# GOMOS Level 2 Daily Report

## SUMMARY



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## 1. General info

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 | 18APR2013 13:17:30 |
| Data source version | GOMOS/6.01 |
| Start time of products | 18-12-2005 (18DEC2005 00:00:00) |
| Stop time of products | 19-12-2005 (19DEC2005 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 265 |
| 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__2PRFIN20051218_000417_000000402043_00274_19867_9152.N1 | 18-DEC-2005 00:04:17 | Straylight | 39.500 | 108 | Alp Col | 2.6520 | 15200. | 79 | 19867 | No |
| 2 | GOM_NL__2PRFIN20051218_001116_000000452043_00274_19867_9153.N1 | 18-DEC-2005 00:11:16 | Straylight | 44.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 89 | 19867 | No |
| 3 | GOM_NL__2PRFIN20051218_001932_000000532043_00274_19867_9154.N1 | 18-DEC-2005 00:19:32 | Twi_and_stray | 53.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 106 | 19867 | No |
| 4 | GOM_NL__2PRFIN20051218_002148_000000352043_00274_19867_9155.N1 | 18-DEC-2005 00:21:48 | Bright | 35.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 70 | 19867 | No |
| 5 | GOM_NL__2PRFIN20051218_002356_000000362043_00274_19867_9156.N1 | 18-DEC-2005 00:23:56 | Bright | 35.500 | 150 | 44Zet Per | 2.8900 | 28000. | 71 | 19867 | No |
| 6 | GOM_NL__2PRFIN20051218_002612_000000352043_00274_19867_9157.N1 | 18-DEC-2005 00:26:12 | Bright | 34.500 | 149 | 45Eps Per | 2.8880 | 30000. | 69 | 19867 | No |
| 7 | GOM_NL__2PRFIN20051218_002824_000000342043_00274_19867_9158.N1 | 18-DEC-2005 00:28:24 | Bright | 33.500 | 175 | 39Del Per | 3.0100 | 19400. | 67 | 19867 | No |
| 8 | GOM_NL__2PRFIN20051218_003013_000000352043_00274_19867_9159.N1 | 18-DEC-2005 00:30:13 | Bright | 34.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 69 | 19867 | No |
| 9 | GOM_NL__2PRFIN20051218_004005_000000332043_00274_19867_9160.N1 | 18-DEC-2005 00:40:05 | Bright | 32.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 65 | 19867 | No |
| 10 | GOM_NL__2PRFIN20051218_004447_000000362043_00274_19867_9161.N1 | 18-DEC-2005 00:44:47 | Bright | 35.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 71 | 19867 | No |
| 11 | GOM_NL__2PRFIN20051218_004807_000000362043_00274_19867_9162.N1 | 18-DEC-2005 00:48:07 | Bright | 35.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 71 | 19867 | No |
| 12 | GOM_NL__2PRFIN20051218_005839_000000242043_00274_19867_9163.N1 | 18-DEC-2005 00:58:39 | Twi_and_stray | 24.000 | 83 |  | 2.3780 | 11000. | 48 | 19867 | No |
| 13 | GOM_NL__2PRFIN20051218_010346_000000332043_00274_19867_9164.N1 | 18-DEC-2005 01:03:46 | Bright | 33.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 66 | 19867 | No |
| 14 | GOM_NL__2PRFIN20051218_011045_000000512043_00274_19867_9165.N1 | 18-DEC-2005 01:10:45 | Bright | 51.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 102 | 19867 | No |
| 15 | GOM_NL__2PRFIN20051218_011713_000000452043_00274_19867_9166.N1 | 18-DEC-2005 01:17:13 | Dark | 44.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 89 | 19867 | No |
| 16 | GOM_NL__2PRFIN20051218_011916_000000382043_00274_19867_9167.N1 | 18-DEC-2005 01:19:16 | Dark | 37.500 | 78 | Alp Lup | 2.3040 | 28000. | 75 | 19867 | No |
| 17 | GOM_NL__2PRFIN20051218_012249_000000412043_00274_19867_9168.N1 | 18-DEC-2005 01:22:49 | Dark | 40.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 81 | 19867 | No |
| 18 | GOM_NL__2PRFIN20051218_012444_000000412043_00275_19868_9147.N1 | 18-DEC-2005 01:24:44 | Dark | 41.000 | 20 | Bet Cru | 1.2530 | 30000. | 82 | 19868 | No |
| 19 | GOM_NL__2PRFIN20051218_012554_000000432043_00275_19868_9148.N1 | 18-DEC-2005 01:25:54 | Dark | 42.500 | 12 | Alp1Cru | 0.77500 | 30000. | 85 | 19868 | No |
| 20 | GOM_NL__2PRFIN20051218_013130_000000402043_00275_19868_9149.N1 | 18-DEC-2005 01:31:30 | Dark | 39.500 | 29 | Bet Car | 1.6720 | 10200. | 79 | 19868 | No |
| 21 | GOM_NL__2PRFIN20051218_013407_000000422043_00275_19868_9150.N1 | 18-DEC-2005 01:34:07 | Dark | 41.500 | 41 | Eps Car | 1.8600 | 4100.0 | 83 | 19868 | No |
| 22 | GOM_NL__2PRFIN20051218_013855_000000462043_00275_19868_9151.N1 | 18-DEC-2005 01:38:55 | Dark | 46.000 | 2 | Alp Car | -0.73600 | 7000.0 | 92 | 19868 | No |
| 23 | GOM_NL__2PRFIN20051218_014454_000000412043_00275_19868_9152.N1 | 18-DEC-2005 01:44:54 | Straylight | 41.000 | 108 | Alp Col | 2.6520 | 15200. | 82 | 19868 | No |
| 24 | GOM_NL__2PRFIN20051218_015152_000000422043_00275_19868_9153.N1 | 18-DEC-2005 01:51:52 | Straylight | 42.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 84 | 19868 | No |
| 25 | GOM_NL__2PRFIN20051218_020008_000000502043_00275_19868_9154.N1 | 18-DEC-2005 02:00:08 | Twi_and_stray | 49.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 99 | 19868 | No |
| 26 | GOM_NL__2PRFIN20051218_020224_000000362043_00275_19868_9155.N1 | 18-DEC-2005 02:02:24 | Bright | 36.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 72 | 19868 | No |
| 27 | GOM_NL__2PRFIN20051218_020431_000000362043_00275_19868_9156.N1 | 18-DEC-2005 02:04:31 | Bright | 36.000 | 150 | 44Zet Per | 2.8900 | 28000. | 72 | 19868 | No |
| 28 | GOM_NL__2PRFIN20051218_020648_000000342043_00275_19868_9157.N1 | 18-DEC-2005 02:06:48 | Bright | 34.000 | 149 | 45Eps Per | 2.8880 | 30000. | 68 | 19868 | No |
| 29 | GOM_NL__2PRFIN20051218_020900_000000352043_00275_19868_9158.N1 | 18-DEC-2005 02:09:00 | Bright | 34.500 | 175 | 39Del Per | 3.0100 | 19400. | 69 | 19868 | No |
| 30 | GOM_NL__2PRFIN20051218_021049_000000352043_00275_19868_9159.N1 | 18-DEC-2005 02:10:49 | Bright | 35.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 70 | 19868 | No |
| 31 | GOM_NL__2PRFIN20051218_022041_000000342043_00275_19868_9160.N1 | 18-DEC-2005 02:20:41 | Bright | 33.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 67 | 19868 | No |
| 32 | GOM_NL__2PRFIN20051218_022523_000000382043_00275_19868_9161.N1 | 18-DEC-2005 02:25:23 | Bright | 37.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 75 | 19868 | No |
| 33 | GOM_NL__2PRFIN20051218_022843_000000352043_00275_19868_9162.N1 | 18-DEC-2005 02:28:43 | Bright | 35.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 70 | 19868 | No |
| 34 | GOM_NL__2PRFIN20051218_023850_000000522043_00275_19868_9163.N1 | 18-DEC-2005 02:38:50 | Bright | 52.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 104 | 19868 | No |
| 35 | GOM_NL__2PRFIN20051218_024422_000000332043_00275_19868_9164.N1 | 18-DEC-2005 02:44:22 | Bright | 33.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 66 | 19868 | No |
| 36 | GOM_NL__2PRFIN20051218_025122_000000362043_00275_19868_9165.N1 | 18-DEC-2005 02:51:22 | Bright | 36.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 72 | 19868 | No |
| 37 | GOM_NL__2PRFIN20051218_025749_000000432043_00275_19868_9166.N1 | 18-DEC-2005 02:57:49 | Dark | 42.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 85 | 19868 | No |
| 38 | GOM_NL__2PRFIN20051218_025952_000000372043_00275_19868_9167.N1 | 18-DEC-2005 02:59:52 | Dark | 36.500 | 78 | Alp Lup | 2.3040 | 28000. | 73 | 19868 | No |
| 39 | GOM_NL__2PRFIN20051218_030325_000000522043_00275_19868_9168.N1 | 18-DEC-2005 03:03:25 | Dark | 52.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 104 | 19868 | No |
| 40 | GOM_NL__2PRFIN20051218_030520_000000382043_00276_19869_9442.N1 | 18-DEC-2005 03:05:20 | Dark | 38.000 | 20 | Bet Cru | 1.2530 | 30000. | 76 | 19869 | No |
| 41 | GOM_NL__2PRFIN20051218_030630_000000392043_00276_19869_9443.N1 | 18-DEC-2005 03:06:30 | Dark | 38.500 | 12 | Alp1Cru | 0.77500 | 30000. | 77 | 19869 | No |
| 42 | GOM_NL__2PRFIN20051218_031207_000000362043_00276_19869_9444.N1 | 18-DEC-2005 03:12:07 | Dark | 36.000 | 29 | Bet Car | 1.6720 | 10200. | 72 | 19869 | No |

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|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | GOM_NL__2PRFIN20051218_031443_000000522043_00276_19869_9445.N1 | 18-DEC-2005 03:14:43 | Dark | 52.000 | 41 | Eps Car | 1.8600 | 4100.0 | 104 | 19869 | No |
| 44 | GOM_NL__2PRFIN20051218_031931_000000452043_00276_19869_9446.N1 | 18-DEC-2005 03:19:31 | Dark | 44.500 | 2 | Alp Car | -0.73600 | 7000.0 | 89 | 19869 | No |
| 45 | GOM_NL__2PRFIN20051218_032530_000000412043_00276_19869_9447.N1 | 18-DEC-2005 03:25:30 | Straylight | 40.500 | 108 | Alp Col | 2.6520 | 15200. | 81 | 19869 | No |
| 46 | GOM_NL__2PRFIN20051218_033228_000000422043_00276_19869_9448.N1 | 18-DEC-2005 03:32:28 | Straylight | 42.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 84 | 19869 | No |
| 47 | GOM_NL__2PRFIN20051218_034044_000000532043_00276_19869_9449.N1 | 18-DEC-2005 03:40:44 | Twi_and_stray | 53.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 106 | 19869 | No |
| 48 | GOM_NL__2PRFIN20051218_034300_000000352043_00276_19869_9450.N1 | 18-DEC-2005 03:43:00 | Bright | 35.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 70 | 19869 | No |
| 49 | GOM_NL__2PRFIN20051218_034507_000000362043_00276_19869_9451.N1 | 18-DEC-2005 03:45:07 | Bright | 35.500 | 150 | 44Zet Per | 2.8900 | 28000. | 71 | 19869 | No |
| 50 | GOM_NL__2PRFIN20051218_034724_000000342043_00276_19869_9452.N1 | 18-DEC-2005 03:47:24 | Bright | 33.500 | 149 | 45Eps Per | 2.8880 | 30000. | 67 | 19869 | No |
| 51 | GOM_NL__2PRFIN20051218_034936_000000342043_00276_19869_9453.N1 | 18-DEC-2005 03:49:36 | Bright | 34.000 | 175 | 39Del Per | 3.0100 | 19400. | 68 | 19869 | No |
| 52 | GOM_NL__2PRFIN20051218_035125_000000352043_00276_19869_9454.N1 | 18-DEC-2005 03:51:25 | Bright | 34.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 69 | 19869 | No |
| 53 | GOM_NL__2PRFIN20051218_040117_000000332043_00276_19869_9455.N1 | 18-DEC-2005 04:01:17 | Bright | 33.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 66 | 19869 | No |
| 54 | GOM_NL__2PRFIN20051218_040559_000000372043_00276_19869_9456.N1 | 18-DEC-2005 04:05:59 | Bright | 36.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 73 | 19869 | No |
| 55 | GOM_NL__2PRFIN20051218_040919_000000362043_00276_19869_9457.N1 | 18-DEC-2005 04:09:19 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 19869 | No |
| 56 | GOM_NL__2PRFIN20051218_041926_000000352043_00276_19869_9458.N1 | 18-DEC-2005 04:19:26 | Bright | 34.500 | 67 | 5Alp CrB | 2.2210 | 11000. | 69 | 19869 | No |
| 57 | GOM_NL__2PRFIN20051218_042459_000000332043_00276_19869_9459.N1 | 18-DEC-2005 04:24:59 | Bright | 33.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 66 | 19869 | No |
| 58 | GOM_NL__2PRFIN20051218_043158_000000532043_00276_19869_9460.N1 | 18-DEC-2005 04:31:58 | Bright | 53.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 106 | 19869 | No |
| 59 | GOM_NL__2PRFIN20051218_043825_000000402043_00276_19869_9461.N1 | 18-DEC-2005 04:38:25 | Dark | 40.000 | 54 | 5The Cen | 2.0550 | 4500.0 | 80 | 19869 | No |
| 60 | GOM_NL__2PRFIN20051218_044028_000000402043_00276_19869_9462.N1 | 18-DEC-2005 04:40:28 | Dark | 40.000 | 78 | Alp Lup | 2.3040 | 28000. | 80 | 19869 | No |
| 61 | GOM_NL__2PRFIN20051218_044401_000000472043_00276_19869_9463.N1 | 18-DEC-2005 04:44:01 | Dark | 46.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 93 | 19869 | No |
| 62 | GOM_NL__2PRFIN20051218_044556_000000492043_00277_19870_9462.N1 | 18-DEC-2005 04:45:56 | Dark | 48.500 | 20 | Bet Cru | 1.2530 | 30000. | 97 | 19870 | No |
| 63 | GOM_NL__2PRFIN20051218_044706_000000392043_00277_19870_9463.N1 | 18-DEC-2005 04:47:06 | Dark | 38.500 | 12 | Alp1Cru | 0.77500 | 30000. | 77 | 19870 | No |
| 64 | GOM_NL__2PRFIN20051218_045243_000000482043_00277_19870_9464.N1 | 18-DEC-2005 04:52:43 | Dark | 48.000 | 29 | Bet Car | 1.6720 | 10200. | 96 | 19870 | No |
| 65 | GOM_NL__2PRFIN20051218_045520_000000462043_00277_19870_9465.N1 | 18-DEC-2005 04:55:20 | Dark | 46.000 | 41 | Eps Car | 1.8600 | 4100.0 | 92 | 19870 | No |
| 66 | GOM_NL__2PRFIN20051218_050008_000000452043_00277_19870_9466.N1 | 18-DEC-2005 05:00:08 | Dark | 45.000 | 2 | Alp Car | -0.73600 | 7000.0 | 90 | 19870 | No |
| 67 | GOM_NL__2PRFIN20051218_050606_000000402043_00277_19870_9467.N1 | 18-DEC-2005 05:06:06 | Straylight | 40.000 | 108 | Alp Col | 2.6520 | 15200. | 80 | 19870 | No |
| 68 | GOM_NL__2PRFIN20051218_051304_000000392043_00277_19870_9468.N1 | 18-DEC-2005 05:13:04 | Straylight | 38.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 77 | 19870 | No |
| 69 | GOM_NL__2PRFIN20051218_052120_000000482043_00277_19870_9469.N1 | 18-DEC-2005 05:21:20 | Twi_and_stray | 48.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 96 | 19870 | No |
| 70 | GOM_NL__2PRFIN20051218_052336_000000362043_00277_19870_9470.N1 | 18-DEC-2005 05:23:36 | Bright | 36.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 72 | 19870 | No |
| 71 | GOM_NL__2PRFIN20051218_052543_000000362043_00277_19870_9471.N1 | 18-DEC-2005 05:25:43 | Bright | 36.000 | 150 | 44Zet Per | 2.8900 | 28000. | 72 | 19870 | No |
| 72 | GOM_NL__2PRFIN20051218_052800_000000332043_00277_19870_9472.N1 | 18-DEC-2005 05:28:00 | Bright | 33.000 | 149 | 45Eps Per | 2.8880 | 30000. | 66 | 19870 | No |
| 73 | GOM_NL__2PRFIN20051218_053012_000000352043_00277_19870_9473.N1 | 18-DEC-2005 05:30:12 | Bright | 34.500 | 175 | 39Del Per | 3.0100 | 19400. | 69 | 19870 | No |
| 74 | GOM_NL__2PRFIN20051218_053202_000000352043_00277_19870_9474.N1 | 18-DEC-2005 05:32:02 | Bright | 34.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 69 | 19870 | No |
| 75 | GOM_NL__2PRFIN20051218_054153_000000352043_00277_19870_9475.N1 | 18-DEC-2005 05:41:53 | Bright | 34.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 69 | 19870 | No |
| 76 | GOM_NL__2PRFIN20051218_054635_000000382043_00277_19870_9476.N1 | 18-DEC-2005 05:46:35 | Bright | 38.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 76 | 19870 | No |
| 77 | GOM_NL__2PRFIN20051218_054955_000000372043_00277_19870_9477.N1 | 18-DEC-2005 05:49:55 | Bright | 36.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 73 | 19870 | No |
| 78 | GOM_NL__2PRFIN20051218_060003_000000522043_00277_19870_9478.N1 | 18-DEC-2005 06:00:03 | Bright | 52.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 104 | 19870 | No |
| 79 | GOM_NL__2PRFIN20051218_060535_000000332043_00277_19870_9479.N1 | 18-DEC-2005 06:05:35 | Bright | 33.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 66 | 19870 | No |
| 80 | GOM_NL__2PRFIN20051218_061234_000000532043_00277_19870_9480.N1 | 18-DEC-2005 06:12:34 | Bright | 53.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 106 | 19870 | No |
| 81 | GOM_NL__2PRFIN20051218_061902_000000432043_00277_19870_9481.N1 | 18-DEC-2005 06:19:02 | Dark | 42.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 85 | 19870 | No |
| 82 | GOM_NL__2PRFIN20051218_062105_000000382043_00277_19870_9482.N1 | 18-DEC-2005 06:21:05 | Dark | 37.500 | 78 | Alp Lup | 2.3040 | 28000. | 75 | 19870 | No |
| 83 | GOM_NL__2PRFIN20051218_062437_000000412043_00277_19870_9483.N1 | 18-DEC-2005 06:24:37 | Dark | 41.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 82 | 19870 | No |
| 84 | GOM_NL__2PRFIN20051218_062633_000000462043_00278_19871_9462.N1 | 18-DEC-2005 06:26:33 | Dark | 45.500 | 20 | Bet Cru | 1.2530 | 30000. | 91 | 19871 | No |
| 85 | GOM_NL__2PRFIN20051218_062743_000000512043_00278_19871_9463.N1 | 18-DEC-2005 06:27:43 | Dark | 50.500 | 12 | Alp1Cru | 0.77500 | 30000. | 101 | 19871 | No |
| 86 | GOM_NL__2PRFIN20051218_063319_000000382043_00278_19871_9464.N1 | 18-DEC-2005 06:33:19 | Dark | 38.000 | 29 | Bet Car | 1.6720 | 10200. | 76 | 19871 | No |
| 87 | GOM_NL__2PRFIN20051218_063556_000000542043_00278_19871_9465.N1 | 18-DEC-2005 06:35:56 | Dark | 53.500 | 41 | Eps Car | 1.8600 | 4100.0 | 107 | 19871 | No |
| 88 | GOM_NL__2PRFIN20051218_064044_000000462043_00278_19871_9466.N1 | 18-DEC-2005 06:40:44 | Dark | 45.500 | 2 | Alp Car | -0.73600 | 7000.0 | 91 | 19871 | No |
| 89 | GOM_NL__2PRFIN20051218_064642_000000402043_00278_19871_9467.N1 | 18-DEC-2005 06:46:42 | Straylight | 39.500 | 108 | Alp Col | 2.6520 | 15200. | 79 | 19871 | No |
| 90 | GOM_NL__2PRFIN20051218_065341_000000432043_00278_19871_9468.N1 | 18-DEC-2005 06:53:41 | Straylight | 42.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 85 | 19871 | No |
| 91 | GOM_NL__2PRFIN20051218_070156_000000472043_00278_19871_9469.N1 | 18-DEC-2005 07:01:56 | Twi_and_stray | 47.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 94 | 19871 | No |
| 92 | GOM_NL__2PRFIN20051218_070412_000000362043_00278_19871_9470.N1 | 18-DEC-2005 07:04:12 | Bright | 36.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 72 | 19871 | No |
| 93 | GOM_NL__2PRFIN20051218_070619_000000352043_00278_19871_9471.N1 | 18-DEC-2005 07:06:19 | Bright | 35.000 | 150 | 44Zet Per | 2.8900 | 28000. | 70 | 19871 | No |
| 94 | GOM_NL__2PRFIN20051218_070836_000000352043_00278_19871_9472.N1 | 18-DEC-2005 07:08:36 | Bright | 34.500 | 149 | 45Eps Per | 2.8880 | 30000. | 69 | 19871 | No |
| 95 | GOM_NL__2PRFIN20051218_071048_000000352043_00278_19871_9473.N1 | 18-DEC-2005 07:10:48 | Bright | 35.000 | 175 | 39Del Per | 3.0100 | 19400. | 70 | 19871 | No |
| 96 | GOM_NL__2PRFIN20051218_071238_000000362043_00278_19871_9474.N1 | 18-DEC-2005 07:12:38 | Bright | 35.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 71 | 19871 | No |
| 97 | GOM_NL__2PRFIN20051218_072229_000000362043_00278_19871_9475.N1 | 18-DEC-2005 07:22:29 | Bright | 35.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 71 | 19871 | No |
| 98 | GOM_NL__2PRFIN20051218_072711_000000332043_00278_19871_9476.N1 | 18-DEC-2005 07:27:11 | Bright | 33.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 66 | 19871 | No |
| 99 | GOM_NL__2PRFIN20051218_073031_000000332043_00278_19871_9477.N1 | 18-DEC-2005 07:30:31 | Bright | 32.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 65 | 19871 | No |
| 100 | GOM_NL__2PRFIN20051218_074039_000000342043_00278_19871_9478.N1 | 18-DEC-2005 07:40:39 | Bright | 34.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 68 | 19871 | No |
| 101 | GOM_NL__2PRFIN20051218_074611_000000332043_00278_19871_9479.N1 | 18-DEC-2005 07:46:11 | Bright | 33.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 66 | 19871 | No |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 102 | GOM_NL__2PRFIN20051218_075311_000000362043_00278_19871_9480.N1 | 18-DEC-2005 07:53:11 | Bright | 35.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 71 | 19871 | No |
| 103 | GOM_NL__2PRFIN20051218_075938_000000442043_00278_19871_9481.N1 | 18-DEC-2005 07:59:38 | Dark | 43.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 87 | 19871 | No |
| 104 | GOM_NL__2PRFIN20051218_080141_000000402043_00278_19871_9482.N1 | 18-DEC-2005 08:01:41 | Dark | 40.000 | 78 | Alp Lup | 2.3040 | 28000. | 80 | 19871 | No |
| 105 | GOM_NL__2PRFIN20051218_080513_000000432043_00278_19871_9483.N1 | 18-DEC-2005 08:05:13 | Dark | 42.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 85 | 19871 | No |
| 106 | GOM_NL__2PRFIN20051218_080709_000000422043_00279_19872_9462.N1 | 18-DEC-2005 08:07:09 | Dark | 42.000 | 20 | Bet Cru | 1.2530 | 30000. | 84 | 19872 | No |
| 107 | GOM_NL__2PRFIN20051218_080819_000000402043_00279_19872_9463.N1 | 18-DEC-2005 08:08:19 | Dark | 39.500 | 12 | Alp1Cru | 0.77500 | 30000. | 79 | 19872 | No |
| 108 | GOM_NL__2PRFIN20051218_081356_000000382043_00279_19872_9464.N1 | 18-DEC-2005 08:13:56 | Dark | 38.000 | 29 | Bet Car | 1.6720 | 10200. | 76 | 19872 | No |
| 109 | GOM_NL__2PRFIN20051218_081633_000000532043_00279_19872_9465.N1 | 18-DEC-2005 08:16:33 | Dark | 52.500 | 41 | Eps Car | 1.8600 | 4100.0 | 105 | 19872 | No |
| 110 | GOM_NL__2PRFIN20051218_082120_000000472043_00279_19872_9466.N1 | 18-DEC-2005 08:21:20 | Dark | 46.500 | 2 | Alp Car | -0.73600 | 7000.0 | 93 | 19872 | No |
| 111 | GOM_NL__2PRFIN20051218_082719_000000402043_00279_19872_9467.N1 | 18-DEC-2005 08:27:19 | Straylight | 39.500 | 108 | Alp Col | 2.6520 | 15200. | 79 | 19872 | No |
| 112 | GOM_NL__2PRFIN20051218_083417_000000442043_00279_19872_9468.N1 | 18-DEC-2005 08:34:17 | Straylight | 44.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 88 | 19872 | No |
| 113 | GOM_NL__2PRFIN20051218_084232_000000532043_00279_19872_9469.N1 | 18-DEC-2005 08:42:32 | Twi_and_stray | 53.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 106 | 19872 | No |
| 114 | GOM_NL__2PRFIN20051218_084448_000000352043_00279_19872_9470.N1 | 18-DEC-2005 08:44:48 | Bright | 34.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 69 | 19872 | No |
| 115 | GOM_NL__2PRFIN20051218_084656_000000352043_00279_19872_9471.N1 | 18-DEC-2005 08:46:56 | Bright | 34.500 | 150 | 44Zet Per | 2.8900 | 28000. | 69 | 19872 | No |
| 116 | GOM_NL__2PRFIN20051218_084912_000000362043_00279_19872_9472.N1 | 18-DEC-2005 08:49:12 | Bright | 35.500 | 149 | 45Eps Per | 2.8880 | 30000. | 71 | 19872 | No |
| 117 | GOM_NL__2PRFIN20051218_085124_000000342043_00279_19872_9473.N1 | 18-DEC-2005 08:51:24 | Bright | 34.000 | 175 | 39Del Per | 3.0100 | 19400. | 68 | 19872 | No |
| 118 | GOM_NL__2PRFIN20051218_085314_000000362043_00279_19872_9474.N1 | 18-DEC-2005 08:53:14 | Bright | 35.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 71 | 19872 | No |
| 119 | GOM_NL__2PRFIN20051218_090747_000000372043_00279_19872_9475.N1 | 18-DEC-2005 09:07:47 | Bright | 37.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 74 | 19872 | No |
| 120 | GOM_NL__2PRFIN20051218_091107_000000352043_00279_19872_9476.N1 | 18-DEC-2005 09:11:07 | Bright | 35.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 70 | 19872 | No |
| 121 | GOM_NL__2PRFIN20051218_092115_000000342043_00279_19872_9477.N1 | 18-DEC-2005 09:21:15 | Bright | 33.500 | 67 | 5Alp CrB | 2.2210 | 11000. | 67 | 19872 | No |
| 122 | GOM_NL__2PRFIN20051218_092647_000000332043_00279_19872_9478.N1 | 18-DEC-2005 09:26:47 | Bright | 33.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 66 | 19872 | No |
| 123 | GOM_NL__2PRFIN20051218_093347_000000532043_00279_19872_9479.N1 | 18-DEC-2005 09:33:47 | Bright | 53.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 106 | 19872 | No |
| 124 | GOM_NL__2PRFIN20051218_094015_000000442043_00279_19872_9480.N1 | 18-DEC-2005 09:40:15 | Dark | 43.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 87 | 19872 | No |
| 125 | GOM_NL__2PRFIN20051218_094217_000000392043_00279_19872_9481.N1 | 18-DEC-2005 09:42:17 | Dark | 39.000 | 78 | Alp Lup | 2.3040 | 28000. | 78 | 19872 | No |
| 126 | GOM_NL__2PRFIN20051218_094549_000000442043_00279_19872_9482.N1 | 18-DEC-2005 09:45:49 | Dark | 43.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 87 | 19872 | No |
| 127 | GOM_NL__2PRFIN20051218_094746_000000402043_00280_19873_9462.N1 | 18-DEC-2005 09:47:46 | Dark | 39.500 | 20 | Bet Cru | 1.2530 | 30000. | 79 | 19873 | No |
| 128 | GOM_NL__2PRFIN20051218_094855_000000402043_00280_19873_9463.N1 | 18-DEC-2005 09:48:55 | Dark | 40.000 | 12 | Alp1Cru | 0.77500 | 30000. | 80 | 19873 | No |
| 129 | GOM_NL__2PRFIN20051218_095432_000000392043_00280_19873_9464.N1 | 18-DEC-2005 09:54:32 | Dark | 38.500 | 29 | Bet Car | 1.6720 | 10200. | 77 | 19873 | No |
| 130 | GOM_NL__2PRFIN20051218_095709_000000482043_00280_19873_9465.N1 | 18-DEC-2005 09:57:09 | Dark | 48.000 | 41 | Eps Car | 1.8600 | 4100.0 | 96 | 19873 | No |
| 131 | GOM_NL__2PRFIN20051218_100156_000000472043_00280_19873_9466.N1 | 18-DEC-2005 10:01:56 | Dark | 47.000 | 2 | Alp Car | -0.73600 | 7000.0 | 94 | 19873 | No |
| 132 | GOM_NL__2PRFIN20051218_100755_000000412043_00280_19873_9467.N1 | 18-DEC-2005 10:07:55 | Straylight | 40.500 | 108 | Alp Col | 2.6520 | 15200. | 81 | 19873 | No |
| 133 | GOM_NL__2PRFIN20051218_101453_000000402043_00280_19873_9468.N1 | 18-DEC-2005 10:14:53 | Straylight | 40.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 80 | 19873 | No |
| 134 | GOM_NL__2PRFIN20051218_102308_000000462043_00280_19873_9469.N1 | 18-DEC-2005 10:23:08 | Twi_and_stray | 46.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 92 | 19873 | No |
| 135 | GOM_NL__2PRFIN20051218_102524_000000442043_00280_19873_9470.N1 | 18-DEC-2005 10:25:24 | Bright | 43.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 87 | 19873 | No |
| 136 | GOM_NL__2PRFIN20051218_102732_000000522043_00280_19873_9471.N1 | 18-DEC-2005 10:27:32 | Bright | 52.000 | 150 | 44Zet Per | 2.8900 | 28000. | 104 | 19873 | No |
| 137 | GOM_NL__2PRFIN20051218_102947_000000362043_00280_19873_9472.N1 | 18-DEC-2005 10:29:47 | Bright | 36.000 | 149 | 45Eps Per | 2.8880 | 30000. | 72 | 19873 | No |
| 138 | GOM_NL__2PRFIN20051218_103200_000000352043_00280_19873_9473.N1 | 18-DEC-2005 10:32:00 | Bright | 35.000 | 175 | 39Del Per | 3.0100 | 19400. | 70 | 19873 | No |
| 139 | GOM_NL__2PRFIN20051218_103350_000000372043_00280_19873_9474.N1 | 18-DEC-2005 10:33:50 | Bright | 36.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 73 | 19873 | No |
| 140 | GOM_NL__2PRFIN20051218_104341_000000362043_00280_19873_9475.N1 | 18-DEC-2005 10:43:41 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 19873 | No |
| 141 | GOM_NL__2PRFIN20051218_104823_000000382043_00280_19873_9476.N1 | 18-DEC-2005 10:48:23 | Bright | 38.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 76 | 19873 | No |
| 142 | GOM_NL__2PRFIN20051218_105144_000000362043_00280_19873_9477.N1 | 18-DEC-2005 10:51:44 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 19873 | No |
| 143 | GOM_NL__2PRFIN20051218_110151_000000342043_00280_19873_9478.N1 | 18-DEC-2005 11:01:51 | Bright | 33.500 | 67 | 5Alp CrB | 2.2210 | 11000. | 67 | 19873 | No |
| 144 | GOM_NL__2PRFIN20051218_110723_000000332043_00280_19873_9479.N1 | 18-DEC-2005 11:07:23 | Bright | 33.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 66 | 19873 | No |
| 145 | GOM_NL__2PRFIN20051218_111423_000000532043_00280_19873_9480.N1 | 18-DEC-2005 11:14:23 | Bright | 53.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 106 | 19873 | No |
| 146 | GOM_NL__2PRFIN20051218_112051_000000452043_00280_19873_9481.N1 | 18-DEC-2005 11:20:51 | Dark | 44.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 89 | 19873 | No |
| 147 | GOM_NL__2PRFIN20051218_112253_000000382043_00280_19873_9482.N1 | 18-DEC-2005 11:22:53 | Dark | 38.000 | 78 | Alp Lup | 2.3040 | 28000. | 76 | 19873 | No |
| 148 | GOM_NL__2PRFIN20051218_112626_000000412043_00280_19873_9483.N1 | 18-DEC-2005 11:26:26 | Dark | 41.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 82 | 19873 | No |
| 149 | GOM_NL__2PRFIN20051218_112932_000000402043_00281_19874_9462.N1 | 18-DEC-2005 11:29:32 | Dark | 40.000 | 12 | Alp1Cru | 0.77500 | 30000. | 80 | 19874 | No |
| 150 | GOM_NL__2PRFIN20051218_113508_000000382043_00281_19874_9463.N1 | 18-DEC-2005 11:35:08 | Dark | 38.000 | 29 | Bet Car | 1.6720 | 10200. | 76 | 19874 | No |
| 151 | GOM_NL__2PRFIN20051218_113746_000000532043_00281_19874_9464.N1 | 18-DEC-2005 11:37:46 | Dark | 52.500 | 41 | Eps Car | 1.8600 | 4100.0 | 105 | 19874 | No |
| 152 | GOM_NL__2PRFIN20051218_114233_000000452043_00281_19874_9465.N1 | 18-DEC-2005 11:42:33 | Dark | 44.500 | 2 | Alp Car | -0.73600 | 7000.0 | 89 | 19874 | No |
| 153 | GOM_NL__2PRFIN20051218_114831_000000382043_00281_19874_9466.N1 | 18-DEC-2005 11:48:31 | Straylight | 38.000 | 108 | Alp Col | 2.6520 | 15200. | 76 | 19874 | No |
| 154 | GOM_NL__2PRFIN20051218_115529_000000432043_00281_19874_9467.N1 | 18-DEC-2005 11:55:29 | Straylight | 43.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 86 | 19874 | No |
| 155 | GOM_NL__2PRFIN20051218_120344_000000482043_00281_19874_9468.N1 | 18-DEC-2005 12:03:44 | Twi_and_stray | 47.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 95 | 19874 | No |
| 156 | GOM_NL__2PRFIN20051218_120600_000000342043_00281_19874_9469.N1 | 18-DEC-2005 12:06:00 | Bright | 33.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 67 | 19874 | No |
| 157 | GOM_NL__2PRFIN20051218_120807_000000352043_00281_19874_9470.N1 | 18-DEC-2005 12:08:07 | Bright | 35.000 | 150 | 44Zet Per | 2.8900 | 28000. | 70 | 19874 | No |
| 158 | GOM_NL__2PRFIN20051218_121023_000000352043_00281_19874_9471.N1 | 18-DEC-2005 12:10:23 | Bright | 34.500 | 149 | 45Eps Per | 2.8880 | 30000. | 69 | 19874 | No |
| 159 | GOM_NL__2PRFIN20051218_121236_000000352043_00281_19874_9472.N1 | 18-DEC-2005 12:12:36 | Bright | 34.500 | 175 | 39Del Per | 3.0100 | 19400. | 69 | 19874 | No |
| 160 | GOM_NL__2PRFIN20051218_121426_000000342043_00281_19874_9473.N1 | 18-DEC-2005 12:14:26 | Bright | 34.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 68 | 19874 | No |

