

GOMOS Level 2 Daily Report

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

| Item | Value |
|---------------------------|---------------------------------|
| Time of report generation | 22APR2013 21:58:00 |
| Data source version | GOMOS/6.01 |
| Start time of products | 20-07-2007 (20JUL2007 00:00:00) |
| Stop time of products | 21-07-2007 (21JUL2007 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 268 |
| 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__2PRFIN20070720_000015_000000402060_00045_28155_0762.N1 | 20-JUL-2007 00:00:15 | Straylight | 39.500 | 45 | Alp Pav | 1.9400 | 26000. | 79 | 28155 | No |
| 2 | GOM_NL__2PRFIN20070720_000810_000000422060_00045_28155_0763.N1 | 20-JUL-2007 00:08:10 | Twi_and_stray | 42.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 84 | 28155 | No |
| 3 | GOM_NL__2PRFIN20070720_001004_000000382060_00045_28155_0764.N1 | 20-JUL-2007 00:10:04 | Bright | 38.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 76 | 28155 | No |
| 4 | GOM_NL__2PRFIN20070720_001125_000000382060_00045_28155_0765.N1 | 20-JUL-2007 00:11:25 | Bright | 38.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 76 | 28155 | No |
| 5 | GOM_NL__2PRFIN20070720_001922_000000372060_00045_28155_0766.N1 | 20-JUL-2007 00:19:22 | Bright | 36.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 73 | 28155 | No |
| 6 | GOM_NL__2PRFIN20070720_002139_000000362060_00045_28155_0767.N1 | 20-JUL-2007 00:21:39 | Bright | 36.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 72 | 28155 | No |
| 7 | GOM_NL__2PRFIN20070720_003220_000000332060_00045_28155_0768.N1 | 20-JUL-2007 00:32:20 | Bright | 33.000 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 66 | 28155 | No |
| 8 | GOM_NL__2PRFIN20070720_003545_000000362060_00045_28155_0769.N1 | 20-JUL-2007 00:35:45 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 28155 | No |
| 9 | GOM_NL__2PRFIN20070720_003959_000000362060_00045_28155_0770.N1 | 20-JUL-2007 00:39:59 | Bright | 36.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 72 | 28155 | No |
| 10 | GOM_NL__2PRFIN20070720_004321_000000332060_00045_28155_0771.N1 | 20-JUL-2007 00:43:21 | Bright | 32.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 65 | 28155 | No |
| 11 | GOM_NL__2PRFIN20070720_005550_000000362060_00045_28155_0772.N1 | 20-JUL-2007 00:55:50 | Bright | 36.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 72 | 28155 | No |
| 12 | GOM_NL__2PRFIN20070720_005941_000000442060_00045_28155_0773.N1 | 20-JUL-2007 00:59:41 | Bright | 43.500 | 114 | 31ot Aur | 2.6930 | 4600.0 | 87 | 28155 | No |
| 13 | GOM_NL__2PRFIN20070720_010855_000000392060_00045_28155_0774.N1 | 20-JUL-2007 01:08:55 | Dark | 39.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 78 | 28155 | No |
| 14 | GOM_NL__2PRFIN20070720_011109_000000412060_00045_28155_0775.N1 | 20-JUL-2007 01:11:09 | Dark | 40.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 81 | 28155 | No |
| 15 | GOM_NL__2PRFIN20070720_011332_000000392060_00045_28155_0776.N1 | 20-JUL-2007 01:13:32 | Dark | 38.500 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 77 | 28155 | No |
| 16 | GOM_NL__2PRFIN20070720_012942_000000432060_00046_28156_0795.N1 | 20-JUL-2007 01:29:42 | Dark | 43.000 | 9 | Alp Eri | 0.45300 | 24000. | 86 | 28156 | No |
| 17 | GOM_NL__2PRFIN20070720_013254_000000382060_00046_28156_0796.N1 | 20-JUL-2007 01:32:54 | Dark | 37.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 75 | 28156 | No |
| 18 | GOM_NL__2PRFIN20070720_013707_000000442060_00046_28156_0797.N1 | 20-JUL-2007 01:37:07 | Straylight | 43.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 87 | 28156 | No |
| 19 | GOM_NL__2PRFIN20070720_014051_000000422060_00046_28156_0798.N1 | 20-JUL-2007 01:40:51 | Straylight | 41.500 | 45 | Alp Pav | 1.9400 | 26000. | 83 | 28156 | No |
| 20 | GOM_NL__2PRFIN20070720_014846_000000462060_00046_28156_0799.N1 | 20-JUL-2007 01:48:46 | Bright | 46.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 92 | 28156 | No |
| 21 | GOM_NL__2PRFIN20070720_015040_000000392060_00046_28156_0800.N1 | 20-JUL-2007 01:50:40 | Bright | 39.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 78 | 28156 | No |
| 22 | GOM_NL__2PRFIN20070720_015201_000000392060_00046_28156_0801.N1 | 20-JUL-2007 01:52:01 | Bright | 38.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 77 | 28156 | No |
| 23 | GOM_NL__2PRFIN20070720_015958_000000362060_00046_28156_0802.N1 | 20-JUL-2007 01:59:58 | Bright | 35.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 71 | 28156 | No |
| 24 | GOM_NL__2PRFIN20070720_020215_000000352060_00046_28156_0803.N1 | 20-JUL-2007 02:02:15 | Bright | 35.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 70 | 28156 | No |
| 25 | GOM_NL__2PRFIN20070720_021256_000000342060_00046_28156_0804.N1 | 20-JUL-2007 02:12:56 | Bright | 33.500 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 67 | 28156 | No |
| 26 | GOM_NL__2PRFIN20070720_021621_000000352060_00046_28156_0805.N1 | 20-JUL-2007 02:16:21 | Bright | 35.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 70 | 28156 | No |
| 27 | GOM_NL__2PRFIN20070720_022035_000000372060_00046_28156_0806.N1 | 20-JUL-2007 02:20:35 | Bright | 37.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 74 | 28156 | No |
| 28 | GOM_NL__2PRFIN20070720_022357_000000342060_00046_28156_0807.N1 | 20-JUL-2007 02:23:57 | Bright | 34.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 68 | 28156 | No |
| 29 | GOM_NL__2PRFIN20070720_023626_000000532060_00046_28156_0808.N1 | 20-JUL-2007 02:36:26 | Bright | 53.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 106 | 28156 | No |
| 30 | GOM_NL__2PRFIN20070720_024017_000000392060_00046_28156_0809.N1 | 20-JUL-2007 02:40:17 | Bright | 38.500 | 114 | 31ot Aur | 2.6930 | 4600.0 | 77 | 28156 | No |
| 31 | GOM_NL__2PRFIN20070720_024931_000000392060_00046_28156_0810.N1 | 20-JUL-2007 02:49:31 | Dark | 39.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 78 | 28156 | No |
| 32 | GOM_NL__2PRFIN20070720_025145_000000432060_00046_28156_0811.N1 | 20-JUL-2007 02:51:45 | Dark | 42.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 85 | 28156 | No |
| 33 | GOM_NL__2PRFIN20070720_025408_000000402060_00046_28156_0812.N1 | 20-JUL-2007 02:54:08 | Dark | 40.000 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 80 | 28156 | No |
| 34 | GOM_NL__2PRFIN20070720_031019_000000422060_00047_28157_0811.N1 | 20-JUL-2007 03:10:19 | Dark | 41.500 | 9 | Alp Eri | 0.45300 | 24000. | 83 | 28157 | No |
| 35 | GOM_NL__2PRFIN20070720_031331_000000382060_00047_28157_0812.N1 | 20-JUL-2007 03:13:31 | Dark | 38.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 76 | 28157 | No |
| 36 | GOM_NL__2PRFIN20070720_031744_000000452060_00047_28157_0813.N1 | 20-JUL-2007 03:17:44 | Straylight | 44.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 89 | 28157 | No |
| 37 | GOM_NL__2PRFIN20070720_032127_000000412060_00047_28157_0814.N1 | 20-JUL-2007 03:21:27 | Straylight | 40.500 | 45 | Alp Pav | 1.9400 | 26000. | 81 | 28157 | No |
| 38 | GOM_NL__2PRFIN20070720_032922_000000412060_00047_28157_0815.N1 | 20-JUL-2007 03:29:22 | Twi_and_stray | 40.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 81 | 28157 | No |
| 39 | GOM_NL__2PRFIN20070720_033116_000000412060_00047_28157_0816.N1 | 20-JUL-2007 03:31:16 | Bright | 40.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 81 | 28157 | No |
| 40 | GOM_NL__2PRFIN20070720_033237_000000392060_00047_28157_0817.N1 | 20-JUL-2007 03:32:37 | Bright | 38.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 77 | 28157 | No |
| 41 | GOM_NL__2PRFIN20070720_034034_000000362060_00047_28157_0818.N1 | 20-JUL-2007 03:40:34 | Bright | 35.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 71 | 28157 | No |
| 42 | GOM_NL__2PRFIN20070720_034252_000000362060_00047_28157_0819.N1 | 20-JUL-2007 03:42:52 | Bright | 35.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 71 | 28157 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 43 | GOM_NL__2PRFIN20070720_035332_000000352060_00047_28157_0820.N1 | 20-JUL-2007 03:53:32 | Bright | 35.000 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 70 | 28157 | No |
| 44 | GOM_NL__2PRFIN20070720_035657_000000332060_00047_28157_0821.N1 | 20-JUL-2007 03:56:57 | Bright | 32.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 65 | 28157 | No |
| 45 | GOM_NL__2PRFIN20070720_040112_000000352060_00047_28157_0822.N1 | 20-JUL-2007 04:01:12 | Bright | 35.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 70 | 28157 | No |
| 46 | GOM_NL__2PRFIN20070720_040433_000000322060_00047_28157_0823.N1 | 20-JUL-2007 04:04:33 | Bright | 32.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 64 | 28157 | No |
| 47 | GOM_NL__2PRFIN20070720_041702_000000372060_00047_28157_0824.N1 | 20-JUL-2007 04:17:02 | Bright | 36.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 73 | 28157 | No |
| 48 | GOM_NL__2PRFIN20070720_042053_000000392060_00047_28157_0825.N1 | 20-JUL-2007 04:20:53 | Bright | 38.500 | 114 | 3Iot Aur | 2.6930 | 4600.0 | 77 | 28157 | No |
| 49 | GOM_NL__2PRFIN20070720_043007_000000392060_00047_28157_0826.N1 | 20-JUL-2007 04:30:07 | Dark | 39.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 78 | 28157 | No |
| 50 | GOM_NL__2PRFIN20070720_043221_000000442060_00047_28157_0827.N1 | 20-JUL-2007 04:32:21 | Dark | 43.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 87 | 28157 | No |
| 51 | GOM_NL__2PRFIN20070720_043444_000000382060_00047_28157_0828.N1 | 20-JUL-2007 04:34:44 | Dark | 38.000 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 76 | 28157 | No |
| 52 | GOM_NL__2PRFIN20070720_045055_000000432060_00048_28158_0826.N1 | 20-JUL-2007 04:50:55 | Dark | 42.500 | 9 | Alp Eri | 0.45300 | 24000. | 85 | 28158 | No |
| 53 | GOM_NL__2PRFIN20070720_045407_000000382060_00048_28158_0827.N1 | 20-JUL-2007 04:54:07 | Dark | 37.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 75 | 28158 | No |
| 54 | GOM_NL__2PRFIN20070720_045821_000000432060_00048_28158_0828.N1 | 20-JUL-2007 04:58:21 | Straylight | 42.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 85 | 28158 | No |
| 55 | GOM_NL__2PRFIN20070720_050204_000000382060_00048_28158_0829.N1 | 20-JUL-2007 05:02:04 | Straylight | 38.000 | 45 | Alp Pav | 1.9400 | 26000. | 76 | 28158 | No |
| 56 | GOM_NL__2PRFIN20070720_050958_000000392060_00048_28158_0830.N1 | 20-JUL-2007 05:09:58 | Tw_i_and_stray | 39.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 78 | 28158 | No |
| 57 | GOM_NL__2PRFIN20070720_051152_000000392060_00048_28158_0831.N1 | 20-JUL-2007 05:11:52 | Bright | 38.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 77 | 28158 | No |
| 58 | GOM_NL__2PRFIN20070720_051313_000000382060_00048_28158_0832.N1 | 20-JUL-2007 05:13:13 | Bright | 38.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 76 | 28158 | No |
| 59 | GOM_NL__2PRFIN20070720_052110_000000352060_00048_28158_0833.N1 | 20-JUL-2007 05:21:10 | Bright | 34.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 69 | 28158 | No |
| 60 | GOM_NL__2PRFIN20070720_052328_000000362060_00048_28158_0834.N1 | 20-JUL-2007 05:23:28 | Bright | 36.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 72 | 28158 | No |
| 61 | GOM_NL__2PRFIN20070720_053408_000000372060_00048_28158_0835.N1 | 20-JUL-2007 05:34:08 | Bright | 37.000 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 74 | 28158 | No |
| 62 | GOM_NL__2PRFIN20070720_053734_000000362060_00048_28158_0836.N1 | 20-JUL-2007 05:37:34 | Bright | 35.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 71 | 28158 | No |
| 63 | GOM_NL__2PRFIN20070720_054148_000000342060_00048_28158_0837.N1 | 20-JUL-2007 05:41:48 | Bright | 33.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 67 | 28158 | No |
| 64 | GOM_NL__2PRFIN20070720_054509_000000352060_00048_28158_0838.N1 | 20-JUL-2007 05:45:09 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 28158 | No |
| 65 | GOM_NL__2PRFIN20070720_055738_000000472060_00048_28158_0839.N1 | 20-JUL-2007 05:57:38 | Bright | 47.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 94 | 28158 | No |
| 66 | GOM_NL__2PRFIN20070720_060129_000000542060_00048_28158_0840.N1 | 20-JUL-2007 06:01:29 | Bright | 54.000 | 114 | 3Iot Aur | 2.6930 | 4600.0 | 108 | 28158 | No |
| 67 | GOM_NL__2PRFIN20070720_061043_000000392060_00048_28158_0841.N1 | 20-JUL-2007 06:10:43 | Dark | 39.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 78 | 28158 | No |
| 68 | GOM_NL__2PRFIN20070720_061257_000000452060_00048_28158_0842.N1 | 20-JUL-2007 06:12:57 | Dark | 45.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 90 | 28158 | No |
| 69 | GOM_NL__2PRFIN20070720_061520_000000402060_00048_28158_0843.N1 | 20-JUL-2007 06:15:20 | Dark | 39.500 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 79 | 28158 | No |
| 70 | GOM_NL__2PRFIN20070720_063132_000000462060_00049_28159_0850.N1 | 20-JUL-2007 06:31:32 | Dark | 46.000 | 9 | Alp Eri | 0.45300 | 24000. | 92 | 28159 | No |
| 71 | GOM_NL__2PRFIN20070720_063443_000000382060_00049_28159_0851.N1 | 20-JUL-2007 06:34:43 | Dark | 37.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 75 | 28159 | No |
| 72 | GOM_NL__2PRFIN20070720_063857_000000432060_00049_28159_0852.N1 | 20-JUL-2007 06:38:57 | Straylight | 42.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 85 | 28159 | No |
| 73 | GOM_NL__2PRFIN20070720_064240_000000402060_00049_28159_0853.N1 | 20-JUL-2007 06:42:40 | Straylight | 40.000 | 45 | Alp Pav | 1.9400 | 26000. | 80 | 28159 | No |
| 74 | GOM_NL__2PRFIN20070720_065034_000000522060_00049_28159_0854.N1 | 20-JUL-2007 06:50:34 | Bright | 52.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 104 | 28159 | No |
| 75 | GOM_NL__2PRFIN20070720_065228_000000382060_00049_28159_0855.N1 | 20-JUL-2007 06:52:28 | Bright | 38.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 76 | 28159 | No |
| 76 | GOM_NL__2PRFIN20070720_065349_000000382060_00049_28159_0856.N1 | 20-JUL-2007 06:53:49 | Bright | 38.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 76 | 28159 | No |
| 77 | GOM_NL__2PRFIN20070720_070146_000000362060_00049_28159_0857.N1 | 20-JUL-2007 07:01:46 | Bright | 35.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 71 | 28159 | No |
| 78 | GOM_NL__2PRFIN20070720_070404_000000382060_00049_28159_0858.N1 | 20-JUL-2007 07:04:04 | Bright | 37.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 75 | 28159 | No |
| 79 | GOM_NL__2PRFIN20070720_071444_000000382060_00049_28159_0859.N1 | 20-JUL-2007 07:14:44 | Bright | 37.500 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 75 | 28159 | No |
