

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[2. Summary of processed GOM_NL_2P products](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

| Item | Value |
|---------------------------|---------------------------------|
| Time of report generation | 24APR2013 15:49:53 |
| Data source version | GOMOS/6.01 |
| Start time of products | 16-07-2011 (16JUL2011 00:00:00) |
| Stop time of products | 17-07-2011 (17JUL2011 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 286 |
| 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__2PRFIN20110716_000043_00000463104_00303_49024_7196.N1 | 16-JUL-2011 00:00:43 | Dark | 46.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 92 | 49024 | No |
| 2 | GOM_NL__2PRFIN20110716_001549_00000453104_00304_49025_7178.N1 | 16-JUL-2011 00:15:49 | Dark | 45.000 | 9 | Alp Eri | 0.45300 | 24000. | 90 | 49025 | No |
| 3 | GOM_NL__2PRFIN20110716_001852_00000533104_00304_49025_7179.N1 | 16-JUL-2011 00:18:52 | Dark | 52.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 105 | 49025 | No |
| 4 | GOM_NL__2PRFIN20110716_002434_00000623104_00304_49025_7180.N1 | 16-JUL-2011 00:24:34 | Straylight | 62.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 124 | 49025 | No |
| 5 | GOM_NL__2PRFIN20110716_002609_00000483104_00304_49025_7181.N1 | 16-JUL-2011 00:26:09 | Straylight | 48.000 | 31 | Alp Gru | 1.7340 | 15200. | 96 | 49025 | No |
| 6 | GOM_NL__2PRFIN20110716_002921_00000523104_00304_49025_7182.N1 | 16-JUL-2011 00:29:21 | Straylight | 52.000 | 172 | Gam Gru | 3.0030 | 13100. | 104 | 49025 | No |
| 7 | GOM_NL__2PRFIN20110716_003821_00000393104_00304_49025_7183.N1 | 16-JUL-2011 00:38:21 | Bright | 39.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 78 | 49025 | No |
| 8 | GOM_NL__2PRFIN20110716_004854_00000393104_00304_49025_7184.N1 | 16-JUL-2011 00:48:54 | Bright | 39.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 78 | 49025 | No |
| 9 | GOM_NL__2PRFIN20110716_005556_00000373104_00304_49025_7185.N1 | 16-JUL-2011 00:55:56 | Bright | 36.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 73 | 49025 | No |
| 10 | GOM_NL__2PRFIN20110716_005905_00000403104_00304_49025_7186.N1 | 16-JUL-2011 00:59:05 | Bright | 40.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 80 | 49025 | No |
| 11 | GOM_NL__2PRFIN20110716_010614_00000443104_00304_49025_7187.N1 | 16-JUL-2011 01:06:14 | Bright | 44.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 88 | 49025 | No |
| 12 | GOM_NL__2PRFIN20110716_011502_00000693104_00304_49025_7188.N1 | 16-JUL-2011 01:15:02 | Bright | 68.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 137 | 49025 | No |
| 13 | GOM_NL__2PRFIN20110716_012007_00000623104_00304_49025_7189.N1 | 16-JUL-2011 01:20:07 | Bright | 62.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 124 | 49025 | No |
| 14 | GOM_NL__2PRFIN20110716_012129_00000423104_00304_49025_7190.N1 | 16-JUL-2011 01:21:29 | Bright | 42.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 84 | 49025 | No |
| 15 | GOM_NL__2PRFIN20110716_012425_00000463104_00304_49025_7191.N1 | 16-JUL-2011 01:24:25 | Bright | 46.000 | 79 | 26Bet Per | 2.3100 | 13100. | 92 | 49025 | No |
| 16 | GOM_NL__2PRFIN20110716_012720_00000453104_00304_49025_7192.N1 | 16-JUL-2011 01:27:20 | Twilight | 45.000 | 150 | 44Zet Per | 2.8900 | 28000. | 90 | 49025 | No |
| 17 | GOM_NL__2PRFIN20110716_012955_00000453104_00304_49025_7193.N1 | 16-JUL-2011 01:29:55 | Twilight | 45.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 90 | 49025 | No |
| 18 | GOM_NL__2PRFIN20110716_013130_00000413104_00304_49025_7194.N1 | 16-JUL-2011 01:31:30 | Twilight | 40.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 81 | 49025 | No |
| 19 | GOM_NL__2PRFIN20110716_013756_00000593104_00304_49025_7195.N1 | 16-JUL-2011 01:37:56 | Dark | 59.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 118 | 49025 | No |
| 20 | GOM_NL__2PRFIN20110716_014057_00000463104_00304_49025_7196.N1 | 16-JUL-2011 01:40:57 | Dark | 45.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 91 | 49025 | No |
| 21 | GOM_NL__2PRFIN20110716_014957_00000433104_00304_49025_7197.N1 | 16-JUL-2011 01:49:57 | Dark | 42.500 | 157 | The1Eri | 2.9060 | 9300.0 | 85 | 49025 | No |
| 22 | GOM_NL__2PRFIN20110716_015603_00000513104_00305_49026_7178.N1 | 16-JUL-2011 01:56:03 | Dark | 50.500 | 9 | Alp Eri | 0.45300 | 24000. | 101 | 49026 | No |
| 23 | GOM_NL__2PRFIN20110716_015907_00000553104_00305_49026_7179.N1 | 16-JUL-2011 01:59:07 | Dark | 55.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 110 | 49026 | No |
| 24 | GOM_NL__2PRFIN20110716_020449_00000623104_00305_49026_7180.N1 | 16-JUL-2011 02:04:49 | Straylight | 62.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 124 | 49026 | No |
| 25 | GOM_NL__2PRFIN20110716_020624_00000503104_00305_49026_7181.N1 | 16-JUL-2011 02:06:24 | Straylight | 49.500 | 31 | Alp Gru | 1.7340 | 15200. | 99 | 49026 | No |
| 26 | GOM_NL__2PRFIN20110716_020935_00000503104_00305_49026_7182.N1 | 16-JUL-2011 02:09:35 | Straylight | 49.500 | 172 | Gam Gru | 3.0030 | 13100. | 99 | 49026 | No |
| 27 | GOM_NL__2PRFIN20110716_021835_00000393104_00305_49026_7183.N1 | 16-JUL-2011 02:18:35 | Bright | 38.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 77 | 49026 | No |
| 28 | GOM_NL__2PRFIN20110716_022908_00000383104_00305_49026_7184.N1 | 16-JUL-2011 02:29:08 | Bright | 38.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 76 | 49026 | No |
| 29 | GOM_NL__2PRFIN20110716_023610_00000403104_00305_49026_7185.N1 | 16-JUL-2011 02:36:10 | Bright | 39.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 79 | 49026 | No |
| 30 | GOM_NL__2PRFIN20110716_023919_00000423104_00305_49026_7186.N1 | 16-JUL-2011 02:39:19 | Bright | 42.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 84 | 49026 | No |
| 31 | GOM_NL__2PRFIN20110716_024627_00000403104_00305_49026_7187.N1 | 16-JUL-2011 02:46:27 | Bright | 39.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 79 | 49026 | No |
| 32 | GOM_NL__2PRFIN20110716_025515_00000673104_00305_49026_7188.N1 | 16-JUL-2011 02:55:15 | Bright | 66.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 133 | 49026 | No |
| 33 | GOM_NL__2PRFIN20110716_030021_00000423104_00305_49026_7189.N1 | 16-JUL-2011 03:00:21 | Bright | 41.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 83 | 49026 | No |
| 34 | GOM_NL__2PRFIN20110716_030143_00000423104_00305_49026_7190.N1 | 16-JUL-2011 03:01:43 | Bright | 41.500 | 35 | 33Alp Per | 1.7950 | 6250.0 | 83 | 49026 | No |
| 35 | GOM_NL__2PRFIN20110716_030439_00000463104_00305_49026_7191.N1 | 16-JUL-2011 03:04:39 | Bright | 46.000 | 79 | 26Bet Per | 2.3100 | 13100. | 92 | 49026 | No |
| 36 | GOM_NL__2PRFIN20110716_030734_00000473104_00305_49026_7192.N1 | 16-JUL-2011 03:07:34 | Twilight | 47.000 | 150 | 44Zet Per | 2.8900 | 28000. | 94 | 49026 | No |
| 37 | GOM_NL__2PRFIN20110716_031010_00000453104_00305_49026_7193.N1 | 16-JUL-2011 03:10:10 | Twilight | 45.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 90 | 49026 | No |
| 38 | GOM_NL__2PRFIN20110716_031145_00000423104_00305_49026_7194.N1 | 16-JUL-2011 03:11:45 | Twilight | 42.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 84 | 49026 | No |
| 39 | GOM_NL__2PRFIN20110716_031811_00000593104_00305_49026_7195.N1 | 16-JUL-2011 03:18:11 | Dark | 59.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 118 | 49026 | No |
| 40 | GOM_NL__2PRFIN20110716_032112_00000483104_00305_49026_7196.N1 | 16-JUL-2011 03:21:12 | Dark | 47.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 95 | 49026 | No |
| 41 | GOM_NL__2PRFIN20110716_033011_00000433104_00305_49026_7197.N1 | 16-JUL-2011 03:30:11 | Dark | 43.000 | 157 | The1Eri | 2.9060 | 9300.0 | 86 | 49026 | No |
| 42 | GOM_NL__2PRFIN20110716_033618_00000543104_00306_49027_7178.N1 | 16-JUL-2011 03:36:18 | Dark | 54.000 | 9 | Alp Eri | 0.45300 | 24000. | 108 | 49027 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 43 | GOM_NL__2PRFIN20110716_033922_000000543104_00306_49027_7179.N1 | 16-JUL-2011 03:39:22 | Dark | 53.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 107 | 49027 | No |
| 44 | GOM_NL__2PRFIN20110716_034504_000000633104_00306_49027_7180.N1 | 16-JUL-2011 03:45:04 | Straylight | 63.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 126 | 49027 | No |
| 45 | GOM_NL__2PRFIN20110716_034638_000000493104_00306_49027_7181.N1 | 16-JUL-2011 03:46:38 | Straylight | 48.500 | 31 | Alp Gru | 1.7340 | 15200. | 97 | 49027 | No |
| 46 | GOM_NL__2PRFIN20110716_034950_000000523104_00306_49027_7182.N1 | 16-JUL-2011 03:49:50 | Straylight | 51.500 | 172 | Gam Gru | 3.0030 | 13100. | 103 | 49027 | No |
| 47 | GOM_NL__2PRFIN20110716_035850_000000393104_00306_49027_7183.N1 | 16-JUL-2011 03:58:50 | Bright | 38.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 77 | 49027 | No |
| 48 | GOM_NL__2PRFIN20110716_040922_000000393104_00306_49027_7184.N1 | 16-JUL-2011 04:09:22 | Bright | 38.500 | 168 | 17Zet Aql | 2.9860 | 11000. | 77 | 49027 | No |
| 49 | GOM_NL__2PRFIN20110716_041624_000000413104_00306_49027_7185.N1 | 16-JUL-2011 04:16:24 | Bright | 40.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 81 | 49027 | No |
| 50 | GOM_NL__2PRFIN20110716_041932_000000403104_00306_49027_7186.N1 | 16-JUL-2011 04:19:32 | Bright | 40.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 80 | 49027 | No |
| 51 | GOM_NL__2PRFIN20110716_042641_000000413104_00306_49027_7187.N1 | 16-JUL-2011 04:26:41 | Bright | 40.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 81 | 49027 | No |
| 52 | GOM_NL__2PRFIN20110716_043528_000000483104_00306_49027_7188.N1 | 16-JUL-2011 04:35:28 | Bright | 47.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 95 | 49027 | No |
| 53 | GOM_NL__2PRFIN20110716_044035_000000423104_00306_49027_7189.N1 | 16-JUL-2011 04:40:35 | Bright | 42.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 84 | 49027 | No |
| 54 | GOM_NL__2PRFIN20110716_044157_000000453104_00306_49027_7190.N1 | 16-JUL-2011 04:41:57 | Bright | 45.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 90 | 49027 | No |
| 55 | GOM_NL__2PRFIN20110716_044453_000000473104_00306_49027_7191.N1 | 16-JUL-2011 04:44:53 | Bright | 46.500 | 79 | 26Bet Per | 2.3100 | 13100. | 93 | 49027 | No |
| 56 | GOM_NL__2PRFIN20110716_044749_000000453104_00306_49027_7192.N1 | 16-JUL-2011 04:47:49 | Tw_i_and_stray | 45.000 | 150 | 44Zet Per | 2.8900 | 28000. | 90 | 49027 | No |
| 57 | GOM_NL__2PRFIN20110716_045024_000000453104_00306_49027_7193.N1 | 16-JUL-2011 04:50:24 | Twilight | 45.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 90 | 49027 | No |
| 58 | GOM_NL__2PRFIN20110716_045159_000000483104_00306_49027_7194.N1 | 16-JUL-2011 04:51:59 | Twilight | 48.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 96 | 49027 | No |
| 59 | GOM_NL__2PRFIN20110716_045826_000000603104_00306_49027_7195.N1 | 16-JUL-2011 04:58:26 | Dark | 59.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 119 | 49027 | No |
| 60 | GOM_NL__2PRFIN20110716_050126_000000473104_00306_49027_7196.N1 | 16-JUL-2011 05:01:26 | Dark | 46.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 93 | 49027 | No |
| 61 | GOM_NL__2PRFIN20110716_051026_000000433104_00306_49027_7197.N1 | 16-JUL-2011 05:10:26 | Dark | 42.500 | 157 | The1Eri | 2.9060 | 9300.0 | 85 | 49027 | No |
| 62 | GOM_NL__2PRFIN20110716_051633_000000523104_00307_49028_7178.N1 | 16-JUL-2011 05:16:33 | Dark | 52.000 | 9 | Alp Eri | 0.45300 | 24000. | 104 | 49028 | No |
| 63 | GOM_NL__2PRFIN20110716_051937_000000543104_00307_49028_7179.N1 | 16-JUL-2011 05:19:37 | Dark | 53.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 107 | 49028 | No |
| 64 | GOM_NL__2PRFIN20110716_052519_000000623104_00307_49028_7180.N1 | 16-JUL-2011 05:25:19 | Straylight | 62.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 124 | 49028 | No |
| 65 | GOM_NL__2PRFIN20110716_052653_000000473104_00307_49028_7181.N1 | 16-JUL-2011 05:26:53 | Straylight | 46.500 | 31 | Alp Gru | 1.7340 | 15200. | 93 | 49028 | No |
| 66 | GOM_NL__2PRFIN20110716_053005_000000503104_00307_49028_7182.N1 | 16-JUL-2011 05:30:05 | Straylight | 50.000 | 172 | Gam Gru | 3.0030 | 13100. | 100 | 49028 | No |
| 67 | GOM_NL__2PRFIN20110716_053904_000000393104_00307_49028_7183.N1 | 16-JUL-2011 05:39:04 | Bright | 39.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 78 | 49028 | No |
| 68 | GOM_NL__2PRFIN20110716_054936_000000393104_00307_49028_7184.N1 | 16-JUL-2011 05:49:36 | Bright | 39.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 78 | 49028 | No |
| 69 | GOM_NL__2PRFIN20110716_055638_000000393104_00307_49028_7185.N1 | 16-JUL-2011 05:56:38 | Bright | 39.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 78 | 49028 | No |
| 70 | GOM_NL__2PRFIN20110716_055946_000000423104_00307_49028_7186.N1 | 16-JUL-2011 05:59:46 | Bright | 42.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 84 | 49028 | No |
| 71 | GOM_NL__2PRFIN20110716_060654_000000443104_00307_49028_7187.N1 | 16-JUL-2011 06:06:54 | Bright | 44.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 88 | 49028 | No |
| 72 | GOM_NL__2PRFIN20110716_061542_000000473104_00307_49028_7188.N1 | 16-JUL-2011 06:15:42 | Bright | 46.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 93 | 49028 | No |
| 73 | GOM_NL__2PRFIN20110716_062049_000000623104_00307_49028_7189.N1 | 16-JUL-2011 06:20:49 | Bright | 62.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 124 | 49028 | No |
| 74 | GOM_NL__2PRFIN20110716_062211_000000423104_00307_49028_7190.N1 | 16-JUL-2011 06:22:11 | Bright | 42.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 84 | 49028 | No |
| 75 | GOM_NL__2PRFIN20110716_062507_000000443104_00307_49028_7191.N1 | 16-JUL-2011 06:25:07 | Bright | 43.500 | 79 | 26Bet Per | 2.3100 | 13100. | 87 | 49028 | No |
| 76 | GOM_NL__2PRFIN20110716_062803_000000453104_00307_49028_7192.N1 | 16-JUL-2011 06:28:03 | Tw_i_and_stray | 44.500 | 150 | 44Zet Per | 2.8900 | 28000. | 89 | 49028 | No |
| 77 | GOM_NL__2PRFIN20110716_063038_000000453104_00307_49028_7193.N1 | 16-JUL-2011 06:30:38 | Twilight | 45.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 90 | 49028 | No |
| 78 | GOM_NL__2PRFIN20110716_063213_000000473104_00307_49028_7194.N1 | 16-JUL-2011 06:32:13 | Twilight | 46.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 93 | 49028 | No |
| 79 | GOM_NL__2PRFIN20110716_063840_000000603104_00307_49028_7195.N1 | 16-JUL-2011 06:38:40 | Dark | 60.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 120 | 49028 | No |
| 80 | GOM_NL__2PRFIN20110716_064141_000000463104_00307_49028_7196.N1 | 16-JUL-2011 06:41:41 | Dark | 45.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 91 | 49028 | No |
| 81 | GOM_NL__2PRFIN20110716_065041_000000423104_00307_49028_7197.N1 | 16-JUL-2011 06:50:41 | Dark | 42.000 | 157 | The1Eri | 2.9060 | 9300.0 | 84 | 49028 | No |
| 82 | GOM_NL__2PRFIN20110716_065648_000000493104_00308_49029_7178.N1 | 16-JUL-2011 06:56:48 | Dark | 49.000 | 9 | Alp Eri | 0.45300 | 24000. | 98 | 49029 | No |
| 83 | GOM_NL__2PRFIN20110716_065952_000000513104_00308_49029_7179.N1 | 16-JUL-2011 06:59:52 | Dark | 51.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 102 | 49029 | No |
| 84 | GOM_NL__2PRFIN20110716_070534_000000493104_00308_49029_7180.N1 | 16-JUL-2011 07:05:34 | Straylight | 48.500 | 63 | Bet Gru | 2.1500 | 2800.0 | 97 | 49029 | No |
| 85 | GOM_NL__2PRFIN20110716_070708_000000473104_00308_49029_7181.N1 | 16-JUL-2011 07:07:08 | Straylight | 47.000 | 31 | Alp Gru | 1.7340 | 15200. | 94 | 49029 | No |
| 86 | GOM_NL__2PRFIN20110716_071020_000000523104_00308_49029_7182.N1 | 16-JUL-2011 07:10:20 | Straylight | 51.500 | 172 | Gam Gru | 3.0030 | 13100. | 103 | 49029 | No |
| 87 | GOM_NL__2PRFIN20110716_071918_000000393104_00308_49029_7183.N1 | 16-JUL-2011 07:19:18 | Bright | 39.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 78 | 49029 | No |
| 88 | GOM_NL__2PRFIN20110716_072950_000000393104_00308_49029_7184.N1 | 16-JUL-2011 07:29:50 | Bright | 38.500 | 168 | 17Zet Aql | 2.9860 | 11000. | 77 | 49029 | No |
| 89 | GOM_NL__2PRFIN20110716_073652_000000553104_00308_49029_7185.N1 | 16-JUL-2011 07:36:52 | Bright | 55.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 110 | 49029 | No |
| 90 | GOM_NL__2PRFIN20110716_074000_000000423104_00308_49029_7186.N1 | 16-JUL-2011 07:40:00 | Bright | 42.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 84 | 49029 | No |
| 91 | GOM_NL__2PRFIN20110716_074708_000000413104_00308_49029_7187.N1 | 16-JUL-2011 07:47:08 | Bright | 40.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 81 | 49029 | No |
| 92 | GOM_NL__2PRFIN20110716_075556_000000543104_00308_49029_7188.N1 | 16-JUL-2011 07:55:56 | Bright | 54.000 | 76 | 27Gam Cas | 2.3000 | 30000. | 108 | 49029 | No |
| 93 | GOM_NL__2PRFIN20110716_080103_000000483104_00308_49029_7189.N1 | 16-JUL-2011 08:01:03 | Bright | 47.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 95 | 49029 | No |
| 94 | GOM_NL__2PRFIN20110716_080225_000000433104_00308_49029_7190.N1 | 16-JUL-2011 08:02:25 | Bright | 43.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 86 | 49029 | No |
| 95 | GOM_NL__2PRFIN20110716_080521_000000483104_00308_49029_7191.N1 | 16-JUL-2011 08:05:21 | Bright | 48.000 | 79 | 26Bet Per | 2.3100 | 13100. | 96 | 49029 | No |
| 96 | GOM_NL__2PRFIN20110716_080817_000000463104_00308_49029_7192.N1 | 16-JUL-2011 08:08:17 | Tw_i_and_stray | 46.000 | 150 | 44Zet Per | 2.8900 | 28000. | 92 | 49029 | No |
| 97 | GOM_NL__2PRFIN20110716_081052_000000463104_00308_49029_7193.N1 | 16-JUL-2011 08:10:52 | Twilight | 45.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 91 | 49029 | No |
| 98 | GOM_NL__2PRFIN20110716_081227_000000453104_00308_49029_7194.N1 | 16-JUL-2011 08:12:27 | Twilight | 44.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 89 | 49029 | No |
| 99 | GOM_NL__2PRFIN20110716_081855_000000593104_00308_49029_7195.N1 | 16-JUL-2011 08:18:55 | Dark | 59.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 118 | 49029 | No |
| 100 | GOM_NL__2PRFIN20110716_082155_000000473104_00308_49029_7196.N1 | 16-JUL-2011 08:21:55 | Dark | 46.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 93 | 49029 | No |
| 101 | GOM_NL__2PRFIN20110716_083056_000000413104_00308_49029_7197.N1 | 16-JUL-2011 08:30:56 | Dark | 41.000 | 157 | The1Eri | 2.9060 | 9300.0 | 82 | 49029 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20110716_083702_000000513104_00309_49030_7178.N1 | 16-JUL-2011 08:37:02 | Dark | 50.500 | 9 | Alp Eri | 0.45300 | 24000. | 101 | 49030 | No |
| 103 | GOM_NL__2PRFIN20110716_084007_000000523104_00309_49030_7179.N1 | 16-JUL-2011 08:40:07 | Dark | 51.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 103 | 49030 | No |
| 104 | GOM_NL__2PRFIN20110716_084549_000000663104_00309_49030_7180.N1 | 16-JUL-2011 08:45:49 | Straylight | 66.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 132 | 49030 | No |
| 105 | GOM_NL__2PRFIN20110716_084723_000000483104_00309_49030_7181.N1 | 16-JUL-2011 08:47:23 | Straylight | 48.000 | 31 | Alp Gru | 1.7340 | 15200. | 96 | 49030 | No |
| 106 | GOM_NL__2PRFIN20110716_085035_000000543104_00309_49030_7182.N1 | 16-JUL-2011 08:50:35 | Straylight | 53.500 | 172 | Gam Gru | 3.0030 | 13100. | 107 | 49030 | No |
| 107 | GOM_NL__2PRFIN20110716_085932_000000393104_00309_49030_7183.N1 | 16-JUL-2011 08:59:32 | Bright | 39.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 78 | 49030 | No |
| 108 | GOM_NL__2PRFIN20110716_091004_000000383104_00309_49030_7184.N1 | 16-JUL-2011 09:10:04 | Bright | 38.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 76 | 49030 | No |
| 109 | GOM_NL__2PRFIN20110716_091706_000000543104_00309_49030_7185.N1 | 16-JUL-2011 09:17:06 | Bright | 53.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 107 | 49030 | No |
| 110 | GOM_NL__2PRFIN20110716_092013_000000433104_00309_49030_7186.N1 | 16-JUL-2011 09:20:13 | Bright | 42.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 85 | 49030 | No |
| 111 | GOM_NL__2PRFIN20110716_092721_000000443104_00309_49030_7187.N1 | 16-JUL-2011 09:27:21 | Bright | 43.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 87 | 49030 | No |
| 112 | GOM_NL__2PRFIN20110716_093609_000000493104_00309_49030_7188.N1 | 16-JUL-2011 09:36:09 | Bright | 49.000 | 76 | 27Gam Cas | 2.3000 | 30000. | 98 | 49030 | No |
| 113 | GOM_NL__2PRFIN20110716_094116_000000573104_00309_49030_7189.N1 | 16-JUL-2011 09:41:16 | Bright | 57.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 114 | 49030 | No |
| 114 | GOM_NL__2PRFIN20110716_094238_000000413104_00309_49030_7190.N1 | 16-JUL-2011 09:42:38 | Bright | 41.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 82 | 49030 | No |
| 115 | GOM_NL__2PRFIN20110716_094535_000000473104_00309_49030_7191.N1 | 16-JUL-2011 09:45:35 | Bright | 47.000 | 79 | 26Bet Per | 2.3100 | 13100. | 94 | 49030 | No |
| 116 | GOM_NL__2PRFIN20110716_094831_000000453104_00309_49030_7192.N1 | 16-JUL-2011 09:48:31 | Twilight | 45.000 | 150 | 44Zet Per | 2.8900 | 28000. | 90 | 49030 | No |
| 117 | GOM_NL__2PRFIN20110716_095107_000000433104_00309_49030_7193.N1 | 16-JUL-2011 09:51:07 | Twilight | 42.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 85 | 49030 | No |
| 118 | GOM_NL__2PRFIN20110716_095242_000000463104_00309_49030_7194.N1 | 16-JUL-2011 09:52:42 | Twilight | 46.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 92 | 49030 | No |
| 119 | GOM_NL__2PRFIN20110716_095910_000000623104_00309_49030_7195.N1 | 16-JUL-2011 09:59:10 | Dark | 62.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 124 | 49030 | No |
| 120 | GOM_NL__2PRFIN20110716_100210_000000453104_00309_49030_7196.N1 | 16-JUL-2011 10:02:10 | Dark | 45.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 90 | 49030 | No |
| 121 | GOM_NL__2PRFIN20110716_101110_000000433104_00309_49030_7197.N1 | 16-JUL-2011 10:11:10 | Dark | 42.500 | 157 | The1Eri | 2.9060 | 9300.0 | 85 | 49030 | No |
| 122 | GOM_NL__2PRFIN20110716_101717_000000523104_00310_49031_7178.N1 | 16-JUL-2011 10:17:17 | Dark | 51.500 | 9 | Alp Eri | 0.45300 | 24000. | 103 | 49031 | No |
| 123 | GOM_NL__2PRFIN20110716_102022_000000523104_00310_49031_7179.N1 | 16-JUL-2011 10:20:22 | Dark | 52.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 104 | 49031 | No |
| 124 | GOM_NL__2PRFIN20110716_102603_000000583104_00310_49031_7180.N1 | 16-JUL-2011 10:26:03 | Straylight | 58.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 116 | 49031 | No |
| 125 | GOM_NL__2PRFIN20110716_102737_000000513104_00310_49031_7181.N1 | 16-JUL-2011 10:27:37 | Straylight | 50.500 | 31 | Alp Gru | 1.7340 | 15200. | 101 | 49031 | No |
| 126 | GOM_NL__2PRFIN20110716_103049_000000533104_00310_49031_7182.N1 | 16-JUL-2011 10:30:49 | Straylight | 53.000 | 172 | Gam Gru | 3.0030 | 13100. | 106 | 49031 | No |
| 127 | GOM_NL__2PRFIN20110716_103946_000000393104_00310_49031_7183.N1 | 16-JUL-2011 10:39:46 | Bright | 39.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 78 | 49031 | No |
| 128 | GOM_NL__2PRFIN20110716_105017_000000403104_00310_49031_7184.N1 | 16-JUL-2011 10:50:17 | Bright | 39.500 | 168 | 17Zet Aql | 2.9860 | 11000. | 79 | 49031 | No |
| 129 | GOM_NL__2PRFIN20110716_105719_000000403104_00310_49031_7185.N1 | 16-JUL-2011 10:57:19 | Bright | 39.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 79 | 49031 | No |
| 130 | GOM_NL__2PRFIN20110716_110026_000000423104_00310_49031_7186.N1 | 16-JUL-2011 11:00:26 | Bright | 42.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 84 | 49031 | No |
| 131 | GOM_NL__2PRFIN20110716_110734_000000433104_00310_49031_7187.N1 | 16-JUL-2011 11:07:34 | Bright | 42.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 85 | 49031 | No |
| 132 | GOM_NL__2PRFIN20110716_111622_000000463104_00310_49031_7188.N1 | 16-JUL-2011 11:16:22 | Bright | 46.000 | 76 | 27Gam Cas | 2.3000 | 30000. | 92 | 49031 | No |
| 133 | GOM_NL__2PRFIN20110716_112130_000000493104_00310_49031_7189.N1 | 16-JUL-2011 11:21:30 | Bright | 48.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 97 | 49031 | No |
| 134 | GOM_NL__2PRFIN20110716_112252_000000473104_00310_49031_7190.N1 | 16-JUL-2011 11:22:52 | Bright | 46.500 | 35 | 33Alp Per | 1.7950 | 6250.0 | 93 | 49031 | No |
| 135 | GOM_NL__2PRFIN20110716_112549_000000483104_00310_49031_7191.N1 | 16-JUL-2011 11:25:49 | Bright | 48.000 | 79 | 26Bet Per | 2.3100 | 13100. | 96 | 49031 | No |
| 136 | GOM_NL__2PRFIN20110716_112845_000000453104_00310_49031_7192.N1 | 16-JUL-2011 11:28:45 | Twilight | 44.500 | 150 | 44Zet Per | 2.8900 | 28000. | 89 | 49031 | No |
| 137 | GOM_NL__2PRFIN20110716_113121_000000463104_00310_49031_7193.N1 | 16-JUL-2011 11:31:21 | Twilight | 46.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 92 | 49031 | No |
| 138 | GOM_NL__2PRFIN20110716_113256_000000493104_00310_49031_7194.N1 | 16-JUL-2011 11:32:56 | Twilight | 49.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 98 | 49031 | No |
| 139 | GOM_NL__2PRFIN20110716_113925_000000593104_00310_49031_7195.N1 | 16-JUL-2011 11:39:25 | Dark | 59.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 118 | 49031 | No |
| 140 | GOM_NL__2PRFIN20110716_114224_000000463104_00310_49031_7196.N1 | 16-JUL-2011 11:42:24 | Dark | 45.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 91 | 49031 | No |
| 141 | GOM_NL__2PRFIN20110716_115125_000000403104_00310_49031_7197.N1 | 16-JUL-2011 11:51:25 | Dark | 39.500 | 157 | The1Eri | 2.9060 | 9300.0 | 79 | 49031 | No |
| 142 | GOM_NL__2PRFIN20110716_115731_000000433104_00311_49032_7178.N1 | 16-JUL-2011 11:57:31 | Dark | 43.000 | 9 | Alp Eri | 0.45300 | 24000. | 86 | 49032 | No |
| 143 | GOM_NL__2PRFIN20110716_120038_000000543104_00311_49032_7179.N1 | 16-JUL-2011 12:00:38 | Dark | 54.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 108 | 49032 | No |
| 144 | GOM_NL__2PRFIN20110716_120618_000000523104_00311_49032_7180.N1 | 16-JUL-2011 12:06:18 | Straylight | 52.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 104 | 49032 | No |
| 145 | GOM_NL__2PRFIN20110716_120752_000000473104_00311_49032_7181.N1 | 16-JUL-2011 12:07:52 | Straylight | 47.000 | 31 | Alp Gru | 1.7340 | 15200. | 94 | 49032 | No |
| 146 | GOM_NL__2PRFIN20110716_121104_000000533104_00311_49032_7182.N1 | 16-JUL-2011 12:11:04 | Straylight | 52.500 | 172 | Gam Gru | 3.0030 | 13100. | 105 | 49032 | No |
| 147 | GOM_NL__2PRFIN20110716_122001_000000393104_00311_49032_7183.N1 | 16-JUL-2011 12:20:01 | Bright | 38.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 77 | 49032 | No |
| 148 | GOM_NL__2PRFIN20110716_123031_000000383104_00311_49032_7184.N1 | 16-JUL-2011 12:30:31 | Bright | 38.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 76 | 49032 | No |
| 149 | GOM_NL__2PRFIN20110716_123733_000000403104_00311_49032_7185.N1 | 16-JUL-2011 12:37:33 | Bright | 39.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 79 | 49032 | No |
| 150 | GOM_NL__2PRFIN20110716_124040_000000423104_00311_49032_7186.N1 | 16-JUL-2011 12:40:40 | Bright | 41.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 83 | 49032 | No |
| 151 | GOM_NL__2PRFIN20110716_124748_000000413104_00311_49032_7187.N1 | 16-JUL-2011 12:47:48 | Bright | 41.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 82 | 49032 | No |
| 152 | GOM_NL__2PRFIN20110716_125636_000000473104_00311_49032_7188.N1 | 16-JUL-2011 12:56:36 | Bright | 47.000 | 76 | 27Gam Cas | 2.3000 | 30000. | 94 | 49032 | No |
| 153 | GOM_NL__2PRFIN20110716_130144_000000423104_00311_49032_7189.N1 | 16-JUL-2011 13:01:44 | Bright | 42.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 84 | 49032 | No |
| 154 | GOM_NL__2PRFIN20110716_130306_000000433104_00311_49032_7190.N1 | 16-JUL-2011 13:03:06 | Bright | 43.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 86 | 49032 | No |
| 155 | GOM_NL__2PRFIN20110716_130603_000000493104_00311_49032_7191.N1 | 16-JUL-2011 13:06:03 | Bright | 49.000 | 79 | 26Bet Per | 2.3100 | 13100. | 98 | 49032 | No |
| 156 | GOM_NL__2PRFIN20110716_130859_000000463104_00311_49032_7192.N1 | 16-JUL-2011 13:08:59 | Twilight | 45.500 | 150 | 44Zet Per | 2.8900 | 28000. | 91 | 49032 | No |
| 157 | GOM_NL__2PRFIN20110716_131135_000000463104_00311_49032_7193.N1 | 16-JUL-2011 13:11:35 | Twilight | 46.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 92 | 49032 | No |
| 158 | GOM_NL__2PRFIN20110716_131310_000000473104_00311_49032_7194.N1 | 16-JUL-2011 13:13:10 | Twilight | 47.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 94 | 49032 | No |
| 159 | GOM_NL__2PRFIN20110716_131939_000000603104_00311_49032_7195.N1 | 16-JUL-2011 13:19:39 | Dark | 60.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 120 | 49032 | No |
| 160 | GOM_NL__2PRFIN20110716_132239_000000463104_00311_49032_7196.N1 | 16-JUL-2011 13:22:39 | Dark | 46.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 92 | 49032 | No |

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|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20110716_133140_000000443104_00311_49032_7197.N1 | 16-JUL-2011 13:31:40 | Dark | 43.500 | 157 | The1Eri | 2.9060 | 9300.0 | 87 | 49032 | No |
| 162 | GOM_NL__2PRFIN20110716_133746_000000533104_00312_49033_7178.N1 | 16-JUL-2011 13:37:46 | Dark | 52.500 | 9 | Alp Eri | 0.45300 | 24000. | 105 | 49033 | No |
| 163 | GOM_NL__2PRFIN20110716_134053_000000543104_00312_49033_7179.N1 | 16-JUL-2011 13:40:53 | Dark | 53.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 107 | 49033 | No |
| 164 | GOM_NL__2PRFIN20110716_134633_000000503104_00312_49033_7180.N1 | 16-JUL-2011 13:46:33 | Straylight | 49.500 | 63 | Bet Gru | 2.1500 | 2800.0 | 99 | 49033 | No |
| 165 | GOM_NL__2PRFIN20110716_134807_000000473104_00312_49033_7181.N1 | 16-JUL-2011 13:48:07 | Straylight | 47.000 | 31 | Alp Gru | 1.7340 | 15200. | 94 | 49033 | No |
| 166 | GOM_NL__2PRFIN20110716_135119_000000493104_00312_49033_7182.N1 | 16-JUL-2011 13:51:19 | Straylight | 49.000 | 172 | Gam Gru | 3.0030 | 13100. | 98 | 49033 | No |
| 167 | GOM_NL__2PRFIN20110716_140015_000000403104_00312_49033_7183.N1 | 16-JUL-2011 14:00:15 | Bright | 39.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 79 | 49033 | No |
| 168 | GOM_NL__2PRFIN20110716_141045_000000393104_00312_49033_7184.N1 | 16-JUL-2011 14:10:45 | Bright | 38.500 | 168 | 17Zet Aql | 2.9860 | 11000. | 77 | 49033 | No |
| 169 | GOM_NL__2PRFIN20110716_141747_000000533104_00312_49033_7185.N1 | 16-JUL-2011 14:17:47 | Bright | 52.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 105 | 49033 | No |
| 170 | GOM_NL__2PRFIN20110716_142053_000000423104_00312_49033_7186.N1 | 16-JUL-2011 14:20:53 | Bright | 42.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 84 | 49033 | No |
| 171 | GOM_NL__2PRFIN20110716_142801_000000403104_00312_49033_7187.N1 | 16-JUL-2011 14:28:01 | Bright | 40.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 80 | 49033 | No |
| 172 | GOM_NL__2PRFIN20110716_143649_000000633104_00312_49033_7188.N1 | 16-JUL-2011 14:36:49 | Bright | 63.000 | 76 | 27Gam Cas | 2.3000 | 30000. | 126 | 49033 | No |
| 173 | GOM_NL__2PRFIN20110716_144158_000000623104_00312_49033_7189.N1 | 16-JUL-2011 14:41:58 | Bright | 62.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 124 | 49033 | No |
| 174 | GOM_NL__2PRFIN20110716_144320_000000613104_00312_49033_7190.N1 | 16-JUL-2011 14:43:20 | Bright | 61.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 122 | 49033 | No |
| 175 | GOM_NL__2PRFIN20110716_144617_000000473104_00312_49033_7191.N1 | 16-JUL-2011 14:46:17 | Bright | 46.500 | 79 | 26Bet Per | 2.3100 | 13100. | 93 | 49033 | No |
| 176 | GOM_NL__2PRFIN20110716_144913_000000473104_00312_49033_7192.N1 | 16-JUL-2011 14:49:13 | Twilight | 47.000 | 150 | 44Zet Per | 2.8900 | 28000. | 94 | 49033 | No |
| 177 | GOM_NL__2PRFIN20110716_145149_000000443104_00312_49033_7193.N1 | 16-JUL-2011 14:51:49 | Twilight | 43.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 87 | 49033 | No |
| 178 | GOM_NL__2PRFIN20110716_145324_000000473104_00312_49033_7194.N1 | 16-JUL-2011 14:53:24 | Twilight | 47.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 94 | 49033 | No |
| 179 | GOM_NL__2PRFIN20110716_145954_000000613104_00312_49033_7195.N1 | 16-JUL-2011 14:59:54 | Dark | 60.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 121 | 49033 | No |
| 180 | GOM_NL__2PRFIN20110716_150253_000000473104_00312_49033_7196.N1 | 16-JUL-2011 15:02:53 | Dark | 47.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 94 | 49033 | No |
| 181 | GOM_NL__2PRFIN20110716_151154_000000413104_00312_49033_7197.N1 | 16-JUL-2011 15:11:54 | Dark | 41.000 | 157 | The1Eri | 2.9060 | 9300.0 | 82 | 49033 | No |
| 182 | GOM_NL__2PRFIN20110716_151800_000000433104_00313_49034_7198.N1 | 16-JUL-2011 15:18:00 | Dark | 42.500 | 9 | Alp Eri | 0.45300 | 24000. | 85 | 49034 | No |
| 183 | GOM_NL__2PRFIN20110716_152108_000000533104_00313_49034_7199.N1 | 16-JUL-2011 15:21:08 | Dark | 53.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 106 | 49034 | No |
| 184 | GOM_NL__2PRFIN20110716_152648_000000513104_00313_49034_7200.N1 | 16-JUL-2011 15:26:48 | Straylight | 50.500 | 63 | Bet Gru | 2.1500 | 2800.0 | 101 | 49034 | No |
| 185 | GOM_NL__2PRFIN20110716_152821_000000473104_00313_49034_7201.N1 | 16-JUL-2011 15:28:21 | Straylight | 47.000 | 31 | Alp Gru | 1.7340 | 15200. | 94 | 49034 | No |
| 186 | GOM_NL__2PRFIN20110716_153133_000000513104_00313_49034_7202.N1 | 16-JUL-2011 15:31:33 | Straylight | 50.500 | 172 | Gam Gru | 3.0030 | 13100. | 101 | 49034 | No |
| 187 | GOM_NL__2PRFIN20110716_154029_000000383104_00313_49034_7203.N1 | 16-JUL-2011 15:40:29 | Bright | 38.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 76 | 49034 | No |
| 188 | GOM_NL__2PRFIN20110716_155059_000000393104_00313_49034_7204.N1 | 16-JUL-2011 15:50:59 | Bright | 39.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 78 | 49034 | No |
| 189 | GOM_NL__2PRFIN20110716_155801_000000403104_00313_49034_7205.N1 | 16-JUL-2011 15:58:01 | Bright | 40.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 80 | 49034 | No |
| 190 | GOM_NL__2PRFIN20110716_160107_000000423104_00313_49034_7206.N1 | 16-JUL-2011 16:01:07 | Bright | 42.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 84 | 49034 | No |
| 191 | GOM_NL__2PRFIN20110716_160815_000000403104_00313_49034_7207.N1 | 16-JUL-2011 16:08:15 | Bright | 40.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 80 | 49034 | No |
| 192 | GOM_NL__2PRFIN20110716_161703_000000473104_00313_49034_7208.N1 | 16-JUL-2011 16:17:03 | Bright | 47.000 | 76 | 27Gam Cas | 2.3000 | 30000. | 94 | 49034 | No |
| 193 | GOM_NL__2PRFIN20110716_162211_000000623104_00313_49034_7209.N1 | 16-JUL-2011 16:22:11 | Bright | 62.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 124 | 49034 | No |
| 194 | GOM_NL__2PRFIN20110716_162334_000000423104_00313_49034_7210.N1 | 16-JUL-2011 16:23:34 | Bright | 42.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 84 | 49034 | No |
| 195 | GOM_NL__2PRFIN20110716_162630_000000483104_00313_49034_7211.N1 | 16-JUL-2011 16:26:30 | Bright | 47.500 | 79 | 26Bet Per | 2.3100 | 13100. | 95 | 49034 | No |
| 196 | GOM_NL__2PRFIN20110716_162928_000000443104_00313_49034_7212.N1 | 16-JUL-2011 16:29:28 | Twilight | 44.000 | 150 | 44Zet Per | 2.8900 | 28000. | 88 | 49034 | No |
| 197 | GOM_NL__2PRFIN20110716_163203_000000453104_00313_49034_7213.N1 | 16-JUL-2011 16:32:03 | Twilight | 44.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 89 | 49034 | No |
| 198 | GOM_NL__2PRFIN20110716_163339_000000473104_00313_49034_7214.N1 | 16-JUL-2011 16:33:39 | Twilight | 46.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 93 | 49034 | No |
| 199 | GOM_NL__2PRFIN20110716_164009_000000603104_00313_49034_7215.N1 | 16-JUL-2011 16:40:09 | Dark | 59.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 119 | 49034 | No |
| 200 | GOM_NL__2PRFIN20110716_164308_000000483104_00313_49034_7216.N1 | 16-JUL-2011 16:43:08 | Dark | 48.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 96 | 49034 | No |
| 201 | GOM_NL__2PRFIN20110716_165209_000000433104_00313_49034_7217.N1 | 16-JUL-2011 16:52:09 | Dark | 42.500 | 157 | The1Eri | 2.9060 | 9300.0 | 85 | 49034 | No |
| 202 | GOM_NL__2PRFIN20110716_165815_000000433104_00314_49035_7198.N1 | 16-JUL-2011 16:58:15 | Dark | 43.000 | 9 | Alp Eri | 0.45300 | 24000. | 86 | 49035 | No |
| 203 | GOM_NL__2PRFIN20110716_170123_000000533104_00314_49035_7199.N1 | 16-JUL-2011 17:01:23 | Dark | 53.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 106 | 49035 | No |
| 204 | GOM_NL__2PRFIN20110716_170703_000000513104_00314_49035_7200.N1 | 16-JUL-2011 17:07:03 | Straylight | 51.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 102 | 49035 | No |
| 205 | GOM_NL__2PRFIN20110716_170836_000000473104_00314_49035_7201.N1 | 16-JUL-2011 17:08:36 | Straylight | 46.500 | 31 | Alp Gru | 1.7340 | 15200. | 93 | 49035 | No |
| 206 | GOM_NL__2PRFIN20110716_171148_000000503104_00314_49035_7202.N1 | 16-JUL-2011 17:11:48 | Straylight | 50.000 | 172 | Gam Gru | 3.0030 | 13100. | 100 | 49035 | No |
| 207 | GOM_NL__2PRFIN20110716_172043_000000393104_00314_49035_7203.N1 | 16-JUL-2011 17:20:43 | Bright | 39.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 78 | 49035 | No |
| 208 | GOM_NL__2PRFIN20110716_173113_000000403104_00314_49035_7204.N1 | 16-JUL-2011 17:31:13 | Bright | 39.500 | 168 | 17Zet Aql | 2.9860 | 11000. | 79 | 49035 | No |
| 209 | GOM_NL__2PRFIN20110716_173815_000000403104_00314_49035_7205.N1 | 16-JUL-2011 17:38:15 | Bright | 39.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 79 | 49035 | No |
| 210 | GOM_NL__2PRFIN20110716_174121_000000423104_00314_49035_7206.N1 | 16-JUL-2011 17:41:21 | Bright | 42.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 84 | 49035 | No |
| 211 | GOM_NL__2PRFIN20110716_174828_000000443104_00314_49035_7207.N1 | 16-JUL-2011 17:48:28 | Bright | 44.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 88 | 49035 | No |
| 212 | GOM_NL__2PRFIN20110716_175716_000000473104_00314_49035_7208.N1 | 16-JUL-2011 17:57:16 | Bright | 46.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 93 | 49035 | No |
| 213 | GOM_NL__2PRFIN20110716_180225_000000483104_00314_49035_7209.N1 | 16-JUL-2011 18:02:25 | Bright | 48.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 96 | 49035 | No |
| 214 | GOM_NL__2PRFIN20110716_180348_000000433104_00314_49035_7210.N1 | 16-JUL-2011 18:03:48 | Bright | 43.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 86 | 49035 | No |
| 215 | GOM_NL__2PRFIN20110716_180645_000000483104_00314_49035_7211.N1 | 16-JUL-2011 18:06:45 | Bright | 47.500 | 79 | 26Bet Per | 2.3100 | 13100. | 95 | 49035 | No |
| 216 | GOM_NL__2PRFIN20110716_180942_000000483104_00314_49035_7212.N1 | 16-JUL-2011 18:09:42 | Twilight | 47.500 | 150 | 44Zet Per | 2.8900 | 28000. | 95 | 49035 | No |
| 217 | GOM_NL__2PRFIN20110716_181218_000000453104_00314_49035_7213.N1 | 16-JUL-2011 18:12:18 | Twilight | 45.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 90 | 49035 | No |
| 218 | GOM_NL__2PRFIN20110716_181353_000000463104_00314_49035_7214.N1 | 16-JUL-2011 18:13:53 | Twilight | 46.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 92 | 49035 | No |
| 219 | GOM_NL__2PRFIN20110716_182024_000000623104_00314_49035_7215.N1 | 16-JUL-2011 18:20:24 | Dark | 62.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 124 | 49035 | No |

