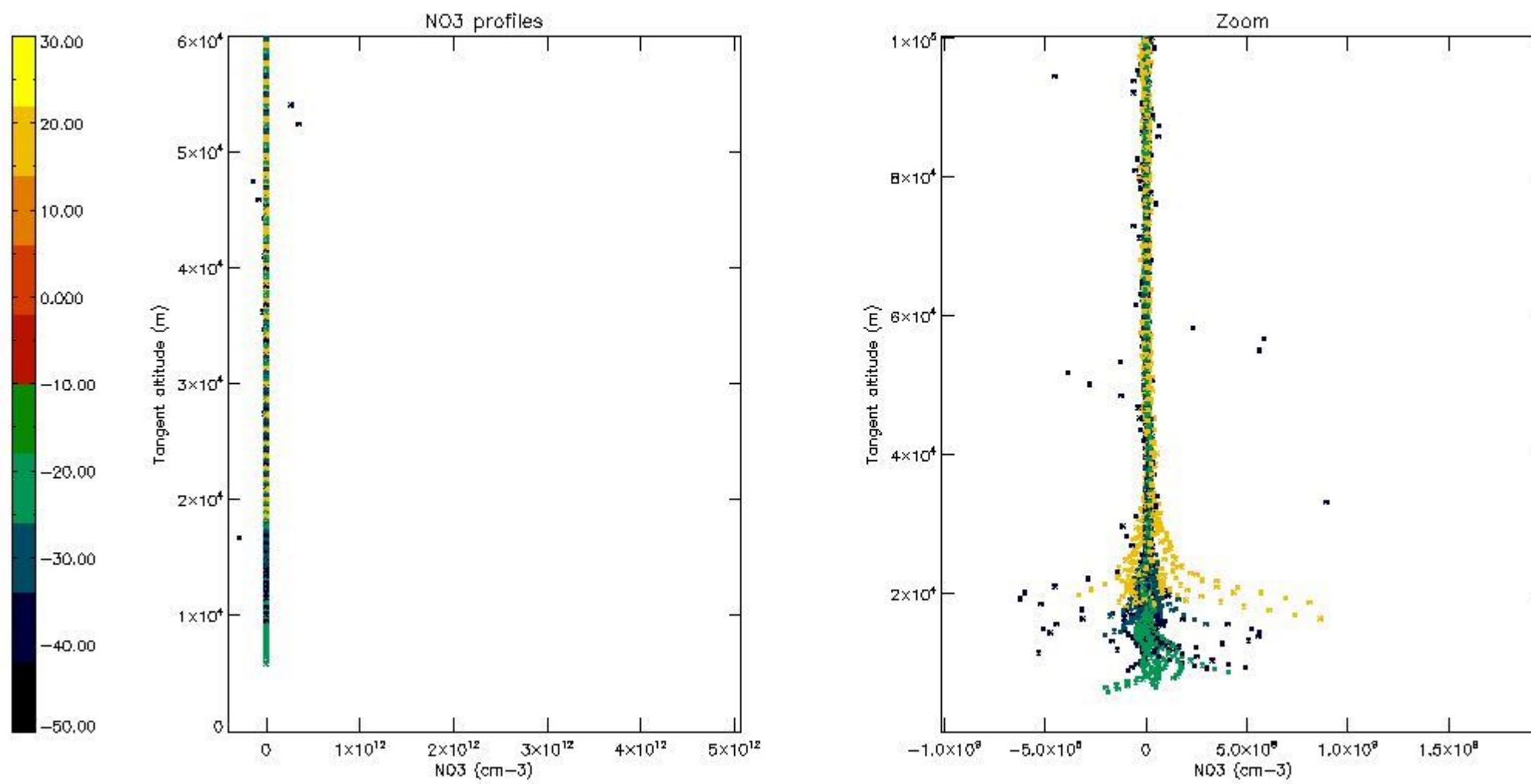
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	28-SEP-2007 00:09:25
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	28-SEP-2007 00:09:25
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	28-SEP-2007 00:09:25

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	23APR2013 06:10:47
Data source version	GOMOS/6.01
Start time of products	28-09-2007 (28SEP2007 00:00:00)
Stop time of products	29-09-2007 (29SEP2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	211
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__2PRFIN20070928_000925_000000442062_00045_29157_8444.N1	28-SEP-2007 00:09:25	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	29157	No
2	GOM_NL__2PRFIN20070928_001805_000000382062_00045_29157_8445.N1	28-SEP-2007 00:18:05	Bright	38.000	162	34Alp Aqr	2.9440	5350.0	76	29157	No
3	GOM_NL__2PRFIN20070928_002615_000000362062_00045_29157_8446.N1	28-SEP-2007 00:26:15	Bright	35.500	164	44Eta Peg	2.9480	5400.0	71	29157	No
4	GOM_NL__2PRFIN20070928_003543_000000362062_00045_29157_8447.N1	28-SEP-2007 00:35:43	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	29157	No
5	GOM_NL__2PRFIN20070928_004302_000000362062_00045_29157_8448.N1	28-SEP-2007 00:43:02	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29157	No
6	GOM_NL__2PRFIN20070928_004450_000000352062_00045_29157_8449.N1	28-SEP-2007 00:44:50	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	29157	No
7	GOM_NL__2PRFIN20070928_005052_000000372062_00045_29157_8450.N1	28-SEP-2007 00:50:52	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	29157	No
8	GOM_NL__2PRFIN20070928_005221_000000322062_00045_29157_8451.N1	28-SEP-2007 00:52:21	Bright	32.000	82	48Bet UMa	2.3650	10600.	64	29157	No
9	GOM_NL__2PRFIN20070928_005532_000000522062_00045_29157_8452.N1	28-SEP-2007 00:55:32	Bright	52.000	174	52Psi UMa	3.0040	4400.0	104	29157	No
10	GOM_NL__2PRFIN20070928_010211_000000332062_00045_29157_8453.N1	28-SEP-2007 01:02:11	Bright	33.000	166	17Eps Leo	2.9800	6000.0	66	29157	No
11	GOM_NL__2PRFIN20070928_011136_000000442062_00045_29157_8454.N1	28-SEP-2007 01:11:36	Twilight	43.500	48	30Alp Hya	1.9770	4100.0	87	29157	No
12	GOM_NL__2PRFIN20070928_012117_000000432062_00045_29157_8455.N1	28-SEP-2007 01:21:17	Dark	43.000	65	Lam Vel	2.2040	4400.0	86	29157	No
13	GOM_NL__2PRFIN20070928_012435_000000382062_00045_29157_8456.N1	28-SEP-2007 01:24:35	Dark	37.500	46	Del Vel	1.9540	10600.	75	29157	No
14	GOM_NL__2PRFIN20070928_012610_000000462062_00045_29157_8457.N1	28-SEP-2007 01:26:10	Dark	46.000	41	Eps Car	1.8600	4100.0	92	29157	No
15	GOM_NL__2PRFIN20070928_013821_000000392062_00046_29158_8450.N1	28-SEP-2007 01:38:21	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	29158	No
16	GOM_NL__2PRFIN20070928_015001_000000432062_00046_29158_8451.N1	28-SEP-2007 01:50:01	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	29158	No
17	GOM_NL__2PRFIN20070928_015841_000000372062_00046_29158_8452.N1	28-SEP-2007 01:58:41	Bright	36.500	162	34Alp Aqr	2.9440	5350.0	73	29158	No
18	GOM_NL__2PRFIN20070928_020651_000000362062_00046_29158_8453.N1	28-SEP-2007 02:06:51	Bright	36.000	164	44Eta Peg	2.9480	5400.0	72	29158	No
19	GOM_NL__2PRFIN20070928_021619_000000362062_00046_29158_8454.N1	28-SEP-2007 02:16:19	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	29158	No
20	GOM_NL__2PRFIN20070928_022338_000000362062_00046_29158_8455.N1	28-SEP-2007 02:23:38	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29158	No
21	GOM_NL__2PRFIN20070928_022526_000000382062_00046_29158_8456.N1	28-SEP-2007 02:25:26	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	29158	No
22	GOM_NL__2PRFIN20070928_023128_000000362062_00046_29158_8457.N1	28-SEP-2007 02:31:28	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	29158	No
23	GOM_NL__2PRFIN20070928_023258_000000502062_00046_29158_8458.N1	28-SEP-2007 02:32:58	Bright	49.500	82	48Bet UMa	2.3650	10600.	99	29158	No
24	GOM_NL__2PRFIN20070928_023608_000000522062_00046_29158_8459.N1	28-SEP-2007 02:36:08	Bright	52.000	174	52Psi UMa	3.0040	4400.0	104	29158	No
25	GOM_NL__2PRFIN20070928_024247_000000392062_00046_29158_8460.N1	28-SEP-2007 02:42:47	Bright	38.500	166	17Eps Leo	2.9800	6000.0	77	29158	No
26	GOM_NL__2PRFIN20070928_025212_000000432062_00046_29158_8461.N1	28-SEP-2007 02:52:12	Twilight	43.000	48	30Alp Hya	1.9770	4100.0	86	29158	No
27	GOM_NL__2PRFIN20070928_030153_000000432062_00046_29158_8462.N1	28-SEP-2007 03:01:53	Dark	42.500	65	Lam Vel	2.2040	4400.0	85	29158	No
28	GOM_NL__2PRFIN20070928_030511_000000402062_00046_29158_8463.N1	28-SEP-2007 03:05:11	Dark	40.000	46	Del Vel	1.9540	10600.	80	29158	No
29	GOM_NL__2PRFIN20070928_030646_000000482062_00046_29158_8464.N1	28-SEP-2007 03:06:46	Dark	47.500	41	Eps Car	1.8600	4100.0	95	29158	No
30	GOM_NL__2PRFIN20070928_031858_000000382062_00047_29159_8465.N1	28-SEP-2007 03:18:58	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	29159	No
31	GOM_NL__2PRFIN20070928_033037_000000432062_00047_29159_8466.N1	28-SEP-2007 03:30:37	Straylight	43.000	18	24Alp PsA	1.1660	9700.0	86	29159	No
32	GOM_NL__2PRFIN20070928_033918_000000382062_00047_29159_8467.N1	28-SEP-2007 03:39:18	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	29159	No
33	GOM_NL__2PRFIN20070928_034728_000000372062_00047_29159_8468.N1	28-SEP-2007 03:47:28	Bright	36.500	164	44Eta Peg	2.9480	5400.0	73	29159	No
34	GOM_NL__2PRFIN20070928_035656_000000342062_00047_29159_8469.N1	28-SEP-2007 03:56:56	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	29159	No
35	GOM_NL__2PRFIN20070928_040414_000000372062_00047_29159_8470.N1	28-SEP-2007 04:04:14	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	29159	No
36	GOM_NL__2PRFIN20070928_040603_000000372062_00047_29159_8471.N1	28-SEP-2007 04:06:03	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	29159	No
37	GOM_NL__2PRFIN20070928_041205_000000352062_00047_29159_8472.N1	28-SEP-2007 04:12:05	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	29159	No
38	GOM_NL__2PRFIN20070928_041334_000000342062_00047_29159_8473.N1	28-SEP-2007 04:13:34	Bright	34.000	82	48Bet UMa	2.3650	10600.	68	29159	No
39	GOM_NL__2PRFIN20070928_041645_000000522062_00047_29159_8474.N1	28-SEP-2007 04:16:45	Bright	52.000	174	52Psi UMa	3.0040	4400.0	104	29159	No
40	GOM_NL__2PRFIN20070928_042324_000000352062_00047_29159_8475.N1	28-SEP-2007 04:23:24	Bright	34.500	166	17Eps Leo	2.9800	6000.0	69	29159	No
41	GOM_NL__2PRFIN20070928_043249_000000452062_00047_29159_8476.N1	28-SEP-2007 04:32:49	Twilight	45.000	48	30Alp Hya	1.9770	4100.0	90	29159	No
42	GOM_NL__2PRFIN20070928_044230_000000422062_00047_29159_8477.N1	28-SEP-2007 04:42:30	Dark	42.000	65	Lam Vel	2.2040	4400.0	84	29159	No

43	GOM_NL__2PRFIN20070928_044548_000000392062_00047_29159_8478.N1	28-SEP-2007 04:45:48	Dark	38.500	46	Del Vel	1.9540	10600.	77	29159	No
44	GOM_NL__2PRFIN20070928_044723_000000422062_00047_29159_8479.N1	28-SEP-2007 04:47:23	Dark	42.000	41	Eps Car	1.8600	4100.0	84	29159	No
45	GOM_NL__2PRFIN20070928_045934_000000392062_00048_29160_8483.N1	28-SEP-2007 04:59:34	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	29160	No
46	GOM_NL__2PRFIN20070928_051114_000000412062_00048_29160_8484.N1	28-SEP-2007 05:11:14	Straylight	40.500	18	24Alp PsA	1.1660	9700.0	81	29160	No
47	GOM_NL__2PRFIN20070928_051954_000000372062_00048_29160_8485.N1	28-SEP-2007 05:19:54	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	29160	No
48	GOM_NL__2PRFIN20070928_052804_000000362062_00048_29160_8486.N1	28-SEP-2007 05:28:04	Bright	36.000	164	44Eta Peg	2.9480	5400.0	72	29160	No
49	GOM_NL__2PRFIN20070928_053732_000000362062_00048_29160_8487.N1	28-SEP-2007 05:37:32	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	29160	No
50	GOM_NL__2PRFIN20070928_054450_000000342062_00048_29160_8488.N1	28-SEP-2007 05:44:50	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	29160	No
51	GOM_NL__2PRFIN20070928_054639_000000362062_00048_29160_8489.N1	28-SEP-2007 05:46:39	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	29160	No
52	GOM_NL__2PRFIN20070928_055241_000000362062_00048_29160_8490.N1	28-SEP-2007 05:52:41	Bright	36.000	36	50Alp UMa	1.8000	6300.0	72	29160	No
53	GOM_NL__2PRFIN20070928_055410_000000522062_00048_29160_8491.N1	28-SEP-2007 05:54:10	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	29160	No
54	GOM_NL__2PRFIN20070928_055721_000000332062_00048_29160_8492.N1	28-SEP-2007 05:57:21	Bright	32.500	174	52Psi UMa	3.0040	4400.0	65	29160	No
55	GOM_NL__2PRFIN20070928_060400_000000342062_00048_29160_8493.N1	28-SEP-2007 06:04:00	Bright	33.500	166	17Eps Leo	2.9800	6000.0	67	29160	No
56	GOM_NL__2PRFIN20070928_061325_000000442062_00048_29160_8494.N1	28-SEP-2007 06:13:25	Twilight	44.000	48	30Alp Hya	1.9770	4100.0	88	29160	No
57	GOM_NL__2PRFIN20070928_062306_000000392062_00048_29160_8495.N1	28-SEP-2007 06:23:06	Dark	39.000	65	Lam Vel	2.2040	4400.0	78	29160	No
58	GOM_NL__2PRFIN20070928_062624_000000402062_00048_29160_8496.N1	28-SEP-2007 06:26:24	Dark	39.500	46	Del Vel	1.9540	10600.	79	29160	No
59	GOM_NL__2PRFIN20070928_062800_000000422062_00048_29160_8497.N1	28-SEP-2007 06:28:00	Dark	41.500	41	Eps Car	1.8600	4100.0	83	29160	No
60	GOM_NL__2PRFIN20070928_064011_000000392062_00049_29161_8544.N1	28-SEP-2007 06:40:11	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	29161	No
61	GOM_NL__2PRFIN20070928_065150_000000432062_00049_29161_8545.N1	28-SEP-2007 06:51:50	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	29161	No
62	GOM_NL__2PRFIN20070928_070030_000000372062_00049_29161_8546.N1	28-SEP-2007 07:00:30	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	29161	No
63	GOM_NL__2PRFIN20070928_070840_000000352062_00049_29161_8547.N1	28-SEP-2007 07:08:40	Bright	34.500	164	44Eta Peg	2.9480	5400.0	69	29161	No
64	GOM_NL__2PRFIN20070928_071808_000000352062_00049_29161_8548.N1	28-SEP-2007 07:18:08	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	29161	No
65	GOM_NL__2PRFIN20070928_072526_000000372062_00049_29161_8549.N1	28-SEP-2007 07:25:26	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	29161	No
66	GOM_NL__2PRFIN20070928_072716_000000372062_00049_29161_8550.N1	28-SEP-2007 07:27:16	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	29161	No
67	GOM_NL__2PRFIN20070928_073317_000000362062_00049_29161_8551.N1	28-SEP-2007 07:33:17	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	29161	No
68	GOM_NL__2PRFIN20070928_073446_000000522062_00049_29161_8552.N1	28-SEP-2007 07:34:46	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	29161	No
69	GOM_NL__2PRFIN20070928_073757_000000342062_00049_29161_8553.N1	28-SEP-2007 07:37:57	Bright	33.500	174	52Psi UMa	3.0040	4400.0	67	29161	No
70	GOM_NL__2PRFIN20070928_074436_000000342062_00049_29161_8554.N1	28-SEP-2007 07:44:36	Bright	33.500	166	17Eps Leo	2.9800	6000.0	67	29161	No
71	GOM_NL__2PRFIN20070928_075401_000000452062_00049_29161_8555.N1	28-SEP-2007 07:54:01	Twilight	44.500	48	30Alp Hya	1.9770	4100.0	89	29161	No
72	GOM_NL__2PRFIN20070928_080343_000000452062_00049_29161_8556.N1	28-SEP-2007 08:03:43	Dark	45.000	65	Lam Vel	2.2040	4400.0	90	29161	No
73	GOM_NL__2PRFIN20070928_080701_000000382062_00049_29161_8557.N1	28-SEP-2007 08:07:01	Dark	38.000	46	Del Vel	1.9540	10600.	76	29161	No
74	GOM_NL__2PRFIN20070928_080836_000000392062_00049_29161_8558.N1	28-SEP-2007 08:08:36	Dark	38.500	41	Eps Car	1.8600	4100.0	77	29161	No
75	GOM_NL__2PRFIN20070928_082047_000000392062_00050_29162_8554.N1	28-SEP-2007 08:20:47	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	29162	No
76	GOM_NL__2PRFIN20070928_083226_000000442062_00050_29162_8555.N1	28-SEP-2007 08:32:26	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	29162	No
77	GOM_NL__2PRFIN20070928_084106_000000372062_00050_29162_8556.N1	28-SEP-2007 08:41:06	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	29162	No
78	GOM_NL__2PRFIN20070928_084916_000000362062_00050_29162_8557.N1	28-SEP-2007 08:49:16	Bright	36.000	164	44Eta Peg	2.9480	5400.0	72	29162	No
79	GOM_NL__2PRFIN20070928_085844_000000362062_00050_29162_8558.N1	28-SEP-2007 08:58:44	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	29162	No
80	GOM_NL__2PRFIN20070928_090602_000000322062_00050_29162_8559.N1	28-SEP-2007 09:06:02	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	29162	No
81	GOM_NL__2PRFIN20070928_090752_000000342062_00050_29162_8560.N1	28-SEP-2007 09:07:52	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	29162	No
82	GOM_NL__2PRFIN20070928_091353_000000362062_00050_29162_8561.N1	28-SEP-2007 09:13:53	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	29162	No
83	GOM_NL__2PRFIN20070928_091522_000000342062_00050_29162_8562.N1	28-SEP-2007 09:15:22	Bright	34.000	82	48Bet UMa	2.3650	10600.	68	29162	No
84	GOM_NL__2PRFIN20070928_091834_000000342062_00050_29162_8563.N1	28-SEP-2007 09:18:34	Bright	33.500	174	52Psi UMa	3.0040	4400.0	67	29162	No
85	GOM_NL__2PRFIN20070928_092512_000000332062_00050_29162_8564.N1	28-SEP-2007 09:25:12	Bright	33.000	166	17Eps Leo	2.9800	6000.0	66	29162	No
86	GOM_NL__2PRFIN20070928_093438_000000452062_00050_29162_8565.N1	28-SEP-2007 09:34:38	Twilight	44.500	48	30Alp Hya	1.9770	4100.0	89	29162	No
87	GOM_NL__2PRFIN20070928_094419_000000422062_00050_29162_8566.N1	28-SEP-2007 09:44:19	Dark	42.000	65	Lam Vel	2.2040	4400.0	84	29162	No
88	GOM_NL__2PRFIN20070928_094737_000000392062_00050_29162_8567.N1	28-SEP-2007 09:47:37	Dark	38.500	46	Del Vel	1.9540	10600.	77	29162	No
89	GOM_NL__2PRFIN20070928_094912_000000472062_00050_29162_8568.N1	28-SEP-2007 09:49:12	Dark	46.500	41	Eps Car	1.8600	4100.0	93	29162	No
90	GOM_NL__2PRFIN20070928_100123_000000412062_00051_29163_8574.N1	28-SEP-2007 10:01:23	Dark	40.500	143	Alp Hyi	2.8570	7200.0	81	29163	No
91	GOM_NL__2PRFIN20070928_101302_000000442062_00051_29163_8575.N1	28-SEP-2007 10:13:02	Straylight	43.500	18	24Alp PsA	1.1660	9700.0	87	29163	No
92	GOM_NL__2PRFIN20070928_102142_000000372062_00051_29163_8576.N1	28-SEP-2007 10:21:42	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	29163	No
93	GOM_NL__2PRFIN20070928_102952_000000372062_00051_29163_8577.N1	28-SEP-2007 10:29:52	Bright	37.000	164	44Eta Peg	2.9480	5400.0	74	29163	No
94	GOM_NL__2PRFIN20070928_103920_000000372062_00051_29163_8578.N1	28-SEP-2007 10:39:20	Bright	36.500	89	5Alp Cep	2.4510	8000.0	73	29163	No
95	GOM_NL__2PRFIN20070928_104638_000000362062_00051_29163_8579.N1	28-SEP-2007 10:46:38	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29163	No
96	GOM_NL__2PRFIN20070928_104828_000000372062_00051_29163_8580.N1	28-SEP-2007 10:48:28	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	29163	No
97	GOM_NL__2PRFIN20070928_105429_000000362062_00051_29163_8581.N1	28-SEP-2007 10:54:29	Bright	35.500	36	50Alp UMa	1.8000	6300.0	71	29163	No
98	GOM_NL__2PRFIN20070928_105558_000000352062_00051_29163_8582.N1	28-SEP-2007 10:55:58	Bright	34.500	82	48Bet UMa	2.3650	10600.	69	29163	No
99	GOM_NL__2PRFIN20070928_105910_000000392062_00051_29163_8583.N1	28-SEP-2007 10:59:10	Bright	39.000	174	52Psi UMa	3.0040	4400.0	78	29163	No
100	GOM_NL__2PRFIN20070928_110548_000000342062_00051_29163_8584.N1	28-SEP-2007 11:05:48	Bright	33.500	166	17Eps Leo	2.9800	6000.0	67	29163	No
101	GOM_NL__2PRFIN20070928_111514_000000462062_00051_29163_8585.N1	28-SEP-2007 11:15:14	Twilight	46.000	48	30Alp Hya	1.9770	4100.0	92	29163	No