| 80 | GOM_NL__2PRFIN20070720_071810_000000362060_00049_28159_0860.N1 | 20-JUL-2007 07:18:10 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 28159 | No |
| 81 | GOM_NL__2PRFIN20070720_072224_000000362060_00049_28159_0861.N1 | 20-JUL-2007 07:22:24 | Bright | 36.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 72 | 28159 | No |
| 82 | GOM_NL__2PRFIN20070720_072545_000000362060_00049_28159_0862.N1 | 20-JUL-2007 07:25:45 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 28159 | No |
| 83 | GOM_NL__2PRFIN20070720_073814_000000382060_00049_28159_0863.N1 | 20-JUL-2007 07:38:14 | Bright | 37.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 75 | 28159 | No |
| 84 | GOM_NL__2PRFIN20070720_074206_000000392060_00049_28159_0864.N1 | 20-JUL-2007 07:42:06 | Bright | 39.000 | 114 | 3Iot Aur | 2.6930 | 4600.0 | 78 | 28159 | No |
| 85 | GOM_NL__2PRFIN20070720_075119_000000392060_00049_28159_0865.N1 | 20-JUL-2007 07:51:19 | Dark | 38.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 77 | 28159 | No |
| 86 | GOM_NL__2PRFIN20070720_075333_000000402060_00049_28159_0866.N1 | 20-JUL-2007 07:53:33 | Dark | 39.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 79 | 28159 | No |
| 87 | GOM_NL__2PRFIN20070720_075556_000000392060_00049_28159_0867.N1 | 20-JUL-2007 07:55:56 | Dark | 38.500 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 77 | 28159 | No |
| 88 | GOM_NL__2PRFIN20070720_081209_000000422060_00050_28160_0878.N1 | 20-JUL-2007 08:12:09 | Dark | 42.000 | 9 | Alp Eri | 0.45300 | 24000. | 84 | 28160 | No |
| 89 | GOM_NL__2PRFIN20070720_081519_000000382060_00050_28160_0879.N1 | 20-JUL-2007 08:15:19 | Dark | 37.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 75 | 28160 | No |
| 90 | GOM_NL__2PRFIN20070720_081933_000000432060_00050_28160_0880.N1 | 20-JUL-2007 08:19:33 | Straylight | 42.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 85 | 28160 | No |
| 91 | GOM_NL__2PRFIN20070720_082316_000000382060_00050_28160_0881.N1 | 20-JUL-2007 08:23:16 | Straylight | 38.000 | 45 | Alp Pav | 1.9400 | 26000. | 76 | 28160 | No |
| 92 | GOM_NL__2PRFIN20070720_083110_000000412060_00050_28160_0882.N1 | 20-JUL-2007 08:31:10 | Tw_i_and_stray | 40.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 81 | 28160 | No |
| 93 | GOM_NL__2PRFIN20070720_083304_000000412060_00050_28160_0883.N1 | 20-JUL-2007 08:33:04 | Bright | 41.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 82 | 28160 | No |
| 94 | GOM_NL__2PRFIN20070720_083426_000000382060_00050_28160_0884.N1 | 20-JUL-2007 08:34:26 | Bright | 37.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 75 | 28160 | No |
| 95 | GOM_NL__2PRFIN20070720_084222_000000372060_00050_28160_0885.N1 | 20-JUL-2007 08:42:22 | Bright | 36.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 73 | 28160 | No |
| 96 | GOM_NL__2PRFIN20070720_084440_000000342060_00050_28160_0886.N1 | 20-JUL-2007 08:44:40 | Bright | 34.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 68 | 28160 | No |
| 97 | GOM_NL__2PRFIN20070720_085151_000000272060_00050_28160_0887.N1 | 20-JUL-2007 08:51:51 | Bright | 27.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 54 | 28160 | No |
| 98 | GOM_NL__2PRFIN20070720_085520_000000382060_00050_28160_0888.N1 | 20-JUL-2007 08:55:20 | Bright | 37.500 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 75 | 28160 | No |
| 99 | GOM_NL__2PRFIN20070720_085846_000000362060_00050_28160_0889.N1 | 20-JUL-2007 08:58:46 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 28160 | No |
| 100 | GOM_NL__2PRFIN20070720_090300_000000342060_00050_28160_0890.N1 | 20-JUL-2007 09:03:00 | Bright | 33.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 67 | 28160 | No |
| 101 | GOM_NL__2PRFIN20070720_090621_000000352060_00050_28160_0891.N1 | 20-JUL-2007 09:06:21 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 28160 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20070720_091850_000000362060_00050_28160_0892.N1 | 20-JUL-2007 09:18:50 | Bright | 36.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 72 | 28160 | No |
| 103 | GOM_NL__2PRFIN20070720_092242_000000542060_00050_28160_0893.N1 | 20-JUL-2007 09:22:42 | Bright | 54.000 | 114 | 3lot Aur | 2.6930 | 4600.0 | 108 | 28160 | No |
| 104 | GOM_NL__2PRFIN20070720_093156_000000392060_00050_28160_0894.N1 | 20-JUL-2007 09:31:56 | Dark | 39.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 78 | 28160 | No |
| 105 | GOM_NL__2PRFIN20070720_093410_000000412060_00050_28160_0895.N1 | 20-JUL-2007 09:34:10 | Dark | 40.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 81 | 28160 | No |
| 106 | GOM_NL__2PRFIN20070720_093632_000000412060_00050_28160_0896.N1 | 20-JUL-2007 09:36:32 | Dark | 40.500 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 81 | 28160 | No |
| 107 | GOM_NL__2PRFIN20070720_095245_000000422060_00051_28161_0893.N1 | 20-JUL-2007 09:52:45 | Dark | 42.000 | 9 | Alp Eri | 0.45300 | 24000. | 84 | 28161 | No |
| 108 | GOM_NL__2PRFIN20070720_095555_000000372060_00051_28161_0894.N1 | 20-JUL-2007 09:55:55 | Dark | 36.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 73 | 28161 | No |
| 109 | GOM_NL__2PRFIN20070720_100010_000000422060_00051_28161_0895.N1 | 20-JUL-2007 10:00:10 | Straylight | 41.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 83 | 28161 | No |
| 110 | GOM_NL__2PRFIN20070720_100353_000000412060_00051_28161_0896.N1 | 20-JUL-2007 10:03:53 | Straylight | 40.500 | 45 | Alp Pav | 1.9400 | 26000. | 81 | 28161 | No |
| 111 | GOM_NL__2PRFIN20070720_101146_000000402060_00051_28161_0897.N1 | 20-JUL-2007 10:11:46 | Tw_i_and_stray | 40.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 80 | 28161 | No |
| 112 | GOM_NL__2PRFIN20070720_101341_000000372060_00051_28161_0898.N1 | 20-JUL-2007 10:13:41 | Bright | 37.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 74 | 28161 | No |
| 113 | GOM_NL__2PRFIN20070720_101502_000000382060_00051_28161_0899.N1 | 20-JUL-2007 10:15:02 | Bright | 37.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 75 | 28161 | No |
| 114 | GOM_NL__2PRFIN20070720_102258_000000362060_00051_28161_0900.N1 | 20-JUL-2007 10:22:58 | Bright | 35.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 71 | 28161 | No |
| 115 | GOM_NL__2PRFIN20070720_102516_000000372060_00051_28161_0901.N1 | 20-JUL-2007 10:25:16 | Bright | 37.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 74 | 28161 | No |
| 116 | GOM_NL__2PRFIN20070720_103227_000000272060_00051_28161_0902.N1 | 20-JUL-2007 10:32:27 | Bright | 27.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 54 | 28161 | No |
| 117 | GOM_NL__2PRFIN20070720_103556_000000382060_00051_28161_0903.N1 | 20-JUL-2007 10:35:56 | Bright | 38.000 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 76 | 28161 | No |
| 118 | GOM_NL__2PRFIN20070720_103922_000000352060_00051_28161_0904.N1 | 20-JUL-2007 10:39:22 | Bright | 34.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 69 | 28161 | No |
| 119 | GOM_NL__2PRFIN20070720_104336_000000522060_00051_28161_0905.N1 | 20-JUL-2007 10:43:36 | Bright | 52.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 104 | 28161 | No |
| 120 | GOM_NL__2PRFIN20070720_104656_000000362060_00051_28161_0906.N1 | 20-JUL-2007 10:46:56 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 28161 | No |
| 121 | GOM_NL__2PRFIN20070720_105926_000000382060_00051_28161_0907.N1 | 20-JUL-2007 10:59:26 | Bright | 38.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 76 | 28161 | No |
| 122 | GOM_NL__2PRFIN20070720_110317_000000432060_00051_28161_0908.N1 | 20-JUL-2007 11:03:17 | Bright | 43.000 | 114 | 3lot Aur | 2.6930 | 4600.0 | 86 | 28161 | No |
| 123 | GOM_NL__2PRFIN20070720_111232_000000362060_00051_28161_0909.N1 | 20-JUL-2007 11:12:32 | Dark | 36.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 72 | 28161 | No |
| 124 | GOM_NL__2PRFIN20070720_111446_000000372060_00051_28161_0910.N1 | 20-JUL-2007 11:14:46 | Dark | 36.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 73 | 28161 | No |
| 125 | GOM_NL__2PRFIN20070720_111709_000000392060_00051_28161_0911.N1 | 20-JUL-2007 11:17:09 | Dark | 39.000 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 78 | 28161 | No |
| 126 | GOM_NL__2PRFIN20070720_113322_000000392060_00052_28162_0910.N1 | 20-JUL-2007 11:33:22 | Dark | 39.000 | 9 | Alp Eri | 0.45300 | 24000. | 78 | 28162 | No |
| 127 | GOM_NL__2PRFIN20070720_113632_000000382060_00052_28162_0911.N1 | 20-JUL-2007 11:36:32 | Dark | 37.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 75 | 28162 | No |
| 128 | GOM_NL__2PRFIN20070720_114046_000000422060_00052_28162_0912.N1 | 20-JUL-2007 11:40:46 | Straylight | 41.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 83 | 28162 | No |
| 129 | GOM_NL__2PRFIN20070720_114429_000000392060_00052_28162_0913.N1 | 20-JUL-2007 11:44:29 | Straylight | 39.000 | 45 | Alp Pav | 1.9400 | 26000. | 78 | 28162 | No |
| 130 | GOM_NL__2PRFIN20070720_115223_000000382060_00052_28162_0914.N1 | 20-JUL-2007 11:52:23 | Tw_i_and_stray | 38.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 76 | 28162 | No |
| 131 | GOM_NL__2PRFIN20070720_115417_000000392060_00052_28162_0915.N1 | 20-JUL-2007 11:54:17 | Bright | 38.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 77 | 28162 | No |
| 132 | GOM_NL__2PRFIN20070720_115538_000000372060_00052_28162_0916.N1 | 20-JUL-2007 11:55:38 | Bright | 37.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 74 | 28162 | No |
| 133 | GOM_NL__2PRFIN20070720_120334_000000372060_00052_28162_0917.N1 | 20-JUL-2007 12:03:34 | Bright | 36.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 73 | 28162 | No |
| 134 | GOM_NL__2PRFIN20070720_120552_000000362060_00052_28162_0918.N1 | 20-JUL-2007 12:05:52 | Bright | 36.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 72 | 28162 | No |
| 135 | GOM_NL__2PRFIN20070720_121303_000000352060_00052_28162_0919.N1 | 20-JUL-2007 12:13:03 | Bright | 34.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 69 | 28162 | No |
| 136 | GOM_NL__2PRFIN20070720_121632_000000392060_00052_28162_0920.N1 | 20-JUL-2007 12:16:32 | Bright | 38.500 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 77 | 28162 | No |
| 137 | GOM_NL__2PRFIN20070720_121958_000000362060_00052_28162_0921.N1 | 20-JUL-2007 12:19:58 | Bright | 35.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 71 | 28162 | No |
| 138 | GOM_NL__2PRFIN20070720_122412_000000342060_00052_28162_0922.N1 | 20-JUL-2007 12:24:12 | Bright | 34.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 68 | 28162 | No |
| 139 | GOM_NL__2PRFIN20070720_122732_000000362060_00052_28162_0923.N1 | 20-JUL-2007 12:27:32 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 28162 | No |
| 140 | GOM_NL__2PRFIN20070720_124002_000000382060_00052_28162_0924.N1 | 20-JUL-2007 12:40:02 | Bright | 37.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 75 | 28162 | No |
| 141 | GOM_NL__2PRFIN20070720_124353_000000382060_00052_28162_0925.N1 | 20-JUL-2007 12:43:53 | Bright | 37.500 | 114 | 3lot Aur | 2.6930 | 4600.0 | 75 | 28162 | No |
| 142 | GOM_NL__2PRFIN20070720_125308_000000362060_00052_28162_0926.N1 | 20-JUL-2007 12:53:08 | Dark | 36.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 72 | 28162 | No |
| 143 | GOM_NL__2PRFIN20070720_125522_000000372060_00052_28162_0927.N1 | 20-JUL-2007 12:55:22 | Dark | 37.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 74 | 28162 | No |
| 144 | GOM_NL__2PRFIN20070720_125745_000000362060_00052_28162_0928.N1 | 20-JUL-2007 12:57:45 | Dark | 36.000 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 72 | 28162 | No |
| 145 | GOM_NL__2PRFIN20070720_131358_000000392060_00053_28163_0924.N1 | 20-JUL-2007 13:13:58 | Dark | 39.000 | 9 | Alp Eri | 0.45300 | 24000. | 78 | 28163 | No |
| 146 | GOM_NL__2PRFIN20070720_131708_000000382060_00053_28163_0925.N1 | 20-JUL-2007 13:17:08 | Dark | 37.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 75 | 28163 | No |
| 147 | GOM_NL__2PRFIN20070720_132123_000000412060_00053_28163_0926.N1 | 20-JUL-2007 13:21:23 | Straylight | 41.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 82 | 28163 | No |
| 148 | GOM_NL__2PRFIN20070720_132505_000000402060_00053_28163_0927.N1 | 20-JUL-2007 13:25:05 | Straylight | 39.500 | 45 | Alp Pav | 1.9400 | 26000. | 79 | 28163 | No |
| 149 | GOM_NL__2PRFIN20070720_133259_000000382060_00053_28163_0928.N1 | 20-JUL-2007 13:32:59 | Tw_i_and_stray | 38.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 76 | 28163 | No |
| 150 | GOM_NL__2PRFIN20070720_133452_000000382060_00053_28163_0929.N1 | 20-JUL-2007 13:34:52 | Bright | 37.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 75 | 28163 | No |
| 151 | GOM_NL__2PRFIN20070720_133614_000000382060_00053_28163_0930.N1 | 20-JUL-2007 13:36:14 | Bright | 37.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 75 | 28163 | No |
| 152 | GOM_NL__2PRFIN20070720_134410_000000352060_00053_28163_0931.N1 | 20-JUL-2007 13:44:10 | Bright | 35.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 70 | 28163 | No |
| 153 | GOM_NL__2PRFIN20070720_134628_000000372060_00053_28163_0932.N1 | 20-JUL-2007 13:46:28 | Bright | 36.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 73 | 28163 | No |
| 154 | GOM_NL__2PRFIN20070720_135339_000000342060_00053_28163_0933.N1 | 20-JUL-2007 13:53:39 | Bright | 34.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 68 | 28163 | No |
| 155 | GOM_NL__2PRFIN20070720_135708_000000392060_00053_28163_0934.N1 | 20-JUL-2007 13:57:08 | Bright | 38.500 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 77 | 28163 | No |
| 156 | GOM_NL__2PRFIN20070720_140034_000000362060_00053_28163_0935.N1 | 20-JUL-2007 14:00:34 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 28163 | No |
| 157 | GOM_NL__2PRFIN20070720_140448_000000382060_00053_28163_0936.N1 | 20-JUL-2007 14:04:48 | Bright | 38.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 76 | 28163 | No |
| 158 | GOM_NL__2PRFIN20070720_140808_000000352060_00053_28163_0937.N1 | 20-JUL-2007 14:08:08 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 28163 | No |
| 159 | GOM_NL__2PRFIN20070720_142038_000000472060_00053_28163_0938.N1 | 20-JUL-2007 14:20:38 | Bright | 46.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 93 | 28163 | No |
| 160 | GOM_NL__2PRFIN20070720_142429_000000472060_00053_28163_0939.N1 | 20-JUL-2007 14:24:29 | Bright | 47.000 | 114 | 3lot Aur | 2.6930 | 4600.0 | 94 | 28163 | No |

