

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 20:59:12
Data source version	GOMOS/6.01
Start time of products	21-06-2007 (21JUN2007 00:00:00)
Stop time of products	22-06-2007 (22JUN2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	277
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__2PRFIN20070621_000211_000000382059_00131_27740_1591.N1	21-JUN-2007 00:02:11	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	27740	No
2	GOM_NL__2PRFIN20070621_001312_000000412059_00131_27740_1592.N1	21-JUN-2007 00:13:12	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	27740	No
3	GOM_NL__2PRFIN20070621_001436_000000402059_00131_27740_1593.N1	21-JUN-2007 00:14:36	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	27740	No
4	GOM_NL__2PRFIN20070621_001622_000000412059_00131_27740_1594.N1	21-JUN-2007 00:16:22	Twilight	40.500	40	The Sco	1.8590	7100.0	81	27740	No
5	GOM_NL__2PRFIN20070621_001804_000000422059_00131_27740_1595.N1	21-JUN-2007 00:18:04	Twilight	41.500	25	35Lam Sco	1.6200	28000.	83	27740	No
6	GOM_NL__2PRFIN20070621_001927_000000522059_00131_27740_1596.N1	21-JUN-2007 00:19:27	Bright	52.000	75	26Eps Sco	2.2910	4250.0	104	27740	No
7	GOM_NL__2PRFIN20070621_002210_000000362059_00131_27740_1597.N1	21-JUN-2007 00:22:10	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	27740	No
8	GOM_NL__2PRFIN20070621_002429_000000382059_00131_27740_1598.N1	21-JUN-2007 00:24:29	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27740	No
9	GOM_NL__2PRFIN20070621_002613_000000372059_00131_27740_1599.N1	21-JUN-2007 00:26:13	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27740	No
10	GOM_NL__2PRFIN20070621_002819_000000362059_00131_27740_1600.N1	21-JUN-2007 00:28:19	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27740	No
11	GOM_NL__2PRFIN20070621_003125_000000352059_00131_27740_1601.N1	21-JUN-2007 00:31:25	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	27740	No
12	GOM_NL__2PRFIN20070621_003521_000000372059_00131_27740_1602.N1	21-JUN-2007 00:35:21	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27740	No
13	GOM_NL__2PRFIN20070621_003706_000000362059_00131_27740_1603.N1	21-JUN-2007 00:37:06	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	27740	No
14	GOM_NL__2PRFIN20070621_004642_000000352059_00131_27740_1604.N1	21-JUN-2007 00:46:42	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	27740	No
15	GOM_NL__2PRFIN20070621_005022_000000372059_00131_27740_1605.N1	21-JUN-2007 00:50:22	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27740	No
16	GOM_NL__2PRFIN20070621_005453_000000332059_00131_27740_1606.N1	21-JUN-2007 00:54:53	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	27740	No
17	GOM_NL__2PRFIN20070621_010512_000000352059_00131_27740_1607.N1	21-JUN-2007 01:05:12	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	27740	No
18	GOM_NL__2PRFIN20070621_011932_000000362059_00131_27740_1608.N1	21-JUN-2007 01:19:32	Dark	35.500	94	92Alp Cet	2.5260	3100.0	71	27740	No
19	GOM_NL__2PRFIN20070621_013733_000000382059_00131_27740_1609.N1	21-JUN-2007 01:37:33	Dark	38.000	9	Alp Eri	0.45300	24000.	76	27740	No
20	GOM_NL__2PRFIN20070621_014247_000000362059_00132_27741_1604.N1	21-JUN-2007 01:42:47	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27741	No
21	GOM_NL__2PRFIN20070621_015349_000000392059_00132_27741_1605.N1	21-JUN-2007 01:53:49	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	27741	No
22	GOM_NL__2PRFIN20070621_015512_000000392059_00132_27741_1606.N1	21-JUN-2007 01:55:12	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	27741	No
23	GOM_NL__2PRFIN20070621_015658_000000422059_00132_27741_1607.N1	21-JUN-2007 01:56:58	Twilight	42.000	40	The Sco	1.8590	7100.0	84	27741	No
24	GOM_NL__2PRFIN20070621_015840_000000402059_00132_27741_1608.N1	21-JUN-2007 01:58:40	Twilight	40.000	25	35Lam Sco	1.6200	28000.	80	27741	No
25	GOM_NL__2PRFIN20070621_020003_000000402059_00132_27741_1609.N1	21-JUN-2007 02:00:03	Bright	39.500	75	26Eps Sco	2.2910	4250.0	79	27741	No
26	GOM_NL__2PRFIN20070621_020246_000000372059_00132_27741_1610.N1	21-JUN-2007 02:02:46	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27741	No
27	GOM_NL__2PRFIN20070621_020505_000000382059_00132_27741_1611.N1	21-JUN-2007 02:05:05	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27741	No
28	GOM_NL__2PRFIN20070621_020649_000000372059_00132_27741_1612.N1	21-JUN-2007 02:06:49	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27741	No
29	GOM_NL__2PRFIN20070621_020855_000000362059_00132_27741_1613.N1	21-JUN-2007 02:08:55	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	27741	No
30	GOM_NL__2PRFIN20070621_021201_000000352059_00132_27741_1614.N1	21-JUN-2007 02:12:01	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	27741	No
31	GOM_NL__2PRFIN20070621_021557_000000362059_00132_27741_1615.N1	21-JUN-2007 02:15:57	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	27741	No
32	GOM_NL__2PRFIN20070621_021742_000000362059_00132_27741_1616.N1	21-JUN-2007 02:17:42	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	27741	No
33	GOM_NL__2PRFIN20070621_022718_000000352059_00132_27741_1617.N1	21-JUN-2007 02:27:18	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	27741	No
34	GOM_NL__2PRFIN20070621_023058_000000372059_00132_27741_1618.N1	21-JUN-2007 02:30:58	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27741	No
35	GOM_NL__2PRFIN20070621_023529_000000342059_00132_27741_1619.N1	21-JUN-2007 02:35:29	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	27741	No
36	GOM_NL__2PRFIN20070621_024548_000000532059_00132_27741_1620.N1	21-JUN-2007 02:45:48	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27741	No
37	GOM_NL__2PRFIN20070621_030008_000000462059_00132_27741_1621.N1	21-JUN-2007 03:00:08	Dark	45.500	94	92Alp Cet	2.5260	3100.0	91	27741	No
38	GOM_NL__2PRFIN20070621_031810_000000442059_00132_27741_1622.N1	21-JUN-2007 03:18:10	Dark	44.000	9	Alp Eri	0.45300	24000.	88	27741	No
39	GOM_NL__2PRFIN20070621_032323_000000352059_00133_27742_1616.N1	21-JUN-2007 03:23:23	Dark	35.000	135	Bet Hyi	2.8200	5800.0	70	27742	No
40	GOM_NL__2PRFIN20070621_033425_000000382059_00133_27742_1617.N1	21-JUN-2007 03:34:25	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	27742	No
41	GOM_NL__2PRFIN20070621_033549_000000392059_00133_27742_1618.N1	21-JUN-2007 03:35:49	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	27742	No
42	GOM_NL__2PRFIN20070621_033735_000000402059_00133_27742_1619.N1	21-JUN-2007 03:37:35	Twilight	39.500	40	The Sco	1.8590	7100.0	79	27742	No

43	GOM_NL__2PRFIN20070621_033916_000000432059_00133_27742_1620.N1	21-JUN-2007 03:39:16	Twilight	42.500	25	35Lam Sco	1.6200	28000.	85	27742	No
44	GOM_NL__2PRFIN20070621_034039_000000522059_00133_27742_1621.N1	21-JUN-2007 03:40:39	Bright	52.000	75	26Eps Sco	2.2910	4250.0	104	27742	No
45	GOM_NL__2PRFIN20070621_034323_000000372059_00133_27742_1622.N1	21-JUN-2007 03:43:23	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27742	No
46	GOM_NL__2PRFIN20070621_034542_000000382059_00133_27742_1623.N1	21-JUN-2007 03:45:42	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27742	No
47	GOM_NL__2PRFIN20070621_034725_000000362059_00133_27742_1624.N1	21-JUN-2007 03:47:25	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27742	No
48	GOM_NL__2PRFIN20070621_034931_000000362059_00133_27742_1625.N1	21-JUN-2007 03:49:31	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27742	No
49	GOM_NL__2PRFIN20070621_035237_000000372059_00133_27742_1626.N1	21-JUN-2007 03:52:37	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	27742	No
50	GOM_NL__2PRFIN20070621_035633_000000352059_00133_27742_1627.N1	21-JUN-2007 03:56:33	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	27742	No
51	GOM_NL__2PRFIN20070621_035818_000000352059_00133_27742_1628.N1	21-JUN-2007 03:58:18	Bright	34.500	67	5Alp CrB	2.2210	11000.	69	27742	No
52	GOM_NL__2PRFIN20070621_040754_000000372059_00133_27742_1629.N1	21-JUN-2007 04:07:54	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27742	No
53	GOM_NL__2PRFIN20070621_041134_000000342059_00133_27742_1630.N1	21-JUN-2007 04:11:34	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	27742	No
54	GOM_NL__2PRFIN20070621_041605_000000352059_00133_27742_1631.N1	21-JUN-2007 04:16:05	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27742	No
55	GOM_NL__2PRFIN20070621_042624_000000352059_00133_27742_1632.N1	21-JUN-2007 04:26:24	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	27742	No
56	GOM_NL__2PRFIN20070621_044044_000000452059_00133_27742_1633.N1	21-JUN-2007 04:40:44	Dark	45.000	94	92Alp Cet	2.5260	3100.0	90	27742	No
57	GOM_NL__2PRFIN20070621_045846_000000432059_00133_27742_1634.N1	21-JUN-2007 04:58:46	Dark	42.500	9	Alp Eri	0.45300	24000.	85	27742	No
58	GOM_NL__2PRFIN20070621_050359_000000372059_00134_27743_1627.N1	21-JUN-2007 05:03:59	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	27743	No
59	GOM_NL__2PRFIN20070621_051501_000000422059_00134_27743_1628.N1	21-JUN-2007 05:15:01	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	27743	No
60	GOM_NL__2PRFIN20070621_051625_000000382059_00134_27743_1629.N1	21-JUN-2007 05:16:25	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27743	No
61	GOM_NL__2PRFIN20070621_051811_000000422059_00134_27743_1630.N1	21-JUN-2007 05:18:11	Twilight	42.000	40	The Sco	1.8590	7100.0	84	27743	No
62	GOM_NL__2PRFIN20070621_051953_000000432059_00134_27743_1631.N1	21-JUN-2007 05:19:53	Twilight	42.500	25	35Lam Sco	1.6200	28000.	85	27743	No
63	GOM_NL__2PRFIN20070621_052115_000000392059_00134_27743_1632.N1	21-JUN-2007 05:21:15	Bright	39.000	75	26Eps Sco	2.2910	4250.0	78	27743	No
64	GOM_NL__2PRFIN20070621_052359_000000372059_00134_27743_1633.N1	21-JUN-2007 05:23:59	Bright	37.000	156	20Sig Sco	2.9030	28000.	74	27743	No
65	GOM_NL__2PRFIN20070621_052618_000000372059_00134_27743_1634.N1	21-JUN-2007 05:26:18	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27743	No
66	GOM_NL__2PRFIN20070621_052802_000000362059_00134_27743_1635.N1	21-JUN-2007 05:28:02	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27743	No
67	GOM_NL__2PRFIN20070621_053008_000000362059_00134_27743_1636.N1	21-JUN-2007 05:30:08	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27743	No
68	GOM_NL__2PRFIN20070621_053313_000000362059_00134_27743_1637.N1	21-JUN-2007 05:33:13	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27743	No
69	GOM_NL__2PRFIN20070621_053709_000000372059_00134_27743_1638.N1	21-JUN-2007 05:37:09	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27743	No
70	GOM_NL__2PRFIN20070621_053854_000000372059_00134_27743_1639.N1	21-JUN-2007 05:38:54	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	27743	No
71	GOM_NL__2PRFIN20070621_054830_000000372059_00134_27743_1640.N1	21-JUN-2007 05:48:30	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27743	No
72	GOM_NL__2PRFIN20070621_055210_000000352059_00134_27743_1641.N1	21-JUN-2007 05:52:10	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	27743	No
73	GOM_NL__2PRFIN20070621_055641_000000342059_00134_27743_1642.N1	21-JUN-2007 05:56:41	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	27743	No
74	GOM_NL__2PRFIN20070621_060700_000000532059_00134_27743_1643.N1	21-JUN-2007 06:07:00	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27743	No
75	GOM_NL__2PRFIN20070621_062121_000000402059_00134_27743_1644.N1	21-JUN-2007 06:21:21	Dark	39.500	94	92Alp Cet	2.5260	3100.0	79	27743	No
76	GOM_NL__2PRFIN20070621_063922_000000442059_00134_27743_1645.N1	21-JUN-2007 06:39:22	Dark	43.500	9	Alp Eri	0.45300	24000.	87	27743	No
77	GOM_NL__2PRFIN20070621_064436_000000362059_00135_27744_1636.N1	21-JUN-2007 06:44:36	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	27744	No
78	GOM_NL__2PRFIN20070621_065537_000000422059_00135_27744_1637.N1	21-JUN-2007 06:55:37	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	27744	No
79	GOM_NL__2PRFIN20070621_065701_000000382059_00135_27744_1638.N1	21-JUN-2007 06:57:01	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	27744	No
80	GOM_NL__2PRFIN20070621_065847_000000442059_00135_27744_1639.N1	21-JUN-2007 06:58:47	Twilight	43.500	40	The Sco	1.8590	7100.0	87	27744	No
81	GOM_NL__2PRFIN20070621_070029_000000452059_00135_27744_1640.N1	21-JUN-2007 07:00:29	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	27744	No
82	GOM_NL__2PRFIN20070621_070151_000000522059_00135_27744_1641.N1	21-JUN-2007 07:01:51	Bright	52.000	75	26Eps Sco	2.2910	4250.0	104	27744	No
83	GOM_NL__2PRFIN20070621_070435_000000372059_00135_27744_1642.N1	21-JUN-2007 07:04:35	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27744	No
84	GOM_NL__2PRFIN20070621_070654_000000382059_00135_27744_1643.N1	21-JUN-2007 07:06:54	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27744	No
85	GOM_NL__2PRFIN20070621_070837_000000362059_00135_27744_1644.N1	21-JUN-2007 07:08:37	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27744	No
86	GOM_NL__2PRFIN20070621_071044_000000372059_00135_27744_1645.N1	21-JUN-2007 07:10:44	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27744	No
87	GOM_NL__2PRFIN20070621_071350_000000362059_00135_27744_1646.N1	21-JUN-2007 07:13:50	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27744	No
88	GOM_NL__2PRFIN20070621_071745_000000362059_00135_27744_1647.N1	21-JUN-2007 07:17:45	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	27744	No
89	GOM_NL__2PRFIN20070621_071930_000000362059_00135_27744_1648.N1	21-JUN-2007 07:19:30	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	27744	No
90	GOM_NL__2PRFIN20070621_072906_000000372059_00135_27744_1649.N1	21-JUN-2007 07:29:06	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	27744	No
91	GOM_NL__2PRFIN20070621_073246_000000362059_00135_27744_1650.N1	21-JUN-2007 07:32:46	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27744	No
92	GOM_NL__2PRFIN20070621_073717_000000362059_00135_27744_1651.N1	21-JUN-2007 07:37:17	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27744	No
93	GOM_NL__2PRFIN20070621_074736_000000532059_00135_27744_1652.N1	21-JUN-2007 07:47:36	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27744	No
94	GOM_NL__2PRFIN20070621_080157_000000432059_00135_27744_1653.N1	21-JUN-2007 08:01:57	Dark	42.500	94	92Alp Cet	2.5260	3100.0	85	27744	No
95	GOM_NL__2PRFIN20070621_081959_000000432059_00135_27744_1654.N1	21-JUN-2007 08:19:59	Dark	42.500	9	Alp Eri	0.45300	24000.	85	27744	No
96	GOM_NL__2PRFIN20070621_082512_000000362059_00136_27745_1716.N1	21-JUN-2007 08:25:12	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	27745	No
97	GOM_NL__2PRFIN20070621_083613_000000402059_00136_27745_1717.N1	21-JUN-2007 08:36:13	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	27745	No
98	GOM_NL__2PRFIN20070621_083738_000000392059_00136_27745_1718.N1	21-JUN-2007 08:37:38	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	27745	No
99	GOM_NL__2PRFIN20070621_083924_000000422059_00136_27745_1719.N1	21-JUN-2007 08:39:24	Twilight	42.000	40	The Sco	1.8590	7100.0	84	27745	No
100	GOM_NL__2PRFIN20070621_084105_000000422059_00136_27745_1720.N1	21-JUN-2007 08:41:05	Twilight	42.000	25	35Lam Sco	1.6200	28000.	84	27745	No
101	GOM_NL__2PRFIN20070621_084227_000000412059_00136_27745_1721.N1	21-JUN-2007 08:42:27	Bright	41.000	75	26Eps Sco	2.2910	4250.0	82	27745	No

102	GOM_NL__2PRFIN20070621_084511_000000372059_00136_27745_1722.N1	21-JUN-2007 08:45:11	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27745	No
103	GOM_NL__2PRFIN20070621_084730_000000382059_00136_27745_1723.N1	21-JUN-2007 08:47:30	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27745	No
104	GOM_NL__2PRFIN20070621_084914_000000362059_00136_27745_1724.N1	21-JUN-2007 08:49:14	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27745	No
105	GOM_NL__2PRFIN20070621_085120_000000362059_00136_27745_1725.N1	21-JUN-2007 08:51:20	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27745	No
106	GOM_NL__2PRFIN20070621_085426_000000372059_00136_27745_1726.N1	21-JUN-2007 08:54:26	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	27745	No
107	GOM_NL__2PRFIN20070621_085821_000000372059_00136_27745_1727.N1	21-JUN-2007 08:58:21	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27745	No
108	GOM_NL__2PRFIN20070621_090006_000000362059_00136_27745_1728.N1	21-JUN-2007 09:00:06	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	27745	No
109	GOM_NL__2PRFIN20070621_090942_000000362059_00136_27745_1729.N1	21-JUN-2007 09:09:42	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27745	No
110	GOM_NL__2PRFIN20070621_091322_000000342059_00136_27745_1730.N1	21-JUN-2007 09:13:22	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	27745	No
111	GOM_NL__2PRFIN20070621_091753_000000362059_00136_27745_1731.N1	21-JUN-2007 09:17:53	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27745	No
112	GOM_NL__2PRFIN20070621_092812_000000532059_00136_27745_1732.N1	21-JUN-2007 09:28:12	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27745	No
113	GOM_NL__2PRFIN20070621_094233_000000372059_00136_27745_1733.N1	21-JUN-2007 09:42:33	Dark	36.500	94	92Alp Cet	2.5260	3100.0	73	27745	No
114	GOM_NL__2PRFIN20070621_100035_000000482059_00136_27745_1734.N1	21-JUN-2007 10:00:35	Dark	47.500	9	Alp Eri	0.45300	24000.	95	27745	No
115	GOM_NL__2PRFIN20070621_100548_000000372059_00137_27746_1712.N1	21-JUN-2007 10:05:48	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	27746	No
116	GOM_NL__2PRFIN20070621_101650_000000412059_00137_27746_1713.N1	21-JUN-2007 10:16:50	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	27746	No
117	GOM_NL__2PRFIN20070621_101814_000000392059_00137_27746_1714.N1	21-JUN-2007 10:18:14	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	27746	No
118	GOM_NL__2PRFIN20070621_102000_000000412059_00137_27746_1715.N1	21-JUN-2007 10:20:00	Tw_i_and_stray	40.500	40	The Sco	1.8590	7100.0	81	27746	No
119	GOM_NL__2PRFIN20070621_102141_000000412059_00137_27746_1716.N1	21-JUN-2007 10:21:41	Tw_i_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	27746	No
120	GOM_NL__2PRFIN20070621_102304_000000412059_00137_27746_1717.N1	21-JUN-2007 10:23:04	Bright	40.500	75	26Eps Sco	2.2910	4250.0	81	27746	No
121	GOM_NL__2PRFIN20070621_102547_000000372059_00137_27746_1718.N1	21-JUN-2007 10:25:47	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27746	No
122	GOM_NL__2PRFIN20070621_102806_000000382059_00137_27746_1719.N1	21-JUN-2007 10:28:06	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27746	No
123	GOM_NL__2PRFIN20070621_102950_000000362059_00137_27746_1720.N1	21-JUN-2007 10:29:50	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27746	No
124	GOM_NL__2PRFIN20070621_103156_000000362059_00137_27746_1721.N1	21-JUN-2007 10:31:56	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	27746	No
125	GOM_NL__2PRFIN20070621_103502_000000372059_00137_27746_1722.N1	21-JUN-2007 10:35:02	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	27746	No
126	GOM_NL__2PRFIN20070621_103857_000000372059_00137_27746_1723.N1	21-JUN-2007 10:38:57	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27746	No
127	GOM_NL__2PRFIN20070621_104042_000000352059_00137_27746_1724.N1	21-JUN-2007 10:40:42	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	27746	No
128	GOM_NL__2PRFIN20070621_105017_000000362059_00137_27746_1725.N1	21-JUN-2007 10:50:17	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	27746	No
129	GOM_NL__2PRFIN20070621_105358_000000372059_00137_27746_1726.N1	21-JUN-2007 10:53:58	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27746	No
130	GOM_NL__2PRFIN20070621_105829_000000362059_00137_27746_1727.N1	21-JUN-2007 10:58:29	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27746	No
131	GOM_NL__2PRFIN20070621_110848_000000342059_00137_27746_1728.N1	21-JUN-2007 11:08:48	Bright	33.500	160	23Gam Per	2.9300	4700.0	67	27746	No
132	GOM_NL__2PRFIN20070621_112309_000000362059_00137_27746_1729.N1	21-JUN-2007 11:23:09	Dark	36.000	94	92Alp Cet	2.5260	3100.0	72	27746	No
133	GOM_NL__2PRFIN20070621_114111_000000442059_00137_27746_1730.N1	21-JUN-2007 11:41:11	Dark	44.000	9	Alp Eri	0.45300	24000.	88	27746	No
134	GOM_NL__2PRFIN20070621_114624_000000362059_00138_27747_1703.N1	21-JUN-2007 11:46:24	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27747	No
135	GOM_NL__2PRFIN20070621_115726_000000392059_00138_27747_1704.N1	21-JUN-2007 11:57:26	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	27747	No
136	GOM_NL__2PRFIN20070621_115850_000000382059_00138_27747_1705.N1	21-JUN-2007 11:58:50	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27747	No
137	GOM_NL__2PRFIN20070621_120036_000000422059_00138_27747_1706.N1	21-JUN-2007 12:00:36	Tw_i_and_stray	42.000	40	The Sco	1.8590	7100.0	84	27747	No
138	GOM_NL__2PRFIN20070621_120217_000000432059_00138_27747_1707.N1	21-JUN-2007 12:02:17	Tw_i_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	27747	No
139	GOM_NL__2PRFIN20070621_120340_000000452059_00138_27747_1708.N1	21-JUN-2007 12:03:40	Bright	45.000	75	26Eps Sco	2.2910	4250.0	90	27747	No
140	GOM_NL__2PRFIN20070621_120623_000000362059_00138_27747_1709.N1	21-JUN-2007 12:06:23	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27747	No
141	GOM_NL__2PRFIN20070621_120842_000000382059_00138_27747_1710.N1	21-JUN-2007 12:08:42	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27747	No
142	GOM_NL__2PRFIN20070621_121026_000000362059_00138_27747_1711.N1	21-JUN-2007 12:10:26	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	27747	No
143	GOM_NL__2PRFIN20070621_121232_000000362059_00138_27747_1712.N1	21-JUN-2007 12:12:32	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27747	No
144	GOM_NL__2PRFIN20070621_121538_000000372059_00138_27747_1713.N1	21-JUN-2007 12:15:38	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	27747	No
145	GOM_NL__2PRFIN20070621_121933_000000372059_00138_27747_1714.N1	21-JUN-2007 12:19:33	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27747	No
146	GOM_NL__2PRFIN20070621_122119_000000362059_00138_27747_1715.N1	21-JUN-2007 12:21:19	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	27747	No
147	GOM_NL__2PRFIN20070621_123053_000000372059_00138_27747_1716.N1	21-JUN-2007 12:30:53	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27747	No
148	GOM_NL__2PRFIN20070621_123434_000000372059_00138_27747_1717.N1	21-JUN-2007 12:34:34	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27747	No
149	GOM_NL__2PRFIN20070621_123905_000000362059_00138_27747_1718.N1	21-JUN-2007 12:39:05	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27747	No
150	GOM_NL__2PRFIN20070621_124924_000000422059_00138_27747_1719.N1	21-JUN-2007 12:49:24	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	27747	No
151	GOM_NL__2PRFIN20070621_130345_000000462059_00138_27747_1720.N1	21-JUN-2007 13:03:45	Dark	45.500	94	92Alp Cet	2.5260	3100.0	91	27747	No
152	GOM_NL__2PRFIN20070621_132148_000000502059_00138_27747_1721.N1	21-JUN-2007 13:21:48	Dark	49.500	9	Alp Eri	0.45300	24000.	99	27747	No
153	GOM_NL__2PRFIN20070621_132700_000000382059_00139_27748_1724.N1	21-JUN-2007 13:27:00	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	27748	No
154	GOM_NL__2PRFIN20070621_133802_000000452059_00139_27748_1725.N1	21-JUN-2007 13:38:02	Straylight	44.500	141	Bet Ara	2.8400	4600.0	89	27748	No
155	GOM_NL__2PRFIN20070621_133926_000000382059_00139_27748_1726.N1	21-JUN-2007 13:39:26	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27748	No
156	GOM_NL__2PRFIN20070621_134112_000000432059_00139_27748_1727.N1	21-JUN-2007 13:41:12	Tw_i_and_stray	42.500	40	The Sco	1.8590	7100.0	85	27748	No
157	GOM_NL__2PRFIN20070621_134254_000000422059_00139_27748_1728.N1	21-JUN-2007 13:42:54	Tw_i_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27748	No
158	GOM_NL__2PRFIN20070621_134416_000000432059_00139_27748_1729.N1	21-JUN-2007 13:44:16	Bright	42.500	75	26Eps Sco	2.2910	4250.0	85	27748	No
159	GOM_NL__2PRFIN20070621_134659_000000362059_00139_27748_1730.N1	21-JUN-2007 13:46:59	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	27748	No
160	GOM_NL__2PRFIN20070621_134918_000000372059_00139_27748_1731.N1	21-JUN-2007 13:49:18	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27748	No

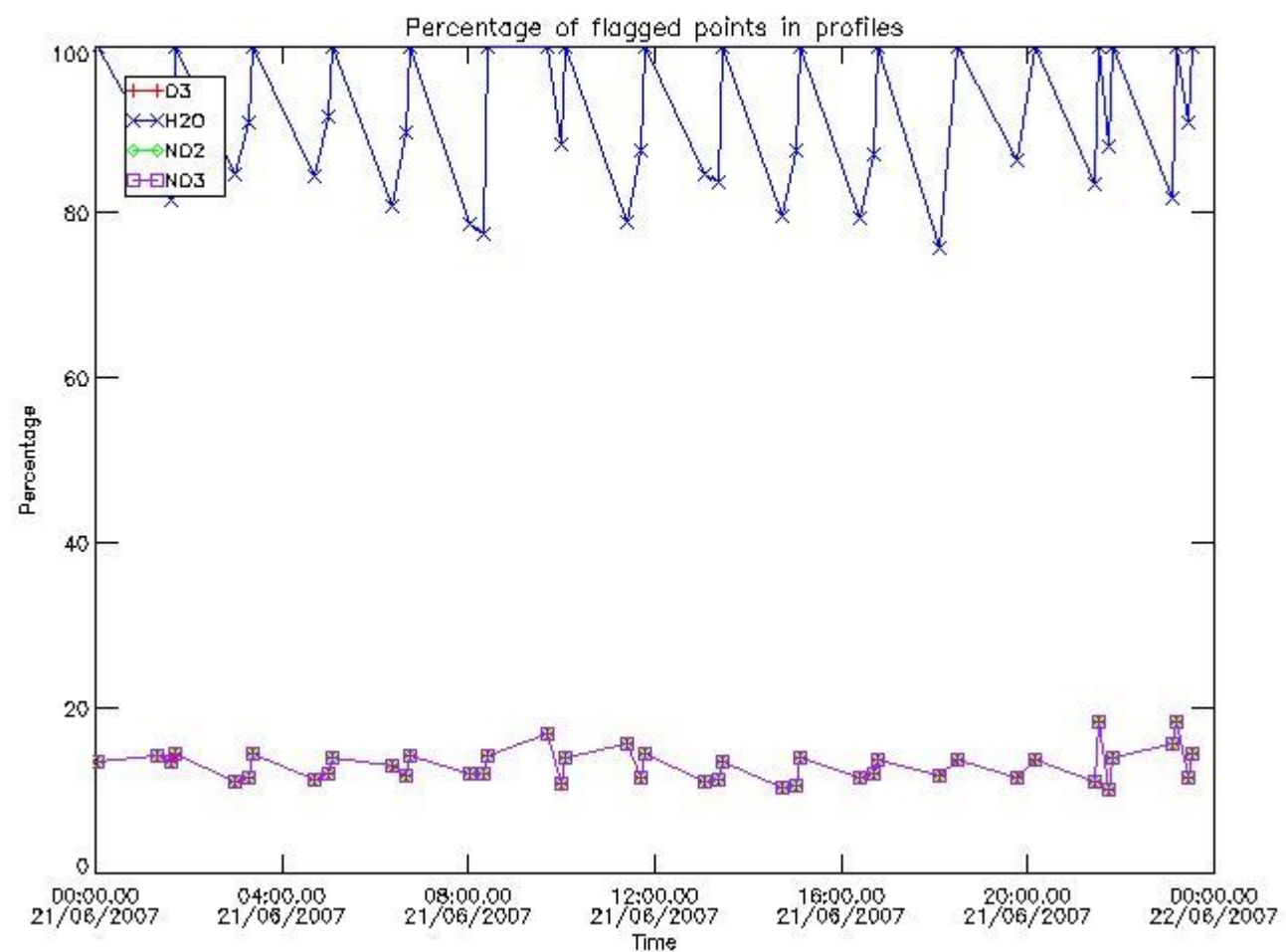
161	GOM_NL__2PRFIN20070621_135102_000000362059_00139_27748_1732.N1	21-JUN-2007 13:51:02	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27748	No
162	GOM_NL__2PRFIN20070621_135308_000000362059_00139_27748_1733.N1	21-JUN-2007 13:53:08	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27748	No
163	GOM_NL__2PRFIN20070621_135614_000000362059_00139_27748_1734.N1	21-JUN-2007 13:56:14	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27748	No
164	GOM_NL__2PRFIN20070621_140009_000000372059_00139_27748_1735.N1	21-JUN-2007 14:00:09	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27748	No
165	GOM_NL__2PRFIN20070621_140155_000000362059_00139_27748_1736.N1	21-JUN-2007 14:01:55	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	27748	No
166	GOM_NL__2PRFIN20070621_141129_000000532059_00139_27748_1737.N1	21-JUN-2007 14:11:29	Bright	53.000	119	14Eta Dra	2.7270	4700.0	106	27748	No
167	GOM_NL__2PRFIN20070621_141510_000000372059_00139_27748_1738.N1	21-JUN-2007 14:15:10	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27748	No
168	GOM_NL__2PRFIN20070621_141941_000000342059_00139_27748_1739.N1	21-JUN-2007 14:19:41	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	27748	No
169	GOM_NL__2PRFIN20070621_143000_000000532059_00139_27748_1740.N1	21-JUN-2007 14:30:00	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27748	No
170	GOM_NL__2PRFIN20070621_144422_000000492059_00139_27748_1741.N1	21-JUN-2007 14:44:22	Dark	49.000	94	92Alp Cet	2.5260	3100.0	98	27748	No
171	GOM_NL__2PRFIN20070621_150224_000000492059_00139_27748_1742.N1	21-JUN-2007 15:02:24	Dark	48.500	9	Alp Eri	0.45300	24000.	97	27748	No
172	GOM_NL__2PRFIN20070621_150736_000000372059_00140_27749_1834.N1	21-JUN-2007 15:07:36	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	27749	No
173	GOM_NL__2PRFIN20070621_151838_000000382059_00140_27749_1835.N1	21-JUN-2007 15:18:38	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	27749	No
174	GOM_NL__2PRFIN20070621_152002_000000402059_00140_27749_1836.N1	21-JUN-2007 15:20:02	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	27749	No
175	GOM_NL__2PRFIN20070621_152148_000000422059_00140_27749_1837.N1	21-JUN-2007 15:21:48	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	27749	No
176	GOM_NL__2PRFIN20070621_152330_000000412059_00140_27749_1838.N1	21-JUN-2007 15:23:30	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	27749	No
177	GOM_NL__2PRFIN20070621_152452_000000422059_00140_27749_1839.N1	21-JUN-2007 15:24:52	Bright	42.000	75	26Eps Sco	2.2910	4250.0	84	27749	No
178	GOM_NL__2PRFIN20070621_152735_000000372059_00140_27749_1840.N1	21-JUN-2007 15:27:35	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27749	No
179	GOM_NL__2PRFIN20070621_152954_000000372059_00140_27749_1841.N1	21-JUN-2007 15:29:54	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27749	No
180	GOM_NL__2PRFIN20070621_153138_000000372059_00140_27749_1842.N1	21-JUN-2007 15:31:38	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27749	No
181	GOM_NL__2PRFIN20070621_153344_000000362059_00140_27749_1843.N1	21-JUN-2007 15:33:44	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27749	No
182	GOM_NL__2PRFIN20070621_153650_000000352059_00140_27749_1844.N1	21-JUN-2007 15:36:50	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	27749	No
183	GOM_NL__2PRFIN20070621_154045_000000352059_00140_27749_1845.N1	21-JUN-2007 15:40:45	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	27749	No
184	GOM_NL__2PRFIN20070621_154231_000000372059_00140_27749_1846.N1	21-JUN-2007 15:42:31	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	27749	No
185	GOM_NL__2PRFIN20070621_155205_000000382059_00140_27749_1847.N1	21-JUN-2007 15:52:05	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	27749	No
186	GOM_NL__2PRFIN20070621_155546_000000342059_00140_27749_1848.N1	21-JUN-2007 15:55:46	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	27749	No
187	GOM_NL__2PRFIN20070621_160017_000000362059_00140_27749_1849.N1	21-JUN-2007 16:00:17	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27749	No
188	GOM_NL__2PRFIN20070621_161036_000000532059_00140_27749_1850.N1	21-JUN-2007 16:10:36	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27749	No
189	GOM_NL__2PRFIN20070621_162458_000000442059_00140_27749_1851.N1	21-JUN-2007 16:24:58	Dark	44.000	94	92Alp Cet	2.5260	3100.0	88	27749	No
190	GOM_NL__2PRFIN20070621_164300_000000472059_00140_27749_1852.N1	21-JUN-2007 16:43:00	Dark	46.500	9	Alp Eri	0.45300	24000.	93	27749	No
191	GOM_NL__2PRFIN20070621_164812_000000372059_00141_27750_1848.N1	21-JUN-2007 16:48:12	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	27750	No
192	GOM_NL__2PRFIN20070621_165914_000000402059_00141_27750_1849.N1	21-JUN-2007 16:59:14	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	27750	No
193	GOM_NL__2PRFIN20070621_170038_000000382059_00141_27750_1850.N1	21-JUN-2007 17:00:38	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	27750	No
194	GOM_NL__2PRFIN20070621_170225_000000442059_00141_27750_1851.N1	21-JUN-2007 17:02:25	Twi_and_stray	43.500	40	The Sco	1.8590	7100.0	87	27750	No
195	GOM_NL__2PRFIN20070621_170406_000000432059_00141_27750_1852.N1	21-JUN-2007 17:04:06	Twi_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	27750	No
196	GOM_NL__2PRFIN20070621_170528_000000462059_00141_27750_1853.N1	21-JUN-2007 17:05:28	Bright	45.500	75	26Eps Sco	2.2910	4250.0	91	27750	No
197	GOM_NL__2PRFIN20070621_170811_000000372059_00141_27750_1854.N1	21-JUN-2007 17:08:11	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27750	No
198	GOM_NL__2PRFIN20070621_171030_000000382059_00141_27750_1855.N1	21-JUN-2007 17:10:30	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27750	No
199	GOM_NL__2PRFIN20070621_171214_000000372059_00141_27750_1856.N1	21-JUN-2007 17:12:14	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27750	No
200	GOM_NL__2PRFIN20070621_171420_000000362059_00141_27750_1857.N1	21-JUN-2007 17:14:20	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27750	No
201	GOM_NL__2PRFIN20070621_171726_000000352059_00141_27750_1858.N1	21-JUN-2007 17:17:26	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	27750	No
202	GOM_NL__2PRFIN20070621_172121_000000372059_00141_27750_1859.N1	21-JUN-2007 17:21:21	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27750	No
203	GOM_NL__2PRFIN20070621_172307_000000362059_00141_27750_1860.N1	21-JUN-2007 17:23:07	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	27750	No
204	GOM_NL__2PRFIN20070621_173241_000000352059_00141_27750_1861.N1	21-JUN-2007 17:32:41	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	27750	No
205	GOM_NL__2PRFIN20070621_173622_000000362059_00141_27750_1862.N1	21-JUN-2007 17:36:22	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	27750	No
206	GOM_NL__2PRFIN20070621_174053_000000362059_00141_27750_1863.N1	21-JUN-2007 17:40:53	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27750	No
207	GOM_NL__2PRFIN20070621_175112_000000532059_00141_27750_1864.N1	21-JUN-2007 17:51:12	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27750	No
208	GOM_NL__2PRFIN20070621_180534_000000442059_00141_27750_1865.N1	21-JUN-2007 18:05:34	Dark	43.500	94	92Alp Cet	2.5260	3100.0	87	27750	No
209	GOM_NL__2PRFIN20070621_182849_000000372059_00142_27751_1863.N1	21-JUN-2007 18:28:49	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	27751	No
210	GOM_NL__2PRFIN20070621_183950_000000472059_00142_27751_1864.N1	21-JUN-2007 18:39:50	Straylight	46.500	141	Bet Ara	2.8400	4600.0	93	27751	No
211	GOM_NL__2PRFIN20070621_184115_000000382059_00142_27751_1865.N1	21-JUN-2007 18:41:15	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27751	No
212	GOM_NL__2PRFIN20070621_184301_000000432059_00142_27751_1866.N1	21-JUN-2007 18:43:01	Twi_and_stray	43.000	40	The Sco	1.8590	7100.0	86	27751	No
213	GOM_NL__2PRFIN20070621_184442_000000412059_00142_27751_1867.N1	21-JUN-2007 18:44:42	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	27751	No
214	GOM_NL__2PRFIN20070621_184604_000000522059_00142_27751_1868.N1	21-JUN-2007 18:46:04	Bright	52.000	75	26Eps Sco	2.2910	4250.0	104	27751	No
215	GOM_NL__2PRFIN20070621_184848_000000372059_00142_27751_1869.N1	21-JUN-2007 18:48:48	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27751	No
216	GOM_NL__2PRFIN20070621_185106_000000382059_00142_27751_1870.N1	21-JUN-2007 18:51:06	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27751	No
217	GOM_NL__2PRFIN20070621_185250_000000362059_00142_27751_1871.N1	21-JUN-2007 18:52:50	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27751	No
218	GOM_NL__2PRFIN20070621_185456_000000372059_00142_27751_1872.N1	21-JUN-2007 18:54:56	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27751	No
219	GOM_NL__2PRFIN20070621_185802_000000362059_00142_27751_1873.N1	21-JUN-2007 18:58:02	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	27751	No