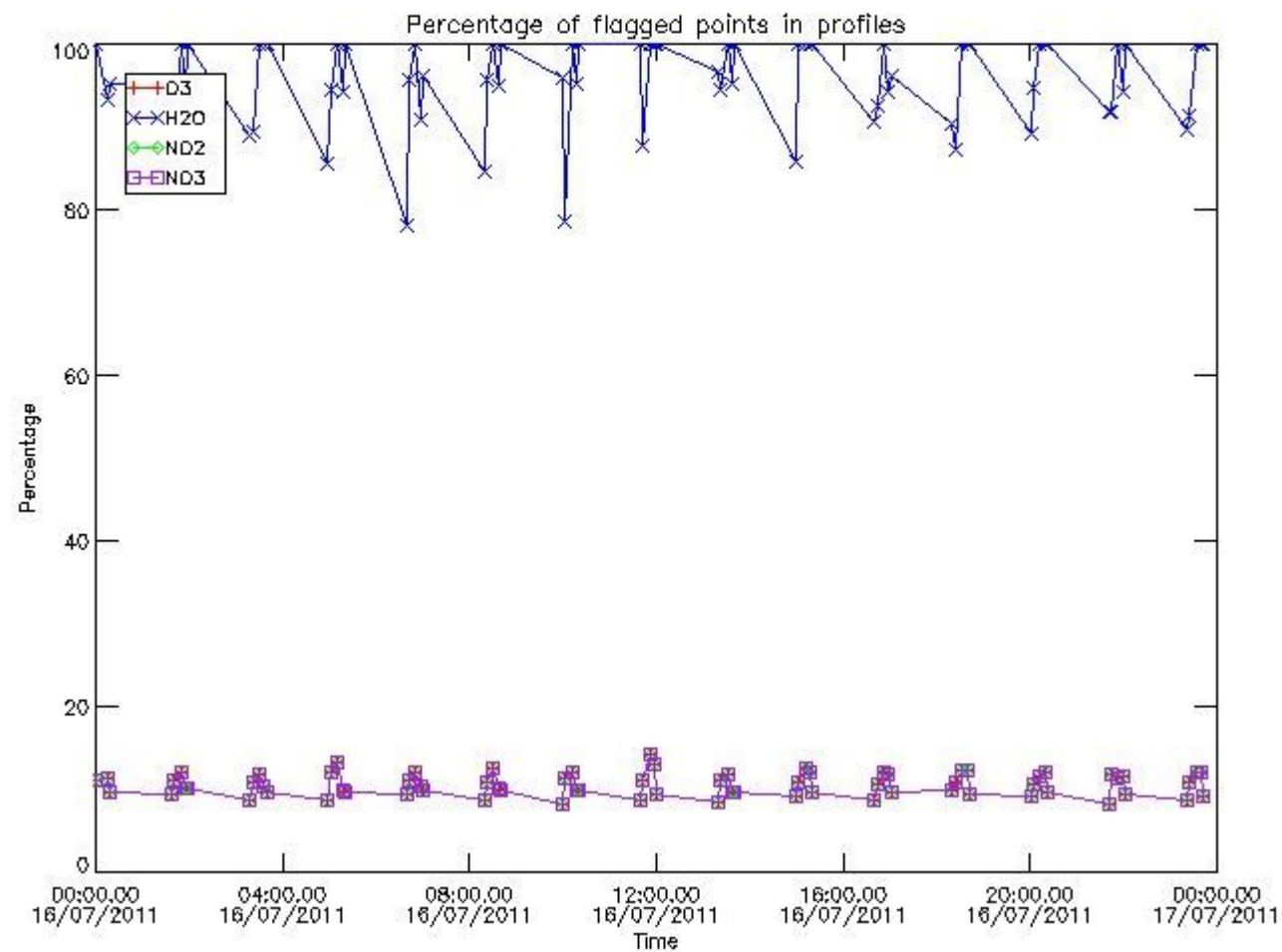
| | | | | | | | | | | | |
|-----|--|----------------------|---------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 220 | GOM_NL__2PRFIN20110716_182323_000000483104_00314_49035_7216.N1 | 16-JUL-2011 18:23:23 | Dark | 47.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 95 | 49035 | No |
| 221 | GOM_NL__2PRFIN20110716_183224_000000423104_00314_49035_7217.N1 | 16-JUL-2011 18:32:24 | Dark | 41.500 | 157 | The1Eri | 2.9060 | 9300.0 | 83 | 49035 | No |
| 222 | GOM_NL__2PRFIN20110716_183830_000000423104_00315_49036_7198.N1 | 16-JUL-2011 18:38:30 | Dark | 41.500 | 9 | Alp Eri | 0.45300 | 24000. | 83 | 49036 | No |
| 223 | GOM_NL__2PRFIN20110716_184138_000000543104_00315_49036_7199.N1 | 16-JUL-2011 18:41:38 | Dark | 54.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 108 | 49036 | No |
| 224 | GOM_NL__2PRFIN20110716_184717_000000493104_00315_49036_7200.N1 | 16-JUL-2011 18:47:17 | Straylight | 49.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 98 | 49036 | No |
| 225 | GOM_NL__2PRFIN20110716_184851_000000463104_00315_49036_7201.N1 | 16-JUL-2011 18:48:51 | Straylight | 45.500 | 31 | Alp Gru | 1.7340 | 15200. | 91 | 49036 | No |
| 226 | GOM_NL__2PRFIN20110716_185203_000000523104_00315_49036_7202.N1 | 16-JUL-2011 18:52:03 | Straylight | 51.500 | 172 | Gam Gru | 3.0030 | 13100. | 103 | 49036 | No |
| 227 | GOM_NL__2PRFIN20110716_190057_000000403104_00315_49036_7203.N1 | 16-JUL-2011 19:00:57 | Bright | 40.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 80 | 49036 | No |
| 228 | GOM_NL__2PRFIN20110716_191127_000000393104_00315_49036_7204.N1 | 16-JUL-2011 19:11:27 | Bright | 38.500 | 168 | 17Zet Aql | 2.9860 | 11000. | 77 | 49036 | No |
| 229 | GOM_NL__2PRFIN20110716_191829_000000373104_00315_49036_7205.N1 | 16-JUL-2011 19:18:29 | Bright | 36.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 73 | 49036 | No |
| 230 | GOM_NL__2PRFIN20110716_192134_000000423104_00315_49036_7206.N1 | 16-JUL-2011 19:21:34 | Bright | 42.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 84 | 49036 | No |
| 231 | GOM_NL__2PRFIN20110716_192842_000000443104_00315_49036_7207.N1 | 16-JUL-2011 19:28:42 | Bright | 44.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 88 | 49036 | No |
| 232 | GOM_NL__2PRFIN20110716_193730_000000483104_00315_49036_7208.N1 | 16-JUL-2011 19:37:30 | Bright | 47.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 95 | 49036 | No |
| 233 | GOM_NL__2PRFIN20110716_194239_000000623104_00315_49036_7209.N1 | 16-JUL-2011 19:42:39 | Bright | 62.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 124 | 49036 | No |
| 234 | GOM_NL__2PRFIN20110716_194402_000000433104_00315_49036_7210.N1 | 16-JUL-2011 19:44:02 | Bright | 42.500 | 35 | 33Alp Per | 1.7950 | 6250.0 | 85 | 49036 | No |
| 235 | GOM_NL__2PRFIN20110716_194658_000000463104_00315_49036_7211.N1 | 16-JUL-2011 19:46:58 | Bright | 46.000 | 79 | 26Bet Per | 2.3100 | 13100. | 92 | 49036 | No |
| 236 | GOM_NL__2PRFIN20110716_194956_000000453104_00315_49036_7212.N1 | 16-JUL-2011 19:49:56 | Twi_and_stray | 44.500 | 150 | 44Zet Per | 2.8900 | 28000. | 89 | 49036 | No |
| 237 | GOM_NL__2PRFIN20110716_195232_000000473104_00315_49036_7213.N1 | 16-JUL-2011 19:52:32 | Twilight | 46.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 93 | 49036 | No |
| 238 | GOM_NL__2PRFIN20110716_195407_000000463104_00315_49036_7214.N1 | 16-JUL-2011 19:54:07 | Twilight | 46.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 92 | 49036 | No |
| 239 | GOM_NL__2PRFIN20110716_200039_000000613104_00315_49036_7215.N1 | 16-JUL-2011 20:00:39 | Dark | 60.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 121 | 49036 | No |
| 240 | GOM_NL__2PRFIN20110716_200337_000000483104_00315_49036_7216.N1 | 16-JUL-2011 20:03:37 | Dark | 48.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 96 | 49036 | No |
| 241 | GOM_NL__2PRFIN20110716_201239_000000443104_00315_49036_7217.N1 | 16-JUL-2011 20:12:39 | Dark | 44.000 | 157 | The1Eri | 2.9060 | 9300.0 | 88 | 49036 | No |
| 242 | GOM_NL__2PRFIN20110716_201844_000000473104_00316_49037_7198.N1 | 16-JUL-2011 20:18:44 | Dark | 46.500 | 9 | Alp Eri | 0.45300 | 24000. | 93 | 49037 | No |
| 243 | GOM_NL__2PRFIN20110716_202153_000000533104_00316_49037_7199.N1 | 16-JUL-2011 20:21:53 | Dark | 53.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 106 | 49037 | No |
| 244 | GOM_NL__2PRFIN20110716_202732_000000503104_00316_49037_7200.N1 | 16-JUL-2011 20:27:32 | Straylight | 49.500 | 63 | Bet Gru | 2.1500 | 2800.0 | 99 | 49037 | No |
| 245 | GOM_NL__2PRFIN20110716_202906_000000453104_00316_49037_7201.N1 | 16-JUL-2011 20:29:06 | Straylight | 45.000 | 31 | Alp Gru | 1.7340 | 15200. | 90 | 49037 | No |
| 246 | GOM_NL__2PRFIN20110716_203217_000000503104_00316_49037_7202.N1 | 16-JUL-2011 20:32:17 | Straylight | 50.000 | 172 | Gam Gru | 3.0030 | 13100. | 100 | 49037 | No |
| 247 | GOM_NL__2PRFIN20110716_204111_000000393104_00316_49037_7203.N1 | 16-JUL-2011 20:41:11 | Bright | 38.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 77 | 49037 | No |
| 248 | GOM_NL__2PRFIN20110716_205141_000000393104_00316_49037_7204.N1 | 16-JUL-2011 20:51:41 | Bright | 39.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 78 | 49037 | No |
| 249 | GOM_NL__2PRFIN20110716_205843_000000403104_00316_49037_7205.N1 | 16-JUL-2011 20:58:43 | Bright | 40.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 80 | 49037 | No |
| 250 | GOM_NL__2PRFIN20110716_210148_000000443104_00316_49037_7206.N1 | 16-JUL-2011 21:01:48 | Bright | 43.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 87 | 49037 | No |
| 251 | GOM_NL__2PRFIN20110716_210855_000000443104_00316_49037_7207.N1 | 16-JUL-2011 21:08:55 | Bright | 44.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 88 | 49037 | No |
| 252 | GOM_NL__2PRFIN20110716_211743_000000463104_00316_49037_7208.N1 | 16-JUL-2011 21:17:43 | Bright | 45.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 91 | 49037 | No |
| 253 | GOM_NL__2PRFIN20110716_212253_000000513104_00316_49037_7209.N1 | 16-JUL-2011 21:22:53 | Bright | 51.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 102 | 49037 | No |
| 254 | GOM_NL__2PRFIN20110716_212415_000000443104_00316_49037_7210.N1 | 16-JUL-2011 21:24:15 | Bright | 44.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 88 | 49037 | No |
| 255 | GOM_NL__2PRFIN20110716_212712_000000463104_00316_49037_7211.N1 | 16-JUL-2011 21:27:12 | Bright | 45.500 | 79 | 26Bet Per | 2.3100 | 13100. | 91 | 49037 | No |
| 256 | GOM_NL__2PRFIN20110716_213010_000000443104_00316_49037_7212.N1 | 16-JUL-2011 21:30:10 | Twi_and_stray | 44.000 | 150 | 44Zet Per | 2.8900 | 28000. | 88 | 49037 | No |
| 257 | GOM_NL__2PRFIN20110716_213246_000000473104_00316_49037_7213.N1 | 16-JUL-2011 21:32:46 | Twilight | 47.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 94 | 49037 | No |
| 258 | GOM_NL__2PRFIN20110716_213421_000000473104_00316_49037_7214.N1 | 16-JUL-2011 21:34:21 | Twilight | 47.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 94 | 49037 | No |
| 259 | GOM_NL__2PRFIN20110716_214054_000000623104_00316_49037_7215.N1 | 16-JUL-2011 21:40:54 | Dark | 61.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 123 | 49037 | No |
| 260 | GOM_NL__2PRFIN20110716_214352_000000443104_00316_49037_7216.N1 | 16-JUL-2011 21:43:52 | Dark | 43.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 87 | 49037 | No |
| 261 | GOM_NL__2PRFIN20110716_215253_000000453104_00316_49037_7217.N1 | 16-JUL-2011 21:52:53 | Dark | 45.000 | 157 | The1Eri | 2.9060 | 9300.0 | 90 | 49037 | No |
| 262 | GOM_NL__2PRFIN20110716_215859_000000453104_00317_49038_7198.N1 | 16-JUL-2011 21:58:59 | Dark | 44.500 | 9 | Alp Eri | 0.45300 | 24000. | 89 | 49038 | No |
| 263 | GOM_NL__2PRFIN20110716_220208_000000553104_00317_49038_7199.N1 | 16-JUL-2011 22:02:08 | Dark | 54.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 109 | 49038 | No |
| 264 | GOM_NL__2PRFIN20110716_220747_000000653104_00317_49038_7200.N1 | 16-JUL-2011 22:07:47 | Straylight | 65.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 130 | 49038 | No |
| 265 | GOM_NL__2PRFIN20110716_220920_000000533104_00317_49038_7201.N1 | 16-JUL-2011 22:09:20 | Straylight | 53.000 | 31 | Alp Gru | 1.7340 | 15200. | 106 | 49038 | No |
| 266 | GOM_NL__2PRFIN20110716_221232_000000523104_00317_49038_7202.N1 | 16-JUL-2011 22:12:32 | Straylight | 51.500 | 172 | Gam Gru | 3.0030 | 13100. | 103 | 49038 | No |
| 267 | GOM_NL__2PRFIN20110716_222126_000000403104_00317_49038_7203.N1 | 16-JUL-2011 22:21:26 | Bright | 39.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 79 | 49038 | No |
| 268 | GOM_NL__2PRFIN20110716_223154_000000403104_00317_49038_7204.N1 | 16-JUL-2011 22:31:54 | Bright | 39.500 | 168 | 17Zet Aql | 2.9860 | 11000. | 79 | 49038 | No |
| 269 | GOM_NL__2PRFIN20110716_223856_000000403104_00317_49038_7205.N1 | 16-JUL-2011 22:38:56 | Bright | 39.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 79 | 49038 | No |
| 270 | GOM_NL__2PRFIN20110716_224201_000000413104_00317_49038_7206.N1 | 16-JUL-2011 22:42:01 | Bright | 40.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 81 | 49038 | No |
| 271 | GOM_NL__2PRFIN20110716_224909_000000423104_00317_49038_7207.N1 | 16-JUL-2011 22:49:09 | Bright | 42.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 84 | 49038 | No |
| 272 | GOM_NL__2PRFIN20110716_225756_000000473104_00317_49038_7208.N1 | 16-JUL-2011 22:57:56 | Bright | 46.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 93 | 49038 | No |
| 273 | GOM_NL__2PRFIN20110716_230307_000000443104_00317_49038_7209.N1 | 16-JUL-2011 23:03:07 | Bright | 43.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 87 | 49038 | No |
| 274 | GOM_NL__2PRFIN20110716_230429_000000493104_00317_49038_7210.N1 | 16-JUL-2011 23:04:29 | Bright | 49.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 98 | 49038 | No |
| 275 | GOM_NL__2PRFIN20110716_230726_000000453104_00317_49038_7211.N1 | 16-JUL-2011 23:07:26 | Bright | 45.000 | 79 | 26Bet Per | 2.3100 | 13100. | 90 | 49038 | No |
| 276 | GOM_NL__2PRFIN20110716_231024_000000463104_00317_49038_7212.N1 | 16-JUL-2011 23:10:24 | Twi_and_stray | 45.500 | 150 | 44Zet Per | 2.8900 | 28000. | 91 | 49038 | No |
| 277 | GOM_NL__2PRFIN20110716_231300_000000473104_00317_49038_7213.N1 | 16-JUL-2011 23:13:00 | Twilight | 47.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 94 | 49038 | No |
| 278 | GOM_NL__2PRFIN20110716_231436_000000453104_00317_49038_7214.N1 | 16-JUL-2011 23:14:36 | Twilight | 45.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 90 | 49038 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 279 | GOM_NL__2PRFIN20110716_232108_000000593104_00317_49038_7215.N1 | 16-JUL-2011 23:21:08 | Dark | 58.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 117 | 49038 | No |
| 280 | GOM_NL__2PRFIN20110716_232406_000000473104_00317_49038_7216.N1 | 16-JUL-2011 23:24:06 | Dark | 46.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 93 | 49038 | No |
| 281 | GOM_NL__2PRFIN20110716_233308_000000423104_00317_49038_7217.N1 | 16-JUL-2011 23:33:08 | Dark | 42.000 | 157 | The1Eri | 2.9060 | 9300.0 | 84 | 49038 | No |
| 282 | GOM_NL__2PRFIN20110716_233913_000000433104_00318_49039_7198.N1 | 16-JUL-2011 23:39:13 | Dark | 42.500 | 9 | Alp Eri | 0.45300 | 24000. | 85 | 49039 | No |
| 283 | GOM_NL__2PRFIN20110716_234223_000000553104_00318_49039_7199.N1 | 16-JUL-2011 23:42:23 | Dark | 55.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 110 | 49039 | No |
| 284 | GOM_NL__2PRFIN20110716_234802_000000623104_00318_49039_7200.N1 | 16-JUL-2011 23:48:02 | Straylight | 61.500 | 63 | Bet Gru | 2.1500 | 2800.0 | 123 | 49039 | No |
| 285 | GOM_NL__2PRFIN20110716_234935_000000483104_00318_49039_7201.N1 | 16-JUL-2011 23:49:35 | Straylight | 47.500 | 31 | Alp Gru | 1.7340 | 15200. | 95 | 49039 | No |
| 286 | GOM_NL__2PRFIN20110716_235247_000000503104_00318_49039_7202.N1 | 16-JUL-2011 23:52:47 | Straylight | 49.500 | 172 | Gam Gru | 3.0030 | 13100. | 99 | 49039 | No |

3. Quality information per product

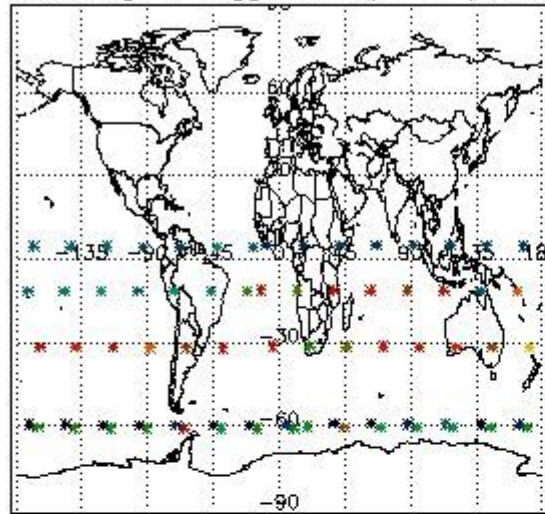
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

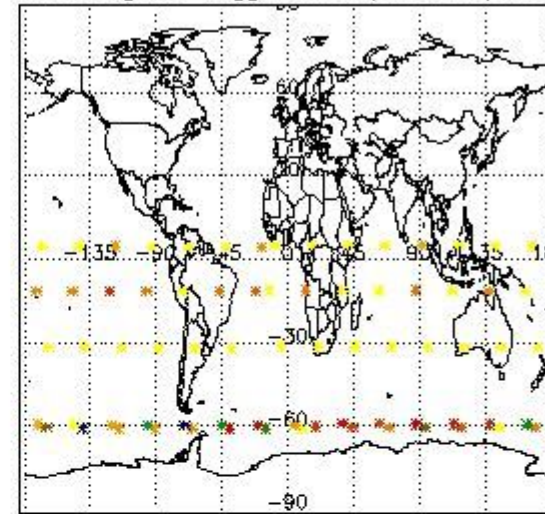


3.2 Plot quality information per product (world map)

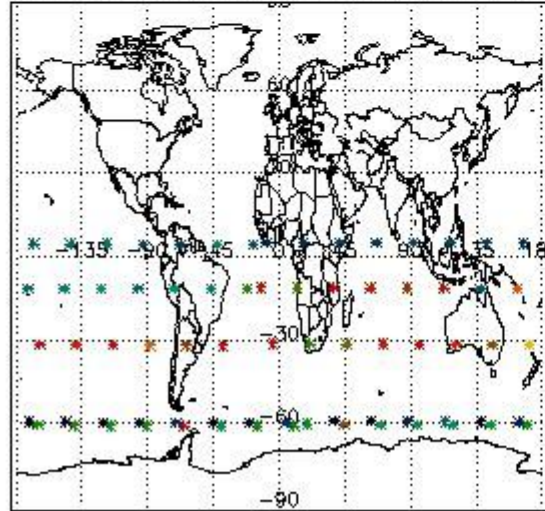
Percentage of flagged data per O3 profile



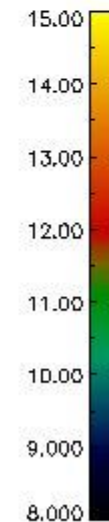
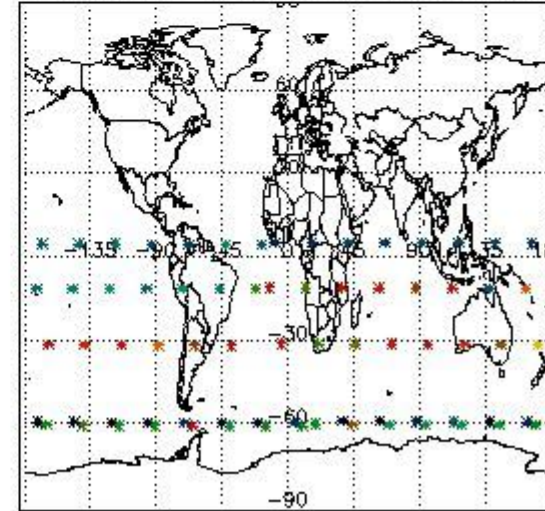
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

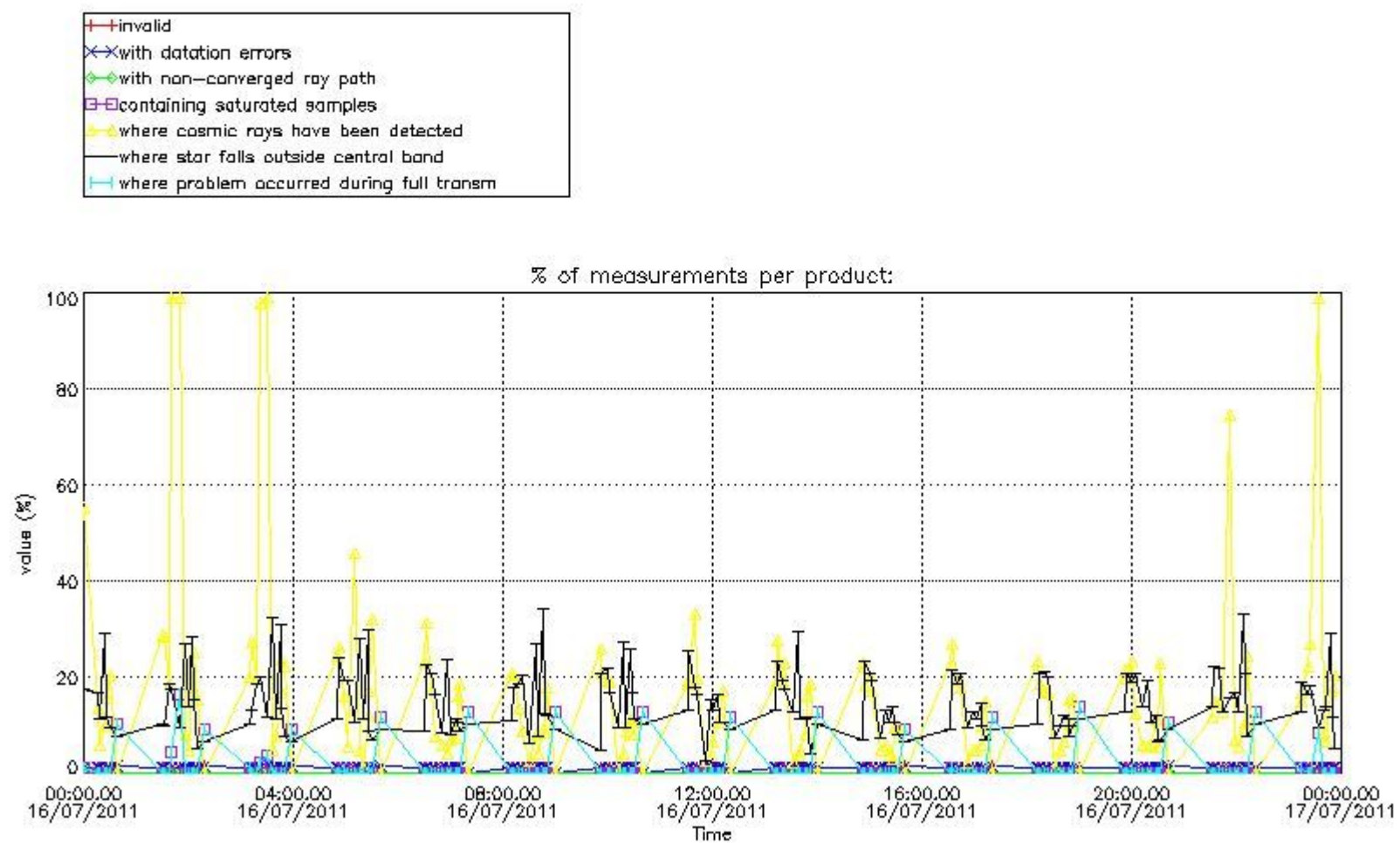


4. Level 1 quality information per product

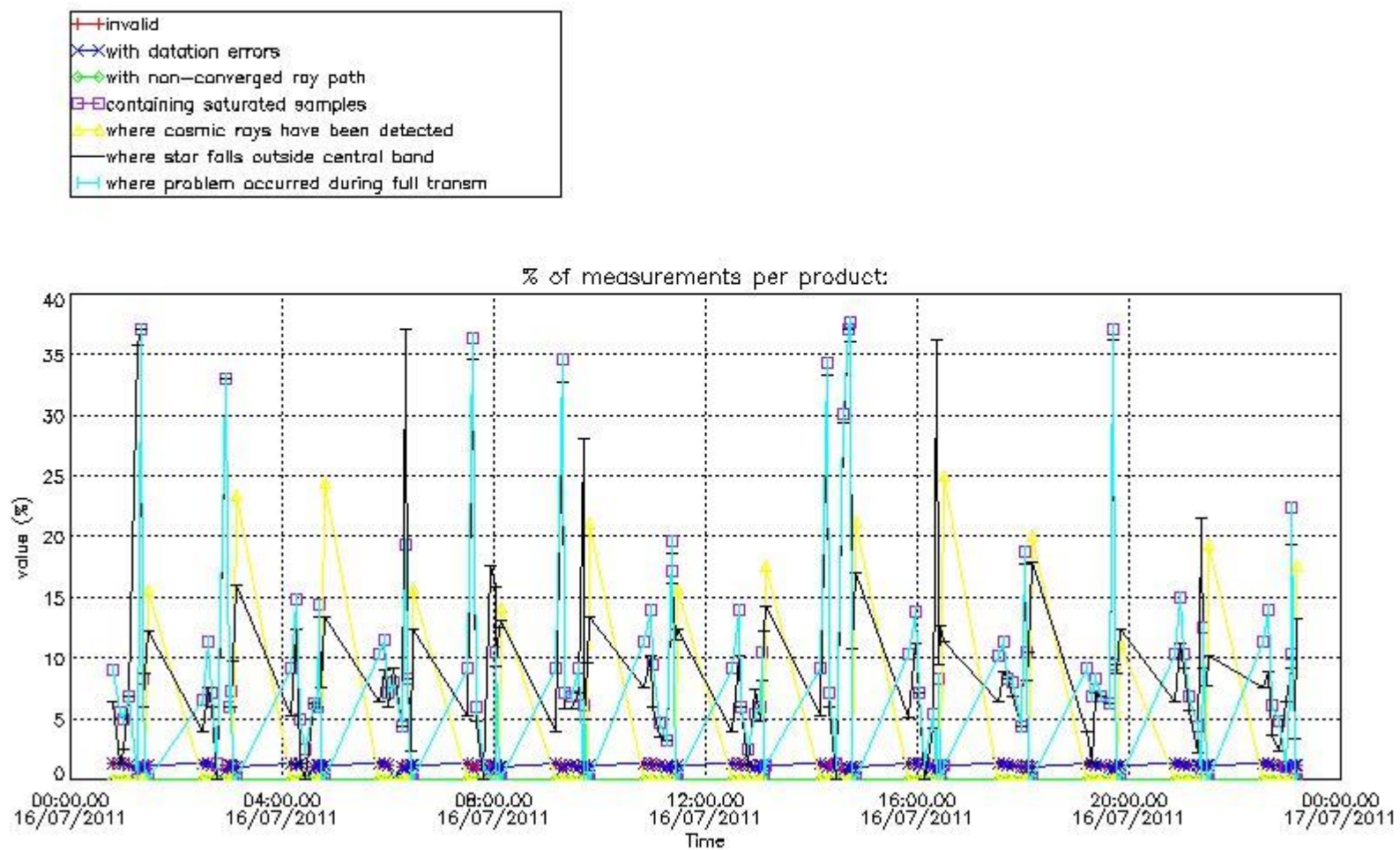
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

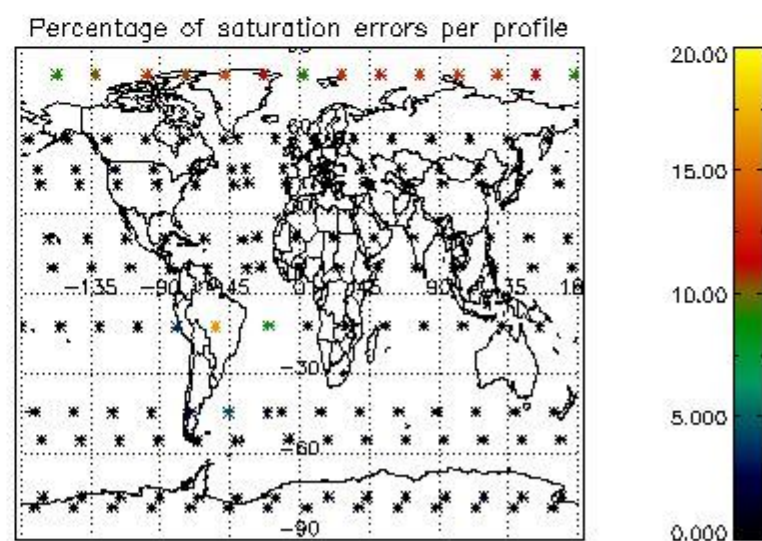
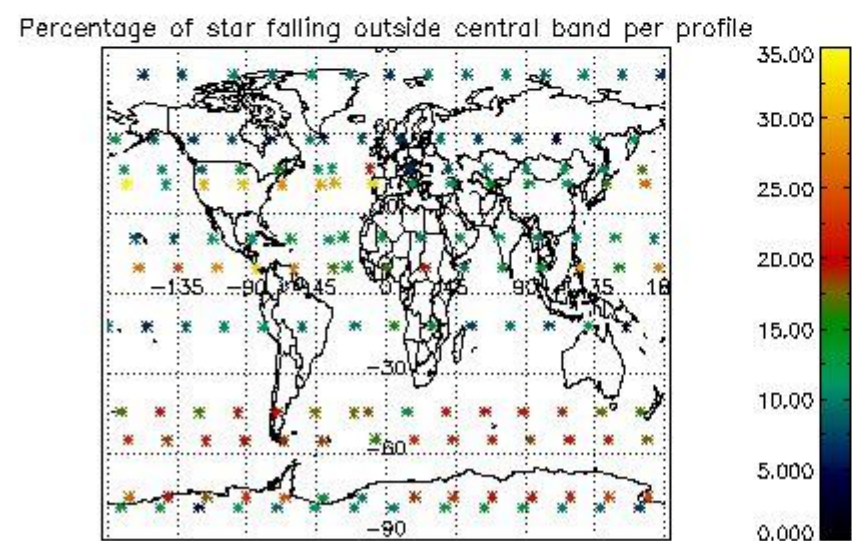
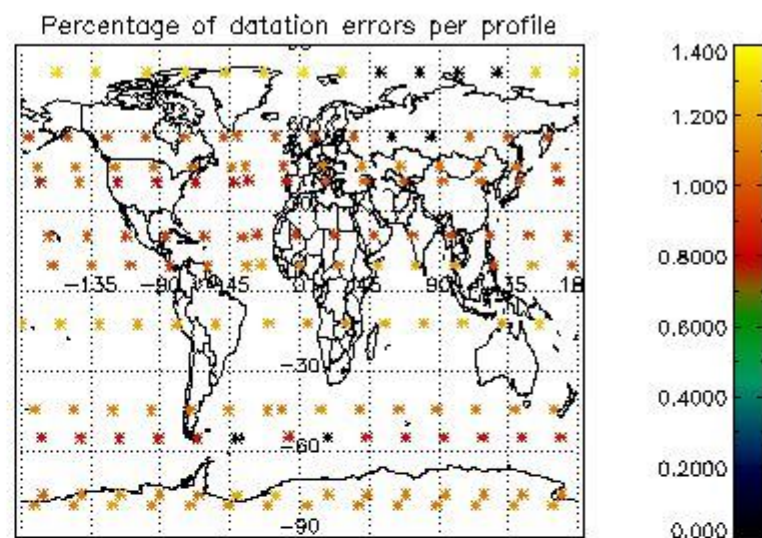
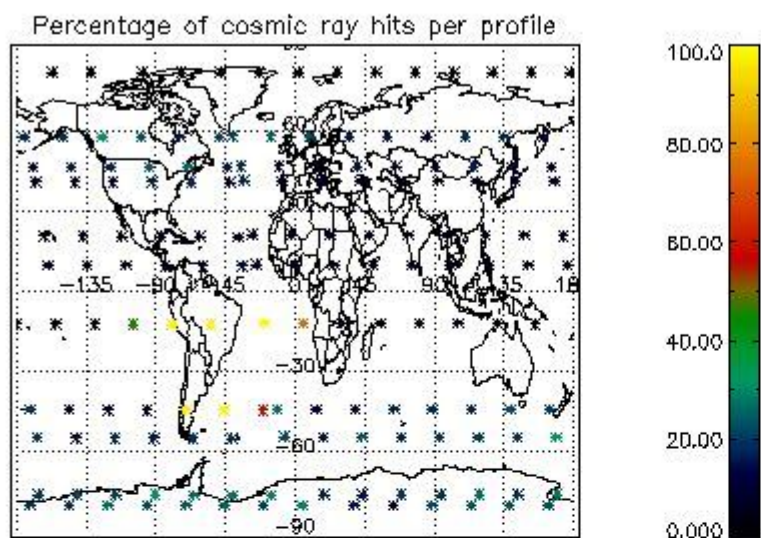