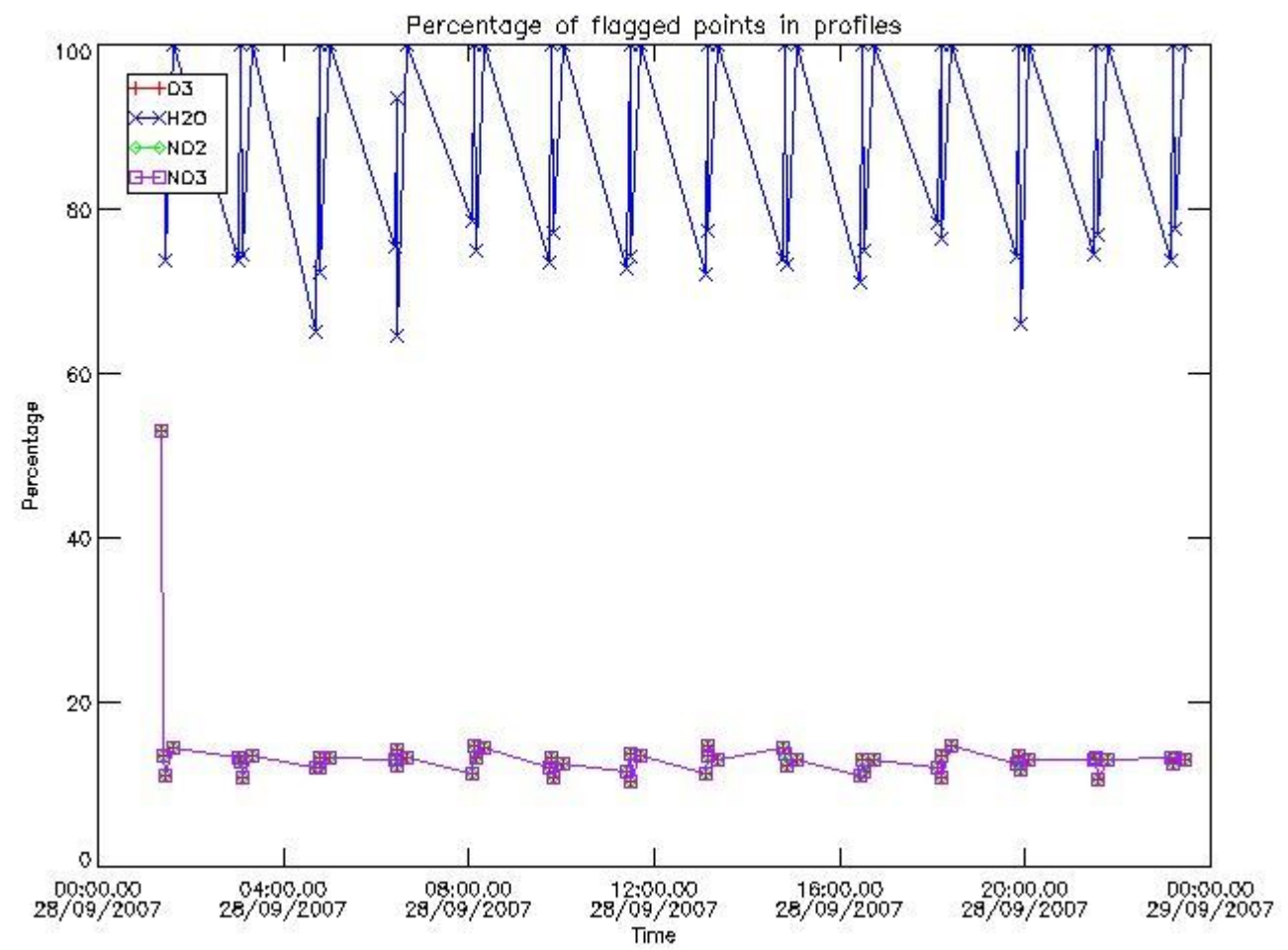
102	GOM_NL__2PRFIN20070928_112455_000000452062_00051_29163_8586.N1	28-SEP-2007 11:24:55	Dark	44.500	65	Lam Vel	2.2040	4400.0	89	29163	No
103	GOM_NL__2PRFIN20070928_112813_000000372062_00051_29163_8587.N1	28-SEP-2007 11:28:13	Dark	37.000	46	Del Vel	1.9540	10600.	74	29163	No
104	GOM_NL__2PRFIN20070928_112948_000000492062_00051_29163_8588.N1	28-SEP-2007 11:29:48	Dark	49.000	41	Eps Car	1.8600	4100.0	98	29163	No
105	GOM_NL__2PRFIN20070928_114200_000000382062_00052_29164_8588.N1	28-SEP-2007 11:42:00	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	29164	No
106	GOM_NL__2PRFIN20070928_115338_000000412062_00052_29164_8589.N1	28-SEP-2007 11:53:38	Straylight	41.000	18	24Alp PsA	1.1660	9700.0	82	29164	No
107	GOM_NL__2PRFIN20070928_120218_000000372062_00052_29164_8590.N1	28-SEP-2007 12:02:18	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	29164	No
108	GOM_NL__2PRFIN20070928_121027_000000362062_00052_29164_8591.N1	28-SEP-2007 12:10:27	Bright	36.000	164	44Eta Peg	2.9480	5400.0	72	29164	No
109	GOM_NL__2PRFIN20070928_121956_000000352062_00052_29164_8592.N1	28-SEP-2007 12:19:56	Bright	34.500	89	5Alp Cep	2.4510	8000.0	69	29164	No
110	GOM_NL__2PRFIN20070928_122714_000000362062_00052_29164_8593.N1	28-SEP-2007 12:27:14	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29164	No
111	GOM_NL__2PRFIN20070928_122904_000000362062_00052_29164_8594.N1	28-SEP-2007 12:29:04	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	29164	No
112	GOM_NL__2PRFIN20070928_123505_000000352062_00052_29164_8595.N1	28-SEP-2007 12:35:05	Bright	34.500	36	50Alp UMa	1.8000	6300.0	69	29164	No
113	GOM_NL__2PRFIN20070928_123634_000000522062_00052_29164_8596.N1	28-SEP-2007 12:36:34	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	29164	No
114	GOM_NL__2PRFIN20070928_123945_000000522062_00052_29164_8597.N1	28-SEP-2007 12:39:45	Bright	52.000	174	52Psi UMa	3.0040	4400.0	104	29164	No
115	GOM_NL__2PRFIN20070928_124624_000000332062_00052_29164_8598.N1	28-SEP-2007 12:46:24	Bright	32.500	166	17Eps Leo	2.9800	6000.0	65	29164	No
116	GOM_NL__2PRFIN20070928_125550_000000452062_00052_29164_8599.N1	28-SEP-2007 12:55:50	Twilight	45.000	48	30Alp Hya	1.9770	4100.0	90	29164	No
117	GOM_NL__2PRFIN20070928_130531_000000452062_00052_29164_8600.N1	28-SEP-2007 13:05:31	Dark	45.000	65	Lam Vel	2.2040	4400.0	90	29164	No
118	GOM_NL__2PRFIN20070928_130849_000000382062_00052_29164_8601.N1	28-SEP-2007 13:08:49	Dark	38.000	46	Del Vel	1.9540	10600.	76	29164	No
119	GOM_NL__2PRFIN20070928_131024_000000382062_00052_29164_8602.N1	28-SEP-2007 13:10:24	Dark	38.000	41	Eps Car	1.8600	4100.0	76	29164	No
120	GOM_NL__2PRFIN20070928_132236_000000402062_00053_29165_8603.N1	28-SEP-2007 13:22:36	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	29165	No
121	GOM_NL__2PRFIN20070928_133414_000000432062_00053_29165_8604.N1	28-SEP-2007 13:34:14	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	29165	No
122	GOM_NL__2PRFIN20070928_134255_000000362062_00053_29165_8605.N1	28-SEP-2007 13:42:55	Bright	35.500	162	34Alp Aqr	2.9440	5350.0	71	29165	No
123	GOM_NL__2PRFIN20070928_135103_000000342062_00053_29165_8606.N1	28-SEP-2007 13:51:03	Bright	34.000	164	44Eta Peg	2.9480	5400.0	68	29165	No
124	GOM_NL__2PRFIN20070928_140032_000000332062_00053_29165_8607.N1	28-SEP-2007 14:00:32	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	29165	No
125	GOM_NL__2PRFIN20070928_140749_000000362062_00053_29165_8608.N1	28-SEP-2007 14:07:49	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29165	No
126	GOM_NL__2PRFIN20070928_140940_000000362062_00053_29165_8609.N1	28-SEP-2007 14:09:40	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	29165	No
127	GOM_NL__2PRFIN20070928_141541_000000352062_00053_29165_8610.N1	28-SEP-2007 14:15:41	Bright	35.000	36	50Alp UMa	1.8000	6300.0	70	29165	No
128	GOM_NL__2PRFIN20070928_141710_000000342062_00053_29165_8611.N1	28-SEP-2007 14:17:10	Bright	34.000	82	48Bet UMa	2.3650	10600.	68	29165	No
129	GOM_NL__2PRFIN20070928_142022_000000372062_00053_29165_8612.N1	28-SEP-2007 14:20:22	Bright	36.500	174	52Psi UMa	3.0040	4400.0	73	29165	No
130	GOM_NL__2PRFIN20070928_142700_000000352062_00053_29165_8613.N1	28-SEP-2007 14:27:00	Bright	34.500	166	17Eps Leo	2.9800	6000.0	69	29165	No
131	GOM_NL__2PRFIN20070928_143626_000000462062_00053_29165_8614.N1	28-SEP-2007 14:36:26	Twilight	46.000	48	30Alp Hya	1.9770	4100.0	92	29165	No
132	GOM_NL__2PRFIN20070928_144607_000000392062_00053_29165_8615.N1	28-SEP-2007 14:46:07	Dark	39.000	65	Lam Vel	2.2040	4400.0	78	29165	No
133	GOM_NL__2PRFIN20070928_144926_000000412062_00053_29165_8616.N1	28-SEP-2007 14:49:26	Dark	41.000	46	Del Vel	1.9540	10600.	82	29165	No
134	GOM_NL__2PRFIN20070928_145101_000000422062_00053_29165_8617.N1	28-SEP-2007 14:51:01	Dark	41.500	41	Eps Car	1.8600	4100.0	83	29165	No
135	GOM_NL__2PRFIN20070928_150312_000000392062_00054_29166_8611.N1	28-SEP-2007 15:03:12	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	29166	No
136	GOM_NL__2PRFIN20070928_151450_000000432062_00054_29166_8612.N1	28-SEP-2007 15:14:50	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	29166	No
137	GOM_NL__2PRFIN20070928_152331_000000372062_00054_29166_8613.N1	28-SEP-2007 15:23:31	Bright	36.500	162	34Alp Aqr	2.9440	5350.0	73	29166	No
138	GOM_NL__2PRFIN20070928_153139_000000352062_00054_29166_8614.N1	28-SEP-2007 15:31:39	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	29166	No
139	GOM_NL__2PRFIN20070928_154108_000000362062_00054_29166_8615.N1	28-SEP-2007 15:41:08	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	29166	No
140	GOM_NL__2PRFIN20070928_154825_000000362062_00054_29166_8616.N1	28-SEP-2007 15:48:25	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29166	No
141	GOM_NL__2PRFIN20070928_155017_000000362062_00054_29166_8617.N1	28-SEP-2007 15:50:17	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	29166	No
142	GOM_NL__2PRFIN20070928_155617_000000522062_00054_29166_8618.N1	28-SEP-2007 15:56:17	Bright	52.000	36	50Alp UMa	1.8000	6300.0	104	29166	No
143	GOM_NL__2PRFIN20070928_155747_000000422062_00054_29166_8619.N1	28-SEP-2007 15:57:47	Bright	41.500	82	48Bet UMa	2.3650	10600.	83	29166	No
144	GOM_NL__2PRFIN20070928_160058_000000322062_00054_29166_8620.N1	28-SEP-2007 16:00:58	Bright	32.000	174	52Psi UMa	3.0040	4400.0	64	29166	No
145	GOM_NL__2PRFIN20070928_160736_000000342062_00054_29166_8621.N1	28-SEP-2007 16:07:36	Bright	34.000	166	17Eps Leo	2.9800	6000.0	68	29166	No
146	GOM_NL__2PRFIN20070928_161703_000000522062_00054_29166_8622.N1	28-SEP-2007 16:17:03	Twilight	52.000	48	30Alp Hya	1.9770	4100.0	104	29166	No
147	GOM_NL__2PRFIN20070928_162644_000000462062_00054_29166_8623.N1	28-SEP-2007 16:26:44	Dark	45.500	65	Lam Vel	2.2040	4400.0	91	29166	No
148	GOM_NL__2PRFIN20070928_163002_000000392062_00054_29166_8624.N1	28-SEP-2007 16:30:02	Dark	39.000	46	Del Vel	1.9540	10600.	78	29166	No
149	GOM_NL__2PRFIN20070928_163137_000000492062_00054_29166_8625.N1	28-SEP-2007 16:31:37	Dark	48.500	41	Eps Car	1.8600	4100.0	97	29166	No
150	GOM_NL__2PRFIN20070928_164348_000000392062_00055_29167_8629.N1	28-SEP-2007 16:43:48	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	29167	No
151	GOM_NL__2PRFIN20070928_165526_000000422062_00055_29167_8630.N1	28-SEP-2007 16:55:26	Straylight	42.000	18	24Alp PsA	1.1660	9700.0	84	29167	No
152	GOM_NL__2PRFIN20070928_170407_000000382062_00055_29167_8631.N1	28-SEP-2007 17:04:07	Bright	37.500	162	34Alp Aqr	2.9440	5350.0	75	29167	No
153	GOM_NL__2PRFIN20070928_171215_000000352062_00055_29167_8632.N1	28-SEP-2007 17:12:15	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	29167	No
154	GOM_NL__2PRFIN20070928_172145_000000362062_00055_29167_8633.N1	28-SEP-2007 17:21:45	Bright	35.500	89	5Alp Cep	2.4510	8000.0	71	29167	No
155	GOM_NL__2PRFIN20070928_172901_000000362062_00055_29167_8634.N1	28-SEP-2007 17:29:01	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29167	No
156	GOM_NL__2PRFIN20070928_173053_000000362062_00055_29167_8635.N1	28-SEP-2007 17:30:53	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	29167	No
157	GOM_NL__2PRFIN20070928_173653_000000372062_00055_29167_8636.N1	28-SEP-2007 17:36:53	Bright	36.500	36	50Alp UMa	1.8000	6300.0	73	29167	No
158	GOM_NL__2PRFIN20070928_173823_000000522062_00055_29167_8637.N1	28-SEP-2007 17:38:23	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	29167	No
159	GOM_NL__2PRFIN20070928_174134_000000522062_00055_29167_8638.N1	28-SEP-2007 17:41:34	Bright	52.000	174	52Psi UMa	3.0040	4400.0	104	29167	No
160	GOM_NL__2PRFIN20070928_174812_000000532062_00055_29167_8639.N1	28-SEP-2007 17:48:12	Bright	53.000	166	17Eps Leo	2.9800	6000.0	106	29167	No

161	GOM_NL__2PRFIN20070928_175739_000000502062_00055_29167_8640.N1	28-SEP-2007 17:57:39	Twilight	49.500	48	30Alp Hya	1.9770	4100.0	99	29167	No
162	GOM_NL__2PRFIN20070928_180720_000000422062_00055_29167_8641.N1	28-SEP-2007 18:07:20	Dark	42.000	65	Lam Vel	2.2040	4400.0	84	29167	No
163	GOM_NL__2PRFIN20070928_181038_000000382062_00055_29167_8642.N1	28-SEP-2007 18:10:38	Dark	38.000	46	Del Vel	1.9540	10600.	76	29167	No
164	GOM_NL__2PRFIN20070928_181213_000000472062_00055_29167_8643.N1	28-SEP-2007 18:12:13	Dark	47.000	41	Eps Car	1.8600	4100.0	94	29167	No
165	GOM_NL__2PRFIN20070928_182425_000000382062_00056_29168_8649.N1	28-SEP-2007 18:24:25	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	29168	No
166	GOM_NL__2PRFIN20070928_183603_000000432062_00056_29168_8650.N1	28-SEP-2007 18:36:03	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	29168	No
167	GOM_NL__2PRFIN20070928_184443_000000362062_00056_29168_8651.N1	28-SEP-2007 18:44:43	Bright	35.500	162	34Alp Aqr	2.9440	5350.0	71	29168	No
168	GOM_NL__2PRFIN20070928_185251_000000362062_00056_29168_8652.N1	28-SEP-2007 18:52:51	Bright	35.500	164	44Eta Peg	2.9480	5400.0	71	29168	No
169	GOM_NL__2PRFIN20070928_190221_000000362062_00056_29168_8653.N1	28-SEP-2007 19:02:21	Bright	36.000	89	5Alp Cep	2.4510	8000.0	72	29168	No
170	GOM_NL__2PRFIN20070928_190937_000000362062_00056_29168_8654.N1	28-SEP-2007 19:09:37	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	29168	No
171	GOM_NL__2PRFIN20070928_191129_000000362062_00056_29168_8655.N1	28-SEP-2007 19:11:29	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	29168	No
172	GOM_NL__2PRFIN20070928_191729_000000342062_00056_29168_8656.N1	28-SEP-2007 19:17:29	Bright	34.000	36	50Alp UMa	1.8000	6300.0	68	29168	No
173	GOM_NL__2PRFIN20070928_191859_000000332062_00056_29168_8657.N1	28-SEP-2007 19:18:59	Bright	32.500	82	48Bet UMa	2.3650	10600.	65	29168	No
174	GOM_NL__2PRFIN20070928_192210_000000342062_00056_29168_8658.N1	28-SEP-2007 19:22:10	Bright	34.000	174	52Psi UMa	3.0040	4400.0	68	29168	No
175	GOM_NL__2PRFIN20070928_192849_000000532062_00056_29168_8659.N1	28-SEP-2007 19:28:49	Bright	52.500	166	17Eps Leo	2.9800	6000.0	105	29168	No
176	GOM_NL__2PRFIN20070928_193815_000000502062_00056_29168_8660.N1	28-SEP-2007 19:38:15	Twilight	49.500	48	30Alp Hya	1.9770	4100.0	99	29168	No
177	GOM_NL__2PRFIN20070928_194756_000000412062_00056_29168_8661.N1	28-SEP-2007 19:47:56	Dark	41.000	65	Lam Vel	2.2040	4400.0	82	29168	No
178	GOM_NL__2PRFIN20070928_195114_000000382062_00056_29168_8662.N1	28-SEP-2007 19:51:14	Dark	37.500	46	Del Vel	1.9540	10600.	75	29168	No
179	GOM_NL__2PRFIN20070928_195250_000000432062_00056_29168_8663.N1	28-SEP-2007 19:52:50	Dark	43.000	41	Eps Car	1.8600	4100.0	86	29168	No
180	GOM_NL__2PRFIN20070928_200501_000000392062_00057_29169_8654.N1	28-SEP-2007 20:05:01	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	29169	No
181	GOM_NL__2PRFIN20070928_201639_000000412062_00057_29169_8655.N1	28-SEP-2007 20:16:39	Straylight	41.000	18	24Alp PsA	1.1660	9700.0	82	29169	No
182	GOM_NL__2PRFIN20070928_202519_000000372062_00057_29169_8656.N1	28-SEP-2007 20:25:19	Bright	37.000	162	34Alp Aqr	2.9440	5350.0	74	29169	No
183	GOM_NL__2PRFIN20070928_203327_000000362062_00057_29169_8657.N1	28-SEP-2007 20:33:27	Bright	35.500	164	44Eta Peg	2.9480	5400.0	71	29169	No
184	GOM_NL__2PRFIN20070928_204257_000000342062_00057_29169_8658.N1	28-SEP-2007 20:42:57	Bright	34.000	89	5Alp Cep	2.4510	8000.0	68	29169	No
185	GOM_NL__2PRFIN20070928_205013_000000352062_00057_29169_8659.N1	28-SEP-2007 20:50:13	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	29169	No
186	GOM_NL__2PRFIN20070928_205205_000000362062_00057_29169_8660.N1	28-SEP-2007 20:52:05	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	29169	No
187	GOM_NL__2PRFIN20070928_205805_000000522062_00057_29169_8661.N1	28-SEP-2007 20:58:05	Bright	52.000	36	50Alp UMa	1.8000	6300.0	104	29169	No
188	GOM_NL__2PRFIN20070928_205935_000000422062_00057_29169_8662.N1	28-SEP-2007 20:59:35	Bright	41.500	82	48Bet UMa	2.3650	10600.	83	29169	No
189	GOM_NL__2PRFIN20070928_210246_000000342062_00057_29169_8663.N1	28-SEP-2007 21:02:46	Bright	33.500	174	52Psi UMa	3.0040	4400.0	67	29169	No
190	GOM_NL__2PRFIN20070928_210925_000000532062_00057_29169_8664.N1	28-SEP-2007 21:09:25	Bright	53.000	166	17Eps Leo	2.9800	6000.0	106	29169	No
191	GOM_NL__2PRFIN20070928_211852_000000492062_00057_29169_8665.N1	28-SEP-2007 21:18:52	Twilight	48.500	48	30Alp Hya	1.9770	4100.0	97	29169	No
192	GOM_NL__2PRFIN20070928_212833_000000402062_00057_29169_8666.N1	28-SEP-2007 21:28:33	Dark	39.500	65	Lam Vel	2.2040	4400.0	79	29169	No
193	GOM_NL__2PRFIN20070928_213151_000000392062_00057_29169_8667.N1	28-SEP-2007 21:31:51	Dark	38.500	46	Del Vel	1.9540	10600.	77	29169	No
194	GOM_NL__2PRFIN20070928_213326_000000482062_00057_29169_8668.N1	28-SEP-2007 21:33:26	Dark	48.000	41	Eps Car	1.8600	4100.0	96	29169	No
195	GOM_NL__2PRFIN20070928_214538_000000402062_00058_29170_8674.N1	28-SEP-2007 21:45:38	Dark	39.500	143	Alp Hyi	2.8570	7200.0	79	29170	No
196	GOM_NL__2PRFIN20070928_215715_000000422062_00058_29170_8675.N1	28-SEP-2007 21:57:15	Straylight	41.500	18	24Alp PsA	1.1660	9700.0	83	29170	No
197	GOM_NL__2PRFIN20070928_221403_000000362062_00058_29170_8676.N1	28-SEP-2007 22:14:03	Bright	36.000	164	44Eta Peg	2.9480	5400.0	72	29170	No
198	GOM_NL__2PRFIN20070928_222333_000000332062_00058_29170_8677.N1	28-SEP-2007 22:23:33	Bright	33.000	89	5Alp Cep	2.4510	8000.0	66	29170	No
199	GOM_NL__2PRFIN20070928_223049_000000372062_00058_29170_8678.N1	28-SEP-2007 22:30:49	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	29170	No
200	GOM_NL__2PRFIN20070928_223242_000000322062_00058_29170_8679.N1	28-SEP-2007 22:32:42	Bright	32.000	60	7Bet UMi	2.0810	3950.0	64	29170	No
201	GOM_NL__2PRFIN20070928_223841_000000522062_00058_29170_8680.N1	28-SEP-2007 22:38:41	Bright	52.000	36	50Alp UMa	1.8000	6300.0	104	29170	No
202	GOM_NL__2PRFIN20070928_224011_000000522062_00058_29170_8681.N1	28-SEP-2007 22:40:11	Bright	52.000	82	48Bet UMa	2.3650	10600.	104	29170	No
203	GOM_NL__2PRFIN20070928_224322_000000332062_00058_29170_8682.N1	28-SEP-2007 22:43:22	Bright	33.000	174	52Psi UMa	3.0040	4400.0	66	29170	No
204	GOM_NL__2PRFIN20070928_225001_000000302062_00058_29170_8683.N1	28-SEP-2007 22:50:01	Bright	30.000	166	17Eps Leo	2.9800	6000.0	60	29170	No
205	GOM_NL__2PRFIN20070928_225928_000000442062_00058_29170_8684.N1	28-SEP-2007 22:59:28	Twilight	44.000	48	30Alp Hya	1.9770	4100.0	88	29170	No
206	GOM_NL__2PRFIN20070928_230909_000000462062_00058_29170_8685.N1	28-SEP-2007 23:09:09	Dark	46.000	65	Lam Vel	2.2040	4400.0	92	29170	No
207	GOM_NL__2PRFIN20070928_231227_000000412062_00058_29170_8686.N1	28-SEP-2007 23:12:27	Dark	40.500	46	Del Vel	1.9540	10600.	81	29170	No
208	GOM_NL__2PRFIN20070928_231402_000000392062_00058_29170_8687.N1	28-SEP-2007 23:14:02	Dark	38.500	41	Eps Car	1.8600	4100.0	77	29170	No
209	GOM_NL__2PRFIN20070928_232614_000000392062_00059_29171_8708.N1	28-SEP-2007 23:26:14	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	29171	No
210	GOM_NL__2PRFIN20070928_233751_000000432062_00059_29171_8709.N1	28-SEP-2007 23:37:51	Straylight	42.500	18	24Alp PsA	1.1660	9700.0	85	29171	No
211	GOM_NL__2PRFIN20070928_235439_000000352062_00059_29171_8710.N1	28-SEP-2007 23:54:39	Bright	35.000	164	44Eta Peg	2.9480	5400.0	70	29171	No

3. Quality information per product

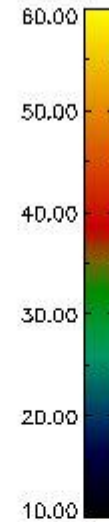
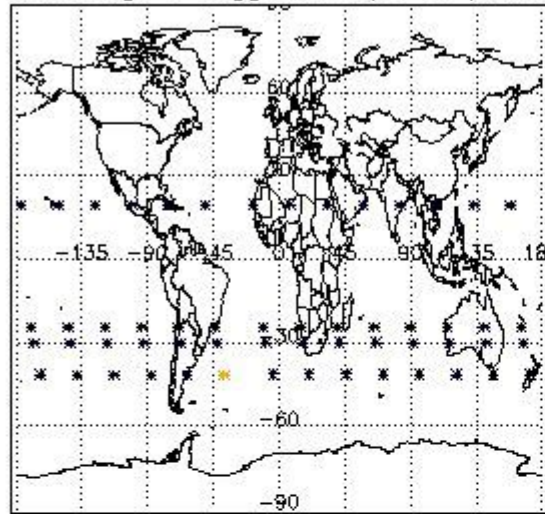
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