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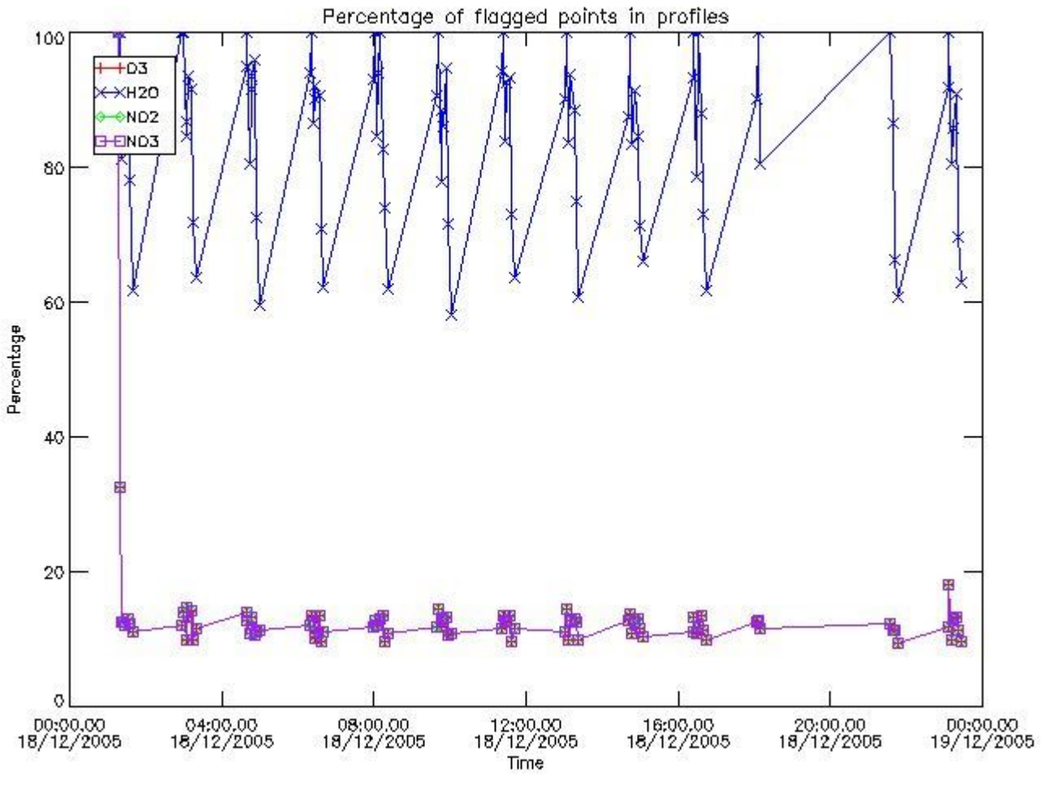
|---|---|---|---|---|---|---|---|---|---|---|---|
| 161 | GOM_NL__2PRFIN20051218_122417_000000362043_00281_19874_9474.N1 | 18-DEC-2005 12:24:17 | Bright | 35.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 71 | 19874 | No |
| 162 | GOM_NL__2PRFIN20051218_122858_000000372043_00281_19874_9475.N1 | 18-DEC-2005 12:28:58 | Bright | 37.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 74 | 19874 | No |
| 163 | GOM_NL__2PRFIN20051218_123219_000000342043_00281_19874_9476.N1 | 18-DEC-2005 12:32:19 | Bright | 33.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 67 | 19874 | No |
| 164 | GOM_NL__2PRFIN20051218_124227_000000342043_00281_19874_9477.N1 | 18-DEC-2005 12:42:27 | Bright | 34.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 68 | 19874 | No |
| 165 | GOM_NL__2PRFIN20051218_124759_000000332043_00281_19874_9478.N1 | 18-DEC-2005 12:47:59 | Bright | 32.500 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 65 | 19874 | No |
| 166 | GOM_NL__2PRFIN20051218_125459_000000532043_00281_19874_9479.N1 | 18-DEC-2005 12:54:59 | Bright | 53.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 106 | 19874 | No |
| 167 | GOM_NL__2PRFIN20051218_130127_000000462043_00281_19874_9480.N1 | 18-DEC-2005 13:01:27 | Dark | 46.000 | 54 | 5The Cen | 2.0550 | 4500.0 | 92 | 19874 | No |
| 168 | GOM_NL__2PRFIN20051218_130329_000000362043_00281_19874_9481.N1 | 18-DEC-2005 13:03:29 | Dark | 35.500 | 78 | Alp Lup | 2.3040 | 28000. | 71 | 19874 | No |
| 169 | GOM_NL__2PRFIN20051218_130702_000000522043_00281_19874_9482.N1 | 18-DEC-2005 13:07:02 | Dark | 52.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 104 | 19874 | No |
| 170 | GOM_NL__2PRFIN20051218_131008_000000402043_00282_19875_9462.N1 | 18-DEC-2005 13:10:08 | Dark | 40.000 | 12 | Alp1Cru | 0.77500 | 30000. | 80 | 19875 | No |
| 171 | GOM_NL__2PRFIN20051218_131545_000000402043_00282_19875_9463.N1 | 18-DEC-2005 13:15:45 | Dark | 39.500 | 29 | Bet Car | 1.6720 | 10200. | 79 | 19875 | No |
| 172 | GOM_NL__2PRFIN20051218_131822_000000412043_00282_19875_9464.N1 | 18-DEC-2005 13:18:22 | Dark | 40.500 | 41 | Eps Car | 1.8600 | 4100.0 | 81 | 19875 | No |
| 173 | GOM_NL__2PRFIN20051218_132309_000000522043_00282_19875_9465.N1 | 18-DEC-2005 13:23:09 | Dark | 51.500 | 2 | Alp Car | -0.73600 | 7000.0 | 103 | 19875 | No |
| 174 | GOM_NL__2PRFIN20051218_132907_000000402043_00282_19875_9466.N1 | 18-DEC-2005 13:29:07 | Straylight | 40.000 | 108 | Alp Col | 2.6520 | 15200. | 80 | 19875 | No |
| 175 | GOM_NL__2PRFIN20051218_133605_000000442043_00282_19875_9467.N1 | 18-DEC-2005 13:36:05 | Straylight | 44.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 88 | 19875 | No |
| 176 | GOM_NL__2PRFIN20051218_134419_000000532043_00282_19875_9468.N1 | 18-DEC-2005 13:44:19 | Twi_and_stray | 52.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 105 | 19875 | No |
| 177 | GOM_NL__2PRFIN20051218_134636_000000322043_00282_19875_9469.N1 | 18-DEC-2005 13:46:36 | Bright | 32.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 64 | 19875 | No |
| 178 | GOM_NL__2PRFIN20051218_134843_000000342043_00282_19875_9470.N1 | 18-DEC-2005 13:48:43 | Bright | 34.000 | 150 | 44Zet Per | 2.8900 | 28000. | 68 | 19875 | No |
| 179 | GOM_NL__2PRFIN20051218_135059_000000352043_00282_19875_9471.N1 | 18-DEC-2005 13:50:59 | Bright | 34.500 | 149 | 45Eps Per | 2.8880 | 30000. | 69 | 19875 | No |
| 180 | GOM_NL__2PRFIN20051218_135312_000000342043_00282_19875_9472.N1 | 18-DEC-2005 13:53:12 | Bright | 34.000 | 175 | 39Del Per | 3.0100 | 19400. | 68 | 19875 | No |
| 181 | GOM_NL__2PRFIN20051218_135502_000000352043_00282_19875_9473.N1 | 18-DEC-2005 13:55:02 | Bright | 35.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 70 | 19875 | No |
| 182 | GOM_NL__2PRFIN20051218_140453_000000352043_00282_19875_9474.N1 | 18-DEC-2005 14:04:53 | Bright | 34.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 69 | 19875 | No |
| 183 | GOM_NL__2PRFIN20051218_140934_000000352043_00282_19875_9475.N1 | 18-DEC-2005 14:09:34 | Bright | 34.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 69 | 19875 | No |
| 184 | GOM_NL__2PRFIN20051218_141256_000000372043_00282_19875_9476.N1 | 18-DEC-2005 14:12:56 | Bright | 36.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 73 | 19875 | No |
| 185 | GOM_NL__2PRFIN20051218_142303_000000522043_00282_19875_9477.N1 | 18-DEC-2005 14:23:03 | Bright | 52.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 104 | 19875 | No |
| 186 | GOM_NL__2PRFIN20051218_142835_000000332043_00282_19875_9478.N1 | 18-DEC-2005 14:28:35 | Bright | 32.500 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 65 | 19875 | No |
| 187 | GOM_NL__2PRFIN20051218_143536_000000402043_00282_19875_9479.N1 | 18-DEC-2005 14:35:36 | Bright | 39.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 79 | 19875 | No |
| 188 | GOM_NL__2PRFIN20051218_144204_000000402043_00282_19875_9480.N1 | 18-DEC-2005 14:42:04 | Dark | 40.000 | 54 | 5The Cen | 2.0550 | 4500.0 | 80 | 19875 | No |
| 189 | GOM_NL__2PRFIN20051218_144405_000000372043_00282_19875_9481.N1 | 18-DEC-2005 14:44:05 | Dark | 37.000 | 78 | Alp Lup | 2.3040 | 28000. | 74 | 19875 | No |
| 190 | GOM_NL__2PRFIN20051218_144738_000000522043_00282_19875_9482.N1 | 18-DEC-2005 14:47:38 | Dark | 51.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 103 | 19875 | No |
| 191 | GOM_NL__2PRFIN20051218_145044_000000412043_00283_19876_9462.N1 | 18-DEC-2005 14:50:44 | Dark | 40.500 | 12 | Alp1Cru | 0.77500 | 30000. | 81 | 19876 | No |
| 192 | GOM_NL__2PRFIN20051218_145621_000000402043_00283_19876_9463.N1 | 18-DEC-2005 14:56:21 | Dark | 39.500 | 29 | Bet Car | 1.6720 | 10200. | 79 | 19876 | No |
| 193 | GOM_NL__2PRFIN20051218_145859_000000442043_00283_19876_9464.N1 | 18-DEC-2005 14:58:59 | Dark | 44.000 | 41 | Eps Car | 1.8600 | 4100.0 | 88 | 19876 | No |
| 194 | GOM_NL__2PRFIN20051218_150345_000000492043_00283_19876_9465.N1 | 18-DEC-2005 15:03:45 | Dark | 49.000 | 2 | Alp Car | -0.73600 | 7000.0 | 98 | 19876 | No |
| 195 | GOM_NL__2PRFIN20051218_150943_000000422043_00283_19876_9466.N1 | 18-DEC-2005 15:09:43 | Straylight | 41.500 | 108 | Alp Col | 2.6520 | 15200. | 83 | 19876 | No |
| 196 | GOM_NL__2PRFIN20051218_151641_000000422043_00283_19876_9467.N1 | 18-DEC-2005 15:16:41 | Straylight | 42.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 84 | 19876 | No |
| 197 | GOM_NL__2PRFIN20051218_152455_000000532043_00283_19876_9468.N1 | 18-DEC-2005 15:24:55 | Twi_and_stray | 53.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 106 | 19876 | No |
| 198 | GOM_NL__2PRFIN20051218_152712_000000362043_00283_19876_9469.N1 | 18-DEC-2005 15:27:12 | Bright | 35.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 71 | 19876 | No |
| 199 | GOM_NL__2PRFIN20051218_152919_000000352043_00283_19876_9470.N1 | 18-DEC-2005 15:29:19 | Bright | 35.000 | 150 | 44Zet Per | 2.8900 | 28000. | 70 | 19876 | No |
| 200 | GOM_NL__2PRFIN20051218_153135_000000352043_00283_19876_9471.N1 | 18-DEC-2005 15:31:35 | Bright | 34.500 | 149 | 45Eps Per | 2.8880 | 30000. | 69 | 19876 | No |
| 201 | GOM_NL__2PRFIN20051218_153348_000000342043_00283_19876_9472.N1 | 18-DEC-2005 15:33:48 | Bright | 34.000 | 175 | 39Del Per | 3.0100 | 19400. | 68 | 19876 | No |
| 202 | GOM_NL__2PRFIN20051218_153538_000000352043_00283_19876_9473.N1 | 18-DEC-2005 15:35:38 | Bright | 35.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 70 | 19876 | No |
| 203 | GOM_NL__2PRFIN20051218_154529_000000362043_00283_19876_9474.N1 | 18-DEC-2005 15:45:29 | Bright | 35.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 71 | 19876 | No |
| 204 | GOM_NL__2PRFIN20051218_155010_000000372043_00283_19876_9475.N1 | 18-DEC-2005 15:50:10 | Bright | 36.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 73 | 19876 | No |
| 205 | GOM_NL__2PRFIN20051218_155332_000000362043_00283_19876_9476.N1 | 18-DEC-2005 15:53:32 | Bright | 35.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 71 | 19876 | No |
| 206 | GOM_NL__2PRFIN20051218_160339_000000352043_00283_19876_9477.N1 | 18-DEC-2005 16:03:39 | Bright | 34.500 | 67 | 5Alp CrB | 2.2210 | 11000. | 69 | 19876 | No |
| 207 | GOM_NL__2PRFIN20051218_160911_000000332043_00283_19876_9478.N1 | 18-DEC-2005 16:09:11 | Bright | 32.500 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 65 | 19876 | No |
| 208 | GOM_NL__2PRFIN20051218_161612_000000532043_00283_19876_9479.N1 | 18-DEC-2005 16:16:12 | Bright | 53.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 106 | 19876 | No |
| 209 | GOM_NL__2PRFIN20051218_162240_000000462043_00283_19876_9480.N1 | 18-DEC-2005 16:22:40 | Dark | 45.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 91 | 19876 | No |
| 210 | GOM_NL__2PRFIN20051218_162442_000000392043_00283_19876_9481.N1 | 18-DEC-2005 16:24:42 | Dark | 38.500 | 78 | Alp Lup | 2.3040 | 28000. | 77 | 19876 | No |
| 211 | GOM_NL__2PRFIN20051218_162814_000000522043_00283_19876_9482.N1 | 18-DEC-2005 16:28:14 | Dark | 52.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 104 | 19876 | No |
| 212 | GOM_NL__2PRFIN20051218_163121_000000442043_00284_19877_9462.N1 | 18-DEC-2005 16:31:21 | Dark | 43.500 | 12 | Alp1Cru | 0.77500 | 30000. | 87 | 19877 | No |
| 213 | GOM_NL__2PRFIN20051218_163657_000000382043_00284_19877_9463.N1 | 18-DEC-2005 16:36:57 | Dark | 37.500 | 29 | Bet Car | 1.6720 | 10200. | 75 | 19877 | No |
| 214 | GOM_NL__2PRFIN20051218_163935_000000452043_00284_19877_9464.N1 | 18-DEC-2005 16:39:35 | Dark | 45.000 | 41 | Eps Car | 1.8600 | 4100.0 | 90 | 19877 | No |
| 215 | GOM_NL__2PRFIN20051218_164422_000000512043_00284_19877_9465.N1 | 18-DEC-2005 16:44:22 | Dark | 51.000 | 2 | Alp Car | -0.73600 | 7000.0 | 102 | 19877 | No |
| 216 | GOM_NL__2PRFIN20051218_165019_000000412043_00284_19877_9466.N1 | 18-DEC-2005 16:50:19 | Straylight | 40.500 | 108 | Alp Col | 2.6520 | 15200. | 81 | 19877 | No |
| 217 | GOM_NL__2PRFIN20051218_165717_000000402043_00284_19877_9467.N1 | 18-DEC-2005 16:57:17 | Straylight | 40.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 80 | 19877 | No |
| 218 | GOM_NL__2PRFIN20051218_170531_000000452043_00284_19877_9468.N1 | 18-DEC-2005 17:05:31 | Twi_and_stray | 45.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 90 | 19877 | No |
| 219 | GOM_NL__2PRFIN20051218_170748_000000362043_00284_19877_9469.N1 | 18-DEC-2005 17:07:48 | Bright | 35.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 71 | 19877 | No |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 220 | GOM_NL__2PRFIN20051218_170956_000000352043_00284_19877_9470.N1 | 18-DEC-2005 17:09:56 | Bright | 35.000 | 150 | 44Zet Per | 2.8900 | 28000. | 70 | 19877 | No |
| 221 | GOM_NL__2PRFIN20051218_171211_000000352043_00284_19877_9471.N1 | 18-DEC-2005 17:12:11 | Bright | 35.000 | 149 | 45Eps Per | 2.8880 | 30000. | 70 | 19877 | No |
| 222 | GOM_NL__2PRFIN20051218_171424_000000342043_00284_19877_9472.N1 | 18-DEC-2005 17:14:24 | Bright | 33.500 | 175 | 39Del Per | 3.0100 | 19400. | 67 | 19877 | No |
| 223 | GOM_NL__2PRFIN20051218_171614_000000342043_00284_19877_9473.N1 | 18-DEC-2005 17:16:14 | Bright | 34.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 68 | 19877 | No |
| 224 | GOM_NL__2PRFIN20051218_172605_000000372043_00284_19877_9474.N1 | 18-DEC-2005 17:26:05 | Bright | 37.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 74 | 19877 | No |
| 225 | GOM_NL__2PRFIN20051218_173046_000000382043_00284_19877_9475.N1 | 18-DEC-2005 17:30:46 | Bright | 38.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 76 | 19877 | No |
| 226 | GOM_NL__2PRFIN20051218_173408_000000332043_00284_19877_9476.N1 | 18-DEC-2005 17:34:08 | Bright | 32.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 65 | 19877 | No |
| 227 | GOM_NL__2PRFIN20051218_174415_000000342043_00284_19877_9477.N1 | 18-DEC-2005 17:44:15 | Bright | 34.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 68 | 19877 | No |
| 228 | GOM_NL__2PRFIN20051218_174948_000000332043_00284_19877_9478.N1 | 18-DEC-2005 17:49:48 | Bright | 33.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 66 | 19877 | No |
| 229 | GOM_NL__2PRFIN20051218_175648_000000532043_00284_19877_9479.N1 | 18-DEC-2005 17:56:48 | Bright | 53.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 106 | 19877 | No |
| 230 | GOM_NL__2PRFIN20051218_180317_000000412043_00284_19877_9480.N1 | 18-DEC-2005 18:03:17 | Dark | 40.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 81 | 19877 | No |
| 231 | GOM_NL__2PRFIN20051218_180518_000000402043_00284_19877_9481.N1 | 18-DEC-2005 18:05:18 | Dark | 40.000 | 78 | Alp Lup | 2.3040 | 28000. | 80 | 19877 | No |
| 232 | GOM_NL__2PRFIN20051218_180850_000000442043_00284_19877_9482.N1 | 18-DEC-2005 18:08:50 | Dark | 43.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 87 | 19877 | No |
| 233 | GOM_NL__2PRFIN20051218_213310_000000422043_00287_19880_9463.N1 | 18-DEC-2005 21:33:10 | Dark | 41.500 | 12 | Alp1Cru | 0.77500 | 30000. | 83 | 19880 | No |
| 234 | GOM_NL__2PRFIN20051218_213846_000000452043_00287_19880_9464.N1 | 18-DEC-2005 21:38:46 | Dark | 45.000 | 29 | Bet Car | 1.6720 | 10200. | 90 | 19880 | No |
| 235 | GOM_NL__2PRFIN20051218_214124_000000502043_00287_19880_9465.N1 | 18-DEC-2005 21:41:24 | Dark | 49.500 | 41 | Eps Car | 1.8600 | 4100.0 | 99 | 19880 | No |
| 236 | GOM_NL__2PRFIN20051218_214611_000000542043_00287_19880_9466.N1 | 18-DEC-2005 21:46:11 | Dark | 54.000 | 2 | Alp Car | -0.73600 | 7000.0 | 108 | 19880 | No |
| 237 | GOM_NL__2PRFIN20051218_215208_000000402043_00287_19880_9467.N1 | 18-DEC-2005 21:52:08 | Straylight | 40.000 | 108 | Alp Col | 2.6520 | 15200. | 80 | 19880 | No |
| 238 | GOM_NL__2PRFIN20051218_215905_000000422043_00287_19880_9468.N1 | 18-DEC-2005 21:59:05 | Straylight | 42.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 84 | 19880 | No |
| 239 | GOM_NL__2PRFIN20051218_220719_000000532043_00287_19880_9469.N1 | 18-DEC-2005 22:07:19 | Twi_and_stray | 52.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 105 | 19880 | No |
| 240 | GOM_NL__2PRFIN20051218_220936_000000372043_00287_19880_9470.N1 | 18-DEC-2005 22:09:36 | Bright | 36.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 73 | 19880 | No |
| 241 | GOM_NL__2PRFIN20051218_221143_000000362043_00287_19880_9471.N1 | 18-DEC-2005 22:11:43 | Bright | 35.500 | 150 | 44Zet Per | 2.8900 | 28000. | 71 | 19880 | No |
| 242 | GOM_NL__2PRFIN20051218_221359_000000342043_00287_19880_9472.N1 | 18-DEC-2005 22:13:59 | Bright | 34.000 | 149 | 45Eps Per | 2.8880 | 30000. | 68 | 19880 | No |
| 243 | GOM_NL__2PRFIN20051218_221612_000000342043_00287_19880_9473.N1 | 18-DEC-2005 22:16:12 | Bright | 34.000 | 175 | 39Del Per | 3.0100 | 19400. | 68 | 19880 | No |
| 244 | GOM_NL__2PRFIN20051218_221802_000000352043_00287_19880_9474.N1 | 18-DEC-2005 22:18:02 | Bright | 35.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 70 | 19880 | No |
| 245 | GOM_NL__2PRFIN20051218_222753_000000342043_00287_19880_9475.N1 | 18-DEC-2005 22:27:53 | Bright | 34.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 68 | 19880 | No |
| 246 | GOM_NL__2PRFIN20051218_223234_000000372043_00287_19880_9476.N1 | 18-DEC-2005 22:32:34 | Bright | 37.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 74 | 19880 | No |
| 247 | GOM_NL__2PRFIN20051218_223556_000000362043_00287_19880_9477.N1 | 18-DEC-2005 22:35:56 | Bright | 35.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 71 | 19880 | No |
| 248 | GOM_NL__2PRFIN20051218_224603_000000352043_00287_19880_9478.N1 | 18-DEC-2005 22:46:03 | Bright | 34.500 | 67 | 5Alp CrB | 2.2210 | 11000. | 69 | 19880 | No |
| 249 | GOM_NL__2PRFIN20051218_225136_000000332043_00287_19880_9479.N1 | 18-DEC-2005 22:51:36 | Bright | 33.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 66 | 19880 | No |
| 250 | GOM_NL__2PRFIN20051218_225837_000000362043_00287_19880_9480.N1 | 18-DEC-2005 22:58:37 | Bright | 36.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 72 | 19880 | No |
| 251 | GOM_NL__2PRFIN20051218_230506_000000442043_00287_19880_9481.N1 | 18-DEC-2005 23:05:06 | Dark | 43.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 87 | 19880 | No |
| 252 | GOM_NL__2PRFIN20051218_230706_000000372043_00287_19880_9482.N1 | 18-DEC-2005 23:07:06 | Dark | 36.500 | 78 | Alp Lup | 2.3040 | 28000. | 73 | 19880 | No |
| 253 | GOM_NL__2PRFIN20051218_231038_000000522043_00287_19880_9483.N1 | 18-DEC-2005 23:10:38 | Dark | 52.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 104 | 19880 | No |
| 254 | GOM_NL__2PRFIN20051218_231346_000000392043_00288_19881_9463.N1 | 18-DEC-2005 23:13:46 | Dark | 39.000 | 12 | Alp1Cru | 0.77500 | 30000. | 78 | 19881 | No |
| 255 | GOM_NL__2PRFIN20051218_231923_000000392043_00288_19881_9464.N1 | 18-DEC-2005 23:19:23 | Dark | 38.500 | 29 | Bet Car | 1.6720 | 10200. | 77 | 19881 | No |
| 256 | GOM_NL__2PRFIN20051218_232201_000000452043_00288_19881_9465.N1 | 18-DEC-2005 23:22:01 | Dark | 45.000 | 41 | Eps Car | 1.8600 | 4100.0 | 90 | 19881 | No |
| 257 | GOM_NL__2PRFIN20051218_232647_000000532043_00288_19881_9466.N1 | 18-DEC-2005 23:26:47 | Dark | 53.000 | 2 | Alp Car | -0.73600 | 7000.0 | 106 | 19881 | No |
| 258 | GOM_NL__2PRFIN20051218_233244_000000402043_00288_19881_9467.N1 | 18-DEC-2005 23:32:44 | Straylight | 40.000 | 108 | Alp Col | 2.6520 | 15200. | 80 | 19881 | No |
| 259 | GOM_NL__2PRFIN20051218_233941_000000452043_00288_19881_9468.N1 | 18-DEC-2005 23:39:41 | Straylight | 44.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 89 | 19881 | No |
| 260 | GOM_NL__2PRFIN20051218_234755_000000532043_00288_19881_9469.N1 | 18-DEC-2005 23:47:55 | Twi_and_stray | 53.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 106 | 19881 | No |
| 261 | GOM_NL__2PRFIN20051218_235012_000000362043_00288_19881_9470.N1 | 18-DEC-2005 23:50:12 | Bright | 35.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 71 | 19881 | No |
| 262 | GOM_NL__2PRFIN20051218_235219_000000362043_00288_19881_9471.N1 | 18-DEC-2005 23:52:19 | Bright | 36.000 | 150 | 44Zet Per | 2.8900 | 28000. | 72 | 19881 | No |
| 263 | GOM_NL__2PRFIN20051218_235435_000000352043_00288_19881_9472.N1 | 18-DEC-2005 23:54:35 | Bright | 34.500 | 149 | 45Eps Per | 2.8880 | 30000. | 69 | 19881 | No |
| 264 | GOM_NL__2PRFIN20051218_235648_000000342043_00288_19881_9473.N1 | 18-DEC-2005 23:56:48 | Bright | 33.500 | 175 | 39Del Per | 3.0100 | 19400. | 67 | 19881 | No |
| 265 | GOM_NL__2PRFIN20051218_235838_000000352043_00288_19881_9474.N1 | 18-DEC-2005 23:58:38 | Bright | 35.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 70 | 19881 | No |

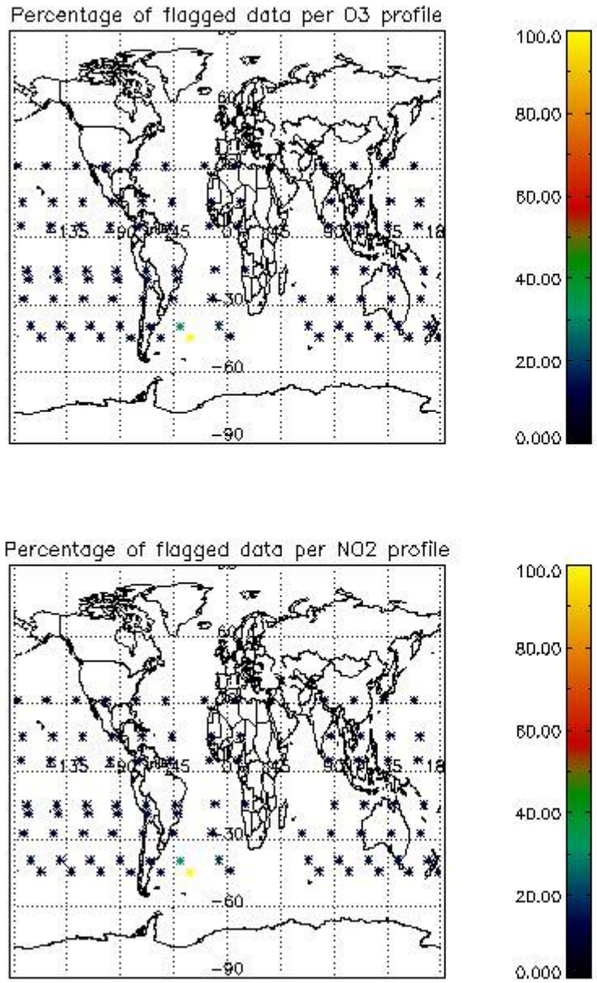
## *3. Quality information per product*

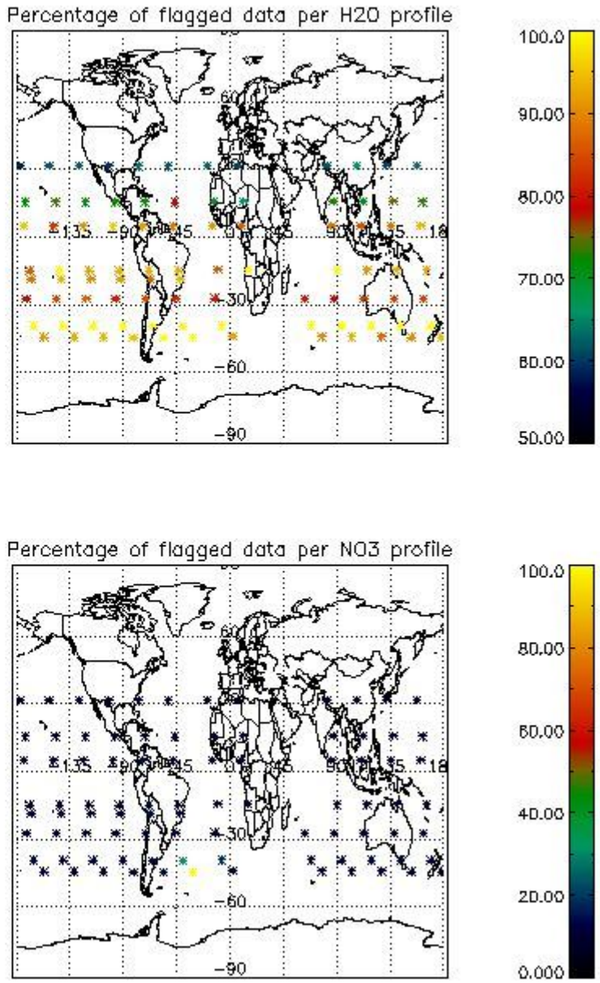
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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




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







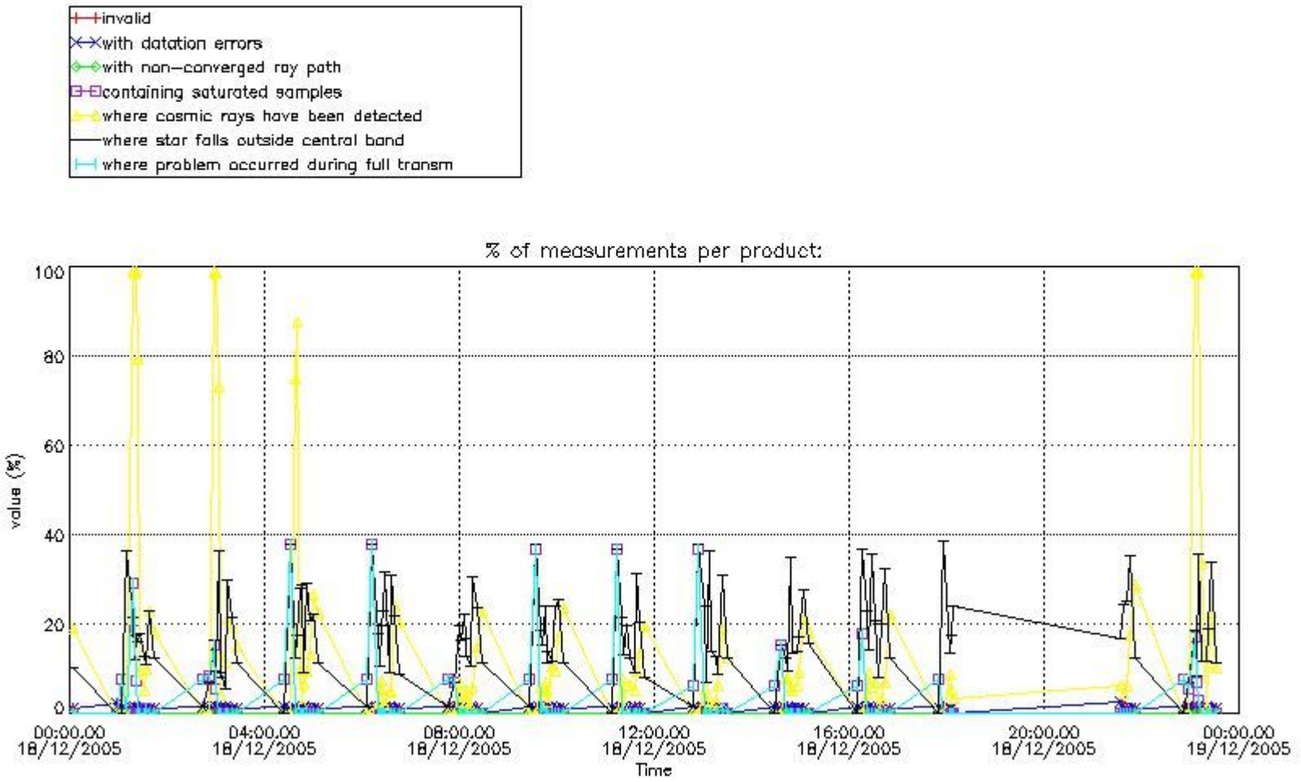



## *4. Level 1 quality information per product*

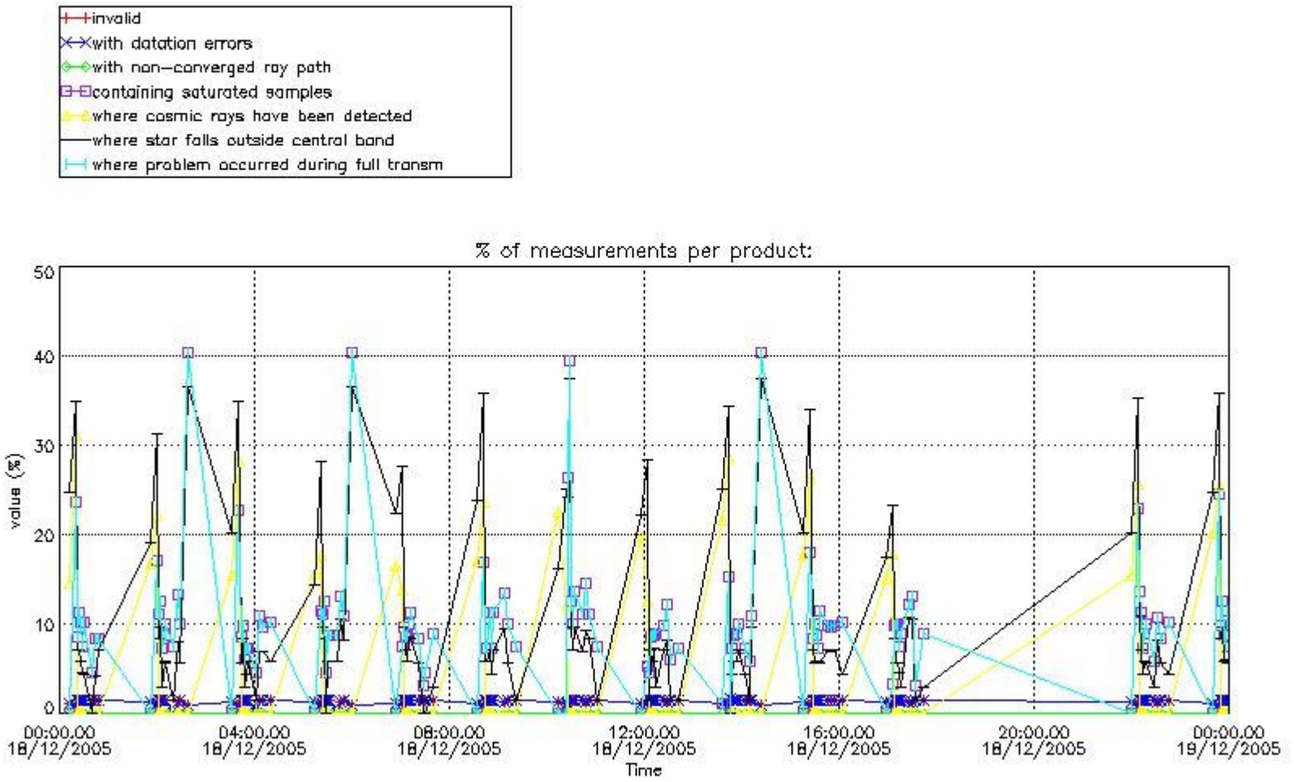
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

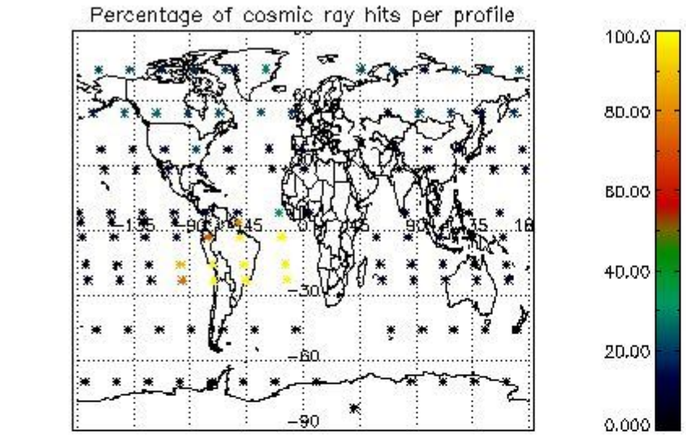


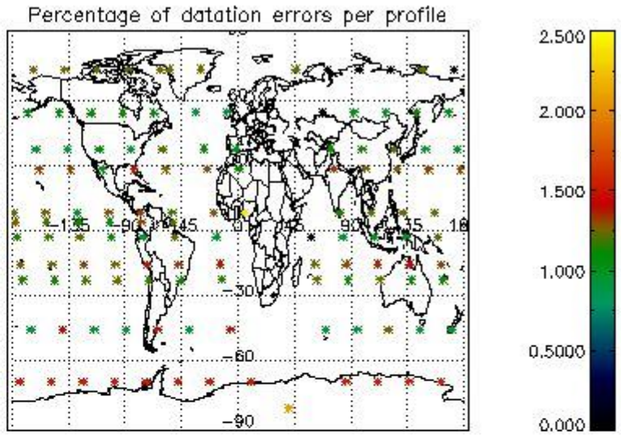

*4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes*

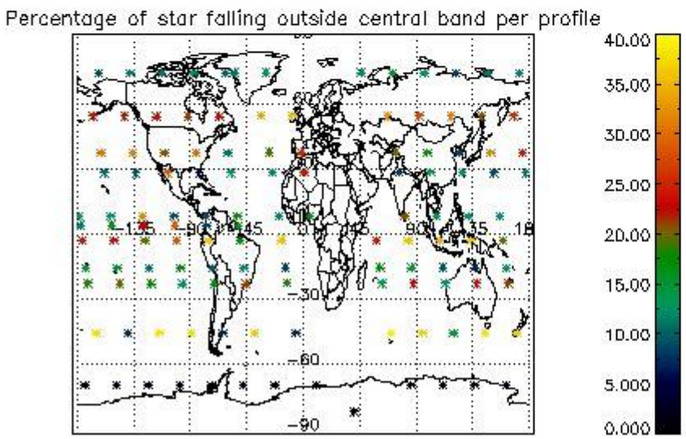


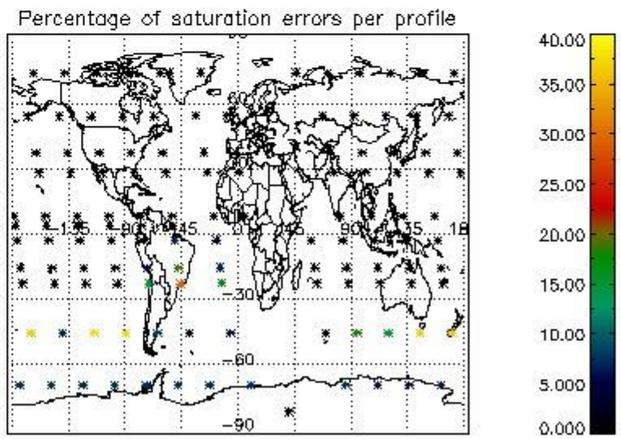

*4.2 Plot quality information per product comming from level 1b processing (world map)*

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

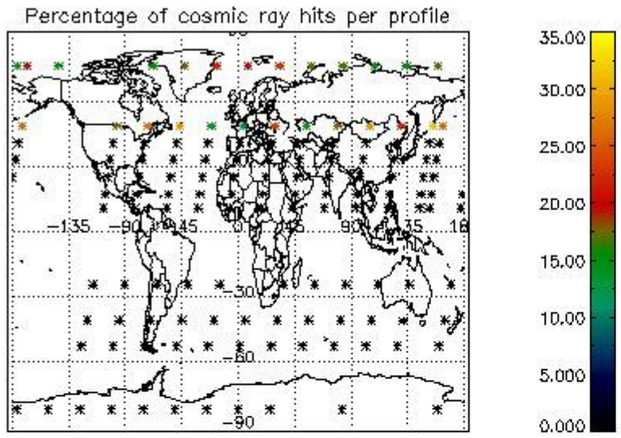


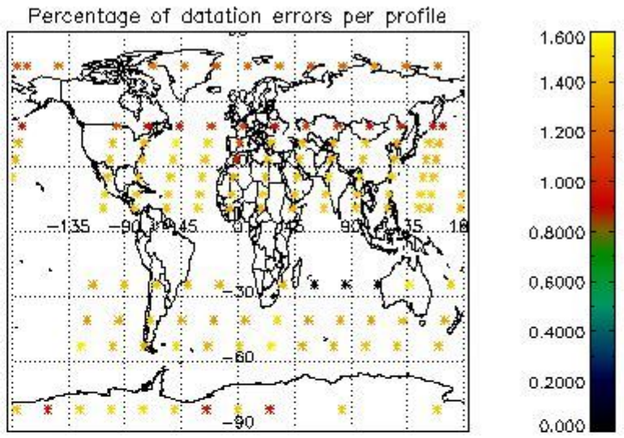



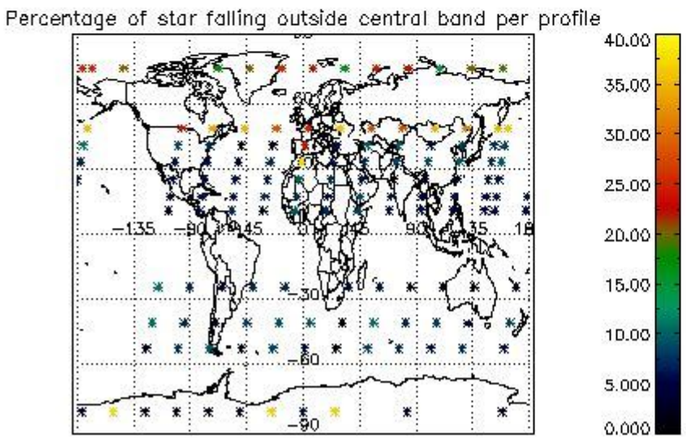



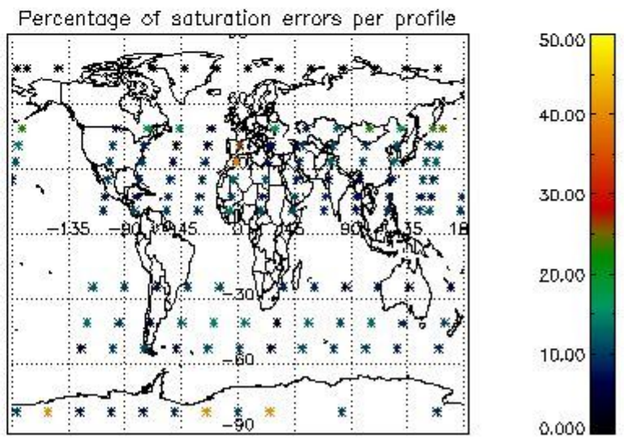




*4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes*




## *5. Trace gas profiles*

### *5.1 Ozone statistics based on quality of products*

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile.
This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
    - Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

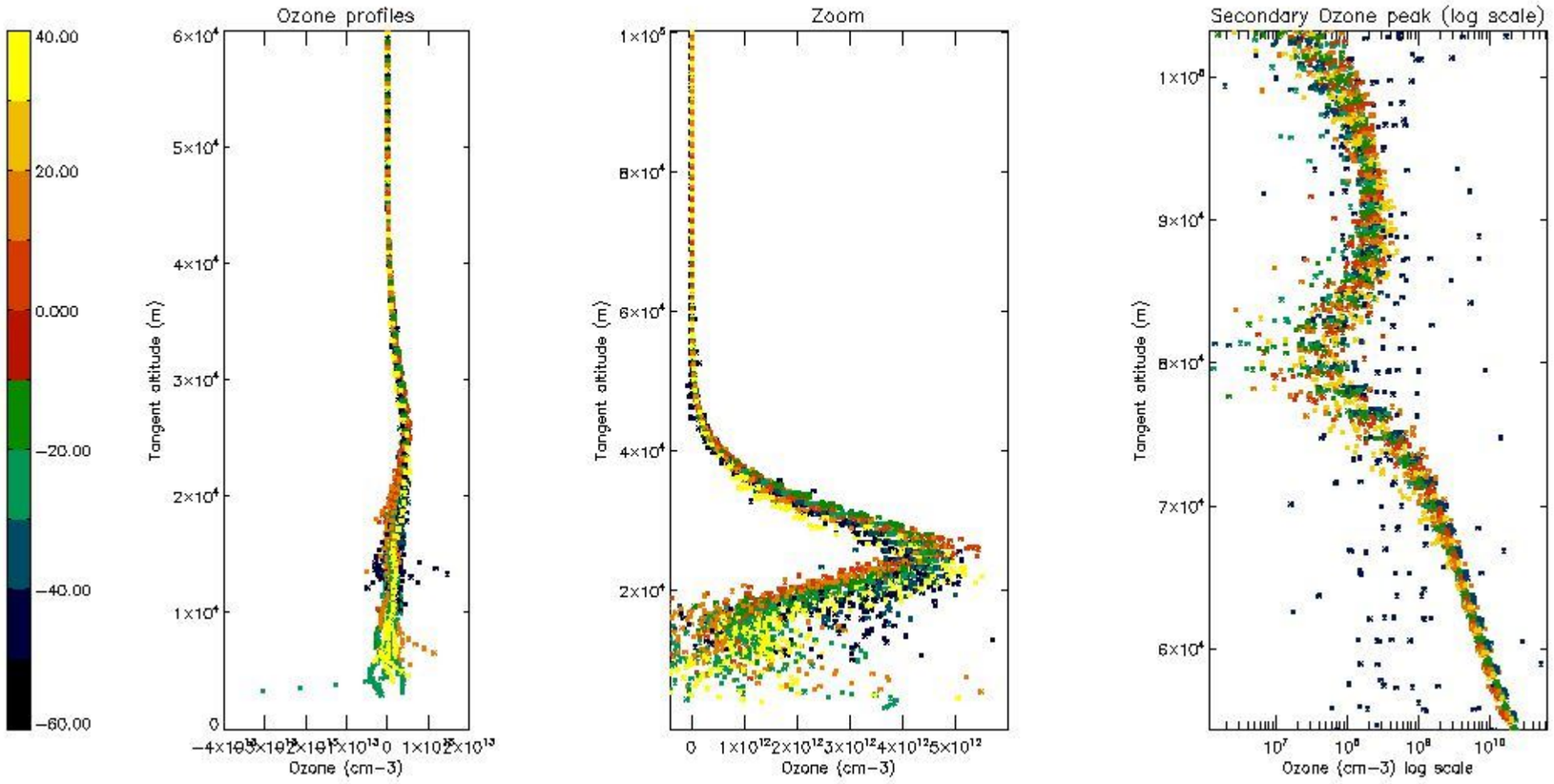
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|---|---|
| All STD | 38 |
| STD < 20 | 22 |

| | |
|---|---|
| STD < 10 | 19 |
| STD < 5 | 13 |

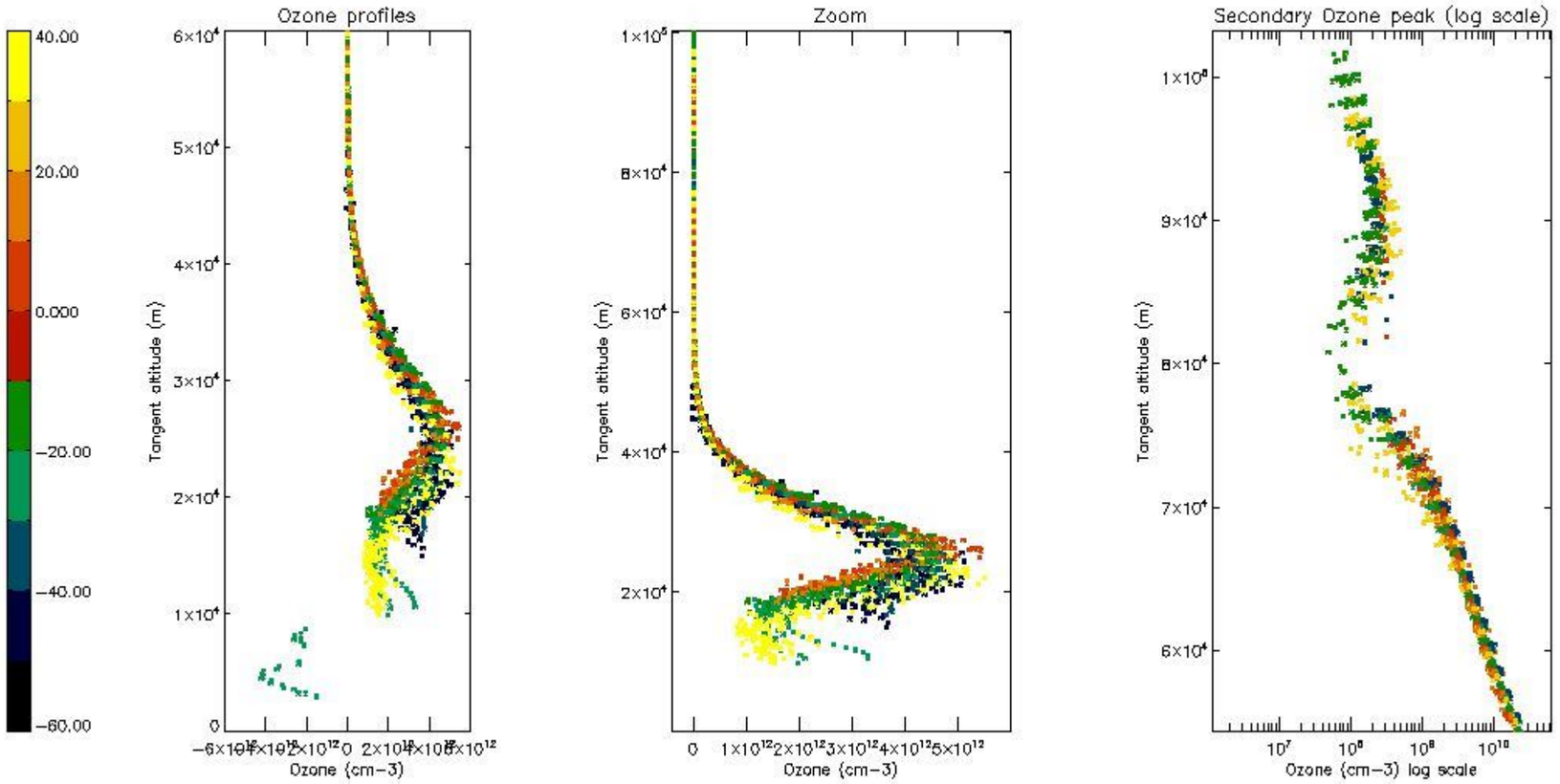
### *5.2 Plot ozone profiles for all STD (dark without errors)*

The colorbar represents the latitude.



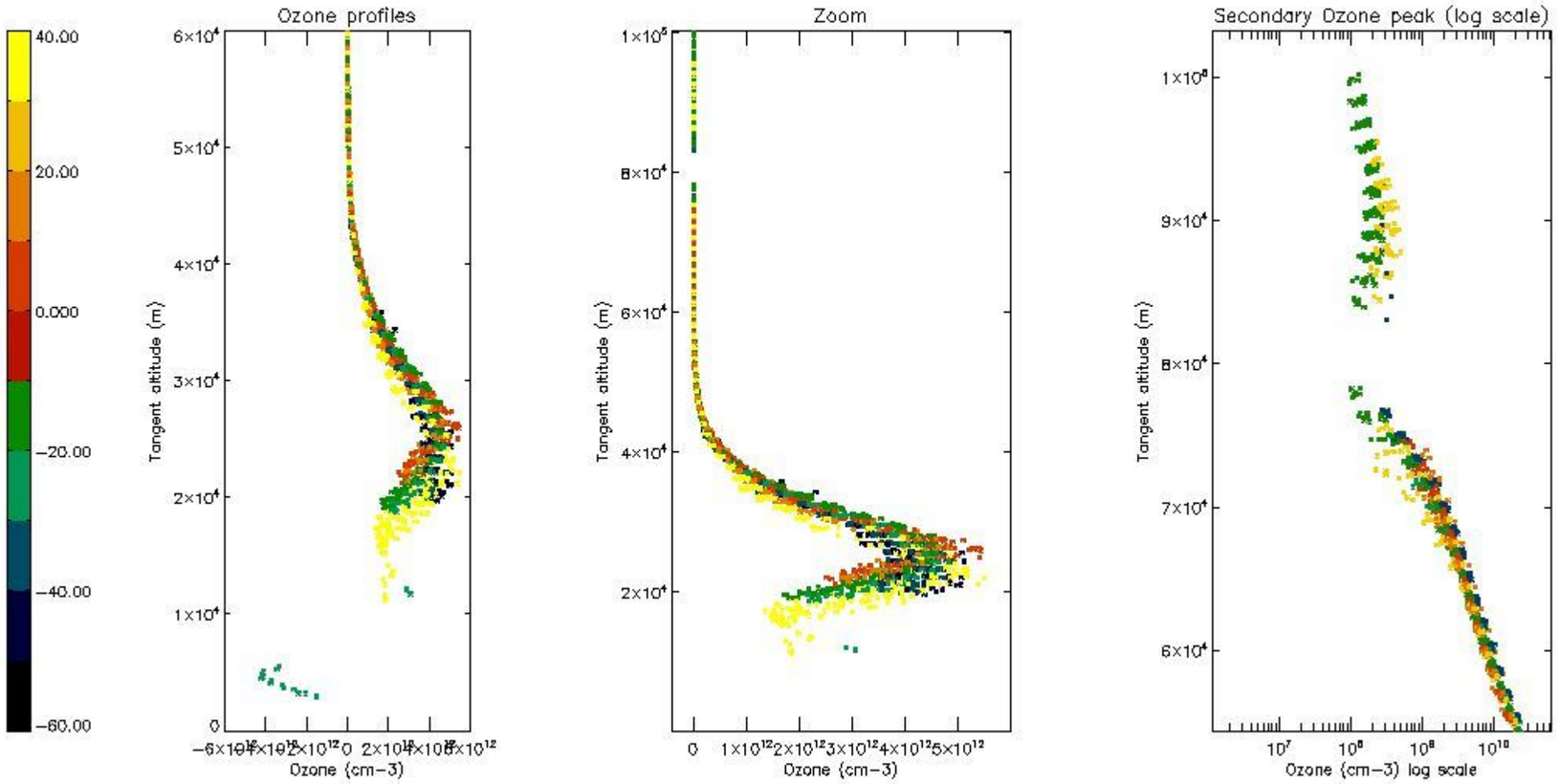

### *5.3 Plot ozone profiles where STD < 20% (dark without errors)*

The colorbar represents the latitude.