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

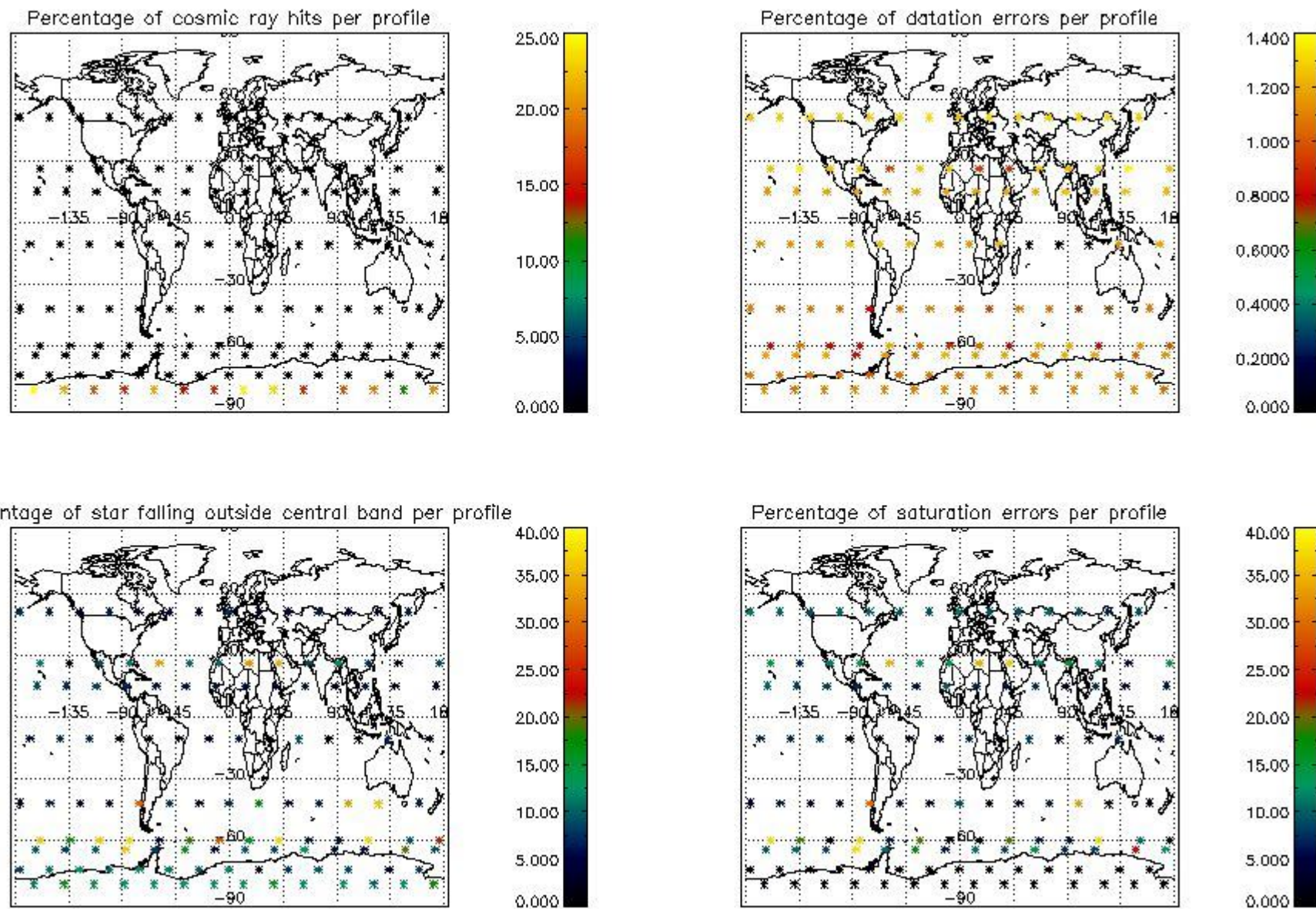


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

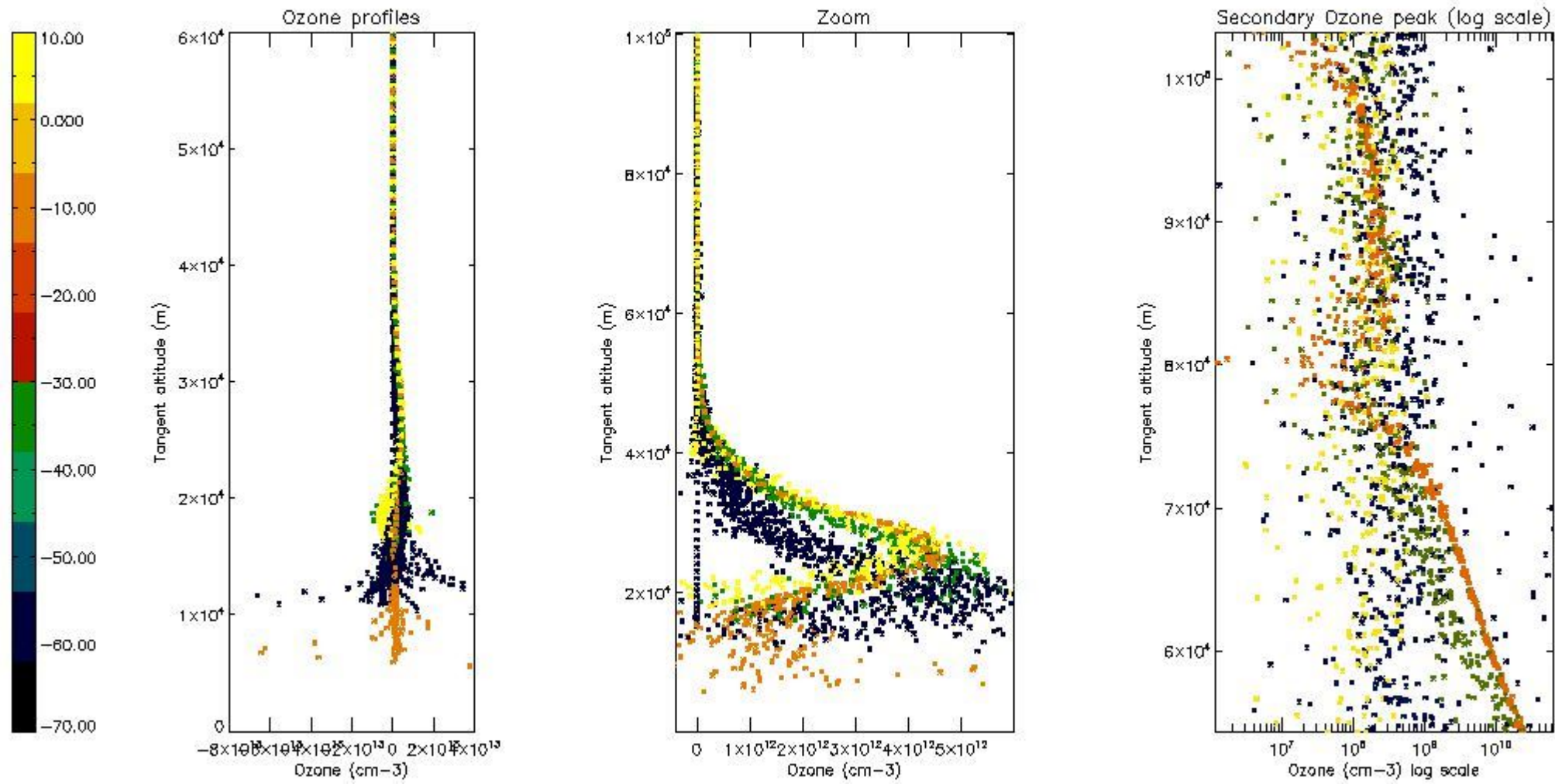
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 28 |
| STD < 20 | 9 |

| | |
|----------|---|
| STD < 10 | 5 |
| STD < 5 | 3 |

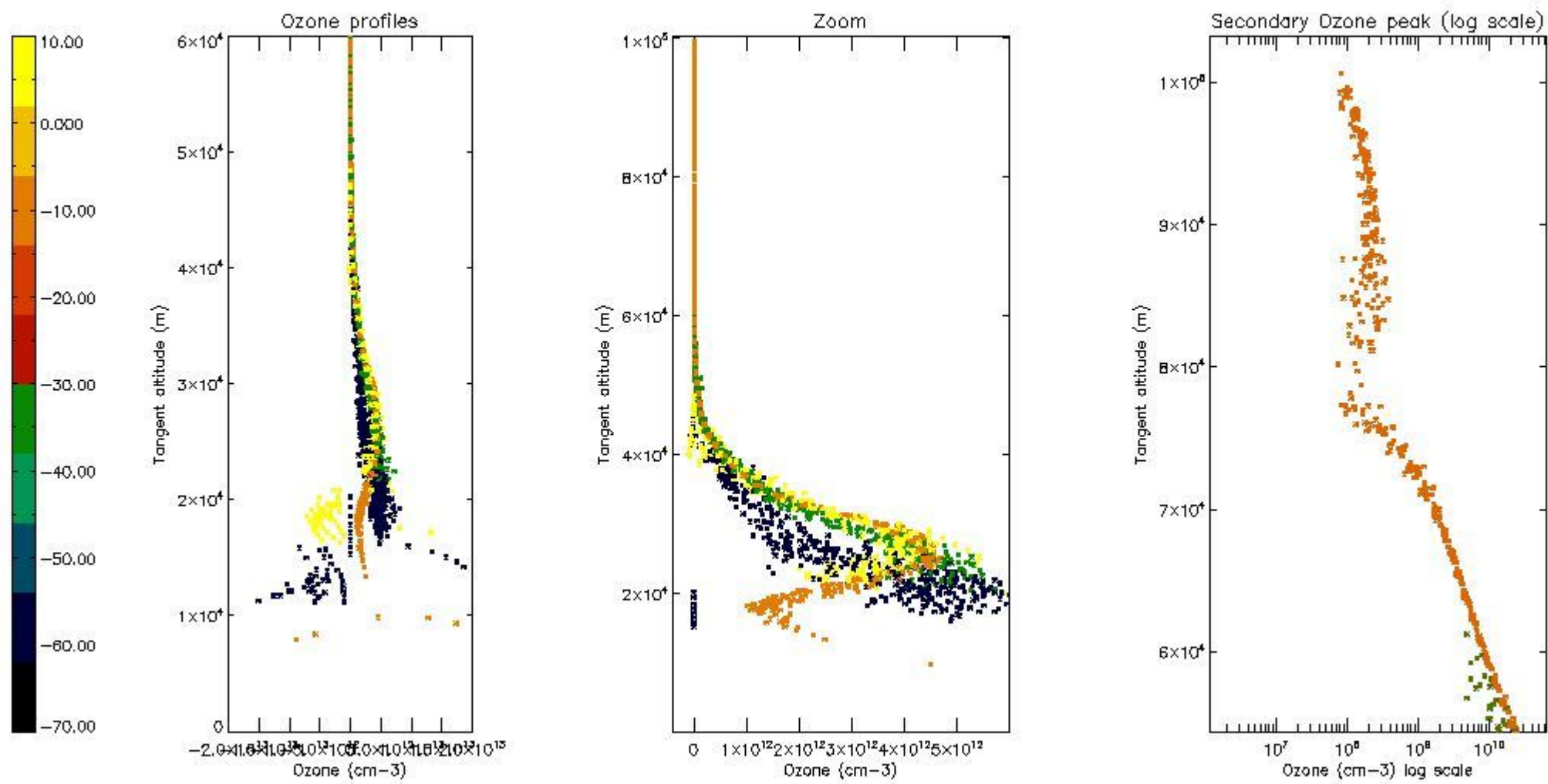
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



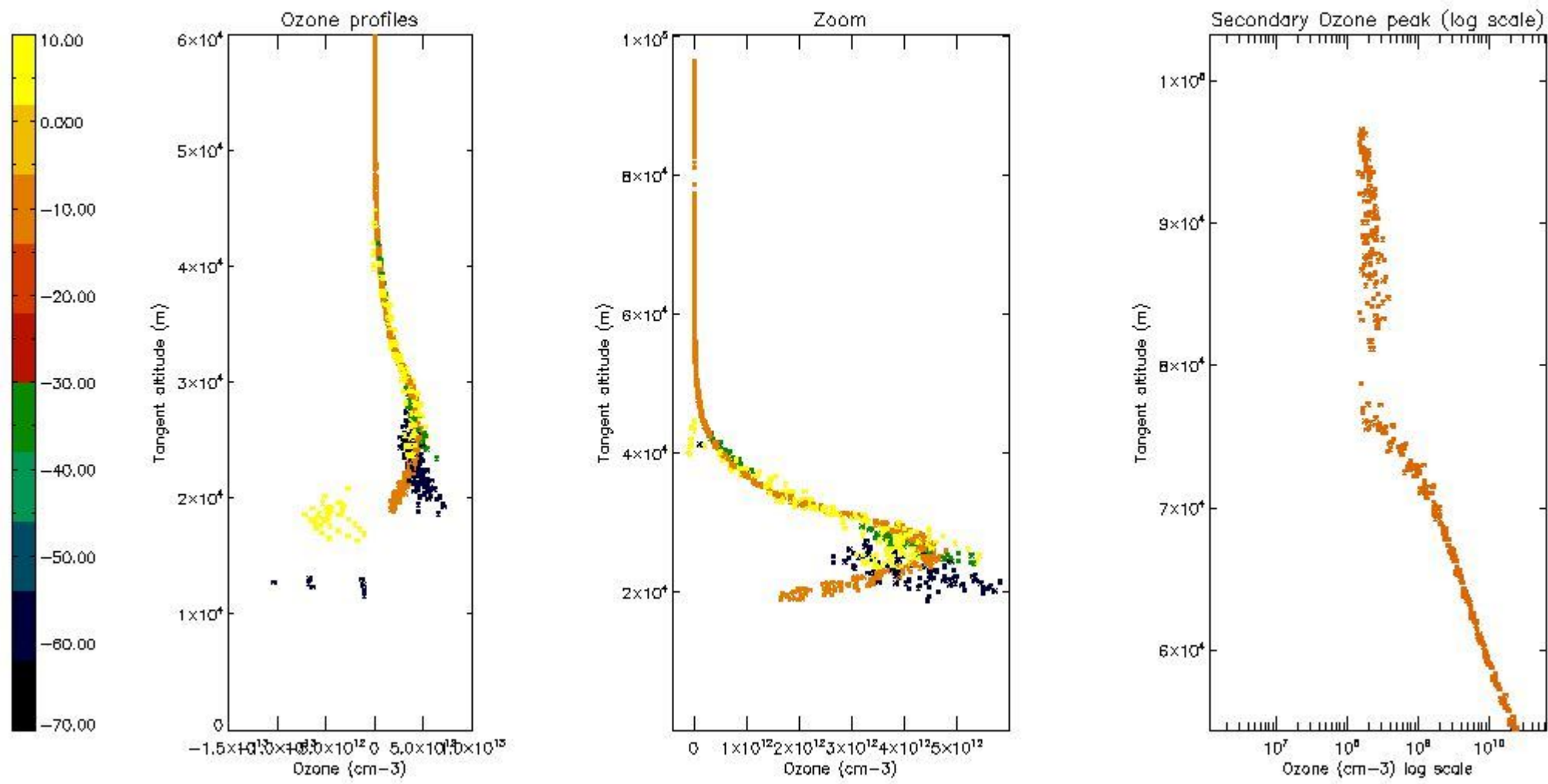
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



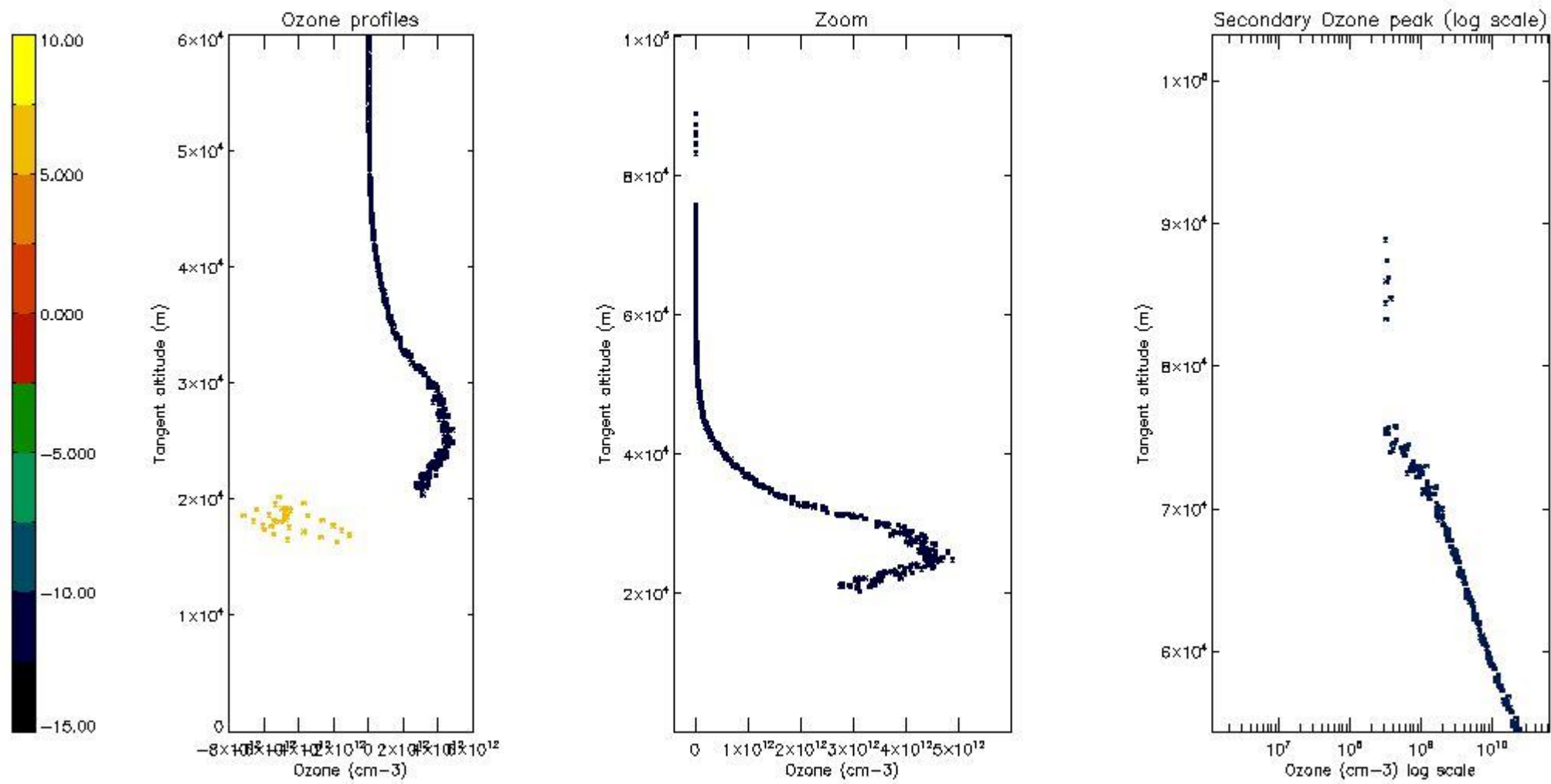
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



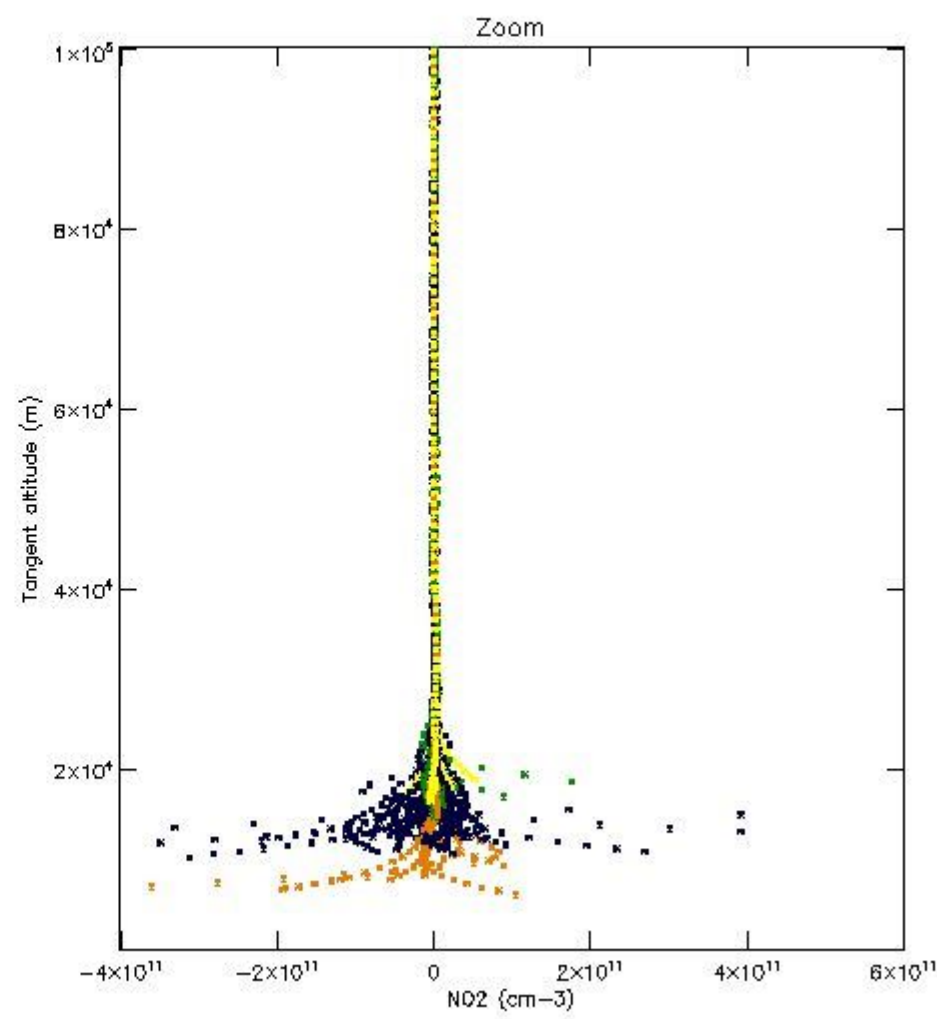
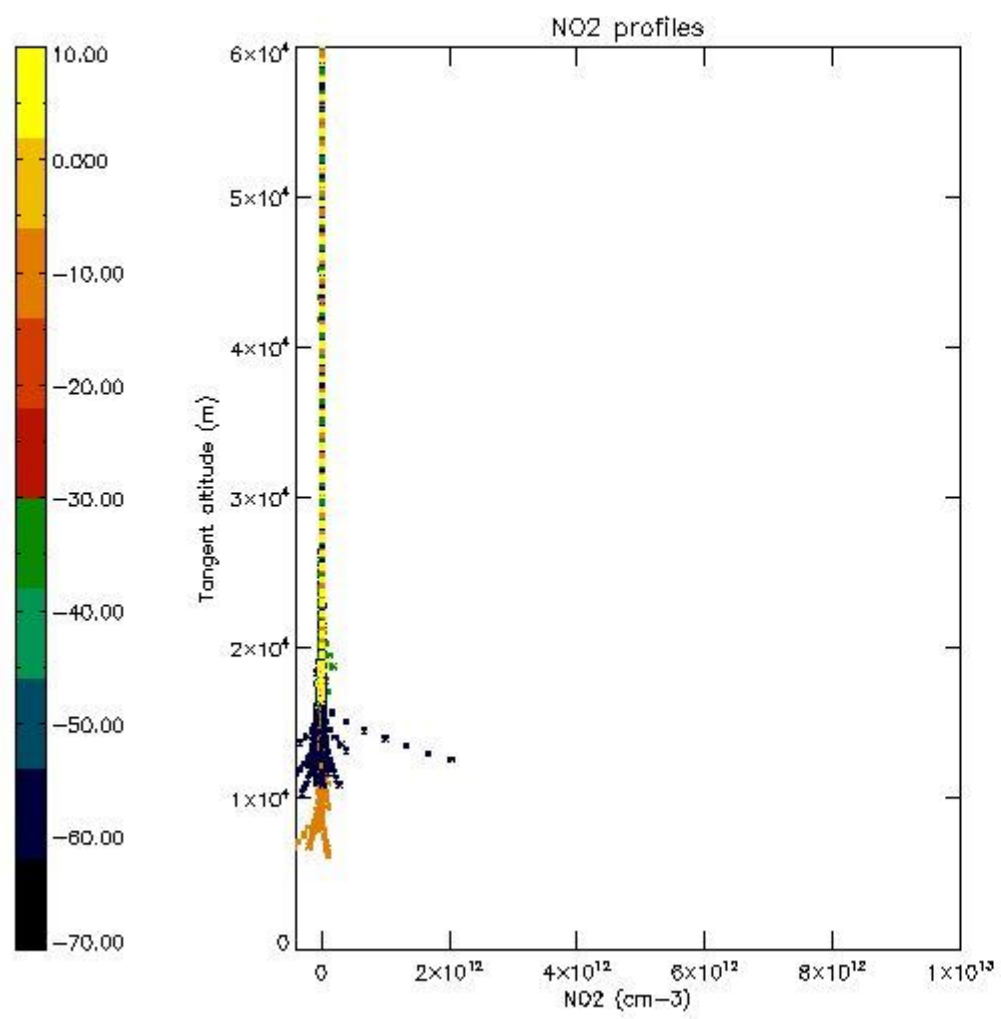
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



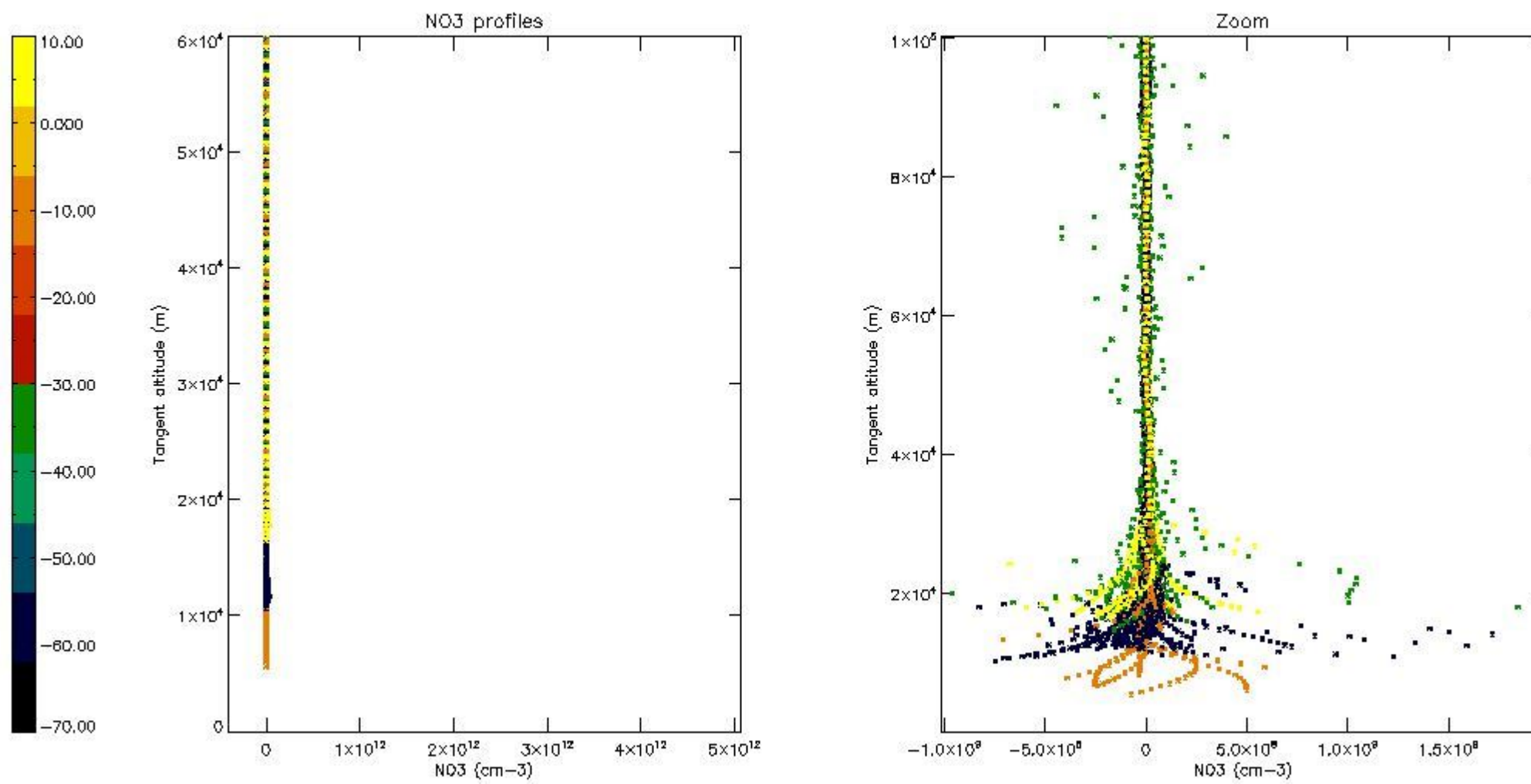
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



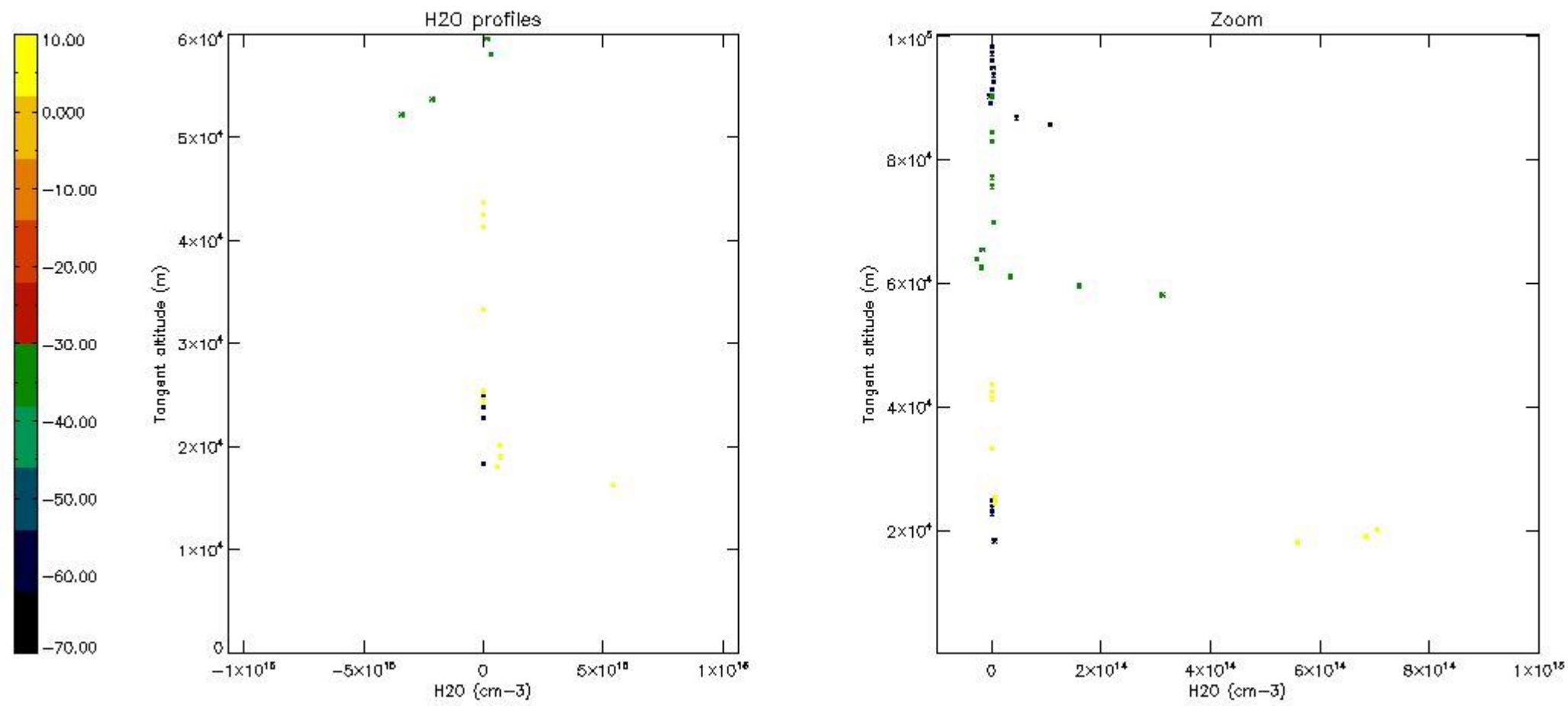
5.7 Plot NO3 profiles for all STD (dark without errors)

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 | 16-JUL-2011 00:00:43 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 16-JUL-2011 00:00:43 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 16-JUL-2011 00:00:43 |

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[2. Summary of processed GOM_NL_2P products](#)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

This report presents the daily analysis on parameters extracted from GOMOS level 2 data (GOM_NL__2P). It is intended to monitor some important parameters that will impact the quality of these products. A list of level 2 products (and content) that have arrived during the reporting day to the PCF is also given.

| Item | Value |
|---------------------------|---------------------------------|
| Time of report generation | 24APR2013 15:49:53 |
| Data source version | GOMOS/6.01 |
| Start time of products | 16-07-2011 (16JUL2011 00:00:00) |
| Stop time of products | 17-07-2011 (17JUL2011 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 286 |
| 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__2PRFIN20110716_000043_00000463104_00303_49024_7196.N1 | 16-JUL-2011 00:00:43 | Dark | 46.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 92 | 49024 | No |
| 2 | GOM_NL__2PRFIN20110716_001549_00000453104_00304_49025_7178.N1 | 16-JUL-2011 00:15:49 | Dark | 45.000 | 9 | Alp Eri | 0.45300 | 24000. | 90 | 49025 | No |
| 3 | GOM_NL__2PRFIN20110716_001852_00000533104_00304_49025_7179.N1 | 16-JUL-2011 00:18:52 | Dark | 52.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 105 | 49025 | No |
| 4 | GOM_NL__2PRFIN20110716_002434_00000623104_00304_49025_7180.N1 | 16-JUL-2011 00:24:34 | Straylight | 62.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 124 | 49025 | No |
| 5 | GOM_NL__2PRFIN20110716_002609_00000483104_00304_49025_7181.N1 | 16-JUL-2011 00:26:09 | Straylight | 48.000 | 31 | Alp Gru | 1.7340 | 15200. | 96 | 49025 | No |
| 6 | GOM_NL__2PRFIN20110716_002921_00000523104_00304_49025_7182.N1 | 16-JUL-2011 00:29:21 | Straylight | 52.000 | 172 | Gam Gru | 3.0030 | 13100. | 104 | 49025 | No |
| 7 | GOM_NL__2PRFIN20110716_003821_00000393104_00304_49025_7183.N1 | 16-JUL-2011 00:38:21 | Bright | 39.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 78 | 49025 | No |
| 8 | GOM_NL__2PRFIN20110716_004854_00000393104_00304_49025_7184.N1 | 16-JUL-2011 00:48:54 | Bright | 39.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 78 | 49025 | No |
| 9 | GOM_NL__2PRFIN20110716_005556_00000373104_00304_49025_7185.N1 | 16-JUL-2011 00:55:56 | Bright | 36.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 73 | 49025 | No |
| 10 | GOM_NL__2PRFIN20110716_005905_00000403104_00304_49025_7186.N1 | 16-JUL-2011 00:59:05 | Bright | 40.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 80 | 49025 | No |
| 11 | GOM_NL__2PRFIN20110716_010614_00000443104_00304_49025_7187.N1 | 16-JUL-2011 01:06:14 | Bright | 44.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 88 | 49025 | No |
| 12 | GOM_NL__2PRFIN20110716_011502_00000693104_00304_49025_7188.N1 | 16-JUL-2011 01:15:02 | Bright | 68.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 137 | 49025 | No |
| 13 | GOM_NL__2PRFIN20110716_012007_00000623104_00304_49025_7189.N1 | 16-JUL-2011 01:20:07 | Bright | 62.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 124 | 49025 | No |
| 14 | GOM_NL__2PRFIN20110716_012129_00000423104_00304_49025_7190.N1 | 16-JUL-2011 01:21:29 | Bright | 42.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 84 | 49025 | No |
| 15 | GOM_NL__2PRFIN20110716_012425_00000463104_00304_49025_7191.N1 | 16-JUL-2011 01:24:25 | Bright | 46.000 | 79 | 26Bet Per | 2.3100 | 13100. | 92 | 49025 | No |
| 16 | GOM_NL__2PRFIN20110716_012720_00000453104_00304_49025_7192.N1 | 16-JUL-2011 01:27:20 | Twilight | 45.000 | 150 | 44Zet Per | 2.8900 | 28000. | 90 | 49025 | No |
| 17 | GOM_NL__2PRFIN20110716_012955_00000453104_00304_49025_7193.N1 | 16-JUL-2011 01:29:55 | Twilight | 45.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 90 | 49025 | No |
| 18 | GOM_NL__2PRFIN20110716_013130_00000413104_00304_49025_7194.N1 | 16-JUL-2011 01:31:30 | Twilight | 40.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 81 | 49025 | No |
| 19 | GOM_NL__2PRFIN20110716_013756_00000593104_00304_49025_7195.N1 | 16-JUL-2011 01:37:56 | Dark | 59.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 118 | 49025 | No |
| 20 | GOM_NL__2PRFIN20110716_014057_00000463104_00304_49025_7196.N1 | 16-JUL-2011 01:40:57 | Dark | 45.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 91 | 49025 | No |
| 21 | GOM_NL__2PRFIN20110716_014957_00000433104_00304_49025_7197.N1 | 16-JUL-2011 01:49:57 | Dark | 42.500 | 157 | The1Eri | 2.9060 | 9300.0 | 85 | 49025 | No |
| 22 | GOM_NL__2PRFIN20110716_015603_00000513104_00305_49026_7178.N1 | 16-JUL-2011 01:56:03 | Dark | 50.500 | 9 | Alp Eri | 0.45300 | 24000. | 101 | 49026 | No |
| 23 | GOM_NL__2PRFIN20110716_015907_00000553104_00305_49026_7179.N1 | 16-JUL-2011 01:59:07 | Dark | 55.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 110 | 49026 | No |
| 24 | GOM_NL__2PRFIN20110716_020449_00000623104_00305_49026_7180.N1 | 16-JUL-2011 02:04:49 | Straylight | 62.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 124 | 49026 | No |
| 25 | GOM_NL__2PRFIN20110716_020624_00000503104_00305_49026_7181.N1 | 16-JUL-2011 02:06:24 | Straylight | 49.500 | 31 | Alp Gru | 1.7340 | 15200. | 99 | 49026 | No |
| 26 | GOM_NL__2PRFIN20110716_020935_00000503104_00305_49026_7182.N1 | 16-JUL-2011 02:09:35 | Straylight | 49.500 | 172 | Gam Gru | 3.0030 | 13100. | 99 | 49026 | No |
| 27 | GOM_NL__2PRFIN20110716_021835_00000393104_00305_49026_7183.N1 | 16-JUL-2011 02:18:35 | Bright | 38.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 77 | 49026 | No |
| 28 | GOM_NL__2PRFIN20110716_022908_00000383104_00305_49026_7184.N1 | 16-JUL-2011 02:29:08 | Bright | 38.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 76 | 49026 | No |
| 29 | GOM_NL__2PRFIN20110716_023610_00000403104_00305_49026_7185.N1 | 16-JUL-2011 02:36:10 | Bright | 39.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 79 | 49026 | No |
| 30 | GOM_NL__2PRFIN20110716_023919_00000423104_00305_49026_7186.N1 | 16-JUL-2011 02:39:19 | Bright | 42.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 84 | 49026 | No |
| 31 | GOM_NL__2PRFIN20110716_024627_00000403104_00305_49026_7187.N1 | 16-JUL-2011 02:46:27 | Bright | 39.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 79 | 49026 | No |
| 32 | GOM_NL__2PRFIN20110716_025515_00000673104_00305_49026_7188.N1 | 16-JUL-2011 02:55:15 | Bright | 66.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 133 | 49026 | No |
| 33 | GOM_NL__2PRFIN20110716_030021_00000423104_00305_49026_7189.N1 | 16-JUL-2011 03:00:21 | Bright | 41.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 83 | 49026 | No |
| 34 | GOM_NL__2PRFIN20110716_030143_00000423104_00305_49026_7190.N1 | 16-JUL-2011 03:01:43 | Bright | 41.500 | 35 | 33Alp Per | 1.7950 | 6250.0 | 83 | 49026 | No |
| 35 | GOM_NL__2PRFIN20110716_030439_00000463104_00305_49026_7191.N1 | 16-JUL-2011 03:04:39 | Bright | 46.000 | 79 | 26Bet Per | 2.3100 | 13100. | 92 | 49026 | No |
| 36 | GOM_NL__2PRFIN20110716_030734_00000473104_00305_49026_7192.N1 | 16-JUL-2011 03:07:34 | Twilight | 47.000 | 150 | 44Zet Per | 2.8900 | 28000. | 94 | 49026 | No |
| 37 | GOM_NL__2PRFIN20110716_031010_00000453104_00305_49026_7193.N1 | 16-JUL-2011 03:10:10 | Twilight | 45.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 90 | 49026 | No |
| 38 | GOM_NL__2PRFIN20110716_031145_00000423104_00305_49026_7194.N1 | 16-JUL-2011 03:11:45 | Twilight | 42.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 84 | 49026 | No |
| 39 | GOM_NL__2PRFIN20110716_031811_00000593104_00305_49026_7195.N1 | 16-JUL-2011 03:18:11 | Dark | 59.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 118 | 49026 | No |
| 40 | GOM_NL__2PRFIN20110716_032112_00000483104_00305_49026_7196.N1 | 16-JUL-2011 03:21:12 | Dark | 47.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 95 | 49026 | No |
| 41 | GOM_NL__2PRFIN20110716_033011_00000433104_00305_49026_7197.N1 | 16-JUL-2011 03:30:11 | Dark | 43.000 | 157 | The1Eri | 2.9060 | 9300.0 | 86 | 49026 | No |
| 42 | GOM_NL__2PRFIN20110716_033618_00000543104_00306_49027_7178.N1 | 16-JUL-2011 03:36:18 | Dark | 54.000 | 9 | Alp Eri | 0.45300 | 24000. | 108 | 49027 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 43 | GOM_NL__2PRFIN20110716_033922_000000543104_00306_49027_7179.N1 | 16-JUL-2011 03:39:22 | Dark | 53.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 107 | 49027 | No |
| 44 | GOM_NL__2PRFIN20110716_034504_000000633104_00306_49027_7180.N1 | 16-JUL-2011 03:45:04 | Straylight | 63.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 126 | 49027 | No |
| 45 | GOM_NL__2PRFIN20110716_034638_000000493104_00306_49027_7181.N1 | 16-JUL-2011 03:46:38 | Straylight | 48.500 | 31 | Alp Gru | 1.7340 | 15200. | 97 | 49027 | No |
| 46 | GOM_NL__2PRFIN20110716_034950_000000523104_00306_49027_7182.N1 | 16-JUL-2011 03:49:50 | Straylight | 51.500 | 172 | Gam Gru | 3.0030 | 13100. | 103 | 49027 | No |
| 47 | GOM_NL__2PRFIN20110716_035850_000000393104_00306_49027_7183.N1 | 16-JUL-2011 03:58:50 | Bright | 38.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 77 | 49027 | No |
| 48 | GOM_NL__2PRFIN20110716_040922_000000393104_00306_49027_7184.N1 | 16-JUL-2011 04:09:22 | Bright | 38.500 | 168 | 17Zet Aql | 2.9860 | 11000. | 77 | 49027 | No |
| 49 | GOM_NL__2PRFIN20110716_041624_000000413104_00306_49027_7185.N1 | 16-JUL-2011 04:16:24 | Bright | 40.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 81 | 49027 | No |
| 50 | GOM_NL__2PRFIN20110716_041932_000000403104_00306_49027_7186.N1 | 16-JUL-2011 04:19:32 | Bright | 40.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 80 | 49027 | No |
| 51 | GOM_NL__2PRFIN20110716_042641_000000413104_00306_49027_7187.N1 | 16-JUL-2011 04:26:41 | Bright | 40.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 81 | 49027 | No |
| 52 | GOM_NL__2PRFIN20110716_043528_000000483104_00306_49027_7188.N1 | 16-JUL-2011 04:35:28 | Bright | 47.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 95 | 49027 | No |
| 53 | GOM_NL__2PRFIN20110716_044035_000000423104_00306_49027_7189.N1 | 16-JUL-2011 04:40:35 | Bright | 42.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 84 | 49027 | No |
| 54 | GOM_NL__2PRFIN20110716_044157_000000453104_00306_49027_7190.N1 | 16-JUL-2011 04:41:57 | Bright | 45.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 90 | 49027 | No |
| 55 | GOM_NL__2PRFIN20110716_044453_000000473104_00306_49027_7191.N1 | 16-JUL-2011 04:44:53 | Bright | 46.500 | 79 | 26Bet Per | 2.3100 | 13100. | 93 | 49027 | No |
| 56 | GOM_NL__2PRFIN20110716_044749_000000453104_00306_49027_7192.N1 | 16-JUL-2011 04:47:49 | Tw_i_and_stray | 45.000 | 150 | 44Zet Per | 2.8900 | 28000. | 90 | 49027 | No |
| 57 | GOM_NL__2PRFIN20110716_045024_000000453104_00306_49027_7193.N1 | 16-JUL-2011 04:50:24 | Twilight | 45.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 90 | 49027 | No |
| 58 | GOM_NL__2PRFIN20110716_045159_000000483104_00306_49027_7194.N1 | 16-JUL-2011 04:51:59 | Twilight | 48.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 96 | 49027 | No |
| 59 | GOM_NL__2PRFIN20110716_045826_000000603104_00306_49027_7195.N1 | 16-JUL-2011 04:58:26 | Dark | 59.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 119 | 49027 | No |
| 60 | GOM_NL__2PRFIN20110716_050126_000000473104_00306_49027_7196.N1 | 16-JUL-2011 05:01:26 | Dark | 46.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 93 | 49027 | No |
| 61 | GOM_NL__2PRFIN20110716_051026_000000433104_00306_49027_7197.N1 | 16-JUL-2011 05:10:26 | Dark | 42.500 | 157 | The1Eri | 2.9060 | 9300.0 | 85 | 49027 | No |
| 62 | GOM_NL__2PRFIN20110716_051633_000000523104_00307_49028_7178.N1 | 16-JUL-2011 05:16:33 | Dark | 52.000 | 9 | Alp Eri | 0.45300 | 24000. | 104 | 49028 | No |
| 63 | GOM_NL__2PRFIN20110716_051937_000000543104_00307_49028_7179.N1 | 16-JUL-2011 05:19:37 | Dark | 53.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 107 | 49028 | No |
| 64 | GOM_NL__2PRFIN20110716_052519_000000623104_00307_49028_7180.N1 | 16-JUL-2011 05:25:19 | Straylight | 62.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 124 | 49028 | No |
| 65 | GOM_NL__2PRFIN20110716_052653_000000473104_00307_49028_7181.N1 | 16-JUL-2011 05:26:53 | Straylight | 46.500 | 31 | Alp Gru | 1.7340 | 15200. | 93 | 49028 | No |
| 66 | GOM_NL__2PRFIN20110716_053005_000000503104_00307_49028_7182.N1 | 16-JUL-2011 05:30:05 | Straylight | 50.000 | 172 | Gam Gru | 3.0030 | 13100. | 100 | 49028 | No |
| 67 | GOM_NL__2PRFIN20110716_053904_000000393104_00307_49028_7183.N1 | 16-JUL-2011 05:39:04 | Bright | 39.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 78 | 49028 | No |
| 68 | GOM_NL__2PRFIN20110716_054936_000000393104_00307_49028_7184.N1 | 16-JUL-2011 05:49:36 | Bright | 39.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 78 | 49028 | No |
| 69 | GOM_NL__2PRFIN20110716_055638_000000393104_00307_49028_7185.N1 | 16-JUL-2011 05:56:38 | Bright | 39.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 78 | 49028 | No |
| 70 | GOM_NL__2PRFIN20110716_055946_000000423104_00307_49028_7186.N1 | 16-JUL-2011 05:59:46 | Bright | 42.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 84 | 49028 | No |
| 71 | GOM_NL__2PRFIN20110716_060654_000000443104_00307_49028_7187.N1 | 16-JUL-2011 06:06:54 | Bright | 44.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 88 | 49028 | No |
| 72 | GOM_NL__2PRFIN20110716_061542_000000473104_00307_49028_7188.N1 | 16-JUL-2011 06:15:42 | Bright | 46.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 93 | 49028 | No |
| 73 | GOM_NL__2PRFIN20110716_062049_000000623104_00307_49028_7189.N1 | 16-JUL-2011 06:20:49 | Bright | 62.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 124 | 49028 | No |
| 74 | GOM_NL__2PRFIN20110716_062211_000000423104_00307_49028_7190.N1 | 16-JUL-2011 06:22:11 | Bright | 42.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 84 | 49028 | No |
| 75 | GOM_NL__2PRFIN20110716_062507_000000443104_00307_49028_7191.N1 | 16-JUL-2011 06:25:07 | Bright | 43.500 | 79 | 26Bet Per | 2.3100 | 13100. | 87 | 49028 | No |
| 76 | GOM_NL__2PRFIN20110716_062803_000000453104_00307_49028_7192.N1 | 16-JUL-2011 06:28:03 | Tw_i_and_stray | 44.500 | 150 | 44Zet Per | 2.8900 | 28000. | 89 | 49028 | No |
| 77 | GOM_NL__2PRFIN20110716_063038_000000453104_00307_49028_7193.N1 | 16-JUL-2011 06:30:38 | Twilight | 45.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 90 | 49028 | No |
| 78 | GOM_NL__2PRFIN20110716_063213_000000473104_00307_49028_7194.N1 | 16-JUL-2011 06:32:13 | Twilight | 46.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 93 | 49028 | No |
| 79 | GOM_NL__2PRFIN20110716_063840_000000603104_00307_49028_7195.N1 | 16-JUL-2011 06:38:40 | Dark | 60.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 120 | 49028 | No |
| 80 | GOM_NL__2PRFIN20110716_064141_000000463104_00307_49028_7196.N1 | 16-JUL-2011 06:41:41 | Dark | 45.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 91 | 49028 | No |
| 81 | GOM_NL__2PRFIN20110716_065041_000000423104_00307_49028_7197.N1 | 16-JUL-2011 06:50:41 | Dark | 42.000 | 157 | The1Eri | 2.9060 | 9300.0 | 84 | 49028 | No |
| 82 | GOM_NL__2PRFIN20110716_065648_000000493104_00308_49029_7178.N1 | 16-JUL-2011 06:56:48 | Dark | 49.000 | 9 | Alp Eri | 0.45300 | 24000. | 98 | 49029 | No |
| 83 | GOM_NL__2PRFIN20110716_065952_000000513104_00308_49029_7179.N1 | 16-JUL-2011 06:59:52 | Dark | 51.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 102 | 49029 | No |
| 84 | GOM_NL__2PRFIN20110716_070534_000000493104_00308_49029_7180.N1 | 16-JUL-2011 07:05:34 | Straylight | 48.500 | 63 | Bet Gru | 2.1500 | 2800.0 | 97 | 49029 | No |
| 85 | GOM_NL__2PRFIN20110716_070708_000000473104_00308_49029_7181.N1 | 16-JUL-2011 07:07:08 | Straylight | 47.000 | 31 | Alp Gru | 1.7340 | 15200. | 94 | 49029 | No |
| 86 | GOM_NL__2PRFIN20110716_071020_000000523104_00308_49029_7182.N1 | 16-JUL-2011 07:10:20 | Straylight | 51.500 | 172 | Gam Gru | 3.0030 | 13100. | 103 | 49029 | No |
| 87 | GOM_NL__2PRFIN20110716_071918_000000393104_00308_49029_7183.N1 | 16-JUL-2011 07:19:18 | Bright | 39.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 78 | 49029 | No |
| 88 | GOM_NL__2PRFIN20110716_072950_000000393104_00308_49029_7184.N1 | 16-JUL-2011 07:29:50 | Bright | 38.500 | 168 | 17Zet Aql | 2.9860 | 11000. | 77 | 49029 | No |
| 89 | GOM_NL__2PRFIN20110716_073652_000000553104_00308_49029_7185.N1 | 16-JUL-2011 07:36:52 | Bright | 55.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 110 | 49029 | No |
| 90 | GOM_NL__2PRFIN20110716_074000_000000423104_00308_49029_7186.N1 | 16-JUL-2011 07:40:00 | Bright | 42.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 84 | 49029 | No |
| 91 | GOM_NL__2PRFIN20110716_074708_000000413104_00308_49029_7187.N1 | 16-JUL-2011 07:47:08 | Bright | 40.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 81 | 49029 | No |
| 92 | GOM_NL__2PRFIN20110716_075556_000000543104_00308_49029_7188.N1 | 16-JUL-2011 07:55:56 | Bright | 54.000 | 76 | 27Gam Cas | 2.3000 | 30000. | 108 | 49029 | No |
| 93 | GOM_NL__2PRFIN20110716_080103_000000483104_00308_49029_7189.N1 | 16-JUL-2011 08:01:03 | Bright | 47.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 95 | 49029 | No |
| 94 | GOM_NL__2PRFIN20110716_080225_000000433104_00308_49029_7190.N1 | 16-JUL-2011 08:02:25 | Bright | 43.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 86 | 49029 | No |
| 95 | GOM_NL__2PRFIN20110716_080521_000000483104_00308_49029_7191.N1 | 16-JUL-2011 08:05:21 | Bright | 48.000 | 79 | 26Bet Per | 2.3100 | 13100. | 96 | 49029 | No |
| 96 | GOM_NL__2PRFIN20110716_080817_000000463104_00308_49029_7192.N1 | 16-JUL-2011 08:08:17 | Tw_i_and_stray | 46.000 | 150 | 44Zet Per | 2.8900 | 28000. | 92 | 49029 | No |
| 97 | GOM_NL__2PRFIN20110716_081052_000000463104_00308_49029_7193.N1 | 16-JUL-2011 08:10:52 | Twilight | 45.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 91 | 49029 | No |
| 98 | GOM_NL__2PRFIN20110716_081227_000000453104_00308_49029_7194.N1 | 16-JUL-2011 08:12:27 | Twilight | 44.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 89 | 49029 | No |
| 99 | GOM_NL__2PRFIN20110716_081855_000000593104_00308_49029_7195.N1 | 16-JUL-2011 08:18:55 | Dark | 59.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 118 | 49029 | No |
| 100 | GOM_NL__2PRFIN20110716_082155_000000473104_00308_49029_7196.N1 | 16-JUL-2011 08:21:55 | Dark | 46.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 93 | 49029 | No |
| 101 | GOM_NL__2PRFIN20110716_083056_000000413104_00308_49029_7197.N1 | 16-JUL-2011 08:30:56 | Dark | 41.000 | 157 | The1Eri | 2.9060 | 9300.0 | 82 | 49029 | No |

