

# 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 08:55:01
Data source version	GOMOS/6.01
Start time of products	09-01-2011 (09JAN2011 00:00:00)
Stop time of products	10-01-2011 (10JAN2011 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	377
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__2PRFIN20110109_000053_000000403098_00188_46323_5530.N1	09-JAN-2011 00:00:53	Dark	40.000	78	Alp Lup	2.3040	28000.	80	46323	No
2	GOM_NL__2PRFIN20110109_000239_000000423098_00188_46323_5531.N1	09-JAN-2011 00:02:39	Dark	41.500	95	Zet Cen	2.5450	26000.	83	46323	No
3	GOM_NL__2PRFIN20110109_000417_000000423098_00189_46324_5517.N1	09-JAN-2011 00:04:17	Dark	41.500	77	Eps Cen	2.3030	28000.	83	46324	No
4	GOM_NL__2PRFIN20110109_000657_000000413098_00189_46324_5518.N1	09-JAN-2011 00:06:57	Dark	41.000	20	Bet Cru	1.2530	30000.	82	46324	No
5	GOM_NL__2PRFIN20110109_001239_000000483098_00189_46324_5519.N1	09-JAN-2011 00:12:39	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	46324	No
6	GOM_NL__2PRFIN20110109_001433_000000413098_00189_46324_5520.N1	09-JAN-2011 00:14:33	Dark	41.000	71	lot Car	2.2460	7700.0	82	46324	No
7	GOM_NL__2PRFIN20110109_001626_000000463098_00189_46324_5521.N1	09-JAN-2011 00:16:26	Dark	46.000	46	Del Vel	1.9540	10600.	92	46324	No
8	GOM_NL__2PRFIN20110109_001912_000000463098_00189_46324_5522.N1	09-JAN-2011 00:19:12	Dark	45.500	34	Gam2Vel	1.7930	23000.	91	46324	No
9	GOM_NL__2PRFIN20110109_002122_000000453098_00189_46324_5523.N1	09-JAN-2011 00:21:22	Dark	45.000	70	Zet Pup	2.2460	39000.	90	46324	No
10	GOM_NL__2PRFIN20110109_002312_000000473098_00189_46324_5524.N1	09-JAN-2011 00:23:12	Straylight	47.000	117	Pi Pup	2.7060	3800.0	94	46324	No
11	GOM_NL__2PRFIN20110109_002550_000000453098_00189_46324_5525.N1	09-JAN-2011 00:25:50	Straylight	45.000	23	21Eps CMa	1.5020	26000.	90	46324	No
12	GOM_NL__2PRFIN20110109_002717_000000443098_00189_46324_5526.N1	09-JAN-2011 00:27:17	Straylight	43.500	179	24Omi2CMa	3.0320	24000.	87	46324	No
13	GOM_NL__2PRFIN20110109_002936_000000493098_00189_46324_5527.N1	09-JAN-2011 00:29:36	Straylight	48.500	1	9Alp CMa	-1.4400	11000.	97	46324	No
14	GOM_NL__2PRFIN20110109_003656_000000613098_00189_46324_5528.N1	09-JAN-2011 00:36:56	Twilight	61.000	8	10Alp CMi	0.40000	6500.0	122	46324	No
15	GOM_NL__2PRFIN20110109_003936_000000473098_00189_46324_5529.N1	09-JAN-2011 00:39:36	Twilight	47.000	44	24Gam Gem	1.9280	11000.	94	46324	No
16	GOM_NL__2PRFIN20110109_004117_000000443098_00189_46324_5530.N1	09-JAN-2011 00:41:17	Bright	44.000	151	13Mu Gem	2.8900	3000.0	88	46324	No
17	GOM_NL__2PRFIN20110109_004522_000000383098_00189_46324_5531.N1	09-JAN-2011 00:45:22	Bright	37.500	107	37The Aur	2.6490	11000.	75	46324	No
18	GOM_NL__2PRFIN20110109_004734_000000383098_00189_46324_5532.N1	09-JAN-2011 00:47:34	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	46324	No
19	GOM_NL__2PRFIN20110109_010409_000000343098_00189_46324_5533.N1	09-JAN-2011 01:04:09	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	46324	No
20	GOM_NL__2PRFIN20110109_010815_000000503098_00189_46324_5534.N1	09-JAN-2011 01:08:15	Bright	49.500	119	14Eta Dra	2.7270	4700.0	99	46324	No
21	GOM_NL__2PRFIN20110109_011523_000000633098_00189_46324_5535.N1	09-JAN-2011 01:15:23	Bright	63.000	180	27Gam Boo	3.0400	8000.0	126	46324	No
22	GOM_NL__2PRFIN20110109_011928_000000493098_00189_46324_5536.N1	09-JAN-2011 01:19:28	Bright	48.500	83		2.3780	11000.	97	46324	No
23	GOM_NL__2PRFIN20110109_012458_000000583098_00189_46324_5537.N1	09-JAN-2011 01:24:58	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46324	No
24	GOM_NL__2PRFIN20110109_013022_000000473098_00189_46324_5538.N1	09-JAN-2011 01:30:22	Twilight	47.000	104	27Bet Lib	2.6140	13100.	94	46324	No
25	GOM_NL__2PRFIN20110109_013319_000000493098_00189_46324_5539.N1	09-JAN-2011 01:33:19	Twilight	48.500	122	9Alp2Lib	2.7470	9700.0	97	46324	No
26	GOM_NL__2PRFIN20110109_013937_000000423098_00189_46324_5540.N1	09-JAN-2011 01:39:37	Dark	41.500	109	Bet Lup	2.6770	26000.	83	46324	No
27	GOM_NL__2PRFIN20110109_014107_000000433098_00189_46324_5541.N1	09-JAN-2011 01:41:07	Dark	43.000	78	Alp Lup	2.3040	28000.	86	46324	No
28	GOM_NL__2PRFIN20110109_014254_000000423098_00189_46324_5542.N1	09-JAN-2011 01:42:54	Dark	42.000	95	Zet Cen	2.5450	26000.	84	46324	No
29	GOM_NL__2PRFIN20110109_014431_000000423098_00190_46325_5530.N1	09-JAN-2011 01:44:31	Dark	41.500	77	Eps Cen	2.3030	28000.	83	46325	No
30	GOM_NL__2PRFIN20110109_014712_000000453098_00190_46325_5531.N1	09-JAN-2011 01:47:12	Dark	44.500	20	Bet Cru	1.2530	30000.	89	46325	No
31	GOM_NL__2PRFIN20110109_015255_000000473098_00190_46325_5532.N1	09-JAN-2011 01:52:55	Dark	46.500	113	Mu Vel	2.6920	5000.0	93	46325	No
32	GOM_NL__2PRFIN20110109_015447_000000413098_00190_46325_5533.N1	09-JAN-2011 01:54:47	Dark	41.000	71	lot Car	2.2460	7700.0	82	46325	No
33	GOM_NL__2PRFIN20110109_015641_000000413098_00190_46325_5534.N1	09-JAN-2011 01:56:41	Dark	41.000	46	Del Vel	1.9540	10600.	82	46325	No
34	GOM_NL__2PRFIN20110109_015927_000000443098_00190_46325_5535.N1	09-JAN-2011 01:59:27	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	46325	No
35	GOM_NL__2PRFIN20110109_020137_000000443098_00190_46325_5536.N1	09-JAN-2011 02:01:37	Dark	43.500	70	Zet Pup	2.2460	39000.	87	46325	No
36	GOM_NL__2PRFIN20110109_020326_000000463098_00190_46325_5537.N1	09-JAN-2011 02:03:26	Straylight	45.500	117	Pi Pup	2.7060	3800.0	91	46325	No
37	GOM_NL__2PRFIN20110109_020604_000000463098_00190_46325_5538.N1	09-JAN-2011 02:06:04	Straylight	45.500	23	21Eps CMa	1.5020	26000.	91	46325	No
38	GOM_NL__2PRFIN20110109_020732_000000423098_00190_46325_5539.N1	09-JAN-2011 02:07:32	Straylight	41.500	179	24Omi2CMa	3.0320	24000.	83	46325	No
39	GOM_NL__2PRFIN20110109_020949_000000493098_00190_46325_5540.N1	09-JAN-2011 02:09:49	Straylight	48.500	1	9Alp CMa	-1.4400	11000.	97	46325	No
40	GOM_NL__2PRFIN20110109_021709_000000643098_00190_46325_5541.N1	09-JAN-2011 02:17:09	Twilight	64.000	8	10Alp CMi	0.40000	6500.0	128	46325	No
41	GOM_NL__2PRFIN20110109_021950_000000463098_00190_46325_5542.N1	09-JAN-2011 02:19:50	Twilight	46.000	44	24Gam Gem	1.9280	11000.	92	46325	No
42	GOM_NL__2PRFIN20110109_022131_000000493098_00190_46325_5543.N1	09-JAN-2011 02:21:31	Bright	49.000	151	13Mu Gem	2.8900	3000.0	98	46325	No

43	GOM_NL__2PRFIN20110109_022536_000000373098_00190_46325_5544.N1	09-JAN-2011 02:25:36	Bright	37.000	107	37The Aur	2.6490	11000.	74	46325	No
44	GOM_NL__2PRFIN20110109_022748_000000383098_00190_46325_5545.N1	09-JAN-2011 02:27:48	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	46325	No
45	GOM_NL__2PRFIN20110109_024422_000000393098_00190_46325_5546.N1	09-JAN-2011 02:44:22	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	46325	No
46	GOM_NL__2PRFIN20110109_024829_000000383098_00190_46325_5547.N1	09-JAN-2011 02:48:29	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	46325	No
47	GOM_NL__2PRFIN20110109_025537_000000463098_00190_46325_5548.N1	09-JAN-2011 02:55:37	Bright	45.500	180	27Gam Boo	3.0400	8000.0	91	46325	No
48	GOM_NL__2PRFIN20110109_025942_000000703098_00190_46325_5549.N1	09-JAN-2011 02:59:42	Bright	70.000	83		2.3780	11000.	140	46325	No
49	GOM_NL__2PRFIN20110109_030512_000000393098_00190_46325_5550.N1	09-JAN-2011 03:05:12	Bright	39.000	102	24Alp Ser	2.6000	4250.0	78	46325	No
50	GOM_NL__2PRFIN20110109_031037_000000463098_00190_46325_5551.N1	09-JAN-2011 03:10:37	Twi_and_stray	45.500	104	27Bet Lib	2.6140	13100.	91	46325	No
51	GOM_NL__2PRFIN20110109_031334_000000473098_00190_46325_5552.N1	09-JAN-2011 03:13:34	Twi_and_stray	46.500	122	9Alp2Lib	2.7470	9700.0	93	46325	No
52	GOM_NL__2PRFIN20110109_031952_000000403098_00190_46325_5553.N1	09-JAN-2011 03:19:52	Dark	40.000	109	Bet Lup	2.6770	26000.	80	46325	No
53	GOM_NL__2PRFIN20110109_032122_000000403098_00190_46325_5554.N1	09-JAN-2011 03:21:22	Dark	39.500	78	Alp Lup	2.3040	28000.	79	46325	No
54	GOM_NL__2PRFIN20110109_032309_000000413098_00190_46325_5555.N1	09-JAN-2011 03:23:09	Dark	41.000	95	Zet Cen	2.5450	26000.	82	46325	No
55	GOM_NL__2PRFIN20110109_032446_000000433098_00191_46326_5543.N1	09-JAN-2011 03:24:46	Dark	42.500	77	Eps Cen	2.3030	28000.	85	46326	No
56	GOM_NL__2PRFIN20110109_032727_000000433098_00191_46326_5544.N1	09-JAN-2011 03:27:27	Dark	43.000	20	Bet Cru	1.2530	30000.	86	46326	No
57	GOM_NL__2PRFIN20110109_033309_000000513098_00191_46326_5545.N1	09-JAN-2011 03:33:09	Dark	50.500	113	Mu Vel	2.6920	5000.0	101	46326	No
58	GOM_NL__2PRFIN20110109_033502_000000433098_00191_46326_5546.N1	09-JAN-2011 03:35:02	Dark	42.500	71	lot Car	2.2460	7700.0	85	46326	No
59	GOM_NL__2PRFIN20110109_033655_000000453098_00191_46326_5547.N1	09-JAN-2011 03:36:55	Dark	44.500	46	Del Vel	1.9540	10600.	89	46326	No
60	GOM_NL__2PRFIN20110109_033942_000000443098_00191_46326_5548.N1	09-JAN-2011 03:39:42	Dark	43.500	34	Gam2Vel	1.7930	23000.	87	46326	No
61	GOM_NL__2PRFIN20110109_034151_000000483098_00191_46326_5549.N1	09-JAN-2011 03:41:51	Dark	47.500	70	Zet Pup	2.2460	39000.	95	46326	No
62	GOM_NL__2PRFIN20110109_034341_000000483098_00191_46326_5550.N1	09-JAN-2011 03:43:41	Straylight	47.500	117	Pi Pup	2.7060	3800.0	95	46326	No
63	GOM_NL__2PRFIN20110109_034619_000000463098_00191_46326_5551.N1	09-JAN-2011 03:46:19	Straylight	45.500	23	21Eps CMa	1.5020	26000.	91	46326	No
64	GOM_NL__2PRFIN20110109_034746_000000403098_00191_46326_5552.N1	09-JAN-2011 03:47:46	Straylight	40.000	179	24Omi2CMa	3.0320	24000.	80	46326	No
65	GOM_NL__2PRFIN20110109_035004_000000483098_00191_46326_5553.N1	09-JAN-2011 03:50:04	Straylight	48.000	1	9Alp CMa	-1.4400	11000.	96	46326	No
66	GOM_NL__2PRFIN20110109_035723_000000703098_00191_46326_5554.N1	09-JAN-2011 03:57:23	Twi_and_stray	70.000	8	10Alp CMi	0.40000	6500.0	140	46326	No
67	GOM_NL__2PRFIN20110109_040004_000000403098_00191_46326_5555.N1	09-JAN-2011 04:00:04	Twi_and_stray	39.500	44	24Gam Gem	1.9280	11000.	79	46326	No
68	GOM_NL__2PRFIN20110109_040145_000000443098_00191_46326_5556.N1	09-JAN-2011 04:01:45	Bright	44.000	151	13Mu Gem	2.8900	3000.0	88	46326	No
69	GOM_NL__2PRFIN20110109_040550_000000383098_00191_46326_5557.N1	09-JAN-2011 04:05:50	Bright	37.500	107	37The Aur	2.6490	11000.	75	46326	No
70	GOM_NL__2PRFIN20110109_040802_000000393098_00191_46326_5558.N1	09-JAN-2011 04:08:02	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	46326	No
71	GOM_NL__2PRFIN20110109_042436_000000393098_00191_46326_5559.N1	09-JAN-2011 04:24:36	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46326	No
72	GOM_NL__2PRFIN20110109_042843_000000383098_00191_46326_5560.N1	09-JAN-2011 04:28:43	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	46326	No
73	GOM_NL__2PRFIN20110109_043551_000000533098_00191_46326_5561.N1	09-JAN-2011 04:35:51	Bright	53.000	180	27Gam Boo	3.0400	8000.0	106	46326	No
74	GOM_NL__2PRFIN20110109_043957_000000703098_00191_46326_5562.N1	09-JAN-2011 04:39:57	Bright	70.000	83		2.3780	11000.	140	46326	No
75	GOM_NL__2PRFIN20110109_044527_000000583098_00191_46326_5563.N1	09-JAN-2011 04:45:27	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46326	No
76	GOM_NL__2PRFIN20110109_045051_000000473098_00191_46326_5564.N1	09-JAN-2011 04:50:51	Twi_and_stray	47.000	104	27Bet Lib	2.6140	13100.	94	46326	No
77	GOM_NL__2PRFIN20110109_045349_000000463098_00191_46326_5565.N1	09-JAN-2011 04:53:49	Twi_and_stray	46.000	122	9Alp2Lib	2.7470	9700.0	92	46326	No
78	GOM_NL__2PRFIN20110109_050006_000000423098_00191_46326_5566.N1	09-JAN-2011 05:00:06	Dark	41.500	109	Bet Lup	2.6770	26000.	83	46326	No
79	GOM_NL__2PRFIN20110109_050136_000000403098_00191_46326_5567.N1	09-JAN-2011 05:01:36	Dark	40.000	78	Alp Lup	2.3040	28000.	80	46326	No
80	GOM_NL__2PRFIN20110109_050324_000000423098_00191_46326_5568.N1	09-JAN-2011 05:03:24	Dark	41.500	95	Zet Cen	2.5450	26000.	83	46326	No
81	GOM_NL__2PRFIN20110109_050501_000000413098_00192_46327_5555.N1	09-JAN-2011 05:05:01	Dark	40.500	77	Eps Cen	2.3030	28000.	81	46327	No
82	GOM_NL__2PRFIN20110109_050742_000000423098_00192_46327_5556.N1	09-JAN-2011 05:07:42	Dark	42.000	20	Bet Cru	1.2530	30000.	84	46327	No
83	GOM_NL__2PRFIN20110109_051324_000000453098_00192_46327_5557.N1	09-JAN-2011 05:13:24	Dark	45.000	113	Mu Vel	2.6920	5000.0	90	46327	No
84	GOM_NL__2PRFIN20110109_051517_000000393098_00192_46327_5558.N1	09-JAN-2011 05:15:17	Dark	39.000	71	lot Car	2.2460	7700.0	78	46327	No
85	GOM_NL__2PRFIN20110109_051710_000000433098_00192_46327_5559.N1	09-JAN-2011 05:17:10	Dark	42.500	46	Del Vel	1.9540	10600.	85	46327	No
86	GOM_NL__2PRFIN20110109_051956_000000453098_00192_46327_5560.N1	09-JAN-2011 05:19:56	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	46327	No
87	GOM_NL__2PRFIN20110109_052206_000000453098_00192_46327_5561.N1	09-JAN-2011 05:22:06	Dark	44.500	70	Zet Pup	2.2460	39000.	89	46327	No
88	GOM_NL__2PRFIN20110109_052355_000000463098_00192_46327_5562.N1	09-JAN-2011 05:23:55	Straylight	45.500	117	Pi Pup	2.7060	3800.0	91	46327	No
89	GOM_NL__2PRFIN20110109_052633_000000453098_00192_46327_5563.N1	09-JAN-2011 05:26:33	Straylight	44.500	23	21Eps CMa	1.5020	26000.	89	46327	No
90	GOM_NL__2PRFIN20110109_052800_000000433098_00192_46327_5564.N1	09-JAN-2011 05:28:00	Straylight	43.000	179	24Omi2CMa	3.0320	24000.	86	46327	No
91	GOM_NL__2PRFIN20110109_053018_000000493098_00192_46327_5565.N1	09-JAN-2011 05:30:18	Straylight	49.000	1	9Alp CMa	-1.4400	11000.	98	46327	No
92	GOM_NL__2PRFIN20110109_053737_000000613098_00192_46327_5566.N1	09-JAN-2011 05:37:37	Twi_and_stray	61.000	8	10Alp CMi	0.40000	6500.0	122	46327	No
93	GOM_NL__2PRFIN20110109_054018_000000473098_00192_46327_5567.N1	09-JAN-2011 05:40:18	Twi_and_stray	47.000	44	24Gam Gem	1.9280	11000.	94	46327	No
94	GOM_NL__2PRFIN20110109_054159_000000483098_00192_46327_5568.N1	09-JAN-2011 05:41:59	Bright	48.000	151	13Mu Gem	2.8900	3000.0	96	46327	No
95	GOM_NL__2PRFIN20110109_054604_000000363098_00192_46327_5569.N1	09-JAN-2011 05:46:04	Bright	35.500	107	37The Aur	2.6490	11000.	71	46327	No
96	GOM_NL__2PRFIN20110109_054816_000000393098_00192_46327_5570.N1	09-JAN-2011 05:48:16	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	46327	No
97	GOM_NL__2PRFIN20110109_060450_000000403098_00192_46327_5571.N1	09-JAN-2011 06:04:50	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46327	No
98	GOM_NL__2PRFIN20110109_060857_000000383098_00192_46327_5572.N1	09-JAN-2011 06:08:57	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	46327	No
99	GOM_NL__2PRFIN20110109_061605_000000473098_00192_46327_5573.N1	09-JAN-2011 06:16:05	Bright	46.500	180	27Gam Boo	3.0400	8000.0	93	46327	No
100	GOM_NL__2PRFIN20110109_062011_000000703098_00192_46327_5574.N1	09-JAN-2011 06:20:11	Bright	70.000	83		2.3780	11000.	140	46327	No
101	GOM_NL__2PRFIN20110109_062541_000000583098_00192_46327_5575.N1	09-JAN-2011 06:25:41	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46327	No

102	GOM_NL__2PRFIN20110109_063106_000000453098_00192_46327_5576.N1	09-JAN-2011 06:31:06	Twilight	45.000	104	27Bet Lib	2.6140	13100.	90	46327	No
103	GOM_NL__2PRFIN20110109_063404_000000493098_00192_46327_5577.N1	09-JAN-2011 06:34:04	Twilight	49.000	122	9Alp2Lib	2.7470	9700.0	98	46327	No
104	GOM_NL__2PRFIN20110109_064021_000000413098_00192_46327_5578.N1	09-JAN-2011 06:40:21	Dark	40.500	109	Bet Lup	2.6770	26000.	81	46327	No
105	GOM_NL__2PRFIN20110109_064151_000000433098_00192_46327_5579.N1	09-JAN-2011 06:41:51	Dark	42.500	78	Alp Lup	2.3040	28000.	85	46327	No
106	GOM_NL__2PRFIN20110109_064339_000000443098_00192_46327_5580.N1	09-JAN-2011 06:43:39	Dark	43.500	95	Zet Cen	2.5450	26000.	87	46327	No
107	GOM_NL__2PRFIN20110109_064515_000000433098_00193_46328_5564.N1	09-JAN-2011 06:45:15	Dark	42.500	77	Eps Cen	2.3030	28000.	85	46328	No
108	GOM_NL__2PRFIN20110109_064756_000000423098_00193_46328_5565.N1	09-JAN-2011 06:47:56	Dark	41.500	20	Bet Cru	1.2530	30000.	83	46328	No
109	GOM_NL__2PRFIN20110109_065339_000000533098_00193_46328_5566.N1	09-JAN-2011 06:53:39	Dark	52.500	113	Mu Vel	2.6920	5000.0	105	46328	No
110	GOM_NL__2PRFIN20110109_065531_000000413098_00193_46328_5567.N1	09-JAN-2011 06:55:31	Dark	41.000	71	lot Car	2.2460	7700.0	82	46328	No
111	GOM_NL__2PRFIN20110109_065724_000000443098_00193_46328_5568.N1	09-JAN-2011 06:57:24	Dark	44.000	46	Del Vel	1.9540	10600.	88	46328	No
112	GOM_NL__2PRFIN20110109_070011_000000433098_00193_46328_5569.N1	09-JAN-2011 07:00:11	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	46328	No
113	GOM_NL__2PRFIN20110109_070221_000000453098_00193_46328_5570.N1	09-JAN-2011 07:02:21	Dark	44.500	70	Zet Pup	2.2460	39000.	89	46328	No
114	GOM_NL__2PRFIN20110109_070409_000000483098_00193_46328_5571.N1	09-JAN-2011 07:04:09	Straylight	48.000	117	Pi Pup	2.7060	3800.0	96	46328	No
115	GOM_NL__2PRFIN20110109_070647_000000433098_00193_46328_5572.N1	09-JAN-2011 07:06:47	Straylight	43.000	23	21Eps CMa	1.5020	26000.	86	46328	No
116	GOM_NL__2PRFIN20110109_070815_000000433098_00193_46328_5573.N1	09-JAN-2011 07:08:15	Straylight	42.500	179	24Omi2CMa	3.0320	24000.	85	46328	No
117	GOM_NL__2PRFIN20110109_071032_000000463098_00193_46328_5574.N1	09-JAN-2011 07:10:32	Straylight	45.500	1	9Alp CMa	-1.4400	11000.	91	46328	No
118	GOM_NL__2PRFIN20110109_071750_000000653098_00193_46328_5575.N1	09-JAN-2011 07:17:50	Twilight	65.000	8	10Alp CMi	0.40000	6500.0	130	46328	No
119	GOM_NL__2PRFIN20110109_072032_000000493098_00193_46328_5576.N1	09-JAN-2011 07:20:32	Twilight	49.000	44	24Gam Gem	1.9280	11000.	98	46328	No
120	GOM_NL__2PRFIN20110109_072213_000000443098_00193_46328_5577.N1	09-JAN-2011 07:22:13	Bright	43.500	151	13Mu Gem	2.8900	3000.0	87	46328	No
121	GOM_NL__2PRFIN20110109_072618_000000363098_00193_46328_5578.N1	09-JAN-2011 07:26:18	Bright	36.000	107	37The Aur	2.6490	11000.	72	46328	No
122	GOM_NL__2PRFIN20110109_072830_000000383098_00193_46328_5579.N1	09-JAN-2011 07:28:30	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	46328	No
123	GOM_NL__2PRFIN20110109_074504_000000393098_00193_46328_5580.N1	09-JAN-2011 07:45:04	Bright	38.500	60	7Bet UMi	2.0810	3950.0	77	46328	No
124	GOM_NL__2PRFIN20110109_074911_000000373098_00193_46328_5581.N1	09-JAN-2011 07:49:11	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	46328	No
125	GOM_NL__2PRFIN20110109_075619_000000693098_00193_46328_5582.N1	09-JAN-2011 07:56:19	Bright	69.000	180	27Gam Boo	3.0400	8000.0	138	46328	No
126	GOM_NL__2PRFIN20110109_080025_000000703098_00193_46328_5583.N1	09-JAN-2011 08:00:25	Bright	70.000	83		2.3780	11000.	140	46328	No
127	GOM_NL__2PRFIN20110109_080556_000000583098_00193_46328_5584.N1	09-JAN-2011 08:05:56	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46328	No
128	GOM_NL__2PRFIN20110109_081121_000000463098_00193_46328_5585.N1	09-JAN-2011 08:11:21	Twilight	46.000	104	27Bet Lib	2.6140	13100.	92	46328	No
129	GOM_NL__2PRFIN20110109_081419_000000483098_00193_46328_5586.N1	09-JAN-2011 08:14:19	Twilight	47.500	122	9Alp2Lib	2.7470	9700.0	95	46328	No
130	GOM_NL__2PRFIN20110109_082036_000000393098_00193_46328_5587.N1	09-JAN-2011 08:20:36	Dark	39.000	109	Bet Lup	2.6770	26000.	78	46328	No
131	GOM_NL__2PRFIN20110109_082206_000000393098_00193_46328_5588.N1	09-JAN-2011 08:22:06	Dark	39.000	78	Alp Lup	2.3040	28000.	78	46328	No
132	GOM_NL__2PRFIN20110109_082354_000000433098_00193_46328_5589.N1	09-JAN-2011 08:23:54	Dark	42.500	95	Zet Cen	2.5450	26000.	85	46328	No
133	GOM_NL__2PRFIN20110109_082530_000000413098_00194_46329_5589.N1	09-JAN-2011 08:25:30	Dark	41.000	77	Eps Cen	2.3030	28000.	82	46329	No
134	GOM_NL__2PRFIN20110109_082811_000000433098_00194_46329_5590.N1	09-JAN-2011 08:28:11	Dark	42.500	20	Bet Cru	1.2530	30000.	85	46329	No
135	GOM_NL__2PRFIN20110109_083354_000000513098_00194_46329_5591.N1	09-JAN-2011 08:33:54	Dark	51.000	113	Mu Vel	2.6920	5000.0	102	46329	No
136	GOM_NL__2PRFIN20110109_083546_000000403098_00194_46329_5592.N1	09-JAN-2011 08:35:46	Dark	39.500	71	lot Car	2.2460	7700.0	79	46329	No
137	GOM_NL__2PRFIN20110109_083739_000000423098_00194_46329_5593.N1	09-JAN-2011 08:37:39	Dark	41.500	46	Del Vel	1.9540	10600.	83	46329	No
138	GOM_NL__2PRFIN20110109_084025_000000433098_00194_46329_5594.N1	09-JAN-2011 08:40:25	Dark	42.500	34	Gam2Vel	1.7930	23000.	85	46329	No
139	GOM_NL__2PRFIN20110109_084235_000000463098_00194_46329_5595.N1	09-JAN-2011 08:42:35	Dark	45.500	70	Zet Pup	2.2460	39000.	91	46329	No
140	GOM_NL__2PRFIN20110109_084424_000000473098_00194_46329_5596.N1	09-JAN-2011 08:44:24	Straylight	46.500	117	Pi Pup	2.7060	3800.0	93	46329	No
141	GOM_NL__2PRFIN20110109_084702_000000443098_00194_46329_5597.N1	09-JAN-2011 08:47:02	Straylight	44.000	23	21Eps CMa	1.5020	26000.	88	46329	No
142	GOM_NL__2PRFIN20110109_084829_000000413098_00194_46329_5598.N1	09-JAN-2011 08:48:29	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	46329	No
143	GOM_NL__2PRFIN20110109_085047_000000453098_00194_46329_5599.N1	09-JAN-2011 08:50:47	Straylight	45.000	1	9Alp CMa	-1.4400	11000.	90	46329	No
144	GOM_NL__2PRFIN20110109_085804_000000613098_00194_46329_5600.N1	09-JAN-2011 08:58:04	Twilight	61.000	8	10Alp CMi	0.40000	6500.0	122	46329	No
145	GOM_NL__2PRFIN20110109_090046_000000433098_00194_46329_5601.N1	09-JAN-2011 09:00:46	Twilight	43.000	44	24Gam Gem	1.9280	11000.	86	46329	No
146	GOM_NL__2PRFIN20110109_090227_000000483098_00194_46329_5602.N1	09-JAN-2011 09:02:27	Bright	47.500	151	13Mu Gem	2.8900	3000.0	95	46329	No
147	GOM_NL__2PRFIN20110109_090632_000000383098_00194_46329_5603.N1	09-JAN-2011 09:06:32	Bright	37.500	107	37The Aur	2.6490	11000.	75	46329	No
148	GOM_NL__2PRFIN20110109_090844_000000373098_00194_46329_5604.N1	09-JAN-2011 09:08:44	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	46329	No
149	GOM_NL__2PRFIN20110109_092518_000000403098_00194_46329_5605.N1	09-JAN-2011 09:25:18	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46329	No
150	GOM_NL__2PRFIN20110109_092926_000000383098_00194_46329_5606.N1	09-JAN-2011 09:29:26	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	46329	No
151	GOM_NL__2PRFIN20110109_093633_000000693098_00194_46329_5607.N1	09-JAN-2011 09:36:33	Bright	69.000	180	27Gam Boo	3.0400	8000.0	138	46329	No
152	GOM_NL__2PRFIN20110109_094040_000000703098_00194_46329_5608.N1	09-JAN-2011 09:40:40	Bright	70.000	83		2.3780	11000.	140	46329	No
153	GOM_NL__2PRFIN20110109_094610_000000583098_00194_46329_5609.N1	09-JAN-2011 09:46:10	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46329	No
154	GOM_NL__2PRFIN20110109_095135_000000493098_00194_46329_5610.N1	09-JAN-2011 09:51:35	Twilight	48.500	104	27Bet Lib	2.6140	13100.	97	46329	No
155	GOM_NL__2PRFIN20110109_095434_000000473098_00194_46329_5611.N1	09-JAN-2011 09:54:34	Twilight	47.000	122	9Alp2Lib	2.7470	9700.0	94	46329	No
156	GOM_NL__2PRFIN20110109_100050_000000423098_00194_46329_5612.N1	09-JAN-2011 10:00:50	Dark	42.000	109	Bet Lup	2.6770	26000.	84	46329	No
157	GOM_NL__2PRFIN20110109_100220_000000423098_00194_46329_5613.N1	09-JAN-2011 10:02:20	Dark	42.000	78	Alp Lup	2.3040	28000.	84	46329	No
158	GOM_NL__2PRFIN20110109_100408_000000433098_00194_46329_5614.N1	09-JAN-2011 10:04:08	Dark	43.000	95	Zet Cen	2.5450	26000.	86	46329	No
159	GOM_NL__2PRFIN20110109_100545_000000433098_00195_46330_5614.N1	09-JAN-2011 10:05:45	Dark	43.000	77	Eps Cen	2.3030	28000.	86	46330	No
160	GOM_NL__2PRFIN20110109_100825_000000433098_00195_46330_5615.N1	09-JAN-2011 10:08:25	Dark	42.500	20	Bet Cru	1.2530	30000.	85	46330	No

161	GOM_NL__2PRFIN20110109_101409_000000483098_00195_46330_5616.N1	09-JAN-2011 10:14:09	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	46330	No
162	GOM_NL__2PRFIN20110109_101600_000000403098_00195_46330_5617.N1	09-JAN-2011 10:16:00	Dark	39.500	71	lot Car	2.2460	7700.0	79	46330	No
163	GOM_NL__2PRFIN20110109_101753_000000433098_00195_46330_5618.N1	09-JAN-2011 10:17:53	Dark	42.500	46	Del Vel	1.9540	10600.	85	46330	No
164	GOM_NL__2PRFIN20110109_102039_000000403098_00195_46330_5619.N1	09-JAN-2011 10:20:39	Dark	40.000	34	Gam2Vel	1.7930	23000.	80	46330	No
165	GOM_NL__2PRFIN20110109_102249_000000473098_00195_46330_5620.N1	09-JAN-2011 10:22:49	Dark	46.500	70	Zet Pup	2.2460	39000.	93	46330	No
166	GOM_NL__2PRFIN20110109_102438_000000393098_00195_46330_5621.N1	09-JAN-2011 10:24:38	Dark	39.000	117	Pi Pup	2.7060	3800.0	78	46330	No
167	GOM_NL__2PRFIN20110109_102716_000000453098_00195_46330_5622.N1	09-JAN-2011 10:27:16	Straylight	45.000	23	21Eps CMa	1.5020	26000.	90	46330	No
168	GOM_NL__2PRFIN20110109_102843_000000413098_00195_46330_5623.N1	09-JAN-2011 10:28:43	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	46330	No
169	GOM_NL__2PRFIN20110109_103101_000000493098_00195_46330_5624.N1	09-JAN-2011 10:31:01	Straylight	49.000	1	9Alp CMa	-1.4400	11000.	98	46330	No
170	GOM_NL__2PRFIN20110109_103818_000000633098_00195_46330_5625.N1	09-JAN-2011 10:38:18	Tw_i_and_stray	62.500	8	10Alp CMi	0.40000	6500.0	125	46330	No
171	GOM_NL__2PRFIN20110109_104100_000000503098_00195_46330_5626.N1	09-JAN-2011 10:41:00	Tw_i_and_stray	49.500	44	24Gam Gem	1.9280	11000.	99	46330	No
172	GOM_NL__2PRFIN20110109_104241_000000423098_00195_46330_5627.N1	09-JAN-2011 10:42:41	Bright	42.000	151	13Mu Gem	2.8900	3000.0	84	46330	No
173	GOM_NL__2PRFIN20110109_104645_000000383098_00195_46330_5628.N1	09-JAN-2011 10:46:45	Bright	37.500	107	37The Aur	2.6490	11000.	75	46330	No
174	GOM_NL__2PRFIN20110109_104858_000000393098_00195_46330_5629.N1	09-JAN-2011 10:48:58	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	46330	No
175	GOM_NL__2PRFIN20110109_110532_000000383098_00195_46330_5630.N1	09-JAN-2011 11:05:32	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	46330	No
176	GOM_NL__2PRFIN20110109_110939_000000383098_00195_46330_5631.N1	09-JAN-2011 11:09:39	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	46330	No
177	GOM_NL__2PRFIN20110109_111647_000000513098_00195_46330_5632.N1	09-JAN-2011 11:16:47	Bright	51.000	180	27Gam Boo	3.0400	8000.0	102	46330	No
178	GOM_NL__2PRFIN20110109_112054_000000703098_00195_46330_5633.N1	09-JAN-2011 11:20:54	Bright	70.000	83		2.3780	11000.	140	46330	No
179	GOM_NL__2PRFIN20110109_112624_000000413098_00195_46330_5634.N1	09-JAN-2011 11:26:24	Bright	40.500	102	24Alp Ser	2.6000	4250.0	81	46330	No
180	GOM_NL__2PRFIN20110109_113150_000000473098_00195_46330_5635.N1	09-JAN-2011 11:31:50	Tw_i_and_stray	46.500	104	27Bet Lib	2.6140	13100.	93	46330	No
181	GOM_NL__2PRFIN20110109_113448_000000483098_00195_46330_5636.N1	09-JAN-2011 11:34:48	Tw_i_and_stray	47.500	122	9Alp2Lib	2.7470	9700.0	95	46330	No
182	GOM_NL__2PRFIN20110109_114105_000000413098_00195_46330_5637.N1	09-JAN-2011 11:41:05	Dark	41.000	109	Bet Lup	2.6770	26000.	82	46330	No
183	GOM_NL__2PRFIN20110109_114235_000000423098_00195_46330_5638.N1	09-JAN-2011 11:42:35	Dark	42.000	78	Alp Lup	2.3040	28000.	84	46330	No
184	GOM_NL__2PRFIN20110109_114423_000000423098_00195_46330_5639.N1	09-JAN-2011 11:44:23	Dark	42.000	95	Zet Cen	2.5450	26000.	84	46330	No
185	GOM_NL__2PRFIN20110109_114559_000000413098_00196_46331_5644.N1	09-JAN-2011 11:45:59	Dark	40.500	77	Eps Cen	2.3030	28000.	81	46331	No
186	GOM_NL__2PRFIN20110109_114840_000000423098_00196_46331_5645.N1	09-JAN-2011 11:48:40	Dark	42.000	20	Bet Cru	1.2530	30000.	84	46331	No
187	GOM_NL__2PRFIN20110109_115423_000000473098_00196_46331_5646.N1	09-JAN-2011 11:54:23	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46331	No
188	GOM_NL__2PRFIN20110109_115615_000000433098_00196_46331_5647.N1	09-JAN-2011 11:56:15	Dark	42.500	71	lot Car	2.2460	7700.0	85	46331	No
189	GOM_NL__2PRFIN20110109_115808_000000413098_00196_46331_5648.N1	09-JAN-2011 11:58:08	Dark	40.500	46	Del Vel	1.9540	10600.	81	46331	No
190	GOM_NL__2PRFIN20110109_120054_000000453098_00196_46331_5649.N1	09-JAN-2011 12:00:54	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	46331	No
191	GOM_NL__2PRFIN20110109_120303_000000453098_00196_46331_5650.N1	09-JAN-2011 12:03:03	Dark	44.500	70	Zet Pup	2.2460	39000.	89	46331	No
192	GOM_NL__2PRFIN20110109_120452_000000463098_00196_46331_5651.N1	09-JAN-2011 12:04:52	Straylight	46.000	117	Pi Pup	2.7060	3800.0	92	46331	No
193	GOM_NL__2PRFIN20110109_120730_000000463098_00196_46331_5652.N1	09-JAN-2011 12:07:30	Straylight	45.500	23	21Eps CMa	1.5020	26000.	91	46331	No
194	GOM_NL__2PRFIN20110109_120857_000000413098_00196_46331_5653.N1	09-JAN-2011 12:08:57	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	46331	No
195	GOM_NL__2PRFIN20110109_121115_000000523098_00196_46331_5654.N1	09-JAN-2011 12:11:15	Straylight	51.500	1	9Alp CMa	-1.4400	11000.	103	46331	No
196	GOM_NL__2PRFIN20110109_121831_000000593098_00196_46331_5655.N1	09-JAN-2011 12:18:31	Tw_i_and_stray	59.000	8	10Alp CMi	0.40000	6500.0	118	46331	No
197	GOM_NL__2PRFIN20110109_122114_000000463098_00196_46331_5656.N1	09-JAN-2011 12:21:14	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	46331	No
198	GOM_NL__2PRFIN20110109_122255_000000473098_00196_46331_5657.N1	09-JAN-2011 12:22:55	Bright	47.000	151	13Mu Gem	2.8900	3000.0	94	46331	No
199	GOM_NL__2PRFIN20110109_122659_000000383098_00196_46331_5658.N1	09-JAN-2011 12:26:59	Bright	38.000	107	37The Aur	2.6490	11000.	76	46331	No
200	GOM_NL__2PRFIN20110109_122911_000000383098_00196_46331_5659.N1	09-JAN-2011 12:29:11	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	46331	No
201	GOM_NL__2PRFIN20110109_124546_000000373098_00196_46331_5660.N1	09-JAN-2011 12:45:46	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	46331	No
202	GOM_NL__2PRFIN20110109_124953_000000363098_00196_46331_5661.N1	09-JAN-2011 12:49:53	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	46331	No
203	GOM_NL__2PRFIN20110109_125701_000000573098_00196_46331_5662.N1	09-JAN-2011 12:57:01	Bright	57.000	180	27Gam Boo	3.0400	8000.0	114	46331	No
204	GOM_NL__2PRFIN20110109_130108_000000703098_00196_46331_5663.N1	09-JAN-2011 13:01:08	Bright	70.000	83		2.3780	11000.	140	46331	No
205	GOM_NL__2PRFIN20110109_130639_000000583098_00196_46331_5664.N1	09-JAN-2011 13:06:39	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46331	No
206	GOM_NL__2PRFIN20110109_131205_000000453098_00196_46331_5665.N1	09-JAN-2011 13:12:05	Tw_i_and_stray	44.500	104	27Bet Lib	2.6140	13100.	89	46331	No
207	GOM_NL__2PRFIN20110109_131503_000000483098_00196_46331_5666.N1	09-JAN-2011 13:15:03	Tw_i_and_stray	47.500	122	9Alp2Lib	2.7470	9700.0	95	46331	No
208	GOM_NL__2PRFIN20110109_132119_000000423098_00196_46331_5667.N1	09-JAN-2011 13:21:19	Dark	41.500	109	Bet Lup	2.6770	26000.	83	46331	No
209	GOM_NL__2PRFIN20110109_132250_000000403098_00196_46331_5668.N1	09-JAN-2011 13:22:50	Dark	39.500	78	Alp Lup	2.3040	28000.	79	46331	No
210	GOM_NL__2PRFIN20110109_132438_000000413098_00196_46331_5669.N1	09-JAN-2011 13:24:38	Dark	40.500	95	Zet Cen	2.5450	26000.	81	46331	No
211	GOM_NL__2PRFIN20110109_132614_000000433098_00197_46332_5672.N1	09-JAN-2011 13:26:14	Dark	43.000	77	Eps Cen	2.3030	28000.	86	46332	No
212	GOM_NL__2PRFIN20110109_132855_000000423098_00197_46332_5673.N1	09-JAN-2011 13:28:55	Dark	41.500	20	Bet Cru	1.2530	30000.	83	46332	No
213	GOM_NL__2PRFIN20110109_133438_000000583098_00197_46332_5674.N1	09-JAN-2011 13:34:38	Dark	58.000	113	Mu Vel	2.6920	5000.0	116	46332	No
214	GOM_NL__2PRFIN20110109_133629_000000483098_00197_46332_5675.N1	09-JAN-2011 13:36:29	Dark	48.000	71	lot Car	2.2460	7700.0	96	46332	No
215	GOM_NL__2PRFIN20110109_133822_000000483098_00197_46332_5676.N1	09-JAN-2011 13:38:22	Dark	48.000	46	Del Vel	1.9540	10600.	96	46332	No
216	GOM_NL__2PRFIN20110109_134108_000000433098_00197_46332_5677.N1	09-JAN-2011 13:41:08	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	46332	No
217	GOM_NL__2PRFIN20110109_134318_000000433098_00197_46332_5678.N1	09-JAN-2011 13:43:18	Dark	43.000	70	Zet Pup	2.2460	39000.	86	46332	No
218	GOM_NL__2PRFIN20110109_134506_000000473098_00197_46332_5679.N1	09-JAN-2011 13:45:06	Straylight	46.500	117	Pi Pup	2.7060	3800.0	93	46332	No
219	GOM_NL__2PRFIN20110109_134744_000000453098_00197_46332_5680.N1	09-JAN-2011 13:47:44	Straylight	44.500	23	21Eps CMa	1.5020	26000.	89	46332	No

