

# 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 | 29APR2013 14:36:31              |
| Data source version       | GOMOS/6.01                      |
| Start time of products    | 24-08-2010 (24AUG2010 00:00:00) |
| Stop time of products     | 25-08-2010 (25AUG2010 00:00:00) |
| Store outputs in DB       | Yes                             |
| Nb of level 2 prods       | 309                             |
| 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__2PRFIN20100824_000924_000000512092_00202_44344_8620.N1 | 24-AUG-2010 00:09:24 | Bright     | 50.500   | 6       | 13Alp Aur | 0.080000 | 3400.0    | 101     | 44344 | No          |
| 2  | GOM_NL__2PRFIN20100824_001238_000000432092_00202_44344_8621.N1 | 24-AUG-2010 00:12:38 | Bright     | 42.500   | 107     | 37The Aur | 2.6490   | 11000.    | 85      | 44344 | No          |
| 3  | GOM_NL__2PRFIN20100824_001716_000000592092_00202_44344_8622.N1 | 24-AUG-2010 00:17:16 | Twilight   | 59.000   | 151     | 13Mu Gem  | 2.8900   | 3000.0    | 118     | 44344 | No          |
| 4  | GOM_NL__2PRFIN20100824_001855_000000482092_00202_44344_8623.N1 | 24-AUG-2010 00:18:55 | Twilight   | 47.500   | 44      | 24Gam Gem | 1.9280   | 11000.    | 95      | 44344 | No          |
| 5  | GOM_NL__2PRFIN20100824_002250_000000662092_00202_44344_8624.N1 | 24-AUG-2010 00:22:50 | Dark       | 66.000   | 14      | 58Alp Ori | 0.87000  | 3000.0    | 132     | 44344 | No          |
| 6  | GOM_NL__2PRFIN20100824_002624_000000562092_00202_44344_8625.N1 | 24-AUG-2010 00:26:24 | Dark       | 55.500   | 30      | 46Eps Ori | 1.6940   | 30000.    | 111     | 44344 | No          |
| 7  | GOM_NL__2PRFIN20100824_002815_000000462092_00202_44344_8626.N1 | 24-AUG-2010 00:28:15 | Dark       | 45.500   | 1       | 9Alp CMa  | -1.4400  | 11000.    | 91      | 44344 | No          |
| 8  | GOM_NL__2PRFIN20100824_002948_000000652092_00202_44344_8627.N1 | 24-AUG-2010 00:29:48 | Dark       | 64.500   | 7       | 19Bet Ori | 0.10000  | 14000.    | 129     | 44344 | No          |
| 9  | GOM_NL__2PRFIN20100824_003224_000000542092_00202_44344_8628.N1 | 24-AUG-2010 00:32:24 | Dark       | 53.500   | 139     | 9Bet Lep  | 2.8330   | 5600.0    | 107     | 44344 | No          |
| 10 | GOM_NL__2PRFIN20100824_004602_000000512092_00203_44345_8648.N1 | 24-AUG-2010 00:46:02 | Dark       | 51.000   | 157     | The1Eri   | 2.9060   | 9300.0    | 102     | 44345 | No          |
| 11 | GOM_NL__2PRFIN20100824_004909_000000442092_00203_44345_8649.N1 | 24-AUG-2010 00:49:09 | Dark       | 43.500   | 9       | Alp Eri   | 0.45300  | 24000.    | 87      | 44345 | No          |
| 12 | GOM_NL__2PRFIN20100824_005505_000000532092_00203_44345_8650.N1 | 24-AUG-2010 00:55:05 | Straylight | 52.500   | 84      | Alp Phe   | 2.3970   | 4500.0    | 105     | 44345 | No          |
| 13 | GOM_NL__2PRFIN20100824_005710_000000452092_00203_44345_8651.N1 | 24-AUG-2010 00:57:10 | Straylight | 45.000   | 63      | Bet Gru   | 2.1500   | 2800.0    | 90      | 44345 | No          |
| 14 | GOM_NL__2PRFIN20100824_010153_000000502092_00203_44345_8652.N1 | 24-AUG-2010 01:01:53 | Straylight | 50.000   | 18      | 24Alp PsA | 1.1660   | 9700.0    | 100     | 44345 | No          |
| 15 | GOM_NL__2PRFIN20100824_010704_000000472092_00203_44345_8653.N1 | 24-AUG-2010 01:07:04 | Bright     | 46.500   | 142     | 49Del Cap | 2.8500   | 8900.0    | 93      | 44345 | No          |
| 16 | GOM_NL__2PRFIN20100824_011020_000000412092_00203_44345_8654.N1 | 24-AUG-2010 01:10:20 | Bright     | 40.500   | 154     | 22Bet Aqr | 2.8990   | 5700.0    | 81      | 44345 | No          |
| 17 | GOM_NL__2PRFIN20100824_011203_000000442092_00203_44345_8655.N1 | 24-AUG-2010 01:12:03 | Bright     | 44.000   | 162     | 34Alp Aqr | 2.9440   | 5350.0    | 88      | 44345 | No          |
| 18 | GOM_NL__2PRFIN20100824_011507_000000402092_00203_44345_8656.N1 | 24-AUG-2010 01:15:07 | Bright     | 39.500   | 61      | 8Eps Peg  | 2.1000   | 3900.0    | 79      | 44345 | No          |
| 19 | GOM_NL__2PRFIN20100824_012147_000000402092_00203_44345_8657.N1 | 24-AUG-2010 01:21:47 | Bright     | 39.500   | 92      | 53Eps Cyg | 2.5000   | 4500.0    | 79      | 44345 | No          |
| 20 | GOM_NL__2PRFIN20100824_012500_000000372092_00203_44345_8658.N1 | 24-AUG-2010 01:25:00 | Bright     | 36.500   | 19      | 50Alp Cyg | 1.2460   | 10500.    | 73      | 44345 | No          |
| 21 | GOM_NL__2PRFIN20100824_013011_000000392092_00203_44345_8659.N1 | 24-AUG-2010 01:30:11 | Bright     | 38.500   | 89      | 5Alp Cep  | 2.4510   | 8000.0    | 77      | 44345 | No          |
| 22 | GOM_NL__2PRFIN20100824_013403_000000472092_00203_44345_8660.N1 | 24-AUG-2010 01:34:03 | Bright     | 46.500   | 74      | 11Bet Cas | 2.2680   | 6600.0    | 93      | 44345 | No          |
| 23 | GOM_NL__2PRFIN20100824_013616_000000282092_00203_44345_8661.N1 | 24-AUG-2010 01:36:16 | Twilight   | 28.000   | 76      | 27Gam Cas | 2.3000   | 30000.    | 56      | 44345 | No          |
| 24 | GOM_NL__2PRFIN20100824_014959_000000552092_00203_44345_8662.N1 | 24-AUG-2010 01:49:59 | Bright     | 55.000   | 6       | 13Alp Aur | 0.080000 | 3400.0    | 110     | 44345 | No          |
| 25 | GOM_NL__2PRFIN20100824_015314_000000412092_00203_44345_8663.N1 | 24-AUG-2010 01:53:14 | Bright     | 40.500   | 107     | 37The Aur | 2.6490   | 11000.    | 81      | 44345 | No          |
| 26 | GOM_NL__2PRFIN20100824_015752_000000522092_00203_44345_8664.N1 | 24-AUG-2010 01:57:52 | Twilight   | 52.000   | 151     | 13Mu Gem  | 2.8900   | 3000.0    | 104     | 44345 | No          |
| 27 | GOM_NL__2PRFIN20100824_015931_000000462092_00203_44345_8665.N1 | 24-AUG-2010 01:59:31 | Twilight   | 46.000   | 44      | 24Gam Gem | 1.9280   | 11000.    | 92      | 44345 | No          |
| 28 | GOM_NL__2PRFIN20100824_020327_000000552092_00203_44345_8666.N1 | 24-AUG-2010 02:03:27 | Dark       | 55.000   | 14      | 58Alp Ori | 0.87000  | 3000.0    | 110     | 44345 | No          |
| 29 | GOM_NL__2PRFIN20100824_020701_000000562092_00203_44345_8667.N1 | 24-AUG-2010 02:07:01 | Dark       | 55.500   | 30      | 46Eps Ori | 1.6940   | 30000.    | 111     | 44345 | No          |
| 30 | GOM_NL__2PRFIN20100824_020851_000000482092_00203_44345_8668.N1 | 24-AUG-2010 02:08:51 | Dark       | 48.000   | 1       | 9Alp CMa  | -1.4400  | 11000.    | 96      | 44345 | No          |
| 31 | GOM_NL__2PRFIN20100824_021025_000000652092_00203_44345_8669.N1 | 24-AUG-2010 02:10:25 | Dark       | 65.000   | 7       | 19Bet Ori | 0.10000  | 14000.    | 130     | 44345 | No          |
| 32 | GOM_NL__2PRFIN20100824_021300_000000462092_00203_44345_8670.N1 | 24-AUG-2010 02:13:00 | Dark       | 45.500   | 139     | 9Bet Lep  | 2.8330   | 5600.0    | 91      | 44345 | No          |
| 33 | GOM_NL__2PRFIN20100824_022639_000000532092_00204_44346_8656.N1 | 24-AUG-2010 02:26:39 | Dark       | 53.000   | 157     | The1Eri   | 2.9060   | 9300.0    | 106     | 44346 | No          |
| 34 | GOM_NL__2PRFIN20100824_022946_000000522092_00204_44346_8657.N1 | 24-AUG-2010 02:29:46 | Dark       | 52.000   | 9       | Alp Eri   | 0.45300  | 24000.    | 104     | 44346 | No          |
| 35 | GOM_NL__2PRFIN20100824_023542_000000542092_00204_44346_8658.N1 | 24-AUG-2010 02:35:42 | Straylight | 53.500   | 84      | Alp Phe   | 2.3970   | 4500.0    | 107     | 44346 | No          |
| 36 | GOM_NL__2PRFIN20100824_023746_000000442092_00204_44346_8659.N1 | 24-AUG-2010 02:37:46 | Straylight | 44.000   | 63      | Bet Gru   | 2.1500   | 2800.0    | 88      | 44346 | No          |
| 37 | GOM_NL__2PRFIN20100824_024229_000000522092_00204_44346_8660.N1 | 24-AUG-2010 02:42:29 | Straylight | 51.500   | 18      | 24Alp PsA | 1.1660   | 9700.0    | 103     | 44346 | No          |
| 38 | GOM_NL__2PRFIN20100824_024740_000000462092_00204_44346_8661.N1 | 24-AUG-2010 02:47:40 | Bright     | 46.000   | 142     | 49Del Cap | 2.8500   | 8900.0    | 92      | 44346 | No          |
| 39 | GOM_NL__2PRFIN20100824_025056_000000402092_00204_44346_8662.N1 | 24-AUG-2010 02:50:56 | Bright     | 39.500   | 154     | 22Bet Aqr | 2.8990   | 5700.0    | 79      | 44346 | No          |
| 40 | GOM_NL__2PRFIN20100824_025239_000000432092_00204_44346_8663.N1 | 24-AUG-2010 02:52:39 | Bright     | 43.000   | 162     | 34Alp Aqr | 2.9440   | 5350.0    | 86      | 44346 | No          |
| 41 | GOM_NL__2PRFIN20100824_025543_000000402092_00204_44346_8664.N1 | 24-AUG-2010 02:55:43 | Bright     | 40.000   | 61      | 8Eps Peg  | 2.1000   | 3900.0    | 80      | 44346 | No          |
| 42 | GOM_NL__2PRFIN20100824_030223_000000402092_00204_44346_8665.N1 | 24-AUG-2010 03:02:23 | Bright     | 40.000   | 92      | 53Eps Cyg | 2.5000   | 4500.0    | 80      | 44346 | No          |

|     |  |                      |                |        |     |           |          |        |     |       |    |
|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 43  | GOM_NL__2PRFIN20100824_030535_000000392092_00204_44346_8666.N1 | 24-AUG-2010 03:05:35 | Bright         | 39.000 | 19  | 50Alp Cyg | 1.2460   | 10500. | 78  | 44346 | No |
| 44  | GOM_NL__2PRFIN20100824_031047_000000362092_00204_44346_8667.N1 | 24-AUG-2010 03:10:47 | Bright         | 36.000 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 72  | 44346 | No |
| 45  | GOM_NL__2PRFIN20100824_031438_000000422092_00204_44346_8668.N1 | 24-AUG-2010 03:14:38 | Bright         | 42.000 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 84  | 44346 | No |
| 46  | GOM_NL__2PRFIN20100824_031651_000000292092_00204_44346_8669.N1 | 24-AUG-2010 03:16:51 | Tw_i_and_stray | 28.500 | 76  | 27Gam Cas | 2.3000   | 30000. | 57  | 44346 | No |
| 47  | GOM_NL__2PRFIN20100824_033035_000000562092_00204_44346_8670.N1 | 24-AUG-2010 03:30:35 | Bright         | 55.500 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 111 | 44346 | No |
| 48  | GOM_NL__2PRFIN20100824_033350_000000422092_00204_44346_8671.N1 | 24-AUG-2010 03:33:50 | Bright         | 41.500 | 107 | 37The Aur | 2.6490   | 11000. | 83  | 44346 | No |
| 49  | GOM_NL__2PRFIN20100824_033828_000000552092_00204_44346_8672.N1 | 24-AUG-2010 03:38:28 | Tw_i_and_stray | 54.500 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 109 | 44346 | No |
| 50  | GOM_NL__2PRFIN20100824_034007_000000432092_00204_44346_8673.N1 | 24-AUG-2010 03:40:07 | Tw_i_and_stray | 43.000 | 44  | 24Gam Gem | 1.9280   | 11000. | 86  | 44346 | No |
| 51  | GOM_NL__2PRFIN20100824_034403_000000592092_00204_44346_8674.N1 | 24-AUG-2010 03:44:03 | Dark           | 58.500 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 117 | 44346 | No |
| 52  | GOM_NL__2PRFIN20100824_034737_000000562092_00204_44346_8675.N1 | 24-AUG-2010 03:47:37 | Dark           | 55.500 | 30  | 46Eps Ori | 1.6940   | 30000. | 111 | 44346 | No |
| 53  | GOM_NL__2PRFIN20100824_034927_000000462092_00204_44346_8676.N1 | 24-AUG-2010 03:49:27 | Dark           | 46.000 | 1   | 9Alp CMa  | -1.4400  | 11000. | 92  | 44346 | No |
| 54  | GOM_NL__2PRFIN20100824_035102_000000722092_00204_44346_8677.N1 | 24-AUG-2010 03:51:02 | Dark           | 72.000 | 7   | 19Bet Ori | 0.10000  | 14000. | 144 | 44346 | No |
| 55  | GOM_NL__2PRFIN20100824_035337_000000532092_00204_44346_8678.N1 | 24-AUG-2010 03:53:37 | Dark           | 53.000 | 139 | 9Bet Lep  | 2.8330   | 5600.0 | 106 | 44346 | No |
| 56  | GOM_NL__2PRFIN20100824_040716_000000552092_00205_44347_8665.N1 | 24-AUG-2010 04:07:16 | Dark           | 54.500 | 157 | The1Eri   | 2.9060   | 9300.0 | 109 | 44347 | No |
| 57  | GOM_NL__2PRFIN20100824_041022_000000442092_00205_44347_8666.N1 | 24-AUG-2010 04:10:22 | Dark           | 44.000 | 9   | Alp Eri   | 0.45300  | 24000. | 88  | 44347 | No |
| 58  | GOM_NL__2PRFIN20100824_041618_000000572092_00205_44347_8667.N1 | 24-AUG-2010 04:16:18 | Straylight     | 57.000 | 84  | Alp Phe   | 2.3970   | 4500.0 | 114 | 44347 | No |
| 59  | GOM_NL__2PRFIN20100824_041822_000000552092_00205_44347_8668.N1 | 24-AUG-2010 04:18:22 | Straylight     | 54.500 | 63  | Bet Gru   | 2.1500   | 2800.0 | 109 | 44347 | No |
| 60  | GOM_NL__2PRFIN20100824_042305_000000522092_00205_44347_8669.N1 | 24-AUG-2010 04:23:05 | Straylight     | 51.500 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 103 | 44347 | No |
| 61  | GOM_NL__2PRFIN20100824_042816_000000452092_00205_44347_8670.N1 | 24-AUG-2010 04:28:16 | Bright         | 44.500 | 142 | 49Del Cap | 2.8500   | 8900.0 | 89  | 44347 | No |
| 62  | GOM_NL__2PRFIN20100824_043132_000000412092_00205_44347_8671.N1 | 24-AUG-2010 04:31:32 | Bright         | 40.500 | 154 | 22Bet Aqr | 2.8990   | 5700.0 | 81  | 44347 | No |
| 63  | GOM_NL__2PRFIN20100824_043315_000000472092_00205_44347_8672.N1 | 24-AUG-2010 04:33:15 | Bright         | 47.000 | 162 | 34Alp Aqr | 2.9440   | 5350.0 | 94  | 44347 | No |
| 64  | GOM_NL__2PRFIN20100824_043619_000000412092_00205_44347_8673.N1 | 24-AUG-2010 04:36:19 | Bright         | 40.500 | 61  | 8Eps Peg  | 2.1000   | 3900.0 | 81  | 44347 | No |
| 65  | GOM_NL__2PRFIN20100824_044259_000000382092_00205_44347_8674.N1 | 24-AUG-2010 04:42:59 | Bright         | 38.000 | 92  | 53Eps Cyg | 2.5000   | 4500.0 | 76  | 44347 | No |
| 66  | GOM_NL__2PRFIN20100824_044611_000000362092_00205_44347_8675.N1 | 24-AUG-2010 04:46:11 | Bright         | 35.500 | 19  | 50Alp Cyg | 1.2460   | 10500. | 71  | 44347 | No |
| 67  | GOM_NL__2PRFIN20100824_045122_000000382092_00205_44347_8676.N1 | 24-AUG-2010 04:51:22 | Bright         | 38.000 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 76  | 44347 | No |
| 68  | GOM_NL__2PRFIN20100824_045513_000000482092_00205_44347_8677.N1 | 24-AUG-2010 04:55:13 | Bright         | 47.500 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 95  | 44347 | No |
| 69  | GOM_NL__2PRFIN20100824_045726_000000292092_00205_44347_8678.N1 | 24-AUG-2010 04:57:26 | Tw_i_and_stray | 28.500 | 76  | 27Gam Cas | 2.3000   | 30000. | 57  | 44347 | No |
| 70  | GOM_NL__2PRFIN20100824_051111_000000502092_00205_44347_8679.N1 | 24-AUG-2010 05:11:11 | Bright         | 50.000 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 100 | 44347 | No |
| 71  | GOM_NL__2PRFIN20100824_051426_000000422092_00205_44347_8680.N1 | 24-AUG-2010 05:14:26 | Bright         | 42.000 | 107 | 37The Aur | 2.6490   | 11000. | 84  | 44347 | No |
| 72  | GOM_NL__2PRFIN20100824_051904_000000482092_00205_44347_8681.N1 | 24-AUG-2010 05:19:04 | Tw_i_and_stray | 48.000 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 96  | 44347 | No |
| 73  | GOM_NL__2PRFIN20100824_052043_000000432092_00205_44347_8682.N1 | 24-AUG-2010 05:20:43 | Tw_i_and_stray | 42.500 | 44  | 24Gam Gem | 1.9280   | 11000. | 85  | 44347 | No |
| 74  | GOM_NL__2PRFIN20100824_052440_000000572092_00205_44347_8683.N1 | 24-AUG-2010 05:24:40 | Dark           | 57.000 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 114 | 44347 | No |
| 75  | GOM_NL__2PRFIN20100824_052814_000000562092_00205_44347_8684.N1 | 24-AUG-2010 05:28:14 | Dark           | 56.000 | 30  | 46Eps Ori | 1.6940   | 30000. | 112 | 44347 | No |
| 76  | GOM_NL__2PRFIN20100824_053004_000000492092_00205_44347_8685.N1 | 24-AUG-2010 05:30:04 | Dark           | 49.000 | 1   | 9Alp CMa  | -1.4400  | 11000. | 98  | 44347 | No |
| 77  | GOM_NL__2PRFIN20100824_053139_000000632092_00205_44347_8686.N1 | 24-AUG-2010 05:31:39 | Dark           | 63.000 | 7   | 19Bet Ori | 0.10000  | 14000. | 126 | 44347 | No |
| 78  | GOM_NL__2PRFIN20100824_053414_000000512092_00205_44347_8687.N1 | 24-AUG-2010 05:34:14 | Dark           | 50.500 | 139 | 9Bet Lep  | 2.8330   | 5600.0 | 101 | 44347 | No |
| 79  | GOM_NL__2PRFIN20100824_054753_000000532092_00206_44348_8675.N1 | 24-AUG-2010 05:47:53 | Dark           | 53.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 106 | 44348 | No |
| 80  | GOM_NL__2PRFIN20100824_055059_000000452092_00206_44348_8676.N1 | 24-AUG-2010 05:50:59 | Dark           | 45.000 | 9   | Alp Eri   | 0.45300  | 24000. | 90  | 44348 | No |
| 81  | GOM_NL__2PRFIN20100824_055655_000000532092_00206_44348_8677.N1 | 24-AUG-2010 05:56:55 | Straylight     | 52.500 | 84  | Alp Phe   | 2.3970   | 4500.0 | 105 | 44348 | No |
| 82  | GOM_NL__2PRFIN20100824_055859_000000552092_00206_44348_8678.N1 | 24-AUG-2010 05:58:59 | Straylight     | 54.500 | 63  | Bet Gru   | 2.1500   | 2800.0 | 109 | 44348 | No |
| 83  | GOM_NL__2PRFIN20100824_060342_000000532092_00206_44348_8679.N1 | 24-AUG-2010 06:03:42 | Straylight     | 53.000 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 106 | 44348 | No |
| 84  | GOM_NL__2PRFIN20100824_060852_000000442092_00206_44348_8680.N1 | 24-AUG-2010 06:08:52 | Bright         | 43.500 | 142 | 49Del Cap | 2.8500   | 8900.0 | 87  | 44348 | No |
| 85  | GOM_NL__2PRFIN20100824_061208_000000402092_00206_44348_8681.N1 | 24-AUG-2010 06:12:08 | Bright         | 39.500 | 154 | 22Bet Aqr | 2.8990   | 5700.0 | 79  | 44348 | No |
| 86  | GOM_NL__2PRFIN20100824_061351_000000442092_00206_44348_8682.N1 | 24-AUG-2010 06:13:51 | Bright         | 43.500 | 162 | 34Alp Aqr | 2.9440   | 5350.0 | 87  | 44348 | No |
| 87  | GOM_NL__2PRFIN20100824_061654_000000412092_00206_44348_8683.N1 | 24-AUG-2010 06:16:54 | Bright         | 40.500 | 61  | 8Eps Peg  | 2.1000   | 3900.0 | 81  | 44348 | No |
| 88  | GOM_NL__2PRFIN20100824_062335_000000362092_00206_44348_8684.N1 | 24-AUG-2010 06:23:35 | Bright         | 35.500 | 92  | 53Eps Cyg | 2.5000   | 4500.0 | 71  | 44348 | No |
| 89  | GOM_NL__2PRFIN20100824_062647_000000402092_00206_44348_8685.N1 | 24-AUG-2010 06:26:47 | Bright         | 39.500 | 19  | 50Alp Cyg | 1.2460   | 10500. | 79  | 44348 | No |
| 90  | GOM_NL__2PRFIN20100824_063159_000000372092_00206_44348_8686.N1 | 24-AUG-2010 06:31:59 | Bright         | 36.500 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 73  | 44348 | No |
| 91  | GOM_NL__2PRFIN20100824_063549_000000452092_00206_44348_8687.N1 | 24-AUG-2010 06:35:49 | Bright         | 44.500 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 89  | 44348 | No |
| 92  | GOM_NL__2PRFIN20100824_063802_000000312092_00206_44348_8688.N1 | 24-AUG-2010 06:38:02 | Tw_i_and_stray | 30.500 | 76  | 27Gam Cas | 2.3000   | 30000. | 61  | 44348 | No |
| 93  | GOM_NL__2PRFIN20100824_065147_000000512092_00206_44348_8689.N1 | 24-AUG-2010 06:51:47 | Bright         | 51.000 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 102 | 44348 | No |
| 94  | GOM_NL__2PRFIN20100824_065502_000000622092_00206_44348_8690.N1 | 24-AUG-2010 06:55:02 | Bright         | 62.000 | 107 | 37The Aur | 2.6490   | 11000. | 124 | 44348 | No |
| 95  | GOM_NL__2PRFIN20100824_065940_000000532092_00206_44348_8691.N1 | 24-AUG-2010 06:59:40 | Tw_i_and_stray | 52.500 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 105 | 44348 | No |
| 96  | GOM_NL__2PRFIN20100824_070120_000000452092_00206_44348_8692.N1 | 24-AUG-2010 07:01:20 | Tw_i_and_stray | 45.000 | 44  | 24Gam Gem | 1.9280   | 11000. | 90  | 44348 | No |
| 97  | GOM_NL__2PRFIN20100824_070516_000000612092_00206_44348_8693.N1 | 24-AUG-2010 07:05:16 | Dark           | 60.500 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 121 | 44348 | No |
| 98  | GOM_NL__2PRFIN20100824_070851_000000542092_00206_44348_8694.N1 | 24-AUG-2010 07:08:51 | Dark           | 54.000 | 30  | 46Eps Ori | 1.6940   | 30000. | 108 | 44348 | No |
| 99  | GOM_NL__2PRFIN20100824_071041_000000492092_00206_44348_8695.N1 | 24-AUG-2010 07:10:41 | Dark           | 48.500 | 1   | 9Alp CMa  | -1.4400  | 11000. | 97  | 44348 | No |
| 100 | GOM_NL__2PRFIN20100824_071216_000000642092_00206_44348_8696.N1 | 24-AUG-2010 07:12:16 | Dark           | 63.500 | 7   | 19Bet Ori | 0.10000  | 14000. | 127 | 44348 | No |
| 101 | GOM_NL__2PRFIN20100824_071351_000000502092_00206_44348_8697.N1 | 24-AUG-2010 07:13:51 | Dark           | 50.000 | 101 | 11Alp Lep | 2.5820   | 7000.0 | 100 | 44348 | No |

|     |  |                      |                |        |     |           |          |        |     |       |    |
|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20100824_072830_000000532092_00207_44349_8700.N1 | 24-AUG-2010 07:28:30 | Dark           | 53.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 106 | 44349 | No |
| 103 | GOM_NL__2PRFIN20100824_073136_000000482092_00207_44349_8701.N1 | 24-AUG-2010 07:31:36 | Dark           | 47.500 | 9   | Alp Eri   | 0.45300  | 24000. | 95  | 44349 | No |
| 104 | GOM_NL__2PRFIN20100824_073732_000000622092_00207_44349_8702.N1 | 24-AUG-2010 07:37:32 | Straylight     | 62.000 | 84  | Alp Phe   | 2.3970   | 4500.0 | 124 | 44349 | No |
| 105 | GOM_NL__2PRFIN20100824_073935_000000562092_00207_44349_8703.N1 | 24-AUG-2010 07:39:35 | Straylight     | 55.500 | 63  | Bet Gru   | 2.1500   | 2800.0 | 111 | 44349 | No |
| 106 | GOM_NL__2PRFIN20100824_074418_000000512092_00207_44349_8704.N1 | 24-AUG-2010 07:44:18 | Straylight     | 51.000 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 102 | 44349 | No |
| 107 | GOM_NL__2PRFIN20100824_074928_000000462092_00207_44349_8705.N1 | 24-AUG-2010 07:49:28 | Bright         | 45.500 | 142 | 49Del Cap | 2.8500   | 8900.0 | 91  | 44349 | No |
| 108 | GOM_NL__2PRFIN20100824_075243_000000402092_00207_44349_8706.N1 | 24-AUG-2010 07:52:43 | Bright         | 39.500 | 154 | 22Bet Aqr | 2.8990   | 5700.0 | 79  | 44349 | No |
| 109 | GOM_NL__2PRFIN20100824_075426_000000452092_00207_44349_8707.N1 | 24-AUG-2010 07:54:26 | Bright         | 45.000 | 162 | 34Alp Aqr | 2.9440   | 5350.0 | 90  | 44349 | No |
| 110 | GOM_NL__2PRFIN20100824_075730_000000412092_00207_44349_8708.N1 | 24-AUG-2010 07:57:30 | Bright         | 41.000 | 61  | 8Eps Peg  | 2.1000   | 3900.0 | 82  | 44349 | No |
| 111 | GOM_NL__2PRFIN20100824_080411_000000352092_00207_44349_8709.N1 | 24-AUG-2010 08:04:11 | Bright         | 35.000 | 92  | 53Eps Cyg | 2.5000   | 4500.0 | 70  | 44349 | No |
| 112 | GOM_NL__2PRFIN20100824_080723_000000392092_00207_44349_8710.N1 | 24-AUG-2010 08:07:23 | Bright         | 38.500 | 19  | 50Alp Cyg | 1.2460   | 10500. | 77  | 44349 | No |
| 113 | GOM_NL__2PRFIN20100824_081234_000000382092_00207_44349_8711.N1 | 24-AUG-2010 08:12:34 | Bright         | 37.500 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 75  | 44349 | No |
| 114 | GOM_NL__2PRFIN20100824_081624_000000432092_00207_44349_8712.N1 | 24-AUG-2010 08:16:24 | Bright         | 43.000 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 86  | 44349 | No |
| 115 | GOM_NL__2PRFIN20100824_081837_000000312092_00207_44349_8713.N1 | 24-AUG-2010 08:18:37 | Tw_i_and_stray | 31.000 | 76  | 27Gam Cas | 2.3000   | 30000. | 62  | 44349 | No |
| 116 | GOM_NL__2PRFIN20100824_083223_000000552092_00207_44349_8714.N1 | 24-AUG-2010 08:32:23 | Bright         | 54.500 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 109 | 44349 | No |
| 117 | GOM_NL__2PRFIN20100824_083538_000000422092_00207_44349_8715.N1 | 24-AUG-2010 08:35:38 | Bright         | 42.000 | 107 | 37The Aur | 2.6490   | 11000. | 84  | 44349 | No |
| 118 | GOM_NL__2PRFIN20100824_084017_000000502092_00207_44349_8716.N1 | 24-AUG-2010 08:40:17 | Tw_i_and_stray | 49.500 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 99  | 44349 | No |
| 119 | GOM_NL__2PRFIN20100824_084156_000000442092_00207_44349_8717.N1 | 24-AUG-2010 08:41:56 | Tw_i_and_stray | 44.000 | 44  | 24Gam Gem | 1.9280   | 11000. | 88  | 44349 | No |
| 120 | GOM_NL__2PRFIN20100824_084553_000000662092_00207_44349_8718.N1 | 24-AUG-2010 08:45:53 | Dark           | 65.500 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 131 | 44349 | No |
| 121 | GOM_NL__2PRFIN20100824_084928_000000572092_00207_44349_8719.N1 | 24-AUG-2010 08:49:28 | Dark           | 57.000 | 30  | 46Eps Ori | 1.6940   | 30000. | 114 | 44349 | No |
| 122 | GOM_NL__2PRFIN20100824_085117_000000472092_00207_44349_8720.N1 | 24-AUG-2010 08:51:17 | Dark           | 46.500 | 1   | 9Alp CMa  | -1.4400  | 11000. | 93  | 44349 | No |
| 123 | GOM_NL__2PRFIN20100824_085253_000000632092_00207_44349_8721.N1 | 24-AUG-2010 08:52:53 | Dark           | 63.000 | 7   | 19Bet Ori | 0.10000  | 14000. | 126 | 44349 | No |
| 124 | GOM_NL__2PRFIN20100824_085428_000000492092_00207_44349_8722.N1 | 24-AUG-2010 08:54:28 | Dark           | 48.500 | 101 | 11Alp Lep | 2.5820   | 7000.0 | 97  | 44349 | No |
| 125 | GOM_NL__2PRFIN20100824_090908_000000512092_00208_44350_8725.N1 | 24-AUG-2010 09:09:08 | Dark           | 51.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 102 | 44350 | No |
| 126 | GOM_NL__2PRFIN20100824_091212_000000462092_00208_44350_8726.N1 | 24-AUG-2010 09:12:12 | Dark           | 45.500 | 9   | Alp Eri   | 0.45300  | 24000. | 91  | 44350 | No |
| 127 | GOM_NL__2PRFIN20100824_091808_000000542092_00208_44350_8727.N1 | 24-AUG-2010 09:18:08 | Straylight     | 54.000 | 84  | Alp Phe   | 2.3970   | 4500.0 | 108 | 44350 | No |
| 128 | GOM_NL__2PRFIN20100824_092011_000000462092_00208_44350_8728.N1 | 24-AUG-2010 09:20:11 | Straylight     | 46.000 | 63  | Bet Gru   | 2.1500   | 2800.0 | 92  | 44350 | No |
| 129 | GOM_NL__2PRFIN20100824_092454_000000512092_00208_44350_8729.N1 | 24-AUG-2010 09:24:54 | Straylight     | 50.500 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 101 | 44350 | No |
| 130 | GOM_NL__2PRFIN20100824_093004_000000452092_00208_44350_8730.N1 | 24-AUG-2010 09:30:04 | Bright         | 44.500 | 142 | 49Del Cap | 2.8500   | 8900.0 | 89  | 44350 | No |
| 131 | GOM_NL__2PRFIN20100824_093319_000000412092_00208_44350_8731.N1 | 24-AUG-2010 09:33:19 | Bright         | 40.500 | 154 | 22Bet Aqr | 2.8990   | 5700.0 | 81  | 44350 | No |
| 132 | GOM_NL__2PRFIN20100824_093502_000000442092_00208_44350_8732.N1 | 24-AUG-2010 09:35:02 | Bright         | 43.500 | 162 | 34Alp Aqr | 2.9440   | 5350.0 | 87  | 44350 | No |
| 133 | GOM_NL__2PRFIN20100824_093806_000000422092_00208_44350_8733.N1 | 24-AUG-2010 09:38:06 | Bright         | 42.000 | 61  | 8Eps Peg  | 2.1000   | 3900.0 | 84  | 44350 | No |
| 134 | GOM_NL__2PRFIN20100824_094447_000000382092_00208_44350_8734.N1 | 24-AUG-2010 09:44:47 | Bright         | 37.500 | 92  | 53Eps Cyg | 2.5000   | 4500.0 | 75  | 44350 | No |
| 135 | GOM_NL__2PRFIN20100824_094759_000000372092_00208_44350_8735.N1 | 24-AUG-2010 09:47:59 | Bright         | 36.500 | 19  | 50Alp Cyg | 1.2460   | 10500. | 73  | 44350 | No |
| 136 | GOM_NL__2PRFIN20100824_095310_000000382092_00208_44350_8736.N1 | 24-AUG-2010 09:53:10 | Bright         | 37.500 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 75  | 44350 | No |
| 137 | GOM_NL__2PRFIN20100824_095658_000000472092_00208_44350_8737.N1 | 24-AUG-2010 09:56:58 | Bright         | 46.500 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 93  | 44350 | No |
| 138 | GOM_NL__2PRFIN20100824_095912_000000322092_00208_44350_8738.N1 | 24-AUG-2010 09:59:12 | Tw_i_and_stray | 32.000 | 76  | 27Gam Cas | 2.3000   | 30000. | 64  | 44350 | No |
| 139 | GOM_NL__2PRFIN20100824_101258_000000532092_00208_44350_8739.N1 | 24-AUG-2010 10:12:58 | Bright         | 52.500 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 105 | 44350 | No |
| 140 | GOM_NL__2PRFIN20100824_101613_000000422092_00208_44350_8740.N1 | 24-AUG-2010 10:16:13 | Bright         | 41.500 | 107 | 37The Aur | 2.6490   | 11000. | 83  | 44350 | No |
| 141 | GOM_NL__2PRFIN20100824_102053_000000552092_00208_44350_8741.N1 | 24-AUG-2010 10:20:53 | Tw_i_and_stray | 54.500 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 109 | 44350 | No |
| 142 | GOM_NL__2PRFIN20100824_102232_000000472092_00208_44350_8742.N1 | 24-AUG-2010 10:22:32 | Tw_i_and_stray | 46.500 | 44  | 24Gam Gem | 1.9280   | 11000. | 93  | 44350 | No |
| 143 | GOM_NL__2PRFIN20100824_102629_000000652092_00208_44350_8743.N1 | 24-AUG-2010 10:26:29 | Dark           | 65.000 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 130 | 44350 | No |
| 144 | GOM_NL__2PRFIN20100824_103005_000000542092_00208_44350_8744.N1 | 24-AUG-2010 10:30:05 | Dark           | 54.000 | 30  | 46Eps Ori | 1.6940   | 30000. | 108 | 44350 | No |
| 145 | GOM_NL__2PRFIN20100824_103153_000000552092_00208_44350_8745.N1 | 24-AUG-2010 10:31:53 | Dark           | 55.000 | 1   | 9Alp CMa  | -1.4400  | 11000. | 110 | 44350 | No |
| 146 | GOM_NL__2PRFIN20100824_103330_000000642092_00208_44350_8746.N1 | 24-AUG-2010 10:33:30 | Dark           | 64.000 | 7   | 19Bet Ori | 0.10000  | 14000. | 128 | 44350 | No |
| 147 | GOM_NL__2PRFIN20100824_103504_000000532092_00208_44350_8747.N1 | 24-AUG-2010 10:35:04 | Dark           | 52.500 | 101 | 11Alp Lep | 2.5820   | 7000.0 | 105 | 44350 | No |
| 148 | GOM_NL__2PRFIN20100824_104945_000000542092_00209_44351_8754.N1 | 24-AUG-2010 10:49:45 | Dark           | 53.500 | 157 | The1Eri   | 2.9060   | 9300.0 | 107 | 44351 | No |
| 149 | GOM_NL__2PRFIN20100824_105249_000000462092_00209_44351_8755.N1 | 24-AUG-2010 10:52:49 | Dark           | 45.500 | 9   | Alp Eri   | 0.45300  | 24000. | 91  | 44351 | No |
| 150 | GOM_NL__2PRFIN20100824_105845_000000532092_00209_44351_8756.N1 | 24-AUG-2010 10:58:45 | Straylight     | 52.500 | 84  | Alp Phe   | 2.3970   | 4500.0 | 105 | 44351 | No |
| 151 | GOM_NL__2PRFIN20100824_110048_000000502092_00209_44351_8757.N1 | 24-AUG-2010 11:00:48 | Straylight     | 49.500 | 63  | Bet Gru   | 2.1500   | 2800.0 | 99  | 44351 | No |
| 152 | GOM_NL__2PRFIN20100824_110531_000000522092_00209_44351_8758.N1 | 24-AUG-2010 11:05:31 | Straylight     | 52.000 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 104 | 44351 | No |
| 153 | GOM_NL__2PRFIN20100824_111040_000000482092_00209_44351_8759.N1 | 24-AUG-2010 11:10:40 | Bright         | 47.500 | 142 | 49Del Cap | 2.8500   | 8900.0 | 95  | 44351 | No |
| 154 | GOM_NL__2PRFIN20100824_111356_000000402092_00209_44351_8760.N1 | 24-AUG-2010 11:13:56 | Bright         | 40.000 | 154 | 22Bet Aqr | 2.8990   | 5700.0 | 80  | 44351 | No |
| 155 | GOM_NL__2PRFIN20100824_111538_000000442092_00209_44351_8761.N1 | 24-AUG-2010 11:15:38 | Bright         | 43.500 | 162 | 34Alp Aqr | 2.9440   | 5350.0 | 87  | 44351 | No |
| 156 | GOM_NL__2PRFIN20100824_111842_000000402092_00209_44351_8762.N1 | 24-AUG-2010 11:18:42 | Bright         | 39.500 | 61  | 8Eps Peg  | 2.1000   | 3900.0 | 79  | 44351 | No |
| 157 | GOM_NL__2PRFIN20100824_112523_000000402092_00209_44351_8763.N1 | 24-AUG-2010 11:25:23 | Bright         | 39.500 | 92  | 53Eps Cyg | 2.5000   | 4500.0 | 79  | 44351 | No |
| 158 | GOM_NL__2PRFIN20100824_112835_000000382092_00209_44351_8764.N1 | 24-AUG-2010 11:28:35 | Bright         | 37.500 | 19  | 50Alp Cyg | 1.2460   | 10500. | 75  | 44351 | No |
| 159 | GOM_NL__2PRFIN20100824_113346_000000382092_00209_44351_8765.N1 | 24-AUG-2010 11:33:46 | Bright         | 38.000 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 76  | 44351 | No |
| 160 | GOM_NL__2PRFIN20100824_113734_000000482092_00209_44351_8766.N1 | 24-AUG-2010 11:37:34 | Bright         | 47.500 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 95  | 44351 | No |