220	GOM_NL__2PRFIN20070621_190157_000000372059_00142_27751_1874.N1	21-JUN-2007 19:01:57	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27751	No
221	GOM_NL__2PRFIN20070621_190343_000000362059_00142_27751_1875.N1	21-JUN-2007 19:03:43	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	27751	No
222	GOM_NL__2PRFIN20070621_191317_000000362059_00142_27751_1876.N1	21-JUN-2007 19:13:17	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27751	No
223	GOM_NL__2PRFIN20070621_191658_000000342059_00142_27751_1877.N1	21-JUN-2007 19:16:58	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	27751	No
224	GOM_NL__2PRFIN20070621_192129_000000362059_00142_27751_1878.N1	21-JUN-2007 19:21:29	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27751	No
225	GOM_NL__2PRFIN20070621_193147_000000342059_00142_27751_1879.N1	21-JUN-2007 19:31:47	Bright	33.500	160	23Gam Per	2.9300	4700.0	67	27751	No
226	GOM_NL__2PRFIN20070621_194610_000000442059_00142_27751_1880.N1	21-JUN-2007 19:46:10	Dark	44.000	94	92Alp Cet	2.5260	3100.0	88	27751	No
227	GOM_NL__2PRFIN20070621_200925_000000372059_00143_27752_1879.N1	21-JUN-2007 20:09:25	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	27752	No
228	GOM_NL__2PRFIN20070621_202027_000000382059_00143_27752_1880.N1	21-JUN-2007 20:20:27	Straylight	37.500	141	Bet Ara	2.8400	4600.0	75	27752	No
229	GOM_NL__2PRFIN20070621_202151_000000382059_00143_27752_1881.N1	21-JUN-2007 20:21:51	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	27752	No
230	GOM_NL__2PRFIN20070621_202337_000000402059_00143_27752_1882.N1	21-JUN-2007 20:23:37	Tw_i_and_stray	40.000	40	The Sco	1.8590	7100.0	80	27752	No
231	GOM_NL__2PRFIN20070621_202518_000000422059_00143_27752_1883.N1	21-JUN-2007 20:25:18	Tw_i_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	27752	No
232	GOM_NL__2PRFIN20070621_202640_000000412059_00143_27752_1884.N1	21-JUN-2007 20:26:40	Bright	40.500	75	26Eps Sco	2.2910	4250.0	81	27752	No
233	GOM_NL__2PRFIN20070621_202924_000000362059_00143_27752_1885.N1	21-JUN-2007 20:29:24	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	27752	No
234	GOM_NL__2PRFIN20070621_203142_000000372059_00143_27752_1886.N1	21-JUN-2007 20:31:42	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27752	No
235	GOM_NL__2PRFIN20070621_203326_000000362059_00143_27752_1887.N1	21-JUN-2007 20:33:26	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27752	No
236	GOM_NL__2PRFIN20070621_203532_000000362059_00143_27752_1888.N1	21-JUN-2007 20:35:32	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27752	No
237	GOM_NL__2PRFIN20070621_203838_000000362059_00143_27752_1889.N1	21-JUN-2007 20:38:38	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27752	No
238	GOM_NL__2PRFIN20070621_204233_000000362059_00143_27752_1890.N1	21-JUN-2007 20:42:33	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	27752	No
239	GOM_NL__2PRFIN20070621_204419_000000342059_00143_27752_1891.N1	21-JUN-2007 20:44:19	Bright	34.000	67	5Alp CrB	2.2210	11000.	68	27752	No
240	GOM_NL__2PRFIN20070621_205353_000000372059_00143_27752_1892.N1	21-JUN-2007 20:53:53	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27752	No
241	GOM_NL__2PRFIN20070621_205734_000000382059_00143_27752_1893.N1	21-JUN-2007 20:57:34	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	27752	No
242	GOM_NL__2PRFIN20070621_210205_000000332059_00143_27752_1894.N1	21-JUN-2007 21:02:05	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	27752	No
243	GOM_NL__2PRFIN20070621_211223_000000422059_00143_27752_1895.N1	21-JUN-2007 21:12:23	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	27752	No
244	GOM_NL__2PRFIN20070621_212647_000000462059_00143_27752_1896.N1	21-JUN-2007 21:26:47	Dark	45.500	94	92Alp Cet	2.5260	3100.0	91	27752	No
245	GOM_NL__2PRFIN20070621_213052_000000282059_00143_27752_1897.N1	21-JUN-2007 21:30:52	Dark	28.000	165	34Gam Eri	2.9500	3200.0	56	27752	No
246	GOM_NL__2PRFIN20070621_214449_000000512059_00143_27752_1898.N1	21-JUN-2007 21:44:49	Dark	50.500	9	Alp Eri	0.45300	24000.	101	27752	No
247	GOM_NL__2PRFIN20070621_215001_000000372059_00144_27753_1892.N1	21-JUN-2007 21:50:01	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	27753	No
248	GOM_NL__2PRFIN20070621_220103_000000392059_00144_27753_1893.N1	21-JUN-2007 22:01:03	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	27753	No
249	GOM_NL__2PRFIN20070621_220227_000000392059_00144_27753_1894.N1	21-JUN-2007 22:02:27	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	27753	No
250	GOM_NL__2PRFIN20070621_220413_000000382059_00144_27753_1895.N1	21-JUN-2007 22:04:13	Tw_i_and_stray	38.000	40	The Sco	1.8590	7100.0	76	27753	No
251	GOM_NL__2PRFIN20070621_220555_000000442059_00144_27753_1896.N1	21-JUN-2007 22:05:55	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	27753	No
252	GOM_NL__2PRFIN20070621_220716_000000422059_00144_27753_1897.N1	21-JUN-2007 22:07:16	Bright	41.500	75	26Eps Sco	2.2910	4250.0	83	27753	No
253	GOM_NL__2PRFIN20070621_221000_000000362059_00144_27753_1898.N1	21-JUN-2007 22:10:00	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27753	No
254	GOM_NL__2PRFIN20070621_221218_000000382059_00144_27753_1899.N1	21-JUN-2007 22:12:18	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27753	No
255	GOM_NL__2PRFIN20070621_221402_000000352059_00144_27753_1900.N1	21-JUN-2007 22:14:02	Bright	35.000	98	13Zet Oph	2.5710	30000.	70	27753	No
256	GOM_NL__2PRFIN20070621_221608_000000362059_00144_27753_1901.N1	21-JUN-2007 22:16:08	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	27753	No
257	GOM_NL__2PRFIN20070621_221915_000000352059_00144_27753_1902.N1	21-JUN-2007 22:19:15	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	27753	No
258	GOM_NL__2PRFIN20070621_222308_000000382059_00144_27753_1903.N1	21-JUN-2007 22:23:08	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27753	No
259	GOM_NL__2PRFIN20070621_222455_000000362059_00144_27753_1904.N1	21-JUN-2007 22:24:55	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	27753	No
260	GOM_NL__2PRFIN20070621_223428_000000372059_00144_27753_1905.N1	21-JUN-2007 22:34:28	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27753	No
261	GOM_NL__2PRFIN20070621_223810_000000522059_00144_27753_1906.N1	21-JUN-2007 22:38:10	Bright	52.000	60	7Bet UMi	2.0810	3950.0	104	27753	No
262	GOM_NL__2PRFIN20070621_224241_000000352059_00144_27753_1907.N1	21-JUN-2007 22:42:41	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27753	No
263	GOM_NL__2PRFIN20070621_225259_000000422059_00144_27753_1908.N1	21-JUN-2007 22:52:59	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	27753	No
264	GOM_NL__2PRFIN20070621_230723_000000362059_00144_27753_1909.N1	21-JUN-2007 23:07:23	Dark	36.000	94	92Alp Cet	2.5260	3100.0	72	27753	No
265	GOM_NL__2PRFIN20070621_231128_000000282059_00144_27753_1910.N1	21-JUN-2007 23:11:28	Dark	27.500	165	34Gam Eri	2.9500	3200.0	55	27753	No
266	GOM_NL__2PRFIN20070621_232526_000000452059_00144_27753_1911.N1	21-JUN-2007 23:25:26	Dark	44.500	9	Alp Eri	0.45300	24000.	89	27753	No
267	GOM_NL__2PRFIN20070621_233037_000000362059_00145_27754_1917.N1	21-JUN-2007 23:30:37	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27754	No
268	GOM_NL__2PRFIN20070621_234139_000000402059_00145_27754_1918.N1	21-JUN-2007 23:41:39	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	27754	No
269	GOM_NL__2PRFIN20070621_234303_000000382059_00145_27754_1919.N1	21-JUN-2007 23:43:03	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	27754	No
270	GOM_NL__2PRFIN20070621_234449_000000422059_00145_27754_1920.N1	21-JUN-2007 23:44:49	Tw_i_and_stray	42.000	40	The Sco	1.8590	7100.0	84	27754	No
271	GOM_NL__2PRFIN20070621_234631_000000412059_00145_27754_1921.N1	21-JUN-2007 23:46:31	Tw_i_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	27754	No
272	GOM_NL__2PRFIN20070621_234752_000000422059_00145_27754_1922.N1	21-JUN-2007 23:47:52	Bright	42.000	75	26Eps Sco	2.2910	4250.0	84	27754	No
273	GOM_NL__2PRFIN20070621_235036_000000362059_00145_27754_1923.N1	21-JUN-2007 23:50:36	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27754	No
274	GOM_NL__2PRFIN20070621_235254_000000372059_00145_27754_1924.N1	21-JUN-2007 23:52:54	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27754	No
275	GOM_NL__2PRFIN20070621_235438_000000362059_00145_27754_1925.N1	21-JUN-2007 23:54:38	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	27754	No
276	GOM_NL__2PRFIN20070621_235644_000000362059_00145_27754_1926.N1	21-JUN-2007 23:56:44	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	27754	No
277	GOM_NL__2PRFIN20070621_235951_000000352059_00145_27754_1927.N1	21-JUN-2007 23:59:51	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	27754	No

3. Quality information per product

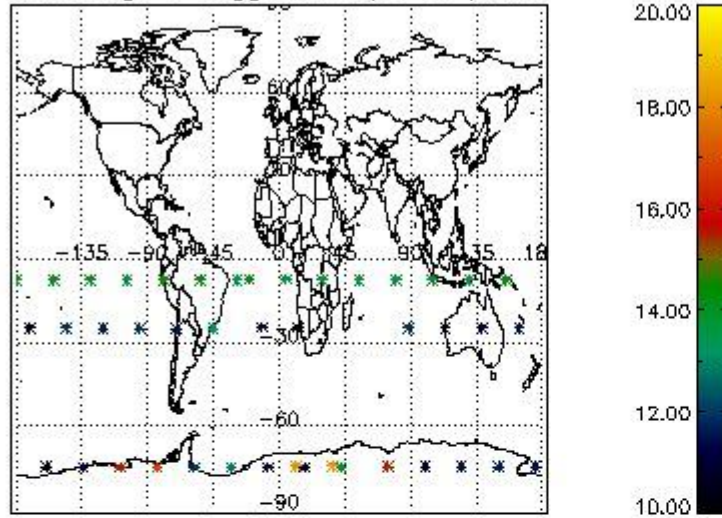
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

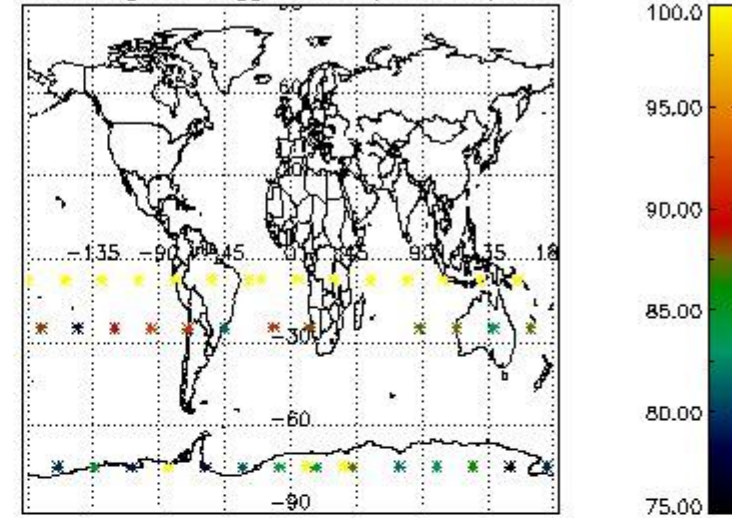


3.2 Plot quality information per product (world map)

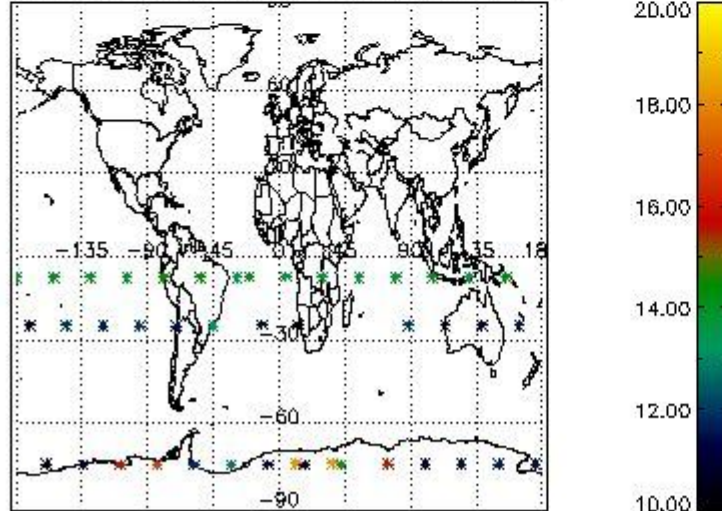
Percentage of flagged data per O3 profile



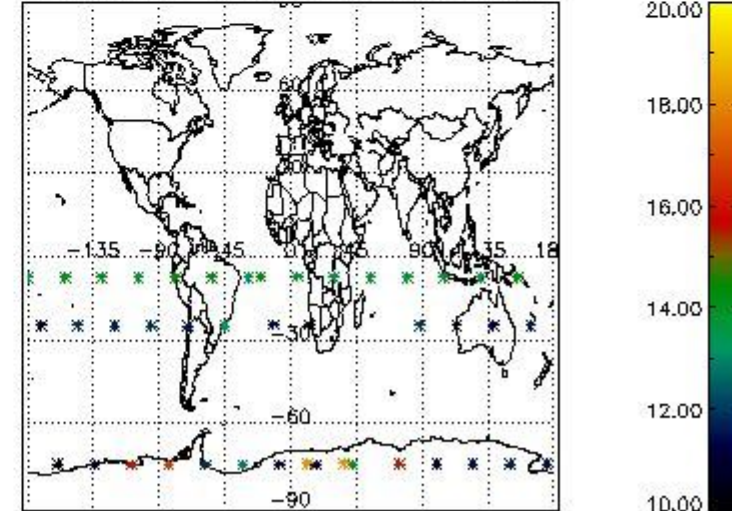
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

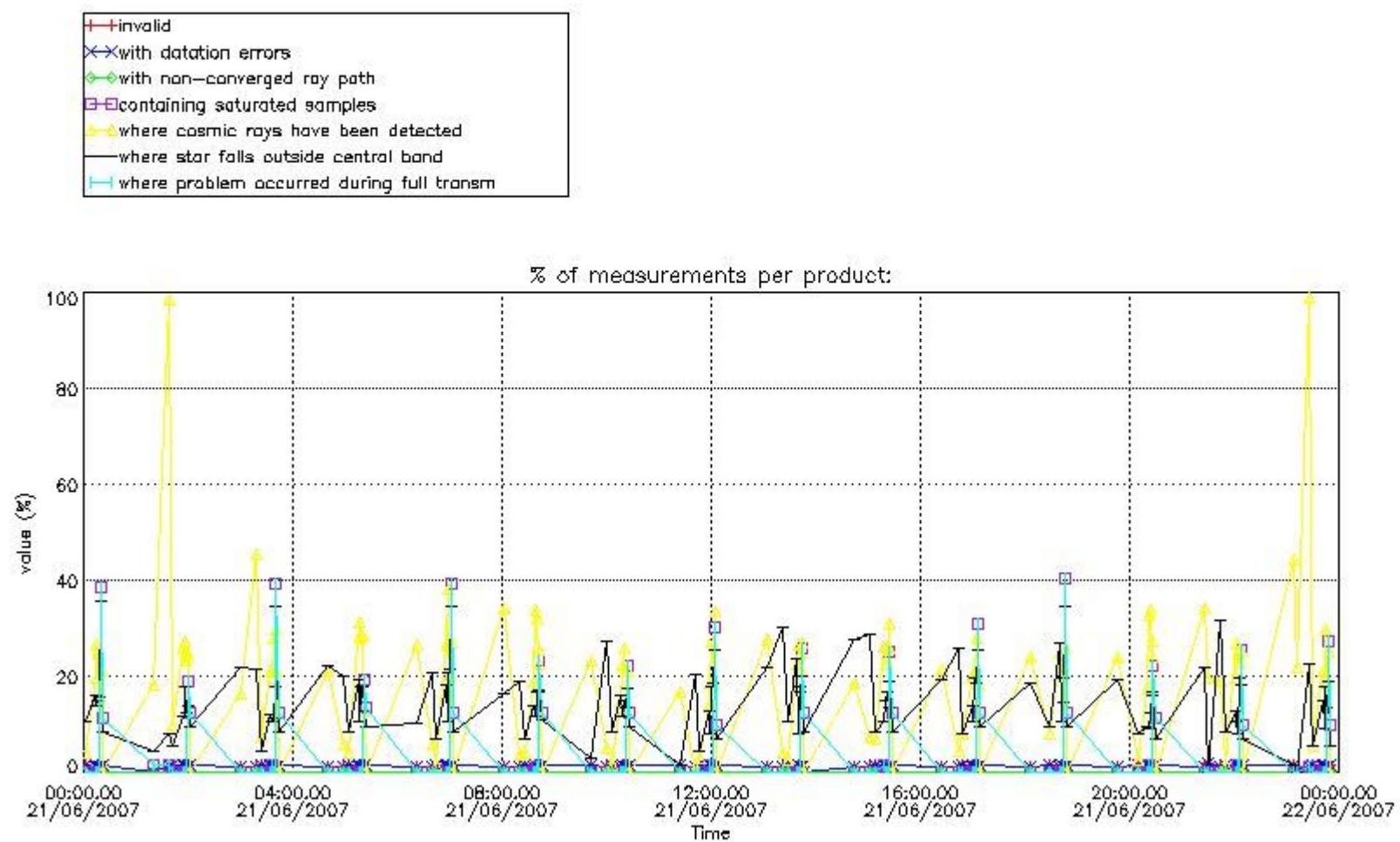


4. Level 1 quality information per product

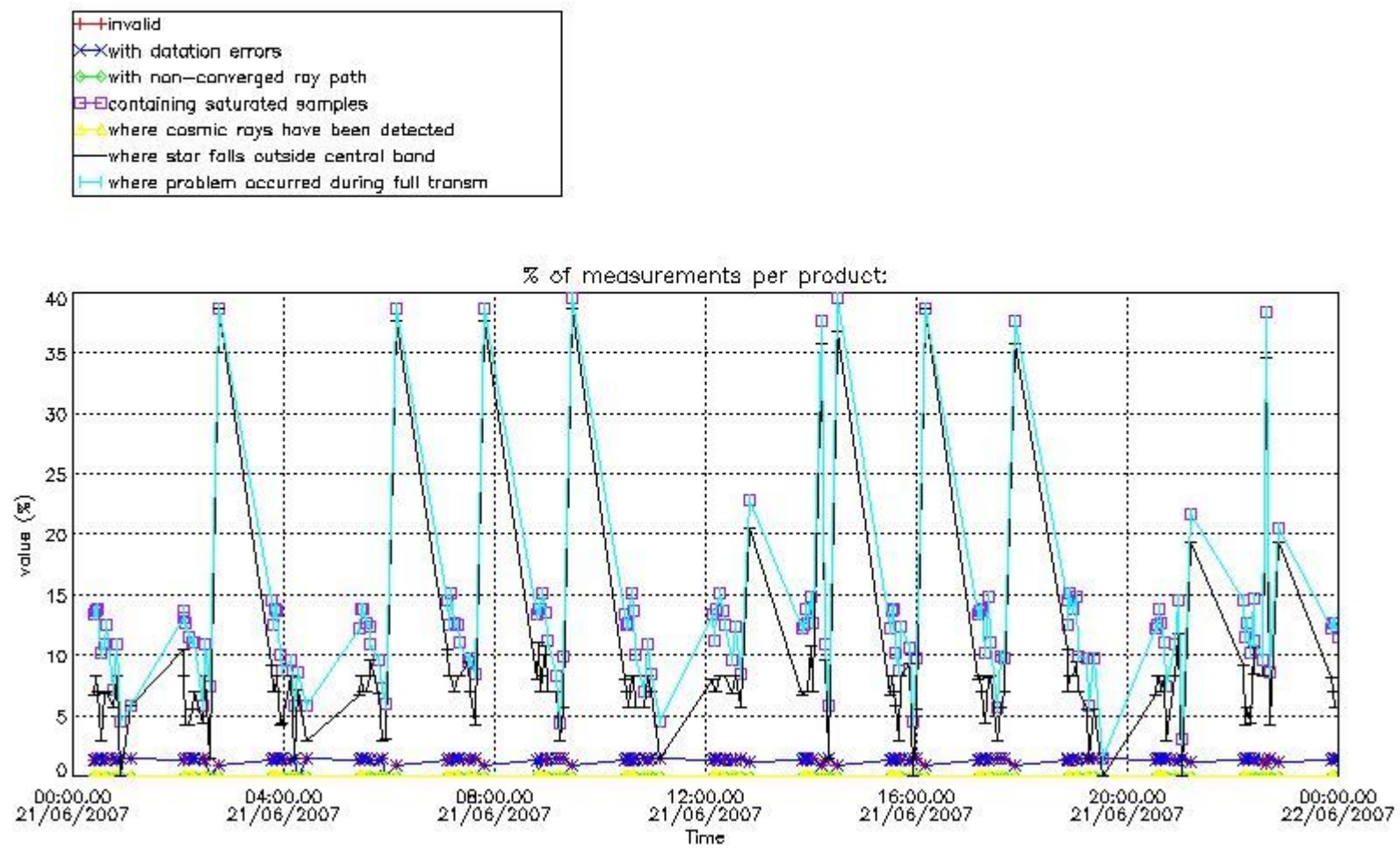
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

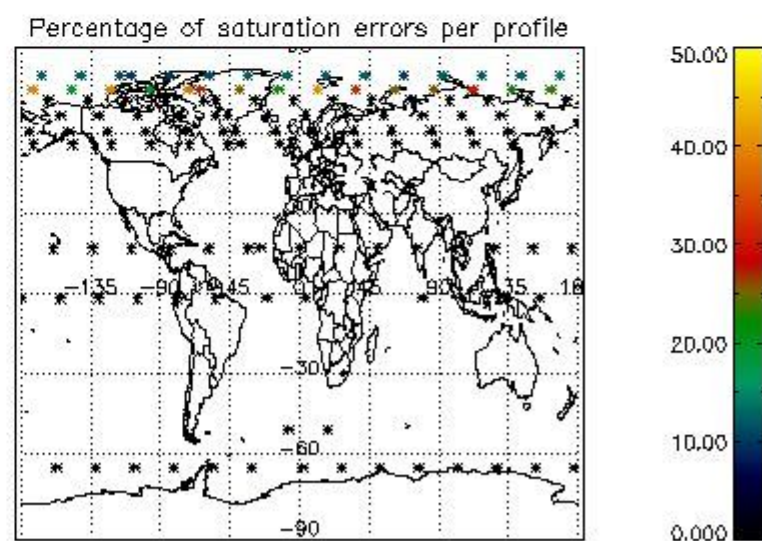
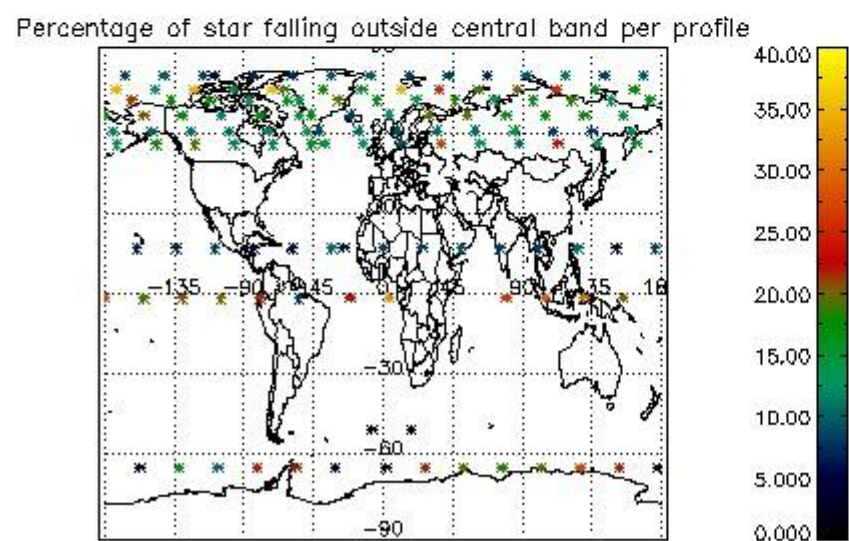
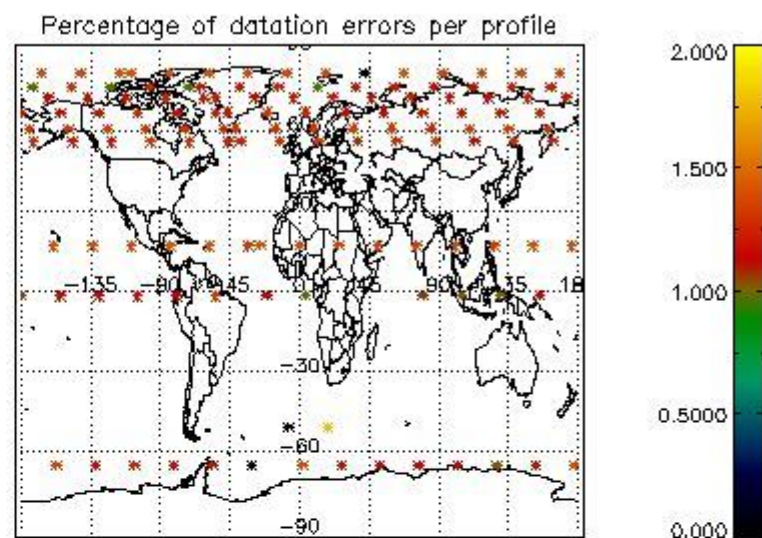
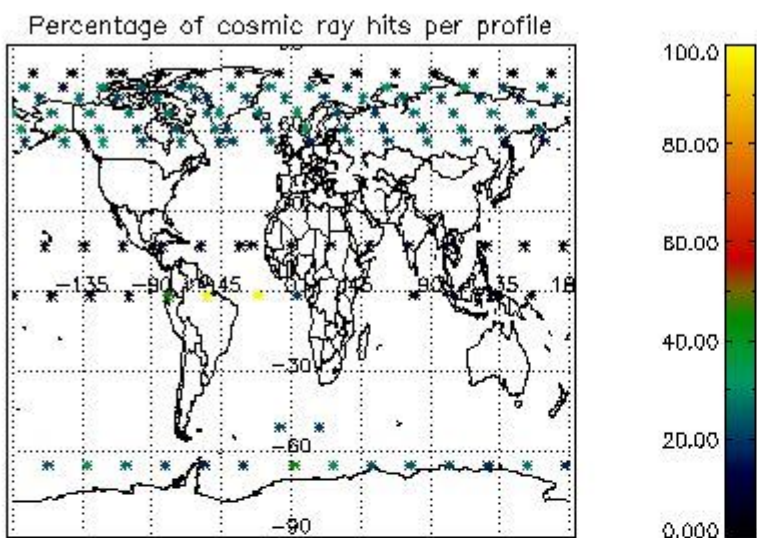


4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes

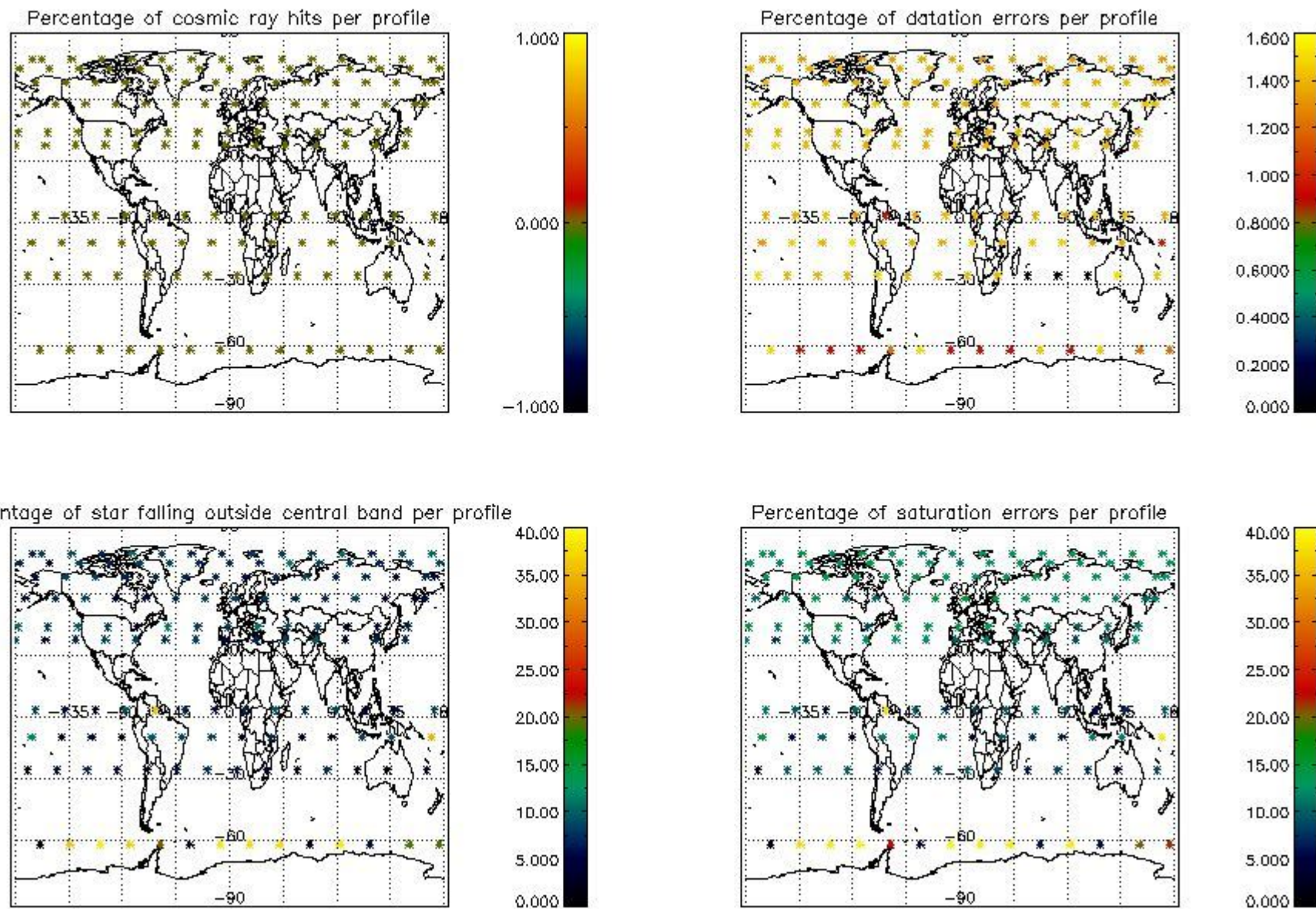


4.2 Plot quality information per product coming from level 1b processing (world map)

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

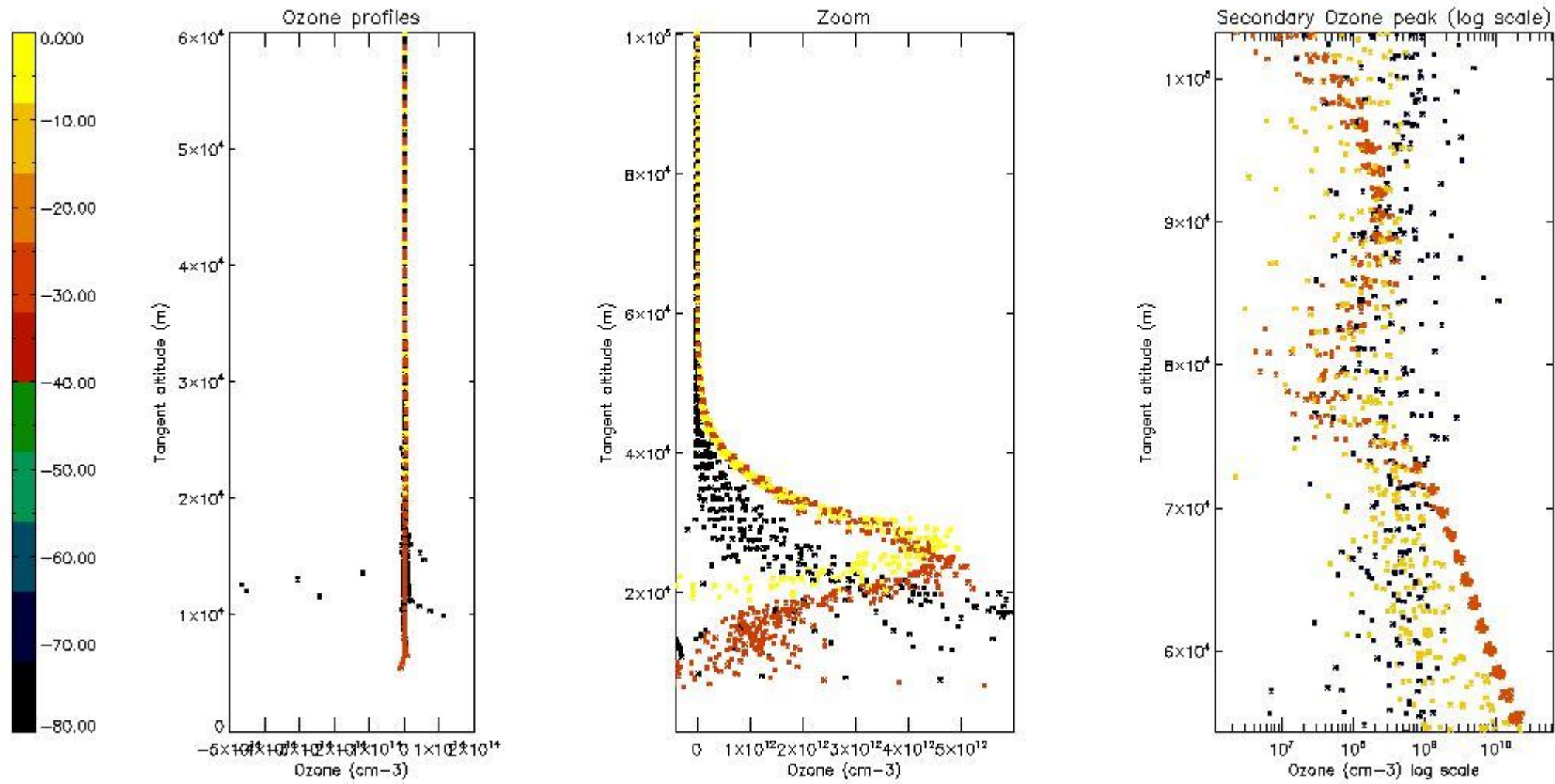
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	17
STD < 20	6

