

# 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 17:35:44              |
| Data source version       | GOMOS/6.01                      |
| Start time of products    | 20-03-2007 (20MAR2007 00:00:00) |
| Stop time of products     | 21-03-2007 (21MAR2007 00:00:00) |
| Store outputs in DB       | Yes                             |
| Nb of level 2 prods       | 264                             |
| 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__2PRFIN20070320_000156_000000572056_00302_26408_9308.N1 | 20-MAR-2007 00:01:56 | Twilight   | 56.500   | 11      | 53Alp Aql | 0.76500  | 8000.0    | 113     | 26408 | No          |
| 2  | GOM_NL__2PRFIN20070320_001226_000000512056_00302_26408_9309.N1 | 20-MAR-2007 00:12:26 | Dark       | 50.500   | 155     | 41Pi Sgr  | 2.9000   | 6600.0    | 101     | 26408 | No          |
| 3  | GOM_NL__2PRFIN20070320_001431_000000482056_00302_26408_9310.N1 | 20-MAR-2007 00:14:31 | Dark       | 47.500   | 57      | 34Sig Sgr | 2.0660   | 26000.    | 95      | 26408 | No          |
| 4  | GOM_NL__2PRFIN20070320_001606_000000552056_00302_26408_9311.N1 | 20-MAR-2007 00:16:06 | Dark       | 54.500   | 137     | 22Lam Sgr | 2.8240   | 4400.0    | 109     | 26408 | No          |
| 5  | GOM_NL__2PRFIN20070320_001803_000000482056_00302_26408_9312.N1 | 20-MAR-2007 00:18:03 | Dark       | 48.000   | 38      | 20Eps Sgr | 1.8360   | 11000.    | 96      | 26408 | No          |
| 6  | GOM_NL__2PRFIN20070320_002349_000000452056_00303_26409_2074.N1 | 20-MAR-2007 00:23:49 | Dark       | 44.500   | 141     | Bet Ara   | 2.8400   | 4600.0    | 89      | 26409 | No          |
| 7  | GOM_NL__2PRFIN20070320_003030_000000522056_00303_26409_2075.N1 | 20-MAR-2007 00:30:30 | Dark       | 52.000   | 131     | Gam Lup   | 2.8000   | 26000.    | 104     | 26409 | No          |
| 8  | GOM_NL__2PRFIN20070320_003217_000000502056_00303_26409_2076.N1 | 20-MAR-2007 00:32:17 | Dark       | 50.000   | 78      | Alp Lup   | 2.3040   | 28000.    | 100     | 26409 | No          |
| 9  | GOM_NL__2PRFIN20070320_003348_000000532056_00303_26409_2077.N1 | 20-MAR-2007 00:33:48 | Straylight | 52.500   | 81      | Eta Cen   | 2.3560   | 28000.    | 105     | 26409 | No          |
| 10 | GOM_NL__2PRFIN20070320_003651_000000532056_00303_26409_2078.N1 | 20-MAR-2007 00:36:51 | Straylight | 52.500   | 54      | 5The Cen  | 2.0550   | 4500.0    | 105     | 26409 | No          |
| 11 | GOM_NL__2PRFIN20070320_003830_000000482056_00303_26409_2079.N1 | 20-MAR-2007 00:38:30 | Straylight | 48.000   | 123     | Iot Cen   | 2.7500   | 10200.    | 96      | 26409 | No          |
| 12 | GOM_NL__2PRFIN20070320_004404_000000502056_00303_26409_2080.N1 | 20-MAR-2007 00:44:04 | Straylight | 49.500   | 106     | 9Bet Crv  | 2.6480   | 5600.0    | 99      | 26409 | No          |
| 13 | GOM_NL__2PRFIN20070320_004617_000000472056_00303_26409_2081.N1 | 20-MAR-2007 00:46:17 | Twilight   | 47.000   | 100     | 4Gam Crv  | 2.5800   | 13100.    | 94      | 26409 | No          |
| 14 | GOM_NL__2PRFIN20070320_005703_000000442056_00303_26409_2082.N1 | 20-MAR-2007 00:57:03 | Bright     | 44.000   | 62      | 94Bet Leo | 2.1360   | 9700.0    | 88      | 26409 | No          |
| 15 | GOM_NL__2PRFIN20070320_010519_000000402056_00303_26409_2083.N1 | 20-MAR-2007 01:05:19 | Bright     | 40.000   | 174     | 52Psi UMa | 3.0040   | 4400.0    | 80      | 26409 | No          |
| 16 | GOM_NL__2PRFIN20070320_010834_000000382056_00303_26409_2084.N1 | 20-MAR-2007 01:08:34 | Bright     | 37.500   | 82      | 48Bet UMa | 2.3650   | 10600.    | 75      | 26409 | No          |
| 17 | GOM_NL__2PRFIN20070320_011004_000000382056_00303_26409_2085.N1 | 20-MAR-2007 01:10:04 | Bright     | 38.000   | 36      | 50Alp UMa | 1.8000   | 6300.0    | 76      | 26409 | No          |
| 18 | GOM_NL__2PRFIN20070320_011222_000000462056_00303_26409_2086.N1 | 20-MAR-2007 01:12:22 | Bright     | 46.000   | 55      | 79Zet UMa | 2.0600   | 10200.    | 92      | 26409 | No          |
| 19 | GOM_NL__2PRFIN20070320_011702_000000392056_00303_26409_2087.N1 | 20-MAR-2007 01:17:02 | Bright     | 39.000   | 60      | 7Bet UMi  | 2.0810   | 3950.0    | 78      | 26409 | No          |
| 20 | GOM_NL__2PRFIN20070320_013035_000000372056_00303_26409_2088.N1 | 20-MAR-2007 01:30:35 | Bright     | 37.000   | 19      | 50Alp Cyg | 1.2460   | 10500.    | 74      | 26409 | No          |
| 21 | GOM_NL__2PRFIN20070320_013210_000000392056_00303_26409_2089.N1 | 20-MAR-2007 01:32:10 | Bright     | 39.000   | 66      | 37Gam Cyg | 2.2080   | 5900.0    | 78      | 26409 | No          |
| 22 | GOM_NL__2PRFIN20070320_014233_000000542056_00303_26409_2090.N1 | 20-MAR-2007 01:42:33 | Twilight   | 54.000   | 11      | 53Alp Aql | 0.76500  | 8000.0    | 108     | 26409 | No          |
| 23 | GOM_NL__2PRFIN20070320_015508_000000452056_00303_26409_2091.N1 | 20-MAR-2007 01:55:08 | Dark       | 45.000   | 57      | 34Sig Sgr | 2.0660   | 26000.    | 90      | 26409 | No          |
| 24 | GOM_NL__2PRFIN20070320_015643_000000532056_00303_26409_2092.N1 | 20-MAR-2007 01:56:43 | Dark       | 53.000   | 137     | 22Lam Sgr | 2.8240   | 4400.0    | 106     | 26409 | No          |
| 25 | GOM_NL__2PRFIN20070320_015840_000000492056_00303_26409_2093.N1 | 20-MAR-2007 01:58:40 | Dark       | 48.500   | 38      | 20Eps Sgr | 1.8360   | 11000.    | 97      | 26409 | No          |
| 26 | GOM_NL__2PRFIN20070320_020425_000000422056_00304_26410_2081.N1 | 20-MAR-2007 02:04:25 | Dark       | 42.000   | 141     | Bet Ara   | 2.8400   | 4600.0    | 84      | 26410 | No          |
| 27 | GOM_NL__2PRFIN20070320_021107_000000512056_00304_26410_2082.N1 | 20-MAR-2007 02:11:07 | Dark       | 51.000   | 131     | Gam Lup   | 2.8000   | 26000.    | 102     | 26410 | No          |
| 28 | GOM_NL__2PRFIN20070320_021254_000000482056_00304_26410_2083.N1 | 20-MAR-2007 02:12:54 | Dark       | 48.000   | 78      | Alp Lup   | 2.3040   | 28000.    | 96      | 26410 | No          |
| 29 | GOM_NL__2PRFIN20070320_021424_000000552056_00304_26410_2084.N1 | 20-MAR-2007 02:14:24 | Straylight | 54.500   | 81      | Eta Cen   | 2.3560   | 28000.    | 109     | 26410 | No          |
| 30 | GOM_NL__2PRFIN20070320_021728_000000602056_00304_26410_2085.N1 | 20-MAR-2007 02:17:28 | Straylight | 59.500   | 54      | 5The Cen  | 2.0550   | 4500.0    | 119     | 26410 | No          |
| 31 | GOM_NL__2PRFIN20070320_021907_000000472056_00304_26410_2086.N1 | 20-MAR-2007 02:19:07 | Straylight | 47.000   | 123     | Iot Cen   | 2.7500   | 10200.    | 94      | 26410 | No          |
| 32 | GOM_NL__2PRFIN20070320_022440_000000492056_00304_26410_2087.N1 | 20-MAR-2007 02:24:40 | Straylight | 48.500   | 106     | 9Bet Crv  | 2.6480   | 5600.0    | 97      | 26410 | No          |
| 33 | GOM_NL__2PRFIN20070320_022653_000000492056_00304_26410_2088.N1 | 20-MAR-2007 02:26:53 | Twilight   | 48.500   | 100     | 4Gam Crv  | 2.5800   | 13100.    | 97      | 26410 | No          |
| 34 | GOM_NL__2PRFIN20070320_023738_000000442056_00304_26410_2089.N1 | 20-MAR-2007 02:37:38 | Bright     | 43.500   | 62      | 94Bet Leo | 2.1360   | 9700.0    | 87      | 26410 | No          |
| 35 | GOM_NL__2PRFIN20070320_024555_000000392056_00304_26410_2090.N1 | 20-MAR-2007 02:45:55 | Bright     | 39.000   | 174     | 52Psi UMa | 3.0040   | 4400.0    | 78      | 26410 | No          |
| 36 | GOM_NL__2PRFIN20070320_024909_000000362056_00304_26410_2091.N1 | 20-MAR-2007 02:49:09 | Bright     | 36.000   | 82      | 48Bet UMa | 2.3650   | 10600.    | 72      | 26410 | No          |
| 37 | GOM_NL__2PRFIN20070320_025040_000000382056_00304_26410_2092.N1 | 20-MAR-2007 02:50:40 | Bright     | 37.500   | 36      | 50Alp UMa | 1.8000   | 6300.0    | 75      | 26410 | No          |
| 38 | GOM_NL__2PRFIN20070320_025257_000000462056_00304_26410_2093.N1 | 20-MAR-2007 02:52:57 | Bright     | 45.500   | 55      | 79Zet UMa | 2.0600   | 10200.    | 91      | 26410 | No          |
| 39 | GOM_NL__2PRFIN20070320_025737_000000402056_00304_26410_2094.N1 | 20-MAR-2007 02:57:37 | Bright     | 40.000   | 60      | 7Bet UMi  | 2.0810   | 3950.0    | 80      | 26410 | No          |
| 40 | GOM_NL__2PRFIN20070320_031111_000000382056_00304_26410_2095.N1 | 20-MAR-2007 03:11:11 | Bright     | 37.500   | 19      | 50Alp Cyg | 1.2460   | 10500.    | 75      | 26410 | No          |
| 41 | GOM_NL__2PRFIN20070320_031246_000000392056_00304_26410_2096.N1 | 20-MAR-2007 03:12:46 | Bright     | 39.000   | 66      | 37Gam Cyg | 2.2080   | 5900.0    | 78      | 26410 | No          |
| 42 | GOM_NL__2PRFIN20070320_032309_000000522056_00304_26410_2097.N1 | 20-MAR-2007 03:23:09 | Twilight   | 51.500   | 11      | 53Alp Aql | 0.76500  | 8000.0    | 103     | 26410 | No          |

|     |  |                      |                |        |     |           |         |        |     |       |    |
|-----|--|----------------------|----------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 43  | GOM_NL__2PRFIN20070320_033340_000000452056_00304_26410_2098.N1 | 20-MAR-2007 03:33:40 | Dark           | 45.000 | 155 | 41Pi Sgr  | 2.9000  | 6600.0 | 90  | 26410 | No |
| 44  | GOM_NL__2PRFIN20070320_033545_000000462056_00304_26410_2099.N1 | 20-MAR-2007 03:35:45 | Dark           | 46.000 | 57  | 34Sig Sgr | 2.0660  | 26000. | 92  | 26410 | No |
| 45  | GOM_NL__2PRFIN20070320_033720_000000522056_00304_26410_2100.N1 | 20-MAR-2007 03:37:20 | Dark           | 52.000 | 137 | 22Lam Sgr | 2.8240  | 4400.0 | 104 | 26410 | No |
| 46  | GOM_NL__2PRFIN20070320_033917_000000502056_00304_26410_2101.N1 | 20-MAR-2007 03:39:17 | Dark           | 50.000 | 38  | 20Eps Sgr | 1.8360  | 11000. | 100 | 26410 | No |
| 47  | GOM_NL__2PRFIN20070320_034502_000000442056_00305_26411_2087.N1 | 20-MAR-2007 03:45:02 | Dark           | 43.500 | 141 | Bet Ara   | 2.8400  | 4600.0 | 87  | 26411 | No |
| 48  | GOM_NL__2PRFIN20070320_035144_000000512056_00305_26411_2088.N1 | 20-MAR-2007 03:51:44 | Dark           | 51.000 | 131 | Gam Lup   | 2.8000  | 26000. | 102 | 26411 | No |
| 49  | GOM_NL__2PRFIN20070320_035331_000000452056_00305_26411_2089.N1 | 20-MAR-2007 03:53:31 | Dark           | 45.000 | 78  | Alp Lup   | 2.3040  | 28000. | 90  | 26411 | No |
| 50  | GOM_NL__2PRFIN20070320_035501_000000512056_00305_26411_2090.N1 | 20-MAR-2007 03:55:01 | Straylight     | 50.500 | 81  | Eta Cen   | 2.3560  | 28000. | 101 | 26411 | No |
| 51  | GOM_NL__2PRFIN20070320_035804_000000602056_00305_26411_2091.N1 | 20-MAR-2007 03:58:04 | Straylight     | 60.000 | 54  | 5The Cen  | 2.0550  | 4500.0 | 120 | 26411 | No |
| 52  | GOM_NL__2PRFIN20070320_035943_000000472056_00305_26411_2092.N1 | 20-MAR-2007 03:59:43 | Straylight     | 47.000 | 123 | lot Cen   | 2.7500  | 10200. | 94  | 26411 | No |
| 53  | GOM_NL__2PRFIN20070320_040516_000000512056_00305_26411_2093.N1 | 20-MAR-2007 04:05:16 | Straylight     | 50.500 | 106 | 9Bet Crv  | 2.6480  | 5600.0 | 101 | 26411 | No |
| 54  | GOM_NL__2PRFIN20070320_040729_000000472056_00305_26411_2094.N1 | 20-MAR-2007 04:07:29 | Tw_i_and_stray | 46.500 | 100 | 4Gam Crv  | 2.5800  | 13100. | 93  | 26411 | No |
| 55  | GOM_NL__2PRFIN20070320_041814_000000442056_00305_26411_2095.N1 | 20-MAR-2007 04:18:14 | Bright         | 44.000 | 62  | 94Bet Leo | 2.1360  | 9700.0 | 88  | 26411 | No |
| 56  | GOM_NL__2PRFIN20070320_042631_000000372056_00305_26411_2096.N1 | 20-MAR-2007 04:26:31 | Bright         | 36.500 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 73  | 26411 | No |
| 57  | GOM_NL__2PRFIN20070320_042945_000000362056_00305_26411_2097.N1 | 20-MAR-2007 04:29:45 | Bright         | 35.500 | 82  | 48Bet UMa | 2.3650  | 10600. | 71  | 26411 | No |
| 58  | GOM_NL__2PRFIN20070320_043115_000000372056_00305_26411_2098.N1 | 20-MAR-2007 04:31:15 | Bright         | 37.000 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 74  | 26411 | No |
| 59  | GOM_NL__2PRFIN20070320_043333_000000472056_00305_26411_2099.N1 | 20-MAR-2007 04:33:33 | Bright         | 46.500 | 55  | 79Zet UMa | 2.0600  | 10200. | 93  | 26411 | No |
| 60  | GOM_NL__2PRFIN20070320_043813_000000412056_00305_26411_2100.N1 | 20-MAR-2007 04:38:13 | Bright         | 40.500 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 81  | 26411 | No |
| 61  | GOM_NL__2PRFIN20070320_045147_000000372056_00305_26411_2101.N1 | 20-MAR-2007 04:51:47 | Bright         | 37.000 | 19  | 50Alp Cyg | 1.2460  | 10500. | 74  | 26411 | No |
| 62  | GOM_NL__2PRFIN20070320_045323_000000392056_00305_26411_2102.N1 | 20-MAR-2007 04:53:23 | Bright         | 39.000 | 66  | 37Gam Cyg | 2.2080  | 5900.0 | 78  | 26411 | No |
| 63  | GOM_NL__2PRFIN20070320_050346_000000502056_00305_26411_2103.N1 | 20-MAR-2007 05:03:46 | Tw_i_and_stray | 50.000 | 11  | 53Alp Aql | 0.76500 | 8000.0 | 100 | 26411 | No |
| 64  | GOM_NL__2PRFIN20070320_051417_000000492056_00305_26411_2104.N1 | 20-MAR-2007 05:14:17 | Dark           | 48.500 | 155 | 41Pi Sgr  | 2.9000  | 6600.0 | 97  | 26411 | No |
| 65  | GOM_NL__2PRFIN20070320_051622_000000482056_00305_26411_2105.N1 | 20-MAR-2007 05:16:22 | Dark           | 47.500 | 57  | 34Sig Sgr | 2.0660  | 26000. | 95  | 26411 | No |
| 66  | GOM_NL__2PRFIN20070320_051757_000000532056_00305_26411_2106.N1 | 20-MAR-2007 05:17:57 | Dark           | 53.000 | 137 | 22Lam Sgr | 2.8240  | 4400.0 | 106 | 26411 | No |
| 67  | GOM_NL__2PRFIN20070320_051954_000000492056_00305_26411_2107.N1 | 20-MAR-2007 05:19:54 | Dark           | 48.500 | 38  | 20Eps Sgr | 1.8360  | 11000. | 97  | 26411 | No |
| 68  | GOM_NL__2PRFIN20070320_070616_000000422056_00307_26413_9333.N1 | 20-MAR-2007 07:06:16 | Dark           | 42.000 | 141 | Bet Ara   | 2.8400  | 4600.0 | 84  | 26413 | No |
| 69  | GOM_NL__2PRFIN20070320_071259_000000532056_00307_26413_9334.N1 | 20-MAR-2007 07:12:59 | Dark           | 52.500 | 131 | Gam Lup   | 2.8000  | 26000. | 105 | 26413 | No |
| 70  | GOM_NL__2PRFIN20070320_071445_000000462056_00307_26413_9335.N1 | 20-MAR-2007 07:14:45 | Dark           | 45.500 | 78  | Alp Lup   | 2.3040  | 28000. | 91  | 26413 | No |
| 71  | GOM_NL__2PRFIN20070320_071615_000000512056_00307_26413_9336.N1 | 20-MAR-2007 07:16:15 | Straylight     | 50.500 | 81  | Eta Cen   | 2.3560  | 28000. | 101 | 26413 | No |
| 72  | GOM_NL__2PRFIN20070320_071918_000000562056_00307_26413_9337.N1 | 20-MAR-2007 07:19:18 | Straylight     | 56.000 | 54  | 5The Cen  | 2.0550  | 4500.0 | 112 | 26413 | No |
| 73  | GOM_NL__2PRFIN20070320_072056_000000502056_00307_26413_9338.N1 | 20-MAR-2007 07:20:56 | Straylight     | 49.500 | 123 | lot Cen   | 2.7500  | 10200. | 99  | 26413 | No |
| 74  | GOM_NL__2PRFIN20070320_072629_000000522056_00307_26413_9339.N1 | 20-MAR-2007 07:26:29 | Straylight     | 52.000 | 106 | 9Bet Crv  | 2.6480  | 5600.0 | 104 | 26413 | No |
| 75  | GOM_NL__2PRFIN20070320_072842_000000482056_00307_26413_9340.N1 | 20-MAR-2007 07:28:42 | Tw_i_and_stray | 47.500 | 100 | 4Gam Crv  | 2.5800  | 13100. | 95  | 26413 | No |
| 76  | GOM_NL__2PRFIN20070320_073925_000000432056_00307_26413_9341.N1 | 20-MAR-2007 07:39:25 | Bright         | 42.500 | 62  | 94Bet Leo | 2.1360  | 9700.0 | 85  | 26413 | No |
| 77  | GOM_NL__2PRFIN20070320_074742_000000392056_00307_26413_9342.N1 | 20-MAR-2007 07:47:42 | Bright         | 39.000 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 78  | 26413 | No |
| 78  | GOM_NL__2PRFIN20070320_075057_000000372056_00307_26413_9343.N1 | 20-MAR-2007 07:50:57 | Bright         | 36.500 | 82  | 48Bet UMa | 2.3650  | 10600. | 73  | 26413 | No |
| 79  | GOM_NL__2PRFIN20070320_075227_000000382056_00307_26413_9344.N1 | 20-MAR-2007 07:52:27 | Bright         | 38.000 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 76  | 26413 | No |
| 80  | GOM_NL__2PRFIN20070320_075443_000000462056_00307_26413_9345.N1 | 20-MAR-2007 07:54:43 | Bright         | 46.000 | 55  | 79Zet UMa | 2.0600  | 10200. | 92  | 26413 | No |
| 81  | GOM_NL__2PRFIN20070320_075924_000000402056_00307_26413_9346.N1 | 20-MAR-2007 07:59:24 | Bright         | 40.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 80  | 26413 | No |
| 82  | GOM_NL__2PRFIN20070320_081259_000000362056_00307_26413_9347.N1 | 20-MAR-2007 08:12:59 | Bright         | 35.500 | 19  | 50Alp Cyg | 1.2460  | 10500. | 71  | 26413 | No |
| 83  | GOM_NL__2PRFIN20070320_081434_000000382056_00307_26413_9348.N1 | 20-MAR-2007 08:14:34 | Bright         | 38.000 | 66  | 37Gam Cyg | 2.2080  | 5900.0 | 76  | 26413 | No |
| 84  | GOM_NL__2PRFIN20070320_082459_000000512056_00307_26413_9349.N1 | 20-MAR-2007 08:24:59 | Tw_i_and_stray | 50.500 | 11  | 53Alp Aql | 0.76500 | 8000.0 | 101 | 26413 | No |
| 85  | GOM_NL__2PRFIN20070320_083531_000000472056_00307_26413_9350.N1 | 20-MAR-2007 08:35:31 | Dark           | 47.000 | 155 | 41Pi Sgr  | 2.9000  | 6600.0 | 94  | 26413 | No |
| 86  | GOM_NL__2PRFIN20070320_083736_000000482056_00307_26413_9351.N1 | 20-MAR-2007 08:37:36 | Dark           | 47.500 | 57  | 34Sig Sgr | 2.0660  | 26000. | 95  | 26413 | No |
| 87  | GOM_NL__2PRFIN20070320_083911_000000552056_00307_26413_9352.N1 | 20-MAR-2007 08:39:11 | Dark           | 55.000 | 137 | 22Lam Sgr | 2.8240  | 4400.0 | 110 | 26413 | No |
| 88  | GOM_NL__2PRFIN20070320_084108_000000512056_00307_26413_9353.N1 | 20-MAR-2007 08:41:08 | Dark           | 50.500 | 38  | 20Eps Sgr | 1.8360  | 11000. | 101 | 26413 | No |
| 89  | GOM_NL__2PRFIN20070320_084652_000000412056_00308_26414_2123.N1 | 20-MAR-2007 08:46:52 | Dark           | 40.500 | 141 | Bet Ara   | 2.8400  | 4600.0 | 81  | 26414 | No |
| 90  | GOM_NL__2PRFIN20070320_085336_000000532056_00308_26414_2124.N1 | 20-MAR-2007 08:53:36 | Dark           | 52.500 | 131 | Gam Lup   | 2.8000  | 26000. | 105 | 26414 | No |
| 91  | GOM_NL__2PRFIN20070320_085521_000000472056_00308_26414_2125.N1 | 20-MAR-2007 08:55:21 | Dark           | 47.000 | 78  | Alp Lup   | 2.3040  | 28000. | 94  | 26414 | No |
| 92  | GOM_NL__2PRFIN20070320_085652_000000502056_00308_26414_2126.N1 | 20-MAR-2007 08:56:52 | Straylight     | 50.000 | 81  | Eta Cen   | 2.3560  | 28000. | 100 | 26414 | No |
| 93  | GOM_NL__2PRFIN20070320_085955_000000582056_00308_26414_2127.N1 | 20-MAR-2007 08:59:55 | Straylight     | 58.000 | 54  | 5The Cen  | 2.0550  | 4500.0 | 116 | 26414 | No |
| 94  | GOM_NL__2PRFIN20070320_090133_000000482056_00308_26414_2128.N1 | 20-MAR-2007 09:01:33 | Straylight     | 48.000 | 123 | lot Cen   | 2.7500  | 10200. | 96  | 26414 | No |
| 95  | GOM_NL__2PRFIN20070320_090705_000000522056_00308_26414_2129.N1 | 20-MAR-2007 09:07:05 | Straylight     | 52.000 | 106 | 9Bet Crv  | 2.6480  | 5600.0 | 104 | 26414 | No |
| 96  | GOM_NL__2PRFIN20070320_090918_000000472056_00308_26414_2130.N1 | 20-MAR-2007 09:09:18 | Tw_i_and_stray | 46.500 | 100 | 4Gam Crv  | 2.5800  | 13100. | 93  | 26414 | No |
| 97  | GOM_NL__2PRFIN20070320_092001_000000442056_00308_26414_2131.N1 | 20-MAR-2007 09:20:01 | Bright         | 43.500 | 62  | 94Bet Leo | 2.1360  | 9700.0 | 87  | 26414 | No |
| 98  | GOM_NL__2PRFIN20070320_092818_000000392056_00308_26414_2132.N1 | 20-MAR-2007 09:28:18 | Bright         | 38.500 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 77  | 26414 | No |
| 99  | GOM_NL__2PRFIN20070320_093132_000000472056_00308_26414_2133.N1 | 20-MAR-2007 09:31:32 | Bright         | 47.000 | 82  | 48Bet UMa | 2.3650  | 10600. | 94  | 26414 | No |
| 100 | GOM_NL__2PRFIN20070320_093303_000000372056_00308_26414_2134.N1 | 20-MAR-2007 09:33:03 | Bright         | 36.500 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 73  | 26414 | No |
| 101 | GOM_NL__2PRFIN20070320_093518_000000462056_00308_26414_2135.N1 | 20-MAR-2007 09:35:18 | Bright         | 46.000 | 55  | 79Zet UMa | 2.0600  | 10200. | 92  | 26414 | No |

|     |  |                      |                |        |     |           |         |        |     |       |    |
|-----|--|----------------------|----------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20070320_094000_000000402056_00308_26414_2136.N1 | 20-MAR-2007 09:40:00 | Bright         | 40.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 80  | 26414 | No |
| 103 | GOM_NL__2PRFIN20070320_095335_000000362056_00308_26414_2137.N1 | 20-MAR-2007 09:53:35 | Bright         | 35.500 | 19  | 50Alp Cyg | 1.2460  | 10500. | 71  | 26414 | No |
| 104 | GOM_NL__2PRFIN20070320_095510_000000372056_00308_26414_2138.N1 | 20-MAR-2007 09:55:10 | Bright         | 37.000 | 66  | 37Gam Cyg | 2.2080  | 5900.0 | 74  | 26414 | No |
| 105 | GOM_NL__2PRFIN20070320_100535_000000482056_00308_26414_2139.N1 | 20-MAR-2007 10:05:35 | Tw_i_and_stray | 47.500 | 11  | 53Alp Aql | 0.76500 | 8000.0 | 95  | 26414 | No |
| 106 | GOM_NL__2PRFIN20070320_101607_000000472056_00308_26414_2140.N1 | 20-MAR-2007 10:16:07 | Dark           | 46.500 | 155 | 41Pi Sgr  | 2.9000  | 6600.0 | 93  | 26414 | No |
| 107 | GOM_NL__2PRFIN20070320_101813_000000482056_00308_26414_2141.N1 | 20-MAR-2007 10:18:13 | Dark           | 47.500 | 57  | 34Sig Sgr | 2.0660  | 26000. | 95  | 26414 | No |
| 108 | GOM_NL__2PRFIN20070320_101948_000000542056_00308_26414_2142.N1 | 20-MAR-2007 10:19:48 | Dark           | 53.500 | 137 | 22Lam Sgr | 2.8240  | 4400.0 | 107 | 26414 | No |
| 109 | GOM_NL__2PRFIN20070320_102145_000000492056_00308_26414_2143.N1 | 20-MAR-2007 10:21:45 | Dark           | 49.000 | 38  | 20Eps Sgr | 1.8360  | 11000. | 98  | 26414 | No |
| 110 | GOM_NL__2PRFIN20070320_102729_000000412056_00309_26415_9571.N1 | 20-MAR-2007 10:27:29 | Dark           | 41.000 | 141 | Bet Ara   | 2.8400  | 4600.0 | 82  | 26415 | No |
| 111 | GOM_NL__2PRFIN20070320_103413_000000552056_00309_26415_9572.N1 | 20-MAR-2007 10:34:13 | Dark           | 55.000 | 131 | Gam Lup   | 2.8000  | 26000. | 110 | 26415 | No |
| 112 | GOM_NL__2PRFIN20070320_103558_000000452056_00309_26415_9573.N1 | 20-MAR-2007 10:35:58 | Dark           | 45.000 | 78  | Alp Lup   | 2.3040  | 28000. | 90  | 26415 | No |
| 113 | GOM_NL__2PRFIN20070320_103728_000000502056_00309_26415_9574.N1 | 20-MAR-2007 10:37:28 | Straylight     | 50.000 | 81  | Eta Cen   | 2.3560  | 28000. | 100 | 26415 | No |
| 114 | GOM_NL__2PRFIN20070320_104031_000000642056_00309_26415_9575.N1 | 20-MAR-2007 10:40:31 | Straylight     | 63.500 | 54  | 5The Cen  | 2.0550  | 4500.0 | 127 | 26415 | No |
| 115 | GOM_NL__2PRFIN20070320_104209_000000462056_00309_26415_9576.N1 | 20-MAR-2007 10:42:09 | Straylight     | 46.000 | 123 | lot Cen   | 2.7500  | 10200. | 92  | 26415 | No |
| 116 | GOM_NL__2PRFIN20070320_104741_000000512056_00309_26415_9577.N1 | 20-MAR-2007 10:47:41 | Straylight     | 51.000 | 106 | 9Bet Crv  | 2.6480  | 5600.0 | 102 | 26415 | No |
| 117 | GOM_NL__2PRFIN20070320_104954_000000462056_00309_26415_9578.N1 | 20-MAR-2007 10:49:54 | Tw_i_and_stray | 46.000 | 100 | 4Gam Crv  | 2.5800  | 13100. | 92  | 26415 | No |
| 118 | GOM_NL__2PRFIN20070320_110036_000000612056_00309_26415_9579.N1 | 20-MAR-2007 11:00:36 | Bright         | 61.000 | 62  | 94Bet Leo | 2.1360  | 9700.0 | 122 | 26415 | No |
| 119 | GOM_NL__2PRFIN20070320_110853_000000392056_00309_26415_9580.N1 | 20-MAR-2007 11:08:53 | Bright         | 39.000 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 78  | 26415 | No |
| 120 | GOM_NL__2PRFIN20070320_111208_000000372056_00309_26415_9581.N1 | 20-MAR-2007 11:12:08 | Bright         | 36.500 | 82  | 48Bet UMa | 2.3650  | 10600. | 73  | 26415 | No |
| 121 | GOM_NL__2PRFIN20070320_111338_000000392056_00309_26415_9582.N1 | 20-MAR-2007 11:13:38 | Bright         | 38.500 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 77  | 26415 | No |
| 122 | GOM_NL__2PRFIN20070320_111553_000000462056_00309_26415_9583.N1 | 20-MAR-2007 11:15:53 | Bright         | 46.000 | 55  | 79Zet UMa | 2.0600  | 10200. | 92  | 26415 | No |
| 123 | GOM_NL__2PRFIN20070320_112035_000000372056_00309_26415_9584.N1 | 20-MAR-2007 11:20:35 | Bright         | 36.500 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 73  | 26415 | No |
| 124 | GOM_NL__2PRFIN20070320_113411_000000362056_00309_26415_9585.N1 | 20-MAR-2007 11:34:11 | Bright         | 36.000 | 19  | 50Alp Cyg | 1.2460  | 10500. | 72  | 26415 | No |
| 125 | GOM_NL__2PRFIN20070320_113546_000000392056_00309_26415_9586.N1 | 20-MAR-2007 11:35:46 | Bright         | 38.500 | 66  | 37Gam Cyg | 2.2080  | 5900.0 | 77  | 26415 | No |
| 126 | GOM_NL__2PRFIN20070320_114611_000000542056_00309_26415_9587.N1 | 20-MAR-2007 11:46:11 | Tw_i_and_stray | 53.500 | 11  | 53Alp Aql | 0.76500 | 8000.0 | 107 | 26415 | No |
| 127 | GOM_NL__2PRFIN20070320_115644_000000472056_00309_26415_9588.N1 | 20-MAR-2007 11:56:44 | Dark           | 46.500 | 155 | 41Pi Sgr  | 2.9000  | 6600.0 | 93  | 26415 | No |
| 128 | GOM_NL__2PRFIN20070320_115850_000000482056_00309_26415_9589.N1 | 20-MAR-2007 11:58:50 | Dark           | 47.500 | 57  | 34Sig Sgr | 2.0660  | 26000. | 95  | 26415 | No |
| 129 | GOM_NL__2PRFIN20070320_120025_000000522056_00309_26415_9590.N1 | 20-MAR-2007 12:00:25 | Dark           | 51.500 | 137 | 22Lam Sgr | 2.8240  | 4400.0 | 103 | 26415 | No |
| 130 | GOM_NL__2PRFIN20070320_120222_000000482056_00309_26415_9591.N1 | 20-MAR-2007 12:02:22 | Dark           | 48.000 | 38  | 20Eps Sgr | 1.8360  | 11000. | 96  | 26415 | No |
| 131 | GOM_NL__2PRFIN20070320_120805_000000442056_00310_26416_9833.N1 | 20-MAR-2007 12:08:05 | Dark           | 44.000 | 141 | Bet Ara   | 2.8400  | 4600.0 | 88  | 26416 | No |
| 132 | GOM_NL__2PRFIN20070320_121450_000000532056_00310_26416_9834.N1 | 20-MAR-2007 12:14:50 | Dark           | 53.000 | 131 | Gam Lup   | 2.8000  | 26000. | 106 | 26416 | No |
| 133 | GOM_NL__2PRFIN20070320_121634_000000472056_00310_26416_9835.N1 | 20-MAR-2007 12:16:34 | Dark           | 46.500 | 78  | Alp Lup   | 2.3040  | 28000. | 93  | 26416 | No |
| 134 | GOM_NL__2PRFIN20070320_121805_000000492056_00310_26416_9836.N1 | 20-MAR-2007 12:18:05 | Straylight     | 48.500 | 81  | Eta Cen   | 2.3560  | 28000. | 97  | 26416 | No |
| 135 | GOM_NL__2PRFIN20070320_122108_000000592056_00310_26416_9837.N1 | 20-MAR-2007 12:21:08 | Straylight     | 58.500 | 54  | 5The Cen  | 2.0550  | 4500.0 | 117 | 26416 | No |
| 136 | GOM_NL__2PRFIN20070320_122246_000000492056_00310_26416_9838.N1 | 20-MAR-2007 12:22:46 | Straylight     | 48.500 | 123 | lot Cen   | 2.7500  | 10200. | 97  | 26416 | No |
| 137 | GOM_NL__2PRFIN20070320_122817_000000512056_00310_26416_9839.N1 | 20-MAR-2007 12:28:17 | Straylight     | 50.500 | 106 | 9Bet Crv  | 2.6480  | 5600.0 | 101 | 26416 | No |
| 138 | GOM_NL__2PRFIN20070320_123030_000000482056_00310_26416_9840.N1 | 20-MAR-2007 12:30:30 | Tw_i_and_stray | 48.000 | 100 | 4Gam Crv  | 2.5800  | 13100. | 96  | 26416 | No |
| 139 | GOM_NL__2PRFIN20070320_124112_000000452056_00310_26416_9841.N1 | 20-MAR-2007 12:41:12 | Bright         | 44.500 | 62  | 94Bet Leo | 2.1360  | 9700.0 | 89  | 26416 | No |
| 140 | GOM_NL__2PRFIN20070320_124929_000000392056_00310_26416_9842.N1 | 20-MAR-2007 12:49:29 | Bright         | 39.000 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 78  | 26416 | No |
| 141 | GOM_NL__2PRFIN20070320_125244_000000362056_00310_26416_9843.N1 | 20-MAR-2007 12:52:44 | Bright         | 36.000 | 82  | 48Bet UMa | 2.3650  | 10600. | 72  | 26416 | No |
| 142 | GOM_NL__2PRFIN20070320_125414_000000382056_00310_26416_9844.N1 | 20-MAR-2007 12:54:14 | Bright         | 38.000 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 76  | 26416 | No |
| 143 | GOM_NL__2PRFIN20070320_125628_000000452056_00310_26416_9845.N1 | 20-MAR-2007 12:56:28 | Bright         | 45.000 | 55  | 79Zet UMa | 2.0600  | 10200. | 90  | 26416 | No |
| 144 | GOM_NL__2PRFIN20070320_130111_000000402056_00310_26416_9846.N1 | 20-MAR-2007 13:01:11 | Bright         | 39.500 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 79  | 26416 | No |
| 145 | GOM_NL__2PRFIN20070320_131447_000000382056_00310_26416_9847.N1 | 20-MAR-2007 13:14:47 | Bright         | 38.000 | 19  | 50Alp Cyg | 1.2460  | 10500. | 76  | 26416 | No |
| 146 | GOM_NL__2PRFIN20070320_131622_000000392056_00310_26416_9848.N1 | 20-MAR-2007 13:16:22 | Bright         | 38.500 | 66  | 37Gam Cyg | 2.2080  | 5900.0 | 77  | 26416 | No |
| 147 | GOM_NL__2PRFIN20070320_131809_000000372056_00310_26416_9849.N1 | 20-MAR-2007 13:18:09 | Bright         | 36.500 | 92  | 53Eps Cyg | 2.5000  | 4500.0 | 73  | 26416 | No |
| 148 | GOM_NL__2PRFIN20070320_132648_000000522056_00310_26416_9850.N1 | 20-MAR-2007 13:26:48 | Tw_i_and_stray | 51.500 | 11  | 53Alp Aql | 0.76500 | 8000.0 | 103 | 26416 | No |
| 149 | GOM_NL__2PRFIN20070320_133721_000000482056_00310_26416_9851.N1 | 20-MAR-2007 13:37:21 | Dark           | 47.500 | 155 | 41Pi Sgr  | 2.9000  | 6600.0 | 95  | 26416 | No |
| 150 | GOM_NL__2PRFIN20070320_133927_000000452056_00310_26416_9852.N1 | 20-MAR-2007 13:39:27 | Dark           | 45.000 | 57  | 34Sig Sgr | 2.0660  | 26000. | 90  | 26416 | No |
| 151 | GOM_NL__2PRFIN20070320_134103_000000532056_00310_26416_9853.N1 | 20-MAR-2007 13:41:03 | Dark           | 53.000 | 137 | 22Lam Sgr | 2.8240  | 4400.0 | 106 | 26416 | No |
| 152 | GOM_NL__2PRFIN20070320_134259_000000512056_00310_26416_9854.N1 | 20-MAR-2007 13:42:59 | Dark           | 50.500 | 38  | 20Eps Sgr | 1.8360  | 11000. | 101 | 26416 | No |
| 153 | GOM_NL__2PRFIN20070320_134842_000000422056_00311_26417_2242.N1 | 20-MAR-2007 13:48:42 | Dark           | 41.500 | 141 | Bet Ara   | 2.8400  | 4600.0 | 83  | 26417 | No |
| 154 | GOM_NL__2PRFIN20070320_135527_000000532056_00311_26417_2243.N1 | 20-MAR-2007 13:55:27 | Dark           | 52.500 | 131 | Gam Lup   | 2.8000  | 26000. | 105 | 26417 | No |
| 155 | GOM_NL__2PRFIN20070320_135711_000000462056_00311_26417_2244.N1 | 20-MAR-2007 13:57:11 | Dark           | 45.500 | 78  | Alp Lup   | 2.3040  | 28000. | 91  | 26417 | No |
| 156 | GOM_NL__2PRFIN20070320_135842_000000502056_00311_26417_2245.N1 | 20-MAR-2007 13:58:42 | Straylight     | 49.500 | 81  | Eta Cen   | 2.3560  | 28000. | 99  | 26417 | No |
| 157 | GOM_NL__2PRFIN20070320_140145_000000602056_00311_26417_2246.N1 | 20-MAR-2007 14:01:45 | Straylight     | 60.000 | 54  | 5The Cen  | 2.0550  | 4500.0 | 120 | 26417 | No |
| 158 | GOM_NL__2PRFIN20070320_140322_000000482056_00311_26417_2247.N1 | 20-MAR-2007 14:03:22 | Straylight     | 47.500 | 123 | lot Cen   | 2.7500  | 10200. | 95  | 26417 | No |
| 159 | GOM_NL__2PRFIN20070320_140853_000000522056_00311_26417_2248.N1 | 20-MAR-2007 14:08:53 | Straylight     | 52.000 | 106 | 9Bet Crv  | 2.6480  | 5600.0 | 104 | 26417 | No |
| 160 | GOM_NL__2PRFIN20070320_141106_000000482056_00311_26417_2249.N1 | 20-MAR-2007 14:11:06 | Tw_i_and_stray | 47.500 | 100 | 4Gam Crv  | 2.5800  | 13100. | 95  | 26417 | No |

