

# 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	22APR2013 22:36:22
Data source version	GOMOS/6.01
Start time of products	01-08-2007 (01AUG2007 00:00:00)
Stop time of products	02-08-2007 (02AUG2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	271
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__2PRFIN20070801_001324_000000392060_00217_28327_4233.N1	01-AUG-2007 00:13:24	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28327	No
2	GOM_NL__2PRFIN20070801_001602_000000392060_00217_28327_4234.N1	01-AUG-2007 00:16:02	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	28327	No
3	GOM_NL__2PRFIN20070801_002053_000000402060_00217_28327_4235.N1	01-AUG-2007 00:20:53	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28327	No
4	GOM_NL__2PRFIN20070801_002407_000000382060_00217_28327_4236.N1	01-AUG-2007 00:24:07	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	28327	No
5	GOM_NL__2PRFIN20070801_003230_000000412060_00217_28327_4237.N1	01-AUG-2007 00:32:30	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	28327	No
6	GOM_NL__2PRFIN20070801_003453_000000382060_00217_28327_4238.N1	01-AUG-2007 00:34:53	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28327	No
7	GOM_NL__2PRFIN20070801_004442_000000352060_00217_28327_4239.N1	01-AUG-2007 00:44:42	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	28327	No
8	GOM_NL__2PRFIN20070801_005147_000000352060_00217_28327_4240.N1	01-AUG-2007 00:51:47	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	28327	No
9	GOM_NL__2PRFIN20070801_005534_000000372060_00217_28327_4241.N1	01-AUG-2007 00:55:34	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	28327	No
10	GOM_NL__2PRFIN20070801_005932_000000342060_00217_28327_4242.N1	01-AUG-2007 00:59:32	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	28327	No
11	GOM_NL__2PRFIN20070801_010342_000000332060_00217_28327_4243.N1	01-AUG-2007 01:03:42	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	28327	No
12	GOM_NL__2PRFIN20070801_010619_000000342060_00217_28327_4244.N1	01-AUG-2007 01:06:19	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	28327	No
13	GOM_NL__2PRFIN20070801_011910_000000532060_00217_28327_4245.N1	01-AUG-2007 01:19:10	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	28327	No
14	GOM_NL__2PRFIN20070801_012124_000000532060_00217_28327_4246.N1	01-AUG-2007 01:21:24	Bright	53.000	107	37The Aur	2.6490	11000.	106	28327	No
15	GOM_NL__2PRFIN20070801_012616_000000402060_00217_28327_4247.N1	01-AUG-2007 01:26:16	Twilight	39.500	176	23Zet Tau	3.0200	22000.	79	28327	No
16	GOM_NL__2PRFIN20070801_012955_000000492060_00217_28327_4248.N1	01-AUG-2007 01:29:55	Dark	49.000	14	58Alp Ori	0.87000	3000.0	98	28327	No
17	GOM_NL__2PRFIN20070801_013240_000000402060_00217_28327_4249.N1	01-AUG-2007 01:32:40	Dark	39.500	30	46Eps Ori	1.6940	30000.	79	28327	No
18	GOM_NL__2PRFIN20070801_013508_000000472060_00217_28327_4250.N1	01-AUG-2007 01:35:08	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	28327	No
19	GOM_NL__2PRFIN20070801_013632_000000402060_00217_28327_4251.N1	01-AUG-2007 01:36:32	Dark	39.500	47	2Bet CMa	1.9760	28000.	79	28327	No
20	GOM_NL__2PRFIN20070801_013813_000000422060_00217_28327_4252.N1	01-AUG-2007 01:38:13	Dark	42.000	139	9Bet Lep	2.8330	5600.0	84	28327	No
21	GOM_NL__2PRFIN20070801_015401_000000392060_00218_28328_4244.N1	01-AUG-2007 01:54:01	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28328	No
22	GOM_NL__2PRFIN20070801_015638_000000372060_00218_28328_4245.N1	01-AUG-2007 01:56:38	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28328	No
23	GOM_NL__2PRFIN20070801_020129_000000432060_00218_28328_4246.N1	01-AUG-2007 02:01:29	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	28328	No
24	GOM_NL__2PRFIN20070801_020443_000000412060_00218_28328_4247.N1	01-AUG-2007 02:04:43	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	28328	No
25	GOM_NL__2PRFIN20070801_021306_000000522060_00218_28328_4248.N1	01-AUG-2007 02:13:06	Bright	52.000	103	38Zet Sgr	2.6000	9700.0	104	28328	No
26	GOM_NL__2PRFIN20070801_021529_000000382060_00218_28328_4249.N1	01-AUG-2007 02:15:29	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28328	No
27	GOM_NL__2PRFIN20070801_022518_000000352060_00218_28328_4250.N1	01-AUG-2007 02:25:18	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	28328	No
28	GOM_NL__2PRFIN20070801_023223_000000372060_00218_28328_4251.N1	01-AUG-2007 02:32:23	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	28328	No
29	GOM_NL__2PRFIN20070801_023610_000000362060_00218_28328_4252.N1	01-AUG-2007 02:36:10	Bright	35.500	69	33Gam Dra	2.2310	3800.0	71	28328	No
30	GOM_NL__2PRFIN20070801_024009_000000372060_00218_28328_4253.N1	01-AUG-2007 02:40:09	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28328	No
31	GOM_NL__2PRFIN20070801_024418_000000332060_00218_28328_4254.N1	01-AUG-2007 02:44:18	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	28328	No
32	GOM_NL__2PRFIN20070801_024655_000000342060_00218_28328_4255.N1	01-AUG-2007 02:46:55	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	28328	No
33	GOM_NL__2PRFIN20070801_025946_000000342060_00218_28328_4256.N1	01-AUG-2007 02:59:46	Bright	33.500	42	34Bet Aur	1.9000	10200.	67	28328	No
34	GOM_NL__2PRFIN20070801_030200_000000362060_00218_28328_4257.N1	01-AUG-2007 03:02:00	Bright	35.500	107	37The Aur	2.6490	11000.	71	28328	No
35	GOM_NL__2PRFIN20070801_030652_000000412060_00218_28328_4258.N1	01-AUG-2007 03:06:52	Twilight	40.500	176	23Zet Tau	3.0200	22000.	81	28328	No
36	GOM_NL__2PRFIN20070801_031031_000000502060_00218_28328_4259.N1	01-AUG-2007 03:10:31	Dark	50.000	14	58Alp Ori	0.87000	3000.0	100	28328	No
37	GOM_NL__2PRFIN20070801_031316_000000392060_00218_28328_4260.N1	01-AUG-2007 03:13:16	Dark	39.000	30	46Eps Ori	1.6940	30000.	78	28328	No
38	GOM_NL__2PRFIN20070801_031544_000000442060_00218_28328_4261.N1	01-AUG-2007 03:15:44	Dark	43.500	7	19Bet Ori	0.10000	14000.	87	28328	No
39	GOM_NL__2PRFIN20070801_031708_000000412060_00218_28328_4262.N1	01-AUG-2007 03:17:08	Dark	40.500	47	2Bet CMa	1.9760	28000.	81	28328	No
40	GOM_NL__2PRFIN20070801_031849_000000422060_00218_28328_4263.N1	01-AUG-2007 03:18:49	Dark	41.500	139	9Bet Lep	2.8330	5600.0	83	28328	No
41	GOM_NL__2PRFIN20070801_032029_000000362060_00218_28328_4264.N1	01-AUG-2007 03:20:29	Dark	36.000	177	1Zet CMa	3.0220	26000.	72	28328	No
42	GOM_NL__2PRFIN20070801_033437_000000382060_00219_28329_4266.N1	01-AUG-2007 03:34:37	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	28329	No

43	GOM_NL__2PRFIN20070801_033714_000000382060_00219_28329_4267.N1	01-AUG-2007 03:37:14	Dark	37.500	135	Bet Hyl	2.8200	5800.0	75	28329	No
44	GOM_NL__2PRFIN20070801_034206_000000422060_00219_28329_4268.N1	01-AUG-2007 03:42:06	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	28329	No
45	GOM_NL__2PRFIN20070801_034520_000000382060_00219_28329_4269.N1	01-AUG-2007 03:45:20	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28329	No
46	GOM_NL__2PRFIN20070801_035342_000000422060_00219_28329_4270.N1	01-AUG-2007 03:53:42	Bright	42.000	103	38Zet Sgr	2.6000	9700.0	84	28329	No
47	GOM_NL__2PRFIN20070801_035605_000000362060_00219_28329_4271.N1	01-AUG-2007 03:56:05	Bright	35.500	155	41Pi Sgr	2.9000	6600.0	71	28329	No
48	GOM_NL__2PRFIN20070801_040554_000000362060_00219_28329_4272.N1	01-AUG-2007 04:05:54	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	28329	No
49	GOM_NL__2PRFIN20070801_041259_000000382060_00219_28329_4273.N1	01-AUG-2007 04:12:59	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	28329	No
50	GOM_NL__2PRFIN20070801_041646_000000362060_00219_28329_4274.N1	01-AUG-2007 04:16:46	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	28329	No
51	GOM_NL__2PRFIN20070801_042045_000000372060_00219_28329_4275.N1	01-AUG-2007 04:20:45	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28329	No
52	GOM_NL__2PRFIN20070801_042455_000000352060_00219_28329_4276.N1	01-AUG-2007 04:24:55	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	28329	No
53	GOM_NL__2PRFIN20070801_042731_000000362060_00219_28329_4277.N1	01-AUG-2007 04:27:31	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28329	No
54	GOM_NL__2PRFIN20070801_044022_000000502060_00219_28329_4278.N1	01-AUG-2007 04:40:22	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	28329	No
55	GOM_NL__2PRFIN20070801_044236_000000342060_00219_28329_4279.N1	01-AUG-2007 04:42:36	Bright	33.500	107	37The Aur	2.6490	11000.	67	28329	No
56	GOM_NL__2PRFIN20070801_044728_000000382060_00219_28329_4280.N1	01-AUG-2007 04:47:28	Tw_i_and_stray	37.500	176	23Zet Tau	3.0200	22000.	75	28329	No
57	GOM_NL__2PRFIN20070801_045108_000000532060_00219_28329_4281.N1	01-AUG-2007 04:51:08	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	28329	No
58	GOM_NL__2PRFIN20070801_045353_000000432060_00219_28329_4282.N1	01-AUG-2007 04:53:53	Dark	42.500	30	46Eps Ori	1.6940	30000.	85	28329	No
59	GOM_NL__2PRFIN20070801_045621_000000472060_00219_28329_4283.N1	01-AUG-2007 04:56:21	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	28329	No
60	GOM_NL__2PRFIN20070801_045744_000000412060_00219_28329_4284.N1	01-AUG-2007 04:57:44	Dark	41.000	47	2Bet CMa	1.9760	28000.	82	28329	No
61	GOM_NL__2PRFIN20070801_045926_000000392060_00219_28329_4285.N1	01-AUG-2007 04:59:26	Dark	39.000	139	9Bet Lep	2.8330	5600.0	78	28329	No
62	GOM_NL__2PRFIN20070801_050106_000000372060_00219_28329_4286.N1	01-AUG-2007 05:01:06	Dark	37.000	177	1Zet CMa	3.0220	26000.	74	28329	No
63	GOM_NL__2PRFIN20070801_051514_000000382060_00220_28330_4282.N1	01-AUG-2007 05:15:14	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	28330	No
64	GOM_NL__2PRFIN20070801_051751_000000372060_00220_28330_4283.N1	01-AUG-2007 05:17:51	Dark	36.500	135	Bet Hyl	2.8200	5800.0	73	28330	No
65	GOM_NL__2PRFIN20070801_052242_000000412060_00220_28330_4284.N1	01-AUG-2007 05:22:42	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28330	No
66	GOM_NL__2PRFIN20070801_052556_000000402060_00220_28330_4285.N1	01-AUG-2007 05:25:56	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	28330	No
67	GOM_NL__2PRFIN20070801_053418_000000472060_00220_28330_4286.N1	01-AUG-2007 05:34:18	Bright	47.000	103	38Zet Sgr	2.6000	9700.0	94	28330	No
68	GOM_NL__2PRFIN20070801_053641_000000372060_00220_28330_4287.N1	01-AUG-2007 05:36:41	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28330	No
69	GOM_NL__2PRFIN20070801_054631_000000352060_00220_28330_4288.N1	01-AUG-2007 05:46:31	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	28330	No
70	GOM_NL__2PRFIN20070801_055335_000000392060_00220_28330_4289.N1	01-AUG-2007 05:53:35	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	28330	No
71	GOM_NL__2PRFIN20070801_055722_000000382060_00220_28330_4290.N1	01-AUG-2007 05:57:22	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	28330	No
72	GOM_NL__2PRFIN20070801_060121_000000362060_00220_28330_4291.N1	01-AUG-2007 06:01:21	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	28330	No
73	GOM_NL__2PRFIN20070801_060531_000000372060_00220_28330_4292.N1	01-AUG-2007 06:05:31	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	28330	No
74	GOM_NL__2PRFIN20070801_060807_000000372060_00220_28330_4293.N1	01-AUG-2007 06:08:07	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28330	No
75	GOM_NL__2PRFIN20070801_062058_000000342060_00220_28330_4294.N1	01-AUG-2007 06:20:58	Bright	34.000	42	34Bet Aur	1.9000	10200.	68	28330	No
76	GOM_NL__2PRFIN20070801_062312_000000352060_00220_28330_4295.N1	01-AUG-2007 06:23:12	Bright	34.500	107	37The Aur	2.6490	11000.	69	28330	No
77	GOM_NL__2PRFIN20070801_062805_000000392060_00220_28330_4296.N1	01-AUG-2007 06:28:05	Tw_i_and_stray	38.500	176	23Zet Tau	3.0200	22000.	77	28330	No
78	GOM_NL__2PRFIN20070801_063144_000000532060_00220_28330_4297.N1	01-AUG-2007 06:31:44	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	28330	No
79	GOM_NL__2PRFIN20070801_063429_000000432060_00220_28330_4298.N1	01-AUG-2007 06:34:29	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	28330	No
80	GOM_NL__2PRFIN20070801_063657_000000472060_00220_28330_4299.N1	01-AUG-2007 06:36:57	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	28330	No
81	GOM_NL__2PRFIN20070801_063821_000000422060_00220_28330_4300.N1	01-AUG-2007 06:38:21	Dark	42.000	47	2Bet CMa	1.9760	28000.	84	28330	No
82	GOM_NL__2PRFIN20070801_064002_000000442060_00220_28330_4301.N1	01-AUG-2007 06:40:02	Dark	43.500	139	9Bet Lep	2.8330	5600.0	87	28330	No
83	GOM_NL__2PRFIN20070801_064142_000000382060_00220_28330_4302.N1	01-AUG-2007 06:41:42	Dark	38.000	177	1Zet CMa	3.0220	26000.	76	28330	No
84	GOM_NL__2PRFIN20070801_083627_000000392060_00222_28332_4312.N1	01-AUG-2007 08:36:27	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28332	No
85	GOM_NL__2PRFIN20070801_083903_000000382060_00222_28332_4313.N1	01-AUG-2007 08:39:03	Dark	37.500	135	Bet Hyl	2.8200	5800.0	75	28332	No
86	GOM_NL__2PRFIN20070801_084355_000000432060_00222_28332_4314.N1	01-AUG-2007 08:43:55	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	28332	No
87	GOM_NL__2PRFIN20070801_084708_000000412060_00222_28332_4315.N1	01-AUG-2007 08:47:08	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	28332	No
88	GOM_NL__2PRFIN20070801_085531_000000402060_00222_28332_4316.N1	01-AUG-2007 08:55:31	Bright	39.500	103	38Zet Sgr	2.6000	9700.0	79	28332	No
89	GOM_NL__2PRFIN20070801_085753_000000372060_00222_28332_4317.N1	01-AUG-2007 08:57:53	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	28332	No
90	GOM_NL__2PRFIN20070801_090742_000000352060_00222_28332_4318.N1	01-AUG-2007 09:07:42	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	28332	No
91	GOM_NL__2PRFIN20070801_091447_000000382060_00222_28332_4319.N1	01-AUG-2007 09:14:47	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	28332	No
92	GOM_NL__2PRFIN20070801_091834_000000372060_00222_28332_4320.N1	01-AUG-2007 09:18:34	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28332	No
93	GOM_NL__2PRFIN20070801_092234_000000362060_00222_28332_4321.N1	01-AUG-2007 09:22:34	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	28332	No
94	GOM_NL__2PRFIN20070801_092643_000000342060_00222_28332_4322.N1	01-AUG-2007 09:26:43	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	28332	No
95	GOM_NL__2PRFIN20070801_092919_000000362060_00222_28332_4323.N1	01-AUG-2007 09:29:19	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28332	No
96	GOM_NL__2PRFIN20070801_094210_000000532060_00222_28332_4324.N1	01-AUG-2007 09:42:10	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	28332	No
97	GOM_NL__2PRFIN20070801_094424_000000472060_00222_28332_4325.N1	01-AUG-2007 09:44:24	Bright	47.000	107	37The Aur	2.6490	11000.	94	28332	No
98	GOM_NL__2PRFIN20070801_094917_000000402060_00222_28332_4326.N1	01-AUG-2007 09:49:17	Tw_i_and_stray	39.500	176	23Zet Tau	3.0200	22000.	79	28332	No
99	GOM_NL__2PRFIN20070801_095256_000000492060_00222_28332_4327.N1	01-AUG-2007 09:52:56	Dark	49.000	14	58Alp Ori	0.87000	3000.0	98	28332	No
100	GOM_NL__2PRFIN20070801_095541_000000442060_00222_28332_4328.N1	01-AUG-2007 09:55:41	Dark	44.000	30	46Eps Ori	1.6940	30000.	88	28332	No
101	GOM_NL__2PRFIN20070801_095810_000000532060_00222_28332_4329.N1	01-AUG-2007 09:58:10	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	28332	No

102	GOM_NL__2PRFIN20070801_100021_000000412060_00222_28332_4330.N1	01-AUG-2007 10:00:21	Dark	41.000	101	11Alp Lep	2.5820	7000.0	82	28332	No
103	GOM_NL__2PRFIN20070801_100254_000000382060_00222_28332_4331.N1	01-AUG-2007 10:02:54	Dark	38.000	177	1Zet CMa	3.0220	26000.	76	28332	No
104	GOM_NL__2PRFIN20070801_101704_000000392060_00223_28333_4338.N1	01-AUG-2007 10:17:04	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28333	No
105	GOM_NL__2PRFIN20070801_101939_000000362060_00223_28333_4339.N1	01-AUG-2007 10:19:39	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	28333	No
106	GOM_NL__2PRFIN20070801_102431_000000402060_00223_28333_4340.N1	01-AUG-2007 10:24:31	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28333	No
107	GOM_NL__2PRFIN20070801_102745_000000392060_00223_28333_4341.N1	01-AUG-2007 10:27:45	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	28333	No
108	GOM_NL__2PRFIN20070801_103607_000000412060_00223_28333_4342.N1	01-AUG-2007 10:36:07	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	28333	No
109	GOM_NL__2PRFIN20070801_103829_000000362060_00223_28333_4343.N1	01-AUG-2007 10:38:29	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	28333	No
110	GOM_NL__2PRFIN20070801_104818_000000352060_00223_28333_4344.N1	01-AUG-2007 10:48:18	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	28333	No
111	GOM_NL__2PRFIN20070801_105523_000000382060_00223_28333_4345.N1	01-AUG-2007 10:55:23	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	28333	No
112	GOM_NL__2PRFIN20070801_105910_000000372060_00223_28333_4346.N1	01-AUG-2007 10:59:10	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28333	No
113	GOM_NL__2PRFIN20070801_110310_000000372060_00223_28333_4347.N1	01-AUG-2007 11:03:10	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28333	No
114	GOM_NL__2PRFIN20070801_110720_000000332060_00223_28333_4348.N1	01-AUG-2007 11:07:20	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	28333	No
115	GOM_NL__2PRFIN20070801_110954_000000362060_00223_28333_4349.N1	01-AUG-2007 11:09:54	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28333	No
116	GOM_NL__2PRFIN20070801_112245_000000532060_00223_28333_4350.N1	01-AUG-2007 11:22:45	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	28333	No
117	GOM_NL__2PRFIN20070801_112500_000000392060_00223_28333_4351.N1	01-AUG-2007 11:25:00	Bright	38.500	107	37The Aur	2.6490	11000.	77	28333	No
118	GOM_NL__2PRFIN20070801_112953_000000402060_00223_28333_4352.N1	01-AUG-2007 11:29:53	Tw_i_and_stray	40.000	176	23Zet Tau	3.0200	22000.	80	28333	No
119	GOM_NL__2PRFIN20070801_113333_000000492060_00223_28333_4353.N1	01-AUG-2007 11:33:33	Dark	49.000	14	58Alp Ori	0.87000	3000.0	98	28333	No
120	GOM_NL__2PRFIN20070801_113618_000000422060_00223_28333_4354.N1	01-AUG-2007 11:36:18	Dark	41.500	30	46Eps Ori	1.6940	30000.	83	28333	No
121	GOM_NL__2PRFIN20070801_113846_000000432060_00223_28333_4355.N1	01-AUG-2007 11:38:46	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	28333	No
122	GOM_NL__2PRFIN20070801_114057_000000412060_00223_28333_4356.N1	01-AUG-2007 11:40:57	Dark	40.500	101	11Alp Lep	2.5820	7000.0	81	28333	No
123	GOM_NL__2PRFIN20070801_114330_000000382060_00223_28333_4357.N1	01-AUG-2007 11:43:30	Dark	38.000	177	1Zet CMa	3.0220	26000.	76	28333	No
124	GOM_NL__2PRFIN20070801_115740_000000392060_00224_28334_4354.N1	01-AUG-2007 11:57:40	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28334	No
125	GOM_NL__2PRFIN20070801_120015_000000372060_00224_28334_4355.N1	01-AUG-2007 12:00:15	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	28334	No
126	GOM_NL__2PRFIN20070801_120508_000000432060_00224_28334_4356.N1	01-AUG-2007 12:05:08	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	28334	No
127	GOM_NL__2PRFIN20070801_120821_000000382060_00224_28334_4357.N1	01-AUG-2007 12:08:21	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28334	No
128	GOM_NL__2PRFIN20070801_121643_000000462060_00224_28334_4358.N1	01-AUG-2007 12:16:43	Bright	45.500	103	38Zet Sgr	2.6000	9700.0	91	28334	No
129	GOM_NL__2PRFIN20070801_121905_000000362060_00224_28334_4359.N1	01-AUG-2007 12:19:05	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	28334	No
130	GOM_NL__2PRFIN20070801_122854_000000362060_00224_28334_4360.N1	01-AUG-2007 12:28:54	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	28334	No
131	GOM_NL__2PRFIN20070801_123559_000000362060_00224_28334_4361.N1	01-AUG-2007 12:35:59	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	28334	No
132	GOM_NL__2PRFIN20070801_123946_000000372060_00224_28334_4362.N1	01-AUG-2007 12:39:46	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28334	No
133	GOM_NL__2PRFIN20070801_124346_000000372060_00224_28334_4363.N1	01-AUG-2007 12:43:46	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	28334	No
134	GOM_NL__2PRFIN20070801_124756_000000332060_00224_28334_4364.N1	01-AUG-2007 12:47:56	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	28334	No
135	GOM_NL__2PRFIN20070801_125030_000000362060_00224_28334_4365.N1	01-AUG-2007 12:50:30	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28334	No
136	GOM_NL__2PRFIN20070801_130322_000000372060_00224_28334_4366.N1	01-AUG-2007 13:03:22	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	28334	No
137	GOM_NL__2PRFIN20070801_130536_000000342060_00224_28334_4367.N1	01-AUG-2007 13:05:36	Bright	33.500	107	37The Aur	2.6490	11000.	67	28334	No
138	GOM_NL__2PRFIN20070801_131029_000000402060_00224_28334_4368.N1	01-AUG-2007 13:10:29	Tw_i_and_stray	40.000	176	23Zet Tau	3.0200	22000.	80	28334	No
139	GOM_NL__2PRFIN20070801_131408_000000532060_00224_28334_4369.N1	01-AUG-2007 13:14:08	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	28334	No
140	GOM_NL__2PRFIN20070801_131654_000000412060_00224_28334_4370.N1	01-AUG-2007 13:16:54	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	28334	No
141	GOM_NL__2PRFIN20070801_131922_000000422060_00224_28334_4371.N1	01-AUG-2007 13:19:22	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	28334	No
142	GOM_NL__2PRFIN20070801_132133_000000372060_00224_28334_4372.N1	01-AUG-2007 13:21:33	Dark	36.500	101	11Alp Lep	2.5820	7000.0	73	28334	No
143	GOM_NL__2PRFIN20070801_132406_000000382060_00224_28334_4373.N1	01-AUG-2007 13:24:06	Dark	38.000	177	1Zet CMa	3.0220	26000.	76	28334	No
144	GOM_NL__2PRFIN20070801_133816_000000392060_00225_28335_4370.N1	01-AUG-2007 13:38:16	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28335	No
145	GOM_NL__2PRFIN20070801_134051_000000372060_00225_28335_4371.N1	01-AUG-2007 13:40:51	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28335	No
146	GOM_NL__2PRFIN20070801_134544_000000412060_00225_28335_4372.N1	01-AUG-2007 13:45:44	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28335	No
147	GOM_NL__2PRFIN20070801_134857_000000402060_00225_28335_4373.N1	01-AUG-2007 13:48:57	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	28335	No
148	GOM_NL__2PRFIN20070801_135719_000000412060_00225_28335_4374.N1	01-AUG-2007 13:57:19	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	28335	No
149	GOM_NL__2PRFIN20070801_135941_000000372060_00225_28335_4375.N1	01-AUG-2007 13:59:41	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28335	No
150	GOM_NL__2PRFIN20070801_140930_000000352060_00225_28335_4376.N1	01-AUG-2007 14:09:30	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	28335	No
151	GOM_NL__2PRFIN20070801_141635_000000372060_00225_28335_4377.N1	01-AUG-2007 14:16:35	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	28335	No
152	GOM_NL__2PRFIN20070801_142023_000000372060_00225_28335_4378.N1	01-AUG-2007 14:20:23	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28335	No
153	GOM_NL__2PRFIN20070801_142423_000000372060_00225_28335_4379.N1	01-AUG-2007 14:24:23	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28335	No
154	GOM_NL__2PRFIN20070801_142832_000000342060_00225_28335_4380.N1	01-AUG-2007 14:28:32	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	28335	No
155	GOM_NL__2PRFIN20070801_143106_000000352060_00225_28335_4381.N1	01-AUG-2007 14:31:06	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	28335	No
156	GOM_NL__2PRFIN20070801_144358_000000532060_00225_28335_4382.N1	01-AUG-2007 14:43:58	Bright	52.500	42	34Bet Aur	1.9000	10200.	105	28335	No
157	GOM_NL__2PRFIN20070801_144612_000000352060_00225_28335_4383.N1	01-AUG-2007 14:46:12	Bright	34.500	107	37The Aur	2.6490	11000.	69	28335	No
158	GOM_NL__2PRFIN20070801_145105_000000412060_00225_28335_4384.N1	01-AUG-2007 14:51:05	Tw_i_and_stray	41.000	176	23Zet Tau	3.0200	22000.	82	28335	No
159	GOM_NL__2PRFIN20070801_145445_000000532060_00225_28335_4385.N1	01-AUG-2007 14:54:45	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	28335	No
160	GOM_NL__2PRFIN20070801_145730_000000402060_00225_28335_4386.N1	01-AUG-2007 14:57:30	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	28335	No



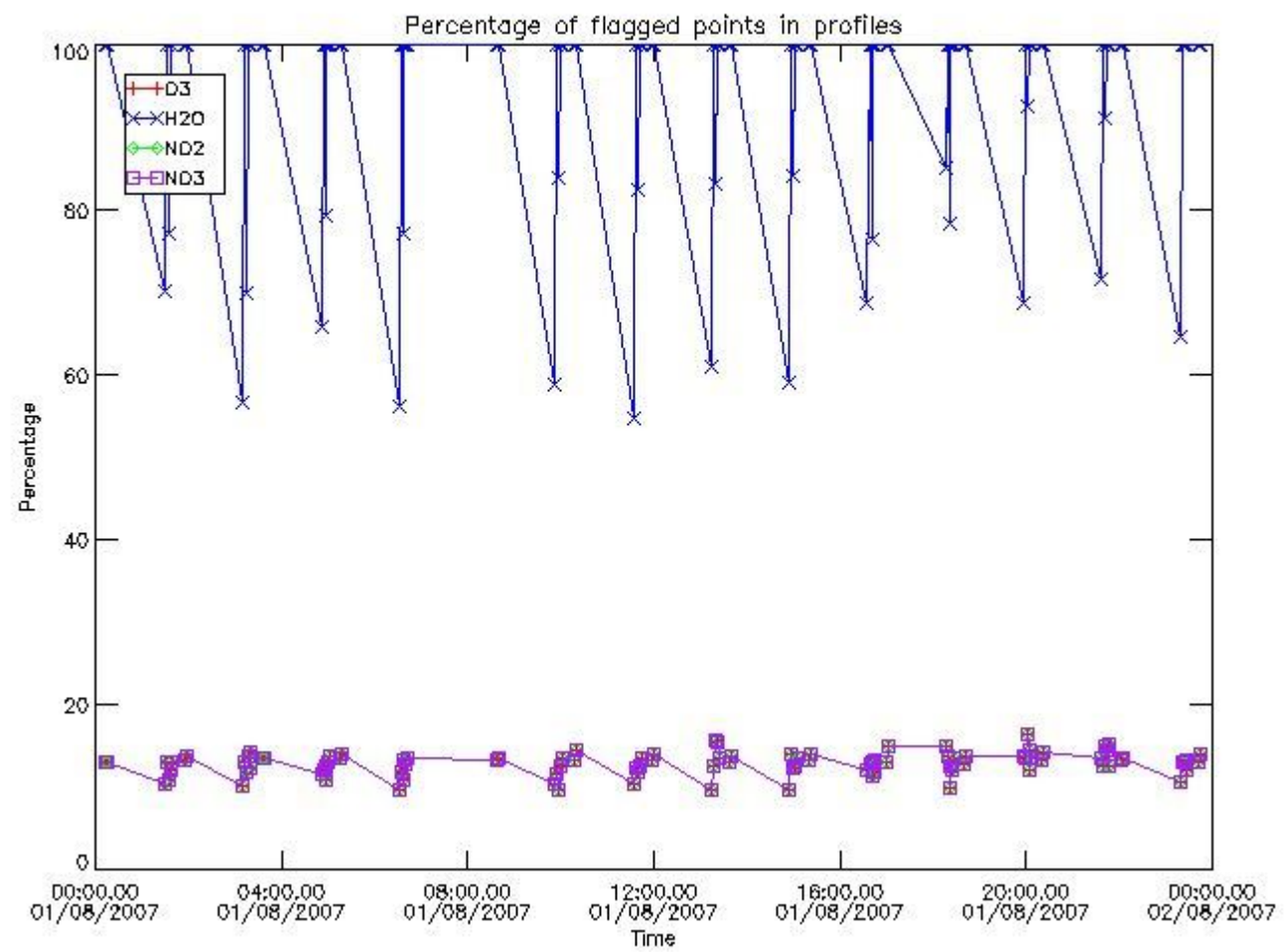
161	GOM_NL__2PRFIN20070801_145959_000000422060_00225_28335_4387.N1	01-AUG-2007 14:59:59	Dark	41.500	7	19Bet Ori	0.10000	14000.	83	28335	No
162	GOM_NL__2PRFIN20070801_150210_000000412060_00225_28335_4388.N1	01-AUG-2007 15:02:10	Dark	41.000	101	11Alp Lep	2.5820	7000.0	82	28335	No
163	GOM_NL__2PRFIN20070801_150442_000000382060_00225_28335_4389.N1	01-AUG-2007 15:04:42	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	28335	No
164	GOM_NL__2PRFIN20070801_151853_000000392060_00226_28336_4386.N1	01-AUG-2007 15:18:53	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28336	No
165	GOM_NL__2PRFIN20070801_152127_000000372060_00226_28336_4387.N1	01-AUG-2007 15:21:27	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	28336	No
166	GOM_NL__2PRFIN20070801_152620_000000402060_00226_28336_4388.N1	01-AUG-2007 15:26:20	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28336	No
167	GOM_NL__2PRFIN20070801_152933_000000372060_00226_28336_4389.N1	01-AUG-2007 15:29:33	Straylight	37.000	45	Alp Pav	1.9400	26000.	74	28336	No
168	GOM_NL__2PRFIN20070801_153755_000000392060_00226_28336_4390.N1	01-AUG-2007 15:37:55	Bright	38.500	103	38Zet Sgr	2.6000	9700.0	77	28336	No
169	GOM_NL__2PRFIN20070801_154018_000000372060_00226_28336_4391.N1	01-AUG-2007 15:40:18	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28336	No
170	GOM_NL__2PRFIN20070801_155006_000000352060_00226_28336_4392.N1	01-AUG-2007 15:50:06	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	28336	No
171	GOM_NL__2PRFIN20070801_155711_000000392060_00226_28336_4393.N1	01-AUG-2007 15:57:11	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	28336	No
172	GOM_NL__2PRFIN20070801_160059_000000372060_00226_28336_4394.N1	01-AUG-2007 16:00:59	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28336	No
173	GOM_NL__2PRFIN20070801_160459_000000372060_00226_28336_4395.N1	01-AUG-2007 16:04:59	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28336	No
174	GOM_NL__2PRFIN20070801_160908_000000342060_00226_28336_4396.N1	01-AUG-2007 16:09:08	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	28336	No
175	GOM_NL__2PRFIN20070801_161142_000000362060_00226_28336_4397.N1	01-AUG-2007 16:11:42	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28336	No
176	GOM_NL__2PRFIN20070801_162434_000000352060_00226_28336_4398.N1	01-AUG-2007 16:24:34	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	28336	No
177	GOM_NL__2PRFIN20070801_162648_000000472060_00226_28336_4399.N1	01-AUG-2007 16:26:48	Bright	47.000	107	37The Aur	2.6490	11000.	94	28336	No
178	GOM_NL__2PRFIN20070801_163141_000000402060_00226_28336_4400.N1	01-AUG-2007 16:31:41	Tw_i_and_stray	40.000	176	23Zet Tau	3.0200	22000.	80	28336	No
179	GOM_NL__2PRFIN20070801_163521_000000422060_00226_28336_4401.N1	01-AUG-2007 16:35:21	Dark	42.000	14	58Alp Ori	0.87000	3000.0	84	28336	No
180	GOM_NL__2PRFIN20070801_163806_000000402060_00226_28336_4402.N1	01-AUG-2007 16:38:06	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	28336	No
181	GOM_NL__2PRFIN20070801_164035_000000492060_00226_28336_4403.N1	01-AUG-2007 16:40:35	Dark	49.000	7	19Bet Ori	0.10000	14000.	98	28336	No
182	GOM_NL__2PRFIN20070801_164157_000000392060_00226_28336_4404.N1	01-AUG-2007 16:41:57	Dark	39.000	47	2Bet CMa	1.9760	28000.	78	28336	No
183	GOM_NL__2PRFIN20070801_164340_000000432060_00226_28336_4405.N1	01-AUG-2007 16:43:40	Dark	43.000	139	9Bet Lep	2.8330	5600.0	86	28336	No
184	GOM_NL__2PRFIN20070801_164518_000000392060_00226_28336_4406.N1	01-AUG-2007 16:45:18	Dark	38.500	177	1Zet CMa	3.0220	26000.	77	28336	No
185	GOM_NL__2PRFIN20070801_165930_000000392060_00227_28337_4396.N1	01-AUG-2007 16:59:30	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28337	No
186	GOM_NL__2PRFIN20070801_170204_000000382060_00227_28337_4397.N1	01-AUG-2007 17:02:04	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	28337	No
187	GOM_NL__2PRFIN20070801_170657_000000412060_00227_28337_4398.N1	01-AUG-2007 17:06:57	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28337	No
188	GOM_NL__2PRFIN20070801_171009_000000372060_00227_28337_4399.N1	01-AUG-2007 17:10:09	Straylight	36.500	45	Alp Pav	1.9400	26000.	73	28337	No
189	GOM_NL__2PRFIN20070801_171831_000000462060_00227_28337_4400.N1	01-AUG-2007 17:18:31	Bright	46.000	103	38Zet Sgr	2.6000	9700.0	92	28337	No
190	GOM_NL__2PRFIN20070801_172054_000000372060_00227_28337_4401.N1	01-AUG-2007 17:20:54	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28337	No
191	GOM_NL__2PRFIN20070801_173042_000000362060_00227_28337_4402.N1	01-AUG-2007 17:30:42	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	28337	No
192	GOM_NL__2PRFIN20070801_173747_000000382060_00227_28337_4403.N1	01-AUG-2007 17:37:47	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	28337	No
193	GOM_NL__2PRFIN20070801_174135_000000372060_00227_28337_4404.N1	01-AUG-2007 17:41:35	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28337	No
194	GOM_NL__2PRFIN20070801_174535_000000372060_00227_28337_4405.N1	01-AUG-2007 17:45:35	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	28337	No
195	GOM_NL__2PRFIN20070801_174944_000000372060_00227_28337_4406.N1	01-AUG-2007 17:49:44	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	28337	No
196	GOM_NL__2PRFIN20070801_175218_000000362060_00227_28337_4407.N1	01-AUG-2007 17:52:18	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28337	No
197	GOM_NL__2PRFIN20070801_180510_000000352060_00227_28337_4408.N1	01-AUG-2007 18:05:10	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	28337	No
198	GOM_NL__2PRFIN20070801_180724_000000392060_00227_28337_4409.N1	01-AUG-2007 18:07:24	Bright	38.500	107	37The Aur	2.6490	11000.	77	28337	No
199	GOM_NL__2PRFIN20070801_181217_000000392060_00227_28337_4410.N1	01-AUG-2007 18:12:17	Tw_i_and_stray	39.000	176	23Zet Tau	3.0200	22000.	78	28337	No
200	GOM_NL__2PRFIN20070801_181557_000000342060_00227_28337_4411.N1	01-AUG-2007 18:15:57	Dark	34.000	14	58Alp Ori	0.87000	3000.0	68	28337	No
201	GOM_NL__2PRFIN20070801_181843_000000372060_00227_28337_4412.N1	01-AUG-2007 18:18:43	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	28337	No
202	GOM_NL__2PRFIN20070801_182112_000000512060_00227_28337_4413.N1	01-AUG-2007 18:21:12	Dark	51.000	7	19Bet Ori	0.10000	14000.	102	28337	No
203	GOM_NL__2PRFIN20070801_182233_000000412060_00227_28337_4414.N1	01-AUG-2007 18:22:33	Dark	40.500	47	2Bet CMa	1.9760	28000.	81	28337	No
204	GOM_NL__2PRFIN20070801_182416_000000432060_00227_28337_4415.N1	01-AUG-2007 18:24:16	Dark	42.500	139	9Bet Lep	2.8330	5600.0	85	28337	No
205	GOM_NL__2PRFIN20070801_182554_000000382060_00227_28337_4416.N1	01-AUG-2007 18:25:54	Dark	38.000	177	1Zet CMa	3.0220	26000.	76	28337	No
206	GOM_NL__2PRFIN20070801_184006_000000402060_00228_28338_4441.N1	01-AUG-2007 18:40:06	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28338	No
207	GOM_NL__2PRFIN20070801_184240_000000372060_00228_28338_4442.N1	01-AUG-2007 18:42:40	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28338	No
208	GOM_NL__2PRFIN20070801_184733_000000402060_00228_28338_4443.N1	01-AUG-2007 18:47:33	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28338	No
209	GOM_NL__2PRFIN20070801_185046_000000382060_00228_28338_4444.N1	01-AUG-2007 18:50:46	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	28338	No
210	GOM_NL__2PRFIN20070801_185907_000000522060_00228_28338_4445.N1	01-AUG-2007 18:59:07	Bright	52.000	103	38Zet Sgr	2.6000	9700.0	104	28338	No
211	GOM_NL__2PRFIN20070801_190130_000000362060_00228_28338_4446.N1	01-AUG-2007 19:01:30	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	28338	No
212	GOM_NL__2PRFIN20070801_191118_000000362060_00228_28338_4447.N1	01-AUG-2007 19:11:18	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	28338	No
213	GOM_NL__2PRFIN20070801_191823_000000372060_00228_28338_4448.N1	01-AUG-2007 19:18:23	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	28338	No
214	GOM_NL__2PRFIN20070801_192211_000000382060_00228_28338_4449.N1	01-AUG-2007 19:22:11	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	28338	No
215	GOM_NL__2PRFIN20070801_192611_000000292060_00228_28338_4450.N1	01-AUG-2007 19:26:11	Bright	29.000	119	14Eta Dra	2.7270	4700.0	58	28338	No
216	GOM_NL__2PRFIN20070801_193021_000000362060_00228_28338_4451.N1	01-AUG-2007 19:30:21	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	28338	No
217	GOM_NL__2PRFIN20070801_193254_000000362060_00228_28338_4452.N1	01-AUG-2007 19:32:54	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28338	No
218	GOM_NL__2PRFIN20070801_194546_000000472060_00228_28338_4453.N1	01-AUG-2007 19:45:46	Bright	46.500	42	34Bet Aur	1.9000	10200.	93	28338	No
219	GOM_NL__2PRFIN20070801_194800_000000382060_00228_28338_4454.N1	01-AUG-2007 19:48:00	Bright	38.000	107	37The Aur	2.6490	11000.	76	28338	No

