

GOMOS Level 2 Daily Report

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

Item	Value
Time of report generation	24APR2013 09:54:11
Data source version	GOMOS/6.01
Start time of products	02-02-2011 (02FEB2011 00:00:00)
Stop time of products	03-02-2011 (03FEB2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	267
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20110202_000139_000000683099_00102_46668_4676.N1	02-FEB-2011 00:01:39	Bright	68.000	127	27Bet Her	2.7810	4700.0	136	46668	No
2	GOM_NL__2PRFIN20110202_000520_000000553099_00102_46668_4677.N1	02-FEB-2011 00:05:20	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46668	No
3	GOM_NL__2PRFIN20110202_001150_000000453099_00102_46668_4678.N1	02-FEB-2011 00:11:50	Twilight	45.000	86	35Eta Oph	2.4300	10200.	90	46668	No
4	GOM_NL__2PRFIN20110202_001611_000000573099_00102_46668_4679.N1	02-FEB-2011 00:16:11	Dark	57.000	16	21Alp Sco	1.0200	3000.0	114	46668	No
5	GOM_NL__2PRFIN20110202_002159_000000443099_00102_46668_4680.N1	02-FEB-2011 00:21:59	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46668	No
6	GOM_NL__2PRFIN20110202_002414_000000473099_00103_46669_4673.N1	02-FEB-2011 00:24:14	Dark	46.500	109	Bet Lup	2.6770	26000.	93	46669	No
7	GOM_NL__2PRFIN20110202_002817_000000503099_00103_46669_4674.N1	02-FEB-2011 00:28:17	Dark	50.000	10	Bet Cen	0.61000	28000.	100	46669	No
8	GOM_NL__2PRFIN20110202_003139_000000433099_00103_46669_4675.N1	02-FEB-2011 00:31:39	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	46669	No
9	GOM_NL__2PRFIN20110202_003344_000000463099_00103_46669_4676.N1	02-FEB-2011 00:33:44	Dark	45.500	99	Del Cen	2.5750	26000.	91	46669	No
10	GOM_NL__2PRFIN20110202_003723_000000453099_00103_46669_4677.N1	02-FEB-2011 00:37:23	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46669	No
11	GOM_NL__2PRFIN20110202_004143_000000543099_00103_46669_4678.N1	02-FEB-2011 00:41:43	Dark	53.500	65	Lam Vel	2.2040	4400.0	107	46669	No
12	GOM_NL__2PRFIN20110202_005236_000000593099_00103_46669_4679.N1	02-FEB-2011 00:52:36	Straylight	59.000	48	30Alp Hya	1.9770	4100.0	118	46669	No
13	GOM_NL__2PRFIN20110202_005646_000000503099_00103_46669_4680.N1	02-FEB-2011 00:56:46	Twilight	50.000	8	10Alp CMi	0.40000	6500.0	100	46669	No
14	GOM_NL__2PRFIN20110202_010323_000000423099_00103_46669_4681.N1	02-FEB-2011 01:03:23	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	46669	No
15	GOM_NL__2PRFIN20110202_011800_000000443099_00103_46669_4682.N1	02-FEB-2011 01:18:00	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	46669	No
16	GOM_NL__2PRFIN20110202_012336_000000403099_00103_46669_4683.N1	02-FEB-2011 01:23:36	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46669	No
17	GOM_NL__2PRFIN20110202_012819_000000403099_00103_46669_4684.N1	02-FEB-2011 01:28:19	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46669	No
18	GOM_NL__2PRFIN20110202_013132_000000553099_00103_46669_4685.N1	02-FEB-2011 01:31:32	Bright	55.000	130	23Bet Dra	2.7990	5800.0	110	46669	No
19	GOM_NL__2PRFIN20110202_013813_000000643099_00103_46669_4686.N1	02-FEB-2011 01:38:13	Bright	64.000	133	40Zet Her	2.8070	6000.0	128	46669	No
20	GOM_NL__2PRFIN20110202_014153_000000683099_00103_46669_4687.N1	02-FEB-2011 01:41:53	Bright	68.000	127	27Bet Her	2.7810	4700.0	136	46669	No
21	GOM_NL__2PRFIN20110202_014534_000000553099_00103_46669_4688.N1	02-FEB-2011 01:45:34	Bright	54.500	126	60Bet Oph	2.7700	4250.0	109	46669	No
22	GOM_NL__2PRFIN20110202_015205_000000443099_00103_46669_4689.N1	02-FEB-2011 01:52:05	Twilight	44.000	86	35Eta Oph	2.4300	10200.	88	46669	No
23	GOM_NL__2PRFIN20110202_015626_000000613099_00103_46669_4690.N1	02-FEB-2011 01:56:26	Dark	61.000	16	21Alp Sco	1.0200	3000.0	122	46669	No
24	GOM_NL__2PRFIN20110202_015752_000000483099_00103_46669_4691.N1	02-FEB-2011 01:57:52	Dark	47.500	158	6Pi Sco	2.9060	28000.	95	46669	No
25	GOM_NL__2PRFIN20110202_020214_000000453099_00103_46669_4692.N1	02-FEB-2011 02:02:14	Dark	45.000	131	Gam Lup	2.8000	26000.	90	46669	No
26	GOM_NL__2PRFIN20110202_020429_000000463099_00104_46670_4682.N1	02-FEB-2011 02:04:29	Dark	45.500	109	Bet Lup	2.6770	26000.	91	46670	No
27	GOM_NL__2PRFIN20110202_020832_000000433099_00104_46670_4683.N1	02-FEB-2011 02:08:32	Dark	43.000	10	Bet Cen	0.61000	28000.	86	46670	No
28	GOM_NL__2PRFIN20110202_021153_000000443099_00104_46670_4684.N1	02-FEB-2011 02:11:53	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	46670	No
29	GOM_NL__2PRFIN20110202_021358_000000463099_00104_46670_4685.N1	02-FEB-2011 02:13:58	Dark	46.000	99	Del Cen	2.5750	26000.	92	46670	No
30	GOM_NL__2PRFIN20110202_021737_000000493099_00104_46670_4686.N1	02-FEB-2011 02:17:37	Dark	49.000	113	Mu Vel	2.6920	5000.0	98	46670	No
31	GOM_NL__2PRFIN20110202_022157_000000463099_00104_46670_4687.N1	02-FEB-2011 02:21:57	Dark	45.500	65	Lam Vel	2.2040	4400.0	91	46670	No
32	GOM_NL__2PRFIN20110202_023249_000000593099_00104_46670_4688.N1	02-FEB-2011 02:32:49	Straylight	58.500	48	30Alp Hya	1.9770	4100.0	117	46670	No
33	GOM_NL__2PRFIN20110202_023701_000000493099_00104_46670_4689.N1	02-FEB-2011 02:37:01	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	46670	No
34	GOM_NL__2PRFIN20110202_024337_000000433099_00104_46670_4690.N1	02-FEB-2011 02:43:37	Bright	42.500	17	78Bet Gem	1.1610	4500.0	85	46670	No
35	GOM_NL__2PRFIN20110202_025814_000000423099_00104_46670_4691.N1	02-FEB-2011 02:58:14	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	46670	No
36	GOM_NL__2PRFIN20110202_030349_000000413099_00104_46670_4692.N1	02-FEB-2011 03:03:49	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46670	No
37	GOM_NL__2PRFIN20110202_030833_000000403099_00104_46670_4693.N1	02-FEB-2011 03:08:33	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46670	No
38	GOM_NL__2PRFIN20110202_031146_000000373099_00104_46670_4694.N1	02-FEB-2011 03:11:46	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	46670	No
39	GOM_NL__2PRFIN20110202_031827_000000643099_00104_46670_4695.N1	02-FEB-2011 03:18:27	Bright	64.000	133	40Zet Her	2.8070	6000.0	128	46670	No
40	GOM_NL__2PRFIN20110202_032207_000000683099_00104_46670_4696.N1	02-FEB-2011 03:22:07	Bright	68.000	127	27Bet Her	2.7810	4700.0	136	46670	No
41	GOM_NL__2PRFIN20110202_032548_000000553099_00104_46670_4697.N1	02-FEB-2011 03:25:48	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46670	No
42	GOM_NL__2PRFIN20110202_033219_000000443099_00104_46670_4698.N1	02-FEB-2011 03:32:19	Twilight	43.500	86	35Eta Oph	2.4300	10200.	87	46670	No

43	GOM_NL__2PRFIN20110202_033641_000000513099_00104_46670_4699.N1	02-FEB-2011 03:36:41	Dark	51.000	16	21Alp Sco	1.0200	3000.0	102	46670	No
44	GOM_NL__2PRFIN20110202_033807_000000463099_00104_46670_4700.N1	02-FEB-2011 03:38:07	Dark	46.000	158	6Pi Sco	2.9060	28000.	92	46670	No
45	GOM_NL__2PRFIN20110202_034229_000000433099_00104_46670_4701.N1	02-FEB-2011 03:42:29	Dark	43.000	131	Gam Lup	2.8000	26000.	86	46670	No
46	GOM_NL__2PRFIN20110202_034444_000000473099_00105_46671_4835.N1	02-FEB-2011 03:44:44	Dark	46.500	109	Bet Lup	2.6770	26000.	93	46671	No
47	GOM_NL__2PRFIN20110202_034846_000000423099_00105_46671_4836.N1	02-FEB-2011 03:48:46	Dark	42.000	10	Bet Cen	0.61000	28000.	84	46671	No
48	GOM_NL__2PRFIN20110202_035208_000000503099_00105_46671_4837.N1	02-FEB-2011 03:52:08	Dark	49.500	12	Alp1Cru	0.77500	30000.	99	46671	No
49	GOM_NL__2PRFIN20110202_035413_000000473099_00105_46671_4838.N1	02-FEB-2011 03:54:13	Dark	47.000	99	Del Cen	2.5750	26000.	94	46671	No
50	GOM_NL__2PRFIN20110202_035752_000000433099_00105_46671_4839.N1	02-FEB-2011 03:57:52	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	46671	No
51	GOM_NL__2PRFIN20110202_040212_000000493099_00105_46671_4840.N1	02-FEB-2011 04:02:12	Dark	48.500	65	Lam Vel	2.2040	4400.0	97	46671	No
52	GOM_NL__2PRFIN20110202_041303_000000593099_00105_46671_4841.N1	02-FEB-2011 04:13:03	Straylight	59.000	48	30Alp Hya	1.9770	4100.0	118	46671	No
53	GOM_NL__2PRFIN20110202_041715_000000473099_00105_46671_4842.N1	02-FEB-2011 04:17:15	Tw_i_and_stray	47.000	8	10Alp CMi	0.40000	6500.0	94	46671	No
54	GOM_NL__2PRFIN20110202_042351_000000423099_00105_46671_4843.N1	02-FEB-2011 04:23:51	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	46671	No
55	GOM_NL__2PRFIN20110202_043827_000000473099_00105_46671_4844.N1	02-FEB-2011 04:38:27	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	46671	No
56	GOM_NL__2PRFIN20110202_044403_000000393099_00105_46671_4845.N1	02-FEB-2011 04:44:03	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	46671	No
57	GOM_NL__2PRFIN20110202_044847_000000433099_00105_46671_4846.N1	02-FEB-2011 04:48:47	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	46671	No
58	GOM_NL__2PRFIN20110202_045200_000000553099_00105_46671_4847.N1	02-FEB-2011 04:52:00	Bright	55.000	130	23Bet Dra	2.7990	5800.0	110	46671	No
59	GOM_NL__2PRFIN20110202_045841_000000443099_00105_46671_4848.N1	02-FEB-2011 04:58:41	Bright	43.500	133	40Zet Her	2.8070	6000.0	87	46671	No
60	GOM_NL__2PRFIN20110202_050222_000000473099_00105_46671_4849.N1	02-FEB-2011 05:02:22	Bright	46.500	127	27Bet Her	2.7810	4700.0	93	46671	No
61	GOM_NL__2PRFIN20110202_050603_000000553099_00105_46671_4850.N1	02-FEB-2011 05:06:03	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46671	No
62	GOM_NL__2PRFIN20110202_051234_000000473099_00105_46671_4851.N1	02-FEB-2011 05:12:34	Tw_i_and_stray	47.000	86	35Eta Oph	2.4300	10200.	94	46671	No
63	GOM_NL__2PRFIN20110202_051656_000000613099_00105_46671_4852.N1	02-FEB-2011 05:16:56	Dark	61.000	16	21Alp Sco	1.0200	3000.0	122	46671	No
64	GOM_NL__2PRFIN20110202_051823_000000463099_00105_46671_4853.N1	02-FEB-2011 05:18:23	Dark	46.000	158	6Pi Sco	2.9060	28000.	92	46671	No
65	GOM_NL__2PRFIN20110202_052244_000000443099_00105_46671_4854.N1	02-FEB-2011 05:22:44	Dark	44.000	131	Gam Lup	2.8000	26000.	88	46671	No
66	GOM_NL__2PRFIN20110202_052459_000000443099_00106_46672_4843.N1	02-FEB-2011 05:24:59	Dark	44.000	109	Bet Lup	2.6770	26000.	88	46672	No
67	GOM_NL__2PRFIN20110202_052901_000000533099_00106_46672_4844.N1	02-FEB-2011 05:29:01	Dark	52.500	10	Bet Cen	0.61000	28000.	105	46672	No
68	GOM_NL__2PRFIN20110202_053223_000000423099_00106_46672_4845.N1	02-FEB-2011 05:32:23	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	46672	No
69	GOM_NL__2PRFIN20110202_053428_000000453099_00106_46672_4846.N1	02-FEB-2011 05:34:28	Dark	45.000	99	Del Cen	2.5750	26000.	90	46672	No
70	GOM_NL__2PRFIN20110202_053807_000000453099_00106_46672_4847.N1	02-FEB-2011 05:38:07	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	46672	No
71	GOM_NL__2PRFIN20110202_054226_000000483099_00106_46672_4848.N1	02-FEB-2011 05:42:26	Dark	48.000	65	Lam Vel	2.2040	4400.0	96	46672	No
72	GOM_NL__2PRFIN20110202_055317_000000613099_00106_46672_4849.N1	02-FEB-2011 05:53:17	Straylight	60.500	48	30Alp Hya	1.9770	4100.0	121	46672	No
73	GOM_NL__2PRFIN20110202_055729_000000523099_00106_46672_4850.N1	02-FEB-2011 05:57:29	Tw_i_and_stray	51.500	8	10Alp CMi	0.40000	6500.0	103	46672	No
74	GOM_NL__2PRFIN20110202_060405_000000413099_00106_46672_4851.N1	02-FEB-2011 06:04:05	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46672	No
75	GOM_NL__2PRFIN20110202_061841_000000473099_00106_46672_4852.N1	02-FEB-2011 06:18:41	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46672	No
76	GOM_NL__2PRFIN20110202_062417_000000403099_00106_46672_4853.N1	02-FEB-2011 06:24:17	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46672	No
77	GOM_NL__2PRFIN20110202_062900_000000423099_00106_46672_4854.N1	02-FEB-2011 06:29:00	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	46672	No
78	GOM_NL__2PRFIN20110202_063214_000000383099_00106_46672_4855.N1	02-FEB-2011 06:32:14	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	46672	No
79	GOM_NL__2PRFIN20110202_063856_000000433099_00106_46672_4856.N1	02-FEB-2011 06:38:56	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	46672	No
80	GOM_NL__2PRFIN20110202_064236_000000683099_00106_46672_4857.N1	02-FEB-2011 06:42:36	Bright	68.000	127	27Bet Her	2.7810	4700.0	136	46672	No
81	GOM_NL__2PRFIN20110202_064617_000000553099_00106_46672_4858.N1	02-FEB-2011 06:46:17	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46672	No
82	GOM_NL__2PRFIN20110202_065248_000000443099_00106_46672_4859.N1	02-FEB-2011 06:52:48	Tw_i_and_stray	43.500	86	35Eta Oph	2.4300	10200.	87	46672	No
83	GOM_NL__2PRFIN20110202_065710_000000603099_00106_46672_4860.N1	02-FEB-2011 06:57:10	Dark	59.500	16	21Alp Sco	1.0200	3000.0	119	46672	No
84	GOM_NL__2PRFIN20110202_065838_000000453099_00106_46672_4861.N1	02-FEB-2011 06:58:38	Dark	45.000	158	6Pi Sco	2.9060	28000.	90	46672	No
85	GOM_NL__2PRFIN20110202_070259_000000433099_00106_46672_4862.N1	02-FEB-2011 07:02:59	Dark	43.000	131	Gam Lup	2.8000	26000.	86	46672	No
86	GOM_NL__2PRFIN20110202_070514_000000463099_00107_46673_4851.N1	02-FEB-2011 07:05:14	Dark	46.000	109	Bet Lup	2.6770	26000.	92	46673	No
87	GOM_NL__2PRFIN20110202_070916_000000423099_00107_46673_4852.N1	02-FEB-2011 07:09:16	Dark	41.500	10	Bet Cen	0.61000	28000.	83	46673	No
88	GOM_NL__2PRFIN20110202_071238_000000523099_00107_46673_4853.N1	02-FEB-2011 07:12:38	Dark	51.500	12	Alp1Cru	0.77500	30000.	103	46673	No
89	GOM_NL__2PRFIN20110202_071443_000000473099_00107_46673_4854.N1	02-FEB-2011 07:14:43	Dark	47.000	99	Del Cen	2.5750	26000.	94	46673	No
90	GOM_NL__2PRFIN20110202_071821_000000503099_00107_46673_4855.N1	02-FEB-2011 07:18:21	Dark	50.000	113	Mu Vel	2.6920	5000.0	100	46673	No
91	GOM_NL__2PRFIN20110202_072240_000000413099_00107_46673_4856.N1	02-FEB-2011 07:22:40	Dark	41.000	65	Lam Vel	2.2040	4400.0	82	46673	No
92	GOM_NL__2PRFIN20110202_073332_000000623099_00107_46673_4857.N1	02-FEB-2011 07:33:32	Straylight	61.500	48	30Alp Hya	1.9770	4100.0	123	46673	No
93	GOM_NL__2PRFIN20110202_073743_000000533099_00107_46673_4858.N1	02-FEB-2011 07:37:43	Tw_i_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	46673	No
94	GOM_NL__2PRFIN20110202_074419_000000413099_00107_46673_4859.N1	02-FEB-2011 07:44:19	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	46673	No
95	GOM_NL__2PRFIN20110202_075854_000000473099_00107_46673_4860.N1	02-FEB-2011 07:58:54	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	46673	No
96	GOM_NL__2PRFIN20110202_080431_000000373099_00107_46673_4861.N1	02-FEB-2011 08:04:31	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	46673	No
97	GOM_NL__2PRFIN20110202_080914_000000593099_00107_46673_4862.N1	02-FEB-2011 08:09:14	Bright	59.000	119	14Eta Dra	2.7270	4700.0	118	46673	No
98	GOM_NL__2PRFIN20110202_081228_000000393099_00107_46673_4863.N1	02-FEB-2011 08:12:28	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	46673	No
99	GOM_NL__2PRFIN20110202_081910_000000643099_00107_46673_4864.N1	02-FEB-2011 08:19:10	Bright	64.000	133	40Zet Her	2.8070	6000.0	128	46673	No
100	GOM_NL__2PRFIN20110202_082251_000000683099_00107_46673_4865.N1	02-FEB-2011 08:22:51	Bright	68.000	127	27Bet Her	2.7810	4700.0	136	46673	No
101	GOM_NL__2PRFIN20110202_082632_000000553099_00107_46673_4866.N1	02-FEB-2011 08:26:32	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46673	No

102	GOM_NL__2PRFIN20110202_083303_000000433099_00107_46673_4867.N1	02-FEB-2011 08:33:03	Tw_i_and_stray	43.000	86	35Eta Oph	2.4300	10200.	86	46673	No
103	GOM_NL__2PRFIN20110202_083725_000000503099_00107_46673_4868.N1	02-FEB-2011 08:37:25	Dark	49.500	16	21Alp Sco	1.0200	3000.0	99	46673	No
104	GOM_NL__2PRFIN20110202_083853_000000473099_00107_46673_4869.N1	02-FEB-2011 08:38:53	Dark	47.000	158	6Pi Sco	2.9060	28000.	94	46673	No
105	GOM_NL__2PRFIN20110202_084313_000000443099_00107_46673_4870.N1	02-FEB-2011 08:43:13	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46673	No
106	GOM_NL__2PRFIN20110202_084529_000000473099_00108_46674_4859.N1	02-FEB-2011 08:45:29	Dark	47.000	109	Bet Lup	2.6770	26000.	94	46674	No
107	GOM_NL__2PRFIN20110202_102945_000000413099_00109_46675_4888.N1	02-FEB-2011 10:29:45	Dark	41.000	10	Bet Cen	0.61000	28000.	82	46675	No
108	GOM_NL__2PRFIN20110202_103306_000000433099_00109_46675_4889.N1	02-FEB-2011 10:33:06	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	46675	No
109	GOM_NL__2PRFIN20110202_103512_000000463099_00109_46675_4890.N1	02-FEB-2011 10:35:12	Dark	46.000	99	Del Cen	2.5750	26000.	92	46675	No
110	GOM_NL__2PRFIN20110202_103851_000000523099_00109_46675_4891.N1	02-FEB-2011 10:38:51	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	46675	No
111	GOM_NL__2PRFIN20110202_104309_000000493099_00109_46675_4892.N1	02-FEB-2011 10:43:09	Dark	49.000	65	Lam Vel	2.2040	4400.0	98	46675	No
112	GOM_NL__2PRFIN20110202_105359_000000603099_00109_46675_4893.N1	02-FEB-2011 10:53:59	Straylight	59.500	48	30Alp Hya	1.9770	4100.0	119	46675	No
113	GOM_NL__2PRFIN20110202_105811_000000483099_00109_46675_4894.N1	02-FEB-2011 10:58:11	Tw_i_and_stray	47.500	8	10Alp CMi	0.40000	6500.0	95	46675	No
114	GOM_NL__2PRFIN20110202_110446_000000403099_00109_46675_4895.N1	02-FEB-2011 11:04:46	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	46675	No
115	GOM_NL__2PRFIN20110202_111921_000000463099_00109_46675_4896.N1	02-FEB-2011 11:19:21	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	46675	No
116	GOM_NL__2PRFIN20110202_112458_000000413099_00109_46675_4897.N1	02-FEB-2011 11:24:58	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46675	No
117	GOM_NL__2PRFIN20110202_112942_000000393099_00109_46675_4898.N1	02-FEB-2011 11:29:42	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46675	No
118	GOM_NL__2PRFIN20110202_113256_000000383099_00109_46675_4899.N1	02-FEB-2011 11:32:56	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	46675	No
119	GOM_NL__2PRFIN20110202_113938_000000643099_00109_46675_4900.N1	02-FEB-2011 11:39:38	Bright	64.000	133	40Zet Her	2.8070	6000.0	128	46675	No
120	GOM_NL__2PRFIN20110202_114319_000000683099_00109_46675_4901.N1	02-FEB-2011 11:43:19	Bright	68.000	127	27Bet Her	2.7810	4700.0	136	46675	No
121	GOM_NL__2PRFIN20110202_114700_000000553099_00109_46675_4902.N1	02-FEB-2011 11:47:00	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46675	No
122	GOM_NL__2PRFIN20110202_115332_000000473099_00109_46675_4903.N1	02-FEB-2011 11:53:32	Tw_i_and_stray	46.500	86	35Eta Oph	2.4300	10200.	93	46675	No
123	GOM_NL__2PRFIN20110202_115755_000000533099_00109_46675_4904.N1	02-FEB-2011 11:57:55	Dark	53.000	16	21Alp Sco	1.0200	3000.0	106	46675	No
124	GOM_NL__2PRFIN20110202_115922_000000473099_00109_46675_4905.N1	02-FEB-2011 11:59:22	Dark	46.500	158	6Pi Sco	2.9060	28000.	93	46675	No
125	GOM_NL__2PRFIN20110202_120343_000000443099_00109_46675_4906.N1	02-FEB-2011 12:03:43	Dark	44.000	131	Gam Lup	2.8000	26000.	88	46675	No
126	GOM_NL__2PRFIN20110202_120559_000000463099_00110_46676_4911.N1	02-FEB-2011 12:05:59	Dark	45.500	109	Bet Lup	2.6770	26000.	91	46676	No
127	GOM_NL__2PRFIN20110202_120847_000000423099_00110_46676_4912.N1	02-FEB-2011 12:08:47	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	46676	No
128	GOM_NL__2PRFIN20110202_121000_000000423099_00110_46676_4913.N1	02-FEB-2011 12:10:00	Dark	41.500	10	Bet Cen	0.61000	28000.	83	46676	No
129	GOM_NL__2PRFIN20110202_121321_000000413099_00110_46676_4914.N1	02-FEB-2011 12:13:21	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	46676	No
130	GOM_NL__2PRFIN20110202_121905_000000423099_00110_46676_4915.N1	02-FEB-2011 12:19:05	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	46676	No
131	GOM_NL__2PRFIN20110202_122323_000000473099_00110_46676_4916.N1	02-FEB-2011 12:23:23	Dark	46.500	65	Lam Vel	2.2040	4400.0	93	46676	No
132	GOM_NL__2PRFIN20110202_123413_000000573099_00110_46676_4917.N1	02-FEB-2011 12:34:13	Straylight	57.000	48	30Alp Hya	1.9770	4100.0	114	46676	No
133	GOM_NL__2PRFIN20110202_123825_000000473099_00110_46676_4918.N1	02-FEB-2011 12:38:25	Tw_i_and_stray	47.000	8	10Alp CMi	0.40000	6500.0	94	46676	No
134	GOM_NL__2PRFIN20110202_124500_000000413099_00110_46676_4919.N1	02-FEB-2011 12:45:00	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	46676	No
135	GOM_NL__2PRFIN20110202_125934_000000463099_00110_46676_4920.N1	02-FEB-2011 12:59:34	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	46676	No
136	GOM_NL__2PRFIN20110202_130512_000000383099_00110_46676_4921.N1	02-FEB-2011 13:05:12	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	46676	No
137	GOM_NL__2PRFIN20110202_130956_000000403099_00110_46676_4922.N1	02-FEB-2011 13:09:56	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46676	No
138	GOM_NL__2PRFIN20110202_131310_000000393099_00110_46676_4923.N1	02-FEB-2011 13:13:10	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	46676	No
139	GOM_NL__2PRFIN20110202_131952_000000643099_00110_46676_4924.N1	02-FEB-2011 13:19:52	Bright	64.000	133	40Zet Her	2.8070	6000.0	128	46676	No
140	GOM_NL__2PRFIN20110202_132334_000000683099_00110_46676_4925.N1	02-FEB-2011 13:23:34	Bright	68.000	127	27Bet Her	2.7810	4700.0	136	46676	No
141	GOM_NL__2PRFIN20110202_132714_000000553099_00110_46676_4926.N1	02-FEB-2011 13:27:14	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46676	No
142	GOM_NL__2PRFIN20110202_133347_000000423099_00110_46676_4927.N1	02-FEB-2011 13:33:47	Tw_i_and_stray	41.500	86	35Eta Oph	2.4300	10200.	83	46676	No
143	GOM_NL__2PRFIN20110202_133809_000000583099_00110_46676_4928.N1	02-FEB-2011 13:38:09	Dark	57.500	16	21Alp Sco	1.0200	3000.0	115	46676	No
144	GOM_NL__2PRFIN20110202_133937_000000483099_00110_46676_4929.N1	02-FEB-2011 13:39:37	Dark	47.500	158	6Pi Sco	2.9060	28000.	95	46676	No
145	GOM_NL__2PRFIN20110202_134358_000000443099_00110_46676_4930.N1	02-FEB-2011 13:43:58	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46676	No
146	GOM_NL__2PRFIN20110202_134614_000000473099_00111_46677_4933.N1	02-FEB-2011 13:46:14	Dark	46.500	109	Bet Lup	2.6770	26000.	93	46677	No
147	GOM_NL__2PRFIN20110202_134901_000000423099_00111_46677_4934.N1	02-FEB-2011 13:49:01	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	46677	No
148	GOM_NL__2PRFIN20110202_135014_000000433099_00111_46677_4935.N1	02-FEB-2011 13:50:14	Dark	42.500	10	Bet Cen	0.61000	28000.	85	46677	No
149	GOM_NL__2PRFIN20110202_135336_000000423099_00111_46677_4936.N1	02-FEB-2011 13:53:36	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	46677	No
150	GOM_NL__2PRFIN20110202_135920_000000523099_00111_46677_4937.N1	02-FEB-2011 13:59:20	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	46677	No
151	GOM_NL__2PRFIN20110202_140338_000000553099_00111_46677_4938.N1	02-FEB-2011 14:03:38	Straylight	54.500	65	Lam Vel	2.2040	4400.0	109	46677	No
152	GOM_NL__2PRFIN20110202_141427_000000603099_00111_46677_4939.N1	02-FEB-2011 14:14:27	Straylight	59.500	48	30Alp Hya	1.9770	4100.0	119	46677	No
153	GOM_NL__2PRFIN20110202_141839_000000533099_00111_46677_4940.N1	02-FEB-2011 14:18:39	Tw_i_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	46677	No
154	GOM_NL__2PRFIN20110202_142514_000000413099_00111_46677_4941.N1	02-FEB-2011 14:25:14	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46677	No
155	GOM_NL__2PRFIN20110202_143948_000000463099_00111_46677_4942.N1	02-FEB-2011 14:39:48	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	46677	No
156	GOM_NL__2PRFIN20110202_144526_000000403099_00111_46677_4943.N1	02-FEB-2011 14:45:26	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	46677	No
157	GOM_NL__2PRFIN20110202_145009_000000403099_00111_46677_4944.N1	02-FEB-2011 14:50:09	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46677	No
158	GOM_NL__2PRFIN20110202_145324_000000393099_00111_46677_4945.N1	02-FEB-2011 14:53:24	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	46677	No
159	GOM_NL__2PRFIN20110202_150006_000000643099_00111_46677_4946.N1	02-FEB-2011 15:00:06	Bright	64.000	133	40Zet Her	2.8070	6000.0	128	46677	No
160	GOM_NL__2PRFIN20110202_150348_000000683099_00111_46677_4947.N1	02-FEB-2011 15:03:48	Bright	68.000	127	27Bet Her	2.7810	4700.0	136	46677	No

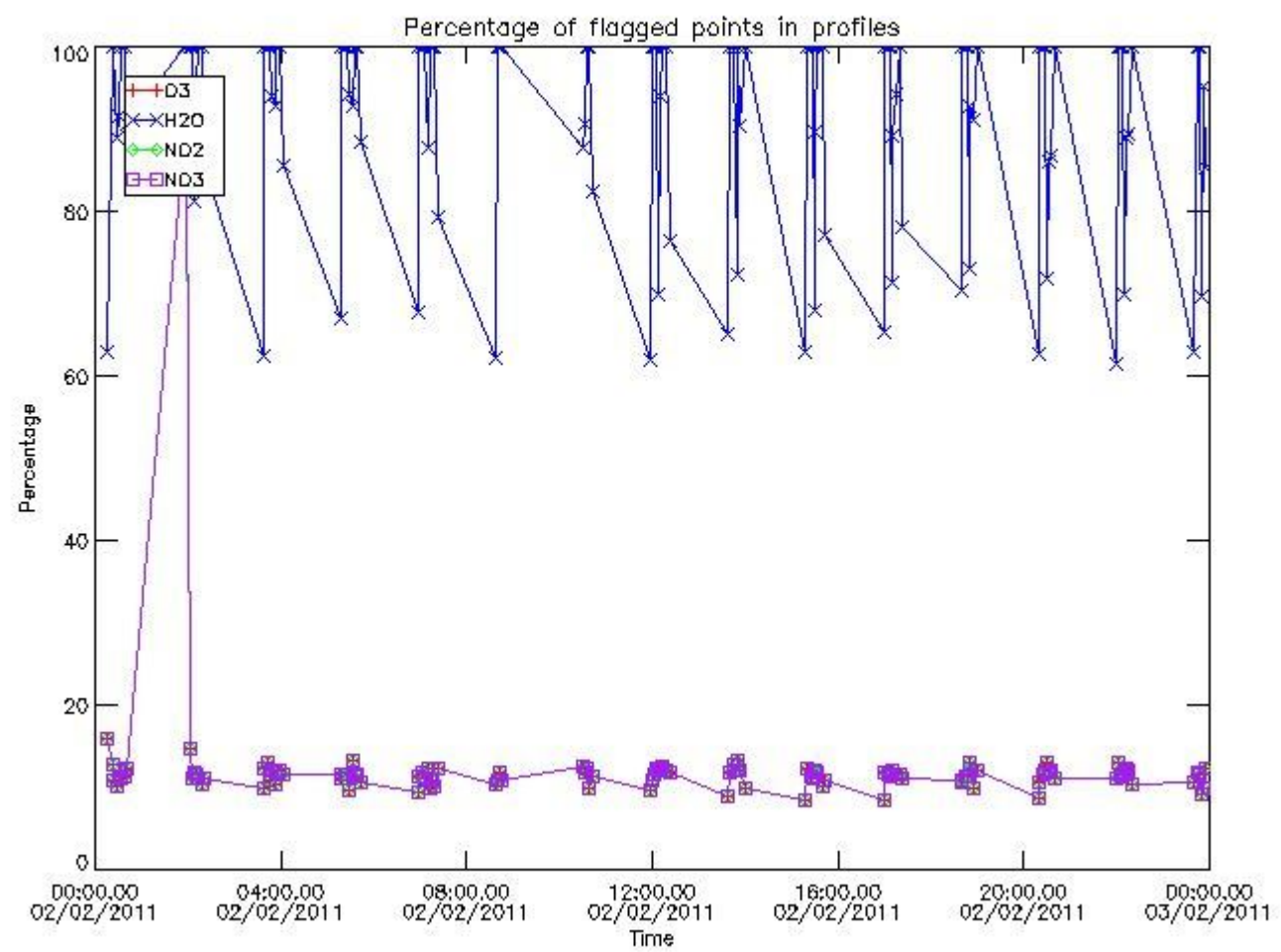
161	GOM_NL__2PRFIN20110202_150729_000000553099_00111_46677_4948.N1	02-FEB-2011 15:07:29	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46677	No
162	GOM_NL__2PRFIN20110202_151401_000000473099_00111_46677_4949.N1	02-FEB-2011 15:14:01	Twilight	47.000	86	35Eta Oph	2.4300	10200.	94	46677	No
163	GOM_NL__2PRFIN20110202_151824_000000613099_00111_46677_4950.N1	02-FEB-2011 15:18:24	Dark	61.000	16	21Alp Sco	1.0200	3000.0	122	46677	No
164	GOM_NL__2PRFIN20110202_151952_000000463099_00111_46677_4951.N1	02-FEB-2011 15:19:52	Dark	46.000	158	6Pi Sco	2.9060	28000.	92	46677	No
165	GOM_NL__2PRFIN20110202_152413_000000453099_00111_46677_4952.N1	02-FEB-2011 15:24:13	Dark	45.000	131	Gam Lup	2.8000	26000.	90	46677	No
166	GOM_NL__2PRFIN20110202_152628_000000463099_00112_46678_4964.N1	02-FEB-2011 15:26:28	Dark	46.000	109	Bet Lup	2.6770	26000.	92	46678	No
167	GOM_NL__2PRFIN20110202_152916_000000433099_00112_46678_4965.N1	02-FEB-2011 15:29:16	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	46678	No
168	GOM_NL__2PRFIN20110202_153029_000000443099_00112_46678_4966.N1	02-FEB-2011 15:30:29	Dark	43.500	10	Bet Cen	0.61000	28000.	87	46678	No
169	GOM_NL__2PRFIN20110202_153350_000000443099_00112_46678_4967.N1	02-FEB-2011 15:33:50	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	46678	No
170	GOM_NL__2PRFIN20110202_153934_000000503099_00112_46678_4968.N1	02-FEB-2011 15:39:34	Dark	50.000	113	Mu Vel	2.6920	5000.0	100	46678	No
171	GOM_NL__2PRFIN20110202_154352_000000463099_00112_46678_4969.N1	02-FEB-2011 15:43:52	Dark	46.000	65	Lam Vel	2.2040	4400.0	92	46678	No
172	GOM_NL__2PRFIN20110202_155441_000000623099_00112_46678_4970.N1	02-FEB-2011 15:54:41	Straylight	61.500	48	30Alp Hya	1.9770	4100.0	123	46678	No
173	GOM_NL__2PRFIN20110202_155853_000000533099_00112_46678_4971.N1	02-FEB-2011 15:58:53	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	46678	No
174	GOM_NL__2PRFIN20110202_160528_000000413099_00112_46678_4972.N1	02-FEB-2011 16:05:28	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	46678	No
175	GOM_NL__2PRFIN20110202_162001_000000463099_00112_46678_4973.N1	02-FEB-2011 16:20:01	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	46678	No
176	GOM_NL__2PRFIN20110202_162540_000000423099_00112_46678_4974.N1	02-FEB-2011 16:25:40	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	46678	No
177	GOM_NL__2PRFIN20110202_163023_000000403099_00112_46678_4975.N1	02-FEB-2011 16:30:23	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46678	No
178	GOM_NL__2PRFIN20110202_163338_000000393099_00112_46678_4976.N1	02-FEB-2011 16:33:38	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	46678	No
179	GOM_NL__2PRFIN20110202_164021_000000433099_00112_46678_4977.N1	02-FEB-2011 16:40:21	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	46678	No
180	GOM_NL__2PRFIN20110202_164403_000000693099_00112_46678_4978.N1	02-FEB-2011 16:44:03	Bright	69.000	127	27Bet Her	2.7810	4700.0	138	46678	No
181	GOM_NL__2PRFIN20110202_164743_000000553099_00112_46678_4979.N1	02-FEB-2011 16:47:43	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46678	No
182	GOM_NL__2PRFIN20110202_165416_000000463099_00112_46678_4980.N1	02-FEB-2011 16:54:16	Twilight	45.500	86	35Eta Oph	2.4300	10200.	91	46678	No
183	GOM_NL__2PRFIN20110202_165839_000000613099_00112_46678_4981.N1	02-FEB-2011 16:58:39	Dark	61.000	16	21Alp Sco	1.0200	3000.0	122	46678	No
184	GOM_NL__2PRFIN20110202_170007_000000473099_00112_46678_4982.N1	02-FEB-2011 17:00:07	Dark	47.000	158	6Pi Sco	2.9060	28000.	94	46678	No
185	GOM_NL__2PRFIN20110202_170428_000000443099_00112_46678_4983.N1	02-FEB-2011 17:04:28	Dark	44.000	131	Gam Lup	2.8000	26000.	88	46678	No
186	GOM_NL__2PRFIN20110202_170644_000000453099_00113_46679_4995.N1	02-FEB-2011 17:06:44	Dark	45.000	109	Bet Lup	2.6770	26000.	90	46679	No
187	GOM_NL__2PRFIN20110202_170930_000000443099_00113_46679_4996.N1	02-FEB-2011 17:09:30	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	46679	No
188	GOM_NL__2PRFIN20110202_171043_000000423099_00113_46679_4997.N1	02-FEB-2011 17:10:43	Dark	42.000	10	Bet Cen	0.61000	28000.	84	46679	No
189	GOM_NL__2PRFIN20110202_171405_000000453099_00113_46679_4998.N1	02-FEB-2011 17:14:05	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	46679	No
190	GOM_NL__2PRFIN20110202_171949_000000453099_00113_46679_4999.N1	02-FEB-2011 17:19:49	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	46679	No
191	GOM_NL__2PRFIN20110202_172406_000000463099_00113_46679_5000.N1	02-FEB-2011 17:24:06	Dark	45.500	65	Lam Vel	2.2040	4400.0	91	46679	No
192	GOM_NL__2PRFIN20110202_173455_000000583099_00113_46679_5001.N1	02-FEB-2011 17:34:55	Straylight	58.000	48	30Alp Hya	1.9770	4100.0	116	46679	No
193	GOM_NL__2PRFIN20110202_173907_000000533099_00113_46679_5002.N1	02-FEB-2011 17:39:07	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	46679	No
194	GOM_NL__2PRFIN20110202_174542_000000413099_00113_46679_5003.N1	02-FEB-2011 17:45:42	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46679	No
195	GOM_NL__2PRFIN20110202_180014_000000433099_00113_46679_5004.N1	02-FEB-2011 18:00:14	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	46679	No
196	GOM_NL__2PRFIN20110202_180553_000000433099_00113_46679_5005.N1	02-FEB-2011 18:05:53	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	46679	No
197	GOM_NL__2PRFIN20110202_181037_000000423099_00113_46679_5006.N1	02-FEB-2011 18:10:37	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	46679	No
198	GOM_NL__2PRFIN20110202_181352_000000553099_00113_46679_5007.N1	02-FEB-2011 18:13:52	Bright	55.000	130	23Bet Dra	2.7990	5800.0	110	46679	No
199	GOM_NL__2PRFIN20110202_182035_000000433099_00113_46679_5008.N1	02-FEB-2011 18:20:35	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	46679	No
200	GOM_NL__2PRFIN20110202_182417_000000693099_00113_46679_5009.N1	02-FEB-2011 18:24:17	Bright	69.000	127	27Bet Her	2.7810	4700.0	138	46679	No
201	GOM_NL__2PRFIN20110202_182758_000000553099_00113_46679_5010.N1	02-FEB-2011 18:27:58	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46679	No
202	GOM_NL__2PRFIN20110202_183430_000000453099_00113_46679_5011.N1	02-FEB-2011 18:34:30	Twilight	44.500	86	35Eta Oph	2.4300	10200.	89	46679	No
203	GOM_NL__2PRFIN20110202_183853_000000613099_00113_46679_5012.N1	02-FEB-2011 18:38:53	Dark	61.000	16	21Alp Sco	1.0200	3000.0	122	46679	No
204	GOM_NL__2PRFIN20110202_184022_000000493099_00113_46679_5013.N1	02-FEB-2011 18:40:22	Dark	48.500	158	6Pi Sco	2.9060	28000.	97	46679	No
205	GOM_NL__2PRFIN20110202_184443_000000453099_00113_46679_5014.N1	02-FEB-2011 18:44:43	Dark	45.000	131	Gam Lup	2.8000	26000.	90	46679	No
206	GOM_NL__2PRFIN20110202_184659_000000453099_00114_46680_5220.N1	02-FEB-2011 18:46:59	Dark	45.000	109	Bet Lup	2.6770	26000.	90	46680	No
207	GOM_NL__2PRFIN20110202_184945_000000433099_00114_46680_5221.N1	02-FEB-2011 18:49:45	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	46680	No
208	GOM_NL__2PRFIN20110202_185058_000000423099_00114_46680_5222.N1	02-FEB-2011 18:50:58	Dark	41.500	10	Bet Cen	0.61000	28000.	83	46680	No
209	GOM_NL__2PRFIN20110202_185419_000000523099_00114_46680_5223.N1	02-FEB-2011 18:54:19	Dark	51.500	12	Alp1Cru	0.77500	30000.	103	46680	No
210	GOM_NL__2PRFIN20110202_190003_000000423099_00114_46680_5224.N1	02-FEB-2011 19:00:03	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	46680	No
211	GOM_NL__2PRFIN20110202_190421_000000523099_00114_46680_5225.N1	02-FEB-2011 19:04:21	Straylight	52.000	65	Lam Vel	2.2040	4400.0	104	46680	No
212	GOM_NL__2PRFIN20110202_191509_000000593099_00114_46680_5226.N1	02-FEB-2011 19:15:09	Straylight	58.500	48	30Alp Hya	1.9770	4100.0	117	46680	No
213	GOM_NL__2PRFIN20110202_191921_000000533099_00114_46680_5227.N1	02-FEB-2011 19:19:21	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	46680	No
214	GOM_NL__2PRFIN20110202_192556_000000413099_00114_46680_5228.N1	02-FEB-2011 19:25:56	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	46680	No
215	GOM_NL__2PRFIN20110202_194027_000000473099_00114_46680_5229.N1	02-FEB-2011 19:40:27	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46680	No
216	GOM_NL__2PRFIN20110202_194607_000000423099_00114_46680_5230.N1	02-FEB-2011 19:46:07	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	46680	No
217	GOM_NL__2PRFIN20110202_195051_000000413099_00114_46680_5231.N1	02-FEB-2011 19:50:51	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	46680	No
218	GOM_NL__2PRFIN20110202_195406_000000393099_00114_46680_5232.N1	02-FEB-2011 19:54:06	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	46680	No
219	GOM_NL__2PRFIN20110202_200049_000000643099_00114_46680_5233.N1	02-FEB-2011 20:00:49	Bright	64.000	133	40Zet Her	2.8070	6000.0	128	46680	No