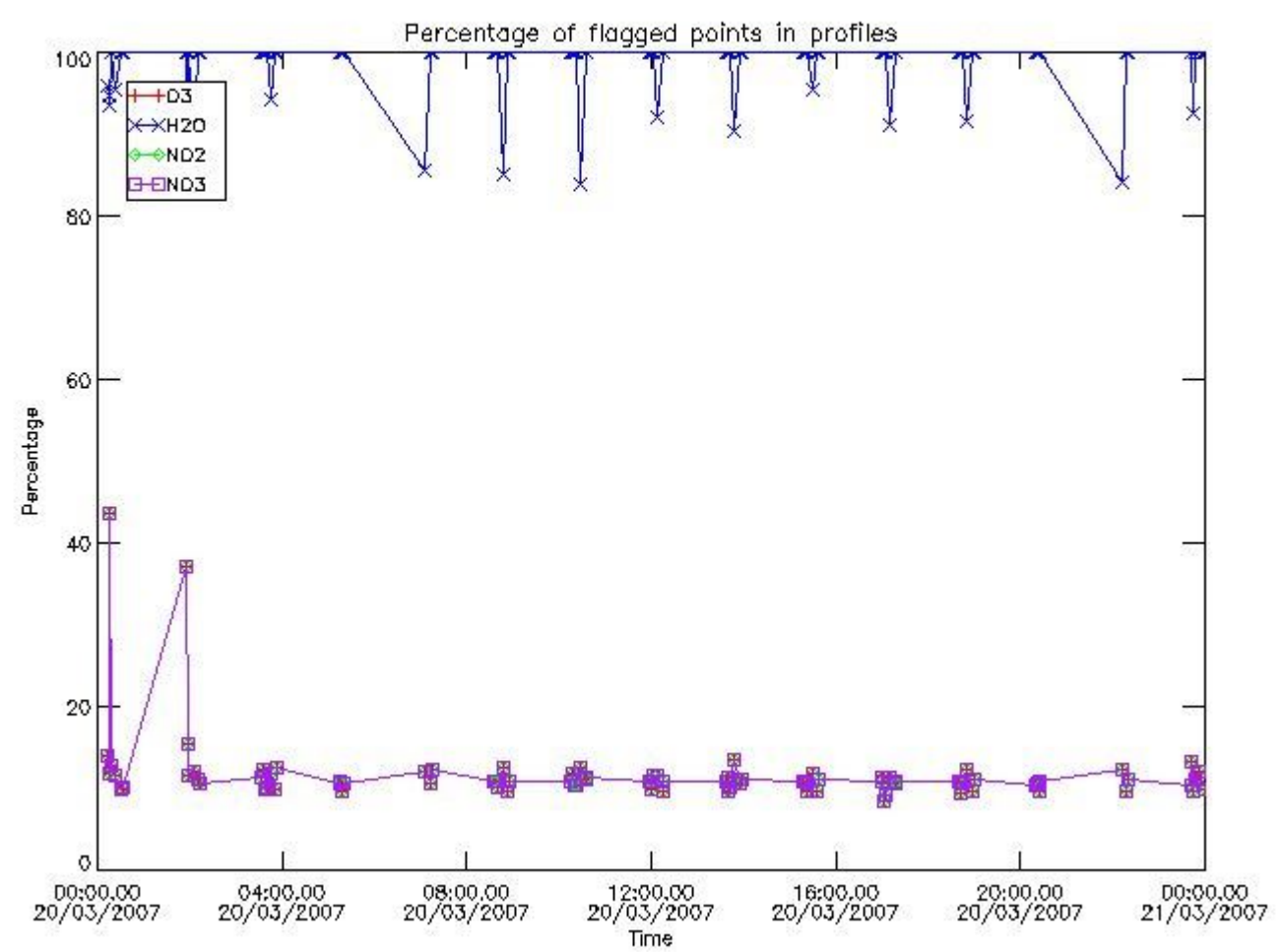
|     |  |                      |            |        |     |           |         |        |     |       |    |
|-----|--|----------------------|------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20070320_142147_000000442056_00311_26417_2250.N1 | 20-MAR-2007 14:21:47 | Bright     | 44.000 | 62  | 94Bet Leo | 2.1360  | 9700.0 | 88  | 26417 | No |
| 162 | GOM_NL__2PRFIN20070320_143005_000000372056_00311_26417_2251.N1 | 20-MAR-2007 14:30:05 | Bright     | 37.000 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 74  | 26417 | No |
| 163 | GOM_NL__2PRFIN20070320_143319_000000362056_00311_26417_2252.N1 | 20-MAR-2007 14:33:19 | Bright     | 36.000 | 82  | 48Bet UMa | 2.3650  | 10600. | 72  | 26417 | No |
| 164 | GOM_NL__2PRFIN20070320_143450_000000382056_00311_26417_2253.N1 | 20-MAR-2007 14:34:50 | Bright     | 37.500 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 75  | 26417 | No |
| 165 | GOM_NL__2PRFIN20070320_143704_000000462056_00311_26417_2254.N1 | 20-MAR-2007 14:37:04 | Bright     | 45.500 | 55  | 79Zet UMa | 2.0600  | 10200. | 91  | 26417 | No |
| 166 | GOM_NL__2PRFIN20070320_144146_000000382056_00311_26417_2255.N1 | 20-MAR-2007 14:41:46 | Bright     | 38.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 76  | 26417 | No |
| 167 | GOM_NL__2PRFIN20070320_145523_000000372056_00311_26417_2256.N1 | 20-MAR-2007 14:55:23 | Bright     | 36.500 | 19  | 50Alp Cyg | 1.2460  | 10500. | 73  | 26417 | No |
| 168 | GOM_NL__2PRFIN20070320_145658_000000382056_00311_26417_2257.N1 | 20-MAR-2007 14:56:58 | Bright     | 38.000 | 66  | 37Gam Cyg | 2.2080  | 5900.0 | 76  | 26417 | No |
| 169 | GOM_NL__2PRFIN20070320_145845_000000382056_00311_26417_2258.N1 | 20-MAR-2007 14:58:45 | Bright     | 37.500 | 92  | 53Eps Cyg | 2.5000  | 4500.0 | 75  | 26417 | No |
| 170 | GOM_NL__2PRFIN20070320_150724_000000592056_00311_26417_2259.N1 | 20-MAR-2007 15:07:24 | Twilight   | 59.000 | 11  | 53Alp Aql | 0.76500 | 8000.0 | 118 | 26417 | No |
| 171 | GOM_NL__2PRFIN20070320_151758_000000482056_00311_26417_2260.N1 | 20-MAR-2007 15:17:58 | Dark       | 47.500 | 155 | 41Pi Sgr  | 2.9000  | 6600.0 | 95  | 26417 | No |
| 172 | GOM_NL__2PRFIN20070320_152004_000000472056_00311_26417_2261.N1 | 20-MAR-2007 15:20:04 | Dark       | 47.000 | 57  | 34Sig Sgr | 2.0660  | 26000. | 94  | 26417 | No |
| 173 | GOM_NL__2PRFIN20070320_152140_000000542056_00311_26417_2262.N1 | 20-MAR-2007 15:21:40 | Dark       | 53.500 | 137 | 22Lam Sgr | 2.8240  | 4400.0 | 107 | 26417 | No |
| 174 | GOM_NL__2PRFIN20070320_152336_000000482056_00311_26417_2263.N1 | 20-MAR-2007 15:23:36 | Dark       | 48.000 | 38  | 20Eps Sgr | 1.8360  | 11000. | 96  | 26417 | No |
| 175 | GOM_NL__2PRFIN20070320_152919_000000442056_00312_26418_2248.N1 | 20-MAR-2007 15:29:19 | Dark       | 43.500 | 141 | Bet Ara   | 2.8400  | 4600.0 | 87  | 26418 | No |
| 176 | GOM_NL__2PRFIN20070320_153604_000000532056_00312_26418_2249.N1 | 20-MAR-2007 15:36:04 | Dark       | 53.000 | 131 | Gam Lup   | 2.8000  | 26000. | 106 | 26418 | No |
| 177 | GOM_NL__2PRFIN20070320_153748_000000462056_00312_26418_2250.N1 | 20-MAR-2007 15:37:48 | Dark       | 46.000 | 78  | Alp Lup   | 2.3040  | 28000. | 92  | 26418 | No |
| 178 | GOM_NL__2PRFIN20070320_153919_000000482056_00312_26418_2251.N1 | 20-MAR-2007 15:39:19 | Straylight | 48.000 | 81  | Eta Cen   | 2.3560  | 28000. | 96  | 26418 | No |
| 179 | GOM_NL__2PRFIN20070320_154221_000000612056_00312_26418_2252.N1 | 20-MAR-2007 15:42:21 | Straylight | 61.000 | 54  | 5The Cen  | 2.0550  | 4500.0 | 122 | 26418 | No |
| 180 | GOM_NL__2PRFIN20070320_154359_000000462056_00312_26418_2253.N1 | 20-MAR-2007 15:43:59 | Straylight | 45.500 | 123 | lot Cen   | 2.7500  | 10200. | 91  | 26418 | No |
| 181 | GOM_NL__2PRFIN20070320_154929_000000492056_00312_26418_2254.N1 | 20-MAR-2007 15:49:29 | Straylight | 49.000 | 106 | 9Bet Crv  | 2.6480  | 5600.0 | 98  | 26418 | No |
| 182 | GOM_NL__2PRFIN20070320_155142_000000452056_00312_26418_2255.N1 | 20-MAR-2007 15:51:42 | Twilight   | 45.000 | 100 | 4Gam Crv  | 2.5800  | 13100. | 90  | 26418 | No |
| 183 | GOM_NL__2PRFIN20070320_160223_000000432056_00312_26418_2256.N1 | 20-MAR-2007 16:02:23 | Bright     | 43.000 | 62  | 94Bet Leo | 2.1360  | 9700.0 | 86  | 26418 | No |
| 184 | GOM_NL__2PRFIN20070320_161040_000000382056_00312_26418_2257.N1 | 20-MAR-2007 16:10:40 | Bright     | 37.500 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 75  | 26418 | No |
| 185 | GOM_NL__2PRFIN20070320_161355_000000362056_00312_26418_2258.N1 | 20-MAR-2007 16:13:55 | Bright     | 36.000 | 82  | 48Bet UMa | 2.3650  | 10600. | 72  | 26418 | No |
| 186 | GOM_NL__2PRFIN20070320_161526_000000362056_00312_26418_2259.N1 | 20-MAR-2007 16:15:26 | Bright     | 35.500 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 71  | 26418 | No |
| 187 | GOM_NL__2PRFIN20070320_161739_000000462056_00312_26418_2260.N1 | 20-MAR-2007 16:17:39 | Bright     | 46.000 | 55  | 79Zet UMa | 2.0600  | 10200. | 92  | 26418 | No |
| 188 | GOM_NL__2PRFIN20070320_162222_000000412056_00312_26418_2261.N1 | 20-MAR-2007 16:22:22 | Bright     | 40.500 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 81  | 26418 | No |
| 189 | GOM_NL__2PRFIN20070320_163559_000000372056_00312_26418_2262.N1 | 20-MAR-2007 16:35:59 | Bright     | 36.500 | 19  | 50Alp Cyg | 1.2460  | 10500. | 73  | 26418 | No |
| 190 | GOM_NL__2PRFIN20070320_163734_000000402056_00312_26418_2263.N1 | 20-MAR-2007 16:37:34 | Bright     | 39.500 | 66  | 37Gam Cyg | 2.2080  | 5900.0 | 79  | 26418 | No |
| 191 | GOM_NL__2PRFIN20070320_163921_000000362056_00312_26418_2264.N1 | 20-MAR-2007 16:39:21 | Bright     | 36.000 | 92  | 53Eps Cyg | 2.5000  | 4500.0 | 72  | 26418 | No |
| 192 | GOM_NL__2PRFIN20070320_164801_000000552056_00312_26418_2265.N1 | 20-MAR-2007 16:48:01 | Twilight   | 54.500 | 11  | 53Alp Aql | 0.76500 | 8000.0 | 109 | 26418 | No |
| 193 | GOM_NL__2PRFIN20070320_165835_000000482056_00312_26418_2266.N1 | 20-MAR-2007 16:58:35 | Dark       | 47.500 | 155 | 41Pi Sgr  | 2.9000  | 6600.0 | 95  | 26418 | No |
| 194 | GOM_NL__2PRFIN20070320_170040_000000452056_00312_26418_2267.N1 | 20-MAR-2007 17:00:40 | Dark       | 45.000 | 57  | 34Sig Sgr | 2.0660  | 26000. | 90  | 26418 | No |
| 195 | GOM_NL__2PRFIN20070320_170217_000000662056_00312_26418_2268.N1 | 20-MAR-2007 17:02:17 | Dark       | 65.500 | 137 | 22Lam Sgr | 2.8240  | 4400.0 | 131 | 26418 | No |
| 196 | GOM_NL__2PRFIN20070320_170413_000000562056_00312_26418_2269.N1 | 20-MAR-2007 17:04:13 | Dark       | 56.000 | 38  | 20Eps Sgr | 1.8360  | 11000. | 112 | 26418 | No |
| 197 | GOM_NL__2PRFIN20070320_170955_000000452056_00313_26419_2264.N1 | 20-MAR-2007 17:09:55 | Dark       | 45.000 | 141 | Bet Ara   | 2.8400  | 4600.0 | 90  | 26419 | No |
| 198 | GOM_NL__2PRFIN20070320_171641_000000532056_00313_26419_2265.N1 | 20-MAR-2007 17:16:41 | Dark       | 52.500 | 131 | Gam Lup   | 2.8000  | 26000. | 105 | 26419 | No |
| 199 | GOM_NL__2PRFIN20070320_171825_000000472056_00313_26419_2266.N1 | 20-MAR-2007 17:18:25 | Dark       | 46.500 | 78  | Alp Lup   | 2.3040  | 28000. | 93  | 26419 | No |
| 200 | GOM_NL__2PRFIN20070320_171955_000000492056_00313_26419_2267.N1 | 20-MAR-2007 17:19:55 | Straylight | 48.500 | 81  | Eta Cen   | 2.3560  | 28000. | 97  | 26419 | No |
| 201 | GOM_NL__2PRFIN20070320_172258_000000582056_00313_26419_2268.N1 | 20-MAR-2007 17:22:58 | Straylight | 58.000 | 54  | 5The Cen  | 2.0550  | 4500.0 | 116 | 26419 | No |
| 202 | GOM_NL__2PRFIN20070320_172435_000000482056_00313_26419_2269.N1 | 20-MAR-2007 17:24:35 | Straylight | 47.500 | 123 | lot Cen   | 2.7500  | 10200. | 95  | 26419 | No |
| 203 | GOM_NL__2PRFIN20070320_173006_000000502056_00313_26419_2270.N1 | 20-MAR-2007 17:30:06 | Straylight | 50.000 | 106 | 9Bet Crv  | 2.6480  | 5600.0 | 100 | 26419 | No |
| 204 | GOM_NL__2PRFIN20070320_173218_000000482056_00313_26419_2271.N1 | 20-MAR-2007 17:32:18 | Twilight   | 48.000 | 100 | 4Gam Crv  | 2.5800  | 13100. | 96  | 26419 | No |
| 205 | GOM_NL__2PRFIN20070320_174258_000000602056_00313_26419_2272.N1 | 20-MAR-2007 17:42:58 | Bright     | 60.000 | 62  | 94Bet Leo | 2.1360  | 9700.0 | 120 | 26419 | No |
| 206 | GOM_NL__2PRFIN20070320_175116_000000382056_00313_26419_2273.N1 | 20-MAR-2007 17:51:16 | Bright     | 38.000 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 76  | 26419 | No |
| 207 | GOM_NL__2PRFIN20070320_175431_000000392056_00313_26419_2274.N1 | 20-MAR-2007 17:54:31 | Bright     | 38.500 | 82  | 48Bet UMa | 2.3650  | 10600. | 77  | 26419 | No |
| 208 | GOM_NL__2PRFIN20070320_175601_000000392056_00313_26419_2275.N1 | 20-MAR-2007 17:56:01 | Bright     | 38.500 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 77  | 26419 | No |
| 209 | GOM_NL__2PRFIN20070320_175814_000000672056_00313_26419_2276.N1 | 20-MAR-2007 17:58:14 | Bright     | 67.000 | 55  | 79Zet UMa | 2.0600  | 10200. | 134 | 26419 | No |
| 210 | GOM_NL__2PRFIN20070320_180258_000000412056_00313_26419_2277.N1 | 20-MAR-2007 18:02:58 | Bright     | 41.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 82  | 26419 | No |
| 211 | GOM_NL__2PRFIN20070320_181635_000000392056_00313_26419_2278.N1 | 20-MAR-2007 18:16:35 | Bright     | 38.500 | 19  | 50Alp Cyg | 1.2460  | 10500. | 77  | 26419 | No |
| 212 | GOM_NL__2PRFIN20070320_181811_000000392056_00313_26419_2279.N1 | 20-MAR-2007 18:18:11 | Bright     | 38.500 | 66  | 37Gam Cyg | 2.2080  | 5900.0 | 77  | 26419 | No |
| 213 | GOM_NL__2PRFIN20070320_181957_000000552056_00313_26419_2280.N1 | 20-MAR-2007 18:19:57 | Bright     | 55.000 | 92  | 53Eps Cyg | 2.5000  | 4500.0 | 110 | 26419 | No |
| 214 | GOM_NL__2PRFIN20070320_182837_000000542056_00313_26419_2281.N1 | 20-MAR-2007 18:28:37 | Twilight   | 53.500 | 11  | 53Alp Aql | 0.76500 | 8000.0 | 107 | 26419 | No |
| 215 | GOM_NL__2PRFIN20070320_183912_000000472056_00313_26419_2282.N1 | 20-MAR-2007 18:39:12 | Dark       | 47.000 | 155 | 41Pi Sgr  | 2.9000  | 6600.0 | 94  | 26419 | No |
| 216 | GOM_NL__2PRFIN20070320_184117_000000472056_00313_26419_2283.N1 | 20-MAR-2007 18:41:17 | Dark       | 46.500 | 57  | 34Sig Sgr | 2.0660  | 26000. | 93  | 26419 | No |
| 217 | GOM_NL__2PRFIN20070320_184254_000000552056_00313_26419_2284.N1 | 20-MAR-2007 18:42:54 | Dark       | 54.500 | 137 | 22Lam Sgr | 2.8240  | 4400.0 | 109 | 26419 | No |
| 218 | GOM_NL__2PRFIN20070320_184450_000000492056_00313_26419_2285.N1 | 20-MAR-2007 18:44:50 | Dark       | 48.500 | 38  | 20Eps Sgr | 1.8360  | 11000. | 97  | 26419 | No |
| 219 | GOM_NL__2PRFIN20070320_185032_000000422056_00314_26420_2279.N1 | 20-MAR-2007 18:50:32 | Dark       | 41.500 | 141 | Bet Ara   | 2.8400  | 4600.0 | 83  | 26420 | No |

|     |  |                      |                |        |     |           |         |        |     |       |    |
|-----|--|----------------------|----------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 220 | GOM_NL__2PRFIN20070320_185718_000000532056_00314_26420_2280.N1 | 20-MAR-2007 18:57:18 | Dark           | 53.000 | 131 | Gam Lup   | 2.8000  | 26000. | 106 | 26420 | No |
| 221 | GOM_NL__2PRFIN20070320_185901_000000462056_00314_26420_2281.N1 | 20-MAR-2007 18:59:01 | Dark           | 46.000 | 78  | Alp Lup   | 2.3040  | 28000. | 92  | 26420 | No |
| 222 | GOM_NL__2PRFIN20070320_190032_000000512056_00314_26420_2282.N1 | 20-MAR-2007 19:00:32 | Straylight     | 50.500 | 81  | Eta Cen   | 2.3560  | 28000. | 101 | 26420 | No |
| 223 | GOM_NL__2PRFIN20070320_190335_000000592056_00314_26420_2283.N1 | 20-MAR-2007 19:03:35 | Straylight     | 58.500 | 54  | 5The Cen  | 2.0550  | 4500.0 | 117 | 26420 | No |
| 224 | GOM_NL__2PRFIN20070320_190512_000000492056_00314_26420_2284.N1 | 20-MAR-2007 19:05:12 | Straylight     | 48.500 | 123 | lot Cen   | 2.7500  | 10200. | 97  | 26420 | No |
| 225 | GOM_NL__2PRFIN20070320_191042_000000492056_00314_26420_2285.N1 | 20-MAR-2007 19:10:42 | Straylight     | 49.000 | 106 | 9Bet Crv  | 2.6480  | 5600.0 | 98  | 26420 | No |
| 226 | GOM_NL__2PRFIN20070320_191254_000000492056_00314_26420_2286.N1 | 20-MAR-2007 19:12:54 | Tw_i_and_stray | 48.500 | 100 | 4Gam Crv  | 2.5800  | 13100. | 97  | 26420 | No |
| 227 | GOM_NL__2PRFIN20070320_192334_000000432056_00314_26420_2287.N1 | 20-MAR-2007 19:23:34 | Bright         | 42.500 | 62  | 94Bet Leo | 2.1360  | 9700.0 | 85  | 26420 | No |
| 228 | GOM_NL__2PRFIN20070320_193152_000000382056_00314_26420_2288.N1 | 20-MAR-2007 19:31:52 | Bright         | 38.000 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 76  | 26420 | No |
| 229 | GOM_NL__2PRFIN20070320_193507_000000372056_00314_26420_2289.N1 | 20-MAR-2007 19:35:07 | Bright         | 36.500 | 82  | 48Bet UMa | 2.3650  | 10600. | 73  | 26420 | No |
| 230 | GOM_NL__2PRFIN20070320_193637_000000392056_00314_26420_2290.N1 | 20-MAR-2007 19:36:37 | Bright         | 39.000 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 78  | 26420 | No |
| 231 | GOM_NL__2PRFIN20070320_193849_000000452056_00314_26420_2291.N1 | 20-MAR-2007 19:38:49 | Bright         | 45.000 | 55  | 79Zet UMa | 2.0600  | 10200. | 90  | 26420 | No |
| 232 | GOM_NL__2PRFIN20070320_194333_000000402056_00314_26420_2292.N1 | 20-MAR-2007 19:43:33 | Bright         | 40.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 80  | 26420 | No |
| 233 | GOM_NL__2PRFIN20070320_195711_000000382056_00314_26420_2293.N1 | 20-MAR-2007 19:57:11 | Bright         | 37.500 | 19  | 50Alp Cyg | 1.2460  | 10500. | 75  | 26420 | No |
| 234 | GOM_NL__2PRFIN20070320_195846_000000572056_00314_26420_2294.N1 | 20-MAR-2007 19:58:46 | Bright         | 57.000 | 66  | 37Gam Cyg | 2.2080  | 5900.0 | 114 | 26420 | No |
| 235 | GOM_NL__2PRFIN20070320_200033_000000382056_00314_26420_2295.N1 | 20-MAR-2007 20:00:33 | Bright         | 38.000 | 92  | 53Eps Cyg | 2.5000  | 4500.0 | 76  | 26420 | No |
| 236 | GOM_NL__2PRFIN20070320_200914_000000532056_00314_26420_2296.N1 | 20-MAR-2007 20:09:14 | Tw_i_and_stray | 53.000 | 11  | 53Alp Aql | 0.76500 | 8000.0 | 106 | 26420 | No |
| 237 | GOM_NL__2PRFIN20070320_201948_000000502056_00314_26420_2297.N1 | 20-MAR-2007 20:19:48 | Dark           | 49.500 | 155 | 41Pi Sgr  | 2.9000  | 6600.0 | 99  | 26420 | No |
| 238 | GOM_NL__2PRFIN20070320_202154_000000482056_00314_26420_2298.N1 | 20-MAR-2007 20:21:54 | Dark           | 48.000 | 57  | 34Sig Sgr | 2.0660  | 26000. | 96  | 26420 | No |
| 239 | GOM_NL__2PRFIN20070320_202331_000000542056_00314_26420_2299.N1 | 20-MAR-2007 20:23:31 | Dark           | 53.500 | 137 | 22Lam Sgr | 2.8240  | 4400.0 | 107 | 26420 | No |
| 240 | GOM_NL__2PRFIN20070320_202527_000000472056_00314_26420_2300.N1 | 20-MAR-2007 20:25:27 | Dark           | 47.000 | 38  | 20Eps Sgr | 1.8360  | 11000. | 94  | 26420 | No |
| 241 | GOM_NL__2PRFIN20070320_221145_000000422056_00316_26422_2325.N1 | 20-MAR-2007 22:11:45 | Dark           | 41.500 | 141 | Bet Ara   | 2.8400  | 4600.0 | 83  | 26422 | No |
| 242 | GOM_NL__2PRFIN20070320_221832_000000532056_00316_26422_2326.N1 | 20-MAR-2007 22:18:32 | Dark           | 53.000 | 131 | Gam Lup   | 2.8000  | 26000. | 106 | 26422 | No |
| 243 | GOM_NL__2PRFIN20070320_222015_000000462056_00316_26422_2327.N1 | 20-MAR-2007 22:20:15 | Dark           | 45.500 | 78  | Alp Lup   | 2.3040  | 28000. | 91  | 26422 | No |
| 244 | GOM_NL__2PRFIN20070320_222146_000000492056_00316_26422_2328.N1 | 20-MAR-2007 22:21:46 | Straylight     | 49.000 | 81  | Eta Cen   | 2.3560  | 28000. | 98  | 26422 | No |
| 245 | GOM_NL__2PRFIN20070320_222448_000000612056_00316_26422_2329.N1 | 20-MAR-2007 22:24:48 | Straylight     | 61.000 | 54  | 5The Cen  | 2.0550  | 4500.0 | 122 | 26422 | No |
| 246 | GOM_NL__2PRFIN20070320_222625_000000492056_00316_26422_2330.N1 | 20-MAR-2007 22:26:25 | Straylight     | 49.000 | 123 | lot Cen   | 2.7500  | 10200. | 98  | 26422 | No |
| 247 | GOM_NL__2PRFIN20070320_223154_000000492056_00316_26422_2331.N1 | 20-MAR-2007 22:31:54 | Straylight     | 48.500 | 106 | 9Bet Crv  | 2.6480  | 5600.0 | 97  | 26422 | No |
| 248 | GOM_NL__2PRFIN20070320_223406_000000482056_00316_26422_2332.N1 | 20-MAR-2007 22:34:06 | Tw_i_and_stray | 47.500 | 100 | 4Gam Crv  | 2.5800  | 13100. | 95  | 26422 | No |
| 249 | GOM_NL__2PRFIN20070320_224445_000000422056_00316_26422_2333.N1 | 20-MAR-2007 22:44:45 | Bright         | 42.000 | 62  | 94Bet Leo | 2.1360  | 9700.0 | 84  | 26422 | No |
| 250 | GOM_NL__2PRFIN20070320_225303_000000382056_00316_26422_2334.N1 | 20-MAR-2007 22:53:03 | Bright         | 38.000 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 76  | 26422 | No |
| 251 | GOM_NL__2PRFIN20070320_225618_000000372056_00316_26422_2335.N1 | 20-MAR-2007 22:56:18 | Bright         | 36.500 | 82  | 48Bet UMa | 2.3650  | 10600. | 73  | 26422 | No |
| 252 | GOM_NL__2PRFIN20070320_225749_000000392056_00316_26422_2336.N1 | 20-MAR-2007 22:57:49 | Bright         | 38.500 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 77  | 26422 | No |
| 253 | GOM_NL__2PRFIN20070320_225959_000000452056_00316_26422_2337.N1 | 20-MAR-2007 22:59:59 | Bright         | 45.000 | 55  | 79Zet UMa | 2.0600  | 10200. | 90  | 26422 | No |
| 254 | GOM_NL__2PRFIN20070320_230444_000000402056_00316_26422_2338.N1 | 20-MAR-2007 23:04:44 | Bright         | 40.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 80  | 26422 | No |
| 255 | GOM_NL__2PRFIN20070320_231823_000000372056_00316_26422_2339.N1 | 20-MAR-2007 23:18:23 | Bright         | 37.000 | 19  | 50Alp Cyg | 1.2460  | 10500. | 74  | 26422 | No |
| 256 | GOM_NL__2PRFIN20070320_231958_000000542056_00316_26422_2340.N1 | 20-MAR-2007 23:19:58 | Bright         | 53.500 | 66  | 37Gam Cyg | 2.2080  | 5900.0 | 107 | 26422 | No |
| 257 | GOM_NL__2PRFIN20070320_232145_000000372056_00316_26422_2341.N1 | 20-MAR-2007 23:21:45 | Bright         | 37.000 | 92  | 53Eps Cyg | 2.5000  | 4500.0 | 74  | 26422 | No |
| 258 | GOM_NL__2PRFIN20070320_233026_000000552056_00316_26422_2342.N1 | 20-MAR-2007 23:30:26 | Tw_i_and_stray | 54.500 | 11  | 53Alp Aql | 0.76500 | 8000.0 | 109 | 26422 | No |
| 259 | GOM_NL__2PRFIN20070320_234102_000000492056_00316_26422_2343.N1 | 20-MAR-2007 23:41:02 | Dark           | 49.000 | 155 | 41Pi Sgr  | 2.9000  | 6600.0 | 98  | 26422 | No |
| 260 | GOM_NL__2PRFIN20070320_234308_000000502056_00316_26422_2344.N1 | 20-MAR-2007 23:43:08 | Dark           | 50.000 | 57  | 34Sig Sgr | 2.0660  | 26000. | 100 | 26422 | No |
| 261 | GOM_NL__2PRFIN20070320_234445_000000542056_00316_26422_2345.N1 | 20-MAR-2007 23:44:45 | Dark           | 53.500 | 137 | 22Lam Sgr | 2.8240  | 4400.0 | 107 | 26422 | No |
| 262 | GOM_NL__2PRFIN20070320_234640_000000502056_00316_26422_2346.N1 | 20-MAR-2007 23:46:40 | Dark           | 50.000 | 38  | 20Eps Sgr | 1.8360  | 11000. | 100 | 26422 | No |
| 263 | GOM_NL__2PRFIN20070320_235221_000000422056_00317_26423_2338.N1 | 20-MAR-2007 23:52:21 | Dark           | 42.000 | 141 | Bet Ara   | 2.8400  | 4600.0 | 84  | 26423 | No |
| 264 | GOM_NL__2PRFIN20070320_235909_000000522056_00317_26423_2339.N1 | 20-MAR-2007 23:59:09 | Dark           | 51.500 | 131 | Gam Lup   | 2.8000  | 26000. | 103 | 26423 | No |

### 3. Quality information per product

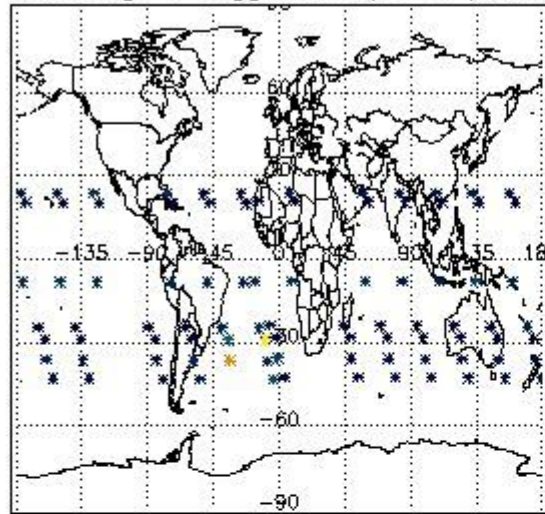
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

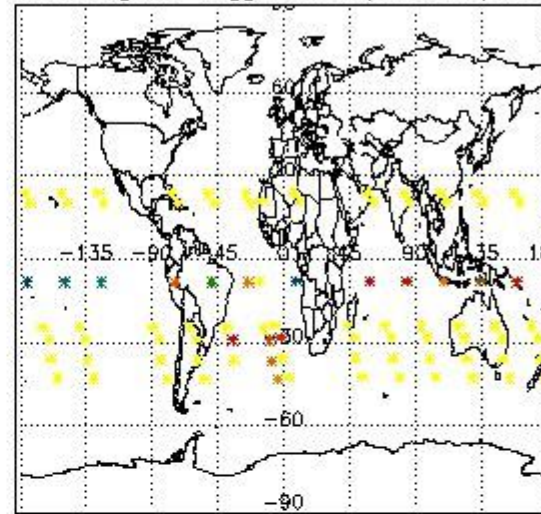


3.2 Plot quality information per product (world map)

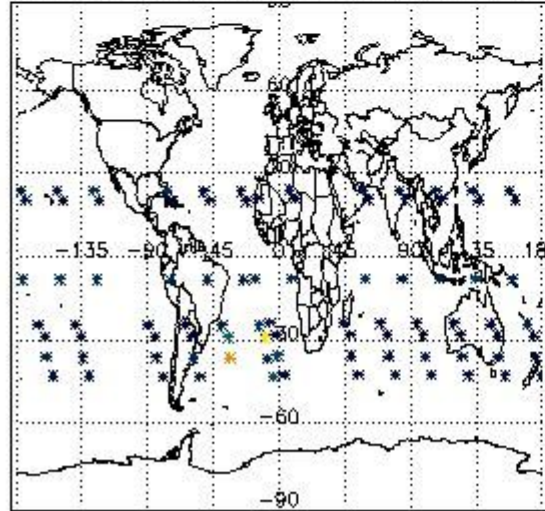
Percentage of flagged data per O3 profile



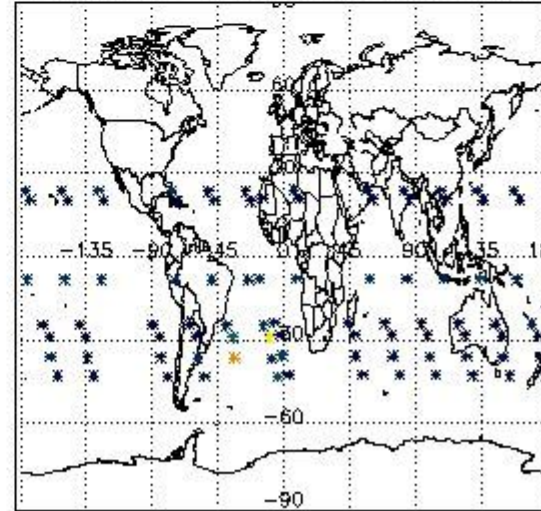
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile



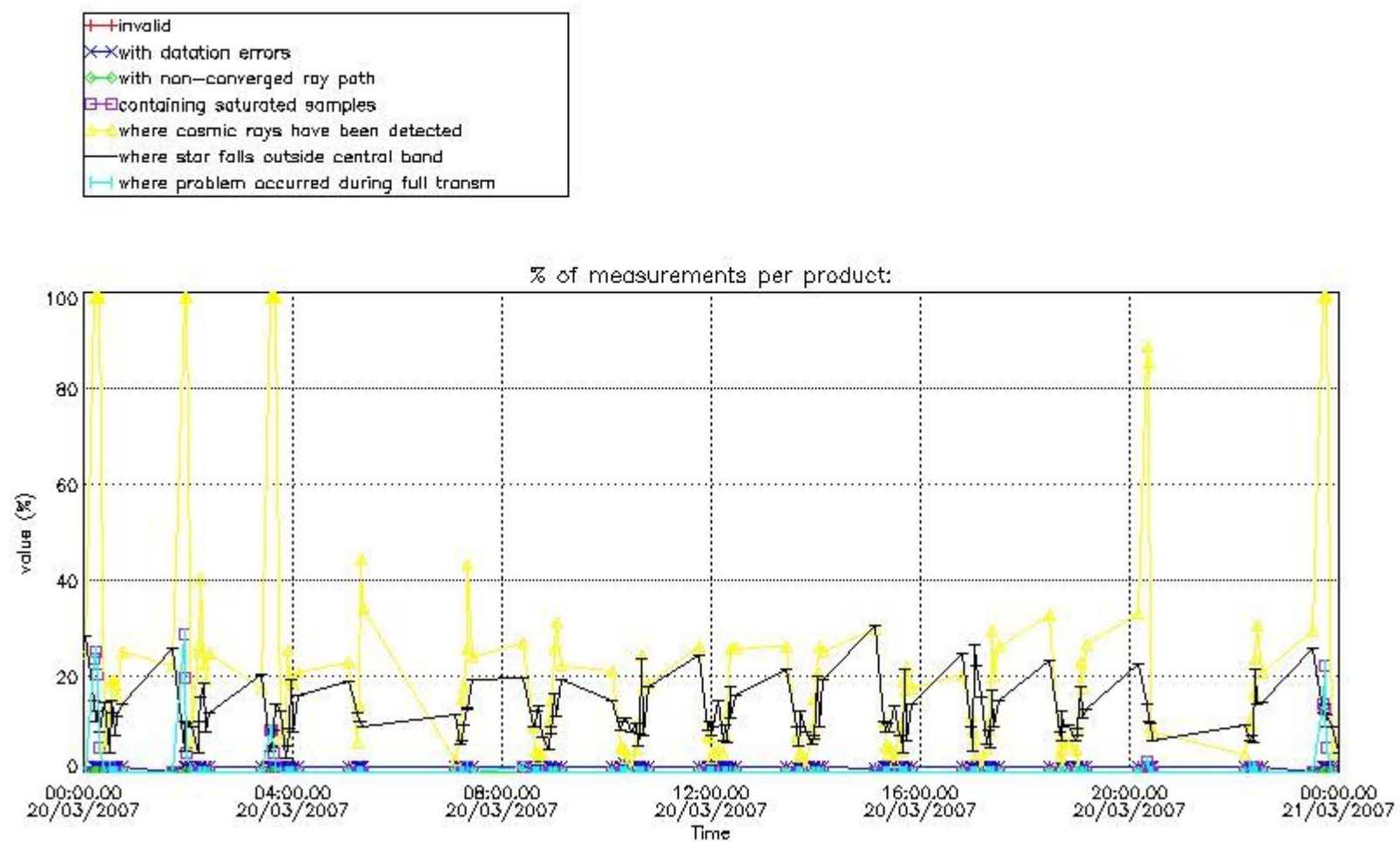
#### 4. Level 1 quality information per product

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

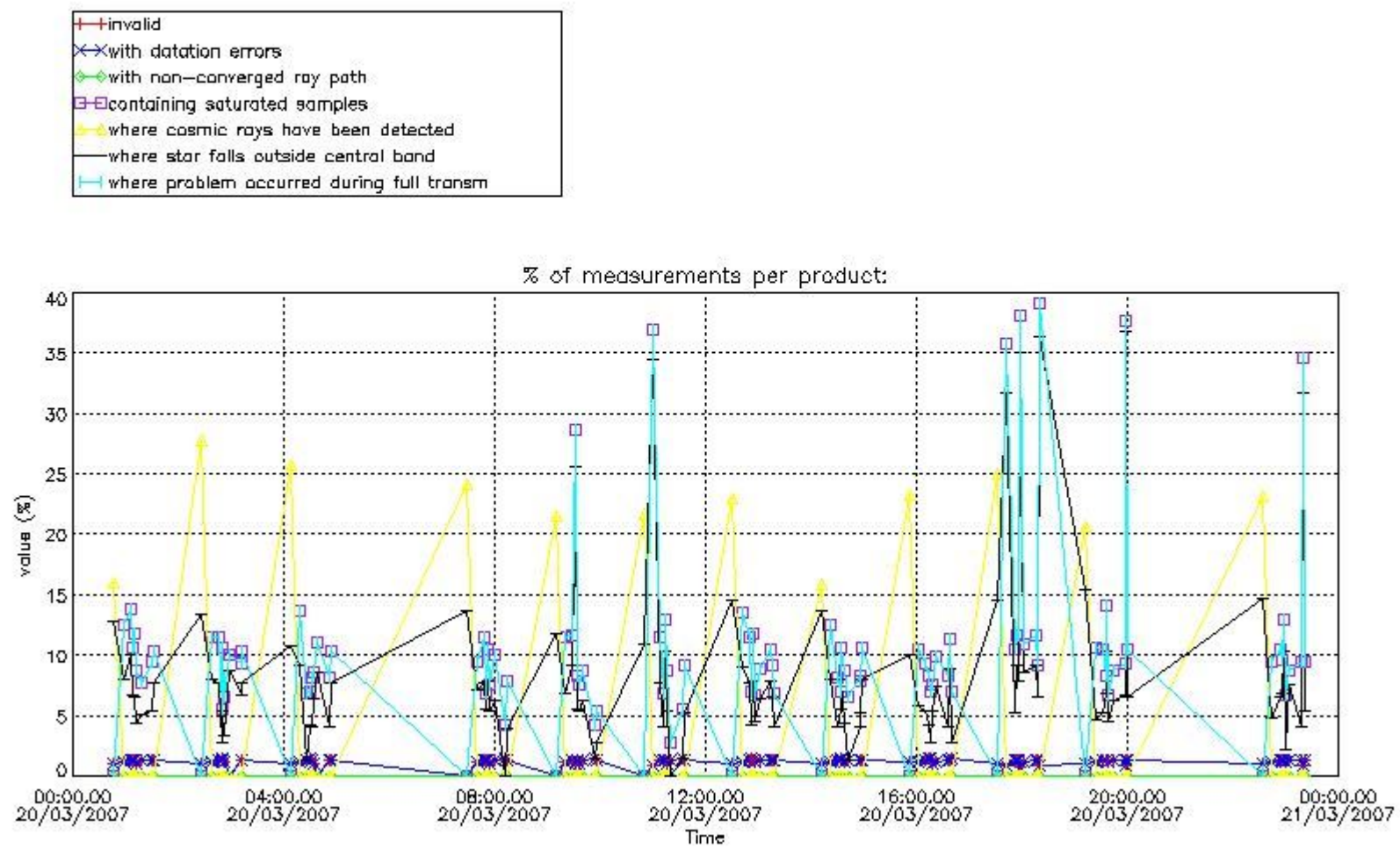
##### 4.1 Plot quality information per product (time dependant) coming from level 1b processing