220	GOM_NL__2PRFIN20110109_134911_000000433098_00197_46332_5681.N1	09-JAN-2011 13:49:11	Straylight	43.000	179	24Omi2CMA	3.0320	24000.	86	46332	No
221	GOM_NL__2PRFIN20110109_135129_000000533098_00197_46332_5682.N1	09-JAN-2011 13:51:29	Straylight	52.500	1	9Alp CMA	-1.4400	11000.	105	46332	No
222	GOM_NL__2PRFIN20110109_135845_000000593098_00197_46332_5683.N1	09-JAN-2011 13:58:45	Tw_i_and_stray	59.000	8	10Alp CMi	0.40000	6500.0	118	46332	No
223	GOM_NL__2PRFIN20110109_140128_000000463098_00197_46332_5684.N1	09-JAN-2011 14:01:28	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	46332	No
224	GOM_NL__2PRFIN20110109_140308_000000563098_00197_46332_5685.N1	09-JAN-2011 14:03:08	Bright	56.000	151	13Mu Gem	2.8900	3000.0	112	46332	No
225	GOM_NL__2PRFIN20110109_140713_000000383098_00197_46332_5686.N1	09-JAN-2011 14:07:13	Bright	38.000	107	37The Aur	2.6490	11000.	76	46332	No
226	GOM_NL__2PRFIN20110109_140926_000000373098_00197_46332_5687.N1	09-JAN-2011 14:09:26	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	46332	No
227	GOM_NL__2PRFIN20110109_142600_000000403098_00197_46332_5688.N1	09-JAN-2011 14:26:00	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46332	No
228	GOM_NL__2PRFIN20110109_143007_000000373098_00197_46332_5689.N1	09-JAN-2011 14:30:07	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	46332	No
229	GOM_NL__2PRFIN20110109_143715_000000593098_00197_46332_5690.N1	09-JAN-2011 14:37:15	Bright	59.000	180	27Gam Boo	3.0400	8000.0	118	46332	No
230	GOM_NL__2PRFIN20110109_144122_000000503098_00197_46332_5691.N1	09-JAN-2011 14:41:22	Bright	49.500	83		2.3780	11000.	99	46332	No
231	GOM_NL__2PRFIN20110109_144653_000000583098_00197_46332_5692.N1	09-JAN-2011 14:46:53	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46332	No
232	GOM_NL__2PRFIN20110109_145219_000000473098_00197_46332_5693.N1	09-JAN-2011 14:52:19	Tw_i_and_stray	47.000	104	27Bet Lib	2.6140	13100.	94	46332	No
233	GOM_NL__2PRFIN20110109_145518_000000473098_00197_46332_5694.N1	09-JAN-2011 14:55:18	Tw_i_and_stray	46.500	122	9Alp2Lib	2.7470	9700.0	93	46332	No
234	GOM_NL__2PRFIN20110109_150134_000000403098_00197_46332_5695.N1	09-JAN-2011 15:01:34	Dark	39.500	109	Bet Lup	2.6770	26000.	79	46332	No
235	GOM_NL__2PRFIN20110109_150304_000000473098_00197_46332_5696.N1	09-JAN-2011 15:03:04	Dark	46.500	78	Alp Lup	2.3040	28000.	93	46332	No
236	GOM_NL__2PRFIN20110109_150452_000000433098_00197_46332_5697.N1	09-JAN-2011 15:04:52	Dark	42.500	95	Zet Cen	2.5450	26000.	85	46332	No
237	GOM_NL__2PRFIN20110109_150629_000000413098_00198_46333_5717.N1	09-JAN-2011 15:06:29	Dark	41.000	77	Eps Cen	2.3030	28000.	82	46333	No
238	GOM_NL__2PRFIN20110109_150909_000000433098_00198_46333_5718.N1	09-JAN-2011 15:09:09	Dark	42.500	20	Bet Cru	1.2530	30000.	85	46333	No
239	GOM_NL__2PRFIN20110109_151453_000000483098_00198_46333_5719.N1	09-JAN-2011 15:14:53	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	46333	No
240	GOM_NL__2PRFIN20110109_151643_000000423098_00198_46333_5720.N1	09-JAN-2011 15:16:43	Dark	42.000	71	lot Car	2.2460	7700.0	84	46333	No
241	GOM_NL__2PRFIN20110109_151837_000000413098_00198_46333_5721.N1	09-JAN-2011 15:18:37	Dark	41.000	46	Del Vel	1.9540	10600.	82	46333	No
242	GOM_NL__2PRFIN20110109_152123_000000433098_00198_46333_5722.N1	09-JAN-2011 15:21:23	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	46333	No
243	GOM_NL__2PRFIN20110109_152332_000000483098_00198_46333_5723.N1	09-JAN-2011 15:23:32	Dark	47.500	70	Zet Pup	2.2460	39000.	95	46333	No
244	GOM_NL__2PRFIN20110109_152521_000000473098_00198_46333_5724.N1	09-JAN-2011 15:25:21	Straylight	46.500	117	Pi Pup	2.7060	3800.0	93	46333	No
245	GOM_NL__2PRFIN20110109_152758_000000453098_00198_46333_5725.N1	09-JAN-2011 15:27:58	Straylight	45.000	23	21Eps CMA	1.5020	26000.	90	46333	No
246	GOM_NL__2PRFIN20110109_152926_000000413098_00198_46333_5726.N1	09-JAN-2011 15:29:26	Straylight	41.000	179	24Omi2CMA	3.0320	24000.	82	46333	No
247	GOM_NL__2PRFIN20110109_153143_000000493098_00198_46333_5727.N1	09-JAN-2011 15:31:43	Straylight	48.500	1	9Alp CMA	-1.4400	11000.	97	46333	No
248	GOM_NL__2PRFIN20110109_153859_000000693098_00198_46333_5728.N1	09-JAN-2011 15:38:59	Tw_i_and_stray	69.000	8	10Alp CMi	0.40000	6500.0	138	46333	No
249	GOM_NL__2PRFIN20110109_154141_000000483098_00198_46333_5729.N1	09-JAN-2011 15:41:41	Tw_i_and_stray	48.000	44	24Gam Gem	1.9280	11000.	96	46333	No
250	GOM_NL__2PRFIN20110109_154322_000000433098_00198_46333_5730.N1	09-JAN-2011 15:43:22	Bright	43.000	151	13Mu Gem	2.8900	3000.0	86	46333	No
251	GOM_NL__2PRFIN20110109_154727_000000383098_00198_46333_5731.N1	09-JAN-2011 15:47:27	Bright	37.500	107	37The Aur	2.6490	11000.	75	46333	No
252	GOM_NL__2PRFIN20110109_154939_000000383098_00198_46333_5732.N1	09-JAN-2011 15:49:39	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	46333	No
253	GOM_NL__2PRFIN20110109_160613_000000393098_00198_46333_5733.N1	09-JAN-2011 16:06:13	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46333	No
254	GOM_NL__2PRFIN20110109_161021_000000383098_00198_46333_5734.N1	09-JAN-2011 16:10:21	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	46333	No
255	GOM_NL__2PRFIN20110109_161729_000000473098_00198_46333_5735.N1	09-JAN-2011 16:17:29	Bright	46.500	180	27Gam Boo	3.0400	8000.0	93	46333	No
256	GOM_NL__2PRFIN20110109_162137_000000493098_00198_46333_5736.N1	09-JAN-2011 16:21:37	Bright	49.000	83		2.3780	11000.	98	46333	No
257	GOM_NL__2PRFIN20110109_162707_000000583098_00198_46333_5737.N1	09-JAN-2011 16:27:07	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46333	No
258	GOM_NL__2PRFIN20110109_163234_000000493098_00198_46333_5738.N1	09-JAN-2011 16:32:34	Tw_i_and_stray	49.000	104	27Bet Lib	2.6140	13100.	98	46333	No
259	GOM_NL__2PRFIN20110109_163533_000000453098_00198_46333_5739.N1	09-JAN-2011 16:35:33	Tw_i_and_stray	45.000	122	9Alp2Lib	2.7470	9700.0	90	46333	No
260	GOM_NL__2PRFIN20110109_164149_000000393098_00198_46333_5740.N1	09-JAN-2011 16:41:49	Dark	39.000	109	Bet Lup	2.6770	26000.	78	46333	No
261	GOM_NL__2PRFIN20110109_164319_000000413098_00198_46333_5741.N1	09-JAN-2011 16:43:19	Dark	41.000	78	Alp Lup	2.3040	28000.	82	46333	No
262	GOM_NL__2PRFIN20110109_164507_000000433098_00198_46333_5742.N1	09-JAN-2011 16:45:07	Dark	42.500	95	Zet Cen	2.5450	26000.	85	46333	No
263	GOM_NL__2PRFIN20110109_164643_000000413098_00199_46334_5746.N1	09-JAN-2011 16:46:43	Dark	41.000	77	Eps Cen	2.3030	28000.	82	46334	No
264	GOM_NL__2PRFIN20110109_164924_000000453098_00199_46334_5747.N1	09-JAN-2011 16:49:24	Dark	45.000	20	Bet Cru	1.2530	30000.	90	46334	No
265	GOM_NL__2PRFIN20110109_165508_000000473098_00199_46334_5748.N1	09-JAN-2011 16:55:08	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46334	No
266	GOM_NL__2PRFIN20110109_165658_000000413098_00199_46334_5749.N1	09-JAN-2011 16:56:58	Dark	41.000	71	lot Car	2.2460	7700.0	82	46334	No
267	GOM_NL__2PRFIN20110109_165851_000000413098_00199_46334_5750.N1	09-JAN-2011 16:58:51	Dark	41.000	46	Del Vel	1.9540	10600.	82	46334	No
268	GOM_NL__2PRFIN20110109_170137_000000473098_00199_46334_5751.N1	09-JAN-2011 17:01:37	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	46334	No
269	GOM_NL__2PRFIN20110109_170347_000000463098_00199_46334_5752.N1	09-JAN-2011 17:03:47	Dark	45.500	70	Zet Pup	2.2460	39000.	91	46334	No
270	GOM_NL__2PRFIN20110109_170535_000000473098_00199_46334_5753.N1	09-JAN-2011 17:05:35	Straylight	47.000	117	Pi Pup	2.7060	3800.0	94	46334	No
271	GOM_NL__2PRFIN20110109_170813_000000473098_00199_46334_5754.N1	09-JAN-2011 17:08:13	Straylight	46.500	23	21Eps CMA	1.5020	26000.	93	46334	No
272	GOM_NL__2PRFIN20110109_170940_000000433098_00199_46334_5755.N1	09-JAN-2011 17:09:40	Straylight	42.500	179	24Omi2CMA	3.0320	24000.	85	46334	No
273	GOM_NL__2PRFIN20110109_171157_000000553098_00199_46334_5756.N1	09-JAN-2011 17:11:57	Straylight	54.500	1	9Alp CMA	-1.4400	11000.	109	46334	No
274	GOM_NL__2PRFIN20110109_171913_000000633098_00199_46334_5757.N1	09-JAN-2011 17:19:13	Tw_i_and_stray	62.500	8	10Alp CMi	0.40000	6500.0	125	46334	No
275	GOM_NL__2PRFIN20110109_172155_000000463098_00199_46334_5758.N1	09-JAN-2011 17:21:55	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	46334	No
276	GOM_NL__2PRFIN20110109_172336_000000463098_00199_46334_5759.N1	09-JAN-2011 17:23:36	Bright	45.500	151	13Mu Gem	2.8900	3000.0	91	46334	No
277	GOM_NL__2PRFIN20110109_172741_000000383098_00199_46334_5760.N1	09-JAN-2011 17:27:41	Bright	37.500	107	37The Aur	2.6490	11000.	75	46334	No
278	GOM_NL__2PRFIN20110109_172953_000000383098_00199_46334_5761.N1	09-JAN-2011 17:29:53	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	46334	No

279	GOM_NL__2PRFIN20110109_174628_000000373098_00199_46334_5762.N1	09-JAN-2011 17:46:28	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	46334	No
280	GOM_NL__2PRFIN20110109_175035_000000373098_00199_46334_5763.N1	09-JAN-2011 17:50:35	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	46334	No
281	GOM_NL__2PRFIN20110109_175743_000000563098_00199_46334_5764.N1	09-JAN-2011 17:57:43	Bright	56.000	180	27Gam Boo	3.0400	8000.0	112	46334	No
282	GOM_NL__2PRFIN20110109_180151_000000503098_00199_46334_5765.N1	09-JAN-2011 18:01:51	Bright	50.000	83		2.3780	11000.	100	46334	No
283	GOM_NL__2PRFIN20110109_180722_000000583098_00199_46334_5766.N1	09-JAN-2011 18:07:22	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46334	No
284	GOM_NL__2PRFIN20110109_181249_000000463098_00199_46334_5767.N1	09-JAN-2011 18:12:49	Twi_and_stray	45.500	104	27Bet Lib	2.6140	13100.	91	46334	No
285	GOM_NL__2PRFIN20110109_181548_000000523098_00199_46334_5768.N1	09-JAN-2011 18:15:48	Twi_and_stray	52.000	122	9Alp2Lib	2.7470	9700.0	104	46334	No
286	GOM_NL__2PRFIN20110109_182203_000000393098_00199_46334_5769.N1	09-JAN-2011 18:22:03	Dark	39.000	109	Bet Lup	2.6770	26000.	78	46334	No
287	GOM_NL__2PRFIN20110109_182333_000000423098_00199_46334_5770.N1	09-JAN-2011 18:23:33	Dark	41.500	78	Alp Lup	2.3040	28000.	83	46334	No
288	GOM_NL__2PRFIN20110109_182522_000000423098_00199_46334_5771.N1	09-JAN-2011 18:25:22	Dark	42.000	95	Zet Cen	2.5450	26000.	84	46334	No
289	GOM_NL__2PRFIN20110109_182658_000000403098_00200_46335_5792.N1	09-JAN-2011 18:26:58	Dark	40.000	77	Eps Cen	2.3030	28000.	80	46335	No
290	GOM_NL__2PRFIN20110109_182938_000000443098_00200_46335_5793.N1	09-JAN-2011 18:29:38	Dark	44.000	20	Bet Cru	1.2530	30000.	88	46335	No
291	GOM_NL__2PRFIN20110109_183523_000000473098_00200_46335_5794.N1	09-JAN-2011 18:35:23	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46335	No
292	GOM_NL__2PRFIN20110109_183713_000000483098_00200_46335_5795.N1	09-JAN-2011 18:37:13	Dark	48.000	71	lot Car	2.2460	7700.0	96	46335	No
293	GOM_NL__2PRFIN20110109_183906_000000433098_00200_46335_5796.N1	09-JAN-2011 18:39:06	Dark	42.500	46	Del Vel	1.9540	10600.	85	46335	No
294	GOM_NL__2PRFIN20110109_184152_000000433098_00200_46335_5797.N1	09-JAN-2011 18:41:52	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	46335	No
295	GOM_NL__2PRFIN20110109_184401_000000433098_00200_46335_5798.N1	09-JAN-2011 18:44:01	Dark	42.500	70	Zet Pup	2.2460	39000.	85	46335	No
296	GOM_NL__2PRFIN20110109_184550_000000523098_00200_46335_5799.N1	09-JAN-2011 18:45:50	Straylight	51.500	117	Pi Pup	2.7060	3800.0	103	46335	No
297	GOM_NL__2PRFIN20110109_184827_000000453098_00200_46335_5800.N1	09-JAN-2011 18:48:27	Straylight	44.500	23	21Eps CMa	1.5020	26000.	89	46335	No
298	GOM_NL__2PRFIN20110109_184954_000000423098_00200_46335_5801.N1	09-JAN-2011 18:49:54	Straylight	42.000	179	24Omi2CMa	3.0320	24000.	84	46335	No
299	GOM_NL__2PRFIN20110109_185211_000000533098_00200_46335_5802.N1	09-JAN-2011 18:52:11	Straylight	53.000	1	9Alp CMa	-1.4400	11000.	106	46335	No
300	GOM_NL__2PRFIN20110109_185926_000000563098_00200_46335_5803.N1	09-JAN-2011 18:59:26	Twi_and_stray	55.500	8	10Alp CMi	0.40000	6500.0	111	46335	No
301	GOM_NL__2PRFIN20110109_190209_000000443098_00200_46335_5804.N1	09-JAN-2011 19:02:09	Twi_and_stray	44.000	44	24Gam Gem	1.9280	11000.	88	46335	No
302	GOM_NL__2PRFIN20110109_190350_000000483098_00200_46335_5805.N1	09-JAN-2011 19:03:50	Bright	48.000	151	13Mu Gem	2.8900	3000.0	96	46335	No
303	GOM_NL__2PRFIN20110109_190755_000000383098_00200_46335_5806.N1	09-JAN-2011 19:07:55	Bright	37.500	107	37The Aur	2.6490	11000.	75	46335	No
304	GOM_NL__2PRFIN20110109_191007_000000373098_00200_46335_5807.N1	09-JAN-2011 19:10:07	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	46335	No
305	GOM_NL__2PRFIN20110109_192641_000000393098_00200_46335_5808.N1	09-JAN-2011 19:26:41	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46335	No
306	GOM_NL__2PRFIN20110109_193049_000000383098_00200_46335_5809.N1	09-JAN-2011 19:30:49	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	46335	No
307	GOM_NL__2PRFIN20110109_193757_000000703098_00200_46335_5810.N1	09-JAN-2011 19:37:57	Bright	70.000	180	27Gam Boo	3.0400	8000.0	140	46335	No
308	GOM_NL__2PRFIN20110109_194205_000000703098_00200_46335_5811.N1	09-JAN-2011 19:42:05	Bright	70.000	83		2.3780	11000.	140	46335	No
309	GOM_NL__2PRFIN20110109_194736_000000583098_00200_46335_5812.N1	09-JAN-2011 19:47:36	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46335	No
310	GOM_NL__2PRFIN20110109_195303_000000483098_00200_46335_5813.N1	09-JAN-2011 19:53:03	Twi_and_stray	48.000	104	27Bet Lib	2.6140	13100.	96	46335	No
311	GOM_NL__2PRFIN20110109_195602_000000473098_00200_46335_5814.N1	09-JAN-2011 19:56:02	Twi_and_stray	47.000	122	9Alp2Lib	2.7470	9700.0	94	46335	No
312	GOM_NL__2PRFIN20110109_200218_000000433098_00200_46335_5815.N1	09-JAN-2011 20:02:18	Dark	42.500	109	Bet Lup	2.6770	26000.	85	46335	No
313	GOM_NL__2PRFIN20110109_200348_000000403098_00200_46335_5816.N1	09-JAN-2011 20:03:48	Dark	40.000	78	Alp Lup	2.3040	28000.	80	46335	No
314	GOM_NL__2PRFIN20110109_200537_000000433098_00200_46335_5817.N1	09-JAN-2011 20:05:37	Dark	43.000	95	Zet Cen	2.5450	26000.	86	46335	No
315	GOM_NL__2PRFIN20110109_200713_000000453098_00201_46336_5862.N1	09-JAN-2011 20:07:13	Dark	44.500	77	Eps Cen	2.3030	28000.	89	46336	No
316	GOM_NL__2PRFIN20110109_200953_000000423098_00201_46336_5863.N1	09-JAN-2011 20:09:53	Dark	41.500	20	Bet Cru	1.2530	30000.	83	46336	No
317	GOM_NL__2PRFIN20110109_201538_000000493098_00201_46336_5864.N1	09-JAN-2011 20:15:38	Dark	48.500	113	Mu Vel	2.6920	5000.0	97	46336	No
318	GOM_NL__2PRFIN20110109_201727_000000403098_00201_46336_5865.N1	09-JAN-2011 20:17:27	Dark	40.000	71	lot Car	2.2460	7700.0	80	46336	No
319	GOM_NL__2PRFIN20110109_201920_000000413098_00201_46336_5866.N1	09-JAN-2011 20:19:20	Dark	41.000	46	Del Vel	1.9540	10600.	82	46336	No
320	GOM_NL__2PRFIN20110109_202206_000000463098_00201_46336_5867.N1	09-JAN-2011 20:22:06	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	46336	No
321	GOM_NL__2PRFIN20110109_202416_000000453098_00201_46336_5868.N1	09-JAN-2011 20:24:16	Dark	45.000	70	Zet Pup	2.2460	39000.	90	46336	No
322	GOM_NL__2PRFIN20110109_202604_000000453098_00201_46336_5869.N1	09-JAN-2011 20:26:04	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	46336	No
323	GOM_NL__2PRFIN20110109_202841_000000433098_00201_46336_5870.N1	09-JAN-2011 20:28:41	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	46336	No
324	GOM_NL__2PRFIN20110109_203008_000000443098_00201_46336_5871.N1	09-JAN-2011 20:30:08	Straylight	43.500	179	24Omi2CMa	3.0320	24000.	87	46336	No
325	GOM_NL__2PRFIN20110109_203226_000000503098_00201_46336_5872.N1	09-JAN-2011 20:32:26	Straylight	50.000	1	9Alp CMa	-1.4400	11000.	100	46336	No
326	GOM_NL__2PRFIN20110109_203940_000000593098_00201_46336_5873.N1	09-JAN-2011 20:39:40	Twi_and_stray	59.000	8	10Alp CMi	0.40000	6500.0	118	46336	No
327	GOM_NL__2PRFIN20110109_204223_000000423098_00201_46336_5874.N1	09-JAN-2011 20:42:23	Twi_and_stray	42.000	44	24Gam Gem	1.9280	11000.	84	46336	No
328	GOM_NL__2PRFIN20110109_204404_000000423098_00201_46336_5875.N1	09-JAN-2011 20:44:04	Bright	41.500	151	13Mu Gem	2.8900	3000.0	83	46336	No
329	GOM_NL__2PRFIN20110109_204809_000000383098_00201_46336_5876.N1	09-JAN-2011 20:48:09	Bright	37.500	107	37The Aur	2.6490	11000.	75	46336	No
330	GOM_NL__2PRFIN20110109_205021_000000383098_00201_46336_5877.N1	09-JAN-2011 20:50:21	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	46336	No
331	GOM_NL__2PRFIN20110109_210655_000000363098_00201_46336_5878.N1	09-JAN-2011 21:06:55	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	46336	No
332	GOM_NL__2PRFIN20110109_211103_000000383098_00201_46336_5879.N1	09-JAN-2011 21:11:03	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	46336	No
333	GOM_NL__2PRFIN20110109_211811_000000473098_00201_46336_5880.N1	09-JAN-2011 21:18:11	Bright	46.500	180	27Gam Boo	3.0400	8000.0	93	46336	No
334	GOM_NL__2PRFIN20110109_212220_000000713098_00201_46336_5881.N1	09-JAN-2011 21:22:20	Bright	71.000	83		2.3780	11000.	142	46336	No
335	GOM_NL__2PRFIN20110109_212751_000000583098_00201_46336_5882.N1	09-JAN-2011 21:27:51	Bright	57.500	102	24Alp Ser	2.6000	4250.0	115	46336	No
336	GOM_NL__2PRFIN20110109_213318_000000473098_00201_46336_5883.N1	09-JAN-2011 21:33:18	Twi_and_stray	46.500	104	27Bet Lib	2.6140	13100.	93	46336	No
337	GOM_NL__2PRFIN20110109_213617_000000473098_00201_46336_5884.N1	09-JAN-2011 21:36:17	Twi_and_stray	47.000	122	9Alp2Lib	2.7470	9700.0	94	46336	No

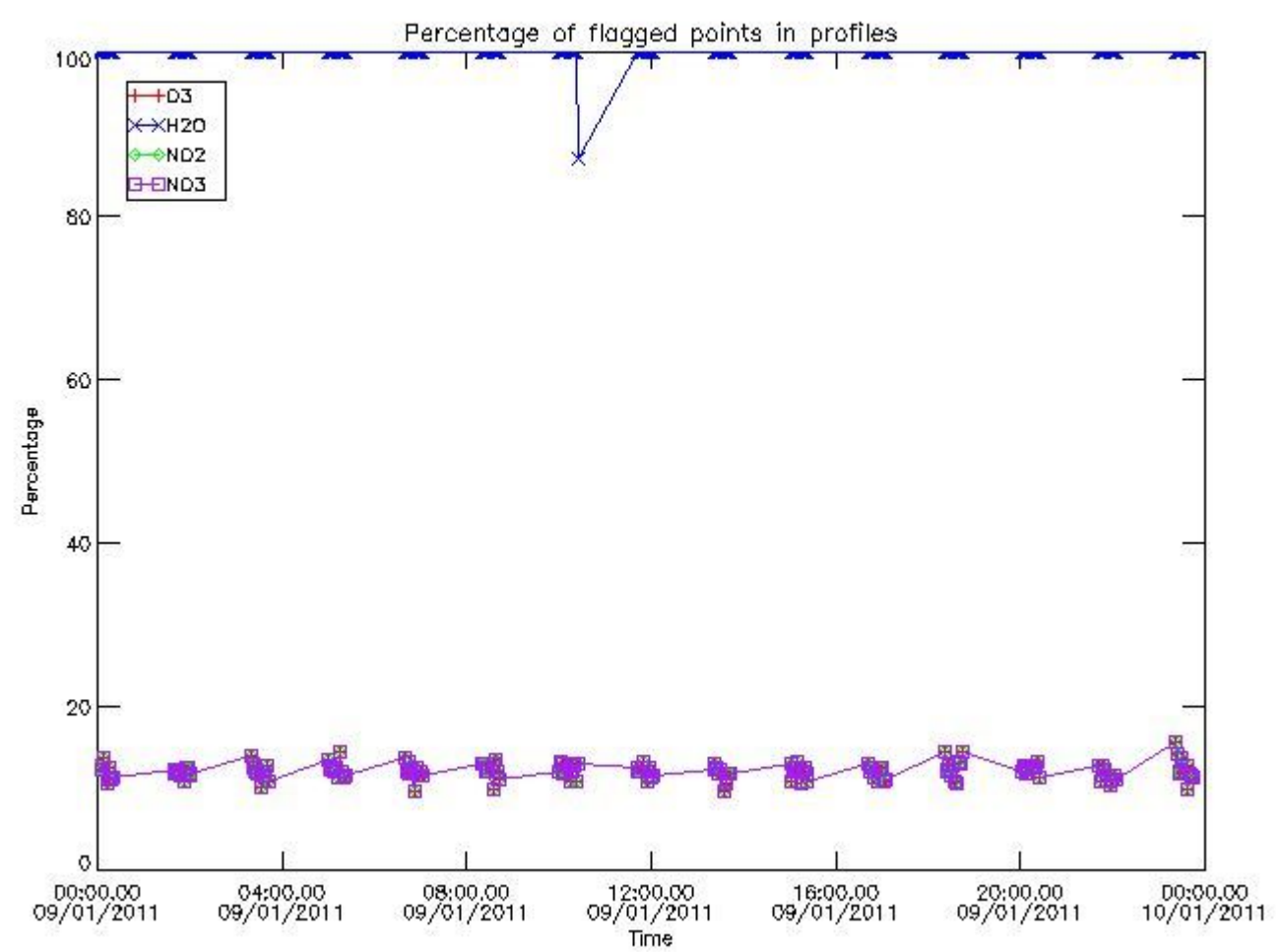
338	GOM_NL__2PRFIN20110109_214232_000000403098_00201_46336_5885.N1	09-JAN-2011 21:42:32	Dark	40.000	109	Bet Lup	2.6770	26000.	80	46336	No
339	GOM_NL__2PRFIN20110109_214402_000000473098_00201_46336_5886.N1	09-JAN-2011 21:44:02	Dark	47.000	78	Alp Lup	2.3040	28000.	94	46336	No
340	GOM_NL__2PRFIN20110109_214552_000000443098_00201_46336_5887.N1	09-JAN-2011 21:45:52	Dark	43.500	95	Zet Cen	2.5450	26000.	87	46336	No
341	GOM_NL__2PRFIN20110109_214727_000000443098_00202_46337_5845.N1	09-JAN-2011 21:47:27	Dark	44.000	77	Eps Cen	2.3030	28000.	88	46337	No
342	GOM_NL__2PRFIN20110109_215008_000000423098_00202_46337_5846.N1	09-JAN-2011 21:50:08	Dark	41.500	20	Bet Cru	1.2530	30000.	83	46337	No
343	GOM_NL__2PRFIN20110109_215553_000000483098_00202_46337_5847.N1	09-JAN-2011 21:55:53	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	46337	No
344	GOM_NL__2PRFIN20110109_215742_000000493098_00202_46337_5848.N1	09-JAN-2011 21:57:42	Dark	49.000	71	lot Car	2.2460	7700.0	98	46337	No
345	GOM_NL__2PRFIN20110109_215935_000000463098_00202_46337_5849.N1	09-JAN-2011 21:59:35	Dark	45.500	46	Del Vel	1.9540	10600.	91	46337	No
346	GOM_NL__2PRFIN20110109_220221_000000453098_00202_46337_5850.N1	09-JAN-2011 22:02:21	Dark	44.500	34	Gam2Vel	1.7930	23000.	89	46337	No
347	GOM_NL__2PRFIN20110109_220430_000000463098_00202_46337_5851.N1	09-JAN-2011 22:04:30	Dark	45.500	70	Zet Pup	2.2460	39000.	91	46337	No
348	GOM_NL__2PRFIN20110109_220618_000000483098_00202_46337_5852.N1	09-JAN-2011 22:06:18	Straylight	47.500	117	Pi Pup	2.7060	3800.0	95	46337	No
349	GOM_NL__2PRFIN20110109_220855_000000463098_00202_46337_5853.N1	09-JAN-2011 22:08:55	Straylight	45.500	23	21Eps CMa	1.5020	26000.	91	46337	No
350	GOM_NL__2PRFIN20110109_221023_000000433098_00202_46337_5854.N1	09-JAN-2011 22:10:23	Straylight	43.000	179	24Omi2CMa	3.0320	24000.	86	46337	No
351	GOM_NL__2PRFIN20110109_221240_000000533098_00202_46337_5855.N1	09-JAN-2011 22:12:40	Straylight	52.500	1	9Alp CMa	-1.4400	11000.	105	46337	No
352	GOM_NL__2PRFIN20110109_221954_000000683098_00202_46337_5856.N1	09-JAN-2011 22:19:54	Tw_i_and_stray	68.000	8	10Alp CMi	0.40000	6500.0	136	46337	No
353	GOM_NL__2PRFIN20110109_222237_000000473098_00202_46337_5857.N1	09-JAN-2011 22:22:37	Tw_i_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	46337	No
354	GOM_NL__2PRFIN20110109_222418_000000473098_00202_46337_5858.N1	09-JAN-2011 22:24:18	Bright	47.000	151	13Mu Gem	2.8900	3000.0	94	46337	No
355	GOM_NL__2PRFIN20110109_222823_000000363098_00202_46337_5859.N1	09-JAN-2011 22:28:23	Bright	35.500	107	37The Aur	2.6490	11000.	71	46337	No
356	GOM_NL__2PRFIN20110109_223035_000000373098_00202_46337_5860.N1	09-JAN-2011 22:30:35	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	46337	No
357	GOM_NL__2PRFIN20110109_224709_000000393098_00202_46337_5861.N1	09-JAN-2011 22:47:09	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46337	No
358	GOM_NL__2PRFIN20110109_225117_000000353098_00202_46337_5862.N1	09-JAN-2011 22:51:17	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	46337	No
359	GOM_NL__2PRFIN20110109_225825_000000703098_00202_46337_5863.N1	09-JAN-2011 22:58:25	Bright	70.000	180	27Gam Boo	3.0400	8000.0	140	46337	No
360	GOM_NL__2PRFIN20110109_230234_000000713098_00202_46337_5864.N1	09-JAN-2011 23:02:34	Bright	71.000	83		2.3780	11000.	142	46337	No
361	GOM_NL__2PRFIN20110109_230805_000000583098_00202_46337_5865.N1	09-JAN-2011 23:08:05	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46337	No
362	GOM_NL__2PRFIN20110109_231333_000000463098_00202_46337_5866.N1	09-JAN-2011 23:13:33	Tw_i_and_stray	46.000	104	27Bet Lib	2.6140	13100.	92	46337	No
363	GOM_NL__2PRFIN20110109_231632_000000493098_00202_46337_5867.N1	09-JAN-2011 23:16:32	Tw_i_and_stray	49.000	122	9Alp2Lib	2.7470	9700.0	98	46337	No
364	GOM_NL__2PRFIN20110109_232247_000000393098_00202_46337_5868.N1	09-JAN-2011 23:22:47	Dark	39.000	109	Bet Lup	2.6770	26000.	78	46337	No
365	GOM_NL__2PRFIN20110109_232417_000000403098_00202_46337_5869.N1	09-JAN-2011 23:24:17	Dark	39.500	78	Alp Lup	2.3040	28000.	79	46337	No
366	GOM_NL__2PRFIN20110109_232606_000000443098_00202_46337_5870.N1	09-JAN-2011 23:26:06	Dark	43.500	95	Zet Cen	2.5450	26000.	87	46337	No
367	GOM_NL__2PRFIN20110109_232742_000000423098_00203_46338_5879.N1	09-JAN-2011 23:27:42	Dark	42.000	77	Eps Cen	2.3030	28000.	84	46338	No
368	GOM_NL__2PRFIN20110109_233022_000000413098_00203_46338_5880.N1	09-JAN-2011 23:30:22	Dark	41.000	20	Bet Cru	1.2530	30000.	82	46338	No
369	GOM_NL__2PRFIN20110109_233608_000000523098_00203_46338_5881.N1	09-JAN-2011 23:36:08	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	46338	No
370	GOM_NL__2PRFIN20110109_233756_000000403098_00203_46338_5882.N1	09-JAN-2011 23:37:56	Dark	40.000	71	lot Car	2.2460	7700.0	80	46338	No
371	GOM_NL__2PRFIN20110109_233949_000000443098_00203_46338_5883.N1	09-JAN-2011 23:39:49	Dark	43.500	46	Del Vel	1.9540	10600.	87	46338	No
372	GOM_NL__2PRFIN20110109_234235_000000443098_00203_46338_5884.N1	09-JAN-2011 23:42:35	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	46338	No
373	GOM_NL__2PRFIN20110109_234444_000000453098_00203_46338_5885.N1	09-JAN-2011 23:44:44	Dark	45.000	70	Zet Pup	2.2460	39000.	90	46338	No
374	GOM_NL__2PRFIN20110109_234632_000000463098_00203_46338_5886.N1	09-JAN-2011 23:46:32	Straylight	46.000	117	Pi Pup	2.7060	3800.0	92	46338	No
375	GOM_NL__2PRFIN20110109_234910_000000463098_00203_46338_5887.N1	09-JAN-2011 23:49:10	Straylight	45.500	23	21Eps CMa	1.5020	26000.	91	46338	No
376	GOM_NL__2PRFIN20110109_235036_000000403098_00203_46338_5888.N1	09-JAN-2011 23:50:36	Straylight	40.000	179	24Omi2CMa	3.0320	24000.	80	46338	No
377	GOM_NL__2PRFIN20110109_235254_000000513098_00203_46338_5889.N1	09-JAN-2011 23:52:54	Straylight	50.500	1	9Alp CMa	-1.4400	11000.	101	46338	No

### 3. Quality information per product

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

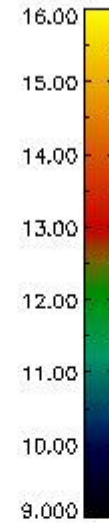
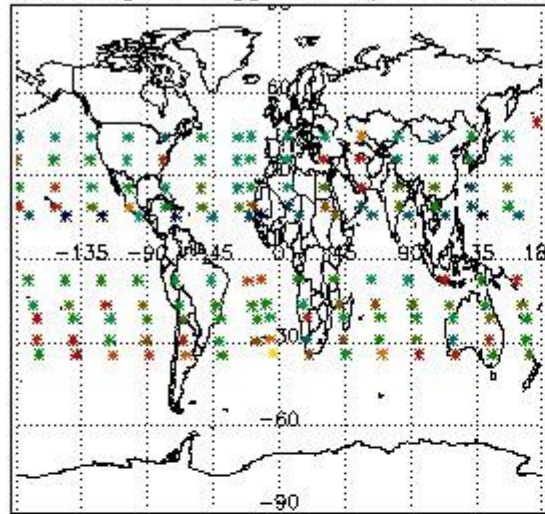
#### 3.1 Plot quality information per product (time dependant)



