

# GOMOS Level 2 Daily Report

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

| Item                      | Value                           |
|---------------------------|---------------------------------|
| Time of report generation | 22APR2013 16:41:24              |
| Data source version       | GOMOS/6.01                      |
| Start time of products    | 14-03-2006 (14MAR2006 00:00:00) |
| Stop time of products     | 15-03-2006 (15MAR2006 00:00:00) |
| Store outputs in DB       | Yes                             |
| Nb of level 2 prods       | 230                             |
| 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__2PRFIN20060314_001515_000000382046_00002_21098_8189.N1 | 14-MAR-2006 00:15:15 | Bright     | 38.000   | 22      | 32Alp Leo | 1.3600    | 15200.    | 76      | 21098 | No          |
| 2  | GOM_NL__2PRFIN20060314_001733_000000392046_00002_21098_8190.N1 | 14-MAR-2006 00:17:33 | Bright     | 38.500   | 51      | 41Gam1Leo | 2.0100    | 4500.0    | 77      | 21098 | No          |
| 3  | GOM_NL__2PRFIN20060314_002529_000000412046_00002_21098_8191.N1 | 14-MAR-2006 00:25:29 | Bright     | 40.500   | 174     | 52Psi UMa | 3.0040    | 4400.0    | 81      | 21098 | No          |
| 4  | GOM_NL__2PRFIN20060314_002837_000000382046_00002_21098_8192.N1 | 14-MAR-2006 00:28:37 | Bright     | 37.500   | 82      | 48Bet UMa | 2.3650    | 10600.    | 75      | 21098 | No          |
| 5  | GOM_NL__2PRFIN20060314_003006_000000382046_00002_21098_8193.N1 | 14-MAR-2006 00:30:06 | Bright     | 38.000   | 36      | 50Alp UMa | 1.8000    | 6300.0    | 76      | 21098 | No          |
| 6  | GOM_NL__2PRFIN20060314_003721_000000362046_00002_21098_8194.N1 | 14-MAR-2006 00:37:21 | Bright     | 35.500   | 49      | 1Alp UMi  | 1.9900    | 6300.0    | 71      | 21098 | No          |
| 7  | GOM_NL__2PRFIN20060314_004506_000000352046_00002_21098_8195.N1 | 14-MAR-2006 00:45:06 | Bright     | 35.000   | 89      | 5Alp Cep  | 2.4510    | 8000.0    | 70      | 21098 | No          |
| 8  | GOM_NL__2PRFIN20060314_005013_000000372046_00002_21098_8196.N1 | 14-MAR-2006 00:50:13 | Bright     | 37.000   | 19      | 50Alp Cyg | 1.2460    | 10500.    | 74      | 21098 | No          |
| 9  | GOM_NL__2PRFIN20060314_005147_000000382046_00002_21098_8197.N1 | 14-MAR-2006 00:51:47 | Bright     | 38.000   | 66      | 37Gam Cyg | 2.2080    | 5900.0    | 76      | 21098 | No          |
| 10 | GOM_NL__2PRFIN20060314_005328_000000352046_00002_21098_8198.N1 | 14-MAR-2006 00:53:28 | Bright     | 35.000   | 92      | 53Eps Cyg | 2.5000    | 4500.0    | 70      | 21098 | No          |
| 11 | GOM_NL__2PRFIN20060314_010139_000000492046_00002_21098_8199.N1 | 14-MAR-2006 01:01:39 | Twilight   | 48.500   | 11      | 53Alp Aql | 0.76500   | 8000.0    | 97      | 21098 | No          |
| 12 | GOM_NL__2PRFIN20060314_011138_000000442046_00002_21098_8200.N1 | 14-MAR-2006 01:11:38 | Dark       | 44.000   | 155     | 41Pi Sgr  | 2.9000    | 6600.0    | 88      | 21098 | No          |
| 13 | GOM_NL__2PRFIN20060314_011339_000000472046_00002_21098_8201.N1 | 14-MAR-2006 01:13:39 | Dark       | 46.500   | 57      | 34Sig Sgr | 2.0660    | 26000.    | 93      | 21098 | No          |
| 14 | GOM_NL__2PRFIN20060314_011704_000000442046_00002_21098_8202.N1 | 14-MAR-2006 01:17:04 | Dark       | 44.000   | 38      | 20Eps Sgr | 1.8360    | 11000.    | 88      | 21098 | No          |
| 15 | GOM_NL__2PRFIN20060314_012312_000000432046_00003_21099_8183.N1 | 14-MAR-2006 01:23:12 | Dark       | 42.500   | 141     | Bet Ara   | 2.8400    | 4600.0    | 85      | 21099 | No          |
| 16 | GOM_NL__2PRFIN20060314_012658_000000402046_00003_21099_8184.N1 | 14-MAR-2006 01:26:58 | Dark       | 39.500   | 134     | Bet TrA   | 2.8100    | 6600.0    | 79      | 21099 | No          |
| 17 | GOM_NL__2PRFIN20060314_012942_000000462046_00003_21099_8185.N1 | 14-MAR-2006 01:29:42 | Dark       | 45.500   | 4       | Alp1Cen   | -0.010000 | 5800.0    | 91      | 21099 | No          |
| 18 | GOM_NL__2PRFIN20060314_013056_000000442046_00003_21099_8186.N1 | 14-MAR-2006 01:30:56 | Dark       | 43.500   | 10      | Bet Cen   | 0.61000   | 28000.    | 87      | 21099 | No          |
| 19 | GOM_NL__2PRFIN20060314_013314_000000412046_00003_21099_8187.N1 | 14-MAR-2006 01:33:14 | Dark       | 41.000   | 20      | Bet Cru   | 1.2530    | 30000.    | 82      | 21099 | No          |
| 20 | GOM_NL__2PRFIN20060314_013555_000000412046_00003_21099_8188.N1 | 14-MAR-2006 01:35:55 | Straylight | 40.500   | 64      | Gam Cen   | 2.2000    | 10600.    | 81      | 21099 | No          |
| 21 | GOM_NL__2PRFIN20060314_015551_000000382046_00003_21099_8189.N1 | 14-MAR-2006 01:55:51 | Bright     | 37.500   | 22      | 32Alp Leo | 1.3600    | 15200.    | 75      | 21099 | No          |
| 22 | GOM_NL__2PRFIN20060314_015809_000000392046_00003_21099_8190.N1 | 14-MAR-2006 01:58:09 | Bright     | 38.500   | 51      | 41Gam1Leo | 2.0100    | 4500.0    | 77      | 21099 | No          |
| 23 | GOM_NL__2PRFIN20060314_020604_000000392046_00003_21099_8191.N1 | 14-MAR-2006 02:06:04 | Bright     | 38.500   | 174     | 52Psi UMa | 3.0040    | 4400.0    | 77      | 21099 | No          |
| 24 | GOM_NL__2PRFIN20060314_020913_000000372046_00003_21099_8192.N1 | 14-MAR-2006 02:09:13 | Bright     | 36.500   | 82      | 48Bet UMa | 2.3650    | 10600.    | 73      | 21099 | No          |
| 25 | GOM_NL__2PRFIN20060314_021041_000000382046_00003_21099_8193.N1 | 14-MAR-2006 02:10:41 | Bright     | 37.500   | 36      | 50Alp UMa | 1.8000    | 6300.0    | 75      | 21099 | No          |
| 26 | GOM_NL__2PRFIN20060314_021757_000000352046_00003_21099_8194.N1 | 14-MAR-2006 02:17:57 | Bright     | 34.500   | 49      | 1Alp UMi  | 1.9900    | 6300.0    | 69      | 21099 | No          |
| 27 | GOM_NL__2PRFIN20060314_022542_000000352046_00003_21099_8195.N1 | 14-MAR-2006 02:25:42 | Bright     | 34.500   | 89      | 5Alp Cep  | 2.4510    | 8000.0    | 69      | 21099 | No          |
| 28 | GOM_NL__2PRFIN20060314_023049_000000362046_00003_21099_8196.N1 | 14-MAR-2006 02:30:49 | Bright     | 36.000   | 19      | 50Alp Cyg | 1.2460    | 10500.    | 72      | 21099 | No          |
| 29 | GOM_NL__2PRFIN20060314_023223_000000352046_00003_21099_8197.N1 | 14-MAR-2006 02:32:23 | Bright     | 34.500   | 66      | 37Gam Cyg | 2.2080    | 5900.0    | 69      | 21099 | No          |
| 30 | GOM_NL__2PRFIN20060314_023404_000000352046_00003_21099_8198.N1 | 14-MAR-2006 02:34:04 | Bright     | 34.500   | 92      | 53Eps Cyg | 2.5000    | 4500.0    | 69      | 21099 | No          |
| 31 | GOM_NL__2PRFIN20060314_024216_000000552046_00003_21099_8199.N1 | 14-MAR-2006 02:42:16 | Twilight   | 54.500   | 11      | 53Alp Aql | 0.76500   | 8000.0    | 109     | 21099 | No          |
| 32 | GOM_NL__2PRFIN20060314_025415_000000442046_00003_21099_8200.N1 | 14-MAR-2006 02:54:15 | Dark       | 43.500   | 57      | 34Sig Sgr | 2.0660    | 26000.    | 87      | 21099 | No          |
| 33 | GOM_NL__2PRFIN20060314_025740_000000532046_00003_21099_8201.N1 | 14-MAR-2006 02:57:40 | Dark       | 52.500   | 38      | 20Eps Sgr | 1.8360    | 11000.    | 105     | 21099 | No          |
| 34 | GOM_NL__2PRFIN20060314_062502_000000412046_00006_21102_8185.N1 | 14-MAR-2006 06:25:02 | Dark       | 41.000   | 141     | Bet Ara   | 2.8400    | 4600.0    | 82      | 21102 | No          |
| 35 | GOM_NL__2PRFIN20060314_062848_000000382046_00006_21102_8186.N1 | 14-MAR-2006 06:28:48 | Dark       | 38.000   | 134     | Bet TrA   | 2.8100    | 6600.0    | 76      | 21102 | No          |
| 36 | GOM_NL__2PRFIN20060314_063131_000000532046_00006_21102_8187.N1 | 14-MAR-2006 06:31:31 | Dark       | 52.500   | 4       | Alp1Cen   | -0.010000 | 5800.0    | 105     | 21102 | No          |
| 37 | GOM_NL__2PRFIN20060314_063246_000000422046_00006_21102_8188.N1 | 14-MAR-2006 06:32:46 | Dark       | 42.000   | 10      | Bet Cen   | 0.61000   | 28000.    | 84      | 21102 | No          |
| 38 | GOM_NL__2PRFIN20060314_063503_000000452046_00006_21102_8189.N1 | 14-MAR-2006 06:35:03 | Dark       | 45.000   | 20      | Bet Cru   | 1.2530    | 30000.    | 90      | 21102 | No          |
| 39 | GOM_NL__2PRFIN20060314_063744_000000452046_00006_21102_8190.N1 | 14-MAR-2006 06:37:44 | Straylight | 45.000   | 64      | Gam Cen   | 2.2000    | 10600.    | 90      | 21102 | No          |
| 40 | GOM_NL__2PRFIN20060314_065739_000000382046_00006_21102_8191.N1 | 14-MAR-2006 06:57:39 | Bright     | 38.000   | 22      | 32Alp Leo | 1.3600    | 15200.    | 76      | 21102 | No          |
| 41 | GOM_NL__2PRFIN20060314_065957_000000402046_00006_21102_8192.N1 | 14-MAR-2006 06:59:57 | Bright     | 39.500   | 51      | 41Gam1Leo | 2.0100    | 4500.0    | 79      | 21102 | No          |
| 42 | GOM_NL__2PRFIN20060314_070751_000000392046_00006_21102_8193.N1 | 14-MAR-2006 07:07:51 | Bright     | 38.500   | 174     | 52Psi UMa | 3.0040    | 4400.0    | 77      | 21102 | No          |

|     |  |                      |            |        |     |           |           |        |     |       |    |
|-----|--|----------------------|------------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 43  | GOM_NL__2PRFIN20060314_071100_000000382046_00006_21102_8194.N1 | 14-MAR-2006 07:11:00 | Bright     | 38.000 | 82  | 48Bet UMa | 2.3650    | 10600. | 76  | 21102 | No |
| 44  | GOM_NL__2PRFIN20060314_071228_000000392046_00006_21102_8195.N1 | 14-MAR-2006 07:12:28 | Bright     | 39.000 | 36  | 50Alp UMa | 1.8000    | 6300.0 | 78  | 21102 | No |
| 45  | GOM_NL__2PRFIN20060314_071945_000000362046_00006_21102_8196.N1 | 14-MAR-2006 07:19:45 | Bright     | 35.500 | 49  | 1Alp UMi  | 1.9900    | 6300.0 | 71  | 21102 | No |
| 46  | GOM_NL__2PRFIN20060314_072731_000000352046_00006_21102_8197.N1 | 14-MAR-2006 07:27:31 | Bright     | 34.500 | 89  | 5Alp Cep  | 2.4510    | 8000.0 | 69  | 21102 | No |
| 47  | GOM_NL__2PRFIN20060314_073237_000000372046_00006_21102_8198.N1 | 14-MAR-2006 07:32:37 | Bright     | 37.000 | 19  | 50Alp Cyg | 1.2460    | 10500. | 74  | 21102 | No |
| 48  | GOM_NL__2PRFIN20060314_073411_000000382046_00006_21102_8199.N1 | 14-MAR-2006 07:34:11 | Bright     | 38.000 | 66  | 37Gam Cyg | 2.2080    | 5900.0 | 76  | 21102 | No |
| 49  | GOM_NL__2PRFIN20060314_073552_000000362046_00006_21102_8200.N1 | 14-MAR-2006 07:35:52 | Bright     | 36.000 | 92  | 53Eps Cyg | 2.5000    | 4500.0 | 72  | 21102 | No |
| 50  | GOM_NL__2PRFIN20060314_074405_000000482046_00006_21102_8201.N1 | 14-MAR-2006 07:44:05 | Twilight   | 47.500 | 11  | 53Alp Aql | 0.76500   | 8000.0 | 95  | 21102 | No |
| 51  | GOM_NL__2PRFIN20060314_075405_000000472046_00006_21102_8202.N1 | 14-MAR-2006 07:54:05 | Dark       | 47.000 | 155 | 41Pi Sgr  | 2.9000    | 6600.0 | 94  | 21102 | No |
| 52  | GOM_NL__2PRFIN20060314_075606_000000472046_00006_21102_8203.N1 | 14-MAR-2006 07:56:06 | Dark       | 46.500 | 57  | 34Sig Sgr | 2.0660    | 26000. | 93  | 21102 | No |
| 53  | GOM_NL__2PRFIN20060314_075931_000000502046_00006_21102_8204.N1 | 14-MAR-2006 07:59:31 | Dark       | 50.000 | 38  | 20Eps Sgr | 1.8360    | 11000. | 100 | 21102 | No |
| 54  | GOM_NL__2PRFIN20060314_080539_000000432046_00007_21103_8186.N1 | 14-MAR-2006 08:05:39 | Dark       | 42.500 | 141 | Bet Ara   | 2.8400    | 4600.0 | 85  | 21103 | No |
| 55  | GOM_NL__2PRFIN20060314_080924_000000382046_00007_21103_8187.N1 | 14-MAR-2006 08:09:24 | Dark       | 37.500 | 134 | Bet TrA   | 2.8100    | 6600.0 | 75  | 21103 | No |
| 56  | GOM_NL__2PRFIN20060314_081208_000000462046_00007_21103_8188.N1 | 14-MAR-2006 08:12:08 | Dark       | 45.500 | 4   | Alp1Cen   | -0.010000 | 5800.0 | 91  | 21103 | No |
| 57  | GOM_NL__2PRFIN20060314_081322_000000472046_00007_21103_8189.N1 | 14-MAR-2006 08:13:22 | Dark       | 47.000 | 10  | Bet Cen   | 0.61000   | 28000. | 94  | 21103 | No |
| 58  | GOM_NL__2PRFIN20060314_081539_000000452046_00007_21103_8190.N1 | 14-MAR-2006 08:15:39 | Dark       | 44.500 | 20  | Bet Cru   | 1.2530    | 30000. | 89  | 21103 | No |
| 59  | GOM_NL__2PRFIN20060314_081820_000000452046_00007_21103_8191.N1 | 14-MAR-2006 08:18:20 | Straylight | 44.500 | 64  | Gam Cen   | 2.2000    | 10600. | 89  | 21103 | No |
| 60  | GOM_NL__2PRFIN20060314_083815_000000382046_00007_21103_8192.N1 | 14-MAR-2006 08:38:15 | Bright     | 37.500 | 22  | 32Alp Leo | 1.3600    | 15200. | 75  | 21103 | No |
| 61  | GOM_NL__2PRFIN20060314_084032_000000542046_00007_21103_8193.N1 | 14-MAR-2006 08:40:32 | Bright     | 54.000 | 51  | 41Gam1Leo | 2.0100    | 4500.0 | 108 | 21103 | No |
| 62  | GOM_NL__2PRFIN20060314_084827_000000412046_00007_21103_8194.N1 | 14-MAR-2006 08:48:27 | Bright     | 41.000 | 174 | 52Psi UMa | 3.0040    | 4400.0 | 82  | 21103 | No |
| 63  | GOM_NL__2PRFIN20060314_085135_000000382046_00007_21103_8195.N1 | 14-MAR-2006 08:51:35 | Bright     | 37.500 | 82  | 48Bet UMa | 2.3650    | 10600. | 75  | 21103 | No |
| 64  | GOM_NL__2PRFIN20060314_085304_000000392046_00007_21103_8196.N1 | 14-MAR-2006 08:53:04 | Bright     | 39.000 | 36  | 50Alp UMa | 1.8000    | 6300.0 | 78  | 21103 | No |
| 65  | GOM_NL__2PRFIN20060314_090021_000000342046_00007_21103_8197.N1 | 14-MAR-2006 09:00:21 | Bright     | 34.000 | 49  | 1Alp UMi  | 1.9900    | 6300.0 | 68  | 21103 | No |
| 66  | GOM_NL__2PRFIN20060314_090807_000000362046_00007_21103_8198.N1 | 14-MAR-2006 09:08:07 | Bright     | 35.500 | 89  | 5Alp Cep  | 2.4510    | 8000.0 | 71  | 21103 | No |
| 67  | GOM_NL__2PRFIN20060314_091313_000000372046_00007_21103_8199.N1 | 14-MAR-2006 09:13:13 | Bright     | 37.000 | 19  | 50Alp Cyg | 1.2460    | 10500. | 74  | 21103 | No |
| 68  | GOM_NL__2PRFIN20060314_091447_000000382046_00007_21103_8200.N1 | 14-MAR-2006 09:14:47 | Bright     | 38.000 | 66  | 37Gam Cyg | 2.2080    | 5900.0 | 76  | 21103 | No |
| 69  | GOM_NL__2PRFIN20060314_091628_000000372046_00007_21103_8201.N1 | 14-MAR-2006 09:16:28 | Bright     | 36.500 | 92  | 53Eps Cyg | 2.5000    | 4500.0 | 73  | 21103 | No |
| 70  | GOM_NL__2PRFIN20060314_092441_000000502046_00007_21103_8202.N1 | 14-MAR-2006 09:24:41 | Twilight   | 50.000 | 11  | 53Alp Aql | 0.76500   | 8000.0 | 100 | 21103 | No |
| 71  | GOM_NL__2PRFIN20060314_093442_000000462046_00007_21103_8203.N1 | 14-MAR-2006 09:34:42 | Dark       | 45.500 | 155 | 41Pi Sgr  | 2.9000    | 6600.0 | 91  | 21103 | No |
| 72  | GOM_NL__2PRFIN20060314_093642_000000452046_00007_21103_8204.N1 | 14-MAR-2006 09:36:42 | Dark       | 44.500 | 57  | 34Sig Sgr | 2.0660    | 26000. | 89  | 21103 | No |
| 73  | GOM_NL__2PRFIN20060314_094008_000000472046_00007_21103_8205.N1 | 14-MAR-2006 09:40:08 | Dark       | 46.500 | 38  | 20Eps Sgr | 1.8360    | 11000. | 93  | 21103 | No |
| 74  | GOM_NL__2PRFIN20060314_094615_000000412046_00008_21104_8187.N1 | 14-MAR-2006 09:46:15 | Dark       | 41.000 | 141 | Bet Ara   | 2.8400    | 4600.0 | 82  | 21104 | No |
| 75  | GOM_NL__2PRFIN20060314_095001_000000382046_00008_21104_8188.N1 | 14-MAR-2006 09:50:01 | Dark       | 38.000 | 134 | Bet TrA   | 2.8100    | 6600.0 | 76  | 21104 | No |
| 76  | GOM_NL__2PRFIN20060314_095244_000000452046_00008_21104_8189.N1 | 14-MAR-2006 09:52:44 | Dark       | 45.000 | 4   | Alp1Cen   | -0.010000 | 5800.0 | 90  | 21104 | No |
| 77  | GOM_NL__2PRFIN20060314_095359_000000432046_00008_21104_8190.N1 | 14-MAR-2006 09:53:59 | Dark       | 42.500 | 10  | Bet Cen   | 0.61000   | 28000. | 85  | 21104 | No |
| 78  | GOM_NL__2PRFIN20060314_095616_000000392046_00008_21104_8191.N1 | 14-MAR-2006 09:56:16 | Dark       | 39.000 | 20  | Bet Cru   | 1.2530    | 30000. | 78  | 21104 | No |
| 79  | GOM_NL__2PRFIN20060314_095857_000000432046_00008_21104_8192.N1 | 14-MAR-2006 09:58:57 | Straylight | 43.000 | 64  | Gam Cen   | 2.2000    | 10600. | 86  | 21104 | No |
| 80  | GOM_NL__2PRFIN20060314_101851_000000392046_00008_21104_8193.N1 | 14-MAR-2006 10:18:51 | Bright     | 38.500 | 22  | 32Alp Leo | 1.3600    | 15200. | 77  | 21104 | No |
| 81  | GOM_NL__2PRFIN20060314_102108_000000382046_00008_21104_8194.N1 | 14-MAR-2006 10:21:08 | Bright     | 38.000 | 51  | 41Gam1Leo | 2.0100    | 4500.0 | 76  | 21104 | No |
| 82  | GOM_NL__2PRFIN20060314_102902_000000392046_00008_21104_8195.N1 | 14-MAR-2006 10:29:02 | Bright     | 39.000 | 174 | 52Psi UMa | 3.0040    | 4400.0 | 78  | 21104 | No |
| 83  | GOM_NL__2PRFIN20060314_103211_000000402046_00008_21104_8196.N1 | 14-MAR-2006 10:32:11 | Bright     | 39.500 | 82  | 48Bet UMa | 2.3650    | 10600. | 79  | 21104 | No |
| 84  | GOM_NL__2PRFIN20060314_103340_000000382046_00008_21104_8197.N1 | 14-MAR-2006 10:33:40 | Bright     | 38.000 | 36  | 50Alp UMa | 1.8000    | 6300.0 | 76  | 21104 | No |
| 85  | GOM_NL__2PRFIN20060314_104057_000000352046_00008_21104_8198.N1 | 14-MAR-2006 10:40:57 | Bright     | 35.000 | 49  | 1Alp UMi  | 1.9900    | 6300.0 | 70  | 21104 | No |
| 86  | GOM_NL__2PRFIN20060314_104843_000000352046_00008_21104_8199.N1 | 14-MAR-2006 10:48:43 | Bright     | 35.000 | 89  | 5Alp Cep  | 2.4510    | 8000.0 | 70  | 21104 | No |
| 87  | GOM_NL__2PRFIN20060314_105349_000000352046_00008_21104_8200.N1 | 14-MAR-2006 10:53:49 | Bright     | 34.500 | 19  | 50Alp Cyg | 1.2460    | 10500. | 69  | 21104 | No |
| 88  | GOM_NL__2PRFIN20060314_105523_000000382046_00008_21104_8201.N1 | 14-MAR-2006 10:55:23 | Bright     | 38.000 | 66  | 37Gam Cyg | 2.2080    | 5900.0 | 76  | 21104 | No |
| 89  | GOM_NL__2PRFIN20060314_105704_000000352046_00008_21104_8202.N1 | 14-MAR-2006 10:57:04 | Bright     | 35.000 | 92  | 53Eps Cyg | 2.5000    | 4500.0 | 70  | 21104 | No |
| 90  | GOM_NL__2PRFIN20060314_110517_000000512046_00008_21104_8203.N1 | 14-MAR-2006 11:05:17 | Twilight   | 51.000 | 11  | 53Alp Aql | 0.76500   | 8000.0 | 102 | 21104 | No |
| 91  | GOM_NL__2PRFIN20060314_111518_000000452046_00008_21104_8204.N1 | 14-MAR-2006 11:15:18 | Dark       | 44.500 | 155 | 41Pi Sgr  | 2.9000    | 6600.0 | 89  | 21104 | No |
| 92  | GOM_NL__2PRFIN20060314_111719_000000462046_00008_21104_8205.N1 | 14-MAR-2006 11:17:19 | Dark       | 46.000 | 57  | 34Sig Sgr | 2.0660    | 26000. | 92  | 21104 | No |
| 93  | GOM_NL__2PRFIN20060314_112044_000000472046_00008_21104_8206.N1 | 14-MAR-2006 11:20:44 | Dark       | 47.000 | 38  | 20Eps Sgr | 1.8360    | 11000. | 94  | 21104 | No |
| 94  | GOM_NL__2PRFIN20060314_112652_000000402046_00009_21105_8188.N1 | 14-MAR-2006 11:26:52 | Dark       | 40.000 | 141 | Bet Ara   | 2.8400    | 4600.0 | 80  | 21105 | No |
| 95  | GOM_NL__2PRFIN20060314_113037_000000382046_00009_21105_8189.N1 | 14-MAR-2006 11:30:37 | Dark       | 37.500 | 134 | Bet TrA   | 2.8100    | 6600.0 | 75  | 21105 | No |
| 96  | GOM_NL__2PRFIN20060314_113321_000000522046_00009_21105_8190.N1 | 14-MAR-2006 11:33:21 | Dark       | 51.500 | 4   | Alp1Cen   | -0.010000 | 5800.0 | 103 | 21105 | No |
| 97  | GOM_NL__2PRFIN20060314_113435_000000492046_00009_21105_8191.N1 | 14-MAR-2006 11:34:35 | Dark       | 49.000 | 10  | Bet Cen   | 0.61000   | 28000. | 98  | 21105 | No |
| 98  | GOM_NL__2PRFIN20060314_113652_000000402046_00009_21105_8192.N1 | 14-MAR-2006 11:36:52 | Dark       | 40.000 | 20  | Bet Cru   | 1.2530    | 30000. | 80  | 21105 | No |
| 99  | GOM_NL__2PRFIN20060314_113933_000000392046_00009_21105_8193.N1 | 14-MAR-2006 11:39:33 | Straylight | 39.000 | 64  | Gam Cen   | 2.2000    | 10600. | 78  | 21105 | No |
| 100 | GOM_NL__2PRFIN20060314_115927_000000382046_00009_21105_8194.N1 | 14-MAR-2006 11:59:27 | Bright     | 38.000 | 22  | 32Alp Leo | 1.3600    | 15200. | 76  | 21105 | No |
| 101 | GOM_NL__2PRFIN20060314_120144_000000382046_00009_21105_8195.N1 | 14-MAR-2006 12:01:44 | Bright     | 37.500 | 51  | 41Gam1Leo | 2.0100    | 4500.0 | 75  | 21105 | No |

|     |  |                      |            |        |     |           |           |        |     |       |    |
|-----|--|----------------------|------------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20060314_120938_000000412046_00009_21105_8196.N1 | 14-MAR-2006 12:09:38 | Bright     | 40.500 | 174 | 52Psi UMa | 3.0040    | 4400.0 | 81  | 21105 | No |
| 103 | GOM_NL__2PRFIN20060314_121246_000000392046_00009_21105_8197.N1 | 14-MAR-2006 12:12:46 | Bright     | 38.500 | 82  | 48Bet UMa | 2.3650    | 10600. | 77  | 21105 | No |
| 104 | GOM_NL__2PRFIN20060314_121415_000000382046_00009_21105_8198.N1 | 14-MAR-2006 12:14:15 | Bright     | 38.000 | 36  | 50Alp UMa | 1.8000    | 6300.0 | 76  | 21105 | No |
| 105 | GOM_NL__2PRFIN20060314_122133_000000332046_00009_21105_8199.N1 | 14-MAR-2006 12:21:33 | Bright     | 33.000 | 49  | 1Alp UMi  | 1.9900    | 6300.0 | 66  | 21105 | No |
| 106 | GOM_NL__2PRFIN20060314_122918_000000362046_00009_21105_8200.N1 | 14-MAR-2006 12:29:18 | Bright     | 36.000 | 89  | 5Alp Cep  | 2.4510    | 8000.0 | 72  | 21105 | No |
| 107 | GOM_NL__2PRFIN20060314_123425_000000372046_00009_21105_8201.N1 | 14-MAR-2006 12:34:25 | Bright     | 37.000 | 19  | 50Alp Cyg | 1.2460    | 10500. | 74  | 21105 | No |
| 108 | GOM_NL__2PRFIN20060314_123559_000000372046_00009_21105_8202.N1 | 14-MAR-2006 12:35:59 | Bright     | 37.000 | 66  | 37Gam Cyg | 2.2080    | 5900.0 | 74  | 21105 | No |
| 109 | GOM_NL__2PRFIN20060314_123740_000000362046_00009_21105_8203.N1 | 14-MAR-2006 12:37:40 | Bright     | 36.000 | 92  | 53Eps Cyg | 2.5000    | 4500.0 | 72  | 21105 | No |
| 110 | GOM_NL__2PRFIN20060314_124554_000000502046_00009_21105_8204.N1 | 14-MAR-2006 12:45:54 | Twilight   | 50.000 | 11  | 53Alp Aql | 0.76500   | 8000.0 | 100 | 21105 | No |
| 111 | GOM_NL__2PRFIN20060314_125555_000000432046_00009_21105_8205.N1 | 14-MAR-2006 12:55:55 | Dark       | 42.500 | 155 | 41Pi Sgr  | 2.9000    | 6600.0 | 85  | 21105 | No |
| 112 | GOM_NL__2PRFIN20060314_125756_000000442046_00009_21105_8206.N1 | 14-MAR-2006 12:57:56 | Dark       | 44.000 | 57  | 34Sig Sgr | 2.0660    | 26000. | 88  | 21105 | No |
| 113 | GOM_NL__2PRFIN20060314_130121_000000452046_00009_21105_8207.N1 | 14-MAR-2006 13:01:21 | Dark       | 45.000 | 38  | 20Eps Sgr | 1.8360    | 11000. | 90  | 21105 | No |
| 114 | GOM_NL__2PRFIN20060314_130728_000000412046_00010_21106_8202.N1 | 14-MAR-2006 13:07:28 | Dark       | 41.000 | 141 | Bet Ara   | 2.8400    | 4600.0 | 82  | 21106 | No |
| 115 | GOM_NL__2PRFIN20060314_131114_000000402046_00010_21106_8203.N1 | 14-MAR-2006 13:11:14 | Dark       | 39.500 | 134 | Bet TrA   | 2.8100    | 6600.0 | 79  | 21106 | No |
| 116 | GOM_NL__2PRFIN20060314_131357_000000442046_00010_21106_8204.N1 | 14-MAR-2006 13:13:57 | Dark       | 43.500 | 4   | Alp1Cen   | -0.010000 | 5800.0 | 87  | 21106 | No |
| 117 | GOM_NL__2PRFIN20060314_131511_000000432046_00010_21106_8205.N1 | 14-MAR-2006 13:15:11 | Dark       | 43.000 | 10  | Bet Cen   | 0.61000   | 28000. | 86  | 21106 | No |
| 118 | GOM_NL__2PRFIN20060314_131728_000000382046_00010_21106_8206.N1 | 14-MAR-2006 13:17:28 | Dark       | 38.000 | 20  | Bet Cru   | 1.2530    | 30000. | 76  | 21106 | No |
| 119 | GOM_NL__2PRFIN20060314_132009_000000412046_00010_21106_8207.N1 | 14-MAR-2006 13:20:09 | Straylight | 40.500 | 64  | Gam Cen   | 2.2000    | 10600. | 81  | 21106 | No |
| 120 | GOM_NL__2PRFIN20060314_134003_000000382046_00010_21106_8208.N1 | 14-MAR-2006 13:40:03 | Bright     | 38.000 | 22  | 32Alp Leo | 1.3600    | 15200. | 76  | 21106 | No |
| 121 | GOM_NL__2PRFIN20060314_134220_000000392046_00010_21106_8209.N1 | 14-MAR-2006 13:42:20 | Bright     | 39.000 | 51  | 41Gam1Leo | 2.0100    | 4500.0 | 78  | 21106 | No |
| 122 | GOM_NL__2PRFIN20060314_135013_000000392046_00010_21106_8210.N1 | 14-MAR-2006 13:50:13 | Bright     | 38.500 | 174 | 52Psi UMa | 3.0040    | 4400.0 | 77  | 21106 | No |
| 123 | GOM_NL__2PRFIN20060314_135322_000000372046_00010_21106_8211.N1 | 14-MAR-2006 13:53:22 | Bright     | 36.500 | 82  | 48Bet UMa | 2.3650    | 10600. | 73  | 21106 | No |
| 124 | GOM_NL__2PRFIN20060314_135451_000000402046_00010_21106_8212.N1 | 14-MAR-2006 13:54:51 | Bright     | 40.000 | 36  | 50Alp UMa | 1.8000    | 6300.0 | 80  | 21106 | No |
| 125 | GOM_NL__2PRFIN20060314_140209_000000372046_00010_21106_8213.N1 | 14-MAR-2006 14:02:09 | Bright     | 36.500 | 49  | 1Alp UMi  | 1.9900    | 6300.0 | 73  | 21106 | No |
| 126 | GOM_NL__2PRFIN20060314_140954_000000362046_00010_21106_8214.N1 | 14-MAR-2006 14:09:54 | Bright     | 35.500 | 89  | 5Alp Cep  | 2.4510    | 8000.0 | 71  | 21106 | No |
| 127 | GOM_NL__2PRFIN20060314_141501_000000382046_00010_21106_8215.N1 | 14-MAR-2006 14:15:01 | Bright     | 38.000 | 19  | 50Alp Cyg | 1.2460    | 10500. | 76  | 21106 | No |
| 128 | GOM_NL__2PRFIN20060314_141635_000000362046_00010_21106_8216.N1 | 14-MAR-2006 14:16:35 | Bright     | 36.000 | 66  | 37Gam Cyg | 2.2080    | 5900.0 | 72  | 21106 | No |
| 129 | GOM_NL__2PRFIN20060314_141816_000000362046_00010_21106_8217.N1 | 14-MAR-2006 14:18:16 | Bright     | 36.000 | 92  | 53Eps Cyg | 2.5000    | 4500.0 | 72  | 21106 | No |
| 130 | GOM_NL__2PRFIN20060314_142630_000000482046_00010_21106_8218.N1 | 14-MAR-2006 14:26:30 | Twilight   | 48.000 | 11  | 53Alp Aql | 0.76500   | 8000.0 | 96  | 21106 | No |
| 131 | GOM_NL__2PRFIN20060314_143632_000000472046_00010_21106_8219.N1 | 14-MAR-2006 14:36:32 | Dark       | 46.500 | 155 | 41Pi Sgr  | 2.9000    | 6600.0 | 93  | 21106 | No |
| 132 | GOM_NL__2PRFIN20060314_143832_000000432046_00010_21106_8220.N1 | 14-MAR-2006 14:38:32 | Dark       | 43.000 | 57  | 34Sig Sgr | 2.0660    | 26000. | 86  | 21106 | No |
| 133 | GOM_NL__2PRFIN20060314_144158_000000512046_00010_21106_8221.N1 | 14-MAR-2006 14:41:58 | Dark       | 50.500 | 38  | 20Eps Sgr | 1.8360    | 11000. | 101 | 21106 | No |
| 134 | GOM_NL__2PRFIN20060314_144805_000000422046_00011_21107_8203.N1 | 14-MAR-2006 14:48:05 | Dark       | 41.500 | 141 | Bet Ara   | 2.8400    | 4600.0 | 83  | 21107 | No |
| 135 | GOM_NL__2PRFIN20060314_145150_000000392046_00011_21107_8204.N1 | 14-MAR-2006 14:51:50 | Dark       | 38.500 | 134 | Bet TrA   | 2.8100    | 6600.0 | 77  | 21107 | No |
| 136 | GOM_NL__2PRFIN20060314_145434_000000452046_00011_21107_8205.N1 | 14-MAR-2006 14:54:34 | Dark       | 44.500 | 4   | Alp1Cen   | -0.010000 | 5800.0 | 89  | 21107 | No |
| 137 | GOM_NL__2PRFIN20060314_145548_000000412046_00011_21107_8206.N1 | 14-MAR-2006 14:55:48 | Dark       | 40.500 | 10  | Bet Cen   | 0.61000   | 28000. | 81  | 21107 | No |
| 138 | GOM_NL__2PRFIN20060314_145804_000000422046_00011_21107_8207.N1 | 14-MAR-2006 14:58:04 | Dark       | 41.500 | 20  | Bet Cru   | 1.2530    | 30000. | 83  | 21107 | No |
| 139 | GOM_NL__2PRFIN20060314_150046_000000412046_00011_21107_8208.N1 | 14-MAR-2006 15:00:46 | Straylight | 41.000 | 64  | Gam Cen   | 2.2000    | 10600. | 82  | 21107 | No |
| 140 | GOM_NL__2PRFIN20060314_152039_000000392046_00011_21107_8209.N1 | 14-MAR-2006 15:20:39 | Bright     | 38.500 | 22  | 32Alp Leo | 1.3600    | 15200. | 77  | 21107 | No |
| 141 | GOM_NL__2PRFIN20060314_152256_000000382046_00011_21107_8210.N1 | 14-MAR-2006 15:22:56 | Bright     | 38.000 | 51  | 41Gam1Leo | 2.0100    | 4500.0 | 76  | 21107 | No |
| 142 | GOM_NL__2PRFIN20060314_153049_000000402046_00011_21107_8211.N1 | 14-MAR-2006 15:30:49 | Bright     | 39.500 | 174 | 52Psi UMa | 3.0040    | 4400.0 | 79  | 21107 | No |
| 143 | GOM_NL__2PRFIN20060314_153358_000000372046_00011_21107_8212.N1 | 14-MAR-2006 15:33:58 | Bright     | 37.000 | 82  | 48Bet UMa | 2.3650    | 10600. | 74  | 21107 | No |
| 144 | GOM_NL__2PRFIN20060314_153527_000000392046_00011_21107_8213.N1 | 14-MAR-2006 15:35:27 | Bright     | 38.500 | 36  | 50Alp UMa | 1.8000    | 6300.0 | 77  | 21107 | No |
| 145 | GOM_NL__2PRFIN20060314_154245_000000362046_00011_21107_8214.N1 | 14-MAR-2006 15:42:45 | Bright     | 35.500 | 49  | 1Alp UMi  | 1.9900    | 6300.0 | 71  | 21107 | No |
| 146 | GOM_NL__2PRFIN20060314_155030_000000362046_00011_21107_8215.N1 | 14-MAR-2006 15:50:30 | Bright     | 36.000 | 89  | 5Alp Cep  | 2.4510    | 8000.0 | 72  | 21107 | No |
| 147 | GOM_NL__2PRFIN20060314_155537_000000342046_00011_21107_8216.N1 | 14-MAR-2006 15:55:37 | Bright     | 34.000 | 19  | 50Alp Cyg | 1.2460    | 10500. | 68  | 21107 | No |
| 148 | GOM_NL__2PRFIN20060314_155711_000000352046_00011_21107_8217.N1 | 14-MAR-2006 15:57:11 | Bright     | 34.500 | 66  | 37Gam Cyg | 2.2080    | 5900.0 | 69  | 21107 | No |
| 149 | GOM_NL__2PRFIN20060314_155853_000000352046_00011_21107_8218.N1 | 14-MAR-2006 15:58:53 | Bright     | 35.000 | 92  | 53Eps Cyg | 2.5000    | 4500.0 | 70  | 21107 | No |
| 150 | GOM_NL__2PRFIN20060314_160706_000000512046_00011_21107_8219.N1 | 14-MAR-2006 16:07:06 | Twilight   | 50.500 | 11  | 53Alp Aql | 0.76500   | 8000.0 | 101 | 21107 | No |
| 151 | GOM_NL__2PRFIN20060314_161708_000000452046_00011_21107_8220.N1 | 14-MAR-2006 16:17:08 | Dark       | 44.500 | 155 | 41Pi Sgr  | 2.9000    | 6600.0 | 89  | 21107 | No |
| 152 | GOM_NL__2PRFIN20060314_161909_000000482046_00011_21107_8221.N1 | 14-MAR-2006 16:19:09 | Dark       | 48.000 | 57  | 34Sig Sgr | 2.0660    | 26000. | 96  | 21107 | No |
| 153 | GOM_NL__2PRFIN20060314_162235_000000442046_00011_21107_8222.N1 | 14-MAR-2006 16:22:35 | Dark       | 43.500 | 38  | 20Eps Sgr | 1.8360    | 11000. | 87  | 21107 | No |
| 154 | GOM_NL__2PRFIN20060314_162841_000000432046_00012_21108_8204.N1 | 14-MAR-2006 16:28:41 | Dark       | 43.000 | 141 | Bet Ara   | 2.8400    | 4600.0 | 86  | 21108 | No |
| 155 | GOM_NL__2PRFIN20060314_163227_000000392046_00012_21108_8205.N1 | 14-MAR-2006 16:32:27 | Dark       | 38.500 | 134 | Bet TrA   | 2.8100    | 6600.0 | 77  | 21108 | No |
| 156 | GOM_NL__2PRFIN20060314_163510_000000462046_00012_21108_8206.N1 | 14-MAR-2006 16:35:10 | Dark       | 45.500 | 4   | Alp1Cen   | -0.010000 | 5800.0 | 91  | 21108 | No |
| 157 | GOM_NL__2PRFIN20060314_163624_000000502046_00012_21108_8207.N1 | 14-MAR-2006 16:36:24 | Dark       | 49.500 | 10  | Bet Cen   | 0.61000   | 28000. | 99  | 21108 | No |
| 158 | GOM_NL__2PRFIN20060314_163841_000000412046_00012_21108_8208.N1 | 14-MAR-2006 16:38:41 | Dark       | 41.000 | 20  | Bet Cru   | 1.2530    | 30000. | 82  | 21108 | No |
| 159 | GOM_NL__2PRFIN20060314_164122_000000442046_00012_21108_8209.N1 | 14-MAR-2006 16:41:22 | Straylight | 44.000 | 64  | Gam Cen   | 2.2000    | 10600. | 88  | 21108 | No |
| 160 | GOM_NL__2PRFIN20060314_170115_000000392046_00012_21108_8210.N1 | 14-MAR-2006 17:01:15 | Bright     | 39.000 | 22  | 32Alp Leo | 1.3600    | 15200. | 78  | 21108 | No |

