

# 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	23APR2013 11:22:37
Data source version	GOMOS/6.01
Start time of products	15-11-2007 (15NOV2007 00:00:00)
Stop time of products	16-11-2007 (16NOV2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	267
Nb of prods with errors	0

## 2. Summary of processed GOM\_NL\_\_2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20071115_001458_000000382063_00231_29844_1572.N1	15-NOV-2007 00:14:58	Bright	37.500	105	6Bet Ari	2.6450	8900.0	75	29844	No
2	GOM_NL__2PRFIN20071115_001859_000000372063_00231_29844_1573.N1	15-NOV-2007 00:18:59	Bright	36.500	173	4Bet Tri	3.0040	8900.0	73	29844	No
3	GOM_NL__2PRFIN20071115_002103_000000372063_00231_29844_1574.N1	15-NOV-2007 00:21:03	Bright	37.000	73	57Gam1And	2.2600	13100.	74	29844	No
4	GOM_NL__2PRFIN20071115_002521_000000372063_00231_29844_1575.N1	15-NOV-2007 00:25:21	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	29844	No
5	GOM_NL__2PRFIN20071115_003417_000000322063_00231_29844_1576.N1	15-NOV-2007 00:34:17	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	29844	No
6	GOM_NL__2PRFIN20071115_003836_000000362063_00231_29844_1577.N1	15-NOV-2007 00:38:36	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	29844	No
7	GOM_NL__2PRFIN20071115_004415_000000372063_00231_29844_1578.N1	15-NOV-2007 00:44:15	Bright	36.500	32	77Eps UMa	1.7630	11000.	73	29844	No
8	GOM_NL__2PRFIN20071115_004553_000000362063_00231_29844_1579.N1	15-NOV-2007 00:45:53	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	29844	No
9	GOM_NL__2PRFIN20071115_004922_000000352063_00231_29844_1580.N1	15-NOV-2007 00:49:22	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	29844	No
10	GOM_NL__2PRFIN20071115_005424_000000332063_00231_29844_1581.N1	15-NOV-2007 00:54:24	Bright	32.500	111	8Eta Boo	2.6800	6000.0	65	29844	No
11	GOM_NL__2PRFIN20071115_005704_000000342063_00231_29844_1582.N1	15-NOV-2007 00:57:04	Bright	33.500	138	47Eps Vir	2.8280	4700.0	67	29844	No
12	GOM_NL__2PRFIN20071115_010052_000000352063_00231_29844_1583.N1	15-NOV-2007 01:00:52	Bright	34.500	121	29Gam Vir	2.7400	7200.0	69	29844	No
13	GOM_NL__2PRFIN20071115_010553_000000412063_00231_29844_1584.N1	15-NOV-2007 01:05:53	Twilight	40.500	100	4Gam Crv	2.5800	13100.	81	29844	No
14	GOM_NL__2PRFIN20071115_010724_000000462063_00231_29844_1585.N1	15-NOV-2007 01:07:24	Twilight	45.500	171	2Eps Crv	3.0010	4250.0	91	29844	No
15	GOM_NL__2PRFIN20071115_011342_000000372063_00231_29844_1586.N1	15-NOV-2007 01:13:42	Dark	37.000	64	Gam Cen	2.2000	10600.	74	29844	No
16	GOM_NL__2PRFIN20071115_011559_000000422063_00231_29844_1587.N1	15-NOV-2007 01:15:59	Dark	41.500	26	Gam Cru	1.6240	2900.0	83	29844	No
17	GOM_NL__2PRFIN20071115_011736_000000372063_00231_29844_1588.N1	15-NOV-2007 01:17:36	Dark	37.000	12	Alp1Cru	0.77500	30000.	74	29844	No
18	GOM_NL__2PRFIN20071115_011937_000000372063_00232_29845_1583.N1	15-NOV-2007 01:19:37	Dark	37.000	124	The Car	2.7640	30000.	74	29845	No
19	GOM_NL__2PRFIN20071115_013747_000000382063_00232_29845_1584.N1	15-NOV-2007 01:37:47	Straylight	37.500	157	The1Eri	2.9060	9300.0	75	29845	No
20	GOM_NL__2PRFIN20071115_015534_000000372063_00232_29845_1585.N1	15-NOV-2007 01:55:34	Bright	36.500	105	6Bet Ari	2.6450	8900.0	73	29845	No
21	GOM_NL__2PRFIN20071115_015935_000000372063_00232_29845_1586.N1	15-NOV-2007 01:59:35	Bright	36.500	173	4Bet Tri	3.0040	8900.0	73	29845	No
22	GOM_NL__2PRFIN20071115_020139_000000372063_00232_29845_1587.N1	15-NOV-2007 02:01:39	Bright	37.000	73	57Gam1And	2.2600	13100.	74	29845	No
23	GOM_NL__2PRFIN20071115_020557_000000362063_00232_29845_1588.N1	15-NOV-2007 02:05:57	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	29845	No
24	GOM_NL__2PRFIN20071115_021453_000000332063_00232_29845_1589.N1	15-NOV-2007 02:14:53	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	29845	No
25	GOM_NL__2PRFIN20071115_021912_000000372063_00232_29845_1590.N1	15-NOV-2007 02:19:12	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	29845	No
26	GOM_NL__2PRFIN20071115_022451_000000362063_00232_29845_1591.N1	15-NOV-2007 02:24:51	Bright	36.000	32	77Eps UMa	1.7630	11000.	72	29845	No
27	GOM_NL__2PRFIN20071115_022629_000000342063_00232_29845_1592.N1	15-NOV-2007 02:26:29	Bright	34.000	39	85Eta UMa	1.8540	24000.	68	29845	No
28	GOM_NL__2PRFIN20071115_022958_000000342063_00232_29845_1593.N1	15-NOV-2007 02:29:58	Bright	33.500	152	12Alp2CVn	2.8900	11000.	67	29845	No
29	GOM_NL__2PRFIN20071115_023500_000000332063_00232_29845_1594.N1	15-NOV-2007 02:35:00	Bright	32.500	111	8Eta Boo	2.6800	6000.0	65	29845	No
30	GOM_NL__2PRFIN20071115_023741_000000332063_00232_29845_1595.N1	15-NOV-2007 02:37:41	Bright	33.000	138	47Eps Vir	2.8280	4700.0	66	29845	No
31	GOM_NL__2PRFIN20071115_024129_000000352063_00232_29845_1596.N1	15-NOV-2007 02:41:29	Bright	35.000	121	29Gam Vir	2.7400	7200.0	70	29845	No
32	GOM_NL__2PRFIN20071115_024629_000000402063_00232_29845_1597.N1	15-NOV-2007 02:46:29	Twilight	40.000	100	4Gam Crv	2.5800	13100.	80	29845	No
33	GOM_NL__2PRFIN20071115_024800_000000422063_00232_29845_1598.N1	15-NOV-2007 02:48:00	Twilight	42.000	171	2Eps Crv	3.0010	4250.0	84	29845	No
34	GOM_NL__2PRFIN20071115_025418_000000382063_00232_29845_1599.N1	15-NOV-2007 02:54:18	Dark	38.000	64	Gam Cen	2.2000	10600.	76	29845	No
35	GOM_NL__2PRFIN20071115_025635_000000502063_00232_29845_1600.N1	15-NOV-2007 02:56:35	Dark	49.500	26	Gam Cru	1.6240	2900.0	99	29845	No
36	GOM_NL__2PRFIN20071115_025812_000000432063_00232_29845_1601.N1	15-NOV-2007 02:58:12	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	29845	No
37	GOM_NL__2PRFIN20071115_030013_000000362063_00233_29846_1611.N1	15-NOV-2007 03:00:13	Dark	36.000	124	The Car	2.7640	30000.	72	29846	No
38	GOM_NL__2PRFIN20071115_031823_000000372063_00233_29846_1612.N1	15-NOV-2007 03:18:23	Straylight	37.000	157	The1Eri	2.9060	9300.0	74	29846	No
39	GOM_NL__2PRFIN20071115_033610_000000362063_00233_29846_1613.N1	15-NOV-2007 03:36:10	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	29846	No
40	GOM_NL__2PRFIN20071115_034011_000000362063_00233_29846_1614.N1	15-NOV-2007 03:40:11	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	29846	No
41	GOM_NL__2PRFIN20071115_034215_000000362063_00233_29846_1615.N1	15-NOV-2007 03:42:15	Bright	36.000	73	57Gam1And	2.2600	13100.	72	29846	No
42	GOM_NL__2PRFIN20071115_034633_000000352063_00233_29846_1616.N1	15-NOV-2007 03:46:33	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	29846	No

43	GOM_NL__2PRFIN20071115_035529_000000372063_00233_29846_1617.N1	15-NOV-2007 03:55:29	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	29846	No
44	GOM_NL__2PRFIN20071115_035949_000000332063_00233_29846_1618.N1	15-NOV-2007 03:59:49	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	29846	No
45	GOM_NL__2PRFIN20071115_040527_000000352063_00233_29846_1619.N1	15-NOV-2007 04:05:27	Bright	34.500	32	77Eps UMa	1.7630	11000.	69	29846	No
46	GOM_NL__2PRFIN20071115_040705_000000342063_00233_29846_1620.N1	15-NOV-2007 04:07:05	Bright	33.500	39	85Eta UMa	1.8540	24000.	67	29846	No
47	GOM_NL__2PRFIN20071115_041034_000000352063_00233_29846_1621.N1	15-NOV-2007 04:10:34	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	29846	No
48	GOM_NL__2PRFIN20071115_041536_000000322063_00233_29846_1622.N1	15-NOV-2007 04:15:36	Bright	32.000	111	8Eta Boo	2.6800	6000.0	64	29846	No
49	GOM_NL__2PRFIN20071115_041817_000000342063_00233_29846_1623.N1	15-NOV-2007 04:18:17	Bright	33.500	138	47Eps Vir	2.8280	4700.0	67	29846	No
50	GOM_NL__2PRFIN20071115_042205_000000352063_00233_29846_1624.N1	15-NOV-2007 04:22:05	Bright	35.000	121	29Gam Vir	2.7400	7200.0	70	29846	No
51	GOM_NL__2PRFIN20071115_042706_000000432063_00233_29846_1625.N1	15-NOV-2007 04:27:06	Twilight	43.000	100	4Gam Crv	2.5800	13100.	86	29846	No
52	GOM_NL__2PRFIN20071115_042836_000000422063_00233_29846_1626.N1	15-NOV-2007 04:28:36	Twilight	41.500	171	2Eps Crv	3.0010	4250.0	83	29846	No
53	GOM_NL__2PRFIN20071115_043454_000000392063_00233_29846_1627.N1	15-NOV-2007 04:34:54	Dark	38.500	64	Gam Cen	2.2000	10600.	77	29846	No
54	GOM_NL__2PRFIN20071115_043711_000000522063_00233_29846_1628.N1	15-NOV-2007 04:37:11	Dark	52.000	26	Gam Cru	1.6240	2900.0	104	29846	No
55	GOM_NL__2PRFIN20071115_043848_000000422063_00233_29846_1629.N1	15-NOV-2007 04:38:48	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	29846	No
56	GOM_NL__2PRFIN20071115_044050_000000372063_00234_29847_1619.N1	15-NOV-2007 04:40:50	Dark	36.500	124	The Car	2.7640	30000.	73	29847	No
57	GOM_NL__2PRFIN20071115_045900_000000372063_00234_29847_1620.N1	15-NOV-2007 04:59:00	Straylight	37.000	157	The1Eri	2.9060	9300.0	74	29847	No
58	GOM_NL__2PRFIN20071115_051646_000000372063_00234_29847_1621.N1	15-NOV-2007 05:16:46	Bright	37.000	105	6Bet Ari	2.6450	8900.0	74	29847	No
59	GOM_NL__2PRFIN20071115_052047_000000352063_00234_29847_1622.N1	15-NOV-2007 05:20:47	Bright	35.000	173	4Bet Tri	3.0040	8900.0	70	29847	No
60	GOM_NL__2PRFIN20071115_052251_000000362063_00234_29847_1623.N1	15-NOV-2007 05:22:51	Bright	36.000	73	57Gam1And	2.2600	13100.	72	29847	No
61	GOM_NL__2PRFIN20071115_052709_000000372063_00234_29847_1624.N1	15-NOV-2007 05:27:09	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	29847	No
62	GOM_NL__2PRFIN20071115_053605_000000332063_00234_29847_1625.N1	15-NOV-2007 05:36:05	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	29847	No
63	GOM_NL__2PRFIN20071115_054025_000000382063_00234_29847_1626.N1	15-NOV-2007 05:40:25	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	29847	No
64	GOM_NL__2PRFIN20071115_054603_000000372063_00234_29847_1627.N1	15-NOV-2007 05:46:03	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	29847	No
65	GOM_NL__2PRFIN20071115_054741_000000362063_00234_29847_1628.N1	15-NOV-2007 05:47:41	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	29847	No
66	GOM_NL__2PRFIN20071115_055110_000000362063_00234_29847_1629.N1	15-NOV-2007 05:51:10	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	29847	No
67	GOM_NL__2PRFIN20071115_055612_000000332063_00234_29847_1630.N1	15-NOV-2007 05:56:12	Bright	33.000	111	8Eta Boo	2.6800	6000.0	66	29847	No
68	GOM_NL__2PRFIN20071115_055853_000000342063_00234_29847_1631.N1	15-NOV-2007 05:58:53	Bright	33.500	138	47Eps Vir	2.8280	4700.0	67	29847	No
69	GOM_NL__2PRFIN20071115_060241_000000352063_00234_29847_1632.N1	15-NOV-2007 06:02:41	Bright	34.500	121	29Gam Vir	2.7400	7200.0	69	29847	No
70	GOM_NL__2PRFIN20071115_060742_000000412063_00234_29847_1633.N1	15-NOV-2007 06:07:42	Twilight	40.500	100	4Gam Crv	2.5800	13100.	81	29847	No
71	GOM_NL__2PRFIN20071115_060913_000000402063_00234_29847_1634.N1	15-NOV-2007 06:09:13	Twilight	40.000	171	2Eps Crv	3.0010	4250.0	80	29847	No
72	GOM_NL__2PRFIN20071115_061530_000000392063_00234_29847_1635.N1	15-NOV-2007 06:15:30	Dark	39.000	64	Gam Cen	2.2000	10600.	78	29847	No
73	GOM_NL__2PRFIN20071115_061747_000000432063_00234_29847_1636.N1	15-NOV-2007 06:17:47	Dark	43.000	26	Gam Cru	1.6240	2900.0	86	29847	No
74	GOM_NL__2PRFIN20071115_061925_000000402063_00234_29847_1637.N1	15-NOV-2007 06:19:25	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	29847	No
75	GOM_NL__2PRFIN20071115_062126_000000372063_00235_29848_1634.N1	15-NOV-2007 06:21:26	Dark	36.500	124	The Car	2.7640	30000.	73	29848	No
76	GOM_NL__2PRFIN20071115_063936_000000372063_00235_29848_1635.N1	15-NOV-2007 06:39:36	Straylight	37.000	157	The1Eri	2.9060	9300.0	74	29848	No
77	GOM_NL__2PRFIN20071115_065722_000000372063_00235_29848_1636.N1	15-NOV-2007 06:57:22	Bright	36.500	105	6Bet Ari	2.6450	8900.0	73	29848	No
78	GOM_NL__2PRFIN20071115_070123_000000362063_00235_29848_1637.N1	15-NOV-2007 07:01:23	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	29848	No
79	GOM_NL__2PRFIN20071115_070327_000000362063_00235_29848_1638.N1	15-NOV-2007 07:03:27	Bright	36.000	73	57Gam1And	2.2600	13100.	72	29848	No
80	GOM_NL__2PRFIN20071115_070745_000000362063_00235_29848_1639.N1	15-NOV-2007 07:07:45	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	29848	No
81	GOM_NL__2PRFIN20071115_071641_000000362063_00235_29848_1640.N1	15-NOV-2007 07:16:41	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29848	No
82	GOM_NL__2PRFIN20071115_072101_000000362063_00235_29848_1641.N1	15-NOV-2007 07:21:01	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	29848	No
83	GOM_NL__2PRFIN20071115_072639_000000442063_00235_29848_1642.N1	15-NOV-2007 07:26:39	Bright	43.500	32	77Eps UMa	1.7630	11000.	87	29848	No
84	GOM_NL__2PRFIN20071115_072817_000000352063_00235_29848_1643.N1	15-NOV-2007 07:28:17	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	29848	No
85	GOM_NL__2PRFIN20071115_073146_000000342063_00235_29848_1644.N1	15-NOV-2007 07:31:46	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	29848	No
86	GOM_NL__2PRFIN20071115_073648_000000332063_00235_29848_1645.N1	15-NOV-2007 07:36:48	Bright	32.500	111	8Eta Boo	2.6800	6000.0	65	29848	No
87	GOM_NL__2PRFIN20071115_073929_000000342063_00235_29848_1646.N1	15-NOV-2007 07:39:29	Bright	33.500	138	47Eps Vir	2.8280	4700.0	67	29848	No
88	GOM_NL__2PRFIN20071115_074317_000000352063_00235_29848_1647.N1	15-NOV-2007 07:43:17	Bright	34.500	121	29Gam Vir	2.7400	7200.0	69	29848	No
89	GOM_NL__2PRFIN20071115_074818_000000392063_00235_29848_1648.N1	15-NOV-2007 07:48:18	Twilight	38.500	100	4Gam Crv	2.5800	13100.	77	29848	No
90	GOM_NL__2PRFIN20071115_074949_000000412063_00235_29848_1649.N1	15-NOV-2007 07:49:49	Twilight	41.000	171	2Eps Crv	3.0010	4250.0	82	29848	No
91	GOM_NL__2PRFIN20071115_075606_000000392063_00235_29848_1650.N1	15-NOV-2007 07:56:06	Dark	39.000	64	Gam Cen	2.2000	10600.	78	29848	No
92	GOM_NL__2PRFIN20071115_075823_000000422063_00235_29848_1651.N1	15-NOV-2007 07:58:23	Dark	41.500	26	Gam Cru	1.6240	2900.0	83	29848	No
93	GOM_NL__2PRFIN20071115_080001_000000392063_00235_29848_1652.N1	15-NOV-2007 08:00:01	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	29848	No
94	GOM_NL__2PRFIN20071115_080202_000000352063_00236_29849_1671.N1	15-NOV-2007 08:02:02	Dark	34.500	124	The Car	2.7640	30000.	69	29849	No
95	GOM_NL__2PRFIN20071115_082012_000000392063_00236_29849_1672.N1	15-NOV-2007 08:20:12	Straylight	39.000	157	The1Eri	2.9060	9300.0	78	29849	No
96	GOM_NL__2PRFIN20071115_083758_000000362063_00236_29849_1673.N1	15-NOV-2007 08:37:58	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	29849	No
97	GOM_NL__2PRFIN20071115_084159_000000362063_00236_29849_1674.N1	15-NOV-2007 08:41:59	Bright	35.500	173	4Bet Tri	3.0040	8900.0	71	29849	No
98	GOM_NL__2PRFIN20071115_084403_000000362063_00236_29849_1675.N1	15-NOV-2007 08:44:03	Bright	35.500	73	57Gam1And	2.2600	13100.	71	29849	No
99	GOM_NL__2PRFIN20071115_084821_000000362063_00236_29849_1676.N1	15-NOV-2007 08:48:21	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	29849	No
100	GOM_NL__2PRFIN20071115_085717_000000332063_00236_29849_1677.N1	15-NOV-2007 08:57:17	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	29849	No
101	GOM_NL__2PRFIN20071115_090137_000000352063_00236_29849_1678.N1	15-NOV-2007 09:01:37	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	29849	No

102	GOM_NL__2PRFIN20071115_090715_000000372063_00236_29849_1679.N1	15-NOV-2007 09:07:15	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	29849	No
103	GOM_NL__2PRFIN20071115_090853_000000342063_00236_29849_1680.N1	15-NOV-2007 09:08:53	Bright	34.000	39	85Eta UMa	1.8540	24000.	68	29849	No
104	GOM_NL__2PRFIN20071115_091724_000000332063_00236_29849_1681.N1	15-NOV-2007 09:17:24	Bright	32.500	111	8Eta Boo	2.6800	6000.0	65	29849	No
105	GOM_NL__2PRFIN20071115_092005_000000342063_00236_29849_1682.N1	15-NOV-2007 09:20:05	Bright	33.500	138	47Eps Vir	2.8280	4700.0	67	29849	No
106	GOM_NL__2PRFIN20071115_092354_000000352063_00236_29849_1683.N1	15-NOV-2007 09:23:54	Bright	35.000	121	29Gam Vir	2.7400	7200.0	70	29849	No
107	GOM_NL__2PRFIN20071115_092855_000000392063_00236_29849_1684.N1	15-NOV-2007 09:28:55	Twilight	39.000	100	4Gam Crv	2.5800	13100.	78	29849	No
108	GOM_NL__2PRFIN20071115_093025_000000442063_00236_29849_1685.N1	15-NOV-2007 09:30:25	Twilight	43.500	171	2Eps Crv	3.0010	4250.0	87	29849	No
109	GOM_NL__2PRFIN20071115_093643_000000382063_00236_29849_1686.N1	15-NOV-2007 09:36:43	Dark	37.500	64	Gam Cen	2.2000	10600.	75	29849	No
110	GOM_NL__2PRFIN20071115_093900_000000412063_00236_29849_1687.N1	15-NOV-2007 09:39:00	Dark	41.000	26	Gam Cru	1.6240	2900.0	82	29849	No
111	GOM_NL__2PRFIN20071115_094037_000000422063_00236_29849_1688.N1	15-NOV-2007 09:40:37	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	29849	No
112	GOM_NL__2PRFIN20071115_094239_000000372063_00237_29850_1680.N1	15-NOV-2007 09:42:39	Dark	36.500	124	The Car	2.7640	30000.	73	29850	No
113	GOM_NL__2PRFIN20071115_100048_000000382063_00237_29850_1681.N1	15-NOV-2007 10:00:48	Straylight	38.000	157	The1Eri	2.9060	9300.0	76	29850	No
114	GOM_NL__2PRFIN20071115_101834_000000372063_00237_29850_1682.N1	15-NOV-2007 10:18:34	Bright	36.500	105	6Bet Ari	2.6450	8900.0	73	29850	No
115	GOM_NL__2PRFIN20071115_102235_000000372063_00237_29850_1683.N1	15-NOV-2007 10:22:35	Bright	36.500	173	4Bet Tri	3.0040	8900.0	73	29850	No
116	GOM_NL__2PRFIN20071115_102439_000000382063_00237_29850_1684.N1	15-NOV-2007 10:24:39	Bright	37.500	73	57Gam1And	2.2600	13100.	75	29850	No
117	GOM_NL__2PRFIN20071115_102857_000000372063_00237_29850_1685.N1	15-NOV-2007 10:28:57	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	29850	No
118	GOM_NL__2PRFIN20071115_103752_000000372063_00237_29850_1686.N1	15-NOV-2007 10:37:52	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	29850	No
119	GOM_NL__2PRFIN20071115_104213_000000362063_00237_29850_1687.N1	15-NOV-2007 10:42:13	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	29850	No
120	GOM_NL__2PRFIN20071115_104751_000000372063_00237_29850_1688.N1	15-NOV-2007 10:47:51	Bright	36.500	32	77Eps UMa	1.7630	11000.	73	29850	No
121	GOM_NL__2PRFIN20071115_104929_000000332063_00237_29850_1689.N1	15-NOV-2007 10:49:29	Bright	33.000	39	85Eta UMa	1.8540	24000.	66	29850	No
122	GOM_NL__2PRFIN20071115_105258_000000352063_00237_29850_1690.N1	15-NOV-2007 10:52:58	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	29850	No
123	GOM_NL__2PRFIN20071115_105800_000000332063_00237_29850_1691.N1	15-NOV-2007 10:58:00	Bright	32.500	111	8Eta Boo	2.6800	6000.0	65	29850	No
124	GOM_NL__2PRFIN20071115_110041_000000342063_00237_29850_1692.N1	15-NOV-2007 11:00:41	Bright	33.500	138	47Eps Vir	2.8280	4700.0	67	29850	No
125	GOM_NL__2PRFIN20071115_110430_000000352063_00237_29850_1693.N1	15-NOV-2007 11:04:30	Bright	35.000	121	29Gam Vir	2.7400	7200.0	70	29850	No
126	GOM_NL__2PRFIN20071115_110931_000000412063_00237_29850_1694.N1	15-NOV-2007 11:09:31	Twilight	40.500	100	4Gam Crv	2.5800	13100.	81	29850	No
127	GOM_NL__2PRFIN20071115_111102_000000412063_00237_29850_1695.N1	15-NOV-2007 11:11:02	Twilight	40.500	171	2Eps Crv	3.0010	4250.0	81	29850	No
128	GOM_NL__2PRFIN20071115_111719_000000392063_00237_29850_1696.N1	15-NOV-2007 11:17:19	Dark	38.500	64	Gam Cen	2.2000	10600.	77	29850	No
129	GOM_NL__2PRFIN20071115_111936_000000442063_00237_29850_1697.N1	15-NOV-2007 11:19:36	Dark	44.000	26	Gam Cru	1.6240	2900.0	88	29850	No
130	GOM_NL__2PRFIN20071115_112315_000000372063_00238_29851_1688.N1	15-NOV-2007 11:23:15	Dark	36.500	124	The Car	2.7640	30000.	73	29851	No
131	GOM_NL__2PRFIN20071115_114124_000000362063_00238_29851_1689.N1	15-NOV-2007 11:41:24	Straylight	35.500	157	The1Eri	2.9060	9300.0	71	29851	No
132	GOM_NL__2PRFIN20071115_115910_000000362063_00238_29851_1690.N1	15-NOV-2007 11:59:10	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	29851	No
133	GOM_NL__2PRFIN20071115_120310_000000362063_00238_29851_1691.N1	15-NOV-2007 12:03:10	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	29851	No
134	GOM_NL__2PRFIN20071115_120514_000000382063_00238_29851_1692.N1	15-NOV-2007 12:05:14	Bright	38.000	73	57Gam1And	2.2600	13100.	76	29851	No
135	GOM_NL__2PRFIN20071115_120933_000000372063_00238_29851_1693.N1	15-NOV-2007 12:09:33	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	29851	No
136	GOM_NL__2PRFIN20071115_121828_000000372063_00238_29851_1694.N1	15-NOV-2007 12:18:28	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	29851	No
137	GOM_NL__2PRFIN20071115_122249_000000372063_00238_29851_1695.N1	15-NOV-2007 12:22:49	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	29851	No
138	GOM_NL__2PRFIN20071115_122827_000000372063_00238_29851_1696.N1	15-NOV-2007 12:28:27	Bright	36.500	32	77Eps UMa	1.7630	11000.	73	29851	No
139	GOM_NL__2PRFIN20071115_123005_000000352063_00238_29851_1697.N1	15-NOV-2007 12:30:05	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	29851	No
140	GOM_NL__2PRFIN20071115_123334_000000352063_00238_29851_1698.N1	15-NOV-2007 12:33:34	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	29851	No
141	GOM_NL__2PRFIN20071115_123836_000000332063_00238_29851_1699.N1	15-NOV-2007 12:38:36	Bright	32.500	111	8Eta Boo	2.6800	6000.0	65	29851	No
142	GOM_NL__2PRFIN20071115_124117_000000342063_00238_29851_1700.N1	15-NOV-2007 12:41:17	Bright	34.000	138	47Eps Vir	2.8280	4700.0	68	29851	No
143	GOM_NL__2PRFIN20071115_124506_000000412063_00238_29851_1701.N1	15-NOV-2007 12:45:06	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	29851	No
144	GOM_NL__2PRFIN20071115_125007_000000412063_00238_29851_1702.N1	15-NOV-2007 12:50:07	Twilight	40.500	100	4Gam Crv	2.5800	13100.	81	29851	No
145	GOM_NL__2PRFIN20071115_125138_000000432063_00238_29851_1703.N1	15-NOV-2007 12:51:38	Twilight	43.000	171	2Eps Crv	3.0010	4250.0	86	29851	No
146	GOM_NL__2PRFIN20071115_125755_000000372063_00238_29851_1704.N1	15-NOV-2007 12:57:55	Dark	36.500	64	Gam Cen	2.2000	10600.	73	29851	No
147	GOM_NL__2PRFIN20071115_130012_000000452063_00238_29851_1705.N1	15-NOV-2007 13:00:12	Dark	44.500	26	Gam Cru	1.6240	2900.0	89	29851	No
148	GOM_NL__2PRFIN20071115_130351_000000372063_00239_29852_1696.N1	15-NOV-2007 13:03:51	Dark	37.000	124	The Car	2.7640	30000.	74	29852	No
149	GOM_NL__2PRFIN20071115_132201_000000362063_00239_29852_1697.N1	15-NOV-2007 13:22:01	Straylight	36.000	157	The1Eri	2.9060	9300.0	72	29852	No
150	GOM_NL__2PRFIN20071115_133946_000000372063_00239_29852_1698.N1	15-NOV-2007 13:39:46	Bright	36.500	105	6Bet Ari	2.6450	8900.0	73	29852	No
151	GOM_NL__2PRFIN20071115_134346_000000352063_00239_29852_1699.N1	15-NOV-2007 13:43:46	Bright	34.500	173	4Bet Tri	3.0040	8900.0	69	29852	No
152	GOM_NL__2PRFIN20071115_134550_000000382063_00239_29852_1700.N1	15-NOV-2007 13:45:50	Bright	37.500	73	57Gam1And	2.2600	13100.	75	29852	No
153	GOM_NL__2PRFIN20071115_135009_000000372063_00239_29852_1701.N1	15-NOV-2007 13:50:09	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	29852	No
154	GOM_NL__2PRFIN20071115_135904_000000352063_00239_29852_1702.N1	15-NOV-2007 13:59:04	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	29852	No
155	GOM_NL__2PRFIN20071115_140325_000000332063_00239_29852_1703.N1	15-NOV-2007 14:03:25	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	29852	No
156	GOM_NL__2PRFIN20071115_140903_000000532063_00239_29852_1704.N1	15-NOV-2007 14:09:03	Bright	53.000	32	77Eps UMa	1.7630	11000.	106	29852	No
157	GOM_NL__2PRFIN20071115_141041_000000352063_00239_29852_1705.N1	15-NOV-2007 14:10:41	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	29852	No
158	GOM_NL__2PRFIN20071115_141410_000000362063_00239_29852_1706.N1	15-NOV-2007 14:14:10	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	29852	No
159	GOM_NL__2PRFIN20071115_141913_000000332063_00239_29852_1707.N1	15-NOV-2007 14:19:13	Bright	33.000	111	8Eta Boo	2.6800	6000.0	66	29852	No
160	GOM_NL__2PRFIN20071115_142154_000000342063_00239_29852_1708.N1	15-NOV-2007 14:21:54	Bright	33.500	138	47Eps Vir	2.8280	4700.0	67	29852	No



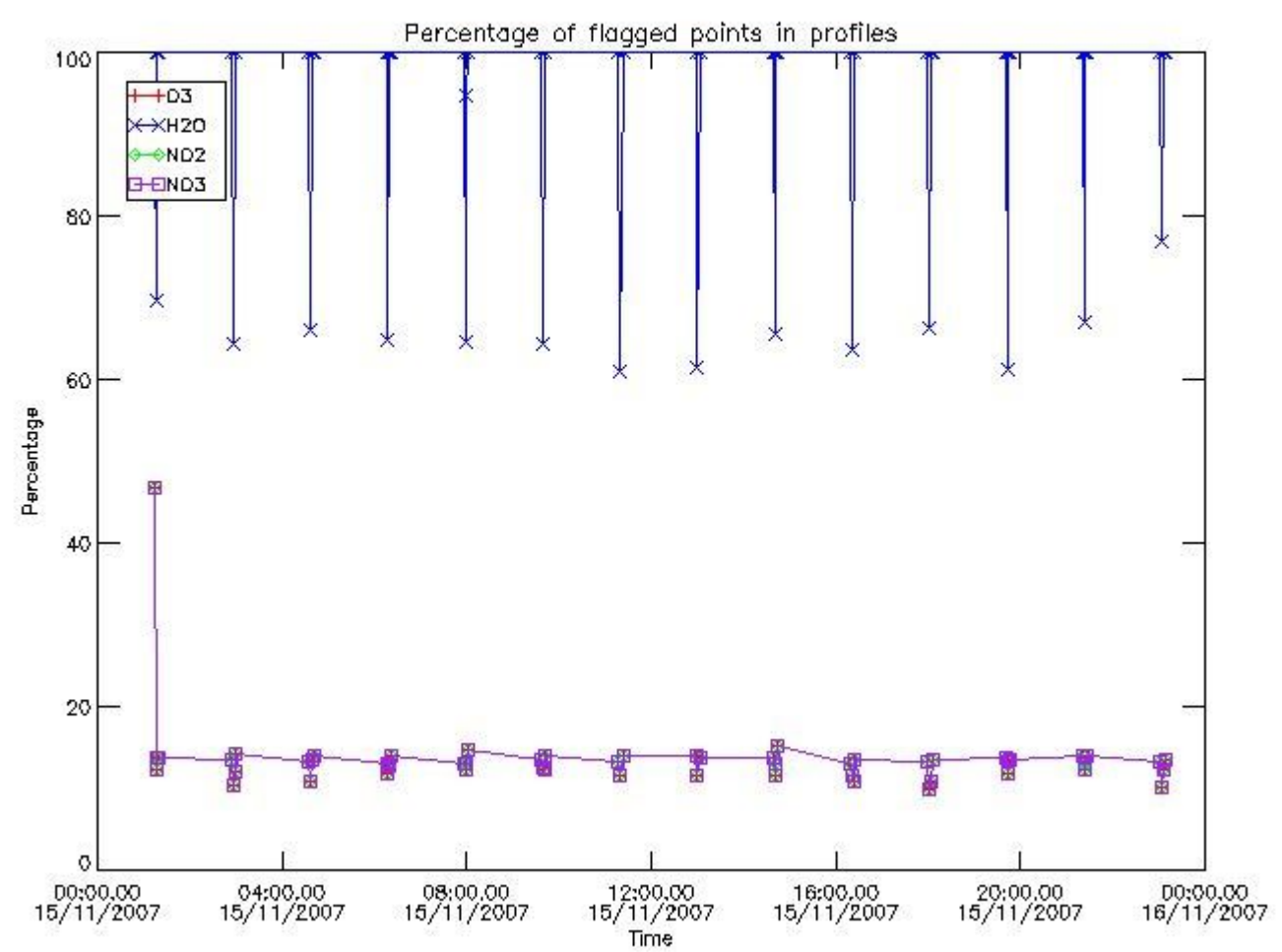
161	GOM_NL__2PRFIN20071115_142542_000000352063_00239_29852_1709.N1	15-NOV-2007 14:25:42	Bright	35.000	121	29Gam Vir	2.7400	7200.0	70	29852	No
162	GOM_NL__2PRFIN20071115_143044_000000432063_00239_29852_1710.N1	15-NOV-2007 14:30:44	Twilight	42.500	100	4Gam Crv	2.5800	13100.	85	29852	No
163	GOM_NL__2PRFIN20071115_143215_000000442063_00239_29852_1711.N1	15-NOV-2007 14:32:15	Twilight	44.000	171	2Eps Crv	3.0010	4250.0	88	29852	No
164	GOM_NL__2PRFIN20071115_143831_000000372063_00239_29852_1712.N1	15-NOV-2007 14:38:31	Dark	37.000	64	Gam Cen	2.2000	10600.	74	29852	No
165	GOM_NL__2PRFIN20071115_144048_000000492063_00239_29852_1713.N1	15-NOV-2007 14:40:48	Dark	48.500	26	Gam Cru	1.6240	2900.0	97	29852	No
166	GOM_NL__2PRFIN20071115_144225_000000392063_00239_29852_1714.N1	15-NOV-2007 14:42:25	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	29852	No
167	GOM_NL__2PRFIN20071115_144427_000000372063_00240_29853_1700.N1	15-NOV-2007 14:44:27	Dark	37.000	124	The Car	2.7640	30000.	74	29853	No
168	GOM_NL__2PRFIN20071115_150237_000000382063_00240_29853_1701.N1	15-NOV-2007 15:02:37	Straylight	37.500	157	The1Eri	2.9060	9300.0	75	29853	No
169	GOM_NL__2PRFIN20071115_152022_000000372063_00240_29853_1702.N1	15-NOV-2007 15:20:22	Bright	37.000	105	6Bet Ari	2.6450	8900.0	74	29853	No
170	GOM_NL__2PRFIN20071115_152422_000000352063_00240_29853_1703.N1	15-NOV-2007 15:24:22	Bright	34.500	173	4Bet Tri	3.0040	8900.0	69	29853	No
171	GOM_NL__2PRFIN20071115_152626_000000372063_00240_29853_1704.N1	15-NOV-2007 15:26:26	Bright	36.500	73	57Gam1And	2.2600	13100.	73	29853	No
172	GOM_NL__2PRFIN20071115_153045_000000362063_00240_29853_1705.N1	15-NOV-2007 15:30:45	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	29853	No
173	GOM_NL__2PRFIN20071115_153940_000000372063_00240_29853_1706.N1	15-NOV-2007 15:39:40	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	29853	No
174	GOM_NL__2PRFIN20071115_154401_000000362063_00240_29853_1707.N1	15-NOV-2007 15:44:01	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	29853	No
175	GOM_NL__2PRFIN20071115_154939_000000372063_00240_29853_1708.N1	15-NOV-2007 15:49:39	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	29853	No
176	GOM_NL__2PRFIN20071115_155117_000000342063_00240_29853_1709.N1	15-NOV-2007 15:51:17	Bright	34.000	39	85Eta UMa	1.8540	24000.	68	29853	No
177	GOM_NL__2PRFIN20071115_155446_000000492063_00240_29853_1710.N1	15-NOV-2007 15:54:46	Bright	48.500	152	12Alp2CVn	2.8900	11000.	97	29853	No
178	GOM_NL__2PRFIN20071115_155949_000000332063_00240_29853_1711.N1	15-NOV-2007 15:59:49	Bright	32.500	111	8Eta Boo	2.6800	6000.0	65	29853	No
179	GOM_NL__2PRFIN20071115_160230_000000342063_00240_29853_1712.N1	15-NOV-2007 16:02:30	Bright	33.500	138	47Eps Vir	2.8280	4700.0	67	29853	No
180	GOM_NL__2PRFIN20071115_160619_000000362063_00240_29853_1713.N1	15-NOV-2007 16:06:19	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	29853	No
181	GOM_NL__2PRFIN20071115_161120_000000422063_00240_29853_1714.N1	15-NOV-2007 16:11:20	Twilight	41.500	100	4Gam Crv	2.5800	13100.	83	29853	No
182	GOM_NL__2PRFIN20071115_161251_000000452063_00240_29853_1715.N1	15-NOV-2007 16:12:51	Twilight	44.500	171	2Eps Crv	3.0010	4250.0	89	29853	No
183	GOM_NL__2PRFIN20071115_161907_000000392063_00240_29853_1716.N1	15-NOV-2007 16:19:07	Dark	39.000	64	Gam Cen	2.2000	10600.	78	29853	No
184	GOM_NL__2PRFIN20071115_162124_000000452063_00240_29853_1717.N1	15-NOV-2007 16:21:24	Dark	44.500	26	Gam Cru	1.6240	2900.0	89	29853	No
185	GOM_NL__2PRFIN20071115_162301_000000472063_00240_29853_1718.N1	15-NOV-2007 16:23:01	Dark	47.000	12	Alp1Cru	0.77500	30000.	94	29853	No
186	GOM_NL__2PRFIN20071115_162504_000000382063_00241_29854_1740.N1	15-NOV-2007 16:25:04	Dark	38.000	124	The Car	2.7640	30000.	76	29854	No
187	GOM_NL__2PRFIN20071115_164313_000000372063_00241_29854_1741.N1	15-NOV-2007 16:43:13	Straylight	37.000	157	The1Eri	2.9060	9300.0	74	29854	No
188	GOM_NL__2PRFIN20071115_170058_000000362063_00241_29854_1742.N1	15-NOV-2007 17:00:58	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	29854	No
189	GOM_NL__2PRFIN20071115_170458_000000362063_00241_29854_1743.N1	15-NOV-2007 17:04:58	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	29854	No
190	GOM_NL__2PRFIN20071115_170702_000000372063_00241_29854_1744.N1	15-NOV-2007 17:07:02	Bright	37.000	73	57Gam1And	2.2600	13100.	74	29854	No
191	GOM_NL__2PRFIN20071115_171121_000000352063_00241_29854_1745.N1	15-NOV-2007 17:11:21	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	29854	No
192	GOM_NL__2PRFIN20071115_172016_000000362063_00241_29854_1746.N1	15-NOV-2007 17:20:16	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	29854	No
193	GOM_NL__2PRFIN20071115_172437_000000362063_00241_29854_1747.N1	15-NOV-2007 17:24:37	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	29854	No
194	GOM_NL__2PRFIN20071115_173015_000000382063_00241_29854_1748.N1	15-NOV-2007 17:30:15	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	29854	No
195	GOM_NL__2PRFIN20071115_173153_000000332063_00241_29854_1749.N1	15-NOV-2007 17:31:53	Bright	33.000	39	85Eta UMa	1.8540	24000.	66	29854	No
196	GOM_NL__2PRFIN20071115_173522_000000352063_00241_29854_1750.N1	15-NOV-2007 17:35:22	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	29854	No
197	GOM_NL__2PRFIN20071115_174025_000000332063_00241_29854_1751.N1	15-NOV-2007 17:40:25	Bright	32.500	111	8Eta Boo	2.6800	6000.0	65	29854	No
198	GOM_NL__2PRFIN20071115_174306_000000342063_00241_29854_1752.N1	15-NOV-2007 17:43:06	Bright	33.500	138	47Eps Vir	2.8280	4700.0	67	29854	No
199	GOM_NL__2PRFIN20071115_174655_000000382063_00241_29854_1753.N1	15-NOV-2007 17:46:55	Bright	37.500	121	29Gam Vir	2.7400	7200.0	75	29854	No
200	GOM_NL__2PRFIN20071115_175157_000000402063_00241_29854_1754.N1	15-NOV-2007 17:51:57	Twilight	40.000	100	4Gam Crv	2.5800	13100.	80	29854	No
201	GOM_NL__2PRFIN20071115_175328_000000412063_00241_29854_1755.N1	15-NOV-2007 17:53:28	Twilight	41.000	171	2Eps Crv	3.0010	4250.0	82	29854	No
202	GOM_NL__2PRFIN20071115_175943_000000392063_00241_29854_1756.N1	15-NOV-2007 17:59:43	Dark	38.500	64	Gam Cen	2.2000	10600.	77	29854	No
203	GOM_NL__2PRFIN20071115_180200_000000512063_00241_29854_1757.N1	15-NOV-2007 18:02:00	Dark	51.000	26	Gam Cru	1.6240	2900.0	102	29854	No
204	GOM_NL__2PRFIN20071115_180337_000000472063_00241_29854_1758.N1	15-NOV-2007 18:03:37	Dark	46.500	12	Alp1Cru	0.77500	30000.	93	29854	No
205	GOM_NL__2PRFIN20071115_180540_000000382063_00242_29855_1763.N1	15-NOV-2007 18:05:40	Dark	37.500	124	The Car	2.7640	30000.	75	29855	No
206	GOM_NL__2PRFIN20071115_182349_000000382063_00242_29855_1764.N1	15-NOV-2007 18:23:49	Straylight	38.000	157	The1Eri	2.9060	9300.0	76	29855	No
207	GOM_NL__2PRFIN20071115_184134_000000372063_00242_29855_1765.N1	15-NOV-2007 18:41:34	Bright	36.500	105	6Bet Ari	2.6450	8900.0	73	29855	No
208	GOM_NL__2PRFIN20071115_184534_000000352063_00242_29855_1766.N1	15-NOV-2007 18:45:34	Bright	35.000	173	4Bet Tri	3.0040	8900.0	70	29855	No
209	GOM_NL__2PRFIN20071115_184738_000000362063_00242_29855_1767.N1	15-NOV-2007 18:47:38	Bright	35.500	73	57Gam1And	2.2600	13100.	71	29855	No
210	GOM_NL__2PRFIN20071115_185158_000000372063_00242_29855_1768.N1	15-NOV-2007 18:51:58	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	29855	No
211	GOM_NL__2PRFIN20071115_190052_000000372063_00242_29855_1769.N1	15-NOV-2007 19:00:52	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	29855	No
212	GOM_NL__2PRFIN20071115_190513_000000372063_00242_29855_1770.N1	15-NOV-2007 19:05:13	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	29855	No
213	GOM_NL__2PRFIN20071115_191051_000000352063_00242_29855_1771.N1	15-NOV-2007 19:10:51	Bright	34.500	32	77Eps UMa	1.7630	11000.	69	29855	No
214	GOM_NL__2PRFIN20071115_191229_000000332063_00242_29855_1772.N1	15-NOV-2007 19:12:29	Bright	33.000	39	85Eta UMa	1.8540	24000.	66	29855	No
215	GOM_NL__2PRFIN20071115_191558_000000532063_00242_29855_1773.N1	15-NOV-2007 19:15:58	Bright	53.000	152	12Alp2CVn	2.8900	11000.	106	29855	No
216	GOM_NL__2PRFIN20071115_192101_000000332063_00242_29855_1774.N1	15-NOV-2007 19:21:01	Bright	32.500	111	8Eta Boo	2.6800	6000.0	65	29855	No
217	GOM_NL__2PRFIN20071115_192342_000000342063_00242_29855_1775.N1	15-NOV-2007 19:23:42	Bright	34.000	138	47Eps Vir	2.8280	4700.0	68	29855	No
218	GOM_NL__2PRFIN20071115_192731_000000372063_00242_29855_1776.N1	15-NOV-2007 19:27:31	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	29855	No
219	GOM_NL__2PRFIN20071115_193233_000000392063_00242_29855_1777.N1	15-NOV-2007 19:32:33	Twilight	39.000	100	4Gam Crv	2.5800	13100.	78	29855	No