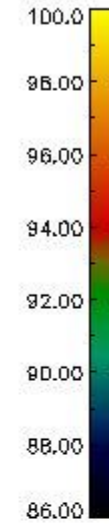
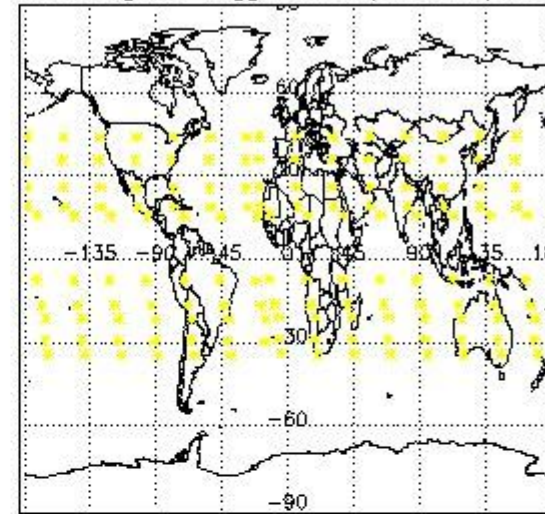


3.2 Plot quality information per product (world map)

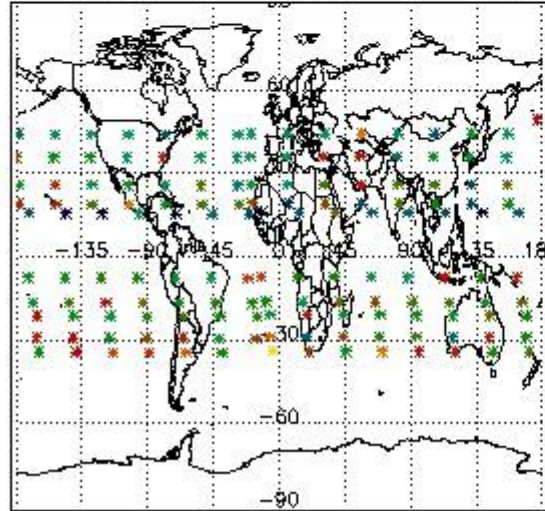
Percentage of flagged data per O3 profile



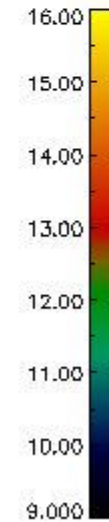
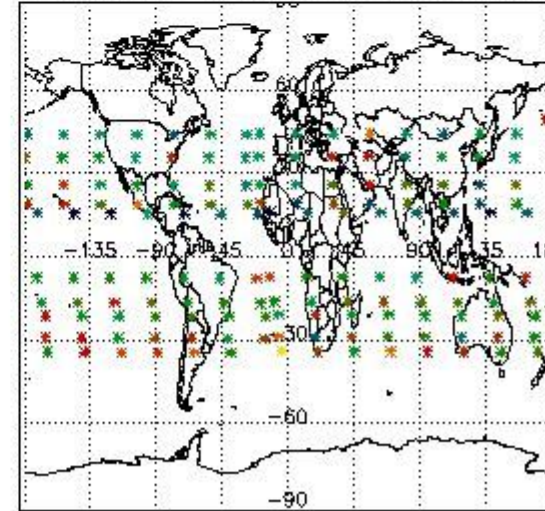
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

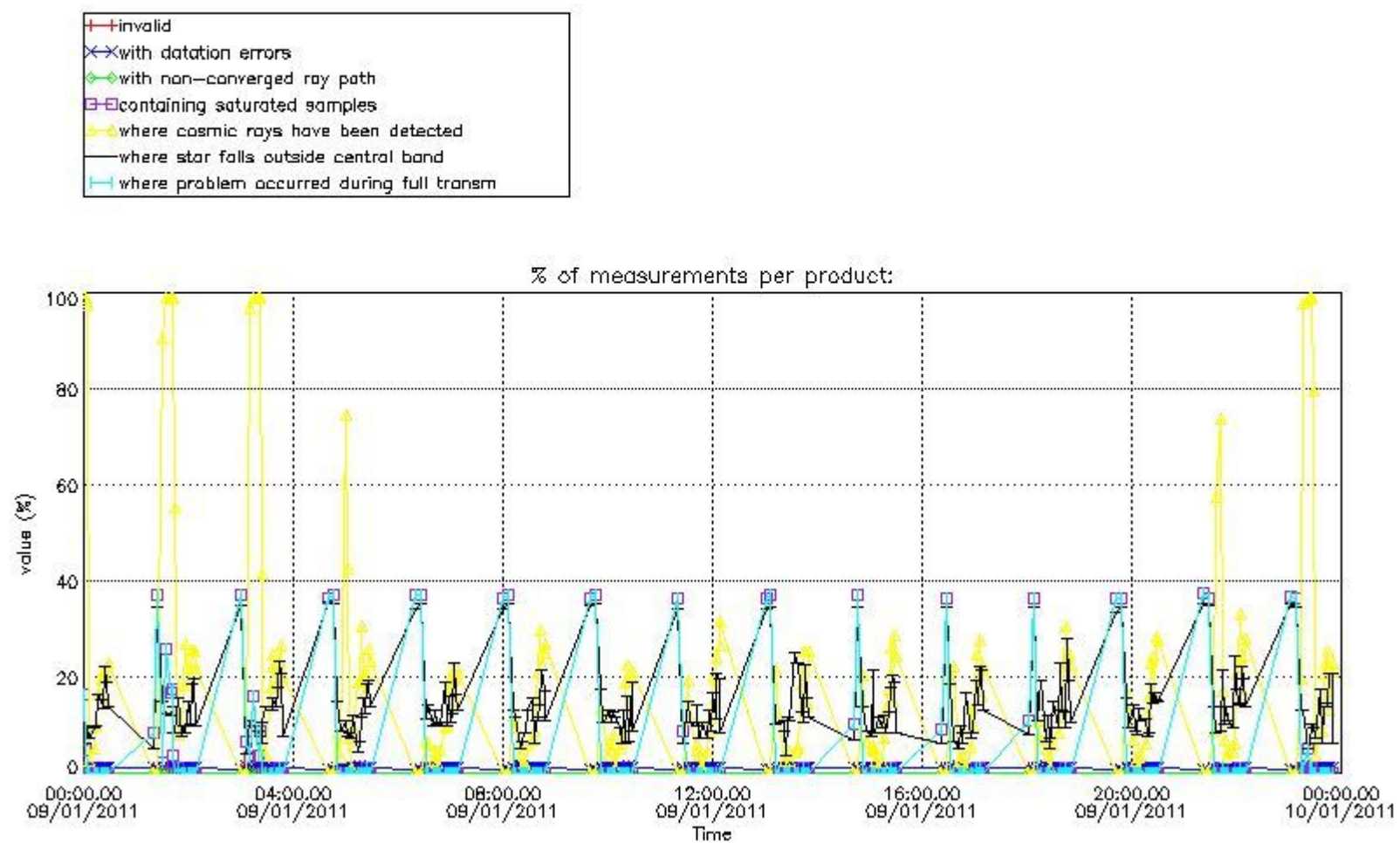


#### 4. Level 1 quality information per product

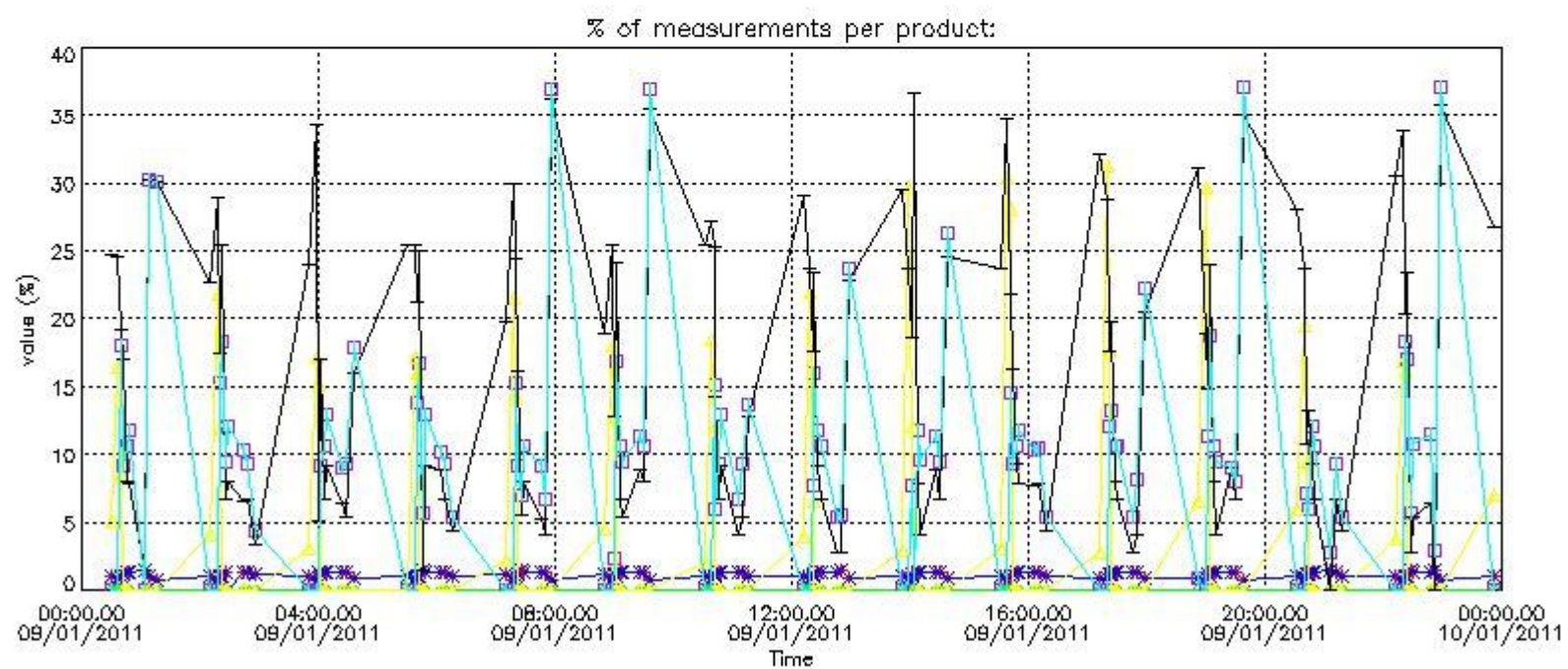
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

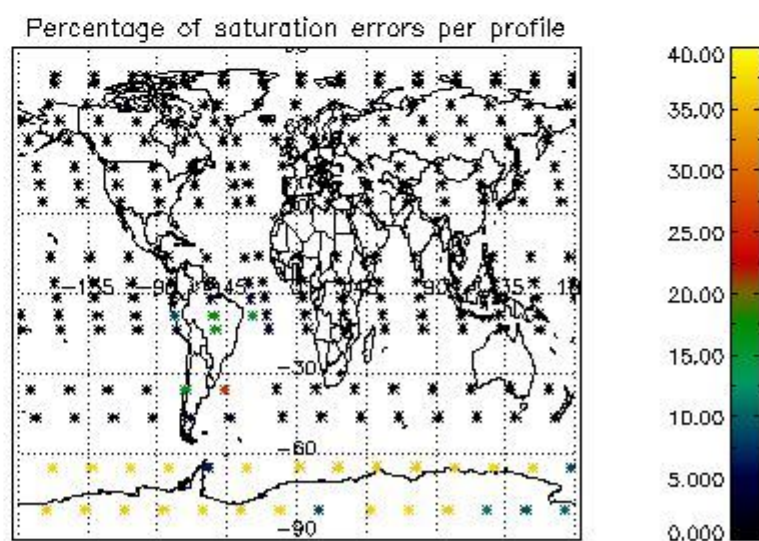
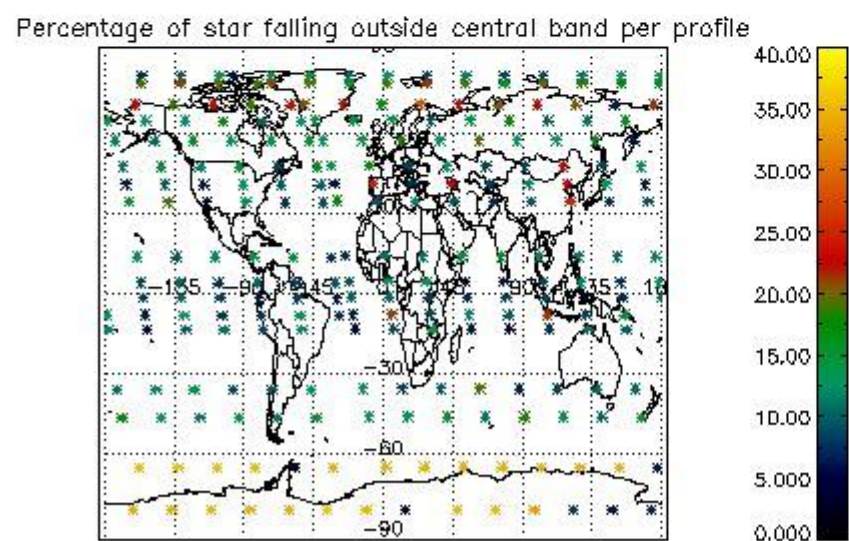
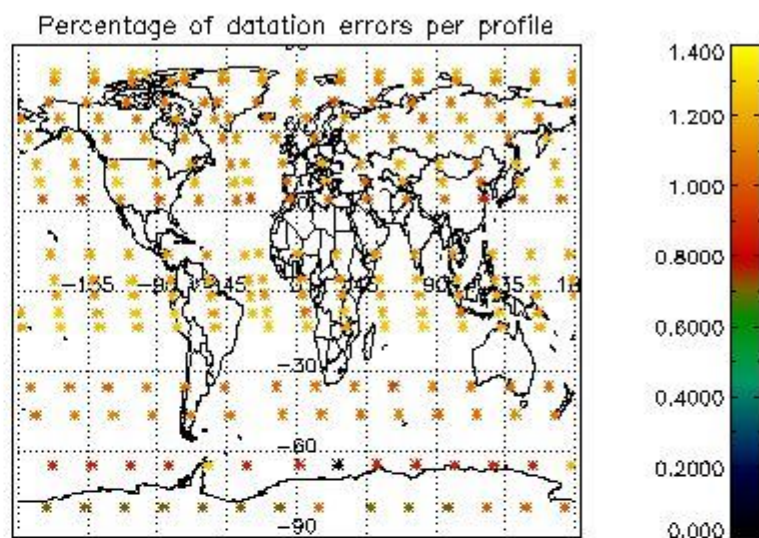
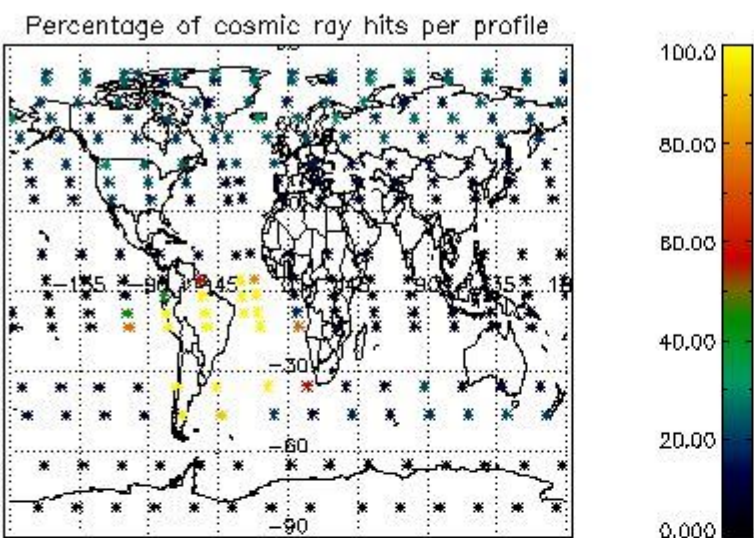


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

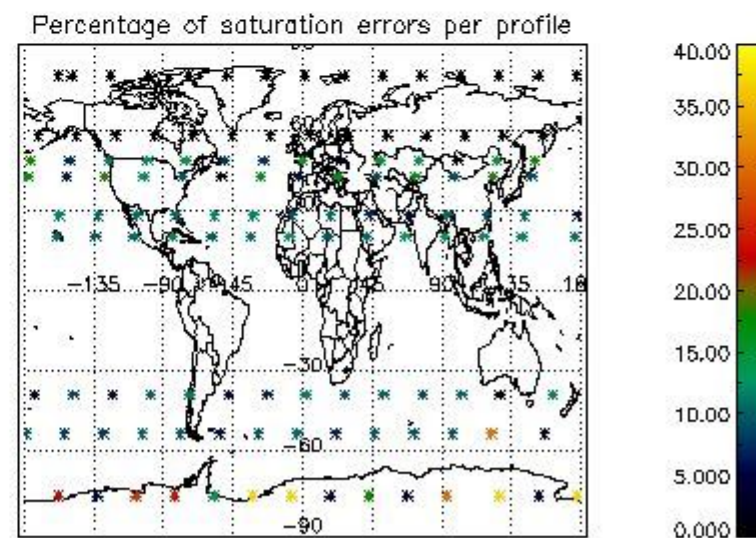
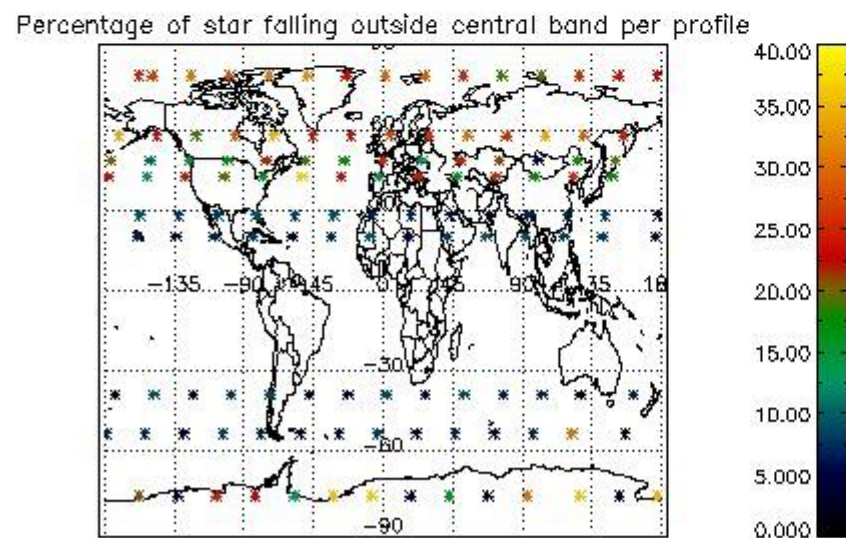
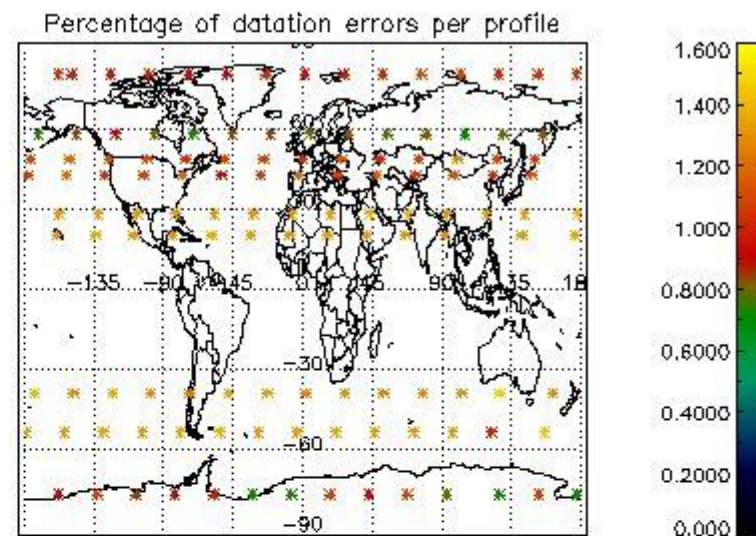
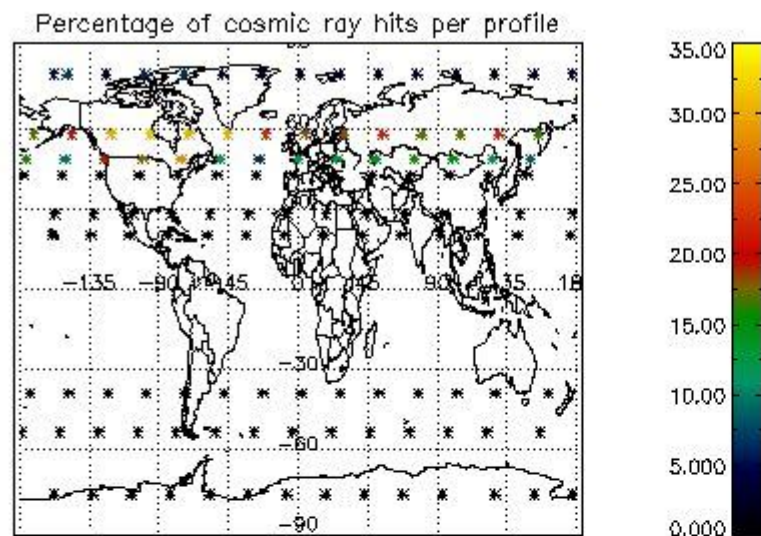


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

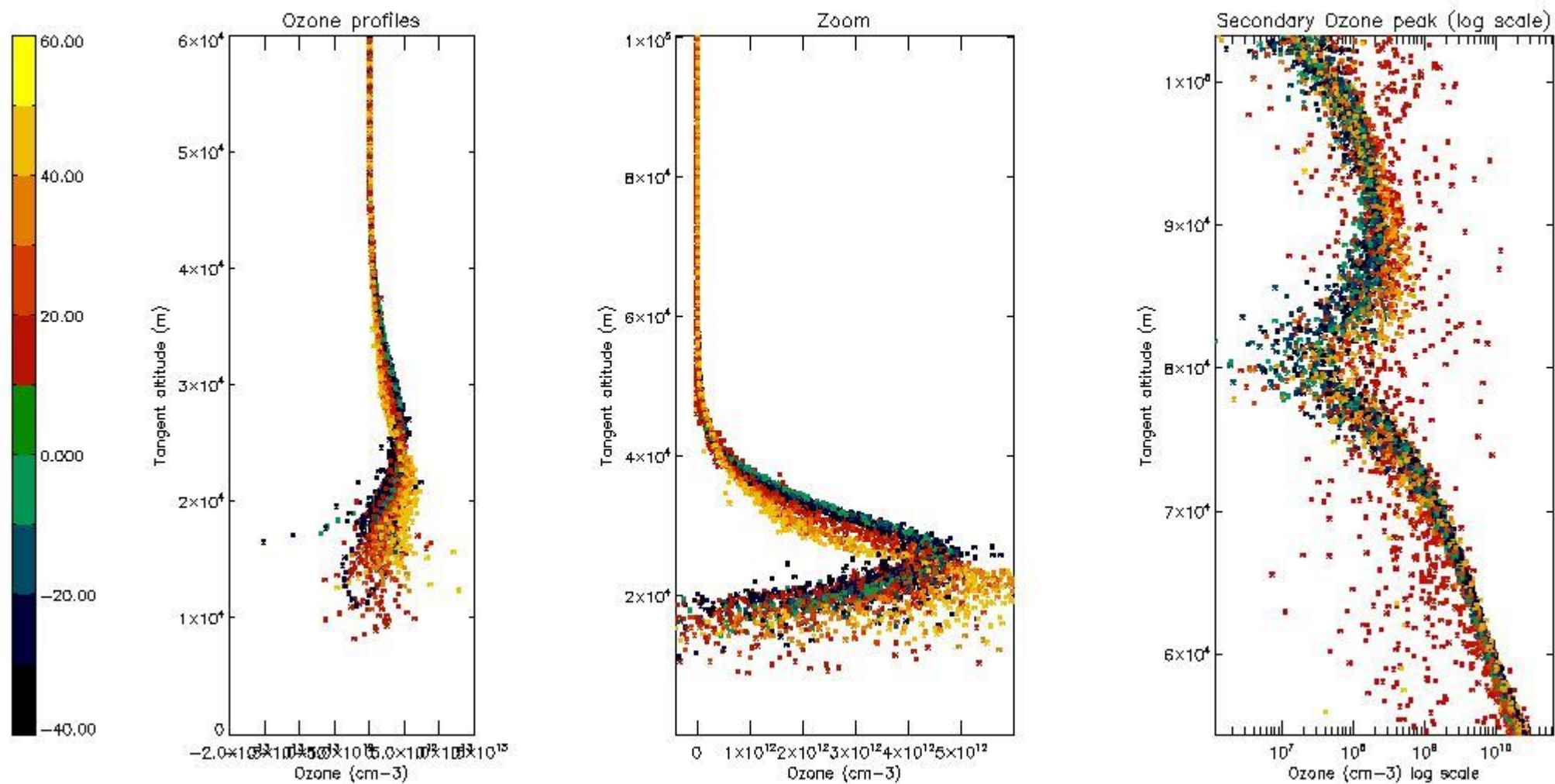
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	38
STD < 20	20

STD < 10	17
STD < 5	12

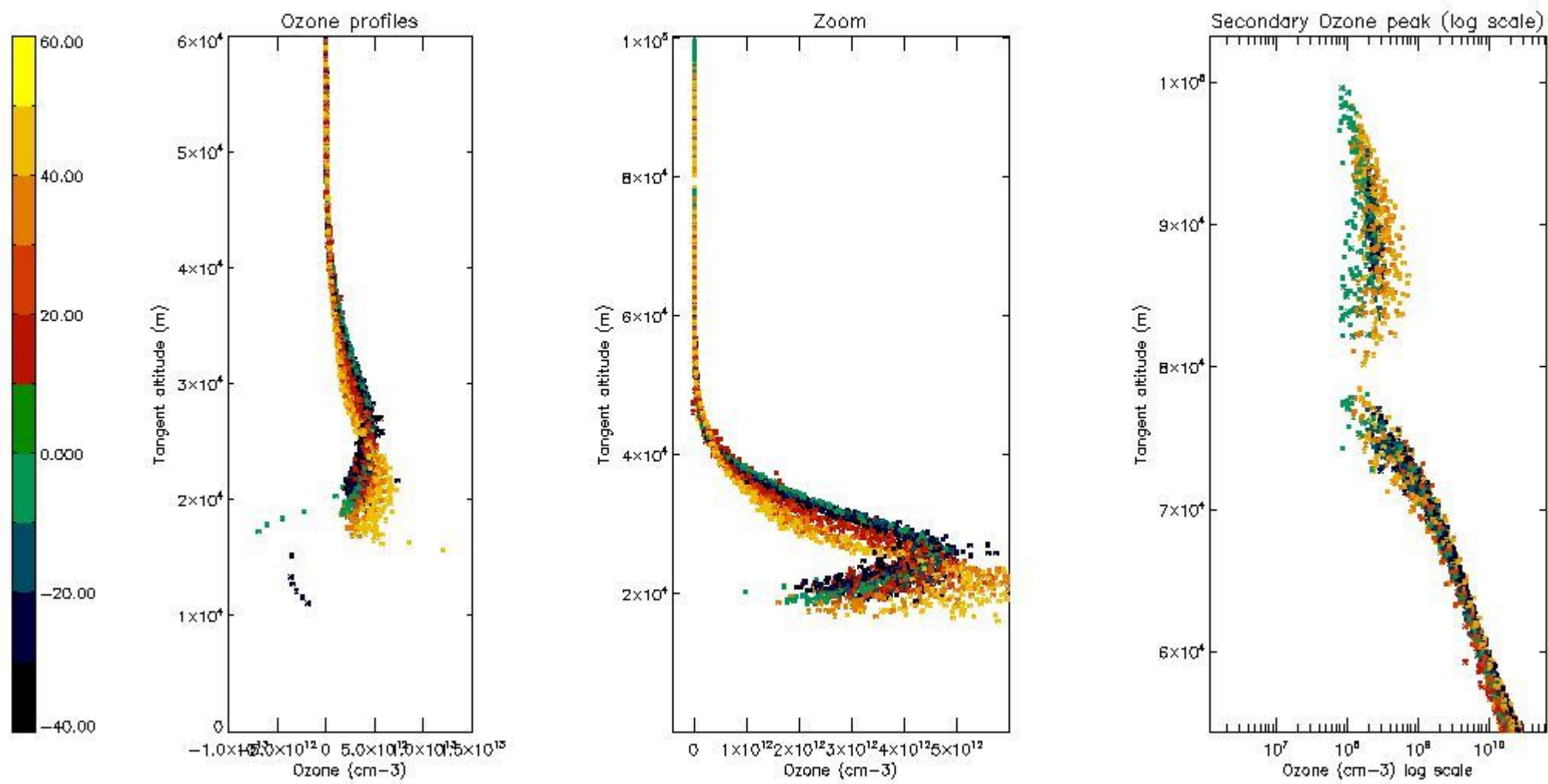
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

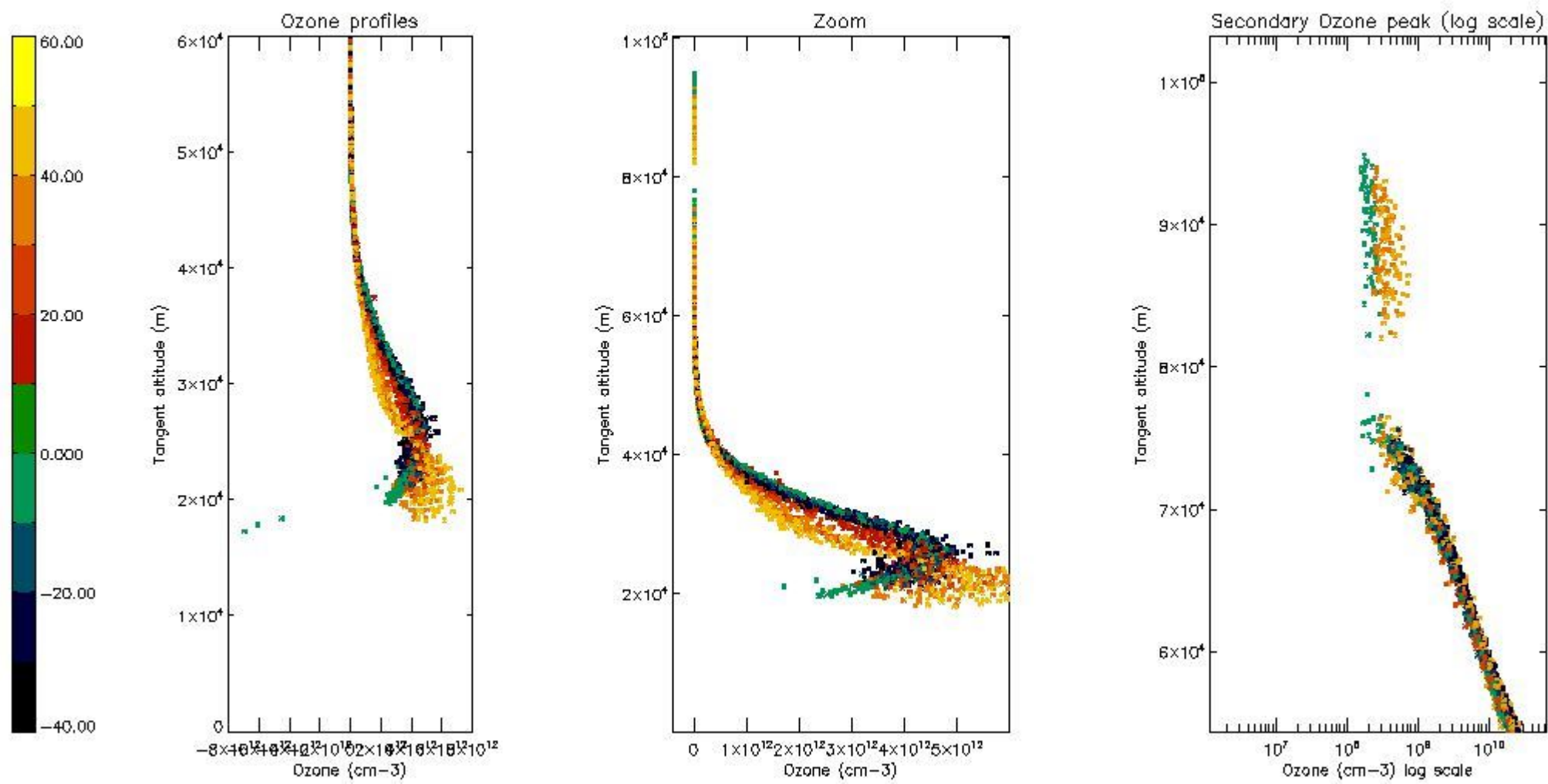
The colorbar represents the latitude.



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

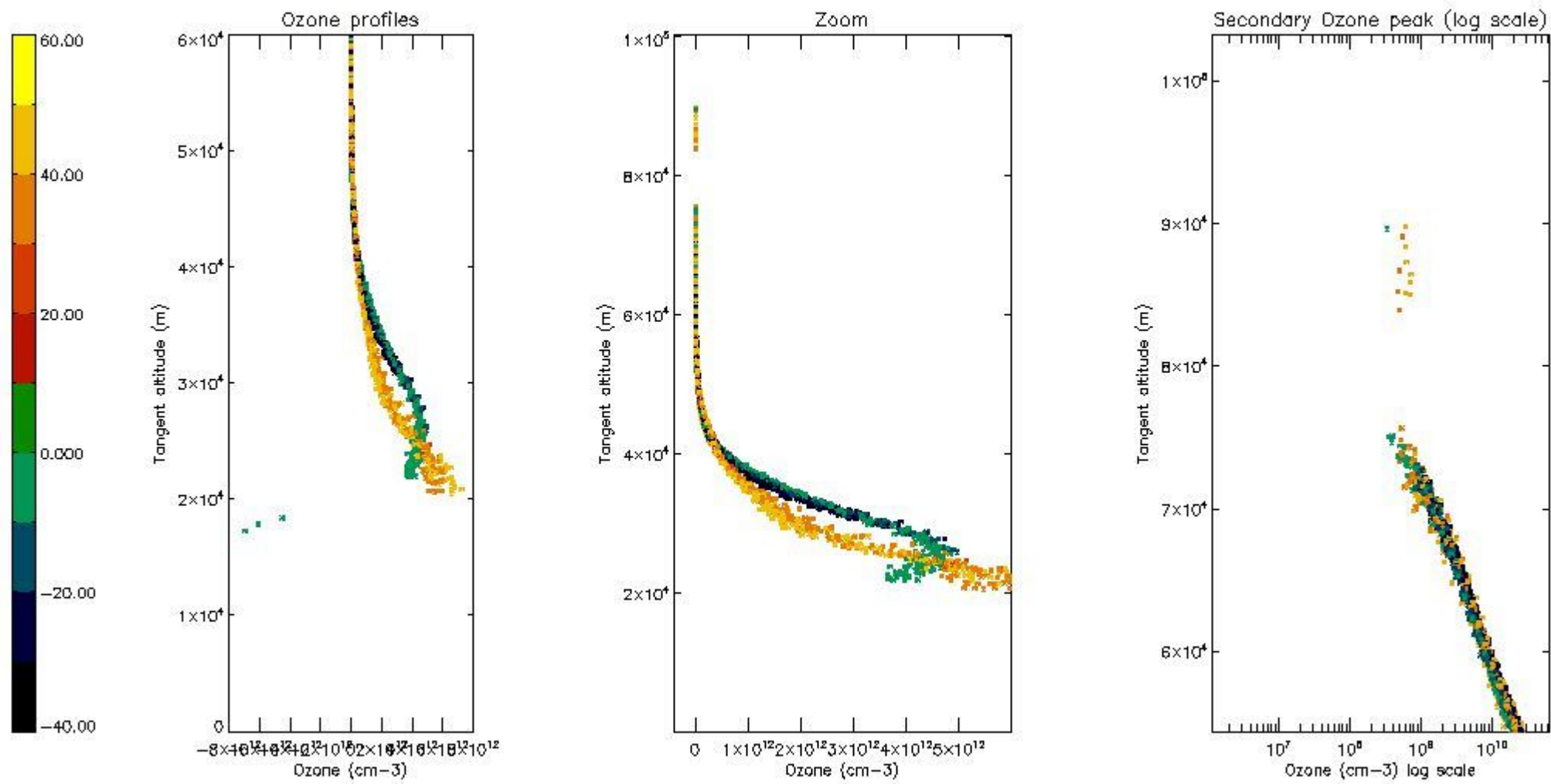
The colorbar represents the latitude.