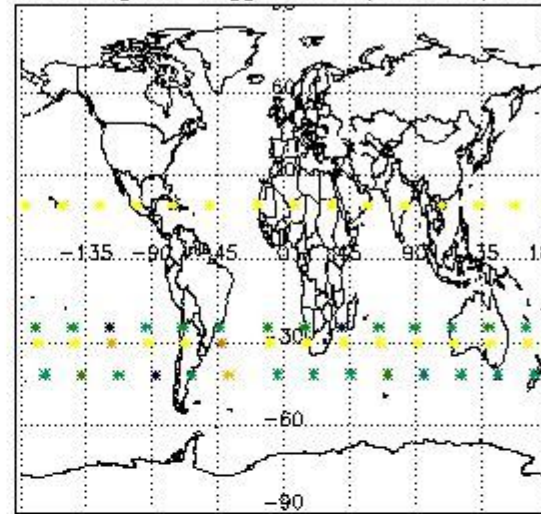


3.2 Plot quality information per product (world map)

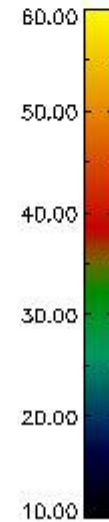
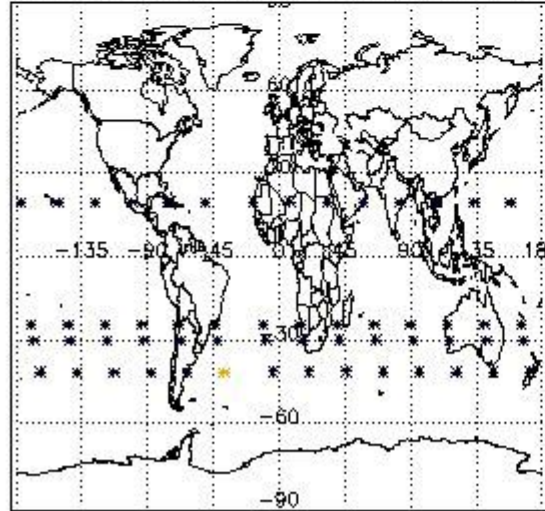
Percentage of flagged data per O3 profile



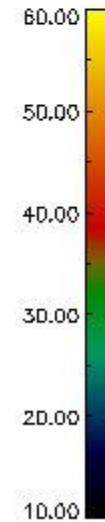
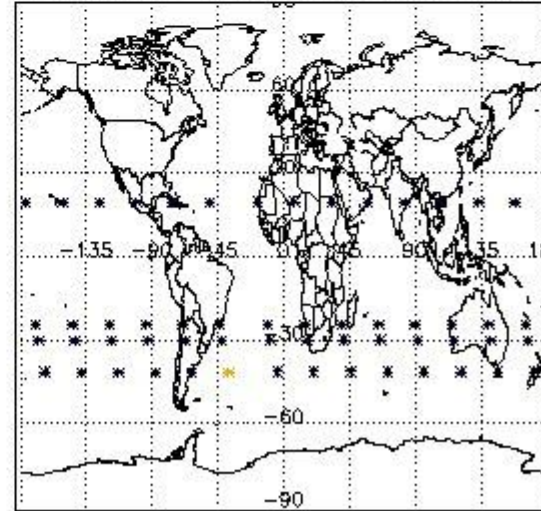
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

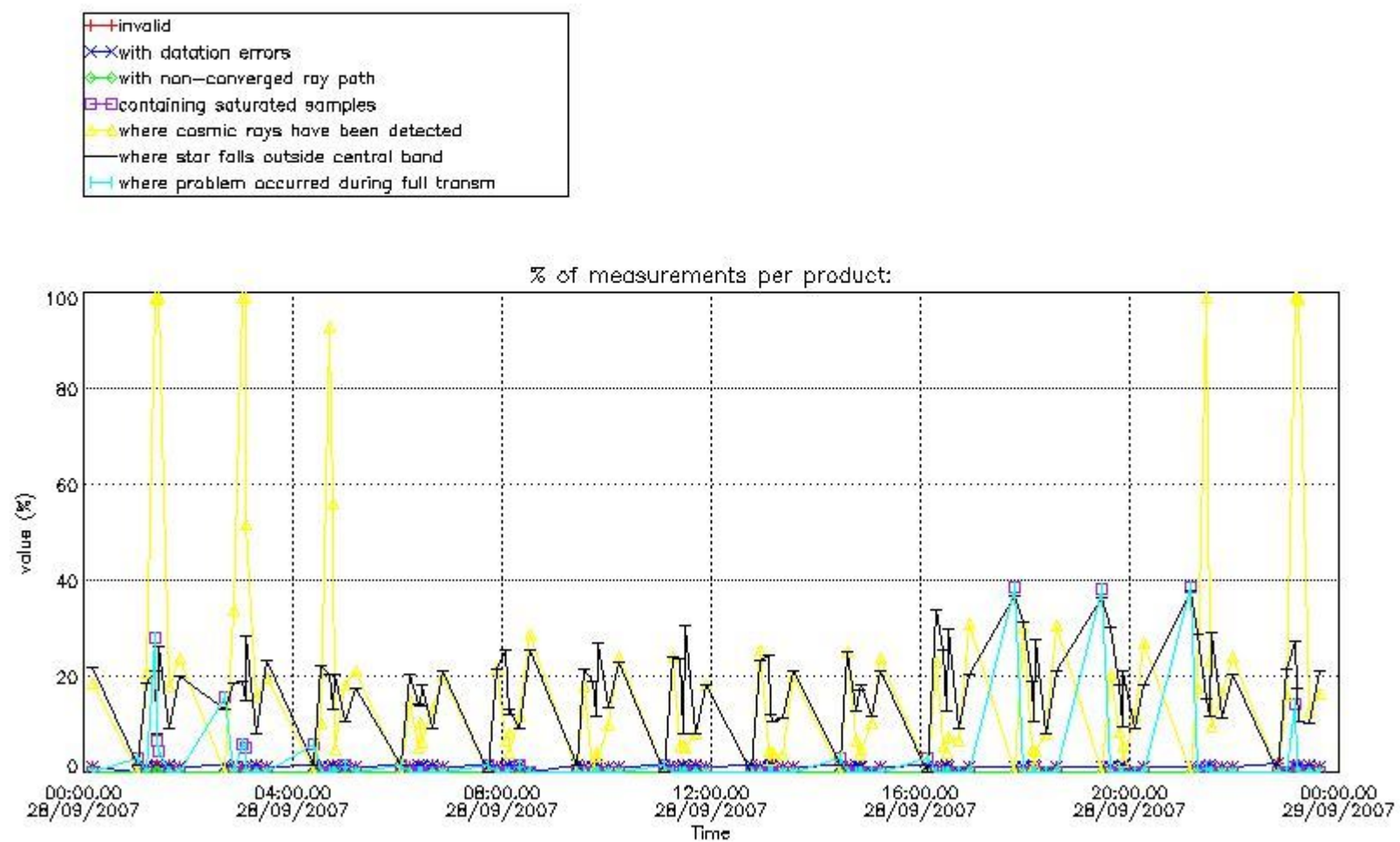


4. Level 1 quality information per product

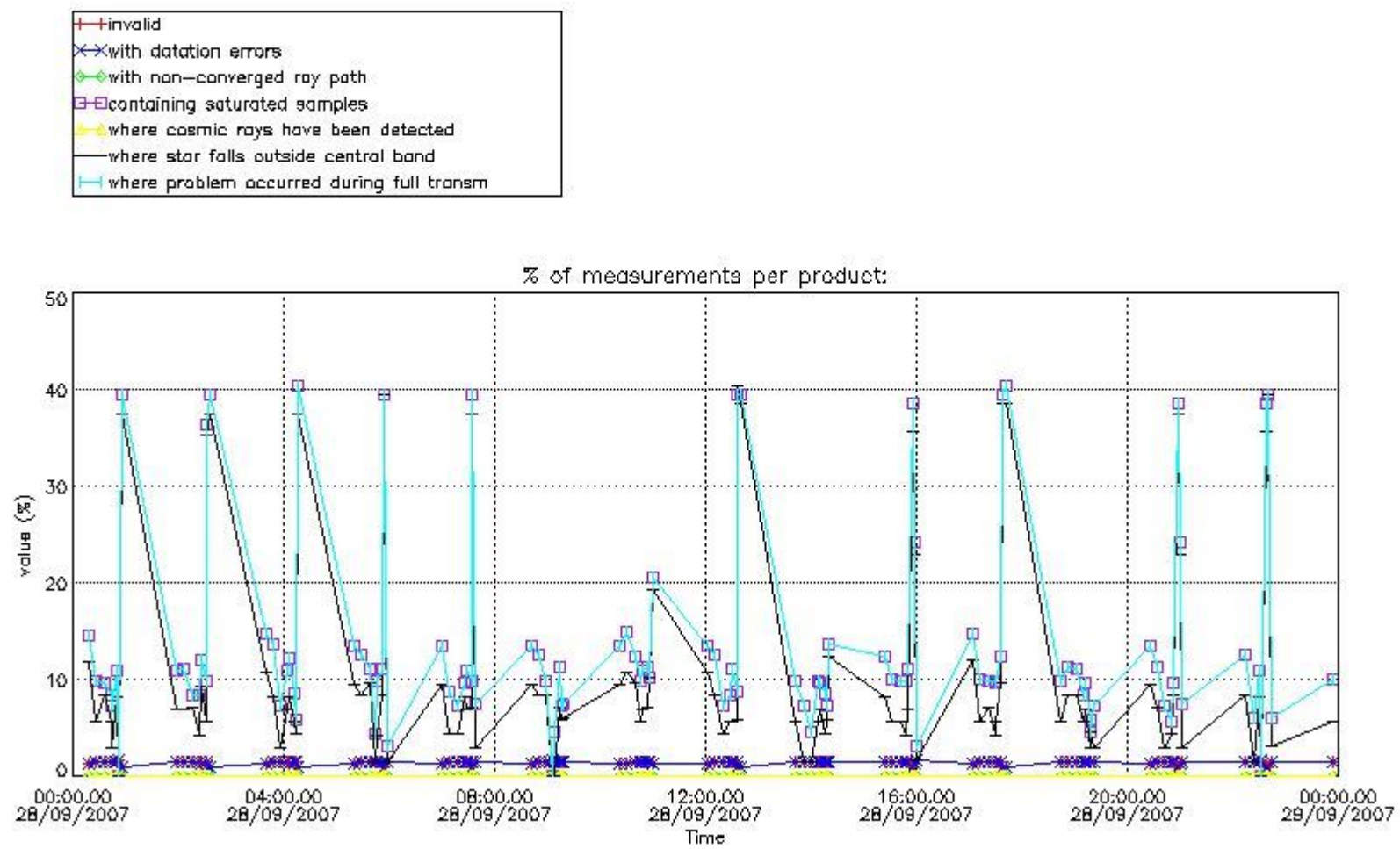
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

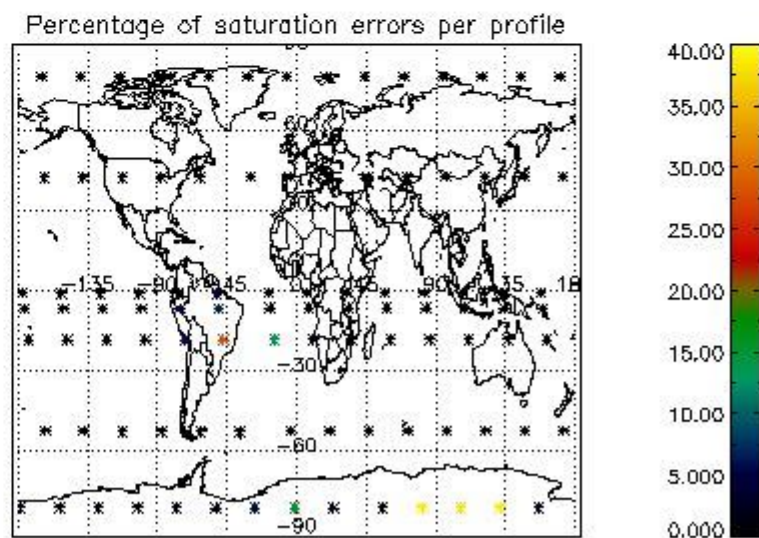
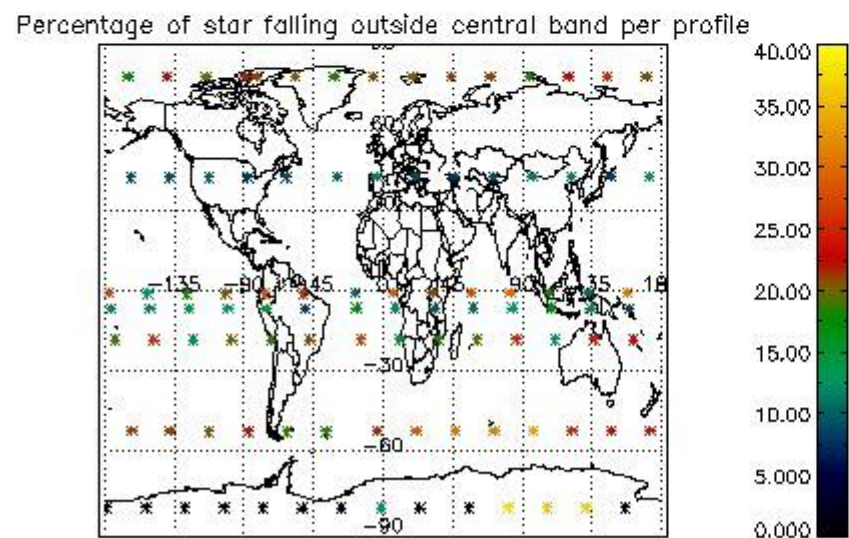
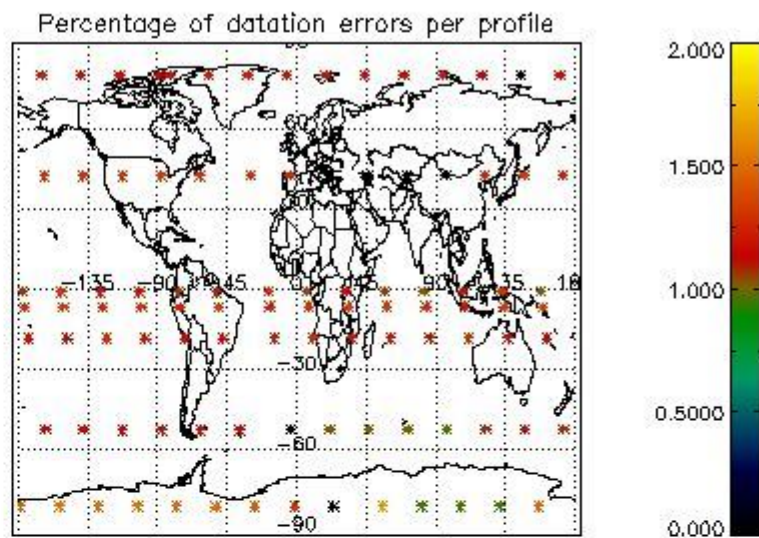
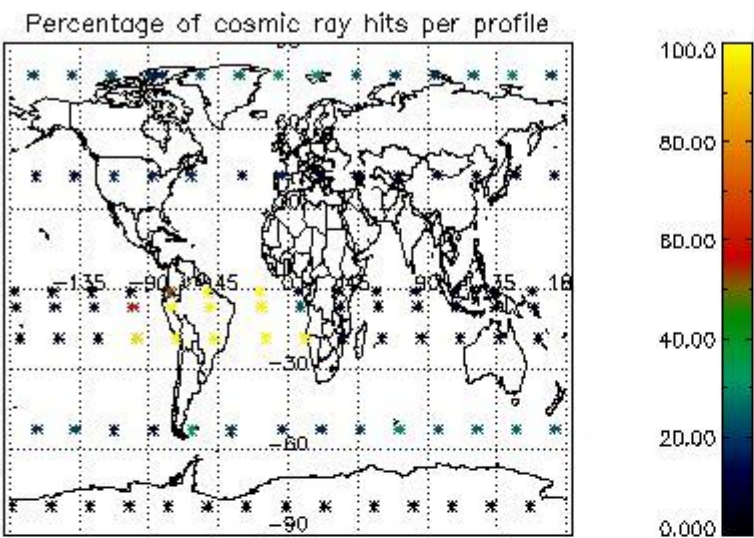


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

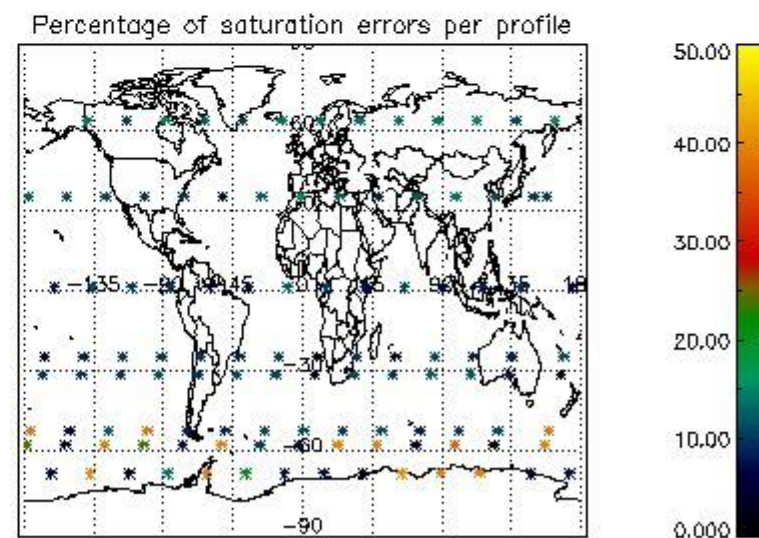
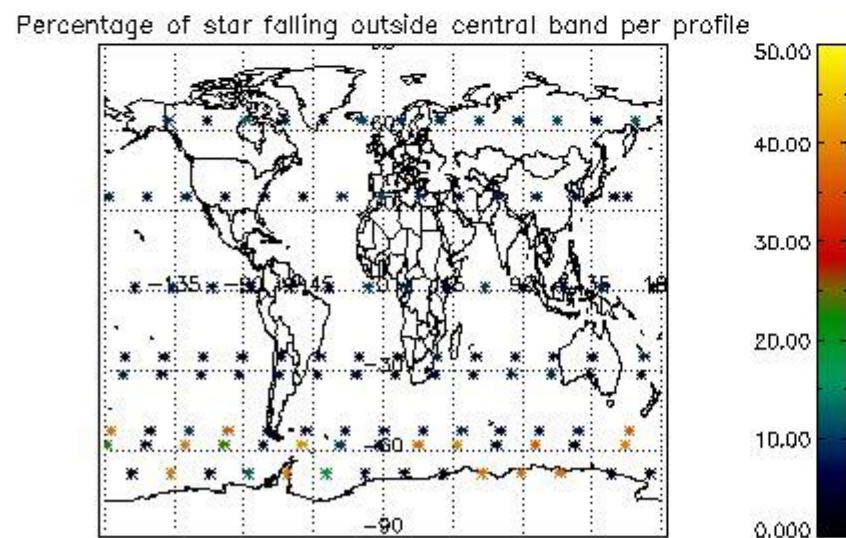
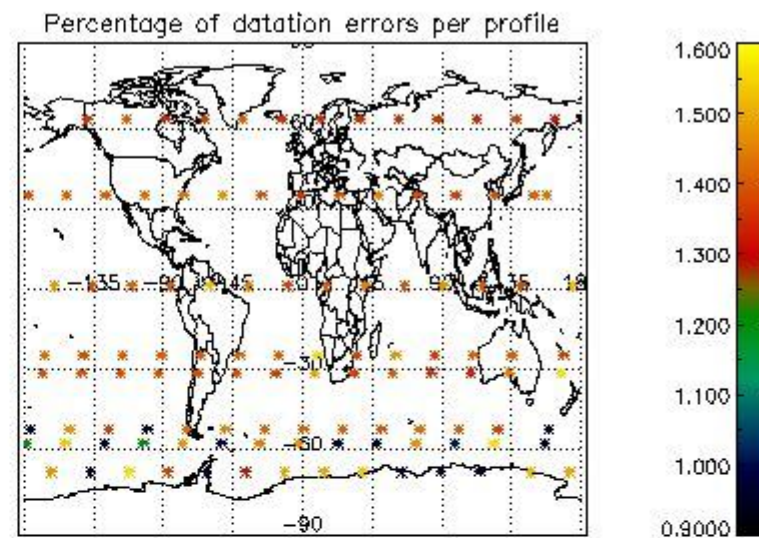
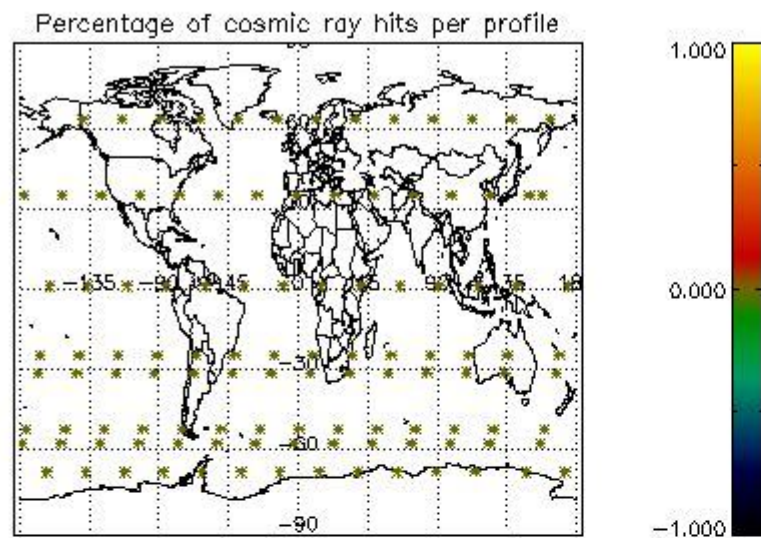


4.2 Plot quality information per product coming from level 1b processing (world map)

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

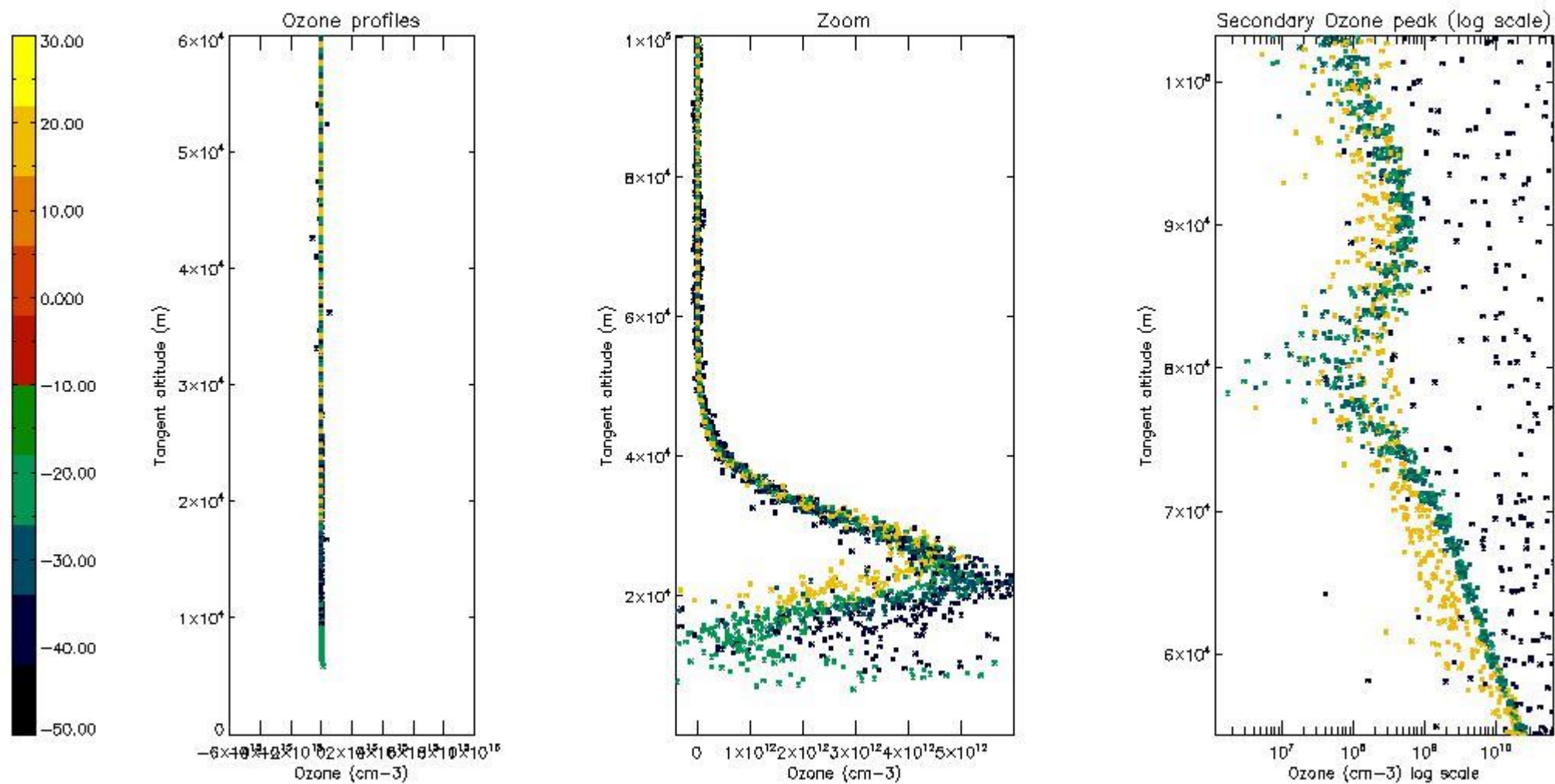
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	28
STD < 20	13