220	GOM_NL__2PRFIN20071115_193404_000000462063_00242_29855_1778.N1	15-NOV-2007 19:34:04	Twilight	45.500	171	2Eps Crv	3.0010	4250.0	91	29855	No
221	GOM_NL__2PRFIN20071115_194019_000000372063_00242_29855_1779.N1	15-NOV-2007 19:40:19	Dark	37.000	64	Gam Cen	2.2000	10600.	74	29855	No
222	GOM_NL__2PRFIN20071115_194236_000000432063_00242_29855_1780.N1	15-NOV-2007 19:42:36	Dark	43.000	26	Gam Cru	1.6240	2900.0	86	29855	No
223	GOM_NL__2PRFIN20071115_194413_000000392063_00242_29855_1781.N1	15-NOV-2007 19:44:13	Dark	38.500	12	Alp1Cru	0.77500	30000.	77	29855	No
224	GOM_NL__2PRFIN20071115_194616_000000382063_00243_29856_1794.N1	15-NOV-2007 19:46:16	Dark	38.000	124	The Car	2.7640	30000.	76	29856	No
225	GOM_NL__2PRFIN20071115_200425_000000372063_00243_29856_1795.N1	15-NOV-2007 20:04:25	Straylight	37.000	157	The1Eri	2.9060	9300.0	74	29856	No
226	GOM_NL__2PRFIN20071115_202210_000000362063_00243_29856_1796.N1	15-NOV-2007 20:22:10	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	29856	No
227	GOM_NL__2PRFIN20071115_202610_000000362063_00243_29856_1797.N1	15-NOV-2007 20:26:10	Bright	35.500	173	4Bet Tri	3.0040	8900.0	71	29856	No
228	GOM_NL__2PRFIN20071115_202814_000000372063_00243_29856_1798.N1	15-NOV-2007 20:28:14	Bright	36.500	73	57Gam1And	2.2600	13100.	73	29856	No
229	GOM_NL__2PRFIN20071115_203234_000000372063_00243_29856_1799.N1	15-NOV-2007 20:32:34	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	29856	No
230	GOM_NL__2PRFIN20071115_204128_000000362063_00243_29856_1800.N1	15-NOV-2007 20:41:28	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29856	No
231	GOM_NL__2PRFIN20071115_204549_000000332063_00243_29856_1801.N1	15-NOV-2007 20:45:49	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	29856	No
232	GOM_NL__2PRFIN20071115_205127_000000392063_00243_29856_1802.N1	15-NOV-2007 20:51:27	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	29856	No
233	GOM_NL__2PRFIN20071115_205305_000000352063_00243_29856_1803.N1	15-NOV-2007 20:53:05	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	29856	No
234	GOM_NL__2PRFIN20071115_205634_000000352063_00243_29856_1804.N1	15-NOV-2007 20:56:34	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	29856	No
235	GOM_NL__2PRFIN20071115_210137_000000332063_00243_29856_1805.N1	15-NOV-2007 21:01:37	Bright	33.000	111	8Eta Boo	2.6800	6000.0	66	29856	No
236	GOM_NL__2PRFIN20071115_210418_000000342063_00243_29856_1806.N1	15-NOV-2007 21:04:18	Bright	33.500	138	47Eps Vir	2.8280	4700.0	67	29856	No
237	GOM_NL__2PRFIN20071115_210807_000000492063_00243_29856_1807.N1	15-NOV-2007 21:08:07	Bright	49.000	121	29Gam Vir	2.7400	7200.0	98	29856	No
238	GOM_NL__2PRFIN20071115_211309_000000402063_00243_29856_1808.N1	15-NOV-2007 21:13:09	Tw_i_and_stray	39.500	100	4Gam Crv	2.5800	13100.	79	29856	No
239	GOM_NL__2PRFIN20071115_211440_000000432063_00243_29856_1809.N1	15-NOV-2007 21:14:40	Twilight	42.500	171	2Eps Crv	3.0010	4250.0	85	29856	No
240	GOM_NL__2PRFIN20071115_212055_000000372063_00243_29856_1810.N1	15-NOV-2007 21:20:55	Dark	36.500	64	Gam Cen	2.2000	10600.	73	29856	No
241	GOM_NL__2PRFIN20071115_212312_000000512063_00243_29856_1811.N1	15-NOV-2007 21:23:12	Dark	50.500	26	Gam Cru	1.6240	2900.0	101	29856	No
242	GOM_NL__2PRFIN20071115_212449_000000422063_00243_29856_1812.N1	15-NOV-2007 21:24:49	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	29856	No
243	GOM_NL__2PRFIN20071115_212653_000000372063_00244_29857_1810.N1	15-NOV-2007 21:26:53	Dark	36.500	124	The Car	2.7640	30000.	73	29857	No
244	GOM_NL__2PRFIN20071115_214501_000000392063_00244_29857_1811.N1	15-NOV-2007 21:45:01	Straylight	38.500	157	The1Eri	2.9060	9300.0	77	29857	No
245	GOM_NL__2PRFIN20071115_220245_000000362063_00244_29857_1812.N1	15-NOV-2007 22:02:45	Bright	35.500	105	6Bet Ari	2.6450	8900.0	71	29857	No
246	GOM_NL__2PRFIN20071115_220646_000000362063_00244_29857_1813.N1	15-NOV-2007 22:06:46	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	29857	No
247	GOM_NL__2PRFIN20071115_220850_000000362063_00244_29857_1814.N1	15-NOV-2007 22:08:50	Bright	35.500	73	57Gam1And	2.2600	13100.	71	29857	No
248	GOM_NL__2PRFIN20071115_221310_000000362063_00244_29857_1815.N1	15-NOV-2007 22:13:10	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	29857	No
249	GOM_NL__2PRFIN20071115_222204_000000372063_00244_29857_1816.N1	15-NOV-2007 22:22:04	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	29857	No
250	GOM_NL__2PRFIN20071115_222625_000000372063_00244_29857_1817.N1	15-NOV-2007 22:26:25	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	29857	No
251	GOM_NL__2PRFIN20071115_223203_000000532063_00244_29857_1818.N1	15-NOV-2007 22:32:03	Bright	53.000	32	77Eps UMa	1.7630	11000.	106	29857	No
252	GOM_NL__2PRFIN20071115_223341_000000352063_00244_29857_1819.N1	15-NOV-2007 22:33:41	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	29857	No
253	GOM_NL__2PRFIN20071115_223710_000000472063_00244_29857_1820.N1	15-NOV-2007 22:37:10	Bright	46.500	152	12Alp2CVn	2.8900	11000.	93	29857	No
254	GOM_NL__2PRFIN20071115_224213_000000332063_00244_29857_1821.N1	15-NOV-2007 22:42:13	Bright	32.500	111	8Eta Boo	2.6800	6000.0	65	29857	No
255	GOM_NL__2PRFIN20071115_224454_000000342063_00244_29857_1822.N1	15-NOV-2007 22:44:54	Bright	34.000	138	47Eps Vir	2.8280	4700.0	68	29857	No
256	GOM_NL__2PRFIN20071115_224843_000000532063_00244_29857_1823.N1	15-NOV-2007 22:48:43	Bright	53.000	121	29Gam Vir	2.7400	7200.0	106	29857	No
257	GOM_NL__2PRFIN20071115_225345_000000402063_00244_29857_1824.N1	15-NOV-2007 22:53:45	Tw_i_and_stray	40.000	100	4Gam Crv	2.5800	13100.	80	29857	No
258	GOM_NL__2PRFIN20071115_225516_000000442063_00244_29857_1825.N1	15-NOV-2007 22:55:16	Twilight	44.000	171	2Eps Crv	3.0010	4250.0	88	29857	No
259	GOM_NL__2PRFIN20071115_230132_000000392063_00244_29857_1826.N1	15-NOV-2007 23:01:32	Dark	38.500	64	Gam Cen	2.2000	10600.	77	29857	No
260	GOM_NL__2PRFIN20071115_230348_000000502063_00244_29857_1827.N1	15-NOV-2007 23:03:48	Dark	50.000	26	Gam Cru	1.6240	2900.0	100	29857	No
261	GOM_NL__2PRFIN20071115_230525_000000422063_00244_29857_1828.N1	15-NOV-2007 23:05:25	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	29857	No
262	GOM_NL__2PRFIN20071115_230729_000000382063_00245_29858_1817.N1	15-NOV-2007 23:07:29	Dark	37.500	124	The Car	2.7640	30000.	75	29858	No
263	GOM_NL__2PRFIN20071115_232537_000000382063_00245_29858_1818.N1	15-NOV-2007 23:25:37	Straylight	37.500	157	The1Eri	2.9060	9300.0	75	29858	No
264	GOM_NL__2PRFIN20071115_234321_000000372063_00245_29858_1819.N1	15-NOV-2007 23:43:21	Bright	37.000	105	6Bet Ari	2.6450	8900.0	74	29858	No
265	GOM_NL__2PRFIN20071115_234721_000000352063_00245_29858_1820.N1	15-NOV-2007 23:47:21	Bright	34.500	173	4Bet Tri	3.0040	8900.0	69	29858	No
266	GOM_NL__2PRFIN20071115_234925_000000372063_00245_29858_1821.N1	15-NOV-2007 23:49:25	Bright	36.500	73	57Gam1And	2.2600	13100.	73	29858	No
267	GOM_NL__2PRFIN20071115_235346_000000372063_00245_29858_1822.N1	15-NOV-2007 23:53:46	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	29858	No

### 3. Quality information per product

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

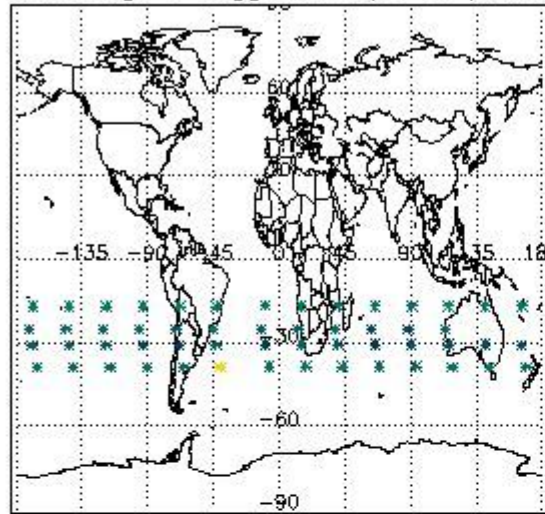
#### 3.1 Plot quality information per product (time dependant)



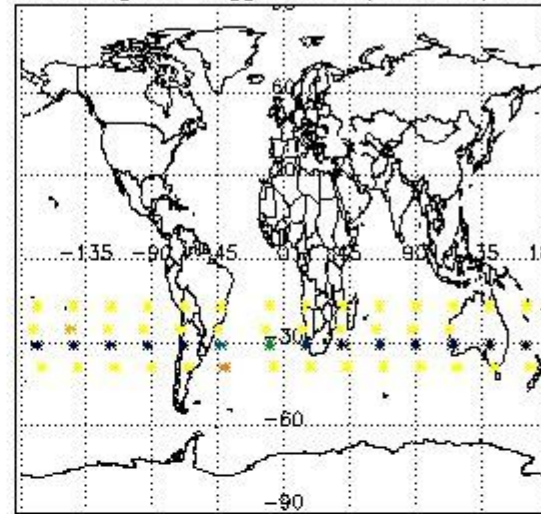
3.2 Plot quality information per product (world map)



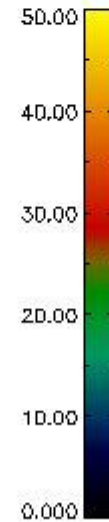
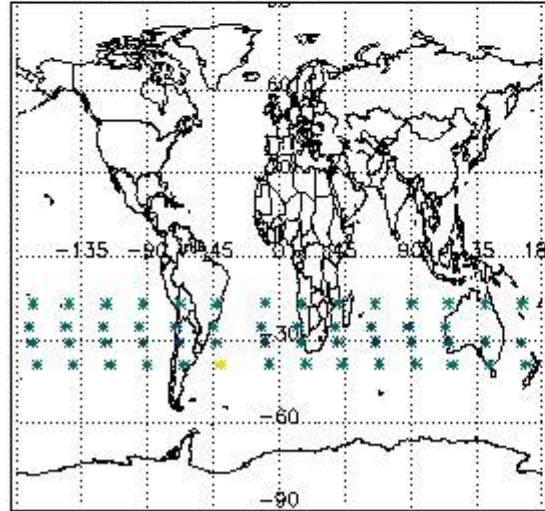
Percentage of flagged data per O3 profile



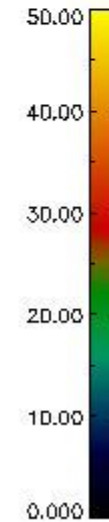
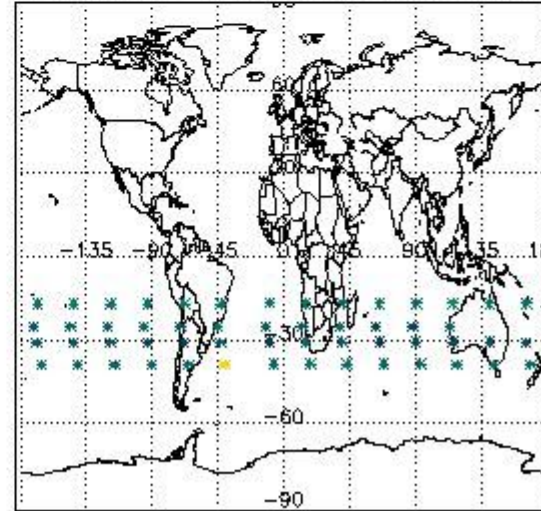
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



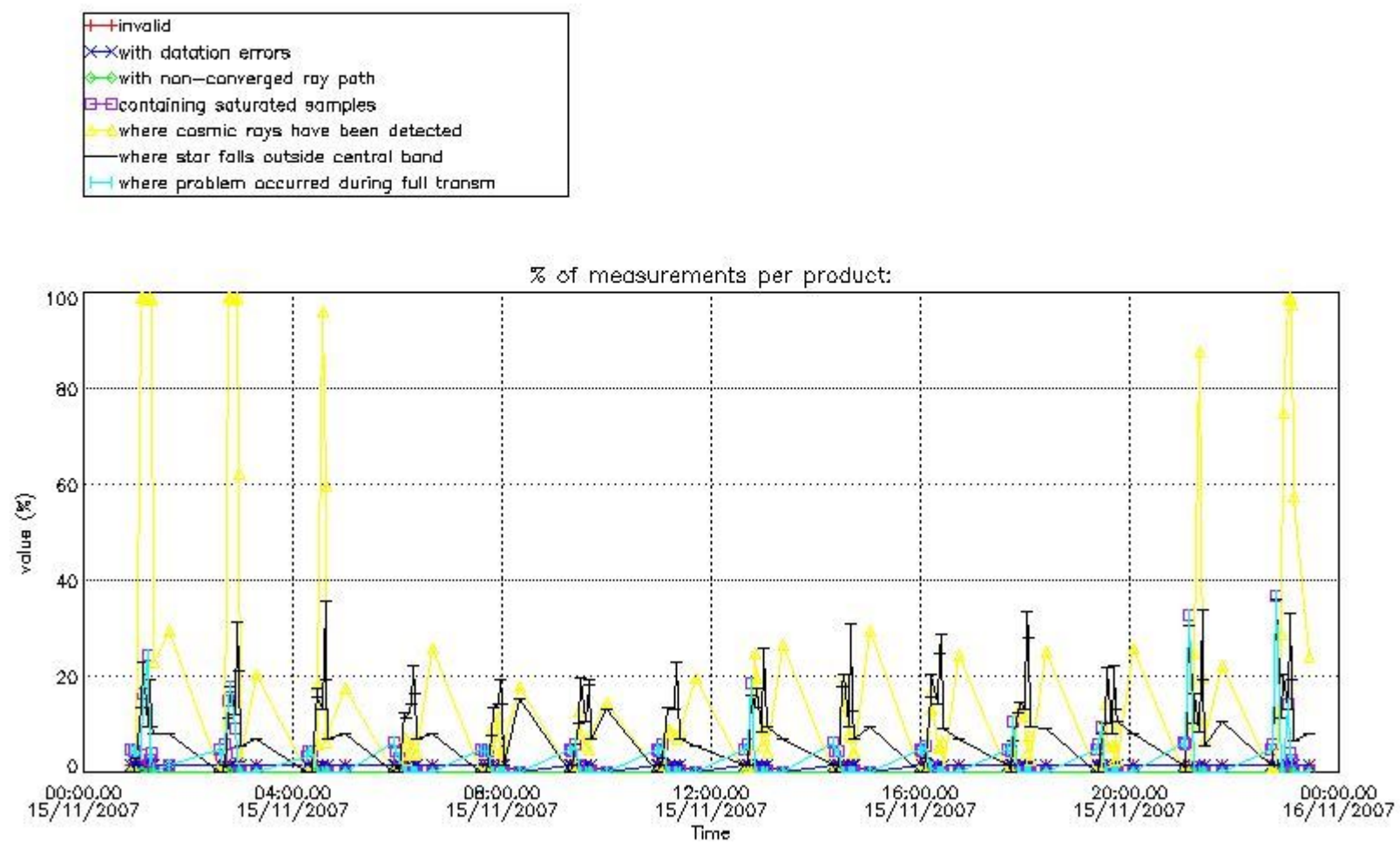
#### 4. Level 1 quality information per product

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

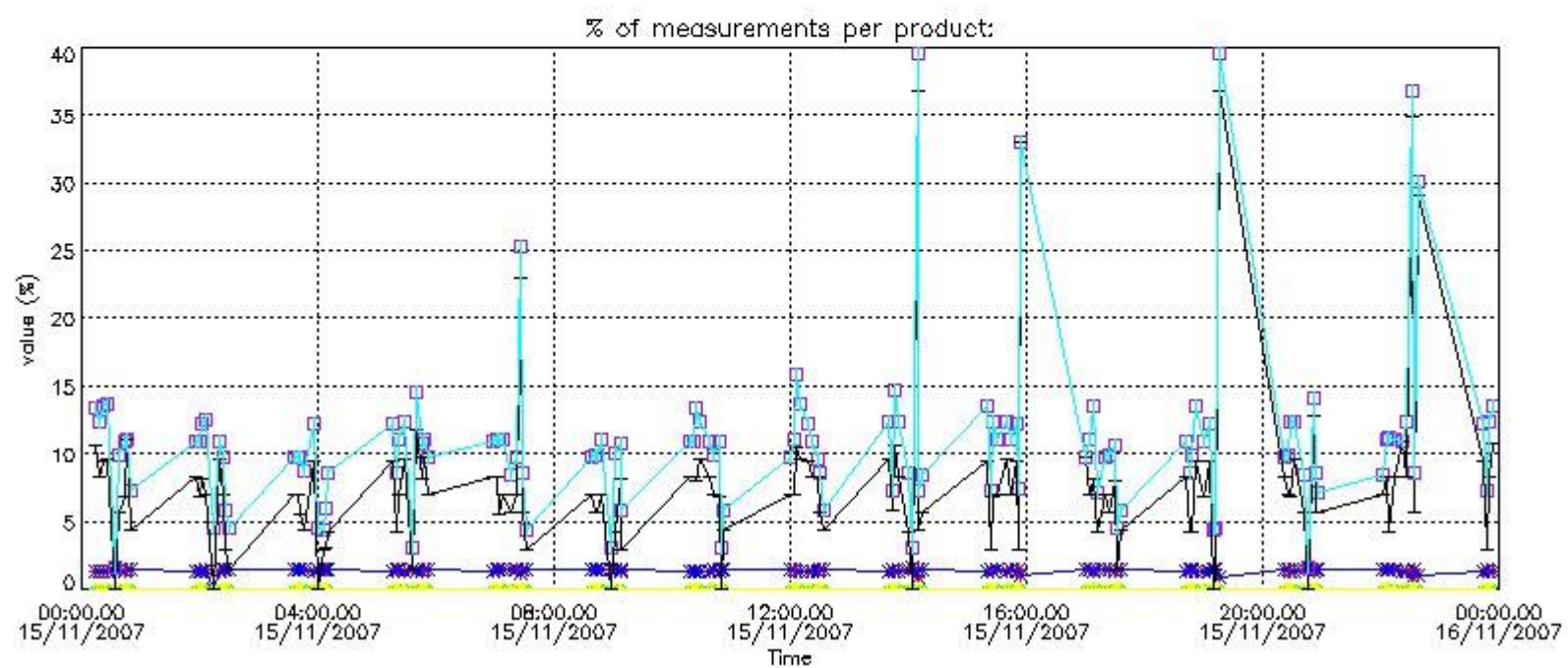
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





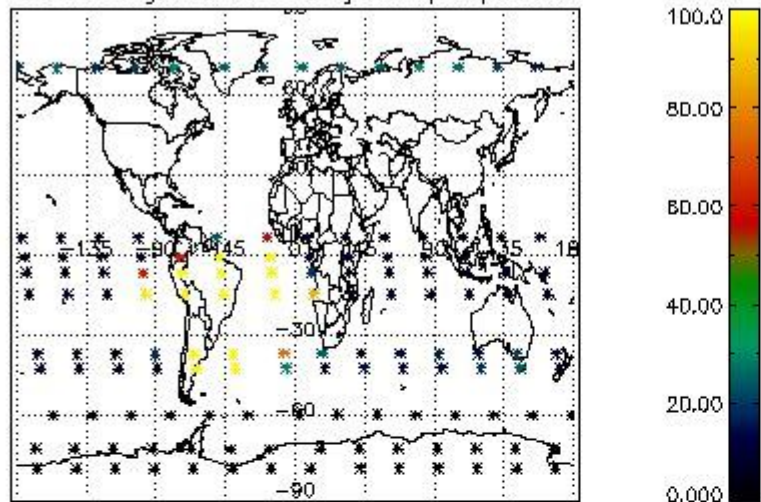
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



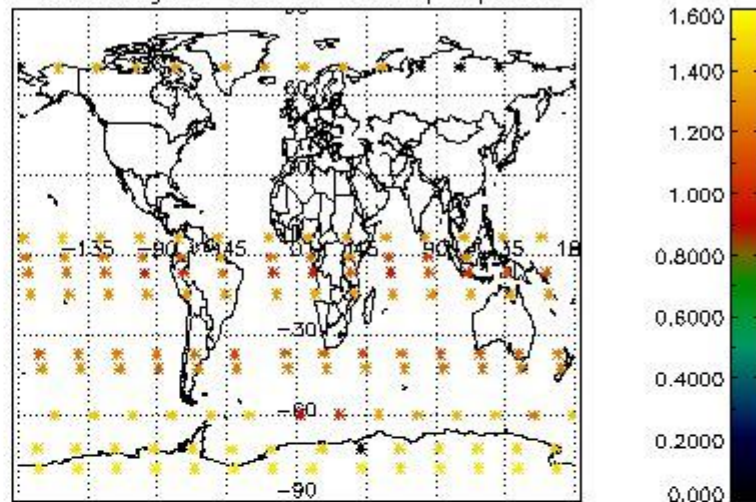
#### 4.2 Plot quality information per product coming from level 1b processing (world map)

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

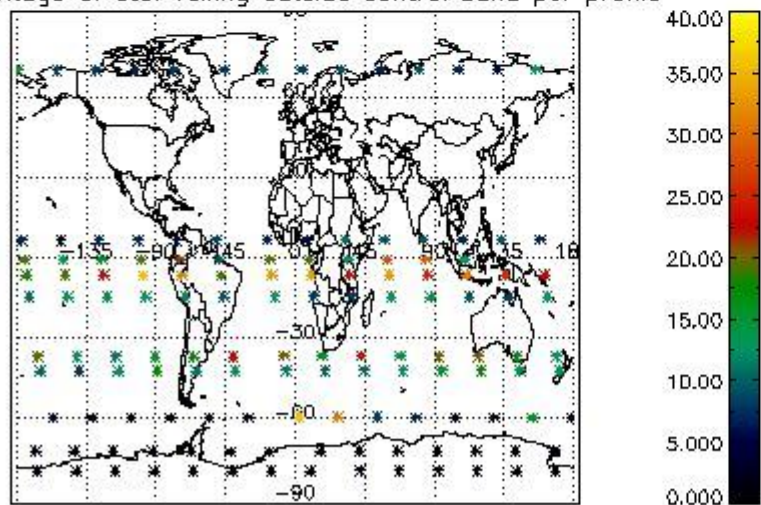
Percentage of cosmic ray hits per profile



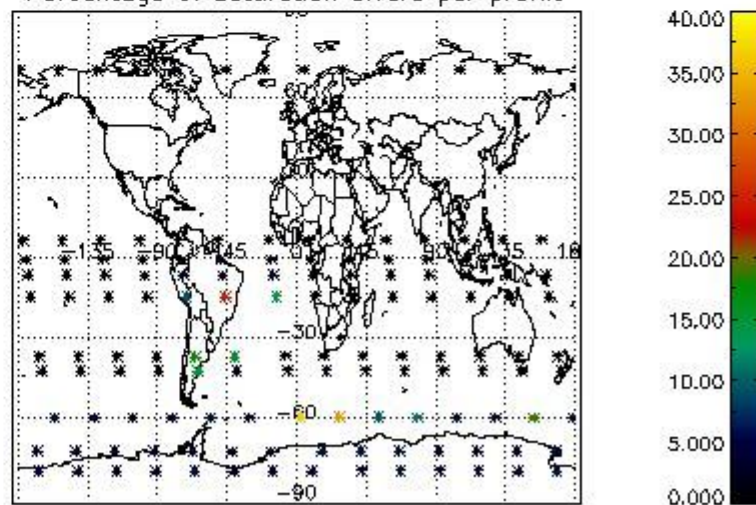
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

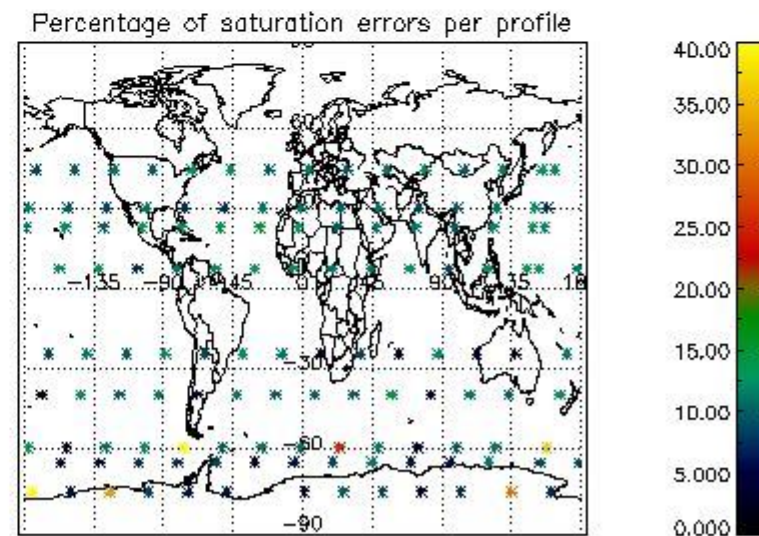
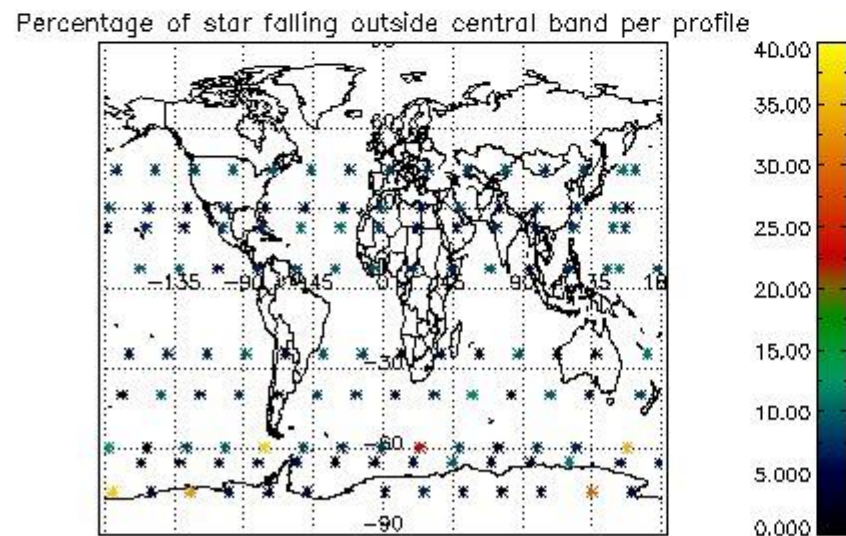
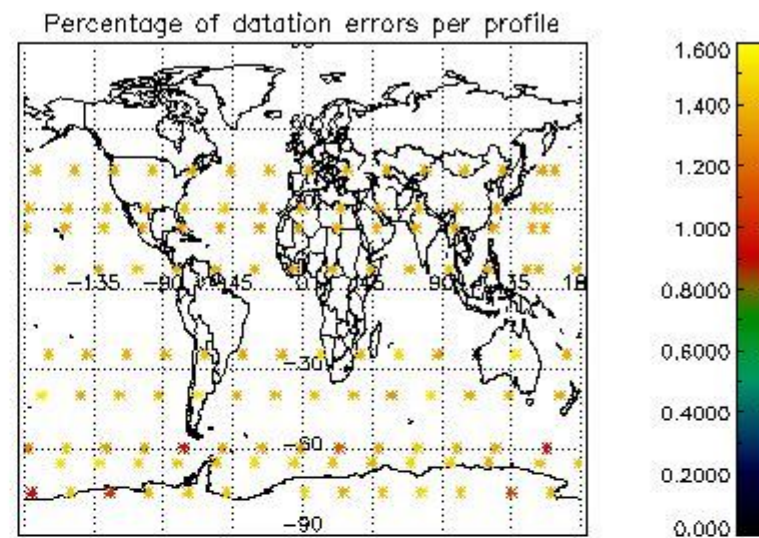
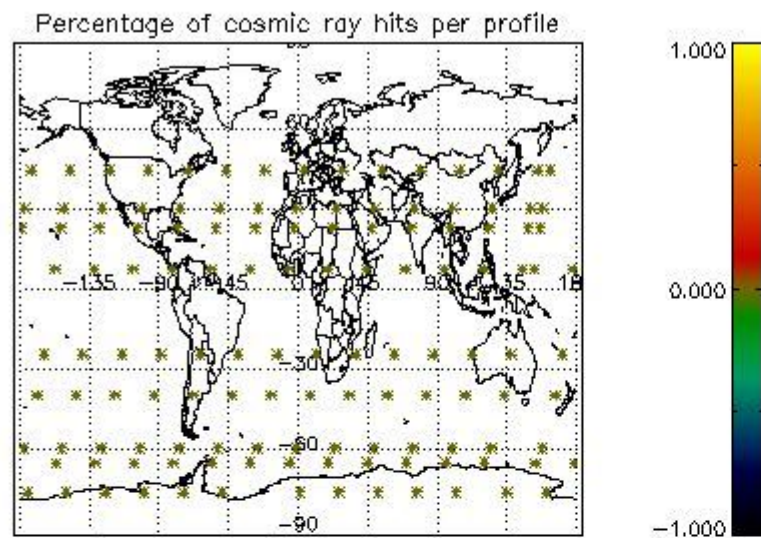