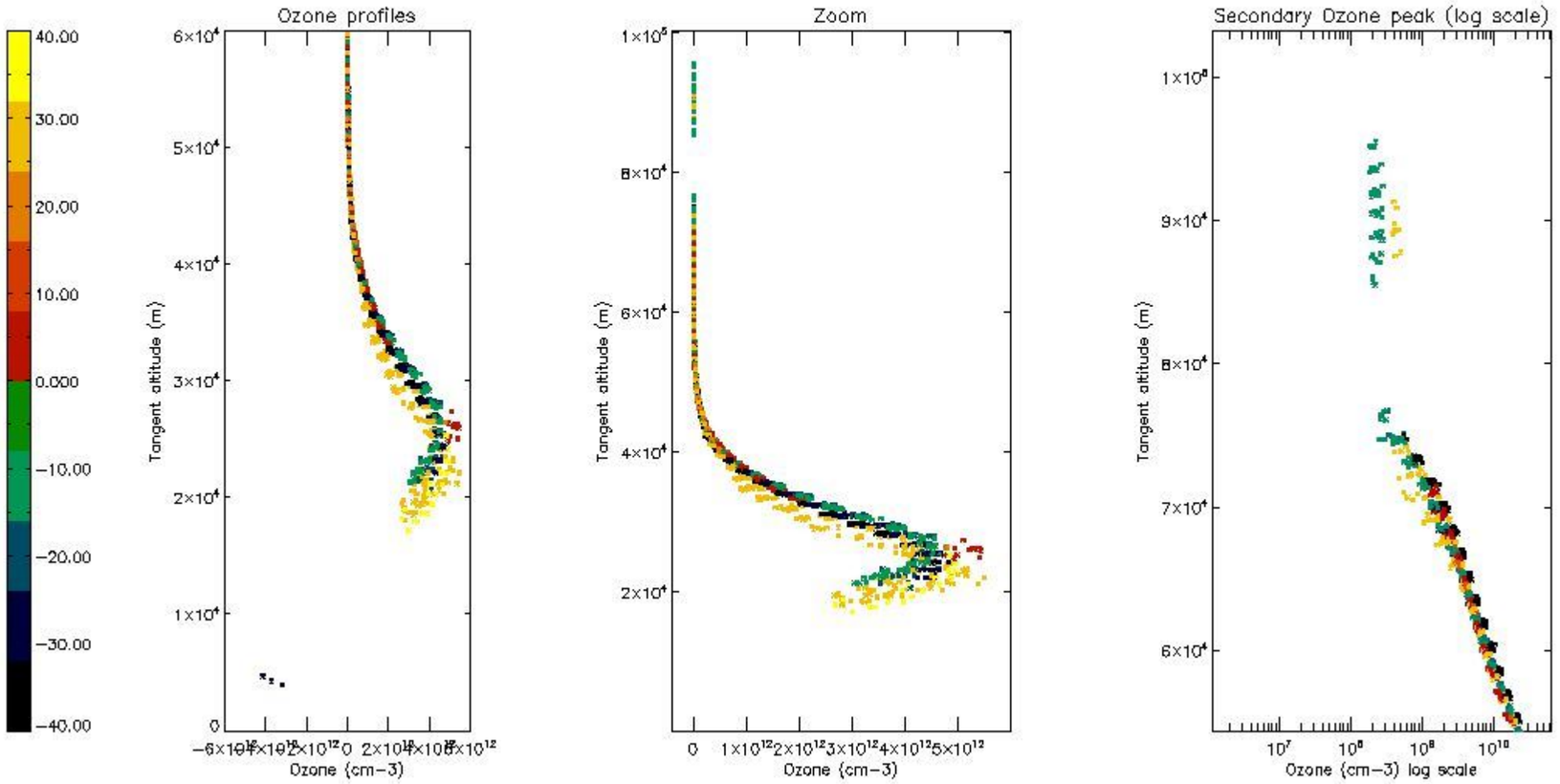

### *5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



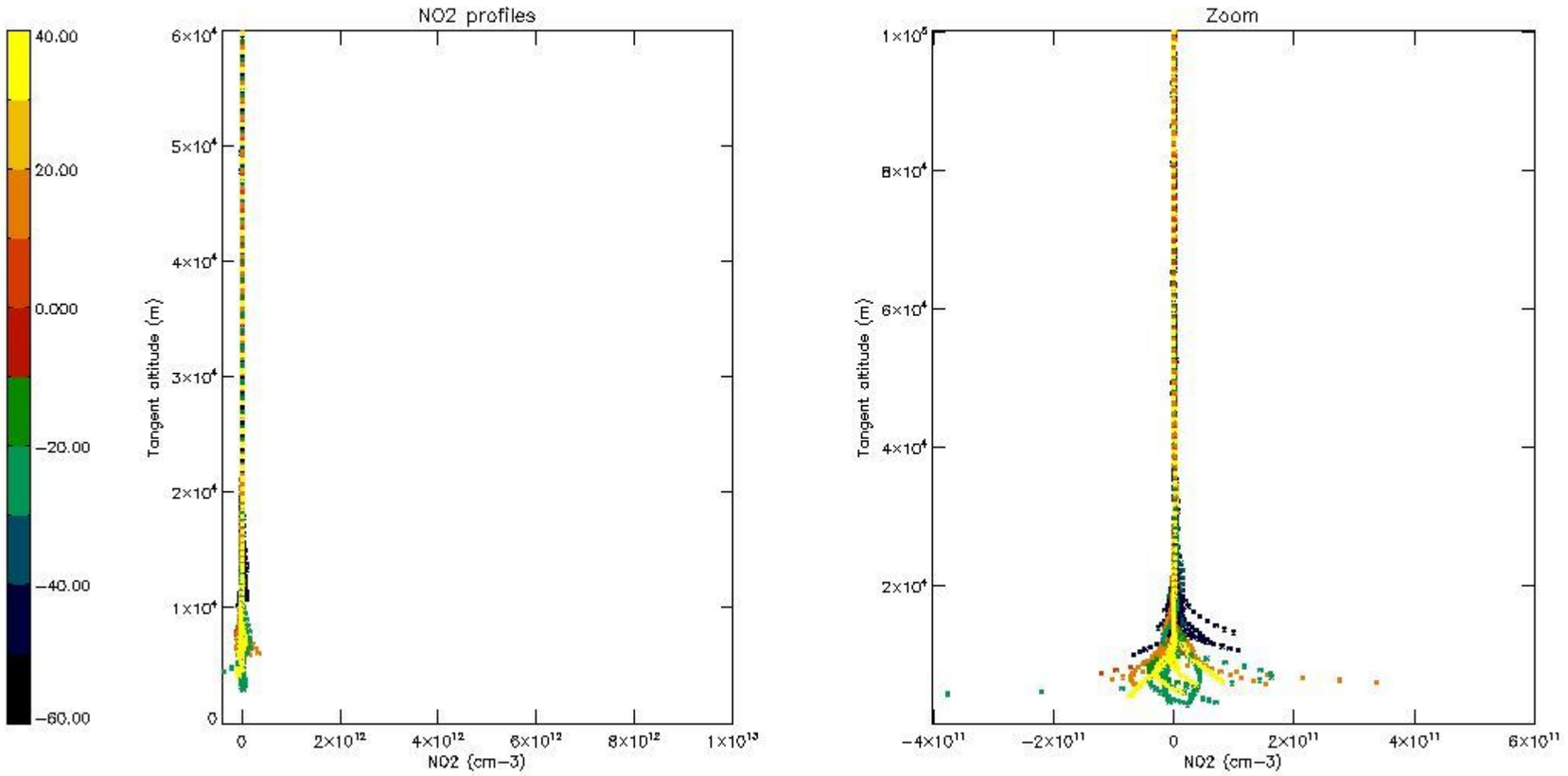

### *5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



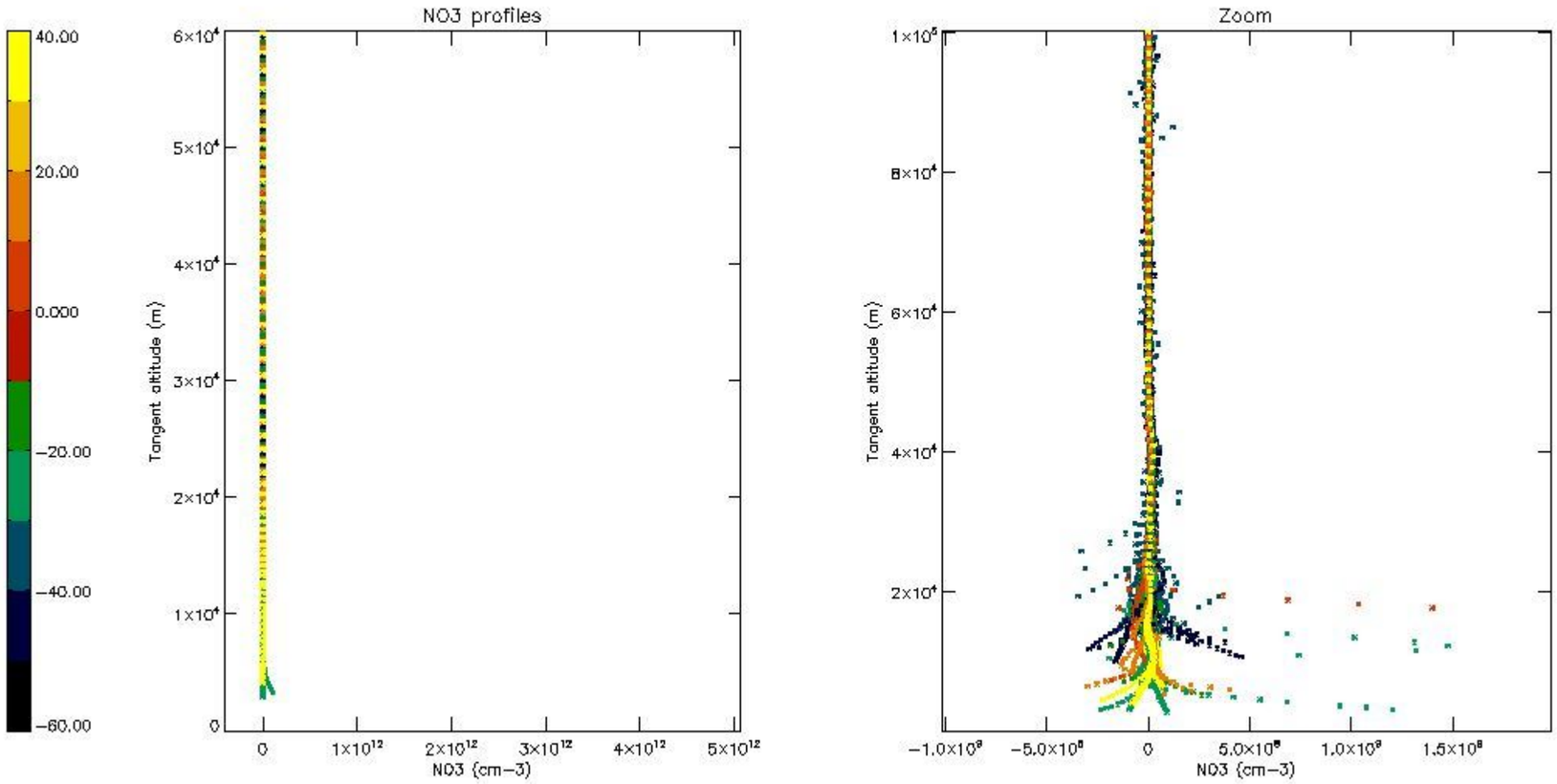

### *5.6 Plot NO2 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



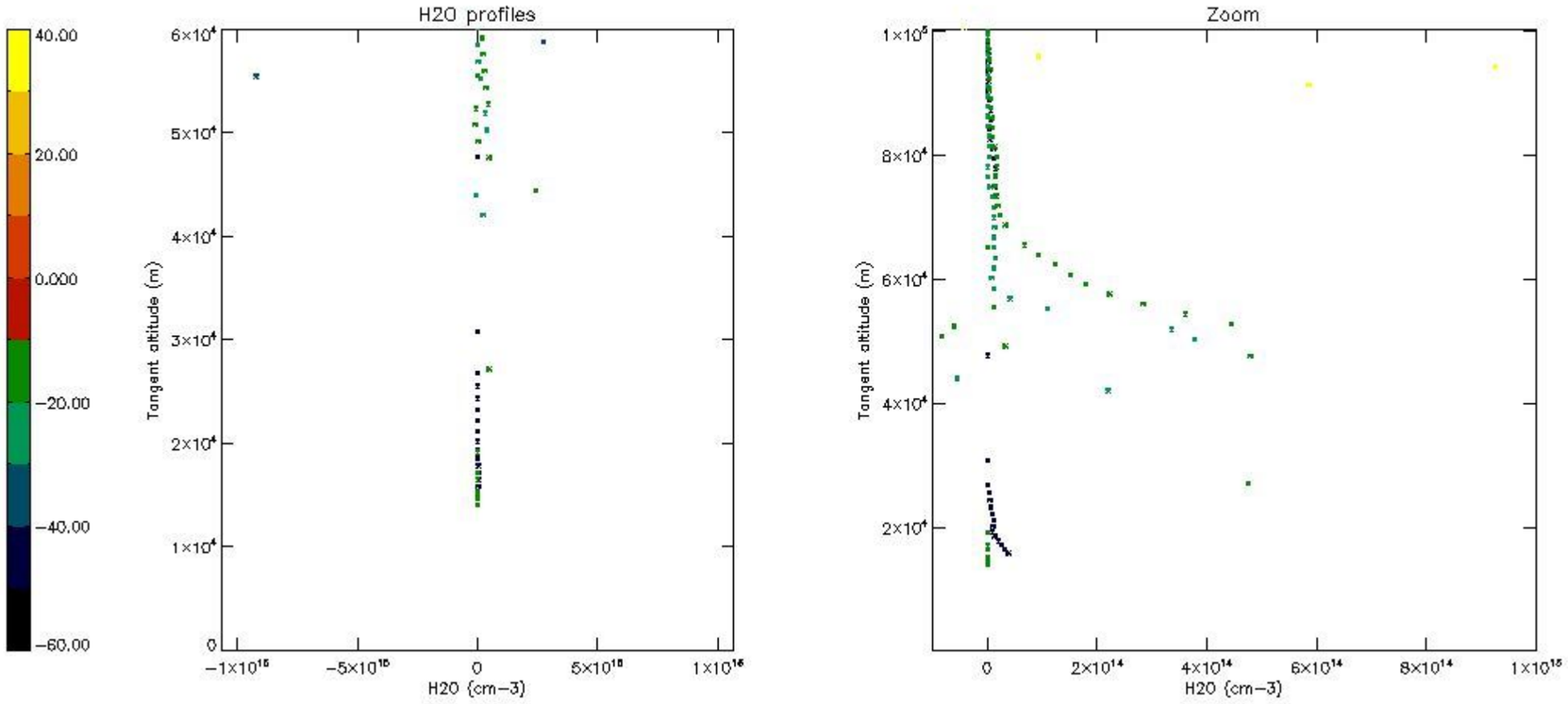

## *5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.




## *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 | 18-DEC-2005 00:04:17 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 18-DEC-2005 00:04:17 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 18-DEC-2005 00:04:17 |

# GOMOS Level 2 Daily Report

## SUMMARY



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## 1. General info

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 | 18APR2013 13:17:30 |
| Data source version | GOMOS/6.01 |
| Start time of products | 18-12-2005 (18DEC2005 00:00:00) |
| Stop time of products | 19-12-2005 (19DEC2005 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 265 |
| 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__2PRFIN20051218_000417_000000402043_00274_19867_9152.N1 | 18-DEC-2005 00:04:17 | Straylight | 39.500 | 108 | Alp Col | 2.6520 | 15200. | 79 | 19867 | No |
| 2 | GOM_NL__2PRFIN20051218_001116_000000452043_00274_19867_9153.N1 | 18-DEC-2005 00:11:16 | Straylight | 44.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 89 | 19867 | No |
| 3 | GOM_NL__2PRFIN20051218_001932_000000532043_00274_19867_9154.N1 | 18-DEC-2005 00:19:32 | Twi_and_stray | 53.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 106 | 19867 | No |
| 4 | GOM_NL__2PRFIN20051218_002148_000000352043_00274_19867_9155.N1 | 18-DEC-2005 00:21:48 | Bright | 35.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 70 | 19867 | No |
| 5 | GOM_NL__2PRFIN20051218_002356_000000362043_00274_19867_9156.N1 | 18-DEC-2005 00:23:56 | Bright | 35.500 | 150 | 44Zet Per | 2.8900 | 28000. | 71 | 19867 | No |
| 6 | GOM_NL__2PRFIN20051218_002612_000000352043_00274_19867_9157.N1 | 18-DEC-2005 00:26:12 | Bright | 34.500 | 149 | 45Eps Per | 2.8880 | 30000. | 69 | 19867 | No |
| 7 | GOM_NL__2PRFIN20051218_002824_000000342043_00274_19867_9158.N1 | 18-DEC-2005 00:28:24 | Bright | 33.500 | 175 | 39Del Per | 3.0100 | 19400. | 67 | 19867 | No |
| 8 | GOM_NL__2PRFIN20051218_003013_000000352043_00274_19867_9159.N1 | 18-DEC-2005 00:30:13 | Bright | 34.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 69 | 19867 | No |
| 9 | GOM_NL__2PRFIN20051218_004005_000000332043_00274_19867_9160.N1 | 18-DEC-2005 00:40:05 | Bright | 32.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 65 | 19867 | No |
| 10 | GOM_NL__2PRFIN20051218_004447_000000362043_00274_19867_9161.N1 | 18-DEC-2005 00:44:47 | Bright | 35.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 71 | 19867 | No |
| 11 | GOM_NL__2PRFIN20051218_004807_000000362043_00274_19867_9162.N1 | 18-DEC-2005 00:48:07 | Bright | 35.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 71 | 19867 | No |
| 12 | GOM_NL__2PRFIN20051218_005839_000000242043_00274_19867_9163.N1 | 18-DEC-2005 00:58:39 | Twi_and_stray | 24.000 | 83 |  | 2.3780 | 11000. | 48 | 19867 | No |
| 13 | GOM_NL__2PRFIN20051218_010346_000000332043_00274_19867_9164.N1 | 18-DEC-2005 01:03:46 | Bright | 33.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 66 | 19867 | No |
| 14 | GOM_NL__2PRFIN20051218_011045_000000512043_00274_19867_9165.N1 | 18-DEC-2005 01:10:45 | Bright | 51.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 102 | 19867 | No |
| 15 | GOM_NL__2PRFIN20051218_011713_000000452043_00274_19867_9166.N1 | 18-DEC-2005 01:17:13 | Dark | 44.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 89 | 19867 | No |
| 16 | GOM_NL__2PRFIN20051218_011916_000000382043_00274_19867_9167.N1 | 18-DEC-2005 01:19:16 | Dark | 37.500 | 78 | Alp Lup | 2.3040 | 28000. | 75 | 19867 | No |
| 17 | GOM_NL__2PRFIN20051218_012249_000000412043_00274_19867_9168.N1 | 18-DEC-2005 01:22:49 | Dark | 40.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 81 | 19867 | No |
| 18 | GOM_NL__2PRFIN20051218_012444_000000412043_00275_19868_9147.N1 | 18-DEC-2005 01:24:44 | Dark | 41.000 | 20 | Bet Cru | 1.2530 | 30000. | 82 | 19868 | No |
| 19 | GOM_NL__2PRFIN20051218_012554_000000432043_00275_19868_9148.N1 | 18-DEC-2005 01:25:54 | Dark | 42.500 | 12 | Alp1Cru | 0.77500 | 30000. | 85 | 19868 | No |
| 20 | GOM_NL__2PRFIN20051218_013130_000000402043_00275_19868_9149.N1 | 18-DEC-2005 01:31:30 | Dark | 39.500 | 29 | Bet Car | 1.6720 | 10200. | 79 | 19868 | No |
| 21 | GOM_NL__2PRFIN20051218_013407_000000422043_00275_19868_9150.N1 | 18-DEC-2005 01:34:07 | Dark | 41.500 | 41 | Eps Car | 1.8600 | 4100.0 | 83 | 19868 | No |
| 22 | GOM_NL__2PRFIN20051218_013855_000000462043_00275_19868_9151.N1 | 18-DEC-2005 01:38:55 | Dark | 46.000 | 2 | Alp Car | -0.73600 | 7000.0 | 92 | 19868 | No |
| 23 | GOM_NL__2PRFIN20051218_014454_000000412043_00275_19868_9152.N1 | 18-DEC-2005 01:44:54 | Straylight | 41.000 | 108 | Alp Col | 2.6520 | 15200. | 82 | 19868 | No |
| 24 | GOM_NL__2PRFIN20051218_015152_000000422043_00275_19868_9153.N1 | 18-DEC-2005 01:51:52 | Straylight | 42.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 84 | 19868 | No |
| 25 | GOM_NL__2PRFIN20051218_020008_000000502043_00275_19868_9154.N1 | 18-DEC-2005 02:00:08 | Twi_and_stray | 49.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 99 | 19868 | No |
| 26 | GOM_NL__2PRFIN20051218_020224_000000362043_00275_19868_9155.N1 | 18-DEC-2005 02:02:24 | Bright | 36.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 72 | 19868 | No |
| 27 | GOM_NL__2PRFIN20051218_020431_000000362043_00275_19868_9156.N1 | 18-DEC-2005 02:04:31 | Bright | 36.000 | 150 | 44Zet Per | 2.8900 | 28000. | 72 | 19868 | No |
| 28 | GOM_NL__2PRFIN20051218_020648_000000342043_00275_19868_9157.N1 | 18-DEC-2005 02:06:48 | Bright | 34.000 | 149 | 45Eps Per | 2.8880 | 30000. | 68 | 19868 | No |
| 29 | GOM_NL__2PRFIN20051218_020900_000000352043_00275_19868_9158.N1 | 18-DEC-2005 02:09:00 | Bright | 34.500 | 175 | 39Del Per | 3.0100 | 19400. | 69 | 19868 | No |
| 30 | GOM_NL__2PRFIN20051218_021049_000000352043_00275_19868_9159.N1 | 18-DEC-2005 02:10:49 | Bright | 35.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 70 | 19868 | No |
| 31 | GOM_NL__2PRFIN20051218_022041_000000342043_00275_19868_9160.N1 | 18-DEC-2005 02:20:41 | Bright | 33.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 67 | 19868 | No |
| 32 | GOM_NL__2PRFIN20051218_022523_000000382043_00275_19868_9161.N1 | 18-DEC-2005 02:25:23 | Bright | 37.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 75 | 19868 | No |
| 33 | GOM_NL__2PRFIN20051218_022843_000000352043_00275_19868_9162.N1 | 18-DEC-2005 02:28:43 | Bright | 35.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 70 | 19868 | No |
| 34 | GOM_NL__2PRFIN20051218_023850_000000522043_00275_19868_9163.N1 | 18-DEC-2005 02:38:50 | Bright | 52.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 104 | 19868 | No |
| 35 | GOM_NL__2PRFIN20051218_024422_000000332043_00275_19868_9164.N1 | 18-DEC-2005 02:44:22 | Bright | 33.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 66 | 19868 | No |
| 36 | GOM_NL__2PRFIN20051218_025122_000000362043_00275_19868_9165.N1 | 18-DEC-2005 02:51:22 | Bright | 36.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 72 | 19868 | No |
| 37 | GOM_NL__2PRFIN20051218_025749_000000432043_00275_19868_9166.N1 | 18-DEC-2005 02:57:49 | Dark | 42.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 85 | 19868 | No |
| 38 | GOM_NL__2PRFIN20051218_025952_000000372043_00275_19868_9167.N1 | 18-DEC-2005 02:59:52 | Dark | 36.500 | 78 | Alp Lup | 2.3040 | 28000. | 73 | 19868 | No |
| 39 | GOM_NL__2PRFIN20051218_030325_000000522043_00275_19868_9168.N1 | 18-DEC-2005 03:03:25 | Dark | 52.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 104 | 19868 | No |
| 40 | GOM_NL__2PRFIN20051218_030520_000000382043_00276_19869_9442.N1 | 18-DEC-2005 03:05:20 | Dark | 38.000 | 20 | Bet Cru | 1.2530 | 30000. | 76 | 19869 | No |
| 41 | GOM_NL__2PRFIN20051218_030630_000000392043_00276_19869_9443.N1 | 18-DEC-2005 03:06:30 | Dark | 38.500 | 12 | Alp1Cru | 0.77500 | 30000. | 77 | 19869 | No |
| 42 | GOM_NL__2PRFIN20051218_031207_000000362043_00276_19869_9444.N1 | 18-DEC-2005 03:12:07 | Dark | 36.000 | 29 | Bet Car | 1.6720 | 10200. | 72 | 19869 | No |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 43 | GOM_NL__2PRFIN20051218_031443_000000522043_00276_19869_9445.N1 | 18-DEC-2005 03:14:43 | Dark | 52.000 | 41 | Eps Car | 1.8600 | 4100.0 | 104 | 19869 | No |
| 44 | GOM_NL__2PRFIN20051218_031931_000000452043_00276_19869_9446.N1 | 18-DEC-2005 03:19:31 | Dark | 44.500 | 2 | Alp Car | -0.73600 | 7000.0 | 89 | 19869 | No |
| 45 | GOM_NL__2PRFIN20051218_032530_000000412043_00276_19869_9447.N1 | 18-DEC-2005 03:25:30 | Straylight | 40.500 | 108 | Alp Col | 2.6520 | 15200. | 81 | 19869 | No |
| 46 | GOM_NL__2PRFIN20051218_033228_000000422043_00276_19869_9448.N1 | 18-DEC-2005 03:32:28 | Straylight | 42.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 84 | 19869 | No |
| 47 | GOM_NL__2PRFIN20051218_034044_000000532043_00276_19869_9449.N1 | 18-DEC-2005 03:40:44 | Twi_and_stray | 53.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 106 | 19869 | No |
| 48 | GOM_NL__2PRFIN20051218_034300_000000352043_00276_19869_9450.N1 | 18-DEC-2005 03:43:00 | Bright | 35.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 70 | 19869 | No |
| 49 | GOM_NL__2PRFIN20051218_034507_000000362043_00276_19869_9451.N1 | 18-DEC-2005 03:45:07 | Bright | 35.500 | 150 | 44Zet Per | 2.8900 | 28000. | 71 | 19869 | No |
| 50 | GOM_NL__2PRFIN20051218_034724_000000342043_00276_19869_9452.N1 | 18-DEC-2005 03:47:24 | Bright | 33.500 | 149 | 45Eps Per | 2.8880 | 30000. | 67 | 19869 | No |
| 51 | GOM_NL__2PRFIN20051218_034936_000000342043_00276_19869_9453.N1 | 18-DEC-2005 03:49:36 | Bright | 34.000 | 175 | 39Del Per | 3.0100 | 19400. | 68 | 19869 | No |
| 52 | GOM_NL__2PRFIN20051218_035125_000000352043_00276_19869_9454.N1 | 18-DEC-2005 03:51:25 | Bright | 34.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 69 | 19869 | No |
| 53 | GOM_NL__2PRFIN20051218_040117_000000332043_00276_19869_9455.N1 | 18-DEC-2005 04:01:17 | Bright | 33.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 66 | 19869 | No |
| 54 | GOM_NL__2PRFIN20051218_040559_000000372043_00276_19869_9456.N1 | 18-DEC-2005 04:05:59 | Bright | 36.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 73 | 19869 | No |
| 55 | GOM_NL__2PRFIN20051218_040919_000000362043_00276_19869_9457.N1 | 18-DEC-2005 04:09:19 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 19869 | No |
| 56 | GOM_NL__2PRFIN20051218_041926_000000352043_00276_19869_9458.N1 | 18-DEC-2005 04:19:26 | Bright | 34.500 | 67 | 5Alp CrB | 2.2210 | 11000. | 69 | 19869 | No |
| 57 | GOM_NL__2PRFIN20051218_042459_000000332043_00276_19869_9459.N1 | 18-DEC-2005 04:24:59 | Bright | 33.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 66 | 19869 | No |
| 58 | GOM_NL__2PRFIN20051218_043158_000000532043_00276_19869_9460.N1 | 18-DEC-2005 04:31:58 | Bright | 53.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 106 | 19869 | No |
| 59 | GOM_NL__2PRFIN20051218_043825_000000402043_00276_19869_9461.N1 | 18-DEC-2005 04:38:25 | Dark | 40.000 | 54 | 5The Cen | 2.0550 | 4500.0 | 80 | 19869 | No |
| 60 | GOM_NL__2PRFIN20051218_044028_000000402043_00276_19869_9462.N1 | 18-DEC-2005 04:40:28 | Dark | 40.000 | 78 | Alp Lup | 2.3040 | 28000. | 80 | 19869 | No |
| 61 | GOM_NL__2PRFIN20051218_044401_000000472043_00276_19869_9463.N1 | 18-DEC-2005 04:44:01 | Dark | 46.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 93 | 19869 | No |
| 62 | GOM_NL__2PRFIN20051218_044556_000000492043_00277_19870_9462.N1 | 18-DEC-2005 04:45:56 | Dark | 48.500 | 20 | Bet Cru | 1.2530 | 30000. | 97 | 19870 | No |
| 63 | GOM_NL__2PRFIN20051218_044706_000000392043_00277_19870_9463.N1 | 18-DEC-2005 04:47:06 | Dark | 38.500 | 12 | Alp1Cru | 0.77500 | 30000. | 77 | 19870 | No |
| 64 | GOM_NL__2PRFIN20051218_045243_000000482043_00277_19870_9464.N1 | 18-DEC-2005 04:52:43 | Dark | 48.000 | 29 | Bet Car | 1.6720 | 10200. | 96 | 19870 | No |
| 65 | GOM_NL__2PRFIN20051218_045520_000000462043_00277_19870_9465.N1 | 18-DEC-2005 04:55:20 | Dark | 46.000 | 41 | Eps Car | 1.8600 | 4100.0 | 92 | 19870 | No |
| 66 | GOM_NL__2PRFIN20051218_050008_000000452043_00277_19870_9466.N1 | 18-DEC-2005 05:00:08 | Dark | 45.000 | 2 | Alp Car | -0.73600 | 7000.0 | 90 | 19870 | No |
| 67 | GOM_NL__2PRFIN20051218_050606_000000402043_00277_19870_9467.N1 | 18-DEC-2005 05:06:06 | Straylight | 40.000 | 108 | Alp Col | 2.6520 | 15200. | 80 | 19870 | No |
| 68 | GOM_NL__2PRFIN20051218_051304_000000392043_00277_19870_9468.N1 | 18-DEC-2005 05:13:04 | Straylight | 38.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 77 | 19870 | No |
| 69 | GOM_NL__2PRFIN20051218_052120_000000482043_00277_19870_9469.N1 | 18-DEC-2005 05:21:20 | Twi_and_stray | 48.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 96 | 19870 | No |
| 70 | GOM_NL__2PRFIN20051218_052336_000000362043_00277_19870_9470.N1 | 18-DEC-2005 05:23:36 | Bright | 36.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 72 | 19870 | No |
| 71 | GOM_NL__2PRFIN20051218_052543_000000362043_00277_19870_9471.N1 | 18-DEC-2005 05:25:43 | Bright | 36.000 | 150 | 44Zet Per | 2.8900 | 28000. | 72 | 19870 | No |
| 72 | GOM_NL__2PRFIN20051218_052800_000000332043_00277_19870_9472.N1 | 18-DEC-2005 05:28:00 | Bright | 33.000 | 149 | 45Eps Per | 2.8880 | 30000. | 66 | 19870 | No |
| 73 | GOM_NL__2PRFIN20051218_053012_000000352043_00277_19870_9473.N1 | 18-DEC-2005 05:30:12 | Bright | 34.500 | 175 | 39Del Per | 3.0100 | 19400. | 69 | 19870 | No |
| 74 | GOM_NL__2PRFIN20051218_053202_000000352043_00277_19870_9474.N1 | 18-DEC-2005 05:32:02 | Bright | 34.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 69 | 19870 | No |
| 75 | GOM_NL__2PRFIN20051218_054153_000000352043_00277_19870_9475.N1 | 18-DEC-2005 05:41:53 | Bright | 34.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 69 | 19870 | No |
| 76 | GOM_NL__2PRFIN20051218_054635_000000382043_00277_19870_9476.N1 | 18-DEC-2005 05:46:35 | Bright | 38.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 76 | 19870 | No |
| 77 | GOM_NL__2PRFIN20051218_054955_000000372043_00277_19870_9477.N1 | 18-DEC-2005 05:49:55 | Bright | 36.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 73 | 19870 | No |
| 78 | GOM_NL__2PRFIN20051218_060003_000000522043_00277_19870_9478.N1 | 18-DEC-2005 06:00:03 | Bright | 52.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 104 | 19870 | No |
| 79 | GOM_NL__2PRFIN20051218_060535_000000332043_00277_19870_9479.N1 | 18-DEC-2005 06:05:35 | Bright | 33.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 66 | 19870 | No |
| 80 | GOM_NL__2PRFIN20051218_061234_000000532043_00277_19870_9480.N1 | 18-DEC-2005 06:12:34 | Bright | 53.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 106 | 19870 | No |
| 81 | GOM_NL__2PRFIN20051218_061902_000000432043_00277_19870_9481.N1 | 18-DEC-2005 06:19:02 | Dark | 42.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 85 | 19870 | No |
| 82 | GOM_NL__2PRFIN20051218_062105_000000382043_00277_19870_9482.N1 | 18-DEC-2005 06:21:05 | Dark | 37.500 | 78 | Alp Lup | 2.3040 | 28000. | 75 | 19870 | No |
| 83 | GOM_NL__2PRFIN20051218_062437_000000412043_00277_19870_9483.N1 | 18-DEC-2005 06:24:37 | Dark | 41.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 82 | 19870 | No |
| 84 | GOM_NL__2PRFIN20051218_062633_000000462043_00278_19871_9462.N1 | 18-DEC-2005 06:26:33 | Dark | 45.500 | 20 | Bet Cru | 1.2530 | 30000. | 91 | 19871 | No |
| 85 | GOM_NL__2PRFIN20051218_062743_000000512043_00278_19871_9463.N1 | 18-DEC-2005 06:27:43 | Dark | 50.500 | 12 | Alp1Cru | 0.77500 | 30000. | 101 | 19871 | No |
| 86 | GOM_NL__2PRFIN20051218_063319_000000382043_00278_19871_9464.N1 | 18-DEC-2005 06:33:19 | Dark | 38.000 | 29 | Bet Car | 1.6720 | 10200. | 76 | 19871 | No |
| 87 | GOM_NL__2PRFIN20051218_063556_000000542043_00278_19871_9465.N1 | 18-DEC-2005 06:35:56 | Dark | 53.500 | 41 | Eps Car | 1.8600 | 4100.0 | 107 | 19871 | No |
| 88 | GOM_NL__2PRFIN20051218_064044_000000462043_00278_19871_9466.N1 | 18-DEC-2005 06:40:44 | Dark | 45.500 | 2 | Alp Car | -0.73600 | 7000.0 | 91 | 19871 | No |
| 89 | GOM_NL__2PRFIN20051218_064642_000000402043_00278_19871_9467.N1 | 18-DEC-2005 06:46:42 | Straylight | 39.500 | 108 | Alp Col | 2.6520 | 15200. | 79 | 19871 | No |
| 90 | GOM_NL__2PRFIN20051218_065341_000000432043_00278_19871_9468.N1 | 18-DEC-2005 06:53:41 | Straylight | 42.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 85 | 19871 | No |
| 91 | GOM_NL__2PRFIN20051218_070156_000000472043_00278_19871_9469.N1 | 18-DEC-2005 07:01:56 | Twi_and_stray | 47.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 94 | 19871 | No |
| 92 | GOM_NL__2PRFIN20051218_070412_000000362043_00278_19871_9470.N1 | 18-DEC-2005 07:04:12 | Bright | 36.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 72 | 19871 | No |
| 93 | GOM_NL__2PRFIN20051218_070619_000000352043_00278_19871_9471.N1 | 18-DEC-2005 07:06:19 | Bright | 35.000 | 150 | 44Zet Per | 2.8900 | 28000. | 70 | 19871 | No |
| 94 | GOM_NL__2PRFIN20051218_070836_000000352043_00278_19871_9472.N1 | 18-DEC-2005 07:08:36 | Bright | 34.500 | 149 | 45Eps Per | 2.8880 | 30000. | 69 | 19871 | No |
| 95 | GOM_NL__2PRFIN20051218_071048_000000352043_00278_19871_9473.N1 | 18-DEC-2005 07:10:48 | Bright | 35.000 | 175 | 39Del Per | 3.0100 | 19400. | 70 | 19871 | No |
| 96 | GOM_NL__2PRFIN20051218_071238_000000362043_00278_19871_9474.N1 | 18-DEC-2005 07:12:38 | Bright | 35.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 71 | 19871 | No |
| 97 | GOM_NL__2PRFIN20051218_072229_000000362043_00278_19871_9475.N1 | 18-DEC-2005 07:22:29 | Bright | 35.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 71 | 19871 | No |
| 98 | GOM_NL__2PRFIN20051218_072711_000000332043_00278_19871_9476.N1 | 18-DEC-2005 07:27:11 | Bright | 33.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 66 | 19871 | No |
| 99 | GOM_NL__2PRFIN20051218_073031_000000332043_00278_19871_9477.N1 | 18-DEC-2005 07:30:31 | Bright | 32.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 65 | 19871 | No |
| 100 | GOM_NL__2PRFIN20051218_074039_000000342043_00278_19871_9478.N1 | 18-DEC-2005 07:40:39 | Bright | 34.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 68 | 19871 | No |
| 101 | GOM_NL__2PRFIN20051218_074611_000000332043_00278_19871_9479.N1 | 18-DEC-2005 07:46:11 | Bright | 33.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 66 | 19871 | No |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 102 | GOM_NL__2PRFIN20051218_075311_000000362043_00278_19871_9480.N1 | 18-DEC-2005 07:53:11 | Bright | 35.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 71 | 19871 | No |
| 103 | GOM_NL__2PRFIN20051218_075938_000000442043_00278_19871_9481.N1 | 18-DEC-2005 07:59:38 | Dark | 43.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 87 | 19871 | No |
| 104 | GOM_NL__2PRFIN20051218_080141_000000402043_00278_19871_9482.N1 | 18-DEC-2005 08:01:41 | Dark | 40.000 | 78 | Alp Lup | 2.3040 | 28000. | 80 | 19871 | No |
| 105 | GOM_NL__2PRFIN20051218_080513_000000432043_00278_19871_9483.N1 | 18-DEC-2005 08:05:13 | Dark | 42.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 85 | 19871 | No |
| 106 | GOM_NL__2PRFIN20051218_080709_000000422043_00279_19872_9462.N1 | 18-DEC-2005 08:07:09 | Dark | 42.000 | 20 | Bet Cru | 1.2530 | 30000. | 84 | 19872 | No |
| 107 | GOM_NL__2PRFIN20051218_080819_000000402043_00279_19872_9463.N1 | 18-DEC-2005 08:08:19 | Dark | 39.500 | 12 | Alp1Cru | 0.77500 | 30000. | 79 | 19872 | No |
| 108 | GOM_NL__2PRFIN20051218_081356_000000382043_00279_19872_9464.N1 | 18-DEC-2005 08:13:56 | Dark | 38.000 | 29 | Bet Car | 1.6720 | 10200. | 76 | 19872 | No |
| 109 | GOM_NL__2PRFIN20051218_081633_000000532043_00279_19872_9465.N1 | 18-DEC-2005 08:16:33 | Dark | 52.500 | 41 | Eps Car | 1.8600 | 4100.0 | 105 | 19872 | No |
| 110 | GOM_NL__2PRFIN20051218_082120_000000472043_00279_19872_9466.N1 | 18-DEC-2005 08:21:20 | Dark | 46.500 | 2 | Alp Car | -0.73600 | 7000.0 | 93 | 19872 | No |
| 111 | GOM_NL__2PRFIN20051218_082719_000000402043_00279_19872_9467.N1 | 18-DEC-2005 08:27:19 | Straylight | 39.500 | 108 | Alp Col | 2.6520 | 15200. | 79 | 19872 | No |
| 112 | GOM_NL__2PRFIN20051218_083417_000000442043_00279_19872_9468.N1 | 18-DEC-2005 08:34:17 | Straylight | 44.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 88 | 19872 | No |
| 113 | GOM_NL__2PRFIN20051218_084232_000000532043_00279_19872_9469.N1 | 18-DEC-2005 08:42:32 | Twi_and_stray | 53.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 106 | 19872 | No |
| 114 | GOM_NL__2PRFIN20051218_084448_000000352043_00279_19872_9470.N1 | 18-DEC-2005 08:44:48 | Bright | 34.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 69 | 19872 | No |
| 115 | GOM_NL__2PRFIN20051218_084656_000000352043_00279_19872_9471.N1 | 18-DEC-2005 08:46:56 | Bright | 34.500 | 150 | 44Zet Per | 2.8900 | 28000. | 69 | 19872 | No |
| 116 | GOM_NL__2PRFIN20051218_084912_000000362043_00279_19872_9472.N1 | 18-DEC-2005 08:49:12 | Bright | 35.500 | 149 | 45Eps Per | 2.8880 | 30000. | 71 | 19872 | No |
| 117 | GOM_NL__2PRFIN20051218_085124_000000342043_00279_19872_9473.N1 | 18-DEC-2005 08:51:24 | Bright | 34.000 | 175 | 39Del Per | 3.0100 | 19400. | 68 | 19872 | No |
| 118 | GOM_NL__2PRFIN20051218_085314_000000362043_00279_19872_9474.N1 | 18-DEC-2005 08:53:14 | Bright | 35.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 71 | 19872 | No |
| 119 | GOM_NL__2PRFIN20051218_090747_000000372043_00279_19872_9475.N1 | 18-DEC-2005 09:07:47 | Bright | 37.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 74 | 19872 | No |
| 120 | GOM_NL__2PRFIN20051218_091107_000000352043_00279_19872_9476.N1 | 18-DEC-2005 09:11:07 | Bright | 35.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 70 | 19872 | No |
| 121 | GOM_NL__2PRFIN20051218_092115_000000342043_00279_19872_9477.N1 | 18-DEC-2005 09:21:15 | Bright | 33.500 | 67 | 5Alp CrB | 2.2210 | 11000. | 67 | 19872 | No |
| 122 | GOM_NL__2PRFIN20051218_092647_000000332043_00279_19872_9478.N1 | 18-DEC-2005 09:26:47 | Bright | 33.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 66 | 19872 | No |
| 123 | GOM_NL__2PRFIN20051218_093347_000000532043_00279_19872_9479.N1 | 18-DEC-2005 09:33:47 | Bright | 53.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 106 | 19872 | No |
| 124 | GOM_NL__2PRFIN20051218_094015_000000442043_00279_19872_9480.N1 | 18-DEC-2005 09:40:15 | Dark | 43.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 87 | 19872 | No |
| 125 | GOM_NL__2PRFIN20051218_094217_000000392043_00279_19872_9481.N1 | 18-DEC-2005 09:42:17 | Dark | 39.000 | 78 | Alp Lup | 2.3040 | 28000. | 78 | 19872 | No |
| 126 | GOM_NL__2PRFIN20051218_094549_000000442043_00279_19872_9482.N1 | 18-DEC-2005 09:45:49 | Dark | 43.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 87 | 19872 | No |
| 127 | GOM_NL__2PRFIN20051218_094746_000000402043_00280_19873_9462.N1 | 18-DEC-2005 09:47:46 | Dark | 39.500 | 20 | Bet Cru | 1.2530 | 30000. | 79 | 19873 | No |
| 128 | GOM_NL__2PRFIN20051218_094855_000000402043_00280_19873_9463.N1 | 18-DEC-2005 09:48:55 | Dark | 40.000 | 12 | Alp1Cru | 0.77500 | 30000. | 80 | 19873 | No |
| 129 | GOM_NL__2PRFIN20051218_095432_000000392043_00280_19873_9464.N1 | 18-DEC-2005 09:54:32 | Dark | 38.500 | 29 | Bet Car | 1.6720 | 10200. | 77 | 19873 | No |
| 130 | GOM_NL__2PRFIN20051218_095709_000000482043_00280_19873_9465.N1 | 18-DEC-2005 09:57:09 | Dark | 48.000 | 41 | Eps Car | 1.8600 | 4100.0 | 96 | 19873 | No |
| 131 | GOM_NL__2PRFIN20051218_100156_000000472043_00280_19873_9466.N1 | 18-DEC-2005 10:01:56 | Dark | 47.000 | 2 | Alp Car | -0.73600 | 7000.0 | 94 | 19873 | No |
| 132 | GOM_NL__2PRFIN20051218_100755_000000412043_00280_19873_9467.N1 | 18-DEC-2005 10:07:55 | Straylight | 40.500 | 108 | Alp Col | 2.6520 | 15200. | 81 | 19873 | No |
| 133 | GOM_NL__2PRFIN20051218_101453_000000402043_00280_19873_9468.N1 | 18-DEC-2005 10:14:53 | Straylight | 40.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 80 | 19873 | No |
| 134 | GOM_NL__2PRFIN20051218_102308_000000462043_00280_19873_9469.N1 | 18-DEC-2005 10:23:08 | Twi_and_stray | 46.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 92 | 19873 | No |
| 135 | GOM_NL__2PRFIN20051218_102524_000000442043_00280_19873_9470.N1 | 18-DEC-2005 10:25:24 | Bright | 43.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 87 | 19873 | No |
| 136 | GOM_NL__2PRFIN20051218_102732_000000522043_00280_19873_9471.N1 | 18-DEC-2005 10:27:32 | Bright | 52.000 | 150 | 44Zet Per | 2.8900 | 28000. | 104 | 19873 | No |
| 137 | GOM_NL__2PRFIN20051218_102947_000000362043_00280_19873_9472.N1 | 18-DEC-2005 10:29:47 | Bright | 36.000 | 149 | 45Eps Per | 2.8880 | 30000. | 72 | 19873 | No |
| 138 | GOM_NL__2PRFIN20051218_103200_000000352043_00280_19873_9473.N1 | 18-DEC-2005 10:32:00 | Bright | 35.000 | 175 | 39Del Per | 3.0100 | 19400. | 70 | 19873 | No |
| 139 | GOM_NL__2PRFIN20051218_103350_000000372043_00280_19873_9474.N1 | 18-DEC-2005 10:33:50 | Bright | 36.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 73 | 19873 | No |
| 140 | GOM_NL__2PRFIN20051218_104341_000000362043_00280_19873_9475.N1 | 18-DEC-2005 10:43:41 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 19873 | No |
| 141 | GOM_NL__2PRFIN20051218_104823_000000382043_00280_19873_9476.N1 | 18-DEC-2005 10:48:23 | Bright | 38.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 76 | 19873 | No |
| 142 | GOM_NL__2PRFIN20051218_105144_000000362043_00280_19873_9477.N1 | 18-DEC-2005 10:51:44 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 19873 | No |
| 143 | GOM_NL__2PRFIN20051218_110151_000000342043_00280_19873_9478.N1 | 18-DEC-2005 11:01:51 | Bright | 33.500 | 67 | 5Alp CrB | 2.2210 | 11000. | 67 | 19873 | No |
| 144 | GOM_NL__2PRFIN20051218_110723_000000332043_00280_19873_9479.N1 | 18-DEC-2005 11:07:23 | Bright | 33.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 66 | 19873 | No |
| 145 | GOM_NL__2PRFIN20051218_111423_000000532043_00280_19873_9480.N1 | 18-DEC-2005 11:14:23 | Bright | 53.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 106 | 19873 | No |
| 146 | GOM_NL__2PRFIN20051218_112051_000000452043_00280_19873_9481.N1 | 18-DEC-2005 11:20:51 | Dark | 44.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 89 | 19873 | No |
| 147 | GOM_NL__2PRFIN20051218_112253_000000382043_00280_19873_9482.N1 | 18-DEC-2005 11:22:53 | Dark | 38.000 | 78 | Alp Lup | 2.3040 | 28000. | 76 | 19873 | No |
| 148 | GOM_NL__2PRFIN20051218_112626_000000412043_00280_19873_9483.N1 | 18-DEC-2005 11:26:26 | Dark | 41.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 82 | 19873 | No |
| 149 | GOM_NL__2PRFIN20051218_112932_000000402043_00281_19874_9462.N1 | 18-DEC-2005 11:29:32 | Dark | 40.000 | 12 | Alp1Cru | 0.77500 | 30000. | 80 | 19874 | No |
| 150 | GOM_NL__2PRFIN20051218_113508_000000382043_00281_19874_9463.N1 | 18-DEC-2005 11:35:08 | Dark | 38.000 | 29 | Bet Car | 1.6720 | 10200. | 76 | 19874 | No |
| 151 | GOM_NL__2PRFIN20051218_113746_000000532043_00281_19874_9464.N1 | 18-DEC-2005 11:37:46 | Dark | 52.500 | 41 | Eps Car | 1.8600 | 4100.0 | 105 | 19874 | No |
| 152 | GOM_NL__2PRFIN20051218_114233_000000452043_00281_19874_9465.N1 | 18-DEC-2005 11:42:33 | Dark | 44.500 | 2 | Alp Car | -0.73600 | 7000.0 | 89 | 19874 | No |
| 153 | GOM_NL__2PRFIN20051218_114831_000000382043_00281_19874_9466.N1 | 18-DEC-2005 11:48:31 | Straylight | 38.000 | 108 | Alp Col | 2.6520 | 15200. | 76 | 19874 | No |
| 154 | GOM_NL__2PRFIN20051218_115529_000000432043_00281_19874_9467.N1 | 18-DEC-2005 11:55:29 | Straylight | 43.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 86 | 19874 | No |
| 155 | GOM_NL__2PRFIN20051218_120344_000000482043_00281_19874_9468.N1 | 18-DEC-2005 12:03:44 | Twi_and_stray | 47.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 95 | 19874 | No |
| 156 | GOM_NL__2PRFIN20051218_120600_000000342043_00281_19874_9469.N1 | 18-DEC-2005 12:06:00 | Bright | 33.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 67 | 19874 | No |
| 157 | GOM_NL__2PRFIN20051218_120807_000000352043_00281_19874_9470.N1 | 18-DEC-2005 12:08:07 | Bright | 35.000 | 150 | 44Zet Per | 2.8900 | 28000. | 70 | 19874 | No |
| 158 | GOM_NL__2PRFIN20051218_121023_000000352043_00281_19874_9471.N1 | 18-DEC-2005 12:10:23 | Bright | 34.500 | 149 | 45Eps Per | 2.8880 | 30000. | 69 | 19874 | No |
| 159 | GOM_NL__2PRFIN20051218_121236_000000352043_00281_19874_9472.N1 | 18-DEC-2005 12:12:36 | Bright | 34.500 | 175 | 39Del Per | 3.0100 | 19400. | 69 | 19874 | No |
| 160 | GOM_NL__2PRFIN20051218_121426_000000342043_00281_19874_9473.N1 | 18-DEC-2005 12:14:26 | Bright | 34.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 68 | 19874 | No |