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



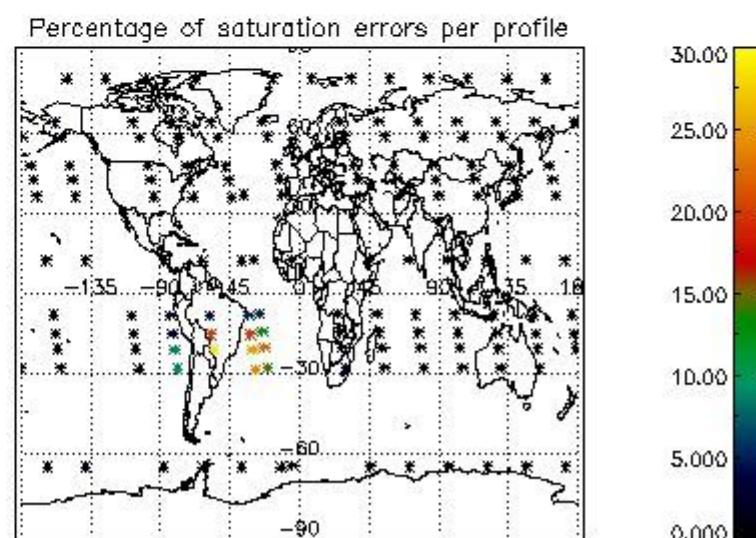
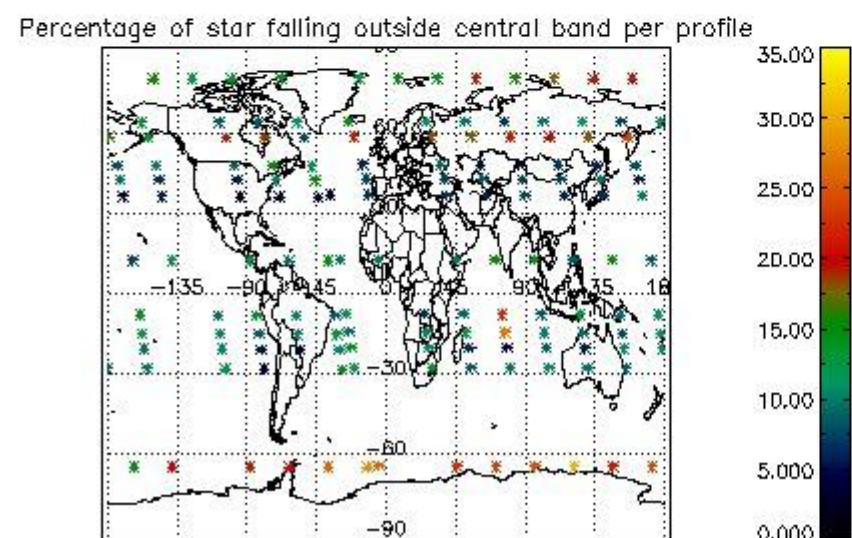
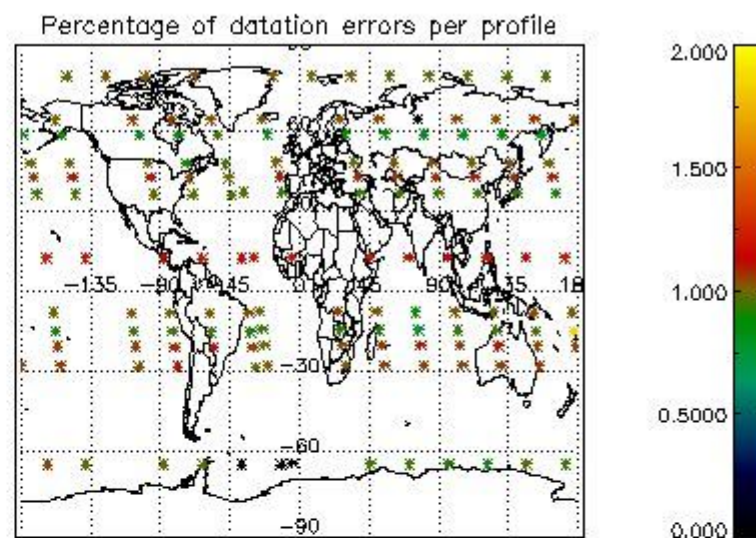
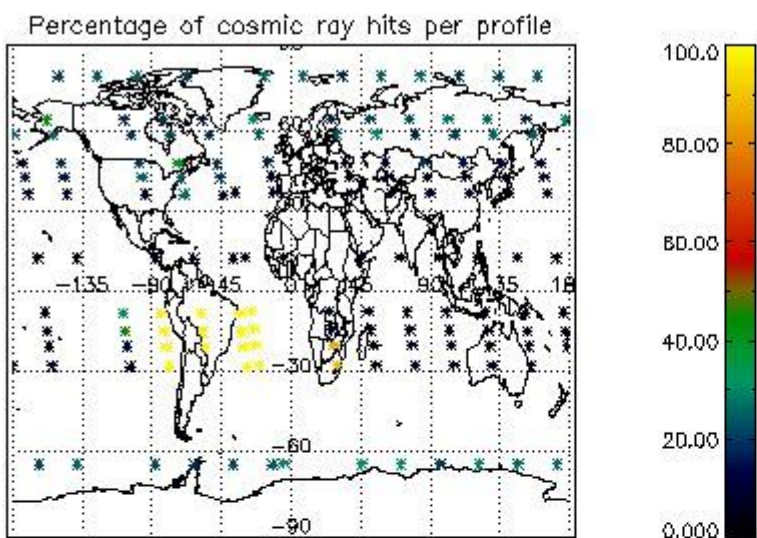


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

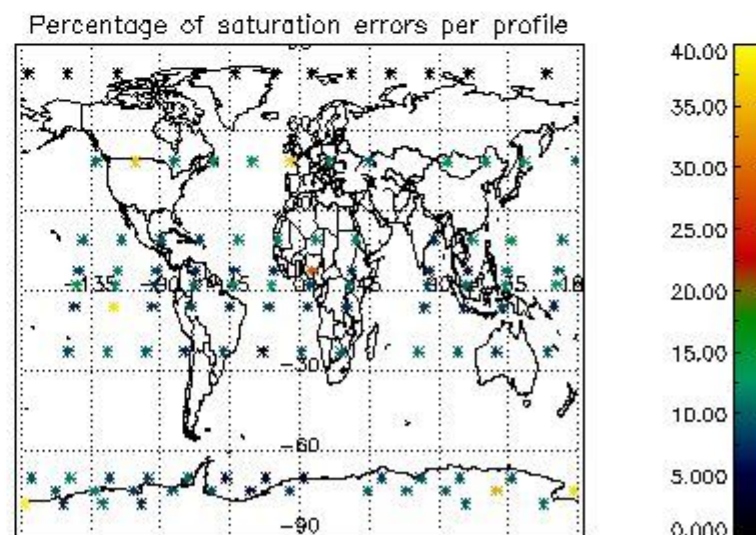
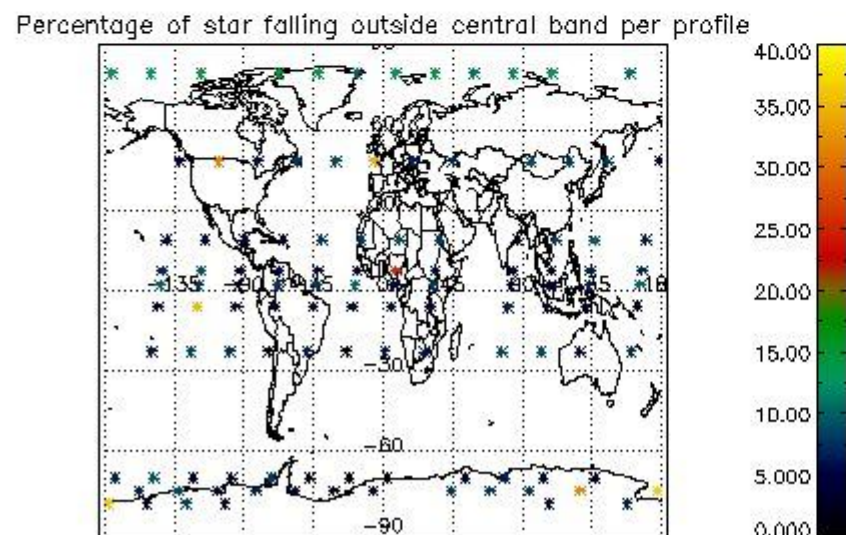
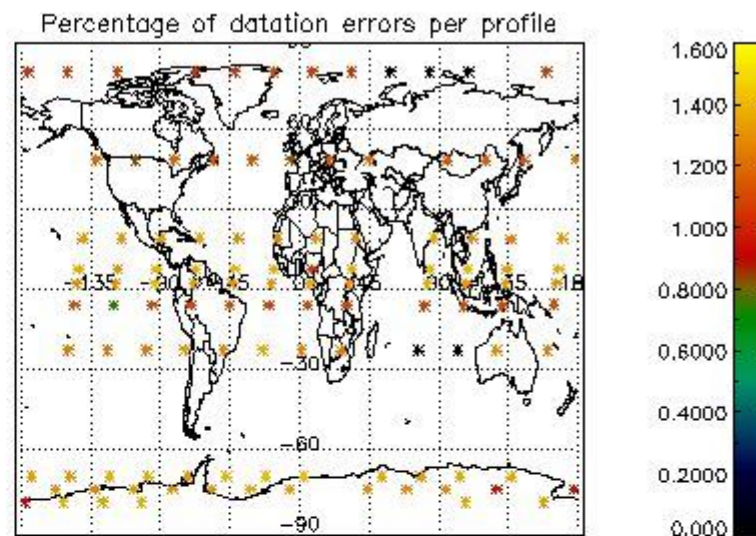
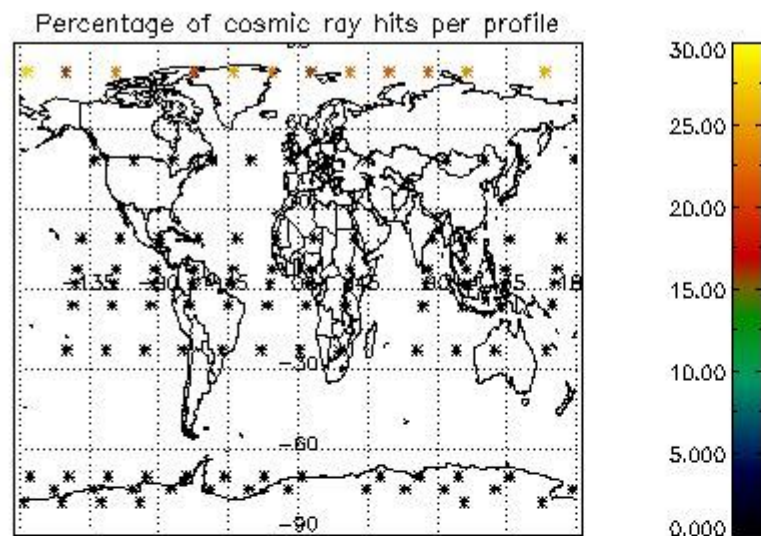


*4.2 Plot quality information per product coming from level 1b processing (world map)*

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



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



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

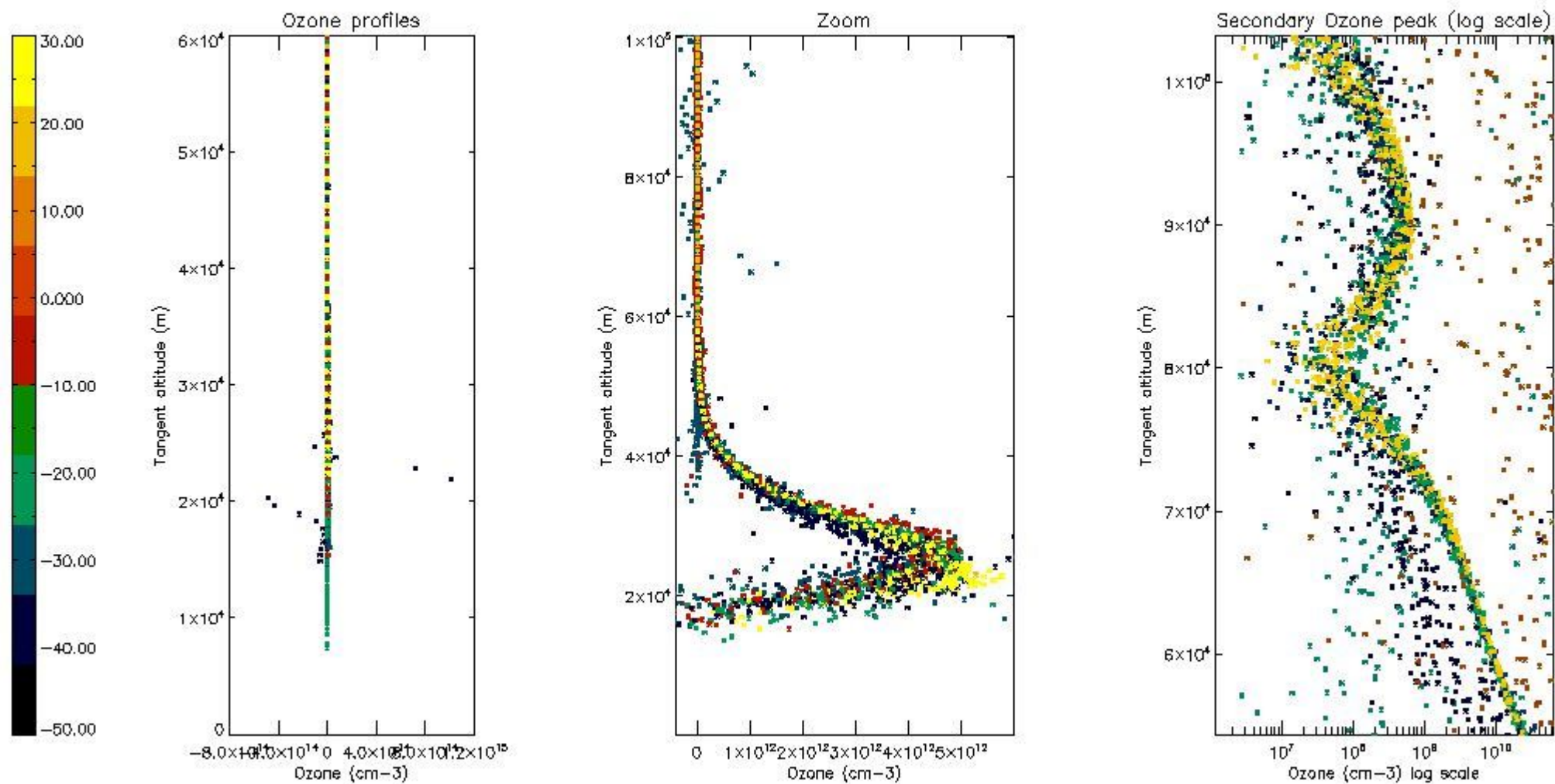
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD  | 36                    |
| STD < 20 | 18                    |

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

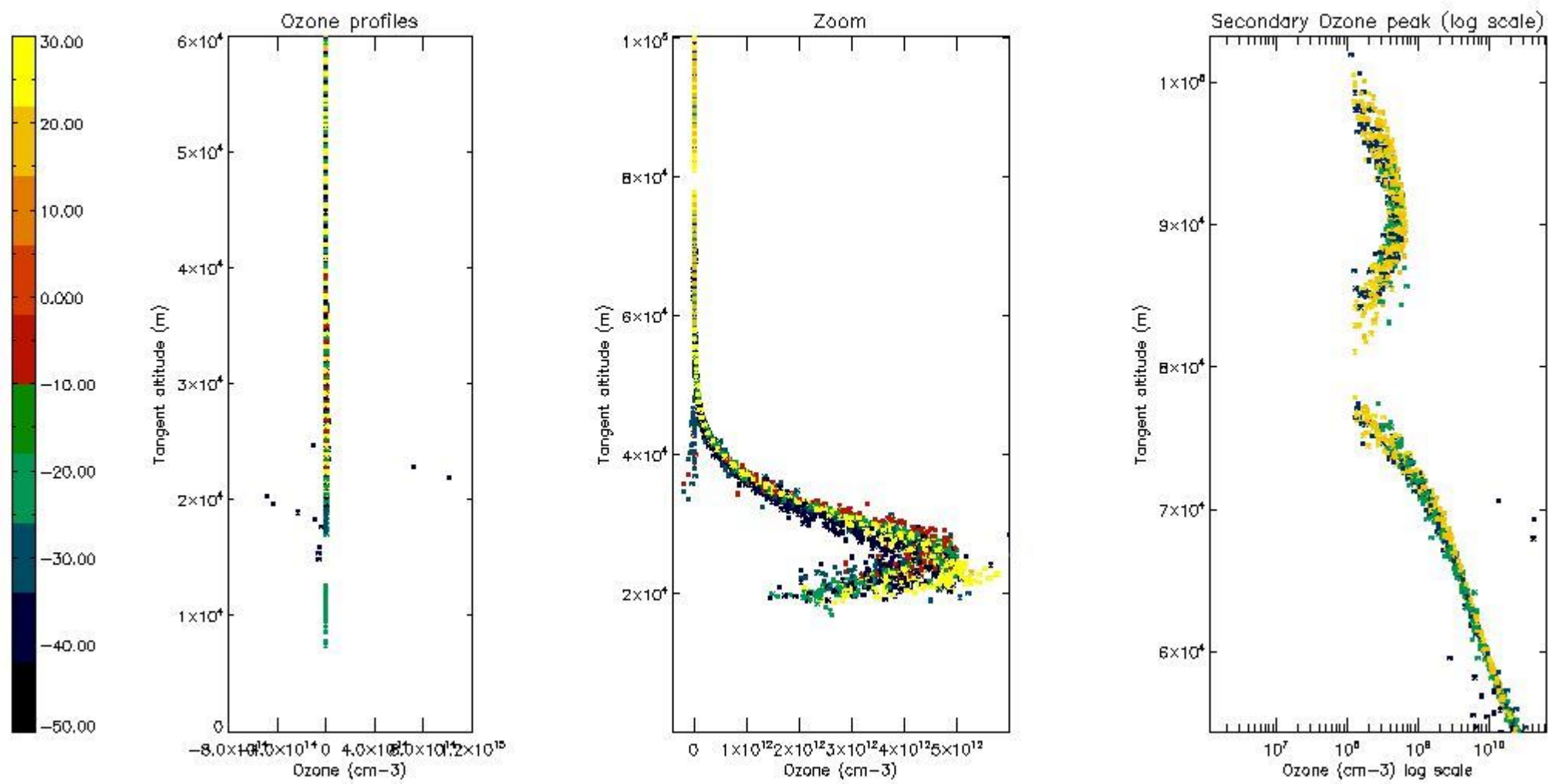
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



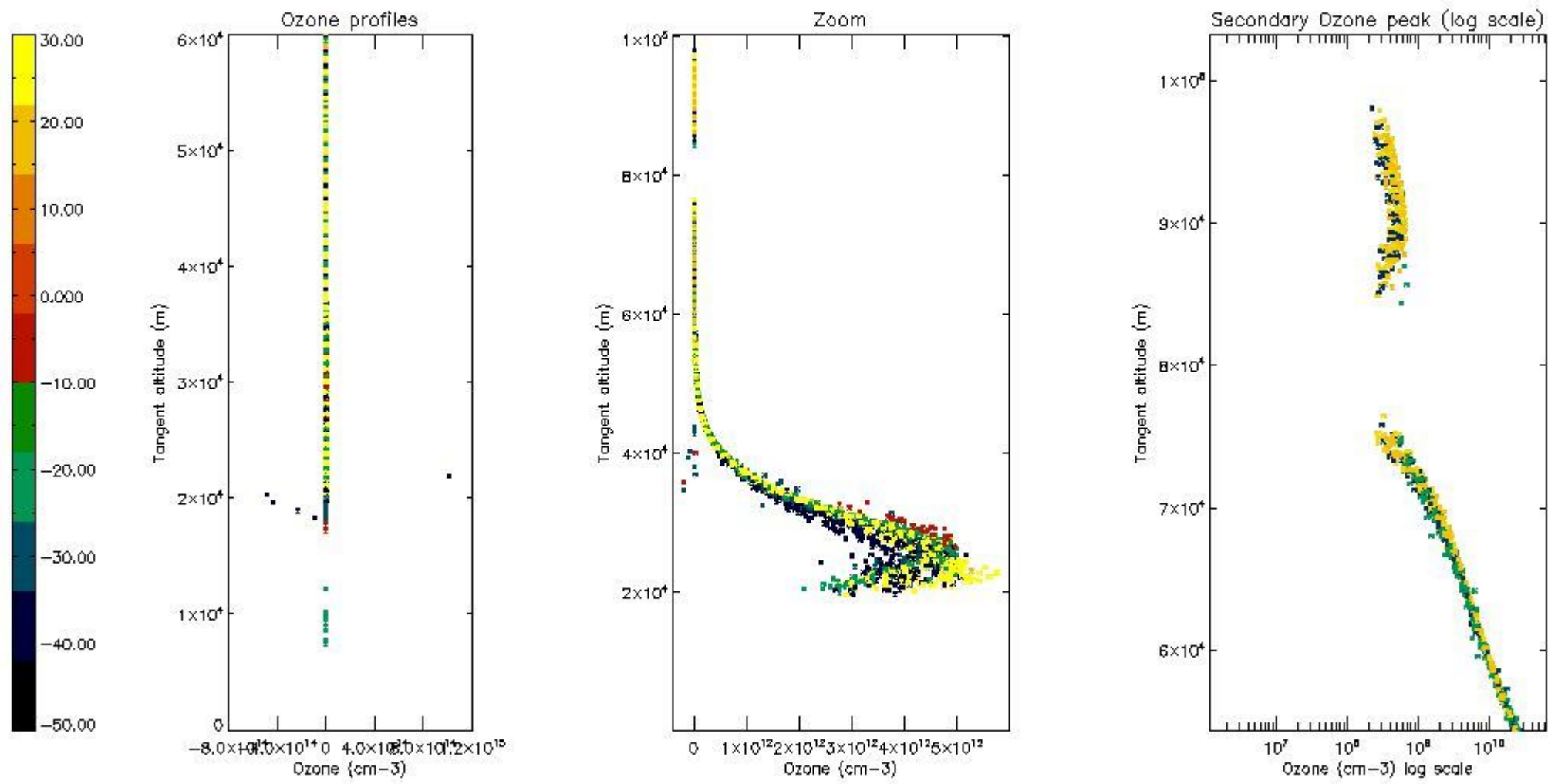
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



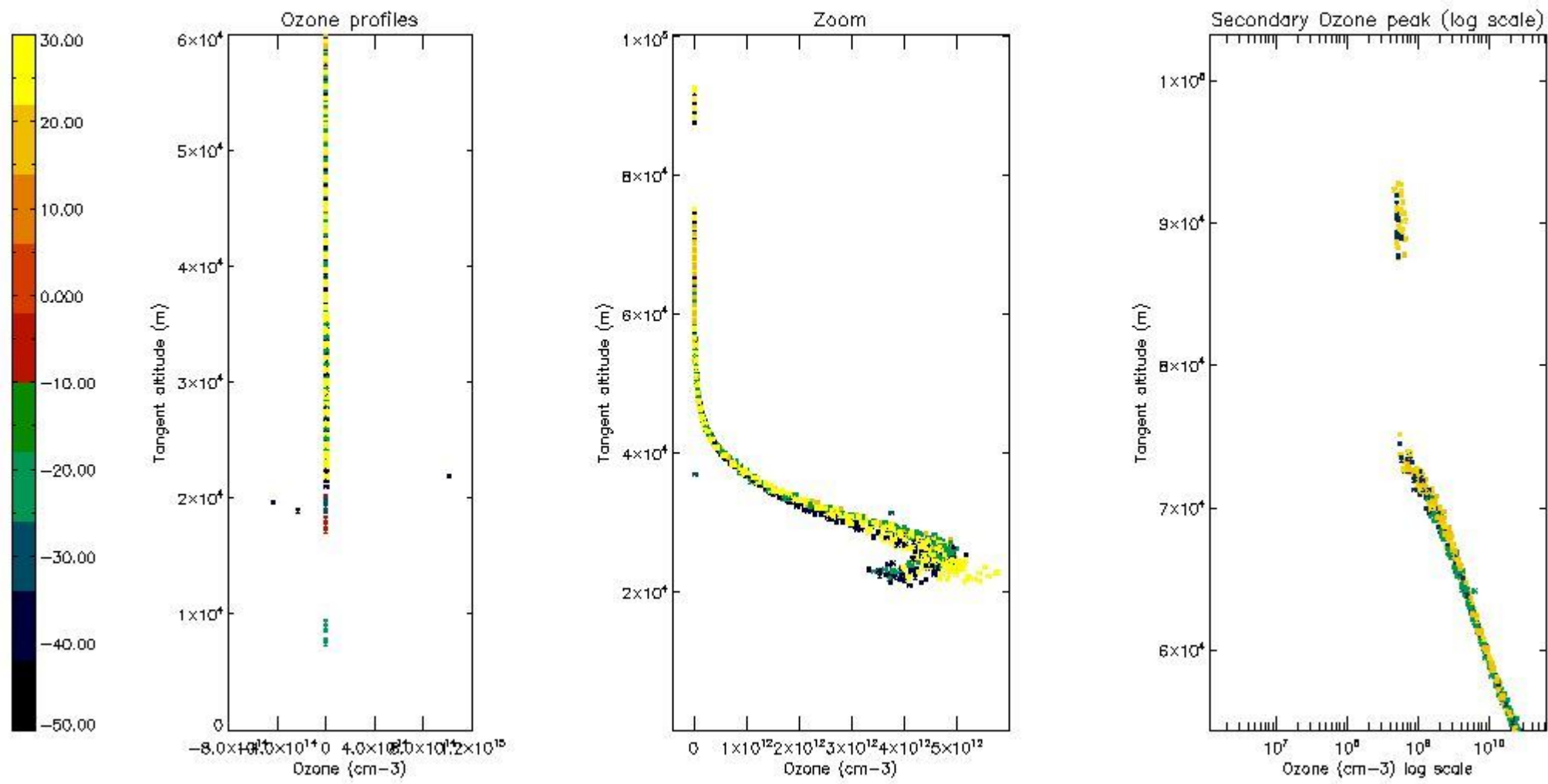
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



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

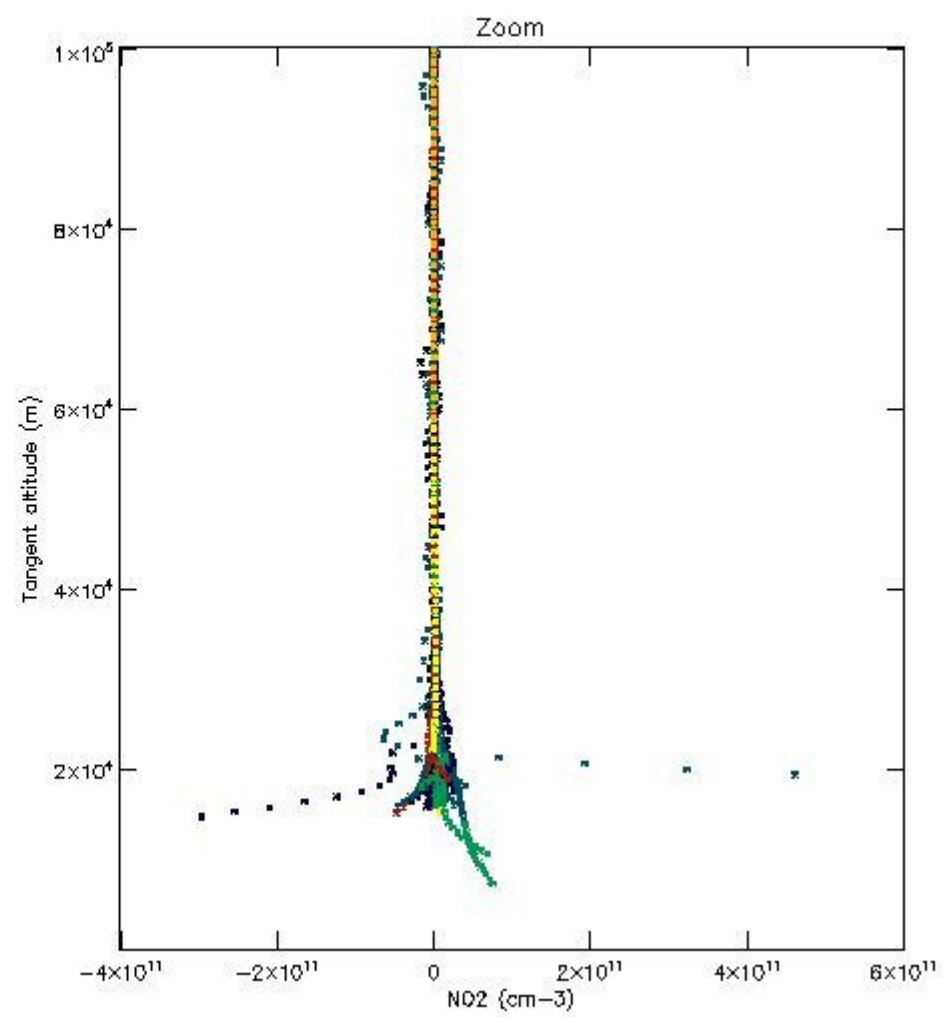
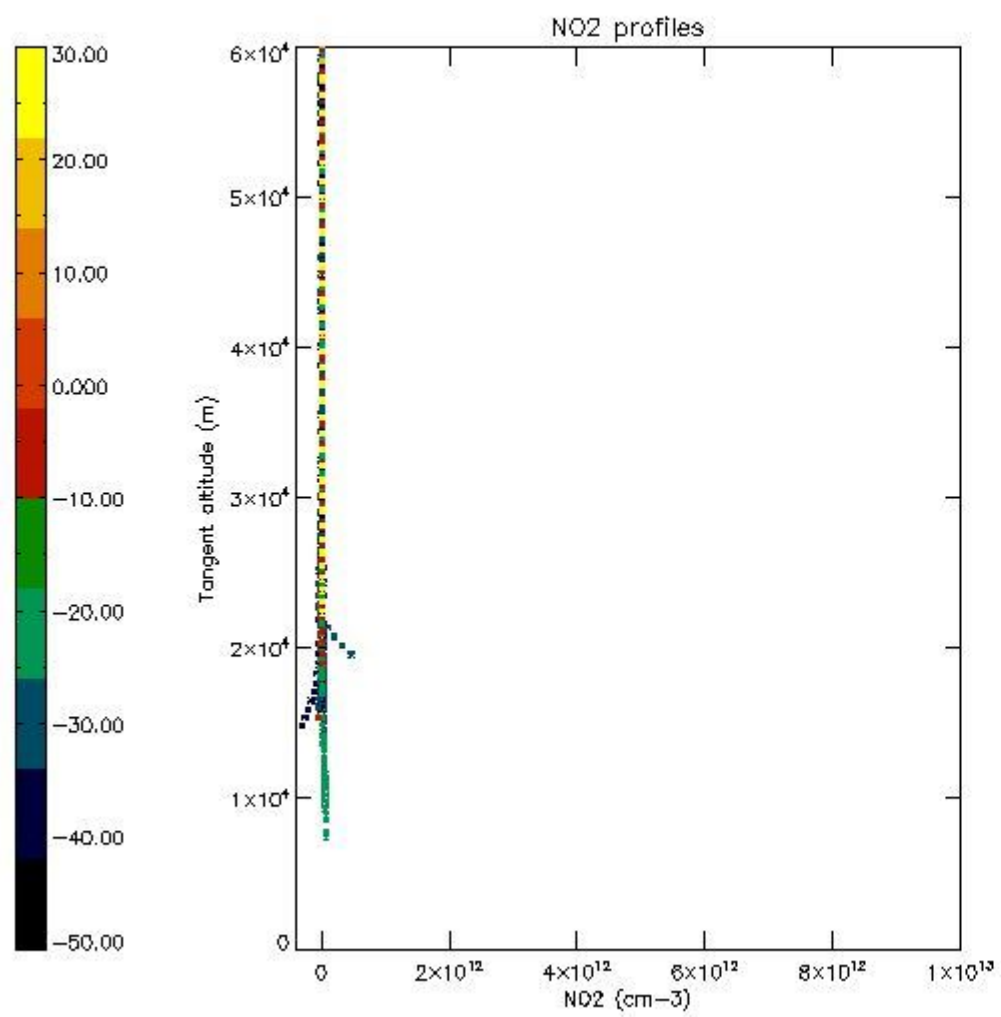
The colorbar represents the latitude.



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

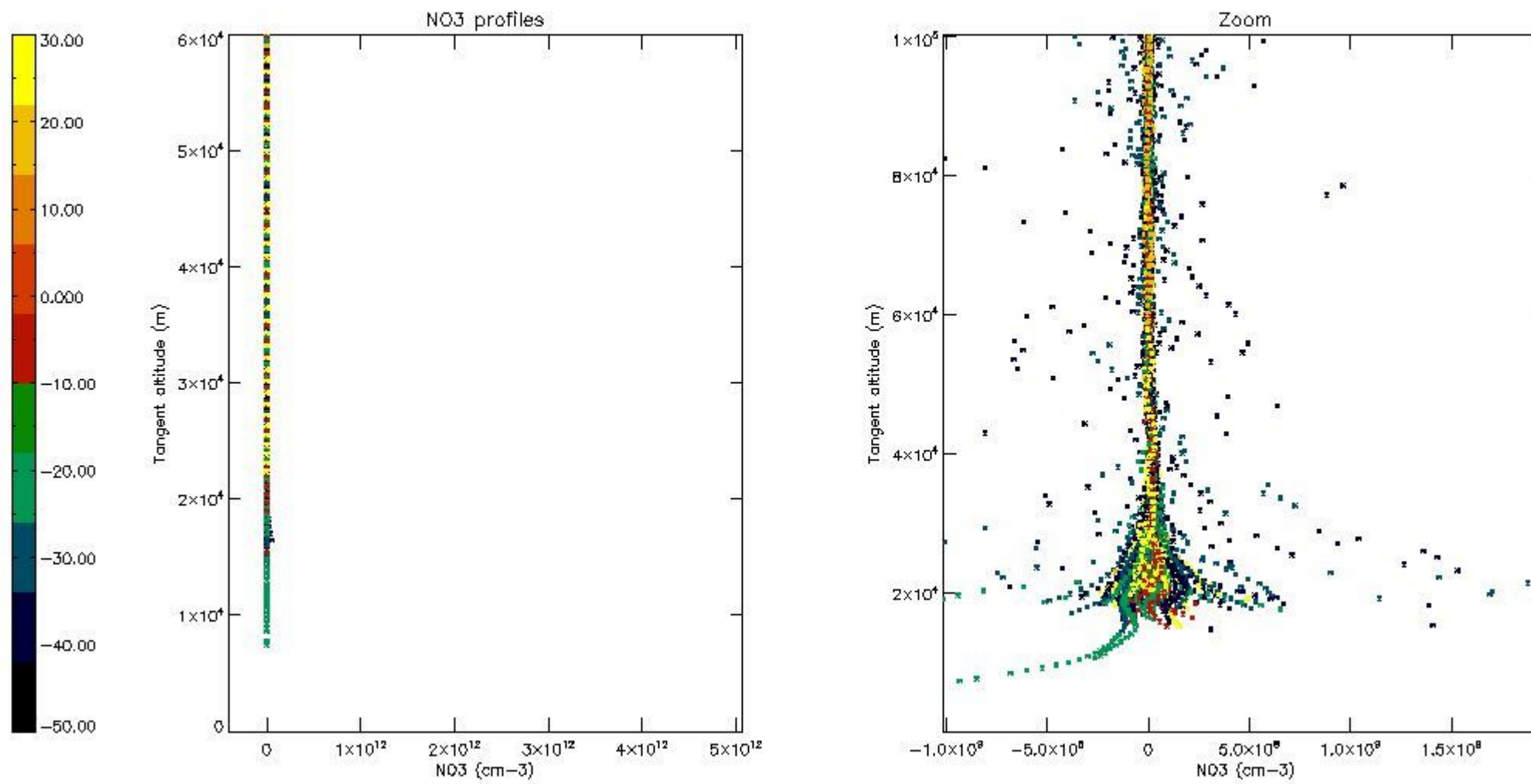
The colorbar represents the latitude.





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

The colorbar represents the latitude.



## 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                  | 20-MAR-2007 00:01:56    |
| LEVEL-2_PROC_CONFIG       | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1                  | 20-MAR-2007 00:01:56    |
| CROSS_SECTIONS_FILE       | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1                  | 20-MAR-2007 00:01:56    |

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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

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#### [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 17:35:44              |
| Data source version       | GOMOS/6.01                      |
| Start time of products    | 20-03-2007 (20MAR2007 00:00:00) |
| Stop time of products     | 21-03-2007 (21MAR2007 00:00:00) |
| Store outputs in DB       | Yes                             |
| Nb of level 2 prods       | 264                             |
| 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__2PRFIN20070320_000156_000000572056_00302_26408_9308.N1 | 20-MAR-2007 00:01:56 | Twilight   | 56.500   | 11      | 53Alp Aql | 0.76500  | 8000.0    | 113     | 26408 | No          |
| 2  | GOM_NL__2PRFIN20070320_001226_000000512056_00302_26408_9309.N1 | 20-MAR-2007 00:12:26 | Dark       | 50.500   | 155     | 41Pi Sgr  | 2.9000   | 6600.0    | 101     | 26408 | No          |
| 3  | GOM_NL__2PRFIN20070320_001431_000000482056_00302_26408_9310.N1 | 20-MAR-2007 00:14:31 | Dark       | 47.500   | 57      | 34Sig Sgr | 2.0660   | 26000.    | 95      | 26408 | No          |
| 4  | GOM_NL__2PRFIN20070320_001606_000000552056_00302_26408_9311.N1 | 20-MAR-2007 00:16:06 | Dark       | 54.500   | 137     | 22Lam Sgr | 2.8240   | 4400.0    | 109     | 26408 | No          |
| 5  | GOM_NL__2PRFIN20070320_001803_000000482056_00302_26408_9312.N1 | 20-MAR-2007 00:18:03 | Dark       | 48.000   | 38      | 20Eps Sgr | 1.8360   | 11000.    | 96      | 26408 | No          |
| 6  | GOM_NL__2PRFIN20070320_002349_000000452056_00303_26409_2074.N1 | 20-MAR-2007 00:23:49 | Dark       | 44.500   | 141     | Bet Ara   | 2.8400   | 4600.0    | 89      | 26409 | No          |
| 7  | GOM_NL__2PRFIN20070320_003030_000000522056_00303_26409_2075.N1 | 20-MAR-2007 00:30:30 | Dark       | 52.000   | 131     | Gam Lup   | 2.8000   | 26000.    | 104     | 26409 | No          |
| 8  | GOM_NL__2PRFIN20070320_003217_000000502056_00303_26409_2076.N1 | 20-MAR-2007 00:32:17 | Dark       | 50.000   | 78      | Alp Lup   | 2.3040   | 28000.    | 100     | 26409 | No          |
| 9  | GOM_NL__2PRFIN20070320_003348_000000532056_00303_26409_2077.N1 | 20-MAR-2007 00:33:48 | Straylight | 52.500   | 81      | Eta Cen   | 2.3560   | 28000.    | 105     | 26409 | No          |
| 10 | GOM_NL__2PRFIN20070320_003651_000000532056_00303_26409_2078.N1 | 20-MAR-2007 00:36:51 | Straylight | 52.500   | 54      | 5The Cen  | 2.0550   | 4500.0    | 105     | 26409 | No          |
| 11 | GOM_NL__2PRFIN20070320_003830_000000482056_00303_26409_2079.N1 | 20-MAR-2007 00:38:30 | Straylight | 48.000   | 123     | Iot Cen   | 2.7500   | 10200.    | 96      | 26409 | No          |
| 12 | GOM_NL__2PRFIN20070320_004404_000000502056_00303_26409_2080.N1 | 20-MAR-2007 00:44:04 | Straylight | 49.500   | 106     | 9Bet Crv  | 2.6480   | 5600.0    | 99      | 26409 | No          |
| 13 | GOM_NL__2PRFIN20070320_004617_000000472056_00303_26409_2081.N1 | 20-MAR-2007 00:46:17 | Twilight   | 47.000   | 100     | 4Gam Crv  | 2.5800   | 13100.    | 94      | 26409 | No          |
| 14 | GOM_NL__2PRFIN20070320_005703_000000442056_00303_26409_2082.N1 | 20-MAR-2007 00:57:03 | Bright     | 44.000   | 62      | 94Bet Leo | 2.1360   | 9700.0    | 88      | 26409 | No          |
| 15 | GOM_NL__2PRFIN20070320_010519_000000402056_00303_26409_2083.N1 | 20-MAR-2007 01:05:19 | Bright     | 40.000   | 174     | 52Psi UMa | 3.0040   | 4400.0    | 80      | 26409 | No          |
| 16 | GOM_NL__2PRFIN20070320_010834_000000382056_00303_26409_2084.N1 | 20-MAR-2007 01:08:34 | Bright     | 37.500   | 82      | 48Bet UMa | 2.3650   | 10600.    | 75      | 26409 | No          |
| 17 | GOM_NL__2PRFIN20070320_011004_000000382056_00303_26409_2085.N1 | 20-MAR-2007 01:10:04 | Bright     | 38.000   | 36      | 50Alp UMa | 1.8000   | 6300.0    | 76      | 26409 | No          |
| 18 | GOM_NL__2PRFIN20070320_011222_000000462056_00303_26409_2086.N1 | 20-MAR-2007 01:12:22 | Bright     | 46.000   | 55      | 79Zet UMa | 2.0600   | 10200.    | 92      | 26409 | No          |
| 19 | GOM_NL__2PRFIN20070320_011702_000000392056_00303_26409_2087.N1 | 20-MAR-2007 01:17:02 | Bright     | 39.000   | 60      | 7Bet UMi  | 2.0810   | 3950.0    | 78      | 26409 | No          |
| 20 | GOM_NL__2PRFIN20070320_013035_000000372056_00303_26409_2088.N1 | 20-MAR-2007 01:30:35 | Bright     | 37.000   | 19      | 50Alp Cyg | 1.2460   | 10500.    | 74      | 26409 | No          |
| 21 | GOM_NL__2PRFIN20070320_013210_000000392056_00303_26409_2089.N1 | 20-MAR-2007 01:32:10 | Bright     | 39.000   | 66      | 37Gam Cyg | 2.2080   | 5900.0    | 78      | 26409 | No          |
| 22 | GOM_NL__2PRFIN20070320_014233_000000542056_00303_26409_2090.N1 | 20-MAR-2007 01:42:33 | Twilight   | 54.000   | 11      | 53Alp Aql | 0.76500  | 8000.0    | 108     | 26409 | No          |
| 23 | GOM_NL__2PRFIN20070320_015508_000000452056_00303_26409_2091.N1 | 20-MAR-2007 01:55:08 | Dark       | 45.000   | 57      | 34Sig Sgr | 2.0660   | 26000.    | 90      | 26409 | No          |
| 24 | GOM_NL__2PRFIN20070320_015643_000000532056_00303_26409_2092.N1 | 20-MAR-2007 01:56:43 | Dark       | 53.000   | 137     | 22Lam Sgr | 2.8240   | 4400.0    | 106     | 26409 | No          |
| 25 | GOM_NL__2PRFIN20070320_015840_000000492056_00303_26409_2093.N1 | 20-MAR-2007 01:58:40 | Dark       | 48.500   | 38      | 20Eps Sgr | 1.8360   | 11000.    | 97      | 26409 | No          |
| 26 | GOM_NL__2PRFIN20070320_020425_000000422056_00304_26410_2081.N1 | 20-MAR-2007 02:04:25 | Dark       | 42.000   | 141     | Bet Ara   | 2.8400   | 4600.0    | 84      | 26410 | No          |
| 27 | GOM_NL__2PRFIN20070320_021107_000000512056_00304_26410_2082.N1 | 20-MAR-2007 02:11:07 | Dark       | 51.000   | 131     | Gam Lup   | 2.8000   | 26000.    | 102     | 26410 | No          |
| 28 | GOM_NL__2PRFIN20070320_021254_000000482056_00304_26410_2083.N1 | 20-MAR-2007 02:12:54 | Dark       | 48.000   | 78      | Alp Lup   | 2.3040   | 28000.    | 96      | 26410 | No          |
| 29 | GOM_NL__2PRFIN20070320_021424_000000552056_00304_26410_2084.N1 | 20-MAR-2007 02:14:24 | Straylight | 54.500   | 81      | Eta Cen   | 2.3560   | 28000.    | 109     | 26410 | No          |
| 30 | GOM_NL__2PRFIN20070320_021728_000000602056_00304_26410_2085.N1 | 20-MAR-2007 02:17:28 | Straylight | 59.500   | 54      | 5The Cen  | 2.0550   | 4500.0    | 119     | 26410 | No          |
| 31 | GOM_NL__2PRFIN20070320_021907_000000472056_00304_26410_2086.N1 | 20-MAR-2007 02:19:07 | Straylight | 47.000   | 123     | Iot Cen   | 2.7500   | 10200.    | 94      | 26410 | No          |
| 32 | GOM_NL__2PRFIN20070320_022440_000000492056_00304_26410_2087.N1 | 20-MAR-2007 02:24:40 | Straylight | 48.500   | 106     | 9Bet Crv  | 2.6480   | 5600.0    | 97      | 26410 | No          |
| 33 | GOM_NL__2PRFIN20070320_022653_000000492056_00304_26410_2088.N1 | 20-MAR-2007 02:26:53 | Twilight   | 48.500   | 100     | 4Gam Crv  | 2.5800   | 13100.    | 97      | 26410 | No          |
| 34 | GOM_NL__2PRFIN20070320_023738_000000442056_00304_26410_2089.N1 | 20-MAR-2007 02:37:38 | Bright     | 43.500   | 62      | 94Bet Leo | 2.1360   | 9700.0    | 87      | 26410 | No          |
| 35 | GOM_NL__2PRFIN20070320_024555_000000392056_00304_26410_2090.N1 | 20-MAR-2007 02:45:55 | Bright     | 39.000   | 174     | 52Psi UMa | 3.0040   | 4400.0    | 78      | 26410 | No          |
| 36 | GOM_NL__2PRFIN20070320_024909_000000362056_00304_26410_2091.N1 | 20-MAR-2007 02:49:09 | Bright     | 36.000   | 82      | 48Bet UMa | 2.3650   | 10600.    | 72      | 26410 | No          |
| 37 | GOM_NL__2PRFIN20070320_025040_000000382056_00304_26410_2092.N1 | 20-MAR-2007 02:50:40 | Bright     | 37.500   | 36      | 50Alp UMa | 1.8000   | 6300.0    | 75      | 26410 | No          |
| 38 | GOM_NL__2PRFIN20070320_025257_000000462056_00304_26410_2093.N1 | 20-MAR-2007 02:52:57 | Bright     | 45.500   | 55      | 79Zet UMa | 2.0600   | 10200.    | 91      | 26410 | No          |
| 39 | GOM_NL__2PRFIN20070320_025737_000000402056_00304_26410_2094.N1 | 20-MAR-2007 02:57:37 | Bright     | 40.000   | 60      | 7Bet UMi  | 2.0810   | 3950.0    | 80      | 26410 | No          |
| 40 | GOM_NL__2PRFIN20070320_031111_000000382056_00304_26410_2095.N1 | 20-MAR-2007 03:11:11 | Bright     | 37.500   | 19      | 50Alp Cyg | 1.2460   | 10500.    | 75      | 26410 | No          |
| 41 | GOM_NL__2PRFIN20070320_031246_000000392056_00304_26410_2096.N1 | 20-MAR-2007 03:12:46 | Bright     | 39.000   | 66      | 37Gam Cyg | 2.2080   | 5900.0    | 78      | 26410 | No          |
| 42 | GOM_NL__2PRFIN20070320_032309_000000522056_00304_26410_2097.N1 | 20-MAR-2007 03:23:09 | Twilight   | 51.500   | 11      | 53Alp Aql | 0.76500  | 8000.0    | 103     | 26410 | No          |