220	GOM_NL__2PRFIN20070801_195254_000000382060_00228_28338_4455.N1	01-AUG-2007 19:52:54	Twilight	37.500	176	23Zet Tau	3.0200	22000.	75	28338	No
221	GOM_NL__2PRFIN20070801_195634_000000412060_00228_28338_4456.N1	01-AUG-2007 19:56:34	Dark	40.500	14	58Alp Ori	0.87000	3000.0	81	28338	No
222	GOM_NL__2PRFIN20070801_195919_000000382060_00228_28338_4457.N1	01-AUG-2007 19:59:19	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	28338	No
223	GOM_NL__2PRFIN20070801_200148_000000342060_00228_28338_4458.N1	01-AUG-2007 20:01:48	Dark	34.000	7	19Bet Ori	0.10000	14000.	68	28338	No
224	GOM_NL__2PRFIN20070801_200309_000000392060_00228_28338_4459.N1	01-AUG-2007 20:03:09	Dark	38.500	47	2Bet CMa	1.9760	28000.	77	28338	No
225	GOM_NL__2PRFIN20070801_200452_000000432060_00228_28338_4460.N1	01-AUG-2007 20:04:52	Dark	42.500	139	9Bet Lep	2.8330	5600.0	85	28338	No
226	GOM_NL__2PRFIN20070801_200631_000000382060_00228_28338_4461.N1	01-AUG-2007 20:06:31	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	28338	No
227	GOM_NL__2PRFIN20070801_202043_000000392060_00229_28339_4452.N1	01-AUG-2007 20:20:43	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28339	No
228	GOM_NL__2PRFIN20070801_202316_000000362060_00229_28339_4453.N1	01-AUG-2007 20:23:16	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	28339	No
229	GOM_NL__2PRFIN20070801_202810_000000472060_00229_28339_4454.N1	01-AUG-2007 20:28:10	Straylight	47.000	148	Alp Tuc	2.8780	4100.0	94	28339	No
230	GOM_NL__2PRFIN20070801_203122_000000382060_00229_28339_4455.N1	01-AUG-2007 20:31:22	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28339	No
231	GOM_NL__2PRFIN20070801_203943_000000412060_00229_28339_4456.N1	01-AUG-2007 20:39:43	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	28339	No
232	GOM_NL__2PRFIN20070801_204206_000000372060_00229_28339_4457.N1	01-AUG-2007 20:42:06	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28339	No
233	GOM_NL__2PRFIN20070801_205154_000000342060_00229_28339_4458.N1	01-AUG-2007 20:51:54	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	28339	No
234	GOM_NL__2PRFIN20070801_205859_000000342060_00229_28339_4459.N1	01-AUG-2007 20:58:59	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	28339	No
235	GOM_NL__2PRFIN20070801_210247_000000392060_00229_28339_4460.N1	01-AUG-2007 21:02:47	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	28339	No
236	GOM_NL__2PRFIN20070801_210648_000000292060_00229_28339_4461.N1	01-AUG-2007 21:06:48	Bright	29.000	119	14Eta Dra	2.7270	4700.0	58	28339	No
237	GOM_NL__2PRFIN20070801_211057_000000362060_00229_28339_4462.N1	01-AUG-2007 21:10:57	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	28339	No
238	GOM_NL__2PRFIN20070801_211330_000000362060_00229_28339_4463.N1	01-AUG-2007 21:13:30	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28339	No
239	GOM_NL__2PRFIN20070801_212622_000000462060_00229_28339_4464.N1	01-AUG-2007 21:26:22	Bright	45.500	42	34Bet Aur	1.9000	10200.	91	28339	No
240	GOM_NL__2PRFIN20070801_212836_000000352060_00229_28339_4465.N1	01-AUG-2007 21:28:36	Bright	35.000	107	37The Aur	2.6490	11000.	70	28339	No
241	GOM_NL__2PRFIN20070801_213330_000000382060_00229_28339_4466.N1	01-AUG-2007 21:33:30	Twilight	37.500	176	23Zet Tau	3.0200	22000.	75	28339	No
242	GOM_NL__2PRFIN20070801_213710_000000382060_00229_28339_4467.N1	01-AUG-2007 21:37:10	Dark	37.500	14	58Alp Ori	0.87000	3000.0	75	28339	No
243	GOM_NL__2PRFIN20070801_213955_000000412060_00229_28339_4468.N1	01-AUG-2007 21:39:55	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	28339	No
244	GOM_NL__2PRFIN20070801_214224_000000342060_00229_28339_4469.N1	01-AUG-2007 21:42:24	Dark	34.000	7	19Bet Ori	0.10000	14000.	68	28339	No
245	GOM_NL__2PRFIN20070801_214345_000000392060_00229_28339_4470.N1	01-AUG-2007 21:43:45	Dark	39.000	47	2Bet CMa	1.9760	28000.	78	28339	No
246	GOM_NL__2PRFIN20070801_214529_000000412060_00229_28339_4471.N1	01-AUG-2007 21:45:29	Dark	40.500	139	9Bet Lep	2.8330	5600.0	81	28339	No
247	GOM_NL__2PRFIN20070801_214707_000000372060_00229_28339_4472.N1	01-AUG-2007 21:47:07	Dark	37.000	177	1Zet CMa	3.0220	26000.	74	28339	No
248	GOM_NL__2PRFIN20070801_220119_000000392060_00230_28340_4468.N1	01-AUG-2007 22:01:19	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28340	No
249	GOM_NL__2PRFIN20070801_220352_000000382060_00230_28340_4469.N1	01-AUG-2007 22:03:52	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	28340	No
250	GOM_NL__2PRFIN20070801_220846_000000402060_00230_28340_4470.N1	01-AUG-2007 22:08:46	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28340	No
251	GOM_NL__2PRFIN20070801_221158_000000382060_00230_28340_4471.N1	01-AUG-2007 22:11:58	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	28340	No
252	GOM_NL__2PRFIN20070801_222019_000000422060_00230_28340_4472.N1	01-AUG-2007 22:20:19	Bright	42.000	103	38Zet Sgr	2.6000	9700.0	84	28340	No
253	GOM_NL__2PRFIN20070801_222242_000000372060_00230_28340_4473.N1	01-AUG-2007 22:22:42	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	28340	No
254	GOM_NL__2PRFIN20070801_223230_000000352060_00230_28340_4474.N1	01-AUG-2007 22:32:30	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	28340	No
255	GOM_NL__2PRFIN20070801_223935_000000342060_00230_28340_4475.N1	01-AUG-2007 22:39:35	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	28340	No
256	GOM_NL__2PRFIN20070801_224323_000000332060_00230_28340_4476.N1	01-AUG-2007 22:43:23	Bright	33.000	69	33Gam Dra	2.2310	3800.0	66	28340	No
257	GOM_NL__2PRFIN20070801_225133_000000372060_00230_28340_4477.N1	01-AUG-2007 22:51:33	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	28340	No
258	GOM_NL__2PRFIN20070801_225406_000000362060_00230_28340_4478.N1	01-AUG-2007 22:54:06	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28340	No
259	GOM_NL__2PRFIN20070801_230658_000000352060_00230_28340_4479.N1	01-AUG-2007 23:06:58	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	28340	No
260	GOM_NL__2PRFIN20070801_230912_000000362060_00230_28340_4480.N1	01-AUG-2007 23:09:12	Bright	35.500	107	37The Aur	2.6490	11000.	71	28340	No
261	GOM_NL__2PRFIN20070801_231406_000000422060_00230_28340_4481.N1	01-AUG-2007 23:14:06	Twilight	41.500	176	23Zet Tau	3.0200	22000.	83	28340	No
262	GOM_NL__2PRFIN20070801_231746_000000492060_00230_28340_4482.N1	01-AUG-2007 23:17:46	Dark	48.500	14	58Alp Ori	0.87000	3000.0	97	28340	No
263	GOM_NL__2PRFIN20070801_232032_000000402060_00230_28340_4483.N1	01-AUG-2007 23:20:32	Dark	39.500	30	46Eps Ori	1.6940	30000.	79	28340	No
264	GOM_NL__2PRFIN20070801_232238_000000402060_00230_28340_4484.N1	01-AUG-2007 23:22:38	Dark	39.500	56	53Kap Ori	2.0650	30000.	79	28340	No
265	GOM_NL__2PRFIN20070801_232422_000000402060_00230_28340_4485.N1	01-AUG-2007 23:24:22	Dark	39.500	47	2Bet CMa	1.9760	28000.	79	28340	No
266	GOM_NL__2PRFIN20070801_232605_000000432060_00230_28340_4486.N1	01-AUG-2007 23:26:05	Dark	42.500	139	9Bet Lep	2.8330	5600.0	85	28340	No
267	GOM_NL__2PRFIN20070801_232742_000000392060_00230_28340_4487.N1	01-AUG-2007 23:27:42	Dark	38.500	177	1Zet CMa	3.0220	26000.	77	28340	No
268	GOM_NL__2PRFIN20070801_234155_000000392060_00231_28341_4484.N1	01-AUG-2007 23:41:55	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28341	No
269	GOM_NL__2PRFIN20070801_234428_000000372060_00231_28341_4485.N1	01-AUG-2007 23:44:28	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	28341	No
270	GOM_NL__2PRFIN20070801_234922_000000402060_00231_28341_4486.N1	01-AUG-2007 23:49:22	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28341	No
271	GOM_NL__2PRFIN20070801_235234_000000402060_00231_28341_4487.N1	01-AUG-2007 23:52:34	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	28341	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.

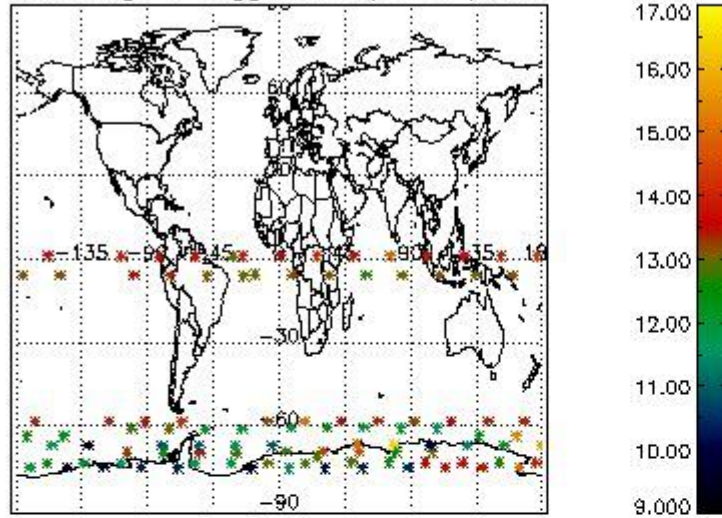
3.1 Plot quality information per product (time dependant)



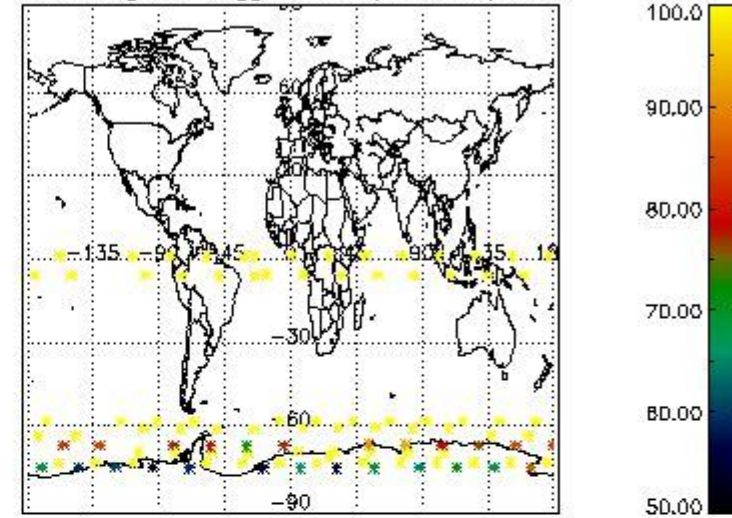
3.2 Plot quality information per product (world map)



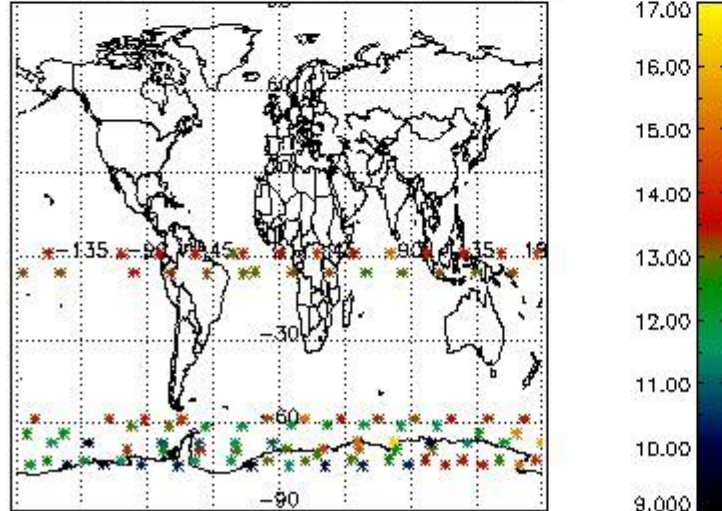
Percentage of flagged data per O3 profile



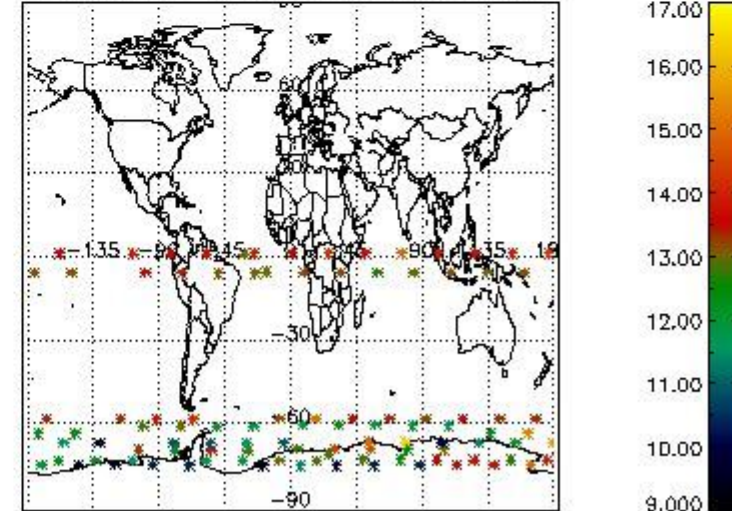
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



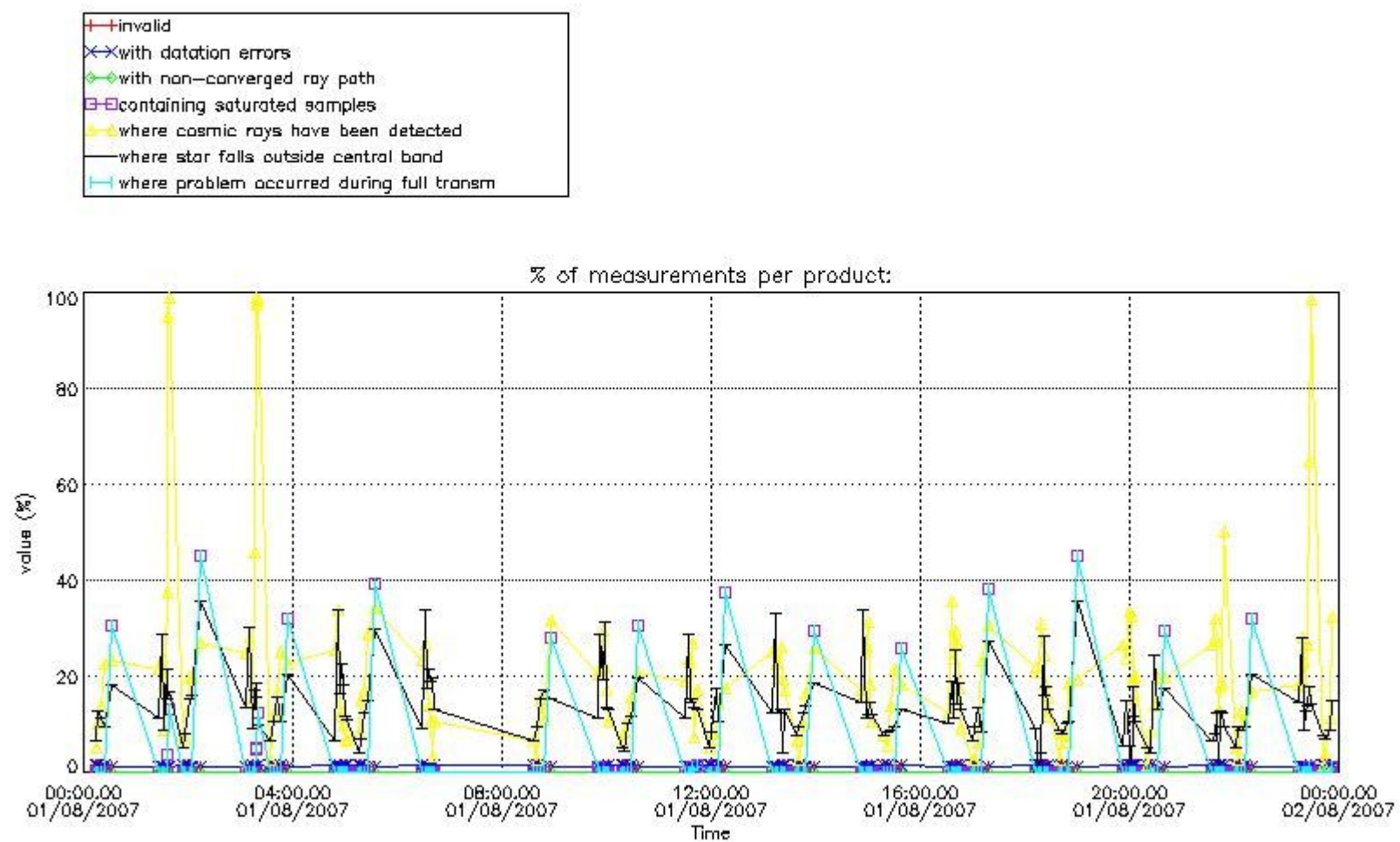
#### 4. Level 1 quality information per product

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.

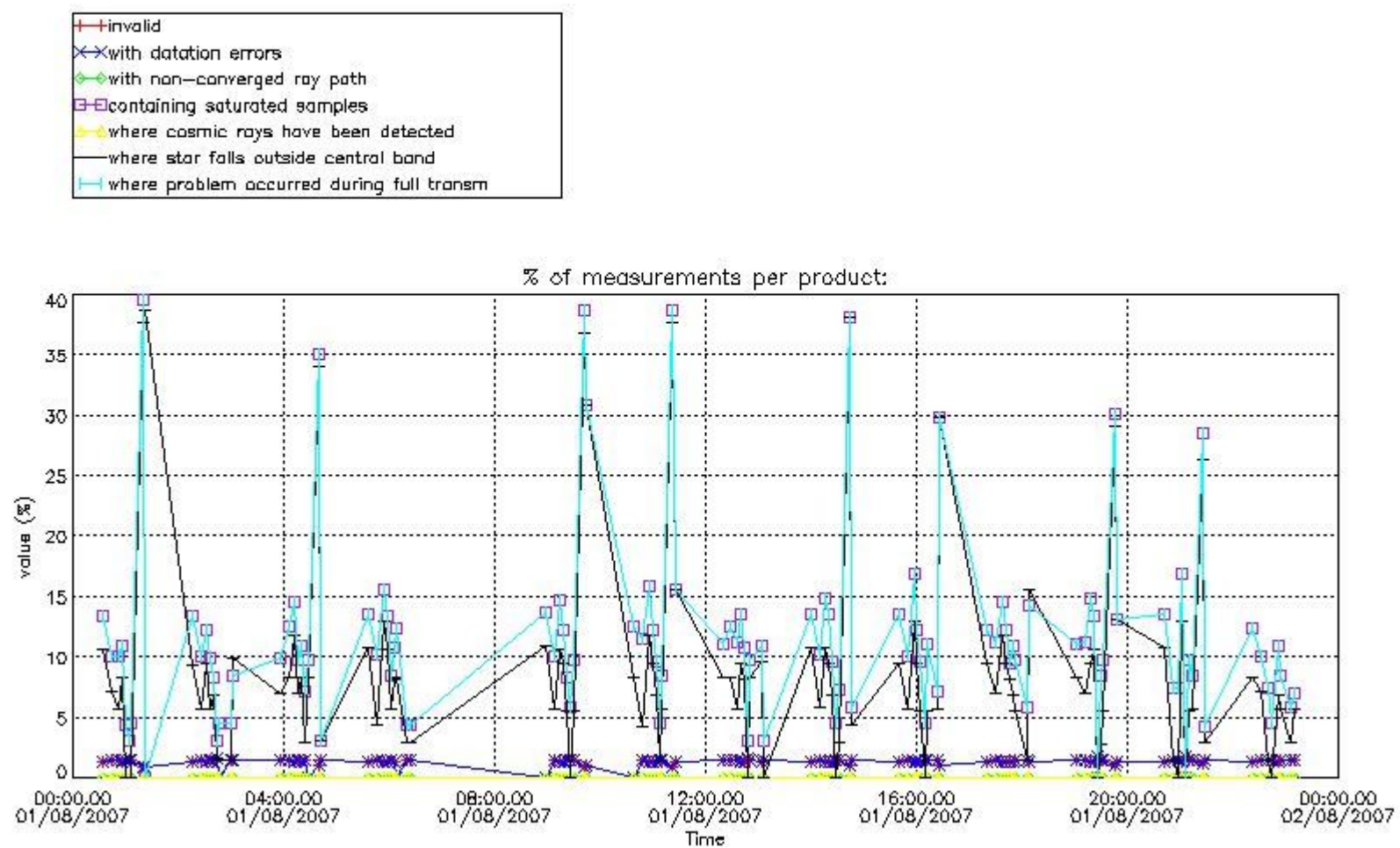
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



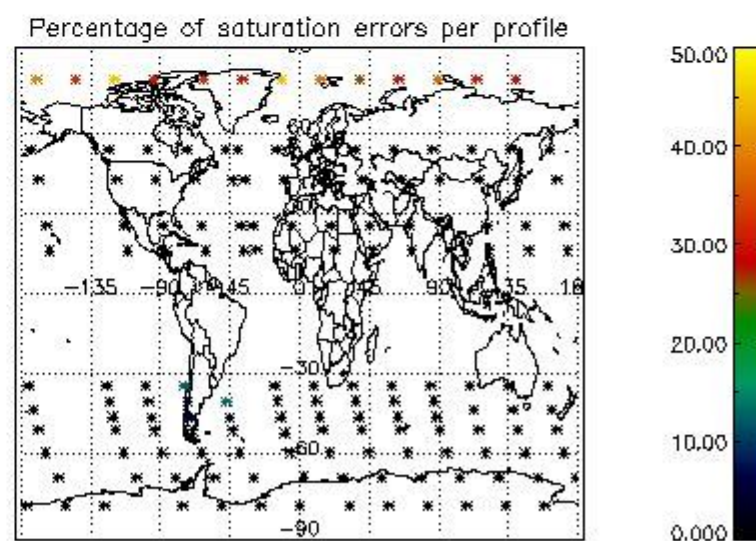
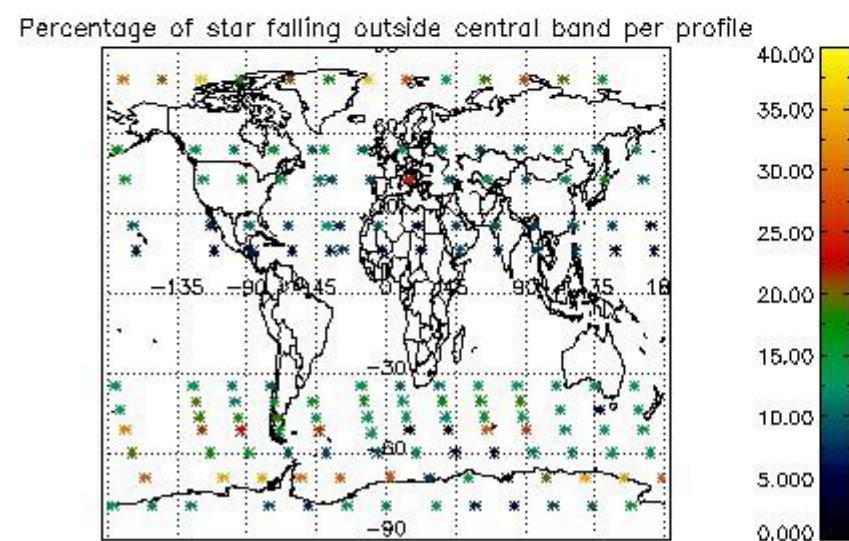
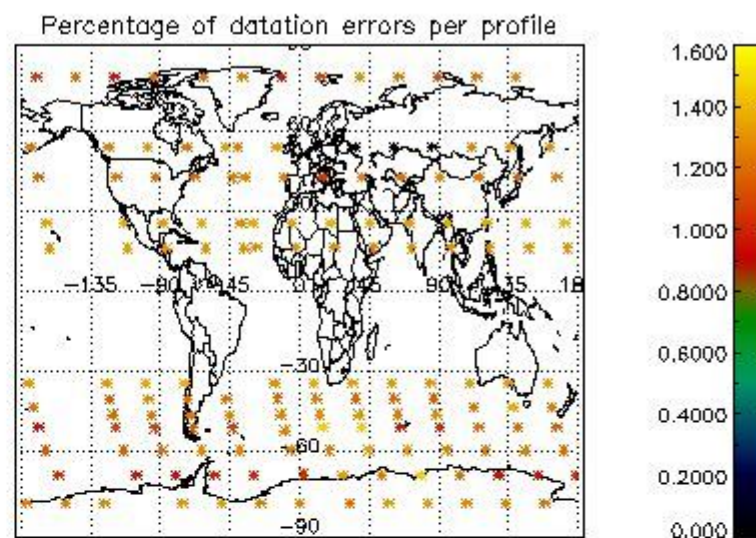
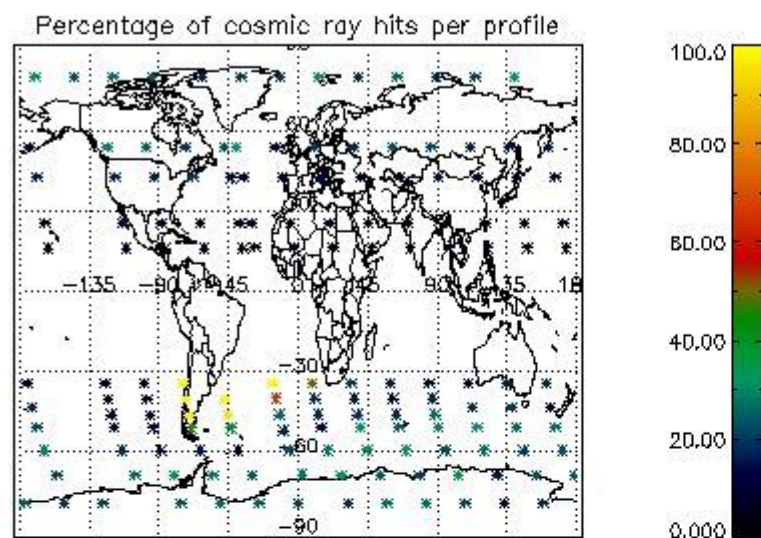


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



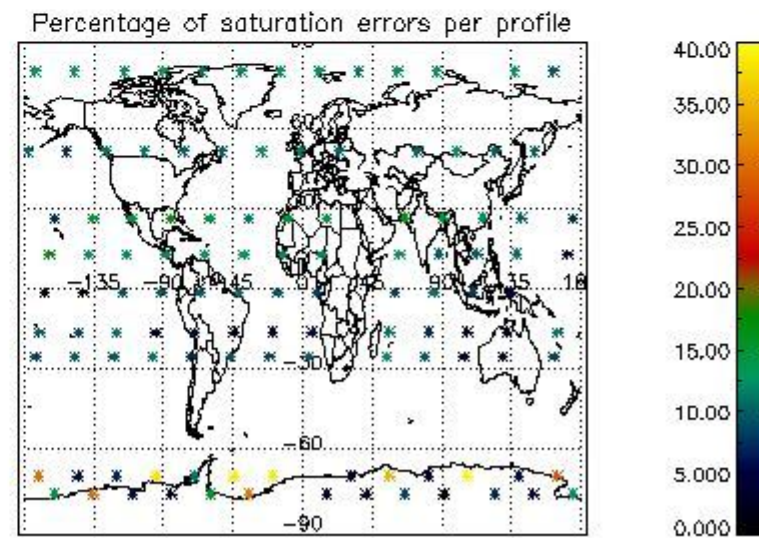
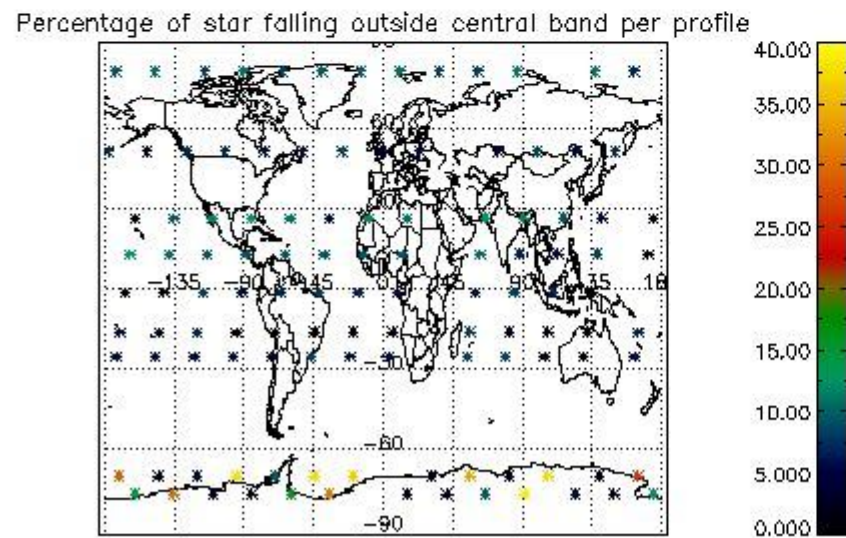
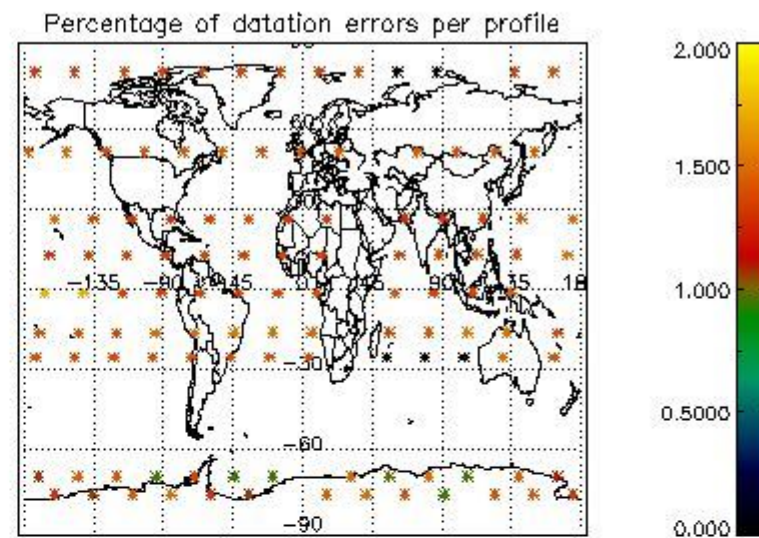
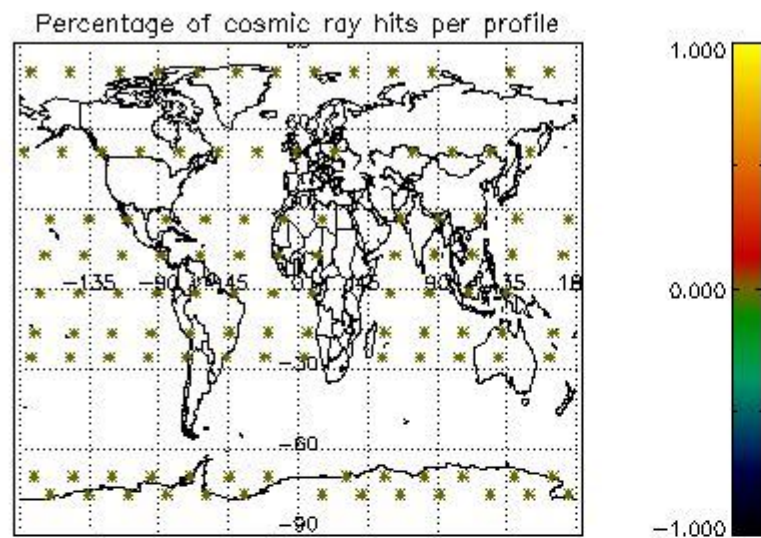
4.2 Plot quality information per product coming from level 1b processing (world map)

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

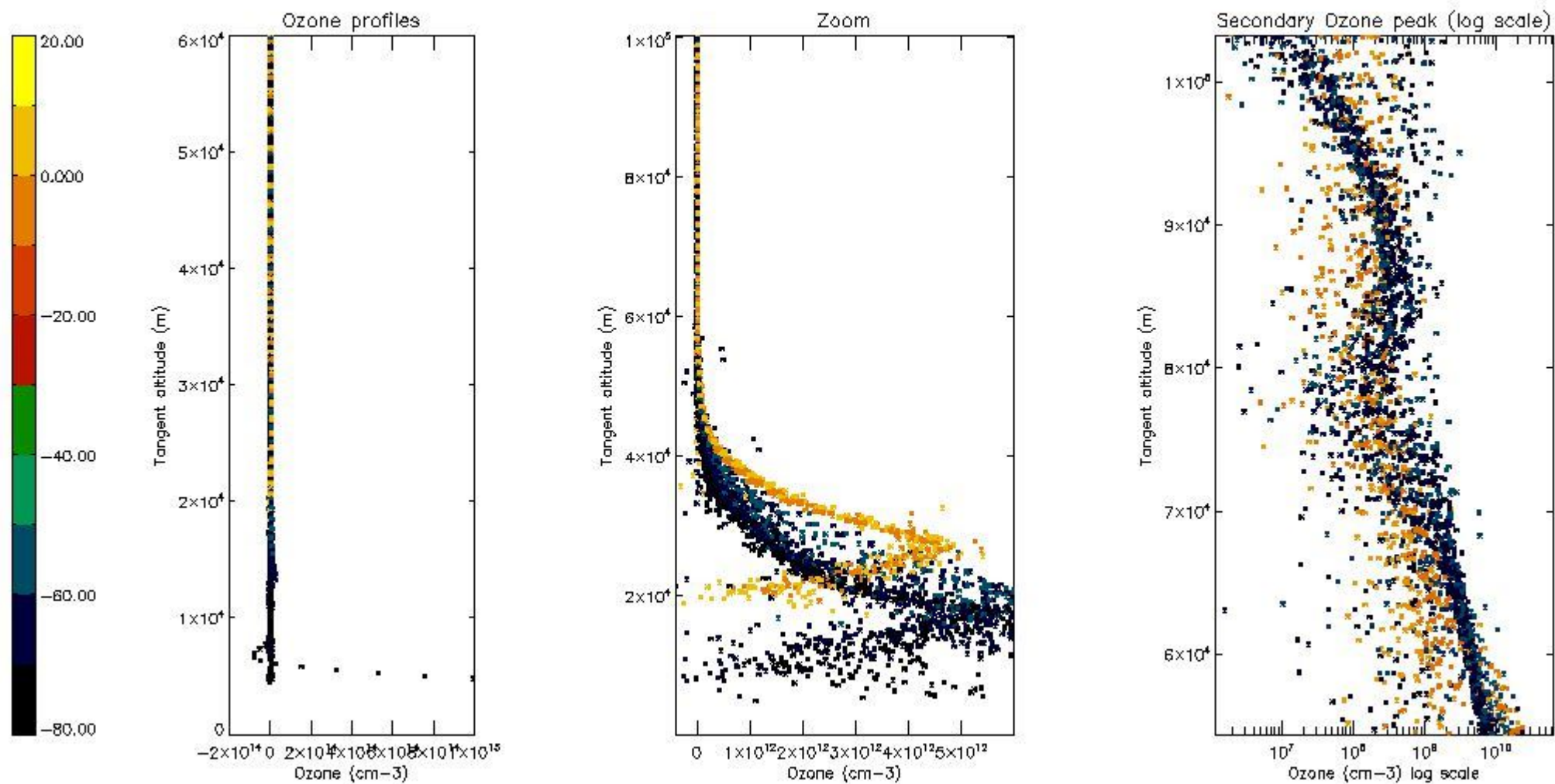
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	40
STD < 20	20