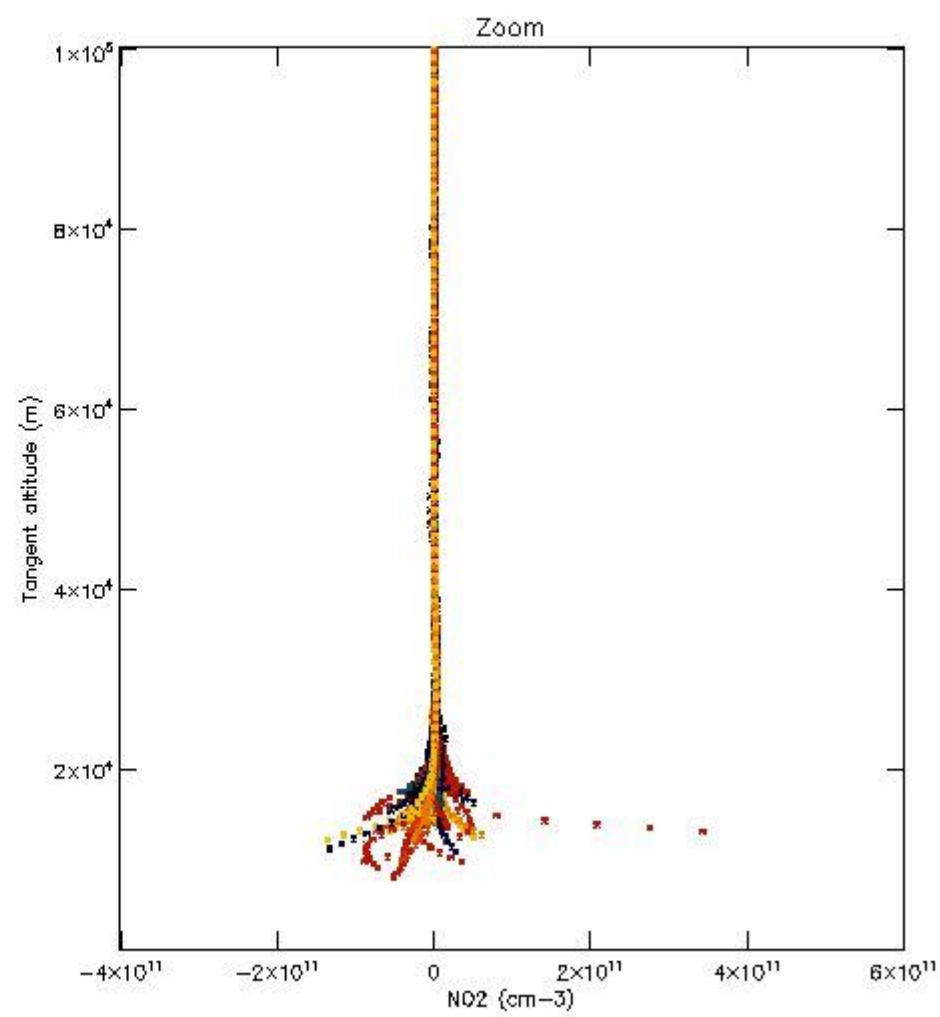
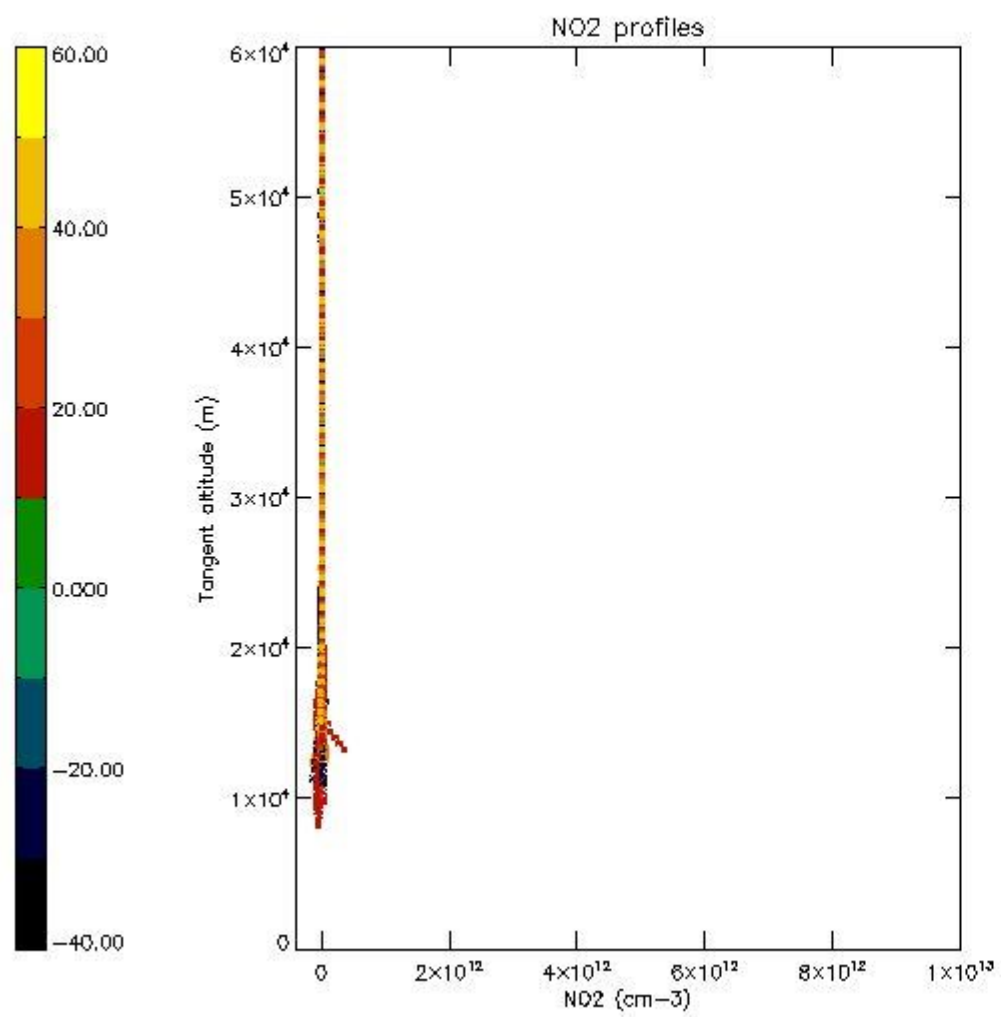
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



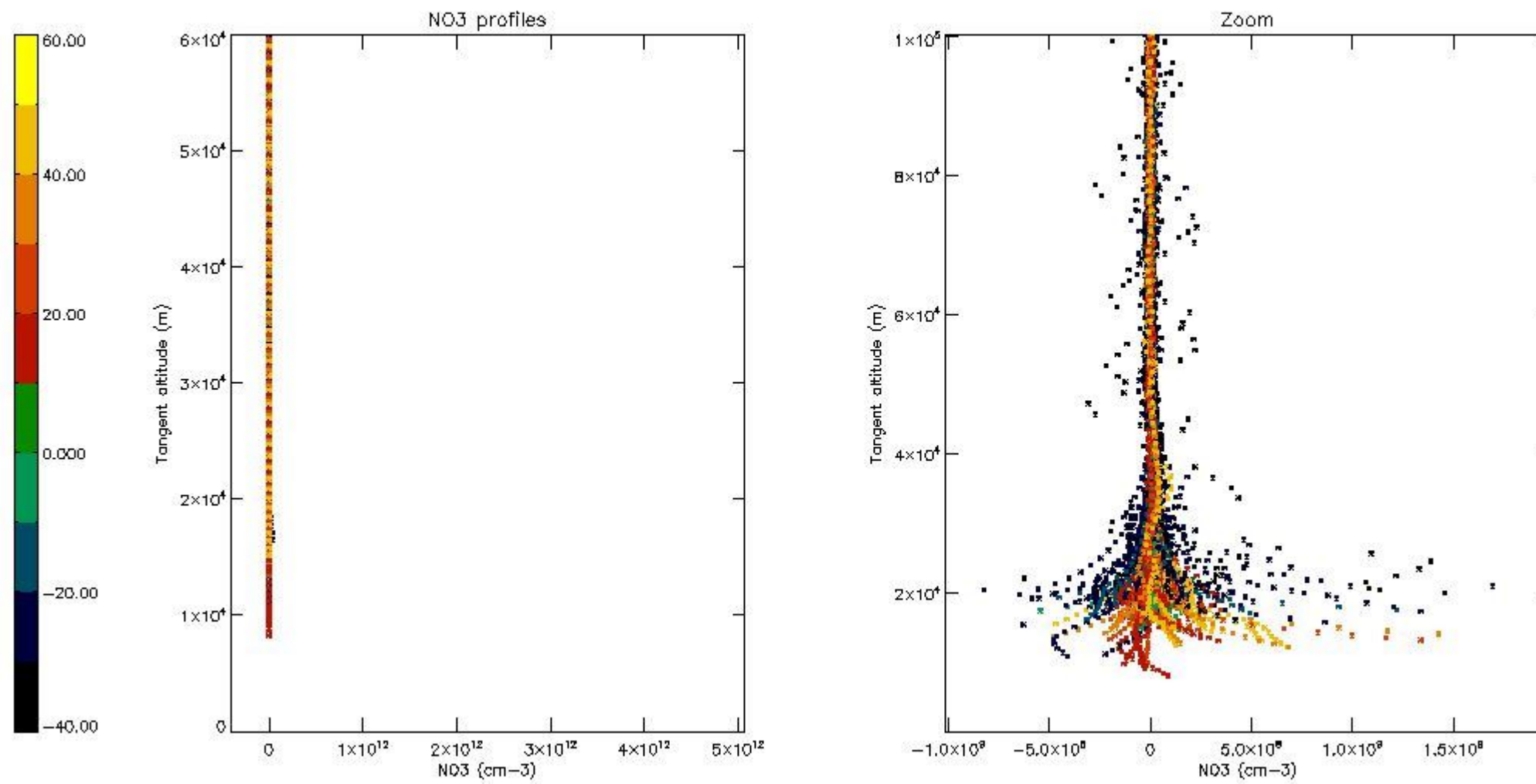
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.



## 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	09-JAN-2011 00:00:53
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-JAN-2011 00:00:53
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-JAN-2011 00:00:53

# GOMOS Level 2 Daily Report

## SUMMARY

### [1. General Info](#)

### [2. Summary of processed GOM\\_NL\\_2P products](#)

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

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

#### [3.2 Plot of level 2 quality information per product \(world map\)](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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









161	GOM_NL__2PRFIN20110109_101409_000000483098_00195_46330_5616.N1	09-JAN-2011 10:14:09	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	46330	No
162	GOM_NL__2PRFIN20110109_101600_000000403098_00195_46330_5617.N1	09-JAN-2011 10:16:00	Dark	39.500	71	lot Car	2.2460	7700.0	79	46330	No
163	GOM_NL__2PRFIN20110109_101753_000000433098_00195_46330_5618.N1	09-JAN-2011 10:17:53	Dark	42.500	46	Del Vel	1.9540	10600.	85	46330	No
164	GOM_NL__2PRFIN20110109_102039_000000403098_00195_46330_5619.N1	09-JAN-2011 10:20:39	Dark	40.000	34	Gam2Vel	1.7930	23000.	80	46330	No
165	GOM_NL__2PRFIN20110109_102249_000000473098_00195_46330_5620.N1	09-JAN-2011 10:22:49	Dark	46.500	70	Zet Pup	2.2460	39000.	93	46330	No
166	GOM_NL__2PRFIN20110109_102438_000000393098_00195_46330_5621.N1	09-JAN-2011 10:24:38	Dark	39.000	117	Pi Pup	2.7060	3800.0	78	46330	No
167	GOM_NL__2PRFIN20110109_102716_000000453098_00195_46330_5622.N1	09-JAN-2011 10:27:16	Straylight	45.000	23	21Eps CMa	1.5020	26000.	90	46330	No
168	GOM_NL__2PRFIN20110109_102843_000000413098_00195_46330_5623.N1	09-JAN-2011 10:28:43	Straylight	40.500	179	24Omi2CMa	3.0320	24000.	81	46330	No
169	GOM_NL__2PRFIN20110109_103101_000000493098_00195_46330_5624.N1	09-JAN-2011 10:31:01	Straylight	49.000	1	9Alp CMa	-1.4400	11000.	98	46330	No
170	GOM_NL__2PRFIN20110109_103818_000000633098_00195_46330_5625.N1	09-JAN-2011 10:38:18	Tw_i_and_stray	62.500	8	10Alp CMi	0.40000	6500.0	125	46330	No
171	GOM_NL__2PRFIN20110109_104100_000000503098_00195_46330_5626.N1	09-JAN-2011 10:41:00	Tw_i_and_stray	49.500	44	24Gam Gem	1.9280	11000.	99	46330	No
172	GOM_NL__2PRFIN20110109_104241_000000423098_00195_46330_5627.N1	09-JAN-2011 10:42:41	Bright	42.000	151	13Mu Gem	2.8900	3000.0	84	46330	No
173	GOM_NL__2PRFIN20110109_104645_000000383098_00195_46330_5628.N1	09-JAN-2011 10:46:45	Bright	37.500	107	37The Aur	2.6490	11000.	75	46330	No
174	GOM_NL__2PRFIN20110109_104858_000000393098_00195_46330_5629.N1	09-JAN-2011 10:48:58	Bright	38.500	42	34Bet Aur	1.9000	10200.	77	46330	No
175	GOM_NL__2PRFIN20110109_110532_000000383098_00195_46330_5630.N1	09-JAN-2011 11:05:32	Bright	37.500	60	7Bet UMi	2.0810	3950.0	75	46330	No
176	GOM_NL__2PRFIN20110109_110939_000000383098_00195_46330_5631.N1	09-JAN-2011 11:09:39	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	46330	No
177	GOM_NL__2PRFIN20110109_111647_000000513098_00195_46330_5632.N1	09-JAN-2011 11:16:47	Bright	51.000	180	27Gam Boo	3.0400	8000.0	102	46330	No
178	GOM_NL__2PRFIN20110109_112054_000000703098_00195_46330_5633.N1	09-JAN-2011 11:20:54	Bright	70.000	83		2.3780	11000.	140	46330	No
179	GOM_NL__2PRFIN20110109_112624_000000413098_00195_46330_5634.N1	09-JAN-2011 11:26:24	Bright	40.500	102	24Alp Ser	2.6000	4250.0	81	46330	No
180	GOM_NL__2PRFIN20110109_113150_000000473098_00195_46330_5635.N1	09-JAN-2011 11:31:50	Tw_i_and_stray	46.500	104	27Bet Lib	2.6140	13100.	93	46330	No
181	GOM_NL__2PRFIN20110109_113448_000000483098_00195_46330_5636.N1	09-JAN-2011 11:34:48	Tw_i_and_stray	47.500	122	9Alp2Lib	2.7470	9700.0	95	46330	No
182	GOM_NL__2PRFIN20110109_114105_000000413098_00195_46330_5637.N1	09-JAN-2011 11:41:05	Dark	41.000	109	Bet Lup	2.6770	26000.	82	46330	No
183	GOM_NL__2PRFIN20110109_114235_000000423098_00195_46330_5638.N1	09-JAN-2011 11:42:35	Dark	42.000	78	Alp Lup	2.3040	28000.	84	46330	No
184	GOM_NL__2PRFIN20110109_114423_000000423098_00195_46330_5639.N1	09-JAN-2011 11:44:23	Dark	42.000	95	Zet Cen	2.5450	26000.	84	46330	No
185	GOM_NL__2PRFIN20110109_114559_000000413098_00196_46331_5644.N1	09-JAN-2011 11:45:59	Dark	40.500	77	Eps Cen	2.3030	28000.	81	46331	No
186	GOM_NL__2PRFIN20110109_114840_000000423098_00196_46331_5645.N1	09-JAN-2011 11:48:40	Dark	42.000	20	Bet Cru	1.2530	30000.	84	46331	No
187	GOM_NL__2PRFIN20110109_115423_000000473098_00196_46331_5646.N1	09-JAN-2011 11:54:23	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46331	No
188	GOM_NL__2PRFIN20110109_115615_000000433098_00196_46331_5647.N1	09-JAN-2011 11:56:15	Dark	42.500	71	lot Car	2.2460	7700.0	85	46331	No
189	GOM_NL__2PRFIN20110109_115808_000000413098_00196_46331_5648.N1	09-JAN-2011 11:58:08	Dark	40.500	46	Del Vel	1.9540	10600.	81	46331	No
190	GOM_NL__2PRFIN20110109_120054_000000453098_00196_46331_5649.N1	09-JAN-2011 12:00:54	Dark	45.000	34	Gam2Vel	1.7930	23000.	90	46331	No
191	GOM_NL__2PRFIN20110109_120303_000000453098_00196_46331_5650.N1	09-JAN-2011 12:03:03	Dark	44.500	70	Zet Pup	2.2460	39000.	89	46331	No
192	GOM_NL__2PRFIN20110109_120452_000000463098_00196_46331_5651.N1	09-JAN-2011 12:04:52	Straylight	46.000	117	Pi Pup	2.7060	3800.0	92	46331	No
193	GOM_NL__2PRFIN20110109_120730_000000463098_00196_46331_5652.N1	09-JAN-2011 12:07:30	Straylight	45.500	23	21Eps CMa	1.5020	26000.	91	46331	No
194	GOM_NL__2PRFIN20110109_120857_000000413098_00196_46331_5653.N1	09-JAN-2011 12:08:57	Straylight	41.000	179	24Omi2CMa	3.0320	24000.	82	46331	No
195	GOM_NL__2PRFIN20110109_121115_000000523098_00196_46331_5654.N1	09-JAN-2011 12:11:15	Straylight	51.500	1	9Alp CMa	-1.4400	11000.	103	46331	No
196	GOM_NL__2PRFIN20110109_121831_000000593098_00196_46331_5655.N1	09-JAN-2011 12:18:31	Tw_i_and_stray	59.000	8	10Alp CMi	0.40000	6500.0	118	46331	No
197	GOM_NL__2PRFIN20110109_122114_000000463098_00196_46331_5656.N1	09-JAN-2011 12:21:14	Tw_i_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	46331	No
198	GOM_NL__2PRFIN20110109_122255_000000473098_00196_46331_5657.N1	09-JAN-2011 12:22:55	Bright	47.000	151	13Mu Gem	2.8900	3000.0	94	46331	No
199	GOM_NL__2PRFIN20110109_122659_000000383098_00196_46331_5658.N1	09-JAN-2011 12:26:59	Bright	38.000	107	37The Aur	2.6490	11000.	76	46331	No
200	GOM_NL__2PRFIN20110109_122911_000000383098_00196_46331_5659.N1	09-JAN-2011 12:29:11	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	46331	No
201	GOM_NL__2PRFIN20110109_124546_000000373098_00196_46331_5660.N1	09-JAN-2011 12:45:46	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	46331	No
202	GOM_NL__2PRFIN20110109_124953_000000363098_00196_46331_5661.N1	09-JAN-2011 12:49:53	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	46331	No
203	GOM_NL__2PRFIN20110109_125701_000000573098_00196_46331_5662.N1	09-JAN-2011 12:57:01	Bright	57.000	180	27Gam Boo	3.0400	8000.0	114	46331	No
204	GOM_NL__2PRFIN20110109_130108_000000703098_00196_46331_5663.N1	09-JAN-2011 13:01:08	Bright	70.000	83		2.3780	11000.	140	46331	No
205	GOM_NL__2PRFIN20110109_130639_000000583098_00196_46331_5664.N1	09-JAN-2011 13:06:39	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46331	No
206	GOM_NL__2PRFIN20110109_131205_000000453098_00196_46331_5665.N1	09-JAN-2011 13:12:05	Tw_i_and_stray	44.500	104	27Bet Lib	2.6140	13100.	89	46331	No
207	GOM_NL__2PRFIN20110109_131503_000000483098_00196_46331_5666.N1	09-JAN-2011 13:15:03	Tw_i_and_stray	47.500	122	9Alp2Lib	2.7470	9700.0	95	46331	No
208	GOM_NL__2PRFIN20110109_132119_000000423098_00196_46331_5667.N1	09-JAN-2011 13:21:19	Dark	41.500	109	Bet Lup	2.6770	26000.	83	46331	No
209	GOM_NL__2PRFIN20110109_132250_000000403098_00196_46331_5668.N1	09-JAN-2011 13:22:50	Dark	39.500	78	Alp Lup	2.3040	28000.	79	46331	No
210	GOM_NL__2PRFIN20110109_132438_000000413098_00196_46331_5669.N1	09-JAN-2011 13:24:38	Dark	40.500	95	Zet Cen	2.5450	26000.	81	46331	No
211	GOM_NL__2PRFIN20110109_132614_000000433098_00197_46332_5672.N1	09-JAN-2011 13:26:14	Dark	43.000	77	Eps Cen	2.3030	28000.	86	46332	No
212	GOM_NL__2PRFIN20110109_132855_000000423098_00197_46332_5673.N1	09-JAN-2011 13:28:55	Dark	41.500	20	Bet Cru	1.2530	30000.	83	46332	No
213	GOM_NL__2PRFIN20110109_133438_000000583098_00197_46332_5674.N1	09-JAN-2011 13:34:38	Dark	58.000	113	Mu Vel	2.6920	5000.0	116	46332	No
214	GOM_NL__2PRFIN20110109_133629_000000483098_00197_46332_5675.N1	09-JAN-2011 13:36:29	Dark	48.000	71	lot Car	2.2460	7700.0	96	46332	No
215	GOM_NL__2PRFIN20110109_133822_000000483098_00197_46332_5676.N1	09-JAN-2011 13:38:22	Dark	48.000	46	Del Vel	1.9540	10600.	96	46332	No
216	GOM_NL__2PRFIN20110109_134108_000000433098_00197_46332_5677.N1	09-JAN-2011 13:41:08	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	46332	No
217	GOM_NL__2PRFIN20110109_134318_000000433098_00197_46332_5678.N1	09-JAN-2011 13:43:18	Dark	43.000	70	Zet Pup	2.2460	39000.	86	46332	No
218	GOM_NL__2PRFIN20110109_134506_000000473098_00197_46332_5679.N1	09-JAN-2011 13:45:06	Straylight	46.500	117	Pi Pup	2.7060	3800.0	93	46332	No
219	GOM_NL__2PRFIN20110109_134744_000000453098_00197_46332_5680.N1	09-JAN-2011 13:47:44	Straylight	44.500	23	21Eps CMa	1.5020	26000.	89	46332	No

220	GOM_NL__2PRFIN20110109_134911_000000433098_00197_46332_5681.N1	09-JAN-2011 13:49:11	Straylight	43.000	179	24Omi2CMA	3.0320	24000.	86	46332	No
221	GOM_NL__2PRFIN20110109_135129_000000533098_00197_46332_5682.N1	09-JAN-2011 13:51:29	Straylight	52.500	1	9Alp CMA	-1.4400	11000.	105	46332	No
222	GOM_NL__2PRFIN20110109_135845_000000593098_00197_46332_5683.N1	09-JAN-2011 13:58:45	TwI_and_stray	59.000	8	10Alp CMi	0.40000	6500.0	118	46332	No
223	GOM_NL__2PRFIN20110109_140128_000000463098_00197_46332_5684.N1	09-JAN-2011 14:01:28	TwI_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	46332	No
224	GOM_NL__2PRFIN20110109_140308_000000563098_00197_46332_5685.N1	09-JAN-2011 14:03:08	Bright	56.000	151	13Mu Gem	2.8900	3000.0	112	46332	No
225	GOM_NL__2PRFIN20110109_140713_000000383098_00197_46332_5686.N1	09-JAN-2011 14:07:13	Bright	38.000	107	37The Aur	2.6490	11000.	76	46332	No
226	GOM_NL__2PRFIN20110109_140926_000000373098_00197_46332_5687.N1	09-JAN-2011 14:09:26	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	46332	No
227	GOM_NL__2PRFIN20110109_142600_000000403098_00197_46332_5688.N1	09-JAN-2011 14:26:00	Bright	39.500	60	7Bet UMi	2.0810	3950.0	79	46332	No
228	GOM_NL__2PRFIN20110109_143007_000000373098_00197_46332_5689.N1	09-JAN-2011 14:30:07	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	46332	No
229	GOM_NL__2PRFIN20110109_143715_000000593098_00197_46332_5690.N1	09-JAN-2011 14:37:15	Bright	59.000	180	27Gam Boo	3.0400	8000.0	118	46332	No
230	GOM_NL__2PRFIN20110109_144122_000000503098_00197_46332_5691.N1	09-JAN-2011 14:41:22	Bright	49.500	83		2.3780	11000.	99	46332	No
231	GOM_NL__2PRFIN20110109_144653_000000583098_00197_46332_5692.N1	09-JAN-2011 14:46:53	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46332	No
232	GOM_NL__2PRFIN20110109_145219_000000473098_00197_46332_5693.N1	09-JAN-2011 14:52:19	TwI_and_stray	47.000	104	27Bet Lib	2.6140	13100.	94	46332	No
233	GOM_NL__2PRFIN20110109_145518_000000473098_00197_46332_5694.N1	09-JAN-2011 14:55:18	TwI_and_stray	46.500	122	9Alp2Lib	2.7470	9700.0	93	46332	No
234	GOM_NL__2PRFIN20110109_150134_000000403098_00197_46332_5695.N1	09-JAN-2011 15:01:34	Dark	39.500	109	Bet Lup	2.6770	26000.	79	46332	No
235	GOM_NL__2PRFIN20110109_150304_000000473098_00197_46332_5696.N1	09-JAN-2011 15:03:04	Dark	46.500	78	Alp Lup	2.3040	28000.	93	46332	No
236	GOM_NL__2PRFIN20110109_150452_000000433098_00197_46332_5697.N1	09-JAN-2011 15:04:52	Dark	42.500	95	Zet Cen	2.5450	26000.	85	46332	No
237	GOM_NL__2PRFIN20110109_150629_000000413098_00198_46333_5717.N1	09-JAN-2011 15:06:29	Dark	41.000	77	Eps Cen	2.3030	28000.	82	46333	No
238	GOM_NL__2PRFIN20110109_150909_000000433098_00198_46333_5718.N1	09-JAN-2011 15:09:09	Dark	42.500	20	Bet Cru	1.2530	30000.	85	46333	No
239	GOM_NL__2PRFIN20110109_151453_000000483098_00198_46333_5719.N1	09-JAN-2011 15:14:53	Dark	48.000	113	Mu Vel	2.6920	5000.0	96	46333	No
240	GOM_NL__2PRFIN20110109_151643_000000423098_00198_46333_5720.N1	09-JAN-2011 15:16:43	Dark	42.000	71	lot Car	2.2460	7700.0	84	46333	No
241	GOM_NL__2PRFIN20110109_151837_000000413098_00198_46333_5721.N1	09-JAN-2011 15:18:37	Dark	41.000	46	Del Vel	1.9540	10600.	82	46333	No
242	GOM_NL__2PRFIN20110109_152123_000000433098_00198_46333_5722.N1	09-JAN-2011 15:21:23	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	46333	No
243	GOM_NL__2PRFIN20110109_152332_000000483098_00198_46333_5723.N1	09-JAN-2011 15:23:32	Dark	47.500	70	Zet Pup	2.2460	39000.	95	46333	No
244	GOM_NL__2PRFIN20110109_152521_000000473098_00198_46333_5724.N1	09-JAN-2011 15:25:21	Straylight	46.500	117	Pi Pup	2.7060	3800.0	93	46333	No
245	GOM_NL__2PRFIN20110109_152758_000000453098_00198_46333_5725.N1	09-JAN-2011 15:27:58	Straylight	45.000	23	21Eps CMA	1.5020	26000.	90	46333	No
246	GOM_NL__2PRFIN20110109_152926_000000413098_00198_46333_5726.N1	09-JAN-2011 15:29:26	Straylight	41.000	179	24Omi2CMA	3.0320	24000.	82	46333	No
247	GOM_NL__2PRFIN20110109_153143_000000493098_00198_46333_5727.N1	09-JAN-2011 15:31:43	Straylight	48.500	1	9Alp CMA	-1.4400	11000.	97	46333	No
248	GOM_NL__2PRFIN20110109_153859_000000693098_00198_46333_5728.N1	09-JAN-2011 15:38:59	TwI_and_stray	69.000	8	10Alp CMi	0.40000	6500.0	138	46333	No
249	GOM_NL__2PRFIN20110109_154141_000000483098_00198_46333_5729.N1	09-JAN-2011 15:41:41	TwI_and_stray	48.000	44	24Gam Gem	1.9280	11000.	96	46333	No
250	GOM_NL__2PRFIN20110109_154322_000000433098_00198_46333_5730.N1	09-JAN-2011 15:43:22	Bright	43.000	151	13Mu Gem	2.8900	3000.0	86	46333	No
251	GOM_NL__2PRFIN20110109_154727_000000383098_00198_46333_5731.N1	09-JAN-2011 15:47:27	Bright	37.500	107	37The Aur	2.6490	11000.	75	46333	No
252	GOM_NL__2PRFIN20110109_154939_000000383098_00198_46333_5732.N1	09-JAN-2011 15:49:39	Bright	38.000	42	34Bet Aur	1.9000	10200.	76	46333	No
253	GOM_NL__2PRFIN20110109_160613_000000393098_00198_46333_5733.N1	09-JAN-2011 16:06:13	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46333	No
254	GOM_NL__2PRFIN20110109_161021_000000383098_00198_46333_5734.N1	09-JAN-2011 16:10:21	Bright	38.000	119	14Eta Dra	2.7270	4700.0	76	46333	No
255	GOM_NL__2PRFIN20110109_161729_000000473098_00198_46333_5735.N1	09-JAN-2011 16:17:29	Bright	46.500	180	27Gam Boo	3.0400	8000.0	93	46333	No
256	GOM_NL__2PRFIN20110109_162137_000000493098_00198_46333_5736.N1	09-JAN-2011 16:21:37	Bright	49.000	83		2.3780	11000.	98	46333	No
257	GOM_NL__2PRFIN20110109_162707_000000583098_00198_46333_5737.N1	09-JAN-2011 16:27:07	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46333	No
258	GOM_NL__2PRFIN20110109_163234_000000493098_00198_46333_5738.N1	09-JAN-2011 16:32:34	TwI_and_stray	49.000	104	27Bet Lib	2.6140	13100.	98	46333	No
259	GOM_NL__2PRFIN20110109_163533_000000453098_00198_46333_5739.N1	09-JAN-2011 16:35:33	TwI_and_stray	45.000	122	9Alp2Lib	2.7470	9700.0	90	46333	No
260	GOM_NL__2PRFIN20110109_164149_000000393098_00198_46333_5740.N1	09-JAN-2011 16:41:49	Dark	39.000	109	Bet Lup	2.6770	26000.	78	46333	No
261	GOM_NL__2PRFIN20110109_164319_000000413098_00198_46333_5741.N1	09-JAN-2011 16:43:19	Dark	41.000	78	Alp Lup	2.3040	28000.	82	46333	No
262	GOM_NL__2PRFIN20110109_164507_000000433098_00198_46333_5742.N1	09-JAN-2011 16:45:07	Dark	42.500	95	Zet Cen	2.5450	26000.	85	46333	No
263	GOM_NL__2PRFIN20110109_164643_000000413098_00199_46334_5746.N1	09-JAN-2011 16:46:43	Dark	41.000	77	Eps Cen	2.3030	28000.	82	46334	No
264	GOM_NL__2PRFIN20110109_164924_000000453098_00199_46334_5747.N1	09-JAN-2011 16:49:24	Dark	45.000	20	Bet Cru	1.2530	30000.	90	46334	No
265	GOM_NL__2PRFIN20110109_165508_000000473098_00199_46334_5748.N1	09-JAN-2011 16:55:08	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46334	No
266	GOM_NL__2PRFIN20110109_165658_000000413098_00199_46334_5749.N1	09-JAN-2011 16:56:58	Dark	41.000	71	lot Car	2.2460	7700.0	82	46334	No
267	GOM_NL__2PRFIN20110109_165851_000000413098_00199_46334_5750.N1	09-JAN-2011 16:58:51	Dark	41.000	46	Del Vel	1.9540	10600.	82	46334	No
268	GOM_NL__2PRFIN20110109_170137_000000473098_00199_46334_5751.N1	09-JAN-2011 17:01:37	Dark	46.500	34	Gam2Vel	1.7930	23000.	93	46334	No
269	GOM_NL__2PRFIN20110109_170347_000000463098_00199_46334_5752.N1	09-JAN-2011 17:03:47	Dark	45.500	70	Zet Pup	2.2460	39000.	91	46334	No
270	GOM_NL__2PRFIN20110109_170535_000000473098_00199_46334_5753.N1	09-JAN-2011 17:05:35	Straylight	47.000	117	Pi Pup	2.7060	3800.0	94	46334	No
271	GOM_NL__2PRFIN20110109_170813_000000473098_00199_46334_5754.N1	09-JAN-2011 17:08:13	Straylight	46.500	23	21Eps CMA	1.5020	26000.	93	46334	No
272	GOM_NL__2PRFIN20110109_170940_000000433098_00199_46334_5755.N1	09-JAN-2011 17:09:40	Straylight	42.500	179	24Omi2CMA	3.0320	24000.	85	46334	No
273	GOM_NL__2PRFIN20110109_171157_000000553098_00199_46334_5756.N1	09-JAN-2011 17:11:57	Straylight	54.500	1	9Alp CMA	-1.4400	11000.	109	46334	No
274	GOM_NL__2PRFIN20110109_171913_000000633098_00199_46334_5757.N1	09-JAN-2011 17:19:13	TwI_and_stray	62.500	8	10Alp CMi	0.40000	6500.0	125	46334	No
275	GOM_NL__2PRFIN20110109_172155_000000463098_00199_46334_5758.N1	09-JAN-2011 17:21:55	TwI_and_stray	45.500	44	24Gam Gem	1.9280	11000.	91	46334	No
276	GOM_NL__2PRFIN20110109_172336_000000463098_00199_46334_5759.N1	09-JAN-2011 17:23:36	Bright	45.500	151	13Mu Gem	2.8900	3000.0	91	46334	No
277	GOM_NL__2PRFIN20110109_172741_000000383098_00199_46334_5760.N1	09-JAN-2011 17:27:41	Bright	37.500	107	37The Aur	2.6490	11000.	75	46334	No
278	GOM_NL__2PRFIN20110109_172953_000000383098_00199_46334_5761.N1	09-JAN-2011 17:29:53	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	46334	No

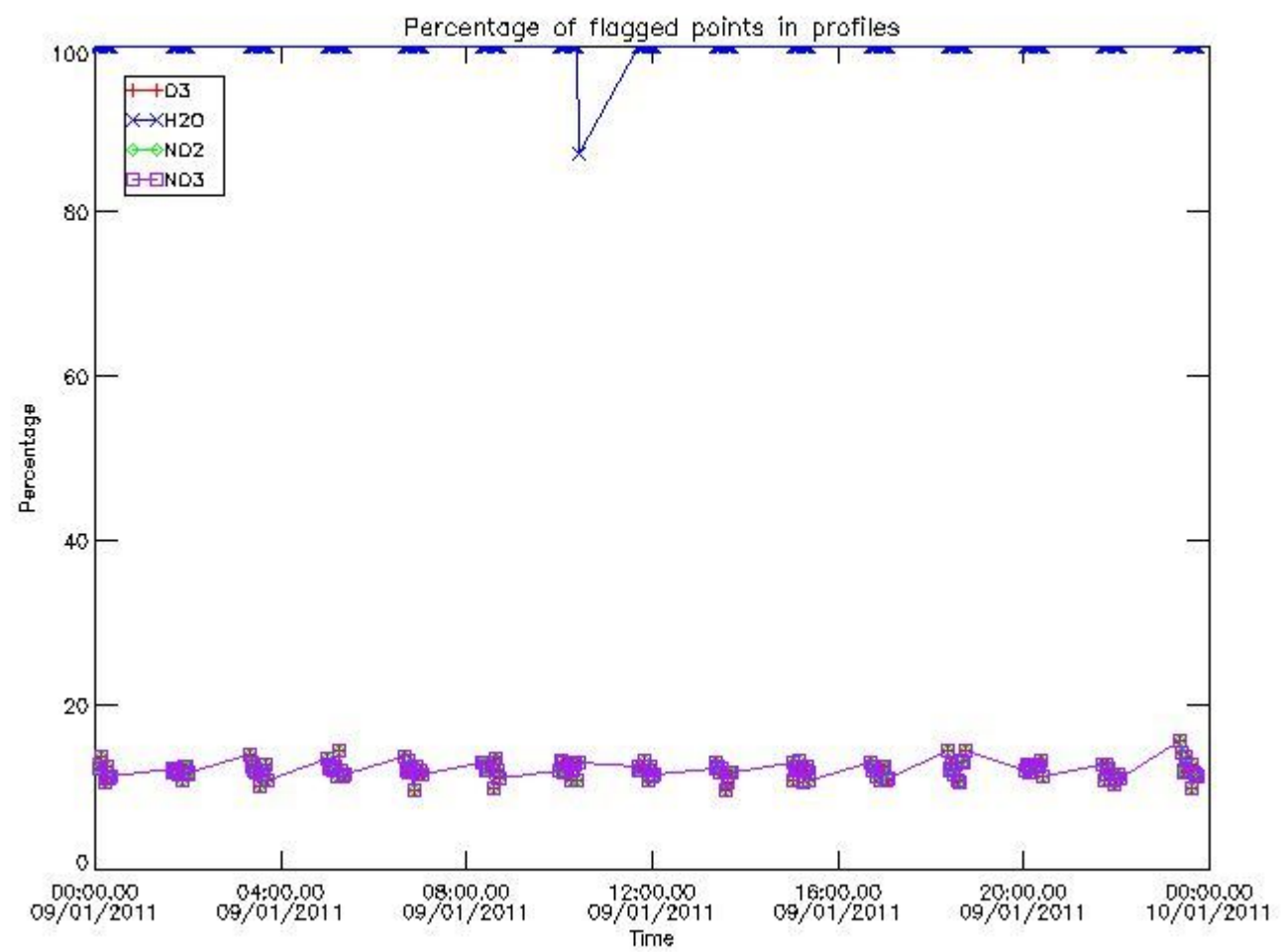
279	GOM_NL__2PRFIN20110109_174628_000000373098_00199_46334_5762.N1	09-JAN-2011 17:46:28	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	46334	No
280	GOM_NL__2PRFIN20110109_175035_000000373098_00199_46334_5763.N1	09-JAN-2011 17:50:35	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	46334	No
281	GOM_NL__2PRFIN20110109_175743_000000563098_00199_46334_5764.N1	09-JAN-2011 17:57:43	Bright	56.000	180	27Gam Boo	3.0400	8000.0	112	46334	No
282	GOM_NL__2PRFIN20110109_180151_000000503098_00199_46334_5765.N1	09-JAN-2011 18:01:51	Bright	50.000	83		2.3780	11000.	100	46334	No
283	GOM_NL__2PRFIN20110109_180722_000000583098_00199_46334_5766.N1	09-JAN-2011 18:07:22	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46334	No
284	GOM_NL__2PRFIN20110109_181249_000000463098_00199_46334_5767.N1	09-JAN-2011 18:12:49	Twi_and_stray	45.500	104	27Bet Lib	2.6140	13100.	91	46334	No
285	GOM_NL__2PRFIN20110109_181548_000000523098_00199_46334_5768.N1	09-JAN-2011 18:15:48	Twi_and_stray	52.000	122	9Alp2Lib	2.7470	9700.0	104	46334	No
286	GOM_NL__2PRFIN20110109_182203_000000393098_00199_46334_5769.N1	09-JAN-2011 18:22:03	Dark	39.000	109	Bet Lup	2.6770	26000.	78	46334	No
287	GOM_NL__2PRFIN20110109_182333_000000423098_00199_46334_5770.N1	09-JAN-2011 18:23:33	Dark	41.500	78	Alp Lup	2.3040	28000.	83	46334	No
288	GOM_NL__2PRFIN20110109_182522_000000423098_00199_46334_5771.N1	09-JAN-2011 18:25:22	Dark	42.000	95	Zet Cen	2.5450	26000.	84	46334	No
289	GOM_NL__2PRFIN20110109_182658_000000403098_00200_46335_5792.N1	09-JAN-2011 18:26:58	Dark	40.000	77	Eps Cen	2.3030	28000.	80	46335	No
290	GOM_NL__2PRFIN20110109_182938_000000443098_00200_46335_5793.N1	09-JAN-2011 18:29:38	Dark	44.000	20	Bet Cru	1.2530	30000.	88	46335	No
291	GOM_NL__2PRFIN20110109_183523_000000473098_00200_46335_5794.N1	09-JAN-2011 18:35:23	Dark	47.000	113	Mu Vel	2.6920	5000.0	94	46335	No
292	GOM_NL__2PRFIN20110109_183713_000000483098_00200_46335_5795.N1	09-JAN-2011 18:37:13	Dark	48.000	71	lot Car	2.2460	7700.0	96	46335	No
293	GOM_NL__2PRFIN20110109_183906_000000433098_00200_46335_5796.N1	09-JAN-2011 18:39:06	Dark	42.500	46	Del Vel	1.9540	10600.	85	46335	No
294	GOM_NL__2PRFIN20110109_184152_000000433098_00200_46335_5797.N1	09-JAN-2011 18:41:52	Dark	43.000	34	Gam2Vel	1.7930	23000.	86	46335	No
295	GOM_NL__2PRFIN20110109_184401_000000433098_00200_46335_5798.N1	09-JAN-2011 18:44:01	Dark	42.500	70	Zet Pup	2.2460	39000.	85	46335	No
296	GOM_NL__2PRFIN20110109_184550_000000523098_00200_46335_5799.N1	09-JAN-2011 18:45:50	Straylight	51.500	117	Pi Pup	2.7060	3800.0	103	46335	No
297	GOM_NL__2PRFIN20110109_184827_000000453098_00200_46335_5800.N1	09-JAN-2011 18:48:27	Straylight	44.500	23	21Eps CMa	1.5020	26000.	89	46335	No
298	GOM_NL__2PRFIN20110109_184954_000000423098_00200_46335_5801.N1	09-JAN-2011 18:49:54	Straylight	42.000	179	24Omi2CMa	3.0320	24000.	84	46335	No
299	GOM_NL__2PRFIN20110109_185211_000000533098_00200_46335_5802.N1	09-JAN-2011 18:52:11	Straylight	53.000	1	9Alp CMa	-1.4400	11000.	106	46335	No
300	GOM_NL__2PRFIN20110109_185926_000000563098_00200_46335_5803.N1	09-JAN-2011 18:59:26	Twi_and_stray	55.500	8	10Alp CMi	0.40000	6500.0	111	46335	No
301	GOM_NL__2PRFIN20110109_190209_000000443098_00200_46335_5804.N1	09-JAN-2011 19:02:09	Twi_and_stray	44.000	44	24Gam Gem	1.9280	11000.	88	46335	No
302	GOM_NL__2PRFIN20110109_190350_000000483098_00200_46335_5805.N1	09-JAN-2011 19:03:50	Bright	48.000	151	13Mu Gem	2.8900	3000.0	96	46335	No
303	GOM_NL__2PRFIN20110109_190755_000000383098_00200_46335_5806.N1	09-JAN-2011 19:07:55	Bright	37.500	107	37The Aur	2.6490	11000.	75	46335	No
304	GOM_NL__2PRFIN20110109_191007_000000373098_00200_46335_5807.N1	09-JAN-2011 19:10:07	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	46335	No
305	GOM_NL__2PRFIN20110109_192641_000000393098_00200_46335_5808.N1	09-JAN-2011 19:26:41	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46335	No
306	GOM_NL__2PRFIN20110109_193049_000000383098_00200_46335_5809.N1	09-JAN-2011 19:30:49	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	46335	No
307	GOM_NL__2PRFIN20110109_193757_000000703098_00200_46335_5810.N1	09-JAN-2011 19:37:57	Bright	70.000	180	27Gam Boo	3.0400	8000.0	140	46335	No
308	GOM_NL__2PRFIN20110109_194205_000000703098_00200_46335_5811.N1	09-JAN-2011 19:42:05	Bright	70.000	83		2.3780	11000.	140	46335	No
309	GOM_NL__2PRFIN20110109_194736_000000583098_00200_46335_5812.N1	09-JAN-2011 19:47:36	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46335	No
310	GOM_NL__2PRFIN20110109_195303_000000483098_00200_46335_5813.N1	09-JAN-2011 19:53:03	Twi_and_stray	48.000	104	27Bet Lib	2.6140	13100.	96	46335	No
311	GOM_NL__2PRFIN20110109_195602_000000473098_00200_46335_5814.N1	09-JAN-2011 19:56:02	Twi_and_stray	47.000	122	9Alp2Lib	2.7470	9700.0	94	46335	No
312	GOM_NL__2PRFIN20110109_200218_000000433098_00200_46335_5815.N1	09-JAN-2011 20:02:18	Dark	42.500	109	Bet Lup	2.6770	26000.	85	46335	No
313	GOM_NL__2PRFIN20110109_200348_000000403098_00200_46335_5816.N1	09-JAN-2011 20:03:48	Dark	40.000	78	Alp Lup	2.3040	28000.	80	46335	No
314	GOM_NL__2PRFIN20110109_200537_000000433098_00200_46335_5817.N1	09-JAN-2011 20:05:37	Dark	43.000	95	Zet Cen	2.5450	26000.	86	46335	No
315	GOM_NL__2PRFIN20110109_200713_000000453098_00201_46336_5862.N1	09-JAN-2011 20:07:13	Dark	44.500	77	Eps Cen	2.3030	28000.	89	46336	No
316	GOM_NL__2PRFIN20110109_200953_000000423098_00201_46336_5863.N1	09-JAN-2011 20:09:53	Dark	41.500	20	Bet Cru	1.2530	30000.	83	46336	No
317	GOM_NL__2PRFIN20110109_201538_000000493098_00201_46336_5864.N1	09-JAN-2011 20:15:38	Dark	48.500	113	Mu Vel	2.6920	5000.0	97	46336	No
318	GOM_NL__2PRFIN20110109_201727_000000403098_00201_46336_5865.N1	09-JAN-2011 20:17:27	Dark	40.000	71	lot Car	2.2460	7700.0	80	46336	No
319	GOM_NL__2PRFIN20110109_201920_000000413098_00201_46336_5866.N1	09-JAN-2011 20:19:20	Dark	41.000	46	Del Vel	1.9540	10600.	82	46336	No
320	GOM_NL__2PRFIN20110109_202206_000000463098_00201_46336_5867.N1	09-JAN-2011 20:22:06	Dark	46.000	34	Gam2Vel	1.7930	23000.	92	46336	No
321	GOM_NL__2PRFIN20110109_202416_000000453098_00201_46336_5868.N1	09-JAN-2011 20:24:16	Dark	45.000	70	Zet Pup	2.2460	39000.	90	46336	No
322	GOM_NL__2PRFIN20110109_202604_000000453098_00201_46336_5869.N1	09-JAN-2011 20:26:04	Straylight	44.500	117	Pi Pup	2.7060	3800.0	89	46336	No
323	GOM_NL__2PRFIN20110109_202841_000000433098_00201_46336_5870.N1	09-JAN-2011 20:28:41	Straylight	42.500	23	21Eps CMa	1.5020	26000.	85	46336	No
324	GOM_NL__2PRFIN20110109_203008_000000443098_00201_46336_5871.N1	09-JAN-2011 20:30:08	Straylight	43.500	179	24Omi2CMa	3.0320	24000.	87	46336	No
325	GOM_NL__2PRFIN20110109_203226_000000503098_00201_46336_5872.N1	09-JAN-2011 20:32:26	Straylight	50.000	1	9Alp CMa	-1.4400	11000.	100	46336	No
326	GOM_NL__2PRFIN20110109_203940_000000593098_00201_46336_5873.N1	09-JAN-2011 20:39:40	Twi_and_stray	59.000	8	10Alp CMi	0.40000	6500.0	118	46336	No
327	GOM_NL__2PRFIN20110109_204223_000000423098_00201_46336_5874.N1	09-JAN-2011 20:42:23	Twi_and_stray	42.000	44	24Gam Gem	1.9280	11000.	84	46336	No
328	GOM_NL__2PRFIN20110109_204404_000000423098_00201_46336_5875.N1	09-JAN-2011 20:44:04	Bright	41.500	151	13Mu Gem	2.8900	3000.0	83	46336	No
329	GOM_NL__2PRFIN20110109_204809_000000383098_00201_46336_5876.N1	09-JAN-2011 20:48:09	Bright	37.500	107	37The Aur	2.6490	11000.	75	46336	No
330	GOM_NL__2PRFIN20110109_205021_000000383098_00201_46336_5877.N1	09-JAN-2011 20:50:21	Bright	37.500	42	34Bet Aur	1.9000	10200.	75	46336	No
331	GOM_NL__2PRFIN20110109_210655_000000363098_00201_46336_5878.N1	09-JAN-2011 21:06:55	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	46336	No
332	GOM_NL__2PRFIN20110109_211103_000000383098_00201_46336_5879.N1	09-JAN-2011 21:11:03	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	46336	No
333	GOM_NL__2PRFIN20110109_211811_000000473098_00201_46336_5880.N1	09-JAN-2011 21:18:11	Bright	46.500	180	27Gam Boo	3.0400	8000.0	93	46336	No
334	GOM_NL__2PRFIN20110109_212220_000000713098_00201_46336_5881.N1	09-JAN-2011 21:22:20	Bright	71.000	83		2.3780	11000.	142	46336	No
335	GOM_NL__2PRFIN20110109_212751_000000583098_00201_46336_5882.N1	09-JAN-2011 21:27:51	Bright	57.500	102	24Alp Ser	2.6000	4250.0	115	46336	No
336	GOM_NL__2PRFIN20110109_213318_000000473098_00201_46336_5883.N1	09-JAN-2011 21:33:18	Twi_and_stray	46.500	104	27Bet Lib	2.6140	13100.	93	46336	No
337	GOM_NL__2PRFIN20110109_213617_000000473098_00201_46336_5884.N1	09-JAN-2011 21:36:17	Twi_and_stray	47.000	122	9Alp2Lib	2.7470	9700.0	94	46336	No