|     |  |                      |            |        |     |           |          |        |     |       |    |
|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20100824_113947_000000322092_00209_44351_8767.N1 | 24-AUG-2010 11:39:47 | Twilight   | 32.000 | 76  | 27Gam Cas | 2.3000   | 30000. | 64  | 44351 | No |
| 162 | GOM_NL__2PRFIN20100824_115334_000000552092_00209_44351_8768.N1 | 24-AUG-2010 11:53:34 | Bright     | 55.000 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 110 | 44351 | No |
| 163 | GOM_NL__2PRFIN20100824_115649_000000472092_00209_44351_8769.N1 | 24-AUG-2010 11:56:49 | Bright     | 46.500 | 107 | 37The Aur | 2.6490   | 11000. | 93  | 44351 | No |
| 164 | GOM_NL__2PRFIN20100824_120129_000000502092_00209_44351_8770.N1 | 24-AUG-2010 12:01:29 | Twilight   | 50.000 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 100 | 44351 | No |
| 165 | GOM_NL__2PRFIN20100824_120309_000000422092_00209_44351_8771.N1 | 24-AUG-2010 12:03:09 | Twilight   | 42.000 | 44  | 24Gam Gem | 1.9280   | 11000. | 84  | 44351 | No |
| 166 | GOM_NL__2PRFIN20100824_120705_000000662092_00209_44351_8772.N1 | 24-AUG-2010 12:07:05 | Dark       | 66.000 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 132 | 44351 | No |
| 167 | GOM_NL__2PRFIN20100824_121042_000000562092_00209_44351_8773.N1 | 24-AUG-2010 12:10:42 | Dark       | 55.500 | 30  | 46Eps Ori | 1.6940   | 30000. | 111 | 44351 | No |
| 168 | GOM_NL__2PRFIN20100824_121230_000000522092_00209_44351_8774.N1 | 24-AUG-2010 12:12:30 | Dark       | 51.500 | 1   | 9Alp CMa  | -1.4400  | 11000. | 103 | 44351 | No |
| 169 | GOM_NL__2PRFIN20100824_121407_000000642092_00209_44351_8775.N1 | 24-AUG-2010 12:14:07 | Dark       | 64.000 | 7   | 19Bet Ori | 0.10000  | 14000. | 128 | 44351 | No |
| 170 | GOM_NL__2PRFIN20100824_121541_000000502092_00209_44351_8776.N1 | 24-AUG-2010 12:15:41 | Dark       | 50.000 | 101 | 11Alp Lep | 2.5820   | 7000.0 | 100 | 44351 | No |
| 171 | GOM_NL__2PRFIN20100824_123022_000000542092_00210_44352_8796.N1 | 24-AUG-2010 12:30:22 | Dark       | 54.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 108 | 44352 | No |
| 172 | GOM_NL__2PRFIN20100824_123325_000000462092_00210_44352_8797.N1 | 24-AUG-2010 12:33:25 | Dark       | 46.000 | 9   | Alp Eri   | 0.45300  | 24000. | 92  | 44352 | No |
| 173 | GOM_NL__2PRFIN20100824_123921_000000572092_00210_44352_8798.N1 | 24-AUG-2010 12:39:21 | Straylight | 57.000 | 84  | Alp Phe   | 2.3970   | 4500.0 | 114 | 44352 | No |
| 174 | GOM_NL__2PRFIN20100824_124124_000000462092_00210_44352_8799.N1 | 24-AUG-2010 12:41:24 | Straylight | 45.500 | 63  | Bet Gru   | 2.1500   | 2800.0 | 91  | 44352 | No |
| 175 | GOM_NL__2PRFIN20100824_124607_000000512092_00210_44352_8800.N1 | 24-AUG-2010 12:46:07 | Straylight | 51.000 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 102 | 44352 | No |
| 176 | GOM_NL__2PRFIN20100824_125116_000000442092_00210_44352_8801.N1 | 24-AUG-2010 12:51:16 | Bright     | 43.500 | 142 | 49Del Cap | 2.8500   | 8900.0 | 87  | 44352 | No |
| 177 | GOM_NL__2PRFIN20100824_125432_000000402092_00210_44352_8802.N1 | 24-AUG-2010 12:54:32 | Bright     | 39.500 | 154 | 22Bet Aqr | 2.8990   | 5700.0 | 79  | 44352 | No |
| 178 | GOM_NL__2PRFIN20100824_125613_000000442092_00210_44352_8803.N1 | 24-AUG-2010 12:56:13 | Bright     | 44.000 | 162 | 34Alp Aqr | 2.9440   | 5350.0 | 88  | 44352 | No |
| 179 | GOM_NL__2PRFIN20100824_125918_000000412092_00210_44352_8804.N1 | 24-AUG-2010 12:59:18 | Bright     | 40.500 | 61  | 8Eps Peg  | 2.1000   | 3900.0 | 81  | 44352 | No |
| 180 | GOM_NL__2PRFIN20100824_130558_000000392092_00210_44352_8805.N1 | 24-AUG-2010 13:05:58 | Bright     | 38.500 | 92  | 53Eps Cyg | 2.5000   | 4500.0 | 77  | 44352 | No |
| 181 | GOM_NL__2PRFIN20100824_130911_000000402092_00210_44352_8806.N1 | 24-AUG-2010 13:09:11 | Bright     | 39.500 | 19  | 50Alp Cyg | 1.2460   | 10500. | 79  | 44352 | No |
| 182 | GOM_NL__2PRFIN20100824_131421_000000402092_00210_44352_8807.N1 | 24-AUG-2010 13:14:21 | Bright     | 39.500 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 79  | 44352 | No |
| 183 | GOM_NL__2PRFIN20100824_131809_000000452092_00210_44352_8808.N1 | 24-AUG-2010 13:18:09 | Bright     | 45.000 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 90  | 44352 | No |
| 184 | GOM_NL__2PRFIN20100824_132023_000000342092_00210_44352_8809.N1 | 24-AUG-2010 13:20:23 | Twilight   | 34.000 | 76  | 27Gam Cas | 2.3000   | 30000. | 68  | 44352 | No |
| 185 | GOM_NL__2PRFIN20100824_133410_000000562092_00210_44352_8810.N1 | 24-AUG-2010 13:34:10 | Bright     | 55.500 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 111 | 44352 | No |
| 186 | GOM_NL__2PRFIN20100824_133725_000000522092_00210_44352_8811.N1 | 24-AUG-2010 13:37:25 | Bright     | 52.000 | 107 | 37The Aur | 2.6490   | 11000. | 104 | 44352 | No |
| 187 | GOM_NL__2PRFIN20100824_134205_000000512092_00210_44352_8812.N1 | 24-AUG-2010 13:42:05 | Twilight   | 51.000 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 102 | 44352 | No |
| 188 | GOM_NL__2PRFIN20100824_134345_000000452092_00210_44352_8813.N1 | 24-AUG-2010 13:43:45 | Twilight   | 45.000 | 44  | 24Gam Gem | 1.9280   | 11000. | 90  | 44352 | No |
| 189 | GOM_NL__2PRFIN20100824_134742_000000602092_00210_44352_8814.N1 | 24-AUG-2010 13:47:42 | Dark       | 60.000 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 120 | 44352 | No |
| 190 | GOM_NL__2PRFIN20100824_135118_000000562092_00210_44352_8815.N1 | 24-AUG-2010 13:51:18 | Dark       | 56.000 | 30  | 46Eps Ori | 1.6940   | 30000. | 112 | 44352 | No |
| 191 | GOM_NL__2PRFIN20100824_135306_000000462092_00210_44352_8816.N1 | 24-AUG-2010 13:53:06 | Dark       | 45.500 | 1   | 9Alp CMa  | -1.4400  | 11000. | 91  | 44352 | No |
| 192 | GOM_NL__2PRFIN20100824_135444_000000562092_00210_44352_8817.N1 | 24-AUG-2010 13:54:44 | Dark       | 56.000 | 7   | 19Bet Ori | 0.10000  | 14000. | 112 | 44352 | No |
| 193 | GOM_NL__2PRFIN20100824_135618_000000522092_00210_44352_8818.N1 | 24-AUG-2010 13:56:18 | Dark       | 51.500 | 101 | 11Alp Lep | 2.5820   | 7000.0 | 103 | 44352 | No |
| 194 | GOM_NL__2PRFIN20100824_141059_000000532092_00211_44353_8833.N1 | 24-AUG-2010 14:10:59 | Dark       | 53.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 106 | 44353 | No |
| 195 | GOM_NL__2PRFIN20100824_141402_000000462092_00211_44353_8834.N1 | 24-AUG-2010 14:14:02 | Dark       | 45.500 | 9   | Alp Eri   | 0.45300  | 24000. | 91  | 44353 | No |
| 196 | GOM_NL__2PRFIN20100824_141958_000000532092_00211_44353_8835.N1 | 24-AUG-2010 14:19:58 | Straylight | 52.500 | 84  | Alp Phe   | 2.3970   | 4500.0 | 105 | 44353 | No |
| 197 | GOM_NL__2PRFIN20100824_142200_000000462092_00211_44353_8836.N1 | 24-AUG-2010 14:22:00 | Straylight | 46.000 | 63  | Bet Gru   | 2.1500   | 2800.0 | 92  | 44353 | No |
| 198 | GOM_NL__2PRFIN20100824_142643_000000502092_00211_44353_8837.N1 | 24-AUG-2010 14:26:43 | Straylight | 50.000 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 100 | 44353 | No |
| 199 | GOM_NL__2PRFIN20100824_160719_000000512092_00212_44354_8866.N1 | 24-AUG-2010 16:07:19 | Straylight | 51.000 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 102 | 44354 | No |
| 200 | GOM_NL__2PRFIN20100824_161228_000000442092_00212_44354_8867.N1 | 24-AUG-2010 16:12:28 | Bright     | 43.500 | 142 | 49Del Cap | 2.8500   | 8900.0 | 87  | 44354 | No |
| 201 | GOM_NL__2PRFIN20100824_161543_000000402092_00212_44354_8868.N1 | 24-AUG-2010 16:15:43 | Bright     | 40.000 | 154 | 22Bet Aqr | 2.8990   | 5700.0 | 80  | 44354 | No |
| 202 | GOM_NL__2PRFIN20100824_161725_000000442092_00212_44354_8869.N1 | 24-AUG-2010 16:17:25 | Bright     | 44.000 | 162 | 34Alp Aqr | 2.9440   | 5350.0 | 88  | 44354 | No |
| 203 | GOM_NL__2PRFIN20100824_162029_000000452092_00212_44354_8870.N1 | 24-AUG-2010 16:20:29 | Bright     | 44.500 | 61  | 8Eps Peg  | 2.1000   | 3900.0 | 89  | 44354 | No |
| 204 | GOM_NL__2PRFIN20100824_162710_000000382092_00212_44354_8871.N1 | 24-AUG-2010 16:27:10 | Bright     | 38.000 | 92  | 53Eps Cyg | 2.5000   | 4500.0 | 76  | 44354 | No |
| 205 | GOM_NL__2PRFIN20100824_163022_000000392092_00212_44354_8872.N1 | 24-AUG-2010 16:30:22 | Bright     | 38.500 | 19  | 50Alp Cyg | 1.2460   | 10500. | 77  | 44354 | No |
| 206 | GOM_NL__2PRFIN20100824_163533_000000392092_00212_44354_8873.N1 | 24-AUG-2010 16:35:33 | Bright     | 38.500 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 77  | 44354 | No |
| 207 | GOM_NL__2PRFIN20100824_163920_000000472092_00212_44354_8874.N1 | 24-AUG-2010 16:39:20 | Bright     | 46.500 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 93  | 44354 | No |
| 208 | GOM_NL__2PRFIN20100824_164133_000000362092_00212_44354_8875.N1 | 24-AUG-2010 16:41:33 | Bright     | 36.000 | 76  | 27Gam Cas | 2.3000   | 30000. | 72  | 44354 | No |
| 209 | GOM_NL__2PRFIN20100824_165521_000000632092_00212_44354_8876.N1 | 24-AUG-2010 16:55:21 | Bright     | 62.500 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 125 | 44354 | No |
| 210 | GOM_NL__2PRFIN20100824_165837_000000452092_00212_44354_8877.N1 | 24-AUG-2010 16:58:37 | Bright     | 44.500 | 107 | 37The Aur | 2.6490   | 11000. | 89  | 44354 | No |
| 211 | GOM_NL__2PRFIN20100824_170318_000000472092_00212_44354_8878.N1 | 24-AUG-2010 17:03:18 | Twilight   | 47.000 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 94  | 44354 | No |
| 212 | GOM_NL__2PRFIN20100824_170457_000000452092_00212_44354_8879.N1 | 24-AUG-2010 17:04:57 | Twilight   | 44.500 | 44  | 24Gam Gem | 1.9280   | 11000. | 89  | 44354 | No |
| 213 | GOM_NL__2PRFIN20100824_170855_000000582092_00212_44354_8880.N1 | 24-AUG-2010 17:08:55 | Dark       | 57.500 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 115 | 44354 | No |
| 214 | GOM_NL__2PRFIN20100824_171232_000000572092_00212_44354_8881.N1 | 24-AUG-2010 17:12:32 | Dark       | 56.500 | 30  | 46Eps Ori | 1.6940   | 30000. | 113 | 44354 | No |
| 215 | GOM_NL__2PRFIN20100824_171419_000000512092_00212_44354_8882.N1 | 24-AUG-2010 17:14:19 | Dark       | 50.500 | 1   | 9Alp CMa  | -1.4400  | 11000. | 101 | 44354 | No |
| 216 | GOM_NL__2PRFIN20100824_171559_000000492092_00212_44354_8883.N1 | 24-AUG-2010 17:15:59 | Dark       | 49.000 | 7   | 19Bet Ori | 0.10000  | 14000. | 98  | 44354 | No |
| 217 | GOM_NL__2PRFIN20100824_171731_000000462092_00212_44354_8884.N1 | 24-AUG-2010 17:17:31 | Dark       | 46.000 | 101 | 11Alp Lep | 2.5820   | 7000.0 | 92  | 44354 | No |
| 218 | GOM_NL__2PRFIN20100824_173214_000000532092_00213_44355_8937.N1 | 24-AUG-2010 17:32:14 | Dark       | 53.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 106 | 44355 | No |
| 219 | GOM_NL__2PRFIN20100824_173515_000000442092_00213_44355_8938.N1 | 24-AUG-2010 17:35:15 | Dark       | 43.500 | 9   | Alp Eri   | 0.45300  | 24000. | 87  | 44355 | No |

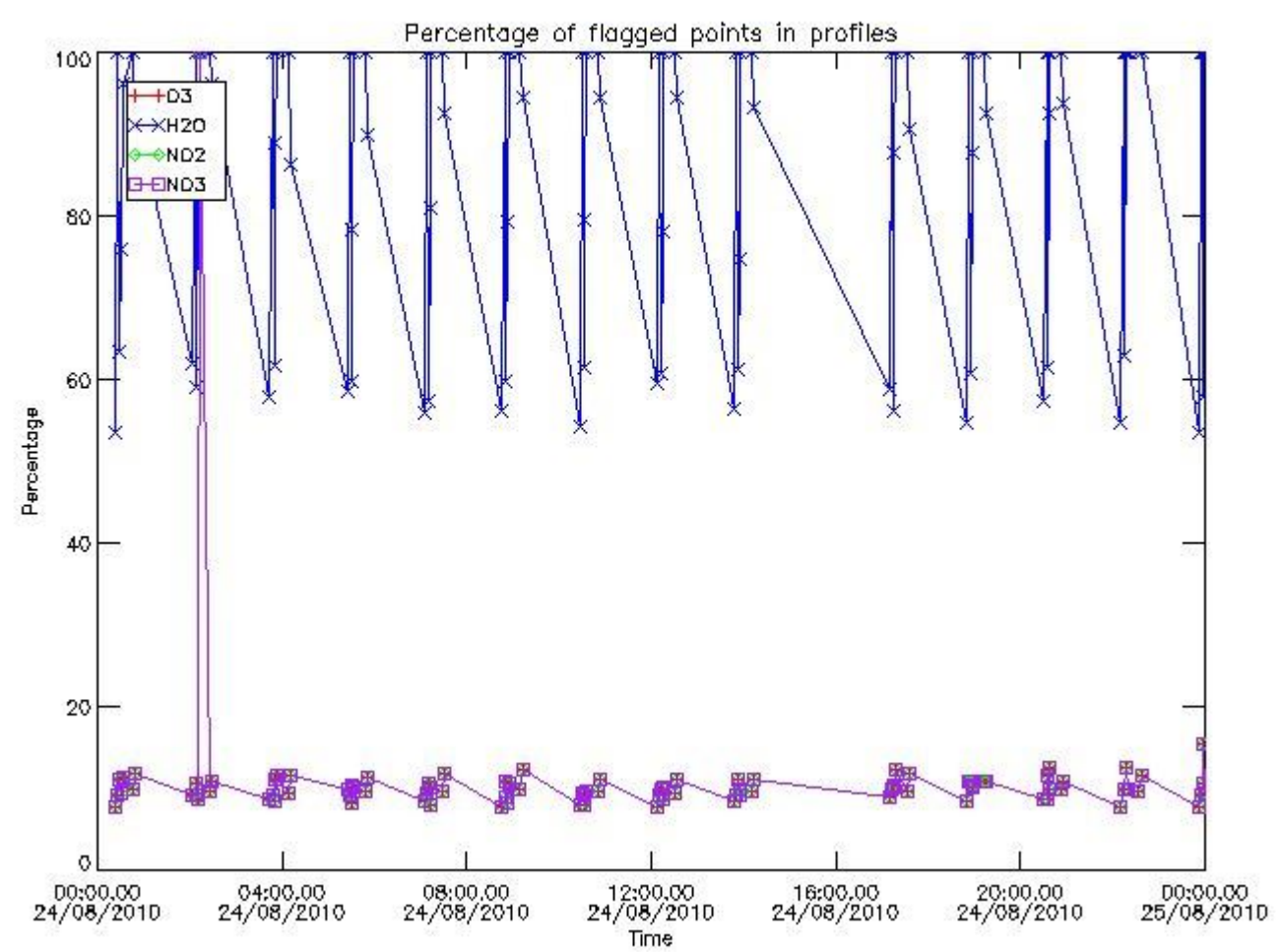
|     |  |                      |                |        |     |           |          |        |     |       |    |
|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 220 | GOM_NL__2PRFIN20100824_174112_000000552092_00213_44355_8939.N1 | 24-AUG-2010 17:41:12 | Straylight     | 55.000 | 84  | Alp Phe   | 2.3970   | 4500.0 | 110 | 44355 | No |
| 221 | GOM_NL__2PRFIN20100824_174313_000000522092_00213_44355_8940.N1 | 24-AUG-2010 17:43:13 | Straylight     | 52.000 | 63  | Bet Gru   | 2.1500   | 2800.0 | 104 | 44355 | No |
| 222 | GOM_NL__2PRFIN20100824_174755_000000542092_00213_44355_8941.N1 | 24-AUG-2010 17:47:55 | Straylight     | 54.000 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 108 | 44355 | No |
| 223 | GOM_NL__2PRFIN20100824_175304_000000422092_00213_44355_8942.N1 | 24-AUG-2010 17:53:04 | Bright         | 42.000 | 142 | 49Del Cap | 2.8500   | 8900.0 | 84  | 44355 | No |
| 224 | GOM_NL__2PRFIN20100824_175619_000000412092_00213_44355_8943.N1 | 24-AUG-2010 17:56:19 | Bright         | 40.500 | 154 | 22Bet Aqr | 2.8990   | 5700.0 | 81  | 44355 | No |
| 225 | GOM_NL__2PRFIN20100824_175801_000000442092_00213_44355_8944.N1 | 24-AUG-2010 17:58:01 | Bright         | 44.000 | 162 | 34Alp Aqr | 2.9440   | 5350.0 | 88  | 44355 | No |
| 226 | GOM_NL__2PRFIN20100824_180105_000000422092_00213_44355_8945.N1 | 24-AUG-2010 18:01:05 | Bright         | 41.500 | 61  | 8Eps Peg  | 2.1000   | 3900.0 | 83  | 44355 | No |
| 227 | GOM_NL__2PRFIN20100824_180746_000000362092_00213_44355_8946.N1 | 24-AUG-2010 18:07:46 | Bright         | 36.000 | 92  | 53Eps Cyg | 2.5000   | 4500.0 | 72  | 44355 | No |
| 228 | GOM_NL__2PRFIN20100824_181058_000000392092_00213_44355_8947.N1 | 24-AUG-2010 18:10:58 | Bright         | 38.500 | 19  | 50Alp Cyg | 1.2460   | 10500. | 77  | 44355 | No |
| 229 | GOM_NL__2PRFIN20100824_181609_000000402092_00213_44355_8948.N1 | 24-AUG-2010 18:16:09 | Bright         | 39.500 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 79  | 44355 | No |
| 230 | GOM_NL__2PRFIN20100824_181955_000000462092_00213_44355_8949.N1 | 24-AUG-2010 18:19:55 | Bright         | 46.000 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 92  | 44355 | No |
| 231 | GOM_NL__2PRFIN20100824_182208_000000362092_00213_44355_8950.N1 | 24-AUG-2010 18:22:08 | Bright         | 36.000 | 76  | 27Gam Cas | 2.3000   | 30000. | 72  | 44355 | No |
| 232 | GOM_NL__2PRFIN20100824_183557_000000572092_00213_44355_8951.N1 | 24-AUG-2010 18:35:57 | Bright         | 56.500 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 113 | 44355 | No |
| 233 | GOM_NL__2PRFIN20100824_183914_000000442092_00213_44355_8952.N1 | 24-AUG-2010 18:39:14 | Bright         | 44.000 | 107 | 37The Aur | 2.6490   | 11000. | 88  | 44355 | No |
| 234 | GOM_NL__2PRFIN20100824_184354_000000502092_00213_44355_8953.N1 | 24-AUG-2010 18:43:54 | Tw_i_and_stray | 50.000 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 100 | 44355 | No |
| 235 | GOM_NL__2PRFIN20100824_184534_000000452092_00213_44355_8954.N1 | 24-AUG-2010 18:45:34 | Tw_i_and_stray | 44.500 | 44  | 24Gam Gem | 1.9280   | 11000. | 89  | 44355 | No |
| 236 | GOM_NL__2PRFIN20100824_184932_000000602092_00213_44355_8955.N1 | 24-AUG-2010 18:49:32 | Dark           | 60.000 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 120 | 44355 | No |
| 237 | GOM_NL__2PRFIN20100824_185309_000000572092_00213_44355_8956.N1 | 24-AUG-2010 18:53:09 | Dark           | 56.500 | 30  | 46Eps Ori | 1.6940   | 30000. | 113 | 44355 | No |
| 238 | GOM_NL__2PRFIN20100824_185455_000000482092_00213_44355_8957.N1 | 24-AUG-2010 18:54:55 | Dark           | 47.500 | 1   | 9Alp CMa  | -1.4400  | 11000. | 95  | 44355 | No |
| 239 | GOM_NL__2PRFIN20100824_185636_000000492092_00213_44355_8958.N1 | 24-AUG-2010 18:56:36 | Dark           | 49.000 | 7   | 19Bet Ori | 0.10000  | 14000. | 98  | 44355 | No |
| 240 | GOM_NL__2PRFIN20100824_185808_000000502092_00213_44355_8959.N1 | 24-AUG-2010 18:58:08 | Dark           | 50.000 | 101 | 11Alp Lep | 2.5820   | 7000.0 | 100 | 44355 | No |
| 241 | GOM_NL__2PRFIN20100824_191251_000000522092_00214_44356_8962.N1 | 24-AUG-2010 19:12:51 | Dark           | 52.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 104 | 44356 | No |
| 242 | GOM_NL__2PRFIN20100824_191552_000000472092_00214_44356_8963.N1 | 24-AUG-2010 19:15:52 | Dark           | 47.000 | 9   | Alp Eri   | 0.45300  | 24000. | 94  | 44356 | No |
| 243 | GOM_NL__2PRFIN20100824_192148_000000602092_00214_44356_8964.N1 | 24-AUG-2010 19:21:48 | Straylight     | 59.500 | 84  | Alp Phe   | 2.3970   | 4500.0 | 119 | 44356 | No |
| 244 | GOM_NL__2PRFIN20100824_192349_000000522092_00214_44356_8965.N1 | 24-AUG-2010 19:23:49 | Straylight     | 51.500 | 63  | Bet Gru   | 2.1500   | 2800.0 | 103 | 44356 | No |
| 245 | GOM_NL__2PRFIN20100824_192832_000000522092_00214_44356_8966.N1 | 24-AUG-2010 19:28:32 | Straylight     | 51.500 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 103 | 44356 | No |
| 246 | GOM_NL__2PRFIN20100824_193340_000000472092_00214_44356_8967.N1 | 24-AUG-2010 19:33:40 | Bright         | 46.500 | 142 | 49Del Cap | 2.8500   | 8900.0 | 93  | 44356 | No |
| 247 | GOM_NL__2PRFIN20100824_193655_000000412092_00214_44356_8968.N1 | 24-AUG-2010 19:36:55 | Bright         | 41.000 | 154 | 22Bet Aqr | 2.8990   | 5700.0 | 82  | 44356 | No |
| 248 | GOM_NL__2PRFIN20100824_193837_000000442092_00214_44356_8969.N1 | 24-AUG-2010 19:38:37 | Bright         | 43.500 | 162 | 34Alp Aqr | 2.9440   | 5350.0 | 87  | 44356 | No |
| 249 | GOM_NL__2PRFIN20100824_194141_000000412092_00214_44356_8970.N1 | 24-AUG-2010 19:41:41 | Bright         | 40.500 | 61  | 8Eps Peg  | 2.1000   | 3900.0 | 81  | 44356 | No |
| 250 | GOM_NL__2PRFIN20100824_194822_000000392092_00214_44356_8971.N1 | 24-AUG-2010 19:48:22 | Bright         | 39.000 | 92  | 53Eps Cyg | 2.5000   | 4500.0 | 78  | 44356 | No |
| 251 | GOM_NL__2PRFIN20100824_195134_000000382092_00214_44356_8972.N1 | 24-AUG-2010 19:51:34 | Bright         | 37.500 | 19  | 50Alp Cyg | 1.2460   | 10500. | 75  | 44356 | No |
| 252 | GOM_NL__2PRFIN20100824_195645_000000382092_00214_44356_8973.N1 | 24-AUG-2010 19:56:45 | Bright         | 38.000 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 76  | 44356 | No |
| 253 | GOM_NL__2PRFIN20100824_200030_000000492092_00214_44356_8974.N1 | 24-AUG-2010 20:00:30 | Bright         | 48.500 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 97  | 44356 | No |
| 254 | GOM_NL__2PRFIN20100824_200243_000000372092_00214_44356_8975.N1 | 24-AUG-2010 20:02:43 | Bright         | 37.000 | 76  | 27Gam Cas | 2.3000   | 30000. | 74  | 44356 | No |
| 255 | GOM_NL__2PRFIN20100824_201633_000000542092_00214_44356_8976.N1 | 24-AUG-2010 20:16:33 | Bright         | 54.000 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 108 | 44356 | No |
| 256 | GOM_NL__2PRFIN20100824_201950_000000432092_00214_44356_8977.N1 | 24-AUG-2010 20:19:50 | Bright         | 43.000 | 107 | 37The Aur | 2.6490   | 11000. | 86  | 44356 | No |
| 257 | GOM_NL__2PRFIN20100824_202430_000000492092_00214_44356_8978.N1 | 24-AUG-2010 20:24:30 | Tw_i_and_stray | 49.000 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 98  | 44356 | No |
| 258 | GOM_NL__2PRFIN20100824_202610_000000472092_00214_44356_8979.N1 | 24-AUG-2010 20:26:10 | Tw_i_and_stray | 47.000 | 44  | 24Gam Gem | 1.9280   | 11000. | 94  | 44356 | No |
| 259 | GOM_NL__2PRFIN20100824_203008_000000582092_00214_44356_8980.N1 | 24-AUG-2010 20:30:08 | Dark           | 58.000 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 116 | 44356 | No |
| 260 | GOM_NL__2PRFIN20100824_203345_000000592092_00214_44356_8981.N1 | 24-AUG-2010 20:33:45 | Dark           | 58.500 | 30  | 46Eps Ori | 1.6940   | 30000. | 117 | 44356 | No |
| 261 | GOM_NL__2PRFIN20100824_203532_000000452092_00214_44356_8982.N1 | 24-AUG-2010 20:35:32 | Dark           | 44.500 | 1   | 9Alp CMa  | -1.4400  | 11000. | 89  | 44356 | No |
| 262 | GOM_NL__2PRFIN20100824_203713_000000412092_00214_44356_8983.N1 | 24-AUG-2010 20:37:13 | Dark           | 41.000 | 7   | 19Bet Ori | 0.10000  | 14000. | 82  | 44356 | No |
| 263 | GOM_NL__2PRFIN20100824_203845_000000522092_00214_44356_8984.N1 | 24-AUG-2010 20:38:45 | Dark           | 51.500 | 101 | 11Alp Lep | 2.5820   | 7000.0 | 103 | 44356 | No |
| 264 | GOM_NL__2PRFIN20100824_205328_000000522092_00215_44357_9003.N1 | 24-AUG-2010 20:53:28 | Dark           | 52.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 104 | 44357 | No |
| 265 | GOM_NL__2PRFIN20100824_205628_000000482092_00215_44357_9004.N1 | 24-AUG-2010 20:56:28 | Dark           | 47.500 | 9   | Alp Eri   | 0.45300  | 24000. | 95  | 44357 | No |
| 266 | GOM_NL__2PRFIN20100824_210225_000000552092_00215_44357_9005.N1 | 24-AUG-2010 21:02:25 | Straylight     | 55.000 | 84  | Alp Phe   | 2.3970   | 4500.0 | 110 | 44357 | No |
| 267 | GOM_NL__2PRFIN20100824_210425_000000562092_00215_44357_9006.N1 | 24-AUG-2010 21:04:25 | Straylight     | 55.500 | 63  | Bet Gru   | 2.1500   | 2800.0 | 111 | 44357 | No |
| 268 | GOM_NL__2PRFIN20100824_210908_000000502092_00215_44357_9007.N1 | 24-AUG-2010 21:09:08 | Straylight     | 50.000 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 100 | 44357 | No |
| 269 | GOM_NL__2PRFIN20100824_211417_000000472092_00215_44357_9008.N1 | 24-AUG-2010 21:14:17 | Bright         | 46.500 | 142 | 49Del Cap | 2.8500   | 8900.0 | 93  | 44357 | No |
| 270 | GOM_NL__2PRFIN20100824_211731_000000412092_00215_44357_9009.N1 | 24-AUG-2010 21:17:31 | Bright         | 40.500 | 154 | 22Bet Aqr | 2.8990   | 5700.0 | 81  | 44357 | No |
| 271 | GOM_NL__2PRFIN20100824_211913_000000442092_00215_44357_9010.N1 | 24-AUG-2010 21:19:13 | Bright         | 43.500 | 162 | 34Alp Aqr | 2.9440   | 5350.0 | 87  | 44357 | No |
| 272 | GOM_NL__2PRFIN20100824_212216_000000412092_00215_44357_9011.N1 | 24-AUG-2010 21:22:16 | Bright         | 40.500 | 61  | 8Eps Peg  | 2.1000   | 3900.0 | 81  | 44357 | No |
| 273 | GOM_NL__2PRFIN20100824_212858_000000352092_00215_44357_9012.N1 | 24-AUG-2010 21:28:58 | Bright         | 34.500 | 92  | 53Eps Cyg | 2.5000   | 4500.0 | 69  | 44357 | No |
| 274 | GOM_NL__2PRFIN20100824_213210_000000392092_00215_44357_9013.N1 | 24-AUG-2010 21:32:10 | Bright         | 39.000 | 19  | 50Alp Cyg | 1.2460   | 10500. | 78  | 44357 | No |
| 275 | GOM_NL__2PRFIN20100824_213720_000000392092_00215_44357_9014.N1 | 24-AUG-2010 21:37:20 | Bright         | 39.000 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 78  | 44357 | No |
| 276 | GOM_NL__2PRFIN20100824_214105_000000462092_00215_44357_9015.N1 | 24-AUG-2010 21:41:05 | Bright         | 45.500 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 91  | 44357 | No |
| 277 | GOM_NL__2PRFIN20100824_214318_000000372092_00215_44357_9016.N1 | 24-AUG-2010 21:43:18 | Bright         | 37.000 | 76  | 27Gam Cas | 2.3000   | 30000. | 74  | 44357 | No |
| 278 | GOM_NL__2PRFIN20100824_215709_000000522092_00215_44357_9017.N1 | 24-AUG-2010 21:57:09 | Bright         | 51.500 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 103 | 44357 | No |

|     |  |                      |            |        |     |           |          |        |     |       |    |
|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 279 | GOM_NL__2PRFIN20100824_220025_000000562092_00215_44357_9018.N1 | 24-AUG-2010 22:00:25 | Bright     | 56.000 | 107 | 37The Aur | 2.6490   | 11000. | 112 | 44357 | No |
| 280 | GOM_NL__2PRFIN20100824_220506_000000512092_00215_44357_9019.N1 | 24-AUG-2010 22:05:06 | Twilight   | 50.500 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 101 | 44357 | No |
| 281 | GOM_NL__2PRFIN20100824_220646_000000472092_00215_44357_9020.N1 | 24-AUG-2010 22:06:46 | Twilight   | 47.000 | 44  | 24Gam Gem | 1.9280   | 11000. | 94  | 44357 | No |
| 282 | GOM_NL__2PRFIN20100824_221045_000000662092_00215_44357_9021.N1 | 24-AUG-2010 22:10:45 | Dark       | 65.500 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 131 | 44357 | No |
| 283 | GOM_NL__2PRFIN20100824_221422_000000572092_00215_44357_9022.N1 | 24-AUG-2010 22:14:22 | Dark       | 56.500 | 30  | 46Eps Ori | 1.6940   | 30000. | 113 | 44357 | No |
| 284 | GOM_NL__2PRFIN20100824_221608_000000522092_00215_44357_9023.N1 | 24-AUG-2010 22:16:08 | Dark       | 51.500 | 1   | 9Alp CMa  | -1.4400  | 11000. | 103 | 44357 | No |
| 285 | GOM_NL__2PRFIN20100824_221750_000000412092_00215_44357_9024.N1 | 24-AUG-2010 22:17:50 | Dark       | 41.000 | 7   | 19Bet Ori | 0.10000  | 14000. | 82  | 44357 | No |
| 286 | GOM_NL__2PRFIN20100824_221922_000000512092_00215_44357_9025.N1 | 24-AUG-2010 22:19:22 | Dark       | 51.000 | 101 | 11Alp Lep | 2.5820   | 7000.0 | 102 | 44357 | No |
| 287 | GOM_NL__2PRFIN20100824_223405_000000542092_00216_44358_9016.N1 | 24-AUG-2010 22:34:05 | Dark       | 53.500 | 157 | The1Eri   | 2.9060   | 9300.0 | 107 | 44358 | No |
| 288 | GOM_NL__2PRFIN20100824_223705_000000442092_00216_44358_9017.N1 | 24-AUG-2010 22:37:05 | Dark       | 44.000 | 9   | Alp Eri   | 0.45300  | 24000. | 88  | 44358 | No |
| 289 | GOM_NL__2PRFIN20100824_224301_000000562092_00216_44358_9018.N1 | 24-AUG-2010 22:43:01 | Straylight | 55.500 | 84  | Alp Phe   | 2.3970   | 4500.0 | 111 | 44358 | No |
| 290 | GOM_NL__2PRFIN20100824_224502_000000562092_00216_44358_9019.N1 | 24-AUG-2010 22:45:02 | Straylight | 55.500 | 63  | Bet Gru   | 2.1500   | 2800.0 | 111 | 44358 | No |
| 291 | GOM_NL__2PRFIN20100824_224944_000000522092_00216_44358_9020.N1 | 24-AUG-2010 22:49:44 | Straylight | 51.500 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 103 | 44358 | No |
| 292 | GOM_NL__2PRFIN20100824_225452_000000492092_00216_44358_9021.N1 | 24-AUG-2010 22:54:52 | Bright     | 48.500 | 142 | 49Del Cap | 2.8500   | 8900.0 | 97  | 44358 | No |
| 293 | GOM_NL__2PRFIN20100824_225807_000000402092_00216_44358_9022.N1 | 24-AUG-2010 22:58:07 | Bright     | 40.000 | 154 | 22Bet Aqr | 2.8990   | 5700.0 | 80  | 44358 | No |
| 294 | GOM_NL__2PRFIN20100824_225948_000000442092_00216_44358_9023.N1 | 24-AUG-2010 22:59:48 | Bright     | 44.000 | 162 | 34Alp Aqr | 2.9440   | 5350.0 | 88  | 44358 | No |
| 295 | GOM_NL__2PRFIN20100824_230252_000000432092_00216_44358_9024.N1 | 24-AUG-2010 23:02:52 | Bright     | 42.500 | 61  | 8Eps Peg  | 2.1000   | 3900.0 | 85  | 44358 | No |
| 296 | GOM_NL__2PRFIN20100824_230934_000000352092_00216_44358_9025.N1 | 24-AUG-2010 23:09:34 | Bright     | 35.000 | 92  | 53Eps Cyg | 2.5000   | 4500.0 | 70  | 44358 | No |
| 297 | GOM_NL__2PRFIN20100824_231246_000000342092_00216_44358_9026.N1 | 24-AUG-2010 23:12:46 | Bright     | 33.500 | 19  | 50Alp Cyg | 1.2460   | 10500. | 67  | 44358 | No |
| 298 | GOM_NL__2PRFIN20100824_231756_000000382092_00216_44358_9027.N1 | 24-AUG-2010 23:17:56 | Bright     | 38.000 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 76  | 44358 | No |
| 299 | GOM_NL__2PRFIN20100824_232141_000000472092_00216_44358_9028.N1 | 24-AUG-2010 23:21:41 | Bright     | 47.000 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 94  | 44358 | No |
| 300 | GOM_NL__2PRFIN20100824_232353_000000392092_00216_44358_9029.N1 | 24-AUG-2010 23:23:53 | Bright     | 39.000 | 76  | 27Gam Cas | 2.3000   | 30000. | 78  | 44358 | No |
| 301 | GOM_NL__2PRFIN20100824_233744_000000552092_00216_44358_9030.N1 | 24-AUG-2010 23:37:44 | Bright     | 54.500 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 109 | 44358 | No |
| 302 | GOM_NL__2PRFIN20100824_234101_000000632092_00216_44358_9031.N1 | 24-AUG-2010 23:41:01 | Bright     | 63.000 | 107 | 37The Aur | 2.6490   | 11000. | 126 | 44358 | No |
| 303 | GOM_NL__2PRFIN20100824_234543_000000492092_00216_44358_9032.N1 | 24-AUG-2010 23:45:43 | Twilight   | 48.500 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 97  | 44358 | No |
| 304 | GOM_NL__2PRFIN20100824_234722_000000422092_00216_44358_9033.N1 | 24-AUG-2010 23:47:22 | Twilight   | 42.000 | 44  | 24Gam Gem | 1.9280   | 11000. | 84  | 44358 | No |
| 305 | GOM_NL__2PRFIN20100824_235121_000000672092_00216_44358_9034.N1 | 24-AUG-2010 23:51:21 | Dark       | 67.000 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 134 | 44358 | No |
| 306 | GOM_NL__2PRFIN20100824_235459_000000562092_00216_44358_9035.N1 | 24-AUG-2010 23:54:59 | Dark       | 55.500 | 30  | 46Eps Ori | 1.6940   | 30000. | 111 | 44358 | No |
| 307 | GOM_NL__2PRFIN20100824_235644_000000482092_00216_44358_9036.N1 | 24-AUG-2010 23:56:44 | Dark       | 48.000 | 1   | 9Alp CMa  | -1.4400  | 11000. | 96  | 44358 | No |
| 308 | GOM_NL__2PRFIN20100824_235827_000000332092_00216_44358_9037.N1 | 24-AUG-2010 23:58:27 | Dark       | 33.000 | 7   | 19Bet Ori | 0.10000  | 14000. | 66  | 44358 | No |
| 309 | GOM_NL__2PRFIN20100824_235959_000000552092_00216_44358_9038.N1 | 24-AUG-2010 23:59:59 | Dark       | 54.500 | 101 | 11Alp Lep | 2.5820   | 7000.0 | 109 | 44358 | No |

### 3. Quality information per product

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

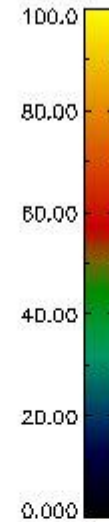
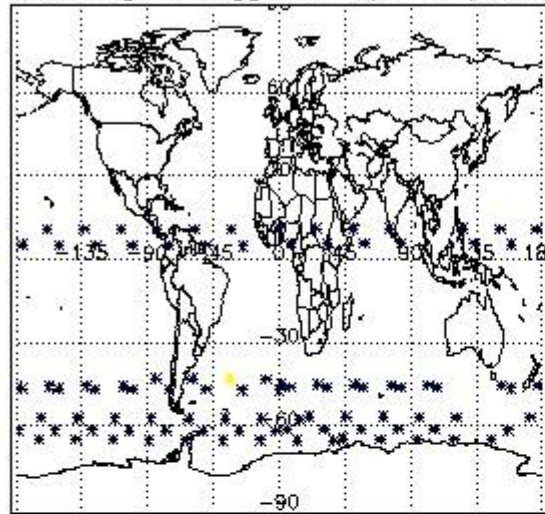
#### 3.1 Plot quality information per product (time dependant)



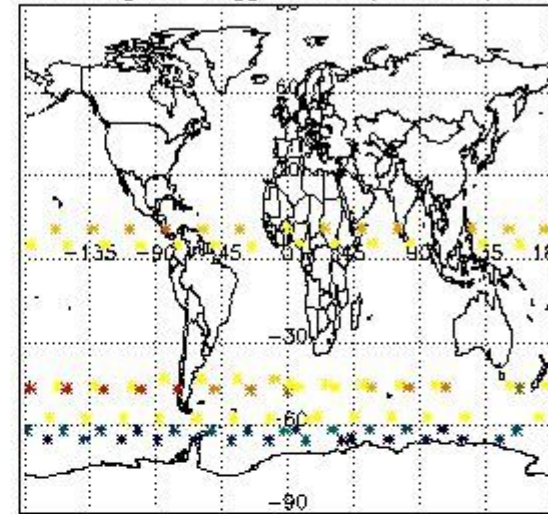
3.2 Plot quality information per product (world map)



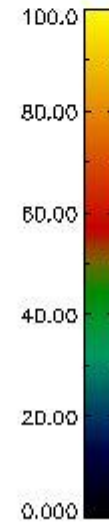
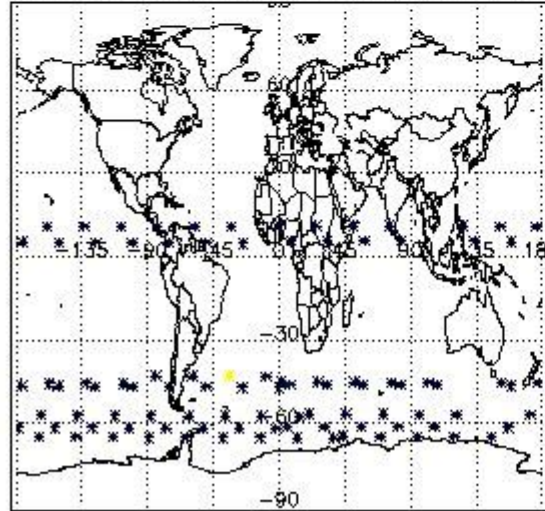
Percentage of flagged data per O3 profile



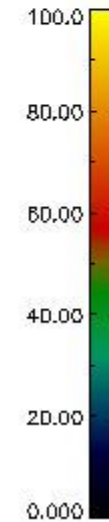
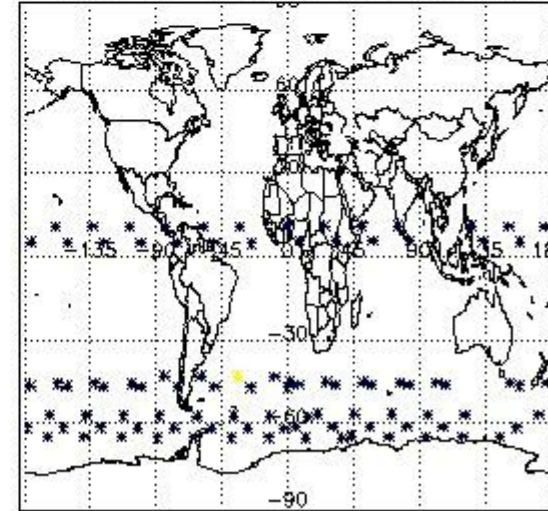
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

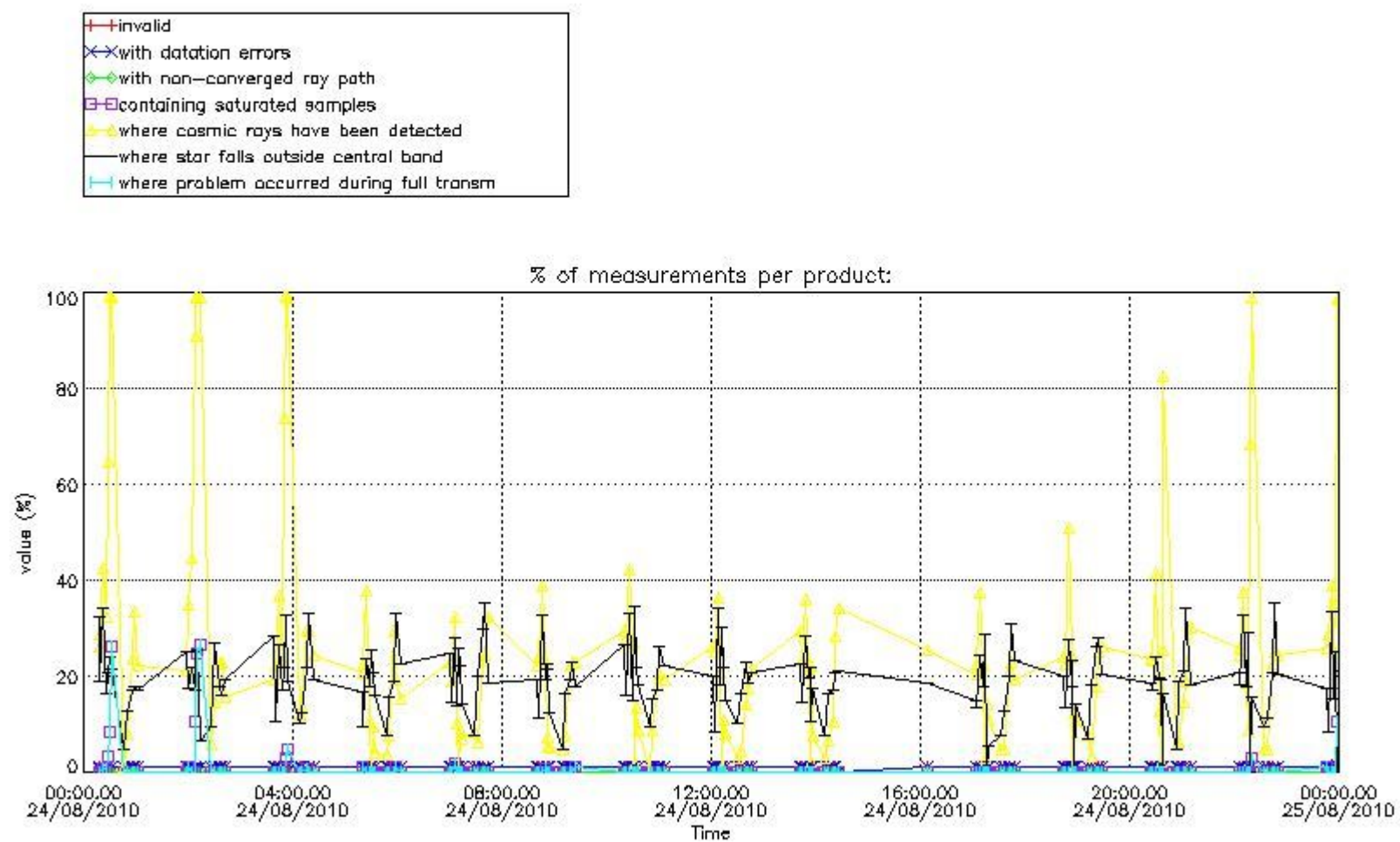


#### 4. Level 1 quality information per product

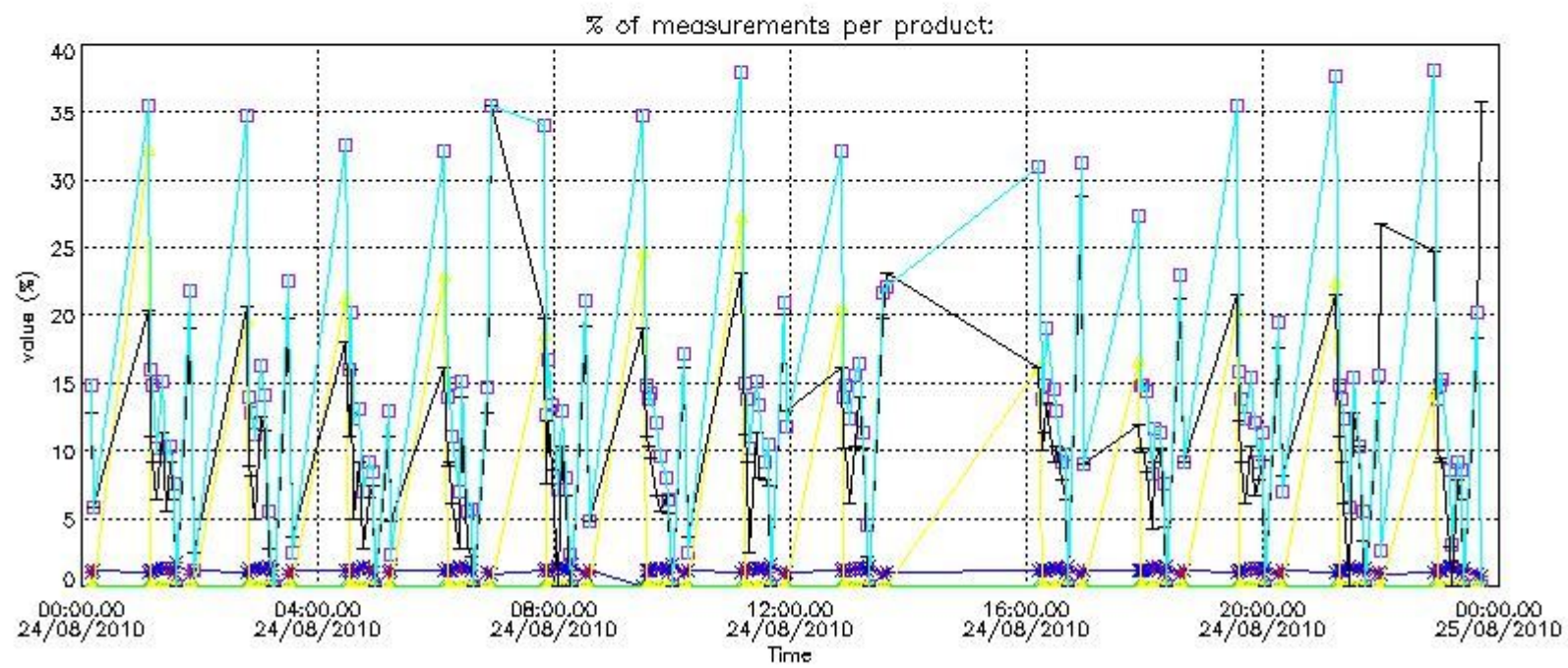
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