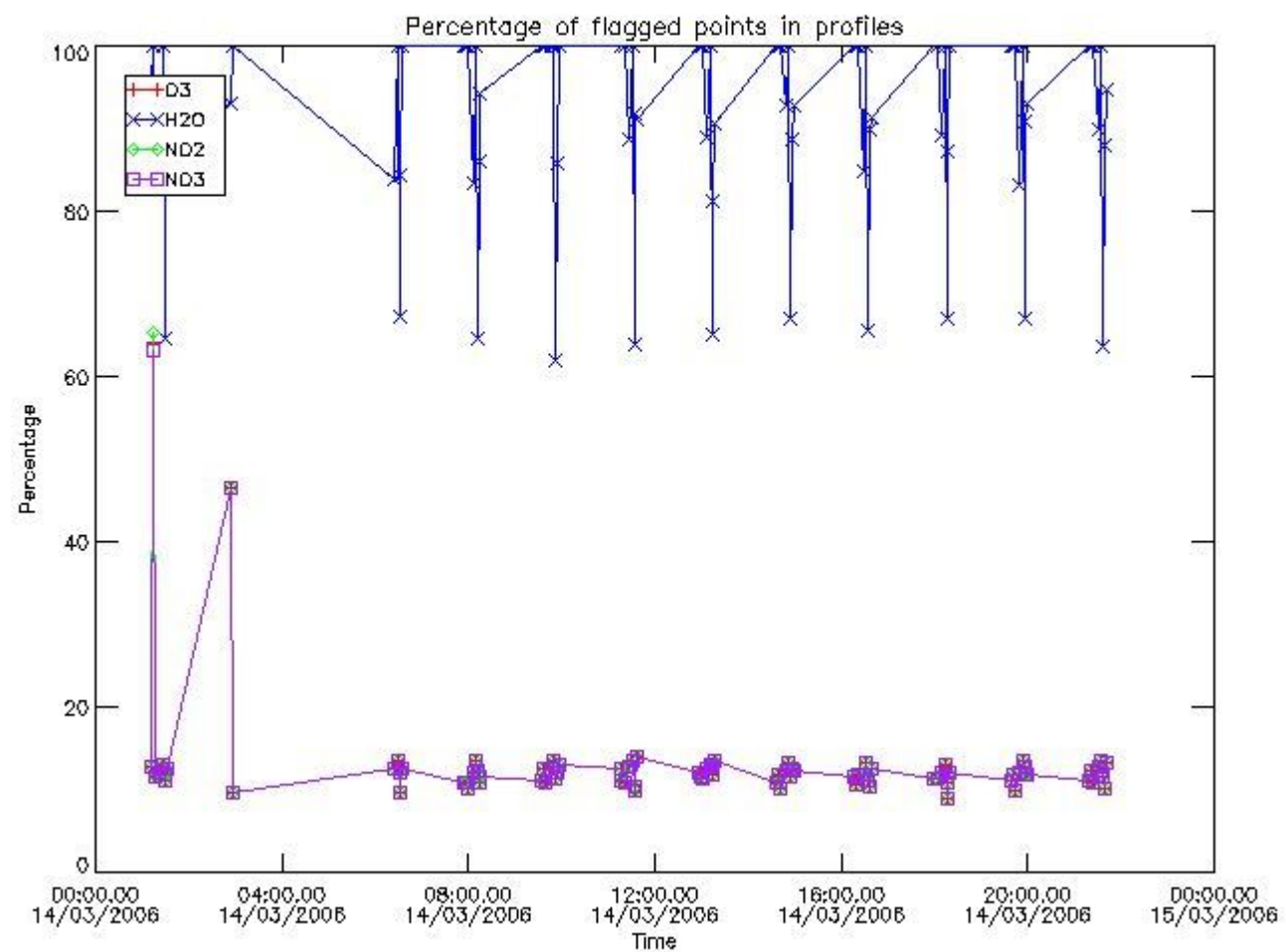
|     |  |                      |            |        |     |           |           |        |     |       |    |
|-----|--|----------------------|------------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20060314_170332_000000392046_00012_21108_8211.N1 | 14-MAR-2006 17:03:32 | Bright     | 38.500 | 51  | 41Gam1Leo | 2.0100    | 4500.0 | 77  | 21108 | No |
| 162 | GOM_NL__2PRFIN20060314_171124_000000402046_00012_21108_8212.N1 | 14-MAR-2006 17:11:24 | Bright     | 40.000 | 174 | 52Psi UMa | 3.0040    | 4400.0 | 80  | 21108 | No |
| 163 | GOM_NL__2PRFIN20060314_171433_000000382046_00012_21108_8213.N1 | 14-MAR-2006 17:14:33 | Bright     | 37.500 | 82  | 48Bet UMa | 2.3650    | 10600. | 75  | 21108 | No |
| 164 | GOM_NL__2PRFIN20060314_171602_000000392046_00012_21108_8214.N1 | 14-MAR-2006 17:16:02 | Bright     | 38.500 | 36  | 50Alp UMa | 1.8000    | 6300.0 | 77  | 21108 | No |
| 165 | GOM_NL__2PRFIN20060314_172321_000000382046_00012_21108_8215.N1 | 14-MAR-2006 17:23:21 | Bright     | 37.500 | 49  | 1Alp UMi  | 1.9900    | 6300.0 | 75  | 21108 | No |
| 166 | GOM_NL__2PRFIN20060314_173106_000000362046_00012_21108_8216.N1 | 14-MAR-2006 17:31:06 | Bright     | 35.500 | 89  | 5Alp Cep  | 2.4510    | 8000.0 | 71  | 21108 | No |
| 167 | GOM_NL__2PRFIN20060314_173613_000000342046_00012_21108_8217.N1 | 14-MAR-2006 17:36:13 | Bright     | 33.500 | 19  | 50Alp Cyg | 1.2460    | 10500. | 67  | 21108 | No |
| 168 | GOM_NL__2PRFIN20060314_173747_000000352046_00012_21108_8218.N1 | 14-MAR-2006 17:37:47 | Bright     | 35.000 | 66  | 37Gam Cyg | 2.2080    | 5900.0 | 70  | 21108 | No |
| 169 | GOM_NL__2PRFIN20060314_173929_000000352046_00012_21108_8219.N1 | 14-MAR-2006 17:39:29 | Bright     | 34.500 | 92  | 53Eps Cyg | 2.5000    | 4500.0 | 69  | 21108 | No |
| 170 | GOM_NL__2PRFIN20060314_174743_000000502046_00012_21108_8220.N1 | 14-MAR-2006 17:47:43 | Twilight   | 50.000 | 11  | 53Alp Aql | 0.76500   | 8000.0 | 100 | 21108 | No |
| 171 | GOM_NL__2PRFIN20060314_175745_000000452046_00012_21108_8221.N1 | 14-MAR-2006 17:57:45 | Dark       | 45.000 | 155 | 41Pi Sgr  | 2.9000    | 6600.0 | 90  | 21108 | No |
| 172 | GOM_NL__2PRFIN20060314_175946_000000452046_00012_21108_8222.N1 | 14-MAR-2006 17:59:46 | Dark       | 45.000 | 57  | 34Sig Sgr | 2.0660    | 26000. | 90  | 21108 | No |
| 173 | GOM_NL__2PRFIN20060314_180312_000000452046_00012_21108_8223.N1 | 14-MAR-2006 18:03:12 | Dark       | 45.000 | 38  | 20Eps Sgr | 1.8360    | 11000. | 90  | 21108 | No |
| 174 | GOM_NL__2PRFIN20060314_180918_000000422046_00013_21109_8225.N1 | 14-MAR-2006 18:09:18 | Dark       | 42.000 | 141 | Bet Ara   | 2.8400    | 4600.0 | 84  | 21109 | No |
| 175 | GOM_NL__2PRFIN20060314_181303_000000402046_00013_21109_8226.N1 | 14-MAR-2006 18:13:03 | Dark       | 39.500 | 134 | Bet TrA   | 2.8100    | 6600.0 | 79  | 21109 | No |
| 176 | GOM_NL__2PRFIN20060314_181547_000000572046_00013_21109_8227.N1 | 14-MAR-2006 18:15:47 | Dark       | 56.500 | 4   | Alp1Cen   | -0.010000 | 5800.0 | 113 | 21109 | No |
| 177 | GOM_NL__2PRFIN20060314_181701_000000482046_00013_21109_8228.N1 | 14-MAR-2006 18:17:01 | Dark       | 47.500 | 10  | Bet Cen   | 0.61000   | 28000. | 95  | 21109 | No |
| 178 | GOM_NL__2PRFIN20060314_181917_000000422046_00013_21109_8229.N1 | 14-MAR-2006 18:19:17 | Dark       | 42.000 | 20  | Bet Cru   | 1.2530    | 30000. | 84  | 21109 | No |
| 179 | GOM_NL__2PRFIN20060314_182159_000000432046_00013_21109_8230.N1 | 14-MAR-2006 18:21:59 | Straylight | 42.500 | 64  | Gam Cen   | 2.2000    | 10600. | 85  | 21109 | No |
| 180 | GOM_NL__2PRFIN20060314_184151_000000382046_00013_21109_8231.N1 | 14-MAR-2006 18:41:51 | Bright     | 38.000 | 22  | 32Alp Leo | 1.3600    | 15200. | 76  | 21109 | No |
| 181 | GOM_NL__2PRFIN20060314_184408_000000392046_00013_21109_8232.N1 | 14-MAR-2006 18:44:08 | Bright     | 38.500 | 51  | 41Gam1Leo | 2.0100    | 4500.0 | 77  | 21109 | No |
| 182 | GOM_NL__2PRFIN20060314_185200_000000392046_00013_21109_8233.N1 | 14-MAR-2006 18:52:00 | Bright     | 39.000 | 174 | 52Psi UMa | 3.0040    | 4400.0 | 78  | 21109 | No |
| 183 | GOM_NL__2PRFIN20060314_185509_000000382046_00013_21109_8234.N1 | 14-MAR-2006 18:55:09 | Bright     | 38.000 | 82  | 48Bet UMa | 2.3650    | 10600. | 76  | 21109 | No |
| 184 | GOM_NL__2PRFIN20060314_185638_000000412046_00013_21109_8235.N1 | 14-MAR-2006 18:56:38 | Bright     | 40.500 | 36  | 50Alp UMa | 1.8000    | 6300.0 | 81  | 21109 | No |
| 185 | GOM_NL__2PRFIN20060314_190357_000000362046_00013_21109_8236.N1 | 14-MAR-2006 19:03:57 | Bright     | 36.000 | 49  | 1Alp UMi  | 1.9900    | 6300.0 | 72  | 21109 | No |
| 186 | GOM_NL__2PRFIN20060314_191143_000000332046_00013_21109_8237.N1 | 14-MAR-2006 19:11:43 | Bright     | 32.500 | 89  | 5Alp Cep  | 2.4510    | 8000.0 | 65  | 21109 | No |
| 187 | GOM_NL__2PRFIN20060314_191649_000000372046_00013_21109_8238.N1 | 14-MAR-2006 19:16:49 | Bright     | 37.000 | 19  | 50Alp Cyg | 1.2460    | 10500. | 74  | 21109 | No |
| 188 | GOM_NL__2PRFIN20060314_191823_000000382046_00013_21109_8239.N1 | 14-MAR-2006 19:18:23 | Bright     | 38.000 | 66  | 37Gam Cyg | 2.2080    | 5900.0 | 76  | 21109 | No |
| 189 | GOM_NL__2PRFIN20060314_192005_000000372046_00013_21109_8240.N1 | 14-MAR-2006 19:20:05 | Bright     | 36.500 | 92  | 53Eps Cyg | 2.5000    | 4500.0 | 73  | 21109 | No |
| 190 | GOM_NL__2PRFIN20060314_192819_000000512046_00013_21109_8241.N1 | 14-MAR-2006 19:28:19 | Twilight   | 50.500 | 11  | 53Alp Aql | 0.76500   | 8000.0 | 101 | 21109 | No |
| 191 | GOM_NL__2PRFIN20060314_193822_000000462046_00013_21109_8242.N1 | 14-MAR-2006 19:38:22 | Dark       | 45.500 | 155 | 41Pi Sgr  | 2.9000    | 6600.0 | 91  | 21109 | No |
| 192 | GOM_NL__2PRFIN20060314_194023_000000442046_00013_21109_8243.N1 | 14-MAR-2006 19:40:23 | Dark       | 43.500 | 57  | 34Sig Sgr | 2.0660    | 26000. | 87  | 21109 | No |
| 193 | GOM_NL__2PRFIN20060314_194349_000000522046_00013_21109_8244.N1 | 14-MAR-2006 19:43:49 | Dark       | 52.000 | 38  | 20Eps Sgr | 1.8360    | 11000. | 104 | 21109 | No |
| 194 | GOM_NL__2PRFIN20060314_194955_000000422046_00014_21110_8225.N1 | 14-MAR-2006 19:49:55 | Dark       | 42.000 | 141 | Bet Ara   | 2.8400    | 4600.0 | 84  | 21110 | No |
| 195 | GOM_NL__2PRFIN20060314_195340_000000382046_00014_21110_8226.N1 | 14-MAR-2006 19:53:40 | Dark       | 38.000 | 134 | Bet TrA   | 2.8100    | 6600.0 | 76  | 21110 | No |
| 196 | GOM_NL__2PRFIN20060314_195623_000000432046_00014_21110_8227.N1 | 14-MAR-2006 19:56:23 | Dark       | 43.000 | 4   | Alp1Cen   | -0.010000 | 5800.0 | 86  | 21110 | No |
| 197 | GOM_NL__2PRFIN20060314_195737_000000442046_00014_21110_8228.N1 | 14-MAR-2006 19:57:37 | Dark       | 44.000 | 10  | Bet Cen   | 0.61000   | 28000. | 88  | 21110 | No |
| 198 | GOM_NL__2PRFIN20060314_195954_000000432046_00014_21110_8229.N1 | 14-MAR-2006 19:59:54 | Dark       | 43.000 | 20  | Bet Cru   | 1.2530    | 30000. | 86  | 21110 | No |
| 199 | GOM_NL__2PRFIN20060314_200235_000000402046_00014_21110_8230.N1 | 14-MAR-2006 20:02:35 | Straylight | 39.500 | 64  | Gam Cen   | 2.2000    | 10600. | 79  | 21110 | No |
| 200 | GOM_NL__2PRFIN20060314_202227_000000372046_00014_21110_8231.N1 | 14-MAR-2006 20:22:27 | Bright     | 37.000 | 22  | 32Alp Leo | 1.3600    | 15200. | 74  | 21110 | No |
| 201 | GOM_NL__2PRFIN20060314_202443_000000382046_00014_21110_8232.N1 | 14-MAR-2006 20:24:43 | Bright     | 37.500 | 51  | 41Gam1Leo | 2.0100    | 4500.0 | 75  | 21110 | No |
| 202 | GOM_NL__2PRFIN20060314_203236_000000392046_00014_21110_8233.N1 | 14-MAR-2006 20:32:36 | Bright     | 38.500 | 174 | 52Psi UMa | 3.0040    | 4400.0 | 77  | 21110 | No |
| 203 | GOM_NL__2PRFIN20060314_203545_000000392046_00014_21110_8234.N1 | 14-MAR-2006 20:35:45 | Bright     | 39.000 | 82  | 48Bet UMa | 2.3650    | 10600. | 78  | 21110 | No |
| 204 | GOM_NL__2PRFIN20060314_203714_000000392046_00014_21110_8235.N1 | 14-MAR-2006 20:37:14 | Bright     | 39.000 | 36  | 50Alp UMa | 1.8000    | 6300.0 | 78  | 21110 | No |
| 205 | GOM_NL__2PRFIN20060314_204433_000000352046_00014_21110_8236.N1 | 14-MAR-2006 20:44:33 | Bright     | 35.000 | 49  | 1Alp UMi  | 1.9900    | 6300.0 | 70  | 21110 | No |
| 206 | GOM_NL__2PRFIN20060314_205218_000000342046_00014_21110_8237.N1 | 14-MAR-2006 20:52:18 | Bright     | 33.500 | 89  | 5Alp Cep  | 2.4510    | 8000.0 | 67  | 21110 | No |
| 207 | GOM_NL__2PRFIN20060314_205725_000000362046_00014_21110_8238.N1 | 14-MAR-2006 20:57:25 | Bright     | 36.000 | 19  | 50Alp Cyg | 1.2460    | 10500. | 72  | 21110 | No |
| 208 | GOM_NL__2PRFIN20060314_205859_000000382046_00014_21110_8239.N1 | 14-MAR-2006 20:58:59 | Bright     | 38.000 | 66  | 37Gam Cyg | 2.2080    | 5900.0 | 76  | 21110 | No |
| 209 | GOM_NL__2PRFIN20060314_210041_000000372046_00014_21110_8240.N1 | 14-MAR-2006 21:00:41 | Bright     | 36.500 | 92  | 53Eps Cyg | 2.5000    | 4500.0 | 73  | 21110 | No |
| 210 | GOM_NL__2PRFIN20060314_210855_000000502046_00014_21110_8241.N1 | 14-MAR-2006 21:08:55 | Twilight   | 49.500 | 11  | 53Alp Aql | 0.76500   | 8000.0 | 99  | 21110 | No |
| 211 | GOM_NL__2PRFIN20060314_211859_000000462046_00014_21110_8242.N1 | 14-MAR-2006 21:18:59 | Dark       | 45.500 | 155 | 41Pi Sgr  | 2.9000    | 6600.0 | 91  | 21110 | No |
| 212 | GOM_NL__2PRFIN20060314_212100_000000462046_00014_21110_8243.N1 | 14-MAR-2006 21:21:00 | Dark       | 45.500 | 57  | 34Sig Sgr | 2.0660    | 26000. | 91  | 21110 | No |
| 213 | GOM_NL__2PRFIN20060314_212426_000000482046_00014_21110_8244.N1 | 14-MAR-2006 21:24:26 | Dark       | 47.500 | 38  | 20Eps Sgr | 1.8360    | 11000. | 95  | 21110 | No |
| 214 | GOM_NL__2PRFIN20060314_213031_000000402046_00015_21111_8227.N1 | 14-MAR-2006 21:30:31 | Dark       | 40.000 | 141 | Bet Ara   | 2.8400    | 4600.0 | 80  | 21111 | No |
| 215 | GOM_NL__2PRFIN20060314_213416_000000382046_00015_21111_8228.N1 | 14-MAR-2006 21:34:16 | Dark       | 38.000 | 134 | Bet TrA   | 2.8100    | 6600.0 | 76  | 21111 | No |
| 216 | GOM_NL__2PRFIN20060314_213700_000000452046_00015_21111_8229.N1 | 14-MAR-2006 21:37:00 | Dark       | 44.500 | 4   | Alp1Cen   | -0.010000 | 5800.0 | 89  | 21111 | No |
| 217 | GOM_NL__2PRFIN20060314_213814_000000502046_00015_21111_8230.N1 | 14-MAR-2006 21:38:14 | Dark       | 50.000 | 10  | Bet Cen   | 0.61000   | 28000. | 100 | 21111 | No |
| 218 | GOM_NL__2PRFIN20060314_214030_000000392046_00015_21111_8231.N1 | 14-MAR-2006 21:40:30 | Dark       | 38.500 | 20  | Bet Cru   | 1.2530    | 30000. | 77  | 21111 | No |
| 219 | GOM_NL__2PRFIN20060314_214311_000000442046_00015_21111_8232.N1 | 14-MAR-2006 21:43:11 | Straylight | 43.500 | 64  | Gam Cen   | 2.2000    | 10600. | 87  | 21111 | No |

|     |  |                      |                |        |     |           |         |        |     |       |    |
|-----|--|----------------------|----------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 220 | GOM_NL__2PRFIN20060314_220303_000000382046_00015_21111_8233.N1 | 14-MAR-2006 22:03:03 | Bright         | 37.500 | 22  | 32Alp Leo | 1.3600  | 15200. | 75  | 21111 | No |
| 221 | GOM_NL__2PRFIN20060314_220519_000000362046_00015_21111_8234.N1 | 14-MAR-2006 22:05:19 | Bright         | 35.500 | 51  | 41Gam1Leo | 2.0100  | 4500.0 | 71  | 21111 | No |
| 222 | GOM_NL__2PRFIN20060314_221311_000000372046_00015_21111_8235.N1 | 14-MAR-2006 22:13:11 | Bright         | 37.000 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 74  | 21111 | No |
| 223 | GOM_NL__2PRFIN20060314_221620_000000372046_00015_21111_8236.N1 | 14-MAR-2006 22:16:20 | Bright         | 37.000 | 82  | 48Bet UMa | 2.3650  | 10600. | 74  | 21111 | No |
| 224 | GOM_NL__2PRFIN20060314_221749_000000402046_00015_21111_8237.N1 | 14-MAR-2006 22:17:49 | Bright         | 39.500 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 79  | 21111 | No |
| 225 | GOM_NL__2PRFIN20060314_222509_000000352046_00015_21111_8238.N1 | 14-MAR-2006 22:25:09 | Bright         | 34.500 | 49  | 1Alp UMi  | 1.9900  | 6300.0 | 69  | 21111 | No |
| 226 | GOM_NL__2PRFIN20060314_223254_000000362046_00015_21111_8239.N1 | 14-MAR-2006 22:32:54 | Bright         | 35.500 | 89  | 5Alp Cep  | 2.4510  | 8000.0 | 71  | 21111 | No |
| 227 | GOM_NL__2PRFIN20060314_223801_000000352046_00015_21111_8240.N1 | 14-MAR-2006 22:38:01 | Bright         | 35.000 | 19  | 50Alp Cyg | 1.2460  | 10500. | 70  | 21111 | No |
| 228 | GOM_NL__2PRFIN20060314_223935_000000372046_00015_21111_8241.N1 | 14-MAR-2006 22:39:35 | Bright         | 36.500 | 66  | 37Gam Cyg | 2.2080  | 5900.0 | 73  | 21111 | No |
| 229 | GOM_NL__2PRFIN20060314_224117_000000352046_00015_21111_8242.N1 | 14-MAR-2006 22:41:17 | Bright         | 34.500 | 92  | 53Eps Cyg | 2.5000  | 4500.0 | 69  | 21111 | No |
| 230 | GOM_NL__2PRFIN20060314_224932_000000502046_00015_21111_8243.N1 | 14-MAR-2006 22:49:32 | Twilight_stray | 50.000 | 11  | 53Alp Aql | 0.76500 | 8000.0 | 100 | 21111 | No |

### 3. Quality information per product

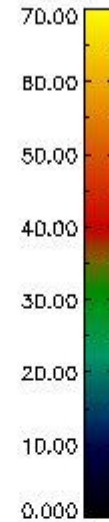
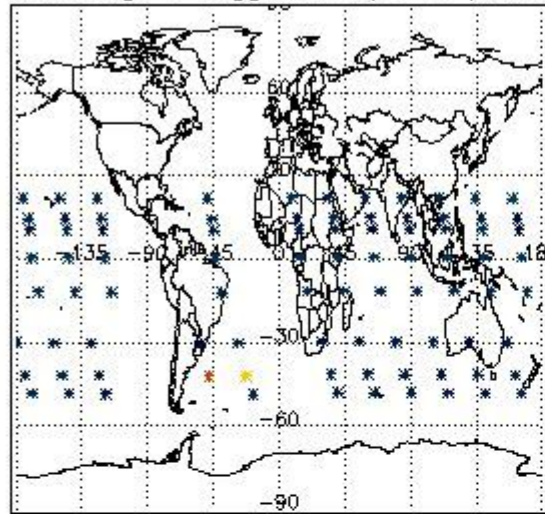
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

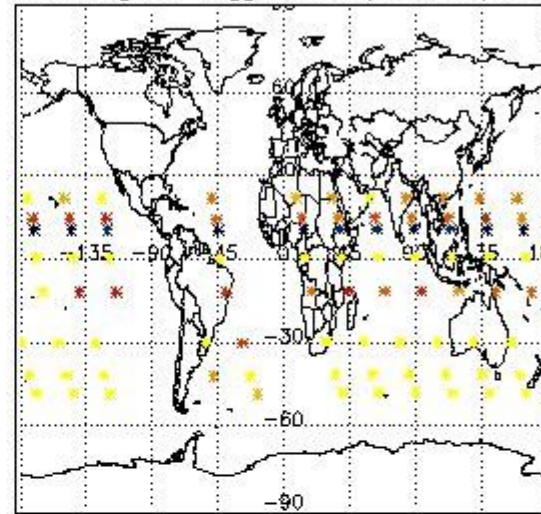


#### 3.2 Plot quality information per product (world map)

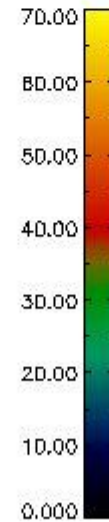
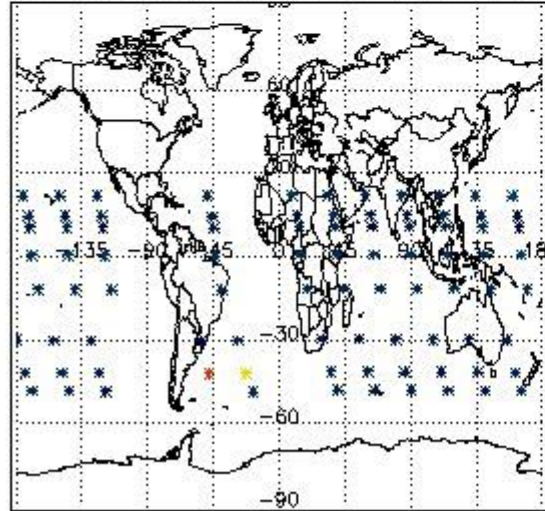
Percentage of flagged data per O3 profile



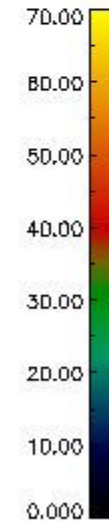
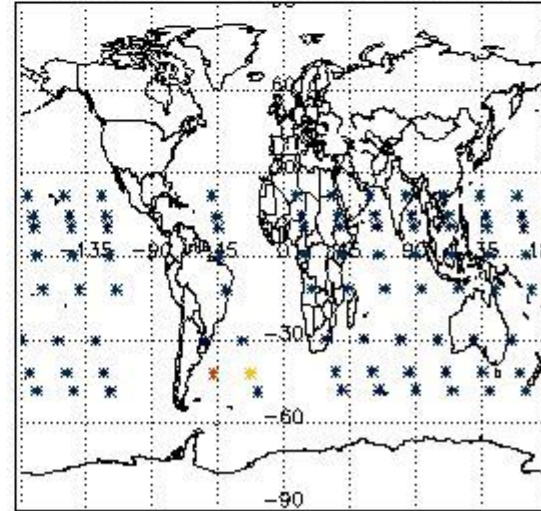
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

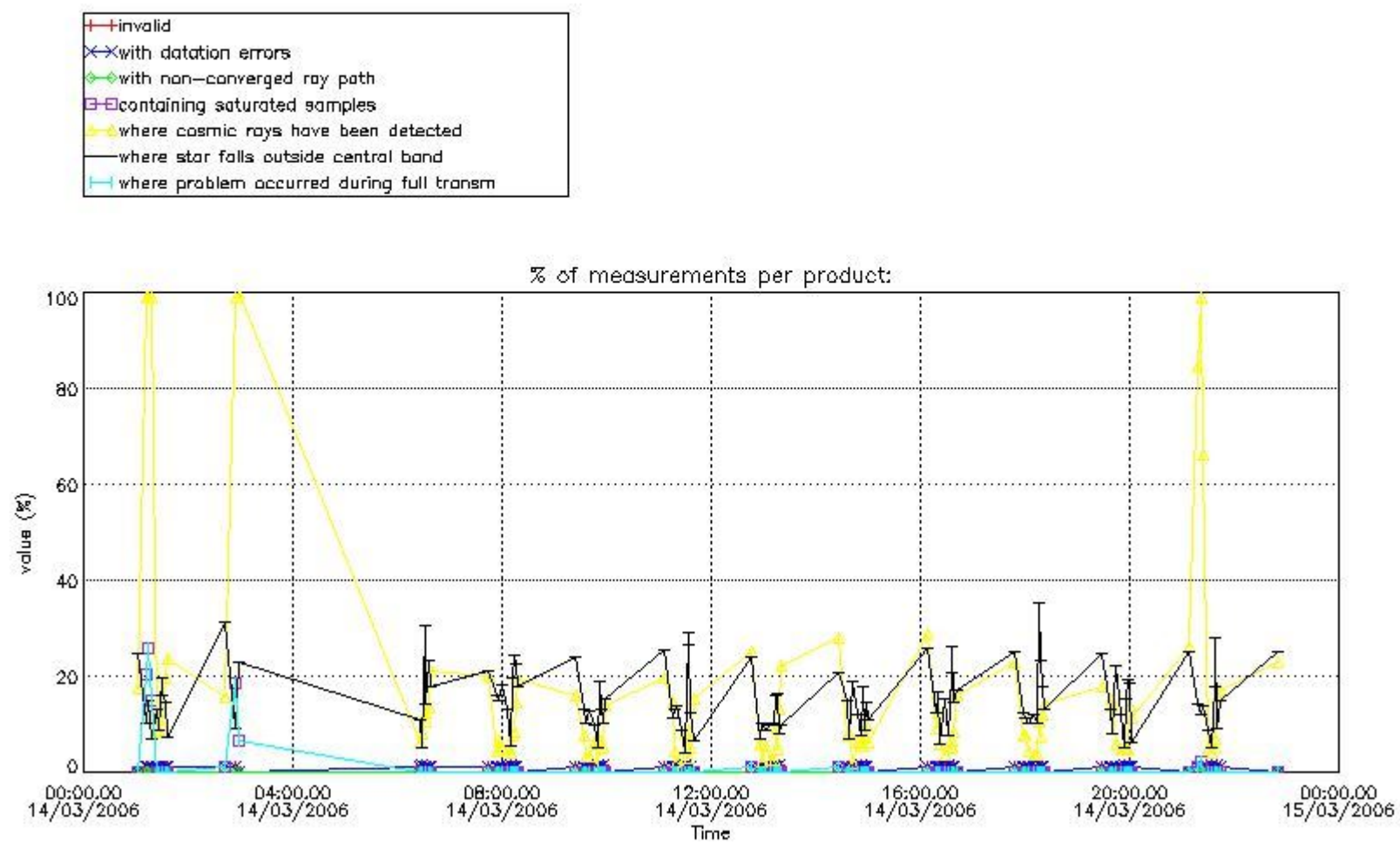


#### 4. Level 1 quality information per product

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.

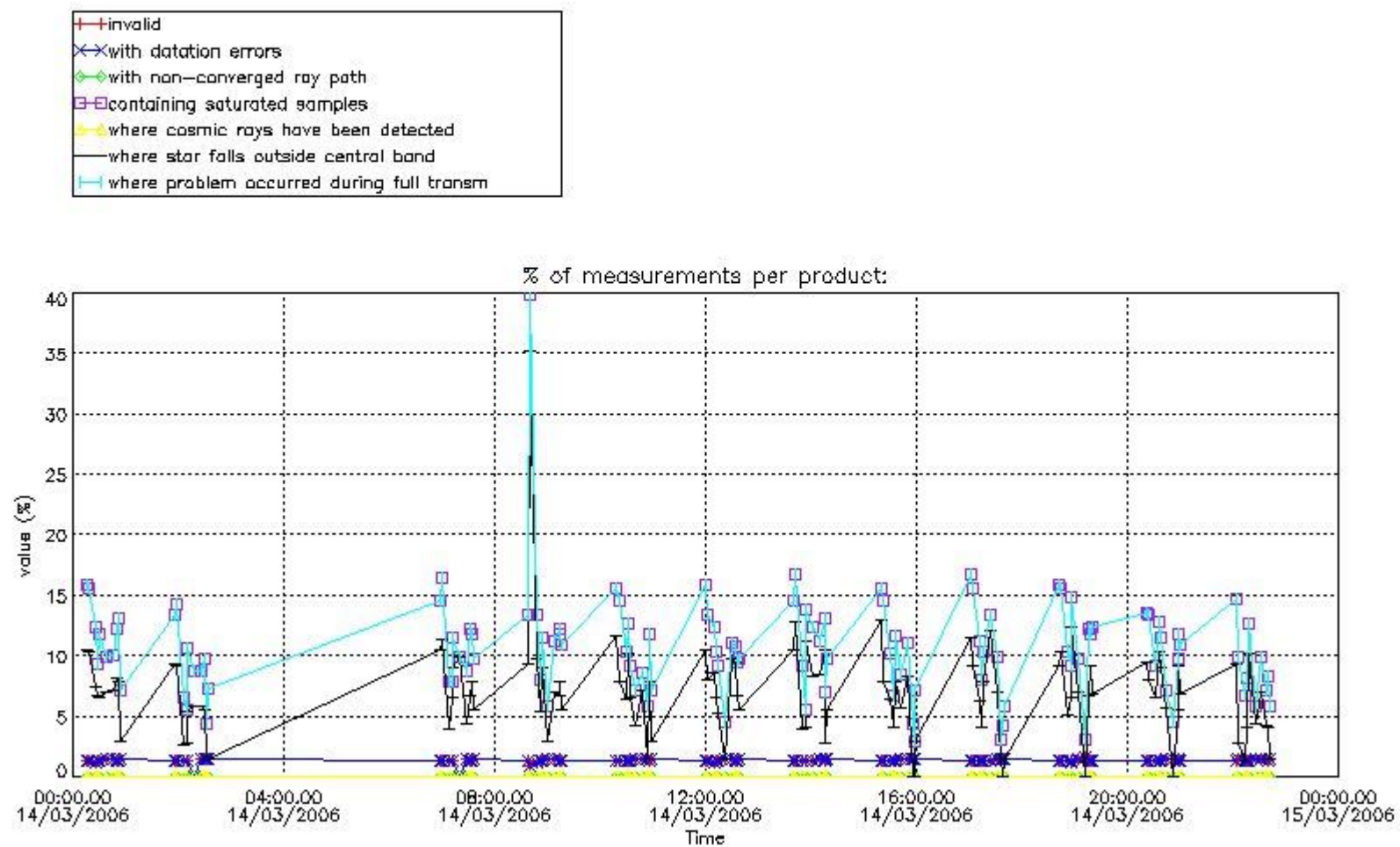
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

###### 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

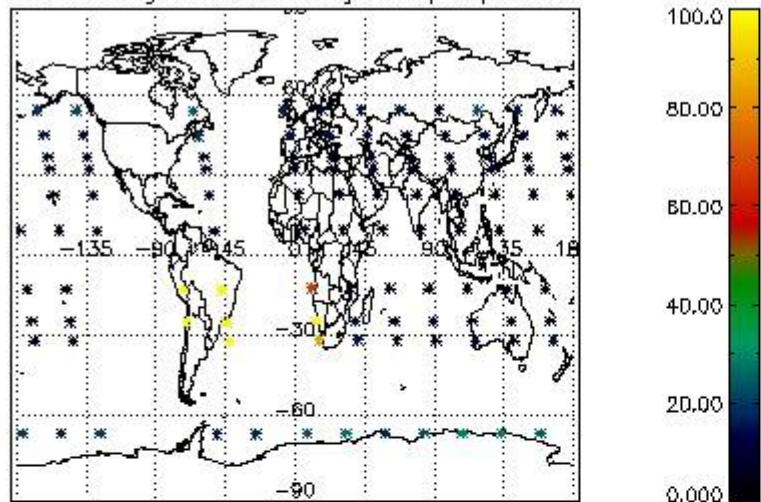




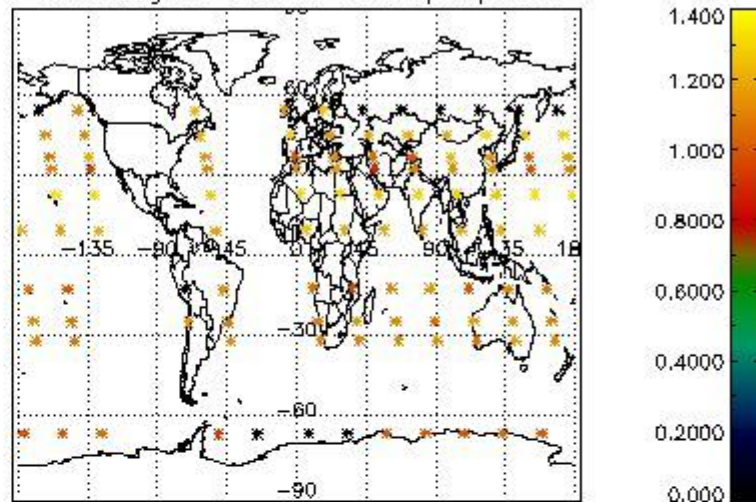
4.2 Plot quality information per product coming from level 1b processing (world map)

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

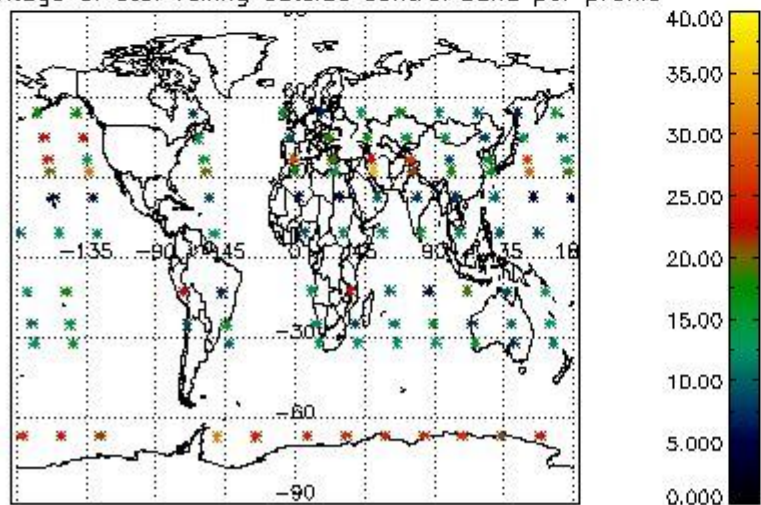
Percentage of cosmic ray hits per profile



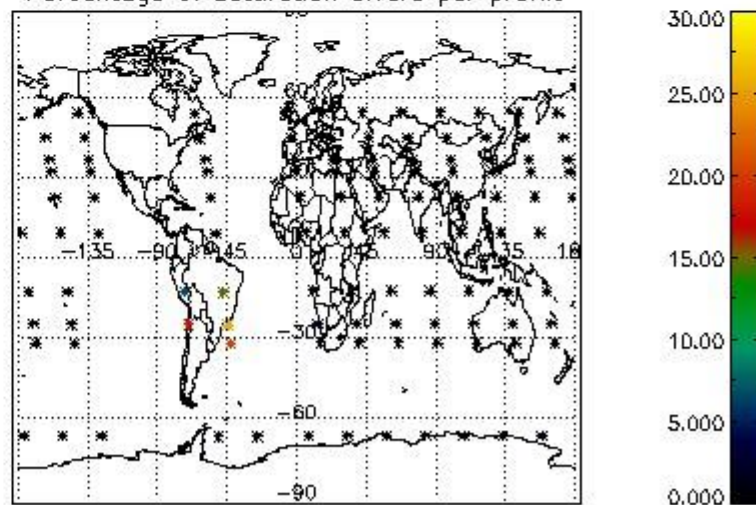
Percentage of datation errors per profile