338	GOM_NL__2PRFIN20110109_214232_000000403098_00201_46336_5885.N1	09-JAN-2011 21:42:32	Dark	40.000	109	Bet Lup	2.6770	26000.	80	46336	No
339	GOM_NL__2PRFIN20110109_214402_000000473098_00201_46336_5886.N1	09-JAN-2011 21:44:02	Dark	47.000	78	Alp Lup	2.3040	28000.	94	46336	No
340	GOM_NL__2PRFIN20110109_214552_000000443098_00201_46336_5887.N1	09-JAN-2011 21:45:52	Dark	43.500	95	Zet Cen	2.5450	26000.	87	46336	No
341	GOM_NL__2PRFIN20110109_214727_000000443098_00202_46337_5845.N1	09-JAN-2011 21:47:27	Dark	44.000	77	Eps Cen	2.3030	28000.	88	46337	No
342	GOM_NL__2PRFIN20110109_215008_000000423098_00202_46337_5846.N1	09-JAN-2011 21:50:08	Dark	41.500	20	Bet Cru	1.2530	30000.	83	46337	No
343	GOM_NL__2PRFIN20110109_215553_000000483098_00202_46337_5847.N1	09-JAN-2011 21:55:53	Dark	47.500	113	Mu Vel	2.6920	5000.0	95	46337	No
344	GOM_NL__2PRFIN20110109_215742_000000493098_00202_46337_5848.N1	09-JAN-2011 21:57:42	Dark	49.000	71	lot Car	2.2460	7700.0	98	46337	No
345	GOM_NL__2PRFIN20110109_215935_000000463098_00202_46337_5849.N1	09-JAN-2011 21:59:35	Dark	45.500	46	Del Vel	1.9540	10600.	91	46337	No
346	GOM_NL__2PRFIN20110109_220221_000000453098_00202_46337_5850.N1	09-JAN-2011 22:02:21	Dark	44.500	34	Gam2Vel	1.7930	23000.	89	46337	No
347	GOM_NL__2PRFIN20110109_220430_000000463098_00202_46337_5851.N1	09-JAN-2011 22:04:30	Dark	45.500	70	Zet Pup	2.2460	39000.	91	46337	No
348	GOM_NL__2PRFIN20110109_220618_000000483098_00202_46337_5852.N1	09-JAN-2011 22:06:18	Straylight	47.500	117	Pi Pup	2.7060	3800.0	95	46337	No
349	GOM_NL__2PRFIN20110109_220855_000000463098_00202_46337_5853.N1	09-JAN-2011 22:08:55	Straylight	45.500	23	21Eps CMa	1.5020	26000.	91	46337	No
350	GOM_NL__2PRFIN20110109_221023_000000433098_00202_46337_5854.N1	09-JAN-2011 22:10:23	Straylight	43.000	179	24Omi2CMa	3.0320	24000.	86	46337	No
351	GOM_NL__2PRFIN20110109_221240_000000533098_00202_46337_5855.N1	09-JAN-2011 22:12:40	Straylight	52.500	1	9Alp CMa	-1.4400	11000.	105	46337	No
352	GOM_NL__2PRFIN20110109_221954_000000683098_00202_46337_5856.N1	09-JAN-2011 22:19:54	Tw_i_and_stray	68.000	8	10Alp CMi	0.40000	6500.0	136	46337	No
353	GOM_NL__2PRFIN20110109_222237_000000473098_00202_46337_5857.N1	09-JAN-2011 22:22:37	Tw_i_and_stray	46.500	44	24Gam Gem	1.9280	11000.	93	46337	No
354	GOM_NL__2PRFIN20110109_222418_000000473098_00202_46337_5858.N1	09-JAN-2011 22:24:18	Bright	47.000	151	13Mu Gem	2.8900	3000.0	94	46337	No
355	GOM_NL__2PRFIN20110109_222823_000000363098_00202_46337_5859.N1	09-JAN-2011 22:28:23	Bright	35.500	107	37The Aur	2.6490	11000.	71	46337	No
356	GOM_NL__2PRFIN20110109_223035_000000373098_00202_46337_5860.N1	09-JAN-2011 22:30:35	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	46337	No
357	GOM_NL__2PRFIN20110109_224709_000000393098_00202_46337_5861.N1	09-JAN-2011 22:47:09	Bright	39.000	60	7Bet UMi	2.0810	3950.0	78	46337	No
358	GOM_NL__2PRFIN20110109_225117_000000353098_00202_46337_5862.N1	09-JAN-2011 22:51:17	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	46337	No
359	GOM_NL__2PRFIN20110109_225825_000000703098_00202_46337_5863.N1	09-JAN-2011 22:58:25	Bright	70.000	180	27Gam Boo	3.0400	8000.0	140	46337	No
360	GOM_NL__2PRFIN20110109_230234_000000713098_00202_46337_5864.N1	09-JAN-2011 23:02:34	Bright	71.000	83		2.3780	11000.	142	46337	No
361	GOM_NL__2PRFIN20110109_230805_000000583098_00202_46337_5865.N1	09-JAN-2011 23:08:05	Bright	58.000	102	24Alp Ser	2.6000	4250.0	116	46337	No
362	GOM_NL__2PRFIN20110109_231333_000000463098_00202_46337_5866.N1	09-JAN-2011 23:13:33	Tw_i_and_stray	46.000	104	27Bet Lib	2.6140	13100.	92	46337	No
363	GOM_NL__2PRFIN20110109_231632_000000493098_00202_46337_5867.N1	09-JAN-2011 23:16:32	Tw_i_and_stray	49.000	122	9Alp2Lib	2.7470	9700.0	98	46337	No
364	GOM_NL__2PRFIN20110109_232247_000000393098_00202_46337_5868.N1	09-JAN-2011 23:22:47	Dark	39.000	109	Bet Lup	2.6770	26000.	78	46337	No
365	GOM_NL__2PRFIN20110109_232417_000000403098_00202_46337_5869.N1	09-JAN-2011 23:24:17	Dark	39.500	78	Alp Lup	2.3040	28000.	79	46337	No
366	GOM_NL__2PRFIN20110109_232606_000000443098_00202_46337_5870.N1	09-JAN-2011 23:26:06	Dark	43.500	95	Zet Cen	2.5450	26000.	87	46337	No
367	GOM_NL__2PRFIN20110109_232742_000000423098_00203_46338_5879.N1	09-JAN-2011 23:27:42	Dark	42.000	77	Eps Cen	2.3030	28000.	84	46338	No
368	GOM_NL__2PRFIN20110109_233022_000000413098_00203_46338_5880.N1	09-JAN-2011 23:30:22	Dark	41.000	20	Bet Cru	1.2530	30000.	82	46338	No
369	GOM_NL__2PRFIN20110109_233608_000000523098_00203_46338_5881.N1	09-JAN-2011 23:36:08	Dark	52.000	113	Mu Vel	2.6920	5000.0	104	46338	No
370	GOM_NL__2PRFIN20110109_233756_000000403098_00203_46338_5882.N1	09-JAN-2011 23:37:56	Dark	40.000	71	lot Car	2.2460	7700.0	80	46338	No
371	GOM_NL__2PRFIN20110109_233949_000000443098_00203_46338_5883.N1	09-JAN-2011 23:39:49	Dark	43.500	46	Del Vel	1.9540	10600.	87	46338	No
372	GOM_NL__2PRFIN20110109_234235_000000443098_00203_46338_5884.N1	09-JAN-2011 23:42:35	Dark	44.000	34	Gam2Vel	1.7930	23000.	88	46338	No
373	GOM_NL__2PRFIN20110109_234444_000000453098_00203_46338_5885.N1	09-JAN-2011 23:44:44	Dark	45.000	70	Zet Pup	2.2460	39000.	90	46338	No
374	GOM_NL__2PRFIN20110109_234632_000000463098_00203_46338_5886.N1	09-JAN-2011 23:46:32	Straylight	46.000	117	Pi Pup	2.7060	3800.0	92	46338	No
375	GOM_NL__2PRFIN20110109_234910_000000463098_00203_46338_5887.N1	09-JAN-2011 23:49:10	Straylight	45.500	23	21Eps CMa	1.5020	26000.	91	46338	No
376	GOM_NL__2PRFIN20110109_235036_000000403098_00203_46338_5888.N1	09-JAN-2011 23:50:36	Straylight	40.000	179	24Omi2CMa	3.0320	24000.	80	46338	No
377	GOM_NL__2PRFIN20110109_235254_000000513098_00203_46338_5889.N1	09-JAN-2011 23:52:54	Straylight	50.500	1	9Alp CMa	-1.4400	11000.	101	46338	No

### 3. Quality information per product

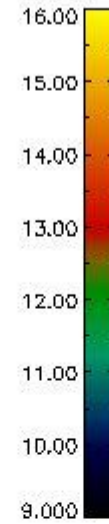
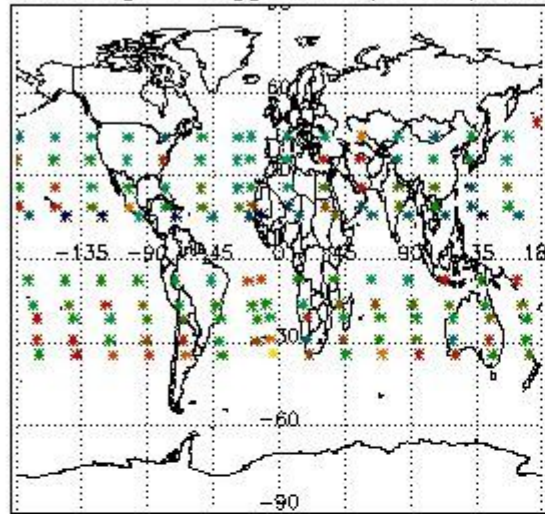
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

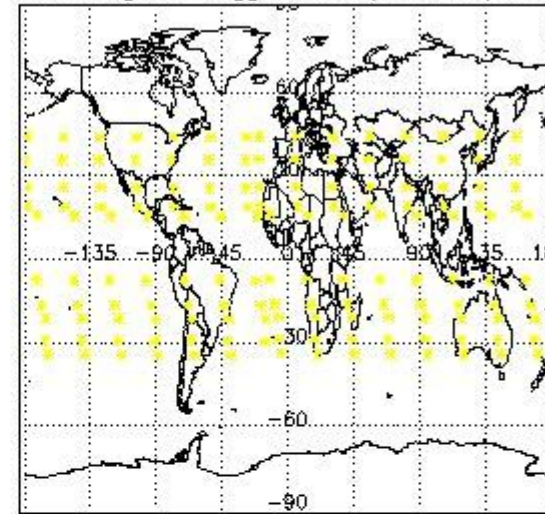


*3.2 Plot quality information per product (world map)*

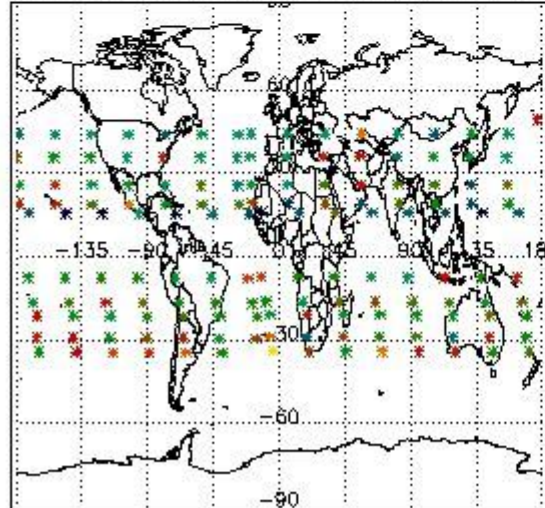
Percentage of flagged data per O3 profile



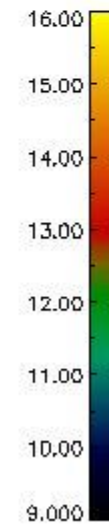
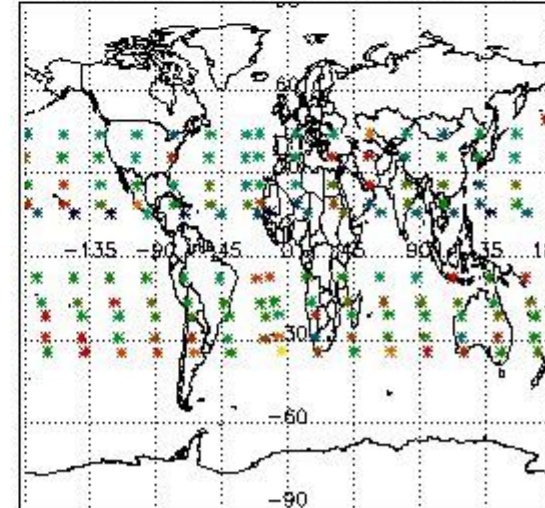
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

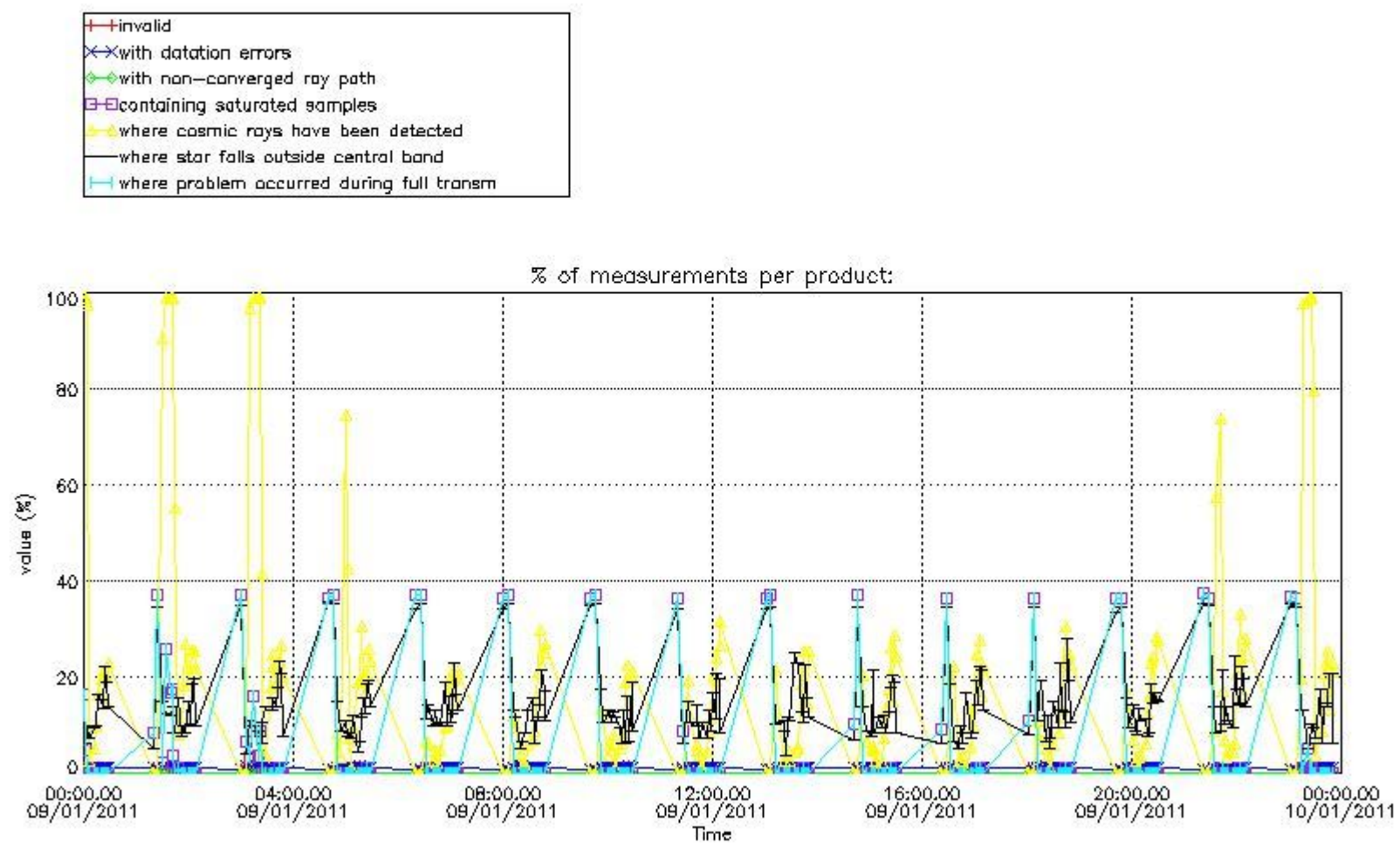


#### 4. Level 1 quality information per product

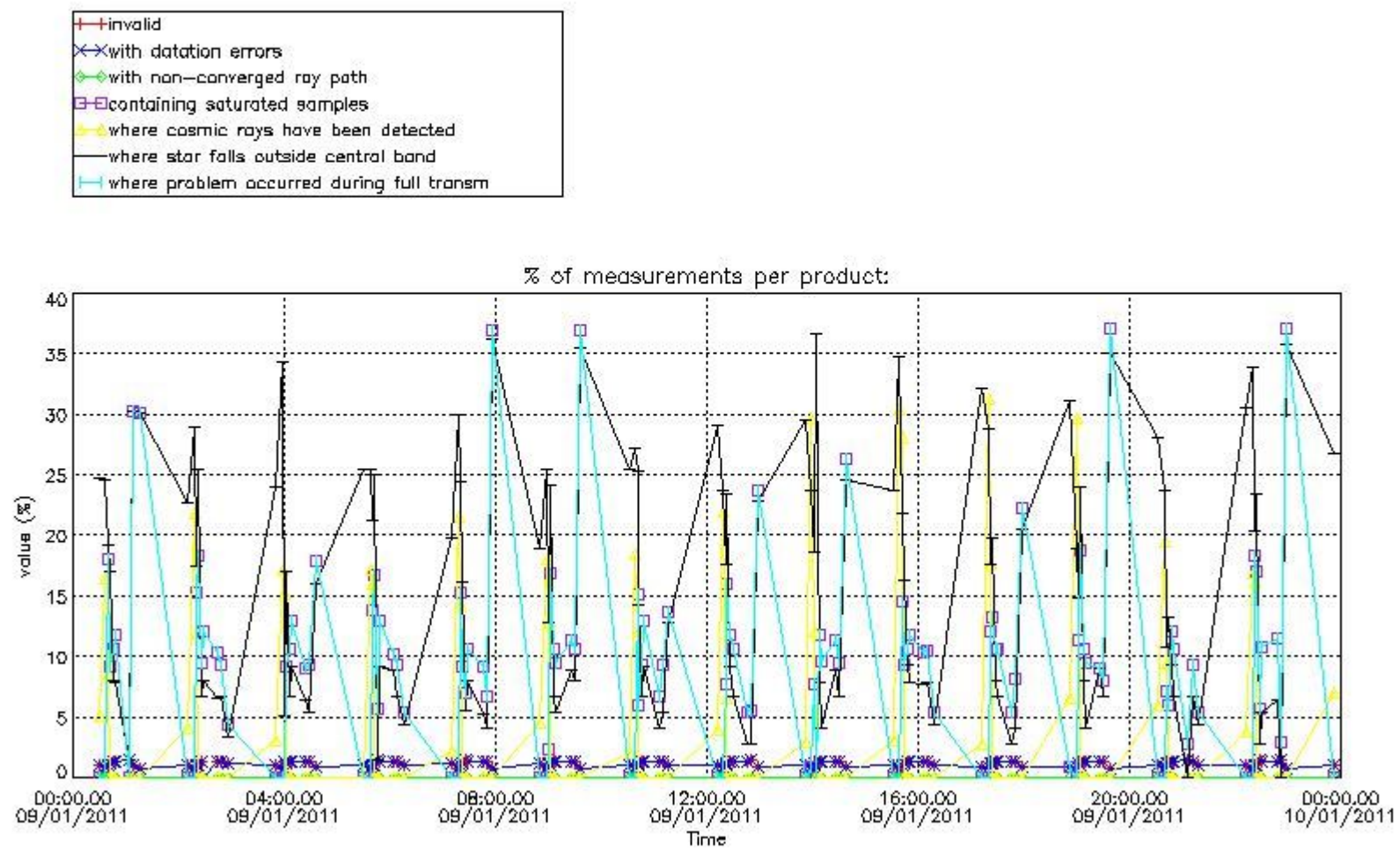
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



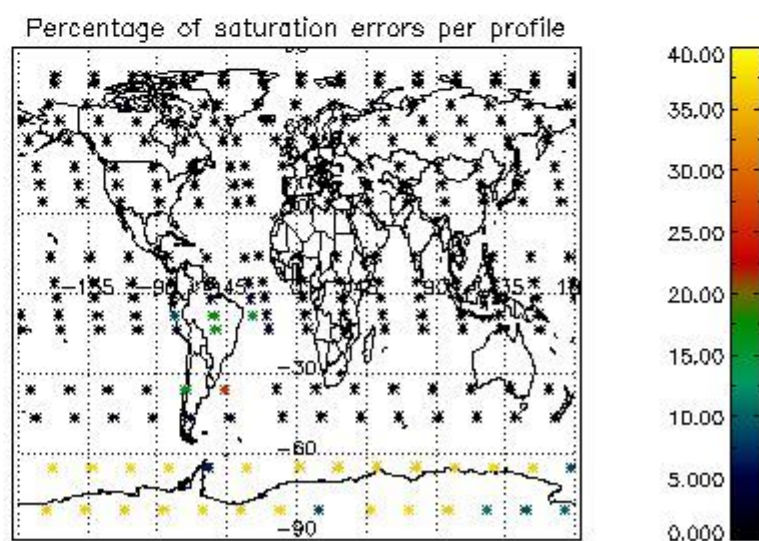
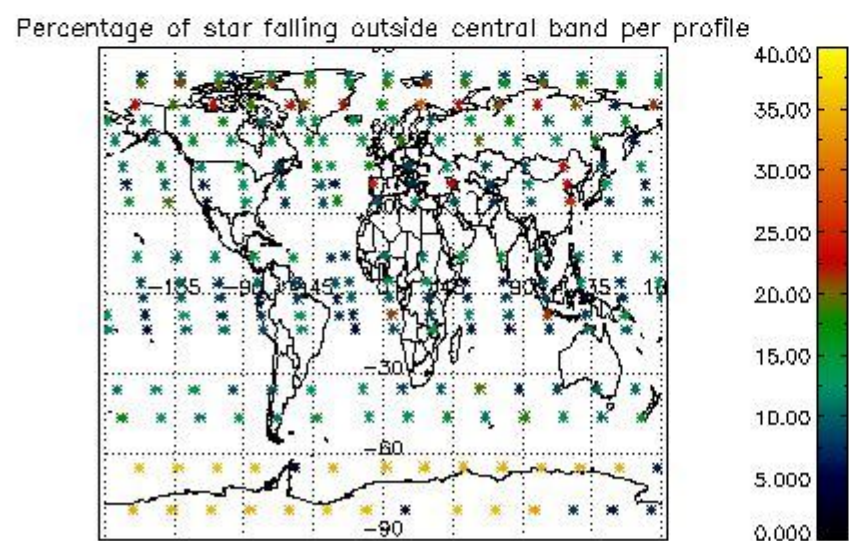
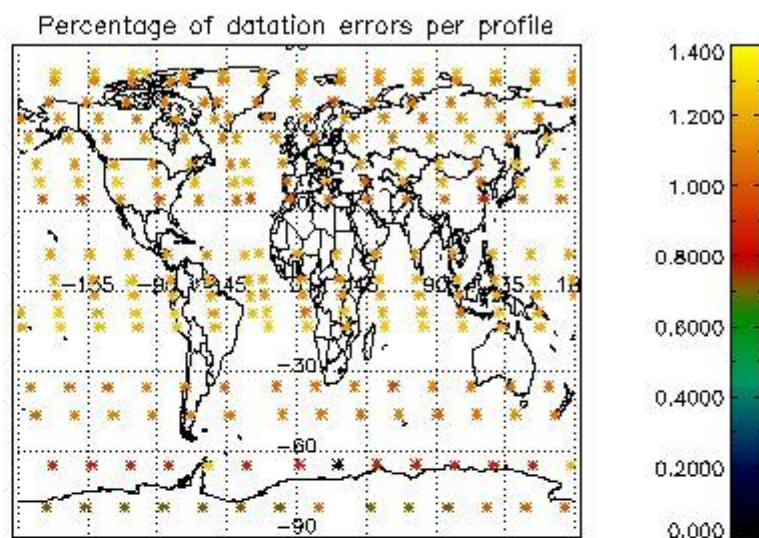
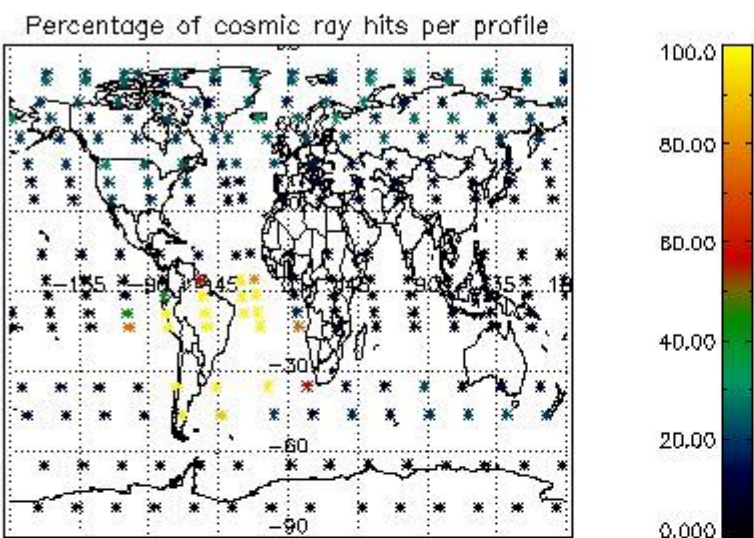
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



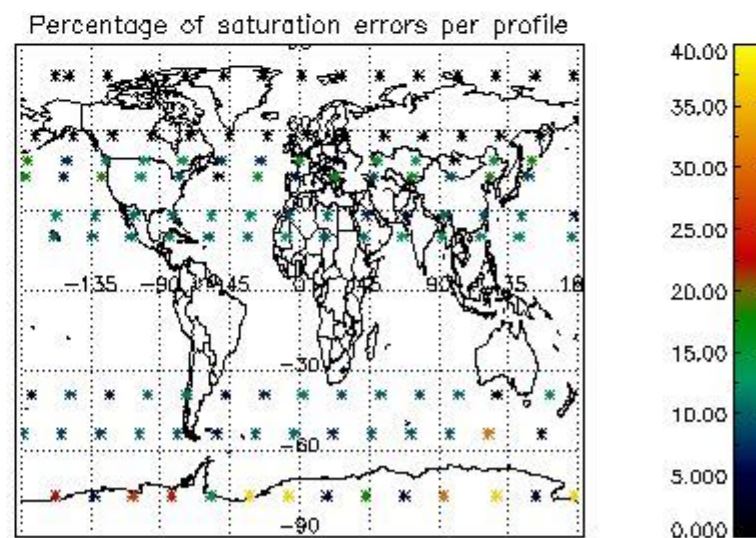
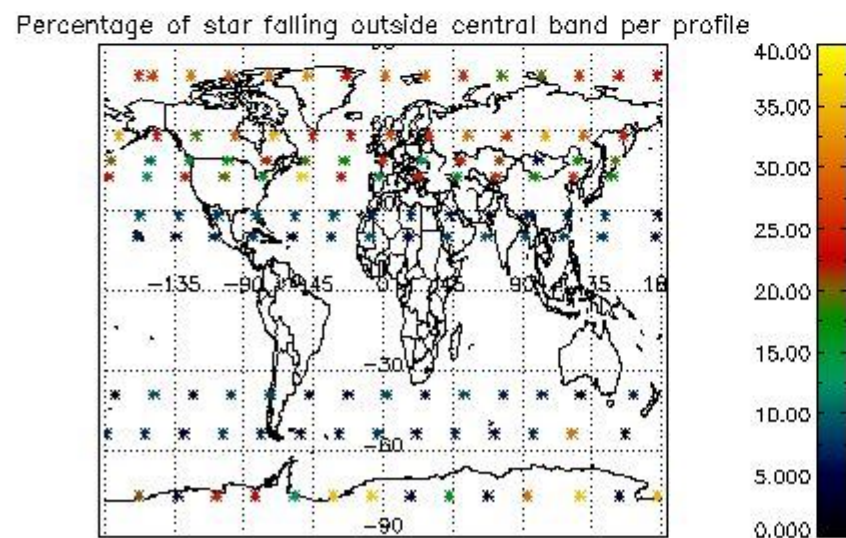
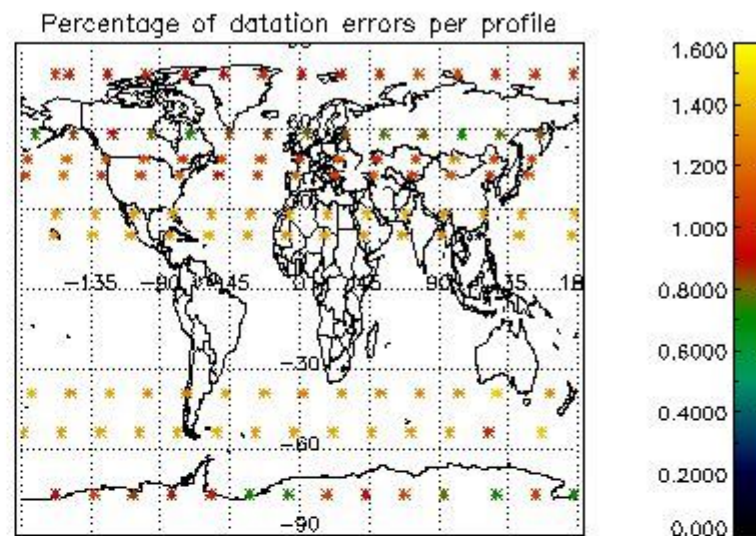
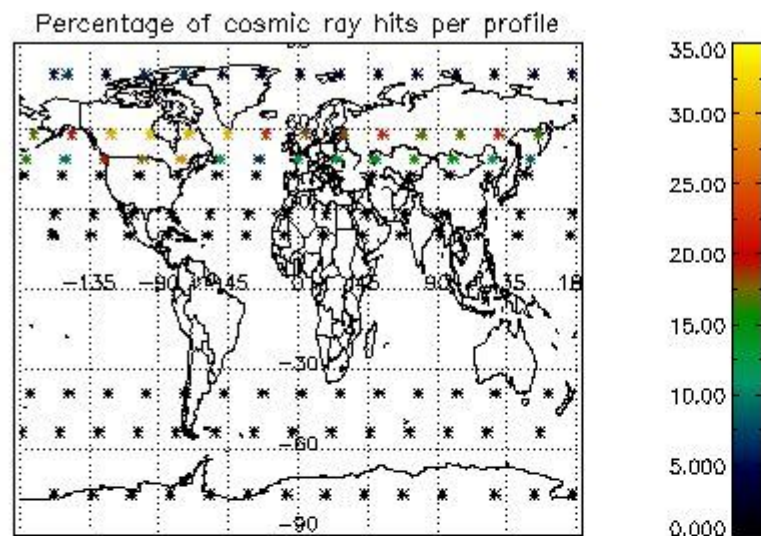
*4.2 Plot quality information per product coming from level 1b processing (world map)*

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





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



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

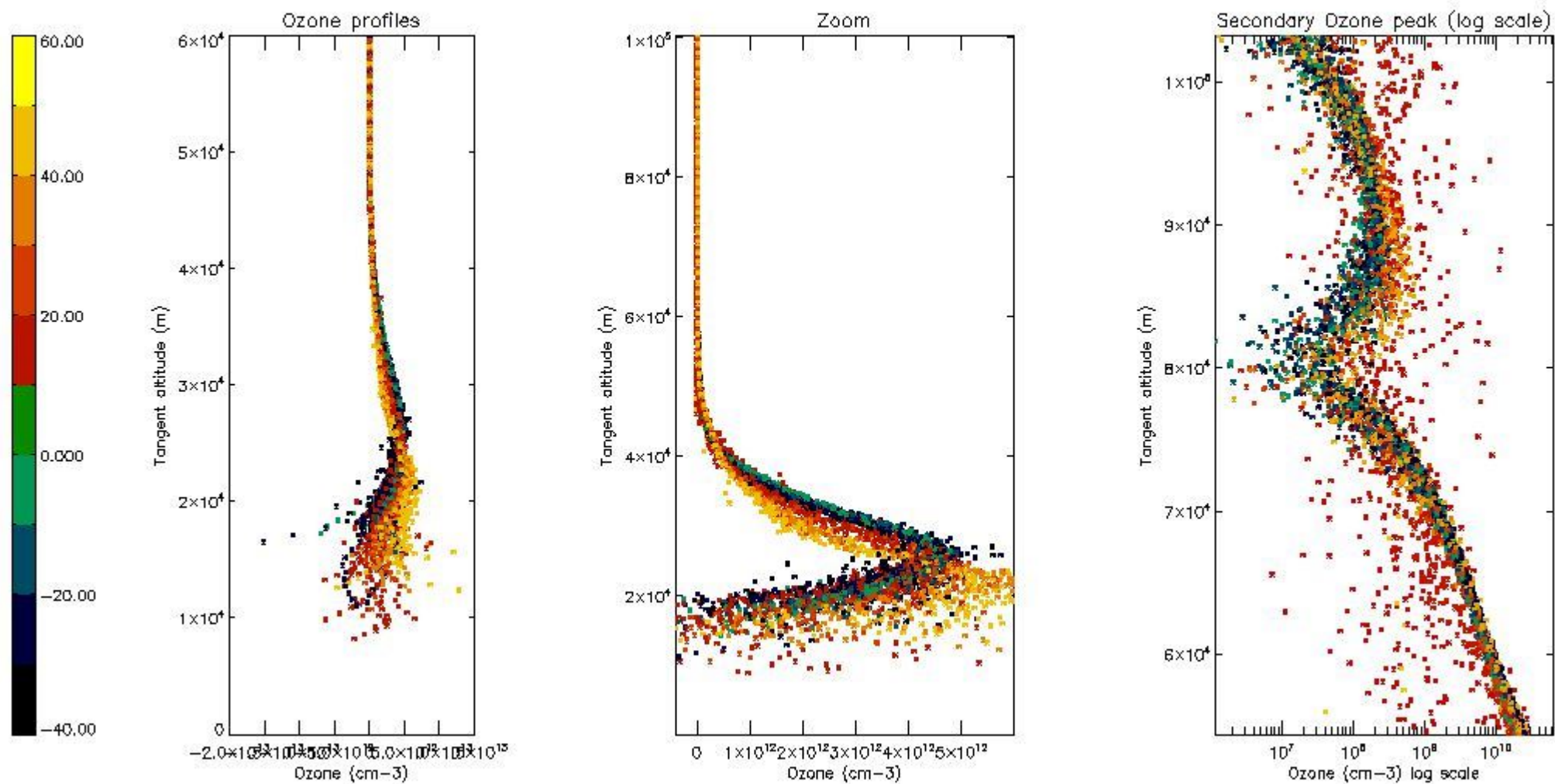
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	38
STD < 20	20