STD < 10	15
STD < 5	10

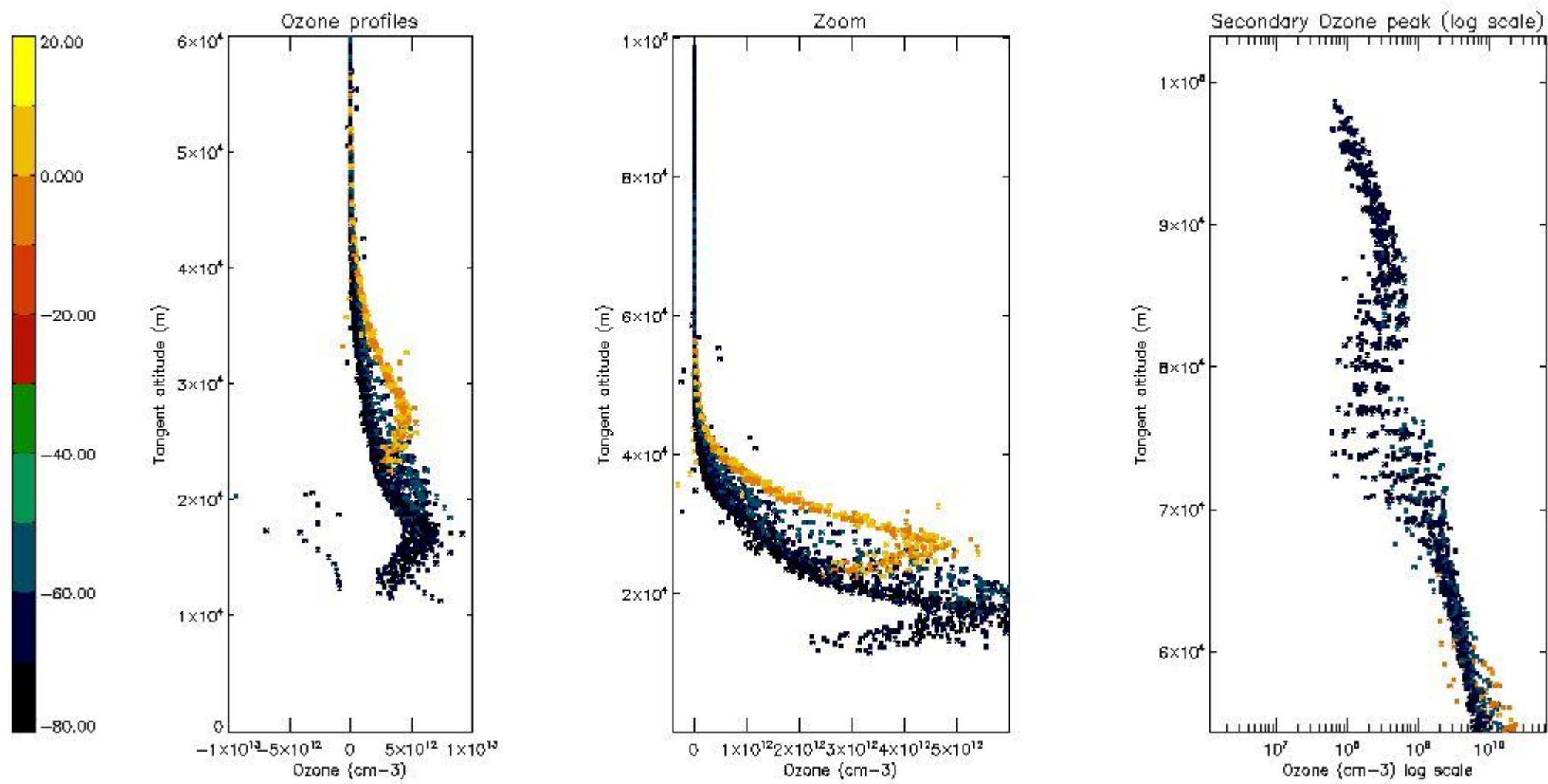
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

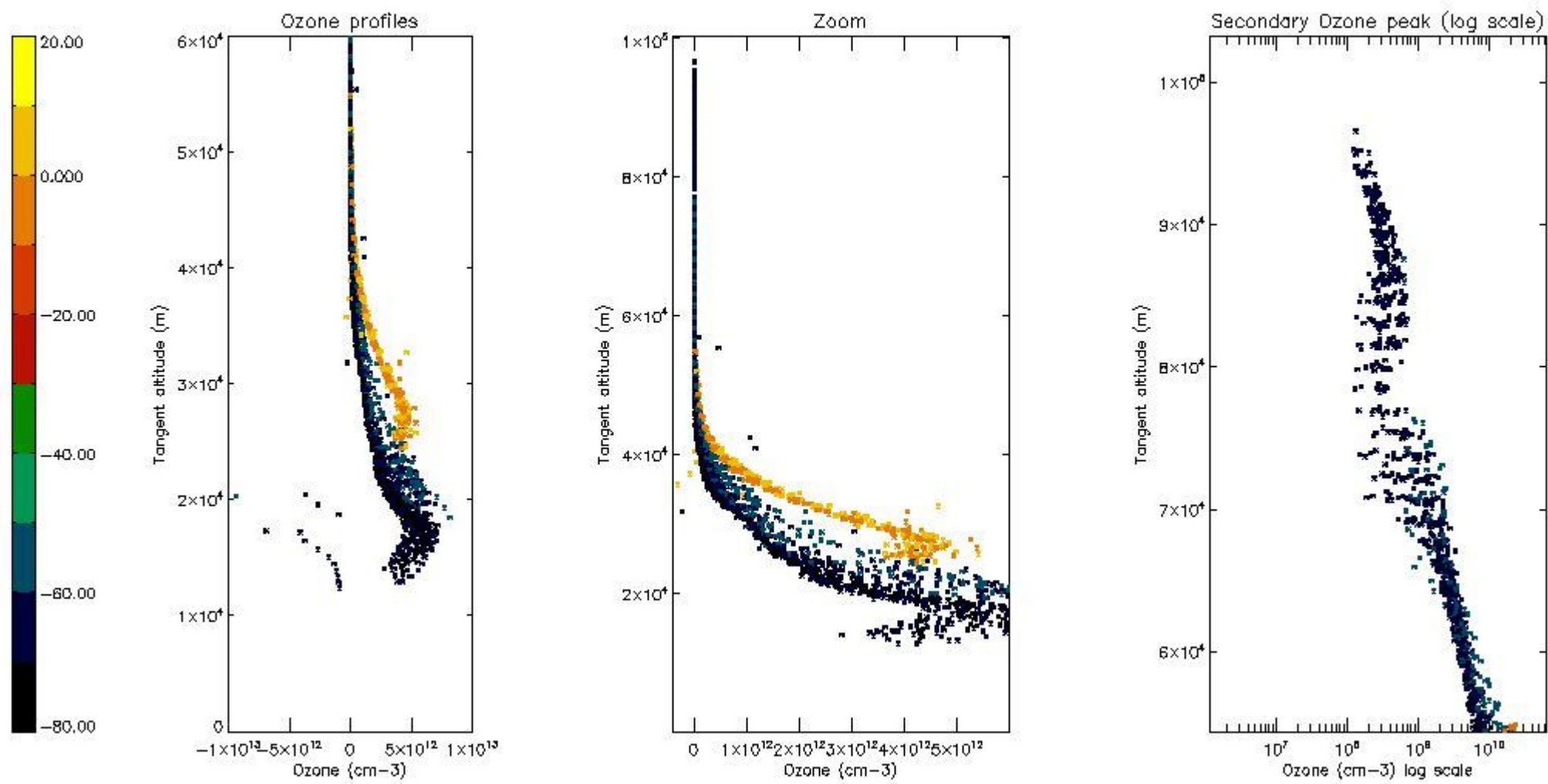
The colorbar represents the latitude.



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

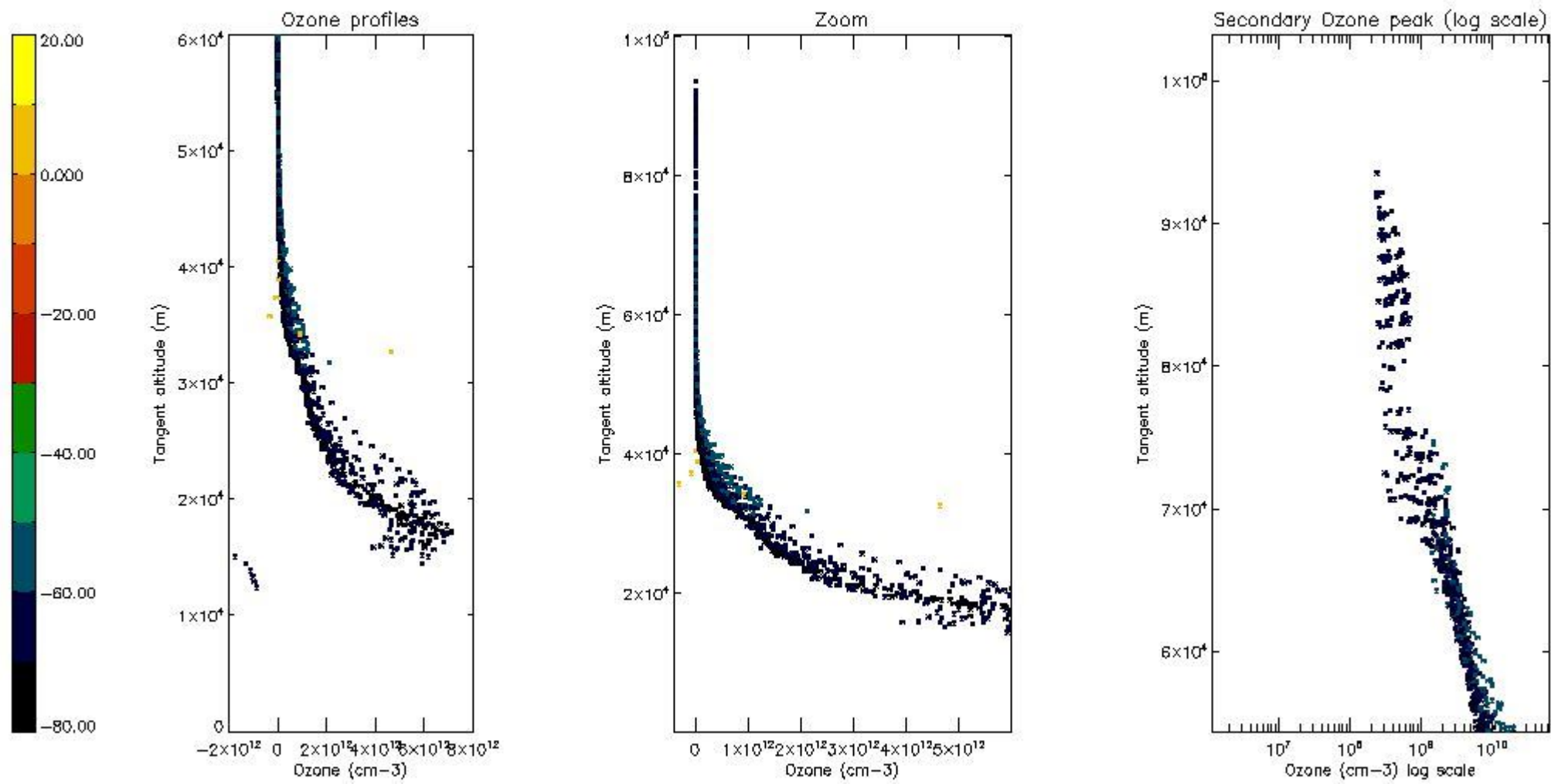
The colorbar represents the latitude.





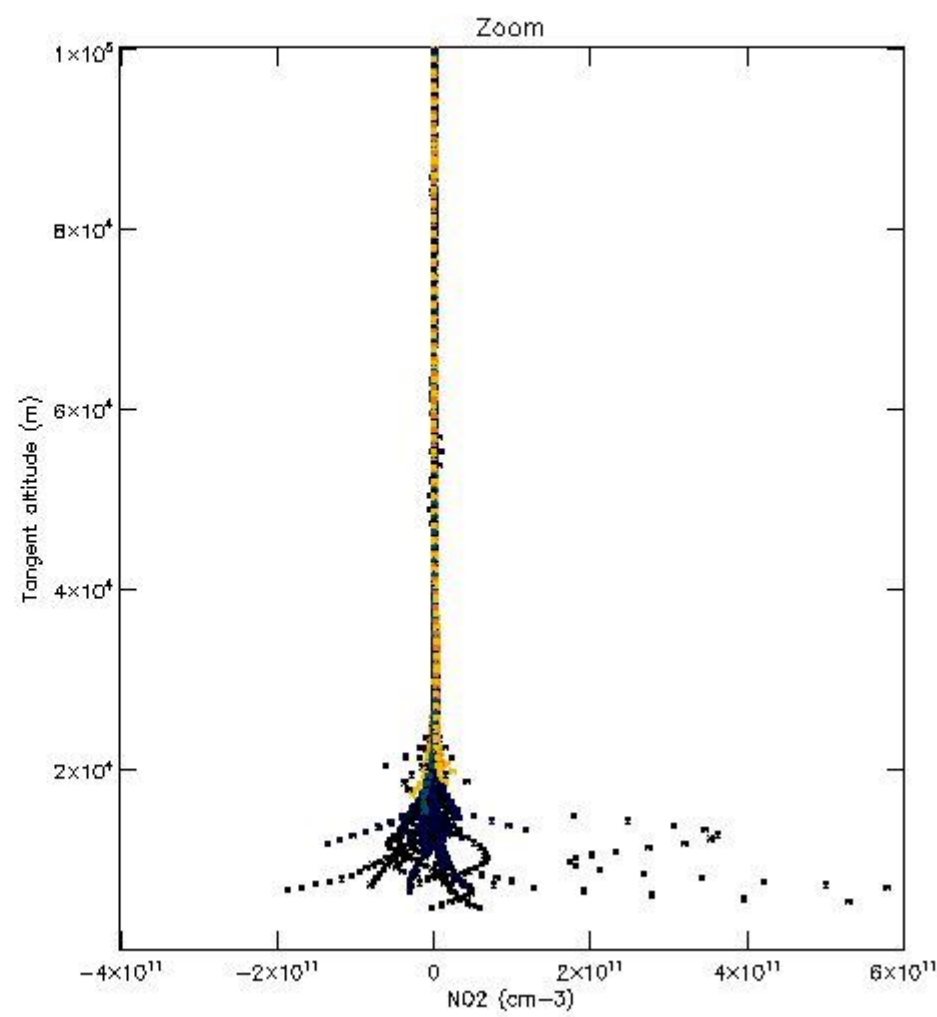
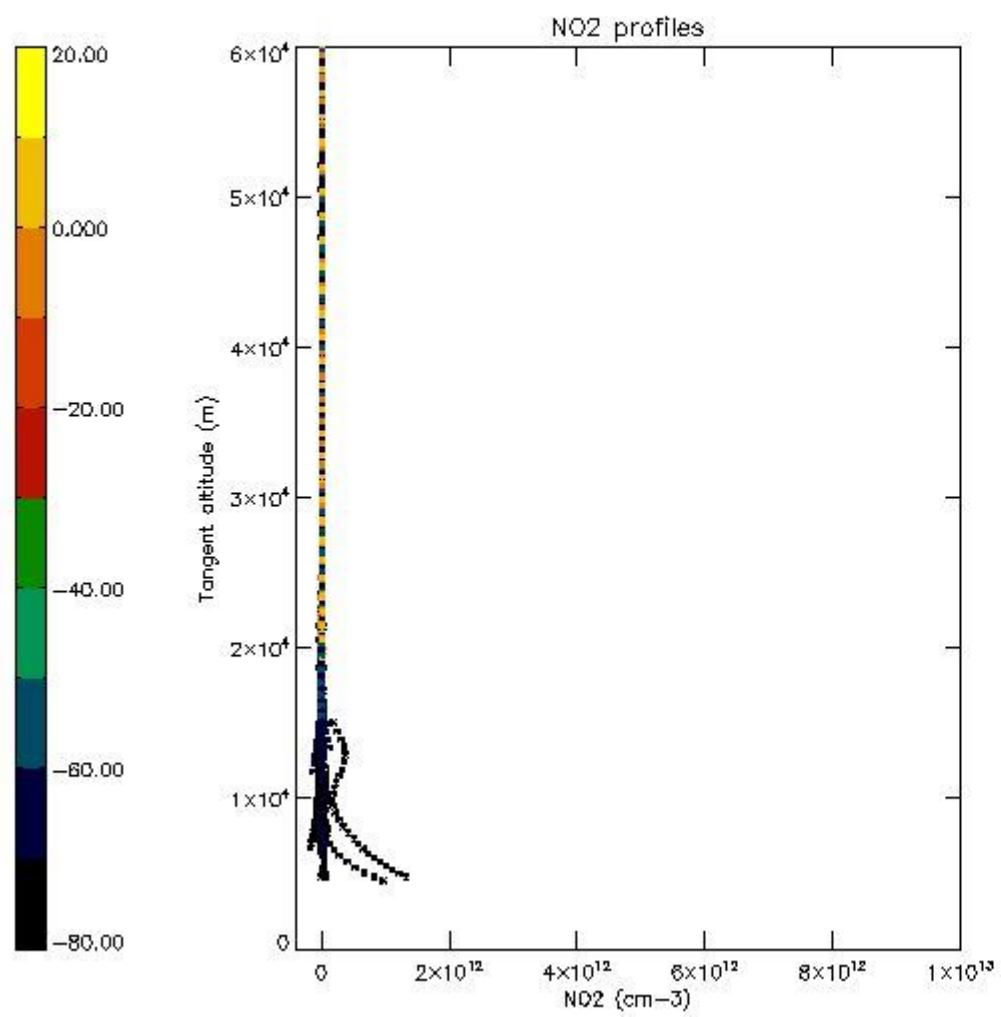
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

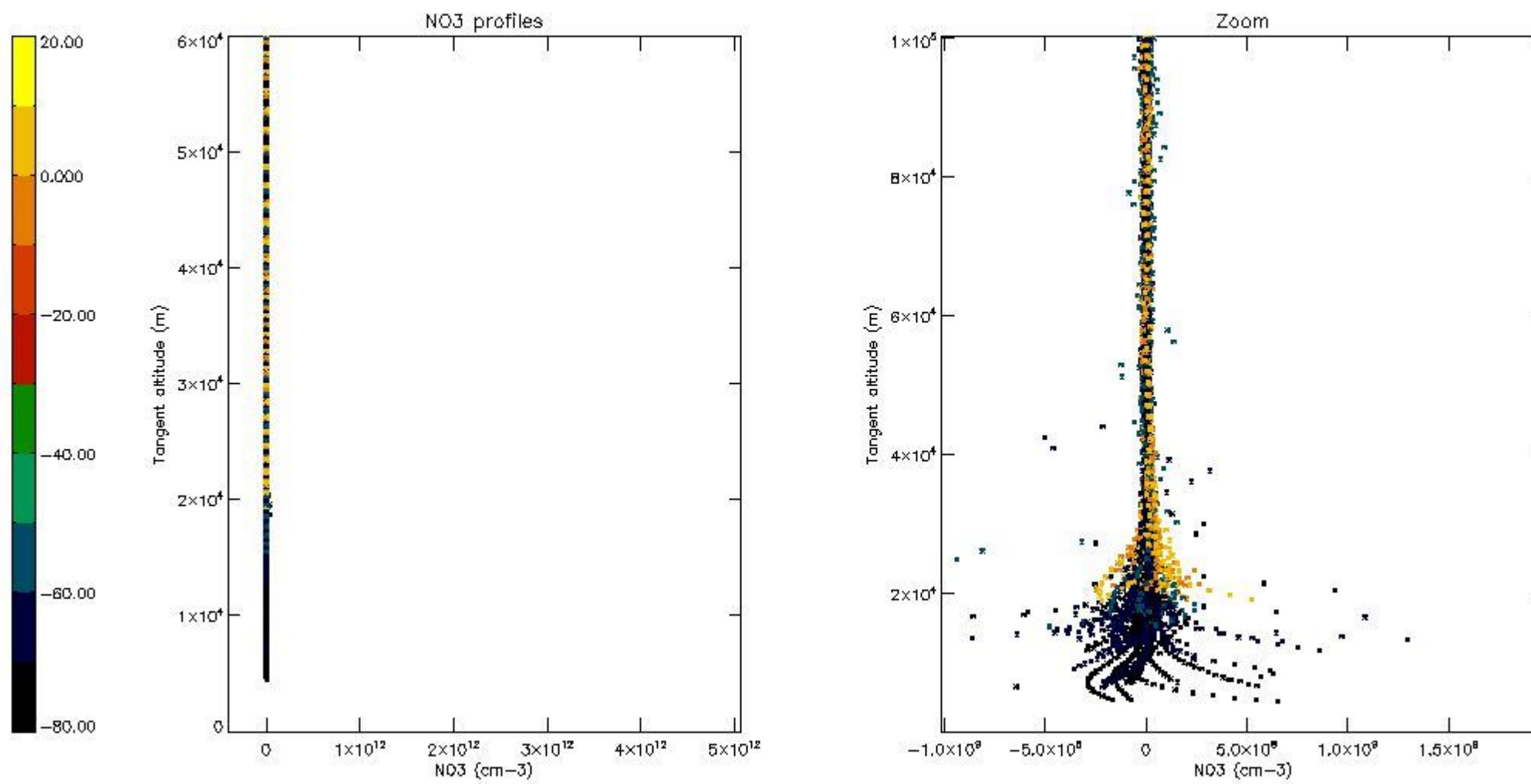
The colorbar represents the latitude.



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

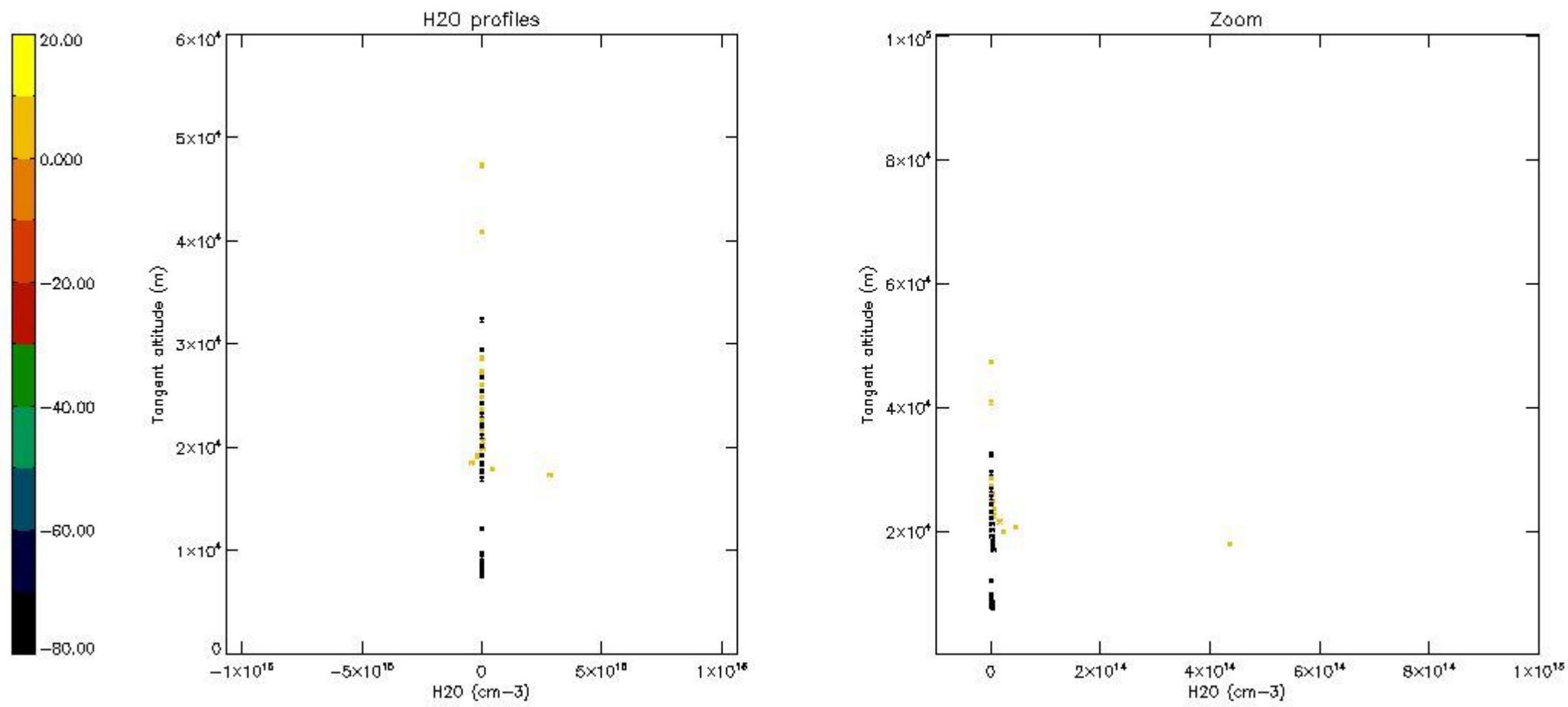
The colorbar represents the latitude.





5.8 Plot H<sub>2</sub>O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	01-AUG-2007 00:13:24
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-AUG-2007 00:13:24
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-AUG-2007 00:13:24

# GOMOS Level 2 Daily Report

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



This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM\_NL\_\_2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

Item	Value
Time of report generation	22APR2013 22:36:22
Data source version	GOMOS/6.01
Start time of products	01-08-2007 (01AUG2007 00:00:00)
Stop time of products	02-08-2007 (02AUG2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	271
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__2PRFIN20070801_001324_000000392060_00217_28327_4233.N1	01-AUG-2007 00:13:24	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28327	No
2	GOM_NL__2PRFIN20070801_001602_000000392060_00217_28327_4234.N1	01-AUG-2007 00:16:02	Dark	39.000	135	Bet Hyi	2.8200	5800.0	78	28327	No
3	GOM_NL__2PRFIN20070801_002053_000000402060_00217_28327_4235.N1	01-AUG-2007 00:20:53	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28327	No
4	GOM_NL__2PRFIN20070801_002407_000000382060_00217_28327_4236.N1	01-AUG-2007 00:24:07	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	28327	No
5	GOM_NL__2PRFIN20070801_003230_000000412060_00217_28327_4237.N1	01-AUG-2007 00:32:30	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	28327	No
6	GOM_NL__2PRFIN20070801_003453_000000382060_00217_28327_4238.N1	01-AUG-2007 00:34:53	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28327	No
7	GOM_NL__2PRFIN20070801_004442_000000352060_00217_28327_4239.N1	01-AUG-2007 00:44:42	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	28327	No
8	GOM_NL__2PRFIN20070801_005147_000000352060_00217_28327_4240.N1	01-AUG-2007 00:51:47	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	28327	No
9	GOM_NL__2PRFIN20070801_005534_000000372060_00217_28327_4241.N1	01-AUG-2007 00:55:34	Bright	36.500	69	33Gam Dra	2.2310	3800.0	73	28327	No
10	GOM_NL__2PRFIN20070801_005932_000000342060_00217_28327_4242.N1	01-AUG-2007 00:59:32	Bright	34.000	119	14Eta Dra	2.7270	4700.0	68	28327	No
11	GOM_NL__2PRFIN20070801_010342_000000332060_00217_28327_4243.N1	01-AUG-2007 01:03:42	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	28327	No
12	GOM_NL__2PRFIN20070801_010619_000000342060_00217_28327_4244.N1	01-AUG-2007 01:06:19	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	28327	No
13	GOM_NL__2PRFIN20070801_011910_000000532060_00217_28327_4245.N1	01-AUG-2007 01:19:10	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	28327	No
14	GOM_NL__2PRFIN20070801_012124_000000532060_00217_28327_4246.N1	01-AUG-2007 01:21:24	Bright	53.000	107	37The Aur	2.6490	11000.	106	28327	No
15	GOM_NL__2PRFIN20070801_012616_000000402060_00217_28327_4247.N1	01-AUG-2007 01:26:16	Twilight	39.500	176	23Zet Tau	3.0200	22000.	79	28327	No
16	GOM_NL__2PRFIN20070801_012955_000000492060_00217_28327_4248.N1	01-AUG-2007 01:29:55	Dark	49.000	14	58Alp Ori	0.87000	3000.0	98	28327	No
17	GOM_NL__2PRFIN20070801_013240_000000402060_00217_28327_4249.N1	01-AUG-2007 01:32:40	Dark	39.500	30	46Eps Ori	1.6940	30000.	79	28327	No
18	GOM_NL__2PRFIN20070801_013508_000000472060_00217_28327_4250.N1	01-AUG-2007 01:35:08	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	28327	No
19	GOM_NL__2PRFIN20070801_013632_000000402060_00217_28327_4251.N1	01-AUG-2007 01:36:32	Dark	39.500	47	2Bet CMa	1.9760	28000.	79	28327	No
20	GOM_NL__2PRFIN20070801_013813_000000422060_00217_28327_4252.N1	01-AUG-2007 01:38:13	Dark	42.000	139	9Bet Lep	2.8330	5600.0	84	28327	No
21	GOM_NL__2PRFIN20070801_015401_000000392060_00218_28328_4244.N1	01-AUG-2007 01:54:01	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28328	No
22	GOM_NL__2PRFIN20070801_015638_000000372060_00218_28328_4245.N1	01-AUG-2007 01:56:38	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28328	No
23	GOM_NL__2PRFIN20070801_020129_000000432060_00218_28328_4246.N1	01-AUG-2007 02:01:29	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	28328	No
24	GOM_NL__2PRFIN20070801_020443_000000412060_00218_28328_4247.N1	01-AUG-2007 02:04:43	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	28328	No
25	GOM_NL__2PRFIN20070801_021306_000000522060_00218_28328_4248.N1	01-AUG-2007 02:13:06	Bright	52.000	103	38Zet Sgr	2.6000	9700.0	104	28328	No
26	GOM_NL__2PRFIN20070801_021529_000000382060_00218_28328_4249.N1	01-AUG-2007 02:15:29	Bright	37.500	155	41Pi Sgr	2.9000	6600.0	75	28328	No
27	GOM_NL__2PRFIN20070801_022518_000000352060_00218_28328_4250.N1	01-AUG-2007 02:25:18	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	28328	No
28	GOM_NL__2PRFIN20070801_023223_000000372060_00218_28328_4251.N1	01-AUG-2007 02:32:23	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	28328	No
29	GOM_NL__2PRFIN20070801_023610_000000362060_00218_28328_4252.N1	01-AUG-2007 02:36:10	Bright	35.500	69	33Gam Dra	2.2310	3800.0	71	28328	No
30	GOM_NL__2PRFIN20070801_024009_000000372060_00218_28328_4253.N1	01-AUG-2007 02:40:09	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28328	No
31	GOM_NL__2PRFIN20070801_024418_000000332060_00218_28328_4254.N1	01-AUG-2007 02:44:18	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	28328	No
32	GOM_NL__2PRFIN20070801_024655_000000342060_00218_28328_4255.N1	01-AUG-2007 02:46:55	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	28328	No
33	GOM_NL__2PRFIN20070801_025946_000000342060_00218_28328_4256.N1	01-AUG-2007 02:59:46	Bright	33.500	42	34Bet Aur	1.9000	10200.	67	28328	No
34	GOM_NL__2PRFIN20070801_030200_000000362060_00218_28328_4257.N1	01-AUG-2007 03:02:00	Bright	35.500	107	37The Aur	2.6490	11000.	71	28328	No
35	GOM_NL__2PRFIN20070801_030652_000000412060_00218_28328_4258.N1	01-AUG-2007 03:06:52	Twilight	40.500	176	23Zet Tau	3.0200	22000.	81	28328	No
36	GOM_NL__2PRFIN20070801_031031_000000502060_00218_28328_4259.N1	01-AUG-2007 03:10:31	Dark	50.000	14	58Alp Ori	0.87000	3000.0	100	28328	No
37	GOM_NL__2PRFIN20070801_031316_000000392060_00218_28328_4260.N1	01-AUG-2007 03:13:16	Dark	39.000	30	46Eps Ori	1.6940	30000.	78	28328	No
38	GOM_NL__2PRFIN20070801_031544_000000442060_00218_28328_4261.N1	01-AUG-2007 03:15:44	Dark	43.500	7	19Bet Ori	0.10000	14000.	87	28328	No
39	GOM_NL__2PRFIN20070801_031708_000000412060_00218_28328_4262.N1	01-AUG-2007 03:17:08	Dark	40.500	47	2Bet CMa	1.9760	28000.	81	28328	No
40	GOM_NL__2PRFIN20070801_031849_000000422060_00218_28328_4263.N1	01-AUG-2007 03:18:49	Dark	41.500	139	9Bet Lep	2.8330	5600.0	83	28328	No
41	GOM_NL__2PRFIN20070801_032029_000000362060_00218_28328_4264.N1	01-AUG-2007 03:20:29	Dark	36.000	177	1Zet CMa	3.0220	26000.	72	28328	No
42	GOM_NL__2PRFIN20070801_033437_000000382060_00219_28329_4266.N1	01-AUG-2007 03:34:37	Dark	38.000	143	Alp Hyi	2.8570	7200.0	76	28329	No

43	GOM_NL__2PRFIN20070801_033714_000000382060_00219_28329_4267.N1	01-AUG-2007 03:37:14	Dark	37.500	135	Bet Hyl	2.8200	5800.0	75	28329	No
44	GOM_NL__2PRFIN20070801_034206_000000422060_00219_28329_4268.N1	01-AUG-2007 03:42:06	Straylight	42.000	148	Alp Tuc	2.8780	4100.0	84	28329	No
45	GOM_NL__2PRFIN20070801_034520_000000382060_00219_28329_4269.N1	01-AUG-2007 03:45:20	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28329	No
46	GOM_NL__2PRFIN20070801_035342_000000422060_00219_28329_4270.N1	01-AUG-2007 03:53:42	Bright	42.000	103	38Zet Sgr	2.6000	9700.0	84	28329	No
47	GOM_NL__2PRFIN20070801_035605_000000362060_00219_28329_4271.N1	01-AUG-2007 03:56:05	Bright	35.500	155	41Pi Sgr	2.9000	6600.0	71	28329	No
48	GOM_NL__2PRFIN20070801_040554_000000362060_00219_28329_4272.N1	01-AUG-2007 04:05:54	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	28329	No
49	GOM_NL__2PRFIN20070801_041259_000000382060_00219_28329_4273.N1	01-AUG-2007 04:12:59	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	28329	No
50	GOM_NL__2PRFIN20070801_041646_000000362060_00219_28329_4274.N1	01-AUG-2007 04:16:46	Bright	36.000	69	33Gam Dra	2.2310	3800.0	72	28329	No
51	GOM_NL__2PRFIN20070801_042045_000000372060_00219_28329_4275.N1	01-AUG-2007 04:20:45	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28329	No
52	GOM_NL__2PRFIN20070801_042455_000000352060_00219_28329_4276.N1	01-AUG-2007 04:24:55	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	28329	No
53	GOM_NL__2PRFIN20070801_042731_000000362060_00219_28329_4277.N1	01-AUG-2007 04:27:31	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28329	No
54	GOM_NL__2PRFIN20070801_044022_000000502060_00219_28329_4278.N1	01-AUG-2007 04:40:22	Bright	50.000	42	34Bet Aur	1.9000	10200.	100	28329	No
55	GOM_NL__2PRFIN20070801_044236_000000342060_00219_28329_4279.N1	01-AUG-2007 04:42:36	Bright	33.500	107	37The Aur	2.6490	11000.	67	28329	No
56	GOM_NL__2PRFIN20070801_044728_000000382060_00219_28329_4280.N1	01-AUG-2007 04:47:28	Tw_i_and_stray	37.500	176	23Zet Tau	3.0200	22000.	75	28329	No
57	GOM_NL__2PRFIN20070801_045108_000000532060_00219_28329_4281.N1	01-AUG-2007 04:51:08	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	28329	No
58	GOM_NL__2PRFIN20070801_045353_000000432060_00219_28329_4282.N1	01-AUG-2007 04:53:53	Dark	42.500	30	46Eps Ori	1.6940	30000.	85	28329	No
59	GOM_NL__2PRFIN20070801_045621_000000472060_00219_28329_4283.N1	01-AUG-2007 04:56:21	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	28329	No
60	GOM_NL__2PRFIN20070801_045744_000000412060_00219_28329_4284.N1	01-AUG-2007 04:57:44	Dark	41.000	47	2Bet CMa	1.9760	28000.	82	28329	No
61	GOM_NL__2PRFIN20070801_045926_000000392060_00219_28329_4285.N1	01-AUG-2007 04:59:26	Dark	39.000	139	9Bet Lep	2.8330	5600.0	78	28329	No
62	GOM_NL__2PRFIN20070801_050106_000000372060_00219_28329_4286.N1	01-AUG-2007 05:01:06	Dark	37.000	177	1Zet CMa	3.0220	26000.	74	28329	No
63	GOM_NL__2PRFIN20070801_051514_000000382060_00220_28330_4282.N1	01-AUG-2007 05:15:14	Dark	37.500	143	Alp Hyi	2.8570	7200.0	75	28330	No
64	GOM_NL__2PRFIN20070801_051751_000000372060_00220_28330_4283.N1	01-AUG-2007 05:17:51	Dark	36.500	135	Bet Hyl	2.8200	5800.0	73	28330	No
65	GOM_NL__2PRFIN20070801_052242_000000412060_00220_28330_4284.N1	01-AUG-2007 05:22:42	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28330	No
66	GOM_NL__2PRFIN20070801_052556_000000402060_00220_28330_4285.N1	01-AUG-2007 05:25:56	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	28330	No
67	GOM_NL__2PRFIN20070801_053418_000000472060_00220_28330_4286.N1	01-AUG-2007 05:34:18	Bright	47.000	103	38Zet Sgr	2.6000	9700.0	94	28330	No
68	GOM_NL__2PRFIN20070801_053641_000000372060_00220_28330_4287.N1	01-AUG-2007 05:36:41	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28330	No
69	GOM_NL__2PRFIN20070801_054631_000000352060_00220_28330_4288.N1	01-AUG-2007 05:46:31	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	28330	No
70	GOM_NL__2PRFIN20070801_055335_000000392060_00220_28330_4289.N1	01-AUG-2007 05:53:35	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	28330	No
71	GOM_NL__2PRFIN20070801_055722_000000382060_00220_28330_4290.N1	01-AUG-2007 05:57:22	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	28330	No
72	GOM_NL__2PRFIN20070801_060121_000000362060_00220_28330_4291.N1	01-AUG-2007 06:01:21	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	28330	No
73	GOM_NL__2PRFIN20070801_060531_000000372060_00220_28330_4292.N1	01-AUG-2007 06:05:31	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	28330	No
74	GOM_NL__2PRFIN20070801_060807_000000372060_00220_28330_4293.N1	01-AUG-2007 06:08:07	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28330	No
75	GOM_NL__2PRFIN20070801_062058_000000342060_00220_28330_4294.N1	01-AUG-2007 06:20:58	Bright	34.000	42	34Bet Aur	1.9000	10200.	68	28330	No
76	GOM_NL__2PRFIN20070801_062312_000000352060_00220_28330_4295.N1	01-AUG-2007 06:23:12	Bright	34.500	107	37The Aur	2.6490	11000.	69	28330	No
77	GOM_NL__2PRFIN20070801_062805_000000392060_00220_28330_4296.N1	01-AUG-2007 06:28:05	Tw_i_and_stray	38.500	176	23Zet Tau	3.0200	22000.	77	28330	No
78	GOM_NL__2PRFIN20070801_063144_000000532060_00220_28330_4297.N1	01-AUG-2007 06:31:44	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	28330	No
79	GOM_NL__2PRFIN20070801_063429_000000432060_00220_28330_4298.N1	01-AUG-2007 06:34:29	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	28330	No
80	GOM_NL__2PRFIN20070801_063657_000000472060_00220_28330_4299.N1	01-AUG-2007 06:36:57	Dark	46.500	7	19Bet Ori	0.10000	14000.	93	28330	No
81	GOM_NL__2PRFIN20070801_063821_000000422060_00220_28330_4300.N1	01-AUG-2007 06:38:21	Dark	42.000	47	2Bet CMa	1.9760	28000.	84	28330	No
82	GOM_NL__2PRFIN20070801_064002_000000442060_00220_28330_4301.N1	01-AUG-2007 06:40:02	Dark	43.500	139	9Bet Lep	2.8330	5600.0	87	28330	No
83	GOM_NL__2PRFIN20070801_064142_000000382060_00220_28330_4302.N1	01-AUG-2007 06:41:42	Dark	38.000	177	1Zet CMa	3.0220	26000.	76	28330	No
84	GOM_NL__2PRFIN20070801_083627_000000392060_00222_28332_4312.N1	01-AUG-2007 08:36:27	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28332	No
85	GOM_NL__2PRFIN20070801_083903_000000382060_00222_28332_4313.N1	01-AUG-2007 08:39:03	Dark	37.500	135	Bet Hyl	2.8200	5800.0	75	28332	No
86	GOM_NL__2PRFIN20070801_084355_000000432060_00222_28332_4314.N1	01-AUG-2007 08:43:55	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	28332	No
87	GOM_NL__2PRFIN20070801_084708_000000412060_00222_28332_4315.N1	01-AUG-2007 08:47:08	Straylight	41.000	45	Alp Pav	1.9400	26000.	82	28332	No
88	GOM_NL__2PRFIN20070801_085531_000000402060_00222_28332_4316.N1	01-AUG-2007 08:55:31	Bright	39.500	103	38Zet Sgr	2.6000	9700.0	79	28332	No
89	GOM_NL__2PRFIN20070801_085753_000000372060_00222_28332_4317.N1	01-AUG-2007 08:57:53	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	28332	No
90	GOM_NL__2PRFIN20070801_090742_000000352060_00222_28332_4318.N1	01-AUG-2007 09:07:42	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	28332	No
91	GOM_NL__2PRFIN20070801_091447_000000382060_00222_28332_4319.N1	01-AUG-2007 09:14:47	Bright	37.500	5	3Alp Lyr	0.033000	11000.	75	28332	No
92	GOM_NL__2PRFIN20070801_091834_000000372060_00222_28332_4320.N1	01-AUG-2007 09:18:34	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28332	No
93	GOM_NL__2PRFIN20070801_092234_000000362060_00222_28332_4321.N1	01-AUG-2007 09:22:34	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	28332	No
94	GOM_NL__2PRFIN20070801_092643_000000342060_00222_28332_4322.N1	01-AUG-2007 09:26:43	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	28332	No
95	GOM_NL__2PRFIN20070801_092919_000000362060_00222_28332_4323.N1	01-AUG-2007 09:29:19	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28332	No
96	GOM_NL__2PRFIN20070801_094210_000000532060_00222_28332_4324.N1	01-AUG-2007 09:42:10	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	28332	No
97	GOM_NL__2PRFIN20070801_094424_000000472060_00222_28332_4325.N1	01-AUG-2007 09:44:24	Bright	47.000	107	37The Aur	2.6490	11000.	94	28332	No
98	GOM_NL__2PRFIN20070801_094917_000000402060_00222_28332_4326.N1	01-AUG-2007 09:49:17	Tw_i_and_stray	39.500	176	23Zet Tau	3.0200	22000.	79	28332	No
99	GOM_NL__2PRFIN20070801_095256_000000492060_00222_28332_4327.N1	01-AUG-2007 09:52:56	Dark	49.000	14	58Alp Ori	0.87000	3000.0	98	28332	No
100	GOM_NL__2PRFIN20070801_095541_000000442060_00222_28332_4328.N1	01-AUG-2007 09:55:41	Dark	44.000	30	46Eps Ori	1.6940	30000.	88	28332	No
101	GOM_NL__2PRFIN20070801_095810_000000532060_00222_28332_4329.N1	01-AUG-2007 09:58:10	Dark	53.000	7	19Bet Ori	0.10000	14000.	106	28332	No