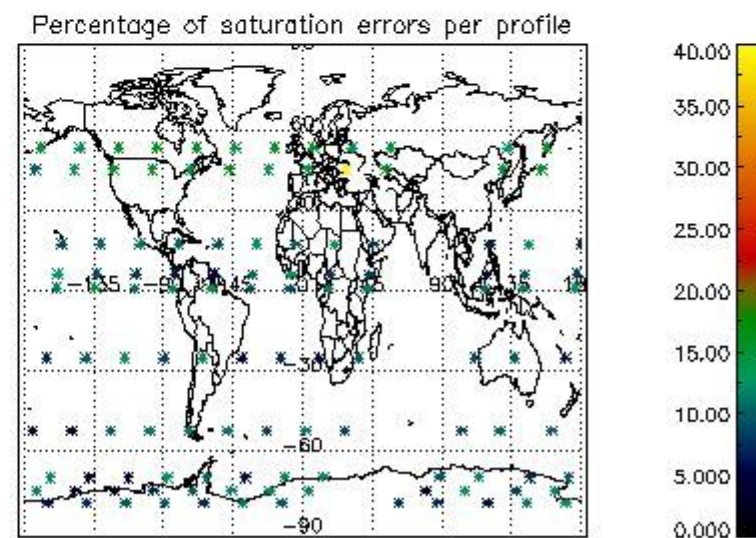
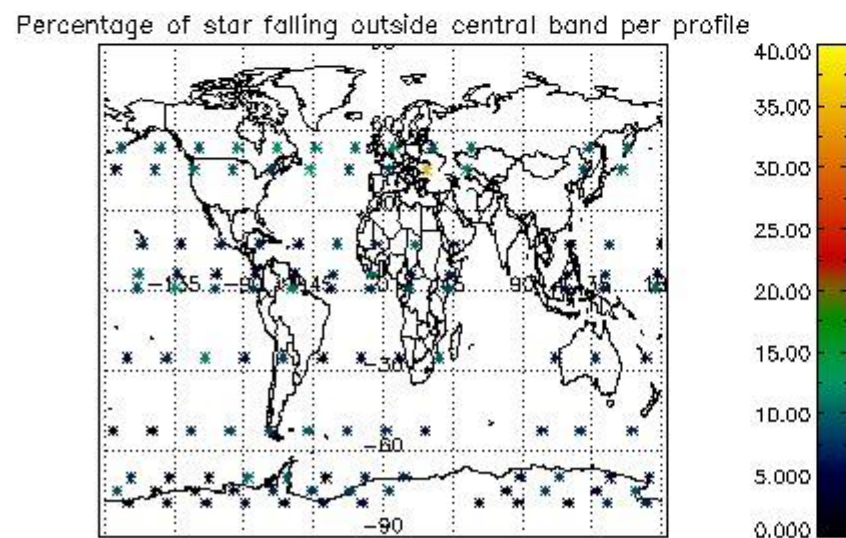
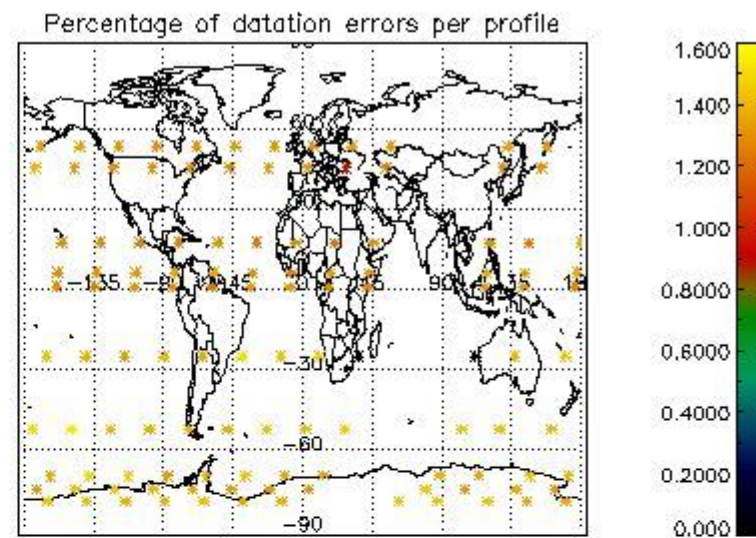
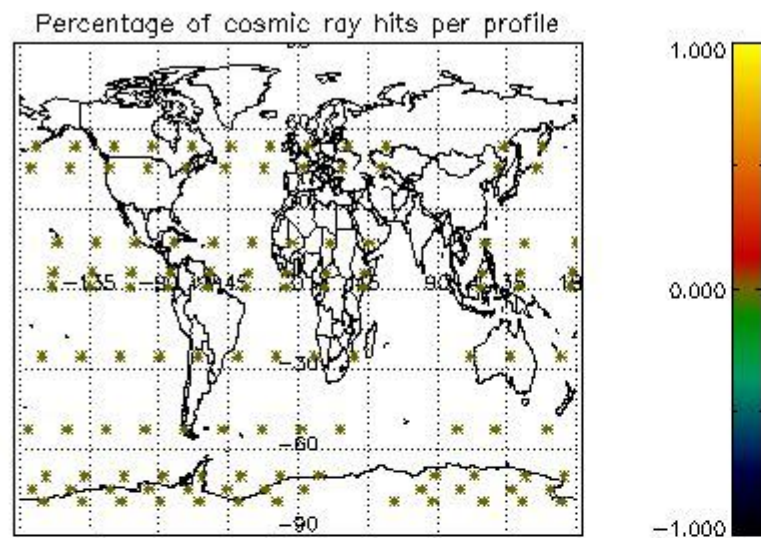
Percentage of star falling outside central band per profile



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

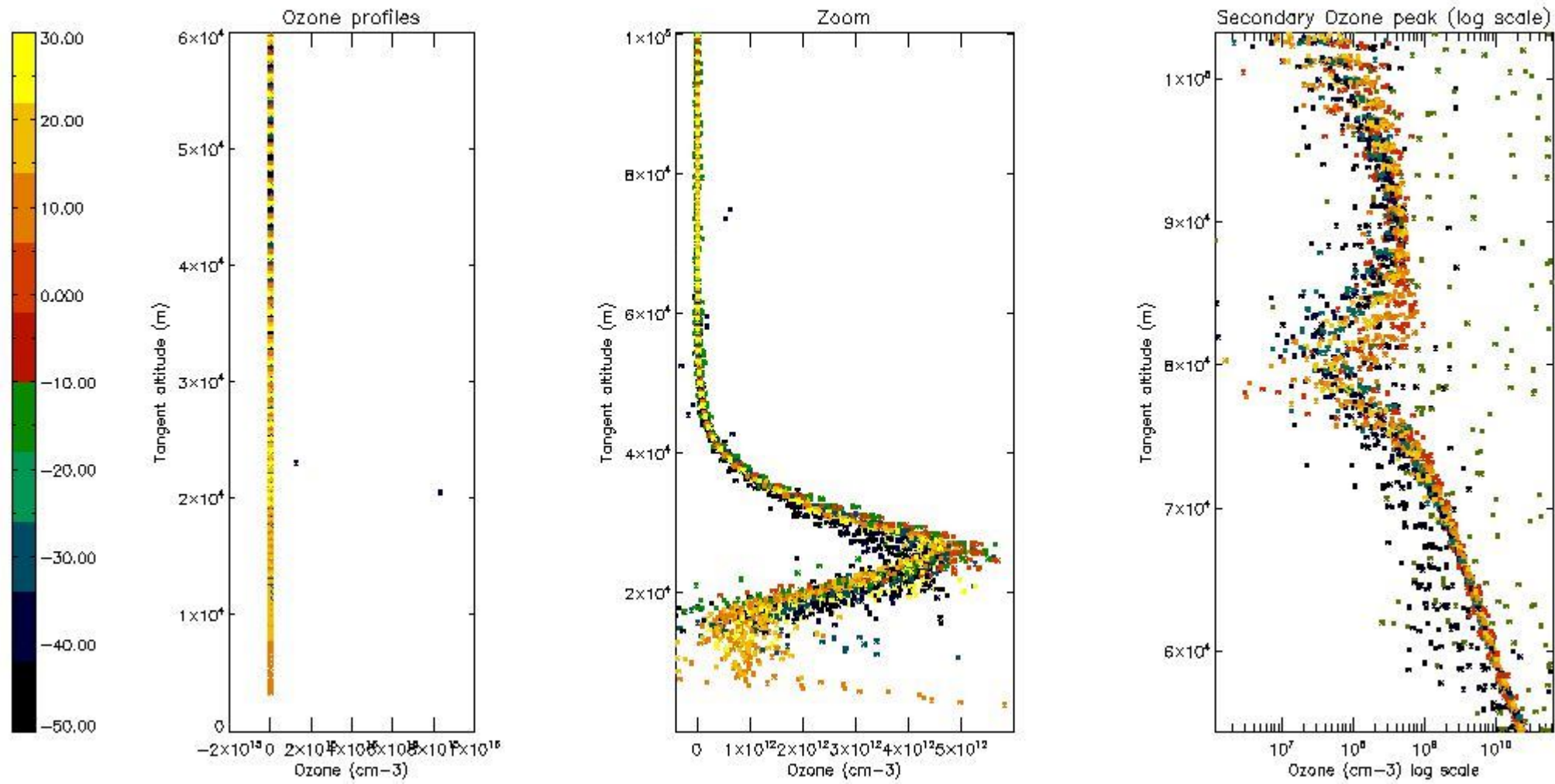
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD  | 42                    |
| STD < 20 | 24                    |

|          |    |
|----------|----|
| STD < 10 | 19 |
| STD < 5  | 14 |

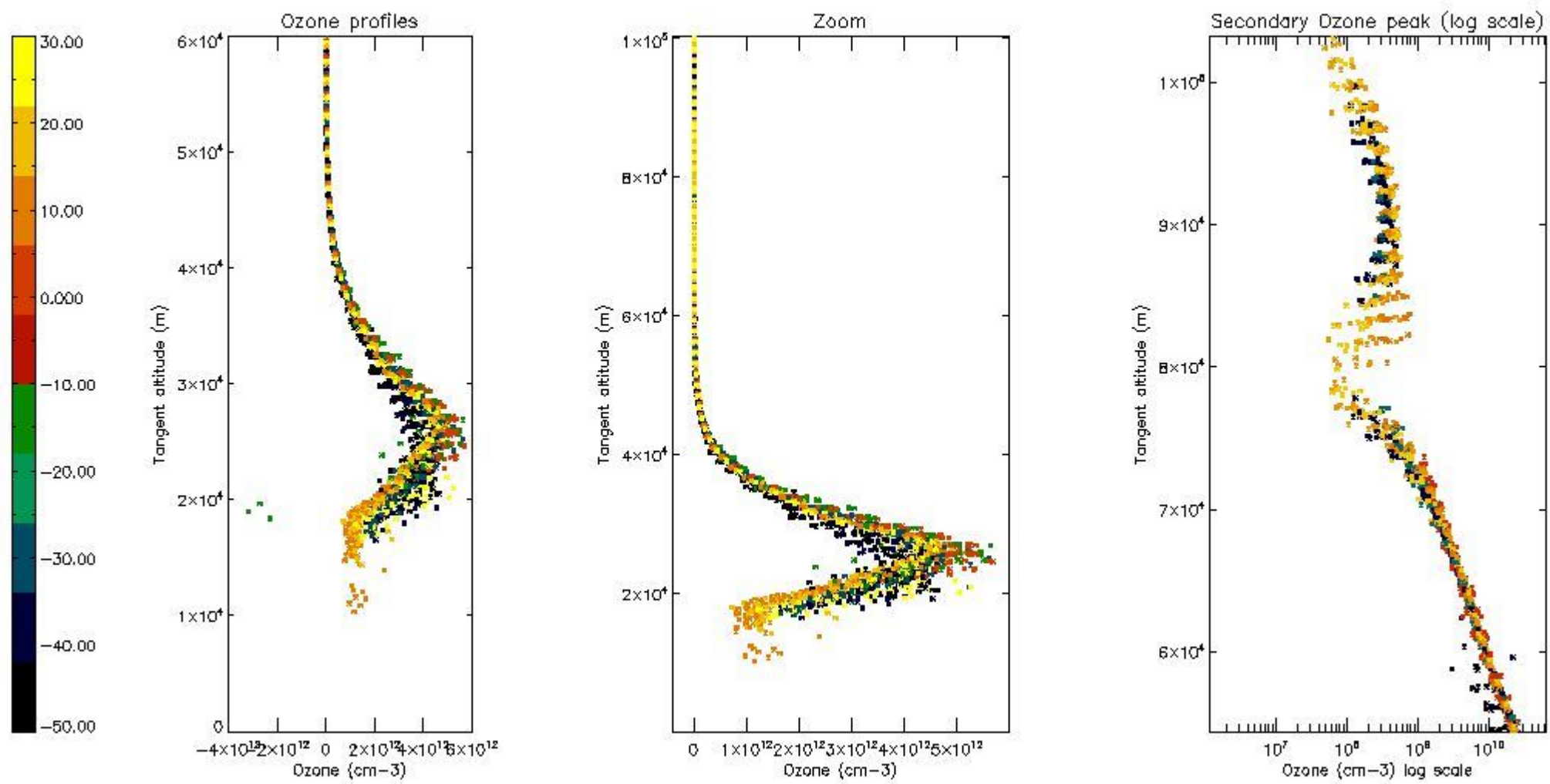
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



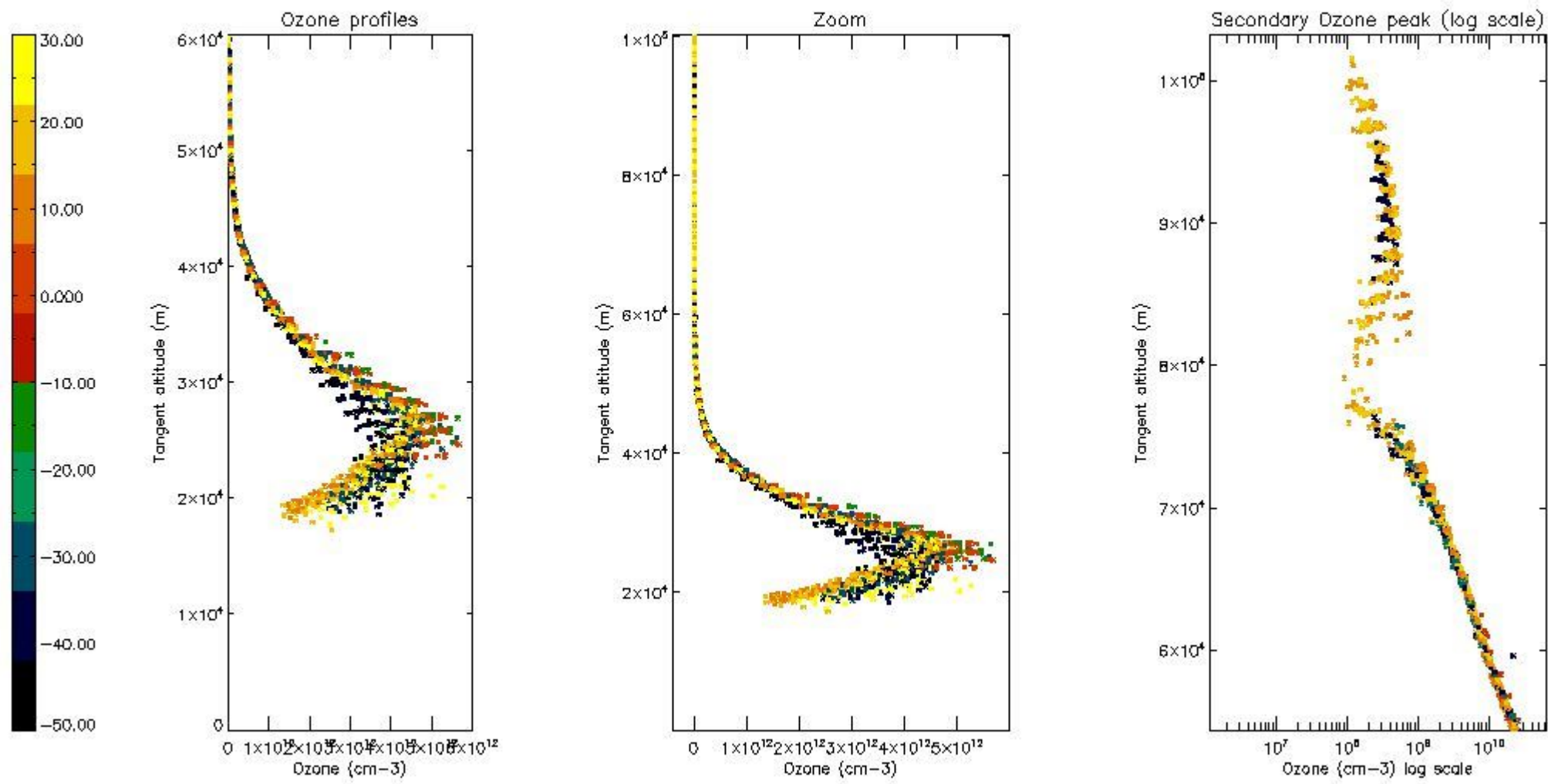
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



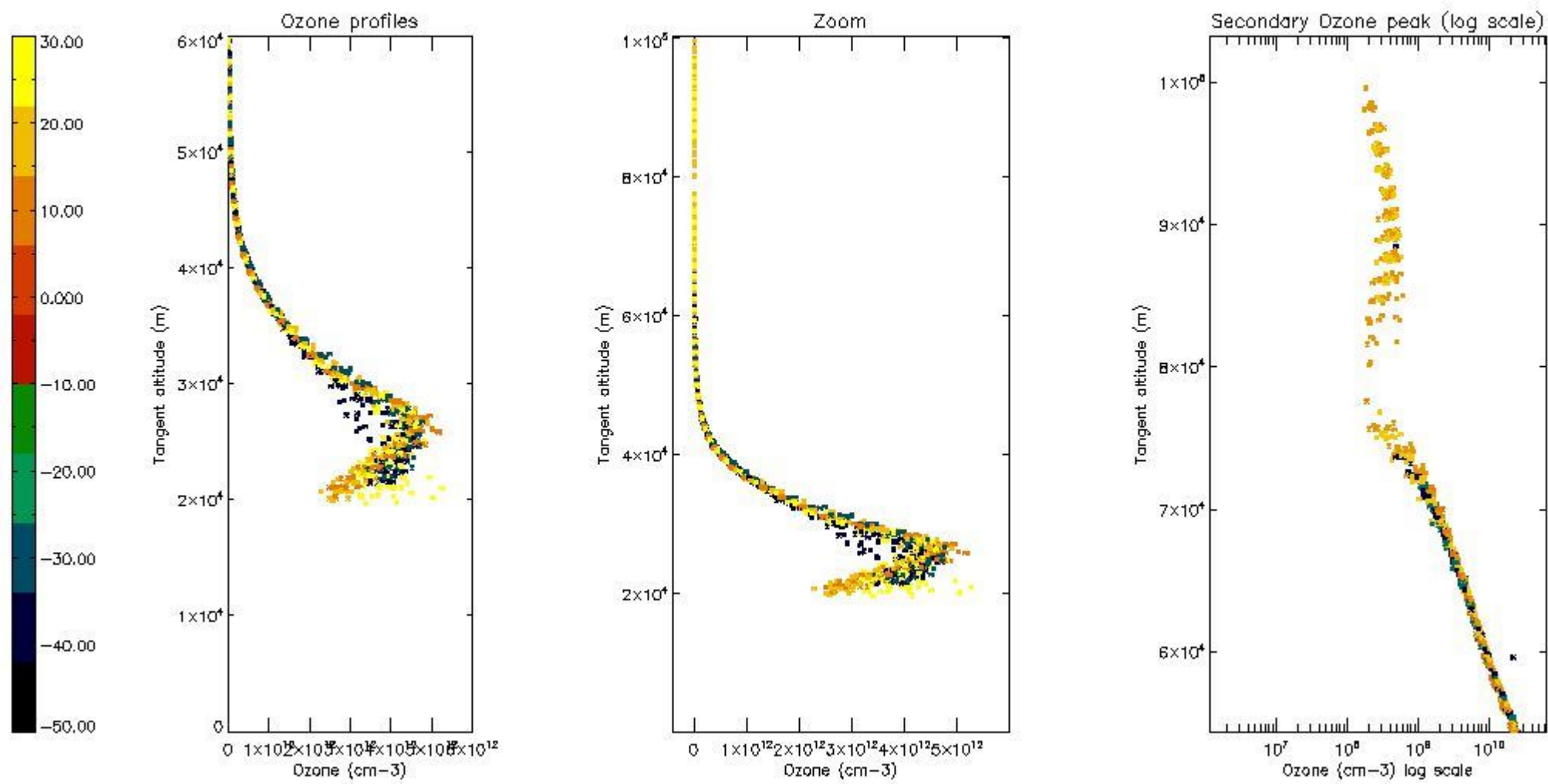
*5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)*

The colorbar represents the latitude.



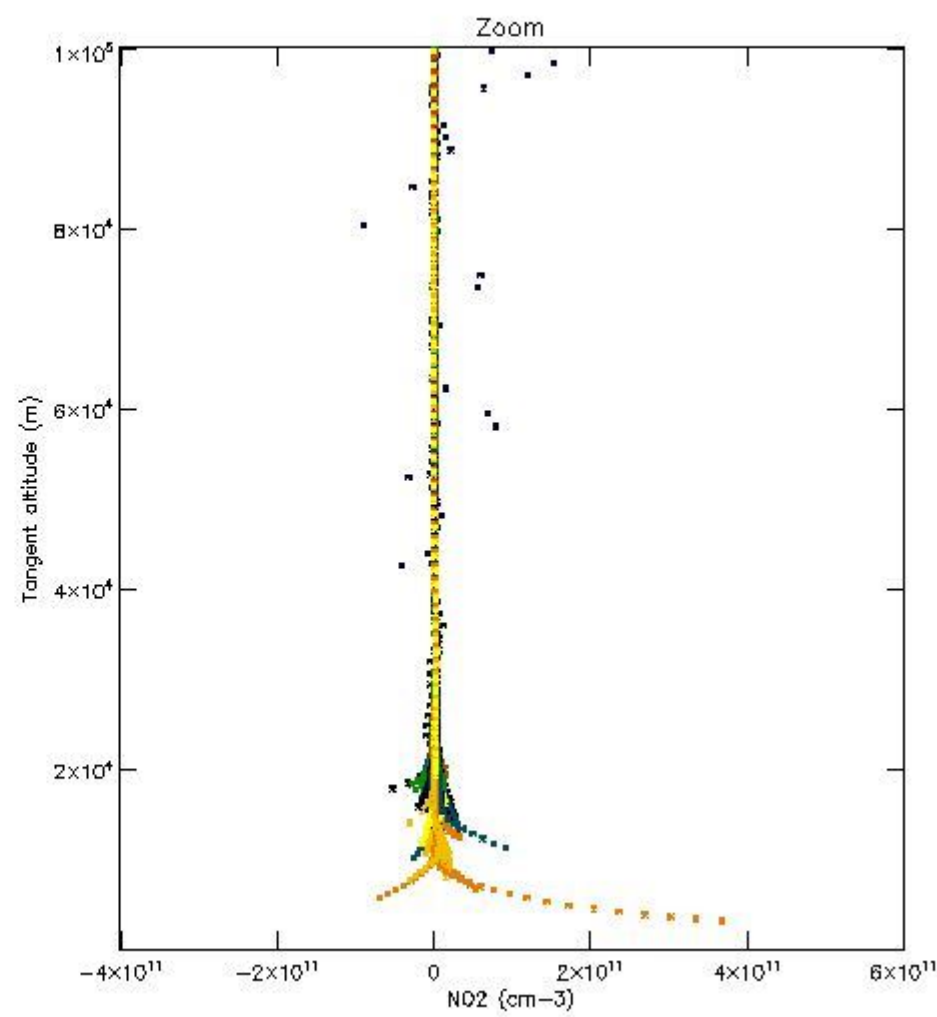
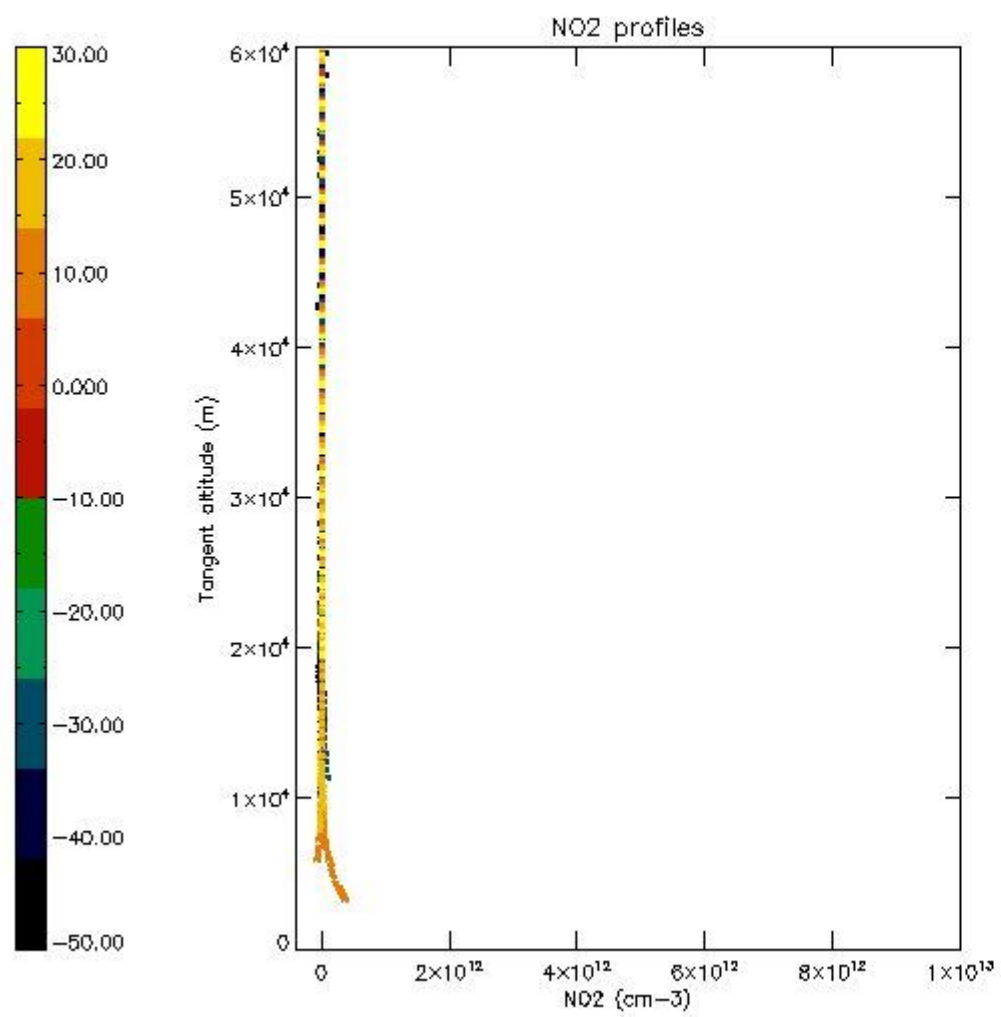
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



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

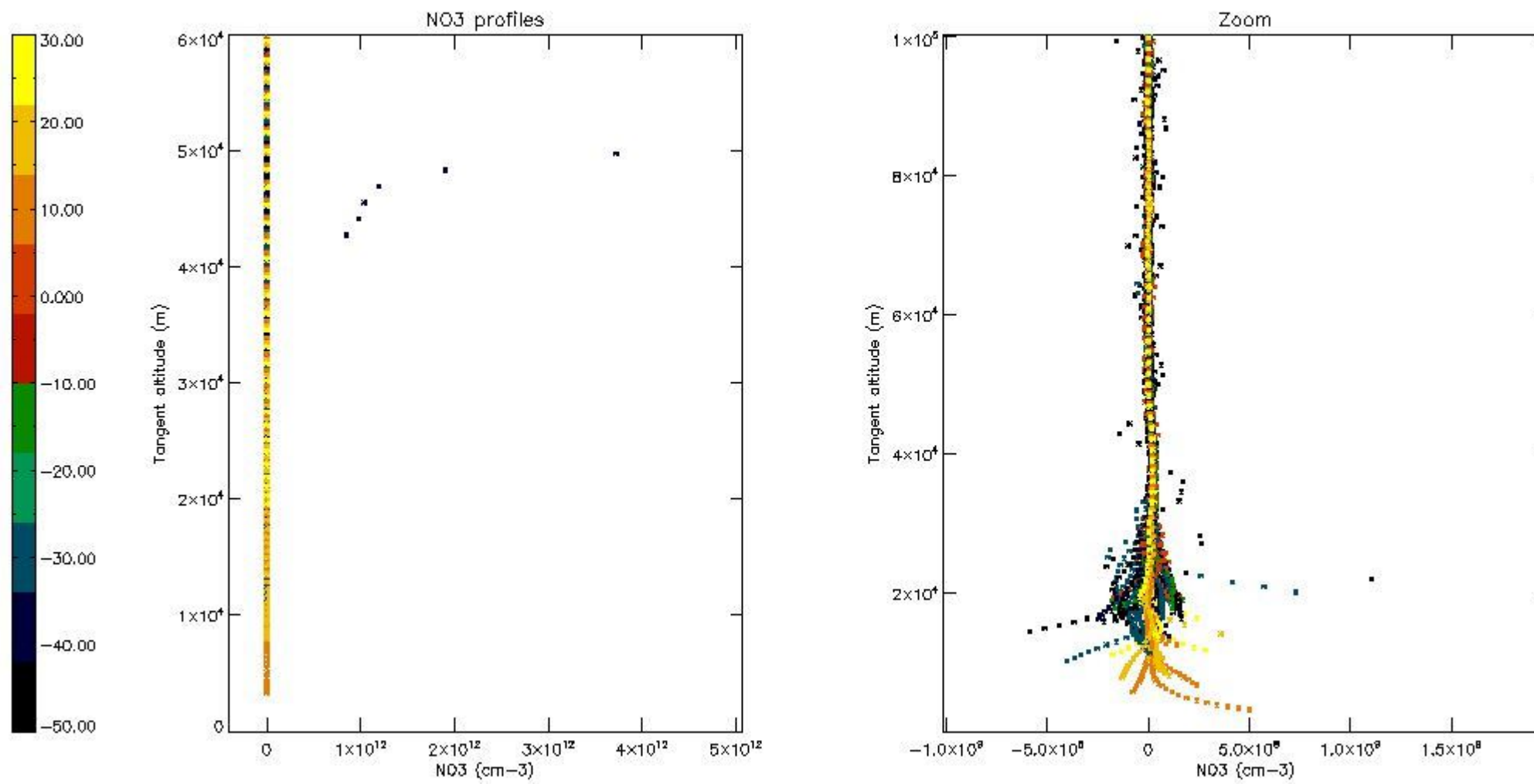
The colorbar represents the latitude.



*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                  | 14-MAR-2006 00:15:15    |
| LEVEL-2_PROC_CONFIG       | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1                  | 14-MAR-2006 00:15:15    |
| CROSS_SECTIONS_FILE       | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1                  | 14-MAR-2006 00:15:15    |

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

| Item                      | Value                           |
|---------------------------|---------------------------------|
| Time of report generation | 22APR2013 16:41:24              |
| Data source version       | GOMOS/6.01                      |
| Start time of products    | 14-03-2006 (14MAR2006 00:00:00) |
| Stop time of products     | 15-03-2006 (15MAR2006 00:00:00) |
| Store outputs in DB       | Yes                             |
| Nb of level 2 prods       | 230                             |
| 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__2PRFIN20060314_001515_000000382046_00002_21098_8189.N1 | 14-MAR-2006 00:15:15 | Bright     | 38.000   | 22      | 32Alp Leo | 1.3600    | 15200.    | 76      | 21098 | No          |
| 2  | GOM_NL__2PRFIN20060314_001733_000000392046_00002_21098_8190.N1 | 14-MAR-2006 00:17:33 | Bright     | 38.500   | 51      | 41Gam1Leo | 2.0100    | 4500.0    | 77      | 21098 | No          |
| 3  | GOM_NL__2PRFIN20060314_002529_000000412046_00002_21098_8191.N1 | 14-MAR-2006 00:25:29 | Bright     | 40.500   | 174     | 52Psi UMa | 3.0040    | 4400.0    | 81      | 21098 | No          |
| 4  | GOM_NL__2PRFIN20060314_002837_000000382046_00002_21098_8192.N1 | 14-MAR-2006 00:28:37 | Bright     | 37.500   | 82      | 48Bet UMa | 2.3650    | 10600.    | 75      | 21098 | No          |
| 5  | GOM_NL__2PRFIN20060314_003006_000000382046_00002_21098_8193.N1 | 14-MAR-2006 00:30:06 | Bright     | 38.000   | 36      | 50Alp UMa | 1.8000    | 6300.0    | 76      | 21098 | No          |
| 6  | GOM_NL__2PRFIN20060314_003721_000000362046_00002_21098_8194.N1 | 14-MAR-2006 00:37:21 | Bright     | 35.500   | 49      | 1Alp UMi  | 1.9900    | 6300.0    | 71      | 21098 | No          |
| 7  | GOM_NL__2PRFIN20060314_004506_000000352046_00002_21098_8195.N1 | 14-MAR-2006 00:45:06 | Bright     | 35.000   | 89      | 5Alp Cep  | 2.4510    | 8000.0    | 70      | 21098 | No          |
| 8  | GOM_NL__2PRFIN20060314_005013_000000372046_00002_21098_8196.N1 | 14-MAR-2006 00:50:13 | Bright     | 37.000   | 19      | 50Alp Cyg | 1.2460    | 10500.    | 74      | 21098 | No          |
| 9  | GOM_NL__2PRFIN20060314_005147_000000382046_00002_21098_8197.N1 | 14-MAR-2006 00:51:47 | Bright     | 38.000   | 66      | 37Gam Cyg | 2.2080    | 5900.0    | 76      | 21098 | No          |
| 10 | GOM_NL__2PRFIN20060314_005328_000000352046_00002_21098_8198.N1 | 14-MAR-2006 00:53:28 | Bright     | 35.000   | 92      | 53Eps Cyg | 2.5000    | 4500.0    | 70      | 21098 | No          |
| 11 | GOM_NL__2PRFIN20060314_010139_000000492046_00002_21098_8199.N1 | 14-MAR-2006 01:01:39 | Twilight   | 48.500   | 11      | 53Alp Aql | 0.76500   | 8000.0    | 97      | 21098 | No          |
| 12 | GOM_NL__2PRFIN20060314_011138_000000442046_00002_21098_8200.N1 | 14-MAR-2006 01:11:38 | Dark       | 44.000   | 155     | 41Pi Sgr  | 2.9000    | 6600.0    | 88      | 21098 | No          |
| 13 | GOM_NL__2PRFIN20060314_011339_000000472046_00002_21098_8201.N1 | 14-MAR-2006 01:13:39 | Dark       | 46.500   | 57      | 34Sig Sgr | 2.0660    | 26000.    | 93      | 21098 | No          |
| 14 | GOM_NL__2PRFIN20060314_011704_000000442046_00002_21098_8202.N1 | 14-MAR-2006 01:17:04 | Dark       | 44.000   | 38      | 20Eps Sgr | 1.8360    | 11000.    | 88      | 21098 | No          |
| 15 | GOM_NL__2PRFIN20060314_012312_000000432046_00003_21099_8183.N1 | 14-MAR-2006 01:23:12 | Dark       | 42.500   | 141     | Bet Ara   | 2.8400    | 4600.0    | 85      | 21099 | No          |
| 16 | GOM_NL__2PRFIN20060314_012658_000000402046_00003_21099_8184.N1 | 14-MAR-2006 01:26:58 | Dark       | 39.500   | 134     | Bet TrA   | 2.8100    | 6600.0    | 79      | 21099 | No          |
| 17 | GOM_NL__2PRFIN20060314_012942_000000462046_00003_21099_8185.N1 | 14-MAR-2006 01:29:42 | Dark       | 45.500   | 4       | Alp1Cen   | -0.010000 | 5800.0    | 91      | 21099 | No          |
| 18 | GOM_NL__2PRFIN20060314_013056_000000442046_00003_21099_8186.N1 | 14-MAR-2006 01:30:56 | Dark       | 43.500   | 10      | Bet Cen   | 0.61000   | 28000.    | 87      | 21099 | No          |
| 19 | GOM_NL__2PRFIN20060314_013314_000000412046_00003_21099_8187.N1 | 14-MAR-2006 01:33:14 | Dark       | 41.000   | 20      | Bet Cru   | 1.2530    | 30000.    | 82      | 21099 | No          |
| 20 | GOM_NL__2PRFIN20060314_013555_000000412046_00003_21099_8188.N1 | 14-MAR-2006 01:35:55 | Straylight | 40.500   | 64      | Gam Cen   | 2.2000    | 10600.    | 81      | 21099 | No          |
| 21 | GOM_NL__2PRFIN20060314_015551_000000382046_00003_21099_8189.N1 | 14-MAR-2006 01:55:51 | Bright     | 37.500   | 22      | 32Alp Leo | 1.3600    | 15200.    | 75      | 21099 | No          |
| 22 | GOM_NL__2PRFIN20060314_015809_000000392046_00003_21099_8190.N1 | 14-MAR-2006 01:58:09 | Bright     | 38.500   | 51      | 41Gam1Leo | 2.0100    | 4500.0    | 77      | 21099 | No          |
| 23 | GOM_NL__2PRFIN20060314_020604_000000392046_00003_21099_8191.N1 | 14-MAR-2006 02:06:04 | Bright     | 38.500   | 174     | 52Psi UMa | 3.0040    | 4400.0    | 77      | 21099 | No          |
| 24 | GOM_NL__2PRFIN20060314_020913_000000372046_00003_21099_8192.N1 | 14-MAR-2006 02:09:13 | Bright     | 36.500   | 82      | 48Bet UMa | 2.3650    | 10600.    | 73      | 21099 | No          |
| 25 | GOM_NL__2PRFIN20060314_021041_000000382046_00003_21099_8193.N1 | 14-MAR-2006 02:10:41 | Bright     | 37.500   | 36      | 50Alp UMa | 1.8000    | 6300.0    | 75      | 21099 | No          |
| 26 | GOM_NL__2PRFIN20060314_021757_000000352046_00003_21099_8194.N1 | 14-MAR-2006 02:17:57 | Bright     | 34.500   | 49      | 1Alp UMi  | 1.9900    | 6300.0    | 69      | 21099 | No          |
| 27 | GOM_NL__2PRFIN20060314_022542_000000352046_00003_21099_8195.N1 | 14-MAR-2006 02:25:42 | Bright     | 34.500   | 89      | 5Alp Cep  | 2.4510    | 8000.0    | 69      | 21099 | No          |
| 28 | GOM_NL__2PRFIN20060314_023049_000000362046_00003_21099_8196.N1 | 14-MAR-2006 02:30:49 | Bright     | 36.000   | 19      | 50Alp Cyg | 1.2460    | 10500.    | 72      | 21099 | No          |
| 29 | GOM_NL__2PRFIN20060314_023223_000000352046_00003_21099_8197.N1 | 14-MAR-2006 02:32:23 | Bright     | 34.500   | 66      | 37Gam Cyg | 2.2080    | 5900.0    | 69      | 21099 | No          |
| 30 | GOM_NL__2PRFIN20060314_023404_000000352046_00003_21099_8198.N1 | 14-MAR-2006 02:34:04 | Bright     | 34.500   | 92      | 53Eps Cyg | 2.5000    | 4500.0    | 69      | 21099 | No          |
| 31 | GOM_NL__2PRFIN20060314_024216_000000552046_00003_21099_8199.N1 | 14-MAR-2006 02:42:16 | Twilight   | 54.500   | 11      | 53Alp Aql | 0.76500   | 8000.0    | 109     | 21099 | No          |
| 32 | GOM_NL__2PRFIN20060314_025415_000000442046_00003_21099_8200.N1 | 14-MAR-2006 02:54:15 | Dark       | 43.500   | 57      | 34Sig Sgr | 2.0660    | 26000.    | 87      | 21099 | No          |
| 33 | GOM_NL__2PRFIN20060314_025740_000000532046_00003_21099_8201.N1 | 14-MAR-2006 02:57:40 | Dark       | 52.500   | 38      | 20Eps Sgr | 1.8360    | 11000.    | 105     | 21099 | No          |
| 34 | GOM_NL__2PRFIN20060314_062502_000000412046_00006_21102_8185.N1 | 14-MAR-2006 06:25:02 | Dark       | 41.000   | 141     | Bet Ara   | 2.8400    | 4600.0    | 82      | 21102 | No          |
| 35 | GOM_NL__2PRFIN20060314_062848_000000382046_00006_21102_8186.N1 | 14-MAR-2006 06:28:48 | Dark       | 38.000   | 134     | Bet TrA   | 2.8100    | 6600.0    | 76      | 21102 | No          |
| 36 | GOM_NL__2PRFIN20060314_063131_000000532046_00006_21102_8187.N1 | 14-MAR-2006 06:31:31 | Dark       | 52.500   | 4       | Alp1Cen   | -0.010000 | 5800.0    | 105     | 21102 | No          |
| 37 | GOM_NL__2PRFIN20060314_063246_000000422046_00006_21102_8188.N1 | 14-MAR-2006 06:32:46 | Dark       | 42.000   | 10      | Bet Cen   | 0.61000   | 28000.    | 84      | 21102 | No          |
| 38 | GOM_NL__2PRFIN20060314_063503_000000452046_00006_21102_8189.N1 | 14-MAR-2006 06:35:03 | Dark       | 45.000   | 20      | Bet Cru   | 1.2530    | 30000.    | 90      | 21102 | No          |
| 39 | GOM_NL__2PRFIN20060314_063744_000000452046_00006_21102_8190.N1 | 14-MAR-2006 06:37:44 | Straylight | 45.000   | 64      | Gam Cen   | 2.2000    | 10600.    | 90      | 21102 | No          |
| 40 | GOM_NL__2PRFIN20060314_065739_000000382046_00006_21102_8191.N1 | 14-MAR-2006 06:57:39 | Bright     | 38.000   | 22      | 32Alp Leo | 1.3600    | 15200.    | 76      | 21102 | No          |
| 41 | GOM_NL__2PRFIN20060314_065957_000000402046_00006_21102_8192.N1 | 14-MAR-2006 06:59:57 | Bright     | 39.500   | 51      | 41Gam1Leo | 2.0100    | 4500.0    | 79      | 21102 | No          |
| 42 | GOM_NL__2PRFIN20060314_070751_000000392046_00006_21102_8193.N1 | 14-MAR-2006 07:07:51 | Bright     | 38.500   | 174     | 52Psi UMa | 3.0040    | 4400.0    | 77      | 21102 | No          |