|     |  |                      |                |        |     |           |         |        |     |       |    |
|-----|--|----------------------|----------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 43  | GOM_NL__2PRFIN20070320_033340_000000452056_00304_26410_2098.N1 | 20-MAR-2007 03:33:40 | Dark           | 45.000 | 155 | 41Pi Sgr  | 2.9000  | 6600.0 | 90  | 26410 | No |
| 44  | GOM_NL__2PRFIN20070320_033545_000000462056_00304_26410_2099.N1 | 20-MAR-2007 03:35:45 | Dark           | 46.000 | 57  | 34Sig Sgr | 2.0660  | 26000. | 92  | 26410 | No |
| 45  | GOM_NL__2PRFIN20070320_033720_000000522056_00304_26410_2100.N1 | 20-MAR-2007 03:37:20 | Dark           | 52.000 | 137 | 22Lam Sgr | 2.8240  | 4400.0 | 104 | 26410 | No |
| 46  | GOM_NL__2PRFIN20070320_033917_000000502056_00304_26410_2101.N1 | 20-MAR-2007 03:39:17 | Dark           | 50.000 | 38  | 20Eps Sgr | 1.8360  | 11000. | 100 | 26410 | No |
| 47  | GOM_NL__2PRFIN20070320_034502_000000442056_00305_26411_2087.N1 | 20-MAR-2007 03:45:02 | Dark           | 43.500 | 141 | Bet Ara   | 2.8400  | 4600.0 | 87  | 26411 | No |
| 48  | GOM_NL__2PRFIN20070320_035144_000000512056_00305_26411_2088.N1 | 20-MAR-2007 03:51:44 | Dark           | 51.000 | 131 | Gam Lup   | 2.8000  | 26000. | 102 | 26411 | No |
| 49  | GOM_NL__2PRFIN20070320_035331_000000452056_00305_26411_2089.N1 | 20-MAR-2007 03:53:31 | Dark           | 45.000 | 78  | Alp Lup   | 2.3040  | 28000. | 90  | 26411 | No |
| 50  | GOM_NL__2PRFIN20070320_035501_000000512056_00305_26411_2090.N1 | 20-MAR-2007 03:55:01 | Straylight     | 50.500 | 81  | Eta Cen   | 2.3560  | 28000. | 101 | 26411 | No |
| 51  | GOM_NL__2PRFIN20070320_035804_000000602056_00305_26411_2091.N1 | 20-MAR-2007 03:58:04 | Straylight     | 60.000 | 54  | 5The Cen  | 2.0550  | 4500.0 | 120 | 26411 | No |
| 52  | GOM_NL__2PRFIN20070320_035943_000000472056_00305_26411_2092.N1 | 20-MAR-2007 03:59:43 | Straylight     | 47.000 | 123 | lot Cen   | 2.7500  | 10200. | 94  | 26411 | No |
| 53  | GOM_NL__2PRFIN20070320_040516_000000512056_00305_26411_2093.N1 | 20-MAR-2007 04:05:16 | Straylight     | 50.500 | 106 | 9Bet Crv  | 2.6480  | 5600.0 | 101 | 26411 | No |
| 54  | GOM_NL__2PRFIN20070320_040729_000000472056_00305_26411_2094.N1 | 20-MAR-2007 04:07:29 | Tw_i_and_stray | 46.500 | 100 | 4Gam Crv  | 2.5800  | 13100. | 93  | 26411 | No |
| 55  | GOM_NL__2PRFIN20070320_041814_000000442056_00305_26411_2095.N1 | 20-MAR-2007 04:18:14 | Bright         | 44.000 | 62  | 94Bet Leo | 2.1360  | 9700.0 | 88  | 26411 | No |
| 56  | GOM_NL__2PRFIN20070320_042631_000000372056_00305_26411_2096.N1 | 20-MAR-2007 04:26:31 | Bright         | 36.500 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 73  | 26411 | No |
| 57  | GOM_NL__2PRFIN20070320_042945_000000362056_00305_26411_2097.N1 | 20-MAR-2007 04:29:45 | Bright         | 35.500 | 82  | 48Bet UMa | 2.3650  | 10600. | 71  | 26411 | No |
| 58  | GOM_NL__2PRFIN20070320_043115_000000372056_00305_26411_2098.N1 | 20-MAR-2007 04:31:15 | Bright         | 37.000 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 74  | 26411 | No |
| 59  | GOM_NL__2PRFIN20070320_043333_000000472056_00305_26411_2099.N1 | 20-MAR-2007 04:33:33 | Bright         | 46.500 | 55  | 79Zet UMa | 2.0600  | 10200. | 93  | 26411 | No |
| 60  | GOM_NL__2PRFIN20070320_043813_000000412056_00305_26411_2100.N1 | 20-MAR-2007 04:38:13 | Bright         | 40.500 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 81  | 26411 | No |
| 61  | GOM_NL__2PRFIN20070320_045147_000000372056_00305_26411_2101.N1 | 20-MAR-2007 04:51:47 | Bright         | 37.000 | 19  | 50Alp Cyg | 1.2460  | 10500. | 74  | 26411 | No |
| 62  | GOM_NL__2PRFIN20070320_045323_000000392056_00305_26411_2102.N1 | 20-MAR-2007 04:53:23 | Bright         | 39.000 | 66  | 37Gam Cyg | 2.2080  | 5900.0 | 78  | 26411 | No |
| 63  | GOM_NL__2PRFIN20070320_050346_000000502056_00305_26411_2103.N1 | 20-MAR-2007 05:03:46 | Tw_i_and_stray | 50.000 | 11  | 53Alp Aql | 0.76500 | 8000.0 | 100 | 26411 | No |
| 64  | GOM_NL__2PRFIN20070320_051417_000000492056_00305_26411_2104.N1 | 20-MAR-2007 05:14:17 | Dark           | 48.500 | 155 | 41Pi Sgr  | 2.9000  | 6600.0 | 97  | 26411 | No |
| 65  | GOM_NL__2PRFIN20070320_051622_000000482056_00305_26411_2105.N1 | 20-MAR-2007 05:16:22 | Dark           | 47.500 | 57  | 34Sig Sgr | 2.0660  | 26000. | 95  | 26411 | No |
| 66  | GOM_NL__2PRFIN20070320_051757_000000532056_00305_26411_2106.N1 | 20-MAR-2007 05:17:57 | Dark           | 53.000 | 137 | 22Lam Sgr | 2.8240  | 4400.0 | 106 | 26411 | No |
| 67  | GOM_NL__2PRFIN20070320_051954_000000492056_00305_26411_2107.N1 | 20-MAR-2007 05:19:54 | Dark           | 48.500 | 38  | 20Eps Sgr | 1.8360  | 11000. | 97  | 26411 | No |
| 68  | GOM_NL__2PRFIN20070320_070616_000000422056_00307_26413_9333.N1 | 20-MAR-2007 07:06:16 | Dark           | 42.000 | 141 | Bet Ara   | 2.8400  | 4600.0 | 84  | 26413 | No |
| 69  | GOM_NL__2PRFIN20070320_071259_000000532056_00307_26413_9334.N1 | 20-MAR-2007 07:12:59 | Dark           | 52.500 | 131 | Gam Lup   | 2.8000  | 26000. | 105 | 26413 | No |
| 70  | GOM_NL__2PRFIN20070320_071445_000000462056_00307_26413_9335.N1 | 20-MAR-2007 07:14:45 | Dark           | 45.500 | 78  | Alp Lup   | 2.3040  | 28000. | 91  | 26413 | No |
| 71  | GOM_NL__2PRFIN20070320_071615_000000512056_00307_26413_9336.N1 | 20-MAR-2007 07:16:15 | Straylight     | 50.500 | 81  | Eta Cen   | 2.3560  | 28000. | 101 | 26413 | No |
| 72  | GOM_NL__2PRFIN20070320_071918_000000562056_00307_26413_9337.N1 | 20-MAR-2007 07:19:18 | Straylight     | 56.000 | 54  | 5The Cen  | 2.0550  | 4500.0 | 112 | 26413 | No |
| 73  | GOM_NL__2PRFIN20070320_072056_000000502056_00307_26413_9338.N1 | 20-MAR-2007 07:20:56 | Straylight     | 49.500 | 123 | lot Cen   | 2.7500  | 10200. | 99  | 26413 | No |
| 74  | GOM_NL__2PRFIN20070320_072629_000000522056_00307_26413_9339.N1 | 20-MAR-2007 07:26:29 | Straylight     | 52.000 | 106 | 9Bet Crv  | 2.6480  | 5600.0 | 104 | 26413 | No |
| 75  | GOM_NL__2PRFIN20070320_072842_000000482056_00307_26413_9340.N1 | 20-MAR-2007 07:28:42 | Tw_i_and_stray | 47.500 | 100 | 4Gam Crv  | 2.5800  | 13100. | 95  | 26413 | No |
| 76  | GOM_NL__2PRFIN20070320_073925_000000432056_00307_26413_9341.N1 | 20-MAR-2007 07:39:25 | Bright         | 42.500 | 62  | 94Bet Leo | 2.1360  | 9700.0 | 85  | 26413 | No |
| 77  | GOM_NL__2PRFIN20070320_074742_000000392056_00307_26413_9342.N1 | 20-MAR-2007 07:47:42 | Bright         | 39.000 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 78  | 26413 | No |
| 78  | GOM_NL__2PRFIN20070320_075057_000000372056_00307_26413_9343.N1 | 20-MAR-2007 07:50:57 | Bright         | 36.500 | 82  | 48Bet UMa | 2.3650  | 10600. | 73  | 26413 | No |
| 79  | GOM_NL__2PRFIN20070320_075227_000000382056_00307_26413_9344.N1 | 20-MAR-2007 07:52:27 | Bright         | 38.000 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 76  | 26413 | No |
| 80  | GOM_NL__2PRFIN20070320_075443_000000462056_00307_26413_9345.N1 | 20-MAR-2007 07:54:43 | Bright         | 46.000 | 55  | 79Zet UMa | 2.0600  | 10200. | 92  | 26413 | No |
| 81  | GOM_NL__2PRFIN20070320_075924_000000402056_00307_26413_9346.N1 | 20-MAR-2007 07:59:24 | Bright         | 40.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 80  | 26413 | No |
| 82  | GOM_NL__2PRFIN20070320_081259_000000362056_00307_26413_9347.N1 | 20-MAR-2007 08:12:59 | Bright         | 35.500 | 19  | 50Alp Cyg | 1.2460  | 10500. | 71  | 26413 | No |
| 83  | GOM_NL__2PRFIN20070320_081434_000000382056_00307_26413_9348.N1 | 20-MAR-2007 08:14:34 | Bright         | 38.000 | 66  | 37Gam Cyg | 2.2080  | 5900.0 | 76  | 26413 | No |
| 84  | GOM_NL__2PRFIN20070320_082459_000000512056_00307_26413_9349.N1 | 20-MAR-2007 08:24:59 | Tw_i_and_stray | 50.500 | 11  | 53Alp Aql | 0.76500 | 8000.0 | 101 | 26413 | No |
| 85  | GOM_NL__2PRFIN20070320_083531_000000472056_00307_26413_9350.N1 | 20-MAR-2007 08:35:31 | Dark           | 47.000 | 155 | 41Pi Sgr  | 2.9000  | 6600.0 | 94  | 26413 | No |
| 86  | GOM_NL__2PRFIN20070320_083736_000000482056_00307_26413_9351.N1 | 20-MAR-2007 08:37:36 | Dark           | 47.500 | 57  | 34Sig Sgr | 2.0660  | 26000. | 95  | 26413 | No |
| 87  | GOM_NL__2PRFIN20070320_083911_000000552056_00307_26413_9352.N1 | 20-MAR-2007 08:39:11 | Dark           | 55.000 | 137 | 22Lam Sgr | 2.8240  | 4400.0 | 110 | 26413 | No |
| 88  | GOM_NL__2PRFIN20070320_084108_000000512056_00307_26413_9353.N1 | 20-MAR-2007 08:41:08 | Dark           | 50.500 | 38  | 20Eps Sgr | 1.8360  | 11000. | 101 | 26413 | No |
| 89  | GOM_NL__2PRFIN20070320_084652_000000412056_00308_26414_2123.N1 | 20-MAR-2007 08:46:52 | Dark           | 40.500 | 141 | Bet Ara   | 2.8400  | 4600.0 | 81  | 26414 | No |
| 90  | GOM_NL__2PRFIN20070320_085336_000000532056_00308_26414_2124.N1 | 20-MAR-2007 08:53:36 | Dark           | 52.500 | 131 | Gam Lup   | 2.8000  | 26000. | 105 | 26414 | No |
| 91  | GOM_NL__2PRFIN20070320_085521_000000472056_00308_26414_2125.N1 | 20-MAR-2007 08:55:21 | Dark           | 47.000 | 78  | Alp Lup   | 2.3040  | 28000. | 94  | 26414 | No |
| 92  | GOM_NL__2PRFIN20070320_085652_000000502056_00308_26414_2126.N1 | 20-MAR-2007 08:56:52 | Straylight     | 50.000 | 81  | Eta Cen   | 2.3560  | 28000. | 100 | 26414 | No |
| 93  | GOM_NL__2PRFIN20070320_085955_000000582056_00308_26414_2127.N1 | 20-MAR-2007 08:59:55 | Straylight     | 58.000 | 54  | 5The Cen  | 2.0550  | 4500.0 | 116 | 26414 | No |
| 94  | GOM_NL__2PRFIN20070320_090133_000000482056_00308_26414_2128.N1 | 20-MAR-2007 09:01:33 | Straylight     | 48.000 | 123 | lot Cen   | 2.7500  | 10200. | 96  | 26414 | No |
| 95  | GOM_NL__2PRFIN20070320_090705_000000522056_00308_26414_2129.N1 | 20-MAR-2007 09:07:05 | Straylight     | 52.000 | 106 | 9Bet Crv  | 2.6480  | 5600.0 | 104 | 26414 | No |
| 96  | GOM_NL__2PRFIN20070320_090918_000000472056_00308_26414_2130.N1 | 20-MAR-2007 09:09:18 | Tw_i_and_stray | 46.500 | 100 | 4Gam Crv  | 2.5800  | 13100. | 93  | 26414 | No |
| 97  | GOM_NL__2PRFIN20070320_092001_000000442056_00308_26414_2131.N1 | 20-MAR-2007 09:20:01 | Bright         | 43.500 | 62  | 94Bet Leo | 2.1360  | 9700.0 | 87  | 26414 | No |
| 98  | GOM_NL__2PRFIN20070320_092818_000000392056_00308_26414_2132.N1 | 20-MAR-2007 09:28:18 | Bright         | 38.500 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 77  | 26414 | No |
| 99  | GOM_NL__2PRFIN20070320_093132_000000472056_00308_26414_2133.N1 | 20-MAR-2007 09:31:32 | Bright         | 47.000 | 82  | 48Bet UMa | 2.3650  | 10600. | 94  | 26414 | No |
| 100 | GOM_NL__2PRFIN20070320_093303_000000372056_00308_26414_2134.N1 | 20-MAR-2007 09:33:03 | Bright         | 36.500 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 73  | 26414 | No |
| 101 | GOM_NL__2PRFIN20070320_093518_000000462056_00308_26414_2135.N1 | 20-MAR-2007 09:35:18 | Bright         | 46.000 | 55  | 79Zet UMa | 2.0600  | 10200. | 92  | 26414 | No |

|     |  |                      |                |        |     |           |         |        |     |       |    |
|-----|--|----------------------|----------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20070320_094000_000000402056_00308_26414_2136.N1 | 20-MAR-2007 09:40:00 | Bright         | 40.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 80  | 26414 | No |
| 103 | GOM_NL__2PRFIN20070320_095335_000000362056_00308_26414_2137.N1 | 20-MAR-2007 09:53:35 | Bright         | 35.500 | 19  | 50Alp Cyg | 1.2460  | 10500. | 71  | 26414 | No |
| 104 | GOM_NL__2PRFIN20070320_095510_000000372056_00308_26414_2138.N1 | 20-MAR-2007 09:55:10 | Bright         | 37.000 | 66  | 37Gam Cyg | 2.2080  | 5900.0 | 74  | 26414 | No |
| 105 | GOM_NL__2PRFIN20070320_100535_000000482056_00308_26414_2139.N1 | 20-MAR-2007 10:05:35 | Tw_i_and_stray | 47.500 | 11  | 53Alp Aql | 0.76500 | 8000.0 | 95  | 26414 | No |
| 106 | GOM_NL__2PRFIN20070320_101607_000000472056_00308_26414_2140.N1 | 20-MAR-2007 10:16:07 | Dark           | 46.500 | 155 | 41Pi Sgr  | 2.9000  | 6600.0 | 93  | 26414 | No |
| 107 | GOM_NL__2PRFIN20070320_101813_000000482056_00308_26414_2141.N1 | 20-MAR-2007 10:18:13 | Dark           | 47.500 | 57  | 34Sig Sgr | 2.0660  | 26000. | 95  | 26414 | No |
| 108 | GOM_NL__2PRFIN20070320_101948_000000542056_00308_26414_2142.N1 | 20-MAR-2007 10:19:48 | Dark           | 53.500 | 137 | 22Lam Sgr | 2.8240  | 4400.0 | 107 | 26414 | No |
| 109 | GOM_NL__2PRFIN20070320_102145_000000492056_00308_26414_2143.N1 | 20-MAR-2007 10:21:45 | Dark           | 49.000 | 38  | 20Eps Sgr | 1.8360  | 11000. | 98  | 26414 | No |
| 110 | GOM_NL__2PRFIN20070320_102729_000000412056_00309_26415_9571.N1 | 20-MAR-2007 10:27:29 | Dark           | 41.000 | 141 | Bet Ara   | 2.8400  | 4600.0 | 82  | 26415 | No |
| 111 | GOM_NL__2PRFIN20070320_103413_000000552056_00309_26415_9572.N1 | 20-MAR-2007 10:34:13 | Dark           | 55.000 | 131 | Gam Lup   | 2.8000  | 26000. | 110 | 26415 | No |
| 112 | GOM_NL__2PRFIN20070320_103558_000000452056_00309_26415_9573.N1 | 20-MAR-2007 10:35:58 | Dark           | 45.000 | 78  | Alp Lup   | 2.3040  | 28000. | 90  | 26415 | No |
| 113 | GOM_NL__2PRFIN20070320_103728_000000502056_00309_26415_9574.N1 | 20-MAR-2007 10:37:28 | Straylight     | 50.000 | 81  | Eta Cen   | 2.3560  | 28000. | 100 | 26415 | No |
| 114 | GOM_NL__2PRFIN20070320_104031_000000642056_00309_26415_9575.N1 | 20-MAR-2007 10:40:31 | Straylight     | 63.500 | 54  | 5The Cen  | 2.0550  | 4500.0 | 127 | 26415 | No |
| 115 | GOM_NL__2PRFIN20070320_104209_000000462056_00309_26415_9576.N1 | 20-MAR-2007 10:42:09 | Straylight     | 46.000 | 123 | lot Cen   | 2.7500  | 10200. | 92  | 26415 | No |
| 116 | GOM_NL__2PRFIN20070320_104741_000000512056_00309_26415_9577.N1 | 20-MAR-2007 10:47:41 | Straylight     | 51.000 | 106 | 9Bet Crv  | 2.6480  | 5600.0 | 102 | 26415 | No |
| 117 | GOM_NL__2PRFIN20070320_104954_000000462056_00309_26415_9578.N1 | 20-MAR-2007 10:49:54 | Tw_i_and_stray | 46.000 | 100 | 4Gam Crv  | 2.5800  | 13100. | 92  | 26415 | No |
| 118 | GOM_NL__2PRFIN20070320_110036_000000612056_00309_26415_9579.N1 | 20-MAR-2007 11:00:36 | Bright         | 61.000 | 62  | 94Bet Leo | 2.1360  | 9700.0 | 122 | 26415 | No |
| 119 | GOM_NL__2PRFIN20070320_110853_000000392056_00309_26415_9580.N1 | 20-MAR-2007 11:08:53 | Bright         | 39.000 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 78  | 26415 | No |
| 120 | GOM_NL__2PRFIN20070320_111208_000000372056_00309_26415_9581.N1 | 20-MAR-2007 11:12:08 | Bright         | 36.500 | 82  | 48Bet UMa | 2.3650  | 10600. | 73  | 26415 | No |
| 121 | GOM_NL__2PRFIN20070320_111338_000000392056_00309_26415_9582.N1 | 20-MAR-2007 11:13:38 | Bright         | 38.500 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 77  | 26415 | No |
| 122 | GOM_NL__2PRFIN20070320_111553_000000462056_00309_26415_9583.N1 | 20-MAR-2007 11:15:53 | Bright         | 46.000 | 55  | 79Zet UMa | 2.0600  | 10200. | 92  | 26415 | No |
| 123 | GOM_NL__2PRFIN20070320_112035_000000372056_00309_26415_9584.N1 | 20-MAR-2007 11:20:35 | Bright         | 36.500 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 73  | 26415 | No |
| 124 | GOM_NL__2PRFIN20070320_113411_000000362056_00309_26415_9585.N1 | 20-MAR-2007 11:34:11 | Bright         | 36.000 | 19  | 50Alp Cyg | 1.2460  | 10500. | 72  | 26415 | No |
| 125 | GOM_NL__2PRFIN20070320_113546_000000392056_00309_26415_9586.N1 | 20-MAR-2007 11:35:46 | Bright         | 38.500 | 66  | 37Gam Cyg | 2.2080  | 5900.0 | 77  | 26415 | No |
| 126 | GOM_NL__2PRFIN20070320_114611_000000542056_00309_26415_9587.N1 | 20-MAR-2007 11:46:11 | Tw_i_and_stray | 53.500 | 11  | 53Alp Aql | 0.76500 | 8000.0 | 107 | 26415 | No |
| 127 | GOM_NL__2PRFIN20070320_115644_000000472056_00309_26415_9588.N1 | 20-MAR-2007 11:56:44 | Dark           | 46.500 | 155 | 41Pi Sgr  | 2.9000  | 6600.0 | 93  | 26415 | No |
| 128 | GOM_NL__2PRFIN20070320_115850_000000482056_00309_26415_9589.N1 | 20-MAR-2007 11:58:50 | Dark           | 47.500 | 57  | 34Sig Sgr | 2.0660  | 26000. | 95  | 26415 | No |
| 129 | GOM_NL__2PRFIN20070320_120025_000000522056_00309_26415_9590.N1 | 20-MAR-2007 12:00:25 | Dark           | 51.500 | 137 | 22Lam Sgr | 2.8240  | 4400.0 | 103 | 26415 | No |
| 130 | GOM_NL__2PRFIN20070320_120222_000000482056_00309_26415_9591.N1 | 20-MAR-2007 12:02:22 | Dark           | 48.000 | 38  | 20Eps Sgr | 1.8360  | 11000. | 96  | 26415 | No |
| 131 | GOM_NL__2PRFIN20070320_120805_000000442056_00310_26416_9833.N1 | 20-MAR-2007 12:08:05 | Dark           | 44.000 | 141 | Bet Ara   | 2.8400  | 4600.0 | 88  | 26416 | No |
| 132 | GOM_NL__2PRFIN20070320_121450_000000532056_00310_26416_9834.N1 | 20-MAR-2007 12:14:50 | Dark           | 53.000 | 131 | Gam Lup   | 2.8000  | 26000. | 106 | 26416 | No |
| 133 | GOM_NL__2PRFIN20070320_121634_000000472056_00310_26416_9835.N1 | 20-MAR-2007 12:16:34 | Dark           | 46.500 | 78  | Alp Lup   | 2.3040  | 28000. | 93  | 26416 | No |
| 134 | GOM_NL__2PRFIN20070320_121805_000000492056_00310_26416_9836.N1 | 20-MAR-2007 12:18:05 | Straylight     | 48.500 | 81  | Eta Cen   | 2.3560  | 28000. | 97  | 26416 | No |
| 135 | GOM_NL__2PRFIN20070320_122108_000000592056_00310_26416_9837.N1 | 20-MAR-2007 12:21:08 | Straylight     | 58.500 | 54  | 5The Cen  | 2.0550  | 4500.0 | 117 | 26416 | No |
| 136 | GOM_NL__2PRFIN20070320_122246_000000492056_00310_26416_9838.N1 | 20-MAR-2007 12:22:46 | Straylight     | 48.500 | 123 | lot Cen   | 2.7500  | 10200. | 97  | 26416 | No |
| 137 | GOM_NL__2PRFIN20070320_122817_000000512056_00310_26416_9839.N1 | 20-MAR-2007 12:28:17 | Straylight     | 50.500 | 106 | 9Bet Crv  | 2.6480  | 5600.0 | 101 | 26416 | No |
| 138 | GOM_NL__2PRFIN20070320_123030_000000482056_00310_26416_9840.N1 | 20-MAR-2007 12:30:30 | Tw_i_and_stray | 48.000 | 100 | 4Gam Crv  | 2.5800  | 13100. | 96  | 26416 | No |
| 139 | GOM_NL__2PRFIN20070320_124112_000000452056_00310_26416_9841.N1 | 20-MAR-2007 12:41:12 | Bright         | 44.500 | 62  | 94Bet Leo | 2.1360  | 9700.0 | 89  | 26416 | No |
| 140 | GOM_NL__2PRFIN20070320_124929_000000392056_00310_26416_9842.N1 | 20-MAR-2007 12:49:29 | Bright         | 39.000 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 78  | 26416 | No |
| 141 | GOM_NL__2PRFIN20070320_125244_000000362056_00310_26416_9843.N1 | 20-MAR-2007 12:52:44 | Bright         | 36.000 | 82  | 48Bet UMa | 2.3650  | 10600. | 72  | 26416 | No |
| 142 | GOM_NL__2PRFIN20070320_125414_000000382056_00310_26416_9844.N1 | 20-MAR-2007 12:54:14 | Bright         | 38.000 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 76  | 26416 | No |
| 143 | GOM_NL__2PRFIN20070320_125628_000000452056_00310_26416_9845.N1 | 20-MAR-2007 12:56:28 | Bright         | 45.000 | 55  | 79Zet UMa | 2.0600  | 10200. | 90  | 26416 | No |
| 144 | GOM_NL__2PRFIN20070320_130111_000000402056_00310_26416_9846.N1 | 20-MAR-2007 13:01:11 | Bright         | 39.500 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 79  | 26416 | No |
| 145 | GOM_NL__2PRFIN20070320_131447_000000382056_00310_26416_9847.N1 | 20-MAR-2007 13:14:47 | Bright         | 38.000 | 19  | 50Alp Cyg | 1.2460  | 10500. | 76  | 26416 | No |
| 146 | GOM_NL__2PRFIN20070320_131622_000000392056_00310_26416_9848.N1 | 20-MAR-2007 13:16:22 | Bright         | 38.500 | 66  | 37Gam Cyg | 2.2080  | 5900.0 | 77  | 26416 | No |
| 147 | GOM_NL__2PRFIN20070320_131809_000000372056_00310_26416_9849.N1 | 20-MAR-2007 13:18:09 | Bright         | 36.500 | 92  | 53Eps Cyg | 2.5000  | 4500.0 | 73  | 26416 | No |
| 148 | GOM_NL__2PRFIN20070320_132648_000000522056_00310_26416_9850.N1 | 20-MAR-2007 13:26:48 | Tw_i_and_stray | 51.500 | 11  | 53Alp Aql | 0.76500 | 8000.0 | 103 | 26416 | No |
| 149 | GOM_NL__2PRFIN20070320_133721_000000482056_00310_26416_9851.N1 | 20-MAR-2007 13:37:21 | Dark           | 47.500 | 155 | 41Pi Sgr  | 2.9000  | 6600.0 | 95  | 26416 | No |
| 150 | GOM_NL__2PRFIN20070320_133927_000000452056_00310_26416_9852.N1 | 20-MAR-2007 13:39:27 | Dark           | 45.000 | 57  | 34Sig Sgr | 2.0660  | 26000. | 90  | 26416 | No |
| 151 | GOM_NL__2PRFIN20070320_134103_000000532056_00310_26416_9853.N1 | 20-MAR-2007 13:41:03 | Dark           | 53.000 | 137 | 22Lam Sgr | 2.8240  | 4400.0 | 106 | 26416 | No |
| 152 | GOM_NL__2PRFIN20070320_134259_000000512056_00310_26416_9854.N1 | 20-MAR-2007 13:42:59 | Dark           | 50.500 | 38  | 20Eps Sgr | 1.8360  | 11000. | 101 | 26416 | No |
| 153 | GOM_NL__2PRFIN20070320_134842_000000422056_00311_26417_2242.N1 | 20-MAR-2007 13:48:42 | Dark           | 41.500 | 141 | Bet Ara   | 2.8400  | 4600.0 | 83  | 26417 | No |
| 154 | GOM_NL__2PRFIN20070320_135527_000000532056_00311_26417_2243.N1 | 20-MAR-2007 13:55:27 | Dark           | 52.500 | 131 | Gam Lup   | 2.8000  | 26000. | 105 | 26417 | No |
| 155 | GOM_NL__2PRFIN20070320_135711_000000462056_00311_26417_2244.N1 | 20-MAR-2007 13:57:11 | Dark           | 45.500 | 78  | Alp Lup   | 2.3040  | 28000. | 91  | 26417 | No |
| 156 | GOM_NL__2PRFIN20070320_135842_000000502056_00311_26417_2245.N1 | 20-MAR-2007 13:58:42 | Straylight     | 49.500 | 81  | Eta Cen   | 2.3560  | 28000. | 99  | 26417 | No |
| 157 | GOM_NL__2PRFIN20070320_140145_000000602056_00311_26417_2246.N1 | 20-MAR-2007 14:01:45 | Straylight     | 60.000 | 54  | 5The Cen  | 2.0550  | 4500.0 | 120 | 26417 | No |
| 158 | GOM_NL__2PRFIN20070320_140322_000000482056_00311_26417_2247.N1 | 20-MAR-2007 14:03:22 | Straylight     | 47.500 | 123 | lot Cen   | 2.7500  | 10200. | 95  | 26417 | No |
| 159 | GOM_NL__2PRFIN20070320_140853_000000522056_00311_26417_2248.N1 | 20-MAR-2007 14:08:53 | Straylight     | 52.000 | 106 | 9Bet Crv  | 2.6480  | 5600.0 | 104 | 26417 | No |
| 160 | GOM_NL__2PRFIN20070320_141106_000000482056_00311_26417_2249.N1 | 20-MAR-2007 14:11:06 | Tw_i_and_stray | 47.500 | 100 | 4Gam Crv  | 2.5800  | 13100. | 95  | 26417 | No |

