

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 23:22:51
Data source version	GOMOS/6.01
Start time of products	08-08-2007 (08AUG2007 00:00:00)
Stop time of products	09-08-2007 (09AUG2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	223
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__2PRFIN20070808_000127_000000492060_00317_28427_6082.N1	08-AUG-2007 00:01:27	Straylight	49.000	148	Alp Tuc	2.8780	4100.0	98	28427	No
2	GOM_NL__2PRFIN20070808_000455_000000432060_00317_28427_6083.N1	08-AUG-2007 00:04:55	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	28427	No
3	GOM_NL__2PRFIN20070808_002308_000000352060_00317_28427_6084.N1	08-AUG-2007 00:23:08	Bright	35.000	11	53Alp Aql	0.76500	8000.0	70	28427	No
4	GOM_NL__2PRFIN20070808_002444_000000352060_00317_28427_6085.N1	08-AUG-2007 00:24:44	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	28427	No
5	GOM_NL__2PRFIN20070808_003151_000000372060_00317_28427_6086.N1	08-AUG-2007 00:31:51	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	28427	No
6	GOM_NL__2PRFIN20070808_003331_000000362060_00317_28427_6087.N1	08-AUG-2007 00:33:31	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	28427	No
7	GOM_NL__2PRFIN20070808_004610_000000342060_00317_28427_6088.N1	08-AUG-2007 00:46:10	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	28427	No
8	GOM_NL__2PRFIN20070808_005909_000000542060_00317_28427_6089.N1	08-AUG-2007 00:59:09	Bright	54.000	42	34Bet Aur	1.9000	10200.	108	28427	No
9	GOM_NL__2PRFIN20070808_010127_000000352060_00317_28427_6090.N1	08-AUG-2007 01:01:27	Bright	35.000	107	37The Aur	2.6490	11000.	70	28427	No
10	GOM_NL__2PRFIN20070808_011017_000000522060_00317_28427_6091.N1	08-AUG-2007 01:10:17	Dark	51.500	14	58Alp Ori	0.87000	3000.0	103	28427	No
11	GOM_NL__2PRFIN20070808_011311_000000462060_00317_28427_6092.N1	08-AUG-2007 01:13:11	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	28427	No
12	GOM_NL__2PRFIN20070808_011516_000000422060_00317_28427_6093.N1	08-AUG-2007 01:15:16	Dark	41.500	56	53Kap Ori	2.0650	30000.	83	28427	No
13	GOM_NL__2PRFIN20070808_011648_000000412060_00317_28427_6094.N1	08-AUG-2007 01:16:48	Dark	41.000	47	2Bet CMa	1.9760	28000.	82	28427	No
14	GOM_NL__2PRFIN20070808_011850_000000402060_00317_28427_6095.N1	08-AUG-2007 01:18:50	Dark	40.000	139	9Bet Lep	2.8330	5600.0	80	28427	No
15	GOM_NL__2PRFIN20070808_013538_000000432060_00318_28428_6126.N1	08-AUG-2007 01:35:38	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28428	No
16	GOM_NL__2PRFIN20070808_014203_000000432060_00318_28428_6127.N1	08-AUG-2007 01:42:03	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	28428	No
17	GOM_NL__2PRFIN20070808_014531_000000432060_00318_28428_6128.N1	08-AUG-2007 01:45:31	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	28428	No
18	GOM_NL__2PRFIN20070808_020343_000000362060_00318_28428_6129.N1	08-AUG-2007 02:03:43	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28428	No
19	GOM_NL__2PRFIN20070808_020520_000000352060_00318_28428_6130.N1	08-AUG-2007 02:05:20	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	28428	No
20	GOM_NL__2PRFIN20070808_021227_000000352060_00318_28428_6131.N1	08-AUG-2007 02:12:27	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	28428	No
21	GOM_NL__2PRFIN20070808_021407_000000352060_00318_28428_6132.N1	08-AUG-2007 02:14:07	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	28428	No
22	GOM_NL__2PRFIN20070808_022646_000000362060_00318_28428_6133.N1	08-AUG-2007 02:26:46	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28428	No
23	GOM_NL__2PRFIN20070808_023945_000000372060_00318_28428_6134.N1	08-AUG-2007 02:39:45	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	28428	No
24	GOM_NL__2PRFIN20070808_024203_000000352060_00318_28428_6135.N1	08-AUG-2007 02:42:03	Bright	35.000	107	37The Aur	2.6490	11000.	70	28428	No
25	GOM_NL__2PRFIN20070808_025053_000000552060_00318_28428_6136.N1	08-AUG-2007 02:50:53	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28428	No
26	GOM_NL__2PRFIN20070808_025347_000000462060_00318_28428_6137.N1	08-AUG-2007 02:53:47	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	28428	No
27	GOM_NL__2PRFIN20070808_025552_000000422060_00318_28428_6138.N1	08-AUG-2007 02:55:52	Dark	42.000	56	53Kap Ori	2.0650	30000.	84	28428	No
28	GOM_NL__2PRFIN20070808_025724_000000422060_00318_28428_6139.N1	08-AUG-2007 02:57:24	Dark	42.000	47	2Bet CMa	1.9760	28000.	84	28428	No
29	GOM_NL__2PRFIN20070808_025926_000000422060_00318_28428_6140.N1	08-AUG-2007 02:59:26	Dark	42.000	139	9Bet Lep	2.8330	5600.0	84	28428	No
30	GOM_NL__2PRFIN20070808_031615_000000432060_00319_28429_6137.N1	08-AUG-2007 03:16:15	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28429	No
31	GOM_NL__2PRFIN20070808_032240_000000392060_00319_28429_6138.N1	08-AUG-2007 03:22:40	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	28429	No
32	GOM_NL__2PRFIN20070808_032608_000000432060_00319_28429_6139.N1	08-AUG-2007 03:26:08	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	28429	No
33	GOM_NL__2PRFIN20070808_034420_000000362060_00319_28429_6140.N1	08-AUG-2007 03:44:20	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28429	No
34	GOM_NL__2PRFIN20070808_034556_000000352060_00319_28429_6141.N1	08-AUG-2007 03:45:56	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	28429	No
35	GOM_NL__2PRFIN20070808_035304_000000402060_00319_28429_6142.N1	08-AUG-2007 03:53:04	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	28429	No
36	GOM_NL__2PRFIN20070808_035442_000000362060_00319_28429_6143.N1	08-AUG-2007 03:54:42	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	28429	No
37	GOM_NL__2PRFIN20070808_040722_000000372060_00319_28429_6144.N1	08-AUG-2007 04:07:22	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28429	No
38	GOM_NL__2PRFIN20070808_042021_000000352060_00319_28429_6145.N1	08-AUG-2007 04:20:21	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	28429	No
39	GOM_NL__2PRFIN20070808_042239_000000352060_00319_28429_6146.N1	08-AUG-2007 04:22:39	Bright	34.500	107	37The Aur	2.6490	11000.	69	28429	No
40	GOM_NL__2PRFIN20070808_043129_000000482060_00319_28429_6147.N1	08-AUG-2007 04:31:29	Dark	47.500	14	58Alp Ori	0.87000	3000.0	95	28429	No
41	GOM_NL__2PRFIN20070808_043424_000000462060_00319_28429_6148.N1	08-AUG-2007 04:34:24	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	28429	No
42	GOM_NL__2PRFIN20070808_043629_000000412060_00319_28429_6149.N1	08-AUG-2007 04:36:29	Dark	41.000	56	53Kap Ori	2.0650	30000.	82	28429	No

43	GOM_NL__2PRFIN20070808_043800_000000382060_00319_28429_6150.N1	08-AUG-2007 04:38:00	Dark	38.000	47	2Bet CMa	1.9760	28000.	76	28429	No
44	GOM_NL__2PRFIN20070808_044003_000000442060_00319_28429_6151.N1	08-AUG-2007 04:40:03	Dark	44.000	139	9Bet Lep	2.8330	5600.0	88	28429	No
45	GOM_NL__2PRFIN20070808_045652_000000412060_00320_28430_6159.N1	08-AUG-2007 04:56:52	Dark	41.000	9	Alp Eri	0.45300	24000.	82	28430	No
46	GOM_NL__2PRFIN20070808_050316_000000422060_00320_28430_6160.N1	08-AUG-2007 05:03:16	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	28430	No
47	GOM_NL__2PRFIN20070808_050644_000000462060_00320_28430_6161.N1	08-AUG-2007 05:06:44	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	28430	No
48	GOM_NL__2PRFIN20070808_052456_000000352060_00320_28430_6162.N1	08-AUG-2007 05:24:56	Bright	35.000	11	53Alp Aql	0.76500	8000.0	70	28430	No
49	GOM_NL__2PRFIN20070808_052632_000000362060_00320_28430_6163.N1	08-AUG-2007 05:26:32	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	28430	No
50	GOM_NL__2PRFIN20070808_053340_000000402060_00320_28430_6164.N1	08-AUG-2007 05:33:40	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	28430	No
51	GOM_NL__2PRFIN20070808_053518_000000362060_00320_28430_6165.N1	08-AUG-2007 05:35:18	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	28430	No
52	GOM_NL__2PRFIN20070808_054758_000000342060_00320_28430_6166.N1	08-AUG-2007 05:47:58	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	28430	No
53	GOM_NL__2PRFIN20070808_060057_000000542060_00320_28430_6167.N1	08-AUG-2007 06:00:57	Bright	54.000	42	34Bet Aur	1.9000	10200.	108	28430	No
54	GOM_NL__2PRFIN20070808_060316_000000472060_00320_28430_6168.N1	08-AUG-2007 06:03:16	Bright	47.000	107	37The Aur	2.6490	11000.	94	28430	No
55	GOM_NL__2PRFIN20070808_061205_000000552060_00320_28430_6169.N1	08-AUG-2007 06:12:05	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28430	No
56	GOM_NL__2PRFIN20070808_061500_000000452060_00320_28430_6170.N1	08-AUG-2007 06:15:00	Dark	44.500	30	46Eps Ori	1.6940	30000.	89	28430	No
57	GOM_NL__2PRFIN20070808_061705_000000422060_00320_28430_6171.N1	08-AUG-2007 06:17:05	Dark	41.500	56	53Kap Ori	2.0650	30000.	83	28430	No
58	GOM_NL__2PRFIN20070808_061836_000000372060_00320_28430_6172.N1	08-AUG-2007 06:18:36	Dark	37.000	47	2Bet CMa	1.9760	28000.	74	28430	No
59	GOM_NL__2PRFIN20070808_062039_000000452060_00320_28430_6173.N1	08-AUG-2007 06:20:39	Dark	45.000	139	9Bet Lep	2.8330	5600.0	90	28430	No
60	GOM_NL__2PRFIN20070808_063728_000000532060_00321_28431_6174.N1	08-AUG-2007 06:37:28	Dark	53.000	9	Alp Eri	0.45300	24000.	106	28431	No
61	GOM_NL__2PRFIN20070808_064353_000000402060_00321_28431_6175.N1	08-AUG-2007 06:43:53	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28431	No
62	GOM_NL__2PRFIN20070808_064721_000000522060_00321_28431_6176.N1	08-AUG-2007 06:47:21	Straylight	52.000	31	Alp Gru	1.7340	15200.	104	28431	No
63	GOM_NL__2PRFIN20070808_070531_000000372060_00321_28431_6177.N1	08-AUG-2007 07:05:31	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	28431	No
64	GOM_NL__2PRFIN20070808_070709_000000352060_00321_28431_6178.N1	08-AUG-2007 07:07:09	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	28431	No
65	GOM_NL__2PRFIN20070808_071416_000000362060_00321_28431_6179.N1	08-AUG-2007 07:14:16	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	28431	No
66	GOM_NL__2PRFIN20070808_071554_000000352060_00321_28431_6180.N1	08-AUG-2007 07:15:54	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	28431	No
67	GOM_NL__2PRFIN20070808_072834_000000322060_00321_28431_6181.N1	08-AUG-2007 07:28:34	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	28431	No
68	GOM_NL__2PRFIN20070808_074133_000000362060_00321_28431_6182.N1	08-AUG-2007 07:41:33	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	28431	No
69	GOM_NL__2PRFIN20070808_074351_000000522060_00321_28431_6183.N1	08-AUG-2007 07:43:51	Bright	51.500	107	37The Aur	2.6490	11000.	103	28431	No
70	GOM_NL__2PRFIN20070808_075242_000000552060_00321_28431_6184.N1	08-AUG-2007 07:52:42	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28431	No
71	GOM_NL__2PRFIN20070808_075537_000000442060_00321_28431_6185.N1	08-AUG-2007 07:55:37	Dark	43.500	30	46Eps Ori	1.6940	30000.	87	28431	No
72	GOM_NL__2PRFIN20070808_075741_000000392060_00321_28431_6186.N1	08-AUG-2007 07:57:41	Dark	39.000	56	53Kap Ori	2.0650	30000.	78	28431	No
73	GOM_NL__2PRFIN20070808_075913_000000412060_00321_28431_6187.N1	08-AUG-2007 07:59:13	Dark	40.500	47	2Bet CMa	1.9760	28000.	81	28431	No
74	GOM_NL__2PRFIN20070808_080116_000000452060_00321_28431_6188.N1	08-AUG-2007 08:01:16	Dark	45.000	139	9Bet Lep	2.8330	5600.0	90	28431	No
75	GOM_NL__2PRFIN20070808_081805_000000442060_00322_28432_6190.N1	08-AUG-2007 08:18:05	Dark	43.500	9	Alp Eri	0.45300	24000.	87	28432	No
76	GOM_NL__2PRFIN20070808_082429_000000412060_00322_28432_6191.N1	08-AUG-2007 08:24:29	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28432	No
77	GOM_NL__2PRFIN20070808_082757_000000432060_00322_28432_6192.N1	08-AUG-2007 08:27:57	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	28432	No
78	GOM_NL__2PRFIN20070808_084607_000000362060_00322_28432_6193.N1	08-AUG-2007 08:46:07	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28432	No
79	GOM_NL__2PRFIN20070808_084745_000000342060_00322_28432_6194.N1	08-AUG-2007 08:47:45	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	28432	No
80	GOM_NL__2PRFIN20070808_085452_000000342060_00322_28432_6195.N1	08-AUG-2007 08:54:52	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	28432	No
81	GOM_NL__2PRFIN20070808_085630_000000362060_00322_28432_6196.N1	08-AUG-2007 08:56:30	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	28432	No
82	GOM_NL__2PRFIN20070808_090910_000000372060_00322_28432_6197.N1	08-AUG-2007 09:09:10	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28432	No
83	GOM_NL__2PRFIN20070808_092209_000000362060_00322_28432_6198.N1	08-AUG-2007 09:22:09	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	28432	No
84	GOM_NL__2PRFIN20070808_092428_000000552060_00322_28432_6199.N1	08-AUG-2007 09:24:28	Bright	55.000	107	37The Aur	2.6490	11000.	110	28432	No
85	GOM_NL__2PRFIN20070808_093318_000000552060_00322_28432_6200.N1	08-AUG-2007 09:33:18	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28432	No
86	GOM_NL__2PRFIN20070808_093613_000000462060_00322_28432_6201.N1	08-AUG-2007 09:36:13	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	28432	No
87	GOM_NL__2PRFIN20070808_093818_000000432060_00322_28432_6202.N1	08-AUG-2007 09:38:18	Dark	42.500	56	53Kap Ori	2.0650	30000.	85	28432	No
88	GOM_NL__2PRFIN20070808_093949_000000422060_00322_28432_6203.N1	08-AUG-2007 09:39:49	Dark	41.500	47	2Bet CMa	1.9760	28000.	83	28432	No
89	GOM_NL__2PRFIN20070808_094152_000000442060_00322_28432_6204.N1	08-AUG-2007 09:41:52	Dark	44.000	139	9Bet Lep	2.8330	5600.0	88	28432	No
90	GOM_NL__2PRFIN20070808_095841_000000452060_00323_28433_6205.N1	08-AUG-2007 09:58:41	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28433	No
91	GOM_NL__2PRFIN20070808_100505_000000412060_00323_28433_6206.N1	08-AUG-2007 10:05:05	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	28433	No
92	GOM_NL__2PRFIN20070808_100833_000000452060_00323_28433_6207.N1	08-AUG-2007 10:08:33	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	28433	No
93	GOM_NL__2PRFIN20070808_102643_000000362060_00323_28433_6208.N1	08-AUG-2007 10:26:43	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28433	No
94	GOM_NL__2PRFIN20070808_102821_000000342060_00323_28433_6209.N1	08-AUG-2007 10:28:21	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	28433	No
95	GOM_NL__2PRFIN20070808_103528_000000352060_00323_28433_6210.N1	08-AUG-2007 10:35:28	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	28433	No
96	GOM_NL__2PRFIN20070808_103706_000000362060_00323_28433_6211.N1	08-AUG-2007 10:37:06	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	28433	No
97	GOM_NL__2PRFIN20070808_104946_000000362060_00323_28433_6212.N1	08-AUG-2007 10:49:46	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28433	No
98	GOM_NL__2PRFIN20070808_110245_000000542060_00323_28433_6213.N1	08-AUG-2007 11:02:45	Bright	54.000	42	34Bet Aur	1.9000	10200.	108	28433	No
99	GOM_NL__2PRFIN20070808_110504_000000352060_00323_28433_6214.N1	08-AUG-2007 11:05:04	Bright	35.000	107	37The Aur	2.6490	11000.	70	28433	No
100	GOM_NL__2PRFIN20070808_111354_000000552060_00323_28433_6215.N1	08-AUG-2007 11:13:54	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28433	No
101	GOM_NL__2PRFIN20070808_111649_000000472060_00323_28433_6216.N1	08-AUG-2007 11:16:49	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	28433	No

102	GOM_NL__2PRFIN20070808_111854_000000442060_00323_28433_6217.N1	08-AUG-2007 11:18:54	Dark	43.500	56	53Kap Ori	2.0650	30000.	87	28433	No
103	GOM_NL__2PRFIN20070808_112025_000000412060_00323_28433_6218.N1	08-AUG-2007 11:20:25	Dark	41.000	47	2Bet CMa	1.9760	28000.	82	28433	No
104	GOM_NL__2PRFIN20070808_112229_000000422060_00323_28433_6219.N1	08-AUG-2007 11:22:29	Dark	41.500	139	9Bet Lep	2.8330	5600.0	83	28433	No
105	GOM_NL__2PRFIN20070808_113918_000000462060_00324_28434_6208.N1	08-AUG-2007 11:39:18	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28434	No
106	GOM_NL__2PRFIN20070808_114541_000000412060_00324_28434_6209.N1	08-AUG-2007 11:45:41	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	28434	No
107	GOM_NL__2PRFIN20070808_114910_000000482060_00324_28434_6210.N1	08-AUG-2007 11:49:10	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	28434	No
108	GOM_NL__2PRFIN20070808_120719_000000372060_00324_28434_6211.N1	08-AUG-2007 12:07:19	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	28434	No
109	GOM_NL__2PRFIN20070808_120857_000000342060_00324_28434_6212.N1	08-AUG-2007 12:08:57	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	28434	No
110	GOM_NL__2PRFIN20070808_121604_000000392060_00324_28434_6213.N1	08-AUG-2007 12:16:04	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	28434	No
111	GOM_NL__2PRFIN20070808_121742_000000362060_00324_28434_6214.N1	08-AUG-2007 12:17:42	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	28434	No
112	GOM_NL__2PRFIN20070808_123022_000000362060_00324_28434_6215.N1	08-AUG-2007 12:30:22	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28434	No
113	GOM_NL__2PRFIN20070808_124321_000000392060_00324_28434_6216.N1	08-AUG-2007 12:43:21	Bright	39.000	42	34Bet Aur	1.9000	10200.	78	28434	No
114	GOM_NL__2PRFIN20070808_124539_000000362060_00324_28434_6217.N1	08-AUG-2007 12:45:39	Bright	35.500	107	37The Aur	2.6490	11000.	71	28434	No
115	GOM_NL__2PRFIN20070808_124944_000000532060_00324_28434_6218.N1	08-AUG-2007 12:49:44	Bright	53.000	151	13Mu Gem	2.8900	3000.0	106	28434	No
116	GOM_NL__2PRFIN20070808_125430_000000552060_00324_28434_6219.N1	08-AUG-2007 12:54:30	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28434	No
117	GOM_NL__2PRFIN20070808_125726_000000462060_00324_28434_6220.N1	08-AUG-2007 12:57:26	Dark	45.500	30	46Eps Ori	1.6940	30000.	91	28434	No
118	GOM_NL__2PRFIN20070808_125930_000000442060_00324_28434_6221.N1	08-AUG-2007 12:59:30	Dark	43.500	56	53Kap Ori	2.0650	30000.	87	28434	No
119	GOM_NL__2PRFIN20070808_130101_000000402060_00324_28434_6222.N1	08-AUG-2007 13:01:01	Dark	40.000	47	2Bet CMa	1.9760	28000.	80	28434	No
120	GOM_NL__2PRFIN20070808_130305_000000432060_00324_28434_6223.N1	08-AUG-2007 13:03:05	Dark	42.500	139	9Bet Lep	2.8330	5600.0	85	28434	No
121	GOM_NL__2PRFIN20070808_131955_000000432060_00325_28435_6243.N1	08-AUG-2007 13:19:55	Dark	42.500	9	Alp Eri	0.45300	24000.	85	28435	No
122	GOM_NL__2PRFIN20070808_132618_000000442060_00325_28435_6244.N1	08-AUG-2007 13:26:18	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	28435	No
123	GOM_NL__2PRFIN20070808_132946_000000432060_00325_28435_6245.N1	08-AUG-2007 13:29:46	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	28435	No
124	GOM_NL__2PRFIN20070808_134755_000000362060_00325_28435_6246.N1	08-AUG-2007 13:47:55	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28435	No
125	GOM_NL__2PRFIN20070808_134933_000000342060_00325_28435_6247.N1	08-AUG-2007 13:49:33	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	28435	No
126	GOM_NL__2PRFIN20070808_135640_000000352060_00325_28435_6248.N1	08-AUG-2007 13:56:40	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	28435	No
127	GOM_NL__2PRFIN20070808_135817_000000352060_00325_28435_6249.N1	08-AUG-2007 13:58:17	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	28435	No
128	GOM_NL__2PRFIN20070808_141058_000000332060_00325_28435_6250.N1	08-AUG-2007 14:10:58	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	28435	No
129	GOM_NL__2PRFIN20070808_142356_000000372060_00325_28435_6251.N1	08-AUG-2007 14:23:56	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	28435	No
130	GOM_NL__2PRFIN20070808_142615_000000372060_00325_28435_6252.N1	08-AUG-2007 14:26:15	Bright	36.500	107	37The Aur	2.6490	11000.	73	28435	No
131	GOM_NL__2PRFIN20070808_143020_000000402060_00325_28435_6253.N1	08-AUG-2007 14:30:20	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	28435	No
132	GOM_NL__2PRFIN20070808_143507_000000552060_00325_28435_6254.N1	08-AUG-2007 14:35:07	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28435	No
133	GOM_NL__2PRFIN20070808_143802_000000432060_00325_28435_6255.N1	08-AUG-2007 14:38:02	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	28435	No
134	GOM_NL__2PRFIN20070808_144007_000000432060_00325_28435_6256.N1	08-AUG-2007 14:40:07	Dark	42.500	56	53Kap Ori	2.0650	30000.	85	28435	No
135	GOM_NL__2PRFIN20070808_144137_000000412060_00325_28435_6257.N1	08-AUG-2007 14:41:37	Dark	41.000	47	2Bet CMa	1.9760	28000.	82	28435	No
136	GOM_NL__2PRFIN20070808_144342_000000442060_00325_28435_6258.N1	08-AUG-2007 14:43:42	Dark	43.500	139	9Bet Lep	2.8330	5600.0	87	28435	No
137	GOM_NL__2PRFIN20070808_150031_000000462060_00326_28436_6257.N1	08-AUG-2007 15:00:31	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28436	No
138	GOM_NL__2PRFIN20070808_150654_000000392060_00326_28436_6258.N1	08-AUG-2007 15:06:54	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	28436	No
139	GOM_NL__2PRFIN20070808_151022_000000432060_00326_28436_6259.N1	08-AUG-2007 15:10:22	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	28436	No
140	GOM_NL__2PRFIN20070808_152831_000000362060_00326_28436_6260.N1	08-AUG-2007 15:28:31	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28436	No
141	GOM_NL__2PRFIN20070808_153009_000000352060_00326_28436_6261.N1	08-AUG-2007 15:30:09	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	28436	No
142	GOM_NL__2PRFIN20070808_153716_000000362060_00326_28436_6262.N1	08-AUG-2007 15:37:16	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	28436	No
143	GOM_NL__2PRFIN20070808_153853_000000352060_00326_28436_6263.N1	08-AUG-2007 15:38:53	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	28436	No
144	GOM_NL__2PRFIN20070808_155133_000000362060_00326_28436_6264.N1	08-AUG-2007 15:51:33	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28436	No
145	GOM_NL__2PRFIN20070808_160432_000000352060_00326_28436_6265.N1	08-AUG-2007 16:04:32	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	28436	No
146	GOM_NL__2PRFIN20070808_160651_000000362060_00326_28436_6266.N1	08-AUG-2007 16:06:51	Bright	35.500	107	37The Aur	2.6490	11000.	71	28436	No
147	GOM_NL__2PRFIN20070808_161057_000000462060_00326_28436_6267.N1	08-AUG-2007 16:10:57	Bright	45.500	151	13Mu Gem	2.8900	3000.0	91	28436	No
148	GOM_NL__2PRFIN20070808_161543_000000552060_00326_28436_6268.N1	08-AUG-2007 16:15:43	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28436	No
149	GOM_NL__2PRFIN20070808_161838_000000452060_00326_28436_6269.N1	08-AUG-2007 16:18:38	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	28436	No
150	GOM_NL__2PRFIN20070808_162043_000000422060_00326_28436_6270.N1	08-AUG-2007 16:20:43	Dark	41.500	56	53Kap Ori	2.0650	30000.	83	28436	No
151	GOM_NL__2PRFIN20070808_162214_000000392060_00326_28436_6271.N1	08-AUG-2007 16:22:14	Dark	38.500	47	2Bet CMa	1.9760	28000.	77	28436	No
152	GOM_NL__2PRFIN20070808_162418_000000432060_00326_28436_6272.N1	08-AUG-2007 16:24:18	Dark	42.500	139	9Bet Lep	2.8330	5600.0	85	28436	No
153	GOM_NL__2PRFIN20070808_164108_000000442060_00327_28437_6273.N1	08-AUG-2007 16:41:08	Dark	43.500	9	Alp Eri	0.45300	24000.	87	28437	No
154	GOM_NL__2PRFIN20070808_164730_000000402060_00327_28437_6274.N1	08-AUG-2007 16:47:30	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28437	No
155	GOM_NL__2PRFIN20070808_165059_000000412060_00327_28437_6275.N1	08-AUG-2007 16:50:59	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	28437	No
156	GOM_NL__2PRFIN20070808_170907_000000392060_00327_28437_6276.N1	08-AUG-2007 17:09:07	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	28437	No
157	GOM_NL__2PRFIN20070808_171045_000000342060_00327_28437_6277.N1	08-AUG-2007 17:10:45	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	28437	No
158	GOM_NL__2PRFIN20070808_171752_000000342060_00327_28437_6278.N1	08-AUG-2007 17:17:52	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	28437	No
159	GOM_NL__2PRFIN20070808_171929_000000372060_00327_28437_6279.N1	08-AUG-2007 17:19:29	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	28437	No
160	GOM_NL__2PRFIN20070808_173209_000000372060_00327_28437_6280.N1	08-AUG-2007 17:32:09	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28437	No

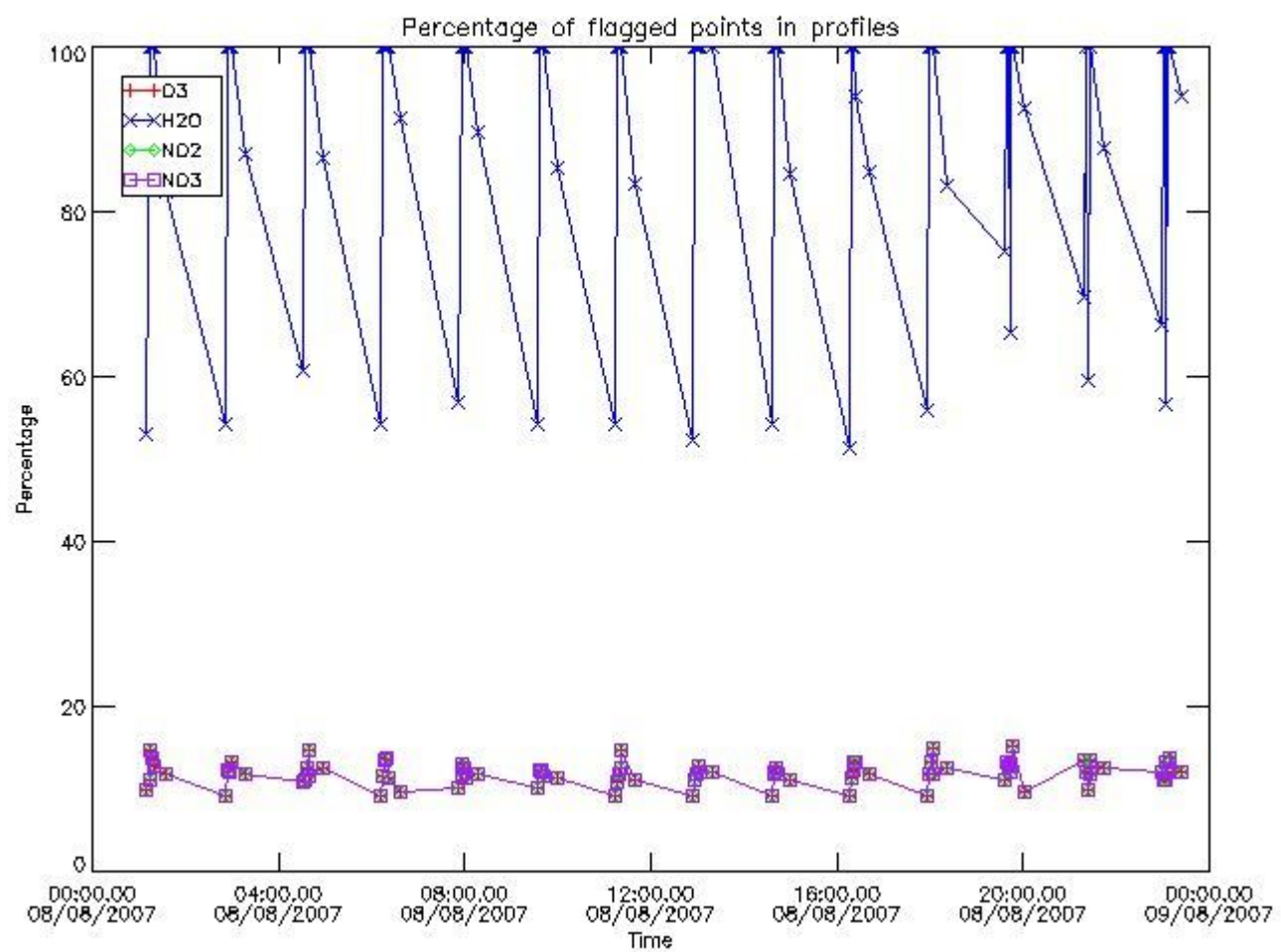
161	GOM_NL__2PRFIN20070808_174508_000000362060_00327_28437_6281.N1	08-AUG-2007 17:45:08	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	28437	No
162	GOM_NL__2PRFIN20070808_174727_000000482060_00327_28437_6282.N1	08-AUG-2007 17:47:27	Bright	47.500	107	37The Aur	2.6490	11000.	95	28437	No
163	GOM_NL__2PRFIN20070808_175133_000000502060_00327_28437_6283.N1	08-AUG-2007 17:51:33	Bright	49.500	151	13Mu Gem	2.8900	3000.0	99	28437	No
164	GOM_NL__2PRFIN20070808_175619_000000552060_00327_28437_6284.N1	08-AUG-2007 17:56:19	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28437	No
165	GOM_NL__2PRFIN20070808_175915_000000432060_00327_28437_6285.N1	08-AUG-2007 17:59:15	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	28437	No
166	GOM_NL__2PRFIN20070808_180120_000000432060_00327_28437_6286.N1	08-AUG-2007 18:01:20	Dark	42.500	56	53Kap Ori	2.0650	30000.	85	28437	No
167	GOM_NL__2PRFIN20070808_180250_000000382060_00327_28437_6287.N1	08-AUG-2007 18:02:50	Dark	37.500	47	2Bet CMa	1.9760	28000.	75	28437	No
168	GOM_NL__2PRFIN20070808_180455_000000432060_00327_28437_6288.N1	08-AUG-2007 18:04:55	Dark	43.000	139	9Bet Lep	2.8330	5600.0	86	28437	No
169	GOM_NL__2PRFIN20070808_182145_000000452060_00328_28438_6282.N1	08-AUG-2007 18:21:45	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28438	No
170	GOM_NL__2PRFIN20070808_182807_000000392060_00328_28438_6283.N1	08-AUG-2007 18:28:07	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	28438	No
171	GOM_NL__2PRFIN20070808_183135_000000482060_00328_28438_6284.N1	08-AUG-2007 18:31:35	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	28438	No
172	GOM_NL__2PRFIN20070808_184943_000000372060_00328_28438_6285.N1	08-AUG-2007 18:49:43	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	28438	No
173	GOM_NL__2PRFIN20070808_185121_000000362060_00328_28438_6286.N1	08-AUG-2007 18:51:21	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	28438	No
174	GOM_NL__2PRFIN20070808_185829_000000372060_00328_28438_6287.N1	08-AUG-2007 18:58:29	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	28438	No
175	GOM_NL__2PRFIN20070808_190005_000000362060_00328_28438_6288.N1	08-AUG-2007 19:00:05	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	28438	No
176	GOM_NL__2PRFIN20070808_191245_000000372060_00328_28438_6289.N1	08-AUG-2007 19:12:45	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28438	No
177	GOM_NL__2PRFIN20070808_192544_000000362060_00328_28438_6290.N1	08-AUG-2007 19:25:44	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	28438	No
178	GOM_NL__2PRFIN20070808_192803_000000542060_00328_28438_6291.N1	08-AUG-2007 19:28:03	Bright	53.500	107	37The Aur	2.6490	11000.	107	28438	No
179	GOM_NL__2PRFIN20070808_193209_000000452060_00328_28438_6292.N1	08-AUG-2007 19:32:09	Bright	45.000	151	13Mu Gem	2.8900	3000.0	90	28438	No
180	GOM_NL__2PRFIN20070808_193655_000000552060_00328_28438_6293.N1	08-AUG-2007 19:36:55	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28438	No
181	GOM_NL__2PRFIN20070808_193951_000000432060_00328_28438_6294.N1	08-AUG-2007 19:39:51	Dark	42.500	30	46Eps Ori	1.6940	30000.	85	28438	No
182	GOM_NL__2PRFIN20070808_194113_000000402060_00328_28438_6295.N1	08-AUG-2007 19:41:13	Dark	40.000	125	44Iot Ori	2.7700	30000.	80	28438	No
183	GOM_NL__2PRFIN20070808_194245_000000402060_00328_28438_6296.N1	08-AUG-2007 19:42:45	Dark	39.500	1	9Alp CMa	-1.4400	11000.	79	28438	No
184	GOM_NL__2PRFIN20070808_194435_000000432060_00328_28438_6297.N1	08-AUG-2007 19:44:35	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	28438	No
185	GOM_NL__2PRFIN20070808_194645_000000372060_00328_28438_6298.N1	08-AUG-2007 19:46:45	Dark	37.000	177	1Zet CMa	3.0220	26000.	74	28438	No
186	GOM_NL__2PRFIN20070808_200221_000000542060_00329_28439_6286.N1	08-AUG-2007 20:02:21	Dark	53.500	9	Alp Eri	0.45300	24000.	107	28439	No
187	GOM_NL__2PRFIN20070808_200843_000000402060_00329_28439_6287.N1	08-AUG-2007 20:08:43	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28439	No
188	GOM_NL__2PRFIN20070808_201212_000000432060_00329_28439_6288.N1	08-AUG-2007 20:12:12	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	28439	No
189	GOM_NL__2PRFIN20070808_203019_000000372060_00329_28439_6289.N1	08-AUG-2007 20:30:19	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	28439	No
190	GOM_NL__2PRFIN20070808_203157_000000352060_00329_28439_6290.N1	08-AUG-2007 20:31:57	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	28439	No
191	GOM_NL__2PRFIN20070808_203905_000000362060_00329_28439_6291.N1	08-AUG-2007 20:39:05	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	28439	No
192	GOM_NL__2PRFIN20070808_204041_000000372060_00329_28439_6292.N1	08-AUG-2007 20:40:41	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	28439	No
193	GOM_NL__2PRFIN20070808_205321_000000352060_00329_28439_6293.N1	08-AUG-2007 20:53:21	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28439	No
194	GOM_NL__2PRFIN20070808_210620_000000352060_00329_28439_6294.N1	08-AUG-2007 21:06:20	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	28439	No
195	GOM_NL__2PRFIN20070808_210839_000000382060_00329_28439_6295.N1	08-AUG-2007 21:08:39	Bright	38.000	107	37The Aur	2.6490	11000.	76	28439	No
196	GOM_NL__2PRFIN20070808_211245_000000532060_00329_28439_6296.N1	08-AUG-2007 21:12:45	Bright	53.000	151	13Mu Gem	2.8900	3000.0	106	28439	No
197	GOM_NL__2PRFIN20070808_211732_000000422060_00329_28439_6297.N1	08-AUG-2007 21:17:32	Dark	41.500	14	58Alp Ori	0.87000	3000.0	83	28439	No
198	GOM_NL__2PRFIN20070808_212028_000000432060_00329_28439_6298.N1	08-AUG-2007 21:20:28	Dark	42.500	30	46Eps Ori	1.6940	30000.	85	28439	No
199	GOM_NL__2PRFIN20070808_212150_000000432060_00329_28439_6299.N1	08-AUG-2007 21:21:50	Dark	42.500	125	44Iot Ori	2.7700	30000.	85	28439	No
200	GOM_NL__2PRFIN20070808_212322_000000512060_00329_28439_6300.N1	08-AUG-2007 21:23:22	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	28439	No
201	GOM_NL__2PRFIN20070808_212512_000000432060_00329_28439_6301.N1	08-AUG-2007 21:25:12	Dark	43.000	101	11Alp Lep	2.5820	7000.0	86	28439	No
202	GOM_NL__2PRFIN20070808_212721_000000382060_00329_28439_6302.N1	08-AUG-2007 21:27:21	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	28439	No
203	GOM_NL__2PRFIN20070808_214258_000000452060_00330_28440_6324.N1	08-AUG-2007 21:42:58	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28440	No
204	GOM_NL__2PRFIN20070808_214919_000000402060_00330_28440_6325.N1	08-AUG-2007 21:49:19	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28440	No
205	GOM_NL__2PRFIN20070808_215248_000000412060_00330_28440_6326.N1	08-AUG-2007 21:52:48	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	28440	No
206	GOM_NL__2PRFIN20070808_221055_000000362060_00330_28440_6327.N1	08-AUG-2007 22:10:55	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	28440	No
207	GOM_NL__2PRFIN20070808_221233_000000342060_00330_28440_6328.N1	08-AUG-2007 22:12:33	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	28440	No
208	GOM_NL__2PRFIN20070808_221941_000000392060_00330_28440_6329.N1	08-AUG-2007 22:19:41	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	28440	No
209	GOM_NL__2PRFIN20070808_222116_000000342060_00330_28440_6330.N1	08-AUG-2007 22:21:16	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	28440	No
210	GOM_NL__2PRFIN20070808_223357_000000372060_00330_28440_6331.N1	08-AUG-2007 22:33:57	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28440	No
211	GOM_NL__2PRFIN20070808_224656_000000542060_00330_28440_6332.N1	08-AUG-2007 22:46:56	Bright	53.500	42	34Bet Aur	1.9000	10200.	107	28440	No
212	GOM_NL__2PRFIN20070808_224915_000000362060_00330_28440_6333.N1	08-AUG-2007 22:49:15	Bright	35.500	107	37The Aur	2.6490	11000.	71	28440	No
213	GOM_NL__2PRFIN20070808_225321_000000452060_00330_28440_6334.N1	08-AUG-2007 22:53:21	Bright	44.500	151	13Mu Gem	2.8900	3000.0	89	28440	No
214	GOM_NL__2PRFIN20070808_225808_000000422060_00330_28440_6335.N1	08-AUG-2007 22:58:08	Dark	42.000	14	58Alp Ori	0.87000	3000.0	84	28440	No
215	GOM_NL__2PRFIN20070808_230104_000000462060_00330_28440_6336.N1	08-AUG-2007 23:01:04	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	28440	No
216	GOM_NL__2PRFIN20070808_230226_000000432060_00330_28440_6337.N1	08-AUG-2007 23:02:26	Dark	42.500	125	44Iot Ori	2.7700	30000.	85	28440	No
217	GOM_NL__2PRFIN20070808_230358_000000462060_00330_28440_6338.N1	08-AUG-2007 23:03:58	Dark	45.500	1	9Alp CMa	-1.4400	11000.	91	28440	No
218	GOM_NL__2PRFIN20070808_230548_000000422060_00330_28440_6339.N1	08-AUG-2007 23:05:48	Dark	42.000	101	11Alp Lep	2.5820	7000.0	84	28440	No
219	GOM_NL__2PRFIN20070808_230757_000000372060_00330_28440_6340.N1	08-AUG-2007 23:07:57	Dark	37.000	177	1Zet CMa	3.0220	26000.	74	28440	No