STD < 10	9
STD < 5	2

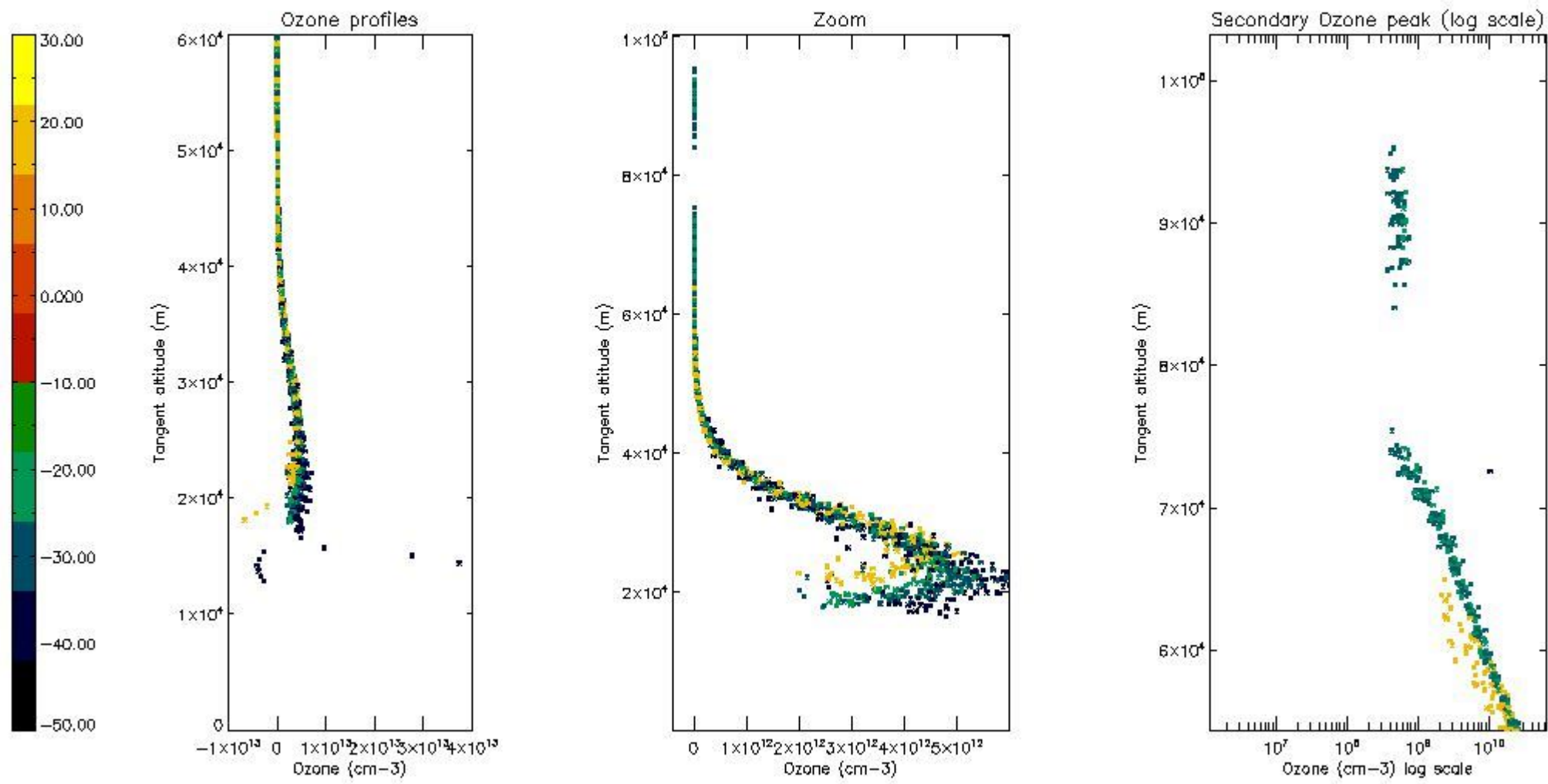
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



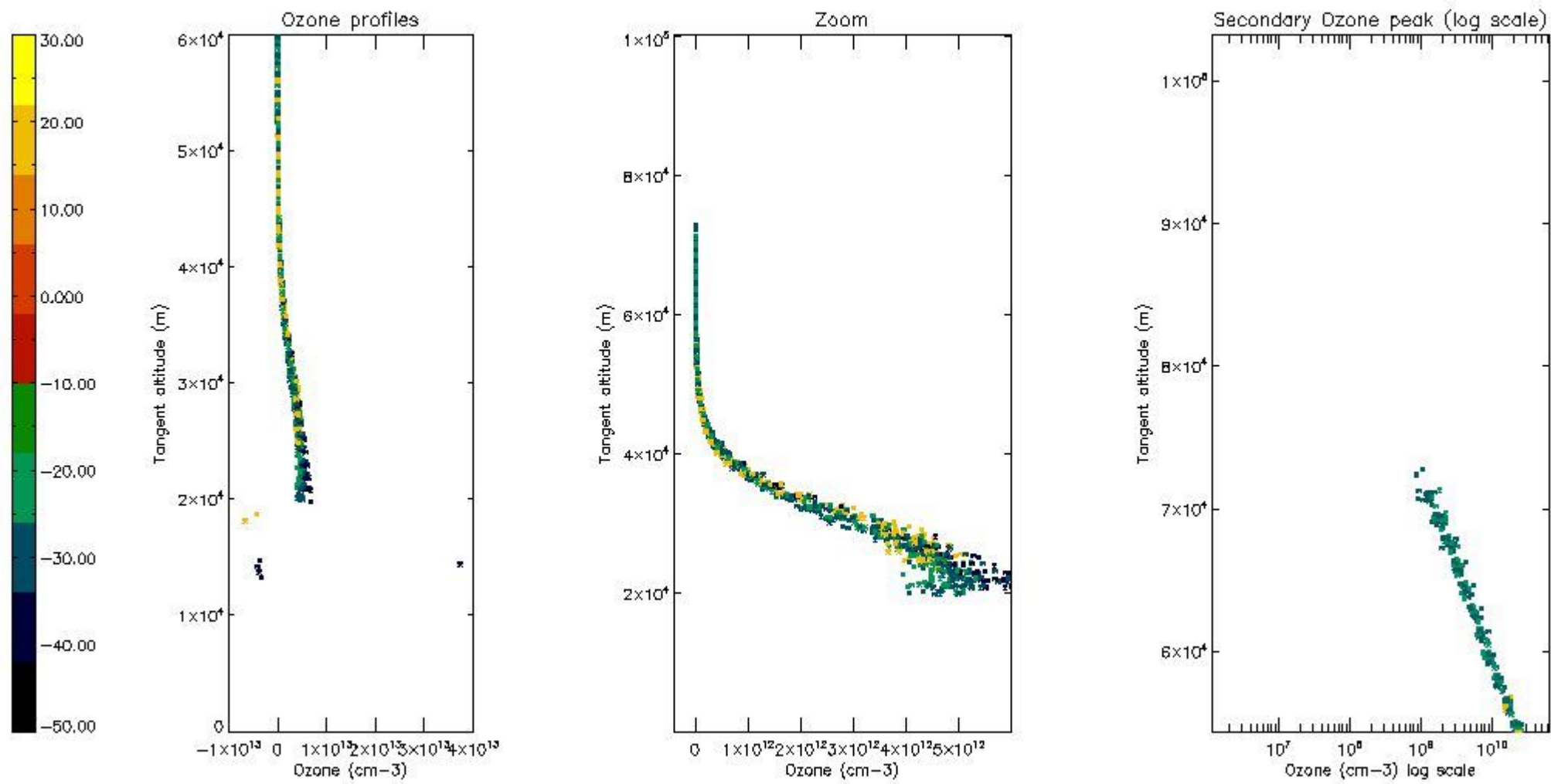
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



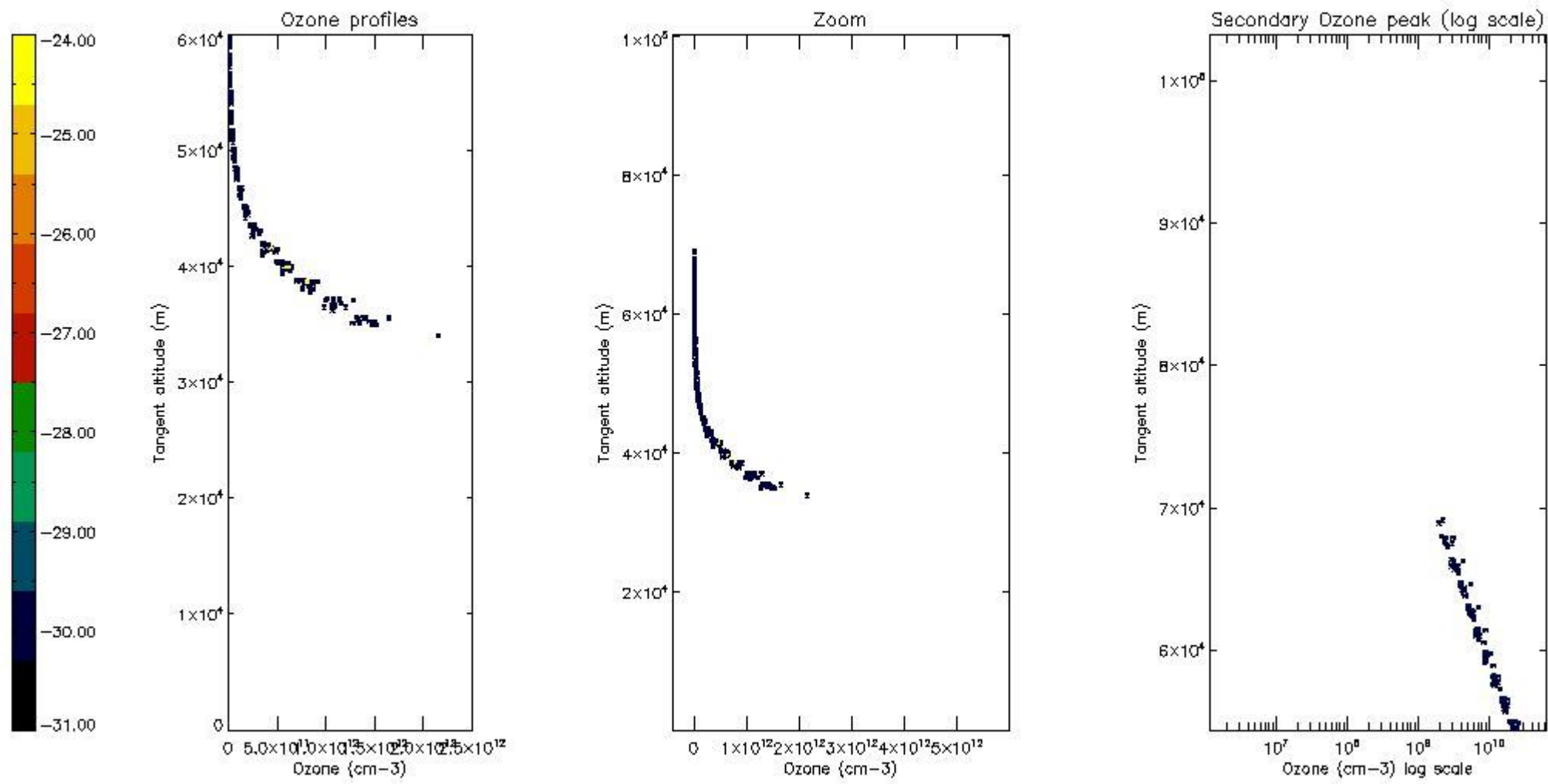
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



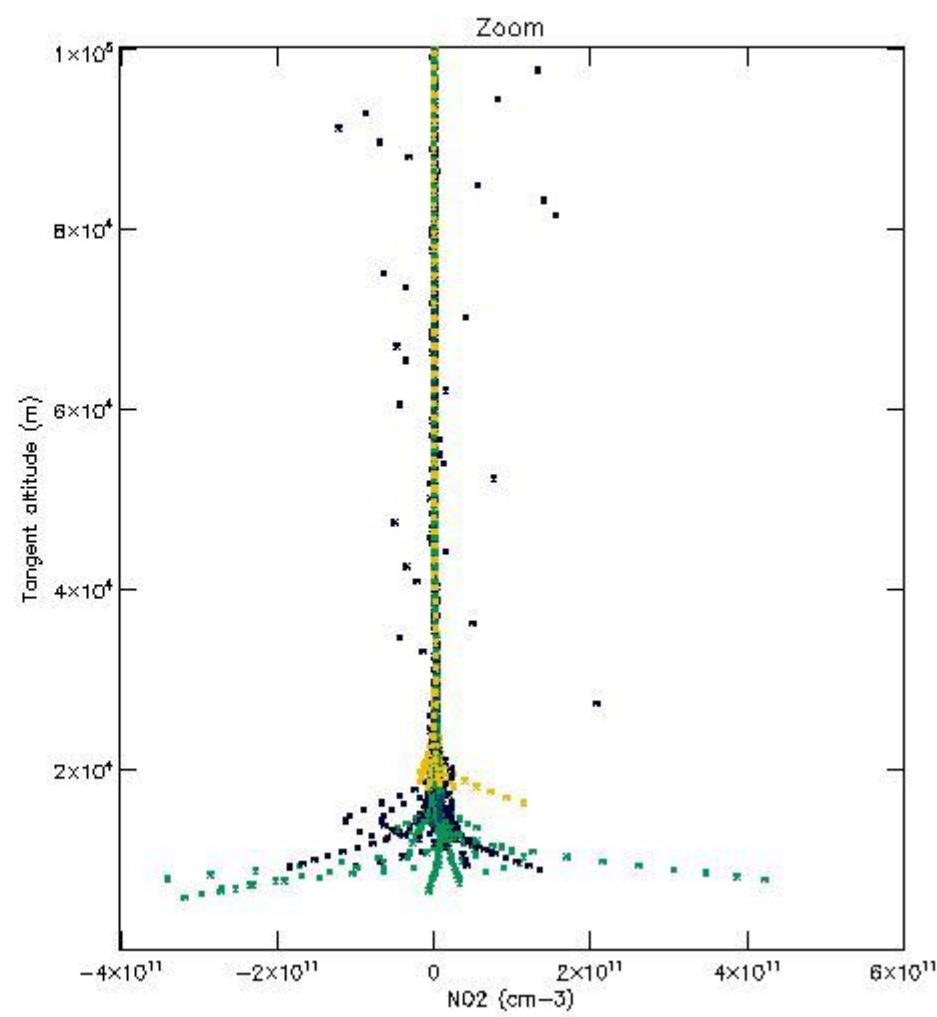
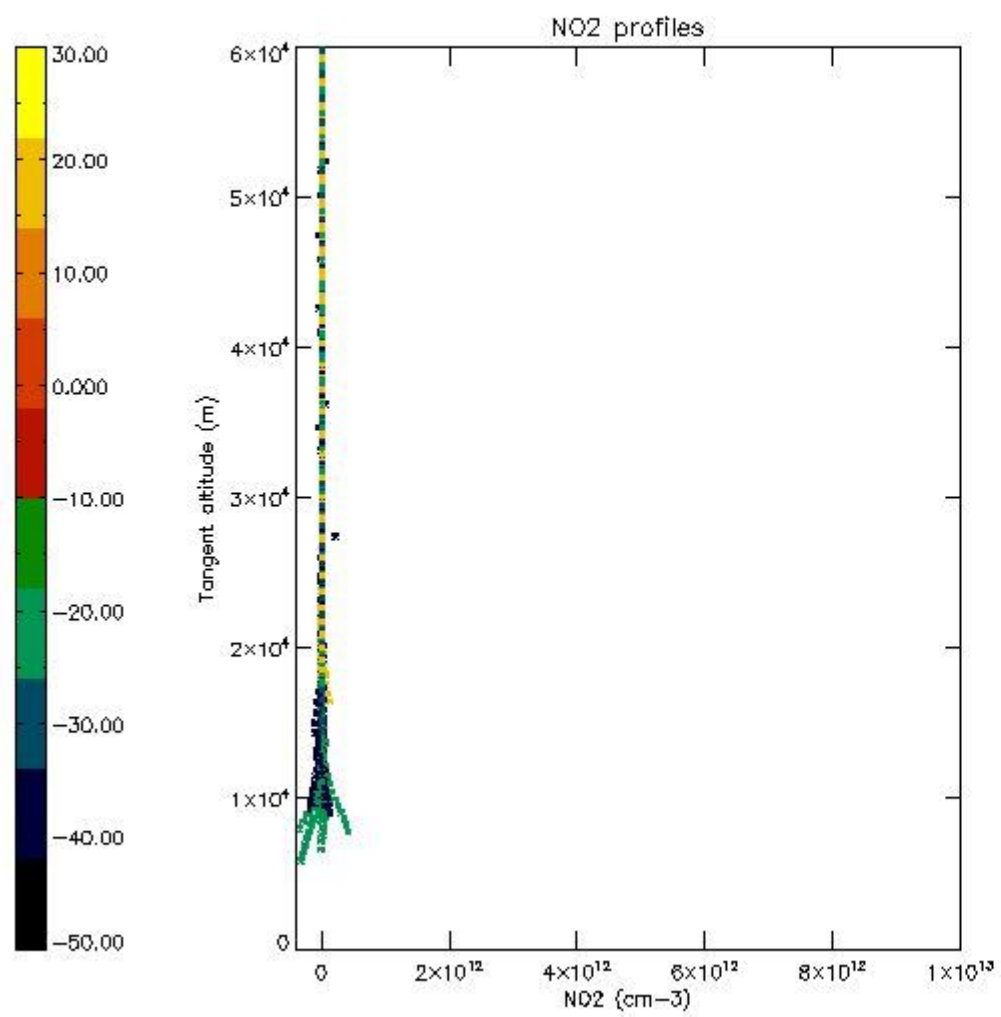
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



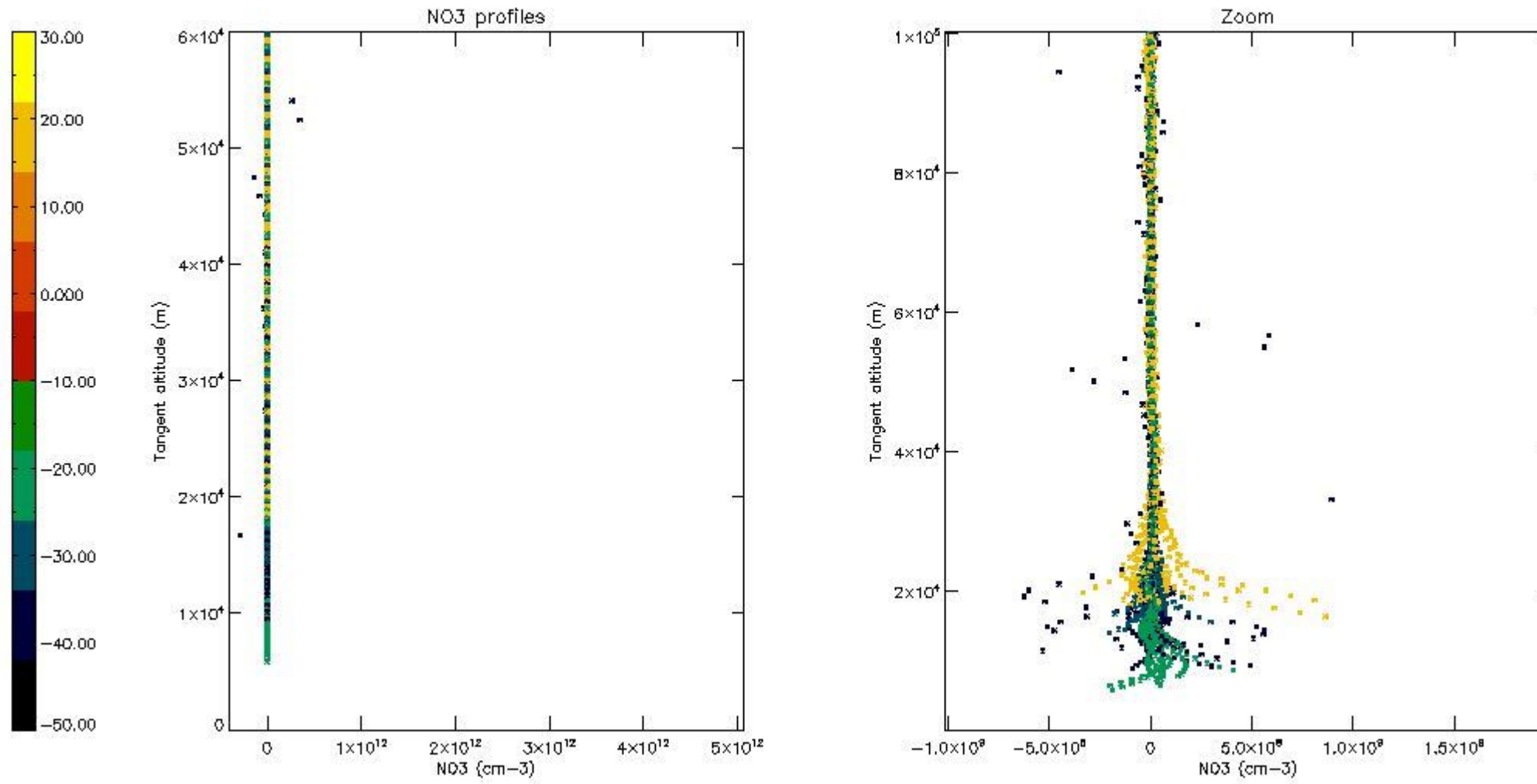
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

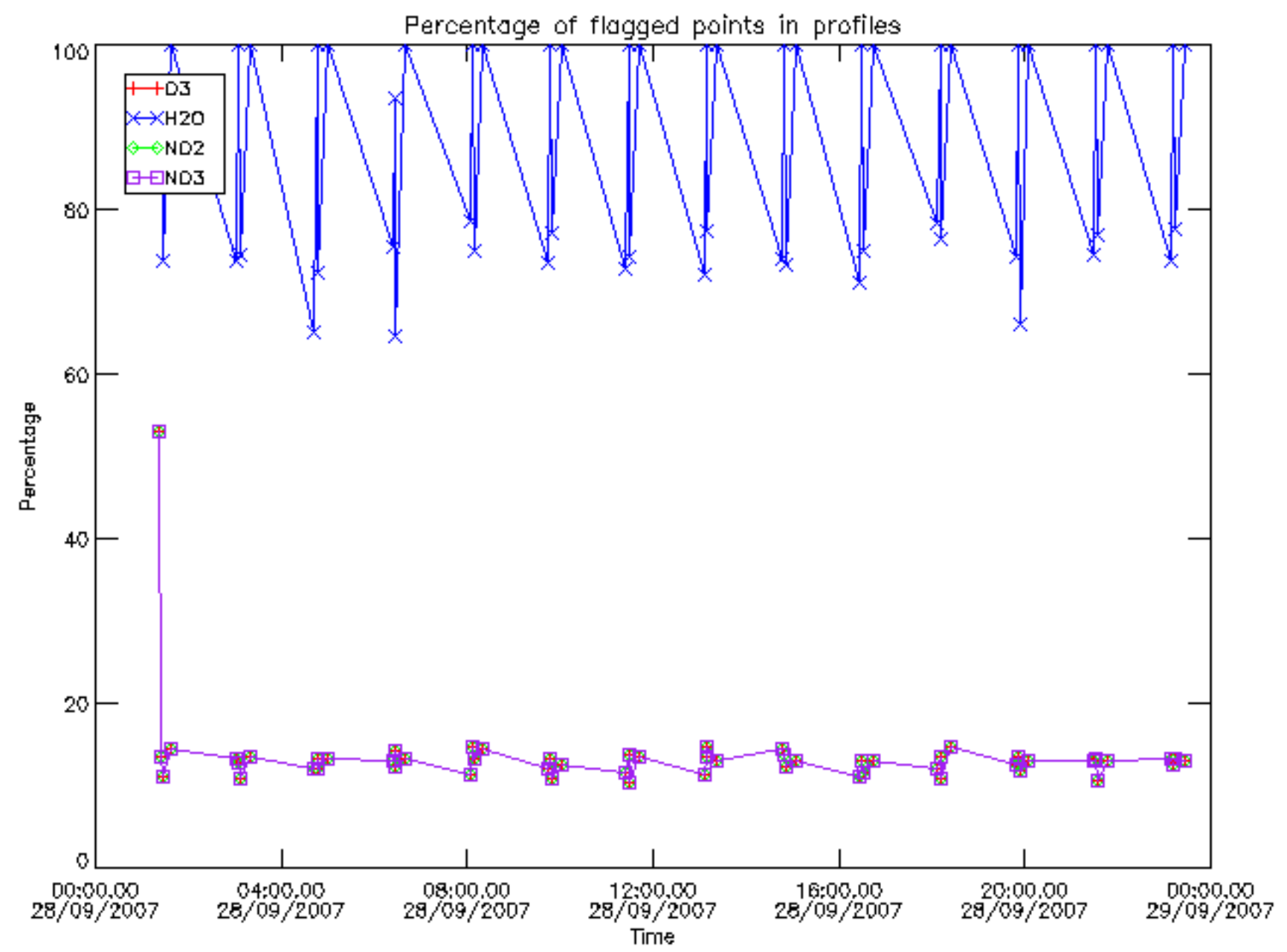
The colorbar represents the latitude.