|     |  |                      |            |        |     |           |         |        |     |       |    |
|-----|--|----------------------|------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20070320_142147_000000442056_00311_26417_2250.N1 | 20-MAR-2007 14:21:47 | Bright     | 44.000 | 62  | 94Bet Leo | 2.1360  | 9700.0 | 88  | 26417 | No |
| 162 | GOM_NL__2PRFIN20070320_143005_000000372056_00311_26417_2251.N1 | 20-MAR-2007 14:30:05 | Bright     | 37.000 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 74  | 26417 | No |
| 163 | GOM_NL__2PRFIN20070320_143319_000000362056_00311_26417_2252.N1 | 20-MAR-2007 14:33:19 | Bright     | 36.000 | 82  | 48Bet UMa | 2.3650  | 10600. | 72  | 26417 | No |
| 164 | GOM_NL__2PRFIN20070320_143450_000000382056_00311_26417_2253.N1 | 20-MAR-2007 14:34:50 | Bright     | 37.500 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 75  | 26417 | No |
| 165 | GOM_NL__2PRFIN20070320_143704_000000462056_00311_26417_2254.N1 | 20-MAR-2007 14:37:04 | Bright     | 45.500 | 55  | 79Zet UMa | 2.0600  | 10200. | 91  | 26417 | No |
| 166 | GOM_NL__2PRFIN20070320_144146_000000382056_00311_26417_2255.N1 | 20-MAR-2007 14:41:46 | Bright     | 38.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 76  | 26417 | No |
| 167 | GOM_NL__2PRFIN20070320_145523_000000372056_00311_26417_2256.N1 | 20-MAR-2007 14:55:23 | Bright     | 36.500 | 19  | 50Alp Cyg | 1.2460  | 10500. | 73  | 26417 | No |
| 168 | GOM_NL__2PRFIN20070320_145658_000000382056_00311_26417_2257.N1 | 20-MAR-2007 14:56:58 | Bright     | 38.000 | 66  | 37Gam Cyg | 2.2080  | 5900.0 | 76  | 26417 | No |
| 169 | GOM_NL__2PRFIN20070320_145845_000000382056_00311_26417_2258.N1 | 20-MAR-2007 14:58:45 | Bright     | 37.500 | 92  | 53Eps Cyg | 2.5000  | 4500.0 | 75  | 26417 | No |
| 170 | GOM_NL__2PRFIN20070320_150724_000000592056_00311_26417_2259.N1 | 20-MAR-2007 15:07:24 | Twilight   | 59.000 | 11  | 53Alp Aql | 0.76500 | 8000.0 | 118 | 26417 | No |
| 171 | GOM_NL__2PRFIN20070320_151758_000000482056_00311_26417_2260.N1 | 20-MAR-2007 15:17:58 | Dark       | 47.500 | 155 | 41Pi Sgr  | 2.9000  | 6600.0 | 95  | 26417 | No |
| 172 | GOM_NL__2PRFIN20070320_152004_000000472056_00311_26417_2261.N1 | 20-MAR-2007 15:20:04 | Dark       | 47.000 | 57  | 34Sig Sgr | 2.0660  | 26000. | 94  | 26417 | No |
| 173 | GOM_NL__2PRFIN20070320_152140_000000542056_00311_26417_2262.N1 | 20-MAR-2007 15:21:40 | Dark       | 53.500 | 137 | 22Lam Sgr | 2.8240  | 4400.0 | 107 | 26417 | No |
| 174 | GOM_NL__2PRFIN20070320_152336_000000482056_00311_26417_2263.N1 | 20-MAR-2007 15:23:36 | Dark       | 48.000 | 38  | 20Eps Sgr | 1.8360  | 11000. | 96  | 26417 | No |
| 175 | GOM_NL__2PRFIN20070320_152919_000000442056_00312_26418_2248.N1 | 20-MAR-2007 15:29:19 | Dark       | 43.500 | 141 | Bet Ara   | 2.8400  | 4600.0 | 87  | 26418 | No |
| 176 | GOM_NL__2PRFIN20070320_153604_000000532056_00312_26418_2249.N1 | 20-MAR-2007 15:36:04 | Dark       | 53.000 | 131 | Gam Lup   | 2.8000  | 26000. | 106 | 26418 | No |
| 177 | GOM_NL__2PRFIN20070320_153748_000000462056_00312_26418_2250.N1 | 20-MAR-2007 15:37:48 | Dark       | 46.000 | 78  | Alp Lup   | 2.3040  | 28000. | 92  | 26418 | No |
| 178 | GOM_NL__2PRFIN20070320_153919_000000482056_00312_26418_2251.N1 | 20-MAR-2007 15:39:19 | Straylight | 48.000 | 81  | Eta Cen   | 2.3560  | 28000. | 96  | 26418 | No |
| 179 | GOM_NL__2PRFIN20070320_154221_000000612056_00312_26418_2252.N1 | 20-MAR-2007 15:42:21 | Straylight | 61.000 | 54  | 5The Cen  | 2.0550  | 4500.0 | 122 | 26418 | No |
| 180 | GOM_NL__2PRFIN20070320_154359_000000462056_00312_26418_2253.N1 | 20-MAR-2007 15:43:59 | Straylight | 45.500 | 123 | lot Cen   | 2.7500  | 10200. | 91  | 26418 | No |
| 181 | GOM_NL__2PRFIN20070320_154929_000000492056_00312_26418_2254.N1 | 20-MAR-2007 15:49:29 | Straylight | 49.000 | 106 | 9Bet Crv  | 2.6480  | 5600.0 | 98  | 26418 | No |
| 182 | GOM_NL__2PRFIN20070320_155142_000000452056_00312_26418_2255.N1 | 20-MAR-2007 15:51:42 | Twilight   | 45.000 | 100 | 4Gam Crv  | 2.5800  | 13100. | 90  | 26418 | No |
| 183 | GOM_NL__2PRFIN20070320_160223_000000432056_00312_26418_2256.N1 | 20-MAR-2007 16:02:23 | Bright     | 43.000 | 62  | 94Bet Leo | 2.1360  | 9700.0 | 86  | 26418 | No |
| 184 | GOM_NL__2PRFIN20070320_161040_000000382056_00312_26418_2257.N1 | 20-MAR-2007 16:10:40 | Bright     | 37.500 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 75  | 26418 | No |
| 185 | GOM_NL__2PRFIN20070320_161355_000000362056_00312_26418_2258.N1 | 20-MAR-2007 16:13:55 | Bright     | 36.000 | 82  | 48Bet UMa | 2.3650  | 10600. | 72  | 26418 | No |
| 186 | GOM_NL__2PRFIN20070320_161526_000000362056_00312_26418_2259.N1 | 20-MAR-2007 16:15:26 | Bright     | 35.500 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 71  | 26418 | No |
| 187 | GOM_NL__2PRFIN20070320_161739_000000462056_00312_26418_2260.N1 | 20-MAR-2007 16:17:39 | Bright     | 46.000 | 55  | 79Zet UMa | 2.0600  | 10200. | 92  | 26418 | No |
| 188 | GOM_NL__2PRFIN20070320_162222_000000412056_00312_26418_2261.N1 | 20-MAR-2007 16:22:22 | Bright     | 40.500 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 81  | 26418 | No |
| 189 | GOM_NL__2PRFIN20070320_163559_000000372056_00312_26418_2262.N1 | 20-MAR-2007 16:35:59 | Bright     | 36.500 | 19  | 50Alp Cyg | 1.2460  | 10500. | 73  | 26418 | No |
| 190 | GOM_NL__2PRFIN20070320_163734_000000402056_00312_26418_2263.N1 | 20-MAR-2007 16:37:34 | Bright     | 39.500 | 66  | 37Gam Cyg | 2.2080  | 5900.0 | 79  | 26418 | No |
| 191 | GOM_NL__2PRFIN20070320_163921_000000362056_00312_26418_2264.N1 | 20-MAR-2007 16:39:21 | Bright     | 36.000 | 92  | 53Eps Cyg | 2.5000  | 4500.0 | 72  | 26418 | No |
| 192 | GOM_NL__2PRFIN20070320_164801_000000552056_00312_26418_2265.N1 | 20-MAR-2007 16:48:01 | Twilight   | 54.500 | 11  | 53Alp Aql | 0.76500 | 8000.0 | 109 | 26418 | No |
| 193 | GOM_NL__2PRFIN20070320_165835_000000482056_00312_26418_2266.N1 | 20-MAR-2007 16:58:35 | Dark       | 47.500 | 155 | 41Pi Sgr  | 2.9000  | 6600.0 | 95  | 26418 | No |
| 194 | GOM_NL__2PRFIN20070320_170040_000000452056_00312_26418_2267.N1 | 20-MAR-2007 17:00:40 | Dark       | 45.000 | 57  | 34Sig Sgr | 2.0660  | 26000. | 90  | 26418 | No |
| 195 | GOM_NL__2PRFIN20070320_170217_000000662056_00312_26418_2268.N1 | 20-MAR-2007 17:02:17 | Dark       | 65.500 | 137 | 22Lam Sgr | 2.8240  | 4400.0 | 131 | 26418 | No |
| 196 | GOM_NL__2PRFIN20070320_170413_000000562056_00312_26418_2269.N1 | 20-MAR-2007 17:04:13 | Dark       | 56.000 | 38  | 20Eps Sgr | 1.8360  | 11000. | 112 | 26418 | No |
| 197 | GOM_NL__2PRFIN20070320_170955_000000452056_00313_26419_2264.N1 | 20-MAR-2007 17:09:55 | Dark       | 45.000 | 141 | Bet Ara   | 2.8400  | 4600.0 | 90  | 26419 | No |
| 198 | GOM_NL__2PRFIN20070320_171641_000000532056_00313_26419_2265.N1 | 20-MAR-2007 17:16:41 | Dark       | 52.500 | 131 | Gam Lup   | 2.8000  | 26000. | 105 | 26419 | No |
| 199 | GOM_NL__2PRFIN20070320_171825_000000472056_00313_26419_2266.N1 | 20-MAR-2007 17:18:25 | Dark       | 46.500 | 78  | Alp Lup   | 2.3040  | 28000. | 93  | 26419 | No |
| 200 | GOM_NL__2PRFIN20070320_171955_000000492056_00313_26419_2267.N1 | 20-MAR-2007 17:19:55 | Straylight | 48.500 | 81  | Eta Cen   | 2.3560  | 28000. | 97  | 26419 | No |
| 201 | GOM_NL__2PRFIN20070320_172258_000000582056_00313_26419_2268.N1 | 20-MAR-2007 17:22:58 | Straylight | 58.000 | 54  | 5The Cen  | 2.0550  | 4500.0 | 116 | 26419 | No |
| 202 | GOM_NL__2PRFIN20070320_172435_000000482056_00313_26419_2269.N1 | 20-MAR-2007 17:24:35 | Straylight | 47.500 | 123 | lot Cen   | 2.7500  | 10200. | 95  | 26419 | No |
| 203 | GOM_NL__2PRFIN20070320_173006_000000502056_00313_26419_2270.N1 | 20-MAR-2007 17:30:06 | Straylight | 50.000 | 106 | 9Bet Crv  | 2.6480  | 5600.0 | 100 | 26419 | No |
| 204 | GOM_NL__2PRFIN20070320_173218_000000482056_00313_26419_2271.N1 | 20-MAR-2007 17:32:18 | Twilight   | 48.000 | 100 | 4Gam Crv  | 2.5800  | 13100. | 96  | 26419 | No |
| 205 | GOM_NL__2PRFIN20070320_174258_000000602056_00313_26419_2272.N1 | 20-MAR-2007 17:42:58 | Bright     | 60.000 | 62  | 94Bet Leo | 2.1360  | 9700.0 | 120 | 26419 | No |
| 206 | GOM_NL__2PRFIN20070320_175116_000000382056_00313_26419_2273.N1 | 20-MAR-2007 17:51:16 | Bright     | 38.000 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 76  | 26419 | No |
| 207 | GOM_NL__2PRFIN20070320_175431_000000392056_00313_26419_2274.N1 | 20-MAR-2007 17:54:31 | Bright     | 38.500 | 82  | 48Bet UMa | 2.3650  | 10600. | 77  | 26419 | No |
| 208 | GOM_NL__2PRFIN20070320_175601_000000392056_00313_26419_2275.N1 | 20-MAR-2007 17:56:01 | Bright     | 38.500 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 77  | 26419 | No |
| 209 | GOM_NL__2PRFIN20070320_175814_000000672056_00313_26419_2276.N1 | 20-MAR-2007 17:58:14 | Bright     | 67.000 | 55  | 79Zet UMa | 2.0600  | 10200. | 134 | 26419 | No |
| 210 | GOM_NL__2PRFIN20070320_180258_000000412056_00313_26419_2277.N1 | 20-MAR-2007 18:02:58 | Bright     | 41.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 82  | 26419 | No |
| 211 | GOM_NL__2PRFIN20070320_181635_000000392056_00313_26419_2278.N1 | 20-MAR-2007 18:16:35 | Bright     | 38.500 | 19  | 50Alp Cyg | 1.2460  | 10500. | 77  | 26419 | No |
| 212 | GOM_NL__2PRFIN20070320_181811_000000392056_00313_26419_2279.N1 | 20-MAR-2007 18:18:11 | Bright     | 38.500 | 66  | 37Gam Cyg | 2.2080  | 5900.0 | 77  | 26419 | No |
| 213 | GOM_NL__2PRFIN20070320_181957_000000552056_00313_26419_2280.N1 | 20-MAR-2007 18:19:57 | Bright     | 55.000 | 92  | 53Eps Cyg | 2.5000  | 4500.0 | 110 | 26419 | No |
| 214 | GOM_NL__2PRFIN20070320_182837_000000542056_00313_26419_2281.N1 | 20-MAR-2007 18:28:37 | Twilight   | 53.500 | 11  | 53Alp Aql | 0.76500 | 8000.0 | 107 | 26419 | No |
| 215 | GOM_NL__2PRFIN20070320_183912_000000472056_00313_26419_2282.N1 | 20-MAR-2007 18:39:12 | Dark       | 47.000 | 155 | 41Pi Sgr  | 2.9000  | 6600.0 | 94  | 26419 | No |
| 216 | GOM_NL__2PRFIN20070320_184117_000000472056_00313_26419_2283.N1 | 20-MAR-2007 18:41:17 | Dark       | 46.500 | 57  | 34Sig Sgr | 2.0660  | 26000. | 93  | 26419 | No |
| 217 | GOM_NL__2PRFIN20070320_184254_000000552056_00313_26419_2284.N1 | 20-MAR-2007 18:42:54 | Dark       | 54.500 | 137 | 22Lam Sgr | 2.8240  | 4400.0 | 109 | 26419 | No |
| 218 | GOM_NL__2PRFIN20070320_184450_000000492056_00313_26419_2285.N1 | 20-MAR-2007 18:44:50 | Dark       | 48.500 | 38  | 20Eps Sgr | 1.8360  | 11000. | 97  | 26419 | No |
| 219 | GOM_NL__2PRFIN20070320_185032_000000422056_00314_26420_2279.N1 | 20-MAR-2007 18:50:32 | Dark       | 41.500 | 141 | Bet Ara   | 2.8400  | 4600.0 | 83  | 26420 | No |

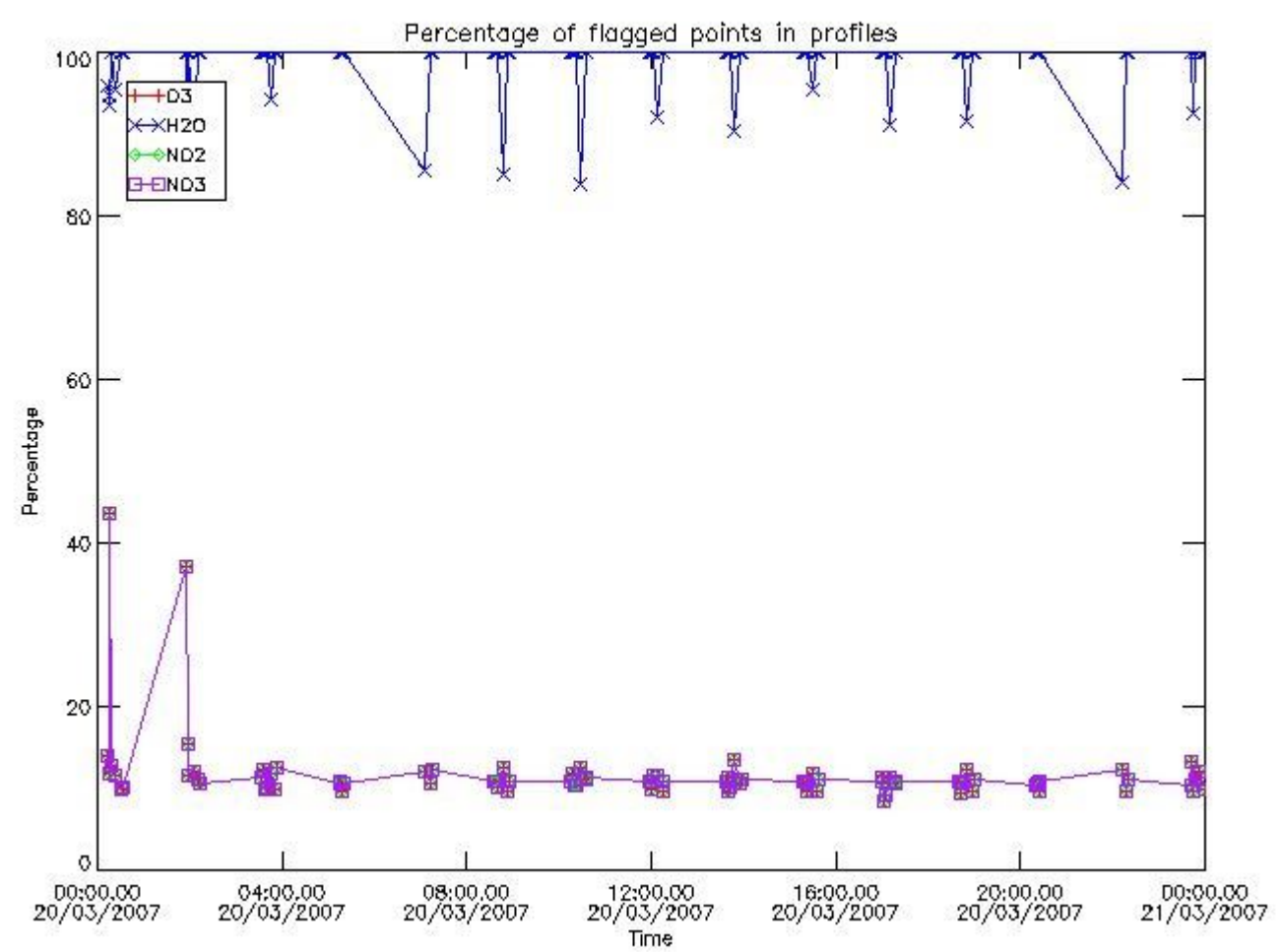
|     |  |                      |                |        |     |           |         |        |     |       |    |
|-----|--|----------------------|----------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 220 | GOM_NL__2PRFIN20070320_185718_000000532056_00314_26420_2280.N1 | 20-MAR-2007 18:57:18 | Dark           | 53.000 | 131 | Gam Lup   | 2.8000  | 26000. | 106 | 26420 | No |
| 221 | GOM_NL__2PRFIN20070320_185901_000000462056_00314_26420_2281.N1 | 20-MAR-2007 18:59:01 | Dark           | 46.000 | 78  | Alp Lup   | 2.3040  | 28000. | 92  | 26420 | No |
| 222 | GOM_NL__2PRFIN20070320_190032_000000512056_00314_26420_2282.N1 | 20-MAR-2007 19:00:32 | Straylight     | 50.500 | 81  | Eta Cen   | 2.3560  | 28000. | 101 | 26420 | No |
| 223 | GOM_NL__2PRFIN20070320_190335_000000592056_00314_26420_2283.N1 | 20-MAR-2007 19:03:35 | Straylight     | 58.500 | 54  | 5The Cen  | 2.0550  | 4500.0 | 117 | 26420 | No |
| 224 | GOM_NL__2PRFIN20070320_190512_000000492056_00314_26420_2284.N1 | 20-MAR-2007 19:05:12 | Straylight     | 48.500 | 123 | lot Cen   | 2.7500  | 10200. | 97  | 26420 | No |
| 225 | GOM_NL__2PRFIN20070320_191042_000000492056_00314_26420_2285.N1 | 20-MAR-2007 19:10:42 | Straylight     | 49.000 | 106 | 9Bet Crv  | 2.6480  | 5600.0 | 98  | 26420 | No |
| 226 | GOM_NL__2PRFIN20070320_191254_000000492056_00314_26420_2286.N1 | 20-MAR-2007 19:12:54 | Tw_i_and_stray | 48.500 | 100 | 4Gam Crv  | 2.5800  | 13100. | 97  | 26420 | No |
| 227 | GOM_NL__2PRFIN20070320_192334_000000432056_00314_26420_2287.N1 | 20-MAR-2007 19:23:34 | Bright         | 42.500 | 62  | 94Bet Leo | 2.1360  | 9700.0 | 85  | 26420 | No |
| 228 | GOM_NL__2PRFIN20070320_193152_000000382056_00314_26420_2288.N1 | 20-MAR-2007 19:31:52 | Bright         | 38.000 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 76  | 26420 | No |
| 229 | GOM_NL__2PRFIN20070320_193507_000000372056_00314_26420_2289.N1 | 20-MAR-2007 19:35:07 | Bright         | 36.500 | 82  | 48Bet UMa | 2.3650  | 10600. | 73  | 26420 | No |
| 230 | GOM_NL__2PRFIN20070320_193637_000000392056_00314_26420_2290.N1 | 20-MAR-2007 19:36:37 | Bright         | 39.000 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 78  | 26420 | No |
| 231 | GOM_NL__2PRFIN20070320_193849_000000452056_00314_26420_2291.N1 | 20-MAR-2007 19:38:49 | Bright         | 45.000 | 55  | 79Zet UMa | 2.0600  | 10200. | 90  | 26420 | No |
| 232 | GOM_NL__2PRFIN20070320_194333_000000402056_00314_26420_2292.N1 | 20-MAR-2007 19:43:33 | Bright         | 40.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 80  | 26420 | No |
| 233 | GOM_NL__2PRFIN20070320_195711_000000382056_00314_26420_2293.N1 | 20-MAR-2007 19:57:11 | Bright         | 37.500 | 19  | 50Alp Cyg | 1.2460  | 10500. | 75  | 26420 | No |
| 234 | GOM_NL__2PRFIN20070320_195846_000000572056_00314_26420_2294.N1 | 20-MAR-2007 19:58:46 | Bright         | 57.000 | 66  | 37Gam Cyg | 2.2080  | 5900.0 | 114 | 26420 | No |
| 235 | GOM_NL__2PRFIN20070320_200033_000000382056_00314_26420_2295.N1 | 20-MAR-2007 20:00:33 | Bright         | 38.000 | 92  | 53Eps Cyg | 2.5000  | 4500.0 | 76  | 26420 | No |
| 236 | GOM_NL__2PRFIN20070320_200914_000000532056_00314_26420_2296.N1 | 20-MAR-2007 20:09:14 | Tw_i_and_stray | 53.000 | 11  | 53Alp Aql | 0.76500 | 8000.0 | 106 | 26420 | No |
| 237 | GOM_NL__2PRFIN20070320_201948_000000502056_00314_26420_2297.N1 | 20-MAR-2007 20:19:48 | Dark           | 49.500 | 155 | 41Pi Sgr  | 2.9000  | 6600.0 | 99  | 26420 | No |
| 238 | GOM_NL__2PRFIN20070320_202154_000000482056_00314_26420_2298.N1 | 20-MAR-2007 20:21:54 | Dark           | 48.000 | 57  | 34Sig Sgr | 2.0660  | 26000. | 96  | 26420 | No |
| 239 | GOM_NL__2PRFIN20070320_202331_000000542056_00314_26420_2299.N1 | 20-MAR-2007 20:23:31 | Dark           | 53.500 | 137 | 22Lam Sgr | 2.8240  | 4400.0 | 107 | 26420 | No |
| 240 | GOM_NL__2PRFIN20070320_202527_000000472056_00314_26420_2300.N1 | 20-MAR-2007 20:25:27 | Dark           | 47.000 | 38  | 20Eps Sgr | 1.8360  | 11000. | 94  | 26420 | No |
| 241 | GOM_NL__2PRFIN20070320_221145_000000422056_00316_26422_2325.N1 | 20-MAR-2007 22:11:45 | Dark           | 41.500 | 141 | Bet Ara   | 2.8400  | 4600.0 | 83  | 26422 | No |
| 242 | GOM_NL__2PRFIN20070320_221832_000000532056_00316_26422_2326.N1 | 20-MAR-2007 22:18:32 | Dark           | 53.000 | 131 | Gam Lup   | 2.8000  | 26000. | 106 | 26422 | No |
| 243 | GOM_NL__2PRFIN20070320_222015_000000462056_00316_26422_2327.N1 | 20-MAR-2007 22:20:15 | Dark           | 45.500 | 78  | Alp Lup   | 2.3040  | 28000. | 91  | 26422 | No |
| 244 | GOM_NL__2PRFIN20070320_222146_000000492056_00316_26422_2328.N1 | 20-MAR-2007 22:21:46 | Straylight     | 49.000 | 81  | Eta Cen   | 2.3560  | 28000. | 98  | 26422 | No |
| 245 | GOM_NL__2PRFIN20070320_222448_000000612056_00316_26422_2329.N1 | 20-MAR-2007 22:24:48 | Straylight     | 61.000 | 54  | 5The Cen  | 2.0550  | 4500.0 | 122 | 26422 | No |
| 246 | GOM_NL__2PRFIN20070320_222625_000000492056_00316_26422_2330.N1 | 20-MAR-2007 22:26:25 | Straylight     | 49.000 | 123 | lot Cen   | 2.7500  | 10200. | 98  | 26422 | No |
| 247 | GOM_NL__2PRFIN20070320_223154_000000492056_00316_26422_2331.N1 | 20-MAR-2007 22:31:54 | Straylight     | 48.500 | 106 | 9Bet Crv  | 2.6480  | 5600.0 | 97  | 26422 | No |
| 248 | GOM_NL__2PRFIN20070320_223406_000000482056_00316_26422_2332.N1 | 20-MAR-2007 22:34:06 | Tw_i_and_stray | 47.500 | 100 | 4Gam Crv  | 2.5800  | 13100. | 95  | 26422 | No |
| 249 | GOM_NL__2PRFIN20070320_224445_000000422056_00316_26422_2333.N1 | 20-MAR-2007 22:44:45 | Bright         | 42.000 | 62  | 94Bet Leo | 2.1360  | 9700.0 | 84  | 26422 | No |
| 250 | GOM_NL__2PRFIN20070320_225303_000000382056_00316_26422_2334.N1 | 20-MAR-2007 22:53:03 | Bright         | 38.000 | 174 | 52Psi UMa | 3.0040  | 4400.0 | 76  | 26422 | No |
| 251 | GOM_NL__2PRFIN20070320_225618_000000372056_00316_26422_2335.N1 | 20-MAR-2007 22:56:18 | Bright         | 36.500 | 82  | 48Bet UMa | 2.3650  | 10600. | 73  | 26422 | No |
| 252 | GOM_NL__2PRFIN20070320_225749_000000392056_00316_26422_2336.N1 | 20-MAR-2007 22:57:49 | Bright         | 38.500 | 36  | 50Alp UMa | 1.8000  | 6300.0 | 77  | 26422 | No |
| 253 | GOM_NL__2PRFIN20070320_225959_000000452056_00316_26422_2337.N1 | 20-MAR-2007 22:59:59 | Bright         | 45.000 | 55  | 79Zet UMa | 2.0600  | 10200. | 90  | 26422 | No |
| 254 | GOM_NL__2PRFIN20070320_230444_000000402056_00316_26422_2338.N1 | 20-MAR-2007 23:04:44 | Bright         | 40.000 | 60  | 7Bet UMi  | 2.0810  | 3950.0 | 80  | 26422 | No |
| 255 | GOM_NL__2PRFIN20070320_231823_000000372056_00316_26422_2339.N1 | 20-MAR-2007 23:18:23 | Bright         | 37.000 | 19  | 50Alp Cyg | 1.2460  | 10500. | 74  | 26422 | No |
| 256 | GOM_NL__2PRFIN20070320_231958_000000542056_00316_26422_2340.N1 | 20-MAR-2007 23:19:58 | Bright         | 53.500 | 66  | 37Gam Cyg | 2.2080  | 5900.0 | 107 | 26422 | No |
| 257 | GOM_NL__2PRFIN20070320_232145_000000372056_00316_26422_2341.N1 | 20-MAR-2007 23:21:45 | Bright         | 37.000 | 92  | 53Eps Cyg | 2.5000  | 4500.0 | 74  | 26422 | No |
| 258 | GOM_NL__2PRFIN20070320_233026_000000552056_00316_26422_2342.N1 | 20-MAR-2007 23:30:26 | Tw_i_and_stray | 54.500 | 11  | 53Alp Aql | 0.76500 | 8000.0 | 109 | 26422 | No |
| 259 | GOM_NL__2PRFIN20070320_234102_000000492056_00316_26422_2343.N1 | 20-MAR-2007 23:41:02 | Dark           | 49.000 | 155 | 41Pi Sgr  | 2.9000  | 6600.0 | 98  | 26422 | No |
| 260 | GOM_NL__2PRFIN20070320_234308_000000502056_00316_26422_2344.N1 | 20-MAR-2007 23:43:08 | Dark           | 50.000 | 57  | 34Sig Sgr | 2.0660  | 26000. | 100 | 26422 | No |
| 261 | GOM_NL__2PRFIN20070320_234445_000000542056_00316_26422_2345.N1 | 20-MAR-2007 23:44:45 | Dark           | 53.500 | 137 | 22Lam Sgr | 2.8240  | 4400.0 | 107 | 26422 | No |
| 262 | GOM_NL__2PRFIN20070320_234640_000000502056_00316_26422_2346.N1 | 20-MAR-2007 23:46:40 | Dark           | 50.000 | 38  | 20Eps Sgr | 1.8360  | 11000. | 100 | 26422 | No |
| 263 | GOM_NL__2PRFIN20070320_235221_000000422056_00317_26423_2338.N1 | 20-MAR-2007 23:52:21 | Dark           | 42.000 | 141 | Bet Ara   | 2.8400  | 4600.0 | 84  | 26423 | No |
| 264 | GOM_NL__2PRFIN20070320_235909_000000522056_00317_26423_2339.N1 | 20-MAR-2007 23:59:09 | Dark           | 51.500 | 131 | Gam Lup   | 2.8000  | 26000. | 103 | 26423 | No |

### 3. Quality information per product

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

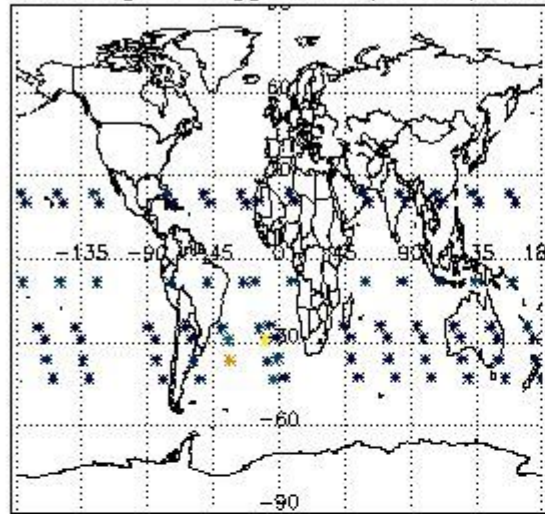
#### 3.1 Plot quality information per product (time dependant)



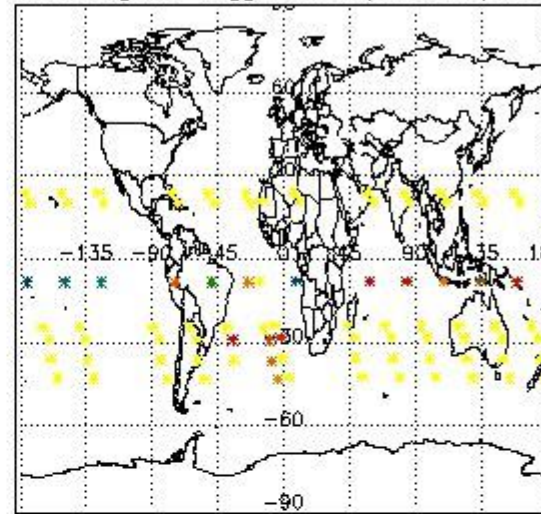


3.2 Plot quality information per product (world map)

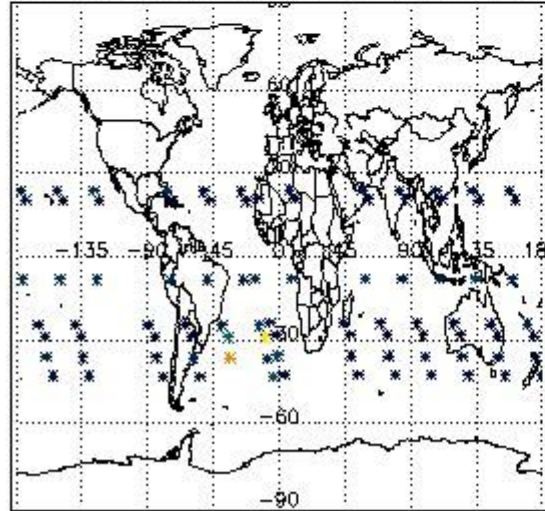
Percentage of flagged data per O3 profile



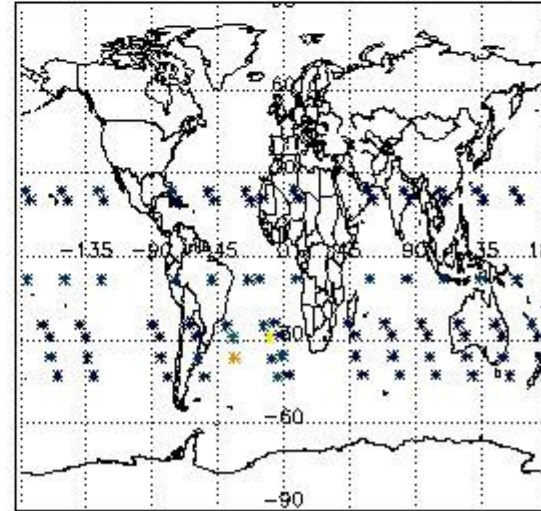
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

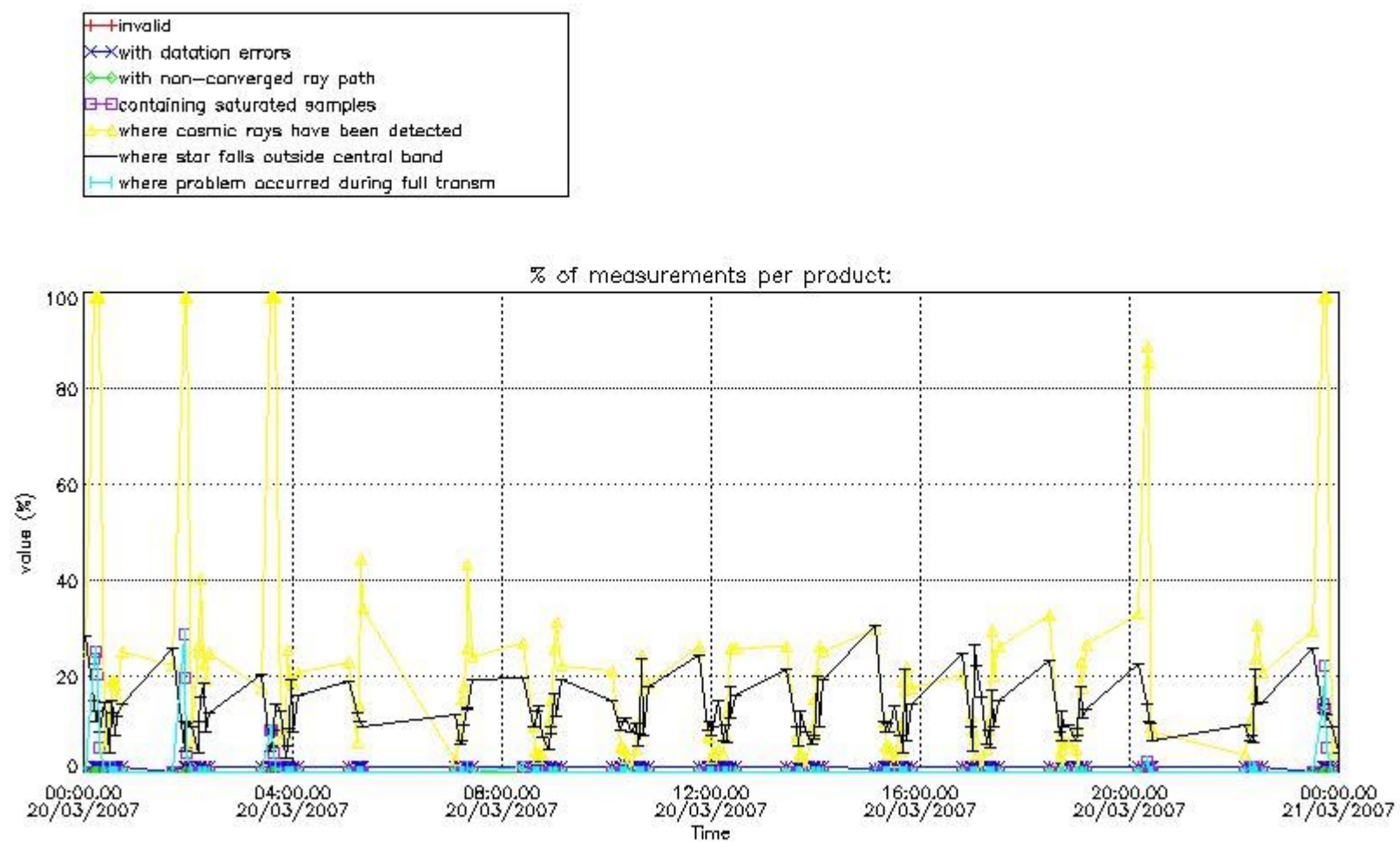


#### 4. Level 1 quality information per product

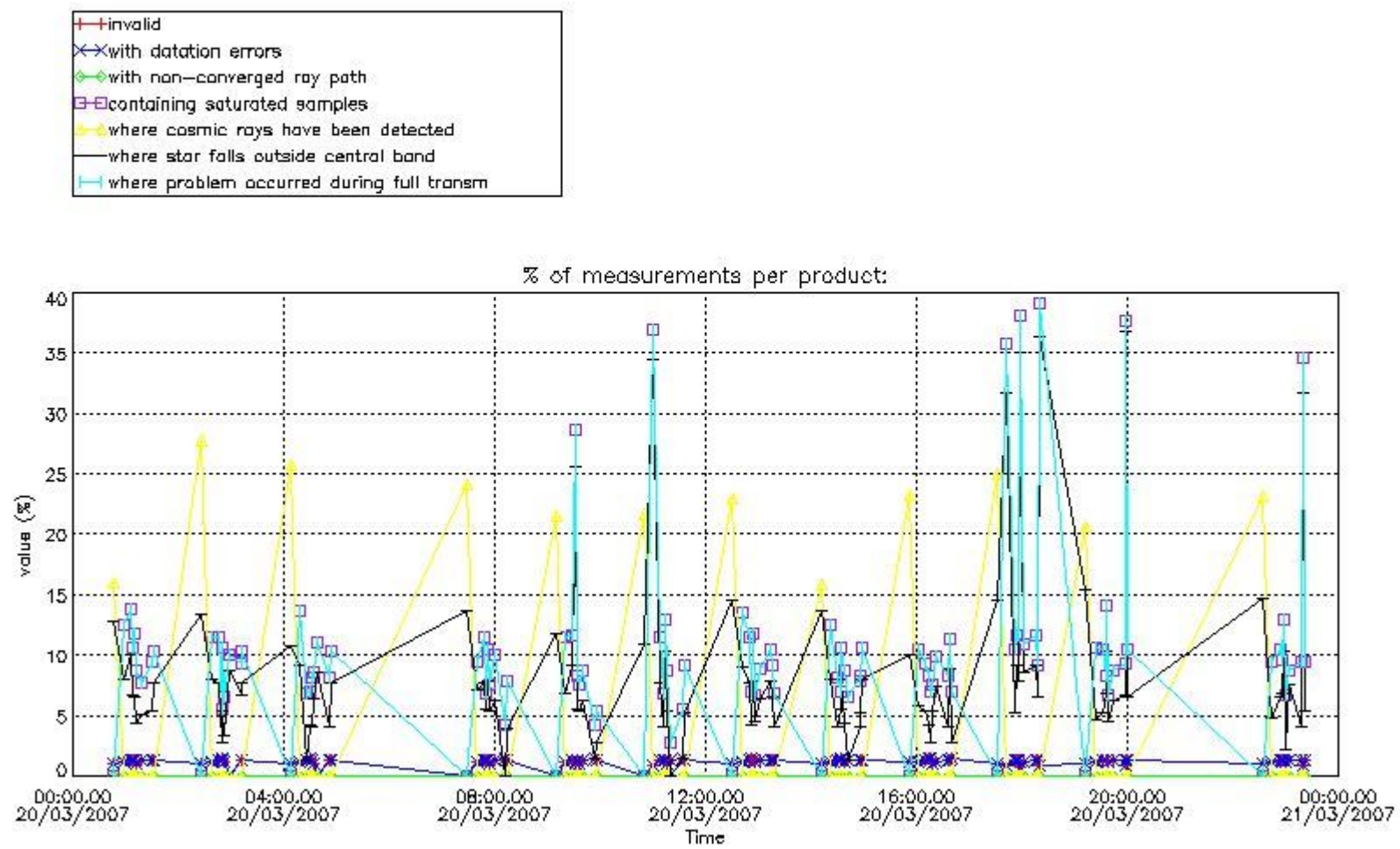
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

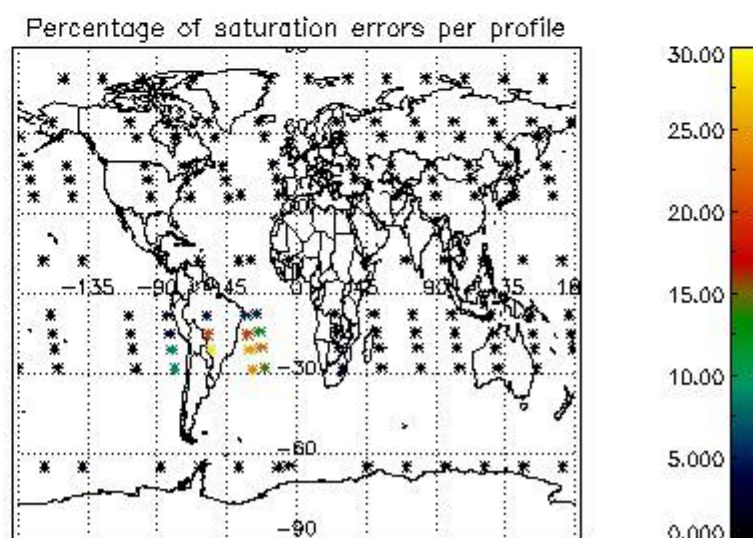
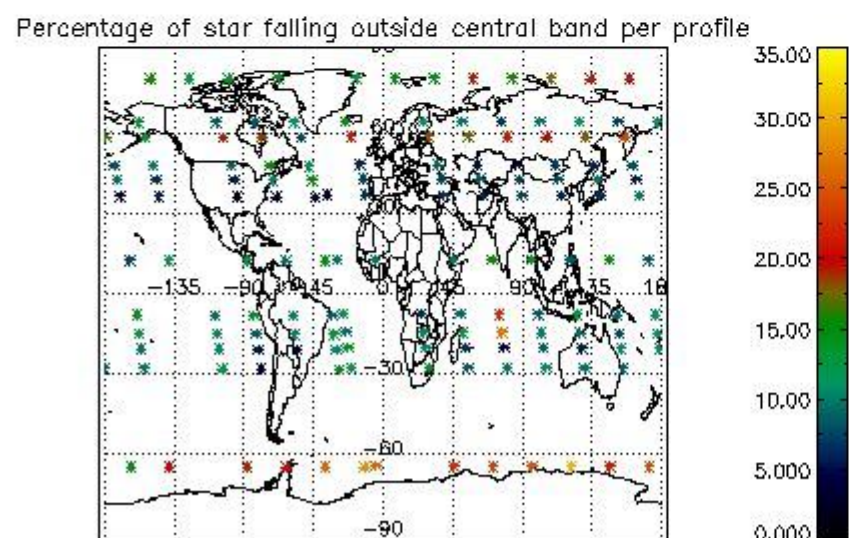
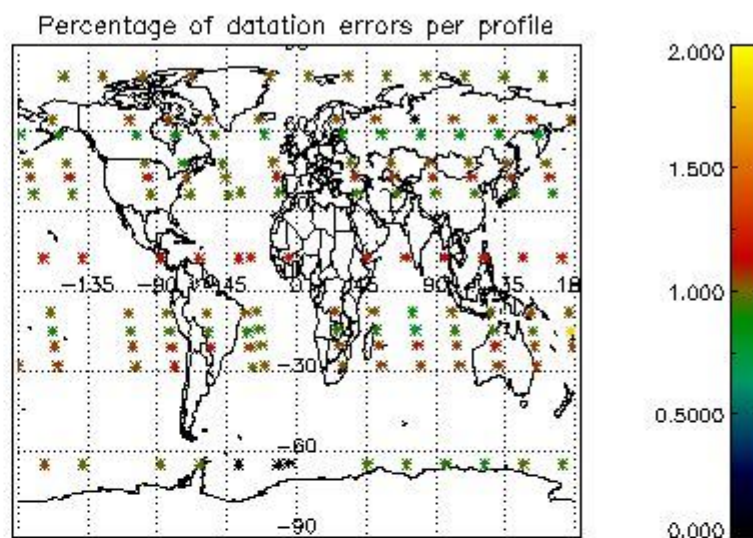
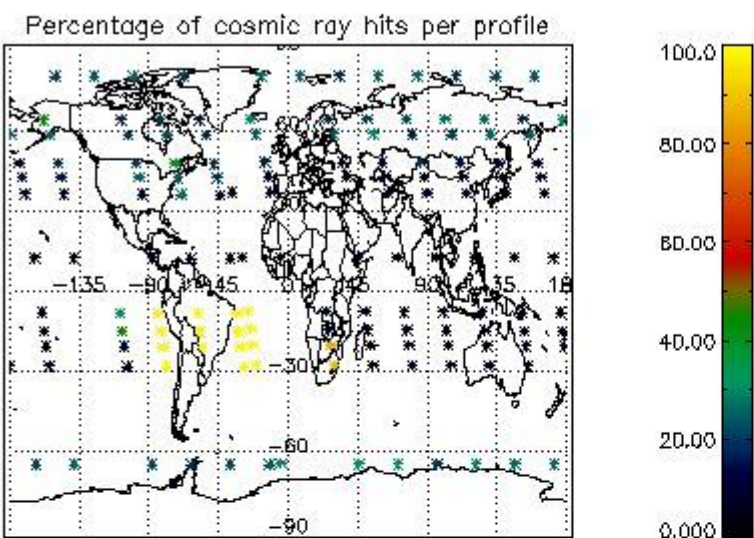