220	GOM_NL__2PRFIN20070808_232334_000000422060_00331_28441_6340.N1	08-AUG-2007 23:23:34	Dark	42.000	9	Alp Eri	0.45300	24000.	84	28441	No
221	GOM_NL__2PRFIN20070808_232956_000000392060_00331_28441_6341.N1	08-AUG-2007 23:29:56	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	28441	No
222	GOM_NL__2PRFIN20070808_235131_000000382060_00331_28441_6342.N1	08-AUG-2007 23:51:31	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	28441	No
223	GOM_NL__2PRFIN20070808_235309_000000362060_00331_28441_6343.N1	08-AUG-2007 23:53:09	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	28441	No

3. Quality information per product

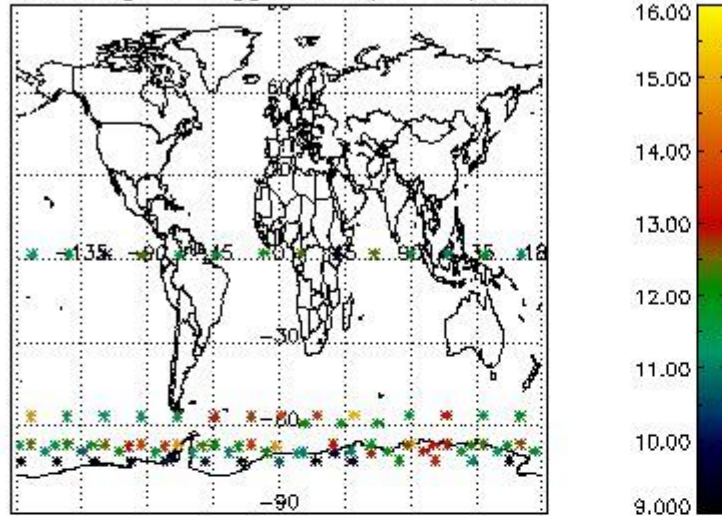
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

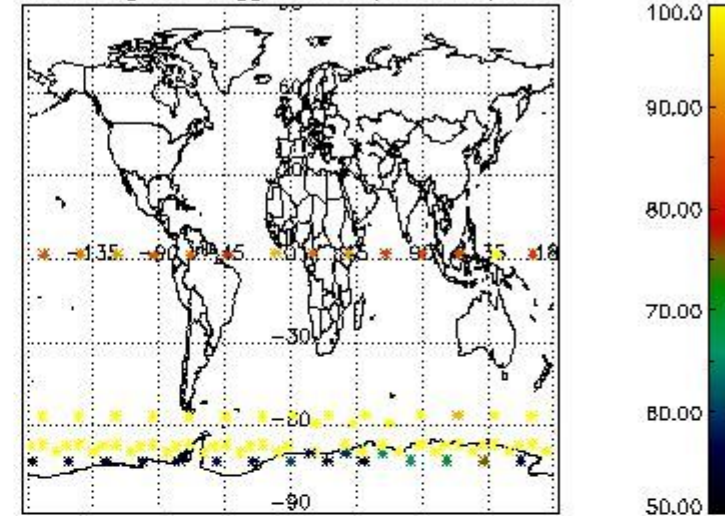


3.2 Plot quality information per product (world map)

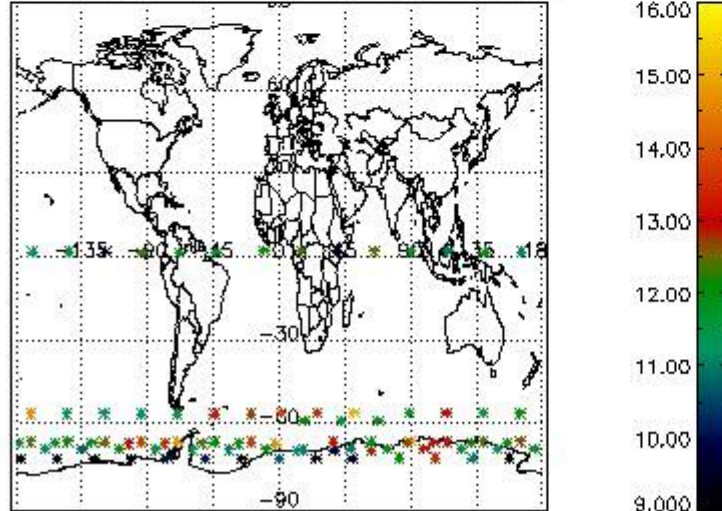
Percentage of flagged data per O3 profile



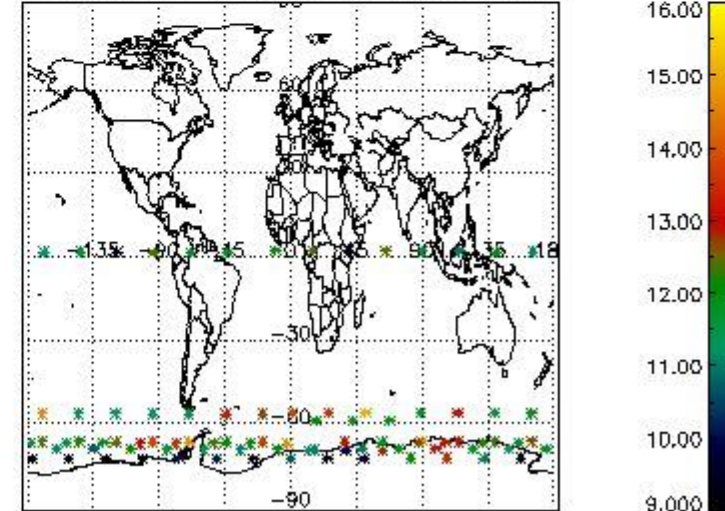
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

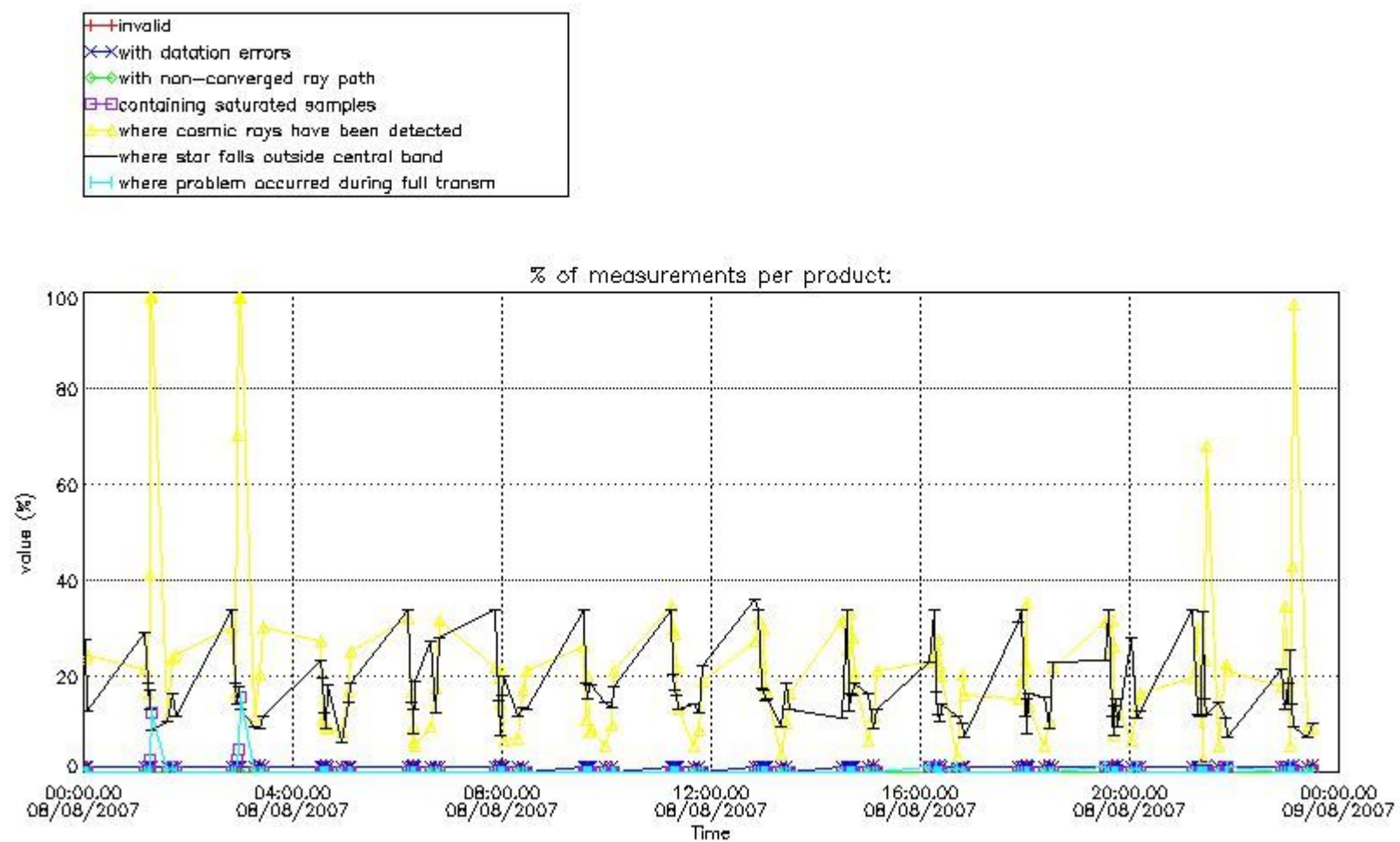


4. Level 1 quality information per product

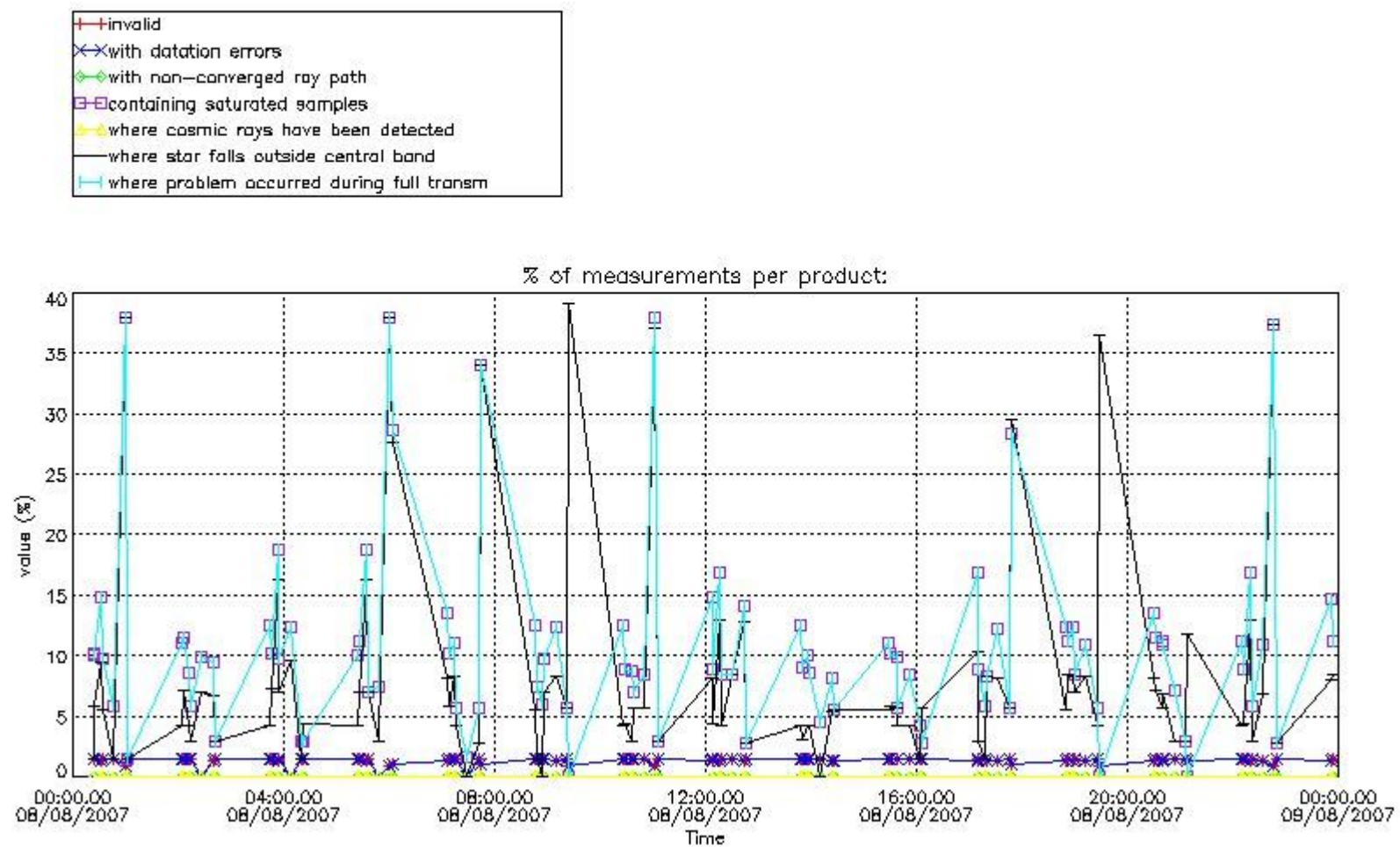
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

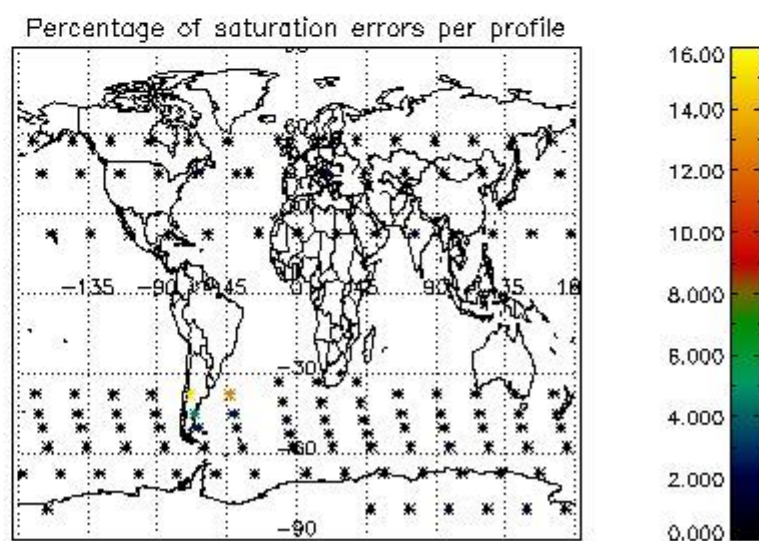
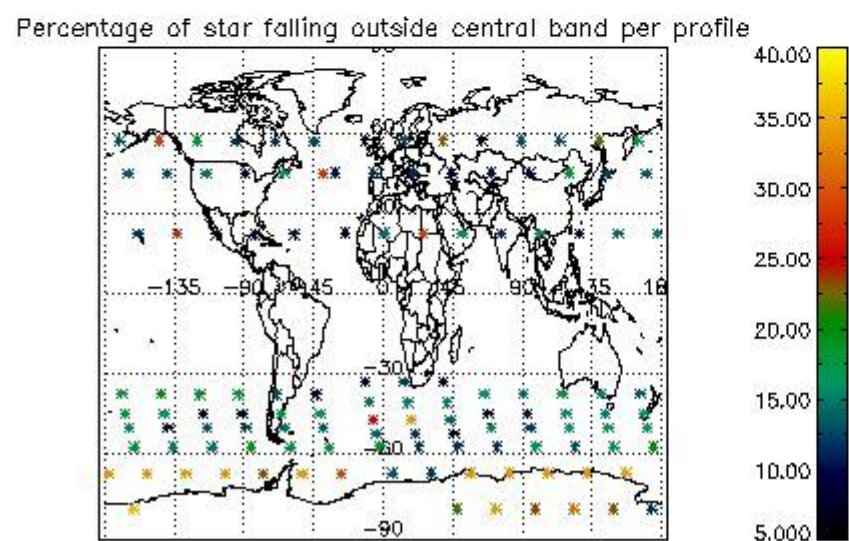
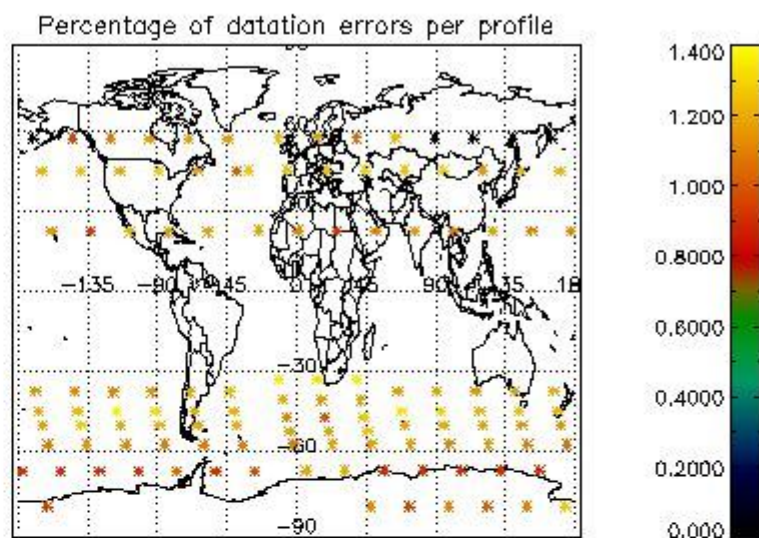
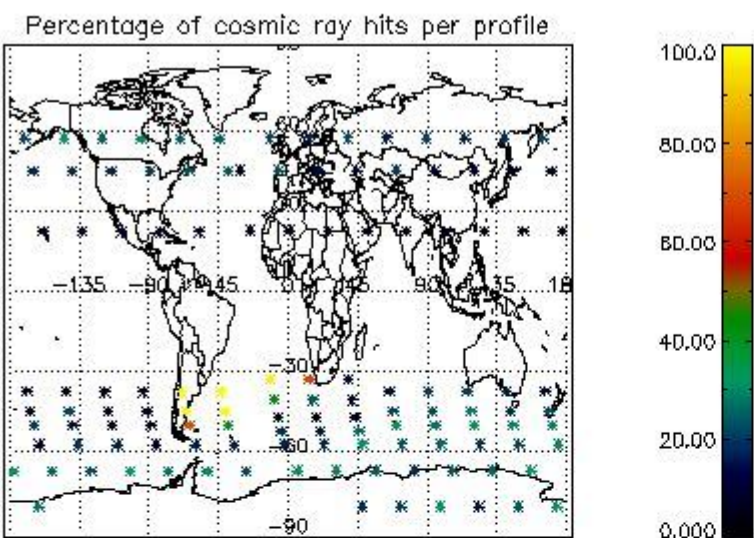


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

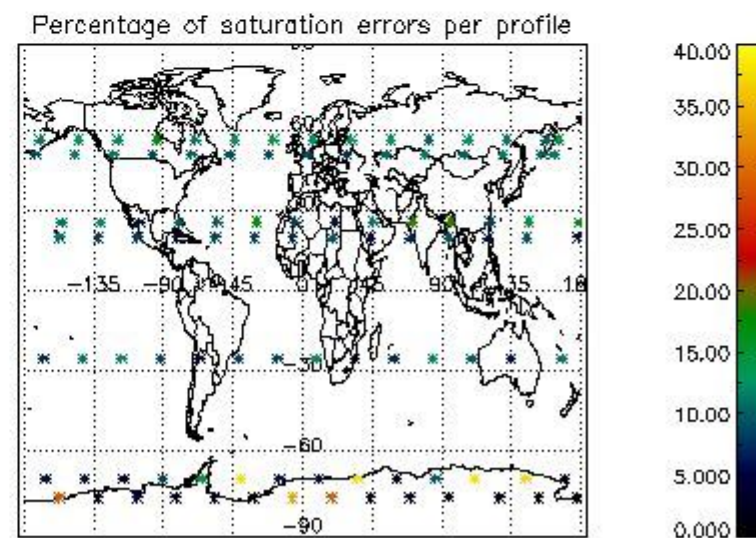
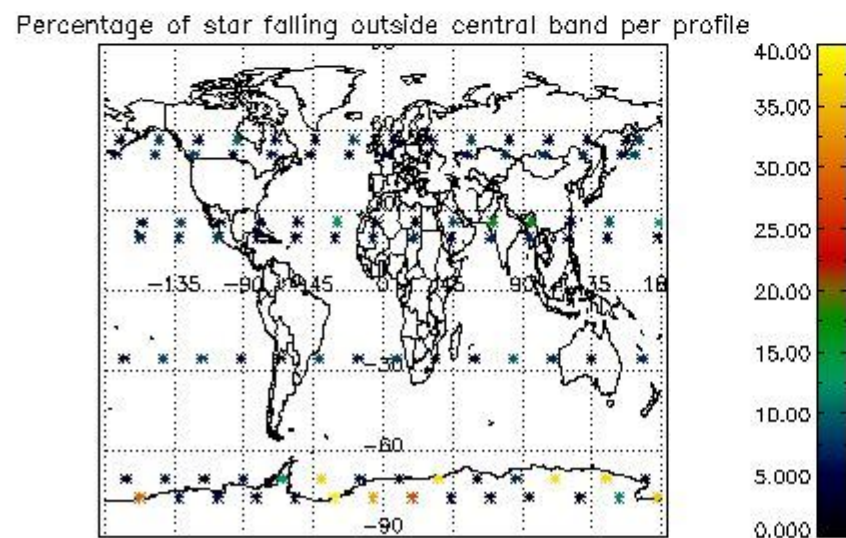
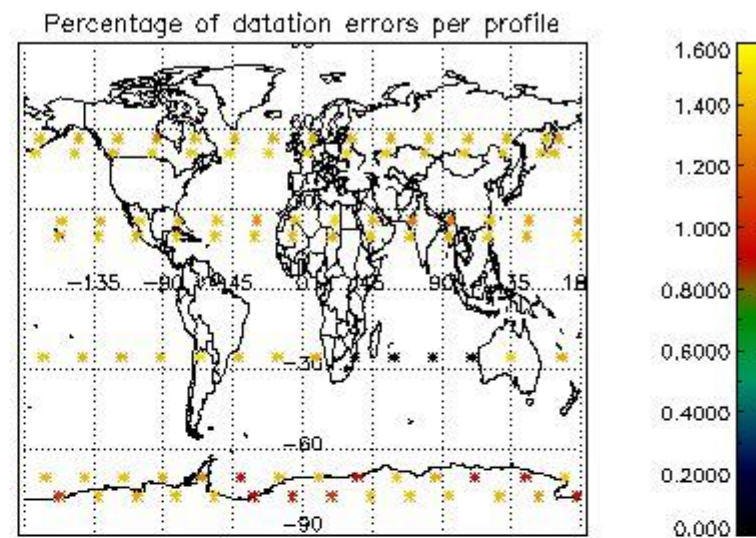
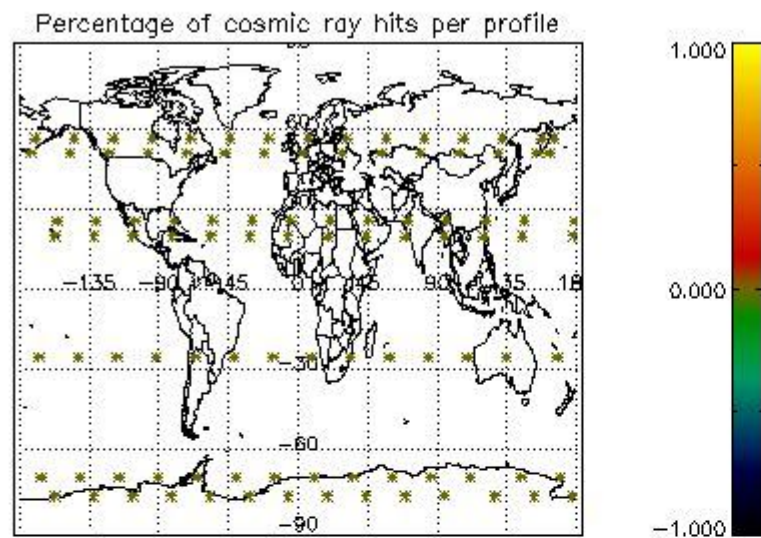


4.2 Plot quality information per product coming from level 1b processing (world map)

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

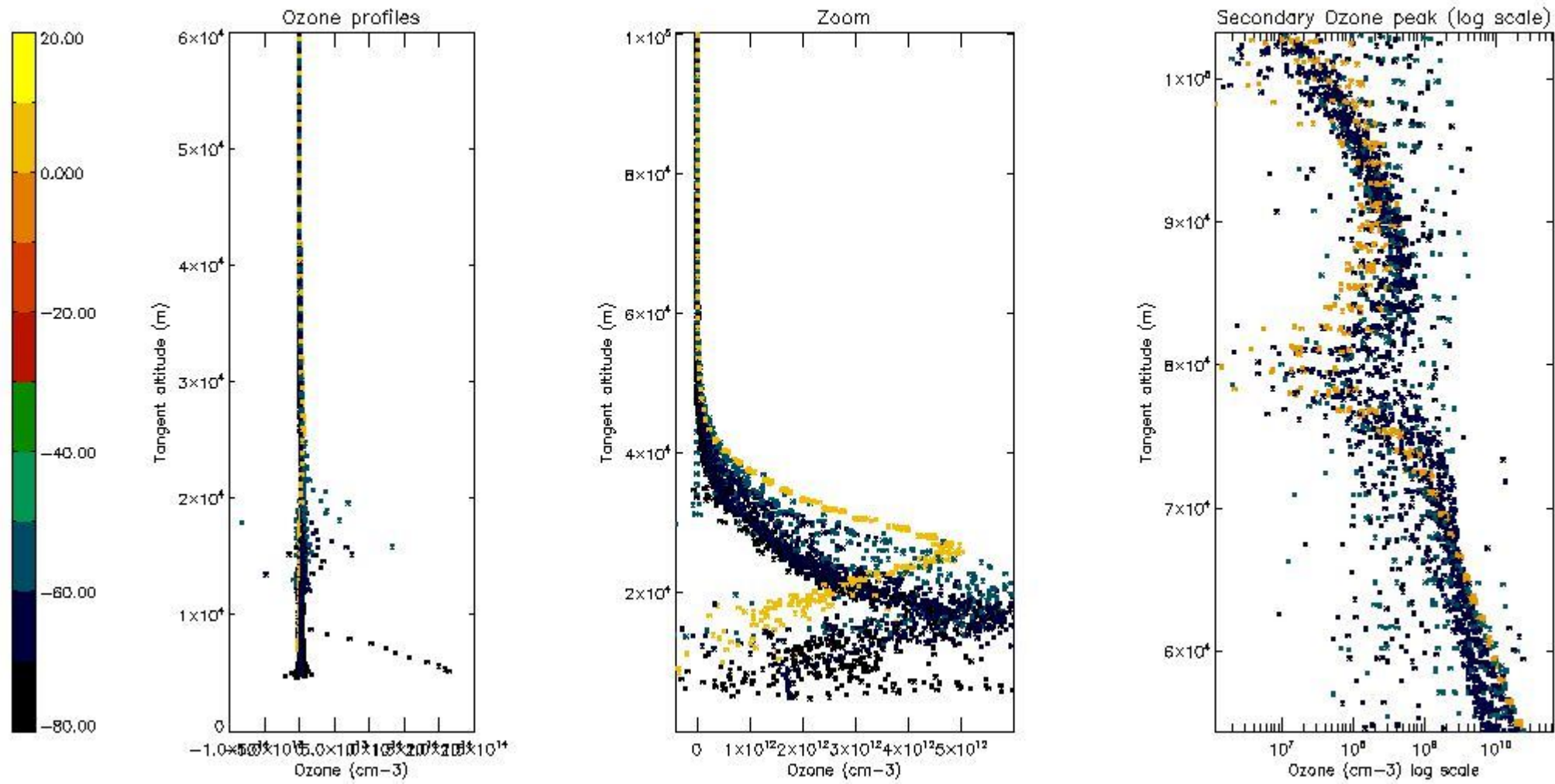
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	43
STD < 20	25

STD < 10	20
STD < 5	15

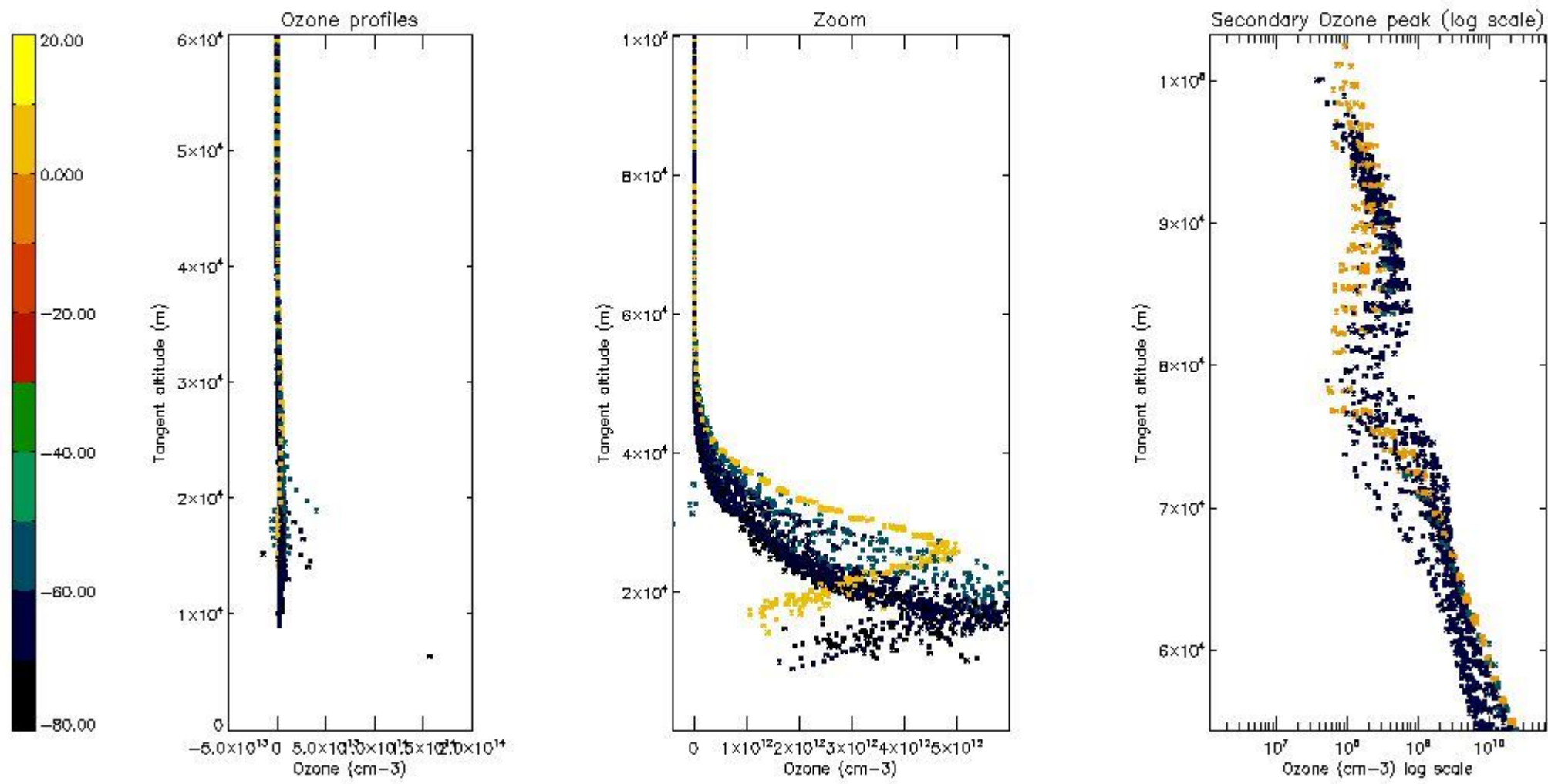
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