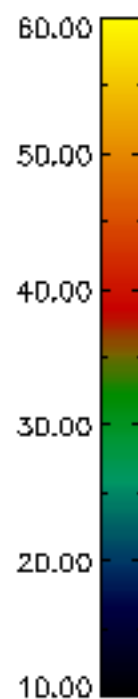
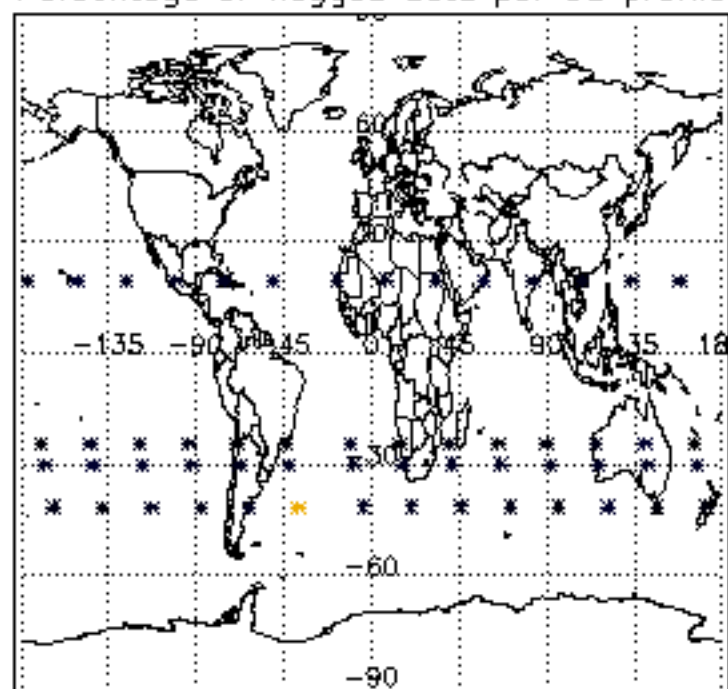
6. Auxiliary Data Files used for the production reported in section 2

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

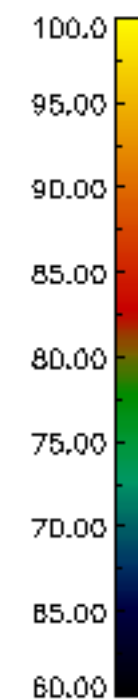
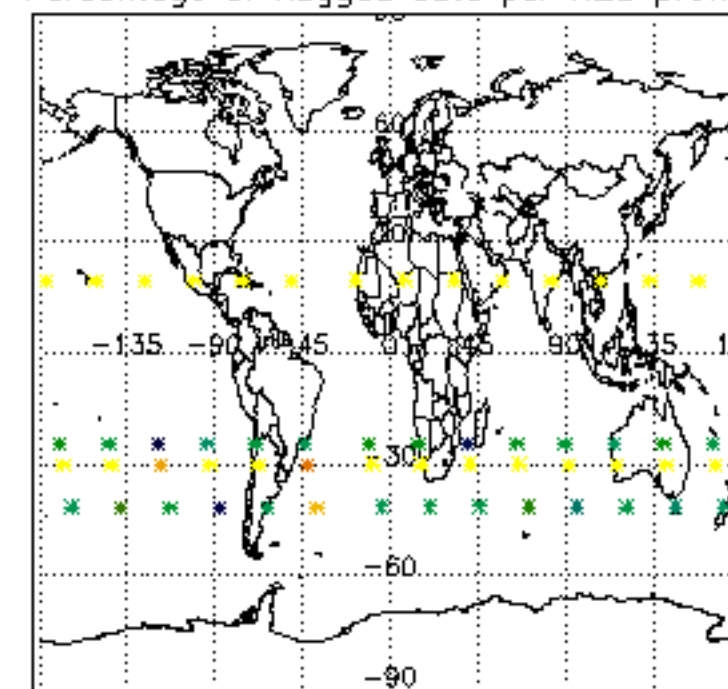
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	28-SEP-2007 00:09:25
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	28-SEP-2007 00:09:25
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	28-SEP-2007 00:09:25



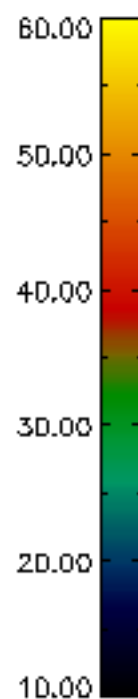
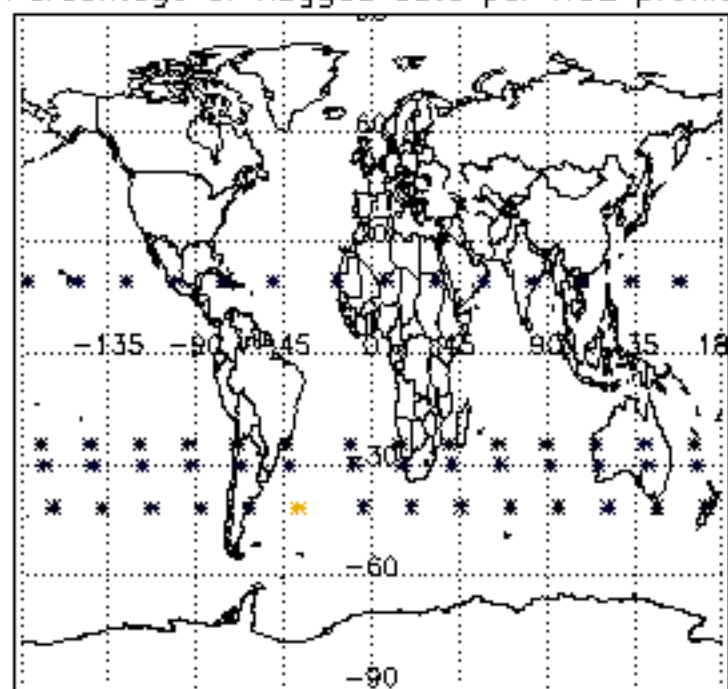
Percentage of flagged data per D3 profile



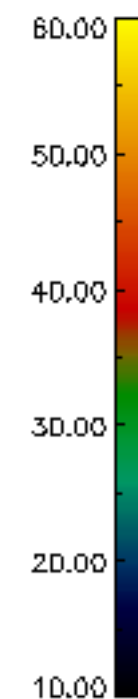
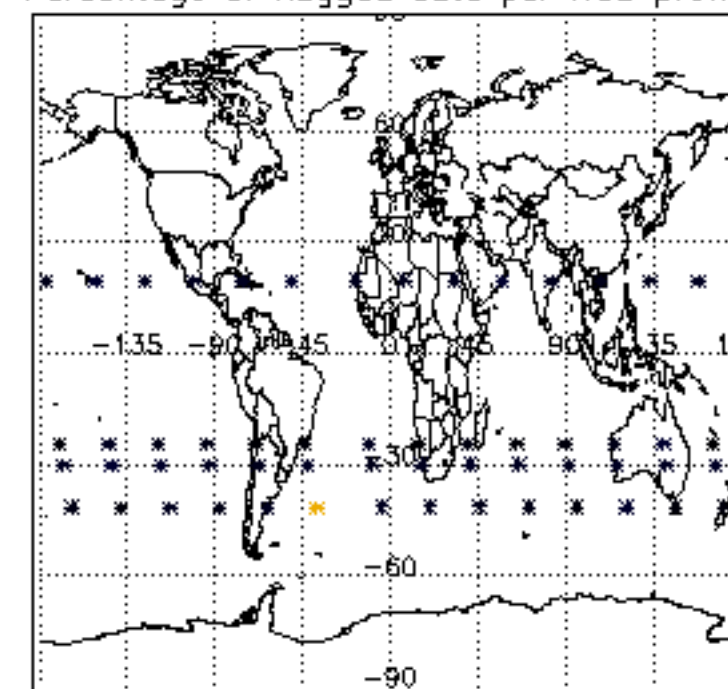
Percentage of flagged data per H2O profile

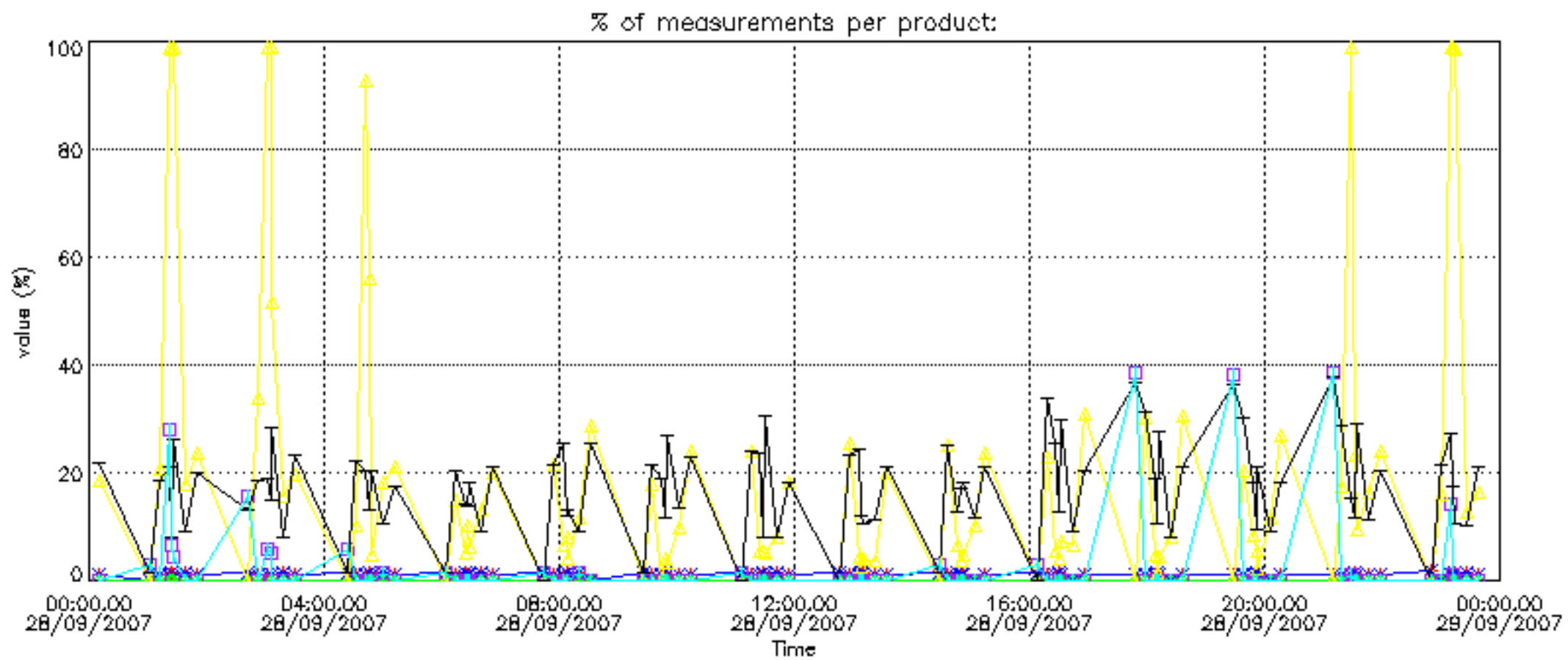


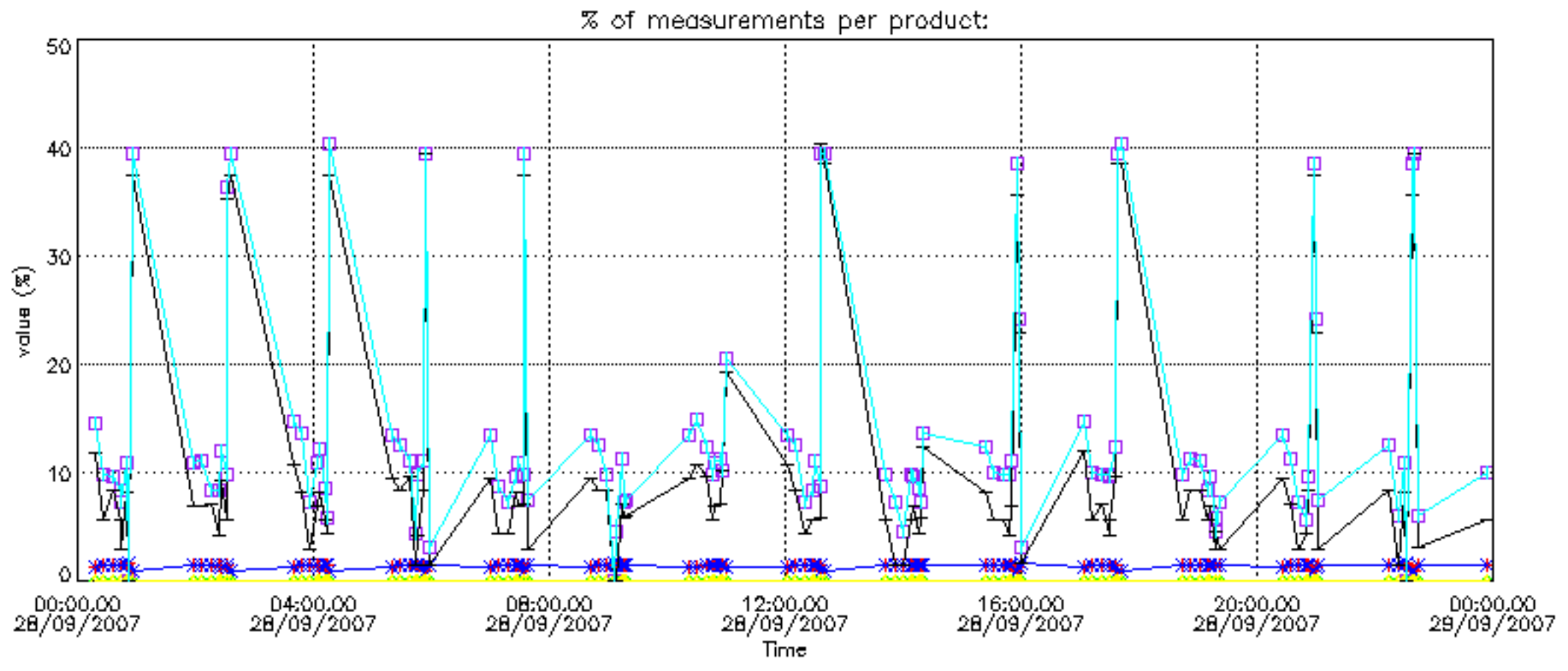
Percentage of flagged data per NO2 profile



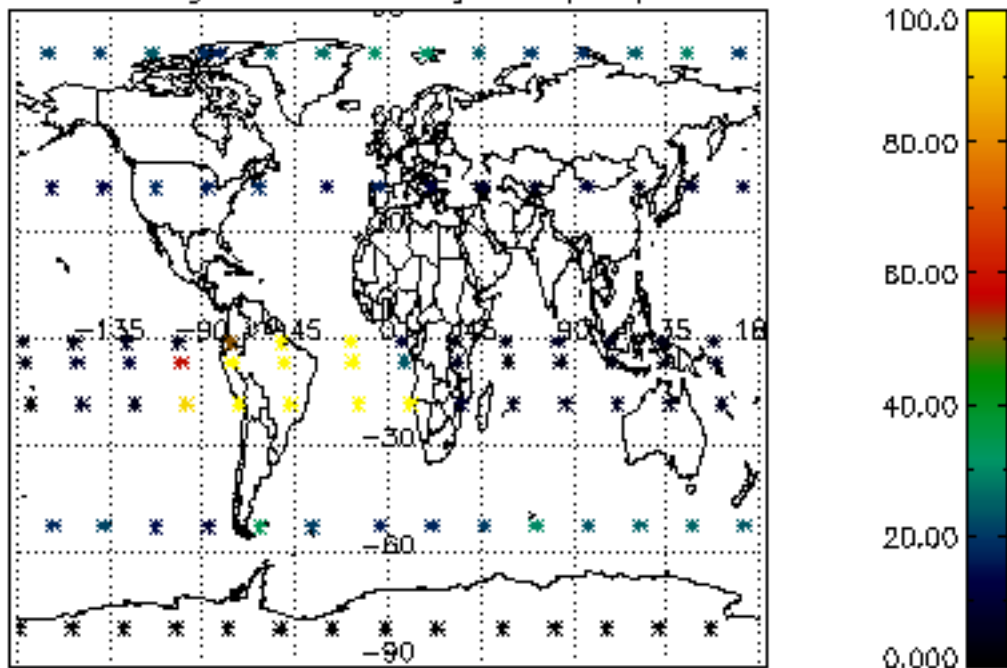
Percentage of flagged data per NO3 profile



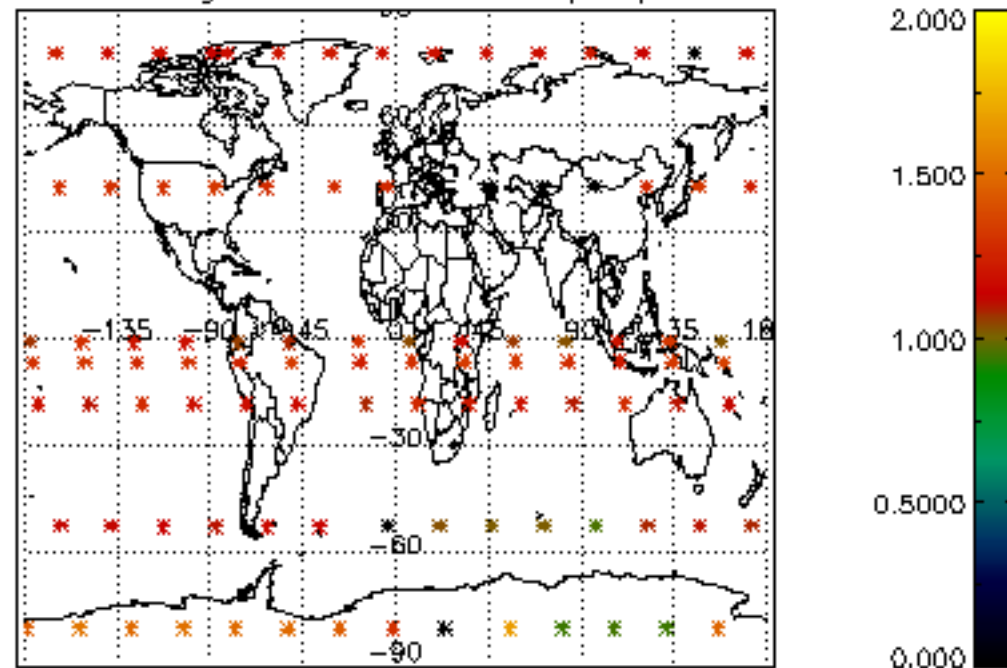




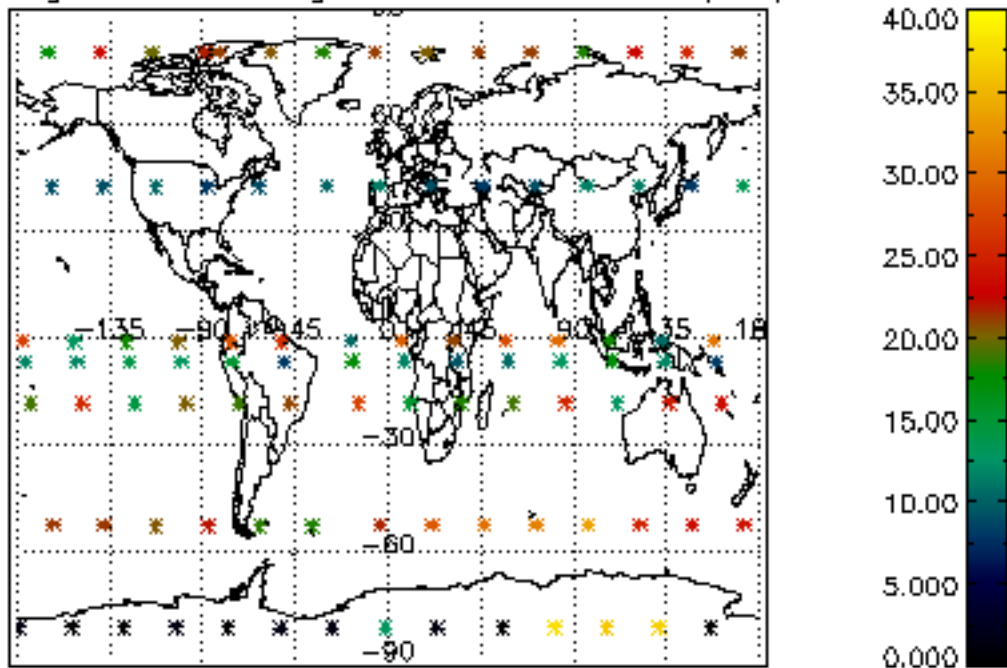
Percentage of cosmic ray hits per profile



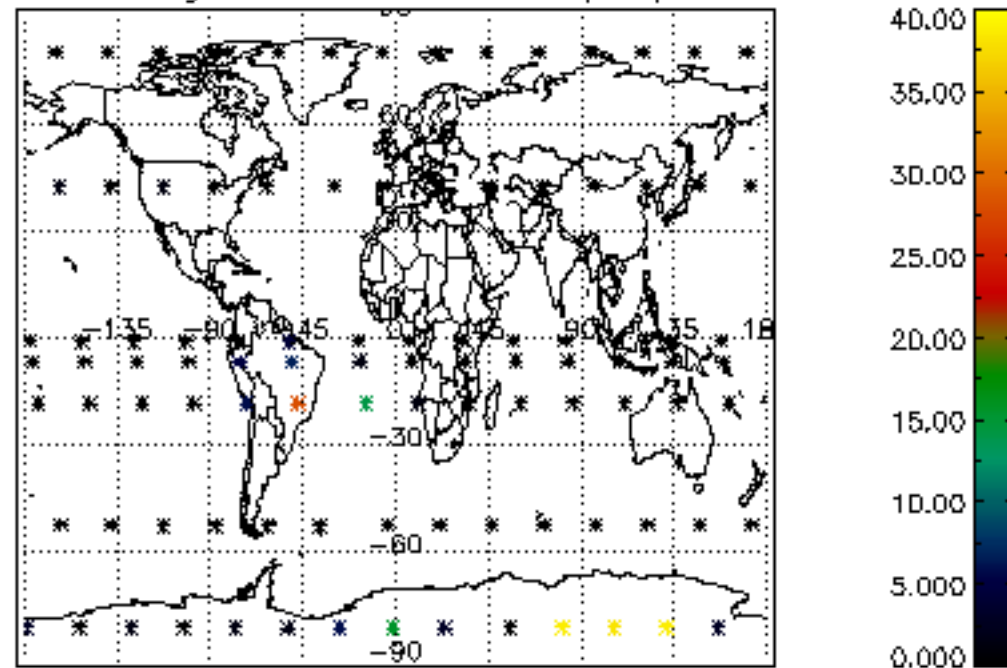
Percentage of datation errors per profile



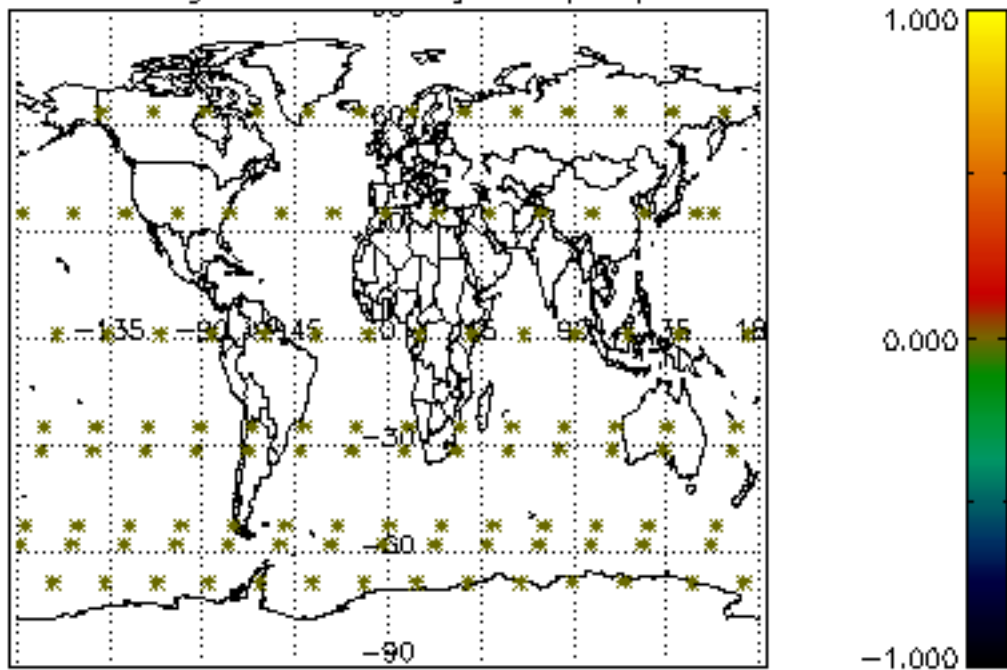
Percentage of star falling outside central band per profile