Percentage of saturation errors per profile



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





## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

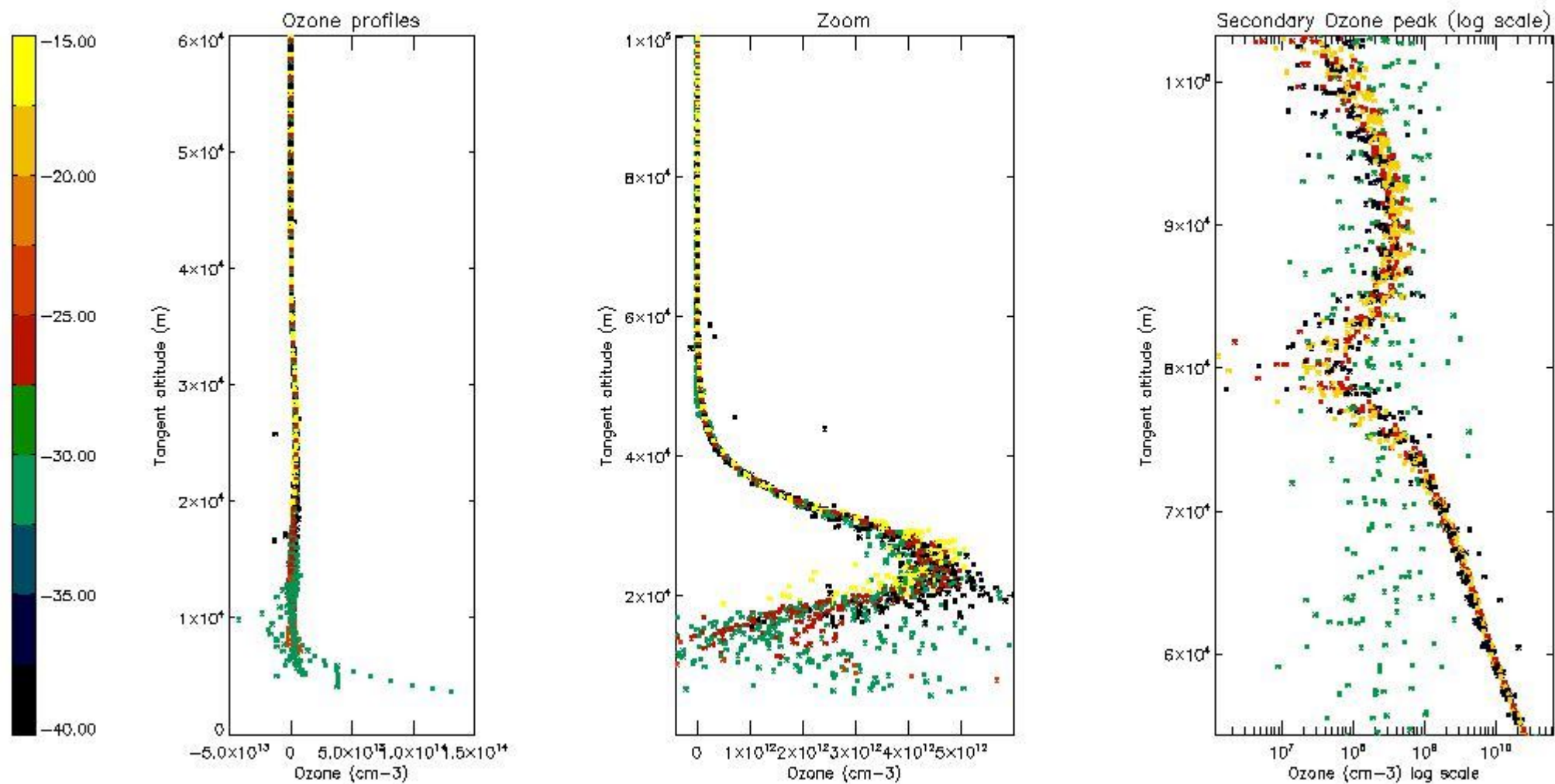
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	12

STD < 10	10
STD < 5	7

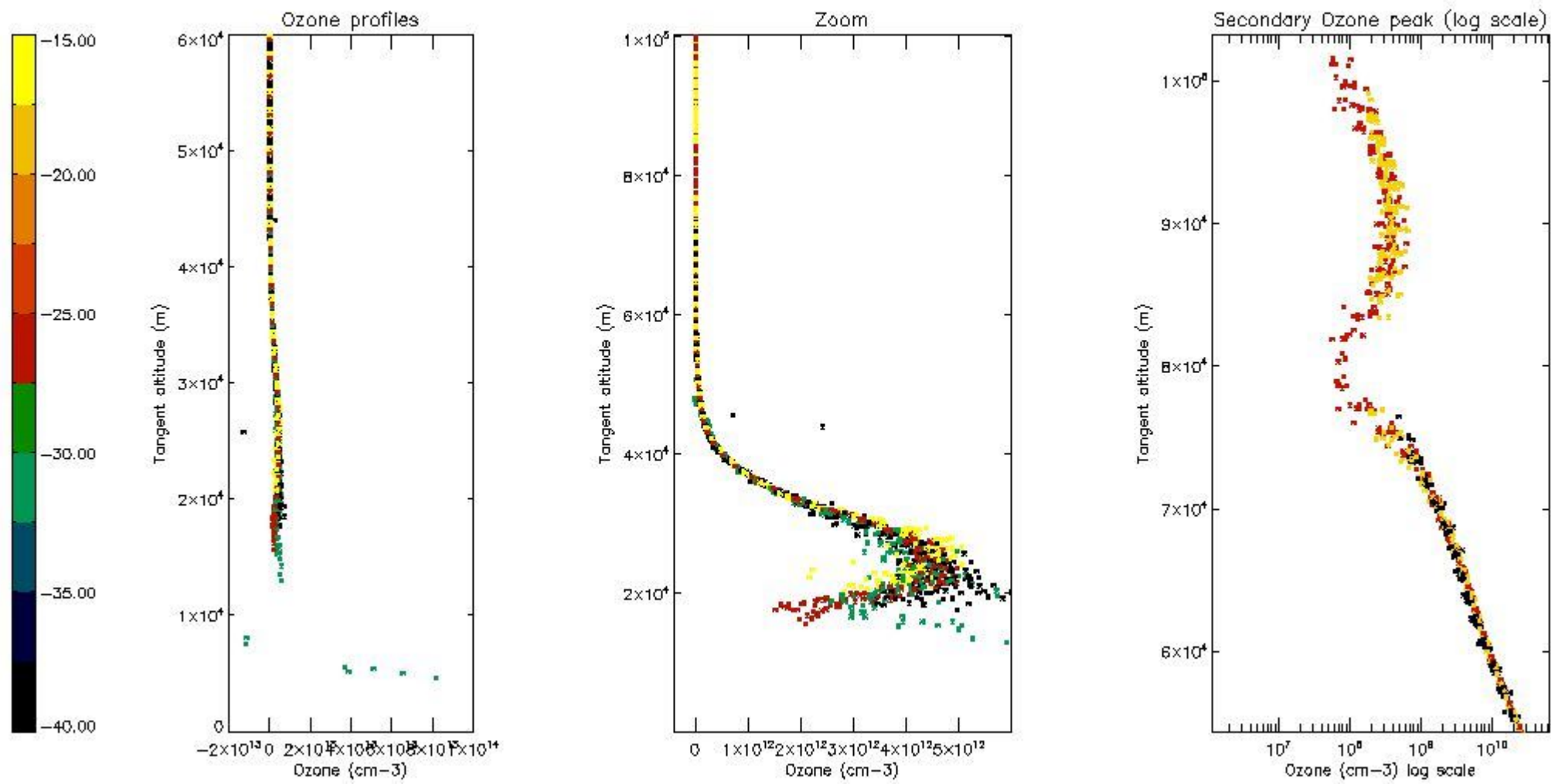
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

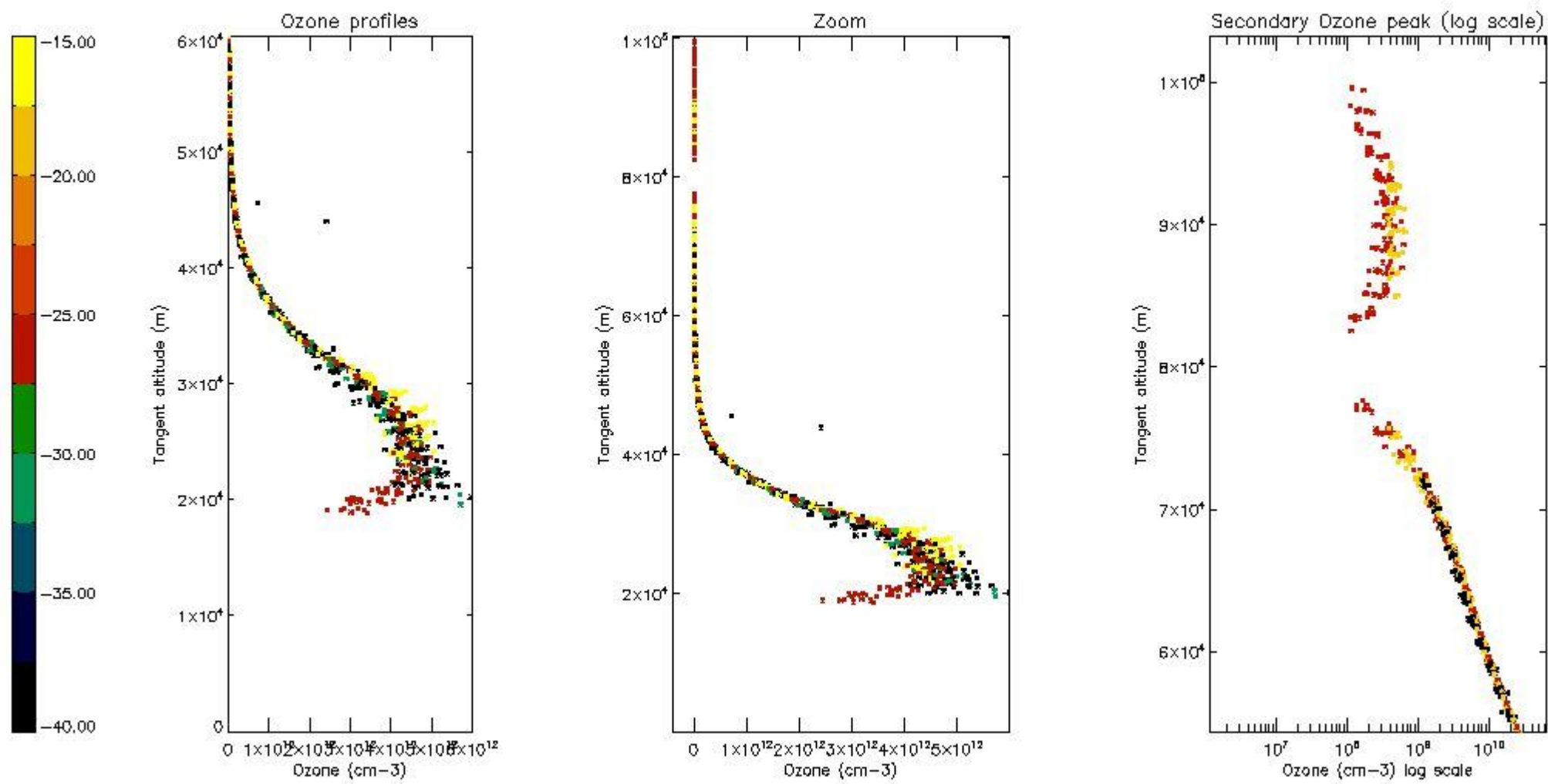
The colorbar represents the latitude.



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

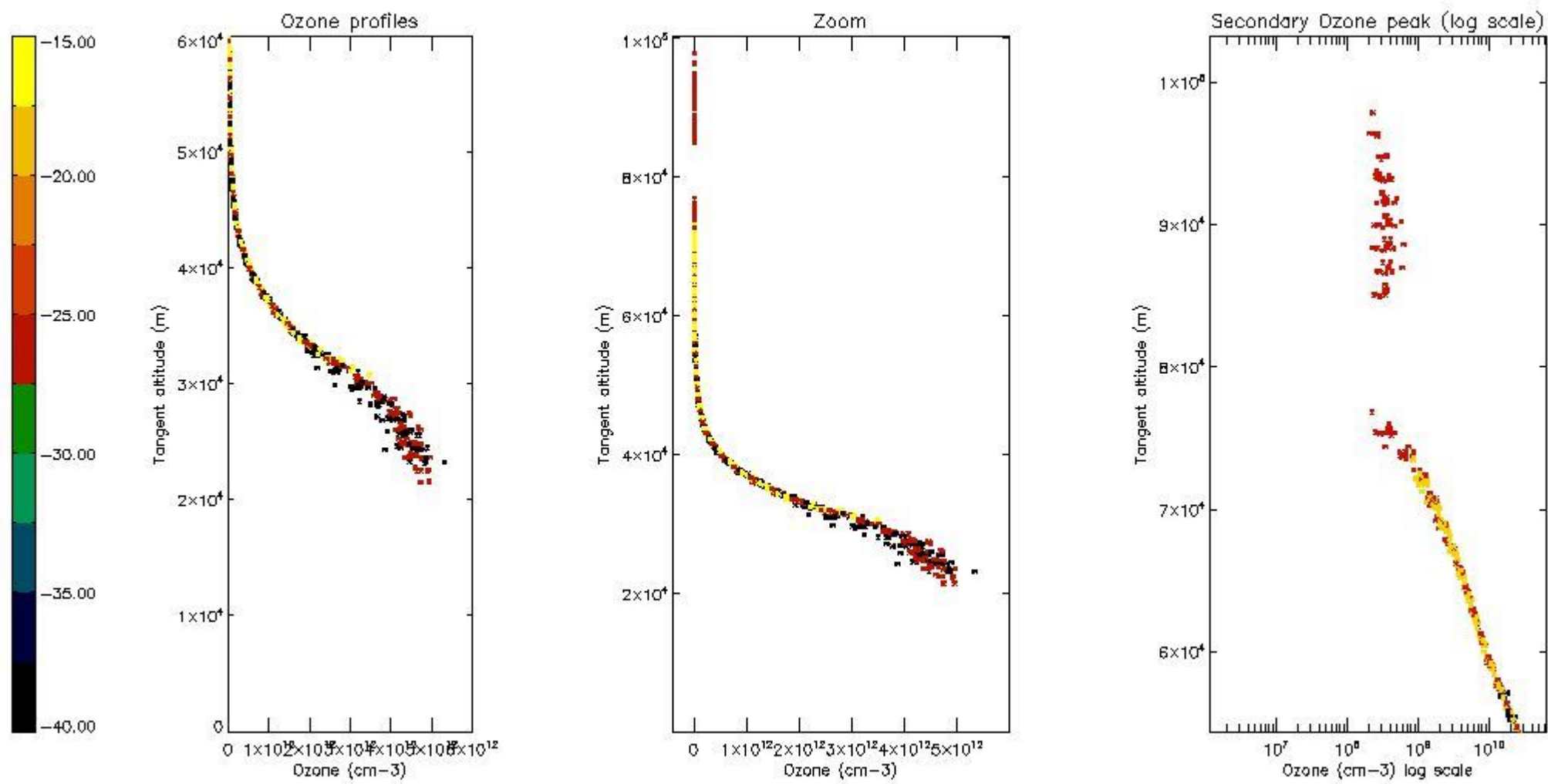
The colorbar represents the latitude.





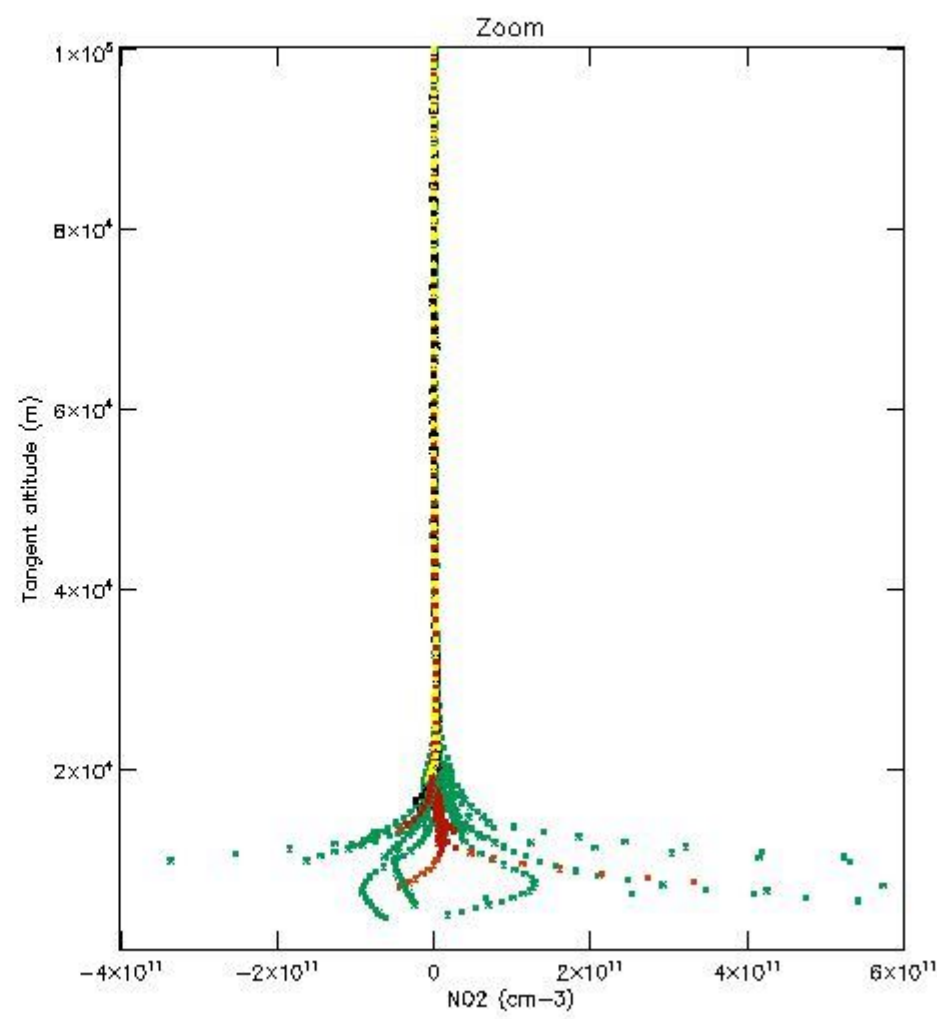
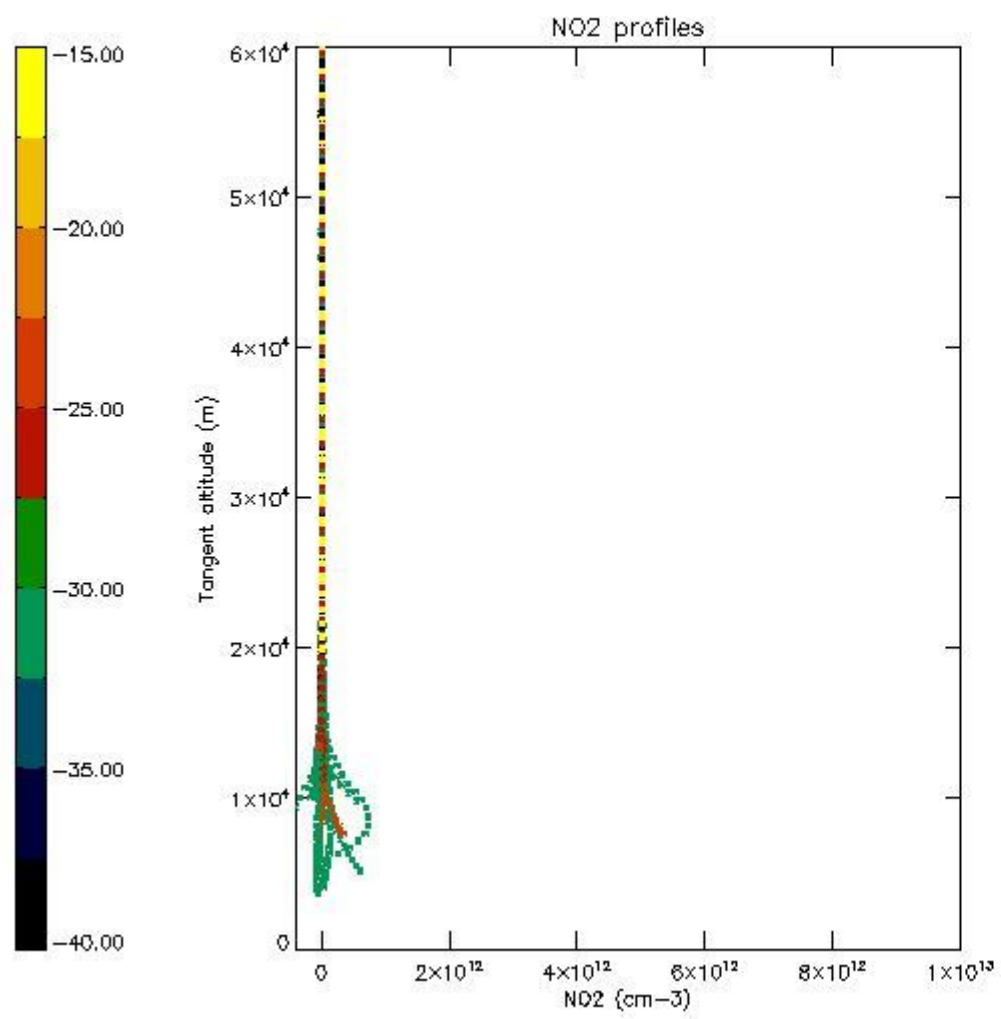
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

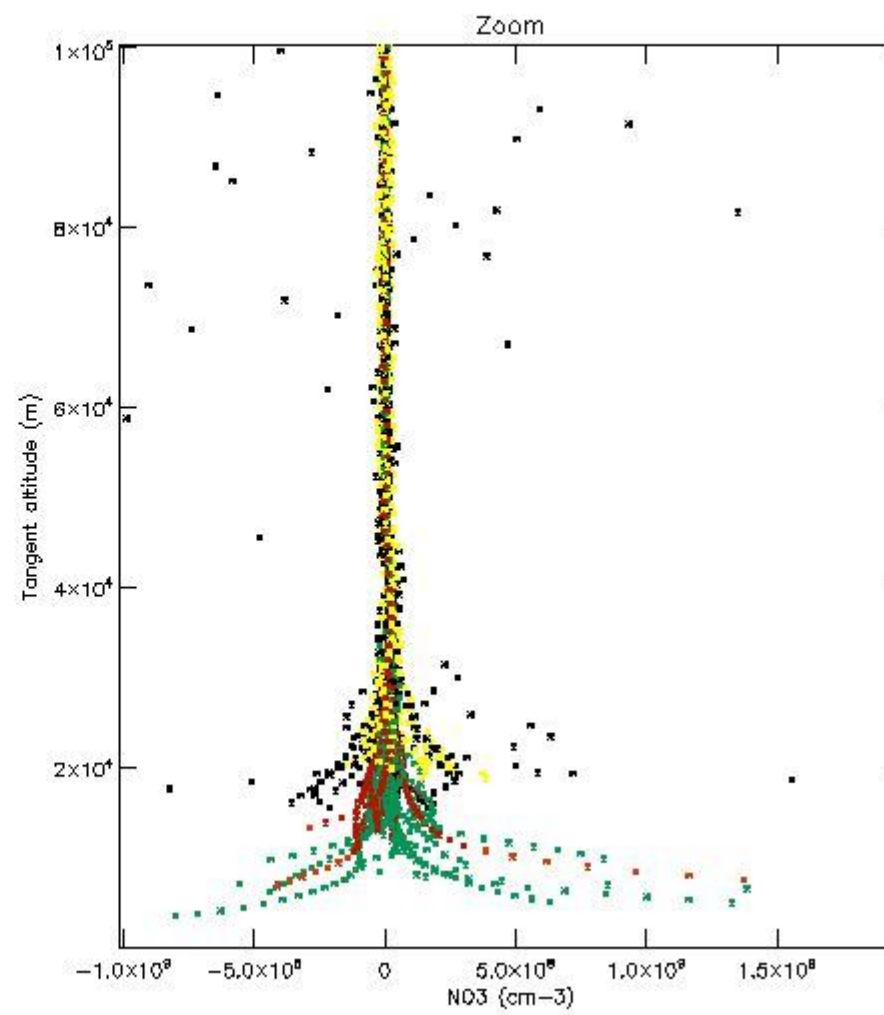
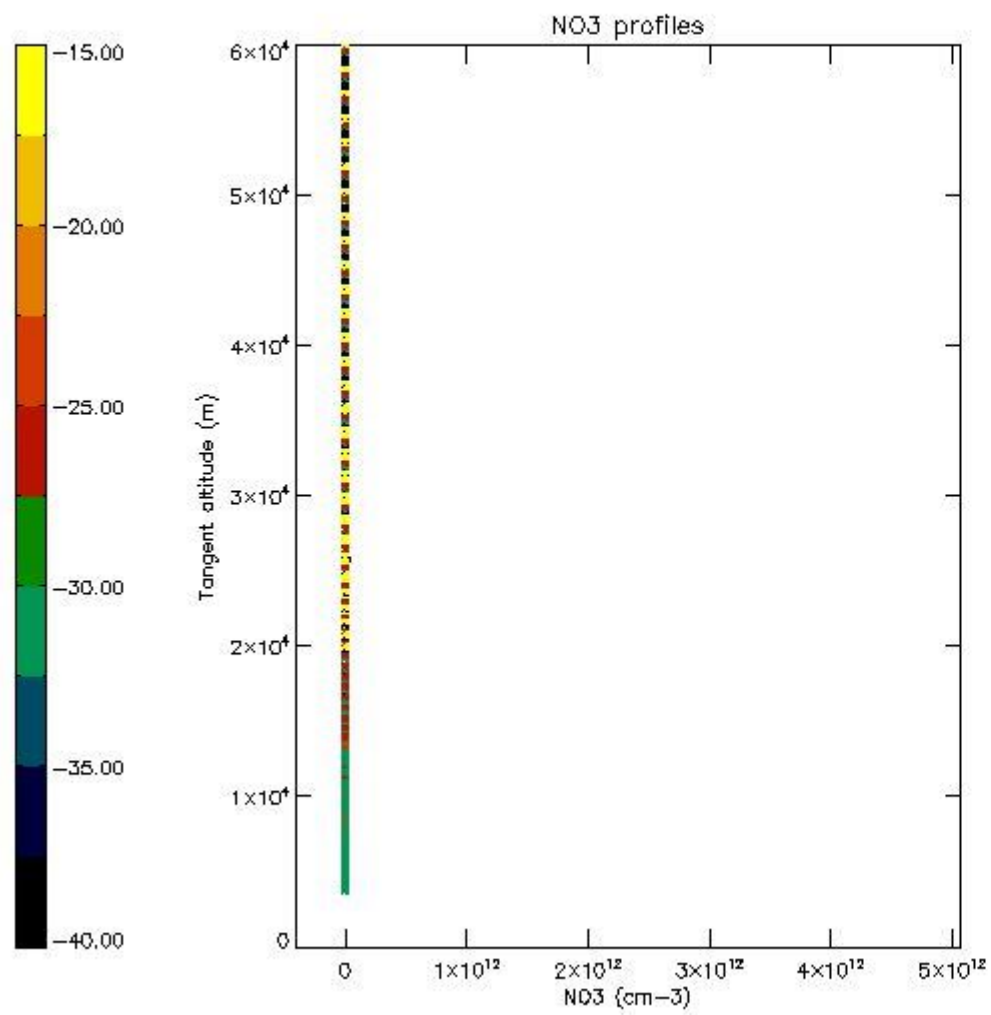
The colorbar represents the latitude.



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

The colorbar represents the latitude.





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

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

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	15-NOV-2007 00:14:58
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	15-NOV-2007 00:14:58
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	15-NOV-2007 00:14:58

# GOMOS Level 2 Daily Report

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

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

Item	Value
Time of report generation	23APR2013 11:22:37
Data source version	GOMOS/6.01
Start time of products	15-11-2007 (15NOV2007 00:00:00)
Stop time of products	16-11-2007 (16NOV2007 00:00:00)
Store outputs in DB	Yes
Nb of level 2 prods	267
Nb of prods with errors	0

## 2. Summary of processed GOM\_NL\_\_2P products.

Nr	Filename	UTC Start time	Limb	Duration	Star Id	Star Name	Star Mag	Star Temp	Nb Meas	Orbit	Prod. error
1	GOM_NL__2PRFIN20071115_001458_000000382063_00231_29844_1572.N1	15-NOV-2007 00:14:58	Bright	37.500	105	6Bet Ari	2.6450	8900.0	75	29844	No
2	GOM_NL__2PRFIN20071115_001859_000000372063_00231_29844_1573.N1	15-NOV-2007 00:18:59	Bright	36.500	173	4Bet Tri	3.0040	8900.0	73	29844	No
3	GOM_NL__2PRFIN20071115_002103_000000372063_00231_29844_1574.N1	15-NOV-2007 00:21:03	Bright	37.000	73	57Gam1And	2.2600	13100.	74	29844	No
4	GOM_NL__2PRFIN20071115_002521_000000372063_00231_29844_1575.N1	15-NOV-2007 00:25:21	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	29844	No
5	GOM_NL__2PRFIN20071115_003417_000000322063_00231_29844_1576.N1	15-NOV-2007 00:34:17	Bright	32.000	49	1Alp UMi	1.9900	6300.0	64	29844	No
6	GOM_NL__2PRFIN20071115_003836_000000362063_00231_29844_1577.N1	15-NOV-2007 00:38:36	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	29844	No
7	GOM_NL__2PRFIN20071115_004415_000000372063_00231_29844_1578.N1	15-NOV-2007 00:44:15	Bright	36.500	32	77Eps UMa	1.7630	11000.	73	29844	No
8	GOM_NL__2PRFIN20071115_004553_000000362063_00231_29844_1579.N1	15-NOV-2007 00:45:53	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	29844	No
9	GOM_NL__2PRFIN20071115_004922_000000352063_00231_29844_1580.N1	15-NOV-2007 00:49:22	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	29844	No
10	GOM_NL__2PRFIN20071115_005424_000000332063_00231_29844_1581.N1	15-NOV-2007 00:54:24	Bright	32.500	111	8Eta Boo	2.6800	6000.0	65	29844	No
11	GOM_NL__2PRFIN20071115_005704_000000342063_00231_29844_1582.N1	15-NOV-2007 00:57:04	Bright	33.500	138	47Eps Vir	2.8280	4700.0	67	29844	No
12	GOM_NL__2PRFIN20071115_010052_000000352063_00231_29844_1583.N1	15-NOV-2007 01:00:52	Bright	34.500	121	29Gam Vir	2.7400	7200.0	69	29844	No
13	GOM_NL__2PRFIN20071115_010553_000000412063_00231_29844_1584.N1	15-NOV-2007 01:05:53	Twilight	40.500	100	4Gam Crv	2.5800	13100.	81	29844	No
14	GOM_NL__2PRFIN20071115_010724_000000462063_00231_29844_1585.N1	15-NOV-2007 01:07:24	Twilight	45.500	171	2Eps Crv	3.0010	4250.0	91	29844	No
15	GOM_NL__2PRFIN20071115_011342_000000372063_00231_29844_1586.N1	15-NOV-2007 01:13:42	Dark	37.000	64	Gam Cen	2.2000	10600.	74	29844	No
16	GOM_NL__2PRFIN20071115_011559_000000422063_00231_29844_1587.N1	15-NOV-2007 01:15:59	Dark	41.500	26	Gam Cru	1.6240	2900.0	83	29844	No
17	GOM_NL__2PRFIN20071115_011736_000000372063_00231_29844_1588.N1	15-NOV-2007 01:17:36	Dark	37.000	12	Alp1Cru	0.77500	30000.	74	29844	No
18	GOM_NL__2PRFIN20071115_011937_000000372063_00232_29845_1583.N1	15-NOV-2007 01:19:37	Dark	37.000	124	The Car	2.7640	30000.	74	29845	No
19	GOM_NL__2PRFIN20071115_013747_000000382063_00232_29845_1584.N1	15-NOV-2007 01:37:47	Straylight	37.500	157	The1Eri	2.9060	9300.0	75	29845	No
20	GOM_NL__2PRFIN20071115_015534_000000372063_00232_29845_1585.N1	15-NOV-2007 01:55:34	Bright	36.500	105	6Bet Ari	2.6450	8900.0	73	29845	No
21	GOM_NL__2PRFIN20071115_015935_000000372063_00232_29845_1586.N1	15-NOV-2007 01:59:35	Bright	36.500	173	4Bet Tri	3.0040	8900.0	73	29845	No
22	GOM_NL__2PRFIN20071115_020139_000000372063_00232_29845_1587.N1	15-NOV-2007 02:01:39	Bright	37.000	73	57Gam1And	2.2600	13100.	74	29845	No
23	GOM_NL__2PRFIN20071115_020557_000000362063_00232_29845_1588.N1	15-NOV-2007 02:05:57	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	29845	No
24	GOM_NL__2PRFIN20071115_021453_000000332063_00232_29845_1589.N1	15-NOV-2007 02:14:53	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	29845	No
25	GOM_NL__2PRFIN20071115_021912_000000372063_00232_29845_1590.N1	15-NOV-2007 02:19:12	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	29845	No
26	GOM_NL__2PRFIN20071115_022451_000000362063_00232_29845_1591.N1	15-NOV-2007 02:24:51	Bright	36.000	32	77Eps UMa	1.7630	11000.	72	29845	No
27	GOM_NL__2PRFIN20071115_022629_000000342063_00232_29845_1592.N1	15-NOV-2007 02:26:29	Bright	34.000	39	85Eta UMa	1.8540	24000.	68	29845	No
28	GOM_NL__2PRFIN20071115_022958_000000342063_00232_29845_1593.N1	15-NOV-2007 02:29:58	Bright	33.500	152	12Alp2CVn	2.8900	11000.	67	29845	No
29	GOM_NL__2PRFIN20071115_023500_000000332063_00232_29845_1594.N1	15-NOV-2007 02:35:00	Bright	32.500	111	8Eta Boo	2.6800	6000.0	65	29845	No
30	GOM_NL__2PRFIN20071115_023741_000000332063_00232_29845_1595.N1	15-NOV-2007 02:37:41	Bright	33.000	138	47Eps Vir	2.8280	4700.0	66	29845	No
31	GOM_NL__2PRFIN20071115_024129_000000352063_00232_29845_1596.N1	15-NOV-2007 02:41:29	Bright	35.000	121	29Gam Vir	2.7400	7200.0	70	29845	No
32	GOM_NL__2PRFIN20071115_024629_000000402063_00232_29845_1597.N1	15-NOV-2007 02:46:29	Twilight	40.000	100	4Gam Crv	2.5800	13100.	80	29845	No
33	GOM_NL__2PRFIN20071115_024800_000000422063_00232_29845_1598.N1	15-NOV-2007 02:48:00	Twilight	42.000	171	2Eps Crv	3.0010	4250.0	84	29845	No
34	GOM_NL__2PRFIN20071115_025418_000000382063_00232_29845_1599.N1	15-NOV-2007 02:54:18	Dark	38.000	64	Gam Cen	2.2000	10600.	76	29845	No
35	GOM_NL__2PRFIN20071115_025635_000000502063_00232_29845_1600.N1	15-NOV-2007 02:56:35	Dark	49.500	26	Gam Cru	1.6240	2900.0	99	29845	No
36	GOM_NL__2PRFIN20071115_025812_000000432063_00232_29845_1601.N1	15-NOV-2007 02:58:12	Dark	42.500	12	Alp1Cru	0.77500	30000.	85	29845	No
37	GOM_NL__2PRFIN20071115_030013_000000362063_00233_29846_1611.N1	15-NOV-2007 03:00:13	Dark	36.000	124	The Car	2.7640	30000.	72	29846	No
38	GOM_NL__2PRFIN20071115_031823_000000372063_00233_29846_1612.N1	15-NOV-2007 03:18:23	Straylight	37.000	157	The1Eri	2.9060	9300.0	74	29846	No
39	GOM_NL__2PRFIN20071115_033610_000000362063_00233_29846_1613.N1	15-NOV-2007 03:36:10	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	29846	No
40	GOM_NL__2PRFIN20071115_034011_000000362063_00233_29846_1614.N1	15-NOV-2007 03:40:11	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	29846	No
41	GOM_NL__2PRFIN20071115_034215_000000362063_00233_29846_1615.N1	15-NOV-2007 03:42:15	Bright	36.000	73	57Gam1And	2.2600	13100.	72	29846	No
42	GOM_NL__2PRFIN20071115_034633_000000352063_00233_29846_1616.N1	15-NOV-2007 03:46:33	Bright	34.500	68	18Alp Cas	2.2250	4500.0	69	29846	No