STD < 10	17
STD < 5	12

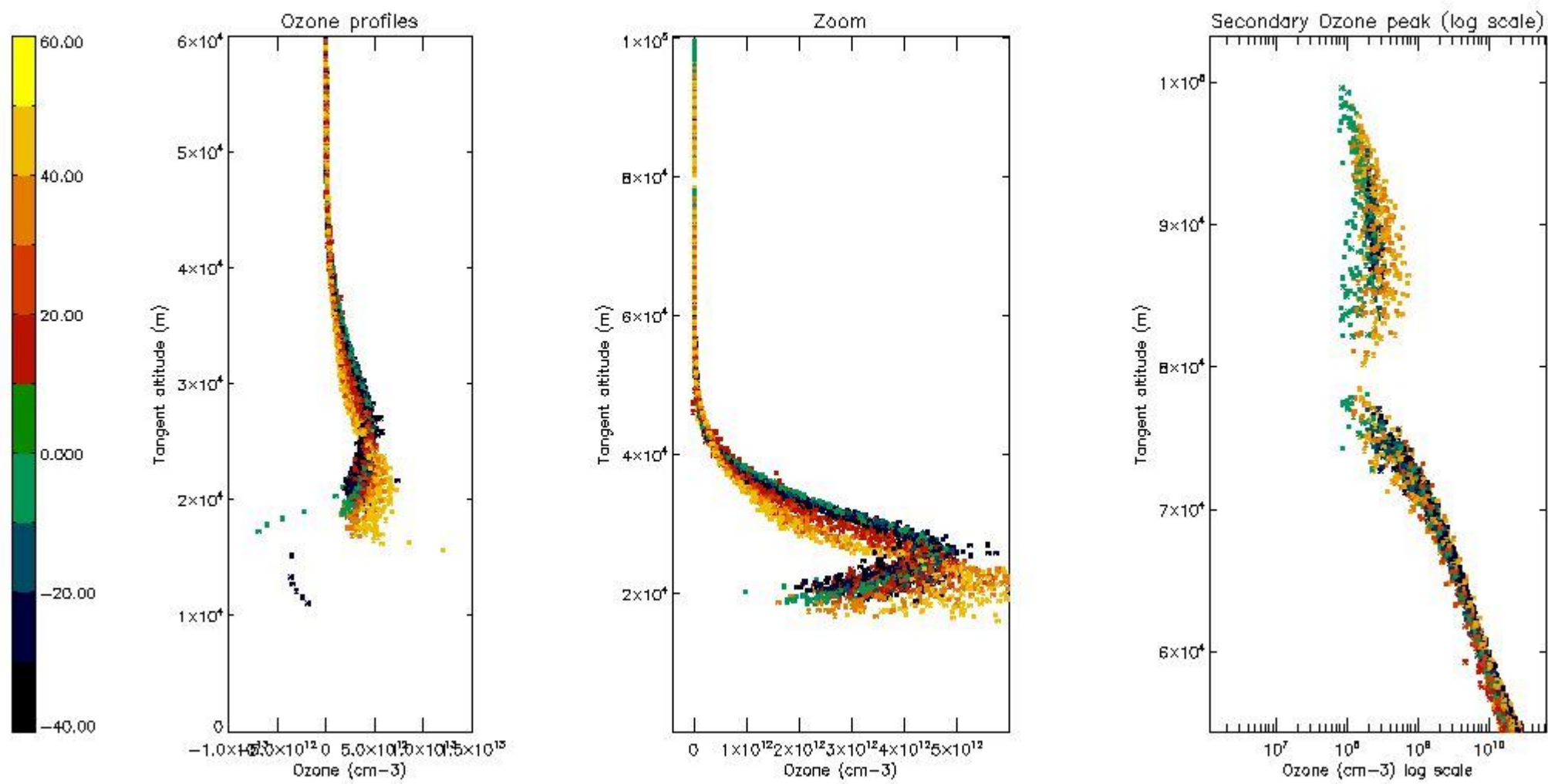
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



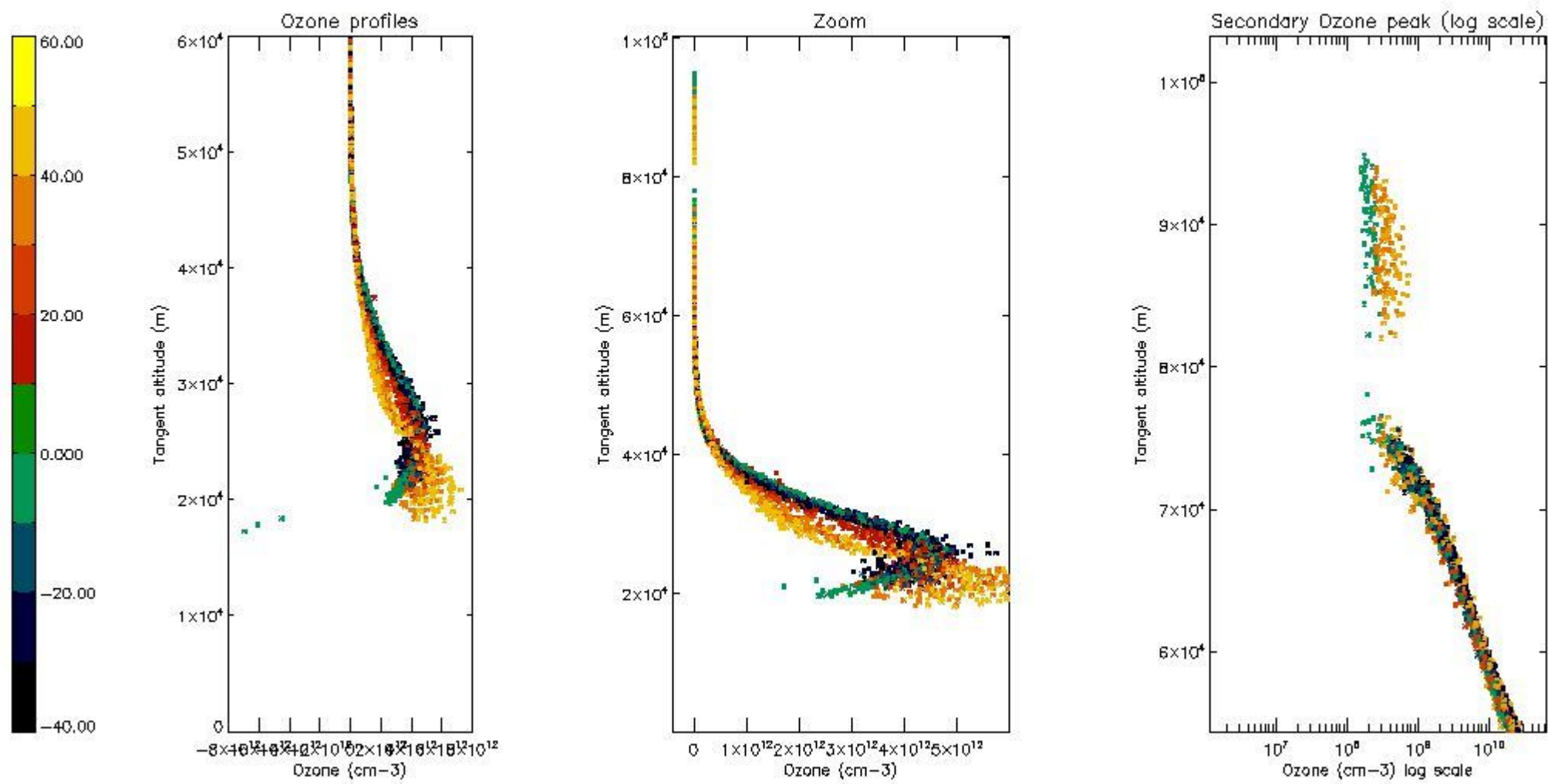
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



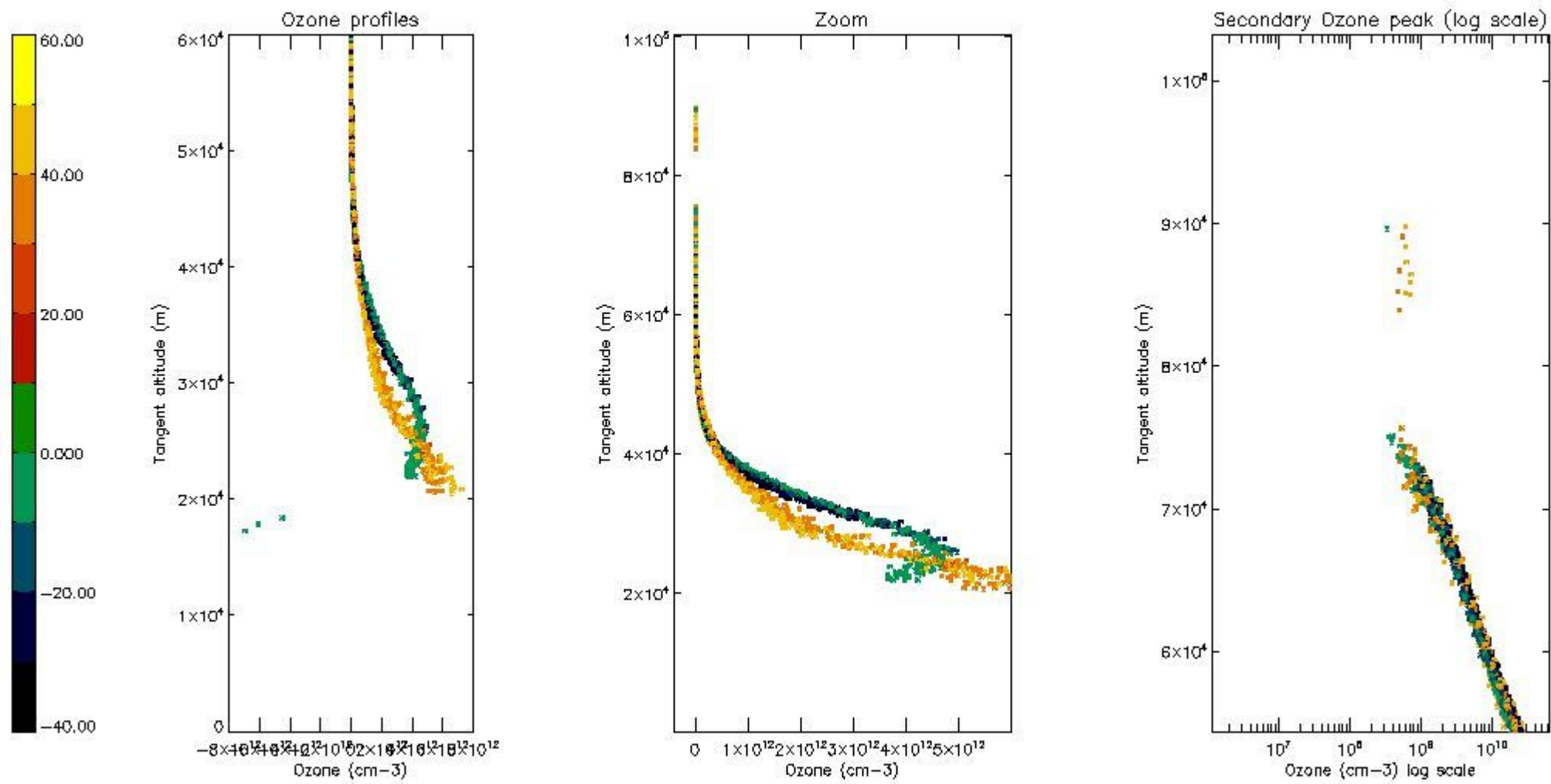
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



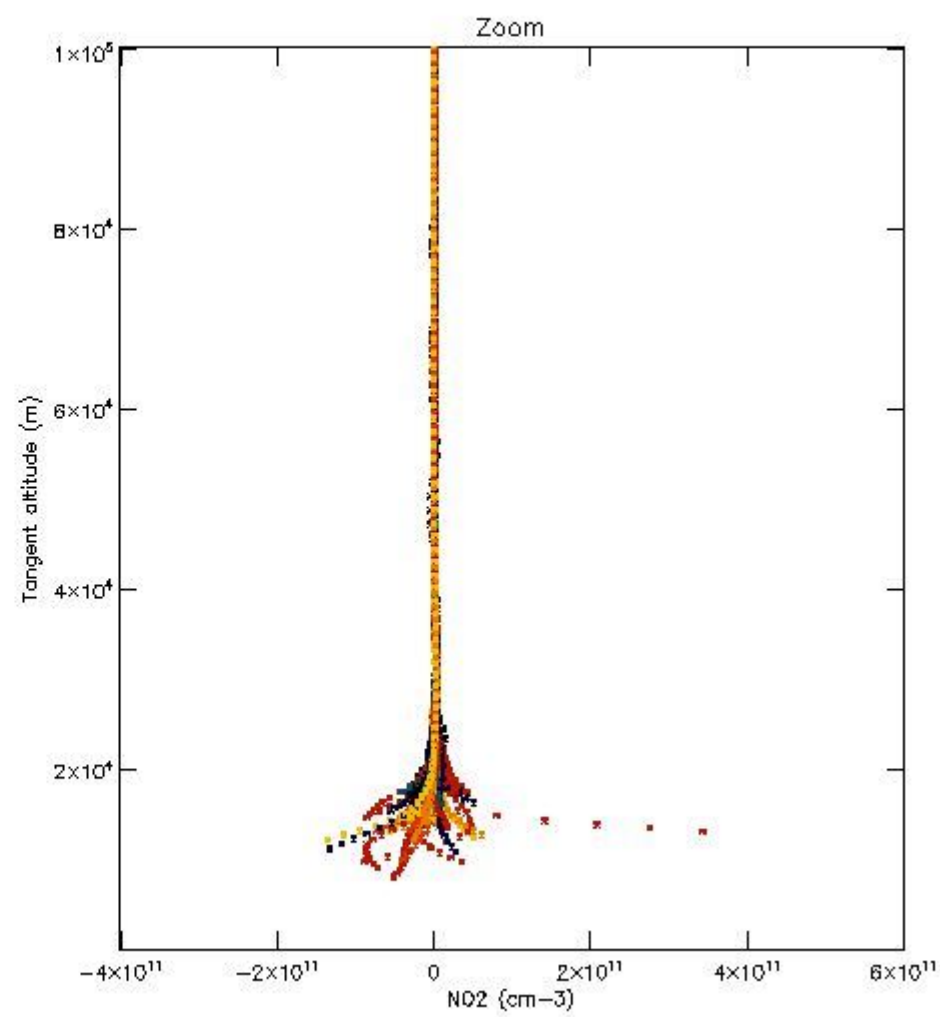
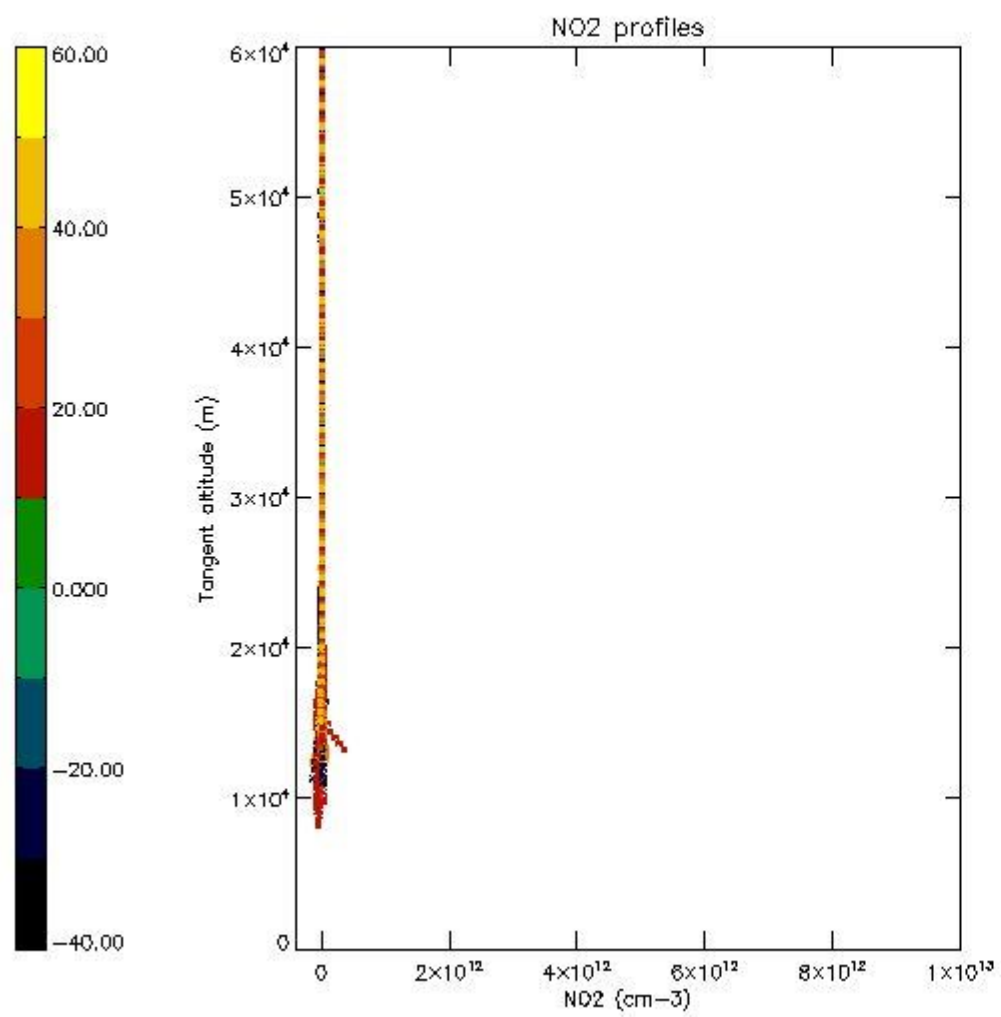
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



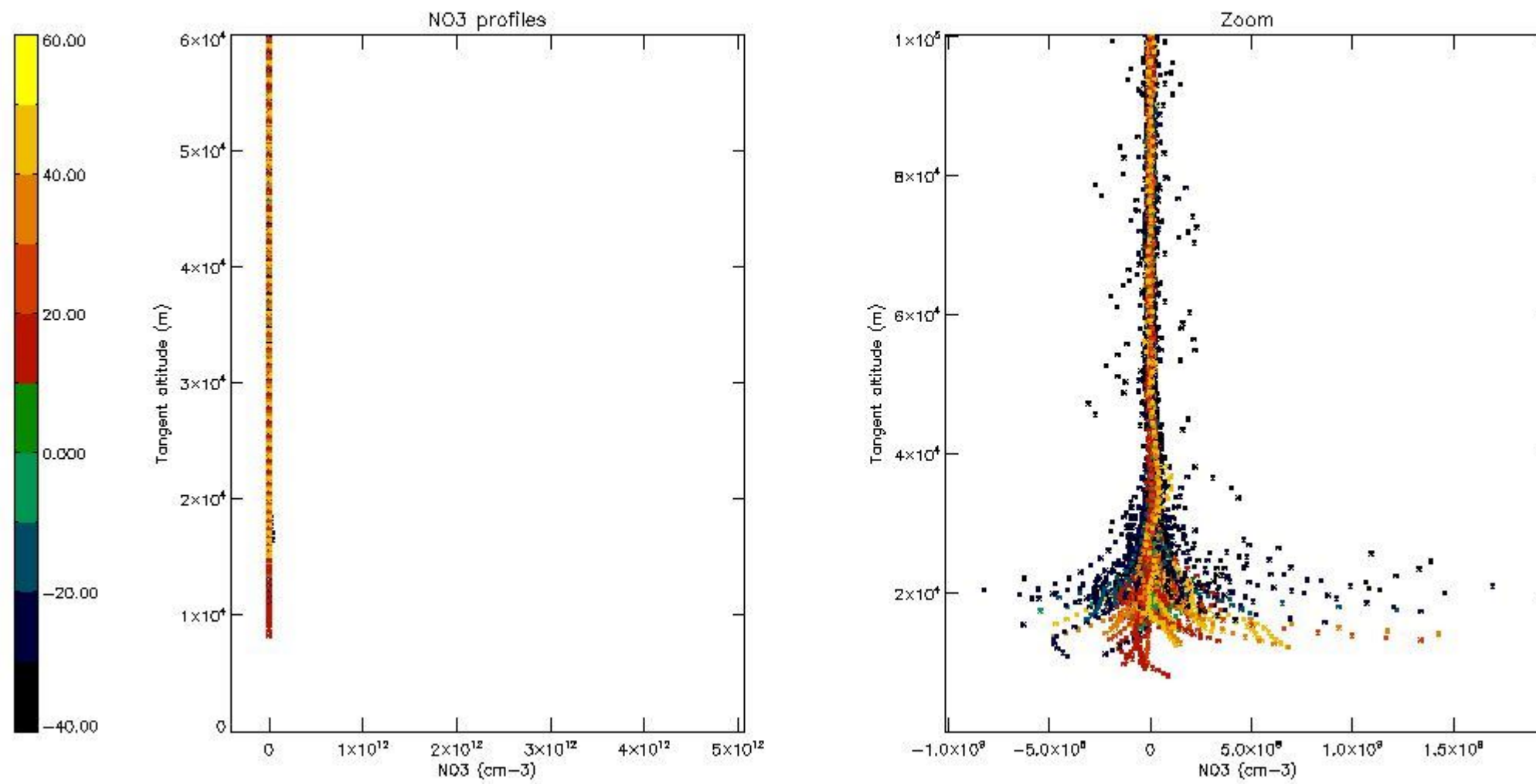
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

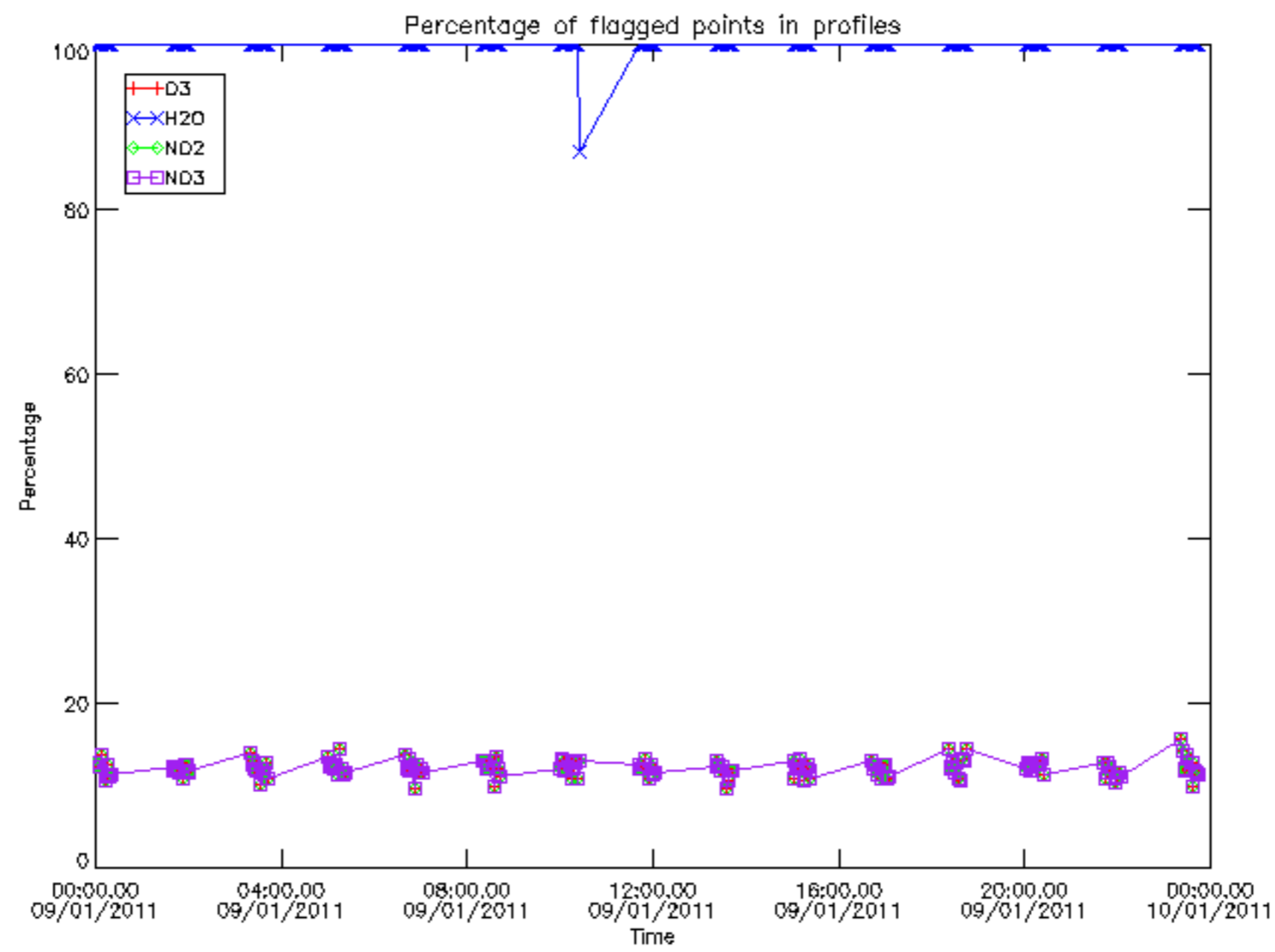


## 6. Auxiliary Data Files used for the production reported in section 2

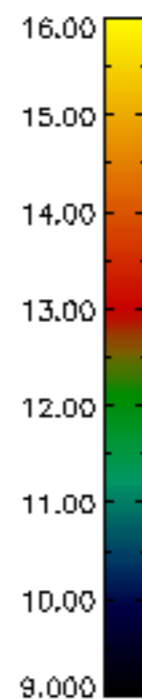
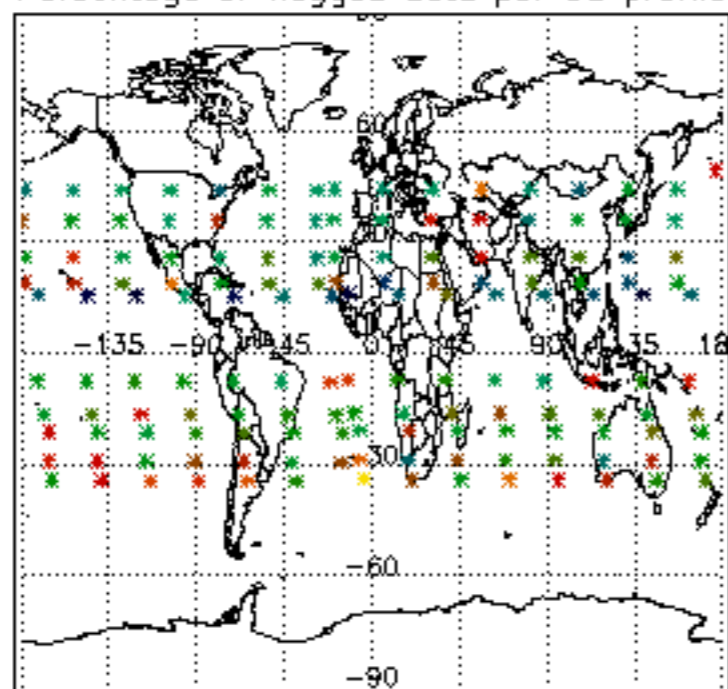
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	09-JAN-2011 00:00:53
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	09-JAN-2011 00:00:53
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	09-JAN-2011 00:00:53

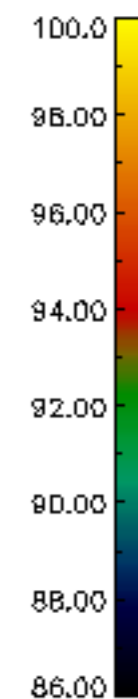
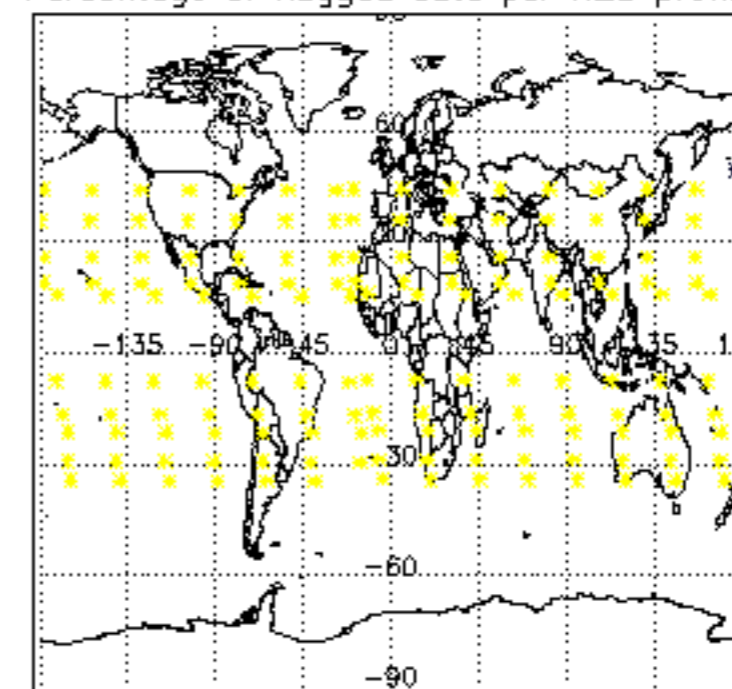




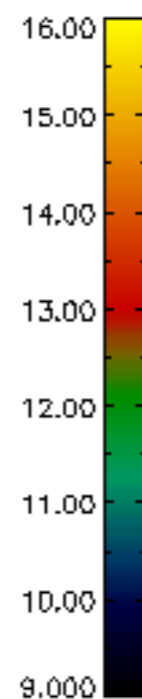
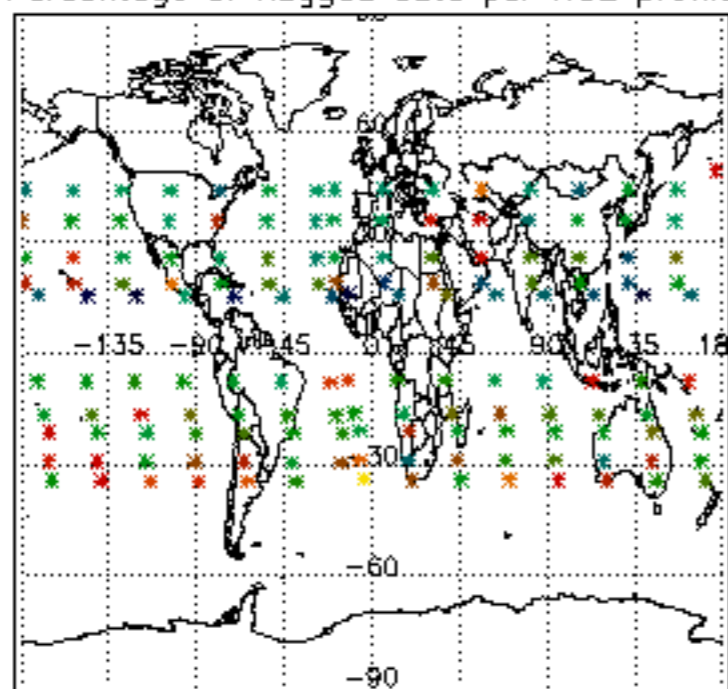
Percentage of flagged data per D3 profile



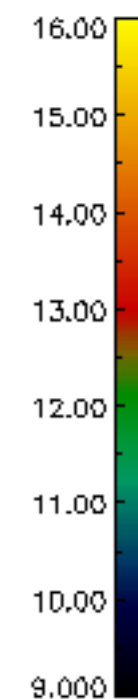
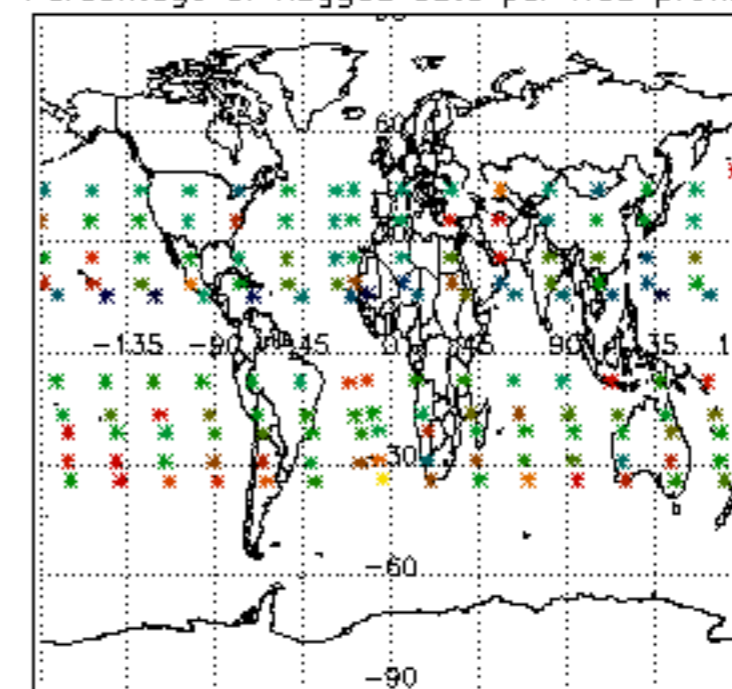
Percentage of flagged data per H2O profile

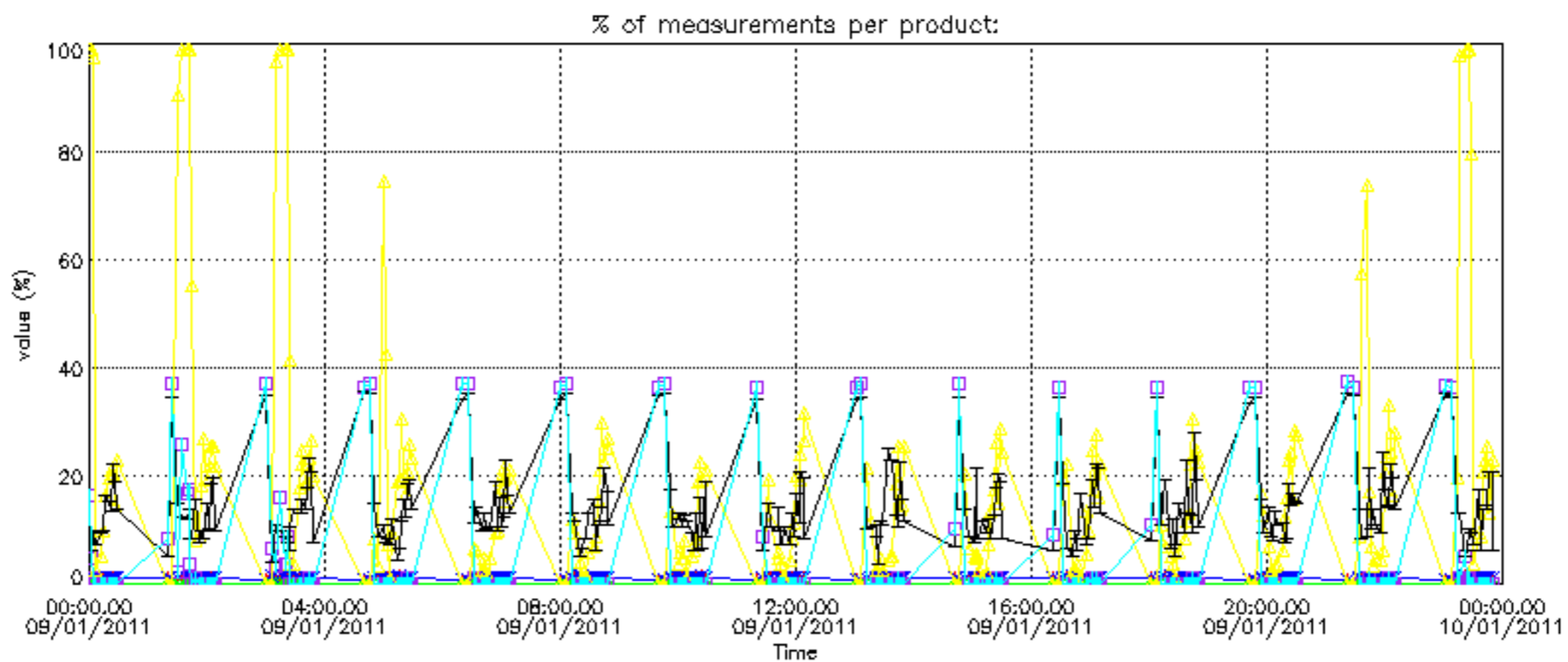


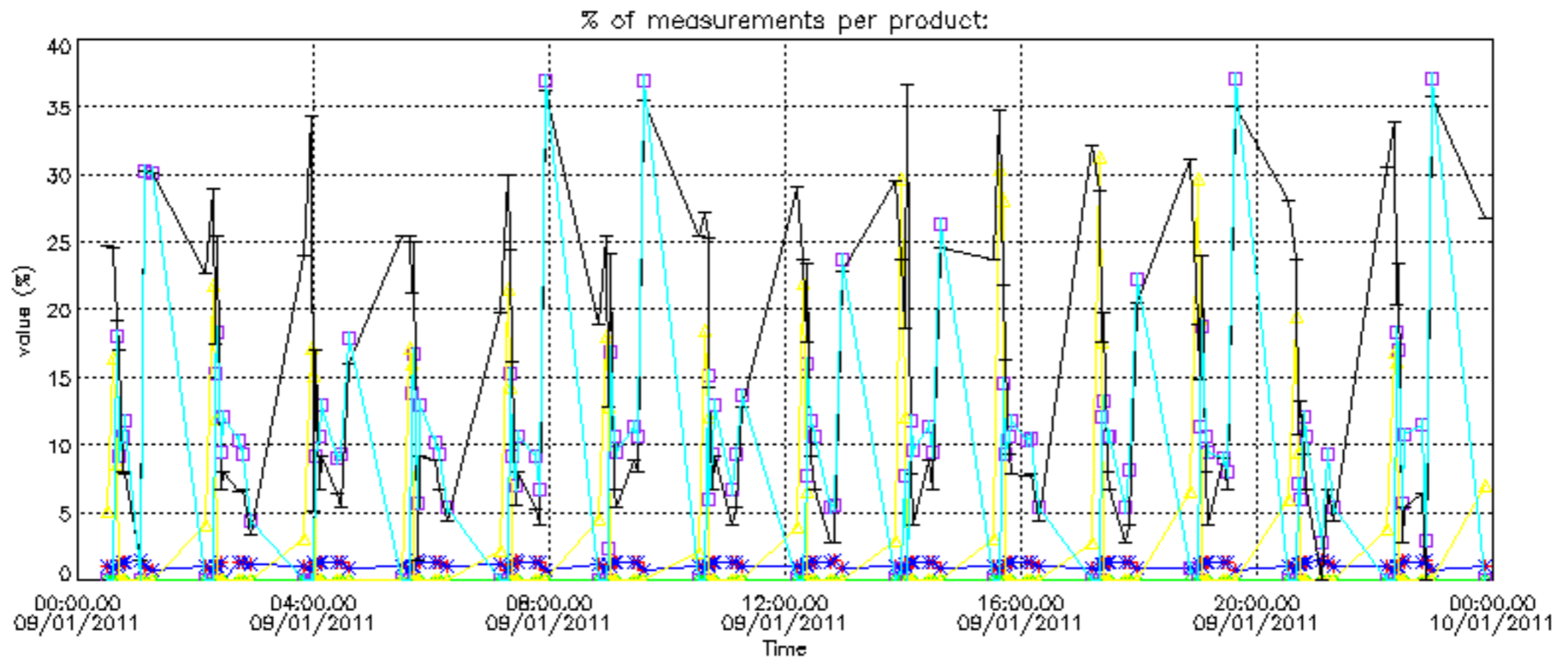
Percentage of flagged data per NO2 profile