STD < 10	4
STD < 5	3

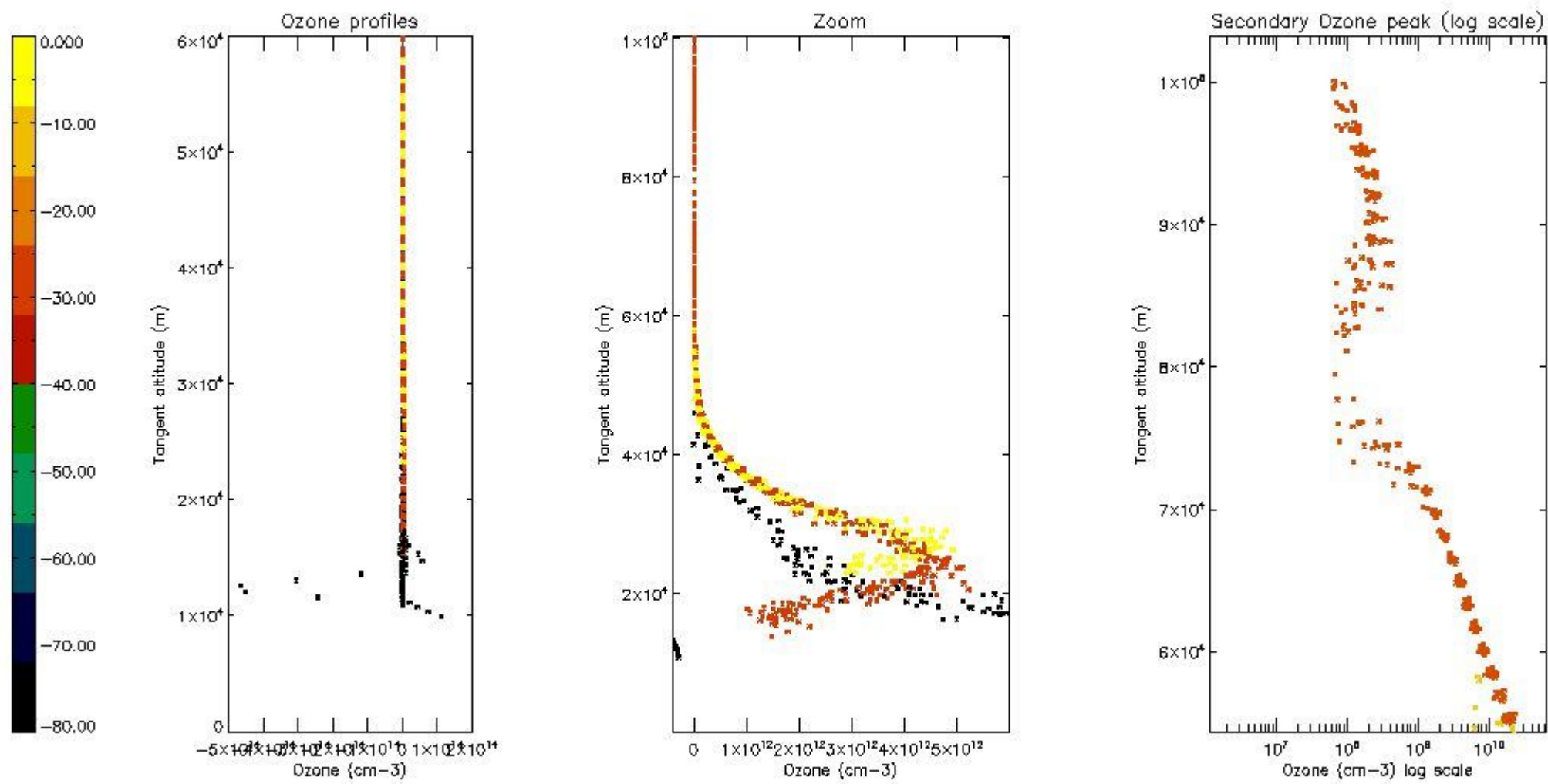
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



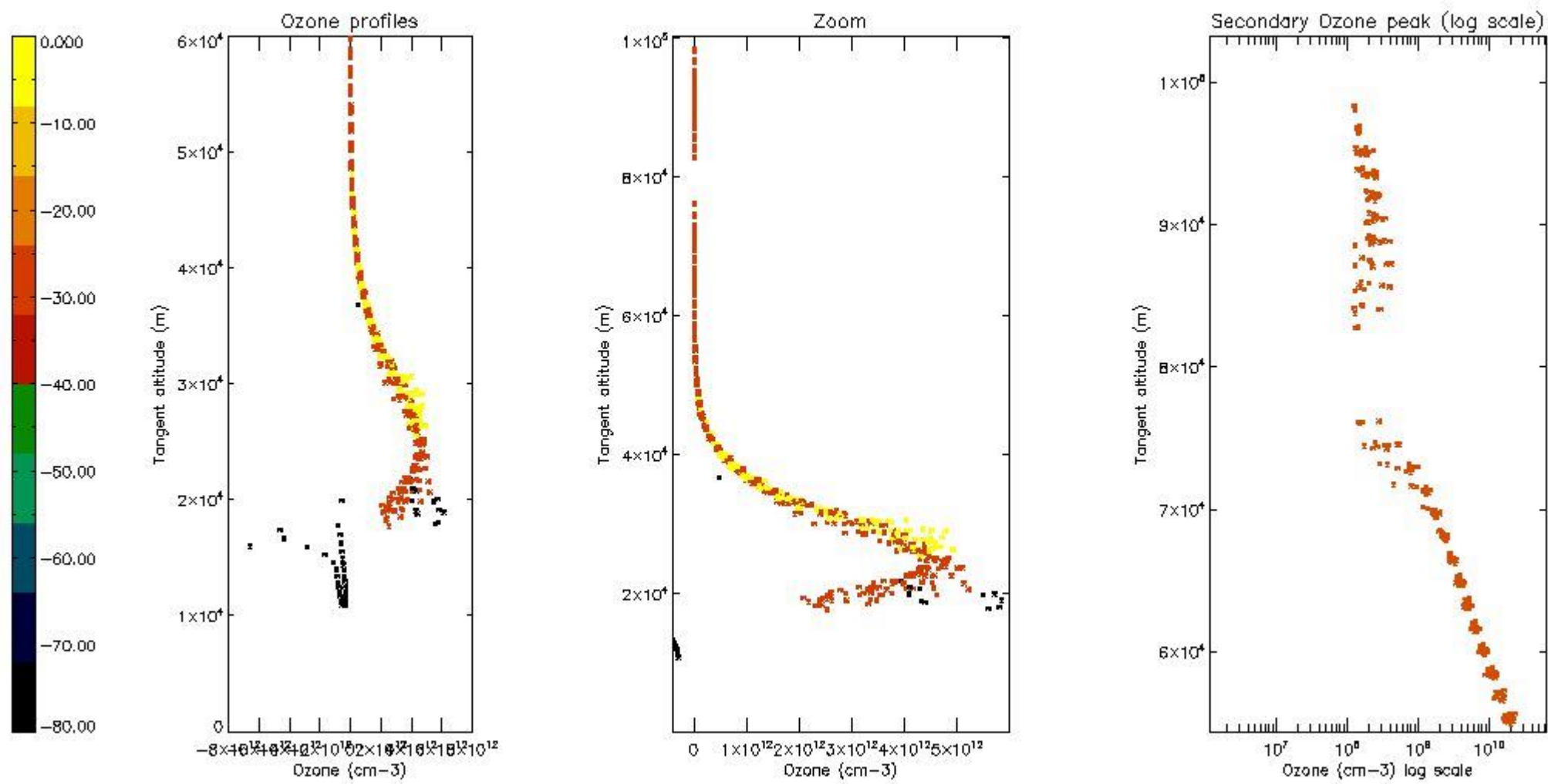
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



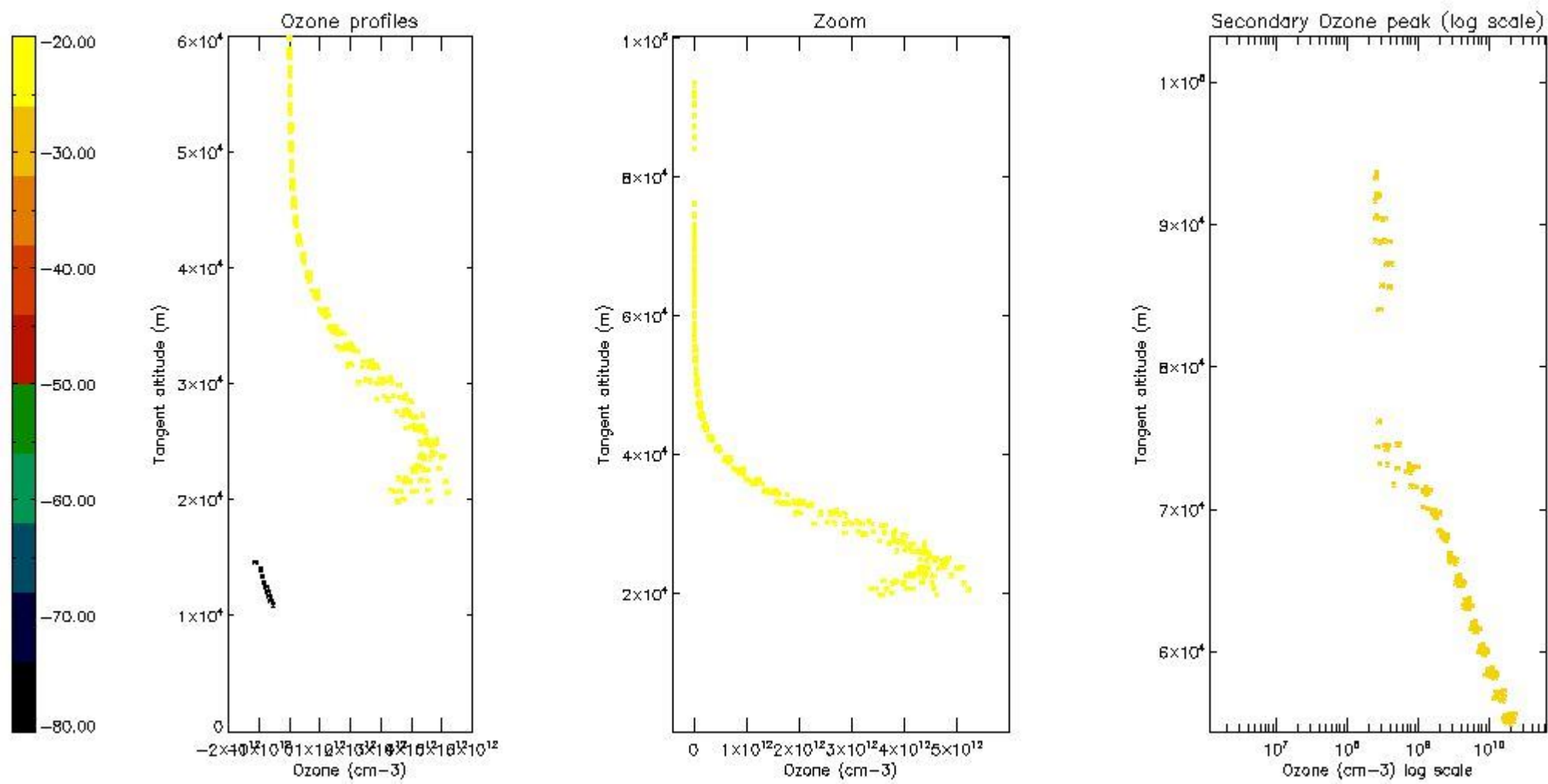
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



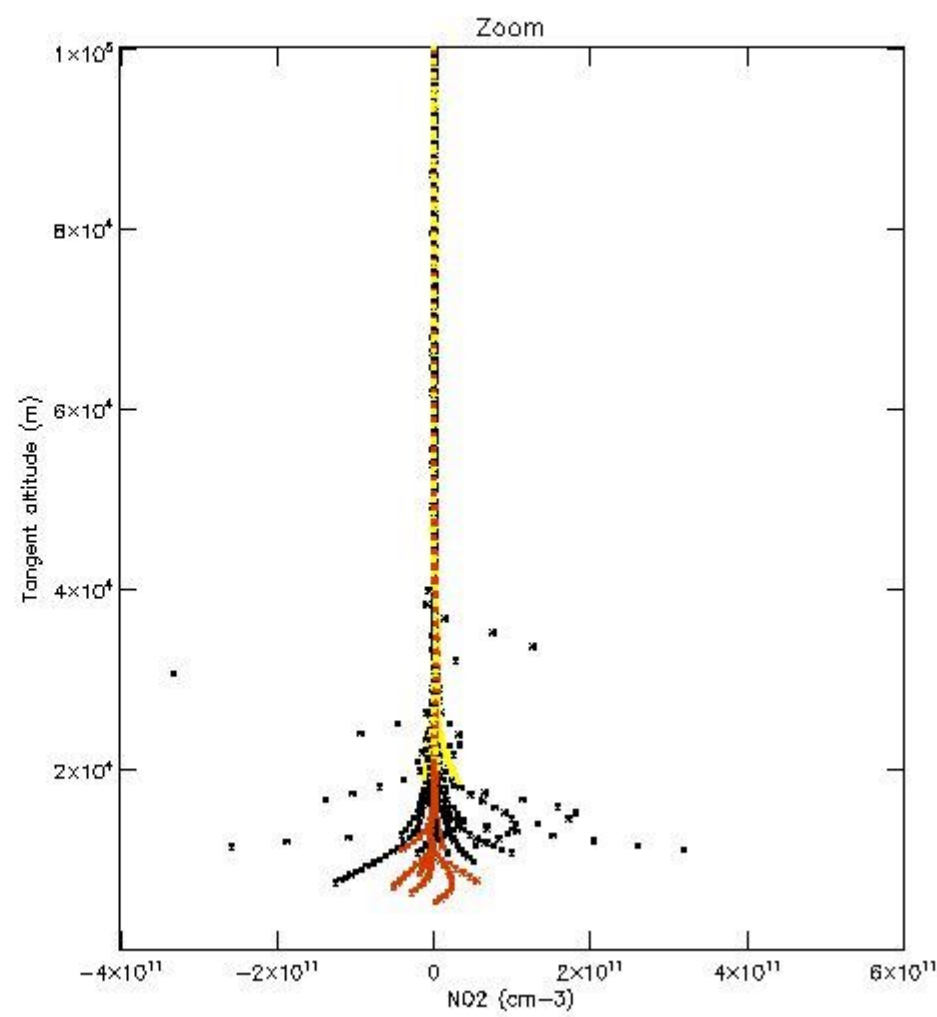
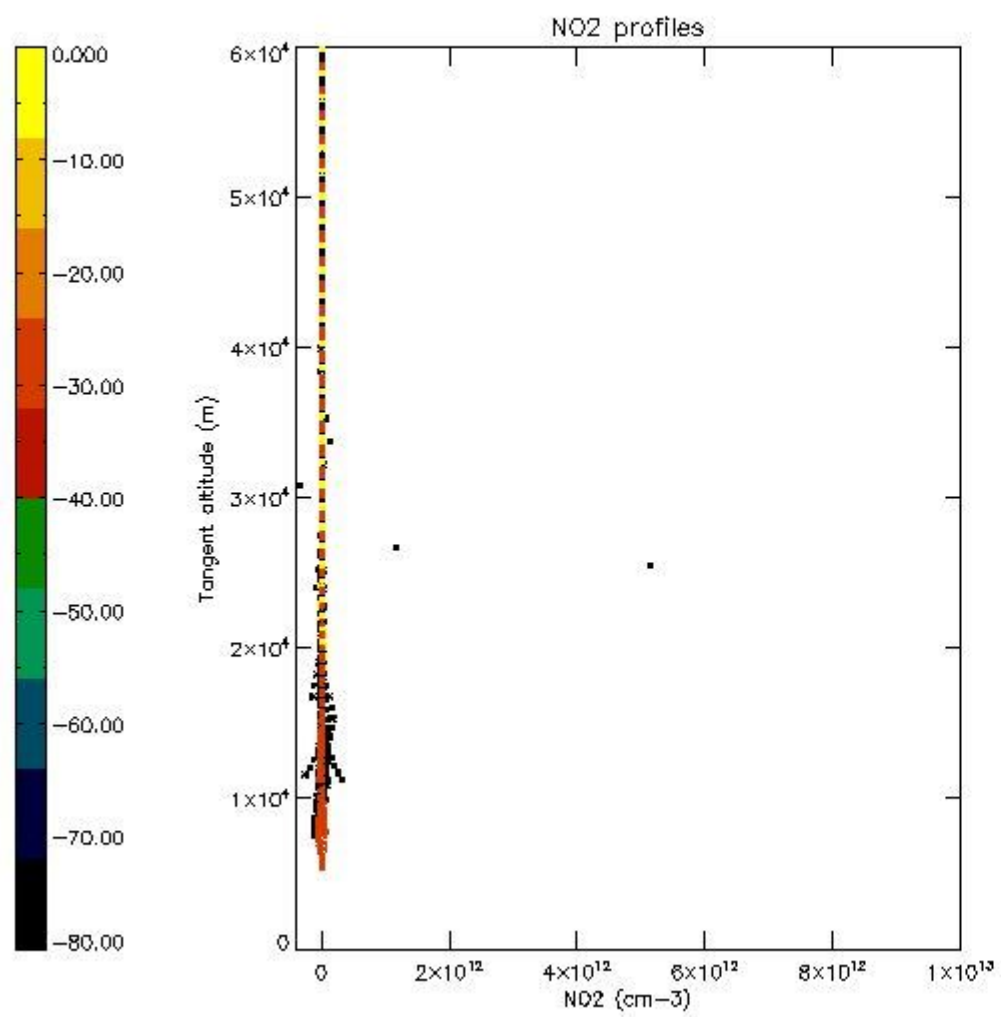
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



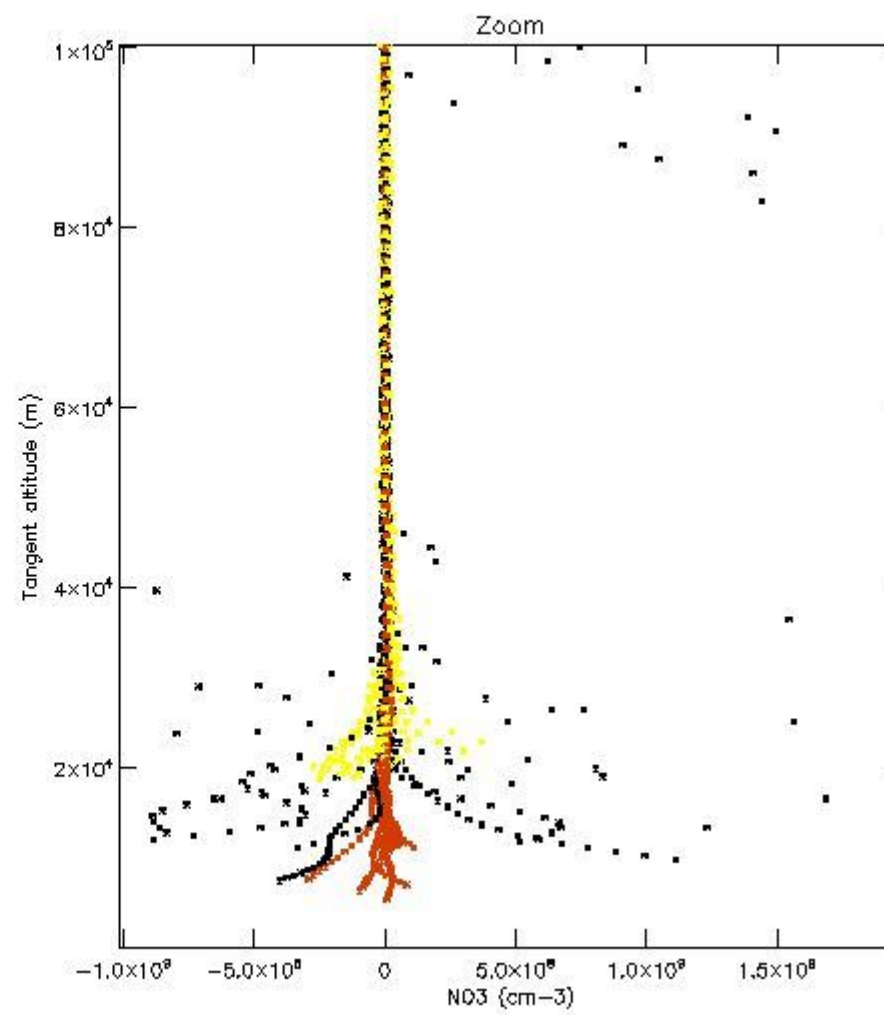
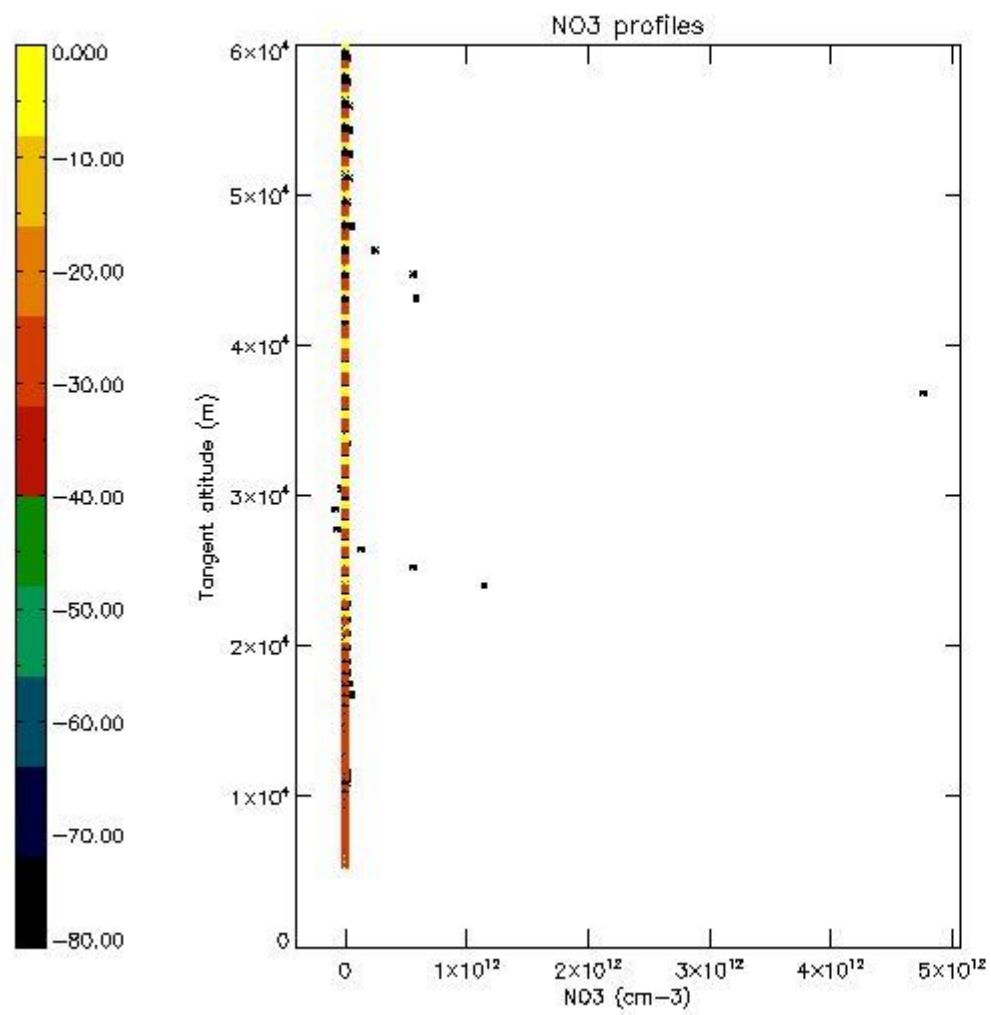
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	21-JUN-2007 00:02:11
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	21-JUN-2007 00:02:11
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	21-JUN-2007 00:02:11

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Item	Value
Time of report generation	22APR2013 20:59:12
Data source version	GOMOS/6.01
Start time of products	21-06-2007 (21JUN2007 00:00:00)
Stop time of products	22-06-2007 (22JUN2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	277
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__2PRFIN20070621_000211_000000382059_00131_27740_1591.N1	21-JUN-2007 00:02:11	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	27740	No
2	GOM_NL__2PRFIN20070621_001312_000000412059_00131_27740_1592.N1	21-JUN-2007 00:13:12	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	27740	No
3	GOM_NL__2PRFIN20070621_001436_000000402059_00131_27740_1593.N1	21-JUN-2007 00:14:36	Straylight	39.500	147	Alp Ara	2.8770	26000.	79	27740	No
4	GOM_NL__2PRFIN20070621_001622_000000412059_00131_27740_1594.N1	21-JUN-2007 00:16:22	Twilight_and_stray	40.500	40	The Sco	1.8590	7100.0	81	27740	No
5	GOM_NL__2PRFIN20070621_001804_000000422059_00131_27740_1595.N1	21-JUN-2007 00:18:04	Twilight_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	27740	No
6	GOM_NL__2PRFIN20070621_001927_000000522059_00131_27740_1596.N1	21-JUN-2007 00:19:27	Bright	52.000	75	26Eps Sco	2.2910	4250.0	104	27740	No
7	GOM_NL__2PRFIN20070621_002210_000000362059_00131_27740_1597.N1	21-JUN-2007 00:22:10	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	27740	No
8	GOM_NL__2PRFIN20070621_002429_000000382059_00131_27740_1598.N1	21-JUN-2007 00:24:29	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27740	No
9	GOM_NL__2PRFIN20070621_002613_000000372059_00131_27740_1599.N1	21-JUN-2007 00:26:13	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27740	No
10	GOM_NL__2PRFIN20070621_002819_000000362059_00131_27740_1600.N1	21-JUN-2007 00:28:19	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27740	No
11	GOM_NL__2PRFIN20070621_003125_000000352059_00131_27740_1601.N1	21-JUN-2007 00:31:25	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	27740	No
12	GOM_NL__2PRFIN20070621_003521_000000372059_00131_27740_1602.N1	21-JUN-2007 00:35:21	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27740	No
13	GOM_NL__2PRFIN20070621_003706_000000362059_00131_27740_1603.N1	21-JUN-2007 00:37:06	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	27740	No
14	GOM_NL__2PRFIN20070621_004642_000000352059_00131_27740_1604.N1	21-JUN-2007 00:46:42	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	27740	No
15	GOM_NL__2PRFIN20070621_005022_000000372059_00131_27740_1605.N1	21-JUN-2007 00:50:22	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27740	No
16	GOM_NL__2PRFIN20070621_005453_000000332059_00131_27740_1606.N1	21-JUN-2007 00:54:53	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	27740	No
17	GOM_NL__2PRFIN20070621_010512_000000352059_00131_27740_1607.N1	21-JUN-2007 01:05:12	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	27740	No
18	GOM_NL__2PRFIN20070621_011932_000000362059_00131_27740_1608.N1	21-JUN-2007 01:19:32	Dark	35.500	94	92Alp Cet	2.5260	3100.0	71	27740	No
19	GOM_NL__2PRFIN20070621_013733_000000382059_00131_27740_1609.N1	21-JUN-2007 01:37:33	Dark	38.000	9	Alp Eri	0.45300	24000.	76	27740	No
20	GOM_NL__2PRFIN20070621_014247_000000362059_00132_27741_1604.N1	21-JUN-2007 01:42:47	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27741	No
21	GOM_NL__2PRFIN20070621_015349_000000392059_00132_27741_1605.N1	21-JUN-2007 01:53:49	Straylight	38.500	141	Bet Ara	2.8400	4600.0	77	27741	No
22	GOM_NL__2PRFIN20070621_015512_000000392059_00132_27741_1606.N1	21-JUN-2007 01:55:12	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	27741	No
23	GOM_NL__2PRFIN20070621_015658_000000422059_00132_27741_1607.N1	21-JUN-2007 01:56:58	Twilight_and_stray	42.000	40	The Sco	1.8590	7100.0	84	27741	No
24	GOM_NL__2PRFIN20070621_015840_000000402059_00132_27741_1608.N1	21-JUN-2007 01:58:40	Twilight_and_stray	40.000	25	35Lam Sco	1.6200	28000.	80	27741	No
25	GOM_NL__2PRFIN20070621_020003_000000402059_00132_27741_1609.N1	21-JUN-2007 02:00:03	Bright	39.500	75	26Eps Sco	2.2910	4250.0	79	27741	No
26	GOM_NL__2PRFIN20070621_020246_000000372059_00132_27741_1610.N1	21-JUN-2007 02:02:46	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27741	No
27	GOM_NL__2PRFIN20070621_020505_000000382059_00132_27741_1611.N1	21-JUN-2007 02:05:05	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27741	No
28	GOM_NL__2PRFIN20070621_020649_000000372059_00132_27741_1612.N1	21-JUN-2007 02:06:49	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27741	No
29	GOM_NL__2PRFIN20070621_020855_000000362059_00132_27741_1613.N1	21-JUN-2007 02:08:55	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	27741	No
30	GOM_NL__2PRFIN20070621_021201_000000352059_00132_27741_1614.N1	21-JUN-2007 02:12:01	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	27741	No
31	GOM_NL__2PRFIN20070621_021557_000000362059_00132_27741_1615.N1	21-JUN-2007 02:15:57	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	27741	No
32	GOM_NL__2PRFIN20070621_021742_000000362059_00132_27741_1616.N1	21-JUN-2007 02:17:42	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	27741	No
33	GOM_NL__2PRFIN20070621_022718_000000352059_00132_27741_1617.N1	21-JUN-2007 02:27:18	Bright	34.500	119	14Eta Dra	2.7270	4700.0	69	27741	No
34	GOM_NL__2PRFIN20070621_023058_000000372059_00132_27741_1618.N1	21-JUN-2007 02:30:58	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27741	No
35	GOM_NL__2PRFIN20070621_023529_000000342059_00132_27741_1619.N1	21-JUN-2007 02:35:29	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	27741	No
36	GOM_NL__2PRFIN20070621_024548_000000532059_00132_27741_1620.N1	21-JUN-2007 02:45:48	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27741	No
37	GOM_NL__2PRFIN20070621_030008_000000462059_00132_27741_1621.N1	21-JUN-2007 03:00:08	Dark	45.500	94	92Alp Cet	2.5260	3100.0	91	27741	No
38	GOM_NL__2PRFIN20070621_031810_000000442059_00132_27741_1622.N1	21-JUN-2007 03:18:10	Dark	44.000	9	Alp Eri	0.45300	24000.	88	27741	No
39	GOM_NL__2PRFIN20070621_032323_000000352059_00133_27742_1616.N1	21-JUN-2007 03:23:23	Dark	35.000	135	Bet Hyi	2.8200	5800.0	70	27742	No
40	GOM_NL__2PRFIN20070621_033425_000000382059_00133_27742_1617.N1	21-JUN-2007 03:34:25	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	27742	No
41	GOM_NL__2PRFIN20070621_033549_000000392059_00133_27742_1618.N1	21-JUN-2007 03:35:49	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	27742	No
42	GOM_NL__2PRFIN20070621_033735_000000402059_00133_27742_1619.N1	21-JUN-2007 03:37:35	Twilight_and_stray	39.500	40	The Sco	1.8590	7100.0	79	27742	No

43	GOM_NL__2PRFIN20070621_033916_000000432059_00133_27742_1620.N1	21-JUN-2007 03:39:16	Twilight	42.500	25	35Lam Sco	1.6200	28000.	85	27742	No
44	GOM_NL__2PRFIN20070621_034039_000000522059_00133_27742_1621.N1	21-JUN-2007 03:40:39	Bright	52.000	75	26Eps Sco	2.2910	4250.0	104	27742	No
45	GOM_NL__2PRFIN20070621_034323_000000372059_00133_27742_1622.N1	21-JUN-2007 03:43:23	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27742	No
46	GOM_NL__2PRFIN20070621_034542_000000382059_00133_27742_1623.N1	21-JUN-2007 03:45:42	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27742	No
47	GOM_NL__2PRFIN20070621_034725_000000362059_00133_27742_1624.N1	21-JUN-2007 03:47:25	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27742	No
48	GOM_NL__2PRFIN20070621_034931_000000362059_00133_27742_1625.N1	21-JUN-2007 03:49:31	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27742	No
49	GOM_NL__2PRFIN20070621_035237_000000372059_00133_27742_1626.N1	21-JUN-2007 03:52:37	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	27742	No
50	GOM_NL__2PRFIN20070621_035633_000000352059_00133_27742_1627.N1	21-JUN-2007 03:56:33	Bright	35.000	127	27Bet Her	2.7810	4700.0	70	27742	No
51	GOM_NL__2PRFIN20070621_035818_000000352059_00133_27742_1628.N1	21-JUN-2007 03:58:18	Bright	34.500	67	5Alp CrB	2.2210	11000.	69	27742	No
52	GOM_NL__2PRFIN20070621_040754_000000372059_00133_27742_1629.N1	21-JUN-2007 04:07:54	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27742	No
53	GOM_NL__2PRFIN20070621_041134_000000342059_00133_27742_1630.N1	21-JUN-2007 04:11:34	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	27742	No
54	GOM_NL__2PRFIN20070621_041605_000000352059_00133_27742_1631.N1	21-JUN-2007 04:16:05	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27742	No
55	GOM_NL__2PRFIN20070621_042624_000000352059_00133_27742_1632.N1	21-JUN-2007 04:26:24	Bright	34.500	160	23Gam Per	2.9300	4700.0	69	27742	No
56	GOM_NL__2PRFIN20070621_044044_000000452059_00133_27742_1633.N1	21-JUN-2007 04:40:44	Dark	45.000	94	92Alp Cet	2.5260	3100.0	90	27742	No
57	GOM_NL__2PRFIN20070621_045846_000000432059_00133_27742_1634.N1	21-JUN-2007 04:58:46	Dark	42.500	9	Alp Eri	0.45300	24000.	85	27742	No
58	GOM_NL__2PRFIN20070621_050359_000000372059_00134_27743_1627.N1	21-JUN-2007 05:03:59	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	27743	No
59	GOM_NL__2PRFIN20070621_051501_000000422059_00134_27743_1628.N1	21-JUN-2007 05:15:01	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	27743	No
60	GOM_NL__2PRFIN20070621_051625_000000382059_00134_27743_1629.N1	21-JUN-2007 05:16:25	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27743	No
61	GOM_NL__2PRFIN20070621_051811_000000422059_00134_27743_1630.N1	21-JUN-2007 05:18:11	Twilight	42.000	40	The Sco	1.8590	7100.0	84	27743	No
62	GOM_NL__2PRFIN20070621_051953_000000432059_00134_27743_1631.N1	21-JUN-2007 05:19:53	Twilight	42.500	25	35Lam Sco	1.6200	28000.	85	27743	No
63	GOM_NL__2PRFIN20070621_052115_000000392059_00134_27743_1632.N1	21-JUN-2007 05:21:15	Bright	39.000	75	26Eps Sco	2.2910	4250.0	78	27743	No
64	GOM_NL__2PRFIN20070621_052359_000000372059_00134_27743_1633.N1	21-JUN-2007 05:23:59	Bright	37.000	156	20Sig Sco	2.9030	28000.	74	27743	No
65	GOM_NL__2PRFIN20070621_052618_000000372059_00134_27743_1634.N1	21-JUN-2007 05:26:18	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27743	No
66	GOM_NL__2PRFIN20070621_052802_000000362059_00134_27743_1635.N1	21-JUN-2007 05:28:02	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27743	No
67	GOM_NL__2PRFIN20070621_053008_000000362059_00134_27743_1636.N1	21-JUN-2007 05:30:08	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27743	No
68	GOM_NL__2PRFIN20070621_053313_000000362059_00134_27743_1637.N1	21-JUN-2007 05:33:13	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27743	No
69	GOM_NL__2PRFIN20070621_053709_000000372059_00134_27743_1638.N1	21-JUN-2007 05:37:09	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27743	No
70	GOM_NL__2PRFIN20070621_053854_000000372059_00134_27743_1639.N1	21-JUN-2007 05:38:54	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	27743	No
71	GOM_NL__2PRFIN20070621_054830_000000372059_00134_27743_1640.N1	21-JUN-2007 05:48:30	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27743	No
72	GOM_NL__2PRFIN20070621_055210_000000352059_00134_27743_1641.N1	21-JUN-2007 05:52:10	Bright	34.500	60	7Bet UMi	2.0810	3950.0	69	27743	No
73	GOM_NL__2PRFIN20070621_055641_000000342059_00134_27743_1642.N1	21-JUN-2007 05:56:41	Bright	33.500	49	1Alp UMi	1.9900	6300.0	67	27743	No
74	GOM_NL__2PRFIN20070621_060700_000000532059_00134_27743_1643.N1	21-JUN-2007 06:07:00	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27743	No
75	GOM_NL__2PRFIN20070621_062121_000000402059_00134_27743_1644.N1	21-JUN-2007 06:21:21	Dark	39.500	94	92Alp Cet	2.5260	3100.0	79	27743	No
76	GOM_NL__2PRFIN20070621_063922_000000442059_00134_27743_1645.N1	21-JUN-2007 06:39:22	Dark	43.500	9	Alp Eri	0.45300	24000.	87	27743	No
77	GOM_NL__2PRFIN20070621_064436_000000362059_00135_27744_1636.N1	21-JUN-2007 06:44:36	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	27744	No
78	GOM_NL__2PRFIN20070621_065537_000000422059_00135_27744_1637.N1	21-JUN-2007 06:55:37	Straylight	41.500	141	Bet Ara	2.8400	4600.0	83	27744	No
79	GOM_NL__2PRFIN20070621_065701_000000382059_00135_27744_1638.N1	21-JUN-2007 06:57:01	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	27744	No
80	GOM_NL__2PRFIN20070621_065847_000000442059_00135_27744_1639.N1	21-JUN-2007 06:58:47	Twilight	43.500	40	The Sco	1.8590	7100.0	87	27744	No
81	GOM_NL__2PRFIN20070621_070029_000000452059_00135_27744_1640.N1	21-JUN-2007 07:00:29	Twilight	44.500	25	35Lam Sco	1.6200	28000.	89	27744	No
82	GOM_NL__2PRFIN20070621_070151_000000522059_00135_27744_1641.N1	21-JUN-2007 07:01:51	Bright	52.000	75	26Eps Sco	2.2910	4250.0	104	27744	No
83	GOM_NL__2PRFIN20070621_070435_000000372059_00135_27744_1642.N1	21-JUN-2007 07:04:35	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27744	No
84	GOM_NL__2PRFIN20070621_070654_000000382059_00135_27744_1643.N1	21-JUN-2007 07:06:54	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27744	No
85	GOM_NL__2PRFIN20070621_070837_000000362059_00135_27744_1644.N1	21-JUN-2007 07:08:37	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27744	No
86	GOM_NL__2PRFIN20070621_071044_000000372059_00135_27744_1645.N1	21-JUN-2007 07:10:44	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27744	No
87	GOM_NL__2PRFIN20070621_071350_000000362059_00135_27744_1646.N1	21-JUN-2007 07:13:50	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27744	No
88	GOM_NL__2PRFIN20070621_071745_000000362059_00135_27744_1647.N1	21-JUN-2007 07:17:45	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	27744	No
89	GOM_NL__2PRFIN20070621_071930_000000362059_00135_27744_1648.N1	21-JUN-2007 07:19:30	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	27744	No
90	GOM_NL__2PRFIN20070621_072906_000000372059_00135_27744_1649.N1	21-JUN-2007 07:29:06	Bright	37.000	119	14Eta Dra	2.7270	4700.0	74	27744	No
91	GOM_NL__2PRFIN20070621_073246_000000362059_00135_27744_1650.N1	21-JUN-2007 07:32:46	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	27744	No
92	GOM_NL__2PRFIN20070621_073717_000000362059_00135_27744_1651.N1	21-JUN-2007 07:37:17	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27744	No
93	GOM_NL__2PRFIN20070621_074736_000000532059_00135_27744_1652.N1	21-JUN-2007 07:47:36	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27744	No
94	GOM_NL__2PRFIN20070621_080157_000000432059_00135_27744_1653.N1	21-JUN-2007 08:01:57	Dark	42.500	94	92Alp Cet	2.5260	3100.0	85	27744	No
95	GOM_NL__2PRFIN20070621_081959_000000432059_00135_27744_1654.N1	21-JUN-2007 08:19:59	Dark	42.500	9	Alp Eri	0.45300	24000.	85	27744	No
96	GOM_NL__2PRFIN20070621_082512_000000362059_00136_27745_1716.N1	21-JUN-2007 08:25:12	Dark	36.000	135	Bet Hyi	2.8200	5800.0	72	27745	No
97	GOM_NL__2PRFIN20070621_083613_000000402059_00136_27745_1717.N1	21-JUN-2007 08:36:13	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	27745	No
98	GOM_NL__2PRFIN20070621_083738_000000392059_00136_27745_1718.N1	21-JUN-2007 08:37:38	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	27745	No
99	GOM_NL__2PRFIN20070621_083924_000000422059_00136_27745_1719.N1	21-JUN-2007 08:39:24	Twilight	42.000	40	The Sco	1.8590	7100.0	84	27745	No
100	GOM_NL__2PRFIN20070621_084105_000000422059_00136_27745_1720.N1	21-JUN-2007 08:41:05	Twilight	42.000	25	35Lam Sco	1.6200	28000.	84	27745	No
101	GOM_NL__2PRFIN20070621_084227_000000412059_00136_27745_1721.N1	21-JUN-2007 08:42:27	Bright	41.000	75	26Eps Sco	2.2910	4250.0	82	27745	No