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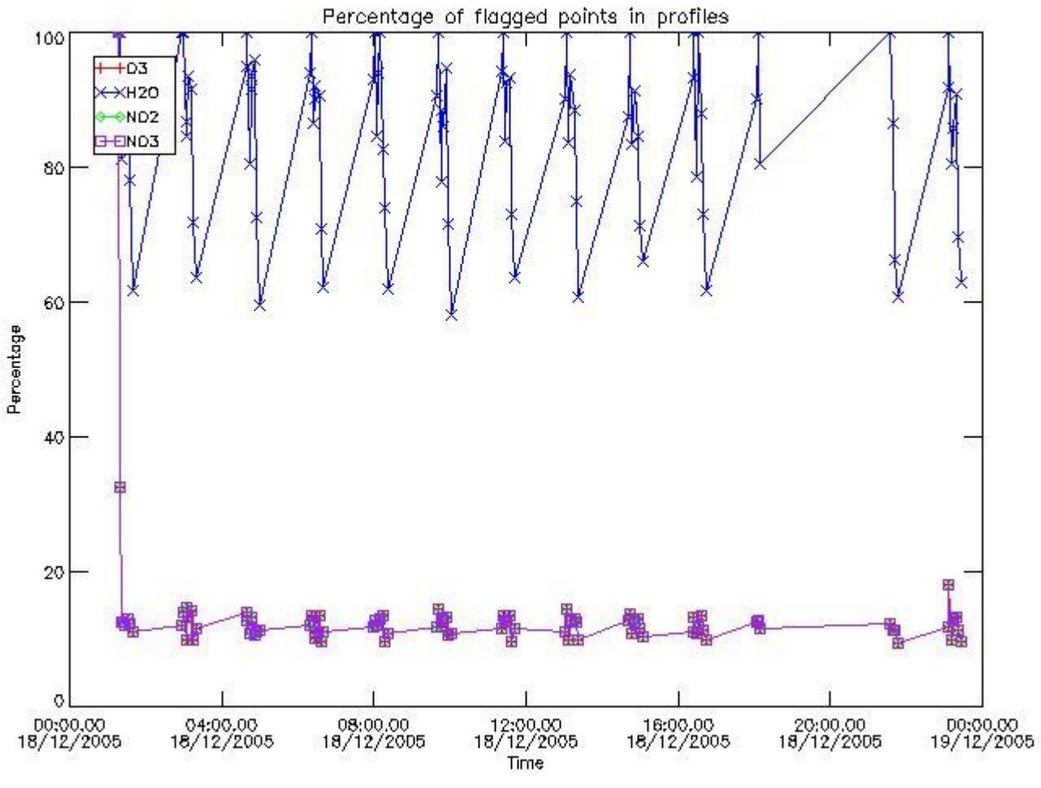
|---|---|---|---|---|---|---|---|---|---|---|---|
| 161 | GOM_NL__2PRFIN20051218_122417_000000362043_00281_19874_9474.N1 | 18-DEC-2005 12:24:17 | Bright | 35.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 71 | 19874 | No |
| 162 | GOM_NL__2PRFIN20051218_122858_000000372043_00281_19874_9475.N1 | 18-DEC-2005 12:28:58 | Bright | 37.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 74 | 19874 | No |
| 163 | GOM_NL__2PRFIN20051218_123219_000000342043_00281_19874_9476.N1 | 18-DEC-2005 12:32:19 | Bright | 33.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 67 | 19874 | No |
| 164 | GOM_NL__2PRFIN20051218_124227_000000342043_00281_19874_9477.N1 | 18-DEC-2005 12:42:27 | Bright | 34.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 68 | 19874 | No |
| 165 | GOM_NL__2PRFIN20051218_124759_000000332043_00281_19874_9478.N1 | 18-DEC-2005 12:47:59 | Bright | 32.500 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 65 | 19874 | No |
| 166 | GOM_NL__2PRFIN20051218_125459_000000532043_00281_19874_9479.N1 | 18-DEC-2005 12:54:59 | Bright | 53.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 106 | 19874 | No |
| 167 | GOM_NL__2PRFIN20051218_130127_000000462043_00281_19874_9480.N1 | 18-DEC-2005 13:01:27 | Dark | 46.000 | 54 | 5The Cen | 2.0550 | 4500.0 | 92 | 19874 | No |
| 168 | GOM_NL__2PRFIN20051218_130329_000000362043_00281_19874_9481.N1 | 18-DEC-2005 13:03:29 | Dark | 35.500 | 78 | Alp Lup | 2.3040 | 28000. | 71 | 19874 | No |
| 169 | GOM_NL__2PRFIN20051218_130702_000000522043_00281_19874_9482.N1 | 18-DEC-2005 13:07:02 | Dark | 52.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 104 | 19874 | No |
| 170 | GOM_NL__2PRFIN20051218_131008_000000402043_00282_19875_9462.N1 | 18-DEC-2005 13:10:08 | Dark | 40.000 | 12 | Alp1Cru | 0.77500 | 30000. | 80 | 19875 | No |
| 171 | GOM_NL__2PRFIN20051218_131545_000000402043_00282_19875_9463.N1 | 18-DEC-2005 13:15:45 | Dark | 39.500 | 29 | Bet Car | 1.6720 | 10200. | 79 | 19875 | No |
| 172 | GOM_NL__2PRFIN20051218_131822_000000412043_00282_19875_9464.N1 | 18-DEC-2005 13:18:22 | Dark | 40.500 | 41 | Eps Car | 1.8600 | 4100.0 | 81 | 19875 | No |
| 173 | GOM_NL__2PRFIN20051218_132309_000000522043_00282_19875_9465.N1 | 18-DEC-2005 13:23:09 | Dark | 51.500 | 2 | Alp Car | -0.73600 | 7000.0 | 103 | 19875 | No |
| 174 | GOM_NL__2PRFIN20051218_132907_000000402043_00282_19875_9466.N1 | 18-DEC-2005 13:29:07 | Straylight | 40.000 | 108 | Alp Col | 2.6520 | 15200. | 80 | 19875 | No |
| 175 | GOM_NL__2PRFIN20051218_133605_000000442043_00282_19875_9467.N1 | 18-DEC-2005 13:36:05 | Straylight | 44.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 88 | 19875 | No |
| 176 | GOM_NL__2PRFIN20051218_134419_000000532043_00282_19875_9468.N1 | 18-DEC-2005 13:44:19 | Twi_and_stray | 52.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 105 | 19875 | No |
| 177 | GOM_NL__2PRFIN20051218_134636_000000322043_00282_19875_9469.N1 | 18-DEC-2005 13:46:36 | Bright | 32.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 64 | 19875 | No |
| 178 | GOM_NL__2PRFIN20051218_134843_000000342043_00282_19875_9470.N1 | 18-DEC-2005 13:48:43 | Bright | 34.000 | 150 | 44Zet Per | 2.8900 | 28000. | 68 | 19875 | No |
| 179 | GOM_NL__2PRFIN20051218_135059_000000352043_00282_19875_9471.N1 | 18-DEC-2005 13:50:59 | Bright | 34.500 | 149 | 45Eps Per | 2.8880 | 30000. | 69 | 19875 | No |
| 180 | GOM_NL__2PRFIN20051218_135312_000000342043_00282_19875_9472.N1 | 18-DEC-2005 13:53:12 | Bright | 34.000 | 175 | 39Del Per | 3.0100 | 19400. | 68 | 19875 | No |
| 181 | GOM_NL__2PRFIN20051218_135502_000000352043_00282_19875_9473.N1 | 18-DEC-2005 13:55:02 | Bright | 35.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 70 | 19875 | No |
| 182 | GOM_NL__2PRFIN20051218_140453_000000352043_00282_19875_9474.N1 | 18-DEC-2005 14:04:53 | Bright | 34.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 69 | 19875 | No |
| 183 | GOM_NL__2PRFIN20051218_140934_000000352043_00282_19875_9475.N1 | 18-DEC-2005 14:09:34 | Bright | 34.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 69 | 19875 | No |
| 184 | GOM_NL__2PRFIN20051218_141256_000000372043_00282_19875_9476.N1 | 18-DEC-2005 14:12:56 | Bright | 36.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 73 | 19875 | No |
| 185 | GOM_NL__2PRFIN20051218_142303_000000522043_00282_19875_9477.N1 | 18-DEC-2005 14:23:03 | Bright | 52.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 104 | 19875 | No |
| 186 | GOM_NL__2PRFIN20051218_142835_000000332043_00282_19875_9478.N1 | 18-DEC-2005 14:28:35 | Bright | 32.500 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 65 | 19875 | No |
| 187 | GOM_NL__2PRFIN20051218_143536_000000402043_00282_19875_9479.N1 | 18-DEC-2005 14:35:36 | Bright | 39.500 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 79 | 19875 | No |
| 188 | GOM_NL__2PRFIN20051218_144204_000000402043_00282_19875_9480.N1 | 18-DEC-2005 14:42:04 | Dark | 40.000 | 54 | 5The Cen | 2.0550 | 4500.0 | 80 | 19875 | No |
| 189 | GOM_NL__2PRFIN20051218_144405_000000372043_00282_19875_9481.N1 | 18-DEC-2005 14:44:05 | Dark | 37.000 | 78 | Alp Lup | 2.3040 | 28000. | 74 | 19875 | No |
| 190 | GOM_NL__2PRFIN20051218_144738_000000522043_00282_19875_9482.N1 | 18-DEC-2005 14:47:38 | Dark | 51.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 103 | 19875 | No |
| 191 | GOM_NL__2PRFIN20051218_145044_000000412043_00283_19876_9462.N1 | 18-DEC-2005 14:50:44 | Dark | 40.500 | 12 | Alp1Cru | 0.77500 | 30000. | 81 | 19876 | No |
| 192 | GOM_NL__2PRFIN20051218_145621_000000402043_00283_19876_9463.N1 | 18-DEC-2005 14:56:21 | Dark | 39.500 | 29 | Bet Car | 1.6720 | 10200. | 79 | 19876 | No |
| 193 | GOM_NL__2PRFIN20051218_145859_000000442043_00283_19876_9464.N1 | 18-DEC-2005 14:58:59 | Dark | 44.000 | 41 | Eps Car | 1.8600 | 4100.0 | 88 | 19876 | No |
| 194 | GOM_NL__2PRFIN20051218_150345_000000492043_00283_19876_9465.N1 | 18-DEC-2005 15:03:45 | Dark | 49.000 | 2 | Alp Car | -0.73600 | 7000.0 | 98 | 19876 | No |
| 195 | GOM_NL__2PRFIN20051218_150943_000000422043_00283_19876_9466.N1 | 18-DEC-2005 15:09:43 | Straylight | 41.500 | 108 | Alp Col | 2.6520 | 15200. | 83 | 19876 | No |
| 196 | GOM_NL__2PRFIN20051218_151641_000000422043_00283_19876_9467.N1 | 18-DEC-2005 15:16:41 | Straylight | 42.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 84 | 19876 | No |
| 197 | GOM_NL__2PRFIN20051218_152455_000000532043_00283_19876_9468.N1 | 18-DEC-2005 15:24:55 | Twi_and_stray | 53.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 106 | 19876 | No |
| 198 | GOM_NL__2PRFIN20051218_152712_000000362043_00283_19876_9469.N1 | 18-DEC-2005 15:27:12 | Bright | 35.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 71 | 19876 | No |
| 199 | GOM_NL__2PRFIN20051218_152919_000000352043_00283_19876_9470.N1 | 18-DEC-2005 15:29:19 | Bright | 35.000 | 150 | 44Zet Per | 2.8900 | 28000. | 70 | 19876 | No |
| 200 | GOM_NL__2PRFIN20051218_153135_000000352043_00283_19876_9471.N1 | 18-DEC-2005 15:31:35 | Bright | 34.500 | 149 | 45Eps Per | 2.8880 | 30000. | 69 | 19876 | No |
| 201 | GOM_NL__2PRFIN20051218_153348_000000342043_00283_19876_9472.N1 | 18-DEC-2005 15:33:48 | Bright | 34.000 | 175 | 39Del Per | 3.0100 | 19400. | 68 | 19876 | No |
| 202 | GOM_NL__2PRFIN20051218_153538_000000352043_00283_19876_9473.N1 | 18-DEC-2005 15:35:38 | Bright | 35.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 70 | 19876 | No |
| 203 | GOM_NL__2PRFIN20051218_154529_000000362043_00283_19876_9474.N1 | 18-DEC-2005 15:45:29 | Bright | 35.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 71 | 19876 | No |
| 204 | GOM_NL__2PRFIN20051218_155010_000000372043_00283_19876_9475.N1 | 18-DEC-2005 15:50:10 | Bright | 36.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 73 | 19876 | No |
| 205 | GOM_NL__2PRFIN20051218_155332_000000362043_00283_19876_9476.N1 | 18-DEC-2005 15:53:32 | Bright | 35.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 71 | 19876 | No |
| 206 | GOM_NL__2PRFIN20051218_160339_000000352043_00283_19876_9477.N1 | 18-DEC-2005 16:03:39 | Bright | 34.500 | 67 | 5Alp CrB | 2.2210 | 11000. | 69 | 19876 | No |
| 207 | GOM_NL__2PRFIN20051218_160911_000000332043_00283_19876_9478.N1 | 18-DEC-2005 16:09:11 | Bright | 32.500 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 65 | 19876 | No |
| 208 | GOM_NL__2PRFIN20051218_161612_000000532043_00283_19876_9479.N1 | 18-DEC-2005 16:16:12 | Bright | 53.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 106 | 19876 | No |
| 209 | GOM_NL__2PRFIN20051218_162240_000000462043_00283_19876_9480.N1 | 18-DEC-2005 16:22:40 | Dark | 45.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 91 | 19876 | No |
| 210 | GOM_NL__2PRFIN20051218_162442_000000392043_00283_19876_9481.N1 | 18-DEC-2005 16:24:42 | Dark | 38.500 | 78 | Alp Lup | 2.3040 | 28000. | 77 | 19876 | No |
| 211 | GOM_NL__2PRFIN20051218_162814_000000522043_00283_19876_9482.N1 | 18-DEC-2005 16:28:14 | Dark | 52.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 104 | 19876 | No |
| 212 | GOM_NL__2PRFIN20051218_163121_000000442043_00284_19877_9462.N1 | 18-DEC-2005 16:31:21 | Dark | 43.500 | 12 | Alp1Cru | 0.77500 | 30000. | 87 | 19877 | No |
| 213 | GOM_NL__2PRFIN20051218_163657_000000382043_00284_19877_9463.N1 | 18-DEC-2005 16:36:57 | Dark | 37.500 | 29 | Bet Car | 1.6720 | 10200. | 75 | 19877 | No |
| 214 | GOM_NL__2PRFIN20051218_163935_000000452043_00284_19877_9464.N1 | 18-DEC-2005 16:39:35 | Dark | 45.000 | 41 | Eps Car | 1.8600 | 4100.0 | 90 | 19877 | No |
| 215 | GOM_NL__2PRFIN20051218_164422_000000512043_00284_19877_9465.N1 | 18-DEC-2005 16:44:22 | Dark | 51.000 | 2 | Alp Car | -0.73600 | 7000.0 | 102 | 19877 | No |
| 216 | GOM_NL__2PRFIN20051218_165019_000000412043_00284_19877_9466.N1 | 18-DEC-2005 16:50:19 | Straylight | 40.500 | 108 | Alp Col | 2.6520 | 15200. | 81 | 19877 | No |
| 217 | GOM_NL__2PRFIN20051218_165717_000000402043_00284_19877_9467.N1 | 18-DEC-2005 16:57:17 | Straylight | 40.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 80 | 19877 | No |
| 218 | GOM_NL__2PRFIN20051218_170531_000000452043_00284_19877_9468.N1 | 18-DEC-2005 17:05:31 | Twi_and_stray | 45.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 90 | 19877 | No |
| 219 | GOM_NL__2PRFIN20051218_170748_000000362043_00284_19877_9469.N1 | 18-DEC-2005 17:07:48 | Bright | 35.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 71 | 19877 | No |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 220 | GOM_NL__2PRFIN20051218_170956_000000352043_00284_19877_9470.N1 | 18-DEC-2005 17:09:56 | Bright | 35.000 | 150 | 44Zet Per | 2.8900 | 28000. | 70 | 19877 | No |
| 221 | GOM_NL__2PRFIN20051218_171211_000000352043_00284_19877_9471.N1 | 18-DEC-2005 17:12:11 | Bright | 35.000 | 149 | 45Eps Per | 2.8880 | 30000. | 70 | 19877 | No |
| 222 | GOM_NL__2PRFIN20051218_171424_000000342043_00284_19877_9472.N1 | 18-DEC-2005 17:14:24 | Bright | 33.500 | 175 | 39Del Per | 3.0100 | 19400. | 67 | 19877 | No |
| 223 | GOM_NL__2PRFIN20051218_171614_000000342043_00284_19877_9473.N1 | 18-DEC-2005 17:16:14 | Bright | 34.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 68 | 19877 | No |
| 224 | GOM_NL__2PRFIN20051218_172605_000000372043_00284_19877_9474.N1 | 18-DEC-2005 17:26:05 | Bright | 37.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 74 | 19877 | No |
| 225 | GOM_NL__2PRFIN20051218_173046_000000382043_00284_19877_9475.N1 | 18-DEC-2005 17:30:46 | Bright | 38.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 76 | 19877 | No |
| 226 | GOM_NL__2PRFIN20051218_173408_000000332043_00284_19877_9476.N1 | 18-DEC-2005 17:34:08 | Bright | 32.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 65 | 19877 | No |
| 227 | GOM_NL__2PRFIN20051218_174415_000000342043_00284_19877_9477.N1 | 18-DEC-2005 17:44:15 | Bright | 34.000 | 67 | 5Alp CrB | 2.2210 | 11000. | 68 | 19877 | No |
| 228 | GOM_NL__2PRFIN20051218_174948_000000332043_00284_19877_9478.N1 | 18-DEC-2005 17:49:48 | Bright | 33.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 66 | 19877 | No |
| 229 | GOM_NL__2PRFIN20051218_175648_000000532043_00284_19877_9479.N1 | 18-DEC-2005 17:56:48 | Bright | 53.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 106 | 19877 | No |
| 230 | GOM_NL__2PRFIN20051218_180317_000000412043_00284_19877_9480.N1 | 18-DEC-2005 18:03:17 | Dark | 40.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 81 | 19877 | No |
| 231 | GOM_NL__2PRFIN20051218_180518_000000402043_00284_19877_9481.N1 | 18-DEC-2005 18:05:18 | Dark | 40.000 | 78 | Alp Lup | 2.3040 | 28000. | 80 | 19877 | No |
| 232 | GOM_NL__2PRFIN20051218_180850_000000442043_00284_19877_9482.N1 | 18-DEC-2005 18:08:50 | Dark | 43.500 | 4 | Alp1Cen | -0.010000 | 5800.0 | 87 | 19877 | No |
| 233 | GOM_NL__2PRFIN20051218_213310_000000422043_00287_19880_9463.N1 | 18-DEC-2005 21:33:10 | Dark | 41.500 | 12 | Alp1Cru | 0.77500 | 30000. | 83 | 19880 | No |
| 234 | GOM_NL__2PRFIN20051218_213846_000000452043_00287_19880_9464.N1 | 18-DEC-2005 21:38:46 | Dark | 45.000 | 29 | Bet Car | 1.6720 | 10200. | 90 | 19880 | No |
| 235 | GOM_NL__2PRFIN20051218_214124_000000502043_00287_19880_9465.N1 | 18-DEC-2005 21:41:24 | Dark | 49.500 | 41 | Eps Car | 1.8600 | 4100.0 | 99 | 19880 | No |
| 236 | GOM_NL__2PRFIN20051218_214611_000000542043_00287_19880_9466.N1 | 18-DEC-2005 21:46:11 | Dark | 54.000 | 2 | Alp Car | -0.73600 | 7000.0 | 108 | 19880 | No |
| 237 | GOM_NL__2PRFIN20051218_215208_000000402043_00287_19880_9467.N1 | 18-DEC-2005 21:52:08 | Straylight | 40.000 | 108 | Alp Col | 2.6520 | 15200. | 80 | 19880 | No |
| 238 | GOM_NL__2PRFIN20051218_215905_000000422043_00287_19880_9468.N1 | 18-DEC-2005 21:59:05 | Straylight | 42.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 84 | 19880 | No |
| 239 | GOM_NL__2PRFIN20051218_220719_000000532043_00287_19880_9469.N1 | 18-DEC-2005 22:07:19 | Twi_and_stray | 52.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 105 | 19880 | No |
| 240 | GOM_NL__2PRFIN20051218_220936_000000372043_00287_19880_9470.N1 | 18-DEC-2005 22:09:36 | Bright | 36.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 73 | 19880 | No |
| 241 | GOM_NL__2PRFIN20051218_221143_000000362043_00287_19880_9471.N1 | 18-DEC-2005 22:11:43 | Bright | 35.500 | 150 | 44Zet Per | 2.8900 | 28000. | 71 | 19880 | No |
| 242 | GOM_NL__2PRFIN20051218_221359_000000342043_00287_19880_9472.N1 | 18-DEC-2005 22:13:59 | Bright | 34.000 | 149 | 45Eps Per | 2.8880 | 30000. | 68 | 19880 | No |
| 243 | GOM_NL__2PRFIN20051218_221612_000000342043_00287_19880_9473.N1 | 18-DEC-2005 22:16:12 | Bright | 34.000 | 175 | 39Del Per | 3.0100 | 19400. | 68 | 19880 | No |
| 244 | GOM_NL__2PRFIN20051218_221802_000000352043_00287_19880_9474.N1 | 18-DEC-2005 22:18:02 | Bright | 35.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 70 | 19880 | No |
| 245 | GOM_NL__2PRFIN20051218_222753_000000342043_00287_19880_9475.N1 | 18-DEC-2005 22:27:53 | Bright | 34.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 68 | 19880 | No |
| 246 | GOM_NL__2PRFIN20051218_223234_000000372043_00287_19880_9476.N1 | 18-DEC-2005 22:32:34 | Bright | 37.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 74 | 19880 | No |
| 247 | GOM_NL__2PRFIN20051218_223556_000000362043_00287_19880_9477.N1 | 18-DEC-2005 22:35:56 | Bright | 35.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 71 | 19880 | No |
| 248 | GOM_NL__2PRFIN20051218_224603_000000352043_00287_19880_9478.N1 | 18-DEC-2005 22:46:03 | Bright | 34.500 | 67 | 5Alp CrB | 2.2210 | 11000. | 69 | 19880 | No |
| 249 | GOM_NL__2PRFIN20051218_225136_000000332043_00287_19880_9479.N1 | 18-DEC-2005 22:51:36 | Bright | 33.000 | 102 | 24Alp Ser | 2.6000 | 4250.0 | 66 | 19880 | No |
| 250 | GOM_NL__2PRFIN20051218_225837_000000362043_00287_19880_9480.N1 | 18-DEC-2005 22:58:37 | Bright | 36.000 | 122 | 9Alp2Lib | 2.7470 | 9700.0 | 72 | 19880 | No |
| 251 | GOM_NL__2PRFIN20051218_230506_000000442043_00287_19880_9481.N1 | 18-DEC-2005 23:05:06 | Dark | 43.500 | 54 | 5The Cen | 2.0550 | 4500.0 | 87 | 19880 | No |
| 252 | GOM_NL__2PRFIN20051218_230706_000000372043_00287_19880_9482.N1 | 18-DEC-2005 23:07:06 | Dark | 36.500 | 78 | Alp Lup | 2.3040 | 28000. | 73 | 19880 | No |
| 253 | GOM_NL__2PRFIN20051218_231038_000000522043_00287_19880_9483.N1 | 18-DEC-2005 23:10:38 | Dark | 52.000 | 4 | Alp1Cen | -0.010000 | 5800.0 | 104 | 19880 | No |
| 254 | GOM_NL__2PRFIN20051218_231346_000000392043_00288_19881_9463.N1 | 18-DEC-2005 23:13:46 | Dark | 39.000 | 12 | Alp1Cru | 0.77500 | 30000. | 78 | 19881 | No |
| 255 | GOM_NL__2PRFIN20051218_231923_000000392043_00288_19881_9464.N1 | 18-DEC-2005 23:19:23 | Dark | 38.500 | 29 | Bet Car | 1.6720 | 10200. | 77 | 19881 | No |
| 256 | GOM_NL__2PRFIN20051218_232201_000000452043_00288_19881_9465.N1 | 18-DEC-2005 23:22:01 | Dark | 45.000 | 41 | Eps Car | 1.8600 | 4100.0 | 90 | 19881 | No |
| 257 | GOM_NL__2PRFIN20051218_232647_000000532043_00288_19881_9466.N1 | 18-DEC-2005 23:26:47 | Dark | 53.000 | 2 | Alp Car | -0.73600 | 7000.0 | 106 | 19881 | No |
| 258 | GOM_NL__2PRFIN20051218_233244_000000402043_00288_19881_9467.N1 | 18-DEC-2005 23:32:44 | Straylight | 40.000 | 108 | Alp Col | 2.6520 | 15200. | 80 | 19881 | No |
| 259 | GOM_NL__2PRFIN20051218_233941_000000452043_00288_19881_9468.N1 | 18-DEC-2005 23:39:41 | Straylight | 44.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 89 | 19881 | No |
| 260 | GOM_NL__2PRFIN20051218_234755_000000532043_00288_19881_9469.N1 | 18-DEC-2005 23:47:55 | Twi_and_stray | 53.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 106 | 19881 | No |
| 261 | GOM_NL__2PRFIN20051218_235012_000000362043_00288_19881_9470.N1 | 18-DEC-2005 23:50:12 | Bright | 35.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 71 | 19881 | No |
| 262 | GOM_NL__2PRFIN20051218_235219_000000362043_00288_19881_9471.N1 | 18-DEC-2005 23:52:19 | Bright | 36.000 | 150 | 44Zet Per | 2.8900 | 28000. | 72 | 19881 | No |
| 263 | GOM_NL__2PRFIN20051218_235435_000000352043_00288_19881_9472.N1 | 18-DEC-2005 23:54:35 | Bright | 34.500 | 149 | 45Eps Per | 2.8880 | 30000. | 69 | 19881 | No |
| 264 | GOM_NL__2PRFIN20051218_235648_000000342043_00288_19881_9473.N1 | 18-DEC-2005 23:56:48 | Bright | 33.500 | 175 | 39Del Per | 3.0100 | 19400. | 67 | 19881 | No |
| 265 | GOM_NL__2PRFIN20051218_235838_000000352043_00288_19881_9474.N1 | 18-DEC-2005 23:58:38 | Bright | 35.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 70 | 19881 | No |

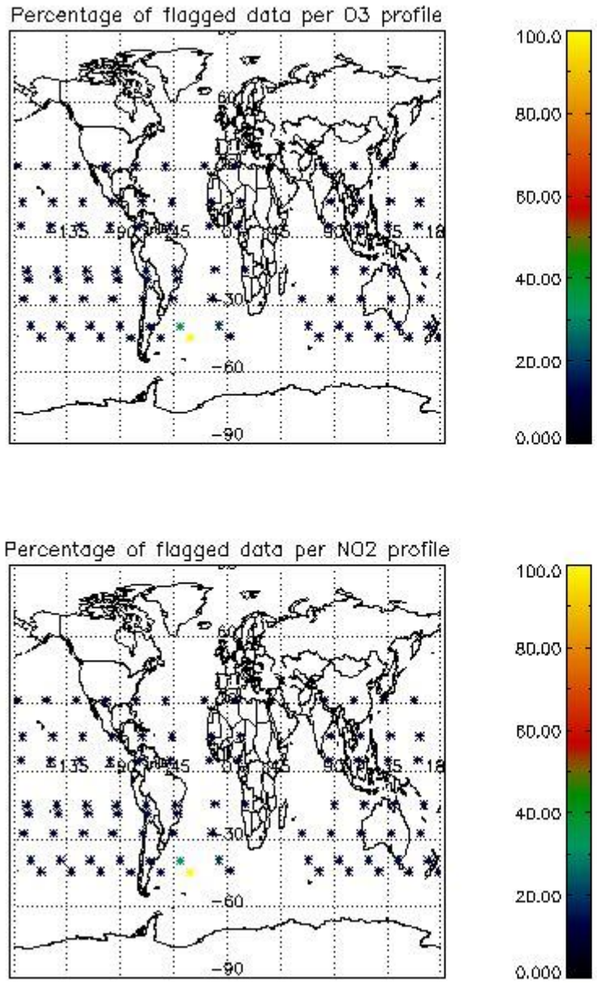
## *3. Quality information per product*

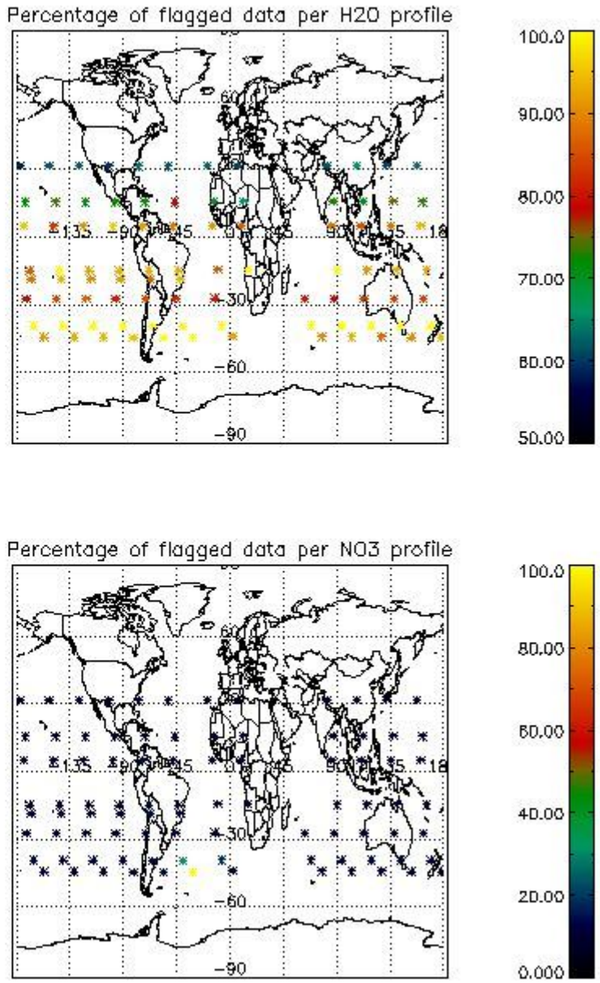
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

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




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







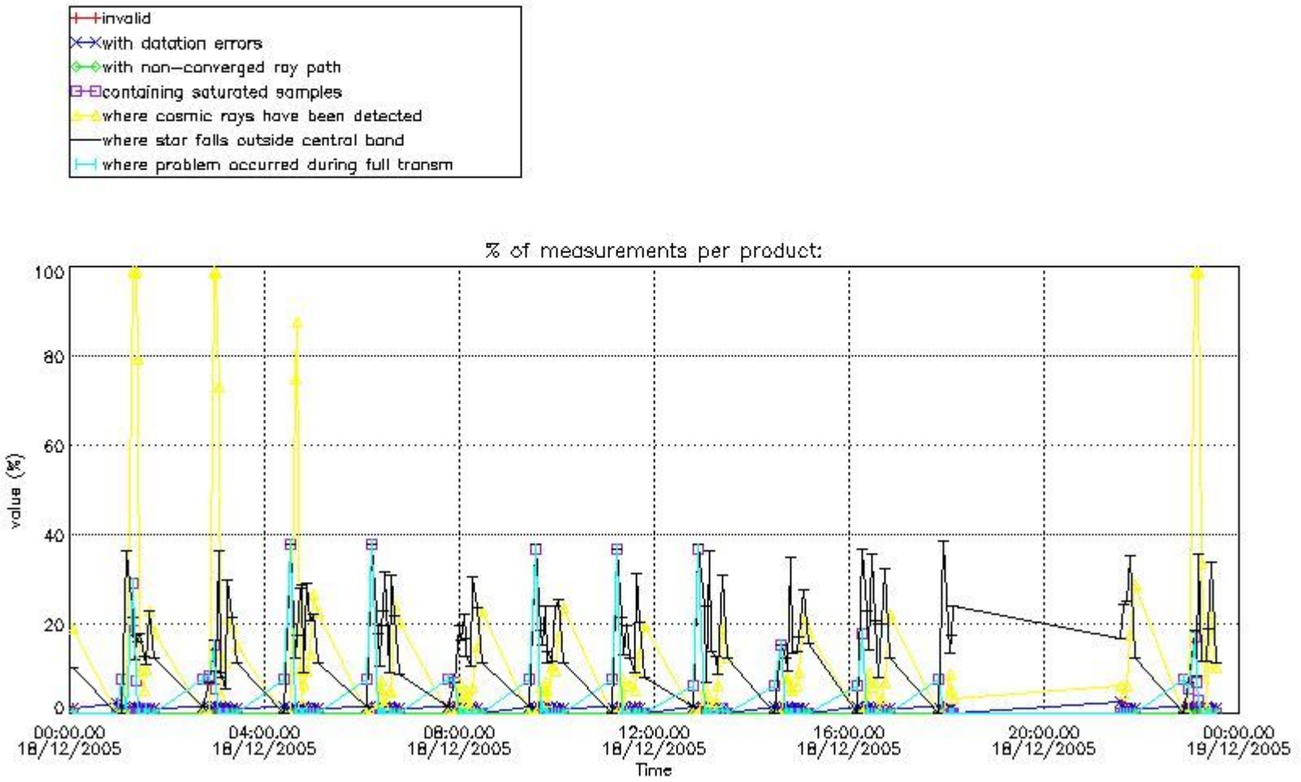



## *4. Level 1 quality information per product*

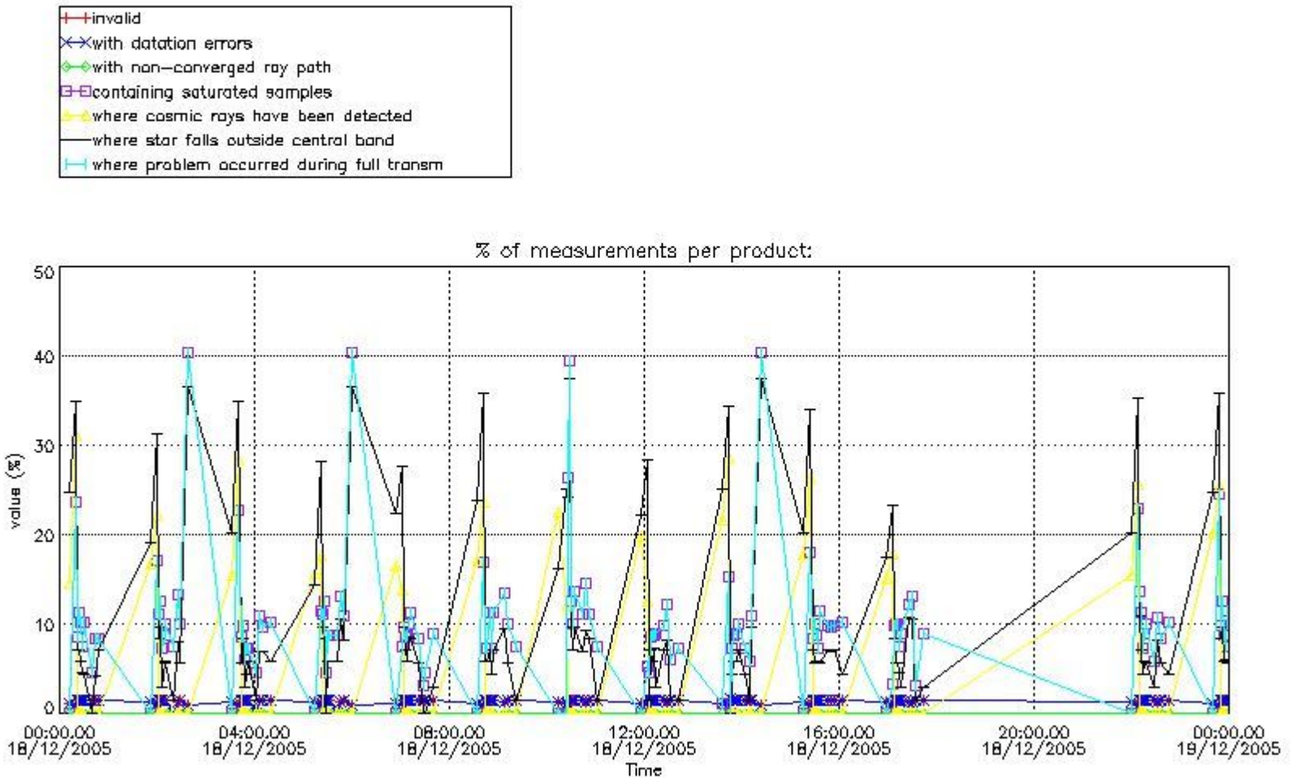
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processsing. Products without errors (error flag in the MPH set to "0") are used.

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

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

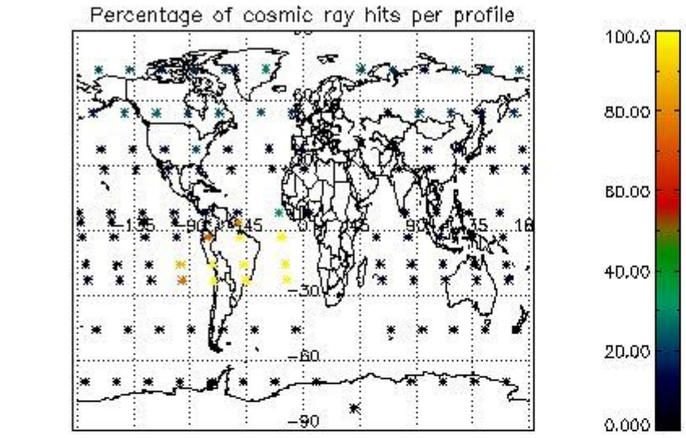


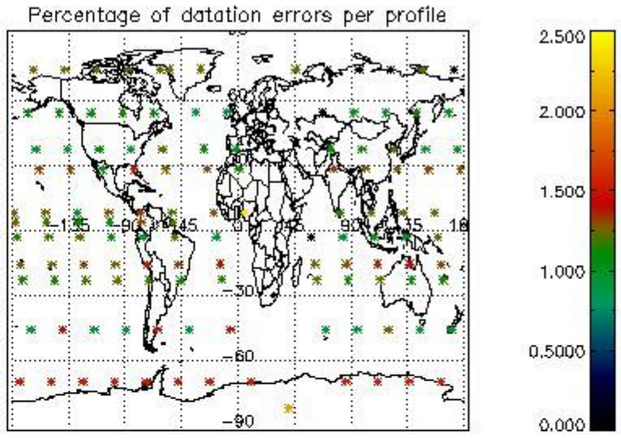

*4.1.2 Plot level 1 quality information per product (time dependant): ENVISAT DESCENDING passes*

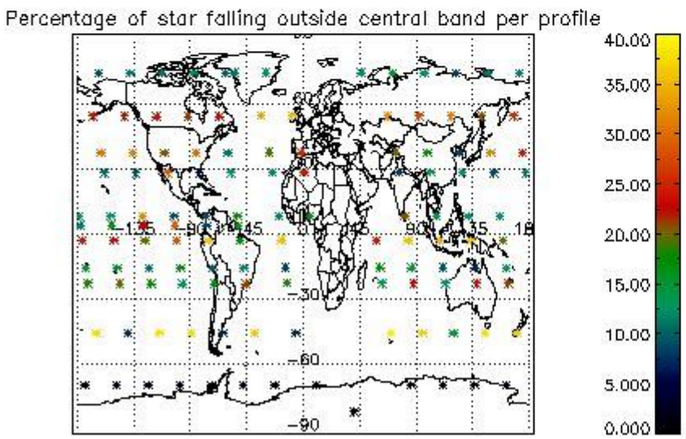


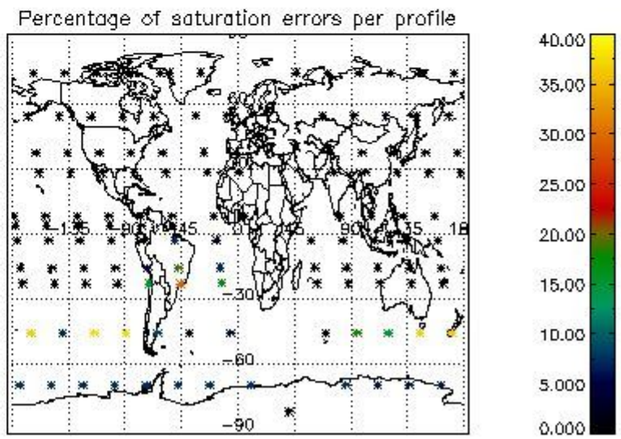

*4.2 Plot quality information per product comming from level 1b processing (world map)*

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

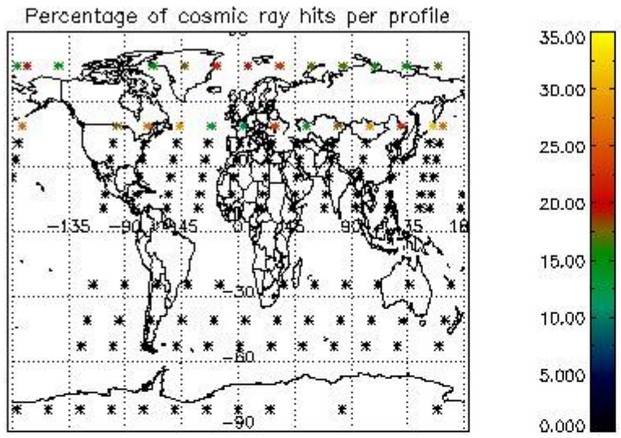


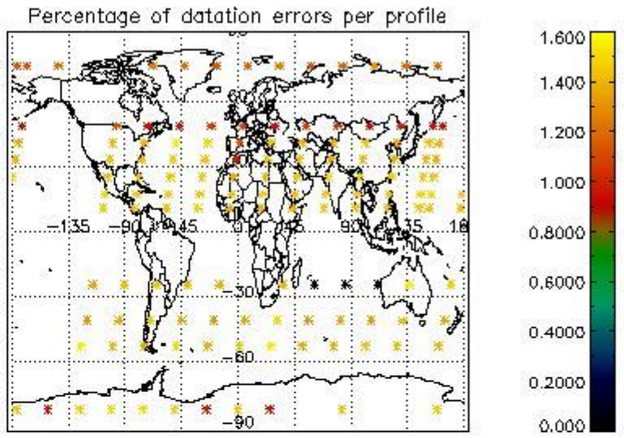



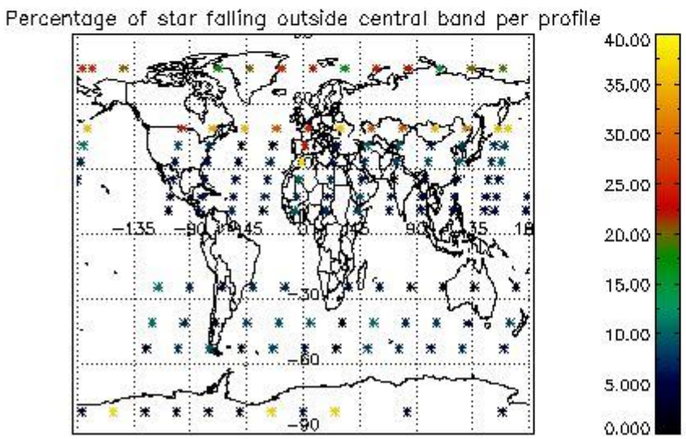



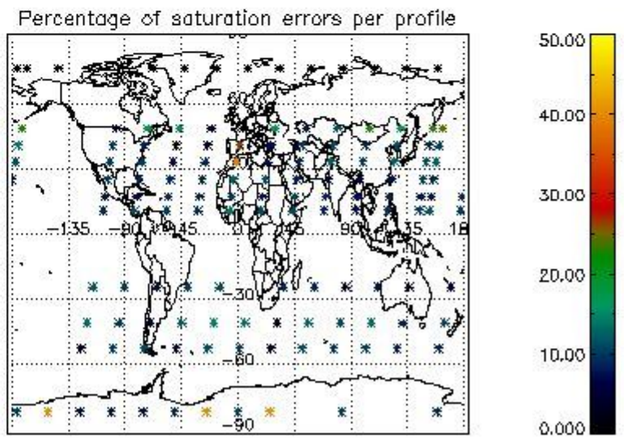




*4.2.2 Plot level 1 quality information per product (world map): ENVISAT DESCENDING passes*




## *5. Trace gas profiles*

### *5.1 Ozone statistics based on quality of products*

The final quality of the products can be "measured" using the STD (Standard Deviation) attached to every point profile.
This information is written to the parameter GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/o3_std of the level 2 products. The table below shows the statistics for given STD ranges.