|     |  |                      |            |        |     |           |           |        |     |       |    |
|-----|--|----------------------|------------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 43  | GOM_NL__2PRFIN20060314_071100_000000382046_00006_21102_8194.N1 | 14-MAR-2006 07:11:00 | Bright     | 38.000 | 82  | 48Bet UMa | 2.3650    | 10600. | 76  | 21102 | No |
| 44  | GOM_NL__2PRFIN20060314_071228_000000392046_00006_21102_8195.N1 | 14-MAR-2006 07:12:28 | Bright     | 39.000 | 36  | 50Alp UMa | 1.8000    | 6300.0 | 78  | 21102 | No |
| 45  | GOM_NL__2PRFIN20060314_071945_000000362046_00006_21102_8196.N1 | 14-MAR-2006 07:19:45 | Bright     | 35.500 | 49  | 1Alp UMi  | 1.9900    | 6300.0 | 71  | 21102 | No |
| 46  | GOM_NL__2PRFIN20060314_072731_000000352046_00006_21102_8197.N1 | 14-MAR-2006 07:27:31 | Bright     | 34.500 | 89  | 5Alp Cep  | 2.4510    | 8000.0 | 69  | 21102 | No |
| 47  | GOM_NL__2PRFIN20060314_073237_000000372046_00006_21102_8198.N1 | 14-MAR-2006 07:32:37 | Bright     | 37.000 | 19  | 50Alp Cyg | 1.2460    | 10500. | 74  | 21102 | No |
| 48  | GOM_NL__2PRFIN20060314_073411_000000382046_00006_21102_8199.N1 | 14-MAR-2006 07:34:11 | Bright     | 38.000 | 66  | 37Gam Cyg | 2.2080    | 5900.0 | 76  | 21102 | No |
| 49  | GOM_NL__2PRFIN20060314_073552_000000362046_00006_21102_8200.N1 | 14-MAR-2006 07:35:52 | Bright     | 36.000 | 92  | 53Eps Cyg | 2.5000    | 4500.0 | 72  | 21102 | No |
| 50  | GOM_NL__2PRFIN20060314_074405_000000482046_00006_21102_8201.N1 | 14-MAR-2006 07:44:05 | Twilight   | 47.500 | 11  | 53Alp Aql | 0.76500   | 8000.0 | 95  | 21102 | No |
| 51  | GOM_NL__2PRFIN20060314_075405_000000472046_00006_21102_8202.N1 | 14-MAR-2006 07:54:05 | Dark       | 47.000 | 155 | 41Pi Sgr  | 2.9000    | 6600.0 | 94  | 21102 | No |
| 52  | GOM_NL__2PRFIN20060314_075606_000000472046_00006_21102_8203.N1 | 14-MAR-2006 07:56:06 | Dark       | 46.500 | 57  | 34Sig Sgr | 2.0660    | 26000. | 93  | 21102 | No |
| 53  | GOM_NL__2PRFIN20060314_075931_000000502046_00006_21102_8204.N1 | 14-MAR-2006 07:59:31 | Dark       | 50.000 | 38  | 20Eps Sgr | 1.8360    | 11000. | 100 | 21102 | No |
| 54  | GOM_NL__2PRFIN20060314_080539_000000432046_00007_21103_8186.N1 | 14-MAR-2006 08:05:39 | Dark       | 42.500 | 141 | Bet Ara   | 2.8400    | 4600.0 | 85  | 21103 | No |
| 55  | GOM_NL__2PRFIN20060314_080924_000000382046_00007_21103_8187.N1 | 14-MAR-2006 08:09:24 | Dark       | 37.500 | 134 | Bet TrA   | 2.8100    | 6600.0 | 75  | 21103 | No |
| 56  | GOM_NL__2PRFIN20060314_081208_000000462046_00007_21103_8188.N1 | 14-MAR-2006 08:12:08 | Dark       | 45.500 | 4   | Alp1Cen   | -0.010000 | 5800.0 | 91  | 21103 | No |
| 57  | GOM_NL__2PRFIN20060314_081322_000000472046_00007_21103_8189.N1 | 14-MAR-2006 08:13:22 | Dark       | 47.000 | 10  | Bet Cen   | 0.61000   | 28000. | 94  | 21103 | No |
| 58  | GOM_NL__2PRFIN20060314_081539_000000452046_00007_21103_8190.N1 | 14-MAR-2006 08:15:39 | Dark       | 44.500 | 20  | Bet Cru   | 1.2530    | 30000. | 89  | 21103 | No |
| 59  | GOM_NL__2PRFIN20060314_081820_000000452046_00007_21103_8191.N1 | 14-MAR-2006 08:18:20 | Straylight | 44.500 | 64  | Gam Cen   | 2.2000    | 10600. | 89  | 21103 | No |
| 60  | GOM_NL__2PRFIN20060314_083815_000000382046_00007_21103_8192.N1 | 14-MAR-2006 08:38:15 | Bright     | 37.500 | 22  | 32Alp Leo | 1.3600    | 15200. | 75  | 21103 | No |
| 61  | GOM_NL__2PRFIN20060314_084032_000000542046_00007_21103_8193.N1 | 14-MAR-2006 08:40:32 | Bright     | 54.000 | 51  | 41Gam1Leo | 2.0100    | 4500.0 | 108 | 21103 | No |
| 62  | GOM_NL__2PRFIN20060314_084827_000000412046_00007_21103_8194.N1 | 14-MAR-2006 08:48:27 | Bright     | 41.000 | 174 | 52Psi UMa | 3.0040    | 4400.0 | 82  | 21103 | No |
| 63  | GOM_NL__2PRFIN20060314_085135_000000382046_00007_21103_8195.N1 | 14-MAR-2006 08:51:35 | Bright     | 37.500 | 82  | 48Bet UMa | 2.3650    | 10600. | 75  | 21103 | No |
| 64  | GOM_NL__2PRFIN20060314_085304_000000392046_00007_21103_8196.N1 | 14-MAR-2006 08:53:04 | Bright     | 39.000 | 36  | 50Alp UMa | 1.8000    | 6300.0 | 78  | 21103 | No |
| 65  | GOM_NL__2PRFIN20060314_090021_000000342046_00007_21103_8197.N1 | 14-MAR-2006 09:00:21 | Bright     | 34.000 | 49  | 1Alp UMi  | 1.9900    | 6300.0 | 68  | 21103 | No |
| 66  | GOM_NL__2PRFIN20060314_090807_000000362046_00007_21103_8198.N1 | 14-MAR-2006 09:08:07 | Bright     | 35.500 | 89  | 5Alp Cep  | 2.4510    | 8000.0 | 71  | 21103 | No |
| 67  | GOM_NL__2PRFIN20060314_091313_000000372046_00007_21103_8199.N1 | 14-MAR-2006 09:13:13 | Bright     | 37.000 | 19  | 50Alp Cyg | 1.2460    | 10500. | 74  | 21103 | No |
| 68  | GOM_NL__2PRFIN20060314_091447_000000382046_00007_21103_8200.N1 | 14-MAR-2006 09:14:47 | Bright     | 38.000 | 66  | 37Gam Cyg | 2.2080    | 5900.0 | 76  | 21103 | No |
| 69  | GOM_NL__2PRFIN20060314_091628_000000372046_00007_21103_8201.N1 | 14-MAR-2006 09:16:28 | Bright     | 36.500 | 92  | 53Eps Cyg | 2.5000    | 4500.0 | 73  | 21103 | No |
| 70  | GOM_NL__2PRFIN20060314_092441_000000502046_00007_21103_8202.N1 | 14-MAR-2006 09:24:41 | Twilight   | 50.000 | 11  | 53Alp Aql | 0.76500   | 8000.0 | 100 | 21103 | No |
| 71  | GOM_NL__2PRFIN20060314_093442_000000462046_00007_21103_8203.N1 | 14-MAR-2006 09:34:42 | Dark       | 45.500 | 155 | 41Pi Sgr  | 2.9000    | 6600.0 | 91  | 21103 | No |
| 72  | GOM_NL__2PRFIN20060314_093642_000000452046_00007_21103_8204.N1 | 14-MAR-2006 09:36:42 | Dark       | 44.500 | 57  | 34Sig Sgr | 2.0660    | 26000. | 89  | 21103 | No |
| 73  | GOM_NL__2PRFIN20060314_094008_000000472046_00007_21103_8205.N1 | 14-MAR-2006 09:40:08 | Dark       | 46.500 | 38  | 20Eps Sgr | 1.8360    | 11000. | 93  | 21103 | No |
| 74  | GOM_NL__2PRFIN20060314_094615_000000412046_00008_21104_8187.N1 | 14-MAR-2006 09:46:15 | Dark       | 41.000 | 141 | Bet Ara   | 2.8400    | 4600.0 | 82  | 21104 | No |
| 75  | GOM_NL__2PRFIN20060314_095001_000000382046_00008_21104_8188.N1 | 14-MAR-2006 09:50:01 | Dark       | 38.000 | 134 | Bet TrA   | 2.8100    | 6600.0 | 76  | 21104 | No |
| 76  | GOM_NL__2PRFIN20060314_095244_000000452046_00008_21104_8189.N1 | 14-MAR-2006 09:52:44 | Dark       | 45.000 | 4   | Alp1Cen   | -0.010000 | 5800.0 | 90  | 21104 | No |
| 77  | GOM_NL__2PRFIN20060314_095359_000000432046_00008_21104_8190.N1 | 14-MAR-2006 09:53:59 | Dark       | 42.500 | 10  | Bet Cen   | 0.61000   | 28000. | 85  | 21104 | No |
| 78  | GOM_NL__2PRFIN20060314_095616_000000392046_00008_21104_8191.N1 | 14-MAR-2006 09:56:16 | Dark       | 39.000 | 20  | Bet Cru   | 1.2530    | 30000. | 78  | 21104 | No |
| 79  | GOM_NL__2PRFIN20060314_095857_000000432046_00008_21104_8192.N1 | 14-MAR-2006 09:58:57 | Straylight | 43.000 | 64  | Gam Cen   | 2.2000    | 10600. | 86  | 21104 | No |
| 80  | GOM_NL__2PRFIN20060314_101851_000000392046_00008_21104_8193.N1 | 14-MAR-2006 10:18:51 | Bright     | 38.500 | 22  | 32Alp Leo | 1.3600    | 15200. | 77  | 21104 | No |
| 81  | GOM_NL__2PRFIN20060314_102108_000000382046_00008_21104_8194.N1 | 14-MAR-2006 10:21:08 | Bright     | 38.000 | 51  | 41Gam1Leo | 2.0100    | 4500.0 | 76  | 21104 | No |
| 82  | GOM_NL__2PRFIN20060314_102902_000000392046_00008_21104_8195.N1 | 14-MAR-2006 10:29:02 | Bright     | 39.000 | 174 | 52Psi UMa | 3.0040    | 4400.0 | 78  | 21104 | No |
| 83  | GOM_NL__2PRFIN20060314_103211_000000402046_00008_21104_8196.N1 | 14-MAR-2006 10:32:11 | Bright     | 39.500 | 82  | 48Bet UMa | 2.3650    | 10600. | 79  | 21104 | No |
| 84  | GOM_NL__2PRFIN20060314_103340_000000382046_00008_21104_8197.N1 | 14-MAR-2006 10:33:40 | Bright     | 38.000 | 36  | 50Alp UMa | 1.8000    | 6300.0 | 76  | 21104 | No |
| 85  | GOM_NL__2PRFIN20060314_104057_000000352046_00008_21104_8198.N1 | 14-MAR-2006 10:40:57 | Bright     | 35.000 | 49  | 1Alp UMi  | 1.9900    | 6300.0 | 70  | 21104 | No |
| 86  | GOM_NL__2PRFIN20060314_104843_000000352046_00008_21104_8199.N1 | 14-MAR-2006 10:48:43 | Bright     | 35.000 | 89  | 5Alp Cep  | 2.4510    | 8000.0 | 70  | 21104 | No |
| 87  | GOM_NL__2PRFIN20060314_105349_000000352046_00008_21104_8200.N1 | 14-MAR-2006 10:53:49 | Bright     | 34.500 | 19  | 50Alp Cyg | 1.2460    | 10500. | 69  | 21104 | No |
| 88  | GOM_NL__2PRFIN20060314_105523_000000382046_00008_21104_8201.N1 | 14-MAR-2006 10:55:23 | Bright     | 38.000 | 66  | 37Gam Cyg | 2.2080    | 5900.0 | 76  | 21104 | No |
| 89  | GOM_NL__2PRFIN20060314_105704_000000352046_00008_21104_8202.N1 | 14-MAR-2006 10:57:04 | Bright     | 35.000 | 92  | 53Eps Cyg | 2.5000    | 4500.0 | 70  | 21104 | No |
| 90  | GOM_NL__2PRFIN20060314_110517_000000512046_00008_21104_8203.N1 | 14-MAR-2006 11:05:17 | Twilight   | 51.000 | 11  | 53Alp Aql | 0.76500   | 8000.0 | 102 | 21104 | No |
| 91  | GOM_NL__2PRFIN20060314_111518_000000452046_00008_21104_8204.N1 | 14-MAR-2006 11:15:18 | Dark       | 44.500 | 155 | 41Pi Sgr  | 2.9000    | 6600.0 | 89  | 21104 | No |
| 92  | GOM_NL__2PRFIN20060314_111719_000000462046_00008_21104_8205.N1 | 14-MAR-2006 11:17:19 | Dark       | 46.000 | 57  | 34Sig Sgr | 2.0660    | 26000. | 92  | 21104 | No |
| 93  | GOM_NL__2PRFIN20060314_112044_000000472046_00008_21104_8206.N1 | 14-MAR-2006 11:20:44 | Dark       | 47.000 | 38  | 20Eps Sgr | 1.8360    | 11000. | 94  | 21104 | No |
| 94  | GOM_NL__2PRFIN20060314_112652_000000402046_00009_21105_8188.N1 | 14-MAR-2006 11:26:52 | Dark       | 40.000 | 141 | Bet Ara   | 2.8400    | 4600.0 | 80  | 21105 | No |
| 95  | GOM_NL__2PRFIN20060314_113037_000000382046_00009_21105_8189.N1 | 14-MAR-2006 11:30:37 | Dark       | 37.500 | 134 | Bet TrA   | 2.8100    | 6600.0 | 75  | 21105 | No |
| 96  | GOM_NL__2PRFIN20060314_113321_000000522046_00009_21105_8190.N1 | 14-MAR-2006 11:33:21 | Dark       | 51.500 | 4   | Alp1Cen   | -0.010000 | 5800.0 | 103 | 21105 | No |
| 97  | GOM_NL__2PRFIN20060314_113435_000000492046_00009_21105_8191.N1 | 14-MAR-2006 11:34:35 | Dark       | 49.000 | 10  | Bet Cen   | 0.61000   | 28000. | 98  | 21105 | No |
| 98  | GOM_NL__2PRFIN20060314_113652_000000402046_00009_21105_8192.N1 | 14-MAR-2006 11:36:52 | Dark       | 40.000 | 20  | Bet Cru   | 1.2530    | 30000. | 80  | 21105 | No |
| 99  | GOM_NL__2PRFIN20060314_113933_000000392046_00009_21105_8193.N1 | 14-MAR-2006 11:39:33 | Straylight | 39.000 | 64  | Gam Cen   | 2.2000    | 10600. | 78  | 21105 | No |
| 100 | GOM_NL__2PRFIN20060314_115927_000000382046_00009_21105_8194.N1 | 14-MAR-2006 11:59:27 | Bright     | 38.000 | 22  | 32Alp Leo | 1.3600    | 15200. | 76  | 21105 | No |
| 101 | GOM_NL__2PRFIN20060314_120144_000000382046_00009_21105_8195.N1 | 14-MAR-2006 12:01:44 | Bright     | 37.500 | 51  | 41Gam1Leo | 2.0100    | 4500.0 | 75  | 21105 | No |

|     |  |                      |            |        |     |           |           |        |     |       |    |
|-----|--|----------------------|------------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20060314_120938_000000412046_00009_21105_8196.N1 | 14-MAR-2006 12:09:38 | Bright     | 40.500 | 174 | 52Psi UMa | 3.0040    | 4400.0 | 81  | 21105 | No |
| 103 | GOM_NL__2PRFIN20060314_121246_000000392046_00009_21105_8197.N1 | 14-MAR-2006 12:12:46 | Bright     | 38.500 | 82  | 48Bet UMa | 2.3650    | 10600. | 77  | 21105 | No |
| 104 | GOM_NL__2PRFIN20060314_121415_000000382046_00009_21105_8198.N1 | 14-MAR-2006 12:14:15 | Bright     | 38.000 | 36  | 50Alp UMa | 1.8000    | 6300.0 | 76  | 21105 | No |
| 105 | GOM_NL__2PRFIN20060314_122133_000000332046_00009_21105_8199.N1 | 14-MAR-2006 12:21:33 | Bright     | 33.000 | 49  | 1Alp UMi  | 1.9900    | 6300.0 | 66  | 21105 | No |
| 106 | GOM_NL__2PRFIN20060314_122918_000000362046_00009_21105_8200.N1 | 14-MAR-2006 12:29:18 | Bright     | 36.000 | 89  | 5Alp Cep  | 2.4510    | 8000.0 | 72  | 21105 | No |
| 107 | GOM_NL__2PRFIN20060314_123425_000000372046_00009_21105_8201.N1 | 14-MAR-2006 12:34:25 | Bright     | 37.000 | 19  | 50Alp Cyg | 1.2460    | 10500. | 74  | 21105 | No |
| 108 | GOM_NL__2PRFIN20060314_123559_000000372046_00009_21105_8202.N1 | 14-MAR-2006 12:35:59 | Bright     | 37.000 | 66  | 37Gam Cyg | 2.2080    | 5900.0 | 74  | 21105 | No |
| 109 | GOM_NL__2PRFIN20060314_123740_000000362046_00009_21105_8203.N1 | 14-MAR-2006 12:37:40 | Bright     | 36.000 | 92  | 53Eps Cyg | 2.5000    | 4500.0 | 72  | 21105 | No |
| 110 | GOM_NL__2PRFIN20060314_124554_000000502046_00009_21105_8204.N1 | 14-MAR-2006 12:45:54 | Twilight   | 50.000 | 11  | 53Alp Aql | 0.76500   | 8000.0 | 100 | 21105 | No |
| 111 | GOM_NL__2PRFIN20060314_125555_000000432046_00009_21105_8205.N1 | 14-MAR-2006 12:55:55 | Dark       | 42.500 | 155 | 41Pi Sgr  | 2.9000    | 6600.0 | 85  | 21105 | No |
| 112 | GOM_NL__2PRFIN20060314_125756_000000442046_00009_21105_8206.N1 | 14-MAR-2006 12:57:56 | Dark       | 44.000 | 57  | 34Sig Sgr | 2.0660    | 26000. | 88  | 21105 | No |
| 113 | GOM_NL__2PRFIN20060314_130121_000000452046_00009_21105_8207.N1 | 14-MAR-2006 13:01:21 | Dark       | 45.000 | 38  | 20Eps Sgr | 1.8360    | 11000. | 90  | 21105 | No |
| 114 | GOM_NL__2PRFIN20060314_130728_000000412046_00010_21106_8202.N1 | 14-MAR-2006 13:07:28 | Dark       | 41.000 | 141 | Bet Ara   | 2.8400    | 4600.0 | 82  | 21106 | No |
| 115 | GOM_NL__2PRFIN20060314_131114_000000402046_00010_21106_8203.N1 | 14-MAR-2006 13:11:14 | Dark       | 39.500 | 134 | Bet TrA   | 2.8100    | 6600.0 | 79  | 21106 | No |
| 116 | GOM_NL__2PRFIN20060314_131357_000000442046_00010_21106_8204.N1 | 14-MAR-2006 13:13:57 | Dark       | 43.500 | 4   | Alp1Cen   | -0.010000 | 5800.0 | 87  | 21106 | No |
| 117 | GOM_NL__2PRFIN20060314_131511_000000432046_00010_21106_8205.N1 | 14-MAR-2006 13:15:11 | Dark       | 43.000 | 10  | Bet Cen   | 0.61000   | 28000. | 86  | 21106 | No |
| 118 | GOM_NL__2PRFIN20060314_131728_000000382046_00010_21106_8206.N1 | 14-MAR-2006 13:17:28 | Dark       | 38.000 | 20  | Bet Cru   | 1.2530    | 30000. | 76  | 21106 | No |
| 119 | GOM_NL__2PRFIN20060314_132009_000000412046_00010_21106_8207.N1 | 14-MAR-2006 13:20:09 | Straylight | 40.500 | 64  | Gam Cen   | 2.2000    | 10600. | 81  | 21106 | No |
| 120 | GOM_NL__2PRFIN20060314_134003_000000382046_00010_21106_8208.N1 | 14-MAR-2006 13:40:03 | Bright     | 38.000 | 22  | 32Alp Leo | 1.3600    | 15200. | 76  | 21106 | No |
| 121 | GOM_NL__2PRFIN20060314_134220_000000392046_00010_21106_8209.N1 | 14-MAR-2006 13:42:20 | Bright     | 39.000 | 51  | 41Gam1Leo | 2.0100    | 4500.0 | 78  | 21106 | No |
| 122 | GOM_NL__2PRFIN20060314_135013_000000392046_00010_21106_8210.N1 | 14-MAR-2006 13:50:13 | Bright     | 38.500 | 174 | 52Psi UMa | 3.0040    | 4400.0 | 77  | 21106 | No |
| 123 | GOM_NL__2PRFIN20060314_135322_000000372046_00010_21106_8211.N1 | 14-MAR-2006 13:53:22 | Bright     | 36.500 | 82  | 48Bet UMa | 2.3650    | 10600. | 73  | 21106 | No |
| 124 | GOM_NL__2PRFIN20060314_135451_000000402046_00010_21106_8212.N1 | 14-MAR-2006 13:54:51 | Bright     | 40.000 | 36  | 50Alp UMa | 1.8000    | 6300.0 | 80  | 21106 | No |
| 125 | GOM_NL__2PRFIN20060314_140209_000000372046_00010_21106_8213.N1 | 14-MAR-2006 14:02:09 | Bright     | 36.500 | 49  | 1Alp UMi  | 1.9900    | 6300.0 | 73  | 21106 | No |
| 126 | GOM_NL__2PRFIN20060314_140954_000000362046_00010_21106_8214.N1 | 14-MAR-2006 14:09:54 | Bright     | 35.500 | 89  | 5Alp Cep  | 2.4510    | 8000.0 | 71  | 21106 | No |
| 127 | GOM_NL__2PRFIN20060314_141501_000000382046_00010_21106_8215.N1 | 14-MAR-2006 14:15:01 | Bright     | 38.000 | 19  | 50Alp Cyg | 1.2460    | 10500. | 76  | 21106 | No |
| 128 | GOM_NL__2PRFIN20060314_141635_000000362046_00010_21106_8216.N1 | 14-MAR-2006 14:16:35 | Bright     | 36.000 | 66  | 37Gam Cyg | 2.2080    | 5900.0 | 72  | 21106 | No |
| 129 | GOM_NL__2PRFIN20060314_141816_000000362046_00010_21106_8217.N1 | 14-MAR-2006 14:18:16 | Bright     | 36.000 | 92  | 53Eps Cyg | 2.5000    | 4500.0 | 72  | 21106 | No |
| 130 | GOM_NL__2PRFIN20060314_142630_000000482046_00010_21106_8218.N1 | 14-MAR-2006 14:26:30 | Twilight   | 48.000 | 11  | 53Alp Aql | 0.76500   | 8000.0 | 96  | 21106 | No |
| 131 | GOM_NL__2PRFIN20060314_143632_000000472046_00010_21106_8219.N1 | 14-MAR-2006 14:36:32 | Dark       | 46.500 | 155 | 41Pi Sgr  | 2.9000    | 6600.0 | 93  | 21106 | No |
| 132 | GOM_NL__2PRFIN20060314_143832_000000432046_00010_21106_8220.N1 | 14-MAR-2006 14:38:32 | Dark       | 43.000 | 57  | 34Sig Sgr | 2.0660    | 26000. | 86  | 21106 | No |
| 133 | GOM_NL__2PRFIN20060314_144158_000000512046_00010_21106_8221.N1 | 14-MAR-2006 14:41:58 | Dark       | 50.500 | 38  | 20Eps Sgr | 1.8360    | 11000. | 101 | 21106 | No |
| 134 | GOM_NL__2PRFIN20060314_144805_000000422046_00011_21107_8203.N1 | 14-MAR-2006 14:48:05 | Dark       | 41.500 | 141 | Bet Ara   | 2.8400    | 4600.0 | 83  | 21107 | No |
| 135 | GOM_NL__2PRFIN20060314_145150_000000392046_00011_21107_8204.N1 | 14-MAR-2006 14:51:50 | Dark       | 38.500 | 134 | Bet TrA   | 2.8100    | 6600.0 | 77  | 21107 | No |
| 136 | GOM_NL__2PRFIN20060314_145434_000000452046_00011_21107_8205.N1 | 14-MAR-2006 14:54:34 | Dark       | 44.500 | 4   | Alp1Cen   | -0.010000 | 5800.0 | 89  | 21107 | No |
| 137 | GOM_NL__2PRFIN20060314_145548_000000412046_00011_21107_8206.N1 | 14-MAR-2006 14:55:48 | Dark       | 40.500 | 10  | Bet Cen   | 0.61000   | 28000. | 81  | 21107 | No |
| 138 | GOM_NL__2PRFIN20060314_145804_000000422046_00011_21107_8207.N1 | 14-MAR-2006 14:58:04 | Dark       | 41.500 | 20  | Bet Cru   | 1.2530    | 30000. | 83  | 21107 | No |
| 139 | GOM_NL__2PRFIN20060314_150046_000000412046_00011_21107_8208.N1 | 14-MAR-2006 15:00:46 | Straylight | 41.000 | 64  | Gam Cen   | 2.2000    | 10600. | 82  | 21107 | No |
| 140 | GOM_NL__2PRFIN20060314_152039_000000392046_00011_21107_8209.N1 | 14-MAR-2006 15:20:39 | Bright     | 38.500 | 22  | 32Alp Leo | 1.3600    | 15200. | 77  | 21107 | No |
| 141 | GOM_NL__2PRFIN20060314_152256_000000382046_00011_21107_8210.N1 | 14-MAR-2006 15:22:56 | Bright     | 38.000 | 51  | 41Gam1Leo | 2.0100    | 4500.0 | 76  | 21107 | No |
| 142 | GOM_NL__2PRFIN20060314_153049_000000402046_00011_21107_8211.N1 | 14-MAR-2006 15:30:49 | Bright     | 39.500 | 174 | 52Psi UMa | 3.0040    | 4400.0 | 79  | 21107 | No |
| 143 | GOM_NL__2PRFIN20060314_153358_000000372046_00011_21107_8212.N1 | 14-MAR-2006 15:33:58 | Bright     | 37.000 | 82  | 48Bet UMa | 2.3650    | 10600. | 74  | 21107 | No |
| 144 | GOM_NL__2PRFIN20060314_153527_000000392046_00011_21107_8213.N1 | 14-MAR-2006 15:35:27 | Bright     | 38.500 | 36  | 50Alp UMa | 1.8000    | 6300.0 | 77  | 21107 | No |
| 145 | GOM_NL__2PRFIN20060314_154245_000000362046_00011_21107_8214.N1 | 14-MAR-2006 15:42:45 | Bright     | 35.500 | 49  | 1Alp UMi  | 1.9900    | 6300.0 | 71  | 21107 | No |
| 146 | GOM_NL__2PRFIN20060314_155030_000000362046_00011_21107_8215.N1 | 14-MAR-2006 15:50:30 | Bright     | 36.000 | 89  | 5Alp Cep  | 2.4510    | 8000.0 | 72  | 21107 | No |
| 147 | GOM_NL__2PRFIN20060314_155537_000000342046_00011_21107_8216.N1 | 14-MAR-2006 15:55:37 | Bright     | 34.000 | 19  | 50Alp Cyg | 1.2460    | 10500. | 68  | 21107 | No |
| 148 | GOM_NL__2PRFIN20060314_155711_000000352046_00011_21107_8217.N1 | 14-MAR-2006 15:57:11 | Bright     | 34.500 | 66  | 37Gam Cyg | 2.2080    | 5900.0 | 69  | 21107 | No |
| 149 | GOM_NL__2PRFIN20060314_155853_000000352046_00011_21107_8218.N1 | 14-MAR-2006 15:58:53 | Bright     | 35.000 | 92  | 53Eps Cyg | 2.5000    | 4500.0 | 70  | 21107 | No |
| 150 | GOM_NL__2PRFIN20060314_160706_000000512046_00011_21107_8219.N1 | 14-MAR-2006 16:07:06 | Twilight   | 50.500 | 11  | 53Alp Aql | 0.76500   | 8000.0 | 101 | 21107 | No |
| 151 | GOM_NL__2PRFIN20060314_161708_000000452046_00011_21107_8220.N1 | 14-MAR-2006 16:17:08 | Dark       | 44.500 | 155 | 41Pi Sgr  | 2.9000    | 6600.0 | 89  | 21107 | No |
| 152 | GOM_NL__2PRFIN20060314_161909_000000482046_00011_21107_8221.N1 | 14-MAR-2006 16:19:09 | Dark       | 48.000 | 57  | 34Sig Sgr | 2.0660    | 26000. | 96  | 21107 | No |
| 153 | GOM_NL__2PRFIN20060314_162235_000000442046_00011_21107_8222.N1 | 14-MAR-2006 16:22:35 | Dark       | 43.500 | 38  | 20Eps Sgr | 1.8360    | 11000. | 87  | 21107 | No |
| 154 | GOM_NL__2PRFIN20060314_162841_000000432046_00012_21108_8204.N1 | 14-MAR-2006 16:28:41 | Dark       | 43.000 | 141 | Bet Ara   | 2.8400    | 4600.0 | 86  | 21108 | No |
| 155 | GOM_NL__2PRFIN20060314_163227_000000392046_00012_21108_8205.N1 | 14-MAR-2006 16:32:27 | Dark       | 38.500 | 134 | Bet TrA   | 2.8100    | 6600.0 | 77  | 21108 | No |
| 156 | GOM_NL__2PRFIN20060314_163510_000000462046_00012_21108_8206.N1 | 14-MAR-2006 16:35:10 | Dark       | 45.500 | 4   | Alp1Cen   | -0.010000 | 5800.0 | 91  | 21108 | No |
| 157 | GOM_NL__2PRFIN20060314_163624_000000502046_00012_21108_8207.N1 | 14-MAR-2006 16:36:24 | Dark       | 49.500 | 10  | Bet Cen   | 0.61000   | 28000. | 99  | 21108 | No |
| 158 | GOM_NL__2PRFIN20060314_163841_000000412046_00012_21108_8208.N1 | 14-MAR-2006 16:38:41 | Dark       | 41.000 | 20  | Bet Cru   | 1.2530    | 30000. | 82  | 21108 | No |
| 159 | GOM_NL__2PRFIN20060314_164122_000000442046_00012_21108_8209.N1 | 14-MAR-2006 16:41:22 | Straylight | 44.000 | 64  | Gam Cen   | 2.2000    | 10600. | 88  | 21108 | No |
| 160 | GOM_NL__2PRFIN20060314_170115_000000392046_00012_21108_8210.N1 | 14-MAR-2006 17:01:15 | Bright     | 39.000 | 22  | 32Alp Leo | 1.3600    | 15200. | 78  | 21108 | No |