220	GOM_NL__2PRFIN20110202_200431_000000523099_00114_46680_5234.N1	02-FEB-2011 20:04:31	Bright	52.000	127	27Bet Her	2.7810	4700.0	104	46680	No
221	GOM_NL__2PRFIN20110202_200812_000000553099_00114_46680_5235.N1	02-FEB-2011 20:08:12	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46680	No
222	GOM_NL__2PRFIN20110202_201445_000000463099_00114_46680_5236.N1	02-FEB-2011 20:14:45	Twilight	45.500	86	35Eta Oph	2.4300	10200.	91	46680	No
223	GOM_NL__2PRFIN20110202_201908_000000603099_00114_46680_5237.N1	02-FEB-2011 20:19:08	Dark	59.500	16	21Alp Sco	1.0200	3000.0	119	46680	No
224	GOM_NL__2PRFIN20110202_202037_000000493099_00114_46680_5238.N1	02-FEB-2011 20:20:37	Dark	48.500	158	6Pi Sco	2.9060	28000.	97	46680	No
225	GOM_NL__2PRFIN20110202_202457_000000443099_00114_46680_5239.N1	02-FEB-2011 20:24:57	Dark	44.000	131	Gam Lup	2.8000	26000.	88	46680	No
226	GOM_NL__2PRFIN20110202_202714_000000473099_00115_46681_5227.N1	02-FEB-2011 20:27:14	Dark	46.500	109	Bet Lup	2.6770	26000.	93	46681	No
227	GOM_NL__2PRFIN20110202_203000_000000433099_00115_46681_5228.N1	02-FEB-2011 20:30:00	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	46681	No
228	GOM_NL__2PRFIN20110202_203113_000000443099_00115_46681_5229.N1	02-FEB-2011 20:31:13	Dark	43.500	10	Bet Cen	0.61000	28000.	87	46681	No
229	GOM_NL__2PRFIN20110202_203434_000000423099_00115_46681_5230.N1	02-FEB-2011 20:34:34	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	46681	No
230	GOM_NL__2PRFIN20110202_204018_000000453099_00115_46681_5231.N1	02-FEB-2011 20:40:18	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46681	No
231	GOM_NL__2PRFIN20110202_204435_000000543099_00115_46681_5232.N1	02-FEB-2011 20:44:35	Straylight	54.000	65	Lam Vel	2.2040	4400.0	108	46681	No
232	GOM_NL__2PRFIN20110202_205523_000000623099_00115_46681_5233.N1	02-FEB-2011 20:55:23	Straylight	61.500	48	30Alp Hya	1.9770	4100.0	123	46681	No
233	GOM_NL__2PRFIN20110202_205935_000000533099_00115_46681_5234.N1	02-FEB-2011 20:59:35	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	46681	No
234	GOM_NL__2PRFIN20110202_210610_000000413099_00115_46681_5235.N1	02-FEB-2011 21:06:10	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46681	No
235	GOM_NL__2PRFIN20110202_212041_000000473099_00115_46681_5236.N1	02-FEB-2011 21:20:41	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46681	No
236	GOM_NL__2PRFIN20110202_212621_000000383099_00115_46681_5237.N1	02-FEB-2011 21:26:21	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	46681	No
237	GOM_NL__2PRFIN20110202_213105_000000423099_00115_46681_5238.N1	02-FEB-2011 21:31:05	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	46681	No
238	GOM_NL__2PRFIN20110202_213420_000000393099_00115_46681_5239.N1	02-FEB-2011 21:34:20	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	46681	No
239	GOM_NL__2PRFIN20110202_214103_000000643099_00115_46681_5240.N1	02-FEB-2011 21:41:03	Bright	64.000	133	40Zet Her	2.8070	6000.0	128	46681	No
240	GOM_NL__2PRFIN20110202_214446_000000493099_00115_46681_5241.N1	02-FEB-2011 21:44:46	Bright	48.500	127	27Bet Her	2.7810	4700.0	97	46681	No
241	GOM_NL__2PRFIN20110202_214826_000000553099_00115_46681_5242.N1	02-FEB-2011 21:48:26	Bright	54.500	126	60Bet Oph	2.7700	4250.0	109	46681	No
242	GOM_NL__2PRFIN20110202_215500_000000453099_00115_46681_5243.N1	02-FEB-2011 21:55:00	Twilight	45.000	86	35Eta Oph	2.4300	10200.	90	46681	No
243	GOM_NL__2PRFIN20110202_215923_000000513099_00115_46681_5244.N1	02-FEB-2011 21:59:23	Dark	51.000	16	21Alp Sco	1.0200	3000.0	102	46681	No
244	GOM_NL__2PRFIN20110202_220052_000000473099_00115_46681_5245.N1	02-FEB-2011 22:00:52	Dark	47.000	158	6Pi Sco	2.9060	28000.	94	46681	No
245	GOM_NL__2PRFIN20110202_220512_000000443099_00115_46681_5246.N1	02-FEB-2011 22:05:12	Dark	44.000	131	Gam Lup	2.8000	26000.	88	46681	No
246	GOM_NL__2PRFIN20110202_220728_000000453099_00116_46682_5233.N1	02-FEB-2011 22:07:28	Dark	45.000	109	Bet Lup	2.6770	26000.	90	46682	No
247	GOM_NL__2PRFIN20110202_221014_000000443099_00116_46682_5234.N1	02-FEB-2011 22:10:14	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	46682	No
248	GOM_NL__2PRFIN20110202_221127_000000423099_00116_46682_5235.N1	02-FEB-2011 22:11:27	Dark	41.500	10	Bet Cen	0.61000	28000.	83	46682	No
249	GOM_NL__2PRFIN20110202_221448_000000433099_00116_46682_5236.N1	02-FEB-2011 22:14:48	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	46682	No
250	GOM_NL__2PRFIN20110202_222032_000000503099_00116_46682_5237.N1	02-FEB-2011 22:20:32	Dark	49.500	113	Mu Vel	2.6920	5000.0	99	46682	No
251	GOM_NL__2PRFIN20110202_222450_000000463099_00116_46682_5238.N1	02-FEB-2011 22:24:50	Straylight	46.000	65	Lam Vel	2.2040	4400.0	92	46682	No
252	GOM_NL__2PRFIN20110202_223537_000000593099_00116_46682_5239.N1	02-FEB-2011 22:35:37	Straylight	59.000	48	30Alp Hya	1.9770	4100.0	118	46682	No
253	GOM_NL__2PRFIN20110202_224624_000000423099_00116_46682_5240.N1	02-FEB-2011 22:46:24	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	46682	No
254	GOM_NL__2PRFIN20110202_230054_000000473099_00116_46682_5241.N1	02-FEB-2011 23:00:54	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46682	No
255	GOM_NL__2PRFIN20110202_230635_000000363099_00116_46682_5242.N1	02-FEB-2011 23:06:35	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	46682	No
256	GOM_NL__2PRFIN20110202_231119_000000393099_00116_46682_5243.N1	02-FEB-2011 23:11:19	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46682	No
257	GOM_NL__2PRFIN20110202_231434_000000393099_00116_46682_5244.N1	02-FEB-2011 23:14:34	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	46682	No
258	GOM_NL__2PRFIN20110202_232117_000000643099_00116_46682_5245.N1	02-FEB-2011 23:21:17	Bright	64.000	133	40Zet Her	2.8070	6000.0	128	46682	No
259	GOM_NL__2PRFIN20110202_232500_000000693099_00116_46682_5246.N1	02-FEB-2011 23:25:00	Bright	69.000	127	27Bet Her	2.7810	4700.0	138	46682	No
260	GOM_NL__2PRFIN20110202_232840_000000553099_00116_46682_5247.N1	02-FEB-2011 23:28:40	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46682	No
261	GOM_NL__2PRFIN20110202_233514_000000443099_00116_46682_5248.N1	02-FEB-2011 23:35:14	Twilight	44.000	86	35Eta Oph	2.4300	10200.	88	46682	No
262	GOM_NL__2PRFIN20110202_233938_000000533099_00116_46682_5249.N1	02-FEB-2011 23:39:38	Dark	53.000	16	21Alp Sco	1.0200	3000.0	106	46682	No
263	GOM_NL__2PRFIN20110202_234527_000000443099_00116_46682_5250.N1	02-FEB-2011 23:45:27	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46682	No
264	GOM_NL__2PRFIN20110202_234743_000000453099_00117_46683_5240.N1	02-FEB-2011 23:47:43	Dark	44.500	109	Bet Lup	2.6770	26000.	89	46683	No
265	GOM_NL__2PRFIN20110202_235029_000000553099_00117_46683_5241.N1	02-FEB-2011 23:50:29	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	46683	No
266	GOM_NL__2PRFIN20110202_235142_000000523099_00117_46683_5242.N1	02-FEB-2011 23:51:42	Dark	51.500	10	Bet Cen	0.61000	28000.	103	46683	No
267	GOM_NL__2PRFIN20110202_235503_000000423099_00117_46683_5243.N1	02-FEB-2011 23:55:03	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	46683	No

3. Quality information per product

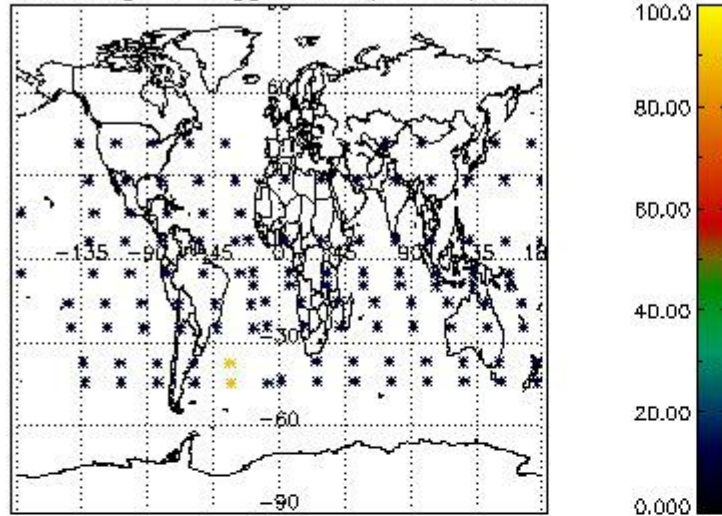
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

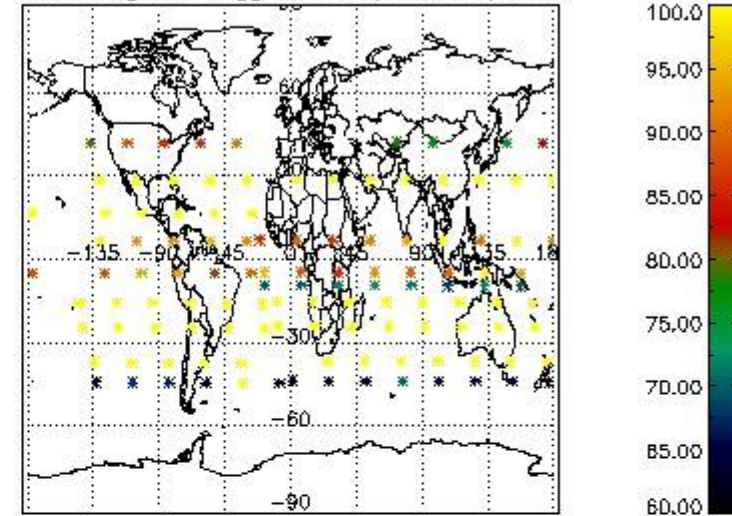


3.2 Plot quality information per product (world map)

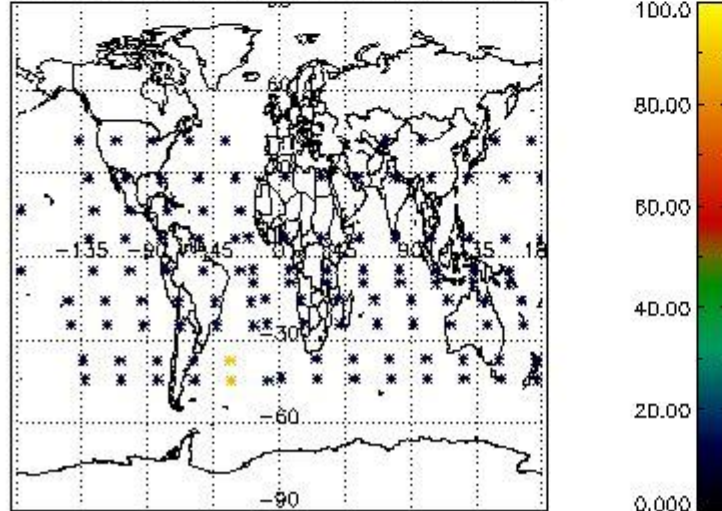
Percentage of flagged data per O3 profile



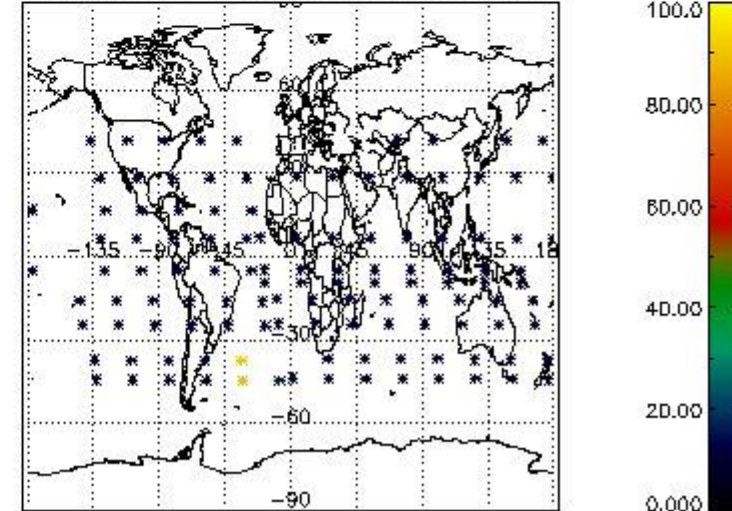
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

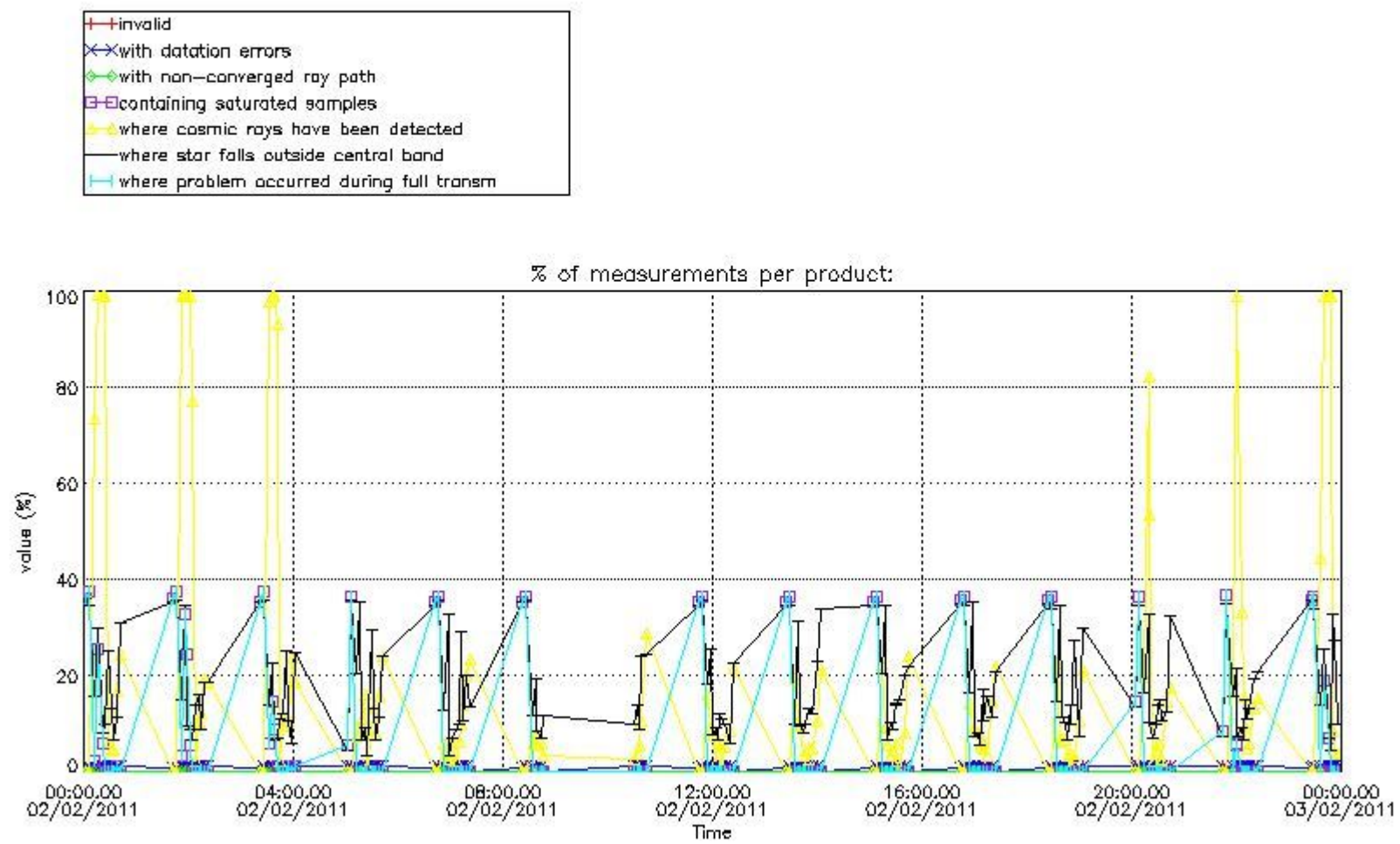


4. Level 1 quality information per product

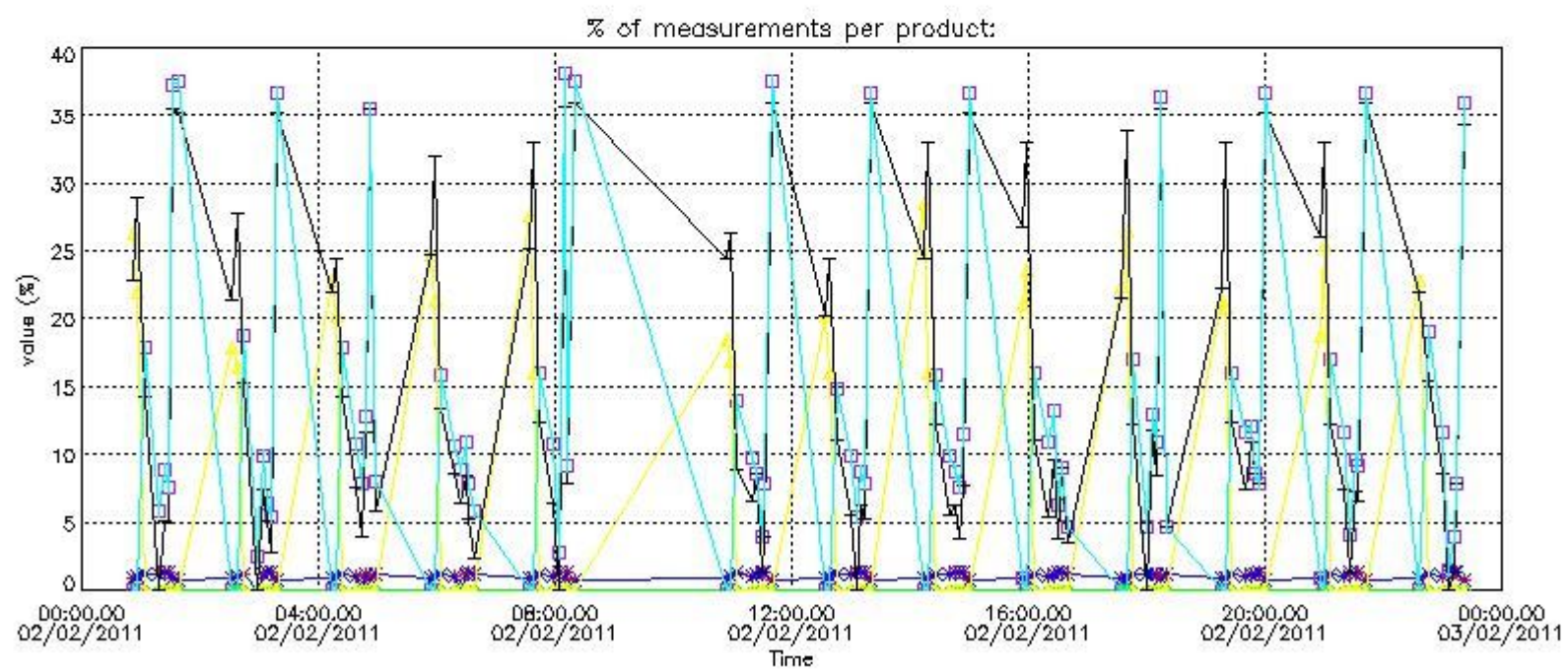
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



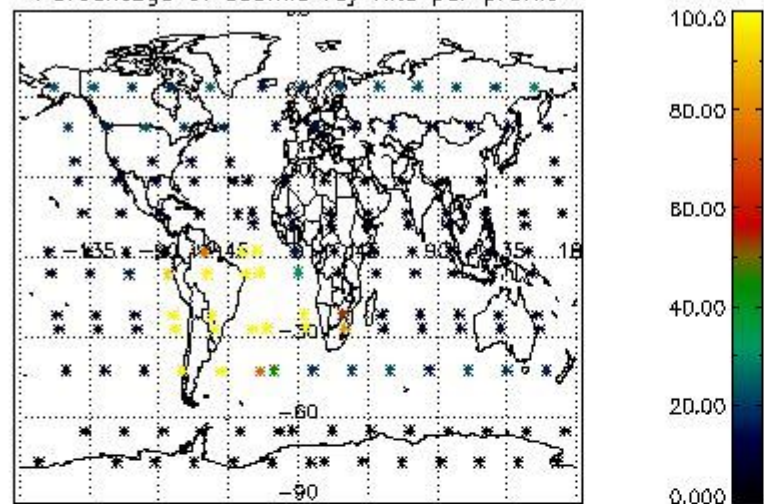
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



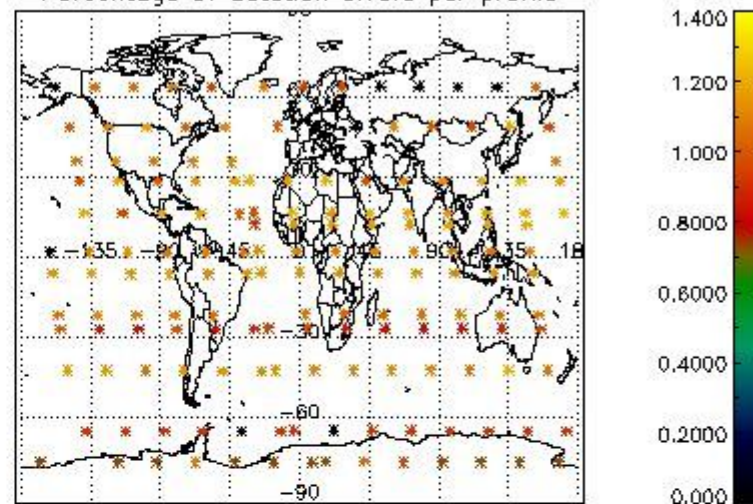
4.2 Plot quality information per product coming from level 1b processing (world map)

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

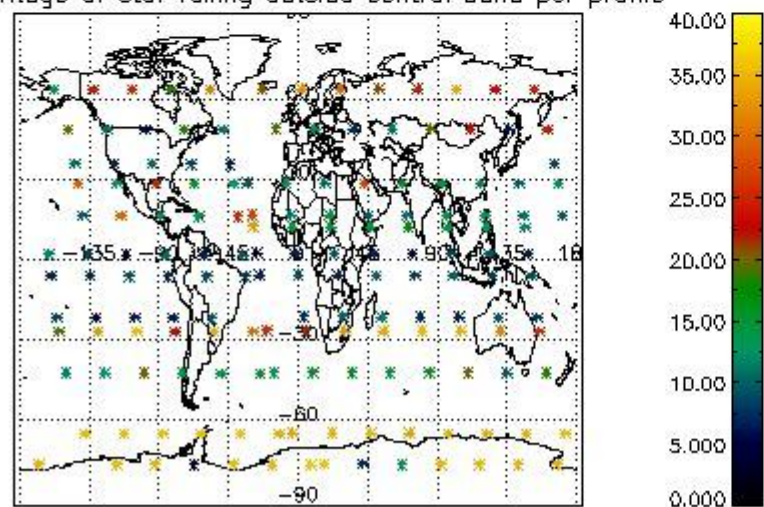
Percentage of cosmic ray hits per profile



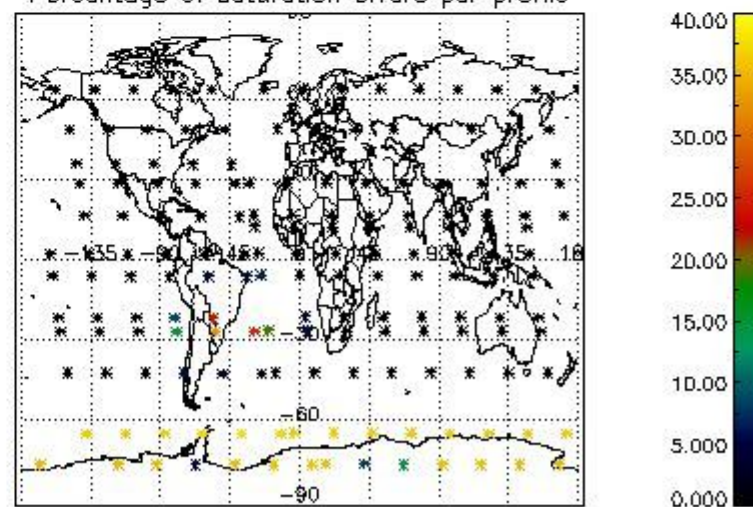
Percentage of datation errors per profile



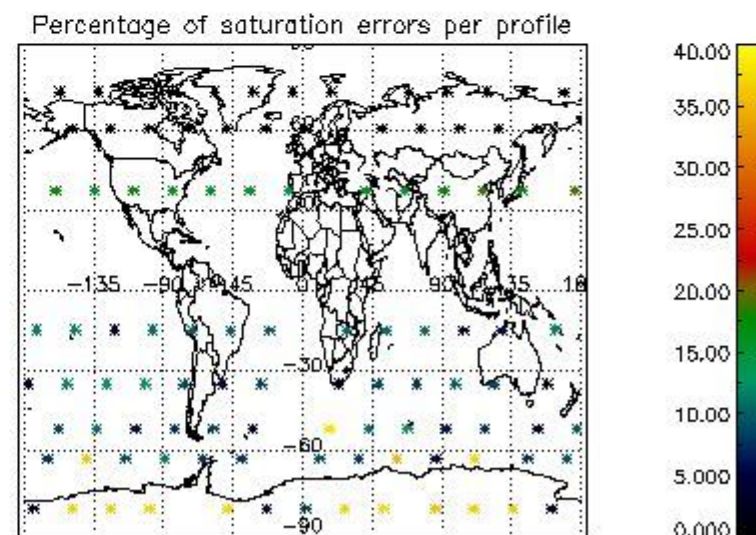
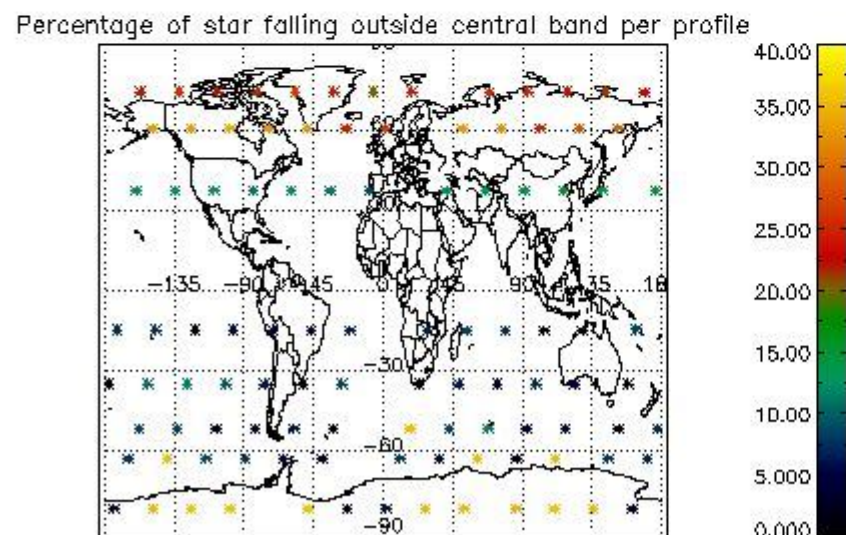
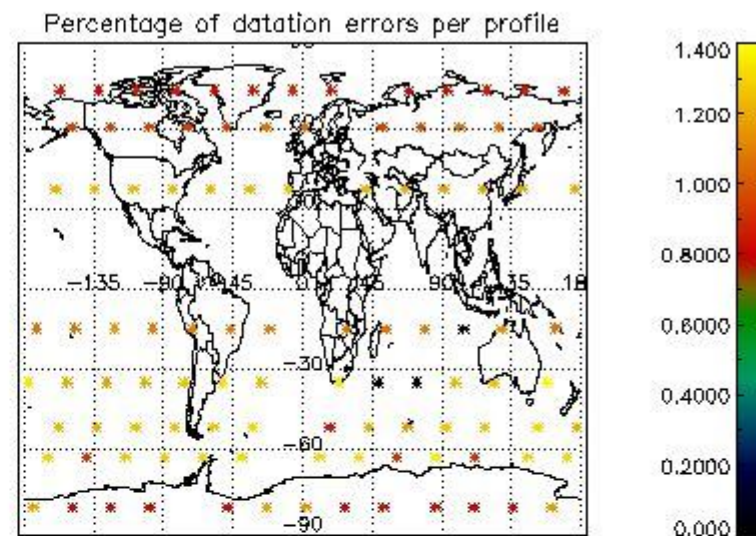
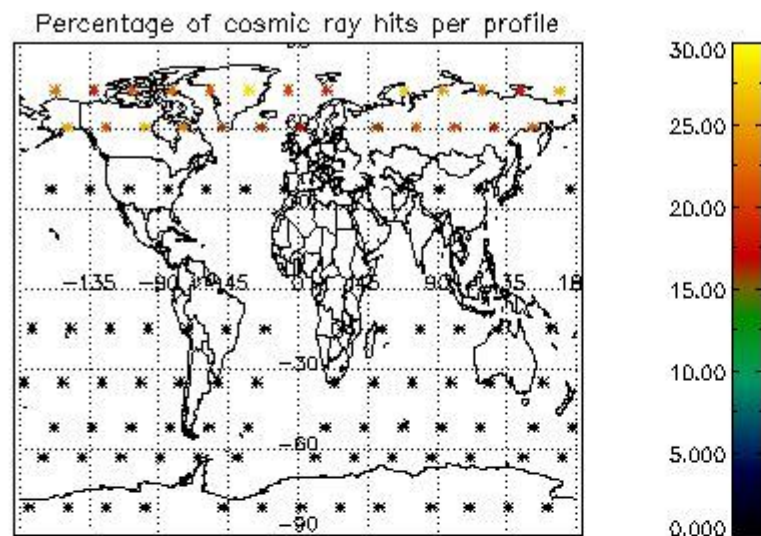
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

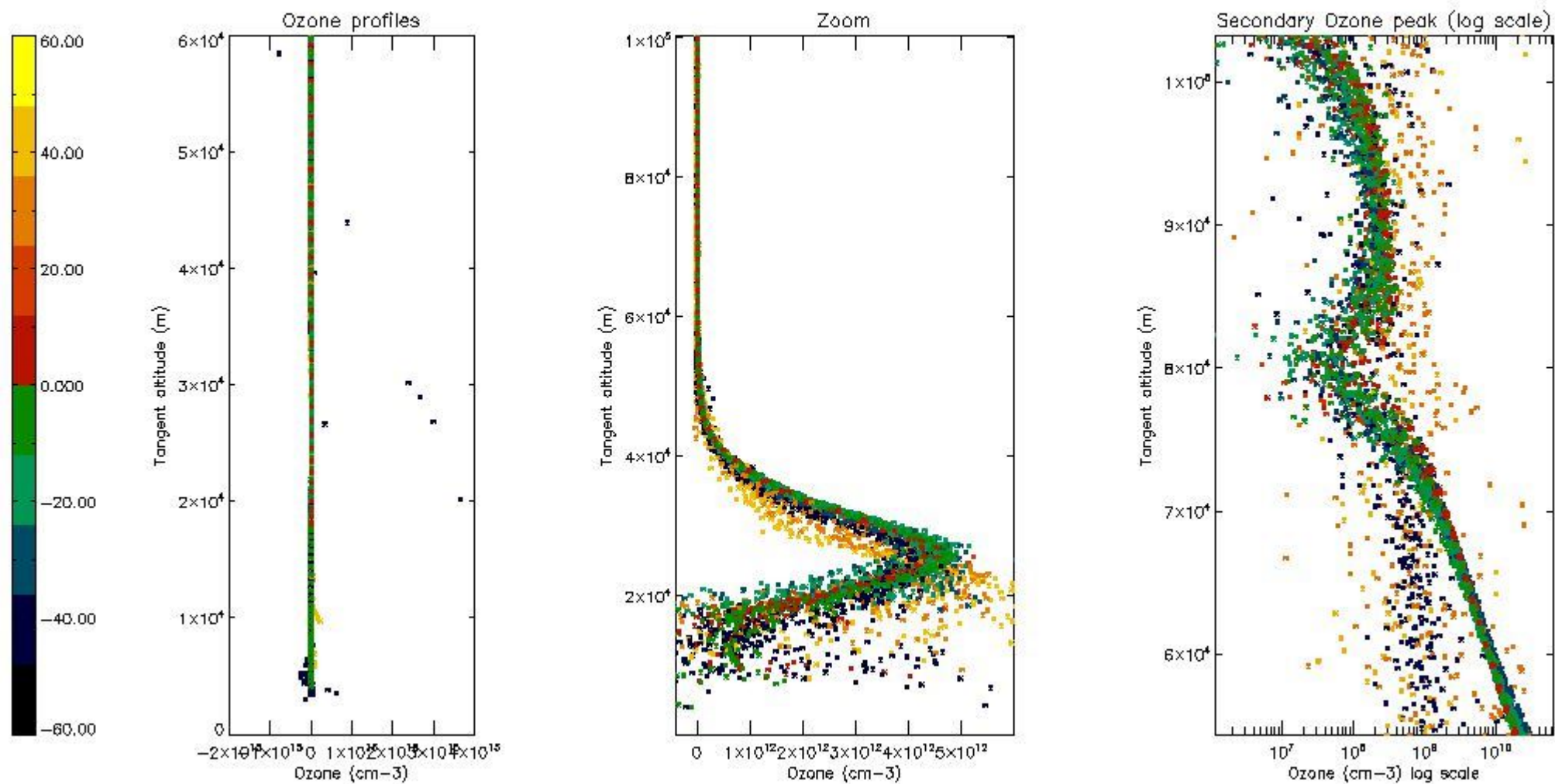
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	43
STD < 20	22