102	GOM_NL__2PRFIN20070801_100021_000000412060_00222_28332_4330.N1	01-AUG-2007 10:00:21	Dark	41.000	101	11Alp Lep	2.5820	7000.0	82	28332	No
103	GOM_NL__2PRFIN20070801_100254_000000382060_00222_28332_4331.N1	01-AUG-2007 10:02:54	Dark	38.000	177	1Zet CMa	3.0220	26000.	76	28332	No
104	GOM_NL__2PRFIN20070801_101704_000000392060_00223_28333_4338.N1	01-AUG-2007 10:17:04	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28333	No
105	GOM_NL__2PRFIN20070801_101939_000000362060_00223_28333_4339.N1	01-AUG-2007 10:19:39	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	28333	No
106	GOM_NL__2PRFIN20070801_102431_000000402060_00223_28333_4340.N1	01-AUG-2007 10:24:31	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28333	No
107	GOM_NL__2PRFIN20070801_102745_000000392060_00223_28333_4341.N1	01-AUG-2007 10:27:45	Straylight	38.500	45	Alp Pav	1.9400	26000.	77	28333	No
108	GOM_NL__2PRFIN20070801_103607_000000412060_00223_28333_4342.N1	01-AUG-2007 10:36:07	Bright	41.000	103	38Zet Sgr	2.6000	9700.0	82	28333	No
109	GOM_NL__2PRFIN20070801_103829_000000362060_00223_28333_4343.N1	01-AUG-2007 10:38:29	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	28333	No
110	GOM_NL__2PRFIN20070801_104818_000000352060_00223_28333_4344.N1	01-AUG-2007 10:48:18	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	28333	No
111	GOM_NL__2PRFIN20070801_105523_000000382060_00223_28333_4345.N1	01-AUG-2007 10:55:23	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	28333	No
112	GOM_NL__2PRFIN20070801_105910_000000372060_00223_28333_4346.N1	01-AUG-2007 10:59:10	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28333	No
113	GOM_NL__2PRFIN20070801_110310_000000372060_00223_28333_4347.N1	01-AUG-2007 11:03:10	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28333	No
114	GOM_NL__2PRFIN20070801_110720_000000332060_00223_28333_4348.N1	01-AUG-2007 11:07:20	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	28333	No
115	GOM_NL__2PRFIN20070801_110954_000000362060_00223_28333_4349.N1	01-AUG-2007 11:09:54	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28333	No
116	GOM_NL__2PRFIN20070801_112245_000000532060_00223_28333_4350.N1	01-AUG-2007 11:22:45	Bright	53.000	42	34Bet Aur	1.9000	10200.	106	28333	No
117	GOM_NL__2PRFIN20070801_112500_000000392060_00223_28333_4351.N1	01-AUG-2007 11:25:00	Bright	38.500	107	37The Aur	2.6490	11000.	77	28333	No
118	GOM_NL__2PRFIN20070801_112953_000000402060_00223_28333_4352.N1	01-AUG-2007 11:29:53	Twi_and_stray	40.000	176	23Zet Tau	3.0200	22000.	80	28333	No
119	GOM_NL__2PRFIN20070801_113333_000000492060_00223_28333_4353.N1	01-AUG-2007 11:33:33	Dark	49.000	14	58Alp Ori	0.87000	3000.0	98	28333	No
120	GOM_NL__2PRFIN20070801_113618_000000422060_00223_28333_4354.N1	01-AUG-2007 11:36:18	Dark	41.500	30	46Eps Ori	1.6940	30000.	83	28333	No
121	GOM_NL__2PRFIN20070801_113846_000000432060_00223_28333_4355.N1	01-AUG-2007 11:38:46	Dark	43.000	7	19Bet Ori	0.10000	14000.	86	28333	No
122	GOM_NL__2PRFIN20070801_114057_000000412060_00223_28333_4356.N1	01-AUG-2007 11:40:57	Dark	40.500	101	11Alp Lep	2.5820	7000.0	81	28333	No
123	GOM_NL__2PRFIN20070801_114330_000000382060_00223_28333_4357.N1	01-AUG-2007 11:43:30	Dark	38.000	177	1Zet CMa	3.0220	26000.	76	28333	No
124	GOM_NL__2PRFIN20070801_115740_000000392060_00224_28334_4354.N1	01-AUG-2007 11:57:40	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28334	No
125	GOM_NL__2PRFIN20070801_120015_000000372060_00224_28334_4355.N1	01-AUG-2007 12:00:15	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	28334	No
126	GOM_NL__2PRFIN20070801_120508_000000432060_00224_28334_4356.N1	01-AUG-2007 12:05:08	Straylight	43.000	148	Alp Tuc	2.8780	4100.0	86	28334	No
127	GOM_NL__2PRFIN20070801_120821_000000382060_00224_28334_4357.N1	01-AUG-2007 12:08:21	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28334	No
128	GOM_NL__2PRFIN20070801_121643_000000462060_00224_28334_4358.N1	01-AUG-2007 12:16:43	Bright	45.500	103	38Zet Sgr	2.6000	9700.0	91	28334	No
129	GOM_NL__2PRFIN20070801_121905_000000362060_00224_28334_4359.N1	01-AUG-2007 12:19:05	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	28334	No
130	GOM_NL__2PRFIN20070801_122854_000000362060_00224_28334_4360.N1	01-AUG-2007 12:28:54	Bright	36.000	168	17Zet Aql	2.9860	11000.	72	28334	No
131	GOM_NL__2PRFIN20070801_123559_000000362060_00224_28334_4361.N1	01-AUG-2007 12:35:59	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	28334	No
132	GOM_NL__2PRFIN20070801_123946_000000372060_00224_28334_4362.N1	01-AUG-2007 12:39:46	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28334	No
133	GOM_NL__2PRFIN20070801_124346_000000372060_00224_28334_4363.N1	01-AUG-2007 12:43:46	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	28334	No
134	GOM_NL__2PRFIN20070801_124756_000000332060_00224_28334_4364.N1	01-AUG-2007 12:47:56	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	28334	No
135	GOM_NL__2PRFIN20070801_125030_000000362060_00224_28334_4365.N1	01-AUG-2007 12:50:30	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28334	No
136	GOM_NL__2PRFIN20070801_130322_000000372060_00224_28334_4366.N1	01-AUG-2007 13:03:22	Bright	36.500	42	34Bet Aur	1.9000	10200.	73	28334	No
137	GOM_NL__2PRFIN20070801_130536_000000342060_00224_28334_4367.N1	01-AUG-2007 13:05:36	Bright	33.500	107	37The Aur	2.6490	11000.	67	28334	No
138	GOM_NL__2PRFIN20070801_131029_000000402060_00224_28334_4368.N1	01-AUG-2007 13:10:29	Twi_and_stray	40.000	176	23Zet Tau	3.0200	22000.	80	28334	No
139	GOM_NL__2PRFIN20070801_131408_000000532060_00224_28334_4369.N1	01-AUG-2007 13:14:08	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	28334	No
140	GOM_NL__2PRFIN20070801_131654_000000412060_00224_28334_4370.N1	01-AUG-2007 13:16:54	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	28334	No
141	GOM_NL__2PRFIN20070801_131922_000000422060_00224_28334_4371.N1	01-AUG-2007 13:19:22	Dark	42.000	7	19Bet Ori	0.10000	14000.	84	28334	No
142	GOM_NL__2PRFIN20070801_132133_000000372060_00224_28334_4372.N1	01-AUG-2007 13:21:33	Dark	36.500	101	11Alp Lep	2.5820	7000.0	73	28334	No
143	GOM_NL__2PRFIN20070801_132406_000000382060_00224_28334_4373.N1	01-AUG-2007 13:24:06	Dark	38.000	177	1Zet CMa	3.0220	26000.	76	28334	No
144	GOM_NL__2PRFIN20070801_133816_000000392060_00225_28335_4370.N1	01-AUG-2007 13:38:16	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28335	No
145	GOM_NL__2PRFIN20070801_134051_000000372060_00225_28335_4371.N1	01-AUG-2007 13:40:51	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28335	No
146	GOM_NL__2PRFIN20070801_134544_000000412060_00225_28335_4372.N1	01-AUG-2007 13:45:44	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28335	No
147	GOM_NL__2PRFIN20070801_134857_000000402060_00225_28335_4373.N1	01-AUG-2007 13:48:57	Straylight	39.500	45	Alp Pav	1.9400	26000.	79	28335	No
148	GOM_NL__2PRFIN20070801_135719_000000412060_00225_28335_4374.N1	01-AUG-2007 13:57:19	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	28335	No
149	GOM_NL__2PRFIN20070801_135941_000000372060_00225_28335_4375.N1	01-AUG-2007 13:59:41	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28335	No
150	GOM_NL__2PRFIN20070801_140930_000000352060_00225_28335_4376.N1	01-AUG-2007 14:09:30	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	28335	No
151	GOM_NL__2PRFIN20070801_141635_000000372060_00225_28335_4377.N1	01-AUG-2007 14:16:35	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	28335	No
152	GOM_NL__2PRFIN20070801_142023_000000372060_00225_28335_4378.N1	01-AUG-2007 14:20:23	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28335	No
153	GOM_NL__2PRFIN20070801_142423_000000372060_00225_28335_4379.N1	01-AUG-2007 14:24:23	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28335	No
154	GOM_NL__2PRFIN20070801_142832_000000342060_00225_28335_4380.N1	01-AUG-2007 14:28:32	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	28335	No
155	GOM_NL__2PRFIN20070801_143106_000000352060_00225_28335_4381.N1	01-AUG-2007 14:31:06	Bright	34.500	49	1Alp UMi	1.9900	6300.0	69	28335	No
156	GOM_NL__2PRFIN20070801_144358_000000532060_00225_28335_4382.N1	01-AUG-2007 14:43:58	Bright	52.500	42	34Bet Aur	1.9000	10200.	105	28335	No
157	GOM_NL__2PRFIN20070801_144612_000000352060_00225_28335_4383.N1	01-AUG-2007 14:46:12	Bright	34.500	107	37The Aur	2.6490	11000.	69	28335	No
158	GOM_NL__2PRFIN20070801_145105_000000412060_00225_28335_4384.N1	01-AUG-2007 14:51:05	Twi_and_stray	41.000	176	23Zet Tau	3.0200	22000.	82	28335	No
159	GOM_NL__2PRFIN20070801_145445_000000532060_00225_28335_4385.N1	01-AUG-2007 14:54:45	Dark	53.000	14	58Alp Ori	0.87000	3000.0	106	28335	No
160	GOM_NL__2PRFIN20070801_145730_000000402060_00225_28335_4386.N1	01-AUG-2007 14:57:30	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	28335	No



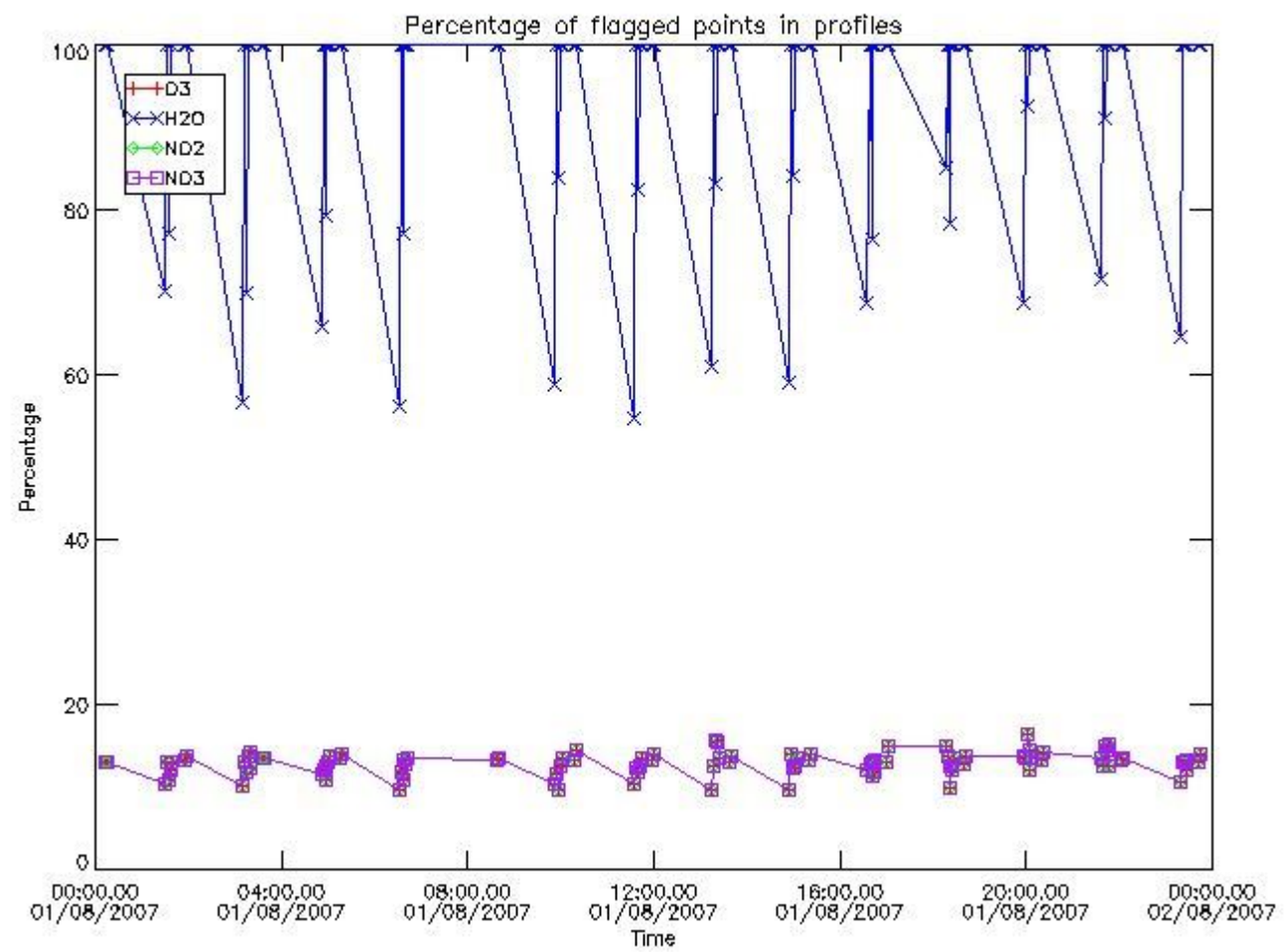
161	GOM_NL__2PRFIN20070801_145959_000000422060_00225_28335_4387.N1	01-AUG-2007 14:59:59	Dark	41.500	7	19Bet Ori	0.10000	14000.	83	28335	No
162	GOM_NL__2PRFIN20070801_150210_000000412060_00225_28335_4388.N1	01-AUG-2007 15:02:10	Dark	41.000	101	11Alp Lep	2.5820	7000.0	82	28335	No
163	GOM_NL__2PRFIN20070801_150442_000000382060_00225_28335_4389.N1	01-AUG-2007 15:04:42	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	28335	No
164	GOM_NL__2PRFIN20070801_151853_000000392060_00226_28336_4386.N1	01-AUG-2007 15:18:53	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28336	No
165	GOM_NL__2PRFIN20070801_152127_000000372060_00226_28336_4387.N1	01-AUG-2007 15:21:27	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	28336	No
166	GOM_NL__2PRFIN20070801_152620_000000402060_00226_28336_4388.N1	01-AUG-2007 15:26:20	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28336	No
167	GOM_NL__2PRFIN20070801_152933_000000372060_00226_28336_4389.N1	01-AUG-2007 15:29:33	Straylight	37.000	45	Alp Pav	1.9400	26000.	74	28336	No
168	GOM_NL__2PRFIN20070801_153755_000000392060_00226_28336_4390.N1	01-AUG-2007 15:37:55	Bright	38.500	103	38Zet Sgr	2.6000	9700.0	77	28336	No
169	GOM_NL__2PRFIN20070801_154018_000000372060_00226_28336_4391.N1	01-AUG-2007 15:40:18	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28336	No
170	GOM_NL__2PRFIN20070801_155006_000000352060_00226_28336_4392.N1	01-AUG-2007 15:50:06	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	28336	No
171	GOM_NL__2PRFIN20070801_155711_000000392060_00226_28336_4393.N1	01-AUG-2007 15:57:11	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	28336	No
172	GOM_NL__2PRFIN20070801_160059_000000372060_00226_28336_4394.N1	01-AUG-2007 16:00:59	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28336	No
173	GOM_NL__2PRFIN20070801_160459_000000372060_00226_28336_4395.N1	01-AUG-2007 16:04:59	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	28336	No
174	GOM_NL__2PRFIN20070801_160908_000000342060_00226_28336_4396.N1	01-AUG-2007 16:09:08	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	28336	No
175	GOM_NL__2PRFIN20070801_161142_000000362060_00226_28336_4397.N1	01-AUG-2007 16:11:42	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28336	No
176	GOM_NL__2PRFIN20070801_162434_000000352060_00226_28336_4398.N1	01-AUG-2007 16:24:34	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	28336	No
177	GOM_NL__2PRFIN20070801_162648_000000472060_00226_28336_4399.N1	01-AUG-2007 16:26:48	Bright	47.000	107	37The Aur	2.6490	11000.	94	28336	No
178	GOM_NL__2PRFIN20070801_163141_000000402060_00226_28336_4400.N1	01-AUG-2007 16:31:41	Tw_i_and_stray	40.000	176	23Zet Tau	3.0200	22000.	80	28336	No
179	GOM_NL__2PRFIN20070801_163521_000000422060_00226_28336_4401.N1	01-AUG-2007 16:35:21	Dark	42.000	14	58Alp Ori	0.87000	3000.0	84	28336	No
180	GOM_NL__2PRFIN20070801_163806_000000402060_00226_28336_4402.N1	01-AUG-2007 16:38:06	Dark	40.000	30	46Eps Ori	1.6940	30000.	80	28336	No
181	GOM_NL__2PRFIN20070801_164035_000000492060_00226_28336_4403.N1	01-AUG-2007 16:40:35	Dark	49.000	7	19Bet Ori	0.10000	14000.	98	28336	No
182	GOM_NL__2PRFIN20070801_164157_000000392060_00226_28336_4404.N1	01-AUG-2007 16:41:57	Dark	39.000	47	2Bet CMa	1.9760	28000.	78	28336	No
183	GOM_NL__2PRFIN20070801_164340_000000432060_00226_28336_4405.N1	01-AUG-2007 16:43:40	Dark	43.000	139	9Bet Lep	2.8330	5600.0	86	28336	No
184	GOM_NL__2PRFIN20070801_164518_000000392060_00226_28336_4406.N1	01-AUG-2007 16:45:18	Dark	38.500	177	1Zet CMa	3.0220	26000.	77	28336	No
185	GOM_NL__2PRFIN20070801_165930_000000392060_00227_28337_4396.N1	01-AUG-2007 16:59:30	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28337	No
186	GOM_NL__2PRFIN20070801_170204_000000382060_00227_28337_4397.N1	01-AUG-2007 17:02:04	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	28337	No
187	GOM_NL__2PRFIN20070801_170657_000000412060_00227_28337_4398.N1	01-AUG-2007 17:06:57	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28337	No
188	GOM_NL__2PRFIN20070801_171009_000000372060_00227_28337_4399.N1	01-AUG-2007 17:10:09	Straylight	36.500	45	Alp Pav	1.9400	26000.	73	28337	No
189	GOM_NL__2PRFIN20070801_171831_000000462060_00227_28337_4400.N1	01-AUG-2007 17:18:31	Bright	46.000	103	38Zet Sgr	2.6000	9700.0	92	28337	No
190	GOM_NL__2PRFIN20070801_172054_000000372060_00227_28337_4401.N1	01-AUG-2007 17:20:54	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28337	No
191	GOM_NL__2PRFIN20070801_173042_000000362060_00227_28337_4402.N1	01-AUG-2007 17:30:42	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	28337	No
192	GOM_NL__2PRFIN20070801_173747_000000382060_00227_28337_4403.N1	01-AUG-2007 17:37:47	Bright	38.000	5	3Alp Lyr	0.033000	11000.	76	28337	No
193	GOM_NL__2PRFIN20070801_174135_000000372060_00227_28337_4404.N1	01-AUG-2007 17:41:35	Bright	37.000	69	33Gam Dra	2.2310	3800.0	74	28337	No
194	GOM_NL__2PRFIN20070801_174535_000000372060_00227_28337_4405.N1	01-AUG-2007 17:45:35	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	28337	No
195	GOM_NL__2PRFIN20070801_174944_000000372060_00227_28337_4406.N1	01-AUG-2007 17:49:44	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	28337	No
196	GOM_NL__2PRFIN20070801_175218_000000362060_00227_28337_4407.N1	01-AUG-2007 17:52:18	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28337	No
197	GOM_NL__2PRFIN20070801_180510_000000352060_00227_28337_4408.N1	01-AUG-2007 18:05:10	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	28337	No
198	GOM_NL__2PRFIN20070801_180724_000000392060_00227_28337_4409.N1	01-AUG-2007 18:07:24	Bright	38.500	107	37The Aur	2.6490	11000.	77	28337	No
199	GOM_NL__2PRFIN20070801_181217_000000392060_00227_28337_4410.N1	01-AUG-2007 18:12:17	Tw_i_and_stray	39.000	176	23Zet Tau	3.0200	22000.	78	28337	No
200	GOM_NL__2PRFIN20070801_181557_000000342060_00227_28337_4411.N1	01-AUG-2007 18:15:57	Dark	34.000	14	58Alp Ori	0.87000	3000.0	68	28337	No
201	GOM_NL__2PRFIN20070801_181843_000000372060_00227_28337_4412.N1	01-AUG-2007 18:18:43	Dark	37.000	30	46Eps Ori	1.6940	30000.	74	28337	No
202	GOM_NL__2PRFIN20070801_182112_000000512060_00227_28337_4413.N1	01-AUG-2007 18:21:12	Dark	51.000	7	19Bet Ori	0.10000	14000.	102	28337	No
203	GOM_NL__2PRFIN20070801_182233_000000412060_00227_28337_4414.N1	01-AUG-2007 18:22:33	Dark	40.500	47	2Bet CMa	1.9760	28000.	81	28337	No
204	GOM_NL__2PRFIN20070801_182416_000000432060_00227_28337_4415.N1	01-AUG-2007 18:24:16	Dark	42.500	139	9Bet Lep	2.8330	5600.0	85	28337	No
205	GOM_NL__2PRFIN20070801_182554_000000382060_00227_28337_4416.N1	01-AUG-2007 18:25:54	Dark	38.000	177	1Zet CMa	3.0220	26000.	76	28337	No
206	GOM_NL__2PRFIN20070801_184006_000000402060_00228_28338_4441.N1	01-AUG-2007 18:40:06	Dark	40.000	143	Alp Hyi	2.8570	7200.0	80	28338	No
207	GOM_NL__2PRFIN20070801_184240_000000372060_00228_28338_4442.N1	01-AUG-2007 18:42:40	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	28338	No
208	GOM_NL__2PRFIN20070801_184733_000000402060_00228_28338_4443.N1	01-AUG-2007 18:47:33	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28338	No
209	GOM_NL__2PRFIN20070801_185046_000000382060_00228_28338_4444.N1	01-AUG-2007 18:50:46	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	28338	No
210	GOM_NL__2PRFIN20070801_185907_000000522060_00228_28338_4445.N1	01-AUG-2007 18:59:07	Bright	52.000	103	38Zet Sgr	2.6000	9700.0	104	28338	No
211	GOM_NL__2PRFIN20070801_190130_000000362060_00228_28338_4446.N1	01-AUG-2007 19:01:30	Bright	36.000	155	41Pi Sgr	2.9000	6600.0	72	28338	No
212	GOM_NL__2PRFIN20070801_191118_000000362060_00228_28338_4447.N1	01-AUG-2007 19:11:18	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	28338	No
213	GOM_NL__2PRFIN20070801_191823_000000372060_00228_28338_4448.N1	01-AUG-2007 19:18:23	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	28338	No
214	GOM_NL__2PRFIN20070801_192211_000000382060_00228_28338_4449.N1	01-AUG-2007 19:22:11	Bright	37.500	69	33Gam Dra	2.2310	3800.0	75	28338	No
215	GOM_NL__2PRFIN20070801_192611_000000292060_00228_28338_4450.N1	01-AUG-2007 19:26:11	Bright	29.000	119	14Eta Dra	2.7270	4700.0	58	28338	No
216	GOM_NL__2PRFIN20070801_193021_000000362060_00228_28338_4451.N1	01-AUG-2007 19:30:21	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	28338	No
217	GOM_NL__2PRFIN20070801_193254_000000362060_00228_28338_4452.N1	01-AUG-2007 19:32:54	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	28338	No
218	GOM_NL__2PRFIN20070801_194546_000000472060_00228_28338_4453.N1	01-AUG-2007 19:45:46	Bright	46.500	42	34Bet Aur	1.9000	10200.	93	28338	No
219	GOM_NL__2PRFIN20070801_194800_000000382060_00228_28338_4454.N1	01-AUG-2007 19:48:00	Bright	38.000	107	37The Aur	2.6490	11000.	76	28338	No

220	GOM_NL__2PRFIN20070801_195254_000000382060_00228_28338_4455.N1	01-AUG-2007 19:52:54	Twilight	37.500	176	23Zet Tau	3.0200	22000.	75	28338	No
221	GOM_NL__2PRFIN20070801_195634_000000412060_00228_28338_4456.N1	01-AUG-2007 19:56:34	Dark	40.500	14	58Alp Ori	0.87000	3000.0	81	28338	No
222	GOM_NL__2PRFIN20070801_195919_000000382060_00228_28338_4457.N1	01-AUG-2007 19:59:19	Dark	37.500	30	46Eps Ori	1.6940	30000.	75	28338	No
223	GOM_NL__2PRFIN20070801_200148_000000342060_00228_28338_4458.N1	01-AUG-2007 20:01:48	Dark	34.000	7	19Bet Ori	0.10000	14000.	68	28338	No
224	GOM_NL__2PRFIN20070801_200309_000000392060_00228_28338_4459.N1	01-AUG-2007 20:03:09	Dark	38.500	47	2Bet CMa	1.9760	28000.	77	28338	No
225	GOM_NL__2PRFIN20070801_200452_000000432060_00228_28338_4460.N1	01-AUG-2007 20:04:52	Dark	42.500	139	9Bet Lep	2.8330	5600.0	85	28338	No
226	GOM_NL__2PRFIN20070801_200631_000000382060_00228_28338_4461.N1	01-AUG-2007 20:06:31	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	28338	No
227	GOM_NL__2PRFIN20070801_202043_000000392060_00229_28339_4452.N1	01-AUG-2007 20:20:43	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28339	No
228	GOM_NL__2PRFIN20070801_202316_000000362060_00229_28339_4453.N1	01-AUG-2007 20:23:16	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	28339	No
229	GOM_NL__2PRFIN20070801_202810_000000472060_00229_28339_4454.N1	01-AUG-2007 20:28:10	Straylight	47.000	148	Alp Tuc	2.8780	4100.0	94	28339	No
230	GOM_NL__2PRFIN20070801_203122_000000382060_00229_28339_4455.N1	01-AUG-2007 20:31:22	Straylight	38.000	45	Alp Pav	1.9400	26000.	76	28339	No
231	GOM_NL__2PRFIN20070801_203943_000000412060_00229_28339_4456.N1	01-AUG-2007 20:39:43	Bright	40.500	103	38Zet Sgr	2.6000	9700.0	81	28339	No
232	GOM_NL__2PRFIN20070801_204206_000000372060_00229_28339_4457.N1	01-AUG-2007 20:42:06	Bright	37.000	155	41Pi Sgr	2.9000	6600.0	74	28339	No
233	GOM_NL__2PRFIN20070801_205154_000000342060_00229_28339_4458.N1	01-AUG-2007 20:51:54	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	28339	No
234	GOM_NL__2PRFIN20070801_205859_000000342060_00229_28339_4459.N1	01-AUG-2007 20:58:59	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	28339	No
235	GOM_NL__2PRFIN20070801_210247_000000392060_00229_28339_4460.N1	01-AUG-2007 21:02:47	Bright	38.500	69	33Gam Dra	2.2310	3800.0	77	28339	No
236	GOM_NL__2PRFIN20070801_210648_000000292060_00229_28339_4461.N1	01-AUG-2007 21:06:48	Bright	29.000	119	14Eta Dra	2.7270	4700.0	58	28339	No
237	GOM_NL__2PRFIN20070801_211057_000000362060_00229_28339_4462.N1	01-AUG-2007 21:10:57	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	28339	No
238	GOM_NL__2PRFIN20070801_211330_000000362060_00229_28339_4463.N1	01-AUG-2007 21:13:30	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28339	No
239	GOM_NL__2PRFIN20070801_212622_000000462060_00229_28339_4464.N1	01-AUG-2007 21:26:22	Bright	45.500	42	34Bet Aur	1.9000	10200.	91	28339	No
240	GOM_NL__2PRFIN20070801_212836_000000352060_00229_28339_4465.N1	01-AUG-2007 21:28:36	Bright	35.000	107	37The Aur	2.6490	11000.	70	28339	No
241	GOM_NL__2PRFIN20070801_213330_000000382060_00229_28339_4466.N1	01-AUG-2007 21:33:30	Twilight	37.500	176	23Zet Tau	3.0200	22000.	75	28339	No
242	GOM_NL__2PRFIN20070801_213710_000000382060_00229_28339_4467.N1	01-AUG-2007 21:37:10	Dark	37.500	14	58Alp Ori	0.87000	3000.0	75	28339	No
243	GOM_NL__2PRFIN20070801_213955_000000412060_00229_28339_4468.N1	01-AUG-2007 21:39:55	Dark	40.500	30	46Eps Ori	1.6940	30000.	81	28339	No
244	GOM_NL__2PRFIN20070801_214224_000000342060_00229_28339_4469.N1	01-AUG-2007 21:42:24	Dark	34.000	7	19Bet Ori	0.10000	14000.	68	28339	No
245	GOM_NL__2PRFIN20070801_214345_000000392060_00229_28339_4470.N1	01-AUG-2007 21:43:45	Dark	39.000	47	2Bet CMa	1.9760	28000.	78	28339	No
246	GOM_NL__2PRFIN20070801_214529_000000412060_00229_28339_4471.N1	01-AUG-2007 21:45:29	Dark	40.500	139	9Bet Lep	2.8330	5600.0	81	28339	No
247	GOM_NL__2PRFIN20070801_214707_000000372060_00229_28339_4472.N1	01-AUG-2007 21:47:07	Dark	37.000	177	1Zet CMa	3.0220	26000.	74	28339	No
248	GOM_NL__2PRFIN20070801_220119_000000392060_00230_28340_4468.N1	01-AUG-2007 22:01:19	Dark	38.500	143	Alp Hyi	2.8570	7200.0	77	28340	No
249	GOM_NL__2PRFIN20070801_220352_000000382060_00230_28340_4469.N1	01-AUG-2007 22:03:52	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	28340	No
250	GOM_NL__2PRFIN20070801_220846_000000402060_00230_28340_4470.N1	01-AUG-2007 22:08:46	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28340	No
251	GOM_NL__2PRFIN20070801_221158_000000382060_00230_28340_4471.N1	01-AUG-2007 22:11:58	Straylight	37.500	45	Alp Pav	1.9400	26000.	75	28340	No
252	GOM_NL__2PRFIN20070801_222019_000000422060_00230_28340_4472.N1	01-AUG-2007 22:20:19	Bright	42.000	103	38Zet Sgr	2.6000	9700.0	84	28340	No
253	GOM_NL__2PRFIN20070801_222242_000000372060_00230_28340_4473.N1	01-AUG-2007 22:22:42	Bright	36.500	155	41Pi Sgr	2.9000	6600.0	73	28340	No
254	GOM_NL__2PRFIN20070801_223230_000000352060_00230_28340_4474.N1	01-AUG-2007 22:32:30	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	28340	No
255	GOM_NL__2PRFIN20070801_223935_000000342060_00230_28340_4475.N1	01-AUG-2007 22:39:35	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	28340	No
256	GOM_NL__2PRFIN20070801_224323_000000332060_00230_28340_4476.N1	01-AUG-2007 22:43:23	Bright	33.000	69	33Gam Dra	2.2310	3800.0	66	28340	No
257	GOM_NL__2PRFIN20070801_225133_000000372060_00230_28340_4477.N1	01-AUG-2007 22:51:33	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	28340	No
258	GOM_NL__2PRFIN20070801_225406_000000362060_00230_28340_4478.N1	01-AUG-2007 22:54:06	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28340	No
259	GOM_NL__2PRFIN20070801_230658_000000352060_00230_28340_4479.N1	01-AUG-2007 23:06:58	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	28340	No
260	GOM_NL__2PRFIN20070801_230912_000000362060_00230_28340_4480.N1	01-AUG-2007 23:09:12	Bright	35.500	107	37The Aur	2.6490	11000.	71	28340	No
261	GOM_NL__2PRFIN20070801_231406_000000422060_00230_28340_4481.N1	01-AUG-2007 23:14:06	Twilight	41.500	176	23Zet Tau	3.0200	22000.	83	28340	No
262	GOM_NL__2PRFIN20070801_231746_000000492060_00230_28340_4482.N1	01-AUG-2007 23:17:46	Dark	48.500	14	58Alp Ori	0.87000	3000.0	97	28340	No
263	GOM_NL__2PRFIN20070801_232032_000000402060_00230_28340_4483.N1	01-AUG-2007 23:20:32	Dark	39.500	30	46Eps Ori	1.6940	30000.	79	28340	No
264	GOM_NL__2PRFIN20070801_232238_000000402060_00230_28340_4484.N1	01-AUG-2007 23:22:38	Dark	39.500	56	53Kap Ori	2.0650	30000.	79	28340	No
265	GOM_NL__2PRFIN20070801_232422_000000402060_00230_28340_4485.N1	01-AUG-2007 23:24:22	Dark	39.500	47	2Bet CMa	1.9760	28000.	79	28340	No
266	GOM_NL__2PRFIN20070801_232605_000000432060_00230_28340_4486.N1	01-AUG-2007 23:26:05	Dark	42.500	139	9Bet Lep	2.8330	5600.0	85	28340	No
267	GOM_NL__2PRFIN20070801_232742_000000392060_00230_28340_4487.N1	01-AUG-2007 23:27:42	Dark	38.500	177	1Zet CMa	3.0220	26000.	77	28340	No
268	GOM_NL__2PRFIN20070801_234155_000000392060_00231_28341_4484.N1	01-AUG-2007 23:41:55	Dark	39.000	143	Alp Hyi	2.8570	7200.0	78	28341	No
269	GOM_NL__2PRFIN20070801_234428_000000372060_00231_28341_4485.N1	01-AUG-2007 23:44:28	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	28341	No
270	GOM_NL__2PRFIN20070801_234922_000000402060_00231_28341_4486.N1	01-AUG-2007 23:49:22	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28341	No
271	GOM_NL__2PRFIN20070801_235234_000000402060_00231_28341_4487.N1	01-AUG-2007 23:52:34	Straylight	40.000	45	Alp Pav	1.9400	26000.	80	28341	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.