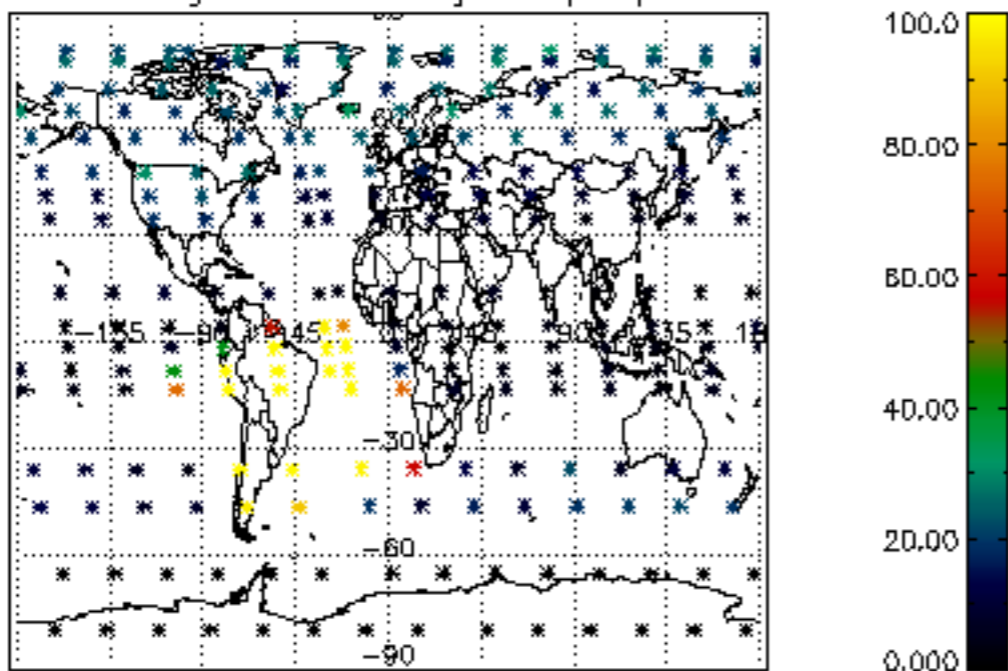
Percentage of flagged data per NO3 profile



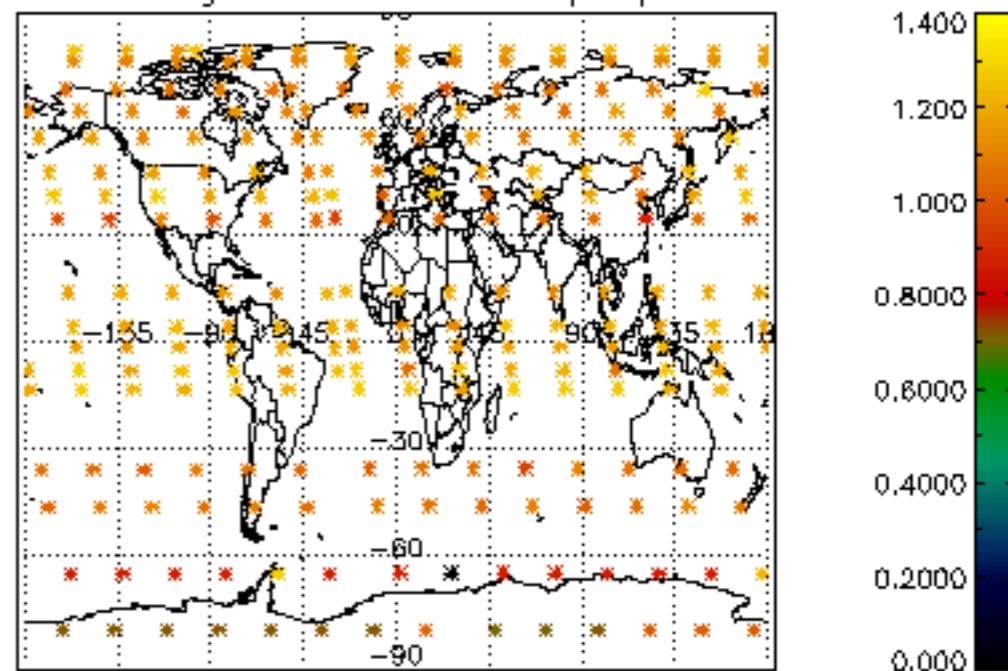




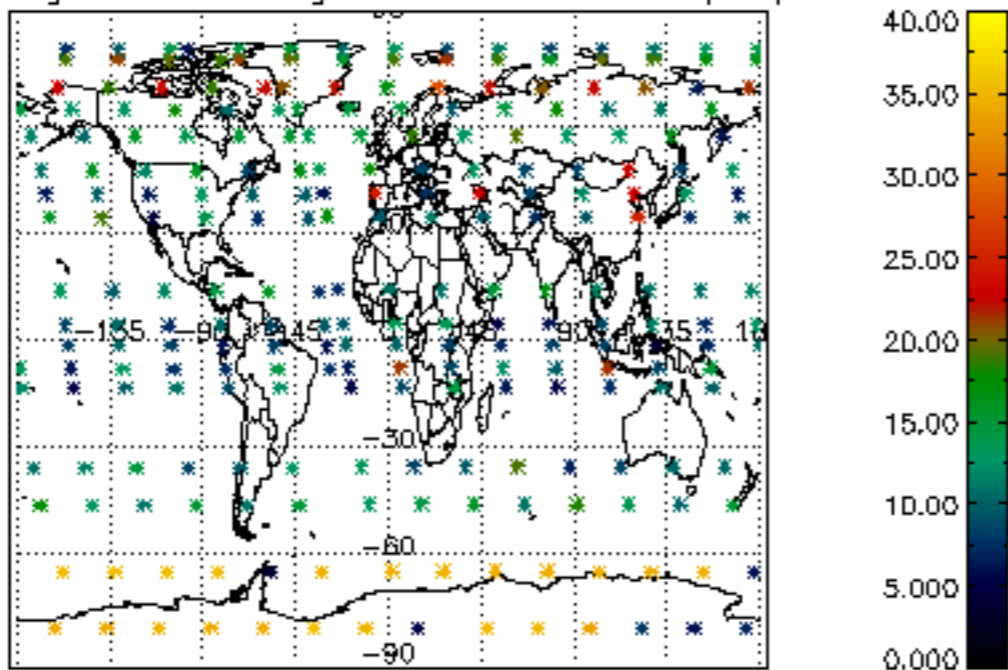
Percentage of cosmic ray hits per profile



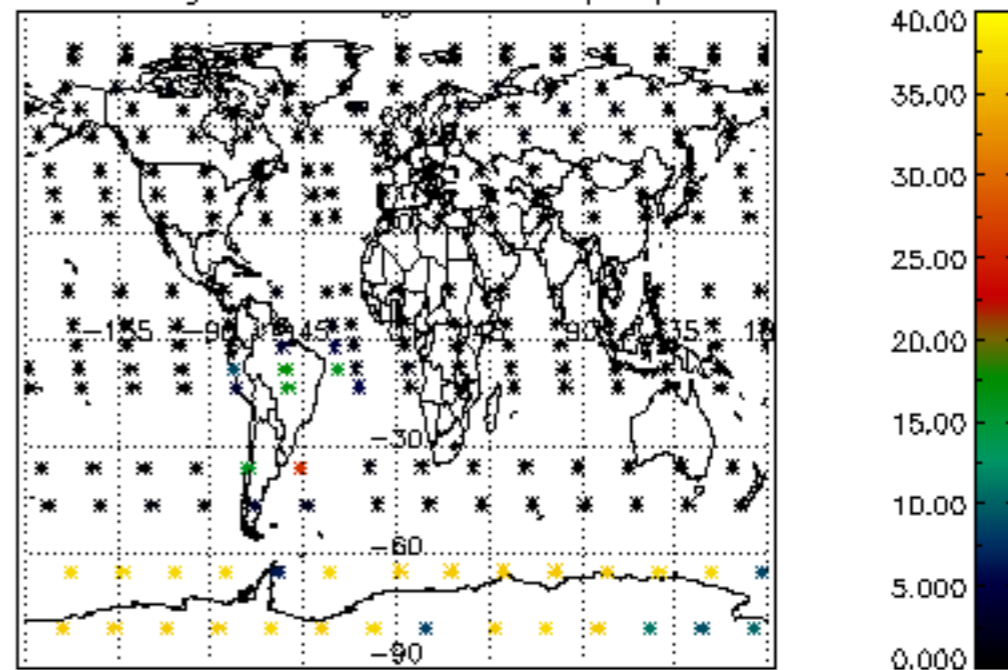
Percentage of datation errors per profile



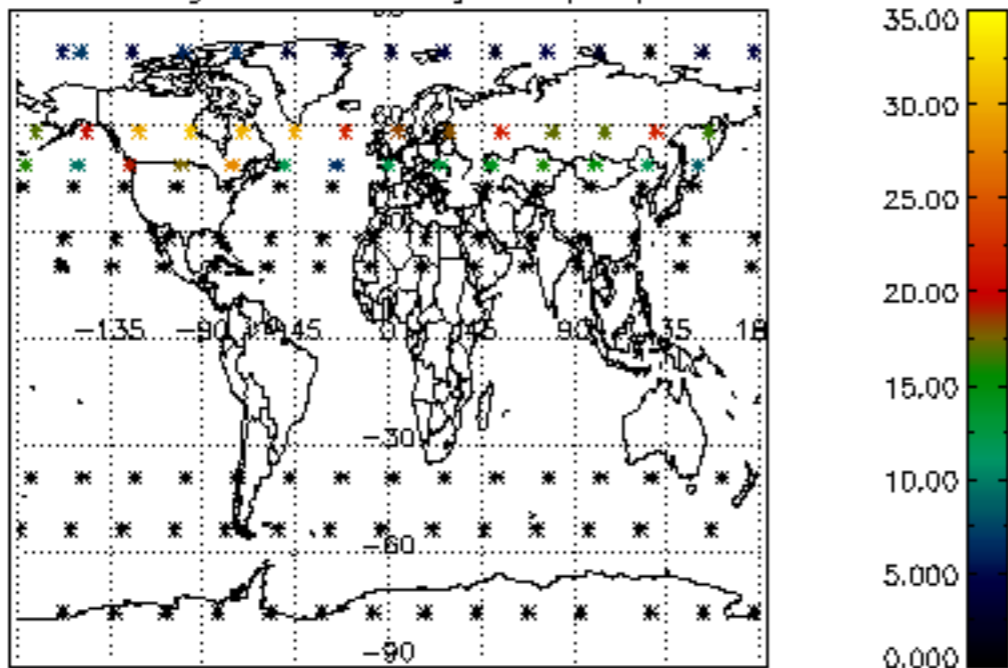
Percentage of star falling outside central band per profile



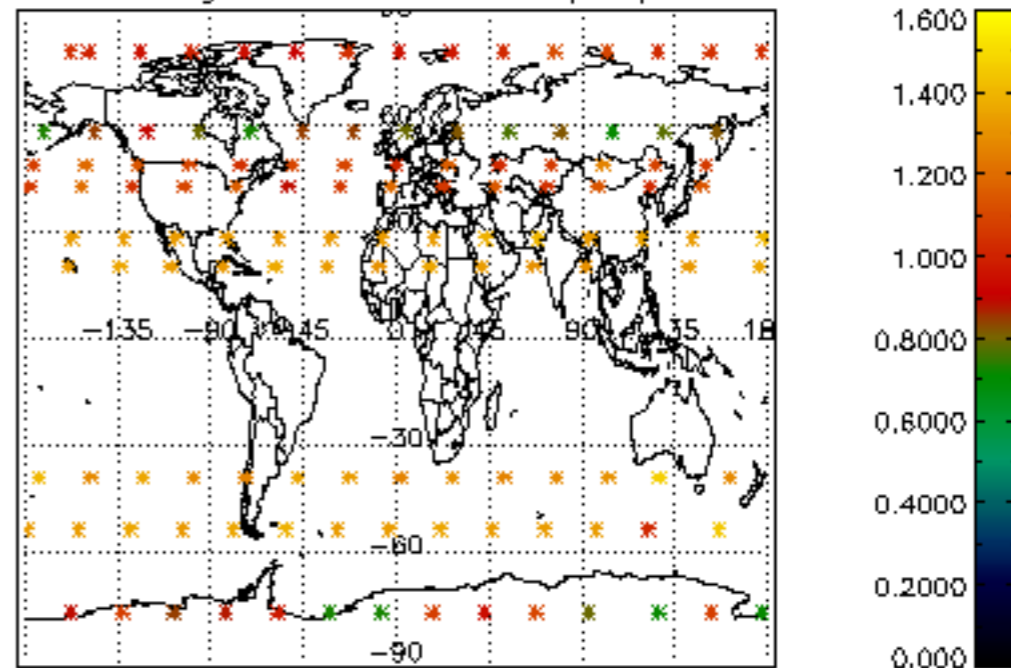
Percentage of saturation errors per profile



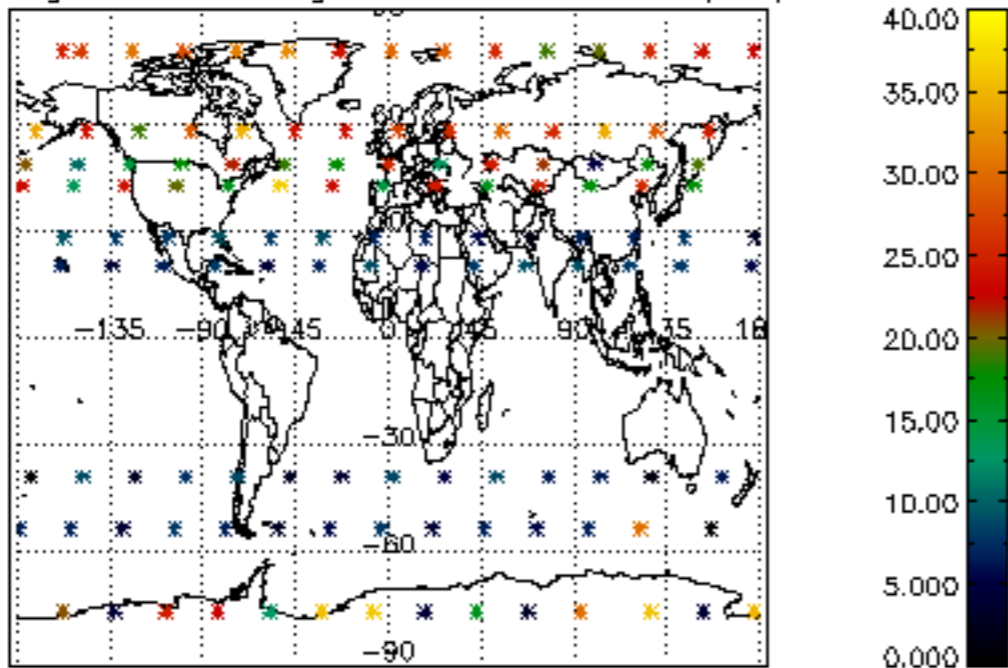
Percentage of cosmic ray hits per profile



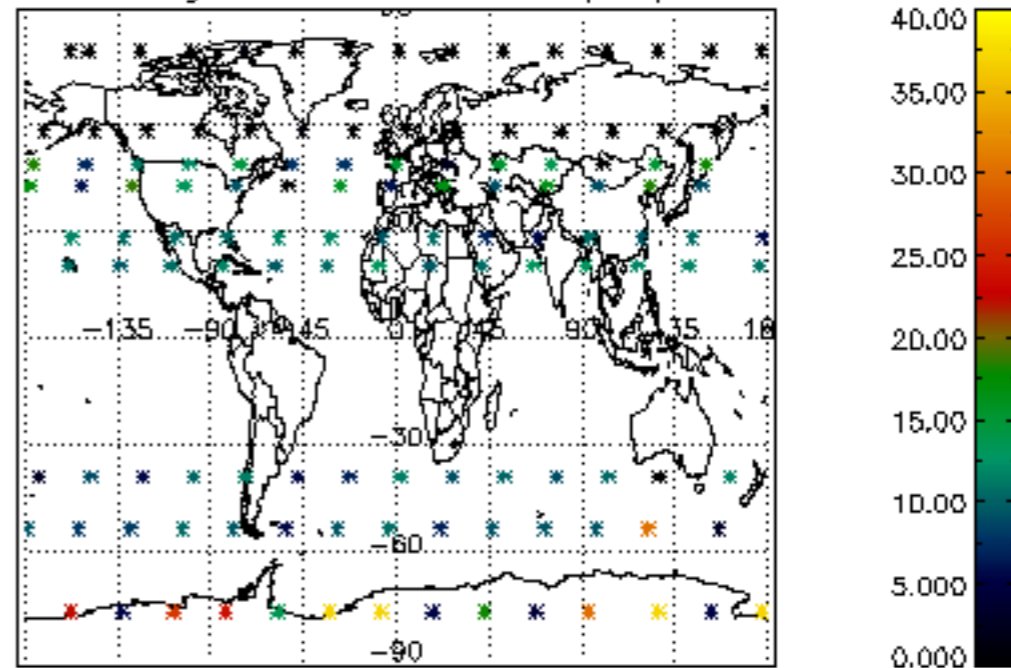
Percentage of datation errors per profile

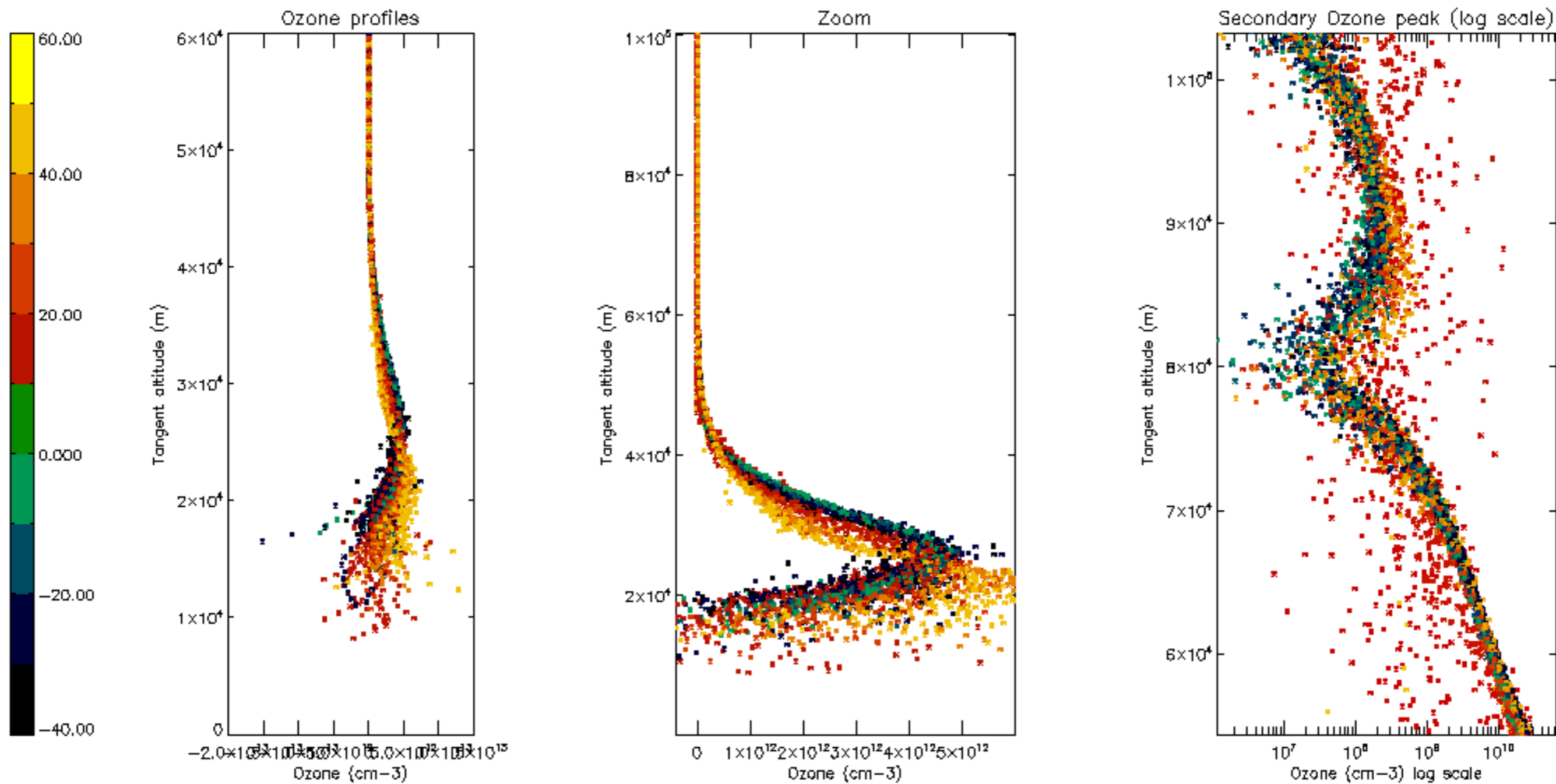


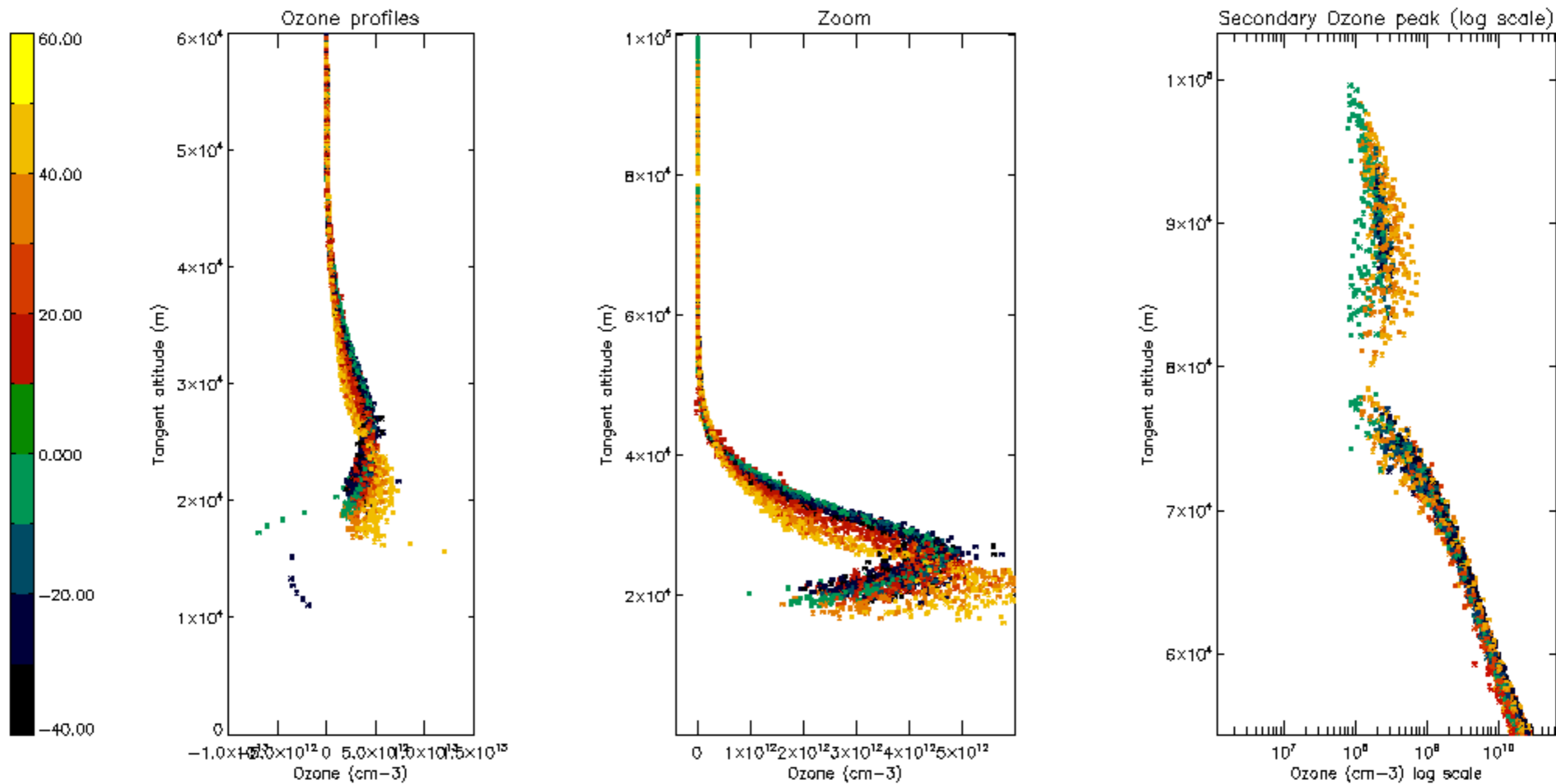
Percentage of star falling outside central band per profile



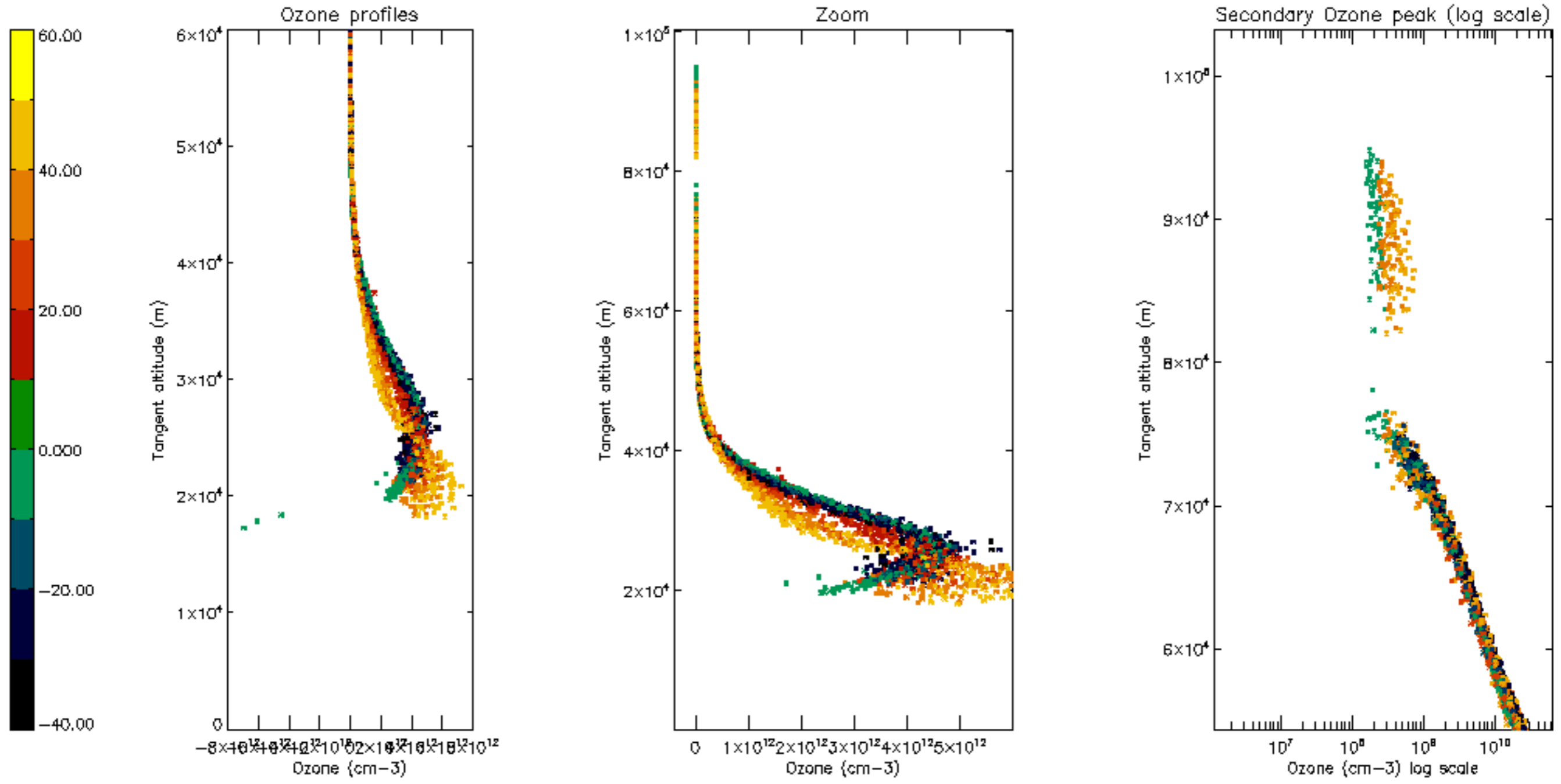
Percentage of saturation errors per profile

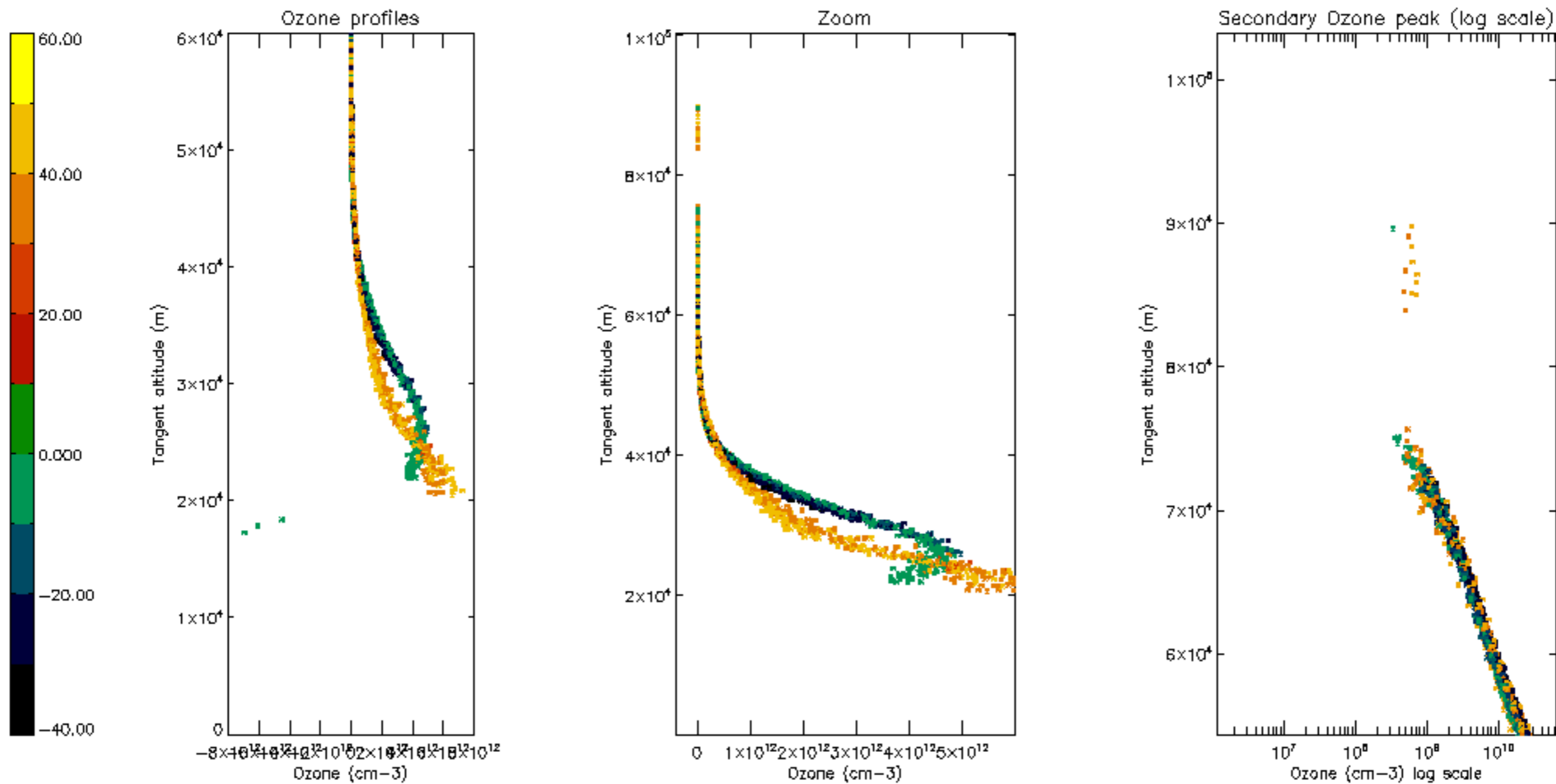


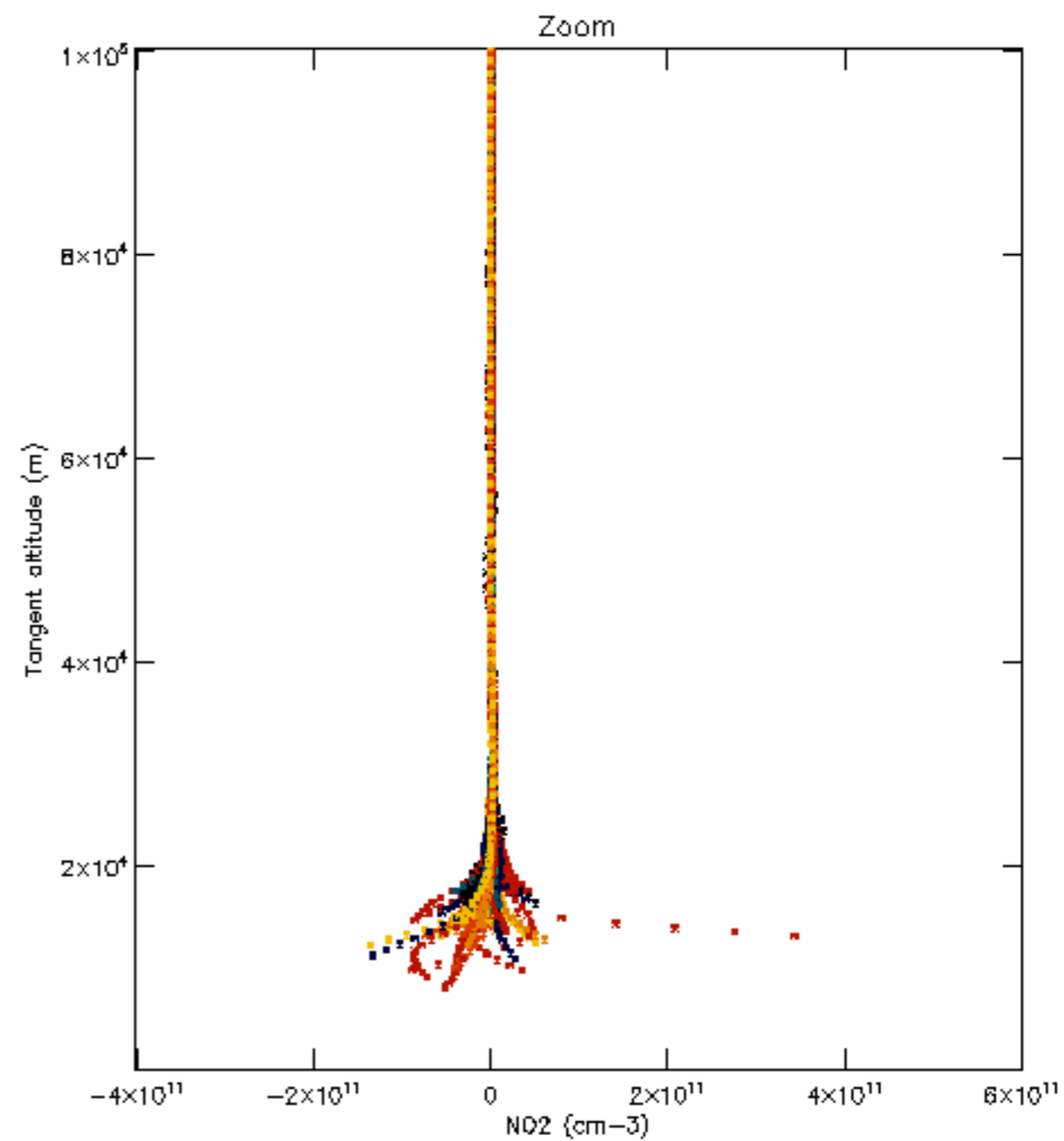
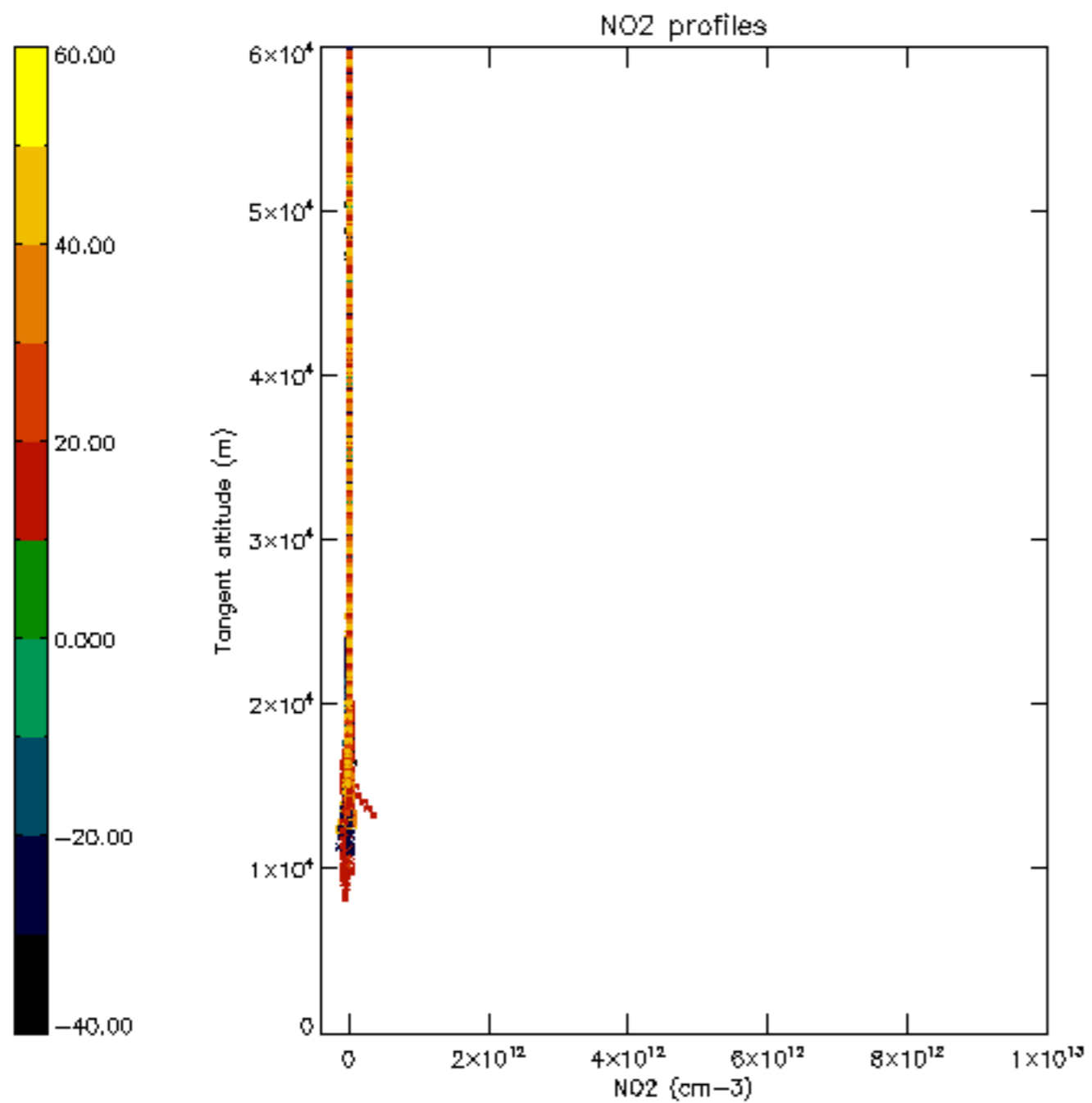