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|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20110716_083702_000000513104_00309_49030_7178.N1 | 16-JUL-2011 08:37:02 | Dark | 50.500 | 9 | Alp Eri | 0.45300 | 24000. | 101 | 49030 | No |
| 103 | GOM_NL__2PRFIN20110716_084007_000000523104_00309_49030_7179.N1 | 16-JUL-2011 08:40:07 | Dark | 51.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 103 | 49030 | No |
| 104 | GOM_NL__2PRFIN20110716_084549_000000663104_00309_49030_7180.N1 | 16-JUL-2011 08:45:49 | Straylight | 66.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 132 | 49030 | No |
| 105 | GOM_NL__2PRFIN20110716_084723_000000483104_00309_49030_7181.N1 | 16-JUL-2011 08:47:23 | Straylight | 48.000 | 31 | Alp Gru | 1.7340 | 15200. | 96 | 49030 | No |
| 106 | GOM_NL__2PRFIN20110716_085035_000000543104_00309_49030_7182.N1 | 16-JUL-2011 08:50:35 | Straylight | 53.500 | 172 | Gam Gru | 3.0030 | 13100. | 107 | 49030 | No |
| 107 | GOM_NL__2PRFIN20110716_085932_000000393104_00309_49030_7183.N1 | 16-JUL-2011 08:59:32 | Bright | 39.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 78 | 49030 | No |
| 108 | GOM_NL__2PRFIN20110716_091004_000000383104_00309_49030_7184.N1 | 16-JUL-2011 09:10:04 | Bright | 38.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 76 | 49030 | No |
| 109 | GOM_NL__2PRFIN20110716_091706_000000543104_00309_49030_7185.N1 | 16-JUL-2011 09:17:06 | Bright | 53.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 107 | 49030 | No |
| 110 | GOM_NL__2PRFIN20110716_092013_000000433104_00309_49030_7186.N1 | 16-JUL-2011 09:20:13 | Bright | 42.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 85 | 49030 | No |
| 111 | GOM_NL__2PRFIN20110716_092721_000000443104_00309_49030_7187.N1 | 16-JUL-2011 09:27:21 | Bright | 43.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 87 | 49030 | No |
| 112 | GOM_NL__2PRFIN20110716_093609_000000493104_00309_49030_7188.N1 | 16-JUL-2011 09:36:09 | Bright | 49.000 | 76 | 27Gam Cas | 2.3000 | 30000. | 98 | 49030 | No |
| 113 | GOM_NL__2PRFIN20110716_094116_000000573104_00309_49030_7189.N1 | 16-JUL-2011 09:41:16 | Bright | 57.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 114 | 49030 | No |
| 114 | GOM_NL__2PRFIN20110716_094238_000000413104_00309_49030_7190.N1 | 16-JUL-2011 09:42:38 | Bright | 41.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 82 | 49030 | No |
| 115 | GOM_NL__2PRFIN20110716_094535_000000473104_00309_49030_7191.N1 | 16-JUL-2011 09:45:35 | Bright | 47.000 | 79 | 26Bet Per | 2.3100 | 13100. | 94 | 49030 | No |
| 116 | GOM_NL__2PRFIN20110716_094831_000000453104_00309_49030_7192.N1 | 16-JUL-2011 09:48:31 | Twilight | 45.000 | 150 | 44Zet Per | 2.8900 | 28000. | 90 | 49030 | No |
| 117 | GOM_NL__2PRFIN20110716_095107_000000433104_00309_49030_7193.N1 | 16-JUL-2011 09:51:07 | Twilight | 42.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 85 | 49030 | No |
| 118 | GOM_NL__2PRFIN20110716_095242_000000463104_00309_49030_7194.N1 | 16-JUL-2011 09:52:42 | Twilight | 46.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 92 | 49030 | No |
| 119 | GOM_NL__2PRFIN20110716_095910_000000623104_00309_49030_7195.N1 | 16-JUL-2011 09:59:10 | Dark | 62.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 124 | 49030 | No |
| 120 | GOM_NL__2PRFIN20110716_100210_000000453104_00309_49030_7196.N1 | 16-JUL-2011 10:02:10 | Dark | 45.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 90 | 49030 | No |
| 121 | GOM_NL__2PRFIN20110716_101110_000000433104_00309_49030_7197.N1 | 16-JUL-2011 10:11:10 | Dark | 42.500 | 157 | The1Eri | 2.9060 | 9300.0 | 85 | 49030 | No |
| 122 | GOM_NL__2PRFIN20110716_101717_000000523104_00310_49031_7178.N1 | 16-JUL-2011 10:17:17 | Dark | 51.500 | 9 | Alp Eri | 0.45300 | 24000. | 103 | 49031 | No |
| 123 | GOM_NL__2PRFIN20110716_102022_000000523104_00310_49031_7179.N1 | 16-JUL-2011 10:20:22 | Dark | 52.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 104 | 49031 | No |
| 124 | GOM_NL__2PRFIN20110716_102603_000000583104_00310_49031_7180.N1 | 16-JUL-2011 10:26:03 | Straylight | 58.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 116 | 49031 | No |
| 125 | GOM_NL__2PRFIN20110716_102737_000000513104_00310_49031_7181.N1 | 16-JUL-2011 10:27:37 | Straylight | 50.500 | 31 | Alp Gru | 1.7340 | 15200. | 101 | 49031 | No |
| 126 | GOM_NL__2PRFIN20110716_103049_000000533104_00310_49031_7182.N1 | 16-JUL-2011 10:30:49 | Straylight | 53.000 | 172 | Gam Gru | 3.0030 | 13100. | 106 | 49031 | No |
| 127 | GOM_NL__2PRFIN20110716_103946_000000393104_00310_49031_7183.N1 | 16-JUL-2011 10:39:46 | Bright | 39.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 78 | 49031 | No |
| 128 | GOM_NL__2PRFIN20110716_105017_000000403104_00310_49031_7184.N1 | 16-JUL-2011 10:50:17 | Bright | 39.500 | 168 | 17Zet Aql | 2.9860 | 11000. | 79 | 49031 | No |
| 129 | GOM_NL__2PRFIN20110716_105719_000000403104_00310_49031_7185.N1 | 16-JUL-2011 10:57:19 | Bright | 39.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 79 | 49031 | No |
| 130 | GOM_NL__2PRFIN20110716_110026_000000423104_00310_49031_7186.N1 | 16-JUL-2011 11:00:26 | Bright | 42.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 84 | 49031 | No |
| 131 | GOM_NL__2PRFIN20110716_110734_000000433104_00310_49031_7187.N1 | 16-JUL-2011 11:07:34 | Bright | 42.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 85 | 49031 | No |
| 132 | GOM_NL__2PRFIN20110716_111622_000000463104_00310_49031_7188.N1 | 16-JUL-2011 11:16:22 | Bright | 46.000 | 76 | 27Gam Cas | 2.3000 | 30000. | 92 | 49031 | No |
| 133 | GOM_NL__2PRFIN20110716_112130_000000493104_00310_49031_7189.N1 | 16-JUL-2011 11:21:30 | Bright | 48.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 97 | 49031 | No |
| 134 | GOM_NL__2PRFIN20110716_112252_000000473104_00310_49031_7190.N1 | 16-JUL-2011 11:22:52 | Bright | 46.500 | 35 | 33Alp Per | 1.7950 | 6250.0 | 93 | 49031 | No |
| 135 | GOM_NL__2PRFIN20110716_112549_000000483104_00310_49031_7191.N1 | 16-JUL-2011 11:25:49 | Bright | 48.000 | 79 | 26Bet Per | 2.3100 | 13100. | 96 | 49031 | No |
| 136 | GOM_NL__2PRFIN20110716_112845_000000453104_00310_49031_7192.N1 | 16-JUL-2011 11:28:45 | Twilight | 44.500 | 150 | 44Zet Per | 2.8900 | 28000. | 89 | 49031 | No |
| 137 | GOM_NL__2PRFIN20110716_113121_000000463104_00310_49031_7193.N1 | 16-JUL-2011 11:31:21 | Twilight | 46.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 92 | 49031 | No |
| 138 | GOM_NL__2PRFIN20110716_113256_000000493104_00310_49031_7194.N1 | 16-JUL-2011 11:32:56 | Twilight | 49.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 98 | 49031 | No |
| 139 | GOM_NL__2PRFIN20110716_113925_000000593104_00310_49031_7195.N1 | 16-JUL-2011 11:39:25 | Dark | 59.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 118 | 49031 | No |
| 140 | GOM_NL__2PRFIN20110716_114224_000000463104_00310_49031_7196.N1 | 16-JUL-2011 11:42:24 | Dark | 45.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 91 | 49031 | No |
| 141 | GOM_NL__2PRFIN20110716_115125_000000403104_00310_49031_7197.N1 | 16-JUL-2011 11:51:25 | Dark | 39.500 | 157 | The1Eri | 2.9060 | 9300.0 | 79 | 49031 | No |
| 142 | GOM_NL__2PRFIN20110716_115731_000000433104_00311_49032_7178.N1 | 16-JUL-2011 11:57:31 | Dark | 43.000 | 9 | Alp Eri | 0.45300 | 24000. | 86 | 49032 | No |
| 143 | GOM_NL__2PRFIN20110716_120038_000000543104_00311_49032_7179.N1 | 16-JUL-2011 12:00:38 | Dark | 54.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 108 | 49032 | No |
| 144 | GOM_NL__2PRFIN20110716_120618_000000523104_00311_49032_7180.N1 | 16-JUL-2011 12:06:18 | Straylight | 52.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 104 | 49032 | No |
| 145 | GOM_NL__2PRFIN20110716_120752_000000473104_00311_49032_7181.N1 | 16-JUL-2011 12:07:52 | Straylight | 47.000 | 31 | Alp Gru | 1.7340 | 15200. | 94 | 49032 | No |
| 146 | GOM_NL__2PRFIN20110716_121104_000000533104_00311_49032_7182.N1 | 16-JUL-2011 12:11:04 | Straylight | 52.500 | 172 | Gam Gru | 3.0030 | 13100. | 105 | 49032 | No |
| 147 | GOM_NL__2PRFIN20110716_122001_000000393104_00311_49032_7183.N1 | 16-JUL-2011 12:20:01 | Bright | 38.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 77 | 49032 | No |
| 148 | GOM_NL__2PRFIN20110716_123031_000000383104_00311_49032_7184.N1 | 16-JUL-2011 12:30:31 | Bright | 38.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 76 | 49032 | No |
| 149 | GOM_NL__2PRFIN20110716_123733_000000403104_00311_49032_7185.N1 | 16-JUL-2011 12:37:33 | Bright | 39.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 79 | 49032 | No |
| 150 | GOM_NL__2PRFIN20110716_124040_000000423104_00311_49032_7186.N1 | 16-JUL-2011 12:40:40 | Bright | 41.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 83 | 49032 | No |
| 151 | GOM_NL__2PRFIN20110716_124748_000000413104_00311_49032_7187.N1 | 16-JUL-2011 12:47:48 | Bright | 41.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 82 | 49032 | No |
| 152 | GOM_NL__2PRFIN20110716_125636_000000473104_00311_49032_7188.N1 | 16-JUL-2011 12:56:36 | Bright | 47.000 | 76 | 27Gam Cas | 2.3000 | 30000. | 94 | 49032 | No |
| 153 | GOM_NL__2PRFIN20110716_130144_000000423104_00311_49032_7189.N1 | 16-JUL-2011 13:01:44 | Bright | 42.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 84 | 49032 | No |
| 154 | GOM_NL__2PRFIN20110716_130306_000000433104_00311_49032_7190.N1 | 16-JUL-2011 13:03:06 | Bright | 43.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 86 | 49032 | No |
| 155 | GOM_NL__2PRFIN20110716_130603_000000493104_00311_49032_7191.N1 | 16-JUL-2011 13:06:03 | Bright | 49.000 | 79 | 26Bet Per | 2.3100 | 13100. | 98 | 49032 | No |
| 156 | GOM_NL__2PRFIN20110716_130859_000000463104_00311_49032_7192.N1 | 16-JUL-2011 13:08:59 | Twilight | 45.500 | 150 | 44Zet Per | 2.8900 | 28000. | 91 | 49032 | No |
| 157 | GOM_NL__2PRFIN20110716_131135_000000463104_00311_49032_7193.N1 | 16-JUL-2011 13:11:35 | Twilight | 46.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 92 | 49032 | No |
| 158 | GOM_NL__2PRFIN20110716_131310_000000473104_00311_49032_7194.N1 | 16-JUL-2011 13:13:10 | Twilight | 47.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 94 | 49032 | No |
| 159 | GOM_NL__2PRFIN20110716_131939_000000603104_00311_49032_7195.N1 | 16-JUL-2011 13:19:39 | Dark | 60.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 120 | 49032 | No |
| 160 | GOM_NL__2PRFIN20110716_132239_000000463104_00311_49032_7196.N1 | 16-JUL-2011 13:22:39 | Dark | 46.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 92 | 49032 | No |

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| 161 | GOM_NL__2PRFIN20110716_133140_000000443104_00311_49032_7197.N1 | 16-JUL-2011 13:31:40 | Dark | 43.500 | 157 | The1Eri | 2.9060 | 9300.0 | 87 | 49032 | No |
| 162 | GOM_NL__2PRFIN20110716_133746_000000533104_00312_49033_7178.N1 | 16-JUL-2011 13:37:46 | Dark | 52.500 | 9 | Alp Eri | 0.45300 | 24000. | 105 | 49033 | No |
| 163 | GOM_NL__2PRFIN20110716_134053_000000543104_00312_49033_7179.N1 | 16-JUL-2011 13:40:53 | Dark | 53.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 107 | 49033 | No |
| 164 | GOM_NL__2PRFIN20110716_134633_000000503104_00312_49033_7180.N1 | 16-JUL-2011 13:46:33 | Straylight | 49.500 | 63 | Bet Gru | 2.1500 | 2800.0 | 99 | 49033 | No |
| 165 | GOM_NL__2PRFIN20110716_134807_000000473104_00312_49033_7181.N1 | 16-JUL-2011 13:48:07 | Straylight | 47.000 | 31 | Alp Gru | 1.7340 | 15200. | 94 | 49033 | No |
| 166 | GOM_NL__2PRFIN20110716_135119_000000493104_00312_49033_7182.N1 | 16-JUL-2011 13:51:19 | Straylight | 49.000 | 172 | Gam Gru | 3.0030 | 13100. | 98 | 49033 | No |
| 167 | GOM_NL__2PRFIN20110716_140015_000000403104_00312_49033_7183.N1 | 16-JUL-2011 14:00:15 | Bright | 39.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 79 | 49033 | No |
| 168 | GOM_NL__2PRFIN20110716_141045_000000393104_00312_49033_7184.N1 | 16-JUL-2011 14:10:45 | Bright | 38.500 | 168 | 17Zet Aql | 2.9860 | 11000. | 77 | 49033 | No |
| 169 | GOM_NL__2PRFIN20110716_141747_000000533104_00312_49033_7185.N1 | 16-JUL-2011 14:17:47 | Bright | 52.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 105 | 49033 | No |
| 170 | GOM_NL__2PRFIN20110716_142053_000000423104_00312_49033_7186.N1 | 16-JUL-2011 14:20:53 | Bright | 42.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 84 | 49033 | No |
| 171 | GOM_NL__2PRFIN20110716_142801_000000403104_00312_49033_7187.N1 | 16-JUL-2011 14:28:01 | Bright | 40.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 80 | 49033 | No |
| 172 | GOM_NL__2PRFIN20110716_143649_000000633104_00312_49033_7188.N1 | 16-JUL-2011 14:36:49 | Bright | 63.000 | 76 | 27Gam Cas | 2.3000 | 30000. | 126 | 49033 | No |
| 173 | GOM_NL__2PRFIN20110716_144158_000000623104_00312_49033_7189.N1 | 16-JUL-2011 14:41:58 | Bright | 62.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 124 | 49033 | No |
| 174 | GOM_NL__2PRFIN20110716_144320_000000613104_00312_49033_7190.N1 | 16-JUL-2011 14:43:20 | Bright | 61.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 122 | 49033 | No |
| 175 | GOM_NL__2PRFIN20110716_144617_000000473104_00312_49033_7191.N1 | 16-JUL-2011 14:46:17 | Bright | 46.500 | 79 | 26Bet Per | 2.3100 | 13100. | 93 | 49033 | No |
| 176 | GOM_NL__2PRFIN20110716_144913_000000473104_00312_49033_7192.N1 | 16-JUL-2011 14:49:13 | Twilight | 47.000 | 150 | 44Zet Per | 2.8900 | 28000. | 94 | 49033 | No |
| 177 | GOM_NL__2PRFIN20110716_145149_000000443104_00312_49033_7193.N1 | 16-JUL-2011 14:51:49 | Twilight | 43.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 87 | 49033 | No |
| 178 | GOM_NL__2PRFIN20110716_145324_000000473104_00312_49033_7194.N1 | 16-JUL-2011 14:53:24 | Twilight | 47.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 94 | 49033 | No |
| 179 | GOM_NL__2PRFIN20110716_145954_000000613104_00312_49033_7195.N1 | 16-JUL-2011 14:59:54 | Dark | 60.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 121 | 49033 | No |
| 180 | GOM_NL__2PRFIN20110716_150253_000000473104_00312_49033_7196.N1 | 16-JUL-2011 15:02:53 | Dark | 47.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 94 | 49033 | No |
| 181 | GOM_NL__2PRFIN20110716_151154_000000413104_00312_49033_7197.N1 | 16-JUL-2011 15:11:54 | Dark | 41.000 | 157 | The1Eri | 2.9060 | 9300.0 | 82 | 49033 | No |
| 182 | GOM_NL__2PRFIN20110716_151800_000000433104_00313_49034_7198.N1 | 16-JUL-2011 15:18:00 | Dark | 42.500 | 9 | Alp Eri | 0.45300 | 24000. | 85 | 49034 | No |
| 183 | GOM_NL__2PRFIN20110716_152108_000000533104_00313_49034_7199.N1 | 16-JUL-2011 15:21:08 | Dark | 53.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 106 | 49034 | No |
| 184 | GOM_NL__2PRFIN20110716_152648_000000513104_00313_49034_7200.N1 | 16-JUL-2011 15:26:48 | Straylight | 50.500 | 63 | Bet Gru | 2.1500 | 2800.0 | 101 | 49034 | No |
| 185 | GOM_NL__2PRFIN20110716_152821_000000473104_00313_49034_7201.N1 | 16-JUL-2011 15:28:21 | Straylight | 47.000 | 31 | Alp Gru | 1.7340 | 15200. | 94 | 49034 | No |
| 186 | GOM_NL__2PRFIN20110716_153133_000000513104_00313_49034_7202.N1 | 16-JUL-2011 15:31:33 | Straylight | 50.500 | 172 | Gam Gru | 3.0030 | 13100. | 101 | 49034 | No |
| 187 | GOM_NL__2PRFIN20110716_154029_000000383104_00313_49034_7203.N1 | 16-JUL-2011 15:40:29 | Bright | 38.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 76 | 49034 | No |
| 188 | GOM_NL__2PRFIN20110716_155059_000000393104_00313_49034_7204.N1 | 16-JUL-2011 15:50:59 | Bright | 39.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 78 | 49034 | No |
| 189 | GOM_NL__2PRFIN20110716_155801_000000403104_00313_49034_7205.N1 | 16-JUL-2011 15:58:01 | Bright | 40.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 80 | 49034 | No |
| 190 | GOM_NL__2PRFIN20110716_160107_000000423104_00313_49034_7206.N1 | 16-JUL-2011 16:01:07 | Bright | 42.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 84 | 49034 | No |
| 191 | GOM_NL__2PRFIN20110716_160815_000000403104_00313_49034_7207.N1 | 16-JUL-2011 16:08:15 | Bright | 40.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 80 | 49034 | No |
| 192 | GOM_NL__2PRFIN20110716_161703_000000473104_00313_49034_7208.N1 | 16-JUL-2011 16:17:03 | Bright | 47.000 | 76 | 27Gam Cas | 2.3000 | 30000. | 94 | 49034 | No |
| 193 | GOM_NL__2PRFIN20110716_162211_000000623104_00313_49034_7209.N1 | 16-JUL-2011 16:22:11 | Bright | 62.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 124 | 49034 | No |
| 194 | GOM_NL__2PRFIN20110716_162334_000000423104_00313_49034_7210.N1 | 16-JUL-2011 16:23:34 | Bright | 42.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 84 | 49034 | No |
| 195 | GOM_NL__2PRFIN20110716_162630_000000483104_00313_49034_7211.N1 | 16-JUL-2011 16:26:30 | Bright | 47.500 | 79 | 26Bet Per | 2.3100 | 13100. | 95 | 49034 | No |
| 196 | GOM_NL__2PRFIN20110716_162928_000000443104_00313_49034_7212.N1 | 16-JUL-2011 16:29:28 | Twilight | 44.000 | 150 | 44Zet Per | 2.8900 | 28000. | 88 | 49034 | No |
| 197 | GOM_NL__2PRFIN20110716_163203_000000453104_00313_49034_7213.N1 | 16-JUL-2011 16:32:03 | Twilight | 44.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 89 | 49034 | No |
| 198 | GOM_NL__2PRFIN20110716_163339_000000473104_00313_49034_7214.N1 | 16-JUL-2011 16:33:39 | Twilight | 46.500 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 93 | 49034 | No |
| 199 | GOM_NL__2PRFIN20110716_164009_000000603104_00313_49034_7215.N1 | 16-JUL-2011 16:40:09 | Dark | 59.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 119 | 49034 | No |
| 200 | GOM_NL__2PRFIN20110716_164308_000000483104_00313_49034_7216.N1 | 16-JUL-2011 16:43:08 | Dark | 48.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 96 | 49034 | No |
| 201 | GOM_NL__2PRFIN20110716_165209_000000433104_00313_49034_7217.N1 | 16-JUL-2011 16:52:09 | Dark | 42.500 | 157 | The1Eri | 2.9060 | 9300.0 | 85 | 49034 | No |
| 202 | GOM_NL__2PRFIN20110716_165815_000000433104_00314_49035_7198.N1 | 16-JUL-2011 16:58:15 | Dark | 43.000 | 9 | Alp Eri | 0.45300 | 24000. | 86 | 49035 | No |
| 203 | GOM_NL__2PRFIN20110716_170123_000000533104_00314_49035_7199.N1 | 16-JUL-2011 17:01:23 | Dark | 53.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 106 | 49035 | No |
| 204 | GOM_NL__2PRFIN20110716_170703_000000513104_00314_49035_7200.N1 | 16-JUL-2011 17:07:03 | Straylight | 51.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 102 | 49035 | No |
| 205 | GOM_NL__2PRFIN20110716_170836_000000473104_00314_49035_7201.N1 | 16-JUL-2011 17:08:36 | Straylight | 46.500 | 31 | Alp Gru | 1.7340 | 15200. | 93 | 49035 | No |
| 206 | GOM_NL__2PRFIN20110716_171148_000000503104_00314_49035_7202.N1 | 16-JUL-2011 17:11:48 | Straylight | 50.000 | 172 | Gam Gru | 3.0030 | 13100. | 100 | 49035 | No |
| 207 | GOM_NL__2PRFIN20110716_172043_000000393104_00314_49035_7203.N1 | 16-JUL-2011 17:20:43 | Bright | 39.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 78 | 49035 | No |
| 208 | GOM_NL__2PRFIN20110716_173113_000000403104_00314_49035_7204.N1 | 16-JUL-2011 17:31:13 | Bright | 39.500 | 168 | 17Zet Aql | 2.9860 | 11000. | 79 | 49035 | No |
| 209 | GOM_NL__2PRFIN20110716_173815_000000403104_00314_49035_7205.N1 | 16-JUL-2011 17:38:15 | Bright | 39.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 79 | 49035 | No |
| 210 | GOM_NL__2PRFIN20110716_174121_000000423104_00314_49035_7206.N1 | 16-JUL-2011 17:41:21 | Bright | 42.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 84 | 49035 | No |
| 211 | GOM_NL__2PRFIN20110716_174828_000000443104_00314_49035_7207.N1 | 16-JUL-2011 17:48:28 | Bright | 44.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 88 | 49035 | No |
| 212 | GOM_NL__2PRFIN20110716_175716_000000473104_00314_49035_7208.N1 | 16-JUL-2011 17:57:16 | Bright | 46.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 93 | 49035 | No |
| 213 | GOM_NL__2PRFIN20110716_180225_000000483104_00314_49035_7209.N1 | 16-JUL-2011 18:02:25 | Bright | 48.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 96 | 49035 | No |
| 214 | GOM_NL__2PRFIN20110716_180348_000000433104_00314_49035_7210.N1 | 16-JUL-2011 18:03:48 | Bright | 43.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 86 | 49035 | No |
| 215 | GOM_NL__2PRFIN20110716_180645_000000483104_00314_49035_7211.N1 | 16-JUL-2011 18:06:45 | Bright | 47.500 | 79 | 26Bet Per | 2.3100 | 13100. | 95 | 49035 | No |
| 216 | GOM_NL__2PRFIN20110716_180942_000000483104_00314_49035_7212.N1 | 16-JUL-2011 18:09:42 | Twilight | 47.500 | 150 | 44Zet Per | 2.8900 | 28000. | 95 | 49035 | No |
| 217 | GOM_NL__2PRFIN20110716_181218_000000453104_00314_49035_7213.N1 | 16-JUL-2011 18:12:18 | Twilight | 45.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 90 | 49035 | No |
| 218 | GOM_NL__2PRFIN20110716_181353_000000463104_00314_49035_7214.N1 | 16-JUL-2011 18:13:53 | Twilight | 46.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 92 | 49035 | No |
| 219 | GOM_NL__2PRFIN20110716_182024_000000623104_00314_49035_7215.N1 | 16-JUL-2011 18:20:24 | Dark | 62.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 124 | 49035 | No |