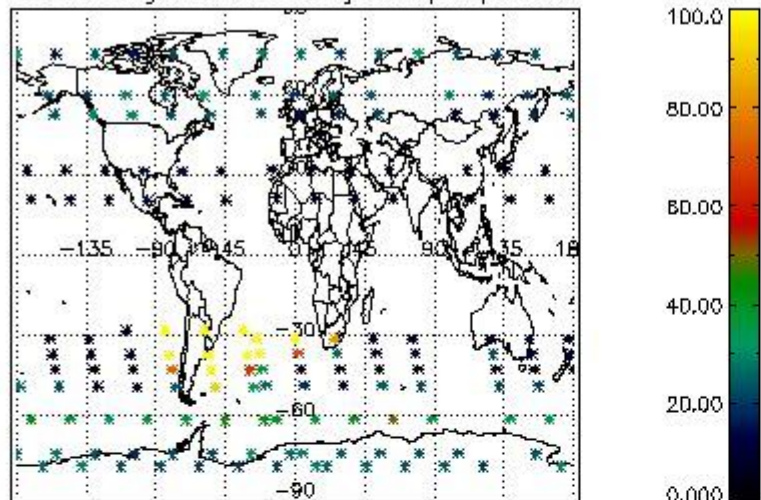
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



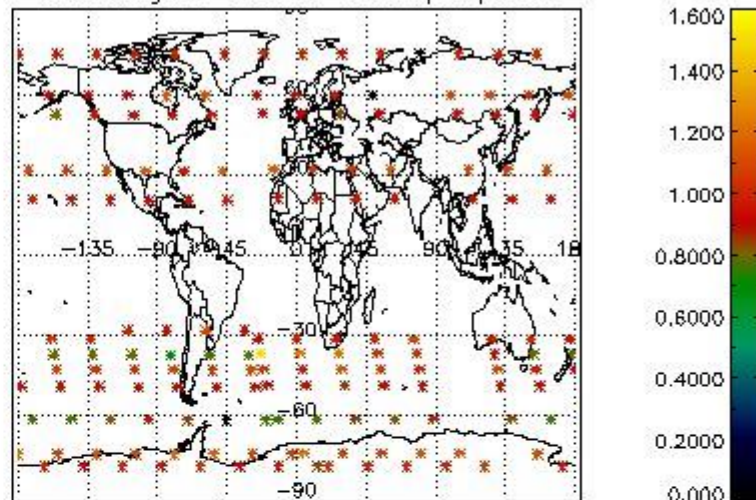
4.2 Plot quality information per product coming from level 1b processing (world map)

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

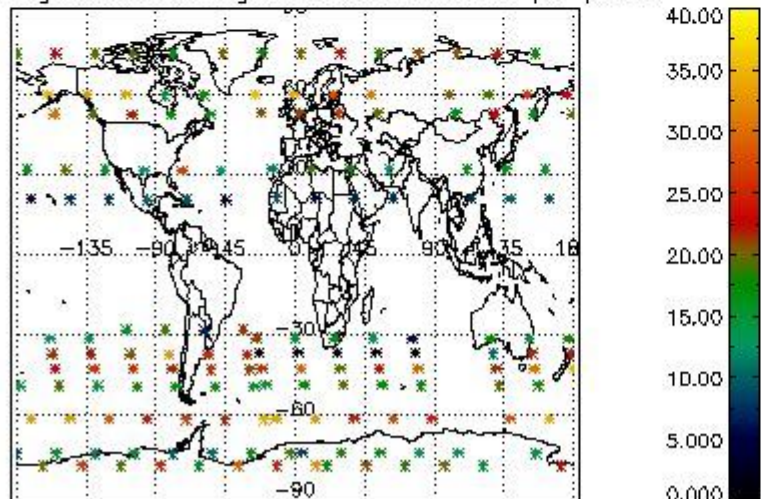
Percentage of cosmic ray hits per profile



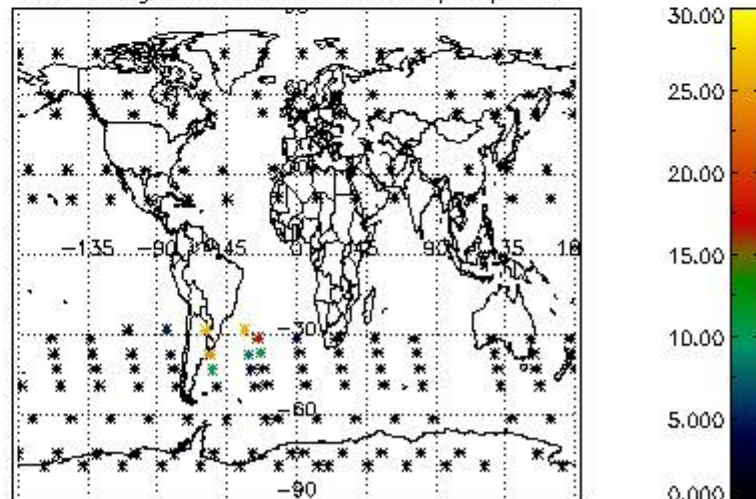
Percentage of datation errors per profile



Percentage of star falling outside central band per profile

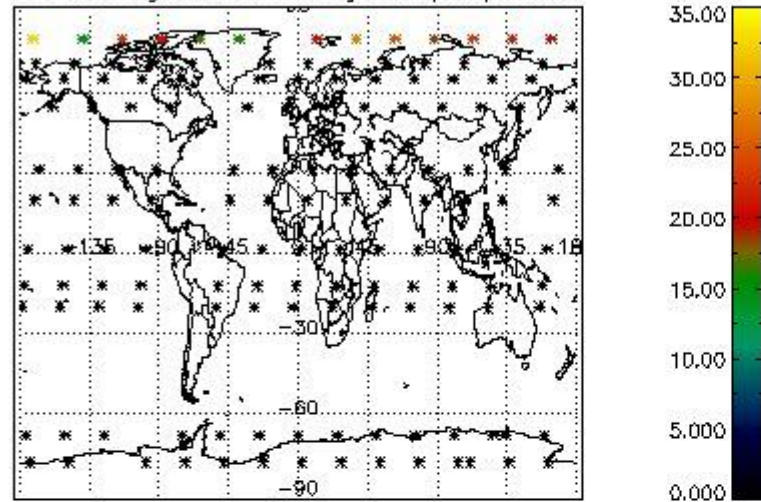


Percentage of saturation errors per profile

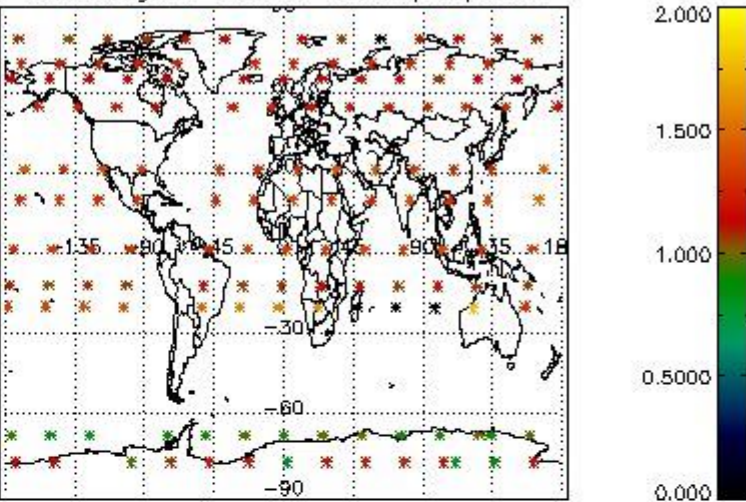


4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes

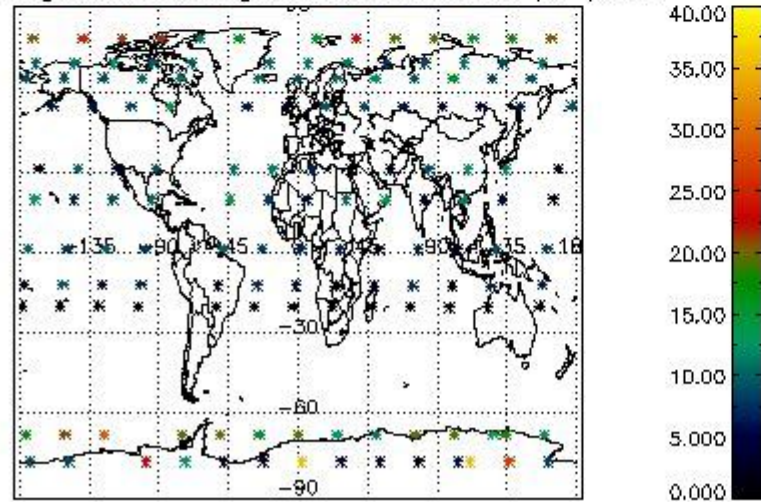
Percentage of cosmic ray hits per profile



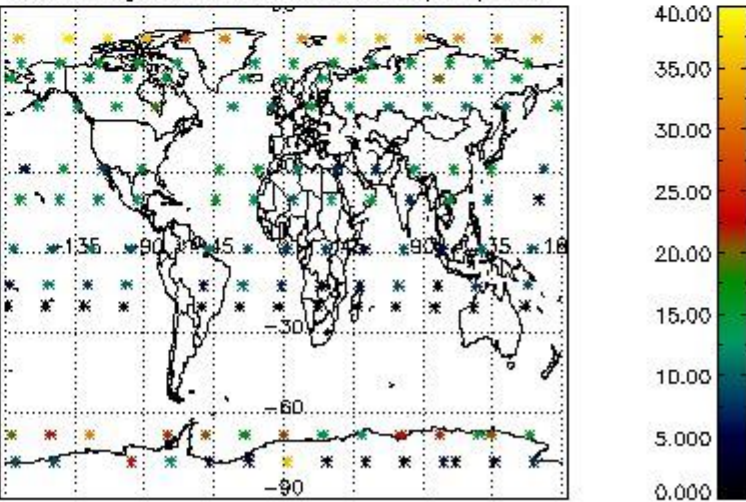
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



## 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

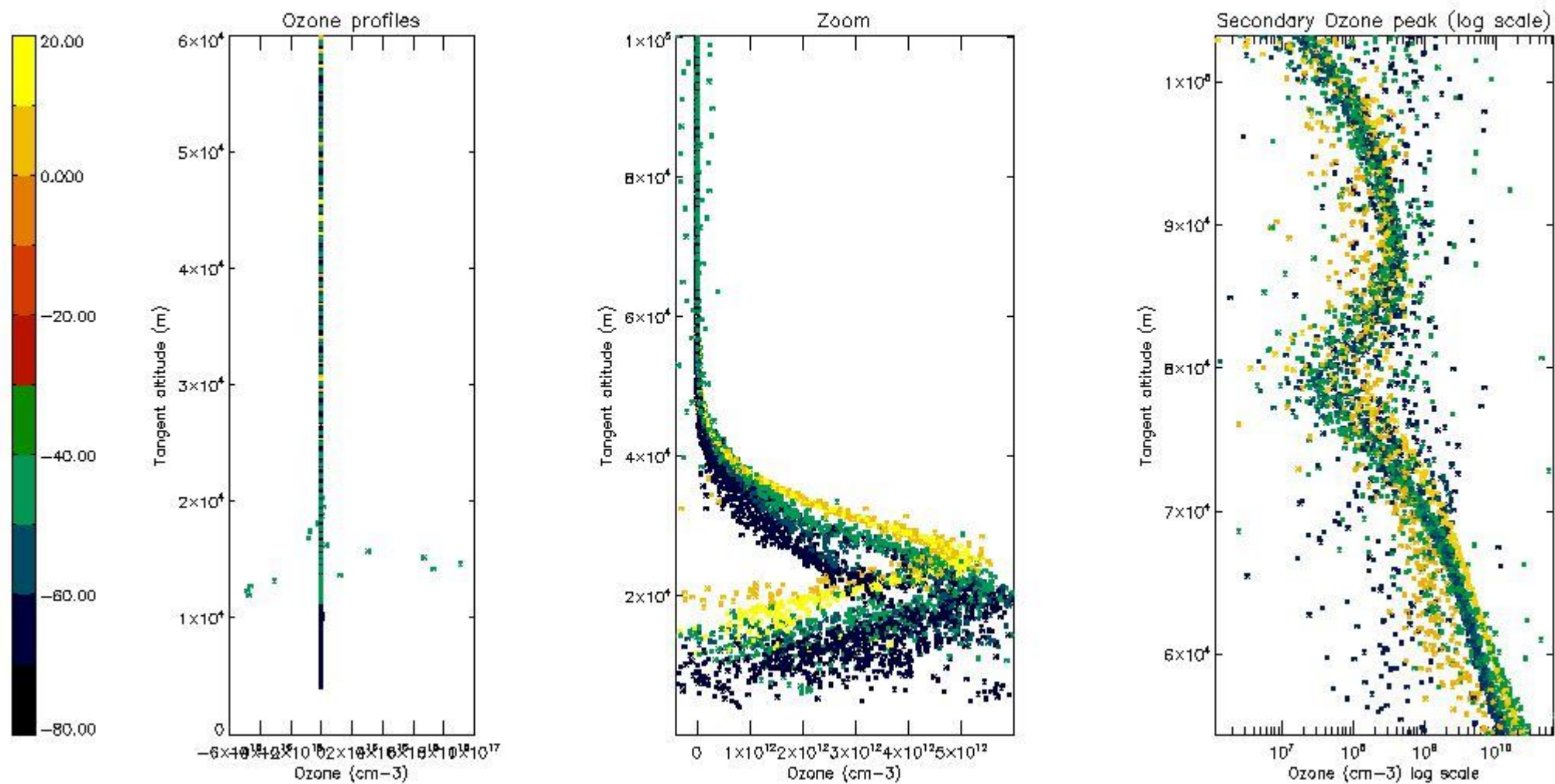
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

|          |    |
|----------|----|
| STD < 10 | 17 |
| STD < 5  | 12 |

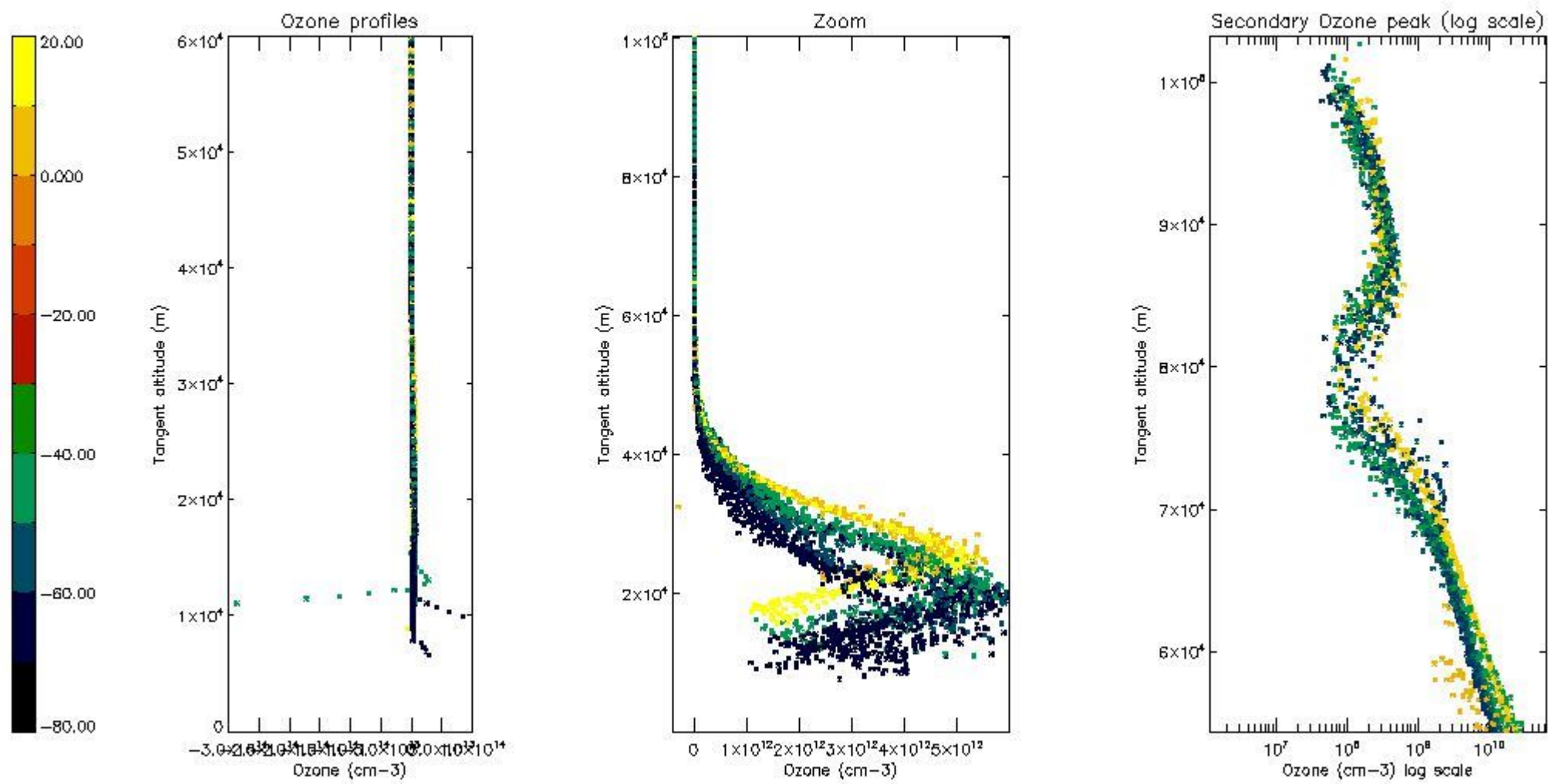
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



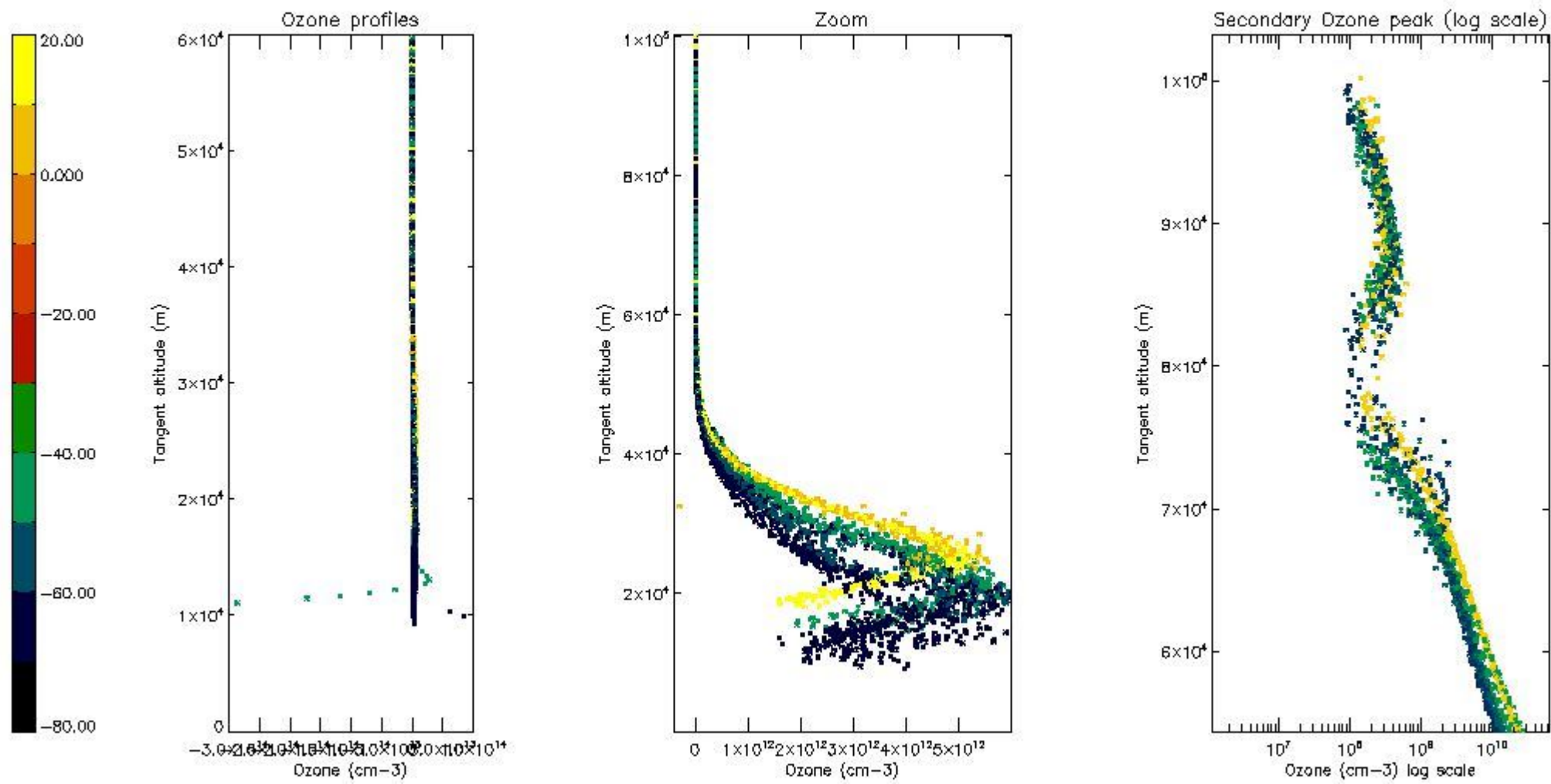
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



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

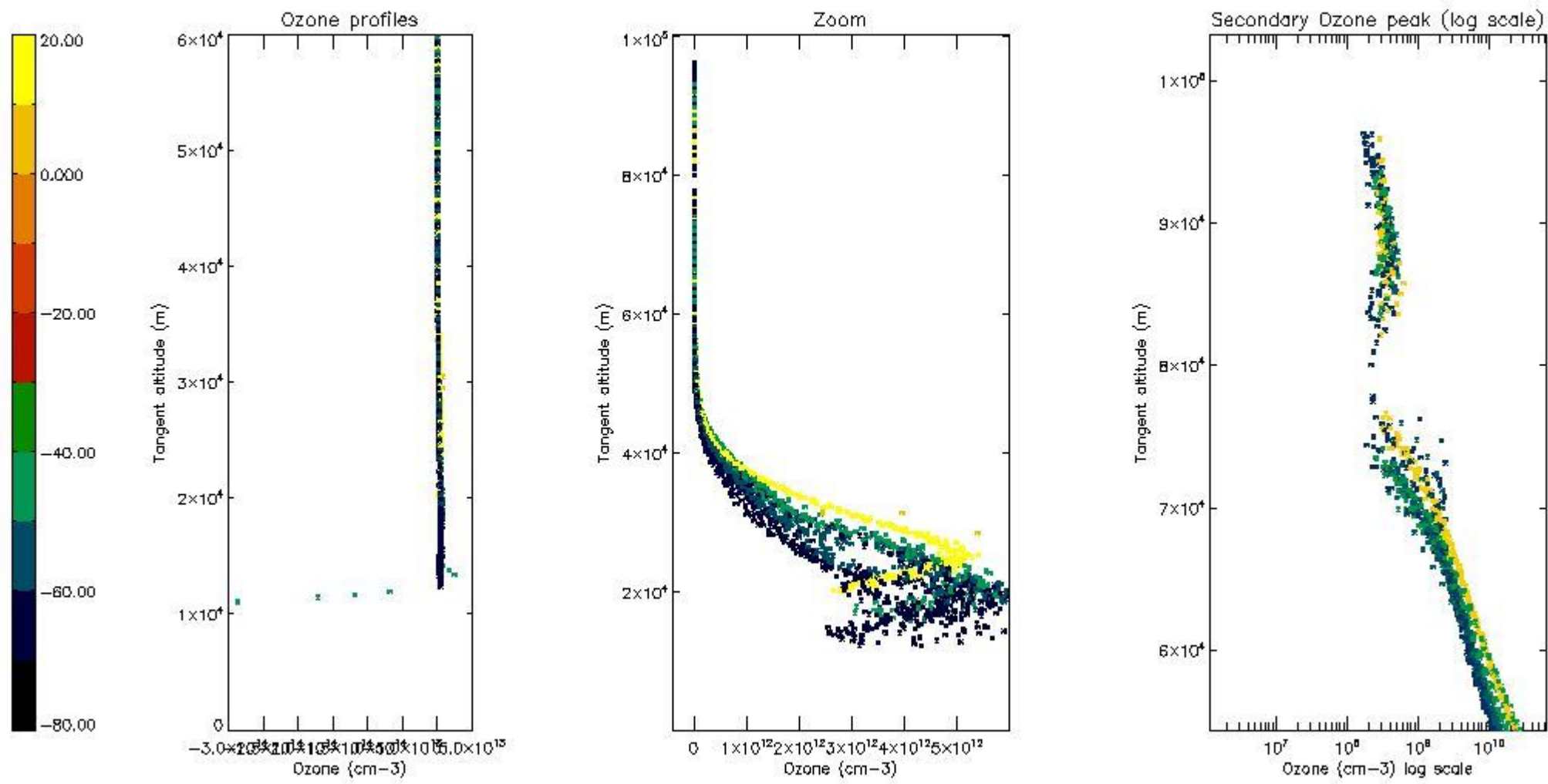
The colorbar represents the latitude.



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

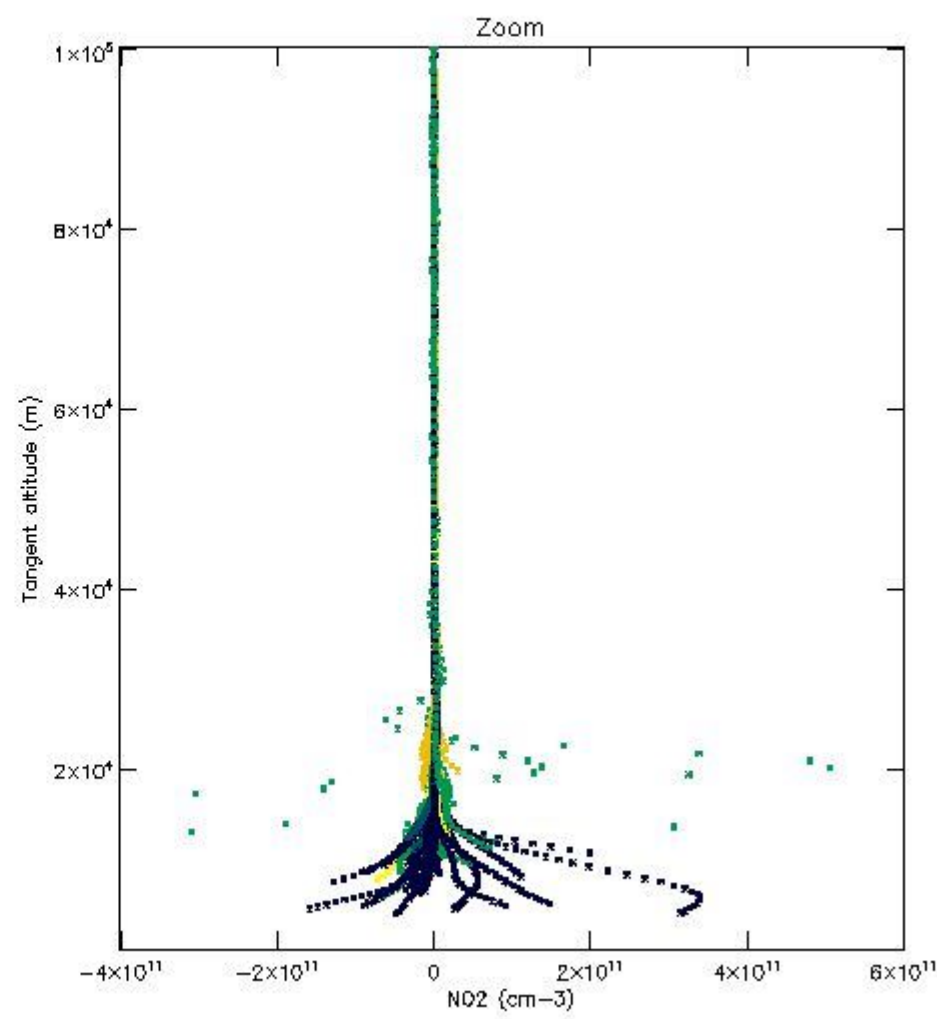
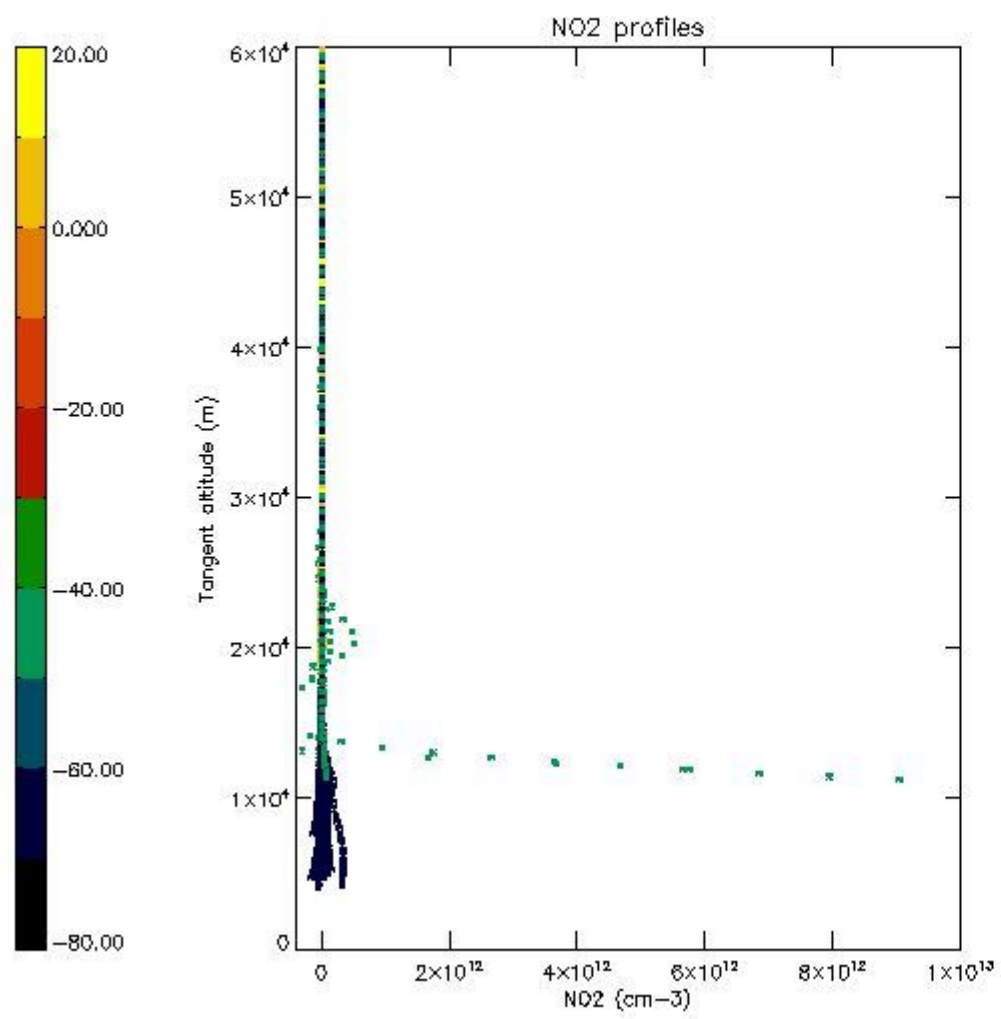
The colorbar represents the latitude.





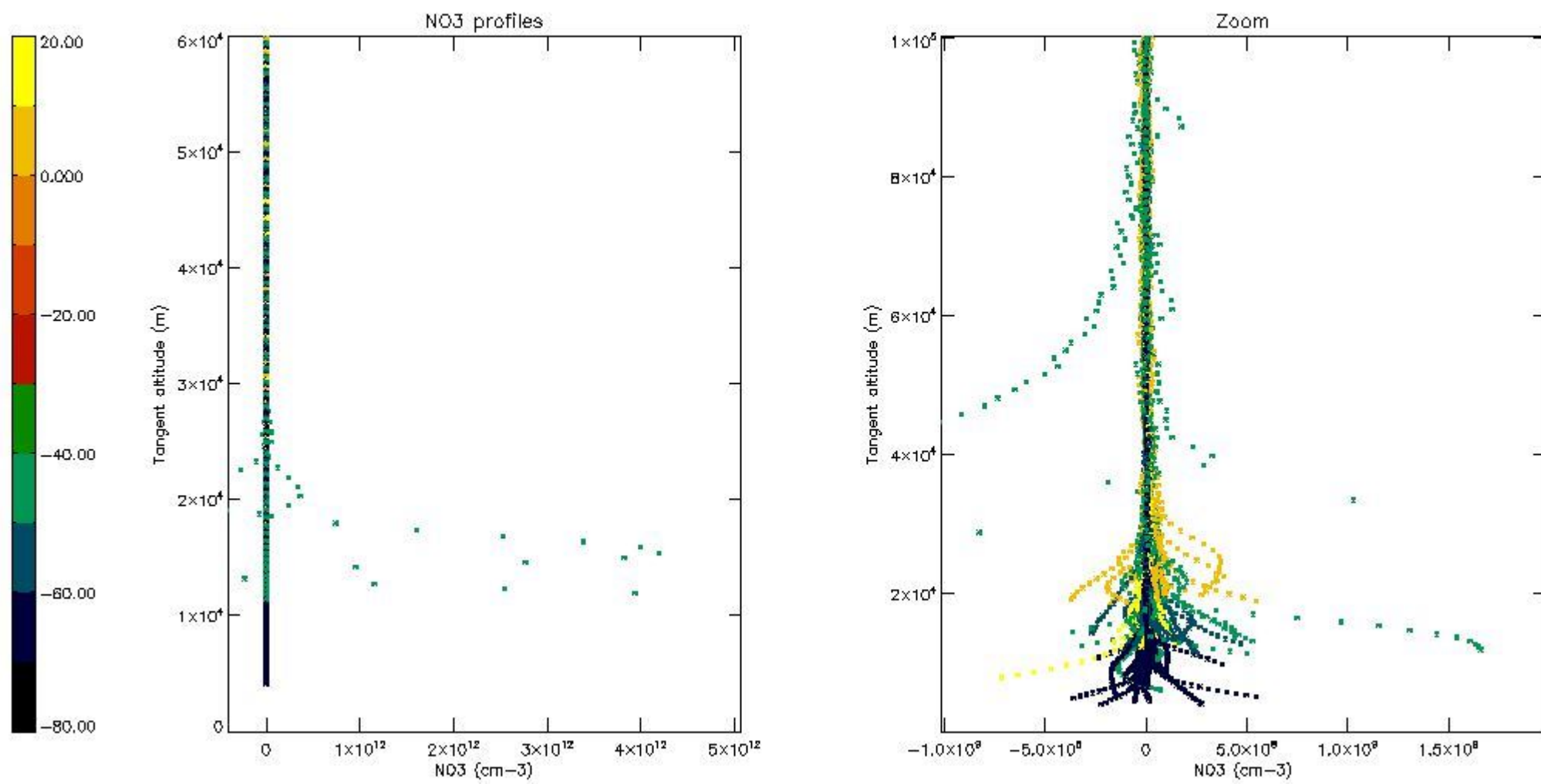
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



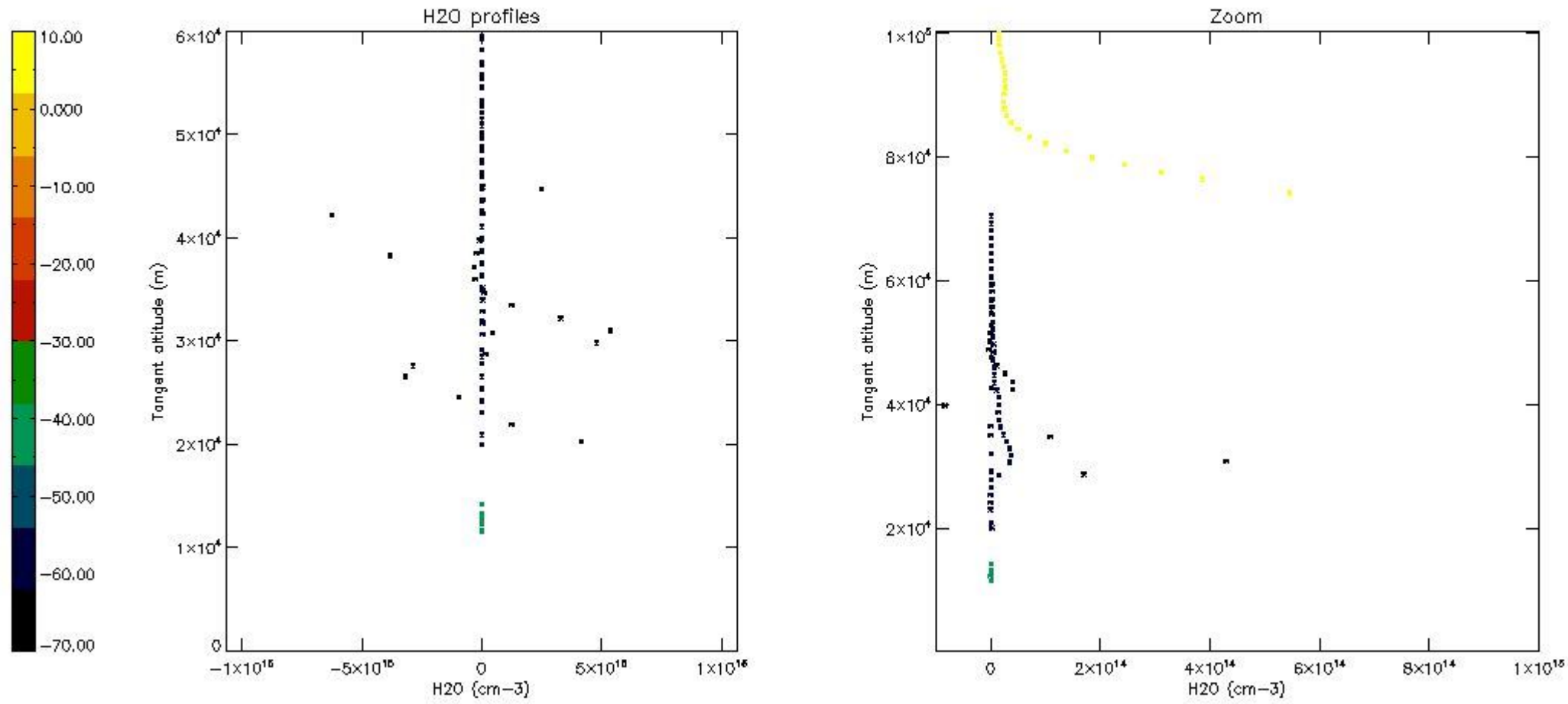
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



5.8 Plot H<sub>2</sub>O profiles for all STD (only for occultations of stars 1,2,3,4,13,14,16,26,63 dark without errors)

The colorbar represents the latitude.



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

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

| Type                      | Auxiliary Filename  | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1                  | 24-AUG-2010 00:09:24    |
| LEVEL-2_PROC_CONFIG       | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1                  | 24-AUG-2010 00:09:24    |
| CROSS_SECTIONS_FILE       | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1                  | 24-AUG-2010 00:09:24    |

# GOMOS Level 2 Daily Report

## SUMMARY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

| Item                      | Value                           |
|---------------------------|---------------------------------|
| Time of report generation | 29APR2013 14:36:31              |
| Data source version       | GOMOS/6.01                      |
| Start time of products    | 24-08-2010 (24AUG2010 00:00:00) |
| Stop time of products     | 25-08-2010 (25AUG2010 00:00:00) |
| Store outputs in DB       | Yes                             |
| Nb of level 2 prods       | 309                             |
| 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__2PRFIN20100824_000924_000000512092_00202_44344_8620.N1 | 24-AUG-2010 00:09:24 | Bright     | 50.500   | 6       | 13Alp Aur | 0.080000 | 3400.0    | 101     | 44344 | No          |
| 2  | GOM_NL__2PRFIN20100824_001238_000000432092_00202_44344_8621.N1 | 24-AUG-2010 00:12:38 | Bright     | 42.500   | 107     | 37The Aur | 2.6490   | 11000.    | 85      | 44344 | No          |
| 3  | GOM_NL__2PRFIN20100824_001716_000000592092_00202_44344_8622.N1 | 24-AUG-2010 00:17:16 | Twilight   | 59.000   | 151     | 13Mu Gem  | 2.8900   | 3000.0    | 118     | 44344 | No          |
| 4  | GOM_NL__2PRFIN20100824_001855_000000482092_00202_44344_8623.N1 | 24-AUG-2010 00:18:55 | Twilight   | 47.500   | 44      | 24Gam Gem | 1.9280   | 11000.    | 95      | 44344 | No          |
| 5  | GOM_NL__2PRFIN20100824_002250_000000662092_00202_44344_8624.N1 | 24-AUG-2010 00:22:50 | Dark       | 66.000   | 14      | 58Alp Ori | 0.87000  | 3000.0    | 132     | 44344 | No          |
| 6  | GOM_NL__2PRFIN20100824_002624_000000562092_00202_44344_8625.N1 | 24-AUG-2010 00:26:24 | Dark       | 55.500   | 30      | 46Eps Ori | 1.6940   | 30000.    | 111     | 44344 | No          |
| 7  | GOM_NL__2PRFIN20100824_002815_000000462092_00202_44344_8626.N1 | 24-AUG-2010 00:28:15 | Dark       | 45.500   | 1       | 9Alp CMa  | -1.4400  | 11000.    | 91      | 44344 | No          |
| 8  | GOM_NL__2PRFIN20100824_002948_000000652092_00202_44344_8627.N1 | 24-AUG-2010 00:29:48 | Dark       | 64.500   | 7       | 19Bet Ori | 0.10000  | 14000.    | 129     | 44344 | No          |
| 9  | GOM_NL__2PRFIN20100824_003224_000000542092_00202_44344_8628.N1 | 24-AUG-2010 00:32:24 | Dark       | 53.500   | 139     | 9Bet Lep  | 2.8330   | 5600.0    | 107     | 44344 | No          |
| 10 | GOM_NL__2PRFIN20100824_004602_000000512092_00203_44345_8648.N1 | 24-AUG-2010 00:46:02 | Dark       | 51.000   | 157     | The1Eri   | 2.9060   | 9300.0    | 102     | 44345 | No          |
| 11 | GOM_NL__2PRFIN20100824_004909_000000442092_00203_44345_8649.N1 | 24-AUG-2010 00:49:09 | Dark       | 43.500   | 9       | Alp Eri   | 0.45300  | 24000.    | 87      | 44345 | No          |
| 12 | GOM_NL__2PRFIN20100824_005505_000000532092_00203_44345_8650.N1 | 24-AUG-2010 00:55:05 | Straylight | 52.500   | 84      | Alp Phe   | 2.3970   | 4500.0    | 105     | 44345 | No          |
| 13 | GOM_NL__2PRFIN20100824_005710_000000452092_00203_44345_8651.N1 | 24-AUG-2010 00:57:10 | Straylight | 45.000   | 63      | Bet Gru   | 2.1500   | 2800.0    | 90      | 44345 | No          |
| 14 | GOM_NL__2PRFIN20100824_010153_000000502092_00203_44345_8652.N1 | 24-AUG-2010 01:01:53 | Straylight | 50.000   | 18      | 24Alp PsA | 1.1660   | 9700.0    | 100     | 44345 | No          |
| 15 | GOM_NL__2PRFIN20100824_010704_000000472092_00203_44345_8653.N1 | 24-AUG-2010 01:07:04 | Bright     | 46.500   | 142     | 49Del Cap | 2.8500   | 8900.0    | 93      | 44345 | No          |
| 16 | GOM_NL__2PRFIN20100824_011020_000000412092_00203_44345_8654.N1 | 24-AUG-2010 01:10:20 | Bright     | 40.500   | 154     | 22Bet Aqr | 2.8990   | 5700.0    | 81      | 44345 | No          |
| 17 | GOM_NL__2PRFIN20100824_011203_000000442092_00203_44345_8655.N1 | 24-AUG-2010 01:12:03 | Bright     | 44.000   | 162     | 34Alp Aqr | 2.9440   | 5350.0    | 88      | 44345 | No          |
| 18 | GOM_NL__2PRFIN20100824_011507_000000402092_00203_44345_8656.N1 | 24-AUG-2010 01:15:07 | Bright     | 39.500   | 61      | 8Eps Peg  | 2.1000   | 3900.0    | 79      | 44345 | No          |
| 19 | GOM_NL__2PRFIN20100824_012147_000000402092_00203_44345_8657.N1 | 24-AUG-2010 01:21:47 | Bright     | 39.500   | 92      | 53Eps Cyg | 2.5000   | 4500.0    | 79      | 44345 | No          |
| 20 | GOM_NL__2PRFIN20100824_012500_000000372092_00203_44345_8658.N1 | 24-AUG-2010 01:25:00 | Bright     | 36.500   | 19      | 50Alp Cyg | 1.2460   | 10500.    | 73      | 44345 | No          |
| 21 | GOM_NL__2PRFIN20100824_013011_000000392092_00203_44345_8659.N1 | 24-AUG-2010 01:30:11 | Bright     | 38.500   | 89      | 5Alp Cep  | 2.4510   | 8000.0    | 77      | 44345 | No          |
| 22 | GOM_NL__2PRFIN20100824_013403_000000472092_00203_44345_8660.N1 | 24-AUG-2010 01:34:03 | Bright     | 46.500   | 74      | 11Bet Cas | 2.2680   | 6600.0    | 93      | 44345 | No          |
| 23 | GOM_NL__2PRFIN20100824_013616_000000282092_00203_44345_8661.N1 | 24-AUG-2010 01:36:16 | Twilight   | 28.000   | 76      | 27Gam Cas | 2.3000   | 30000.    | 56      | 44345 | No          |
| 24 | GOM_NL__2PRFIN20100824_014959_000000552092_00203_44345_8662.N1 | 24-AUG-2010 01:49:59 | Bright     | 55.000   | 6       | 13Alp Aur | 0.080000 | 3400.0    | 110     | 44345 | No          |
| 25 | GOM_NL__2PRFIN20100824_015314_000000412092_00203_44345_8663.N1 | 24-AUG-2010 01:53:14 | Bright     | 40.500   | 107     | 37The Aur | 2.6490   | 11000.    | 81      | 44345 | No          |
| 26 | GOM_NL__2PRFIN20100824_015752_000000522092_00203_44345_8664.N1 | 24-AUG-2010 01:57:52 | Twilight   | 52.000   | 151     | 13Mu Gem  | 2.8900   | 3000.0    | 104     | 44345 | No          |
| 27 | GOM_NL__2PRFIN20100824_015931_000000462092_00203_44345_8665.N1 | 24-AUG-2010 01:59:31 | Twilight   | 46.000   | 44      | 24Gam Gem | 1.9280   | 11000.    | 92      | 44345 | No          |
| 28 | GOM_NL__2PRFIN20100824_020327_000000552092_00203_44345_8666.N1 | 24-AUG-2010 02:03:27 | Dark       | 55.000   | 14      | 58Alp Ori | 0.87000  | 3000.0    | 110     | 44345 | No          |
| 29 | GOM_NL__2PRFIN20100824_020701_000000562092_00203_44345_8667.N1 | 24-AUG-2010 02:07:01 | Dark       | 55.500   | 30      | 46Eps Ori | 1.6940   | 30000.    | 111     | 44345 | No          |
| 30 | GOM_NL__2PRFIN20100824_020851_000000482092_00203_44345_8668.N1 | 24-AUG-2010 02:08:51 | Dark       | 48.000   | 1       | 9Alp CMa  | -1.4400  | 11000.    | 96      | 44345 | No          |
| 31 | GOM_NL__2PRFIN20100824_021025_000000652092_00203_44345_8669.N1 | 24-AUG-2010 02:10:25 | Dark       | 65.000   | 7       | 19Bet Ori | 0.10000  | 14000.    | 130     | 44345 | No          |
| 32 | GOM_NL__2PRFIN20100824_021300_000000462092_00203_44345_8670.N1 | 24-AUG-2010 02:13:00 | Dark       | 45.500   | 139     | 9Bet Lep  | 2.8330   | 5600.0    | 91      | 44345 | No          |
| 33 | GOM_NL__2PRFIN20100824_022639_000000532092_00204_44346_8656.N1 | 24-AUG-2010 02:26:39 | Dark       | 53.000   | 157     | The1Eri   | 2.9060   | 9300.0    | 106     | 44346 | No          |
| 34 | GOM_NL__2PRFIN20100824_022946_000000522092_00204_44346_8657.N1 | 24-AUG-2010 02:29:46 | Dark       | 52.000   | 9       | Alp Eri   | 0.45300  | 24000.    | 104     | 44346 | No          |
| 35 | GOM_NL__2PRFIN20100824_023542_000000542092_00204_44346_8658.N1 | 24-AUG-2010 02:35:42 | Straylight | 53.500   | 84      | Alp Phe   | 2.3970   | 4500.0    | 107     | 44346 | No          |
| 36 | GOM_NL__2PRFIN20100824_023746_000000442092_00204_44346_8659.N1 | 24-AUG-2010 02:37:46 | Straylight | 44.000   | 63      | Bet Gru   | 2.1500   | 2800.0    | 88      | 44346 | No          |
| 37 | GOM_NL__2PRFIN20100824_024229_000000522092_00204_44346_8660.N1 | 24-AUG-2010 02:42:29 | Straylight | 51.500   | 18      | 24Alp PsA | 1.1660   | 9700.0    | 103     | 44346 | No          |
| 38 | GOM_NL__2PRFIN20100824_024740_000000462092_00204_44346_8661.N1 | 24-AUG-2010 02:47:40 | Bright     | 46.000   | 142     | 49Del Cap | 2.8500   | 8900.0    | 92      | 44346 | No          |
| 39 | GOM_NL__2PRFIN20100824_025056_000000402092_00204_44346_8662.N1 | 24-AUG-2010 02:50:56 | Bright     | 39.500   | 154     | 22Bet Aqr | 2.8990   | 5700.0    | 79      | 44346 | No          |
| 40 | GOM_NL__2PRFIN20100824_025239_000000432092_00204_44346_8663.N1 | 24-AUG-2010 02:52:39 | Bright     | 43.000   | 162     | 34Alp Aqr | 2.9440   | 5350.0    | 86      | 44346 | No          |
| 41 | GOM_NL__2PRFIN20100824_025543_000000402092_00204_44346_8664.N1 | 24-AUG-2010 02:55:43 | Bright     | 40.000   | 61      | 8Eps Peg  | 2.1000   | 3900.0    | 80      | 44346 | No          |
| 42 | GOM_NL__2PRFIN20100824_030223_000000402092_00204_44346_8665.N1 | 24-AUG-2010 03:02:23 | Bright     | 40.000   | 92      | 53Eps Cyg | 2.5000   | 4500.0    | 80      | 44346 | No          |