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

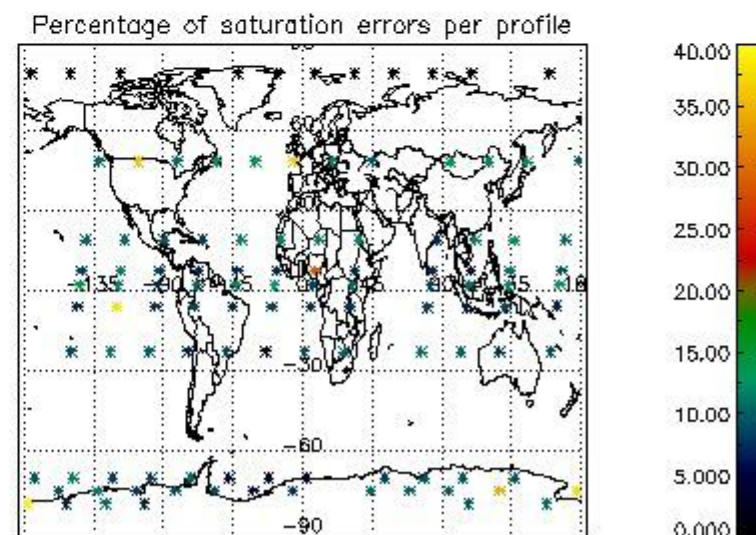
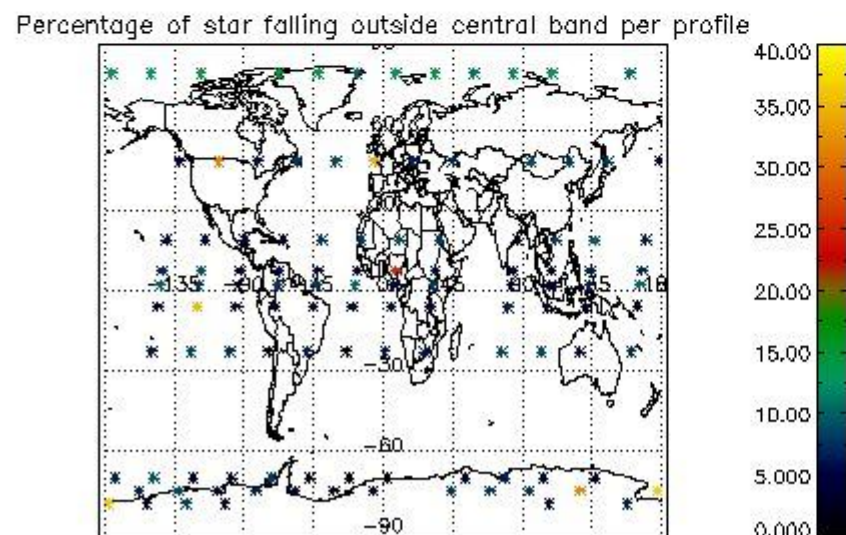
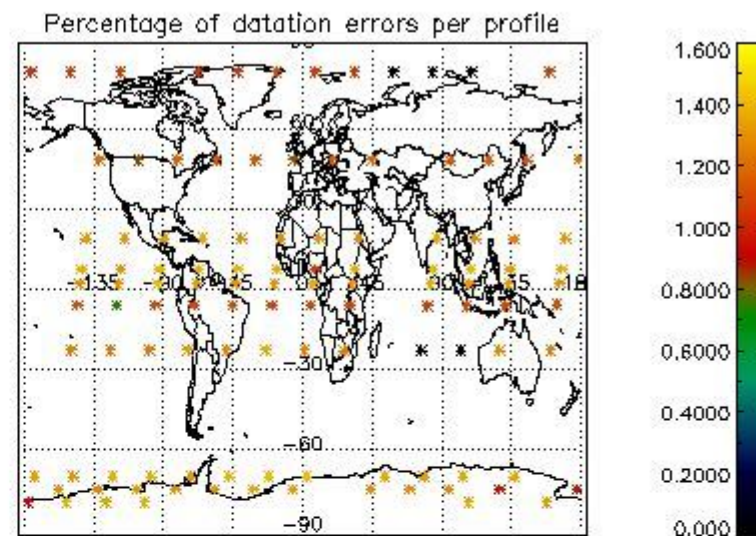
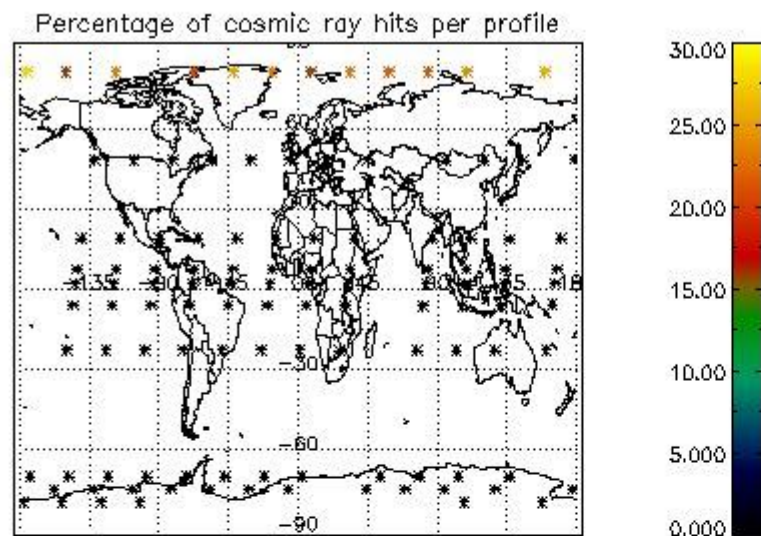


*4.2 Plot quality information per product coming from level 1b processing (world map)*

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



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



## 5. Trace gas profiles

### 5.1 Ozone statistics based on quality of products

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

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

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

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

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

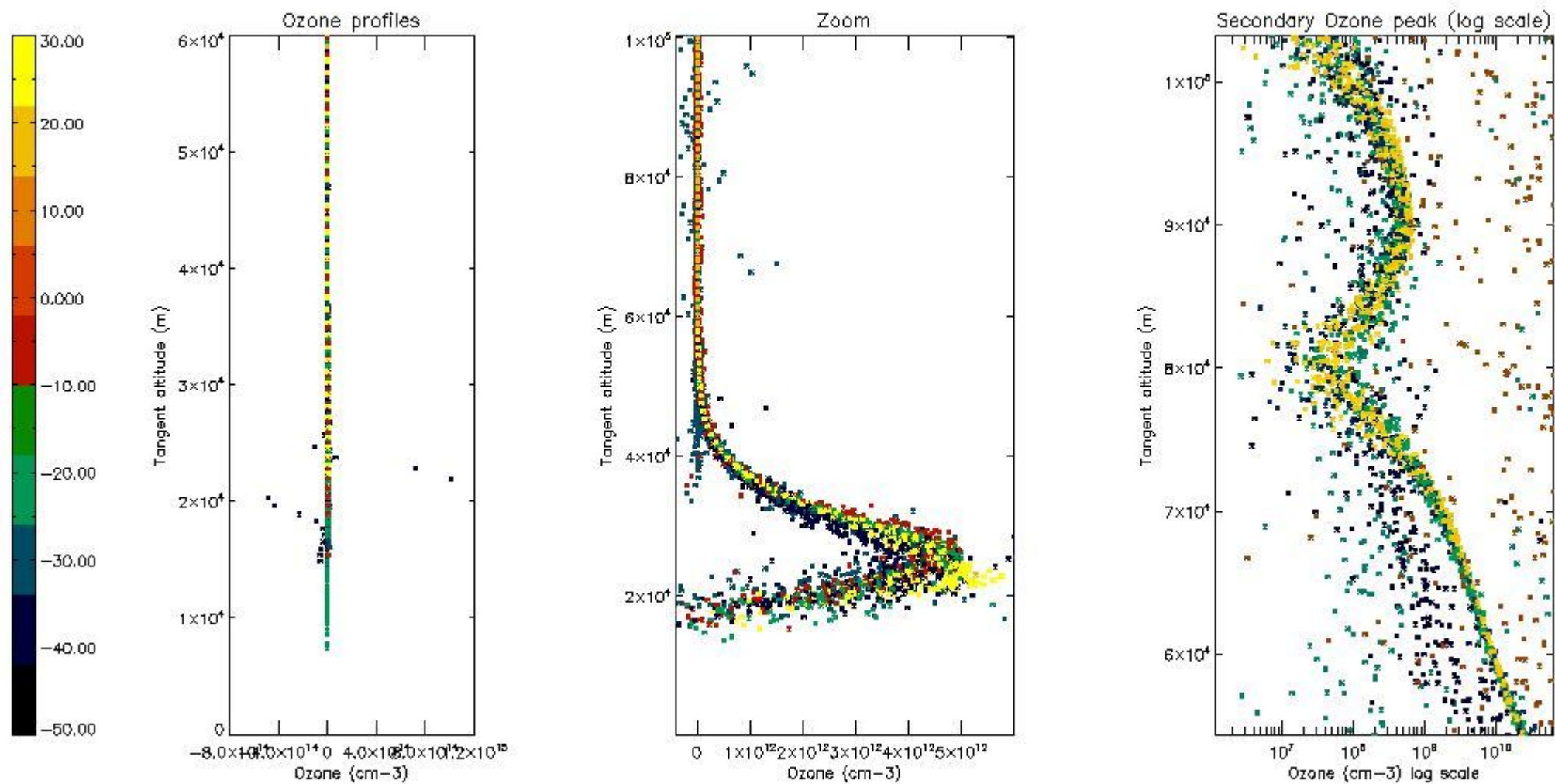
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD  | 36                    |
| STD < 20 | 18                    |

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

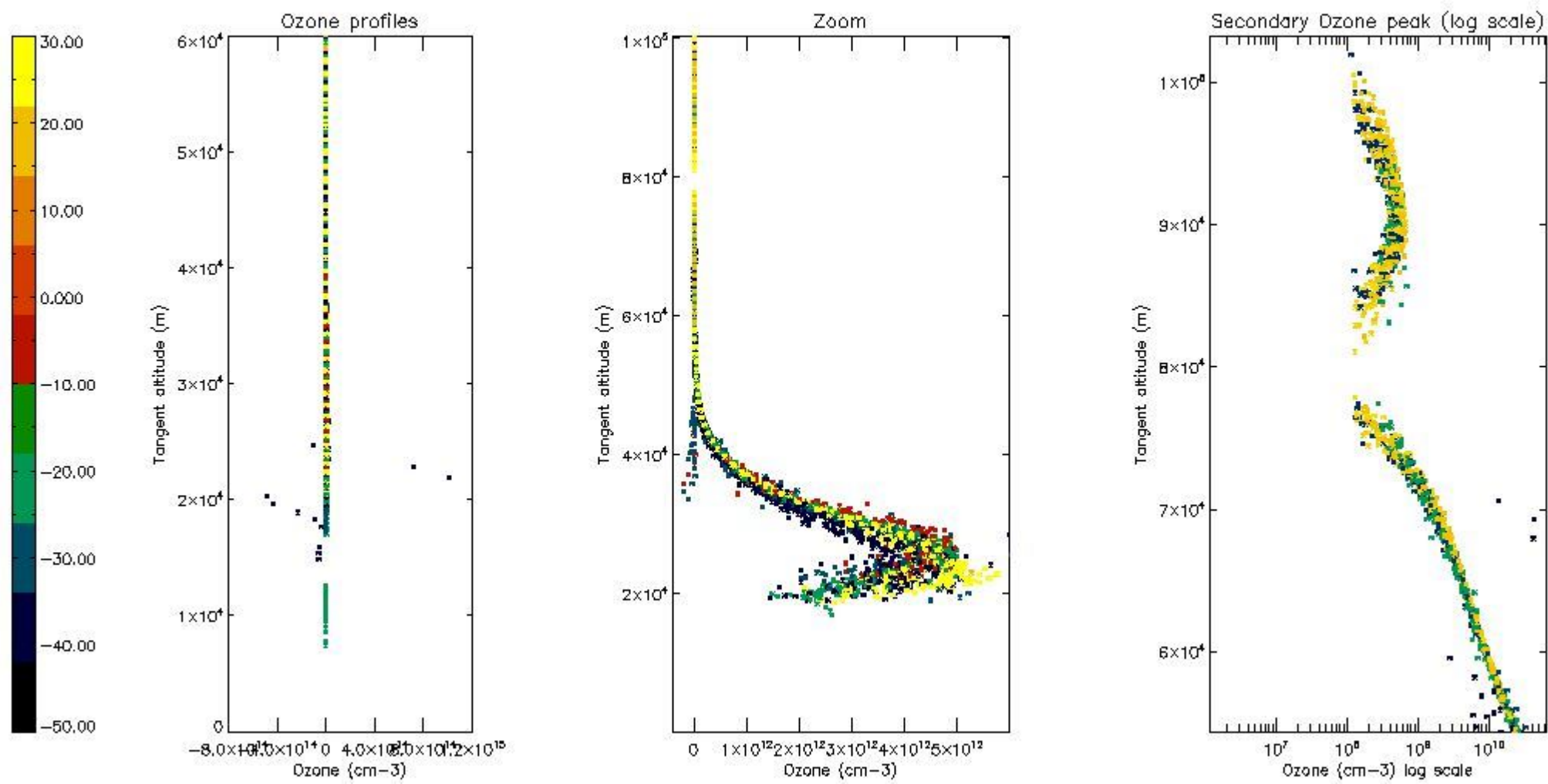
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

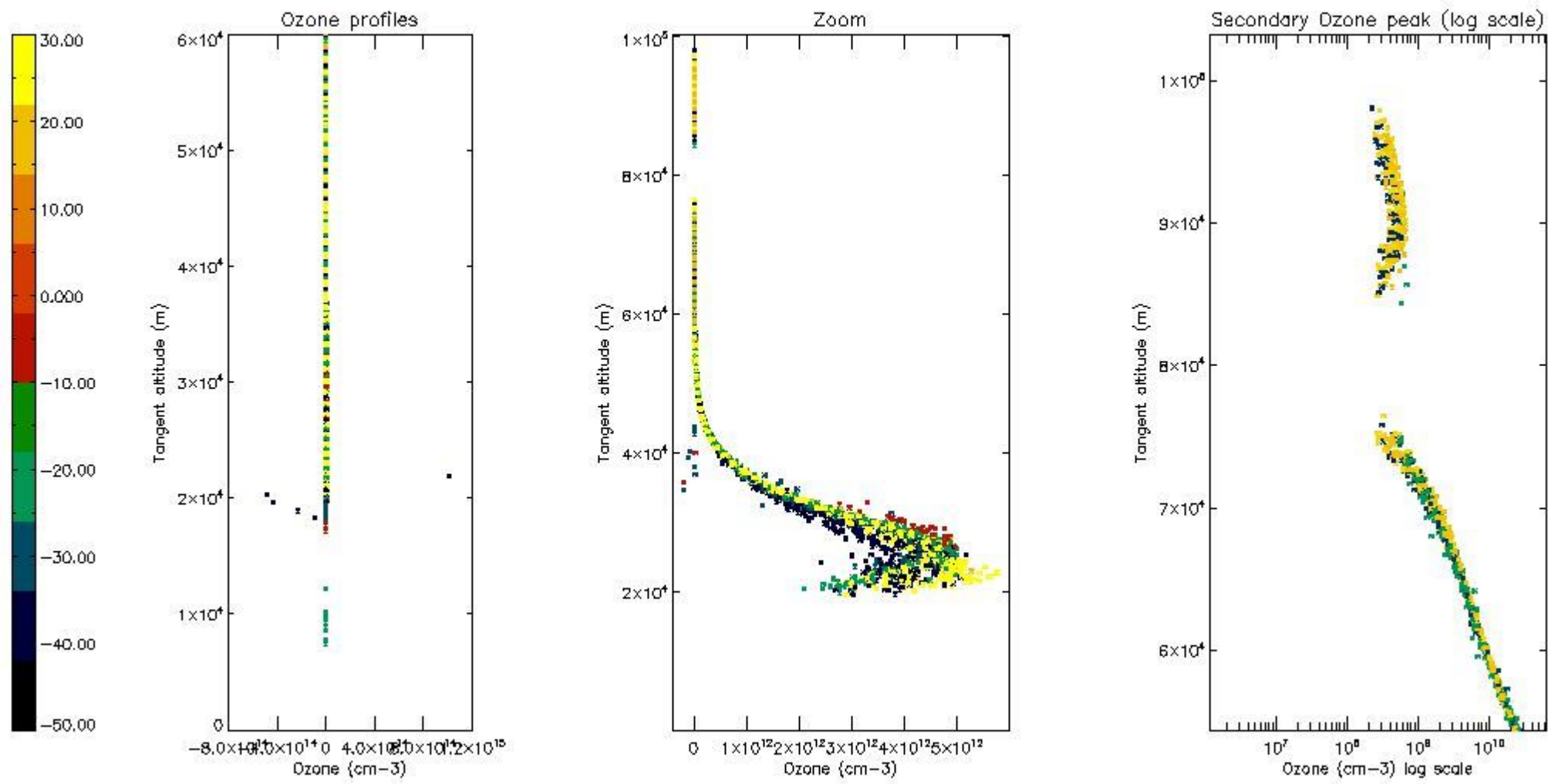
The colorbar represents the latitude.



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

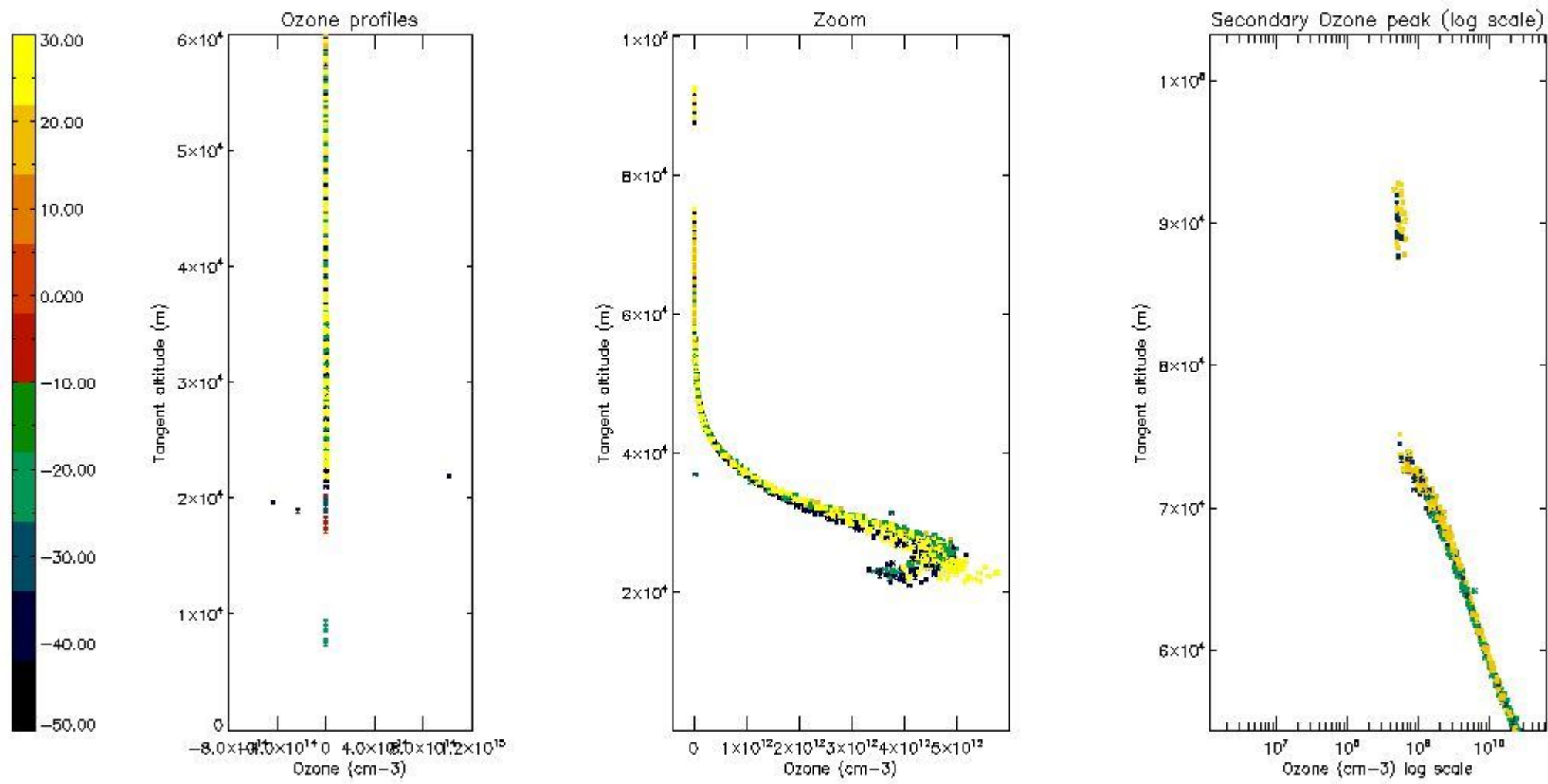
The colorbar represents the latitude.





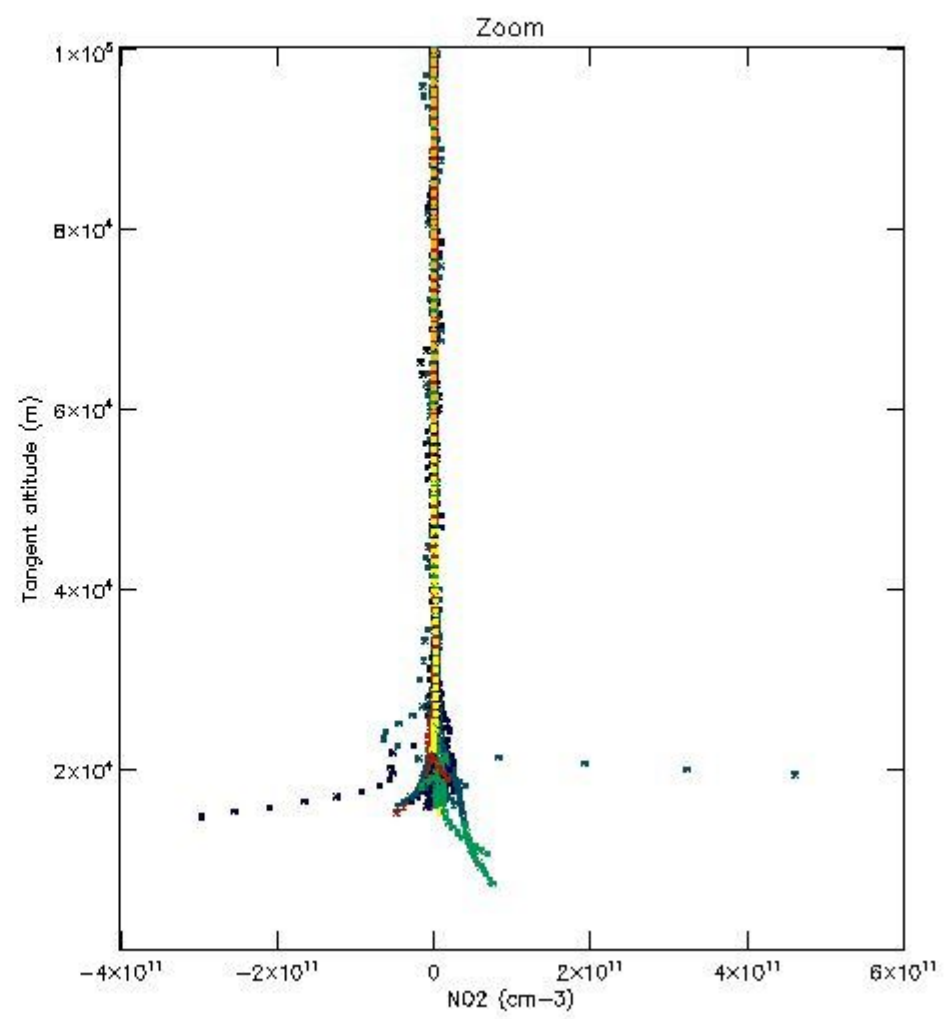
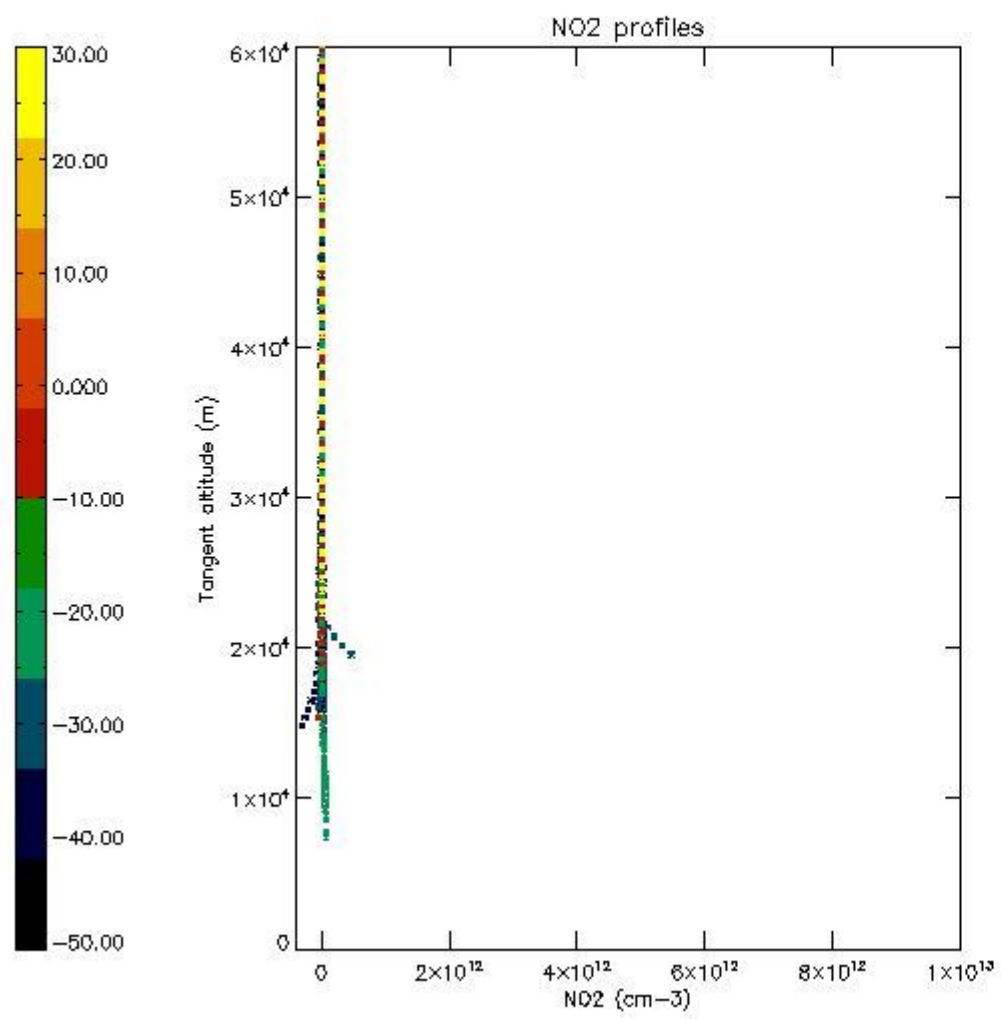
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



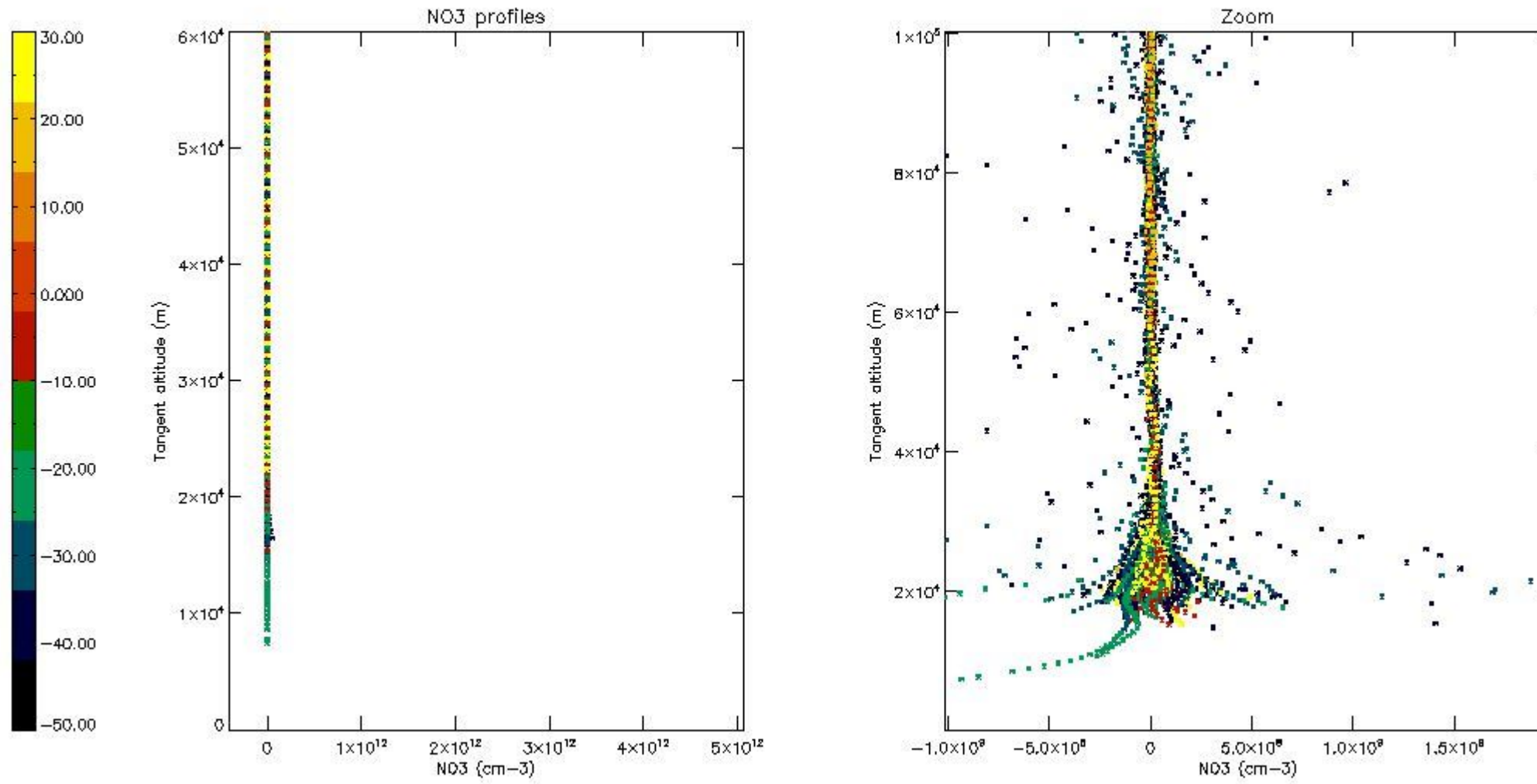
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

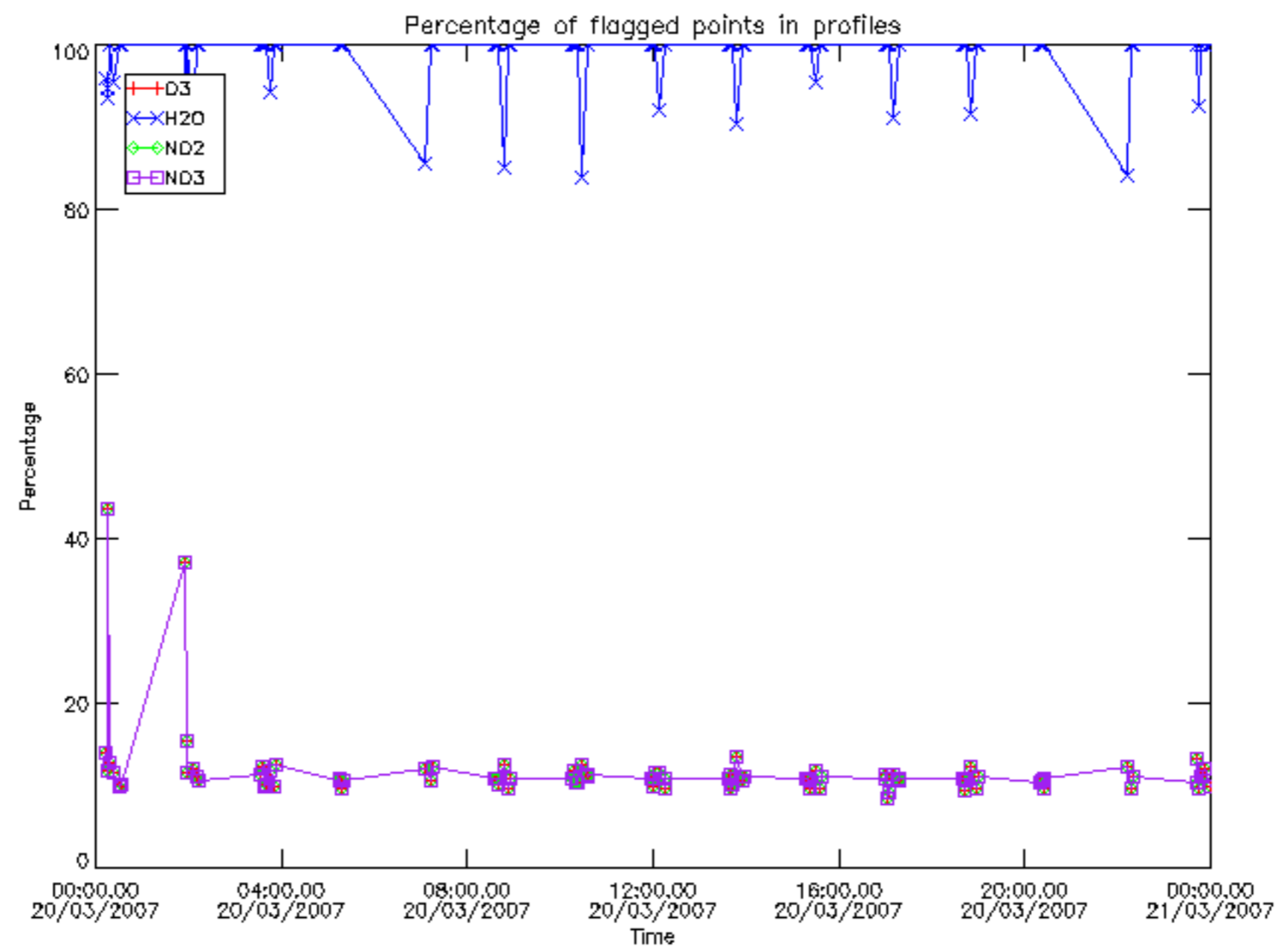
The colorbar represents the latitude.



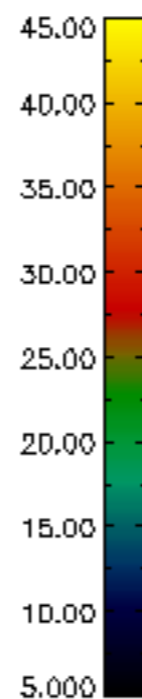
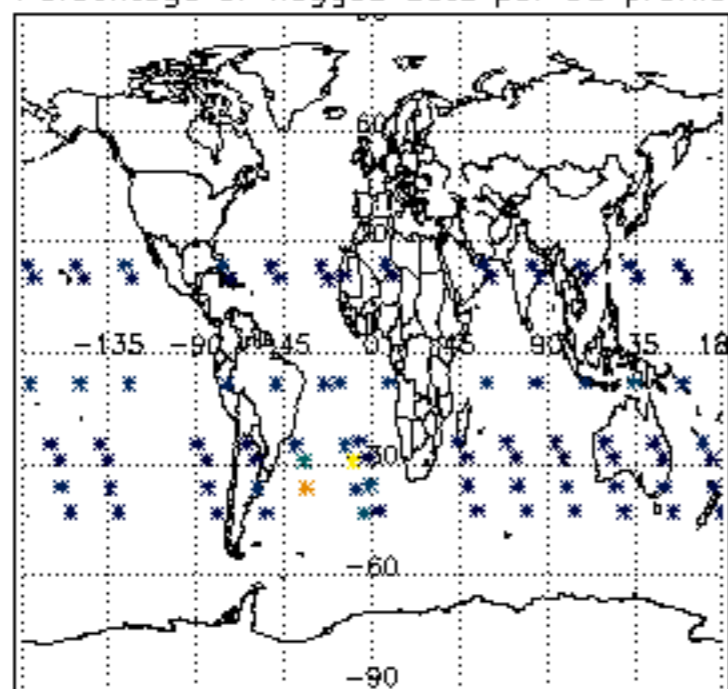
## 6. Auxiliary Data Files used for the production reported in section 2

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.

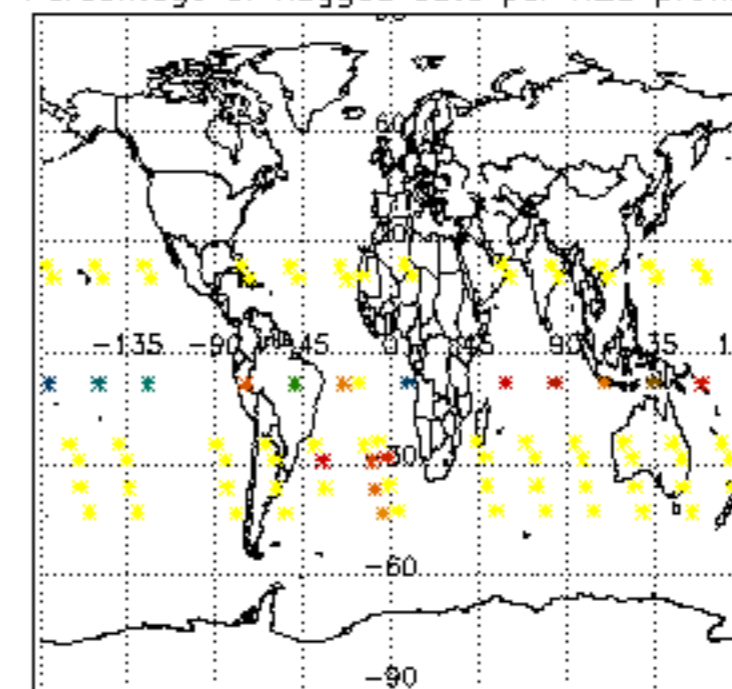
| Type                      | Auxiliary Filename  | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1                  | 20-MAR-2007 00:01:56    |
| LEVEL-2_PROC_CONFIG       | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1                  | 20-MAR-2007 00:01:56    |
| CROSS_SECTIONS_FILE       | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1                  | 20-MAR-2007 00:01:56    |



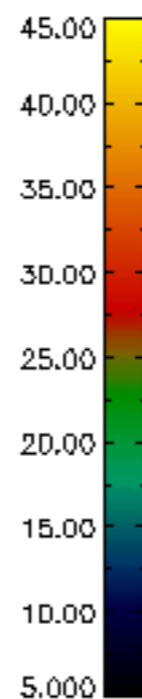
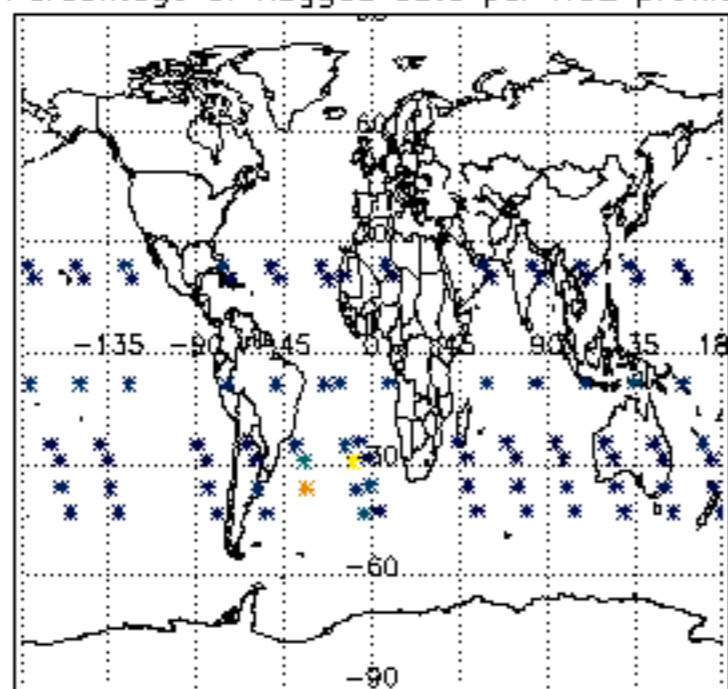
Percentage of flagged data per D3 profile



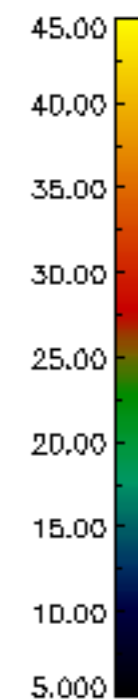
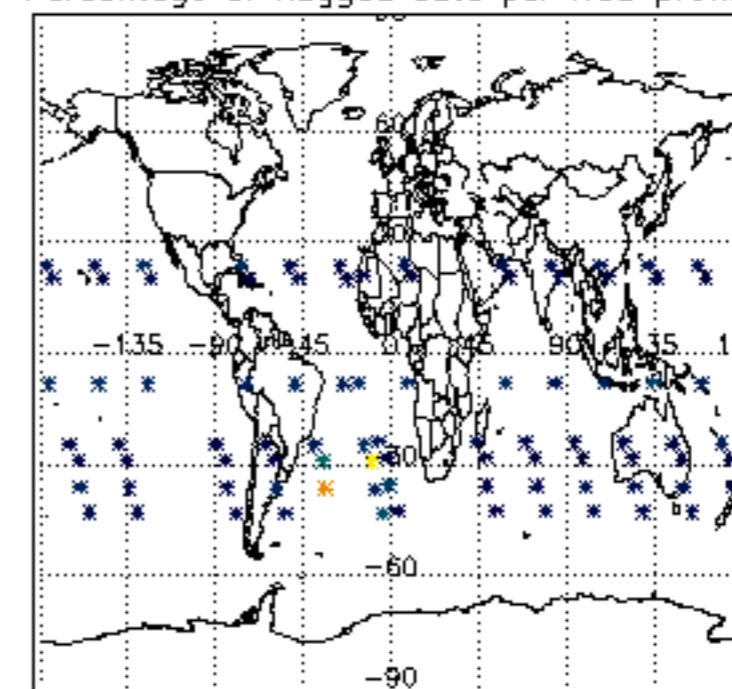
Percentage of flagged data per H2O profile