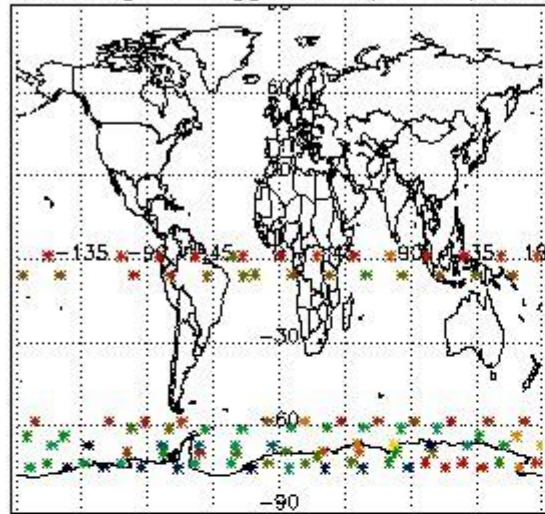
3.1 Plot quality information per product (time dependant)



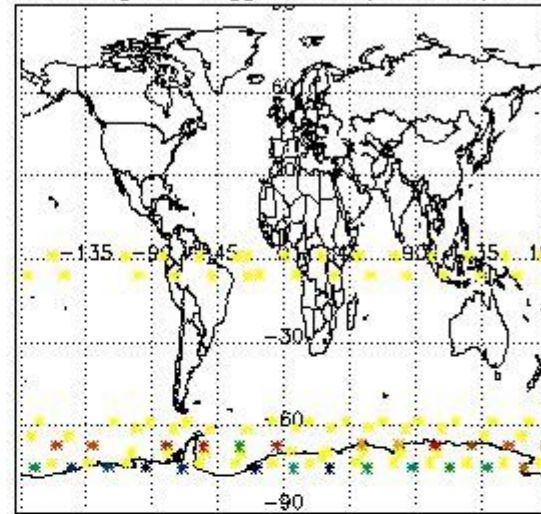
3.2 Plot quality information per product (world map)



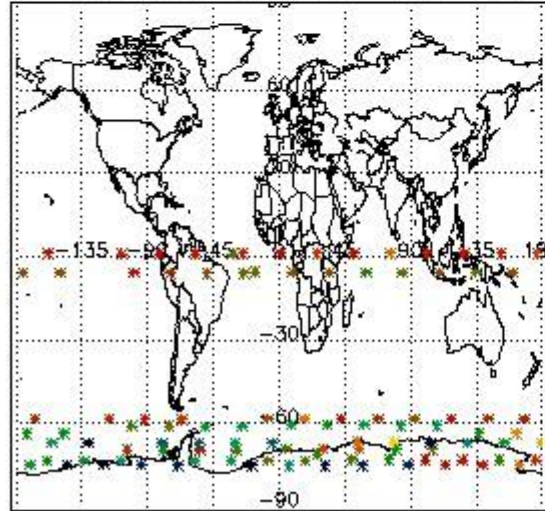
Percentage of flagged data per O3 profile



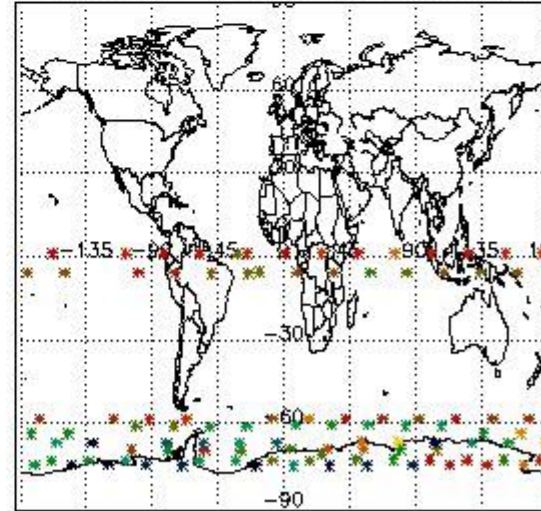
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

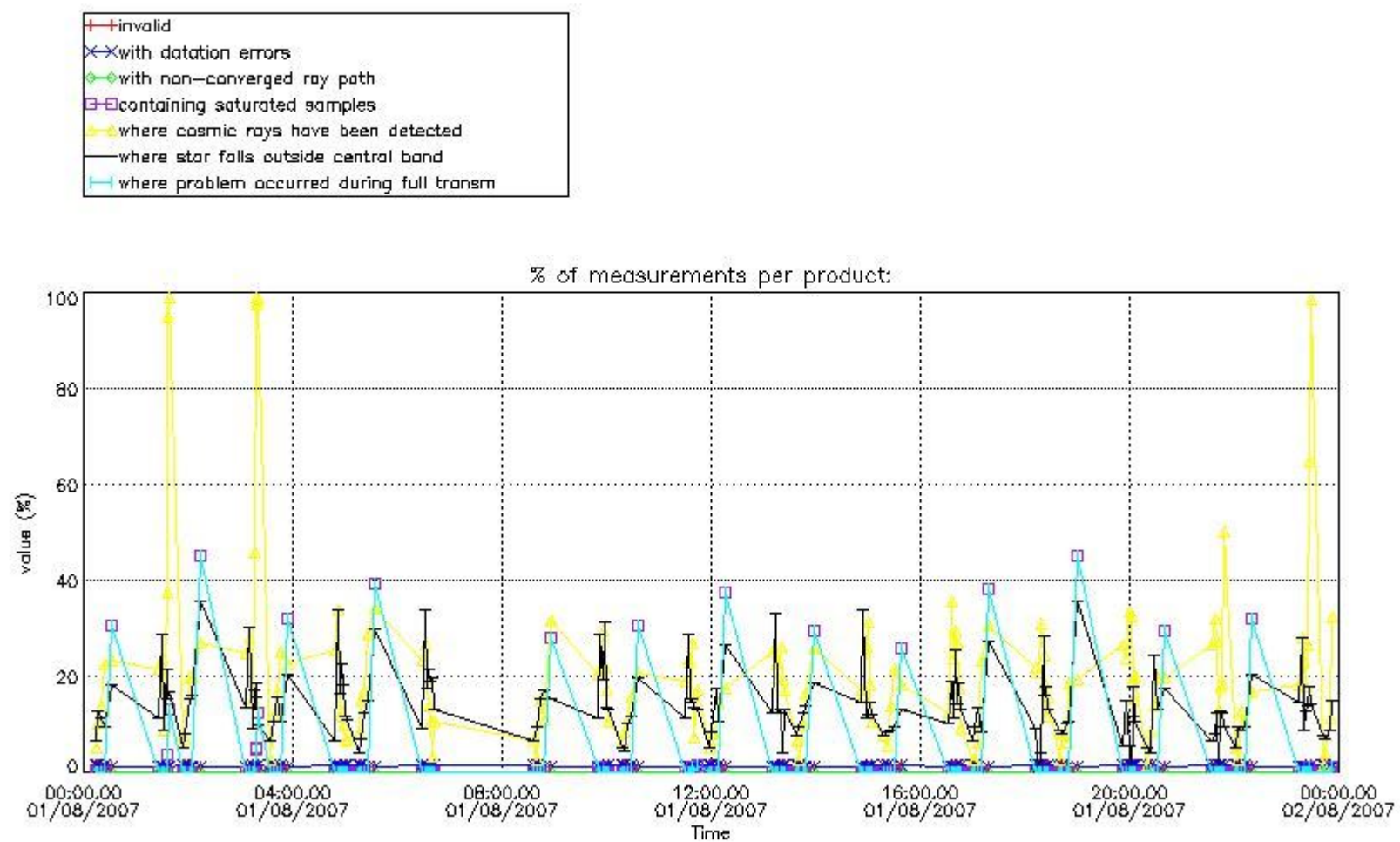


#### 4. Level 1 quality information per product

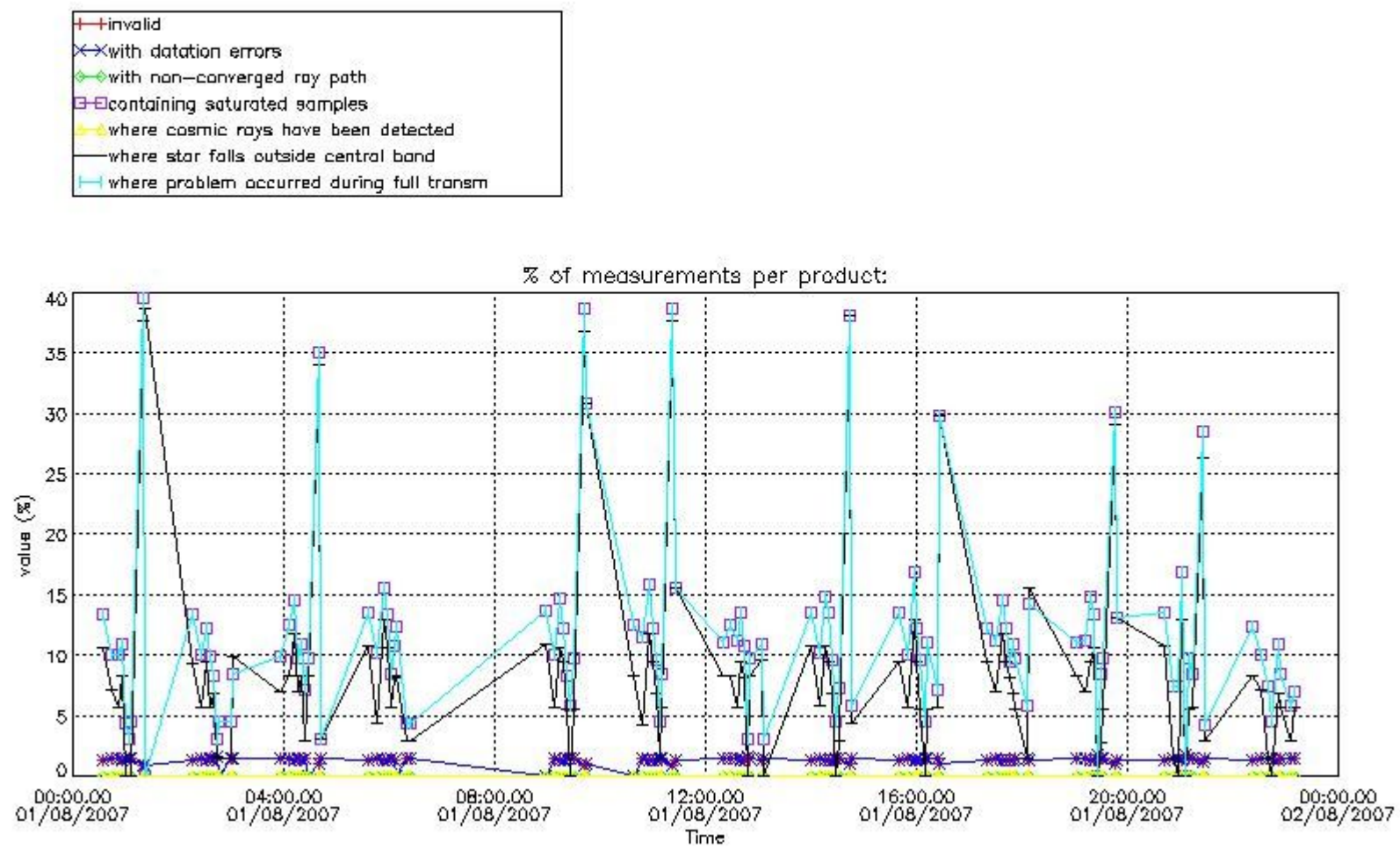
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



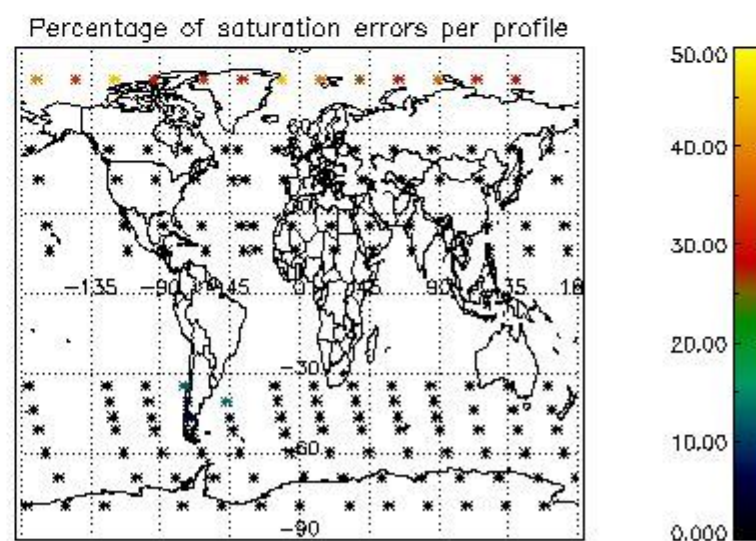
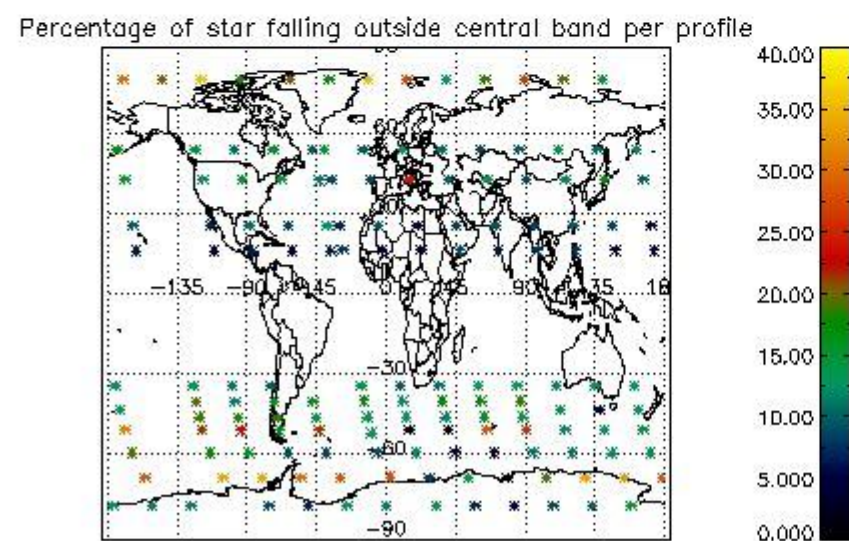
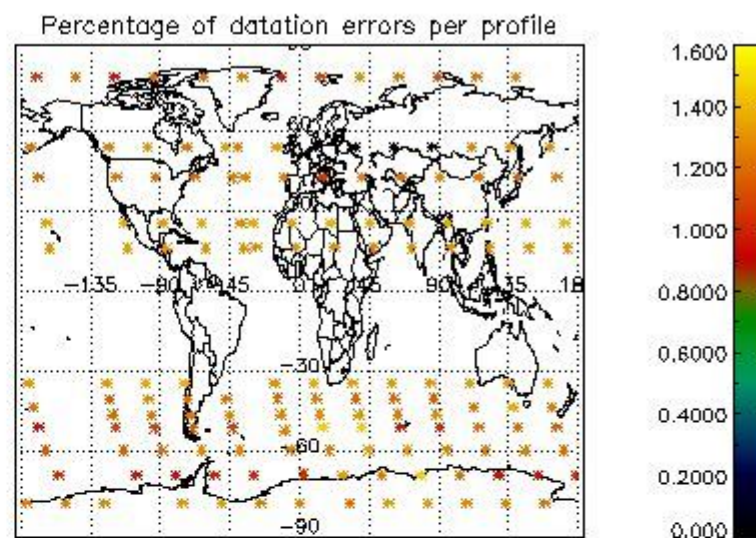
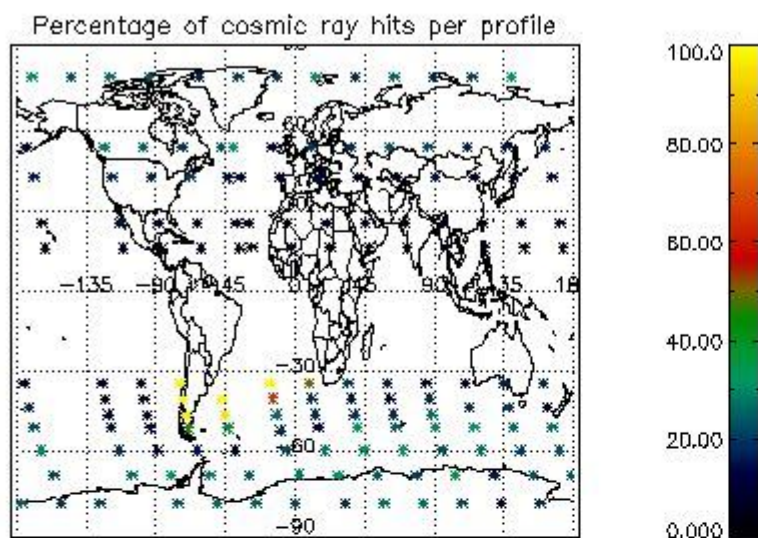
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



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

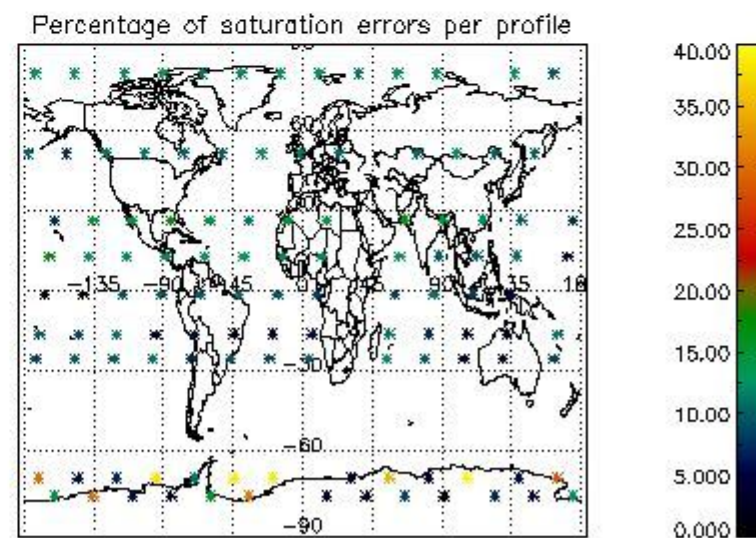
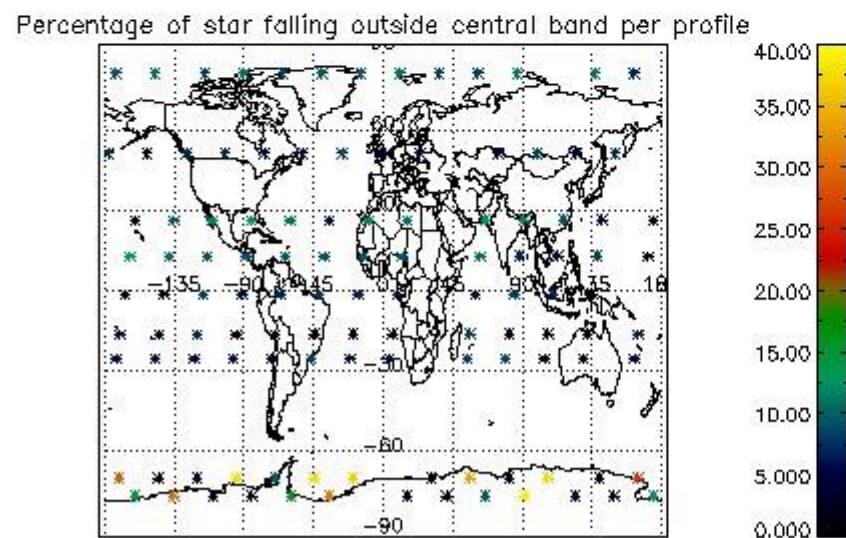
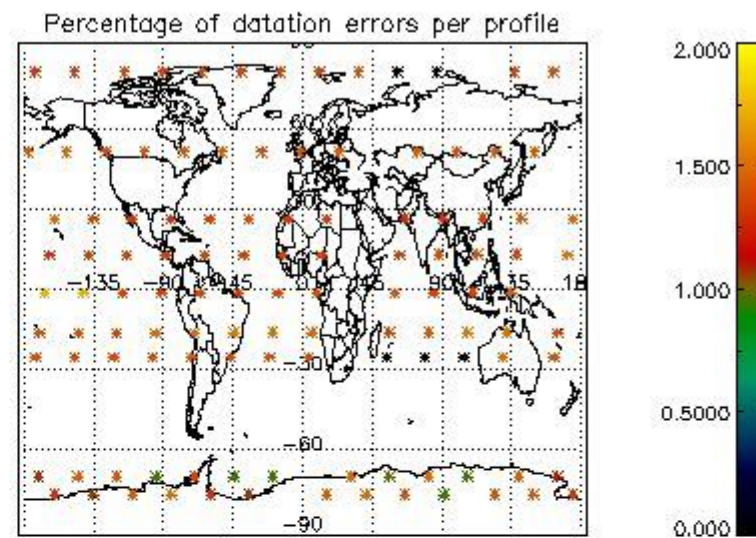
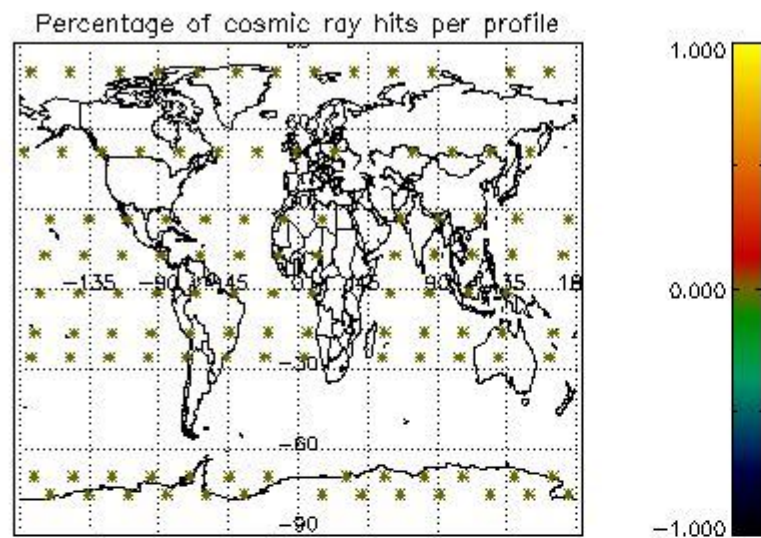
##### 4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes





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

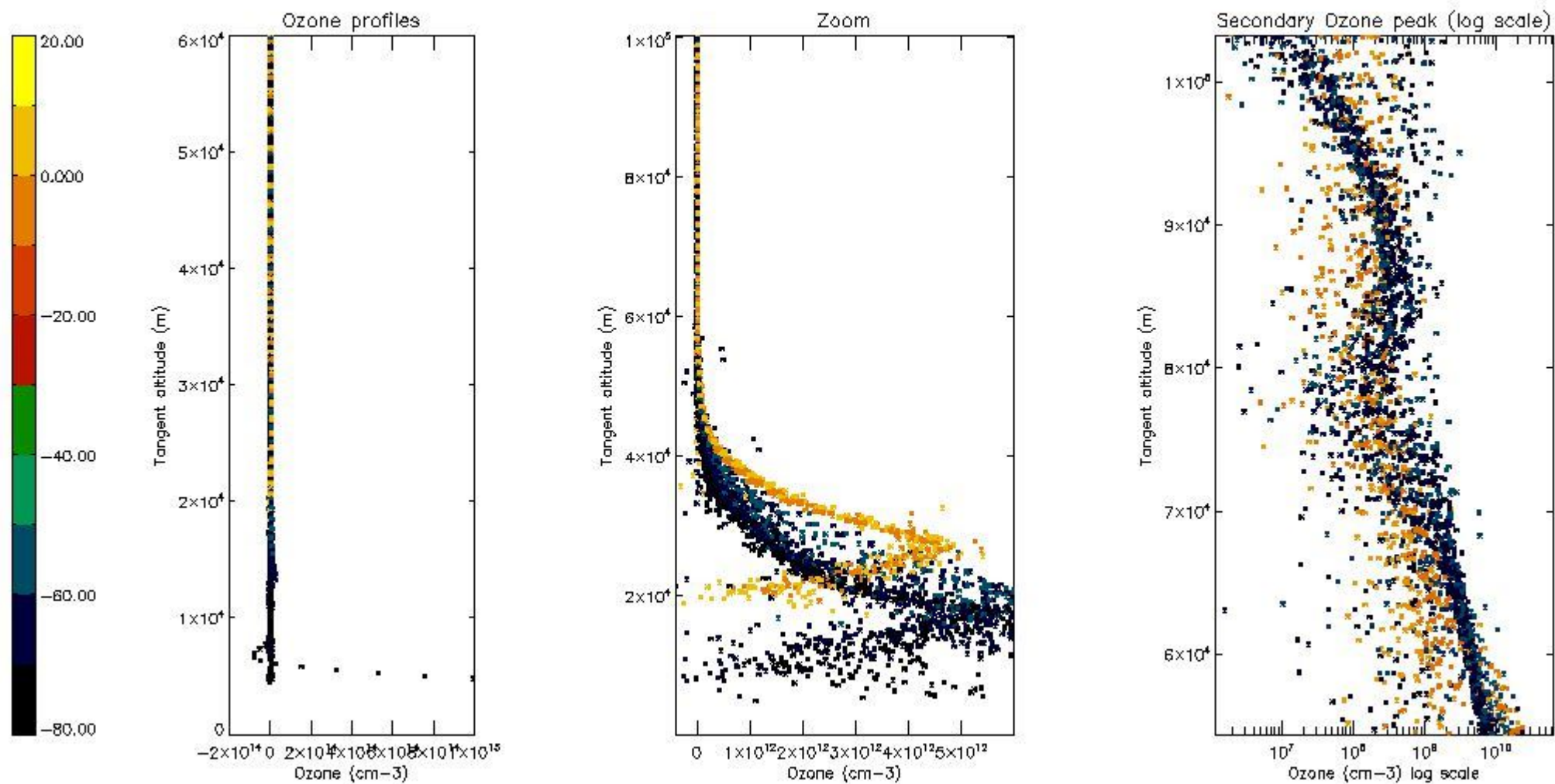
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	40
STD < 20	20

STD < 10	15
STD < 5	10

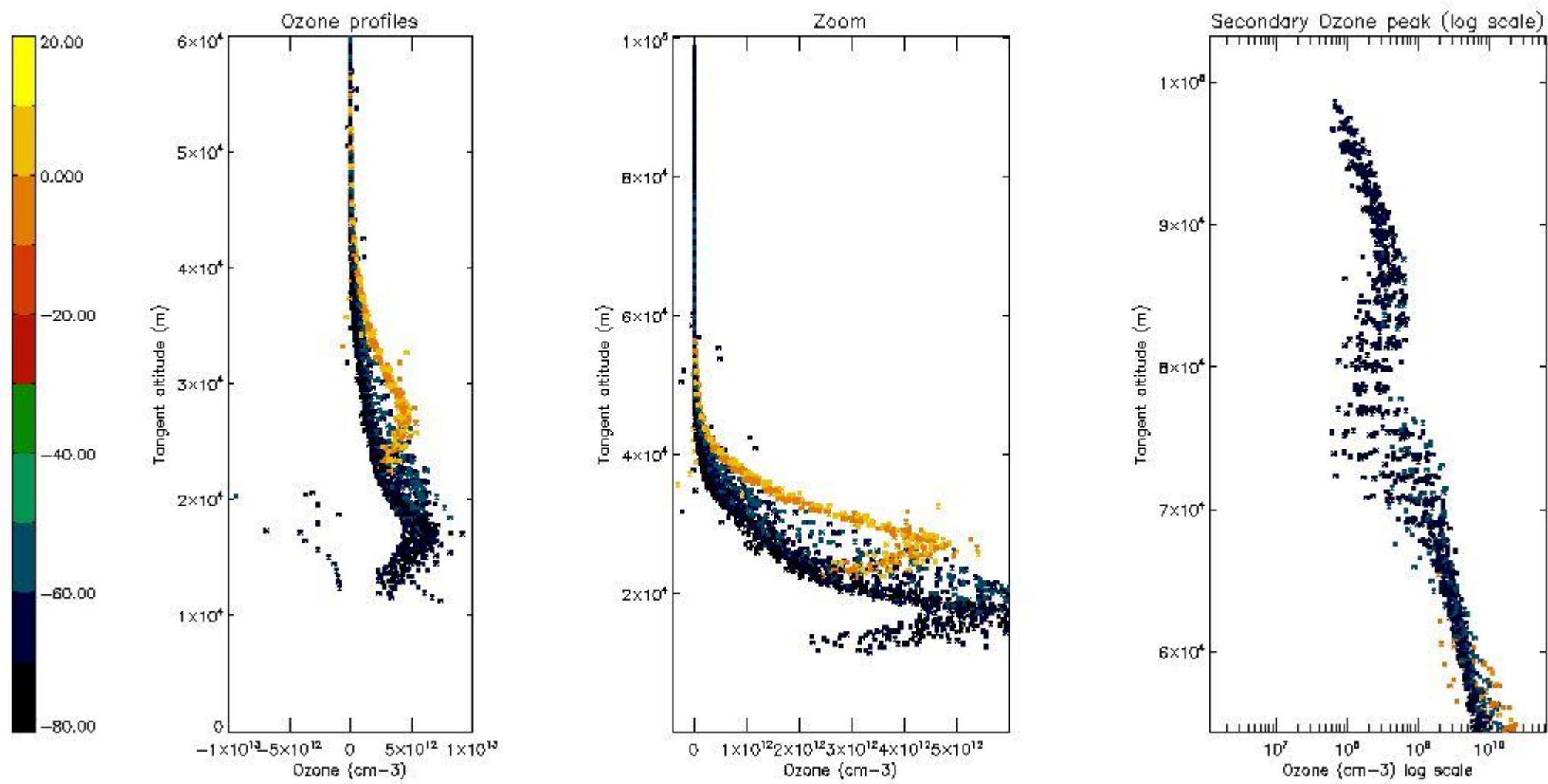
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

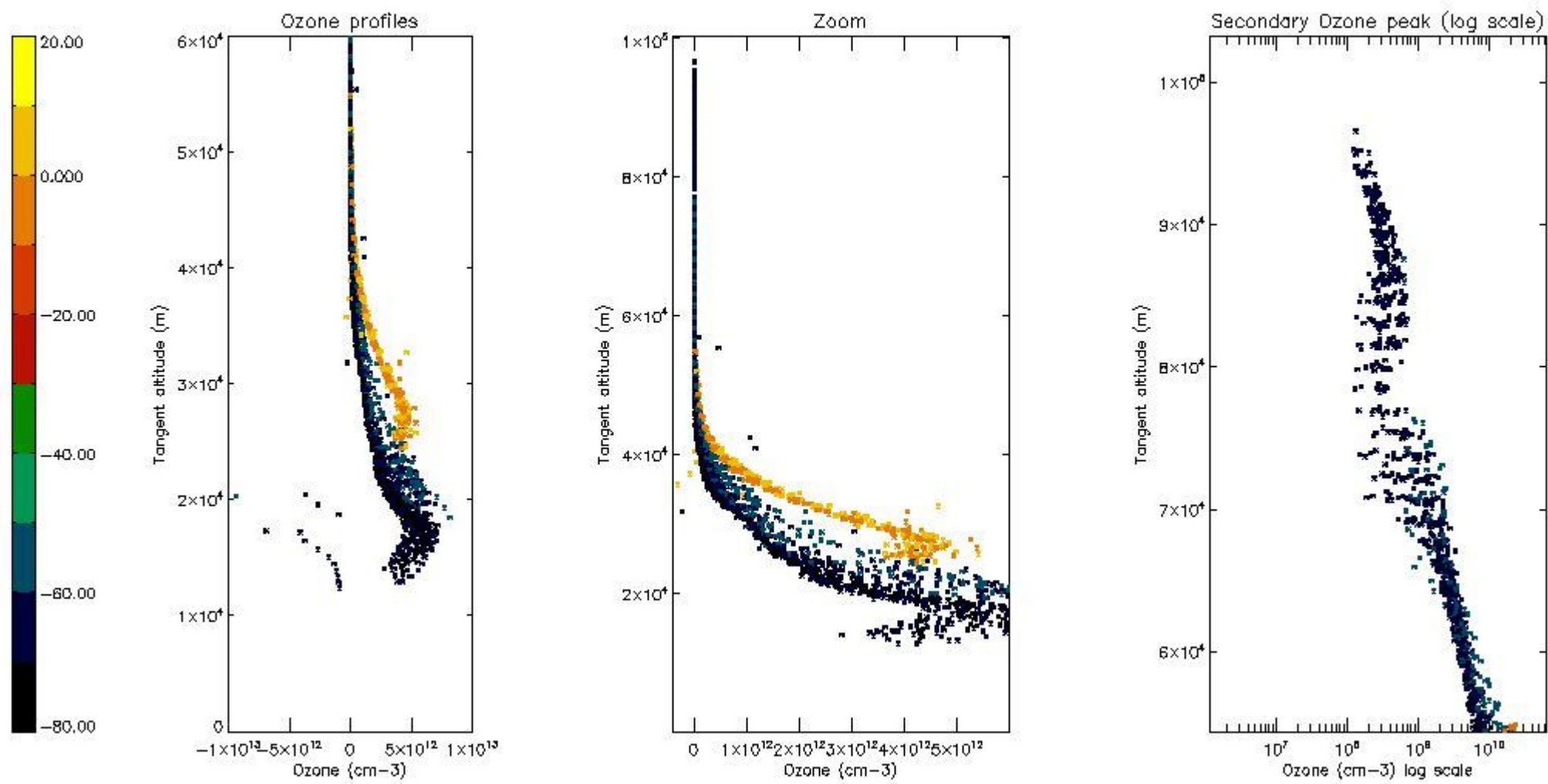
The colorbar represents the latitude.



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

The colorbar represents the latitude.

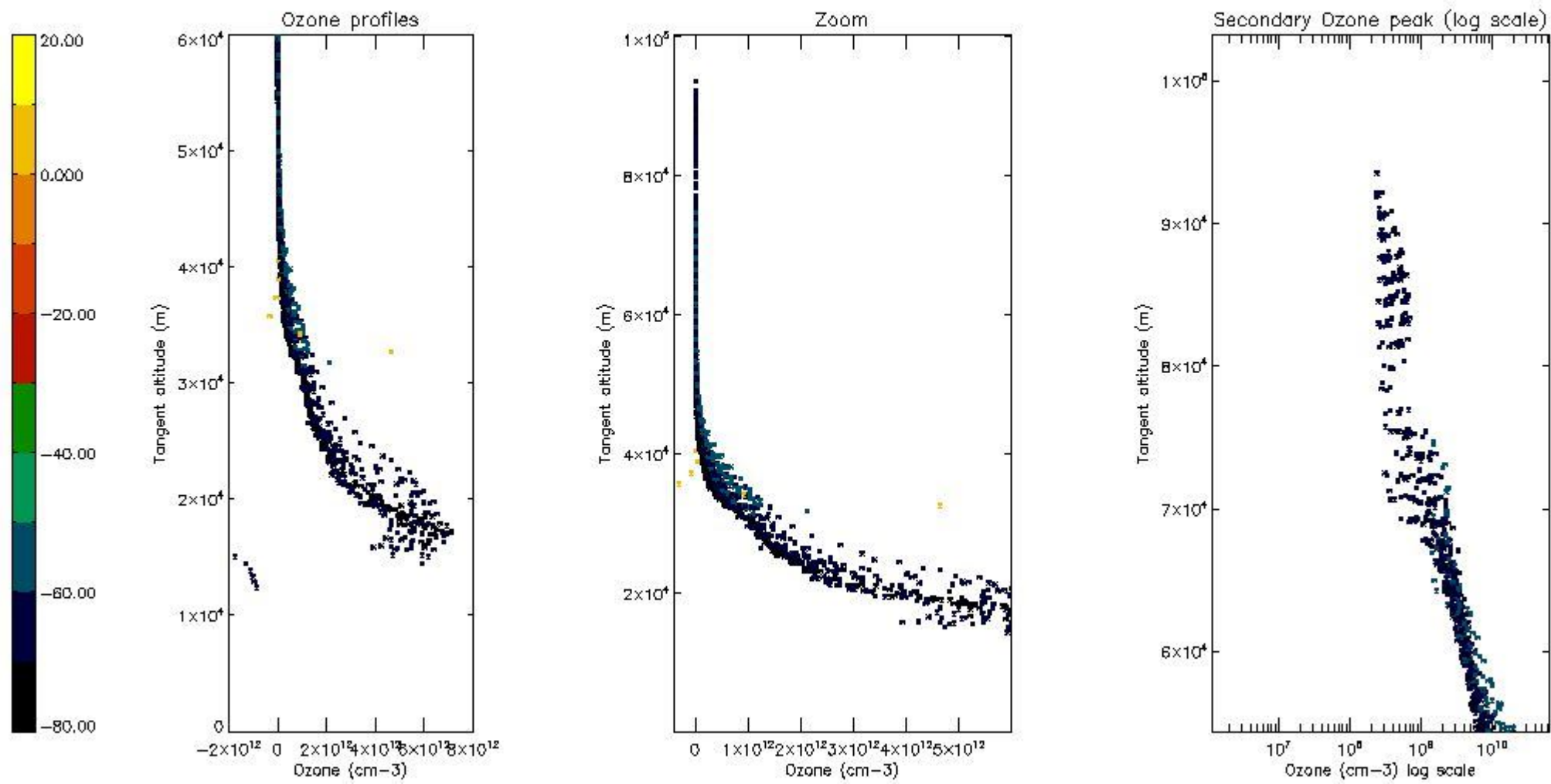




*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

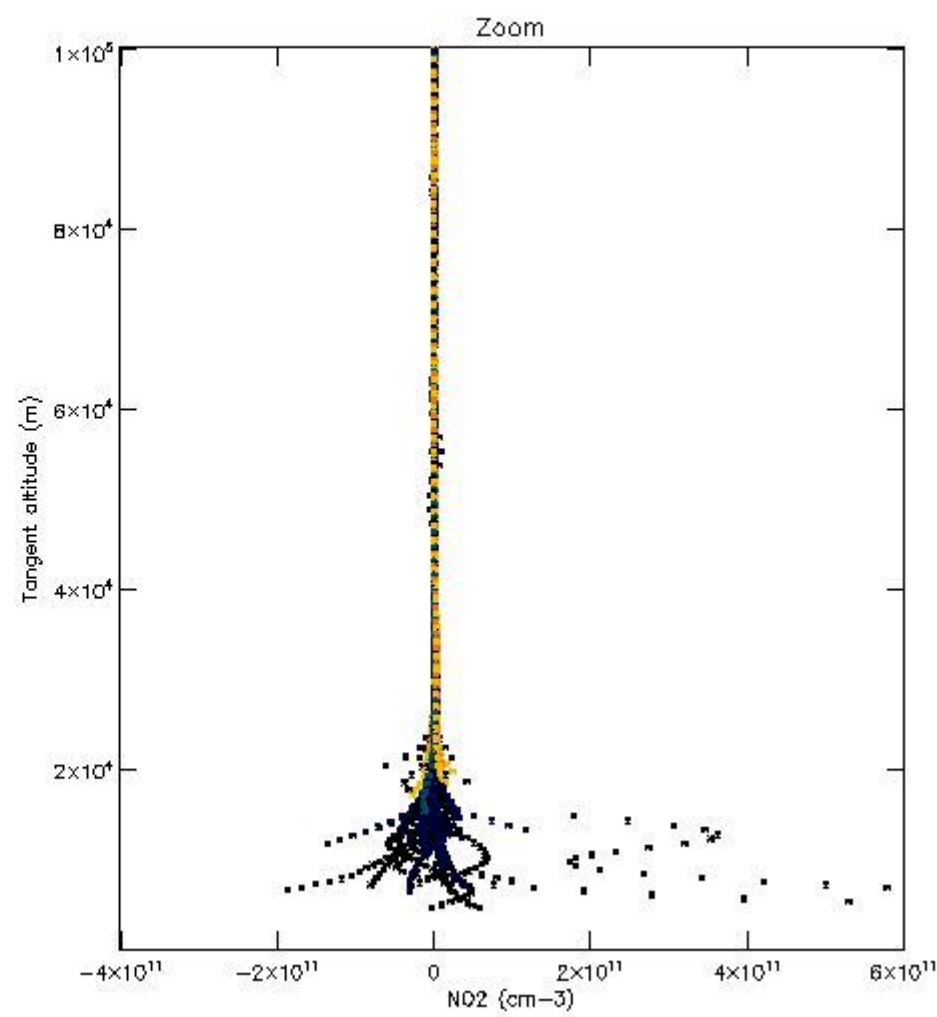
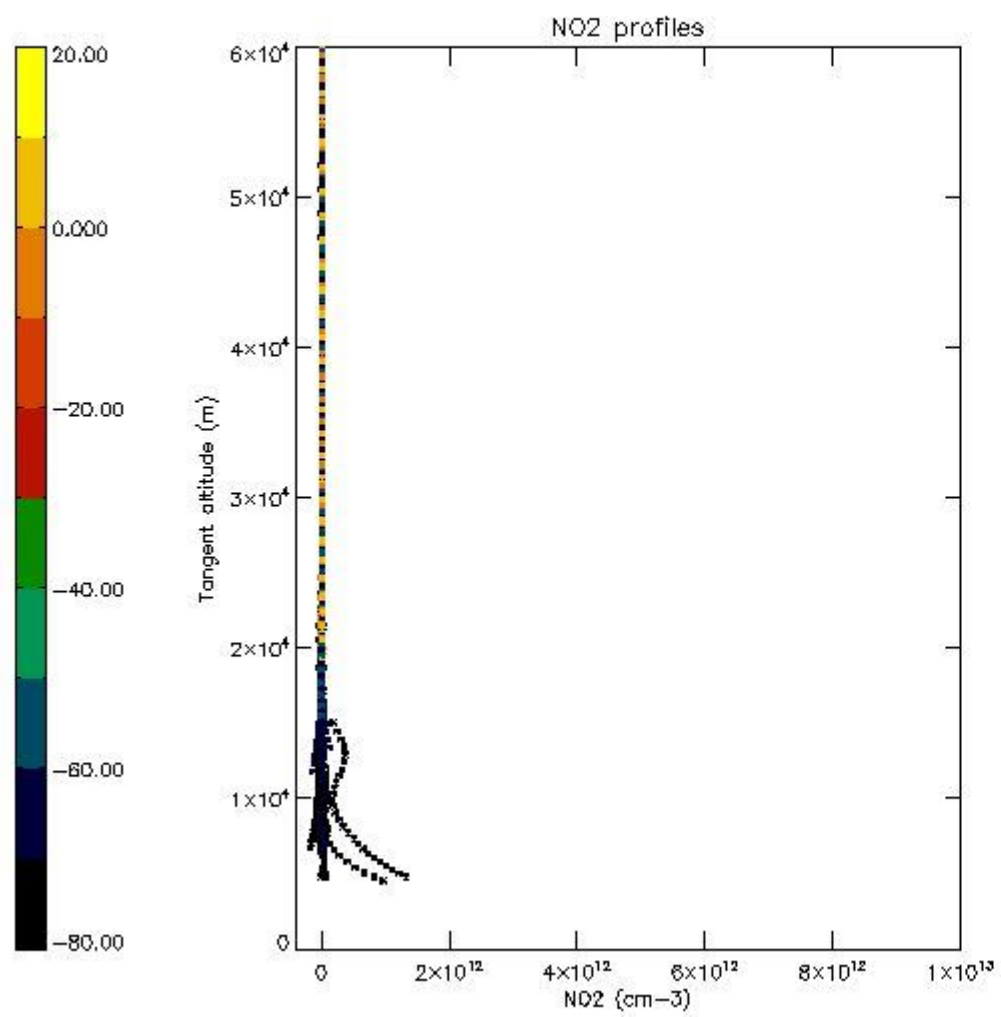
The colorbar represents the latitude.