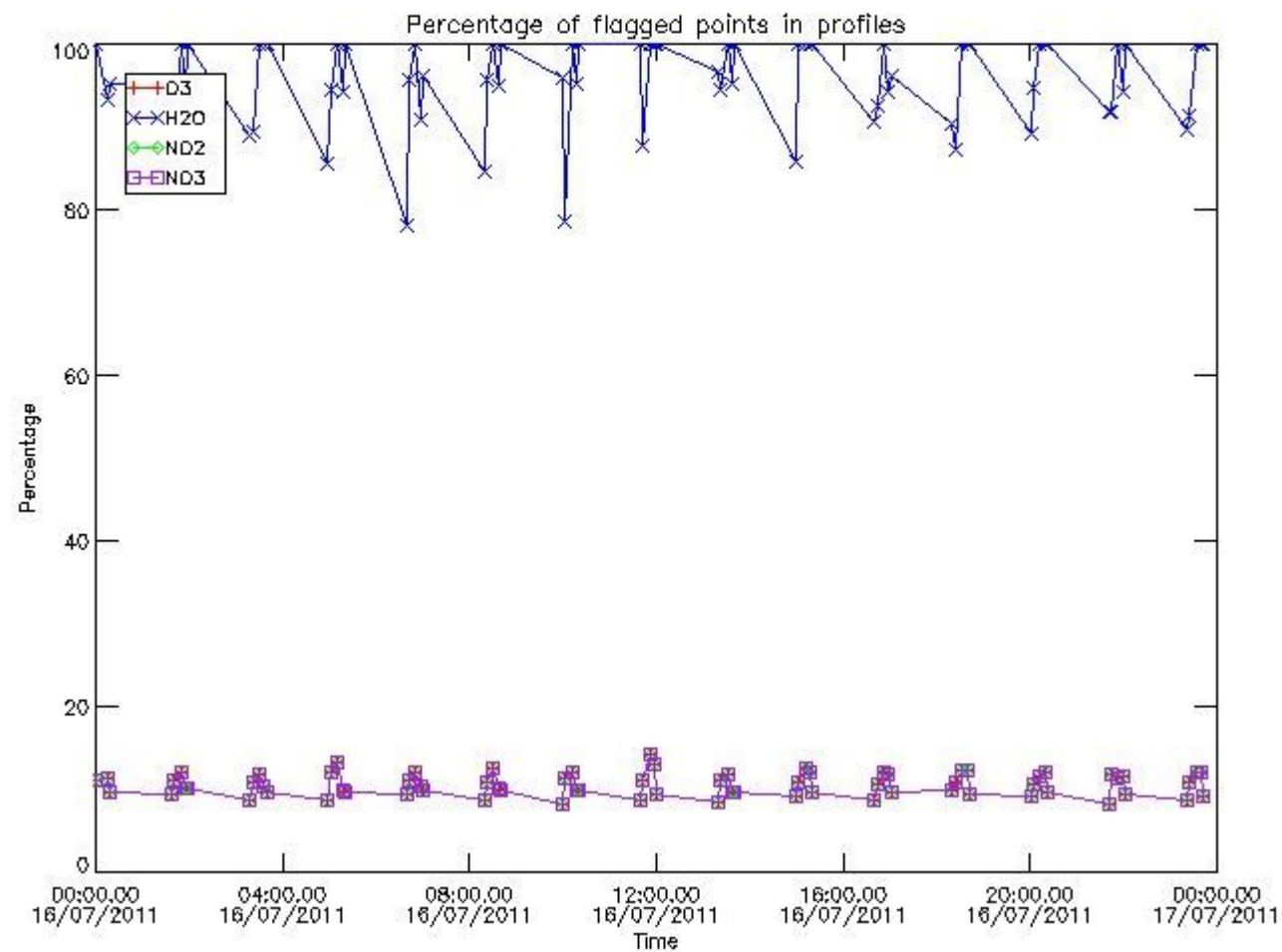
| | | | | | | | | | | | |
|-----|--|----------------------|---------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 220 | GOM_NL__2PRFIN20110716_182323_000000483104_00314_49035_7216.N1 | 16-JUL-2011 18:23:23 | Dark | 47.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 95 | 49035 | No |
| 221 | GOM_NL__2PRFIN20110716_183224_000000423104_00314_49035_7217.N1 | 16-JUL-2011 18:32:24 | Dark | 41.500 | 157 | The1Eri | 2.9060 | 9300.0 | 83 | 49035 | No |
| 222 | GOM_NL__2PRFIN20110716_183830_000000423104_00315_49036_7198.N1 | 16-JUL-2011 18:38:30 | Dark | 41.500 | 9 | Alp Eri | 0.45300 | 24000. | 83 | 49036 | No |
| 223 | GOM_NL__2PRFIN20110716_184138_000000543104_00315_49036_7199.N1 | 16-JUL-2011 18:41:38 | Dark | 54.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 108 | 49036 | No |
| 224 | GOM_NL__2PRFIN20110716_184717_000000493104_00315_49036_7200.N1 | 16-JUL-2011 18:47:17 | Straylight | 49.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 98 | 49036 | No |
| 225 | GOM_NL__2PRFIN20110716_184851_000000463104_00315_49036_7201.N1 | 16-JUL-2011 18:48:51 | Straylight | 45.500 | 31 | Alp Gru | 1.7340 | 15200. | 91 | 49036 | No |
| 226 | GOM_NL__2PRFIN20110716_185203_000000523104_00315_49036_7202.N1 | 16-JUL-2011 18:52:03 | Straylight | 51.500 | 172 | Gam Gru | 3.0030 | 13100. | 103 | 49036 | No |
| 227 | GOM_NL__2PRFIN20110716_190057_000000403104_00315_49036_7203.N1 | 16-JUL-2011 19:00:57 | Bright | 40.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 80 | 49036 | No |
| 228 | GOM_NL__2PRFIN20110716_191127_000000393104_00315_49036_7204.N1 | 16-JUL-2011 19:11:27 | Bright | 38.500 | 168 | 17Zet Aql | 2.9860 | 11000. | 77 | 49036 | No |
| 229 | GOM_NL__2PRFIN20110716_191829_000000373104_00315_49036_7205.N1 | 16-JUL-2011 19:18:29 | Bright | 36.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 73 | 49036 | No |
| 230 | GOM_NL__2PRFIN20110716_192134_000000423104_00315_49036_7206.N1 | 16-JUL-2011 19:21:34 | Bright | 42.000 | 144 | 18Del Cyg | 2.8600 | 11000. | 84 | 49036 | No |
| 231 | GOM_NL__2PRFIN20110716_192842_000000443104_00315_49036_7207.N1 | 16-JUL-2011 19:28:42 | Bright | 44.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 88 | 49036 | No |
| 232 | GOM_NL__2PRFIN20110716_193730_000000483104_00315_49036_7208.N1 | 16-JUL-2011 19:37:30 | Bright | 47.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 95 | 49036 | No |
| 233 | GOM_NL__2PRFIN20110716_194239_000000623104_00315_49036_7209.N1 | 16-JUL-2011 19:42:39 | Bright | 62.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 124 | 49036 | No |
| 234 | GOM_NL__2PRFIN20110716_194402_000000433104_00315_49036_7210.N1 | 16-JUL-2011 19:44:02 | Bright | 42.500 | 35 | 33Alp Per | 1.7950 | 6250.0 | 85 | 49036 | No |
| 235 | GOM_NL__2PRFIN20110716_194658_000000463104_00315_49036_7211.N1 | 16-JUL-2011 19:46:58 | Bright | 46.000 | 79 | 26Bet Per | 2.3100 | 13100. | 92 | 49036 | No |
| 236 | GOM_NL__2PRFIN20110716_194956_000000453104_00315_49036_7212.N1 | 16-JUL-2011 19:49:56 | Twi_and_stray | 44.500 | 150 | 44Zet Per | 2.8900 | 28000. | 89 | 49036 | No |
| 237 | GOM_NL__2PRFIN20110716_195232_000000473104_00315_49036_7213.N1 | 16-JUL-2011 19:52:32 | Twilight | 46.500 | 146 | 25Eta Tau | 2.8730 | 15200. | 93 | 49036 | No |
| 238 | GOM_NL__2PRFIN20110716_195407_000000463104_00315_49036_7214.N1 | 16-JUL-2011 19:54:07 | Twilight | 46.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 92 | 49036 | No |
| 239 | GOM_NL__2PRFIN20110716_200039_000000613104_00315_49036_7215.N1 | 16-JUL-2011 20:00:39 | Dark | 60.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 121 | 49036 | No |
| 240 | GOM_NL__2PRFIN20110716_200337_000000483104_00315_49036_7216.N1 | 16-JUL-2011 20:03:37 | Dark | 48.000 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 96 | 49036 | No |
| 241 | GOM_NL__2PRFIN20110716_201239_000000443104_00315_49036_7217.N1 | 16-JUL-2011 20:12:39 | Dark | 44.000 | 157 | The1Eri | 2.9060 | 9300.0 | 88 | 49036 | No |
| 242 | GOM_NL__2PRFIN20110716_201844_000000473104_00316_49037_7198.N1 | 16-JUL-2011 20:18:44 | Dark | 46.500 | 9 | Alp Eri | 0.45300 | 24000. | 93 | 49037 | No |
| 243 | GOM_NL__2PRFIN20110716_202153_000000533104_00316_49037_7199.N1 | 16-JUL-2011 20:21:53 | Dark | 53.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 106 | 49037 | No |
| 244 | GOM_NL__2PRFIN20110716_202732_000000503104_00316_49037_7200.N1 | 16-JUL-2011 20:27:32 | Straylight | 49.500 | 63 | Bet Gru | 2.1500 | 2800.0 | 99 | 49037 | No |
| 245 | GOM_NL__2PRFIN20110716_202906_000000453104_00316_49037_7201.N1 | 16-JUL-2011 20:29:06 | Straylight | 45.000 | 31 | Alp Gru | 1.7340 | 15200. | 90 | 49037 | No |
| 246 | GOM_NL__2PRFIN20110716_203217_000000503104_00316_49037_7202.N1 | 16-JUL-2011 20:32:17 | Straylight | 50.000 | 172 | Gam Gru | 3.0030 | 13100. | 100 | 49037 | No |
| 247 | GOM_NL__2PRFIN20110716_204111_000000393104_00316_49037_7203.N1 | 16-JUL-2011 20:41:11 | Bright | 38.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 77 | 49037 | No |
| 248 | GOM_NL__2PRFIN20110716_205141_000000393104_00316_49037_7204.N1 | 16-JUL-2011 20:51:41 | Bright | 39.000 | 168 | 17Zet Aql | 2.9860 | 11000. | 78 | 49037 | No |
| 249 | GOM_NL__2PRFIN20110716_205843_000000403104_00316_49037_7205.N1 | 16-JUL-2011 20:58:43 | Bright | 40.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 80 | 49037 | No |
| 250 | GOM_NL__2PRFIN20110716_210148_000000443104_00316_49037_7206.N1 | 16-JUL-2011 21:01:48 | Bright | 43.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 87 | 49037 | No |
| 251 | GOM_NL__2PRFIN20110716_210855_000000443104_00316_49037_7207.N1 | 16-JUL-2011 21:08:55 | Bright | 44.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 88 | 49037 | No |
| 252 | GOM_NL__2PRFIN20110716_211743_000000463104_00316_49037_7208.N1 | 16-JUL-2011 21:17:43 | Bright | 45.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 91 | 49037 | No |
| 253 | GOM_NL__2PRFIN20110716_212253_000000513104_00316_49037_7209.N1 | 16-JUL-2011 21:22:53 | Bright | 51.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 102 | 49037 | No |
| 254 | GOM_NL__2PRFIN20110716_212415_000000443104_00316_49037_7210.N1 | 16-JUL-2011 21:24:15 | Bright | 44.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 88 | 49037 | No |
| 255 | GOM_NL__2PRFIN20110716_212712_000000463104_00316_49037_7211.N1 | 16-JUL-2011 21:27:12 | Bright | 45.500 | 79 | 26Bet Per | 2.3100 | 13100. | 91 | 49037 | No |
| 256 | GOM_NL__2PRFIN20110716_213010_000000443104_00316_49037_7212.N1 | 16-JUL-2011 21:30:10 | Twi_and_stray | 44.000 | 150 | 44Zet Per | 2.8900 | 28000. | 88 | 49037 | No |
| 257 | GOM_NL__2PRFIN20110716_213246_000000473104_00316_49037_7213.N1 | 16-JUL-2011 21:32:46 | Twilight | 47.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 94 | 49037 | No |
| 258 | GOM_NL__2PRFIN20110716_213421_000000473104_00316_49037_7214.N1 | 16-JUL-2011 21:34:21 | Twilight | 47.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 94 | 49037 | No |
| 259 | GOM_NL__2PRFIN20110716_214054_000000623104_00316_49037_7215.N1 | 16-JUL-2011 21:40:54 | Dark | 61.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 123 | 49037 | No |
| 260 | GOM_NL__2PRFIN20110716_214352_000000443104_00316_49037_7216.N1 | 16-JUL-2011 21:43:52 | Dark | 43.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 87 | 49037 | No |
| 261 | GOM_NL__2PRFIN20110716_215253_000000453104_00316_49037_7217.N1 | 16-JUL-2011 21:52:53 | Dark | 45.000 | 157 | The1Eri | 2.9060 | 9300.0 | 90 | 49037 | No |
| 262 | GOM_NL__2PRFIN20110716_215859_000000453104_00317_49038_7198.N1 | 16-JUL-2011 21:58:59 | Dark | 44.500 | 9 | Alp Eri | 0.45300 | 24000. | 89 | 49038 | No |
| 263 | GOM_NL__2PRFIN20110716_220208_000000553104_00317_49038_7199.N1 | 16-JUL-2011 22:02:08 | Dark | 54.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 109 | 49038 | No |
| 264 | GOM_NL__2PRFIN20110716_220747_000000653104_00317_49038_7200.N1 | 16-JUL-2011 22:07:47 | Straylight | 65.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 130 | 49038 | No |
| 265 | GOM_NL__2PRFIN20110716_220920_000000533104_00317_49038_7201.N1 | 16-JUL-2011 22:09:20 | Straylight | 53.000 | 31 | Alp Gru | 1.7340 | 15200. | 106 | 49038 | No |
| 266 | GOM_NL__2PRFIN20110716_221232_000000523104_00317_49038_7202.N1 | 16-JUL-2011 22:12:32 | Straylight | 51.500 | 172 | Gam Gru | 3.0030 | 13100. | 103 | 49038 | No |
| 267 | GOM_NL__2PRFIN20110716_222126_000000403104_00317_49038_7203.N1 | 16-JUL-2011 22:21:26 | Bright | 39.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 79 | 49038 | No |
| 268 | GOM_NL__2PRFIN20110716_223154_000000403104_00317_49038_7204.N1 | 16-JUL-2011 22:31:54 | Bright | 39.500 | 168 | 17Zet Aql | 2.9860 | 11000. | 79 | 49038 | No |
| 269 | GOM_NL__2PRFIN20110716_223856_000000403104_00317_49038_7205.N1 | 16-JUL-2011 22:38:56 | Bright | 39.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 79 | 49038 | No |
| 270 | GOM_NL__2PRFIN20110716_224201_000000413104_00317_49038_7206.N1 | 16-JUL-2011 22:42:01 | Bright | 40.500 | 144 | 18Del Cyg | 2.8600 | 11000. | 81 | 49038 | No |
| 271 | GOM_NL__2PRFIN20110716_224909_000000423104_00317_49038_7207.N1 | 16-JUL-2011 22:49:09 | Bright | 42.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 84 | 49038 | No |
| 272 | GOM_NL__2PRFIN20110716_225756_000000473104_00317_49038_7208.N1 | 16-JUL-2011 22:57:56 | Bright | 46.500 | 76 | 27Gam Cas | 2.3000 | 30000. | 93 | 49038 | No |
| 273 | GOM_NL__2PRFIN20110716_230307_000000443104_00317_49038_7209.N1 | 16-JUL-2011 23:03:07 | Bright | 43.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 87 | 49038 | No |
| 274 | GOM_NL__2PRFIN20110716_230429_000000493104_00317_49038_7210.N1 | 16-JUL-2011 23:04:29 | Bright | 49.000 | 35 | 33Alp Per | 1.7950 | 6250.0 | 98 | 49038 | No |
| 275 | GOM_NL__2PRFIN20110716_230726_000000453104_00317_49038_7211.N1 | 16-JUL-2011 23:07:26 | Bright | 45.000 | 79 | 26Bet Per | 2.3100 | 13100. | 90 | 49038 | No |
| 276 | GOM_NL__2PRFIN20110716_231024_000000463104_00317_49038_7212.N1 | 16-JUL-2011 23:10:24 | Twi_and_stray | 45.500 | 150 | 44Zet Per | 2.8900 | 28000. | 91 | 49038 | No |
| 277 | GOM_NL__2PRFIN20110716_231300_000000473104_00317_49038_7213.N1 | 16-JUL-2011 23:13:00 | Twilight | 47.000 | 146 | 25Eta Tau | 2.8730 | 15200. | 94 | 49038 | No |
| 278 | GOM_NL__2PRFIN20110716_231436_000000453104_00317_49038_7214.N1 | 16-JUL-2011 23:14:36 | Twilight | 45.000 | 13 | 87Alp Tau | 0.86700 | 3800.0 | 90 | 49038 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 279 | GOM_NL__2PRFIN20110716_232108_000000593104_00317_49038_7215.N1 | 16-JUL-2011 23:21:08 | Dark | 58.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 117 | 49038 | No |
| 280 | GOM_NL__2PRFIN20110716_232406_000000473104_00317_49038_7216.N1 | 16-JUL-2011 23:24:06 | Dark | 46.500 | 165 | 34Gam Eri | 2.9500 | 3200.0 | 93 | 49038 | No |
| 281 | GOM_NL__2PRFIN20110716_233308_000000423104_00317_49038_7217.N1 | 16-JUL-2011 23:33:08 | Dark | 42.000 | 157 | The1Eri | 2.9060 | 9300.0 | 84 | 49038 | No |
| 282 | GOM_NL__2PRFIN20110716_233913_000000433104_00318_49039_7198.N1 | 16-JUL-2011 23:39:13 | Dark | 42.500 | 9 | Alp Eri | 0.45300 | 24000. | 85 | 49039 | No |
| 283 | GOM_NL__2PRFIN20110716_234223_000000553104_00318_49039_7199.N1 | 16-JUL-2011 23:42:23 | Dark | 55.000 | 84 | Alp Phe | 2.3970 | 4500.0 | 110 | 49039 | No |
| 284 | GOM_NL__2PRFIN20110716_234802_000000623104_00318_49039_7200.N1 | 16-JUL-2011 23:48:02 | Straylight | 61.500 | 63 | Bet Gru | 2.1500 | 2800.0 | 123 | 49039 | No |
| 285 | GOM_NL__2PRFIN20110716_234935_000000483104_00318_49039_7201.N1 | 16-JUL-2011 23:49:35 | Straylight | 47.500 | 31 | Alp Gru | 1.7340 | 15200. | 95 | 49039 | No |
| 286 | GOM_NL__2PRFIN20110716_235247_000000503104_00318_49039_7202.N1 | 16-JUL-2011 23:52:47 | Straylight | 49.500 | 172 | Gam Gru | 3.0030 | 13100. | 99 | 49039 | No |

3. Quality information per product

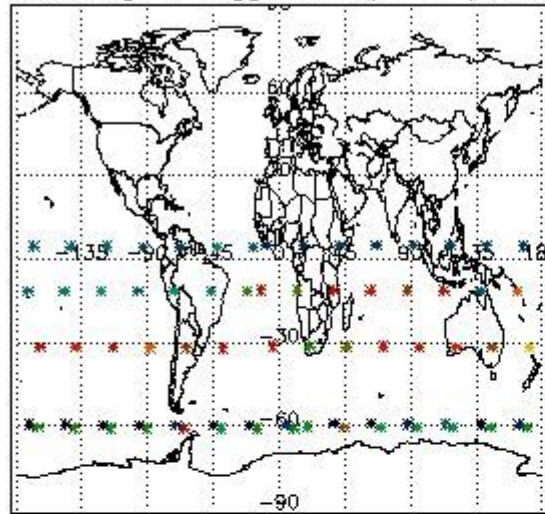
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

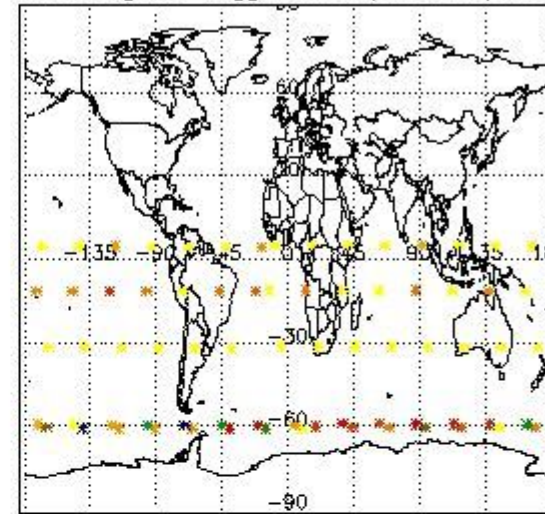


3.2 Plot quality information per product (world map)

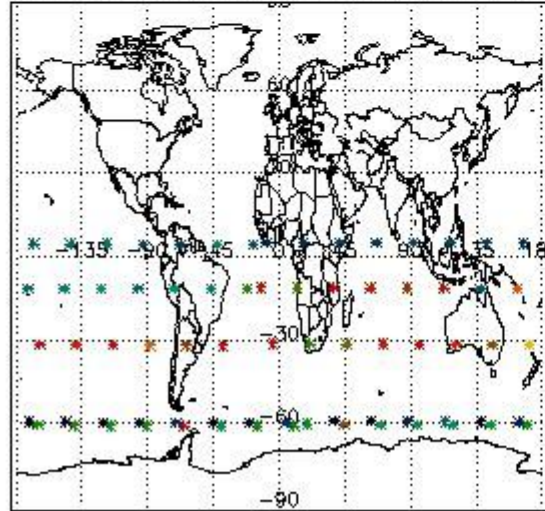
Percentage of flagged data per O3 profile



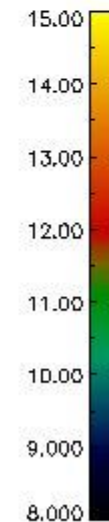
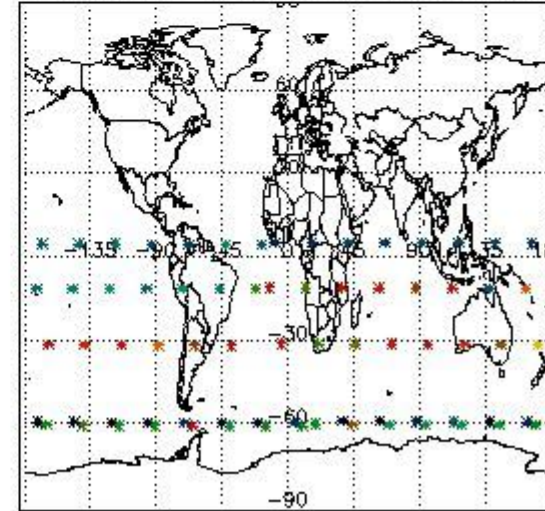
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

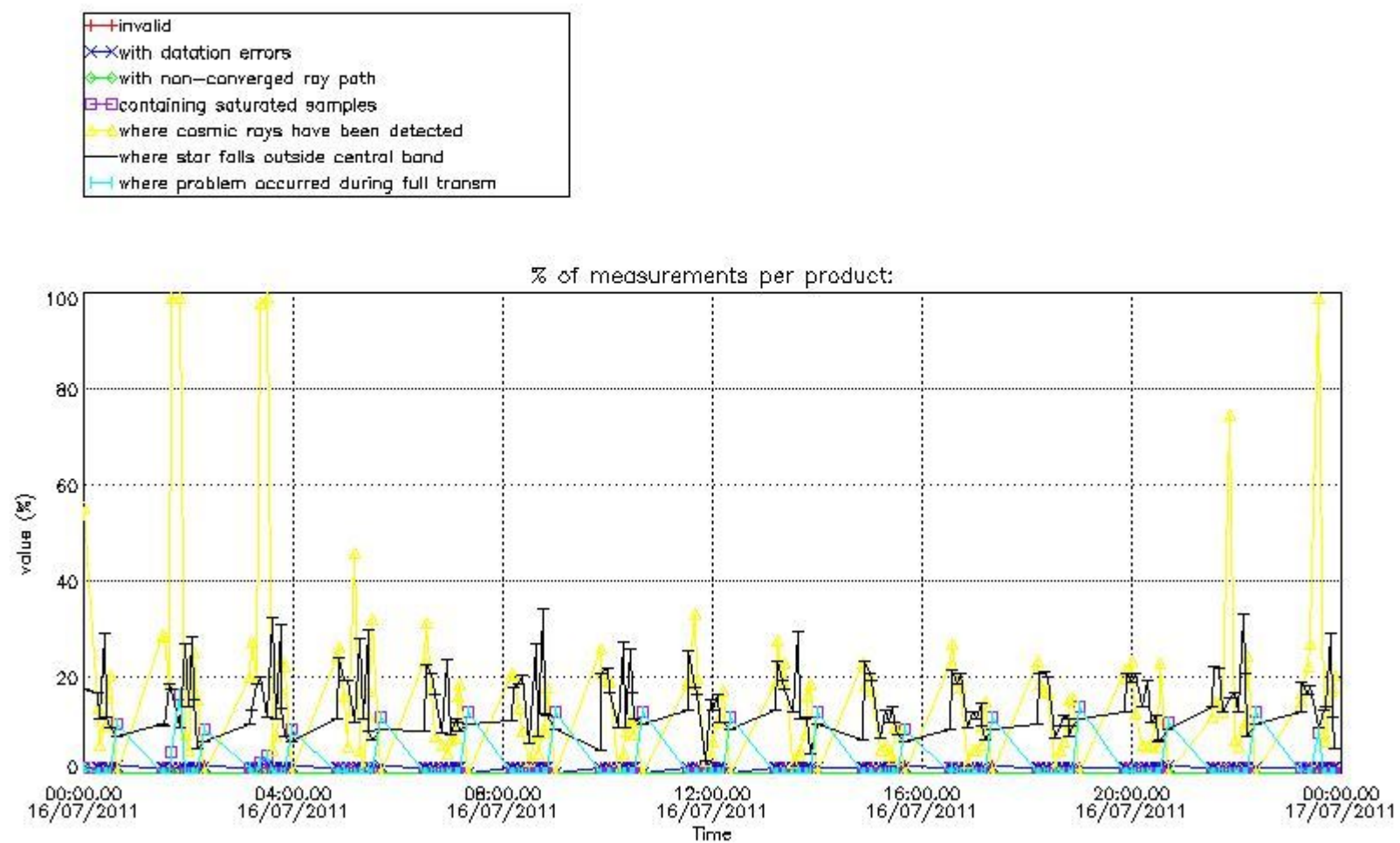


4. Level 1 quality information per product

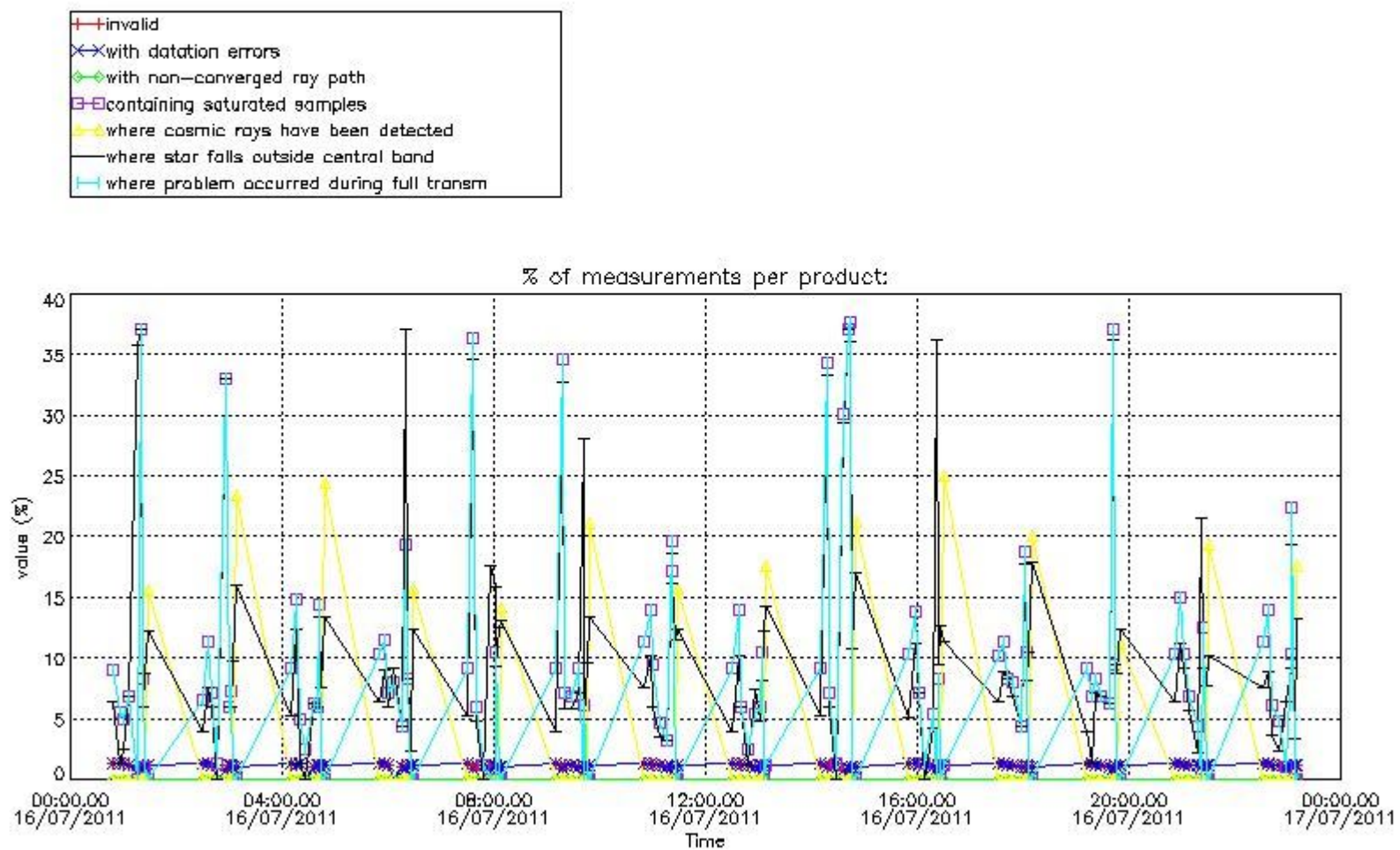
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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

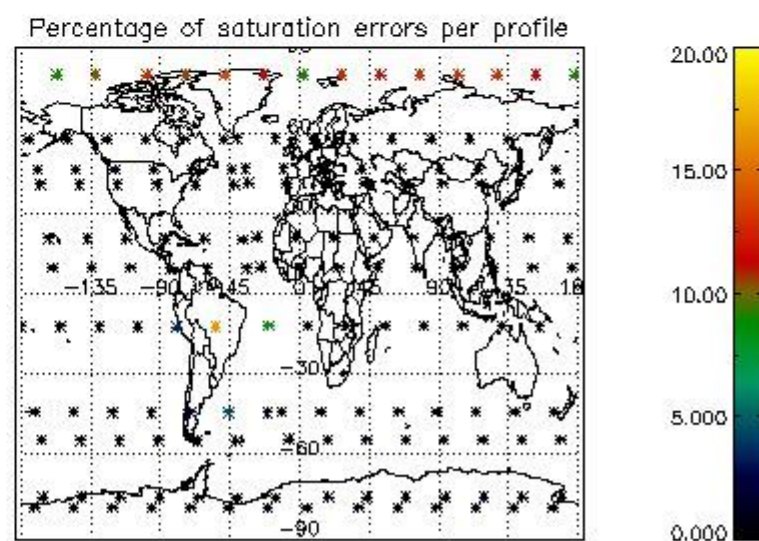
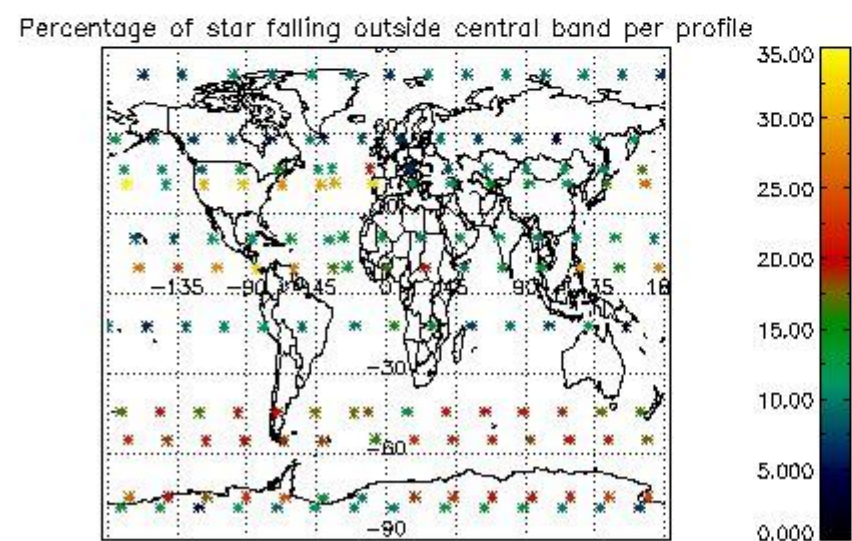
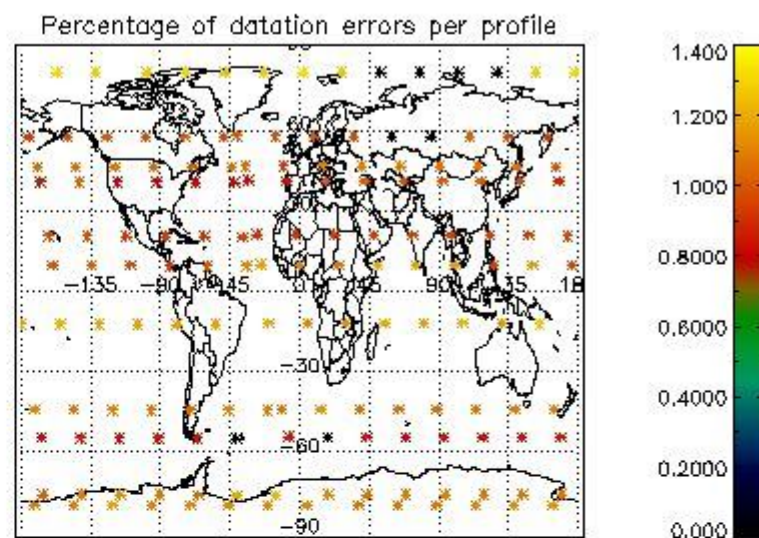
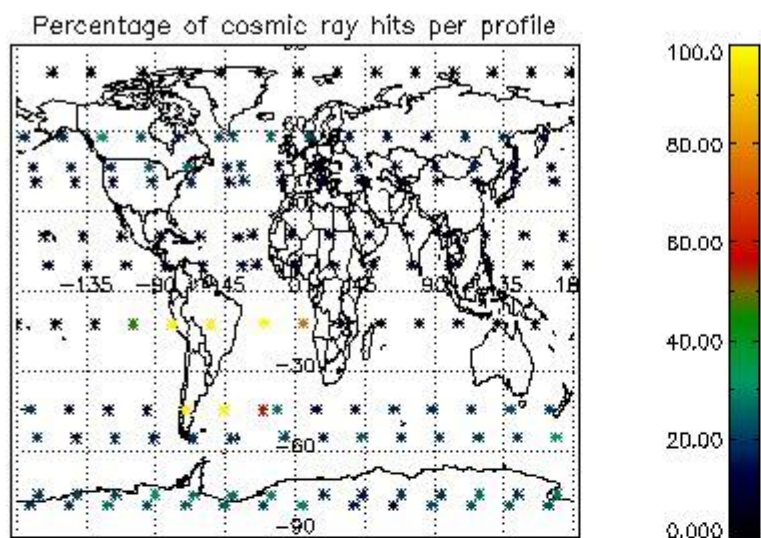


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

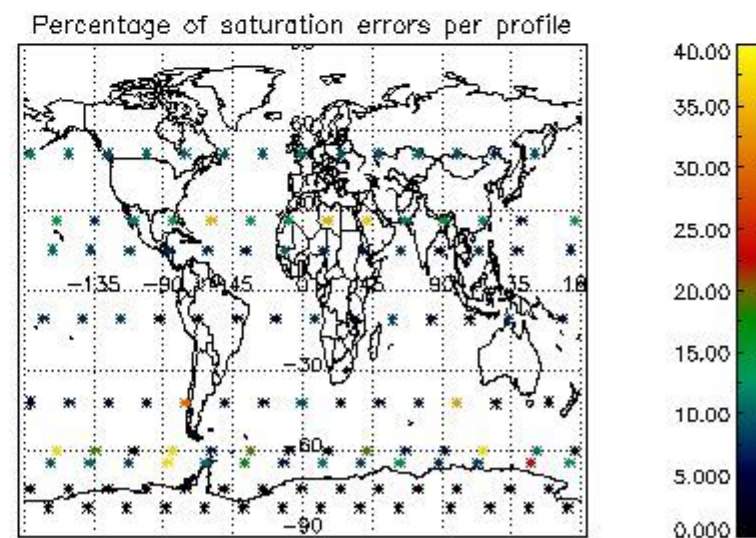
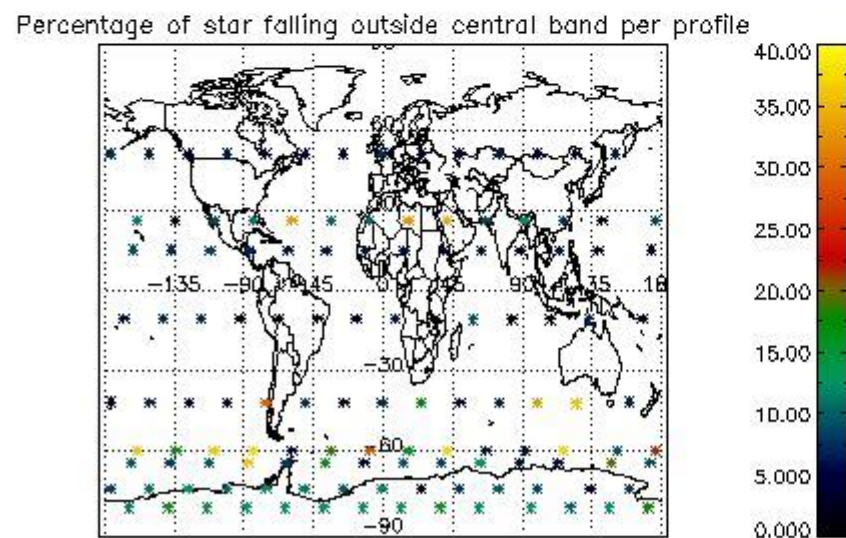
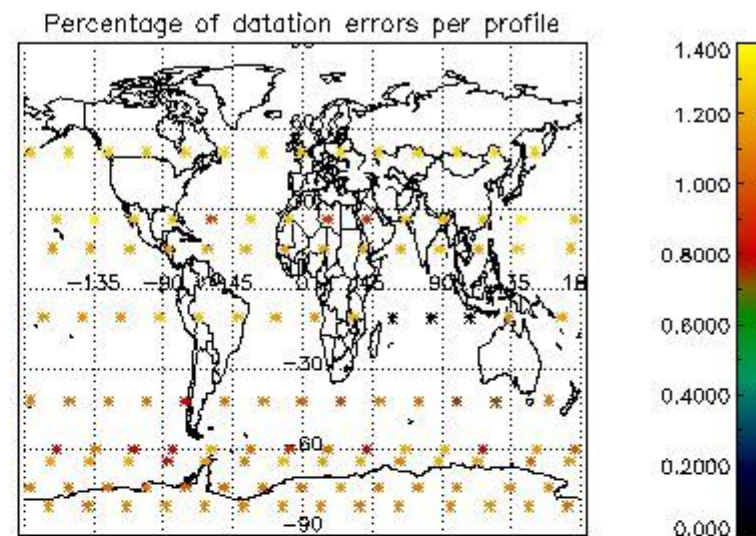
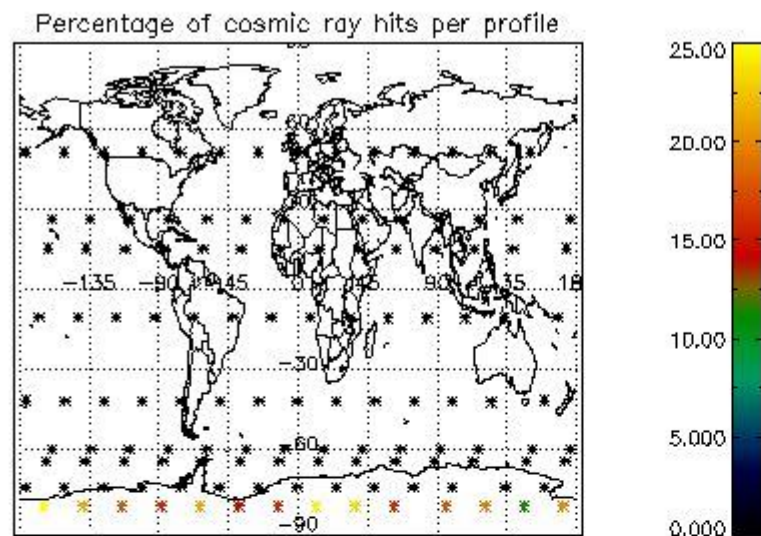


4.2 Plot quality information per product coming from level 1b processing (world map)

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



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



5. Trace gas profiles

5.1 Ozone statistics based on quality of products

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

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

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

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

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

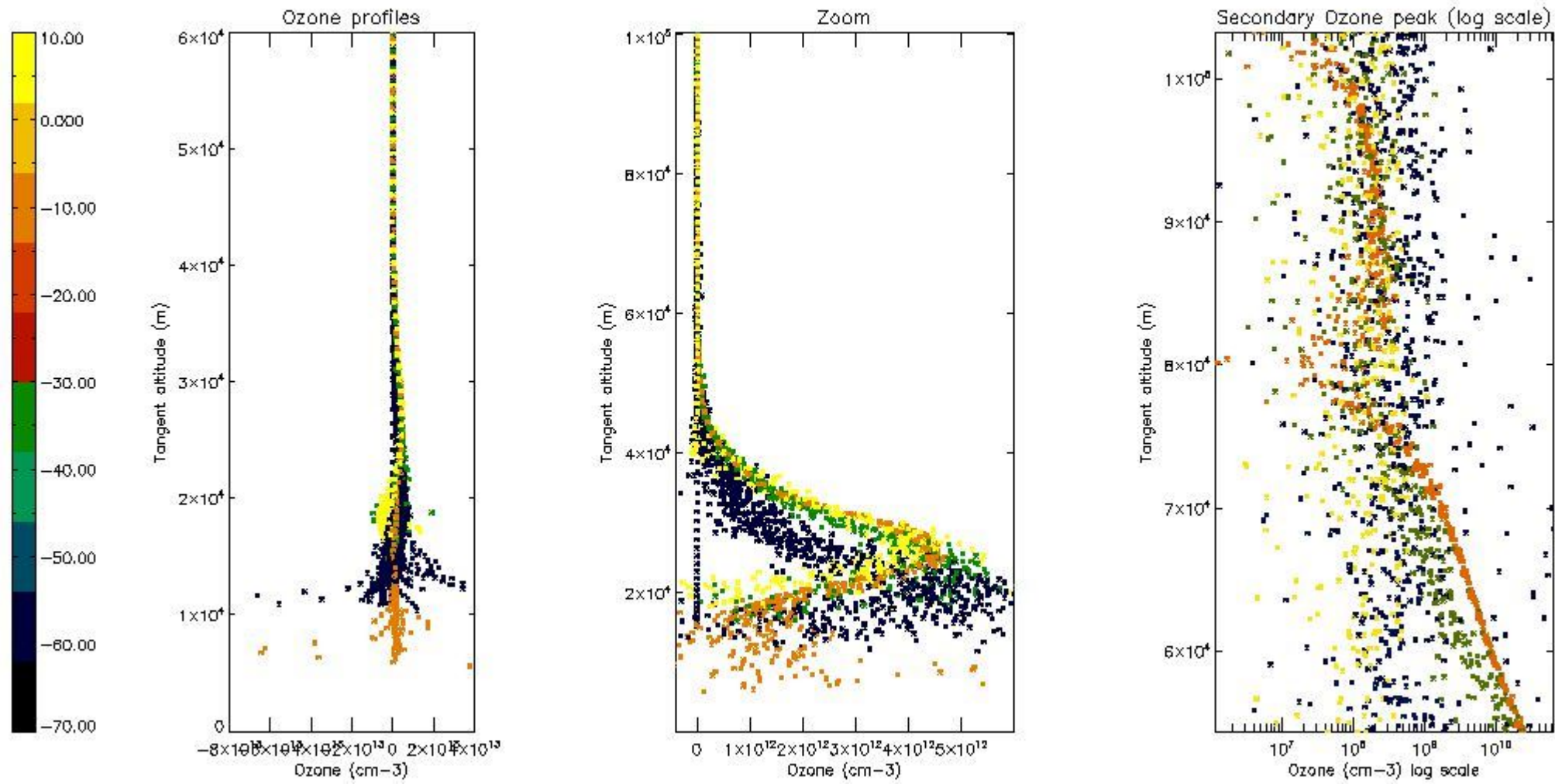
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 28 |
| STD < 20 | 9 |

| | |
|----------|---|
| STD < 10 | 5 |
| STD < 5 | 3 |

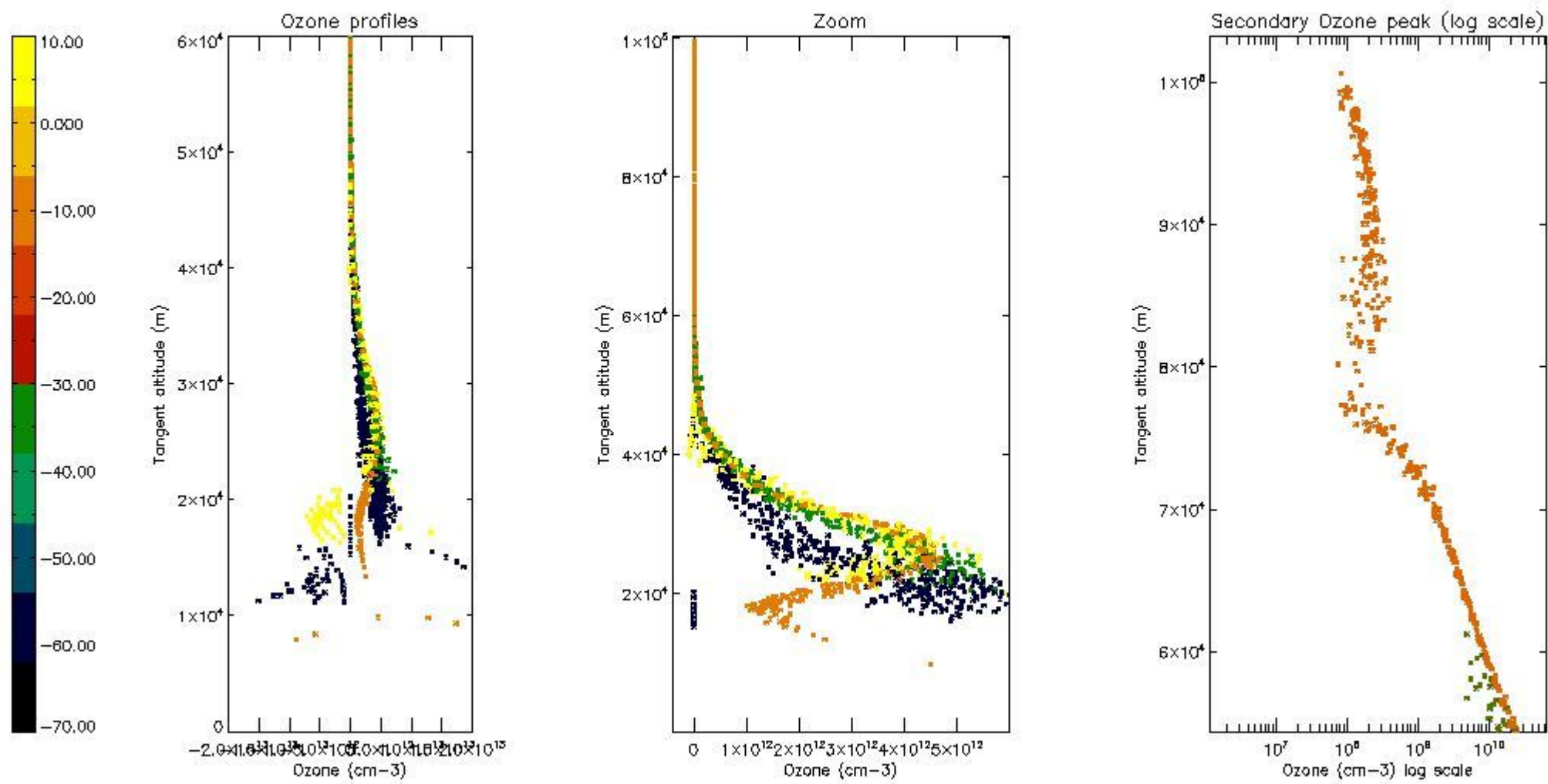
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