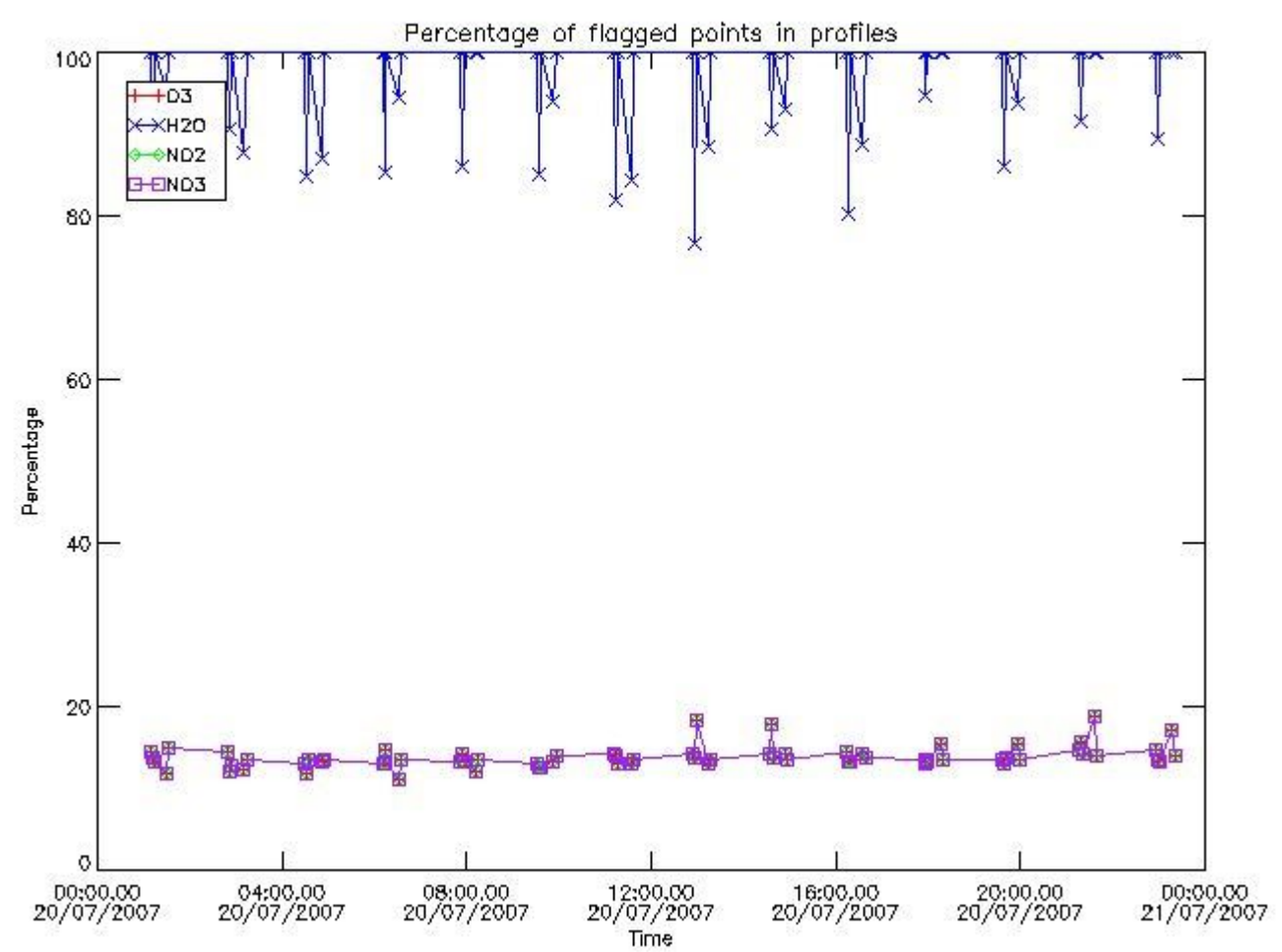
| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|----|-------|----|
| 161 | GOM_NL__2PRFIN20070720_143344_000000362060_00053_28163_0940.N1 | 20-JUL-2007 14:33:44 | Dark | 36.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 72 | 28163 | No |
| 162 | GOM_NL__2PRFIN20070720_143558_000000432060_00053_28163_0941.N1 | 20-JUL-2007 14:35:58 | Dark | 42.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 85 | 28163 | No |
| 163 | GOM_NL__2PRFIN20070720_143821_000000372060_00053_28163_0942.N1 | 20-JUL-2007 14:38:21 | Dark | 37.000 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 74 | 28163 | No |
| 164 | GOM_NL__2PRFIN20070720_145435_000000362060_00054_28164_0950.N1 | 20-JUL-2007 14:54:35 | Dark | 36.000 | 9 | Alp Eri | 0.45300 | 24000. | 72 | 28164 | No |
| 165 | GOM_NL__2PRFIN20070720_145744_000000382060_00054_28164_0951.N1 | 20-JUL-2007 14:57:44 | Dark | 38.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 76 | 28164 | No |
| 166 | GOM_NL__2PRFIN20070720_150159_000000462060_00054_28164_0952.N1 | 20-JUL-2007 15:01:59 | Straylight | 45.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 91 | 28164 | No |
| 167 | GOM_NL__2PRFIN20070720_150541_000000392060_00054_28164_0953.N1 | 20-JUL-2007 15:05:41 | Straylight | 39.000 | 45 | Alp Pav | 1.9400 | 26000. | 78 | 28164 | No |
| 168 | GOM_NL__2PRFIN20070720_151335_000000422060_00054_28164_0954.N1 | 20-JUL-2007 15:13:35 | Bright | 42.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 84 | 28164 | No |
| 169 | GOM_NL__2PRFIN20070720_151529_000000392060_00054_28164_0955.N1 | 20-JUL-2007 15:15:29 | Bright | 38.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 77 | 28164 | No |
| 170 | GOM_NL__2PRFIN20070720_151650_000000392060_00054_28164_0956.N1 | 20-JUL-2007 15:16:50 | Bright | 38.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 77 | 28164 | No |
| 171 | GOM_NL__2PRFIN20070720_152446_000000362060_00054_28164_0957.N1 | 20-JUL-2007 15:24:46 | Bright | 36.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 72 | 28164 | No |
| 172 | GOM_NL__2PRFIN20070720_152704_000000352060_00054_28164_0958.N1 | 20-JUL-2007 15:27:04 | Bright | 34.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 69 | 28164 | No |
| 173 | GOM_NL__2PRFIN20070720_153414_000000412060_00054_28164_0959.N1 | 20-JUL-2007 15:34:14 | Bright | 41.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 82 | 28164 | No |
| 174 | GOM_NL__2PRFIN20070720_153744_000000352060_00054_28164_0960.N1 | 20-JUL-2007 15:37:44 | Bright | 34.500 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 69 | 28164 | No |
| 175 | GOM_NL__2PRFIN20070720_154110_000000362060_00054_28164_0961.N1 | 20-JUL-2007 15:41:10 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 28164 | No |
| 176 | GOM_NL__2PRFIN20070720_154525_000000342060_00054_28164_0962.N1 | 20-JUL-2007 15:45:25 | Bright | 34.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 68 | 28164 | No |
| 177 | GOM_NL__2PRFIN20070720_154844_000000352060_00054_28164_0963.N1 | 20-JUL-2007 15:48:44 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 28164 | No |
| 178 | GOM_NL__2PRFIN20070720_160114_000000362060_00054_28164_0964.N1 | 20-JUL-2007 16:01:14 | Bright | 35.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 71 | 28164 | No |
| 179 | GOM_NL__2PRFIN20070720_160506_000000412060_00054_28164_0965.N1 | 20-JUL-2007 16:05:06 | Bright | 41.000 | 114 | 3lot Aur | 2.6930 | 4600.0 | 82 | 28164 | No |
| 180 | GOM_NL__2PRFIN20070720_161420_000000392060_00054_28164_0966.N1 | 20-JUL-2007 16:14:20 | Dark | 38.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 77 | 28164 | No |
| 181 | GOM_NL__2PRFIN20070720_161634_000000392060_00054_28164_0967.N1 | 20-JUL-2007 16:16:34 | Dark | 38.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 77 | 28164 | No |
| 182 | GOM_NL__2PRFIN20070720_161857_000000392060_00054_28164_0968.N1 | 20-JUL-2007 16:18:57 | Dark | 38.500 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 77 | 28164 | No |
| 183 | GOM_NL__2PRFIN20070720_163511_000000362060_00055_28165_0961.N1 | 20-JUL-2007 16:35:11 | Dark | 36.000 | 9 | Alp Eri | 0.45300 | 24000. | 72 | 28165 | No |
| 184 | GOM_NL__2PRFIN20070720_163820_000000372060_00055_28165_0962.N1 | 20-JUL-2007 16:38:20 | Dark | 37.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 74 | 28165 | No |
| 185 | GOM_NL__2PRFIN20070720_164236_000000402060_00055_28165_0963.N1 | 20-JUL-2007 16:42:36 | Straylight | 40.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 80 | 28165 | No |
| 186 | GOM_NL__2PRFIN20070720_164618_000000412060_00055_28165_0964.N1 | 20-JUL-2007 16:46:18 | Straylight | 40.500 | 45 | Alp Pav | 1.9400 | 26000. | 81 | 28165 | No |
| 187 | GOM_NL__2PRFIN20070720_165411_000000392060_00055_28165_0965.N1 | 20-JUL-2007 16:54:11 | Tw_i_and_stray | 38.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 77 | 28165 | No |
| 188 | GOM_NL__2PRFIN20070720_165605_000000402060_00055_28165_0966.N1 | 20-JUL-2007 16:56:05 | Bright | 39.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 79 | 28165 | No |
| 189 | GOM_NL__2PRFIN20070720_165726_000000382060_00055_28165_0967.N1 | 20-JUL-2007 16:57:26 | Bright | 38.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 76 | 28165 | No |
| 190 | GOM_NL__2PRFIN20070720_170523_000000352060_00055_28165_0968.N1 | 20-JUL-2007 17:05:23 | Bright | 35.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 70 | 28165 | No |
| 191 | GOM_NL__2PRFIN20070720_170741_000000372060_00055_28165_0969.N1 | 20-JUL-2007 17:07:41 | Bright | 37.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 74 | 28165 | No |
| 192 | GOM_NL__2PRFIN20070720_171450_000000402060_00055_28165_0970.N1 | 20-JUL-2007 17:14:50 | Bright | 39.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 79 | 28165 | No |
| 193 | GOM_NL__2PRFIN20070720_171820_000000372060_00055_28165_0971.N1 | 20-JUL-2007 17:18:20 | Bright | 36.500 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 73 | 28165 | No |
| 194 | GOM_NL__2PRFIN20070720_172147_000000342060_00055_28165_0972.N1 | 20-JUL-2007 17:21:47 | Bright | 34.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 68 | 28165 | No |
| 195 | GOM_NL__2PRFIN20070720_172601_000000382060_00055_28165_0973.N1 | 20-JUL-2007 17:26:01 | Bright | 38.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 76 | 28165 | No |
| 196 | GOM_NL__2PRFIN20070720_172920_000000382060_00055_28165_0974.N1 | 20-JUL-2007 17:29:20 | Bright | 37.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 75 | 28165 | No |
| 197 | GOM_NL__2PRFIN20070720_174150_000000382060_00055_28165_0975.N1 | 20-JUL-2007 17:41:50 | Bright | 37.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 75 | 28165 | No |
| 198 | GOM_NL__2PRFIN20070720_174542_000000362060_00055_28165_0976.N1 | 20-JUL-2007 17:45:42 | Bright | 36.000 | 114 | 3lot Aur | 2.6930 | 4600.0 | 72 | 28165 | No |
| 199 | GOM_NL__2PRFIN20070720_175456_000000382060_00055_28165_0977.N1 | 20-JUL-2007 17:54:56 | Dark | 38.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 76 | 28165 | No |
| 200 | GOM_NL__2PRFIN20070720_175711_000000392060_00055_28165_0978.N1 | 20-JUL-2007 17:57:11 | Dark | 39.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 78 | 28165 | No |
| 201 | GOM_NL__2PRFIN20070720_175933_000000392060_00055_28165_0979.N1 | 20-JUL-2007 17:59:33 | Dark | 38.500 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 77 | 28165 | No |
| 202 | GOM_NL__2PRFIN20070720_181548_000000332060_00056_28166_0996.N1 | 20-JUL-2007 18:15:48 | Dark | 33.000 | 9 | Alp Eri | 0.45300 | 24000. | 66 | 28166 | No |
| 203 | GOM_NL__2PRFIN20070720_181856_000000382060_00056_28166_0997.N1 | 20-JUL-2007 18:18:56 | Dark | 38.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 76 | 28166 | No |
| 204 | GOM_NL__2PRFIN20070720_182312_000000402060_00056_28166_0998.N1 | 20-JUL-2007 18:23:12 | Straylight | 40.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 80 | 28166 | No |
| 205 | GOM_NL__2PRFIN20070720_182654_000000382060_00056_28166_0999.N1 | 20-JUL-2007 18:26:54 | Straylight | 38.000 | 45 | Alp Pav | 1.9400 | 26000. | 76 | 28166 | No |
| 206 | GOM_NL__2PRFIN20070720_183447_000000442060_00056_28166_1000.N1 | 20-JUL-2007 18:34:47 | Bright | 44.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 88 | 28166 | No |
| 207 | GOM_NL__2PRFIN20070720_183641_000000392060_00056_28166_1001.N1 | 20-JUL-2007 18:36:41 | Bright | 39.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 78 | 28166 | No |
| 208 | GOM_NL__2PRFIN20070720_183802_000000392060_00056_28166_1002.N1 | 20-JUL-2007 18:38:02 | Bright | 38.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 77 | 28166 | No |
| 209 | GOM_NL__2PRFIN20070720_184559_000000382060_00056_28166_1003.N1 | 20-JUL-2007 18:45:59 | Bright | 38.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 76 | 28166 | No |
| 210 | GOM_NL__2PRFIN20070720_184817_000000352060_00056_28166_1004.N1 | 20-JUL-2007 18:48:17 | Bright | 35.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 70 | 28166 | No |
| 211 | GOM_NL__2PRFIN20070720_185526_000000382060_00056_28166_1005.N1 | 20-JUL-2007 18:55:26 | Bright | 38.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 76 | 28166 | No |
| 212 | GOM_NL__2PRFIN20070720_185856_000000352060_00056_28166_1006.N1 | 20-JUL-2007 18:58:56 | Bright | 34.500 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 69 | 28166 | No |
| 213 | GOM_NL__2PRFIN20070720_190223_000000382060_00056_28166_1007.N1 | 20-JUL-2007 19:02:23 | Bright | 37.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 75 | 28166 | No |
| 214 | GOM_NL__2PRFIN20070720_190637_000000342060_00056_28166_1008.N1 | 20-JUL-2007 19:06:37 | Bright | 33.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 67 | 28166 | No |
| 215 | GOM_NL__2PRFIN20070720_190956_000000362060_00056_28166_1009.N1 | 20-JUL-2007 19:09:56 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 28166 | No |
| 216 | GOM_NL__2PRFIN20070720_192226_000000402060_00056_28166_1010.N1 | 20-JUL-2007 19:22:26 | Bright | 39.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 79 | 28166 | No |
| 217 | GOM_NL__2PRFIN20070720_192618_000000422060_00056_28166_1011.N1 | 20-JUL-2007 19:26:18 | Bright | 42.000 | 114 | 3lot Aur | 2.6930 | 4600.0 | 84 | 28166 | No |
| 218 | GOM_NL__2PRFIN20070720_193533_000000382060_00056_28166_1012.N1 | 20-JUL-2007 19:35:33 | Dark | 37.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 75 | 28166 | No |
| 219 | GOM_NL__2PRFIN20070720_193747_000000402060_00056_28166_1013.N1 | 20-JUL-2007 19:37:47 | Dark | 39.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 79 | 28166 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 220 | GOM_NL__2PRFIN20070720_194009_000000372060_00056_28166_1014.N1 | 20-JUL-2007 19:40:09 | Dark | 37.000 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 74 | 28166 | No |
| 221 | GOM_NL__2PRFIN20070720_195625_000000332060_00057_28167_1012.N1 | 20-JUL-2007 19:56:25 | Dark | 33.000 | 9 | Alp Eri | 0.45300 | 24000. | 66 | 28167 | No |
| 222 | GOM_NL__2PRFIN20070720_195933_000000382060_00057_28167_1013.N1 | 20-JUL-2007 19:59:33 | Dark | 38.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 76 | 28167 | No |
| 223 | GOM_NL__2PRFIN20070720_200349_000000422060_00057_28167_1014.N1 | 20-JUL-2007 20:03:49 | Straylight | 41.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 83 | 28167 | No |
| 224 | GOM_NL__2PRFIN20070720_200730_000000382060_00057_28167_1015.N1 | 20-JUL-2007 20:07:30 | Straylight | 37.500 | 45 | Alp Pav | 1.9400 | 26000. | 75 | 28167 | No |
| 225 | GOM_NL__2PRFIN20070720_201523_000000442060_00057_28167_1016.N1 | 20-JUL-2007 20:15:23 | Bright | 43.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 87 | 28167 | No |
| 226 | GOM_NL__2PRFIN20070720_201717_000000372060_00057_28167_1017.N1 | 20-JUL-2007 20:17:17 | Bright | 36.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 73 | 28167 | No |
| 227 | GOM_NL__2PRFIN20070720_201838_000000382060_00057_28167_1018.N1 | 20-JUL-2007 20:18:38 | Bright | 38.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 76 | 28167 | No |
| 228 | GOM_NL__2PRFIN20070720_202635_000000362060_00057_28167_1019.N1 | 20-JUL-2007 20:26:35 | Bright | 35.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 71 | 28167 | No |
| 229 | GOM_NL__2PRFIN20070720_202853_000000352060_00057_28167_1020.N1 | 20-JUL-2007 20:28:53 | Bright | 35.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 70 | 28167 | No |
| 230 | GOM_NL__2PRFIN20070720_203602_000000372060_00057_28167_1021.N1 | 20-JUL-2007 20:36:02 | Bright | 36.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 73 | 28167 | No |
| 231 | GOM_NL__2PRFIN20070720_203932_000000352060_00057_28167_1022.N1 | 20-JUL-2007 20:39:32 | Bright | 34.500 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 69 | 28167 | No |
| 232 | GOM_NL__2PRFIN20070720_204259_000000362060_00057_28167_1023.N1 | 20-JUL-2007 20:42:59 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 28167 | No |
| 233 | GOM_NL__2PRFIN20070720_204713_000000382060_00057_28167_1024.N1 | 20-JUL-2007 20:47:13 | Bright | 37.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 75 | 28167 | No |
| 234 | GOM_NL__2PRFIN20070720_205032_000000362060_00057_28167_1025.N1 | 20-JUL-2007 20:50:32 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 28167 | No |
| 235 | GOM_NL__2PRFIN20070720_210303_000000532060_00057_28167_1026.N1 | 20-JUL-2007 21:03:03 | Bright | 53.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 106 | 28167 | No |
| 236 | GOM_NL__2PRFIN20070720_210654_000000392060_00057_28167_1027.N1 | 20-JUL-2007 21:06:54 | Bright | 38.500 | 114 | 3lot Aur | 2.6930 | 4600.0 | 77 | 28167 | No |
| 237 | GOM_NL__2PRFIN20070720_211609_000000352060_00057_28167_1028.N1 | 20-JUL-2007 21:16:09 | Dark | 34.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 69 | 28167 | No |
| 238 | GOM_NL__2PRFIN20070720_211823_000000362060_00057_28167_1029.N1 | 20-JUL-2007 21:18:23 | Dark | 36.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 72 | 28167 | No |
| 239 | GOM_NL__2PRFIN20070720_212046_000000362060_00057_28167_1030.N1 | 20-JUL-2007 21:20:46 | Dark | 36.000 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 72 | 28167 | No |
| 240 | GOM_NL__2PRFIN20070720_213701_000000302060_00058_28168_1021.N1 | 20-JUL-2007 21:37:01 | Dark | 30.000 | 9 | Alp Eri | 0.45300 | 24000. | 60 | 28168 | No |
| 241 | GOM_NL__2PRFIN20070720_214009_000000372060_00058_28168_1022.N1 | 20-JUL-2007 21:40:09 | Dark | 36.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 73 | 28168 | No |
| 242 | GOM_NL__2PRFIN20070720_214425_000000442060_00058_28168_1023.N1 | 20-JUL-2007 21:44:25 | Straylight | 44.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 88 | 28168 | No |
| 243 | GOM_NL__2PRFIN20070720_214807_000000382060_00058_28168_1024.N1 | 20-JUL-2007 21:48:07 | Straylight | 38.000 | 45 | Alp Pav | 1.9400 | 26000. | 76 | 28168 | No |
| 244 | GOM_NL__2PRFIN20070720_215559_000000402060_00058_28168_1025.N1 | 20-JUL-2007 21:55:59 | Bright | 40.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 80 | 28168 | No |
| 245 | GOM_NL__2PRFIN20070720_215753_000000382060_00058_28168_1026.N1 | 20-JUL-2007 21:57:53 | Bright | 38.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 76 | 28168 | No |
| 246 | GOM_NL__2PRFIN20070720_215914_000000382060_00058_28168_1027.N1 | 20-JUL-2007 21:59:14 | Bright | 37.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 75 | 28168 | No |
| 247 | GOM_NL__2PRFIN20070720_220711_000000362060_00058_28168_1028.N1 | 20-JUL-2007 22:07:11 | Bright | 35.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 71 | 28168 | No |
| 248 | GOM_NL__2PRFIN20070720_220929_000000372060_00058_28168_1029.N1 | 20-JUL-2007 22:09:29 | Bright | 36.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 73 | 28168 | No |
| 249 | GOM_NL__2PRFIN20070720_221638_000000352060_00058_28168_1030.N1 | 20-JUL-2007 22:16:38 | Bright | 34.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 69 | 28168 | No |
| 250 | GOM_NL__2PRFIN20070720_222007_000000372060_00058_28168_1031.N1 | 20-JUL-2007 22:20:07 | Bright | 36.500 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 73 | 28168 | No |
| 251 | GOM_NL__2PRFIN20070720_222335_000000372060_00058_28168_1032.N1 | 20-JUL-2007 22:23:35 | Bright | 36.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 73 | 28168 | No |
| 252 | GOM_NL__2PRFIN20070720_222749_000000332060_00058_28168_1033.N1 | 20-JUL-2007 22:27:49 | Bright | 32.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 65 | 28168 | No |
| 253 | GOM_NL__2PRFIN20070720_223108_000000372060_00058_28168_1034.N1 | 20-JUL-2007 22:31:08 | Bright | 36.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 73 | 28168 | No |
| 254 | GOM_NL__2PRFIN20070720_224338_000000372060_00058_28168_1035.N1 | 20-JUL-2007 22:43:38 | Bright | 37.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 74 | 28168 | No |
| 255 | GOM_NL__2PRFIN20070720_224730_000000542060_00058_28168_1036.N1 | 20-JUL-2007 22:47:30 | Bright | 54.000 | 114 | 3lot Aur | 2.6930 | 4600.0 | 108 | 28168 | No |
| 256 | GOM_NL__2PRFIN20070720_225645_000000352060_00058_28168_1037.N1 | 20-JUL-2007 22:56:45 | Dark | 34.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 69 | 28168 | No |
| 257 | GOM_NL__2PRFIN20070720_225859_000000382060_00058_28168_1038.N1 | 20-JUL-2007 22:58:59 | Dark | 38.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 76 | 28168 | No |
| 258 | GOM_NL__2PRFIN20070720_230122_000000392060_00058_28168_1039.N1 | 20-JUL-2007 23:01:22 | Dark | 38.500 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 77 | 28168 | No |
| 259 | GOM_NL__2PRFIN20070720_231738_000000302060_00059_28169_1050.N1 | 20-JUL-2007 23:17:38 | Dark | 30.000 | 9 | Alp Eri | 0.45300 | 24000. | 60 | 28169 | No |
| 260 | GOM_NL__2PRFIN20070720_232045_000000372060_00059_28169_1051.N1 | 20-JUL-2007 23:20:45 | Dark | 36.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 73 | 28169 | No |
| 261 | GOM_NL__2PRFIN20070720_232501_000000402060_00059_28169_1052.N1 | 20-JUL-2007 23:25:01 | Straylight | 40.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 80 | 28169 | No |
| 262 | GOM_NL__2PRFIN20070720_232843_000000372060_00059_28169_1053.N1 | 20-JUL-2007 23:28:43 | Straylight | 37.000 | 45 | Alp Pav | 1.9400 | 26000. | 74 | 28169 | No |
| 263 | GOM_NL__2PRFIN20070720_233635_000000392060_00059_28169_1054.N1 | 20-JUL-2007 23:36:35 | Bright | 39.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 78 | 28169 | No |
| 264 | GOM_NL__2PRFIN20070720_233829_000000392060_00059_28169_1055.N1 | 20-JUL-2007 23:38:29 | Bright | 38.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 77 | 28169 | No |
| 265 | GOM_NL__2PRFIN20070720_233950_000000382060_00059_28169_1056.N1 | 20-JUL-2007 23:39:50 | Bright | 38.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 76 | 28169 | No |
| 266 | GOM_NL__2PRFIN20070720_234747_000000372060_00059_28169_1057.N1 | 20-JUL-2007 23:47:47 | Bright | 37.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 74 | 28169 | No |
| 267 | GOM_NL__2PRFIN20070720_235005_000000362060_00059_28169_1058.N1 | 20-JUL-2007 23:50:05 | Bright | 36.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 72 | 28169 | No |
| 268 | GOM_NL__2PRFIN20070720_235714_000000372060_00059_28169_1059.N1 | 20-JUL-2007 23:57:14 | Bright | 37.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 74 | 28169 | No |