STD < 10	18
STD < 5	13

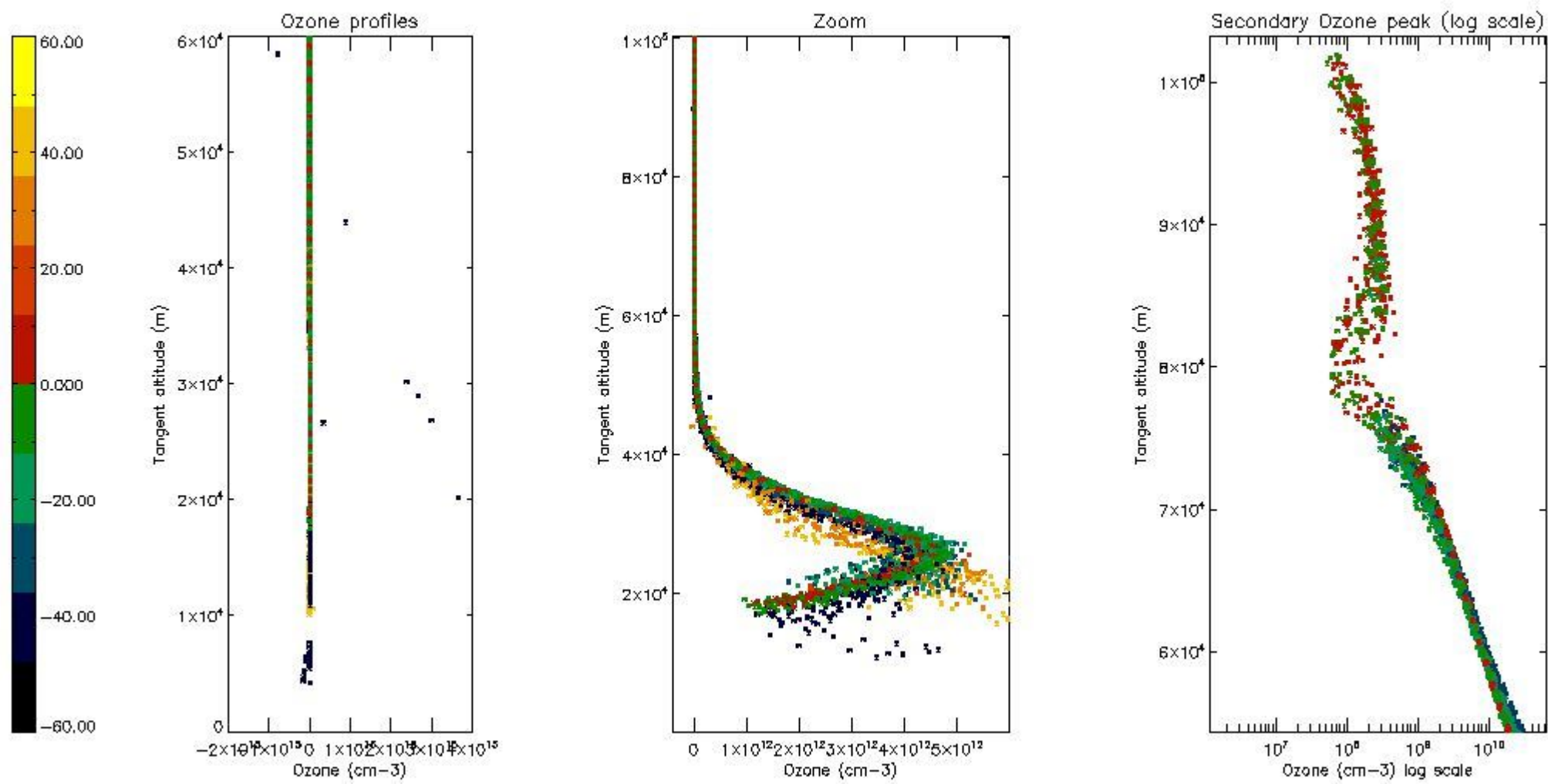
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



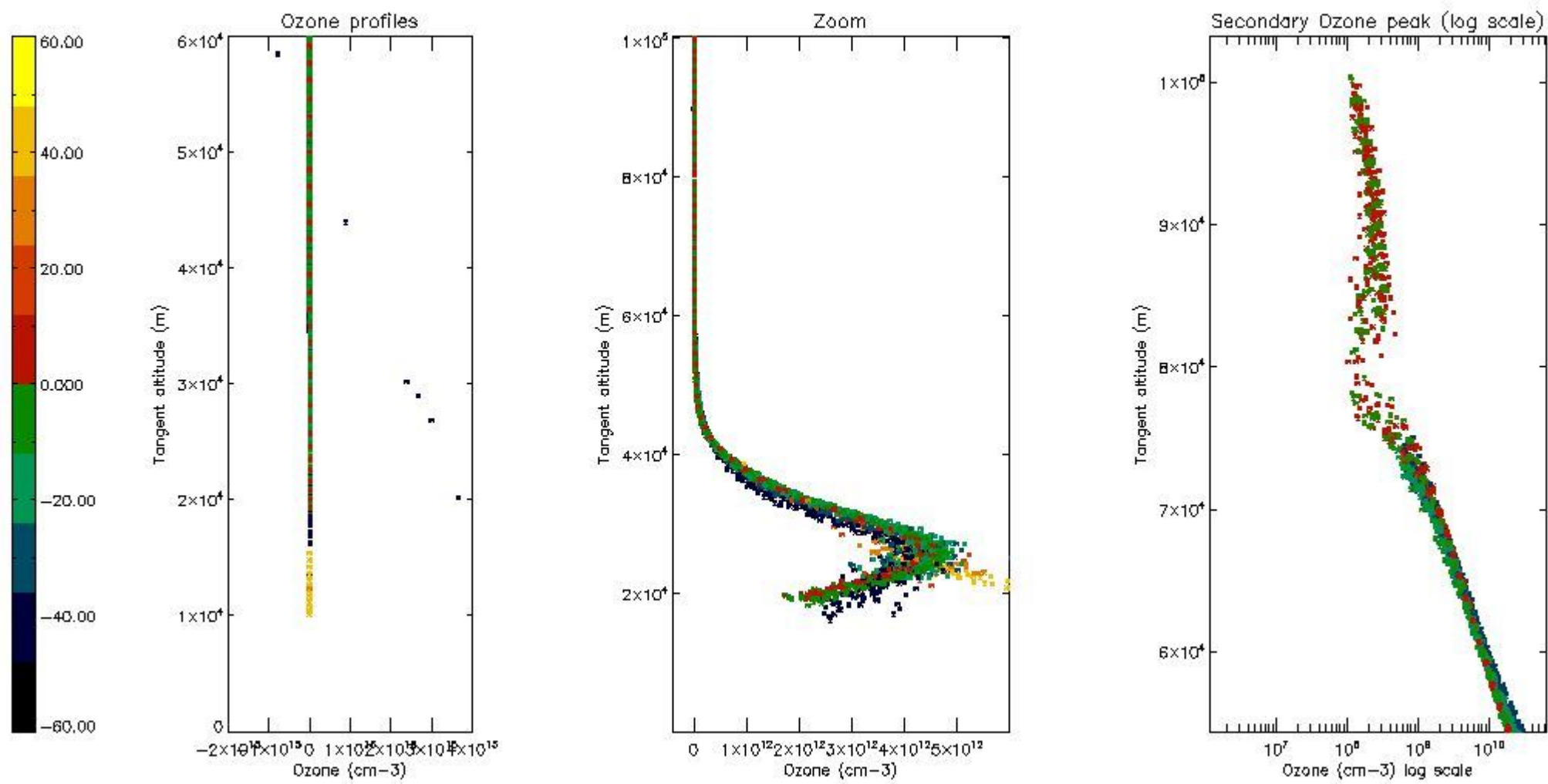
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



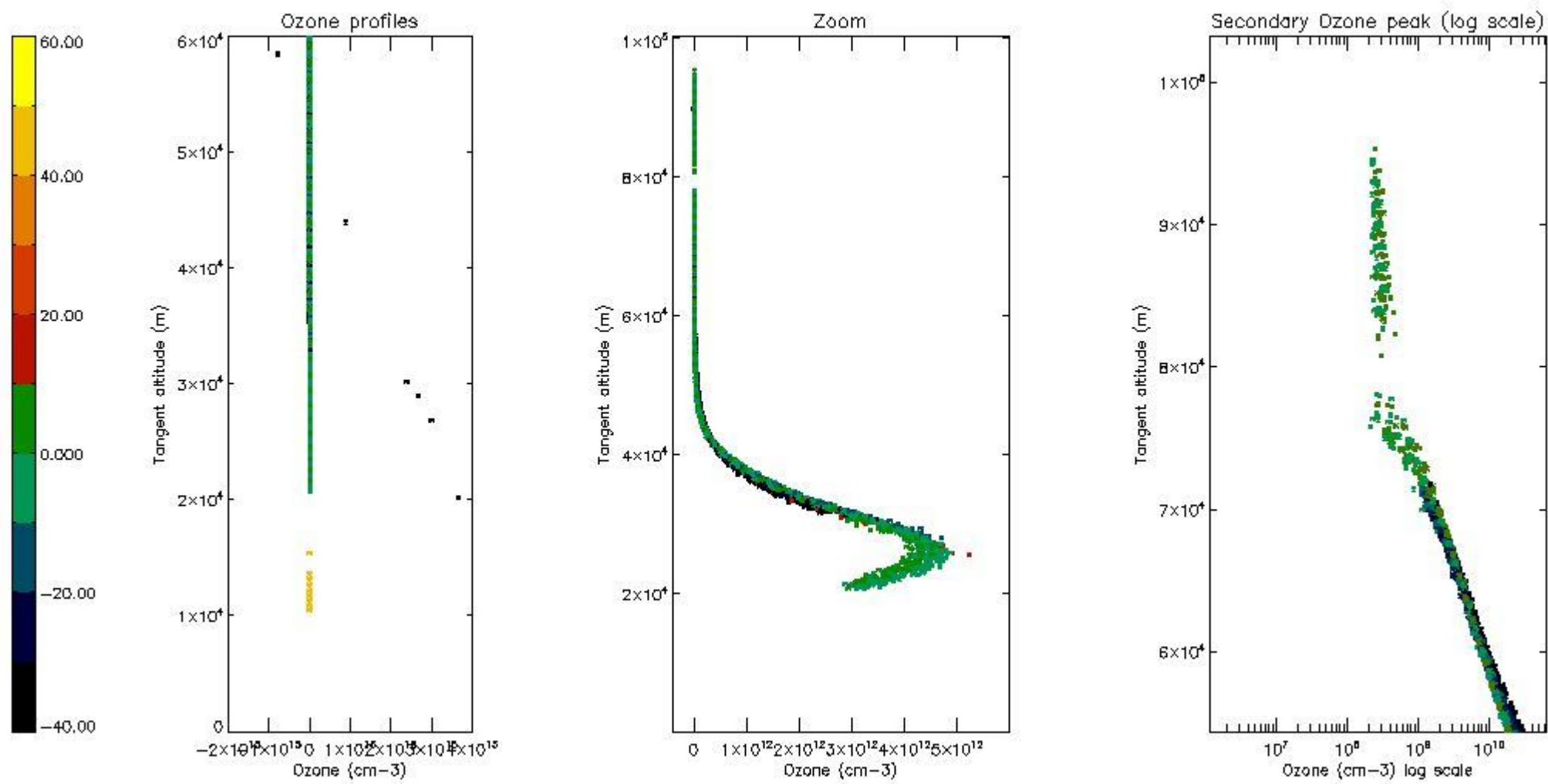
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



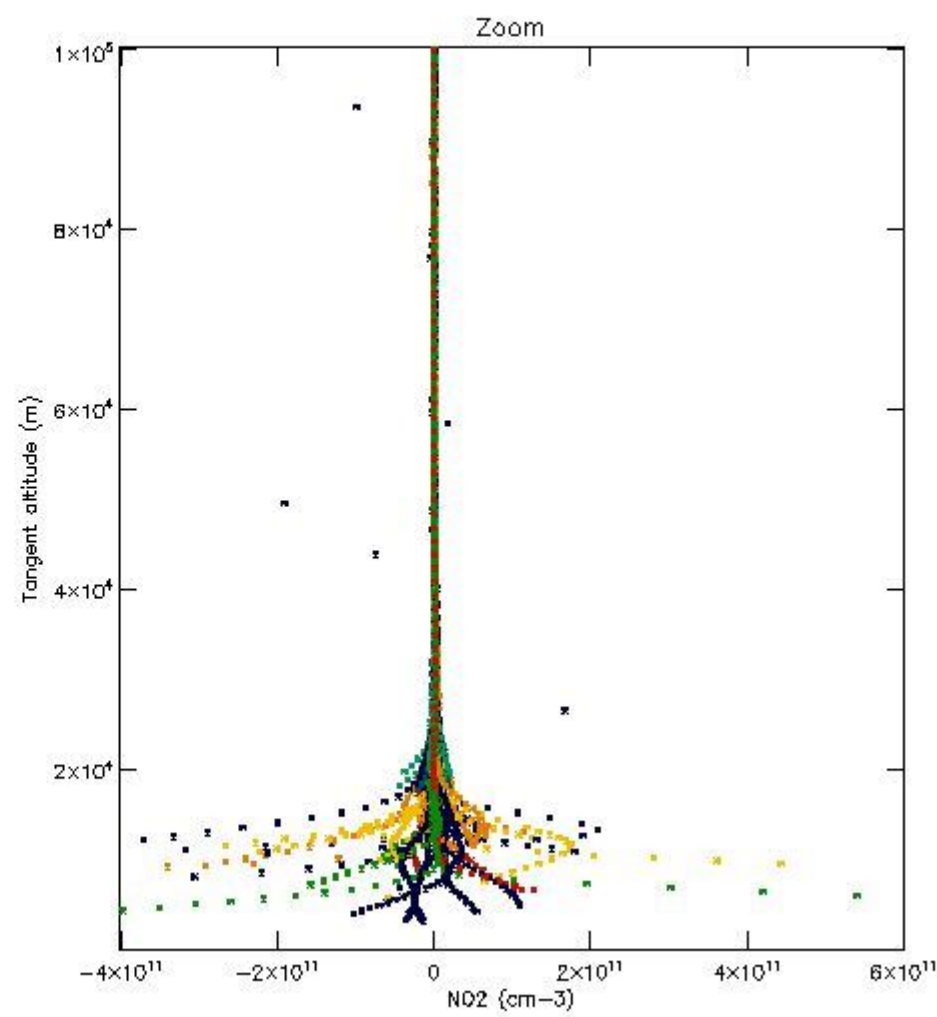
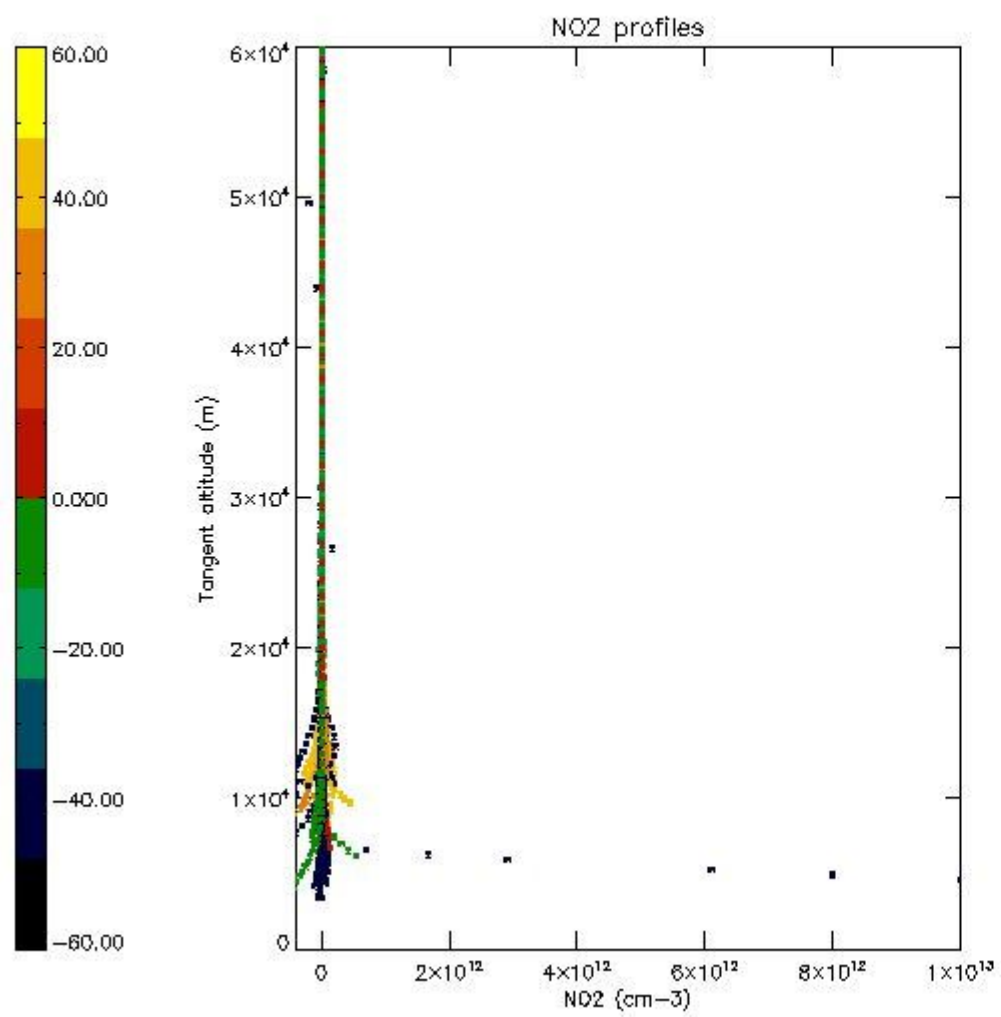
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



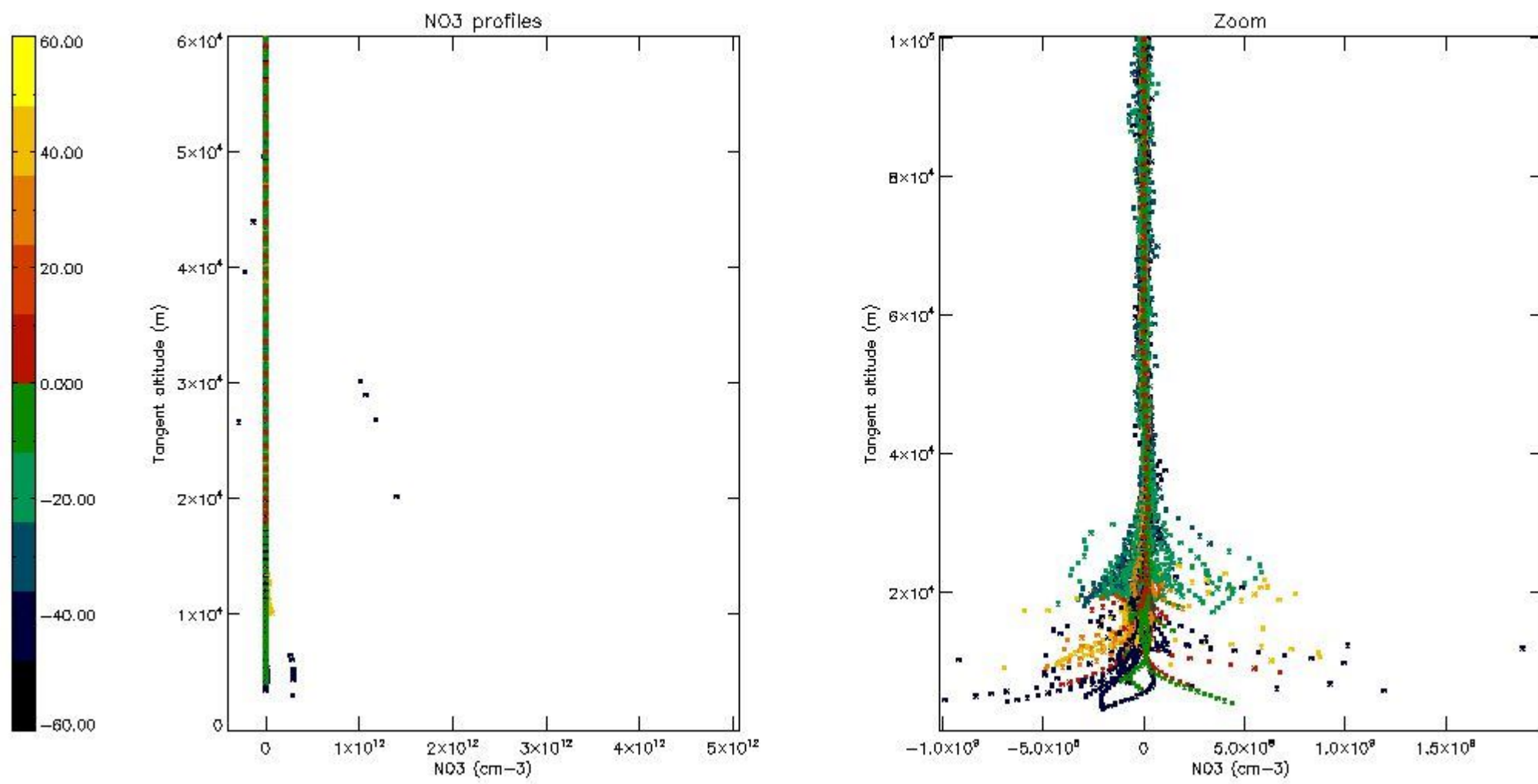
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



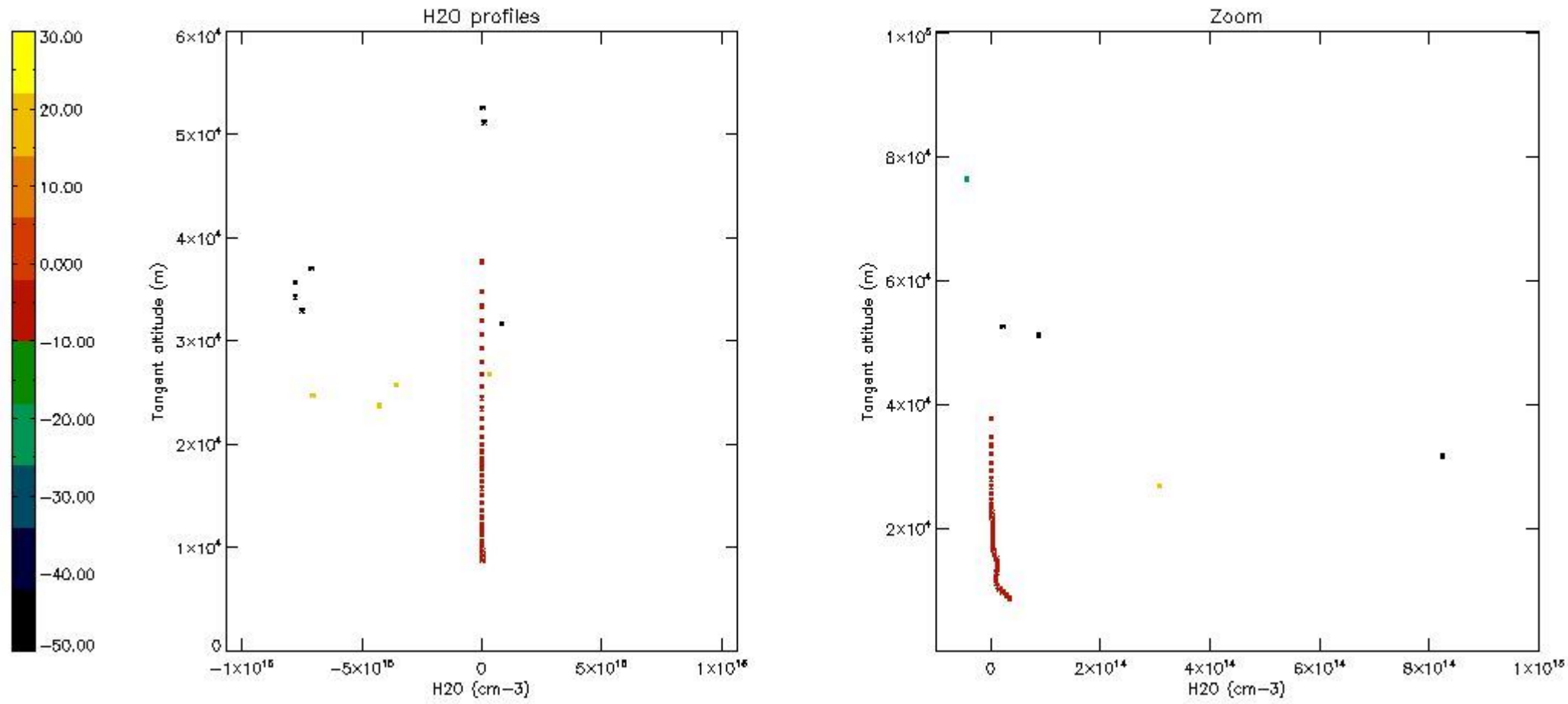
5.7 Plot NO3 profiles for all STD (dark without errors)

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	02-FEB-2011 00:01:39
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-FEB-2011 00:01:39
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-FEB-2011 00:01:39

GOMOS Level 2 Daily Report

SUMMARY

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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	24APR2013 09:54:11
Data source version	GOMOS/6.01
Start time of products	02-02-2011 (02FEB2011 00:00:00)
Stop time of products	03-02-2011 (03FEB2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	267
Nb of prods with errors	0

2. Summary of processed GOM_NL__2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20110202_000139_000000683099_00102_46668_4676.N1	02-FEB-2011 00:01:39	Bright	68.000	127	27Bet Her	2.7810	4700.0	136	46668	No
2	GOM_NL__2PRFIN20110202_000520_000000553099_00102_46668_4677.N1	02-FEB-2011 00:05:20	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46668	No
3	GOM_NL__2PRFIN20110202_001150_000000453099_00102_46668_4678.N1	02-FEB-2011 00:11:50	Twilight	45.000	86	35Eta Oph	2.4300	10200.	90	46668	No
4	GOM_NL__2PRFIN20110202_001611_000000573099_00102_46668_4679.N1	02-FEB-2011 00:16:11	Dark	57.000	16	21Alp Sco	1.0200	3000.0	114	46668	No
5	GOM_NL__2PRFIN20110202_002159_000000443099_00102_46668_4680.N1	02-FEB-2011 00:21:59	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46668	No
6	GOM_NL__2PRFIN20110202_002414_000000473099_00103_46669_4673.N1	02-FEB-2011 00:24:14	Dark	46.500	109	Bet Lup	2.6770	26000.	93	46669	No
7	GOM_NL__2PRFIN20110202_002817_000000503099_00103_46669_4674.N1	02-FEB-2011 00:28:17	Dark	50.000	10	Bet Cen	0.61000	28000.	100	46669	No
8	GOM_NL__2PRFIN20110202_003139_000000433099_00103_46669_4675.N1	02-FEB-2011 00:31:39	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	46669	No
9	GOM_NL__2PRFIN20110202_003344_000000463099_00103_46669_4676.N1	02-FEB-2011 00:33:44	Dark	45.500	99	Del Cen	2.5750	26000.	91	46669	No
10	GOM_NL__2PRFIN20110202_003723_000000453099_00103_46669_4677.N1	02-FEB-2011 00:37:23	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46669	No
11	GOM_NL__2PRFIN20110202_004143_000000543099_00103_46669_4678.N1	02-FEB-2011 00:41:43	Dark	53.500	65	Lam Vel	2.2040	4400.0	107	46669	No
12	GOM_NL__2PRFIN20110202_005236_000000593099_00103_46669_4679.N1	02-FEB-2011 00:52:36	Straylight	59.000	48	30Alp Hya	1.9770	4100.0	118	46669	No
13	GOM_NL__2PRFIN20110202_005646_000000503099_00103_46669_4680.N1	02-FEB-2011 00:56:46	Twilight	50.000	8	10Alp CMi	0.40000	6500.0	100	46669	No
14	GOM_NL__2PRFIN20110202_010323_000000423099_00103_46669_4681.N1	02-FEB-2011 01:03:23	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	46669	No
15	GOM_NL__2PRFIN20110202_011800_000000443099_00103_46669_4682.N1	02-FEB-2011 01:18:00	Bright	43.500	36	50Alp UMa	1.8000	6300.0	87	46669	No
16	GOM_NL__2PRFIN20110202_012336_000000403099_00103_46669_4683.N1	02-FEB-2011 01:23:36	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46669	No
17	GOM_NL__2PRFIN20110202_012819_000000403099_00103_46669_4684.N1	02-FEB-2011 01:28:19	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46669	No
18	GOM_NL__2PRFIN20110202_013132_000000553099_00103_46669_4685.N1	02-FEB-2011 01:31:32	Bright	55.000	130	23Bet Dra	2.7990	5800.0	110	46669	No
19	GOM_NL__2PRFIN20110202_013813_000000643099_00103_46669_4686.N1	02-FEB-2011 01:38:13	Bright	64.000	133	40Zet Her	2.8070	6000.0	128	46669	No
20	GOM_NL__2PRFIN20110202_014153_000000683099_00103_46669_4687.N1	02-FEB-2011 01:41:53	Bright	68.000	127	27Bet Her	2.7810	4700.0	136	46669	No
21	GOM_NL__2PRFIN20110202_014534_000000553099_00103_46669_4688.N1	02-FEB-2011 01:45:34	Bright	54.500	126	60Bet Oph	2.7700	4250.0	109	46669	No
22	GOM_NL__2PRFIN20110202_015205_000000443099_00103_46669_4689.N1	02-FEB-2011 01:52:05	Twilight	44.000	86	35Eta Oph	2.4300	10200.	88	46669	No
23	GOM_NL__2PRFIN20110202_015626_000000613099_00103_46669_4690.N1	02-FEB-2011 01:56:26	Dark	61.000	16	21Alp Sco	1.0200	3000.0	122	46669	No
24	GOM_NL__2PRFIN20110202_015752_000000483099_00103_46669_4691.N1	02-FEB-2011 01:57:52	Dark	47.500	158	6Pi Sco	2.9060	28000.	95	46669	No
25	GOM_NL__2PRFIN20110202_020214_000000453099_00103_46669_4692.N1	02-FEB-2011 02:02:14	Dark	45.000	131	Gam Lup	2.8000	26000.	90	46669	No
26	GOM_NL__2PRFIN20110202_020429_000000463099_00104_46670_4682.N1	02-FEB-2011 02:04:29	Dark	45.500	109	Bet Lup	2.6770	26000.	91	46670	No
27	GOM_NL__2PRFIN20110202_020832_000000433099_00104_46670_4683.N1	02-FEB-2011 02:08:32	Dark	43.000	10	Bet Cen	0.61000	28000.	86	46670	No
28	GOM_NL__2PRFIN20110202_021153_000000443099_00104_46670_4684.N1	02-FEB-2011 02:11:53	Dark	44.000	12	Alp1Cru	0.77500	30000.	88	46670	No
29	GOM_NL__2PRFIN20110202_021358_000000463099_00104_46670_4685.N1	02-FEB-2011 02:13:58	Dark	46.000	99	Del Cen	2.5750	26000.	92	46670	No
30	GOM_NL__2PRFIN20110202_021737_000000493099_00104_46670_4686.N1	02-FEB-2011 02:17:37	Dark	49.000	113	Mu Vel	2.6920	5000.0	98	46670	No
31	GOM_NL__2PRFIN20110202_022157_000000463099_00104_46670_4687.N1	02-FEB-2011 02:21:57	Dark	45.500	65	Lam Vel	2.2040	4400.0	91	46670	No
32	GOM_NL__2PRFIN20110202_023249_000000593099_00104_46670_4688.N1	02-FEB-2011 02:32:49	Straylight	58.500	48	30Alp Hya	1.9770	4100.0	117	46670	No
33	GOM_NL__2PRFIN20110202_023701_000000493099_00104_46670_4689.N1	02-FEB-2011 02:37:01	Twilight	48.500	8	10Alp CMi	0.40000	6500.0	97	46670	No
34	GOM_NL__2PRFIN20110202_024337_000000433099_00104_46670_4690.N1	02-FEB-2011 02:43:37	Bright	42.500	17	78Bet Gem	1.1610	4500.0	85	46670	No
35	GOM_NL__2PRFIN20110202_025814_000000423099_00104_46670_4691.N1	02-FEB-2011 02:58:14	Bright	41.500	36	50Alp UMa	1.8000	6300.0	83	46670	No
36	GOM_NL__2PRFIN20110202_030349_000000413099_00104_46670_4692.N1	02-FEB-2011 03:03:49	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46670	No
37	GOM_NL__2PRFIN20110202_030833_000000403099_00104_46670_4693.N1	02-FEB-2011 03:08:33	Bright	39.500	119	14Eta Dra	2.7270	4700.0	79	46670	No
38	GOM_NL__2PRFIN20110202_031146_000000373099_00104_46670_4694.N1	02-FEB-2011 03:11:46	Bright	37.000	130	23Bet Dra	2.7990	5800.0	74	46670	No
39	GOM_NL__2PRFIN20110202_031827_000000643099_00104_46670_4695.N1	02-FEB-2011 03:18:27	Bright	64.000	133	40Zet Her	2.8070	6000.0	128	46670	No
40	GOM_NL__2PRFIN20110202_032207_000000683099_00104_46670_4696.N1	02-FEB-2011 03:22:07	Bright	68.000	127	27Bet Her	2.7810	4700.0	136	46670	No
41	GOM_NL__2PRFIN20110202_032548_000000553099_00104_46670_4697.N1	02-FEB-2011 03:25:48	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46670	No
42	GOM_NL__2PRFIN20110202_033219_000000443099_00104_46670_4698.N1	02-FEB-2011 03:32:19	Twilight	43.500	86	35Eta Oph	2.4300	10200.	87	46670	No

43	GOM_NL__2PRFIN20110202_033641_000000513099_00104_46670_4699.N1	02-FEB-2011 03:36:41	Dark	51.000	16	21Alp Sco	1.0200	3000.0	102	46670	No
44	GOM_NL__2PRFIN20110202_033807_000000463099_00104_46670_4700.N1	02-FEB-2011 03:38:07	Dark	46.000	158	6Pi Sco	2.9060	28000.	92	46670	No
45	GOM_NL__2PRFIN20110202_034229_000000433099_00104_46670_4701.N1	02-FEB-2011 03:42:29	Dark	43.000	131	Gam Lup	2.8000	26000.	86	46670	No
46	GOM_NL__2PRFIN20110202_034444_000000473099_00105_46671_4835.N1	02-FEB-2011 03:44:44	Dark	46.500	109	Bet Lup	2.6770	26000.	93	46671	No
47	GOM_NL__2PRFIN20110202_034846_000000423099_00105_46671_4836.N1	02-FEB-2011 03:48:46	Dark	42.000	10	Bet Cen	0.61000	28000.	84	46671	No
48	GOM_NL__2PRFIN20110202_035208_000000503099_00105_46671_4837.N1	02-FEB-2011 03:52:08	Dark	49.500	12	Alp1Cru	0.77500	30000.	99	46671	No
49	GOM_NL__2PRFIN20110202_035413_000000473099_00105_46671_4838.N1	02-FEB-2011 03:54:13	Dark	47.000	99	Del Cen	2.5750	26000.	94	46671	No
50	GOM_NL__2PRFIN20110202_035752_000000433099_00105_46671_4839.N1	02-FEB-2011 03:57:52	Dark	42.500	113	Mu Vel	2.6920	5000.0	85	46671	No
51	GOM_NL__2PRFIN20110202_040212_000000493099_00105_46671_4840.N1	02-FEB-2011 04:02:12	Dark	48.500	65	Lam Vel	2.2040	4400.0	97	46671	No
52	GOM_NL__2PRFIN20110202_041303_000000593099_00105_46671_4841.N1	02-FEB-2011 04:13:03	Straylight	59.000	48	30Alp Hya	1.9770	4100.0	118	46671	No
53	GOM_NL__2PRFIN20110202_041715_000000473099_00105_46671_4842.N1	02-FEB-2011 04:17:15	Tw_i_and_stray	47.000	8	10Alp CMi	0.40000	6500.0	94	46671	No
54	GOM_NL__2PRFIN20110202_042351_000000423099_00105_46671_4843.N1	02-FEB-2011 04:23:51	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	46671	No
55	GOM_NL__2PRFIN20110202_043827_000000473099_00105_46671_4844.N1	02-FEB-2011 04:38:27	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	46671	No
56	GOM_NL__2PRFIN20110202_044403_000000393099_00105_46671_4845.N1	02-FEB-2011 04:44:03	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	46671	No
57	GOM_NL__2PRFIN20110202_044847_000000433099_00105_46671_4846.N1	02-FEB-2011 04:48:47	Bright	43.000	119	14Eta Dra	2.7270	4700.0	86	46671	No
58	GOM_NL__2PRFIN20110202_045200_000000553099_00105_46671_4847.N1	02-FEB-2011 04:52:00	Bright	55.000	130	23Bet Dra	2.7990	5800.0	110	46671	No
59	GOM_NL__2PRFIN20110202_045841_000000443099_00105_46671_4848.N1	02-FEB-2011 04:58:41	Bright	43.500	133	40Zet Her	2.8070	6000.0	87	46671	No
60	GOM_NL__2PRFIN20110202_050222_000000473099_00105_46671_4849.N1	02-FEB-2011 05:02:22	Bright	46.500	127	27Bet Her	2.7810	4700.0	93	46671	No
61	GOM_NL__2PRFIN20110202_050603_000000553099_00105_46671_4850.N1	02-FEB-2011 05:06:03	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46671	No
62	GOM_NL__2PRFIN20110202_051234_000000473099_00105_46671_4851.N1	02-FEB-2011 05:12:34	Tw_i_and_stray	47.000	86	35Eta Oph	2.4300	10200.	94	46671	No
63	GOM_NL__2PRFIN20110202_051656_000000613099_00105_46671_4852.N1	02-FEB-2011 05:16:56	Dark	61.000	16	21Alp Sco	1.0200	3000.0	122	46671	No
64	GOM_NL__2PRFIN20110202_051823_000000463099_00105_46671_4853.N1	02-FEB-2011 05:18:23	Dark	46.000	158	6Pi Sco	2.9060	28000.	92	46671	No
65	GOM_NL__2PRFIN20110202_052244_000000443099_00105_46671_4854.N1	02-FEB-2011 05:22:44	Dark	44.000	131	Gam Lup	2.8000	26000.	88	46671	No
66	GOM_NL__2PRFIN20110202_052459_000000443099_00106_46672_4843.N1	02-FEB-2011 05:24:59	Dark	44.000	109	Bet Lup	2.6770	26000.	88	46672	No
67	GOM_NL__2PRFIN20110202_052901_000000533099_00106_46672_4844.N1	02-FEB-2011 05:29:01	Dark	52.500	10	Bet Cen	0.61000	28000.	105	46672	No
68	GOM_NL__2PRFIN20110202_053223_000000423099_00106_46672_4845.N1	02-FEB-2011 05:32:23	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	46672	No
69	GOM_NL__2PRFIN20110202_053428_000000453099_00106_46672_4846.N1	02-FEB-2011 05:34:28	Dark	45.000	99	Del Cen	2.5750	26000.	90	46672	No
70	GOM_NL__2PRFIN20110202_053807_000000453099_00106_46672_4847.N1	02-FEB-2011 05:38:07	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	46672	No
71	GOM_NL__2PRFIN20110202_054226_000000483099_00106_46672_4848.N1	02-FEB-2011 05:42:26	Dark	48.000	65	Lam Vel	2.2040	4400.0	96	46672	No
72	GOM_NL__2PRFIN20110202_055317_000000613099_00106_46672_4849.N1	02-FEB-2011 05:53:17	Straylight	60.500	48	30Alp Hya	1.9770	4100.0	121	46672	No
73	GOM_NL__2PRFIN20110202_055729_000000523099_00106_46672_4850.N1	02-FEB-2011 05:57:29	Tw_i_and_stray	51.500	8	10Alp CMi	0.40000	6500.0	103	46672	No
74	GOM_NL__2PRFIN20110202_060405_000000413099_00106_46672_4851.N1	02-FEB-2011 06:04:05	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46672	No
75	GOM_NL__2PRFIN20110202_061841_000000473099_00106_46672_4852.N1	02-FEB-2011 06:18:41	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46672	No
76	GOM_NL__2PRFIN20110202_062417_000000403099_00106_46672_4853.N1	02-FEB-2011 06:24:17	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46672	No
77	GOM_NL__2PRFIN20110202_062900_000000423099_00106_46672_4854.N1	02-FEB-2011 06:29:00	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	46672	No
78	GOM_NL__2PRFIN20110202_063214_000000383099_00106_46672_4855.N1	02-FEB-2011 06:32:14	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	46672	No
79	GOM_NL__2PRFIN20110202_063856_000000433099_00106_46672_4856.N1	02-FEB-2011 06:38:56	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	46672	No
80	GOM_NL__2PRFIN20110202_064236_000000683099_00106_46672_4857.N1	02-FEB-2011 06:42:36	Bright	68.000	127	27Bet Her	2.7810	4700.0	136	46672	No
81	GOM_NL__2PRFIN20110202_064617_000000553099_00106_46672_4858.N1	02-FEB-2011 06:46:17	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46672	No
82	GOM_NL__2PRFIN20110202_065248_000000443099_00106_46672_4859.N1	02-FEB-2011 06:52:48	Tw_i_and_stray	43.500	86	35Eta Oph	2.4300	10200.	87	46672	No
83	GOM_NL__2PRFIN20110202_065710_000000603099_00106_46672_4860.N1	02-FEB-2011 06:57:10	Dark	59.500	16	21Alp Sco	1.0200	3000.0	119	46672	No
84	GOM_NL__2PRFIN20110202_065838_000000453099_00106_46672_4861.N1	02-FEB-2011 06:58:38	Dark	45.000	158	6Pi Sco	2.9060	28000.	90	46672	No
85	GOM_NL__2PRFIN20110202_070259_000000433099_00106_46672_4862.N1	02-FEB-2011 07:02:59	Dark	43.000	131	Gam Lup	2.8000	26000.	86	46672	No
86	GOM_NL__2PRFIN20110202_070514_000000463099_00107_46673_4851.N1	02-FEB-2011 07:05:14	Dark	46.000	109	Bet Lup	2.6770	26000.	92	46673	No
87	GOM_NL__2PRFIN20110202_070916_000000423099_00107_46673_4852.N1	02-FEB-2011 07:09:16	Dark	41.500	10	Bet Cen	0.61000	28000.	83	46673	No
88	GOM_NL__2PRFIN20110202_071238_000000523099_00107_46673_4853.N1	02-FEB-2011 07:12:38	Dark	51.500	12	Alp1Cru	0.77500	30000.	103	46673	No
89	GOM_NL__2PRFIN20110202_071443_000000473099_00107_46673_4854.N1	02-FEB-2011 07:14:43	Dark	47.000	99	Del Cen	2.5750	26000.	94	46673	No
90	GOM_NL__2PRFIN20110202_071821_000000503099_00107_46673_4855.N1	02-FEB-2011 07:18:21	Dark	50.000	113	Mu Vel	2.6920	5000.0	100	46673	No
91	GOM_NL__2PRFIN20110202_072240_000000413099_00107_46673_4856.N1	02-FEB-2011 07:22:40	Dark	41.000	65	Lam Vel	2.2040	4400.0	82	46673	No
92	GOM_NL__2PRFIN20110202_073332_000000623099_00107_46673_4857.N1	02-FEB-2011 07:33:32	Straylight	61.500	48	30Alp Hya	1.9770	4100.0	123	46673	No
93	GOM_NL__2PRFIN20110202_073743_000000533099_00107_46673_4858.N1	02-FEB-2011 07:37:43	Tw_i_and_stray	53.000	8	10Alp CMi	0.40000	6500.0	106	46673	No
94	GOM_NL__2PRFIN20110202_074419_000000413099_00107_46673_4859.N1	02-FEB-2011 07:44:19	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	46673	No
95	GOM_NL__2PRFIN20110202_075854_000000473099_00107_46673_4860.N1	02-FEB-2011 07:58:54	Bright	46.500	36	50Alp UMa	1.8000	6300.0	93	46673	No
96	GOM_NL__2PRFIN20110202_080431_000000373099_00107_46673_4861.N1	02-FEB-2011 08:04:31	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	46673	No
97	GOM_NL__2PRFIN20110202_080914_000000593099_00107_46673_4862.N1	02-FEB-2011 08:09:14	Bright	59.000	119	14Eta Dra	2.7270	4700.0	118	46673	No
98	GOM_NL__2PRFIN20110202_081228_000000393099_00107_46673_4863.N1	02-FEB-2011 08:12:28	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	46673	No
99	GOM_NL__2PRFIN20110202_081910_000000643099_00107_46673_4864.N1	02-FEB-2011 08:19:10	Bright	64.000	133	40Zet Her	2.8070	6000.0	128	46673	No
100	GOM_NL__2PRFIN20110202_082251_000000683099_00107_46673_4865.N1	02-FEB-2011 08:22:51	Bright	68.000	127	27Bet Her	2.7810	4700.0	136	46673	No
101	GOM_NL__2PRFIN20110202_082632_000000553099_00107_46673_4866.N1	02-FEB-2011 08:26:32	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46673	No