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

- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
- Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

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

- Products in dark limb illumination condition: GOM_NL__2P/NL_SUMMARY_QUALITY/obs_ill_cond=0
- Products without fatal errors: GOM_NL__2P/MPH/PRODUCT_ERR=0
    - Valid point profile: GOM_NL__2P/NL_LOCAL_SPECIES_DENSITY/pcd(0)=0

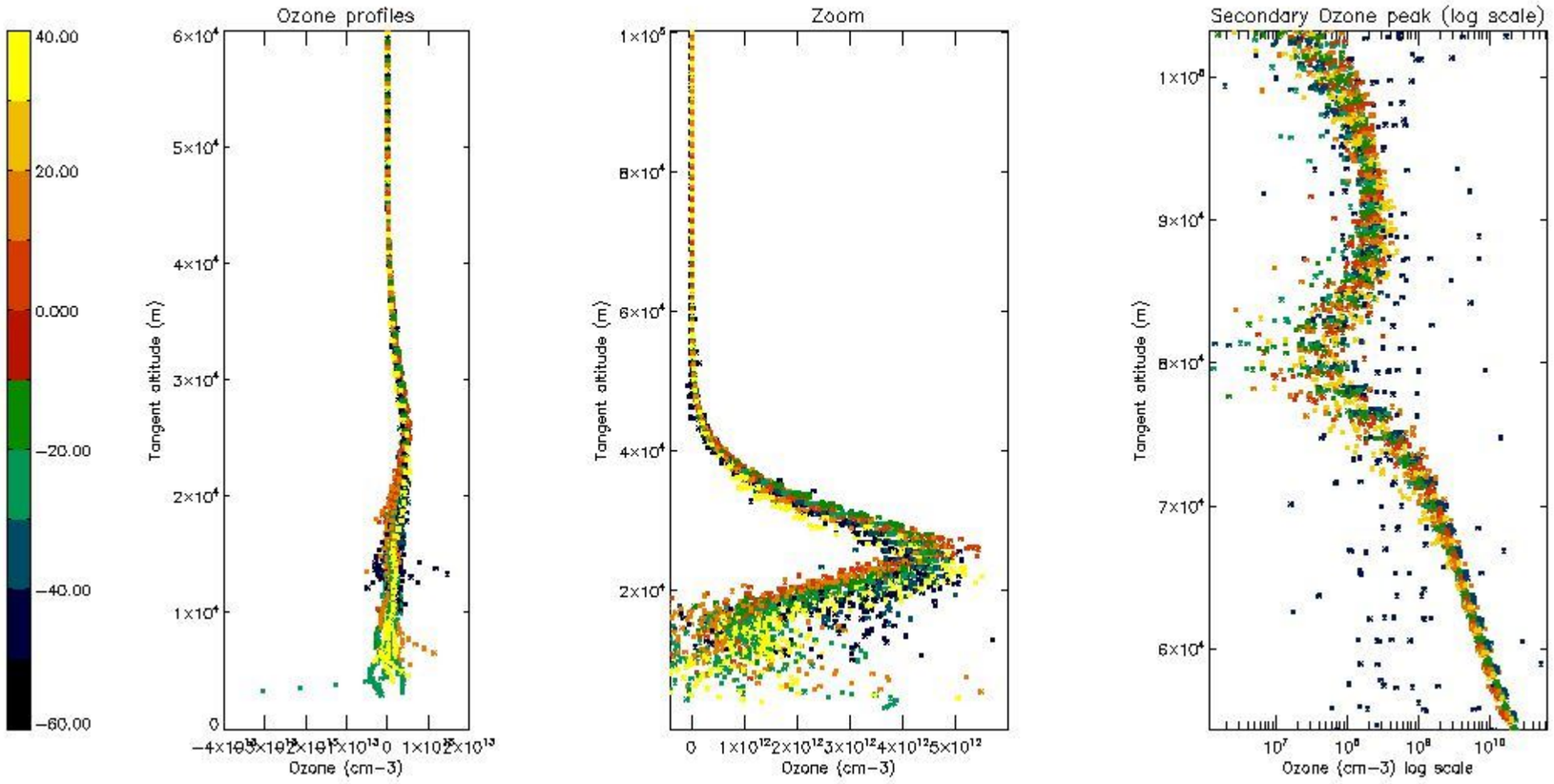
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|---|---|
| All STD | 38 |
| STD < 20 | 22 |

| | |
|---|---|
| STD < 10 | 19 |
| STD < 5 | 13 |

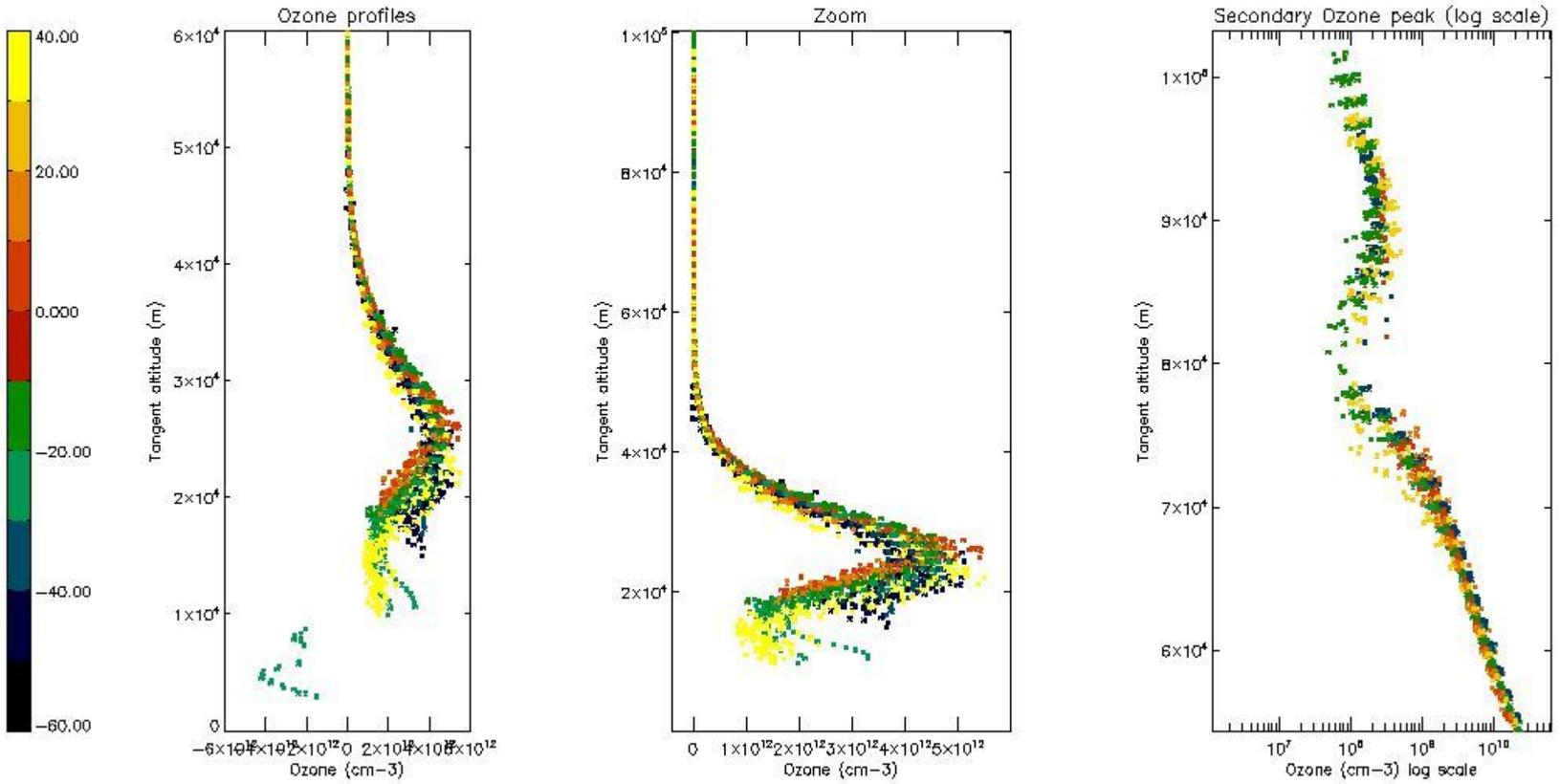
### *5.2 Plot ozone profiles for all STD (dark without errors)*

The colorbar represents the latitude.



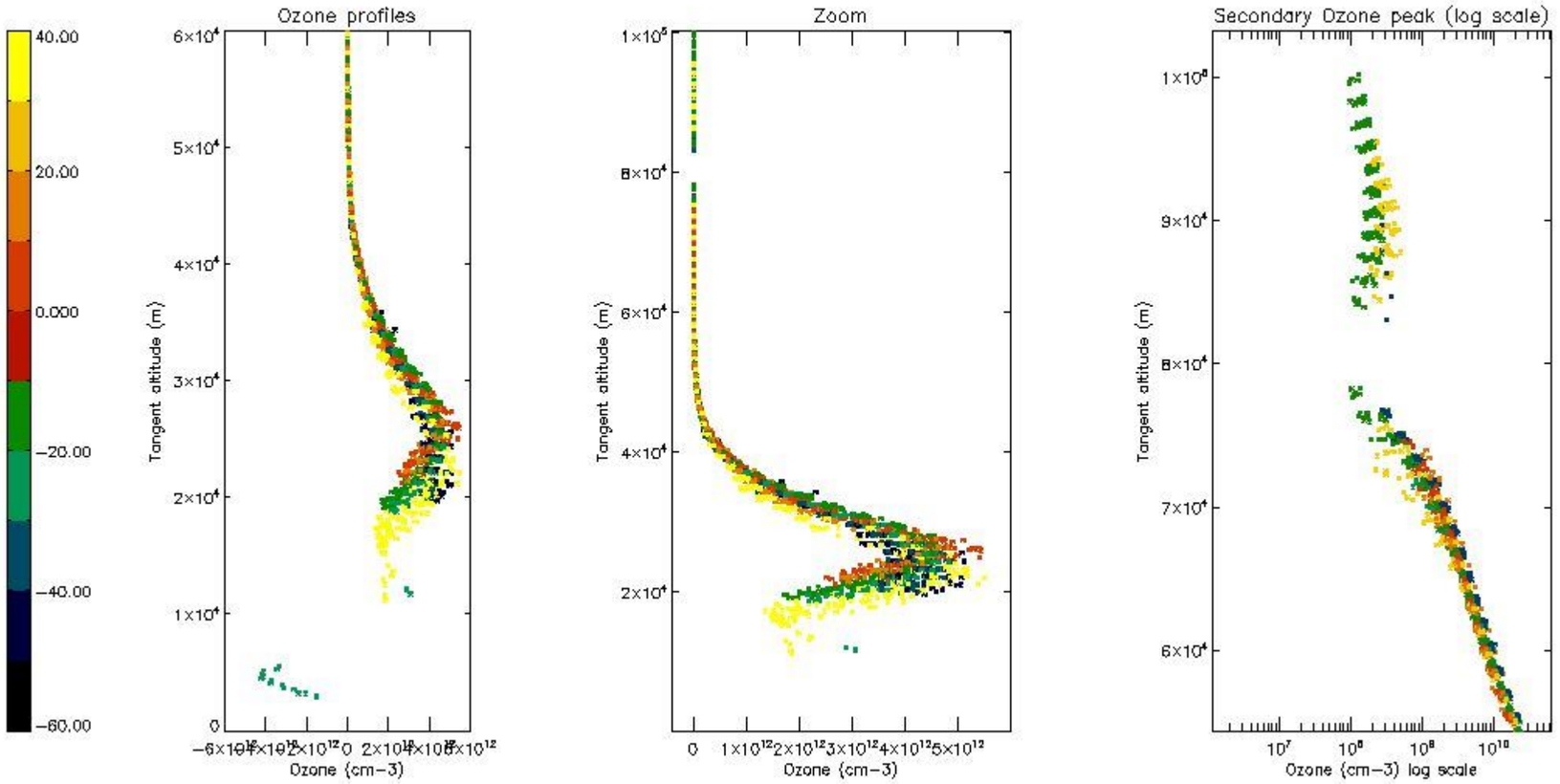

### *5.3 Plot ozone profiles where STD < 20% (dark without errors)*

The colorbar represents the latitude.



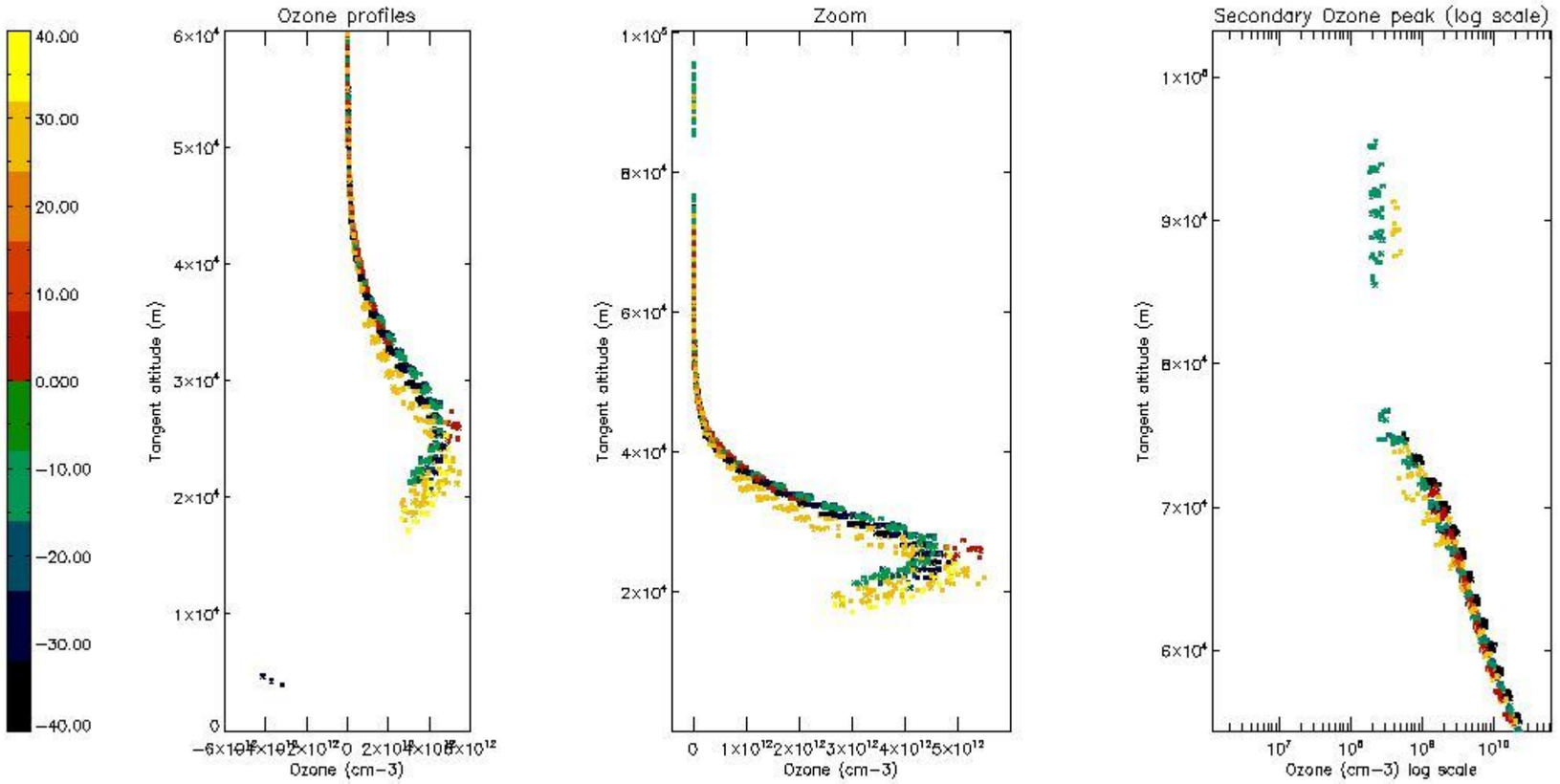

### *5.4 Plot ozone profiles where STD < 10% (dark without errors)*

The colorbar represents the latitude.



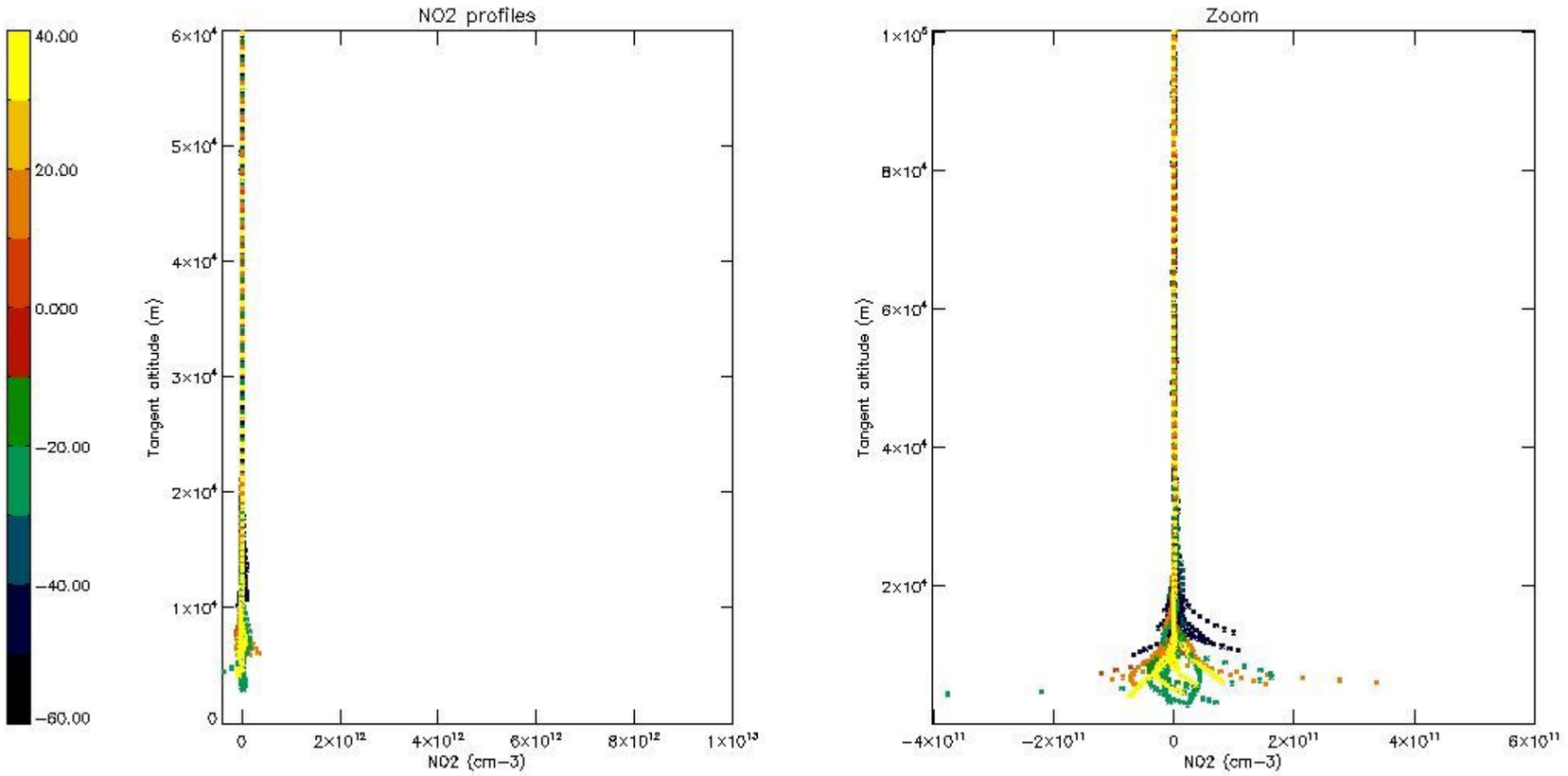

### *5.5 Plot ozone profiles where STD < 5% (dark without errors)*

The colorbar represents the latitude.



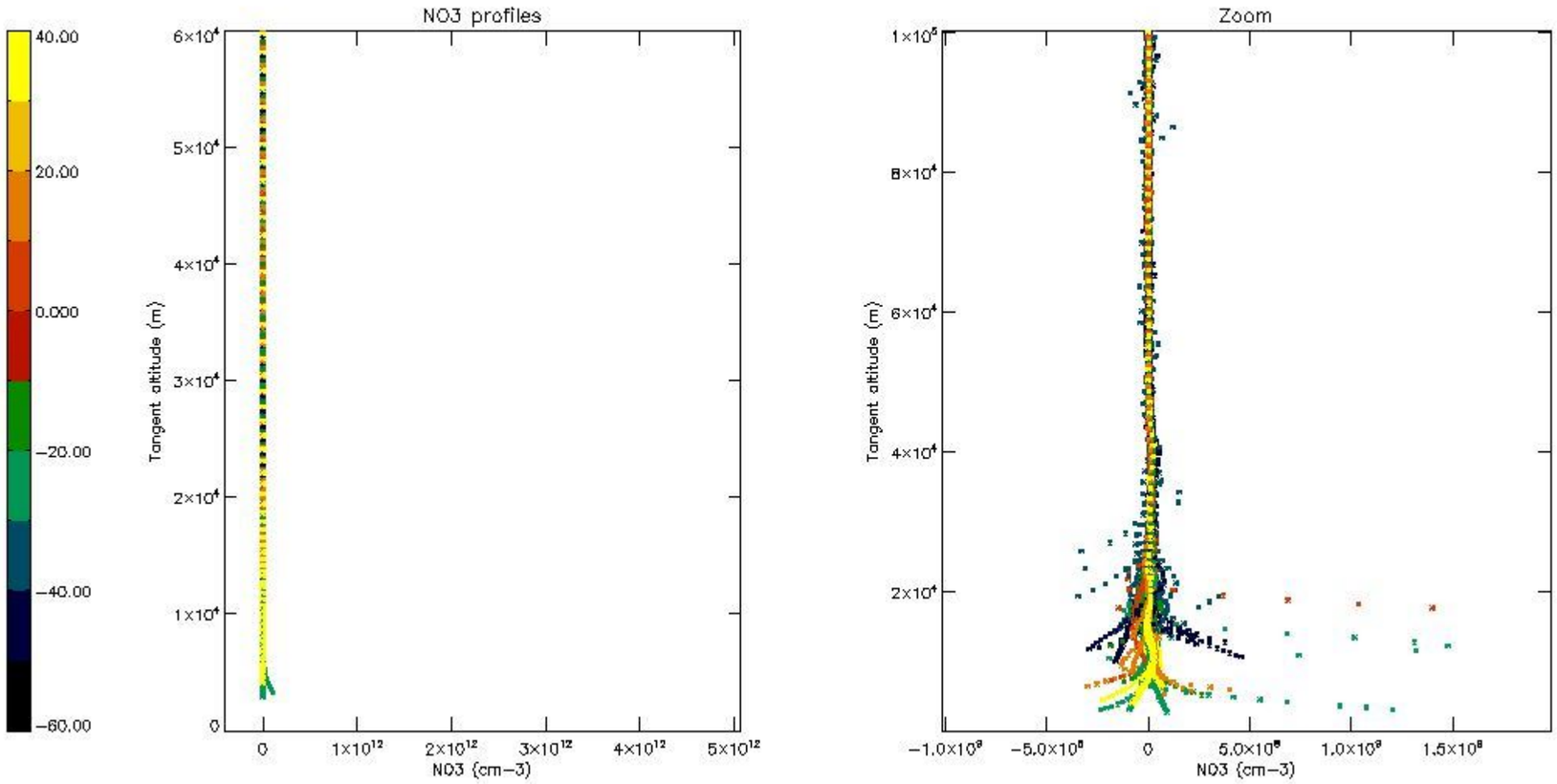

### *5.6 Plot NO2 profiles for all STD (dark without errors)*

The colorbar represents the latitude.



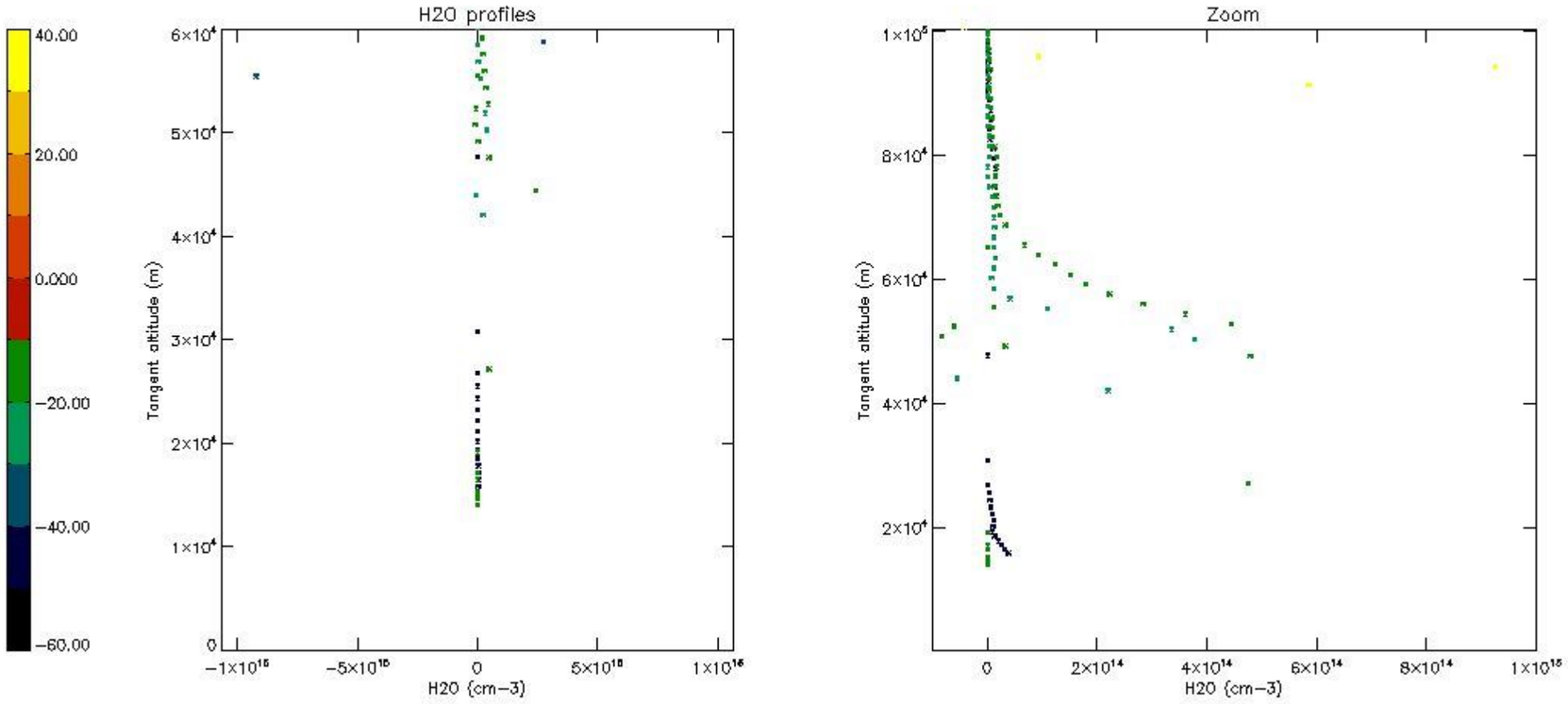

## *5.7 Plot NO3 profiles for all STD (dark without errors)*

The colorbar represents the latitude.




## *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)*

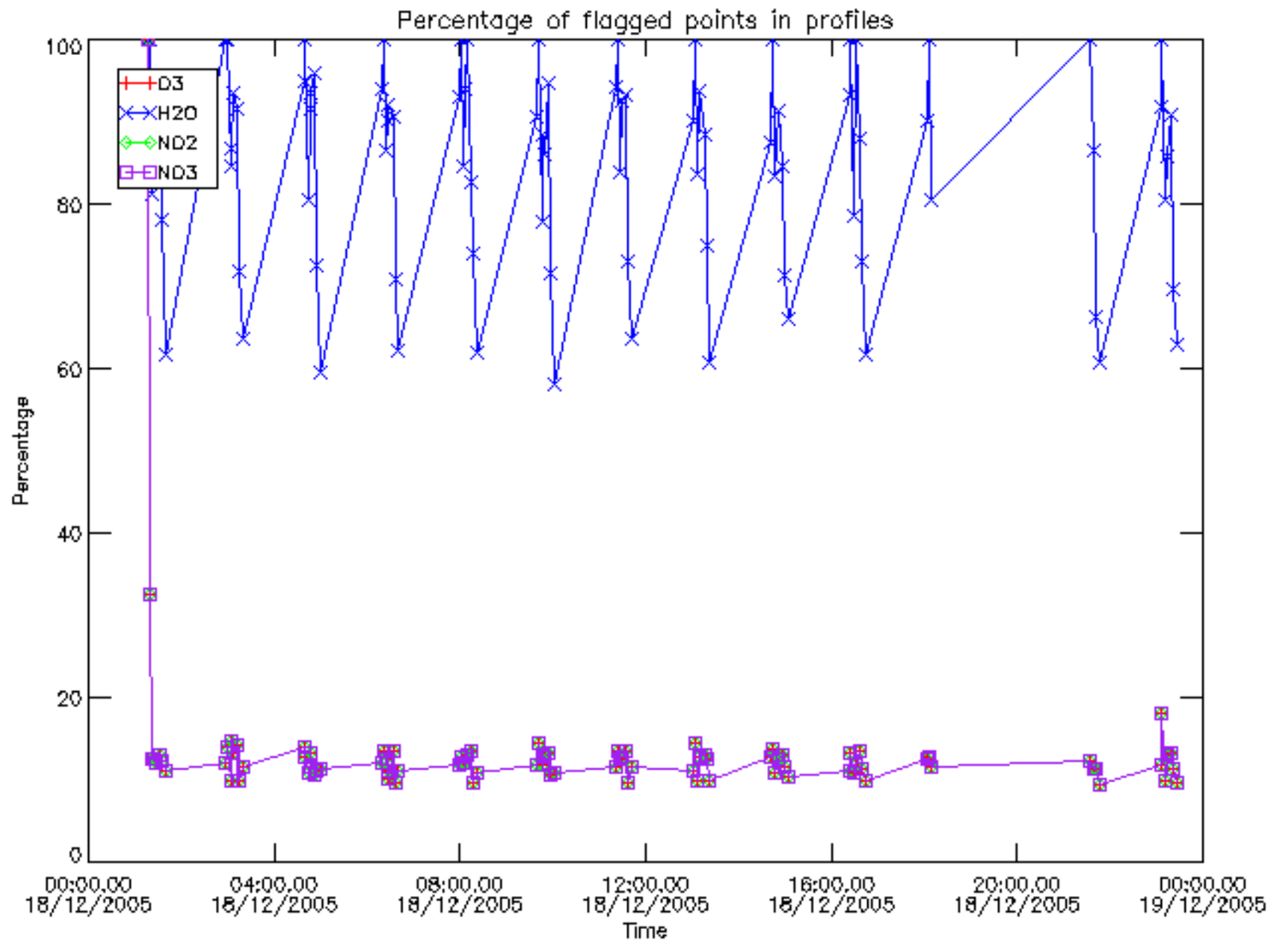
The colorbar represents the latitude.

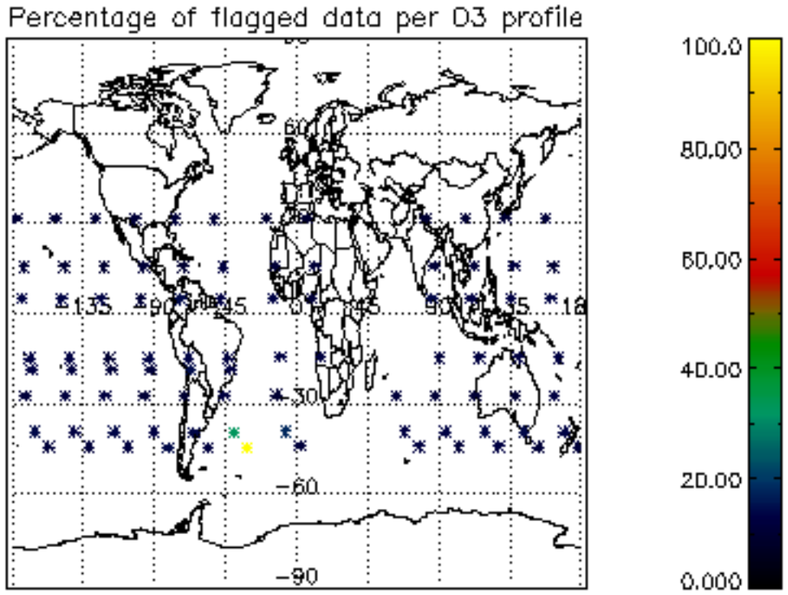


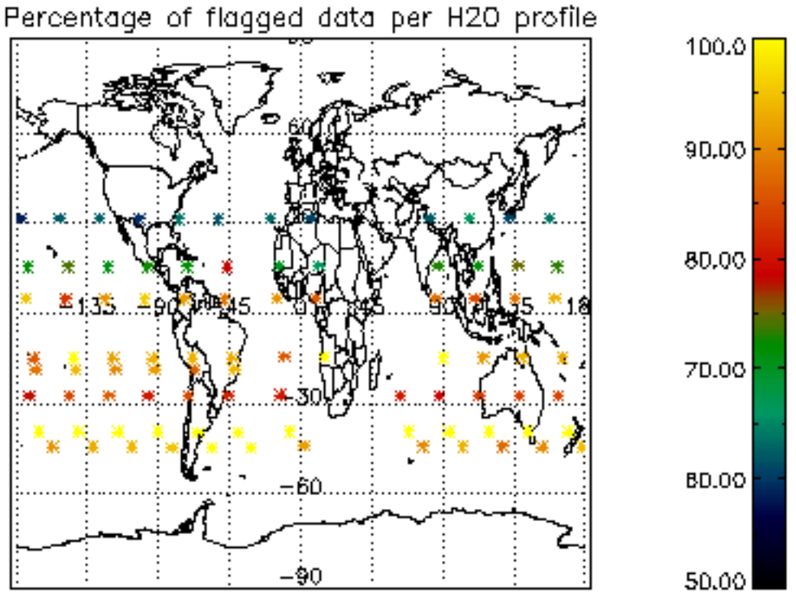

## 6. Auxiliary Data Files used for the production reported in section 2

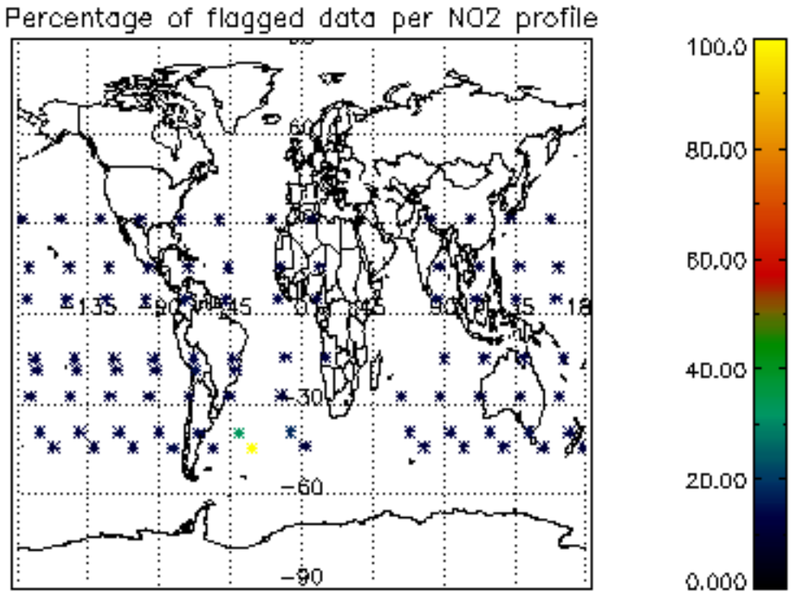
The number reported in the third column indicates since which file (see list in section 2) the corresponding auxiliary file has been used. The fourth column is the date of those product files.

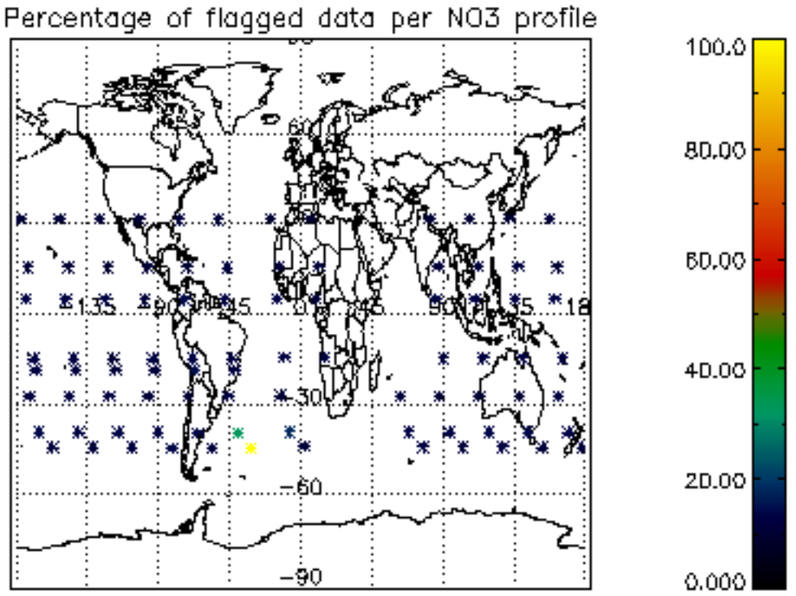
| Type | Auxiliary Filename | Used since product | Used since product date |
|---|---|---|---|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1 | 18-DEC-2005 00:04:17 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 18-DEC-2005 00:04:17 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 18-DEC-2005 00:04:17 |

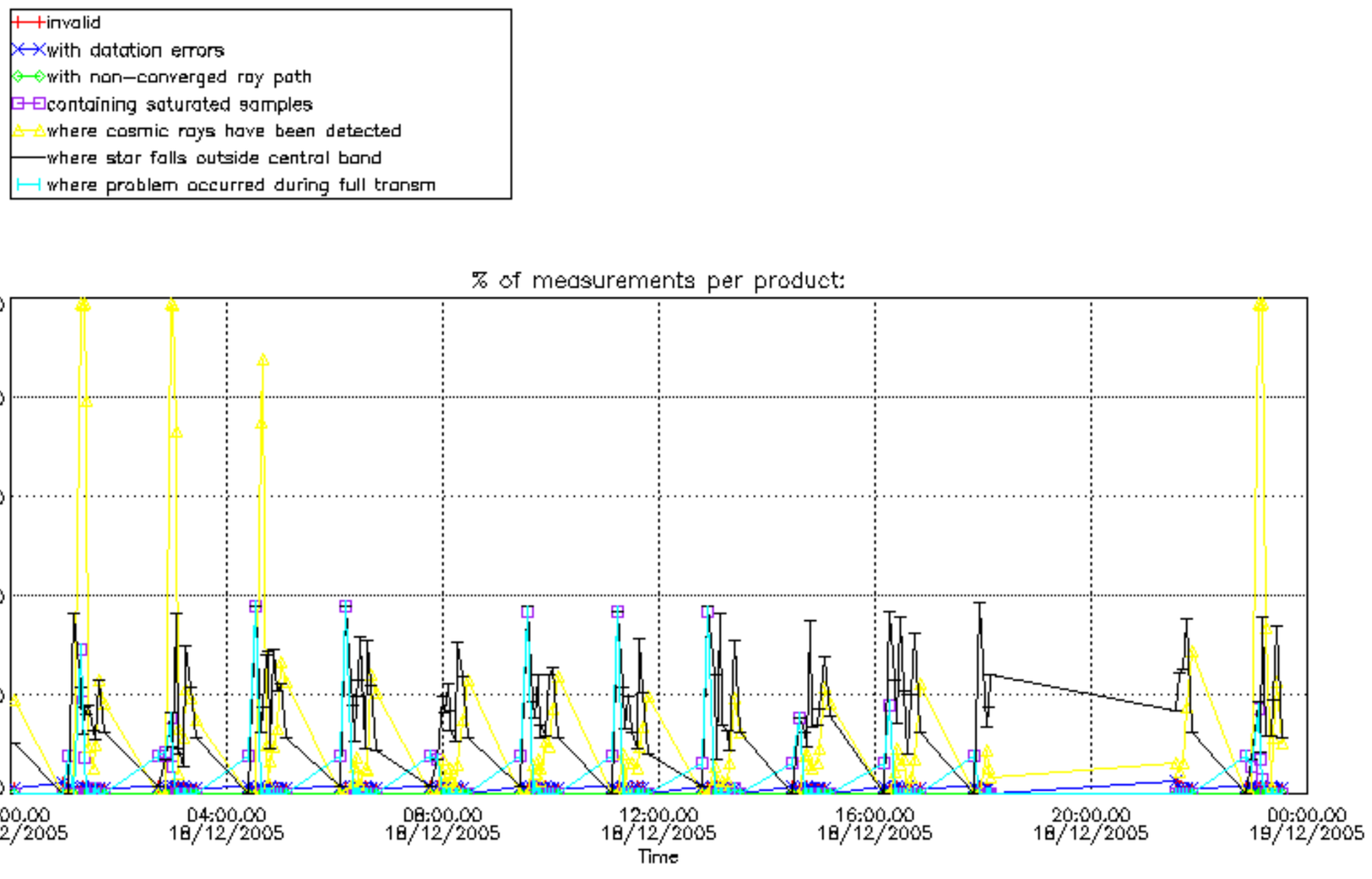

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
18/12/2005
04:00.00
18/12/2005
08:00.00
18/12/2005
12:00.00
18/12/2005
16:00.00
18/12/2005
20:00.00
18/12/2005
00:00.00
19/12/2005
Time

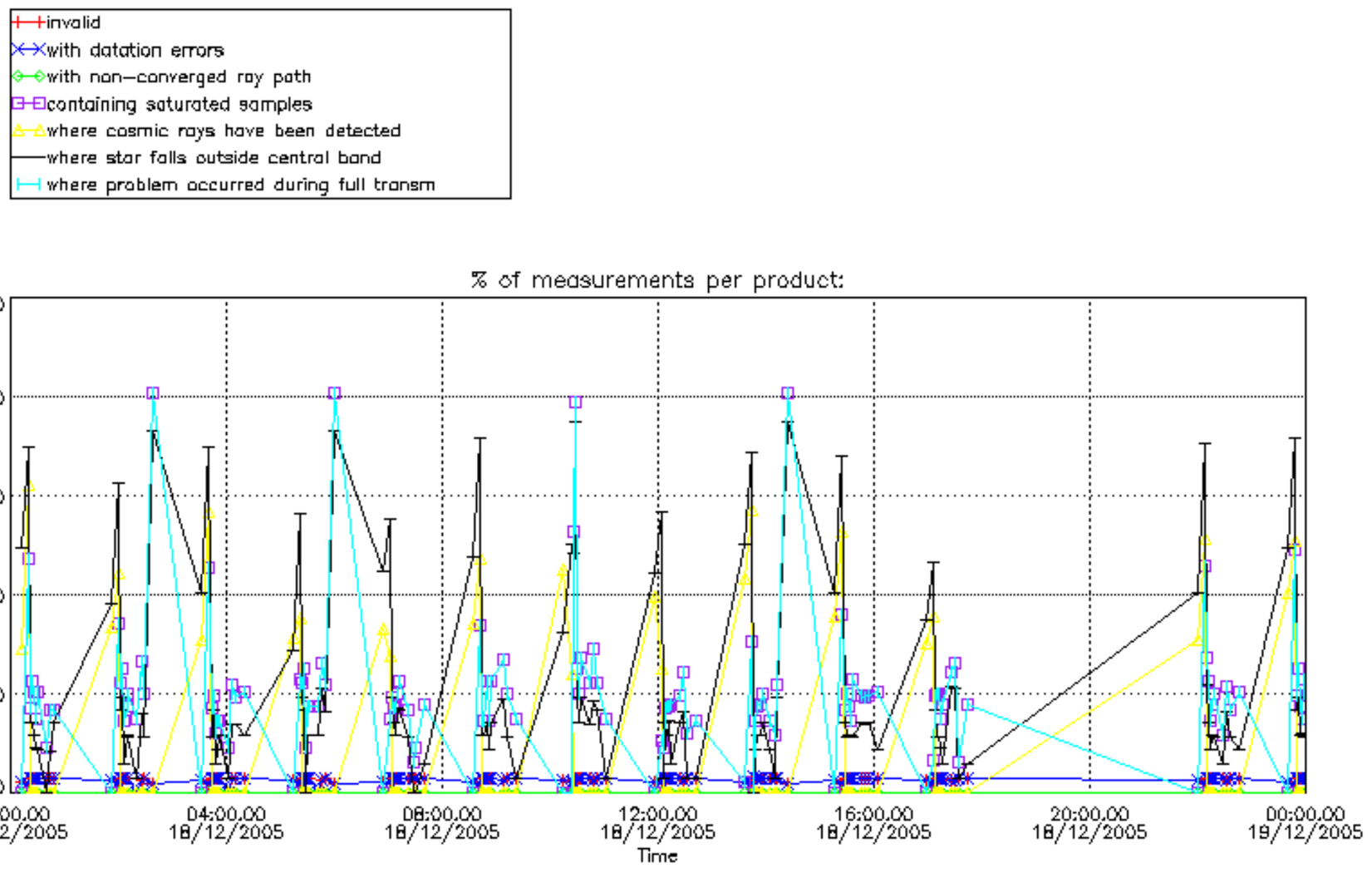

Percentage of flagged data per O3 profile
100.0
80.00
60.00
40.00
20.00
0.000
60
-30
-60
-90