3. Quality information per product

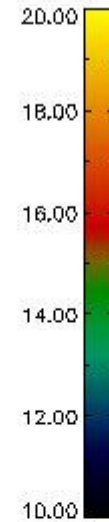
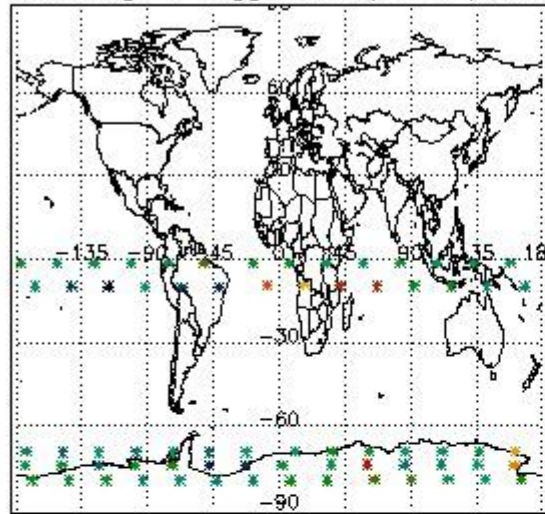
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

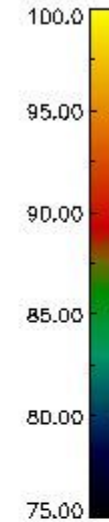
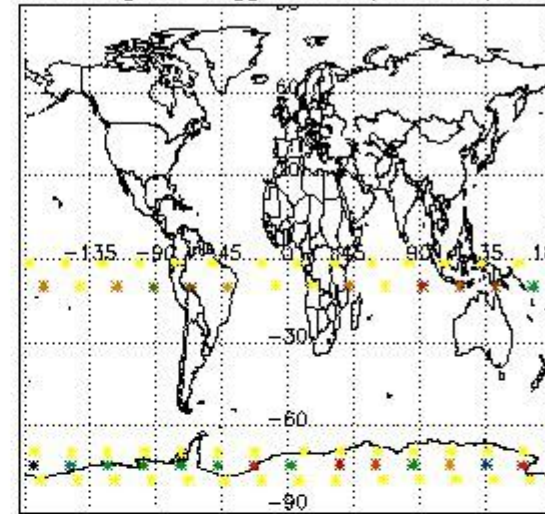


3.2 Plot quality information per product (world map)

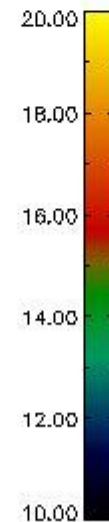
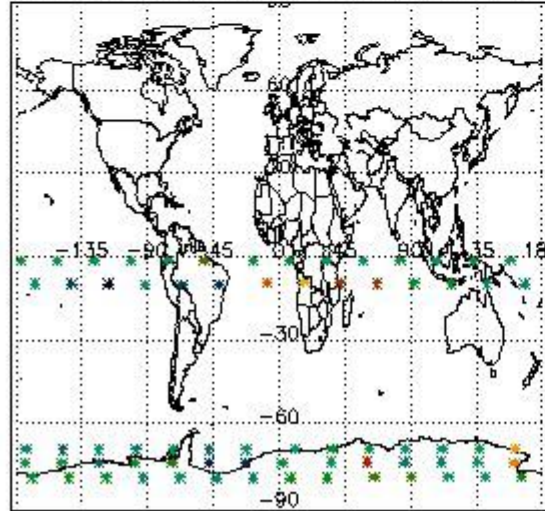
Percentage of flagged data per O3 profile



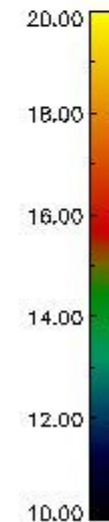
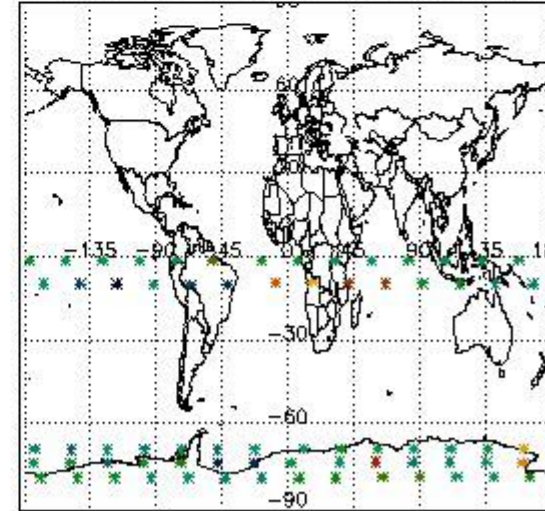
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