102	GOM_NL__2PRFIN20110202_083303_000000433099_00107_46673_4867.N1	02-FEB-2011 08:33:03	Twilight	43.000	86	35Eta Oph	2.4300	10200.	86	46673	No
103	GOM_NL__2PRFIN20110202_083725_000000503099_00107_46673_4868.N1	02-FEB-2011 08:37:25	Dark	49.500	16	21Alp Sco	1.0200	3000.0	99	46673	No
104	GOM_NL__2PRFIN20110202_083853_000000473099_00107_46673_4869.N1	02-FEB-2011 08:38:53	Dark	47.000	158	6Pi Sco	2.9060	28000.	94	46673	No
105	GOM_NL__2PRFIN20110202_084313_000000443099_00107_46673_4870.N1	02-FEB-2011 08:43:13	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46673	No
106	GOM_NL__2PRFIN20110202_084529_000000473099_00108_46674_4859.N1	02-FEB-2011 08:45:29	Dark	47.000	109	Bet Lup	2.6770	26000.	94	46674	No
107	GOM_NL__2PRFIN20110202_102945_000000413099_00109_46675_4888.N1	02-FEB-2011 10:29:45	Dark	41.000	10	Bet Cen	0.61000	28000.	82	46675	No
108	GOM_NL__2PRFIN20110202_103306_000000433099_00109_46675_4889.N1	02-FEB-2011 10:33:06	Dark	43.000	12	Alp1Cru	0.77500	30000.	86	46675	No
109	GOM_NL__2PRFIN20110202_103512_000000463099_00109_46675_4890.N1	02-FEB-2011 10:35:12	Dark	46.000	99	Del Cen	2.5750	26000.	92	46675	No
110	GOM_NL__2PRFIN20110202_103851_000000523099_00109_46675_4891.N1	02-FEB-2011 10:38:51	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	46675	No
111	GOM_NL__2PRFIN20110202_104309_000000493099_00109_46675_4892.N1	02-FEB-2011 10:43:09	Dark	49.000	65	Lam Vel	2.2040	4400.0	98	46675	No
112	GOM_NL__2PRFIN20110202_105359_000000603099_00109_46675_4893.N1	02-FEB-2011 10:53:59	Straylight	59.500	48	30Alp Hya	1.9770	4100.0	119	46675	No
113	GOM_NL__2PRFIN20110202_105811_000000483099_00109_46675_4894.N1	02-FEB-2011 10:58:11	Twilight	47.500	8	10Alp CMi	0.40000	6500.0	95	46675	No
114	GOM_NL__2PRFIN20110202_110446_000000403099_00109_46675_4895.N1	02-FEB-2011 11:04:46	Bright	39.500	17	78Bet Gem	1.1610	4500.0	79	46675	No
115	GOM_NL__2PRFIN20110202_111921_000000463099_00109_46675_4896.N1	02-FEB-2011 11:19:21	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	46675	No
116	GOM_NL__2PRFIN20110202_112458_000000413099_00109_46675_4897.N1	02-FEB-2011 11:24:58	Bright	40.500	60	7Bet UMi	2.0810	3950.0	81	46675	No
117	GOM_NL__2PRFIN20110202_112942_000000393099_00109_46675_4898.N1	02-FEB-2011 11:29:42	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46675	No
118	GOM_NL__2PRFIN20110202_113256_000000383099_00109_46675_4899.N1	02-FEB-2011 11:32:56	Bright	38.000	130	23Bet Dra	2.7990	5800.0	76	46675	No
119	GOM_NL__2PRFIN20110202_113938_000000643099_00109_46675_4900.N1	02-FEB-2011 11:39:38	Bright	64.000	133	40Zet Her	2.8070	6000.0	128	46675	No
120	GOM_NL__2PRFIN20110202_114319_000000683099_00109_46675_4901.N1	02-FEB-2011 11:43:19	Bright	68.000	127	27Bet Her	2.7810	4700.0	136	46675	No
121	GOM_NL__2PRFIN20110202_114700_000000553099_00109_46675_4902.N1	02-FEB-2011 11:47:00	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46675	No
122	GOM_NL__2PRFIN20110202_115332_000000473099_00109_46675_4903.N1	02-FEB-2011 11:53:32	Twilight	46.500	86	35Eta Oph	2.4300	10200.	93	46675	No
123	GOM_NL__2PRFIN20110202_115755_000000533099_00109_46675_4904.N1	02-FEB-2011 11:57:55	Dark	53.000	16	21Alp Sco	1.0200	3000.0	106	46675	No
124	GOM_NL__2PRFIN20110202_115922_000000473099_00109_46675_4905.N1	02-FEB-2011 11:59:22	Dark	46.500	158	6Pi Sco	2.9060	28000.	93	46675	No
125	GOM_NL__2PRFIN20110202_120343_000000443099_00109_46675_4906.N1	02-FEB-2011 12:03:43	Dark	44.000	131	Gam Lup	2.8000	26000.	88	46675	No
126	GOM_NL__2PRFIN20110202_120559_000000463099_00110_46676_4911.N1	02-FEB-2011 12:05:59	Dark	45.500	109	Bet Lup	2.6770	26000.	91	46676	No
127	GOM_NL__2PRFIN20110202_120847_000000423099_00110_46676_4912.N1	02-FEB-2011 12:08:47	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	46676	No
128	GOM_NL__2PRFIN20110202_121000_000000423099_00110_46676_4913.N1	02-FEB-2011 12:10:00	Dark	41.500	10	Bet Cen	0.61000	28000.	83	46676	No
129	GOM_NL__2PRFIN20110202_121321_000000413099_00110_46676_4914.N1	02-FEB-2011 12:13:21	Dark	40.500	12	Alp1Cru	0.77500	30000.	81	46676	No
130	GOM_NL__2PRFIN20110202_121905_000000423099_00110_46676_4915.N1	02-FEB-2011 12:19:05	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	46676	No
131	GOM_NL__2PRFIN20110202_122323_000000473099_00110_46676_4916.N1	02-FEB-2011 12:23:23	Dark	46.500	65	Lam Vel	2.2040	4400.0	93	46676	No
132	GOM_NL__2PRFIN20110202_123413_000000573099_00110_46676_4917.N1	02-FEB-2011 12:34:13	Straylight	57.000	48	30Alp Hya	1.9770	4100.0	114	46676	No
133	GOM_NL__2PRFIN20110202_123825_000000473099_00110_46676_4918.N1	02-FEB-2011 12:38:25	Twilight	47.000	8	10Alp CMi	0.40000	6500.0	94	46676	No
134	GOM_NL__2PRFIN20110202_124500_000000413099_00110_46676_4919.N1	02-FEB-2011 12:45:00	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	46676	No
135	GOM_NL__2PRFIN20110202_125934_000000463099_00110_46676_4920.N1	02-FEB-2011 12:59:34	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	46676	No
136	GOM_NL__2PRFIN20110202_130512_000000383099_00110_46676_4921.N1	02-FEB-2011 13:05:12	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	46676	No
137	GOM_NL__2PRFIN20110202_130956_000000403099_00110_46676_4922.N1	02-FEB-2011 13:09:56	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46676	No
138	GOM_NL__2PRFIN20110202_131310_000000393099_00110_46676_4923.N1	02-FEB-2011 13:13:10	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	46676	No
139	GOM_NL__2PRFIN20110202_131952_000000643099_00110_46676_4924.N1	02-FEB-2011 13:19:52	Bright	64.000	133	40Zet Her	2.8070	6000.0	128	46676	No
140	GOM_NL__2PRFIN20110202_132334_000000683099_00110_46676_4925.N1	02-FEB-2011 13:23:34	Bright	68.000	127	27Bet Her	2.7810	4700.0	136	46676	No
141	GOM_NL__2PRFIN20110202_132714_000000553099_00110_46676_4926.N1	02-FEB-2011 13:27:14	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46676	No
142	GOM_NL__2PRFIN20110202_133347_000000423099_00110_46676_4927.N1	02-FEB-2011 13:33:47	Twilight	41.500	86	35Eta Oph	2.4300	10200.	83	46676	No
143	GOM_NL__2PRFIN20110202_133809_000000583099_00110_46676_4928.N1	02-FEB-2011 13:38:09	Dark	57.500	16	21Alp Sco	1.0200	3000.0	115	46676	No
144	GOM_NL__2PRFIN20110202_133937_000000483099_00110_46676_4929.N1	02-FEB-2011 13:39:37	Dark	47.500	158	6Pi Sco	2.9060	28000.	95	46676	No
145	GOM_NL__2PRFIN20110202_134358_000000443099_00110_46676_4930.N1	02-FEB-2011 13:43:58	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46676	No
146	GOM_NL__2PRFIN20110202_134614_000000473099_00111_46677_4933.N1	02-FEB-2011 13:46:14	Dark	46.500	109	Bet Lup	2.6770	26000.	93	46677	No
147	GOM_NL__2PRFIN20110202_134901_000000423099_00111_46677_4934.N1	02-FEB-2011 13:49:01	Dark	42.000	4	Alp1Cen	-0.010000	5800.0	84	46677	No
148	GOM_NL__2PRFIN20110202_135014_000000433099_00111_46677_4935.N1	02-FEB-2011 13:50:14	Dark	42.500	10	Bet Cen	0.61000	28000.	85	46677	No
149	GOM_NL__2PRFIN20110202_135336_000000423099_00111_46677_4936.N1	02-FEB-2011 13:53:36	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	46677	No
150	GOM_NL__2PRFIN20110202_135920_000000523099_00111_46677_4937.N1	02-FEB-2011 13:59:20	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	46677	No
151	GOM_NL__2PRFIN20110202_140338_000000553099_00111_46677_4938.N1	02-FEB-2011 14:03:38	Straylight	54.500	65	Lam Vel	2.2040	4400.0	109	46677	No
152	GOM_NL__2PRFIN20110202_141427_000000603099_00111_46677_4939.N1	02-FEB-2011 14:14:27	Straylight	59.500	48	30Alp Hya	1.9770	4100.0	119	46677	No
153	GOM_NL__2PRFIN20110202_141839_000000533099_00111_46677_4940.N1	02-FEB-2011 14:18:39	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	46677	No
154	GOM_NL__2PRFIN20110202_142514_000000413099_00111_46677_4941.N1	02-FEB-2011 14:25:14	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46677	No
155	GOM_NL__2PRFIN20110202_143948_000000463099_00111_46677_4942.N1	02-FEB-2011 14:39:48	Bright	45.500	36	50Alp UMa	1.8000	6300.0	91	46677	No
156	GOM_NL__2PRFIN20110202_144526_000000403099_00111_46677_4943.N1	02-FEB-2011 14:45:26	Bright	40.000	60	7Bet UMi	2.0810	3950.0	80	46677	No
157	GOM_NL__2PRFIN20110202_145009_000000403099_00111_46677_4944.N1	02-FEB-2011 14:50:09	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46677	No
158	GOM_NL__2PRFIN20110202_145324_000000393099_00111_46677_4945.N1	02-FEB-2011 14:53:24	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	46677	No
159	GOM_NL__2PRFIN20110202_150006_000000643099_00111_46677_4946.N1	02-FEB-2011 15:00:06	Bright	64.000	133	40Zet Her	2.8070	6000.0	128	46677	No
160	GOM_NL__2PRFIN20110202_150348_000000683099_00111_46677_4947.N1	02-FEB-2011 15:03:48	Bright	68.000	127	27Bet Her	2.7810	4700.0	136	46677	No

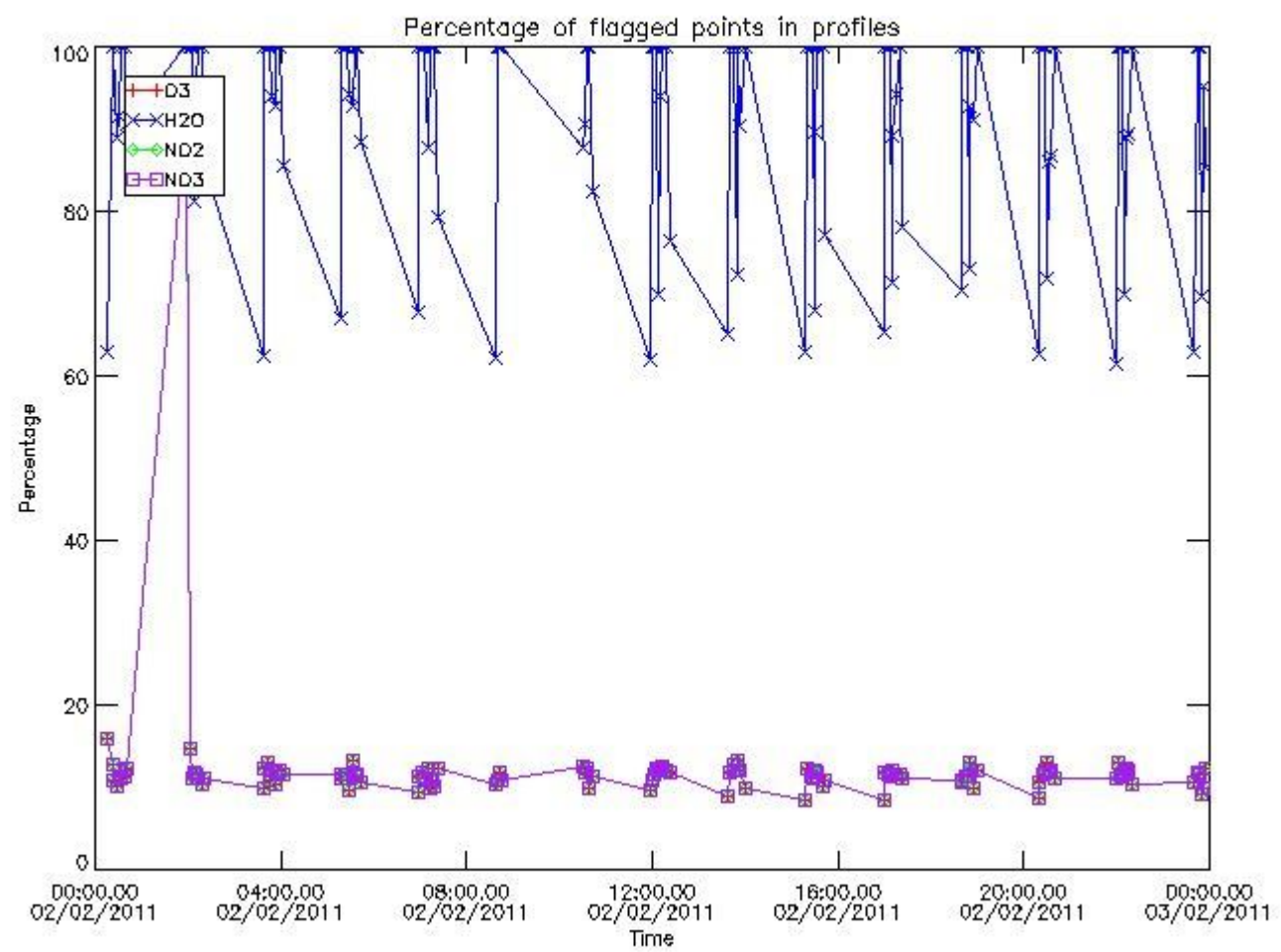
161	GOM_NL__2PRFIN20110202_150729_000000553099_00111_46677_4948.N1	02-FEB-2011 15:07:29	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46677	No
162	GOM_NL__2PRFIN20110202_151401_000000473099_00111_46677_4949.N1	02-FEB-2011 15:14:01	Twilight	47.000	86	35Eta Oph	2.4300	10200.	94	46677	No
163	GOM_NL__2PRFIN20110202_151824_000000613099_00111_46677_4950.N1	02-FEB-2011 15:18:24	Dark	61.000	16	21Alp Sco	1.0200	3000.0	122	46677	No
164	GOM_NL__2PRFIN20110202_151952_000000463099_00111_46677_4951.N1	02-FEB-2011 15:19:52	Dark	46.000	158	6Pi Sco	2.9060	28000.	92	46677	No
165	GOM_NL__2PRFIN20110202_152413_000000453099_00111_46677_4952.N1	02-FEB-2011 15:24:13	Dark	45.000	131	Gam Lup	2.8000	26000.	90	46677	No
166	GOM_NL__2PRFIN20110202_152628_000000463099_00112_46678_4964.N1	02-FEB-2011 15:26:28	Dark	46.000	109	Bet Lup	2.6770	26000.	92	46678	No
167	GOM_NL__2PRFIN20110202_152916_000000433099_00112_46678_4965.N1	02-FEB-2011 15:29:16	Dark	42.500	4	Alp1Cen	-0.010000	5800.0	85	46678	No
168	GOM_NL__2PRFIN20110202_153029_000000443099_00112_46678_4966.N1	02-FEB-2011 15:30:29	Dark	43.500	10	Bet Cen	0.61000	28000.	87	46678	No
169	GOM_NL__2PRFIN20110202_153350_000000443099_00112_46678_4967.N1	02-FEB-2011 15:33:50	Dark	43.500	12	Alp1Cru	0.77500	30000.	87	46678	No
170	GOM_NL__2PRFIN20110202_153934_000000503099_00112_46678_4968.N1	02-FEB-2011 15:39:34	Dark	50.000	113	Mu Vel	2.6920	5000.0	100	46678	No
171	GOM_NL__2PRFIN20110202_154352_000000463099_00112_46678_4969.N1	02-FEB-2011 15:43:52	Dark	46.000	65	Lam Vel	2.2040	4400.0	92	46678	No
172	GOM_NL__2PRFIN20110202_155441_000000623099_00112_46678_4970.N1	02-FEB-2011 15:54:41	Straylight	61.500	48	30Alp Hya	1.9770	4100.0	123	46678	No
173	GOM_NL__2PRFIN20110202_155853_000000533099_00112_46678_4971.N1	02-FEB-2011 15:58:53	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	46678	No
174	GOM_NL__2PRFIN20110202_160528_000000413099_00112_46678_4972.N1	02-FEB-2011 16:05:28	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	46678	No
175	GOM_NL__2PRFIN20110202_162001_000000463099_00112_46678_4973.N1	02-FEB-2011 16:20:01	Bright	46.000	36	50Alp UMa	1.8000	6300.0	92	46678	No
176	GOM_NL__2PRFIN20110202_162540_000000423099_00112_46678_4974.N1	02-FEB-2011 16:25:40	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	46678	No
177	GOM_NL__2PRFIN20110202_163023_000000403099_00112_46678_4975.N1	02-FEB-2011 16:30:23	Bright	40.000	119	14Eta Dra	2.7270	4700.0	80	46678	No
178	GOM_NL__2PRFIN20110202_163338_000000393099_00112_46678_4976.N1	02-FEB-2011 16:33:38	Bright	39.000	130	23Bet Dra	2.7990	5800.0	78	46678	No
179	GOM_NL__2PRFIN20110202_164021_000000433099_00112_46678_4977.N1	02-FEB-2011 16:40:21	Bright	42.500	133	40Zet Her	2.8070	6000.0	85	46678	No
180	GOM_NL__2PRFIN20110202_164403_000000693099_00112_46678_4978.N1	02-FEB-2011 16:44:03	Bright	69.000	127	27Bet Her	2.7810	4700.0	138	46678	No
181	GOM_NL__2PRFIN20110202_164743_000000553099_00112_46678_4979.N1	02-FEB-2011 16:47:43	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46678	No
182	GOM_NL__2PRFIN20110202_165416_000000463099_00112_46678_4980.N1	02-FEB-2011 16:54:16	Twilight	45.500	86	35Eta Oph	2.4300	10200.	91	46678	No
183	GOM_NL__2PRFIN20110202_165839_000000613099_00112_46678_4981.N1	02-FEB-2011 16:58:39	Dark	61.000	16	21Alp Sco	1.0200	3000.0	122	46678	No
184	GOM_NL__2PRFIN20110202_170007_000000473099_00112_46678_4982.N1	02-FEB-2011 17:00:07	Dark	47.000	158	6Pi Sco	2.9060	28000.	94	46678	No
185	GOM_NL__2PRFIN20110202_170428_000000443099_00112_46678_4983.N1	02-FEB-2011 17:04:28	Dark	44.000	131	Gam Lup	2.8000	26000.	88	46678	No
186	GOM_NL__2PRFIN20110202_170644_000000453099_00113_46679_4995.N1	02-FEB-2011 17:06:44	Dark	45.000	109	Bet Lup	2.6770	26000.	90	46679	No
187	GOM_NL__2PRFIN20110202_170930_000000443099_00113_46679_4996.N1	02-FEB-2011 17:09:30	Dark	44.000	4	Alp1Cen	-0.010000	5800.0	88	46679	No
188	GOM_NL__2PRFIN20110202_171043_000000423099_00113_46679_4997.N1	02-FEB-2011 17:10:43	Dark	42.000	10	Bet Cen	0.61000	28000.	84	46679	No
189	GOM_NL__2PRFIN20110202_171405_000000453099_00113_46679_4998.N1	02-FEB-2011 17:14:05	Dark	44.500	12	Alp1Cru	0.77500	30000.	89	46679	No
190	GOM_NL__2PRFIN20110202_171949_000000453099_00113_46679_4999.N1	02-FEB-2011 17:19:49	Dark	44.500	113	Mu Vel	2.6920	5000.0	89	46679	No
191	GOM_NL__2PRFIN20110202_172406_000000463099_00113_46679_5000.N1	02-FEB-2011 17:24:06	Dark	45.500	65	Lam Vel	2.2040	4400.0	91	46679	No
192	GOM_NL__2PRFIN20110202_173455_000000583099_00113_46679_5001.N1	02-FEB-2011 17:34:55	Straylight	58.000	48	30Alp Hya	1.9770	4100.0	116	46679	No
193	GOM_NL__2PRFIN20110202_173907_000000533099_00113_46679_5002.N1	02-FEB-2011 17:39:07	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	46679	No
194	GOM_NL__2PRFIN20110202_174542_000000413099_00113_46679_5003.N1	02-FEB-2011 17:45:42	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46679	No
195	GOM_NL__2PRFIN20110202_180014_000000433099_00113_46679_5004.N1	02-FEB-2011 18:00:14	Bright	43.000	36	50Alp UMa	1.8000	6300.0	86	46679	No
196	GOM_NL__2PRFIN20110202_180553_000000433099_00113_46679_5005.N1	02-FEB-2011 18:05:53	Bright	42.500	60	7Bet UMi	2.0810	3950.0	85	46679	No
197	GOM_NL__2PRFIN20110202_181037_000000423099_00113_46679_5006.N1	02-FEB-2011 18:10:37	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	46679	No
198	GOM_NL__2PRFIN20110202_181352_000000553099_00113_46679_5007.N1	02-FEB-2011 18:13:52	Bright	55.000	130	23Bet Dra	2.7990	5800.0	110	46679	No
199	GOM_NL__2PRFIN20110202_182035_000000433099_00113_46679_5008.N1	02-FEB-2011 18:20:35	Bright	43.000	133	40Zet Her	2.8070	6000.0	86	46679	No
200	GOM_NL__2PRFIN20110202_182417_000000693099_00113_46679_5009.N1	02-FEB-2011 18:24:17	Bright	69.000	127	27Bet Her	2.7810	4700.0	138	46679	No
201	GOM_NL__2PRFIN20110202_182758_000000553099_00113_46679_5010.N1	02-FEB-2011 18:27:58	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46679	No
202	GOM_NL__2PRFIN20110202_183430_000000453099_00113_46679_5011.N1	02-FEB-2011 18:34:30	Twilight	44.500	86	35Eta Oph	2.4300	10200.	89	46679	No
203	GOM_NL__2PRFIN20110202_183853_000000613099_00113_46679_5012.N1	02-FEB-2011 18:38:53	Dark	61.000	16	21Alp Sco	1.0200	3000.0	122	46679	No
204	GOM_NL__2PRFIN20110202_184022_000000493099_00113_46679_5013.N1	02-FEB-2011 18:40:22	Dark	48.500	158	6Pi Sco	2.9060	28000.	97	46679	No
205	GOM_NL__2PRFIN20110202_184443_000000453099_00113_46679_5014.N1	02-FEB-2011 18:44:43	Dark	45.000	131	Gam Lup	2.8000	26000.	90	46679	No
206	GOM_NL__2PRFIN20110202_184659_000000453099_00114_46680_5220.N1	02-FEB-2011 18:46:59	Dark	45.000	109	Bet Lup	2.6770	26000.	90	46680	No
207	GOM_NL__2PRFIN20110202_184945_000000433099_00114_46680_5221.N1	02-FEB-2011 18:49:45	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	46680	No
208	GOM_NL__2PRFIN20110202_185058_000000423099_00114_46680_5222.N1	02-FEB-2011 18:50:58	Dark	41.500	10	Bet Cen	0.61000	28000.	83	46680	No
209	GOM_NL__2PRFIN20110202_185419_000000523099_00114_46680_5223.N1	02-FEB-2011 18:54:19	Dark	51.500	12	Alp1Cru	0.77500	30000.	103	46680	No
210	GOM_NL__2PRFIN20110202_190003_000000423099_00114_46680_5224.N1	02-FEB-2011 19:00:03	Dark	42.000	113	Mu Vel	2.6920	5000.0	84	46680	No
211	GOM_NL__2PRFIN20110202_190421_000000523099_00114_46680_5225.N1	02-FEB-2011 19:04:21	Straylight	52.000	65	Lam Vel	2.2040	4400.0	104	46680	No
212	GOM_NL__2PRFIN20110202_191509_000000593099_00114_46680_5226.N1	02-FEB-2011 19:15:09	Straylight	58.500	48	30Alp Hya	1.9770	4100.0	117	46680	No
213	GOM_NL__2PRFIN20110202_191921_000000533099_00114_46680_5227.N1	02-FEB-2011 19:19:21	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	46680	No
214	GOM_NL__2PRFIN20110202_192556_000000413099_00114_46680_5228.N1	02-FEB-2011 19:25:56	Bright	40.500	17	78Bet Gem	1.1610	4500.0	81	46680	No
215	GOM_NL__2PRFIN20110202_194027_000000473099_00114_46680_5229.N1	02-FEB-2011 19:40:27	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46680	No
216	GOM_NL__2PRFIN20110202_194607_000000423099_00114_46680_5230.N1	02-FEB-2011 19:46:07	Bright	41.500	60	7Bet UMi	2.0810	3950.0	83	46680	No
217	GOM_NL__2PRFIN20110202_195051_000000413099_00114_46680_5231.N1	02-FEB-2011 19:50:51	Bright	41.000	119	14Eta Dra	2.7270	4700.0	82	46680	No
218	GOM_NL__2PRFIN20110202_195406_000000393099_00114_46680_5232.N1	02-FEB-2011 19:54:06	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	46680	No
219	GOM_NL__2PRFIN20110202_200049_000000643099_00114_46680_5233.N1	02-FEB-2011 20:00:49	Bright	64.000	133	40Zet Her	2.8070	6000.0	128	46680	No

220	GOM_NL__2PRFIN20110202_200431_000000523099_00114_46680_5234.N1	02-FEB-2011 20:04:31	Bright	52.000	127	27Bet Her	2.7810	4700.0	104	46680	No
221	GOM_NL__2PRFIN20110202_200812_000000553099_00114_46680_5235.N1	02-FEB-2011 20:08:12	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46680	No
222	GOM_NL__2PRFIN20110202_201445_000000463099_00114_46680_5236.N1	02-FEB-2011 20:14:45	Twilight	45.500	86	35Eta Oph	2.4300	10200.	91	46680	No
223	GOM_NL__2PRFIN20110202_201908_000000603099_00114_46680_5237.N1	02-FEB-2011 20:19:08	Dark	59.500	16	21Alp Sco	1.0200	3000.0	119	46680	No
224	GOM_NL__2PRFIN20110202_202037_000000493099_00114_46680_5238.N1	02-FEB-2011 20:20:37	Dark	48.500	158	6Pi Sco	2.9060	28000.	97	46680	No
225	GOM_NL__2PRFIN20110202_202457_000000443099_00114_46680_5239.N1	02-FEB-2011 20:24:57	Dark	44.000	131	Gam Lup	2.8000	26000.	88	46680	No
226	GOM_NL__2PRFIN20110202_202714_000000473099_00115_46681_5227.N1	02-FEB-2011 20:27:14	Dark	46.500	109	Bet Lup	2.6770	26000.	93	46681	No
227	GOM_NL__2PRFIN20110202_203000_000000433099_00115_46681_5228.N1	02-FEB-2011 20:30:00	Dark	43.000	4	Alp1Cen	-0.010000	5800.0	86	46681	No
228	GOM_NL__2PRFIN20110202_203113_000000443099_00115_46681_5229.N1	02-FEB-2011 20:31:13	Dark	43.500	10	Bet Cen	0.61000	28000.	87	46681	No
229	GOM_NL__2PRFIN20110202_203434_000000423099_00115_46681_5230.N1	02-FEB-2011 20:34:34	Dark	42.000	12	Alp1Cru	0.77500	30000.	84	46681	No
230	GOM_NL__2PRFIN20110202_204018_000000453099_00115_46681_5231.N1	02-FEB-2011 20:40:18	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46681	No
231	GOM_NL__2PRFIN20110202_204435_000000543099_00115_46681_5232.N1	02-FEB-2011 20:44:35	Straylight	54.000	65	Lam Vel	2.2040	4400.0	108	46681	No
232	GOM_NL__2PRFIN20110202_205523_000000623099_00115_46681_5233.N1	02-FEB-2011 20:55:23	Straylight	61.500	48	30Alp Hya	1.9770	4100.0	123	46681	No
233	GOM_NL__2PRFIN20110202_205935_000000533099_00115_46681_5234.N1	02-FEB-2011 20:59:35	Twilight	53.000	8	10Alp CMi	0.40000	6500.0	106	46681	No
234	GOM_NL__2PRFIN20110202_210610_000000413099_00115_46681_5235.N1	02-FEB-2011 21:06:10	Bright	41.000	17	78Bet Gem	1.1610	4500.0	82	46681	No
235	GOM_NL__2PRFIN20110202_212041_000000473099_00115_46681_5236.N1	02-FEB-2011 21:20:41	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46681	No
236	GOM_NL__2PRFIN20110202_212621_000000383099_00115_46681_5237.N1	02-FEB-2011 21:26:21	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	46681	No
237	GOM_NL__2PRFIN20110202_213105_000000423099_00115_46681_5238.N1	02-FEB-2011 21:31:05	Bright	41.500	119	14Eta Dra	2.7270	4700.0	83	46681	No
238	GOM_NL__2PRFIN20110202_213420_000000393099_00115_46681_5239.N1	02-FEB-2011 21:34:20	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	46681	No
239	GOM_NL__2PRFIN20110202_214103_000000643099_00115_46681_5240.N1	02-FEB-2011 21:41:03	Bright	64.000	133	40Zet Her	2.8070	6000.0	128	46681	No
240	GOM_NL__2PRFIN20110202_214446_000000493099_00115_46681_5241.N1	02-FEB-2011 21:44:46	Bright	48.500	127	27Bet Her	2.7810	4700.0	97	46681	No
241	GOM_NL__2PRFIN20110202_214826_000000553099_00115_46681_5242.N1	02-FEB-2011 21:48:26	Bright	54.500	126	60Bet Oph	2.7700	4250.0	109	46681	No
242	GOM_NL__2PRFIN20110202_215500_000000453099_00115_46681_5243.N1	02-FEB-2011 21:55:00	Twilight	45.000	86	35Eta Oph	2.4300	10200.	90	46681	No
243	GOM_NL__2PRFIN20110202_215923_000000513099_00115_46681_5244.N1	02-FEB-2011 21:59:23	Dark	51.000	16	21Alp Sco	1.0200	3000.0	102	46681	No
244	GOM_NL__2PRFIN20110202_220052_000000473099_00115_46681_5245.N1	02-FEB-2011 22:00:52	Dark	47.000	158	6Pi Sco	2.9060	28000.	94	46681	No
245	GOM_NL__2PRFIN20110202_220512_000000443099_00115_46681_5246.N1	02-FEB-2011 22:05:12	Dark	44.000	131	Gam Lup	2.8000	26000.	88	46681	No
246	GOM_NL__2PRFIN20110202_220728_000000453099_00116_46682_5233.N1	02-FEB-2011 22:07:28	Dark	45.000	109	Bet Lup	2.6770	26000.	90	46682	No
247	GOM_NL__2PRFIN20110202_221014_000000443099_00116_46682_5234.N1	02-FEB-2011 22:10:14	Dark	43.500	4	Alp1Cen	-0.010000	5800.0	87	46682	No
248	GOM_NL__2PRFIN20110202_221127_000000423099_00116_46682_5235.N1	02-FEB-2011 22:11:27	Dark	41.500	10	Bet Cen	0.61000	28000.	83	46682	No
249	GOM_NL__2PRFIN20110202_221448_000000433099_00116_46682_5236.N1	02-FEB-2011 22:14:48	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	46682	No
250	GOM_NL__2PRFIN20110202_222032_000000503099_00116_46682_5237.N1	02-FEB-2011 22:20:32	Dark	49.500	113	Mu Vel	2.6920	5000.0	99	46682	No
251	GOM_NL__2PRFIN20110202_222450_000000463099_00116_46682_5238.N1	02-FEB-2011 22:24:50	Straylight	46.000	65	Lam Vel	2.2040	4400.0	92	46682	No
252	GOM_NL__2PRFIN20110202_223537_000000593099_00116_46682_5239.N1	02-FEB-2011 22:35:37	Straylight	59.000	48	30Alp Hya	1.9770	4100.0	118	46682	No
253	GOM_NL__2PRFIN20110202_224624_000000423099_00116_46682_5240.N1	02-FEB-2011 22:46:24	Bright	42.000	17	78Bet Gem	1.1610	4500.0	84	46682	No
254	GOM_NL__2PRFIN20110202_230054_000000473099_00116_46682_5241.N1	02-FEB-2011 23:00:54	Bright	47.000	36	50Alp UMa	1.8000	6300.0	94	46682	No
255	GOM_NL__2PRFIN20110202_230635_000000363099_00116_46682_5242.N1	02-FEB-2011 23:06:35	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	46682	No
256	GOM_NL__2PRFIN20110202_231119_000000393099_00116_46682_5243.N1	02-FEB-2011 23:11:19	Bright	38.500	119	14Eta Dra	2.7270	4700.0	77	46682	No
257	GOM_NL__2PRFIN20110202_231434_000000393099_00116_46682_5244.N1	02-FEB-2011 23:14:34	Bright	38.500	130	23Bet Dra	2.7990	5800.0	77	46682	No
258	GOM_NL__2PRFIN20110202_232117_000000643099_00116_46682_5245.N1	02-FEB-2011 23:21:17	Bright	64.000	133	40Zet Her	2.8070	6000.0	128	46682	No
259	GOM_NL__2PRFIN20110202_232500_000000693099_00116_46682_5246.N1	02-FEB-2011 23:25:00	Bright	69.000	127	27Bet Her	2.7810	4700.0	138	46682	No
260	GOM_NL__2PRFIN20110202_232840_000000553099_00116_46682_5247.N1	02-FEB-2011 23:28:40	Bright	55.000	126	60Bet Oph	2.7700	4250.0	110	46682	No
261	GOM_NL__2PRFIN20110202_233514_000000443099_00116_46682_5248.N1	02-FEB-2011 23:35:14	Twilight	44.000	86	35Eta Oph	2.4300	10200.	88	46682	No
262	GOM_NL__2PRFIN20110202_233938_000000533099_00116_46682_5249.N1	02-FEB-2011 23:39:38	Dark	53.000	16	21Alp Sco	1.0200	3000.0	106	46682	No
263	GOM_NL__2PRFIN20110202_234527_000000443099_00116_46682_5250.N1	02-FEB-2011 23:45:27	Dark	43.500	131	Gam Lup	2.8000	26000.	87	46682	No
264	GOM_NL__2PRFIN20110202_234743_000000453099_00117_46683_5240.N1	02-FEB-2011 23:47:43	Dark	44.500	109	Bet Lup	2.6770	26000.	89	46683	No
265	GOM_NL__2PRFIN20110202_235029_000000553099_00117_46683_5241.N1	02-FEB-2011 23:50:29	Dark	55.000	4	Alp1Cen	-0.010000	5800.0	110	46683	No
266	GOM_NL__2PRFIN20110202_235142_000000523099_00117_46683_5242.N1	02-FEB-2011 23:51:42	Dark	51.500	10	Bet Cen	0.61000	28000.	103	46683	No
267	GOM_NL__2PRFIN20110202_235503_000000423099_00117_46683_5243.N1	02-FEB-2011 23:55:03	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	46683	No