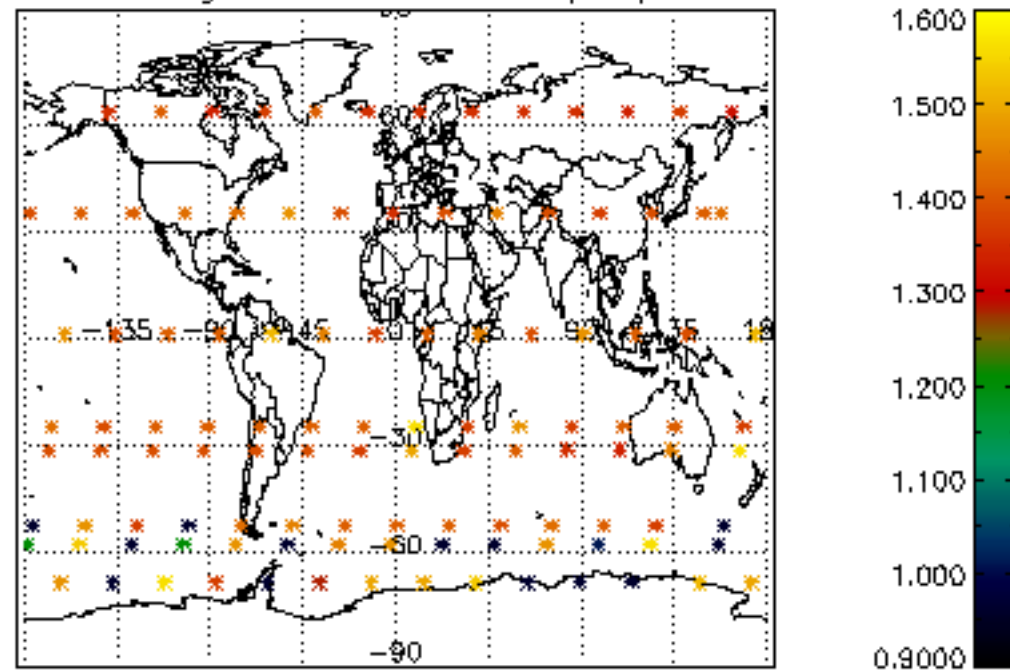
Percentage of saturation errors per profile



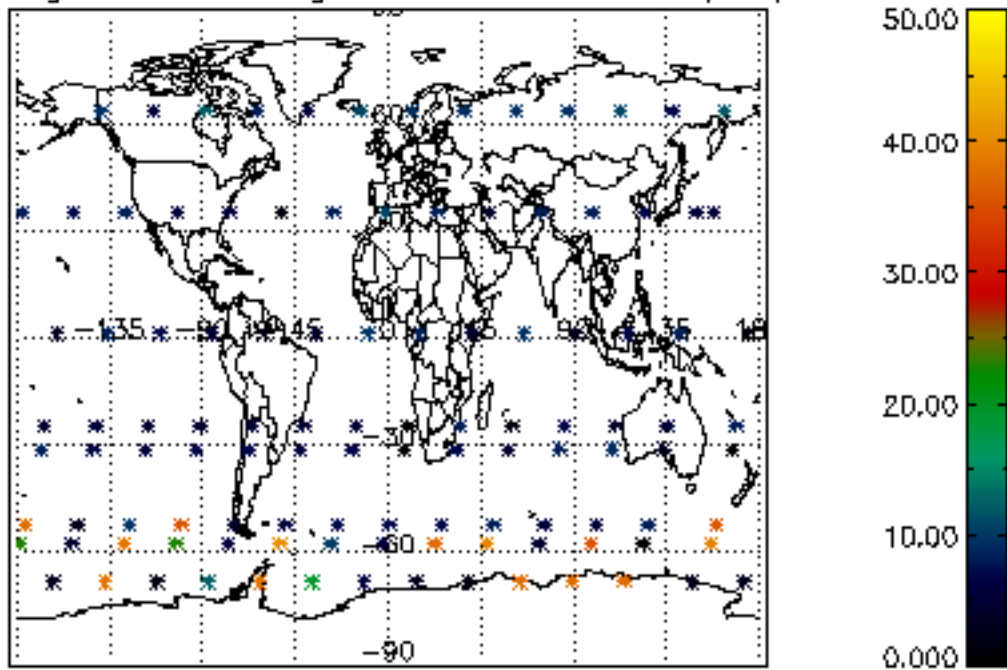
Percentage of cosmic ray hits per profile



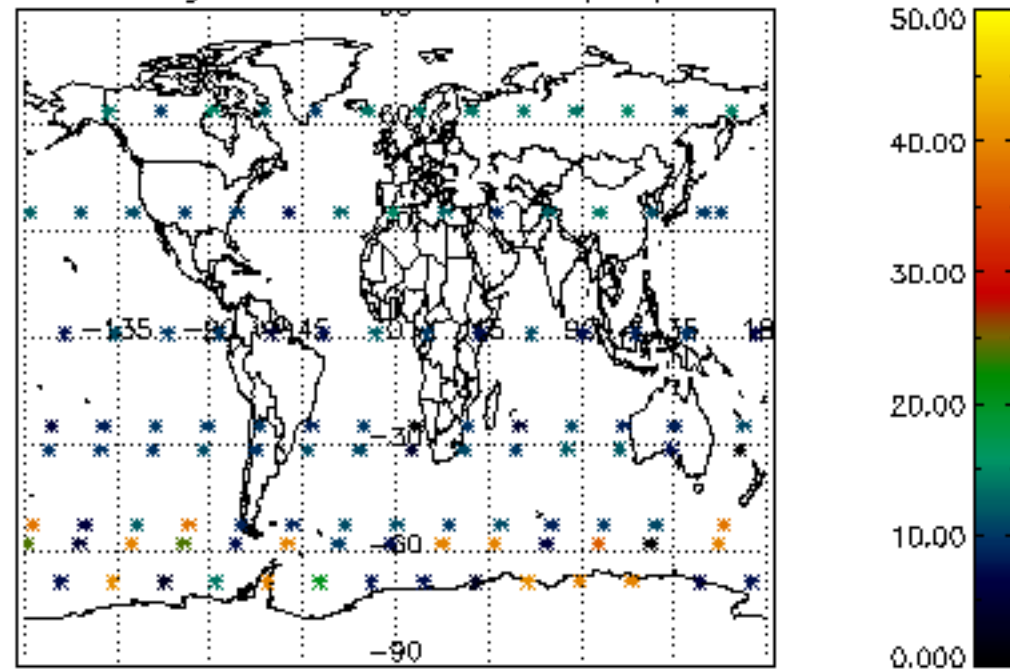
Percentage of datation errors per profile

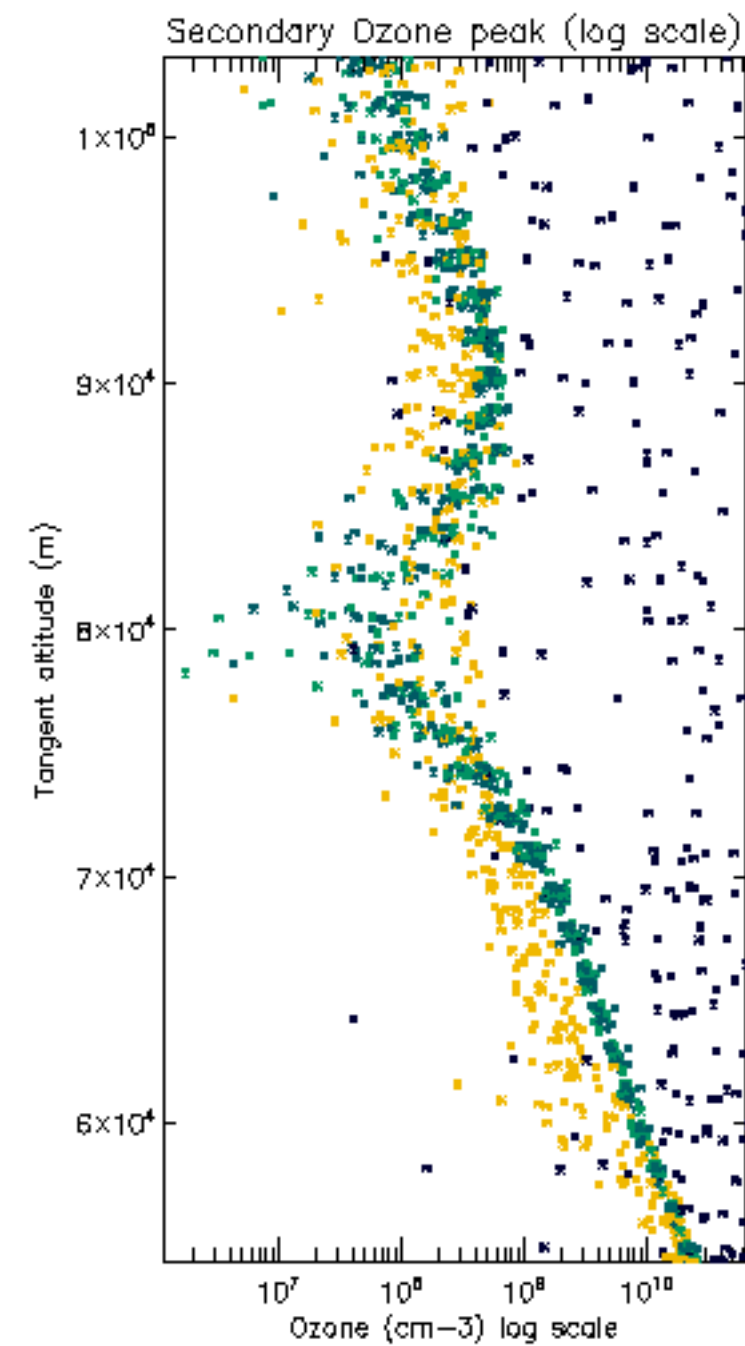
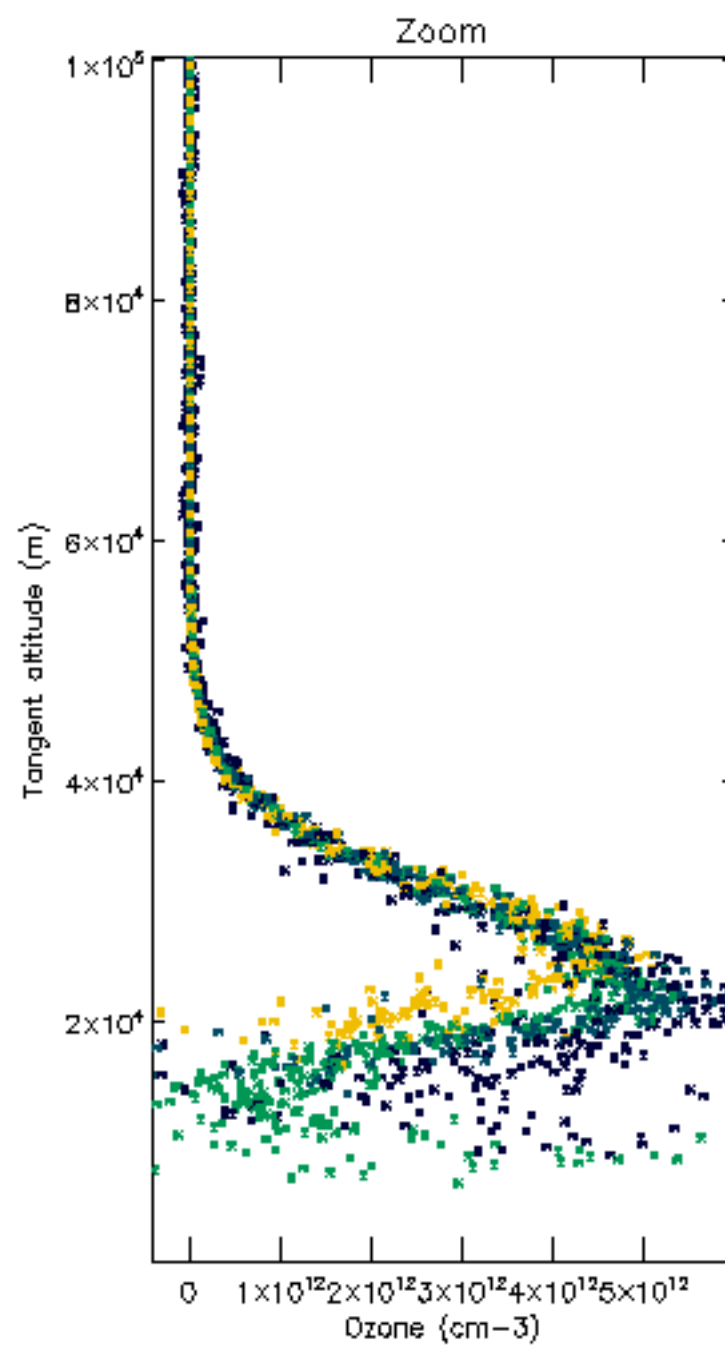
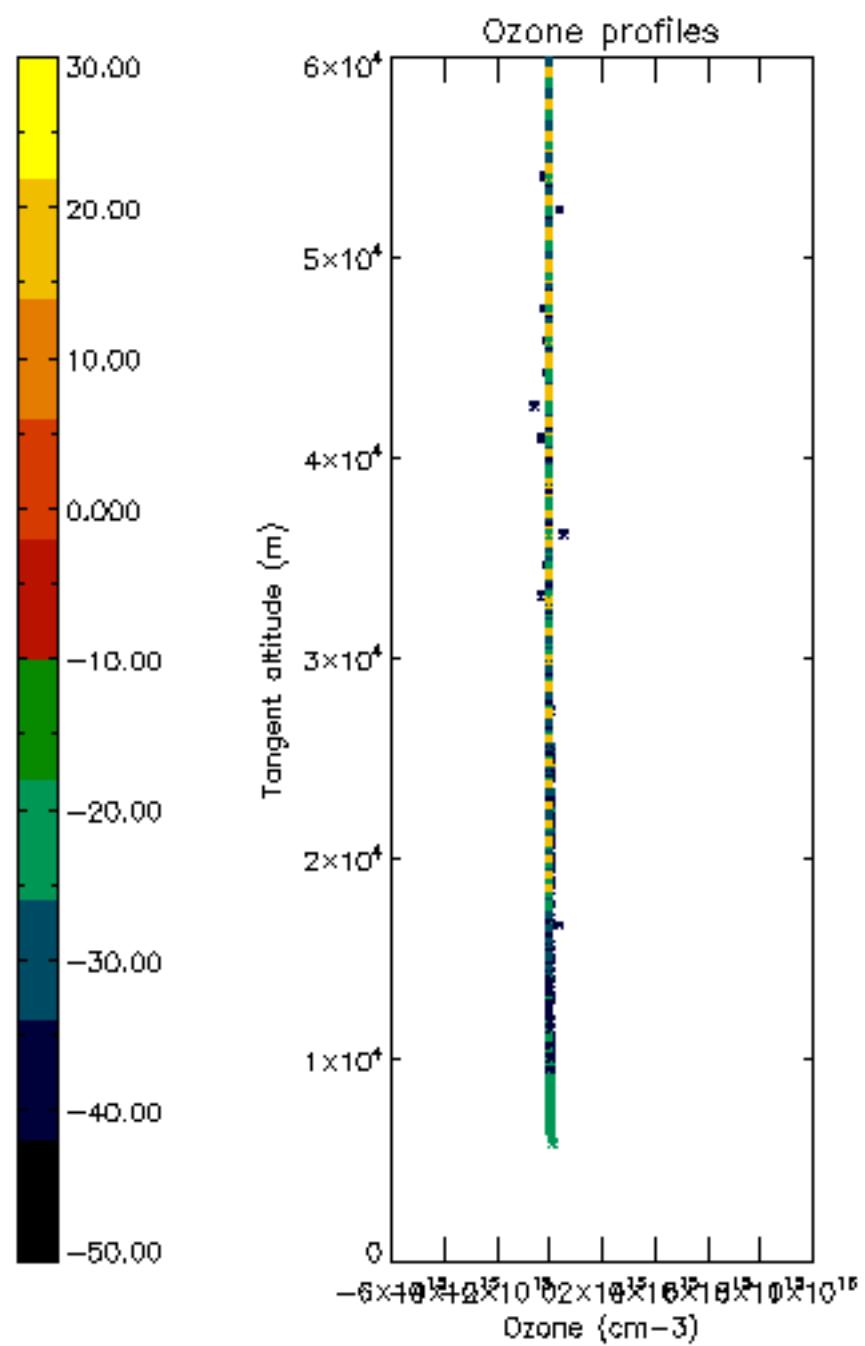


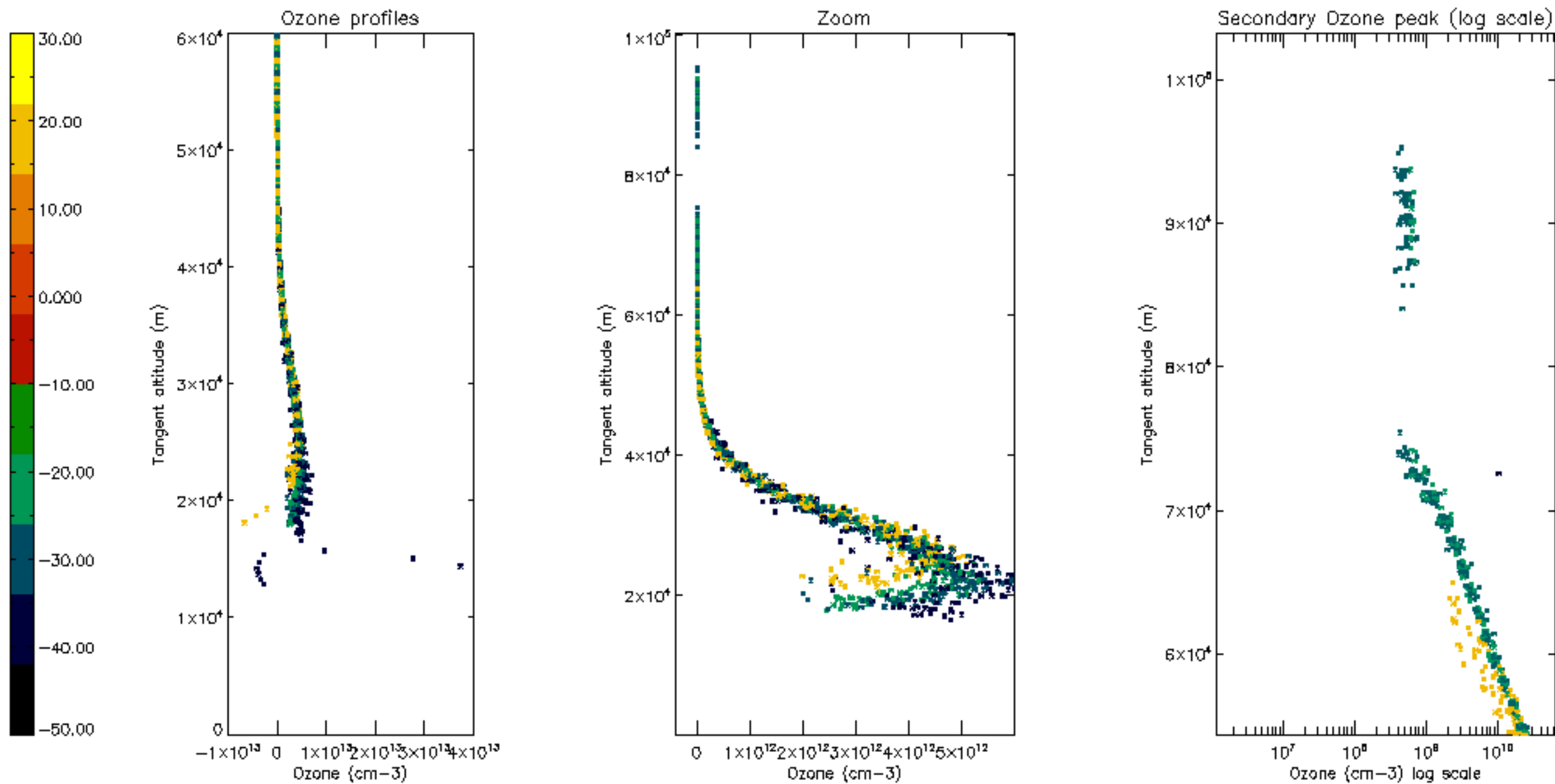
Percentage of star falling outside central band per profile

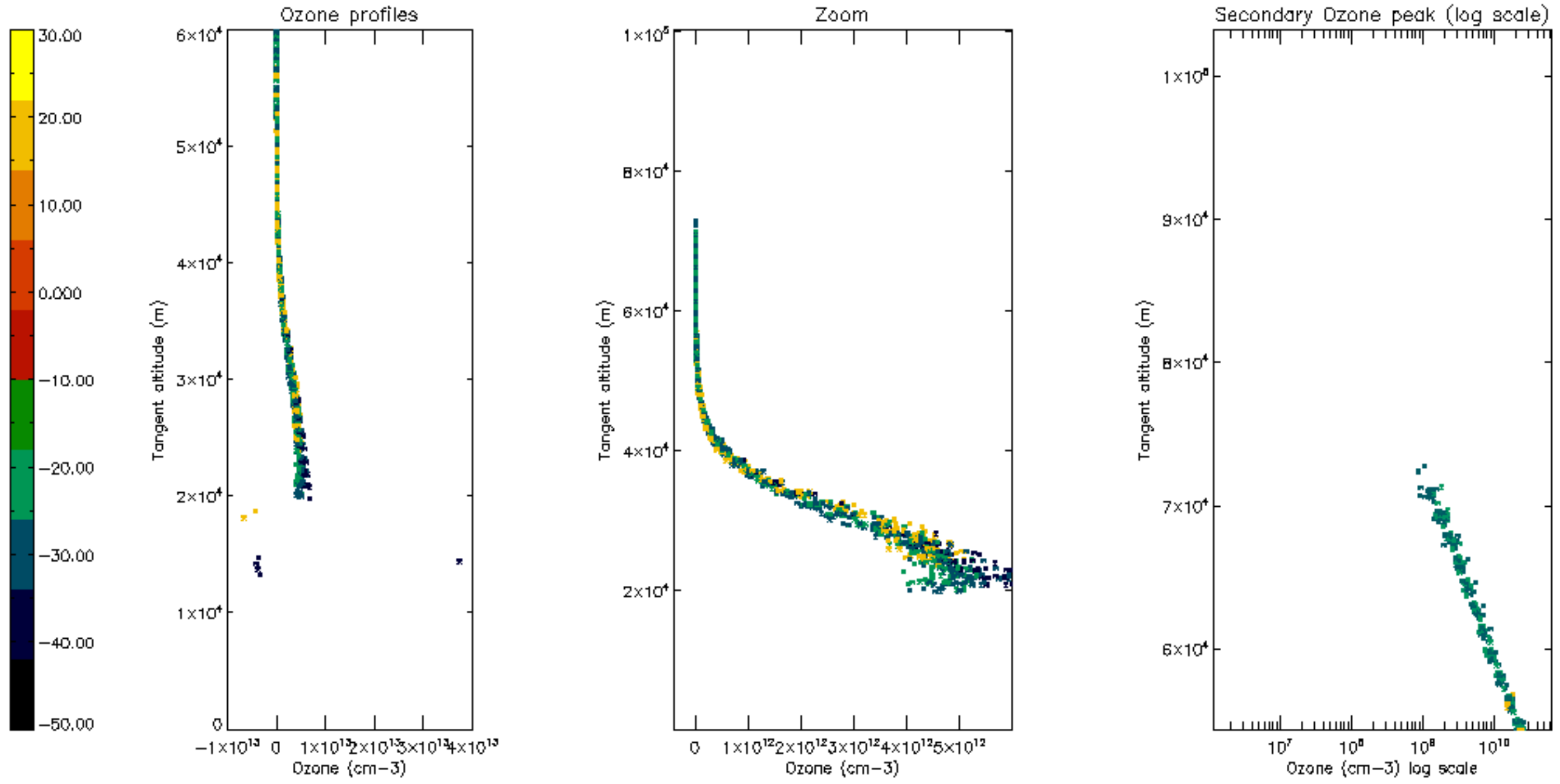


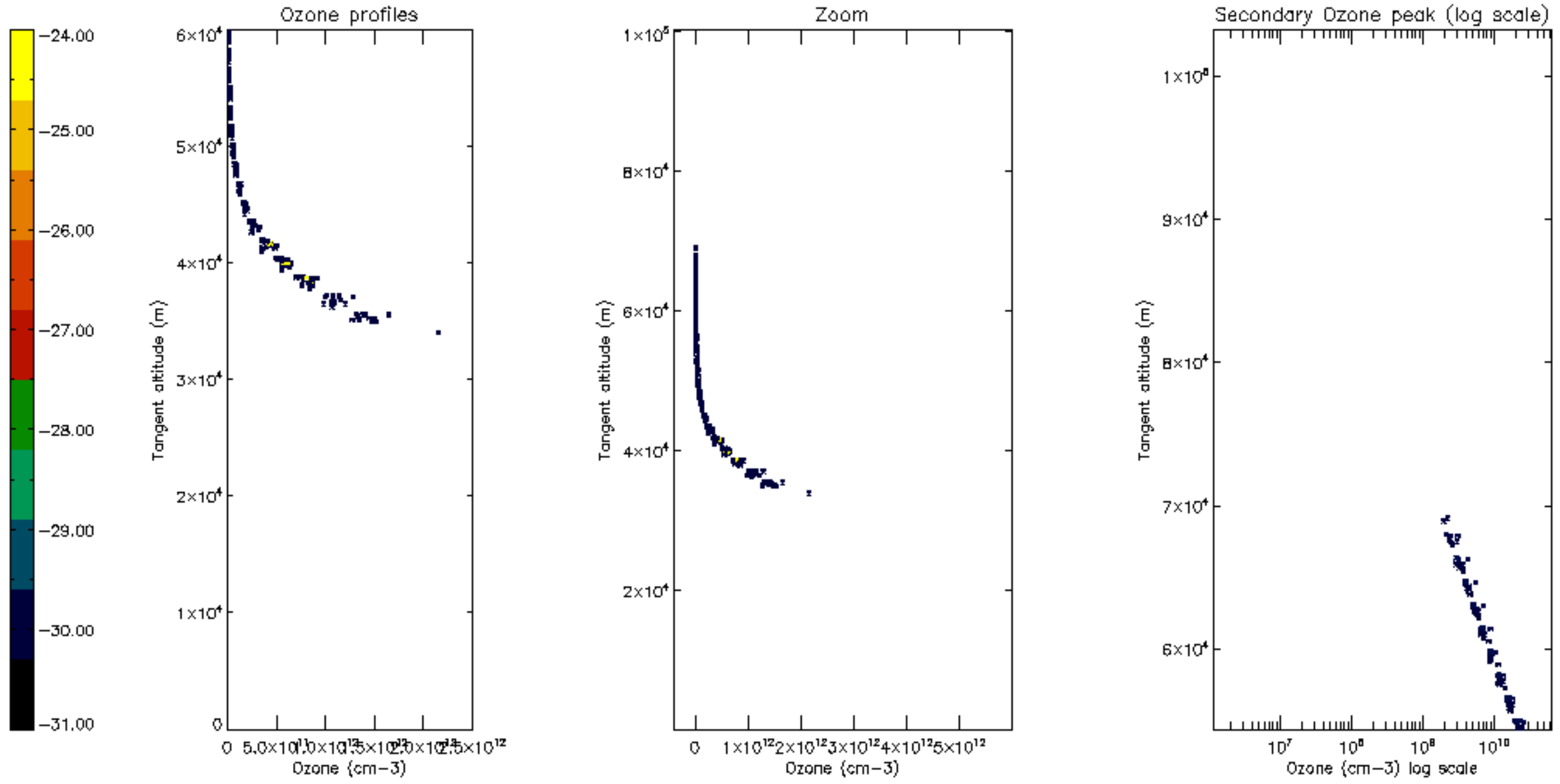
Percentage of saturation errors per profile