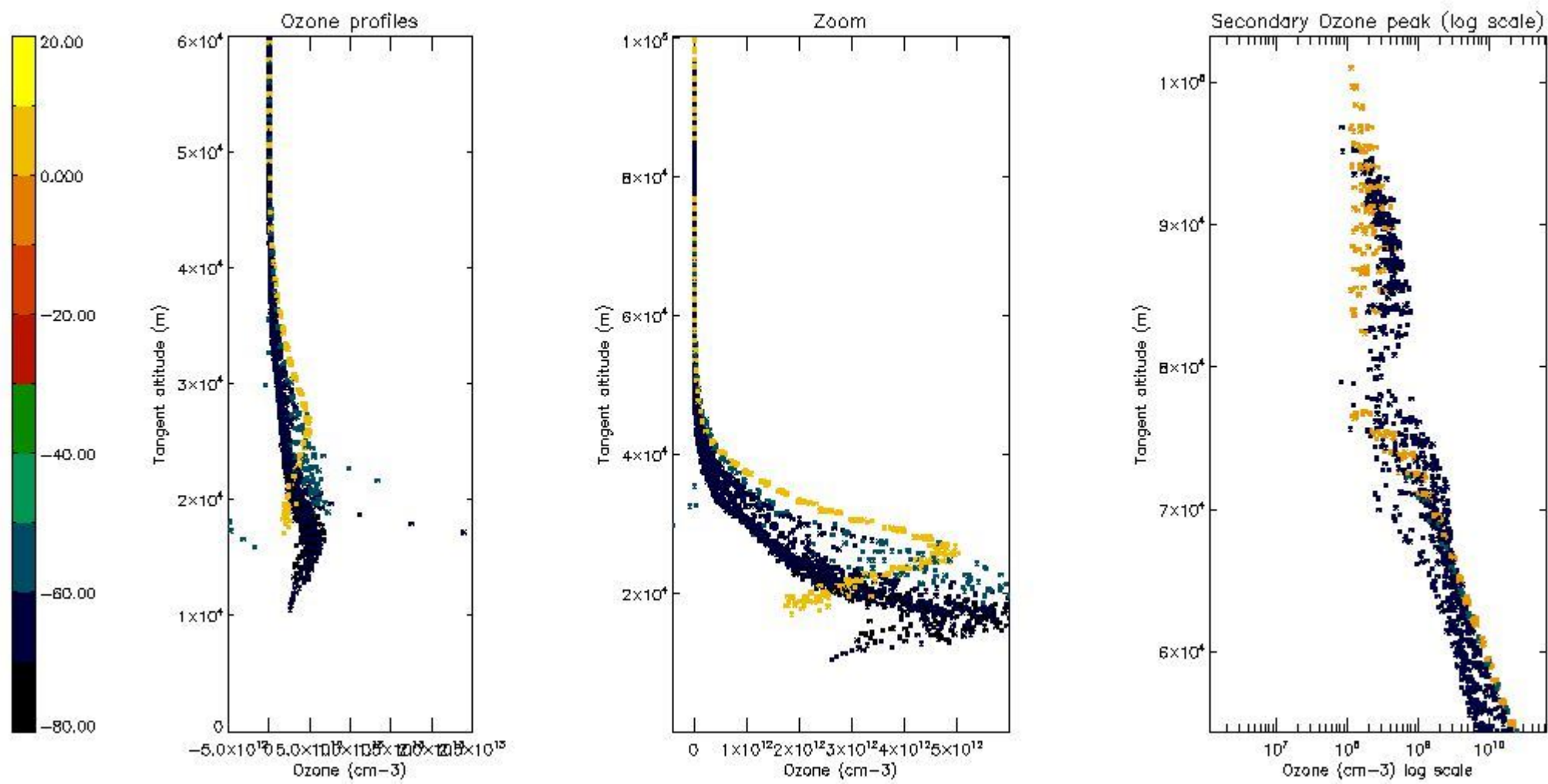
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



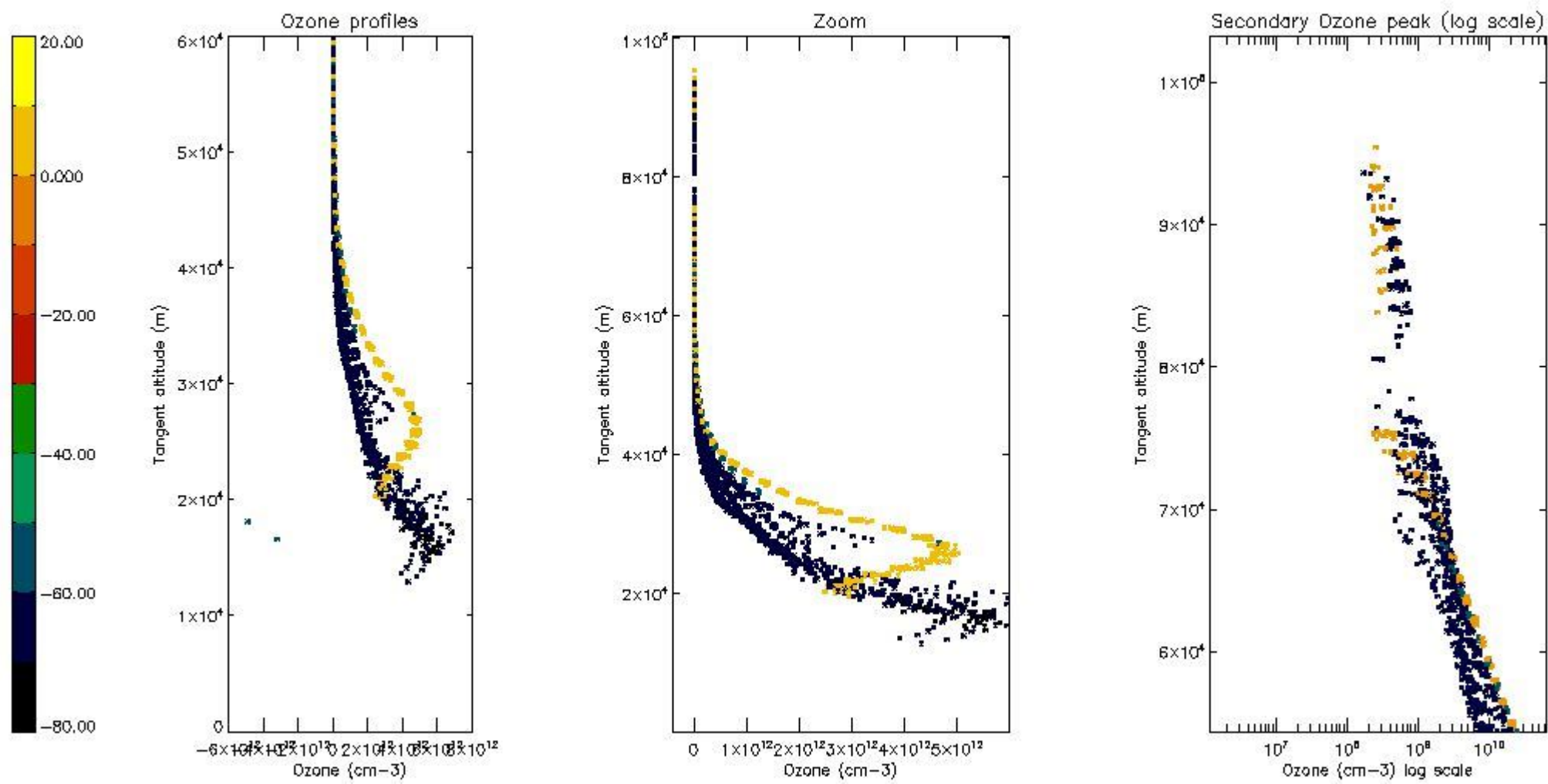
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



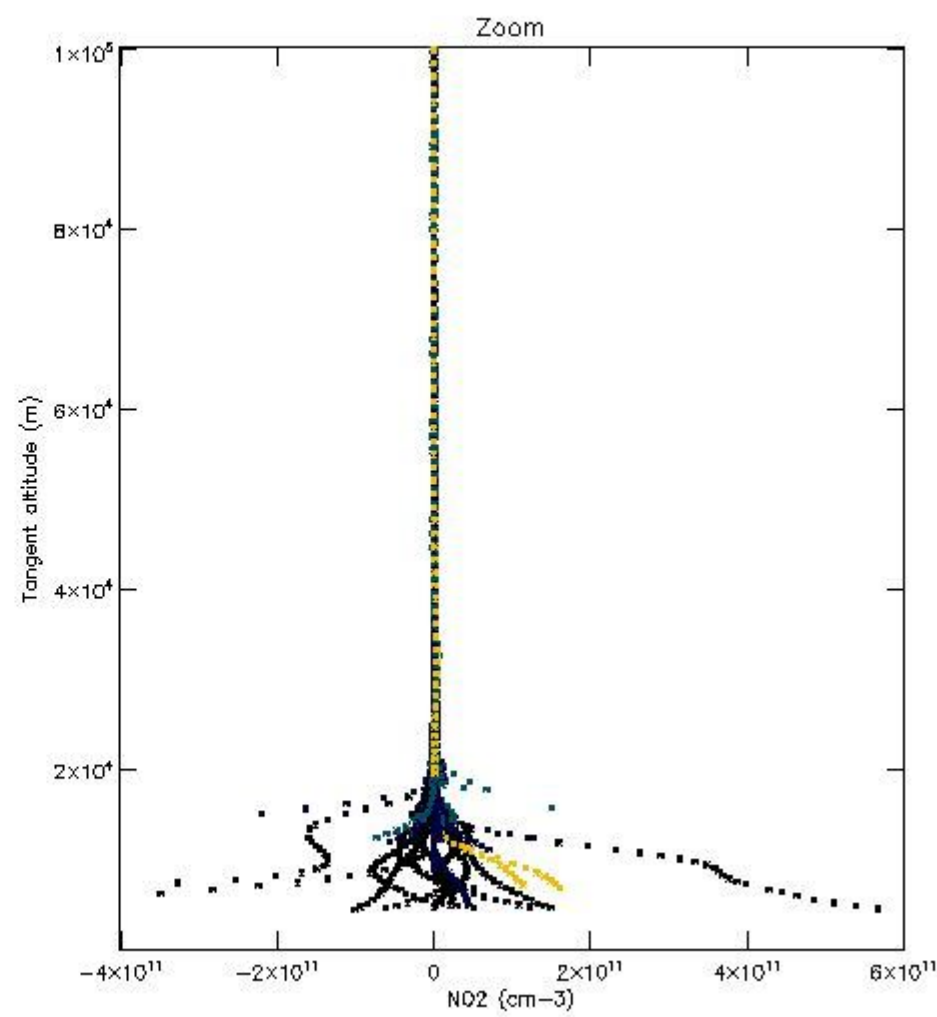
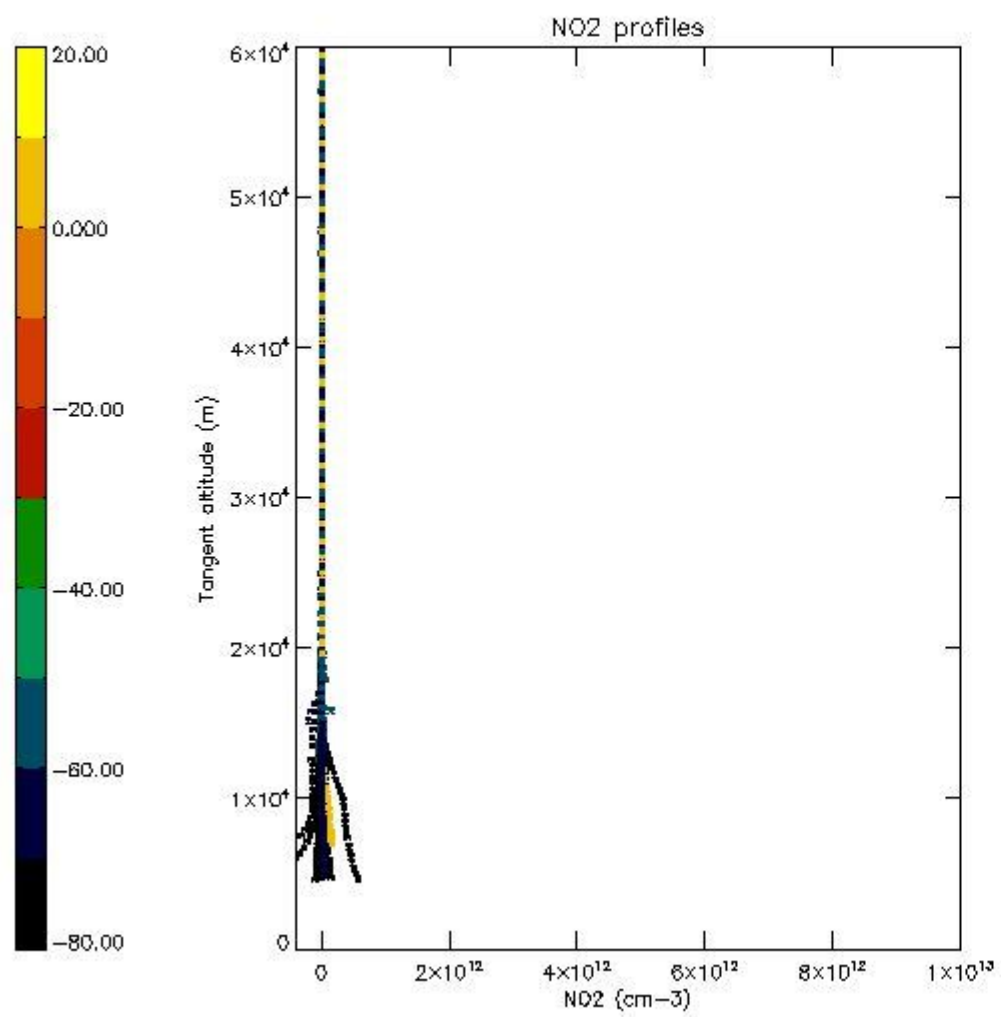
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



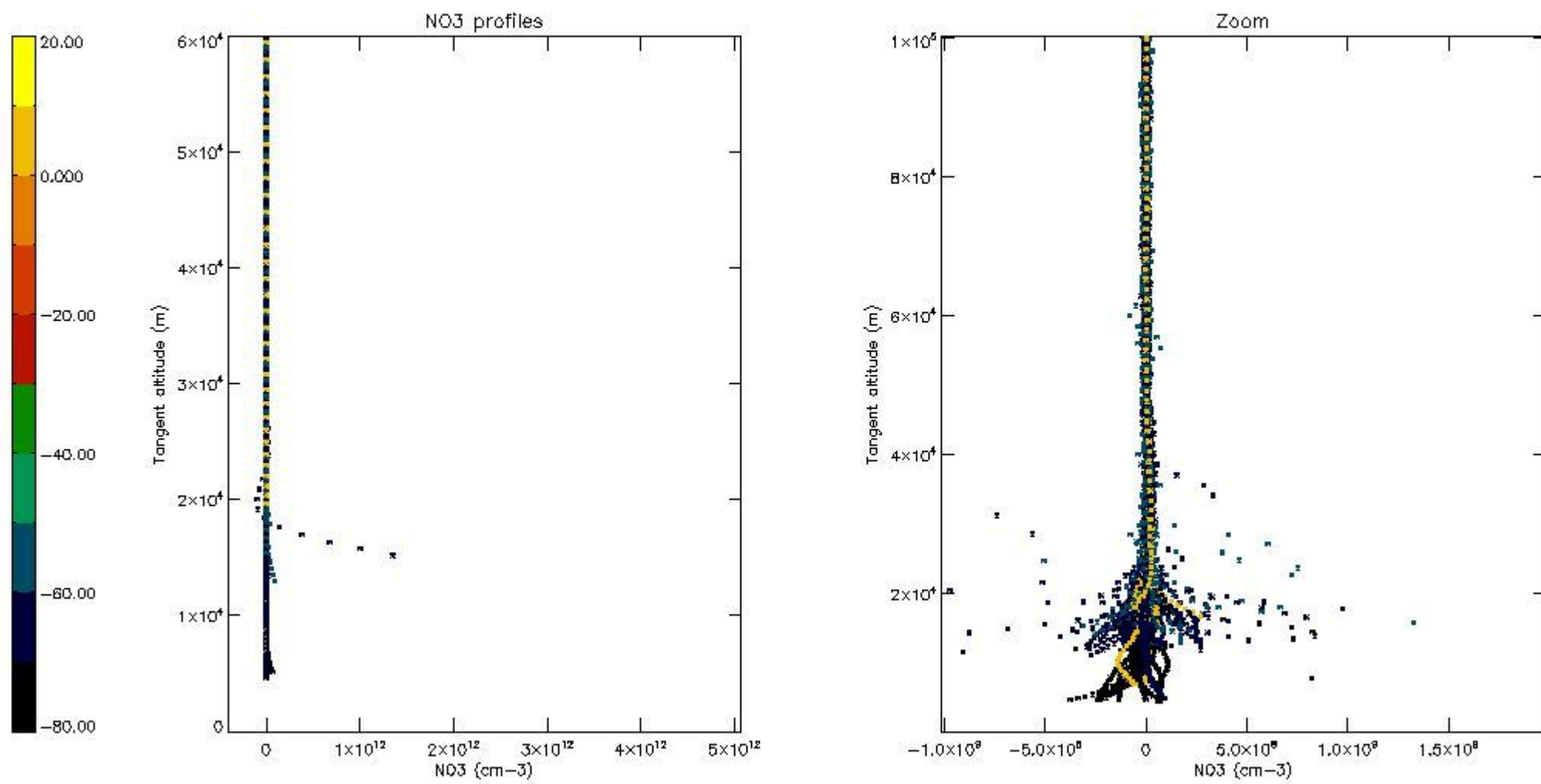
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



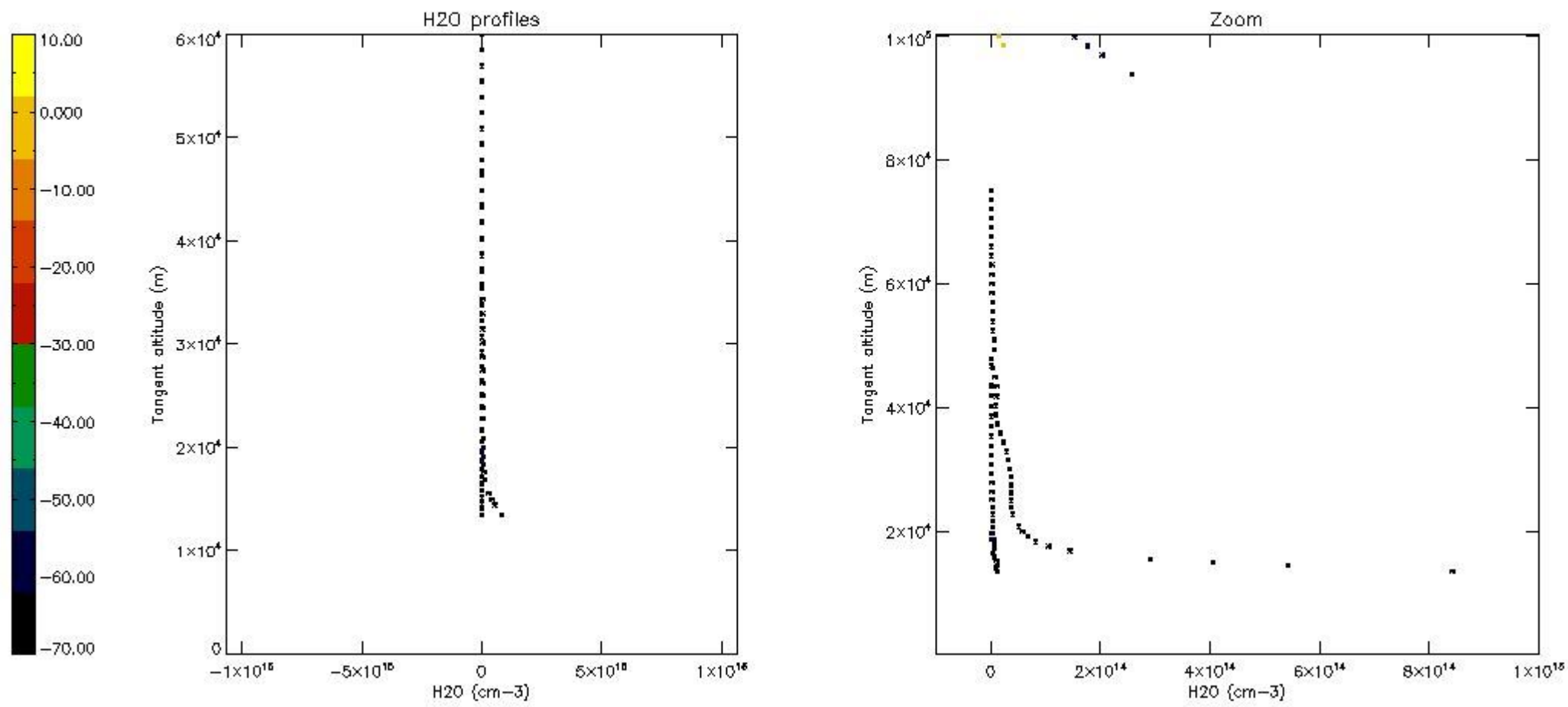
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	08-AUG-2007 00:01:27
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	08-AUG-2007 00:01:27
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	08-AUG-2007 00:01:27

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	22APR2013 23:22:51
Data source version	GOMOS/6.01
Start time of products	08-08-2007 (08AUG2007 00:00:00)
Stop time of products	09-08-2007 (09AUG2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	223
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__2PRFIN20070808_000127_000000492060_00317_28427_6082.N1	08-AUG-2007 00:01:27	Straylight	49.000	148	Alp Tuc	2.8780	4100.0	98	28427	No
2	GOM_NL__2PRFIN20070808_000455_000000432060_00317_28427_6083.N1	08-AUG-2007 00:04:55	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	28427	No
3	GOM_NL__2PRFIN20070808_002308_000000352060_00317_28427_6084.N1	08-AUG-2007 00:23:08	Bright	35.000	11	53Alp Aql	0.76500	8000.0	70	28427	No
4	GOM_NL__2PRFIN20070808_002444_000000352060_00317_28427_6085.N1	08-AUG-2007 00:24:44	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	28427	No
5	GOM_NL__2PRFIN20070808_003151_000000372060_00317_28427_6086.N1	08-AUG-2007 00:31:51	Bright	37.000	5	3Alp Lyr	0.033000	11000.	74	28427	No
6	GOM_NL__2PRFIN20070808_003331_000000362060_00317_28427_6087.N1	08-AUG-2007 00:33:31	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	28427	No
7	GOM_NL__2PRFIN20070808_004610_000000342060_00317_28427_6088.N1	08-AUG-2007 00:46:10	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	28427	No
8	GOM_NL__2PRFIN20070808_005909_000000542060_00317_28427_6089.N1	08-AUG-2007 00:59:09	Bright	54.000	42	34Bet Aur	1.9000	10200.	108	28427	No
9	GOM_NL__2PRFIN20070808_010127_000000352060_00317_28427_6090.N1	08-AUG-2007 01:01:27	Bright	35.000	107	37The Aur	2.6490	11000.	70	28427	No
10	GOM_NL__2PRFIN20070808_011017_000000522060_00317_28427_6091.N1	08-AUG-2007 01:10:17	Dark	51.500	14	58Alp Ori	0.87000	3000.0	103	28427	No
11	GOM_NL__2PRFIN20070808_011311_000000462060_00317_28427_6092.N1	08-AUG-2007 01:13:11	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	28427	No
12	GOM_NL__2PRFIN20070808_011516_000000422060_00317_28427_6093.N1	08-AUG-2007 01:15:16	Dark	41.500	56	53Kap Ori	2.0650	30000.	83	28427	No
13	GOM_NL__2PRFIN20070808_011648_000000412060_00317_28427_6094.N1	08-AUG-2007 01:16:48	Dark	41.000	47	2Bet CMa	1.9760	28000.	82	28427	No
14	GOM_NL__2PRFIN20070808_011850_000000402060_00317_28427_6095.N1	08-AUG-2007 01:18:50	Dark	40.000	139	9Bet Lep	2.8330	5600.0	80	28427	No
15	GOM_NL__2PRFIN20070808_013538_000000432060_00318_28428_6126.N1	08-AUG-2007 01:35:38	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28428	No
16	GOM_NL__2PRFIN20070808_014203_000000432060_00318_28428_6127.N1	08-AUG-2007 01:42:03	Straylight	42.500	148	Alp Tuc	2.8780	4100.0	85	28428	No
17	GOM_NL__2PRFIN20070808_014531_000000432060_00318_28428_6128.N1	08-AUG-2007 01:45:31	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	28428	No
18	GOM_NL__2PRFIN20070808_020343_000000362060_00318_28428_6129.N1	08-AUG-2007 02:03:43	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28428	No
19	GOM_NL__2PRFIN20070808_020520_000000352060_00318_28428_6130.N1	08-AUG-2007 02:05:20	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	28428	No
20	GOM_NL__2PRFIN20070808_021227_000000352060_00318_28428_6131.N1	08-AUG-2007 02:12:27	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	28428	No
21	GOM_NL__2PRFIN20070808_021407_000000352060_00318_28428_6132.N1	08-AUG-2007 02:14:07	Bright	34.500	144	18Del Cyg	2.8600	11000.	69	28428	No
22	GOM_NL__2PRFIN20070808_022646_000000362060_00318_28428_6133.N1	08-AUG-2007 02:26:46	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28428	No
23	GOM_NL__2PRFIN20070808_023945_000000372060_00318_28428_6134.N1	08-AUG-2007 02:39:45	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	28428	No
24	GOM_NL__2PRFIN20070808_024203_000000352060_00318_28428_6135.N1	08-AUG-2007 02:42:03	Bright	35.000	107	37The Aur	2.6490	11000.	70	28428	No
25	GOM_NL__2PRFIN20070808_025053_000000552060_00318_28428_6136.N1	08-AUG-2007 02:50:53	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28428	No
26	GOM_NL__2PRFIN20070808_025347_000000462060_00318_28428_6137.N1	08-AUG-2007 02:53:47	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	28428	No
27	GOM_NL__2PRFIN20070808_025552_000000422060_00318_28428_6138.N1	08-AUG-2007 02:55:52	Dark	42.000	56	53Kap Ori	2.0650	30000.	84	28428	No
28	GOM_NL__2PRFIN20070808_025724_000000422060_00318_28428_6139.N1	08-AUG-2007 02:57:24	Dark	42.000	47	2Bet CMa	1.9760	28000.	84	28428	No
29	GOM_NL__2PRFIN20070808_025926_000000422060_00318_28428_6140.N1	08-AUG-2007 02:59:26	Dark	42.000	139	9Bet Lep	2.8330	5600.0	84	28428	No
30	GOM_NL__2PRFIN20070808_031615_000000432060_00319_28429_6137.N1	08-AUG-2007 03:16:15	Dark	43.000	9	Alp Eri	0.45300	24000.	86	28429	No
31	GOM_NL__2PRFIN20070808_032240_000000392060_00319_28429_6138.N1	08-AUG-2007 03:22:40	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	28429	No
32	GOM_NL__2PRFIN20070808_032608_000000432060_00319_28429_6139.N1	08-AUG-2007 03:26:08	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	28429	No
33	GOM_NL__2PRFIN20070808_034420_000000362060_00319_28429_6140.N1	08-AUG-2007 03:44:20	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28429	No
34	GOM_NL__2PRFIN20070808_034556_000000352060_00319_28429_6141.N1	08-AUG-2007 03:45:56	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	28429	No
35	GOM_NL__2PRFIN20070808_035304_000000402060_00319_28429_6142.N1	08-AUG-2007 03:53:04	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	28429	No
36	GOM_NL__2PRFIN20070808_035442_000000362060_00319_28429_6143.N1	08-AUG-2007 03:54:42	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	28429	No
37	GOM_NL__2PRFIN20070808_040722_000000372060_00319_28429_6144.N1	08-AUG-2007 04:07:22	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28429	No
38	GOM_NL__2PRFIN20070808_042021_000000352060_00319_28429_6145.N1	08-AUG-2007 04:20:21	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	28429	No
39	GOM_NL__2PRFIN20070808_042239_000000352060_00319_28429_6146.N1	08-AUG-2007 04:22:39	Bright	34.500	107	37The Aur	2.6490	11000.	69	28429	No
40	GOM_NL__2PRFIN20070808_043129_000000482060_00319_28429_6147.N1	08-AUG-2007 04:31:29	Dark	47.500	14	58Alp Ori	0.87000	3000.0	95	28429	No
41	GOM_NL__2PRFIN20070808_043424_000000462060_00319_28429_6148.N1	08-AUG-2007 04:34:24	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	28429	No
42	GOM_NL__2PRFIN20070808_043629_000000412060_00319_28429_6149.N1	08-AUG-2007 04:36:29	Dark	41.000	56	53Kap Ori	2.0650	30000.	82	28429	No

43	GOM_NL__2PRFIN20070808_043800_000000382060_00319_28429_6150.N1	08-AUG-2007 04:38:00	Dark	38.000	47	2Bet CMa	1.9760	28000.	76	28429	No
44	GOM_NL__2PRFIN20070808_044003_000000442060_00319_28429_6151.N1	08-AUG-2007 04:40:03	Dark	44.000	139	9Bet Lep	2.8330	5600.0	88	28429	No
45	GOM_NL__2PRFIN20070808_045652_000000412060_00320_28430_6159.N1	08-AUG-2007 04:56:52	Dark	41.000	9	Alp Eri	0.45300	24000.	82	28430	No
46	GOM_NL__2PRFIN20070808_050316_000000422060_00320_28430_6160.N1	08-AUG-2007 05:03:16	Straylight	41.500	148	Alp Tuc	2.8780	4100.0	83	28430	No
47	GOM_NL__2PRFIN20070808_050644_000000462060_00320_28430_6161.N1	08-AUG-2007 05:06:44	Straylight	46.000	31	Alp Gru	1.7340	15200.	92	28430	No
48	GOM_NL__2PRFIN20070808_052456_000000352060_00320_28430_6162.N1	08-AUG-2007 05:24:56	Bright	35.000	11	53Alp Aql	0.76500	8000.0	70	28430	No
49	GOM_NL__2PRFIN20070808_052632_000000362060_00320_28430_6163.N1	08-AUG-2007 05:26:32	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	28430	No
50	GOM_NL__2PRFIN20070808_053340_000000402060_00320_28430_6164.N1	08-AUG-2007 05:33:40	Bright	40.000	5	3Alp Lyr	0.033000	11000.	80	28430	No
51	GOM_NL__2PRFIN20070808_053518_000000362060_00320_28430_6165.N1	08-AUG-2007 05:35:18	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	28430	No
52	GOM_NL__2PRFIN20070808_054758_000000342060_00320_28430_6166.N1	08-AUG-2007 05:47:58	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	28430	No
53	GOM_NL__2PRFIN20070808_060057_000000542060_00320_28430_6167.N1	08-AUG-2007 06:00:57	Bright	54.000	42	34Bet Aur	1.9000	10200.	108	28430	No
54	GOM_NL__2PRFIN20070808_060316_000000472060_00320_28430_6168.N1	08-AUG-2007 06:03:16	Bright	47.000	107	37The Aur	2.6490	11000.	94	28430	No
55	GOM_NL__2PRFIN20070808_061205_000000552060_00320_28430_6169.N1	08-AUG-2007 06:12:05	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28430	No
56	GOM_NL__2PRFIN20070808_061500_000000452060_00320_28430_6170.N1	08-AUG-2007 06:15:00	Dark	44.500	30	46Eps Ori	1.6940	30000.	89	28430	No
57	GOM_NL__2PRFIN20070808_061705_000000422060_00320_28430_6171.N1	08-AUG-2007 06:17:05	Dark	41.500	56	53Kap Ori	2.0650	30000.	83	28430	No
58	GOM_NL__2PRFIN20070808_061836_000000372060_00320_28430_6172.N1	08-AUG-2007 06:18:36	Dark	37.000	47	2Bet CMa	1.9760	28000.	74	28430	No
59	GOM_NL__2PRFIN20070808_062039_000000452060_00320_28430_6173.N1	08-AUG-2007 06:20:39	Dark	45.000	139	9Bet Lep	2.8330	5600.0	90	28430	No
60	GOM_NL__2PRFIN20070808_063728_000000532060_00321_28431_6174.N1	08-AUG-2007 06:37:28	Dark	53.000	9	Alp Eri	0.45300	24000.	106	28431	No
61	GOM_NL__2PRFIN20070808_064353_000000402060_00321_28431_6175.N1	08-AUG-2007 06:43:53	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28431	No
62	GOM_NL__2PRFIN20070808_064721_000000522060_00321_28431_6176.N1	08-AUG-2007 06:47:21	Straylight	52.000	31	Alp Gru	1.7340	15200.	104	28431	No
63	GOM_NL__2PRFIN20070808_070531_000000372060_00321_28431_6177.N1	08-AUG-2007 07:05:31	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	28431	No
64	GOM_NL__2PRFIN20070808_070709_000000352060_00321_28431_6178.N1	08-AUG-2007 07:07:09	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	28431	No
65	GOM_NL__2PRFIN20070808_071416_000000362060_00321_28431_6179.N1	08-AUG-2007 07:14:16	Bright	36.000	5	3Alp Lyr	0.033000	11000.	72	28431	No
66	GOM_NL__2PRFIN20070808_071554_000000352060_00321_28431_6180.N1	08-AUG-2007 07:15:54	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	28431	No
67	GOM_NL__2PRFIN20070808_072834_000000322060_00321_28431_6181.N1	08-AUG-2007 07:28:34	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	28431	No
68	GOM_NL__2PRFIN20070808_074133_000000362060_00321_28431_6182.N1	08-AUG-2007 07:41:33	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	28431	No
69	GOM_NL__2PRFIN20070808_074351_000000522060_00321_28431_6183.N1	08-AUG-2007 07:43:51	Bright	51.500	107	37The Aur	2.6490	11000.	103	28431	No
70	GOM_NL__2PRFIN20070808_075242_000000552060_00321_28431_6184.N1	08-AUG-2007 07:52:42	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28431	No
71	GOM_NL__2PRFIN20070808_075537_000000442060_00321_28431_6185.N1	08-AUG-2007 07:55:37	Dark	43.500	30	46Eps Ori	1.6940	30000.	87	28431	No
72	GOM_NL__2PRFIN20070808_075741_000000392060_00321_28431_6186.N1	08-AUG-2007 07:57:41	Dark	39.000	56	53Kap Ori	2.0650	30000.	78	28431	No
73	GOM_NL__2PRFIN20070808_075913_000000412060_00321_28431_6187.N1	08-AUG-2007 07:59:13	Dark	40.500	47	2Bet CMa	1.9760	28000.	81	28431	No
74	GOM_NL__2PRFIN20070808_080116_000000452060_00321_28431_6188.N1	08-AUG-2007 08:01:16	Dark	45.000	139	9Bet Lep	2.8330	5600.0	90	28431	No
75	GOM_NL__2PRFIN20070808_081805_000000442060_00322_28432_6190.N1	08-AUG-2007 08:18:05	Dark	43.500	9	Alp Eri	0.45300	24000.	87	28432	No
76	GOM_NL__2PRFIN20070808_082429_000000412060_00322_28432_6191.N1	08-AUG-2007 08:24:29	Straylight	41.000	148	Alp Tuc	2.8780	4100.0	82	28432	No
77	GOM_NL__2PRFIN20070808_082757_000000432060_00322_28432_6192.N1	08-AUG-2007 08:27:57	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	28432	No
78	GOM_NL__2PRFIN20070808_084607_000000362060_00322_28432_6193.N1	08-AUG-2007 08:46:07	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28432	No
79	GOM_NL__2PRFIN20070808_084745_000000342060_00322_28432_6194.N1	08-AUG-2007 08:47:45	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	28432	No
80	GOM_NL__2PRFIN20070808_085452_000000342060_00322_28432_6195.N1	08-AUG-2007 08:54:52	Bright	33.500	5	3Alp Lyr	0.033000	11000.	67	28432	No
81	GOM_NL__2PRFIN20070808_085630_000000362060_00322_28432_6196.N1	08-AUG-2007 08:56:30	Bright	36.000	144	18Del Cyg	2.8600	11000.	72	28432	No
82	GOM_NL__2PRFIN20070808_090910_000000372060_00322_28432_6197.N1	08-AUG-2007 09:09:10	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28432	No
83	GOM_NL__2PRFIN20070808_092209_000000362060_00322_28432_6198.N1	08-AUG-2007 09:22:09	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	28432	No
84	GOM_NL__2PRFIN20070808_092428_000000552060_00322_28432_6199.N1	08-AUG-2007 09:24:28	Bright	55.000	107	37The Aur	2.6490	11000.	110	28432	No
85	GOM_NL__2PRFIN20070808_093318_000000552060_00322_28432_6200.N1	08-AUG-2007 09:33:18	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28432	No
86	GOM_NL__2PRFIN20070808_093613_000000462060_00322_28432_6201.N1	08-AUG-2007 09:36:13	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	28432	No
87	GOM_NL__2PRFIN20070808_093818_000000432060_00322_28432_6202.N1	08-AUG-2007 09:38:18	Dark	42.500	56	53Kap Ori	2.0650	30000.	85	28432	No
88	GOM_NL__2PRFIN20070808_093949_000000422060_00322_28432_6203.N1	08-AUG-2007 09:39:49	Dark	41.500	47	2Bet CMa	1.9760	28000.	83	28432	No
89	GOM_NL__2PRFIN20070808_094152_000000442060_00322_28432_6204.N1	08-AUG-2007 09:41:52	Dark	44.000	139	9Bet Lep	2.8330	5600.0	88	28432	No
90	GOM_NL__2PRFIN20070808_095841_000000452060_00323_28433_6205.N1	08-AUG-2007 09:58:41	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28433	No
91	GOM_NL__2PRFIN20070808_100505_000000412060_00323_28433_6206.N1	08-AUG-2007 10:05:05	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	28433	No
92	GOM_NL__2PRFIN20070808_100833_000000452060_00323_28433_6207.N1	08-AUG-2007 10:08:33	Straylight	45.000	31	Alp Gru	1.7340	15200.	90	28433	No
93	GOM_NL__2PRFIN20070808_102643_000000362060_00323_28433_6208.N1	08-AUG-2007 10:26:43	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28433	No
94	GOM_NL__2PRFIN20070808_102821_000000342060_00323_28433_6209.N1	08-AUG-2007 10:28:21	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	28433	No
95	GOM_NL__2PRFIN20070808_103528_000000352060_00323_28433_6210.N1	08-AUG-2007 10:35:28	Bright	34.500	5	3Alp Lyr	0.033000	11000.	69	28433	No
96	GOM_NL__2PRFIN20070808_103706_000000362060_00323_28433_6211.N1	08-AUG-2007 10:37:06	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	28433	No
97	GOM_NL__2PRFIN20070808_104946_000000362060_00323_28433_6212.N1	08-AUG-2007 10:49:46	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28433	No
98	GOM_NL__2PRFIN20070808_110245_000000542060_00323_28433_6213.N1	08-AUG-2007 11:02:45	Bright	54.000	42	34Bet Aur	1.9000	10200.	108	28433	No
99	GOM_NL__2PRFIN20070808_110504_000000352060_00323_28433_6214.N1	08-AUG-2007 11:05:04	Bright	35.000	107	37The Aur	2.6490	11000.	70	28433	No
100	GOM_NL__2PRFIN20070808_111354_000000552060_00323_28433_6215.N1	08-AUG-2007 11:13:54	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28433	No
101	GOM_NL__2PRFIN20070808_111649_000000472060_00323_28433_6216.N1	08-AUG-2007 11:16:49	Dark	47.000	30	46Eps Ori	1.6940	30000.	94	28433	No