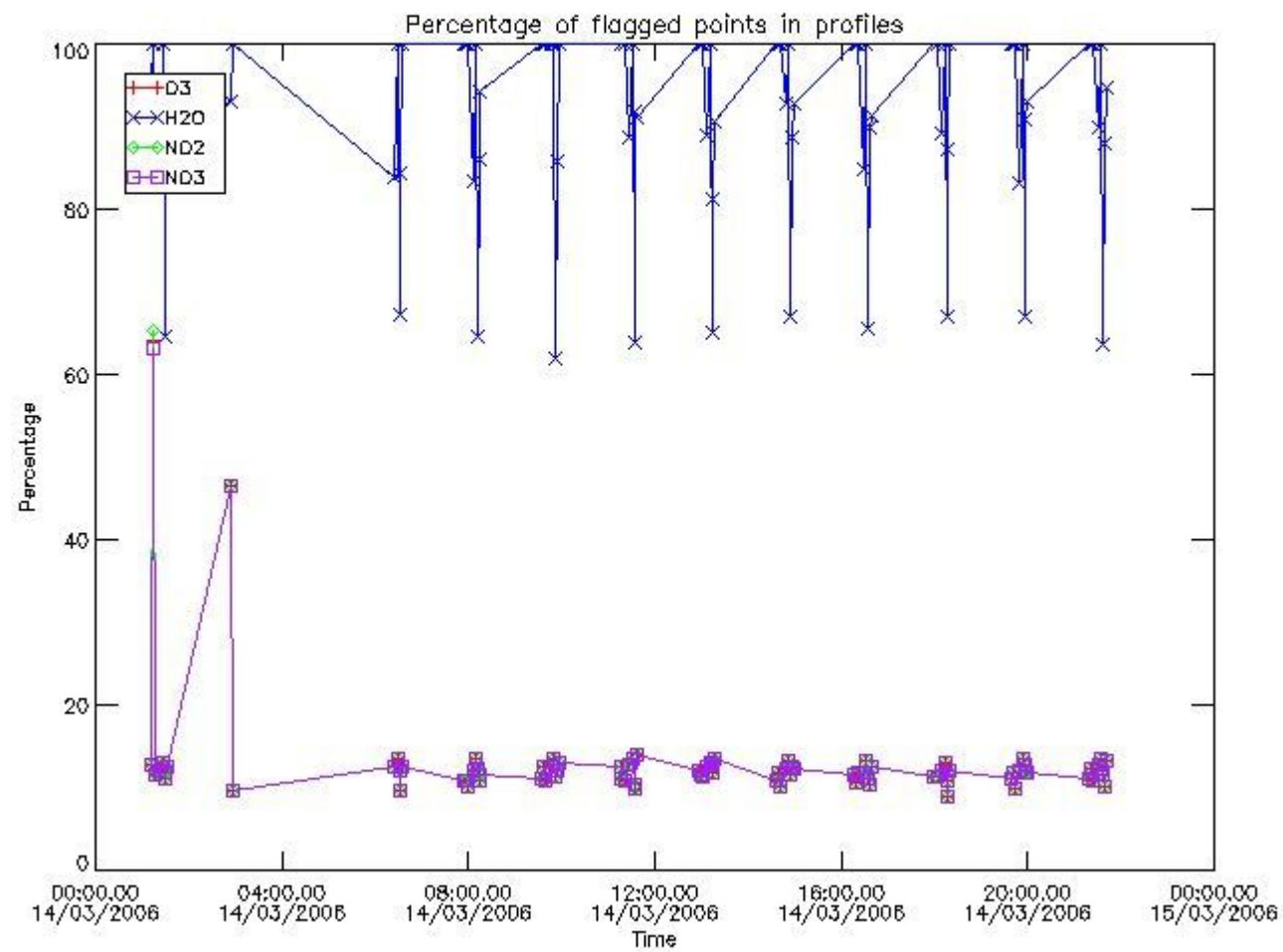
|     |  |                      |            |        |     |           |           |        |     |       |    |
|-----|--|----------------------|------------|--------|-----|-----------|-----------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20060314_170332_000000392046_00012_21108_8211.N1 | 14-MAR-2006 17:03:32 | Bright     | 38.500 | 51  | 41Gam1Leo | 2.0100    | 4500.0 | 77  | 21108 | No |
| 162 | GOM_NL__2PRFIN20060314_171124_000000402046_00012_21108_8212.N1 | 14-MAR-2006 17:11:24 | Bright     | 40.000 | 174 | 52Psi UMa | 3.0040    | 4400.0 | 80  | 21108 | No |
| 163 | GOM_NL__2PRFIN20060314_171433_000000382046_00012_21108_8213.N1 | 14-MAR-2006 17:14:33 | Bright     | 37.500 | 82  | 48Bet UMa | 2.3650    | 10600. | 75  | 21108 | No |
| 164 | GOM_NL__2PRFIN20060314_171602_000000392046_00012_21108_8214.N1 | 14-MAR-2006 17:16:02 | Bright     | 38.500 | 36  | 50Alp UMa | 1.8000    | 6300.0 | 77  | 21108 | No |
| 165 | GOM_NL__2PRFIN20060314_172321_000000382046_00012_21108_8215.N1 | 14-MAR-2006 17:23:21 | Bright     | 37.500 | 49  | 1Alp UMi  | 1.9900    | 6300.0 | 75  | 21108 | No |
| 166 | GOM_NL__2PRFIN20060314_173106_000000362046_00012_21108_8216.N1 | 14-MAR-2006 17:31:06 | Bright     | 35.500 | 89  | 5Alp Cep  | 2.4510    | 8000.0 | 71  | 21108 | No |
| 167 | GOM_NL__2PRFIN20060314_173613_000000342046_00012_21108_8217.N1 | 14-MAR-2006 17:36:13 | Bright     | 33.500 | 19  | 50Alp Cyg | 1.2460    | 10500. | 67  | 21108 | No |
| 168 | GOM_NL__2PRFIN20060314_173747_000000352046_00012_21108_8218.N1 | 14-MAR-2006 17:37:47 | Bright     | 35.000 | 66  | 37Gam Cyg | 2.2080    | 5900.0 | 70  | 21108 | No |
| 169 | GOM_NL__2PRFIN20060314_173929_000000352046_00012_21108_8219.N1 | 14-MAR-2006 17:39:29 | Bright     | 34.500 | 92  | 53Eps Cyg | 2.5000    | 4500.0 | 69  | 21108 | No |
| 170 | GOM_NL__2PRFIN20060314_174743_000000502046_00012_21108_8220.N1 | 14-MAR-2006 17:47:43 | Twilight   | 50.000 | 11  | 53Alp Aql | 0.76500   | 8000.0 | 100 | 21108 | No |
| 171 | GOM_NL__2PRFIN20060314_175745_000000452046_00012_21108_8221.N1 | 14-MAR-2006 17:57:45 | Dark       | 45.000 | 155 | 41Pi Sgr  | 2.9000    | 6600.0 | 90  | 21108 | No |
| 172 | GOM_NL__2PRFIN20060314_175946_000000452046_00012_21108_8222.N1 | 14-MAR-2006 17:59:46 | Dark       | 45.000 | 57  | 34Sig Sgr | 2.0660    | 26000. | 90  | 21108 | No |
| 173 | GOM_NL__2PRFIN20060314_180312_000000452046_00012_21108_8223.N1 | 14-MAR-2006 18:03:12 | Dark       | 45.000 | 38  | 20Eps Sgr | 1.8360    | 11000. | 90  | 21108 | No |
| 174 | GOM_NL__2PRFIN20060314_180918_000000422046_00013_21109_8225.N1 | 14-MAR-2006 18:09:18 | Dark       | 42.000 | 141 | Bet Ara   | 2.8400    | 4600.0 | 84  | 21109 | No |
| 175 | GOM_NL__2PRFIN20060314_181303_000000402046_00013_21109_8226.N1 | 14-MAR-2006 18:13:03 | Dark       | 39.500 | 134 | Bet TrA   | 2.8100    | 6600.0 | 79  | 21109 | No |
| 176 | GOM_NL__2PRFIN20060314_181547_000000572046_00013_21109_8227.N1 | 14-MAR-2006 18:15:47 | Dark       | 56.500 | 4   | Alp1Cen   | -0.010000 | 5800.0 | 113 | 21109 | No |
| 177 | GOM_NL__2PRFIN20060314_181701_000000482046_00013_21109_8228.N1 | 14-MAR-2006 18:17:01 | Dark       | 47.500 | 10  | Bet Cen   | 0.61000   | 28000. | 95  | 21109 | No |
| 178 | GOM_NL__2PRFIN20060314_181917_000000422046_00013_21109_8229.N1 | 14-MAR-2006 18:19:17 | Dark       | 42.000 | 20  | Bet Cru   | 1.2530    | 30000. | 84  | 21109 | No |
| 179 | GOM_NL__2PRFIN20060314_182159_000000432046_00013_21109_8230.N1 | 14-MAR-2006 18:21:59 | Straylight | 42.500 | 64  | Gam Cen   | 2.2000    | 10600. | 85  | 21109 | No |
| 180 | GOM_NL__2PRFIN20060314_184151_000000382046_00013_21109_8231.N1 | 14-MAR-2006 18:41:51 | Bright     | 38.000 | 22  | 32Alp Leo | 1.3600    | 15200. | 76  | 21109 | No |
| 181 | GOM_NL__2PRFIN20060314_184408_000000392046_00013_21109_8232.N1 | 14-MAR-2006 18:44:08 | Bright     | 38.500 | 51  | 41Gam1Leo | 2.0100    | 4500.0 | 77  | 21109 | No |
| 182 | GOM_NL__2PRFIN20060314_185200_000000392046_00013_21109_8233.N1 | 14-MAR-2006 18:52:00 | Bright     | 39.000 | 174 | 52Psi UMa | 3.0040    | 4400.0 | 78  | 21109 | No |
| 183 | GOM_NL__2PRFIN20060314_185509_000000382046_00013_21109_8234.N1 | 14-MAR-2006 18:55:09 | Bright     | 38.000 | 82  | 48Bet UMa | 2.3650    | 10600. | 76  | 21109 | No |
| 184 | GOM_NL__2PRFIN20060314_185638_000000412046_00013_21109_8235.N1 | 14-MAR-2006 18:56:38 | Bright     | 40.500 | 36  | 50Alp UMa | 1.8000    | 6300.0 | 81  | 21109 | No |
| 185 | GOM_NL__2PRFIN20060314_190357_000000362046_00013_21109_8236.N1 | 14-MAR-2006 19:03:57 | Bright     | 36.000 | 49  | 1Alp UMi  | 1.9900    | 6300.0 | 72  | 21109 | No |
| 186 | GOM_NL__2PRFIN20060314_191143_000000332046_00013_21109_8237.N1 | 14-MAR-2006 19:11:43 | Bright     | 32.500 | 89  | 5Alp Cep  | 2.4510    | 8000.0 | 65  | 21109 | No |
| 187 | GOM_NL__2PRFIN20060314_191649_000000372046_00013_21109_8238.N1 | 14-MAR-2006 19:16:49 | Bright     | 37.000 | 19  | 50Alp Cyg | 1.2460    | 10500. | 74  | 21109 | No |
| 188 | GOM_NL__2PRFIN20060314_191823_000000382046_00013_21109_8239.N1 | 14-MAR-2006 19:18:23 | Bright     | 38.000 | 66  | 37Gam Cyg | 2.2080    | 5900.0 | 76  | 21109 | No |
| 189 | GOM_NL__2PRFIN20060314_192005_000000372046_00013_21109_8240.N1 | 14-MAR-2006 19:20:05 | Bright     | 36.500 | 92  | 53Eps Cyg | 2.5000    | 4500.0 | 73  | 21109 | No |
| 190 | GOM_NL__2PRFIN20060314_192819_000000512046_00013_21109_8241.N1 | 14-MAR-2006 19:28:19 | Twilight   | 50.500 | 11  | 53Alp Aql | 0.76500   | 8000.0 | 101 | 21109 | No |
| 191 | GOM_NL__2PRFIN20060314_193822_000000462046_00013_21109_8242.N1 | 14-MAR-2006 19:38:22 | Dark       | 45.500 | 155 | 41Pi Sgr  | 2.9000    | 6600.0 | 91  | 21109 | No |
| 192 | GOM_NL__2PRFIN20060314_194023_000000442046_00013_21109_8243.N1 | 14-MAR-2006 19:40:23 | Dark       | 43.500 | 57  | 34Sig Sgr | 2.0660    | 26000. | 87  | 21109 | No |
| 193 | GOM_NL__2PRFIN20060314_194349_000000522046_00013_21109_8244.N1 | 14-MAR-2006 19:43:49 | Dark       | 52.000 | 38  | 20Eps Sgr | 1.8360    | 11000. | 104 | 21109 | No |
| 194 | GOM_NL__2PRFIN20060314_194955_000000422046_00014_21110_8225.N1 | 14-MAR-2006 19:49:55 | Dark       | 42.000 | 141 | Bet Ara   | 2.8400    | 4600.0 | 84  | 21110 | No |
| 195 | GOM_NL__2PRFIN20060314_195340_000000382046_00014_21110_8226.N1 | 14-MAR-2006 19:53:40 | Dark       | 38.000 | 134 | Bet TrA   | 2.8100    | 6600.0 | 76  | 21110 | No |
| 196 | GOM_NL__2PRFIN20060314_195623_000000432046_00014_21110_8227.N1 | 14-MAR-2006 19:56:23 | Dark       | 43.000 | 4   | Alp1Cen   | -0.010000 | 5800.0 | 86  | 21110 | No |
| 197 | GOM_NL__2PRFIN20060314_195737_000000442046_00014_21110_8228.N1 | 14-MAR-2006 19:57:37 | Dark       | 44.000 | 10  | Bet Cen   | 0.61000   | 28000. | 88  | 21110 | No |
| 198 | GOM_NL__2PRFIN20060314_195954_000000432046_00014_21110_8229.N1 | 14-MAR-2006 19:59:54 | Dark       | 43.000 | 20  | Bet Cru   | 1.2530    | 30000. | 86  | 21110 | No |
| 199 | GOM_NL__2PRFIN20060314_200235_000000402046_00014_21110_8230.N1 | 14-MAR-2006 20:02:35 | Straylight | 39.500 | 64  | Gam Cen   | 2.2000    | 10600. | 79  | 21110 | No |
| 200 | GOM_NL__2PRFIN20060314_202227_000000372046_00014_21110_8231.N1 | 14-MAR-2006 20:22:27 | Bright     | 37.000 | 22  | 32Alp Leo | 1.3600    | 15200. | 74  | 21110 | No |
| 201 | GOM_NL__2PRFIN20060314_202443_000000382046_00014_21110_8232.N1 | 14-MAR-2006 20:24:43 | Bright     | 37.500 | 51  | 41Gam1Leo | 2.0100    | 4500.0 | 75  | 21110 | No |
| 202 | GOM_NL__2PRFIN20060314_203236_000000392046_00014_21110_8233.N1 | 14-MAR-2006 20:32:36 | Bright     | 38.500 | 174 | 52Psi UMa | 3.0040    | 4400.0 | 77  | 21110 | No |
| 203 | GOM_NL__2PRFIN20060314_203545_000000392046_00014_21110_8234.N1 | 14-MAR-2006 20:35:45 | Bright     | 39.000 | 82  | 48Bet UMa | 2.3650    | 10600. | 78  | 21110 | No |
| 204 | GOM_NL__2PRFIN20060314_203714_000000392046_00014_21110_8235.N1 | 14-MAR-2006 20:37:14 | Bright     | 39.000 | 36  | 50Alp UMa | 1.8000    | 6300.0 | 78  | 21110 | No |
| 205 | GOM_NL__2PRFIN20060314_204433_000000352046_00014_21110_8236.N1 | 14-MAR-2006 20:44:33 | Bright     | 35.000 | 49  | 1Alp UMi  | 1.9900    | 6300.0 | 70  | 21110 | No |
| 206 | GOM_NL__2PRFIN20060314_205218_000000342046_00014_21110_8237.N1 | 14-MAR-2006 20:52:18 | Bright     | 33.500 | 89  | 5Alp Cep  | 2.4510    | 8000.0 | 67  | 21110 | No |
| 207 | GOM_NL__2PRFIN20060314_205725_000000362046_00014_21110_8238.N1 | 14-MAR-2006 20:57:25 | Bright     | 36.000 | 19  | 50Alp Cyg | 1.2460    | 10500. | 72  | 21110 | No |
| 208 | GOM_NL__2PRFIN20060314_205859_000000382046_00014_21110_8239.N1 | 14-MAR-2006 20:58:59 | Bright     | 38.000 | 66  | 37Gam Cyg | 2.2080    | 5900.0 | 76  | 21110 | No |
| 209 | GOM_NL__2PRFIN20060314_210041_000000372046_00014_21110_8240.N1 | 14-MAR-2006 21:00:41 | Bright     | 36.500 | 92  | 53Eps Cyg | 2.5000    | 4500.0 | 73  | 21110 | No |
| 210 | GOM_NL__2PRFIN20060314_210855_000000502046_00014_21110_8241.N1 | 14-MAR-2006 21:08:55 | Twilight   | 49.500 | 11  | 53Alp Aql | 0.76500   | 8000.0 | 99  | 21110 | No |
| 211 | GOM_NL__2PRFIN20060314_211859_000000462046_00014_21110_8242.N1 | 14-MAR-2006 21:18:59 | Dark       | 45.500 | 155 | 41Pi Sgr  | 2.9000    | 6600.0 | 91  | 21110 | No |
| 212 | GOM_NL__2PRFIN20060314_212100_000000462046_00014_21110_8243.N1 | 14-MAR-2006 21:21:00 | Dark       | 45.500 | 57  | 34Sig Sgr | 2.0660    | 26000. | 91  | 21110 | No |
| 213 | GOM_NL__2PRFIN20060314_212426_000000482046_00014_21110_8244.N1 | 14-MAR-2006 21:24:26 | Dark       | 47.500 | 38  | 20Eps Sgr | 1.8360    | 11000. | 95  | 21110 | No |
| 214 | GOM_NL__2PRFIN20060314_213031_000000402046_00015_21111_8227.N1 | 14-MAR-2006 21:30:31 | Dark       | 40.000 | 141 | Bet Ara   | 2.8400    | 4600.0 | 80  | 21111 | No |
| 215 | GOM_NL__2PRFIN20060314_213416_000000382046_00015_21111_8228.N1 | 14-MAR-2006 21:34:16 | Dark       | 38.000 | 134 | Bet TrA   | 2.8100    | 6600.0 | 76  | 21111 | No |
| 216 | GOM_NL__2PRFIN20060314_213700_000000452046_00015_21111_8229.N1 | 14-MAR-2006 21:37:00 | Dark       | 44.500 | 4   | Alp1Cen   | -0.010000 | 5800.0 | 89  | 21111 | No |
| 217 | GOM_NL__2PRFIN20060314_213814_000000502046_00015_21111_8230.N1 | 14-MAR-2006 21:38:14 | Dark       | 50.000 | 10  | Bet Cen   | 0.61000   | 28000. | 100 | 21111 | No |
| 218 | GOM_NL__2PRFIN20060314_214030_000000392046_00015_21111_8231.N1 | 14-MAR-2006 21:40:30 | Dark       | 38.500 | 20  | Bet Cru   | 1.2530    | 30000. | 77  | 21111 | No |
| 219 | GOM_NL__2PRFIN20060314_214311_000000442046_00015_21111_8232.N1 | 14-MAR-2006 21:43:11 | Straylight | 43.500 | 64  | Gam Cen   | 2.2000    | 10600. | 87  | 21111 | No |

|     |  |                      |                |        |     |           |         |        |     |       |    |
|-----|--|----------------------|----------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 220 | GOM_NL__2PRFIN20060314_220303_000000382046_00015_21111_8233.N1 | 14-MAR-2006 22:03:03 | Bright         | 37.500 | 22  | 32Alp Leo | 1.3600  | 15200. | 75  | 21111 | No |
| 221 | GOM_NL__2PRFIN20060314_220519_000000362046_00015_21111_8234.N1 | 14-MAR-2006 22:05:19 | Bright         | 35.500 | 51  | 41Gam1Leo | 2.0100  | 4500.0 | 71  | 21111 | No |
| 222 | GOM_NL__2PRFIN20060314_221311_000000372046_00015_21111_8235.N1 | 14-MAR-2006 22:13:11 | Bright         | 37.000 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 74  | 21111 | No |
| 223 | GOM_NL__2PRFIN20060314_221620_000000372046_00015_21111_8236.N1 | 14-MAR-2006 22:16:20 | Bright         | 37.000 | 82  | 48Bet UMa | 2.3650  | 10600. | 74  | 21111 | No |
| 224 | GOM_NL__2PRFIN20060314_221749_000000402046_00015_21111_8237.N1 | 14-MAR-2006 22:17:49 | Bright         | 39.500 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 79  | 21111 | No |
| 225 | GOM_NL__2PRFIN20060314_222509_000000352046_00015_21111_8238.N1 | 14-MAR-2006 22:25:09 | Bright         | 34.500 | 49  | 1Alp UMi  | 1.9900  | 6300.0 | 69  | 21111 | No |
| 226 | GOM_NL__2PRFIN20060314_223254_000000362046_00015_21111_8239.N1 | 14-MAR-2006 22:32:54 | Bright         | 35.500 | 89  | 5Alp Cep  | 2.4510  | 8000.0 | 71  | 21111 | No |
| 227 | GOM_NL__2PRFIN20060314_223801_000000352046_00015_21111_8240.N1 | 14-MAR-2006 22:38:01 | Bright         | 35.000 | 19  | 50Alp Cyg | 1.2460  | 10500. | 70  | 21111 | No |
| 228 | GOM_NL__2PRFIN20060314_223935_000000372046_00015_21111_8241.N1 | 14-MAR-2006 22:39:35 | Bright         | 36.500 | 66  | 37Gam Cyg | 2.2080  | 5900.0 | 73  | 21111 | No |
| 229 | GOM_NL__2PRFIN20060314_224117_000000352046_00015_21111_8242.N1 | 14-MAR-2006 22:41:17 | Bright         | 34.500 | 92  | 53Eps Cyg | 2.5000  | 4500.0 | 69  | 21111 | No |
| 230 | GOM_NL__2PRFIN20060314_224932_000000502046_00015_21111_8243.N1 | 14-MAR-2006 22:49:32 | Twilight_stray | 50.000 | 11  | 53Alp Aql | 0.76500 | 8000.0 | 100 | 21111 | No |

### 3. Quality information per product

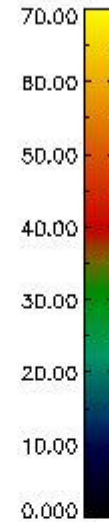
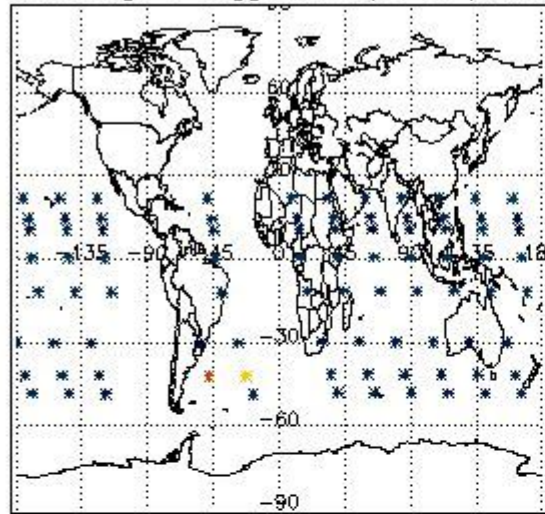
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

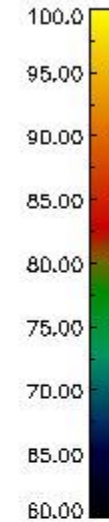
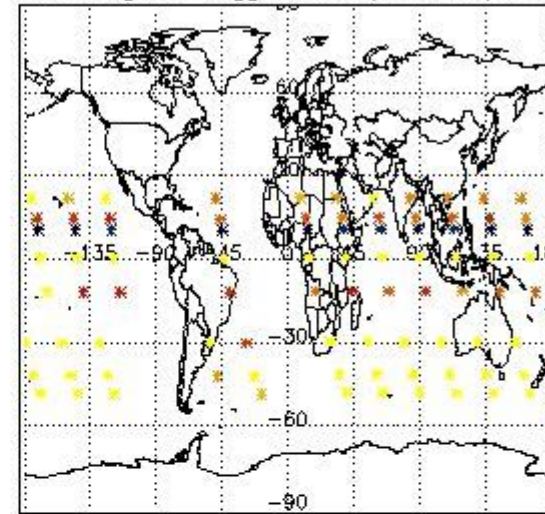


#### 3.2 Plot quality information per product (world map)

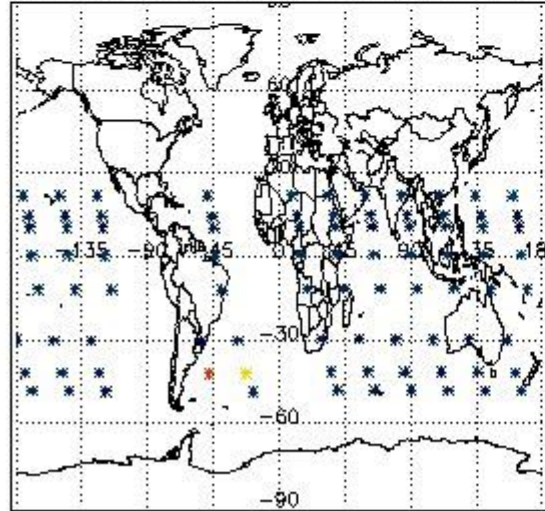
Percentage of flagged data per O3 profile



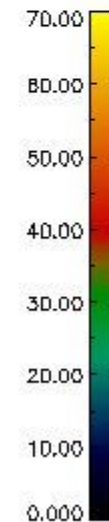
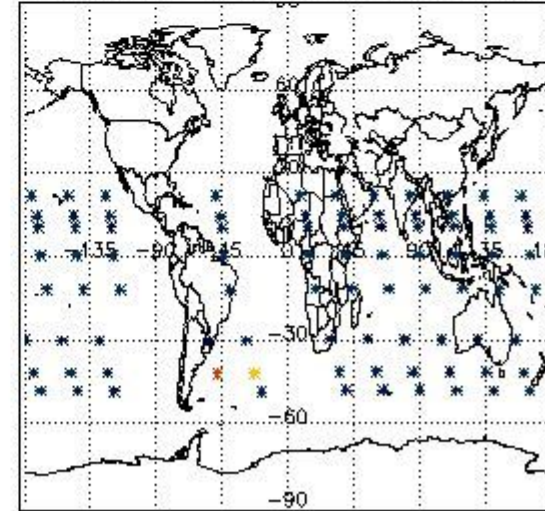
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



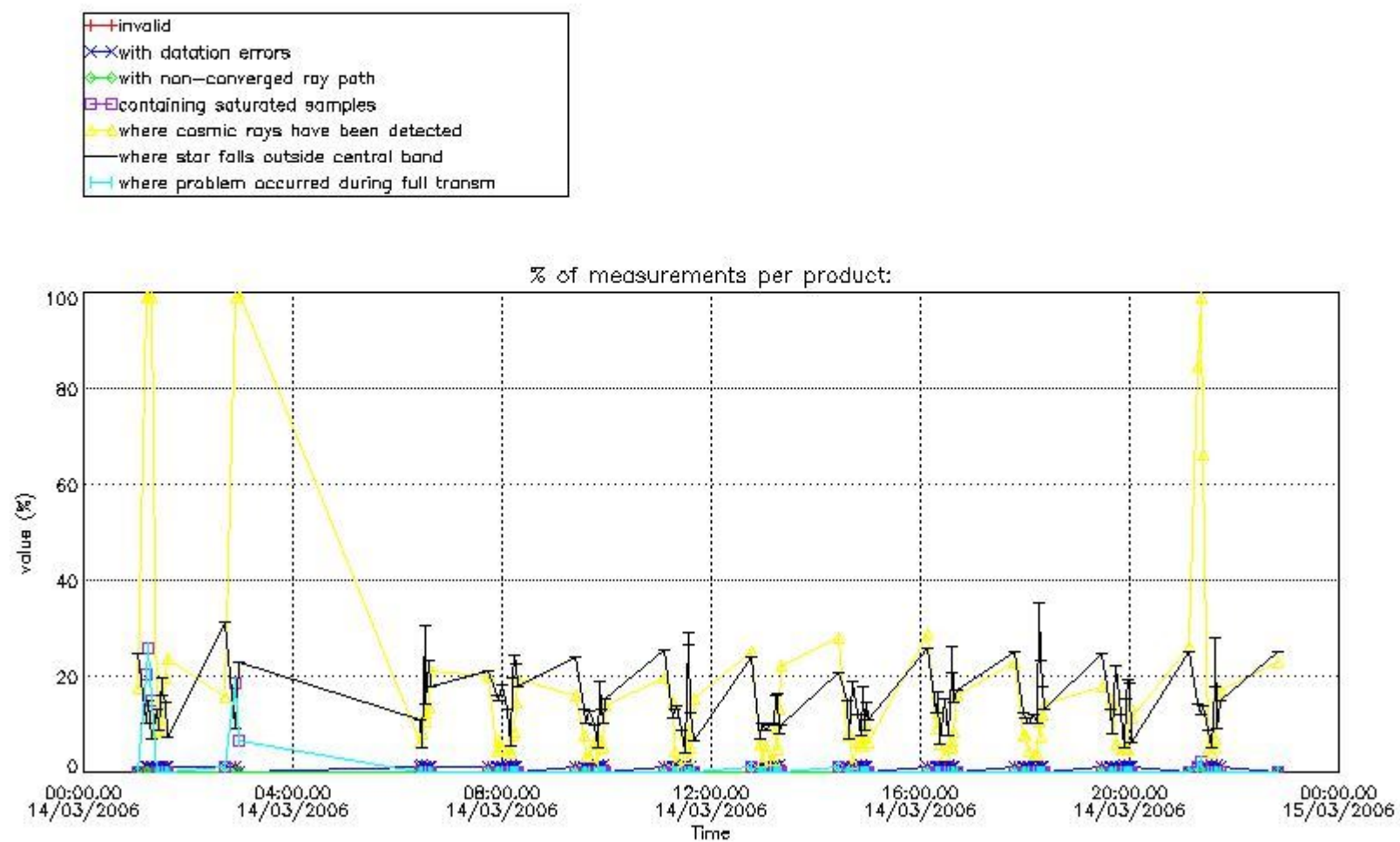
#### 4. Level 1 quality information per product

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.

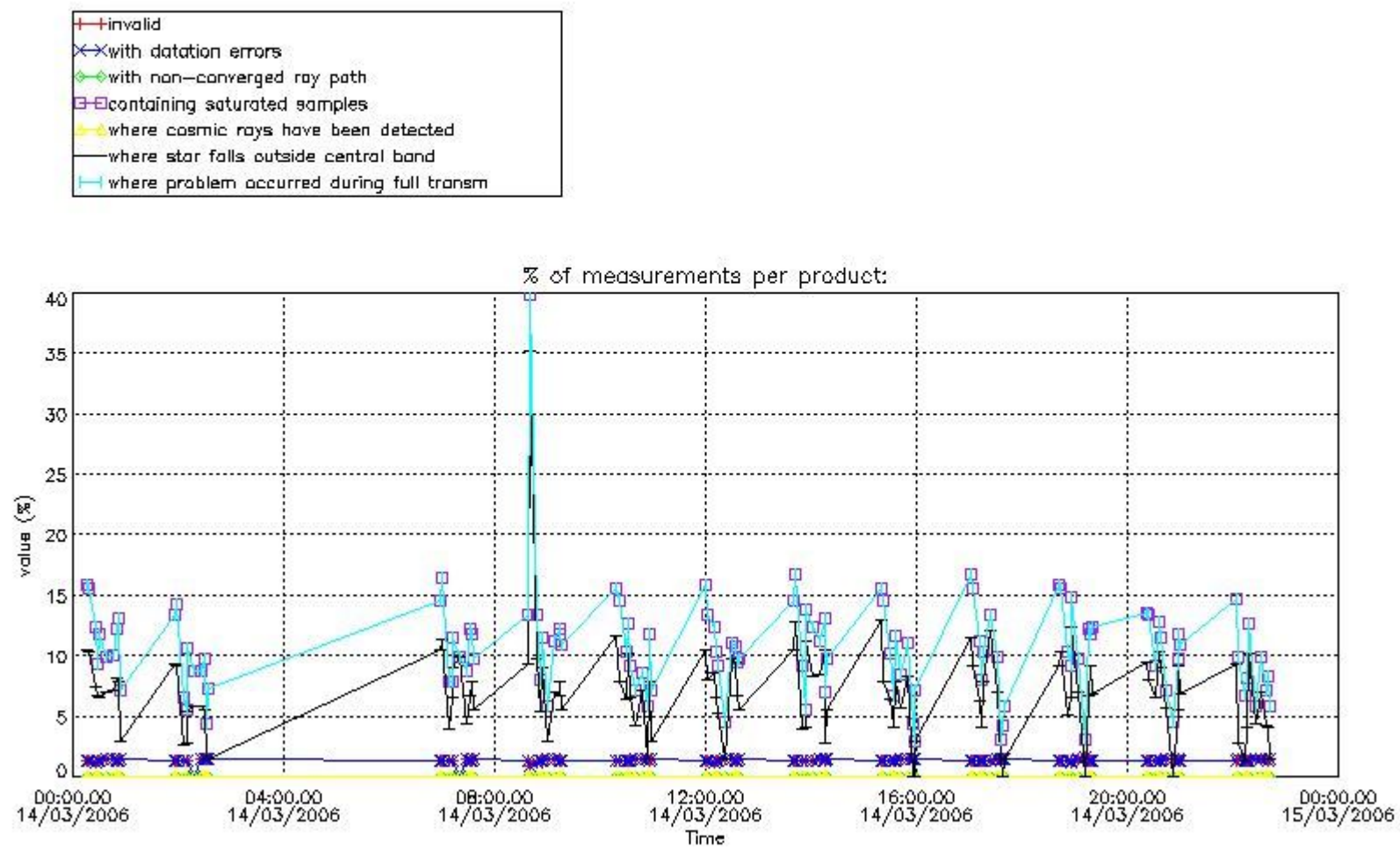
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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





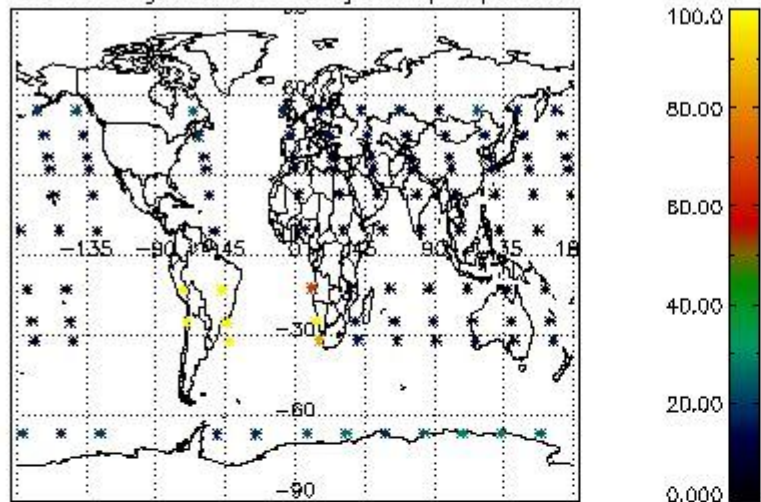
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



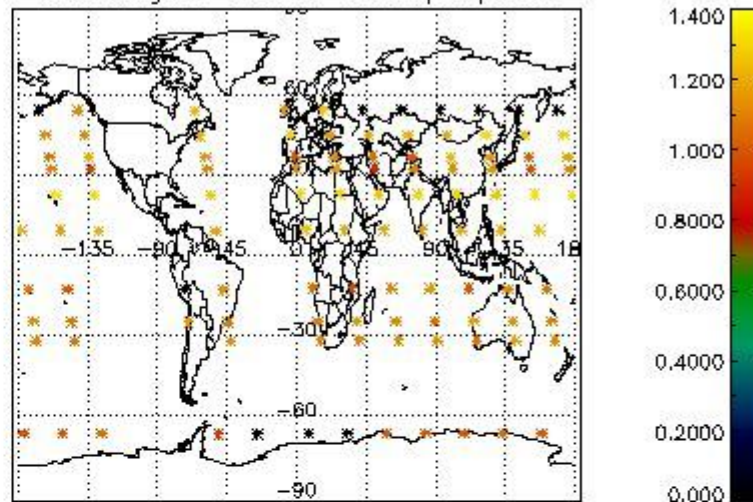
4.2 Plot quality information per product coming from level 1b processing (world map)

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

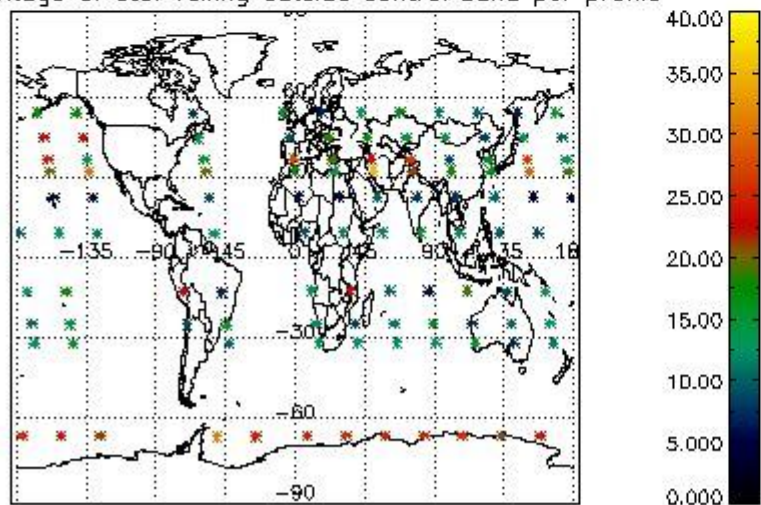
Percentage of cosmic ray hits per profile



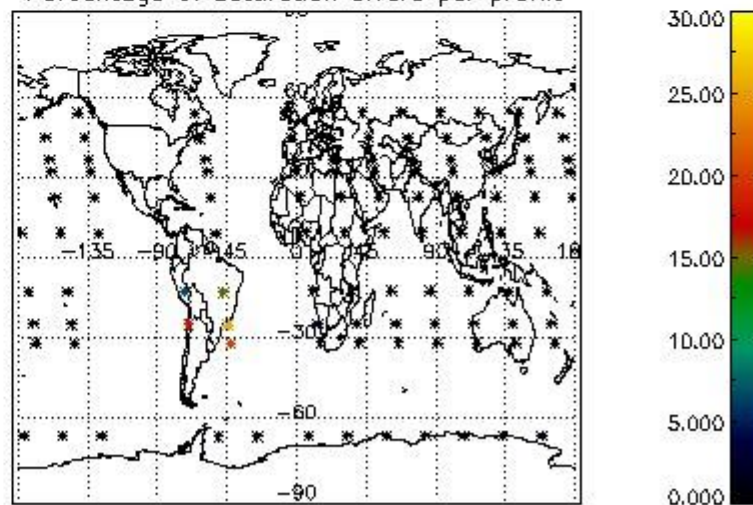
Percentage of datation errors per profile



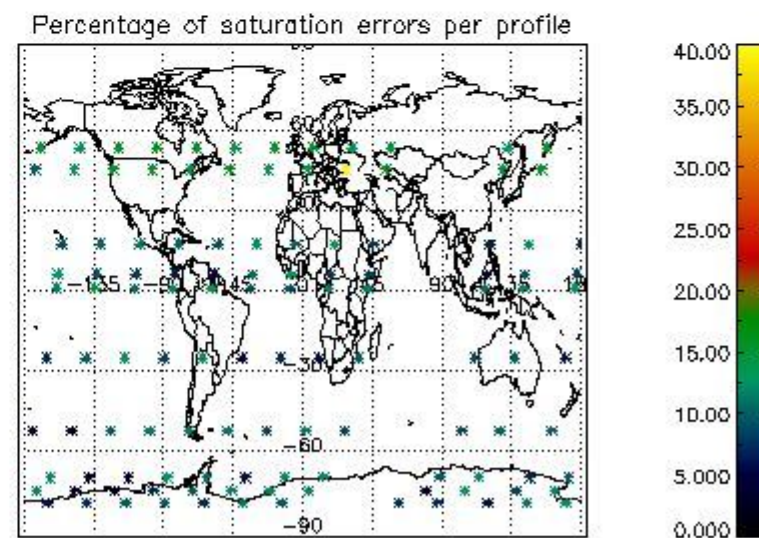
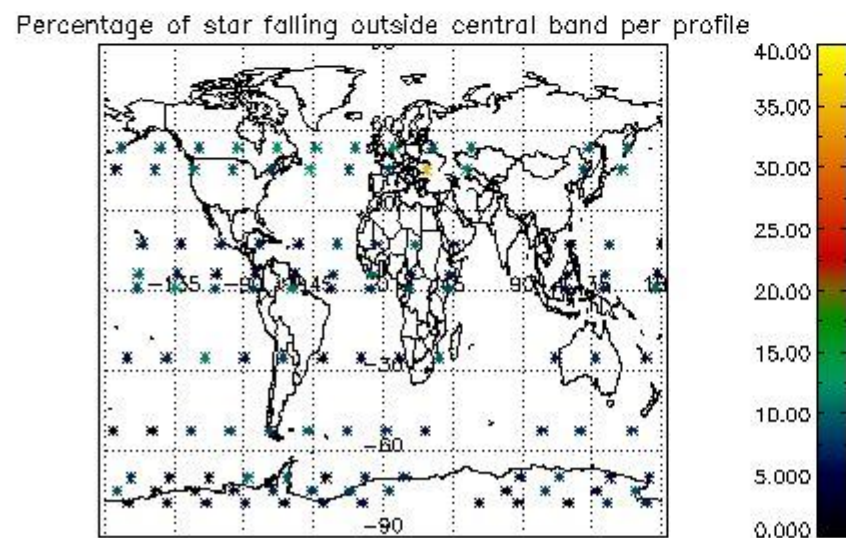
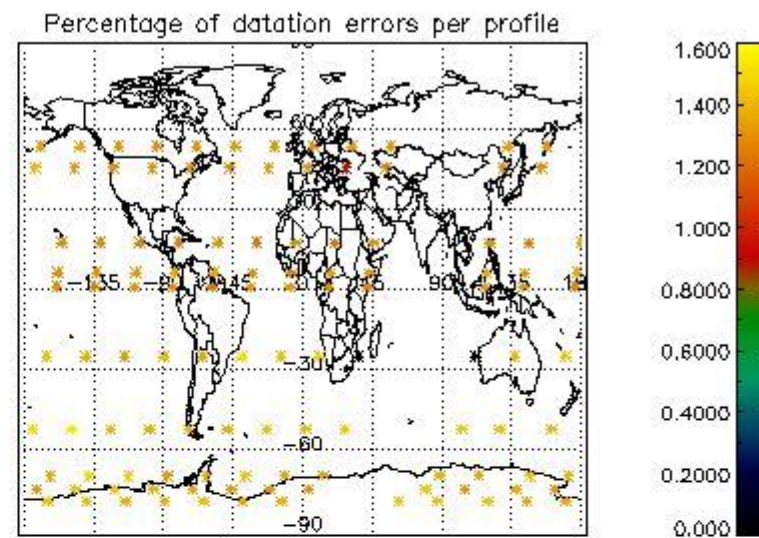
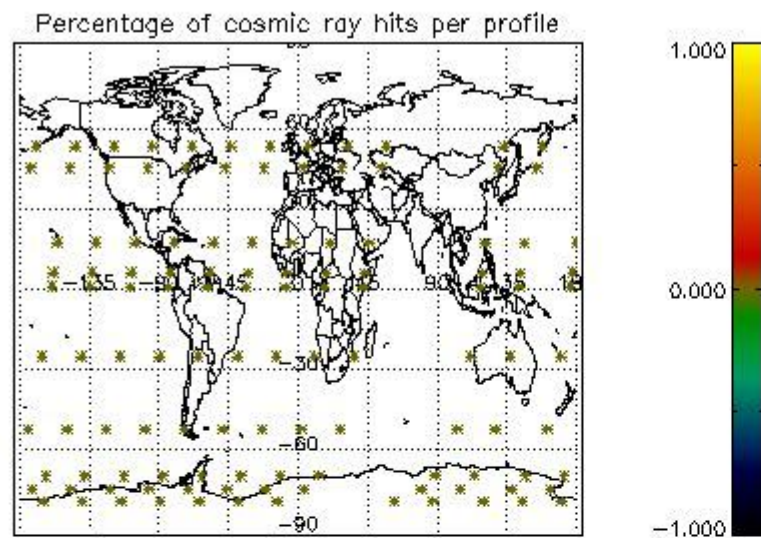
Percentage of star falling outside central band per profile