|     |  |                      |                |        |     |           |          |        |     |       |    |
|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 43  | GOM_NL__2PRFIN20100824_030535_000000392092_00204_44346_8666.N1 | 24-AUG-2010 03:05:35 | Bright         | 39.000 | 19  | 50Alp Cyg | 1.2460   | 10500. | 78  | 44346 | No |
| 44  | GOM_NL__2PRFIN20100824_031047_000000362092_00204_44346_8667.N1 | 24-AUG-2010 03:10:47 | Bright         | 36.000 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 72  | 44346 | No |
| 45  | GOM_NL__2PRFIN20100824_031438_000000422092_00204_44346_8668.N1 | 24-AUG-2010 03:14:38 | Bright         | 42.000 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 84  | 44346 | No |
| 46  | GOM_NL__2PRFIN20100824_031651_000000292092_00204_44346_8669.N1 | 24-AUG-2010 03:16:51 | Tw_i_and_stray | 28.500 | 76  | 27Gam Cas | 2.3000   | 30000. | 57  | 44346 | No |
| 47  | GOM_NL__2PRFIN20100824_033035_000000562092_00204_44346_8670.N1 | 24-AUG-2010 03:30:35 | Bright         | 55.500 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 111 | 44346 | No |
| 48  | GOM_NL__2PRFIN20100824_033350_000000422092_00204_44346_8671.N1 | 24-AUG-2010 03:33:50 | Bright         | 41.500 | 107 | 37The Aur | 2.6490   | 11000. | 83  | 44346 | No |
| 49  | GOM_NL__2PRFIN20100824_033828_000000552092_00204_44346_8672.N1 | 24-AUG-2010 03:38:28 | Tw_i_and_stray | 54.500 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 109 | 44346 | No |
| 50  | GOM_NL__2PRFIN20100824_034007_000000432092_00204_44346_8673.N1 | 24-AUG-2010 03:40:07 | Tw_i_and_stray | 43.000 | 44  | 24Gam Gem | 1.9280   | 11000. | 86  | 44346 | No |
| 51  | GOM_NL__2PRFIN20100824_034403_000000592092_00204_44346_8674.N1 | 24-AUG-2010 03:44:03 | Dark           | 58.500 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 117 | 44346 | No |
| 52  | GOM_NL__2PRFIN20100824_034737_000000562092_00204_44346_8675.N1 | 24-AUG-2010 03:47:37 | Dark           | 55.500 | 30  | 46Eps Ori | 1.6940   | 30000. | 111 | 44346 | No |
| 53  | GOM_NL__2PRFIN20100824_034927_000000462092_00204_44346_8676.N1 | 24-AUG-2010 03:49:27 | Dark           | 46.000 | 1   | 9Alp CMa  | -1.4400  | 11000. | 92  | 44346 | No |
| 54  | GOM_NL__2PRFIN20100824_035102_000000722092_00204_44346_8677.N1 | 24-AUG-2010 03:51:02 | Dark           | 72.000 | 7   | 19Bet Ori | 0.10000  | 14000. | 144 | 44346 | No |
| 55  | GOM_NL__2PRFIN20100824_035337_000000532092_00204_44346_8678.N1 | 24-AUG-2010 03:53:37 | Dark           | 53.000 | 139 | 9Bet Lep  | 2.8330   | 5600.0 | 106 | 44346 | No |
| 56  | GOM_NL__2PRFIN20100824_040716_000000552092_00205_44347_8665.N1 | 24-AUG-2010 04:07:16 | Dark           | 54.500 | 157 | The1Eri   | 2.9060   | 9300.0 | 109 | 44347 | No |
| 57  | GOM_NL__2PRFIN20100824_041022_000000442092_00205_44347_8666.N1 | 24-AUG-2010 04:10:22 | Dark           | 44.000 | 9   | Alp Eri   | 0.45300  | 24000. | 88  | 44347 | No |
| 58  | GOM_NL__2PRFIN20100824_041618_000000572092_00205_44347_8667.N1 | 24-AUG-2010 04:16:18 | Straylight     | 57.000 | 84  | Alp Phe   | 2.3970   | 4500.0 | 114 | 44347 | No |
| 59  | GOM_NL__2PRFIN20100824_041822_000000552092_00205_44347_8668.N1 | 24-AUG-2010 04:18:22 | Straylight     | 54.500 | 63  | Bet Gru   | 2.1500   | 2800.0 | 109 | 44347 | No |
| 60  | GOM_NL__2PRFIN20100824_042305_000000522092_00205_44347_8669.N1 | 24-AUG-2010 04:23:05 | Straylight     | 51.500 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 103 | 44347 | No |
| 61  | GOM_NL__2PRFIN20100824_042816_000000452092_00205_44347_8670.N1 | 24-AUG-2010 04:28:16 | Bright         | 44.500 | 142 | 49Del Cap | 2.8500   | 8900.0 | 89  | 44347 | No |
| 62  | GOM_NL__2PRFIN20100824_043132_000000412092_00205_44347_8671.N1 | 24-AUG-2010 04:31:32 | Bright         | 40.500 | 154 | 22Bet Aqr | 2.8990   | 5700.0 | 81  | 44347 | No |
| 63  | GOM_NL__2PRFIN20100824_043315_000000472092_00205_44347_8672.N1 | 24-AUG-2010 04:33:15 | Bright         | 47.000 | 162 | 34Alp Aqr | 2.9440   | 5350.0 | 94  | 44347 | No |
| 64  | GOM_NL__2PRFIN20100824_043619_000000412092_00205_44347_8673.N1 | 24-AUG-2010 04:36:19 | Bright         | 40.500 | 61  | 8Eps Peg  | 2.1000   | 3900.0 | 81  | 44347 | No |
| 65  | GOM_NL__2PRFIN20100824_044259_000000382092_00205_44347_8674.N1 | 24-AUG-2010 04:42:59 | Bright         | 38.000 | 92  | 53Eps Cyg | 2.5000   | 4500.0 | 76  | 44347 | No |
| 66  | GOM_NL__2PRFIN20100824_044611_000000362092_00205_44347_8675.N1 | 24-AUG-2010 04:46:11 | Bright         | 35.500 | 19  | 50Alp Cyg | 1.2460   | 10500. | 71  | 44347 | No |
| 67  | GOM_NL__2PRFIN20100824_045122_000000382092_00205_44347_8676.N1 | 24-AUG-2010 04:51:22 | Bright         | 38.000 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 76  | 44347 | No |
| 68  | GOM_NL__2PRFIN20100824_045513_000000482092_00205_44347_8677.N1 | 24-AUG-2010 04:55:13 | Bright         | 47.500 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 95  | 44347 | No |
| 69  | GOM_NL__2PRFIN20100824_045726_000000292092_00205_44347_8678.N1 | 24-AUG-2010 04:57:26 | Tw_i_and_stray | 28.500 | 76  | 27Gam Cas | 2.3000   | 30000. | 57  | 44347 | No |
| 70  | GOM_NL__2PRFIN20100824_051111_000000502092_00205_44347_8679.N1 | 24-AUG-2010 05:11:11 | Bright         | 50.000 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 100 | 44347 | No |
| 71  | GOM_NL__2PRFIN20100824_051426_000000422092_00205_44347_8680.N1 | 24-AUG-2010 05:14:26 | Bright         | 42.000 | 107 | 37The Aur | 2.6490   | 11000. | 84  | 44347 | No |
| 72  | GOM_NL__2PRFIN20100824_051904_000000482092_00205_44347_8681.N1 | 24-AUG-2010 05:19:04 | Tw_i_and_stray | 48.000 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 96  | 44347 | No |
| 73  | GOM_NL__2PRFIN20100824_052043_000000432092_00205_44347_8682.N1 | 24-AUG-2010 05:20:43 | Tw_i_and_stray | 42.500 | 44  | 24Gam Gem | 1.9280   | 11000. | 85  | 44347 | No |
| 74  | GOM_NL__2PRFIN20100824_052440_000000572092_00205_44347_8683.N1 | 24-AUG-2010 05:24:40 | Dark           | 57.000 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 114 | 44347 | No |
| 75  | GOM_NL__2PRFIN20100824_052814_000000562092_00205_44347_8684.N1 | 24-AUG-2010 05:28:14 | Dark           | 56.000 | 30  | 46Eps Ori | 1.6940   | 30000. | 112 | 44347 | No |
| 76  | GOM_NL__2PRFIN20100824_053004_000000492092_00205_44347_8685.N1 | 24-AUG-2010 05:30:04 | Dark           | 49.000 | 1   | 9Alp CMa  | -1.4400  | 11000. | 98  | 44347 | No |
| 77  | GOM_NL__2PRFIN20100824_053139_000000632092_00205_44347_8686.N1 | 24-AUG-2010 05:31:39 | Dark           | 63.000 | 7   | 19Bet Ori | 0.10000  | 14000. | 126 | 44347 | No |
| 78  | GOM_NL__2PRFIN20100824_053414_000000512092_00205_44347_8687.N1 | 24-AUG-2010 05:34:14 | Dark           | 50.500 | 139 | 9Bet Lep  | 2.8330   | 5600.0 | 101 | 44347 | No |
| 79  | GOM_NL__2PRFIN20100824_054753_000000532092_00206_44348_8675.N1 | 24-AUG-2010 05:47:53 | Dark           | 53.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 106 | 44348 | No |
| 80  | GOM_NL__2PRFIN20100824_055059_000000452092_00206_44348_8676.N1 | 24-AUG-2010 05:50:59 | Dark           | 45.000 | 9   | Alp Eri   | 0.45300  | 24000. | 90  | 44348 | No |
| 81  | GOM_NL__2PRFIN20100824_055655_000000532092_00206_44348_8677.N1 | 24-AUG-2010 05:56:55 | Straylight     | 52.500 | 84  | Alp Phe   | 2.3970   | 4500.0 | 105 | 44348 | No |
| 82  | GOM_NL__2PRFIN20100824_055859_000000552092_00206_44348_8678.N1 | 24-AUG-2010 05:58:59 | Straylight     | 54.500 | 63  | Bet Gru   | 2.1500   | 2800.0 | 109 | 44348 | No |
| 83  | GOM_NL__2PRFIN20100824_060342_000000532092_00206_44348_8679.N1 | 24-AUG-2010 06:03:42 | Straylight     | 53.000 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 106 | 44348 | No |
| 84  | GOM_NL__2PRFIN20100824_060852_000000442092_00206_44348_8680.N1 | 24-AUG-2010 06:08:52 | Bright         | 43.500 | 142 | 49Del Cap | 2.8500   | 8900.0 | 87  | 44348 | No |
| 85  | GOM_NL__2PRFIN20100824_061208_000000402092_00206_44348_8681.N1 | 24-AUG-2010 06:12:08 | Bright         | 39.500 | 154 | 22Bet Aqr | 2.8990   | 5700.0 | 79  | 44348 | No |
| 86  | GOM_NL__2PRFIN20100824_061351_000000442092_00206_44348_8682.N1 | 24-AUG-2010 06:13:51 | Bright         | 43.500 | 162 | 34Alp Aqr | 2.9440   | 5350.0 | 87  | 44348 | No |
| 87  | GOM_NL__2PRFIN20100824_061654_000000412092_00206_44348_8683.N1 | 24-AUG-2010 06:16:54 | Bright         | 40.500 | 61  | 8Eps Peg  | 2.1000   | 3900.0 | 81  | 44348 | No |
| 88  | GOM_NL__2PRFIN20100824_062335_000000362092_00206_44348_8684.N1 | 24-AUG-2010 06:23:35 | Bright         | 35.500 | 92  | 53Eps Cyg | 2.5000   | 4500.0 | 71  | 44348 | No |
| 89  | GOM_NL__2PRFIN20100824_062647_000000402092_00206_44348_8685.N1 | 24-AUG-2010 06:26:47 | Bright         | 39.500 | 19  | 50Alp Cyg | 1.2460   | 10500. | 79  | 44348 | No |
| 90  | GOM_NL__2PRFIN20100824_063159_000000372092_00206_44348_8686.N1 | 24-AUG-2010 06:31:59 | Bright         | 36.500 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 73  | 44348 | No |
| 91  | GOM_NL__2PRFIN20100824_063549_000000452092_00206_44348_8687.N1 | 24-AUG-2010 06:35:49 | Bright         | 44.500 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 89  | 44348 | No |
| 92  | GOM_NL__2PRFIN20100824_063802_000000312092_00206_44348_8688.N1 | 24-AUG-2010 06:38:02 | Tw_i_and_stray | 30.500 | 76  | 27Gam Cas | 2.3000   | 30000. | 61  | 44348 | No |
| 93  | GOM_NL__2PRFIN20100824_065147_000000512092_00206_44348_8689.N1 | 24-AUG-2010 06:51:47 | Bright         | 51.000 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 102 | 44348 | No |
| 94  | GOM_NL__2PRFIN20100824_065502_000000622092_00206_44348_8690.N1 | 24-AUG-2010 06:55:02 | Bright         | 62.000 | 107 | 37The Aur | 2.6490   | 11000. | 124 | 44348 | No |
| 95  | GOM_NL__2PRFIN20100824_065940_000000532092_00206_44348_8691.N1 | 24-AUG-2010 06:59:40 | Tw_i_and_stray | 52.500 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 105 | 44348 | No |
| 96  | GOM_NL__2PRFIN20100824_070120_000000452092_00206_44348_8692.N1 | 24-AUG-2010 07:01:20 | Tw_i_and_stray | 45.000 | 44  | 24Gam Gem | 1.9280   | 11000. | 90  | 44348 | No |
| 97  | GOM_NL__2PRFIN20100824_070516_000000612092_00206_44348_8693.N1 | 24-AUG-2010 07:05:16 | Dark           | 60.500 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 121 | 44348 | No |
| 98  | GOM_NL__2PRFIN20100824_070851_000000542092_00206_44348_8694.N1 | 24-AUG-2010 07:08:51 | Dark           | 54.000 | 30  | 46Eps Ori | 1.6940   | 30000. | 108 | 44348 | No |
| 99  | GOM_NL__2PRFIN20100824_071041_000000492092_00206_44348_8695.N1 | 24-AUG-2010 07:10:41 | Dark           | 48.500 | 1   | 9Alp CMa  | -1.4400  | 11000. | 97  | 44348 | No |
| 100 | GOM_NL__2PRFIN20100824_071216_000000642092_00206_44348_8696.N1 | 24-AUG-2010 07:12:16 | Dark           | 63.500 | 7   | 19Bet Ori | 0.10000  | 14000. | 127 | 44348 | No |
| 101 | GOM_NL__2PRFIN20100824_071351_000000502092_00206_44348_8697.N1 | 24-AUG-2010 07:13:51 | Dark           | 50.000 | 101 | 11Alp Lep | 2.5820   | 7000.0 | 100 | 44348 | No |

|     |   |                        |                |        |     |           |          |        |     |       |    |
|-----|---|------------------------|----------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20100824_072830_00000532092_00207_44349_8700.N1 | 24-AUG-2010 07: 28: 30 | Dark           | 53.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 106 | 44349 | No |
| 103 | GOM_NL__2PRFIN20100824_073136_00000482092_00207_44349_8701.N1 | 24-AUG-2010 07: 31: 36 | Dark           | 47.500 | 9   | Alp Eri   | 0.45300  | 24000. | 95  | 44349 | No |
| 104 | GOM_NL__2PRFIN20100824_073732_00000622092_00207_44349_8702.N1 | 24-AUG-2010 07: 37: 32 | Straylight     | 62.000 | 84  | Alp Phe   | 2.3970   | 4500.0 | 124 | 44349 | No |
| 105 | GOM_NL__2PRFIN20100824_073935_00000562092_00207_44349_8703.N1 | 24-AUG-2010 07: 39: 35 | Straylight     | 55.500 | 63  | Bet Gru   | 2.1500   | 2800.0 | 111 | 44349 | No |
| 106 | GOM_NL__2PRFIN20100824_074418_00000512092_00207_44349_8704.N1 | 24-AUG-2010 07: 44: 18 | Straylight     | 51.000 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 102 | 44349 | No |
| 107 | GOM_NL__2PRFIN20100824_074928_00000462092_00207_44349_8705.N1 | 24-AUG-2010 07: 49: 28 | Bright         | 45.500 | 142 | 49Del Cap | 2.8500   | 8900.0 | 91  | 44349 | No |
| 108 | GOM_NL__2PRFIN20100824_075243_00000402092_00207_44349_8706.N1 | 24-AUG-2010 07: 52: 43 | Bright         | 39.500 | 154 | 22Bet Aqr | 2.8990   | 5700.0 | 79  | 44349 | No |
| 109 | GOM_NL__2PRFIN20100824_075426_00000452092_00207_44349_8707.N1 | 24-AUG-2010 07: 54: 26 | Bright         | 45.000 | 162 | 34Alp Aqr | 2.9440   | 5350.0 | 90  | 44349 | No |
| 110 | GOM_NL__2PRFIN20100824_075730_00000412092_00207_44349_8708.N1 | 24-AUG-2010 07: 57: 30 | Bright         | 41.000 | 61  | 8Eps Peg  | 2.1000   | 3900.0 | 82  | 44349 | No |
| 111 | GOM_NL__2PRFIN20100824_080411_00000352092_00207_44349_8709.N1 | 24-AUG-2010 08: 04: 11 | Bright         | 35.000 | 92  | 53Eps Cyg | 2.5000   | 4500.0 | 70  | 44349 | No |
| 112 | GOM_NL__2PRFIN20100824_080723_00000392092_00207_44349_8710.N1 | 24-AUG-2010 08: 07: 23 | Bright         | 38.500 | 19  | 50Alp Cyg | 1.2460   | 10500. | 77  | 44349 | No |
| 113 | GOM_NL__2PRFIN20100824_081234_00000382092_00207_44349_8711.N1 | 24-AUG-2010 08: 12: 34 | Bright         | 37.500 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 75  | 44349 | No |
| 114 | GOM_NL__2PRFIN20100824_081624_00000432092_00207_44349_8712.N1 | 24-AUG-2010 08: 16: 24 | Bright         | 43.000 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 86  | 44349 | No |
| 115 | GOM_NL__2PRFIN20100824_081837_00000312092_00207_44349_8713.N1 | 24-AUG-2010 08: 18: 37 | Tw_i_and_stray | 31.000 | 76  | 27Gam Cas | 2.3000   | 30000. | 62  | 44349 | No |
| 116 | GOM_NL__2PRFIN20100824_083223_00000552092_00207_44349_8714.N1 | 24-AUG-2010 08: 32: 23 | Bright         | 54.500 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 109 | 44349 | No |
| 117 | GOM_NL__2PRFIN20100824_083538_00000422092_00207_44349_8715.N1 | 24-AUG-2010 08: 35: 38 | Bright         | 42.000 | 107 | 37The Aur | 2.6490   | 11000. | 84  | 44349 | No |
| 118 | GOM_NL__2PRFIN20100824_084017_00000502092_00207_44349_8716.N1 | 24-AUG-2010 08: 40: 17 | Tw_i_and_stray | 49.500 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 99  | 44349 | No |
| 119 | GOM_NL__2PRFIN20100824_084156_00000442092_00207_44349_8717.N1 | 24-AUG-2010 08: 41: 56 | Tw_i_and_stray | 44.000 | 44  | 24Gam Gem | 1.9280   | 11000. | 88  | 44349 | No |
| 120 | GOM_NL__2PRFIN20100824_084553_00000662092_00207_44349_8718.N1 | 24-AUG-2010 08: 45: 53 | Dark           | 65.500 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 131 | 44349 | No |
| 121 | GOM_NL__2PRFIN20100824_084928_00000572092_00207_44349_8719.N1 | 24-AUG-2010 08: 49: 28 | Dark           | 57.000 | 30  | 46Eps Ori | 1.6940   | 30000. | 114 | 44349 | No |
| 122 | GOM_NL__2PRFIN20100824_085117_00000472092_00207_44349_8720.N1 | 24-AUG-2010 08: 51: 17 | Dark           | 46.500 | 1   | 9Alp CMa  | -1.4400  | 11000. | 93  | 44349 | No |
| 123 | GOM_NL__2PRFIN20100824_085253_00000632092_00207_44349_8721.N1 | 24-AUG-2010 08: 52: 53 | Dark           | 63.000 | 7   | 19Bet Ori | 0.10000  | 14000. | 126 | 44349 | No |
| 124 | GOM_NL__2PRFIN20100824_085428_00000492092_00207_44349_8722.N1 | 24-AUG-2010 08: 54: 28 | Dark           | 48.500 | 101 | 11Alp Lep | 2.5820   | 7000.0 | 97  | 44349 | No |
| 125 | GOM_NL__2PRFIN20100824_090908_00000512092_00208_44350_8725.N1 | 24-AUG-2010 09: 09: 08 | Dark           | 51.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 102 | 44350 | No |
| 126 | GOM_NL__2PRFIN20100824_091212_00000462092_00208_44350_8726.N1 | 24-AUG-2010 09: 12: 12 | Dark           | 45.500 | 9   | Alp Eri   | 0.45300  | 24000. | 91  | 44350 | No |
| 127 | GOM_NL__2PRFIN20100824_091808_00000542092_00208_44350_8727.N1 | 24-AUG-2010 09: 18: 08 | Straylight     | 54.000 | 84  | Alp Phe   | 2.3970   | 4500.0 | 108 | 44350 | No |
| 128 | GOM_NL__2PRFIN20100824_092011_00000462092_00208_44350_8728.N1 | 24-AUG-2010 09: 20: 11 | Straylight     | 46.000 | 63  | Bet Gru   | 2.1500   | 2800.0 | 92  | 44350 | No |
| 129 | GOM_NL__2PRFIN20100824_092454_00000512092_00208_44350_8729.N1 | 24-AUG-2010 09: 24: 54 | Straylight     | 50.500 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 101 | 44350 | No |
| 130 | GOM_NL__2PRFIN20100824_093004_00000452092_00208_44350_8730.N1 | 24-AUG-2010 09: 30: 04 | Bright         | 44.500 | 142 | 49Del Cap | 2.8500   | 8900.0 | 89  | 44350 | No |
| 131 | GOM_NL__2PRFIN20100824_093319_00000412092_00208_44350_8731.N1 | 24-AUG-2010 09: 33: 19 | Bright         | 40.500 | 154 | 22Bet Aqr | 2.8990   | 5700.0 | 81  | 44350 | No |
| 132 | GOM_NL__2PRFIN20100824_093502_00000442092_00208_44350_8732.N1 | 24-AUG-2010 09: 35: 02 | Bright         | 43.500 | 162 | 34Alp Aqr | 2.9440   | 5350.0 | 87  | 44350 | No |
| 133 | GOM_NL__2PRFIN20100824_093806_00000422092_00208_44350_8733.N1 | 24-AUG-2010 09: 38: 06 | Bright         | 42.000 | 61  | 8Eps Peg  | 2.1000   | 3900.0 | 84  | 44350 | No |
| 134 | GOM_NL__2PRFIN20100824_094447_00000382092_00208_44350_8734.N1 | 24-AUG-2010 09: 44: 47 | Bright         | 37.500 | 92  | 53Eps Cyg | 2.5000   | 4500.0 | 75  | 44350 | No |
| 135 | GOM_NL__2PRFIN20100824_094759_00000372092_00208_44350_8735.N1 | 24-AUG-2010 09: 47: 59 | Bright         | 36.500 | 19  | 50Alp Cyg | 1.2460   | 10500. | 73  | 44350 | No |
| 136 | GOM_NL__2PRFIN20100824_095310_00000382092_00208_44350_8736.N1 | 24-AUG-2010 09: 53: 10 | Bright         | 37.500 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 75  | 44350 | No |
| 137 | GOM_NL__2PRFIN20100824_095658_00000472092_00208_44350_8737.N1 | 24-AUG-2010 09: 56: 58 | Bright         | 46.500 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 93  | 44350 | No |
| 138 | GOM_NL__2PRFIN20100824_095912_00000322092_00208_44350_8738.N1 | 24-AUG-2010 09: 59: 12 | Tw_i_and_stray | 32.000 | 76  | 27Gam Cas | 2.3000   | 30000. | 64  | 44350 | No |
| 139 | GOM_NL__2PRFIN20100824_101258_00000532092_00208_44350_8739.N1 | 24-AUG-2010 10: 12: 58 | Bright         | 52.500 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 105 | 44350 | No |
| 140 | GOM_NL__2PRFIN20100824_101613_00000422092_00208_44350_8740.N1 | 24-AUG-2010 10: 16: 13 | Bright         | 41.500 | 107 | 37The Aur | 2.6490   | 11000. | 83  | 44350 | No |
| 141 | GOM_NL__2PRFIN20100824_102053_00000552092_00208_44350_8741.N1 | 24-AUG-2010 10: 20: 53 | Tw_i_and_stray | 54.500 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 109 | 44350 | No |
| 142 | GOM_NL__2PRFIN20100824_102232_00000472092_00208_44350_8742.N1 | 24-AUG-2010 10: 22: 32 | Tw_i_and_stray | 46.500 | 44  | 24Gam Gem | 1.9280   | 11000. | 93  | 44350 | No |
| 143 | GOM_NL__2PRFIN20100824_102629_00000652092_00208_44350_8743.N1 | 24-AUG-2010 10: 26: 29 | Dark           | 65.000 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 130 | 44350 | No |
| 144 | GOM_NL__2PRFIN20100824_103005_00000542092_00208_44350_8744.N1 | 24-AUG-2010 10: 30: 05 | Dark           | 54.000 | 30  | 46Eps Ori | 1.6940   | 30000. | 108 | 44350 | No |
| 145 | GOM_NL__2PRFIN20100824_103153_00000552092_00208_44350_8745.N1 | 24-AUG-2010 10: 31: 53 | Dark           | 55.000 | 1   | 9Alp CMa  | -1.4400  | 11000. | 110 | 44350 | No |
| 146 | GOM_NL__2PRFIN20100824_103330_00000642092_00208_44350_8746.N1 | 24-AUG-2010 10: 33: 30 | Dark           | 64.000 | 7   | 19Bet Ori | 0.10000  | 14000. | 128 | 44350 | No |
| 147 | GOM_NL__2PRFIN20100824_103504_00000532092_00208_44350_8747.N1 | 24-AUG-2010 10: 35: 04 | Dark           | 52.500 | 101 | 11Alp Lep | 2.5820   | 7000.0 | 105 | 44350 | No |
| 148 | GOM_NL__2PRFIN20100824_104945_00000542092_00209_44351_8754.N1 | 24-AUG-2010 10: 49: 45 | Dark           | 53.500 | 157 | The1Eri   | 2.9060   | 9300.0 | 107 | 44351 | No |
| 149 | GOM_NL__2PRFIN20100824_105249_00000462092_00209_44351_8755.N1 | 24-AUG-2010 10: 52: 49 | Dark           | 45.500 | 9   | Alp Eri   | 0.45300  | 24000. | 91  | 44351 | No |
| 150 | GOM_NL__2PRFIN20100824_105845_00000532092_00209_44351_8756.N1 | 24-AUG-2010 10: 58: 45 | Straylight     | 52.500 | 84  | Alp Phe   | 2.3970   | 4500.0 | 105 | 44351 | No |
| 151 | GOM_NL__2PRFIN20100824_110048_00000502092_00209_44351_8757.N1 | 24-AUG-2010 11: 00: 48 | Straylight     | 49.500 | 63  | Bet Gru   | 2.1500   | 2800.0 | 99  | 44351 | No |
| 152 | GOM_NL__2PRFIN20100824_110531_00000522092_00209_44351_8758.N1 | 24-AUG-2010 11: 05: 31 | Straylight     | 52.000 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 104 | 44351 | No |
| 153 | GOM_NL__2PRFIN20100824_111040_00000482092_00209_44351_8759.N1 | 24-AUG-2010 11: 10: 40 | Bright         | 47.500 | 142 | 49Del Cap | 2.8500   | 8900.0 | 95  | 44351 | No |
| 154 | GOM_NL__2PRFIN20100824_111356_00000402092_00209_44351_8760.N1 | 24-AUG-2010 11: 13: 56 | Bright         | 40.000 | 154 | 22Bet Aqr | 2.8990   | 5700.0 | 80  | 44351 | No |
| 155 | GOM_NL__2PRFIN20100824_111538_00000442092_00209_44351_8761.N1 | 24-AUG-2010 11: 15: 38 | Bright         | 43.500 | 162 | 34Alp Aqr | 2.9440   | 5350.0 | 87  | 44351 | No |
| 156 | GOM_NL__2PRFIN20100824_111842_00000402092_00209_44351_8762.N1 | 24-AUG-2010 11: 18: 42 | Bright         | 39.500 | 61  | 8Eps Peg  | 2.1000   | 3900.0 | 79  | 44351 | No |
| 157 | GOM_NL__2PRFIN20100824_112523_00000402092_00209_44351_8763.N1 | 24-AUG-2010 11: 25: 23 | Bright         | 39.500 | 92  | 53Eps Cyg | 2.5000   | 4500.0 | 79  | 44351 | No |
| 158 | GOM_NL__2PRFIN20100824_112835_00000382092_00209_44351_8764.N1 | 24-AUG-2010 11: 28: 35 | Bright         | 37.500 | 19  | 50Alp Cyg | 1.2460   | 10500. | 75  | 44351 | No |
| 159 | GOM_NL__2PRFIN20100824_113346_00000382092_00209_44351_8765.N1 | 24-AUG-2010 11: 33: 46 | Bright         | 38.000 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 76  | 44351 | No |
| 160 | GOM_NL__2PRFIN20100824_113734_00000482092_00209_44351_8766.N1 | 24-AUG-2010 11: 37: 34 | Bright         | 47.500 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 95  | 44351 | No |



|     |  |                      |            |        |     |           |          |        |     |       |    |
|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20100824_113947_000000322092_00209_44351_8767.N1 | 24-AUG-2010 11:39:47 | Twilight   | 32.000 | 76  | 27Gam Cas | 2.3000   | 30000. | 64  | 44351 | No |
| 162 | GOM_NL__2PRFIN20100824_115334_000000552092_00209_44351_8768.N1 | 24-AUG-2010 11:53:34 | Bright     | 55.000 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 110 | 44351 | No |
| 163 | GOM_NL__2PRFIN20100824_115649_000000472092_00209_44351_8769.N1 | 24-AUG-2010 11:56:49 | Bright     | 46.500 | 107 | 37The Aur | 2.6490   | 11000. | 93  | 44351 | No |
| 164 | GOM_NL__2PRFIN20100824_120129_000000502092_00209_44351_8770.N1 | 24-AUG-2010 12:01:29 | Twilight   | 50.000 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 100 | 44351 | No |
| 165 | GOM_NL__2PRFIN20100824_120309_000000422092_00209_44351_8771.N1 | 24-AUG-2010 12:03:09 | Twilight   | 42.000 | 44  | 24Gam Gem | 1.9280   | 11000. | 84  | 44351 | No |
| 166 | GOM_NL__2PRFIN20100824_120705_000000662092_00209_44351_8772.N1 | 24-AUG-2010 12:07:05 | Dark       | 66.000 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 132 | 44351 | No |
| 167 | GOM_NL__2PRFIN20100824_121042_000000562092_00209_44351_8773.N1 | 24-AUG-2010 12:10:42 | Dark       | 55.500 | 30  | 46Eps Ori | 1.6940   | 30000. | 111 | 44351 | No |
| 168 | GOM_NL__2PRFIN20100824_121230_000000522092_00209_44351_8774.N1 | 24-AUG-2010 12:12:30 | Dark       | 51.500 | 1   | 9Alp CMa  | -1.4400  | 11000. | 103 | 44351 | No |
| 169 | GOM_NL__2PRFIN20100824_121407_000000642092_00209_44351_8775.N1 | 24-AUG-2010 12:14:07 | Dark       | 64.000 | 7   | 19Bet Ori | 0.10000  | 14000. | 128 | 44351 | No |
| 170 | GOM_NL__2PRFIN20100824_121541_000000502092_00209_44351_8776.N1 | 24-AUG-2010 12:15:41 | Dark       | 50.000 | 101 | 11Alp Lep | 2.5820   | 7000.0 | 100 | 44351 | No |
| 171 | GOM_NL__2PRFIN20100824_123022_000000542092_00210_44352_8796.N1 | 24-AUG-2010 12:30:22 | Dark       | 54.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 108 | 44352 | No |
| 172 | GOM_NL__2PRFIN20100824_123325_000000462092_00210_44352_8797.N1 | 24-AUG-2010 12:33:25 | Dark       | 46.000 | 9   | Alp Eri   | 0.45300  | 24000. | 92  | 44352 | No |
| 173 | GOM_NL__2PRFIN20100824_123921_000000572092_00210_44352_8798.N1 | 24-AUG-2010 12:39:21 | Straylight | 57.000 | 84  | Alp Phe   | 2.3970   | 4500.0 | 114 | 44352 | No |
| 174 | GOM_NL__2PRFIN20100824_124124_000000462092_00210_44352_8799.N1 | 24-AUG-2010 12:41:24 | Straylight | 45.500 | 63  | Bet Gru   | 2.1500   | 2800.0 | 91  | 44352 | No |
| 175 | GOM_NL__2PRFIN20100824_124607_000000512092_00210_44352_8800.N1 | 24-AUG-2010 12:46:07 | Straylight | 51.000 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 102 | 44352 | No |
| 176 | GOM_NL__2PRFIN20100824_125116_000000442092_00210_44352_8801.N1 | 24-AUG-2010 12:51:16 | Bright     | 43.500 | 142 | 49Del Cap | 2.8500   | 8900.0 | 87  | 44352 | No |
| 177 | GOM_NL__2PRFIN20100824_125432_000000402092_00210_44352_8802.N1 | 24-AUG-2010 12:54:32 | Bright     | 39.500 | 154 | 22Bet Aqr | 2.8990   | 5700.0 | 79  | 44352 | No |
| 178 | GOM_NL__2PRFIN20100824_125613_000000442092_00210_44352_8803.N1 | 24-AUG-2010 12:56:13 | Bright     | 44.000 | 162 | 34Alp Aqr | 2.9440   | 5350.0 | 88  | 44352 | No |
| 179 | GOM_NL__2PRFIN20100824_125918_000000412092_00210_44352_8804.N1 | 24-AUG-2010 12:59:18 | Bright     | 40.500 | 61  | 8Eps Peg  | 2.1000   | 3900.0 | 81  | 44352 | No |
| 180 | GOM_NL__2PRFIN20100824_130558_000000392092_00210_44352_8805.N1 | 24-AUG-2010 13:05:58 | Bright     | 38.500 | 92  | 53Eps Cyg | 2.5000   | 4500.0 | 77  | 44352 | No |
| 181 | GOM_NL__2PRFIN20100824_130911_000000402092_00210_44352_8806.N1 | 24-AUG-2010 13:09:11 | Bright     | 39.500 | 19  | 50Alp Cyg | 1.2460   | 10500. | 79  | 44352 | No |
| 182 | GOM_NL__2PRFIN20100824_131421_000000402092_00210_44352_8807.N1 | 24-AUG-2010 13:14:21 | Bright     | 39.500 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 79  | 44352 | No |
| 183 | GOM_NL__2PRFIN20100824_131809_000000452092_00210_44352_8808.N1 | 24-AUG-2010 13:18:09 | Bright     | 45.000 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 90  | 44352 | No |
| 184 | GOM_NL__2PRFIN20100824_132023_000000342092_00210_44352_8809.N1 | 24-AUG-2010 13:20:23 | Twilight   | 34.000 | 76  | 27Gam Cas | 2.3000   | 30000. | 68  | 44352 | No |
| 185 | GOM_NL__2PRFIN20100824_133410_000000562092_00210_44352_8810.N1 | 24-AUG-2010 13:34:10 | Bright     | 55.500 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 111 | 44352 | No |
| 186 | GOM_NL__2PRFIN20100824_133725_000000522092_00210_44352_8811.N1 | 24-AUG-2010 13:37:25 | Bright     | 52.000 | 107 | 37The Aur | 2.6490   | 11000. | 104 | 44352 | No |
| 187 | GOM_NL__2PRFIN20100824_134205_000000512092_00210_44352_8812.N1 | 24-AUG-2010 13:42:05 | Twilight   | 51.000 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 102 | 44352 | No |
| 188 | GOM_NL__2PRFIN20100824_134345_000000452092_00210_44352_8813.N1 | 24-AUG-2010 13:43:45 | Twilight   | 45.000 | 44  | 24Gam Gem | 1.9280   | 11000. | 90  | 44352 | No |
| 189 | GOM_NL__2PRFIN20100824_134742_000000602092_00210_44352_8814.N1 | 24-AUG-2010 13:47:42 | Dark       | 60.000 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 120 | 44352 | No |
| 190 | GOM_NL__2PRFIN20100824_135118_000000562092_00210_44352_8815.N1 | 24-AUG-2010 13:51:18 | Dark       | 56.000 | 30  | 46Eps Ori | 1.6940   | 30000. | 112 | 44352 | No |
| 191 | GOM_NL__2PRFIN20100824_135306_000000462092_00210_44352_8816.N1 | 24-AUG-2010 13:53:06 | Dark       | 45.500 | 1   | 9Alp CMa  | -1.4400  | 11000. | 91  | 44352 | No |
| 192 | GOM_NL__2PRFIN20100824_135444_000000562092_00210_44352_8817.N1 | 24-AUG-2010 13:54:44 | Dark       | 56.000 | 7   | 19Bet Ori | 0.10000  | 14000. | 112 | 44352 | No |
| 193 | GOM_NL__2PRFIN20100824_135618_000000522092_00210_44352_8818.N1 | 24-AUG-2010 13:56:18 | Dark       | 51.500 | 101 | 11Alp Lep | 2.5820   | 7000.0 | 103 | 44352 | No |
| 194 | GOM_NL__2PRFIN20100824_141059_000000532092_00211_44353_8833.N1 | 24-AUG-2010 14:10:59 | Dark       | 53.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 106 | 44353 | No |
| 195 | GOM_NL__2PRFIN20100824_141402_000000462092_00211_44353_8834.N1 | 24-AUG-2010 14:14:02 | Dark       | 45.500 | 9   | Alp Eri   | 0.45300  | 24000. | 91  | 44353 | No |
| 196 | GOM_NL__2PRFIN20100824_141958_000000532092_00211_44353_8835.N1 | 24-AUG-2010 14:19:58 | Straylight | 52.500 | 84  | Alp Phe   | 2.3970   | 4500.0 | 105 | 44353 | No |
| 197 | GOM_NL__2PRFIN20100824_142200_000000462092_00211_44353_8836.N1 | 24-AUG-2010 14:22:00 | Straylight | 46.000 | 63  | Bet Gru   | 2.1500   | 2800.0 | 92  | 44353 | No |
| 198 | GOM_NL__2PRFIN20100824_142643_000000502092_00211_44353_8837.N1 | 24-AUG-2010 14:26:43 | Straylight | 50.000 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 100 | 44353 | No |
| 199 | GOM_NL__2PRFIN20100824_160719_000000512092_00212_44354_8866.N1 | 24-AUG-2010 16:07:19 | Straylight | 51.000 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 102 | 44354 | No |
| 200 | GOM_NL__2PRFIN20100824_161228_000000442092_00212_44354_8867.N1 | 24-AUG-2010 16:12:28 | Bright     | 43.500 | 142 | 49Del Cap | 2.8500   | 8900.0 | 87  | 44354 | No |
| 201 | GOM_NL__2PRFIN20100824_161543_000000402092_00212_44354_8868.N1 | 24-AUG-2010 16:15:43 | Bright     | 40.000 | 154 | 22Bet Aqr | 2.8990   | 5700.0 | 80  | 44354 | No |
| 202 | GOM_NL__2PRFIN20100824_161725_000000442092_00212_44354_8869.N1 | 24-AUG-2010 16:17:25 | Bright     | 44.000 | 162 | 34Alp Aqr | 2.9440   | 5350.0 | 88  | 44354 | No |
| 203 | GOM_NL__2PRFIN20100824_162029_000000452092_00212_44354_8870.N1 | 24-AUG-2010 16:20:29 | Bright     | 44.500 | 61  | 8Eps Peg  | 2.1000   | 3900.0 | 89  | 44354 | No |
| 204 | GOM_NL__2PRFIN20100824_162710_000000382092_00212_44354_8871.N1 | 24-AUG-2010 16:27:10 | Bright     | 38.000 | 92  | 53Eps Cyg | 2.5000   | 4500.0 | 76  | 44354 | No |
| 205 | GOM_NL__2PRFIN20100824_163022_000000392092_00212_44354_8872.N1 | 24-AUG-2010 16:30:22 | Bright     | 38.500 | 19  | 50Alp Cyg | 1.2460   | 10500. | 77  | 44354 | No |
| 206 | GOM_NL__2PRFIN20100824_163533_000000392092_00212_44354_8873.N1 | 24-AUG-2010 16:35:33 | Bright     | 38.500 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 77  | 44354 | No |
| 207 | GOM_NL__2PRFIN20100824_163920_000000472092_00212_44354_8874.N1 | 24-AUG-2010 16:39:20 | Bright     | 46.500 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 93  | 44354 | No |
| 208 | GOM_NL__2PRFIN20100824_164133_000000362092_00212_44354_8875.N1 | 24-AUG-2010 16:41:33 | Bright     | 36.000 | 76  | 27Gam Cas | 2.3000   | 30000. | 72  | 44354 | No |
| 209 | GOM_NL__2PRFIN20100824_165521_000000632092_00212_44354_8876.N1 | 24-AUG-2010 16:55:21 | Bright     | 62.500 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 125 | 44354 | No |
| 210 | GOM_NL__2PRFIN20100824_165837_000000452092_00212_44354_8877.N1 | 24-AUG-2010 16:58:37 | Bright     | 44.500 | 107 | 37The Aur | 2.6490   | 11000. | 89  | 44354 | No |
| 211 | GOM_NL__2PRFIN20100824_170318_000000472092_00212_44354_8878.N1 | 24-AUG-2010 17:03:18 | Twilight   | 47.000 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 94  | 44354 | No |
| 212 | GOM_NL__2PRFIN20100824_170457_000000452092_00212_44354_8879.N1 | 24-AUG-2010 17:04:57 | Twilight   | 44.500 | 44  | 24Gam Gem | 1.9280   | 11000. | 89  | 44354 | No |
| 213 | GOM_NL__2PRFIN20100824_170855_000000582092_00212_44354_8880.N1 | 24-AUG-2010 17:08:55 | Dark       | 57.500 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 115 | 44354 | No |
| 214 | GOM_NL__2PRFIN20100824_171232_000000572092_00212_44354_8881.N1 | 24-AUG-2010 17:12:32 | Dark       | 56.500 | 30  | 46Eps Ori | 1.6940   | 30000. | 113 | 44354 | No |
| 215 | GOM_NL__2PRFIN20100824_171419_000000512092_00212_44354_8882.N1 | 24-AUG-2010 17:14:19 | Dark       | 50.500 | 1   | 9Alp CMa  | -1.4400  | 11000. | 101 | 44354 | No |
| 216 | GOM_NL__2PRFIN20100824_171559_000000492092_00212_44354_8883.N1 | 24-AUG-2010 17:15:59 | Dark       | 49.000 | 7   | 19Bet Ori | 0.10000  | 14000. | 98  | 44354 | No |
| 217 | GOM_NL__2PRFIN20100824_171731_000000462092_00212_44354_8884.N1 | 24-AUG-2010 17:17:31 | Dark       | 46.000 | 101 | 11Alp Lep | 2.5820   | 7000.0 | 92  | 44354 | No |
| 218 | GOM_NL__2PRFIN20100824_173214_000000532092_00213_44355_8937.N1 | 24-AUG-2010 17:32:14 | Dark       | 53.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 106 | 44355 | No |
| 219 | GOM_NL__2PRFIN20100824_173515_000000442092_00213_44355_8938.N1 | 24-AUG-2010 17:35:15 | Dark       | 43.500 | 9   | Alp Eri   | 0.45300  | 24000. | 87  | 44355 | No |