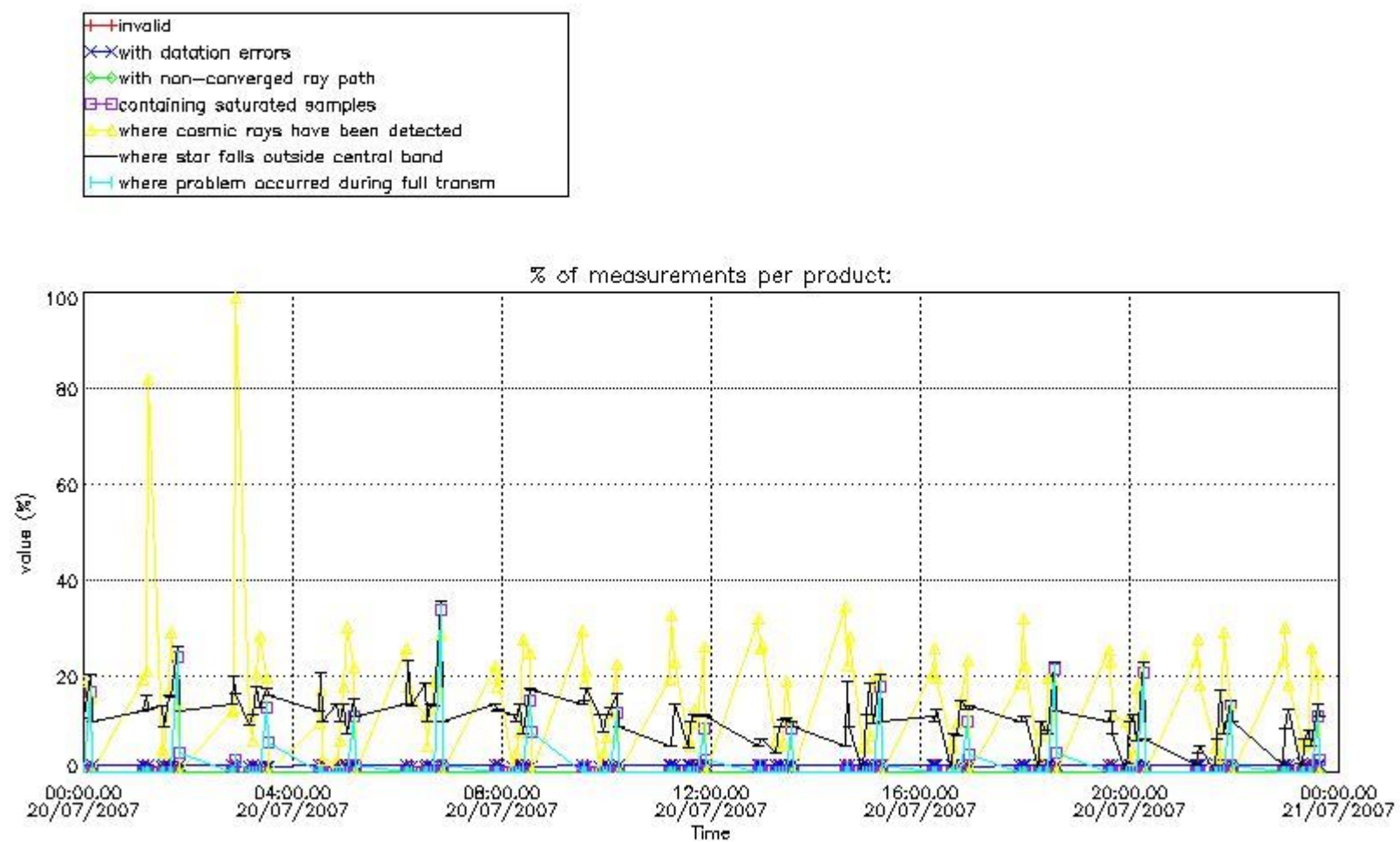


4. Level 1 quality information per product

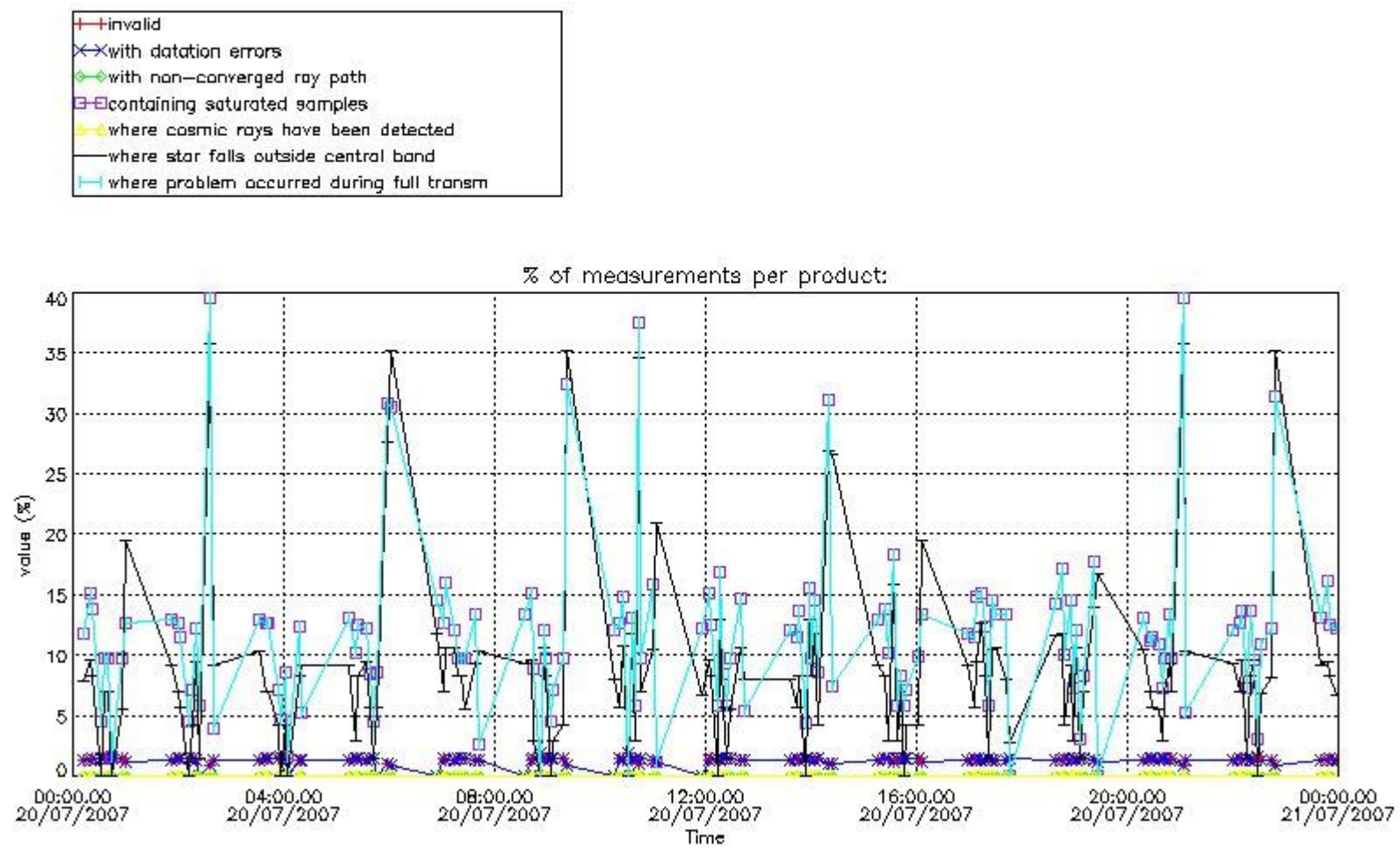
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

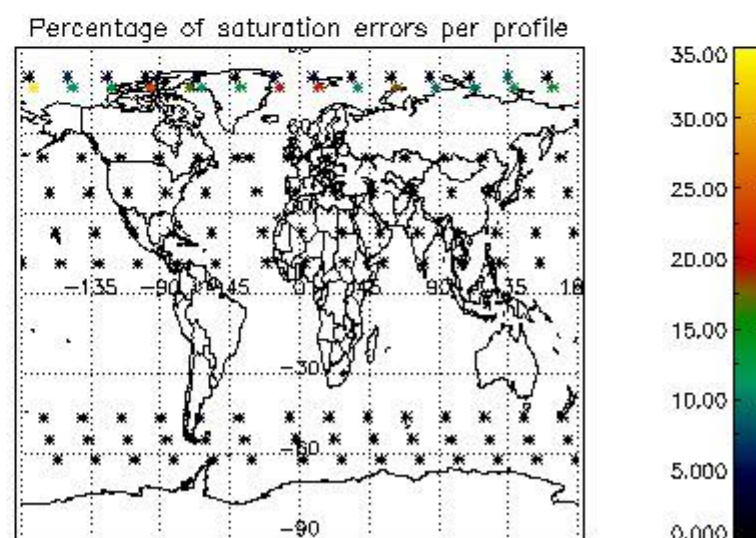
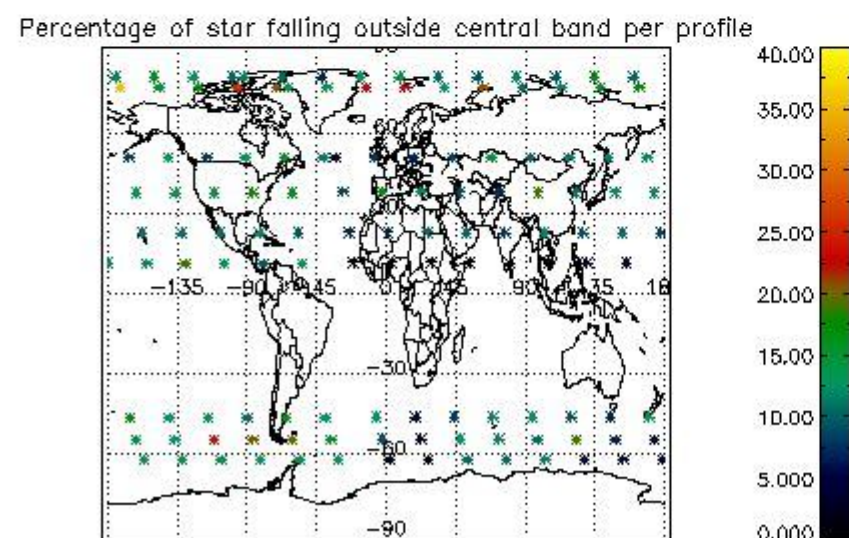
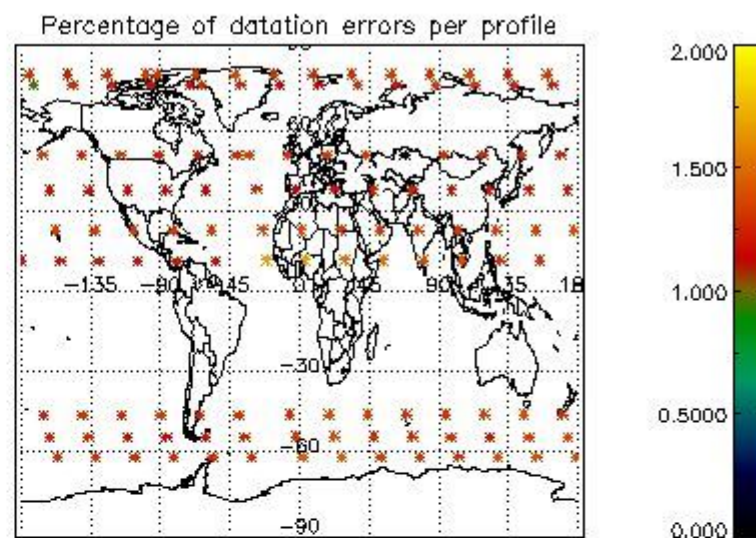
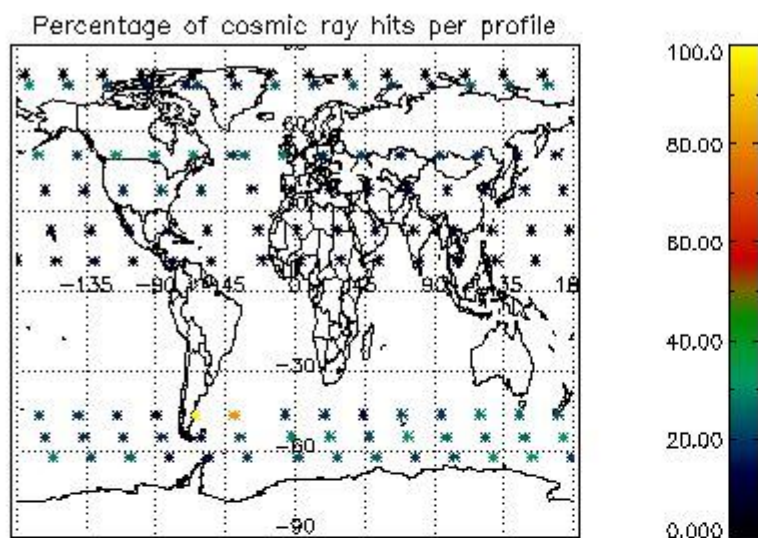


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

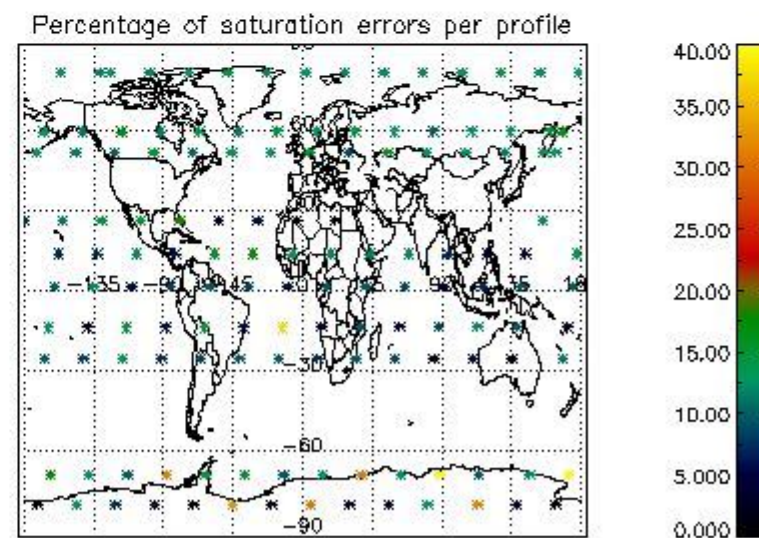
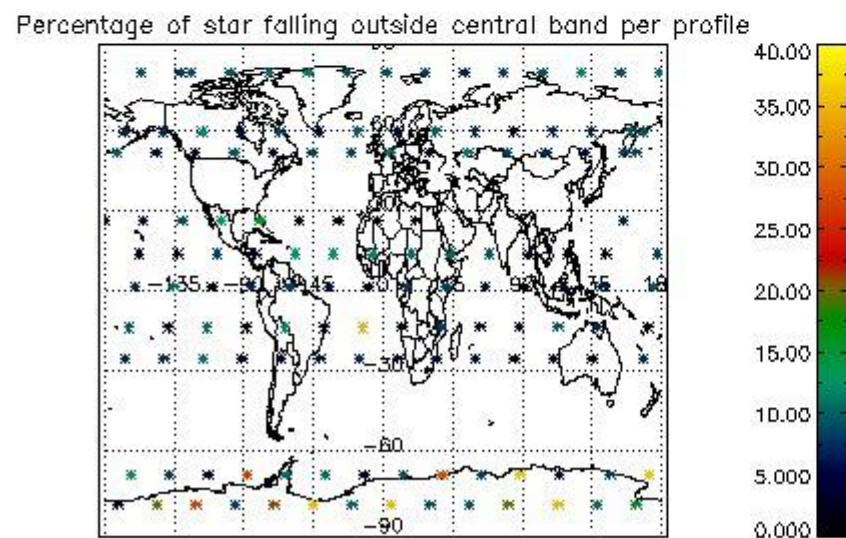
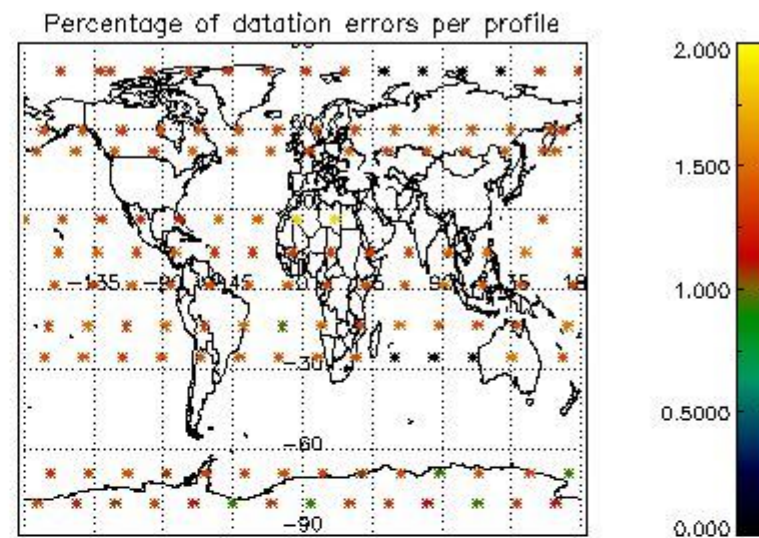
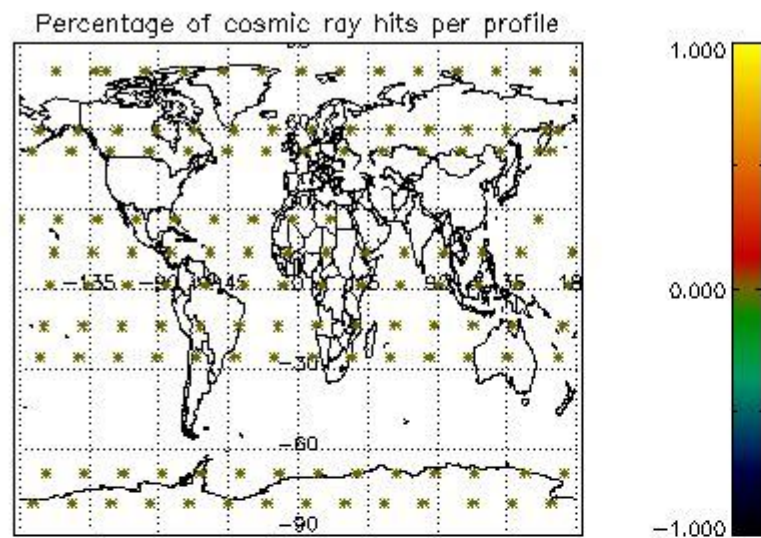