102	GOM_NL__2PRFIN20070621_084511_000000372059_00136_27745_1722.N1	21-JUN-2007 08:45:11	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27745	No
103	GOM_NL__2PRFIN20070621_084730_000000382059_00136_27745_1723.N1	21-JUN-2007 08:47:30	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27745	No
104	GOM_NL__2PRFIN20070621_084914_000000362059_00136_27745_1724.N1	21-JUN-2007 08:49:14	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27745	No
105	GOM_NL__2PRFIN20070621_085120_000000362059_00136_27745_1725.N1	21-JUN-2007 08:51:20	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27745	No
106	GOM_NL__2PRFIN20070621_085426_000000372059_00136_27745_1726.N1	21-JUN-2007 08:54:26	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	27745	No
107	GOM_NL__2PRFIN20070621_085821_000000372059_00136_27745_1727.N1	21-JUN-2007 08:58:21	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27745	No
108	GOM_NL__2PRFIN20070621_090006_000000362059_00136_27745_1728.N1	21-JUN-2007 09:00:06	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	27745	No
109	GOM_NL__2PRFIN20070621_090942_000000362059_00136_27745_1729.N1	21-JUN-2007 09:09:42	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27745	No
110	GOM_NL__2PRFIN20070621_091322_000000342059_00136_27745_1730.N1	21-JUN-2007 09:13:22	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	27745	No
111	GOM_NL__2PRFIN20070621_091753_000000362059_00136_27745_1731.N1	21-JUN-2007 09:17:53	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27745	No
112	GOM_NL__2PRFIN20070621_092812_000000532059_00136_27745_1732.N1	21-JUN-2007 09:28:12	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27745	No
113	GOM_NL__2PRFIN20070621_094233_000000372059_00136_27745_1733.N1	21-JUN-2007 09:42:33	Dark	36.500	94	92Alp Cet	2.5260	3100.0	73	27745	No
114	GOM_NL__2PRFIN20070621_100035_000000482059_00136_27745_1734.N1	21-JUN-2007 10:00:35	Dark	47.500	9	Alp Eri	0.45300	24000.	95	27745	No
115	GOM_NL__2PRFIN20070621_100548_000000372059_00137_27746_1712.N1	21-JUN-2007 10:05:48	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	27746	No
116	GOM_NL__2PRFIN20070621_101650_000000412059_00137_27746_1713.N1	21-JUN-2007 10:16:50	Straylight	40.500	141	Bet Ara	2.8400	4600.0	81	27746	No
117	GOM_NL__2PRFIN20070621_101814_000000392059_00137_27746_1714.N1	21-JUN-2007 10:18:14	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	27746	No
118	GOM_NL__2PRFIN20070621_102000_000000412059_00137_27746_1715.N1	21-JUN-2007 10:20:00	Twi_and_stray	40.500	40	The Sco	1.8590	7100.0	81	27746	No
119	GOM_NL__2PRFIN20070621_102141_000000412059_00137_27746_1716.N1	21-JUN-2007 10:21:41	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	27746	No
120	GOM_NL__2PRFIN20070621_102304_000000412059_00137_27746_1717.N1	21-JUN-2007 10:23:04	Bright	40.500	75	26Eps Sco	2.2910	4250.0	81	27746	No
121	GOM_NL__2PRFIN20070621_102547_000000372059_00137_27746_1718.N1	21-JUN-2007 10:25:47	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27746	No
122	GOM_NL__2PRFIN20070621_102806_000000382059_00137_27746_1719.N1	21-JUN-2007 10:28:06	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27746	No
123	GOM_NL__2PRFIN20070621_102950_000000362059_00137_27746_1720.N1	21-JUN-2007 10:29:50	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27746	No
124	GOM_NL__2PRFIN20070621_103156_000000362059_00137_27746_1721.N1	21-JUN-2007 10:31:56	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	27746	No
125	GOM_NL__2PRFIN20070621_103502_000000372059_00137_27746_1722.N1	21-JUN-2007 10:35:02	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	27746	No
126	GOM_NL__2PRFIN20070621_103857_000000372059_00137_27746_1723.N1	21-JUN-2007 10:38:57	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27746	No
127	GOM_NL__2PRFIN20070621_104042_000000352059_00137_27746_1724.N1	21-JUN-2007 10:40:42	Bright	35.000	67	5Alp CrB	2.2210	11000.	70	27746	No
128	GOM_NL__2PRFIN20070621_105017_000000362059_00137_27746_1725.N1	21-JUN-2007 10:50:17	Bright	35.500	119	14Eta Dra	2.7270	4700.0	71	27746	No
129	GOM_NL__2PRFIN20070621_105358_000000372059_00137_27746_1726.N1	21-JUN-2007 10:53:58	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27746	No
130	GOM_NL__2PRFIN20070621_105829_000000362059_00137_27746_1727.N1	21-JUN-2007 10:58:29	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27746	No
131	GOM_NL__2PRFIN20070621_110848_000000342059_00137_27746_1728.N1	21-JUN-2007 11:08:48	Bright	33.500	160	23Gam Per	2.9300	4700.0	67	27746	No
132	GOM_NL__2PRFIN20070621_112309_000000362059_00137_27746_1729.N1	21-JUN-2007 11:23:09	Dark	36.000	94	92Alp Cet	2.5260	3100.0	72	27746	No
133	GOM_NL__2PRFIN20070621_114111_000000442059_00137_27746_1730.N1	21-JUN-2007 11:41:11	Dark	44.000	9	Alp Eri	0.45300	24000.	88	27746	No
134	GOM_NL__2PRFIN20070621_114624_000000362059_00138_27747_1703.N1	21-JUN-2007 11:46:24	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27747	No
135	GOM_NL__2PRFIN20070621_115726_000000392059_00138_27747_1704.N1	21-JUN-2007 11:57:26	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	27747	No
136	GOM_NL__2PRFIN20070621_115850_000000382059_00138_27747_1705.N1	21-JUN-2007 11:58:50	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27747	No
137	GOM_NL__2PRFIN20070621_120036_000000422059_00138_27747_1706.N1	21-JUN-2007 12:00:36	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	27747	No
138	GOM_NL__2PRFIN20070621_120217_000000432059_00138_27747_1707.N1	21-JUN-2007 12:02:17	Twi_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	27747	No
139	GOM_NL__2PRFIN20070621_120340_000000452059_00138_27747_1708.N1	21-JUN-2007 12:03:40	Bright	45.000	75	26Eps Sco	2.2910	4250.0	90	27747	No
140	GOM_NL__2PRFIN20070621_120623_000000362059_00138_27747_1709.N1	21-JUN-2007 12:06:23	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27747	No
141	GOM_NL__2PRFIN20070621_120842_000000382059_00138_27747_1710.N1	21-JUN-2007 12:08:42	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27747	No
142	GOM_NL__2PRFIN20070621_121026_000000362059_00138_27747_1711.N1	21-JUN-2007 12:10:26	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	27747	No
143	GOM_NL__2PRFIN20070621_121232_000000362059_00138_27747_1712.N1	21-JUN-2007 12:12:32	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27747	No
144	GOM_NL__2PRFIN20070621_121538_000000372059_00138_27747_1713.N1	21-JUN-2007 12:15:38	Bright	36.500	102	24Alp Ser	2.6000	4250.0	73	27747	No
145	GOM_NL__2PRFIN20070621_121933_000000372059_00138_27747_1714.N1	21-JUN-2007 12:19:33	Bright	36.500	127	27Bet Her	2.7810	4700.0	73	27747	No
146	GOM_NL__2PRFIN20070621_122119_000000362059_00138_27747_1715.N1	21-JUN-2007 12:21:19	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	27747	No
147	GOM_NL__2PRFIN20070621_123053_000000372059_00138_27747_1716.N1	21-JUN-2007 12:30:53	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27747	No
148	GOM_NL__2PRFIN20070621_123434_000000372059_00138_27747_1717.N1	21-JUN-2007 12:34:34	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27747	No
149	GOM_NL__2PRFIN20070621_123905_000000362059_00138_27747_1718.N1	21-JUN-2007 12:39:05	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	27747	No
150	GOM_NL__2PRFIN20070621_124924_000000422059_00138_27747_1719.N1	21-JUN-2007 12:49:24	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	27747	No
151	GOM_NL__2PRFIN20070621_130345_000000462059_00138_27747_1720.N1	21-JUN-2007 13:03:45	Dark	45.500	94	92Alp Cet	2.5260	3100.0	91	27747	No
152	GOM_NL__2PRFIN20070621_132148_000000502059_00138_27747_1721.N1	21-JUN-2007 13:21:48	Dark	49.500	9	Alp Eri	0.45300	24000.	99	27747	No
153	GOM_NL__2PRFIN20070621_132700_000000382059_00139_27748_1724.N1	21-JUN-2007 13:27:00	Dark	37.500	135	Bet Hyi	2.8200	5800.0	75	27748	No
154	GOM_NL__2PRFIN20070621_133802_000000452059_00139_27748_1725.N1	21-JUN-2007 13:38:02	Straylight	44.500	141	Bet Ara	2.8400	4600.0	89	27748	No
155	GOM_NL__2PRFIN20070621_133926_000000382059_00139_27748_1726.N1	21-JUN-2007 13:39:26	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27748	No
156	GOM_NL__2PRFIN20070621_134112_000000432059_00139_27748_1727.N1	21-JUN-2007 13:41:12	Twi_and_stray	42.500	40	The Sco	1.8590	7100.0	85	27748	No
157	GOM_NL__2PRFIN20070621_134254_000000422059_00139_27748_1728.N1	21-JUN-2007 13:42:54	Twi_and_stray	42.000	25	35Lam Sco	1.6200	28000.	84	27748	No
158	GOM_NL__2PRFIN20070621_134416_000000432059_00139_27748_1729.N1	21-JUN-2007 13:44:16	Bright	42.500	75	26Eps Sco	2.2910	4250.0	85	27748	No
159	GOM_NL__2PRFIN20070621_134659_000000362059_00139_27748_1730.N1	21-JUN-2007 13:46:59	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	27748	No
160	GOM_NL__2PRFIN20070621_134918_000000372059_00139_27748_1731.N1	21-JUN-2007 13:49:18	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27748	No

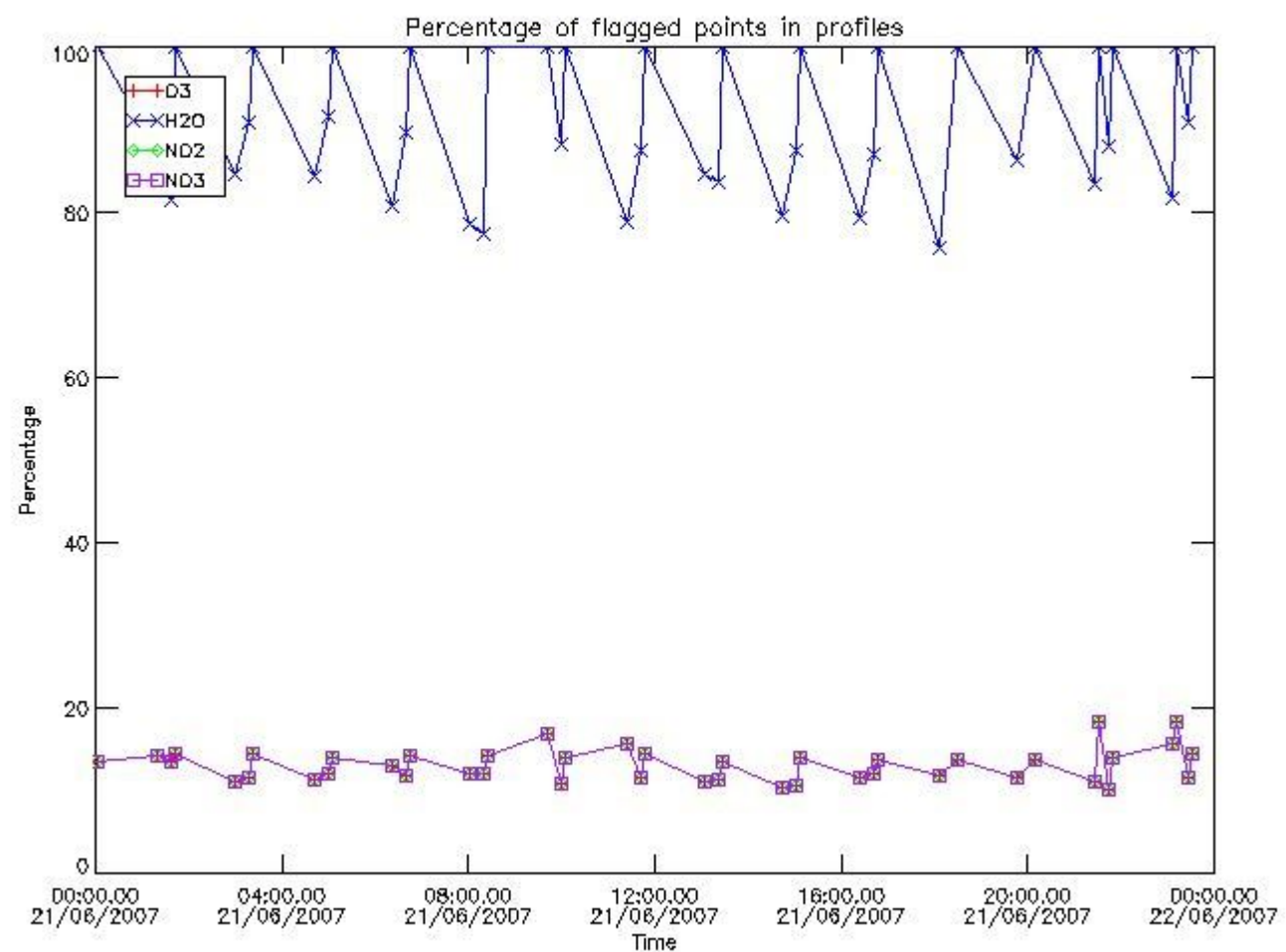
161	GOM_NL__2PRFIN20070621_135102_000000362059_00139_27748_1732.N1	21-JUN-2007 13:51:02	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27748	No
162	GOM_NL__2PRFIN20070621_135308_000000362059_00139_27748_1733.N1	21-JUN-2007 13:53:08	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27748	No
163	GOM_NL__2PRFIN20070621_135614_000000362059_00139_27748_1734.N1	21-JUN-2007 13:56:14	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27748	No
164	GOM_NL__2PRFIN20070621_140009_000000372059_00139_27748_1735.N1	21-JUN-2007 14:00:09	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27748	No
165	GOM_NL__2PRFIN20070621_140155_000000362059_00139_27748_1736.N1	21-JUN-2007 14:01:55	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	27748	No
166	GOM_NL__2PRFIN20070621_141129_000000532059_00139_27748_1737.N1	21-JUN-2007 14:11:29	Bright	53.000	119	14Eta Dra	2.7270	4700.0	106	27748	No
167	GOM_NL__2PRFIN20070621_141510_000000372059_00139_27748_1738.N1	21-JUN-2007 14:15:10	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	27748	No
168	GOM_NL__2PRFIN20070621_141941_000000342059_00139_27748_1739.N1	21-JUN-2007 14:19:41	Bright	34.000	49	1Alp UMi	1.9900	6300.0	68	27748	No
169	GOM_NL__2PRFIN20070621_143000_000000532059_00139_27748_1740.N1	21-JUN-2007 14:30:00	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27748	No
170	GOM_NL__2PRFIN20070621_144422_000000492059_00139_27748_1741.N1	21-JUN-2007 14:44:22	Dark	49.000	94	92Alp Cet	2.5260	3100.0	98	27748	No
171	GOM_NL__2PRFIN20070621_150224_000000492059_00139_27748_1742.N1	21-JUN-2007 15:02:24	Dark	48.500	9	Alp Eri	0.45300	24000.	97	27748	No
172	GOM_NL__2PRFIN20070621_150736_000000372059_00140_27749_1834.N1	21-JUN-2007 15:07:36	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	27749	No
173	GOM_NL__2PRFIN20070621_151838_000000382059_00140_27749_1835.N1	21-JUN-2007 15:18:38	Straylight	38.000	141	Bet Ara	2.8400	4600.0	76	27749	No
174	GOM_NL__2PRFIN20070621_152002_000000402059_00140_27749_1836.N1	21-JUN-2007 15:20:02	Straylight	40.000	147	Alp Ara	2.8770	26000.	80	27749	No
175	GOM_NL__2PRFIN20070621_152148_000000422059_00140_27749_1837.N1	21-JUN-2007 15:21:48	Twi_and_stray	42.000	40	The Sco	1.8590	7100.0	84	27749	No
176	GOM_NL__2PRFIN20070621_152330_000000412059_00140_27749_1838.N1	21-JUN-2007 15:23:30	Twi_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	27749	No
177	GOM_NL__2PRFIN20070621_152452_000000422059_00140_27749_1839.N1	21-JUN-2007 15:24:52	Bright	42.000	75	26Eps Sco	2.2910	4250.0	84	27749	No
178	GOM_NL__2PRFIN20070621_152735_000000372059_00140_27749_1840.N1	21-JUN-2007 15:27:35	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27749	No
179	GOM_NL__2PRFIN20070621_152954_000000372059_00140_27749_1841.N1	21-JUN-2007 15:29:54	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27749	No
180	GOM_NL__2PRFIN20070621_153138_000000372059_00140_27749_1842.N1	21-JUN-2007 15:31:38	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27749	No
181	GOM_NL__2PRFIN20070621_153344_000000362059_00140_27749_1843.N1	21-JUN-2007 15:33:44	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27749	No
182	GOM_NL__2PRFIN20070621_153650_000000352059_00140_27749_1844.N1	21-JUN-2007 15:36:50	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	27749	No
183	GOM_NL__2PRFIN20070621_154045_000000352059_00140_27749_1845.N1	21-JUN-2007 15:40:45	Bright	34.500	127	27Bet Her	2.7810	4700.0	69	27749	No
184	GOM_NL__2PRFIN20070621_154231_000000372059_00140_27749_1846.N1	21-JUN-2007 15:42:31	Bright	36.500	67	5Alp CrB	2.2210	11000.	73	27749	No
185	GOM_NL__2PRFIN20070621_155205_000000382059_00140_27749_1847.N1	21-JUN-2007 15:52:05	Bright	37.500	119	14Eta Dra	2.7270	4700.0	75	27749	No
186	GOM_NL__2PRFIN20070621_155546_000000342059_00140_27749_1848.N1	21-JUN-2007 15:55:46	Bright	33.500	60	7Bet UMi	2.0810	3950.0	67	27749	No
187	GOM_NL__2PRFIN20070621_160017_000000362059_00140_27749_1849.N1	21-JUN-2007 16:00:17	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27749	No
188	GOM_NL__2PRFIN20070621_161036_000000532059_00140_27749_1850.N1	21-JUN-2007 16:10:36	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27749	No
189	GOM_NL__2PRFIN20070621_162458_000000442059_00140_27749_1851.N1	21-JUN-2007 16:24:58	Dark	44.000	94	92Alp Cet	2.5260	3100.0	88	27749	No
190	GOM_NL__2PRFIN20070621_164300_000000472059_00140_27749_1852.N1	21-JUN-2007 16:43:00	Dark	46.500	9	Alp Eri	0.45300	24000.	93	27749	No
191	GOM_NL__2PRFIN20070621_164812_000000372059_00141_27750_1848.N1	21-JUN-2007 16:48:12	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	27750	No
192	GOM_NL__2PRFIN20070621_165914_000000402059_00141_27750_1849.N1	21-JUN-2007 16:59:14	Straylight	39.500	141	Bet Ara	2.8400	4600.0	79	27750	No
193	GOM_NL__2PRFIN20070621_170038_000000382059_00141_27750_1850.N1	21-JUN-2007 17:00:38	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	27750	No
194	GOM_NL__2PRFIN20070621_170225_000000442059_00141_27750_1851.N1	21-JUN-2007 17:02:25	Twi_and_stray	43.500	40	The Sco	1.8590	7100.0	87	27750	No
195	GOM_NL__2PRFIN20070621_170406_000000432059_00141_27750_1852.N1	21-JUN-2007 17:04:06	Twi_and_stray	43.000	25	35Lam Sco	1.6200	28000.	86	27750	No
196	GOM_NL__2PRFIN20070621_170528_000000462059_00141_27750_1853.N1	21-JUN-2007 17:05:28	Bright	45.500	75	26Eps Sco	2.2910	4250.0	91	27750	No
197	GOM_NL__2PRFIN20070621_170811_000000372059_00141_27750_1854.N1	21-JUN-2007 17:08:11	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27750	No
198	GOM_NL__2PRFIN20070621_171030_000000382059_00141_27750_1855.N1	21-JUN-2007 17:10:30	Bright	37.500	86	35Eta Oph	2.4300	10200.	75	27750	No
199	GOM_NL__2PRFIN20070621_171214_000000372059_00141_27750_1856.N1	21-JUN-2007 17:12:14	Bright	36.500	98	13Zet Oph	2.5710	30000.	73	27750	No
200	GOM_NL__2PRFIN20070621_171420_000000362059_00141_27750_1857.N1	21-JUN-2007 17:14:20	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27750	No
201	GOM_NL__2PRFIN20070621_171726_000000352059_00141_27750_1858.N1	21-JUN-2007 17:17:26	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	27750	No
202	GOM_NL__2PRFIN20070621_172121_000000372059_00141_27750_1859.N1	21-JUN-2007 17:21:21	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27750	No
203	GOM_NL__2PRFIN20070621_172307_000000362059_00141_27750_1860.N1	21-JUN-2007 17:23:07	Bright	36.000	67	5Alp CrB	2.2210	11000.	72	27750	No
204	GOM_NL__2PRFIN20070621_173241_000000352059_00141_27750_1861.N1	21-JUN-2007 17:32:41	Bright	35.000	119	14Eta Dra	2.7270	4700.0	70	27750	No
205	GOM_NL__2PRFIN20070621_173622_000000362059_00141_27750_1862.N1	21-JUN-2007 17:36:22	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	27750	No
206	GOM_NL__2PRFIN20070621_174053_000000362059_00141_27750_1863.N1	21-JUN-2007 17:40:53	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27750	No
207	GOM_NL__2PRFIN20070621_175112_000000532059_00141_27750_1864.N1	21-JUN-2007 17:51:12	Bright	53.000	160	23Gam Per	2.9300	4700.0	106	27750	No
208	GOM_NL__2PRFIN20070621_180534_000000442059_00141_27750_1865.N1	21-JUN-2007 18:05:34	Dark	43.500	94	92Alp Cet	2.5260	3100.0	87	27750	No
209	GOM_NL__2PRFIN20070621_182849_000000372059_00142_27751_1863.N1	21-JUN-2007 18:28:49	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	27751	No
210	GOM_NL__2PRFIN20070621_183950_000000472059_00142_27751_1864.N1	21-JUN-2007 18:39:50	Straylight	46.500	141	Bet Ara	2.8400	4600.0	93	27751	No
211	GOM_NL__2PRFIN20070621_184115_000000382059_00142_27751_1865.N1	21-JUN-2007 18:41:15	Straylight	37.500	147	Alp Ara	2.8770	26000.	75	27751	No
212	GOM_NL__2PRFIN20070621_184301_000000432059_00142_27751_1866.N1	21-JUN-2007 18:43:01	Twi_and_stray	43.000	40	The Sco	1.8590	7100.0	86	27751	No
213	GOM_NL__2PRFIN20070621_184442_000000412059_00142_27751_1867.N1	21-JUN-2007 18:44:42	Twi_and_stray	41.000	25	35Lam Sco	1.6200	28000.	82	27751	No
214	GOM_NL__2PRFIN20070621_184604_000000522059_00142_27751_1868.N1	21-JUN-2007 18:46:04	Bright	52.000	75	26Eps Sco	2.2910	4250.0	104	27751	No
215	GOM_NL__2PRFIN20070621_184848_000000372059_00142_27751_1869.N1	21-JUN-2007 18:48:48	Bright	36.500	156	20Sig Sco	2.9030	28000.	73	27751	No
216	GOM_NL__2PRFIN20070621_185106_000000382059_00142_27751_1870.N1	21-JUN-2007 18:51:06	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27751	No
217	GOM_NL__2PRFIN20070621_185250_000000362059_00142_27751_1871.N1	21-JUN-2007 18:52:50	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27751	No
218	GOM_NL__2PRFIN20070621_185456_000000372059_00142_27751_1872.N1	21-JUN-2007 18:54:56	Bright	36.500	120	1Del Oph	2.7340	3200.0	73	27751	No
219	GOM_NL__2PRFIN20070621_185802_000000362059_00142_27751_1873.N1	21-JUN-2007 18:58:02	Bright	36.000	102	24Alp Ser	2.6000	4250.0	72	27751	No

220	GOM_NL__2PRFIN20070621_190157_000000372059_00142_27751_1874.N1	21-JUN-2007 19:01:57	Bright	37.000	127	27Bet Her	2.7810	4700.0	74	27751	No
221	GOM_NL__2PRFIN20070621_190343_000000362059_00142_27751_1875.N1	21-JUN-2007 19:03:43	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	27751	No
222	GOM_NL__2PRFIN20070621_191317_000000362059_00142_27751_1876.N1	21-JUN-2007 19:13:17	Bright	36.000	119	14Eta Dra	2.7270	4700.0	72	27751	No
223	GOM_NL__2PRFIN20070621_191658_000000342059_00142_27751_1877.N1	21-JUN-2007 19:16:58	Bright	34.000	60	7Bet UMi	2.0810	3950.0	68	27751	No
224	GOM_NL__2PRFIN20070621_192129_000000362059_00142_27751_1878.N1	21-JUN-2007 19:21:29	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	27751	No
225	GOM_NL__2PRFIN20070621_193147_000000342059_00142_27751_1879.N1	21-JUN-2007 19:31:47	Bright	33.500	160	23Gam Per	2.9300	4700.0	67	27751	No
226	GOM_NL__2PRFIN20070621_194610_000000442059_00142_27751_1880.N1	21-JUN-2007 19:46:10	Dark	44.000	94	92Alp Cet	2.5260	3100.0	88	27751	No
227	GOM_NL__2PRFIN20070621_200925_000000372059_00143_27752_1879.N1	21-JUN-2007 20:09:25	Dark	37.000	135	Bet Hyi	2.8200	5800.0	74	27752	No
228	GOM_NL__2PRFIN20070621_202027_000000382059_00143_27752_1880.N1	21-JUN-2007 20:20:27	Straylight	37.500	141	Bet Ara	2.8400	4600.0	75	27752	No
229	GOM_NL__2PRFIN20070621_202151_000000382059_00143_27752_1881.N1	21-JUN-2007 20:21:51	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	27752	No
230	GOM_NL__2PRFIN20070621_202337_000000402059_00143_27752_1882.N1	21-JUN-2007 20:23:37	Tw_i_and_stray	40.000	40	The Sco	1.8590	7100.0	80	27752	No
231	GOM_NL__2PRFIN20070621_202518_000000422059_00143_27752_1883.N1	21-JUN-2007 20:25:18	Tw_i_and_stray	41.500	25	35Lam Sco	1.6200	28000.	83	27752	No
232	GOM_NL__2PRFIN20070621_202640_000000412059_00143_27752_1884.N1	21-JUN-2007 20:26:40	Bright	40.500	75	26Eps Sco	2.2910	4250.0	81	27752	No
233	GOM_NL__2PRFIN20070621_202924_000000362059_00143_27752_1885.N1	21-JUN-2007 20:29:24	Bright	36.000	156	20Sig Sco	2.9030	28000.	72	27752	No
234	GOM_NL__2PRFIN20070621_203142_000000372059_00143_27752_1886.N1	21-JUN-2007 20:31:42	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27752	No
235	GOM_NL__2PRFIN20070621_203326_000000362059_00143_27752_1887.N1	21-JUN-2007 20:33:26	Bright	36.000	98	13Zet Oph	2.5710	30000.	72	27752	No
236	GOM_NL__2PRFIN20070621_203532_000000362059_00143_27752_1888.N1	21-JUN-2007 20:35:32	Bright	36.000	120	1Del Oph	2.7340	3200.0	72	27752	No
237	GOM_NL__2PRFIN20070621_203838_000000362059_00143_27752_1889.N1	21-JUN-2007 20:38:38	Bright	35.500	102	24Alp Ser	2.6000	4250.0	71	27752	No
238	GOM_NL__2PRFIN20070621_204233_000000362059_00143_27752_1890.N1	21-JUN-2007 20:42:33	Bright	36.000	127	27Bet Her	2.7810	4700.0	72	27752	No
239	GOM_NL__2PRFIN20070621_204419_000000342059_00143_27752_1891.N1	21-JUN-2007 20:44:19	Bright	34.000	67	5Alp CrB	2.2210	11000.	68	27752	No
240	GOM_NL__2PRFIN20070621_205353_000000372059_00143_27752_1892.N1	21-JUN-2007 20:53:53	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27752	No
241	GOM_NL__2PRFIN20070621_205734_000000382059_00143_27752_1893.N1	21-JUN-2007 20:57:34	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	27752	No
242	GOM_NL__2PRFIN20070621_210205_000000332059_00143_27752_1894.N1	21-JUN-2007 21:02:05	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	27752	No
243	GOM_NL__2PRFIN20070621_211223_000000422059_00143_27752_1895.N1	21-JUN-2007 21:12:23	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	27752	No
244	GOM_NL__2PRFIN20070621_212647_000000462059_00143_27752_1896.N1	21-JUN-2007 21:26:47	Dark	45.500	94	92Alp Cet	2.5260	3100.0	91	27752	No
245	GOM_NL__2PRFIN20070621_213052_000000282059_00143_27752_1897.N1	21-JUN-2007 21:30:52	Dark	28.000	165	34Gam Eri	2.9500	3200.0	56	27752	No
246	GOM_NL__2PRFIN20070621_214449_000000512059_00143_27752_1898.N1	21-JUN-2007 21:44:49	Dark	50.500	9	Alp Eri	0.45300	24000.	101	27752	No
247	GOM_NL__2PRFIN20070621_215001_000000372059_00144_27753_1892.N1	21-JUN-2007 21:50:01	Dark	36.500	135	Bet Hyi	2.8200	5800.0	73	27753	No
248	GOM_NL__2PRFIN20070621_220103_000000392059_00144_27753_1893.N1	21-JUN-2007 22:01:03	Straylight	39.000	141	Bet Ara	2.8400	4600.0	78	27753	No
249	GOM_NL__2PRFIN20070621_220227_000000392059_00144_27753_1894.N1	21-JUN-2007 22:02:27	Straylight	38.500	147	Alp Ara	2.8770	26000.	77	27753	No
250	GOM_NL__2PRFIN20070621_220413_000000382059_00144_27753_1895.N1	21-JUN-2007 22:04:13	Tw_i_and_stray	38.000	40	The Sco	1.8590	7100.0	76	27753	No
251	GOM_NL__2PRFIN20070621_220555_000000442059_00144_27753_1896.N1	21-JUN-2007 22:05:55	Tw_i_and_stray	43.500	25	35Lam Sco	1.6200	28000.	87	27753	No
252	GOM_NL__2PRFIN20070621_220716_000000422059_00144_27753_1897.N1	21-JUN-2007 22:07:16	Bright	41.500	75	26Eps Sco	2.2910	4250.0	83	27753	No
253	GOM_NL__2PRFIN20070621_221000_000000362059_00144_27753_1898.N1	21-JUN-2007 22:10:00	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27753	No
254	GOM_NL__2PRFIN20070621_221218_000000382059_00144_27753_1899.N1	21-JUN-2007 22:12:18	Bright	38.000	86	35Eta Oph	2.4300	10200.	76	27753	No
255	GOM_NL__2PRFIN20070621_221402_000000352059_00144_27753_1900.N1	21-JUN-2007 22:14:02	Bright	35.000	98	13Zet Oph	2.5710	30000.	70	27753	No
256	GOM_NL__2PRFIN20070621_221608_000000362059_00144_27753_1901.N1	21-JUN-2007 22:16:08	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	27753	No
257	GOM_NL__2PRFIN20070621_221915_000000352059_00144_27753_1902.N1	21-JUN-2007 22:19:15	Bright	34.500	102	24Alp Ser	2.6000	4250.0	69	27753	No
258	GOM_NL__2PRFIN20070621_222308_000000382059_00144_27753_1903.N1	21-JUN-2007 22:23:08	Bright	37.500	127	27Bet Her	2.7810	4700.0	75	27753	No
259	GOM_NL__2PRFIN20070621_222455_000000362059_00144_27753_1904.N1	21-JUN-2007 22:24:55	Bright	35.500	67	5Alp CrB	2.2210	11000.	71	27753	No
260	GOM_NL__2PRFIN20070621_223428_000000372059_00144_27753_1905.N1	21-JUN-2007 22:34:28	Bright	36.500	119	14Eta Dra	2.7270	4700.0	73	27753	No
261	GOM_NL__2PRFIN20070621_223810_000000522059_00144_27753_1906.N1	21-JUN-2007 22:38:10	Bright	52.000	60	7Bet UMi	2.0810	3950.0	104	27753	No
262	GOM_NL__2PRFIN20070621_224241_000000352059_00144_27753_1907.N1	21-JUN-2007 22:42:41	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	27753	No
263	GOM_NL__2PRFIN20070621_225259_000000422059_00144_27753_1908.N1	21-JUN-2007 22:52:59	Bright	41.500	160	23Gam Per	2.9300	4700.0	83	27753	No
264	GOM_NL__2PRFIN20070621_230723_000000362059_00144_27753_1909.N1	21-JUN-2007 23:07:23	Dark	36.000	94	92Alp Cet	2.5260	3100.0	72	27753	No
265	GOM_NL__2PRFIN20070621_231128_000000282059_00144_27753_1910.N1	21-JUN-2007 23:11:28	Dark	27.500	165	34Gam Eri	2.9500	3200.0	55	27753	No
266	GOM_NL__2PRFIN20070621_232526_000000452059_00144_27753_1911.N1	21-JUN-2007 23:25:26	Dark	44.500	9	Alp Eri	0.45300	24000.	89	27753	No
267	GOM_NL__2PRFIN20070621_233037_000000362059_00145_27754_1917.N1	21-JUN-2007 23:30:37	Dark	35.500	135	Bet Hyi	2.8200	5800.0	71	27754	No
268	GOM_NL__2PRFIN20070621_234139_000000402059_00145_27754_1918.N1	21-JUN-2007 23:41:39	Straylight	40.000	141	Bet Ara	2.8400	4600.0	80	27754	No
269	GOM_NL__2PRFIN20070621_234303_000000382059_00145_27754_1919.N1	21-JUN-2007 23:43:03	Straylight	38.000	147	Alp Ara	2.8770	26000.	76	27754	No
270	GOM_NL__2PRFIN20070621_234449_000000422059_00145_27754_1920.N1	21-JUN-2007 23:44:49	Tw_i_and_stray	42.000	40	The Sco	1.8590	7100.0	84	27754	No
271	GOM_NL__2PRFIN20070621_234631_000000412059_00145_27754_1921.N1	21-JUN-2007 23:46:31	Tw_i_and_stray	40.500	25	35Lam Sco	1.6200	28000.	81	27754	No
272	GOM_NL__2PRFIN20070621_234752_000000422059_00145_27754_1922.N1	21-JUN-2007 23:47:52	Bright	42.000	75	26Eps Sco	2.2910	4250.0	84	27754	No
273	GOM_NL__2PRFIN20070621_235036_000000362059_00145_27754_1923.N1	21-JUN-2007 23:50:36	Bright	35.500	156	20Sig Sco	2.9030	28000.	71	27754	No
274	GOM_NL__2PRFIN20070621_235254_000000372059_00145_27754_1924.N1	21-JUN-2007 23:52:54	Bright	37.000	86	35Eta Oph	2.4300	10200.	74	27754	No
275	GOM_NL__2PRFIN20070621_235438_000000362059_00145_27754_1925.N1	21-JUN-2007 23:54:38	Bright	35.500	98	13Zet Oph	2.5710	30000.	71	27754	No
276	GOM_NL__2PRFIN20070621_235644_000000362059_00145_27754_1926.N1	21-JUN-2007 23:56:44	Bright	35.500	120	1Del Oph	2.7340	3200.0	71	27754	No
277	GOM_NL__2PRFIN20070621_235951_000000352059_00145_27754_1927.N1	21-JUN-2007 23:59:51	Bright	35.000	102	24Alp Ser	2.6000	4250.0	70	27754	No