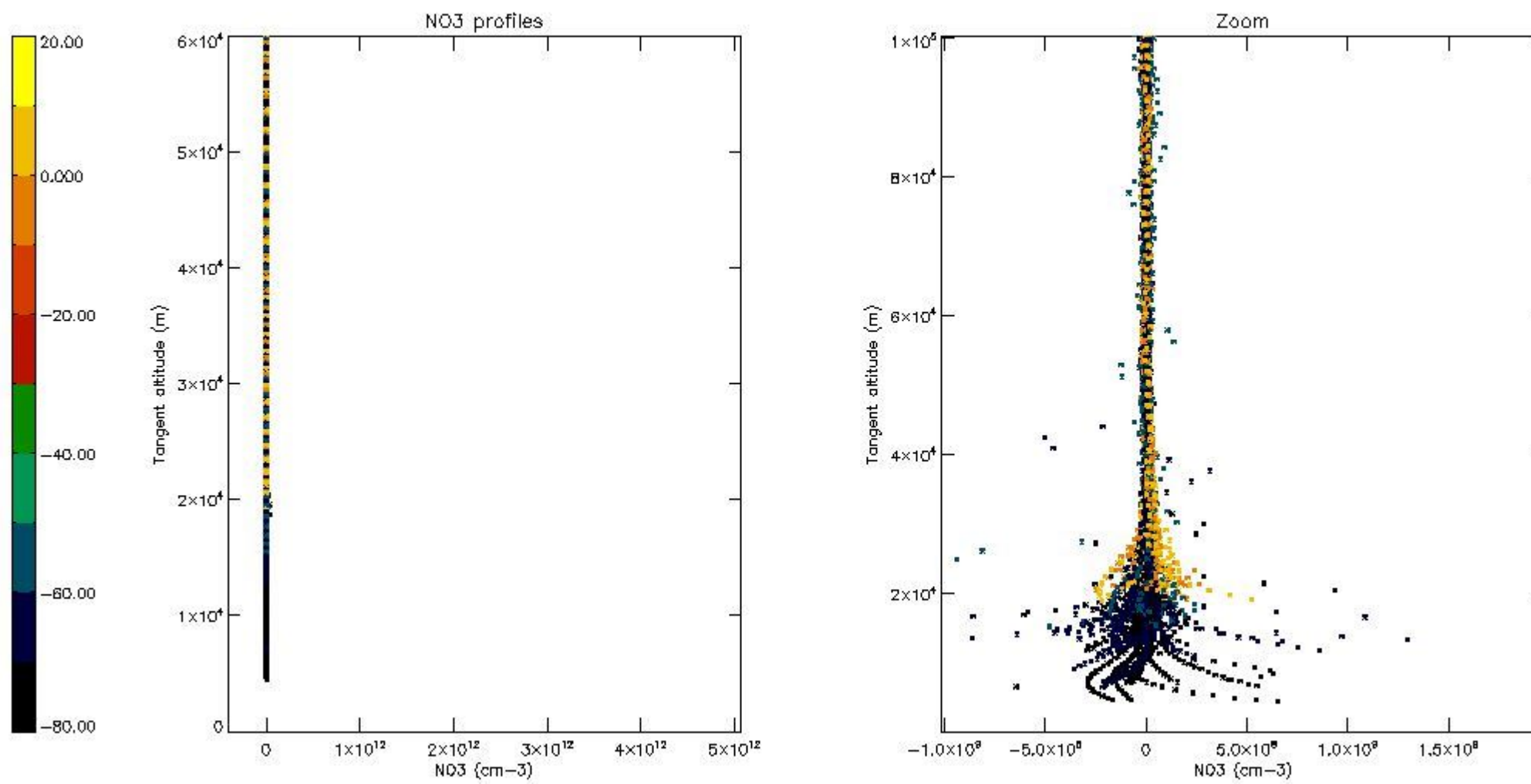
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



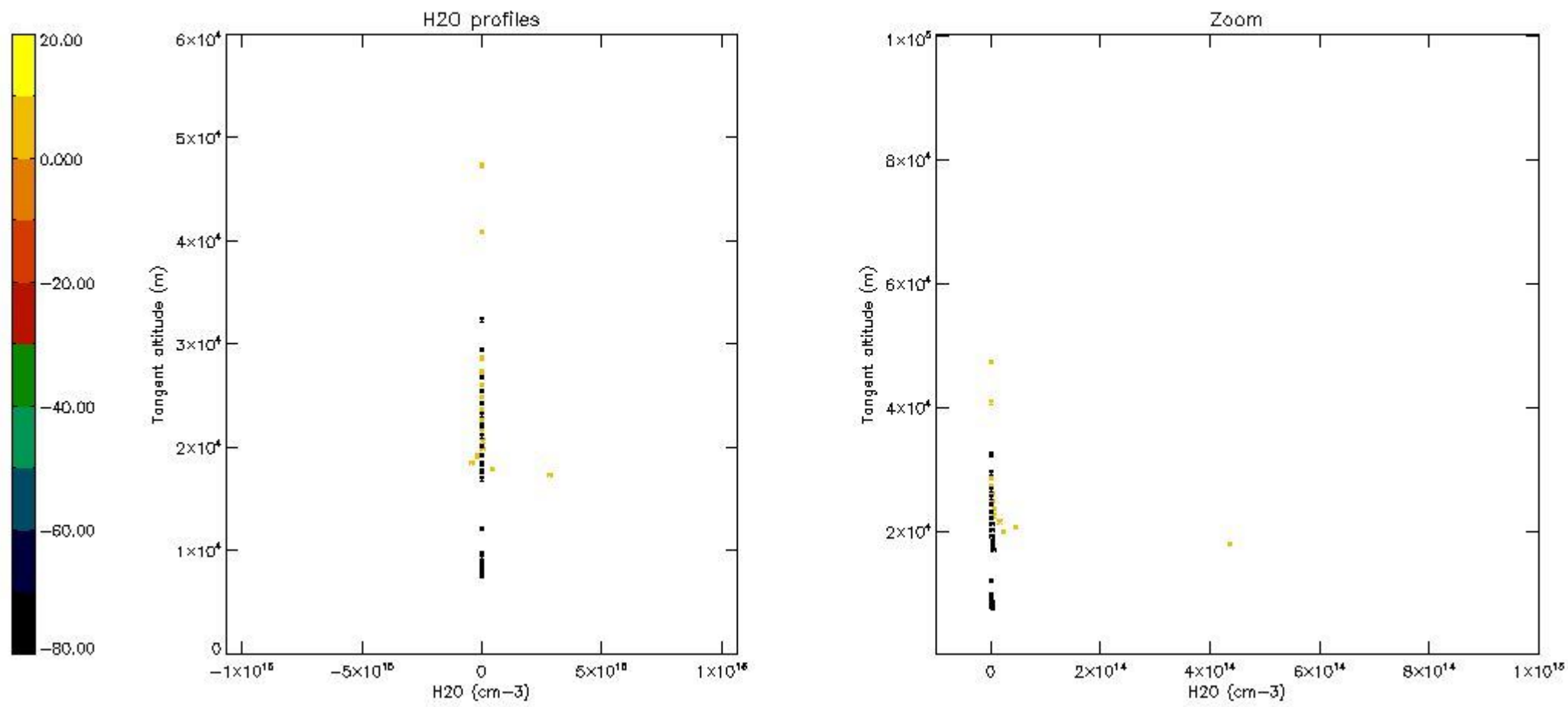
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

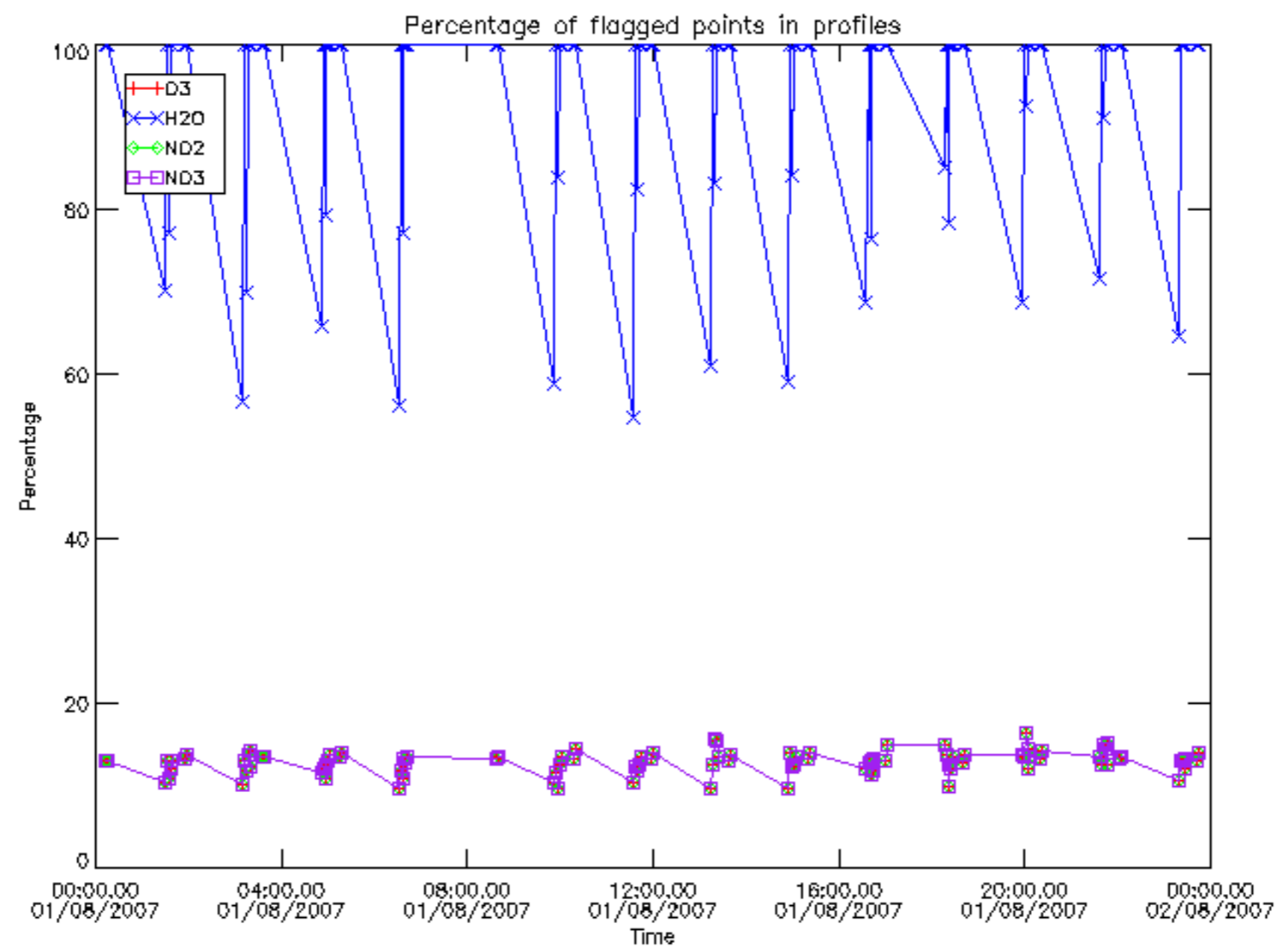


## 6. Auxiliary Data Files used for the production reported in section 2

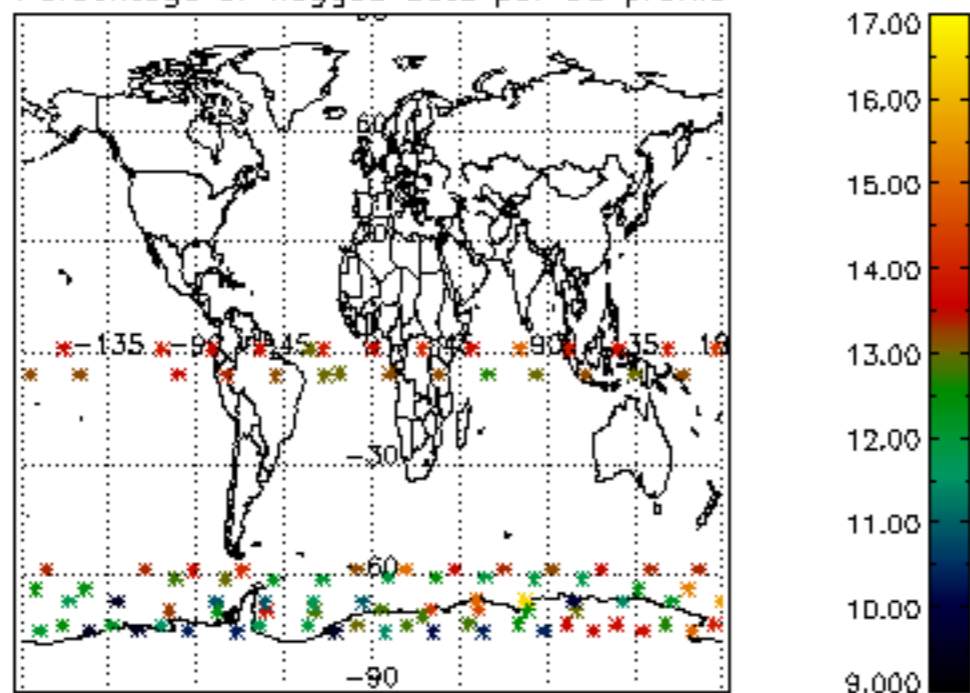
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	01-AUG-2007 00:13:24
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	01-AUG-2007 00:13:24
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	01-AUG-2007 00:13:24

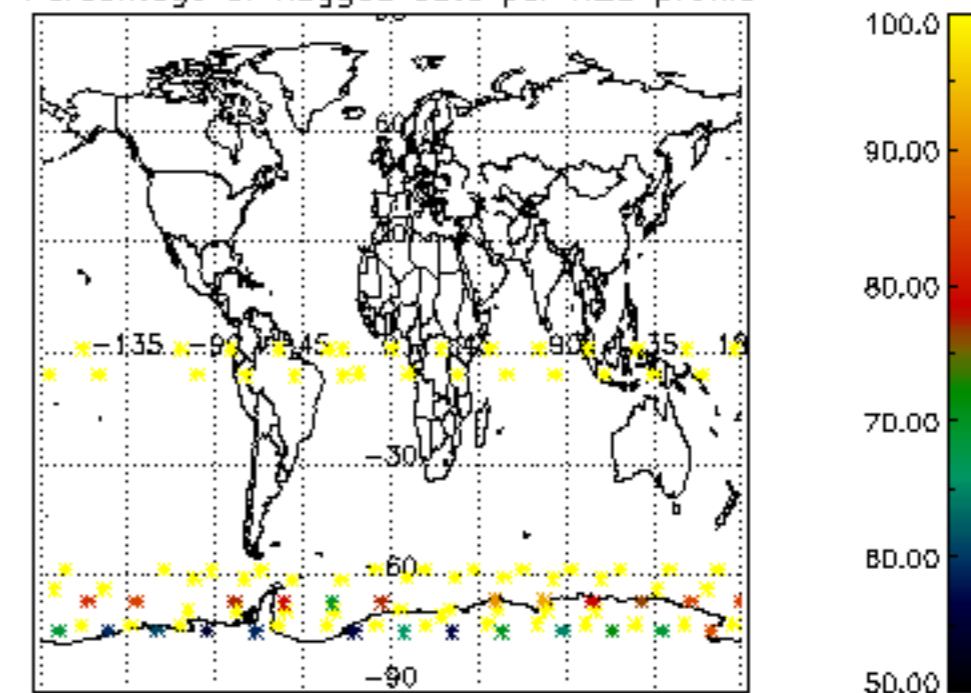




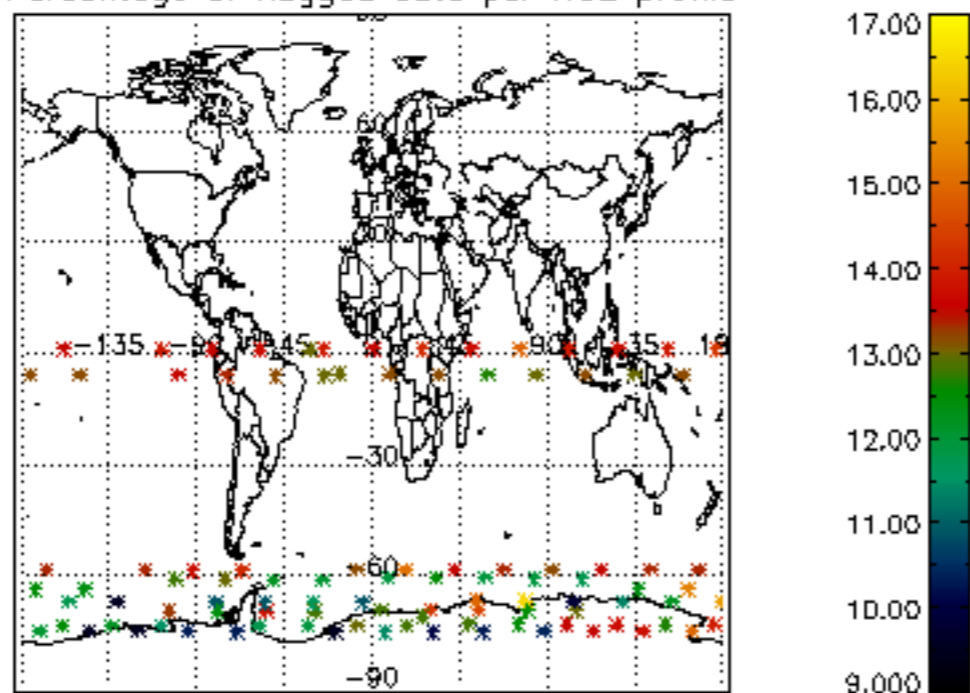
Percentage of flagged data per D3 profile



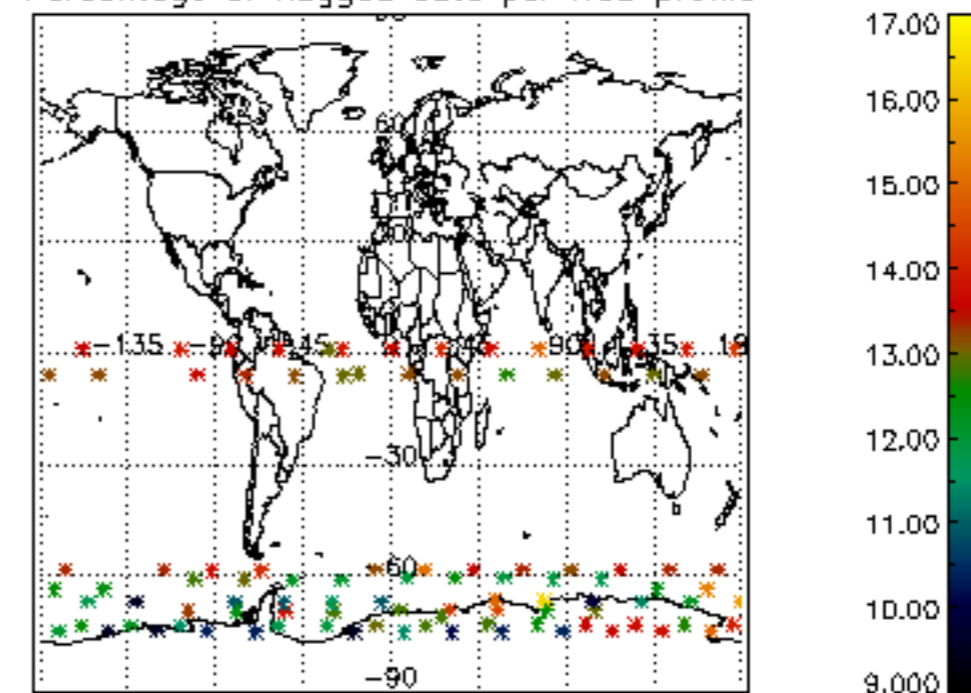
Percentage of flagged data per H2O profile

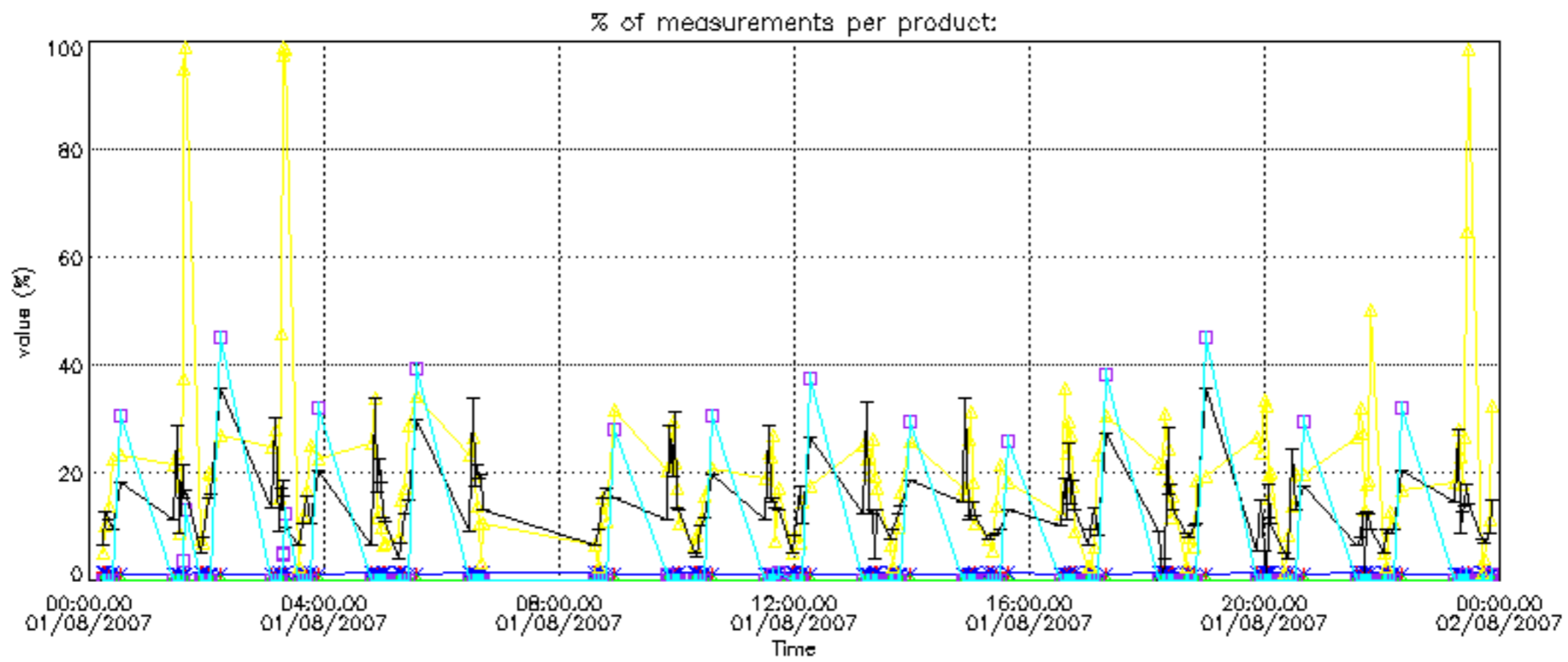


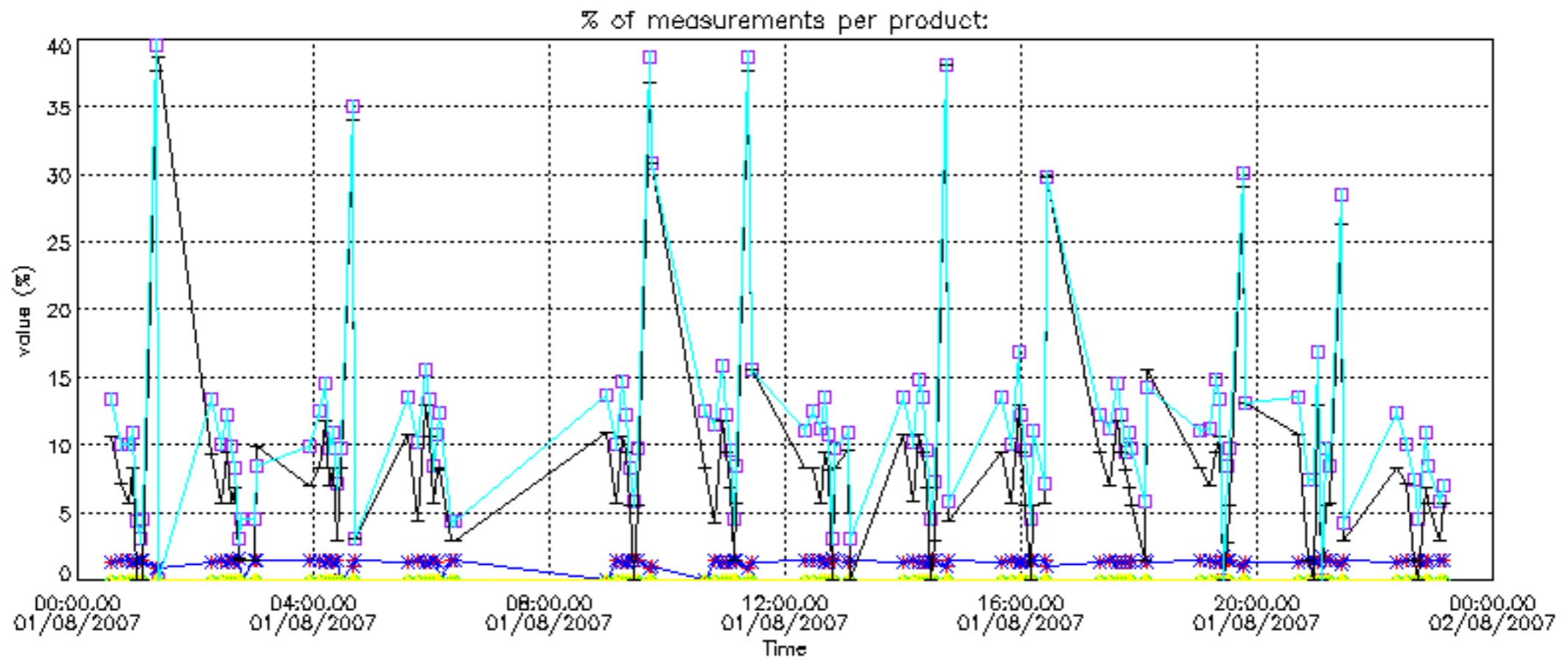
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

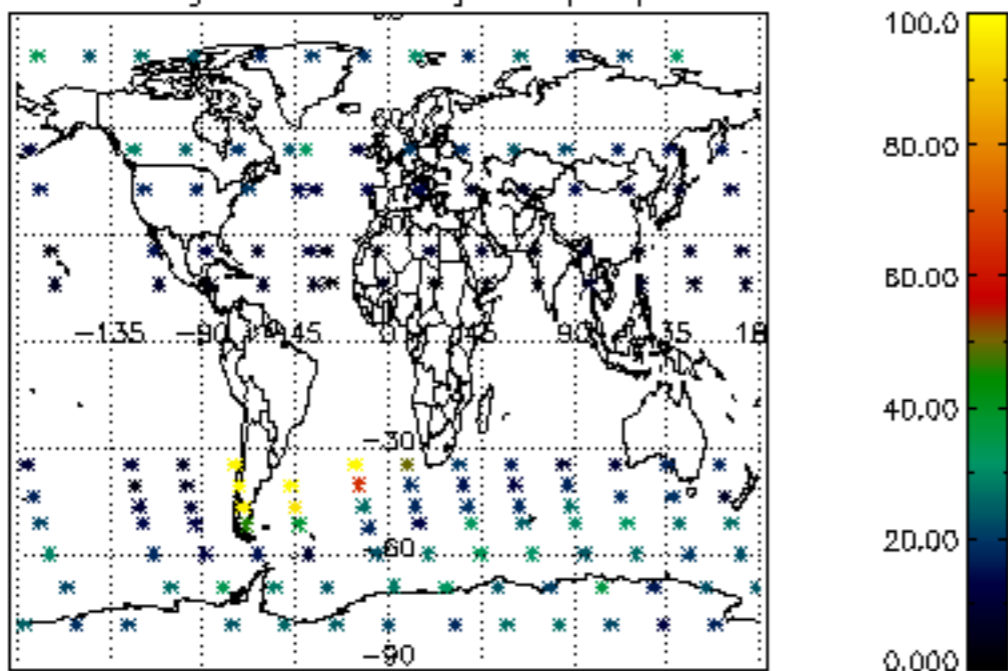




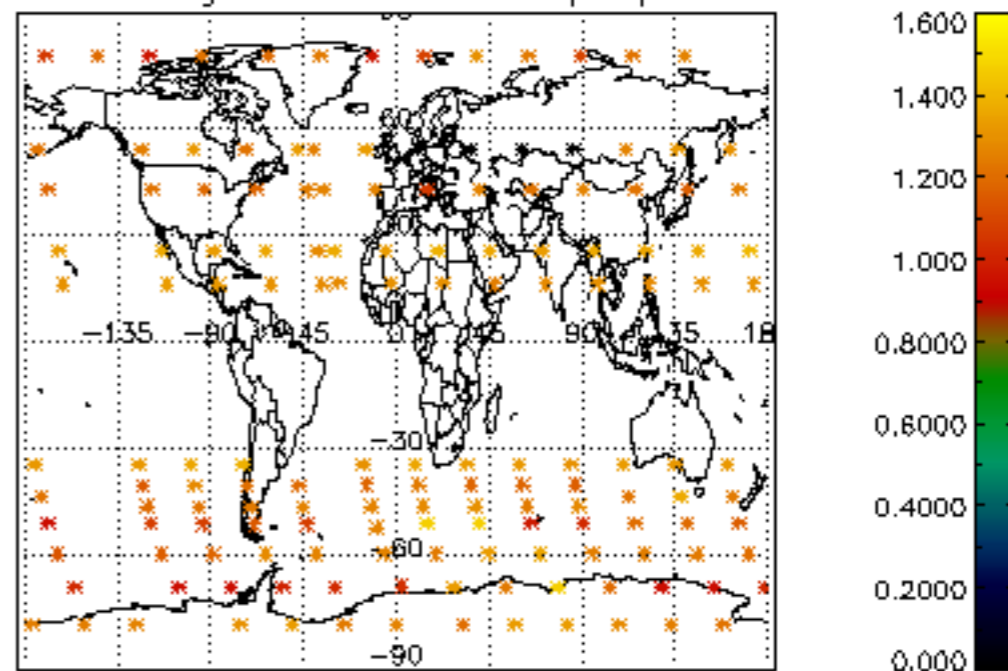




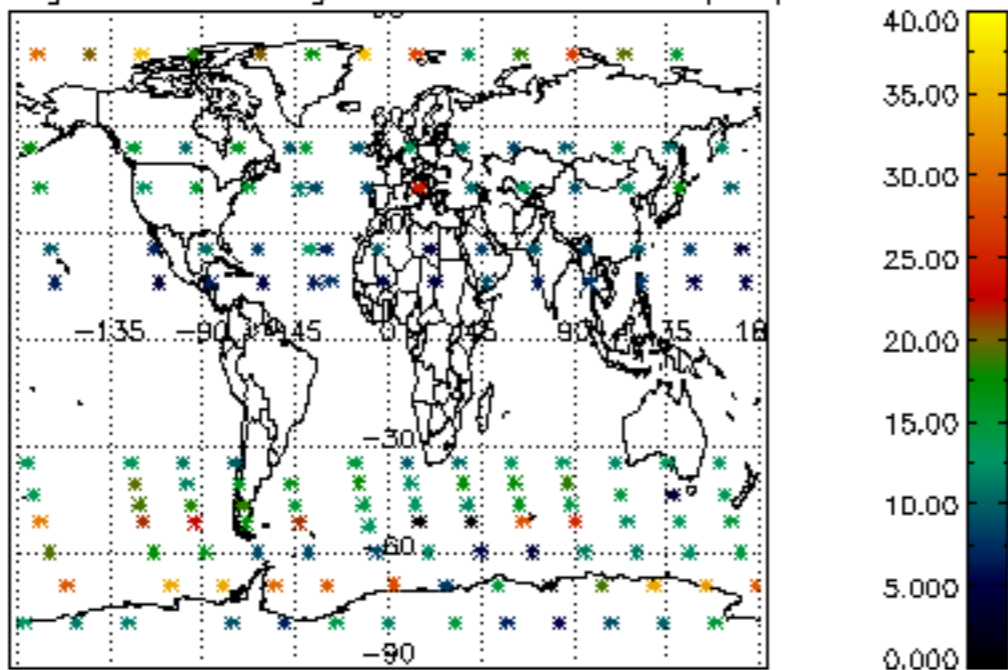
Percentage of cosmic ray hits per profile



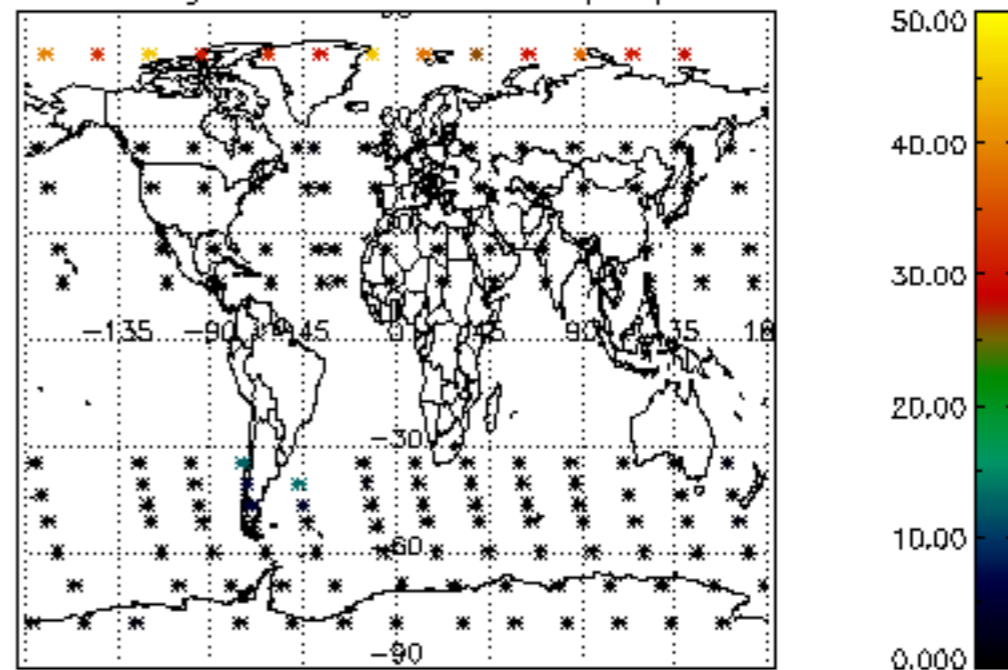
Percentage of datation errors per profile