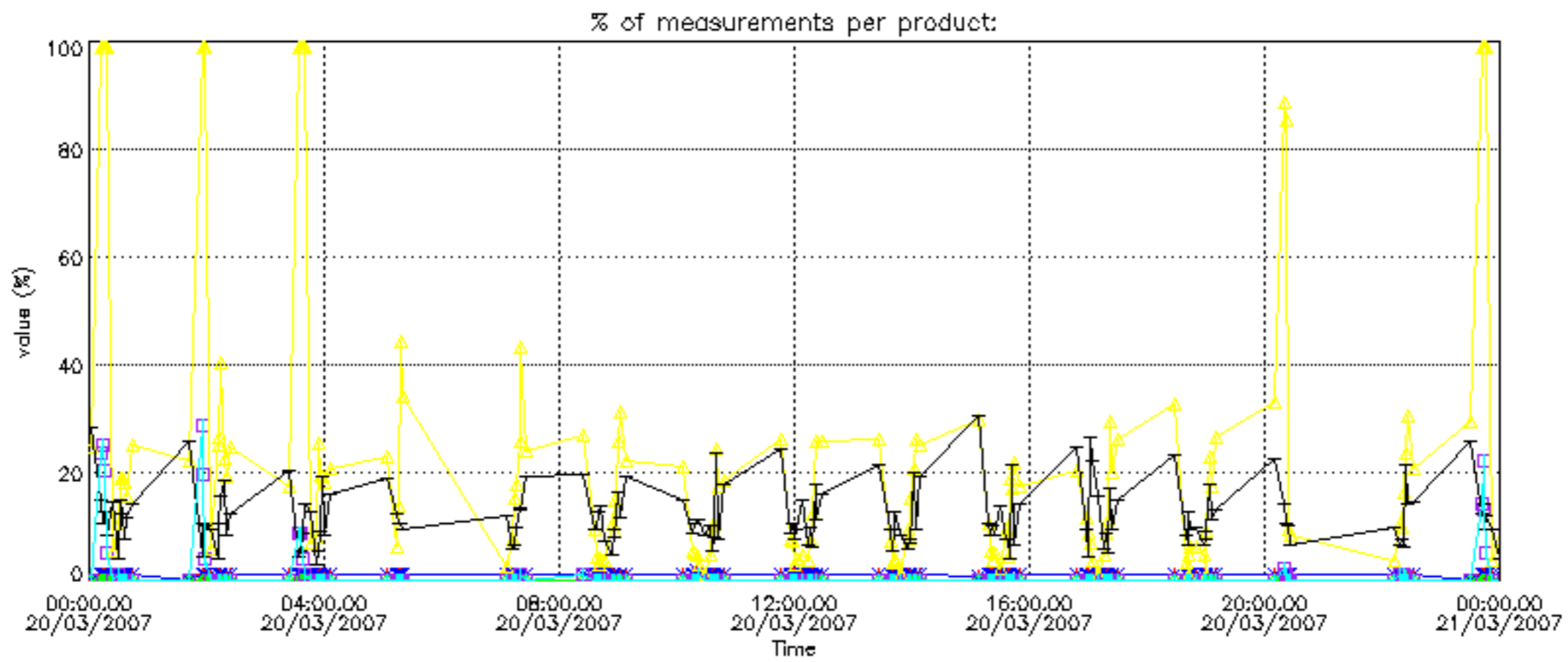


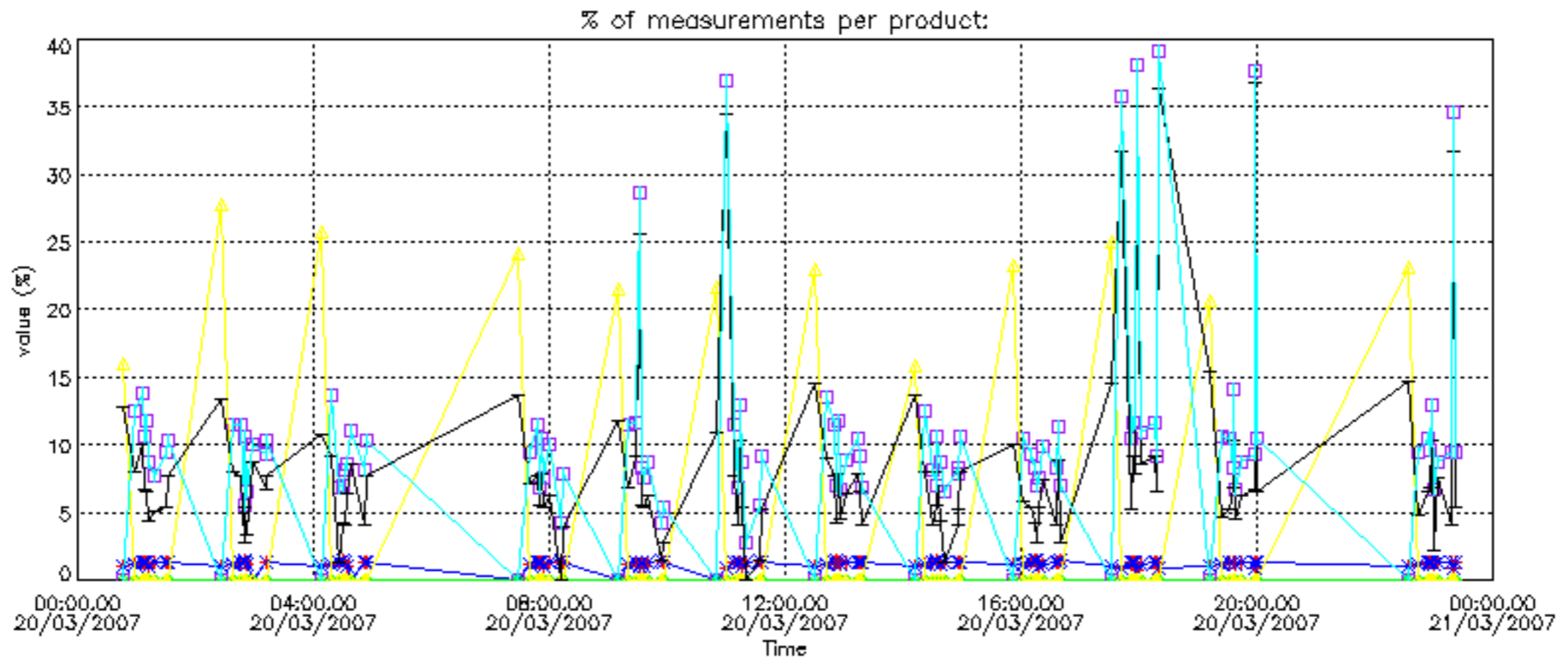
Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

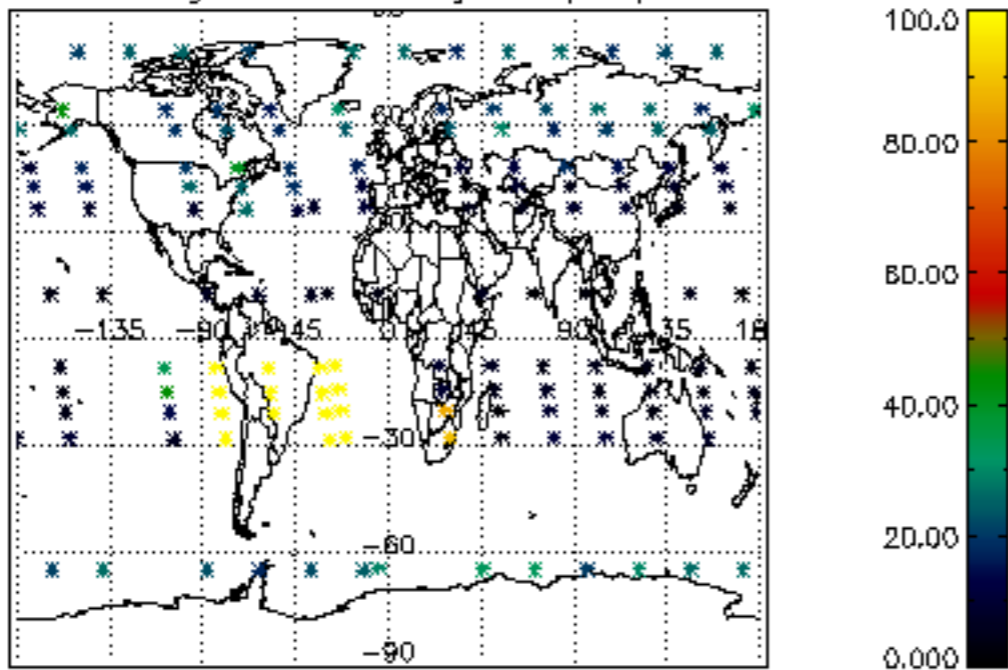




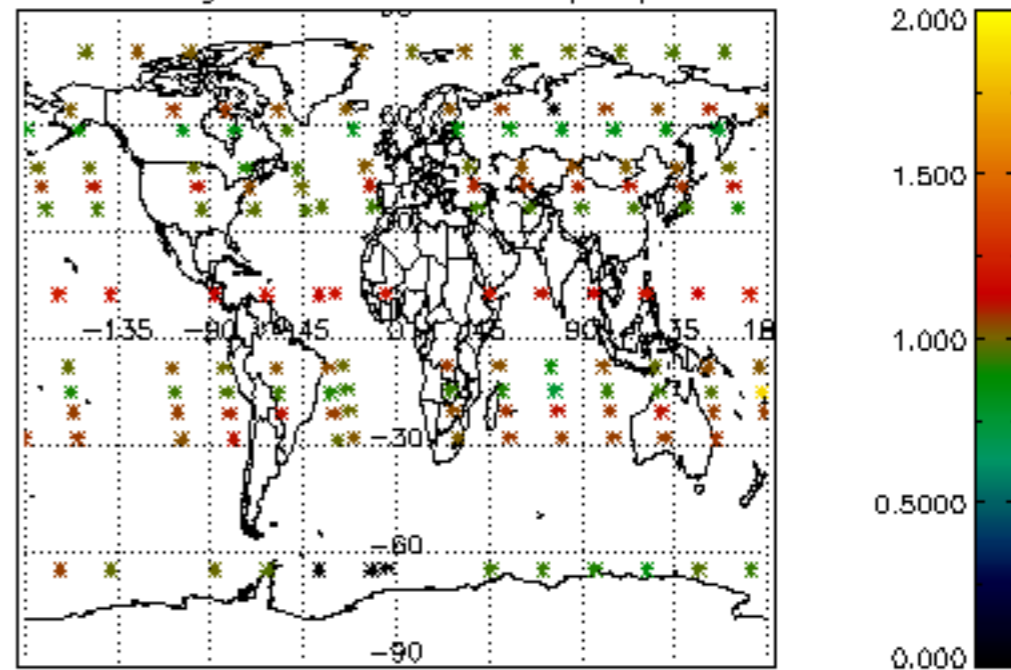




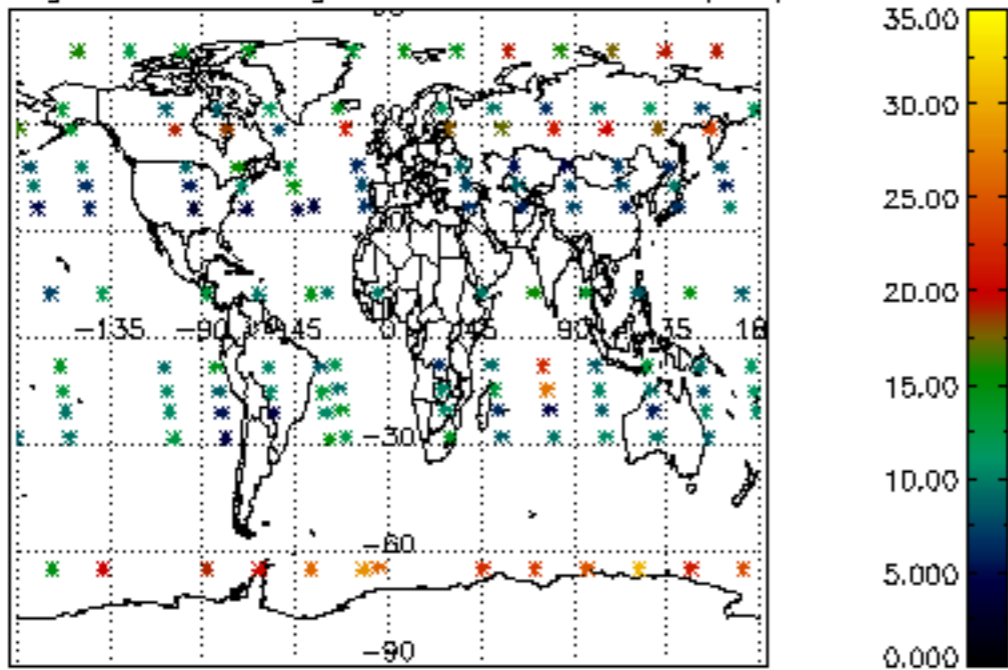
Percentage of cosmic ray hits per profile



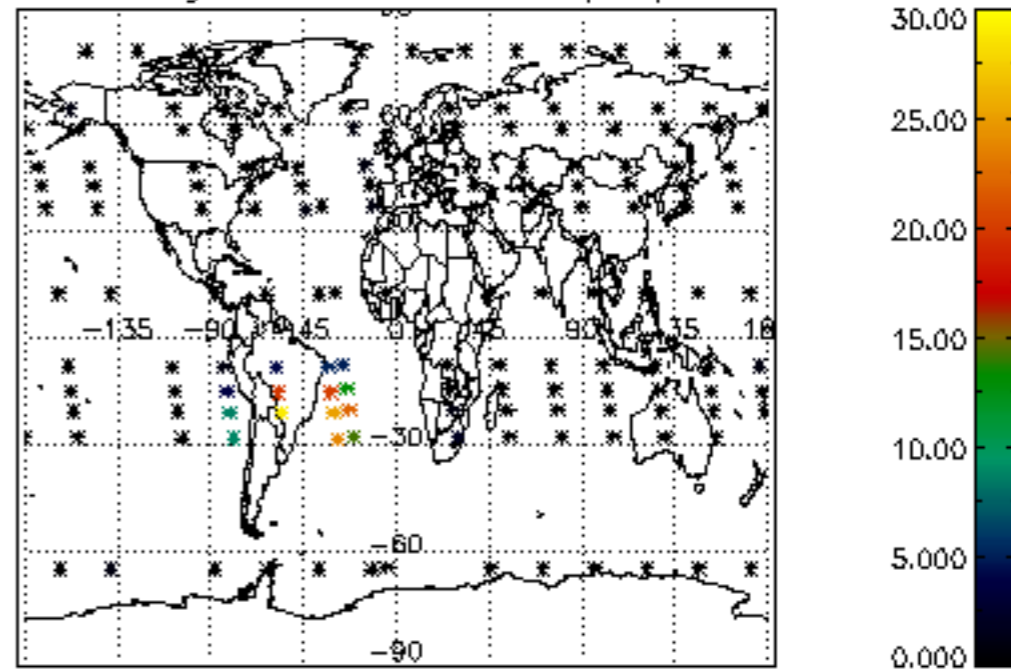
Percentage of datation errors per profile



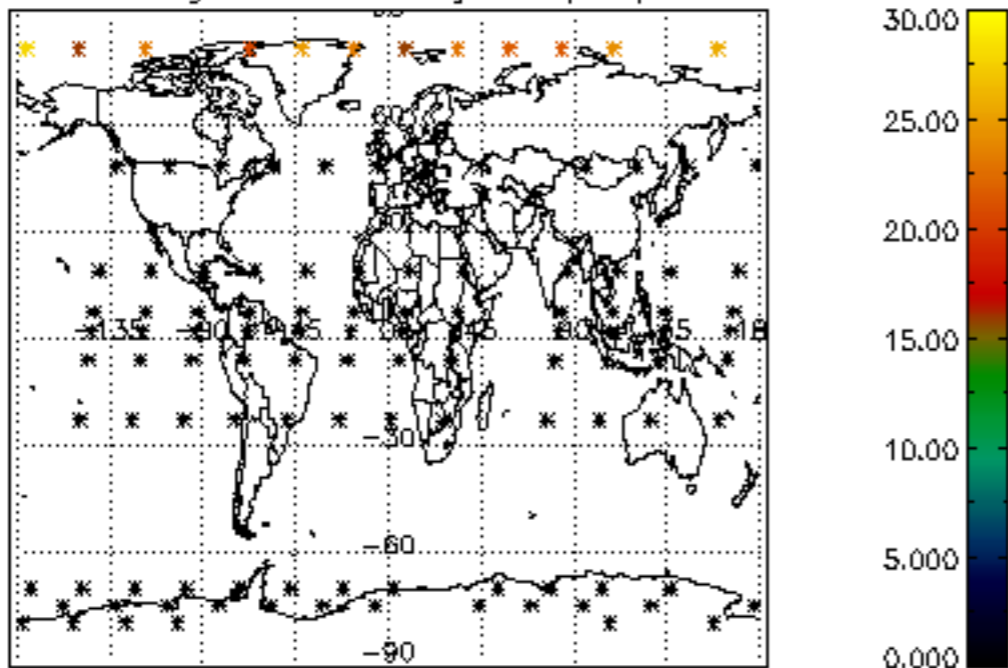
Percentage of star falling outside central band per profile



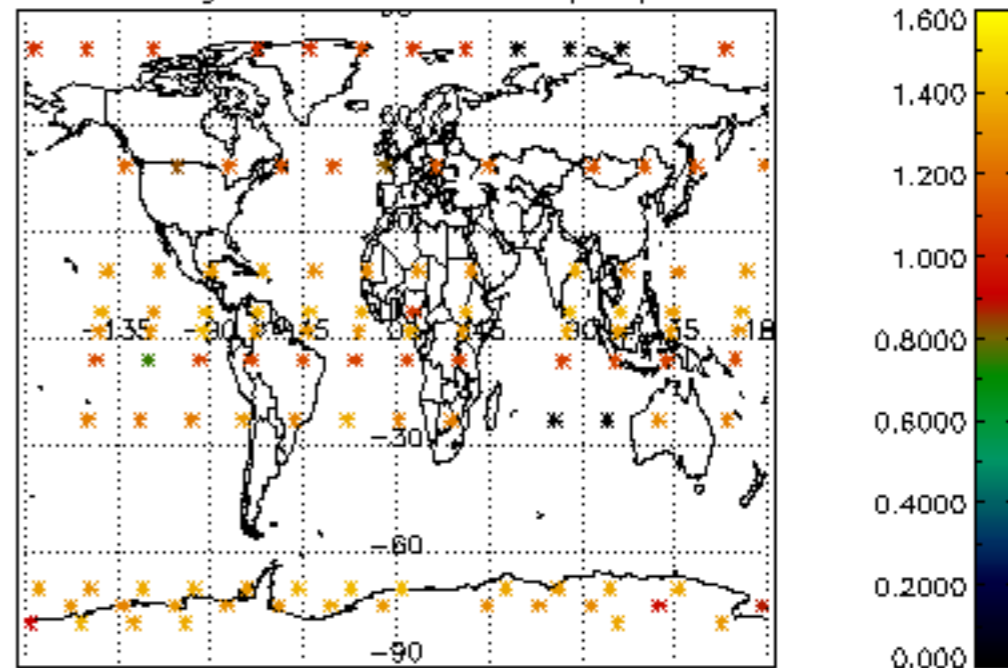
Percentage of saturation errors per profile



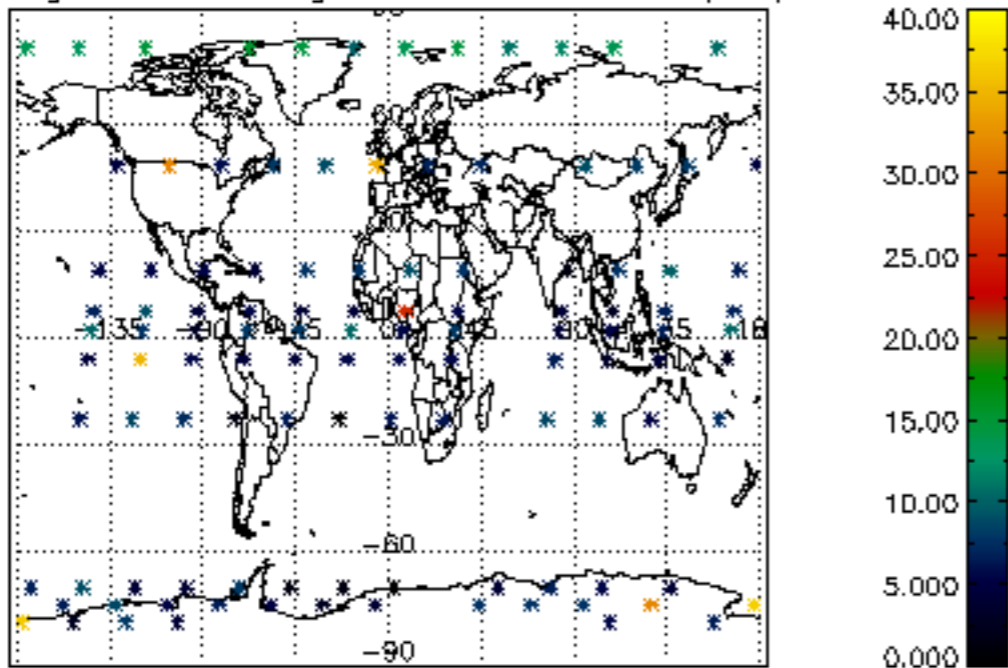
Percentage of cosmic ray hits per profile



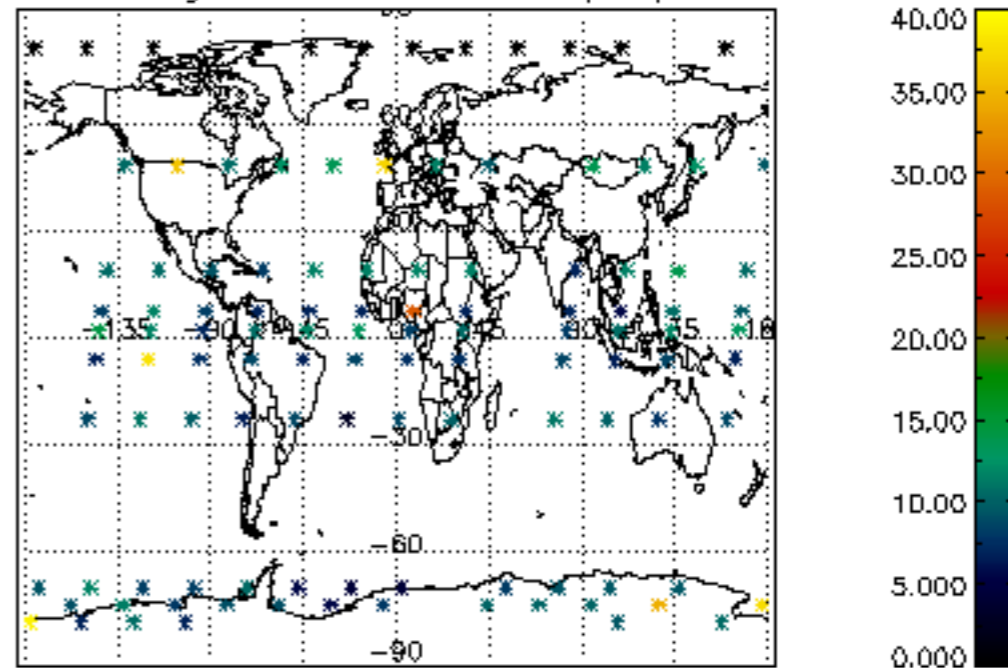
Percentage of datation errors per profile

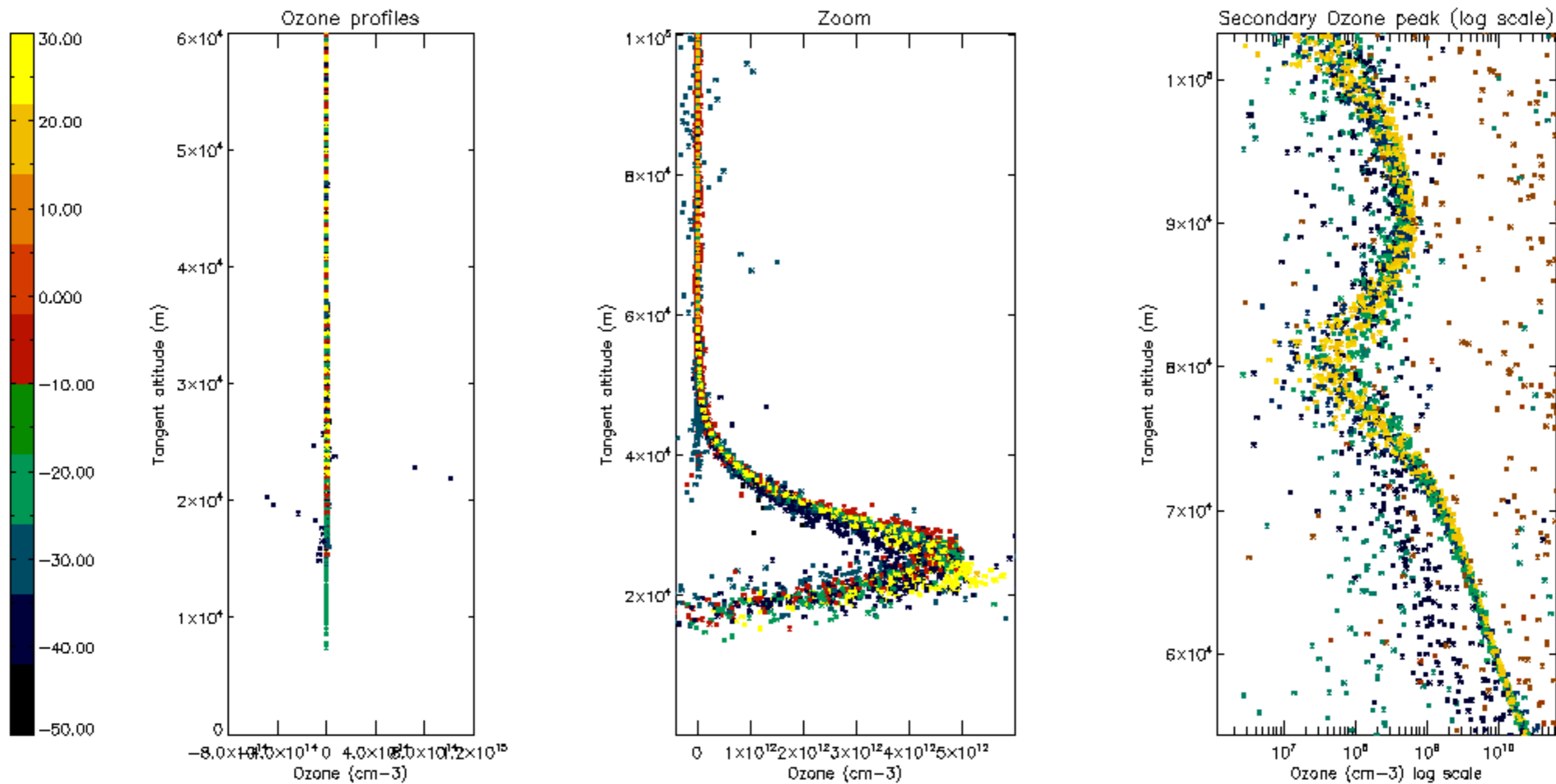


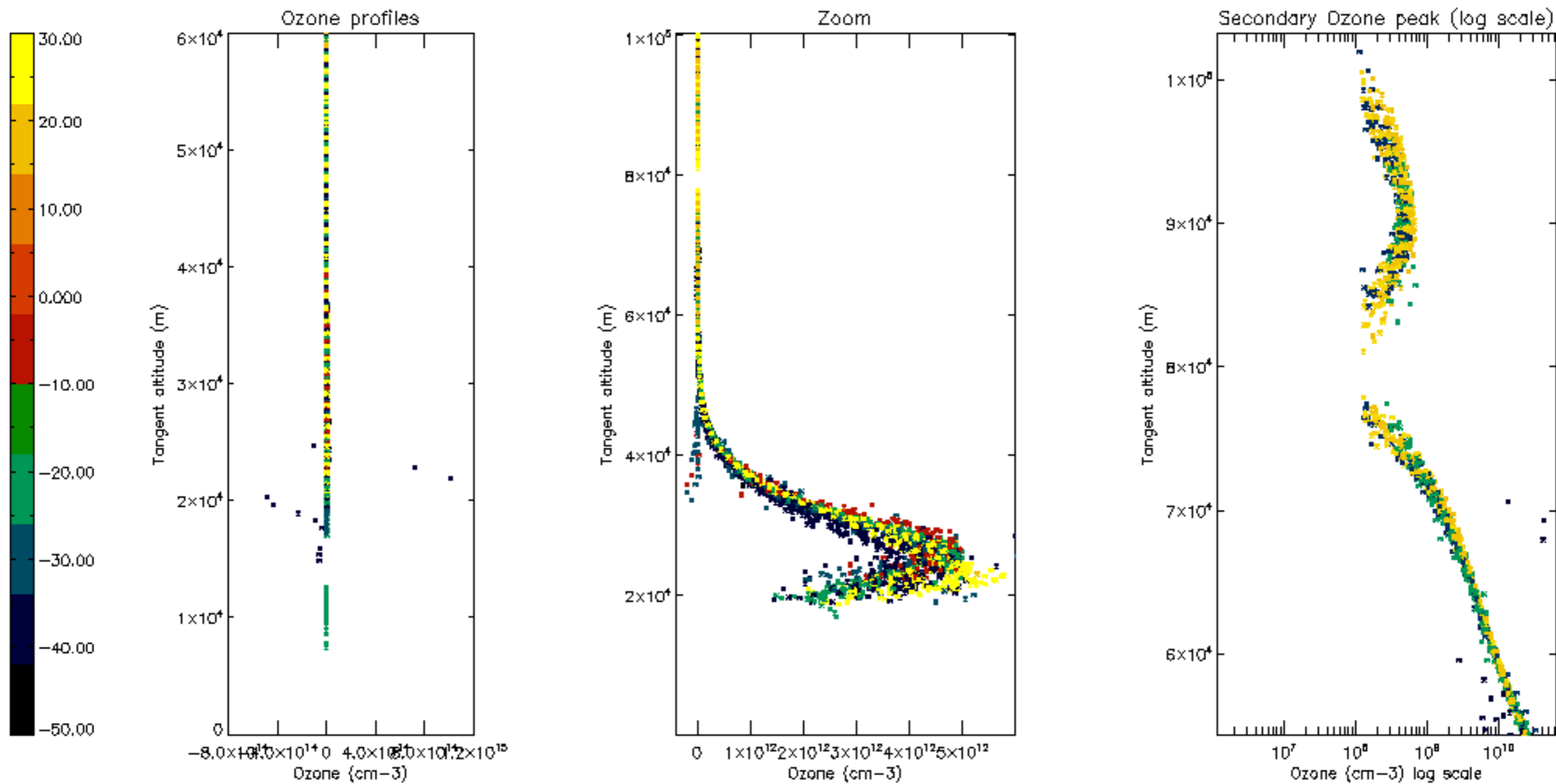
Percentage of star falling outside central band per profile

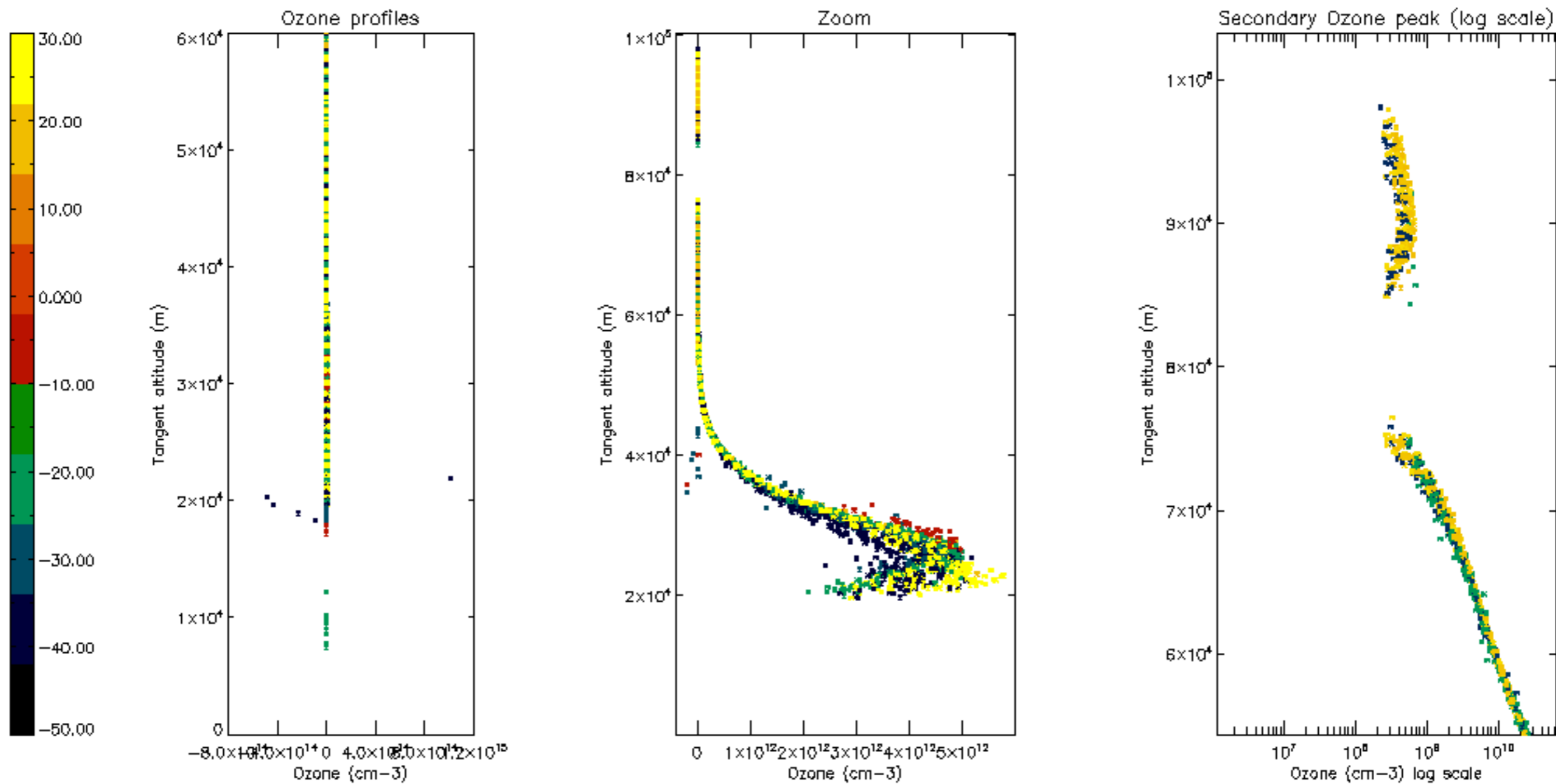


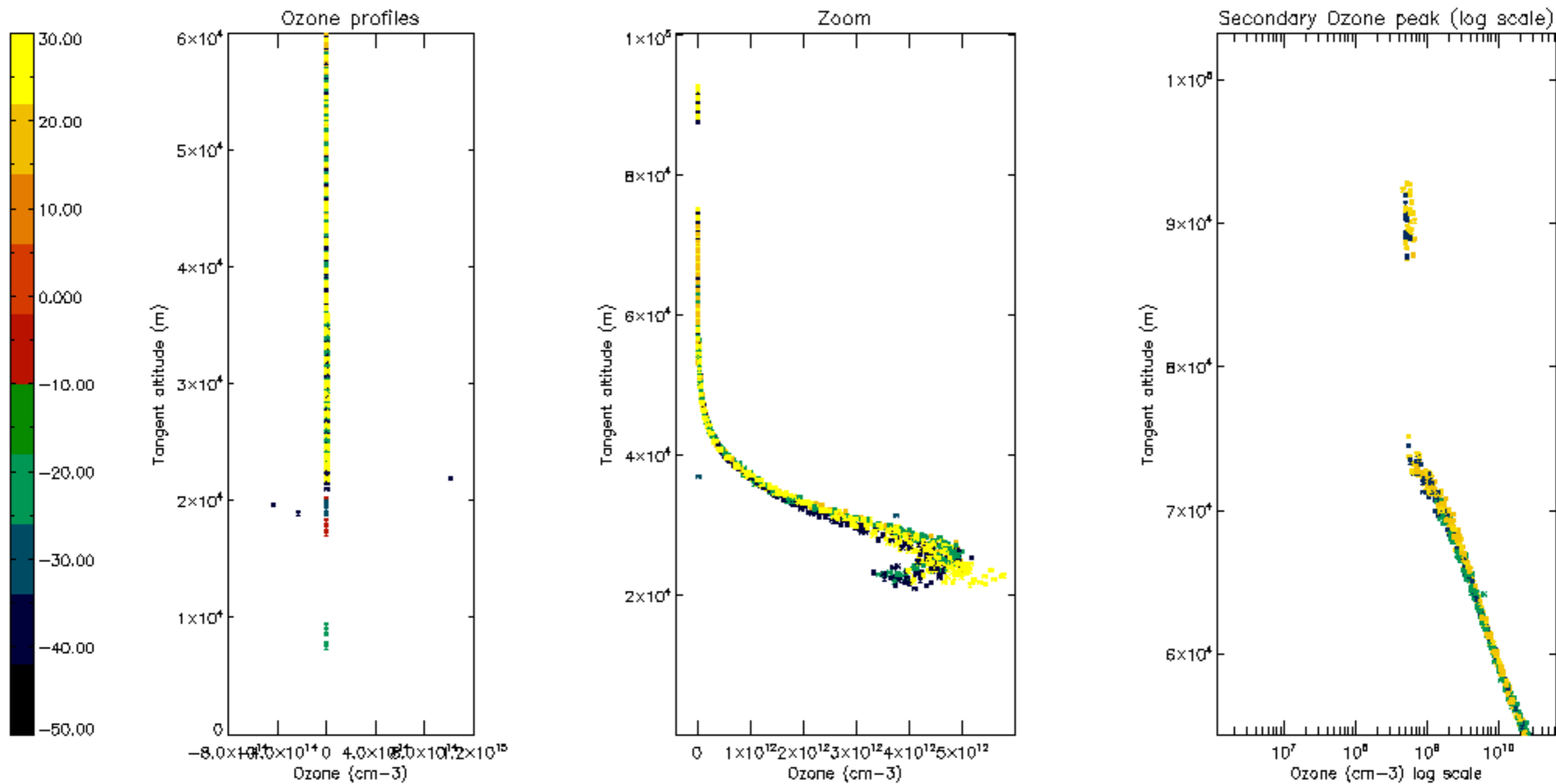
Percentage of saturation errors per profile

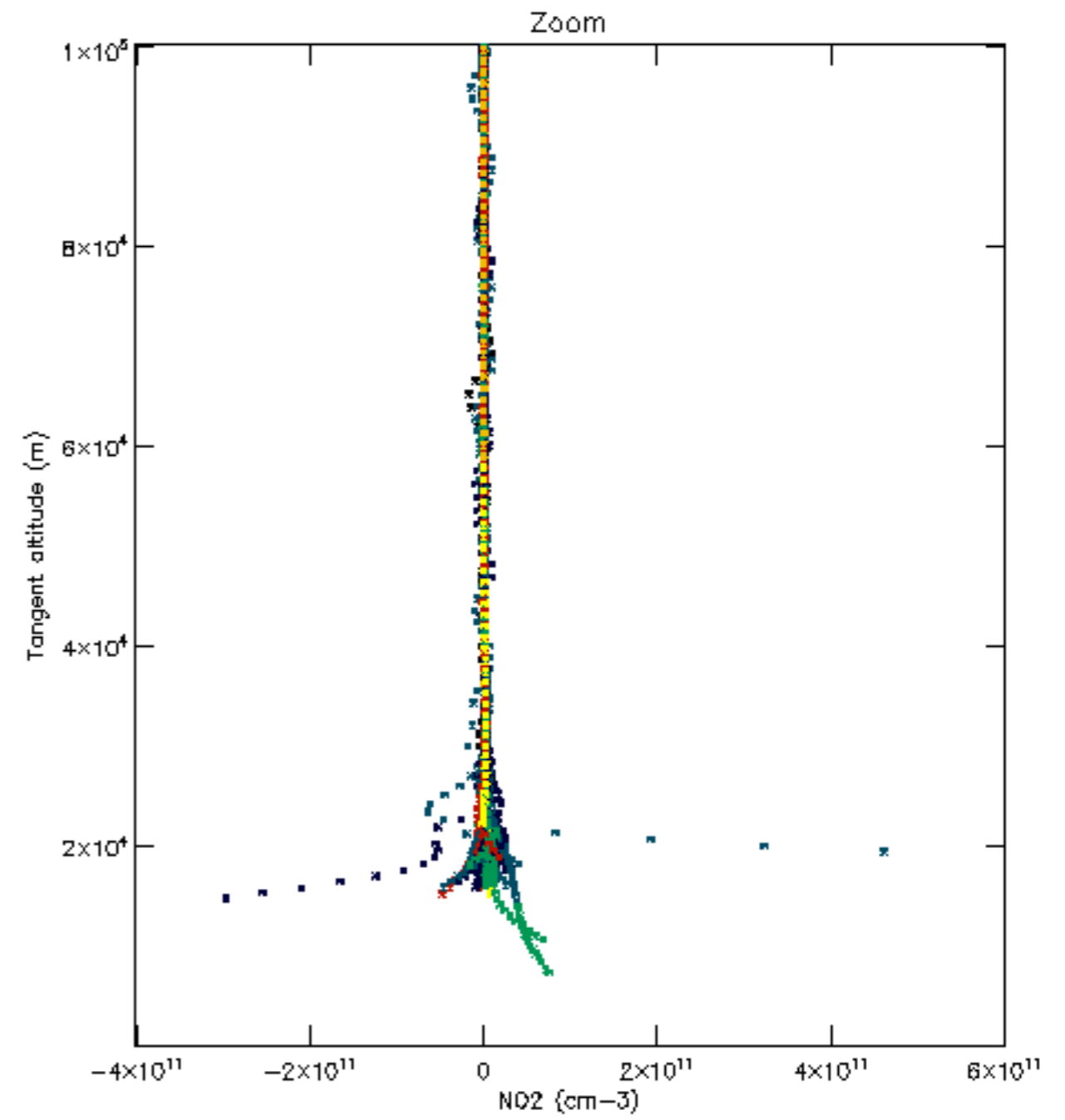
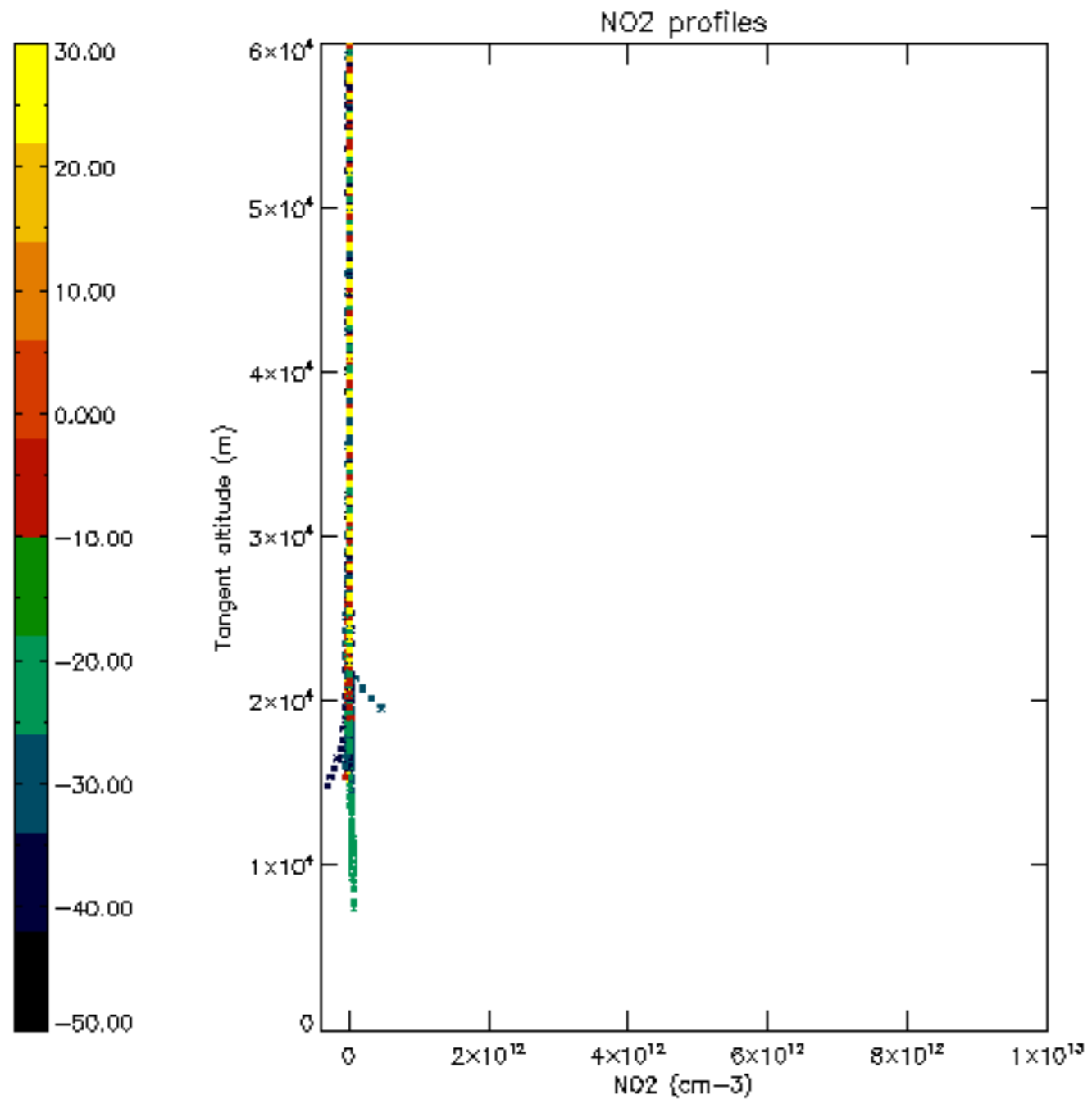