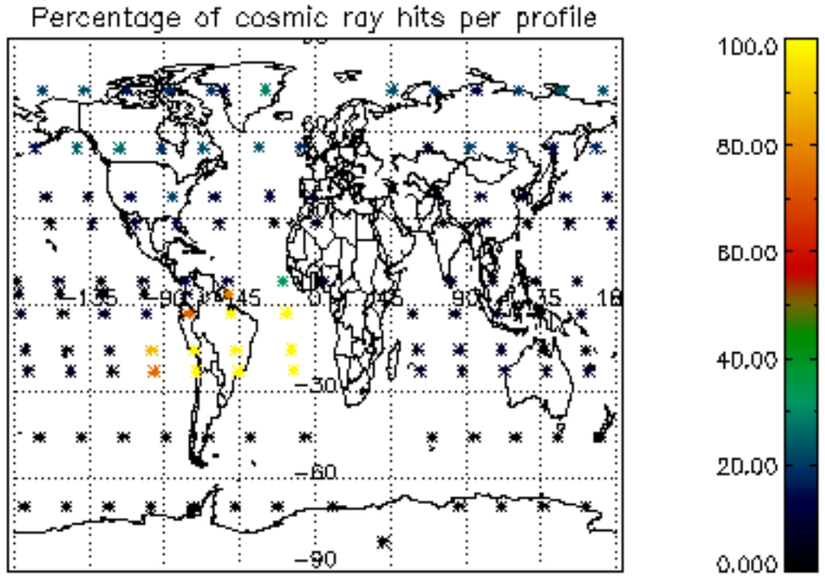

Percentage of flagged data per H2O profile
100.0
90.00
80.00
70.00
60.00
50.00
60
-30
-60
-90

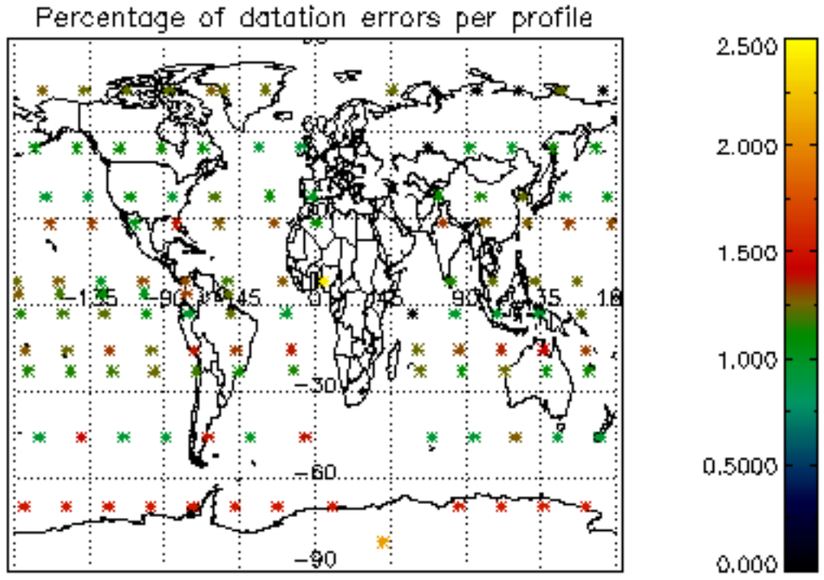

Percentage of flagged data per NO2 profile
100.0
80.00
60.00
40.00
20.00
0.000
60
-30
-60
-90

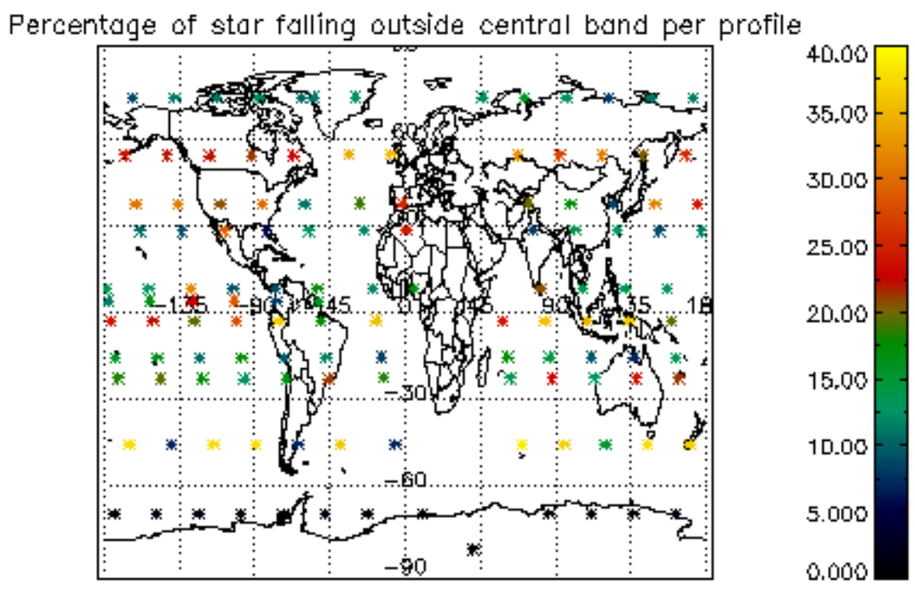

Percentage of flagged data per NO3 profile
100.0
80.00
60.00
40.00
20.00
0.000
60
-30
-60
-90

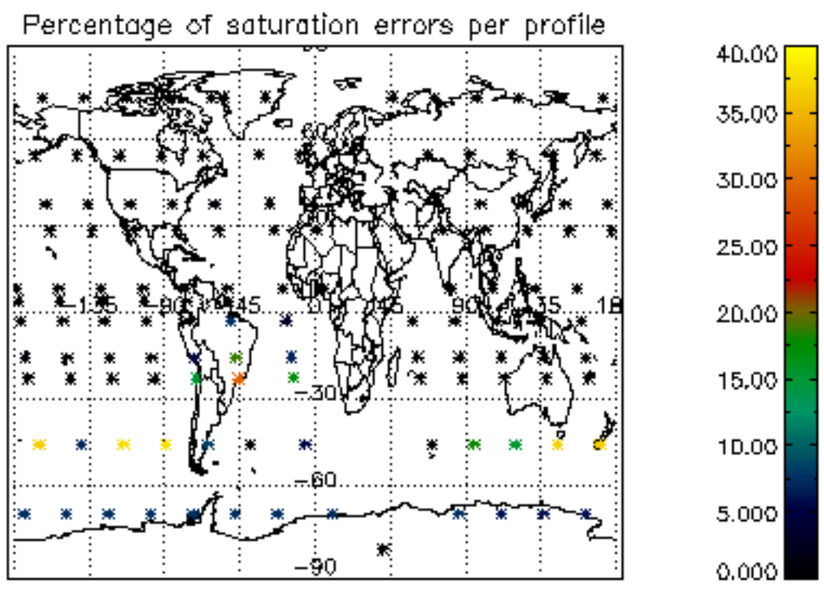

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00 18/12/2005
04:00.00 18/12/2005
08:00.00 18/12/2005
12:00.00 18/12/2005
16:00.00 18/12/2005
20:00.00 18/12/2005
00:00.00 19/12/2005
Time

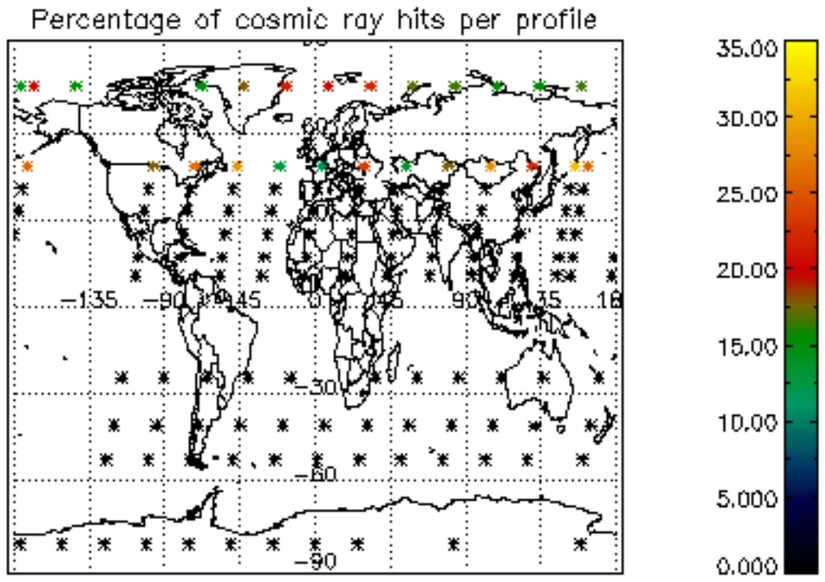

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
50
40
30
20
10
0
value (%)
00:00.00
18/12/2005
04:00.00
18/12/2005
08:00.00
18/12/2005
12:00.00
18/12/2005
16:00.00
18/12/2005
20:00.00
18/12/2005
00:00.00
19/12/2005
Time

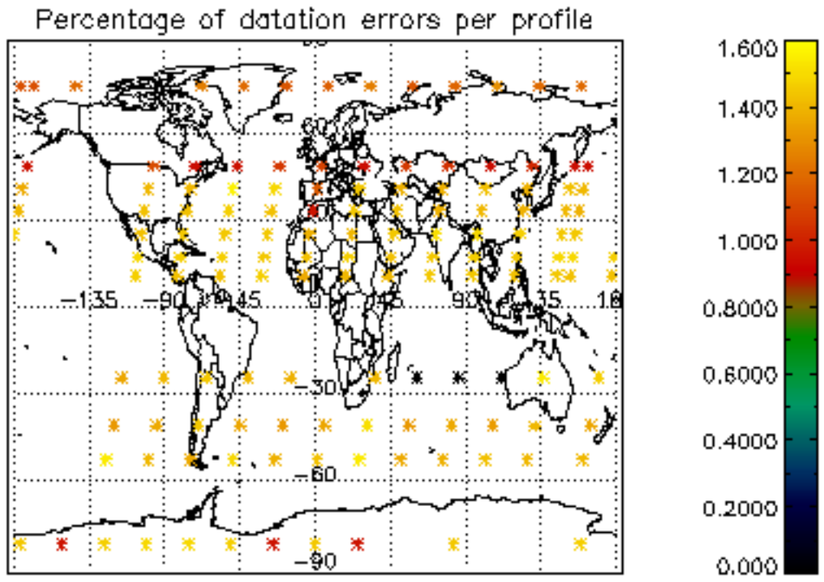

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
-30
-60
-90

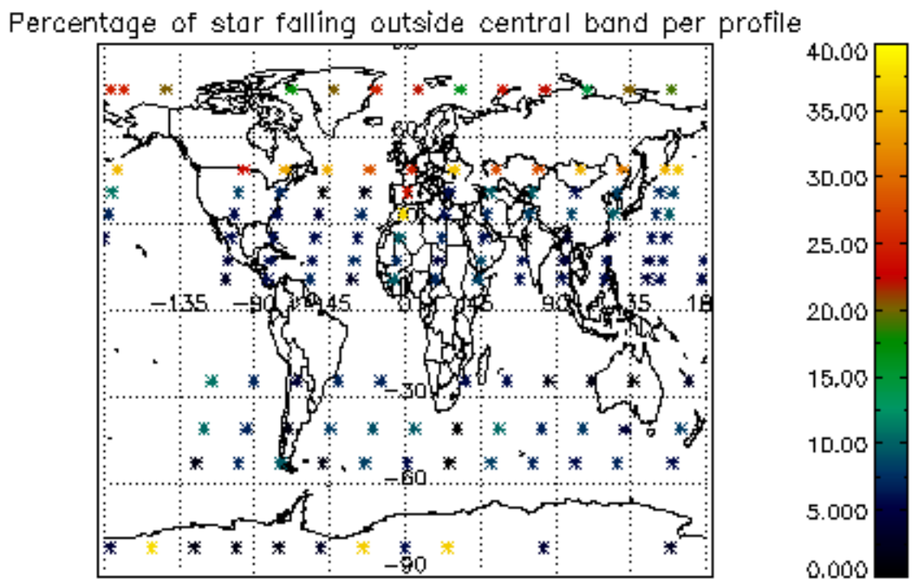

Percentage of datation errors per profile
2.500
2.000
1.500
1.000
0.5000
0.000
-30
-60
-90

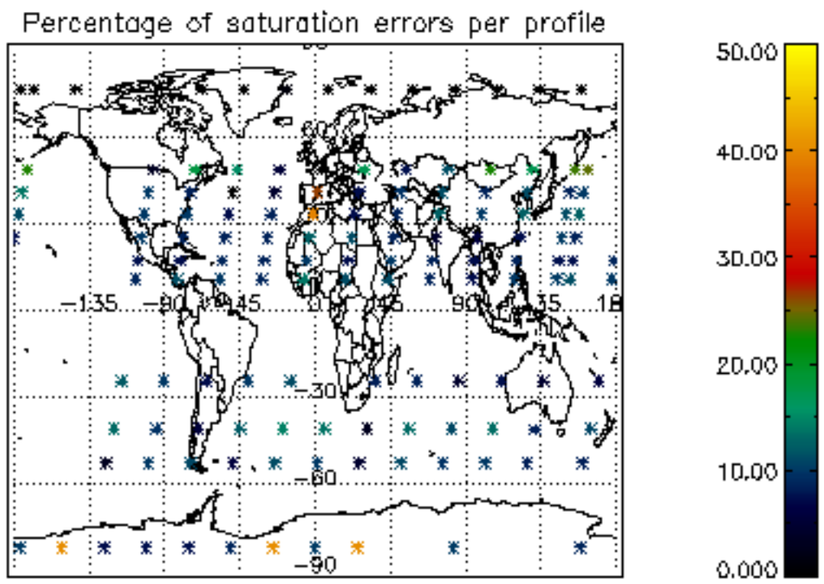

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
-30
-60
-90

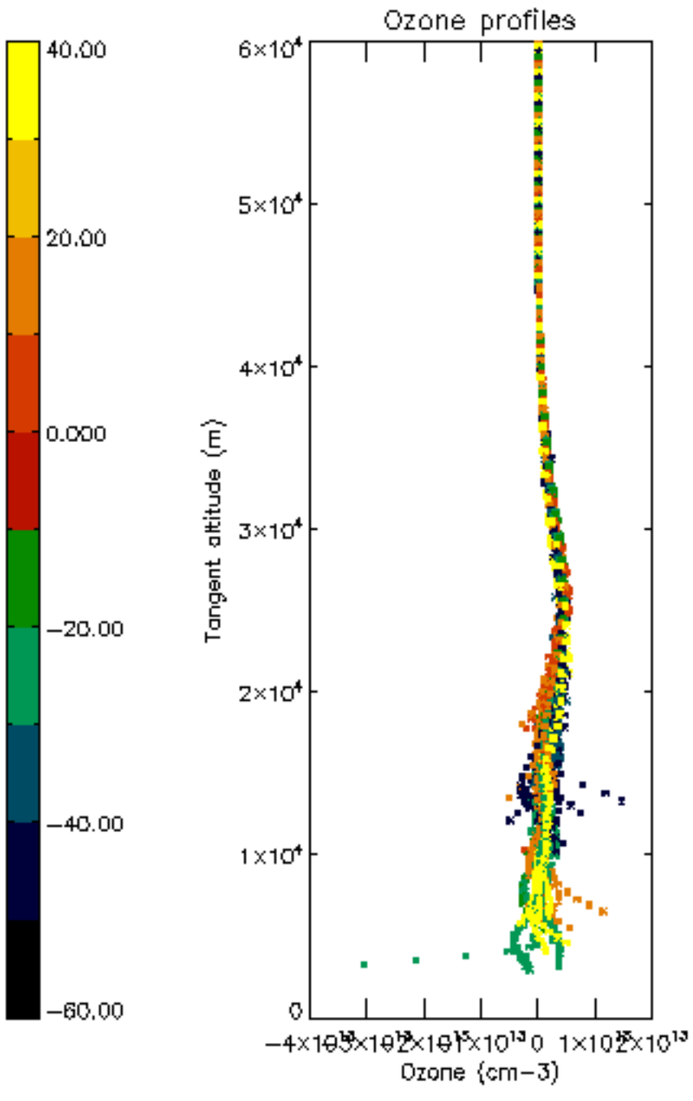

Percentage of saturation errors per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
-30
-60
-90

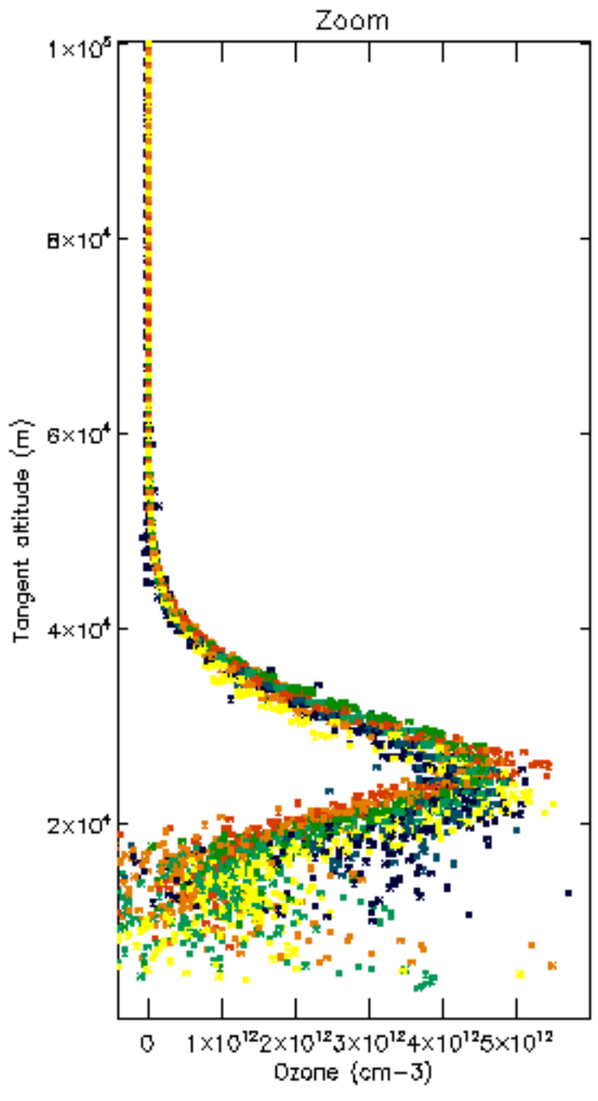

Percentage of cosmic ray hits per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90

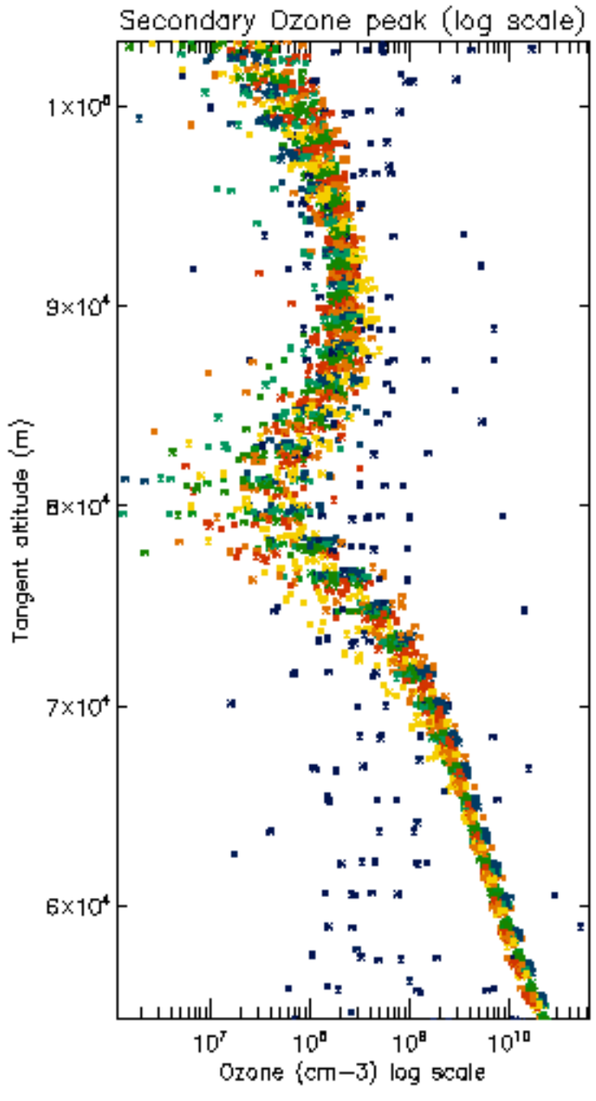

Percentage of datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−30
−60
−90

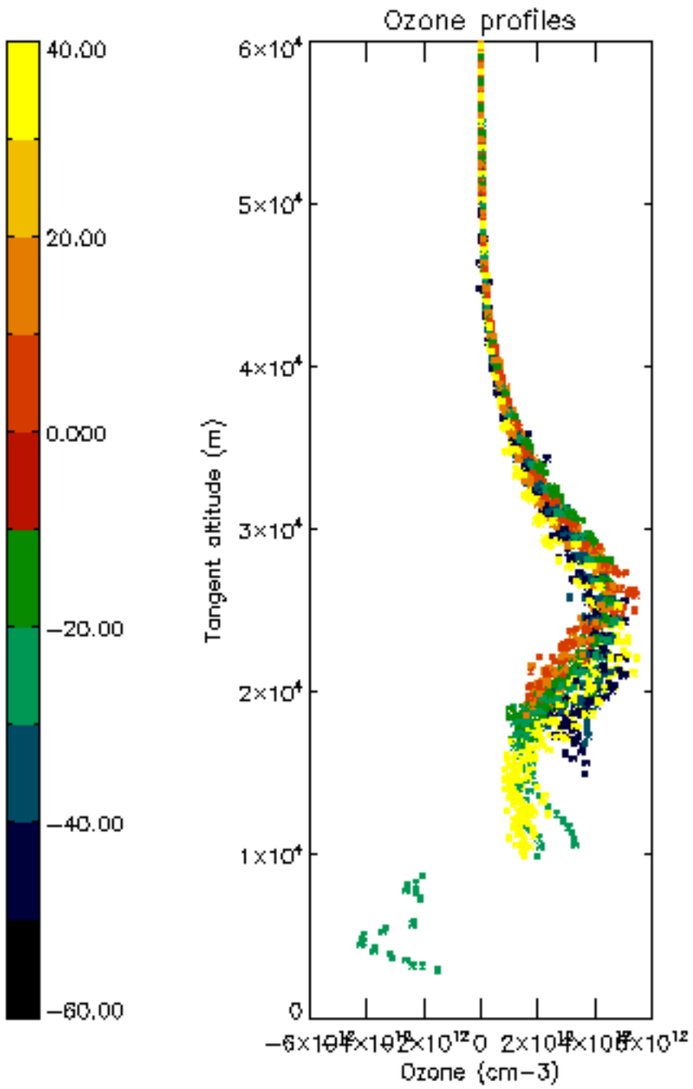

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90


Percentage of saturation errors per profile
50.00
40.00
30.00
20.00
10.00
0.000
−135
−90
−30
−60
−90


Ozone profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
Ozone (cm−3)


Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)

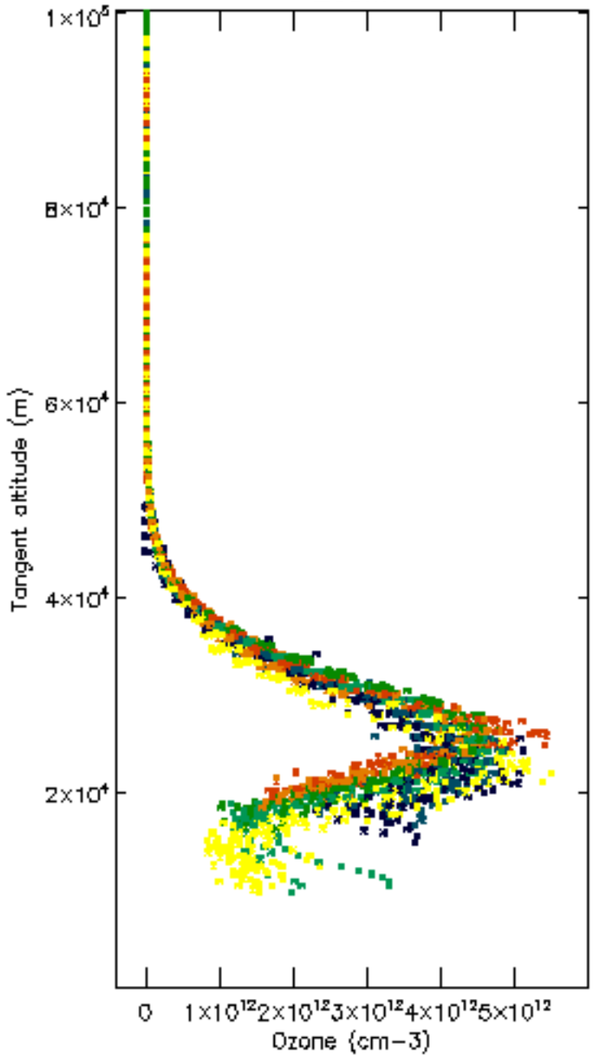

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷ 10⁸ 10⁹ 10¹⁰
Ozone (cm−3) log scale



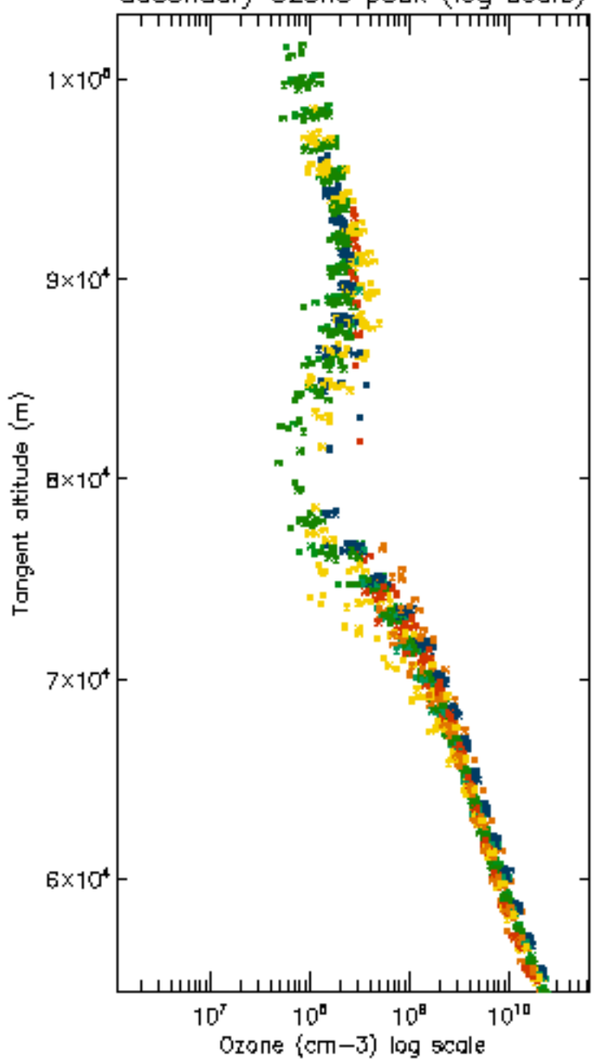

Ozone profiles



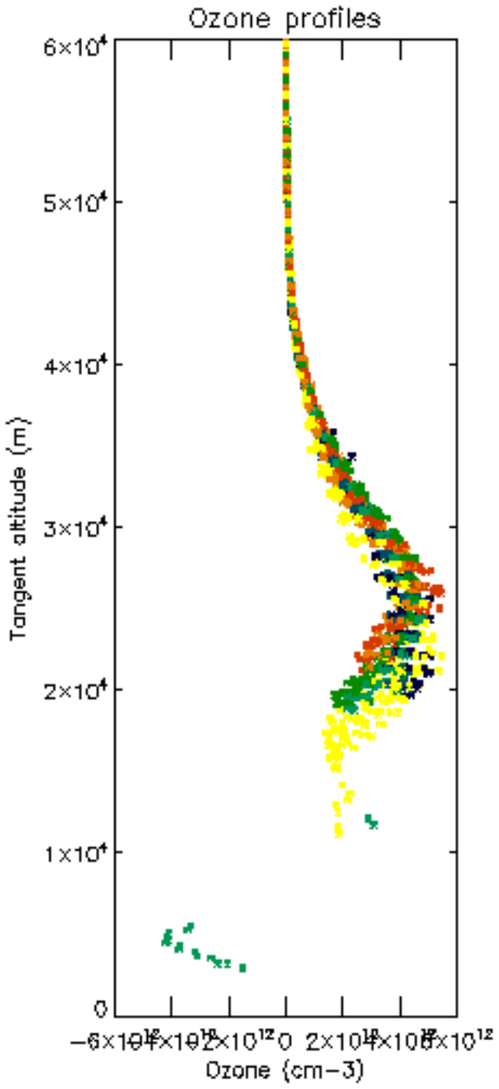

Zoom

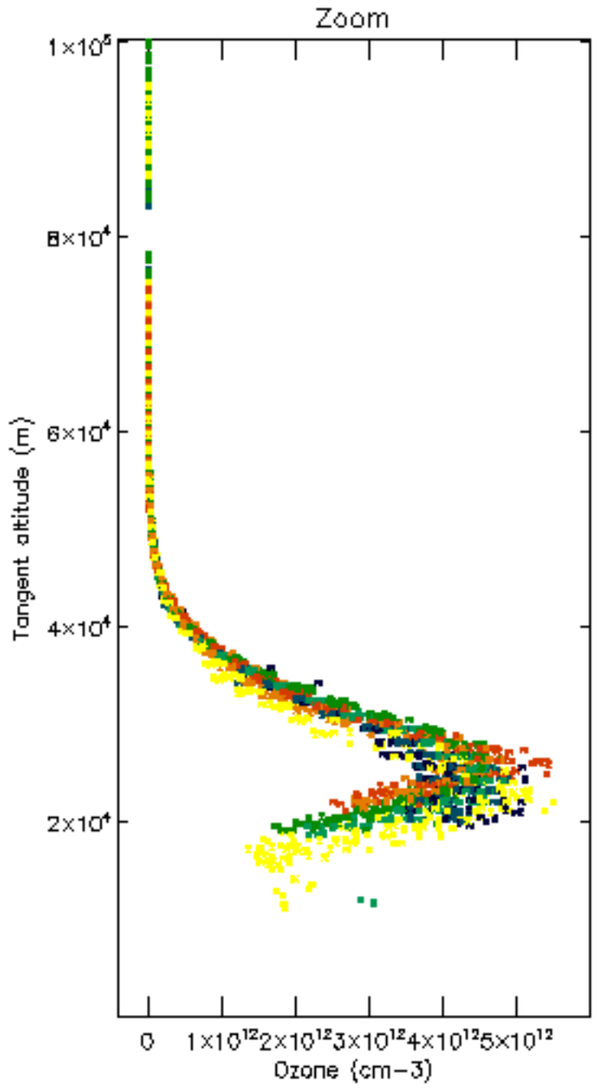


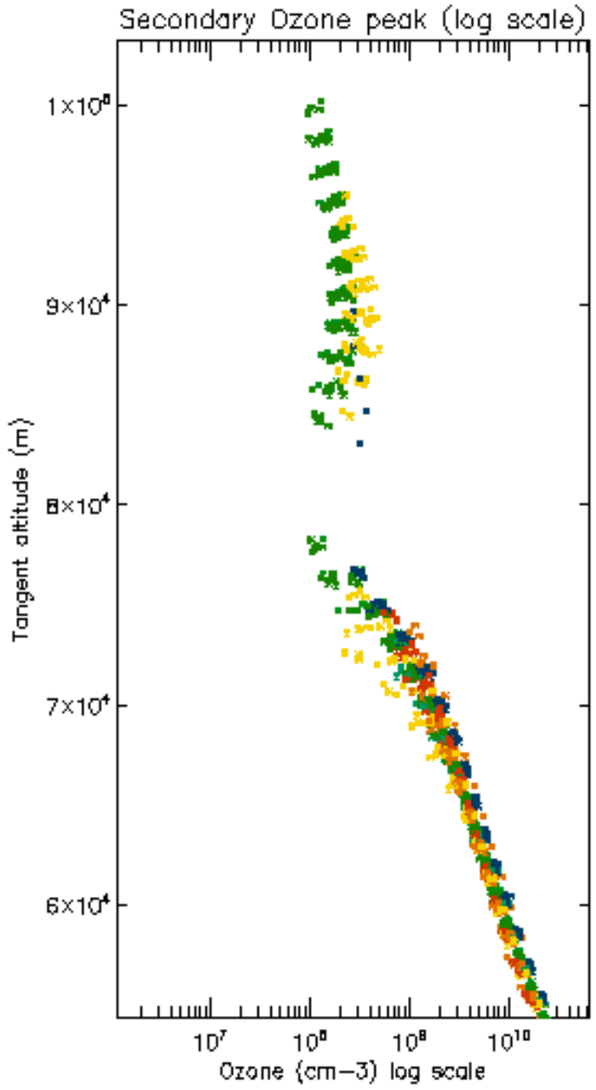

Secondary Ozone peak (log scale)

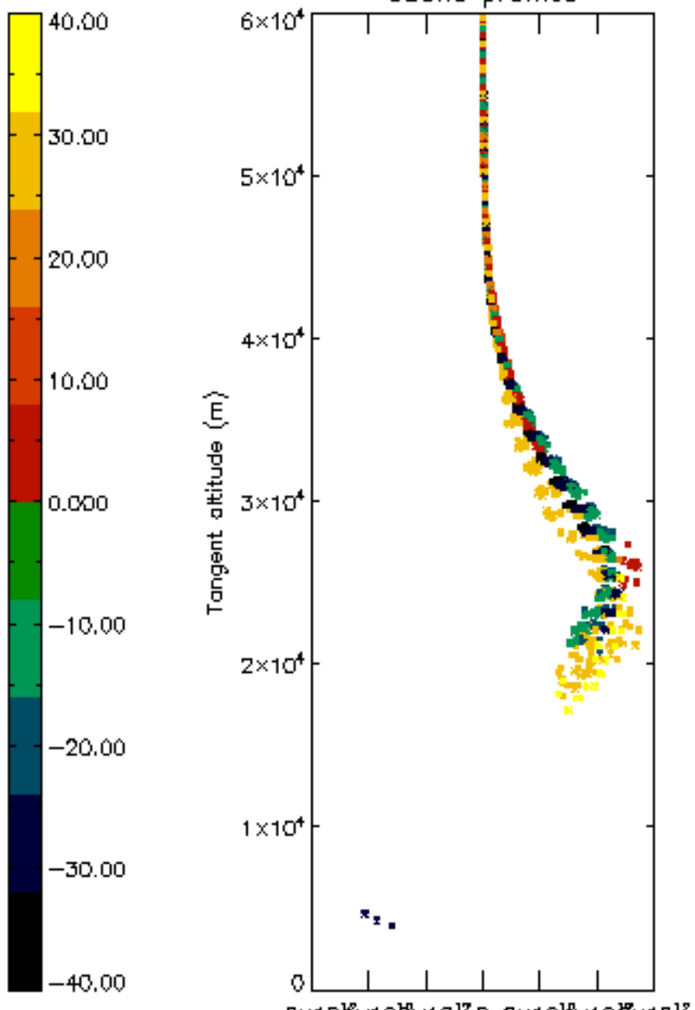



40.00
20.00
0.000
−20.00
−40.00
−60.00

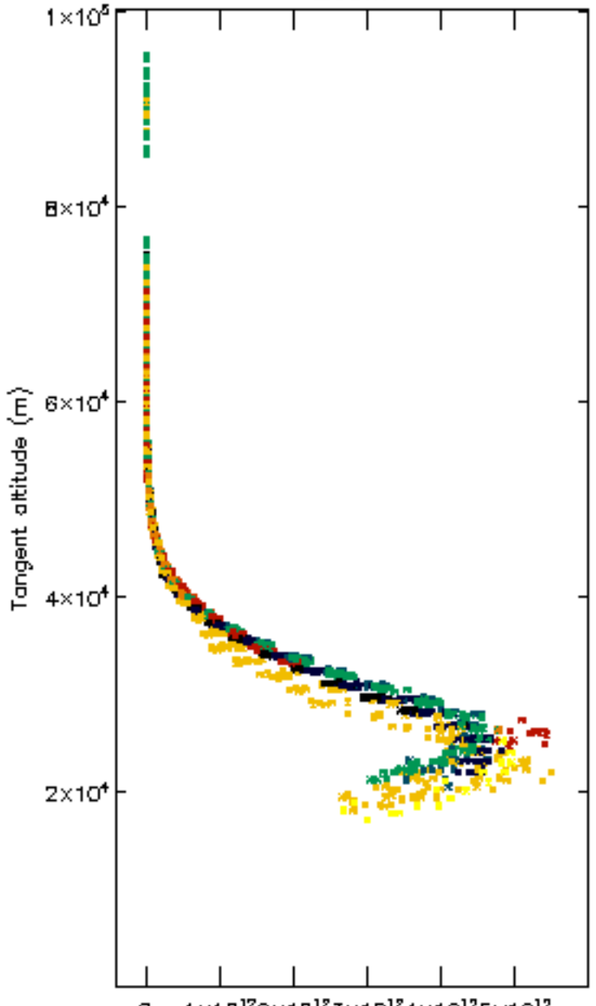

Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−6×10¹²
−4×10¹²
−2×10¹²
0
2×10¹²
4×10¹²
6×10¹²
Ozone (cm−3)

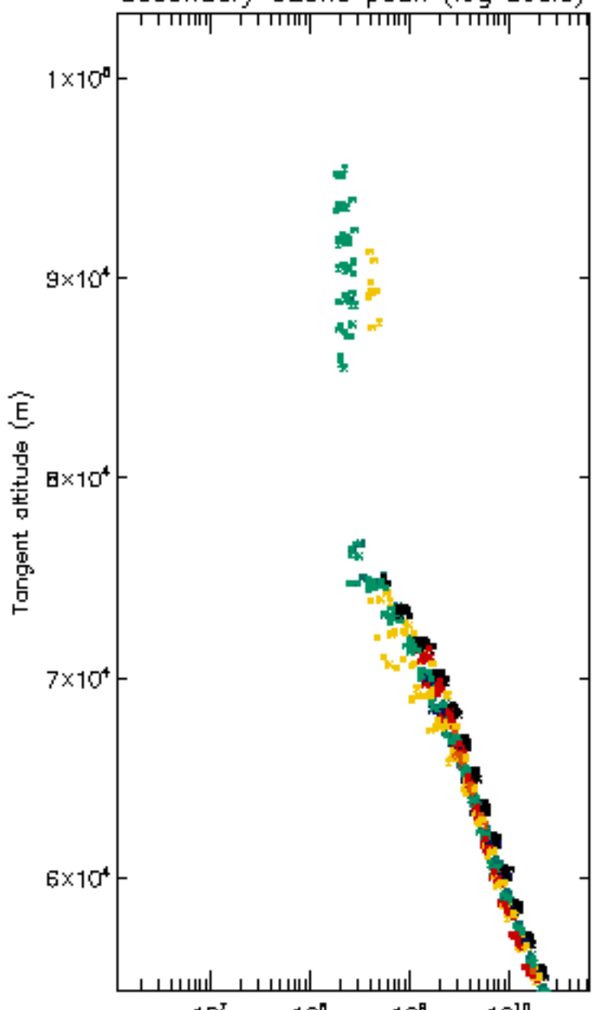

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

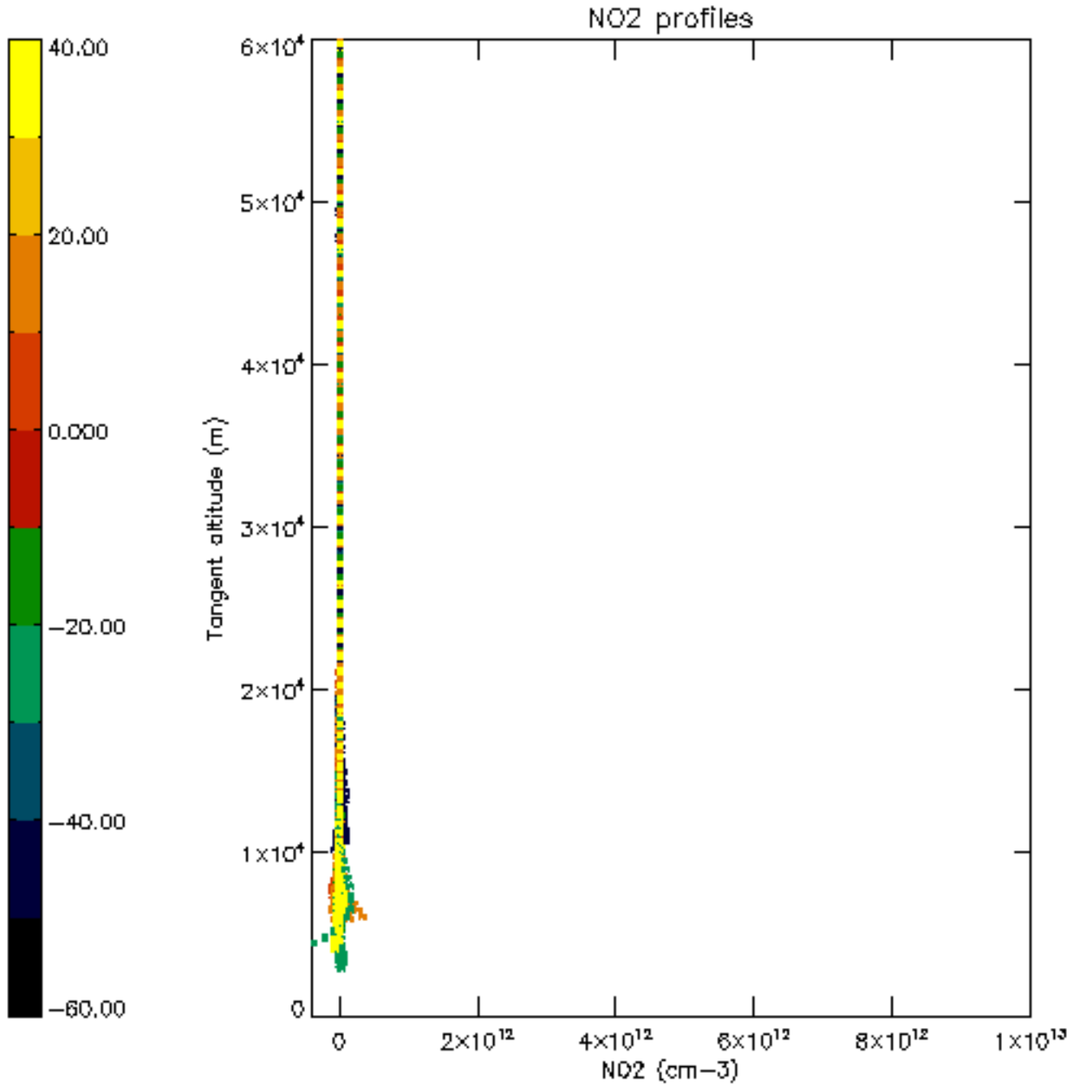

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁸
10¹⁰
Ozone (cm−3) log scale

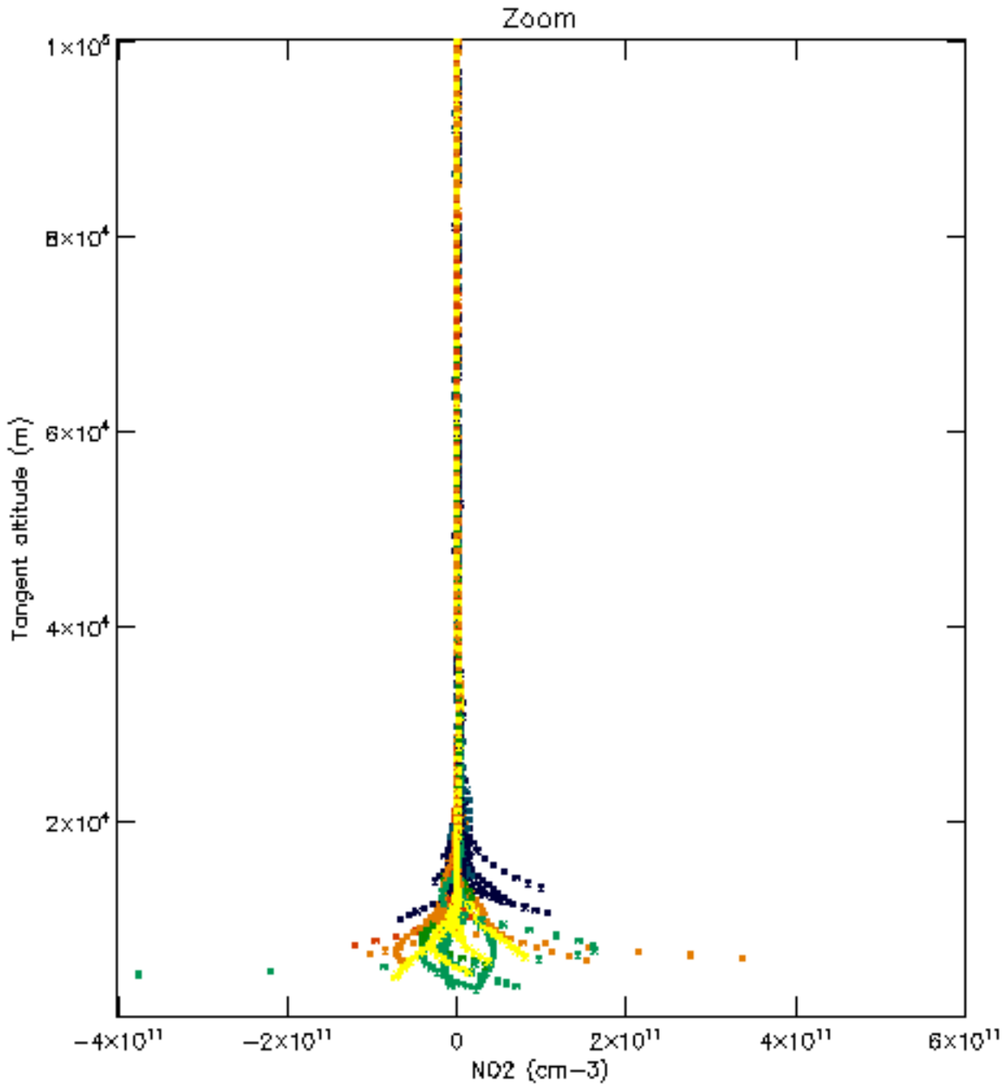

40.00
30.00
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00

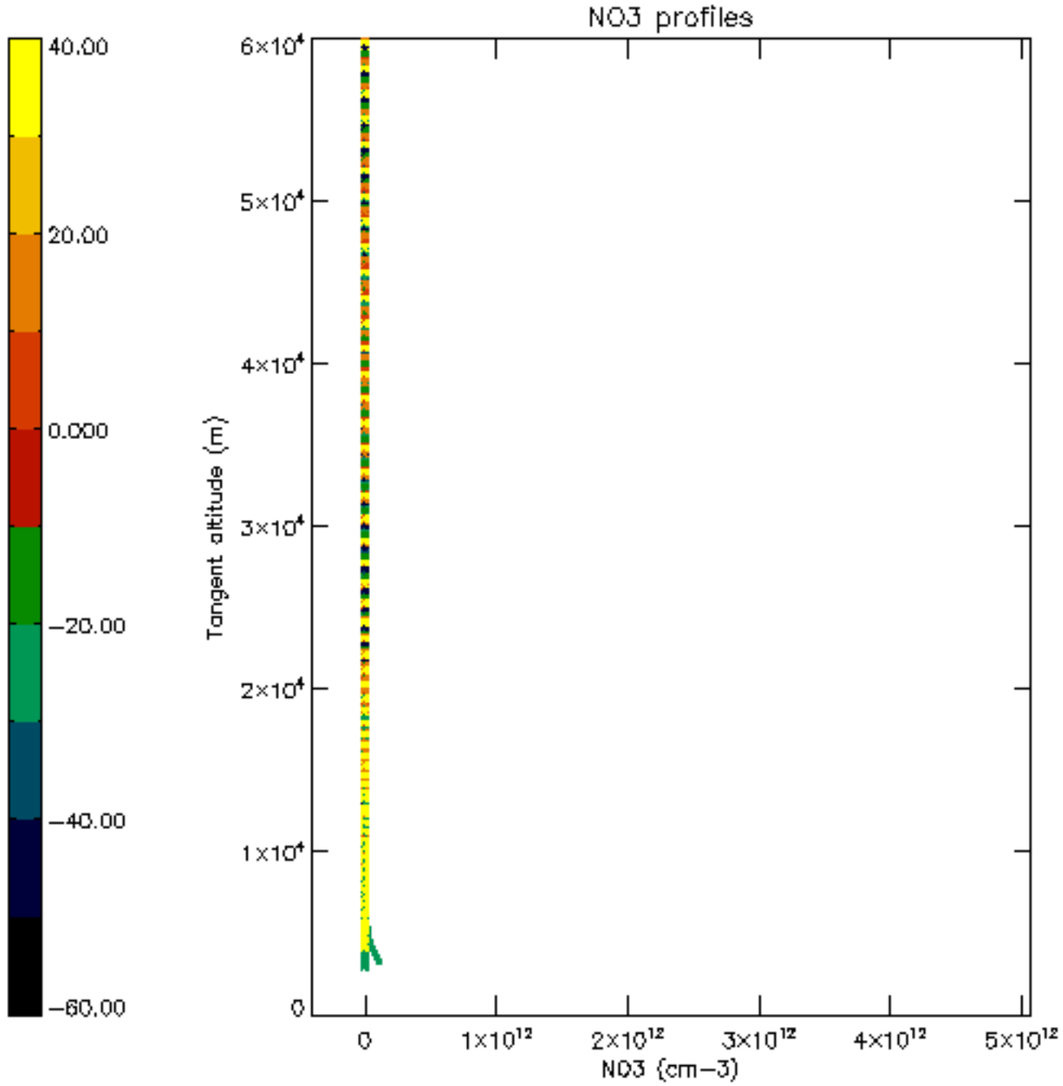

Ozone profiles
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
−6×10¹²
−4×10¹²
−2×10¹²
0
2×10¹²
4×10¹²
6×10¹²
Ozone (cm−3)