4.2 Plot quality information per product coming from level 1b processing (world map)

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

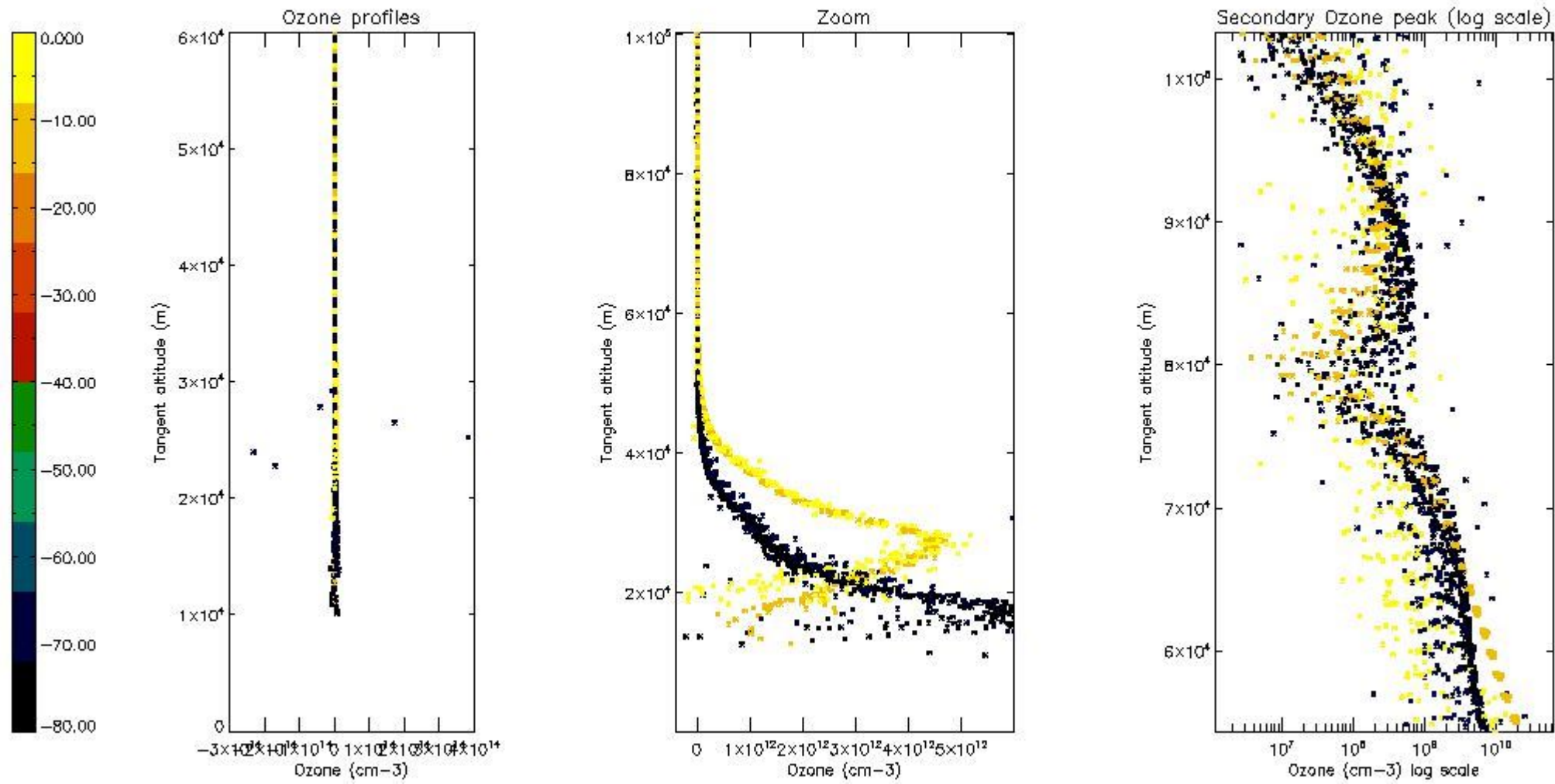
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 27 |
| STD < 20 | 16 |

| | |
|----------|----|
| STD < 10 | 13 |
| STD < 5 | 9 |

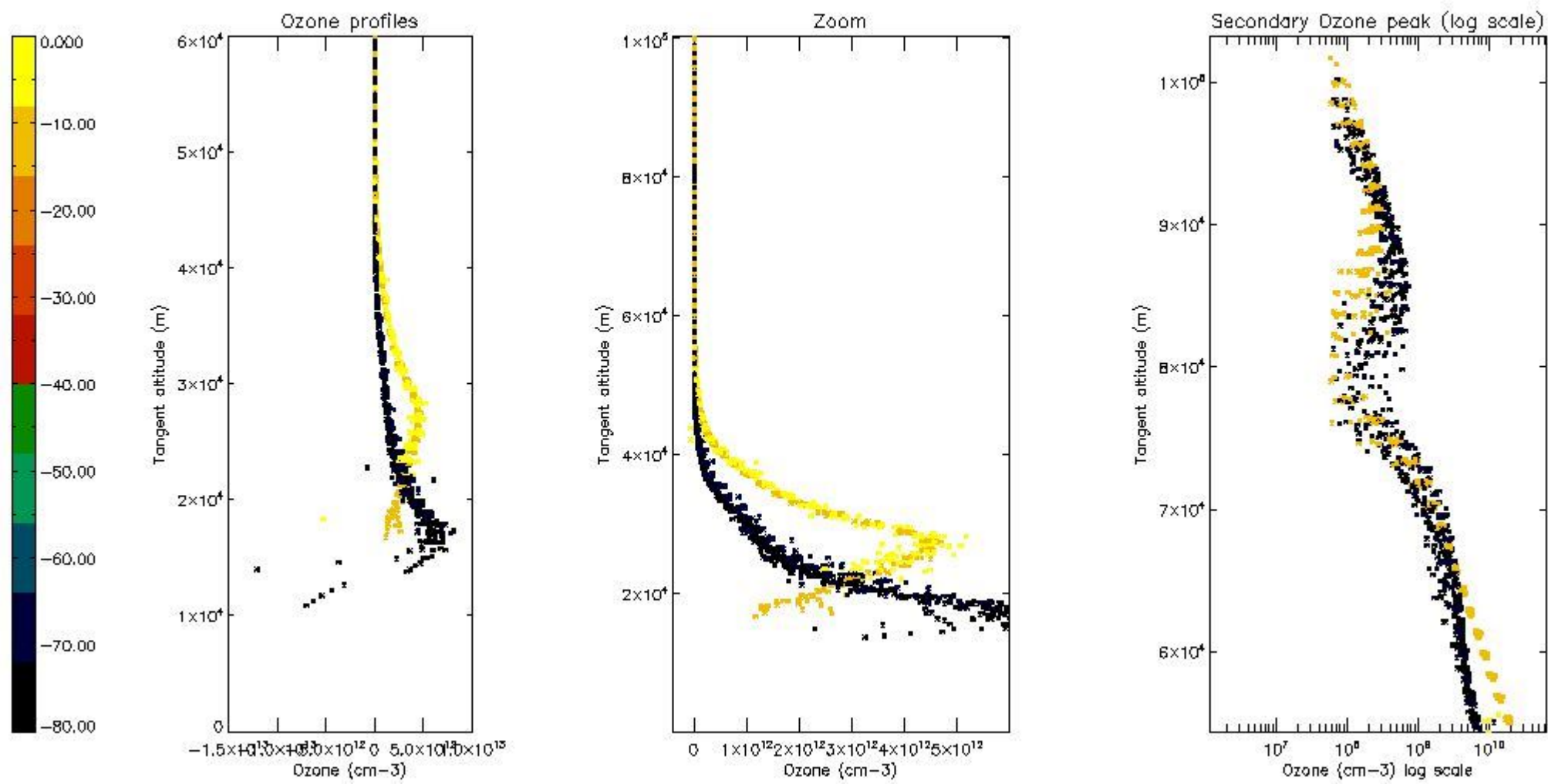
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



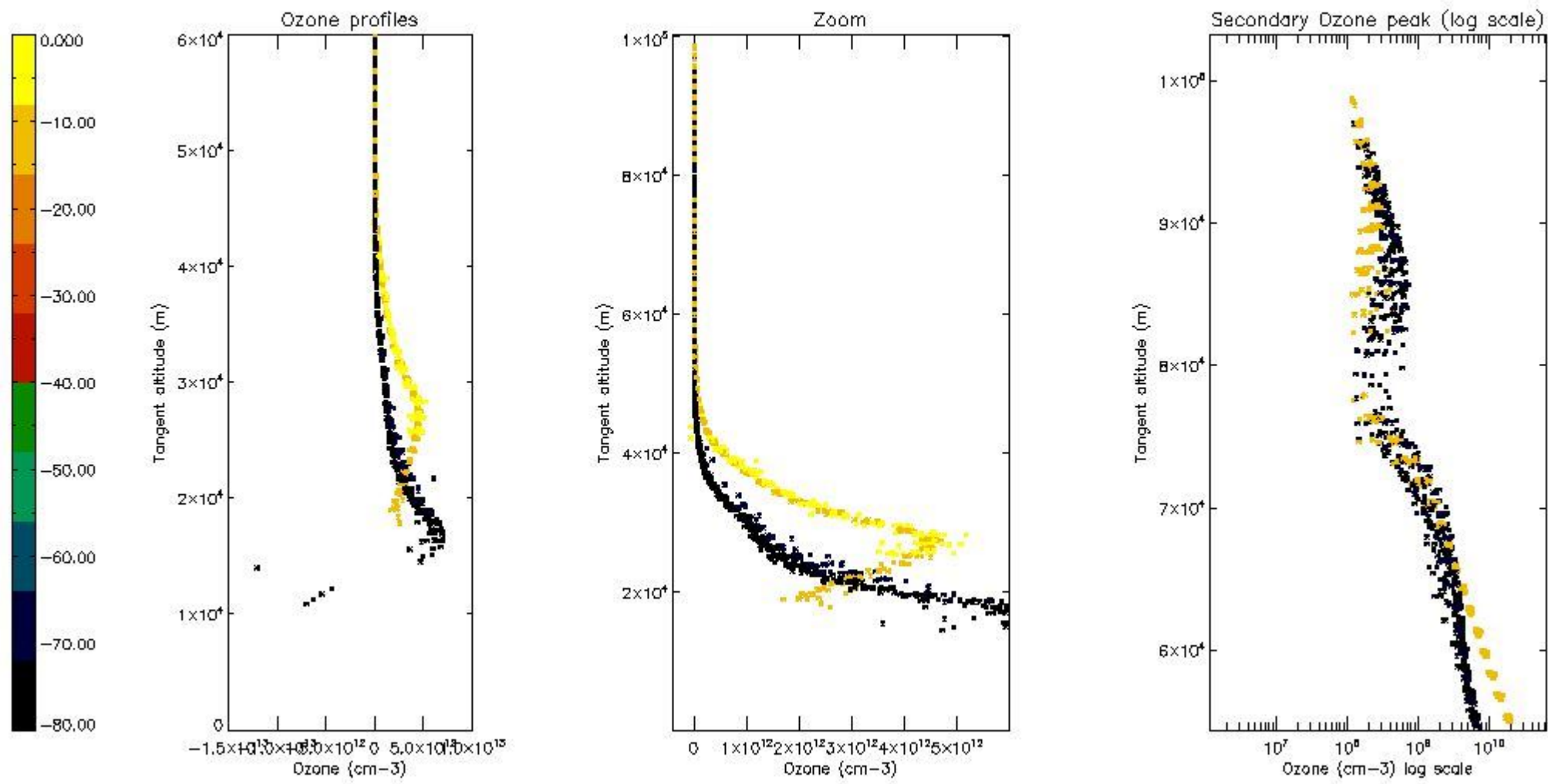
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



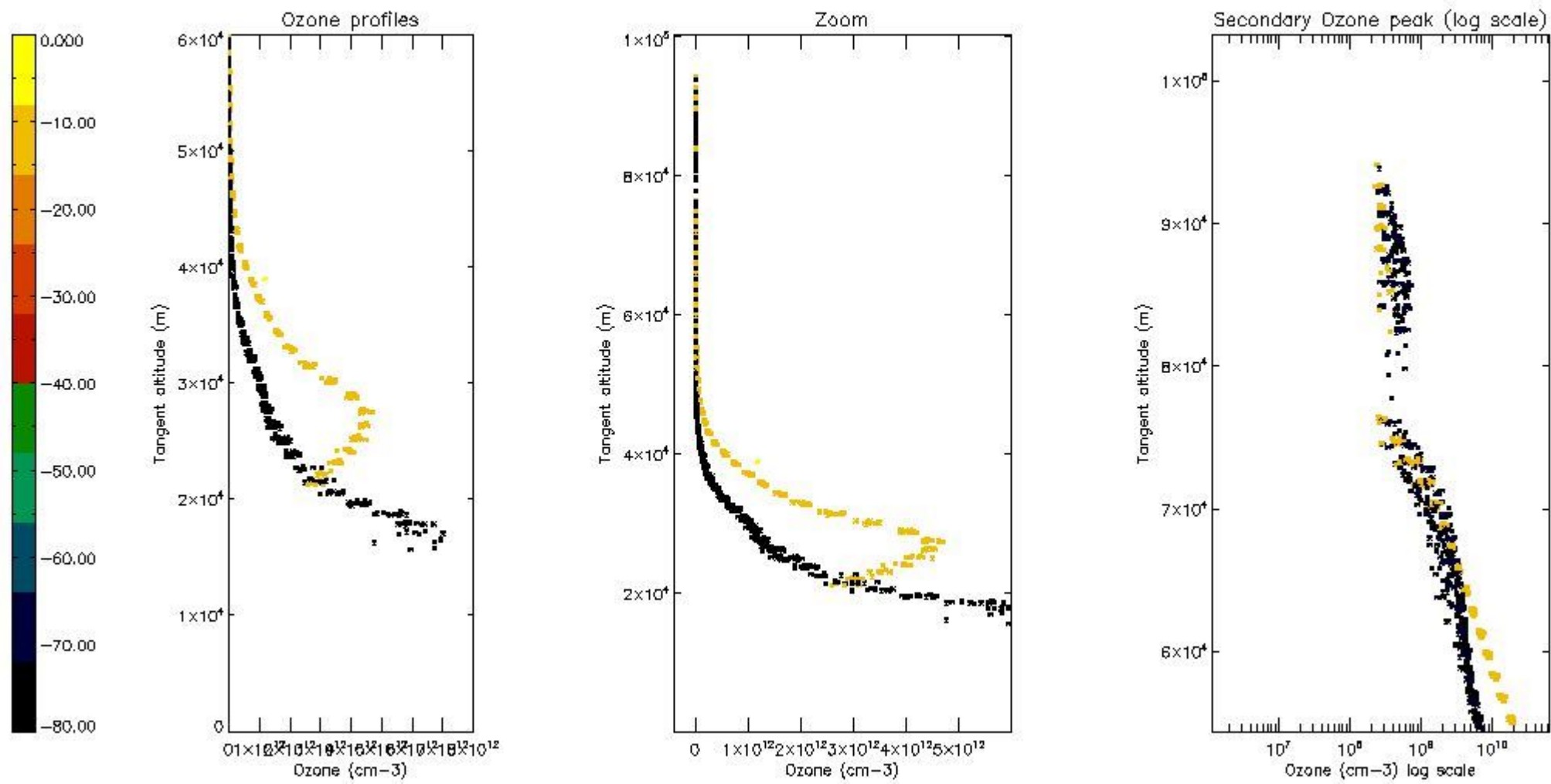
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