43	GOM_NL__2PRFIN20071115_035529_000000372063_00233_29846_1617.N1	15-NOV-2007 03:55:29	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	29846	No
44	GOM_NL__2PRFIN20071115_035949_000000332063_00233_29846_1618.N1	15-NOV-2007 03:59:49	Bright	33.000	60	7Bet UMi	2.0810	3950.0	66	29846	No
45	GOM_NL__2PRFIN20071115_040527_000000352063_00233_29846_1619.N1	15-NOV-2007 04:05:27	Bright	34.500	32	77Eps UMa	1.7630	11000.	69	29846	No
46	GOM_NL__2PRFIN20071115_040705_000000342063_00233_29846_1620.N1	15-NOV-2007 04:07:05	Bright	33.500	39	85Eta UMa	1.8540	24000.	67	29846	No
47	GOM_NL__2PRFIN20071115_041034_000000352063_00233_29846_1621.N1	15-NOV-2007 04:10:34	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	29846	No
48	GOM_NL__2PRFIN20071115_041536_000000322063_00233_29846_1622.N1	15-NOV-2007 04:15:36	Bright	32.000	111	8Eta Boo	2.6800	6000.0	64	29846	No
49	GOM_NL__2PRFIN20071115_041817_000000342063_00233_29846_1623.N1	15-NOV-2007 04:18:17	Bright	33.500	138	47Eps Vir	2.8280	4700.0	67	29846	No
50	GOM_NL__2PRFIN20071115_042205_000000352063_00233_29846_1624.N1	15-NOV-2007 04:22:05	Bright	35.000	121	29Gam Vir	2.7400	7200.0	70	29846	No
51	GOM_NL__2PRFIN20071115_042706_000000432063_00233_29846_1625.N1	15-NOV-2007 04:27:06	Twilight	43.000	100	4Gam Crv	2.5800	13100.	86	29846	No
52	GOM_NL__2PRFIN20071115_042836_000000422063_00233_29846_1626.N1	15-NOV-2007 04:28:36	Twilight	41.500	171	2Eps Crv	3.0010	4250.0	83	29846	No
53	GOM_NL__2PRFIN20071115_043454_000000392063_00233_29846_1627.N1	15-NOV-2007 04:34:54	Dark	38.500	64	Gam Cen	2.2000	10600.	77	29846	No
54	GOM_NL__2PRFIN20071115_043711_000000522063_00233_29846_1628.N1	15-NOV-2007 04:37:11	Dark	52.000	26	Gam Cru	1.6240	2900.0	104	29846	No
55	GOM_NL__2PRFIN20071115_043848_000000422063_00233_29846_1629.N1	15-NOV-2007 04:38:48	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	29846	No
56	GOM_NL__2PRFIN20071115_044050_000000372063_00234_29847_1619.N1	15-NOV-2007 04:40:50	Dark	36.500	124	The Car	2.7640	30000.	73	29847	No
57	GOM_NL__2PRFIN20071115_045900_000000372063_00234_29847_1620.N1	15-NOV-2007 04:59:00	Straylight	37.000	157	The1Eri	2.9060	9300.0	74	29847	No
58	GOM_NL__2PRFIN20071115_051646_000000372063_00234_29847_1621.N1	15-NOV-2007 05:16:46	Bright	37.000	105	6Bet Ari	2.6450	8900.0	74	29847	No
59	GOM_NL__2PRFIN20071115_052047_000000352063_00234_29847_1622.N1	15-NOV-2007 05:20:47	Bright	35.000	173	4Bet Tri	3.0040	8900.0	70	29847	No
60	GOM_NL__2PRFIN20071115_052251_000000362063_00234_29847_1623.N1	15-NOV-2007 05:22:51	Bright	36.000	73	57Gam1And	2.2600	13100.	72	29847	No
61	GOM_NL__2PRFIN20071115_052709_000000372063_00234_29847_1624.N1	15-NOV-2007 05:27:09	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	29847	No
62	GOM_NL__2PRFIN20071115_053605_000000332063_00234_29847_1625.N1	15-NOV-2007 05:36:05	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	29847	No
63	GOM_NL__2PRFIN20071115_054025_000000382063_00234_29847_1626.N1	15-NOV-2007 05:40:25	Bright	38.000	60	7Bet UMi	2.0810	3950.0	76	29847	No
64	GOM_NL__2PRFIN20071115_054603_000000372063_00234_29847_1627.N1	15-NOV-2007 05:46:03	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	29847	No
65	GOM_NL__2PRFIN20071115_054741_000000362063_00234_29847_1628.N1	15-NOV-2007 05:47:41	Bright	36.000	39	85Eta UMa	1.8540	24000.	72	29847	No
66	GOM_NL__2PRFIN20071115_055110_000000362063_00234_29847_1629.N1	15-NOV-2007 05:51:10	Bright	36.000	152	12Alp2CVn	2.8900	11000.	72	29847	No
67	GOM_NL__2PRFIN20071115_055612_000000332063_00234_29847_1630.N1	15-NOV-2007 05:56:12	Bright	33.000	111	8Eta Boo	2.6800	6000.0	66	29847	No
68	GOM_NL__2PRFIN20071115_055853_000000342063_00234_29847_1631.N1	15-NOV-2007 05:58:53	Bright	33.500	138	47Eps Vir	2.8280	4700.0	67	29847	No
69	GOM_NL__2PRFIN20071115_060241_000000352063_00234_29847_1632.N1	15-NOV-2007 06:02:41	Bright	34.500	121	29Gam Vir	2.7400	7200.0	69	29847	No
70	GOM_NL__2PRFIN20071115_060742_000000412063_00234_29847_1633.N1	15-NOV-2007 06:07:42	Twilight	40.500	100	4Gam Crv	2.5800	13100.	81	29847	No
71	GOM_NL__2PRFIN20071115_060913_000000402063_00234_29847_1634.N1	15-NOV-2007 06:09:13	Twilight	40.000	171	2Eps Crv	3.0010	4250.0	80	29847	No
72	GOM_NL__2PRFIN20071115_061530_000000392063_00234_29847_1635.N1	15-NOV-2007 06:15:30	Dark	39.000	64	Gam Cen	2.2000	10600.	78	29847	No
73	GOM_NL__2PRFIN20071115_061747_000000432063_00234_29847_1636.N1	15-NOV-2007 06:17:47	Dark	43.000	26	Gam Cru	1.6240	2900.0	86	29847	No
74	GOM_NL__2PRFIN20071115_061925_000000402063_00234_29847_1637.N1	15-NOV-2007 06:19:25	Dark	40.000	12	Alp1Cru	0.77500	30000.	80	29847	No
75	GOM_NL__2PRFIN20071115_062126_000000372063_00235_29848_1634.N1	15-NOV-2007 06:21:26	Dark	36.500	124	The Car	2.7640	30000.	73	29848	No
76	GOM_NL__2PRFIN20071115_063936_000000372063_00235_29848_1635.N1	15-NOV-2007 06:39:36	Straylight	37.000	157	The1Eri	2.9060	9300.0	74	29848	No
77	GOM_NL__2PRFIN20071115_065722_000000372063_00235_29848_1636.N1	15-NOV-2007 06:57:22	Bright	36.500	105	6Bet Ari	2.6450	8900.0	73	29848	No
78	GOM_NL__2PRFIN20071115_070123_000000362063_00235_29848_1637.N1	15-NOV-2007 07:01:23	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	29848	No
79	GOM_NL__2PRFIN20071115_070327_000000362063_00235_29848_1638.N1	15-NOV-2007 07:03:27	Bright	36.000	73	57Gam1And	2.2600	13100.	72	29848	No
80	GOM_NL__2PRFIN20071115_070745_000000362063_00235_29848_1639.N1	15-NOV-2007 07:07:45	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	29848	No
81	GOM_NL__2PRFIN20071115_071641_000000362063_00235_29848_1640.N1	15-NOV-2007 07:16:41	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29848	No
82	GOM_NL__2PRFIN20071115_072101_000000362063_00235_29848_1641.N1	15-NOV-2007 07:21:01	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	29848	No
83	GOM_NL__2PRFIN20071115_072639_000000442063_00235_29848_1642.N1	15-NOV-2007 07:26:39	Bright	43.500	32	77Eps UMa	1.7630	11000.	87	29848	No
84	GOM_NL__2PRFIN20071115_072817_000000352063_00235_29848_1643.N1	15-NOV-2007 07:28:17	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	29848	No
85	GOM_NL__2PRFIN20071115_073146_000000342063_00235_29848_1644.N1	15-NOV-2007 07:31:46	Bright	34.000	152	12Alp2CVn	2.8900	11000.	68	29848	No
86	GOM_NL__2PRFIN20071115_073648_000000332063_00235_29848_1645.N1	15-NOV-2007 07:36:48	Bright	32.500	111	8Eta Boo	2.6800	6000.0	65	29848	No
87	GOM_NL__2PRFIN20071115_073929_000000342063_00235_29848_1646.N1	15-NOV-2007 07:39:29	Bright	33.500	138	47Eps Vir	2.8280	4700.0	67	29848	No
88	GOM_NL__2PRFIN20071115_074317_000000352063_00235_29848_1647.N1	15-NOV-2007 07:43:17	Bright	34.500	121	29Gam Vir	2.7400	7200.0	69	29848	No
89	GOM_NL__2PRFIN20071115_074818_000000392063_00235_29848_1648.N1	15-NOV-2007 07:48:18	Twilight	38.500	100	4Gam Crv	2.5800	13100.	77	29848	No
90	GOM_NL__2PRFIN20071115_074949_000000412063_00235_29848_1649.N1	15-NOV-2007 07:49:49	Twilight	41.000	171	2Eps Crv	3.0010	4250.0	82	29848	No
91	GOM_NL__2PRFIN20071115_075606_000000392063_00235_29848_1650.N1	15-NOV-2007 07:56:06	Dark	39.000	64	Gam Cen	2.2000	10600.	78	29848	No
92	GOM_NL__2PRFIN20071115_075823_000000422063_00235_29848_1651.N1	15-NOV-2007 07:58:23	Dark	41.500	26	Gam Cru	1.6240	2900.0	83	29848	No
93	GOM_NL__2PRFIN20071115_080001_000000392063_00235_29848_1652.N1	15-NOV-2007 08:00:01	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	29848	No
94	GOM_NL__2PRFIN20071115_080202_000000352063_00236_29849_1671.N1	15-NOV-2007 08:02:02	Dark	34.500	124	The Car	2.7640	30000.	69	29849	No
95	GOM_NL__2PRFIN20071115_082012_000000392063_00236_29849_1672.N1	15-NOV-2007 08:20:12	Straylight	39.000	157	The1Eri	2.9060	9300.0	78	29849	No
96	GOM_NL__2PRFIN20071115_083758_000000362063_00236_29849_1673.N1	15-NOV-2007 08:37:58	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	29849	No
97	GOM_NL__2PRFIN20071115_084159_000000362063_00236_29849_1674.N1	15-NOV-2007 08:41:59	Bright	35.500	173	4Bet Tri	3.0040	8900.0	71	29849	No
98	GOM_NL__2PRFIN20071115_084403_000000362063_00236_29849_1675.N1	15-NOV-2007 08:44:03	Bright	35.500	73	57Gam1And	2.2600	13100.	71	29849	No
99	GOM_NL__2PRFIN20071115_084821_000000362063_00236_29849_1676.N1	15-NOV-2007 08:48:21	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	29849	No
100	GOM_NL__2PRFIN20071115_085717_000000332063_00236_29849_1677.N1	15-NOV-2007 08:57:17	Bright	33.000	49	1Alp UMi	1.9900	6300.0	66	29849	No
101	GOM_NL__2PRFIN20071115_090137_000000352063_00236_29849_1678.N1	15-NOV-2007 09:01:37	Bright	35.000	60	7Bet UMi	2.0810	3950.0	70	29849	No

102	GOM_NL__2PRFIN20071115_090715_000000372063_00236_29849_1679.N1	15-NOV-2007 09:07:15	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	29849	No
103	GOM_NL__2PRFIN20071115_090853_000000342063_00236_29849_1680.N1	15-NOV-2007 09:08:53	Bright	34.000	39	85Eta UMa	1.8540	24000.	68	29849	No
104	GOM_NL__2PRFIN20071115_091724_000000332063_00236_29849_1681.N1	15-NOV-2007 09:17:24	Bright	32.500	111	8Eta Boo	2.6800	6000.0	65	29849	No
105	GOM_NL__2PRFIN20071115_092005_000000342063_00236_29849_1682.N1	15-NOV-2007 09:20:05	Bright	33.500	138	47Eps Vir	2.8280	4700.0	67	29849	No
106	GOM_NL__2PRFIN20071115_092354_000000352063_00236_29849_1683.N1	15-NOV-2007 09:23:54	Bright	35.000	121	29Gam Vir	2.7400	7200.0	70	29849	No
107	GOM_NL__2PRFIN20071115_092855_000000392063_00236_29849_1684.N1	15-NOV-2007 09:28:55	Twilight	39.000	100	4Gam Crv	2.5800	13100.	78	29849	No
108	GOM_NL__2PRFIN20071115_093025_000000442063_00236_29849_1685.N1	15-NOV-2007 09:30:25	Twilight	43.500	171	2Eps Crv	3.0010	4250.0	87	29849	No
109	GOM_NL__2PRFIN20071115_093643_000000382063_00236_29849_1686.N1	15-NOV-2007 09:36:43	Dark	37.500	64	Gam Cen	2.2000	10600.	75	29849	No
110	GOM_NL__2PRFIN20071115_093900_000000412063_00236_29849_1687.N1	15-NOV-2007 09:39:00	Dark	41.000	26	Gam Cru	1.6240	2900.0	82	29849	No
111	GOM_NL__2PRFIN20071115_094037_000000422063_00236_29849_1688.N1	15-NOV-2007 09:40:37	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	29849	No
112	GOM_NL__2PRFIN20071115_094239_000000372063_00237_29850_1680.N1	15-NOV-2007 09:42:39	Dark	36.500	124	The Car	2.7640	30000.	73	29850	No
113	GOM_NL__2PRFIN20071115_100048_000000382063_00237_29850_1681.N1	15-NOV-2007 10:00:48	Straylight	38.000	157	The1Eri	2.9060	9300.0	76	29850	No
114	GOM_NL__2PRFIN20071115_101834_000000372063_00237_29850_1682.N1	15-NOV-2007 10:18:34	Bright	36.500	105	6Bet Ari	2.6450	8900.0	73	29850	No
115	GOM_NL__2PRFIN20071115_102235_000000372063_00237_29850_1683.N1	15-NOV-2007 10:22:35	Bright	36.500	173	4Bet Tri	3.0040	8900.0	73	29850	No
116	GOM_NL__2PRFIN20071115_102439_000000382063_00237_29850_1684.N1	15-NOV-2007 10:24:39	Bright	37.500	73	57Gam1And	2.2600	13100.	75	29850	No
117	GOM_NL__2PRFIN20071115_102857_000000372063_00237_29850_1685.N1	15-NOV-2007 10:28:57	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	29850	No
118	GOM_NL__2PRFIN20071115_103752_000000372063_00237_29850_1686.N1	15-NOV-2007 10:37:52	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	29850	No
119	GOM_NL__2PRFIN20071115_104213_000000362063_00237_29850_1687.N1	15-NOV-2007 10:42:13	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	29850	No
120	GOM_NL__2PRFIN20071115_104751_000000372063_00237_29850_1688.N1	15-NOV-2007 10:47:51	Bright	36.500	32	77Eps UMa	1.7630	11000.	73	29850	No
121	GOM_NL__2PRFIN20071115_104929_000000332063_00237_29850_1689.N1	15-NOV-2007 10:49:29	Bright	33.000	39	85Eta UMa	1.8540	24000.	66	29850	No
122	GOM_NL__2PRFIN20071115_105258_000000352063_00237_29850_1690.N1	15-NOV-2007 10:52:58	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	29850	No
123	GOM_NL__2PRFIN20071115_105800_000000332063_00237_29850_1691.N1	15-NOV-2007 10:58:00	Bright	32.500	111	8Eta Boo	2.6800	6000.0	65	29850	No
124	GOM_NL__2PRFIN20071115_110041_000000342063_00237_29850_1692.N1	15-NOV-2007 11:00:41	Bright	33.500	138	47Eps Vir	2.8280	4700.0	67	29850	No
125	GOM_NL__2PRFIN20071115_110430_000000352063_00237_29850_1693.N1	15-NOV-2007 11:04:30	Bright	35.000	121	29Gam Vir	2.7400	7200.0	70	29850	No
126	GOM_NL__2PRFIN20071115_110931_000000412063_00237_29850_1694.N1	15-NOV-2007 11:09:31	Twilight	40.500	100	4Gam Crv	2.5800	13100.	81	29850	No
127	GOM_NL__2PRFIN20071115_111102_000000412063_00237_29850_1695.N1	15-NOV-2007 11:11:02	Twilight	40.500	171	2Eps Crv	3.0010	4250.0	81	29850	No
128	GOM_NL__2PRFIN20071115_111719_000000392063_00237_29850_1696.N1	15-NOV-2007 11:17:19	Dark	38.500	64	Gam Cen	2.2000	10600.	77	29850	No
129	GOM_NL__2PRFIN20071115_111936_000000442063_00237_29850_1697.N1	15-NOV-2007 11:19:36	Dark	44.000	26	Gam Cru	1.6240	2900.0	88	29850	No
130	GOM_NL__2PRFIN20071115_112315_000000372063_00238_29851_1688.N1	15-NOV-2007 11:23:15	Dark	36.500	124	The Car	2.7640	30000.	73	29851	No
131	GOM_NL__2PRFIN20071115_114124_000000362063_00238_29851_1689.N1	15-NOV-2007 11:41:24	Straylight	35.500	157	The1Eri	2.9060	9300.0	71	29851	No
132	GOM_NL__2PRFIN20071115_115910_000000362063_00238_29851_1690.N1	15-NOV-2007 11:59:10	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	29851	No
133	GOM_NL__2PRFIN20071115_120310_000000362063_00238_29851_1691.N1	15-NOV-2007 12:03:10	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	29851	No
134	GOM_NL__2PRFIN20071115_120514_000000382063_00238_29851_1692.N1	15-NOV-2007 12:05:14	Bright	38.000	73	57Gam1And	2.2600	13100.	76	29851	No
135	GOM_NL__2PRFIN20071115_120933_000000372063_00238_29851_1693.N1	15-NOV-2007 12:09:33	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	29851	No
136	GOM_NL__2PRFIN20071115_121828_000000372063_00238_29851_1694.N1	15-NOV-2007 12:18:28	Bright	37.000	49	1Alp UMi	1.9900	6300.0	74	29851	No
137	GOM_NL__2PRFIN20071115_122249_000000372063_00238_29851_1695.N1	15-NOV-2007 12:22:49	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	29851	No
138	GOM_NL__2PRFIN20071115_122827_000000372063_00238_29851_1696.N1	15-NOV-2007 12:28:27	Bright	36.500	32	77Eps UMa	1.7630	11000.	73	29851	No
139	GOM_NL__2PRFIN20071115_123005_000000352063_00238_29851_1697.N1	15-NOV-2007 12:30:05	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	29851	No
140	GOM_NL__2PRFIN20071115_123334_000000352063_00238_29851_1698.N1	15-NOV-2007 12:33:34	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	29851	No
141	GOM_NL__2PRFIN20071115_123836_000000332063_00238_29851_1699.N1	15-NOV-2007 12:38:36	Bright	32.500	111	8Eta Boo	2.6800	6000.0	65	29851	No
142	GOM_NL__2PRFIN20071115_124117_000000342063_00238_29851_1700.N1	15-NOV-2007 12:41:17	Bright	34.000	138	47Eps Vir	2.8280	4700.0	68	29851	No
143	GOM_NL__2PRFIN20071115_124506_000000412063_00238_29851_1701.N1	15-NOV-2007 12:45:06	Bright	40.500	121	29Gam Vir	2.7400	7200.0	81	29851	No
144	GOM_NL__2PRFIN20071115_125007_000000412063_00238_29851_1702.N1	15-NOV-2007 12:50:07	Twilight	40.500	100	4Gam Crv	2.5800	13100.	81	29851	No
145	GOM_NL__2PRFIN20071115_125138_000000432063_00238_29851_1703.N1	15-NOV-2007 12:51:38	Twilight	43.000	171	2Eps Crv	3.0010	4250.0	86	29851	No
146	GOM_NL__2PRFIN20071115_125755_000000372063_00238_29851_1704.N1	15-NOV-2007 12:57:55	Dark	36.500	64	Gam Cen	2.2000	10600.	73	29851	No
147	GOM_NL__2PRFIN20071115_130012_000000452063_00238_29851_1705.N1	15-NOV-2007 13:00:12	Dark	44.500	26	Gam Cru	1.6240	2900.0	89	29851	No
148	GOM_NL__2PRFIN20071115_130351_000000372063_00239_29852_1696.N1	15-NOV-2007 13:03:51	Dark	37.000	124	The Car	2.7640	30000.	74	29852	No
149	GOM_NL__2PRFIN20071115_132201_000000362063_00239_29852_1697.N1	15-NOV-2007 13:22:01	Straylight	36.000	157	The1Eri	2.9060	9300.0	72	29852	No
150	GOM_NL__2PRFIN20071115_133946_000000372063_00239_29852_1698.N1	15-NOV-2007 13:39:46	Bright	36.500	105	6Bet Ari	2.6450	8900.0	73	29852	No
151	GOM_NL__2PRFIN20071115_134346_000000352063_00239_29852_1699.N1	15-NOV-2007 13:43:46	Bright	34.500	173	4Bet Tri	3.0040	8900.0	69	29852	No
152	GOM_NL__2PRFIN20071115_134550_000000382063_00239_29852_1700.N1	15-NOV-2007 13:45:50	Bright	37.500	73	57Gam1And	2.2600	13100.	75	29852	No
153	GOM_NL__2PRFIN20071115_135009_000000372063_00239_29852_1701.N1	15-NOV-2007 13:50:09	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	29852	No
154	GOM_NL__2PRFIN20071115_135904_000000352063_00239_29852_1702.N1	15-NOV-2007 13:59:04	Bright	35.000	49	1Alp UMi	1.9900	6300.0	70	29852	No
155	GOM_NL__2PRFIN20071115_140325_000000332063_00239_29852_1703.N1	15-NOV-2007 14:03:25	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	29852	No
156	GOM_NL__2PRFIN20071115_140903_000000532063_00239_29852_1704.N1	15-NOV-2007 14:09:03	Bright	53.000	32	77Eps UMa	1.7630	11000.	106	29852	No
157	GOM_NL__2PRFIN20071115_141041_000000352063_00239_29852_1705.N1	15-NOV-2007 14:10:41	Bright	34.500	39	85Eta UMa	1.8540	24000.	69	29852	No
158	GOM_NL__2PRFIN20071115_141410_000000362063_00239_29852_1706.N1	15-NOV-2007 14:14:10	Bright	35.500	152	12Alp2CVn	2.8900	11000.	71	29852	No
159	GOM_NL__2PRFIN20071115_141913_000000332063_00239_29852_1707.N1	15-NOV-2007 14:19:13	Bright	33.000	111	8Eta Boo	2.6800	6000.0	66	29852	No
160	GOM_NL__2PRFIN20071115_142154_000000342063_00239_29852_1708.N1	15-NOV-2007 14:21:54	Bright	33.500	138	47Eps Vir	2.8280	4700.0	67	29852	No

161	GOM_NL__2PRFIN20071115_142542_000000352063_00239_29852_1709.N1	15-NOV-2007 14:25:42	Bright	35.000	121	29Gam Vir	2.7400	7200.0	70	29852	No
162	GOM_NL__2PRFIN20071115_143044_000000432063_00239_29852_1710.N1	15-NOV-2007 14:30:44	Twilight	42.500	100	4Gam Crv	2.5800	13100.	85	29852	No
163	GOM_NL__2PRFIN20071115_143215_000000442063_00239_29852_1711.N1	15-NOV-2007 14:32:15	Twilight	44.000	171	2Eps Crv	3.0010	4250.0	88	29852	No
164	GOM_NL__2PRFIN20071115_143831_000000372063_00239_29852_1712.N1	15-NOV-2007 14:38:31	Dark	37.000	64	Gam Cen	2.2000	10600.	74	29852	No
165	GOM_NL__2PRFIN20071115_144048_000000492063_00239_29852_1713.N1	15-NOV-2007 14:40:48	Dark	48.500	26	Gam Cru	1.6240	2900.0	97	29852	No
166	GOM_NL__2PRFIN20071115_144225_000000392063_00239_29852_1714.N1	15-NOV-2007 14:42:25	Dark	39.000	12	Alp1Cru	0.77500	30000.	78	29852	No
167	GOM_NL__2PRFIN20071115_144427_000000372063_00240_29853_1700.N1	15-NOV-2007 14:44:27	Dark	37.000	124	The Car	2.7640	30000.	74	29853	No
168	GOM_NL__2PRFIN20071115_150237_000000382063_00240_29853_1701.N1	15-NOV-2007 15:02:37	Straylight	37.500	157	The1Eri	2.9060	9300.0	75	29853	No
169	GOM_NL__2PRFIN20071115_152022_000000372063_00240_29853_1702.N1	15-NOV-2007 15:20:22	Bright	37.000	105	6Bet Ari	2.6450	8900.0	74	29853	No
170	GOM_NL__2PRFIN20071115_152422_000000352063_00240_29853_1703.N1	15-NOV-2007 15:24:22	Bright	34.500	173	4Bet Tri	3.0040	8900.0	69	29853	No
171	GOM_NL__2PRFIN20071115_152626_000000372063_00240_29853_1704.N1	15-NOV-2007 15:26:26	Bright	36.500	73	57Gam1And	2.2600	13100.	73	29853	No
172	GOM_NL__2PRFIN20071115_153045_000000362063_00240_29853_1705.N1	15-NOV-2007 15:30:45	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	29853	No
173	GOM_NL__2PRFIN20071115_153940_000000372063_00240_29853_1706.N1	15-NOV-2007 15:39:40	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	29853	No
174	GOM_NL__2PRFIN20071115_154401_000000362063_00240_29853_1707.N1	15-NOV-2007 15:44:01	Bright	36.000	60	7Bet UMi	2.0810	3950.0	72	29853	No
175	GOM_NL__2PRFIN20071115_154939_000000372063_00240_29853_1708.N1	15-NOV-2007 15:49:39	Bright	37.000	32	77Eps UMa	1.7630	11000.	74	29853	No
176	GOM_NL__2PRFIN20071115_155117_000000342063_00240_29853_1709.N1	15-NOV-2007 15:51:17	Bright	34.000	39	85Eta UMa	1.8540	24000.	68	29853	No
177	GOM_NL__2PRFIN20071115_155446_000000492063_00240_29853_1710.N1	15-NOV-2007 15:54:46	Bright	48.500	152	12Alp2CVn	2.8900	11000.	97	29853	No
178	GOM_NL__2PRFIN20071115_155949_000000332063_00240_29853_1711.N1	15-NOV-2007 15:59:49	Bright	32.500	111	8Eta Boo	2.6800	6000.0	65	29853	No
179	GOM_NL__2PRFIN20071115_160230_000000342063_00240_29853_1712.N1	15-NOV-2007 16:02:30	Bright	33.500	138	47Eps Vir	2.8280	4700.0	67	29853	No
180	GOM_NL__2PRFIN20071115_160619_000000362063_00240_29853_1713.N1	15-NOV-2007 16:06:19	Bright	35.500	121	29Gam Vir	2.7400	7200.0	71	29853	No
181	GOM_NL__2PRFIN20071115_161120_000000422063_00240_29853_1714.N1	15-NOV-2007 16:11:20	Twilight	41.500	100	4Gam Crv	2.5800	13100.	83	29853	No
182	GOM_NL__2PRFIN20071115_161251_000000452063_00240_29853_1715.N1	15-NOV-2007 16:12:51	Twilight	44.500	171	2Eps Crv	3.0010	4250.0	89	29853	No
183	GOM_NL__2PRFIN20071115_161907_000000392063_00240_29853_1716.N1	15-NOV-2007 16:19:07	Dark	39.000	64	Gam Cen	2.2000	10600.	78	29853	No
184	GOM_NL__2PRFIN20071115_162124_000000452063_00240_29853_1717.N1	15-NOV-2007 16:21:24	Dark	44.500	26	Gam Cru	1.6240	2900.0	89	29853	No
185	GOM_NL__2PRFIN20071115_162301_000000472063_00240_29853_1718.N1	15-NOV-2007 16:23:01	Dark	47.000	12	Alp1Cru	0.77500	30000.	94	29853	No
186	GOM_NL__2PRFIN20071115_162504_000000382063_00241_29854_1740.N1	15-NOV-2007 16:25:04	Dark	38.000	124	The Car	2.7640	30000.	76	29854	No
187	GOM_NL__2PRFIN20071115_164313_000000372063_00241_29854_1741.N1	15-NOV-2007 16:43:13	Straylight	37.000	157	The1Eri	2.9060	9300.0	74	29854	No
188	GOM_NL__2PRFIN20071115_170058_000000362063_00241_29854_1742.N1	15-NOV-2007 17:00:58	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	29854	No
189	GOM_NL__2PRFIN20071115_170458_000000362063_00241_29854_1743.N1	15-NOV-2007 17:04:58	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	29854	No
190	GOM_NL__2PRFIN20071115_170702_000000372063_00241_29854_1744.N1	15-NOV-2007 17:07:02	Bright	37.000	73	57Gam1And	2.2600	13100.	74	29854	No
191	GOM_NL__2PRFIN20071115_171121_000000352063_00241_29854_1745.N1	15-NOV-2007 17:11:21	Bright	35.000	68	18Alp Cas	2.2250	4500.0	70	29854	No
192	GOM_NL__2PRFIN20071115_172016_000000362063_00241_29854_1746.N1	15-NOV-2007 17:20:16	Bright	36.000	49	1Alp UMi	1.9900	6300.0	72	29854	No
193	GOM_NL__2PRFIN20071115_172437_000000362063_00241_29854_1747.N1	15-NOV-2007 17:24:37	Bright	35.500	60	7Bet UMi	2.0810	3950.0	71	29854	No
194	GOM_NL__2PRFIN20071115_173015_000000382063_00241_29854_1748.N1	15-NOV-2007 17:30:15	Bright	37.500	32	77Eps UMa	1.7630	11000.	75	29854	No
195	GOM_NL__2PRFIN20071115_173153_000000332063_00241_29854_1749.N1	15-NOV-2007 17:31:53	Bright	33.000	39	85Eta UMa	1.8540	24000.	66	29854	No
196	GOM_NL__2PRFIN20071115_173522_000000352063_00241_29854_1750.N1	15-NOV-2007 17:35:22	Bright	34.500	152	12Alp2CVn	2.8900	11000.	69	29854	No
197	GOM_NL__2PRFIN20071115_174025_000000332063_00241_29854_1751.N1	15-NOV-2007 17:40:25	Bright	32.500	111	8Eta Boo	2.6800	6000.0	65	29854	No
198	GOM_NL__2PRFIN20071115_174306_000000342063_00241_29854_1752.N1	15-NOV-2007 17:43:06	Bright	33.500	138	47Eps Vir	2.8280	4700.0	67	29854	No
199	GOM_NL__2PRFIN20071115_174655_000000382063_00241_29854_1753.N1	15-NOV-2007 17:46:55	Bright	37.500	121	29Gam Vir	2.7400	7200.0	75	29854	No
200	GOM_NL__2PRFIN20071115_175157_000000402063_00241_29854_1754.N1	15-NOV-2007 17:51:57	Twilight	40.000	100	4Gam Crv	2.5800	13100.	80	29854	No
201	GOM_NL__2PRFIN20071115_175328_000000412063_00241_29854_1755.N1	15-NOV-2007 17:53:28	Twilight	41.000	171	2Eps Crv	3.0010	4250.0	82	29854	No
202	GOM_NL__2PRFIN20071115_175943_000000392063_00241_29854_1756.N1	15-NOV-2007 17:59:43	Dark	38.500	64	Gam Cen	2.2000	10600.	77	29854	No
203	GOM_NL__2PRFIN20071115_180200_000000512063_00241_29854_1757.N1	15-NOV-2007 18:02:00	Dark	51.000	26	Gam Cru	1.6240	2900.0	102	29854	No
204	GOM_NL__2PRFIN20071115_180337_000000472063_00241_29854_1758.N1	15-NOV-2007 18:03:37	Dark	46.500	12	Alp1Cru	0.77500	30000.	93	29854	No
205	GOM_NL__2PRFIN20071115_180540_000000382063_00242_29855_1763.N1	15-NOV-2007 18:05:40	Dark	37.500	124	The Car	2.7640	30000.	75	29855	No
206	GOM_NL__2PRFIN20071115_182349_000000382063_00242_29855_1764.N1	15-NOV-2007 18:23:49	Straylight	38.000	157	The1Eri	2.9060	9300.0	76	29855	No
207	GOM_NL__2PRFIN20071115_184134_000000372063_00242_29855_1765.N1	15-NOV-2007 18:41:34	Bright	36.500	105	6Bet Ari	2.6450	8900.0	73	29855	No
208	GOM_NL__2PRFIN20071115_184534_000000352063_00242_29855_1766.N1	15-NOV-2007 18:45:34	Bright	35.000	173	4Bet Tri	3.0040	8900.0	70	29855	No
209	GOM_NL__2PRFIN20071115_184738_000000362063_00242_29855_1767.N1	15-NOV-2007 18:47:38	Bright	35.500	73	57Gam1And	2.2600	13100.	71	29855	No
210	GOM_NL__2PRFIN20071115_185158_000000372063_00242_29855_1768.N1	15-NOV-2007 18:51:58	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	29855	No
211	GOM_NL__2PRFIN20071115_190052_000000372063_00242_29855_1769.N1	15-NOV-2007 19:00:52	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	29855	No
212	GOM_NL__2PRFIN20071115_190513_000000372063_00242_29855_1770.N1	15-NOV-2007 19:05:13	Bright	37.000	60	7Bet UMi	2.0810	3950.0	74	29855	No
213	GOM_NL__2PRFIN20071115_191051_000000352063_00242_29855_1771.N1	15-NOV-2007 19:10:51	Bright	34.500	32	77Eps UMa	1.7630	11000.	69	29855	No
214	GOM_NL__2PRFIN20071115_191229_000000332063_00242_29855_1772.N1	15-NOV-2007 19:12:29	Bright	33.000	39	85Eta UMa	1.8540	24000.	66	29855	No
215	GOM_NL__2PRFIN20071115_191558_000000532063_00242_29855_1773.N1	15-NOV-2007 19:15:58	Bright	53.000	152	12Alp2CVn	2.8900	11000.	106	29855	No
216	GOM_NL__2PRFIN20071115_192101_000000332063_00242_29855_1774.N1	15-NOV-2007 19:21:01	Bright	32.500	111	8Eta Boo	2.6800	6000.0	65	29855	No
217	GOM_NL__2PRFIN20071115_192342_000000342063_00242_29855_1775.N1	15-NOV-2007 19:23:42	Bright	34.000	138	47Eps Vir	2.8280	4700.0	68	29855	No
218	GOM_NL__2PRFIN20071115_192731_000000372063_00242_29855_1776.N1	15-NOV-2007 19:27:31	Bright	37.000	121	29Gam Vir	2.7400	7200.0	74	29855	No
219	GOM_NL__2PRFIN20071115_193233_000000392063_00242_29855_1777.N1	15-NOV-2007 19:32:33	Twilight	39.000	100	4Gam Crv	2.5800	13100.	78	29855	No



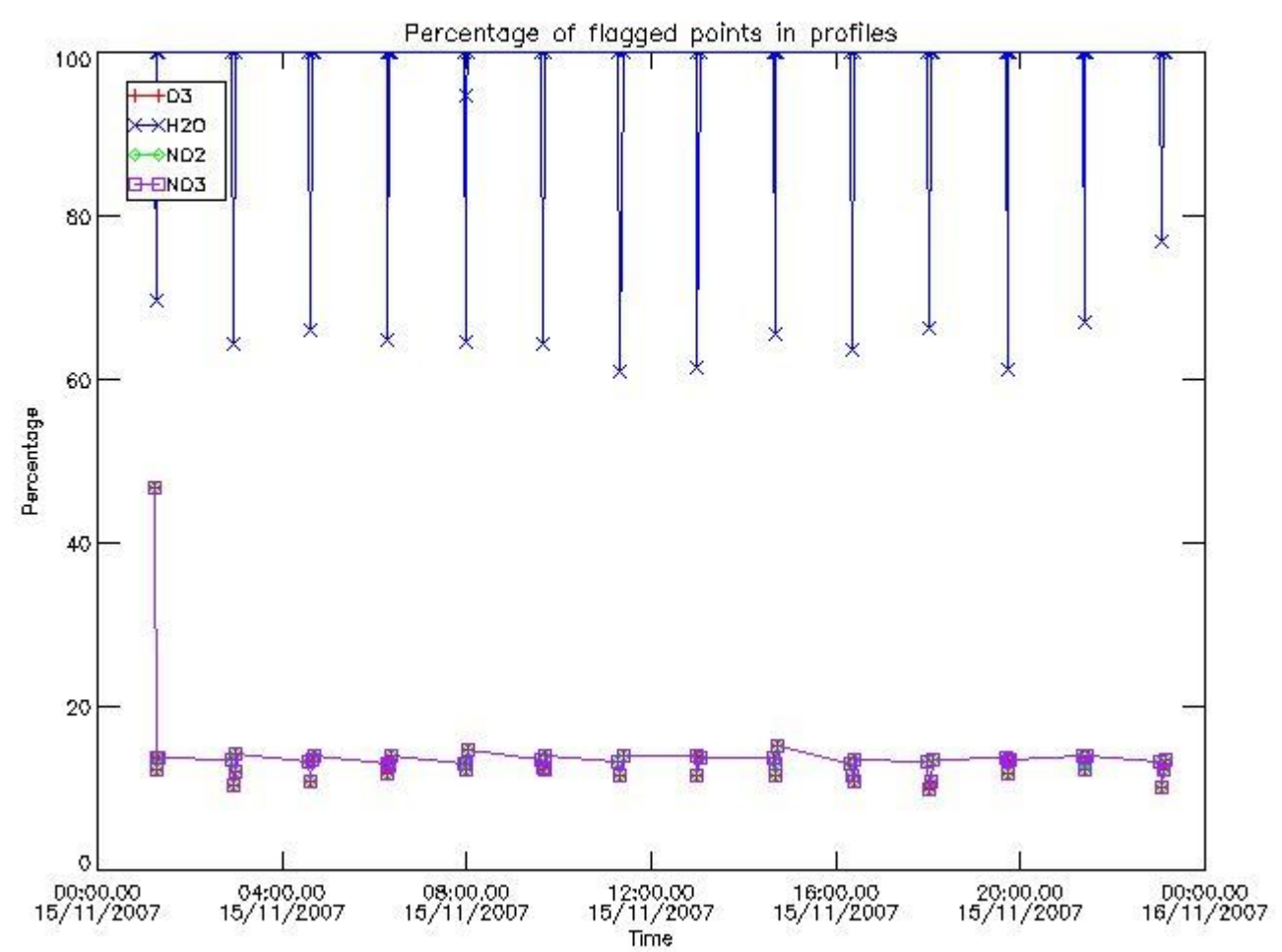
220	GOM_NL__2PRFIN20071115_193404_000000462063_00242_29855_1778.N1	15-NOV-2007 19:34:04	Twilight	45.500	171	2Eps Crv	3.0010	4250.0	91	29855	No
221	GOM_NL__2PRFIN20071115_194019_000000372063_00242_29855_1779.N1	15-NOV-2007 19:40:19	Dark	37.000	64	Gam Cen	2.2000	10600.	74	29855	No
222	GOM_NL__2PRFIN20071115_194236_000000432063_00242_29855_1780.N1	15-NOV-2007 19:42:36	Dark	43.000	26	Gam Cru	1.6240	2900.0	86	29855	No
223	GOM_NL__2PRFIN20071115_194413_000000392063_00242_29855_1781.N1	15-NOV-2007 19:44:13	Dark	38.500	12	Alp1Cru	0.77500	30000.	77	29855	No
224	GOM_NL__2PRFIN20071115_194616_000000382063_00243_29856_1794.N1	15-NOV-2007 19:46:16	Dark	38.000	124	The Car	2.7640	30000.	76	29856	No
225	GOM_NL__2PRFIN20071115_200425_000000372063_00243_29856_1795.N1	15-NOV-2007 20:04:25	Straylight	37.000	157	The1Eri	2.9060	9300.0	74	29856	No
226	GOM_NL__2PRFIN20071115_202210_000000362063_00243_29856_1796.N1	15-NOV-2007 20:22:10	Bright	36.000	105	6Bet Ari	2.6450	8900.0	72	29856	No
227	GOM_NL__2PRFIN20071115_202610_000000362063_00243_29856_1797.N1	15-NOV-2007 20:26:10	Bright	35.500	173	4Bet Tri	3.0040	8900.0	71	29856	No
228	GOM_NL__2PRFIN20071115_202814_000000372063_00243_29856_1798.N1	15-NOV-2007 20:28:14	Bright	36.500	73	57Gam1And	2.2600	13100.	73	29856	No
229	GOM_NL__2PRFIN20071115_203234_000000372063_00243_29856_1799.N1	15-NOV-2007 20:32:34	Bright	36.500	68	18Alp Cas	2.2250	4500.0	73	29856	No
230	GOM_NL__2PRFIN20071115_204128_000000362063_00243_29856_1800.N1	15-NOV-2007 20:41:28	Bright	35.500	49	1Alp UMi	1.9900	6300.0	71	29856	No
231	GOM_NL__2PRFIN20071115_204549_000000332063_00243_29856_1801.N1	15-NOV-2007 20:45:49	Bright	32.500	60	7Bet UMi	2.0810	3950.0	65	29856	No
232	GOM_NL__2PRFIN20071115_205127_000000392063_00243_29856_1802.N1	15-NOV-2007 20:51:27	Bright	39.000	32	77Eps UMa	1.7630	11000.	78	29856	No
233	GOM_NL__2PRFIN20071115_205305_000000352063_00243_29856_1803.N1	15-NOV-2007 20:53:05	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	29856	No
234	GOM_NL__2PRFIN20071115_205634_000000352063_00243_29856_1804.N1	15-NOV-2007 20:56:34	Bright	35.000	152	12Alp2CVn	2.8900	11000.	70	29856	No
235	GOM_NL__2PRFIN20071115_210137_000000332063_00243_29856_1805.N1	15-NOV-2007 21:01:37	Bright	33.000	111	8Eta Boo	2.6800	6000.0	66	29856	No
236	GOM_NL__2PRFIN20071115_210418_000000342063_00243_29856_1806.N1	15-NOV-2007 21:04:18	Bright	33.500	138	47Eps Vir	2.8280	4700.0	67	29856	No
237	GOM_NL__2PRFIN20071115_210807_000000492063_00243_29856_1807.N1	15-NOV-2007 21:08:07	Bright	49.000	121	29Gam Vir	2.7400	7200.0	98	29856	No
238	GOM_NL__2PRFIN20071115_211309_000000402063_00243_29856_1808.N1	15-NOV-2007 21:13:09	Tw_and_stray	39.500	100	4Gam Crv	2.5800	13100.	79	29856	No
239	GOM_NL__2PRFIN20071115_211440_000000432063_00243_29856_1809.N1	15-NOV-2007 21:14:40	Twilight	42.500	171	2Eps Crv	3.0010	4250.0	85	29856	No
240	GOM_NL__2PRFIN20071115_212055_000000372063_00243_29856_1810.N1	15-NOV-2007 21:20:55	Dark	36.500	64	Gam Cen	2.2000	10600.	73	29856	No
241	GOM_NL__2PRFIN20071115_212312_000000512063_00243_29856_1811.N1	15-NOV-2007 21:23:12	Dark	50.500	26	Gam Cru	1.6240	2900.0	101	29856	No
242	GOM_NL__2PRFIN20071115_212449_000000422063_00243_29856_1812.N1	15-NOV-2007 21:24:49	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	29856	No
243	GOM_NL__2PRFIN20071115_212653_000000372063_00244_29857_1810.N1	15-NOV-2007 21:26:53	Dark	36.500	124	The Car	2.7640	30000.	73	29857	No
244	GOM_NL__2PRFIN20071115_214501_000000392063_00244_29857_1811.N1	15-NOV-2007 21:45:01	Straylight	38.500	157	The1Eri	2.9060	9300.0	77	29857	No
245	GOM_NL__2PRFIN20071115_220245_000000362063_00244_29857_1812.N1	15-NOV-2007 22:02:45	Bright	35.500	105	6Bet Ari	2.6450	8900.0	71	29857	No
246	GOM_NL__2PRFIN20071115_220646_000000362063_00244_29857_1813.N1	15-NOV-2007 22:06:46	Bright	36.000	173	4Bet Tri	3.0040	8900.0	72	29857	No
247	GOM_NL__2PRFIN20071115_220850_000000362063_00244_29857_1814.N1	15-NOV-2007 22:08:50	Bright	35.500	73	57Gam1And	2.2600	13100.	71	29857	No
248	GOM_NL__2PRFIN20071115_221310_000000362063_00244_29857_1815.N1	15-NOV-2007 22:13:10	Bright	36.000	68	18Alp Cas	2.2250	4500.0	72	29857	No
249	GOM_NL__2PRFIN20071115_222204_000000372063_00244_29857_1816.N1	15-NOV-2007 22:22:04	Bright	36.500	49	1Alp UMi	1.9900	6300.0	73	29857	No
250	GOM_NL__2PRFIN20071115_222625_000000372063_00244_29857_1817.N1	15-NOV-2007 22:26:25	Bright	36.500	60	7Bet UMi	2.0810	3950.0	73	29857	No
251	GOM_NL__2PRFIN20071115_223203_000000532063_00244_29857_1818.N1	15-NOV-2007 22:32:03	Bright	53.000	32	77Eps UMa	1.7630	11000.	106	29857	No
252	GOM_NL__2PRFIN20071115_223341_000000352063_00244_29857_1819.N1	15-NOV-2007 22:33:41	Bright	35.000	39	85Eta UMa	1.8540	24000.	70	29857	No
253	GOM_NL__2PRFIN20071115_223710_000000472063_00244_29857_1820.N1	15-NOV-2007 22:37:10	Bright	46.500	152	12Alp2CVn	2.8900	11000.	93	29857	No
254	GOM_NL__2PRFIN20071115_224213_000000332063_00244_29857_1821.N1	15-NOV-2007 22:42:13	Bright	32.500	111	8Eta Boo	2.6800	6000.0	65	29857	No
255	GOM_NL__2PRFIN20071115_224454_000000342063_00244_29857_1822.N1	15-NOV-2007 22:44:54	Bright	34.000	138	47Eps Vir	2.8280	4700.0	68	29857	No
256	GOM_NL__2PRFIN20071115_224843_000000532063_00244_29857_1823.N1	15-NOV-2007 22:48:43	Bright	53.000	121	29Gam Vir	2.7400	7200.0	106	29857	No
257	GOM_NL__2PRFIN20071115_225345_000000402063_00244_29857_1824.N1	15-NOV-2007 22:53:45	Tw_and_stray	40.000	100	4Gam Crv	2.5800	13100.	80	29857	No
258	GOM_NL__2PRFIN20071115_225516_000000442063_00244_29857_1825.N1	15-NOV-2007 22:55:16	Twilight	44.000	171	2Eps Crv	3.0010	4250.0	88	29857	No
259	GOM_NL__2PRFIN20071115_230132_000000392063_00244_29857_1826.N1	15-NOV-2007 23:01:32	Dark	38.500	64	Gam Cen	2.2000	10600.	77	29857	No
260	GOM_NL__2PRFIN20071115_230348_000000502063_00244_29857_1827.N1	15-NOV-2007 23:03:48	Dark	50.000	26	Gam Cru	1.6240	2900.0	100	29857	No
261	GOM_NL__2PRFIN20071115_230525_000000422063_00244_29857_1828.N1	15-NOV-2007 23:05:25	Dark	41.500	12	Alp1Cru	0.77500	30000.	83	29857	No
262	GOM_NL__2PRFIN20071115_230729_000000382063_00245_29858_1817.N1	15-NOV-2007 23:07:29	Dark	37.500	124	The Car	2.7640	30000.	75	29858	No
263	GOM_NL__2PRFIN20071115_232537_000000382063_00245_29858_1818.N1	15-NOV-2007 23:25:37	Straylight	37.500	157	The1Eri	2.9060	9300.0	75	29858	No
264	GOM_NL__2PRFIN20071115_234321_000000372063_00245_29858_1819.N1	15-NOV-2007 23:43:21	Bright	37.000	105	6Bet Ari	2.6450	8900.0	74	29858	No
265	GOM_NL__2PRFIN20071115_234721_000000352063_00245_29858_1820.N1	15-NOV-2007 23:47:21	Bright	34.500	173	4Bet Tri	3.0040	8900.0	69	29858	No
266	GOM_NL__2PRFIN20071115_234925_000000372063_00245_29858_1821.N1	15-NOV-2007 23:49:25	Bright	36.500	73	57Gam1And	2.2600	13100.	73	29858	No
267	GOM_NL__2PRFIN20071115_235346_000000372063_00245_29858_1822.N1	15-NOV-2007 23:53:46	Bright	37.000	68	18Alp Cas	2.2250	4500.0	74	29858	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.