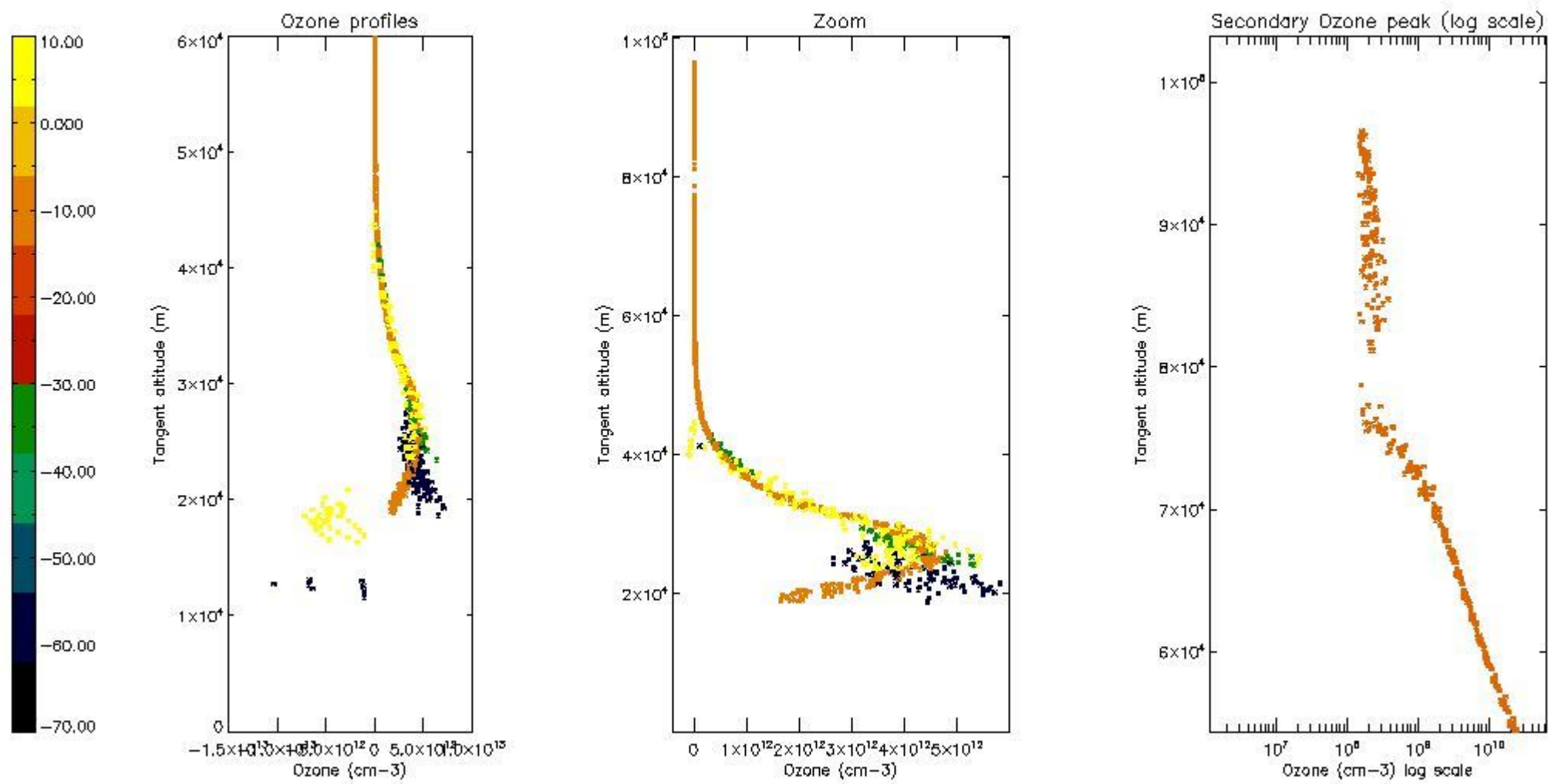
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



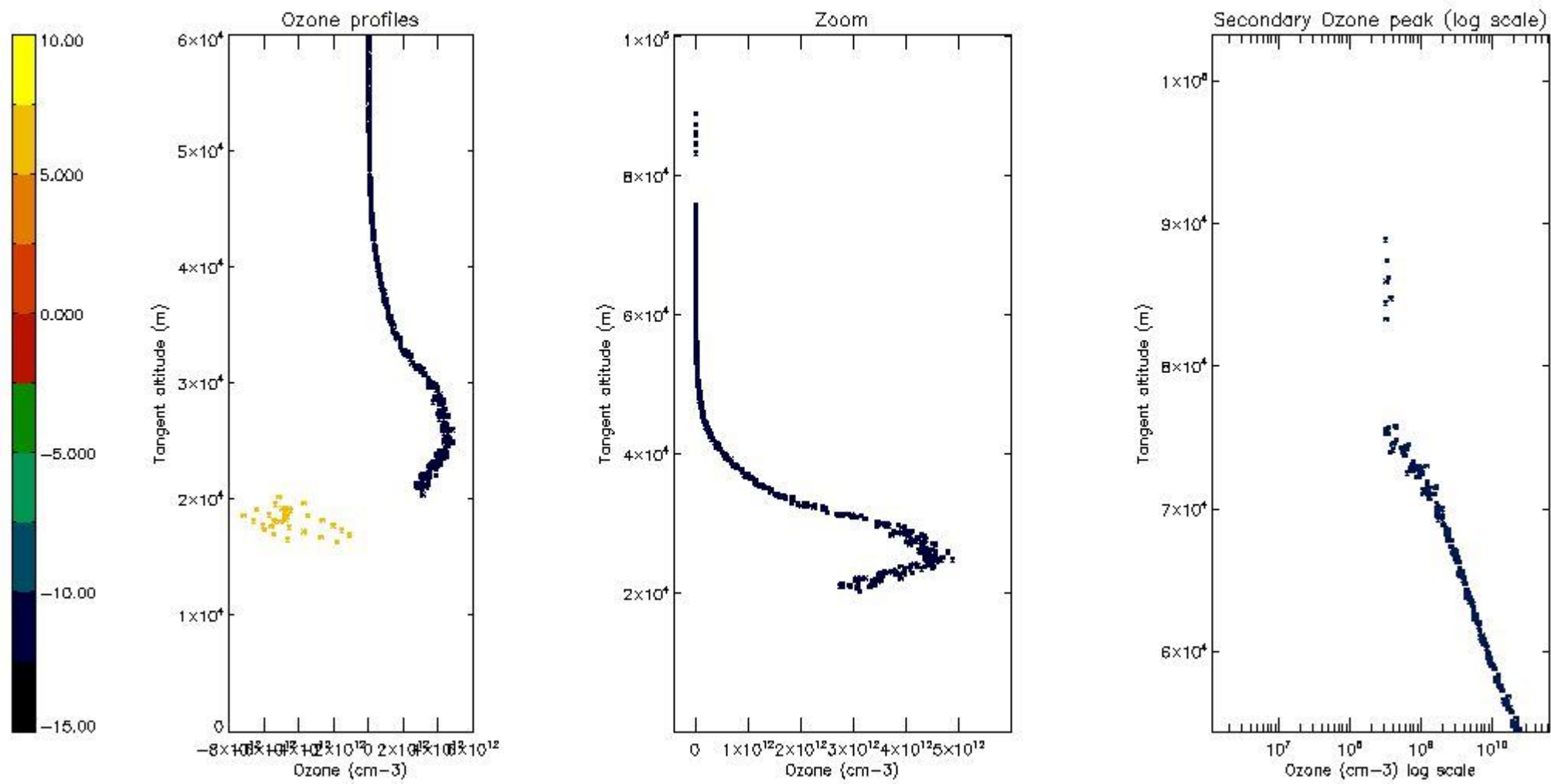
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



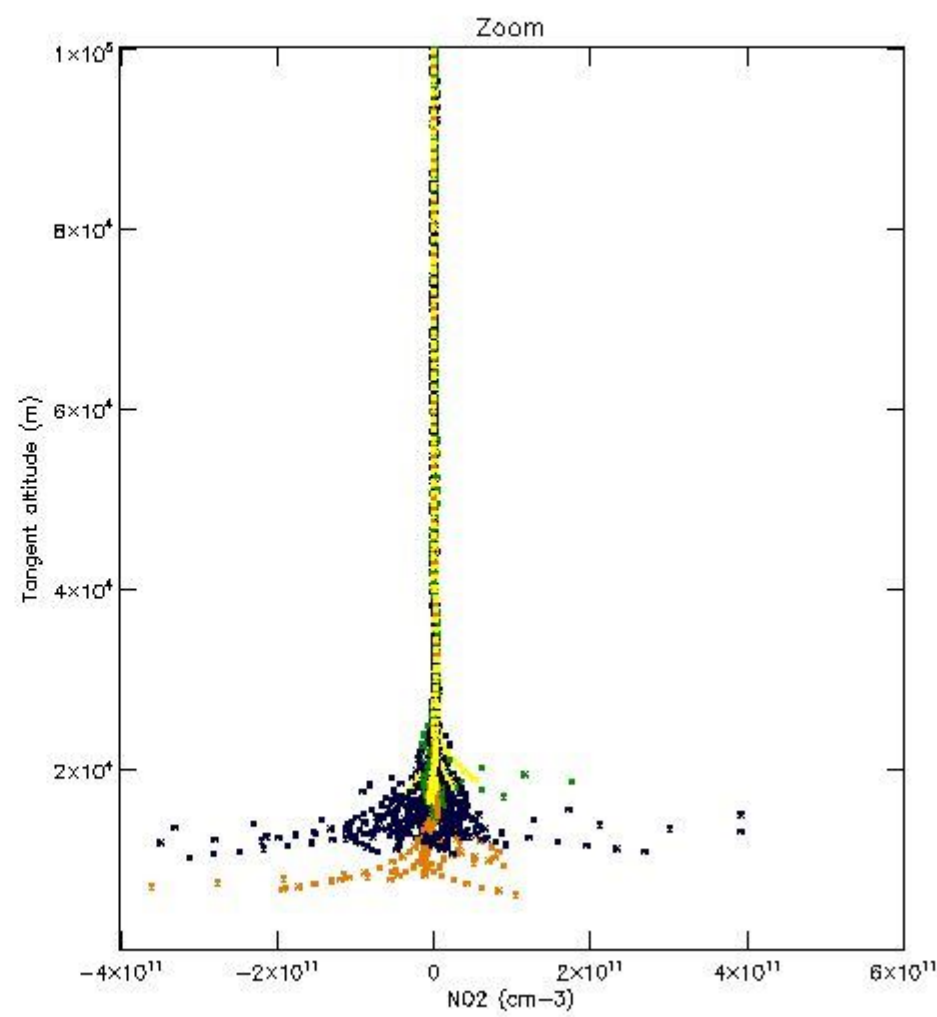
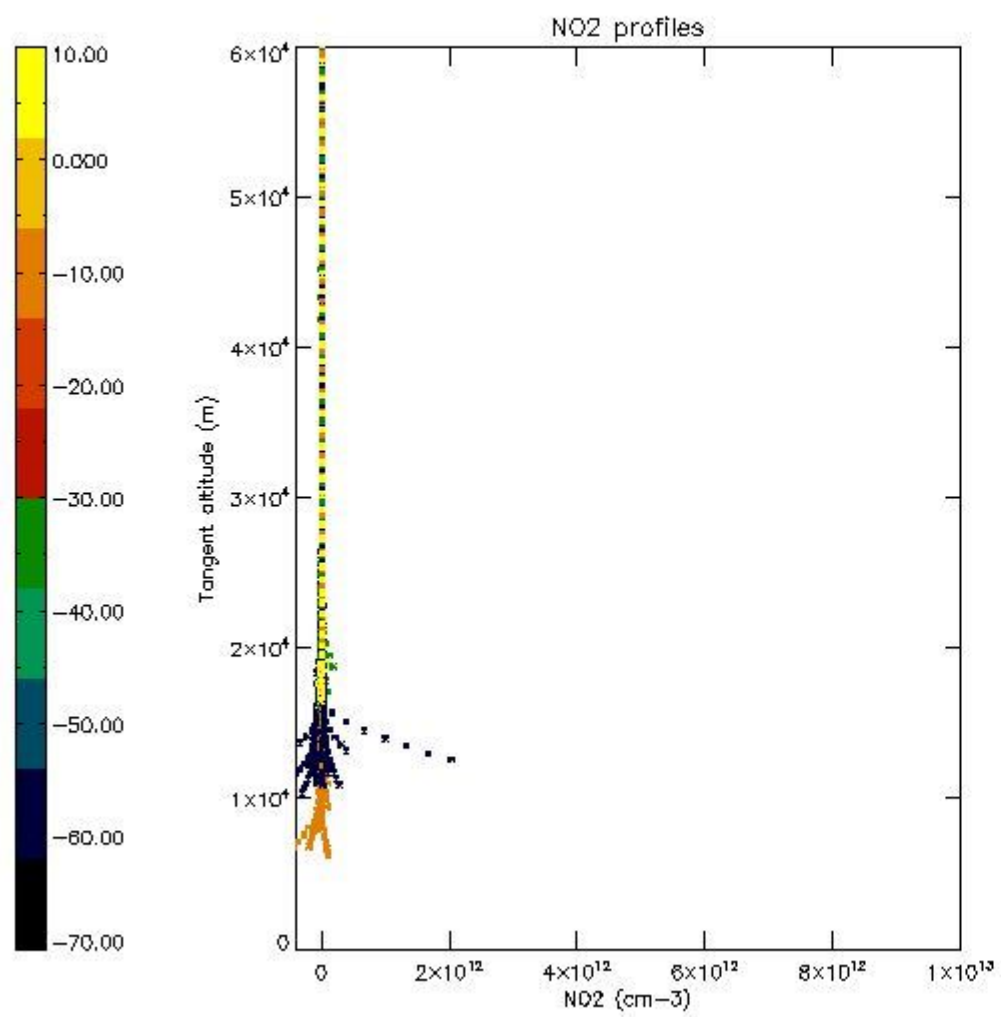
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



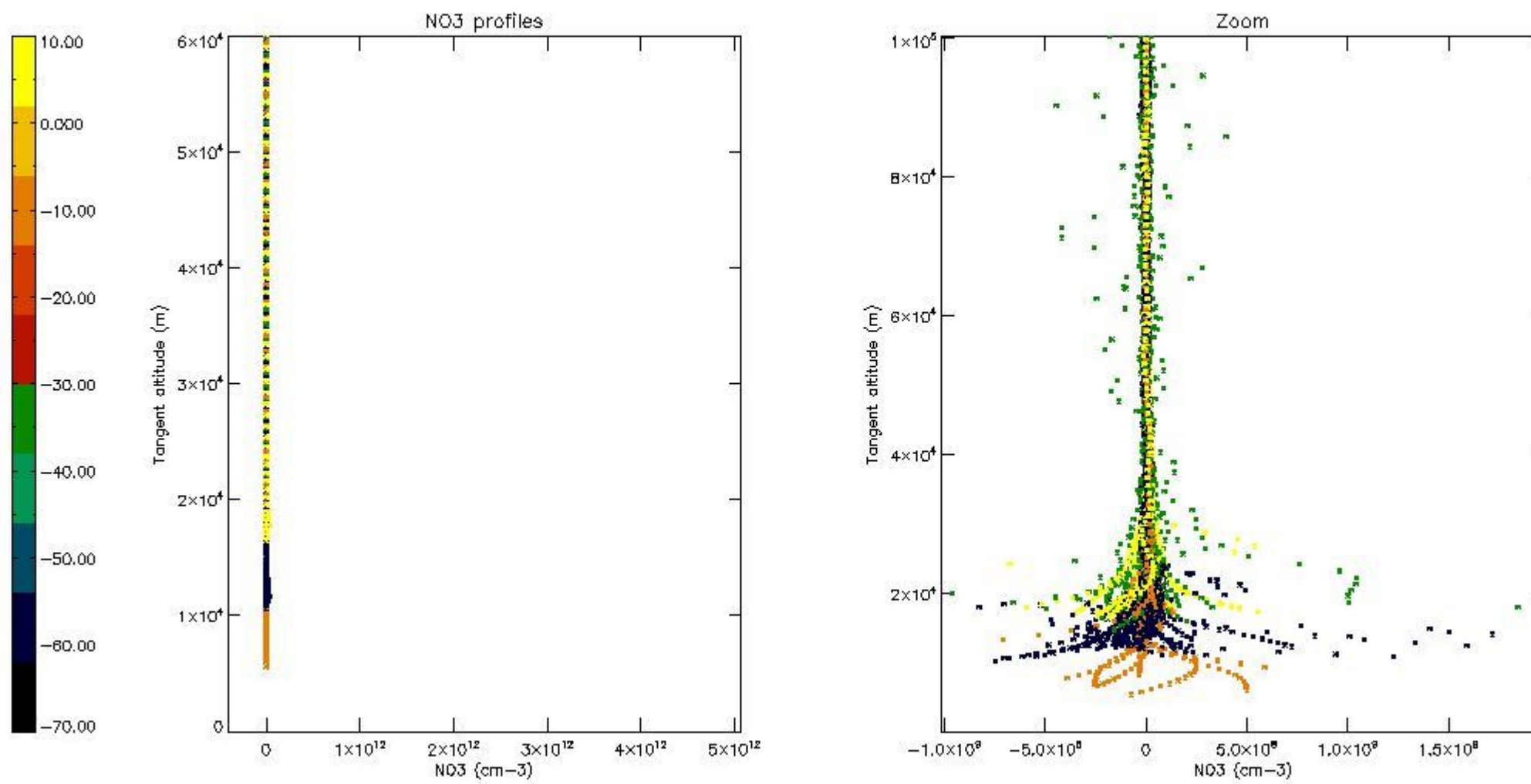
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



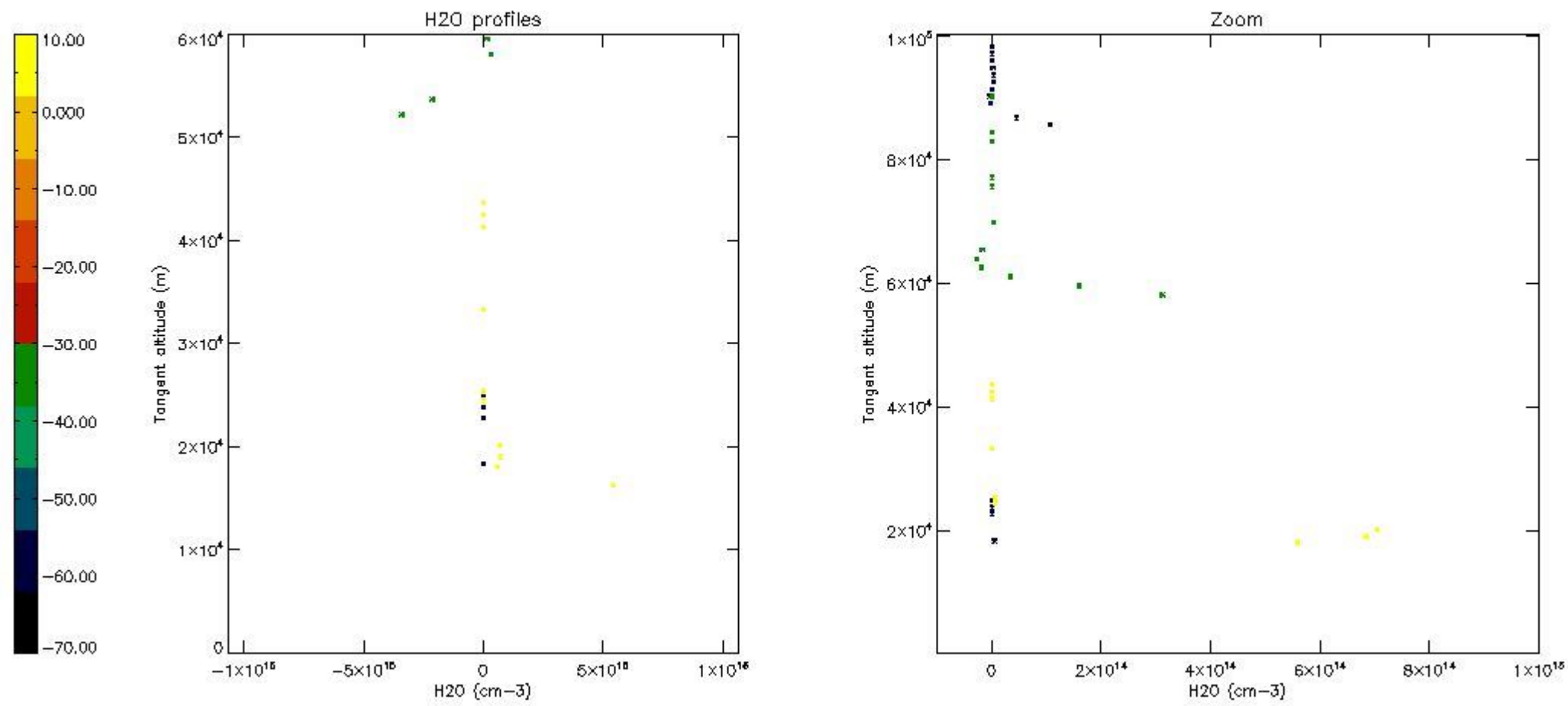
5.7 Plot NO3 profiles for all STD (dark without errors)

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)

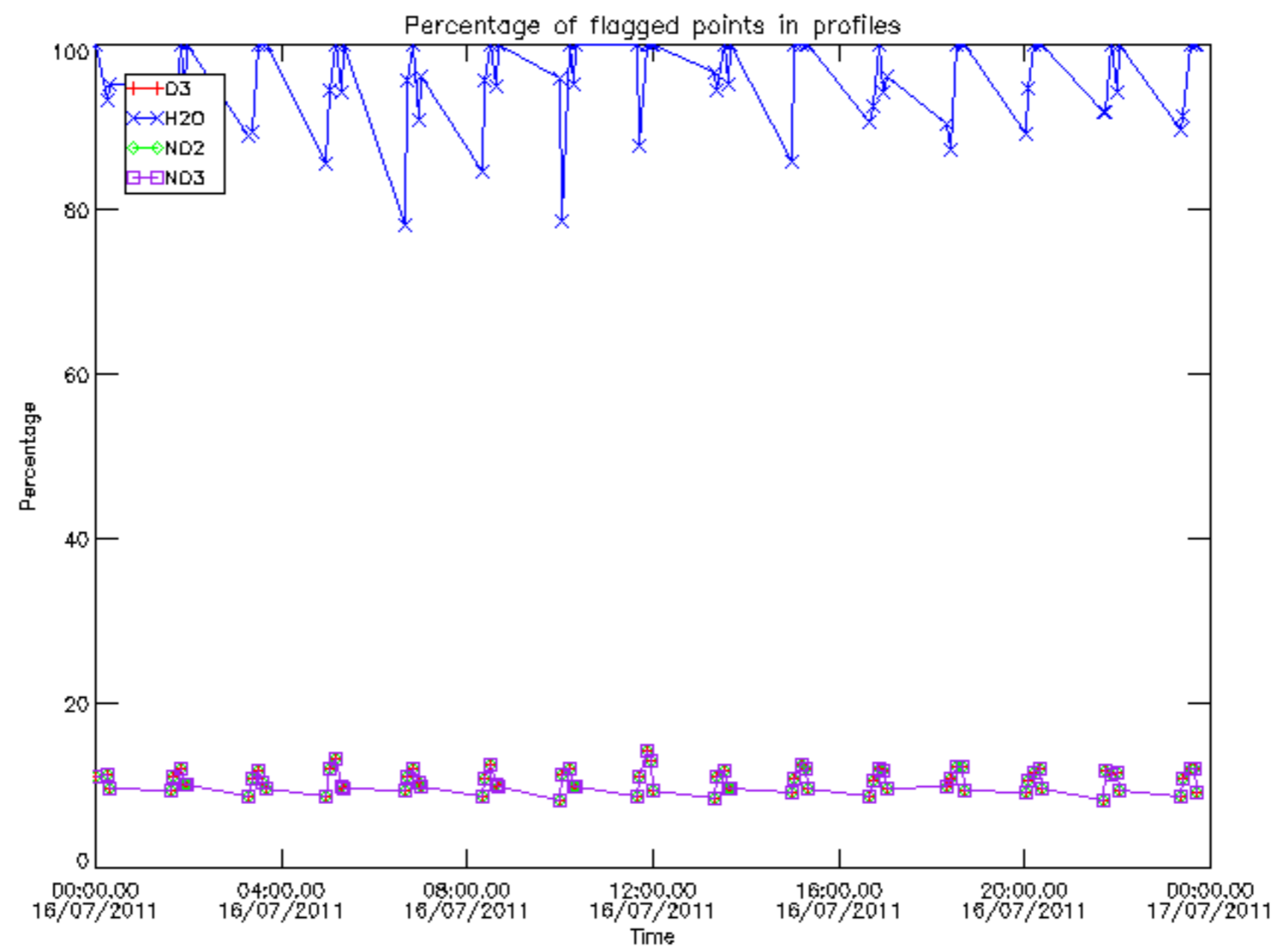
The colorbar represents the latitude.



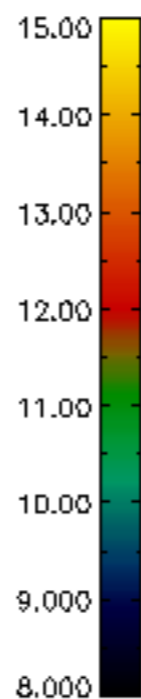
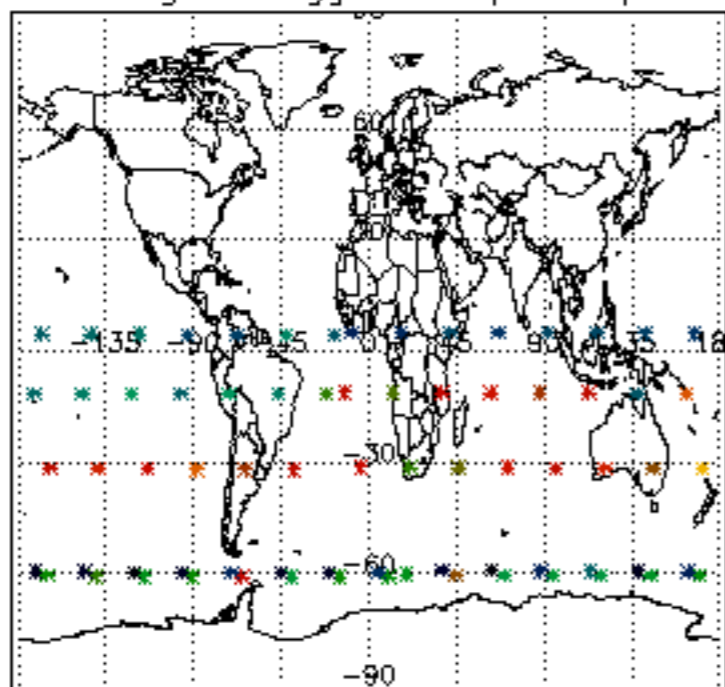
6. Auxiliary Data Files used for the production reported in section 2

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.

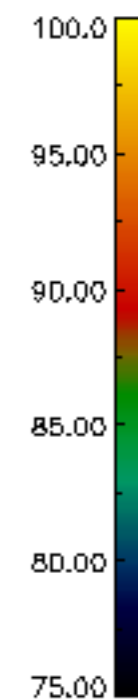
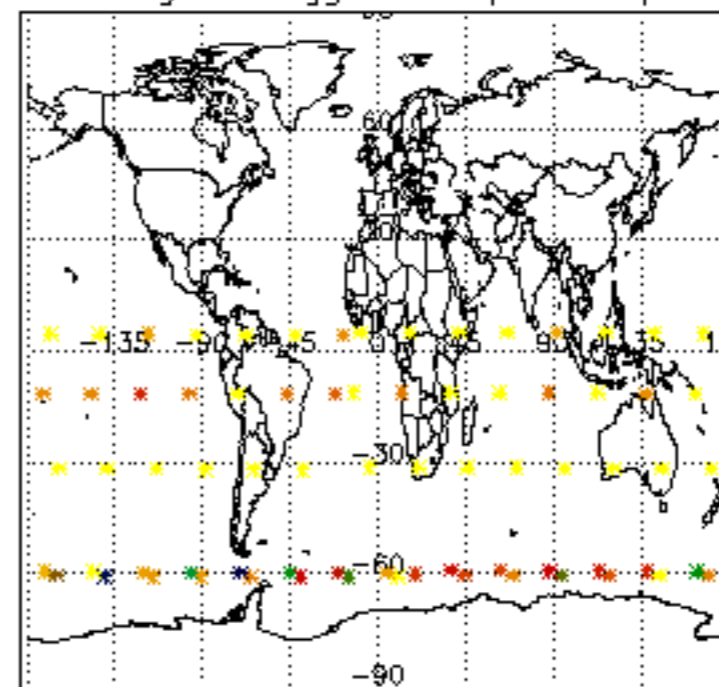
| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1 | 16-JUL-2011 00:00:43 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 16-JUL-2011 00:00:43 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 16-JUL-2011 00:00:43 |



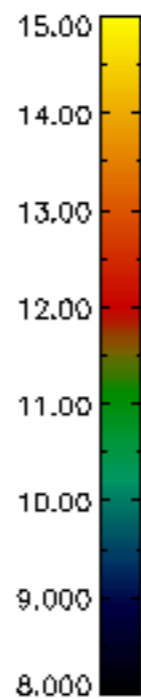
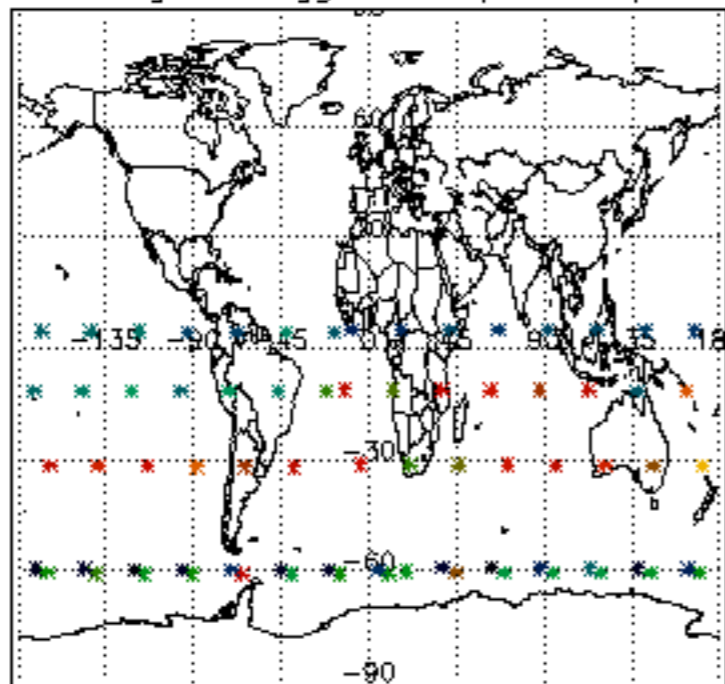
Percentage of flagged data per D3 profile



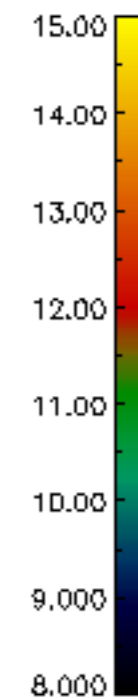
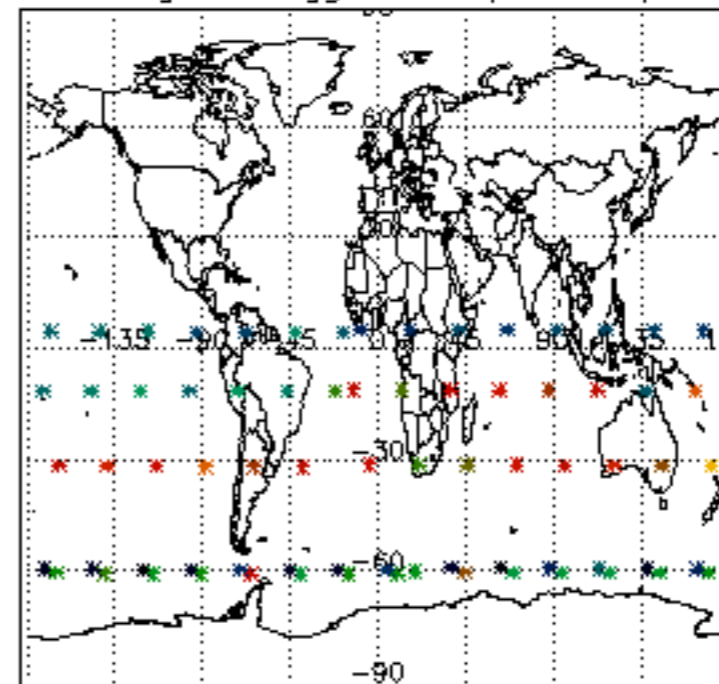
Percentage of flagged data per H2O profile

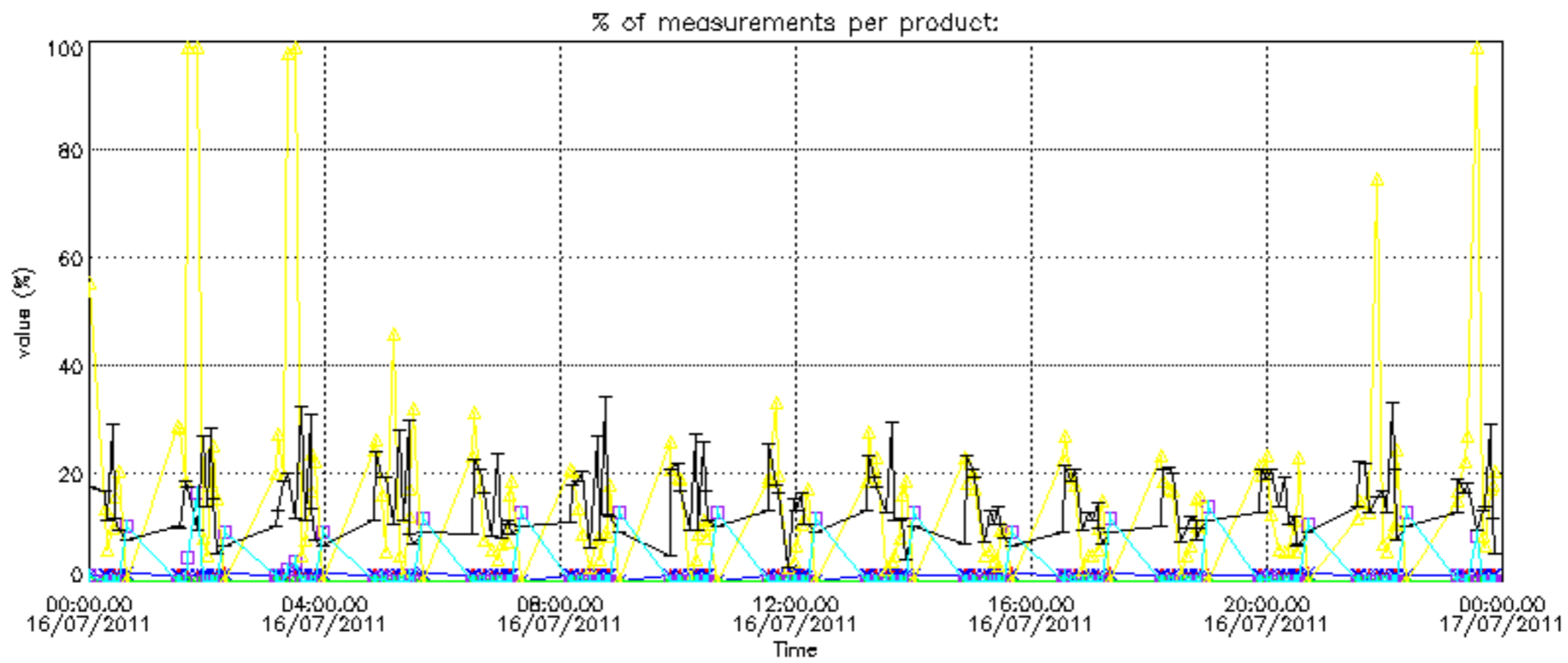


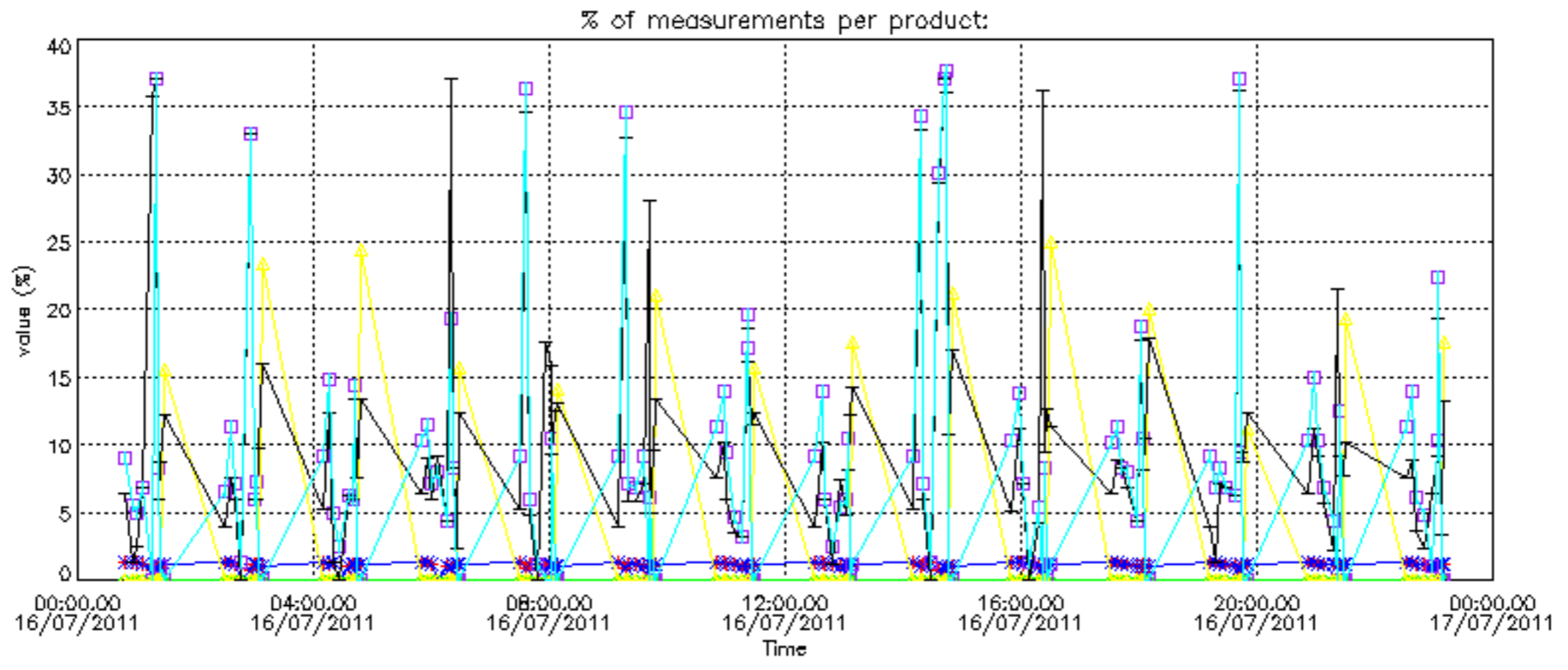
Percentage of flagged data per NO2 profile



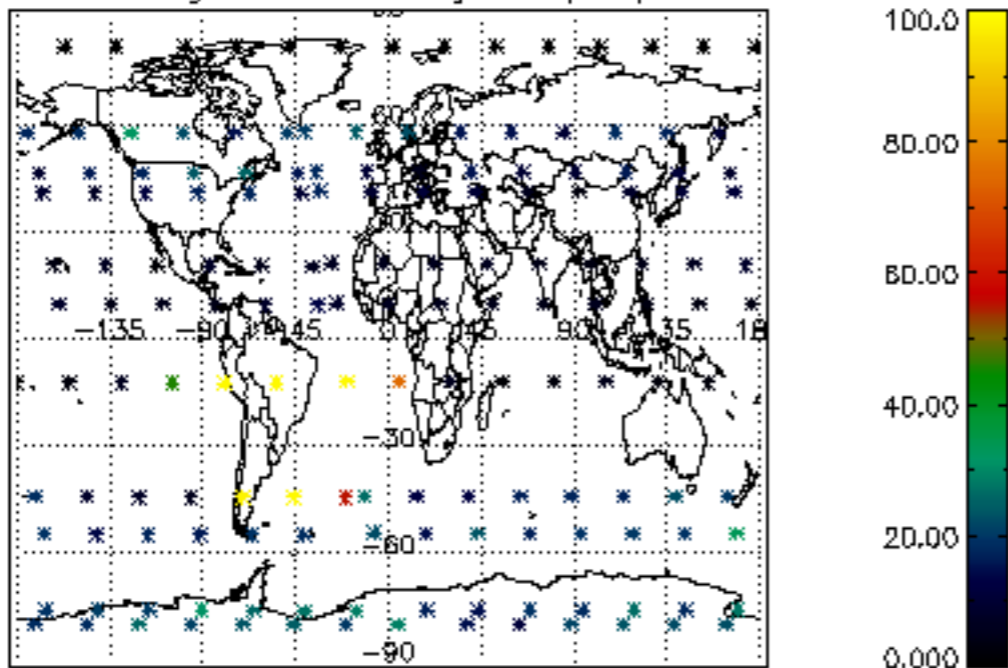
Percentage of flagged data per NO3 profile