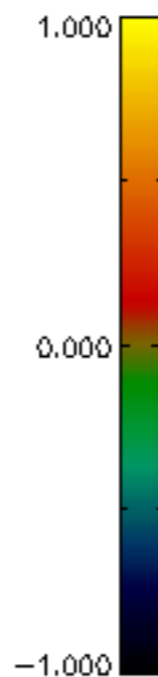
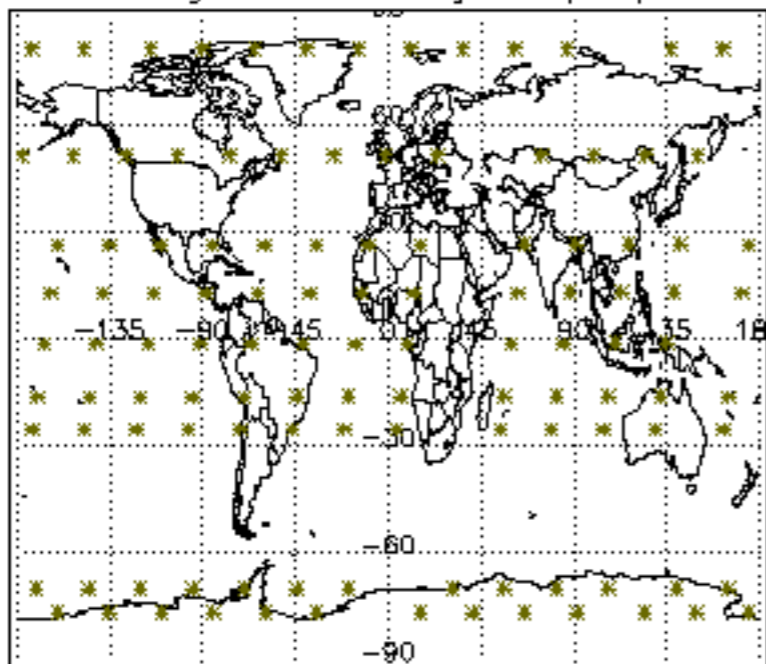
Percentage of star falling outside central band per profile



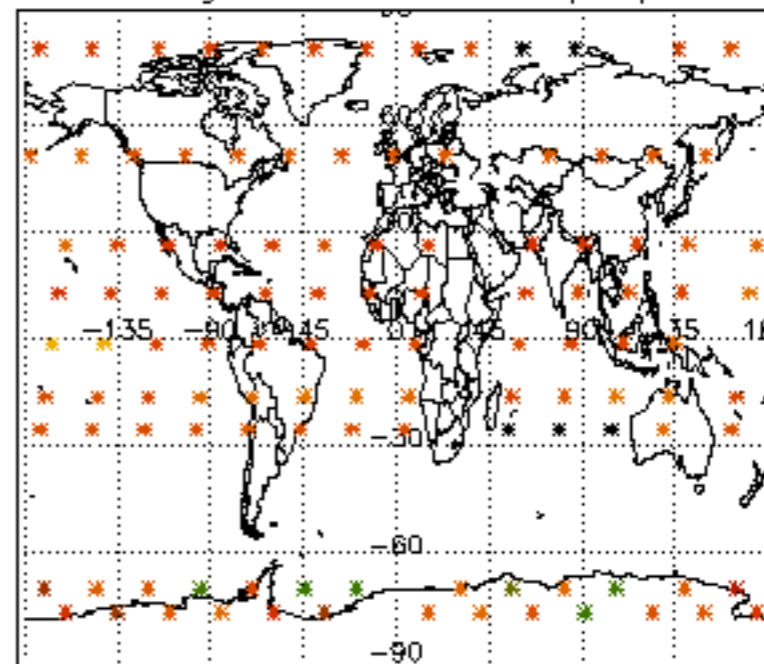
Percentage of saturation errors per profile



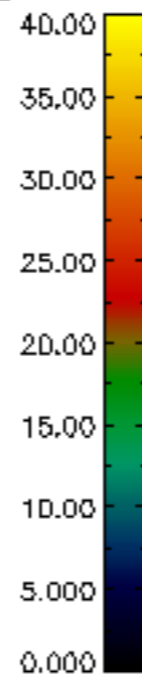
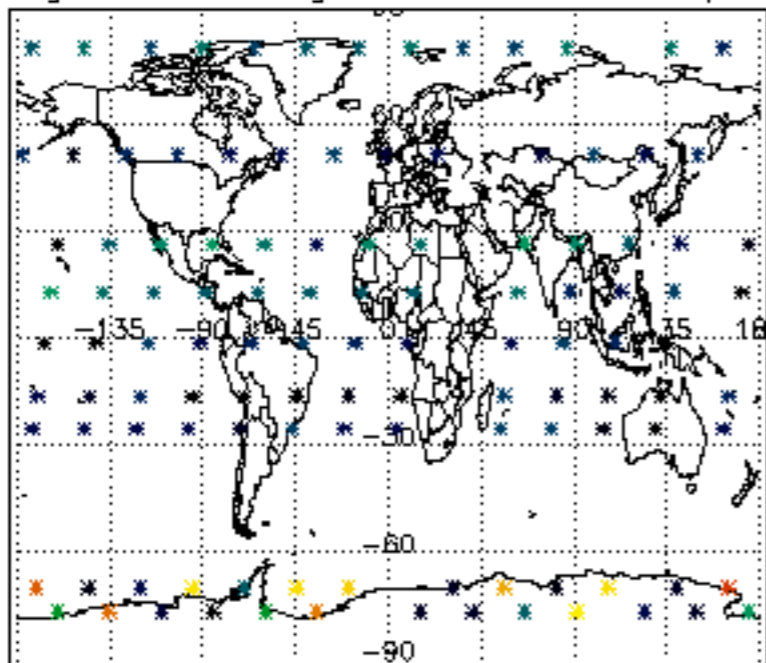
Percentage of cosmic ray hits per profile



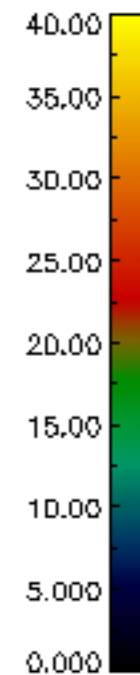
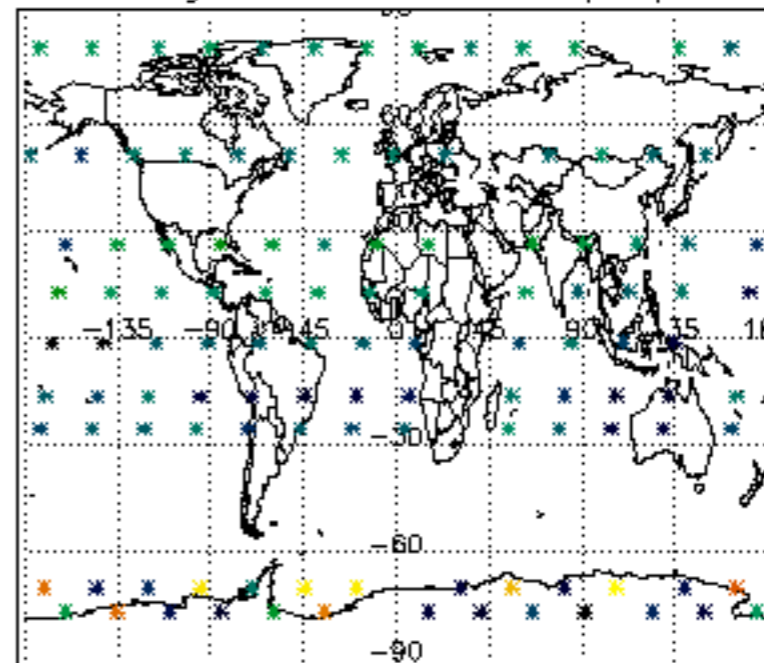
Percentage of datation errors per profile

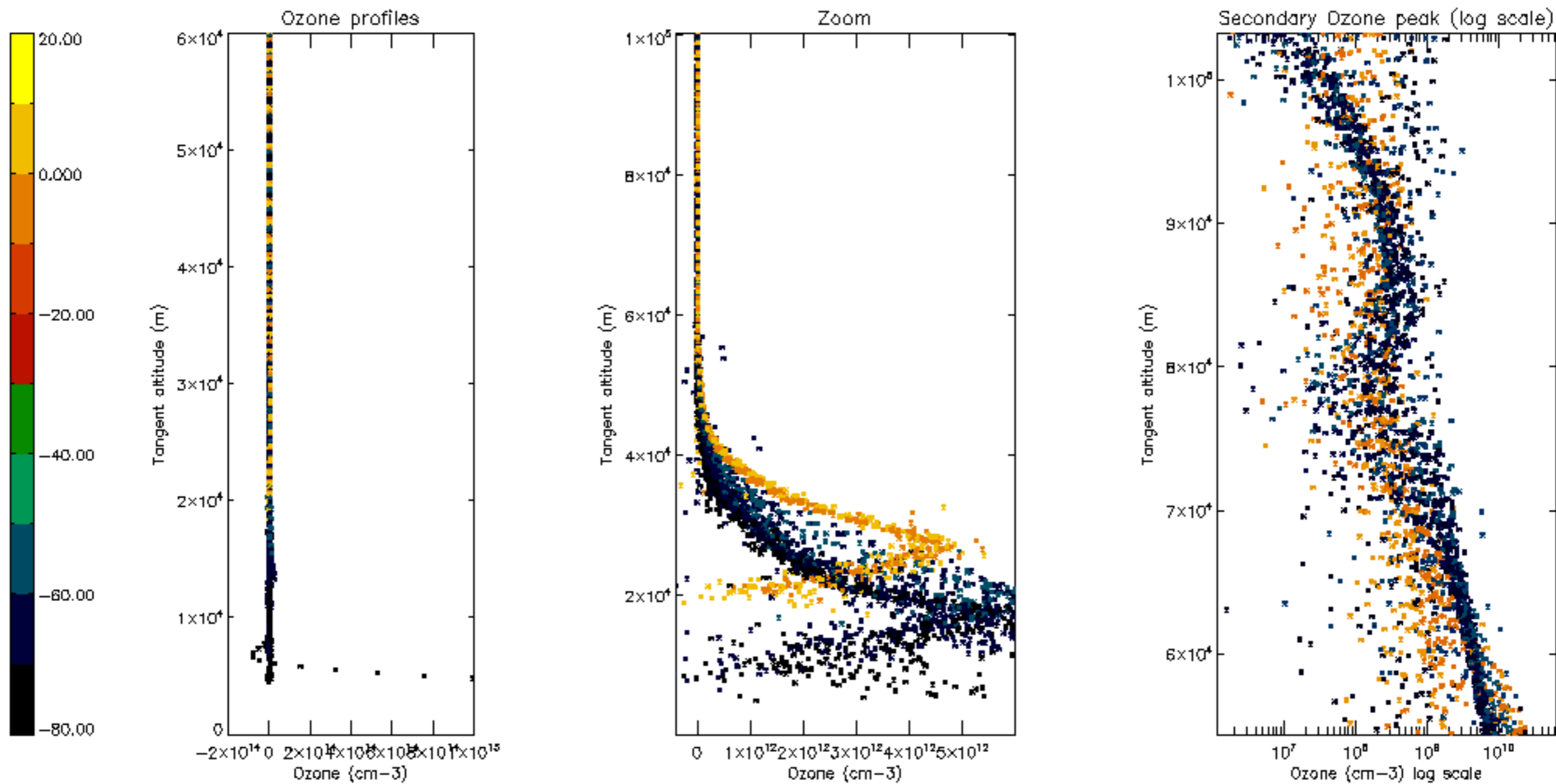


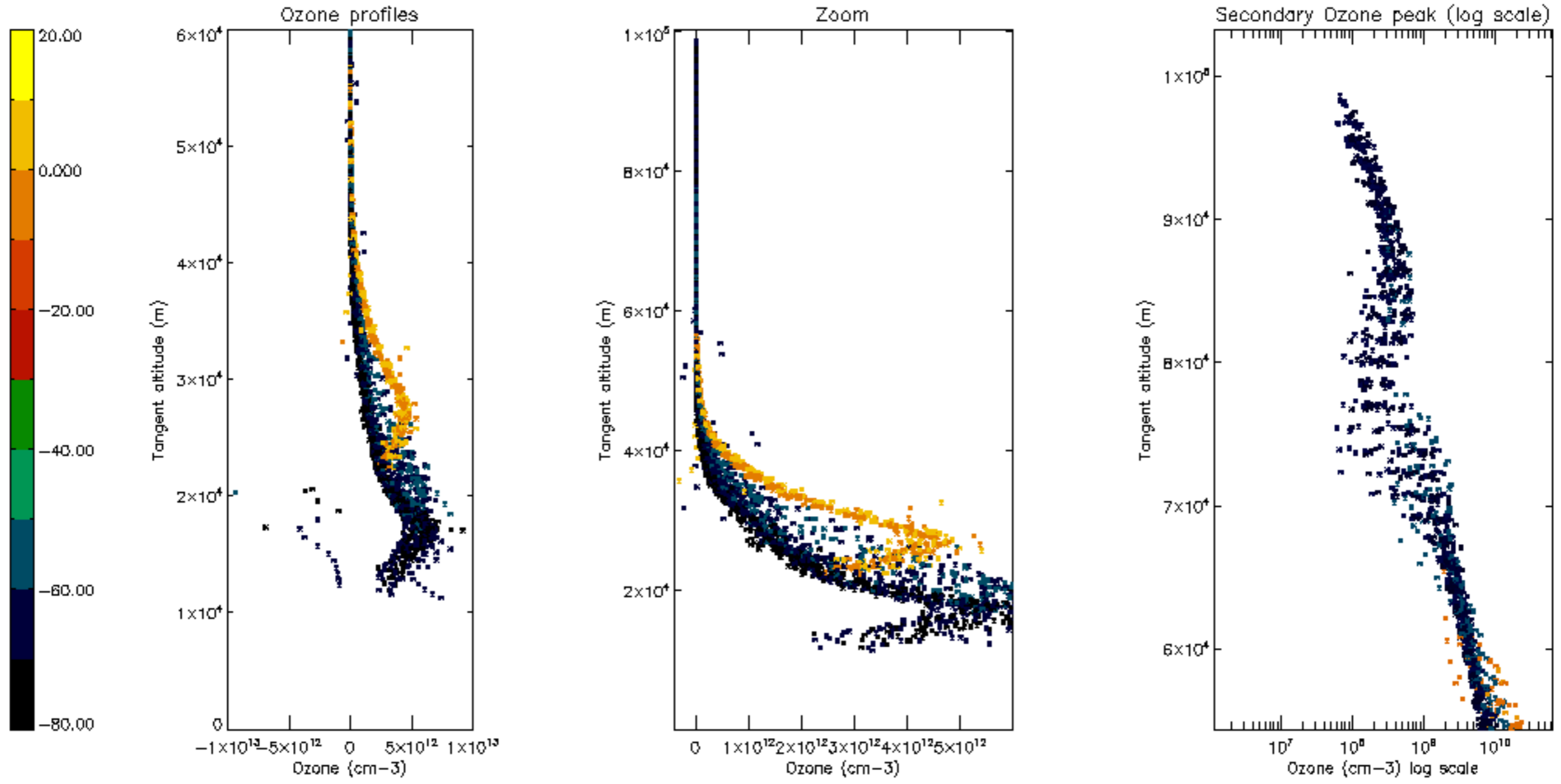
Percentage of star falling outside central band per profile



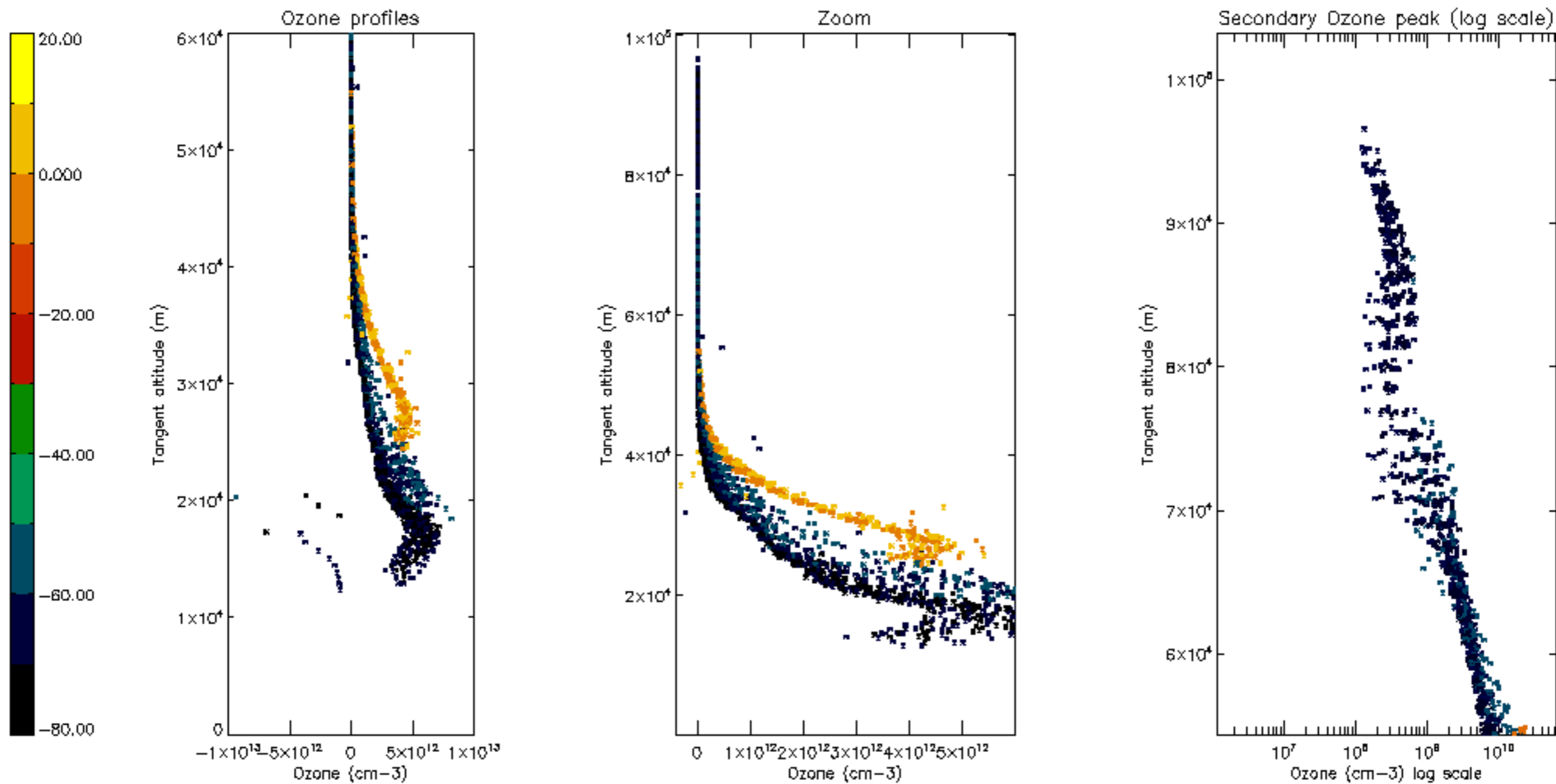
Percentage of saturation errors per profile

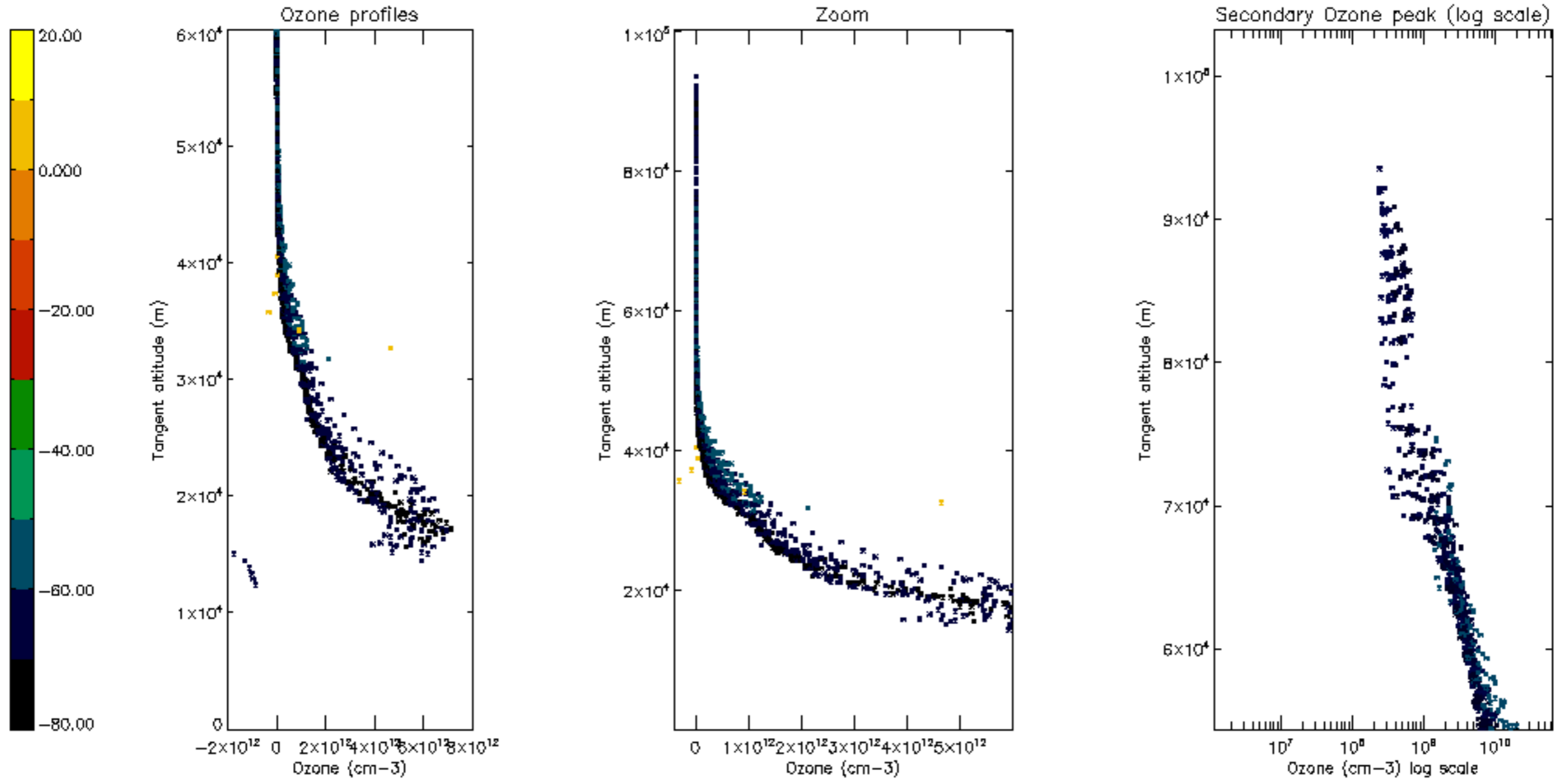


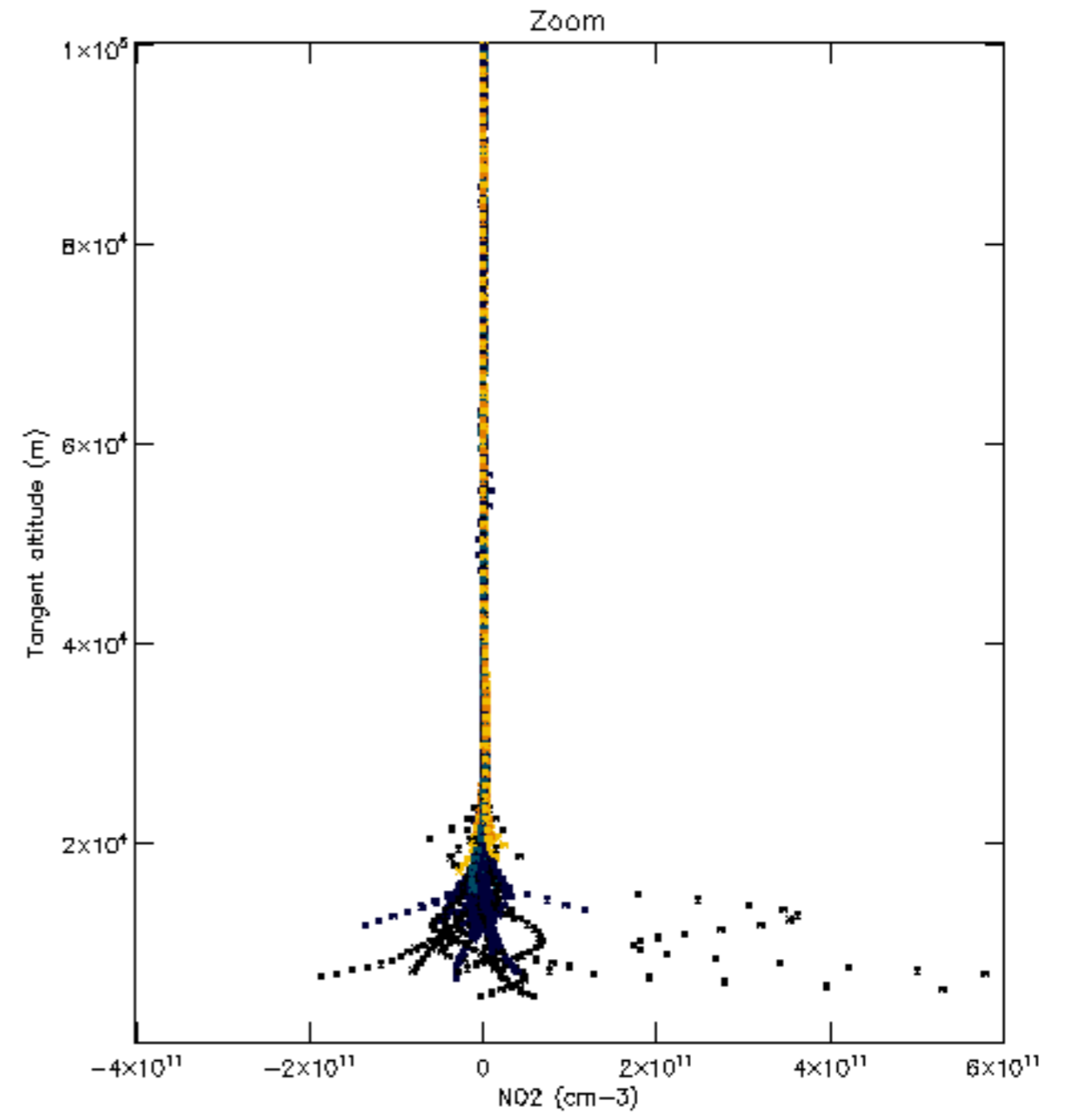
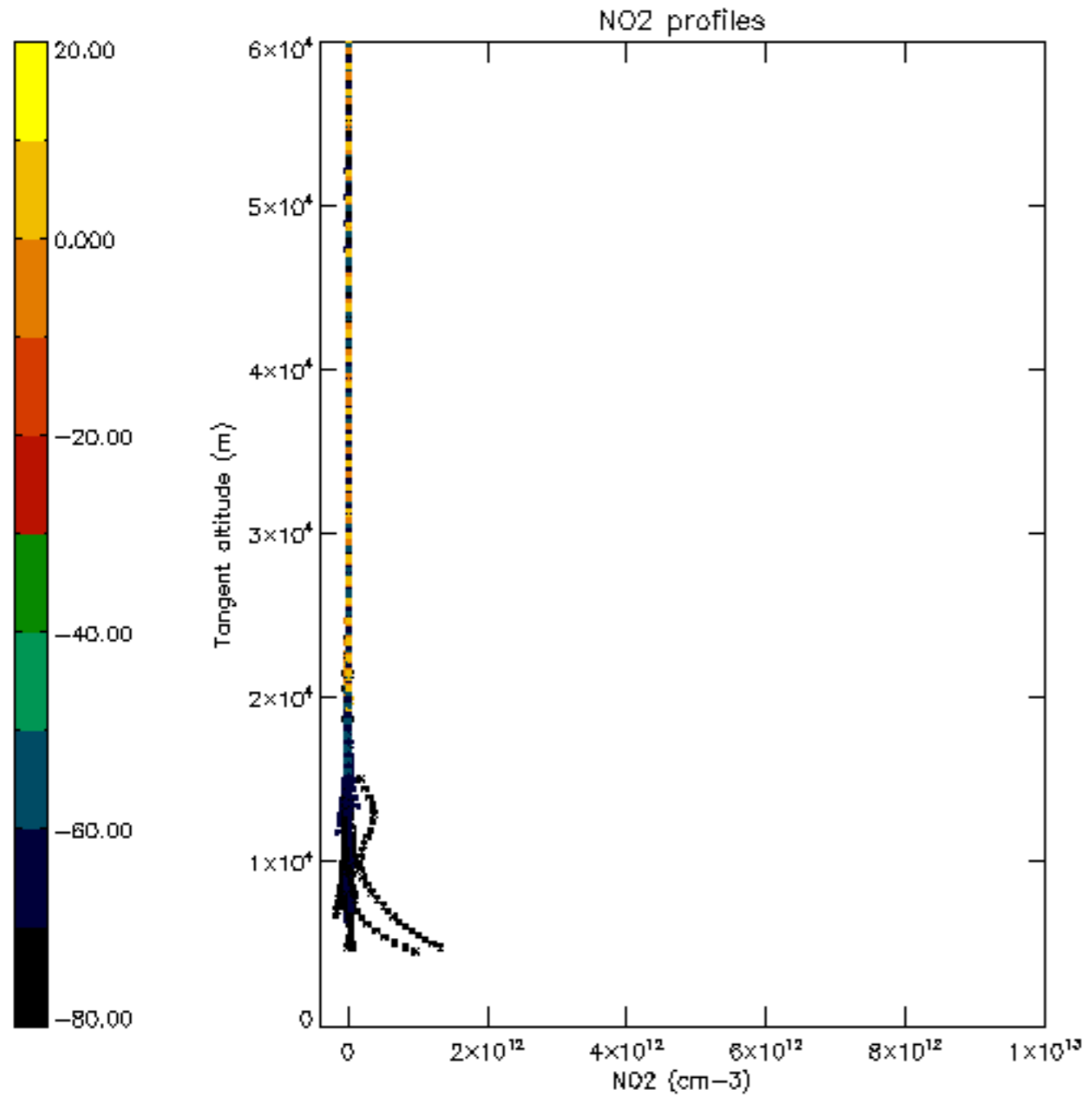


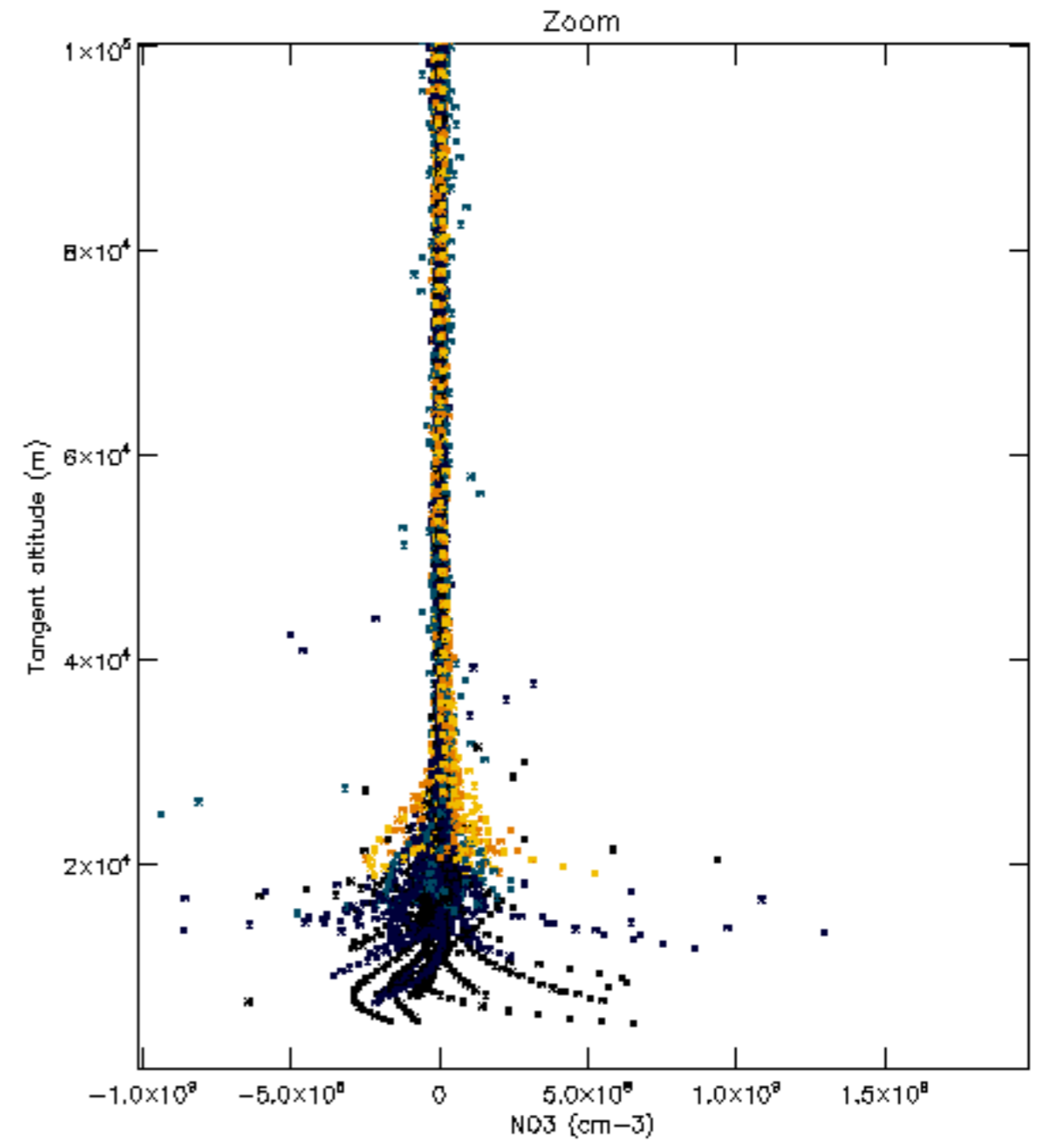
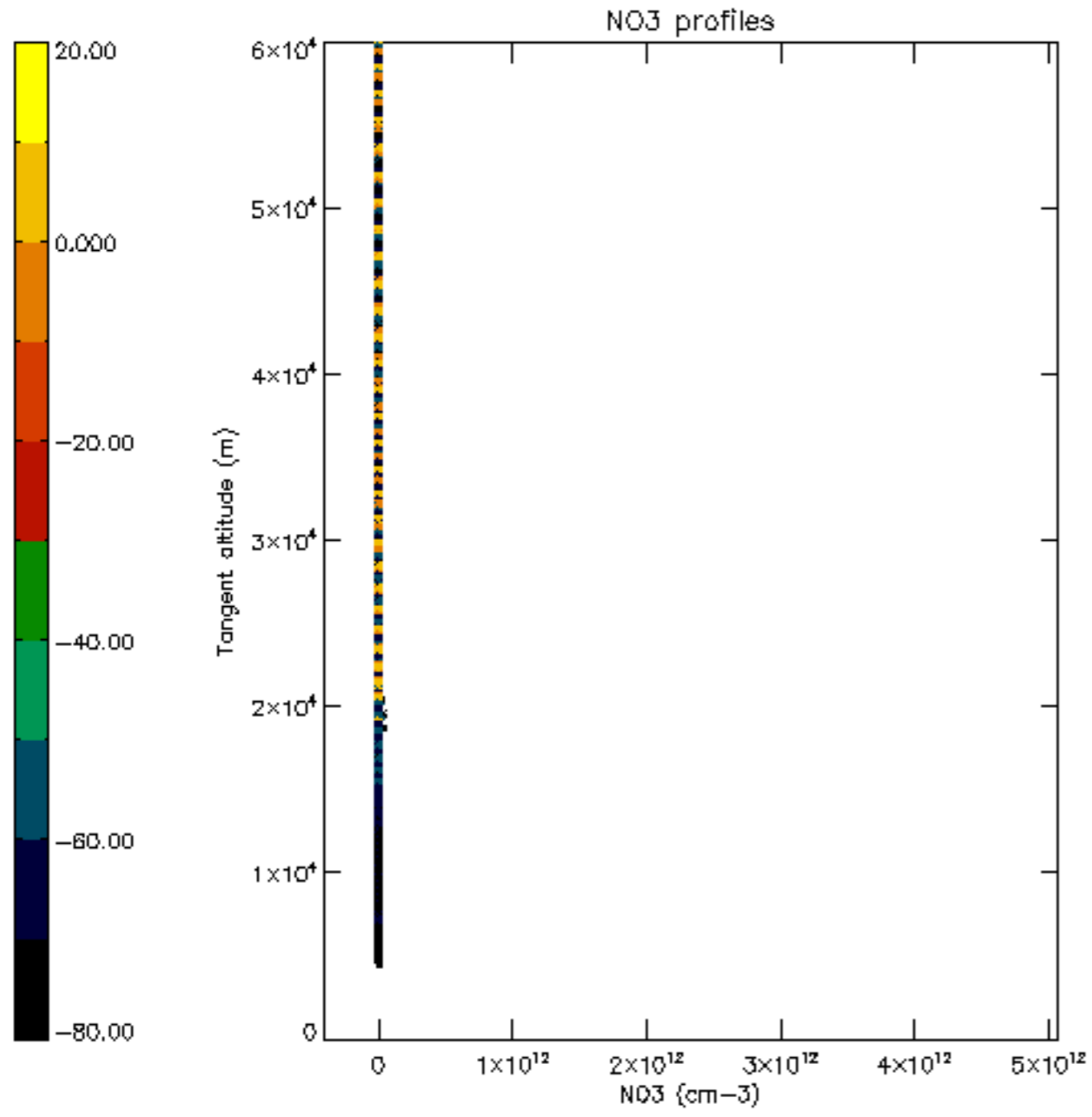