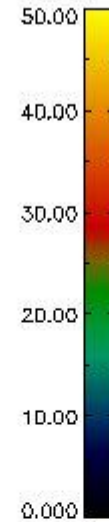
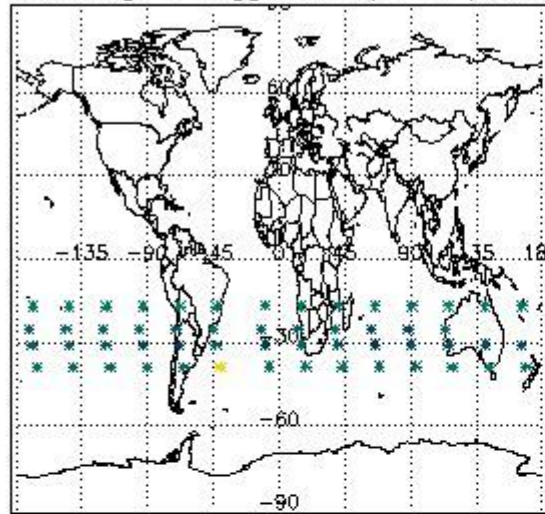
#### 3.1 Plot quality information per product (time dependant)



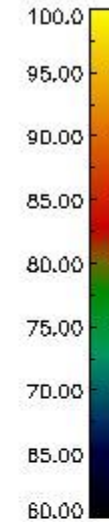
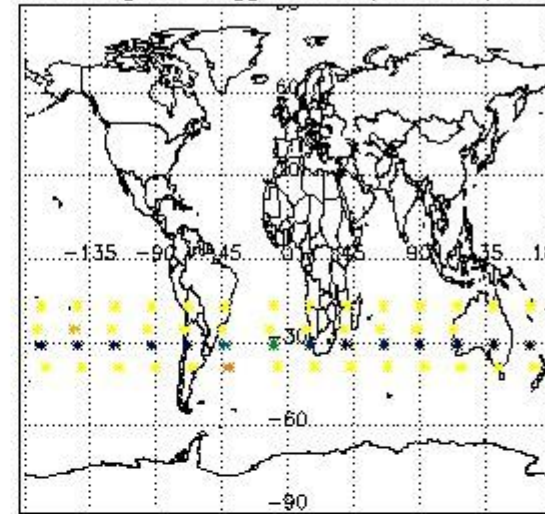


3.2 Plot quality information per product (world map)

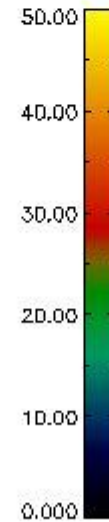
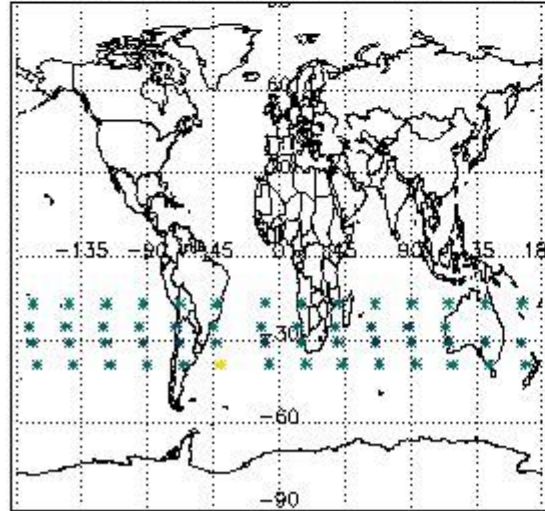
Percentage of flagged data per O3 profile



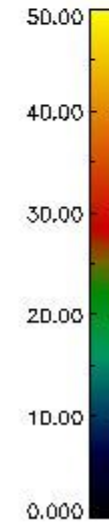
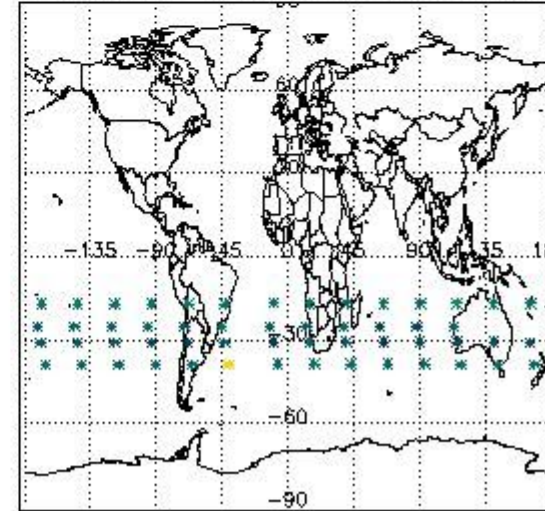
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

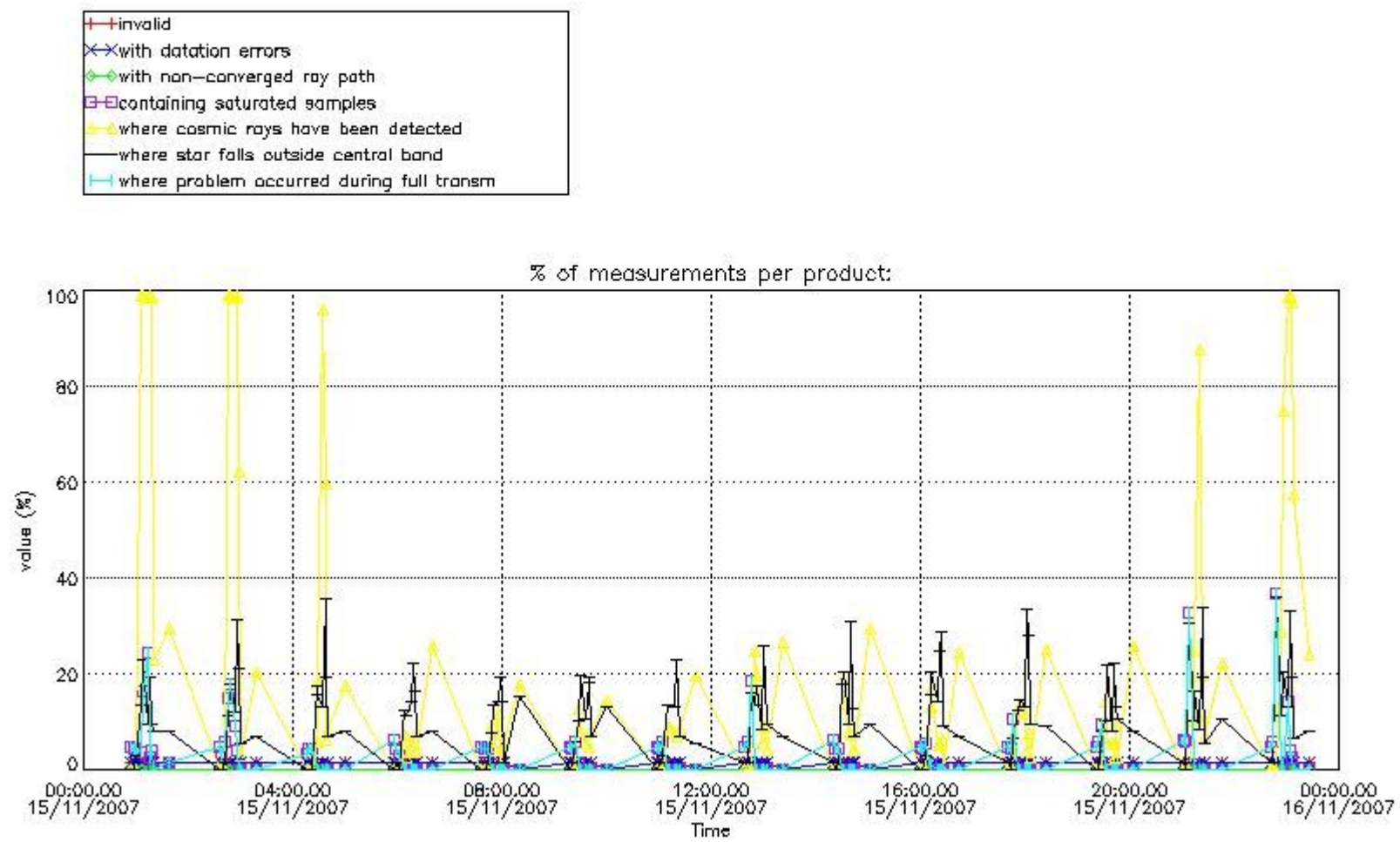


#### 4. Level 1 quality information per product

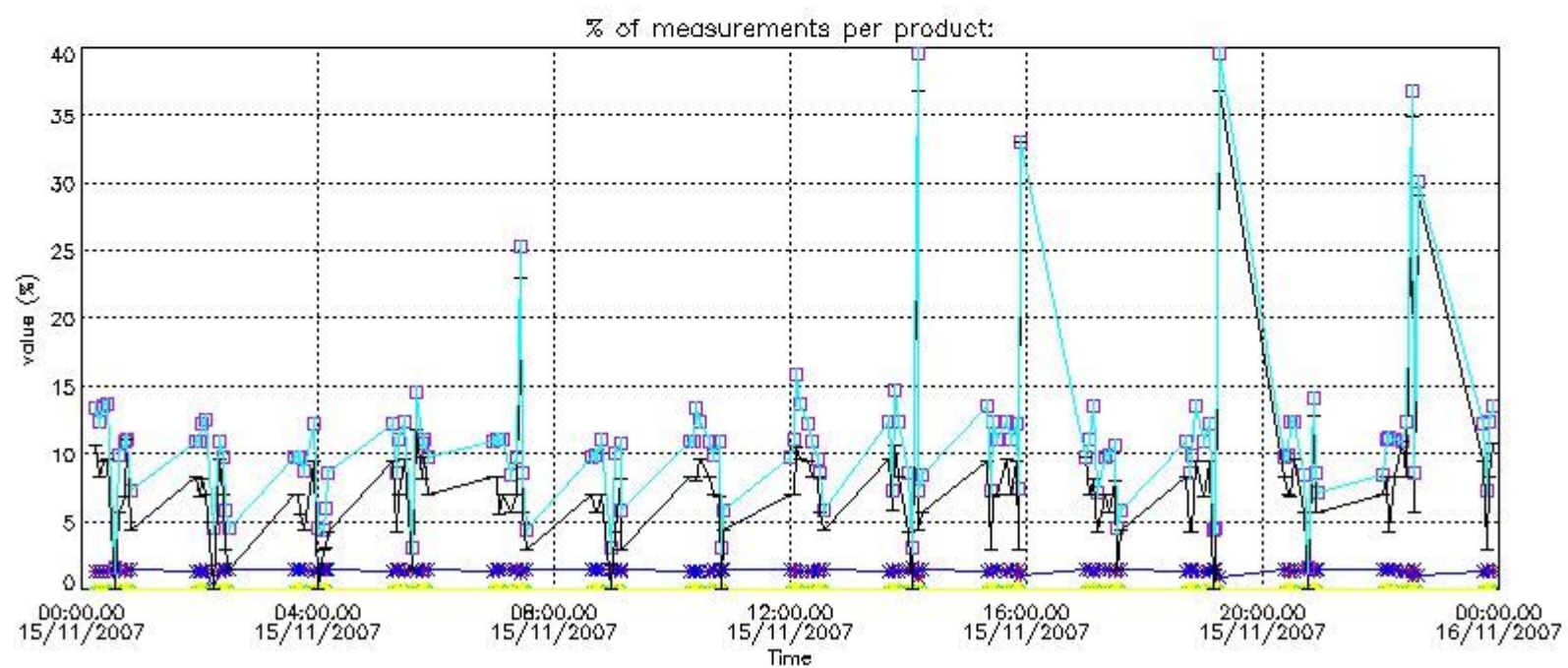
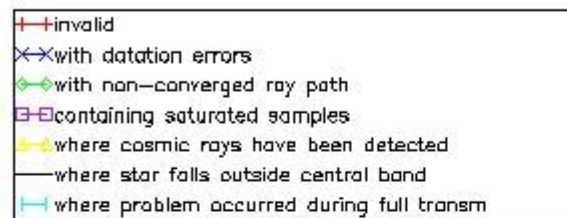
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

##### 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



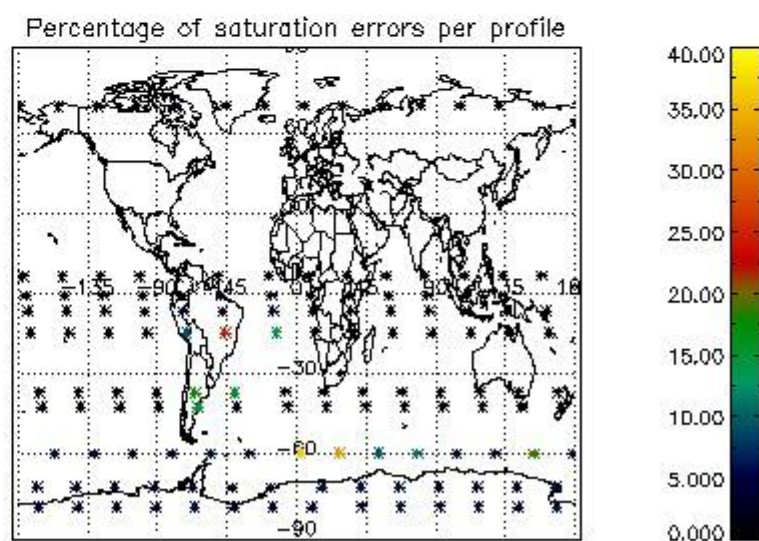
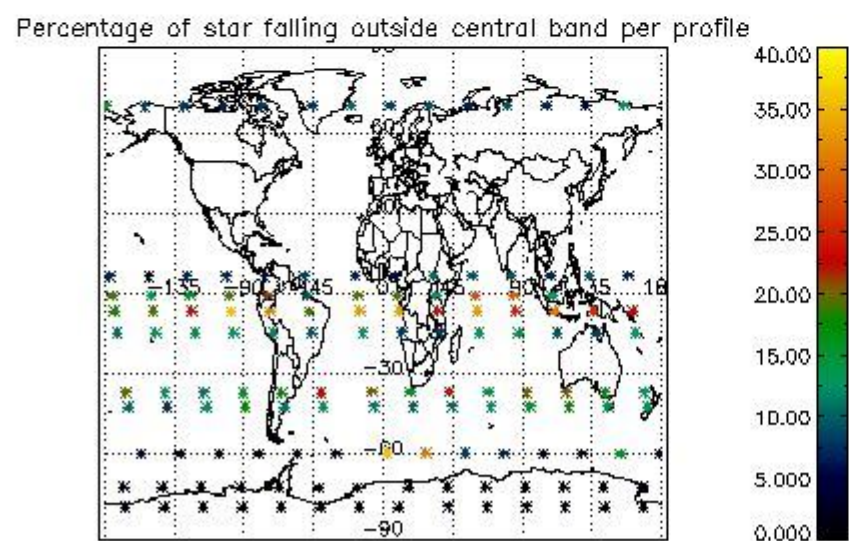
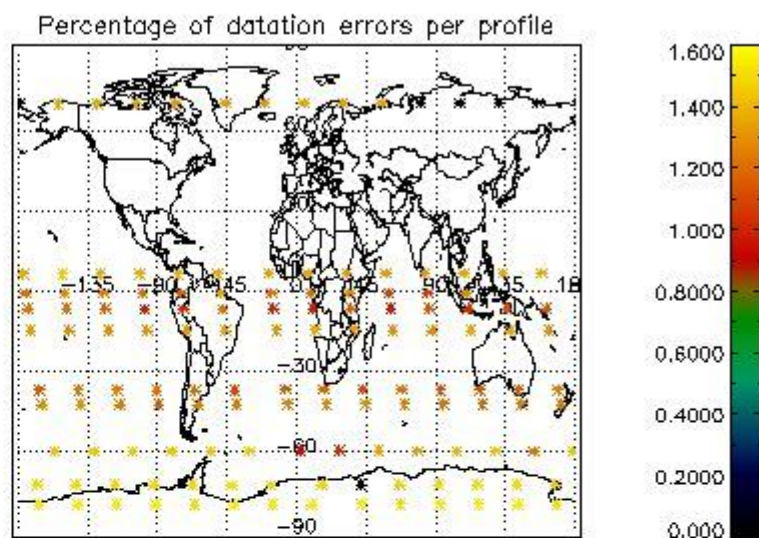
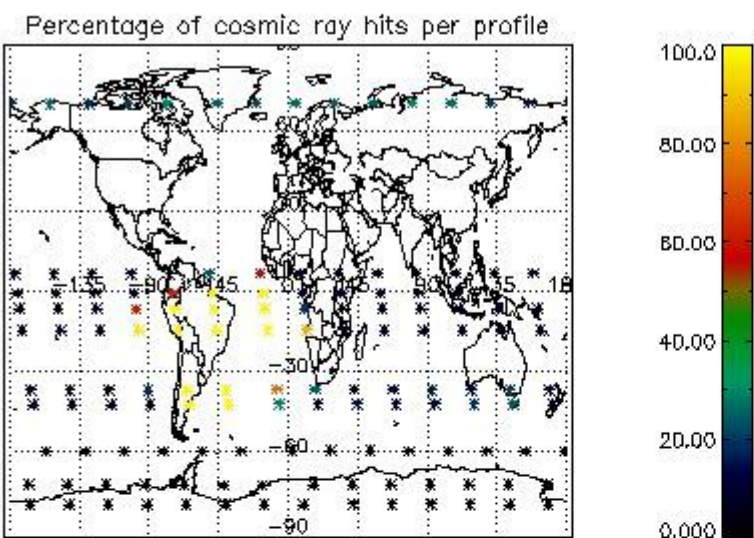
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



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

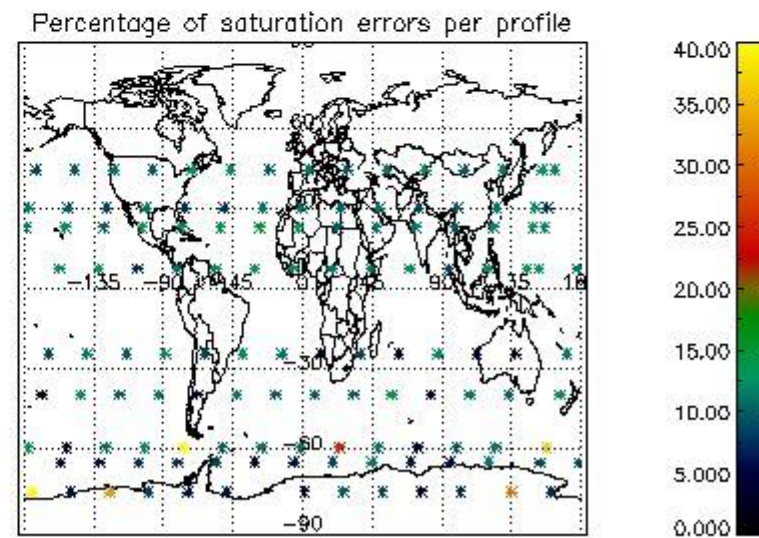
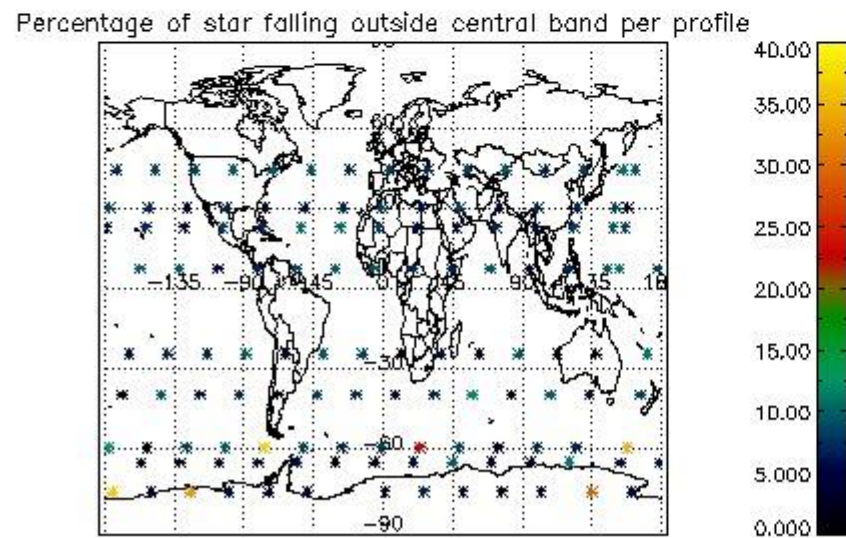
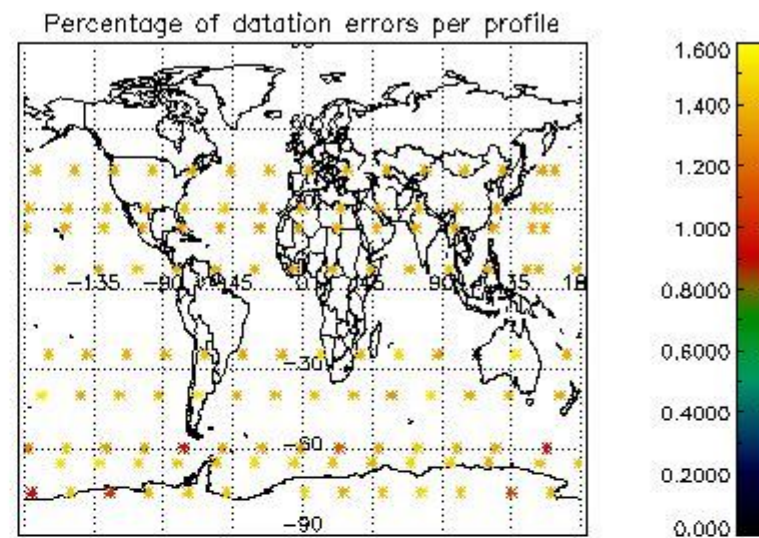
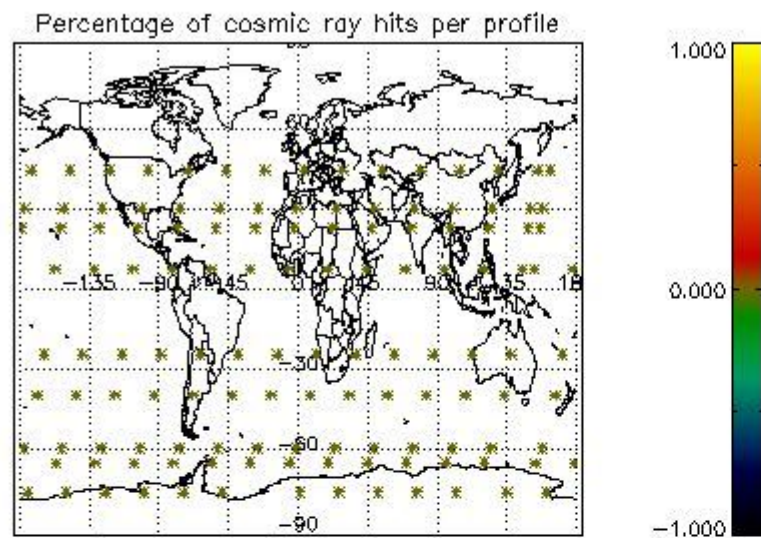
*4.2.1 Plot level 1 quality information per product (world map): ENVISAT ASCENDING passes*





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

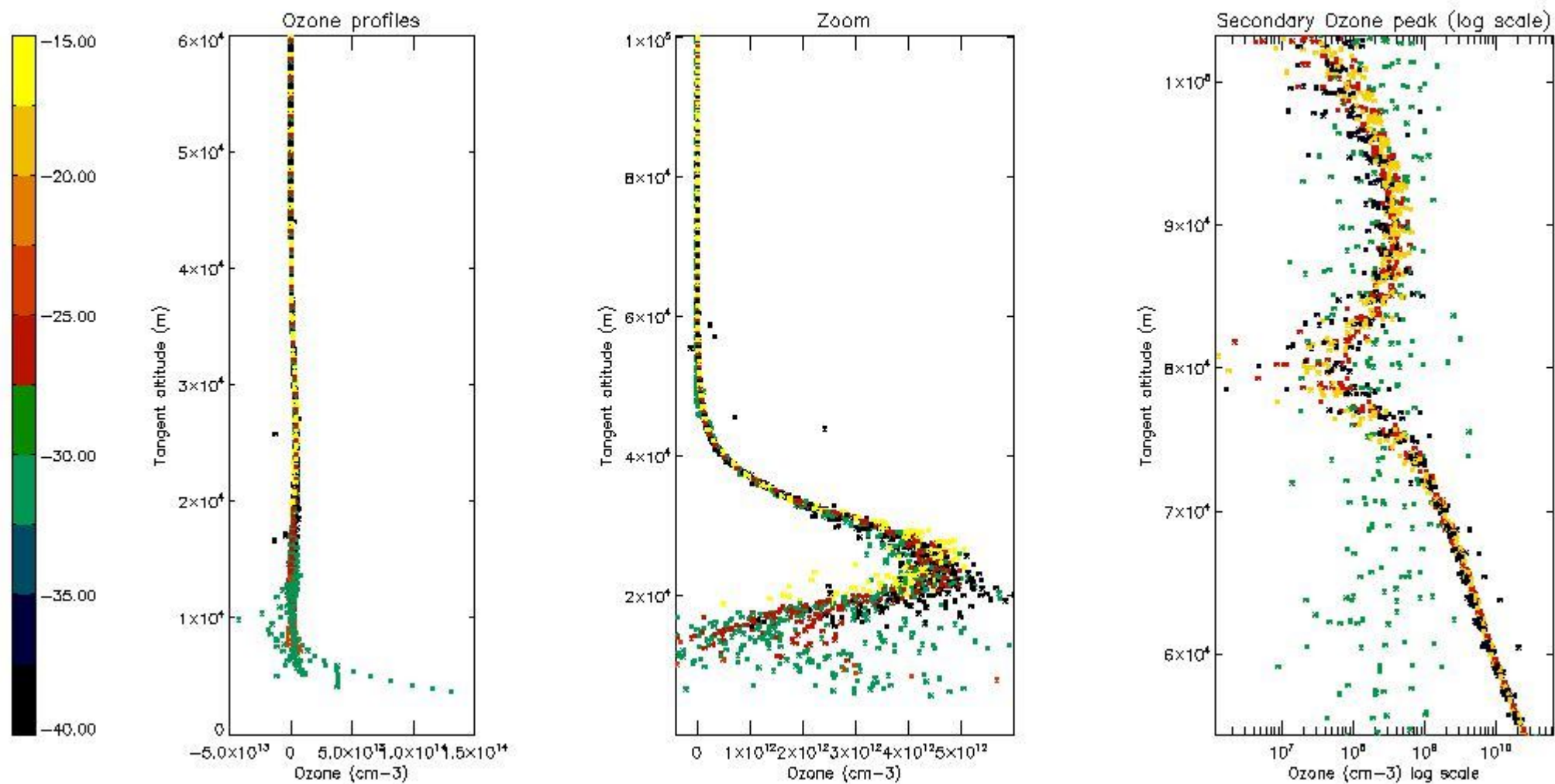
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

Criteria	% of total production
All STD	22
STD < 20	12

STD < 10	10
STD < 5	7

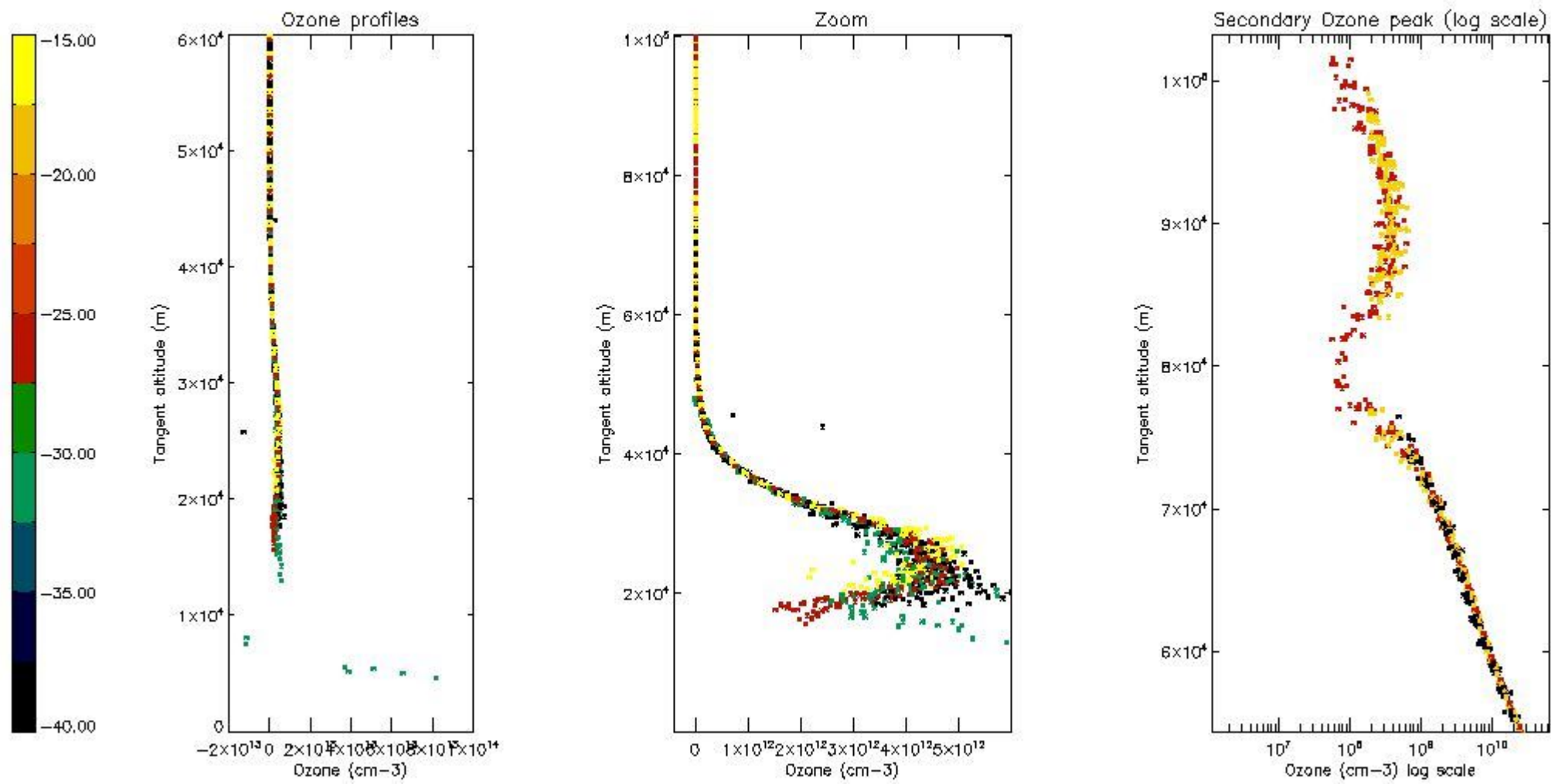
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

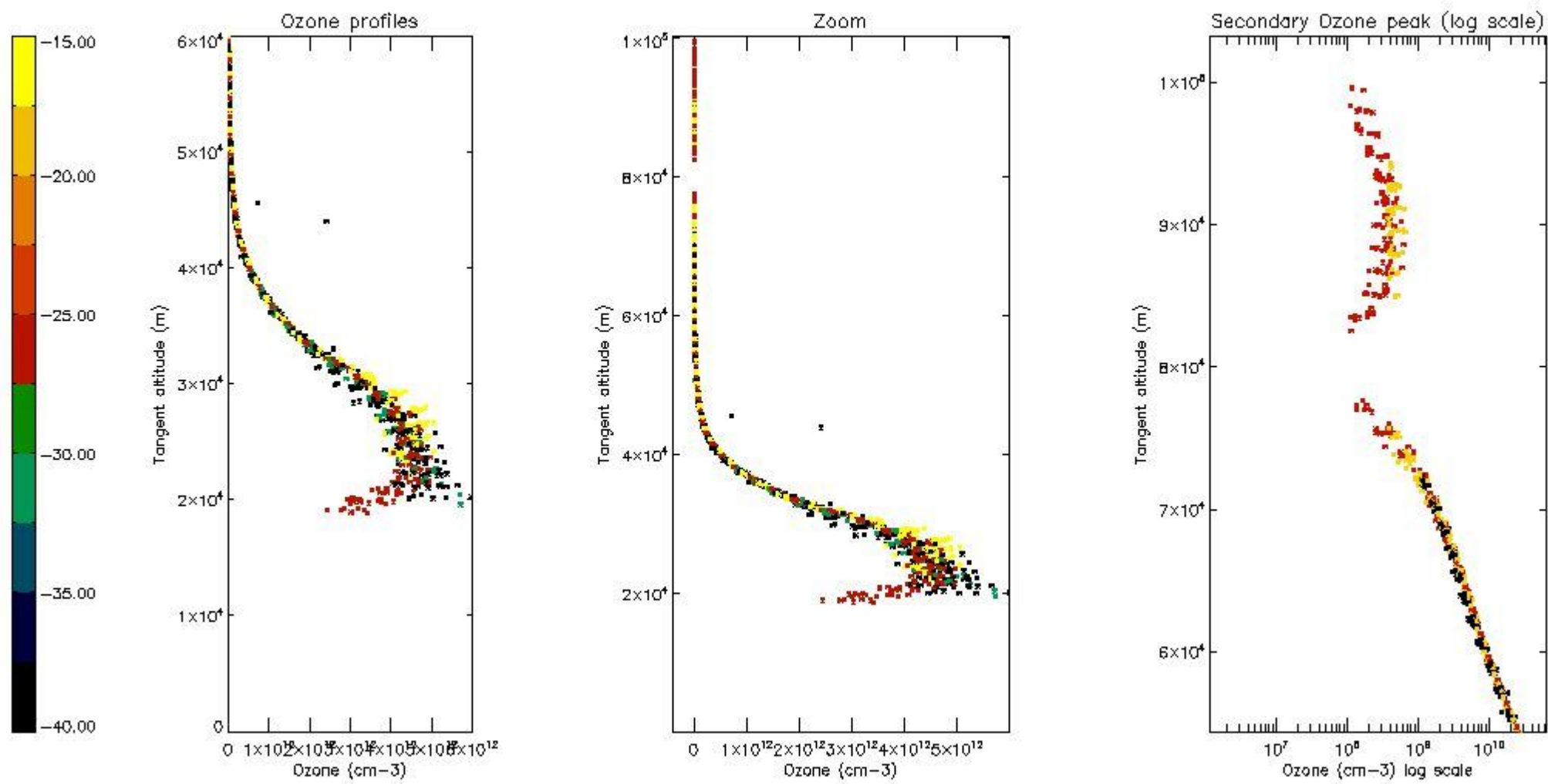
The colorbar represents the latitude.