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

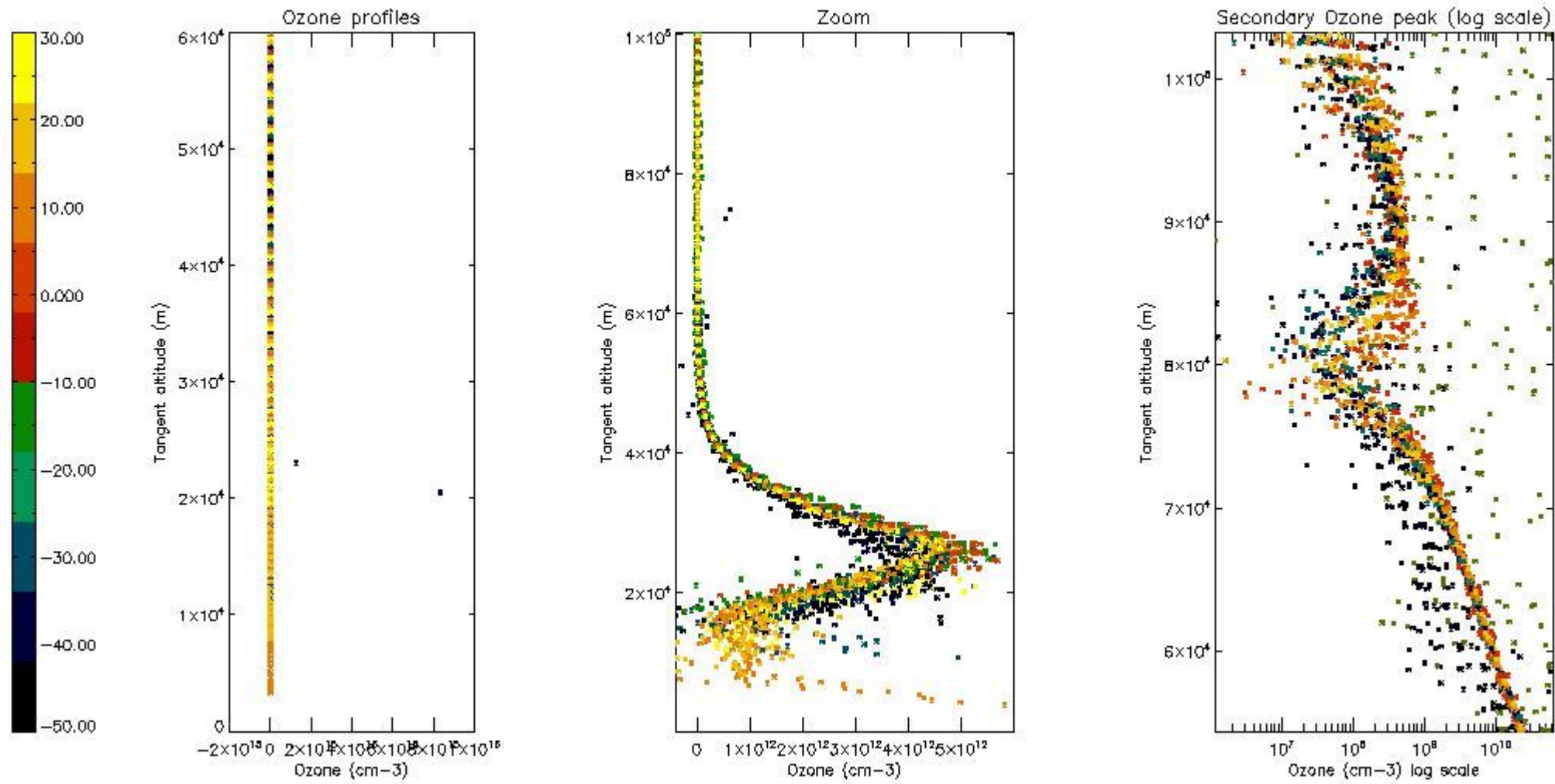
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD  | 42                    |
| STD < 20 | 24                    |

|          |    |
|----------|----|
| STD < 10 | 19 |
| STD < 5  | 14 |

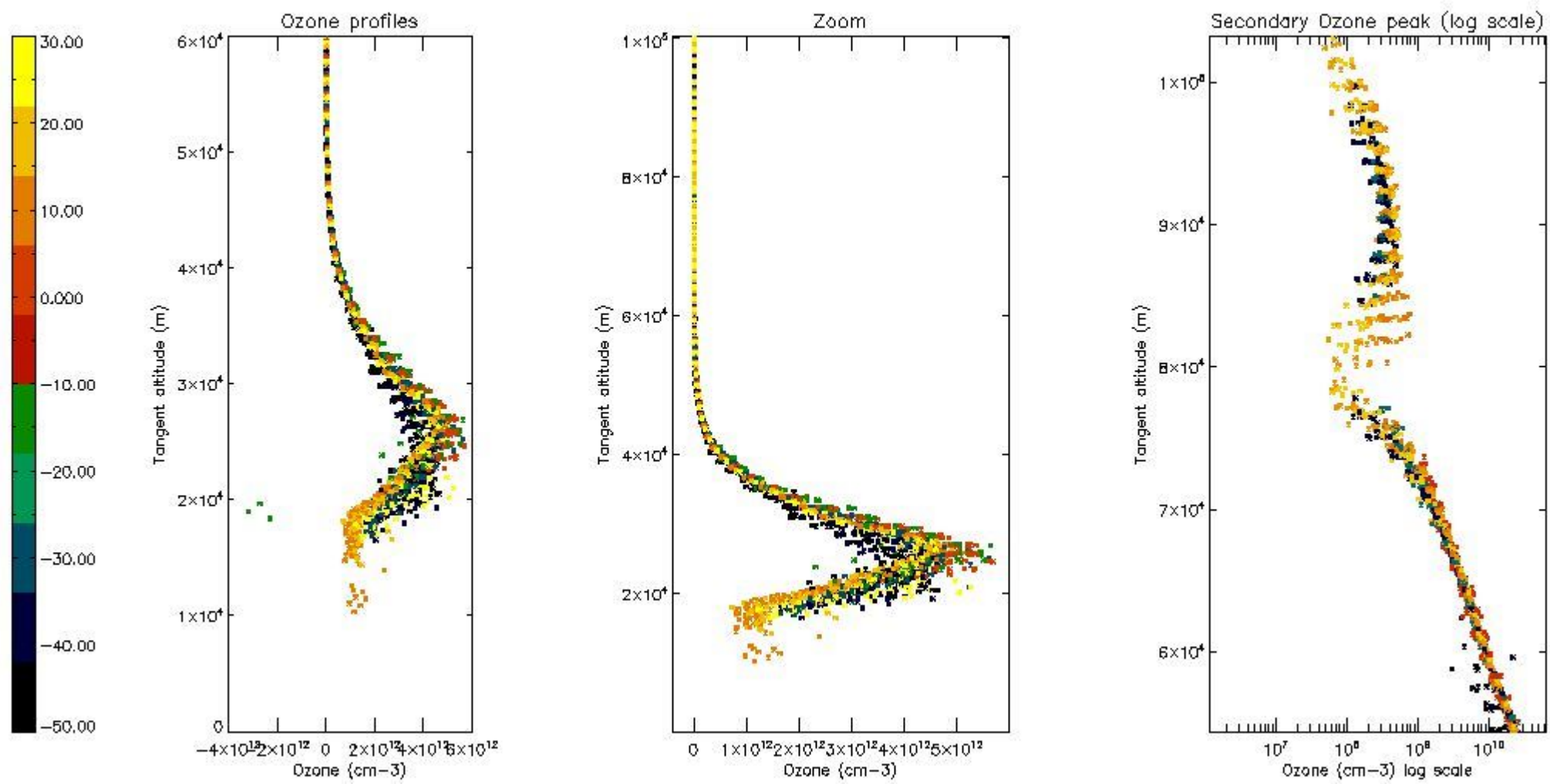
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



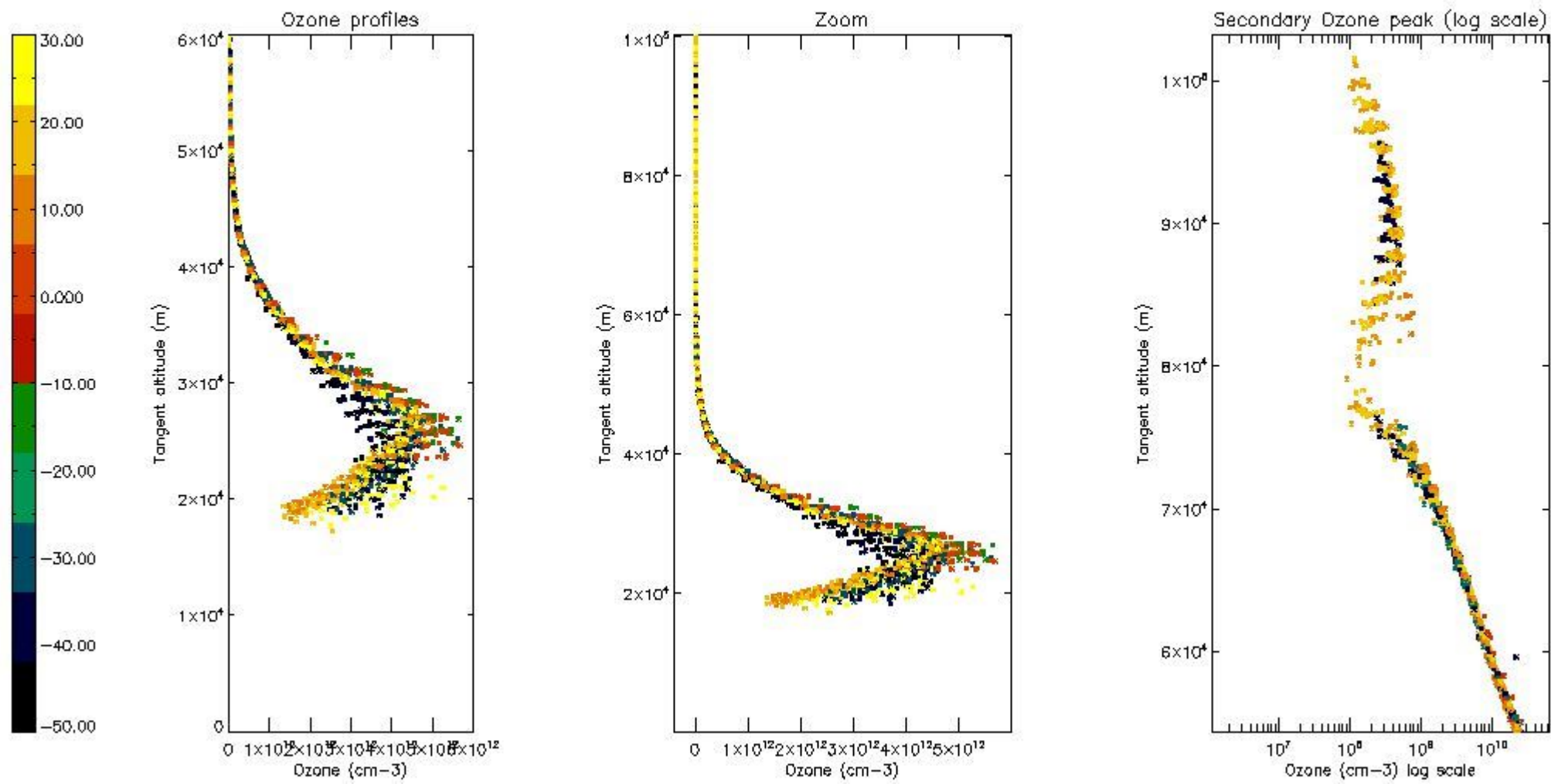
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



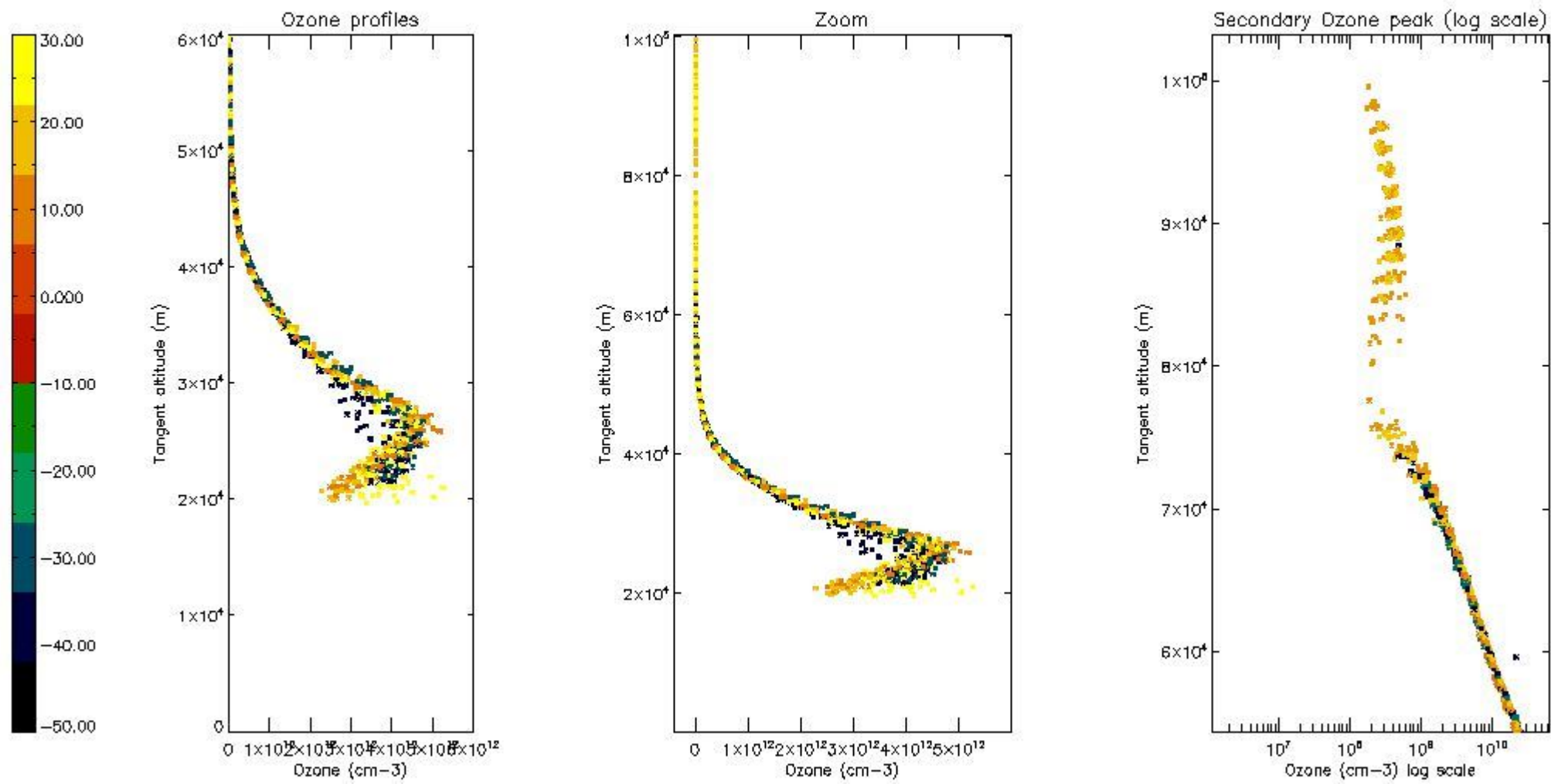
5.4 Plot ozone profiles where  $STD < 10\%$  (dark without errors)

The colorbar represents the latitude.



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

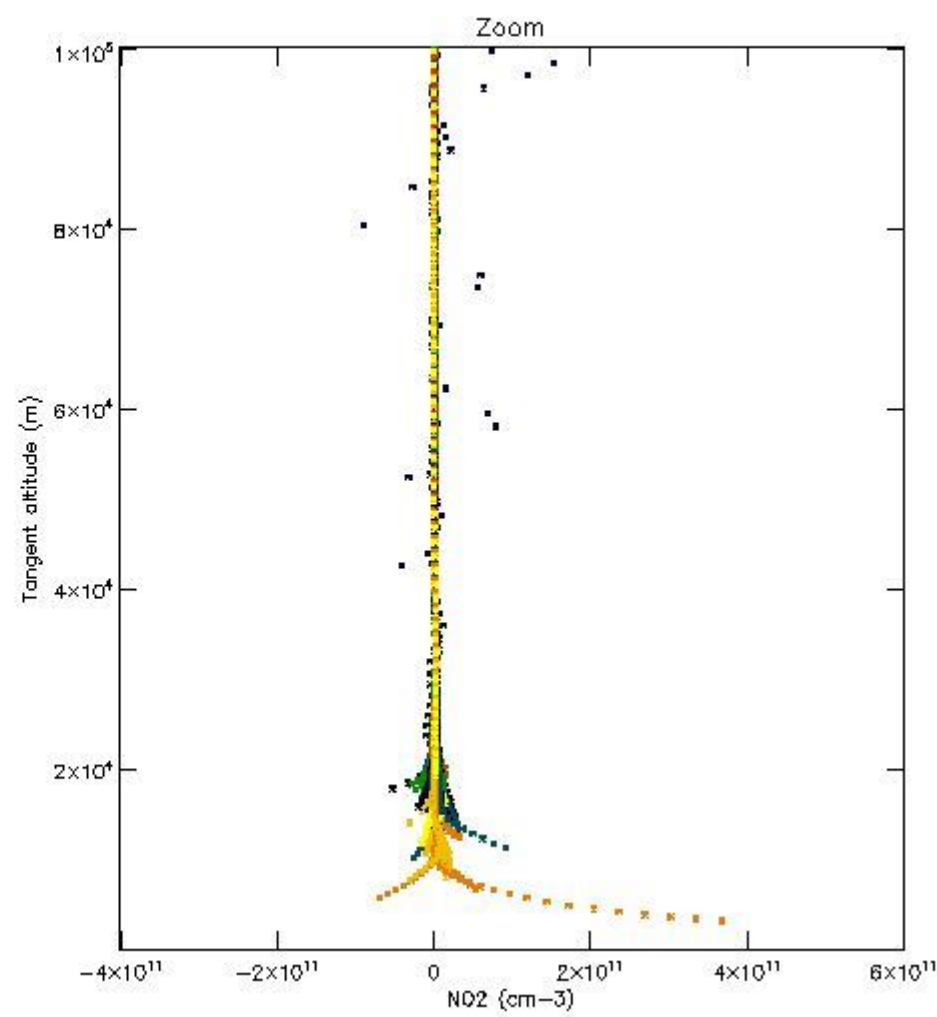
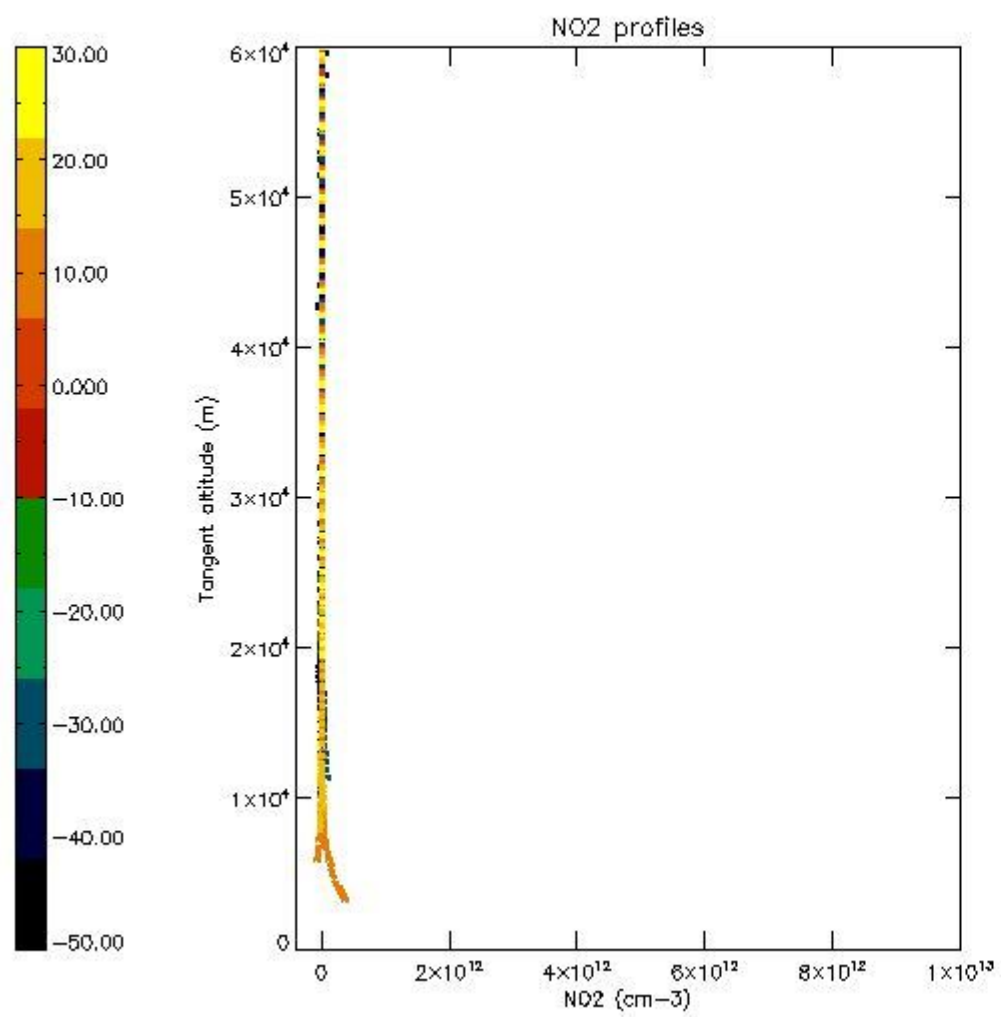
The colorbar represents the latitude.



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

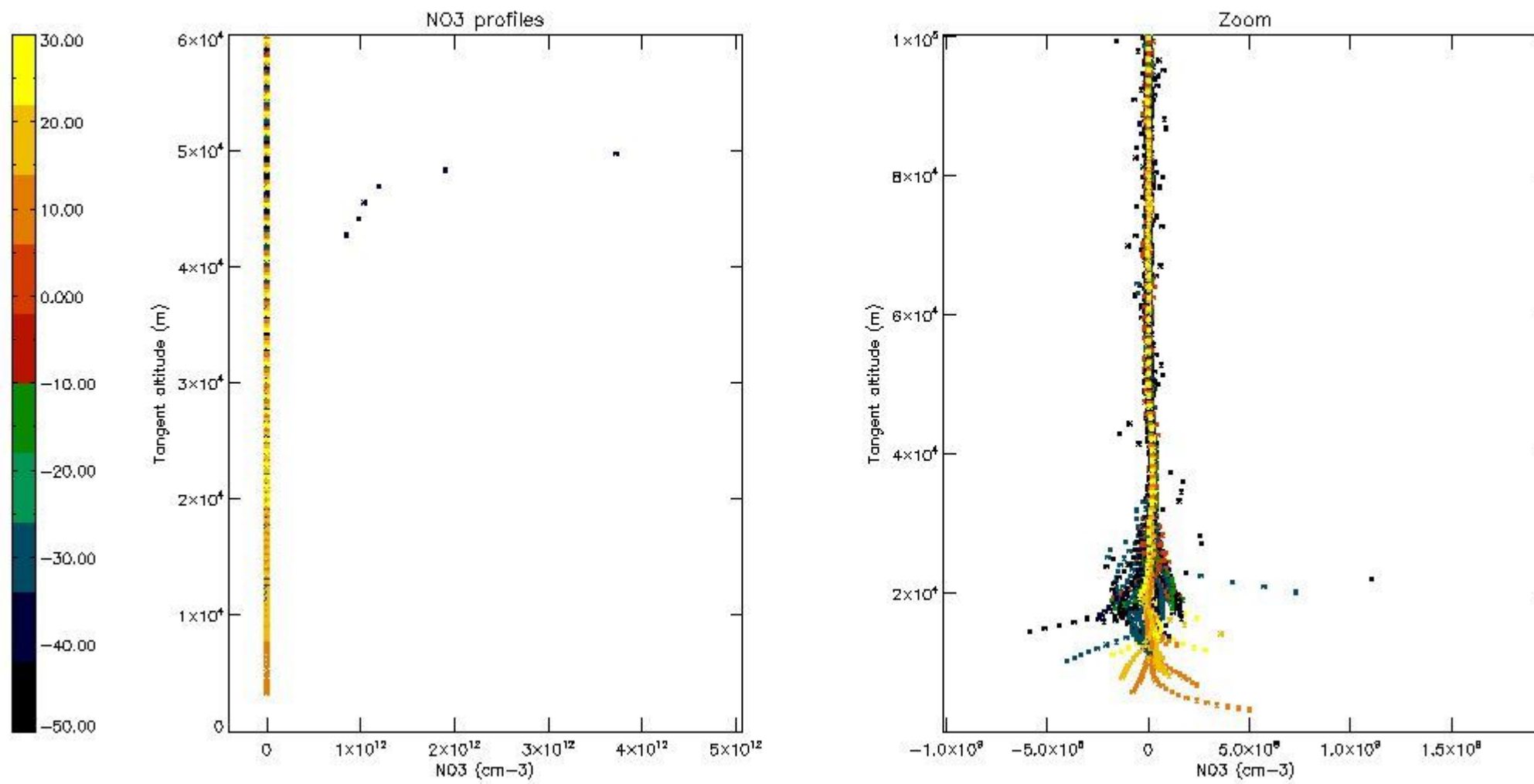
The colorbar represents the latitude.





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

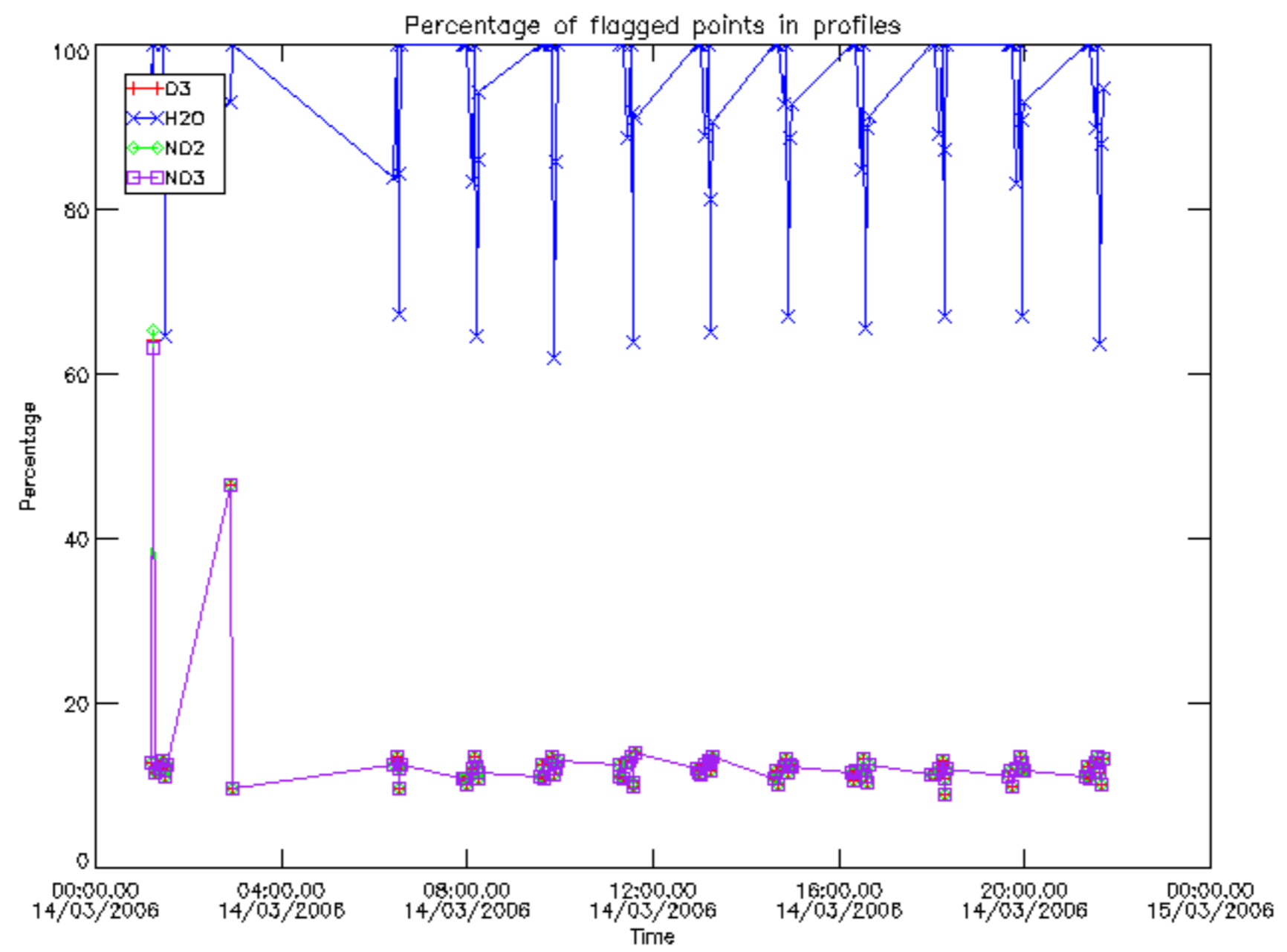
The colorbar represents the latitude.



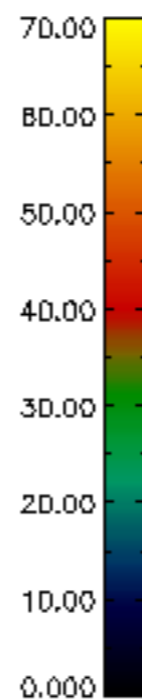
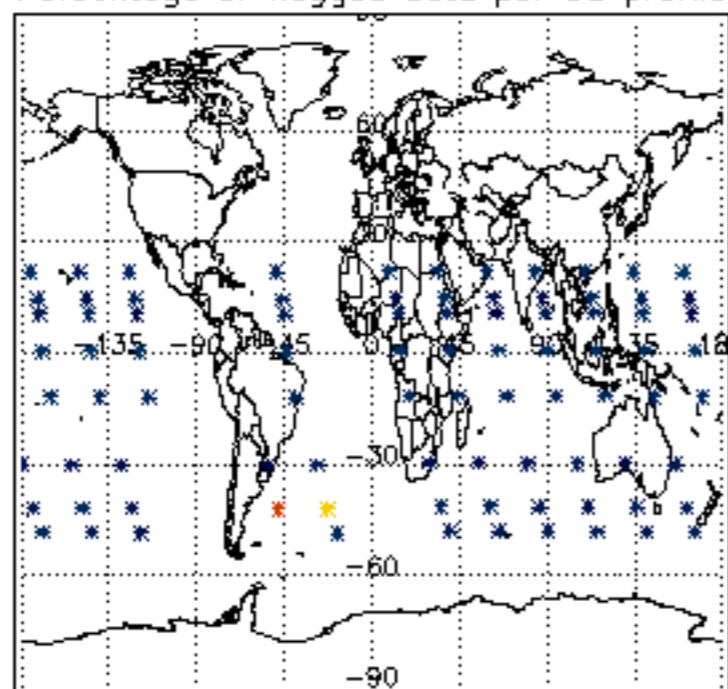
## 6. Auxiliary Data Files used for the production reported in section 2

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.

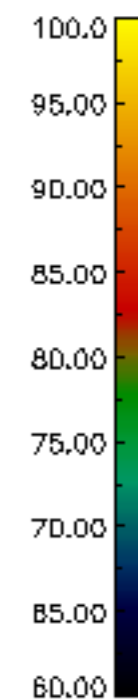
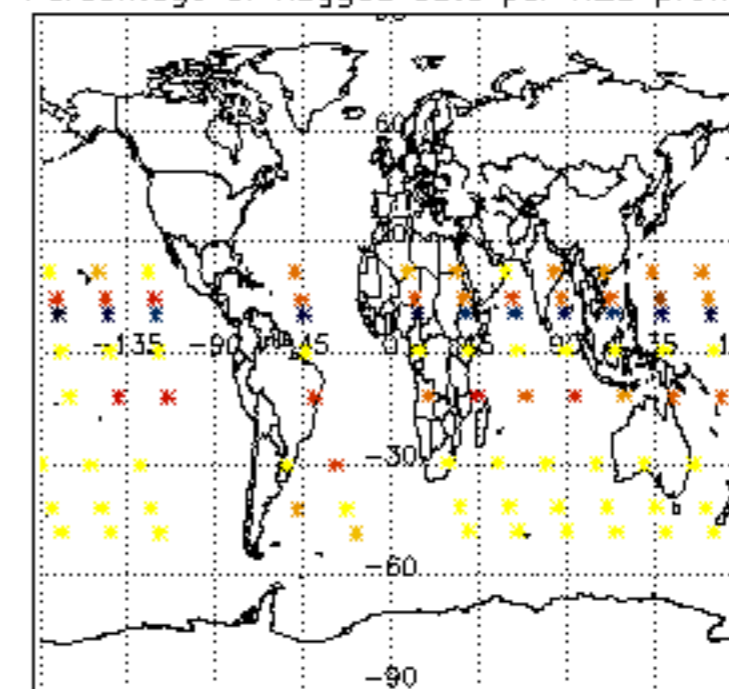
| Type                      | Auxiliary Filename  | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1                  | 14-MAR-2006 00:15:15    |
| LEVEL-2_PROC_CONFIG       | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1                  | 14-MAR-2006 00:15:15    |
| CROSS_SECTIONS_FILE       | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1                  | 14-MAR-2006 00:15:15    |



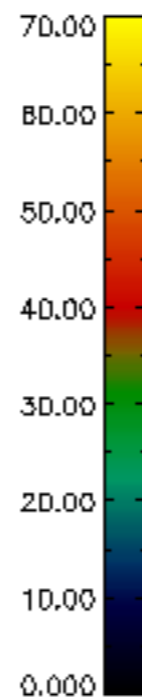
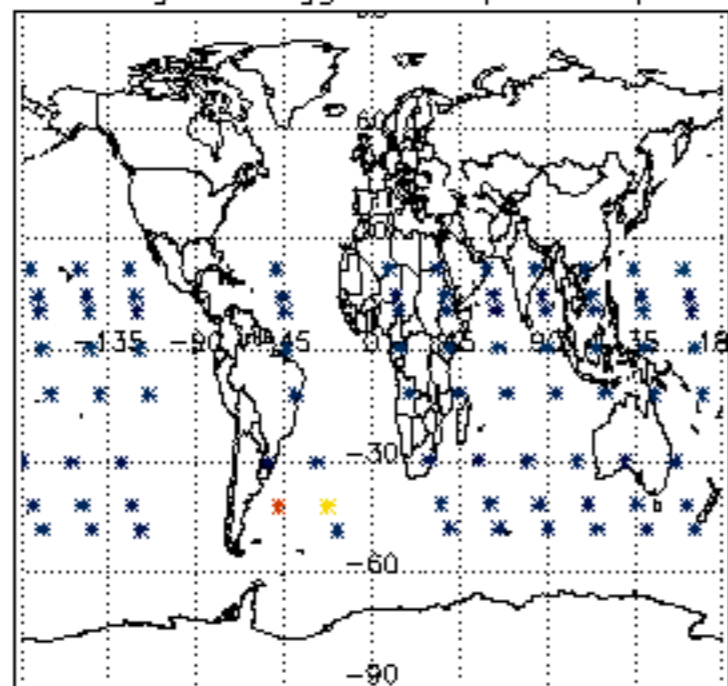
Percentage of flagged data per D3 profile



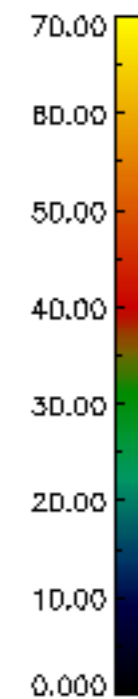
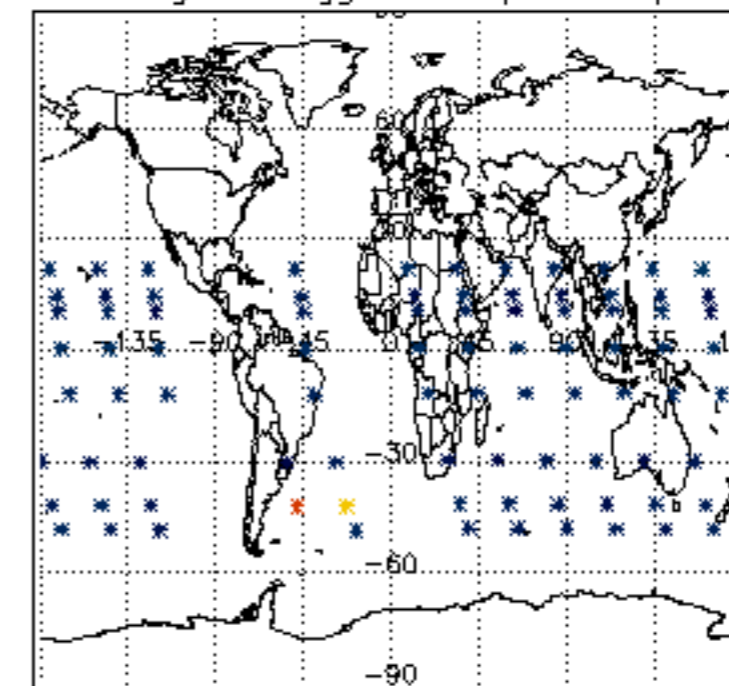
Percentage of flagged data per H2O profile

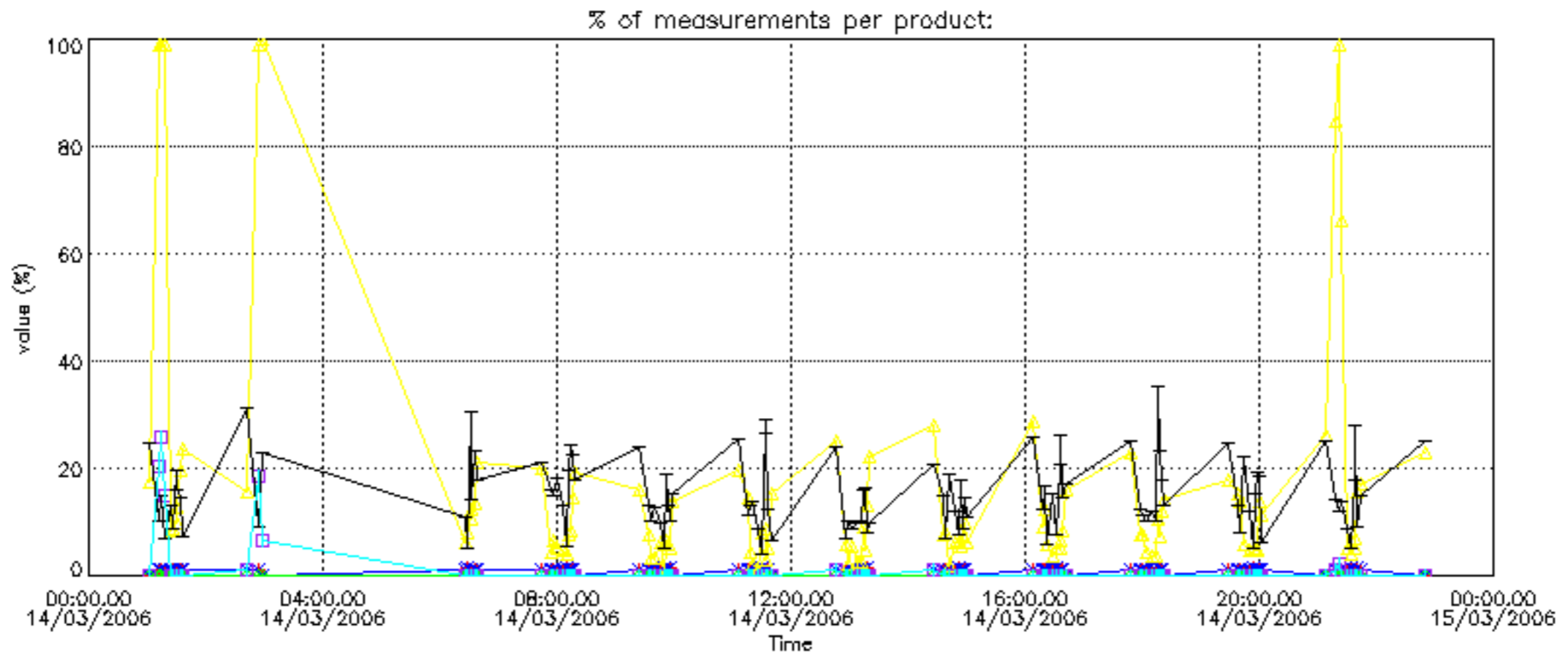
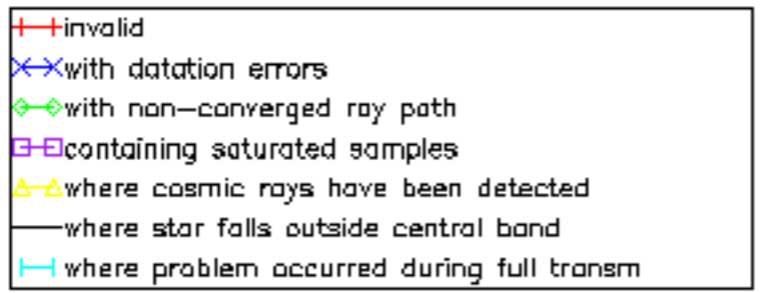


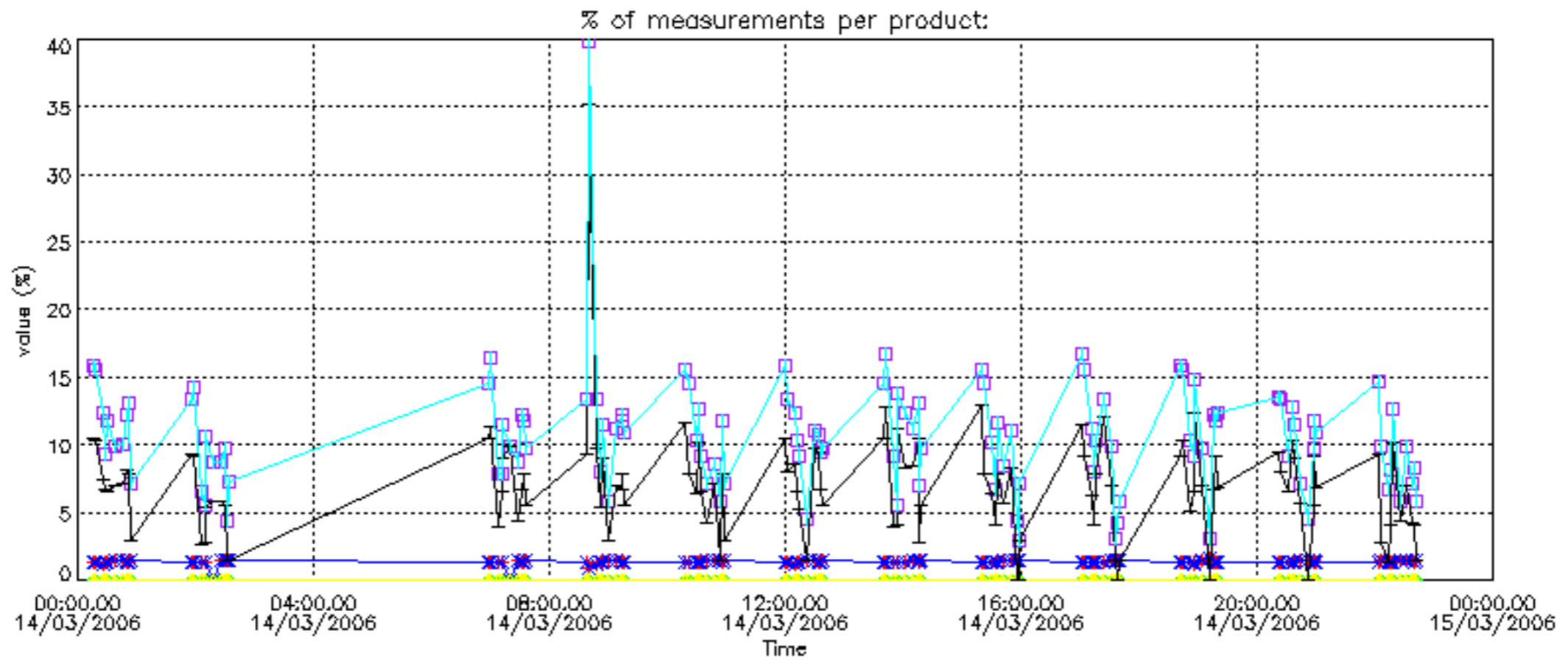
Percentage of flagged data per NO2 profile