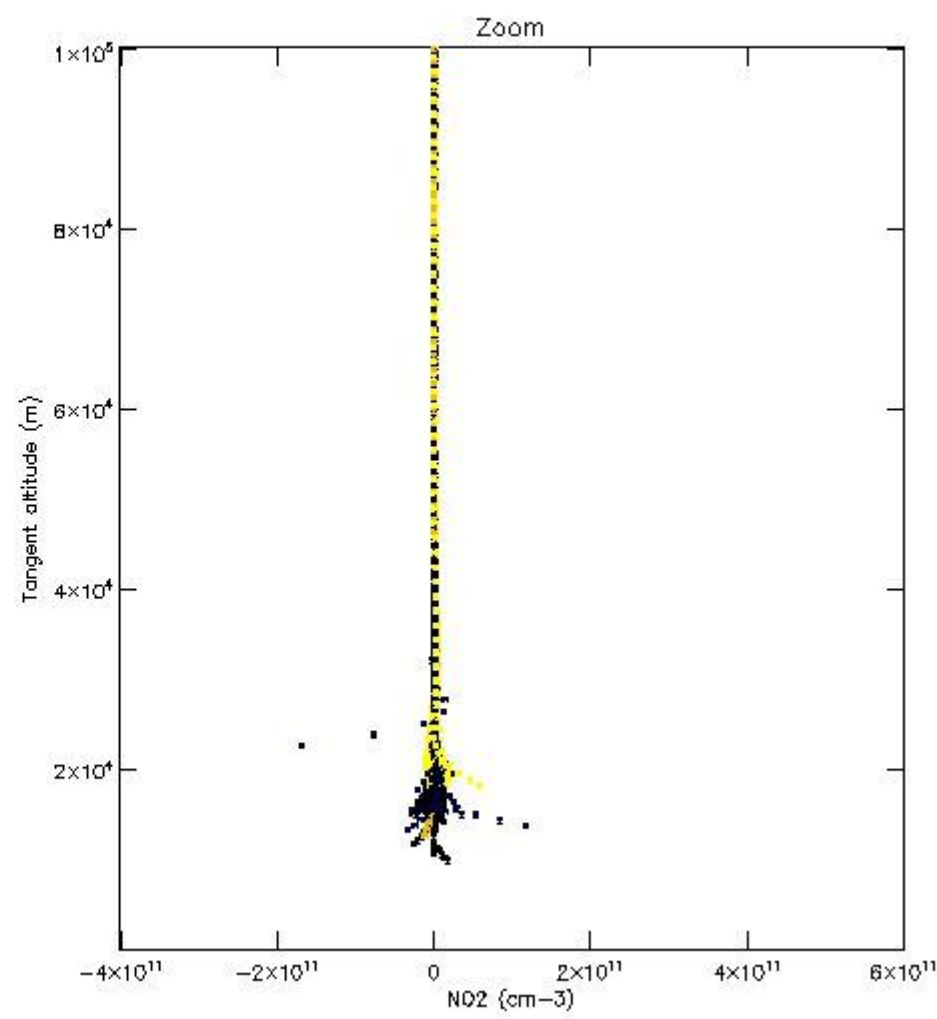
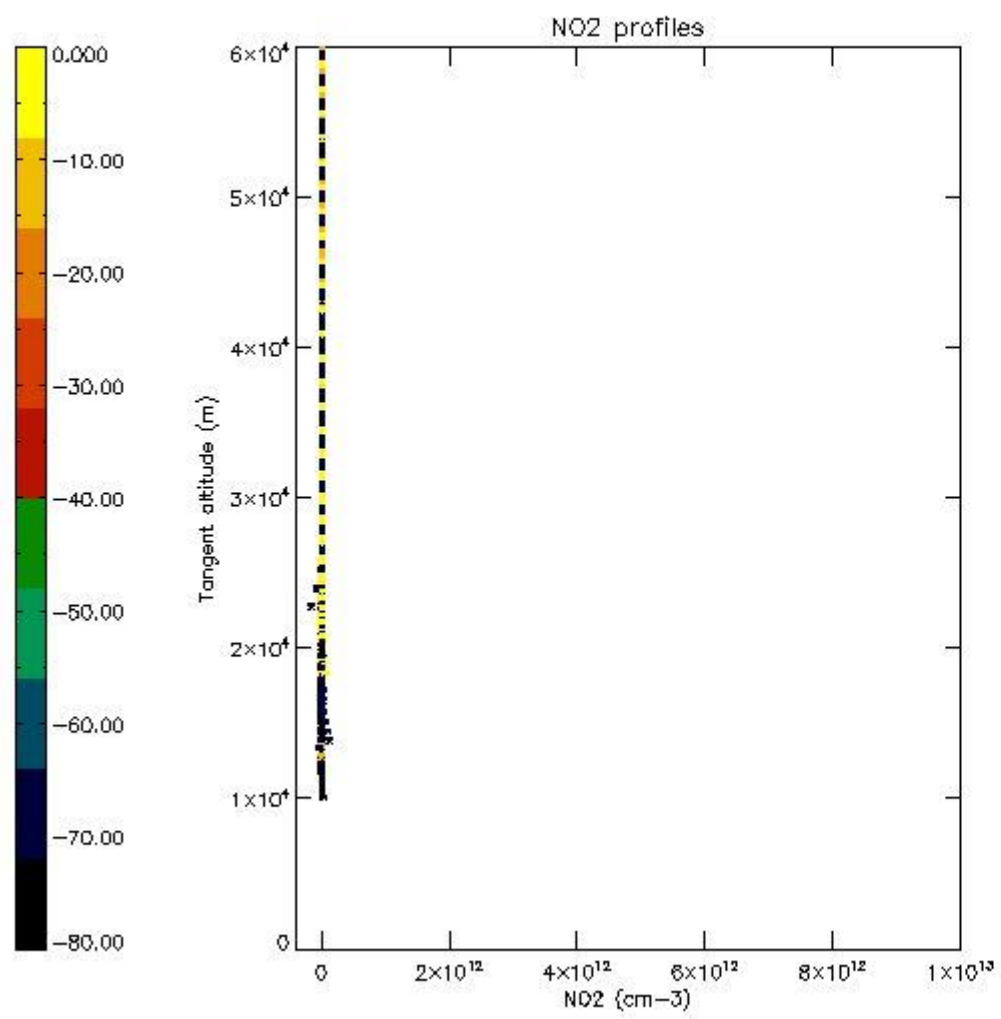
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



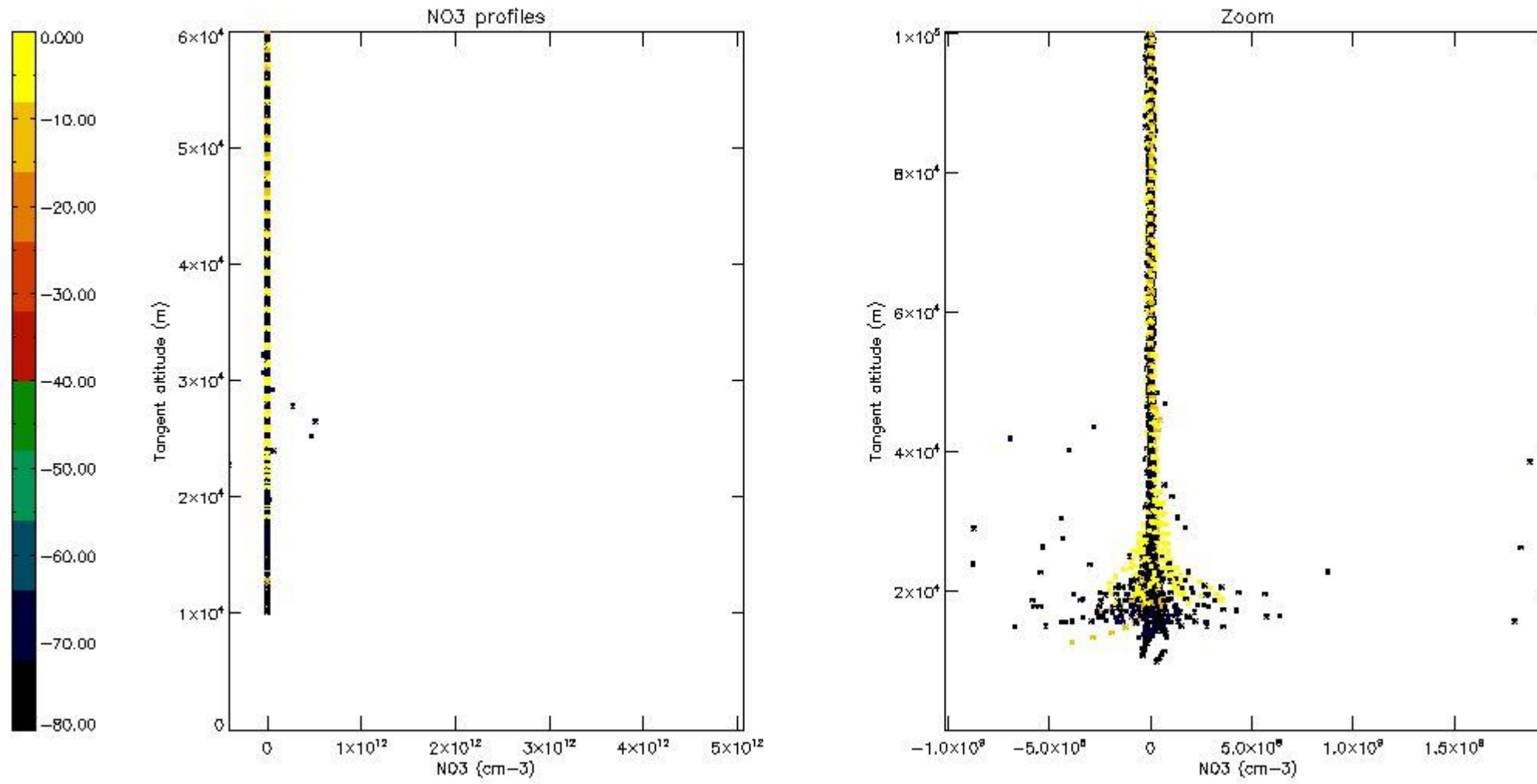
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1 | 20-JUL-2007 00:00:15 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 20-JUL-2007 00:00:15 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 20-JUL-2007 00:00:15 |

GOMOS Level 2 Daily Report

SUMMARY

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

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

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

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

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

[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](#)