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

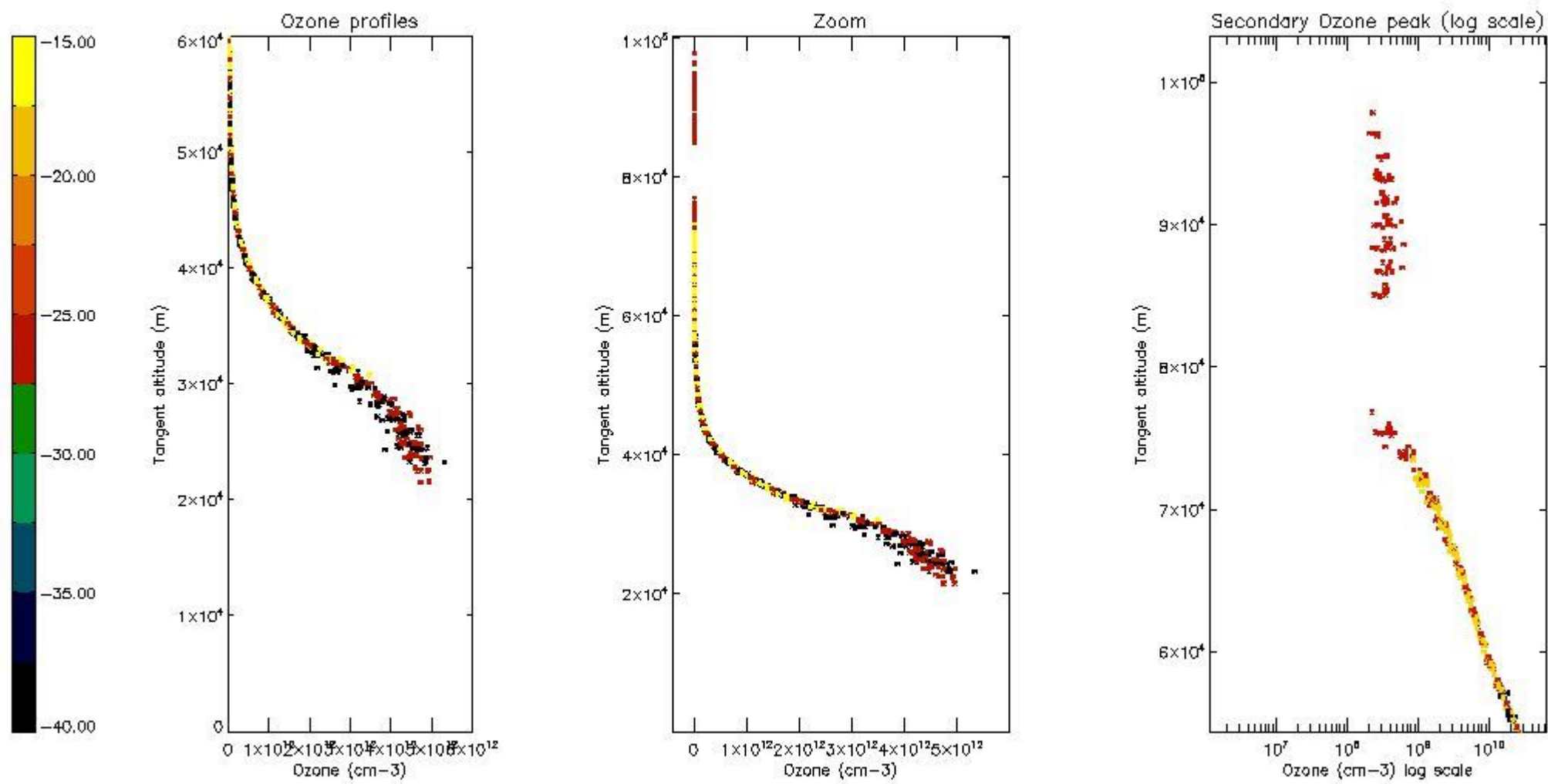
The colorbar represents the latitude.





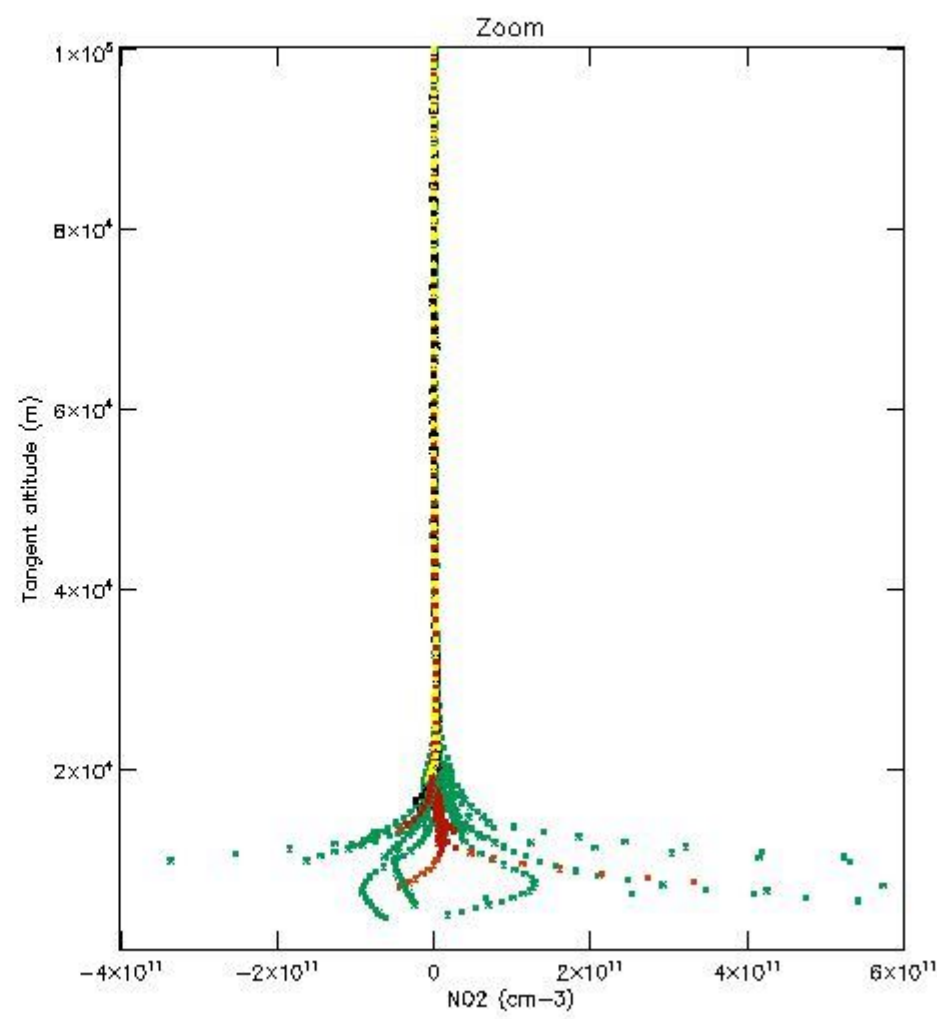
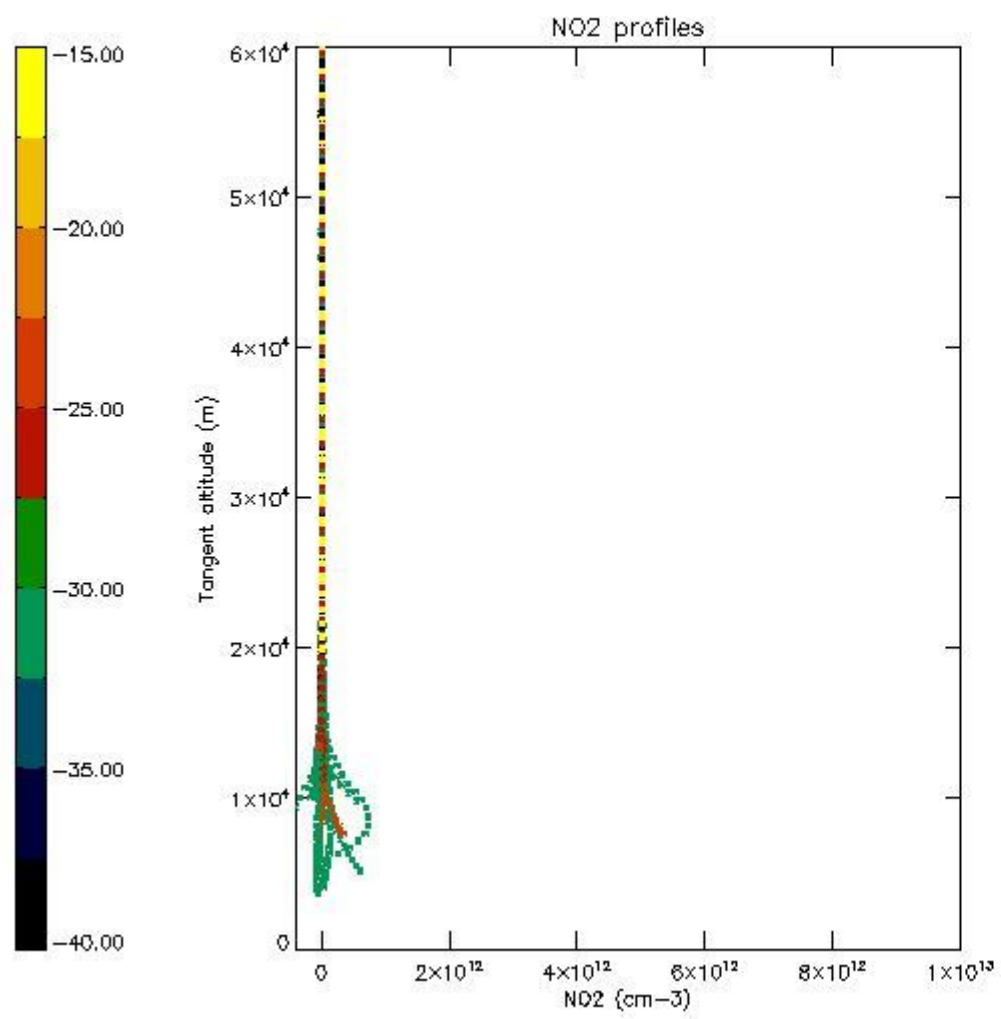
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



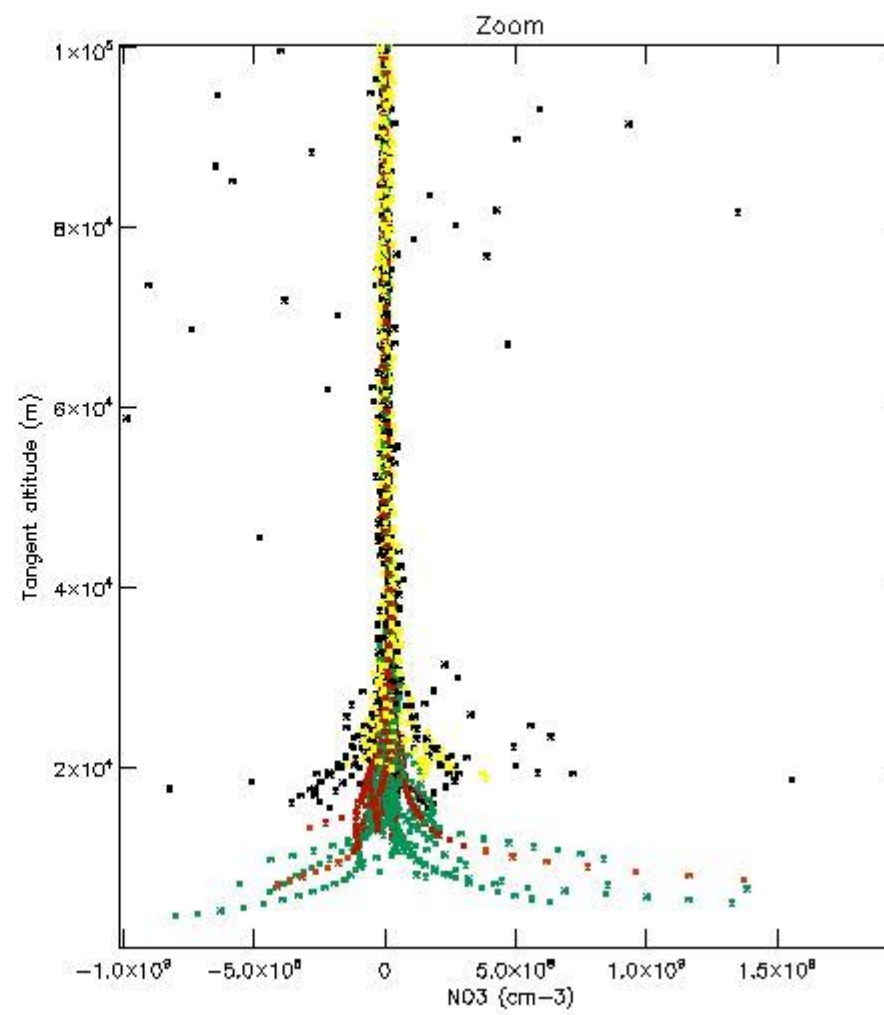
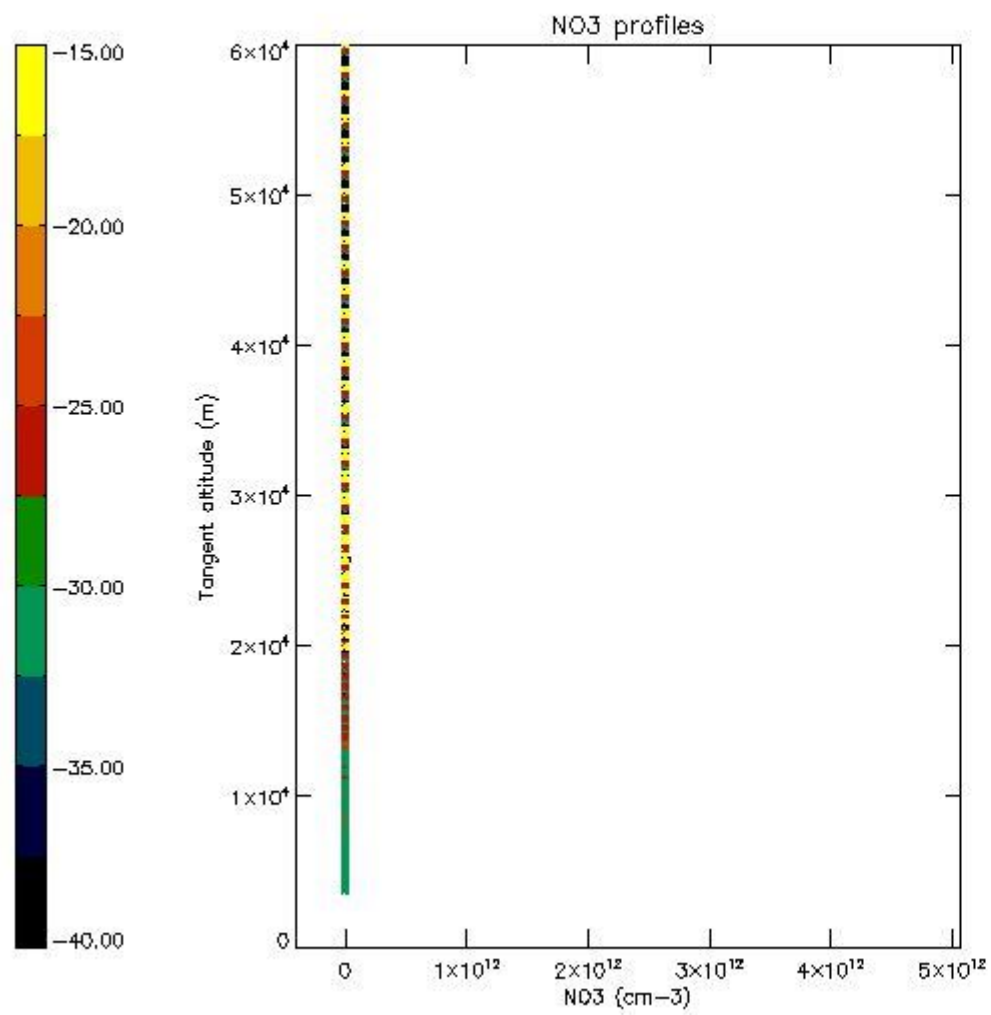
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

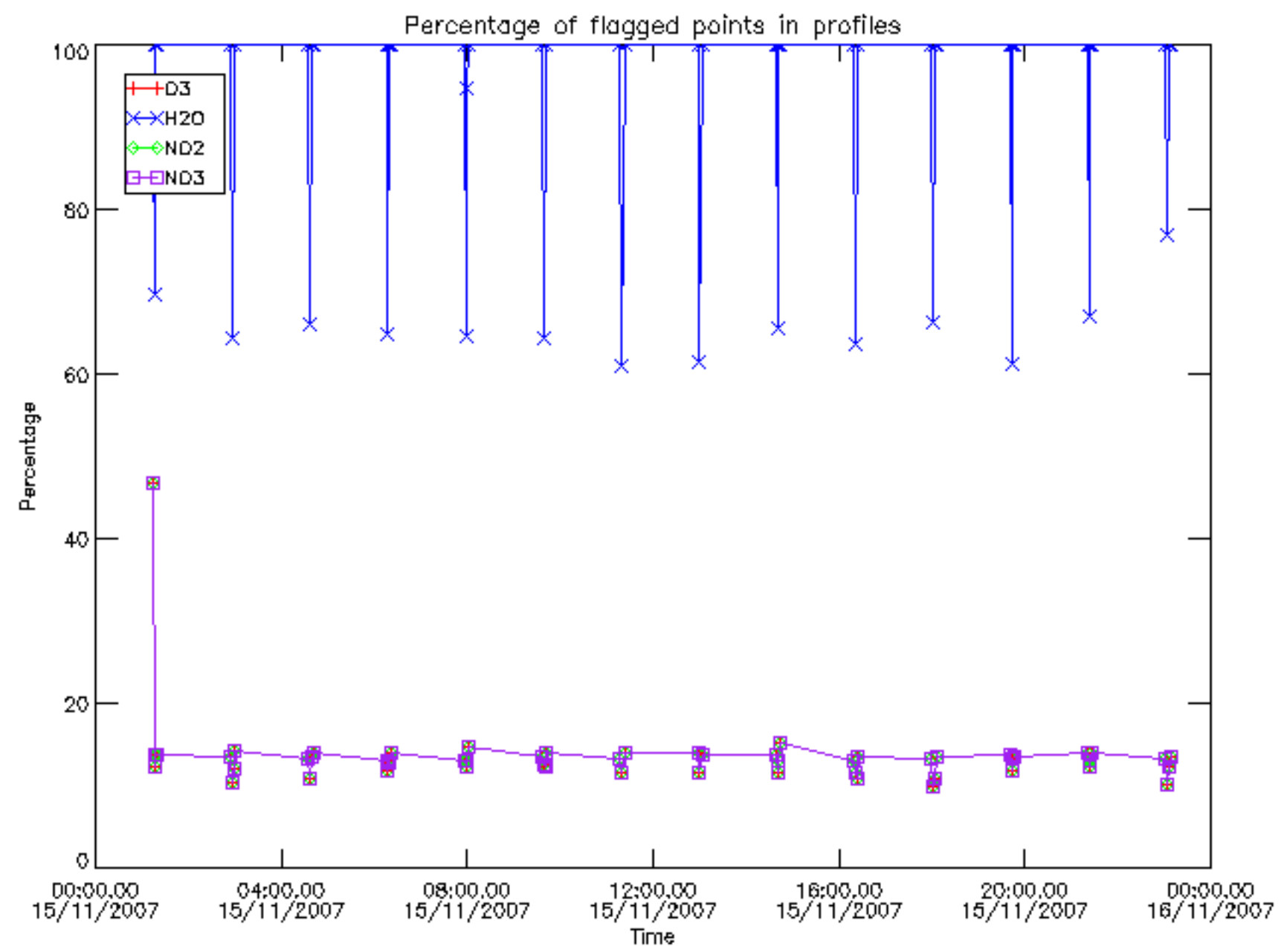


## 6. Auxiliary Data Files used for the production reported in section 2

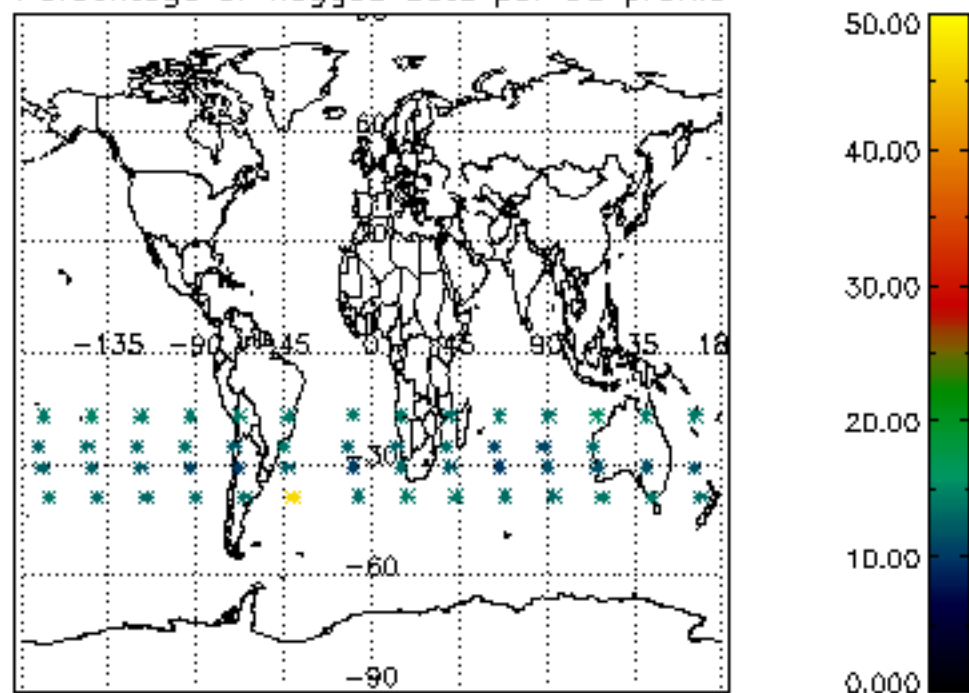
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

Type	Auxiliary Filename	Used since product	Used since product date
INST_PHYS_CHARACTERISTICS	GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000	1	15-NOV-2007 00:14:58
LEVEL-2_PROC_CONFIG	GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000	1	15-NOV-2007 00:14:58
CROSS_SECTIONS_FILE	GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000	1	15-NOV-2007 00:14:58

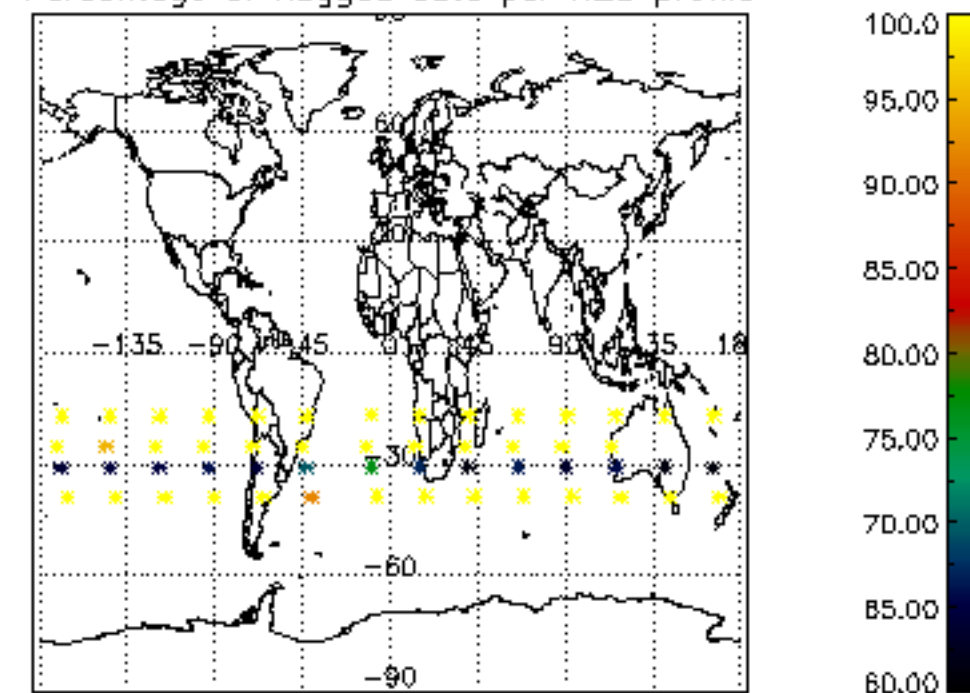




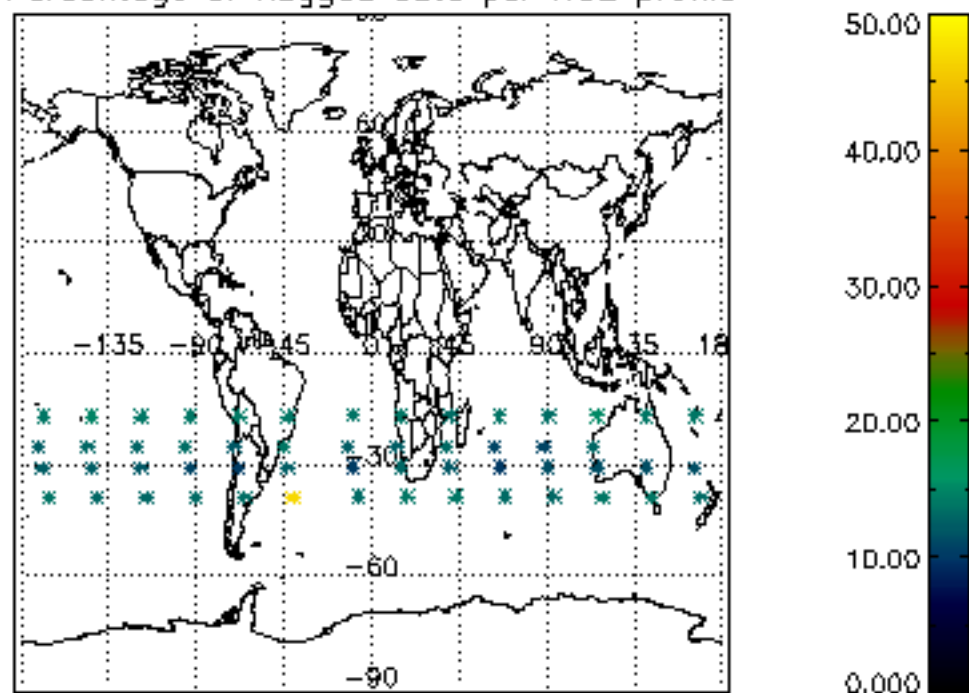
Percentage of flagged data per D3 profile



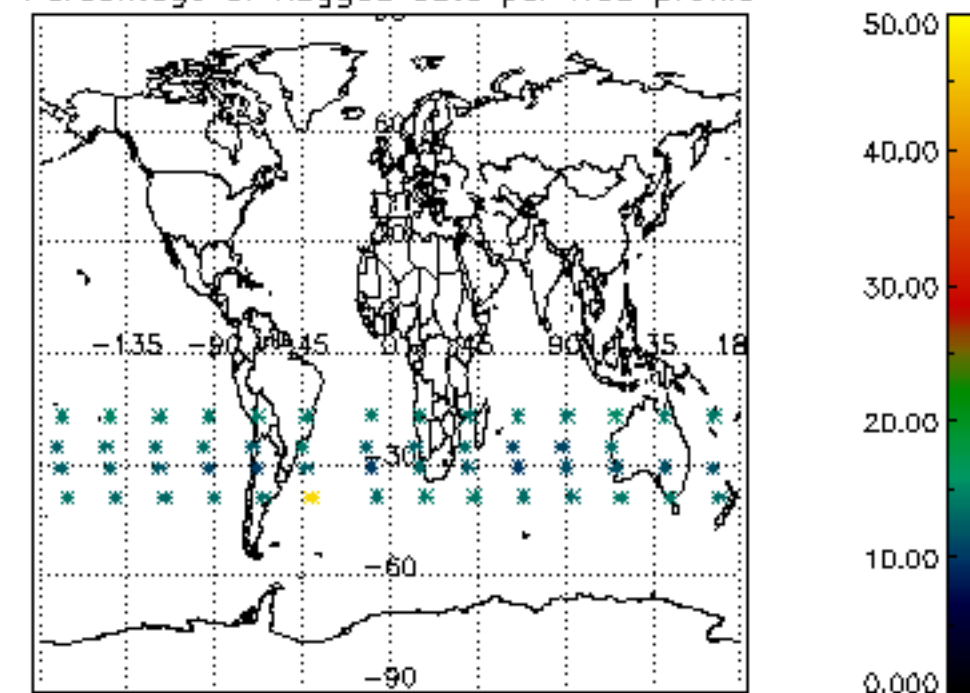
Percentage of flagged data per H2O profile

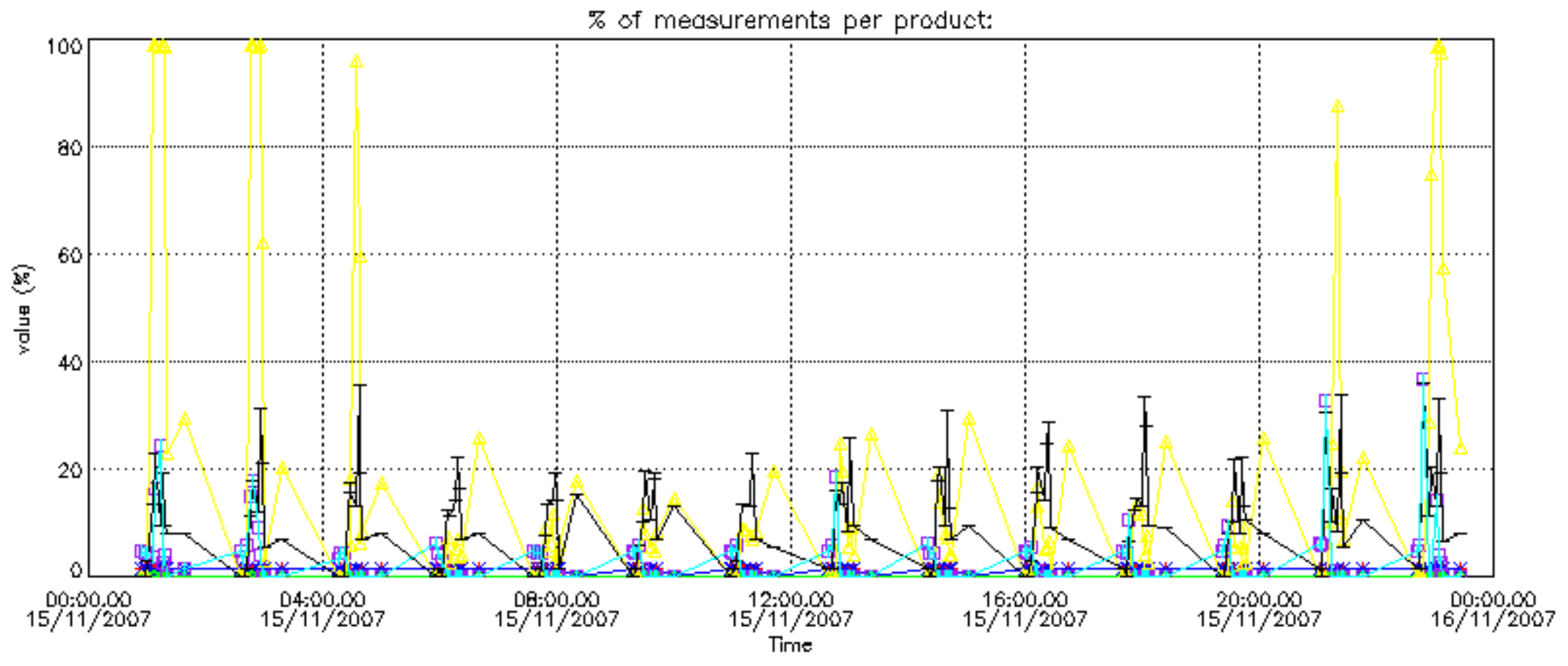


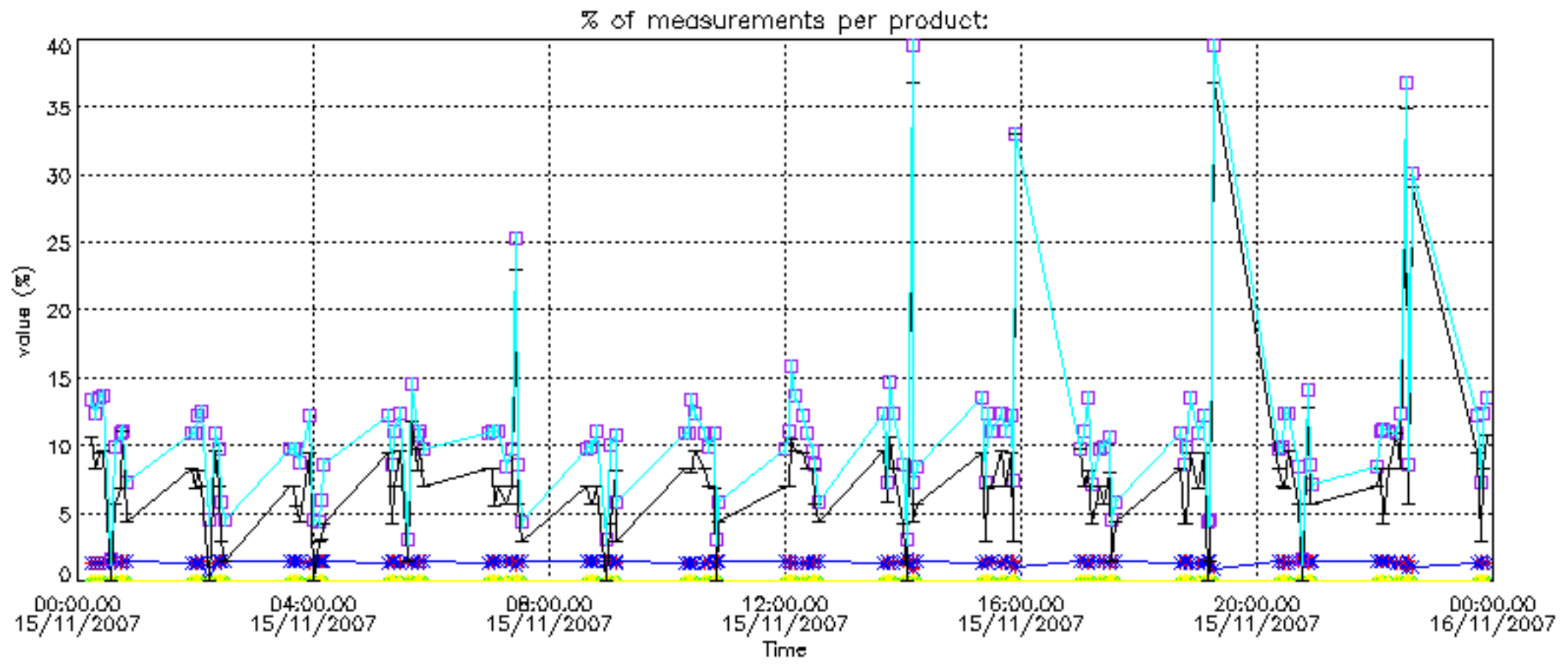
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