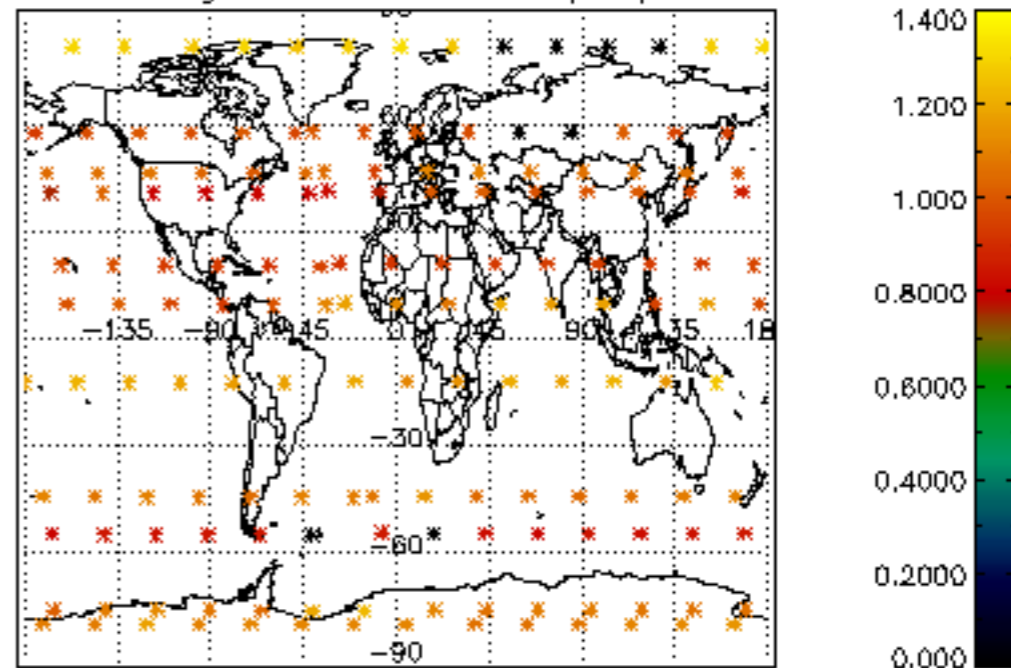




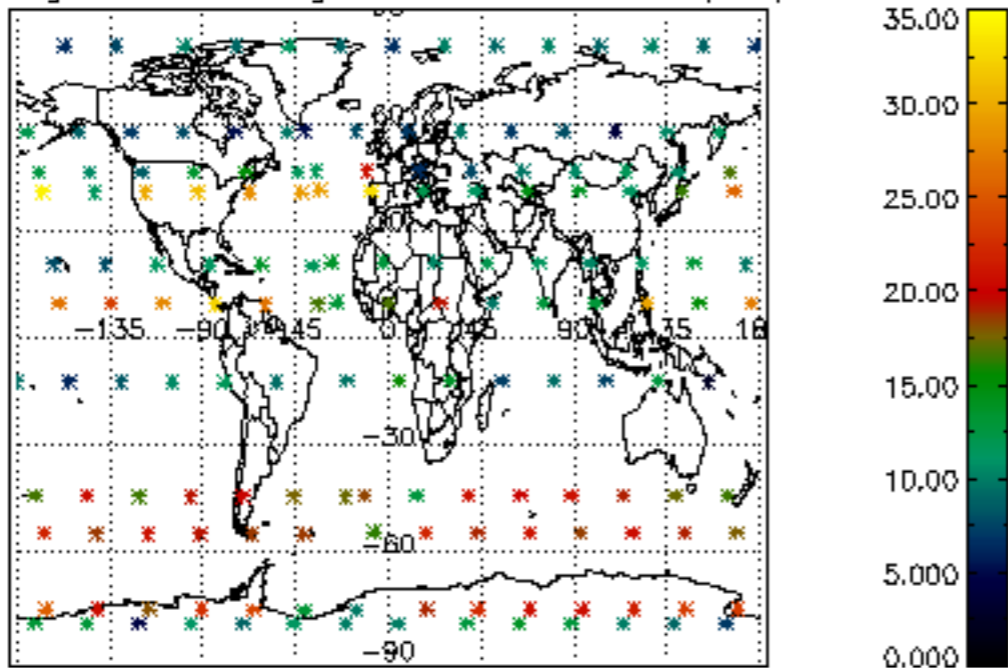
Percentage of cosmic ray hits per profile



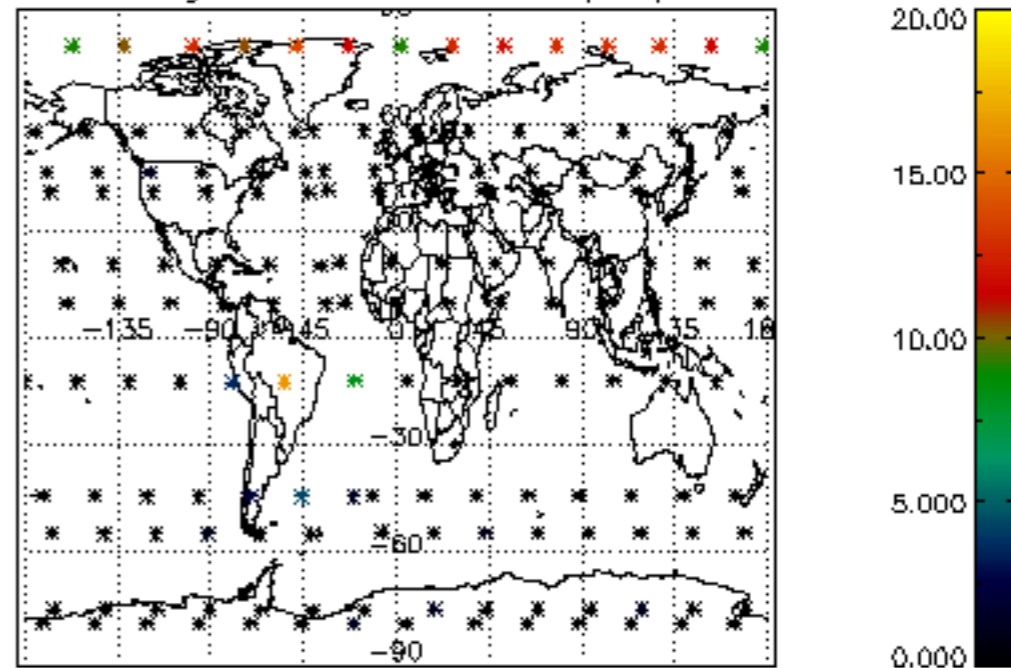
Percentage of datation errors per profile



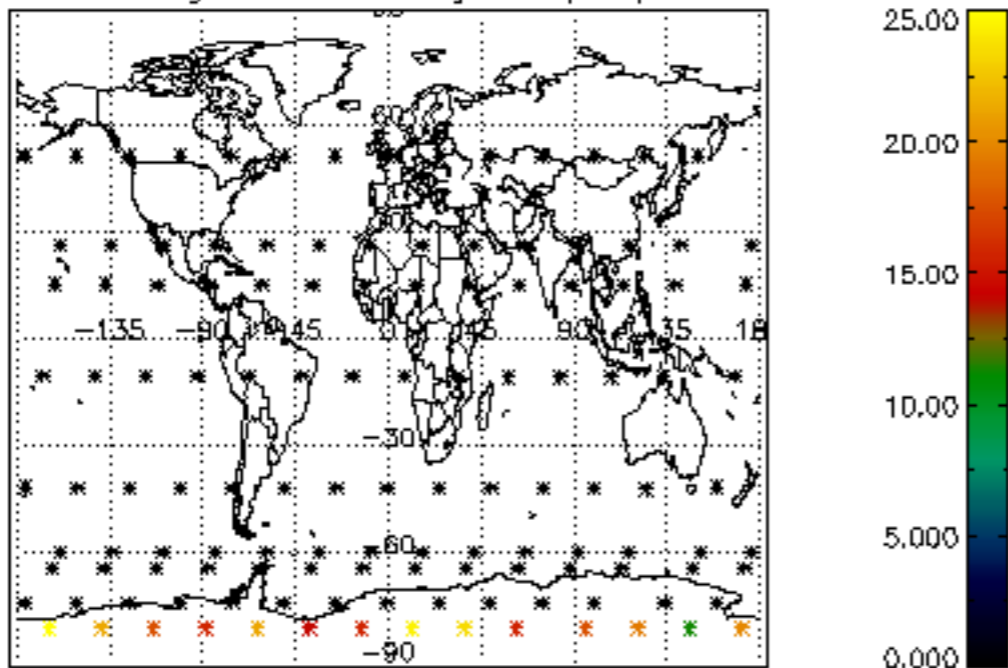
Percentage of star falling outside central band per profile



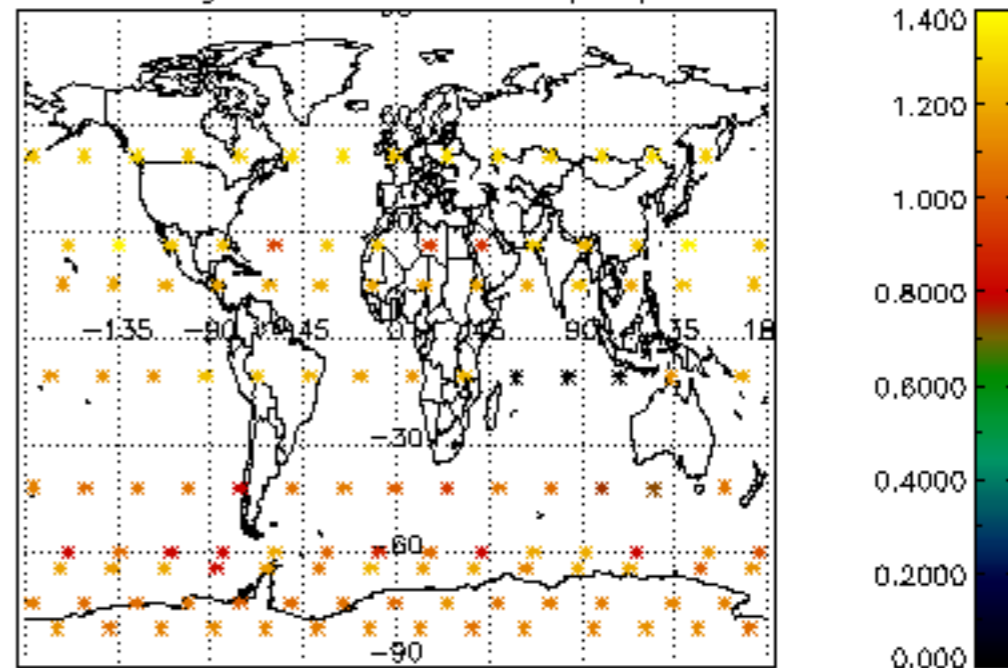
Percentage of saturation errors per profile



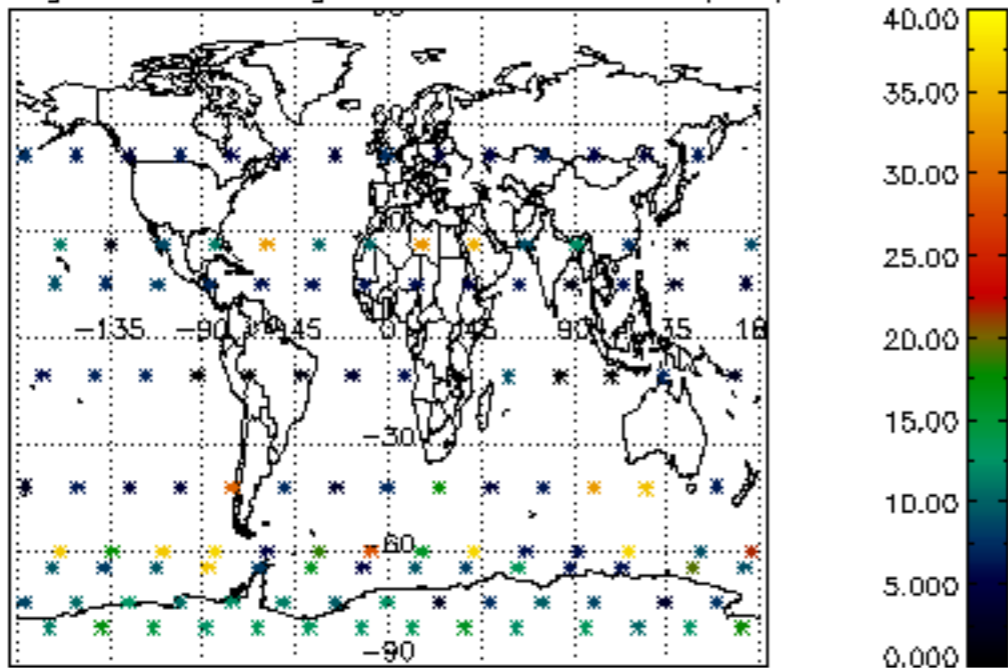
Percentage of cosmic ray hits per profile



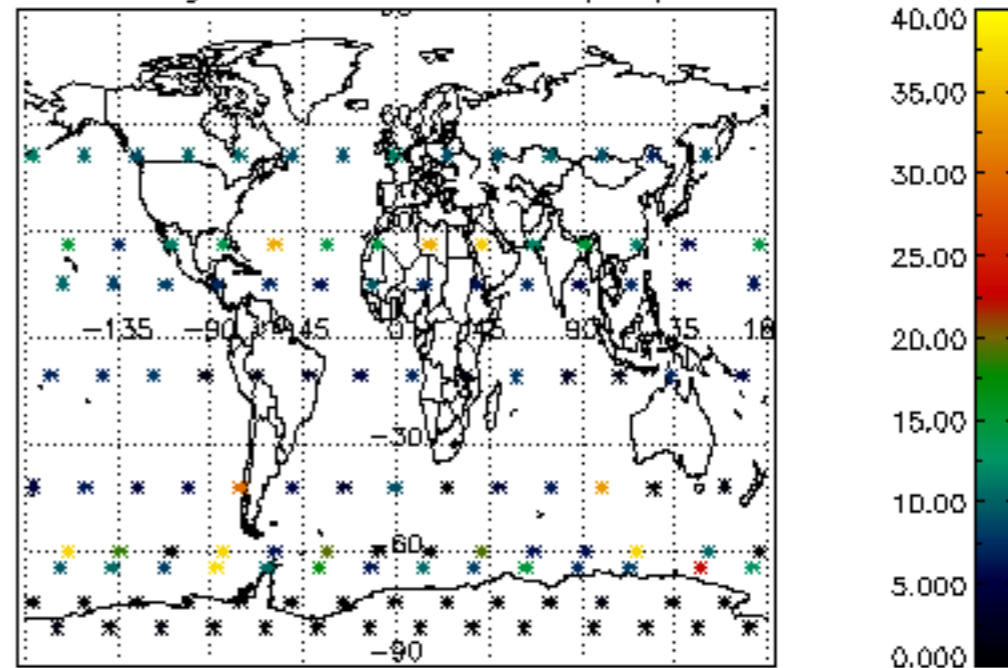
Percentage of datation errors per profile

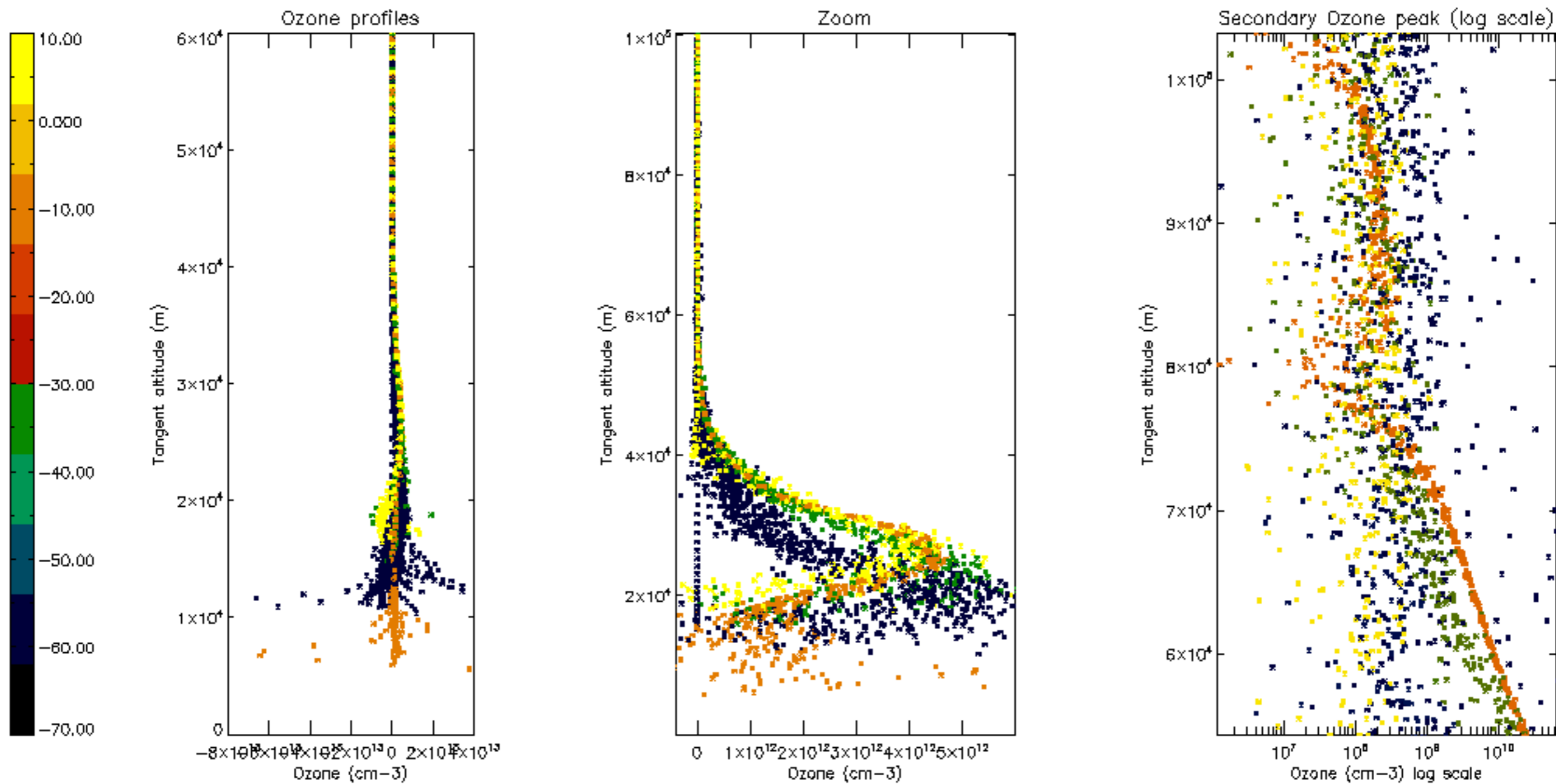


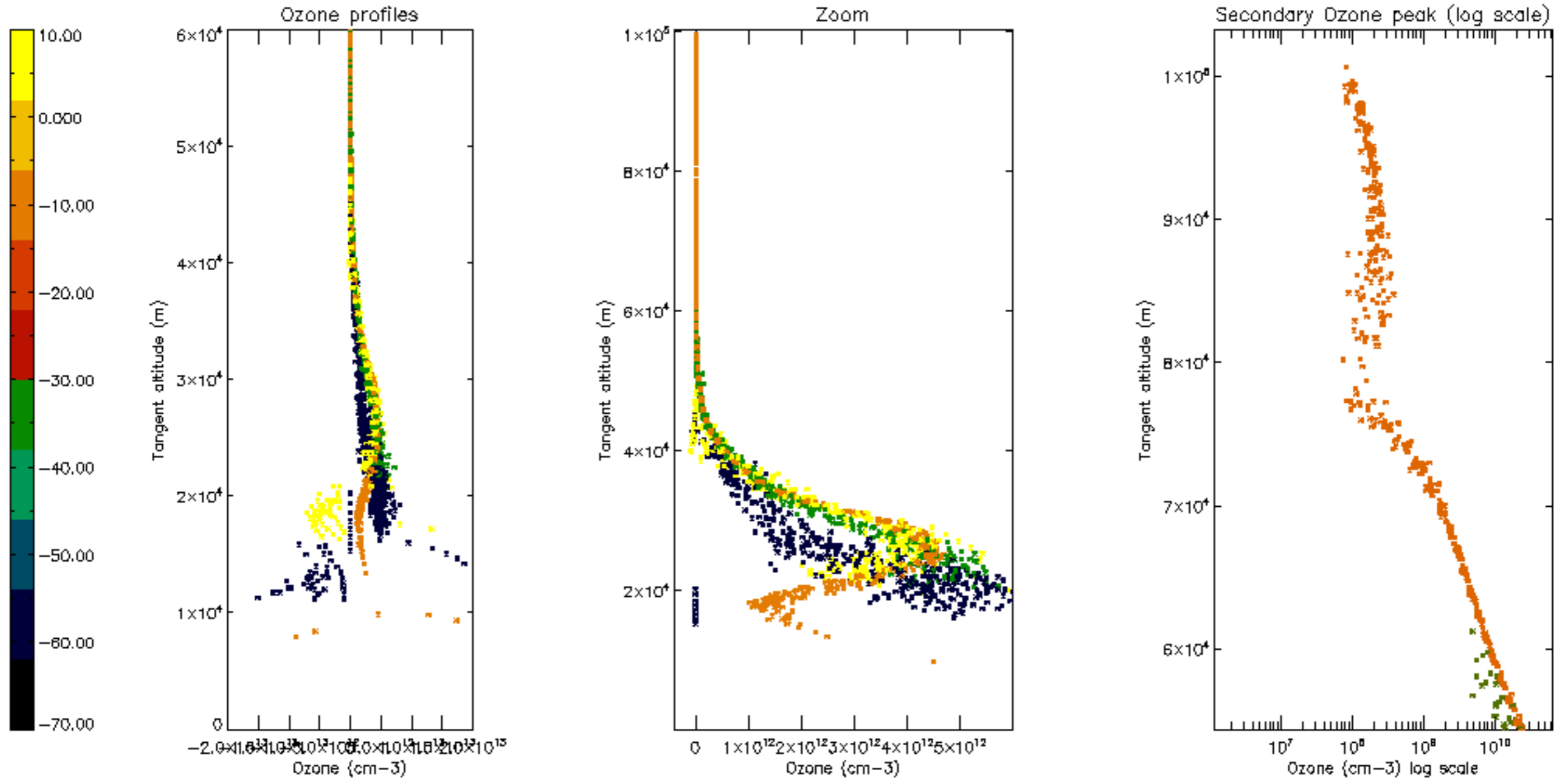
Percentage of star falling outside central band per profile

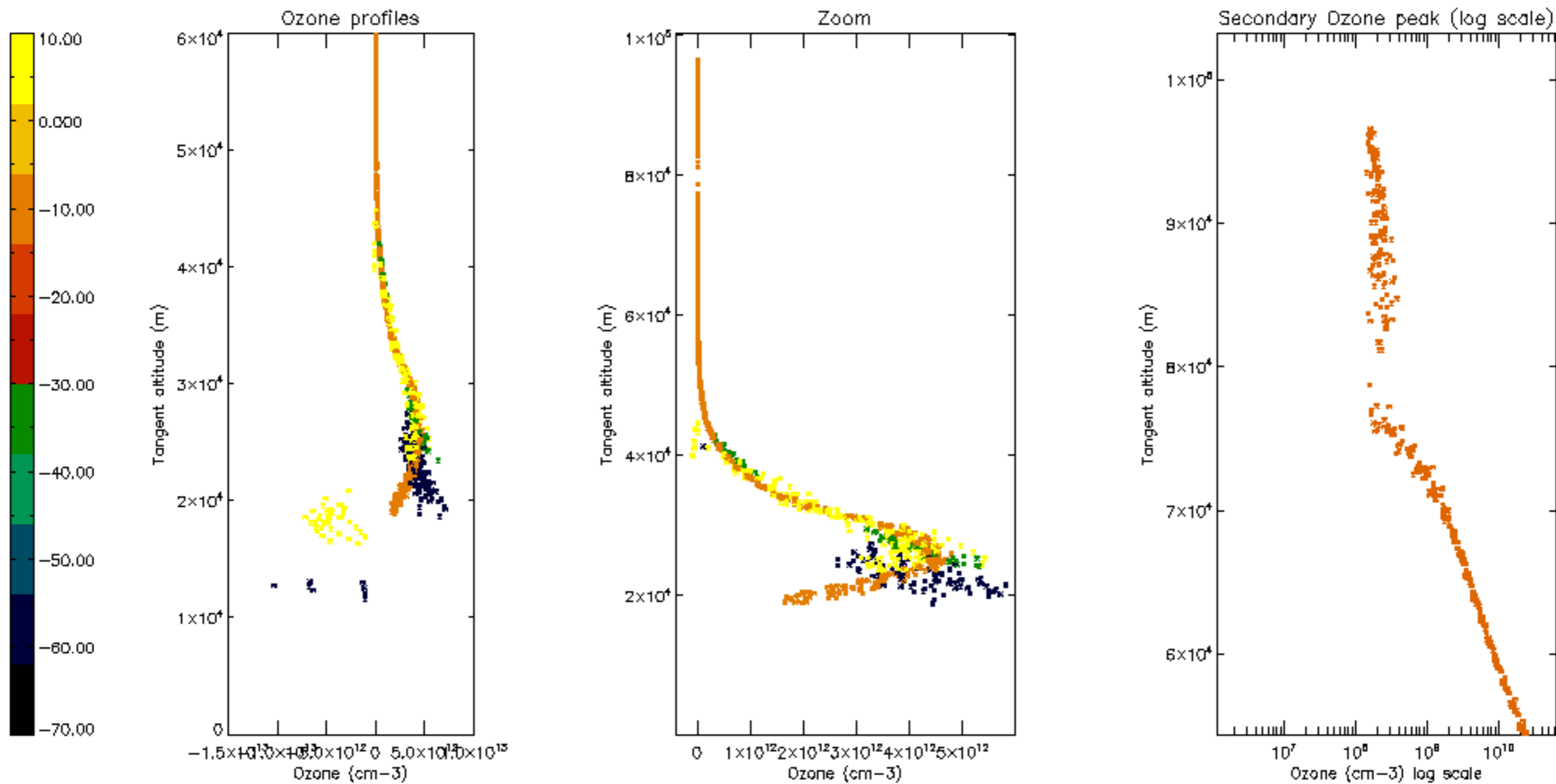


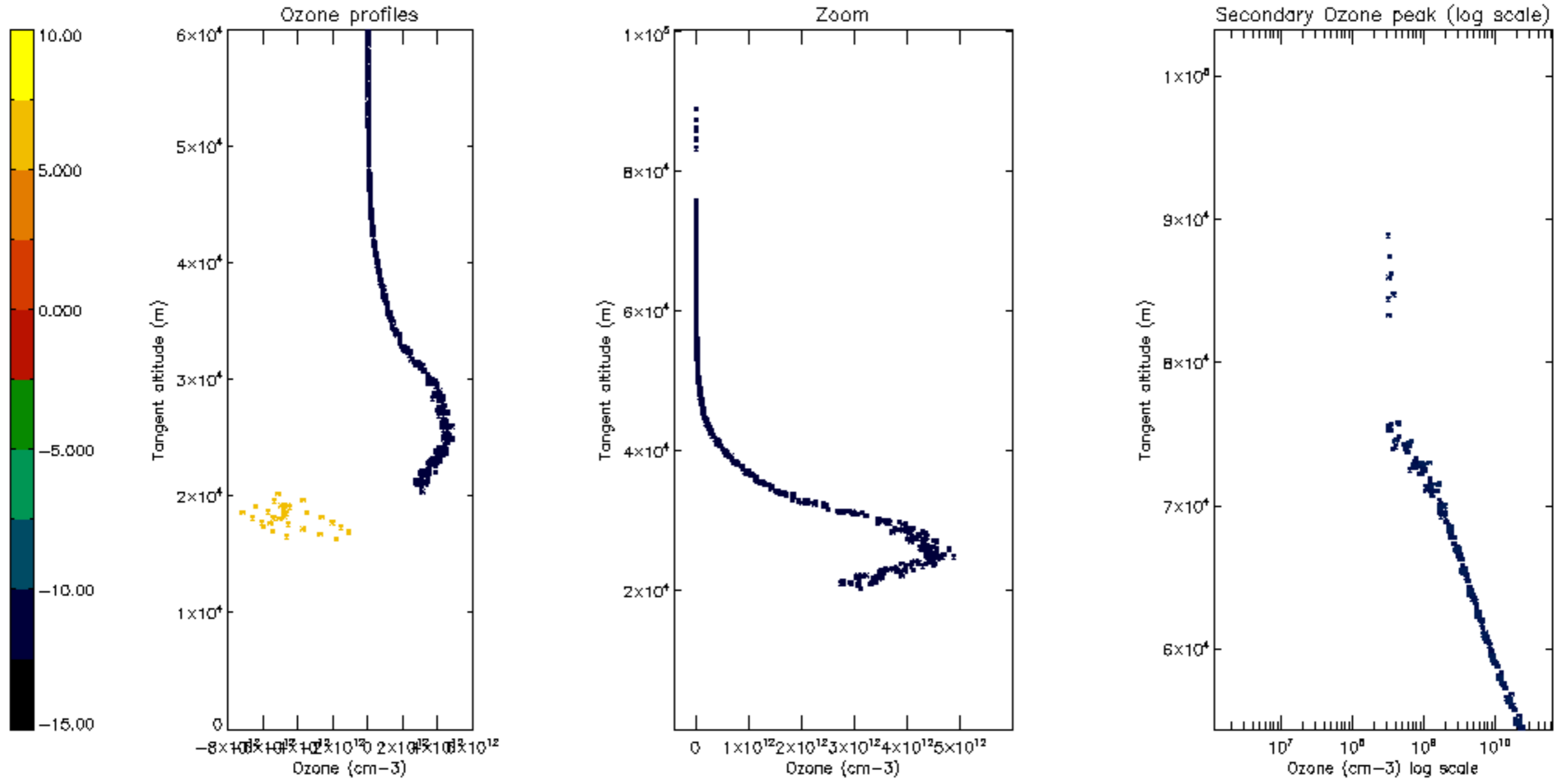
Percentage of saturation errors per profile

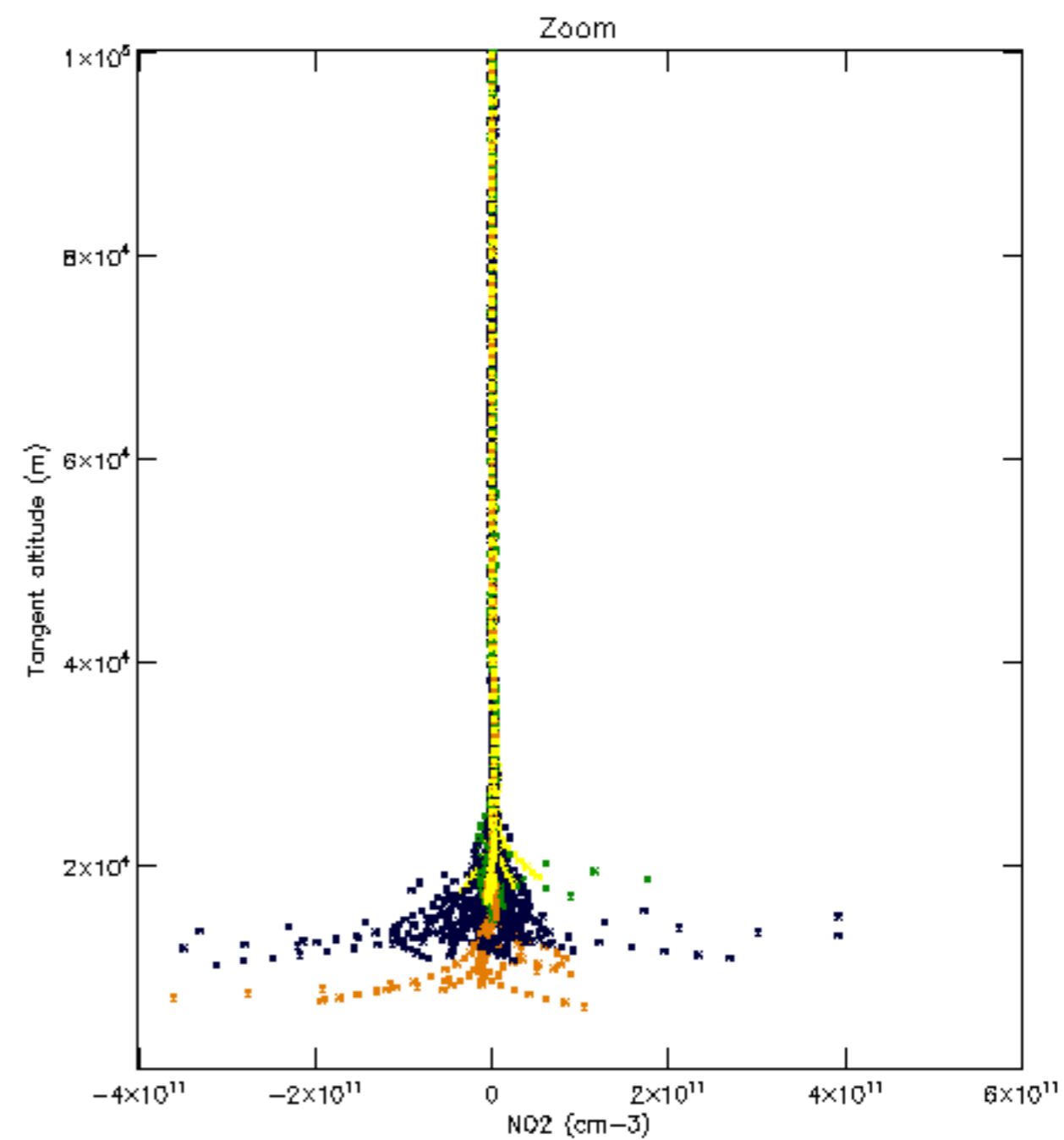
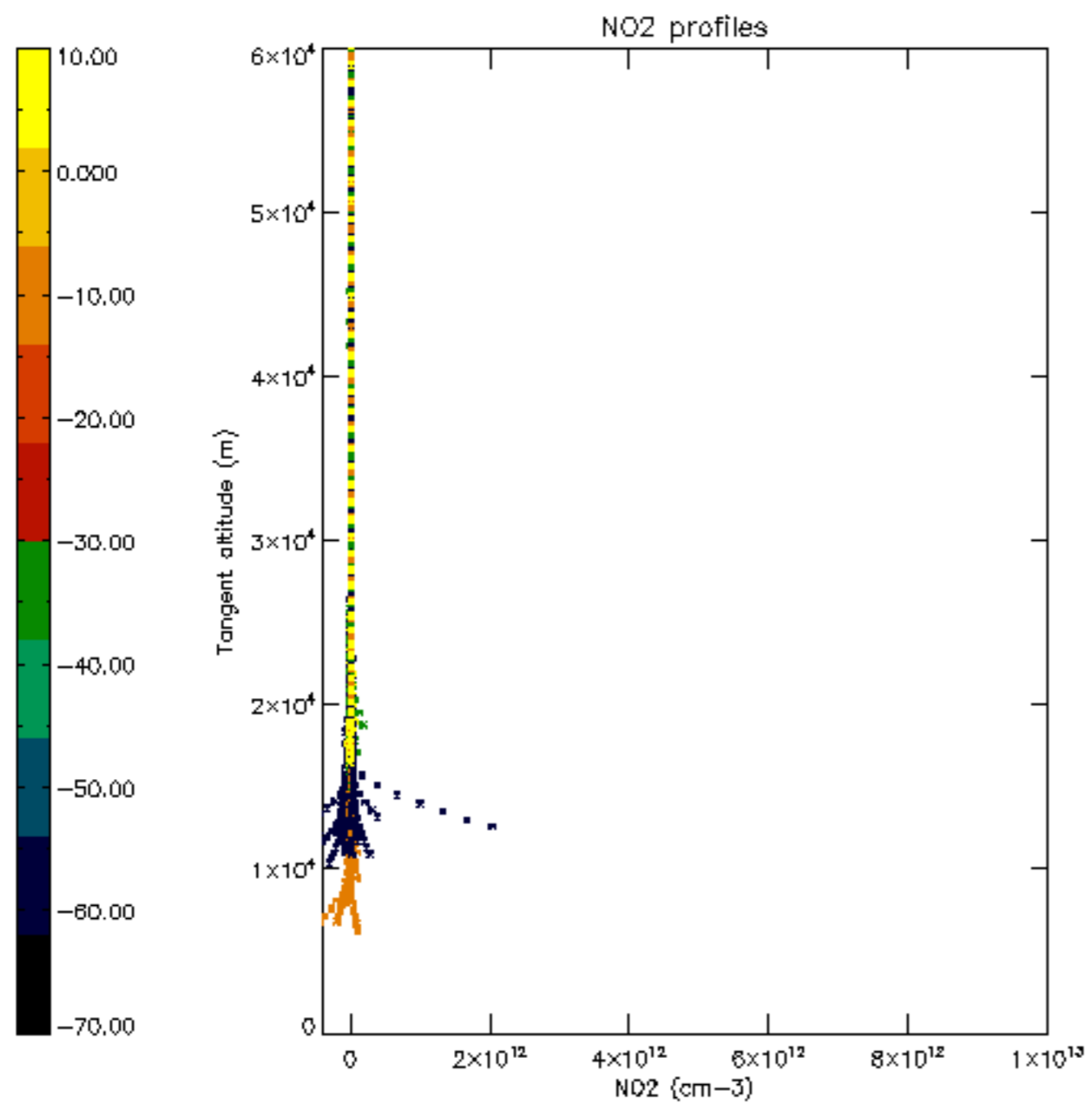


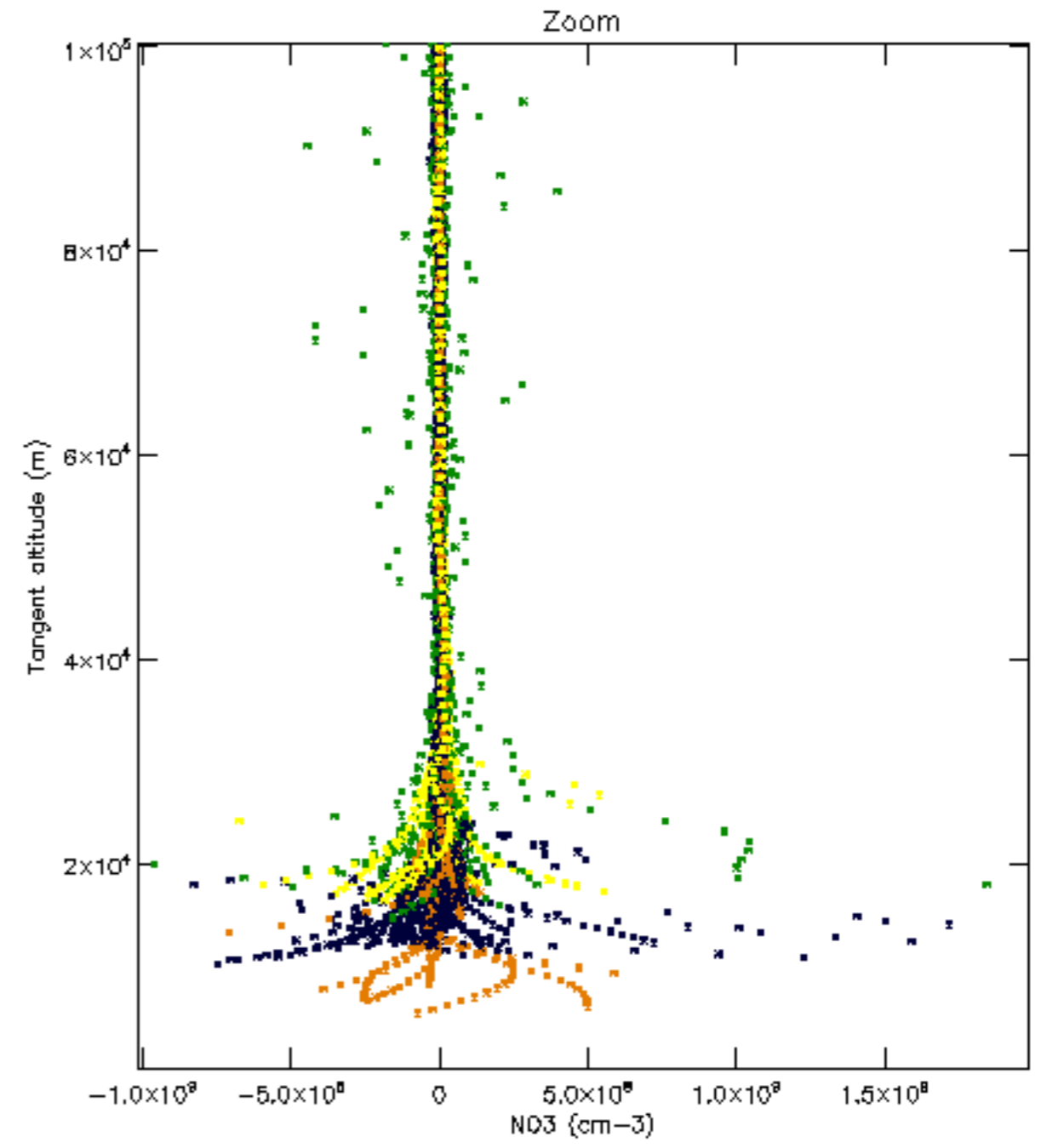
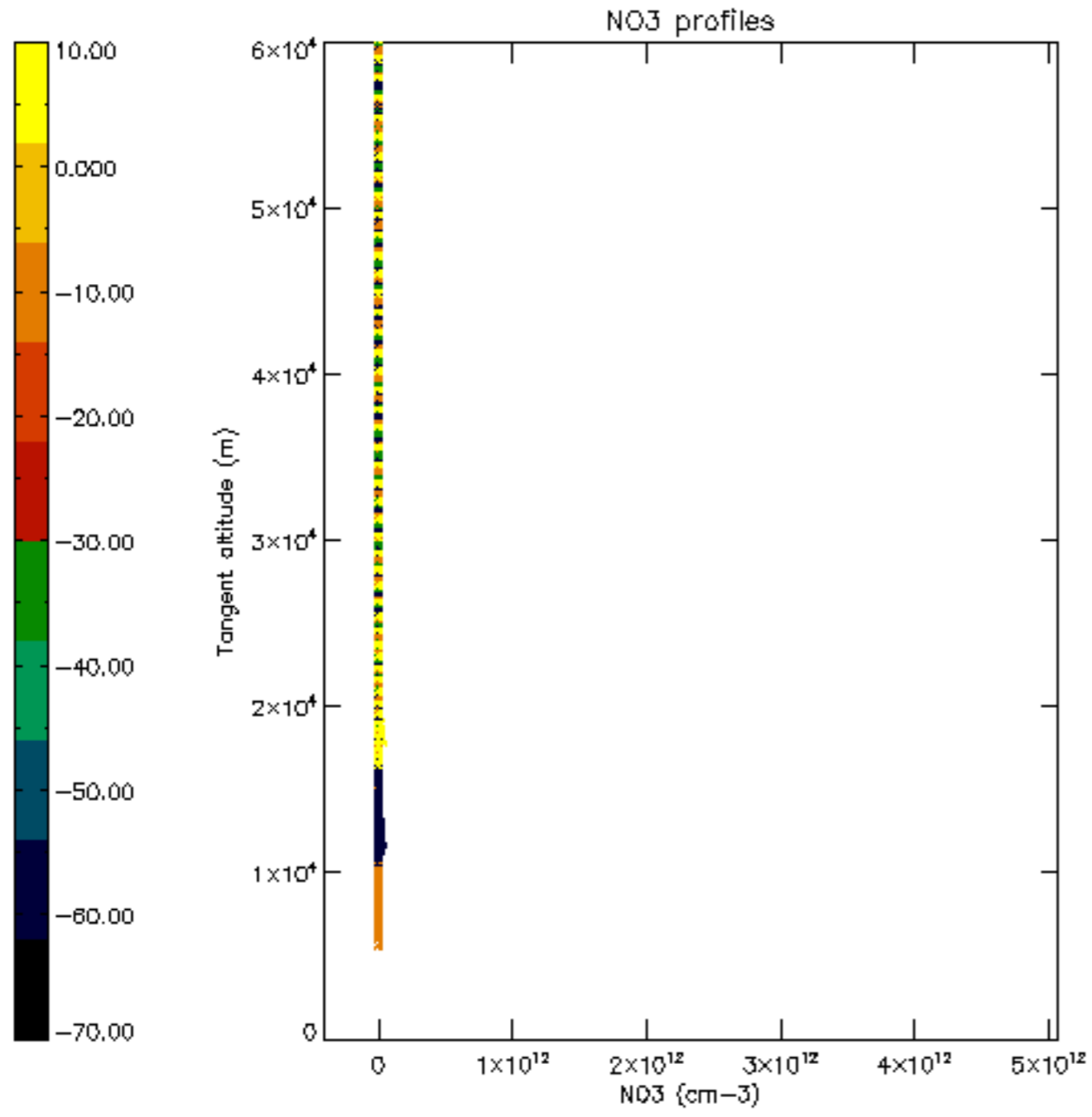