102	GOM_NL__2PRFIN20070808_111854_000000442060_00323_28433_6217.N1	08-AUG-2007 11:18:54	Dark	43.500	56	53Kap Ori	2.0650	30000.	87	28433	No
103	GOM_NL__2PRFIN20070808_112025_000000412060_00323_28433_6218.N1	08-AUG-2007 11:20:25	Dark	41.000	47	2Bet CMa	1.9760	28000.	82	28433	No
104	GOM_NL__2PRFIN20070808_112229_000000422060_00323_28433_6219.N1	08-AUG-2007 11:22:29	Dark	41.500	139	9Bet Lep	2.8330	5600.0	83	28433	No
105	GOM_NL__2PRFIN20070808_113918_000000462060_00324_28434_6208.N1	08-AUG-2007 11:39:18	Dark	45.500	9	Alp Eri	0.45300	24000.	91	28434	No
106	GOM_NL__2PRFIN20070808_114541_000000412060_00324_28434_6209.N1	08-AUG-2007 11:45:41	Straylight	40.500	148	Alp Tuc	2.8780	4100.0	81	28434	No
107	GOM_NL__2PRFIN20070808_114910_000000482060_00324_28434_6210.N1	08-AUG-2007 11:49:10	Straylight	47.500	31	Alp Gru	1.7340	15200.	95	28434	No
108	GOM_NL__2PRFIN20070808_120719_000000372060_00324_28434_6211.N1	08-AUG-2007 12:07:19	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	28434	No
109	GOM_NL__2PRFIN20070808_120857_000000342060_00324_28434_6212.N1	08-AUG-2007 12:08:57	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	28434	No
110	GOM_NL__2PRFIN20070808_121604_000000392060_00324_28434_6213.N1	08-AUG-2007 12:16:04	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	28434	No
111	GOM_NL__2PRFIN20070808_121742_000000362060_00324_28434_6214.N1	08-AUG-2007 12:17:42	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	28434	No
112	GOM_NL__2PRFIN20070808_123022_000000362060_00324_28434_6215.N1	08-AUG-2007 12:30:22	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28434	No
113	GOM_NL__2PRFIN20070808_124321_000000392060_00324_28434_6216.N1	08-AUG-2007 12:43:21	Bright	39.000	42	34Bet Aur	1.9000	10200.	78	28434	No
114	GOM_NL__2PRFIN20070808_124539_000000362060_00324_28434_6217.N1	08-AUG-2007 12:45:39	Bright	35.500	107	37The Aur	2.6490	11000.	71	28434	No
115	GOM_NL__2PRFIN20070808_124944_000000532060_00324_28434_6218.N1	08-AUG-2007 12:49:44	Bright	53.000	151	13Mu Gem	2.8900	3000.0	106	28434	No
116	GOM_NL__2PRFIN20070808_125430_000000552060_00324_28434_6219.N1	08-AUG-2007 12:54:30	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28434	No
117	GOM_NL__2PRFIN20070808_125726_000000462060_00324_28434_6220.N1	08-AUG-2007 12:57:26	Dark	45.500	30	46Eps Ori	1.6940	30000.	91	28434	No
118	GOM_NL__2PRFIN20070808_125930_000000442060_00324_28434_6221.N1	08-AUG-2007 12:59:30	Dark	43.500	56	53Kap Ori	2.0650	30000.	87	28434	No
119	GOM_NL__2PRFIN20070808_130101_000000402060_00324_28434_6222.N1	08-AUG-2007 13:01:01	Dark	40.000	47	2Bet CMa	1.9760	28000.	80	28434	No
120	GOM_NL__2PRFIN20070808_130305_000000432060_00324_28434_6223.N1	08-AUG-2007 13:03:05	Dark	42.500	139	9Bet Lep	2.8330	5600.0	85	28434	No
121	GOM_NL__2PRFIN20070808_131955_000000432060_00325_28435_6243.N1	08-AUG-2007 13:19:55	Dark	42.500	9	Alp Eri	0.45300	24000.	85	28435	No
122	GOM_NL__2PRFIN20070808_132618_000000442060_00325_28435_6244.N1	08-AUG-2007 13:26:18	Straylight	43.500	148	Alp Tuc	2.8780	4100.0	87	28435	No
123	GOM_NL__2PRFIN20070808_132946_000000432060_00325_28435_6245.N1	08-AUG-2007 13:29:46	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	28435	No
124	GOM_NL__2PRFIN20070808_134755_000000362060_00325_28435_6246.N1	08-AUG-2007 13:47:55	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28435	No
125	GOM_NL__2PRFIN20070808_134933_000000342060_00325_28435_6247.N1	08-AUG-2007 13:49:33	Bright	33.500	168	17Zet Aql	2.9860	11000.	67	28435	No
126	GOM_NL__2PRFIN20070808_135640_000000352060_00325_28435_6248.N1	08-AUG-2007 13:56:40	Bright	35.000	5	3Alp Lyr	0.033000	11000.	70	28435	No
127	GOM_NL__2PRFIN20070808_135817_000000352060_00325_28435_6249.N1	08-AUG-2007 13:58:17	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	28435	No
128	GOM_NL__2PRFIN20070808_141058_000000332060_00325_28435_6250.N1	08-AUG-2007 14:10:58	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	28435	No
129	GOM_NL__2PRFIN20070808_142356_000000372060_00325_28435_6251.N1	08-AUG-2007 14:23:56	Bright	37.000	42	34Bet Aur	1.9000	10200.	74	28435	No
130	GOM_NL__2PRFIN20070808_142615_000000372060_00325_28435_6252.N1	08-AUG-2007 14:26:15	Bright	36.500	107	37The Aur	2.6490	11000.	73	28435	No
131	GOM_NL__2PRFIN20070808_143020_000000402060_00325_28435_6253.N1	08-AUG-2007 14:30:20	Bright	39.500	151	13Mu Gem	2.8900	3000.0	79	28435	No
132	GOM_NL__2PRFIN20070808_143507_000000552060_00325_28435_6254.N1	08-AUG-2007 14:35:07	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28435	No
133	GOM_NL__2PRFIN20070808_143802_000000432060_00325_28435_6255.N1	08-AUG-2007 14:38:02	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	28435	No
134	GOM_NL__2PRFIN20070808_144007_000000432060_00325_28435_6256.N1	08-AUG-2007 14:40:07	Dark	42.500	56	53Kap Ori	2.0650	30000.	85	28435	No
135	GOM_NL__2PRFIN20070808_144137_000000412060_00325_28435_6257.N1	08-AUG-2007 14:41:37	Dark	41.000	47	2Bet CMa	1.9760	28000.	82	28435	No
136	GOM_NL__2PRFIN20070808_144342_000000442060_00325_28435_6258.N1	08-AUG-2007 14:43:42	Dark	43.500	139	9Bet Lep	2.8330	5600.0	87	28435	No
137	GOM_NL__2PRFIN20070808_150031_000000462060_00326_28436_6257.N1	08-AUG-2007 15:00:31	Dark	46.000	9	Alp Eri	0.45300	24000.	92	28436	No
138	GOM_NL__2PRFIN20070808_150654_000000392060_00326_28436_6258.N1	08-AUG-2007 15:06:54	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	28436	No
139	GOM_NL__2PRFIN20070808_151022_000000432060_00326_28436_6259.N1	08-AUG-2007 15:10:22	Straylight	42.500	31	Alp Gru	1.7340	15200.	85	28436	No
140	GOM_NL__2PRFIN20070808_152831_000000362060_00326_28436_6260.N1	08-AUG-2007 15:28:31	Bright	36.000	11	53Alp Aql	0.76500	8000.0	72	28436	No
141	GOM_NL__2PRFIN20070808_153009_000000352060_00326_28436_6261.N1	08-AUG-2007 15:30:09	Bright	34.500	168	17Zet Aql	2.9860	11000.	69	28436	No
142	GOM_NL__2PRFIN20070808_153716_000000362060_00326_28436_6262.N1	08-AUG-2007 15:37:16	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	28436	No
143	GOM_NL__2PRFIN20070808_153853_000000352060_00326_28436_6263.N1	08-AUG-2007 15:38:53	Bright	35.000	144	18Del Cyg	2.8600	11000.	70	28436	No
144	GOM_NL__2PRFIN20070808_155133_000000362060_00326_28436_6264.N1	08-AUG-2007 15:51:33	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	28436	No
145	GOM_NL__2PRFIN20070808_160432_000000352060_00326_28436_6265.N1	08-AUG-2007 16:04:32	Bright	35.000	42	34Bet Aur	1.9000	10200.	70	28436	No
146	GOM_NL__2PRFIN20070808_160651_000000362060_00326_28436_6266.N1	08-AUG-2007 16:06:51	Bright	35.500	107	37The Aur	2.6490	11000.	71	28436	No
147	GOM_NL__2PRFIN20070808_161057_000000462060_00326_28436_6267.N1	08-AUG-2007 16:10:57	Bright	45.500	151	13Mu Gem	2.8900	3000.0	91	28436	No
148	GOM_NL__2PRFIN20070808_161543_000000552060_00326_28436_6268.N1	08-AUG-2007 16:15:43	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28436	No
149	GOM_NL__2PRFIN20070808_161838_000000452060_00326_28436_6269.N1	08-AUG-2007 16:18:38	Dark	45.000	30	46Eps Ori	1.6940	30000.	90	28436	No
150	GOM_NL__2PRFIN20070808_162043_000000422060_00326_28436_6270.N1	08-AUG-2007 16:20:43	Dark	41.500	56	53Kap Ori	2.0650	30000.	83	28436	No
151	GOM_NL__2PRFIN20070808_162214_000000392060_00326_28436_6271.N1	08-AUG-2007 16:22:14	Dark	38.500	47	2Bet CMa	1.9760	28000.	77	28436	No
152	GOM_NL__2PRFIN20070808_162418_000000432060_00326_28436_6272.N1	08-AUG-2007 16:24:18	Dark	42.500	139	9Bet Lep	2.8330	5600.0	85	28436	No
153	GOM_NL__2PRFIN20070808_164108_000000442060_00327_28437_6273.N1	08-AUG-2007 16:41:08	Dark	43.500	9	Alp Eri	0.45300	24000.	87	28437	No
154	GOM_NL__2PRFIN20070808_164730_000000402060_00327_28437_6274.N1	08-AUG-2007 16:47:30	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28437	No
155	GOM_NL__2PRFIN20070808_165059_000000412060_00327_28437_6275.N1	08-AUG-2007 16:50:59	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	28437	No
156	GOM_NL__2PRFIN20070808_170907_000000392060_00327_28437_6276.N1	08-AUG-2007 17:09:07	Bright	38.500	11	53Alp Aql	0.76500	8000.0	77	28437	No
157	GOM_NL__2PRFIN20070808_171045_000000342060_00327_28437_6277.N1	08-AUG-2007 17:10:45	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	28437	No
158	GOM_NL__2PRFIN20070808_171752_000000342060_00327_28437_6278.N1	08-AUG-2007 17:17:52	Bright	34.000	5	3Alp Lyr	0.033000	11000.	68	28437	No
159	GOM_NL__2PRFIN20070808_171929_000000372060_00327_28437_6279.N1	08-AUG-2007 17:19:29	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	28437	No
160	GOM_NL__2PRFIN20070808_173209_000000372060_00327_28437_6280.N1	08-AUG-2007 17:32:09	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	28437	No

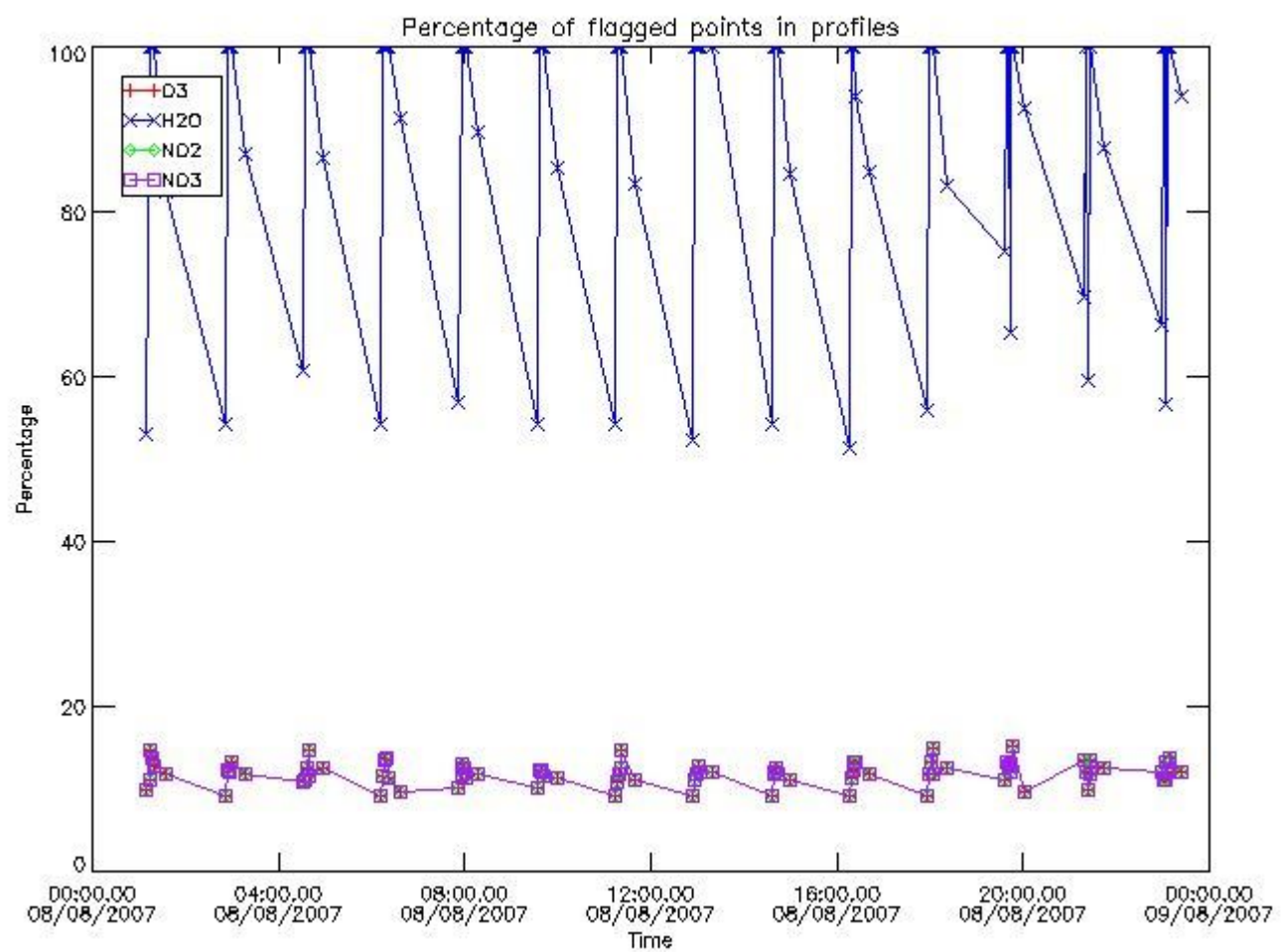
161	GOM_NL__2PRFIN20070808_174508_000000362060_00327_28437_6281.N1	08-AUG-2007 17:45:08	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	28437	No
162	GOM_NL__2PRFIN20070808_174727_000000482060_00327_28437_6282.N1	08-AUG-2007 17:47:27	Bright	47.500	107	37The Aur	2.6490	11000.	95	28437	No
163	GOM_NL__2PRFIN20070808_175133_000000502060_00327_28437_6283.N1	08-AUG-2007 17:51:33	Bright	49.500	151	13Mu Gem	2.8900	3000.0	99	28437	No
164	GOM_NL__2PRFIN20070808_175619_000000552060_00327_28437_6284.N1	08-AUG-2007 17:56:19	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28437	No
165	GOM_NL__2PRFIN20070808_175915_000000432060_00327_28437_6285.N1	08-AUG-2007 17:59:15	Dark	43.000	30	46Eps Ori	1.6940	30000.	86	28437	No
166	GOM_NL__2PRFIN20070808_180120_000000432060_00327_28437_6286.N1	08-AUG-2007 18:01:20	Dark	42.500	56	53Kap Ori	2.0650	30000.	85	28437	No
167	GOM_NL__2PRFIN20070808_180250_000000382060_00327_28437_6287.N1	08-AUG-2007 18:02:50	Dark	37.500	47	2Bet CMa	1.9760	28000.	75	28437	No
168	GOM_NL__2PRFIN20070808_180455_000000432060_00327_28437_6288.N1	08-AUG-2007 18:04:55	Dark	43.000	139	9Bet Lep	2.8330	5600.0	86	28437	No
169	GOM_NL__2PRFIN20070808_182145_000000452060_00328_28438_6282.N1	08-AUG-2007 18:21:45	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28438	No
170	GOM_NL__2PRFIN20070808_182807_000000392060_00328_28438_6283.N1	08-AUG-2007 18:28:07	Straylight	38.500	148	Alp Tuc	2.8780	4100.0	77	28438	No
171	GOM_NL__2PRFIN20070808_183135_000000482060_00328_28438_6284.N1	08-AUG-2007 18:31:35	Straylight	48.000	31	Alp Gru	1.7340	15200.	96	28438	No
172	GOM_NL__2PRFIN20070808_184943_000000372060_00328_28438_6285.N1	08-AUG-2007 18:49:43	Bright	36.500	11	53Alp Aql	0.76500	8000.0	73	28438	No
173	GOM_NL__2PRFIN20070808_185121_000000362060_00328_28438_6286.N1	08-AUG-2007 18:51:21	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	28438	No
174	GOM_NL__2PRFIN20070808_185829_000000372060_00328_28438_6287.N1	08-AUG-2007 18:58:29	Bright	36.500	5	3Alp Lyr	0.033000	11000.	73	28438	No
175	GOM_NL__2PRFIN20070808_190005_000000362060_00328_28438_6288.N1	08-AUG-2007 19:00:05	Bright	35.500	144	18Del Cyg	2.8600	11000.	71	28438	No
176	GOM_NL__2PRFIN20070808_191245_000000372060_00328_28438_6289.N1	08-AUG-2007 19:12:45	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28438	No
177	GOM_NL__2PRFIN20070808_192544_000000362060_00328_28438_6290.N1	08-AUG-2007 19:25:44	Bright	35.500	42	34Bet Aur	1.9000	10200.	71	28438	No
178	GOM_NL__2PRFIN20070808_192803_000000542060_00328_28438_6291.N1	08-AUG-2007 19:28:03	Bright	53.500	107	37The Aur	2.6490	11000.	107	28438	No
179	GOM_NL__2PRFIN20070808_193209_000000452060_00328_28438_6292.N1	08-AUG-2007 19:32:09	Bright	45.000	151	13Mu Gem	2.8900	3000.0	90	28438	No
180	GOM_NL__2PRFIN20070808_193655_000000552060_00328_28438_6293.N1	08-AUG-2007 19:36:55	Dark	55.000	14	58Alp Ori	0.87000	3000.0	110	28438	No
181	GOM_NL__2PRFIN20070808_193951_000000432060_00328_28438_6294.N1	08-AUG-2007 19:39:51	Dark	42.500	30	46Eps Ori	1.6940	30000.	85	28438	No
182	GOM_NL__2PRFIN20070808_194113_000000402060_00328_28438_6295.N1	08-AUG-2007 19:41:13	Dark	40.000	125	44Iot Ori	2.7700	30000.	80	28438	No
183	GOM_NL__2PRFIN20070808_194245_000000402060_00328_28438_6296.N1	08-AUG-2007 19:42:45	Dark	39.500	1	9Alp CMa	-1.4400	11000.	79	28438	No
184	GOM_NL__2PRFIN20070808_194435_000000432060_00328_28438_6297.N1	08-AUG-2007 19:44:35	Dark	42.500	101	11Alp Lep	2.5820	7000.0	85	28438	No
185	GOM_NL__2PRFIN20070808_194645_000000372060_00328_28438_6298.N1	08-AUG-2007 19:46:45	Dark	37.000	177	1Zet CMa	3.0220	26000.	74	28438	No
186	GOM_NL__2PRFIN20070808_200221_000000542060_00329_28439_6286.N1	08-AUG-2007 20:02:21	Dark	53.500	9	Alp Eri	0.45300	24000.	107	28439	No
187	GOM_NL__2PRFIN20070808_200843_000000402060_00329_28439_6287.N1	08-AUG-2007 20:08:43	Straylight	39.500	148	Alp Tuc	2.8780	4100.0	79	28439	No
188	GOM_NL__2PRFIN20070808_201212_000000432060_00329_28439_6288.N1	08-AUG-2007 20:12:12	Straylight	43.000	31	Alp Gru	1.7340	15200.	86	28439	No
189	GOM_NL__2PRFIN20070808_203019_000000372060_00329_28439_6289.N1	08-AUG-2007 20:30:19	Bright	37.000	11	53Alp Aql	0.76500	8000.0	74	28439	No
190	GOM_NL__2PRFIN20070808_203157_000000352060_00329_28439_6290.N1	08-AUG-2007 20:31:57	Bright	35.000	168	17Zet Aql	2.9860	11000.	70	28439	No
191	GOM_NL__2PRFIN20070808_203905_000000362060_00329_28439_6291.N1	08-AUG-2007 20:39:05	Bright	35.500	5	3Alp Lyr	0.033000	11000.	71	28439	No
192	GOM_NL__2PRFIN20070808_204041_000000372060_00329_28439_6292.N1	08-AUG-2007 20:40:41	Bright	36.500	144	18Del Cyg	2.8600	11000.	73	28439	No
193	GOM_NL__2PRFIN20070808_205321_000000352060_00329_28439_6293.N1	08-AUG-2007 20:53:21	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	28439	No
194	GOM_NL__2PRFIN20070808_210620_000000352060_00329_28439_6294.N1	08-AUG-2007 21:06:20	Bright	34.500	42	34Bet Aur	1.9000	10200.	69	28439	No
195	GOM_NL__2PRFIN20070808_210839_000000382060_00329_28439_6295.N1	08-AUG-2007 21:08:39	Bright	38.000	107	37The Aur	2.6490	11000.	76	28439	No
196	GOM_NL__2PRFIN20070808_211245_000000532060_00329_28439_6296.N1	08-AUG-2007 21:12:45	Bright	53.000	151	13Mu Gem	2.8900	3000.0	106	28439	No
197	GOM_NL__2PRFIN20070808_211732_000000422060_00329_28439_6297.N1	08-AUG-2007 21:17:32	Dark	41.500	14	58Alp Ori	0.87000	3000.0	83	28439	No
198	GOM_NL__2PRFIN20070808_212028_000000432060_00329_28439_6298.N1	08-AUG-2007 21:20:28	Dark	42.500	30	46Eps Ori	1.6940	30000.	85	28439	No
199	GOM_NL__2PRFIN20070808_212150_000000432060_00329_28439_6299.N1	08-AUG-2007 21:21:50	Dark	42.500	125	44Iot Ori	2.7700	30000.	85	28439	No
200	GOM_NL__2PRFIN20070808_212322_000000512060_00329_28439_6300.N1	08-AUG-2007 21:23:22	Dark	51.000	1	9Alp CMa	-1.4400	11000.	102	28439	No
201	GOM_NL__2PRFIN20070808_212512_000000432060_00329_28439_6301.N1	08-AUG-2007 21:25:12	Dark	43.000	101	11Alp Lep	2.5820	7000.0	86	28439	No
202	GOM_NL__2PRFIN20070808_212721_000000382060_00329_28439_6302.N1	08-AUG-2007 21:27:21	Dark	37.500	177	1Zet CMa	3.0220	26000.	75	28439	No
203	GOM_NL__2PRFIN20070808_214258_000000452060_00330_28440_6324.N1	08-AUG-2007 21:42:58	Dark	45.000	9	Alp Eri	0.45300	24000.	90	28440	No
204	GOM_NL__2PRFIN20070808_214919_000000402060_00330_28440_6325.N1	08-AUG-2007 21:49:19	Straylight	40.000	148	Alp Tuc	2.8780	4100.0	80	28440	No
205	GOM_NL__2PRFIN20070808_215248_000000412060_00330_28440_6326.N1	08-AUG-2007 21:52:48	Straylight	40.500	31	Alp Gru	1.7340	15200.	81	28440	No
206	GOM_NL__2PRFIN20070808_221055_000000362060_00330_28440_6327.N1	08-AUG-2007 22:10:55	Bright	35.500	11	53Alp Aql	0.76500	8000.0	71	28440	No
207	GOM_NL__2PRFIN20070808_221233_000000342060_00330_28440_6328.N1	08-AUG-2007 22:12:33	Bright	34.000	168	17Zet Aql	2.9860	11000.	68	28440	No
208	GOM_NL__2PRFIN20070808_221941_000000392060_00330_28440_6329.N1	08-AUG-2007 22:19:41	Bright	38.500	5	3Alp Lyr	0.033000	11000.	77	28440	No
209	GOM_NL__2PRFIN20070808_222116_000000342060_00330_28440_6330.N1	08-AUG-2007 22:21:16	Bright	34.000	144	18Del Cyg	2.8600	11000.	68	28440	No
210	GOM_NL__2PRFIN20070808_223357_000000372060_00330_28440_6331.N1	08-AUG-2007 22:33:57	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	28440	No
211	GOM_NL__2PRFIN20070808_224656_000000542060_00330_28440_6332.N1	08-AUG-2007 22:46:56	Bright	53.500	42	34Bet Aur	1.9000	10200.	107	28440	No
212	GOM_NL__2PRFIN20070808_224915_000000362060_00330_28440_6333.N1	08-AUG-2007 22:49:15	Bright	35.500	107	37The Aur	2.6490	11000.	71	28440	No
213	GOM_NL__2PRFIN20070808_225321_000000452060_00330_28440_6334.N1	08-AUG-2007 22:53:21	Bright	44.500	151	13Mu Gem	2.8900	3000.0	89	28440	No
214	GOM_NL__2PRFIN20070808_225808_000000422060_00330_28440_6335.N1	08-AUG-2007 22:58:08	Dark	42.000	14	58Alp Ori	0.87000	3000.0	84	28440	No
215	GOM_NL__2PRFIN20070808_230104_000000462060_00330_28440_6336.N1	08-AUG-2007 23:01:04	Dark	46.000	30	46Eps Ori	1.6940	30000.	92	28440	No
216	GOM_NL__2PRFIN20070808_230226_000000432060_00330_28440_6337.N1	08-AUG-2007 23:02:26	Dark	42.500	125	44Iot Ori	2.7700	30000.	85	28440	No
217	GOM_NL__2PRFIN20070808_230358_000000462060_00330_28440_6338.N1	08-AUG-2007 23:03:58	Dark	45.500	1	9Alp CMa	-1.4400	11000.	91	28440	No
218	GOM_NL__2PRFIN20070808_230548_000000422060_00330_28440_6339.N1	08-AUG-2007 23:05:48	Dark	42.000	101	11Alp Lep	2.5820	7000.0	84	28440	No
219	GOM_NL__2PRFIN20070808_230757_000000372060_00330_28440_6340.N1	08-AUG-2007 23:07:57	Dark	37.000	177	1Zet CMa	3.0220	26000.	74	28440	No

220	GOM_NL__2PRFIN20070808_232334_000000422060_00331_28441_6340.N1	08-AUG-2007 23:23:34	Dark	42.000	9	Alp Eri	0.45300	24000.	84	28441	No
221	GOM_NL__2PRFIN20070808_232956_000000392060_00331_28441_6341.N1	08-AUG-2007 23:29:56	Straylight	39.000	148	Alp Tuc	2.8780	4100.0	78	28441	No
222	GOM_NL__2PRFIN20070808_235131_000000382060_00331_28441_6342.N1	08-AUG-2007 23:51:31	Bright	37.500	11	53Alp Aql	0.76500	8000.0	75	28441	No
223	GOM_NL__2PRFIN20070808_235309_000000362060_00331_28441_6343.N1	08-AUG-2007 23:53:09	Bright	35.500	168	17Zet Aql	2.9860	11000.	71	28441	No

3. Quality information per product

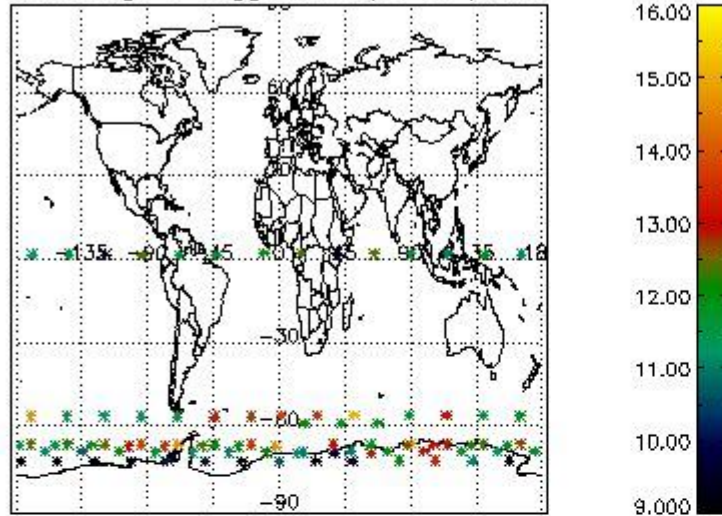
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

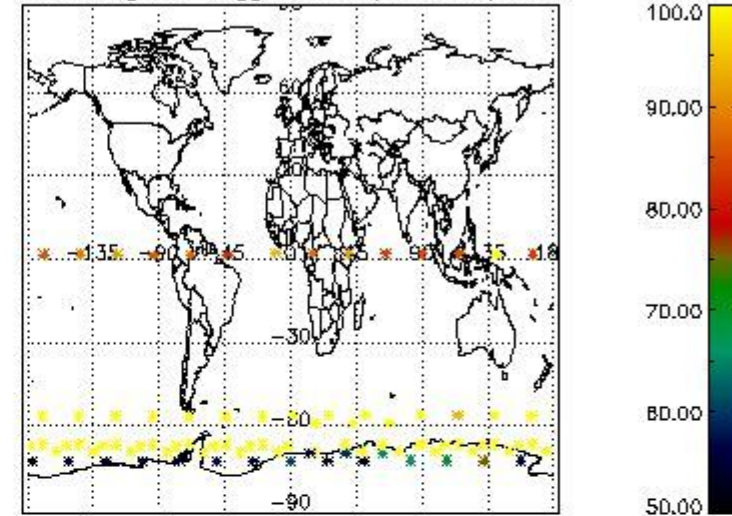


3.2 Plot quality information per product (world map)

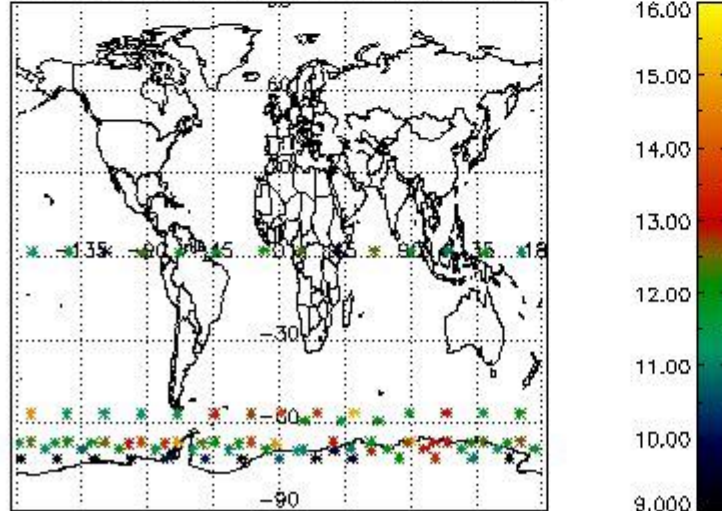
Percentage of flagged data per O3 profile



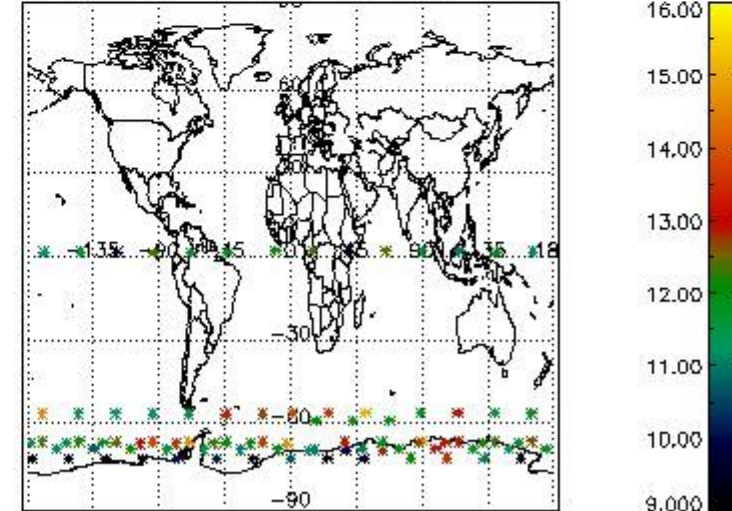
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

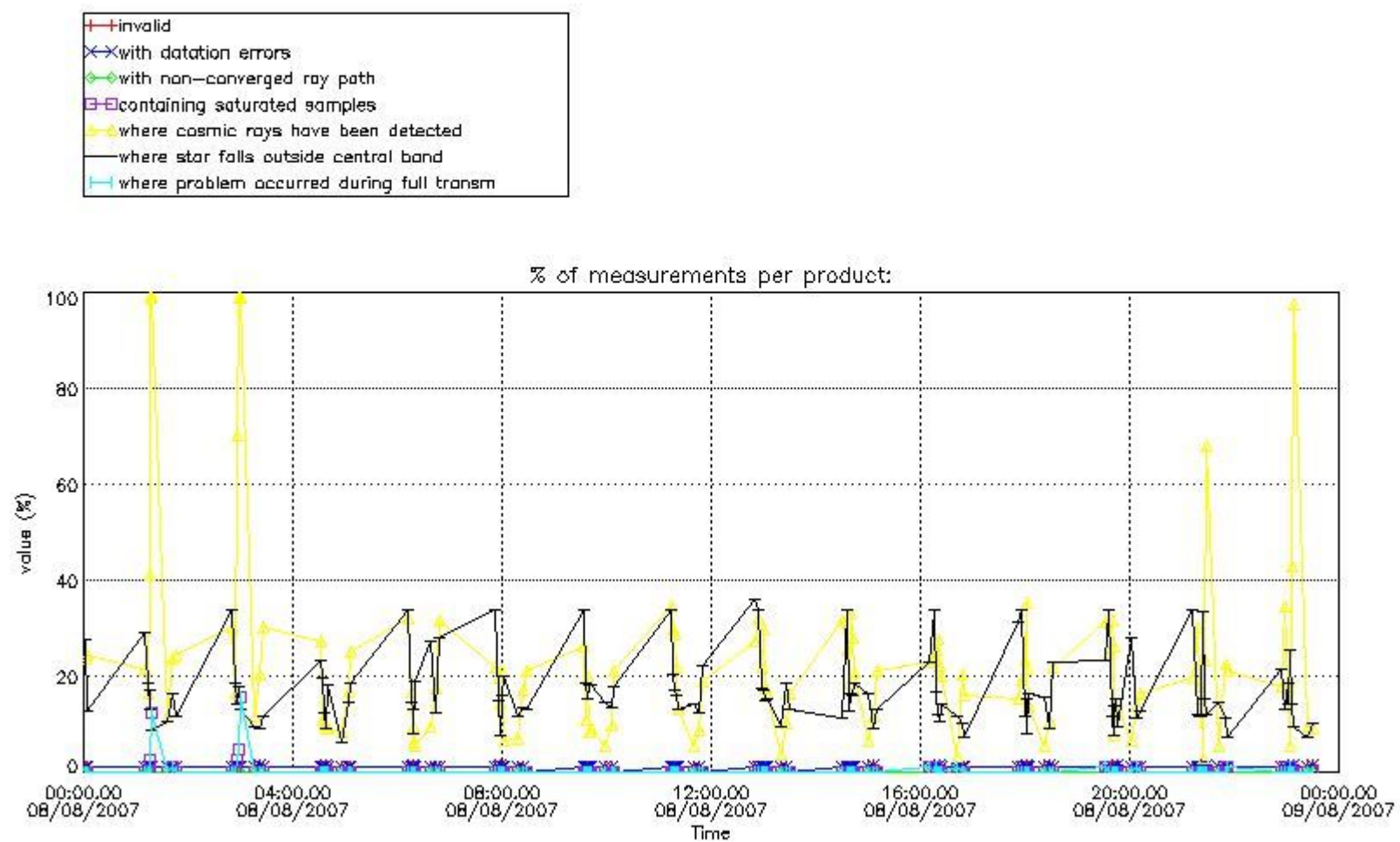


4. Level 1 quality information per product

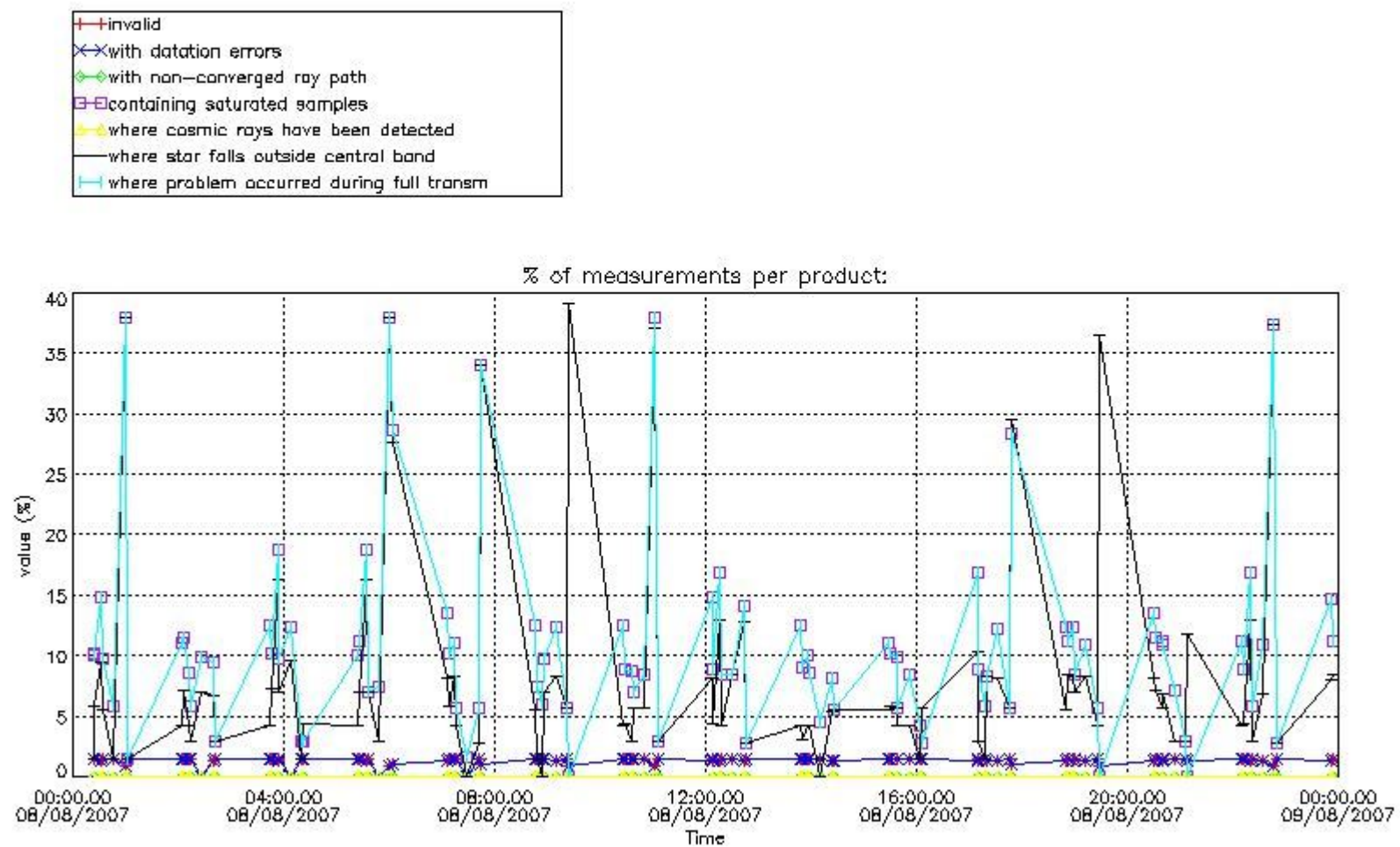
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