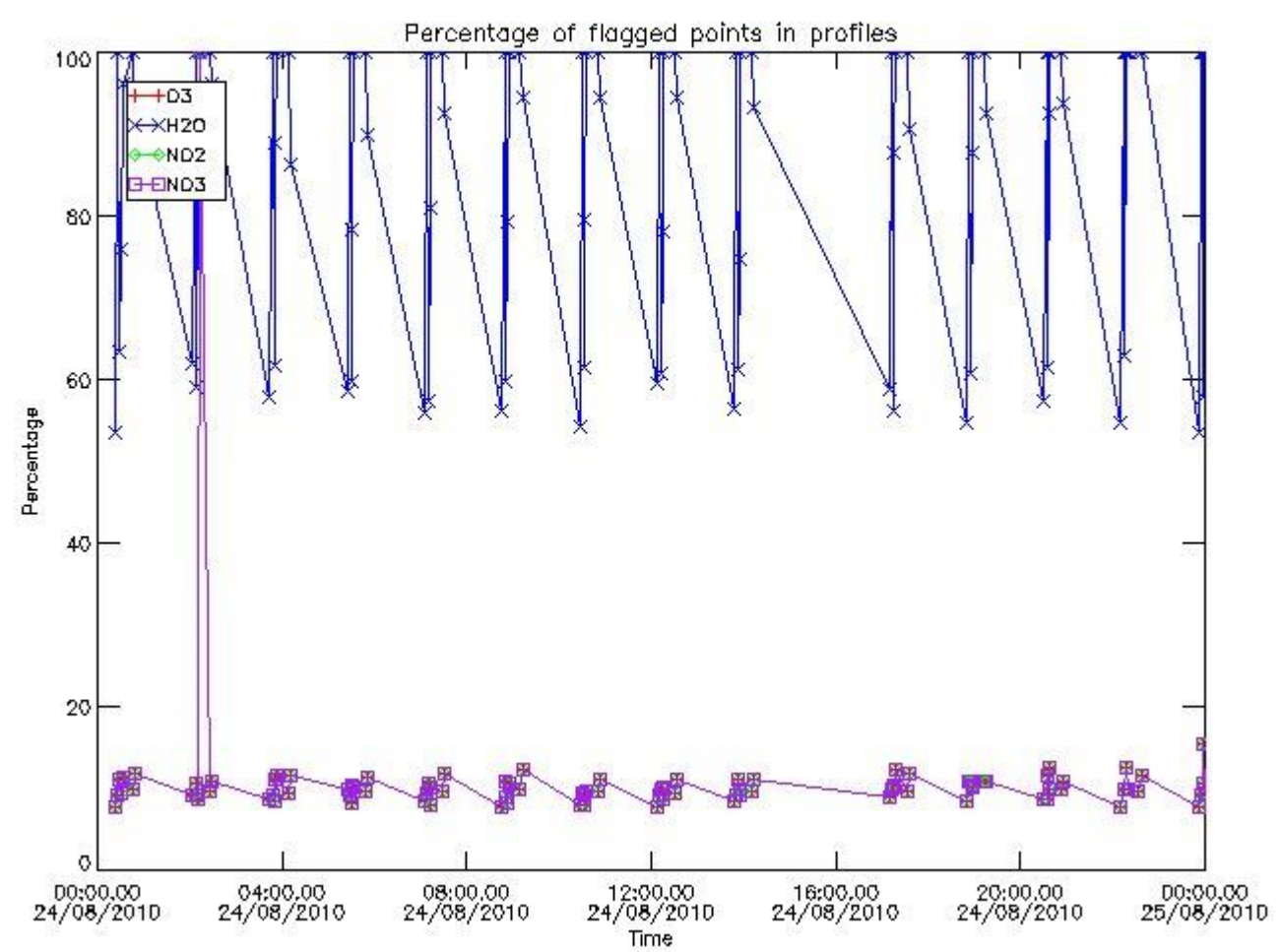
|     |  |                      |                |        |     |           |          |        |     |       |    |
|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 220 | GOM_NL__2PRFIN20100824_174112_000000552092_00213_44355_8939.N1 | 24-AUG-2010 17:41:12 | Straylight     | 55.000 | 84  | Alp Phe   | 2.3970   | 4500.0 | 110 | 44355 | No |
| 221 | GOM_NL__2PRFIN20100824_174313_000000522092_00213_44355_8940.N1 | 24-AUG-2010 17:43:13 | Straylight     | 52.000 | 63  | Bet Gru   | 2.1500   | 2800.0 | 104 | 44355 | No |
| 222 | GOM_NL__2PRFIN20100824_174755_000000542092_00213_44355_8941.N1 | 24-AUG-2010 17:47:55 | Straylight     | 54.000 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 108 | 44355 | No |
| 223 | GOM_NL__2PRFIN20100824_175304_000000422092_00213_44355_8942.N1 | 24-AUG-2010 17:53:04 | Bright         | 42.000 | 142 | 49Del Cap | 2.8500   | 8900.0 | 84  | 44355 | No |
| 224 | GOM_NL__2PRFIN20100824_175619_000000412092_00213_44355_8943.N1 | 24-AUG-2010 17:56:19 | Bright         | 40.500 | 154 | 22Bet Aqr | 2.8990   | 5700.0 | 81  | 44355 | No |
| 225 | GOM_NL__2PRFIN20100824_175801_000000442092_00213_44355_8944.N1 | 24-AUG-2010 17:58:01 | Bright         | 44.000 | 162 | 34Alp Aqr | 2.9440   | 5350.0 | 88  | 44355 | No |
| 226 | GOM_NL__2PRFIN20100824_180105_000000422092_00213_44355_8945.N1 | 24-AUG-2010 18:01:05 | Bright         | 41.500 | 61  | 8Eps Peg  | 2.1000   | 3900.0 | 83  | 44355 | No |
| 227 | GOM_NL__2PRFIN20100824_180746_000000362092_00213_44355_8946.N1 | 24-AUG-2010 18:07:46 | Bright         | 36.000 | 92  | 53Eps Cyg | 2.5000   | 4500.0 | 72  | 44355 | No |
| 228 | GOM_NL__2PRFIN20100824_181058_000000392092_00213_44355_8947.N1 | 24-AUG-2010 18:10:58 | Bright         | 38.500 | 19  | 50Alp Cyg | 1.2460   | 10500. | 77  | 44355 | No |
| 229 | GOM_NL__2PRFIN20100824_181609_000000402092_00213_44355_8948.N1 | 24-AUG-2010 18:16:09 | Bright         | 39.500 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 79  | 44355 | No |
| 230 | GOM_NL__2PRFIN20100824_181955_000000462092_00213_44355_8949.N1 | 24-AUG-2010 18:19:55 | Bright         | 46.000 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 92  | 44355 | No |
| 231 | GOM_NL__2PRFIN20100824_182208_000000362092_00213_44355_8950.N1 | 24-AUG-2010 18:22:08 | Bright         | 36.000 | 76  | 27Gam Cas | 2.3000   | 30000. | 72  | 44355 | No |
| 232 | GOM_NL__2PRFIN20100824_183557_000000572092_00213_44355_8951.N1 | 24-AUG-2010 18:35:57 | Bright         | 56.500 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 113 | 44355 | No |
| 233 | GOM_NL__2PRFIN20100824_183914_000000442092_00213_44355_8952.N1 | 24-AUG-2010 18:39:14 | Bright         | 44.000 | 107 | 37The Aur | 2.6490   | 11000. | 88  | 44355 | No |
| 234 | GOM_NL__2PRFIN20100824_184354_000000502092_00213_44355_8953.N1 | 24-AUG-2010 18:43:54 | Tw_i_and_stray | 50.000 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 100 | 44355 | No |
| 235 | GOM_NL__2PRFIN20100824_184534_000000452092_00213_44355_8954.N1 | 24-AUG-2010 18:45:34 | Tw_i_and_stray | 44.500 | 44  | 24Gam Gem | 1.9280   | 11000. | 89  | 44355 | No |
| 236 | GOM_NL__2PRFIN20100824_184932_000000602092_00213_44355_8955.N1 | 24-AUG-2010 18:49:32 | Dark           | 60.000 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 120 | 44355 | No |
| 237 | GOM_NL__2PRFIN20100824_185309_000000572092_00213_44355_8956.N1 | 24-AUG-2010 18:53:09 | Dark           | 56.500 | 30  | 46Eps Ori | 1.6940   | 30000. | 113 | 44355 | No |
| 238 | GOM_NL__2PRFIN20100824_185455_000000482092_00213_44355_8957.N1 | 24-AUG-2010 18:54:55 | Dark           | 47.500 | 1   | 9Alp CMa  | -1.4400  | 11000. | 95  | 44355 | No |
| 239 | GOM_NL__2PRFIN20100824_185636_000000492092_00213_44355_8958.N1 | 24-AUG-2010 18:56:36 | Dark           | 49.000 | 7   | 19Bet Ori | 0.10000  | 14000. | 98  | 44355 | No |
| 240 | GOM_NL__2PRFIN20100824_185808_000000502092_00213_44355_8959.N1 | 24-AUG-2010 18:58:08 | Dark           | 50.000 | 101 | 11Alp Lep | 2.5820   | 7000.0 | 100 | 44355 | No |
| 241 | GOM_NL__2PRFIN20100824_191251_000000522092_00214_44356_8962.N1 | 24-AUG-2010 19:12:51 | Dark           | 52.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 104 | 44356 | No |
| 242 | GOM_NL__2PRFIN20100824_191552_000000472092_00214_44356_8963.N1 | 24-AUG-2010 19:15:52 | Dark           | 47.000 | 9   | Alp Eri   | 0.45300  | 24000. | 94  | 44356 | No |
| 243 | GOM_NL__2PRFIN20100824_192148_000000602092_00214_44356_8964.N1 | 24-AUG-2010 19:21:48 | Straylight     | 59.500 | 84  | Alp Phe   | 2.3970   | 4500.0 | 119 | 44356 | No |
| 244 | GOM_NL__2PRFIN20100824_192349_000000522092_00214_44356_8965.N1 | 24-AUG-2010 19:23:49 | Straylight     | 51.500 | 63  | Bet Gru   | 2.1500   | 2800.0 | 103 | 44356 | No |
| 245 | GOM_NL__2PRFIN20100824_192832_000000522092_00214_44356_8966.N1 | 24-AUG-2010 19:28:32 | Straylight     | 51.500 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 103 | 44356 | No |
| 246 | GOM_NL__2PRFIN20100824_193340_000000472092_00214_44356_8967.N1 | 24-AUG-2010 19:33:40 | Bright         | 46.500 | 142 | 49Del Cap | 2.8500   | 8900.0 | 93  | 44356 | No |
| 247 | GOM_NL__2PRFIN20100824_193655_000000412092_00214_44356_8968.N1 | 24-AUG-2010 19:36:55 | Bright         | 41.000 | 154 | 22Bet Aqr | 2.8990   | 5700.0 | 82  | 44356 | No |
| 248 | GOM_NL__2PRFIN20100824_193837_000000442092_00214_44356_8969.N1 | 24-AUG-2010 19:38:37 | Bright         | 43.500 | 162 | 34Alp Aqr | 2.9440   | 5350.0 | 87  | 44356 | No |
| 249 | GOM_NL__2PRFIN20100824_194141_000000412092_00214_44356_8970.N1 | 24-AUG-2010 19:41:41 | Bright         | 40.500 | 61  | 8Eps Peg  | 2.1000   | 3900.0 | 81  | 44356 | No |
| 250 | GOM_NL__2PRFIN20100824_194822_000000392092_00214_44356_8971.N1 | 24-AUG-2010 19:48:22 | Bright         | 39.000 | 92  | 53Eps Cyg | 2.5000   | 4500.0 | 78  | 44356 | No |
| 251 | GOM_NL__2PRFIN20100824_195134_000000382092_00214_44356_8972.N1 | 24-AUG-2010 19:51:34 | Bright         | 37.500 | 19  | 50Alp Cyg | 1.2460   | 10500. | 75  | 44356 | No |
| 252 | GOM_NL__2PRFIN20100824_195645_000000382092_00214_44356_8973.N1 | 24-AUG-2010 19:56:45 | Bright         | 38.000 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 76  | 44356 | No |
| 253 | GOM_NL__2PRFIN20100824_200030_000000492092_00214_44356_8974.N1 | 24-AUG-2010 20:00:30 | Bright         | 48.500 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 97  | 44356 | No |
| 254 | GOM_NL__2PRFIN20100824_200243_000000372092_00214_44356_8975.N1 | 24-AUG-2010 20:02:43 | Bright         | 37.000 | 76  | 27Gam Cas | 2.3000   | 30000. | 74  | 44356 | No |
| 255 | GOM_NL__2PRFIN20100824_201633_000000542092_00214_44356_8976.N1 | 24-AUG-2010 20:16:33 | Bright         | 54.000 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 108 | 44356 | No |
| 256 | GOM_NL__2PRFIN20100824_201950_000000432092_00214_44356_8977.N1 | 24-AUG-2010 20:19:50 | Bright         | 43.000 | 107 | 37The Aur | 2.6490   | 11000. | 86  | 44356 | No |
| 257 | GOM_NL__2PRFIN20100824_202430_000000492092_00214_44356_8978.N1 | 24-AUG-2010 20:24:30 | Tw_i_and_stray | 49.000 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 98  | 44356 | No |
| 258 | GOM_NL__2PRFIN20100824_202610_000000472092_00214_44356_8979.N1 | 24-AUG-2010 20:26:10 | Tw_i_and_stray | 47.000 | 44  | 24Gam Gem | 1.9280   | 11000. | 94  | 44356 | No |
| 259 | GOM_NL__2PRFIN20100824_203008_000000582092_00214_44356_8980.N1 | 24-AUG-2010 20:30:08 | Dark           | 58.000 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 116 | 44356 | No |
| 260 | GOM_NL__2PRFIN20100824_203345_000000592092_00214_44356_8981.N1 | 24-AUG-2010 20:33:45 | Dark           | 58.500 | 30  | 46Eps Ori | 1.6940   | 30000. | 117 | 44356 | No |
| 261 | GOM_NL__2PRFIN20100824_203532_000000452092_00214_44356_8982.N1 | 24-AUG-2010 20:35:32 | Dark           | 44.500 | 1   | 9Alp CMa  | -1.4400  | 11000. | 89  | 44356 | No |
| 262 | GOM_NL__2PRFIN20100824_203713_000000412092_00214_44356_8983.N1 | 24-AUG-2010 20:37:13 | Dark           | 41.000 | 7   | 19Bet Ori | 0.10000  | 14000. | 82  | 44356 | No |
| 263 | GOM_NL__2PRFIN20100824_203845_000000522092_00214_44356_8984.N1 | 24-AUG-2010 20:38:45 | Dark           | 51.500 | 101 | 11Alp Lep | 2.5820   | 7000.0 | 103 | 44356 | No |
| 264 | GOM_NL__2PRFIN20100824_205328_000000522092_00215_44357_9003.N1 | 24-AUG-2010 20:53:28 | Dark           | 52.000 | 157 | The1Eri   | 2.9060   | 9300.0 | 104 | 44357 | No |
| 265 | GOM_NL__2PRFIN20100824_205628_000000482092_00215_44357_9004.N1 | 24-AUG-2010 20:56:28 | Dark           | 47.500 | 9   | Alp Eri   | 0.45300  | 24000. | 95  | 44357 | No |
| 266 | GOM_NL__2PRFIN20100824_210225_000000552092_00215_44357_9005.N1 | 24-AUG-2010 21:02:25 | Straylight     | 55.000 | 84  | Alp Phe   | 2.3970   | 4500.0 | 110 | 44357 | No |
| 267 | GOM_NL__2PRFIN20100824_210425_000000562092_00215_44357_9006.N1 | 24-AUG-2010 21:04:25 | Straylight     | 55.500 | 63  | Bet Gru   | 2.1500   | 2800.0 | 111 | 44357 | No |
| 268 | GOM_NL__2PRFIN20100824_210908_000000502092_00215_44357_9007.N1 | 24-AUG-2010 21:09:08 | Straylight     | 50.000 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 100 | 44357 | No |
| 269 | GOM_NL__2PRFIN20100824_211417_000000472092_00215_44357_9008.N1 | 24-AUG-2010 21:14:17 | Bright         | 46.500 | 142 | 49Del Cap | 2.8500   | 8900.0 | 93  | 44357 | No |
| 270 | GOM_NL__2PRFIN20100824_211731_000000412092_00215_44357_9009.N1 | 24-AUG-2010 21:17:31 | Bright         | 40.500 | 154 | 22Bet Aqr | 2.8990   | 5700.0 | 81  | 44357 | No |
| 271 | GOM_NL__2PRFIN20100824_211913_000000442092_00215_44357_9010.N1 | 24-AUG-2010 21:19:13 | Bright         | 43.500 | 162 | 34Alp Aqr | 2.9440   | 5350.0 | 87  | 44357 | No |
| 272 | GOM_NL__2PRFIN20100824_212216_000000412092_00215_44357_9011.N1 | 24-AUG-2010 21:22:16 | Bright         | 40.500 | 61  | 8Eps Peg  | 2.1000   | 3900.0 | 81  | 44357 | No |
| 273 | GOM_NL__2PRFIN20100824_212858_000000352092_00215_44357_9012.N1 | 24-AUG-2010 21:28:58 | Bright         | 34.500 | 92  | 53Eps Cyg | 2.5000   | 4500.0 | 69  | 44357 | No |
| 274 | GOM_NL__2PRFIN20100824_213210_000000392092_00215_44357_9013.N1 | 24-AUG-2010 21:32:10 | Bright         | 39.000 | 19  | 50Alp Cyg | 1.2460   | 10500. | 78  | 44357 | No |
| 275 | GOM_NL__2PRFIN20100824_213720_000000392092_00215_44357_9014.N1 | 24-AUG-2010 21:37:20 | Bright         | 39.000 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 78  | 44357 | No |
| 276 | GOM_NL__2PRFIN20100824_214105_000000462092_00215_44357_9015.N1 | 24-AUG-2010 21:41:05 | Bright         | 45.500 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 91  | 44357 | No |
| 277 | GOM_NL__2PRFIN20100824_214318_000000372092_00215_44357_9016.N1 | 24-AUG-2010 21:43:18 | Bright         | 37.000 | 76  | 27Gam Cas | 2.3000   | 30000. | 74  | 44357 | No |
| 278 | GOM_NL__2PRFIN20100824_215709_000000522092_00215_44357_9017.N1 | 24-AUG-2010 21:57:09 | Bright         | 51.500 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 103 | 44357 | No |

|     |  |                      |            |        |     |           |          |        |     |       |    |
|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 279 | GOM_NL__2PRFIN20100824_220025_000000562092_00215_44357_9018.N1 | 24-AUG-2010 22:00:25 | Bright     | 56.000 | 107 | 37The Aur | 2.6490   | 11000. | 112 | 44357 | No |
| 280 | GOM_NL__2PRFIN20100824_220506_000000512092_00215_44357_9019.N1 | 24-AUG-2010 22:05:06 | Twilight   | 50.500 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 101 | 44357 | No |
| 281 | GOM_NL__2PRFIN20100824_220646_000000472092_00215_44357_9020.N1 | 24-AUG-2010 22:06:46 | Twilight   | 47.000 | 44  | 24Gam Gem | 1.9280   | 11000. | 94  | 44357 | No |
| 282 | GOM_NL__2PRFIN20100824_221045_000000662092_00215_44357_9021.N1 | 24-AUG-2010 22:10:45 | Dark       | 65.500 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 131 | 44357 | No |
| 283 | GOM_NL__2PRFIN20100824_221422_000000572092_00215_44357_9022.N1 | 24-AUG-2010 22:14:22 | Dark       | 56.500 | 30  | 46Eps Ori | 1.6940   | 30000. | 113 | 44357 | No |
| 284 | GOM_NL__2PRFIN20100824_221608_000000522092_00215_44357_9023.N1 | 24-AUG-2010 22:16:08 | Dark       | 51.500 | 1   | 9Alp CMa  | -1.4400  | 11000. | 103 | 44357 | No |
| 285 | GOM_NL__2PRFIN20100824_221750_000000412092_00215_44357_9024.N1 | 24-AUG-2010 22:17:50 | Dark       | 41.000 | 7   | 19Bet Ori | 0.10000  | 14000. | 82  | 44357 | No |
| 286 | GOM_NL__2PRFIN20100824_221922_000000512092_00215_44357_9025.N1 | 24-AUG-2010 22:19:22 | Dark       | 51.000 | 101 | 11Alp Lep | 2.5820   | 7000.0 | 102 | 44357 | No |
| 287 | GOM_NL__2PRFIN20100824_223405_000000542092_00216_44358_9016.N1 | 24-AUG-2010 22:34:05 | Dark       | 53.500 | 157 | The1Eri   | 2.9060   | 9300.0 | 107 | 44358 | No |
| 288 | GOM_NL__2PRFIN20100824_223705_000000442092_00216_44358_9017.N1 | 24-AUG-2010 22:37:05 | Dark       | 44.000 | 9   | Alp Eri   | 0.45300  | 24000. | 88  | 44358 | No |
| 289 | GOM_NL__2PRFIN20100824_224301_000000562092_00216_44358_9018.N1 | 24-AUG-2010 22:43:01 | Straylight | 55.500 | 84  | Alp Phe   | 2.3970   | 4500.0 | 111 | 44358 | No |
| 290 | GOM_NL__2PRFIN20100824_224502_000000562092_00216_44358_9019.N1 | 24-AUG-2010 22:45:02 | Straylight | 55.500 | 63  | Bet Gru   | 2.1500   | 2800.0 | 111 | 44358 | No |
| 291 | GOM_NL__2PRFIN20100824_224944_000000522092_00216_44358_9020.N1 | 24-AUG-2010 22:49:44 | Straylight | 51.500 | 18  | 24Alp PsA | 1.1660   | 9700.0 | 103 | 44358 | No |
| 292 | GOM_NL__2PRFIN20100824_225452_000000492092_00216_44358_9021.N1 | 24-AUG-2010 22:54:52 | Bright     | 48.500 | 142 | 49Del Cap | 2.8500   | 8900.0 | 97  | 44358 | No |
| 293 | GOM_NL__2PRFIN20100824_225807_000000402092_00216_44358_9022.N1 | 24-AUG-2010 22:58:07 | Bright     | 40.000 | 154 | 22Bet Aqr | 2.8990   | 5700.0 | 80  | 44358 | No |
| 294 | GOM_NL__2PRFIN20100824_225948_000000442092_00216_44358_9023.N1 | 24-AUG-2010 22:59:48 | Bright     | 44.000 | 162 | 34Alp Aqr | 2.9440   | 5350.0 | 88  | 44358 | No |
| 295 | GOM_NL__2PRFIN20100824_230252_000000432092_00216_44358_9024.N1 | 24-AUG-2010 23:02:52 | Bright     | 42.500 | 61  | 8Eps Peg  | 2.1000   | 3900.0 | 85  | 44358 | No |
| 296 | GOM_NL__2PRFIN20100824_230934_000000352092_00216_44358_9025.N1 | 24-AUG-2010 23:09:34 | Bright     | 35.000 | 92  | 53Eps Cyg | 2.5000   | 4500.0 | 70  | 44358 | No |
| 297 | GOM_NL__2PRFIN20100824_231246_000000342092_00216_44358_9026.N1 | 24-AUG-2010 23:12:46 | Bright     | 33.500 | 19  | 50Alp Cyg | 1.2460   | 10500. | 67  | 44358 | No |
| 298 | GOM_NL__2PRFIN20100824_231756_000000382092_00216_44358_9027.N1 | 24-AUG-2010 23:17:56 | Bright     | 38.000 | 89  | 5Alp Cep  | 2.4510   | 8000.0 | 76  | 44358 | No |
| 299 | GOM_NL__2PRFIN20100824_232141_000000472092_00216_44358_9028.N1 | 24-AUG-2010 23:21:41 | Bright     | 47.000 | 74  | 11Bet Cas | 2.2680   | 6600.0 | 94  | 44358 | No |
| 300 | GOM_NL__2PRFIN20100824_232353_000000392092_00216_44358_9029.N1 | 24-AUG-2010 23:23:53 | Bright     | 39.000 | 76  | 27Gam Cas | 2.3000   | 30000. | 78  | 44358 | No |
| 301 | GOM_NL__2PRFIN20100824_233744_000000552092_00216_44358_9030.N1 | 24-AUG-2010 23:37:44 | Bright     | 54.500 | 6   | 13Alp Aur | 0.080000 | 3400.0 | 109 | 44358 | No |
| 302 | GOM_NL__2PRFIN20100824_234101_000000632092_00216_44358_9031.N1 | 24-AUG-2010 23:41:01 | Bright     | 63.000 | 107 | 37The Aur | 2.6490   | 11000. | 126 | 44358 | No |
| 303 | GOM_NL__2PRFIN20100824_234543_000000492092_00216_44358_9032.N1 | 24-AUG-2010 23:45:43 | Twilight   | 48.500 | 151 | 13Mu Gem  | 2.8900   | 3000.0 | 97  | 44358 | No |
| 304 | GOM_NL__2PRFIN20100824_234722_000000422092_00216_44358_9033.N1 | 24-AUG-2010 23:47:22 | Twilight   | 42.000 | 44  | 24Gam Gem | 1.9280   | 11000. | 84  | 44358 | No |
| 305 | GOM_NL__2PRFIN20100824_235121_000000672092_00216_44358_9034.N1 | 24-AUG-2010 23:51:21 | Dark       | 67.000 | 14  | 58Alp Ori | 0.87000  | 3000.0 | 134 | 44358 | No |
| 306 | GOM_NL__2PRFIN20100824_235459_000000562092_00216_44358_9035.N1 | 24-AUG-2010 23:54:59 | Dark       | 55.500 | 30  | 46Eps Ori | 1.6940   | 30000. | 111 | 44358 | No |
| 307 | GOM_NL__2PRFIN20100824_235644_000000482092_00216_44358_9036.N1 | 24-AUG-2010 23:56:44 | Dark       | 48.000 | 1   | 9Alp CMa  | -1.4400  | 11000. | 96  | 44358 | No |
| 308 | GOM_NL__2PRFIN20100824_235827_000000332092_00216_44358_9037.N1 | 24-AUG-2010 23:58:27 | Dark       | 33.000 | 7   | 19Bet Ori | 0.10000  | 14000. | 66  | 44358 | No |
| 309 | GOM_NL__2PRFIN20100824_235959_000000552092_00216_44358_9038.N1 | 24-AUG-2010 23:59:59 | Dark       | 54.500 | 101 | 11Alp Lep | 2.5820   | 7000.0 | 109 | 44358 | No |

### 3. Quality information per product

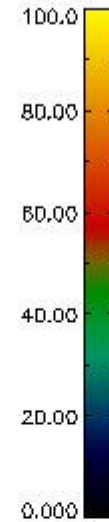
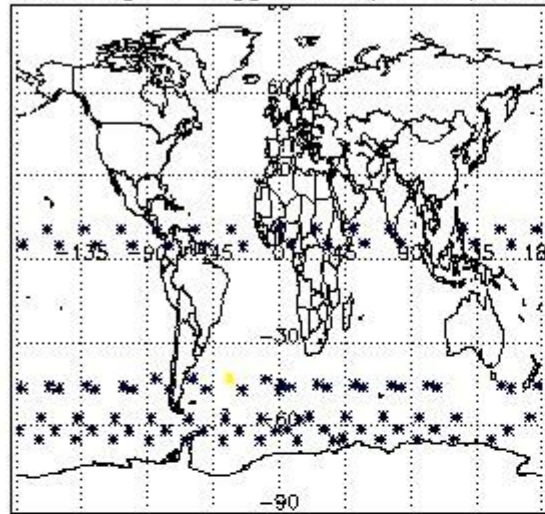
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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

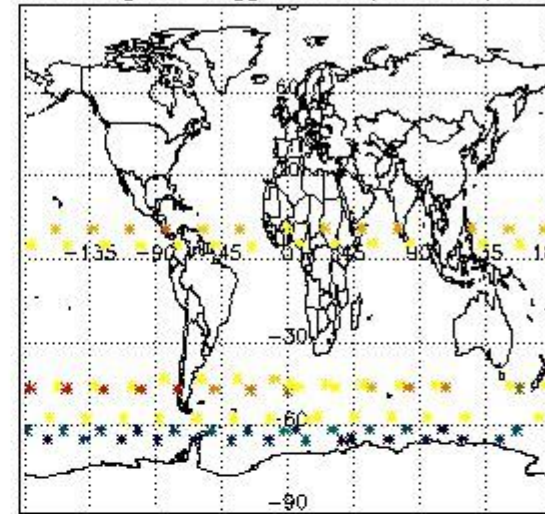


3.2 Plot quality information per product (world map)

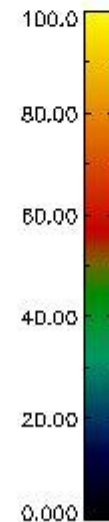
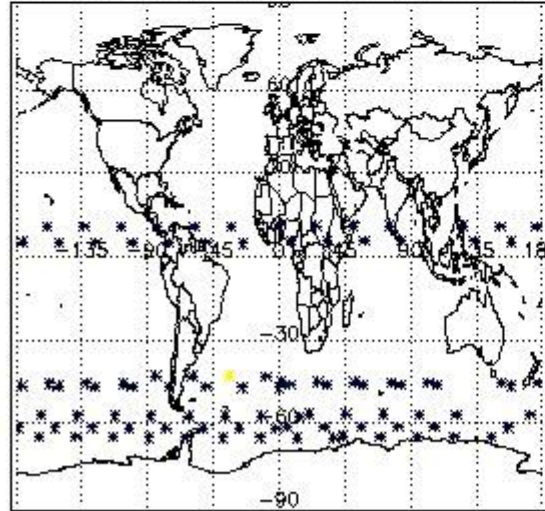
Percentage of flagged data per O3 profile



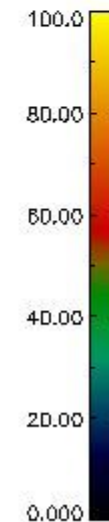
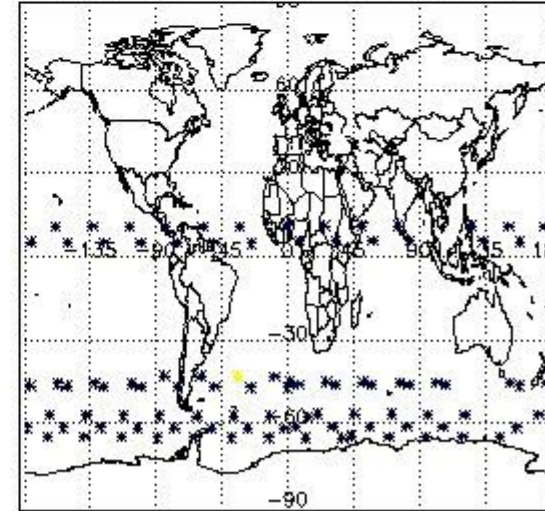
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

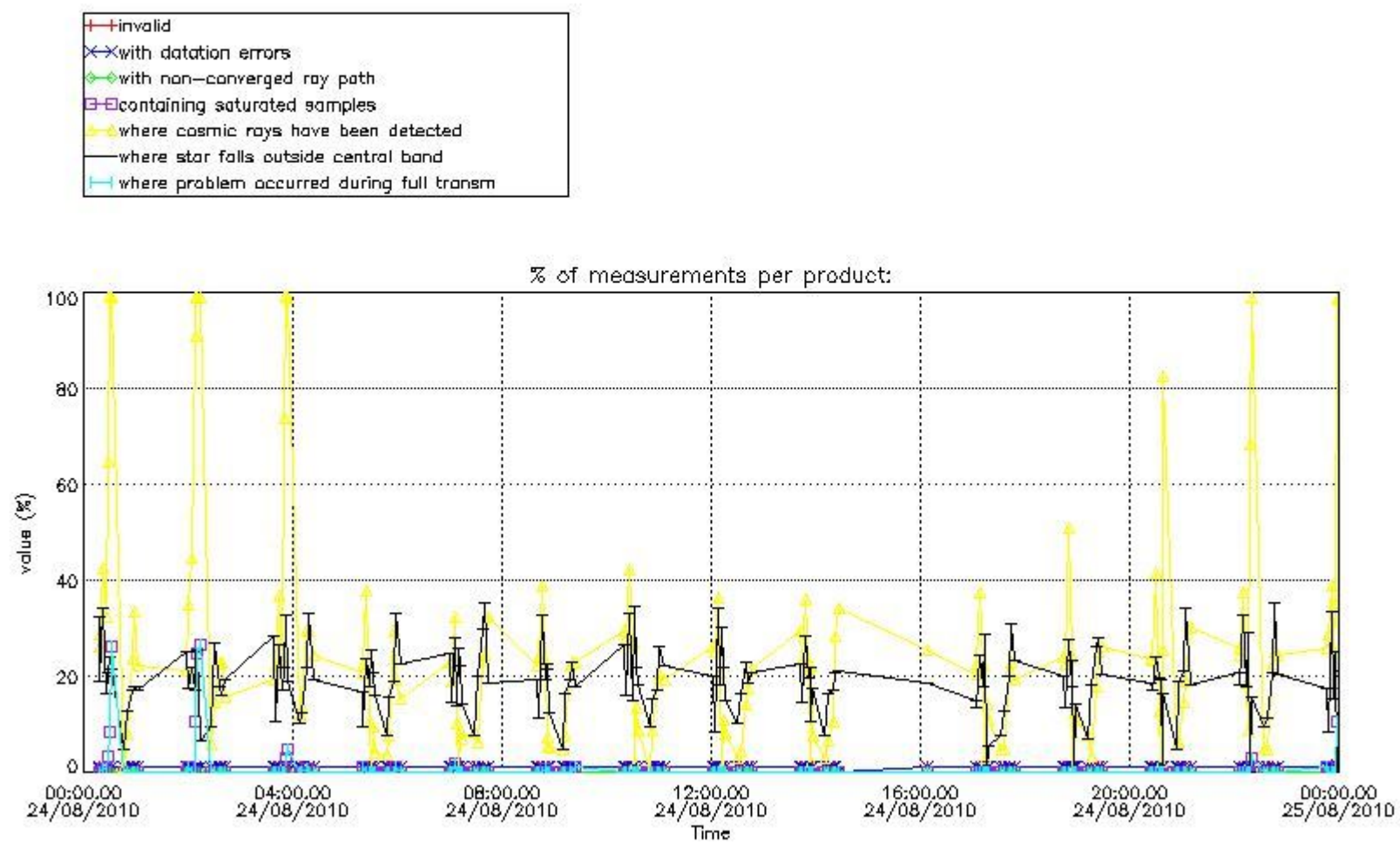


#### 4. Level 1 quality information per product

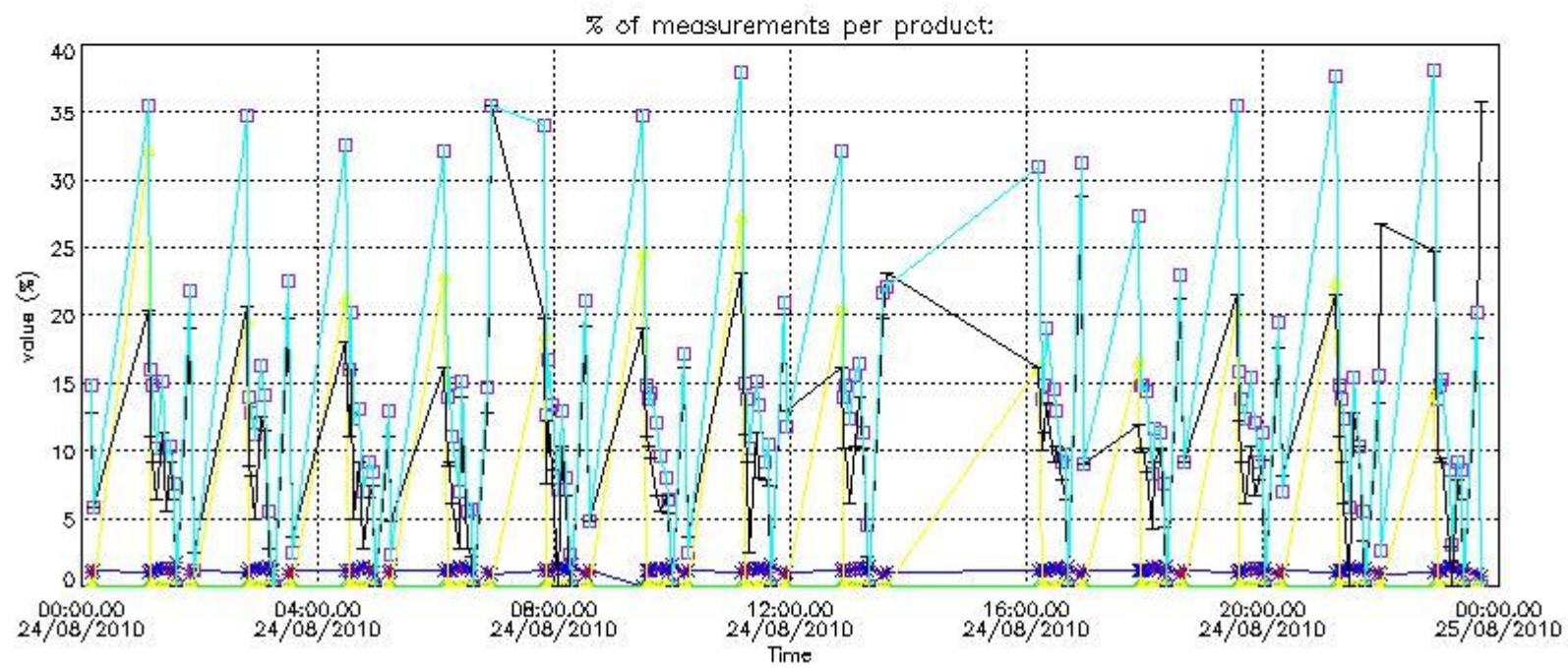
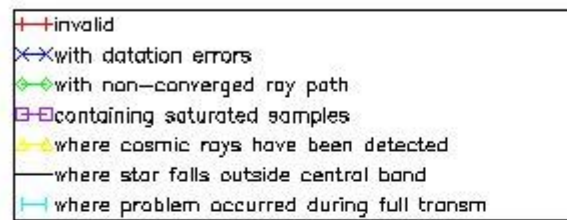
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



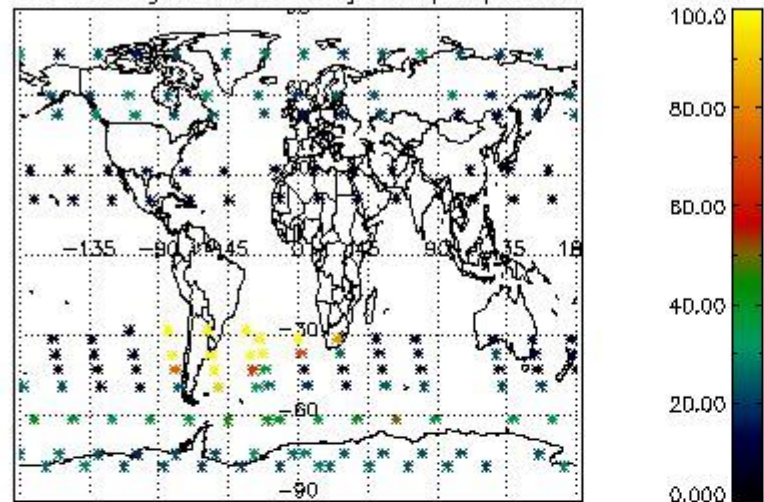
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



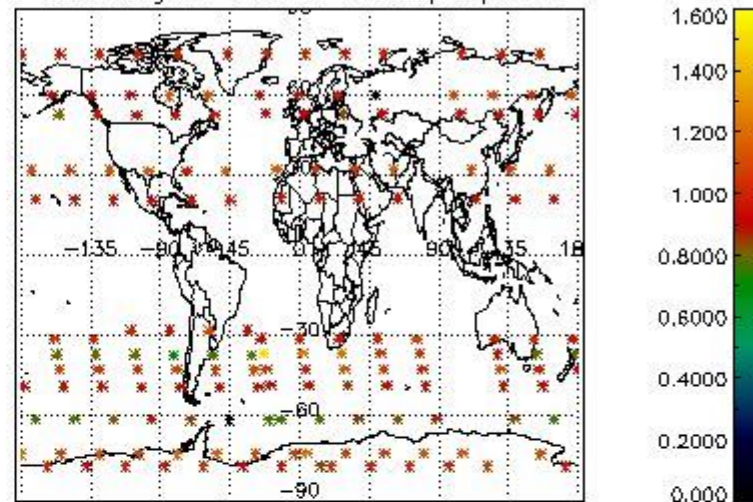
*4.2 Plot quality information per product coming from level 1b processing (world map)*

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

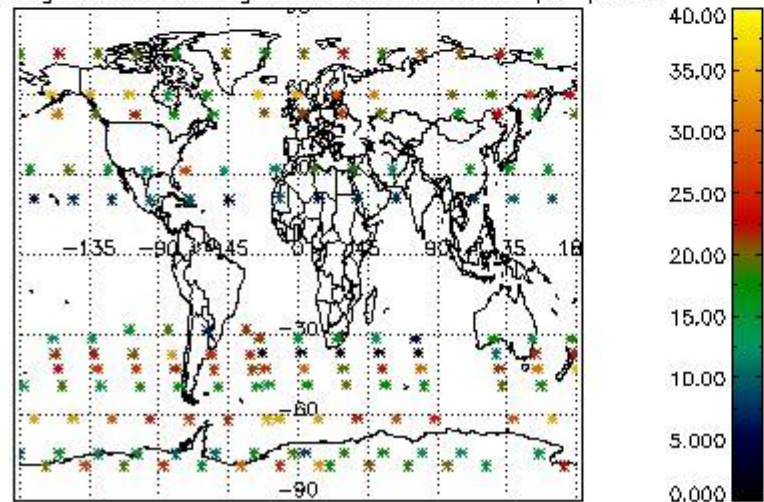
Percentage of cosmic ray hits per profile



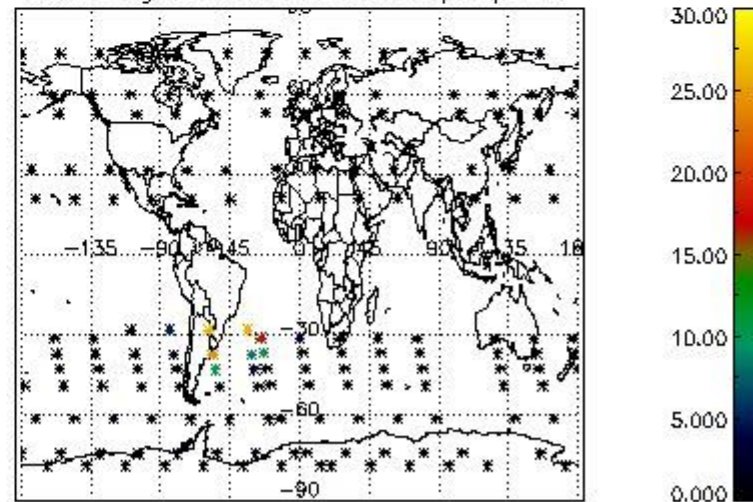
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



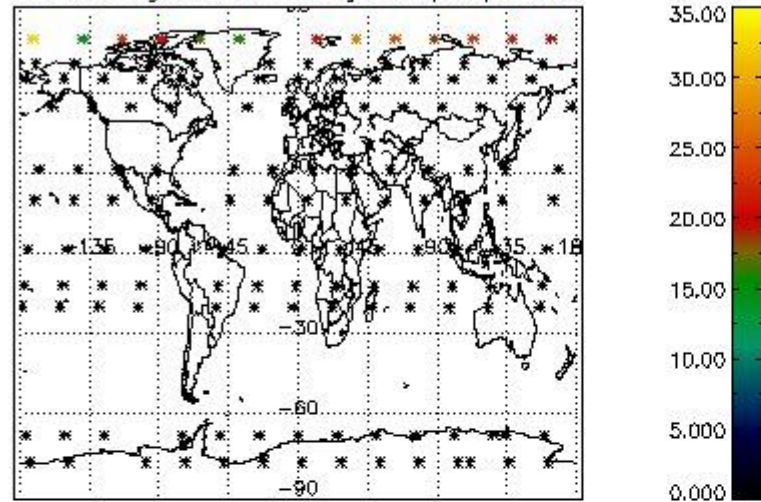
Percentage of saturation errors per profile