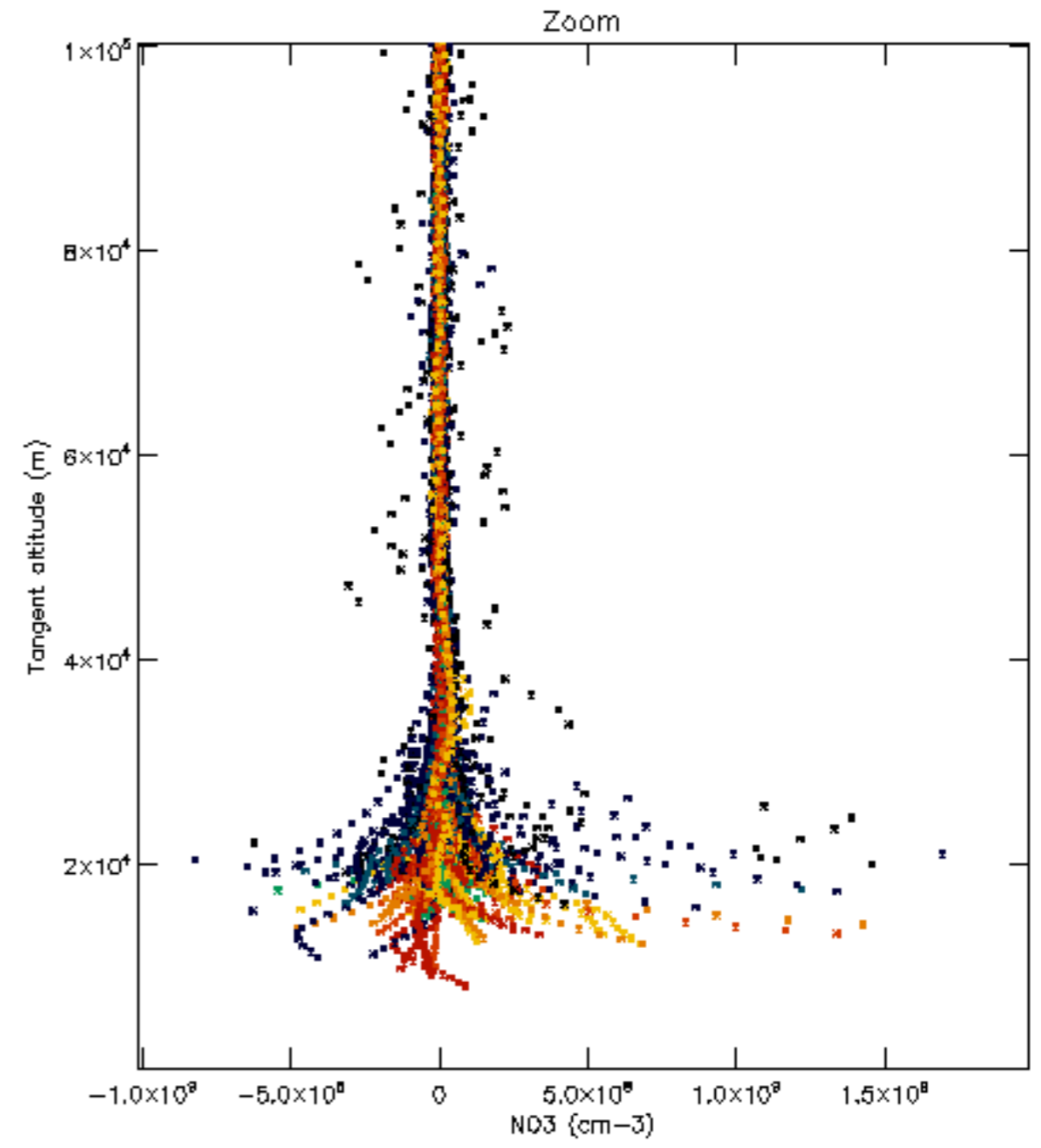
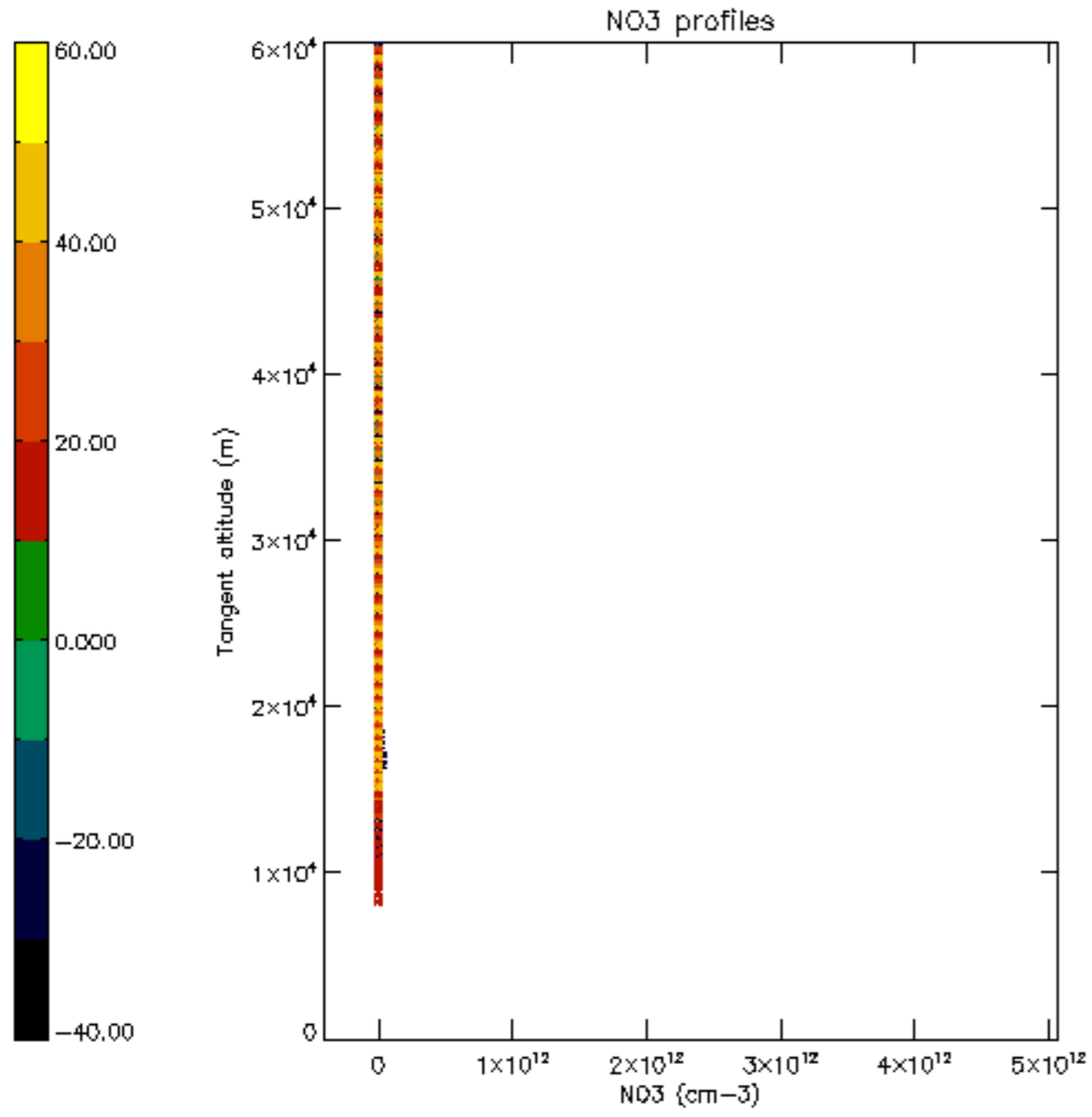


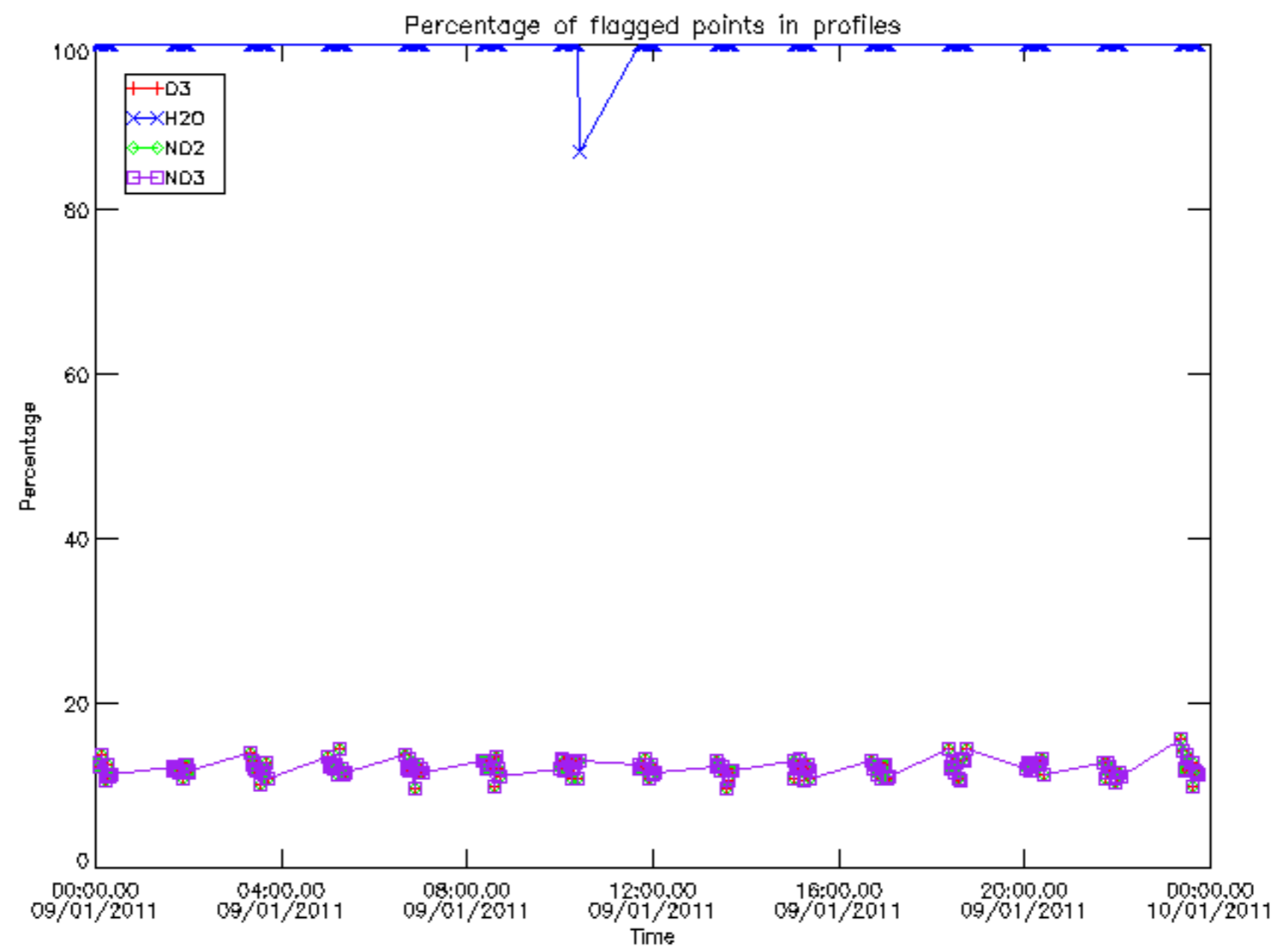




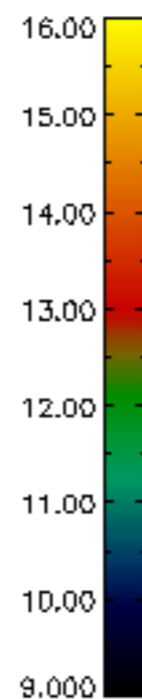
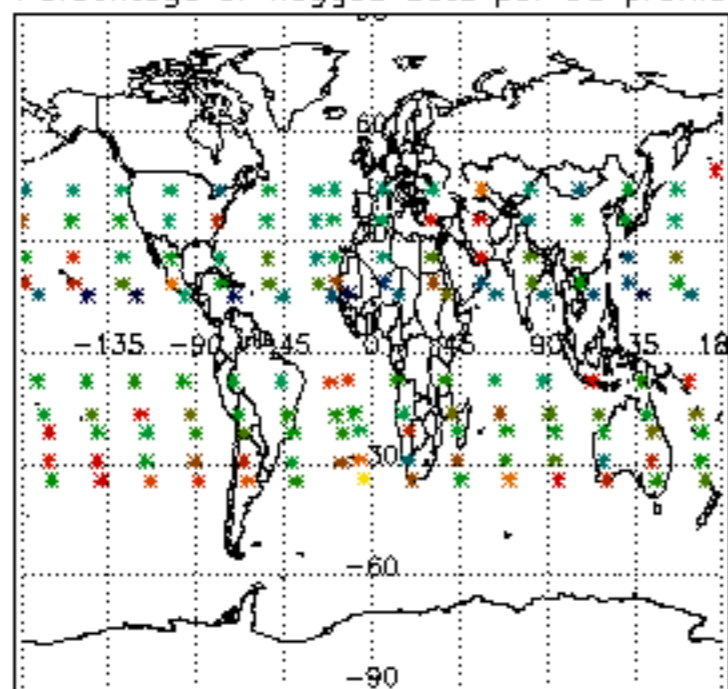




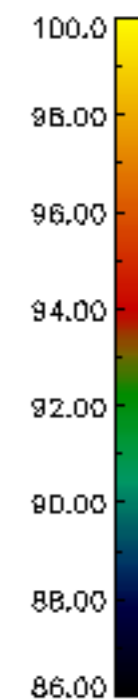
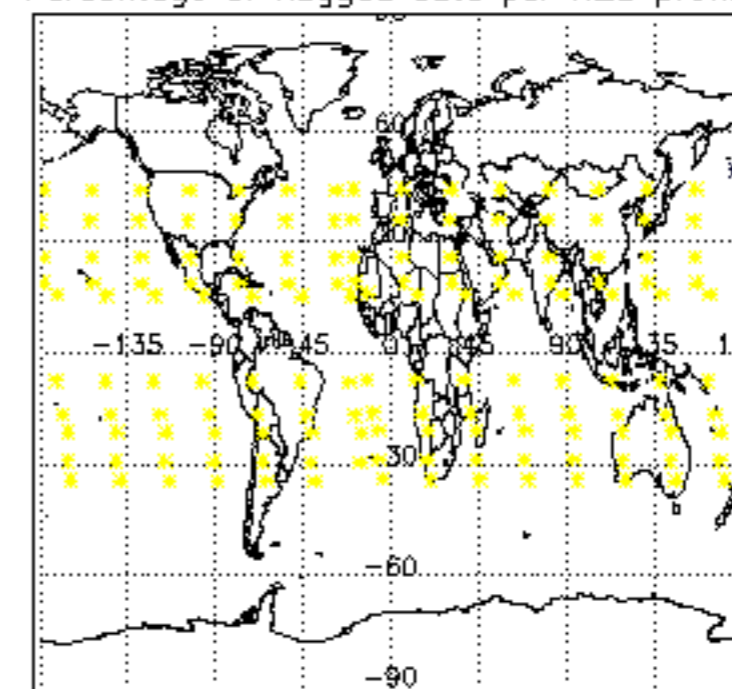




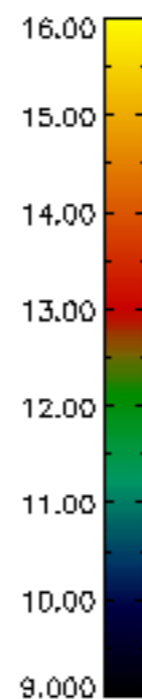
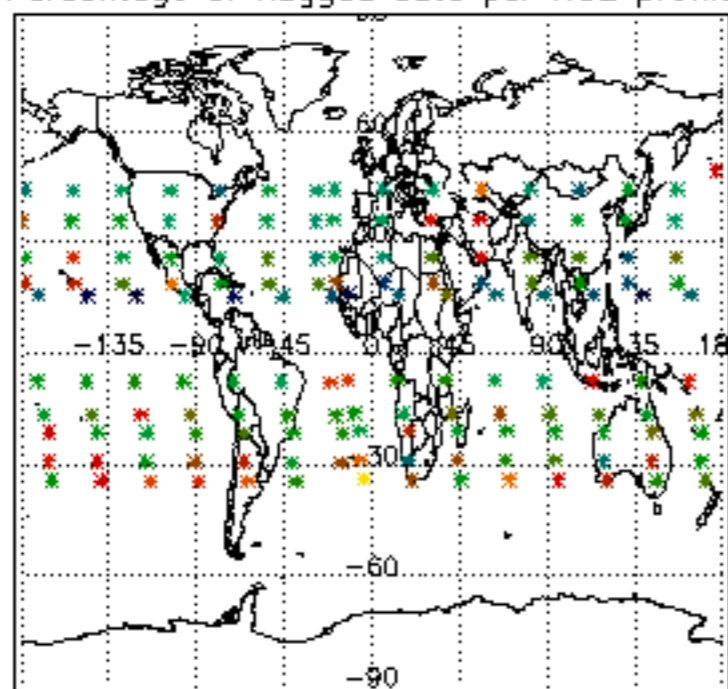
Percentage of flagged data per D3 profile



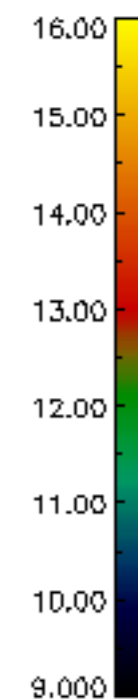
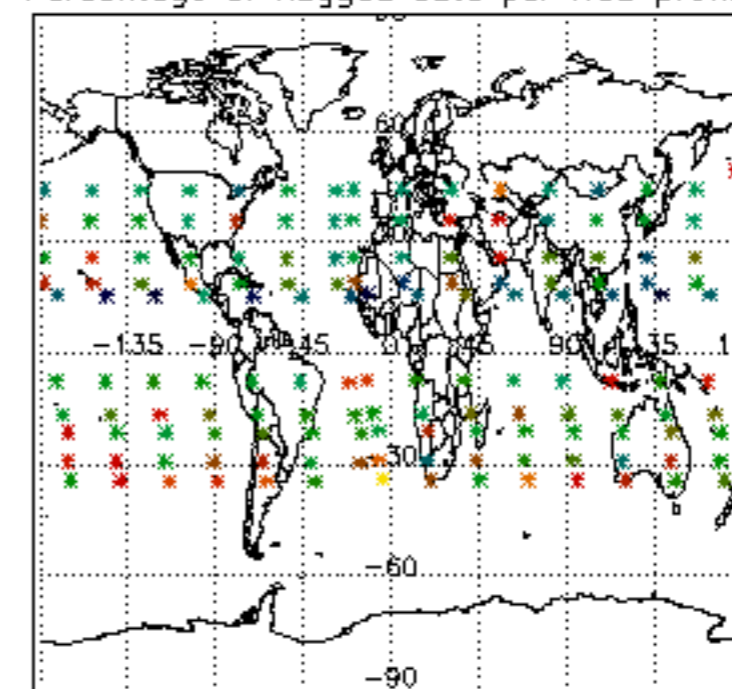
Percentage of flagged data per H2O profile

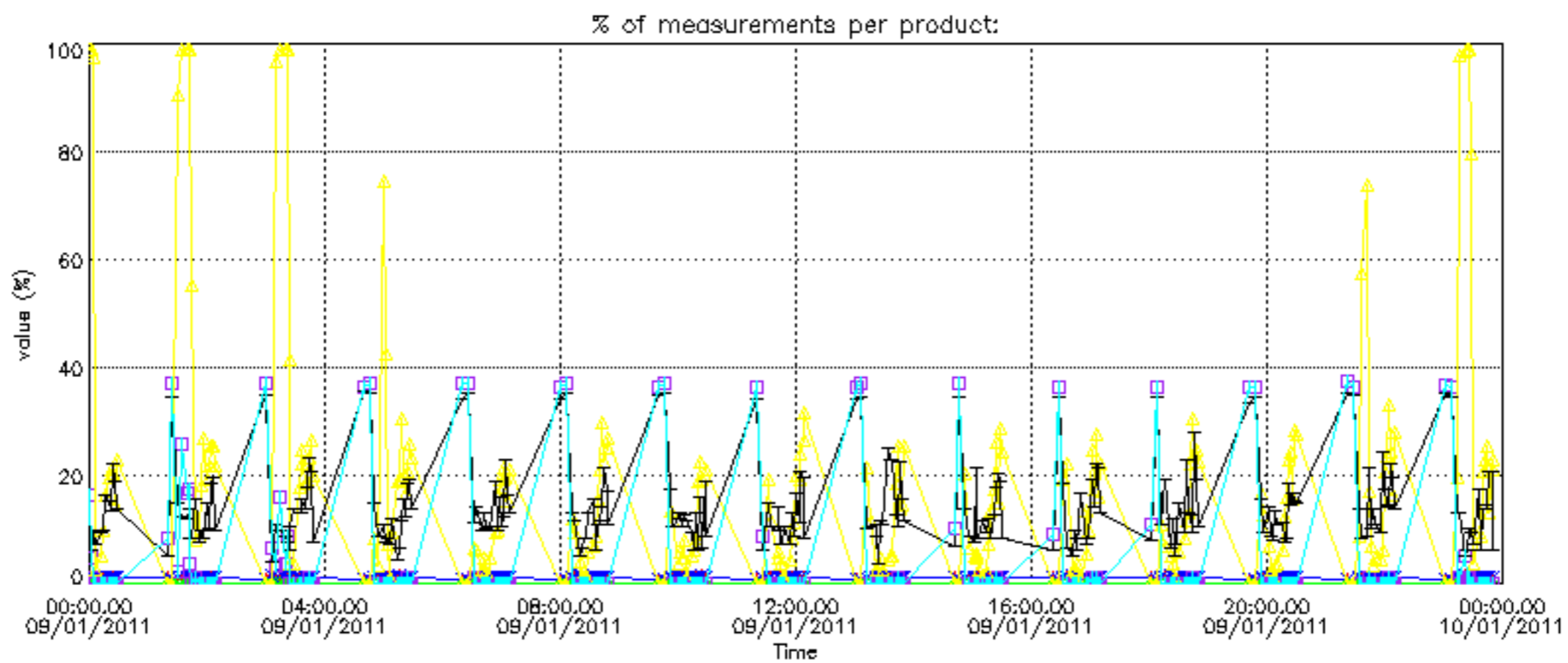


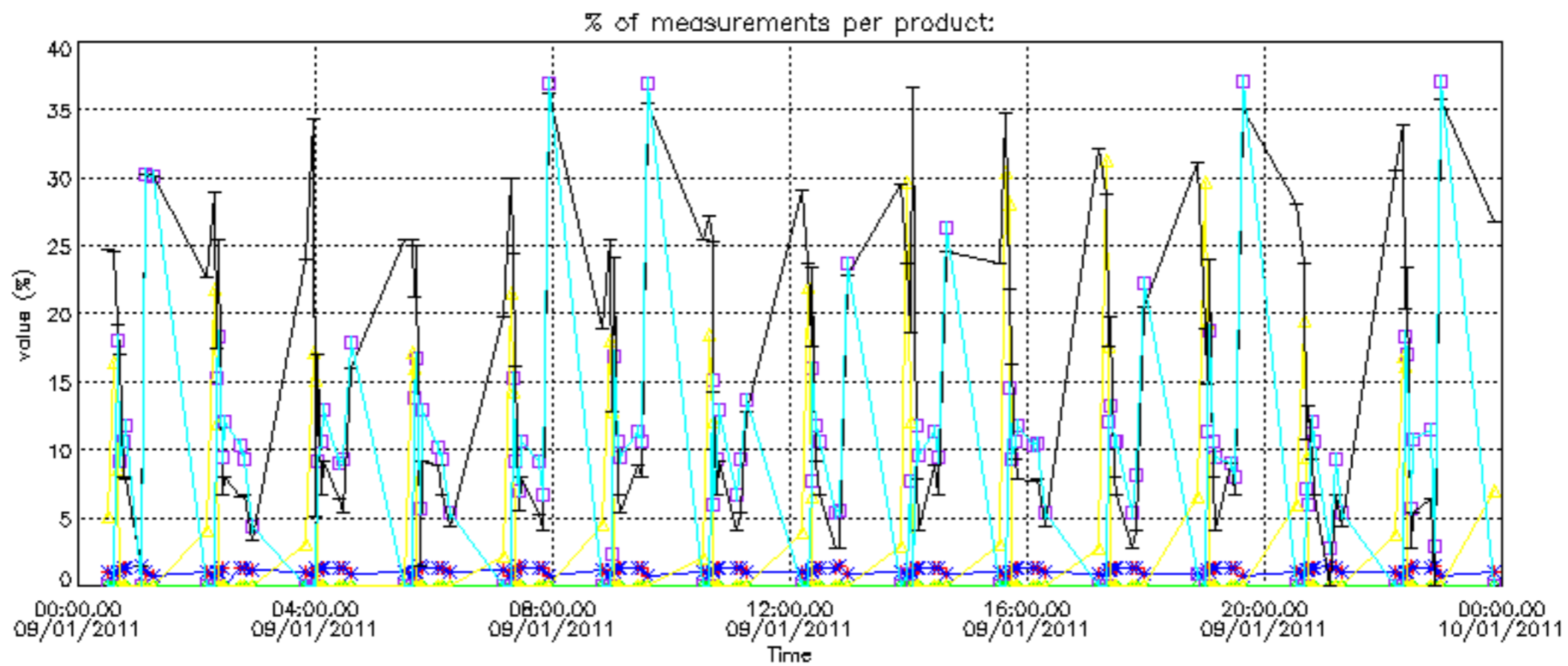
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

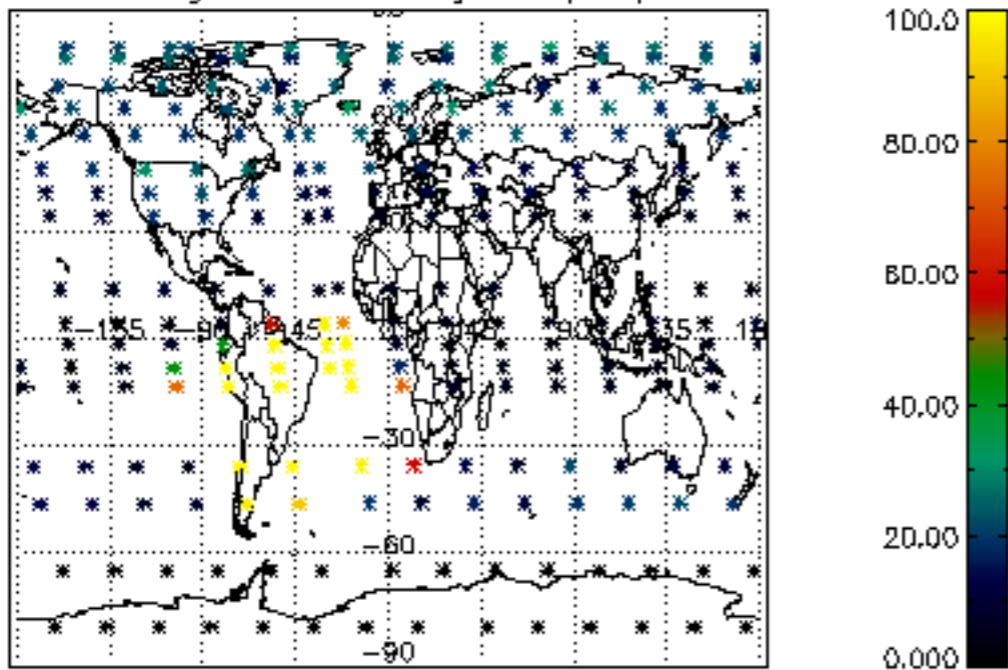




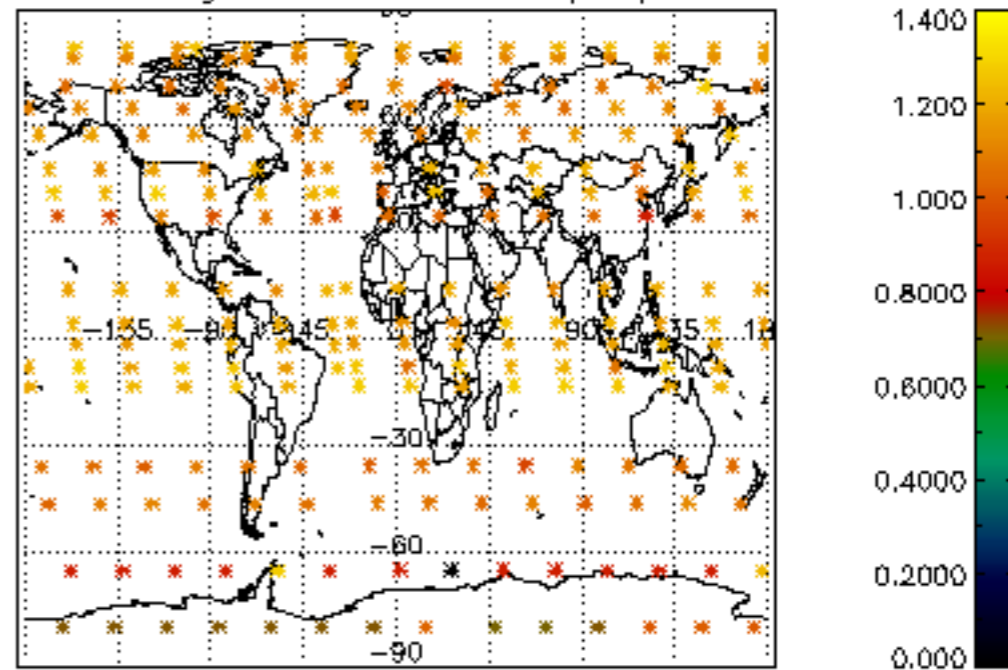




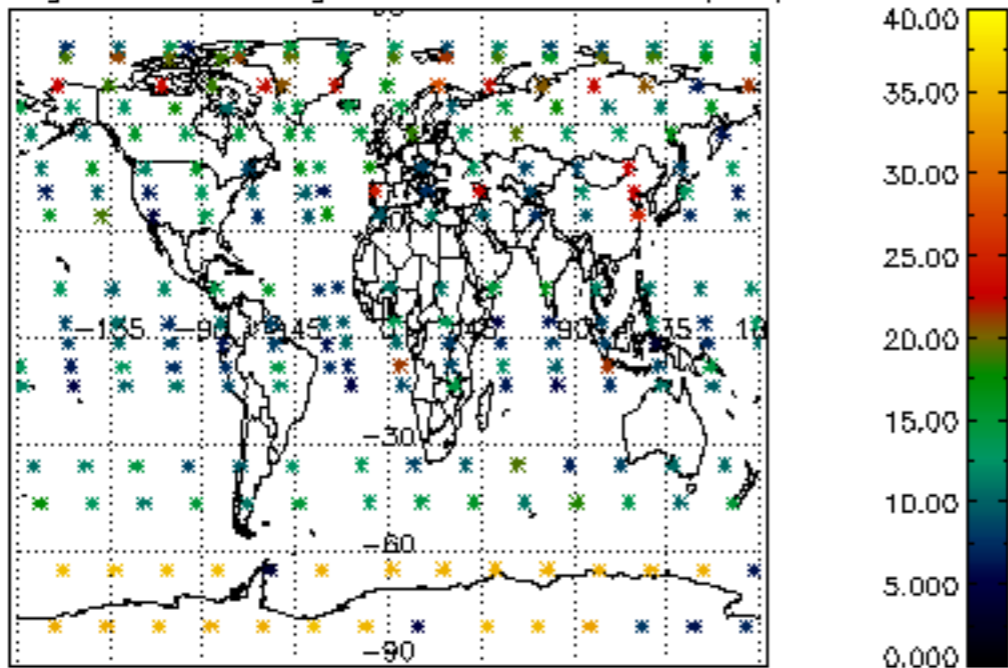
Percentage of cosmic ray hits per profile



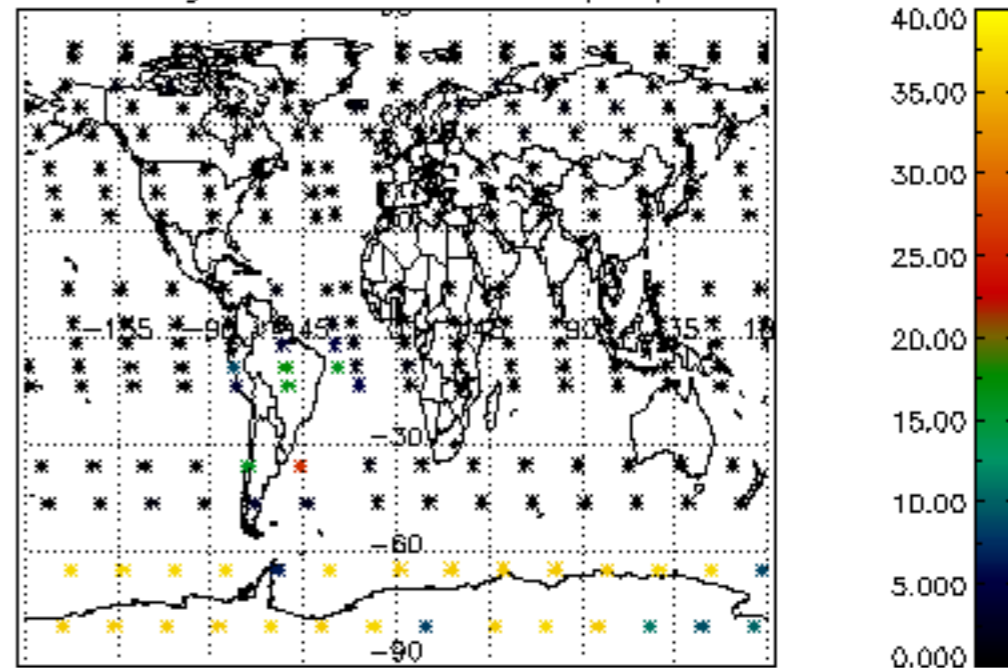
Percentage of datation errors per profile



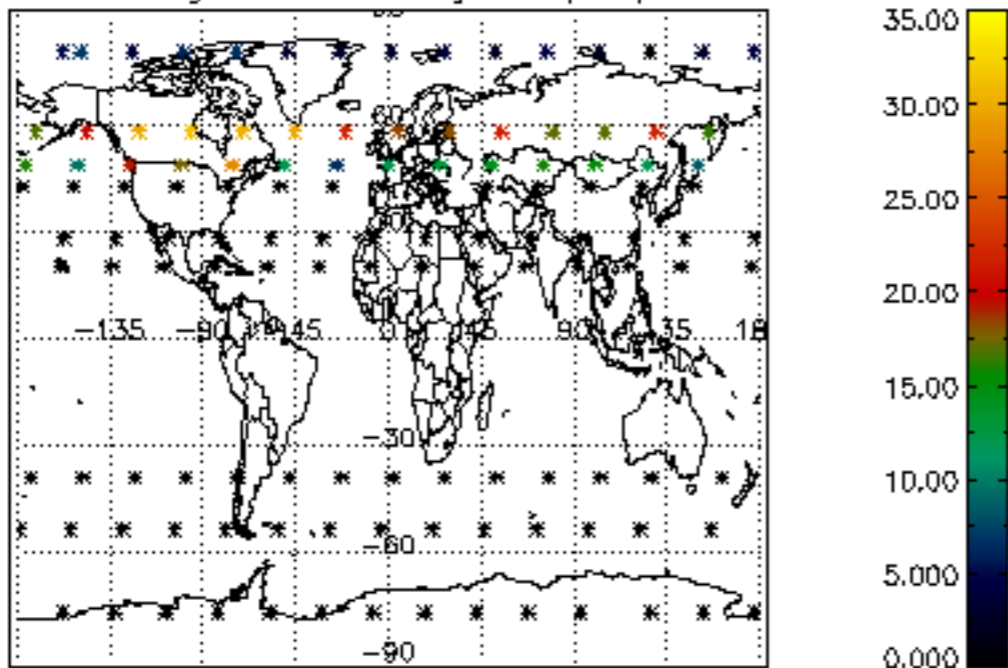
Percentage of star falling outside central band per profile



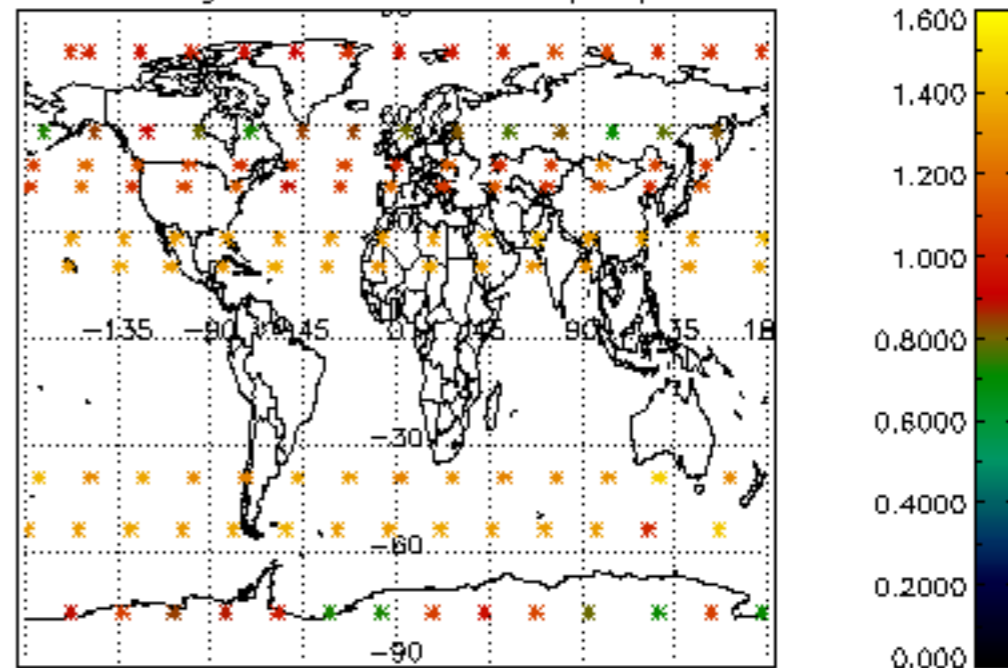
Percentage of saturation errors per profile



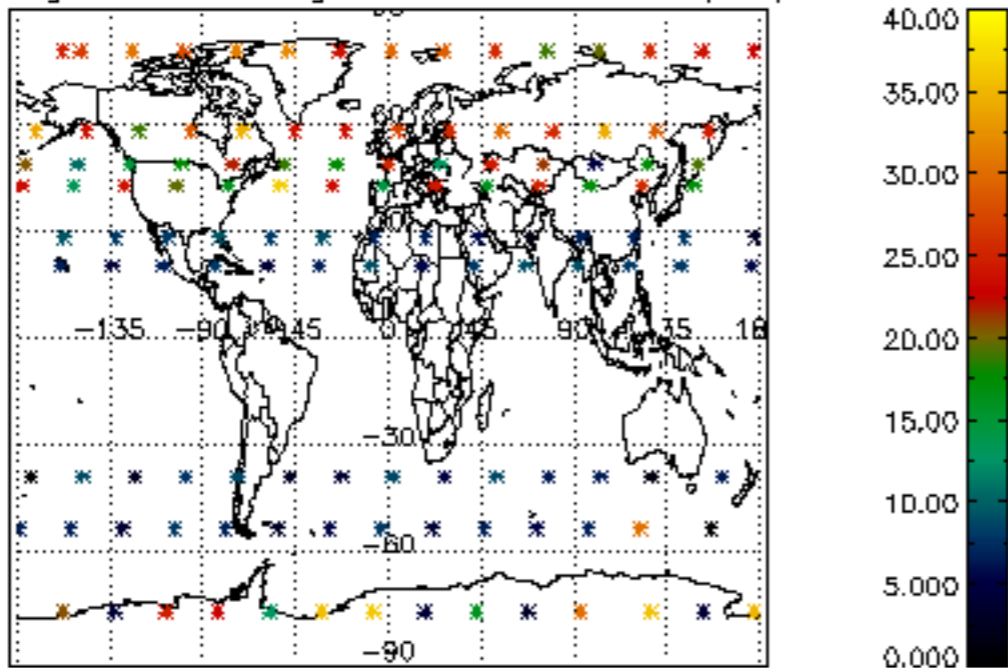
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