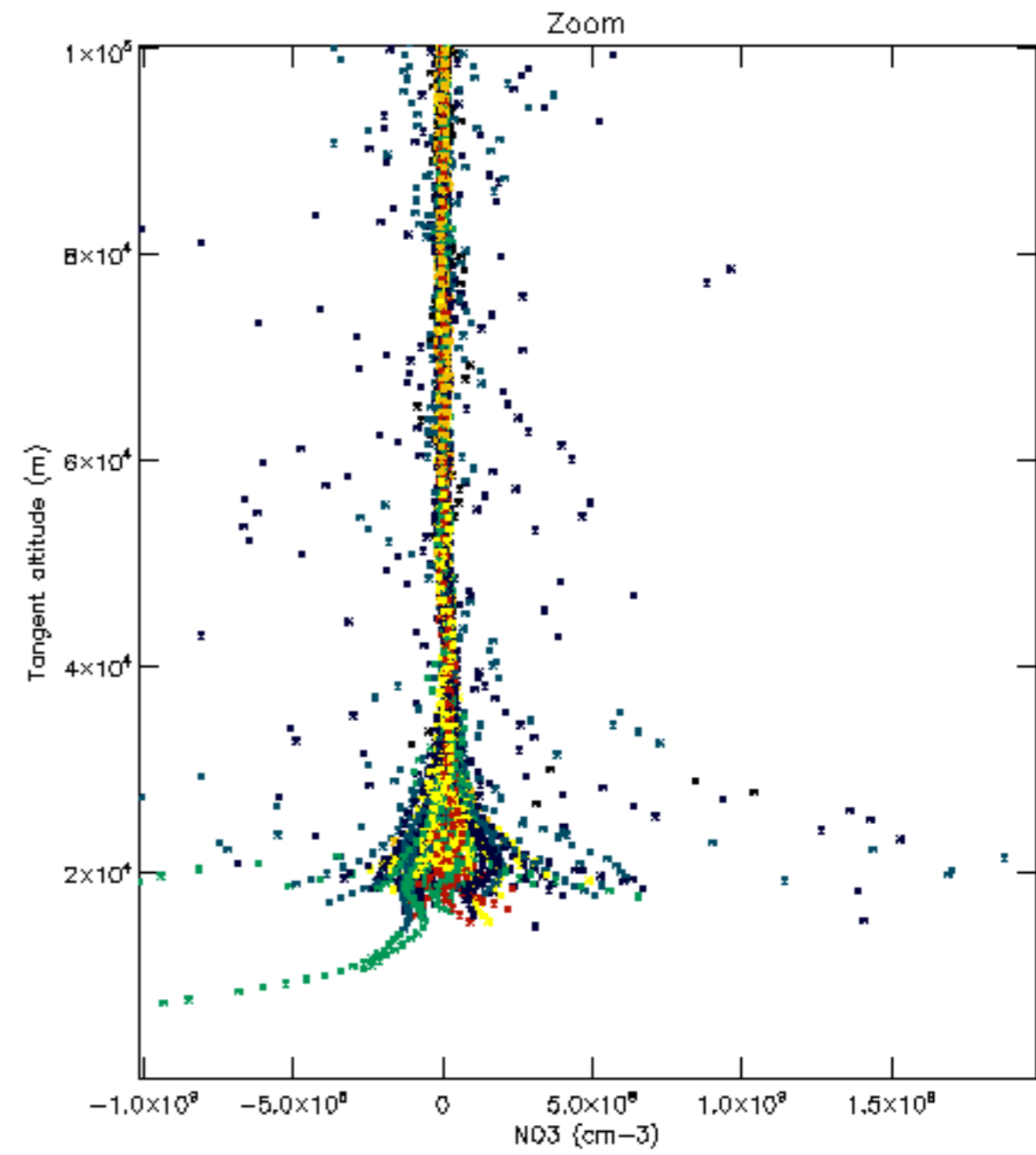
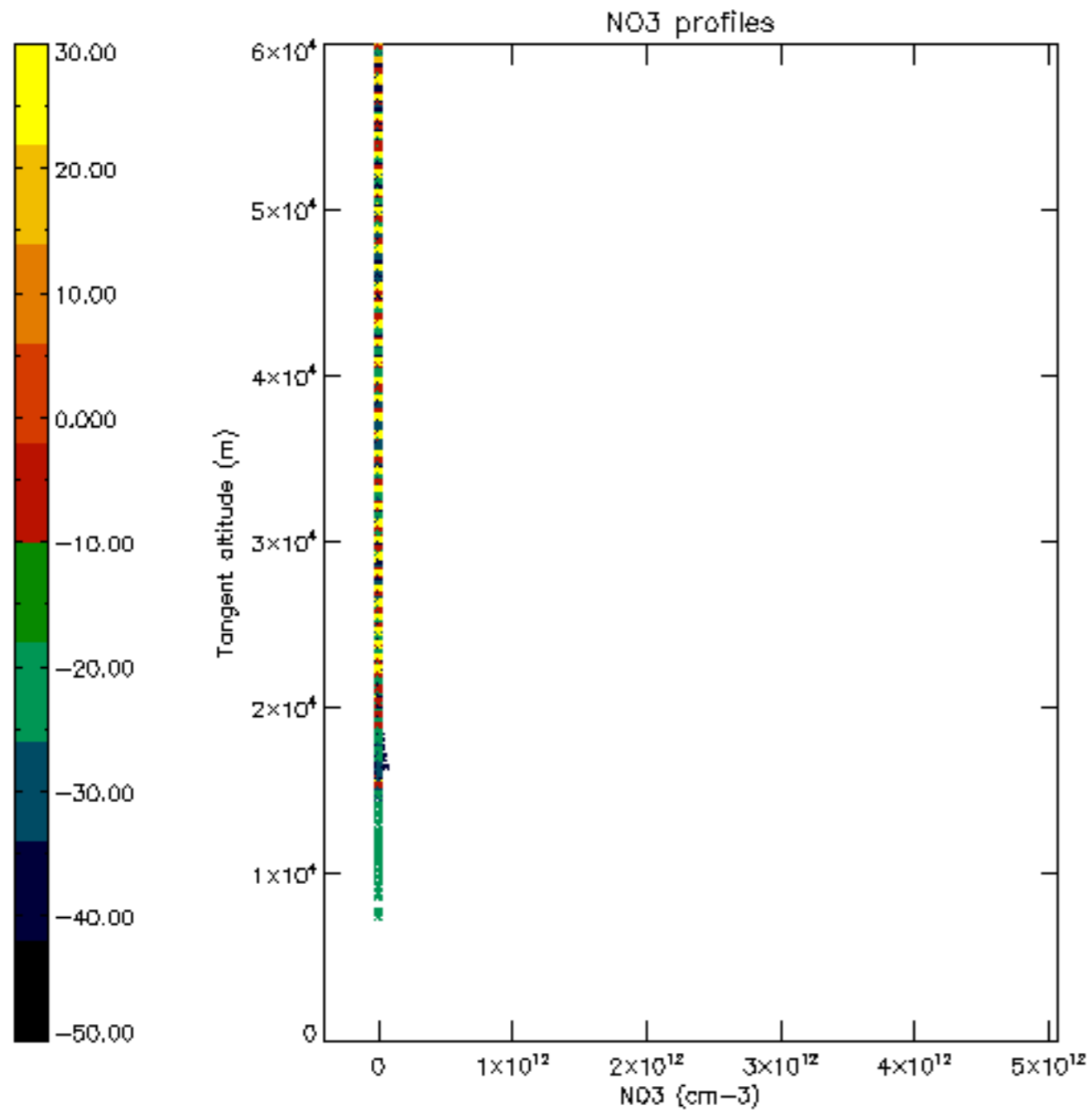




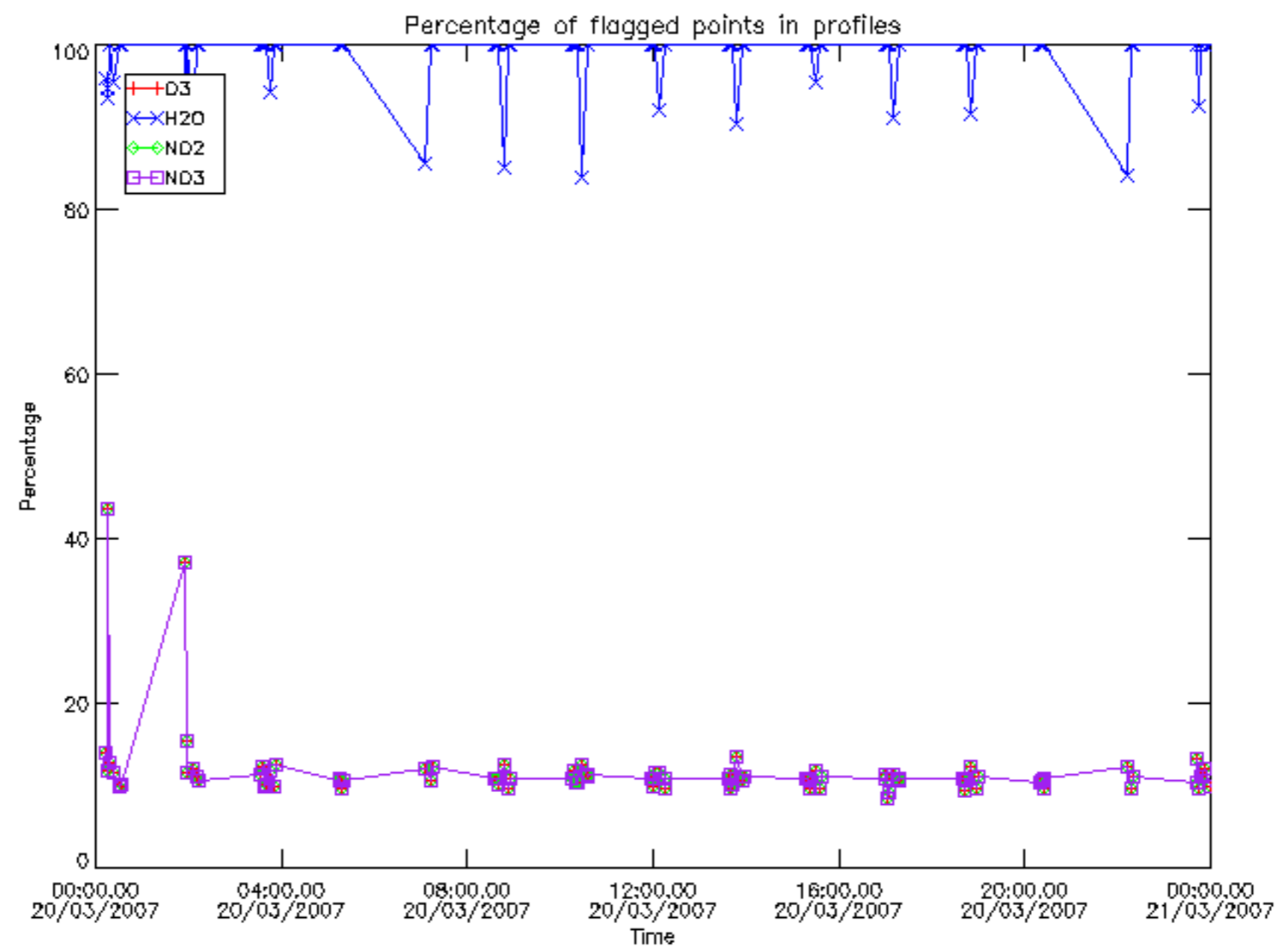




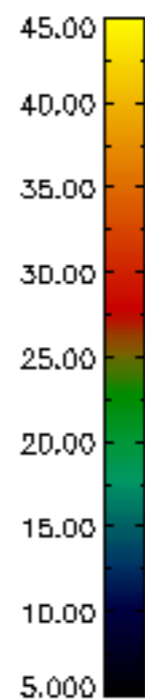
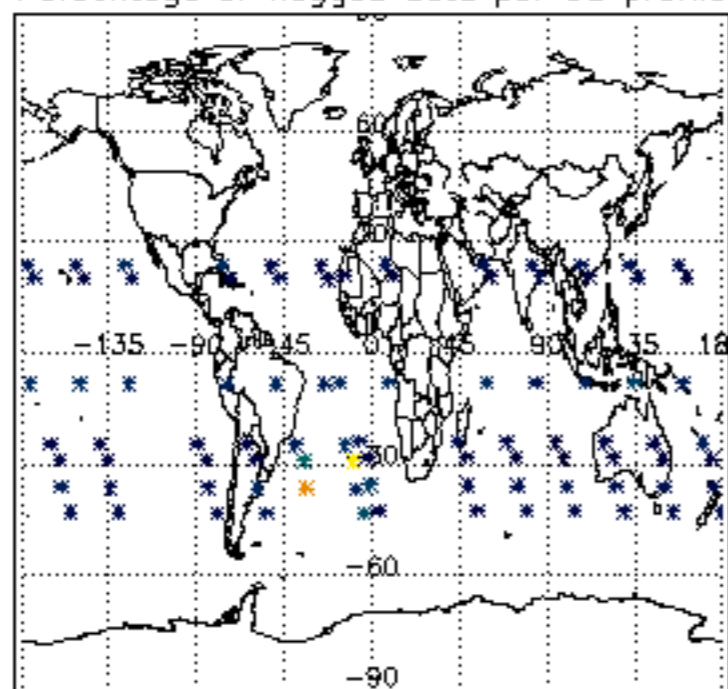




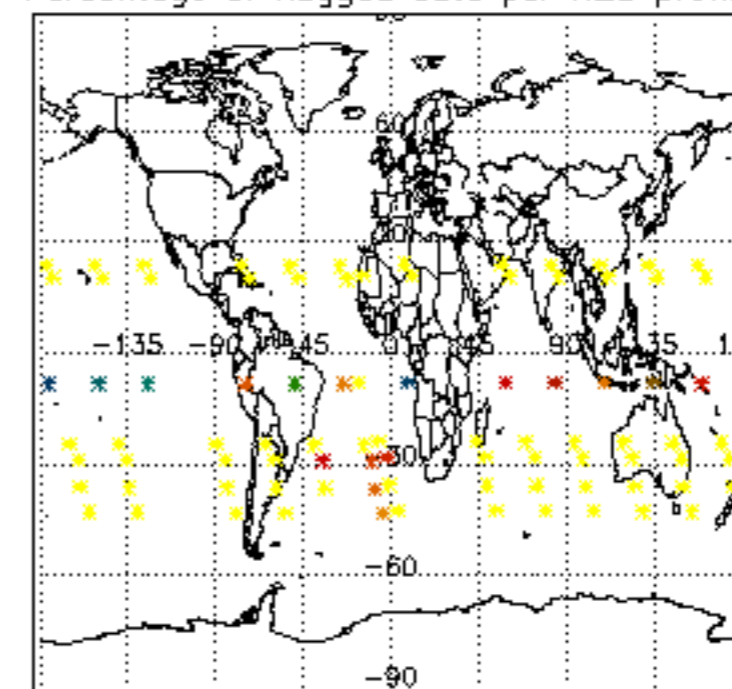




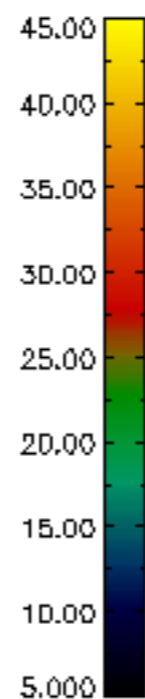
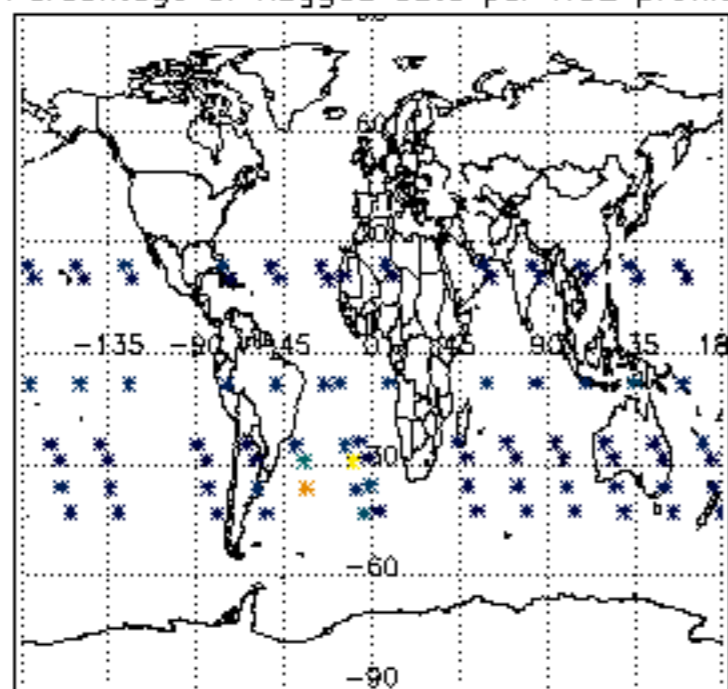
Percentage of flagged data per D3 profile



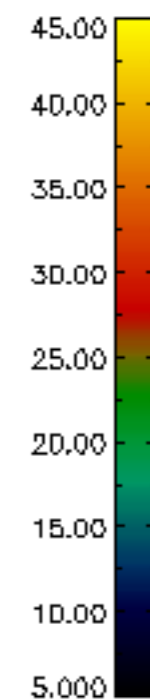
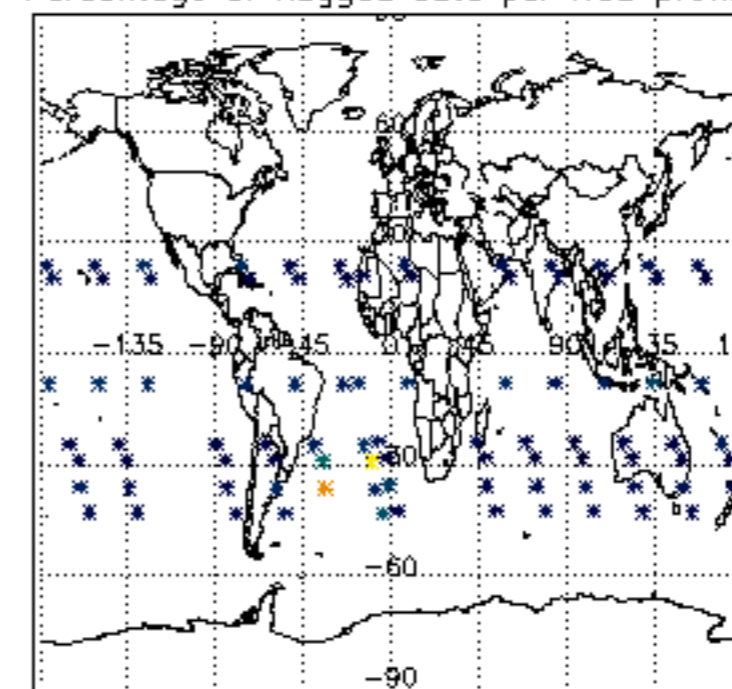
Percentage of flagged data per H2O profile

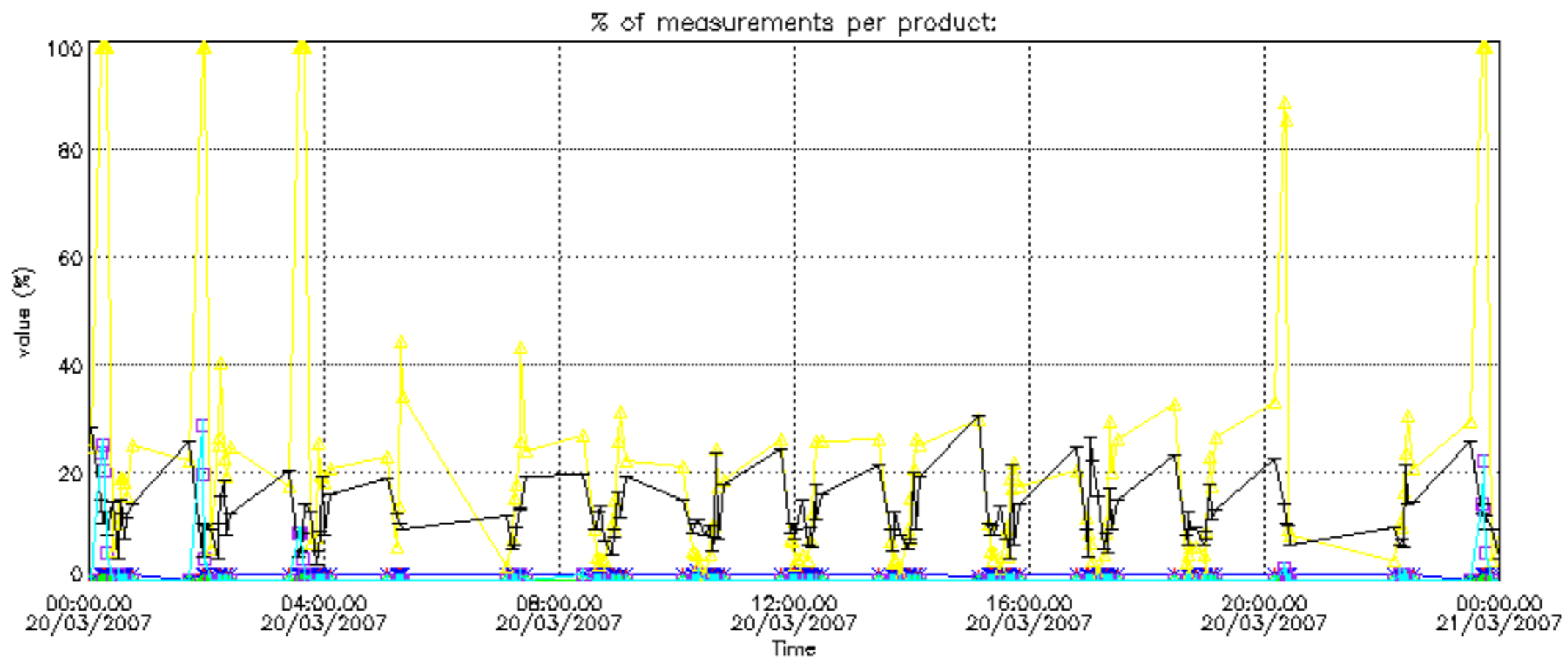


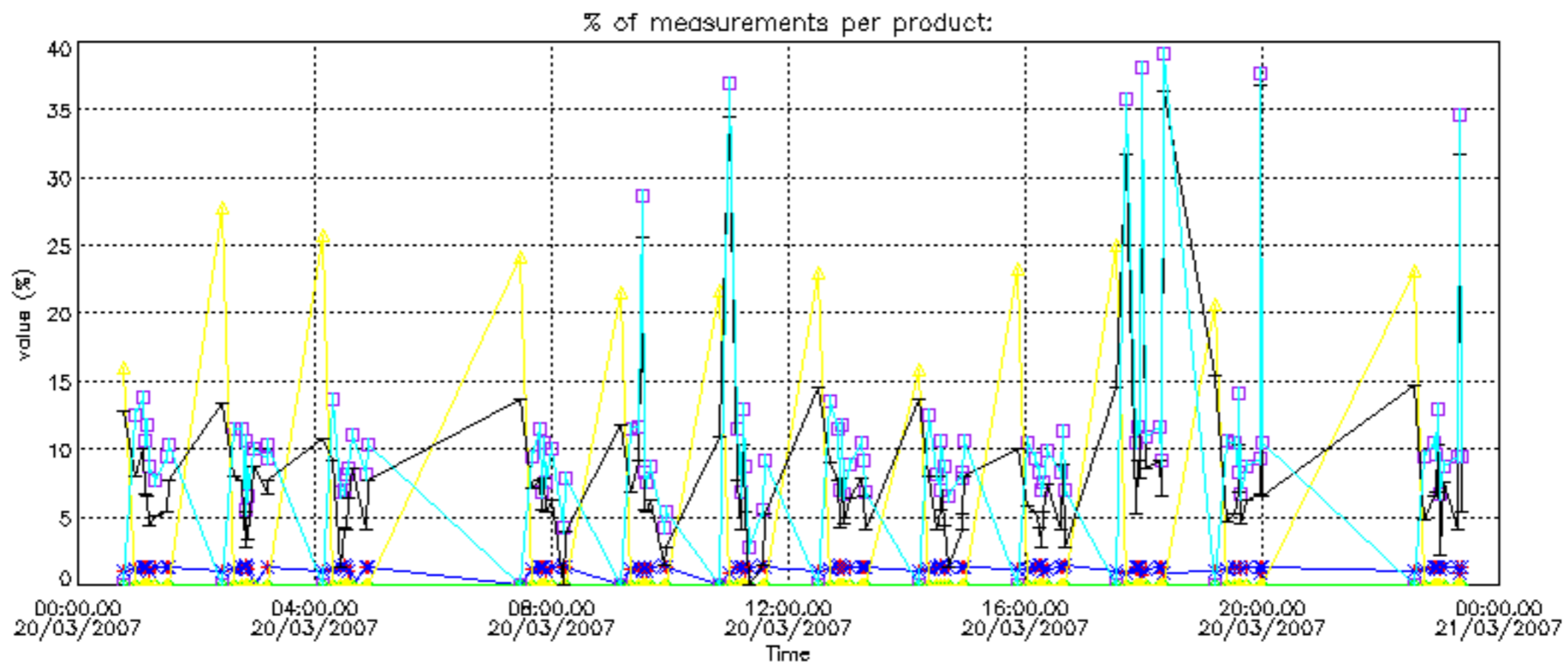
Percentage of flagged data per NO2 profile



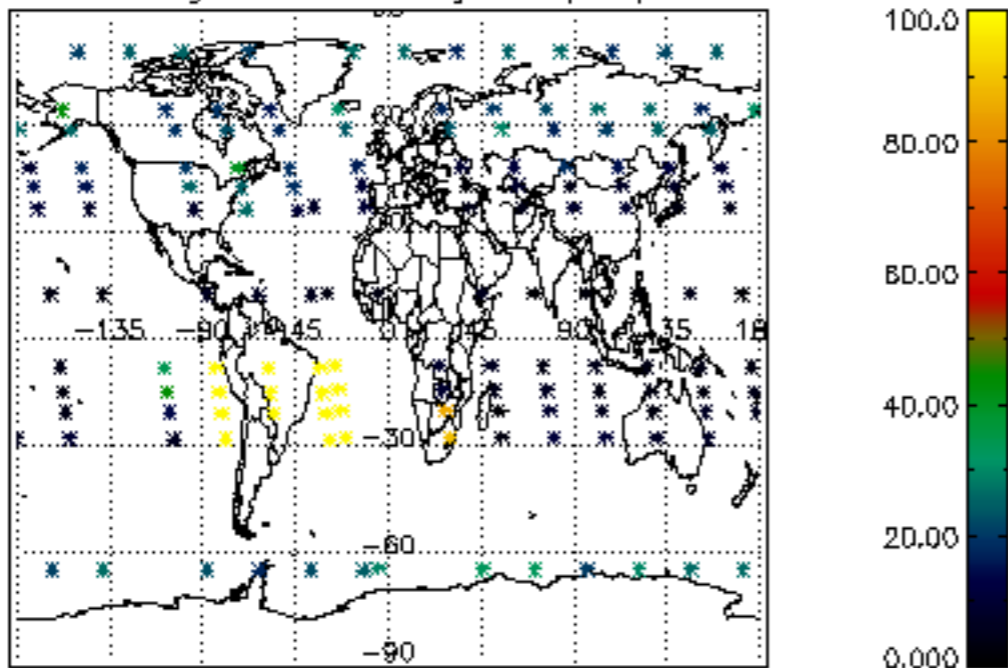
Percentage of flagged data per NO3 profile



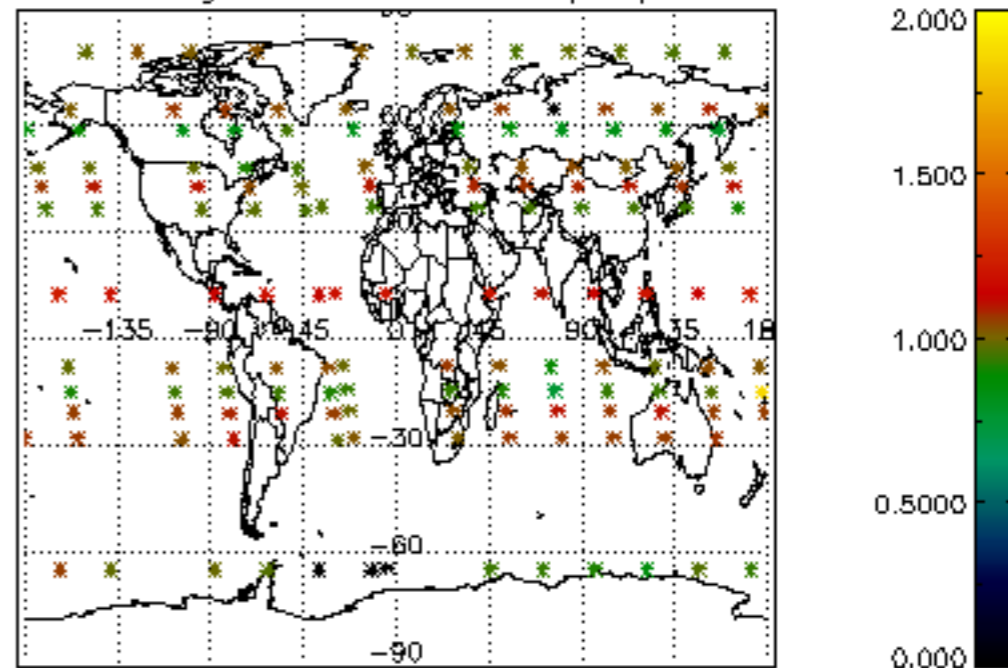




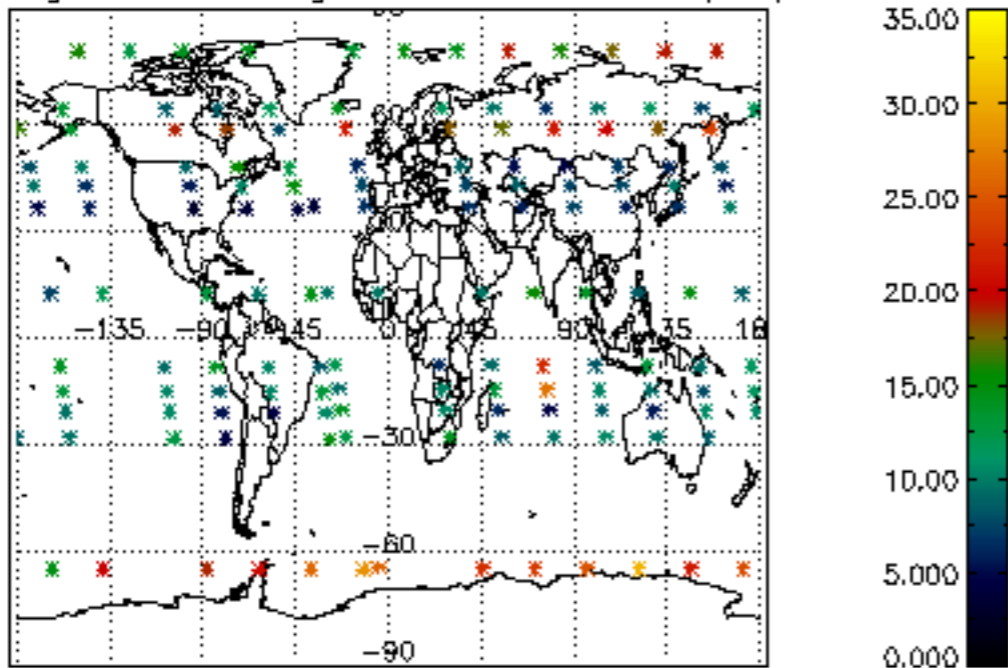
Percentage of cosmic ray hits per profile



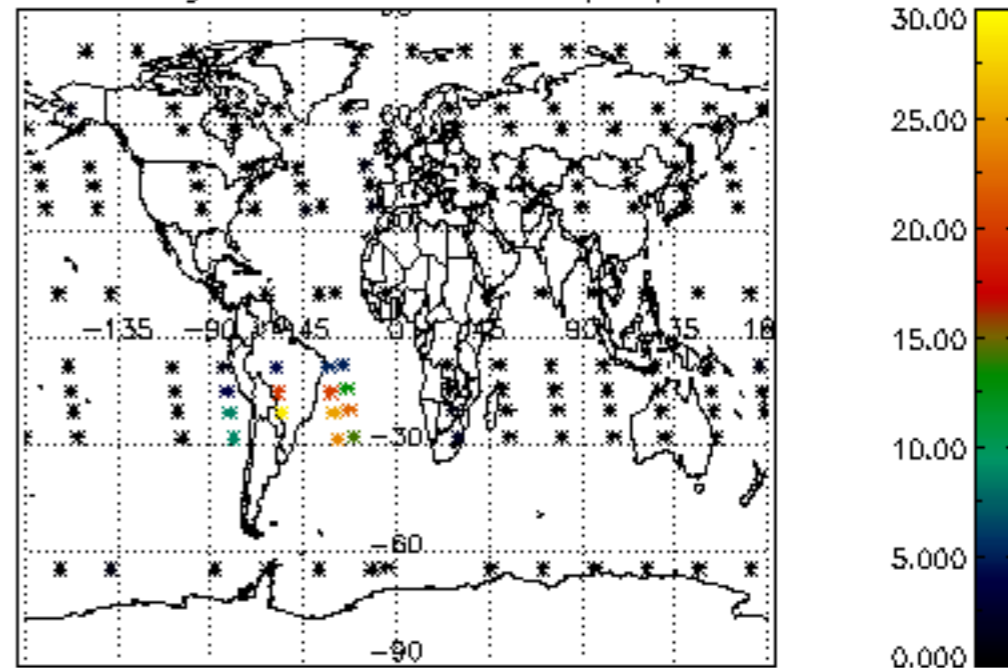
Percentage of datation errors per profile



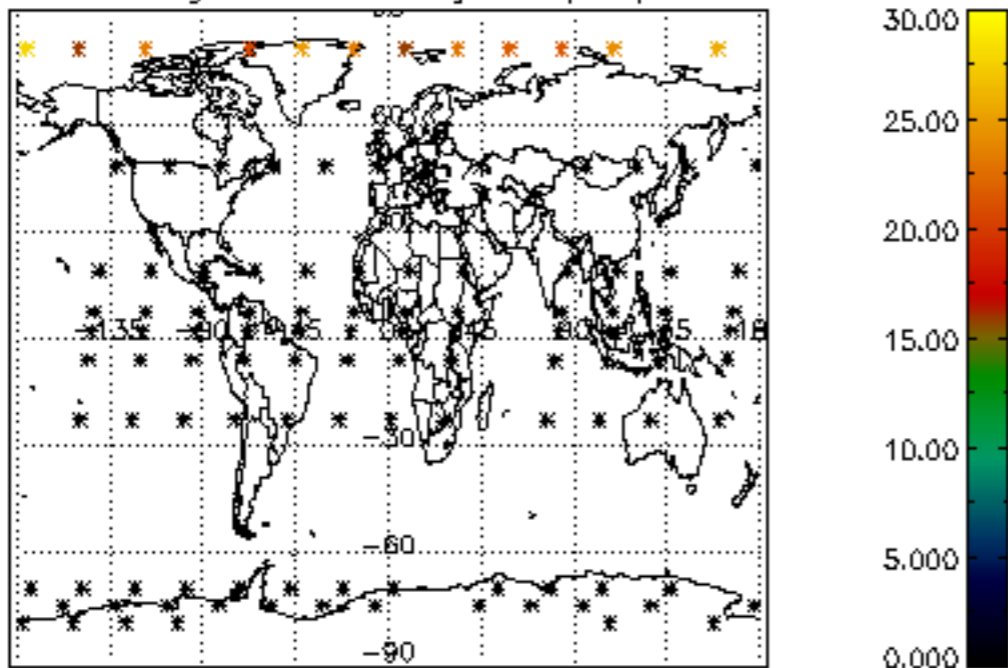
Percentage of star falling outside central band per profile



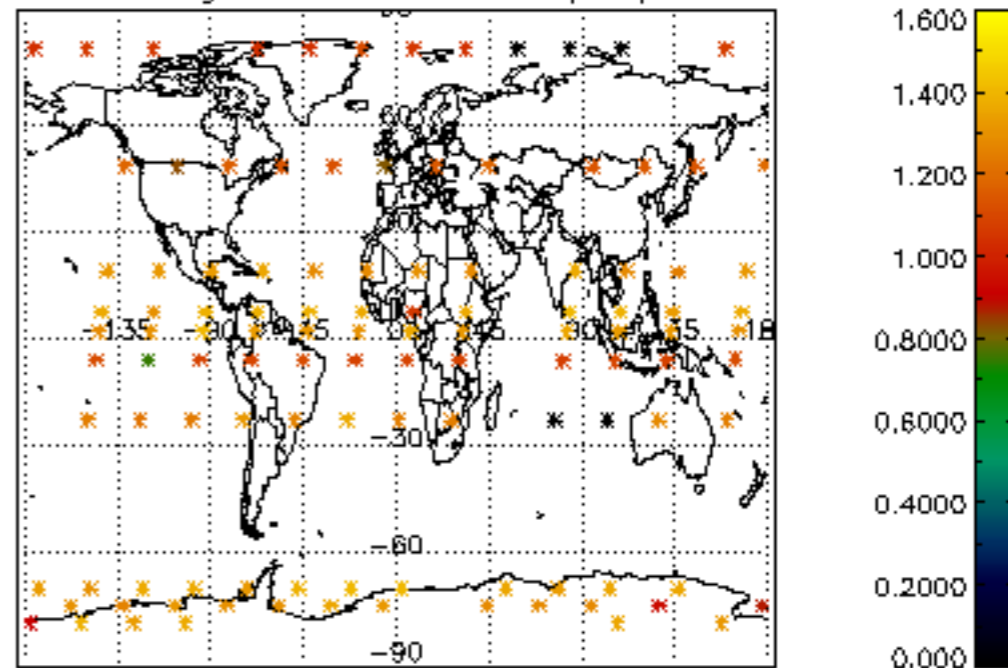
Percentage of saturation errors per profile



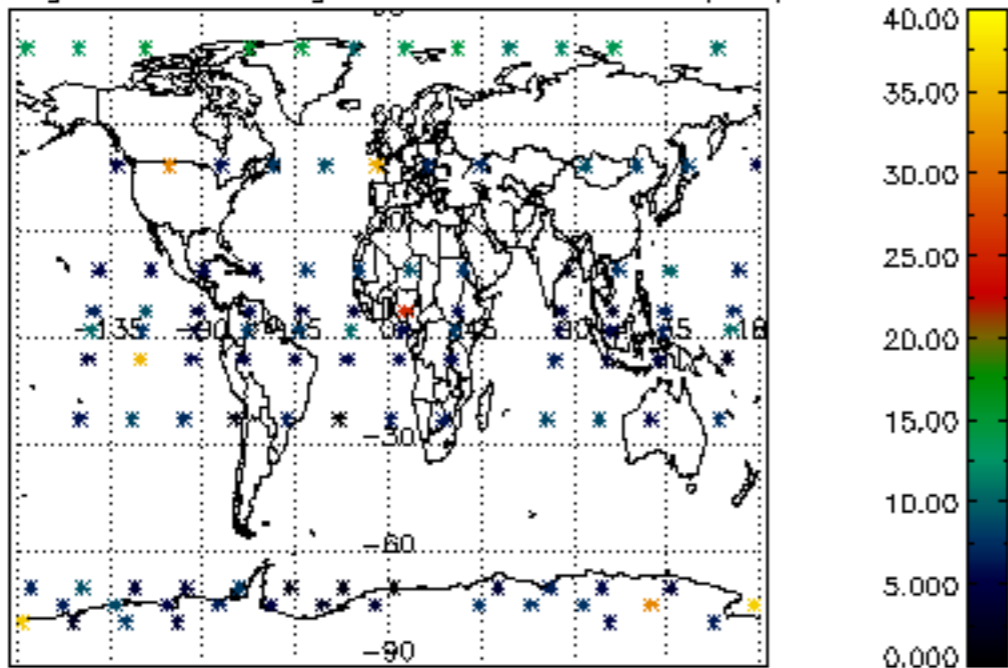
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