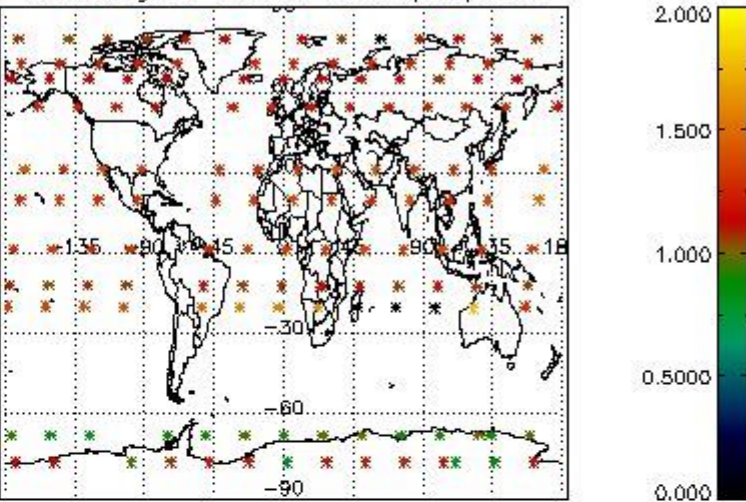
4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes



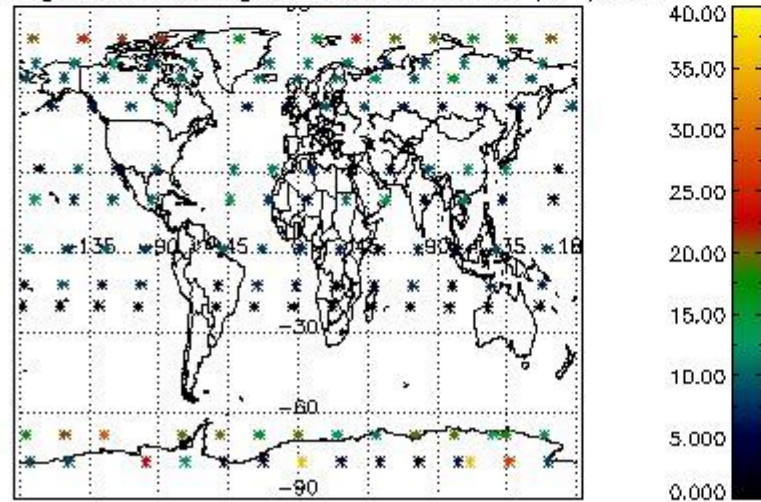
Percentage of cosmic ray hits per profile



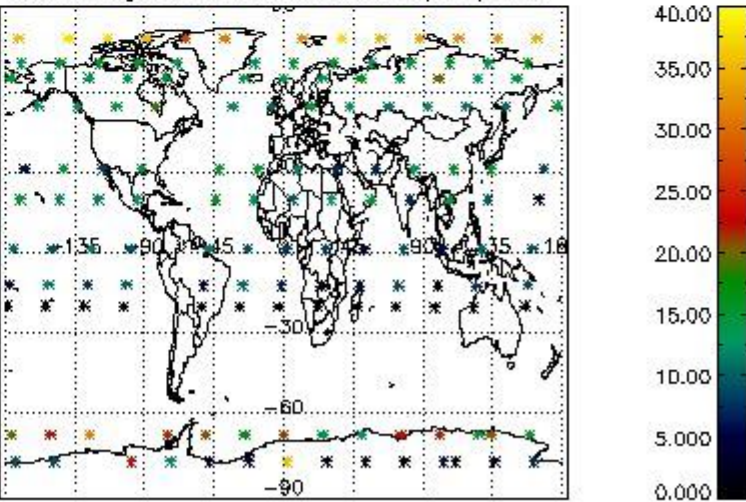
Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



## 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

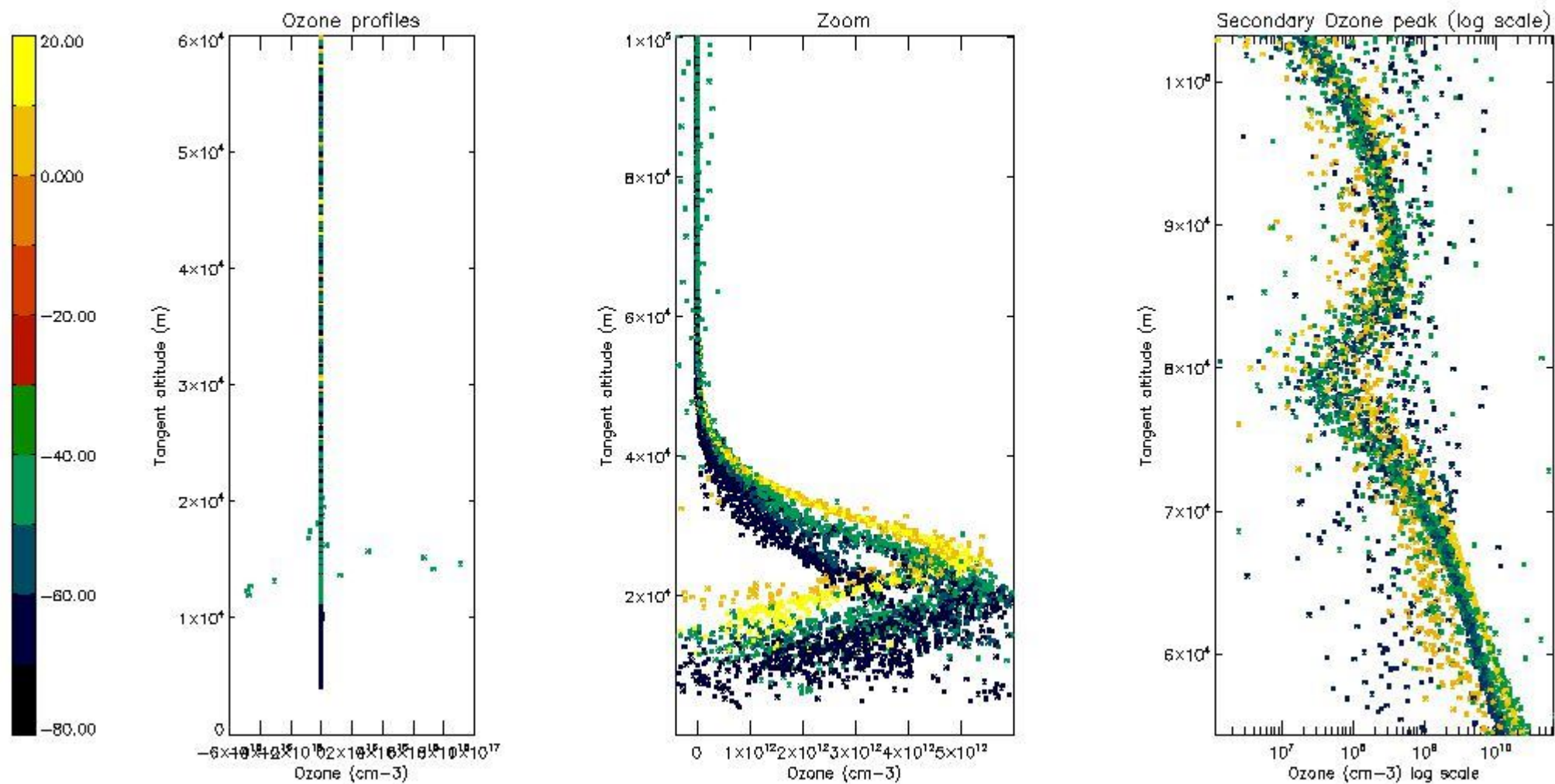
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

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

|          |    |
|----------|----|
| STD < 10 | 17 |
| STD < 5  | 12 |

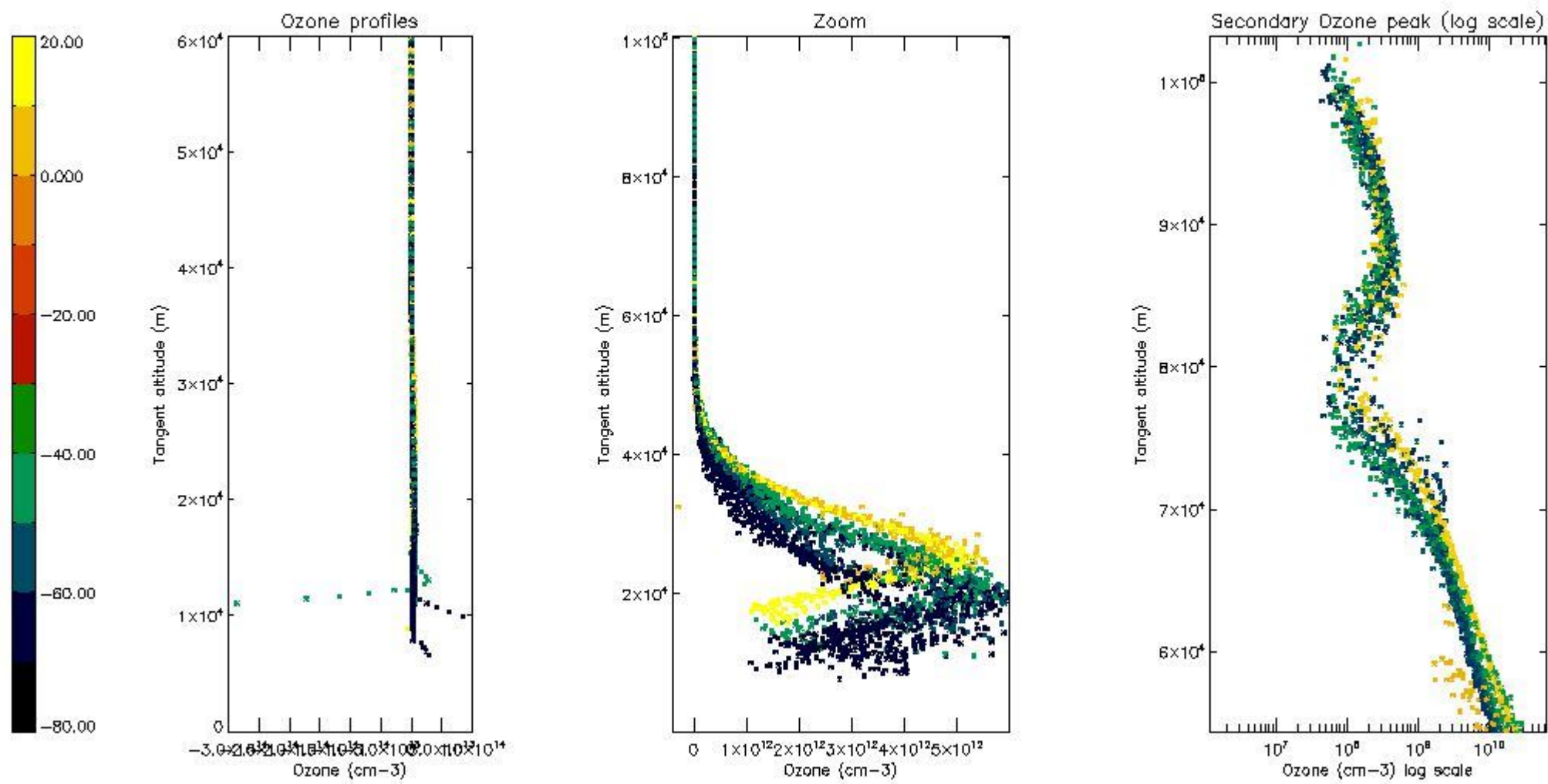
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



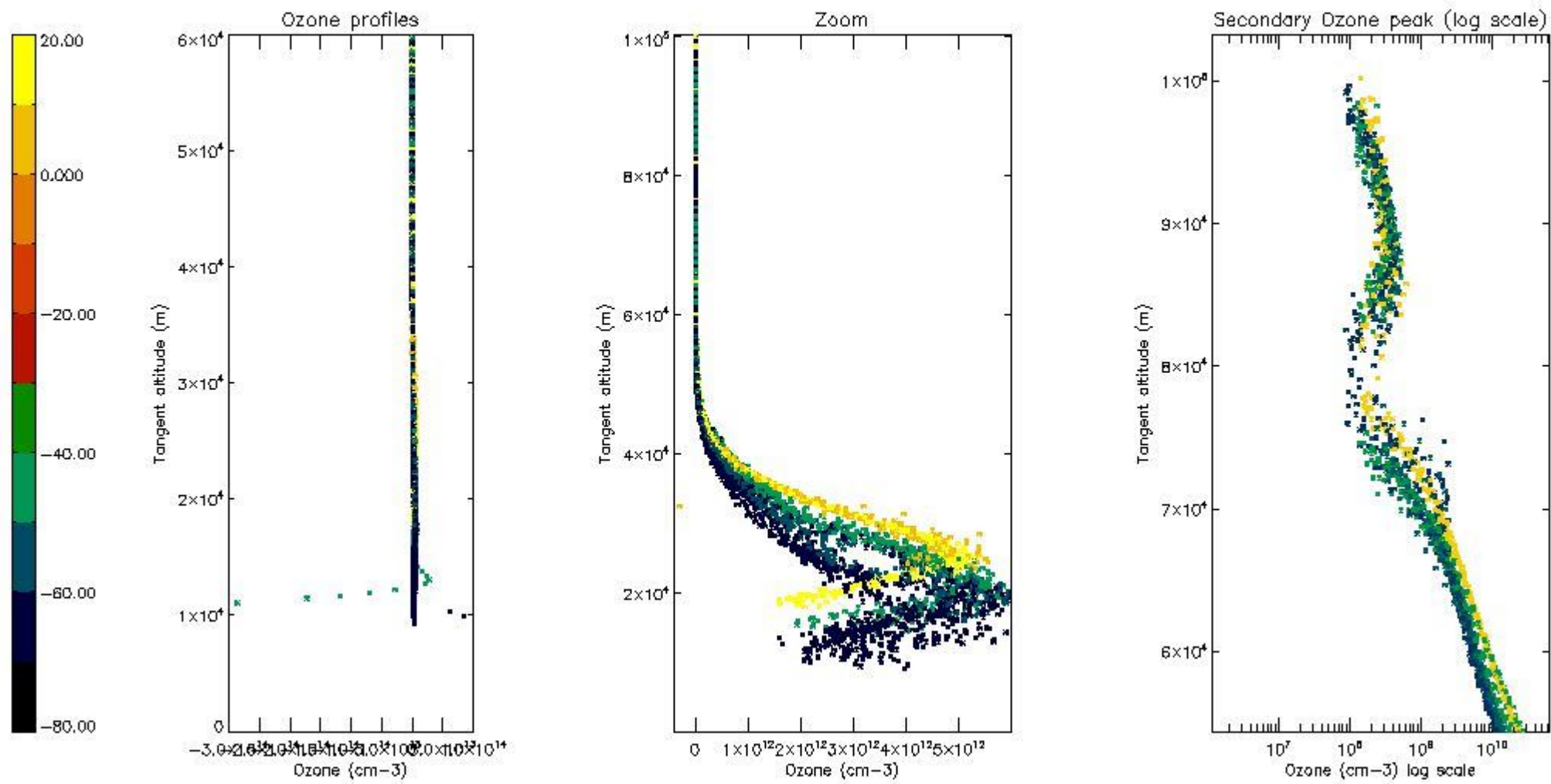
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



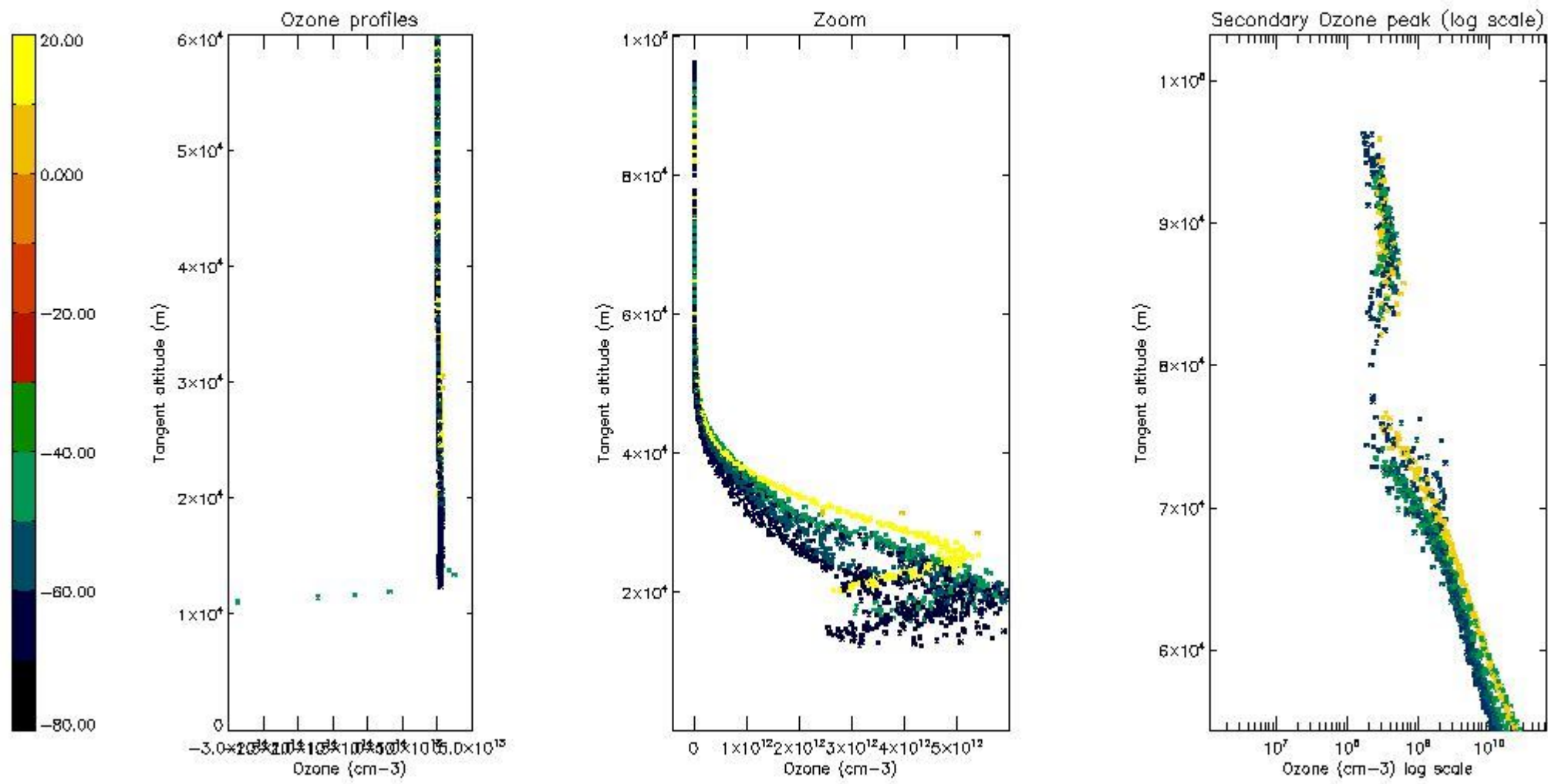
*5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



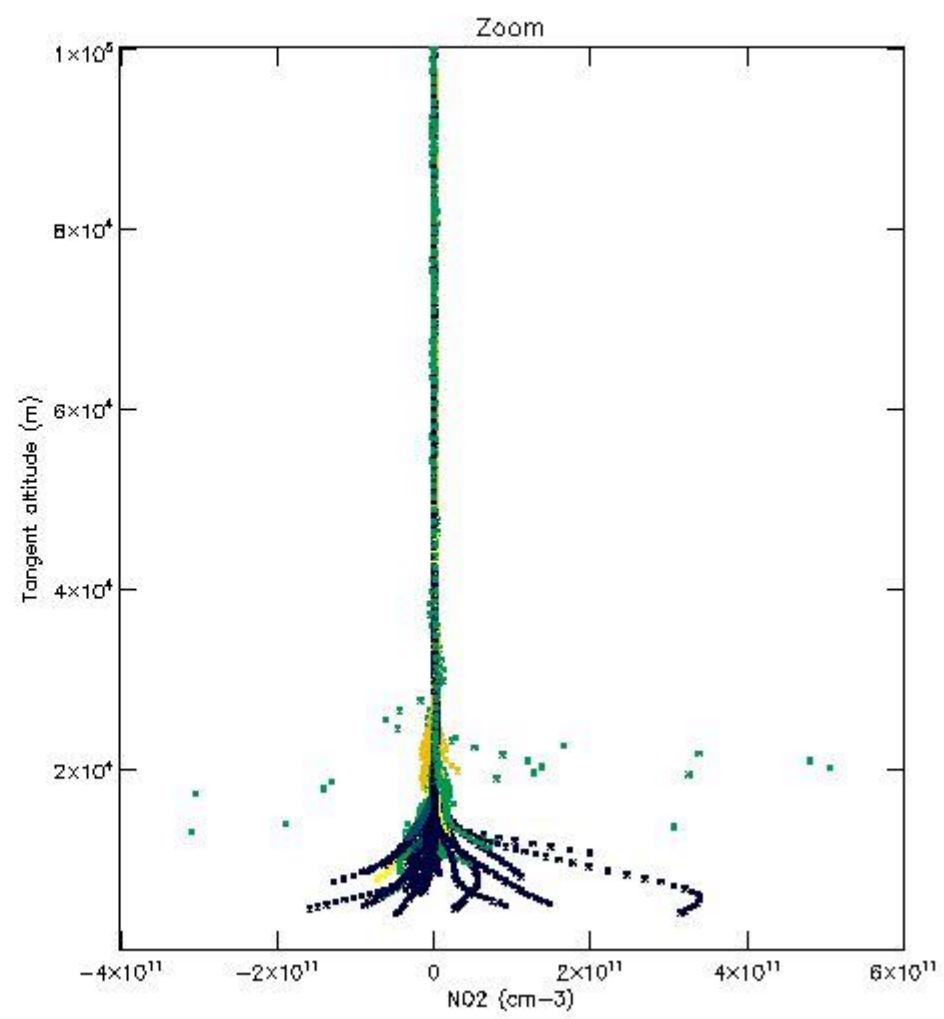
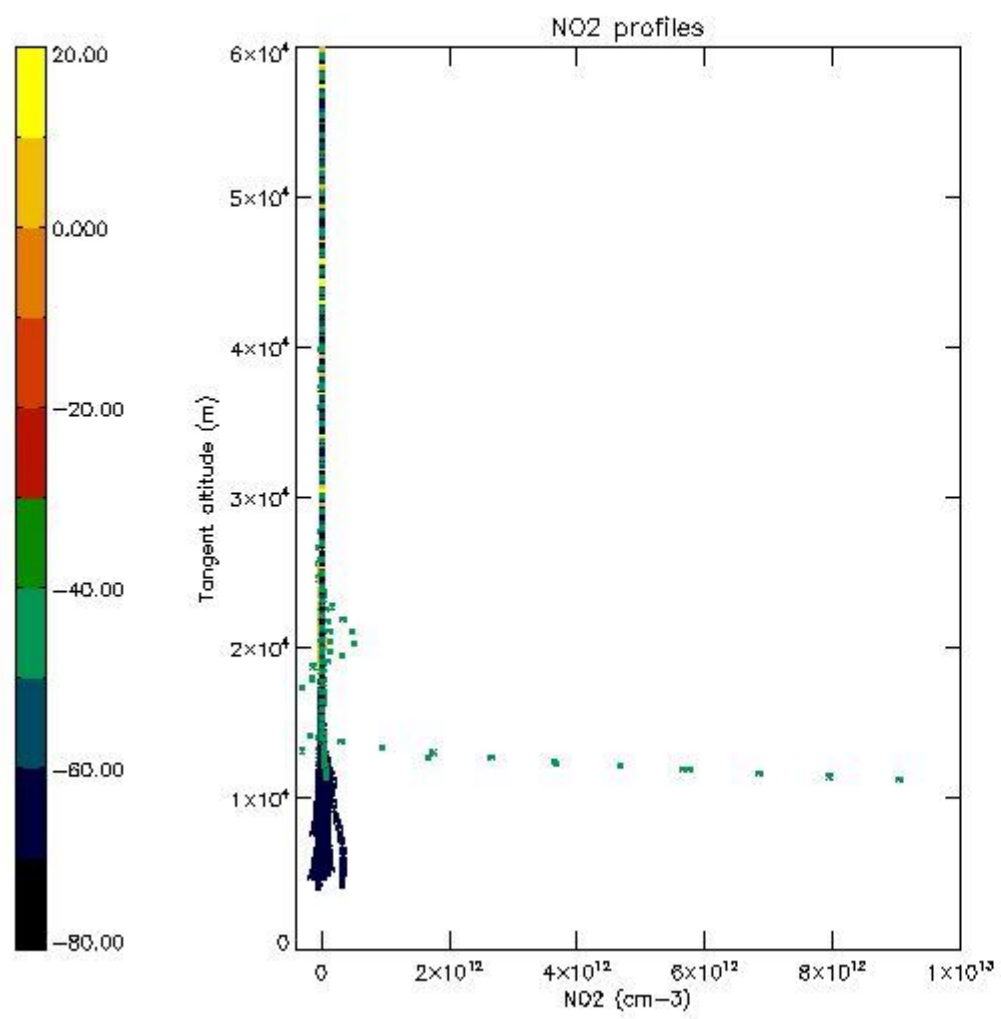
*5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



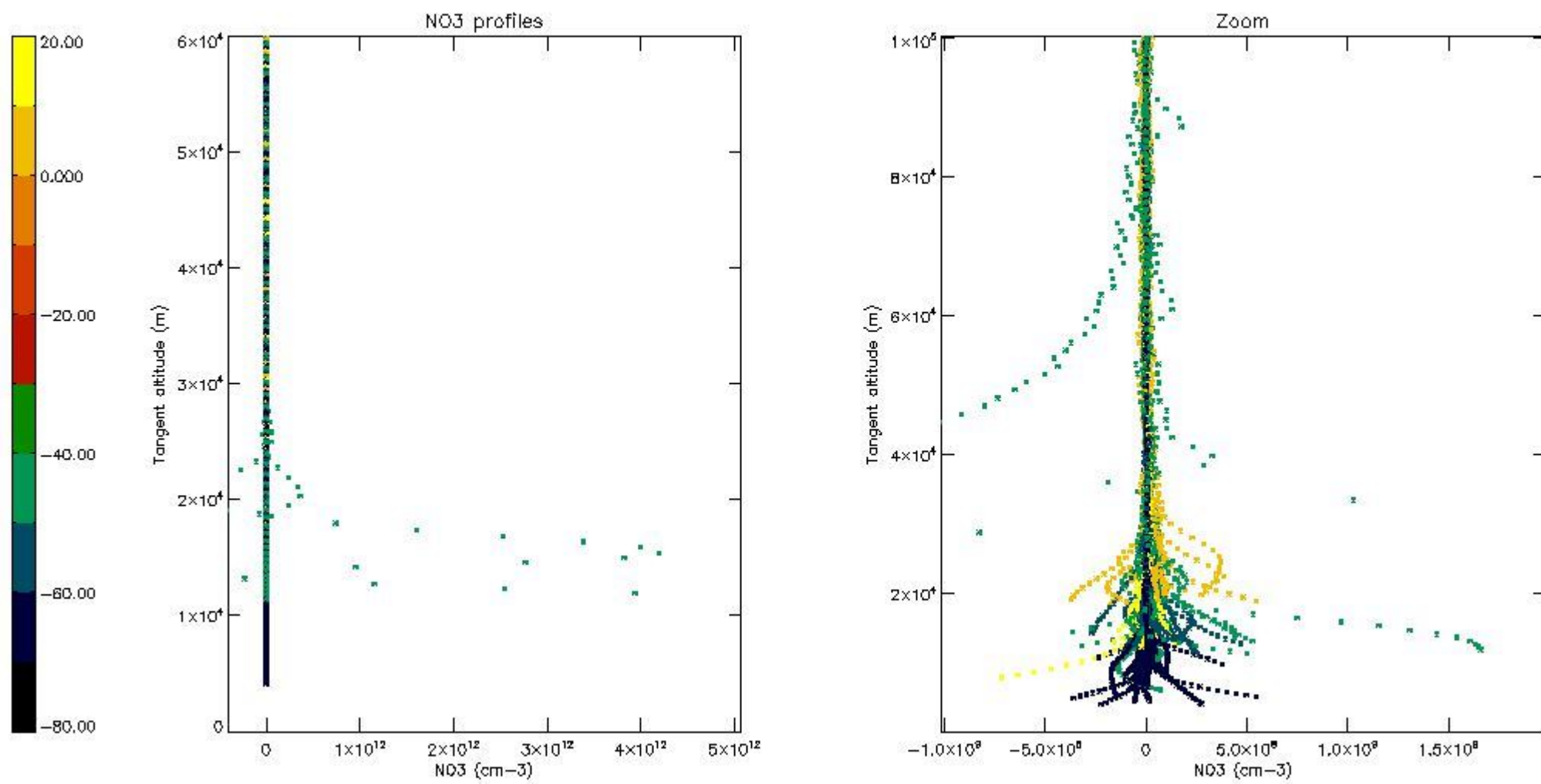
*5.6 Plot NO<sub>2</sub> profiles for all STD (dark without errors)*

The colorbar represents the latitude.



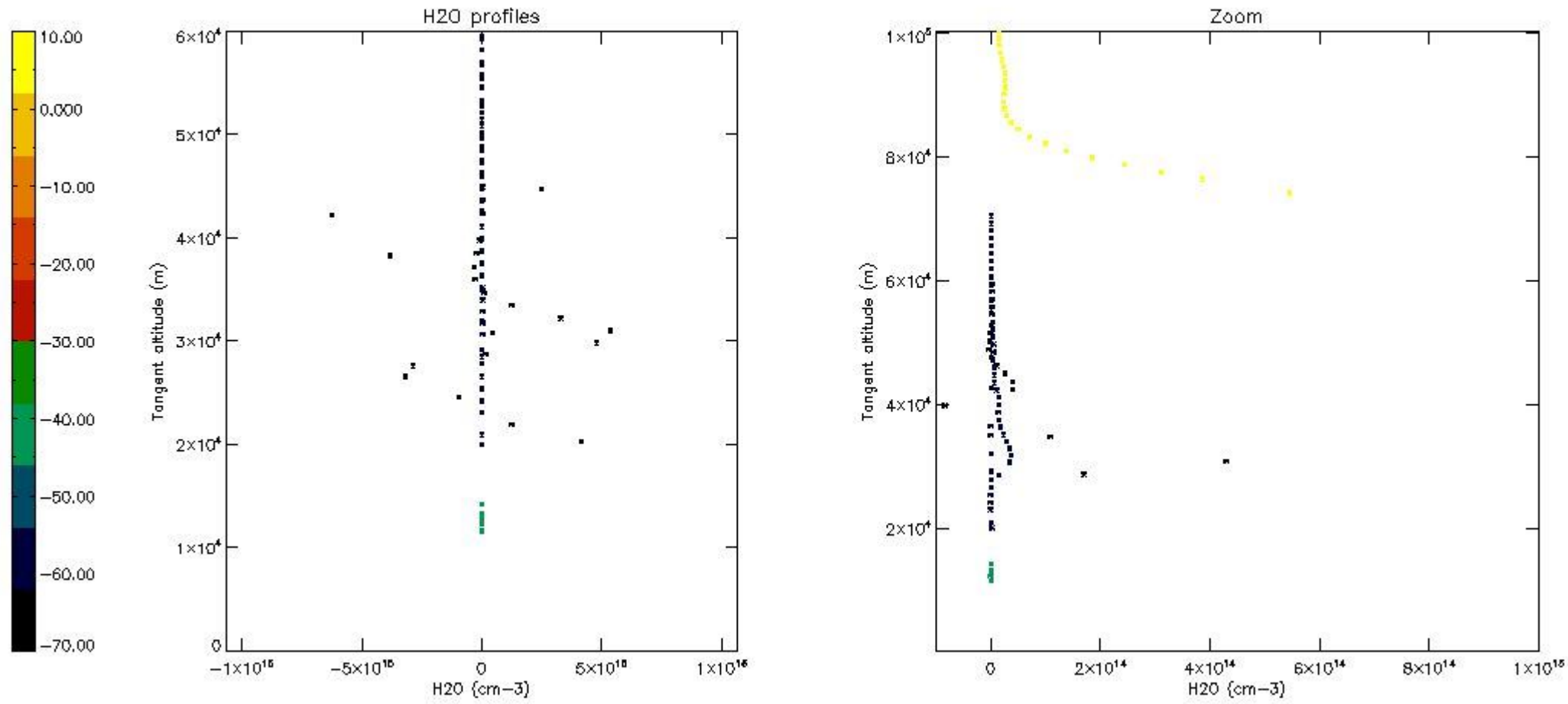
*5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



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

The colorbar represents the latitude.

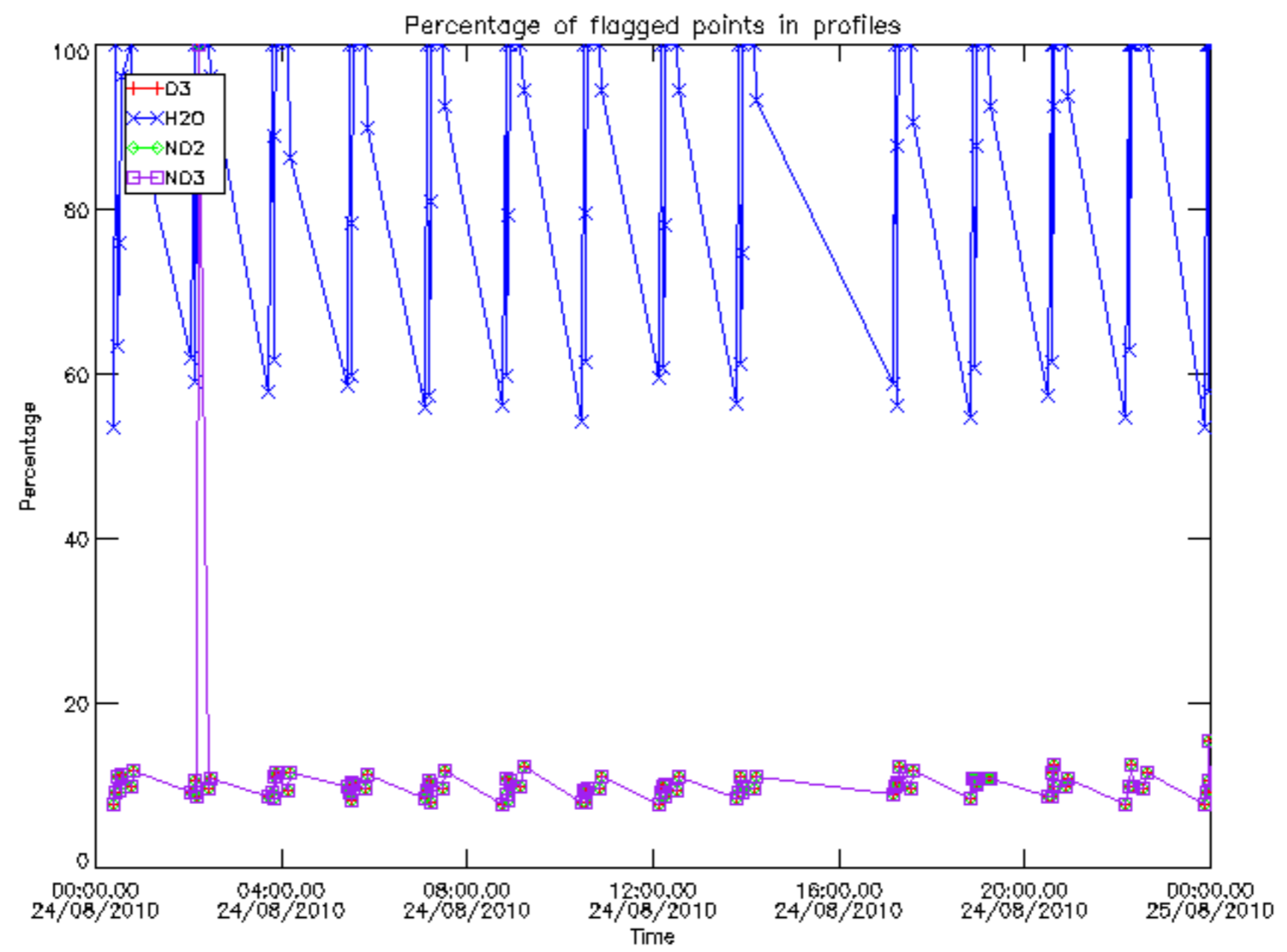


## 6. Auxiliary Data Files used for the production reported in section 2

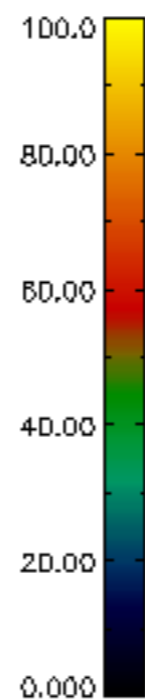
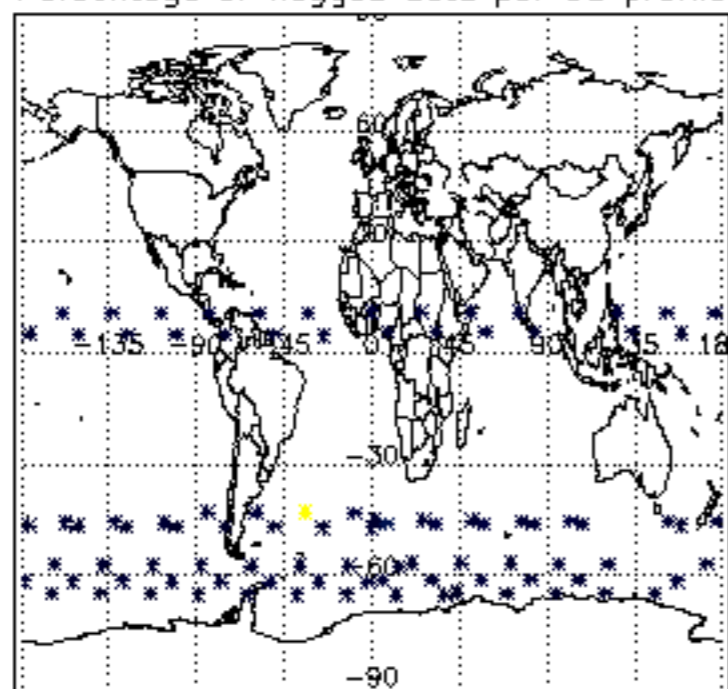
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

| Type                      | Auxiliary Filename  | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1                  | 24-AUG-2010 00:09:24    |
| LEVEL-2_PROC_CONFIG       | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1                  | 24-AUG-2010 00:09:24    |
| CROSS_SECTIONS_FILE       | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1                  | 24-AUG-2010 00:09:24    |

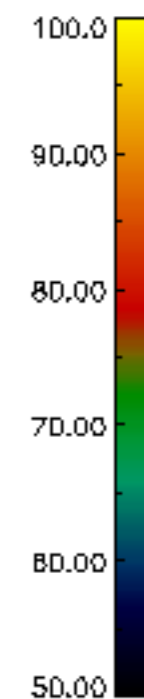
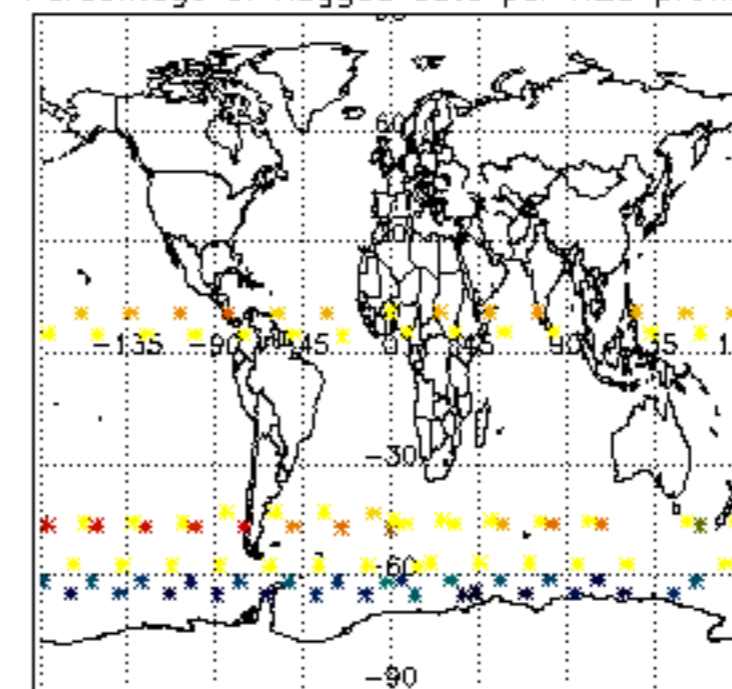




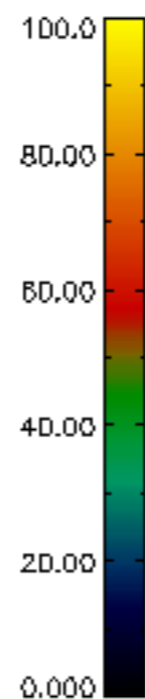
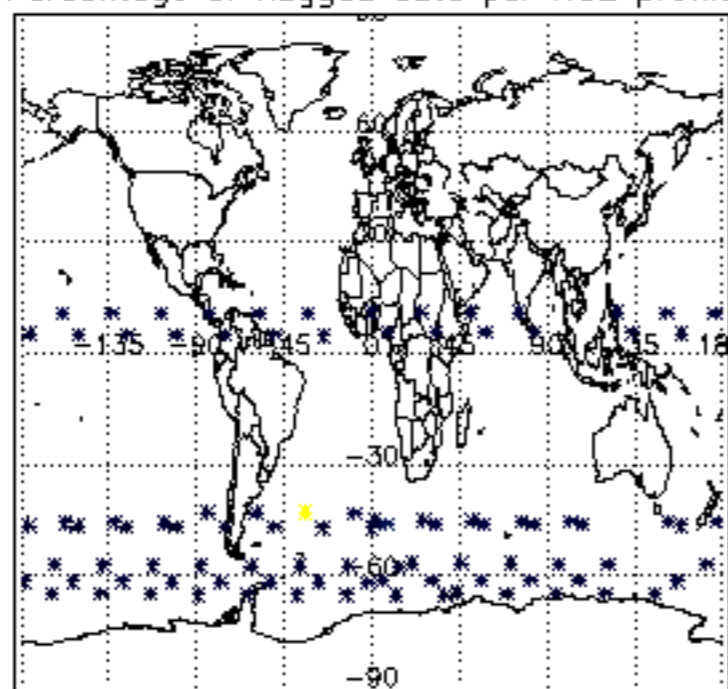
Percentage of flagged data per D3 profile



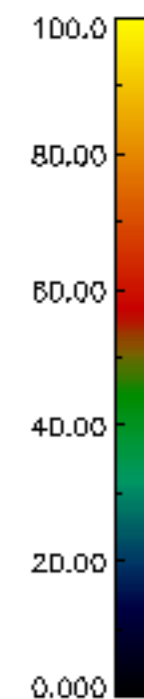
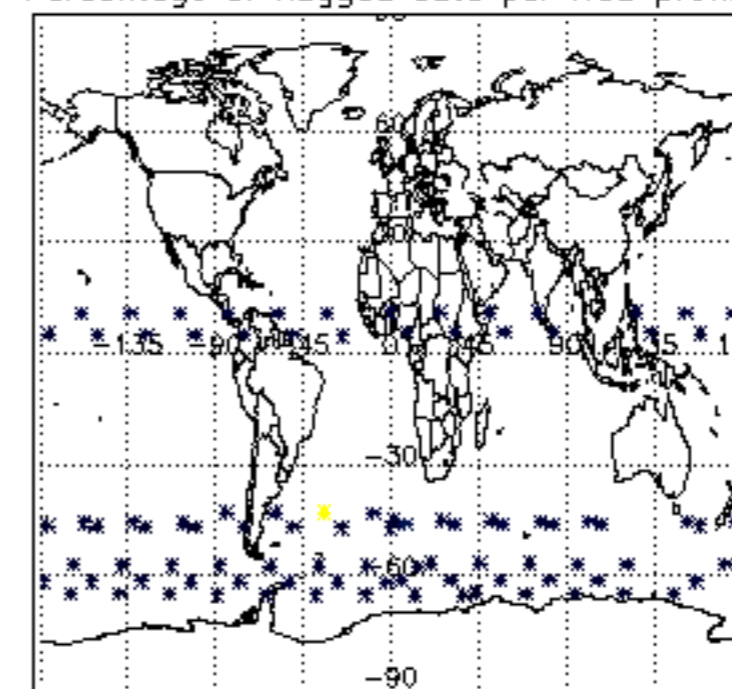
Percentage of flagged data per H2O profile