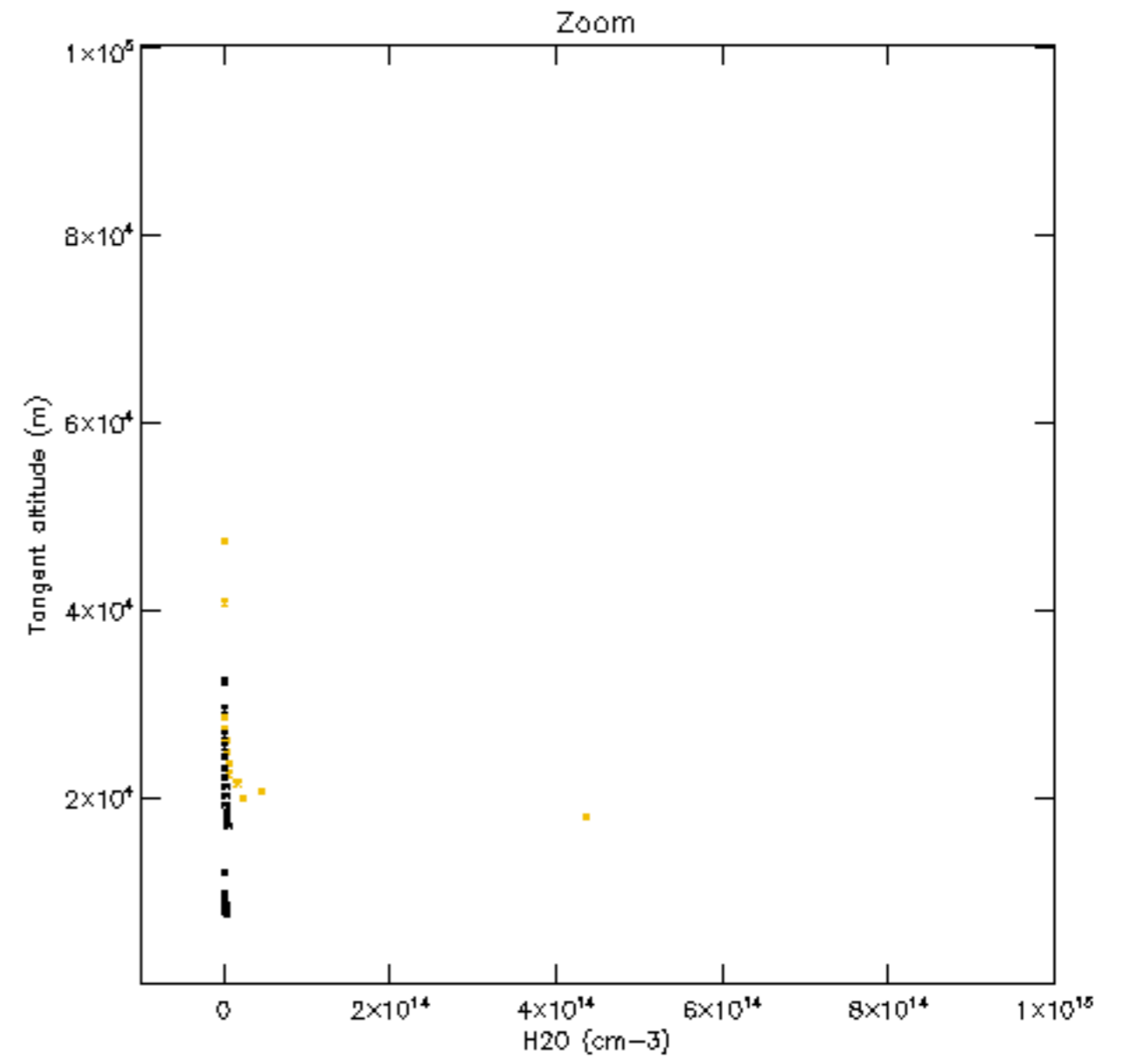
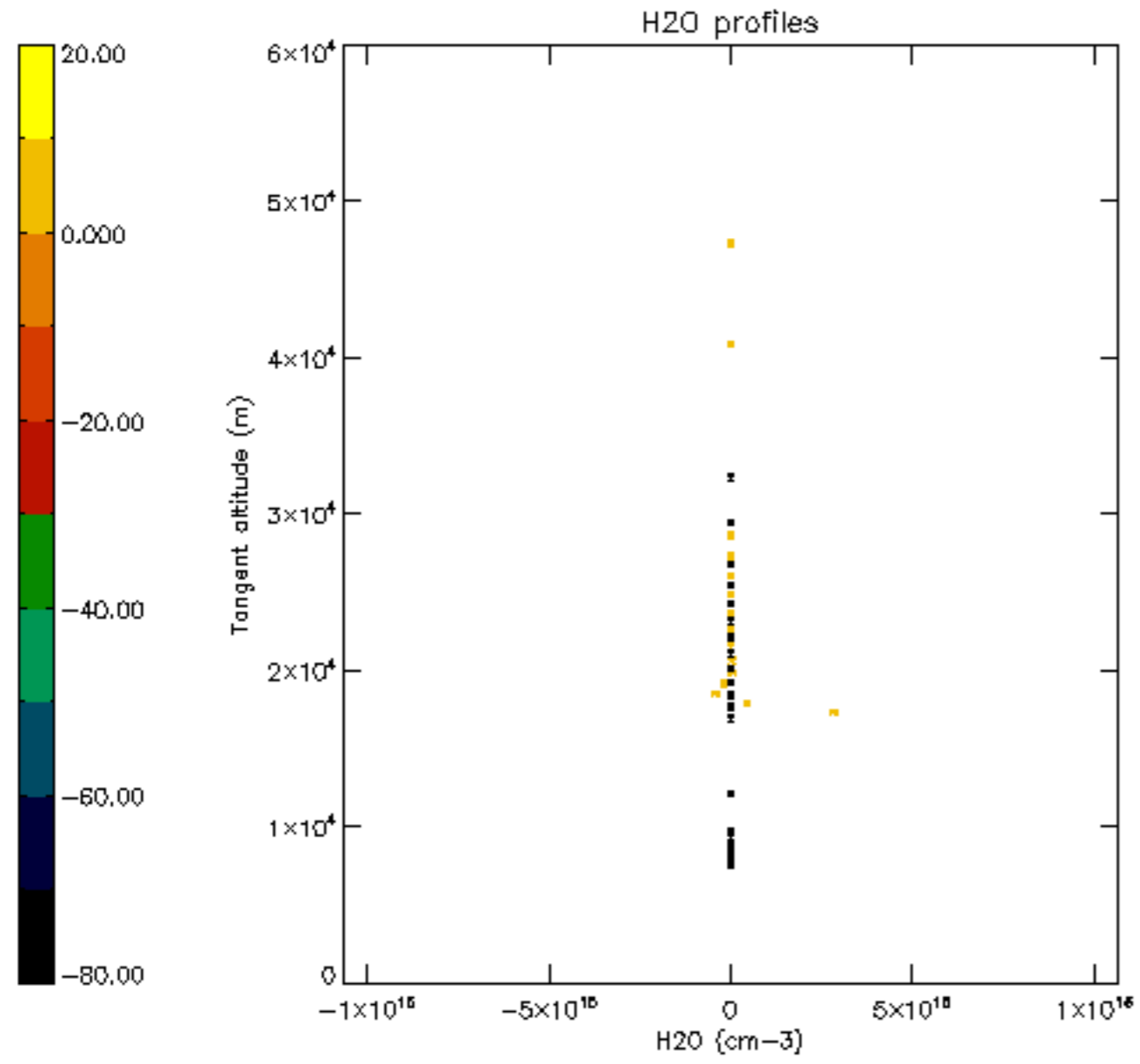


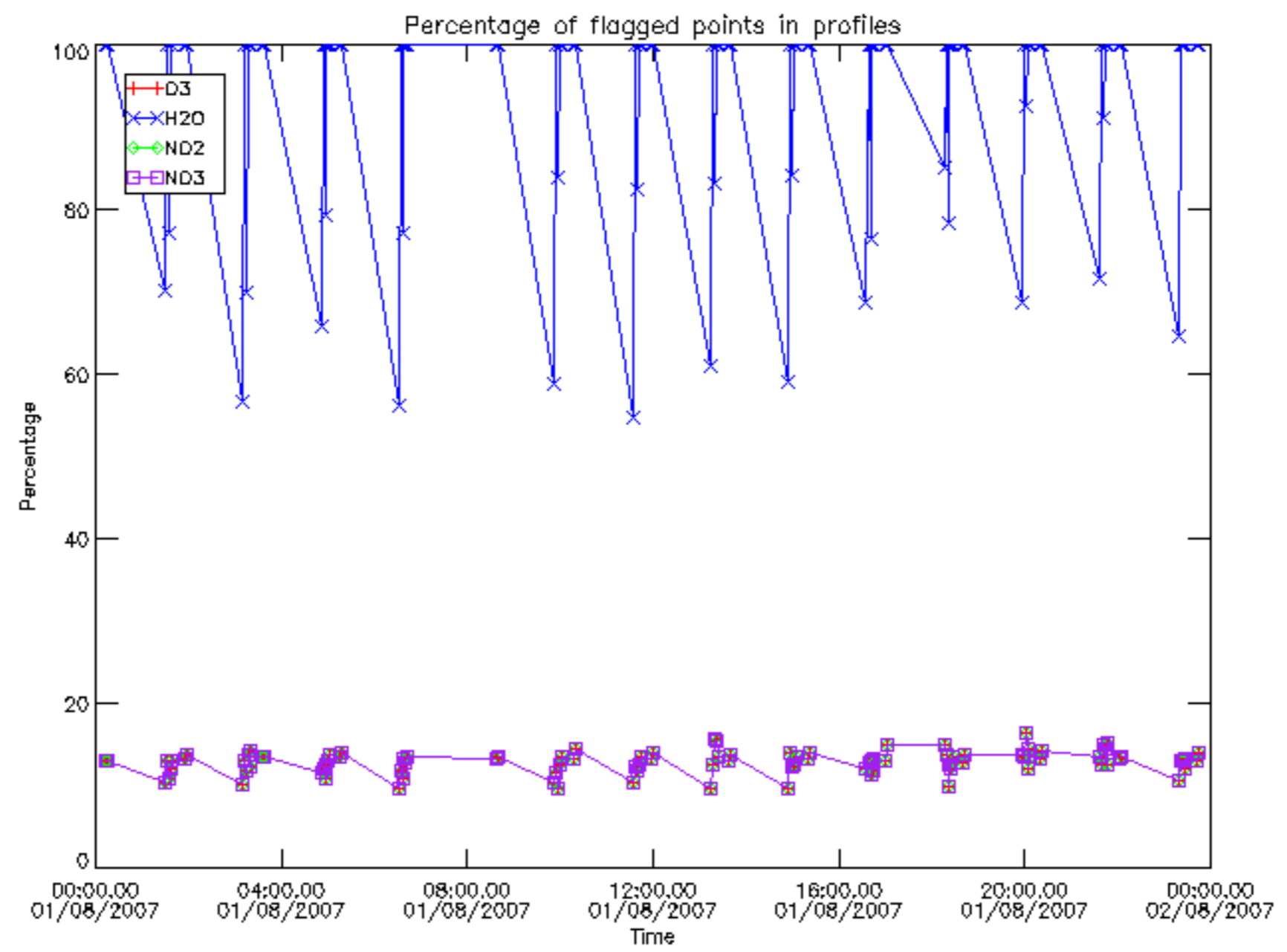




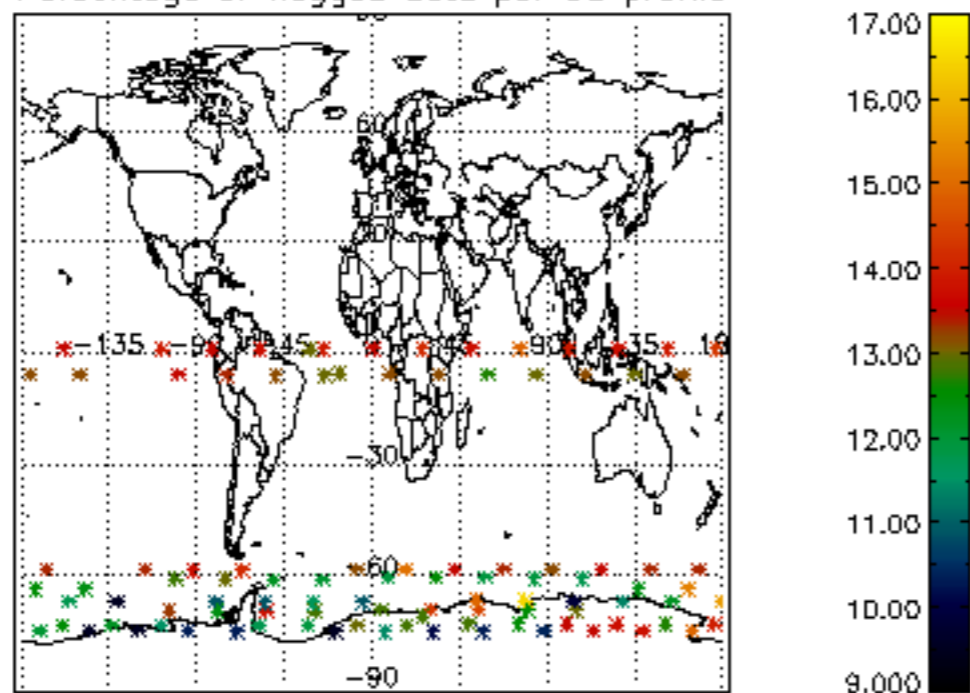




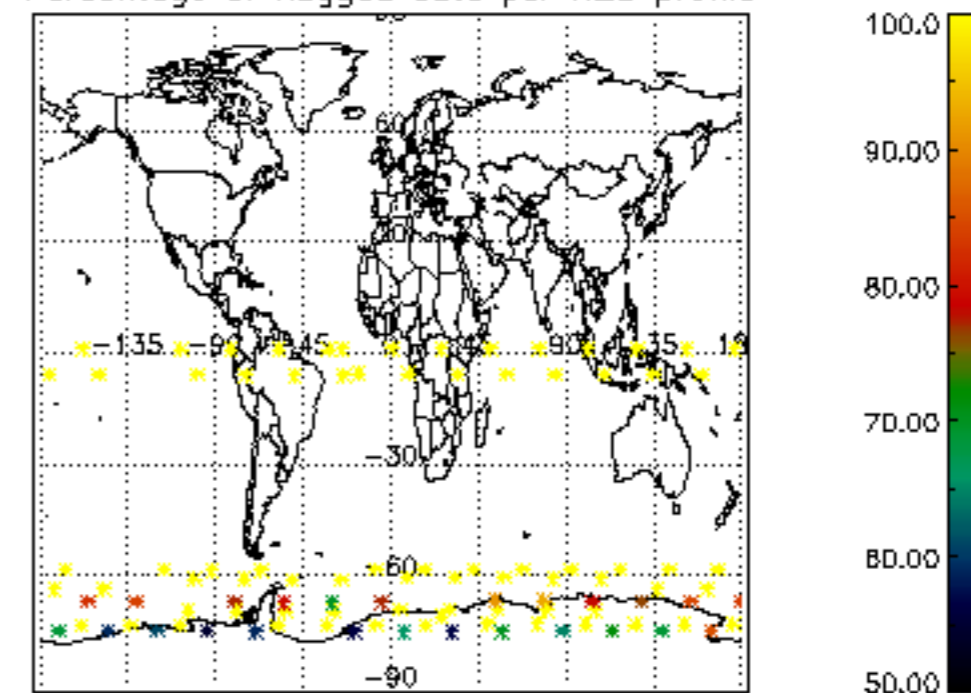




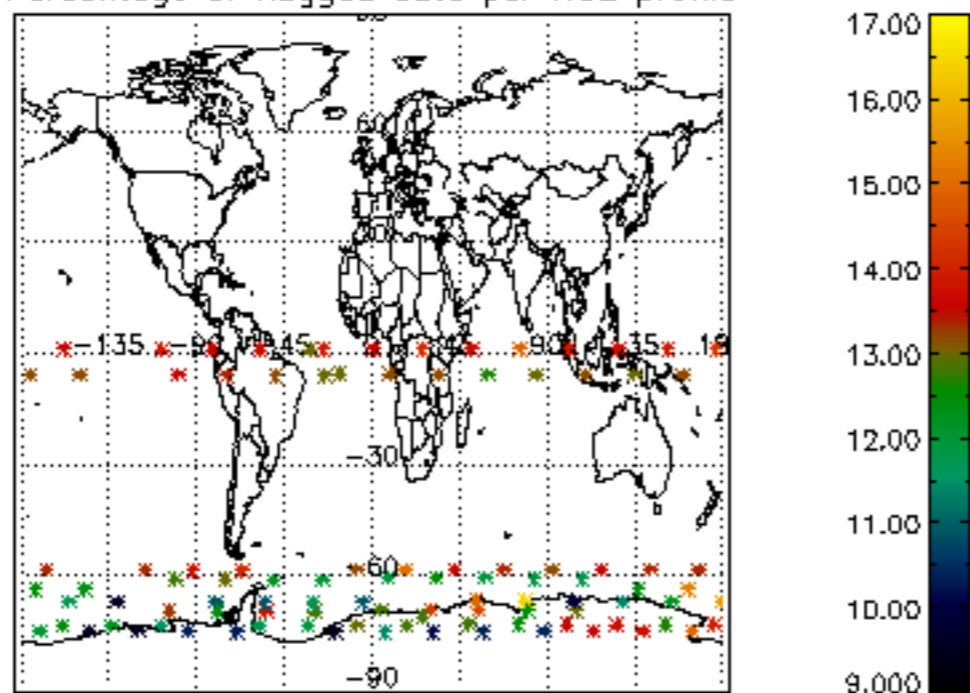
Percentage of flagged data per D3 profile



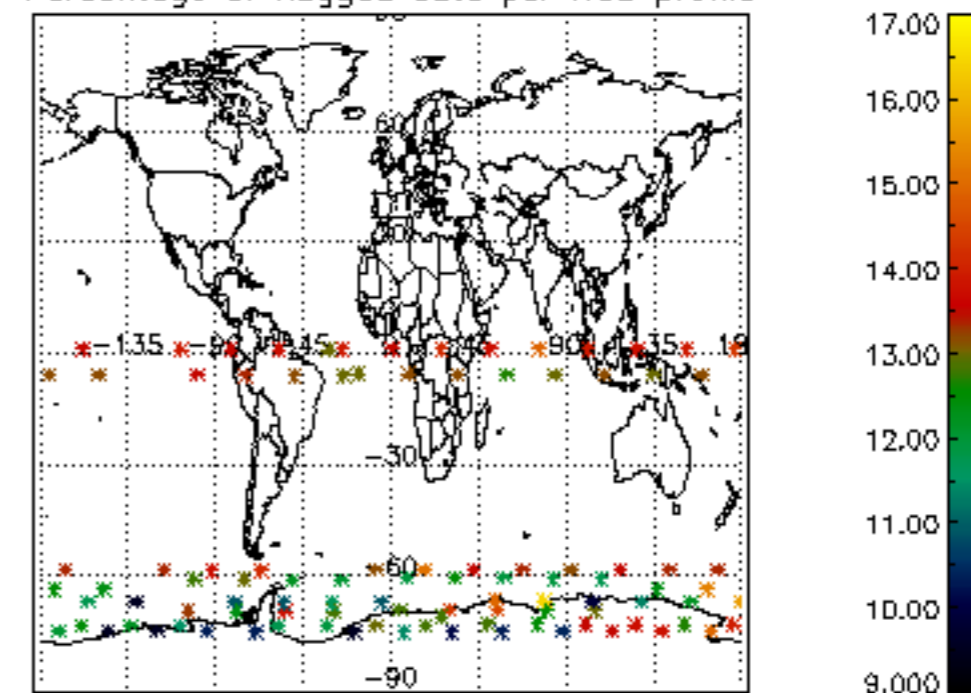
Percentage of flagged data per H2O profile

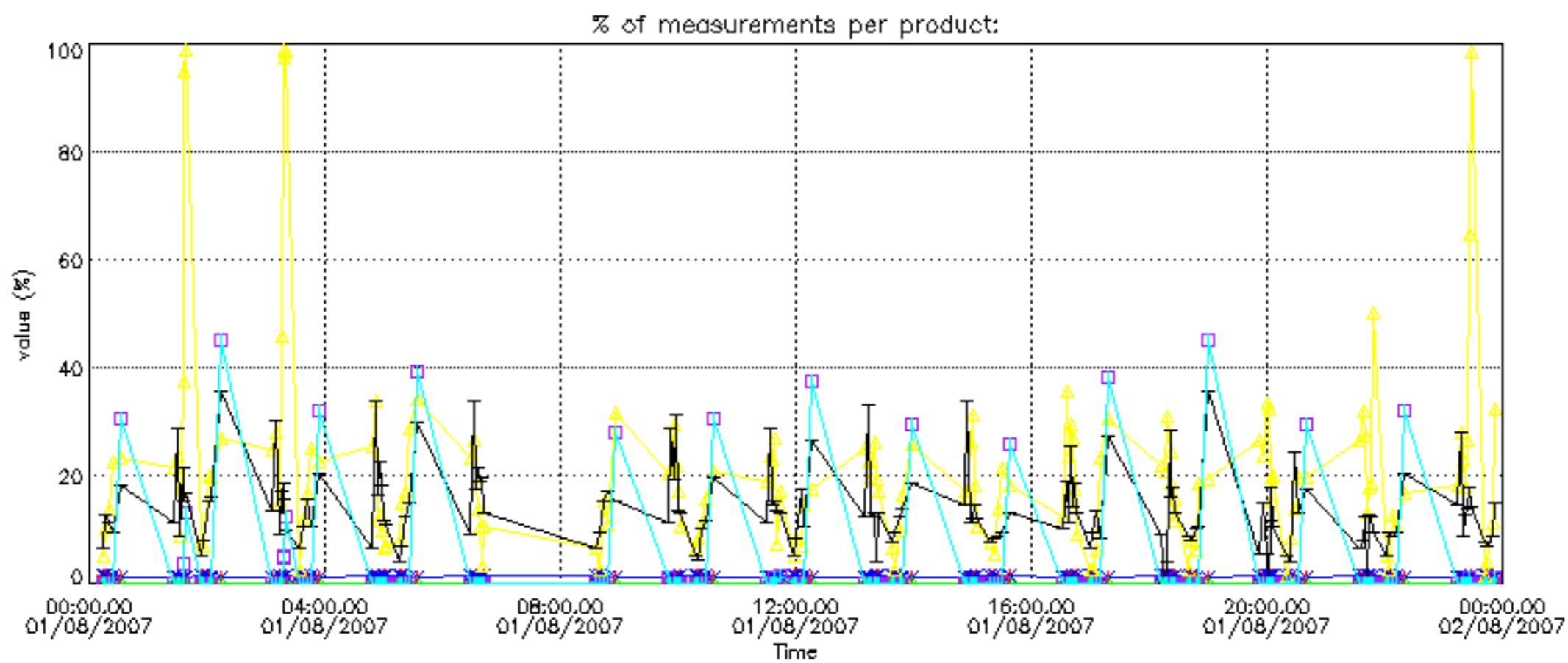


Percentage of flagged data per NO2 profile

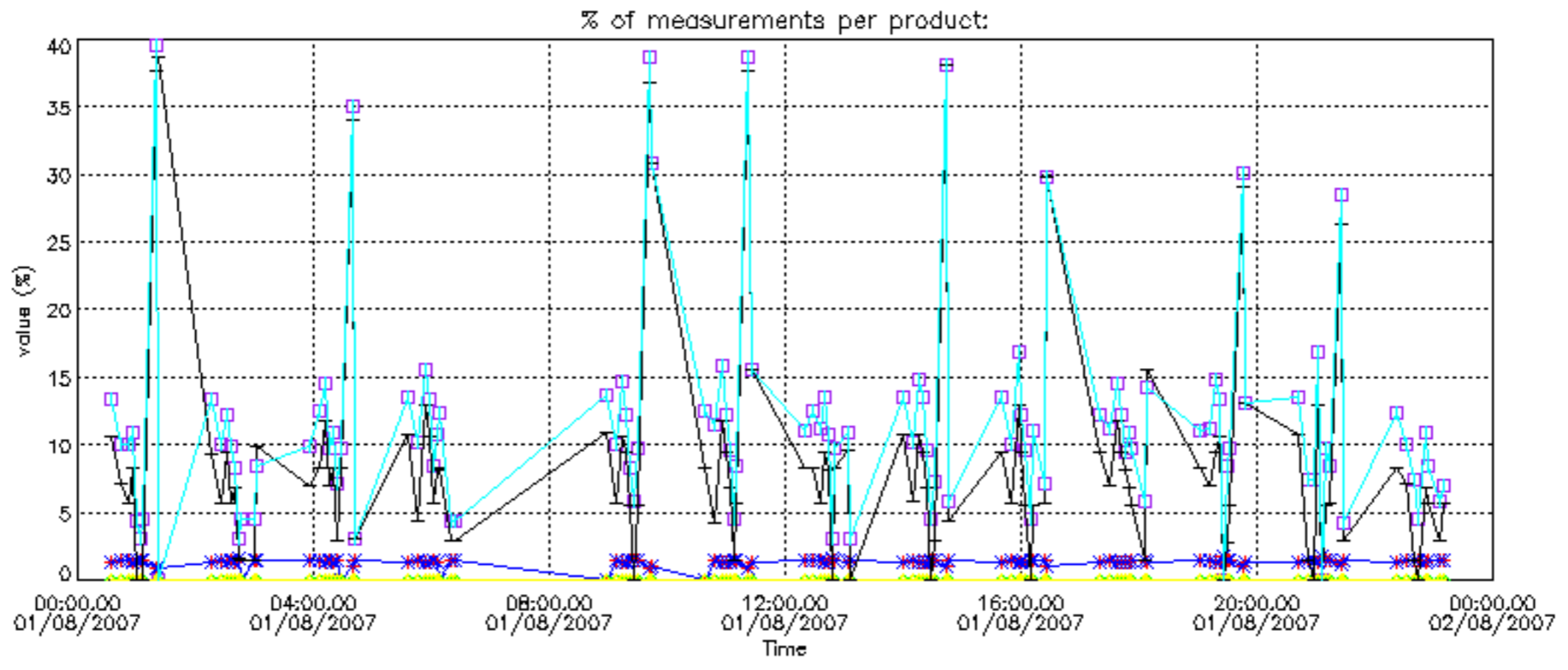


Percentage of flagged data per NO3 profile

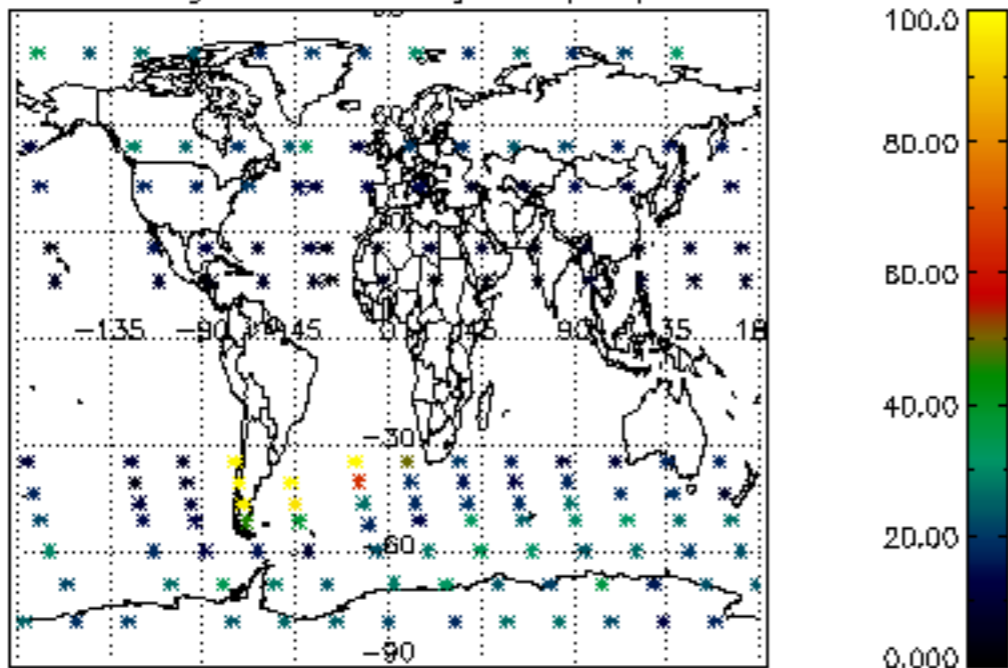




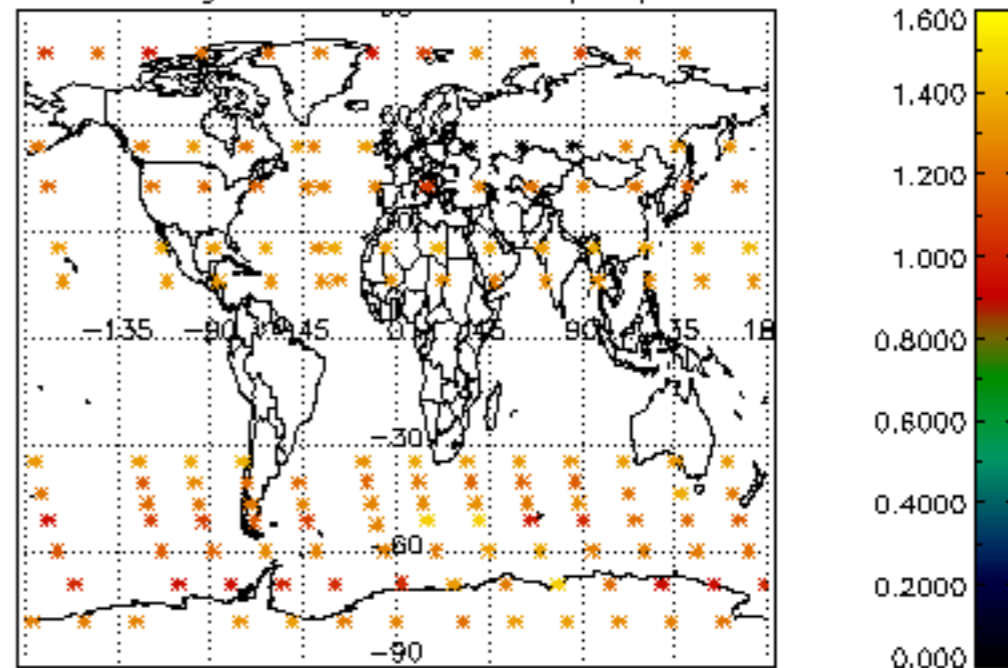




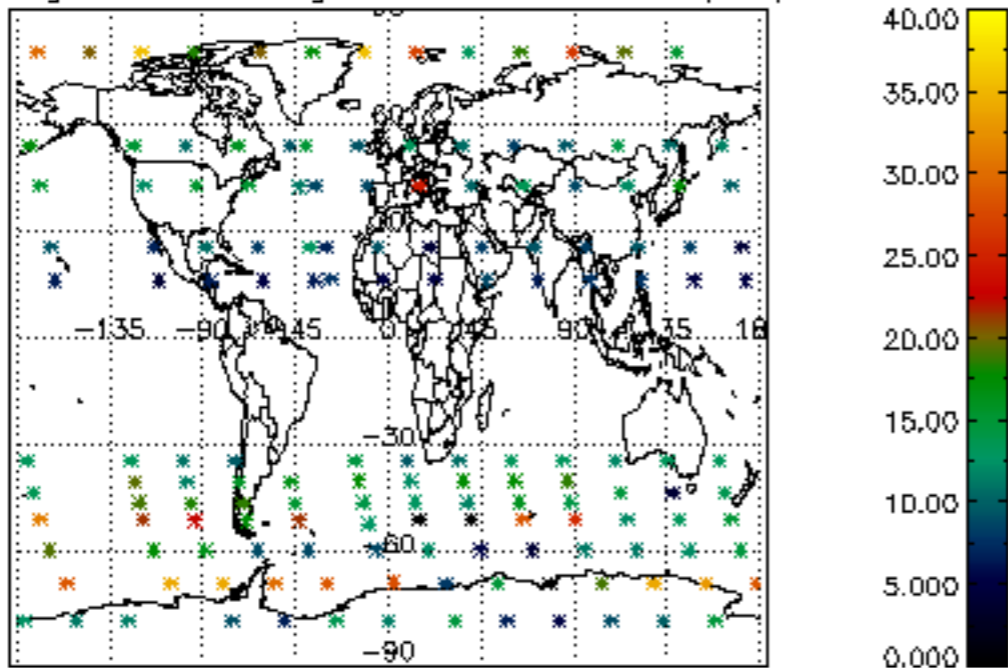
Percentage of cosmic ray hits per profile



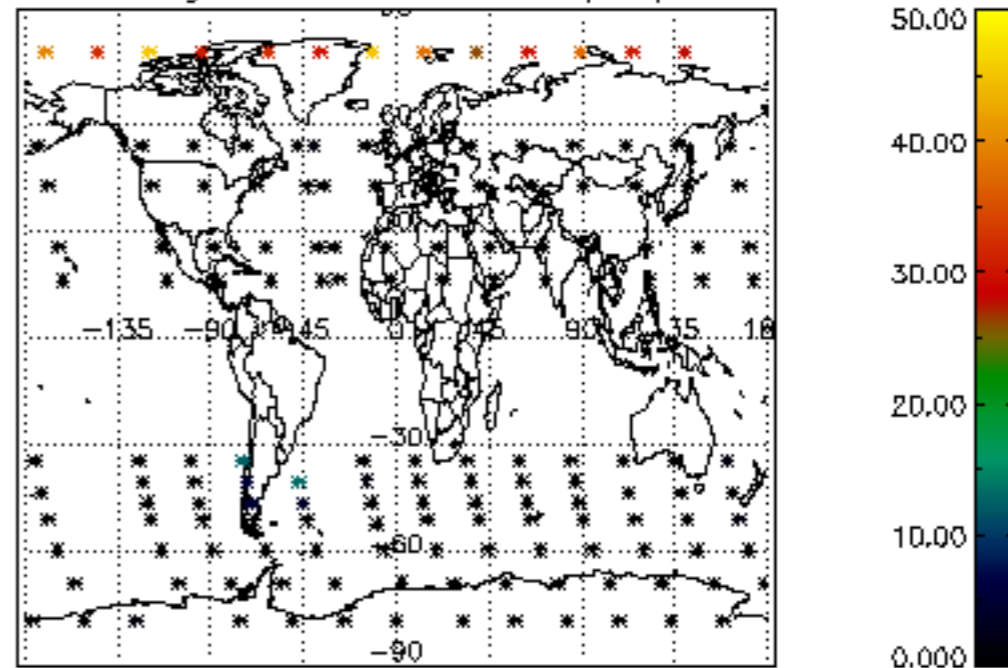
Percentage of datation errors per profile



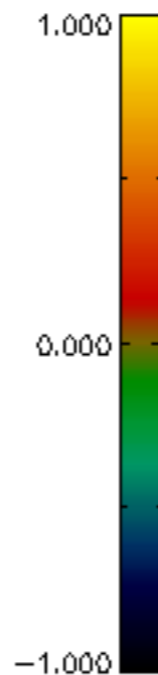
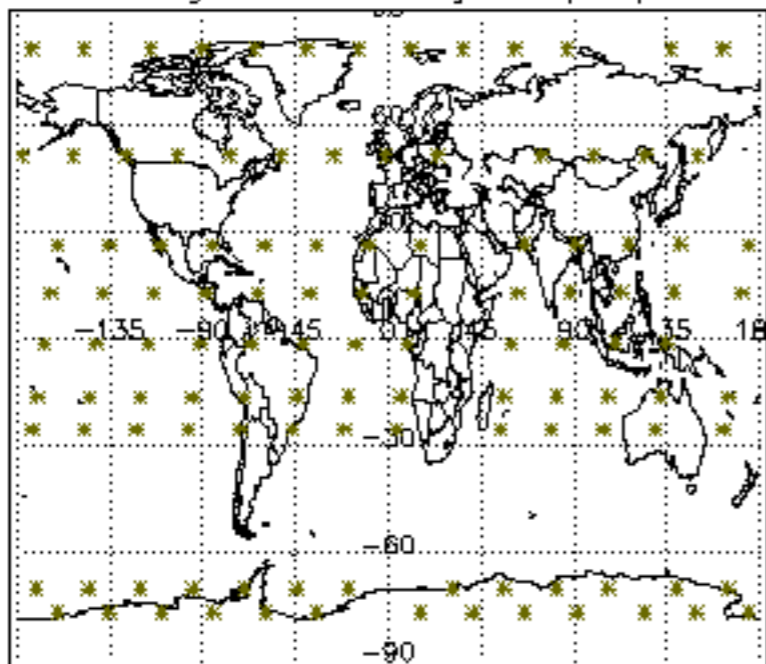
Percentage of star falling outside central band per profile



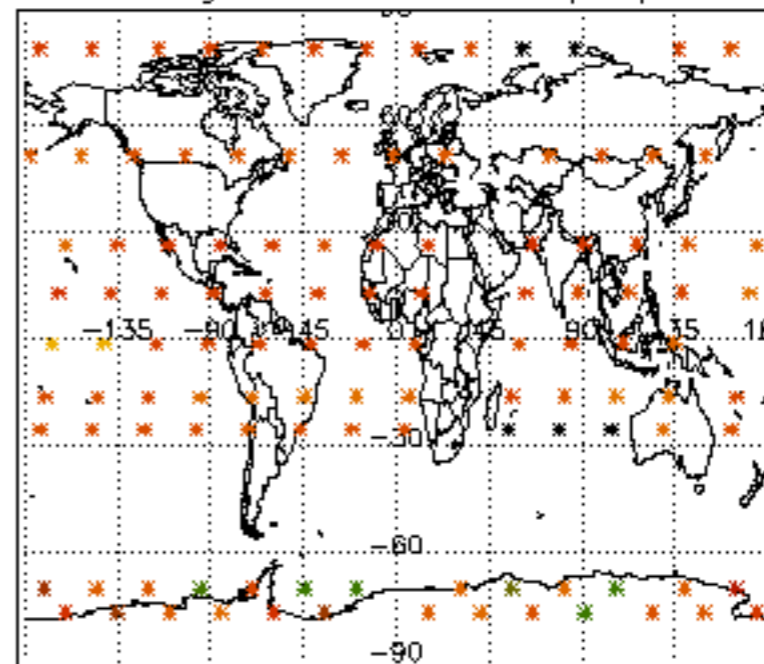
Percentage of saturation errors per profile



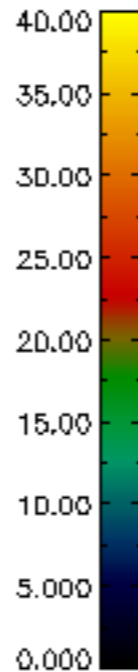
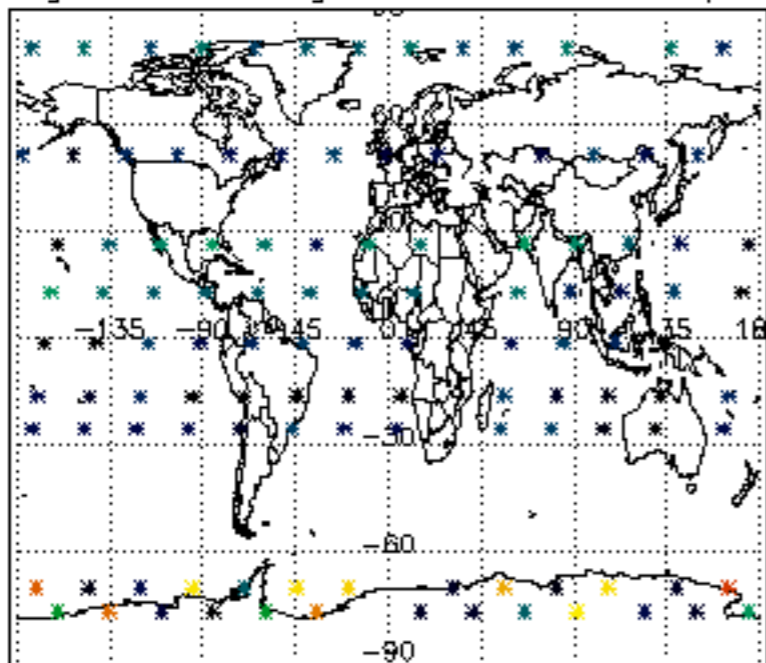
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