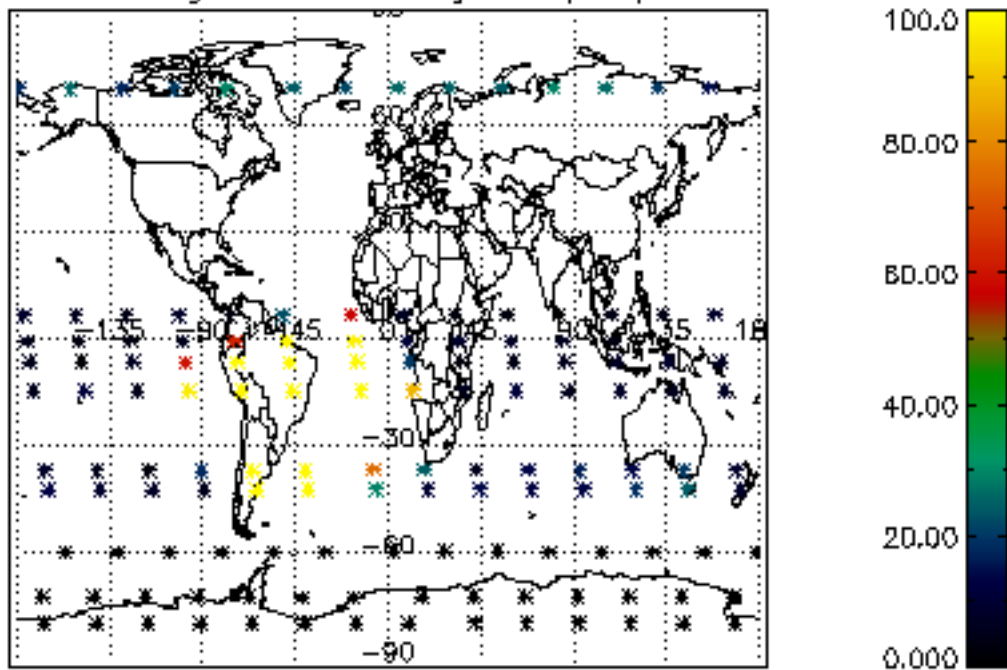




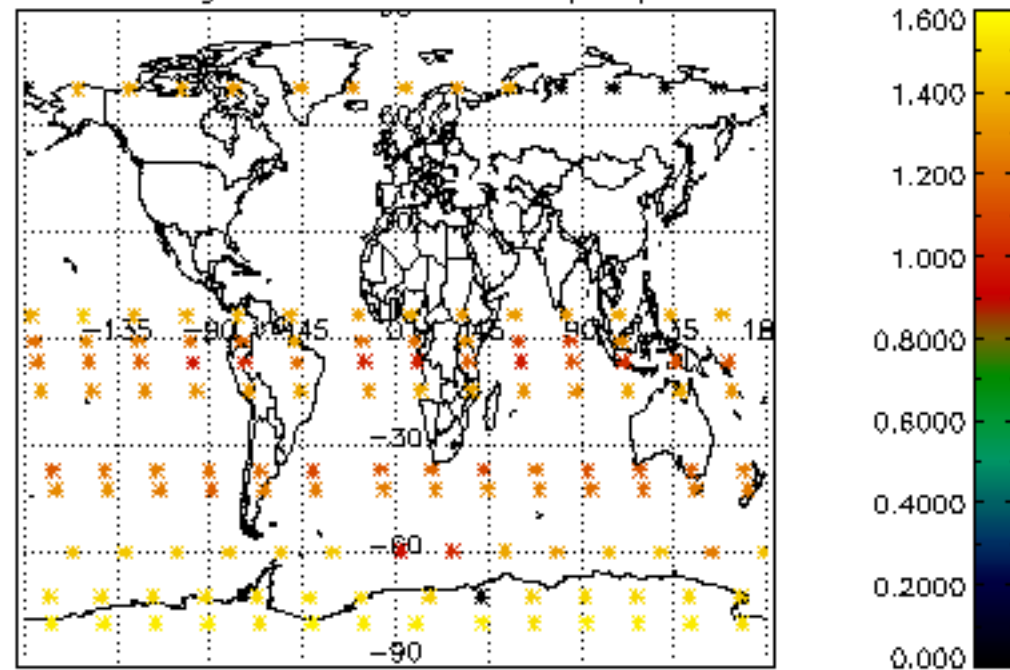




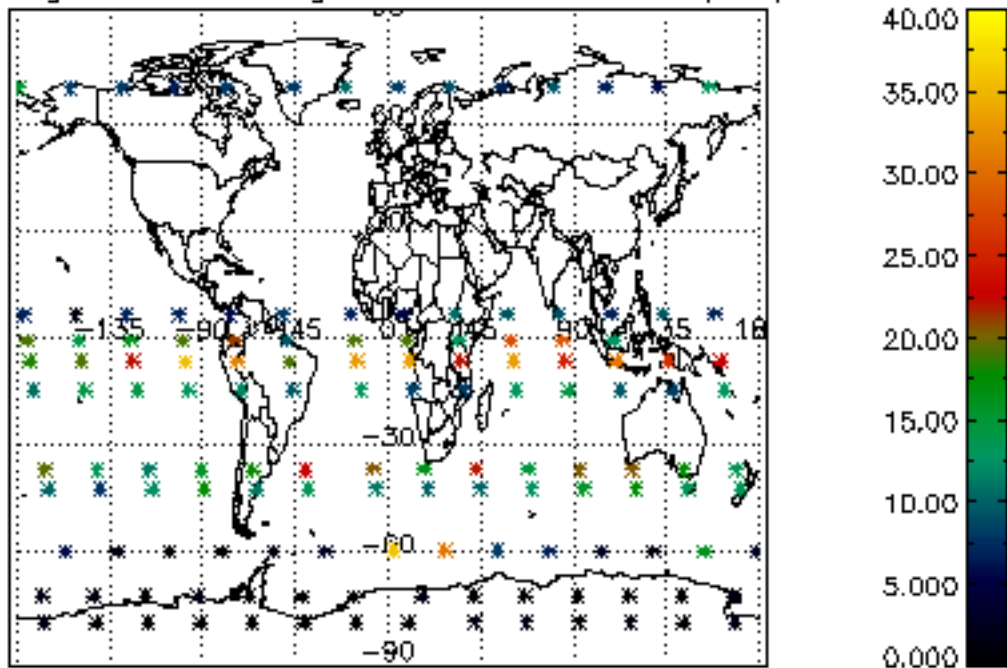
Percentage of cosmic ray hits per profile



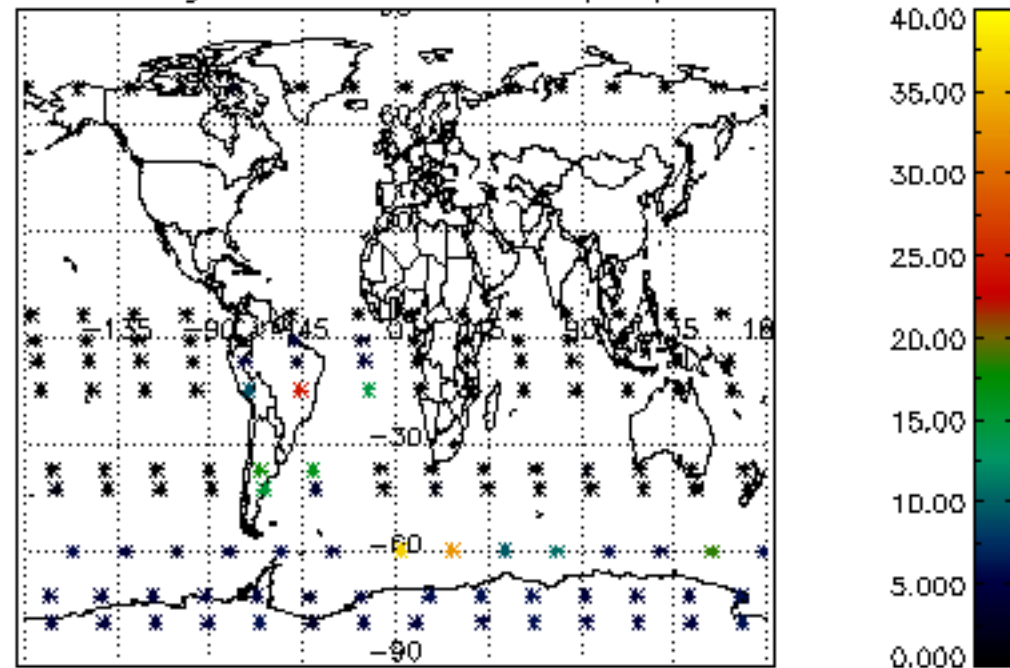
Percentage of datation errors per profile



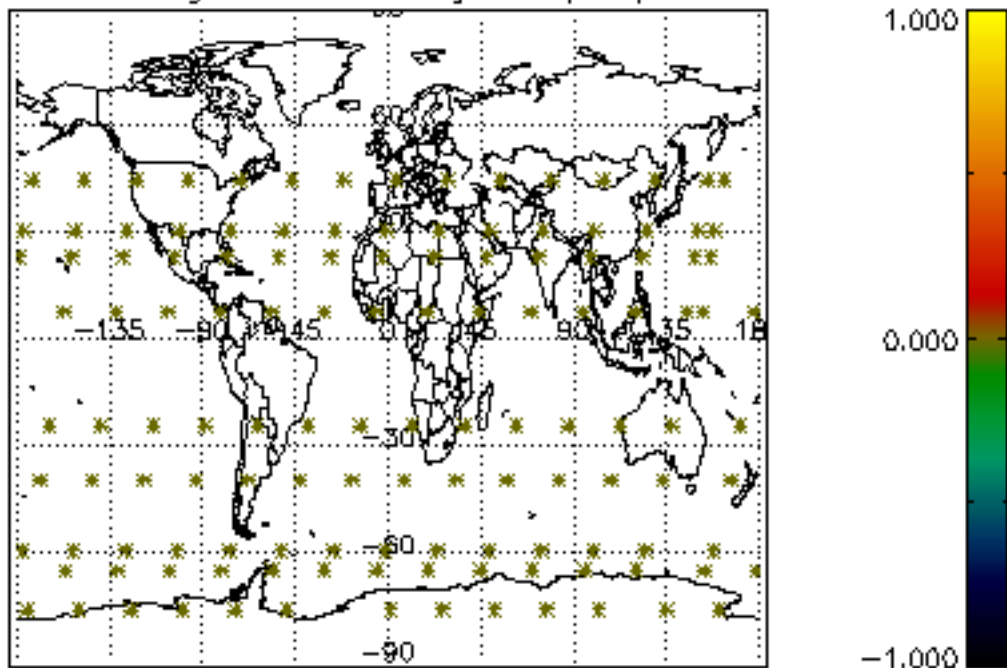
Percentage of star falling outside central band per profile



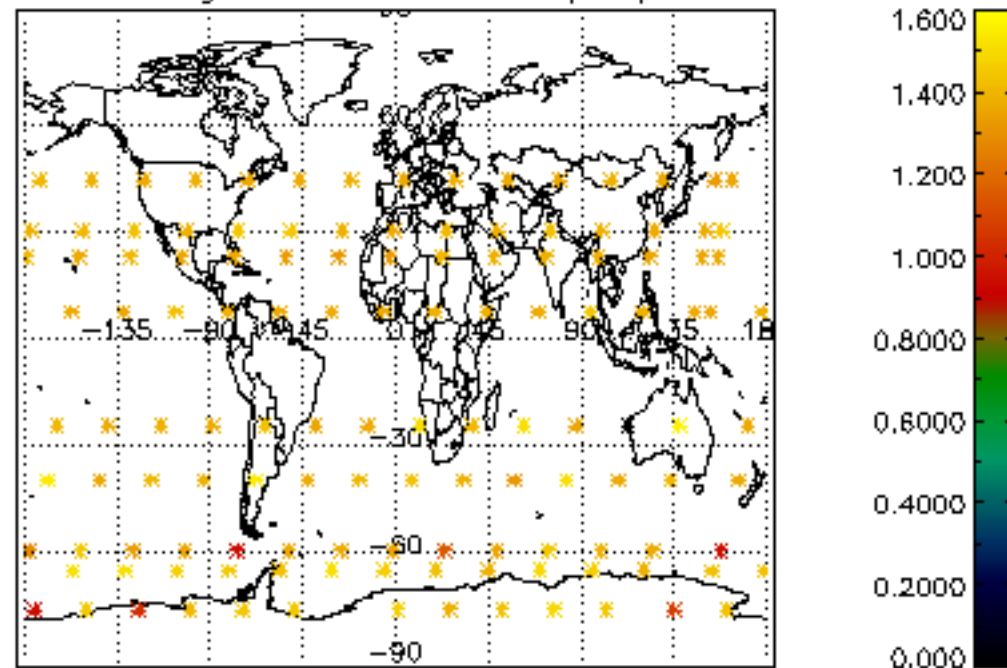
Percentage of saturation errors per profile



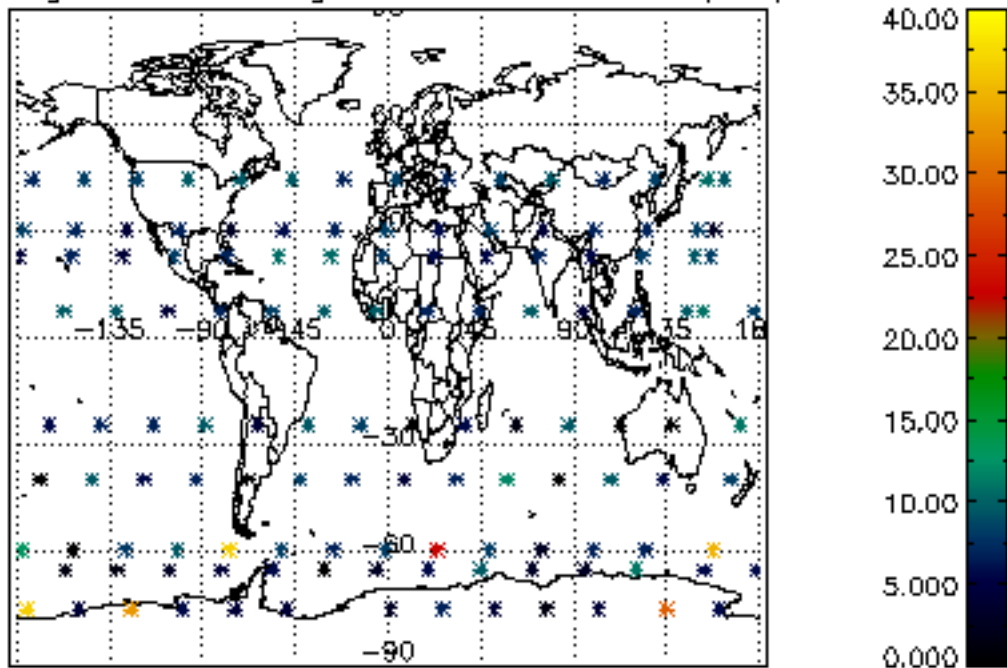
Percentage of cosmic ray hits per profile



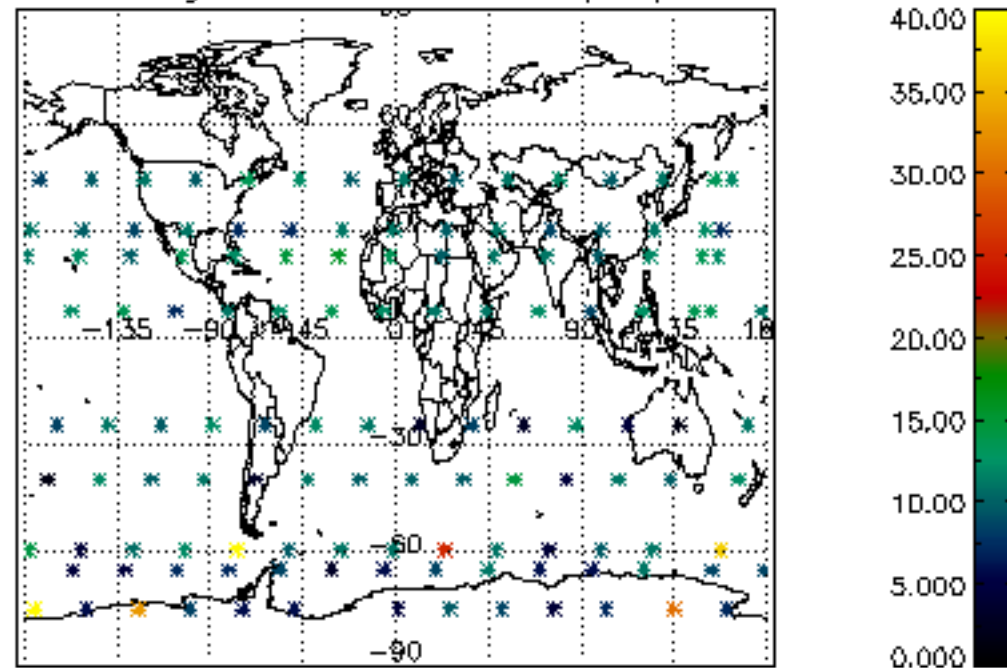
Percentage of datation errors per profile

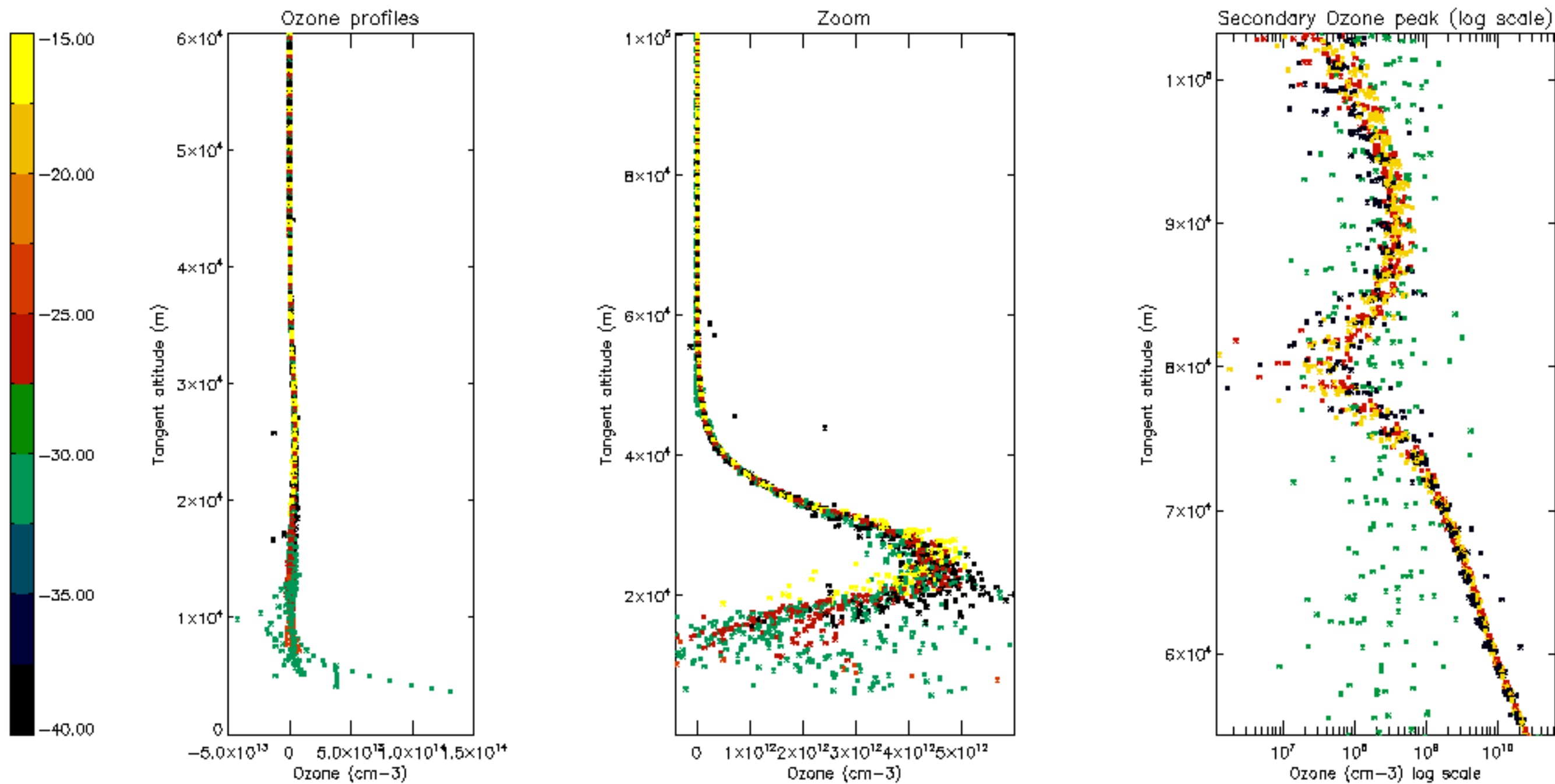


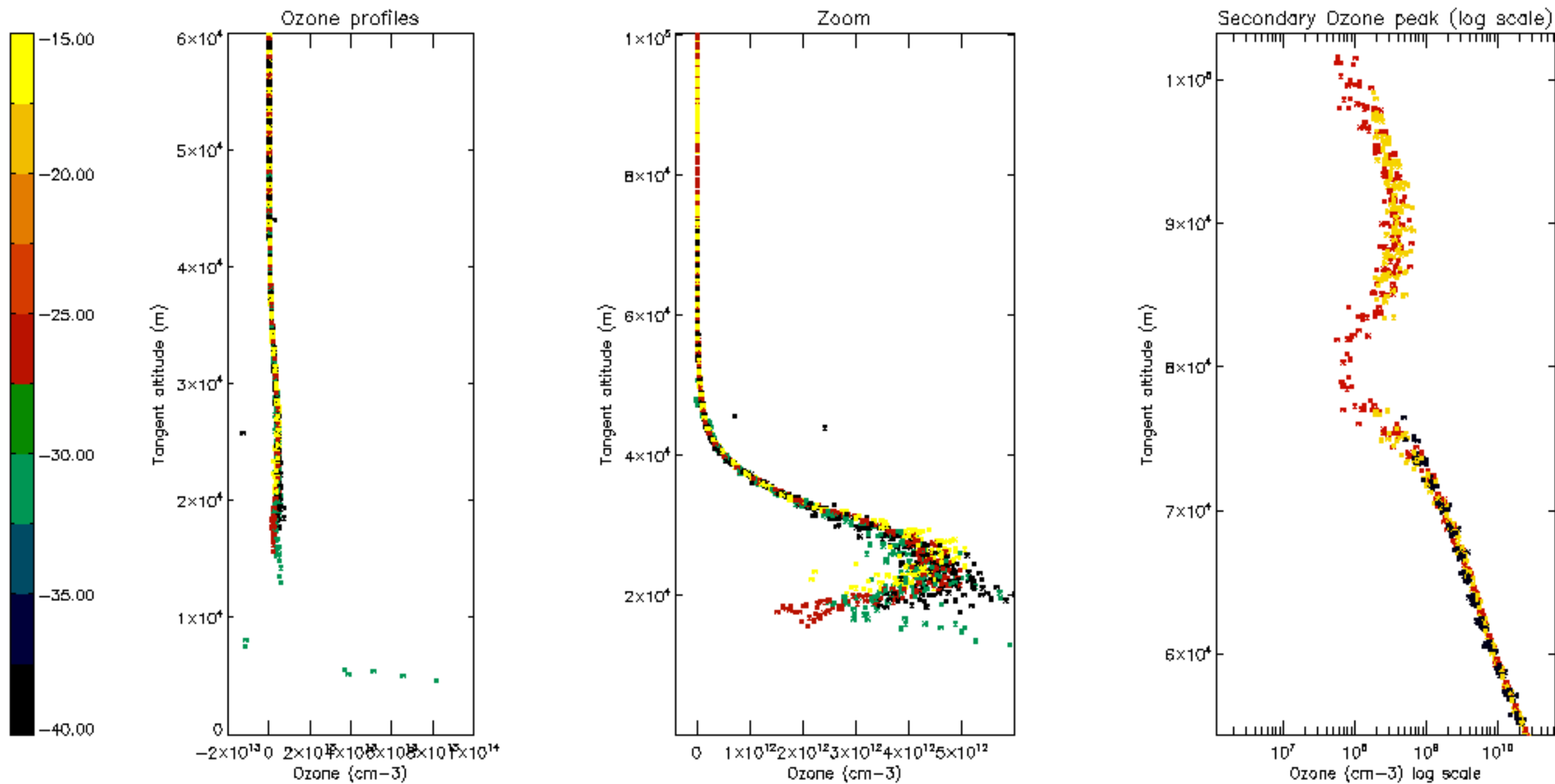
Percentage of star falling outside central band per profile



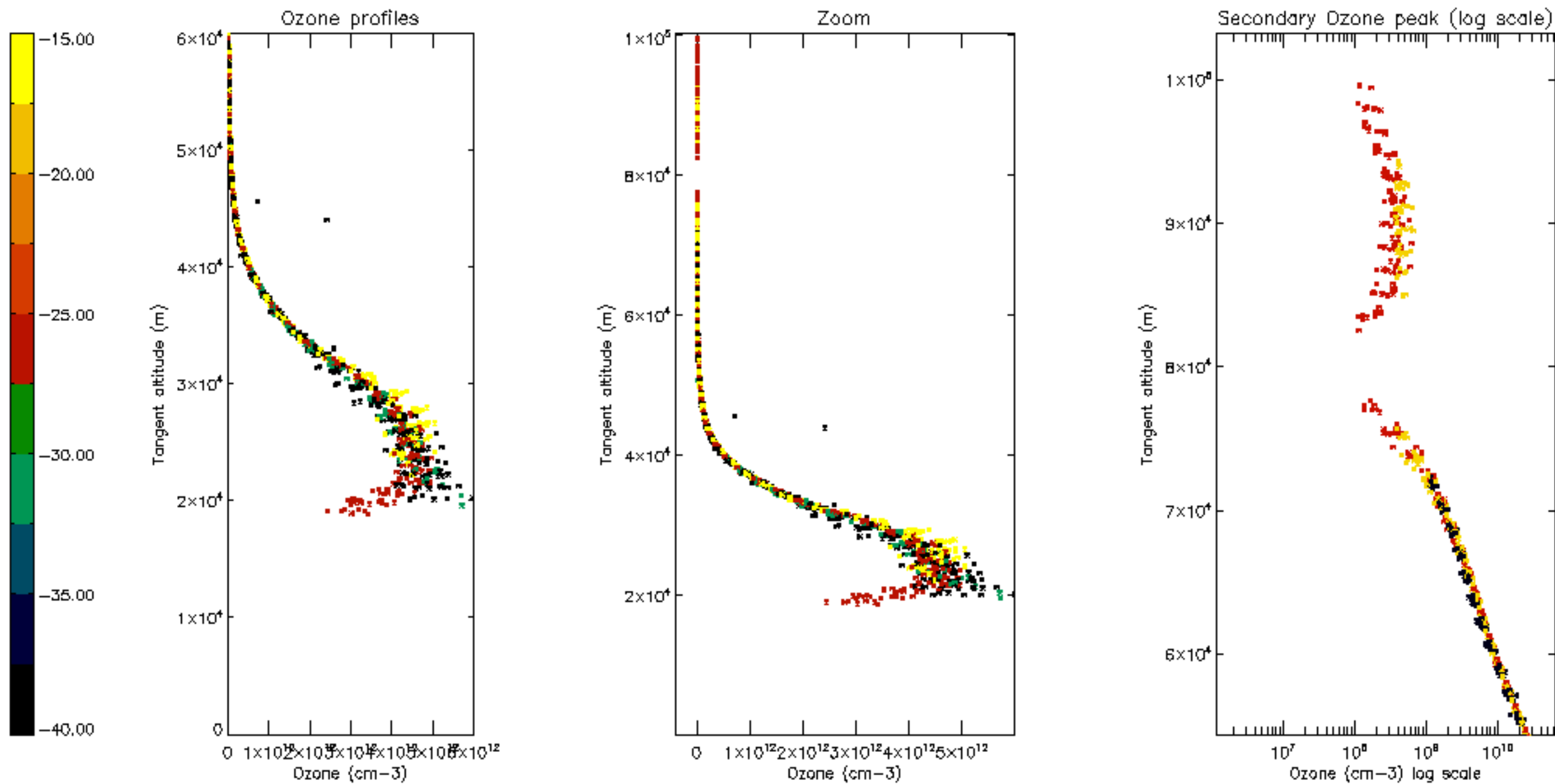
Percentage of saturation errors per profile

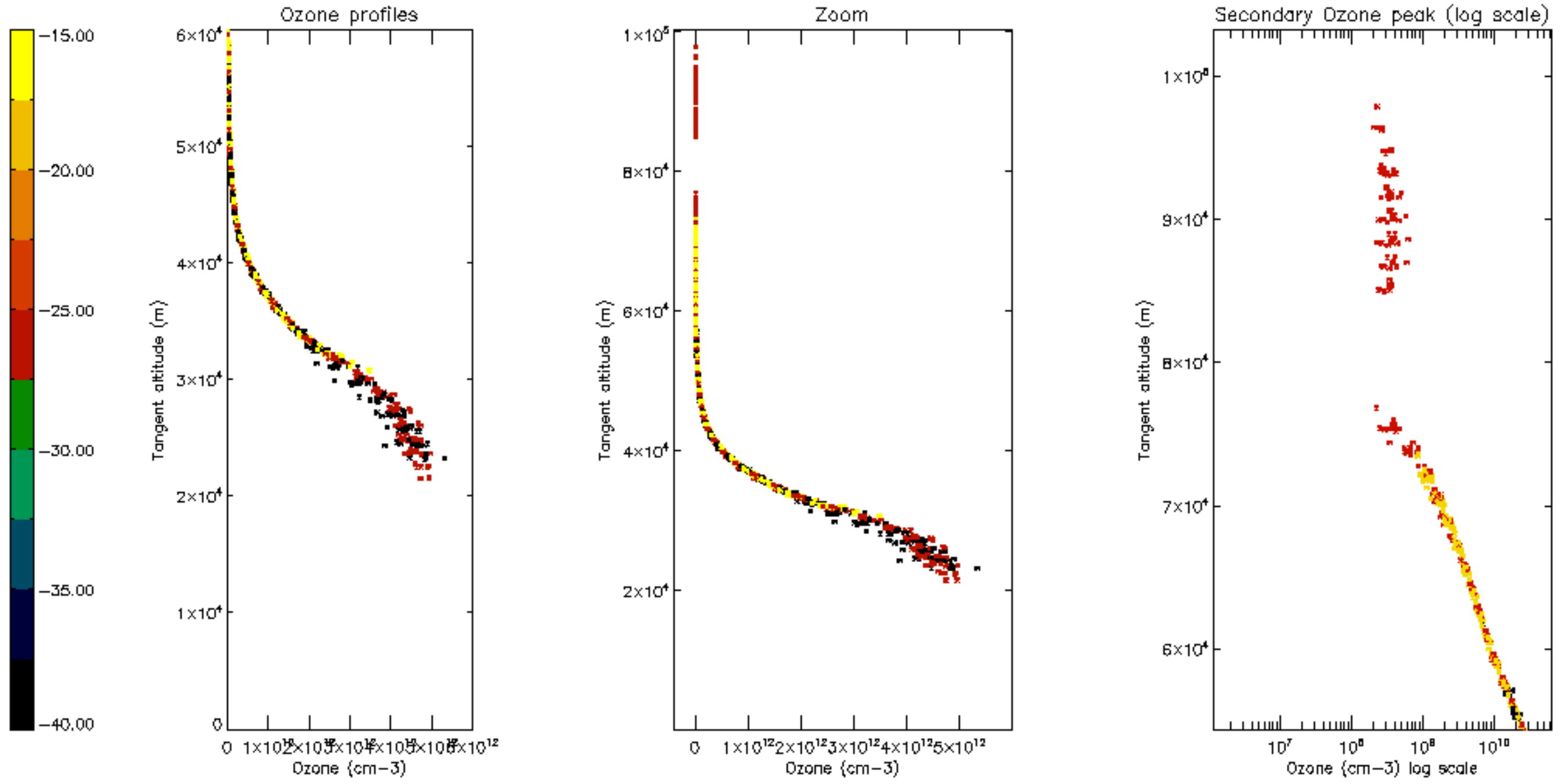


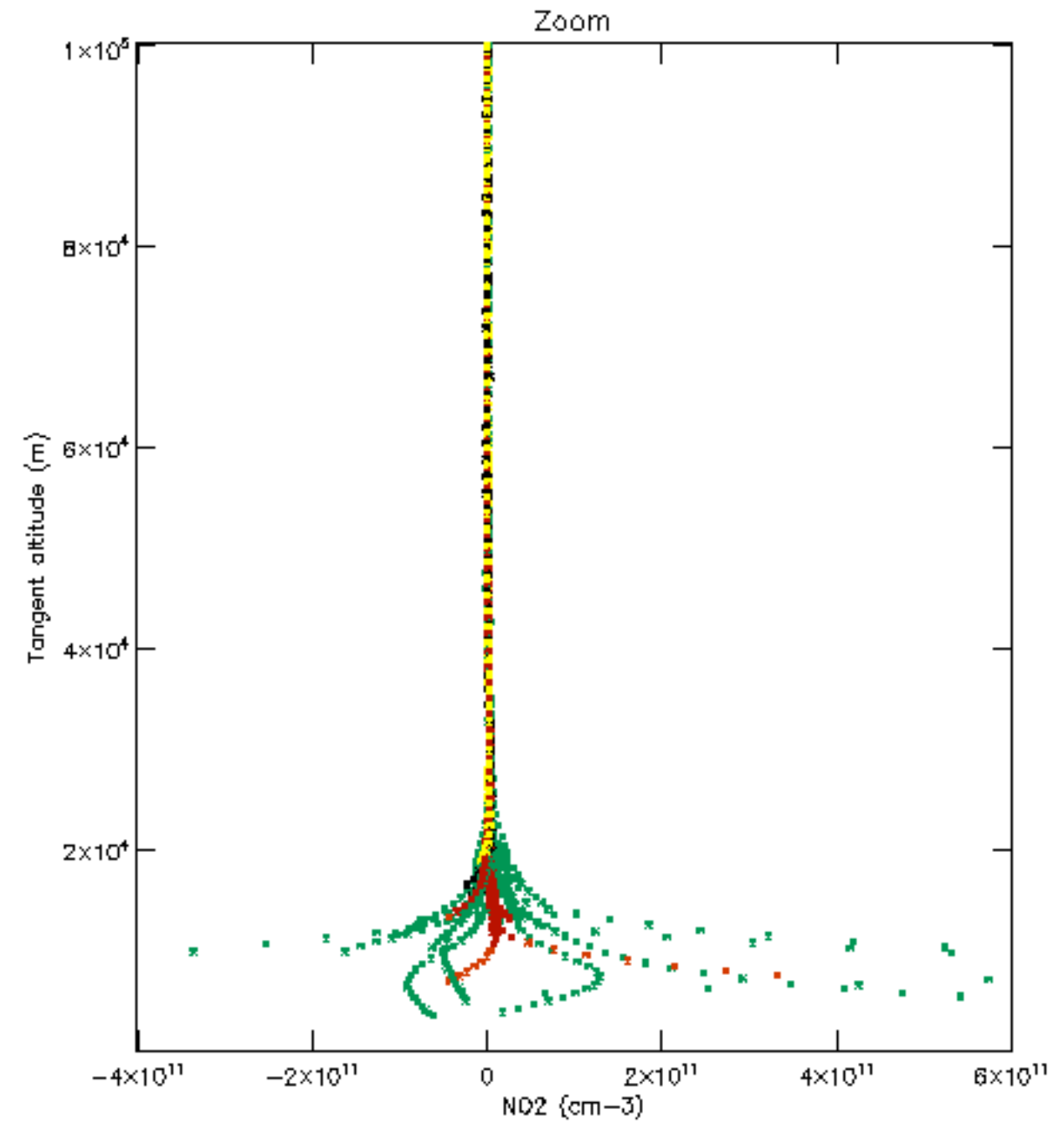
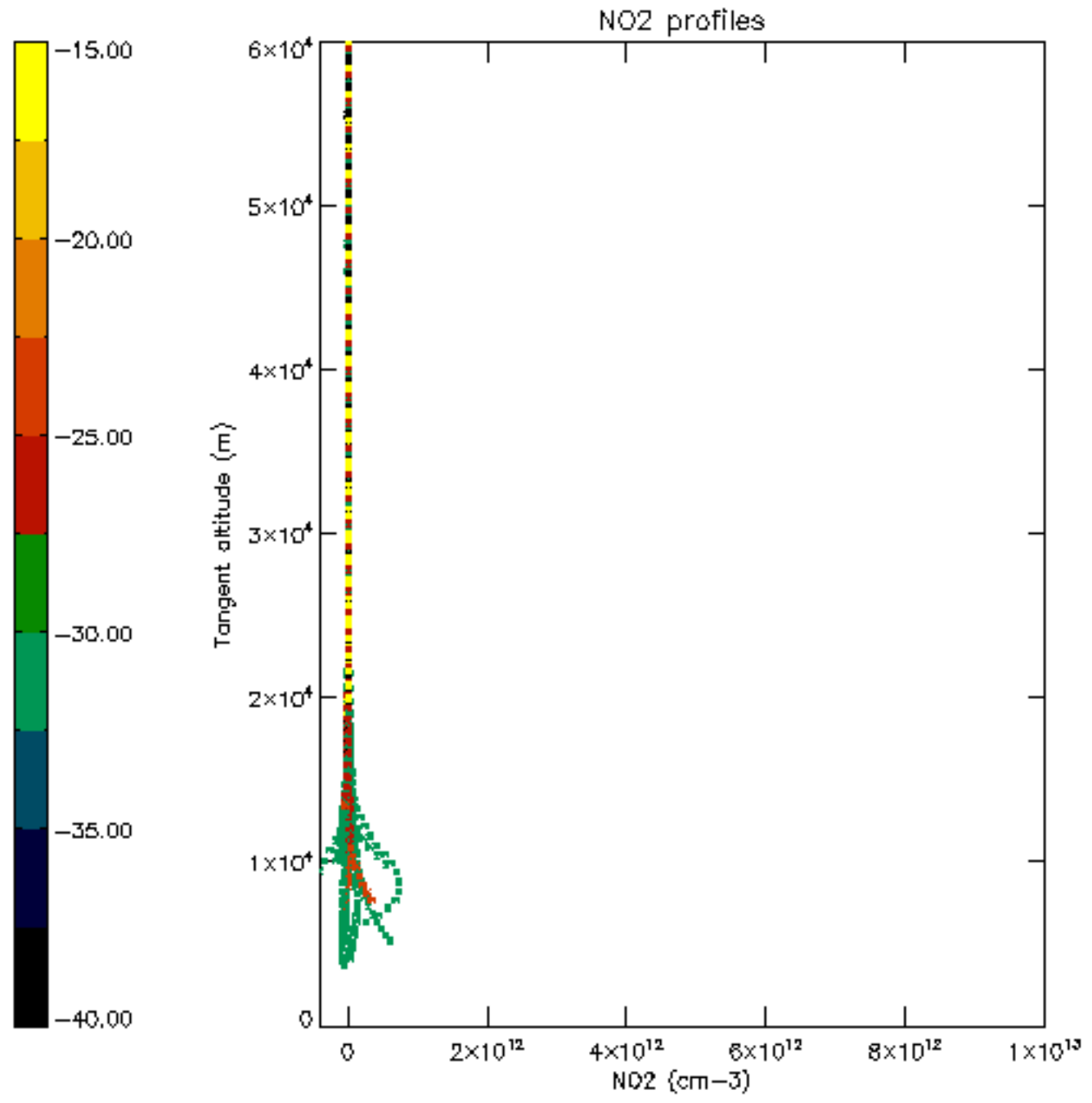