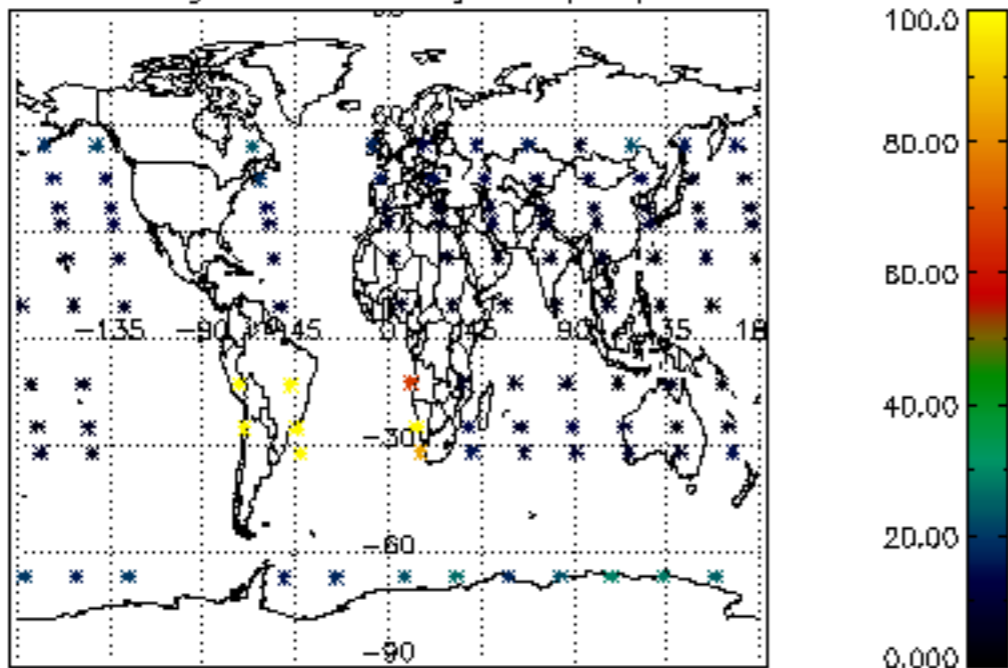
Percentage of flagged data per NO3 profile



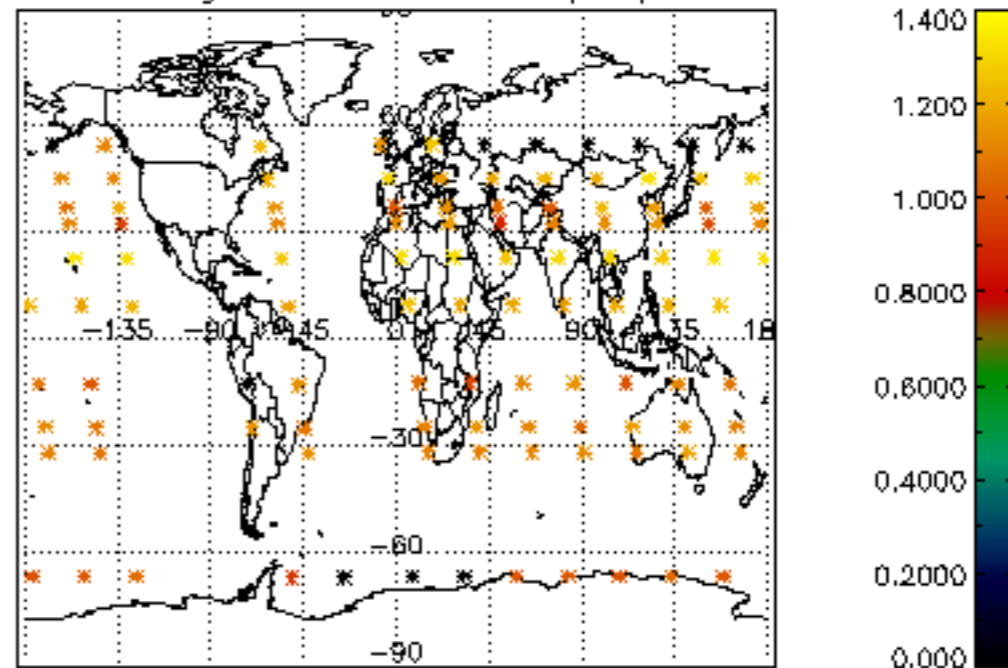




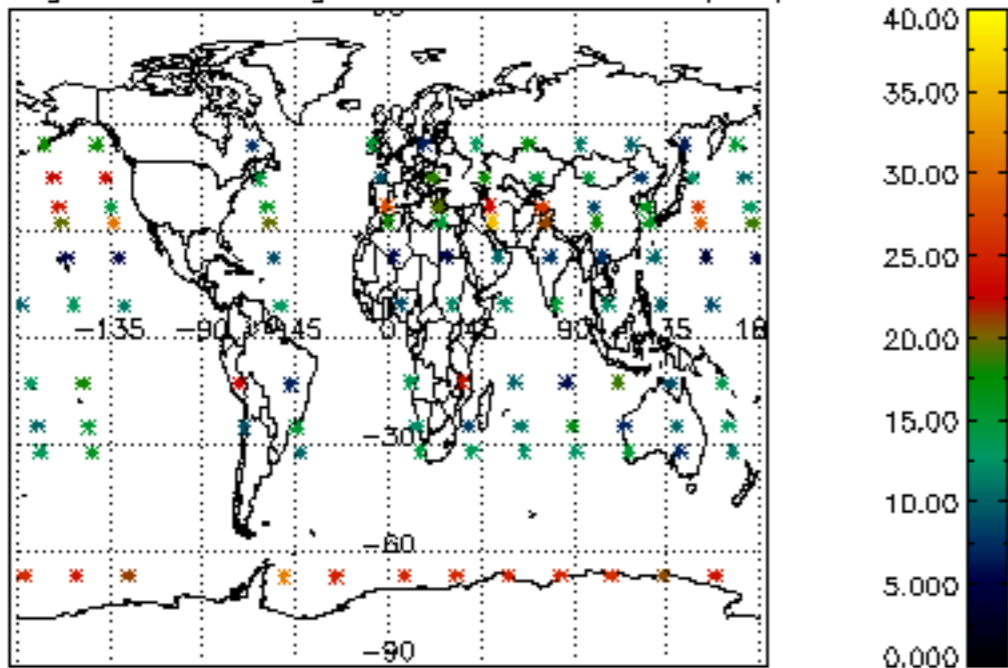
Percentage of cosmic ray hits per profile



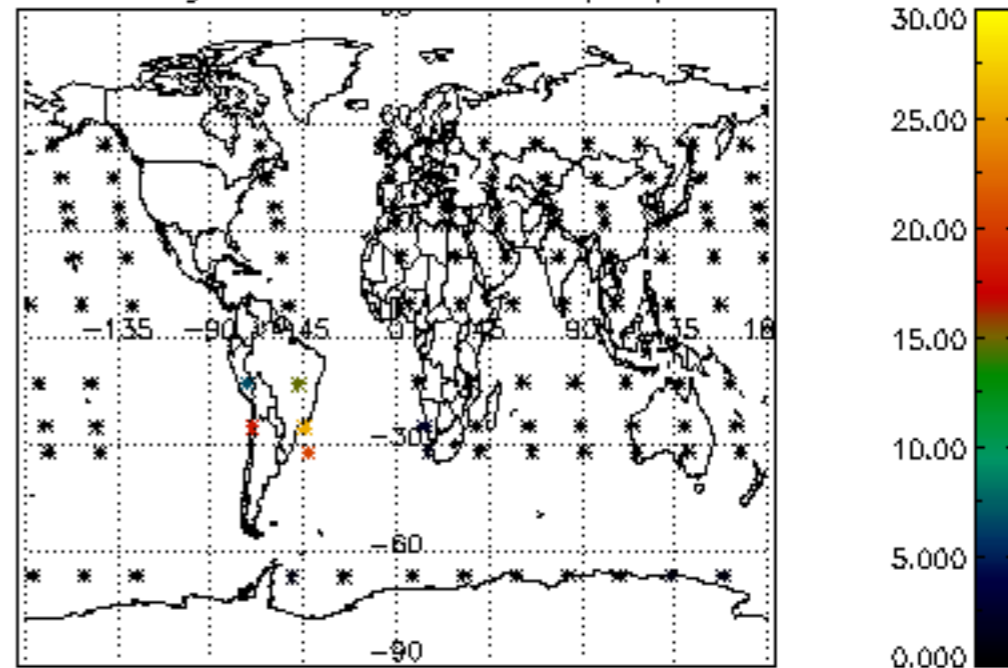
Percentage of datation errors per profile



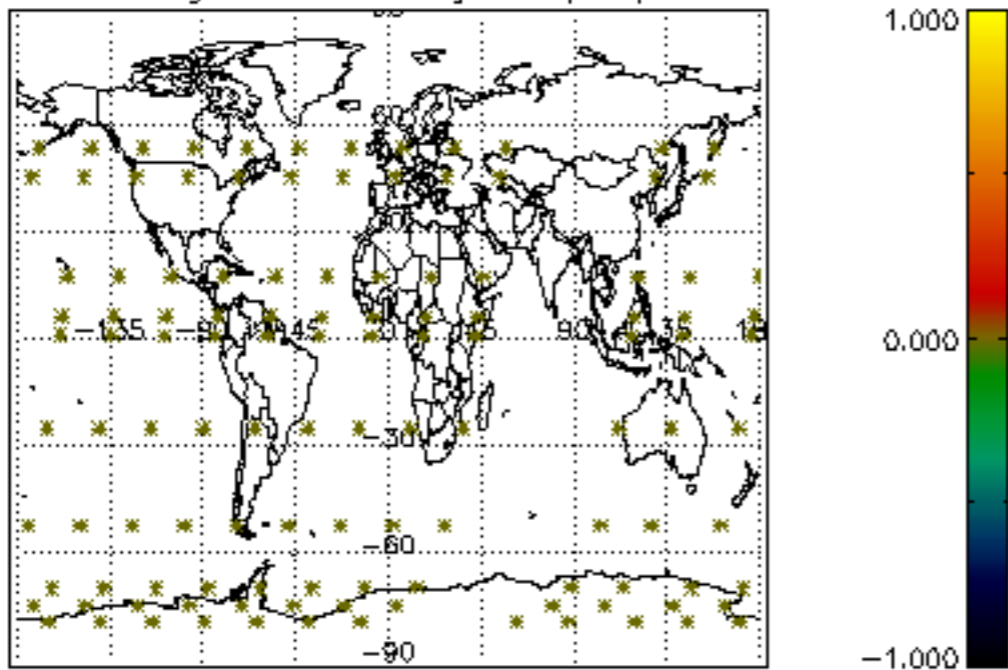
Percentage of star falling outside central band per profile



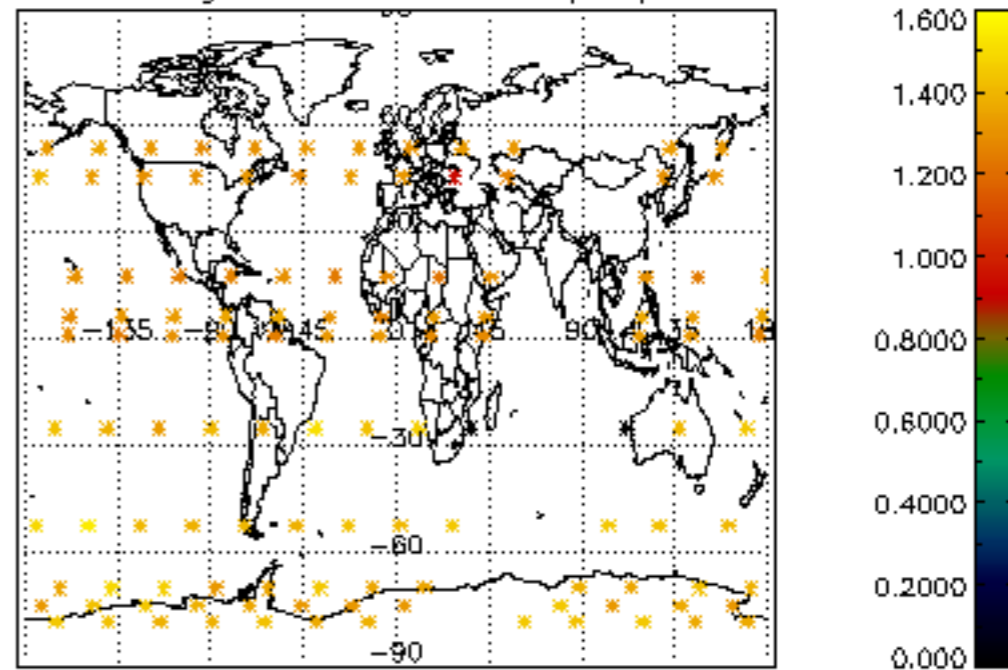
Percentage of saturation errors per profile



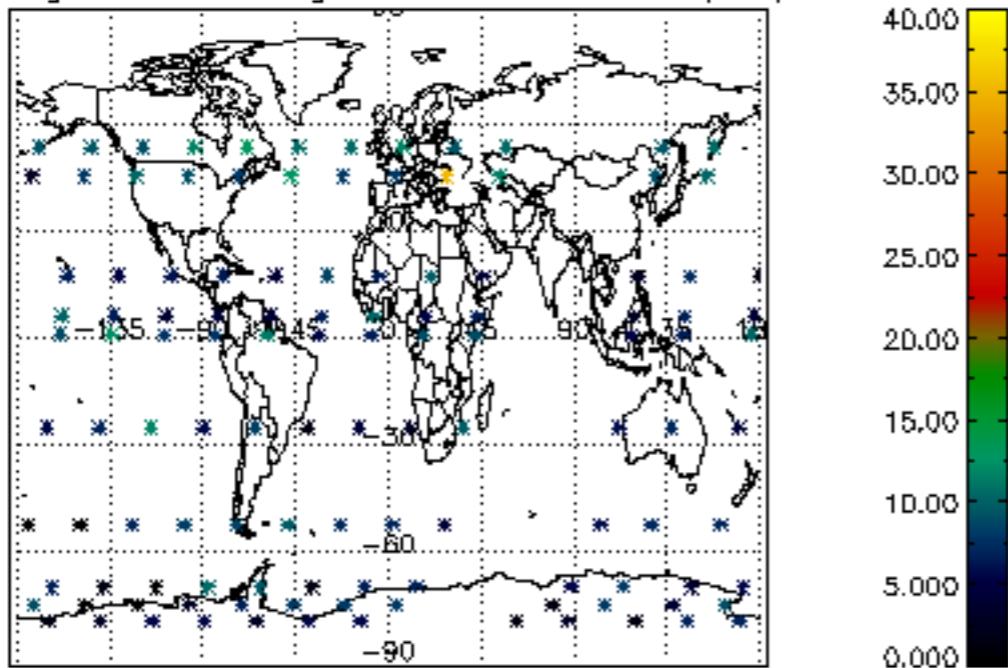
Percentage of cosmic ray hits per profile



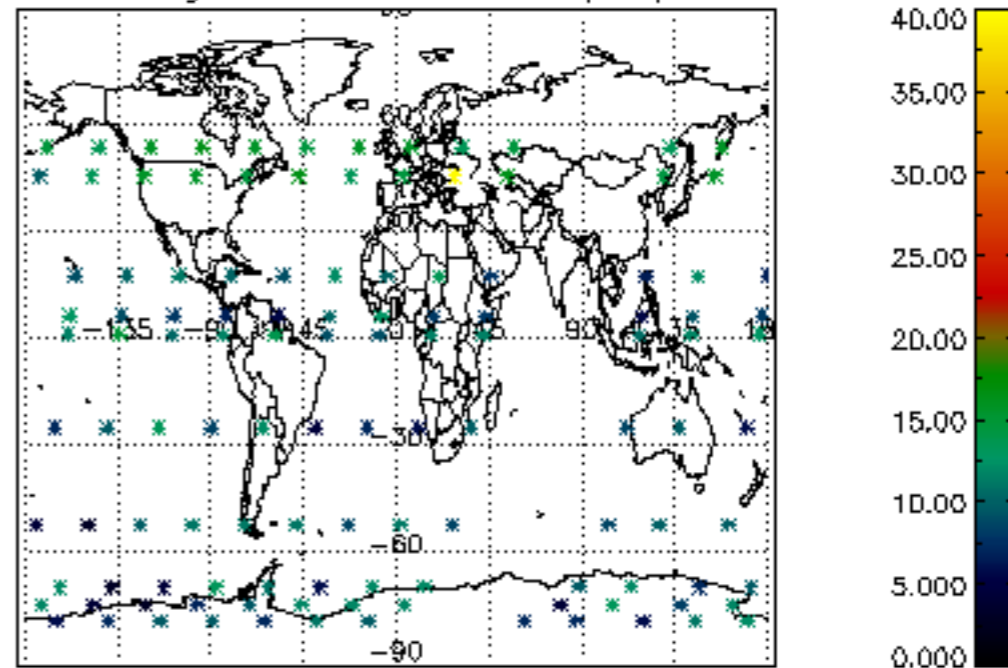
Percentage of datation errors per profile



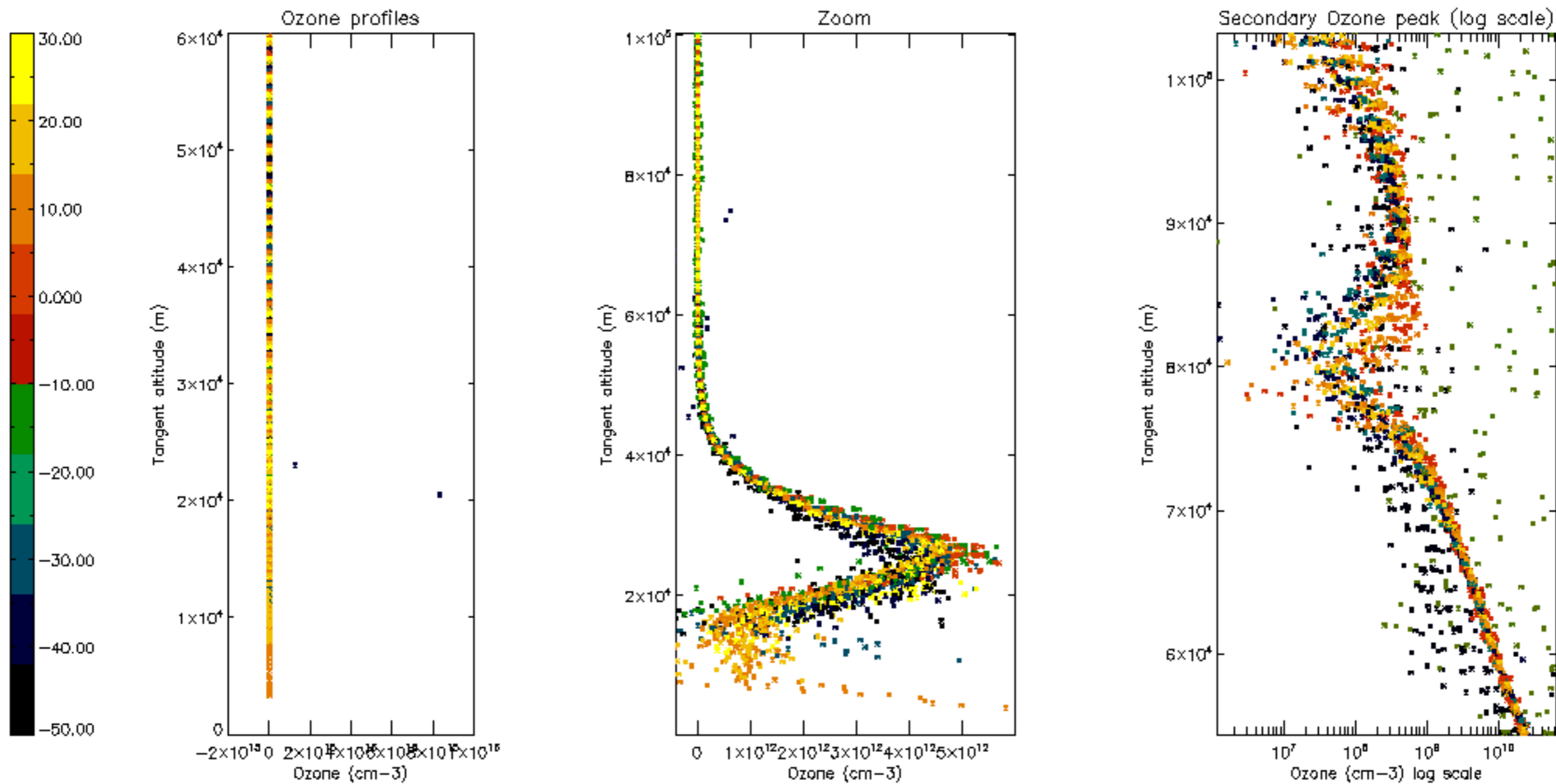
Percentage of star falling outside central band per profile

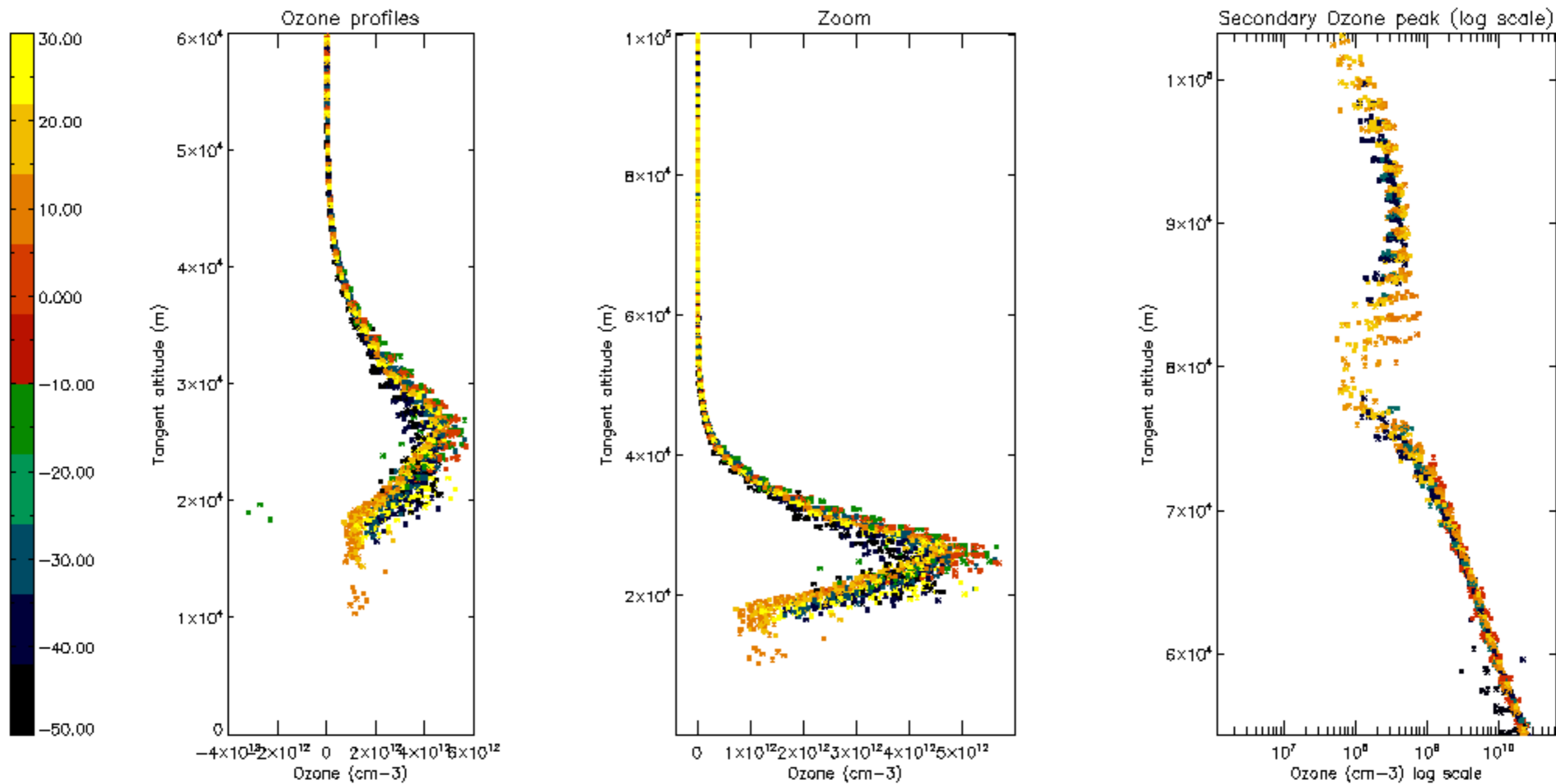


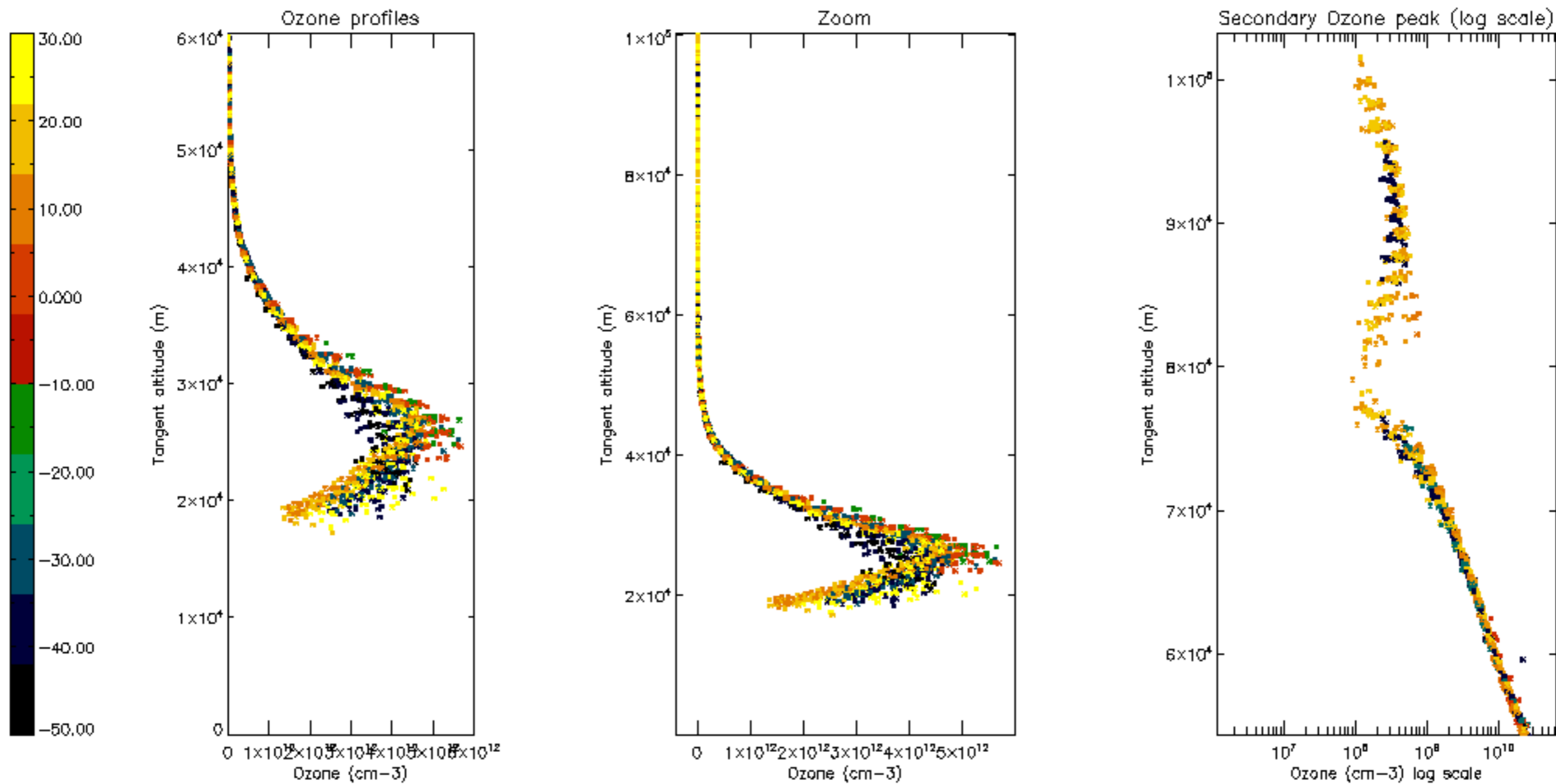
Percentage of saturation errors per profile

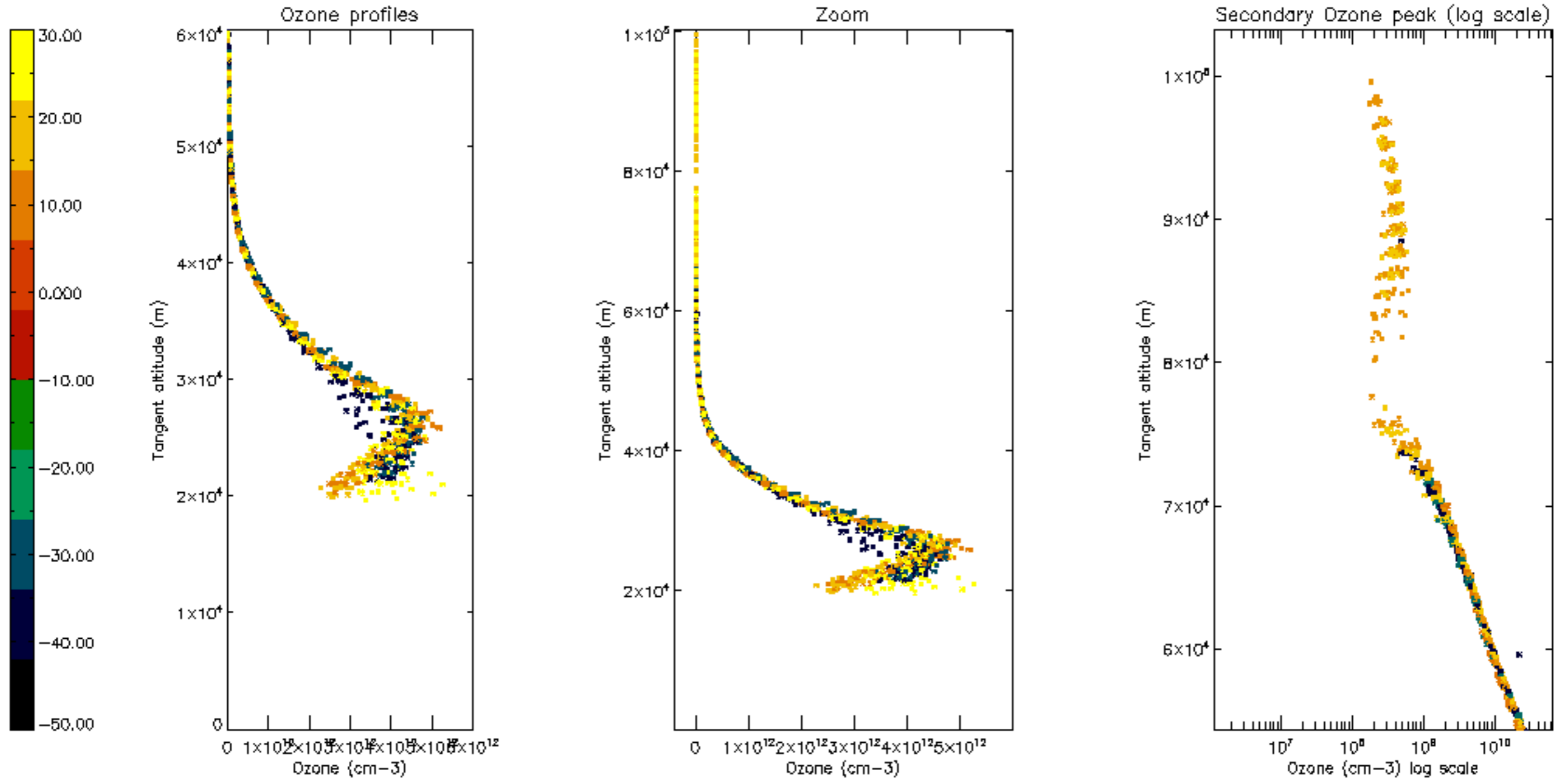


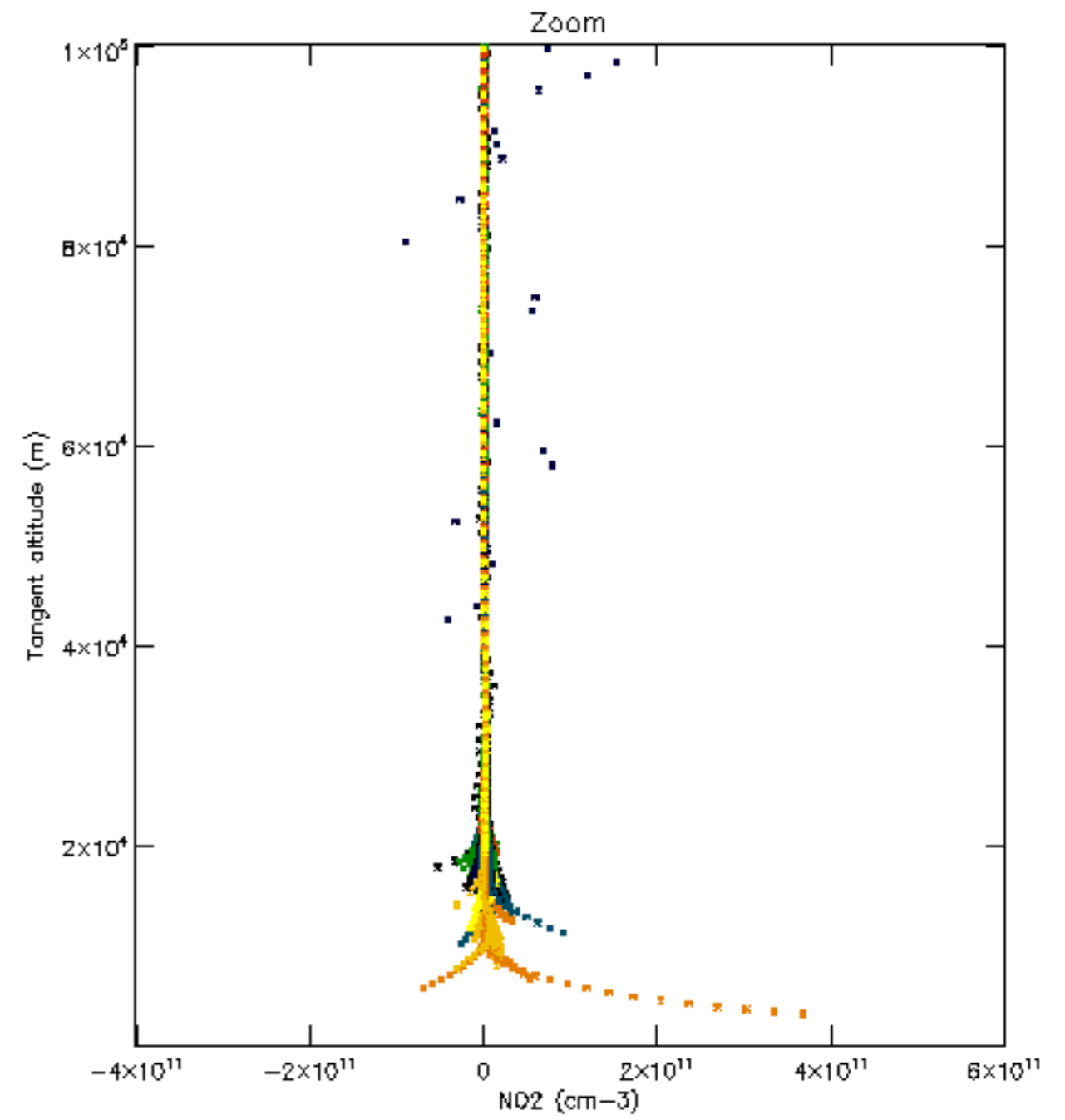
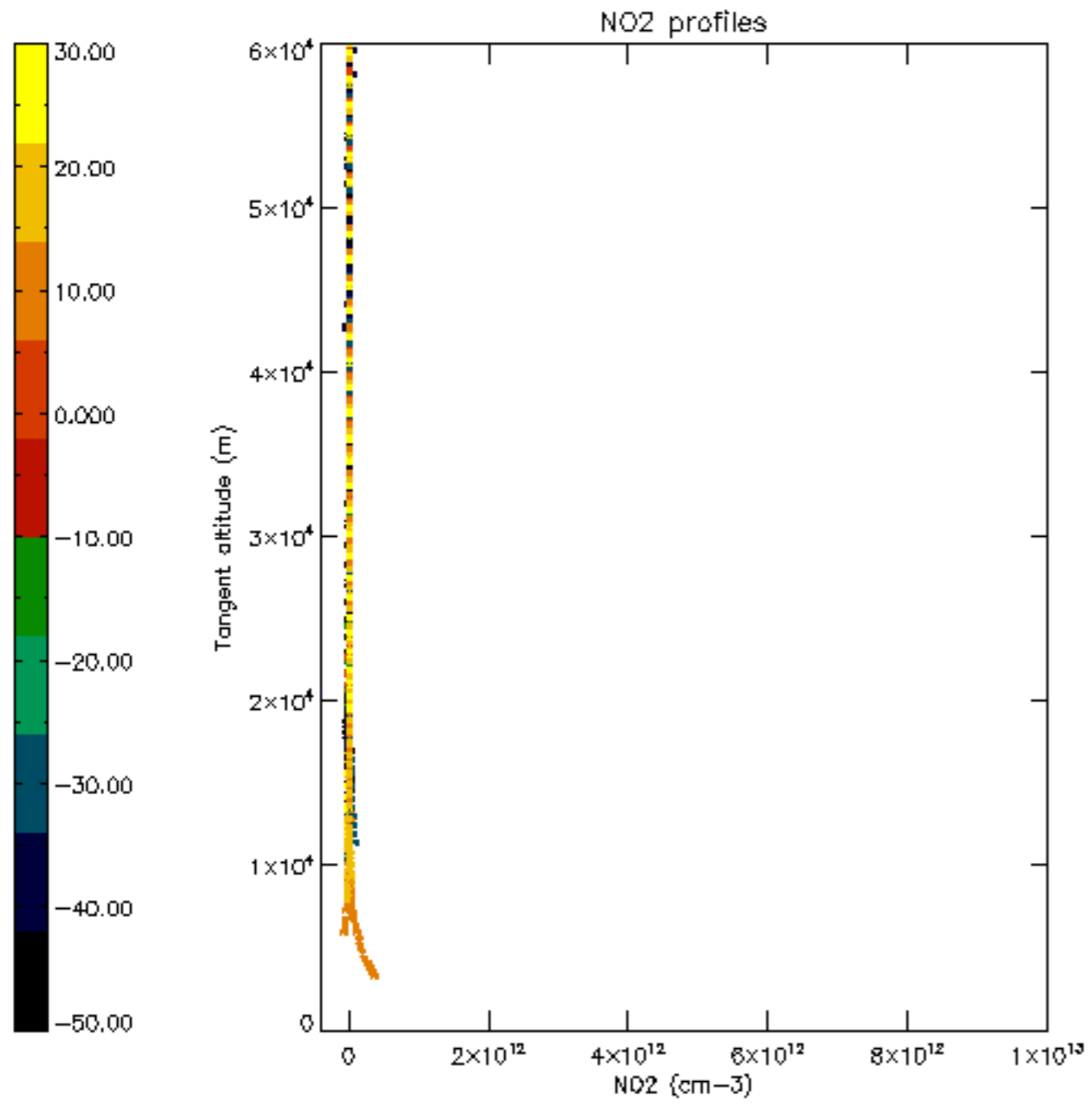