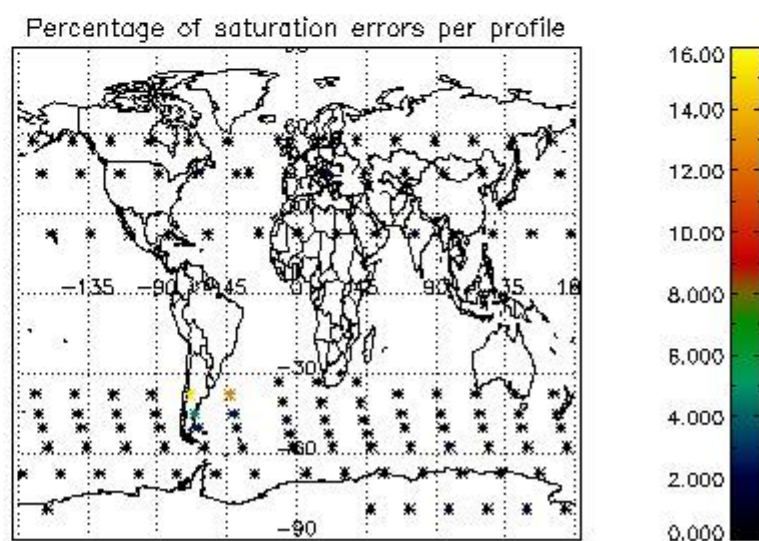
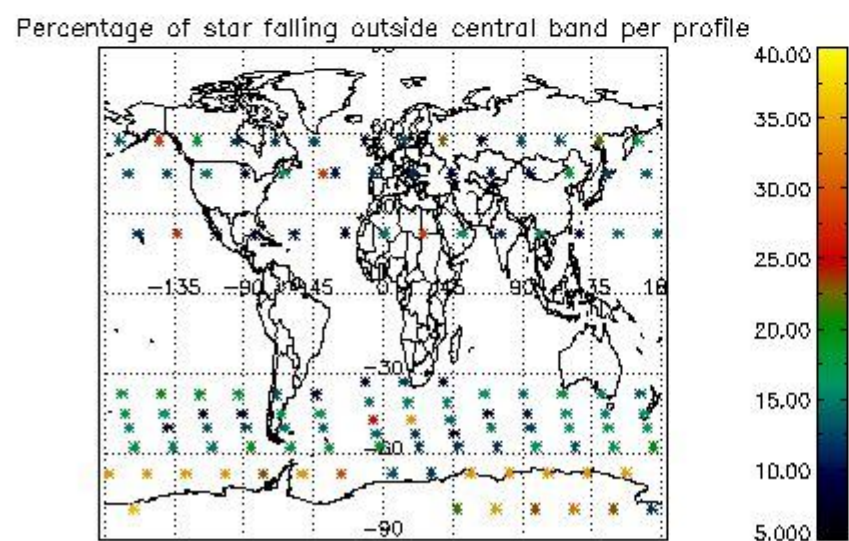
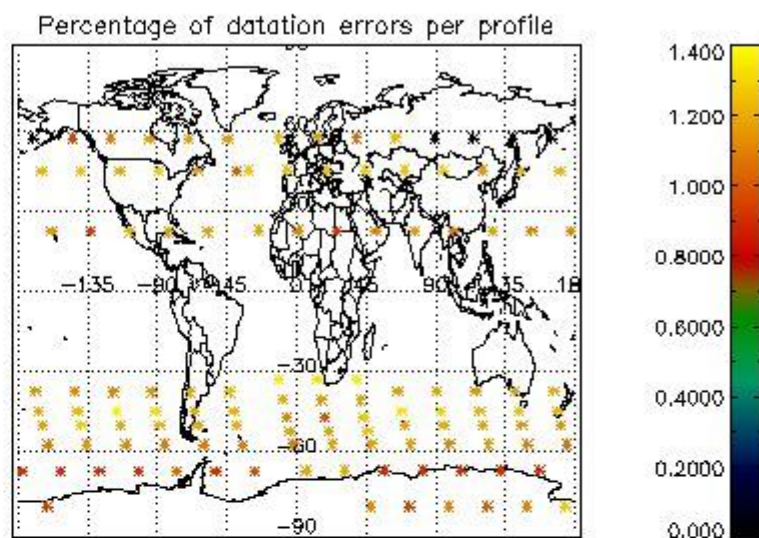
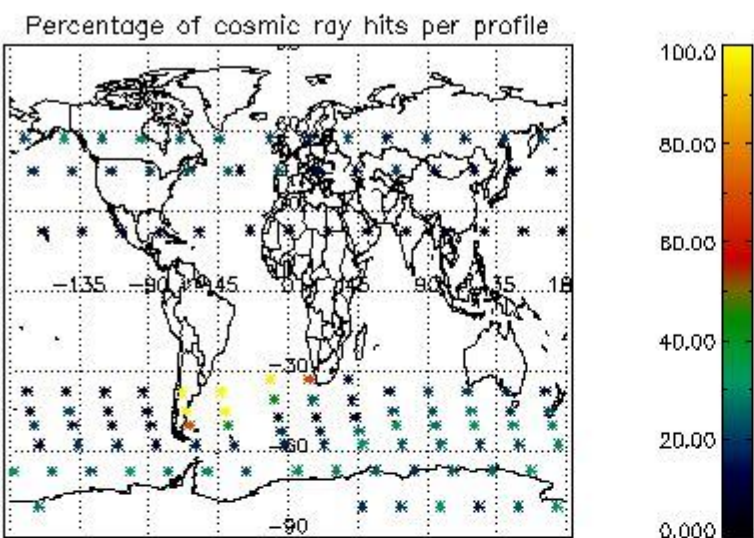


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

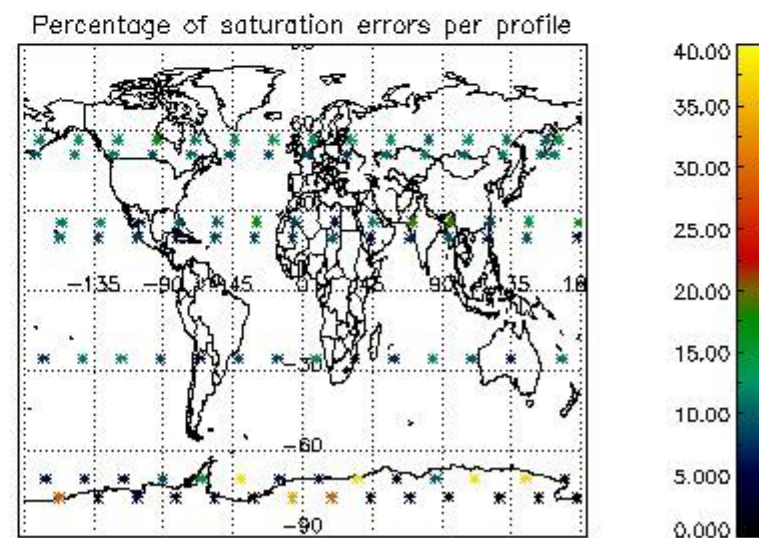
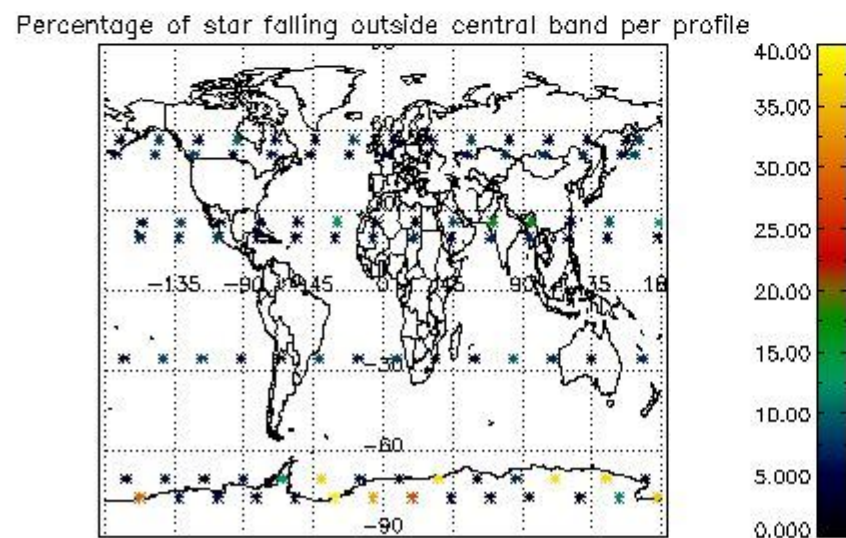
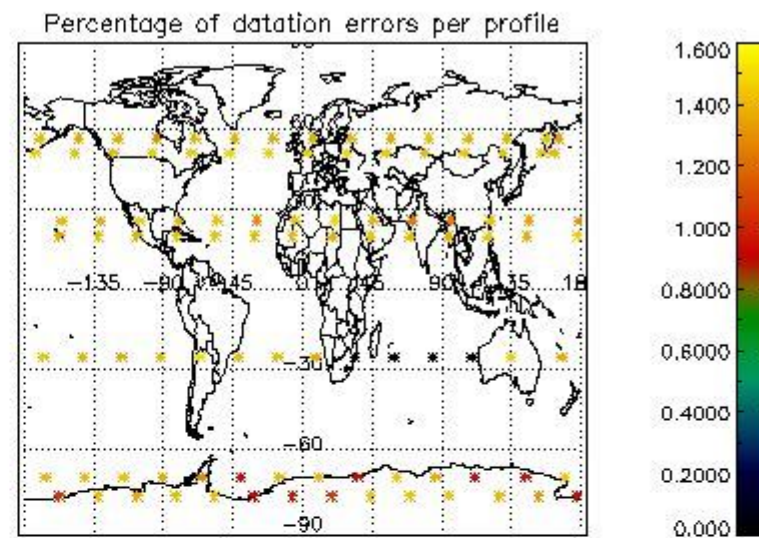
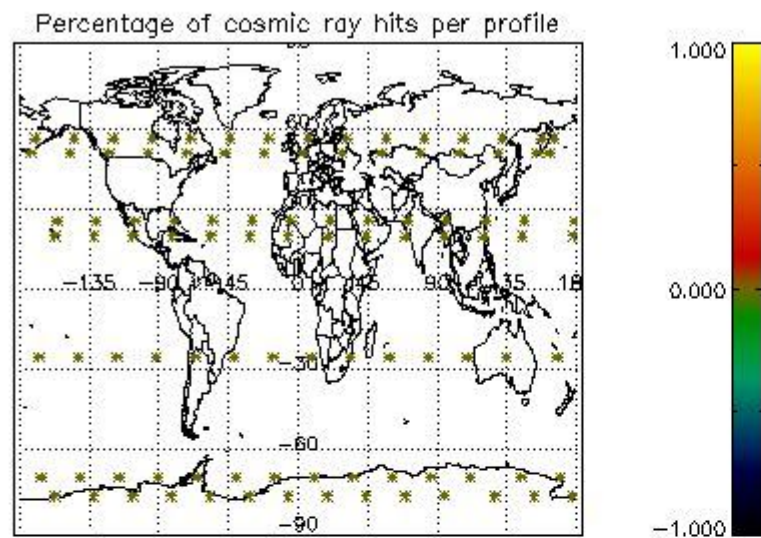


4.2 Plot quality information per product coming from level 1b processing (world map)

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

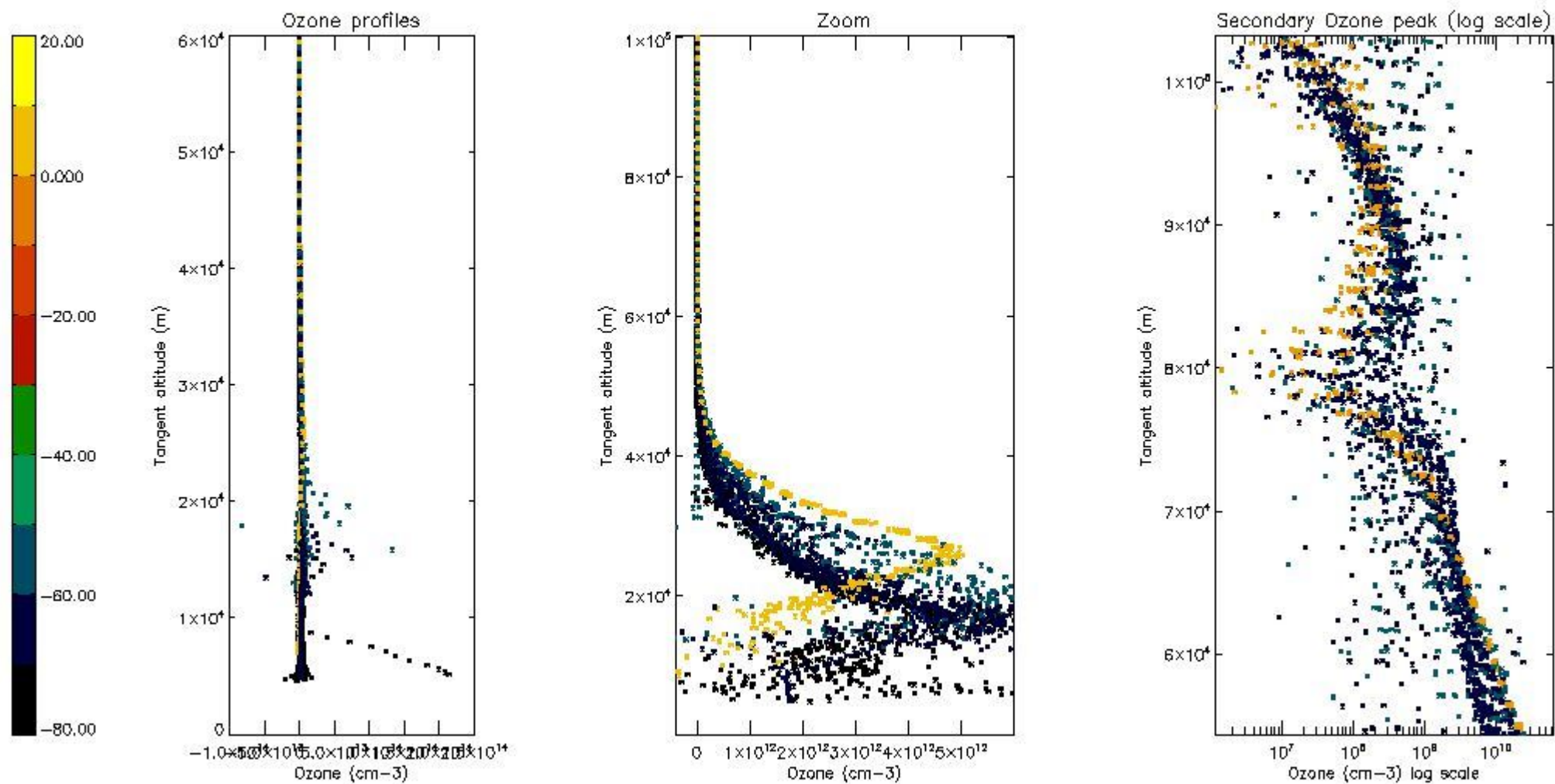
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	43
STD < 20	25

STD < 10	20
STD < 5	15

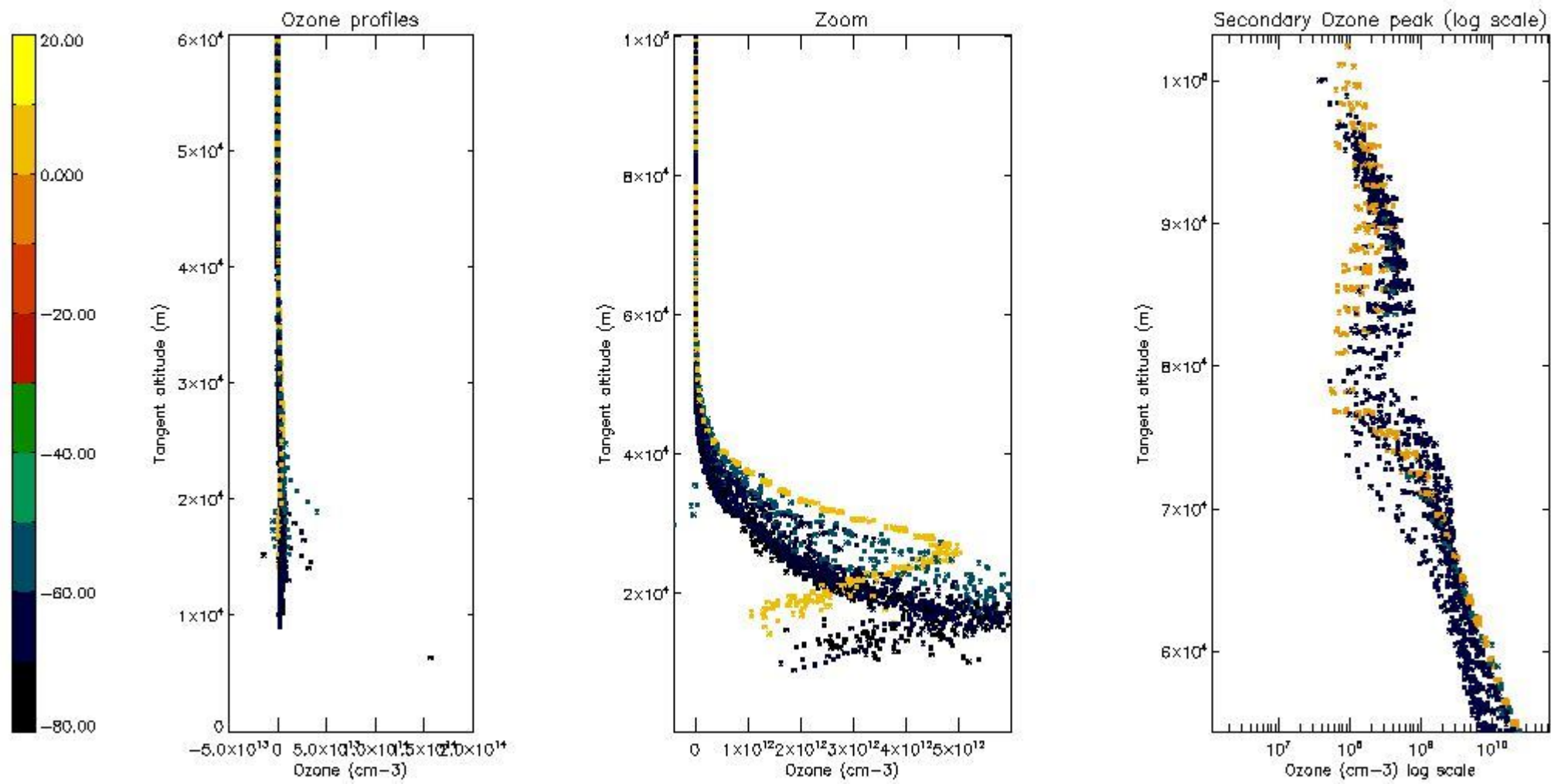
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



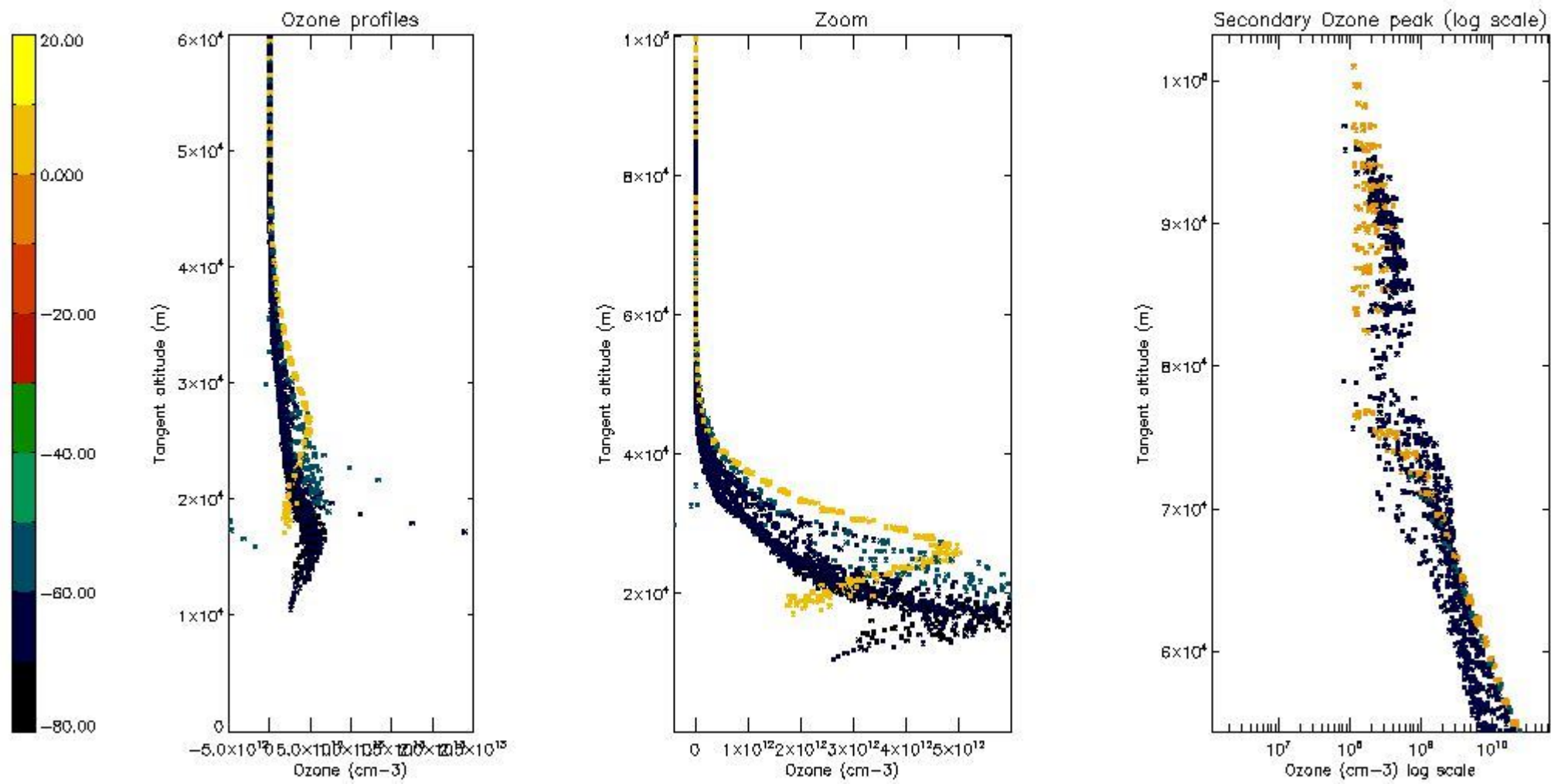
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



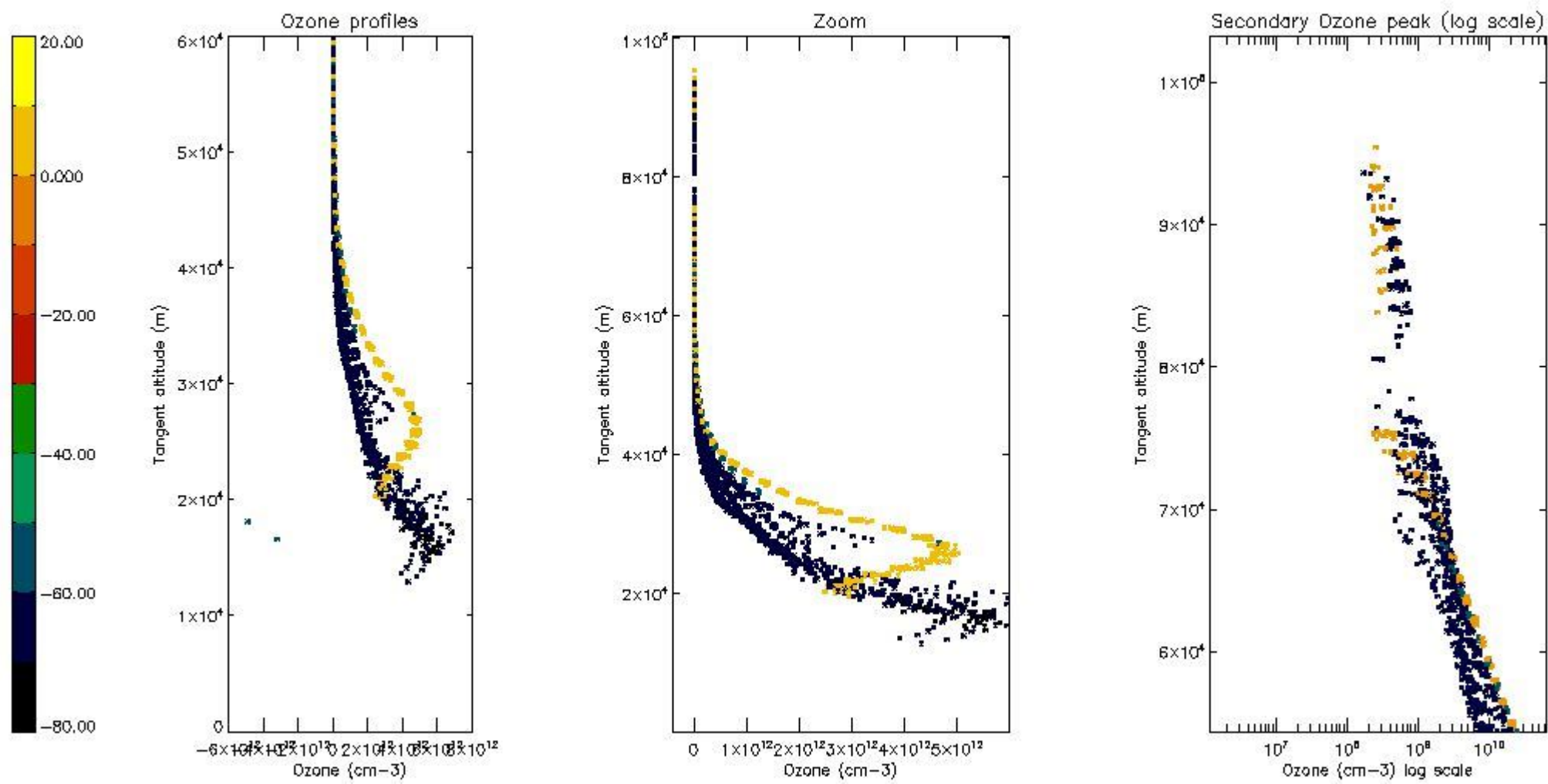
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



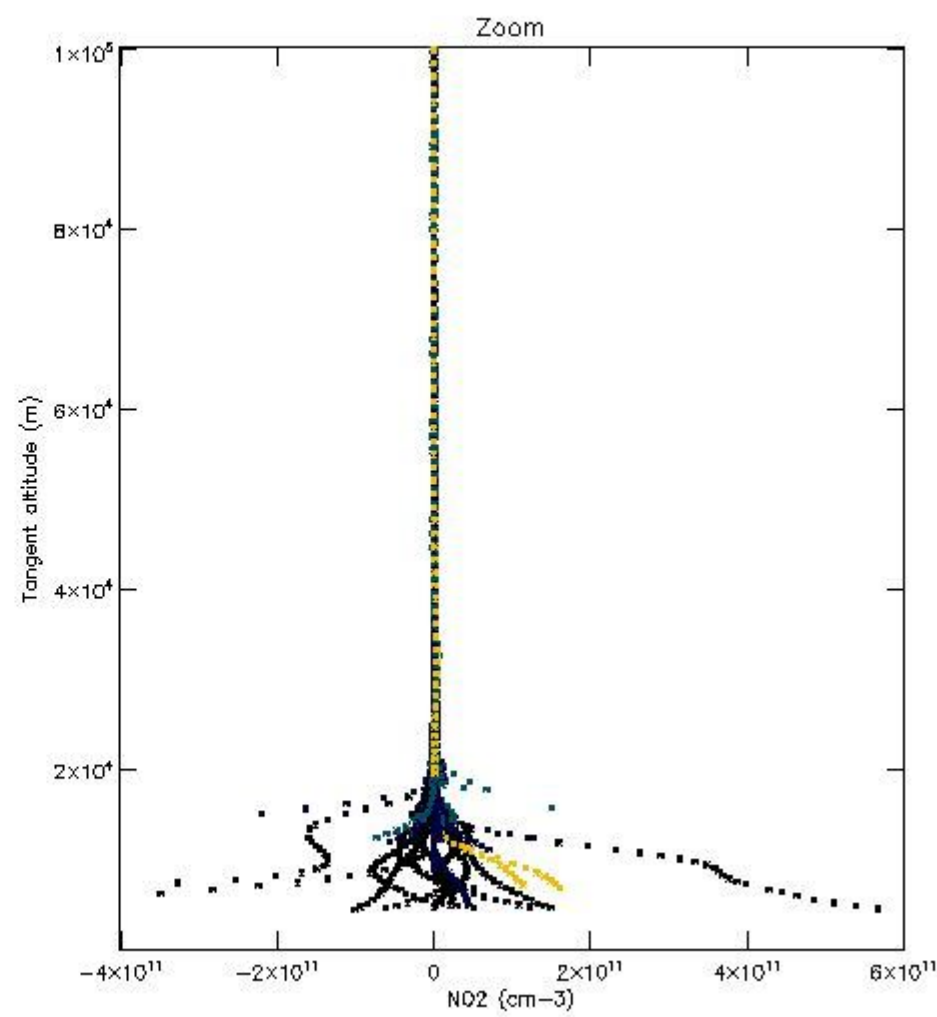
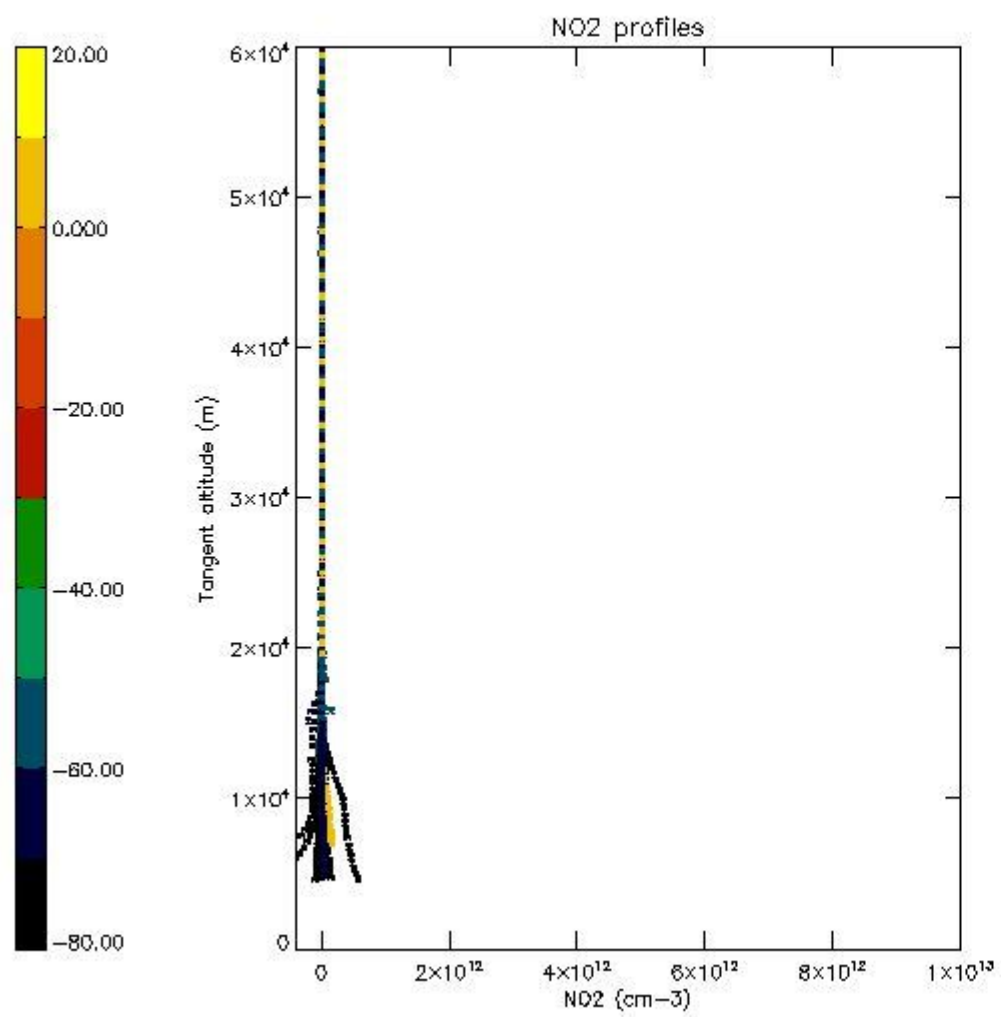
5.5 Plot ozone profiles where $STD < 5\%$ (dark without errors)

The colorbar represents the latitude.