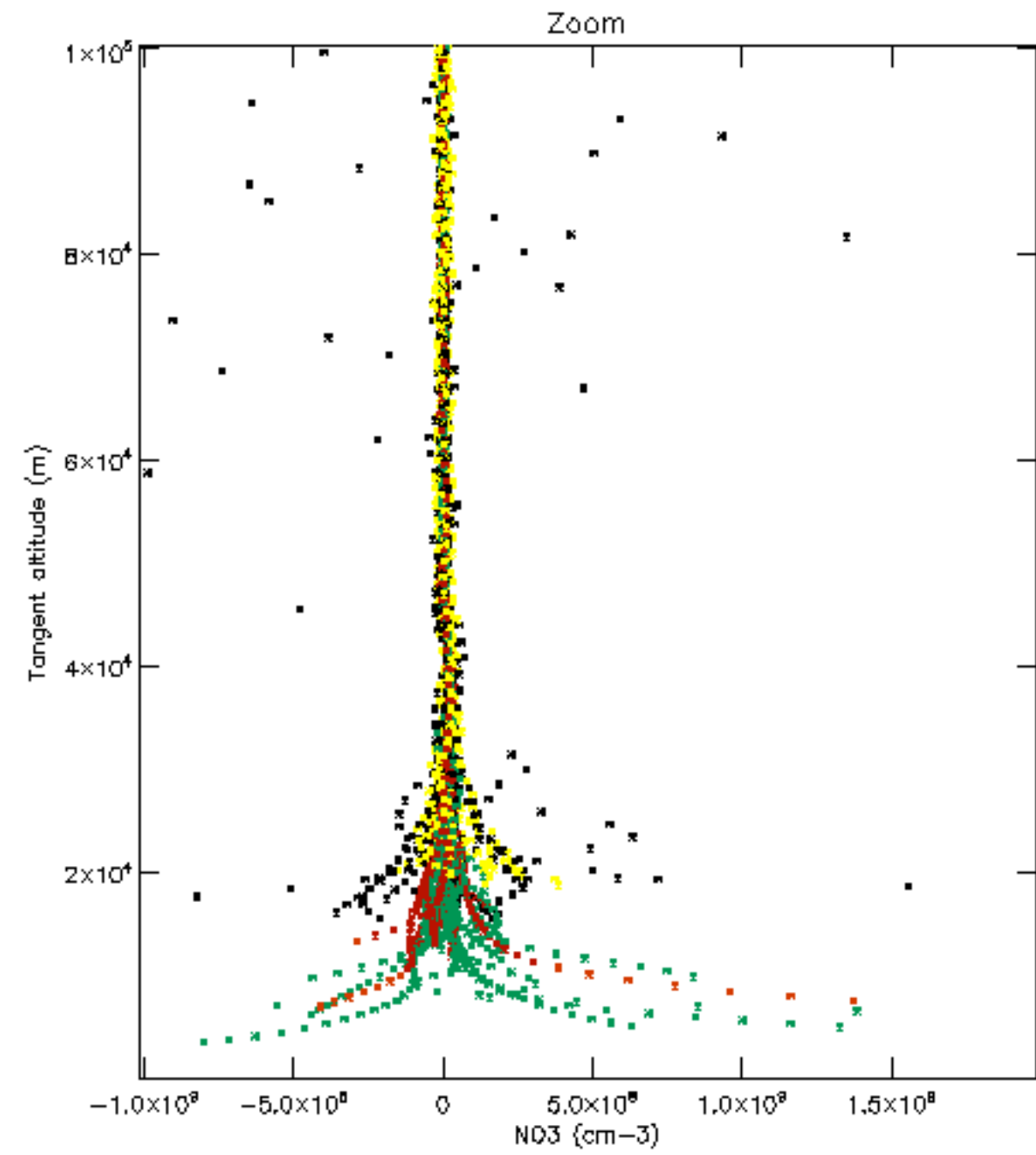
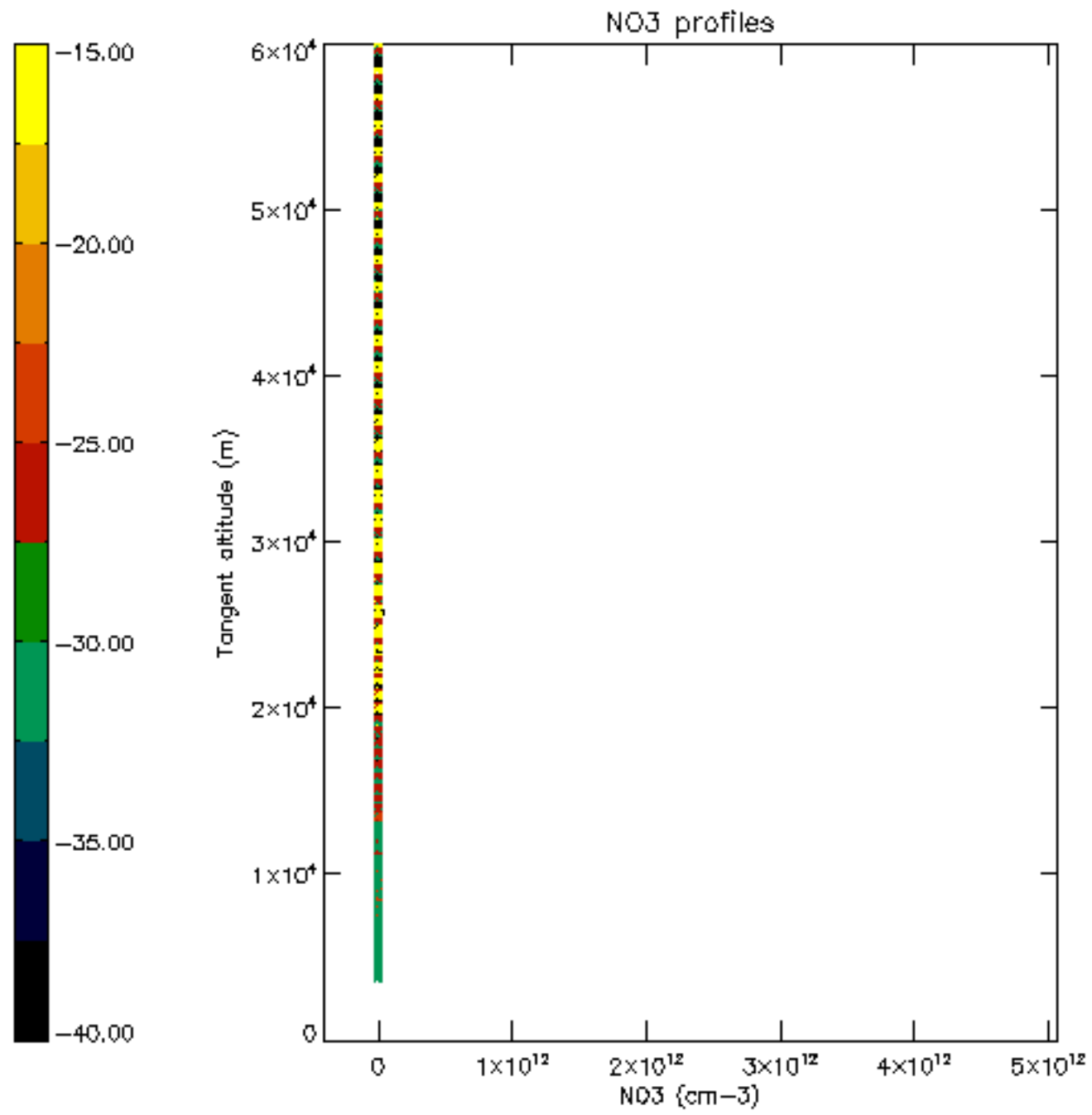




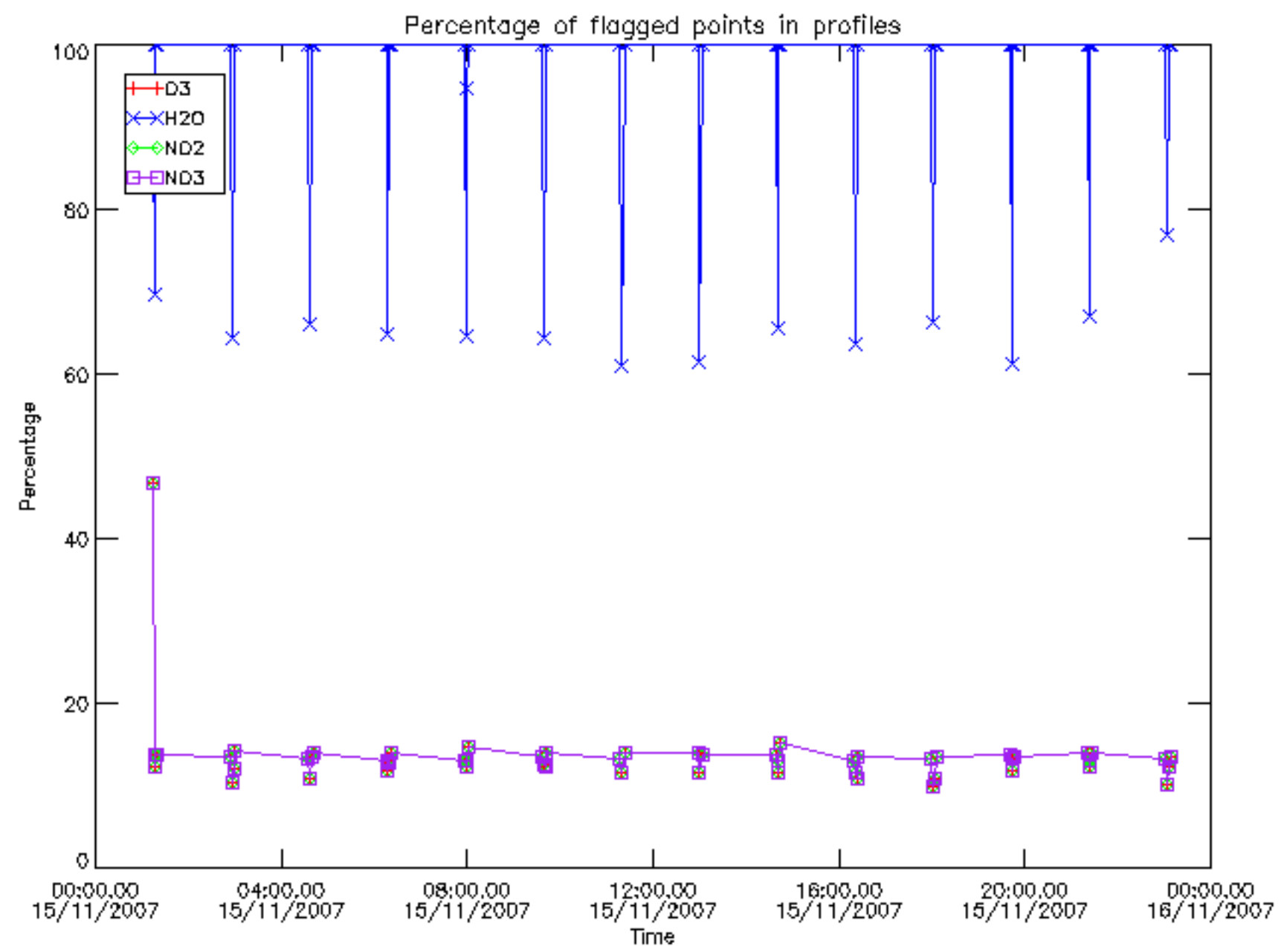




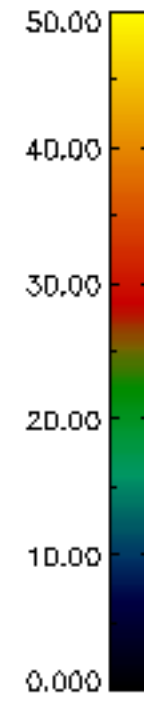
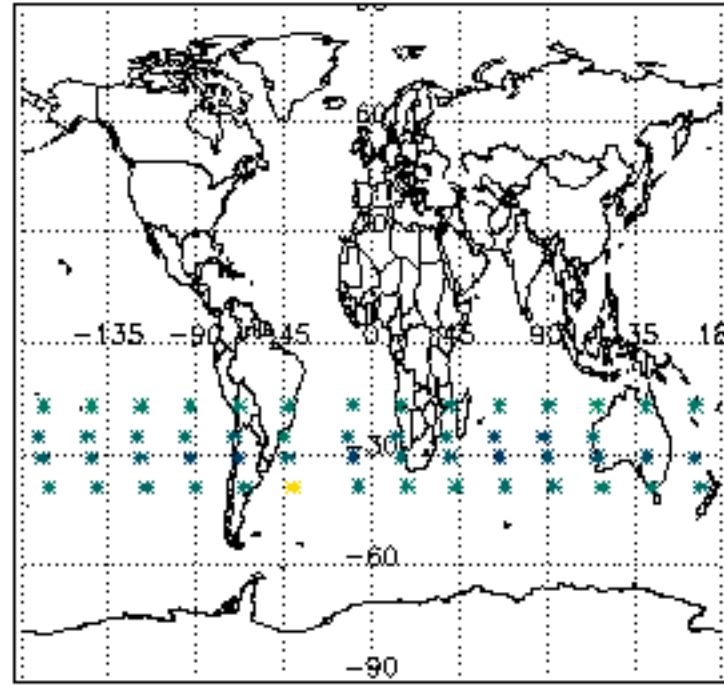




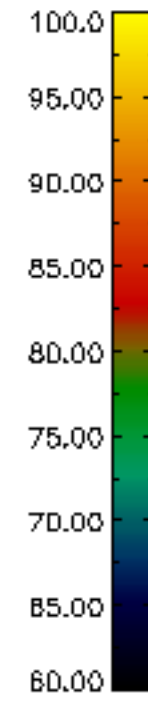
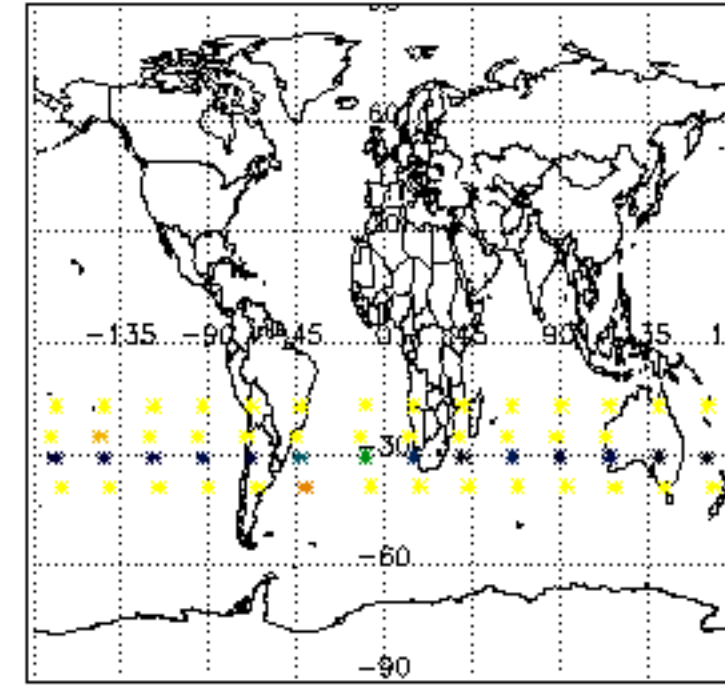




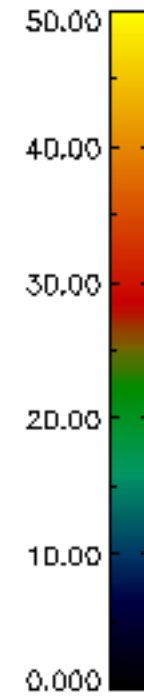
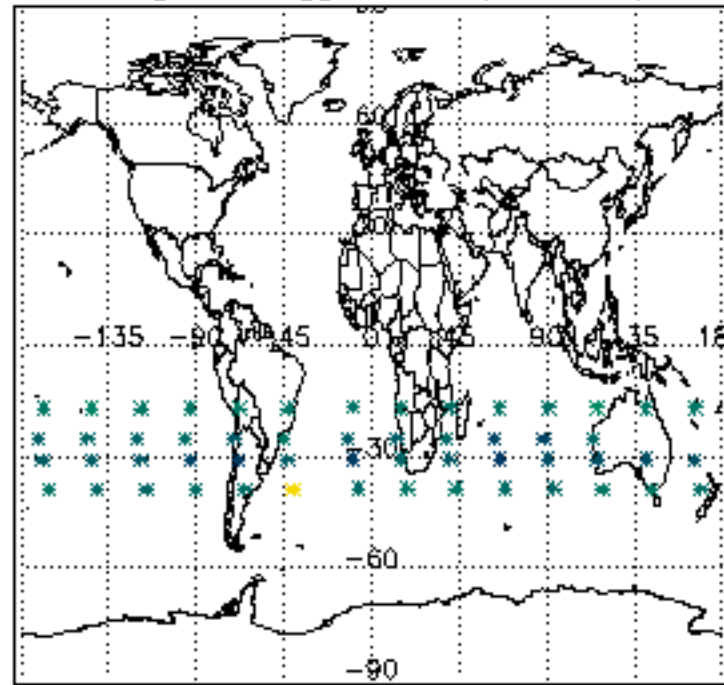
Percentage of flagged data per D3 profile



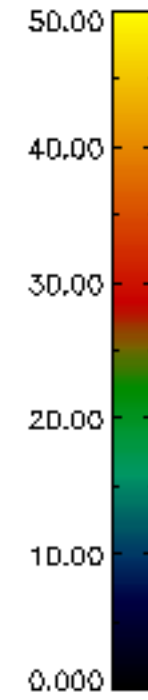
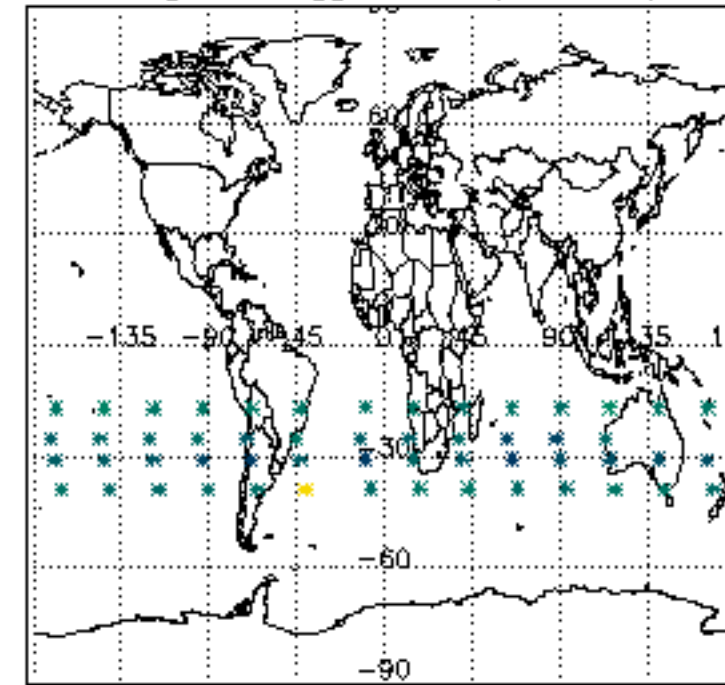
Percentage of flagged data per H2O profile

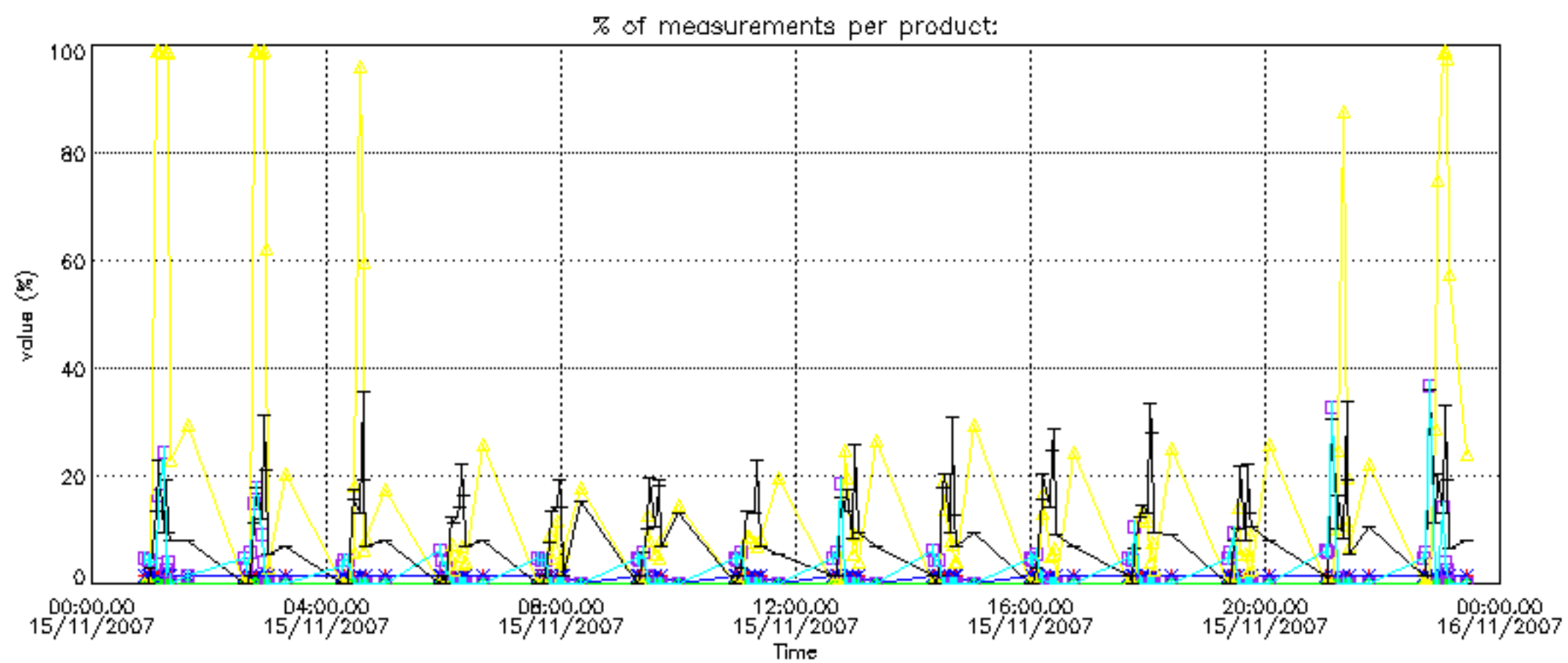


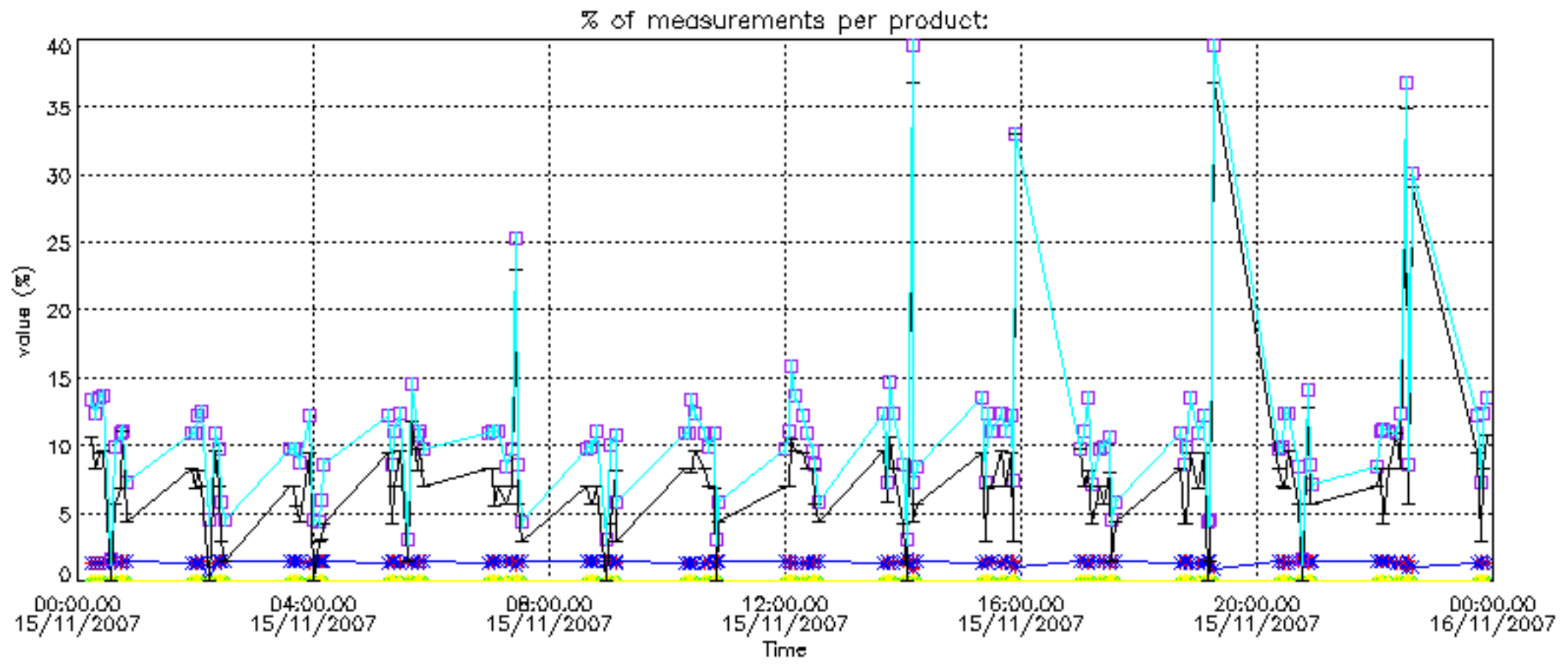
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

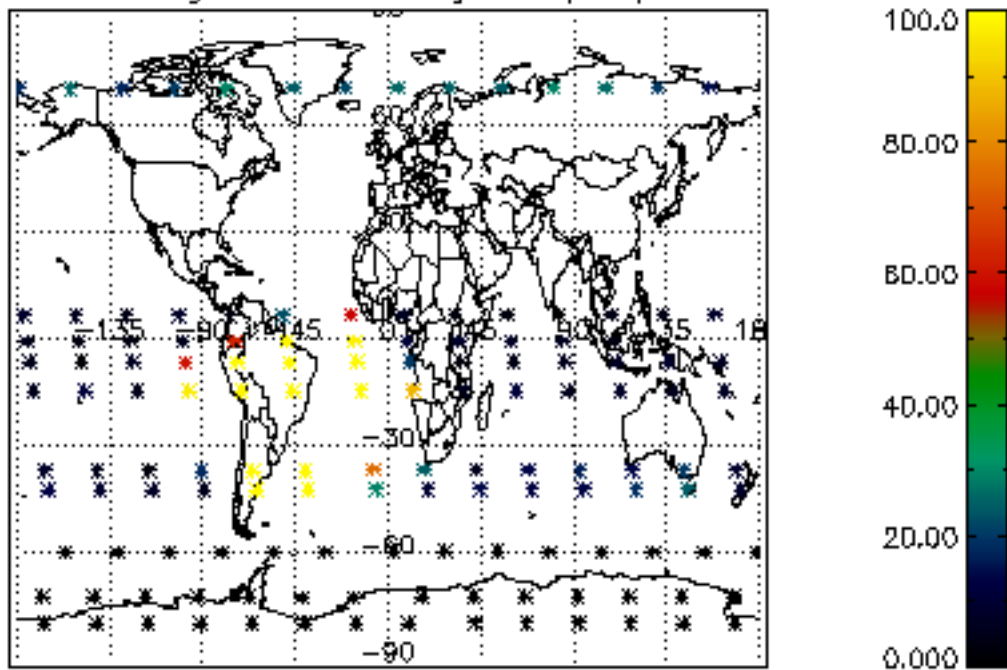




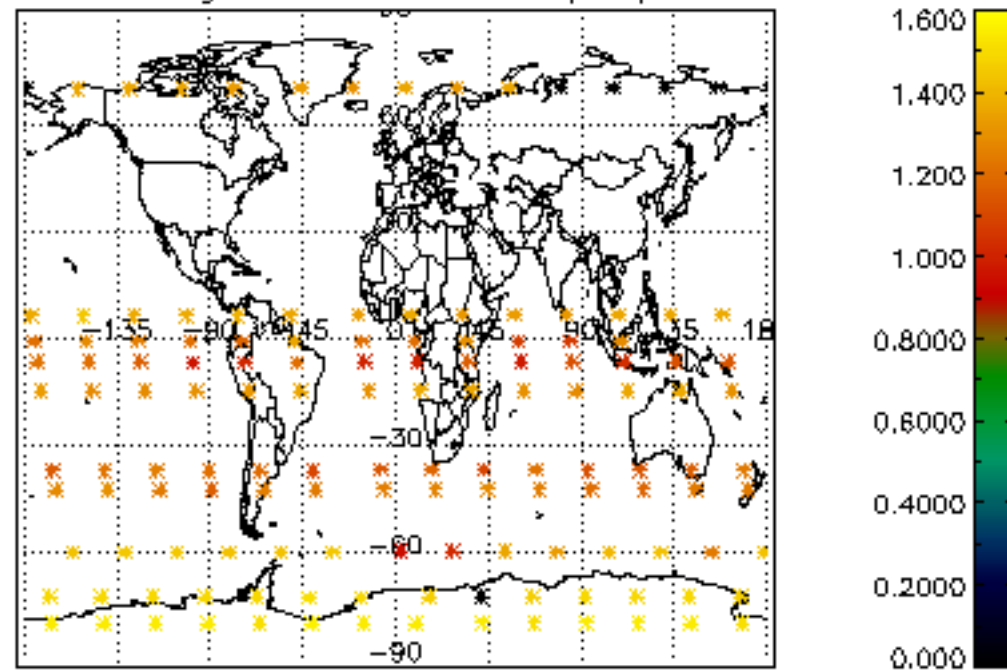




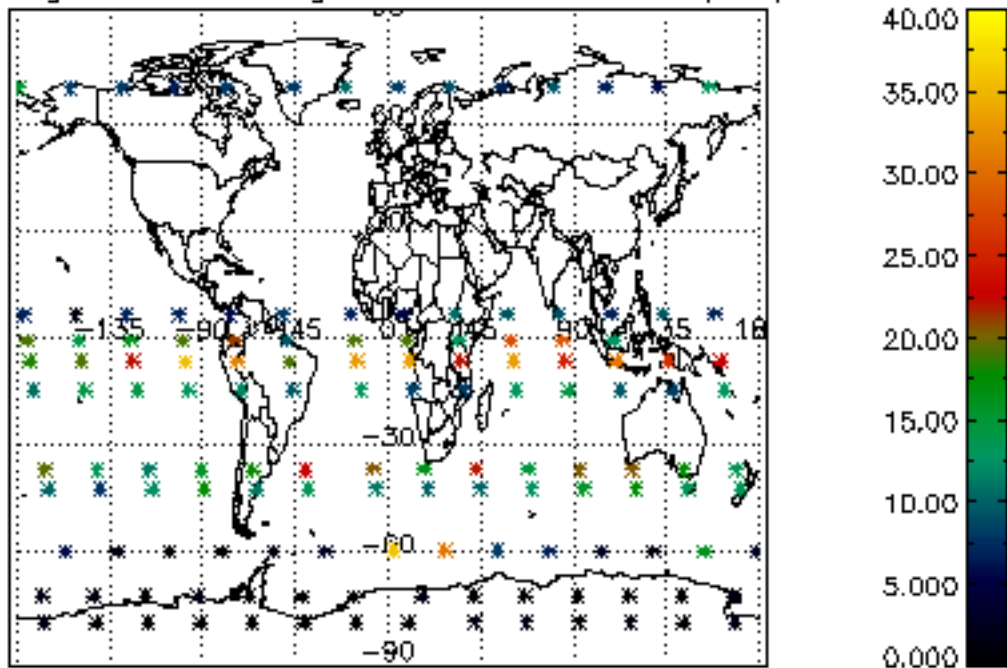
Percentage of cosmic ray hits per profile



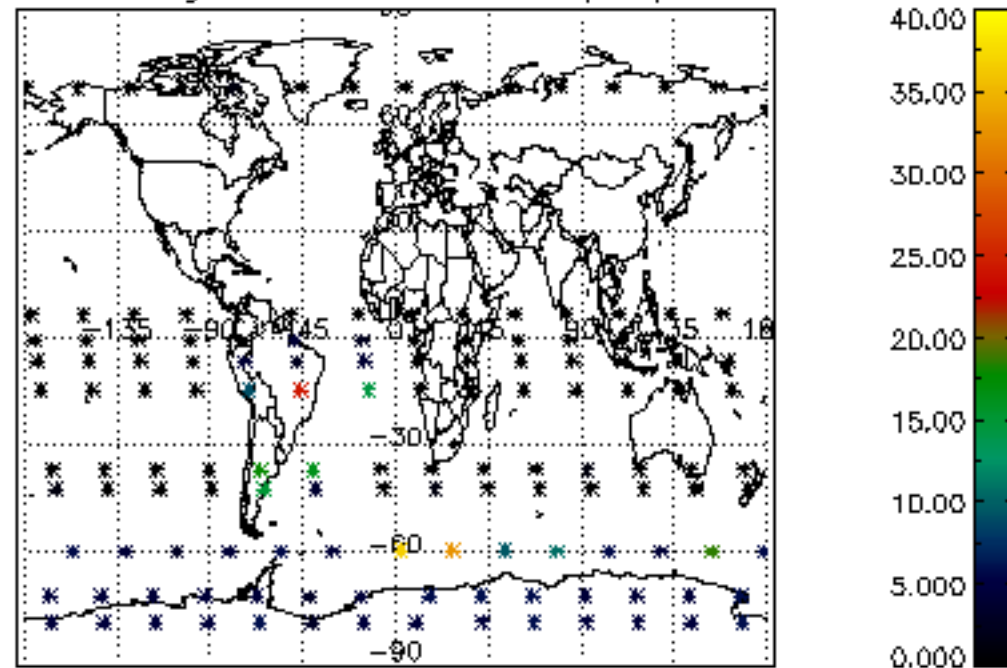
Percentage of datation errors per profile



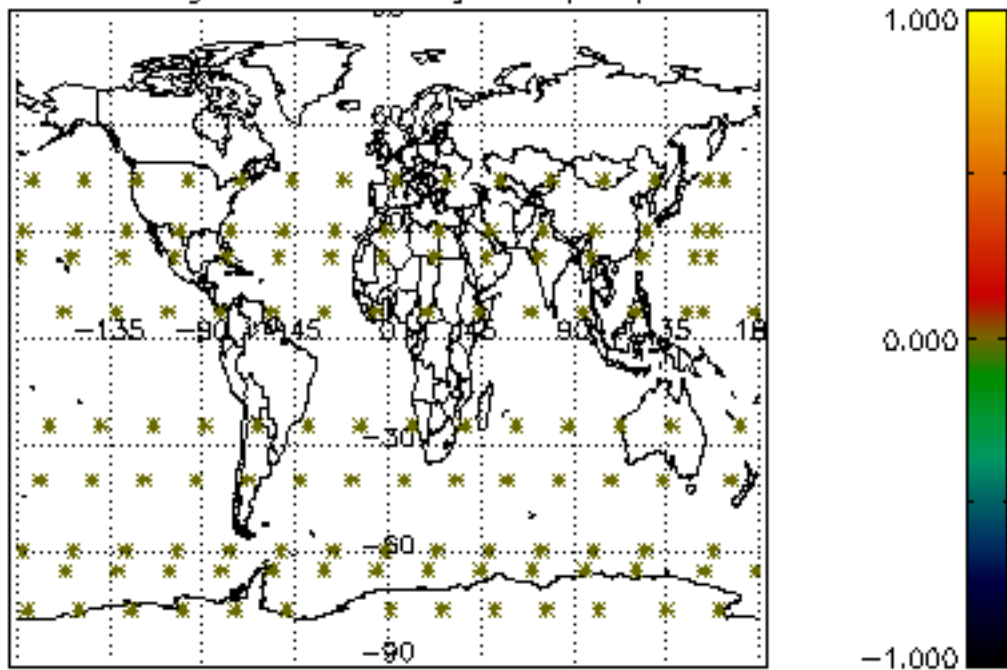
Percentage of star falling outside central band per profile



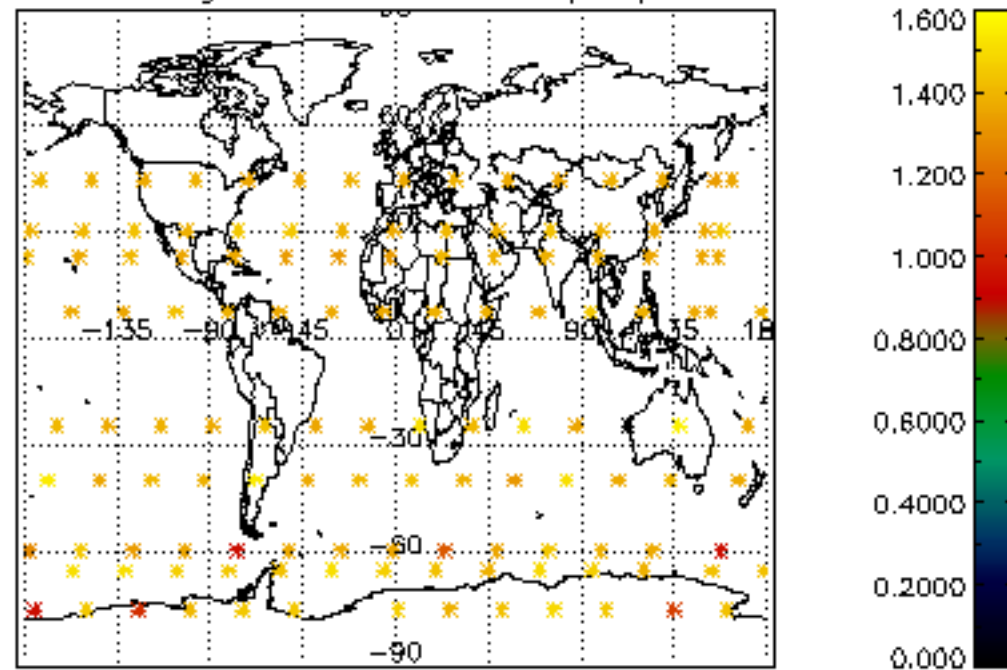
Percentage of saturation errors per profile



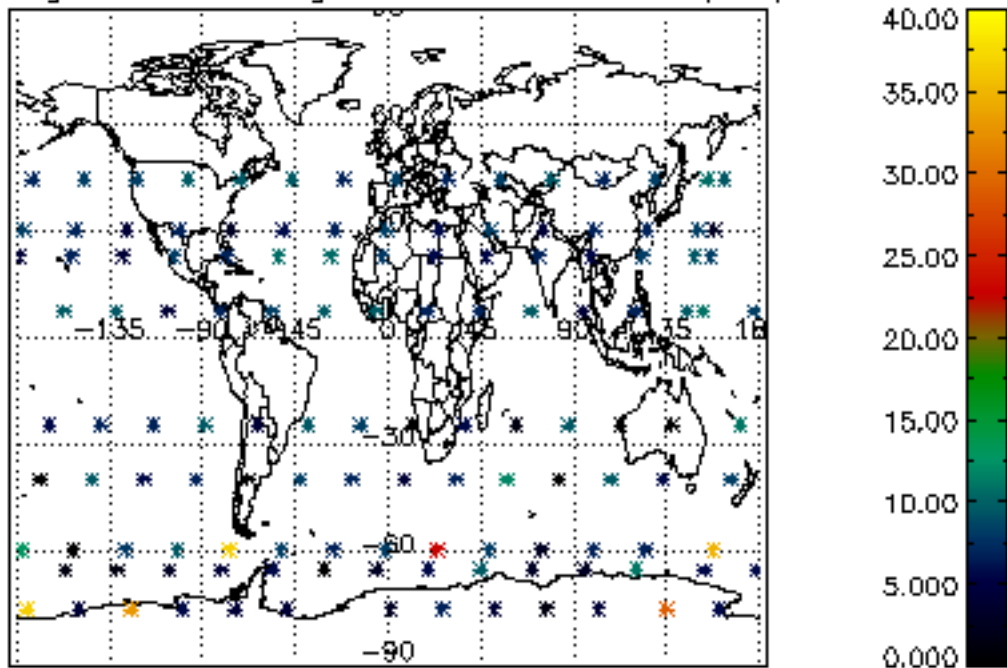
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