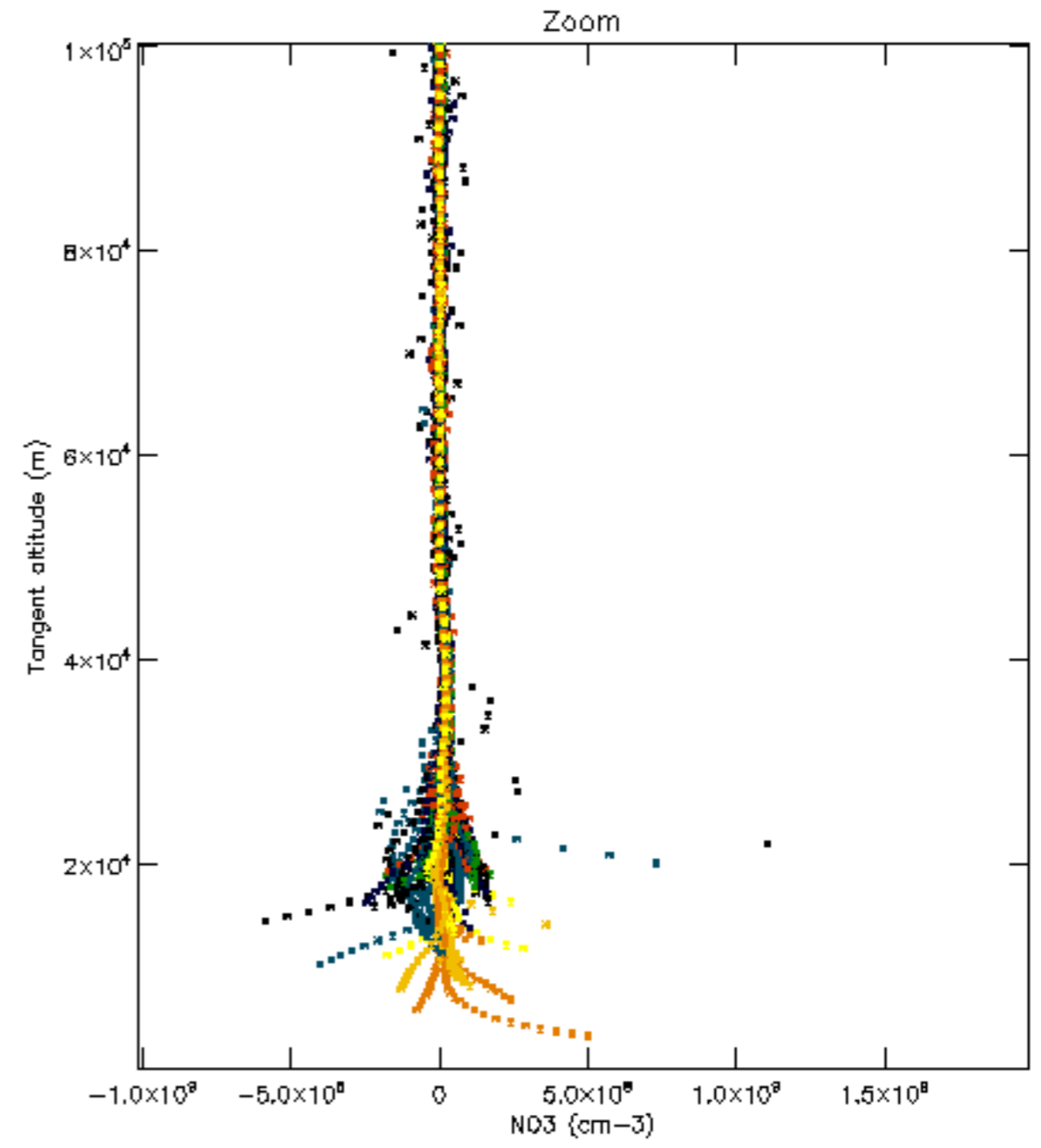
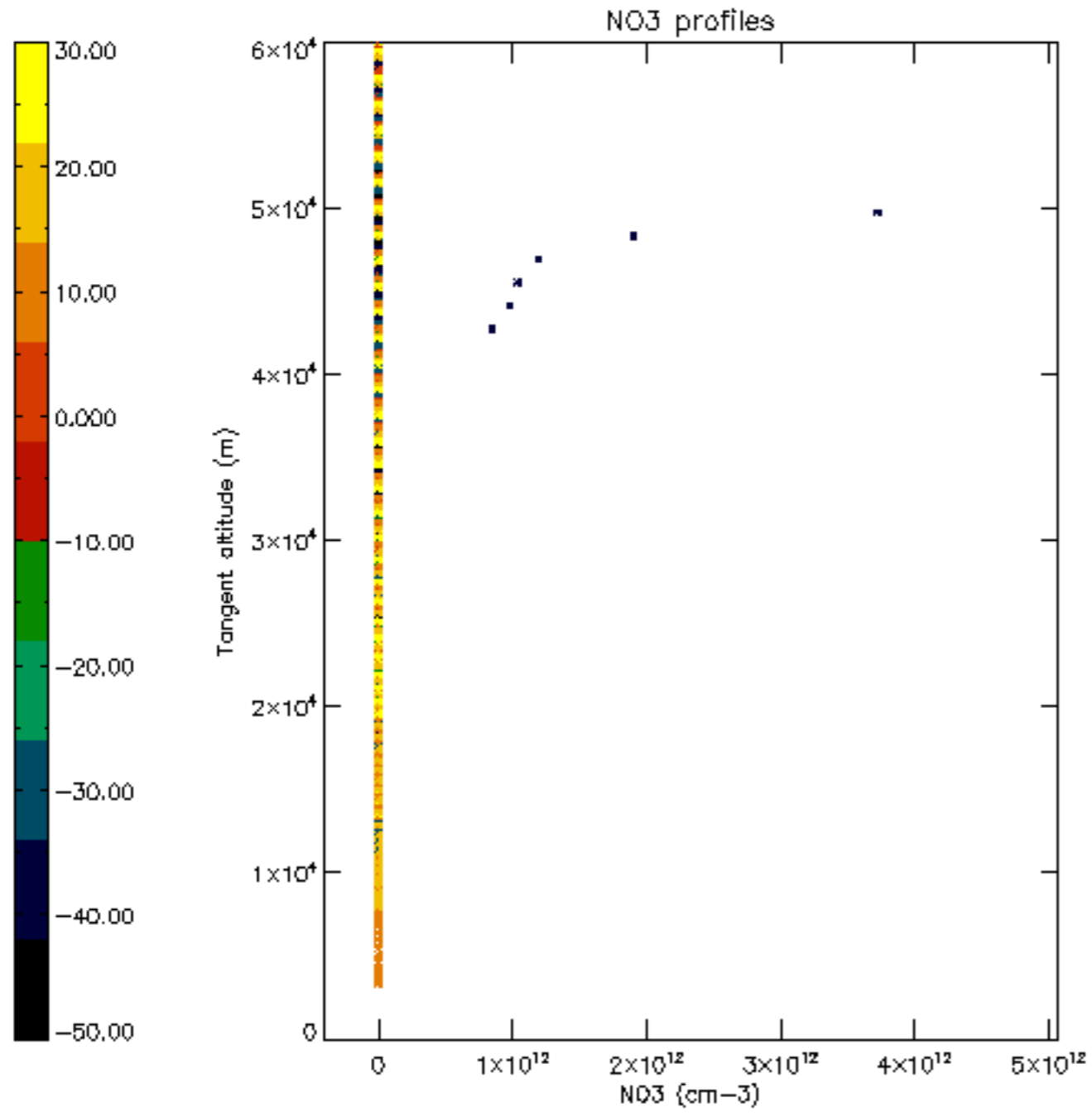


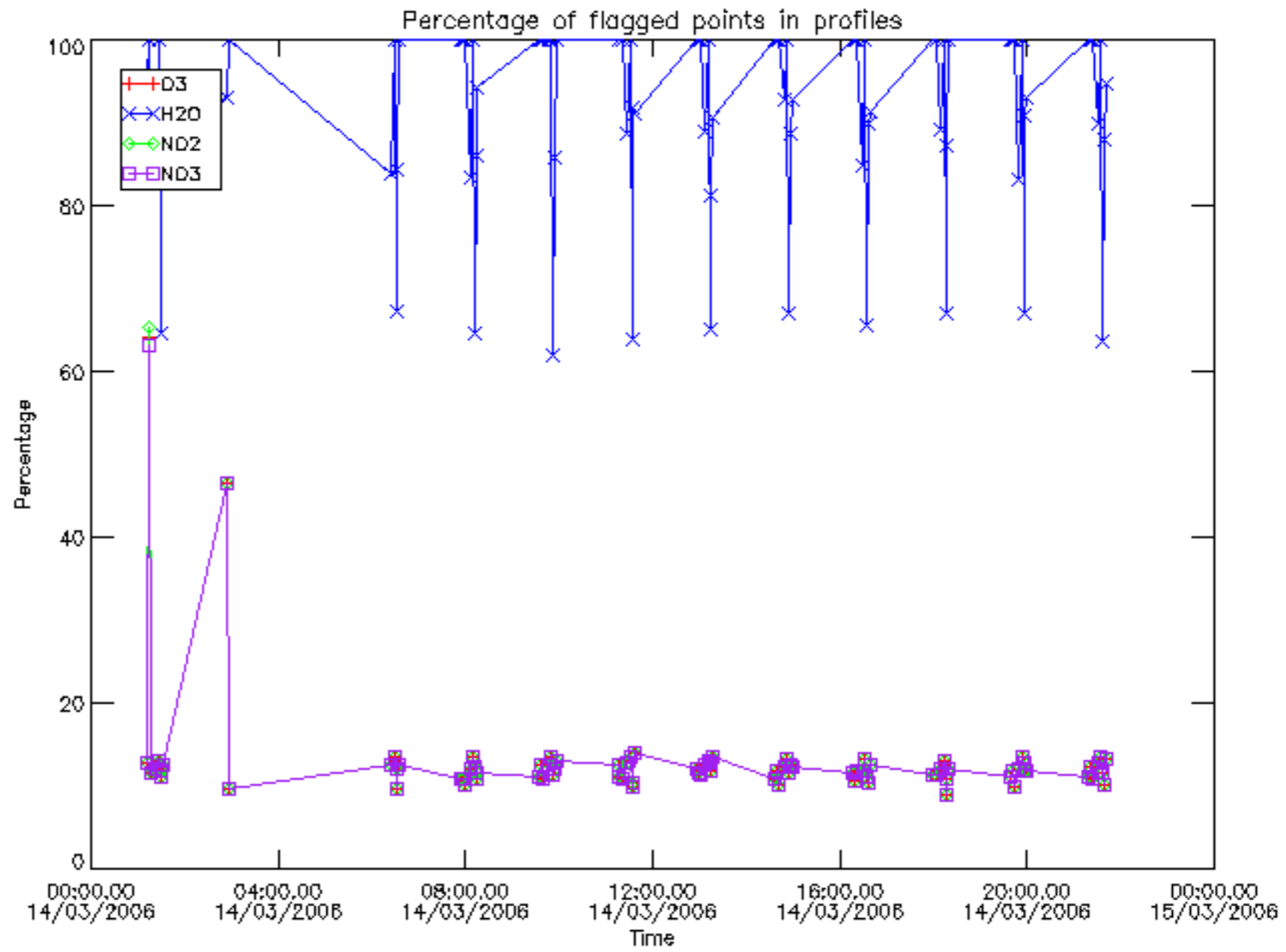




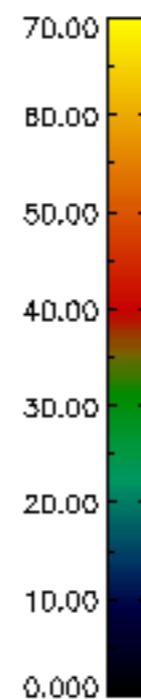
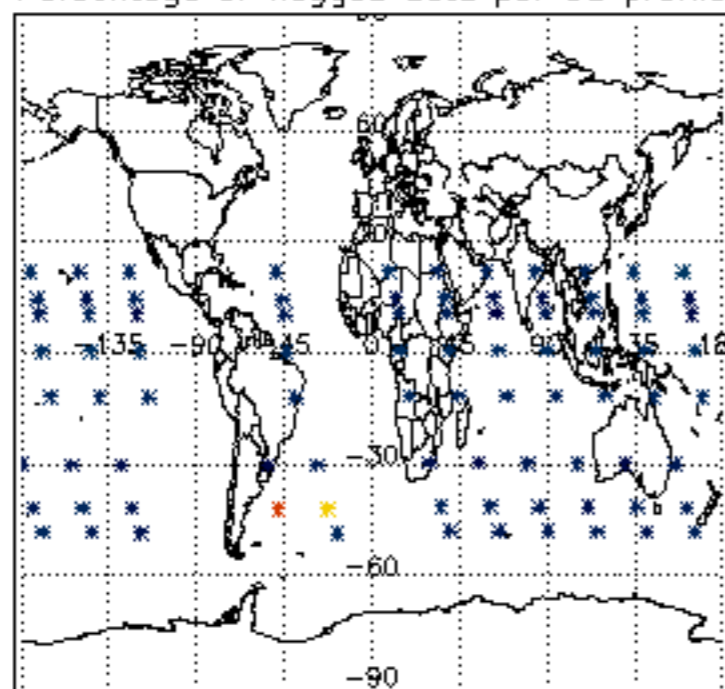




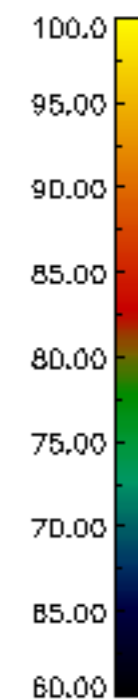
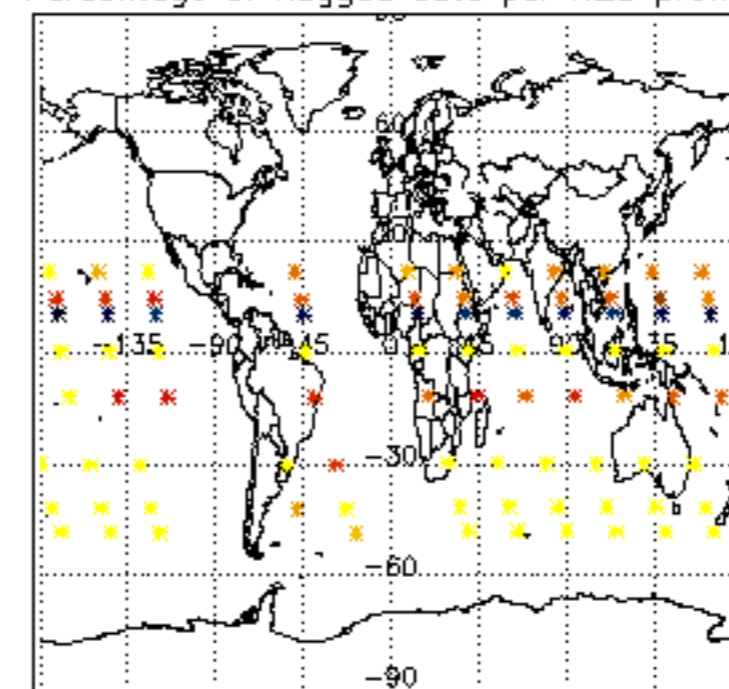




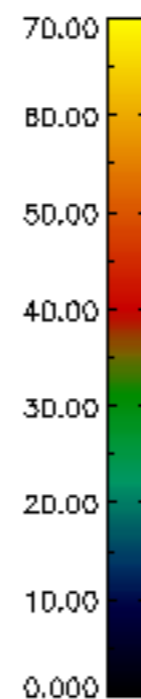
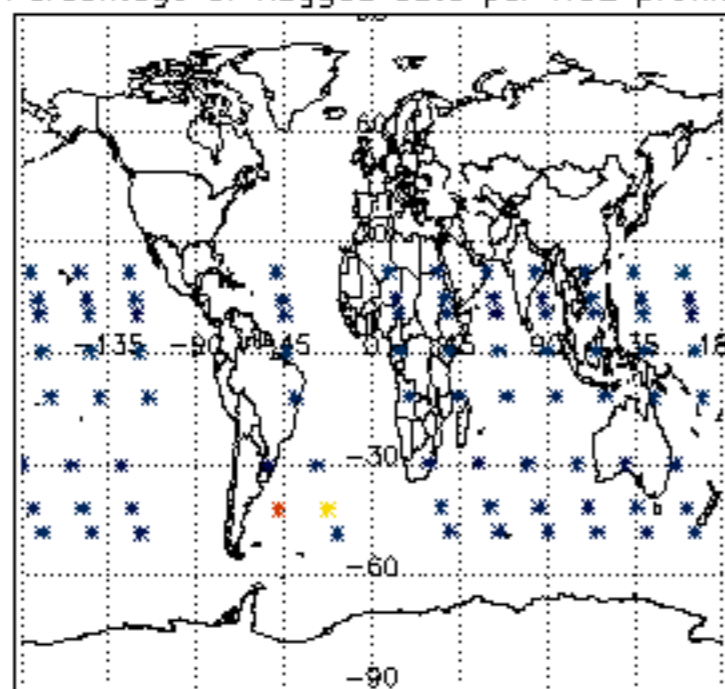
Percentage of flagged data per D3 profile



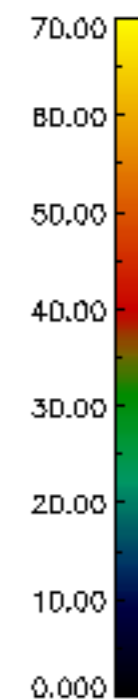
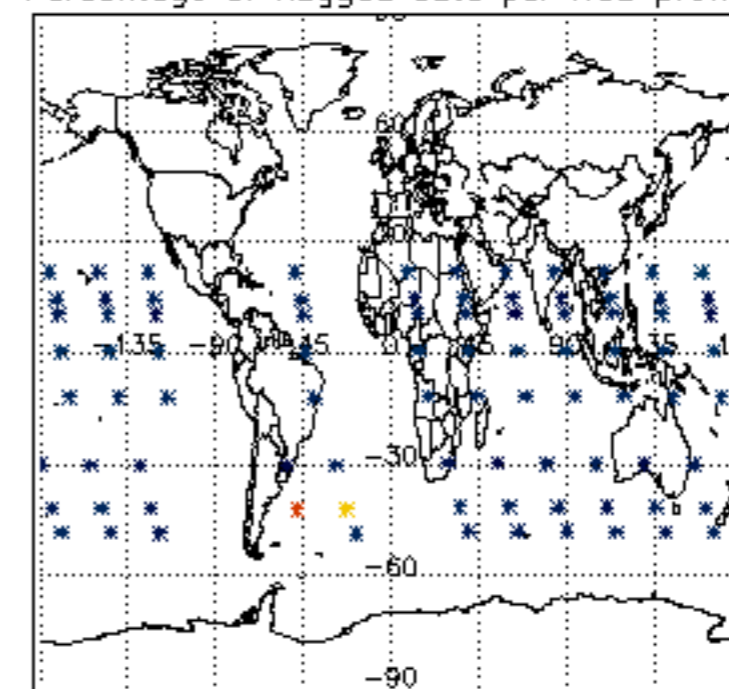
Percentage of flagged data per H2O profile



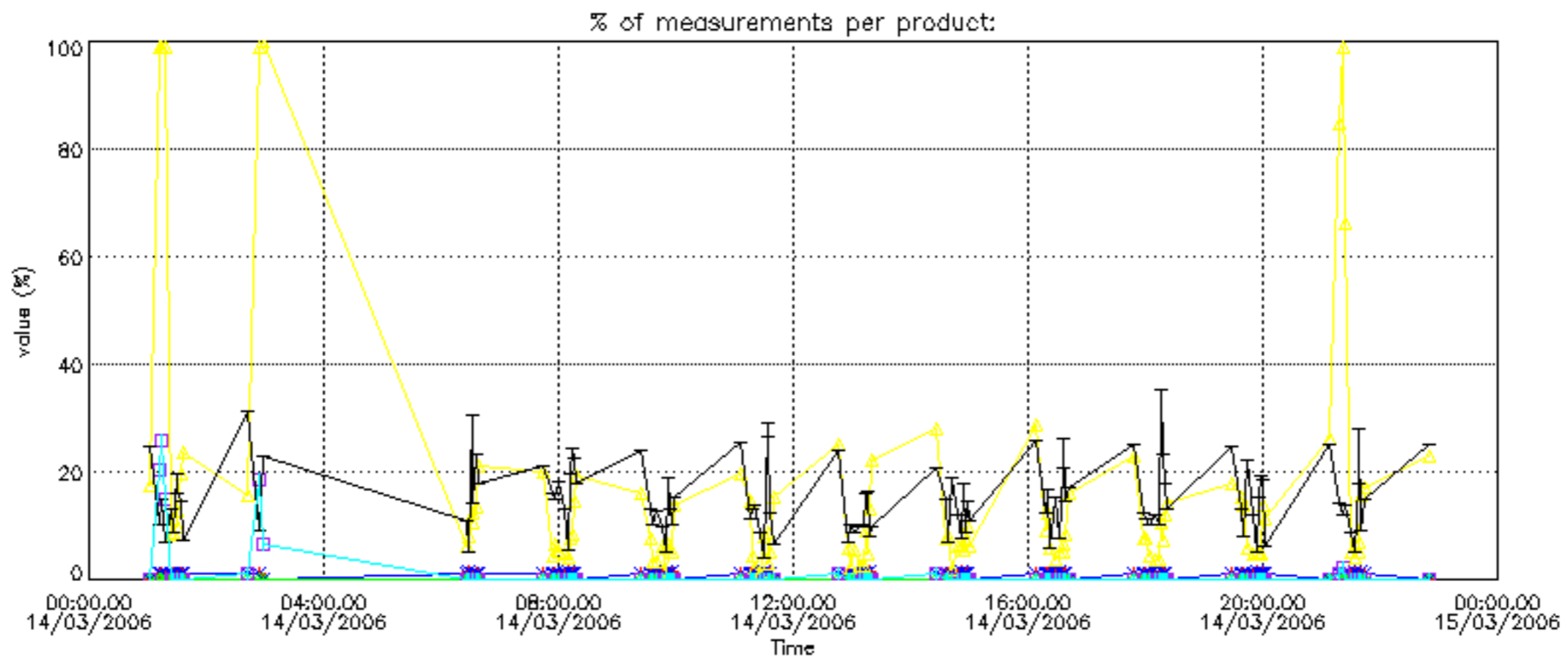
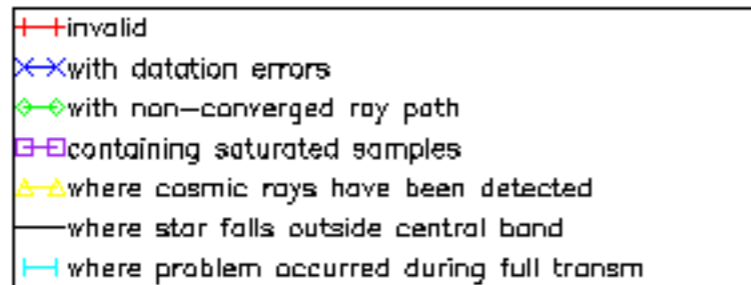
Percentage of flagged data per NO2 profile

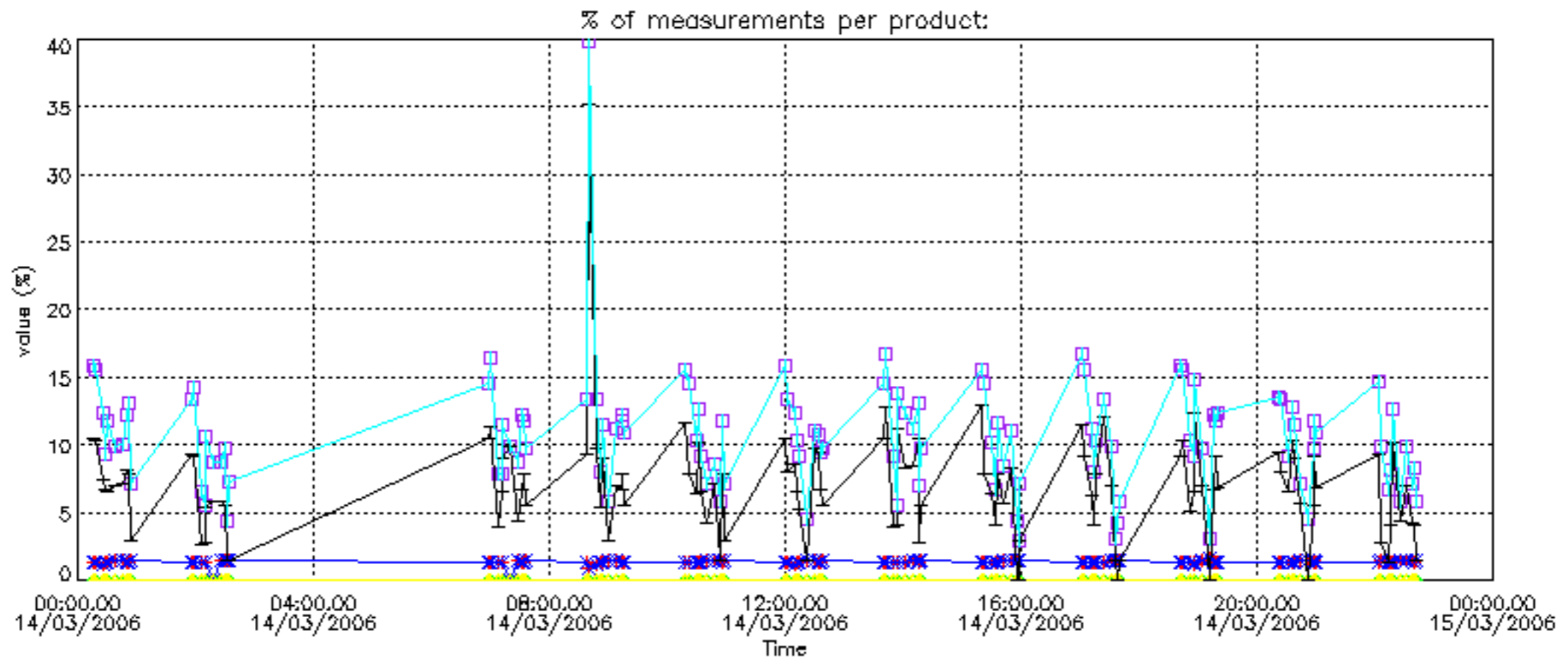


Percentage of flagged data per NO3 profile

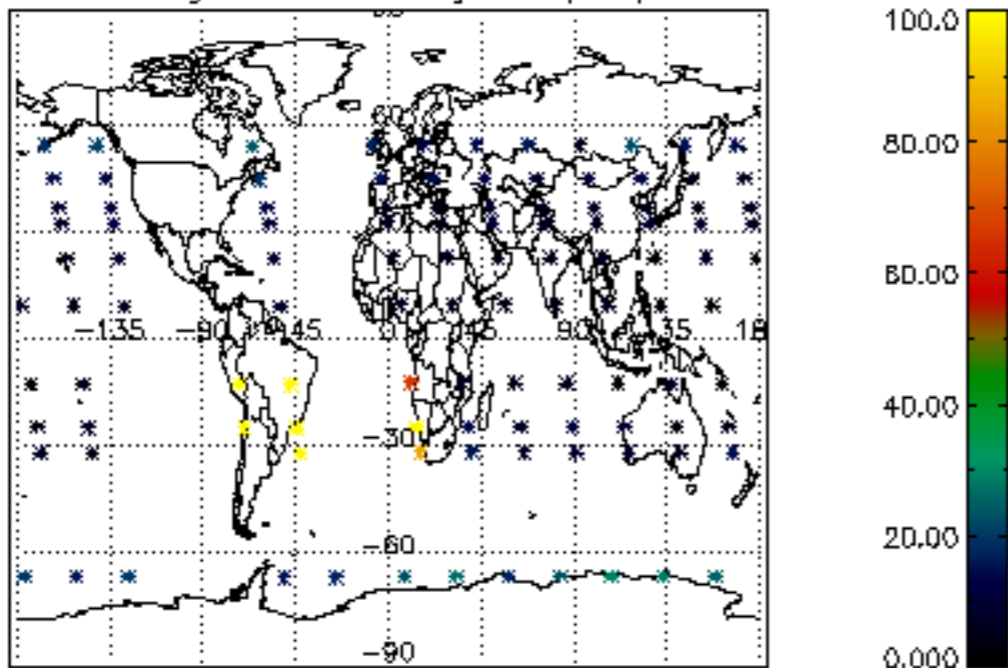




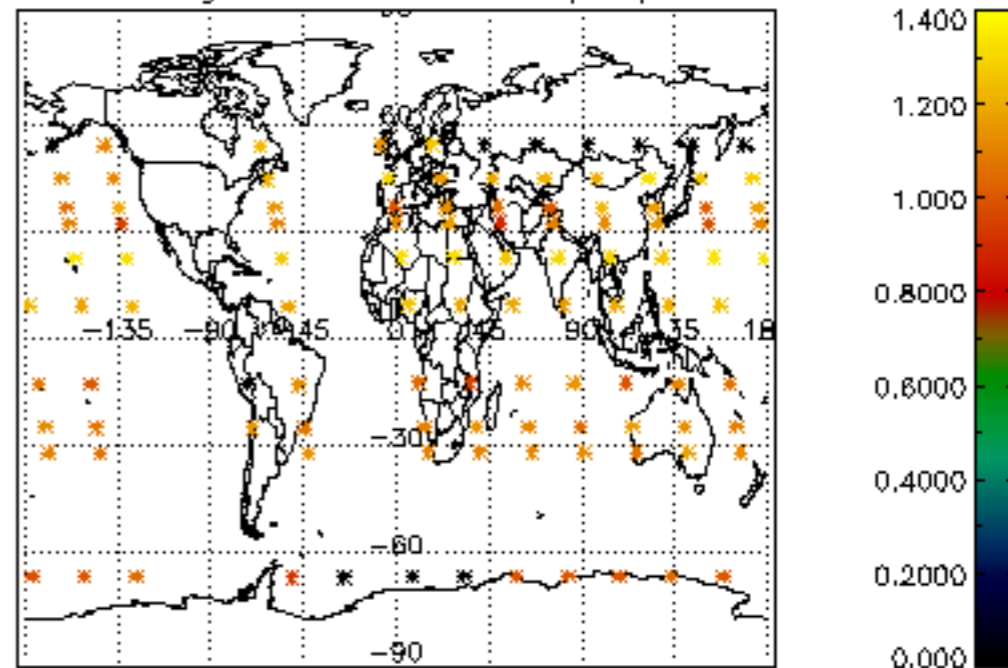




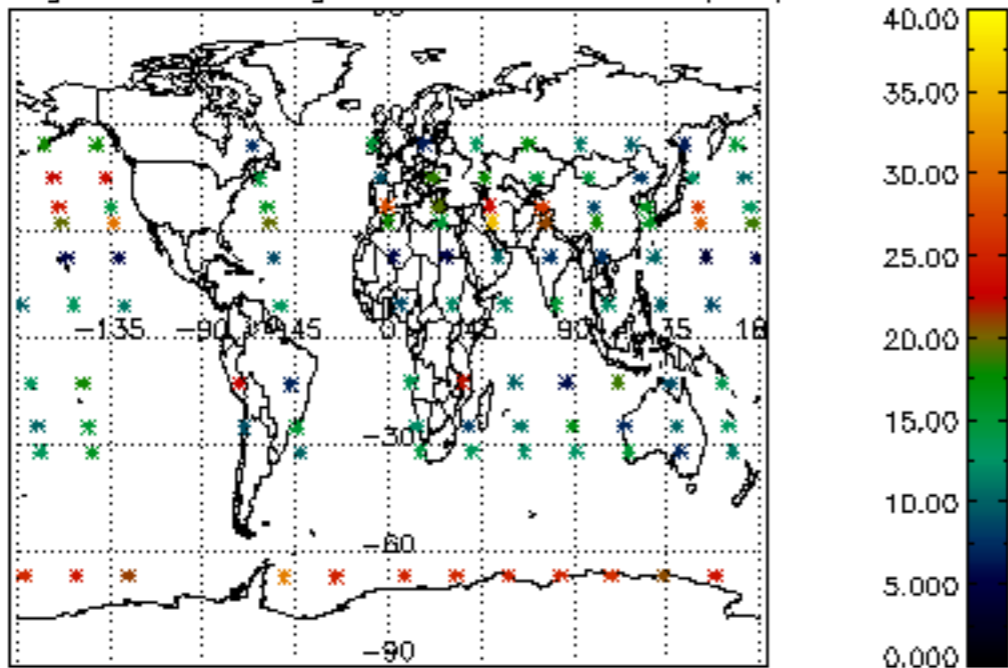
Percentage of cosmic ray hits per profile



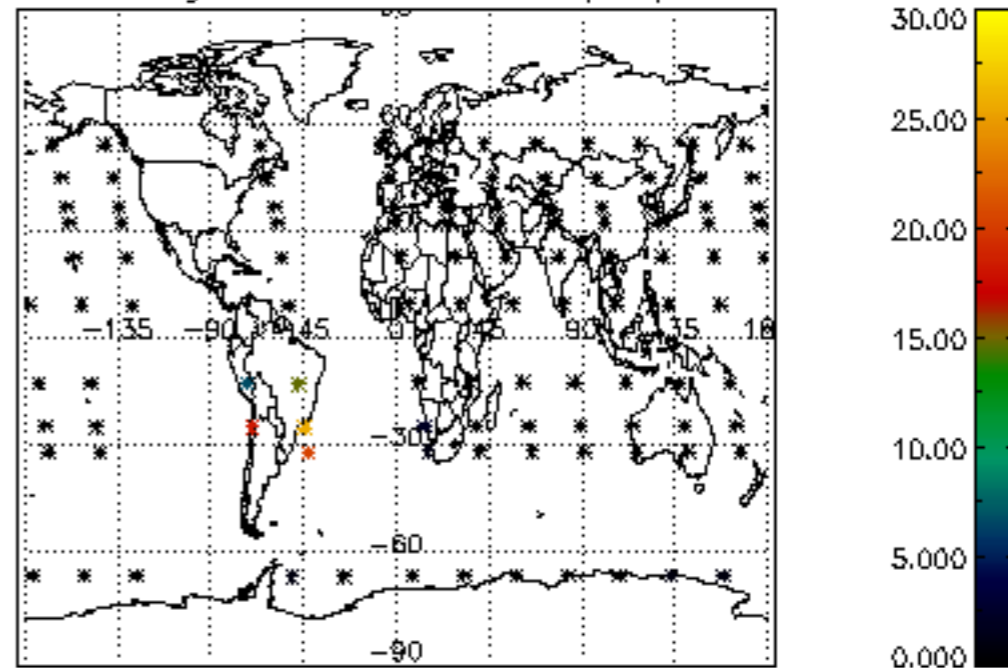
Percentage of datation errors per profile



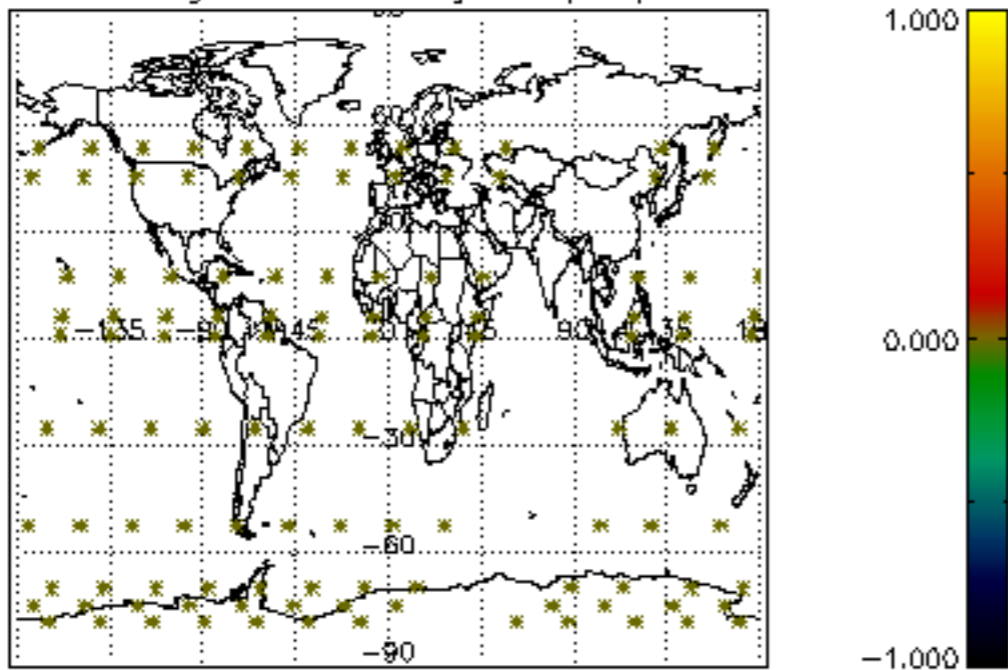
Percentage of star falling outside central band per profile



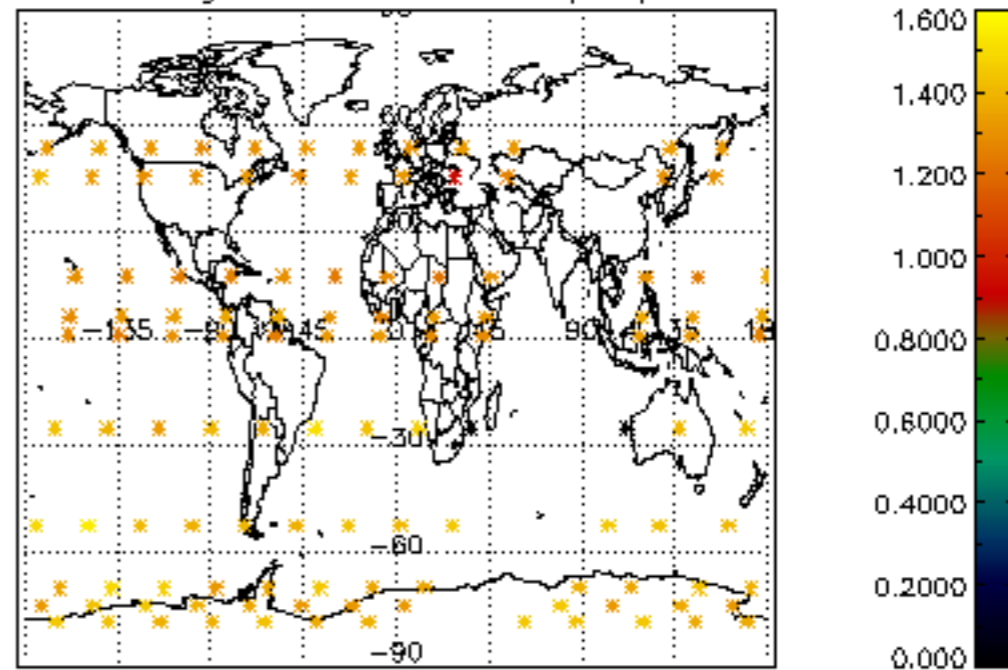
Percentage of saturation errors per profile



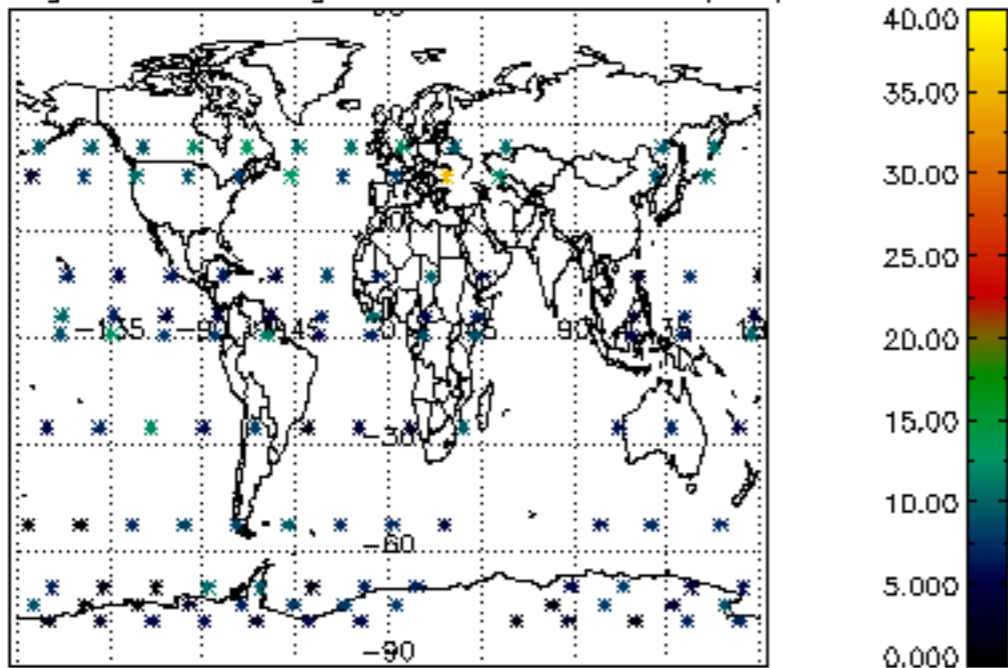
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