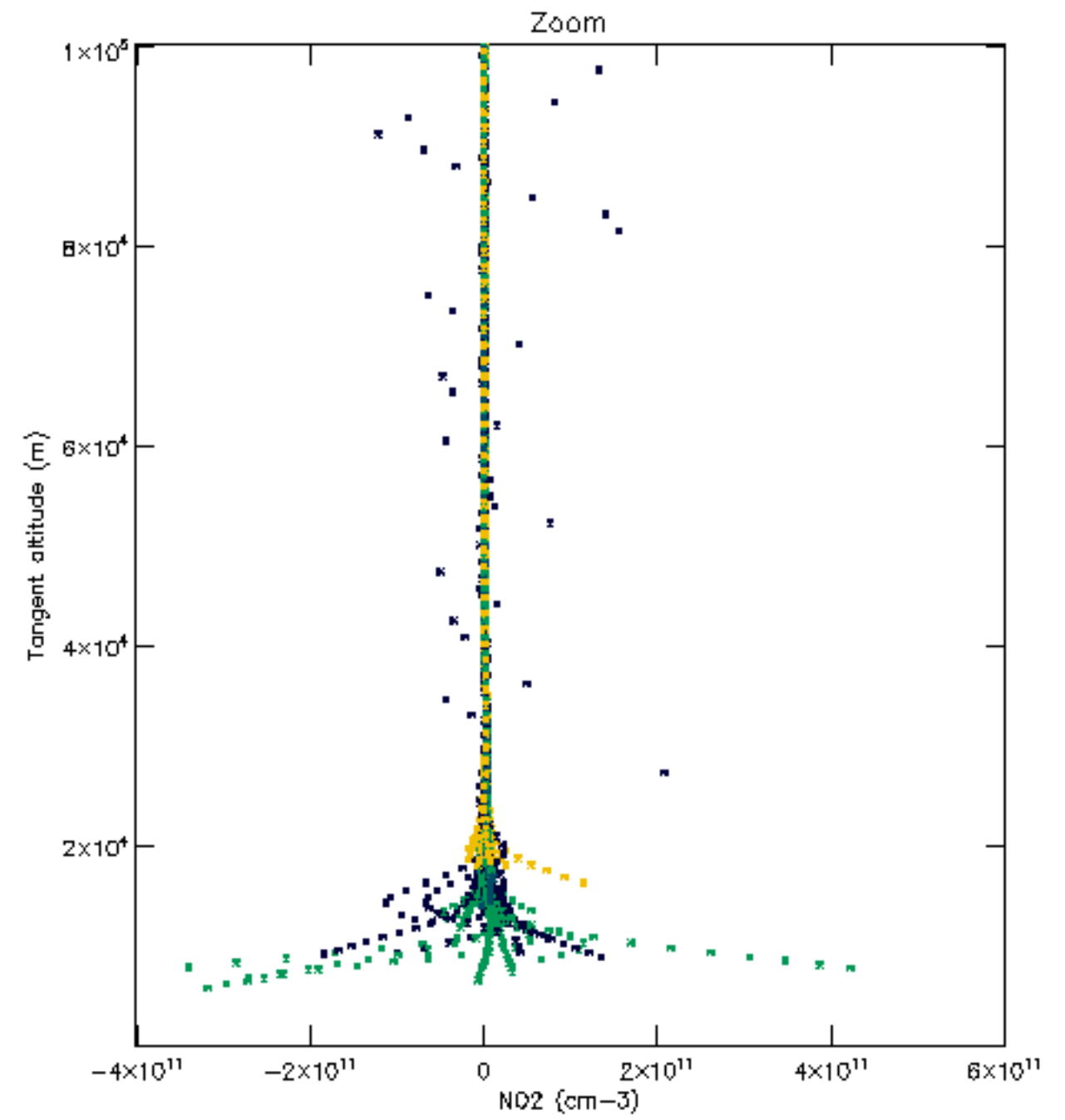
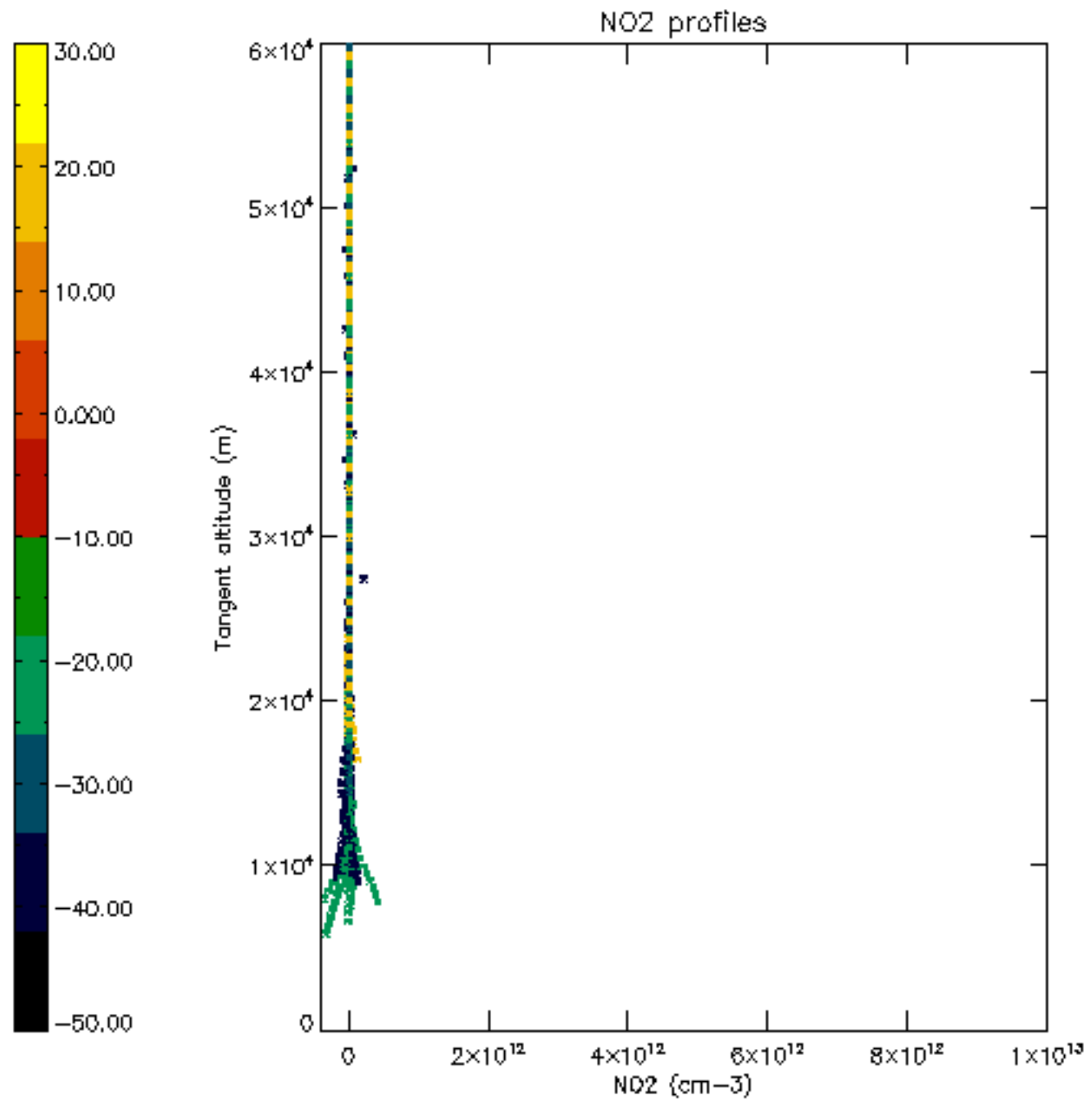


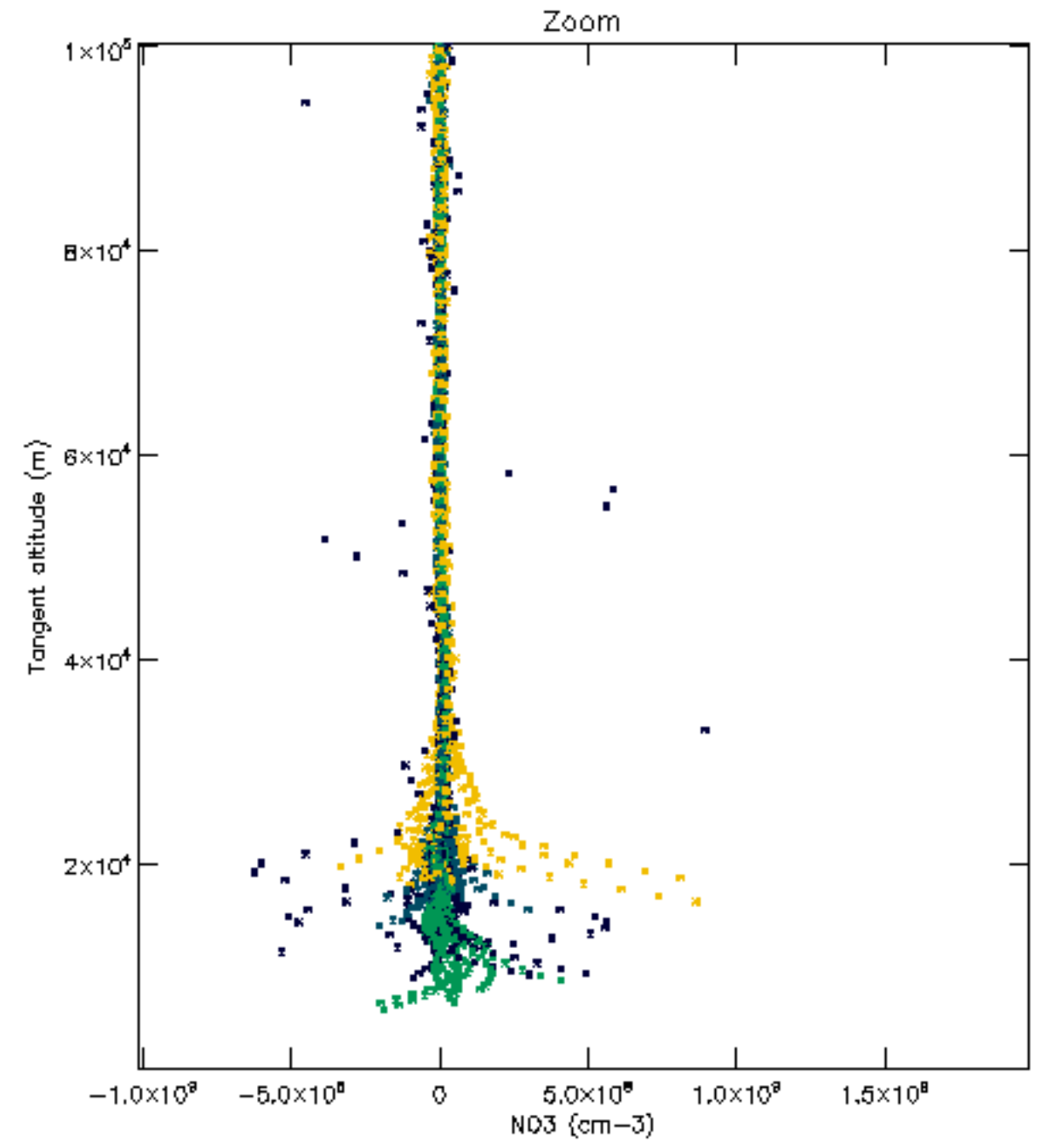
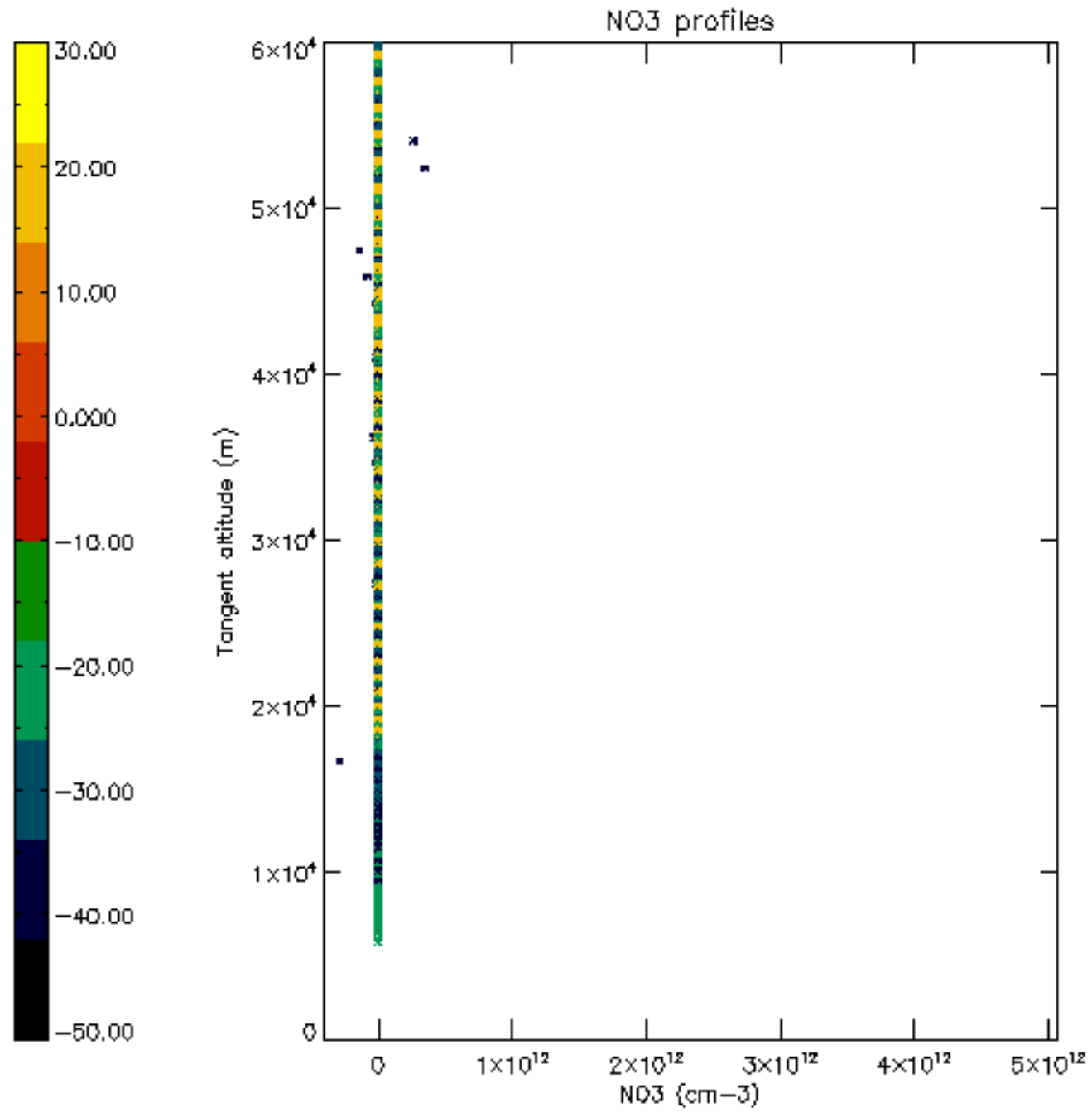


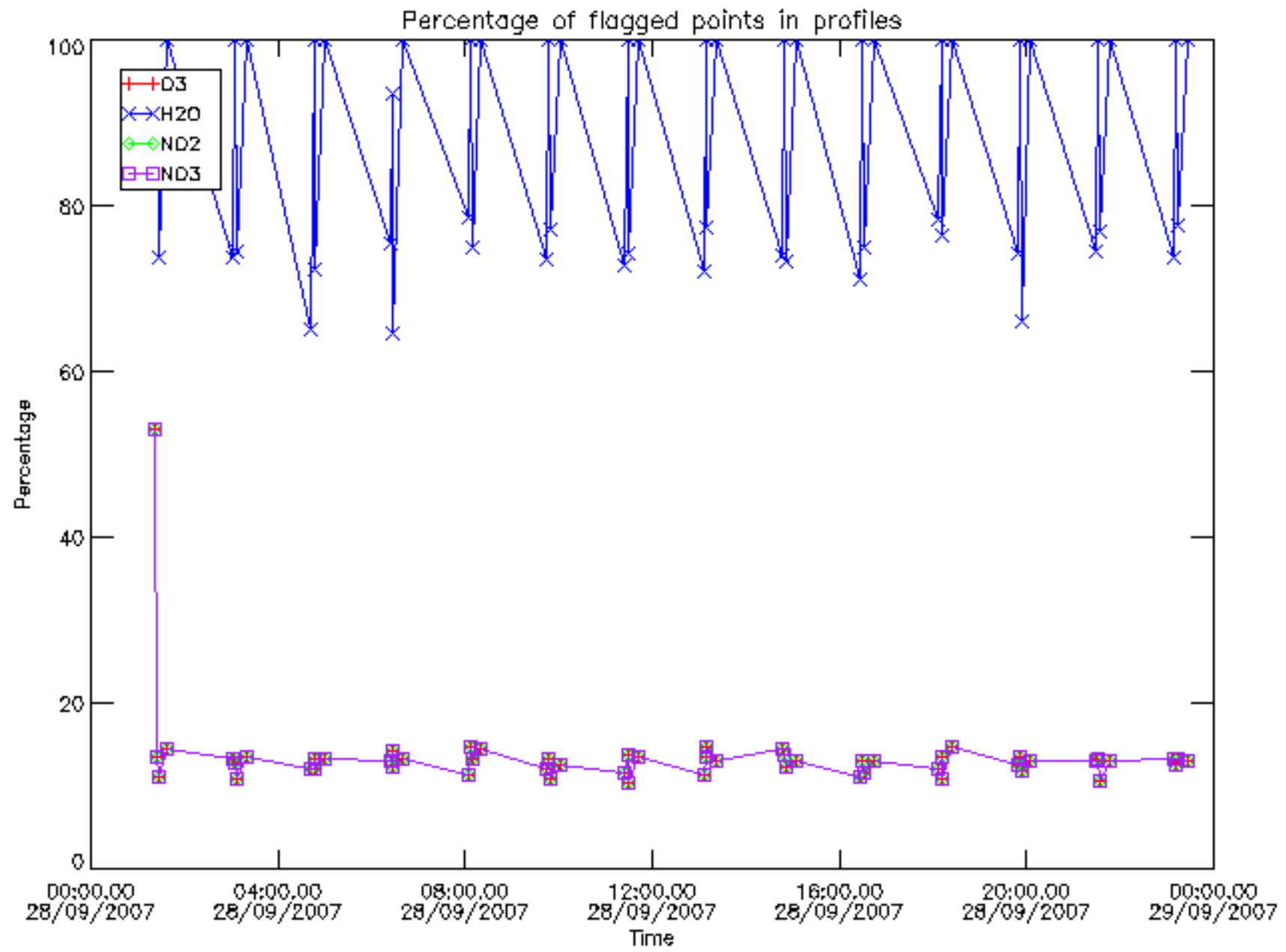




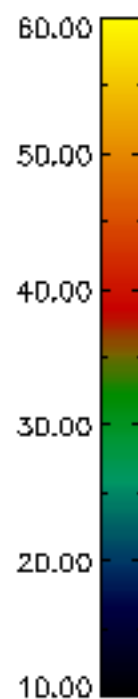
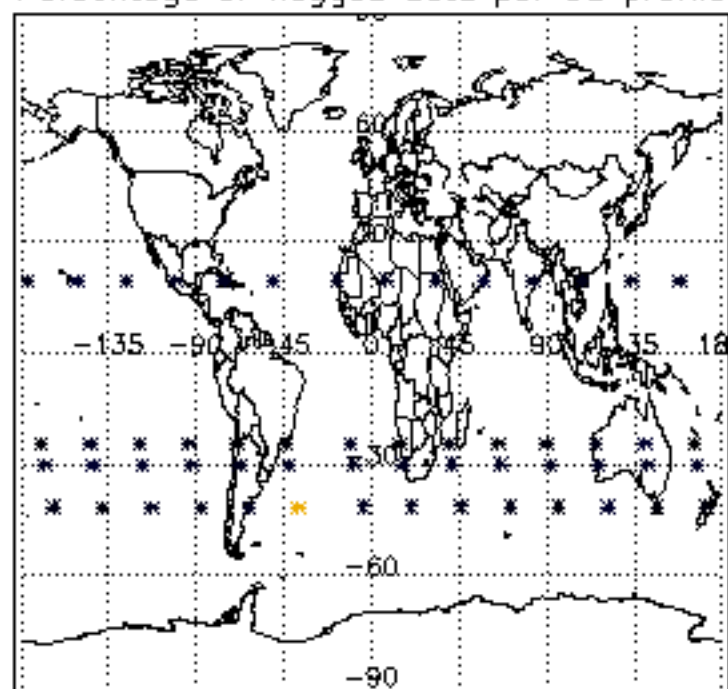




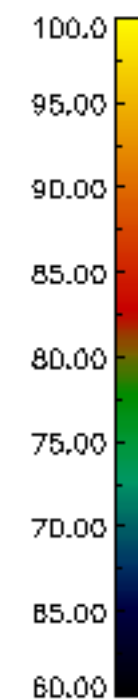
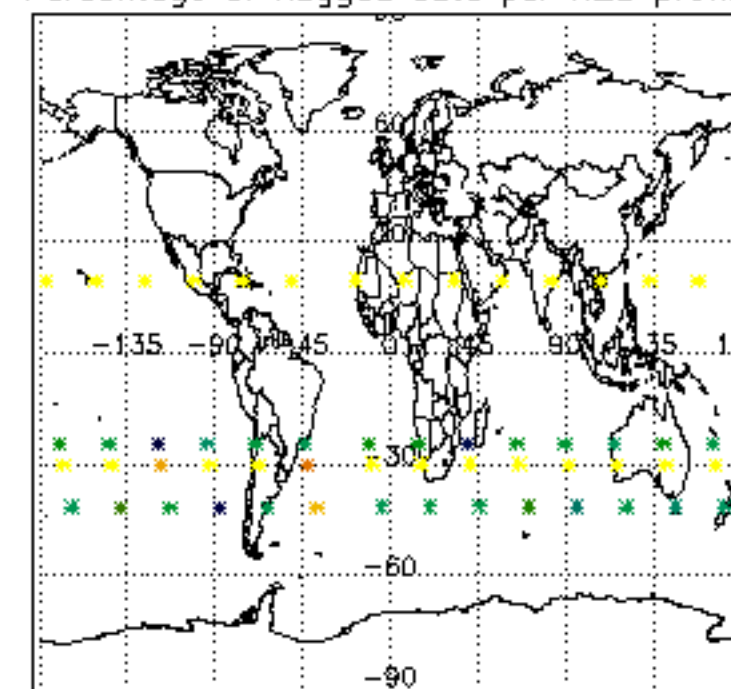