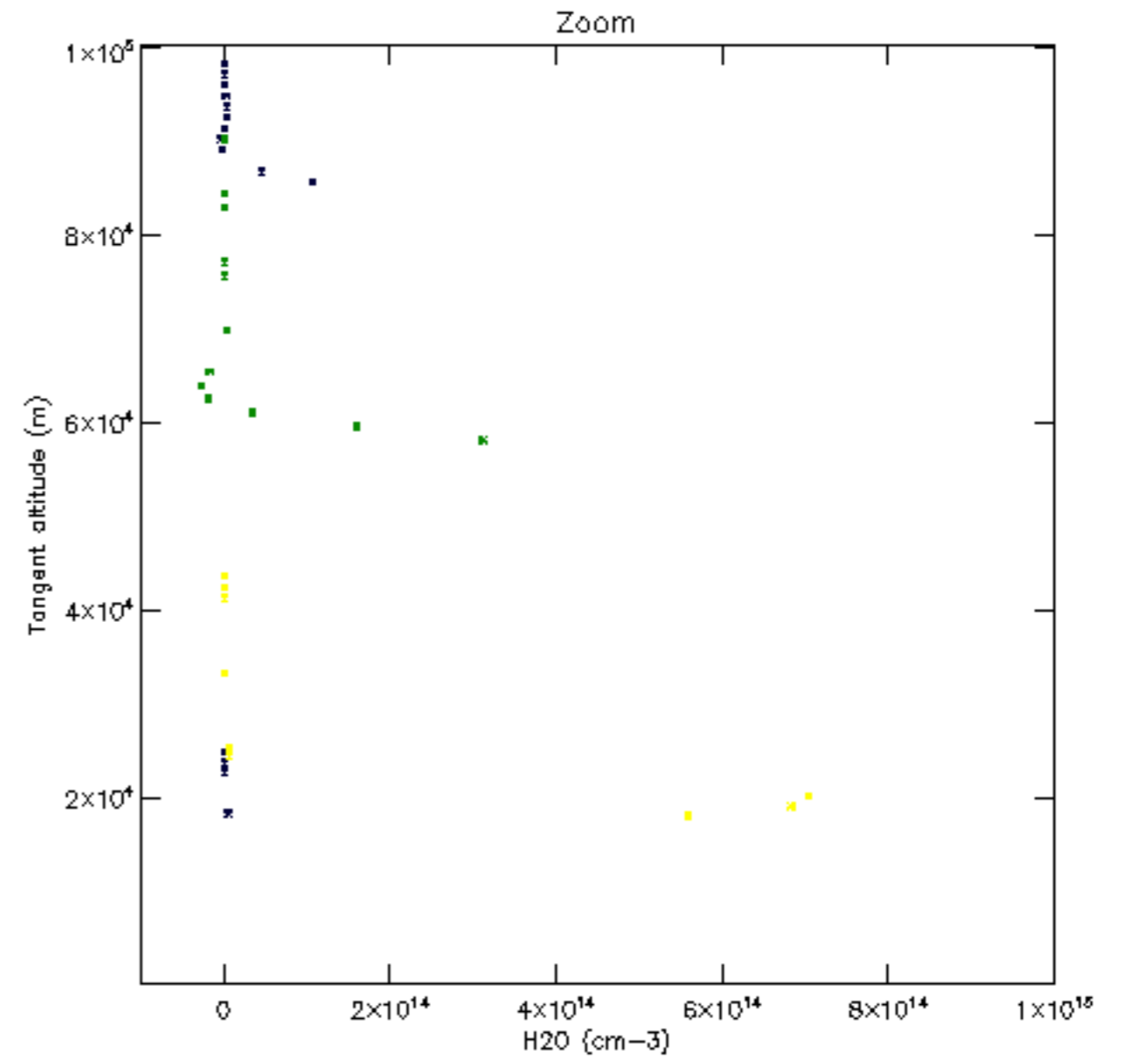
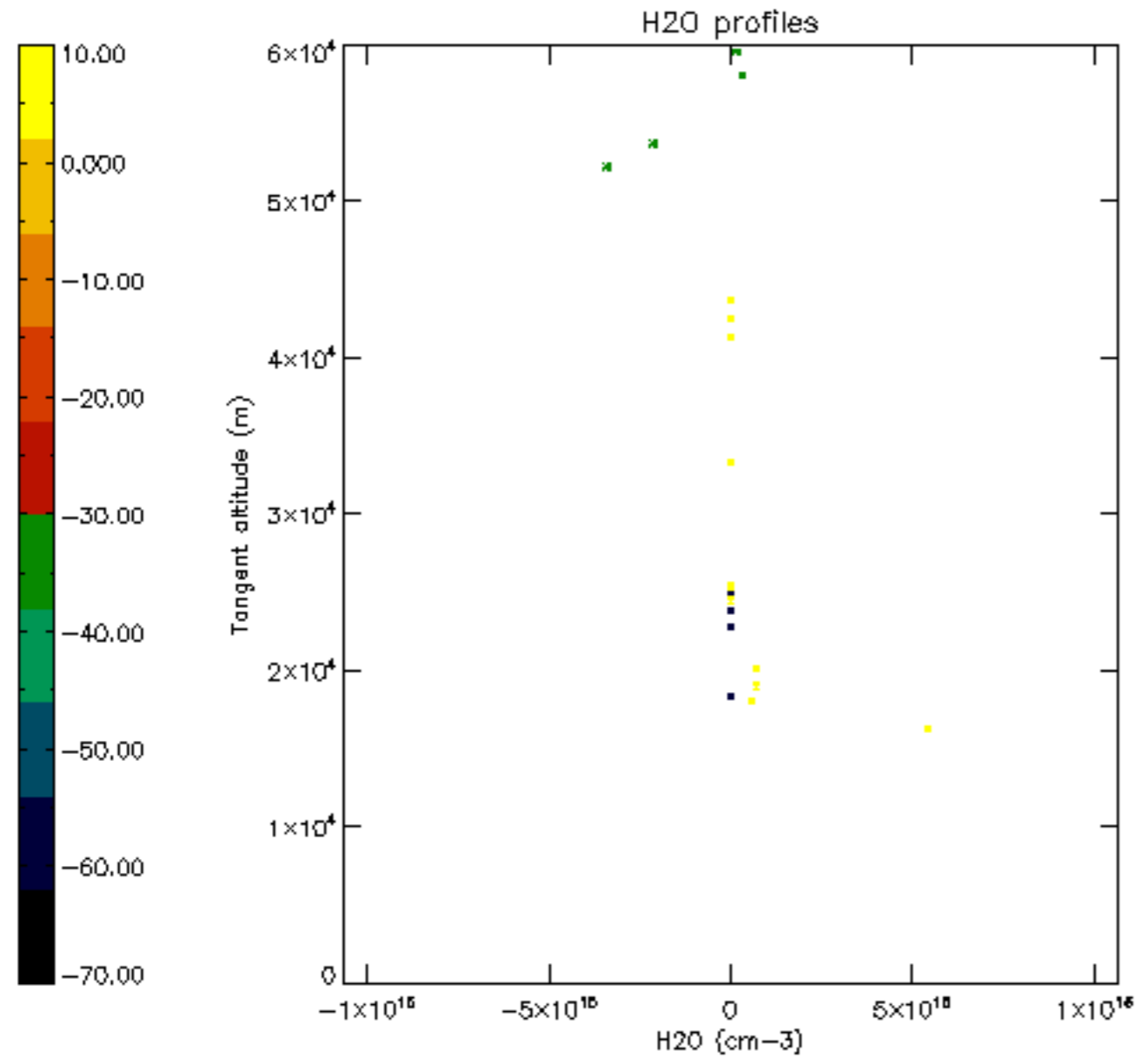


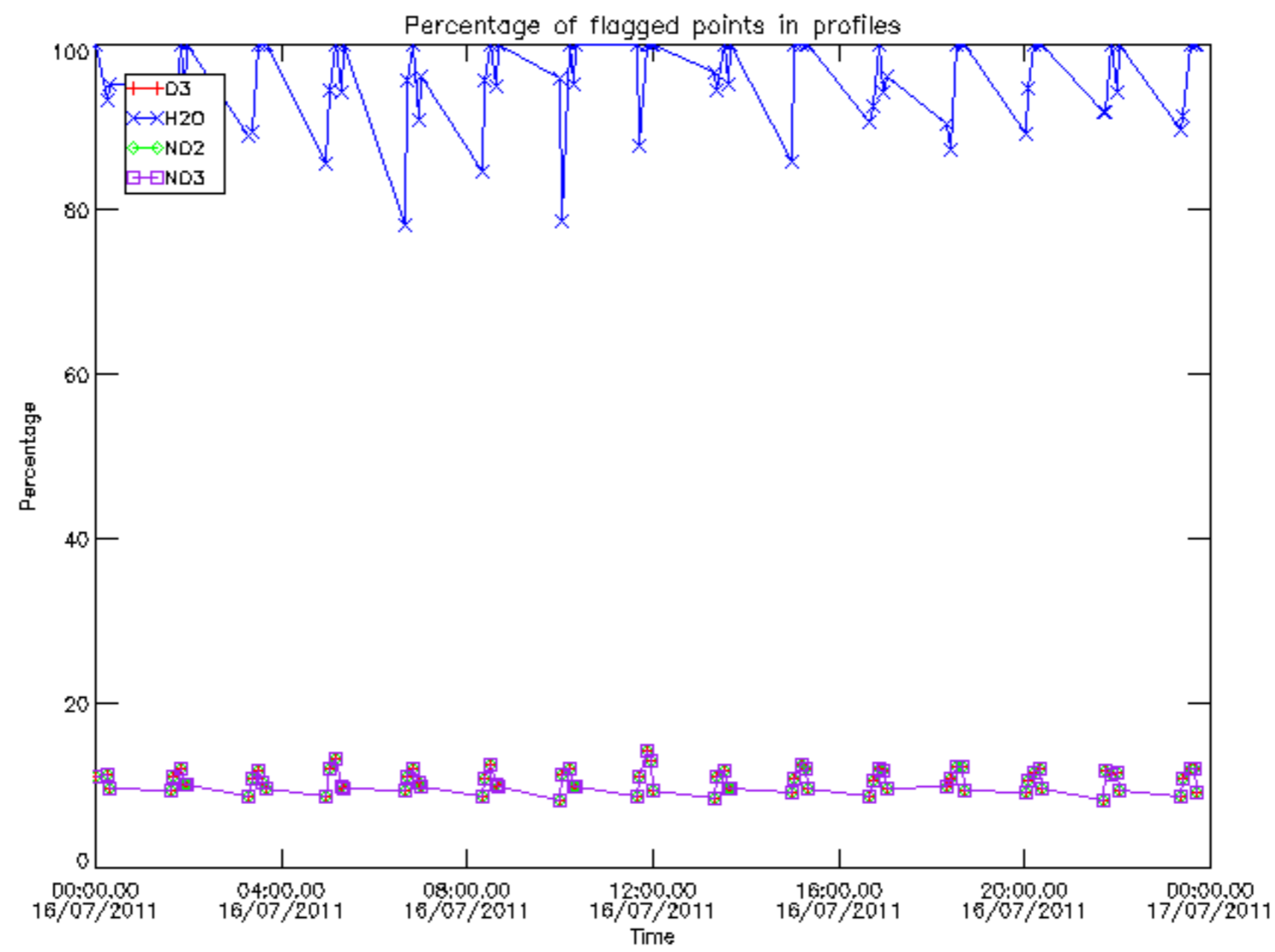




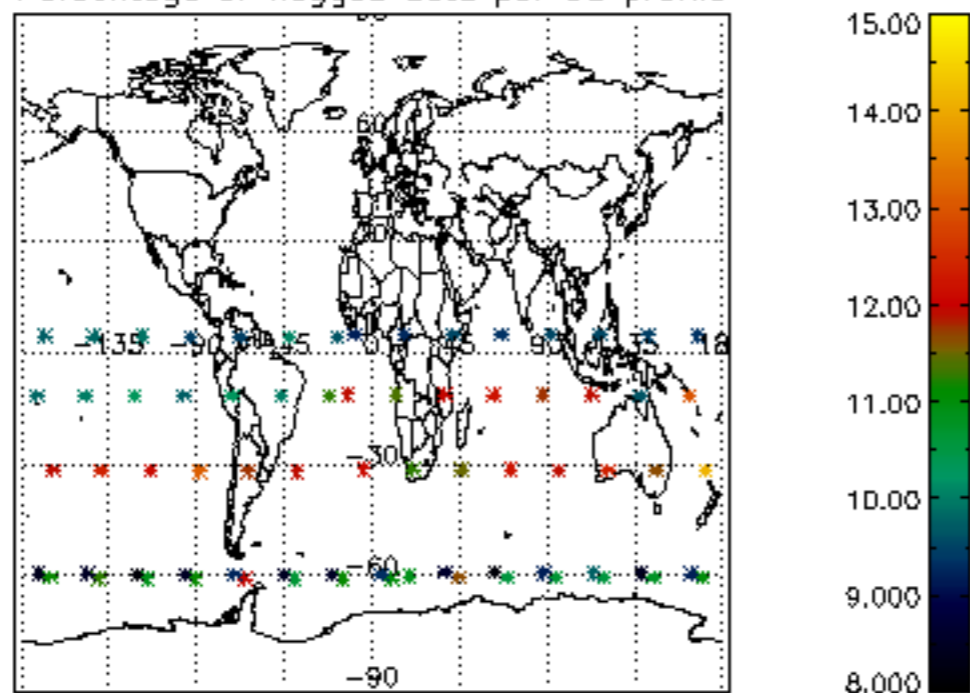




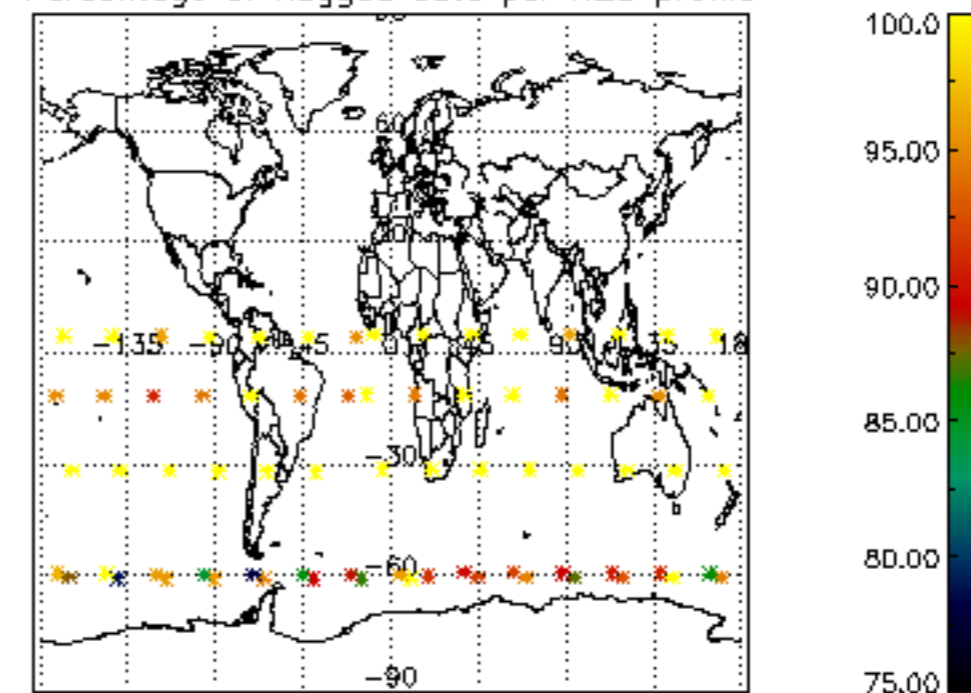




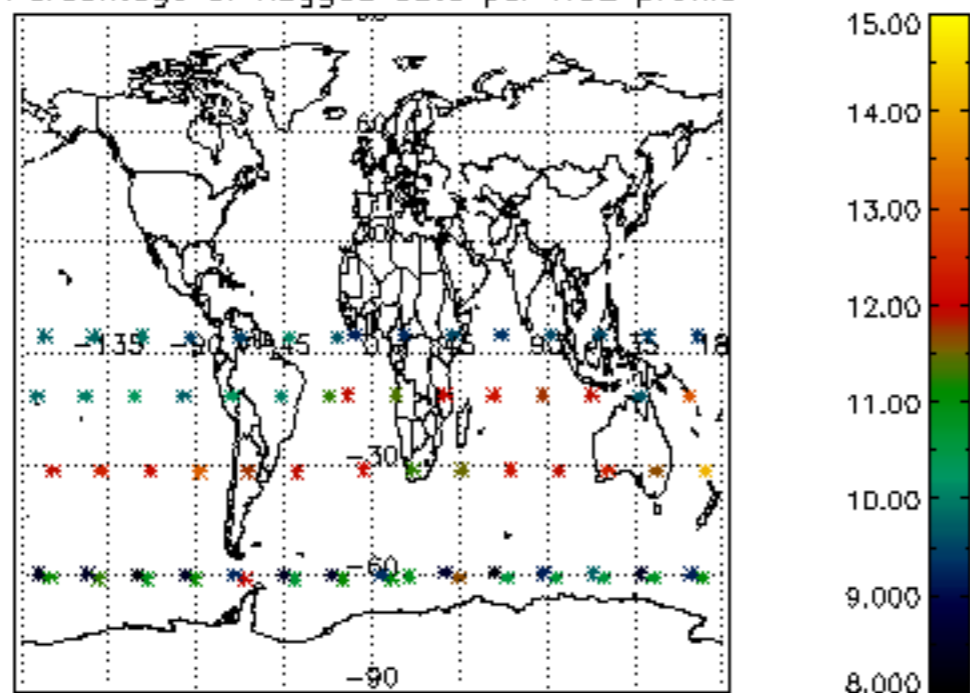
Percentage of flagged data per D3 profile



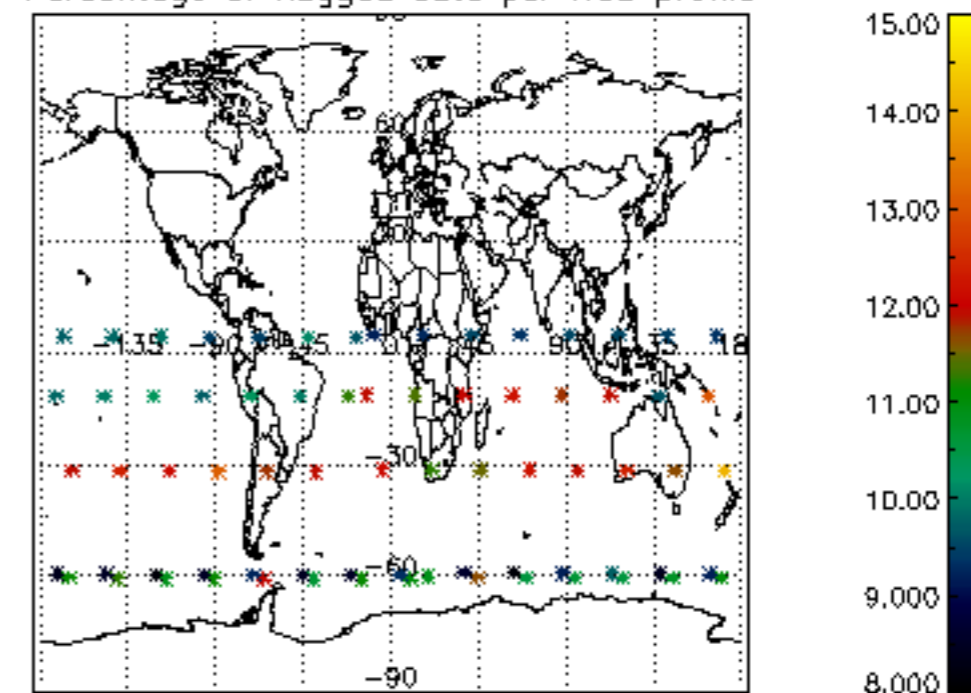
Percentage of flagged data per H2O profile

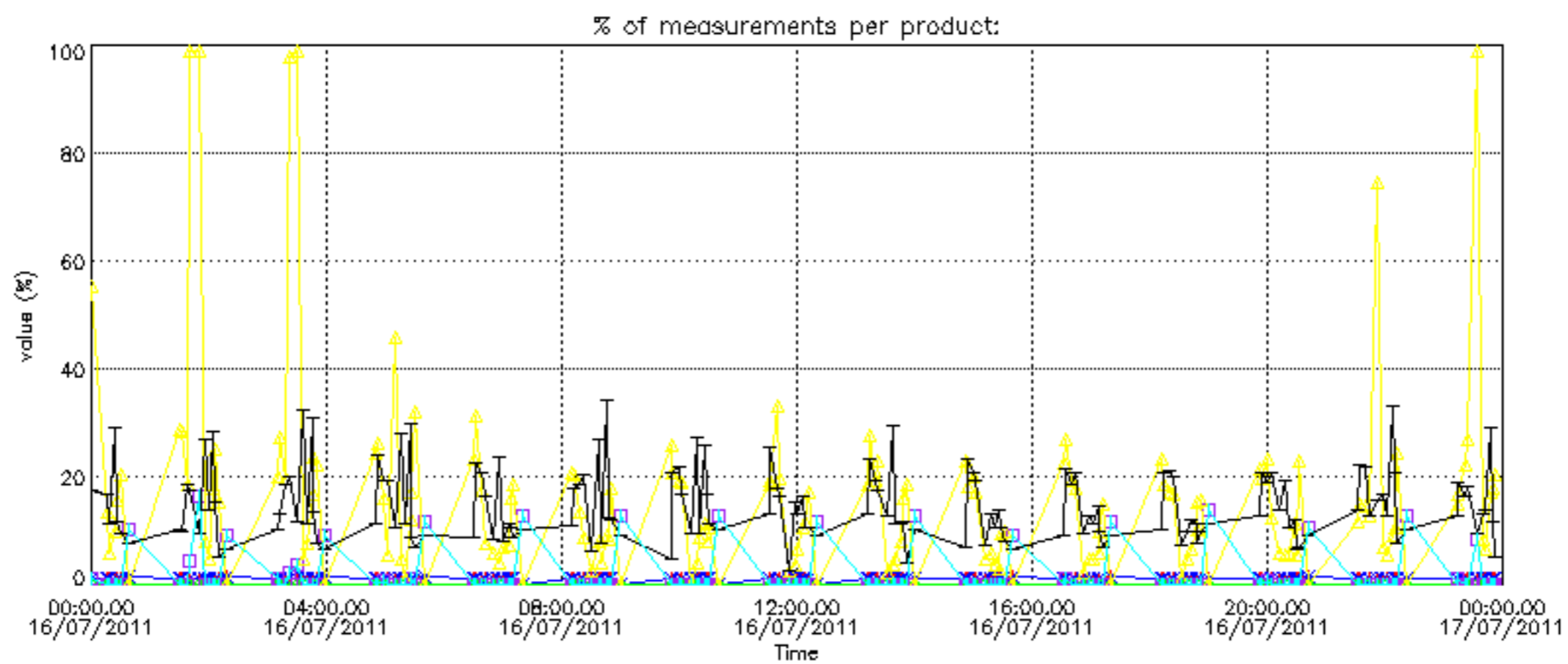


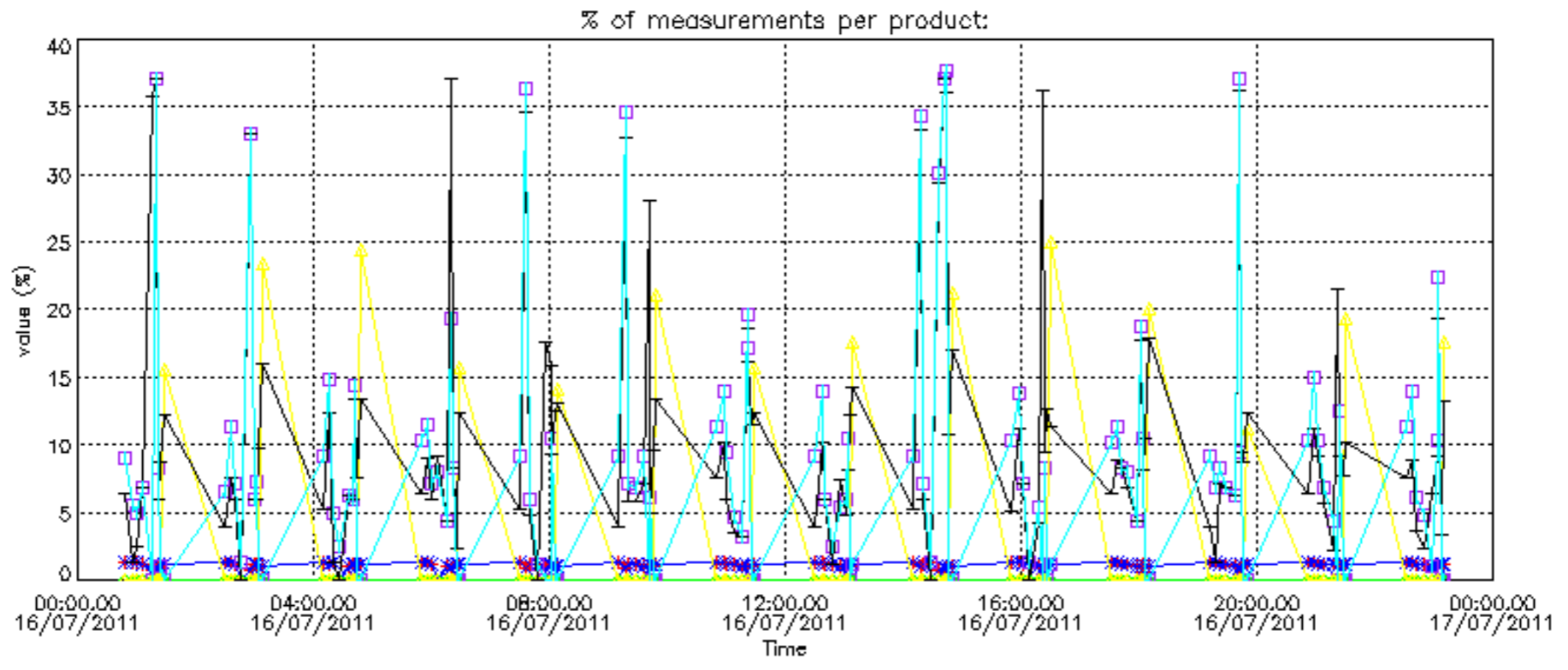
Percentage of flagged data per NO2 profile



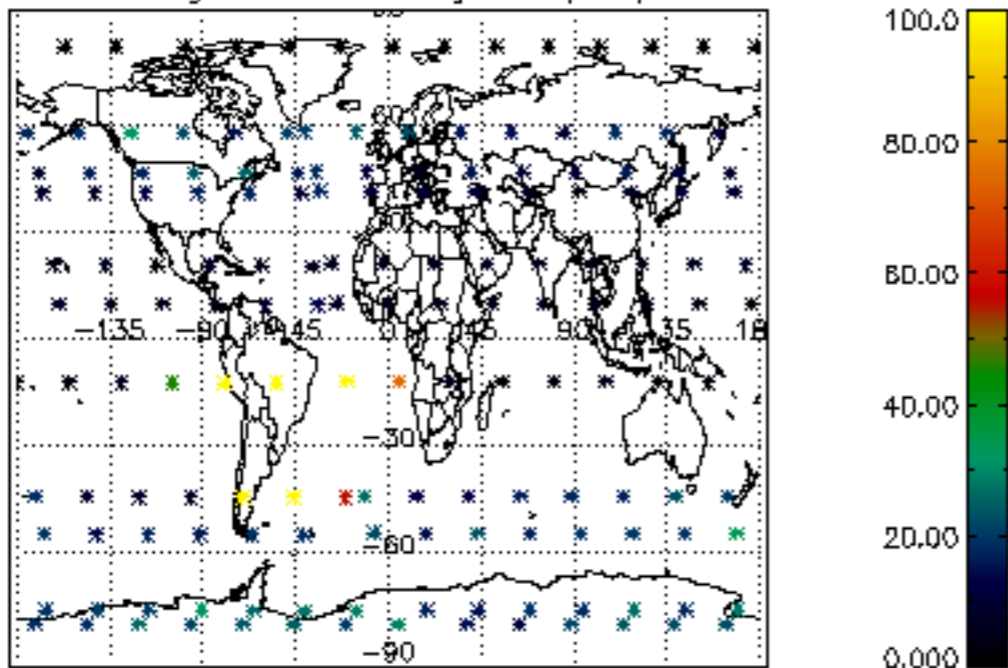
Percentage of flagged data per NO3 profile



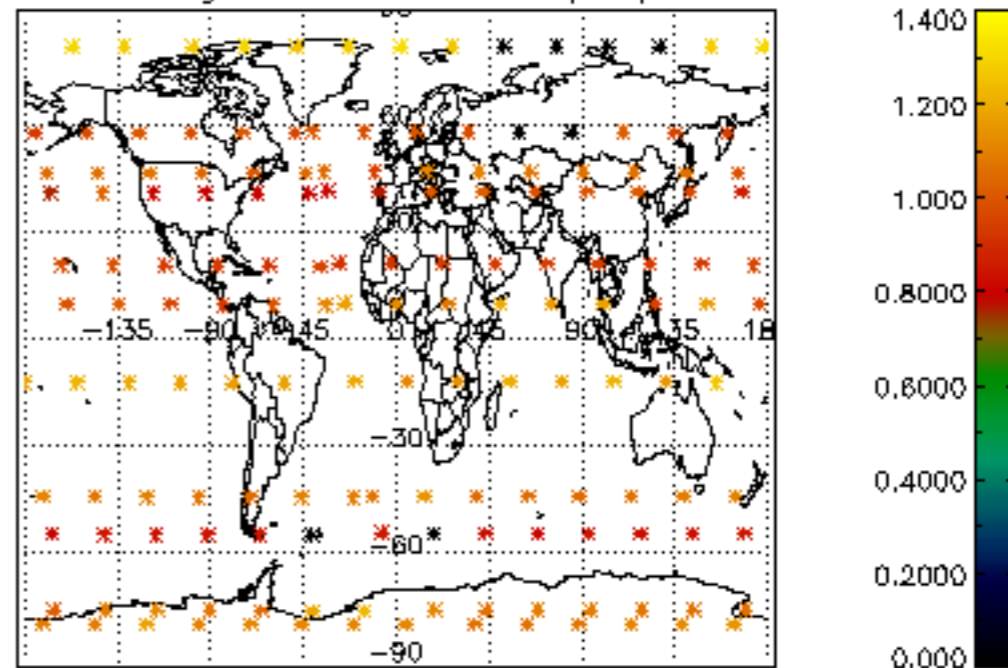




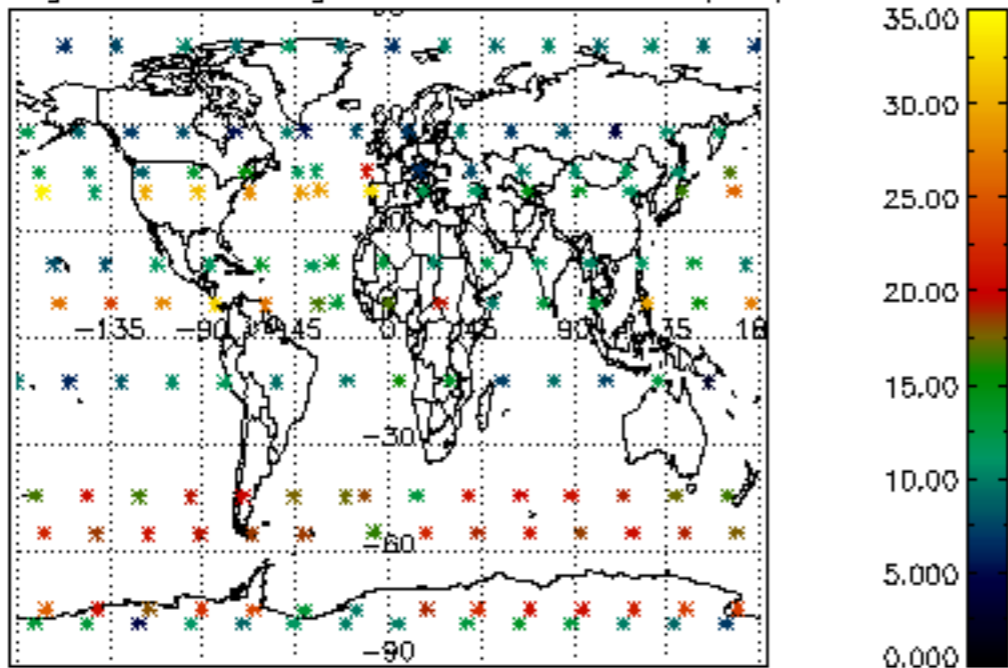
Percentage of cosmic ray hits per profile



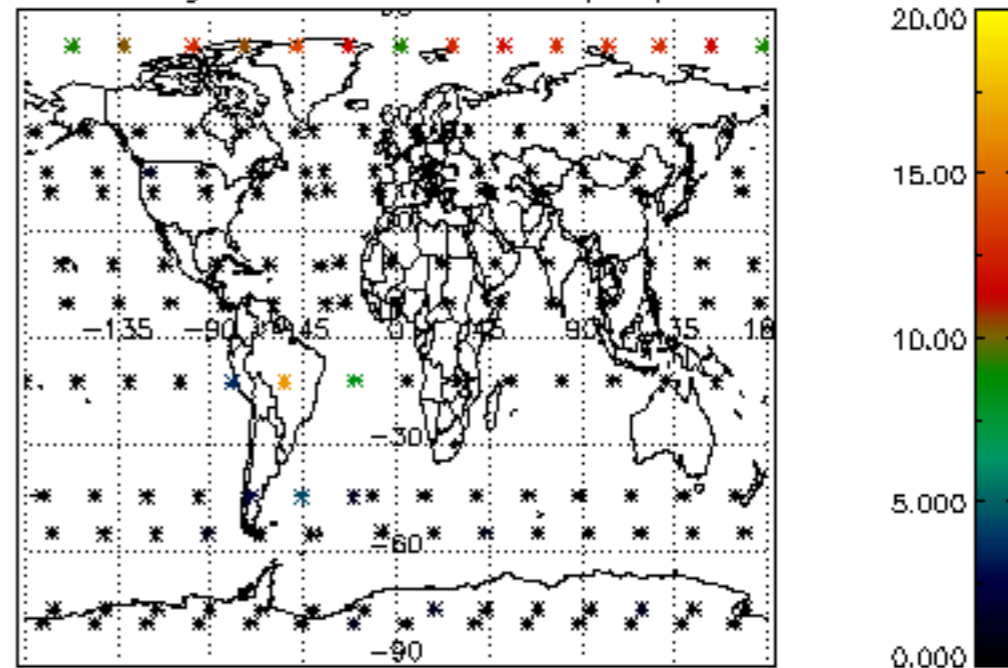
Percentage of datation errors per profile



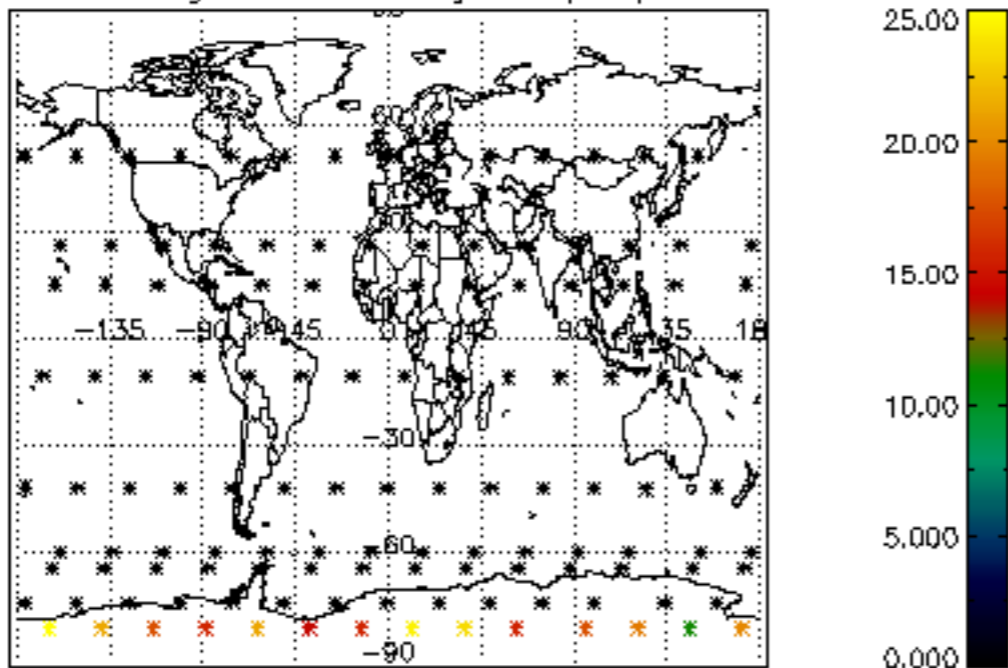
Percentage of star falling outside central band per profile



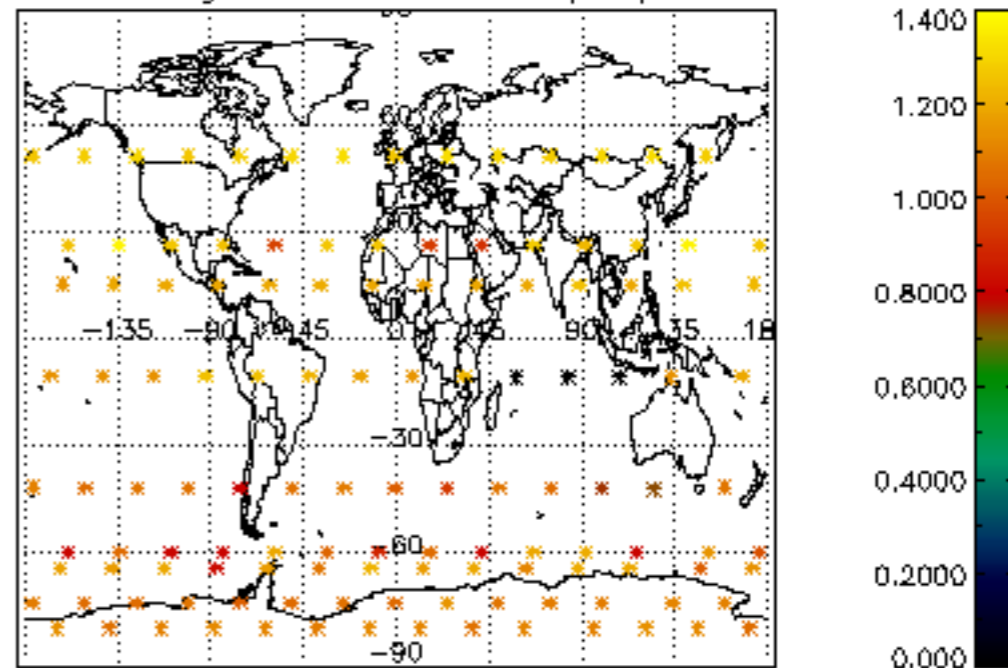
Percentage of saturation errors per profile



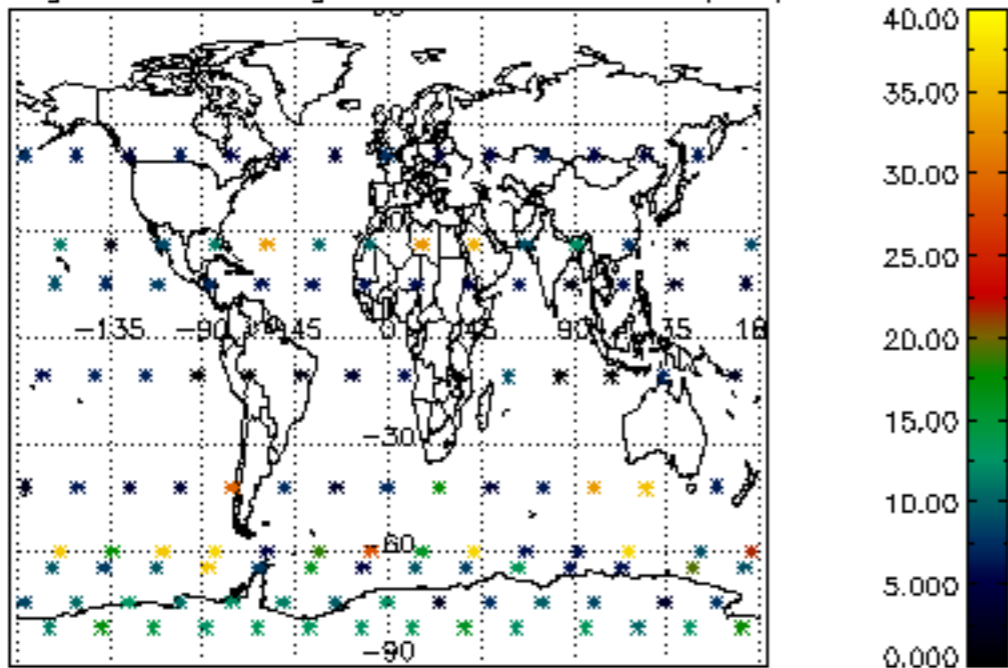
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