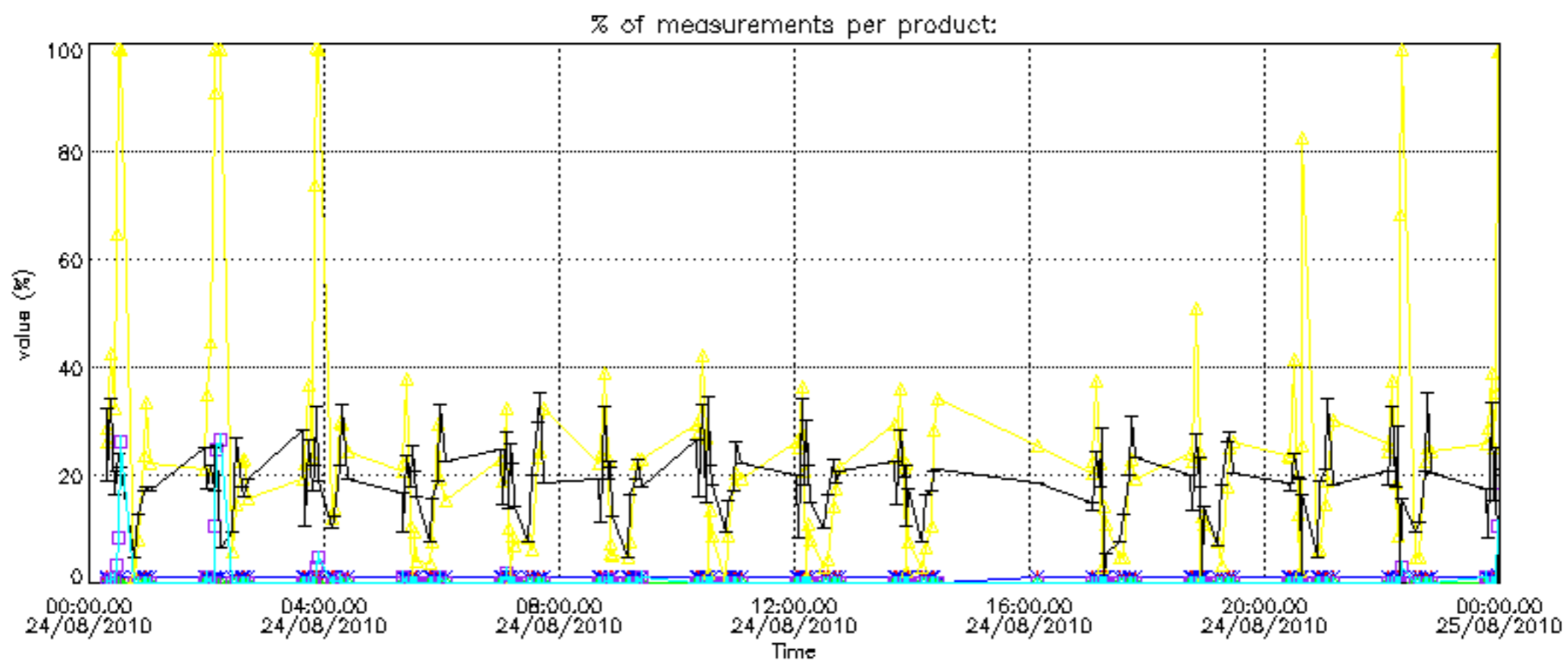


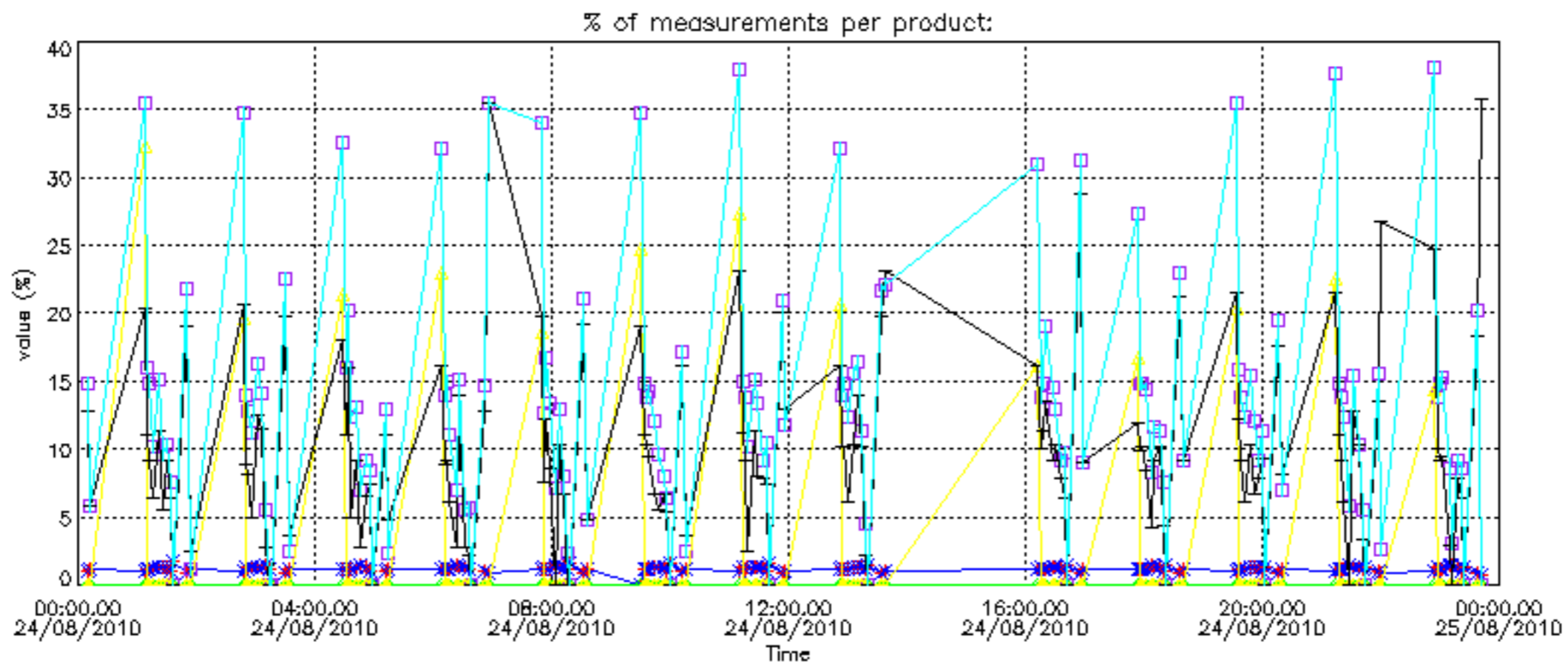
Percentage of flagged data per NO2 profile



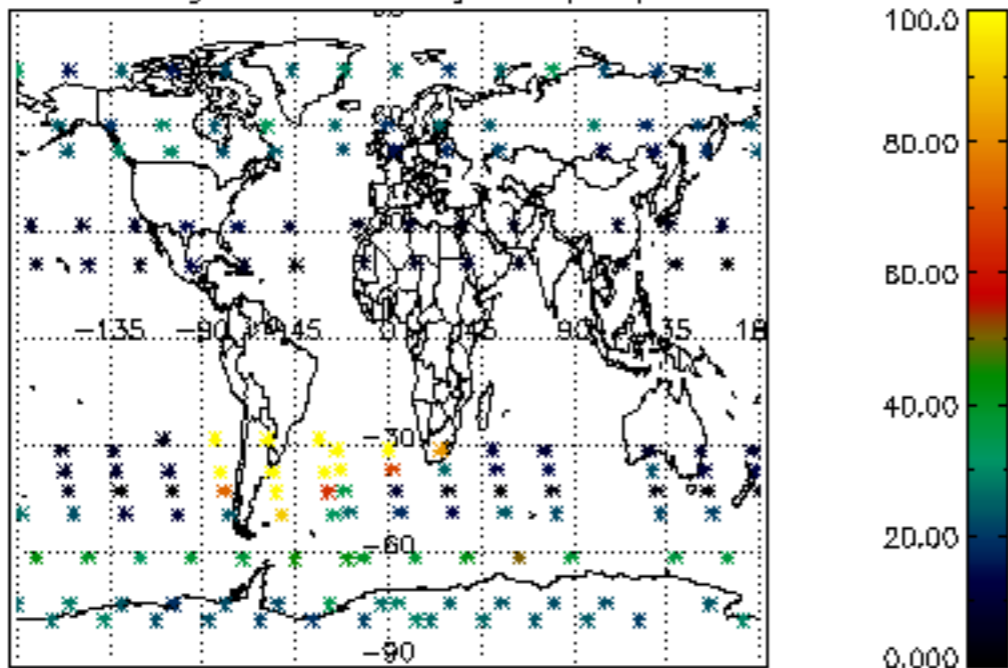
Percentage of flagged data per NO3 profile



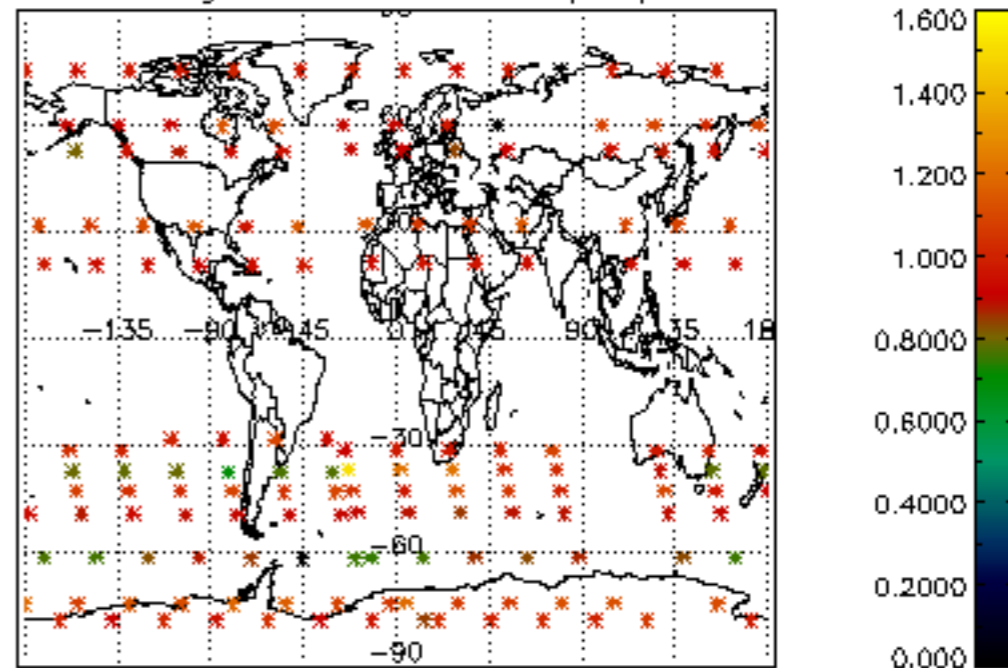




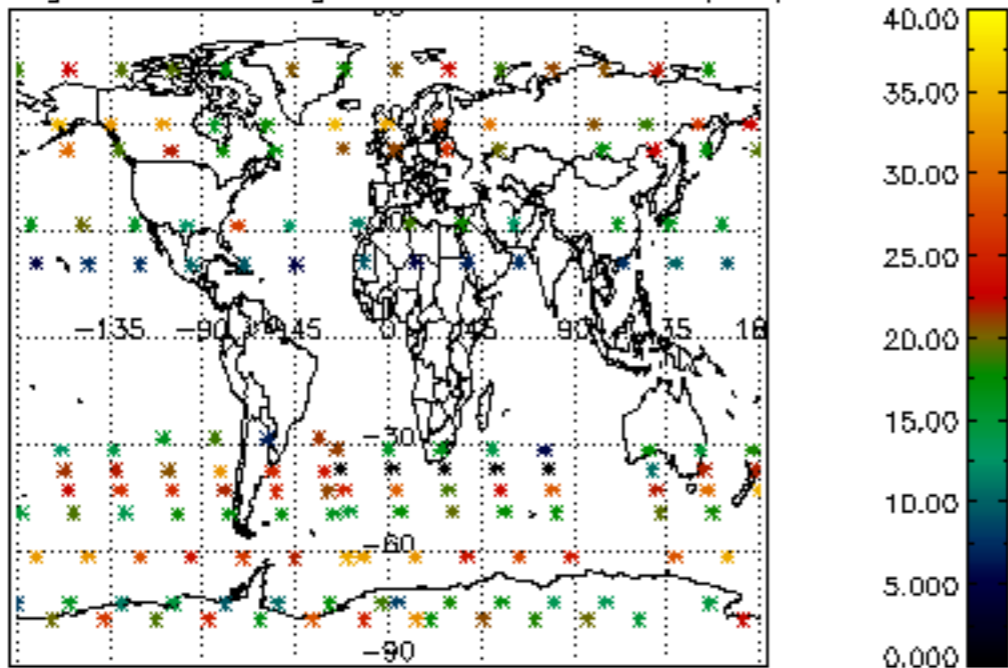
Percentage of cosmic ray hits per profile



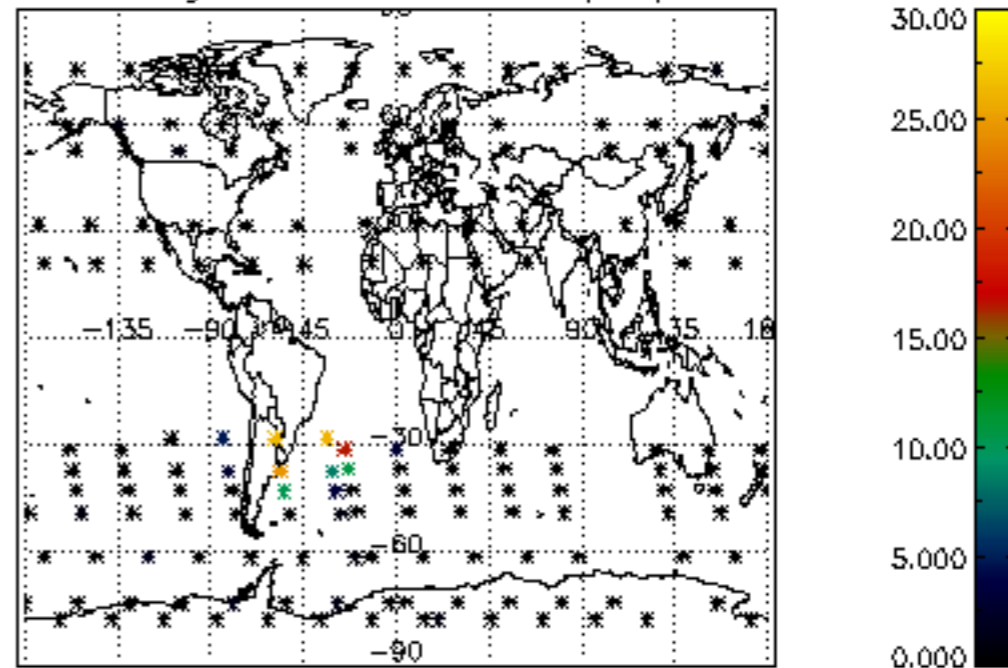
Percentage of datation errors per profile



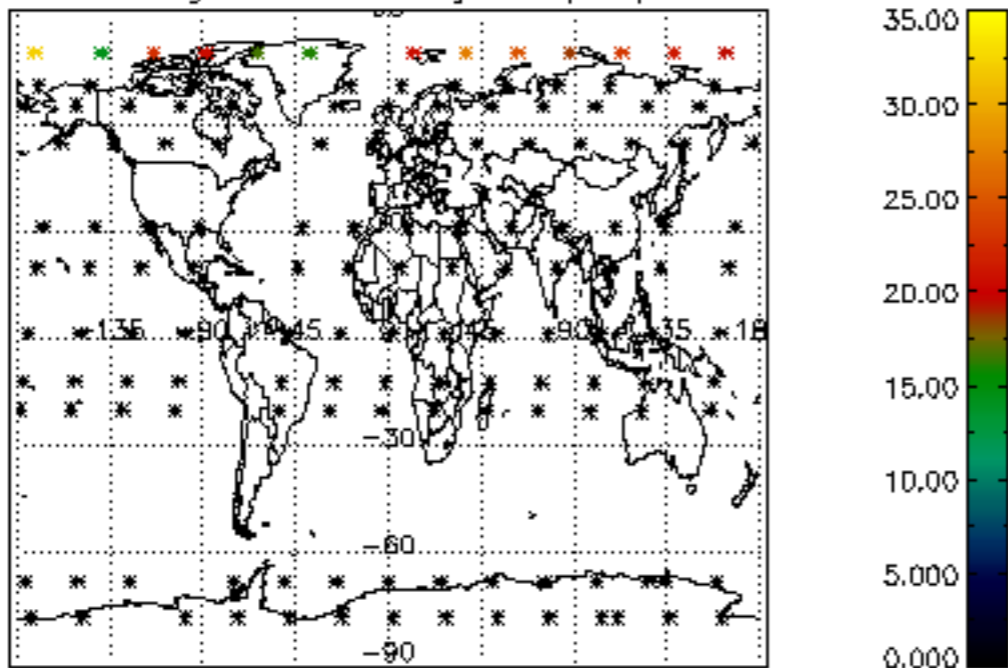
Percentage of star falling outside central band per profile



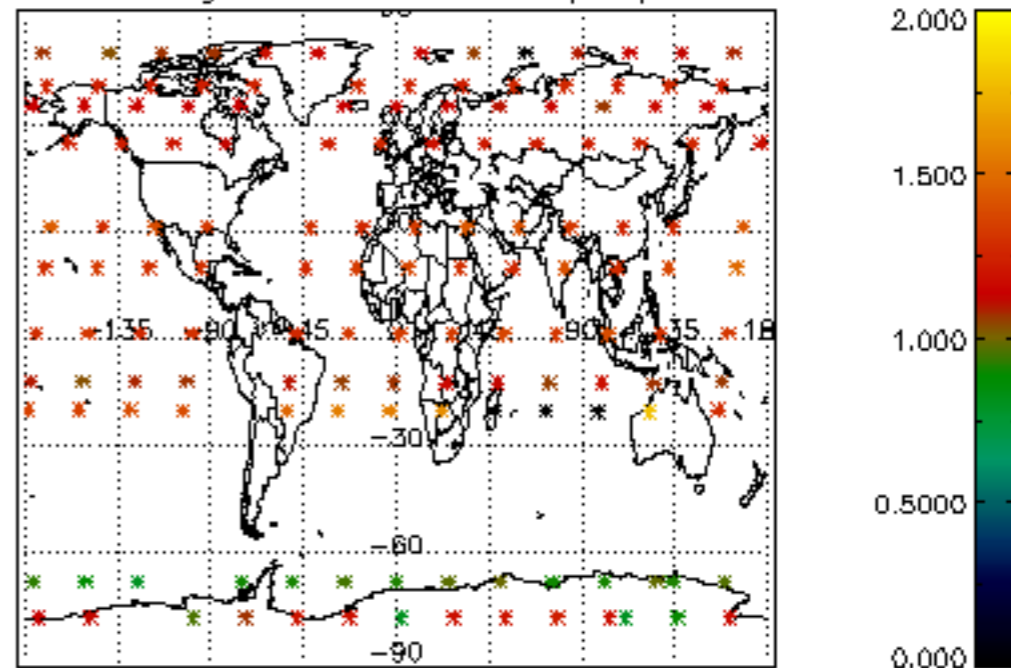
Percentage of saturation errors per profile



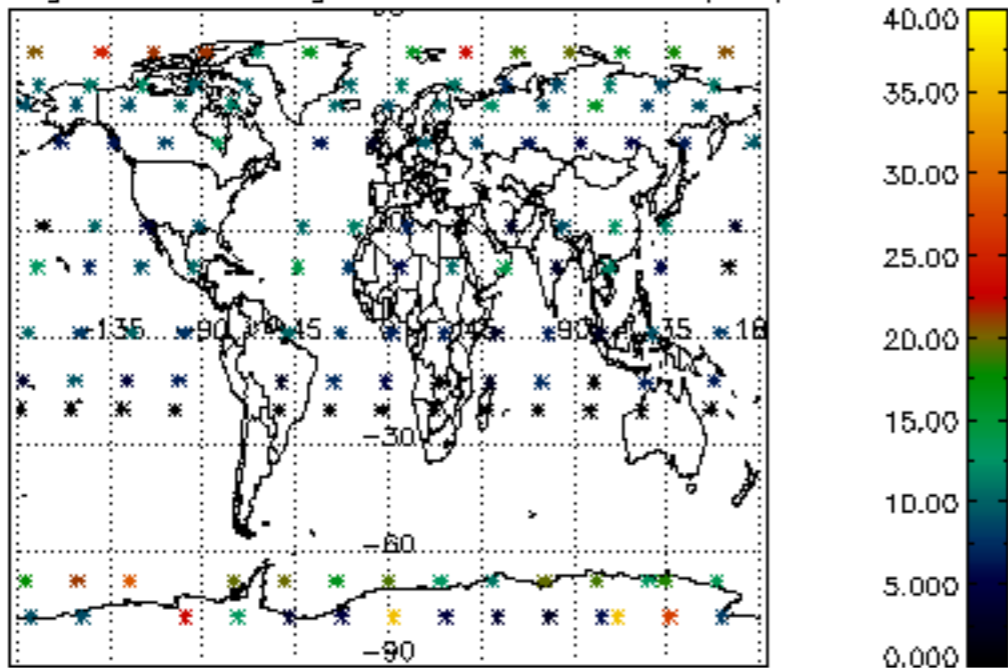
Percentage of cosmic ray hits per profile



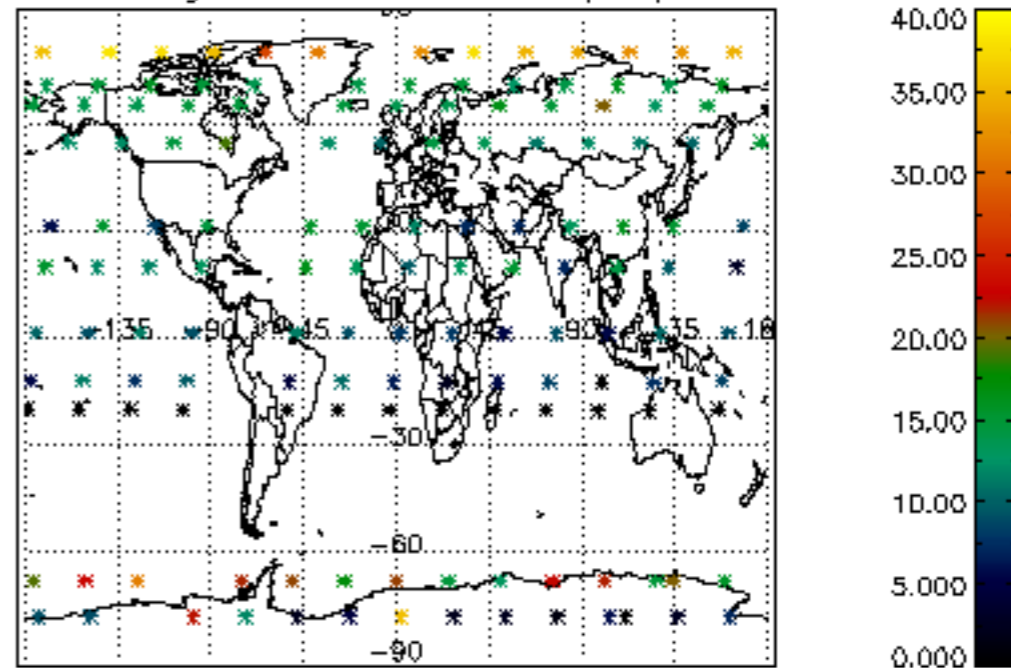
Percentage of datation errors per profile

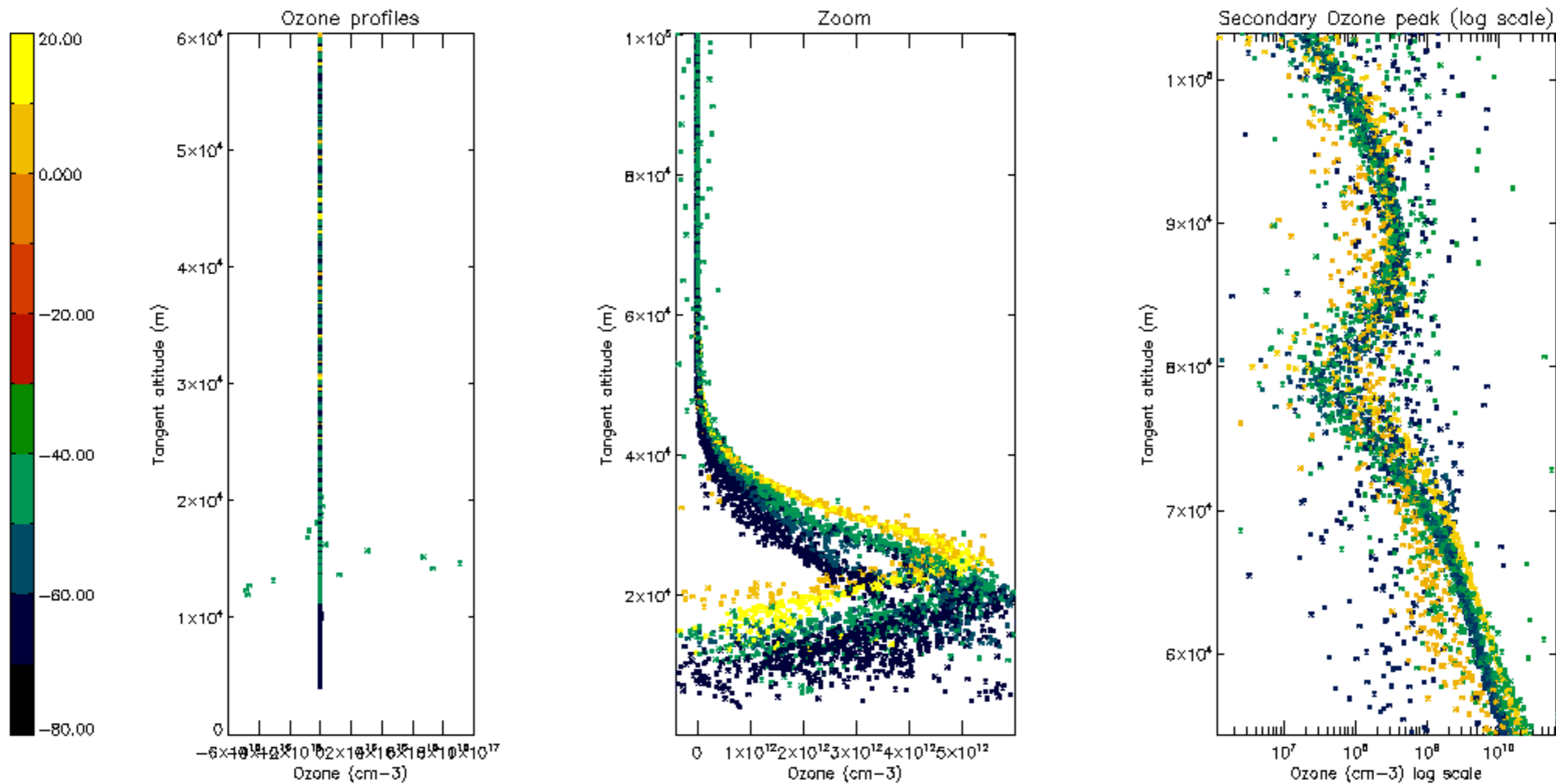


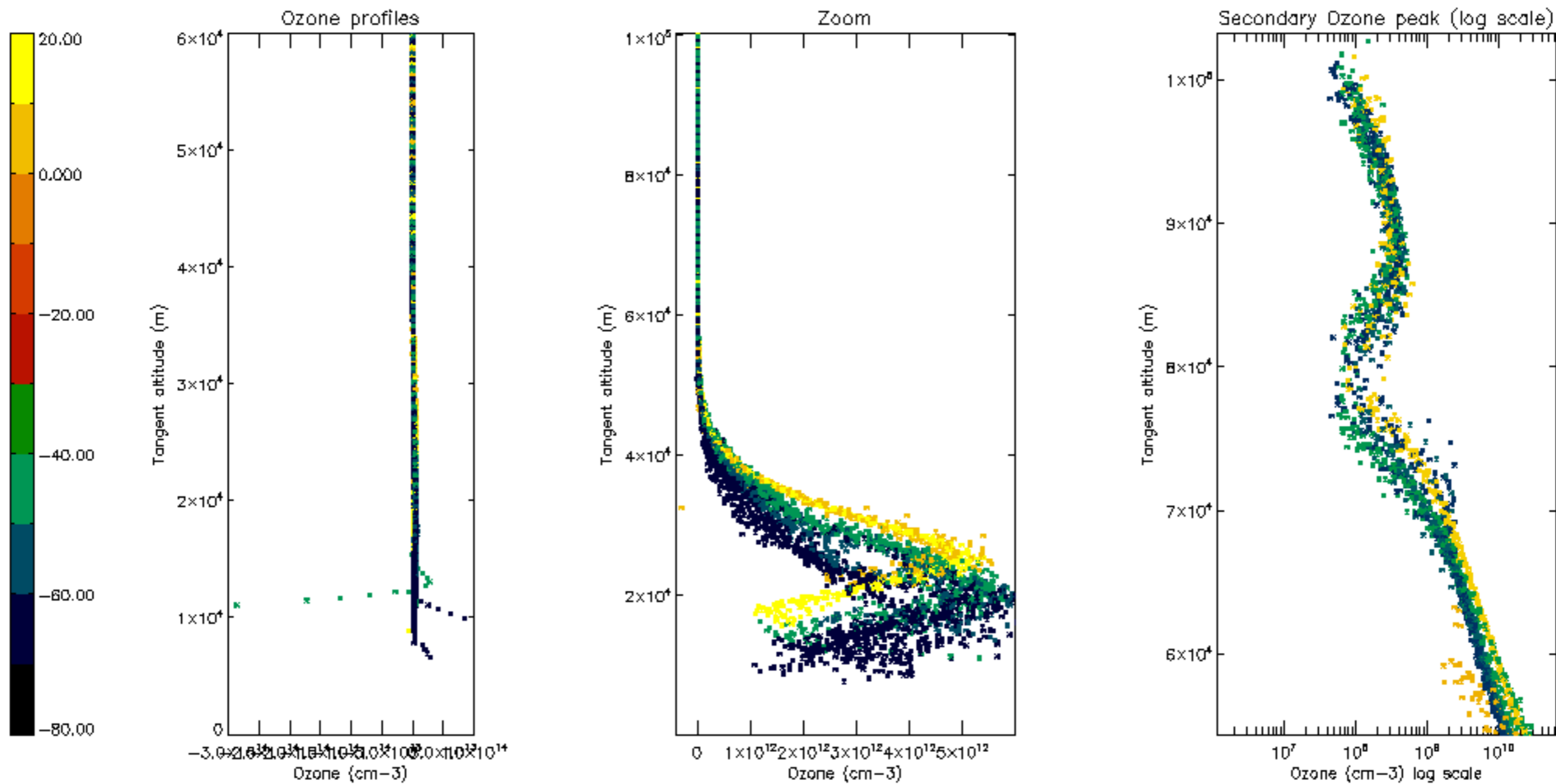
Percentage of star falling outside central band per profile



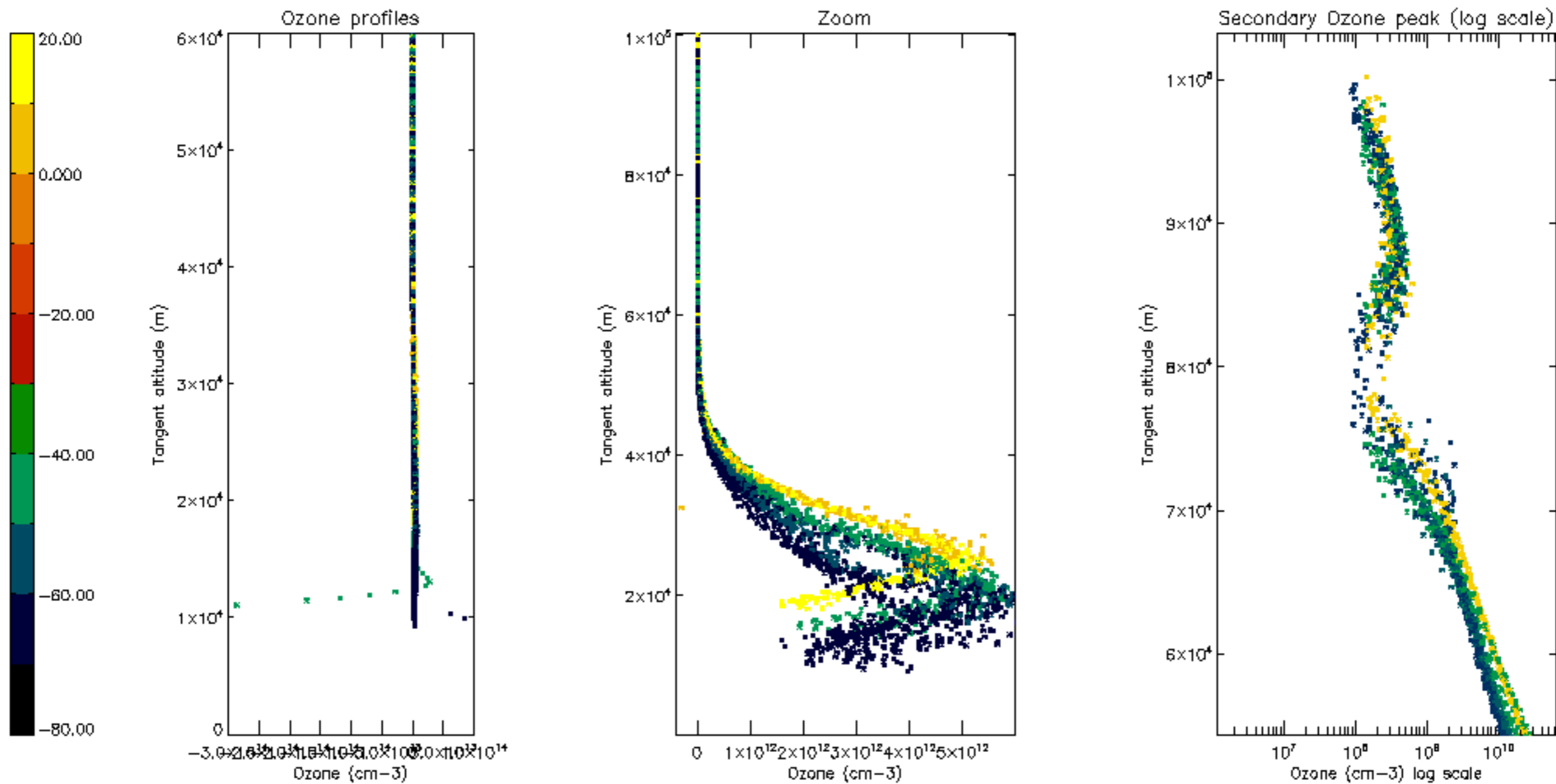
Percentage of saturation errors per profile

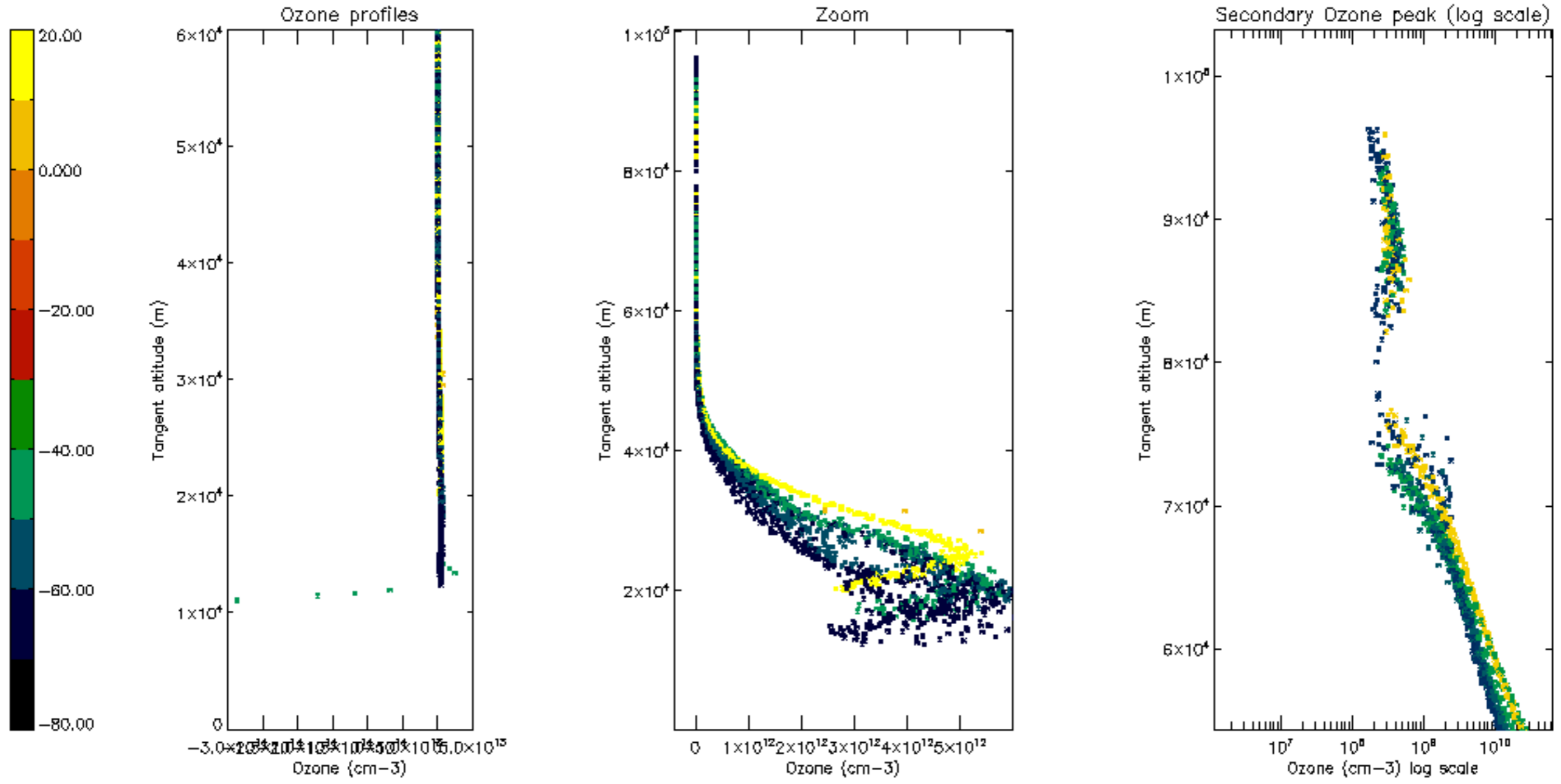


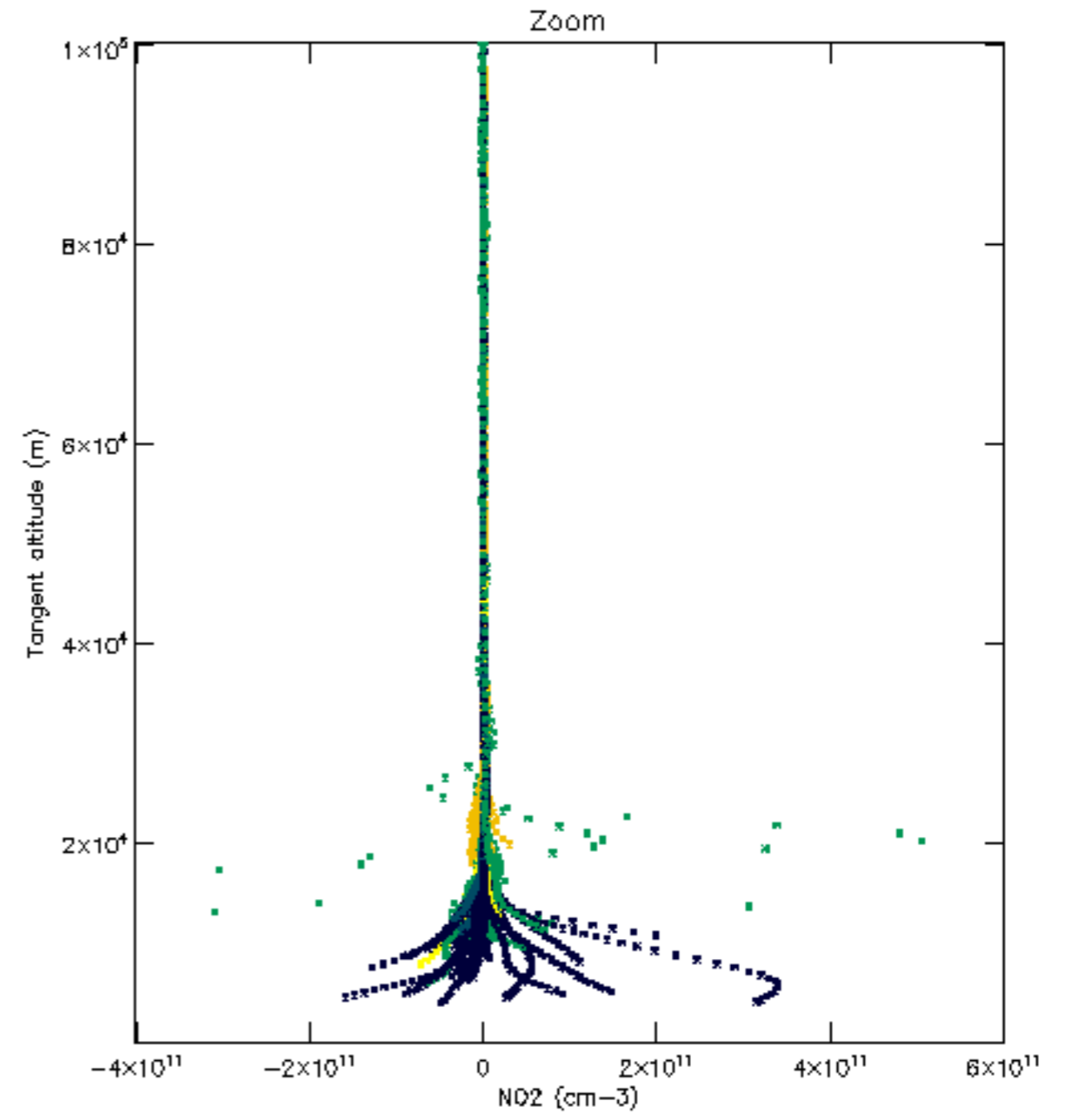
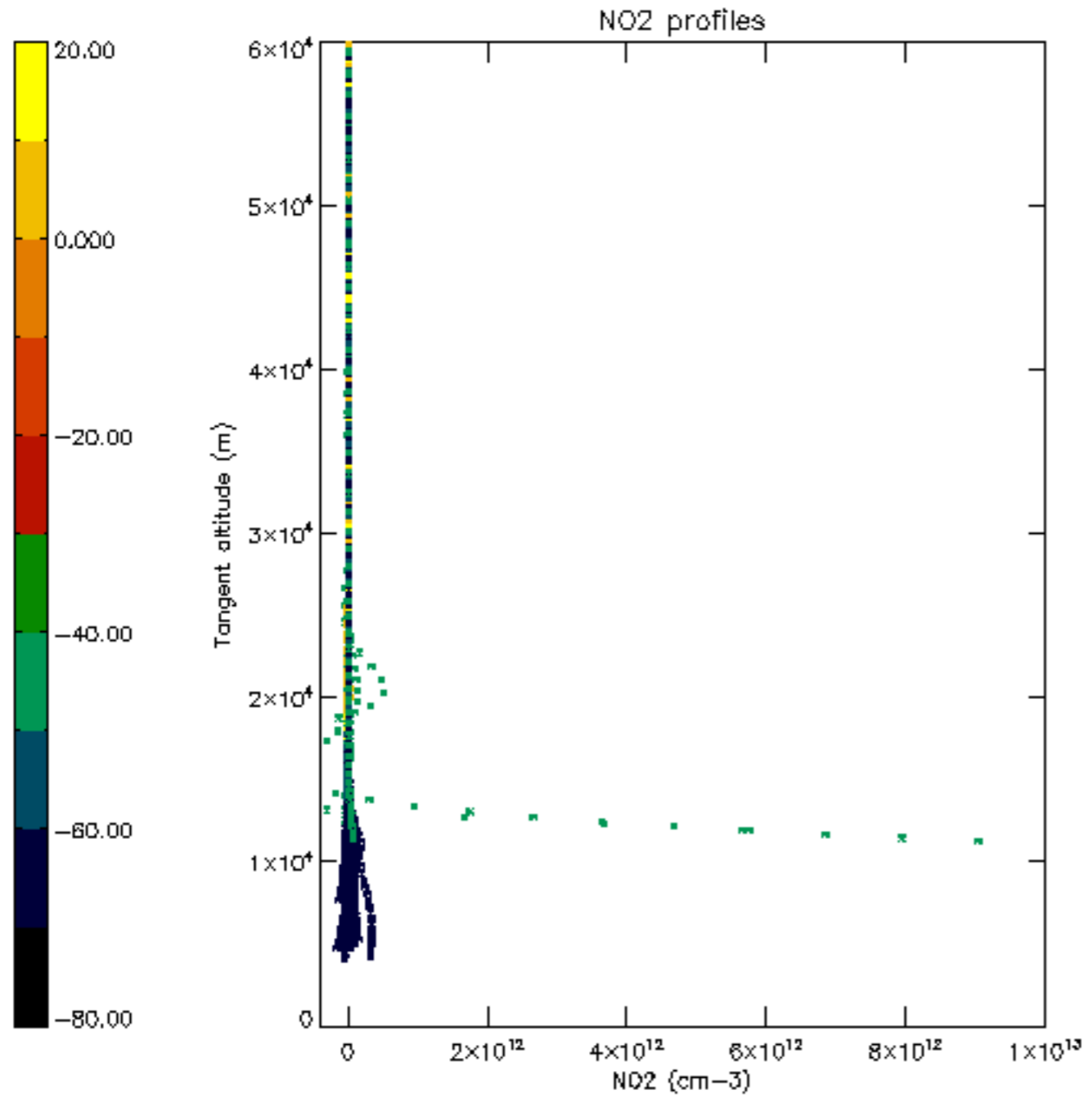