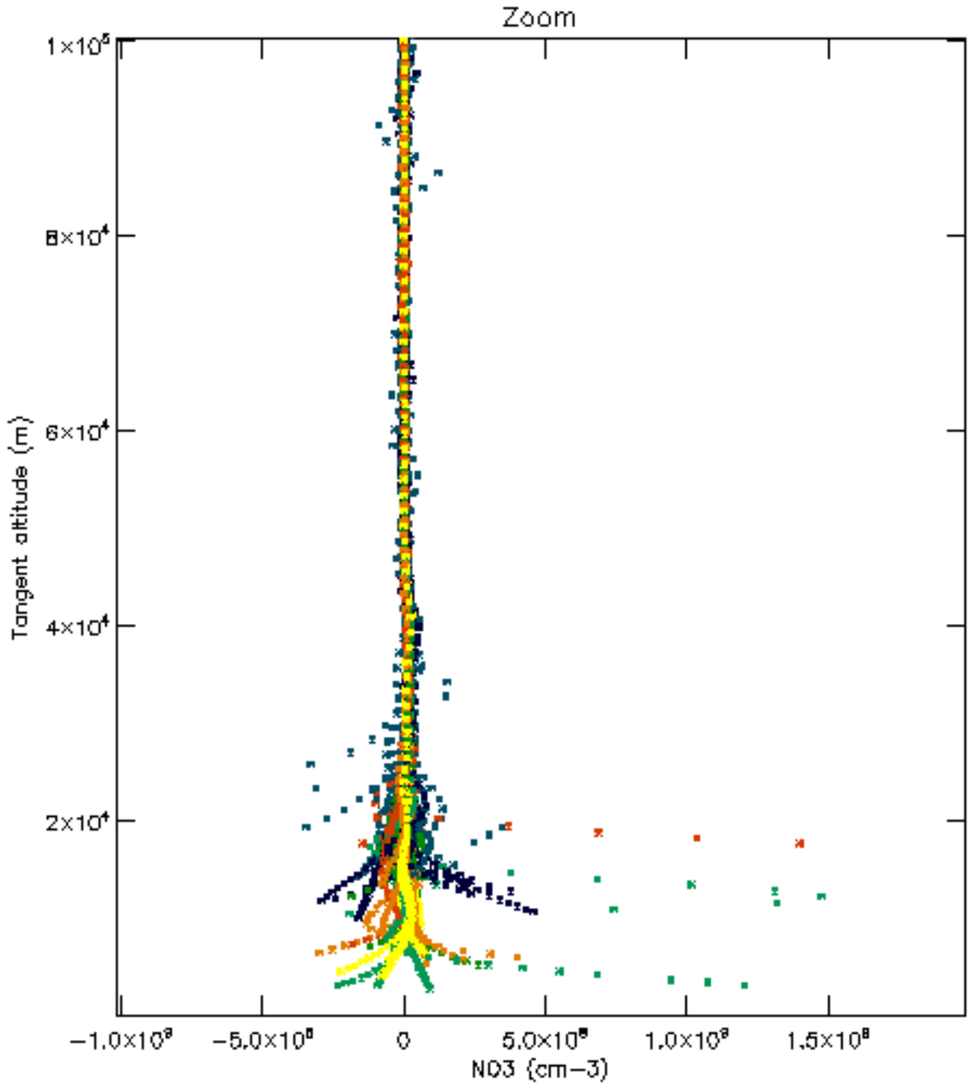

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

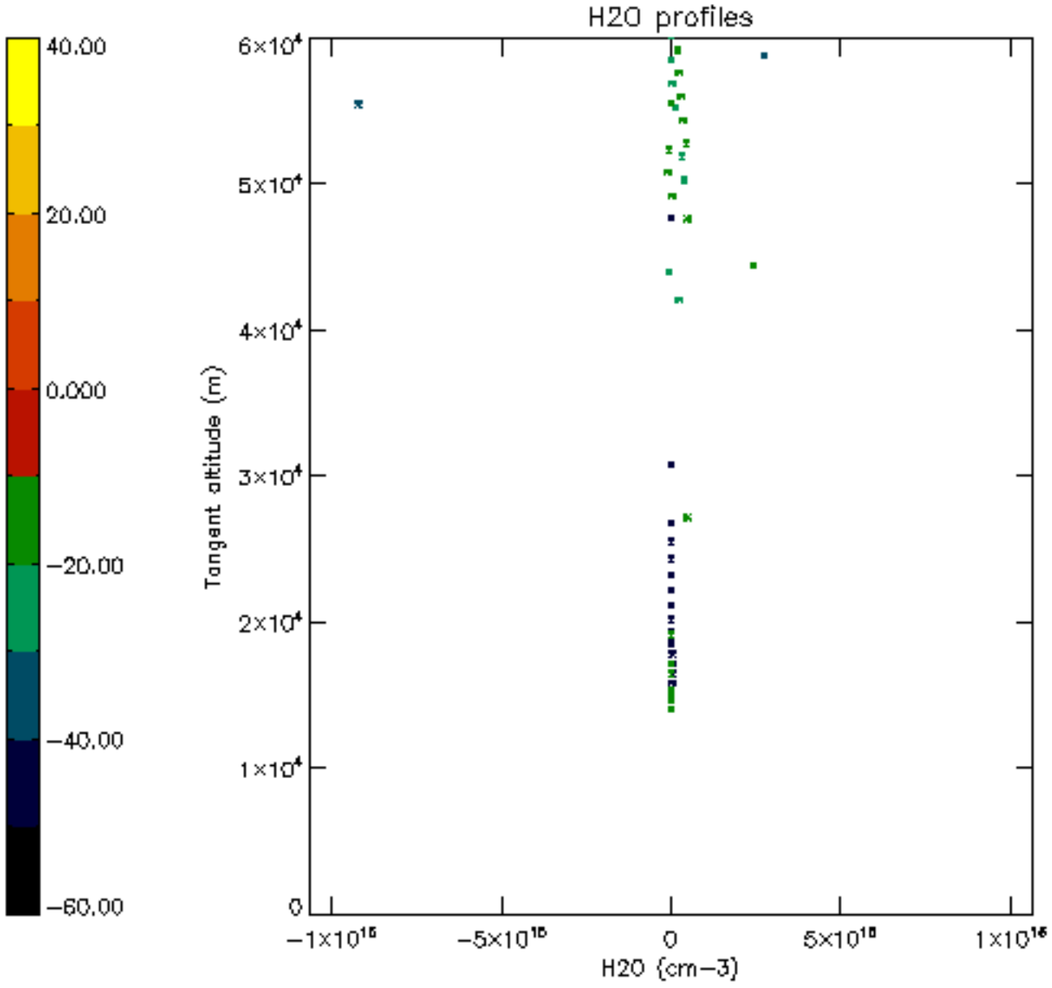

Secondary Ozone peak (log scale)
Tangent altitude (m)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

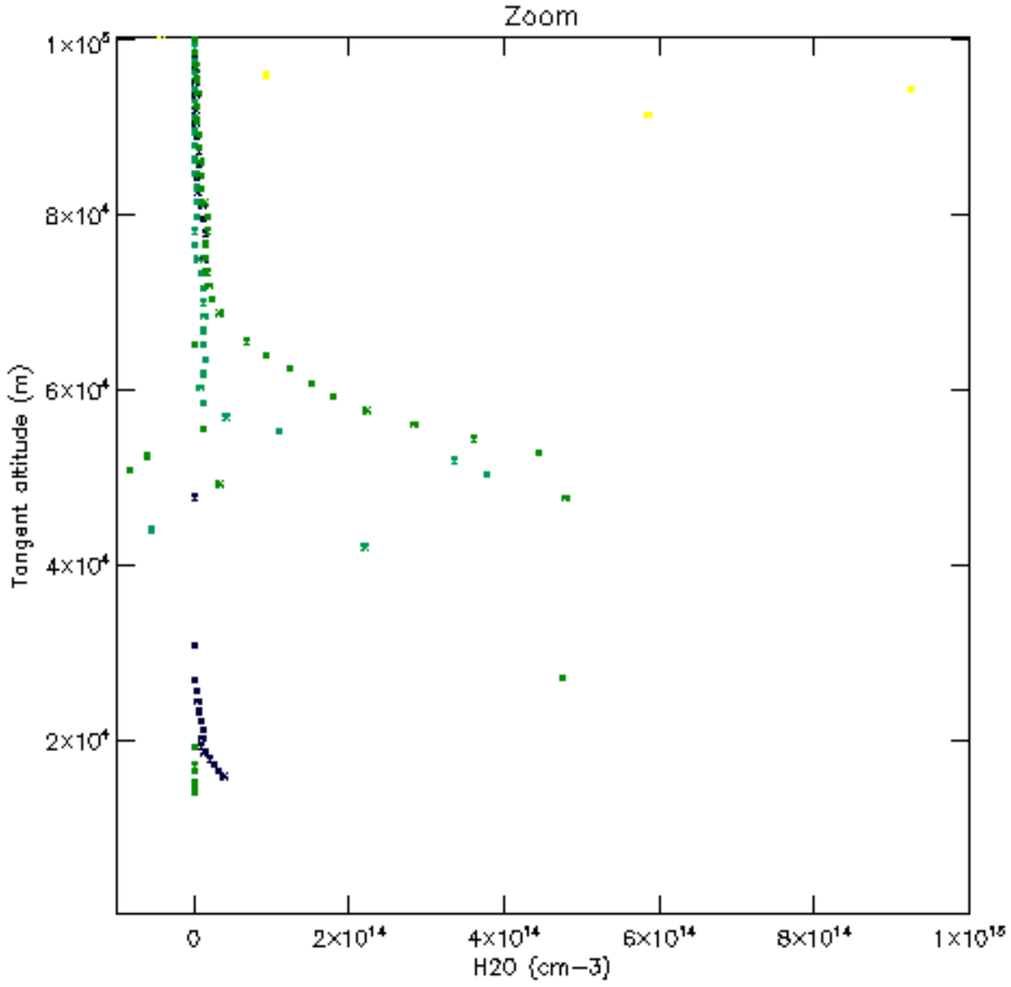

NO2 profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)

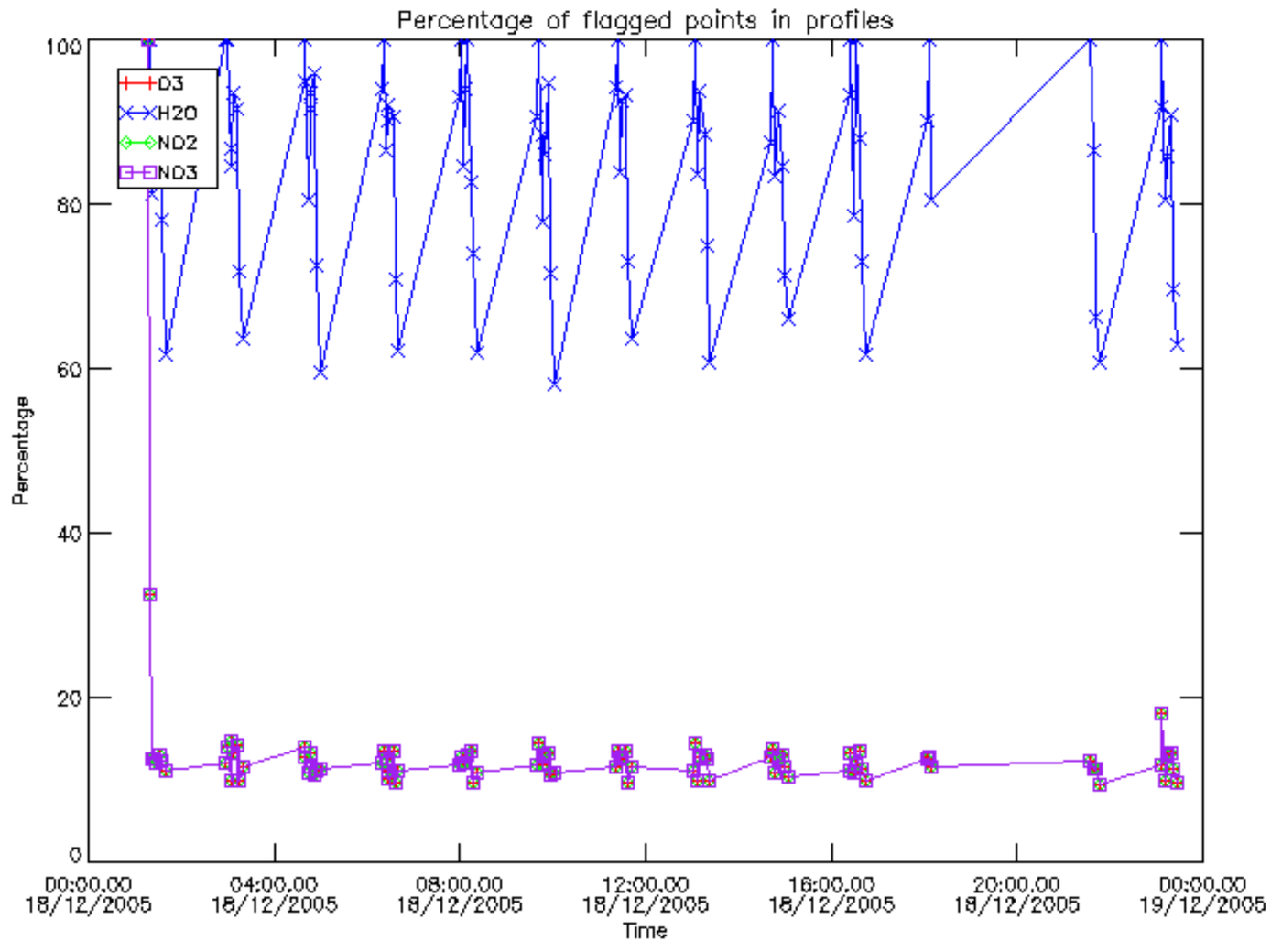

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)

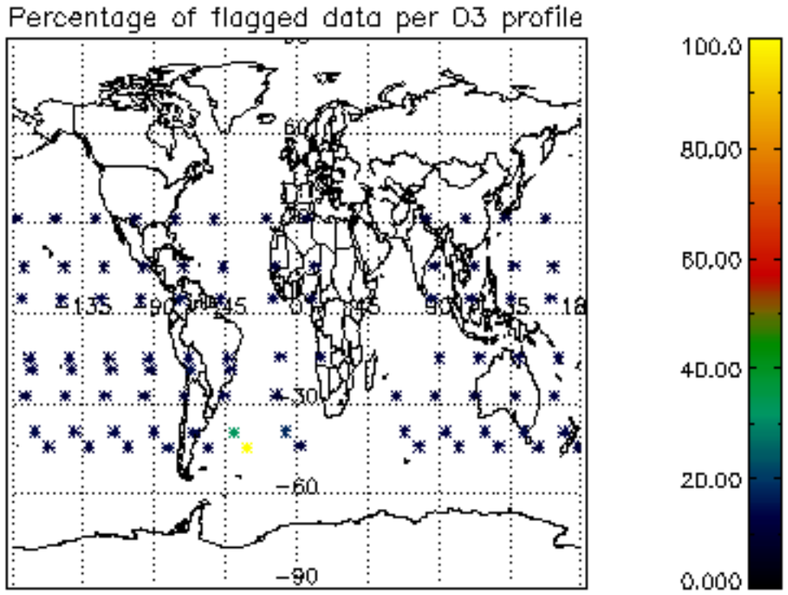

NO3 profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
NO3 (cm−3)

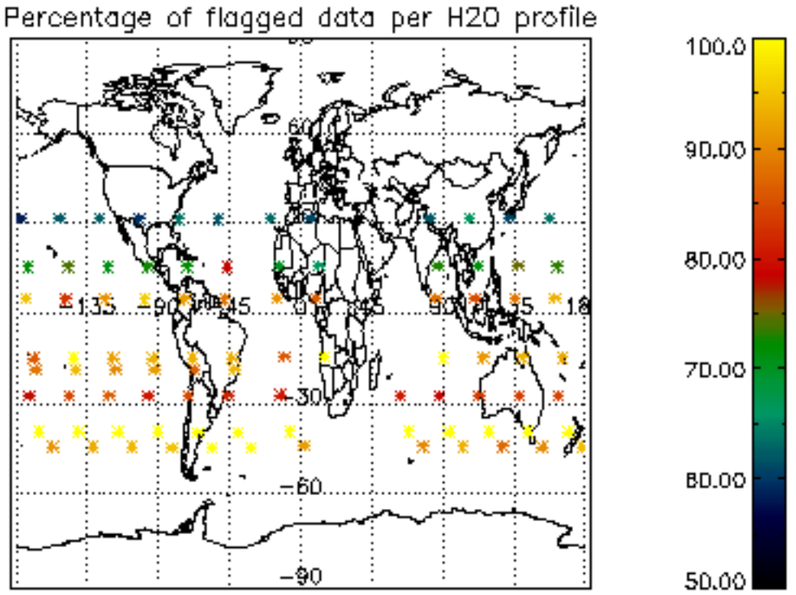

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)

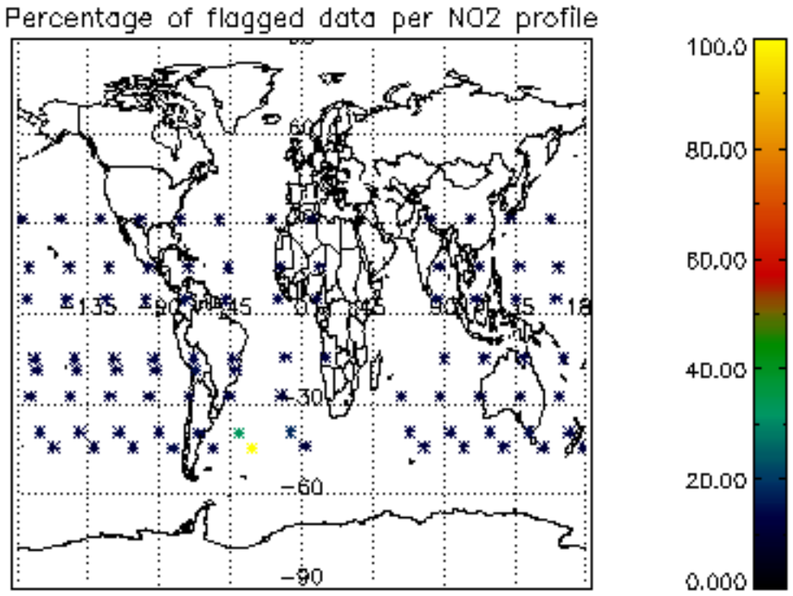

H2O profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
−1×10¹⁵
−5×10¹⁴
0
5×10¹⁴
1×10¹⁵
H2O (cm−3)

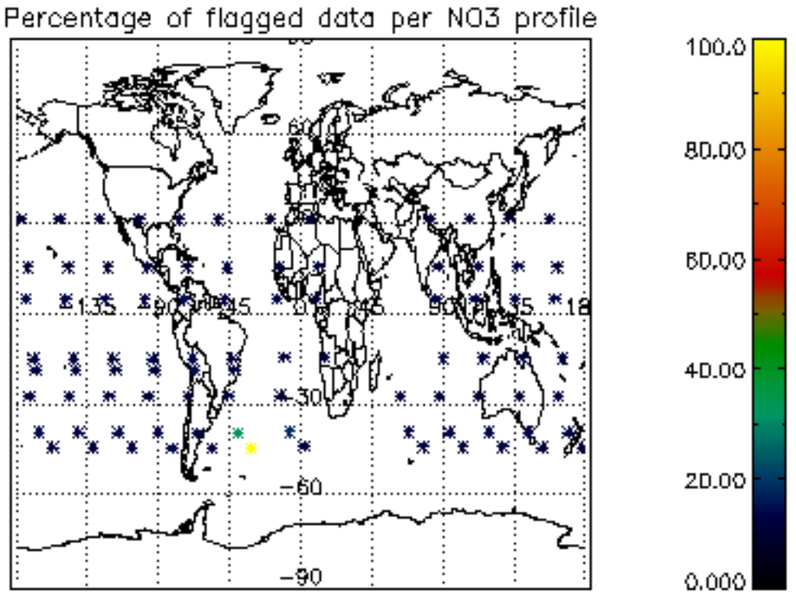

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
0
2×10¹⁴
4×10¹⁴
6×10¹⁴
8×10¹⁴
1×10¹⁵
H2O (cm−3)

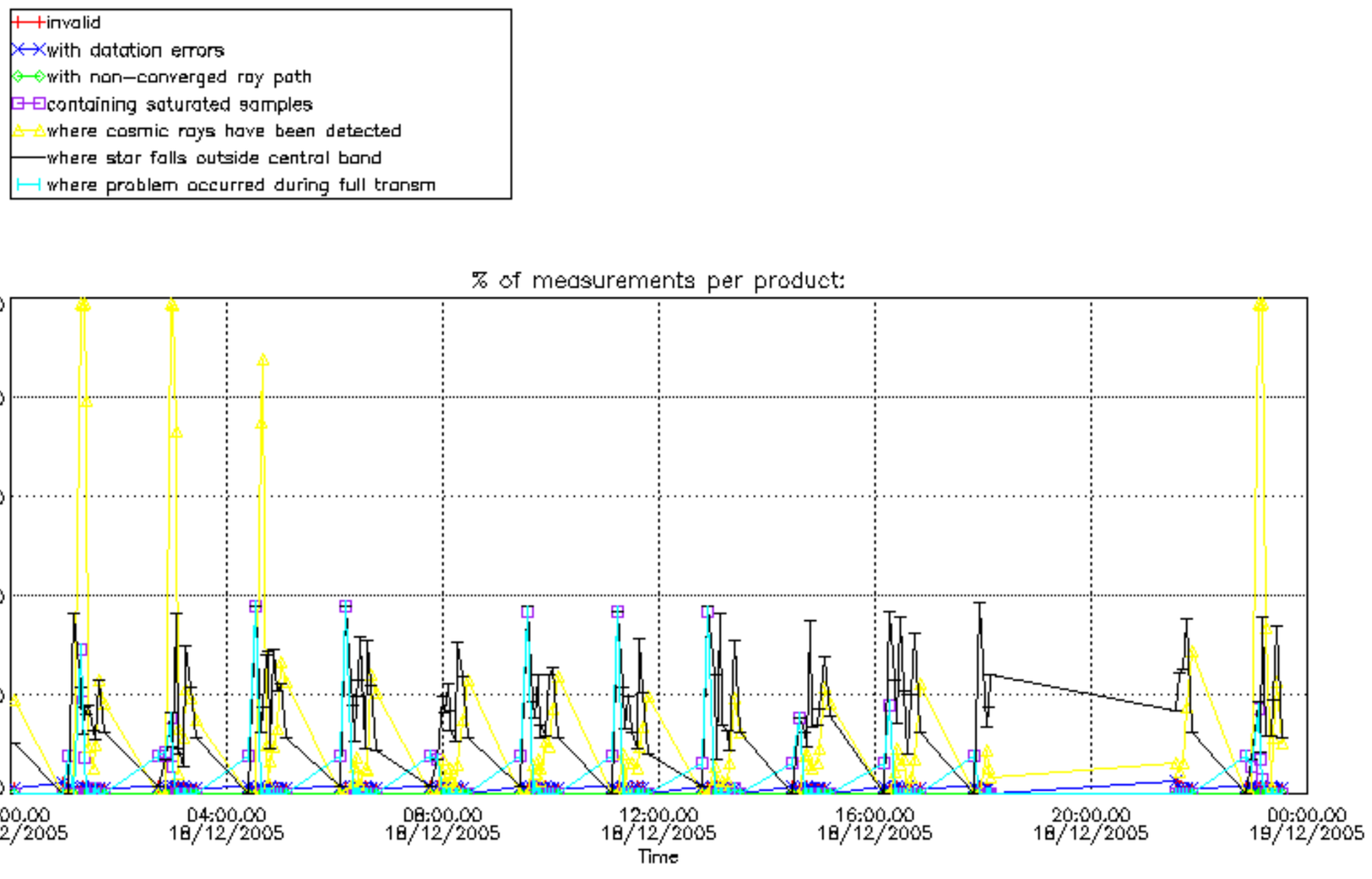

Percentage of flagged points in profiles
O3
H2O
NO2
NO3
100
80
60
40
20
0
Percentage
00:00.00
18/12/2005
04:00.00
18/12/2005
08:00.00
18/12/2005
12:00.00
18/12/2005
16:00.00
18/12/2005
20:00.00
18/12/2005
00:00.00
19/12/2005
Time

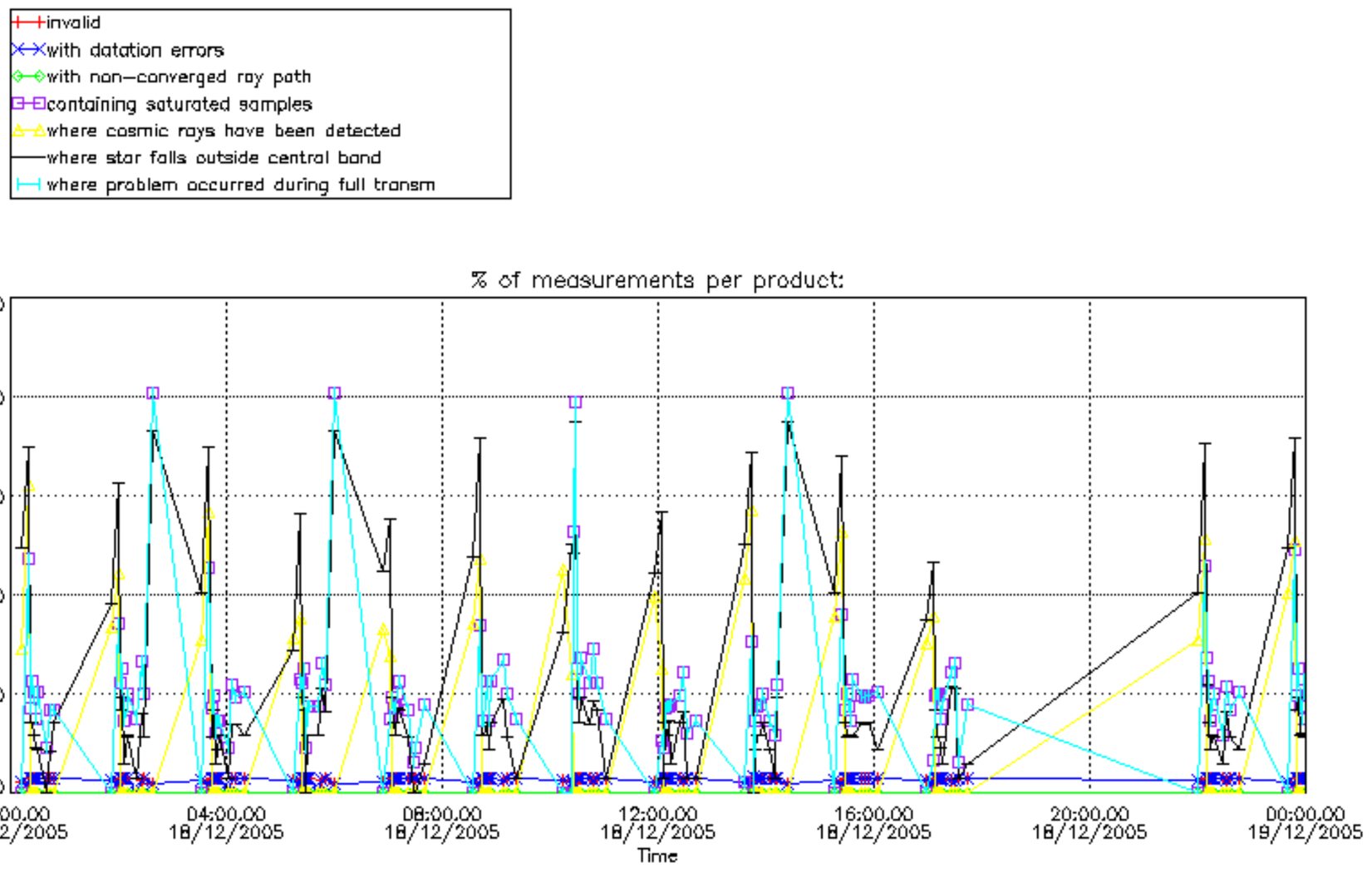

Percentage of flagged data per O3 profile
100.0
80.00
60.00
40.00
20.00
0.000
60
-30
-60
-90

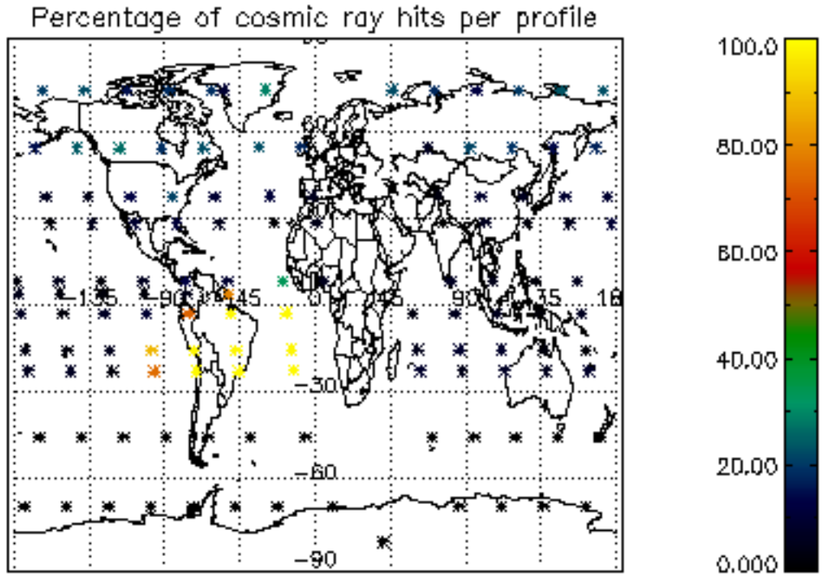

Percentage of flagged data per H2O profile
100.0
90.00
80.00
70.00
60.00
50.00
60
-30
-60
-90

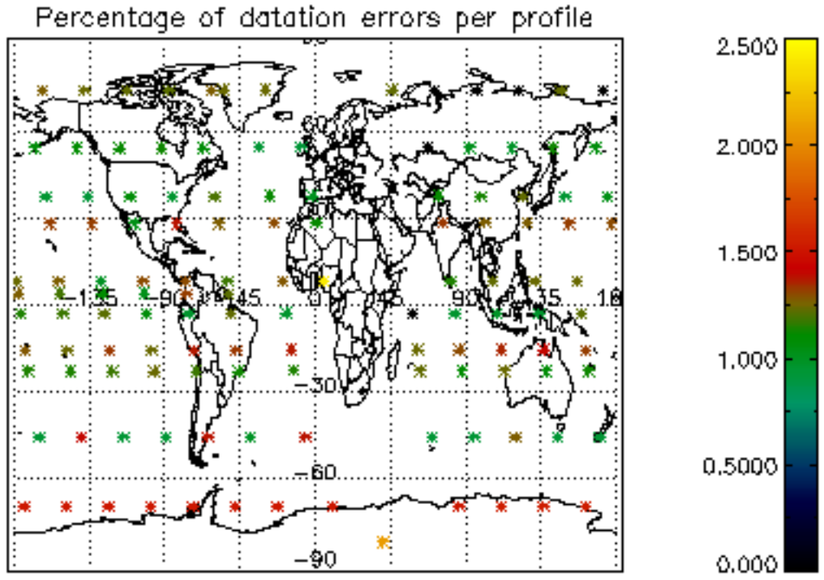

Percentage of flagged data per NO2 profile
100.0
80.00
60.00
40.00
20.00
0.000
60
-30
-60
-90

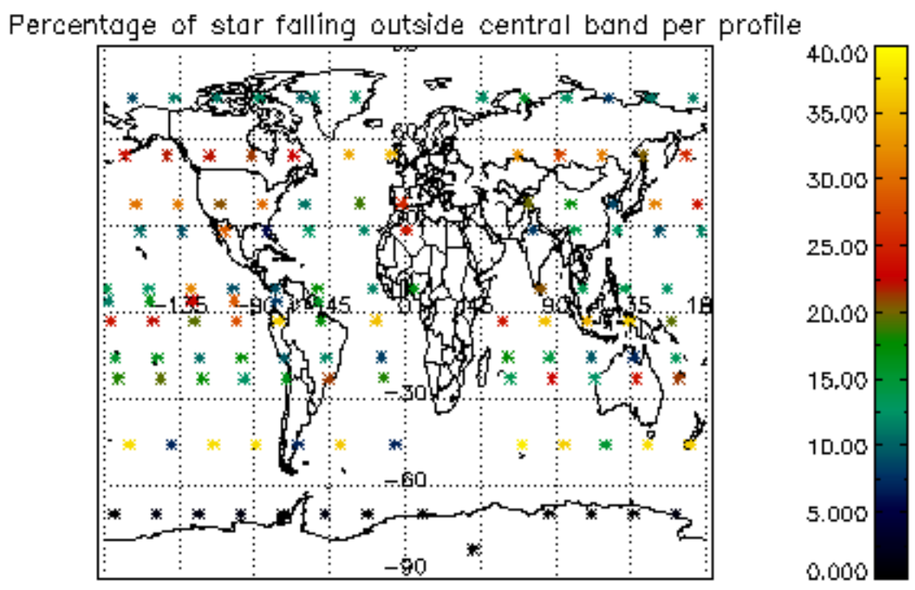

Percentage of flagged data per NO3 profile
100.0
80.00
60.00
40.00
20.00
0.000
60
-30
-60
-90

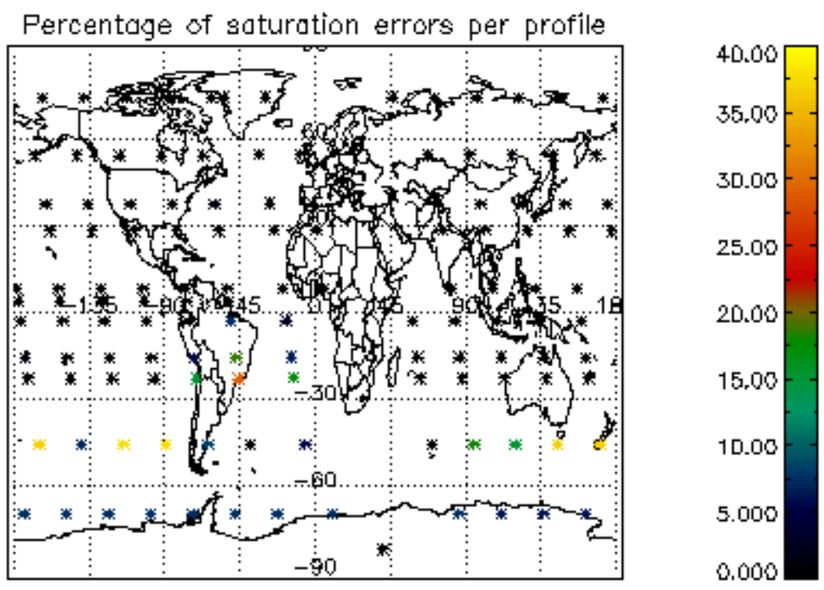

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
100
80
60
40
20
0
value (%)
00:00.00 18/12/2005
04:00.00 18/12/2005
08:00.00 18/12/2005
12:00.00 18/12/2005
16:00.00 18/12/2005
20:00.00 18/12/2005
00:00.00 19/12/2005
Time

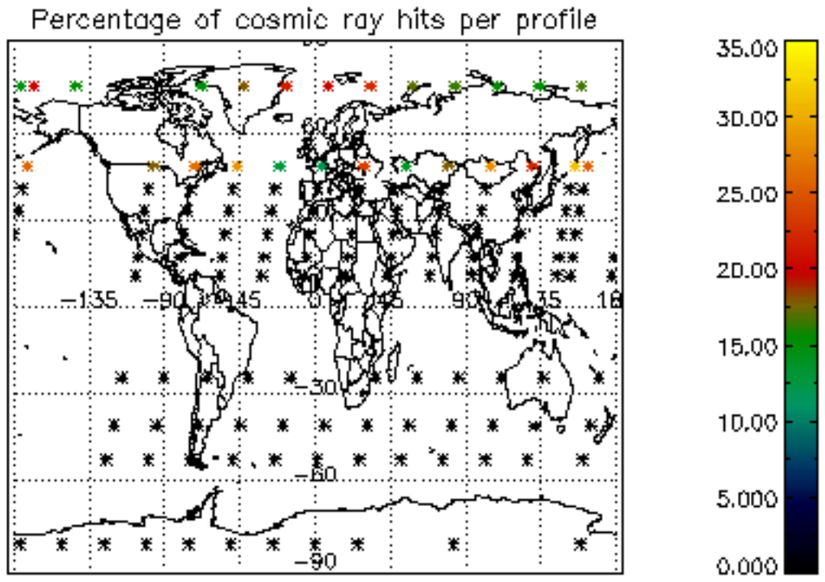

invalid
with datation errors
with non-converged ray path
containing saturated samples
where cosmic rays have been detected
where star falls outside central band
where problem occurred during full transm
% of measurements per product:
50
40
30
20
10
0
value (%)
00:00.00
18/12/2005
04:00.00
18/12/2005
08:00.00
18/12/2005
12:00.00
18/12/2005
16:00.00
18/12/2005
20:00.00
18/12/2005
00:00.00
19/12/2005
Time

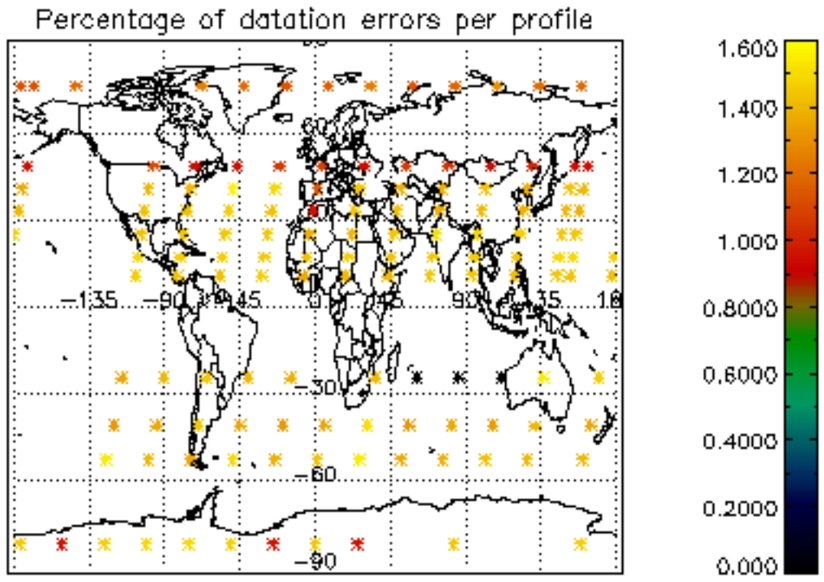

Percentage of cosmic ray hits per profile
100.0
80.00
60.00
40.00
20.00
0.000
-30
-60
-90

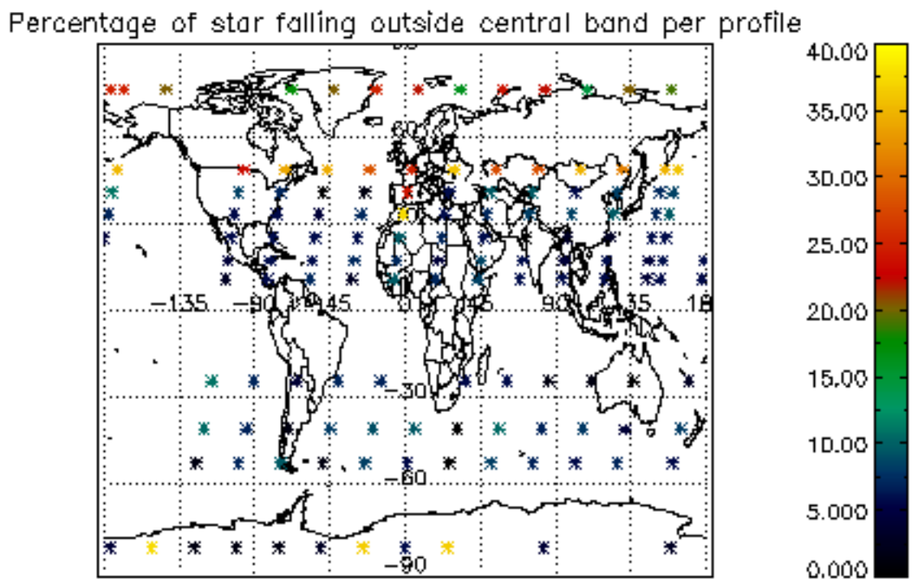

Percentage of datation errors per profile
2.500
2.000
1.500
1.000
0.5000
0.000
-30
-60
-90

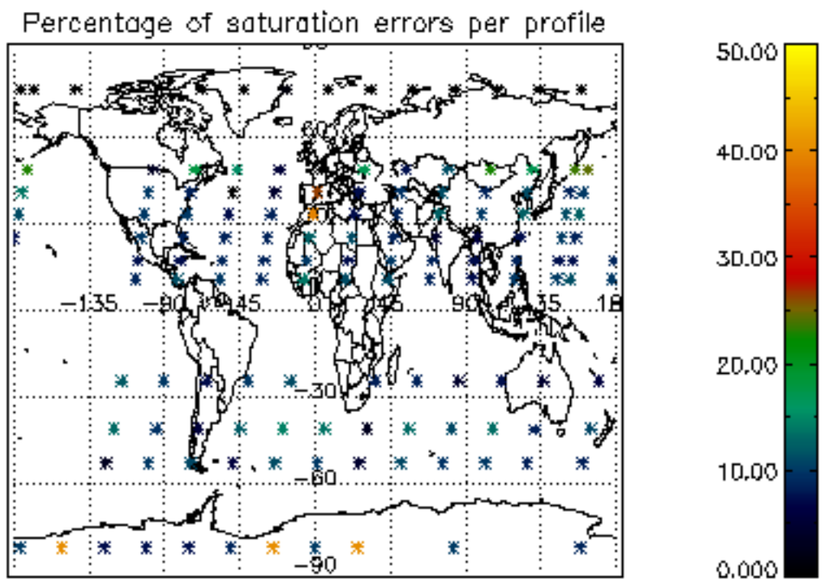

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
-30
-60
-90

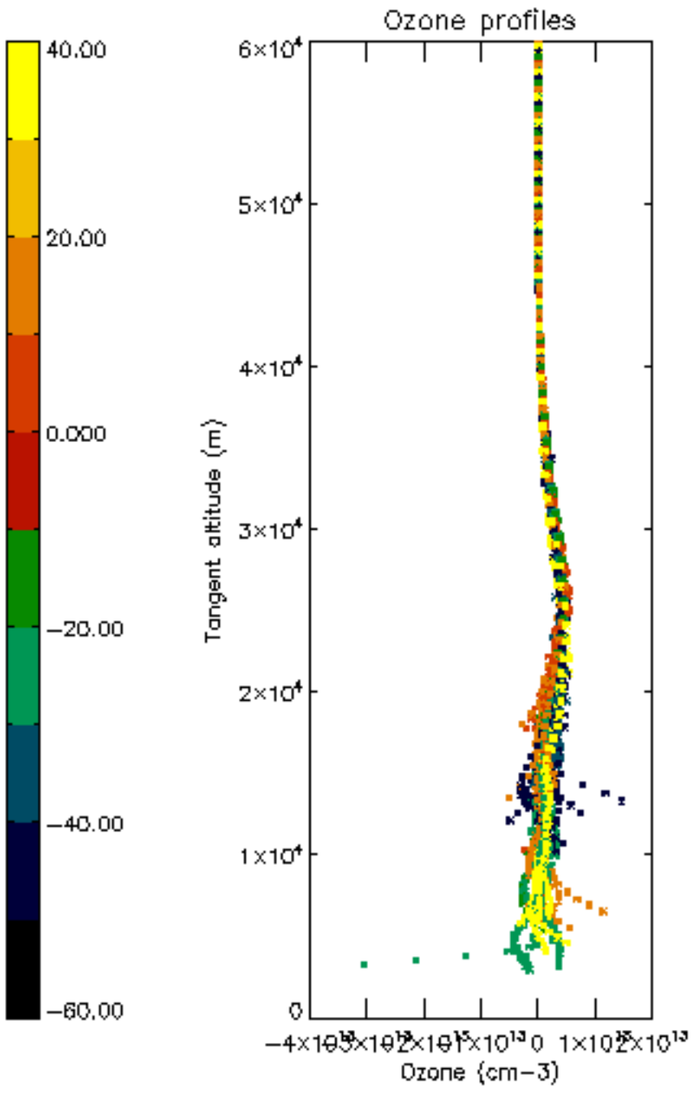

Percentage of saturation errors per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
-30
-60
-90