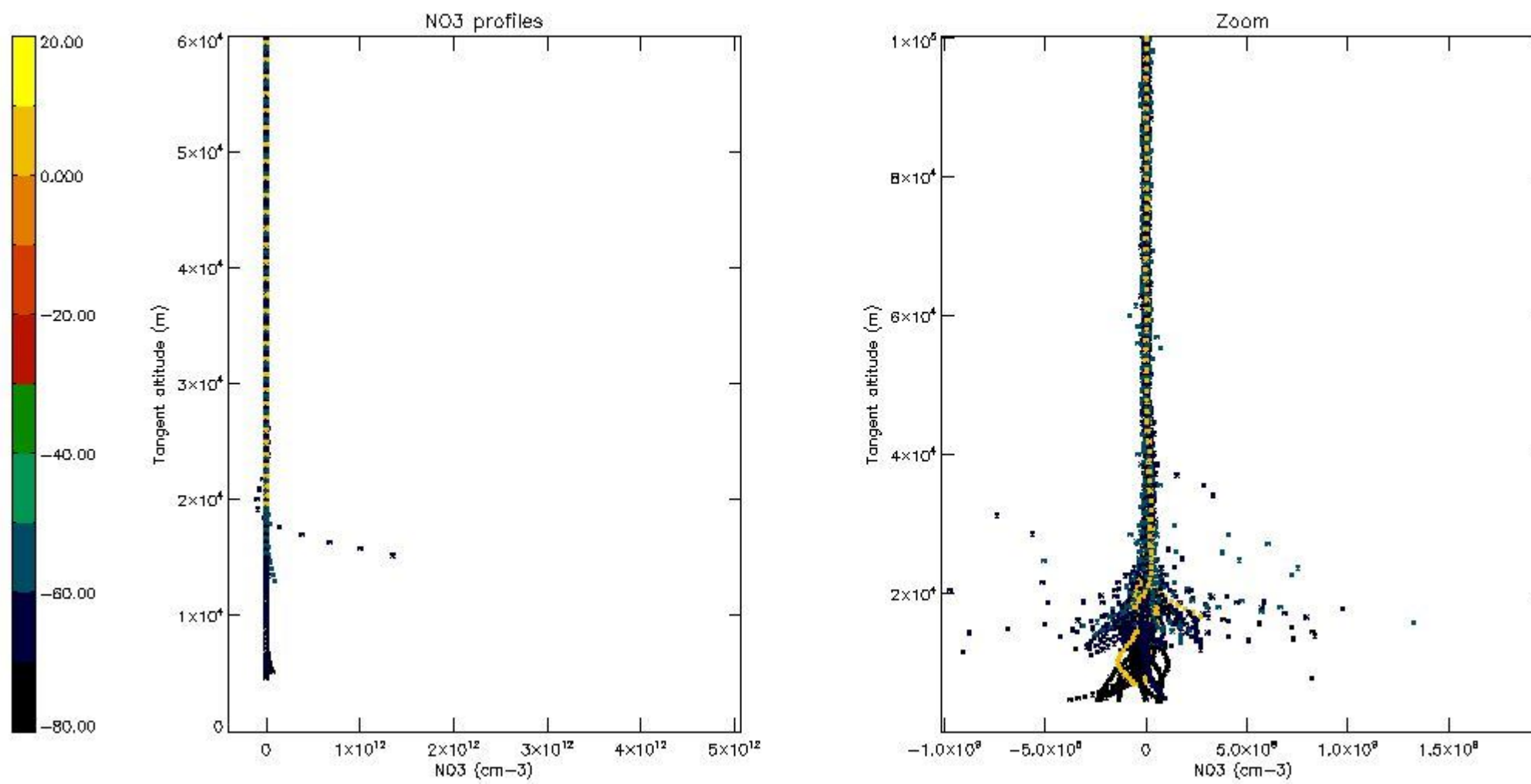
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



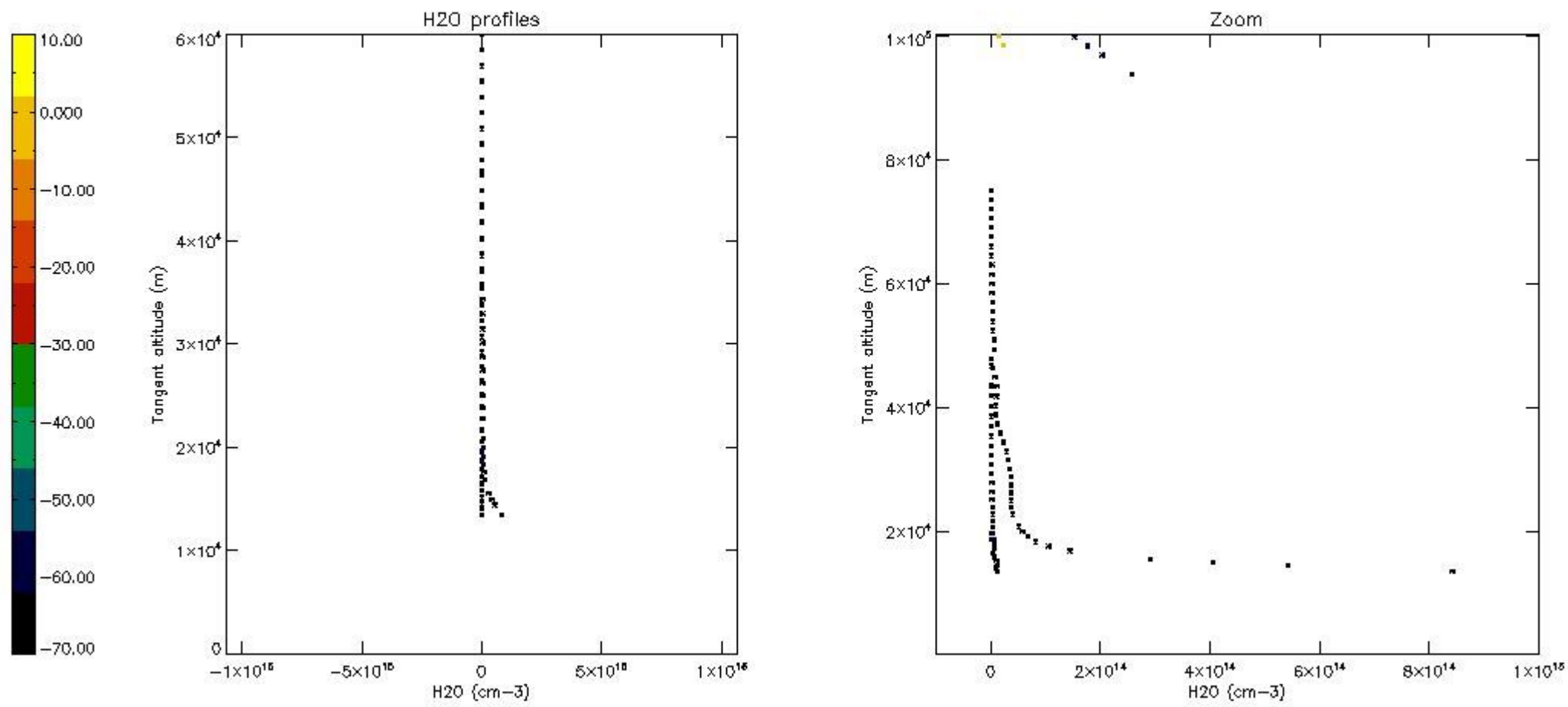
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

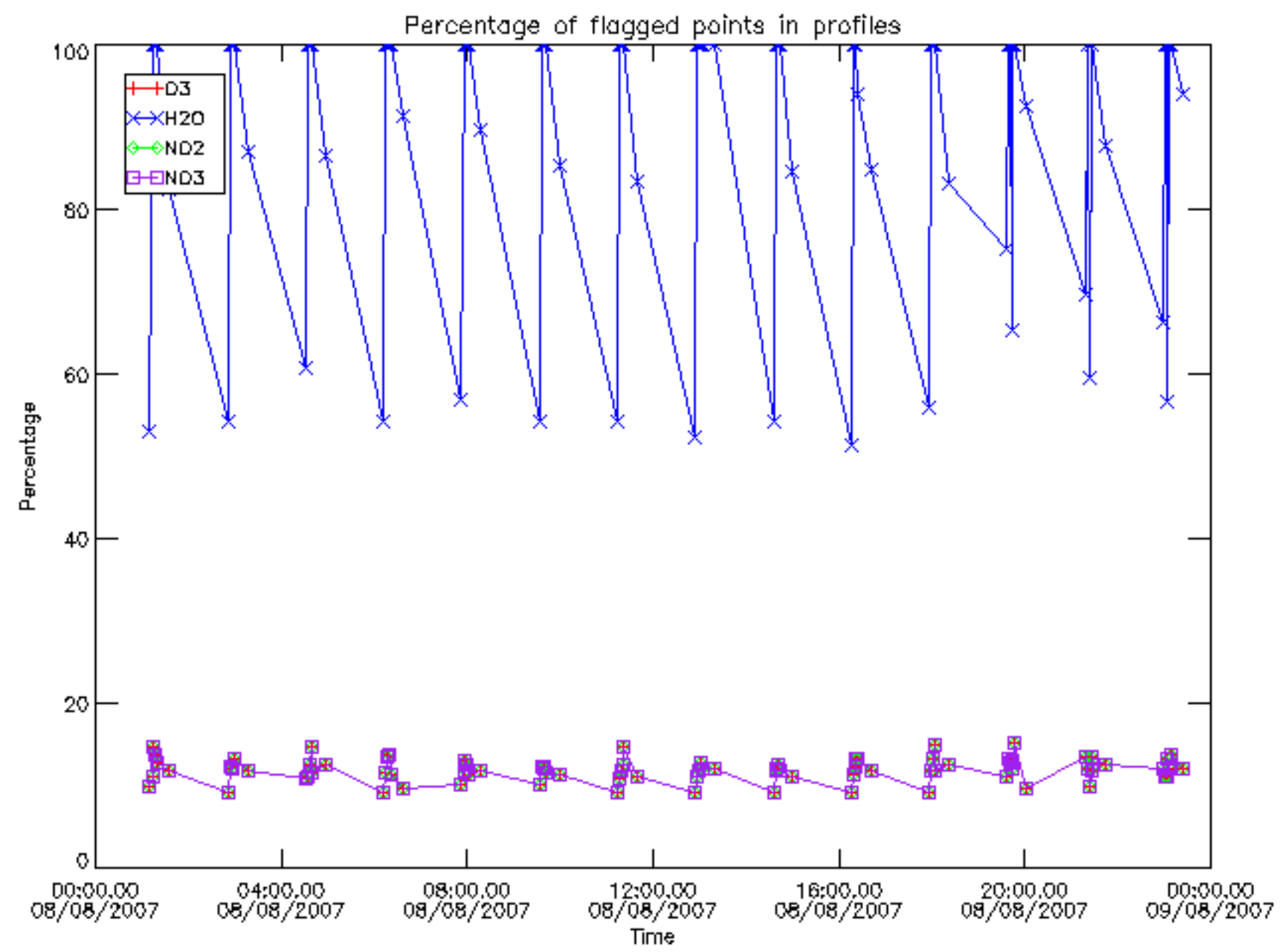
The colorbar represents the latitude.



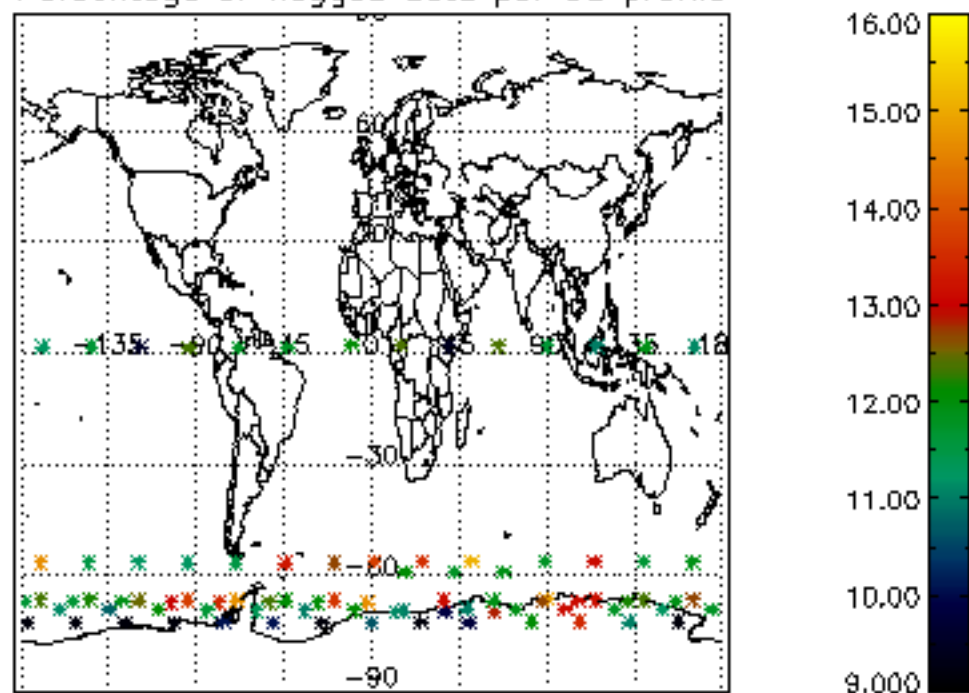
6. Auxiliary Data Files used for the production reported in section 2

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

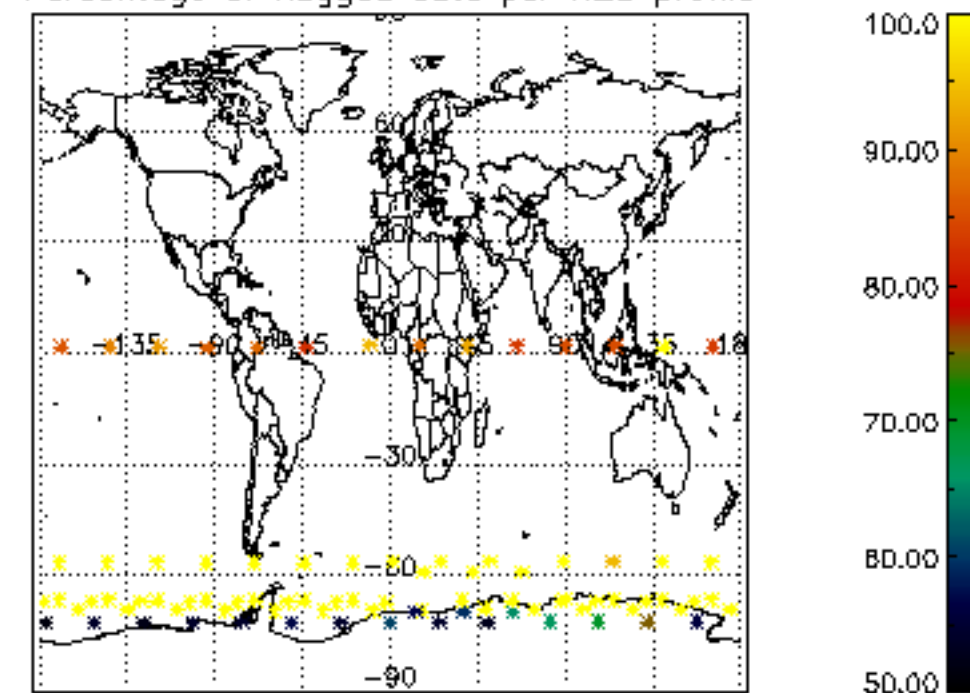
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	08-AUG-2007 00:01:27
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	08-AUG-2007 00:01:27
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	08-AUG-2007 00:01:27



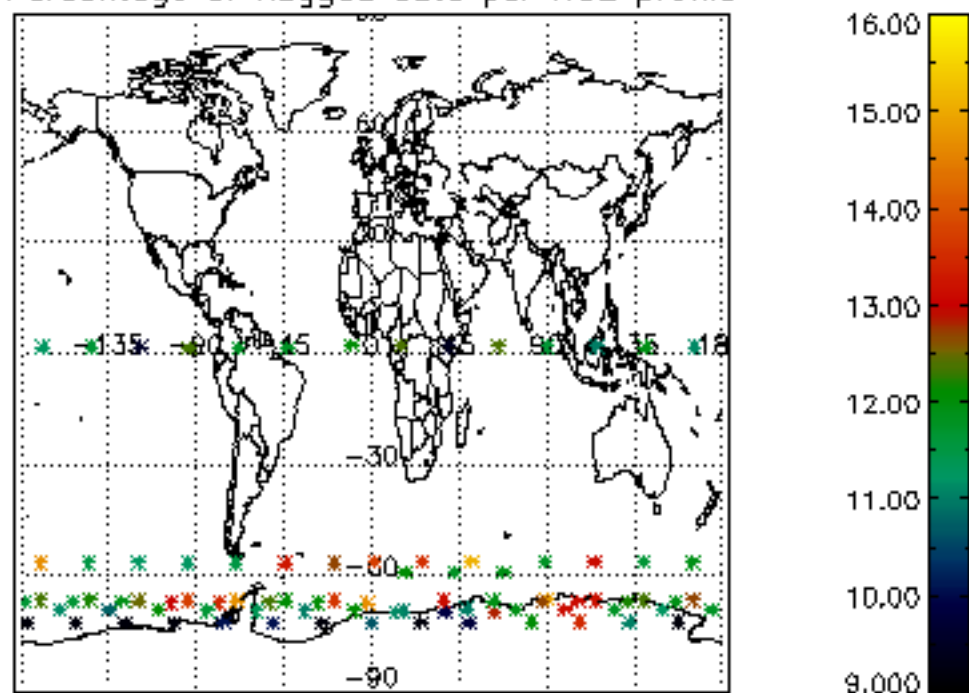
Percentage of flagged data per D3 profile



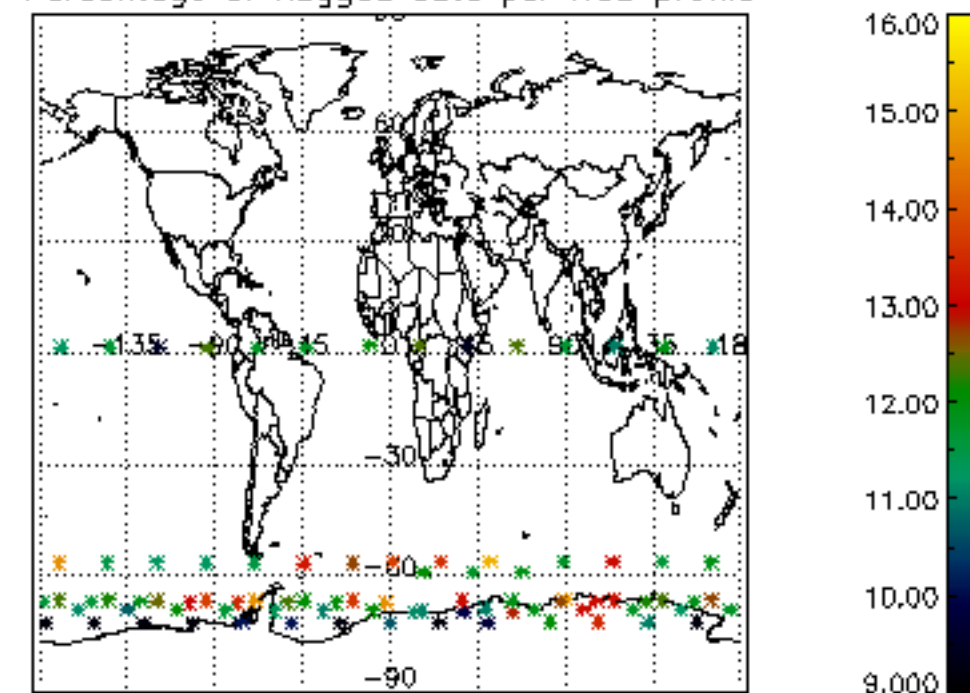
Percentage of flagged data per H2O profile

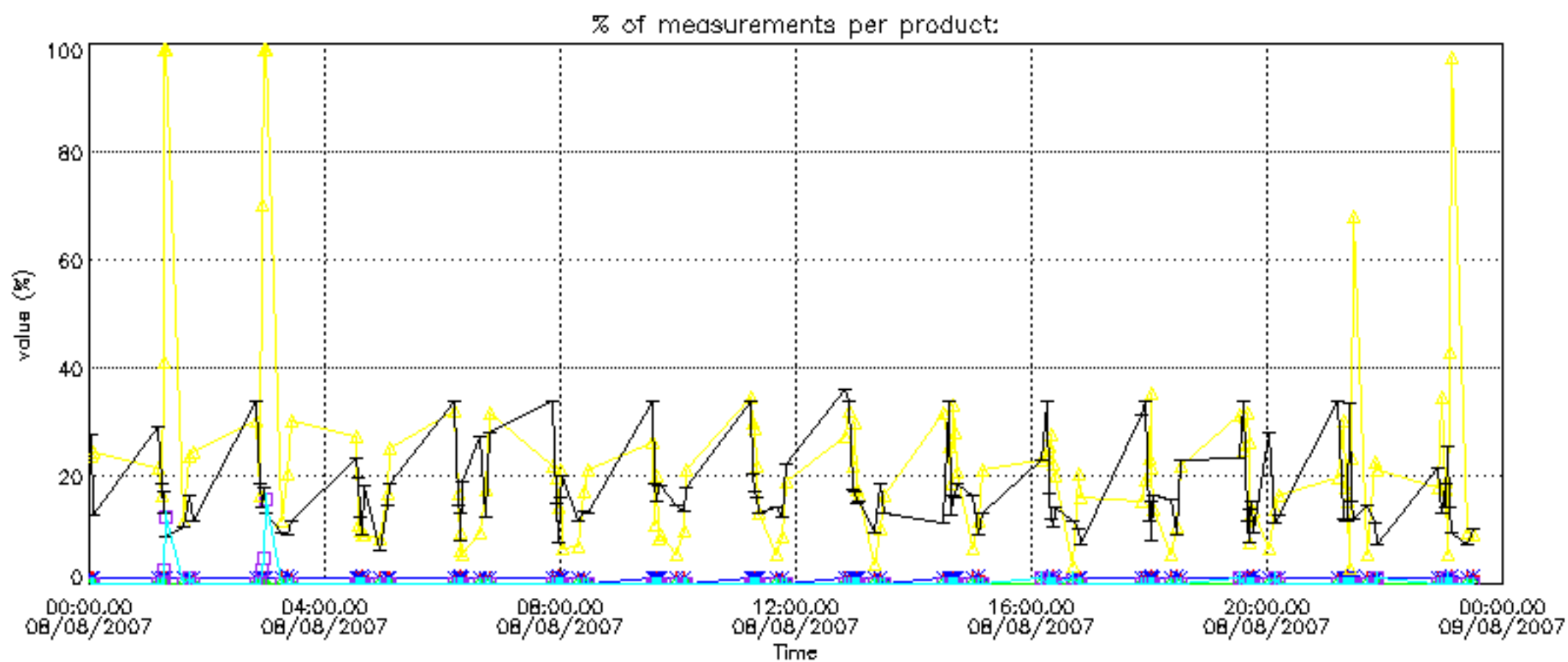


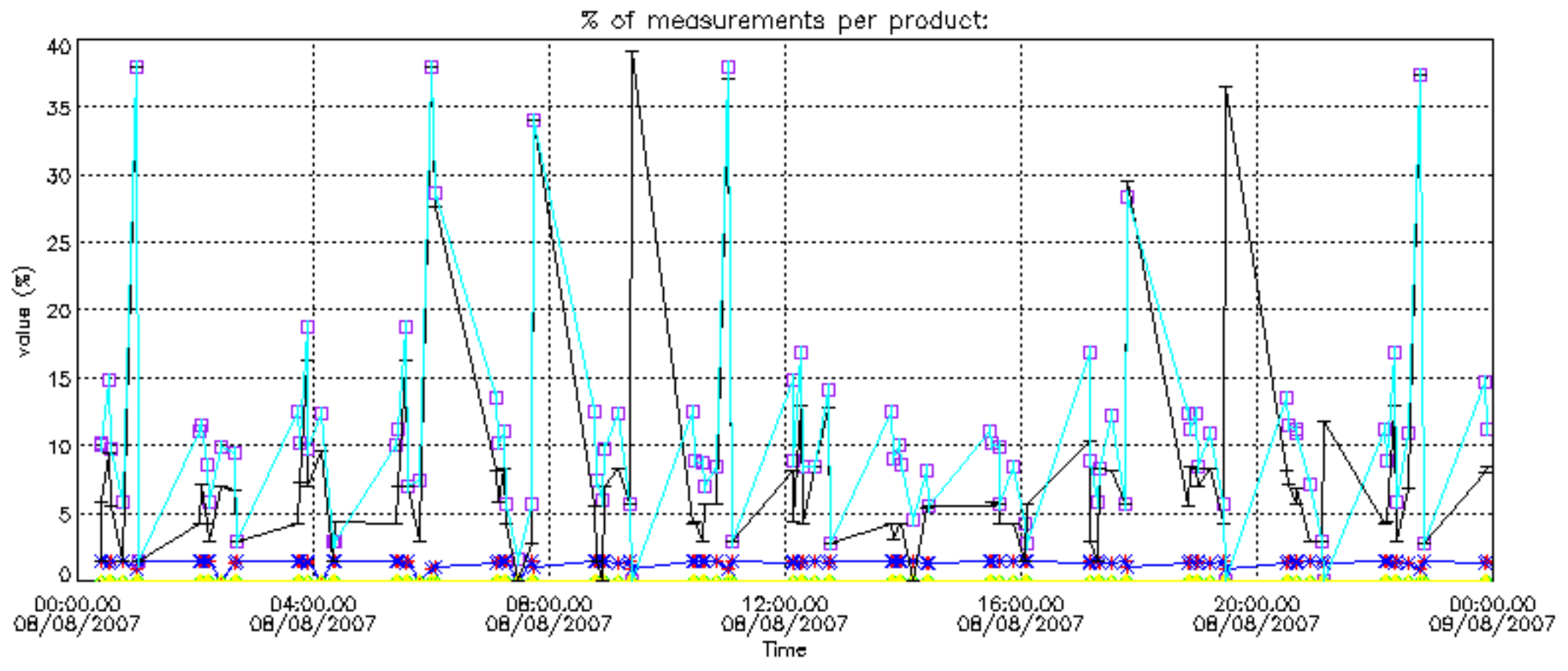
Percentage of flagged data per NO2 profile



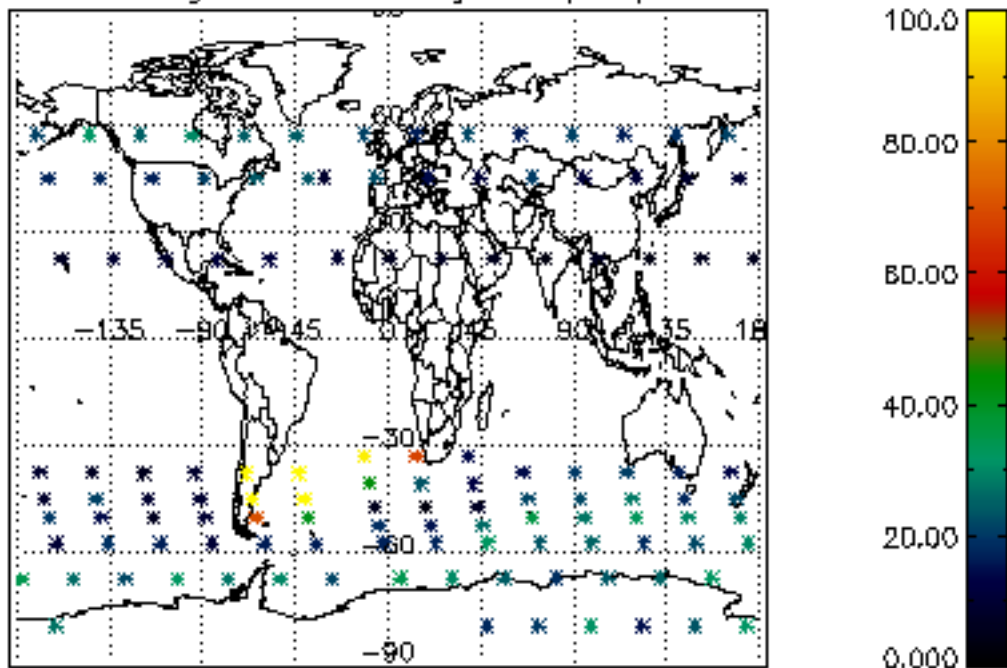
Percentage of flagged data per NO3 profile



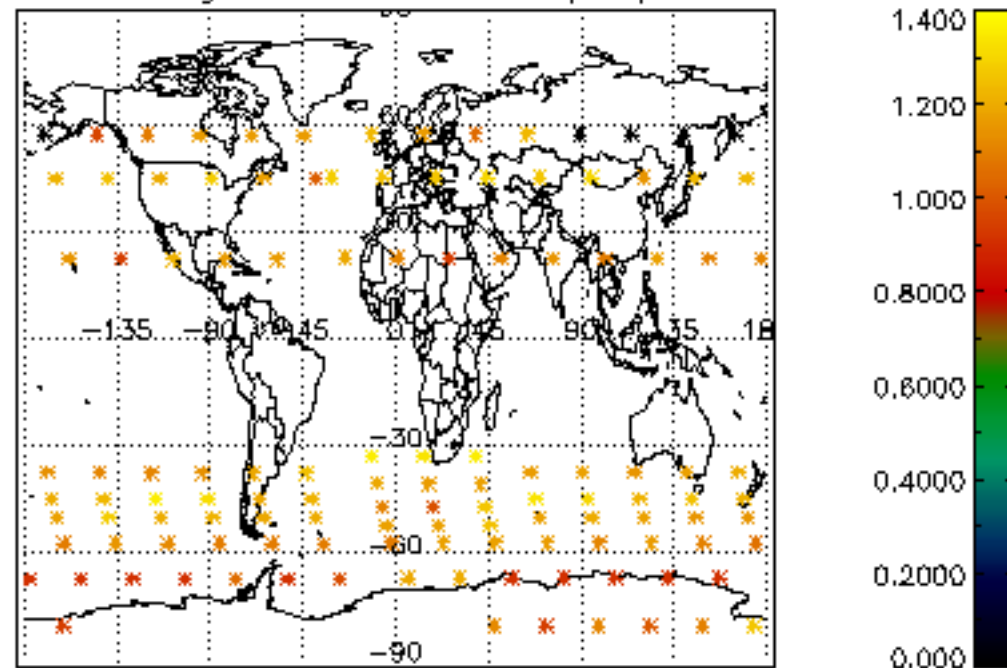




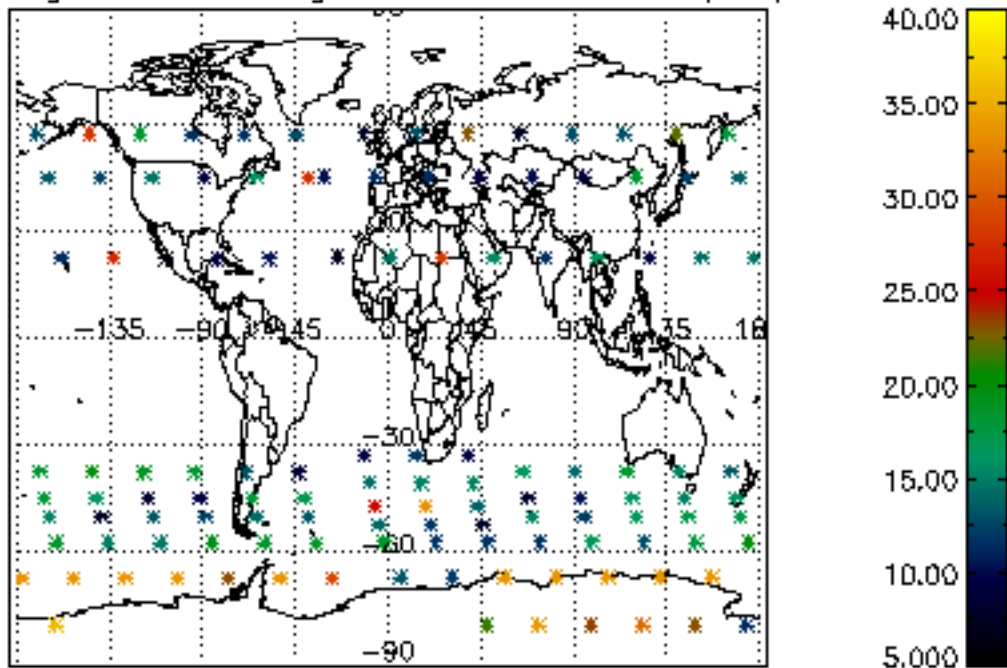
Percentage of cosmic ray hits per profile



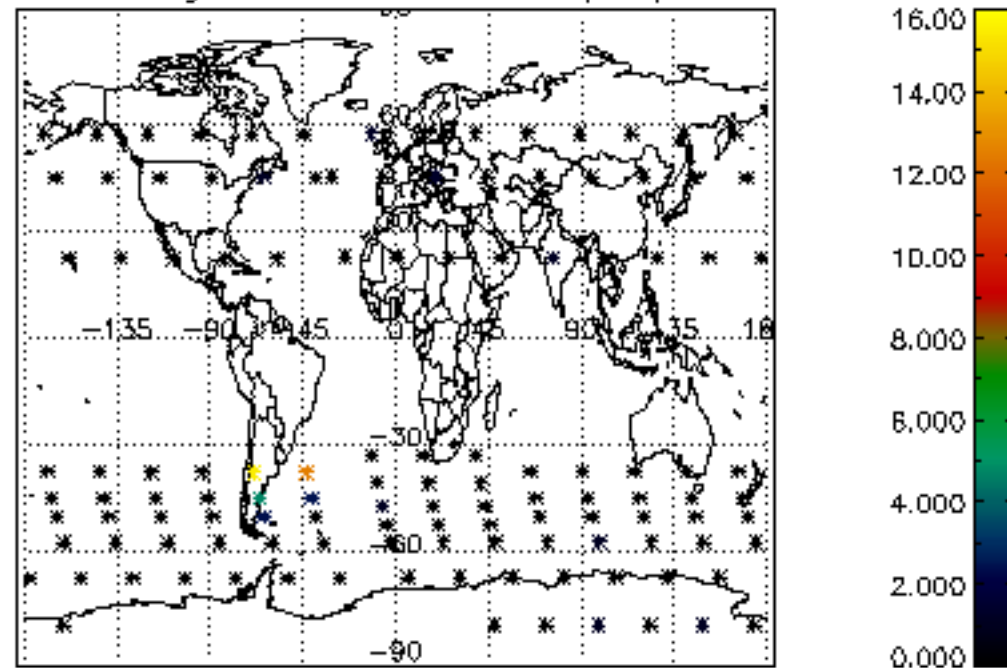
Percentage of datation errors per profile



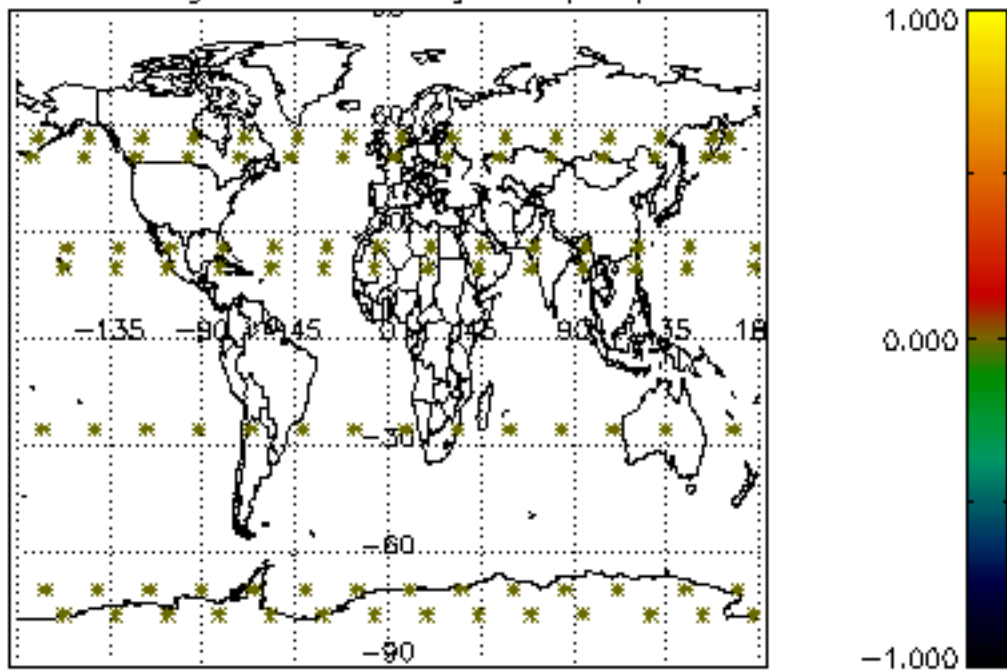
Percentage of star falling outside central band per profile



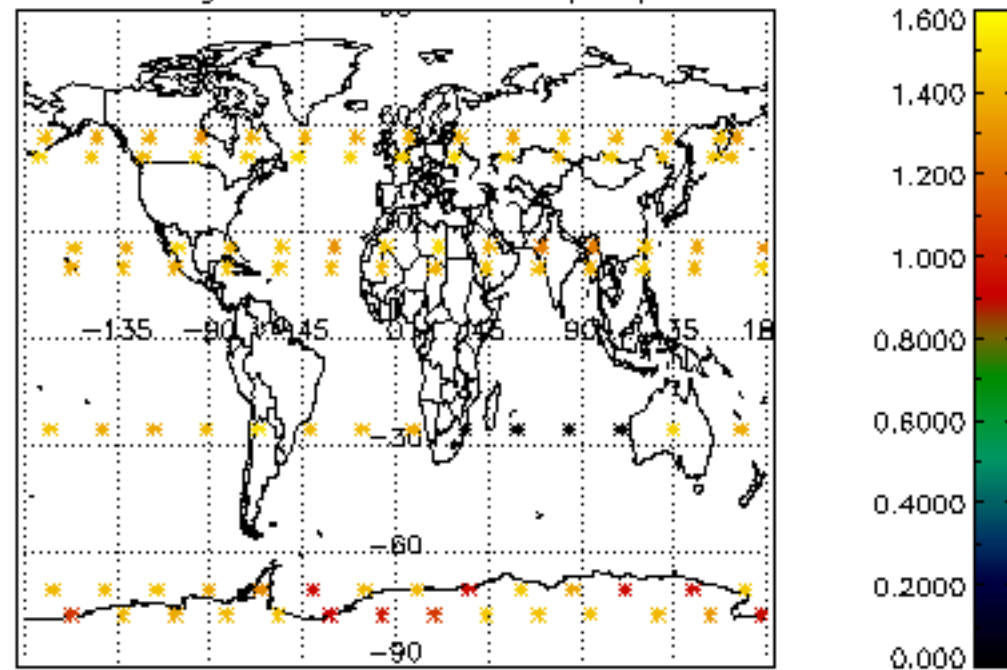
Percentage of saturation errors per profile