3. Quality information per product

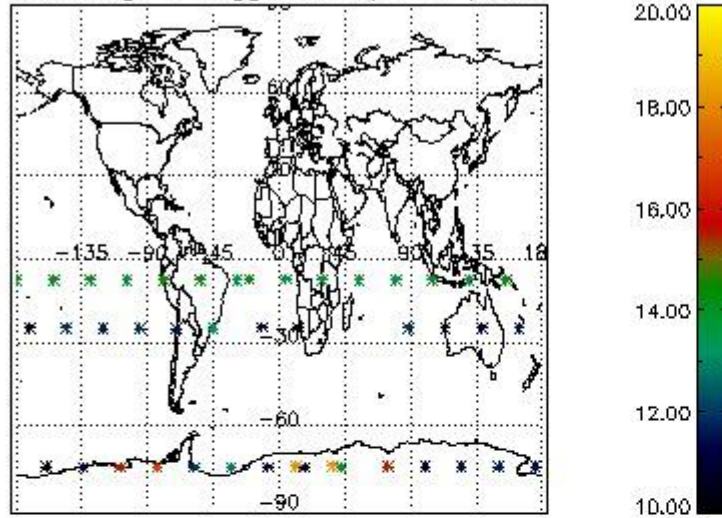
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

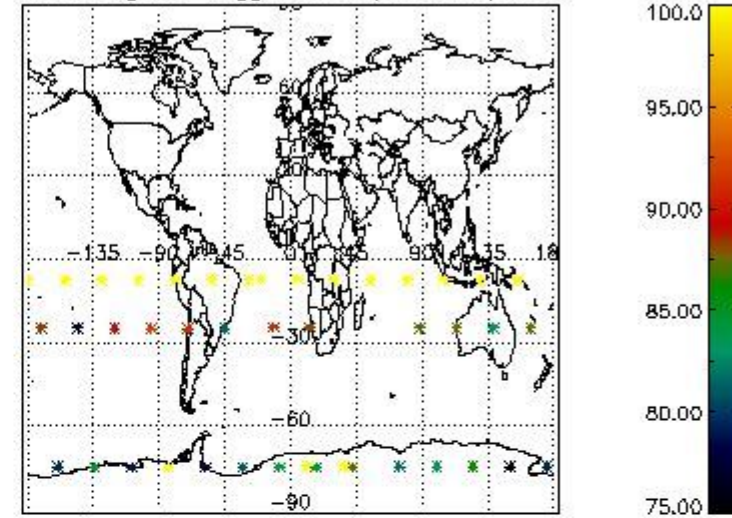


3.2 Plot quality information per product (world map)

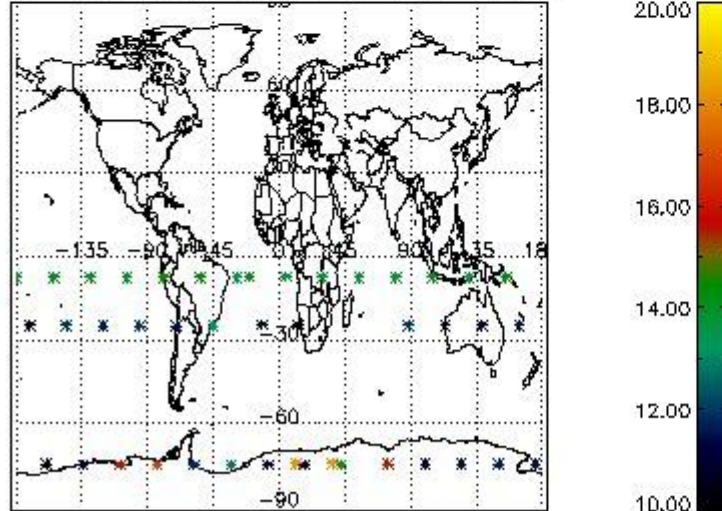
Percentage of flagged data per O3 profile



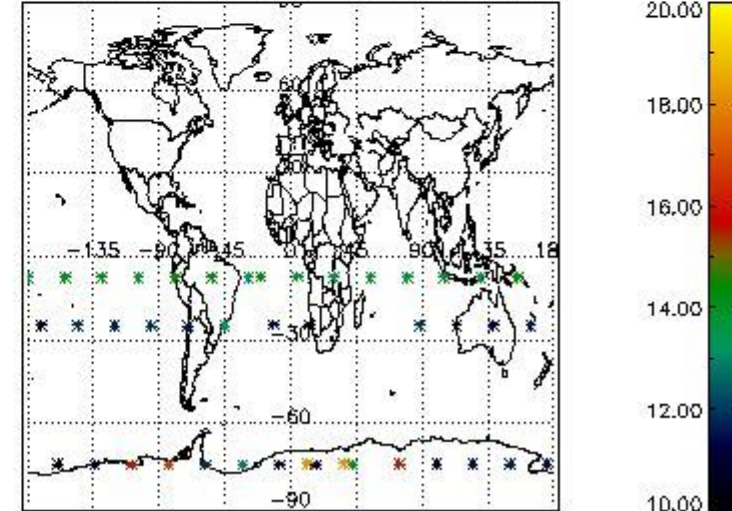
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

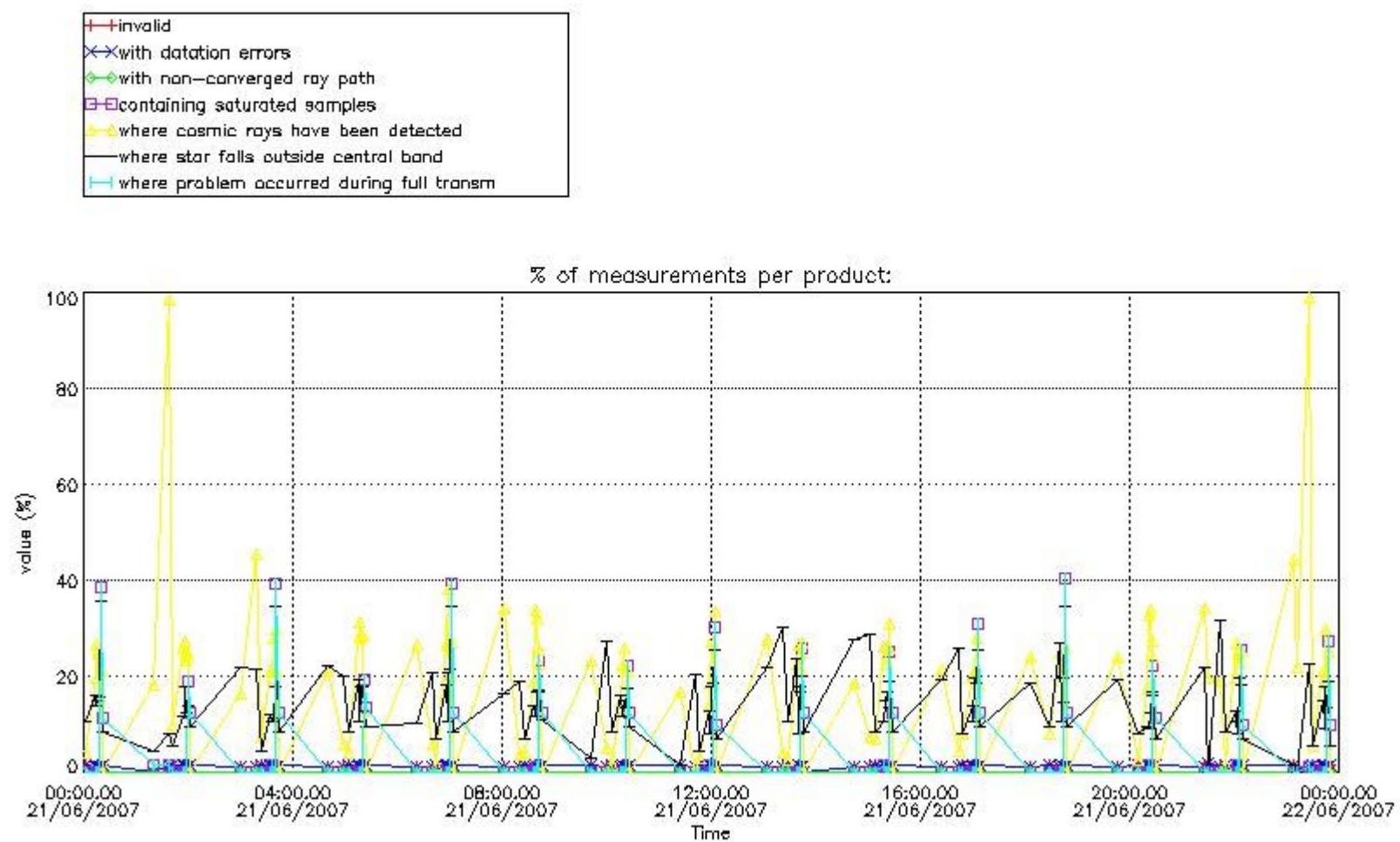


4. Level 1 quality information per product

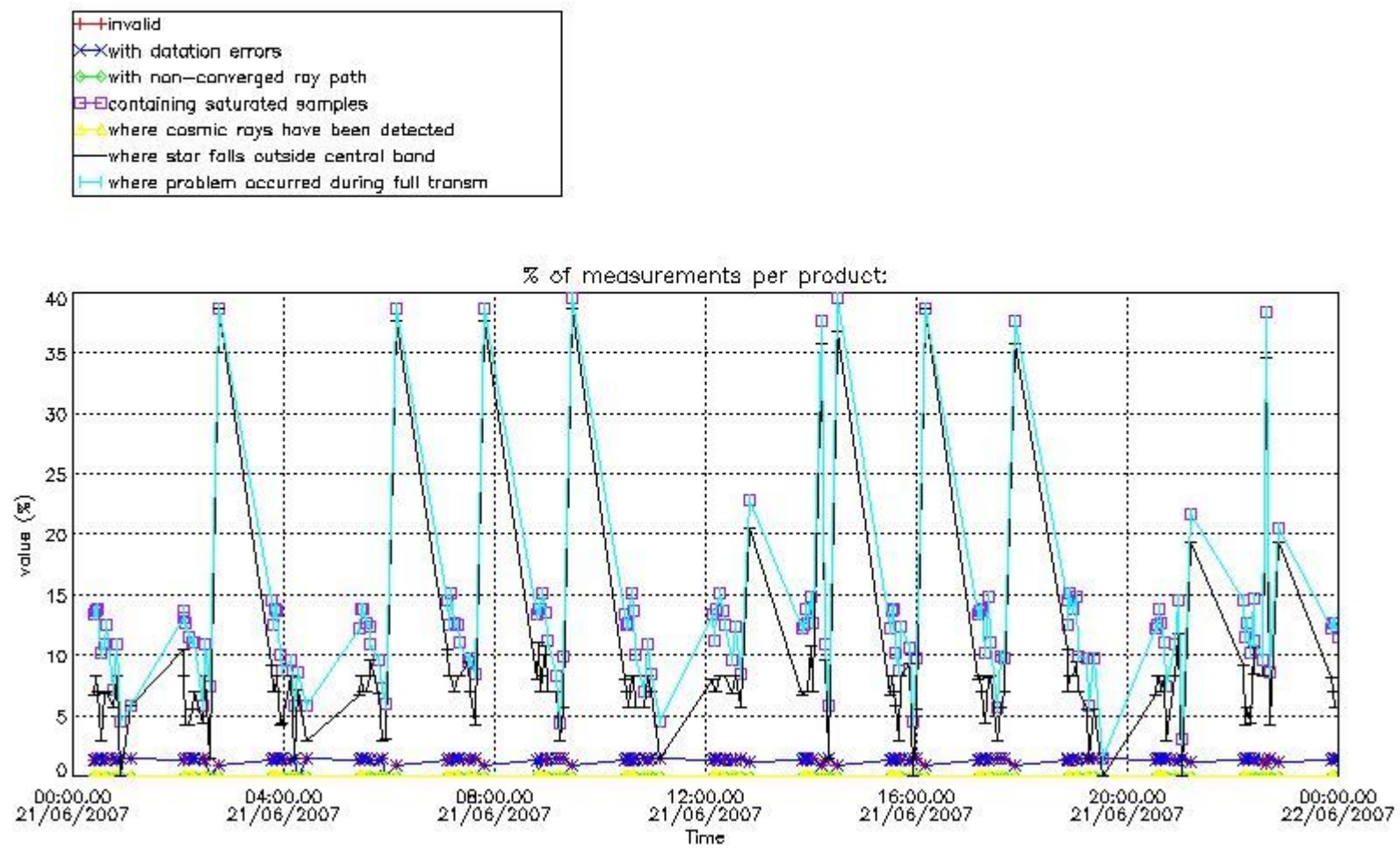
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

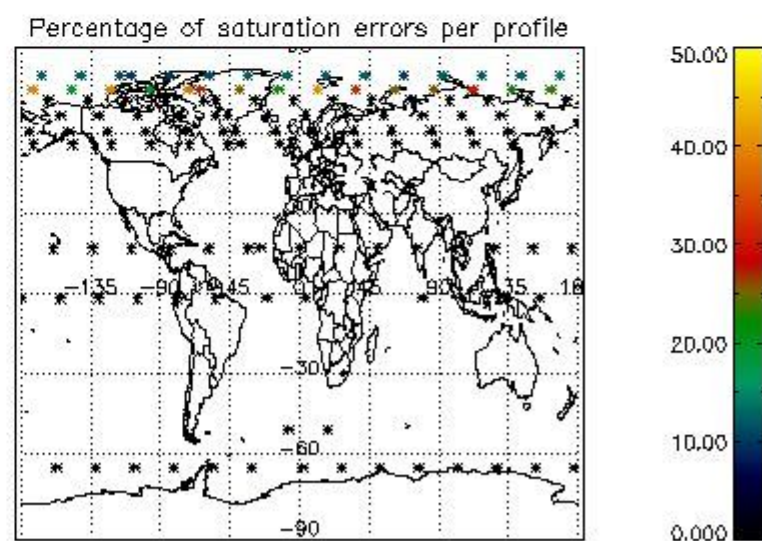
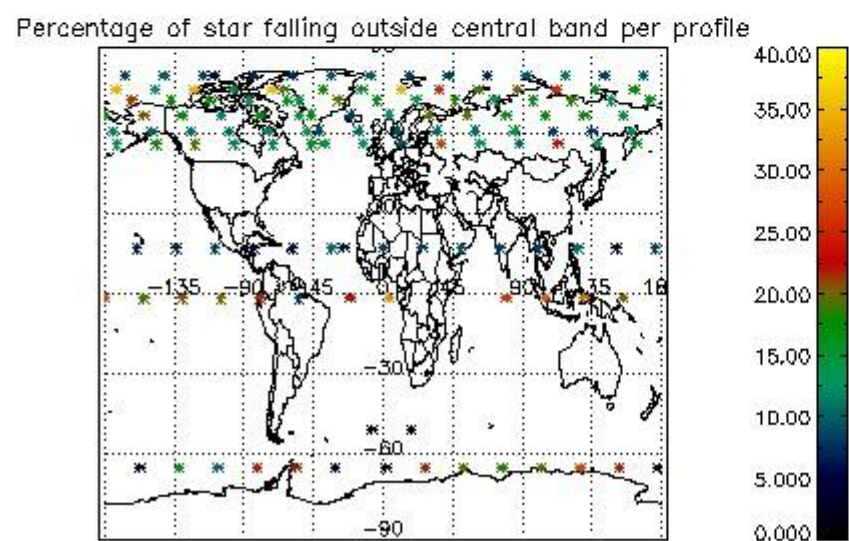
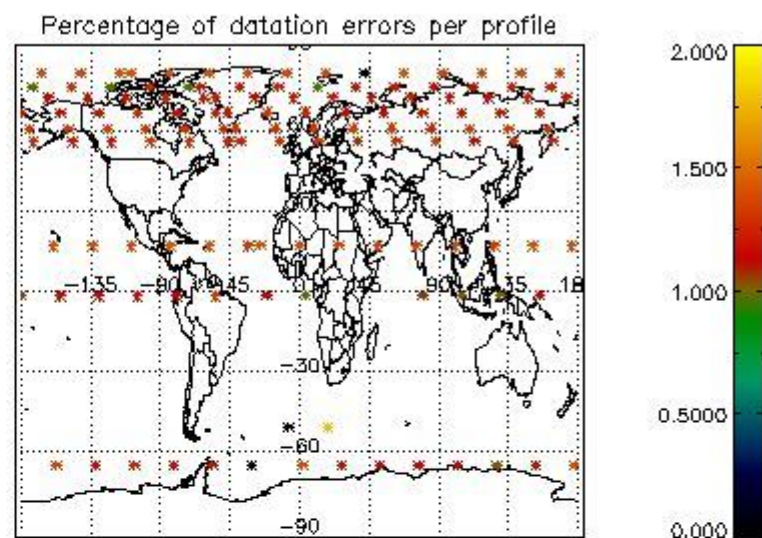
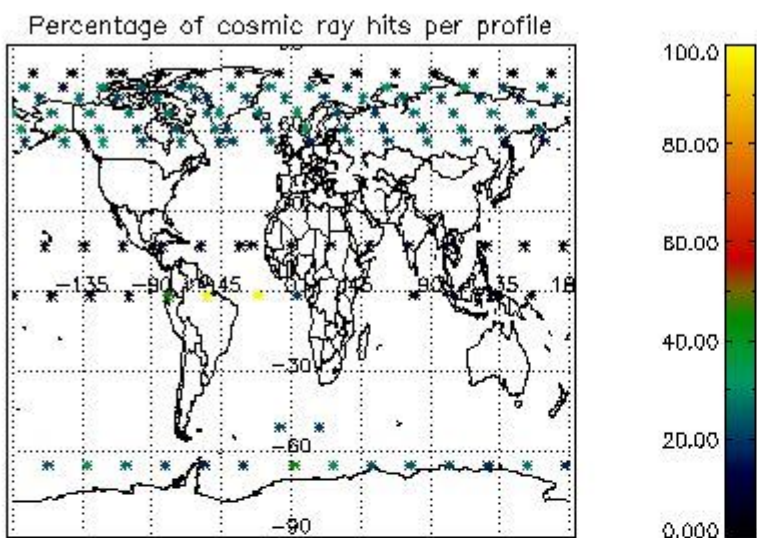


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

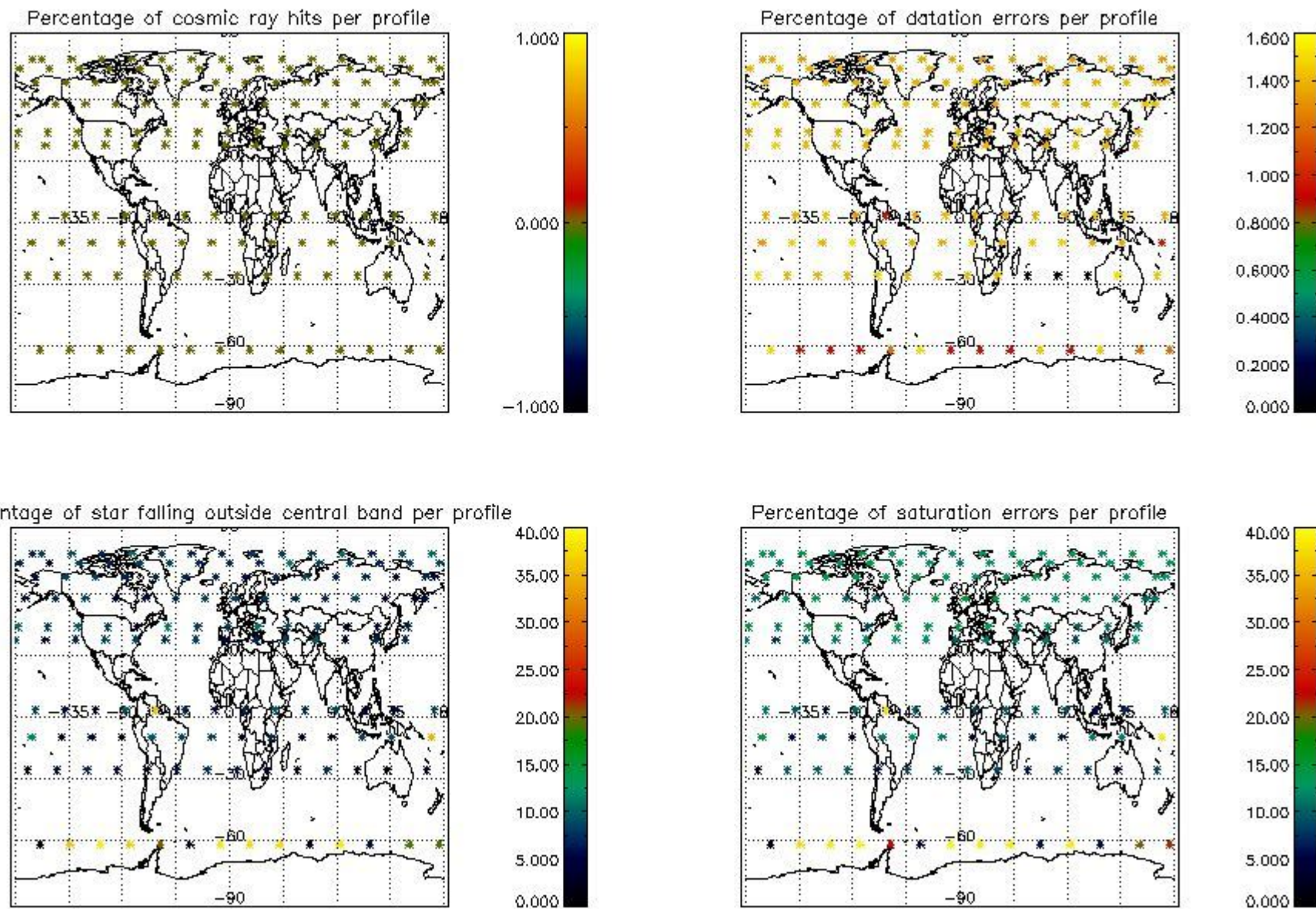


4.2 Plot quality information per product coming from level 1b processing (world map)

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

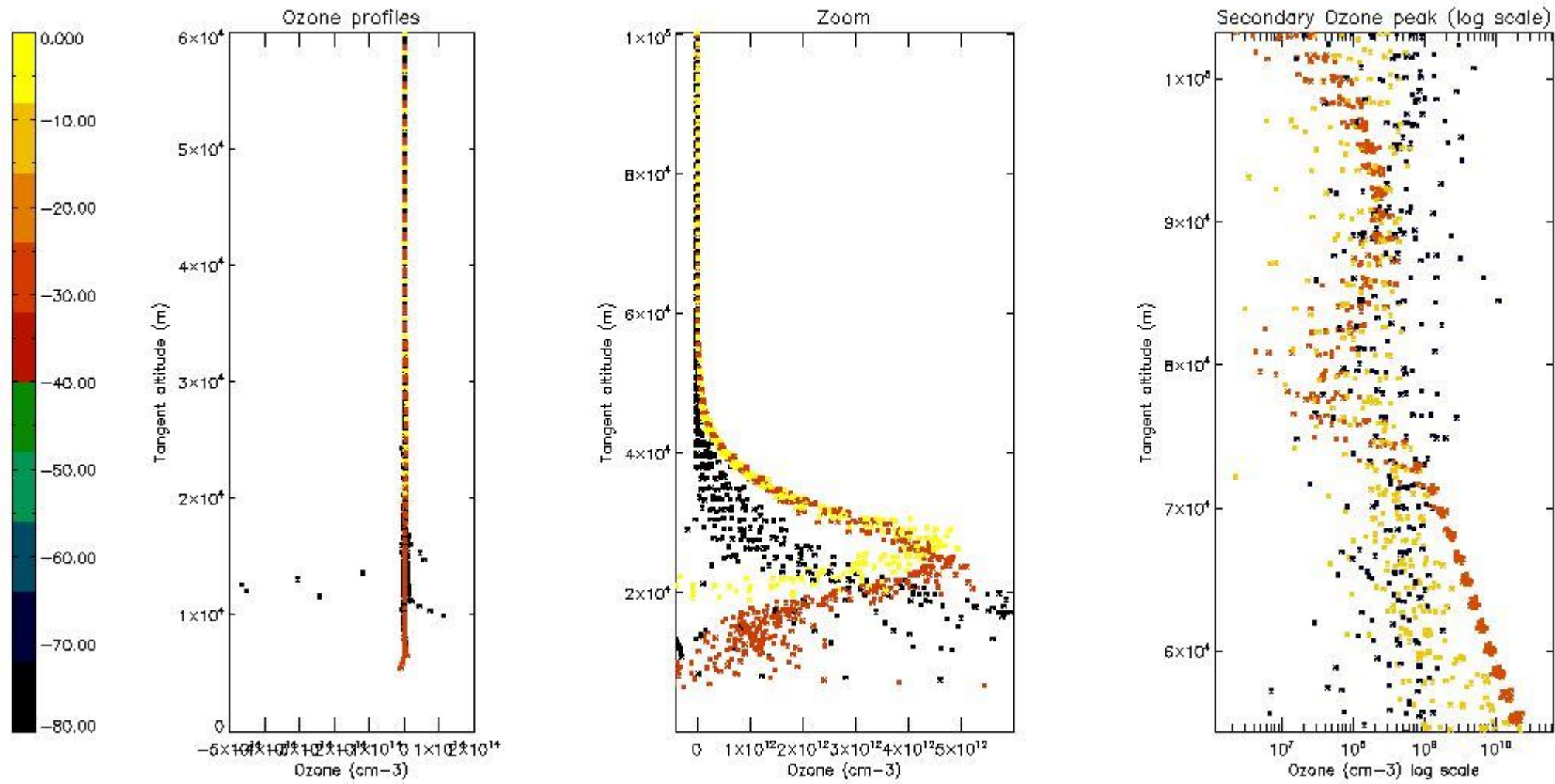
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	17
STD < 20	6

STD < 10	4
STD < 5	3

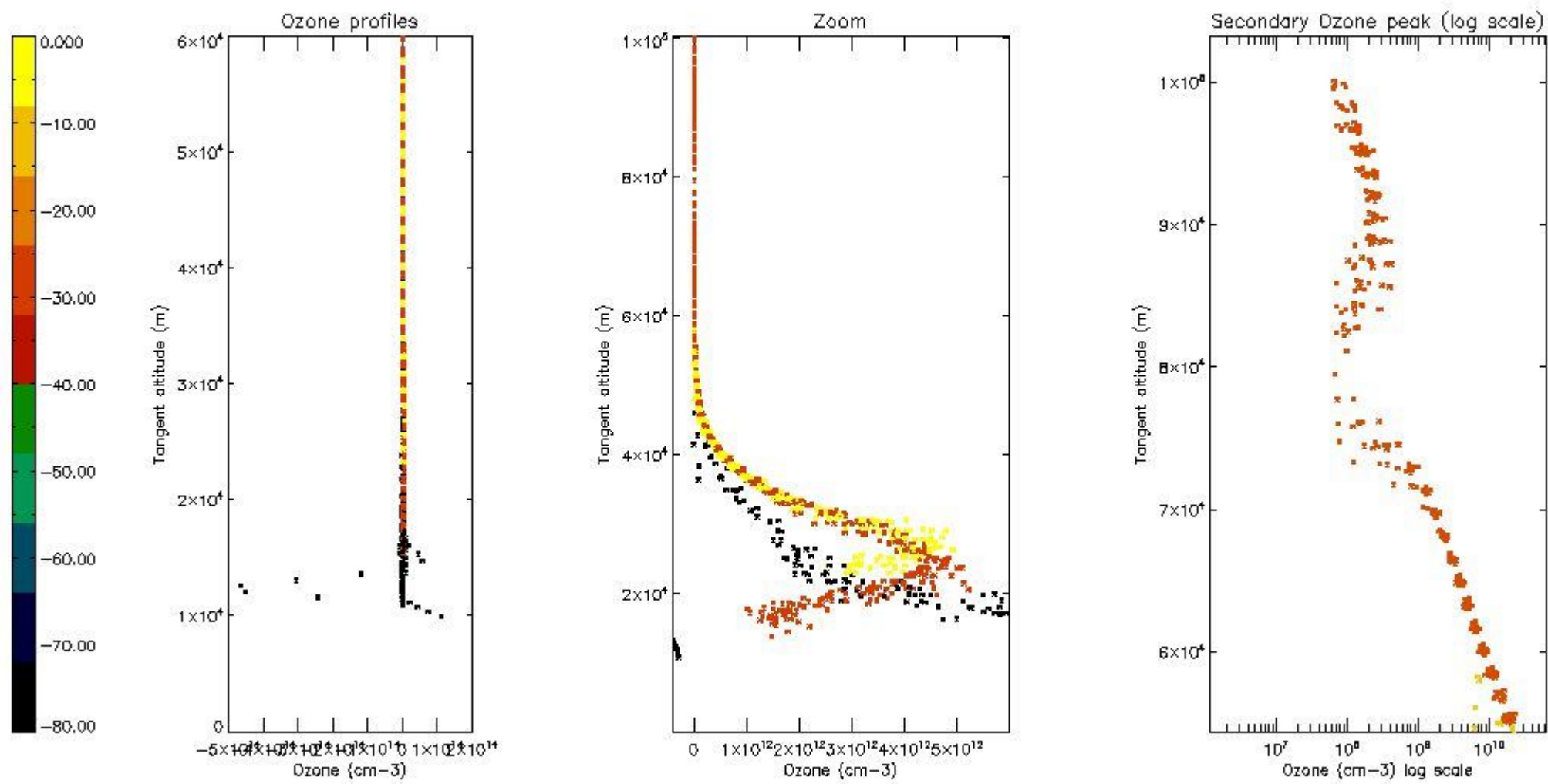
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



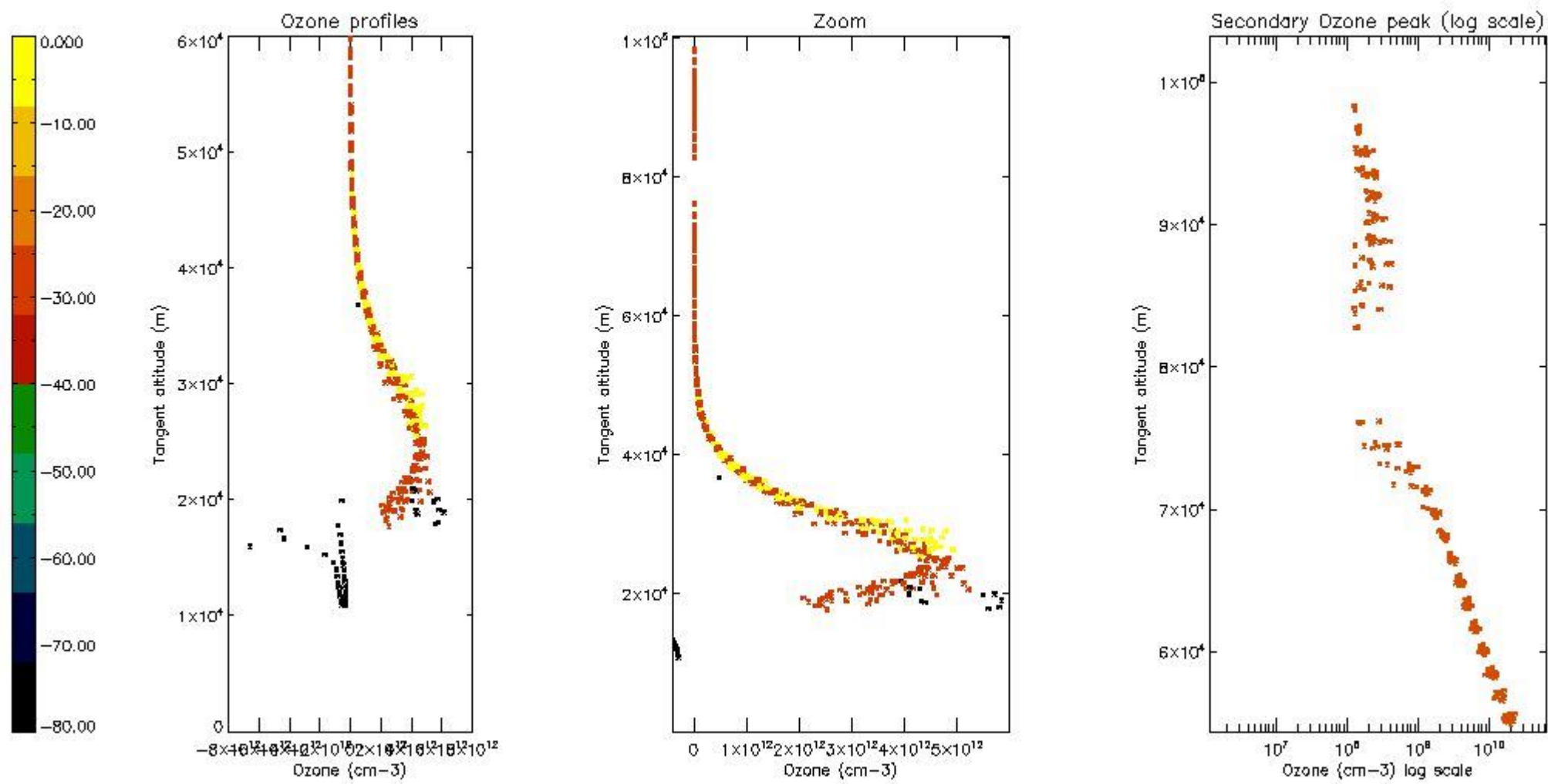
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



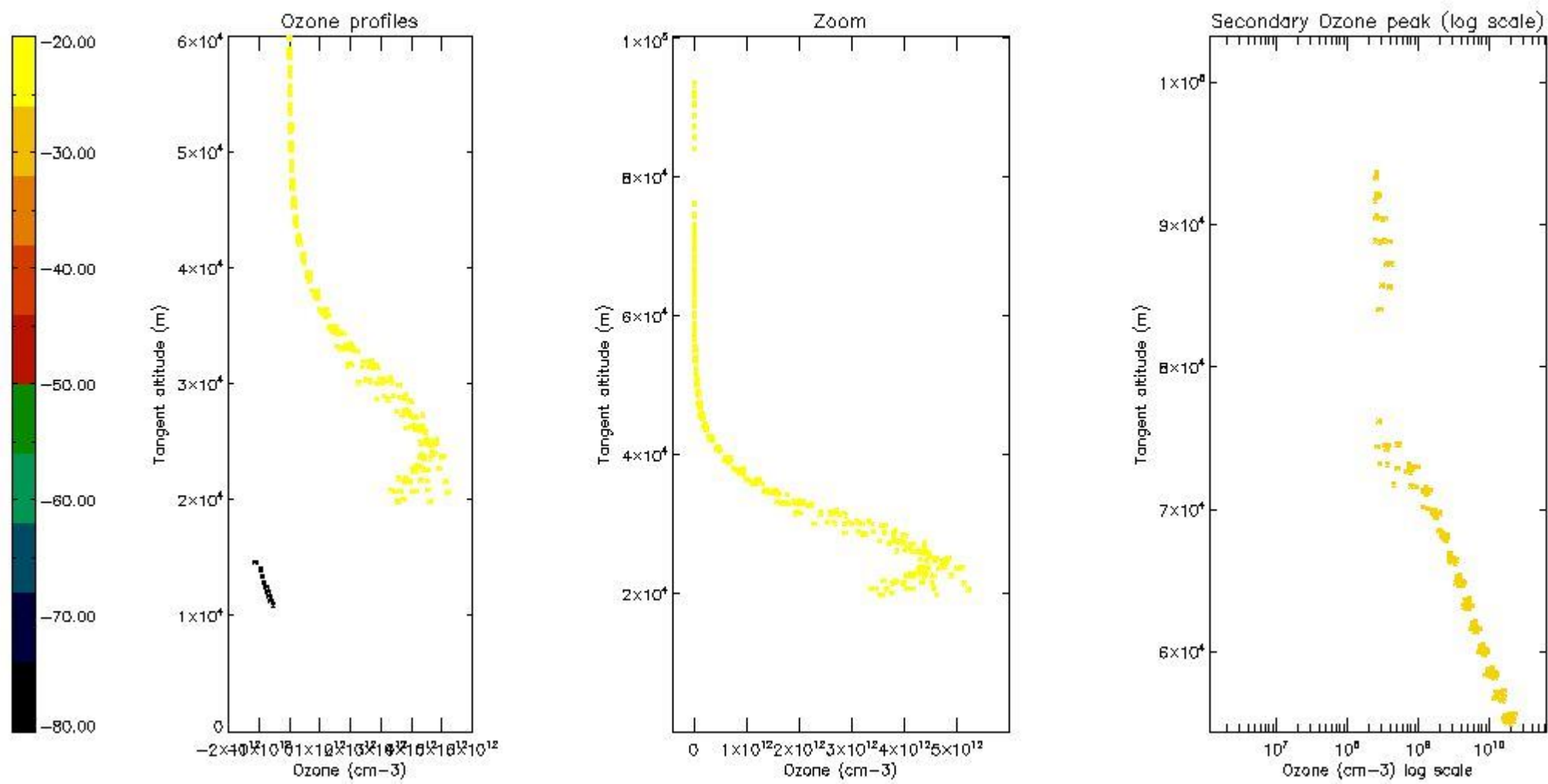
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