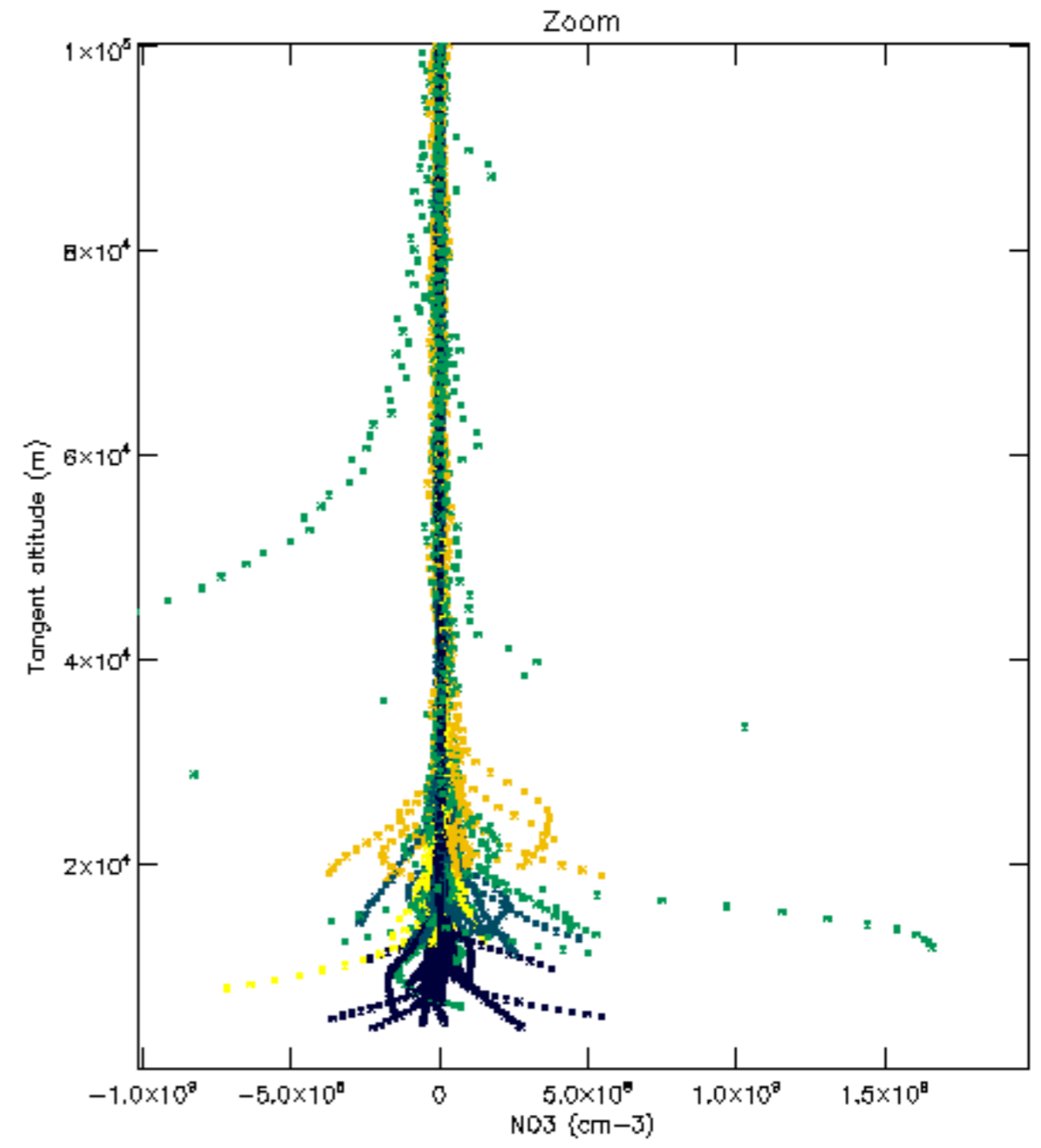
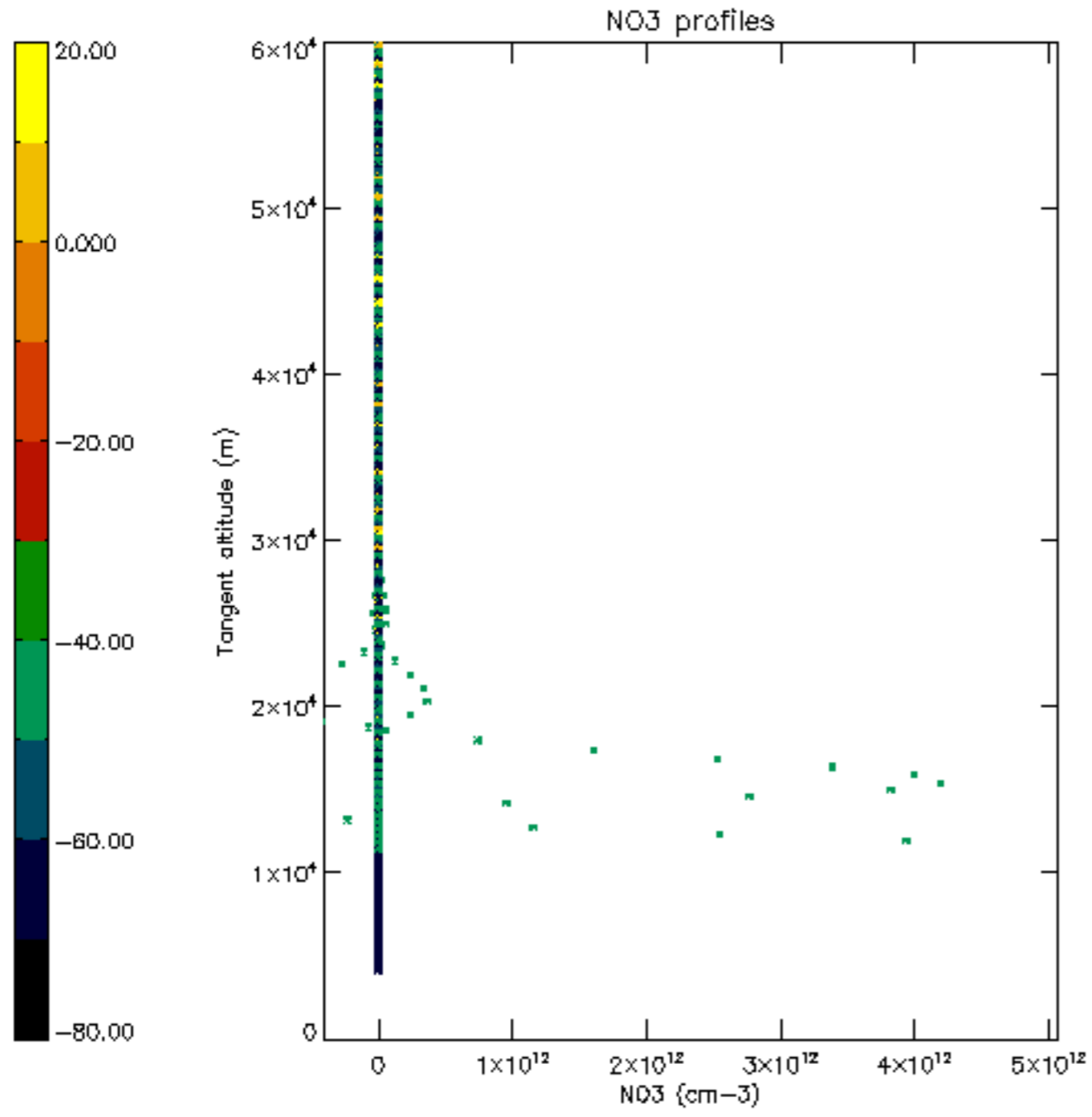


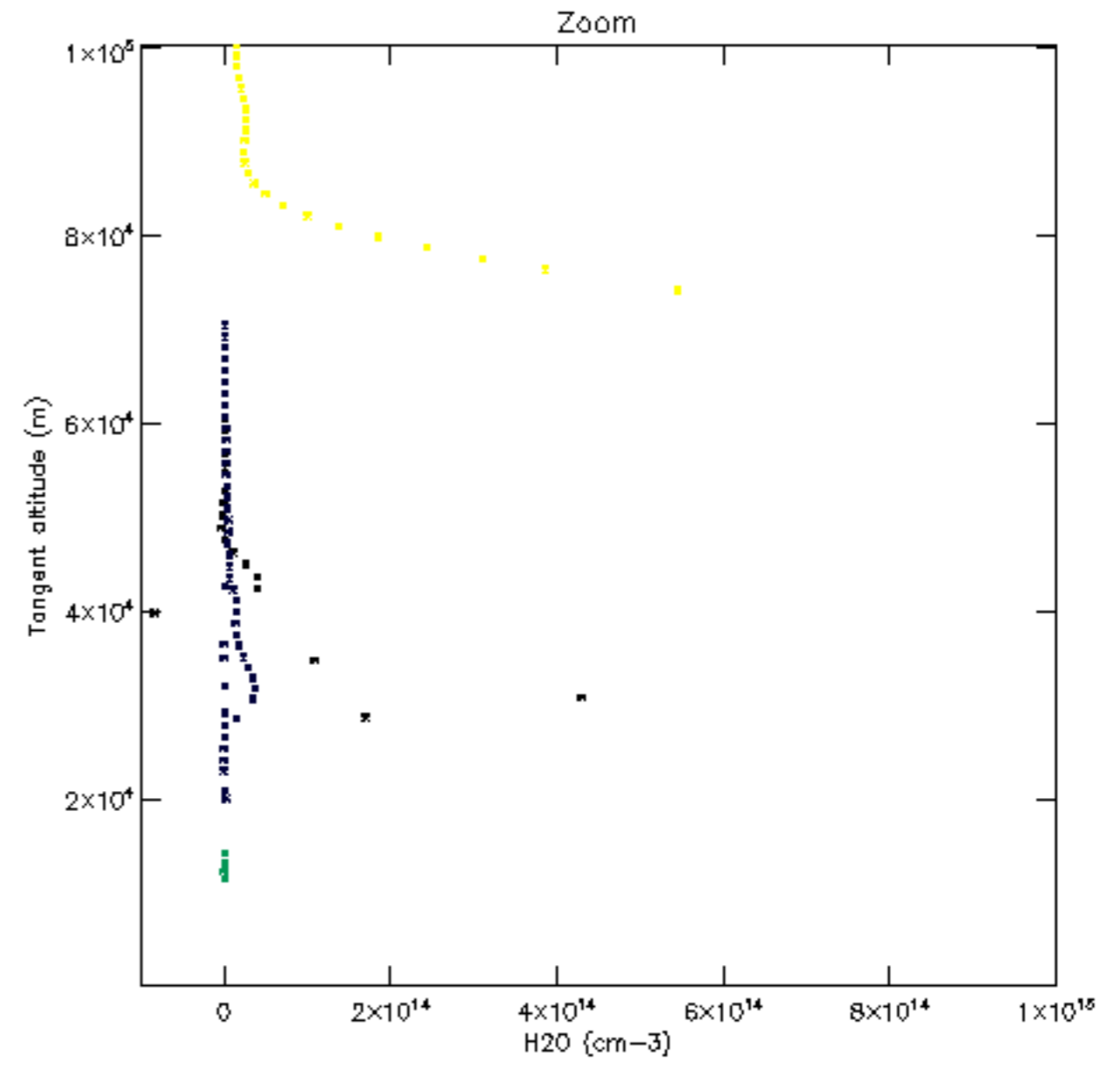
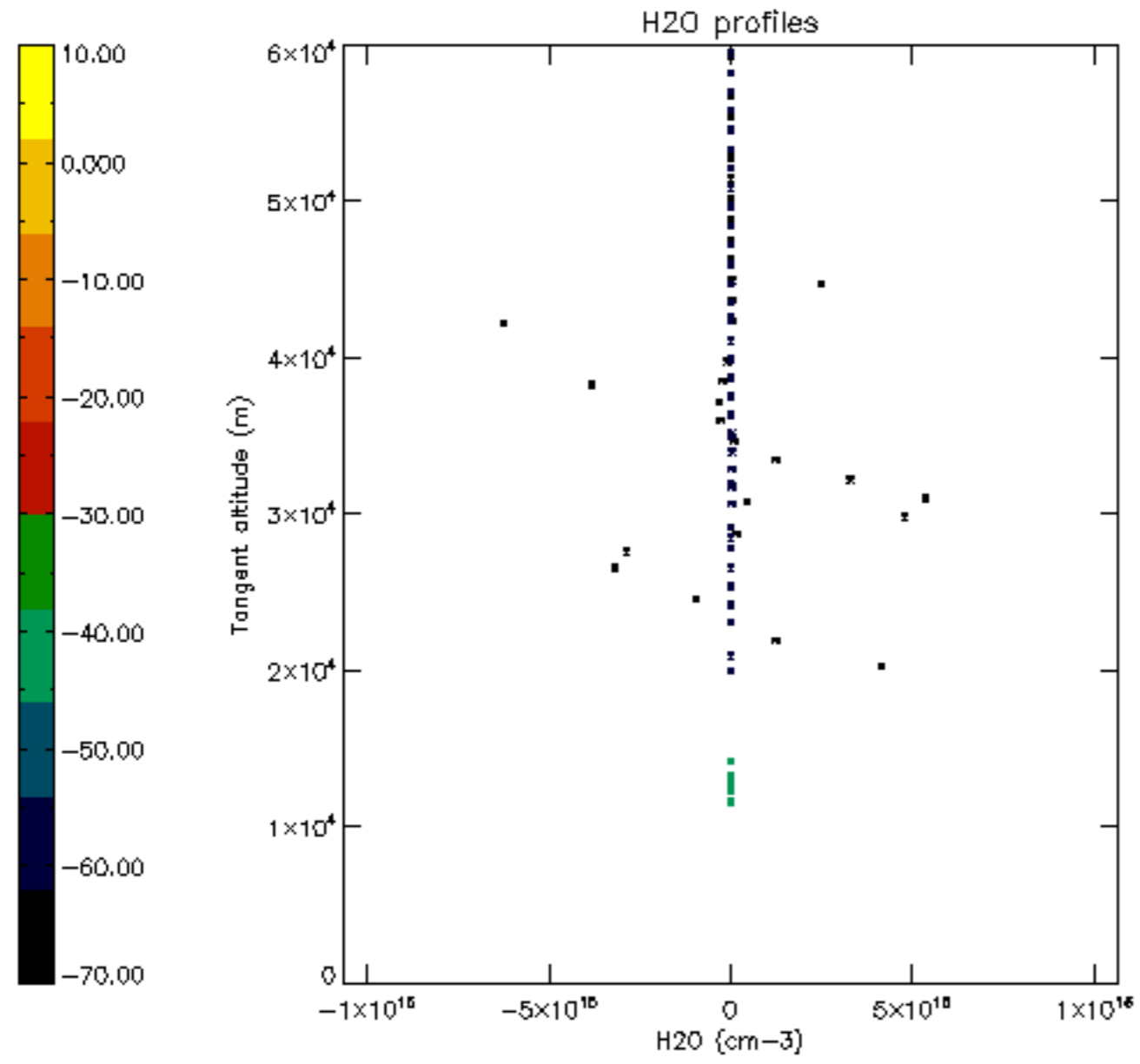


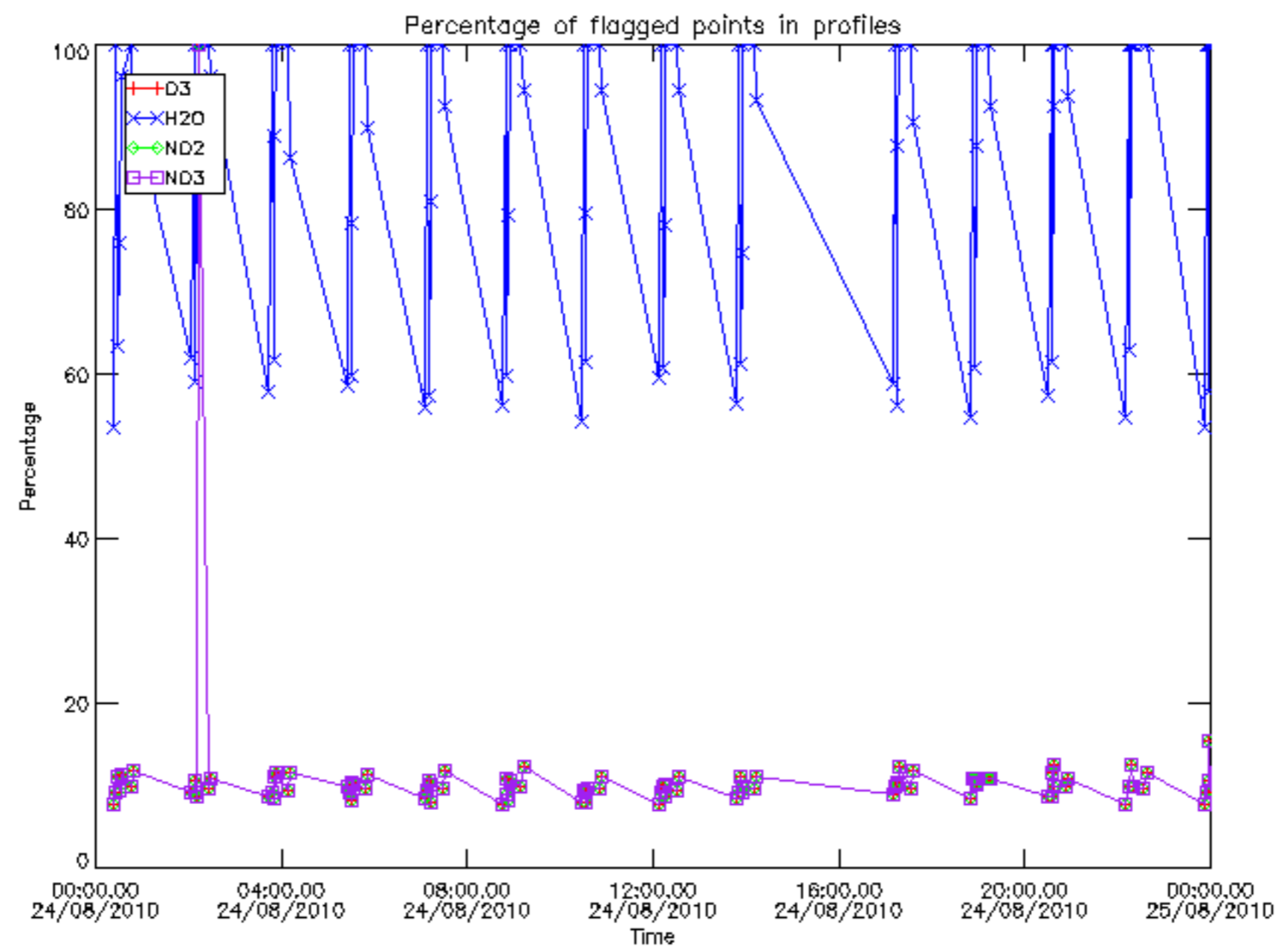




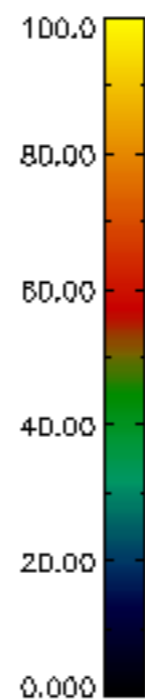
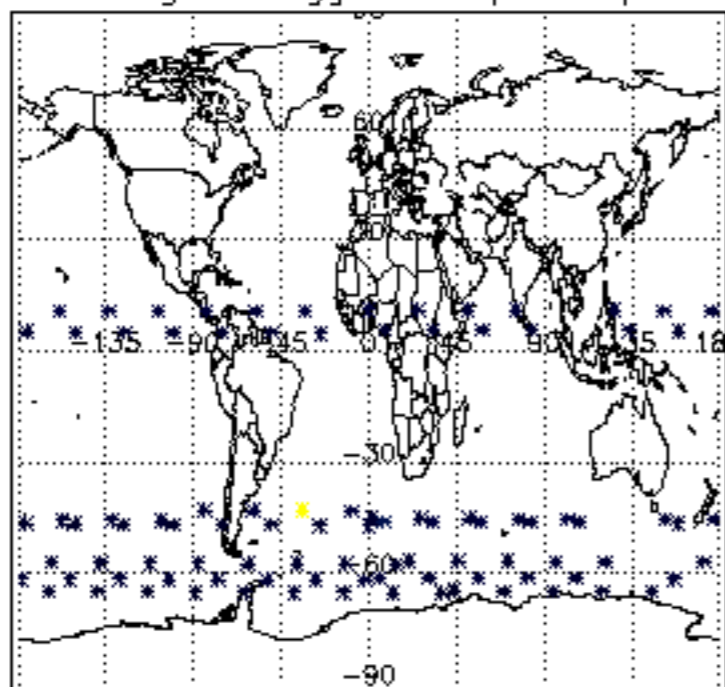




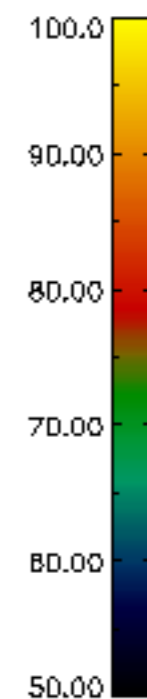
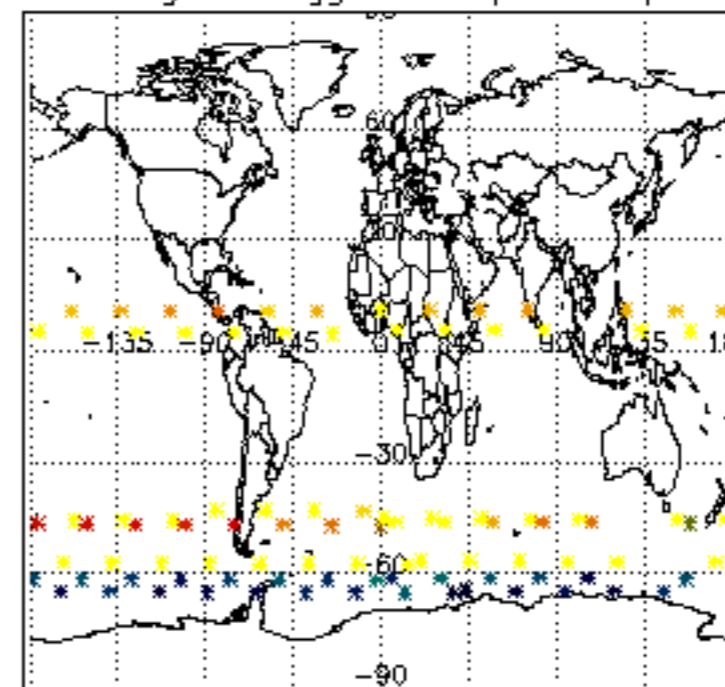




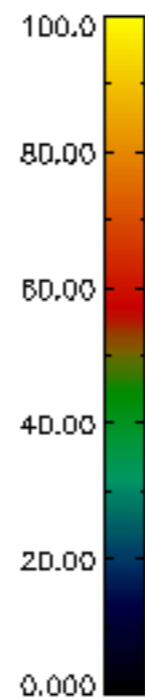
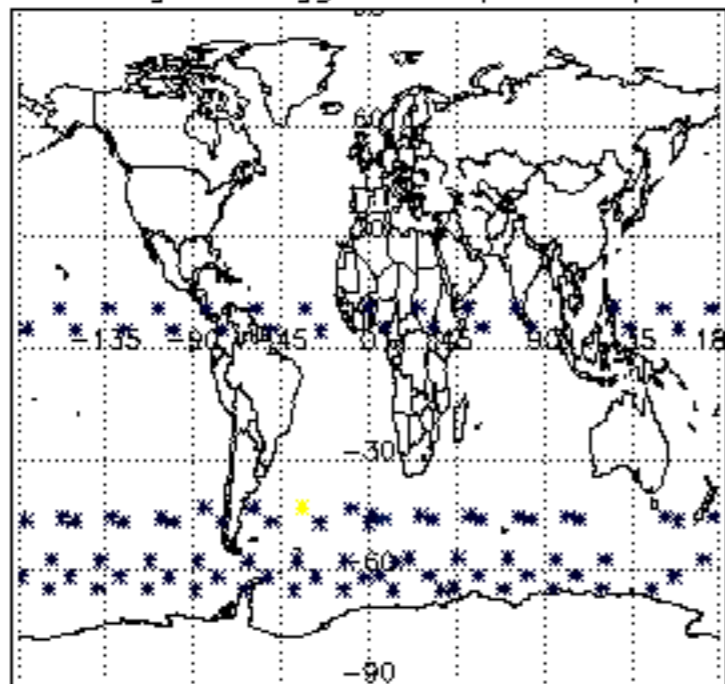
Percentage of flagged data per D3 profile



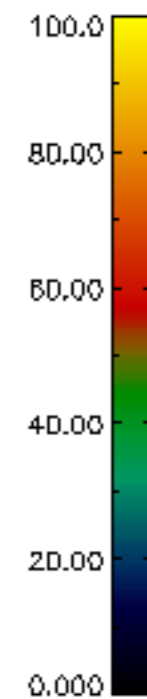
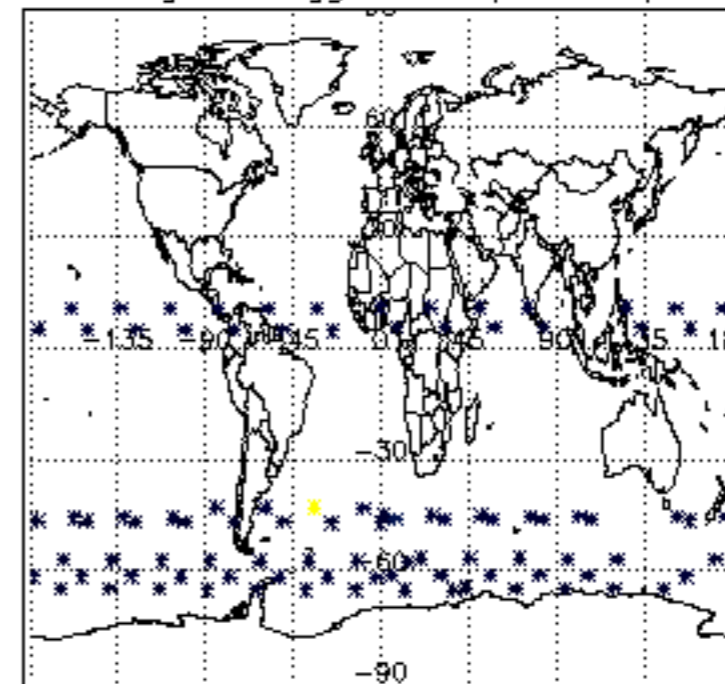
Percentage of flagged data per H2O profile

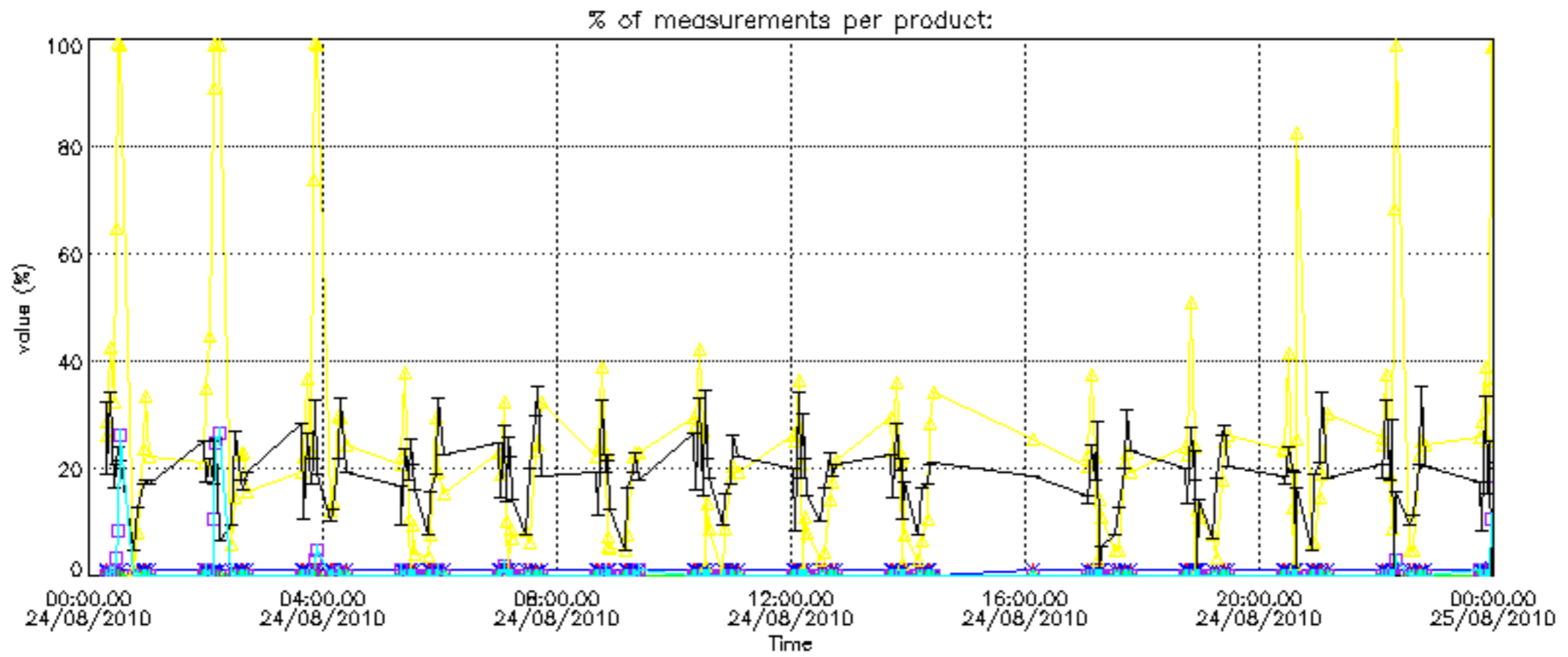


Percentage of flagged data per NO2 profile

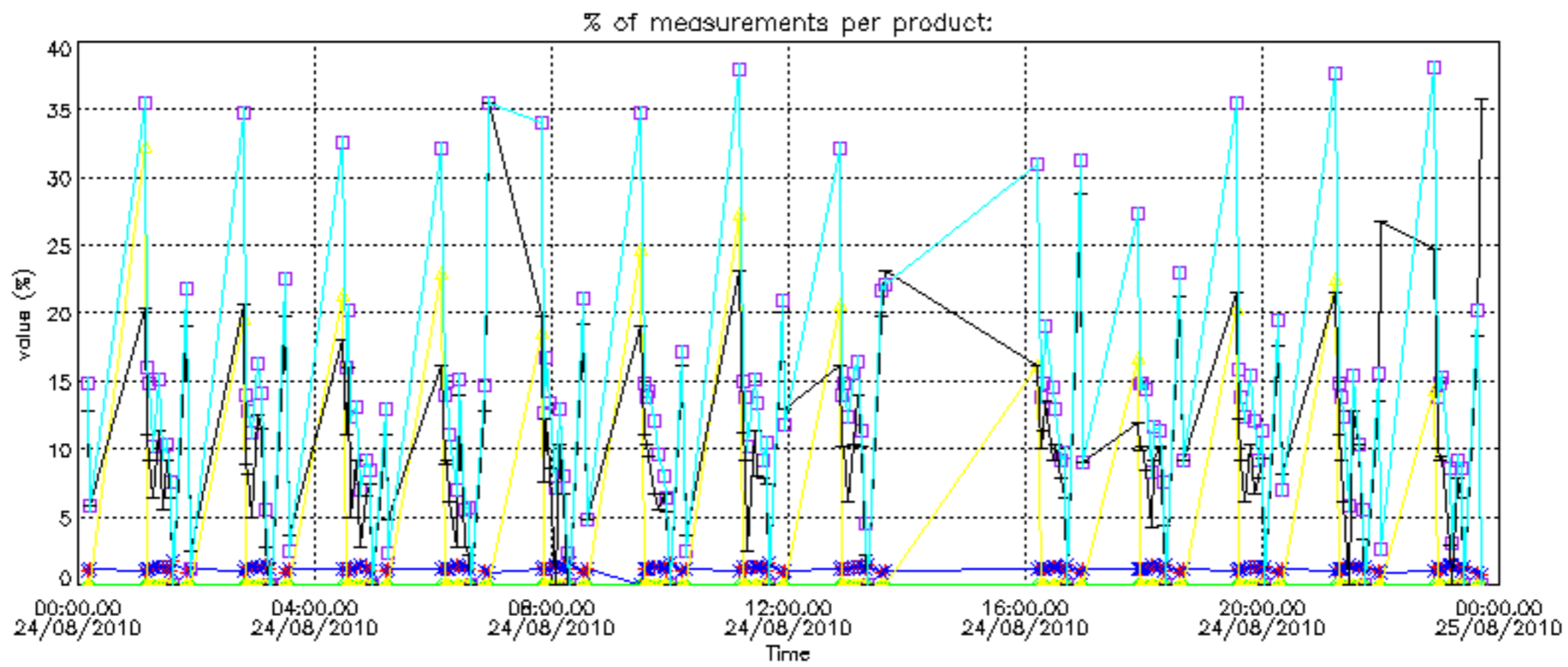


Percentage of flagged data per NO3 profile

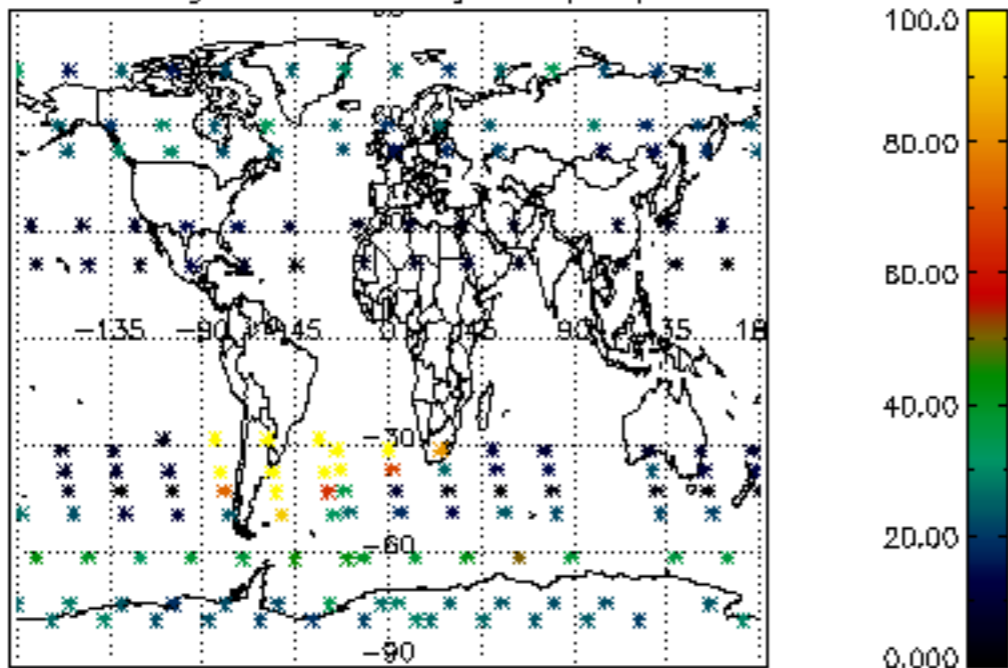




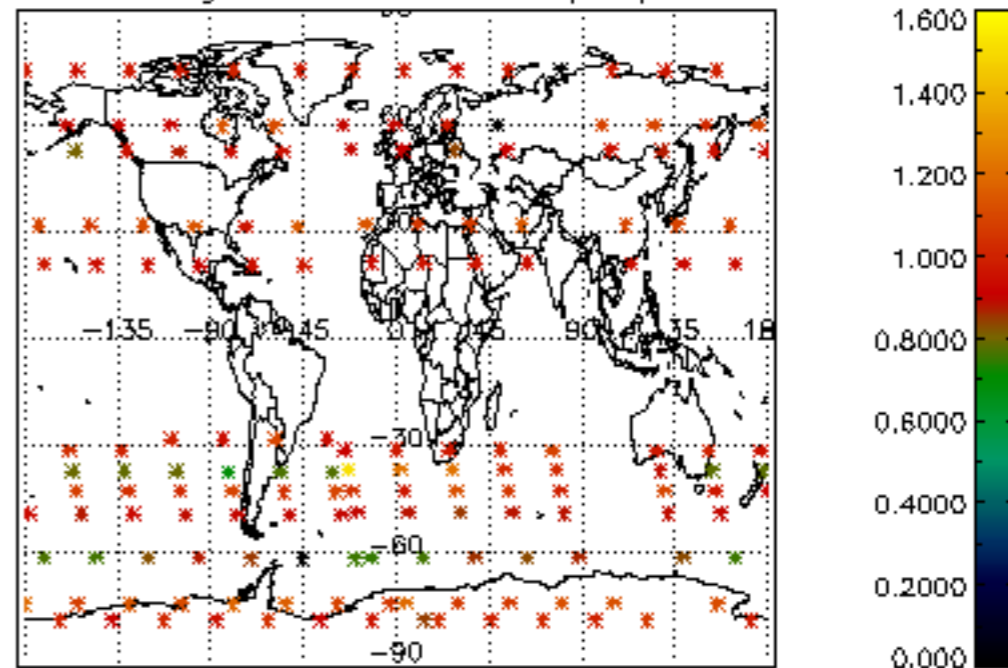




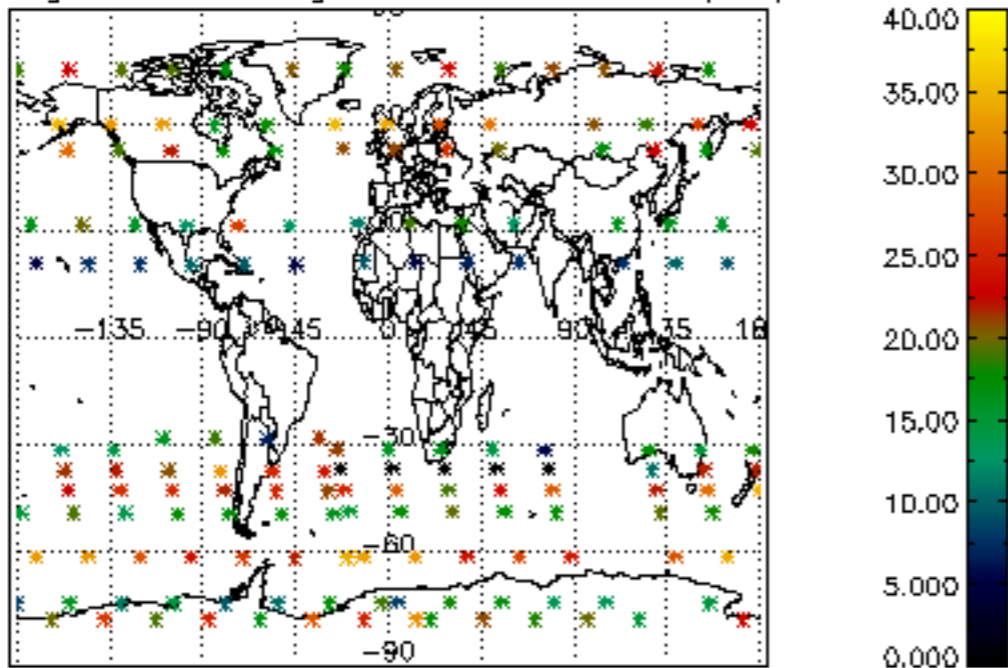
Percentage of cosmic ray hits per profile



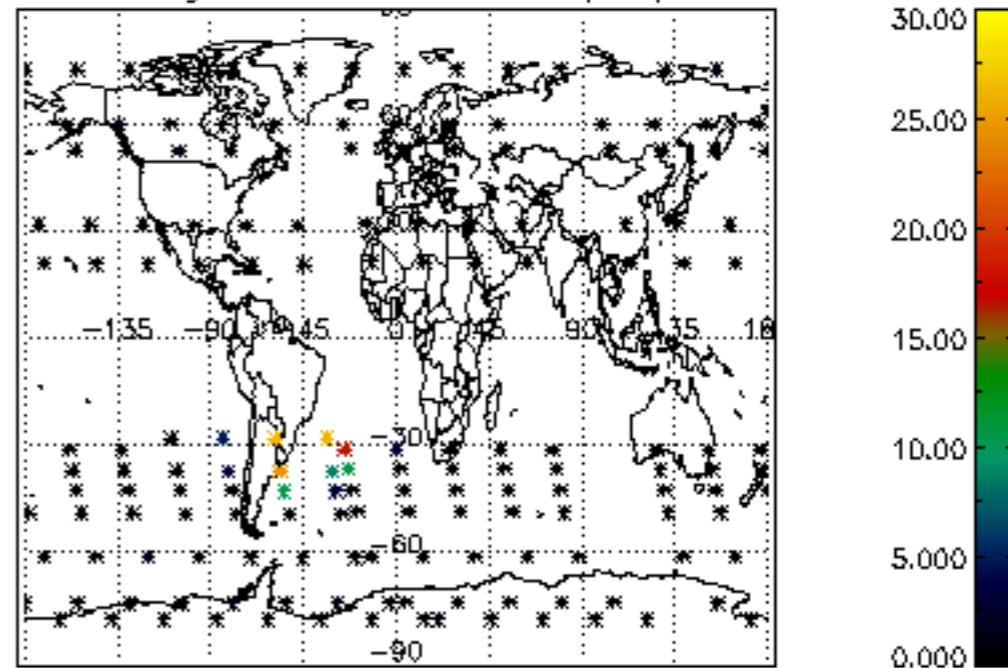
Percentage of datation errors per profile



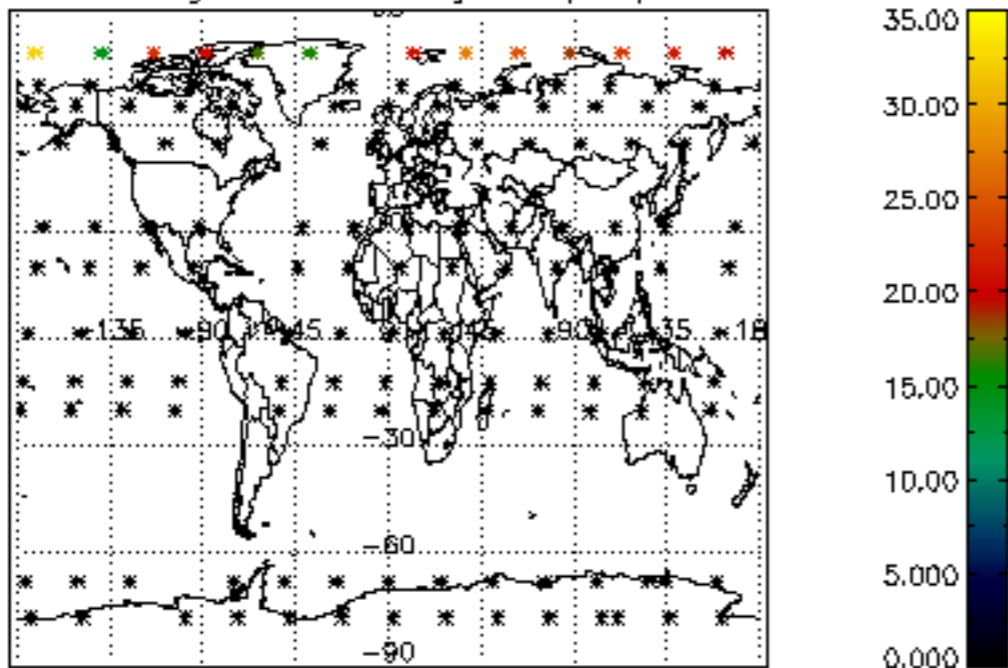
Percentage of star falling outside central band per profile



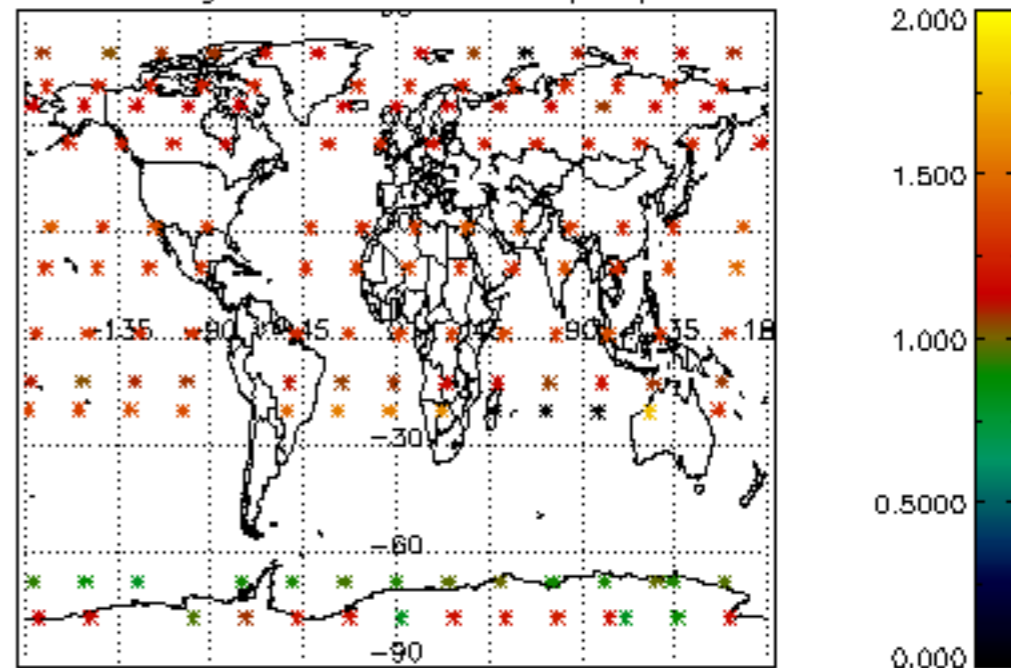
Percentage of saturation errors per profile



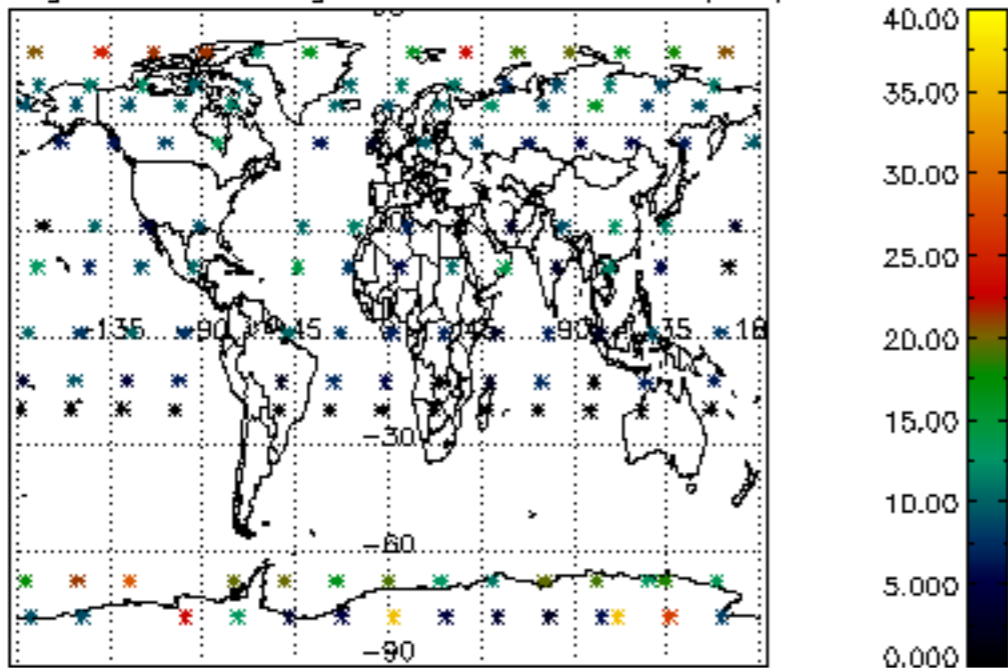
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