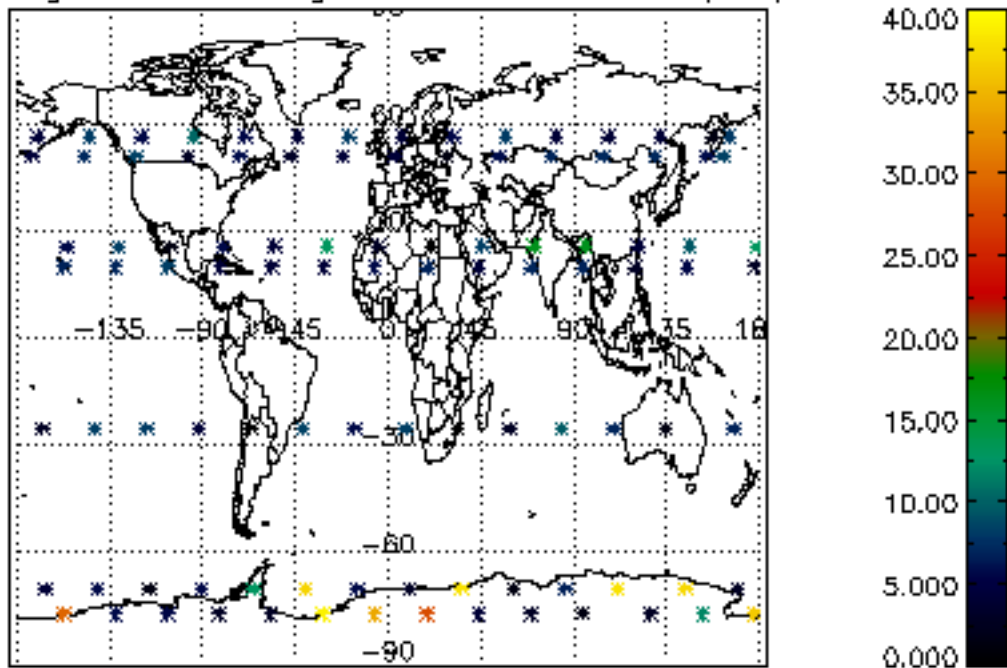
Percentage of cosmic ray hits per profile



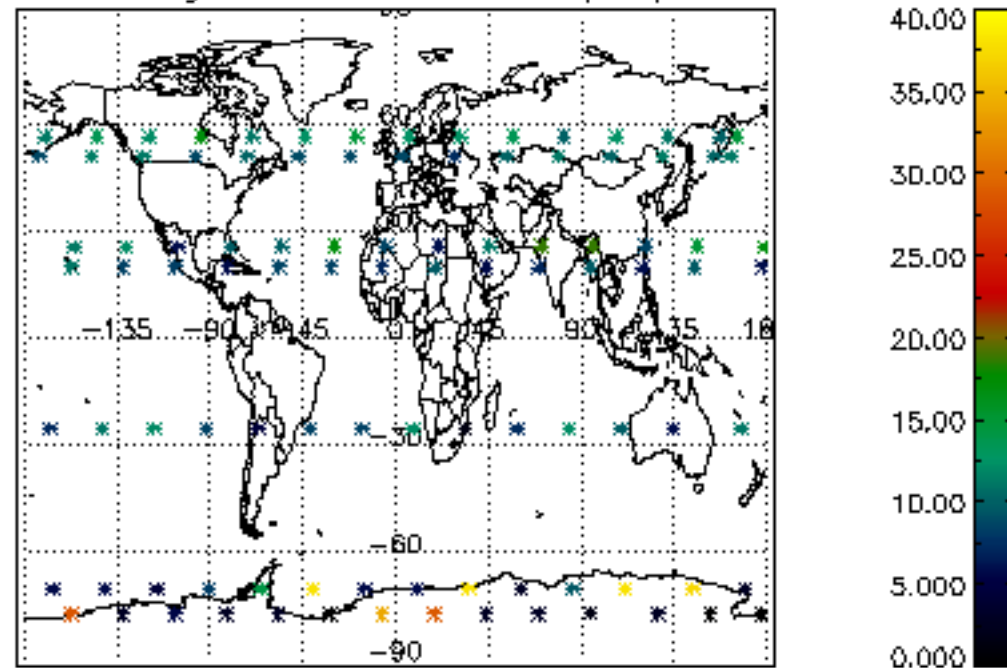
Percentage of datation errors per profile

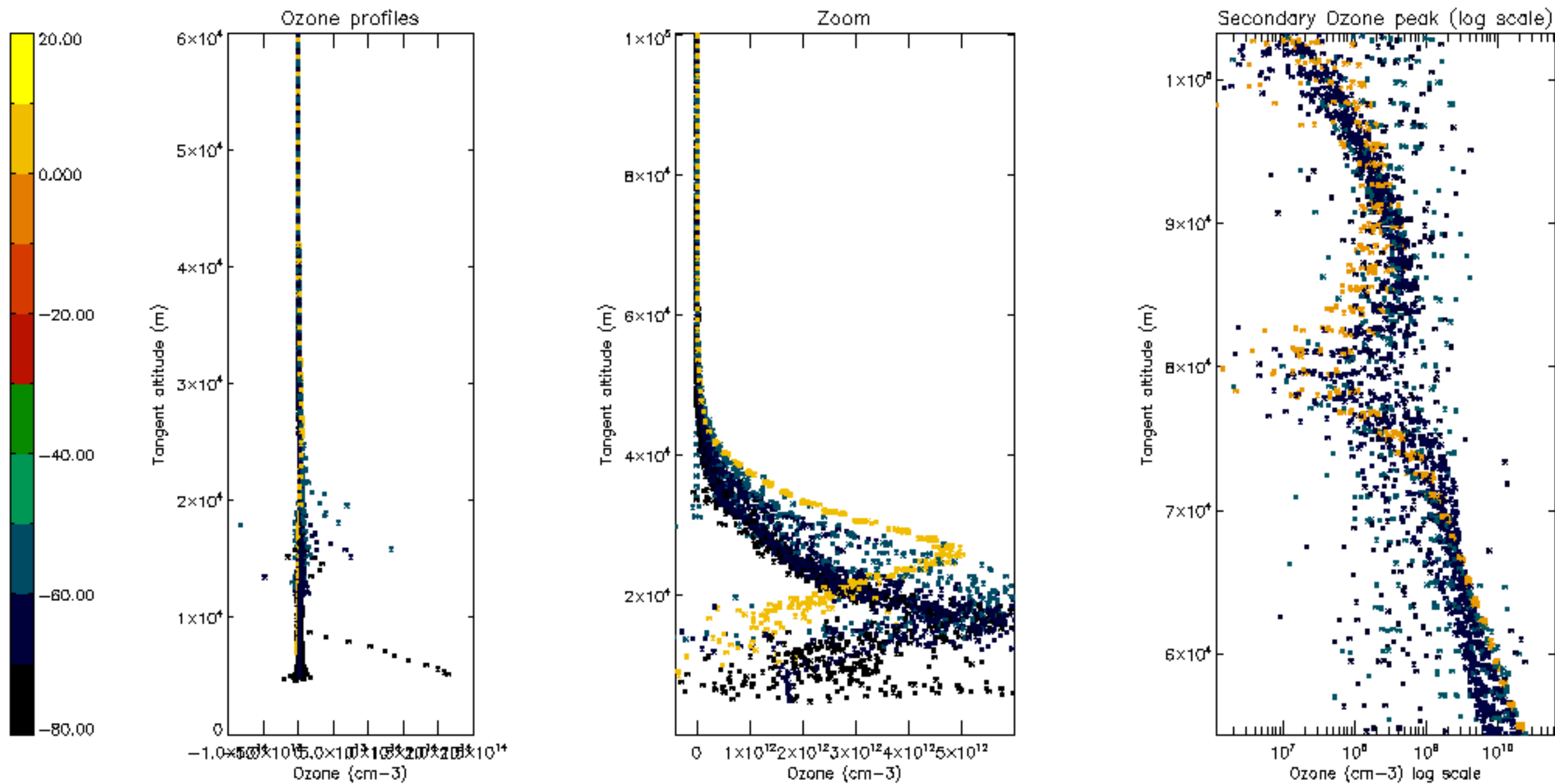


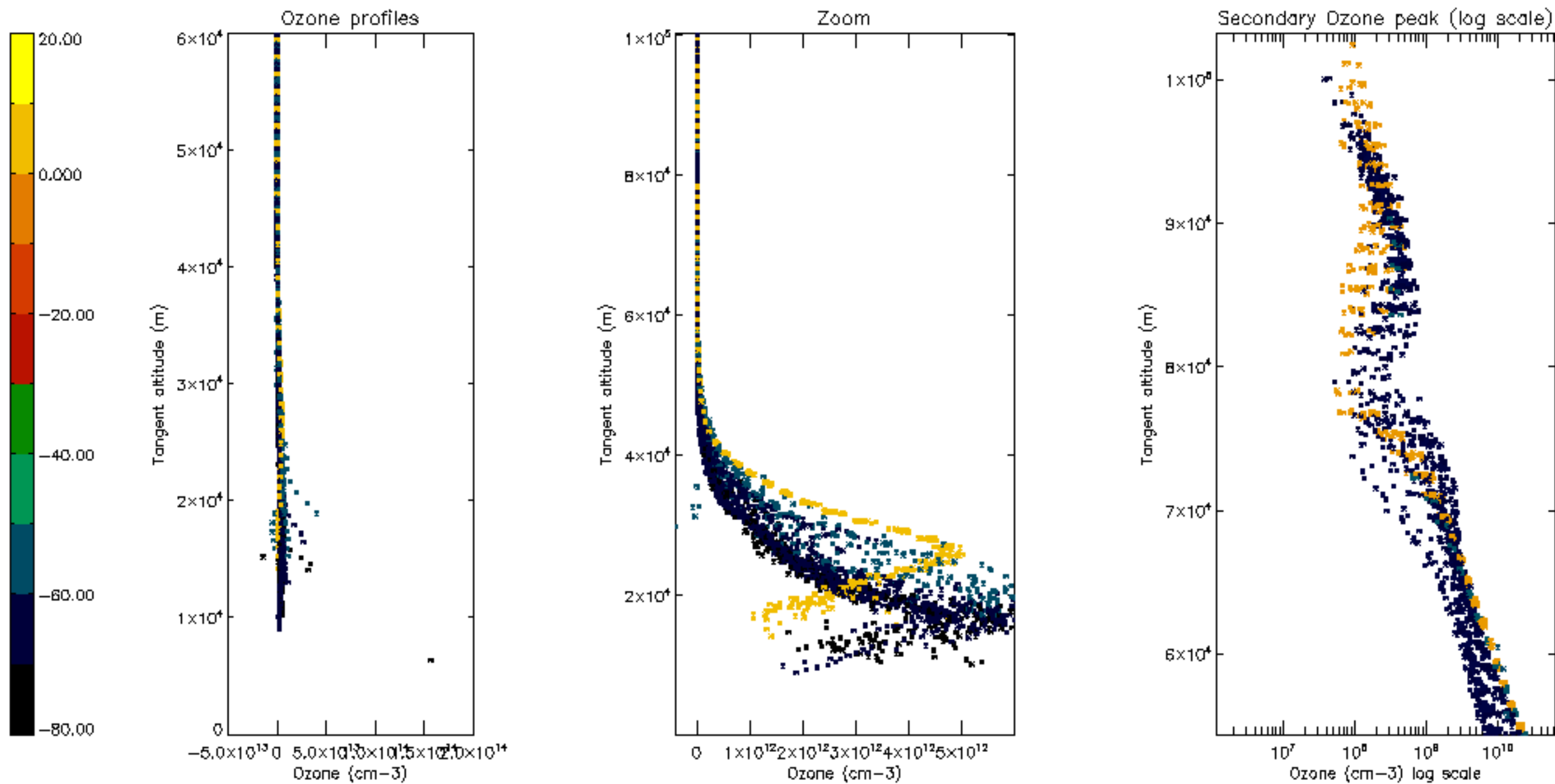
Percentage of star falling outside central band per profile

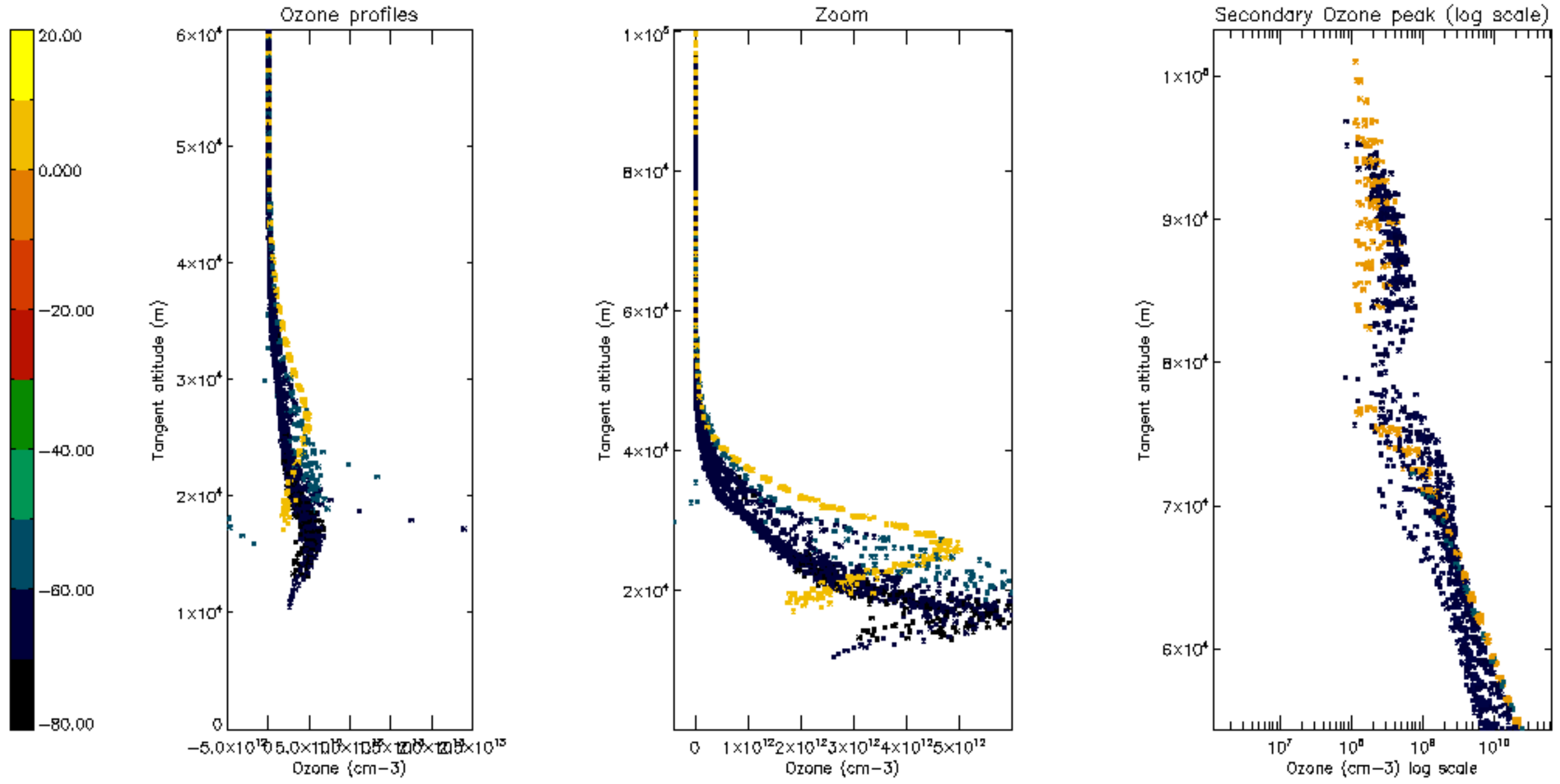


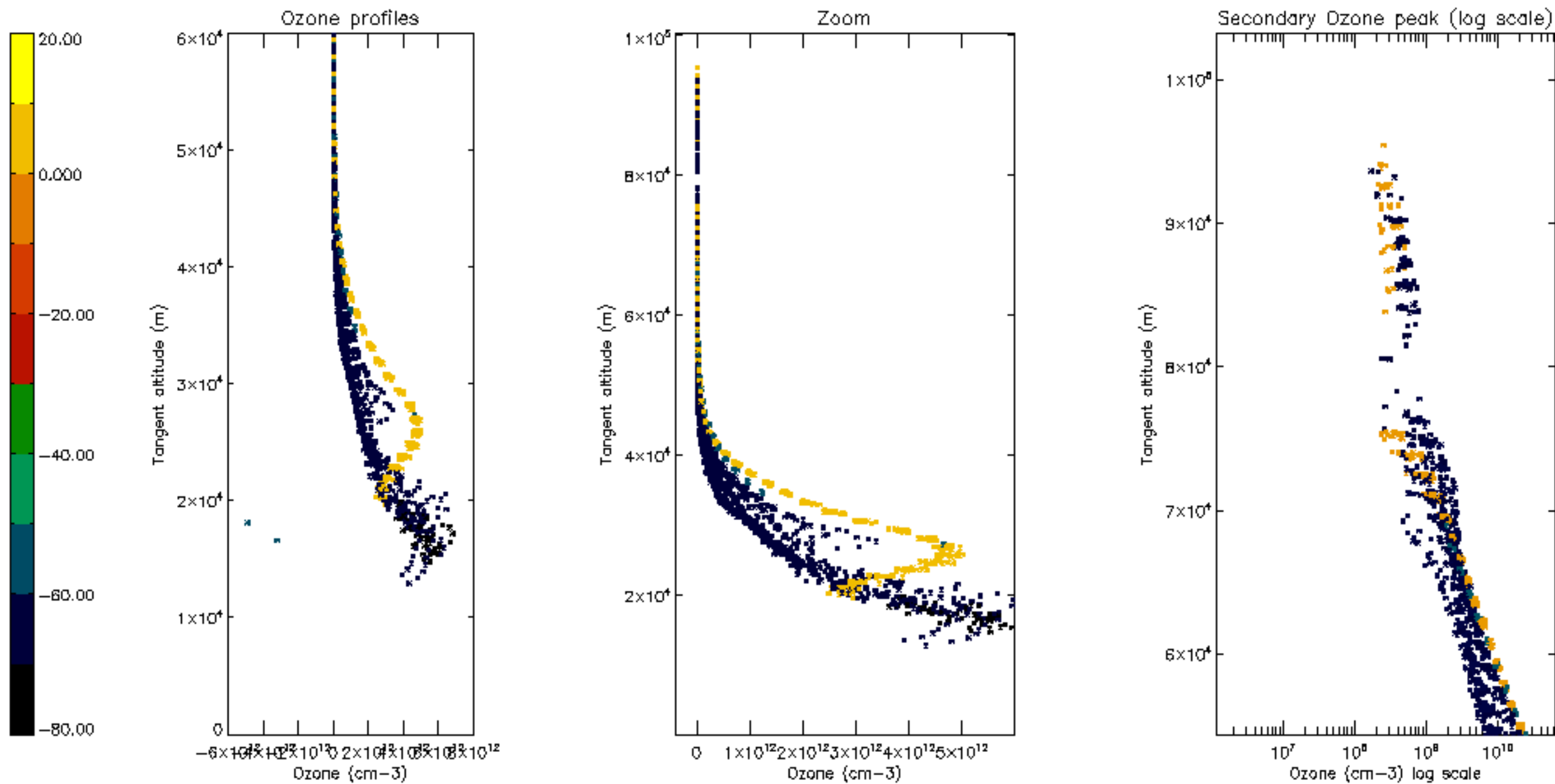
Percentage of saturation errors per profile

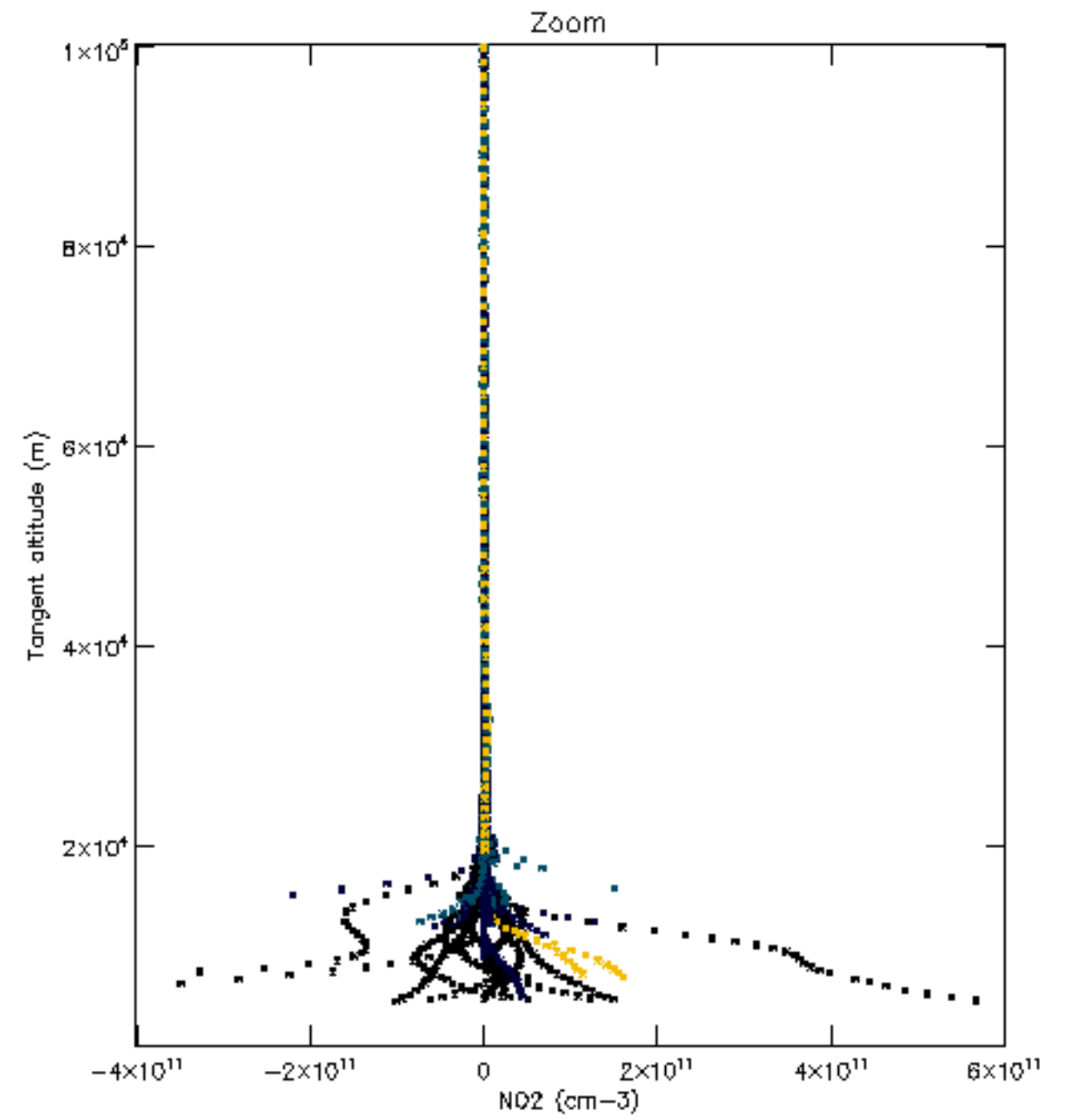
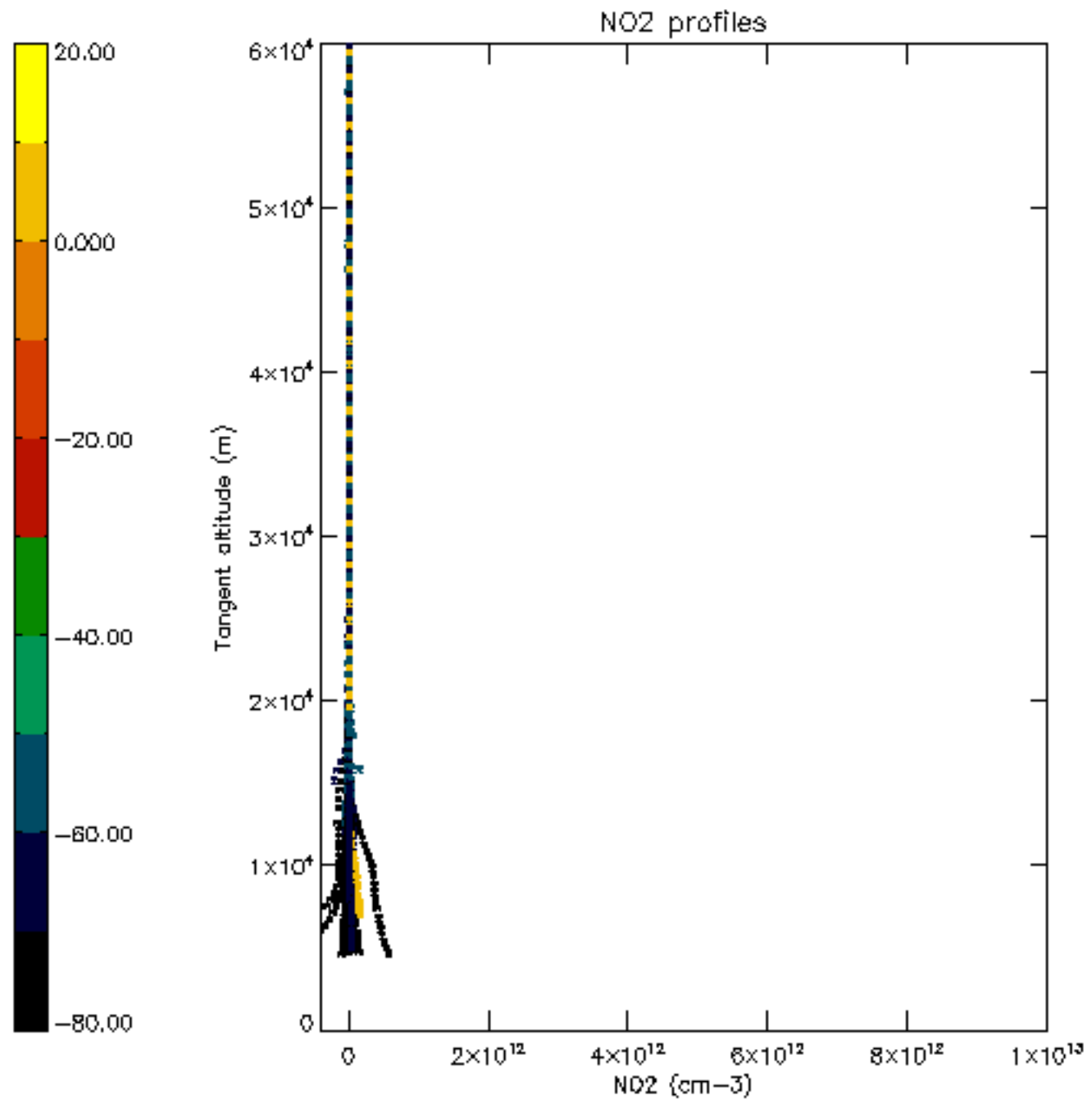


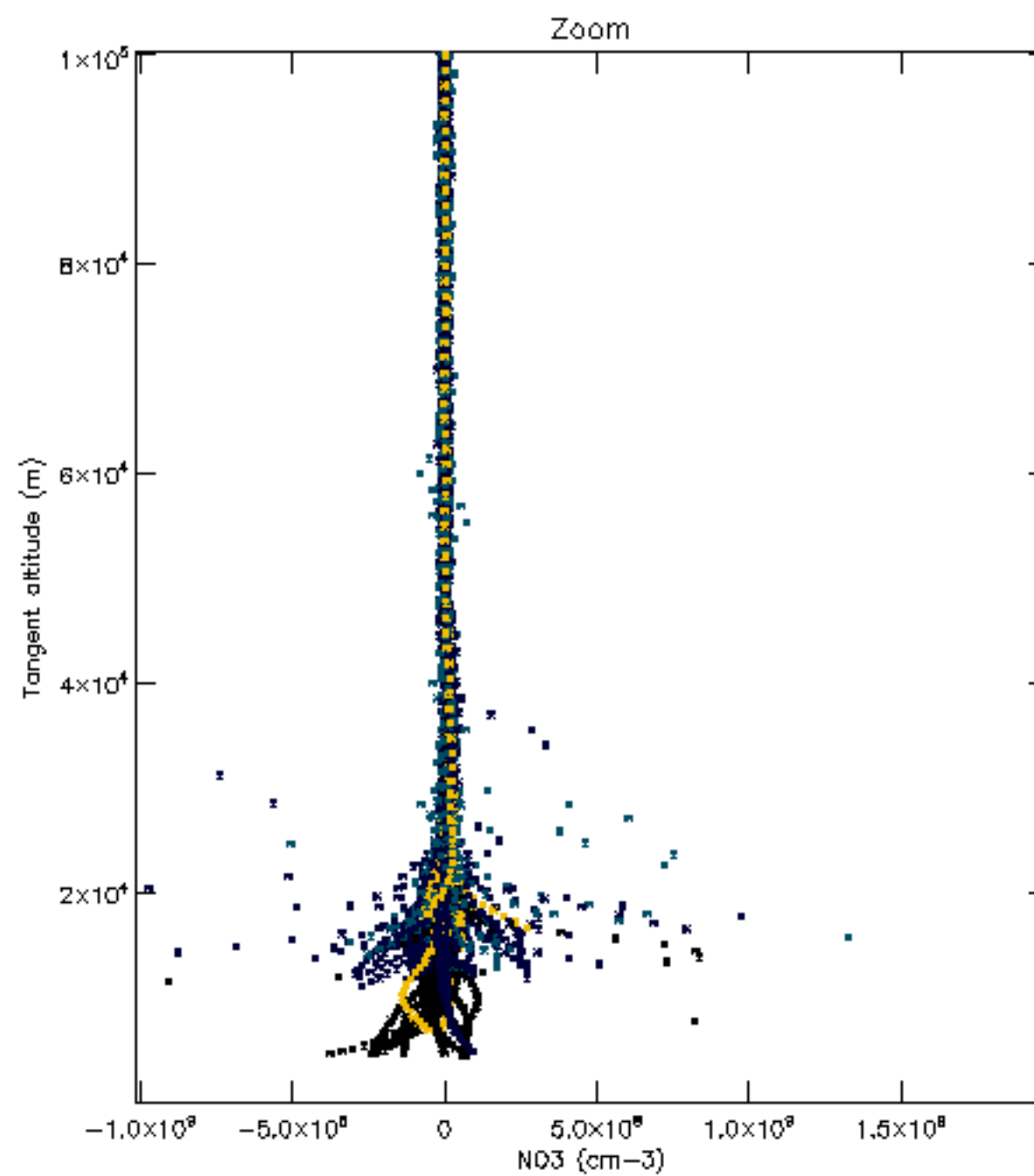
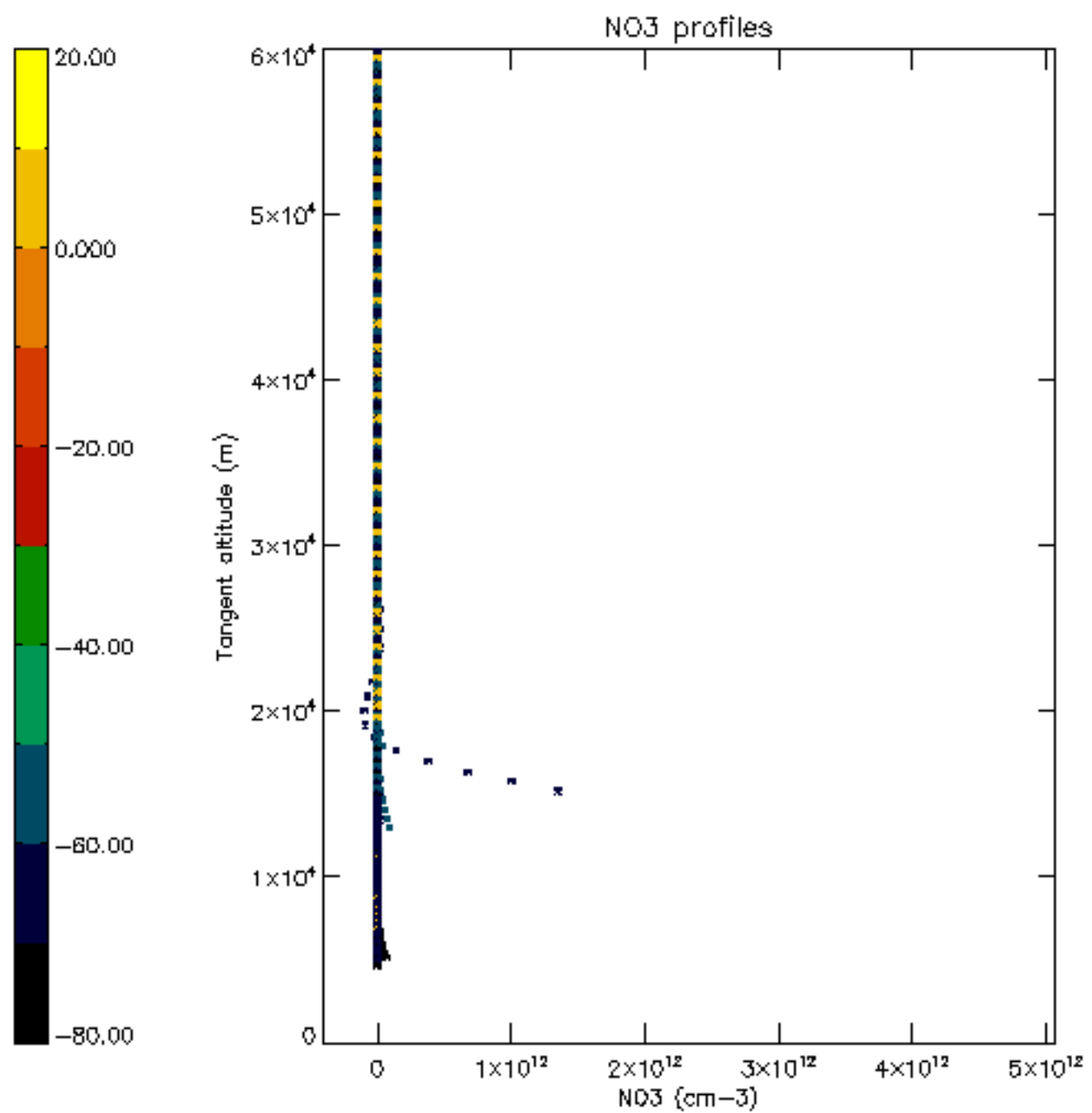