3. Quality information per product

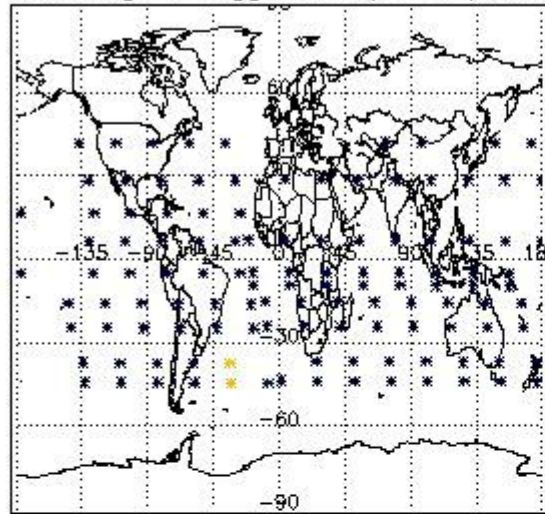
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

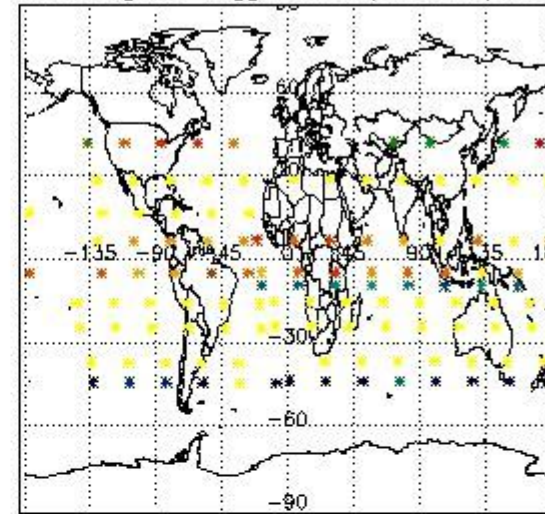


3.2 Plot quality information per product (world map)

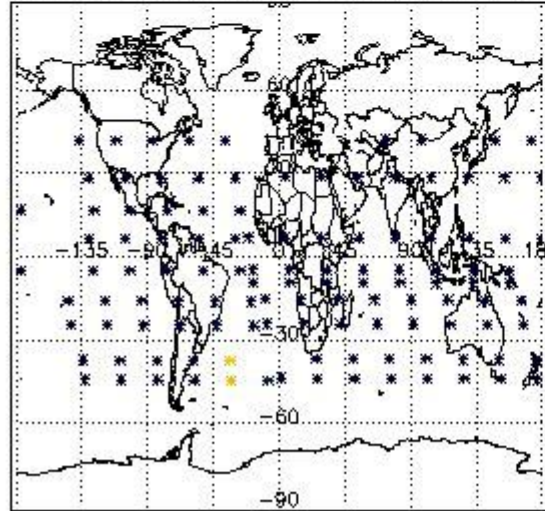
Percentage of flagged data per O3 profile



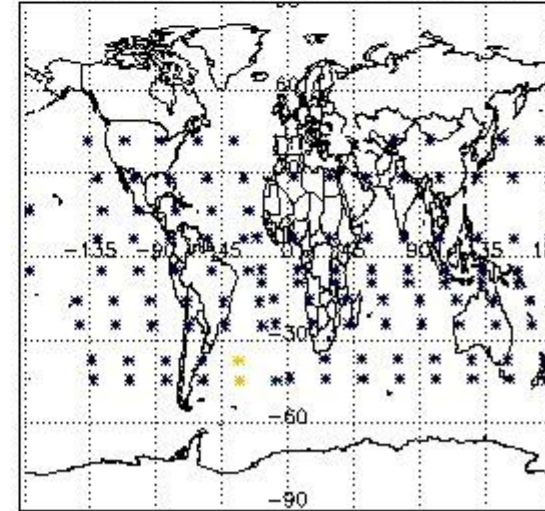
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

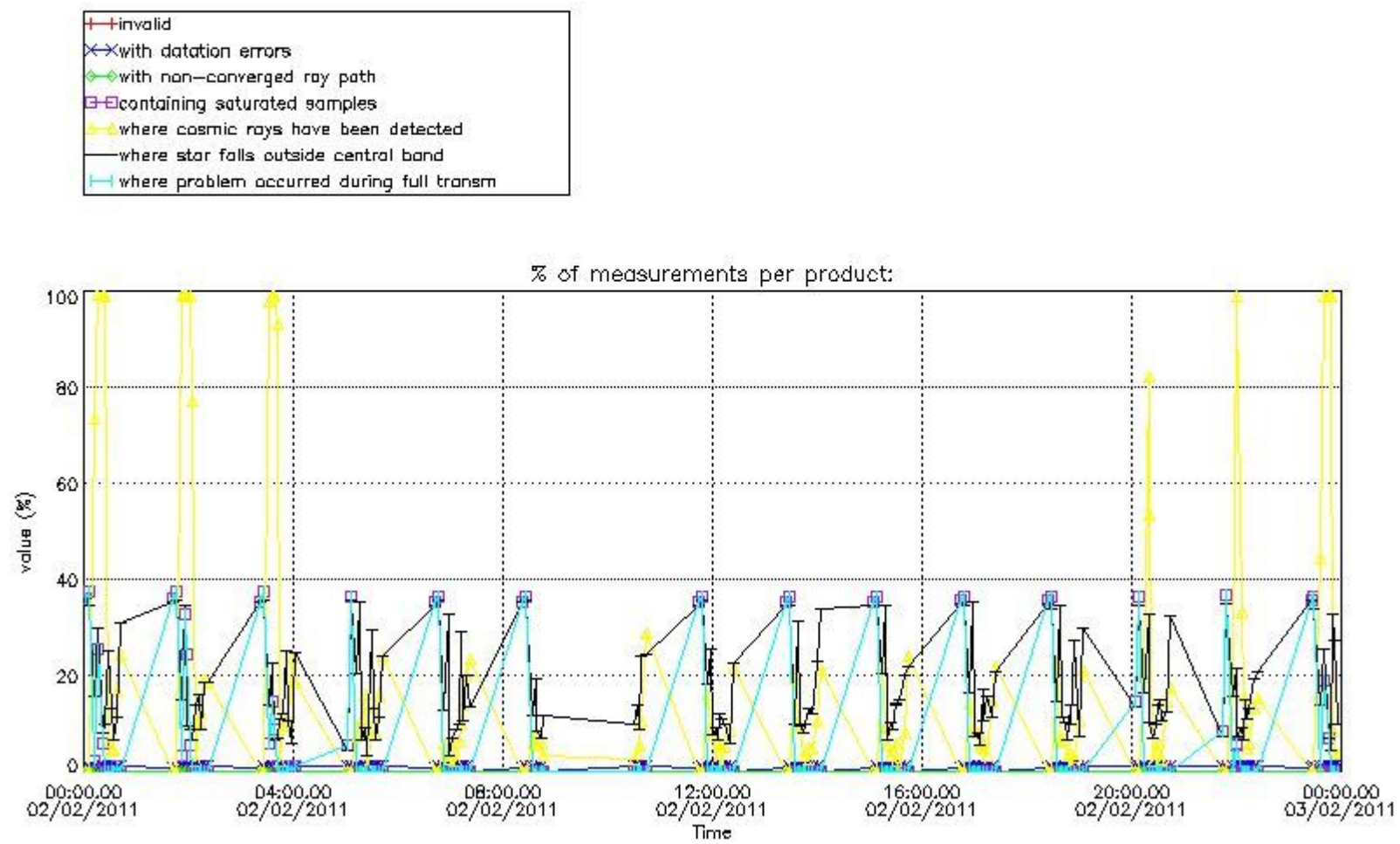


4. Level 1 quality information per product

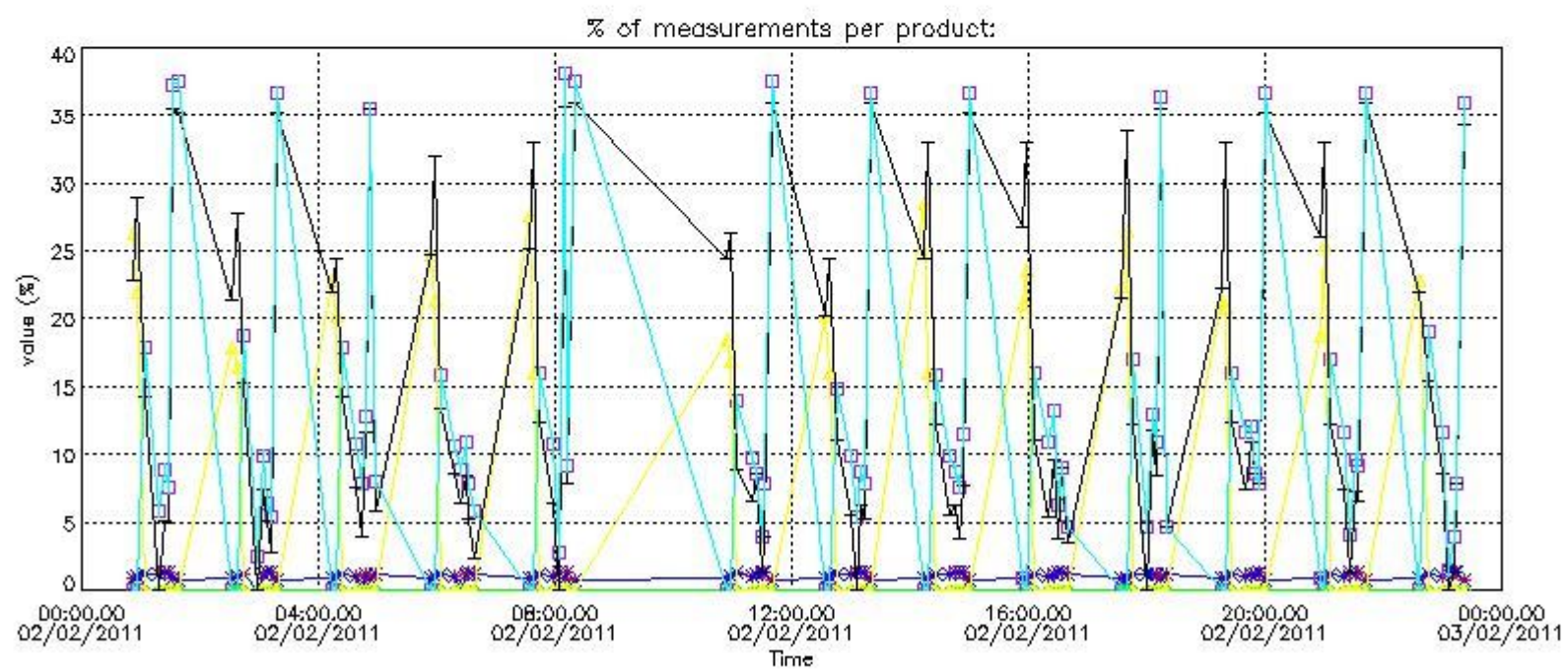
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



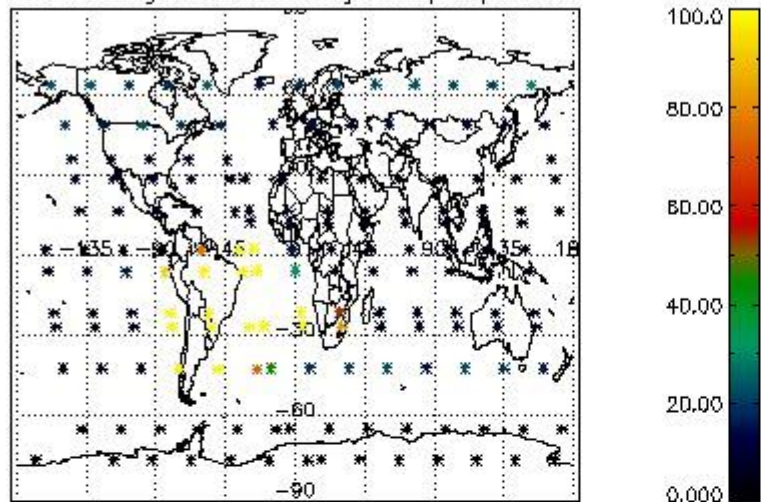
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



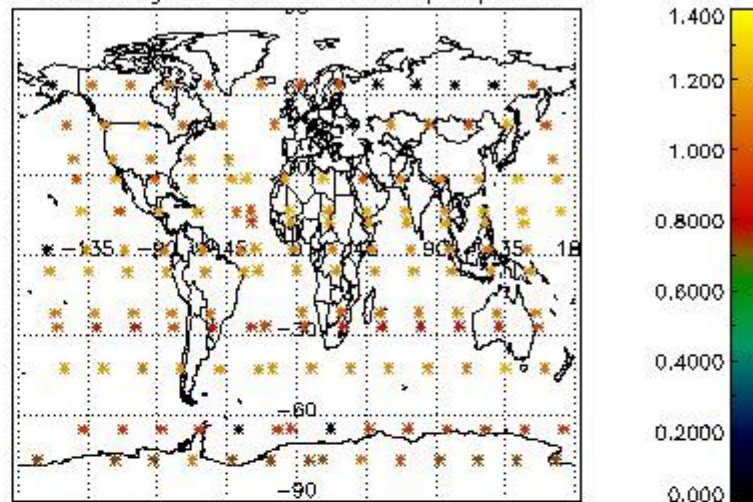
4.2 Plot quality information per product coming from level 1b processing (world map)

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

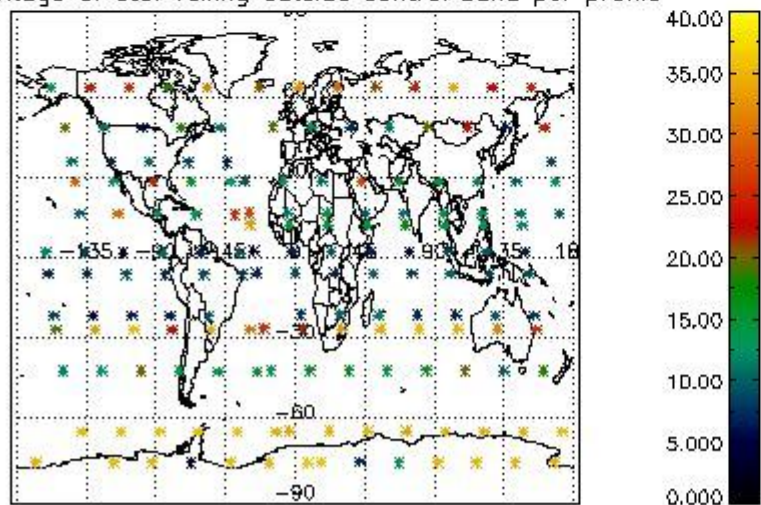
Percentage of cosmic ray hits per profile



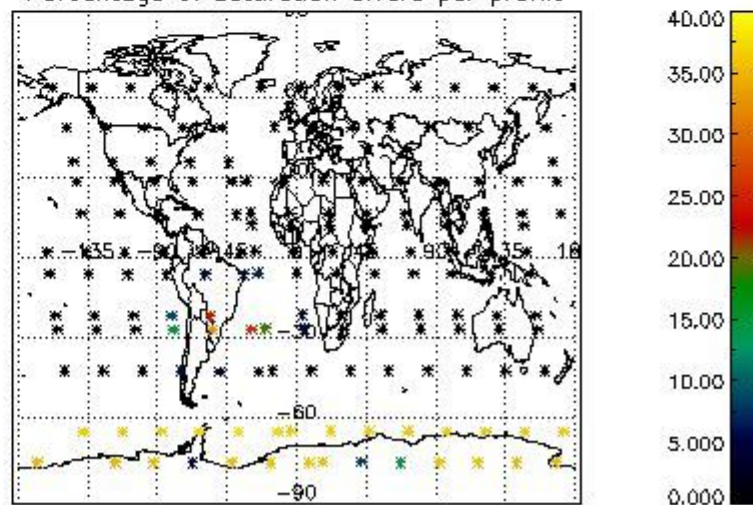
Percentage of datation errors per profile



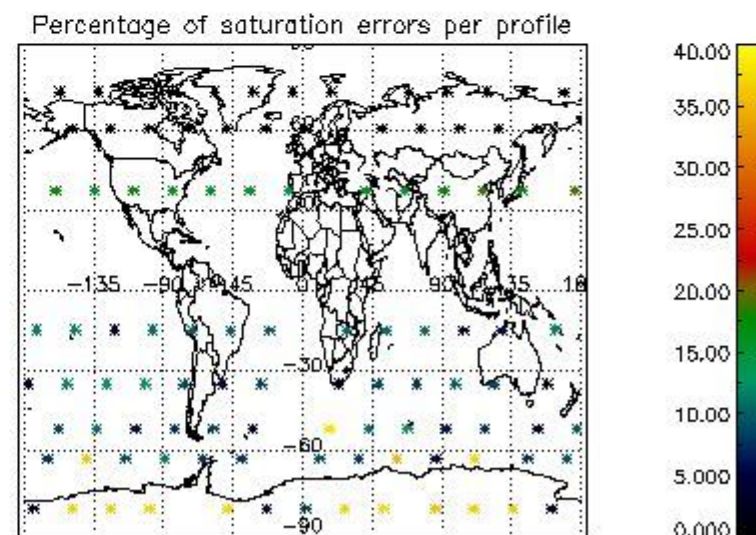
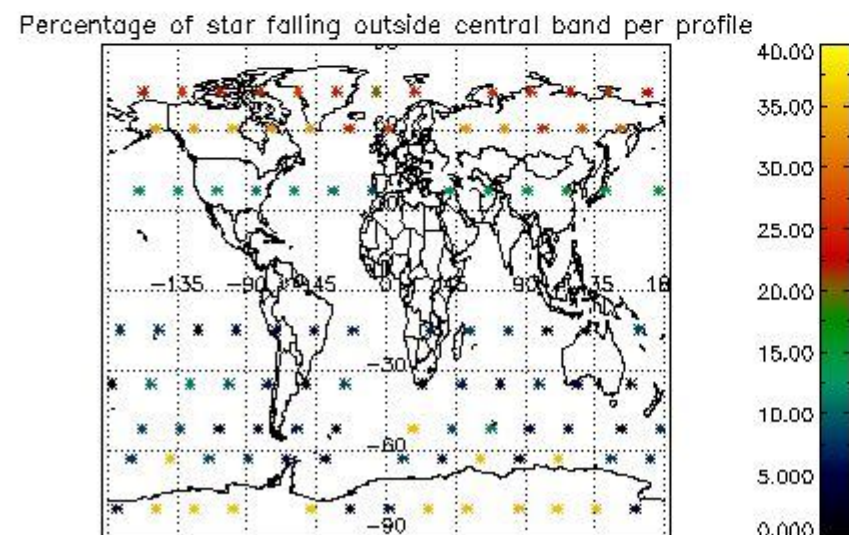
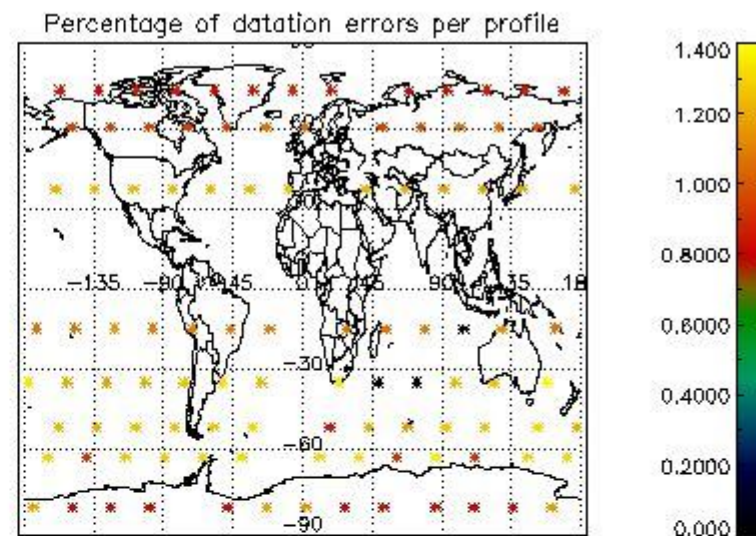
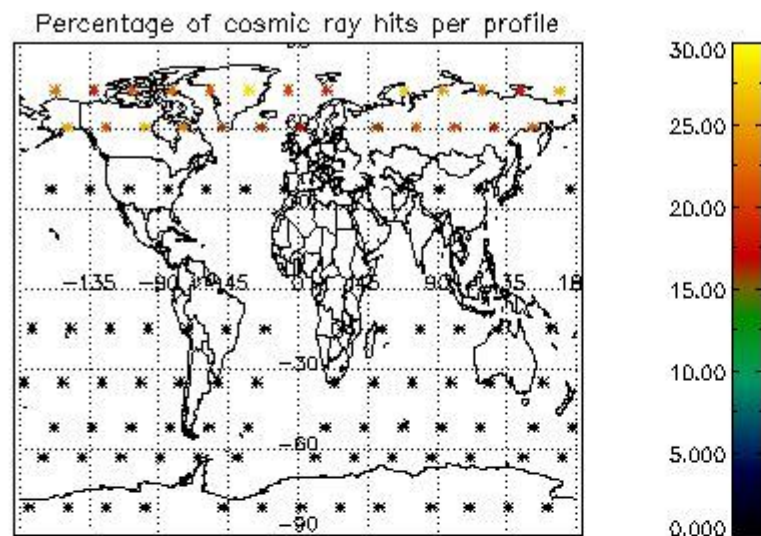
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

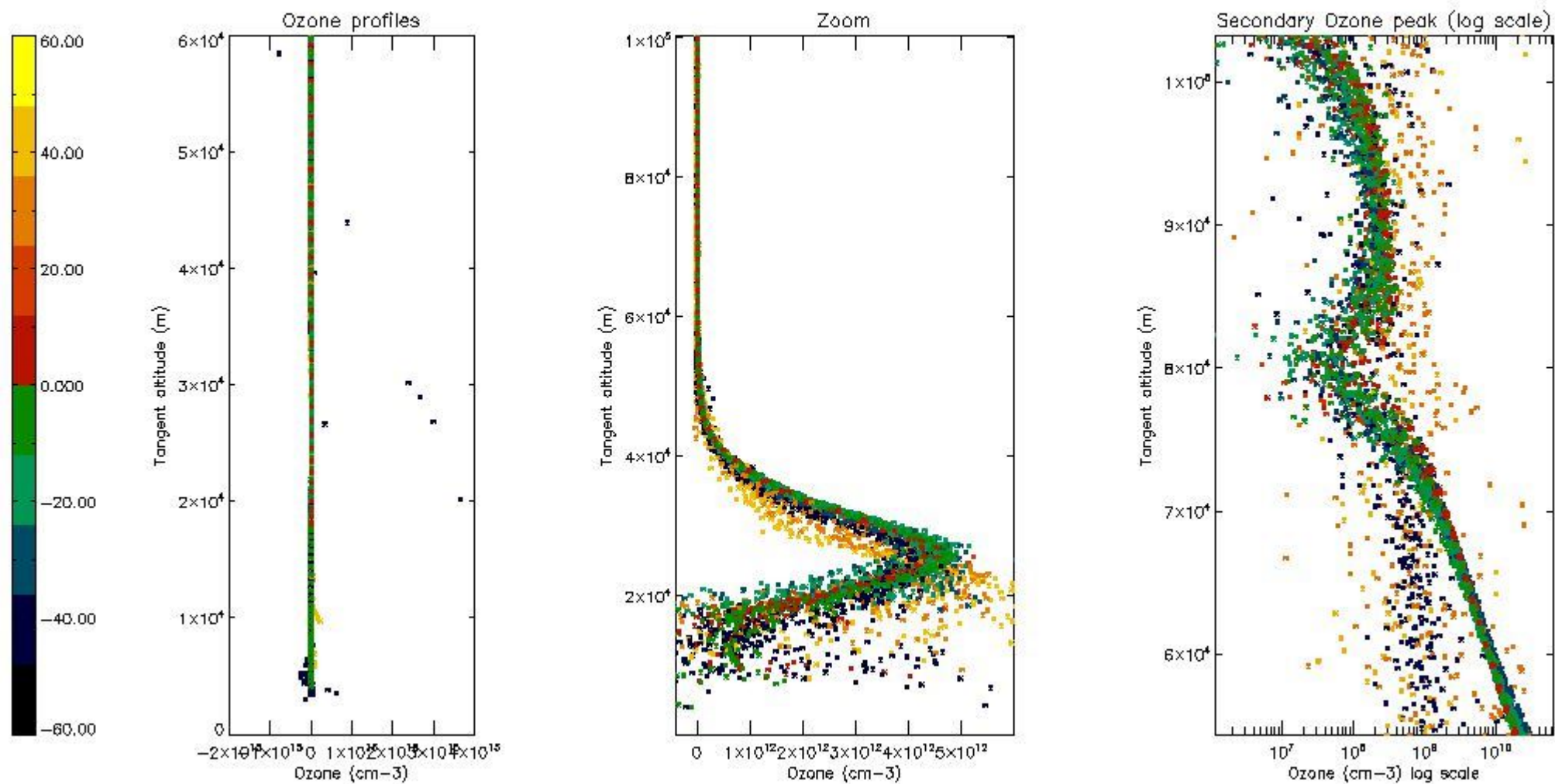
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	43
STD < 20	22

STD < 10	18
STD < 5	13

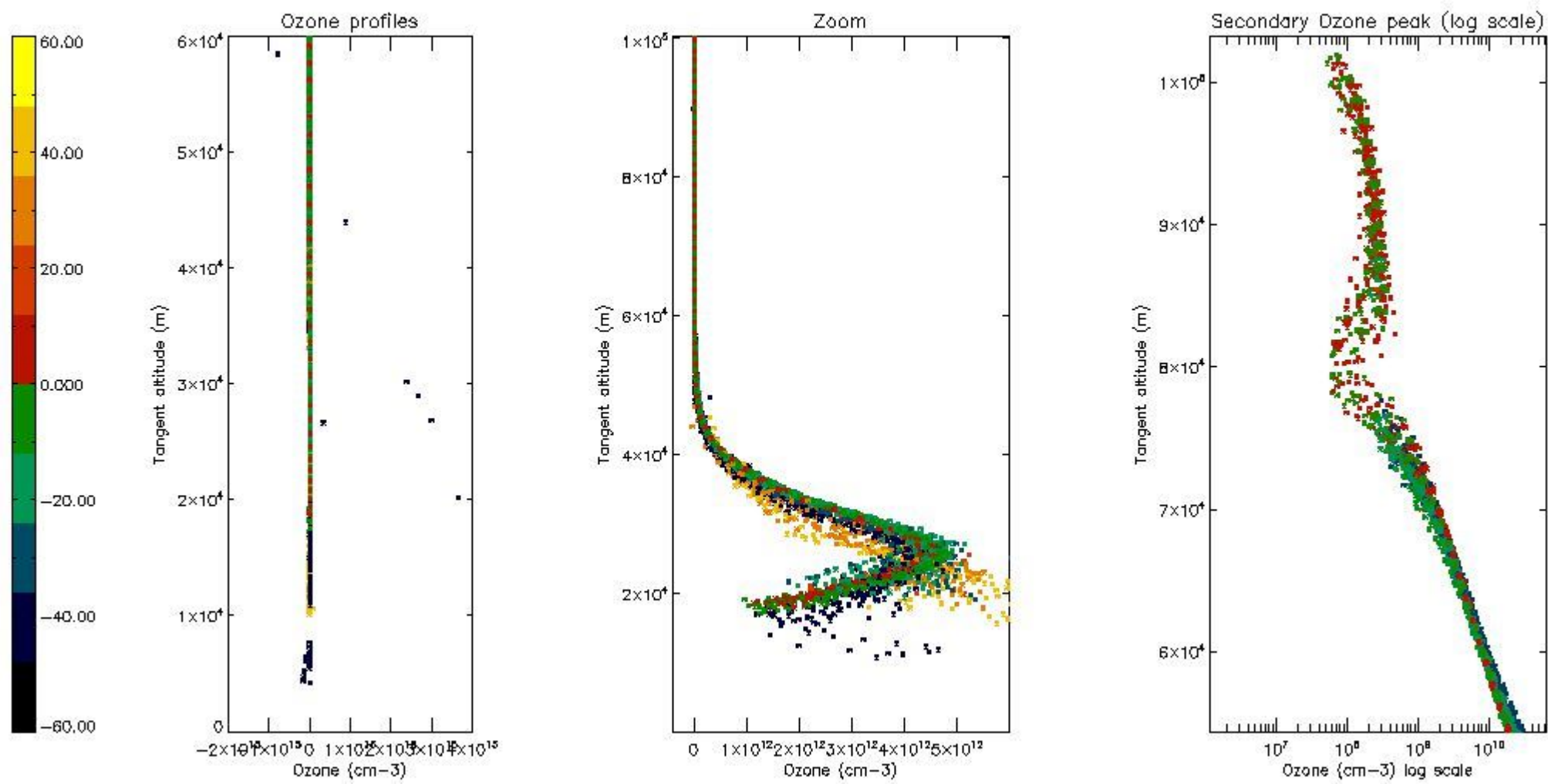
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



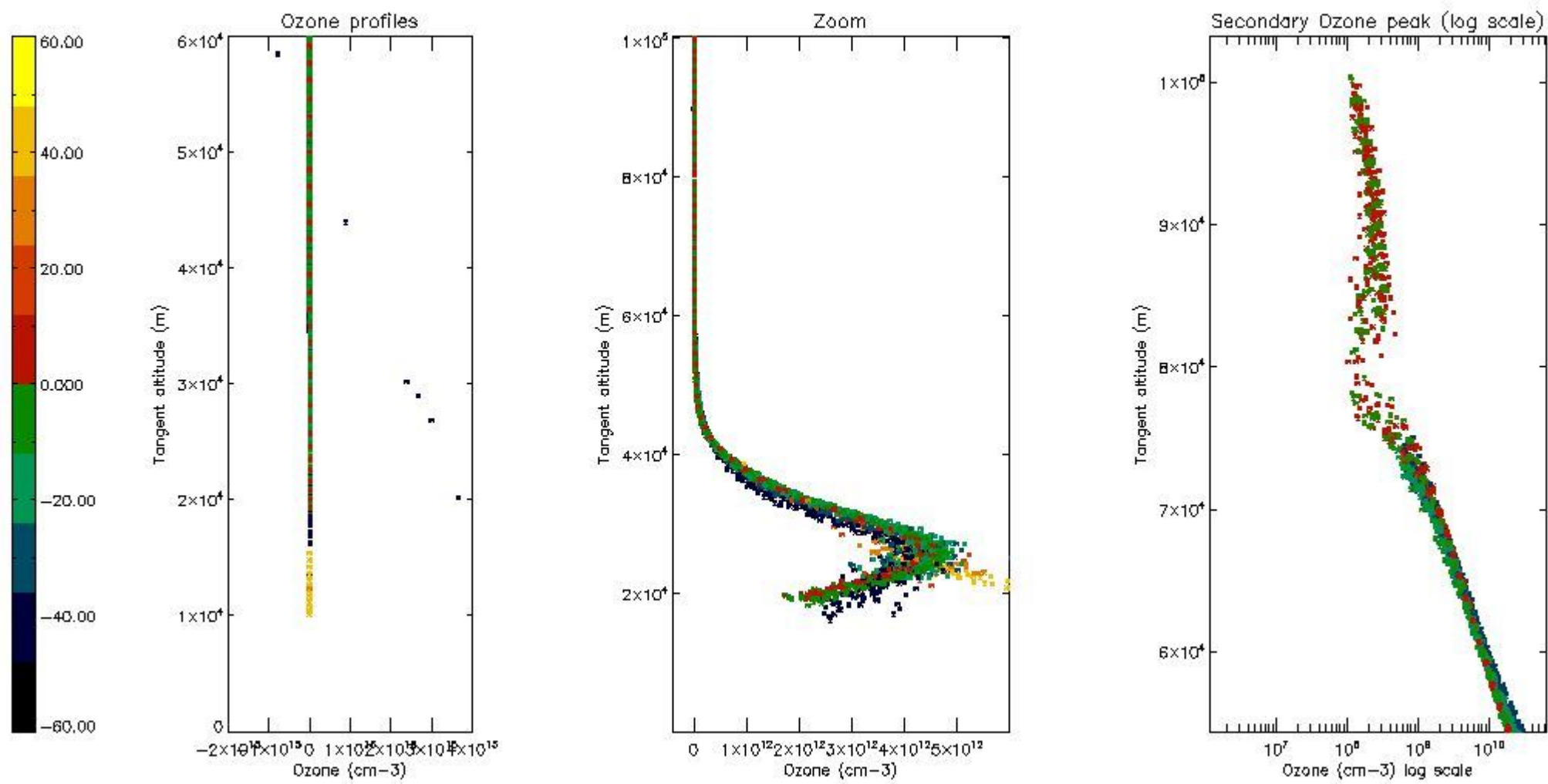
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



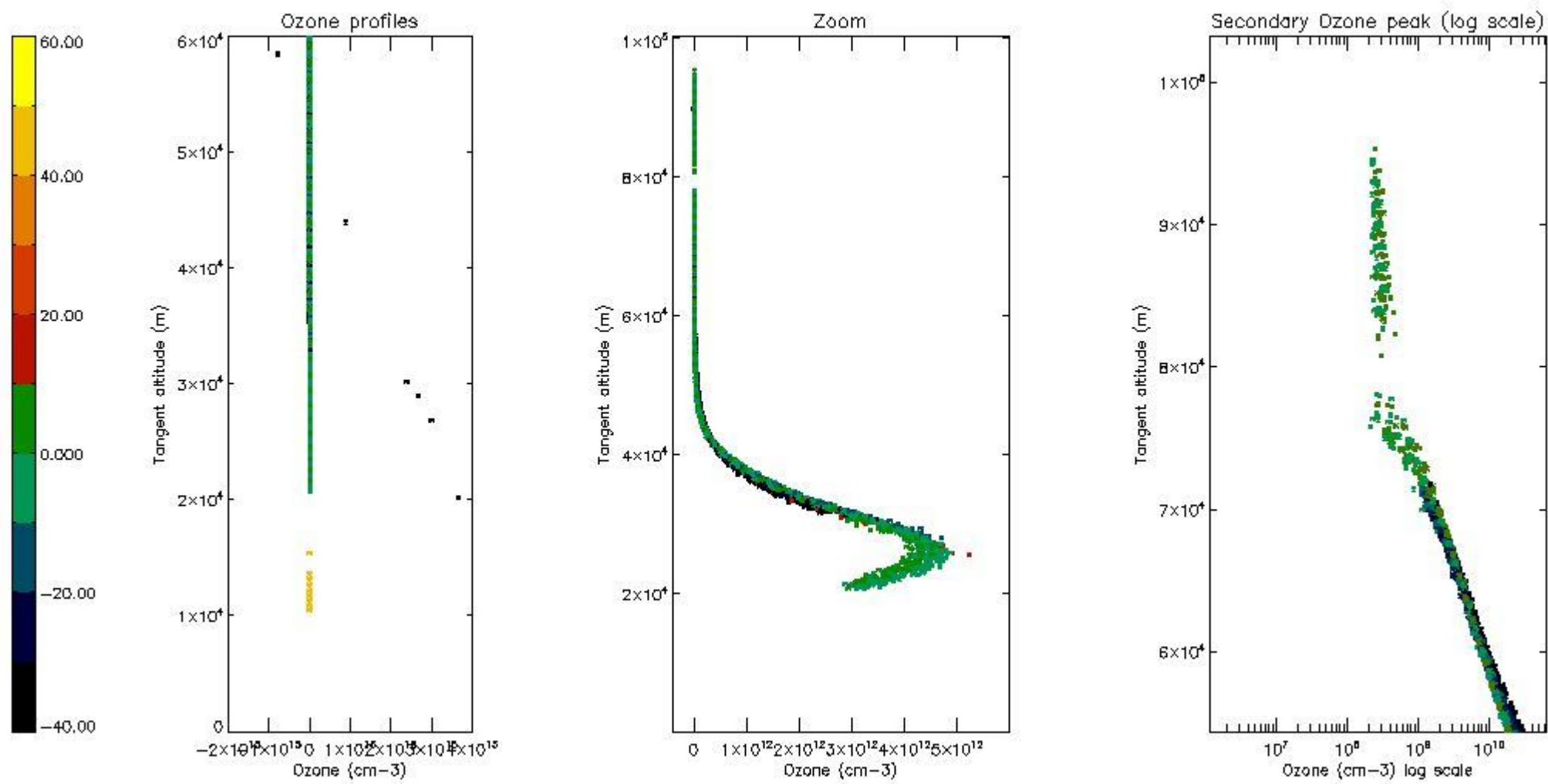
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



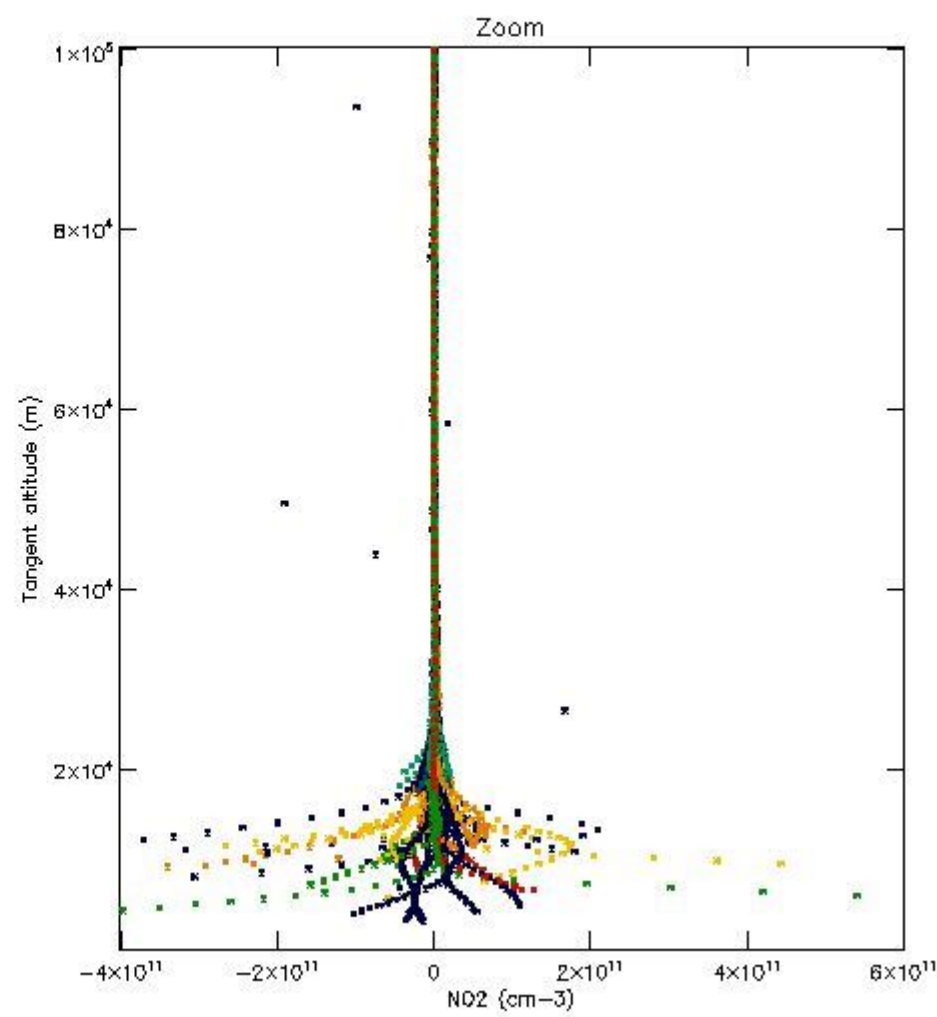
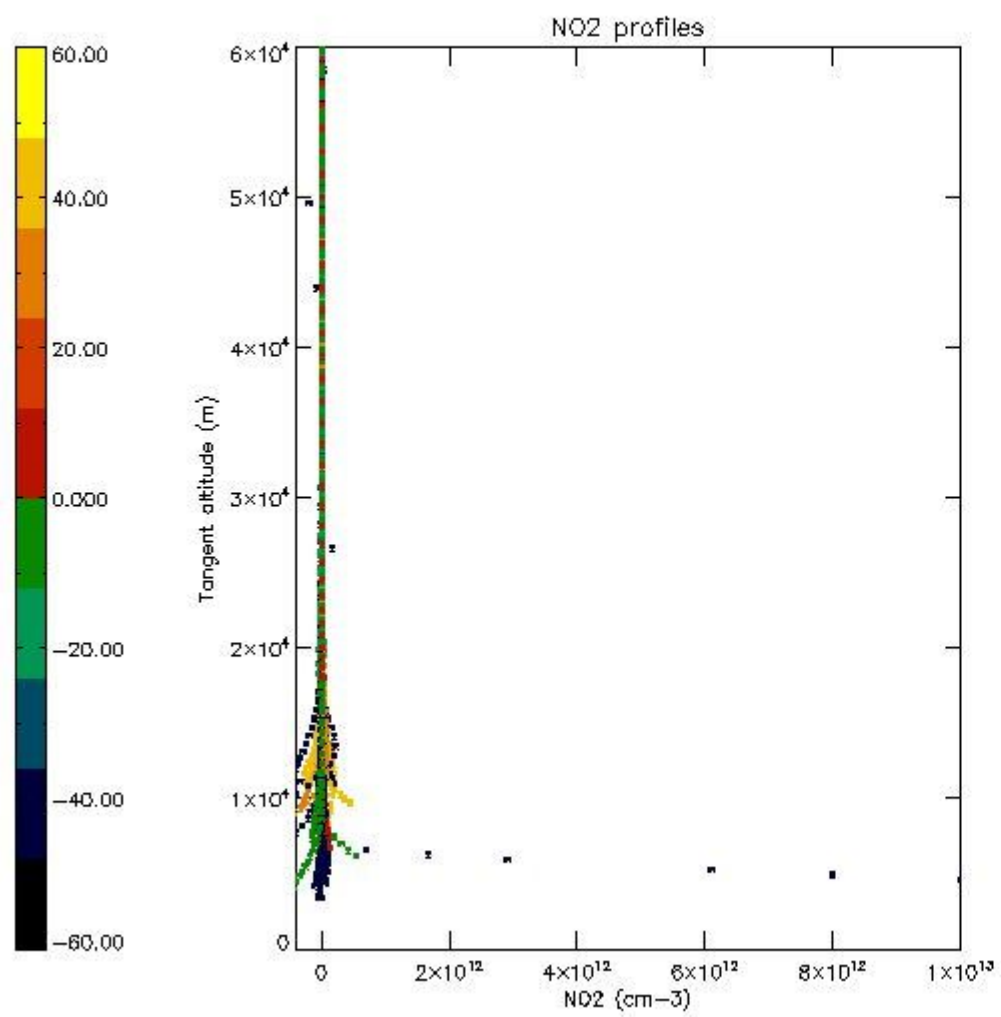
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