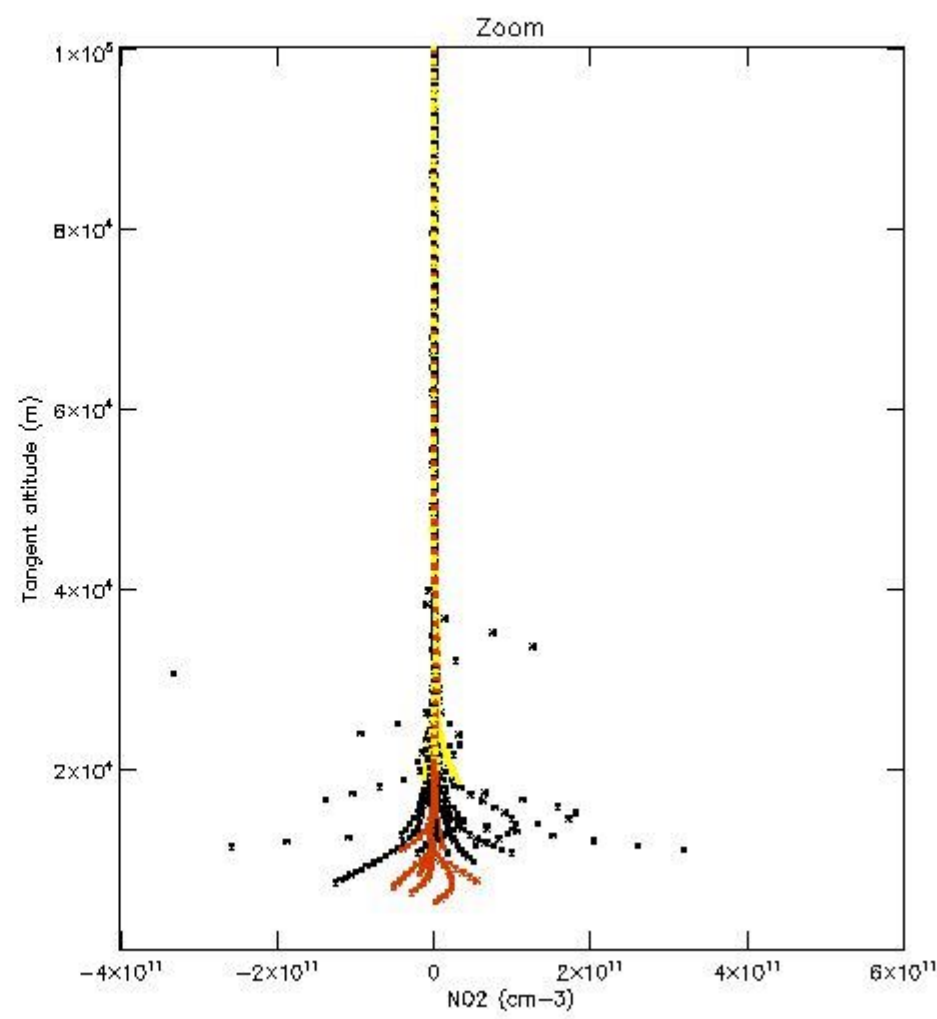
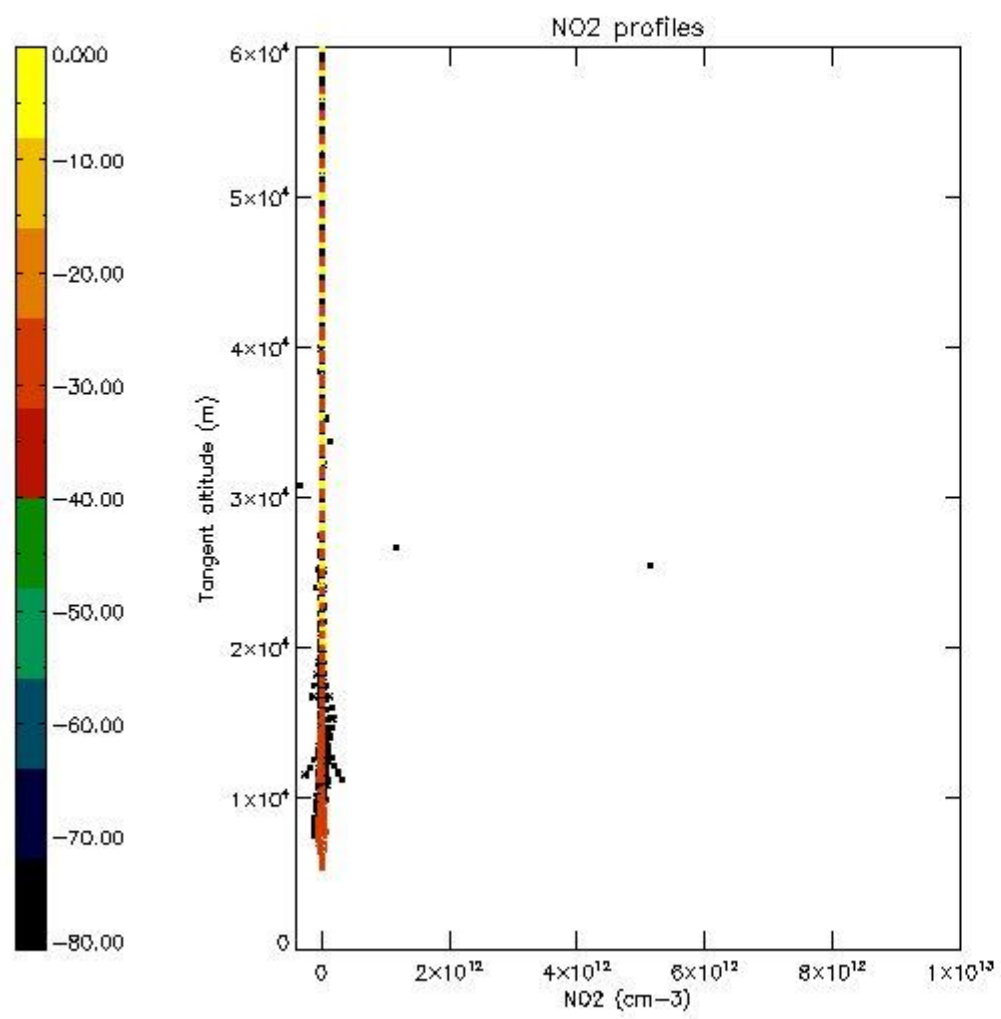
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



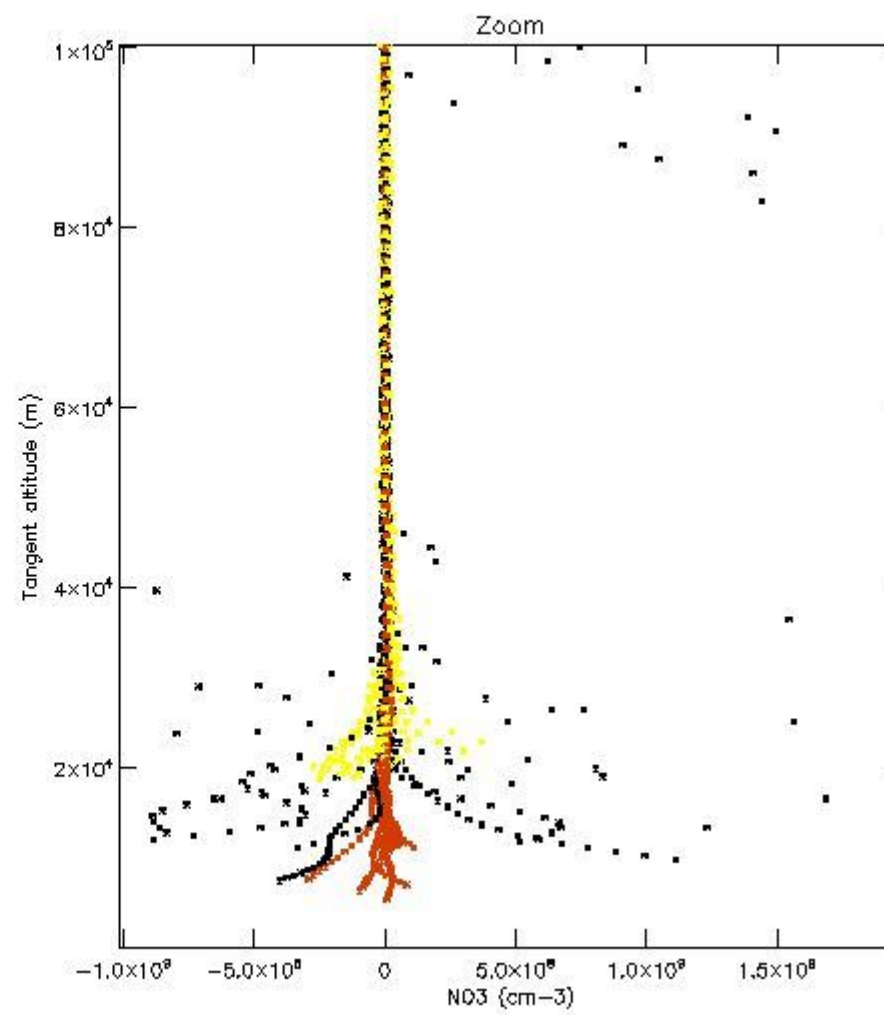
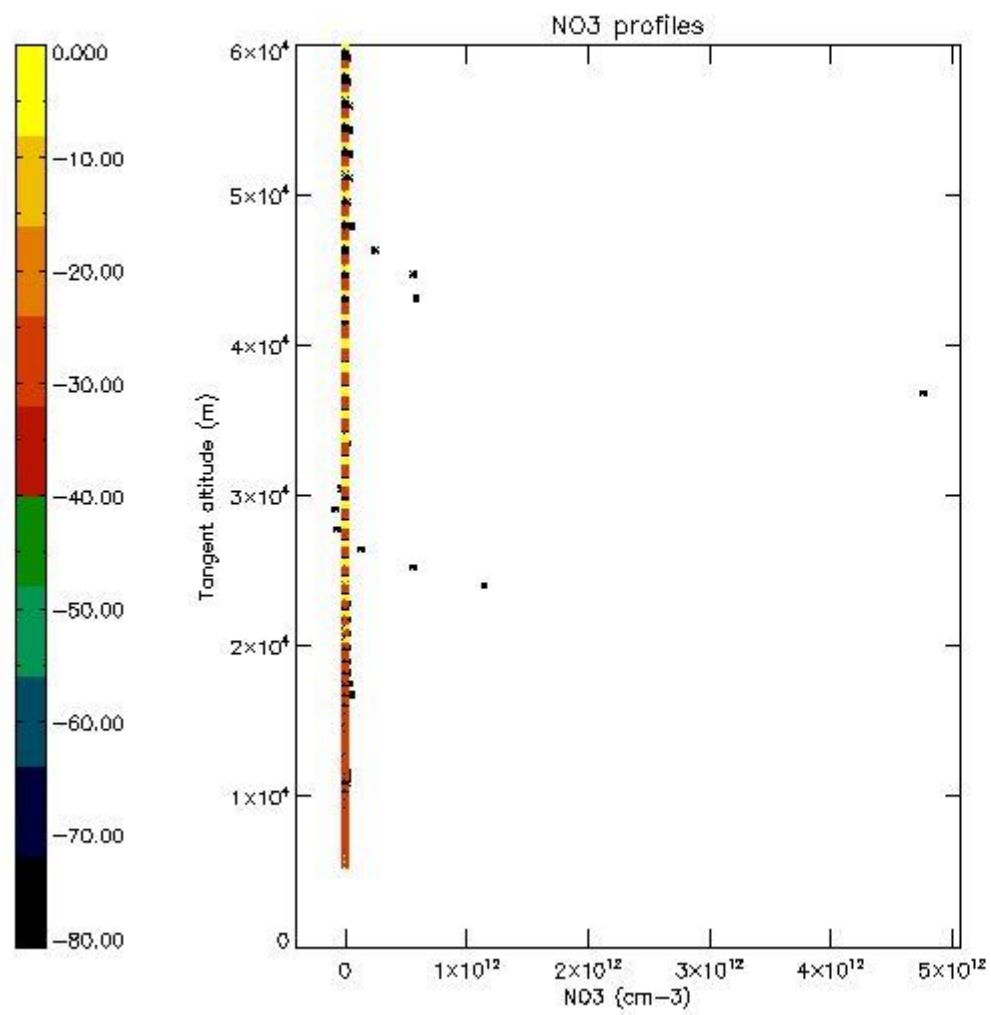
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

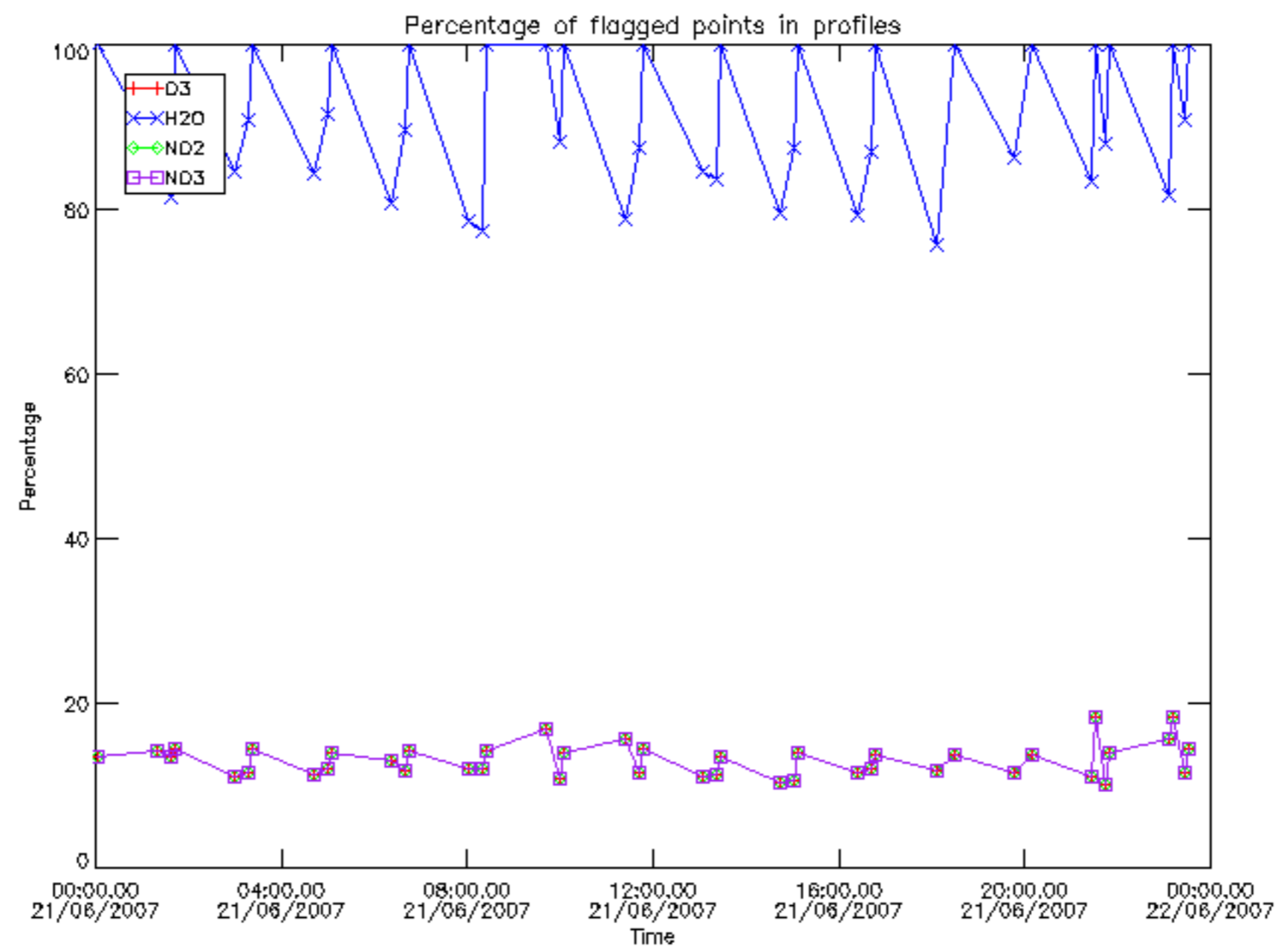
The colorbar represents the latitude.



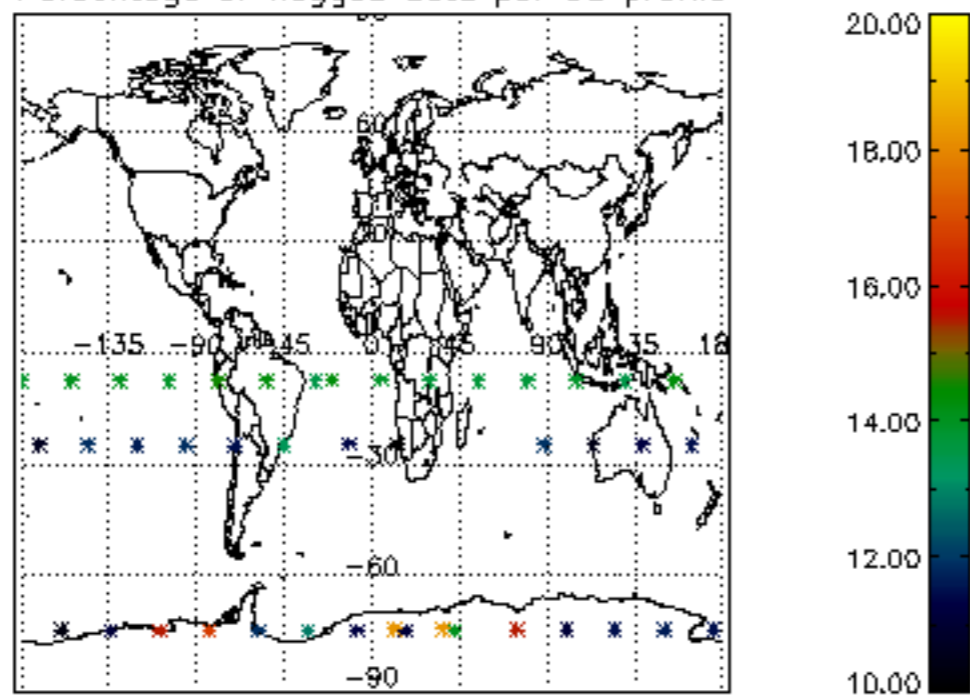
6. Auxiliary Data Files used for the production reported in section 2

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

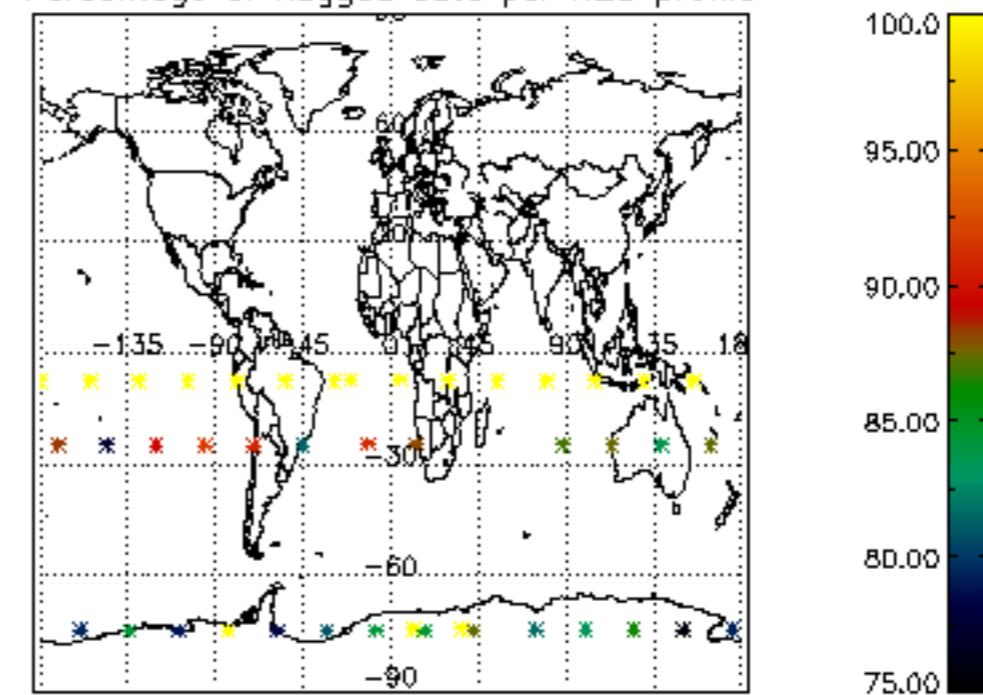
Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	21-JUN-2007 00:02:11
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	21-JUN-2007 00:02:11
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	21-JUN-2007 00:02:11



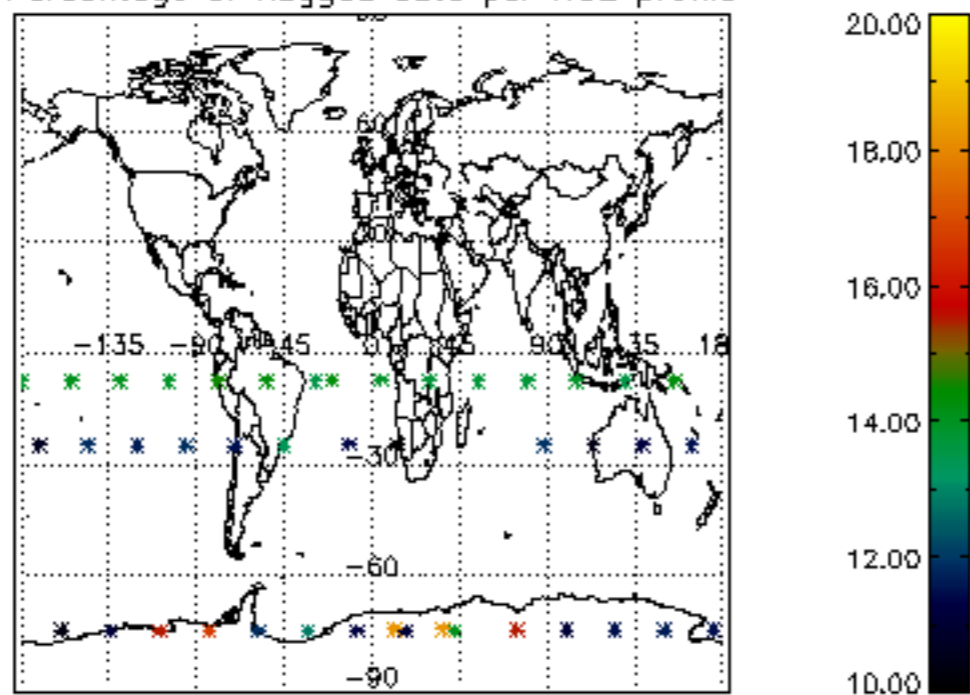
Percentage of flagged data per D3 profile



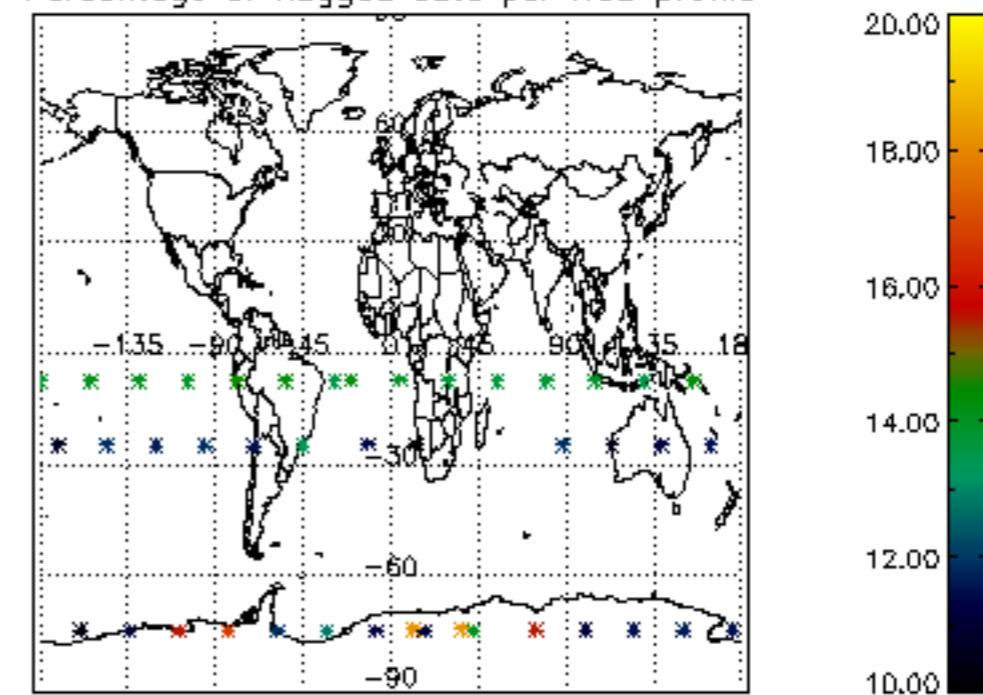
Percentage of flagged data per H2O profile

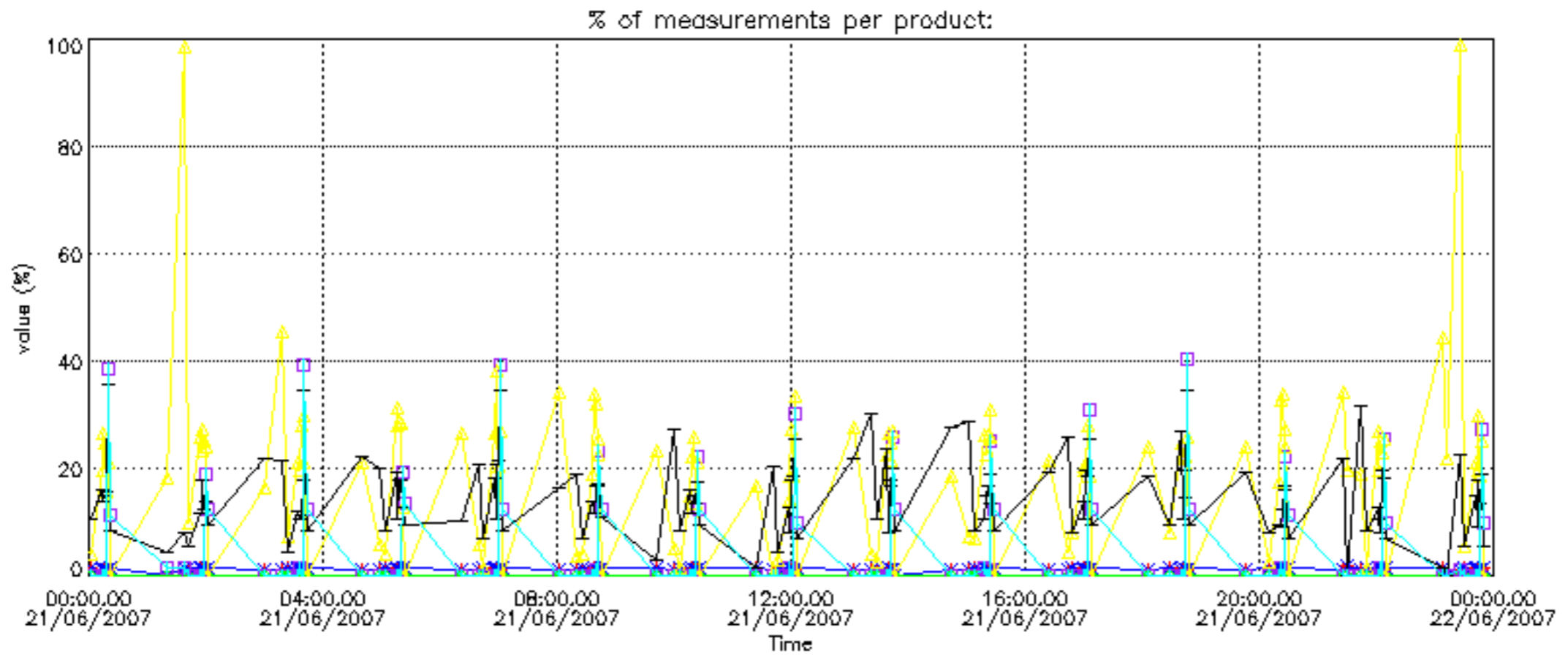


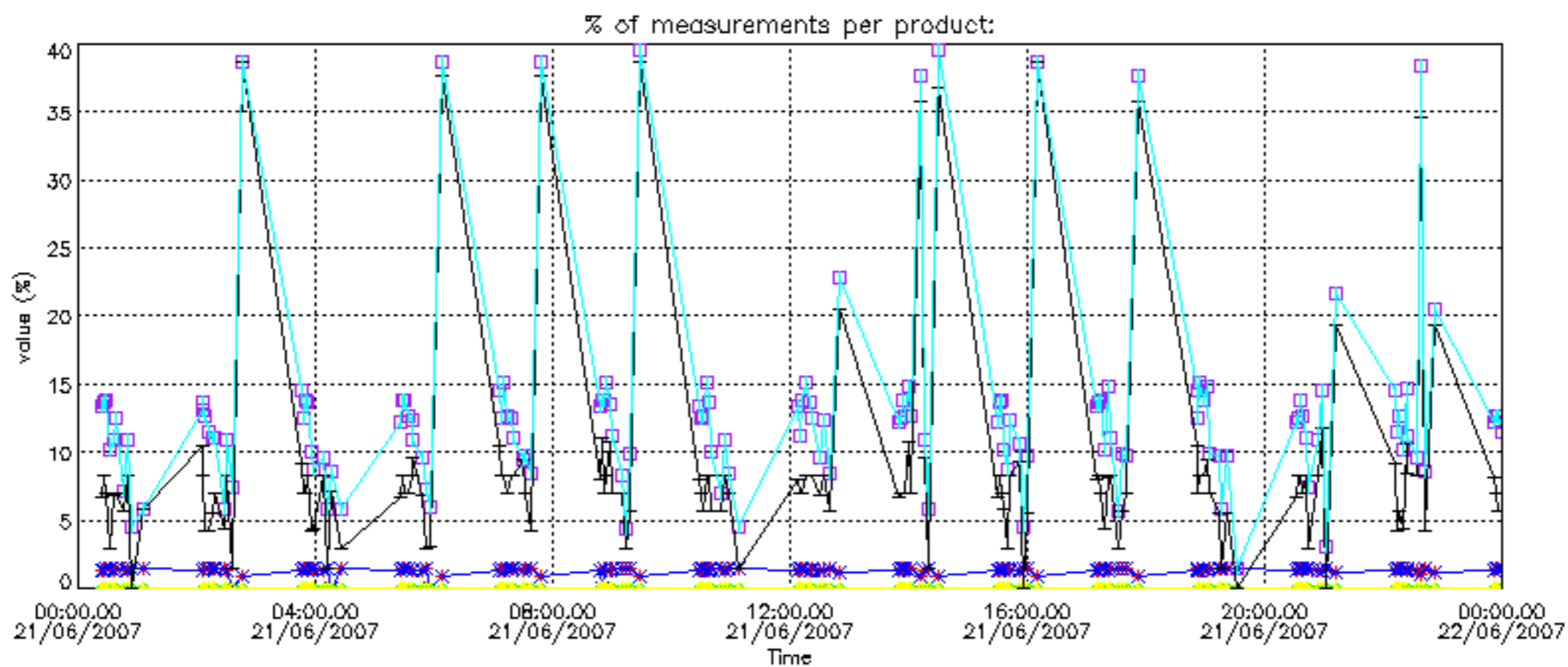
Percentage of flagged data per NO2 profile



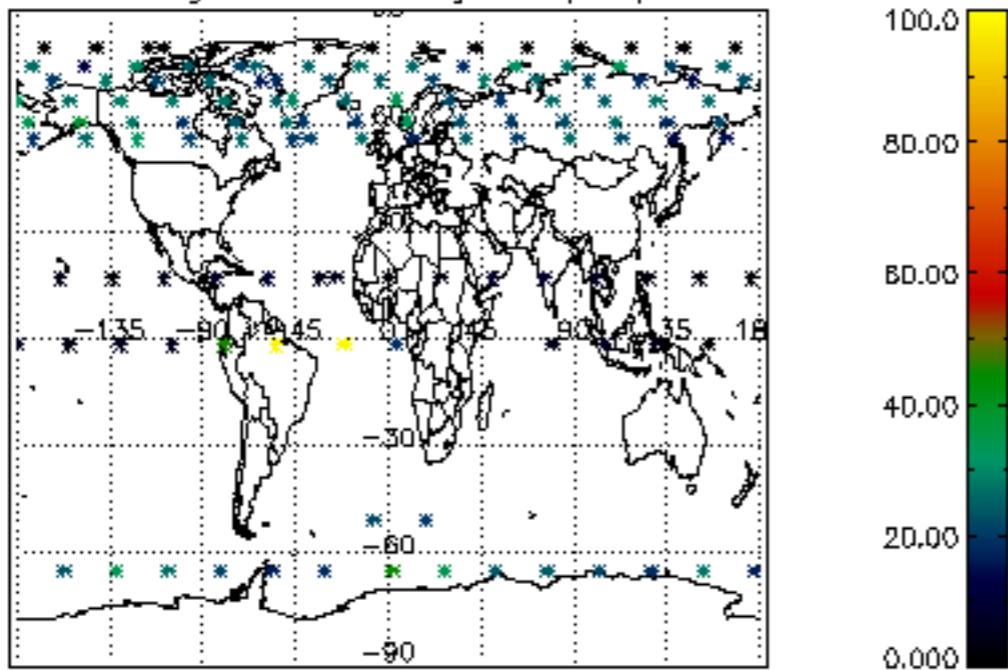
Percentage of flagged data per NO3 profile



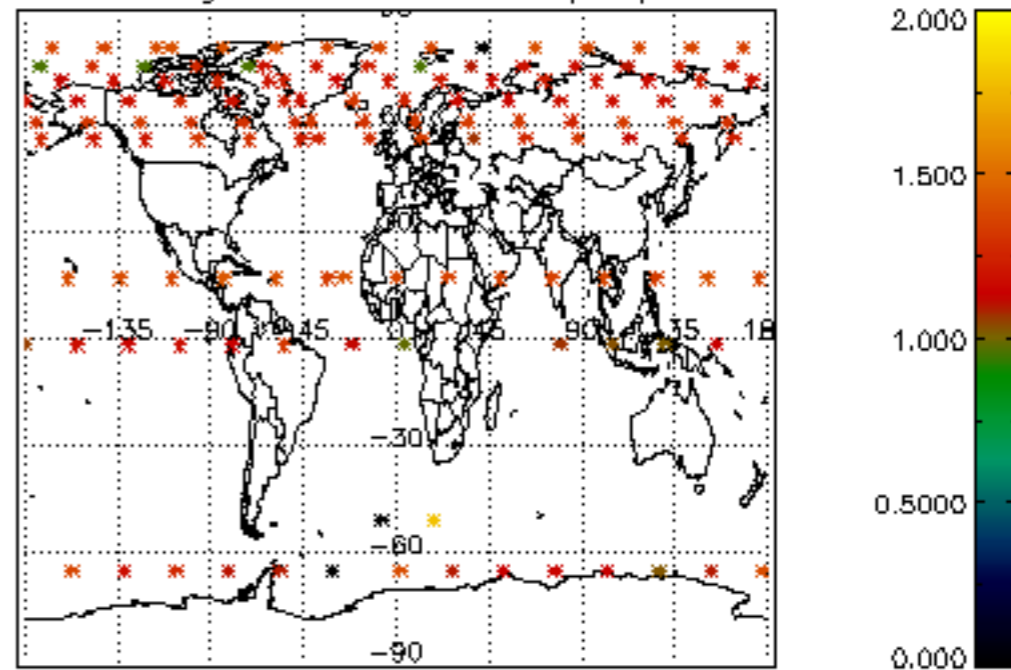




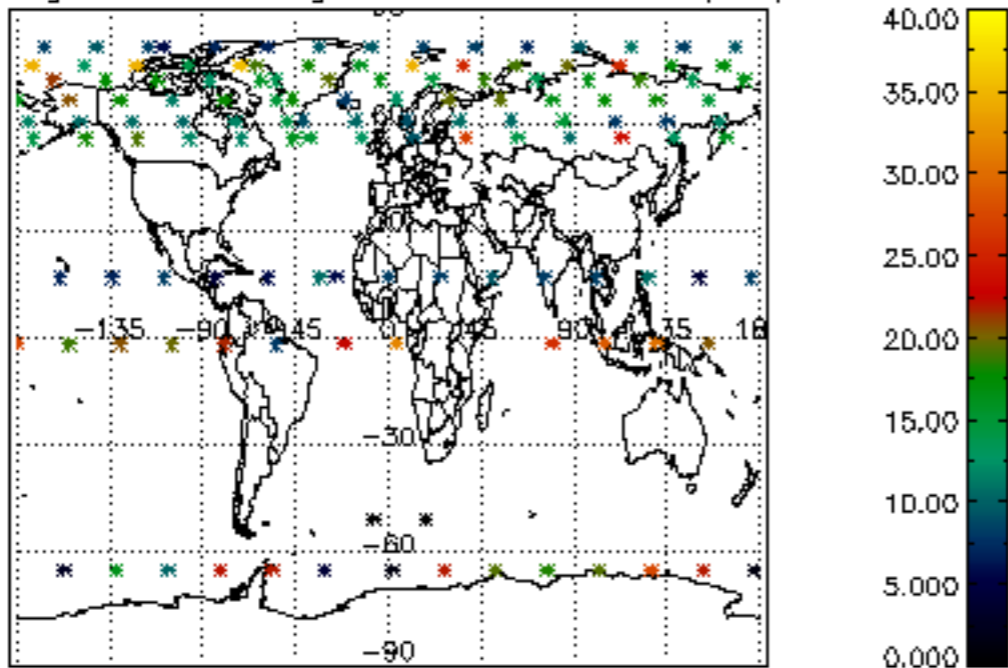
Percentage of cosmic ray hits per profile