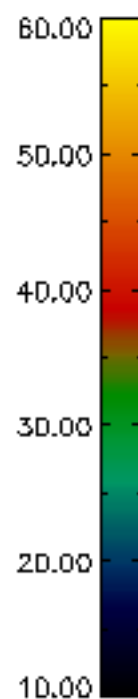
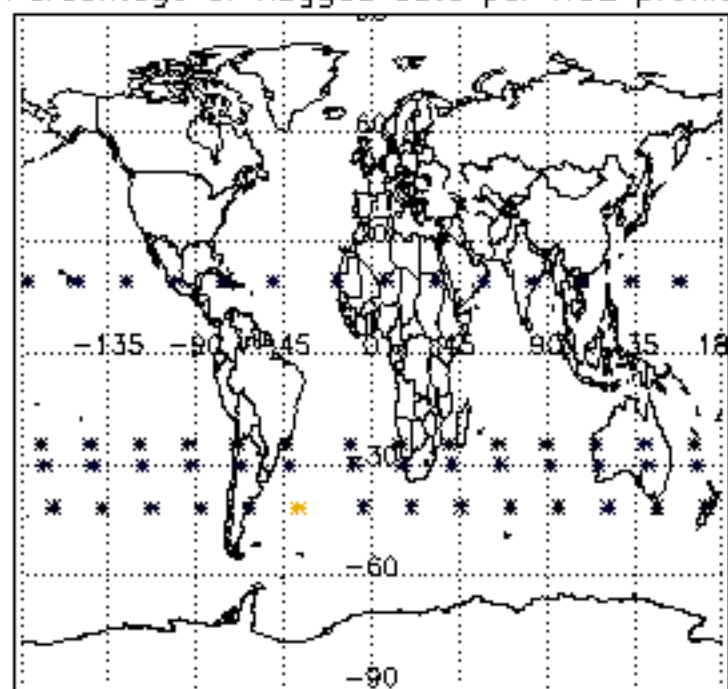
Percentage of flagged data per D3 profile



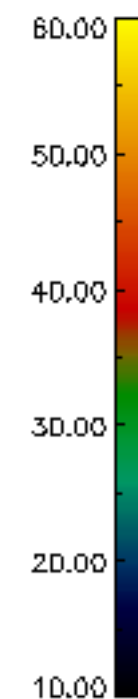
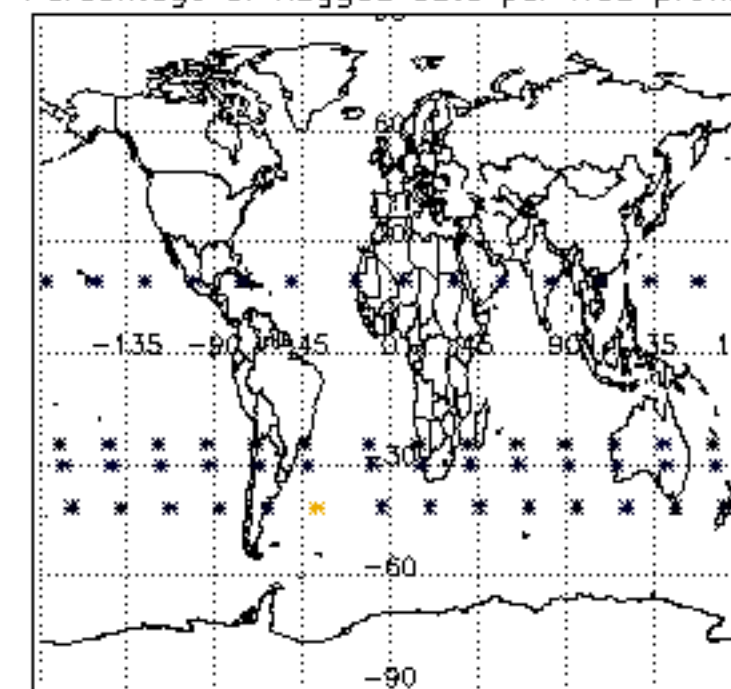
Percentage of flagged data per H2O profile

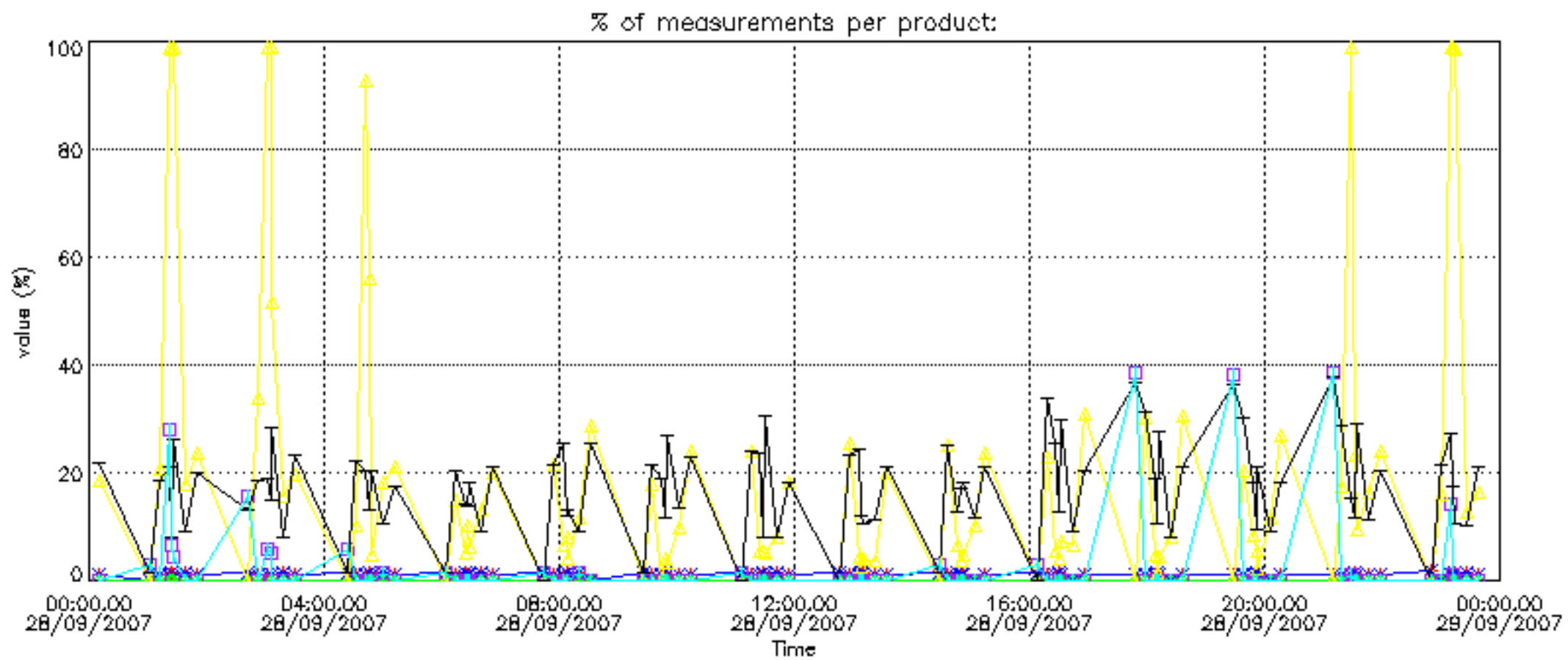


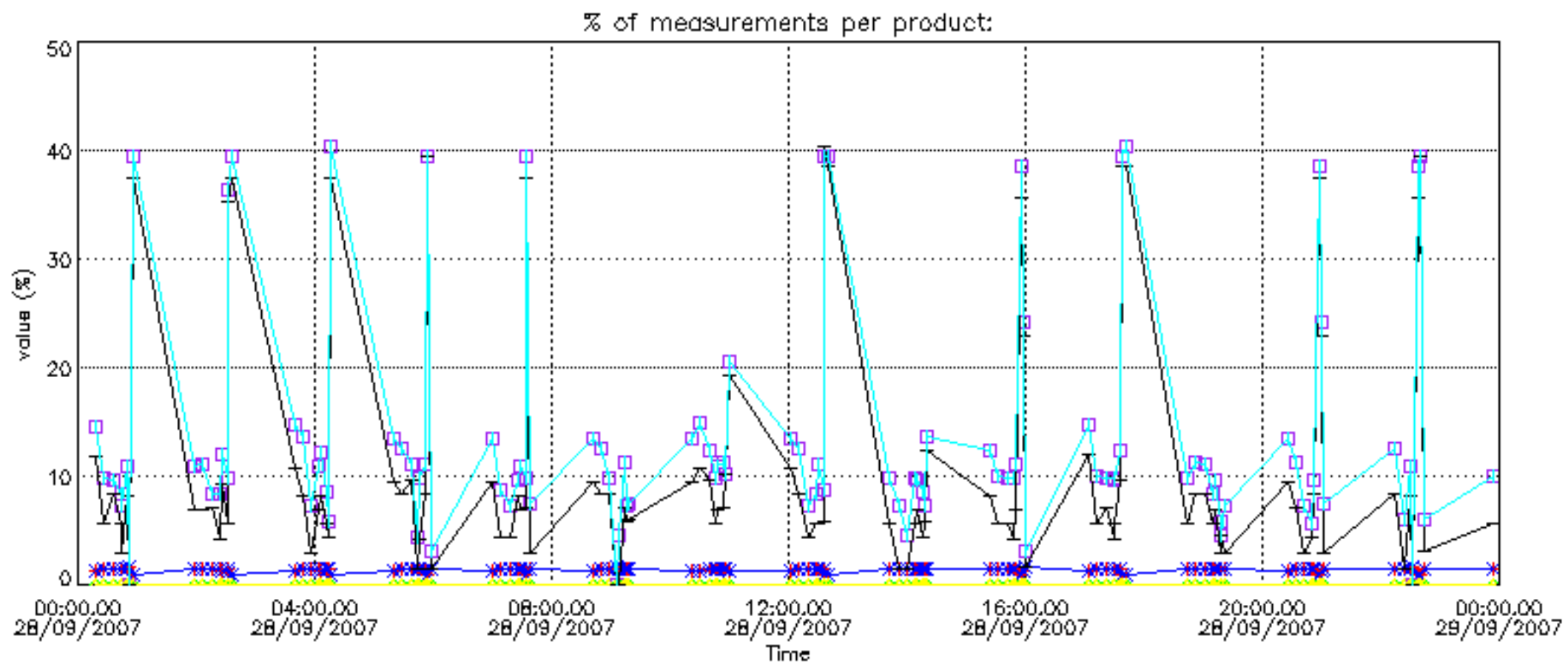
Percentage of flagged data per NO2 profile



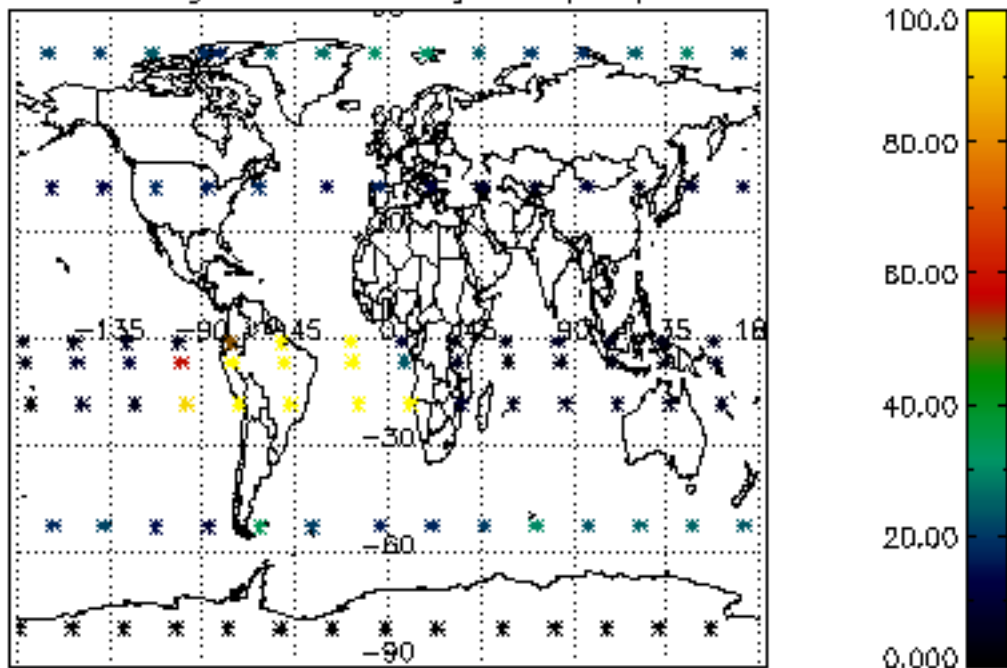
Percentage of flagged data per NO3 profile



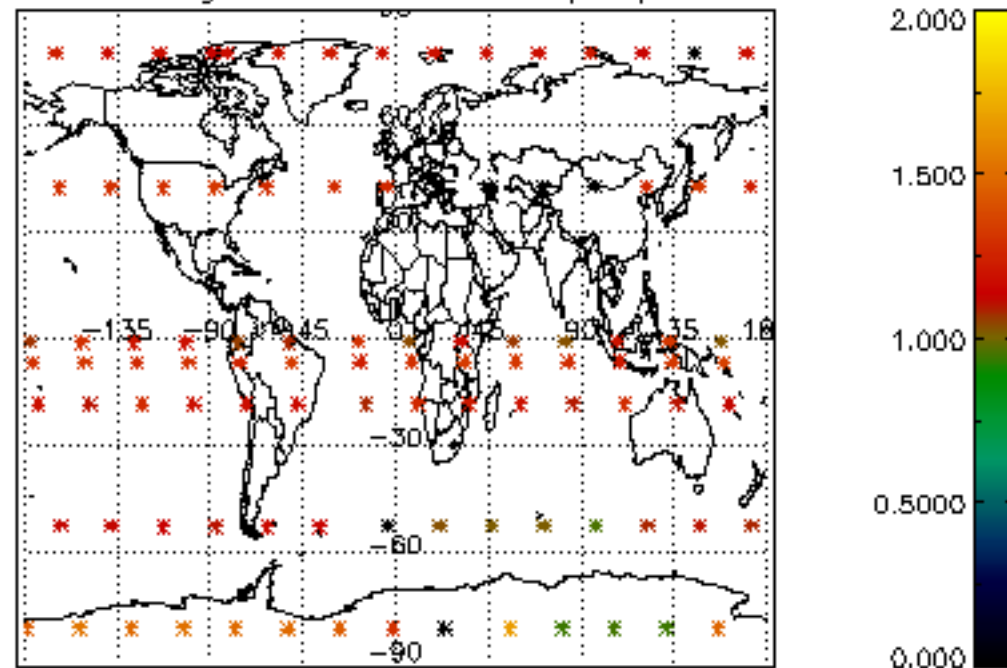




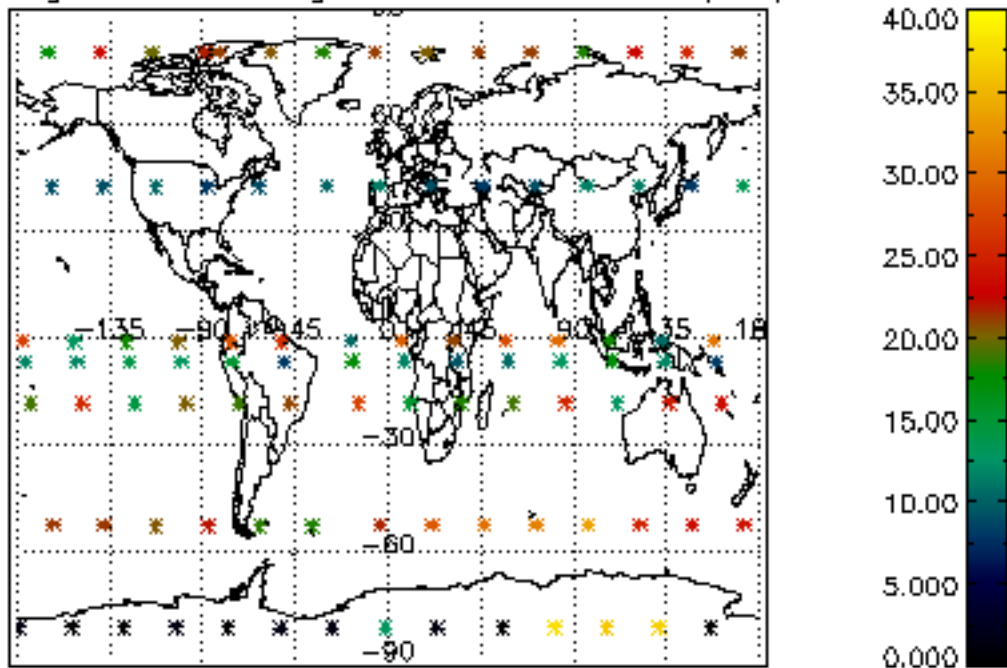
Percentage of cosmic ray hits per profile



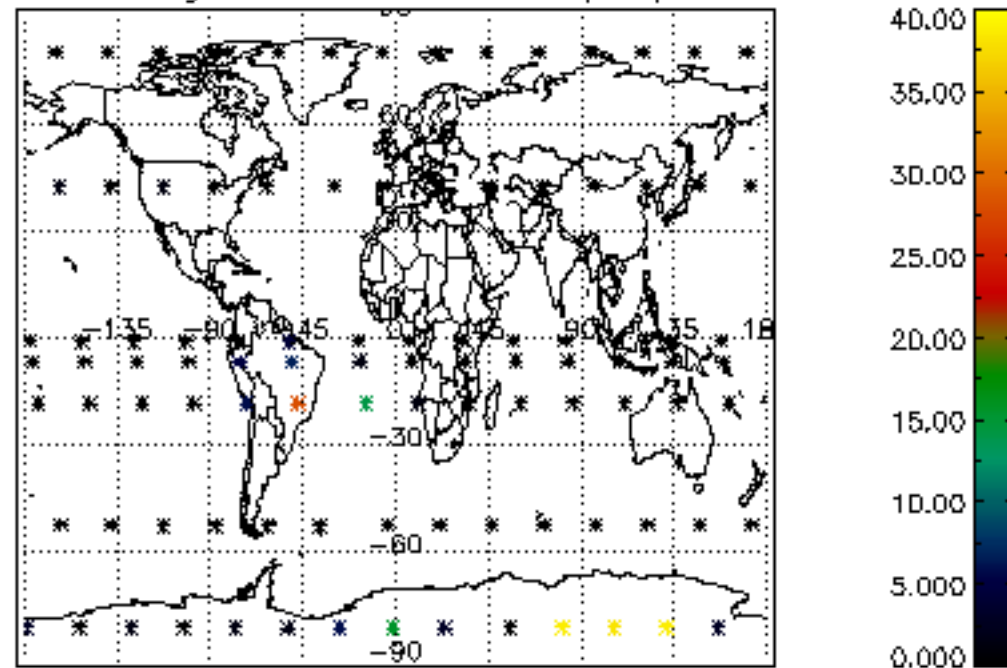
Percentage of datation errors per profile



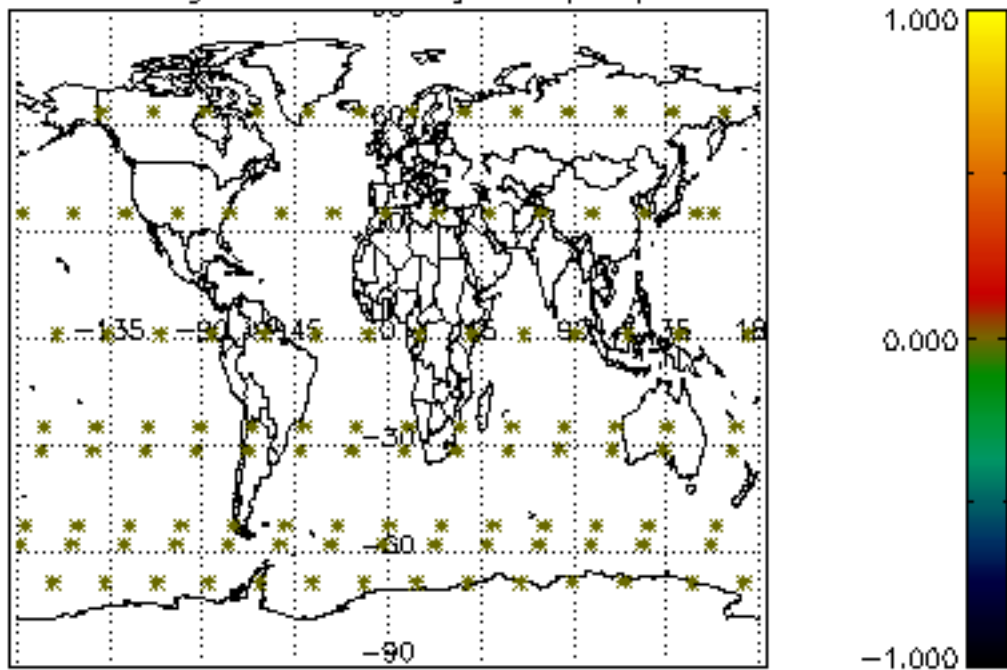
Percentage of star falling outside central band per profile



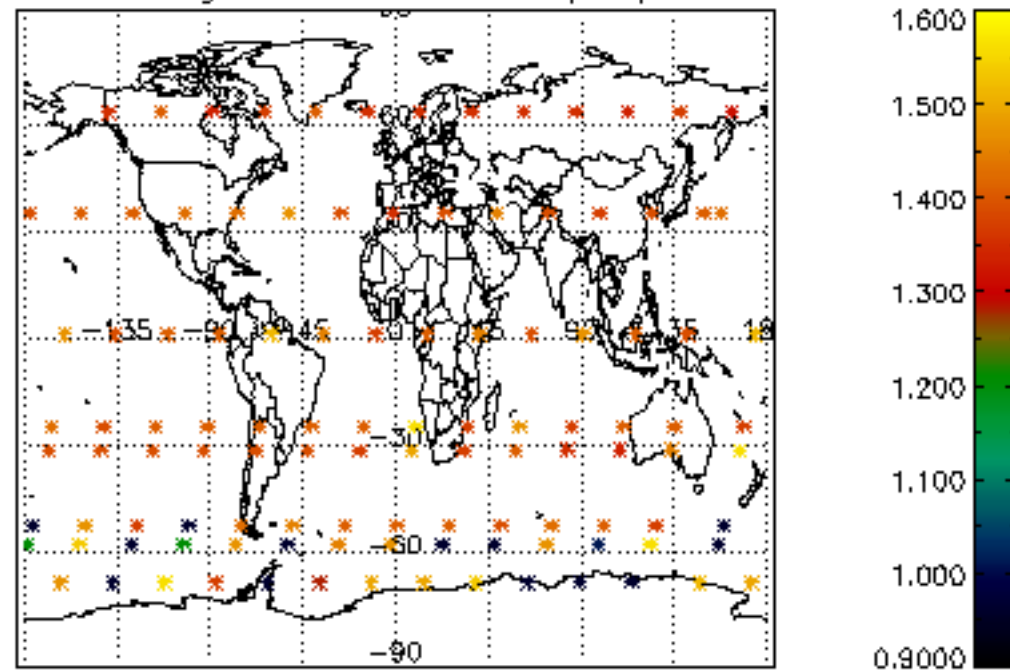
Percentage of saturation errors per profile



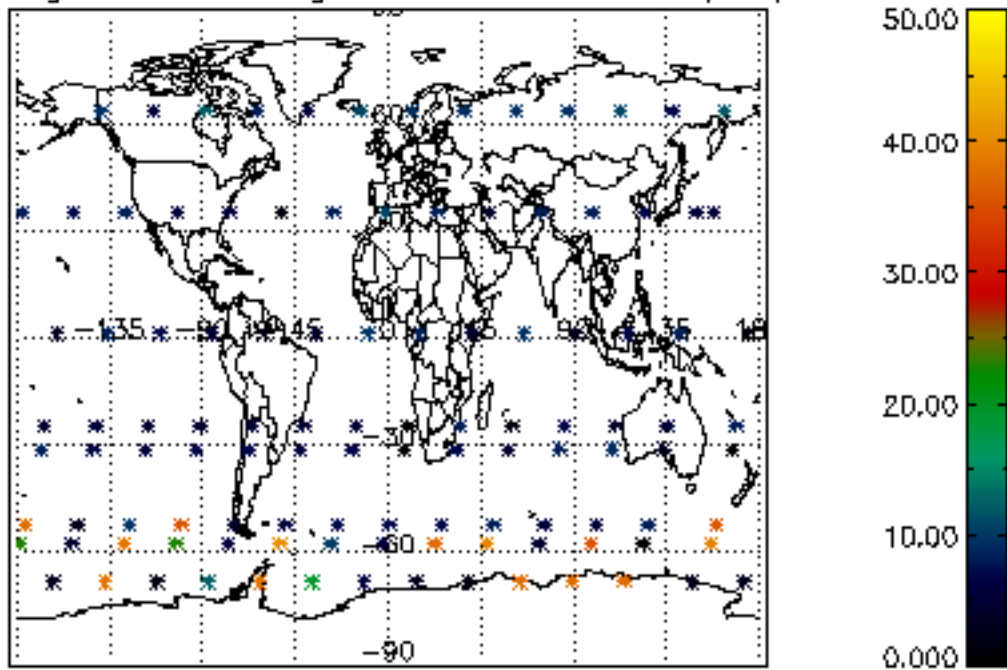
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