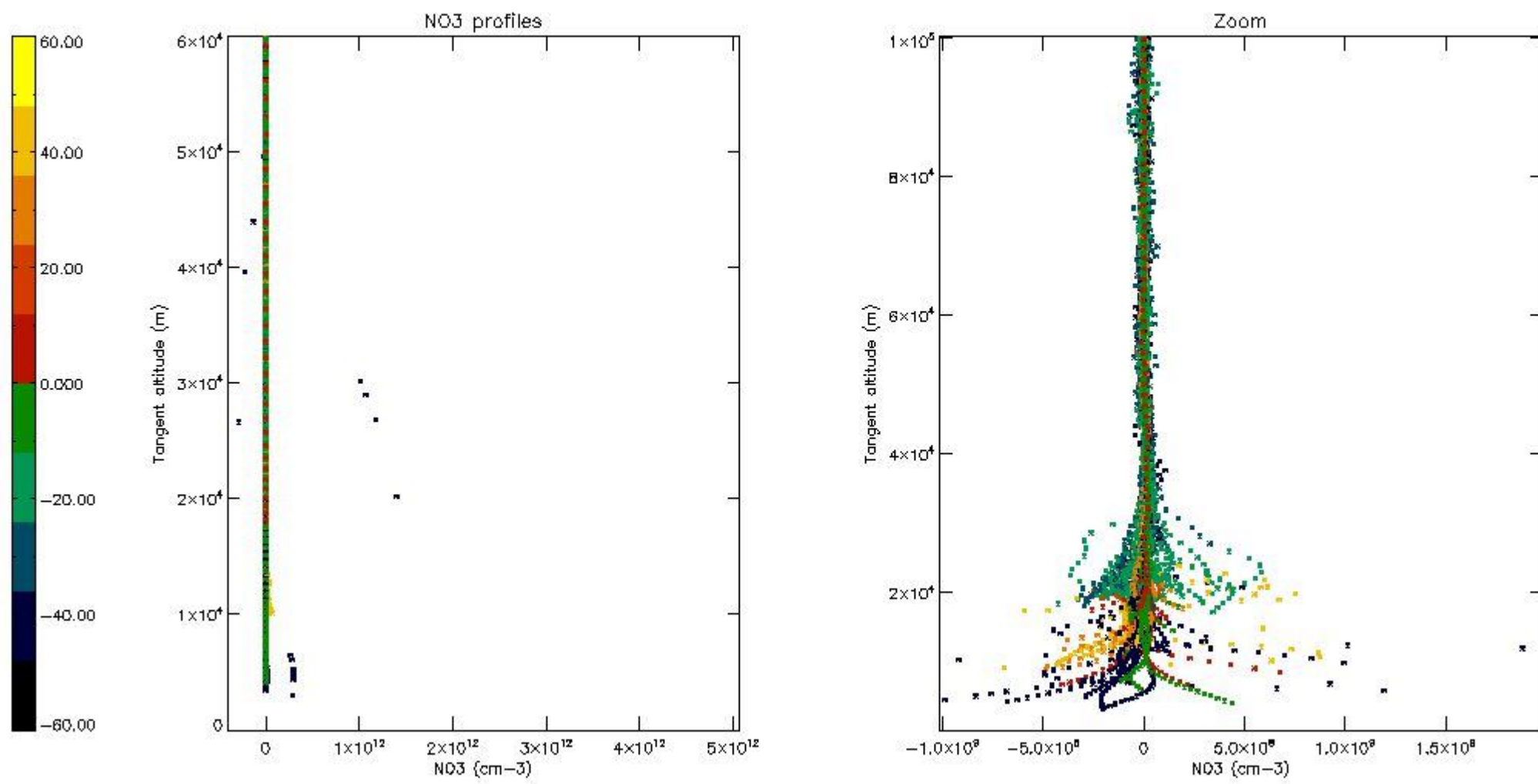
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



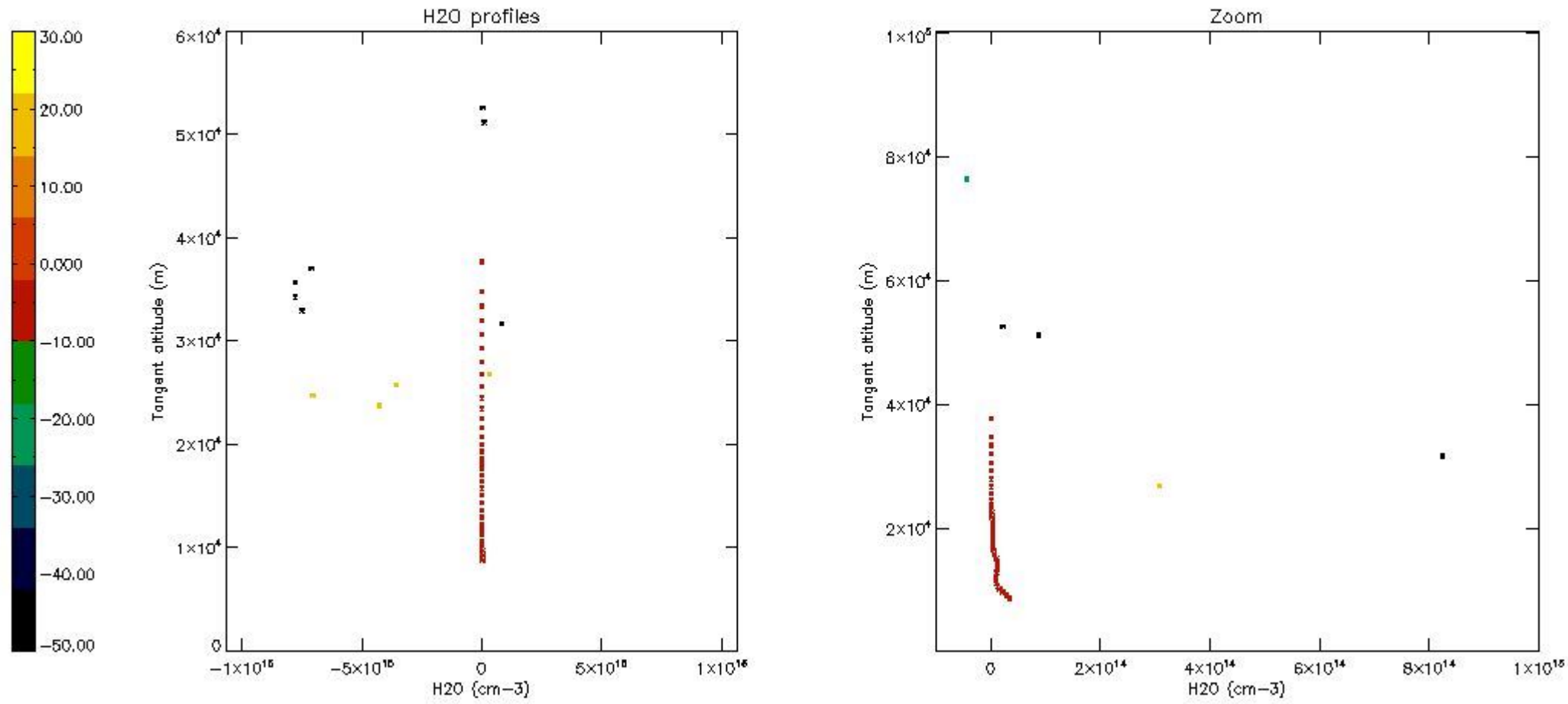
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

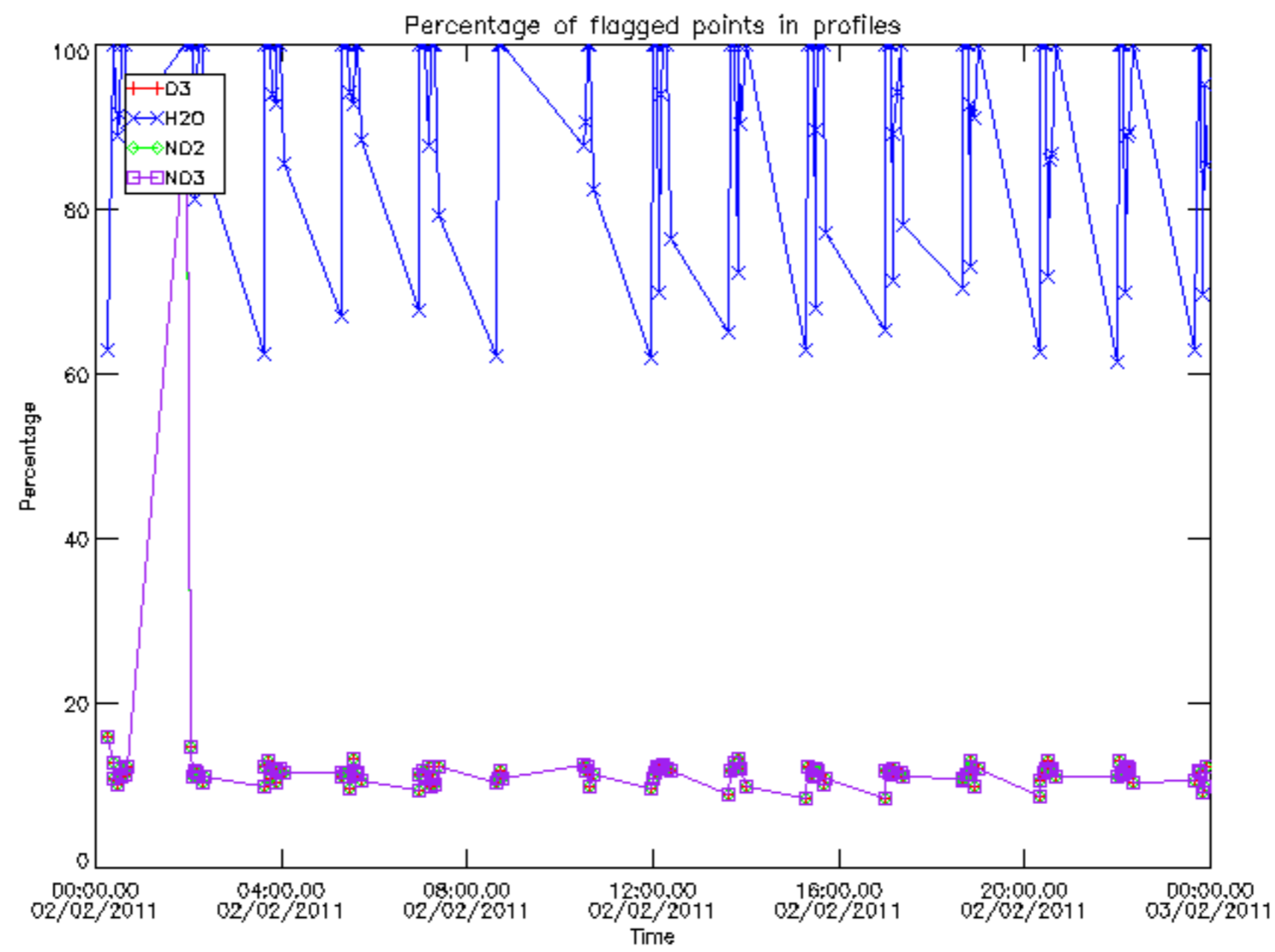
The colorbar represents the latitude.



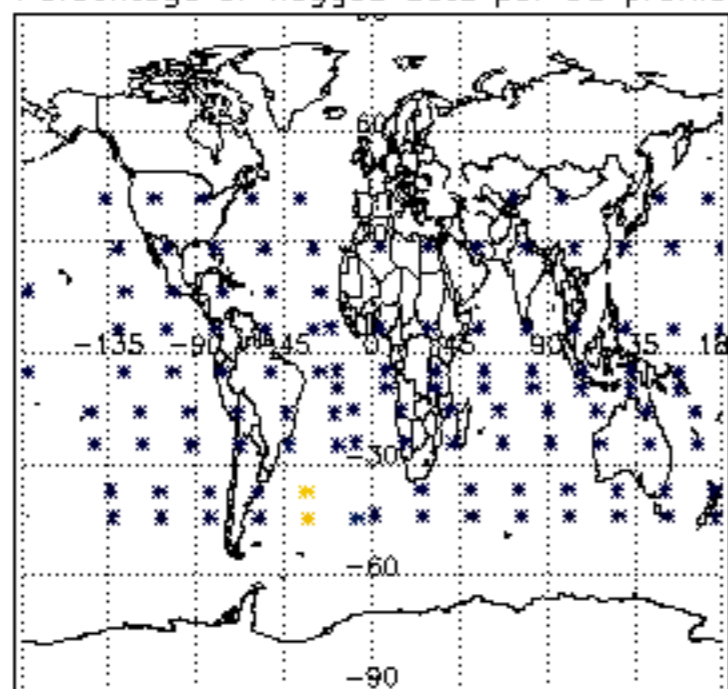
6. Auxiliary Data Files used for the production reported in section 2

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.

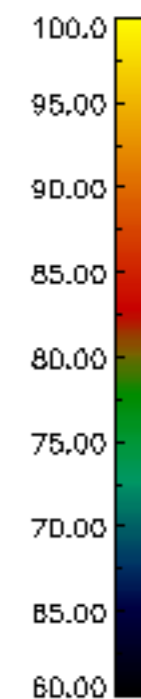
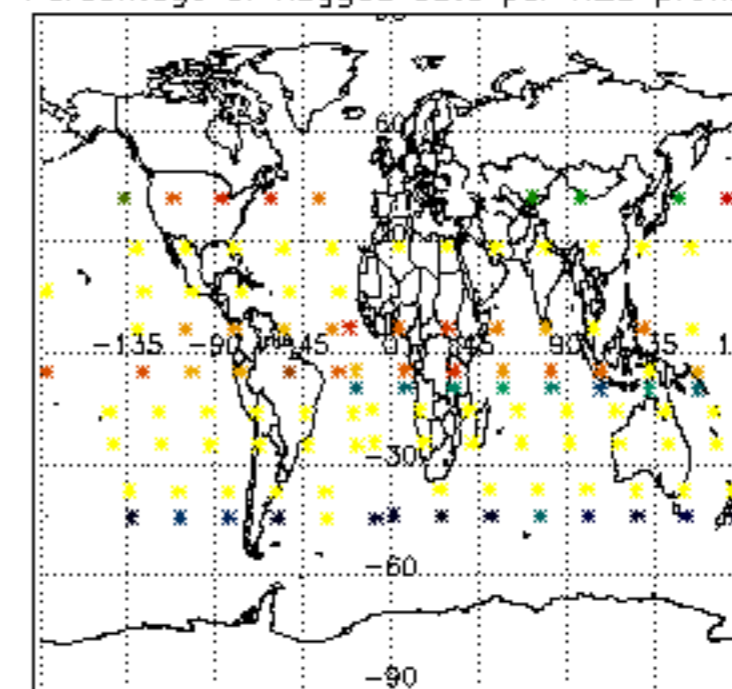
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	02-FEB-2011 00:01:39
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	02-FEB-2011 00:01:39
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	02-FEB-2011 00:01:39



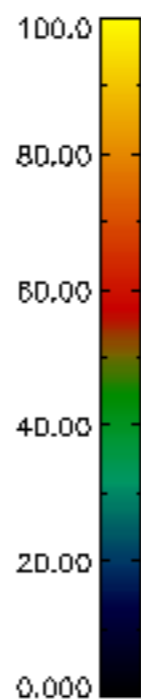
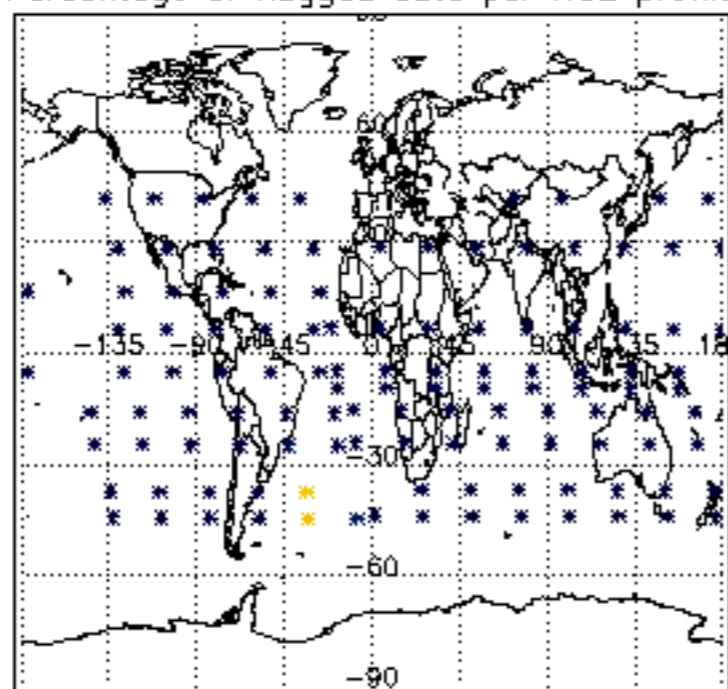
Percentage of flagged data per D3 profile



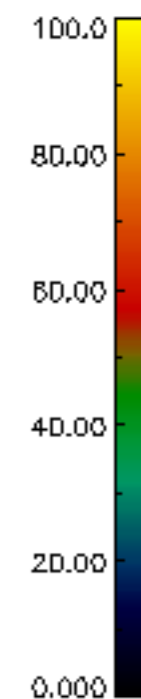
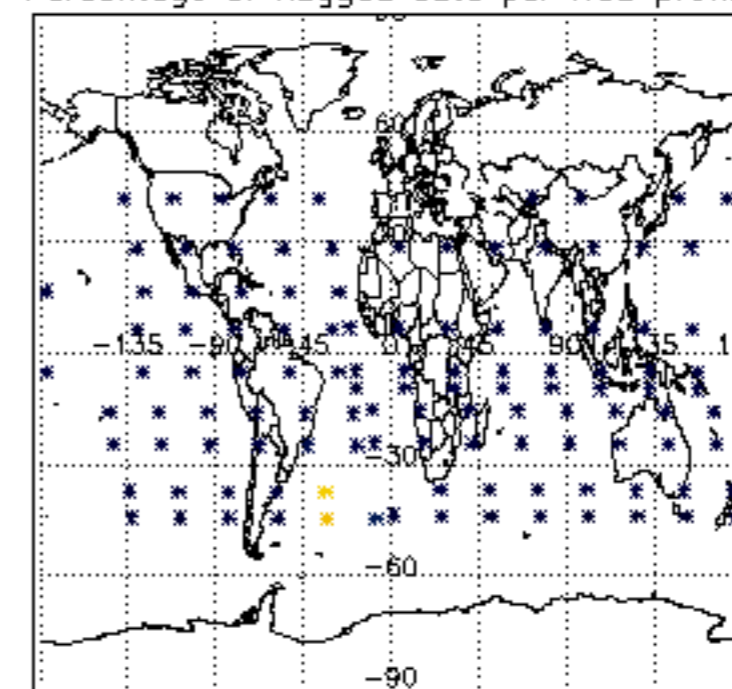
Percentage of flagged data per H2O profile

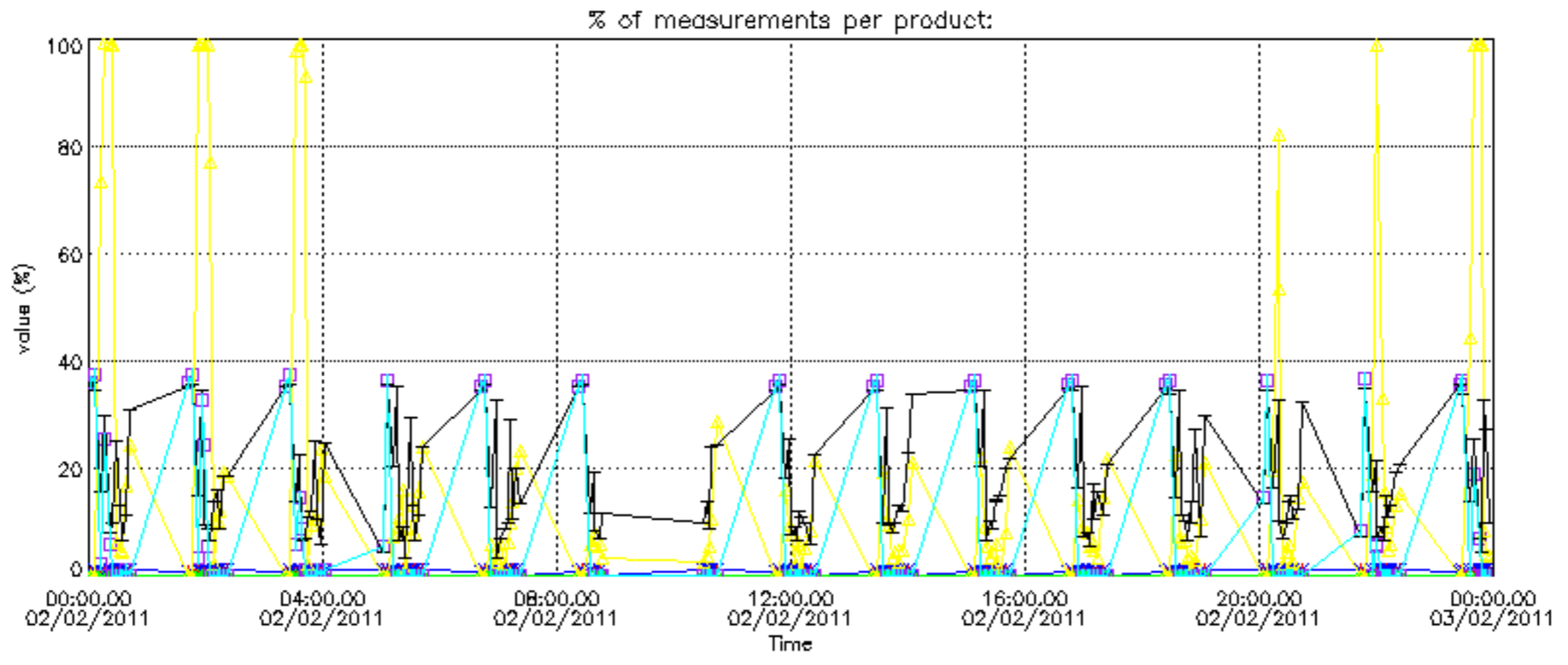


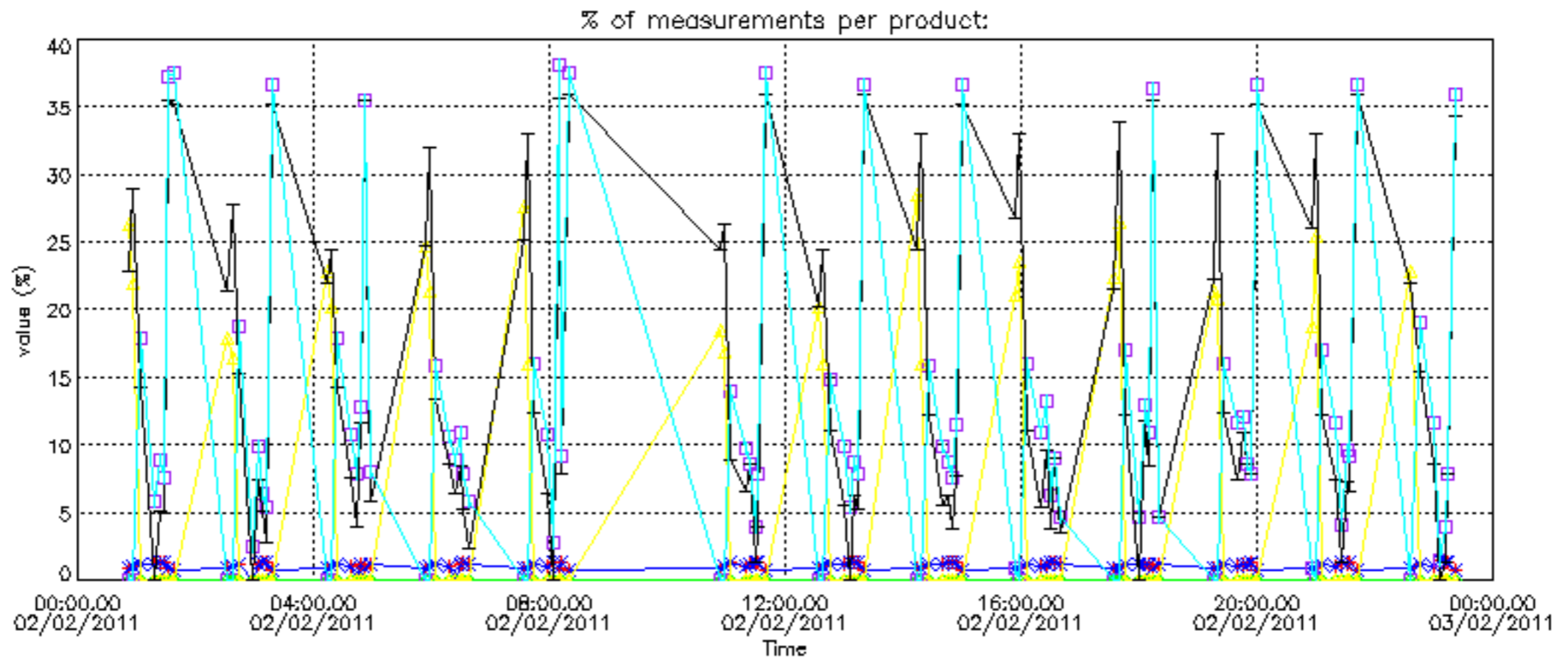
Percentage of flagged data per NO2 profile



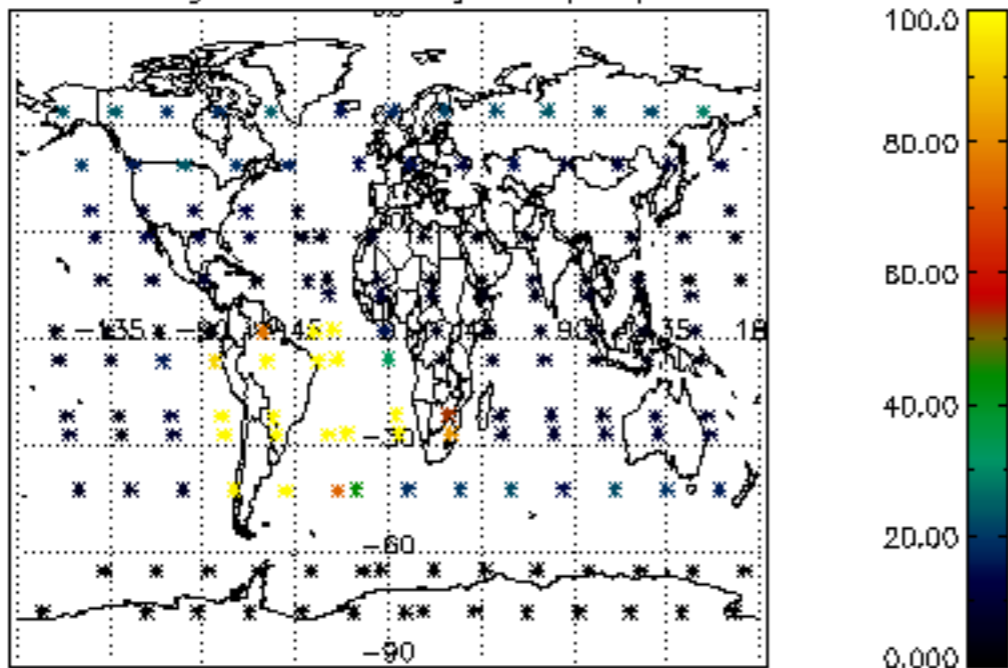
Percentage of flagged data per NO3 profile



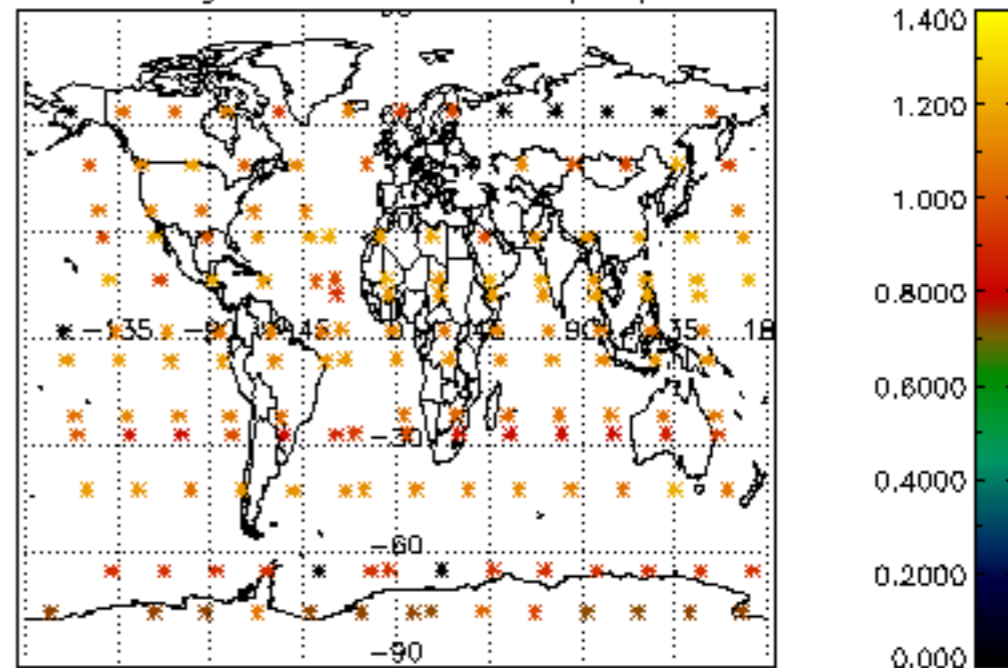




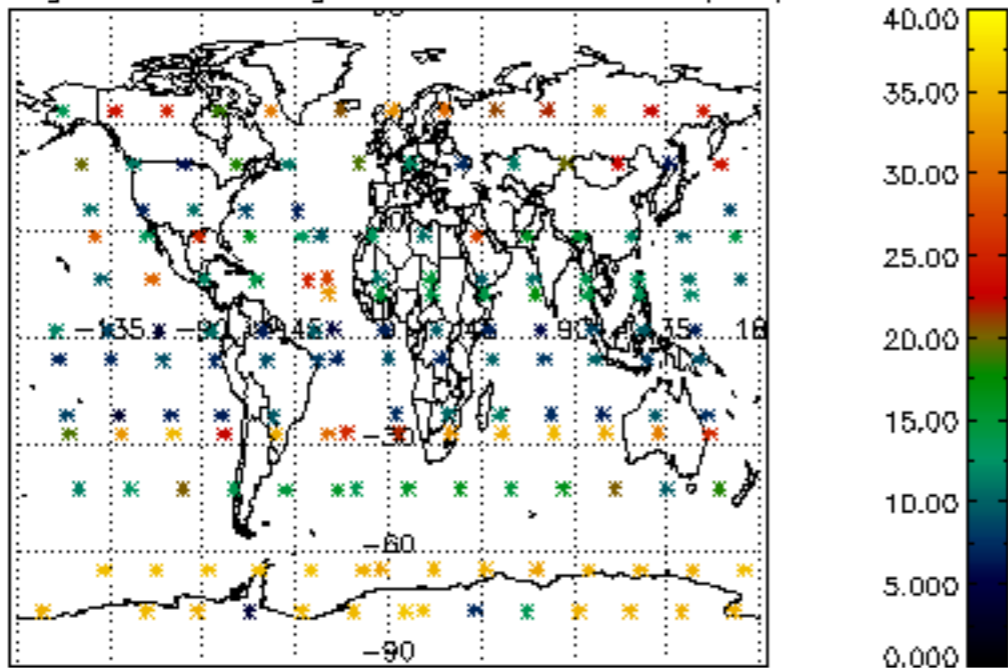
Percentage of cosmic ray hits per profile



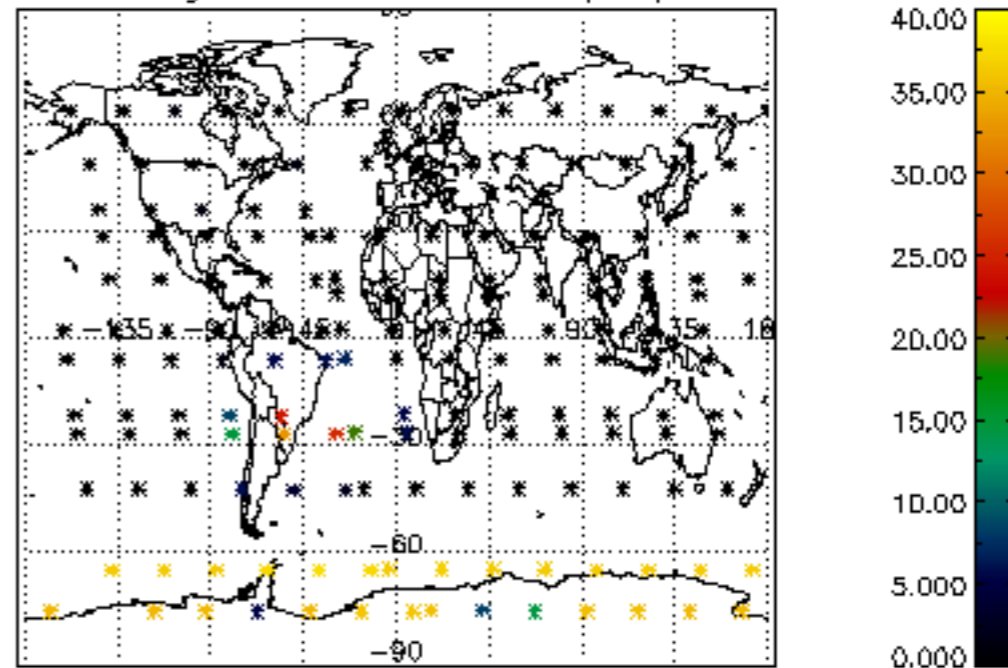
Percentage of datation errors per profile



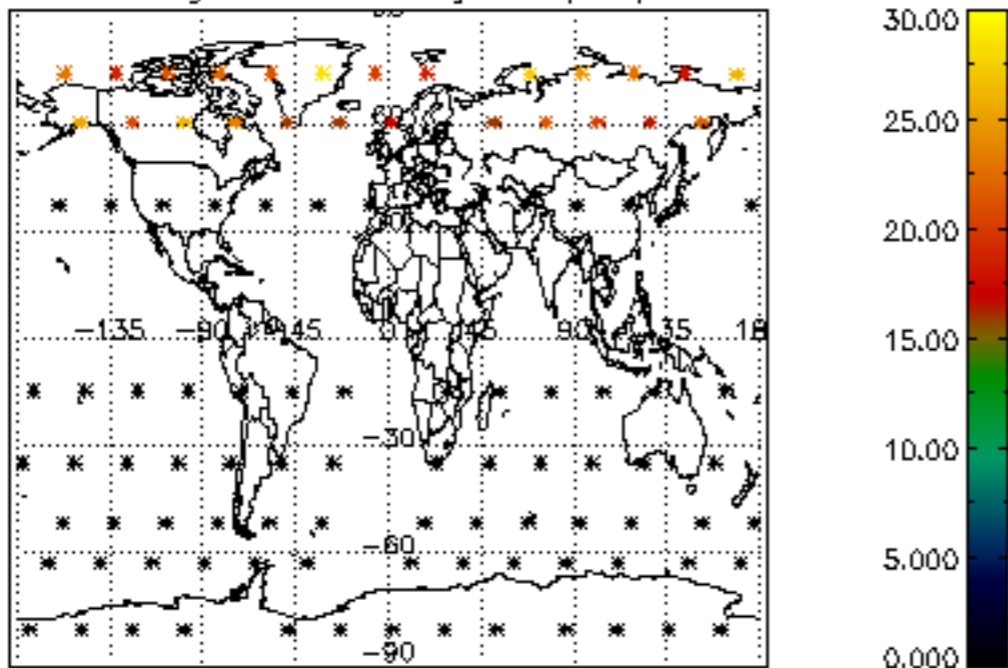
Percentage of star falling outside central band per profile



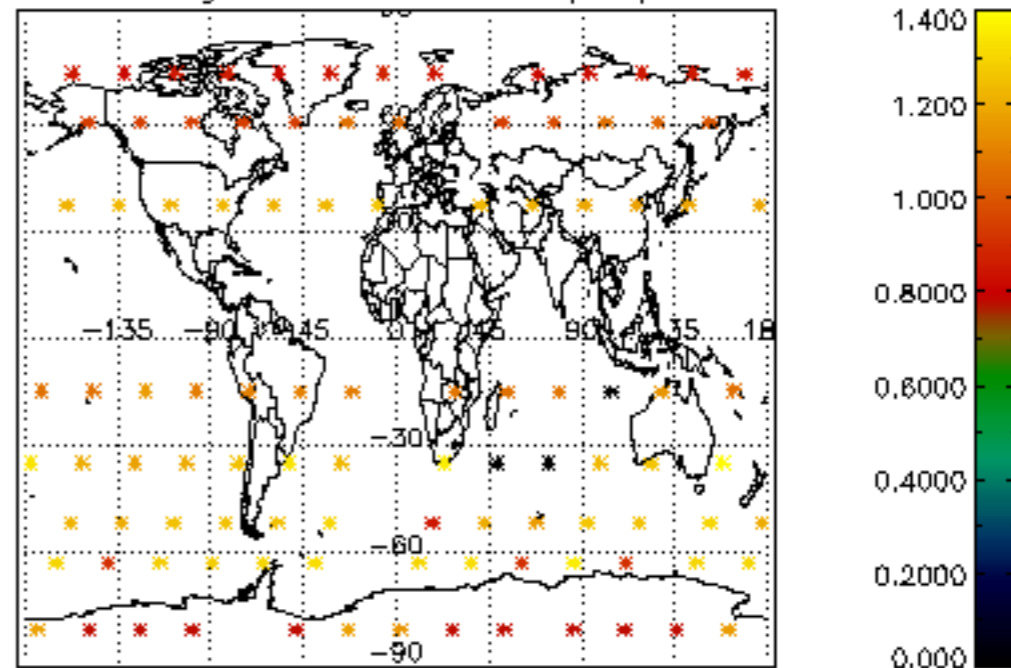
Percentage of saturation errors per profile