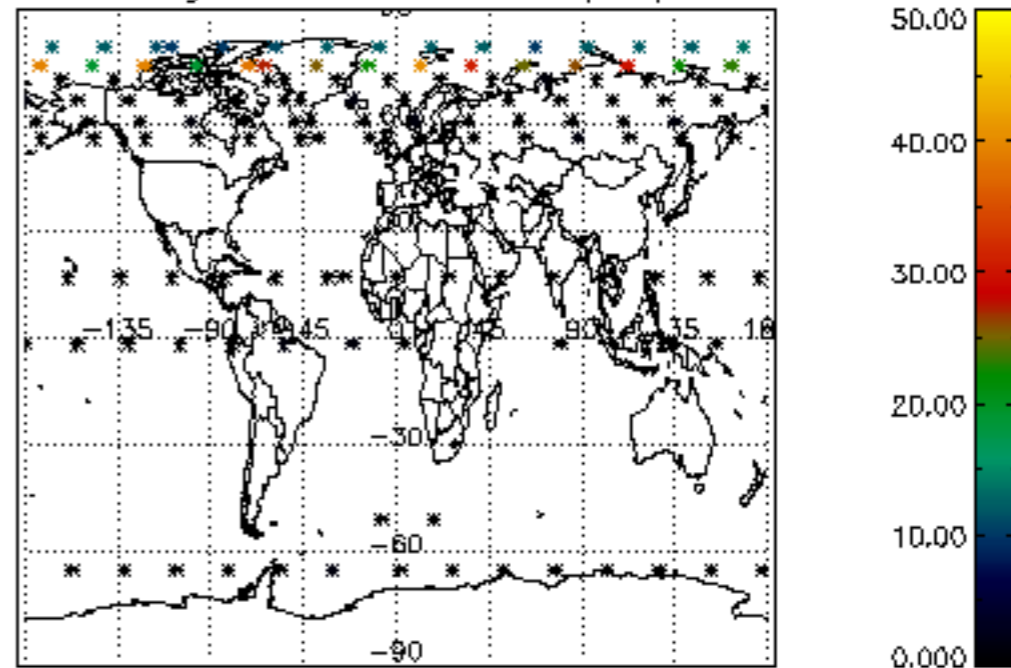
Percentage of datation errors per profile



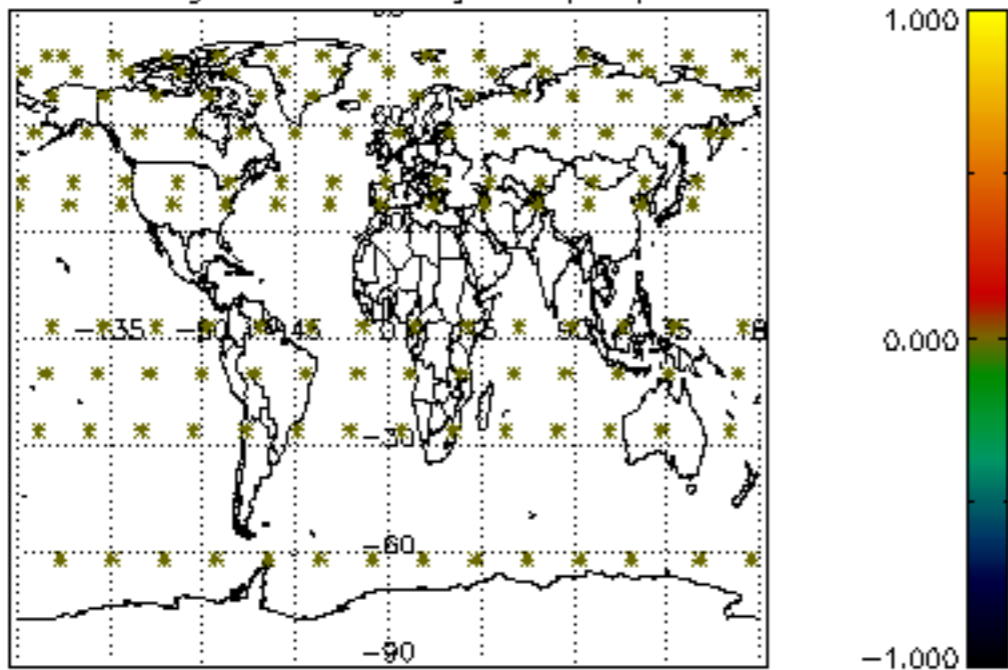
Percentage of star falling outside central band per profile



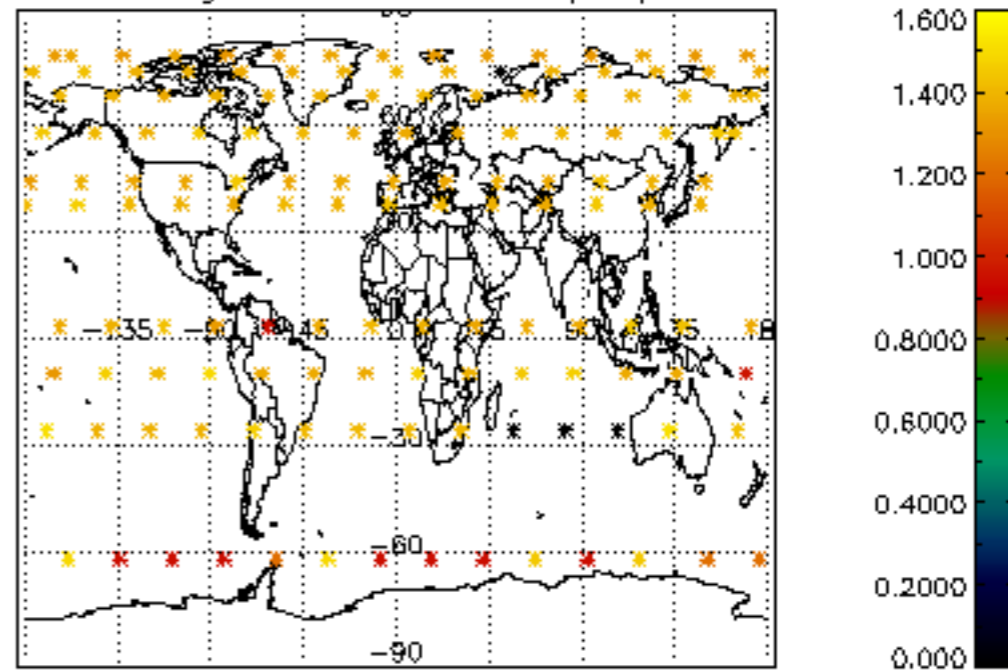
Percentage of saturation errors per profile



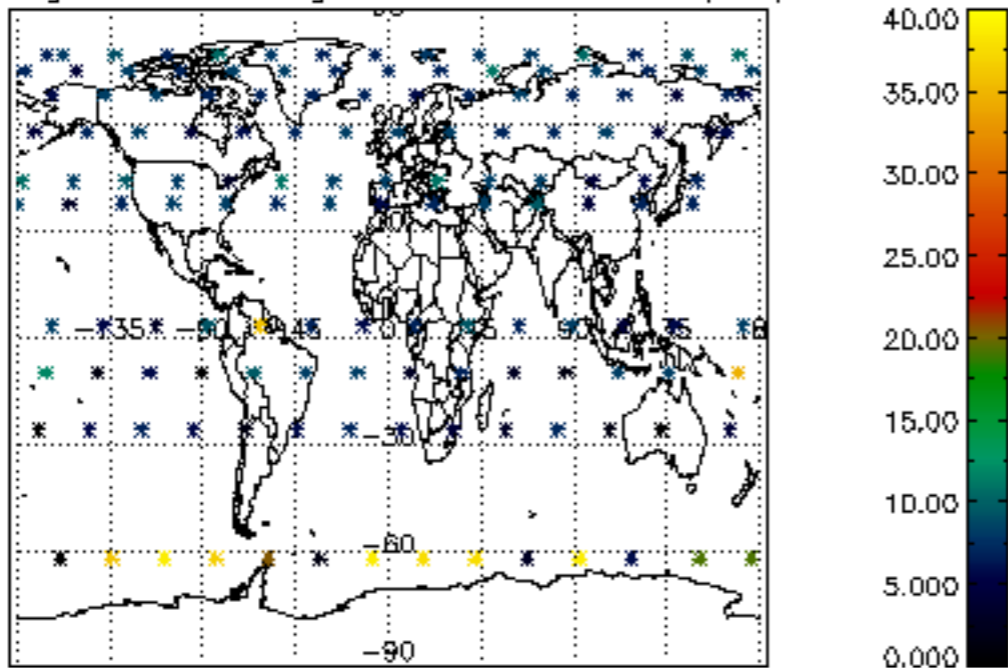
Percentage of cosmic ray hits per profile



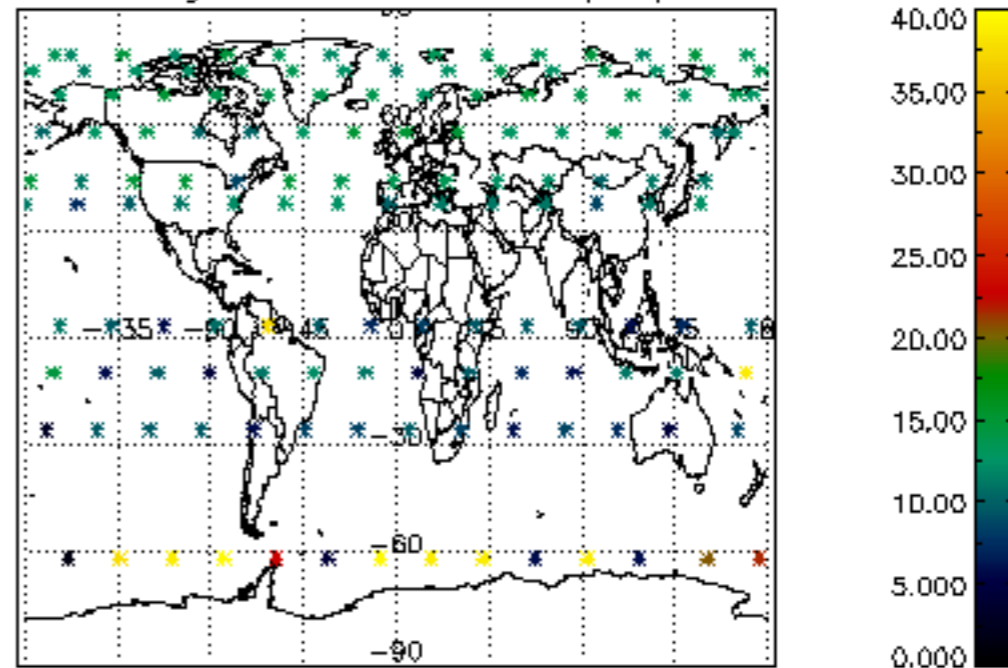
Percentage of datation errors per profile

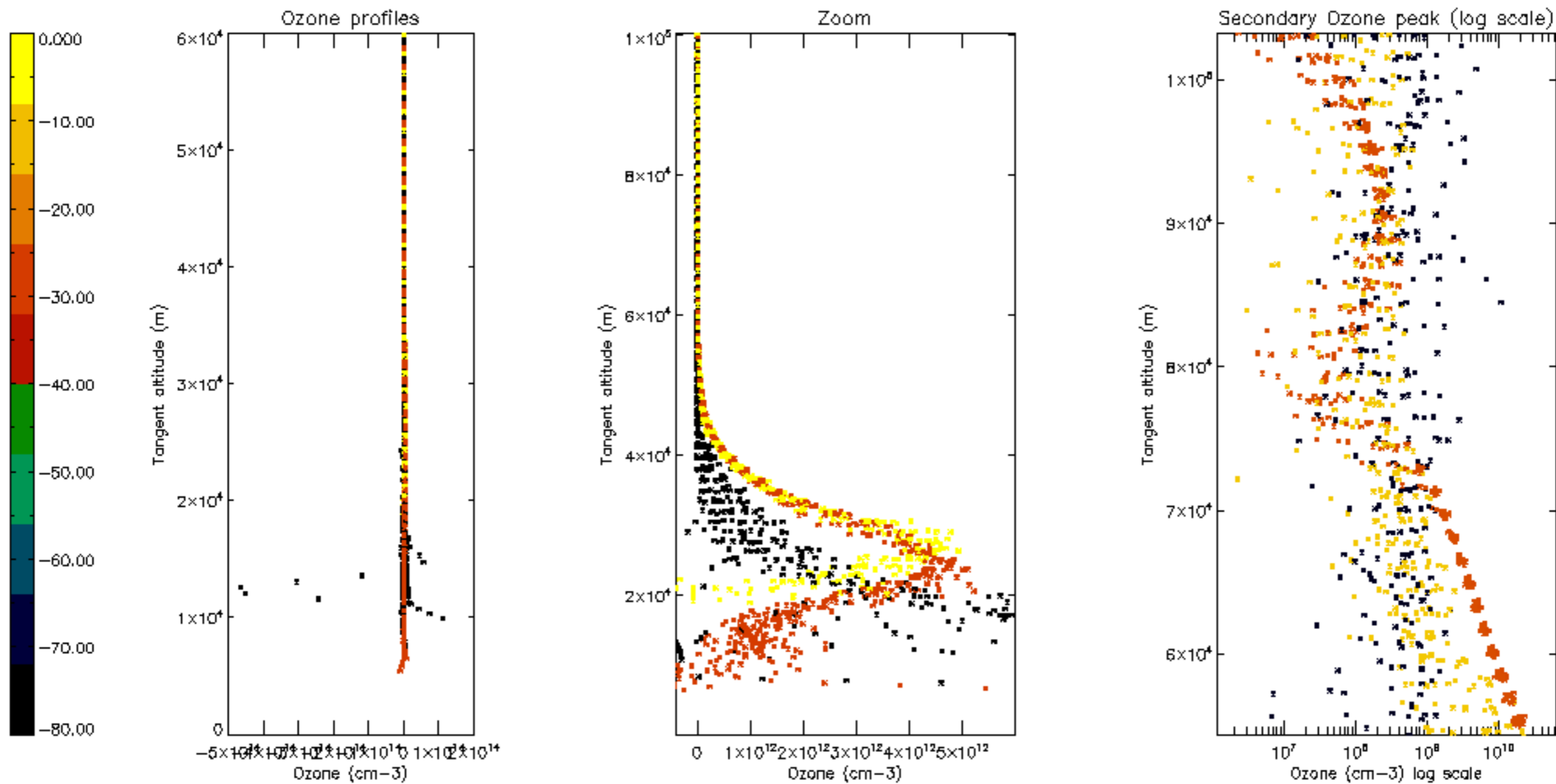


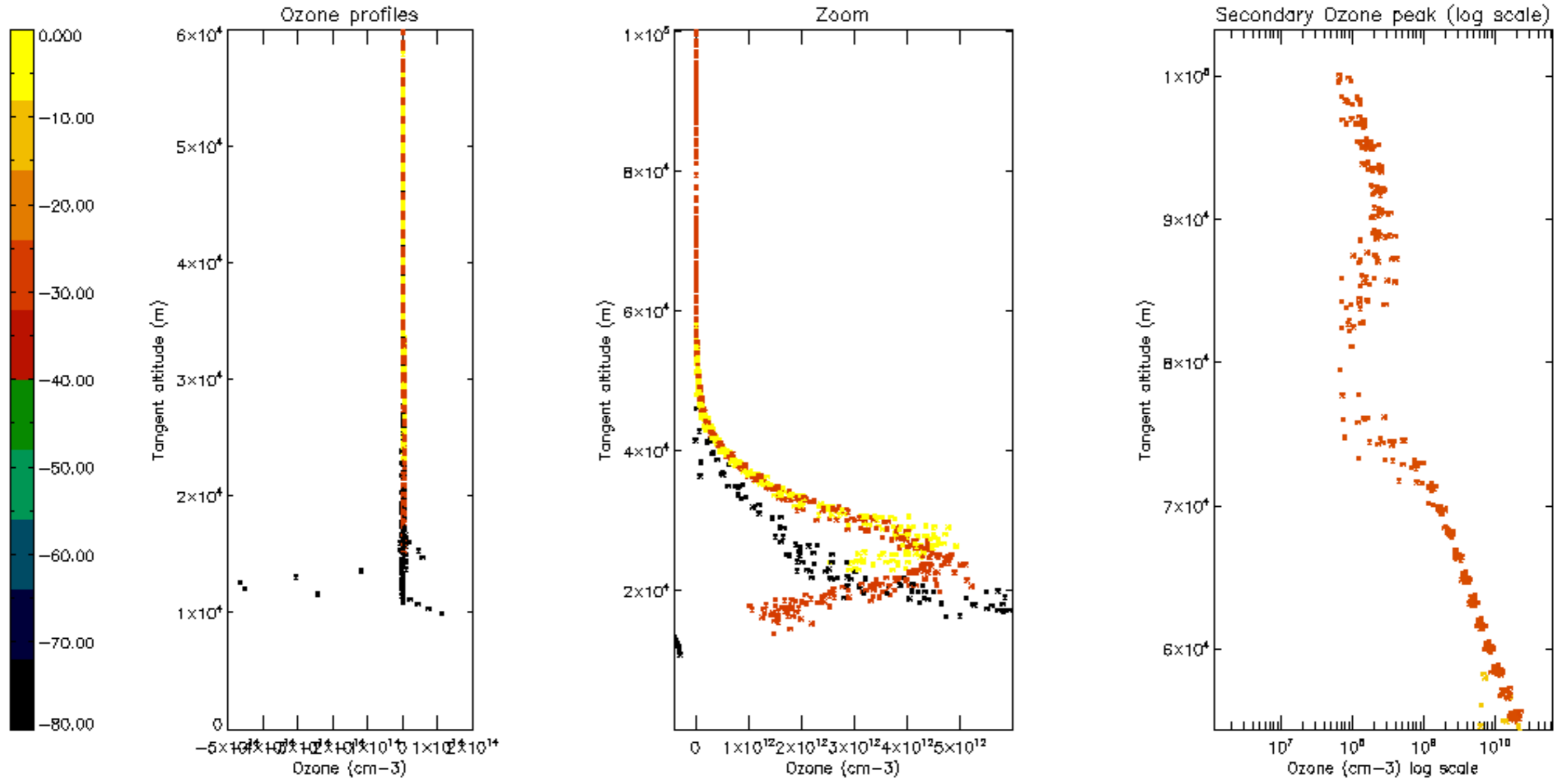
Percentage of star falling outside central band per profile

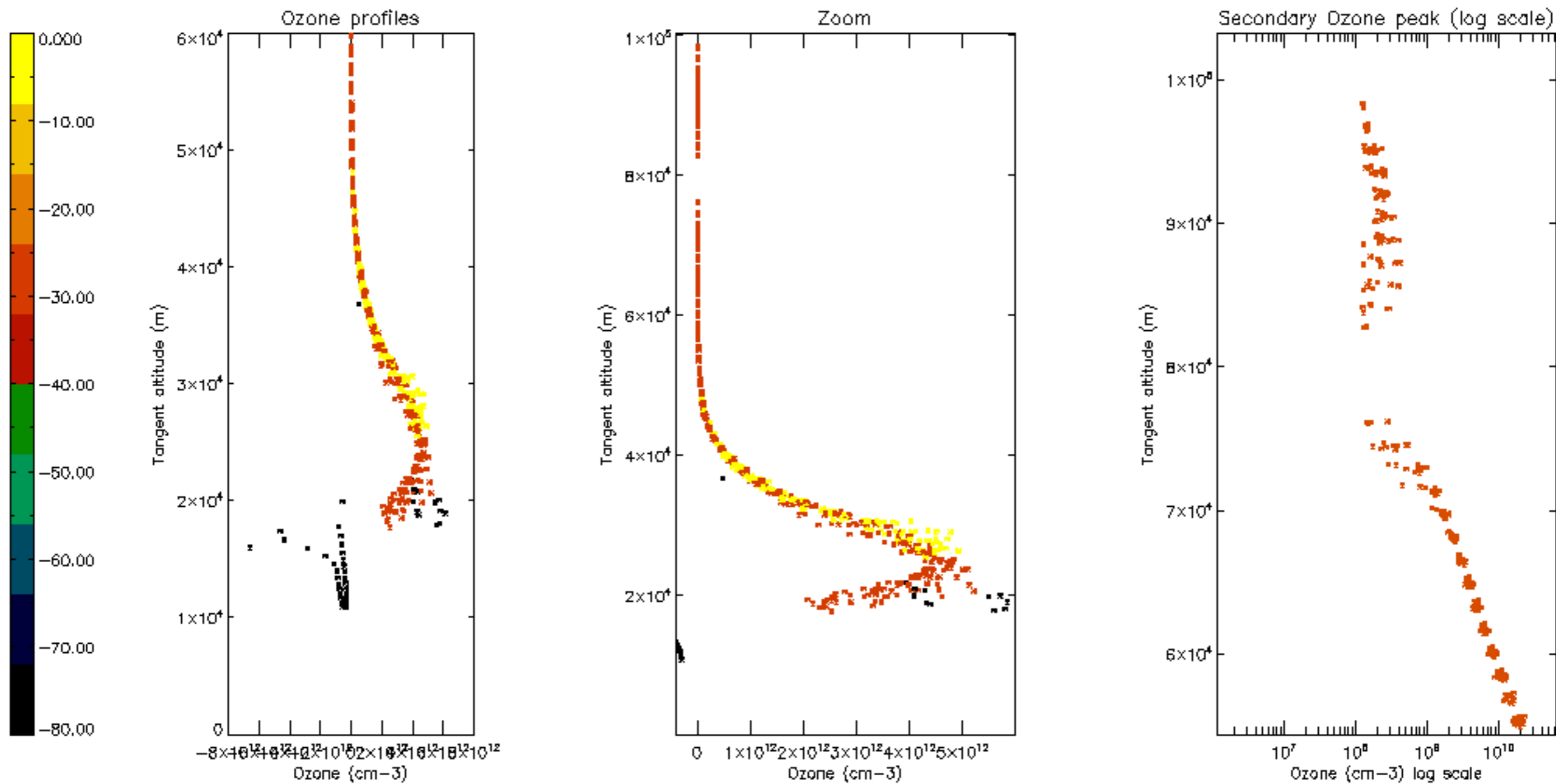


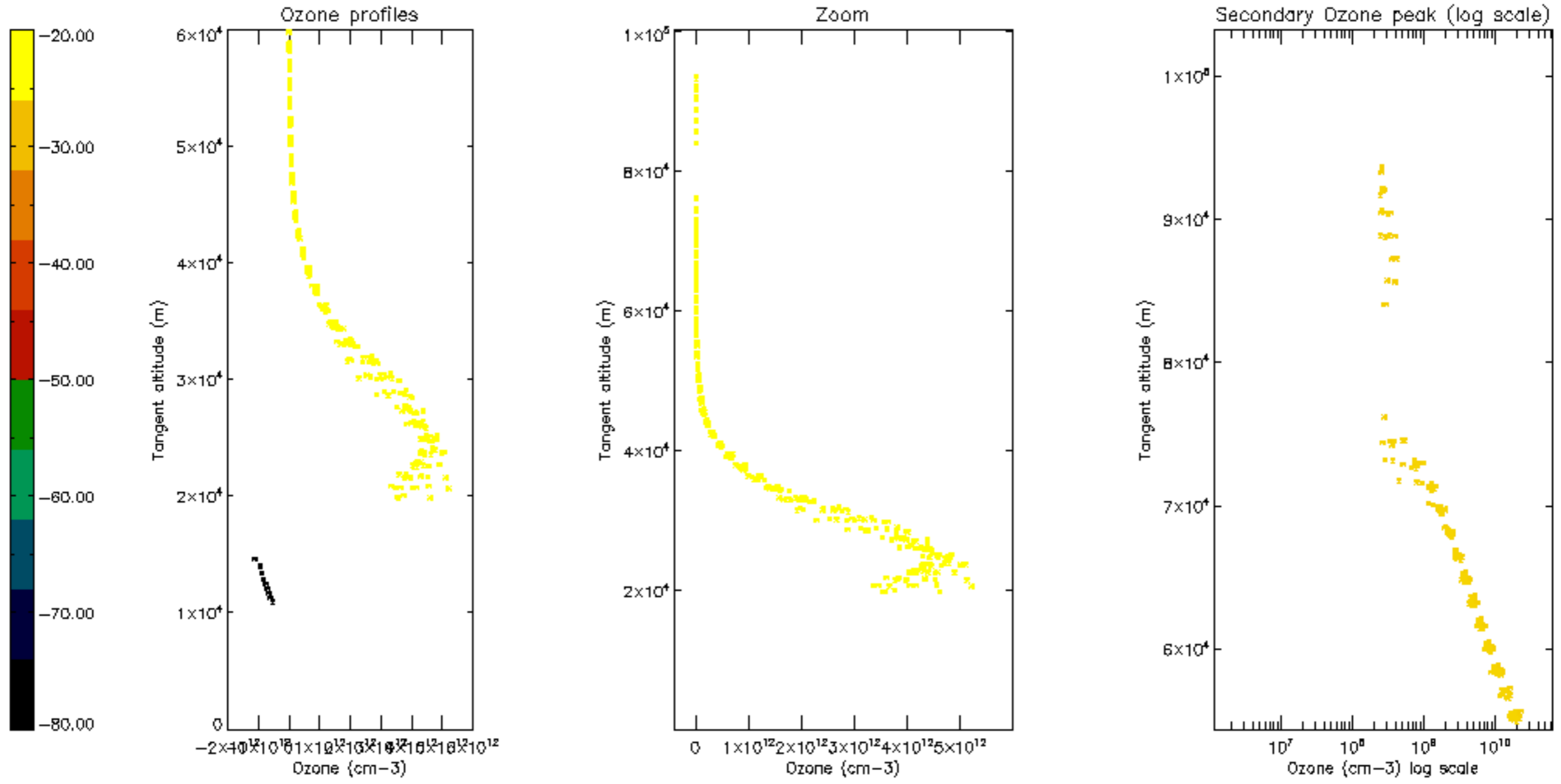
Percentage of saturation errors per profile

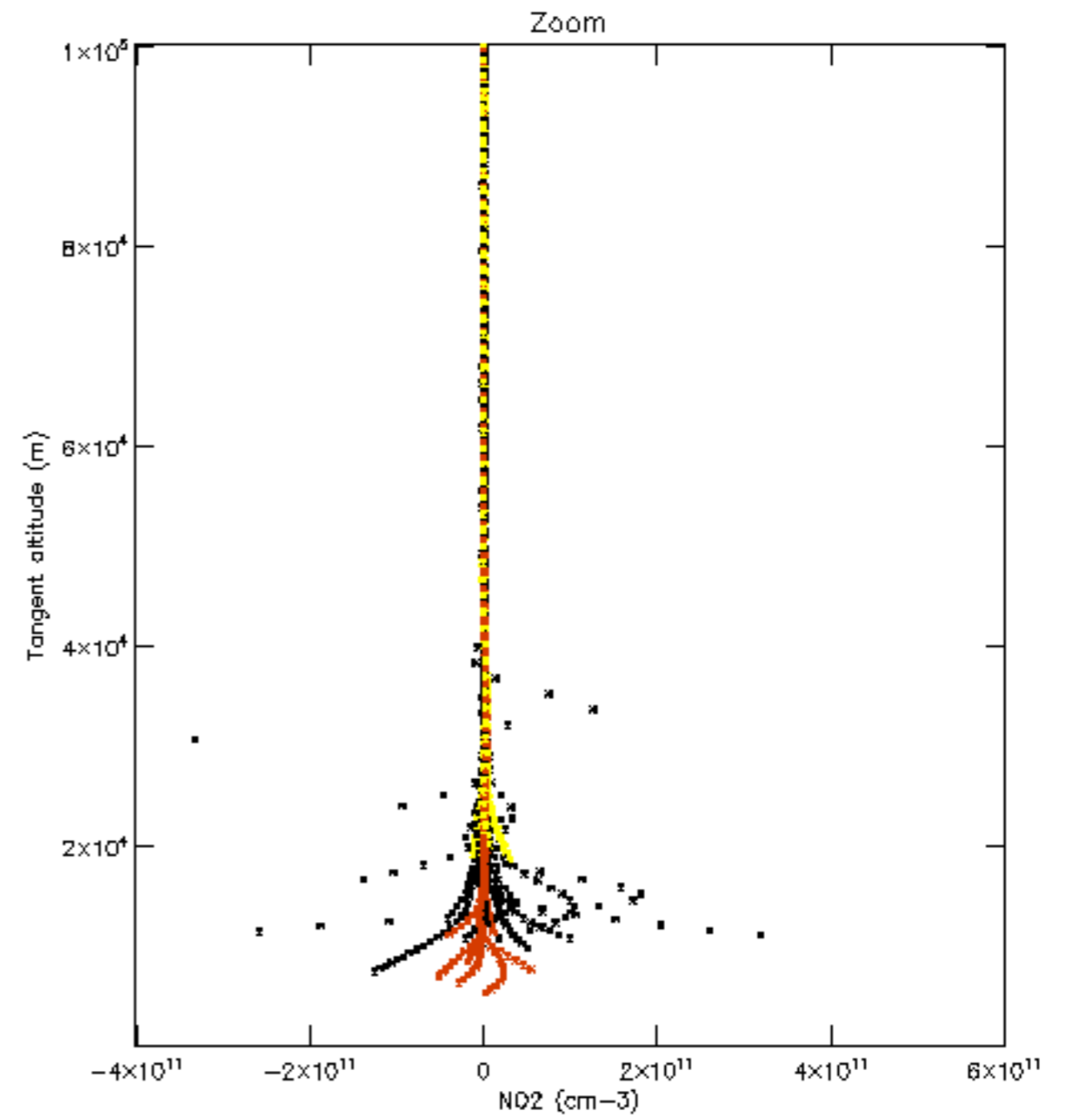
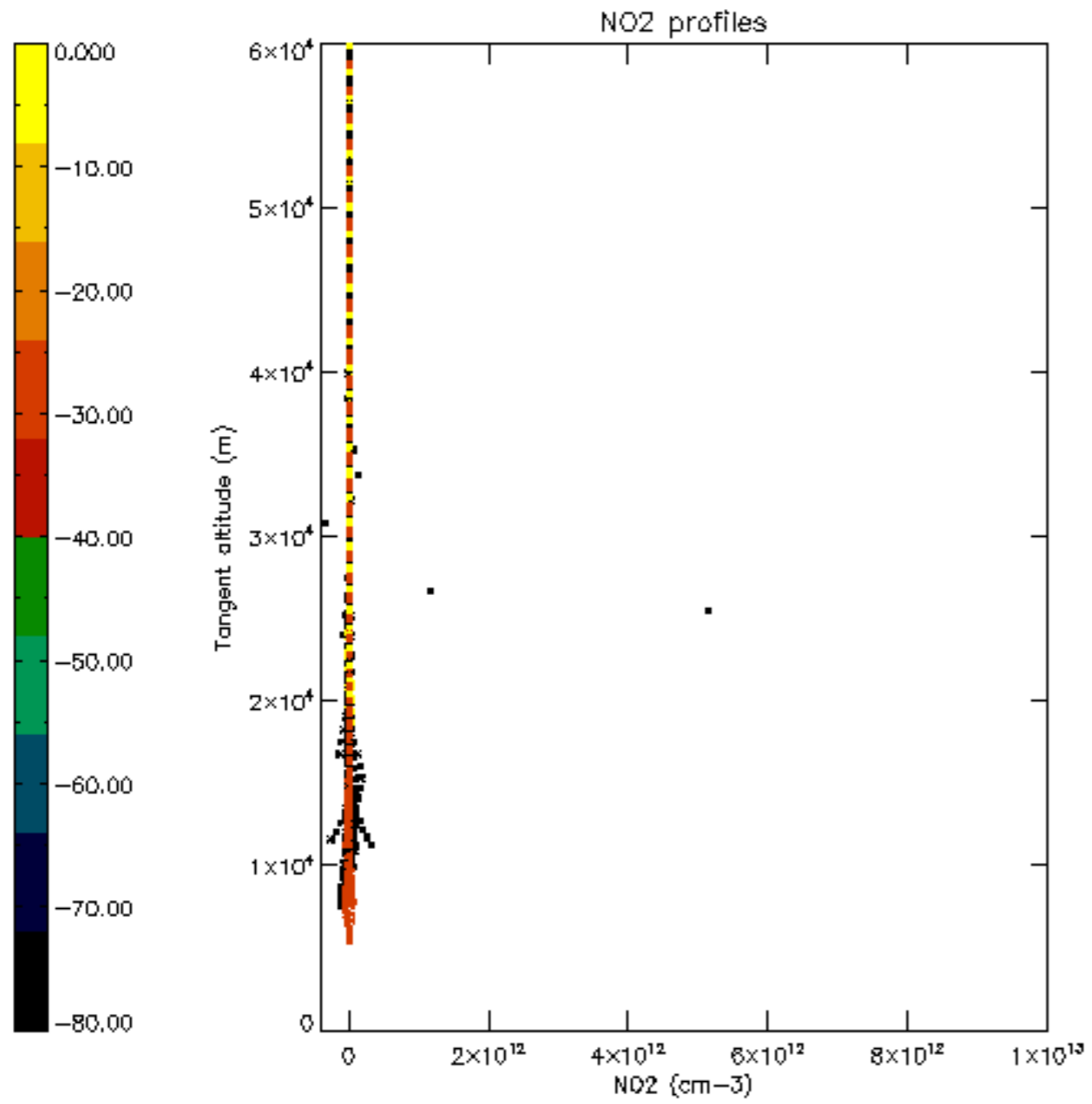