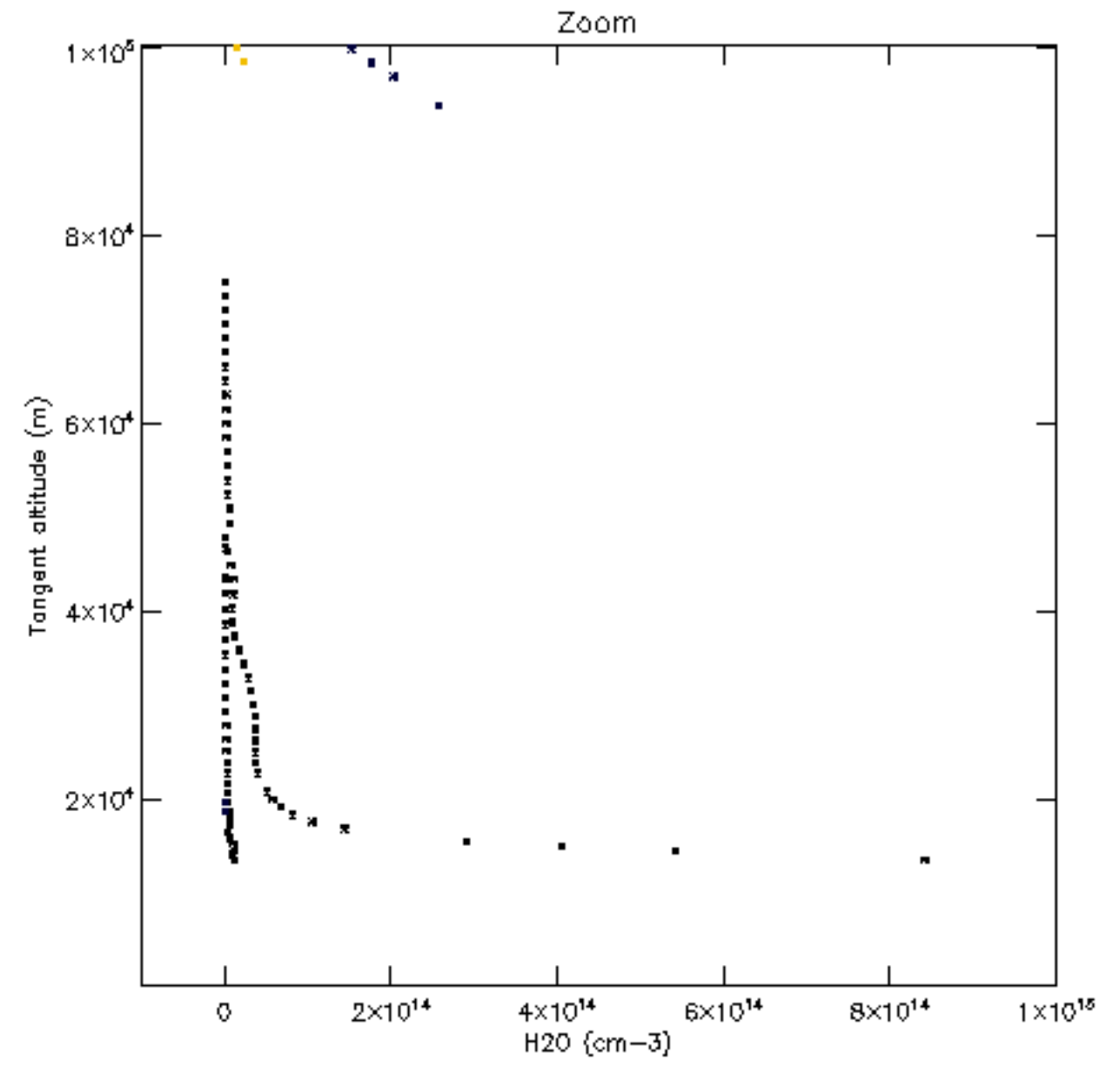
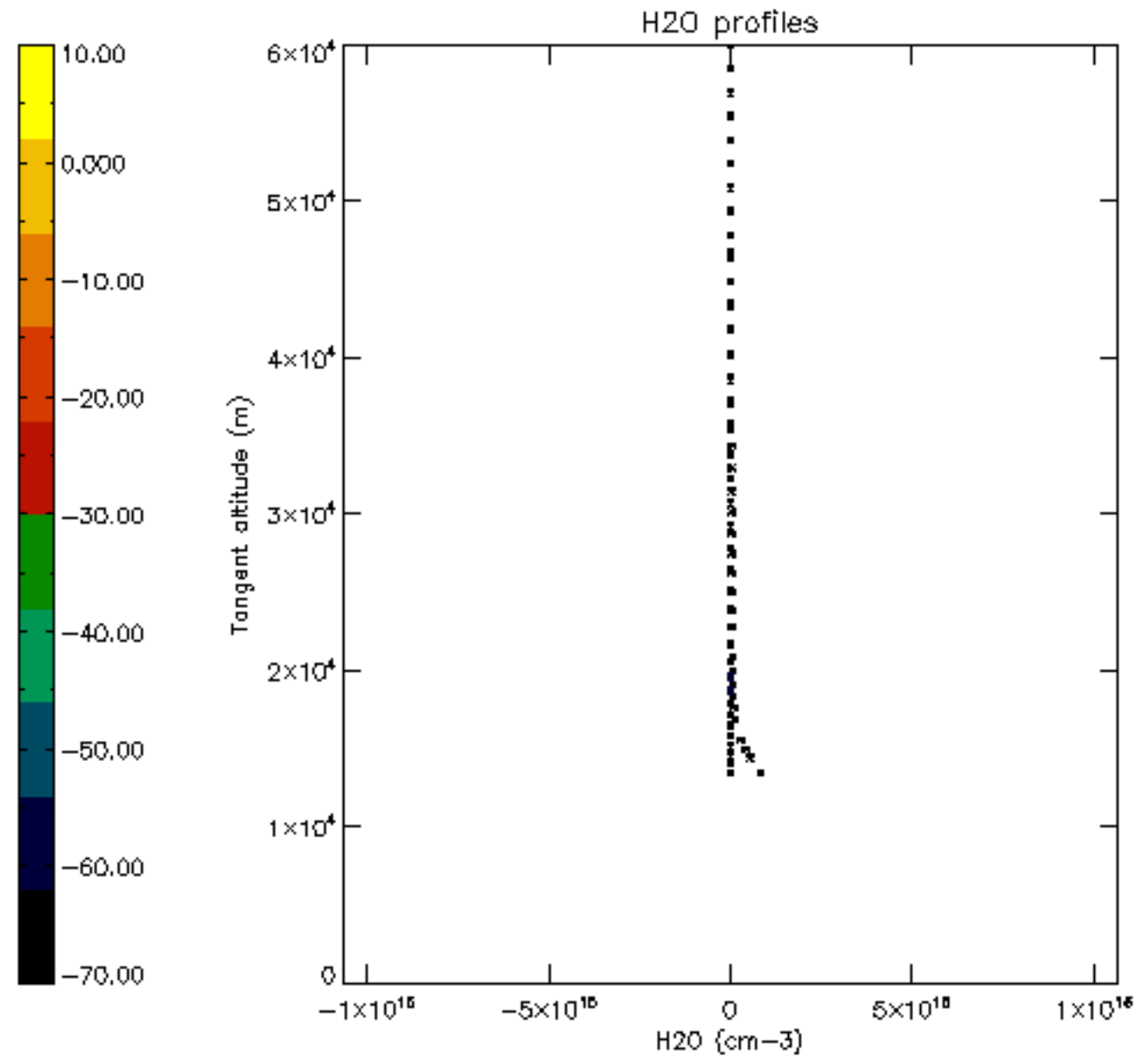


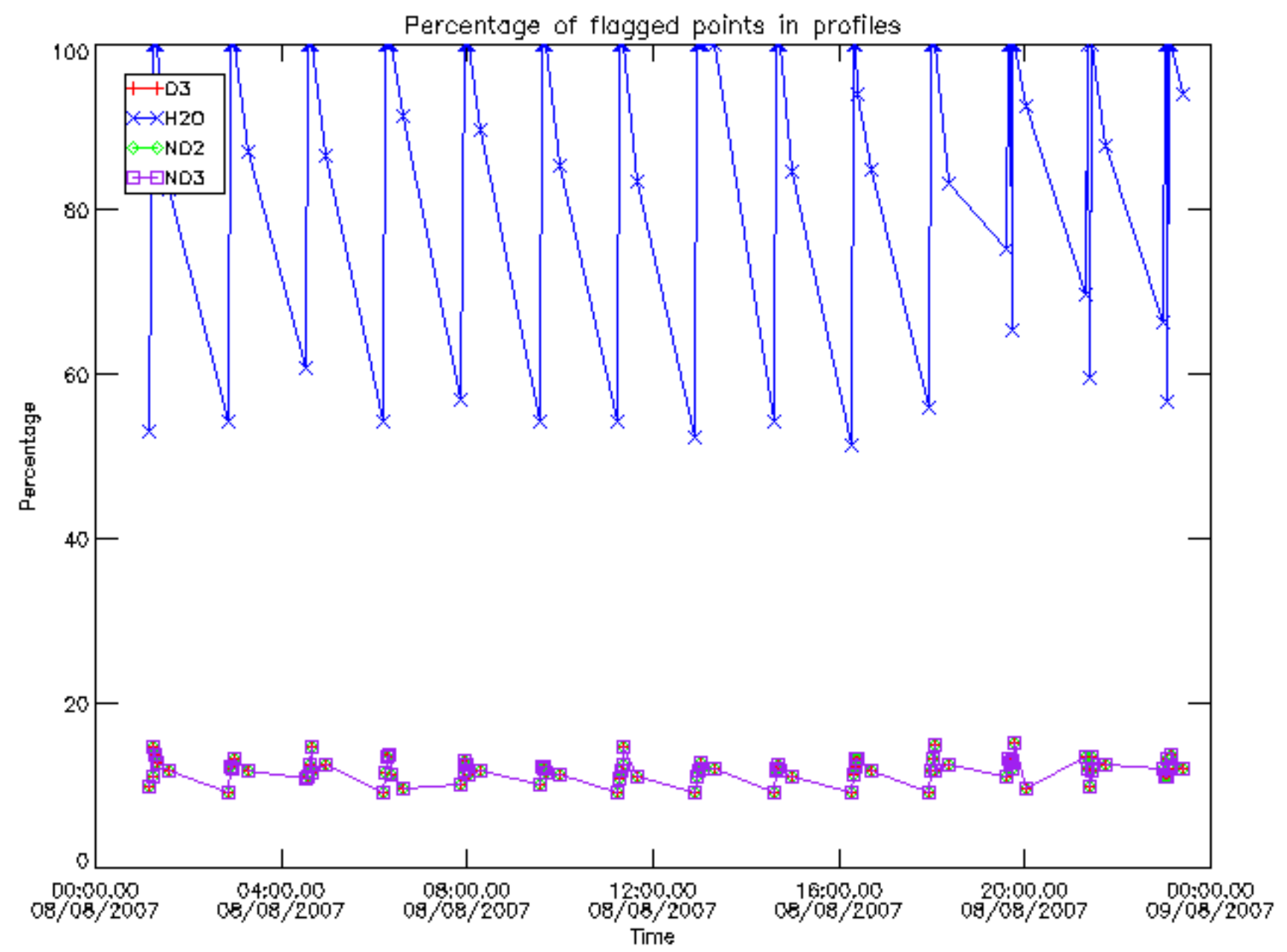




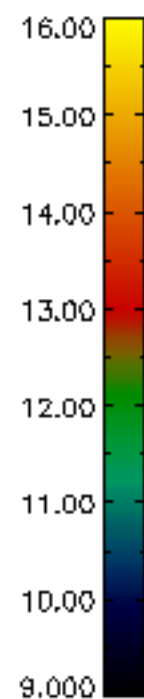
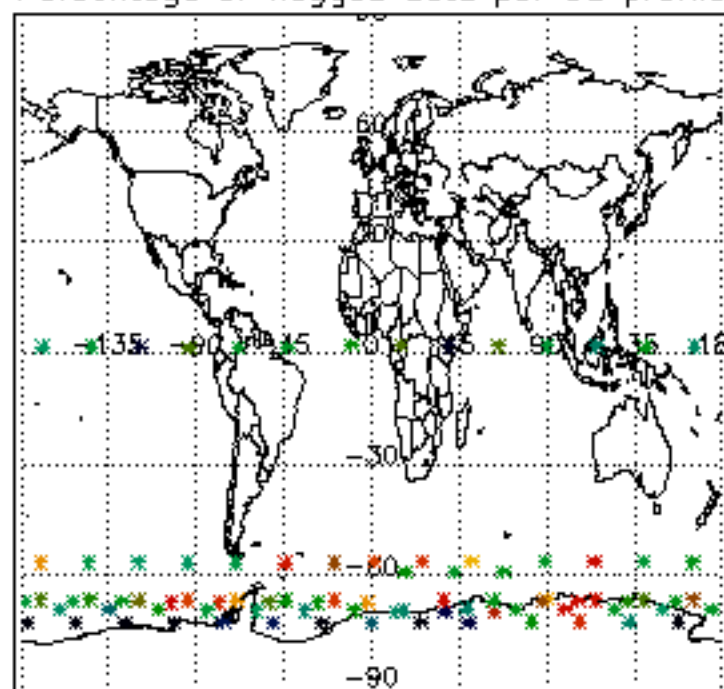




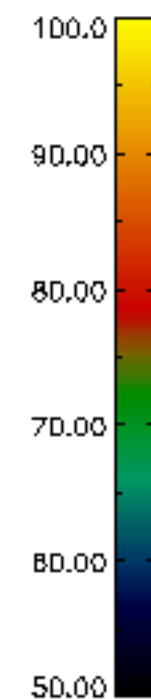
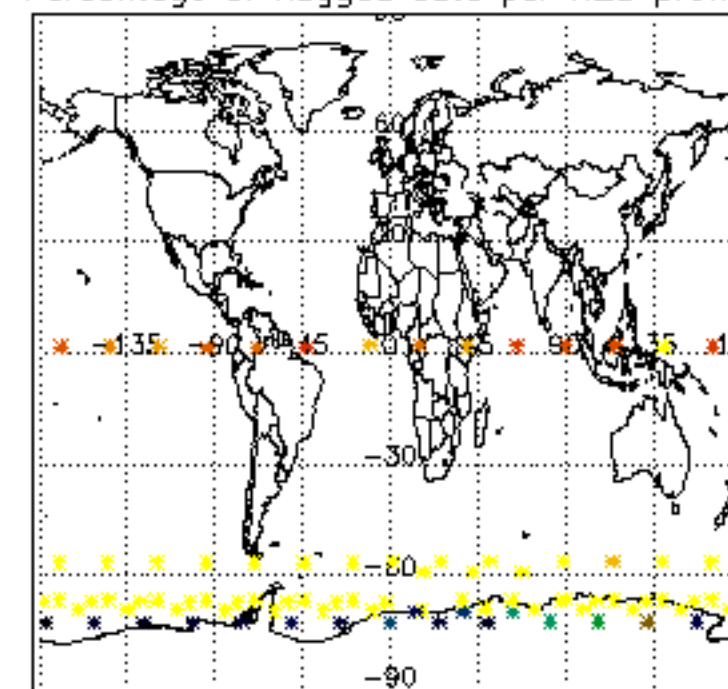




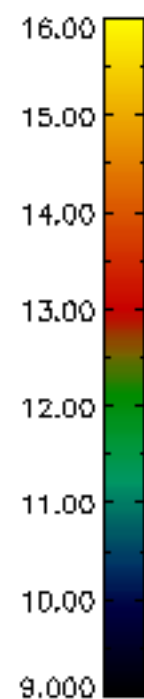
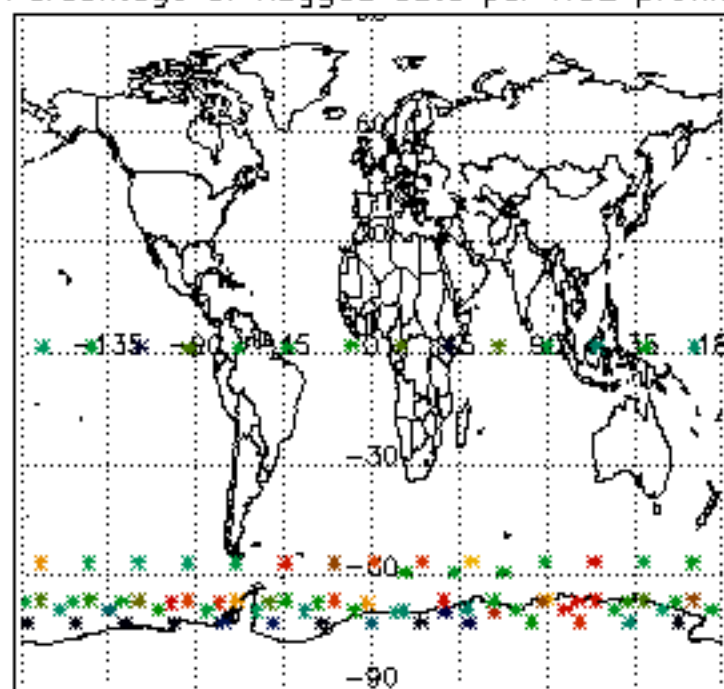
Percentage of flagged data per D3 profile



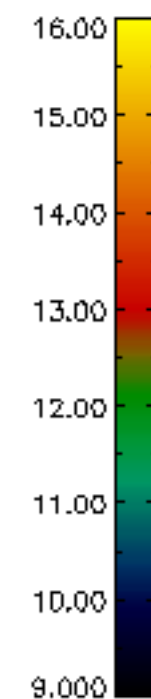
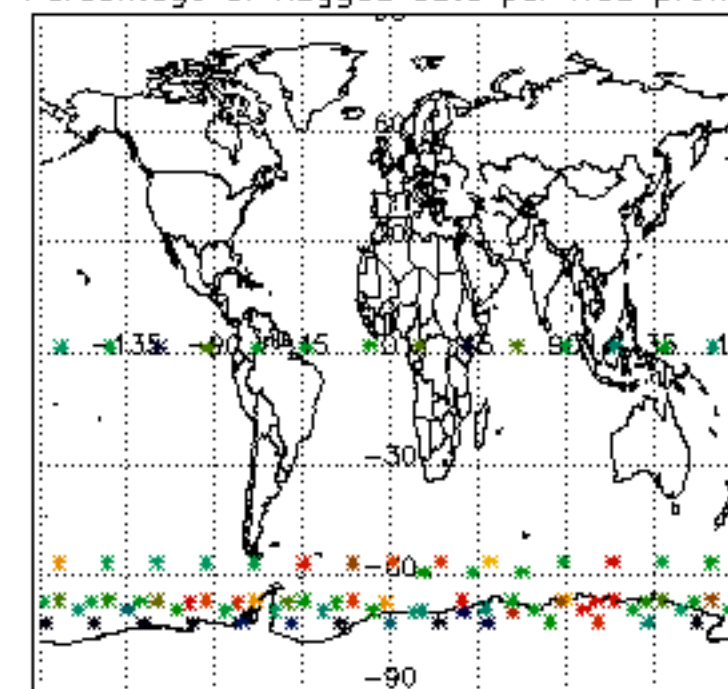
Percentage of flagged data per H2O profile

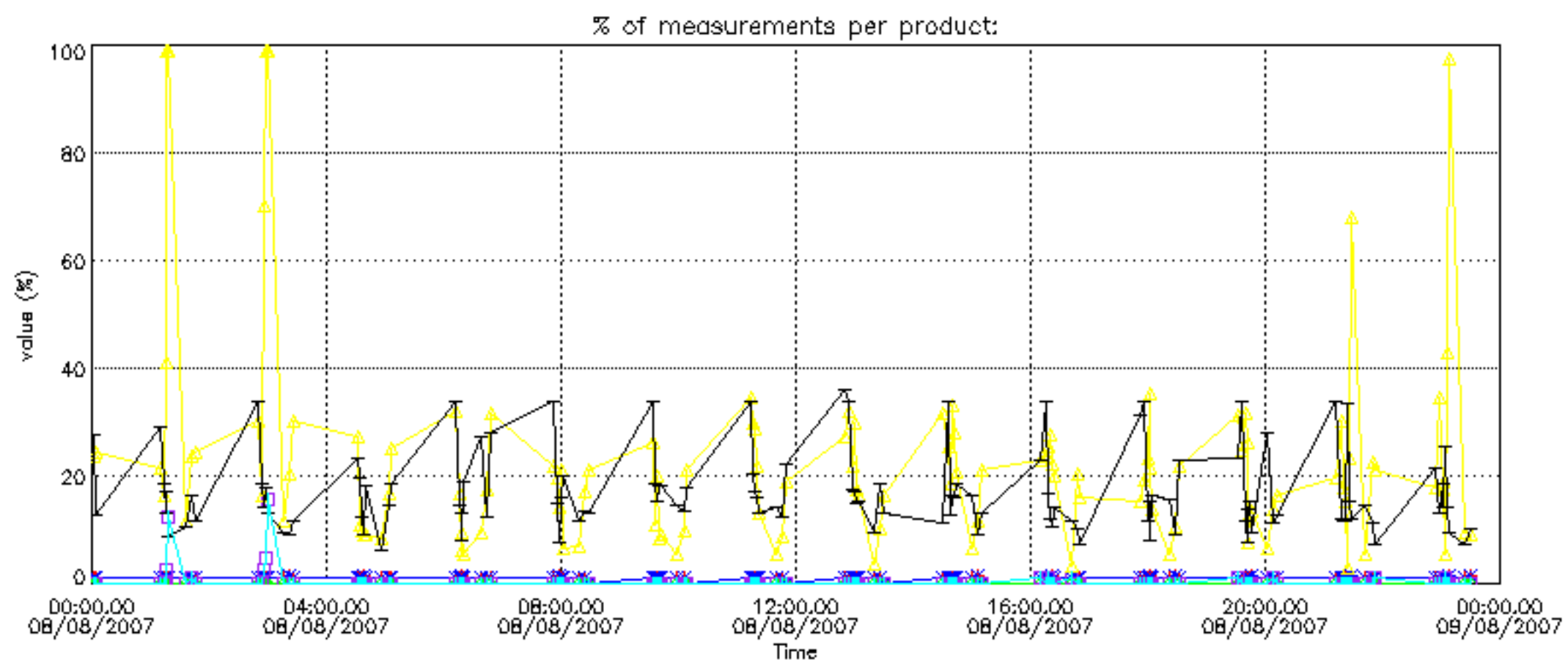
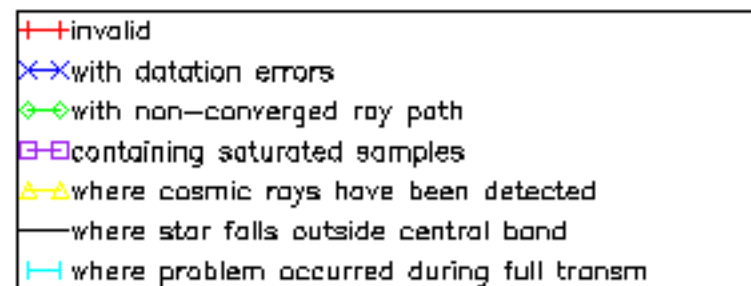


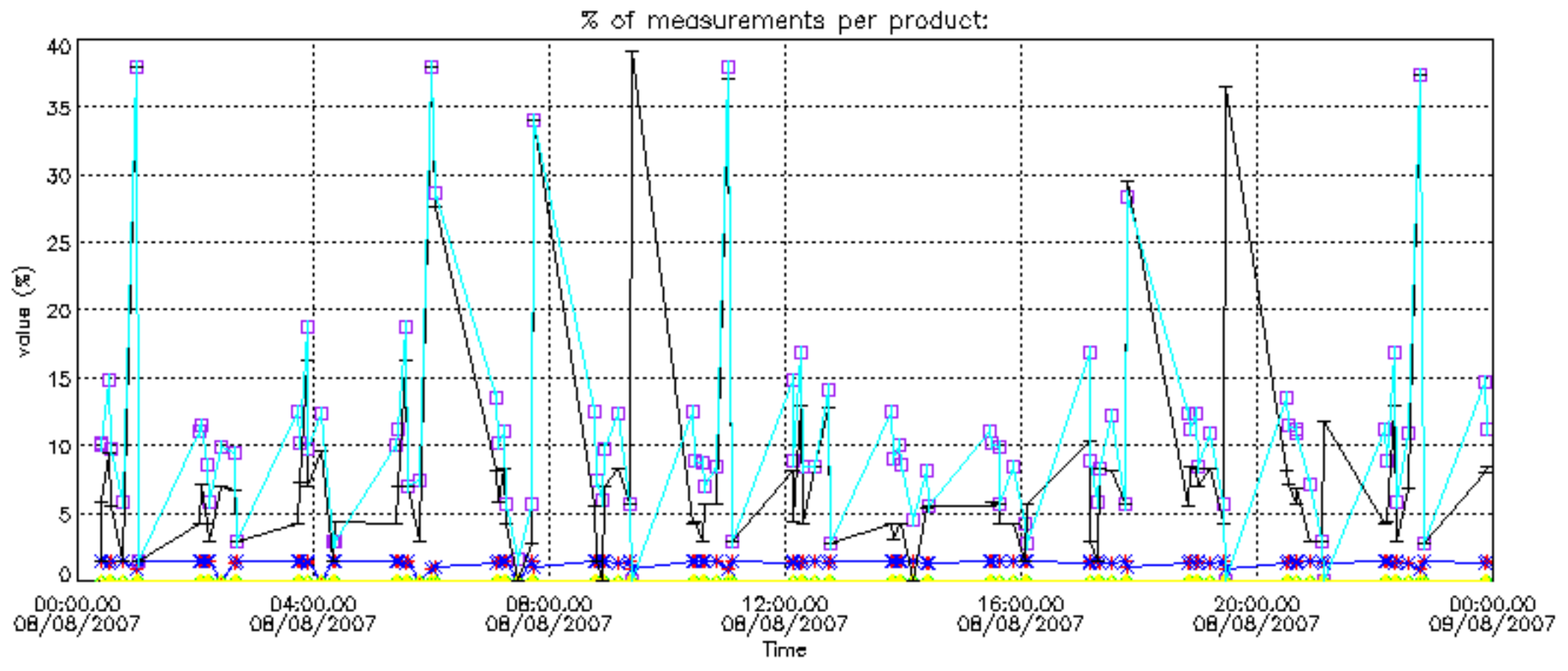
Percentage of flagged data per NO2 profile



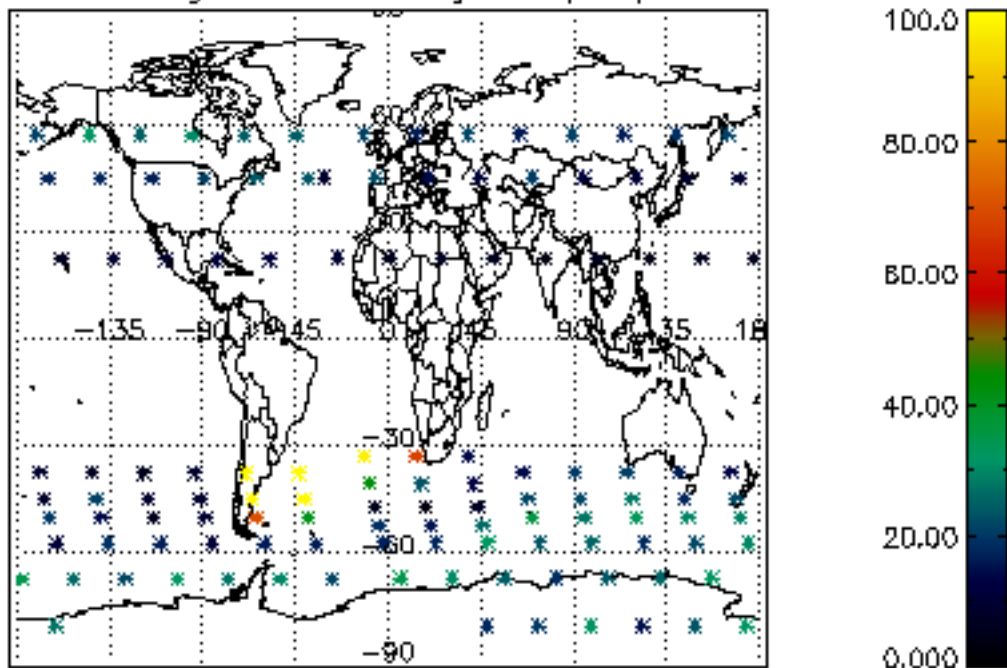
Percentage of flagged data per NO3 profile



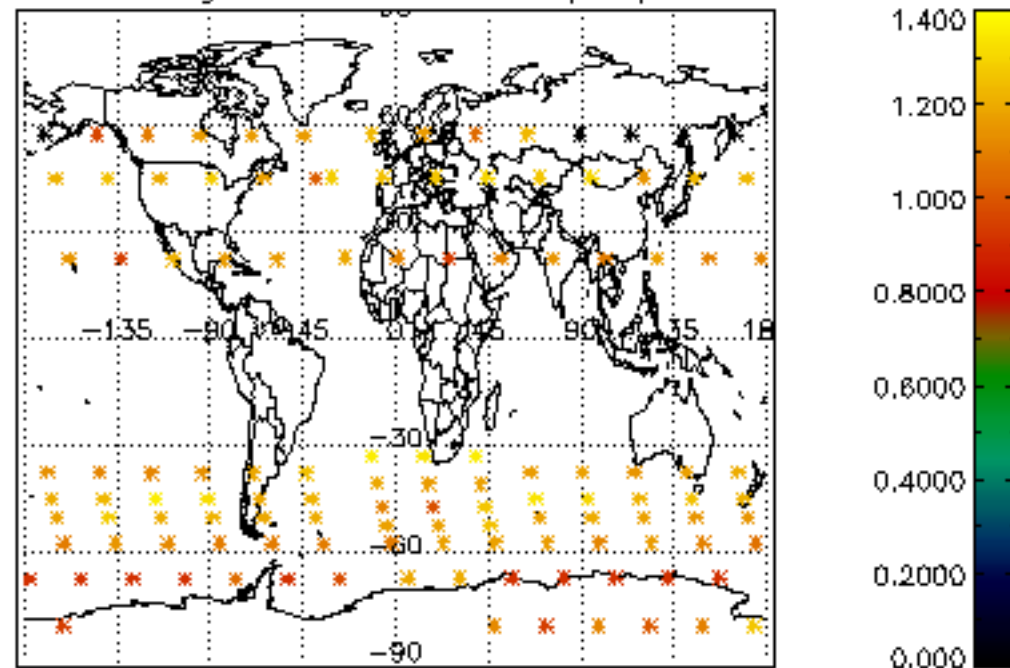




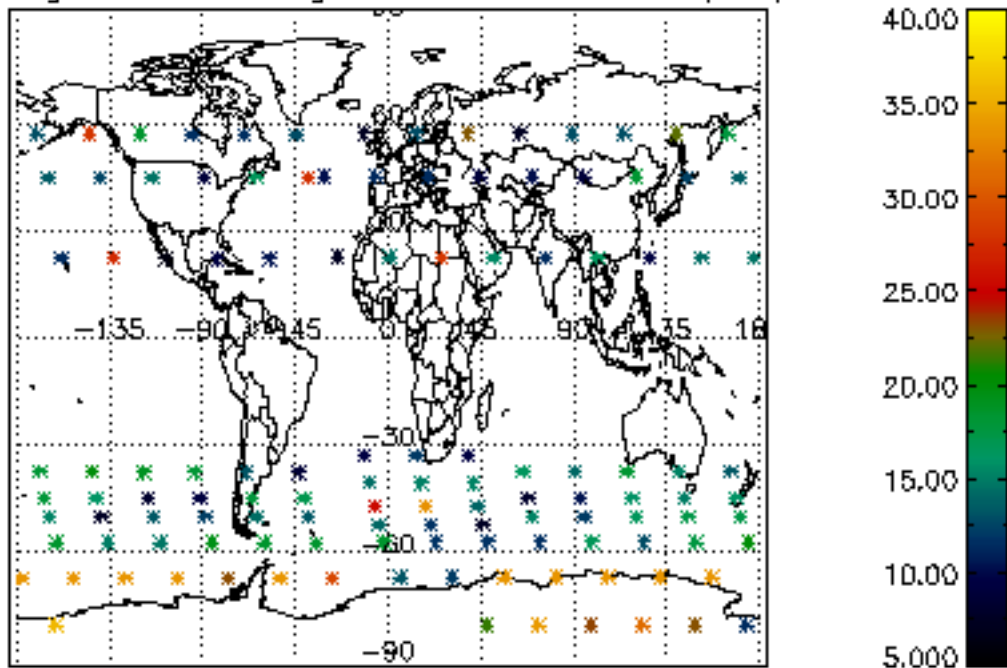
Percentage of cosmic ray hits per profile



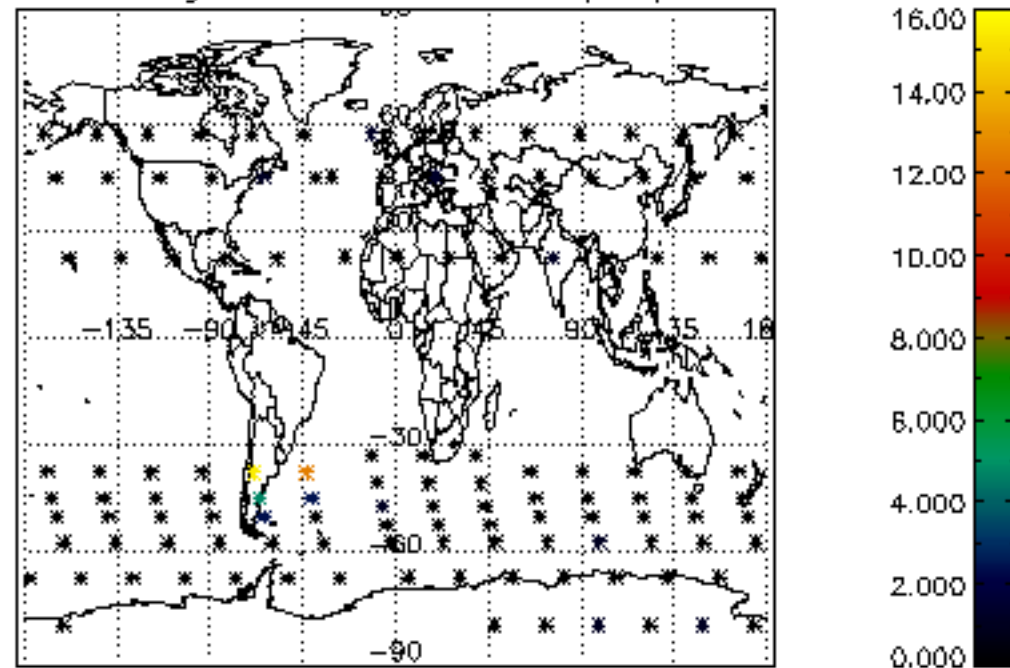
Percentage of datation errors per profile



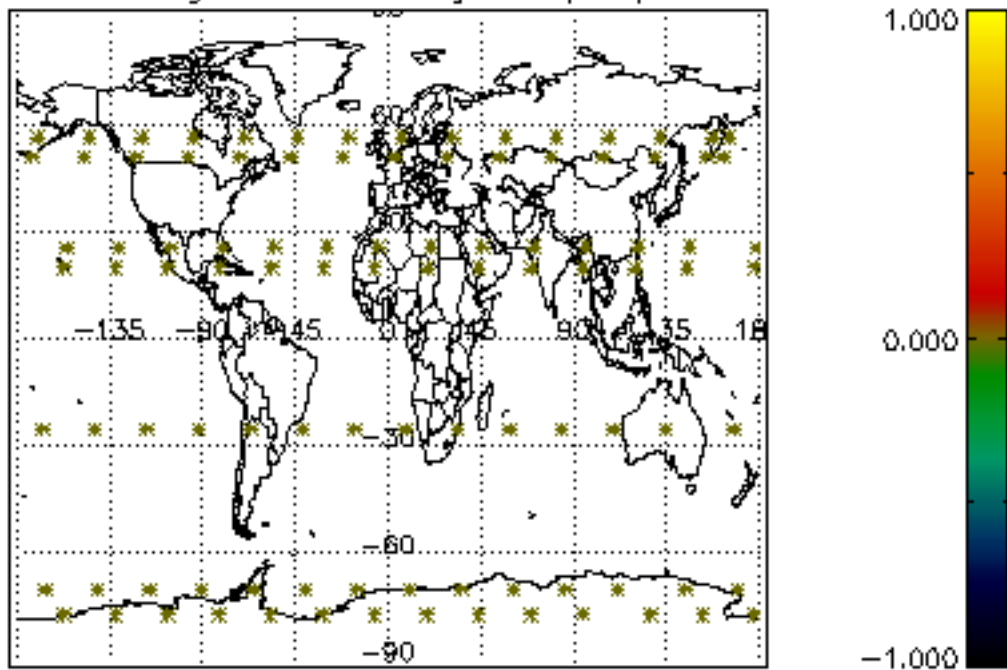
Percentage of star falling outside central band per profile



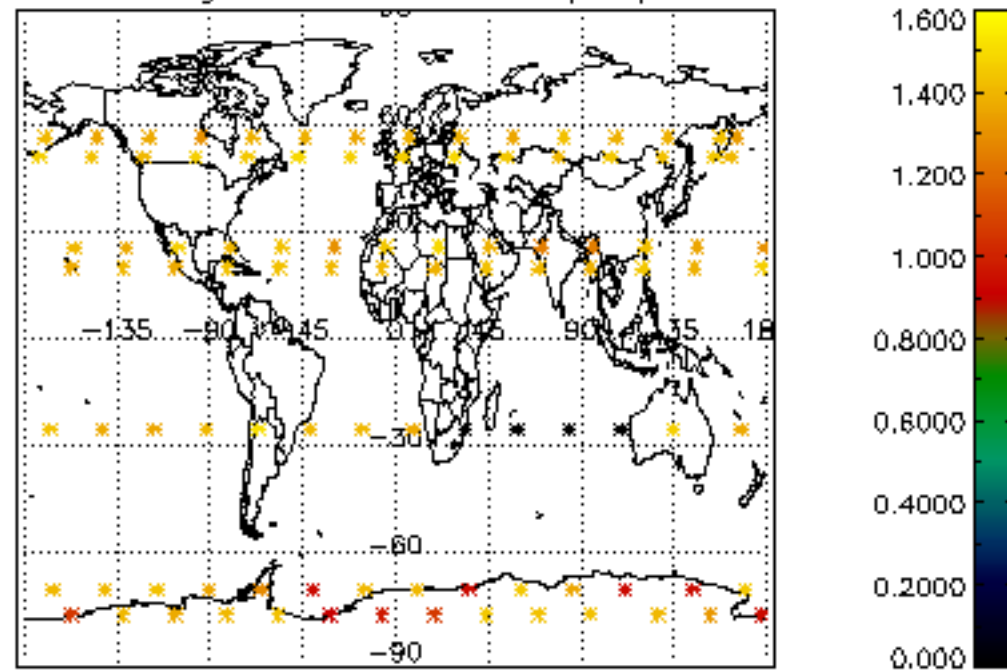
Percentage of saturation errors per profile



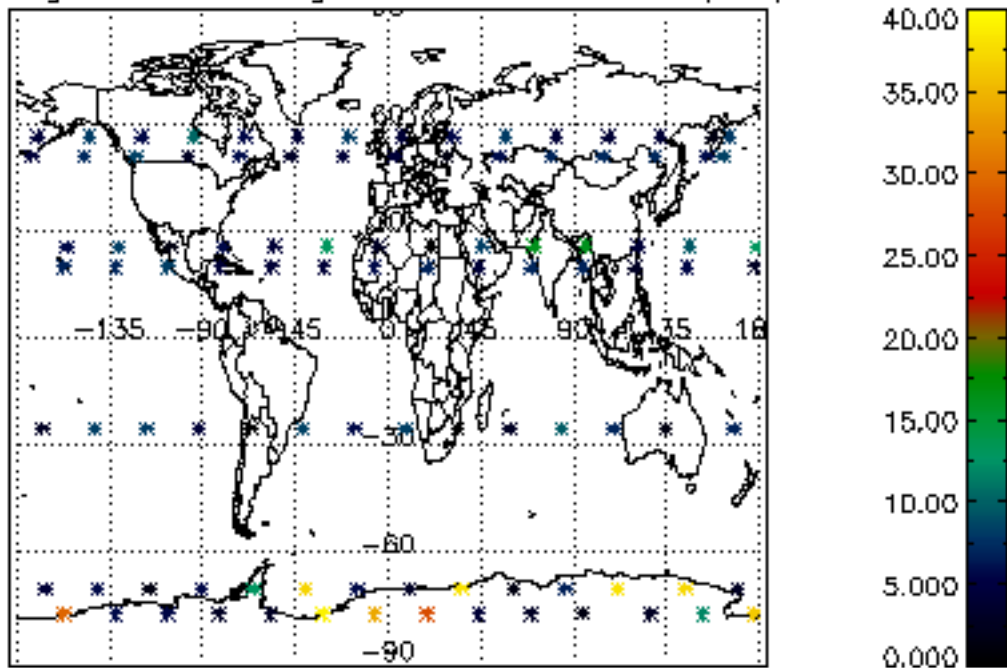
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