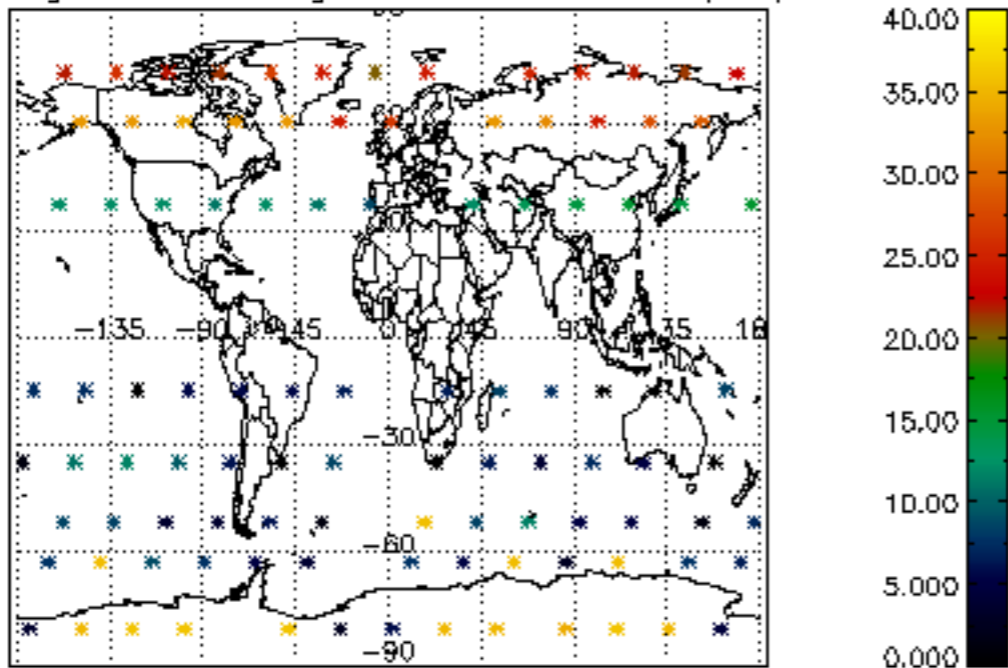
Percentage of cosmic ray hits per profile



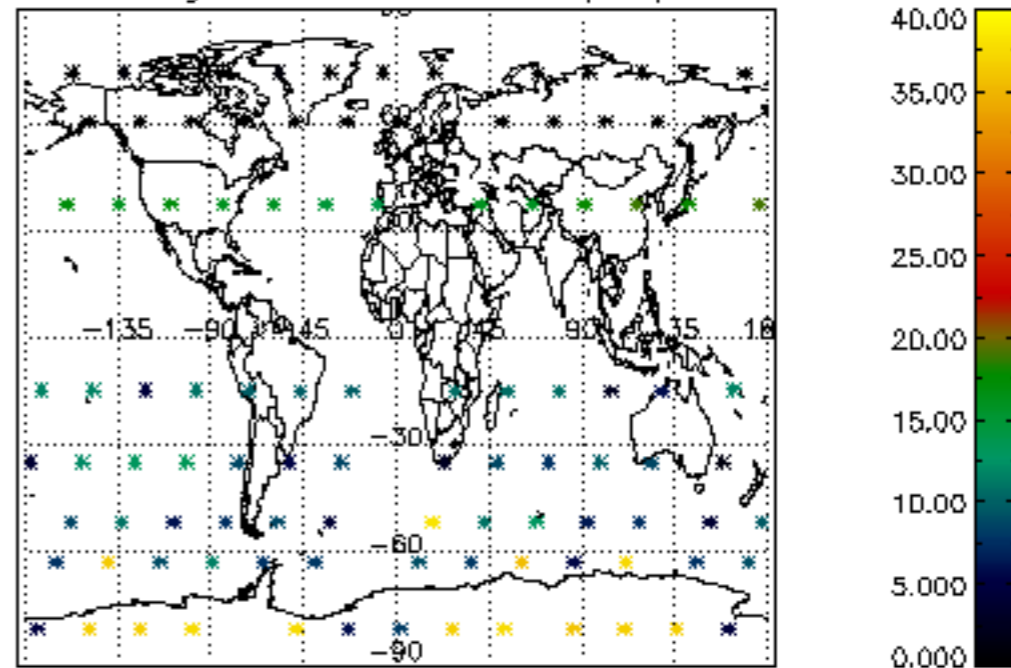
Percentage of datation errors per profile

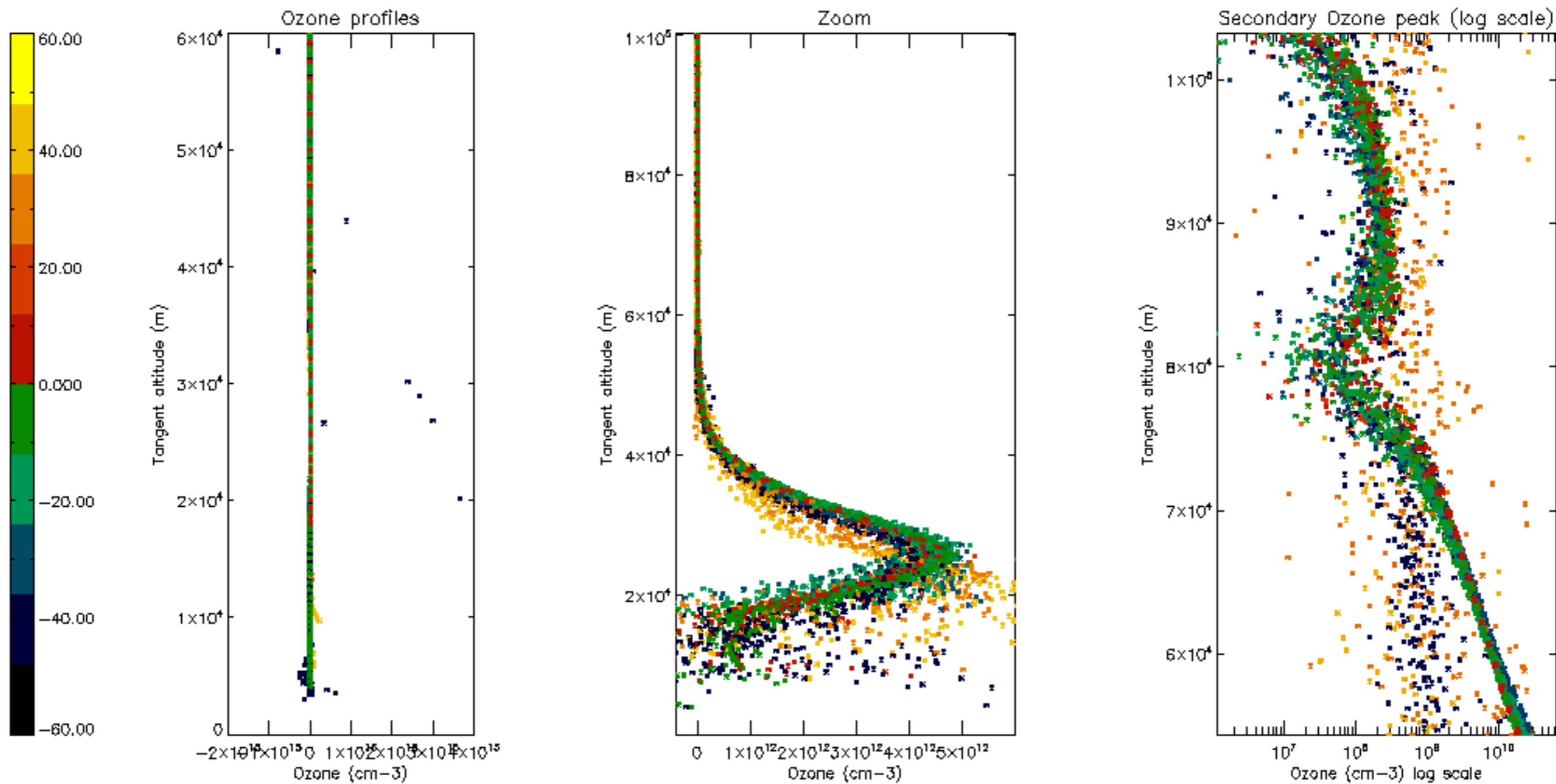


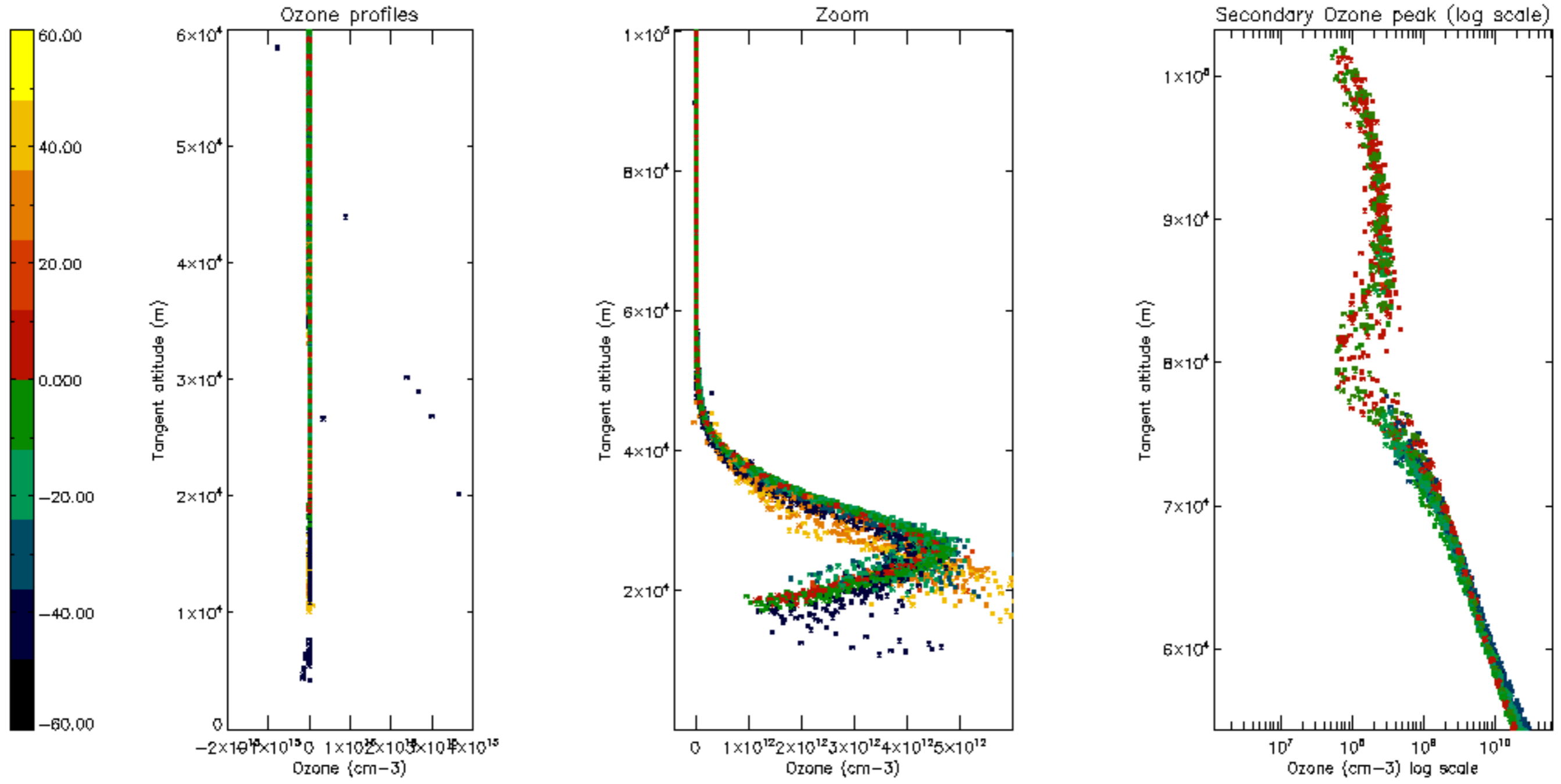
Percentage of star falling outside central band per profile

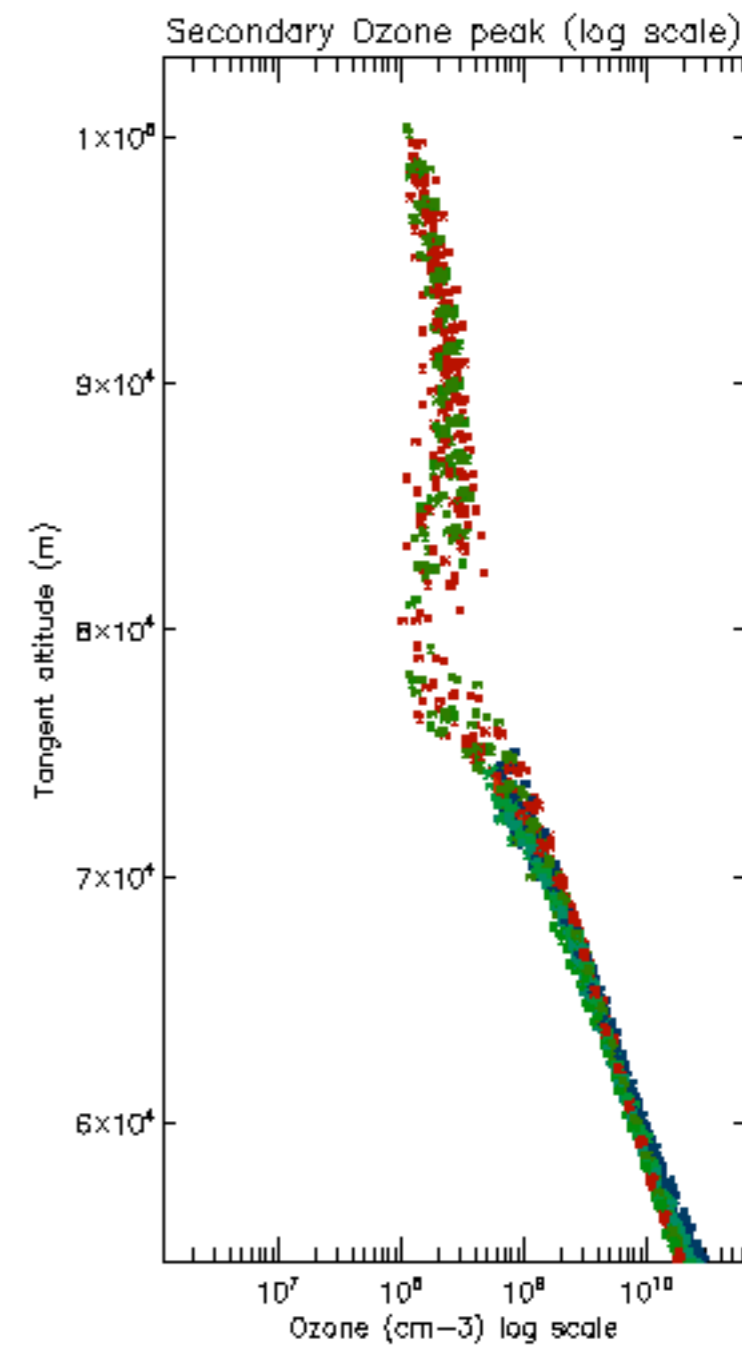
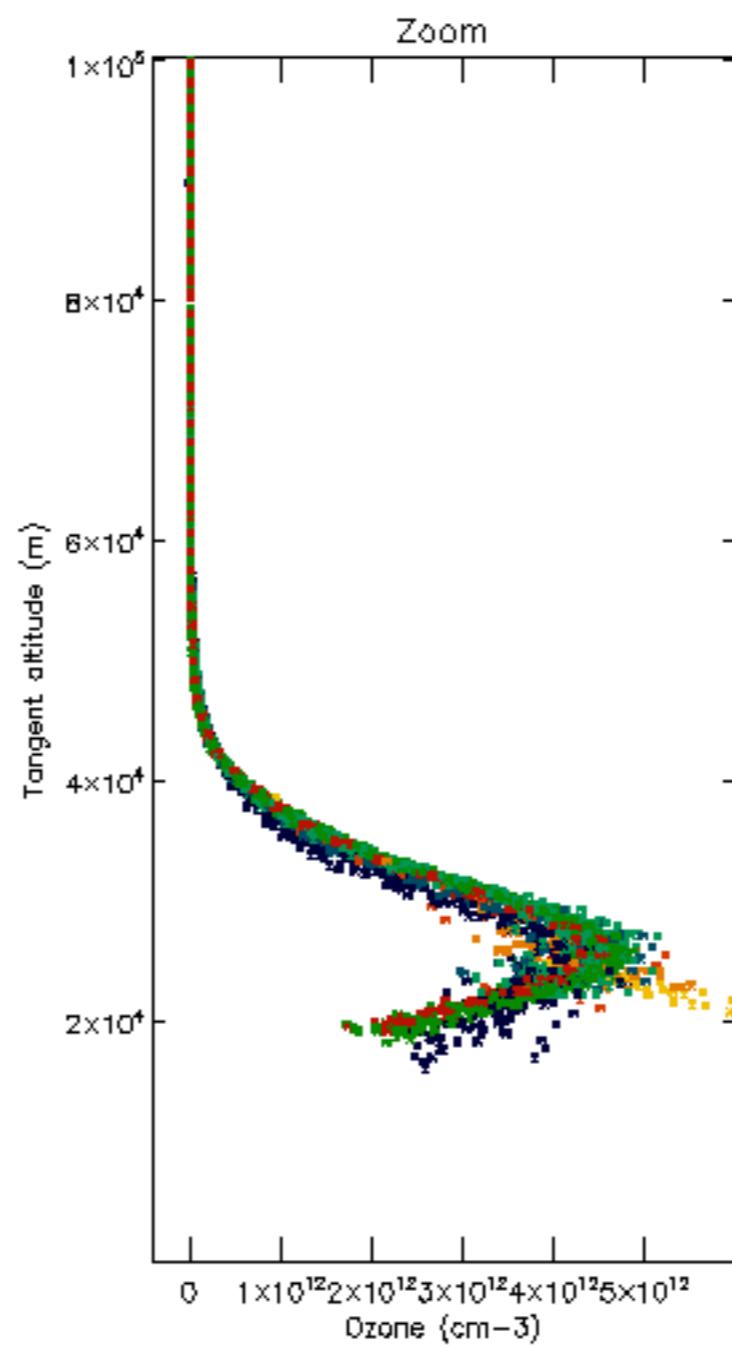
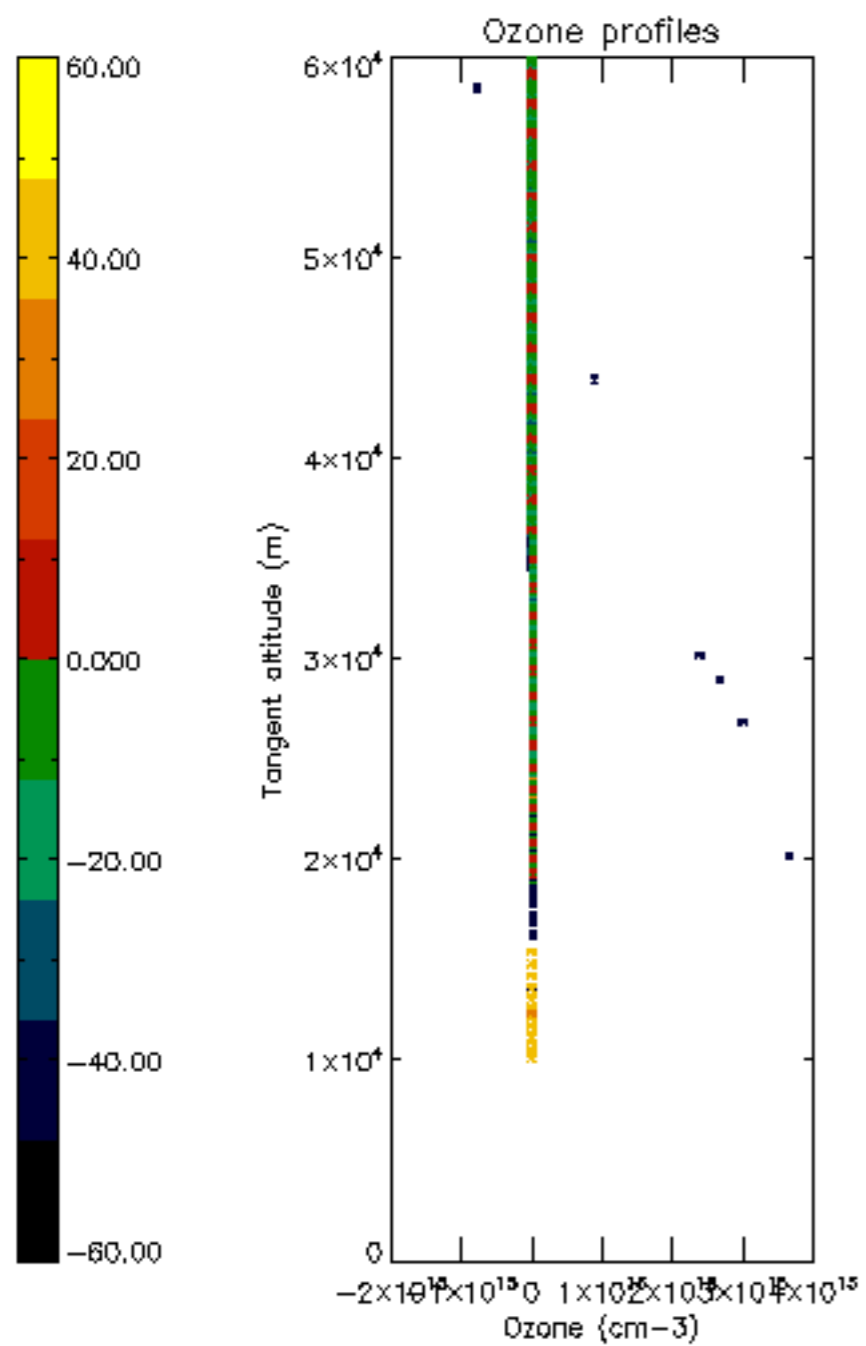


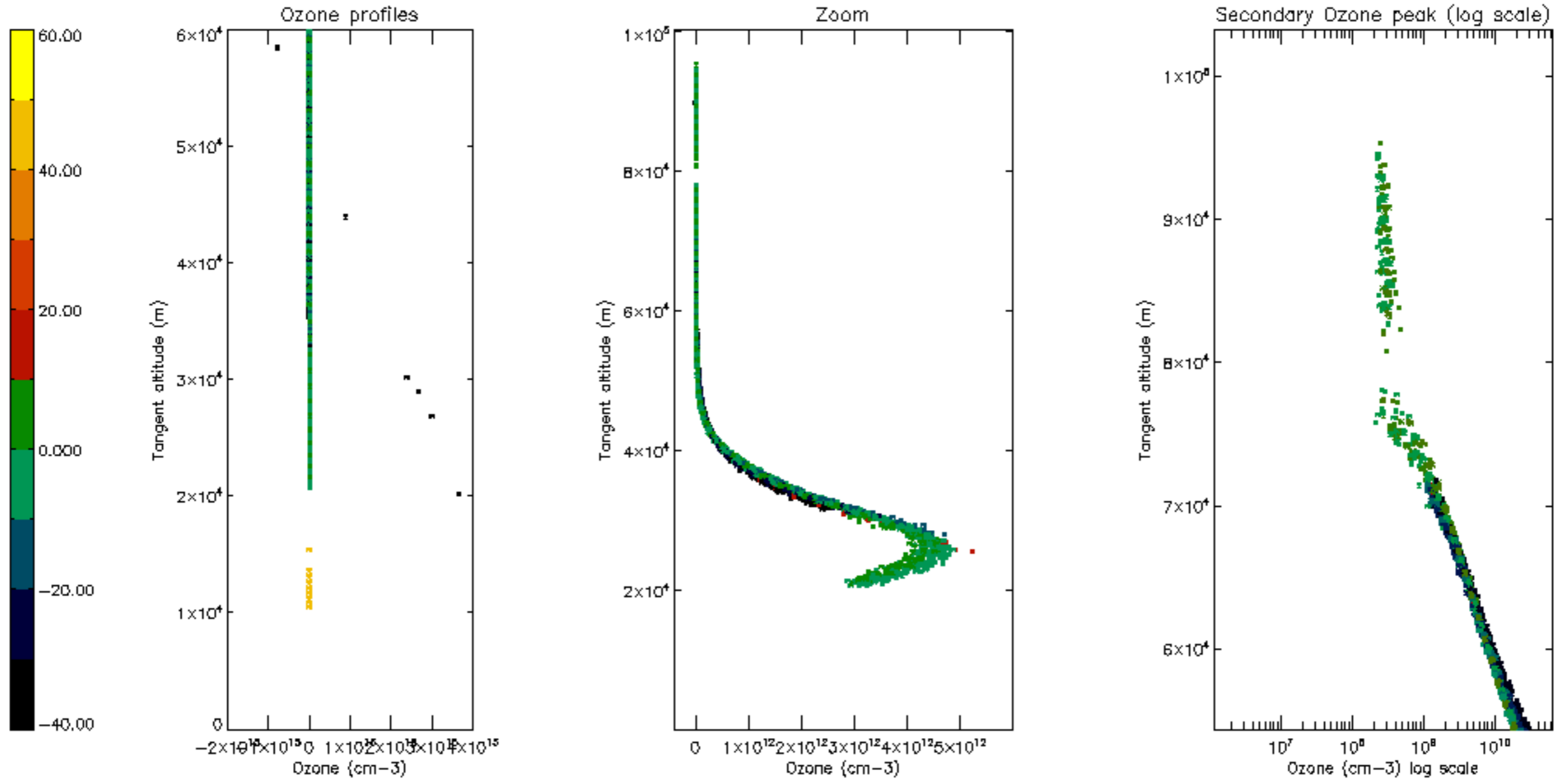
Percentage of saturation errors per profile

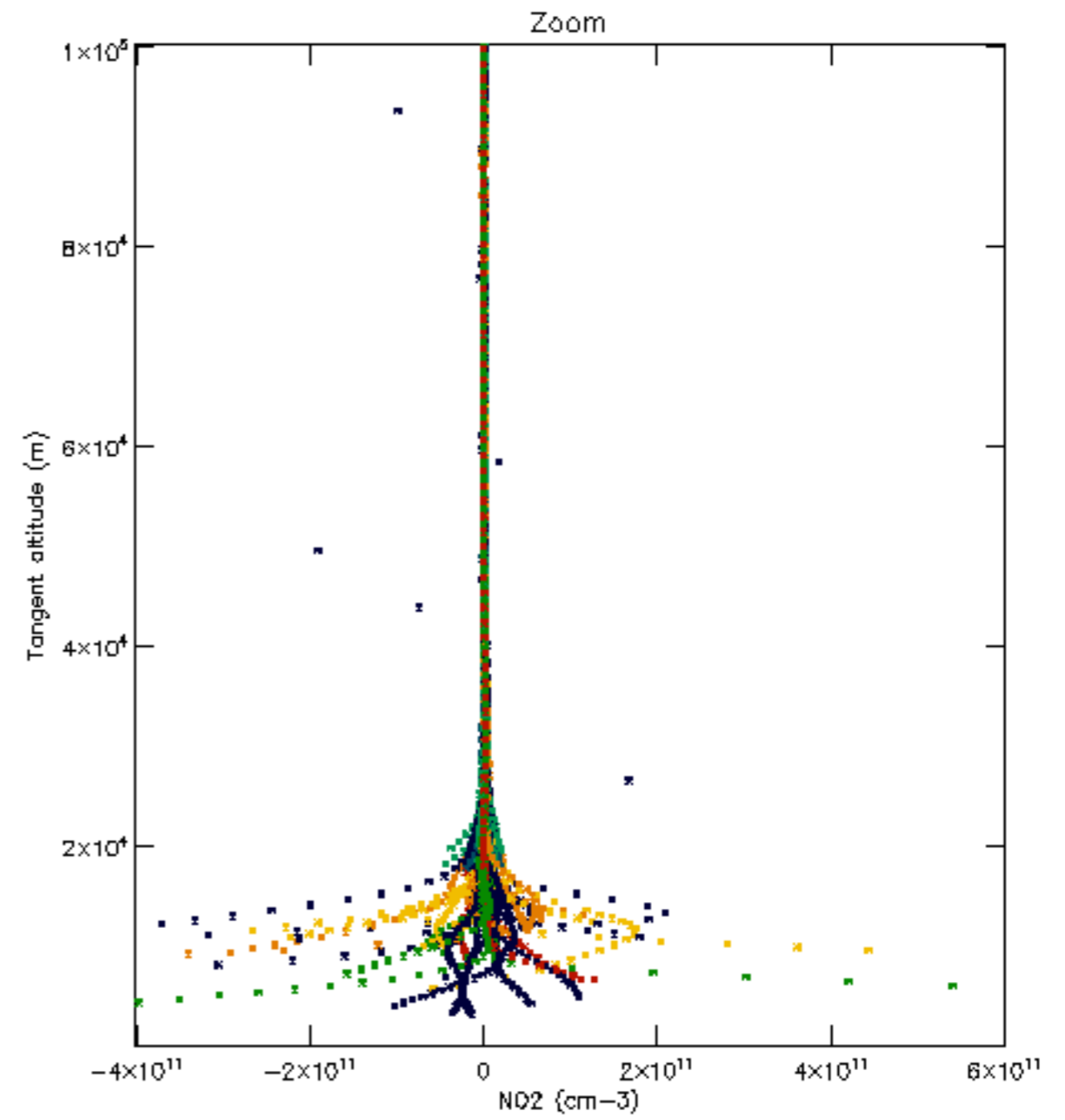
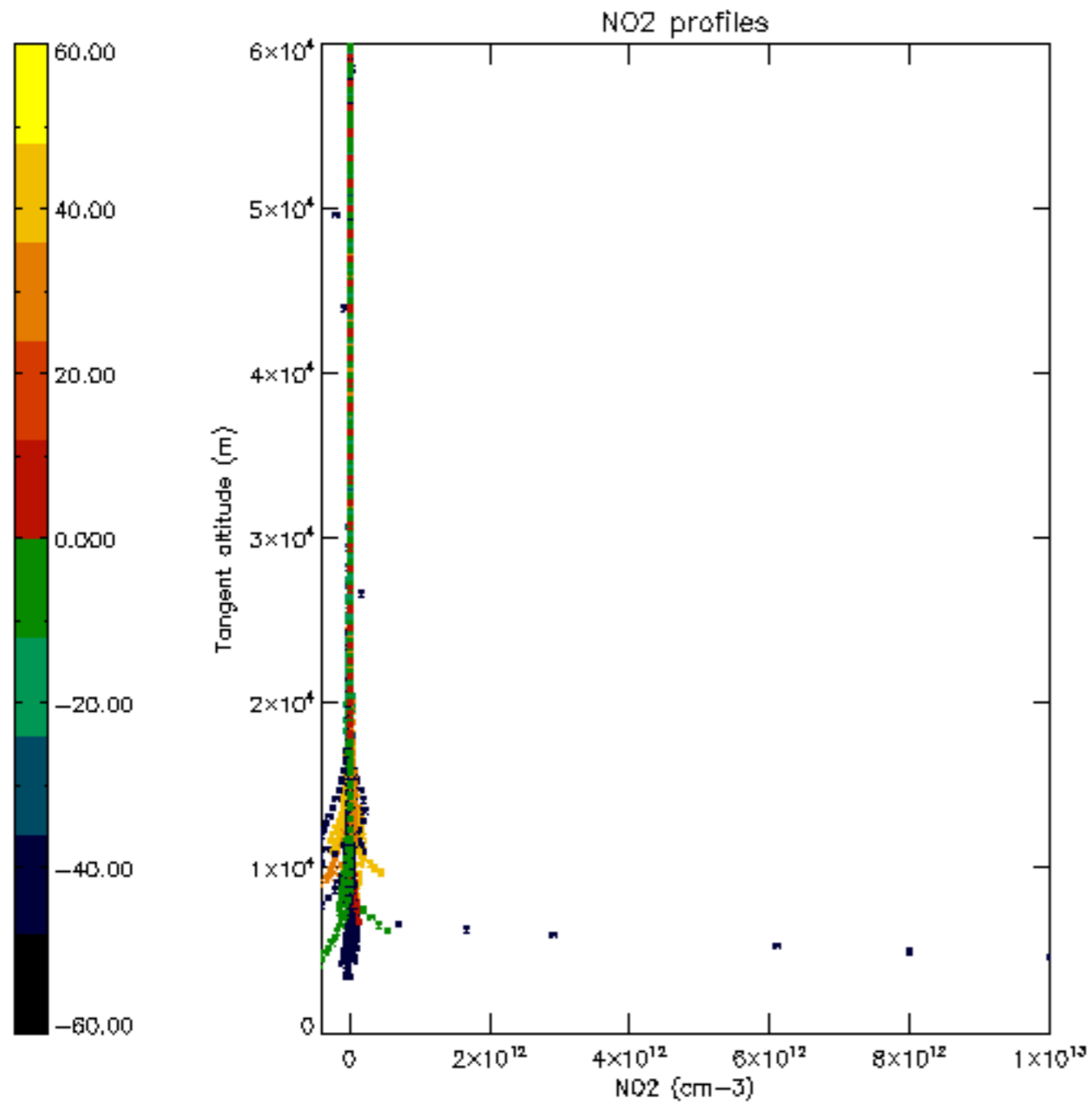


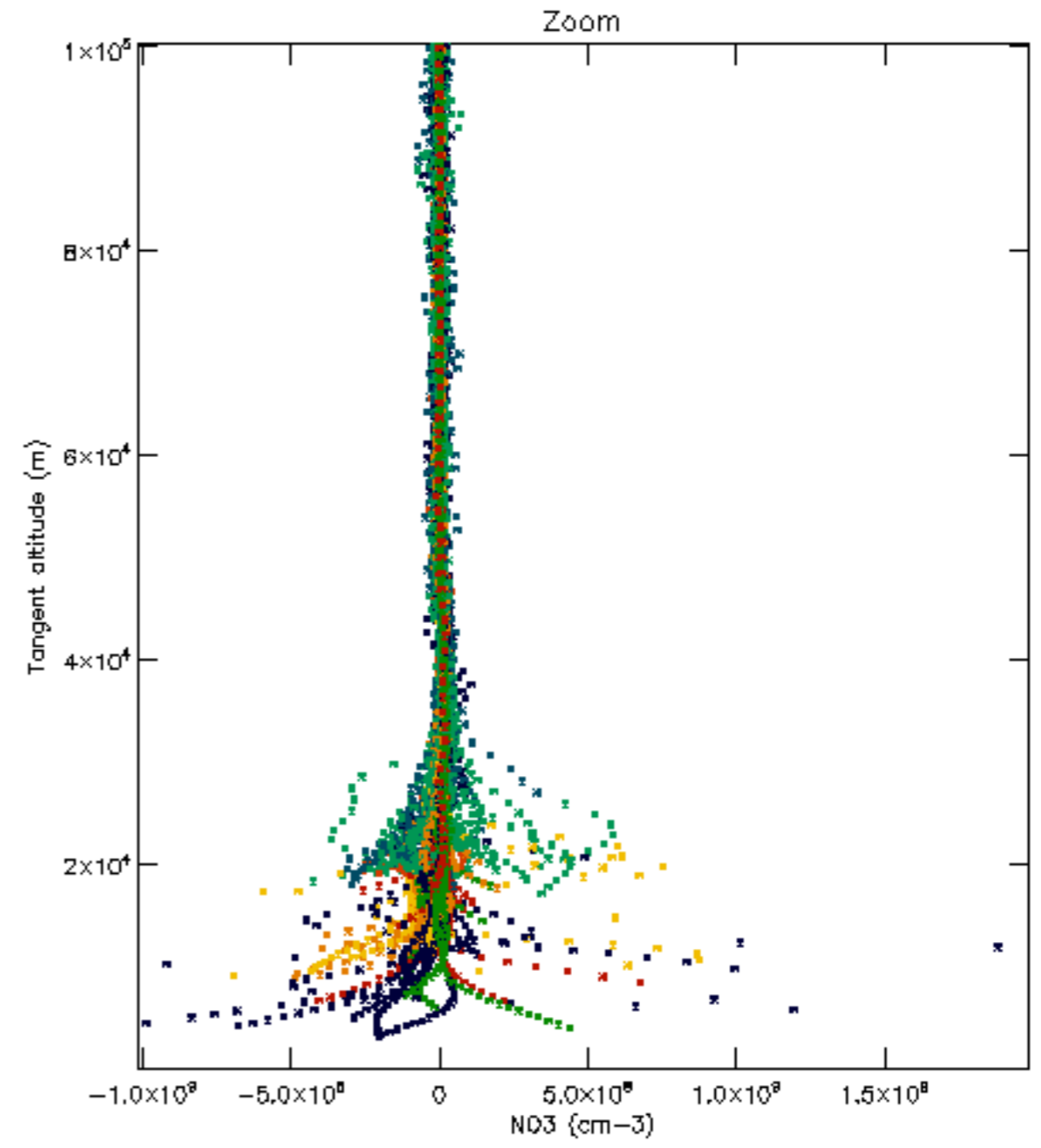
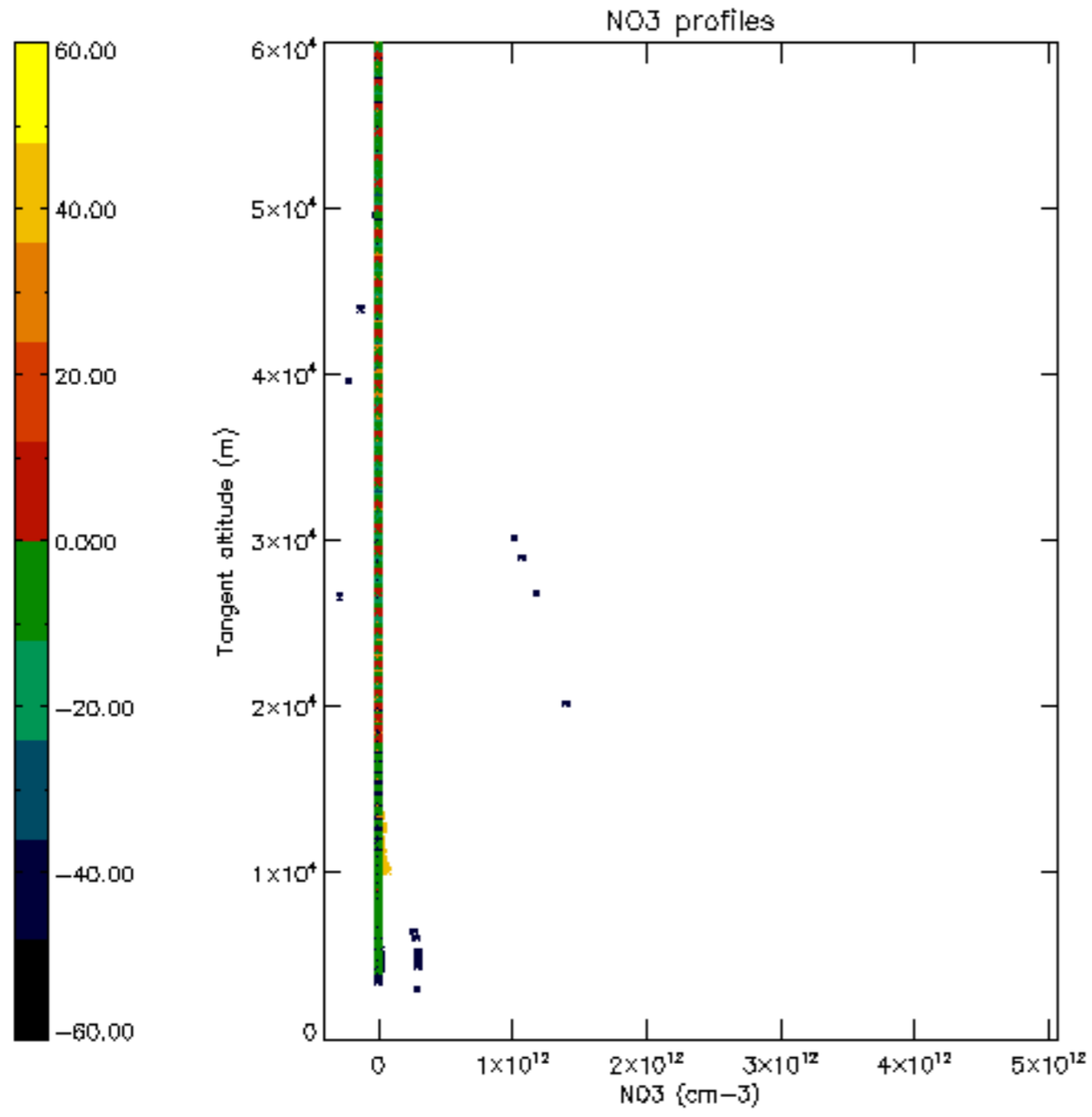