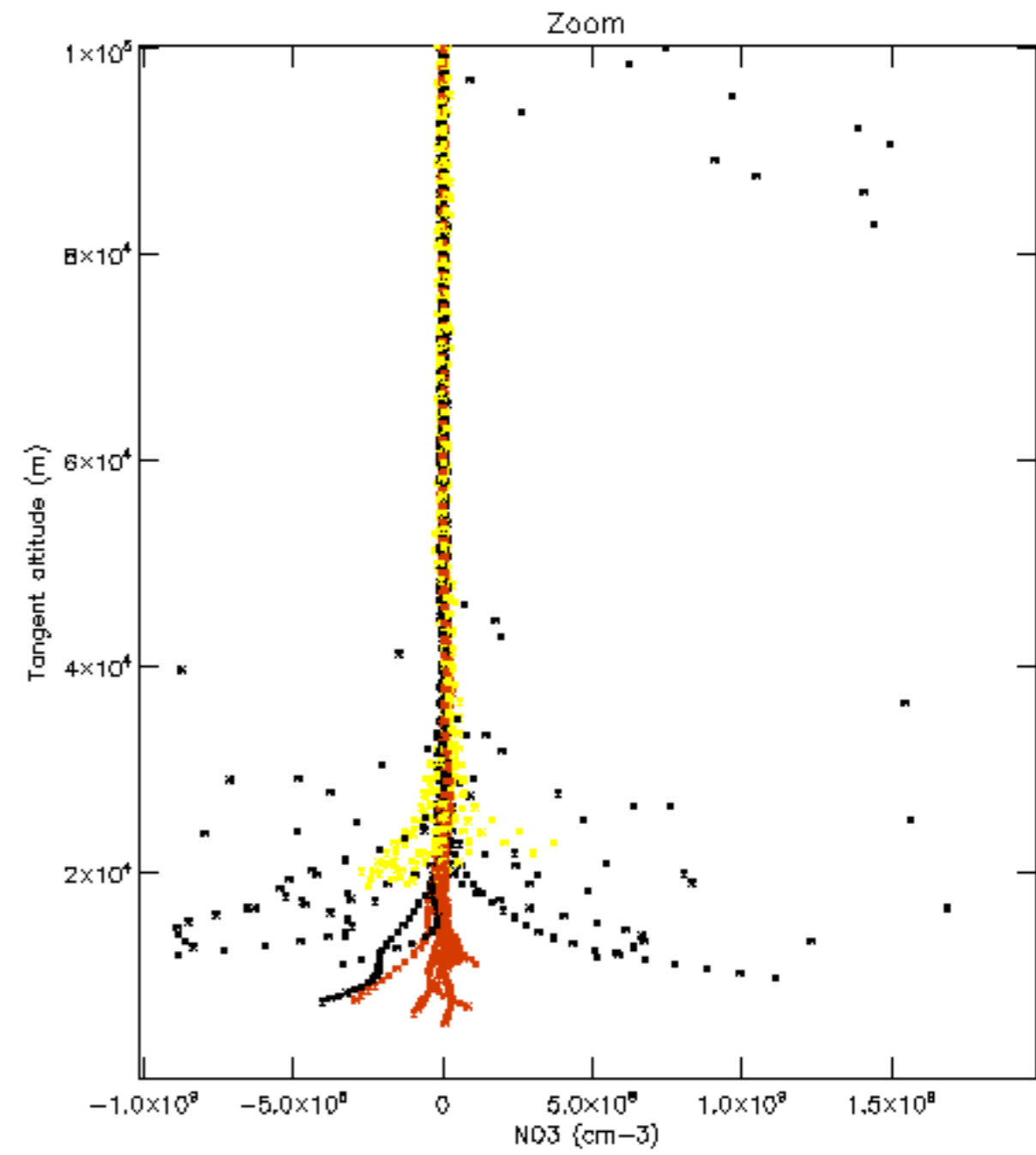
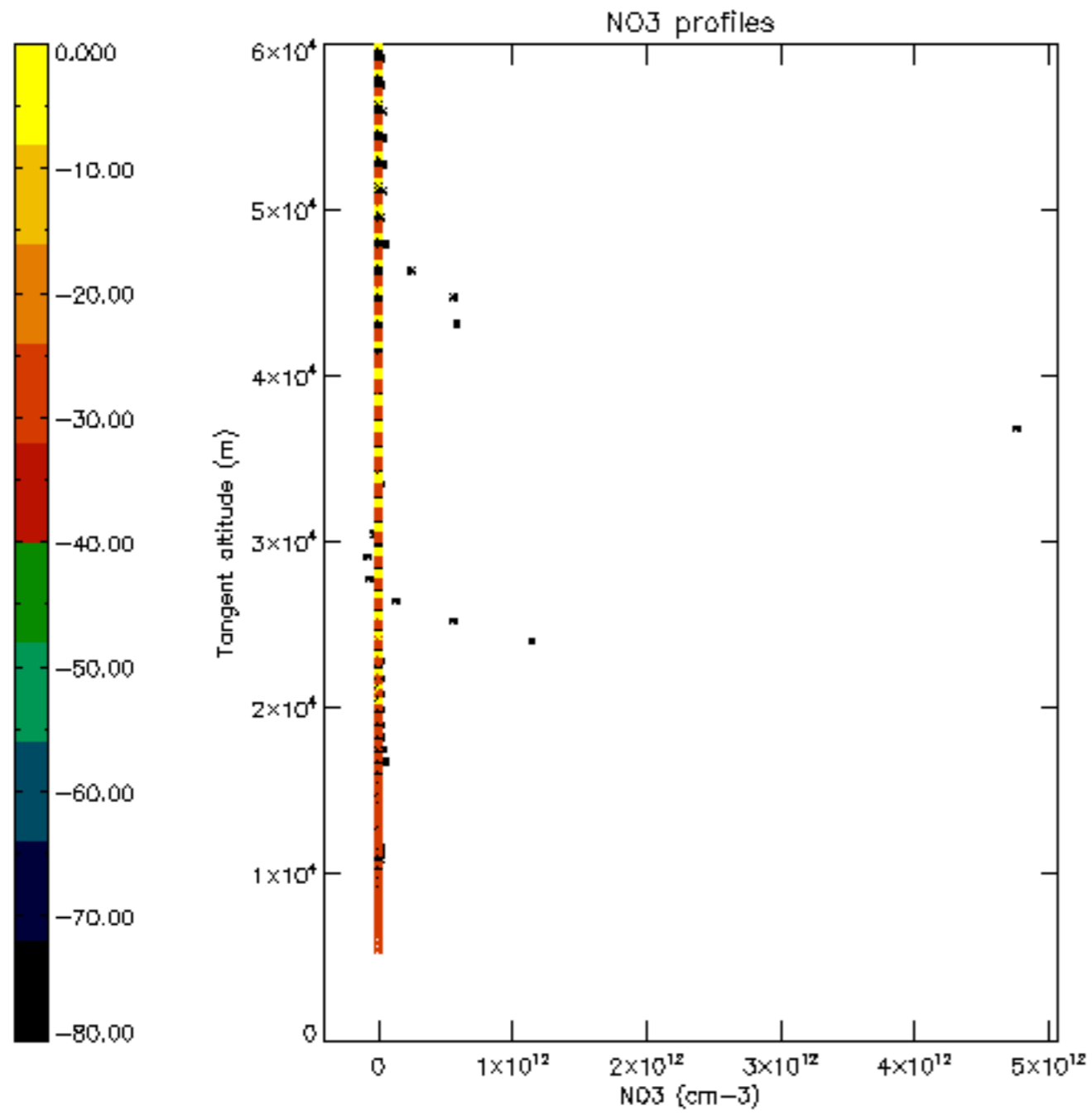


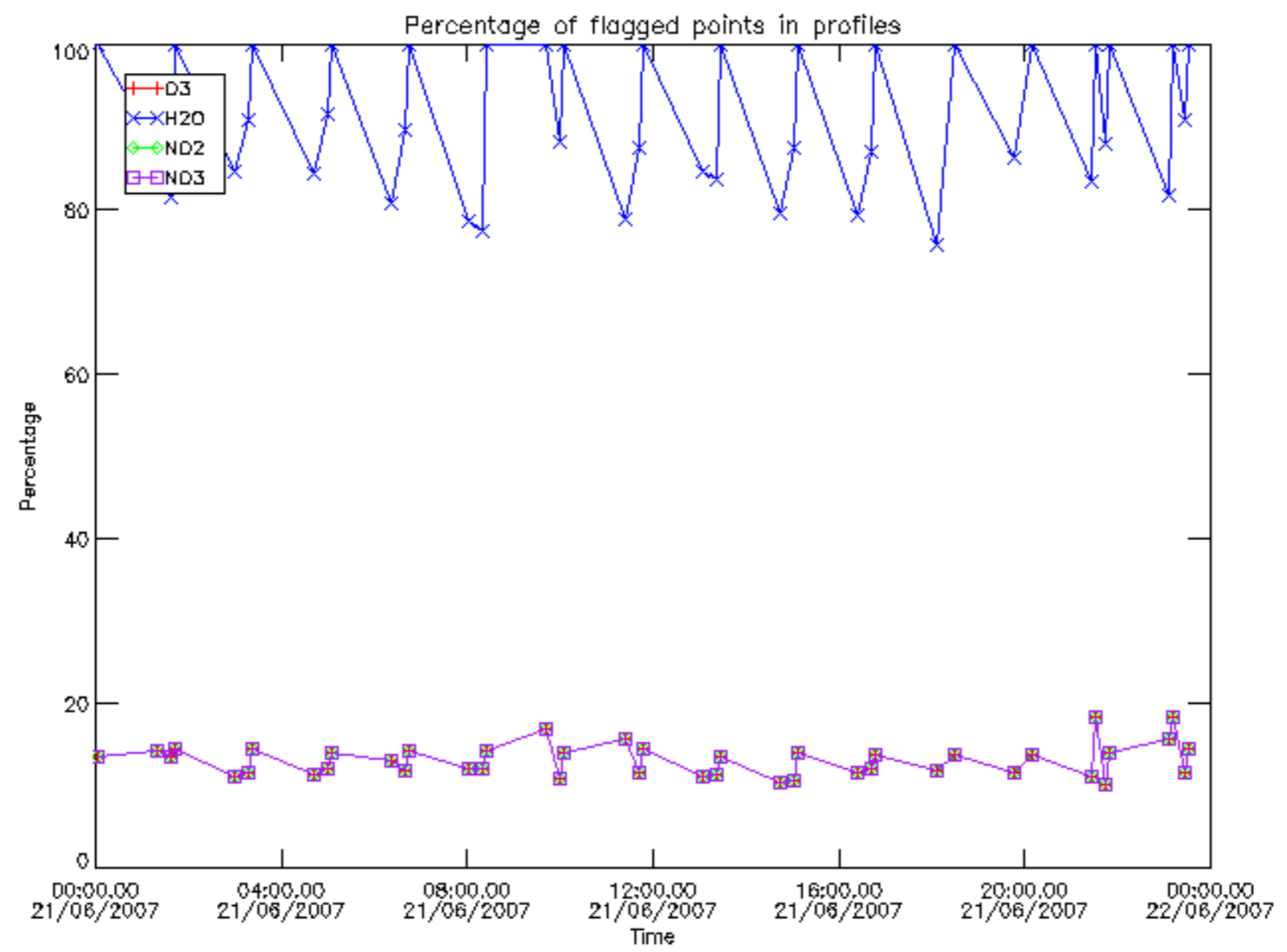




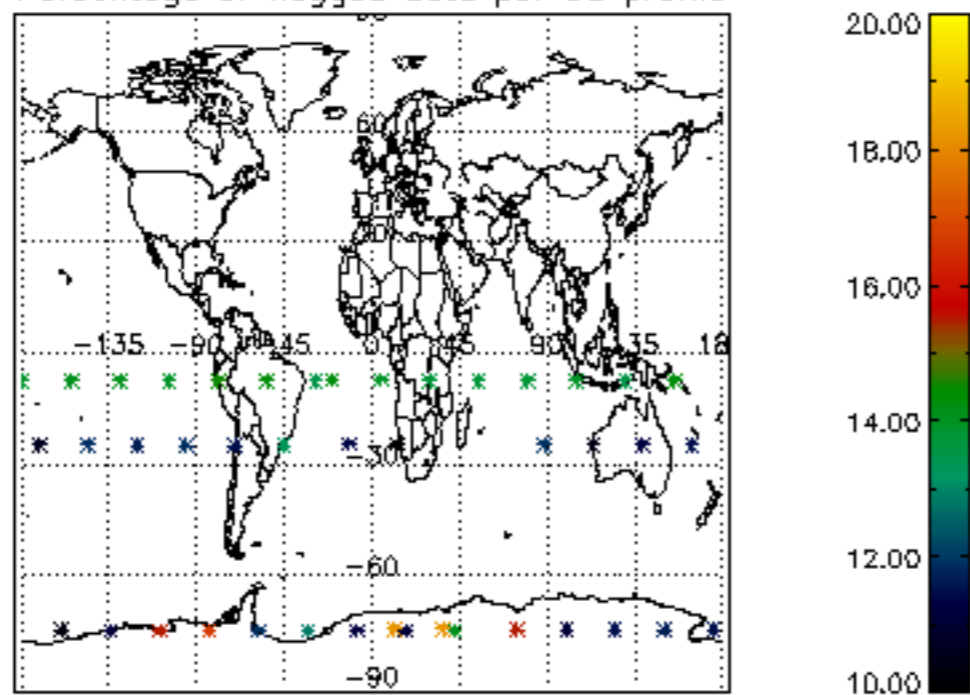




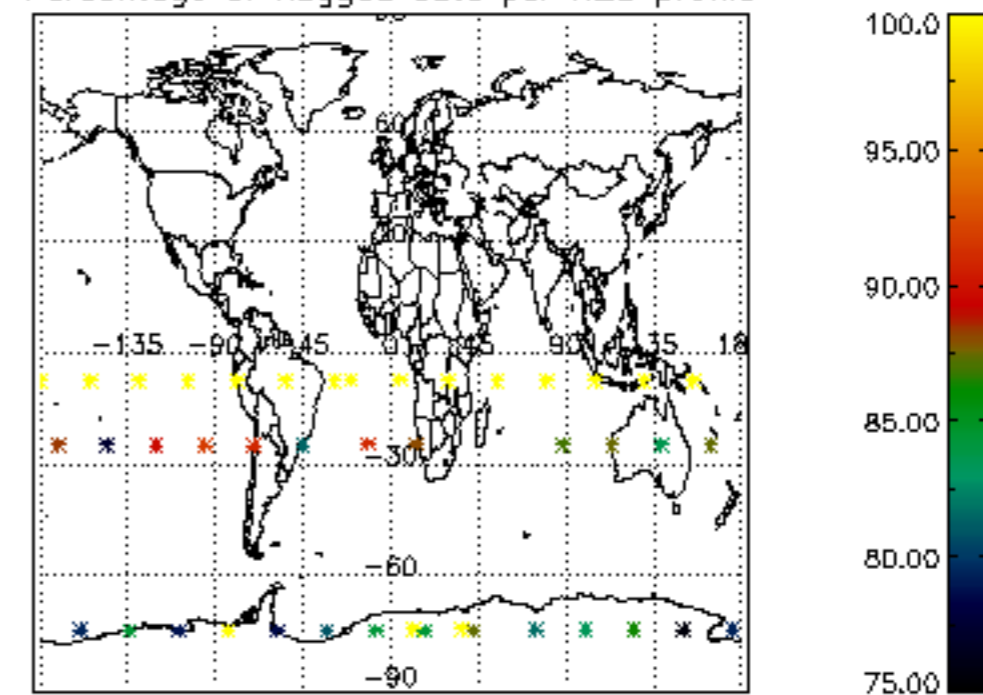




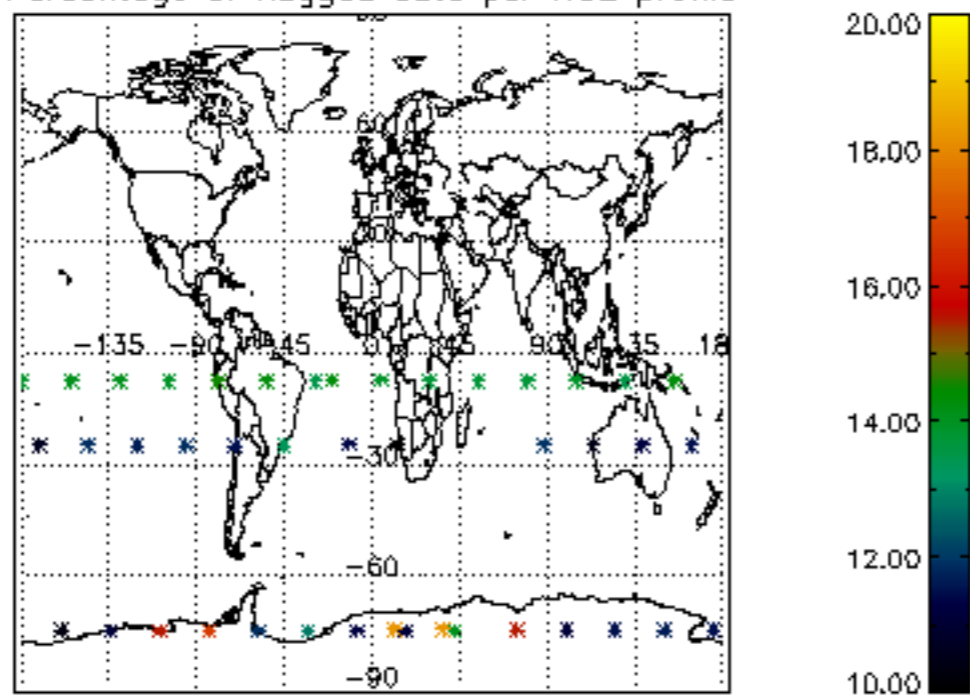
Percentage of flagged data per D3 profile



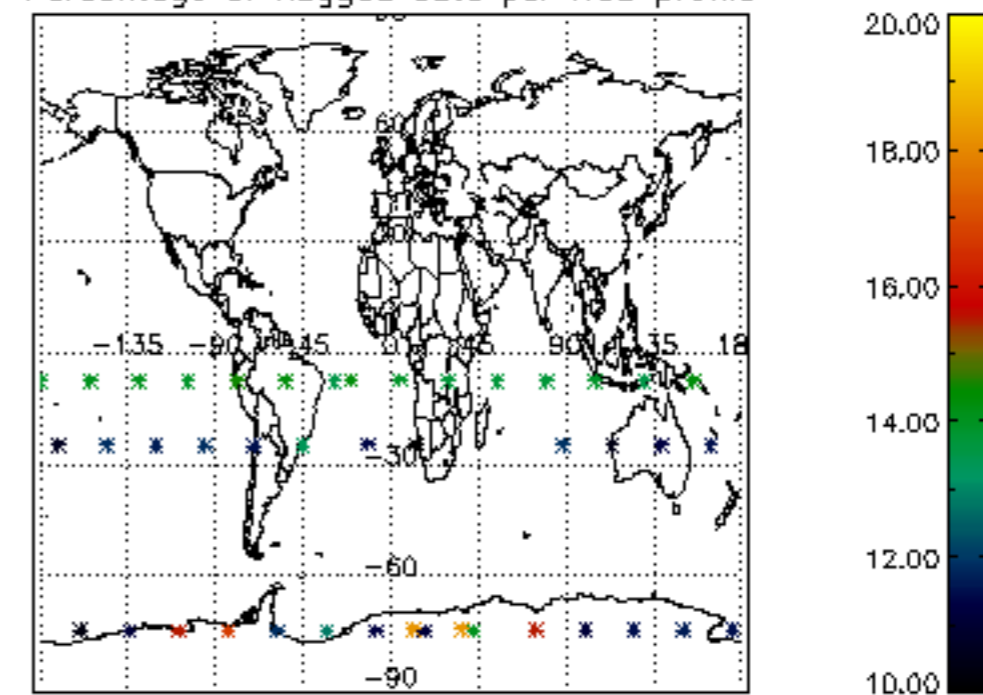
Percentage of flagged data per H2O profile

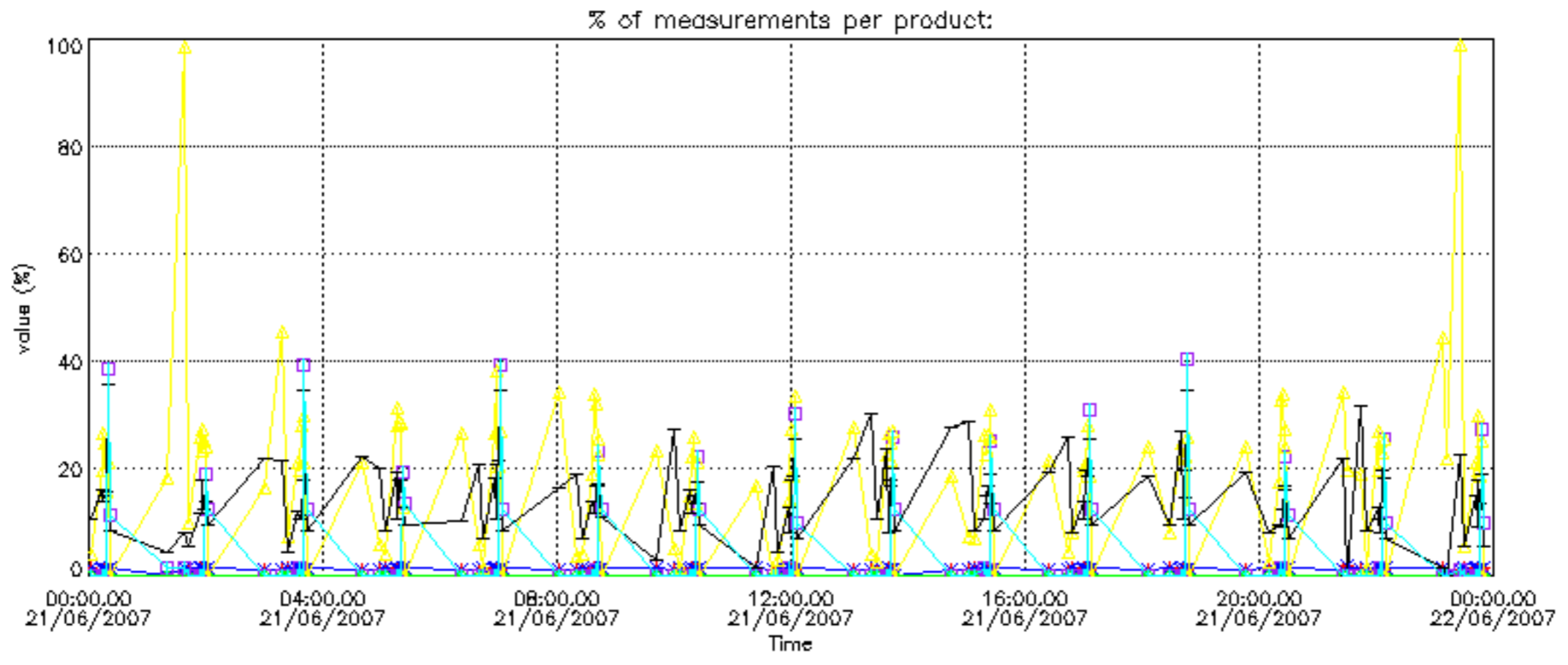


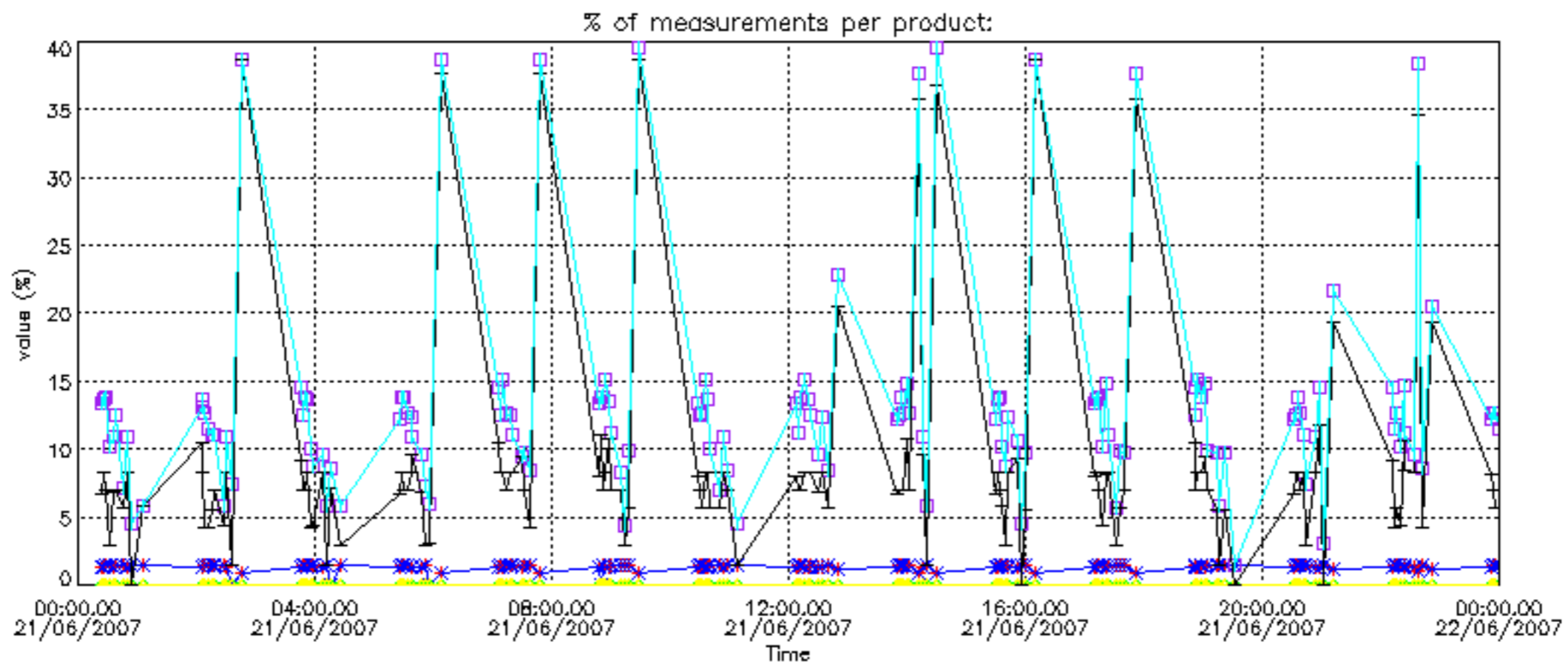
Percentage of flagged data per NO2 profile



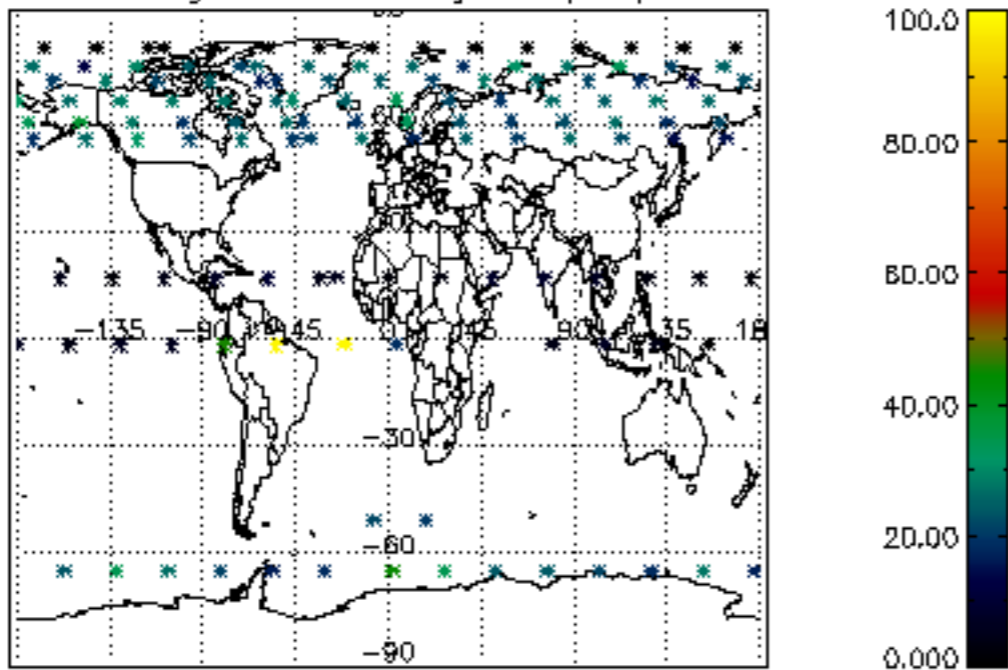
Percentage of flagged data per NO3 profile



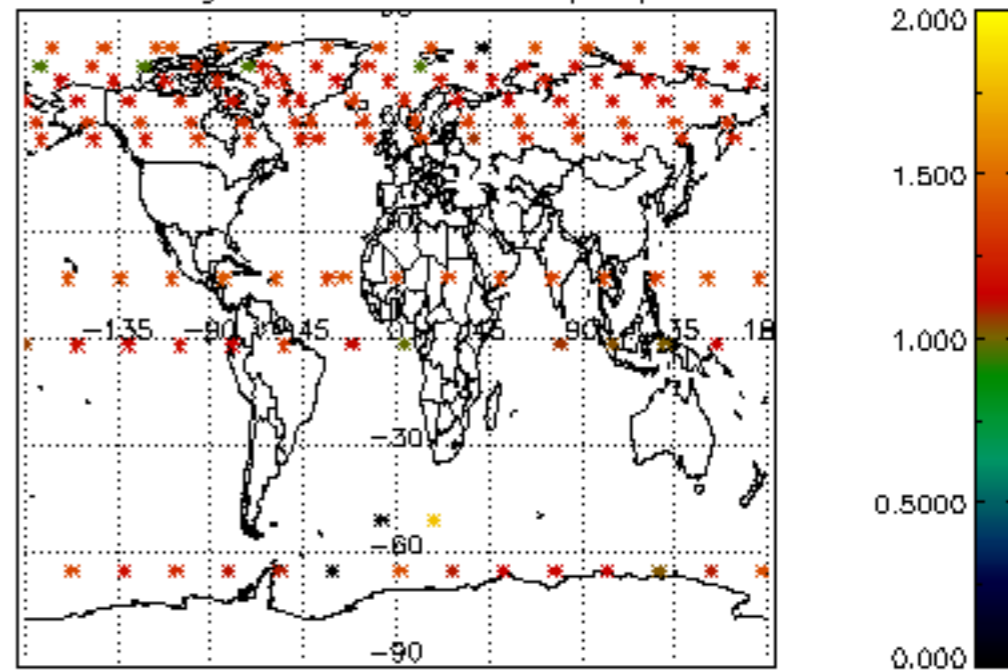




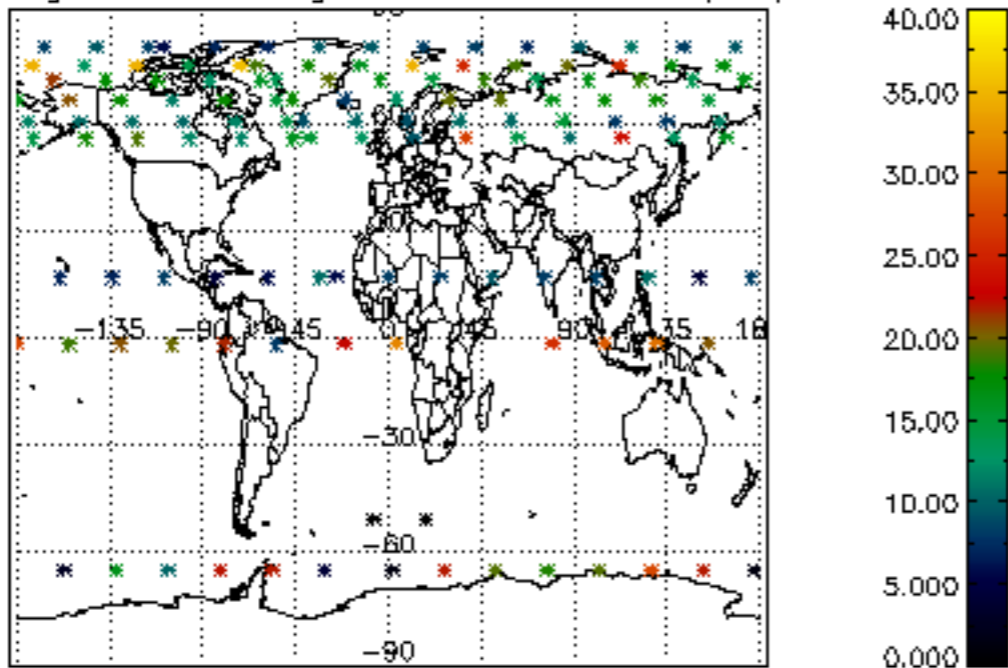
Percentage of cosmic ray hits per profile



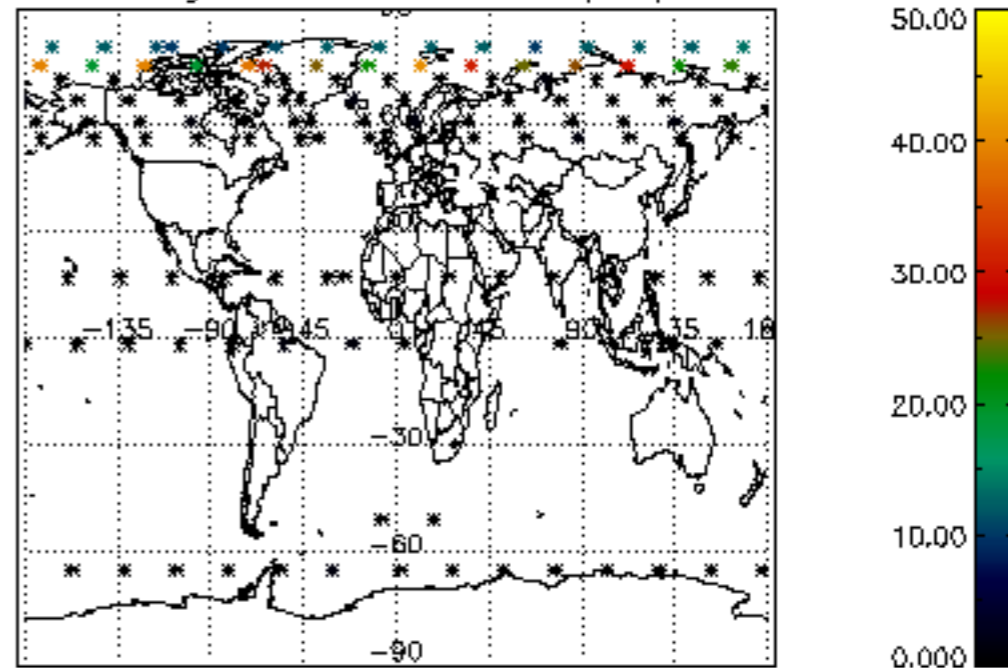
Percentage of datation errors per profile



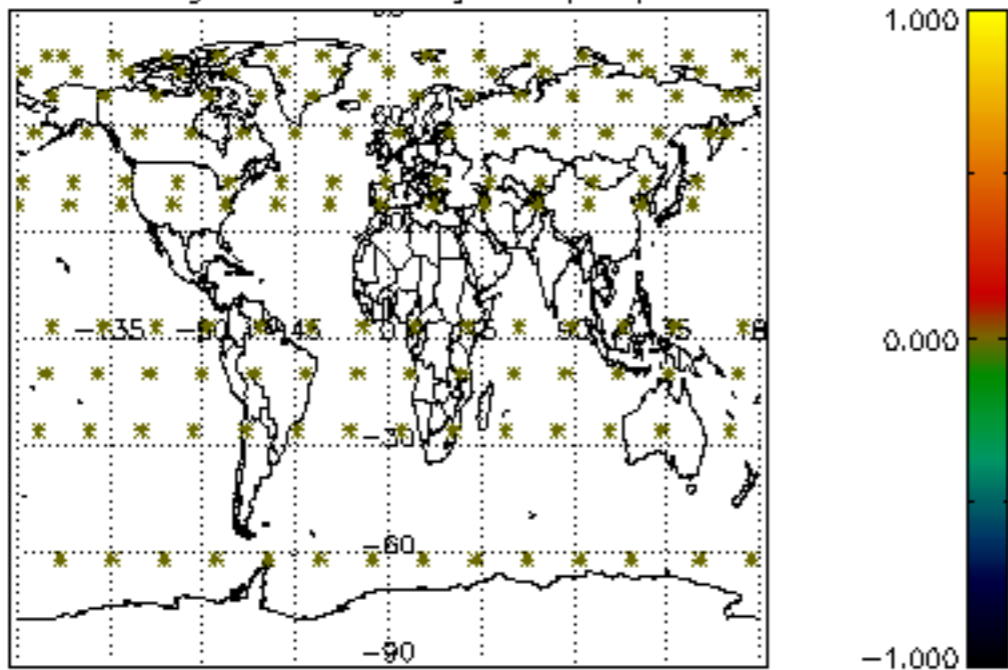
Percentage of star falling outside central band per profile



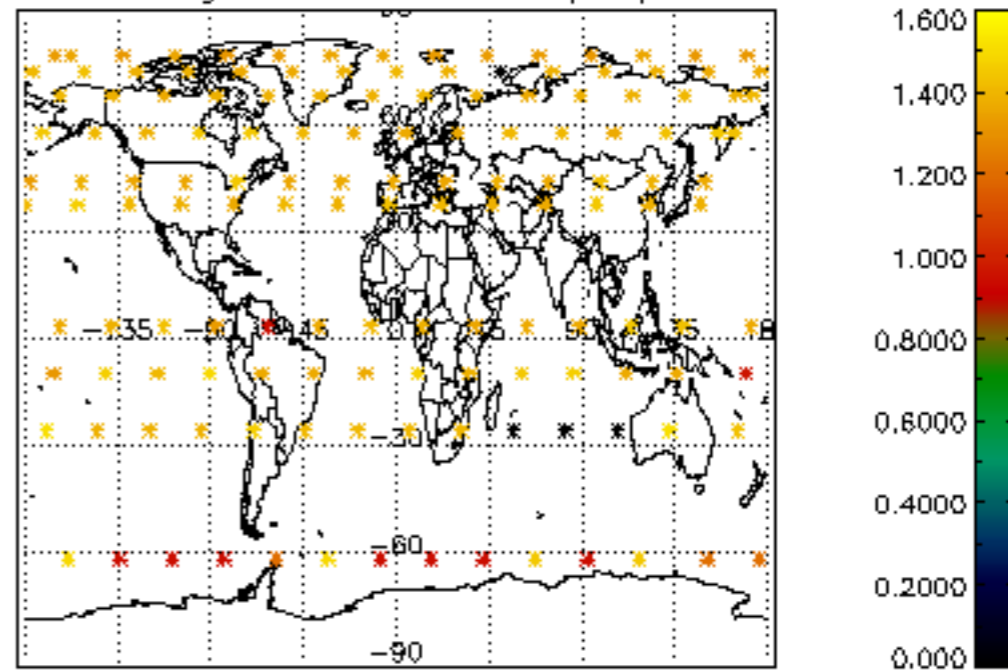
Percentage of saturation errors per profile



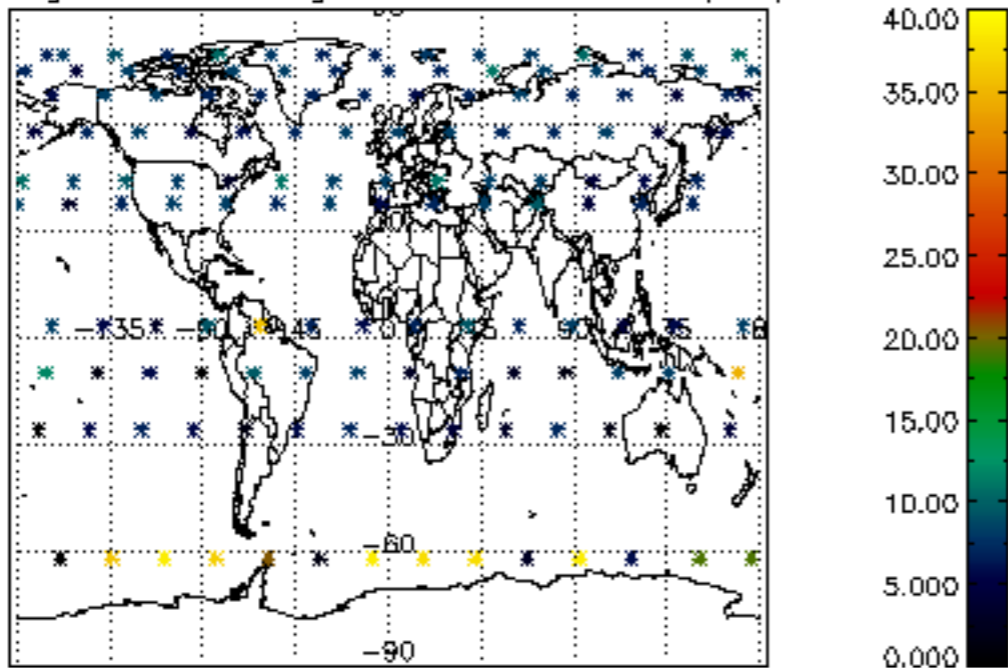
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