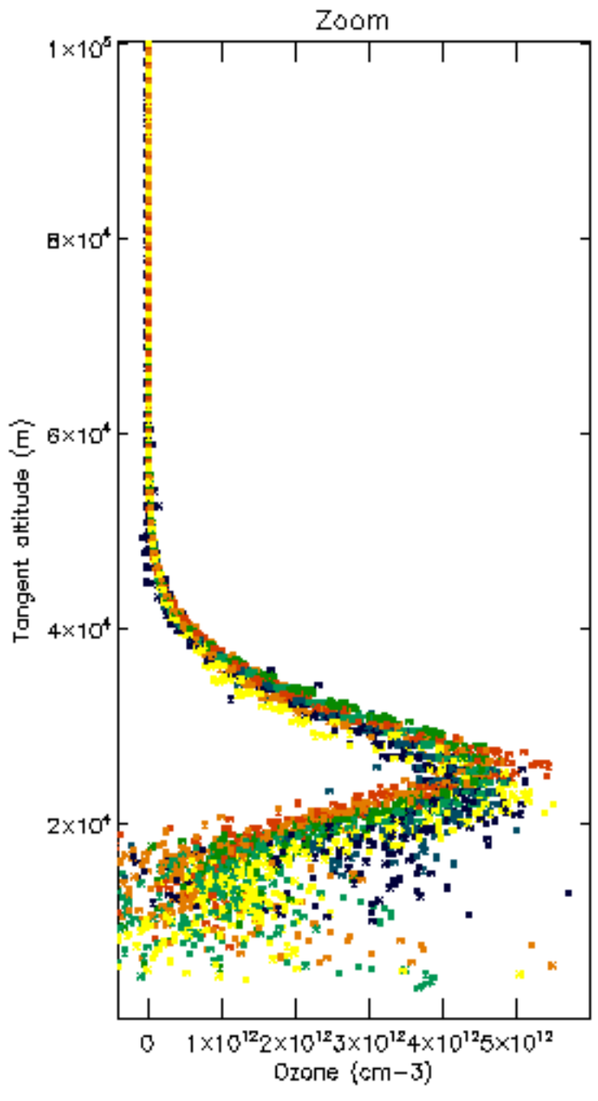

Percentage of cosmic ray hits per profile
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90

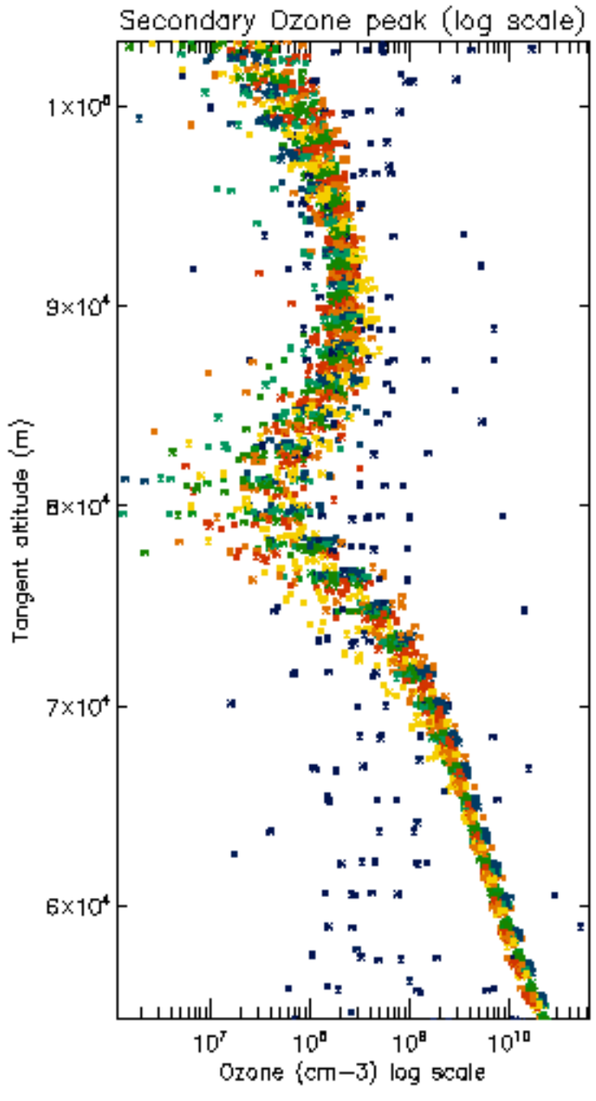

Percentage of datation errors per profile
1.600
1.400
1.200
1.000
0.8000
0.6000
0.4000
0.2000
0.000
−135
−90
−30
−60
−90

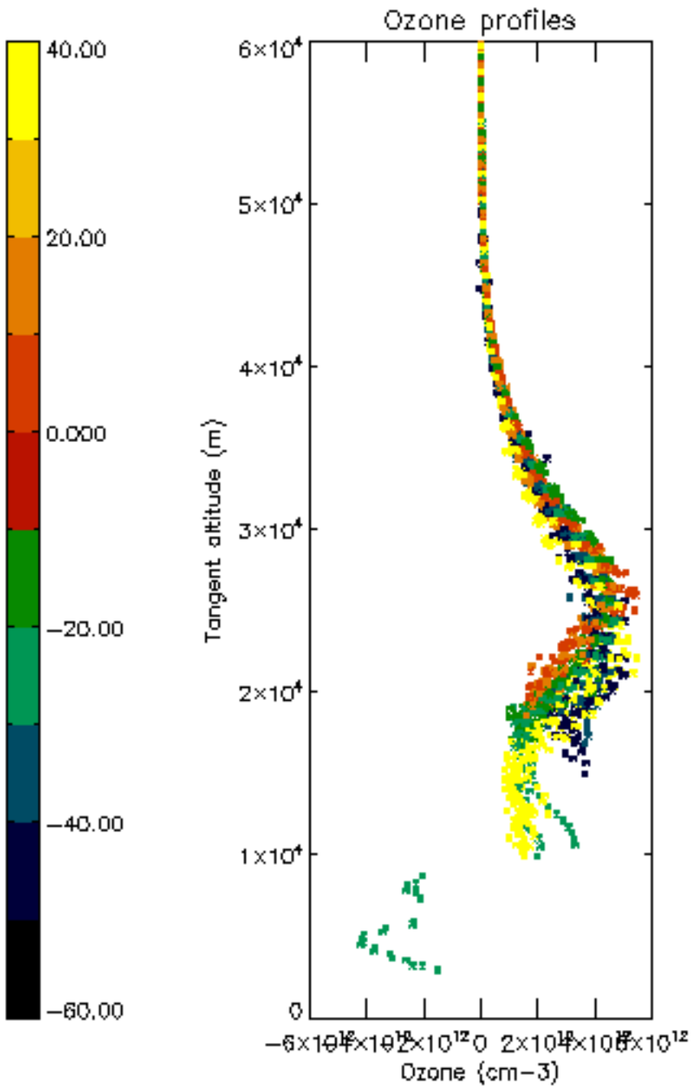

Percentage of star falling outside central band per profile
40.00
35.00
30.00
25.00
20.00
15.00
10.00
5.000
0.000
−135
−90
−30
−60
−90


Percentage of saturation errors per profile
50.00
40.00
30.00
20.00
10.00
0.000
−135
−90
−30
−60
−90


Ozone profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
Ozone (cm−3)


Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0 1×10¹² 2×10¹² 3×10¹² 4×10¹² 5×10¹²
Ozone (cm−3)

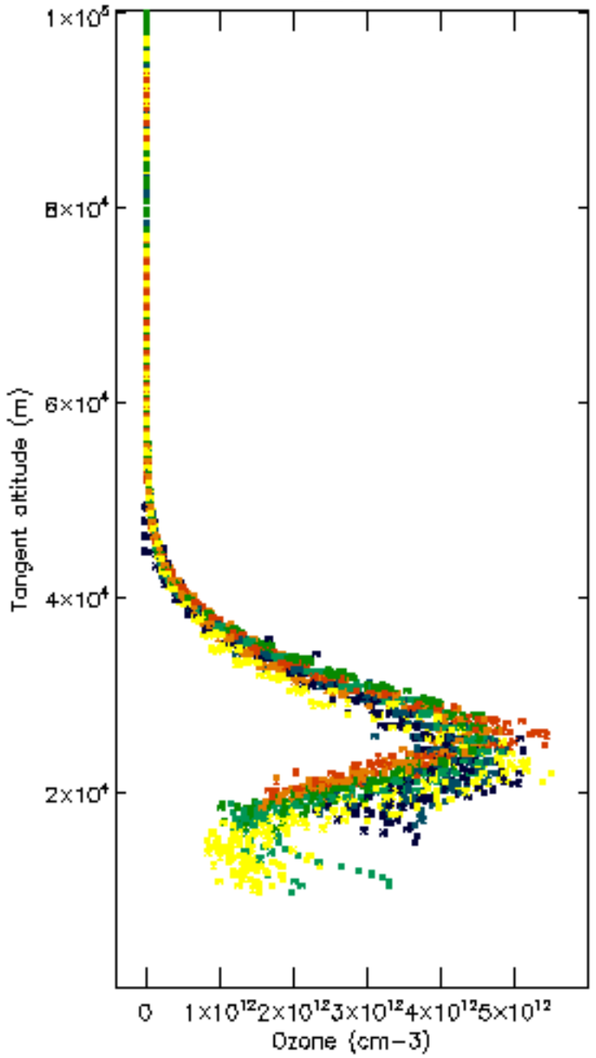

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷ 10⁸ 10⁹ 10¹⁰
Ozone (cm−3) log scale



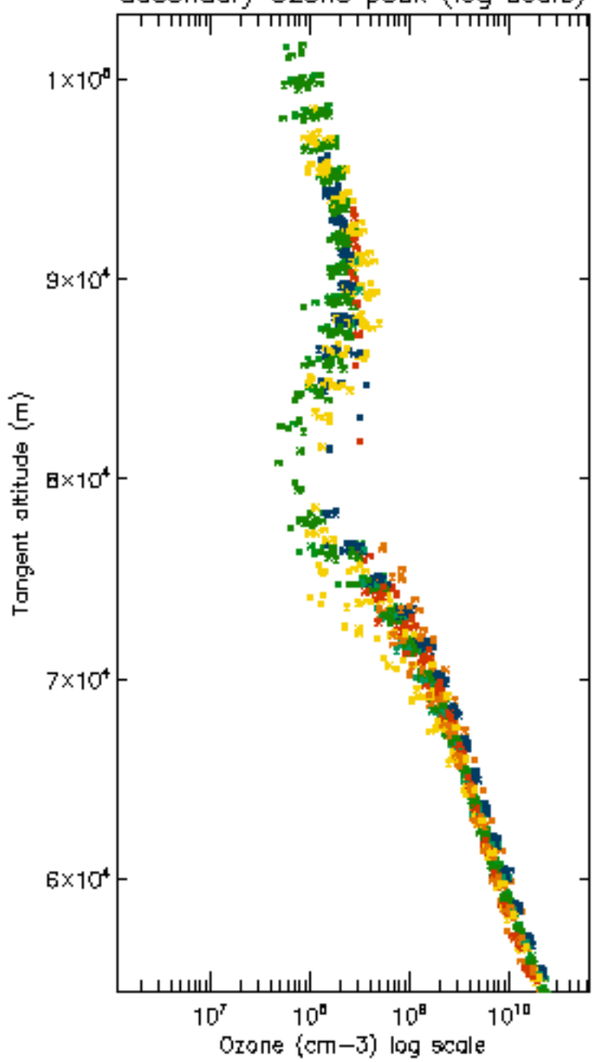

Ozone profiles



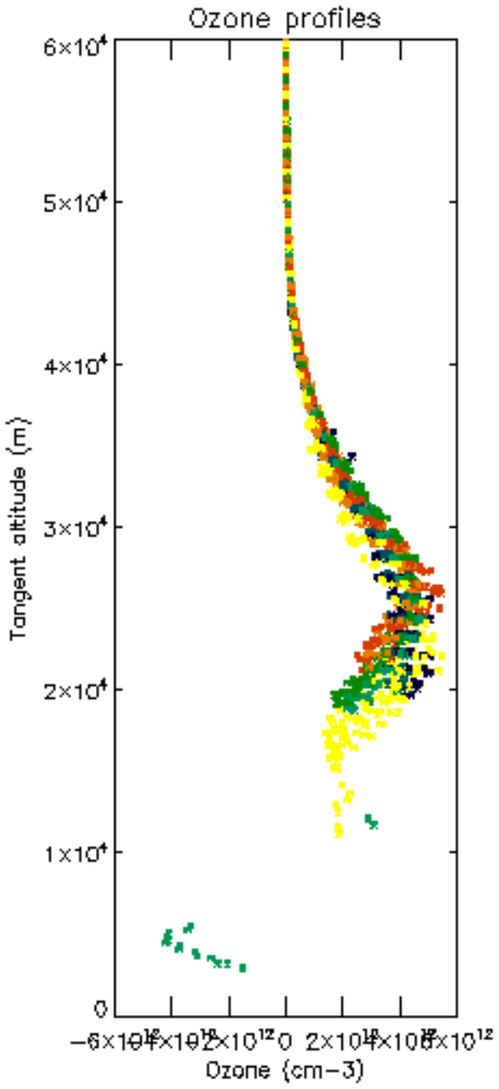

Zoom

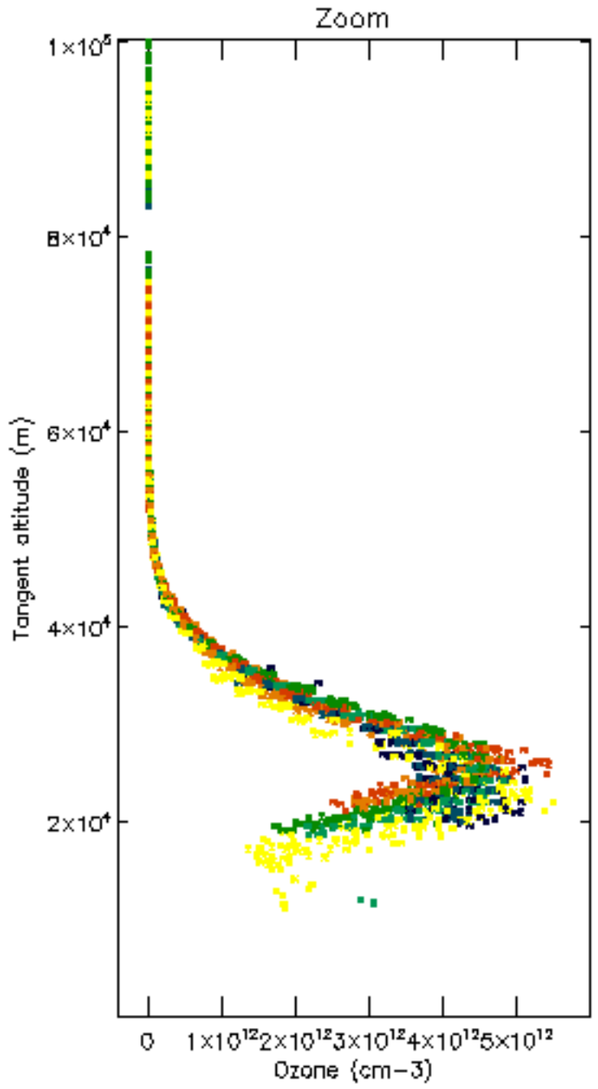


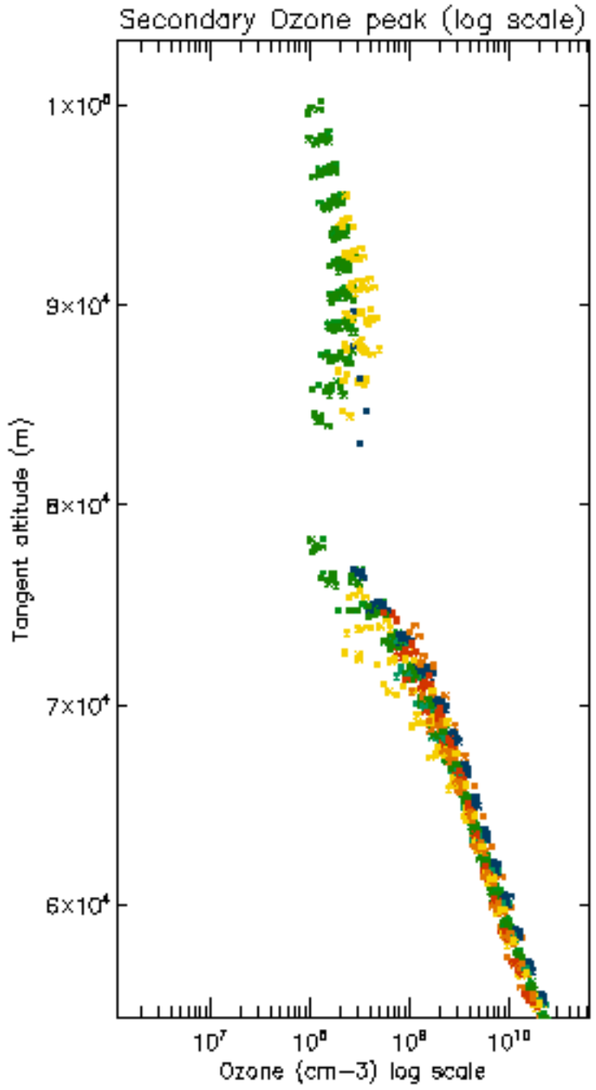

Secondary Ozone peak (log scale)

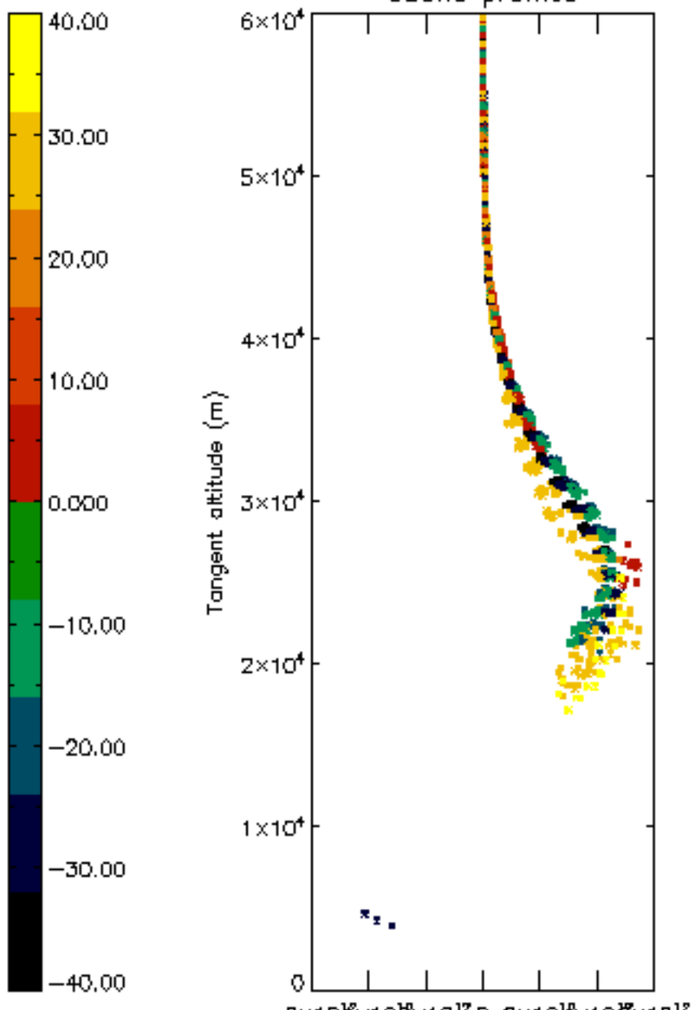



40.00
20.00
0.000
−20.00
−40.00
−60.00

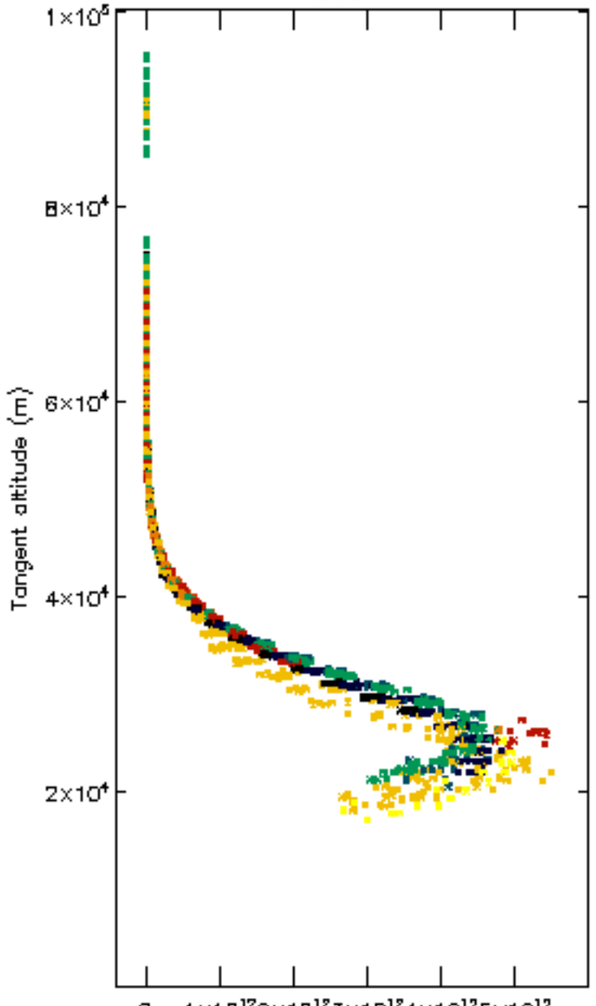

Ozone profiles
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
Tangent altitude (m)
−6×10¹²
−4×10¹²
−2×10¹²
0
2×10¹²
4×10¹²
6×10¹²
Ozone (cm−3)

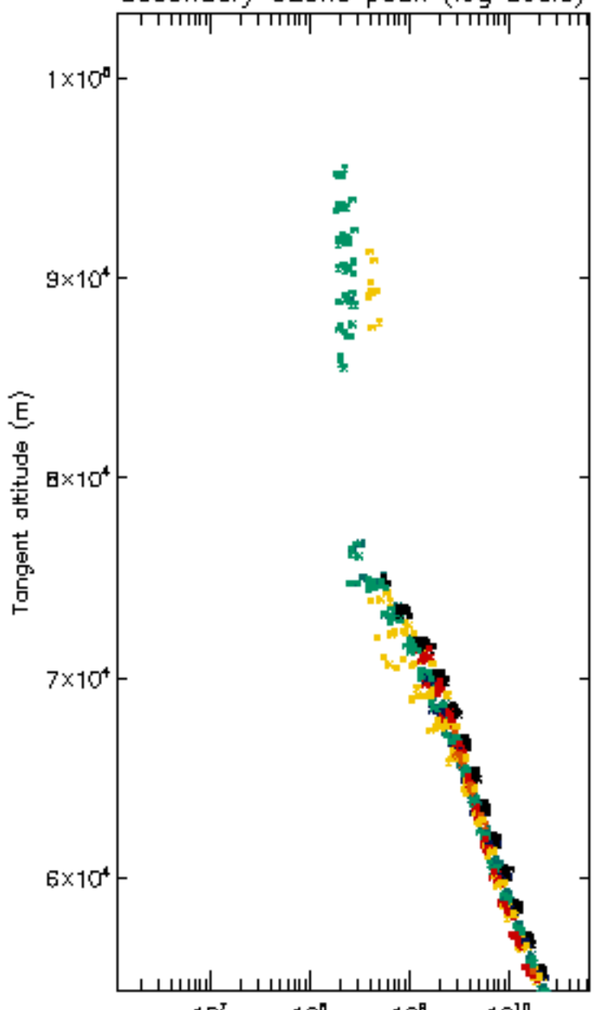

Zoom
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
Tangent altitude (m)
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

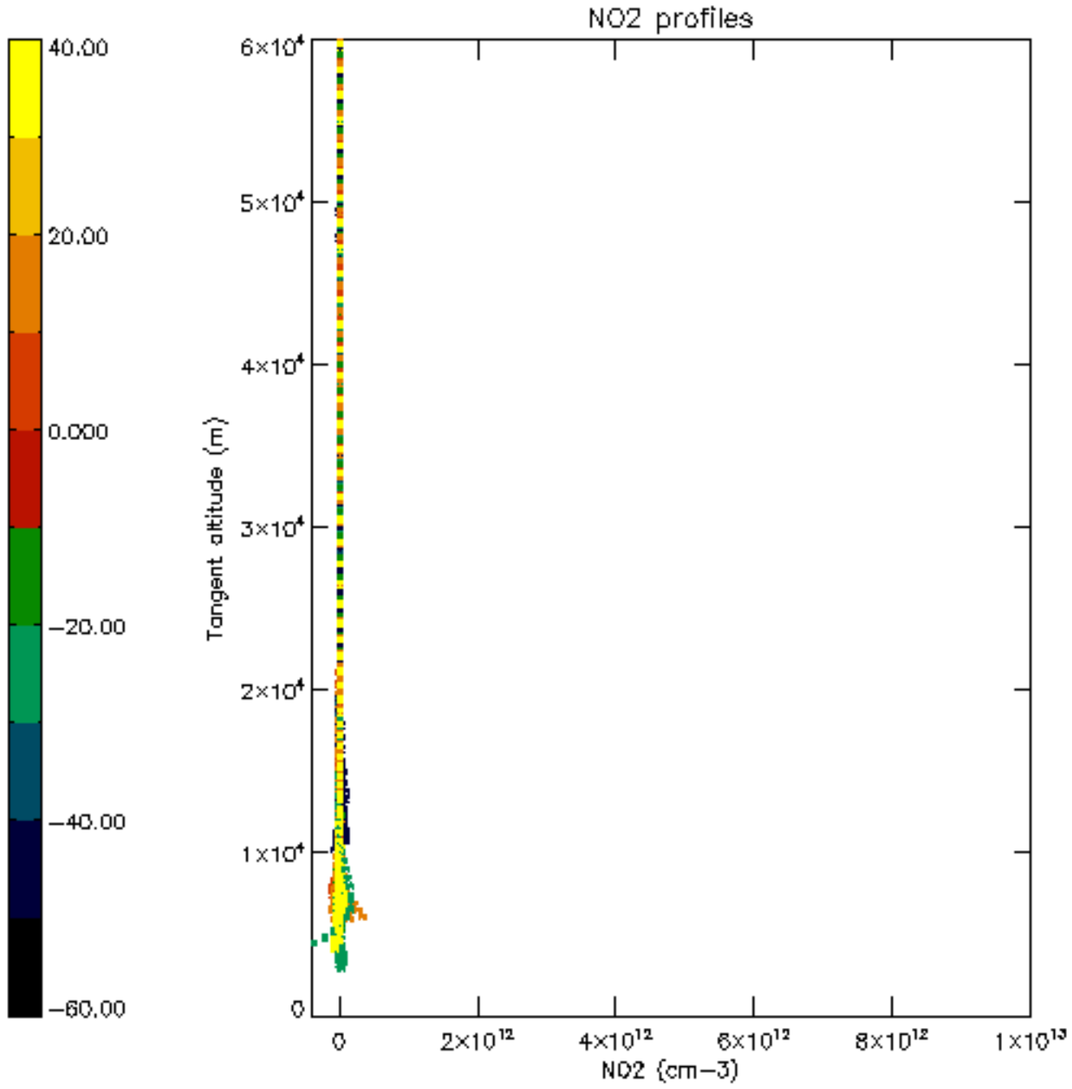

Secondary Ozone peak (log scale)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
Tangent altitude (m)
10⁷
10⁸
10⁸
10¹⁰
Ozone (cm−3) log scale

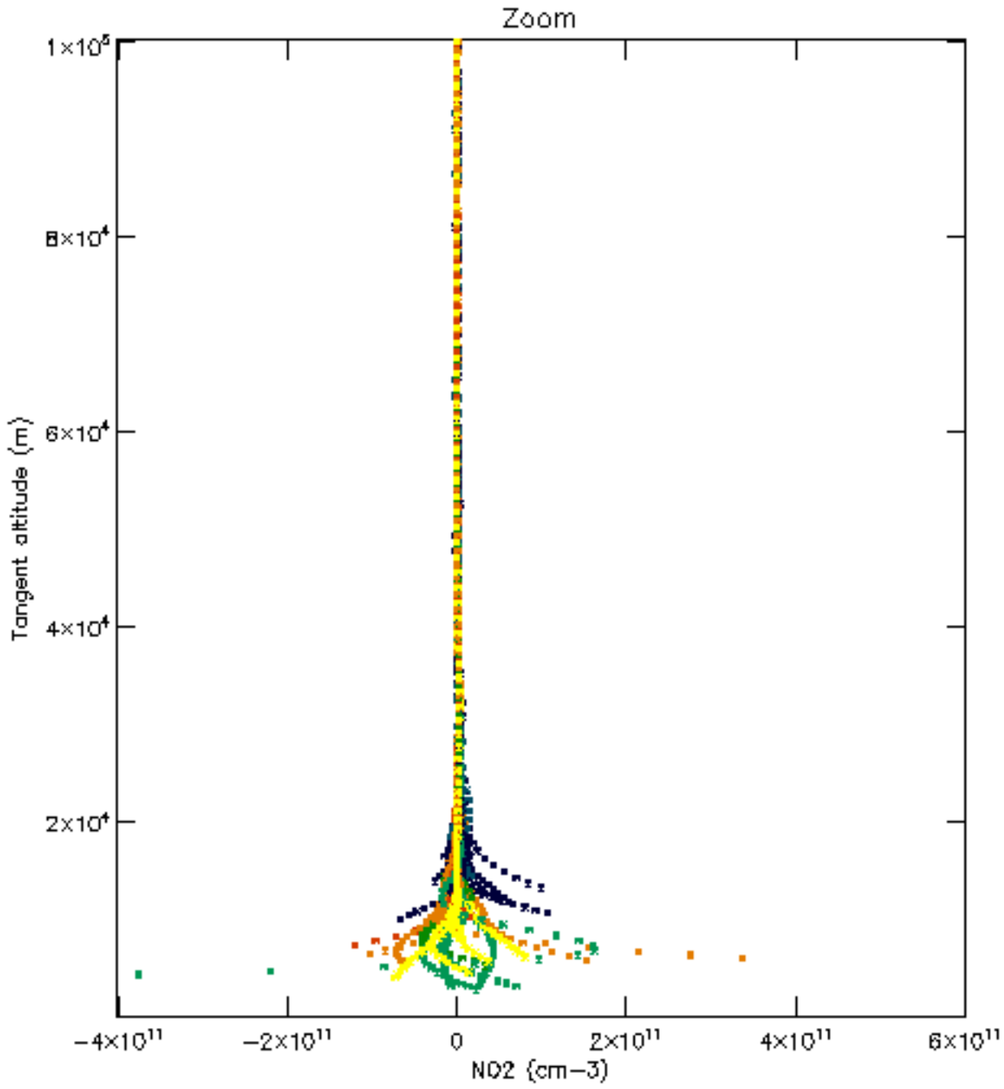

40.00
30.00
20.00
10.00
0.000
−10.00
−20.00
−30.00
−40.00

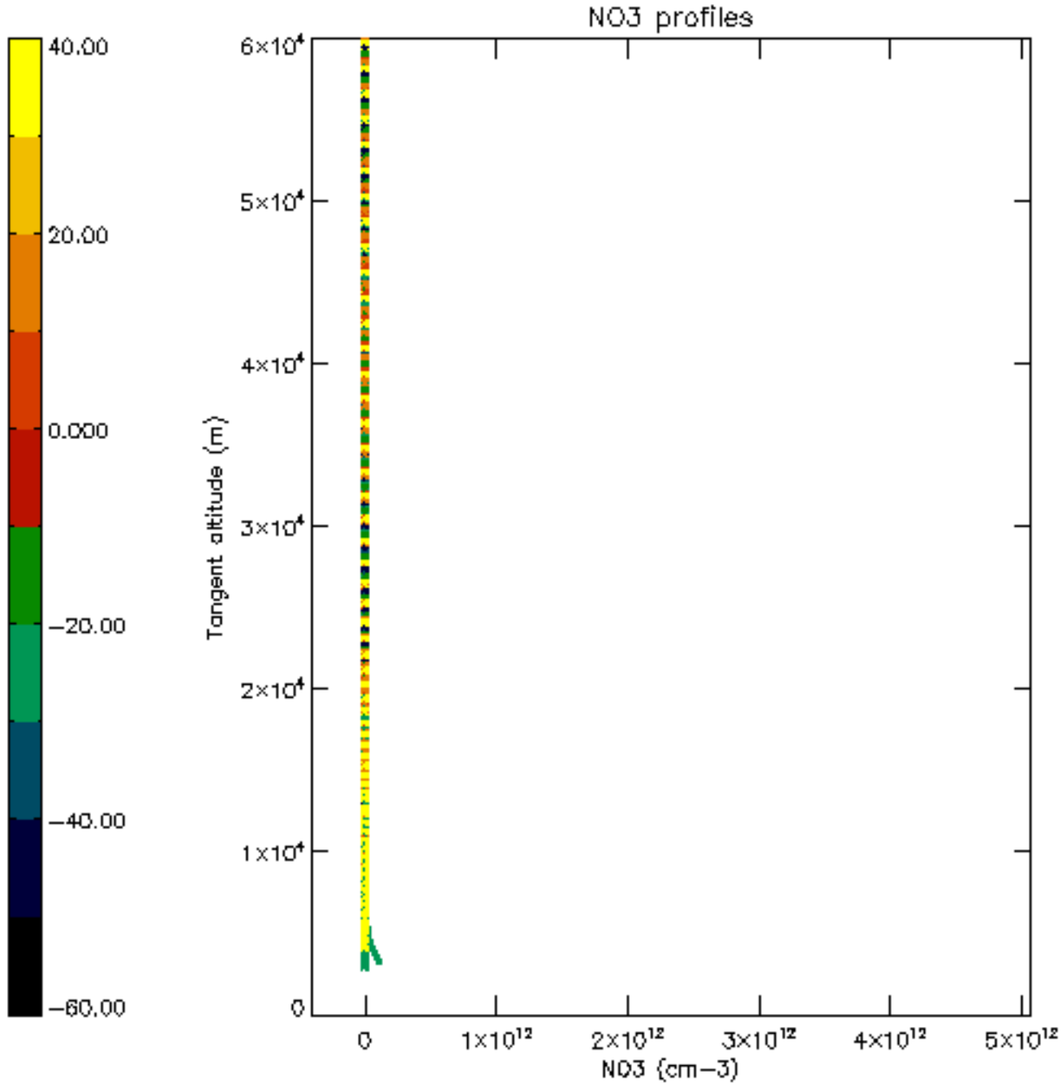

Ozone profiles
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
−6×10¹²
−4×10¹²
−2×10¹²
0
2×10¹²
4×10¹²
6×10¹²
Ozone (cm−3)

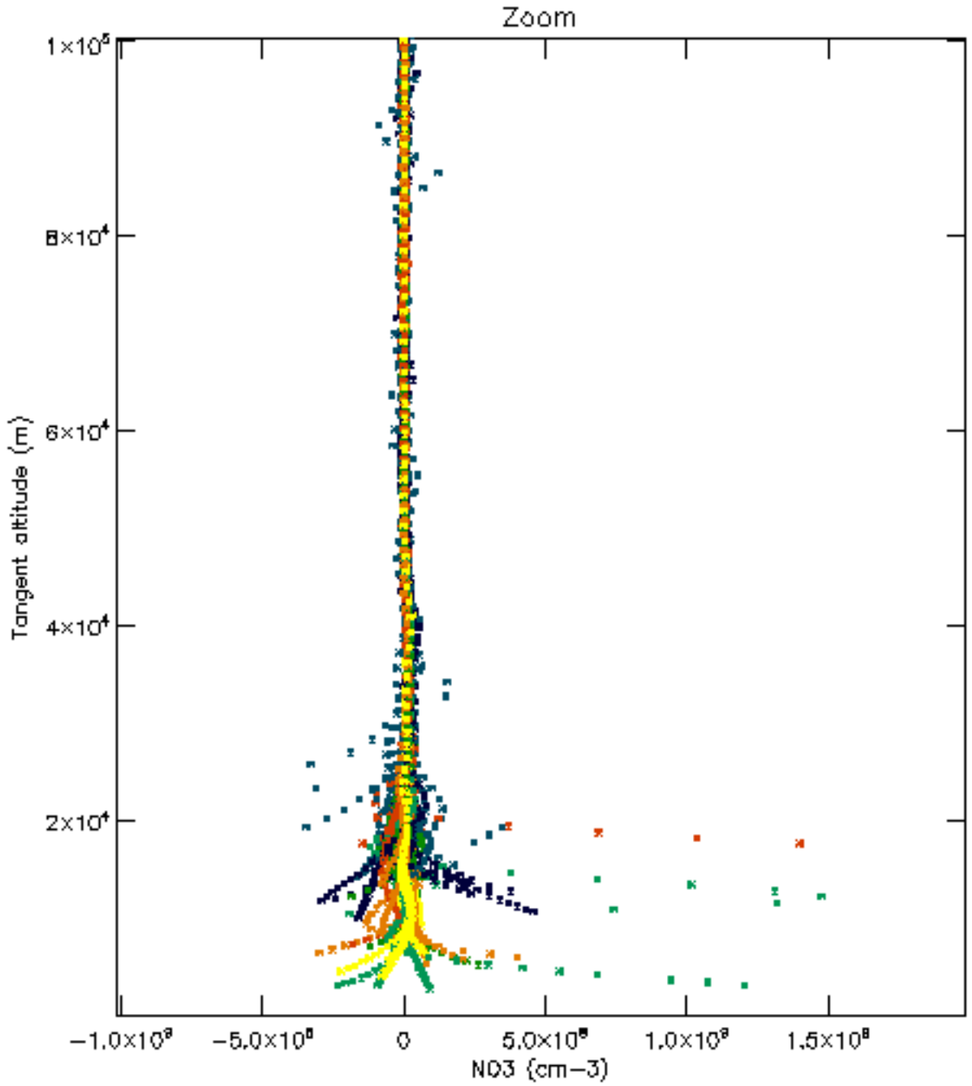

Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
Ozone (cm−3)

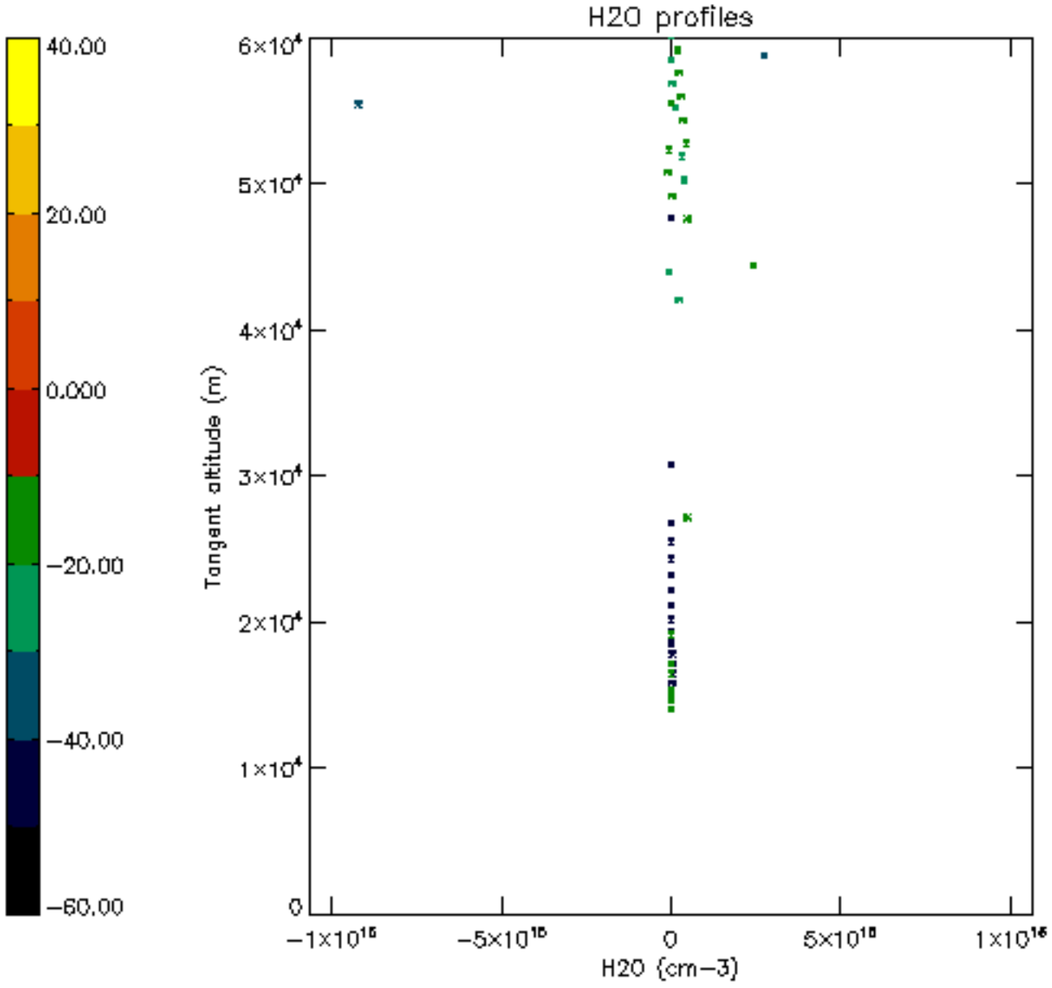

Secondary Ozone peak (log scale)
Tangent altitude (m)
1×10⁵
9×10⁴
8×10⁴
7×10⁴
6×10⁴
10⁷
10⁸
10⁹
10¹⁰
Ozone (cm−3) log scale

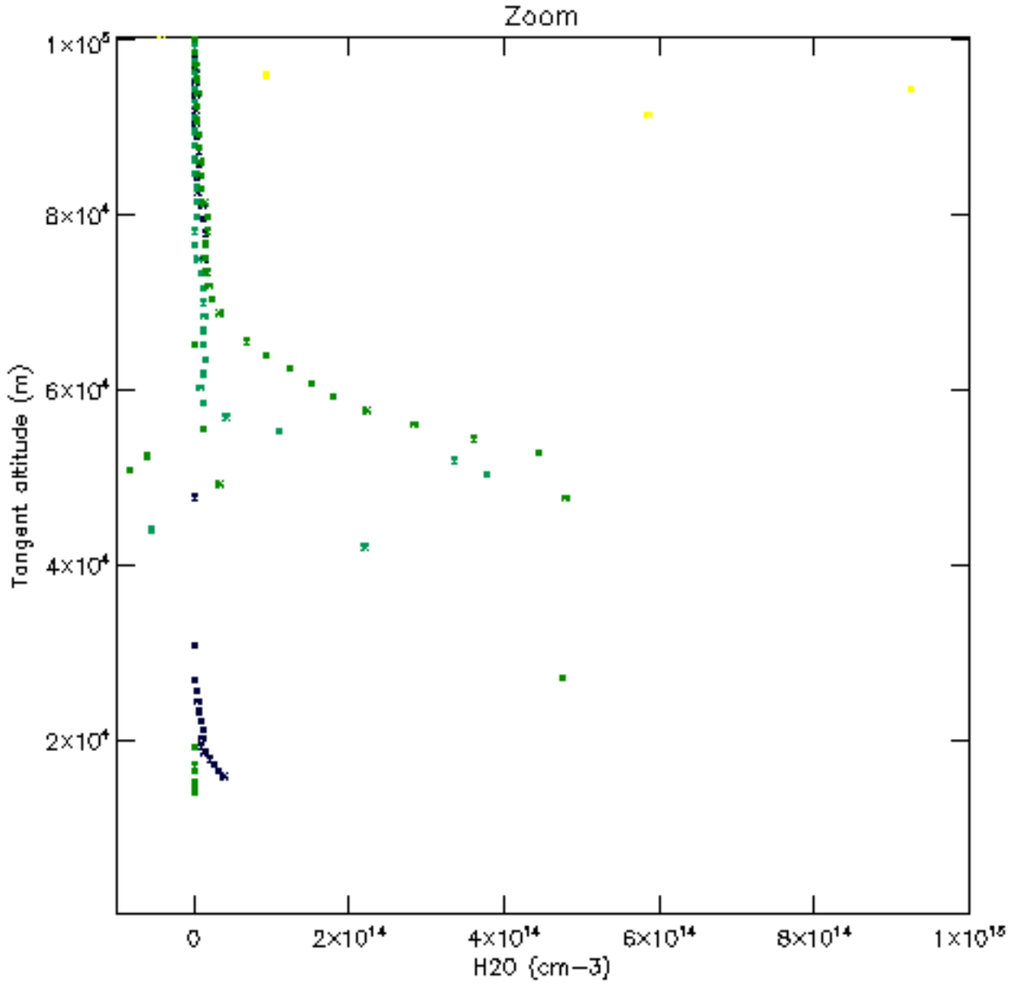

NO2 profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
2×10¹²
4×10¹²
6×10¹²
8×10¹²
1×10¹³
NO2 (cm−3)


Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−4×10¹¹
−2×10¹¹
0
2×10¹¹
4×10¹¹
6×10¹¹
NO2 (cm−3)


NO3 profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
0
1×10¹²
2×10¹²
3×10¹²
4×10¹²
5×10¹²
NO3 (cm−3)


Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
−1.0×10⁹
−5.0×10⁸
0
5.0×10⁸
1.0×10⁹
1.5×10⁹
NO3 (cm−3)


H2O profiles
40.00
20.00
0.000
−20.00
−40.00
−60.00
Tangent altitude (m)
6×10⁴
5×10⁴
4×10⁴
3×10⁴
2×10⁴
1×10⁴
0
−1×10¹⁵
−5×10¹⁴
0
5×10¹⁴
1×10¹⁵
H2O (cm−3)


Zoom
Tangent altitude (m)
1×10⁵
8×10⁴
6×10⁴
4×10⁴
2×10⁴
0
2×10¹⁴
4×10¹⁴
6×10¹⁴
8×10¹⁴
1×10¹⁵
H2O (cm−3)