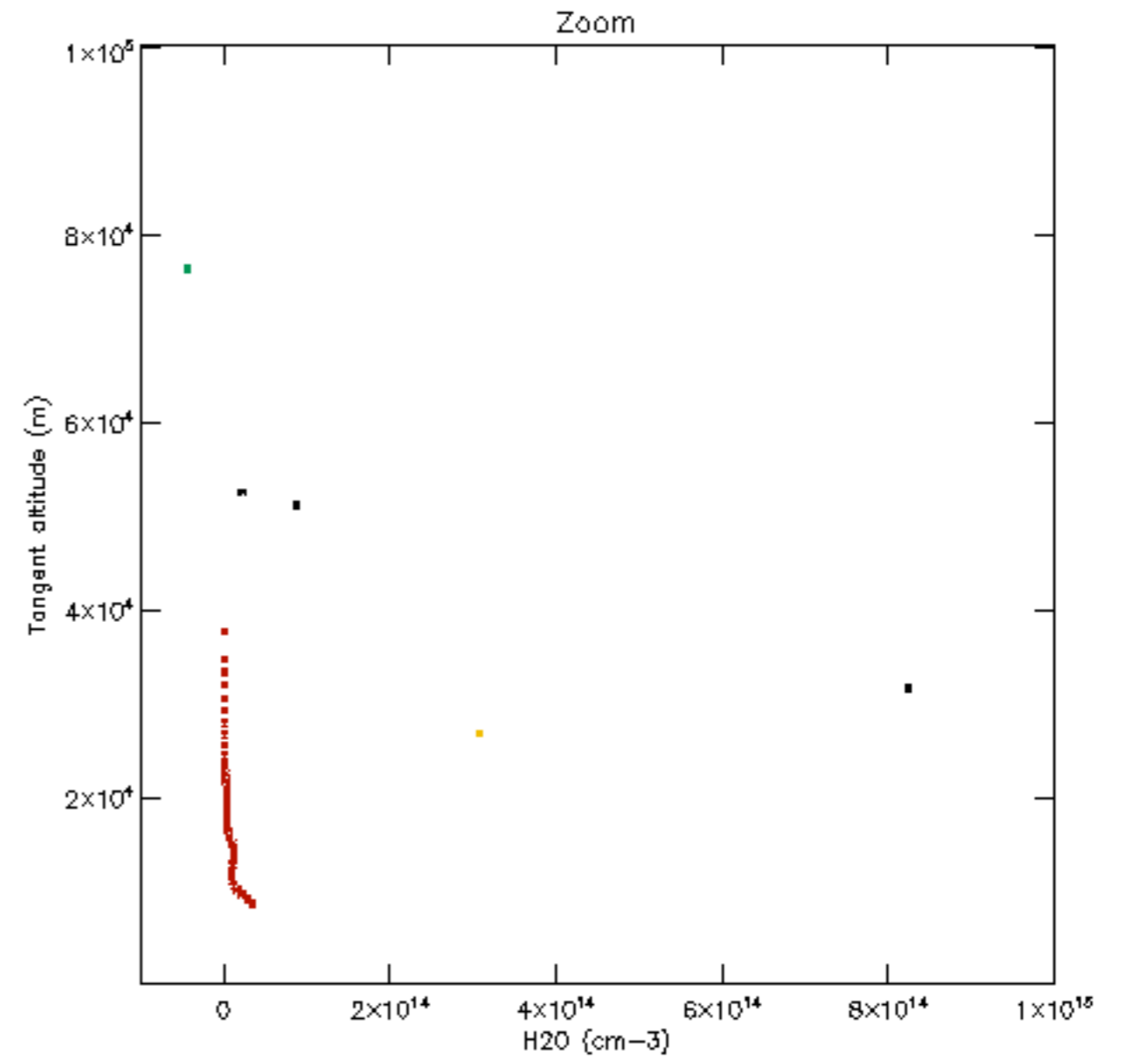
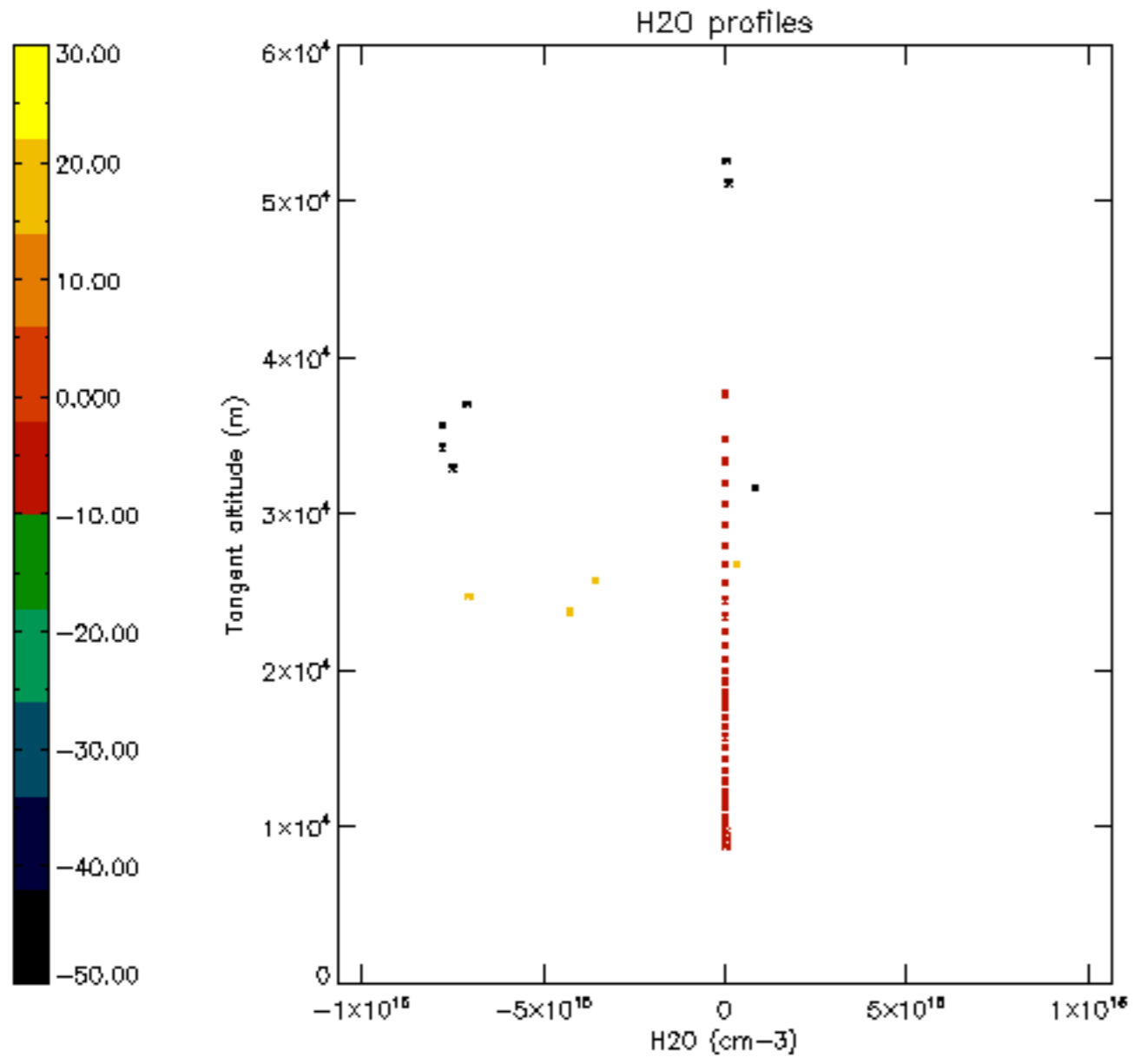


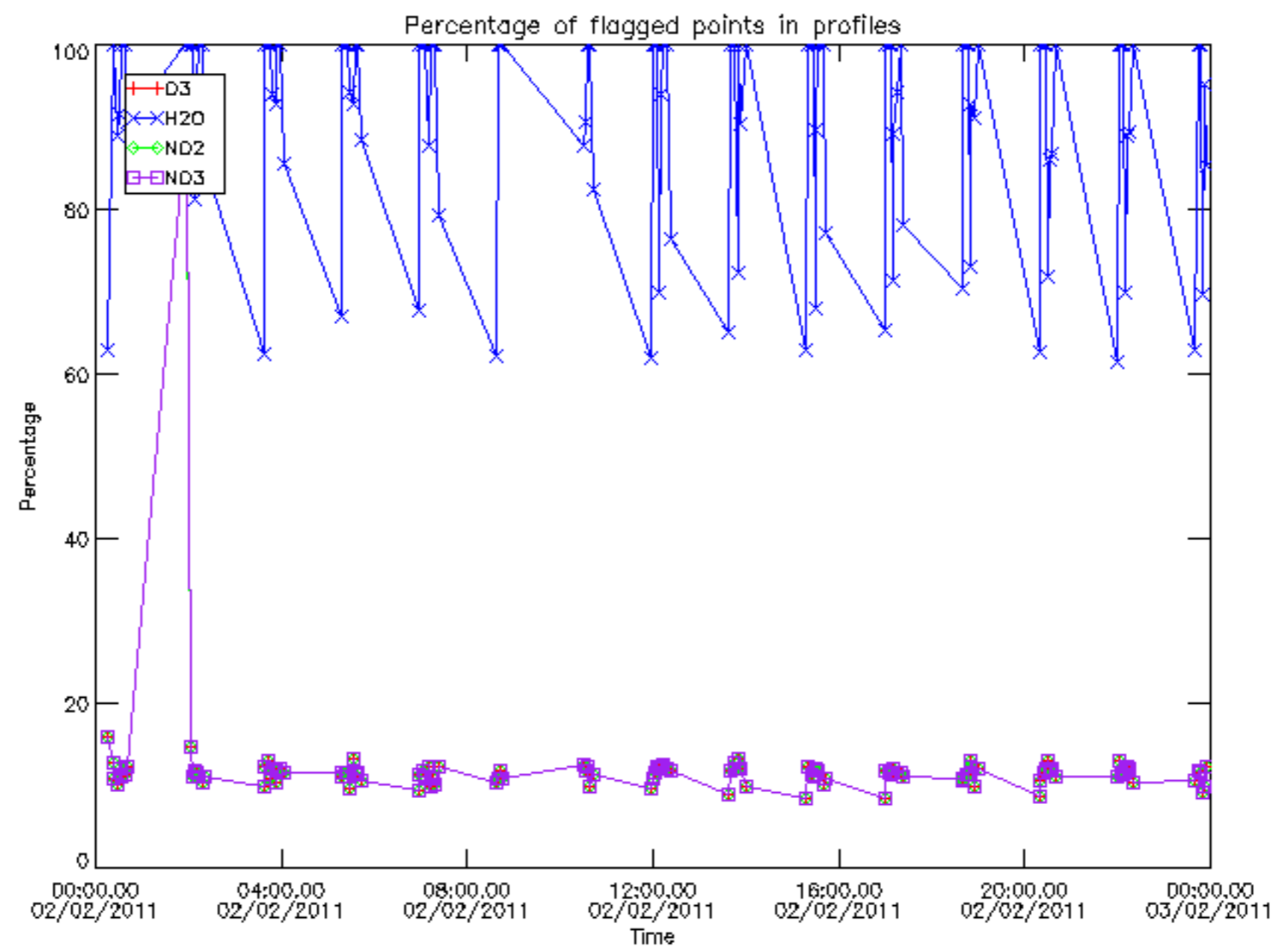




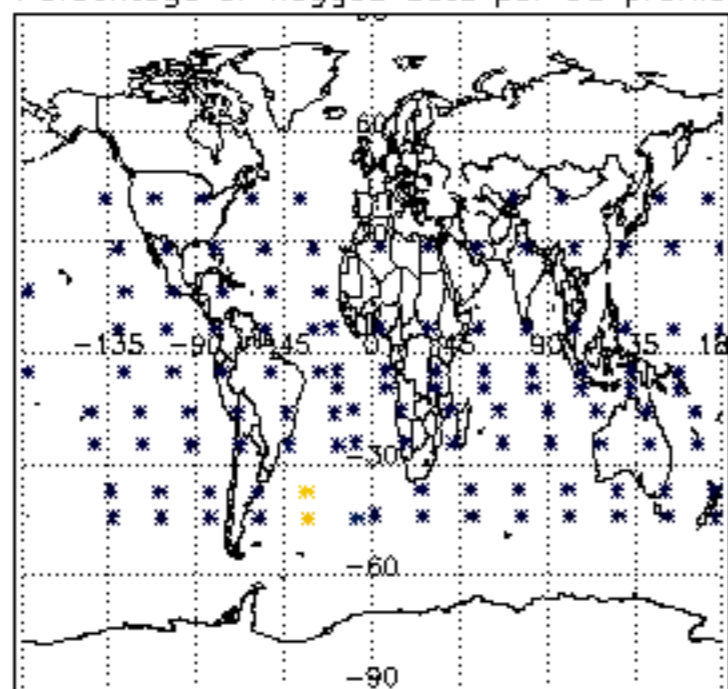




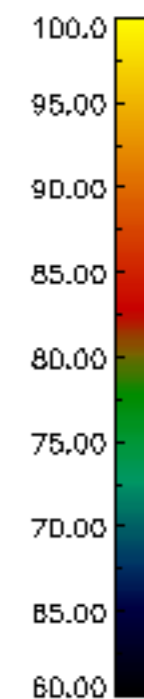
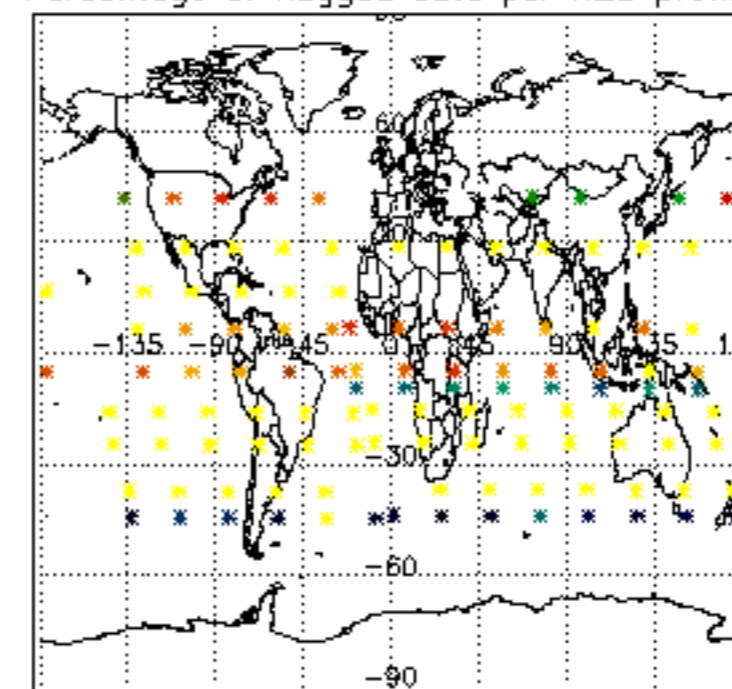




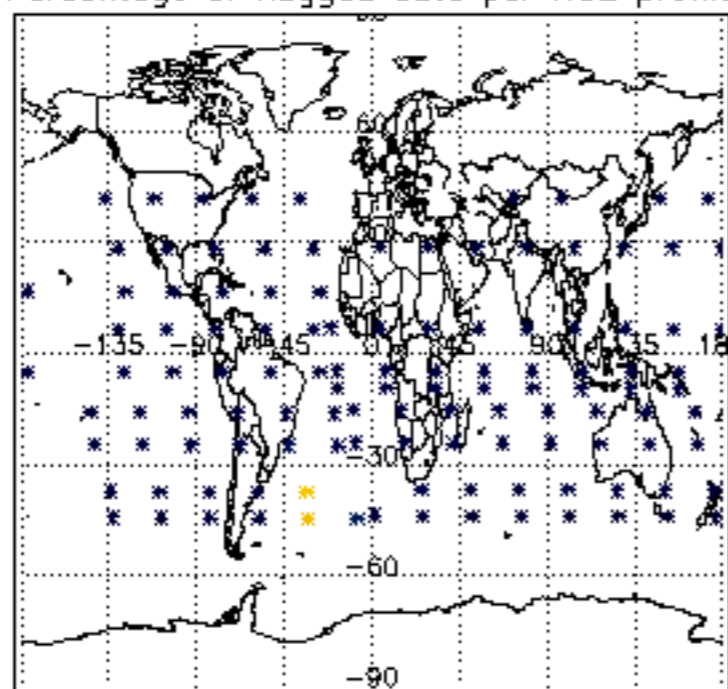
Percentage of flagged data per D3 profile



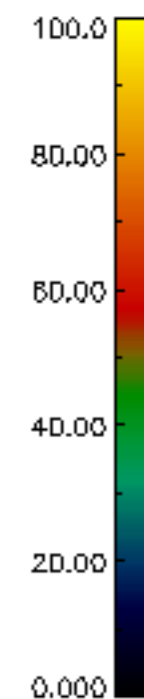
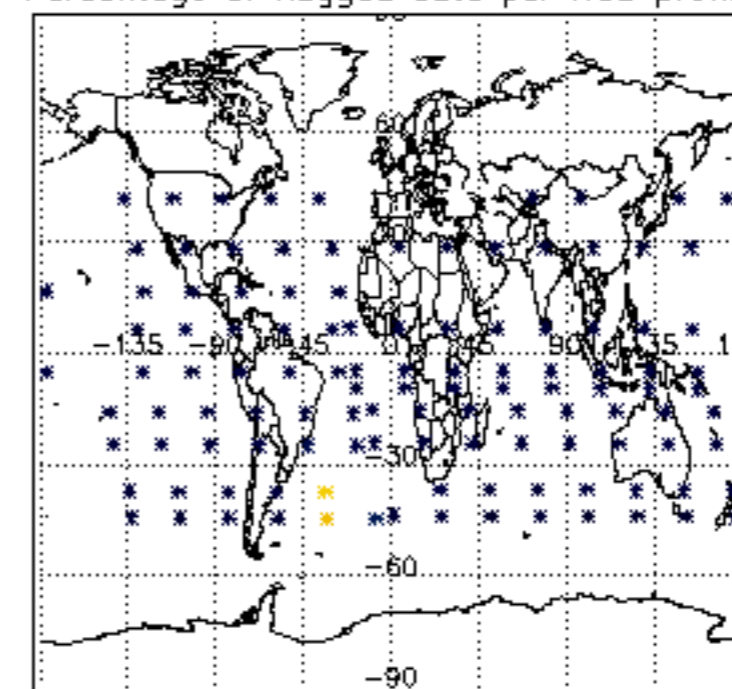
Percentage of flagged data per H2O profile

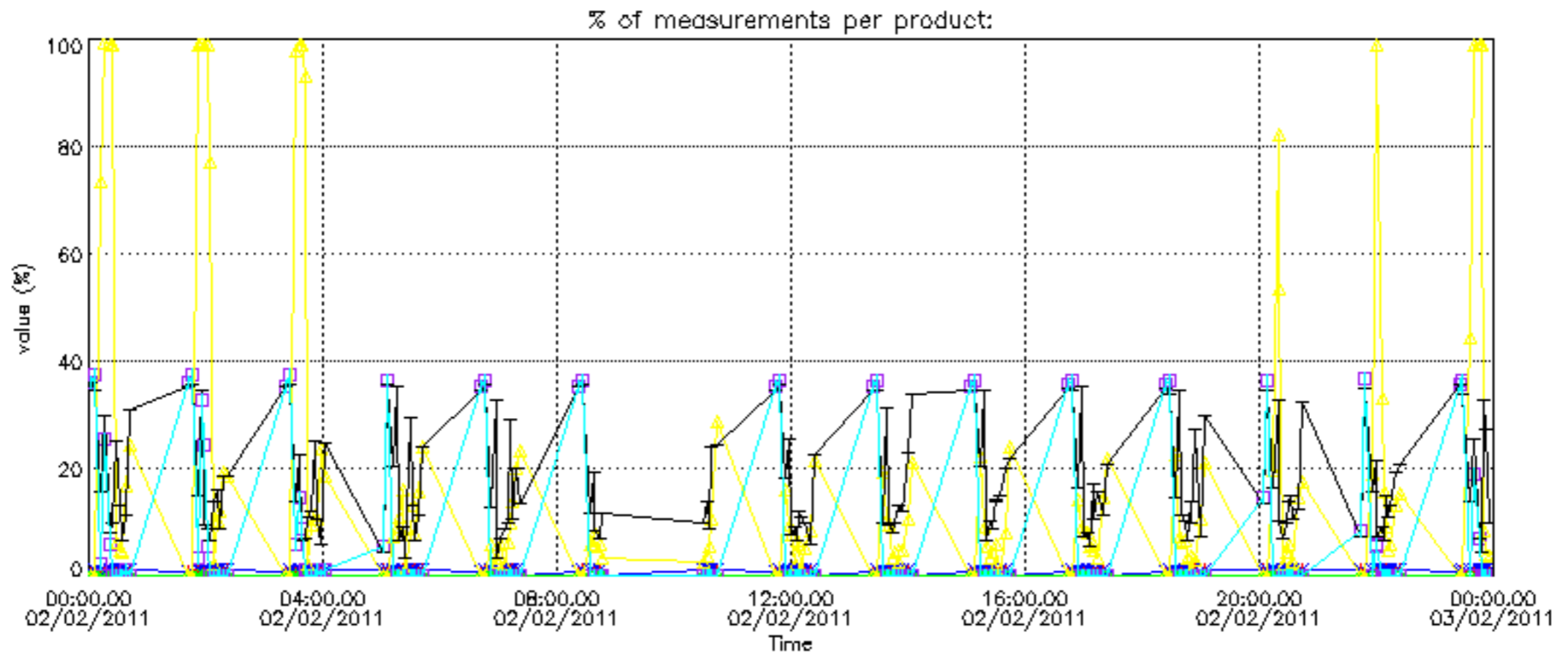


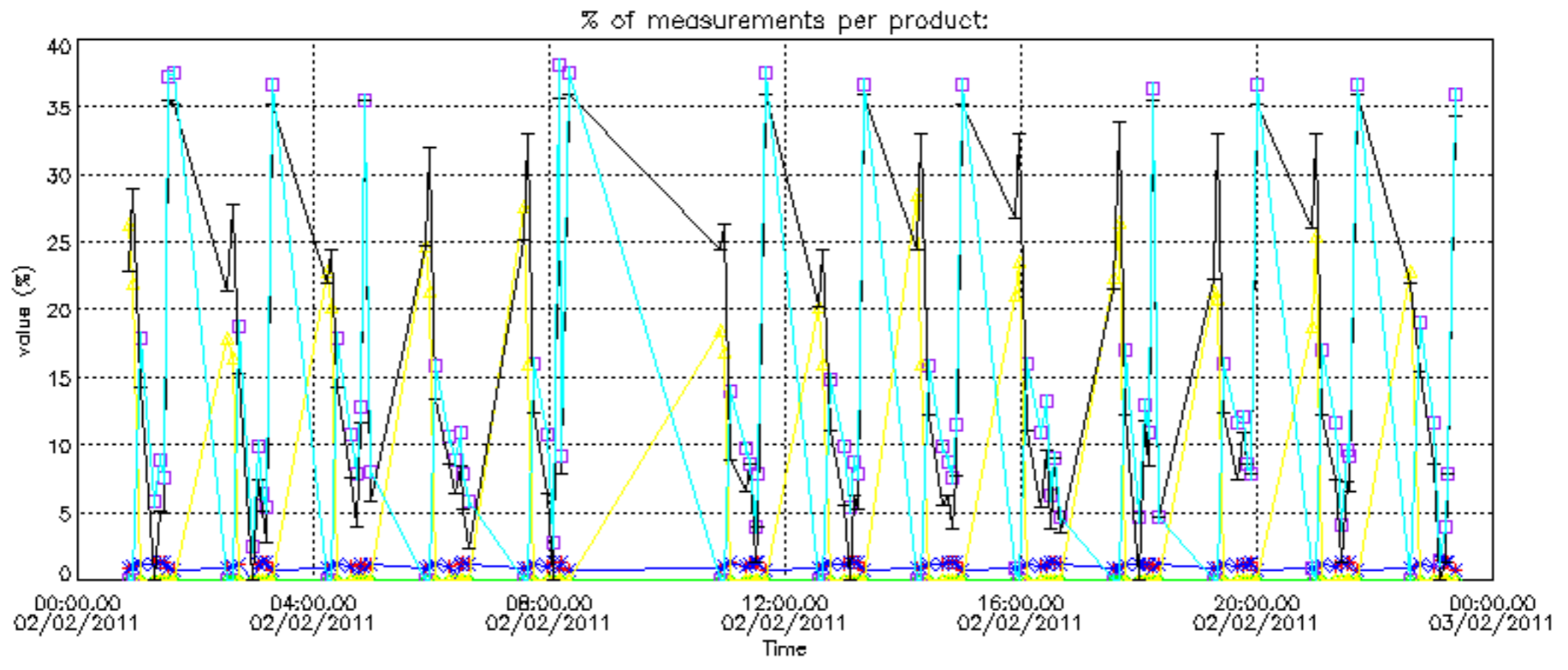
Percentage of flagged data per NO2 profile



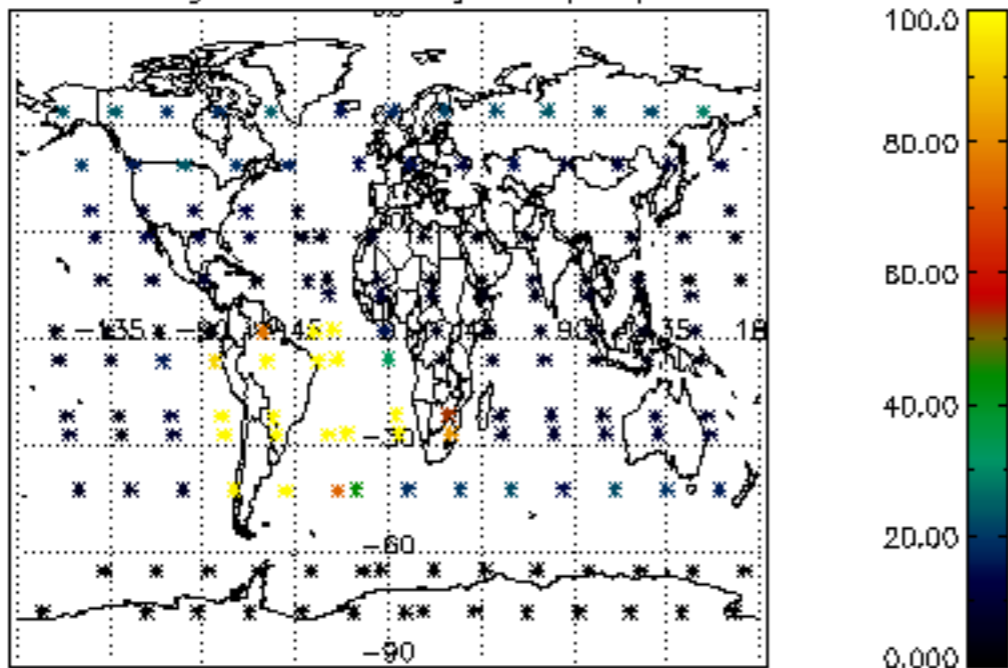
Percentage of flagged data per NO3 profile



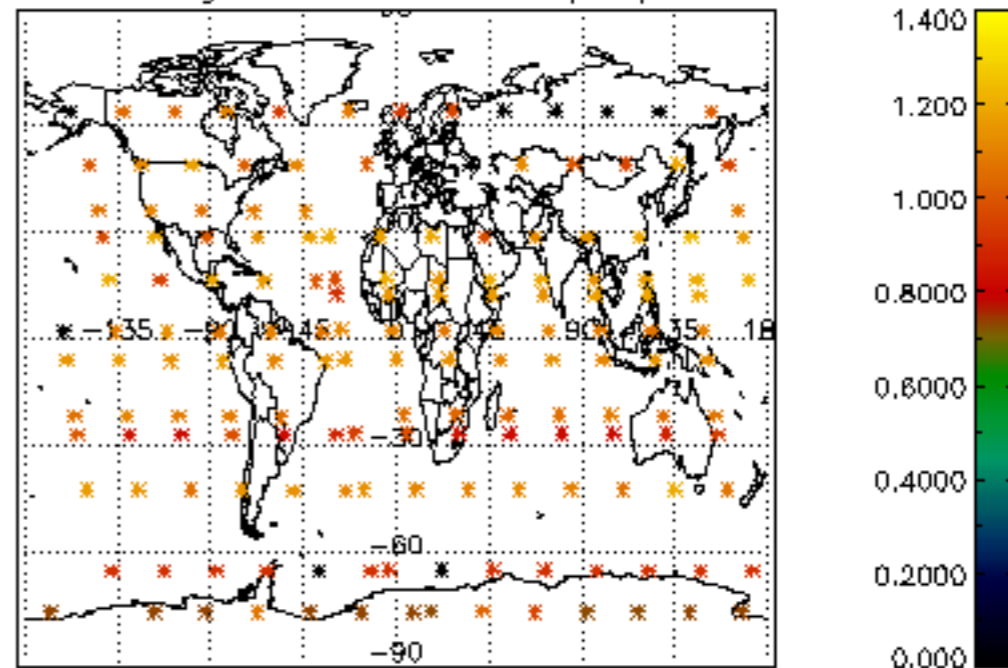




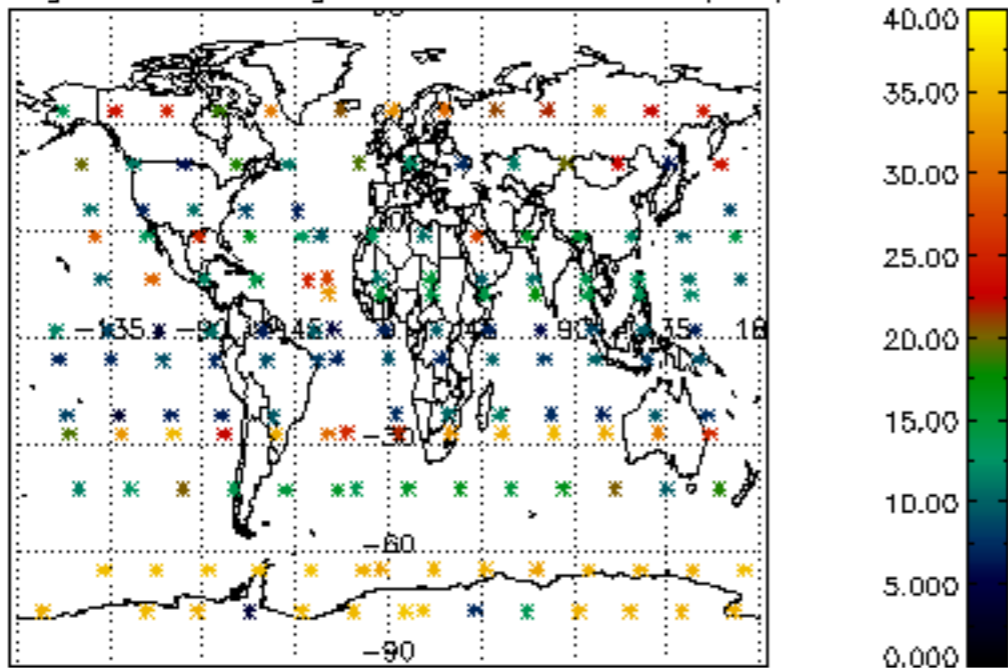
Percentage of cosmic ray hits per profile



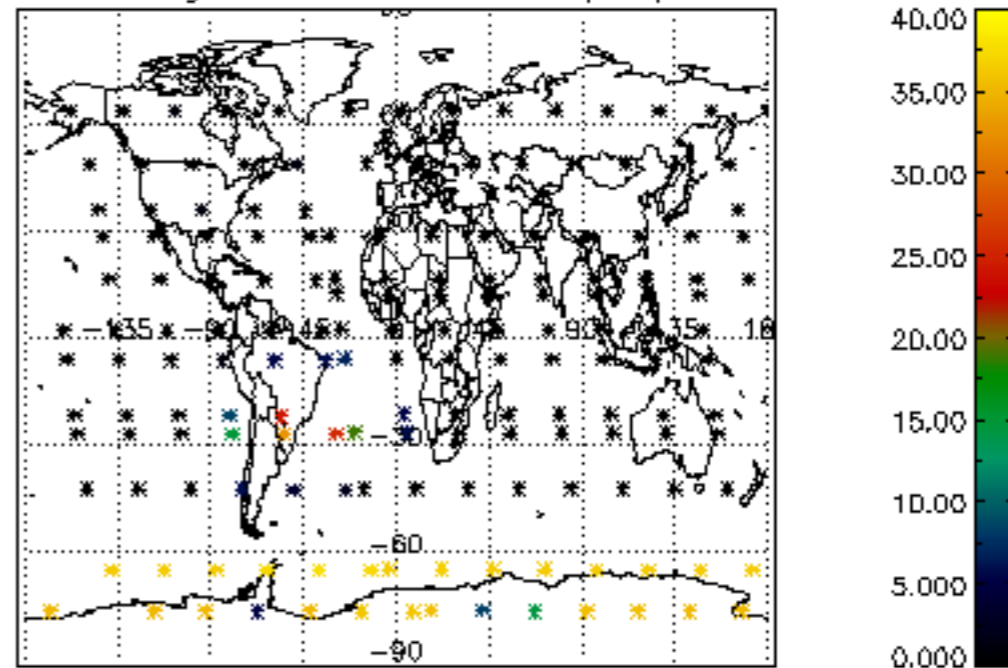
Percentage of datation errors per profile



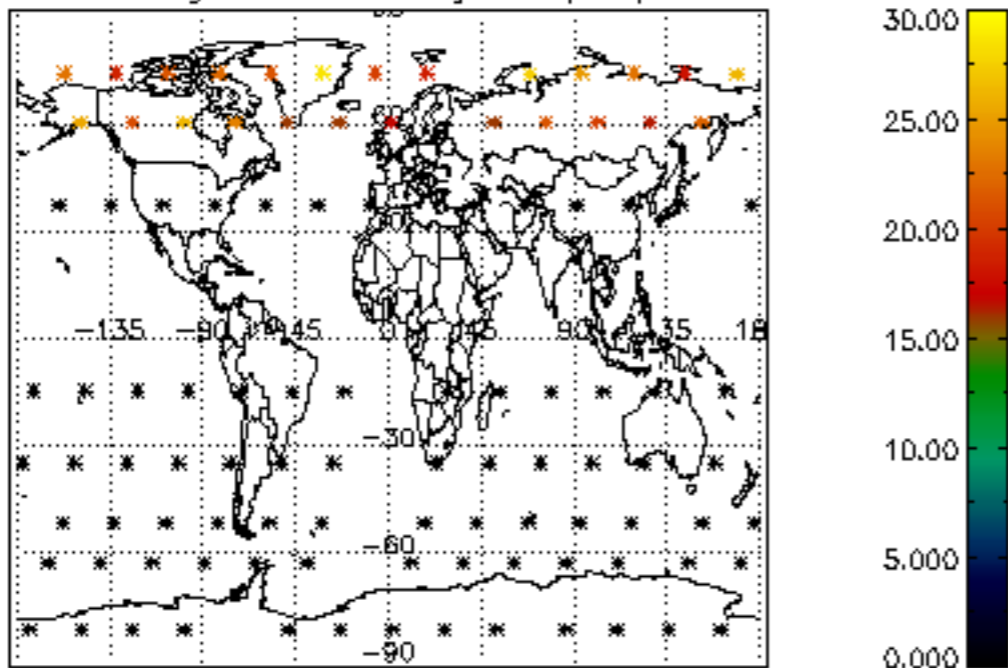
Percentage of star falling outside central band per profile



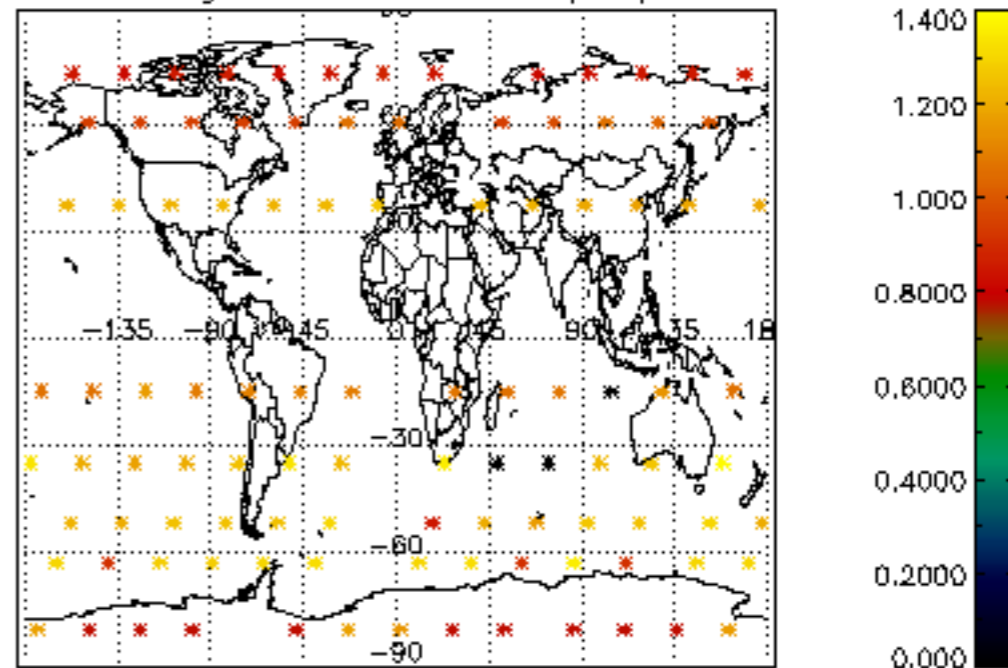
Percentage of saturation errors per profile



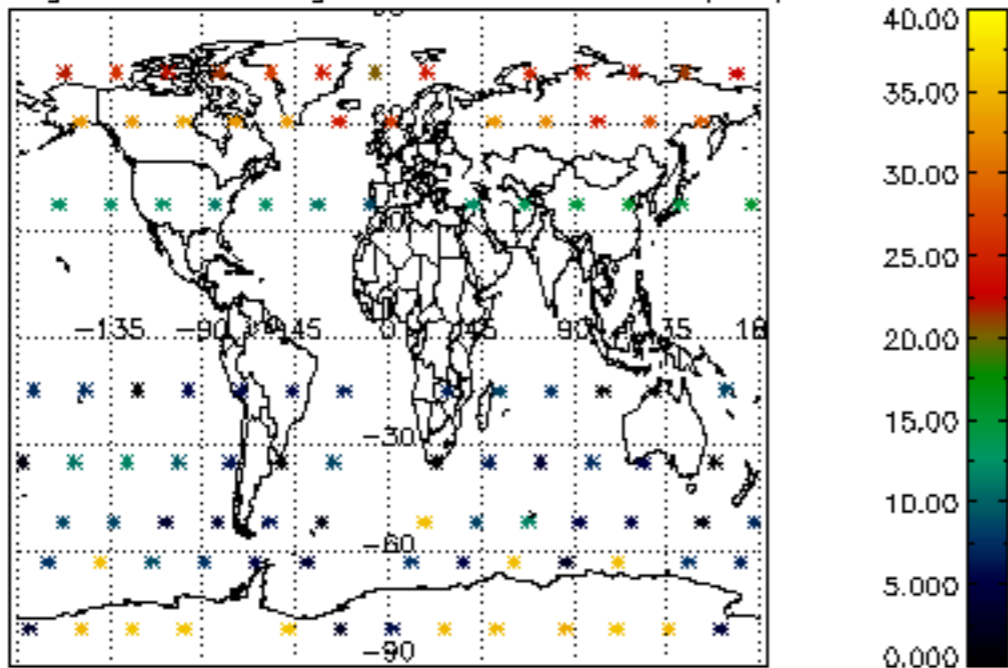
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