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

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

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

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

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

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

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

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

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

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

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

| Item | Value |
|---------------------------|---------------------------------|
| Time of report generation | 22APR2013 21:58:00 |
| Data source version | GOMOS/6.01 |
| Start time of products | 20-07-2007 (20JUL2007 00:00:00) |
| Stop time of products | 21-07-2007 (21JUL2007 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 268 |
| 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__2PRFIN20070720_000015_000000402060_00045_28155_0762.N1 | 20-JUL-2007 00:00:15 | Straylight | 39.500 | 45 | Alp Pav | 1.9400 | 26000. | 79 | 28155 | No |
| 2 | GOM_NL__2PRFIN20070720_000810_000000422060_00045_28155_0763.N1 | 20-JUL-2007 00:08:10 | Twi_and_stray | 42.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 84 | 28155 | No |
| 3 | GOM_NL__2PRFIN20070720_001004_000000382060_00045_28155_0764.N1 | 20-JUL-2007 00:10:04 | Bright | 38.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 76 | 28155 | No |
| 4 | GOM_NL__2PRFIN20070720_001125_000000382060_00045_28155_0765.N1 | 20-JUL-2007 00:11:25 | Bright | 38.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 76 | 28155 | No |
| 5 | GOM_NL__2PRFIN20070720_001922_000000372060_00045_28155_0766.N1 | 20-JUL-2007 00:19:22 | Bright | 36.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 73 | 28155 | No |
| 6 | GOM_NL__2PRFIN20070720_002139_000000362060_00045_28155_0767.N1 | 20-JUL-2007 00:21:39 | Bright | 36.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 72 | 28155 | No |
| 7 | GOM_NL__2PRFIN20070720_003220_000000332060_00045_28155_0768.N1 | 20-JUL-2007 00:32:20 | Bright | 33.000 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 66 | 28155 | No |
| 8 | GOM_NL__2PRFIN20070720_003545_000000362060_00045_28155_0769.N1 | 20-JUL-2007 00:35:45 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 28155 | No |
| 9 | GOM_NL__2PRFIN20070720_003959_000000362060_00045_28155_0770.N1 | 20-JUL-2007 00:39:59 | Bright | 36.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 72 | 28155 | No |
| 10 | GOM_NL__2PRFIN20070720_004321_000000332060_00045_28155_0771.N1 | 20-JUL-2007 00:43:21 | Bright | 32.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 65 | 28155 | No |
| 11 | GOM_NL__2PRFIN20070720_005550_000000362060_00045_28155_0772.N1 | 20-JUL-2007 00:55:50 | Bright | 36.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 72 | 28155 | No |
| 12 | GOM_NL__2PRFIN20070720_005941_000000442060_00045_28155_0773.N1 | 20-JUL-2007 00:59:41 | Bright | 43.500 | 114 | 31ot Aur | 2.6930 | 4600.0 | 87 | 28155 | No |
| 13 | GOM_NL__2PRFIN20070720_010855_000000392060_00045_28155_0774.N1 | 20-JUL-2007 01:08:55 | Dark | 39.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 78 | 28155 | No |
| 14 | GOM_NL__2PRFIN20070720_011109_000000412060_00045_28155_0775.N1 | 20-JUL-2007 01:11:09 | Dark | 40.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 81 | 28155 | No |
| 15 | GOM_NL__2PRFIN20070720_011332_000000392060_00045_28155_0776.N1 | 20-JUL-2007 01:13:32 | Dark | 38.500 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 77 | 28155 | No |
| 16 | GOM_NL__2PRFIN20070720_012942_000000432060_00046_28156_0795.N1 | 20-JUL-2007 01:29:42 | Dark | 43.000 | 9 | Alp Eri | 0.45300 | 24000. | 86 | 28156 | No |
| 17 | GOM_NL__2PRFIN20070720_013254_000000382060_00046_28156_0796.N1 | 20-JUL-2007 01:32:54 | Dark | 37.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 75 | 28156 | No |
| 18 | GOM_NL__2PRFIN20070720_013707_000000442060_00046_28156_0797.N1 | 20-JUL-2007 01:37:07 | Straylight | 43.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 87 | 28156 | No |
| 19 | GOM_NL__2PRFIN20070720_014051_000000422060_00046_28156_0798.N1 | 20-JUL-2007 01:40:51 | Straylight | 41.500 | 45 | Alp Pav | 1.9400 | 26000. | 83 | 28156 | No |
| 20 | GOM_NL__2PRFIN20070720_014846_000000462060_00046_28156_0799.N1 | 20-JUL-2007 01:48:46 | Bright | 46.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 92 | 28156 | No |
| 21 | GOM_NL__2PRFIN20070720_015040_000000392060_00046_28156_0800.N1 | 20-JUL-2007 01:50:40 | Bright | 39.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 78 | 28156 | No |
| 22 | GOM_NL__2PRFIN20070720_015201_000000392060_00046_28156_0801.N1 | 20-JUL-2007 01:52:01 | Bright | 38.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 77 | 28156 | No |
| 23 | GOM_NL__2PRFIN20070720_015958_000000362060_00046_28156_0802.N1 | 20-JUL-2007 01:59:58 | Bright | 35.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 71 | 28156 | No |
| 24 | GOM_NL__2PRFIN20070720_020215_000000352060_00046_28156_0803.N1 | 20-JUL-2007 02:02:15 | Bright | 35.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 70 | 28156 | No |
| 25 | GOM_NL__2PRFIN20070720_021256_000000342060_00046_28156_0804.N1 | 20-JUL-2007 02:12:56 | Bright | 33.500 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 67 | 28156 | No |
| 26 | GOM_NL__2PRFIN20070720_021621_000000352060_00046_28156_0805.N1 | 20-JUL-2007 02:16:21 | Bright | 35.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 70 | 28156 | No |
| 27 | GOM_NL__2PRFIN20070720_022035_000000372060_00046_28156_0806.N1 | 20-JUL-2007 02:20:35 | Bright | 37.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 74 | 28156 | No |
| 28 | GOM_NL__2PRFIN20070720_022357_000000342060_00046_28156_0807.N1 | 20-JUL-2007 02:23:57 | Bright | 34.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 68 | 28156 | No |
| 29 | GOM_NL__2PRFIN20070720_023626_000000532060_00046_28156_0808.N1 | 20-JUL-2007 02:36:26 | Bright | 53.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 106 | 28156 | No |
| 30 | GOM_NL__2PRFIN20070720_024017_000000392060_00046_28156_0809.N1 | 20-JUL-2007 02:40:17 | Bright | 38.500 | 114 | 31ot Aur | 2.6930 | 4600.0 | 77 | 28156 | No |
| 31 | GOM_NL__2PRFIN20070720_024931_000000392060_00046_28156_0810.N1 | 20-JUL-2007 02:49:31 | Dark | 39.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 78 | 28156 | No |
| 32 | GOM_NL__2PRFIN20070720_025145_000000432060_00046_28156_0811.N1 | 20-JUL-2007 02:51:45 | Dark | 42.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 85 | 28156 | No |
| 33 | GOM_NL__2PRFIN20070720_025408_000000402060_00046_28156_0812.N1 | 20-JUL-2007 02:54:08 | Dark | 40.000 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 80 | 28156 | No |
| 34 | GOM_NL__2PRFIN20070720_031019_000000422060_00047_28157_0811.N1 | 20-JUL-2007 03:10:19 | Dark | 41.500 | 9 | Alp Eri | 0.45300 | 24000. | 83 | 28157 | No |
| 35 | GOM_NL__2PRFIN20070720_031331_000000382060_00047_28157_0812.N1 | 20-JUL-2007 03:13:31 | Dark | 38.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 76 | 28157 | No |
| 36 | GOM_NL__2PRFIN20070720_031744_000000452060_00047_28157_0813.N1 | 20-JUL-2007 03:17:44 | Straylight | 44.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 89 | 28157 | No |
| 37 | GOM_NL__2PRFIN20070720_032127_000000412060_00047_28157_0814.N1 | 20-JUL-2007 03:21:27 | Straylight | 40.500 | 45 | Alp Pav | 1.9400 | 26000. | 81 | 28157 | No |
| 38 | GOM_NL__2PRFIN20070720_032922_000000412060_00047_28157_0815.N1 | 20-JUL-2007 03:29:22 | Twi_and_stray | 40.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 81 | 28157 | No |
| 39 | GOM_NL__2PRFIN20070720_033116_000000412060_00047_28157_0816.N1 | 20-JUL-2007 03:31:16 | Bright | 40.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 81 | 28157 | No |
| 40 | GOM_NL__2PRFIN20070720_033237_000000392060_00047_28157_0817.N1 | 20-JUL-2007 03:32:37 | Bright | 38.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 77 | 28157 | No |
| 41 | GOM_NL__2PRFIN20070720_034034_000000362060_00047_28157_0818.N1 | 20-JUL-2007 03:40:34 | Bright | 35.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 71 | 28157 | No |
| 42 | GOM_NL__2PRFIN20070720_034252_000000362060_00047_28157_0819.N1 | 20-JUL-2007 03:42:52 | Bright | 35.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 71 | 28157 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 43 | GOM_NL__2PRFIN20070720_035332_000000352060_00047_28157_0820.N1 | 20-JUL-2007 03:53:32 | Bright | 35.000 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 70 | 28157 | No |
| 44 | GOM_NL__2PRFIN20070720_035657_000000332060_00047_28157_0821.N1 | 20-JUL-2007 03:56:57 | Bright | 32.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 65 | 28157 | No |
| 45 | GOM_NL__2PRFIN20070720_040112_000000352060_00047_28157_0822.N1 | 20-JUL-2007 04:01:12 | Bright | 35.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 70 | 28157 | No |
| 46 | GOM_NL__2PRFIN20070720_040433_000000322060_00047_28157_0823.N1 | 20-JUL-2007 04:04:33 | Bright | 32.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 64 | 28157 | No |
| 47 | GOM_NL__2PRFIN20070720_041702_000000372060_00047_28157_0824.N1 | 20-JUL-2007 04:17:02 | Bright | 36.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 73 | 28157 | No |
| 48 | GOM_NL__2PRFIN20070720_042053_000000392060_00047_28157_0825.N1 | 20-JUL-2007 04:20:53 | Bright | 38.500 | 114 | 3Iot Aur | 2.6930 | 4600.0 | 77 | 28157 | No |
| 49 | GOM_NL__2PRFIN20070720_043007_000000392060_00047_28157_0826.N1 | 20-JUL-2007 04:30:07 | Dark | 39.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 78 | 28157 | No |
| 50 | GOM_NL__2PRFIN20070720_043221_000000442060_00047_28157_0827.N1 | 20-JUL-2007 04:32:21 | Dark | 43.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 87 | 28157 | No |
| 51 | GOM_NL__2PRFIN20070720_043444_000000382060_00047_28157_0828.N1 | 20-JUL-2007 04:34:44 | Dark | 38.000 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 76 | 28157 | No |
| 52 | GOM_NL__2PRFIN20070720_045055_000000432060_00048_28158_0826.N1 | 20-JUL-2007 04:50:55 | Dark | 42.500 | 9 | Alp Eri | 0.45300 | 24000. | 85 | 28158 | No |
| 53 | GOM_NL__2PRFIN20070720_045407_000000382060_00048_28158_0827.N1 | 20-JUL-2007 04:54:07 | Dark | 37.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 75 | 28158 | No |
| 54 | GOM_NL__2PRFIN20070720_045821_000000432060_00048_28158_0828.N1 | 20-JUL-2007 04:58:21 | Straylight | 42.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 85 | 28158 | No |
| 55 | GOM_NL__2PRFIN20070720_050204_000000382060_00048_28158_0829.N1 | 20-JUL-2007 05:02:04 | Straylight | 38.000 | 45 | Alp Pav | 1.9400 | 26000. | 76 | 28158 | No |
| 56 | GOM_NL__2PRFIN20070720_050958_000000392060_00048_28158_0830.N1 | 20-JUL-2007 05:09:58 | Tw_i_and_stray | 39.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 78 | 28158 | No |
| 57 | GOM_NL__2PRFIN20070720_051152_000000392060_00048_28158_0831.N1 | 20-JUL-2007 05:11:52 | Bright | 38.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 77 | 28158 | No |
| 58 | GOM_NL__2PRFIN20070720_051313_000000382060_00048_28158_0832.N1 | 20-JUL-2007 05:13:13 | Bright | 38.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 76 | 28158 | No |
| 59 | GOM_NL__2PRFIN20070720_052110_000000352060_00048_28158_0833.N1 | 20-JUL-2007 05:21:10 | Bright | 34.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 69 | 28158 | No |
| 60 | GOM_NL__2PRFIN20070720_052328_000000362060_00048_28158_0834.N1 | 20-JUL-2007 05:23:28 | Bright | 36.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 72 | 28158 | No |
| 61 | GOM_NL__2PRFIN20070720_053408_000000372060_00048_28158_0835.N1 | 20-JUL-2007 05:34:08 | Bright | 37.000 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 74 | 28158 | No |
| 62 | GOM_NL__2PRFIN20070720_053734_000000362060_00048_28158_0836.N1 | 20-JUL-2007 05:37:34 | Bright | 35.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 71 | 28158 | No |
| 63 | GOM_NL__2PRFIN20070720_054148_000000342060_00048_28158_0837.N1 | 20-JUL-2007 05:41:48 | Bright | 33.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 67 | 28158 | No |
| 64 | GOM_NL__2PRFIN20070720_054509_000000352060_00048_28158_0838.N1 | 20-JUL-2007 05:45:09 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 28158 | No |
| 65 | GOM_NL__2PRFIN20070720_055738_000000472060_00048_28158_0839.N1 | 20-JUL-2007 05:57:38 | Bright | 47.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 94 | 28158 | No |
| 66 | GOM_NL__2PRFIN20070720_060129_000000542060_00048_28158_0840.N1 | 20-JUL-2007 06:01:29 | Bright | 54.000 | 114 | 3Iot Aur | 2.6930 | 4600.0 | 108 | 28158 | No |
| 67 | GOM_NL__2PRFIN20070720_061043_000000392060_00048_28158_0841.N1 | 20-JUL-2007 06:10:43 | Dark | 39.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 78 | 28158 | No |
| 68 | GOM_NL__2PRFIN20070720_061257_000000452060_00048_28158_0842.N1 | 20-JUL-2007 06:12:57 | Dark | 45.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 90 | 28158 | No |
| 69 | GOM_NL__2PRFIN20070720_061520_000000402060_00048_28158_0843.N1 | 20-JUL-2007 06:15:20 | Dark | 39.500 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 79 | 28158 | No |
| 70 | GOM_NL__2PRFIN20070720_063132_000000462060_00049_28159_0850.N1 | 20-JUL-2007 06:31:32 | Dark | 46.000 | 9 | Alp Eri | 0.45300 | 24000. | 92 | 28159 | No |
| 71 | GOM_NL__2PRFIN20070720_063443_000000382060_00049_28159_0851.N1 | 20-JUL-2007 06:34:43 | Dark | 37.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 75 | 28159 | No |
| 72 | GOM_NL__2PRFIN20070720_063857_000000432060_00049_28159_0852.N1 | 20-JUL-2007 06:38:57 | Straylight | 42.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 85 | 28159 | No |
| 73 | GOM_NL__2PRFIN20070720_064240_000000402060_00049_28159_0853.N1 | 20-JUL-2007 06:42:40 | Straylight | 40.000 | 45 | Alp Pav | 1.9400 | 26000. | 80 | 28159 | No |
| 74 | GOM_NL__2PRFIN20070720_065034_000000522060_00049_28159_0854.N1 | 20-JUL-2007 06:50:34 | Bright | 52.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 104 | 28159 | No |
| 75 | GOM_NL__2PRFIN20070720_065228_000000382060_00049_28159_0855.N1 | 20-JUL-2007 06:52:28 | Bright | 38.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 76 | 28159 | No |
| 76 | GOM_NL__2PRFIN20070720_065349_000000382060_00049_28159_0856.N1 | 20-JUL-2007 06:53:49 | Bright | 38.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 76 | 28159 | No |
| 77 | GOM_NL__2PRFIN20070720_070146_000000362060_00049_28159_0857.N1 | 20-JUL-2007 07:01:46 | Bright | 35.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 71 | 28159 | No |
| 78 | GOM_NL__2PRFIN20070720_070404_000000382060_00049_28159_0858.N1 | 20-JUL-2007 07:04:04 | Bright | 37.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 75 | 28159 | No |
| 79 | GOM_NL__2PRFIN20070720_071444_000000382060_00049_28159_0859.N1 | 20-JUL-2007 07:14:44 | Bright | 37.500 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 75 | 28159 | No |
| 80 | GOM_NL__2PRFIN20070720_071810_000000362060_00049_28159_0860.N1 | 20-JUL-2007 07:18:10 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 28159 | No |
| 81 | GOM_NL__2PRFIN20070720_072224_000000362060_00049_28159_0861.N1 | 20-JUL-2007 07:22:24 | Bright | 36.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 72 | 28159 | No |
| 82 | GOM_NL__2PRFIN20070720_072545_000000362060_00049_28159_0862.N1 | 20-JUL-2007 07:25:45 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 28159 | No |
| 83 | GOM_NL__2PRFIN20070720_073814_000000382060_00049_28159_0863.N1 | 20-JUL-2007 07:38:14 | Bright | 37.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 75 | 28159 | No |
| 84 | GOM_NL__2PRFIN20070720_074206_000000392060_00049_28159_0864.N1 | 20-JUL-2007 07:42:06 | Bright | 39.000 | 114 | 3Iot Aur | 2.6930 | 4600.0 | 78 | 28159 | No |
| 85 | GOM_NL__2PRFIN20070720_075119_000000392060_00049_28159_0865.N1 | 20-JUL-2007 07:51:19 | Dark | 38.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 77 | 28159 | No |
| 86 | GOM_NL__2PRFIN20070720_075333_000000402060_00049_28159_0866.N1 | 20-JUL-2007 07:53:33 | Dark | 39.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 79 | 28159 | No |
| 87 | GOM_NL__2PRFIN20070720_075556_000000392060_00049_28159_0867.N1 | 20-JUL-2007 07:55:56 | Dark | 38.500 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 77 | 28159 | No |
| 88 | GOM_NL__2PRFIN20070720_081209_000000422060_00050_28160_0878.N1 | 20-JUL-2007 08:12:09 | Dark | 42.000 | 9 | Alp Eri | 0.45300 | 24000. | 84 | 28160 | No |
| 89 | GOM_NL__2PRFIN20070720_081519_000000382060_00050_28160_0879.N1 | 20-JUL-2007 08:15:19 | Dark | 37.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 75 | 28160 | No |
| 90 | GOM_NL__2PRFIN20070720_081933_000000432060_00050_28160_0880.N1 | 20-JUL-2007 08:19:33 | Straylight | 42.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 85 | 28160 | No |
| 91 | GOM_NL__2PRFIN20070720_082316_000000382060_00050_28160_0881.N1 | 20-JUL-2007 08:23:16 | Straylight | 38.000 | 45 | Alp Pav | 1.9400 | 26000. | 76 | 28160 | No |
| 92 | GOM_NL__2PRFIN20070720_083110_000000412060_00050_28160_0882.N1 | 20-JUL-2007 08:31:10 | Tw_i_and_stray | 40.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 81 | 28160 | No |
| 93 | GOM_NL__2PRFIN20070720_083304_000000412060_00050_28160_0883.N1 | 20-JUL-2007 08:33:04 | Bright | 41.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 82 | 28160 | No |
| 94 | GOM_NL__2PRFIN20070720_083426_000000382060_00050_28160_0884.N1 | 20-JUL-2007 08:34:26 | Bright | 37.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 75 | 28160 | No |
| 95 | GOM_NL__2PRFIN20070720_084222_000000372060_00050_28160_0885.N1 | 20-JUL-2007 08:42:22 | Bright | 36.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 73 | 28160 | No |
| 96 | GOM_NL__2PRFIN20070720_084440_000000342060_00050_28160_0886.N1 | 20-JUL-2007 08:44:40 | Bright | 34.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 68 | 28160 | No |
| 97 | GOM_NL__2PRFIN20070720_085151_000000272060_00050_28160_0887.N1 | 20-JUL-2007 08:51:51 | Bright | 27.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 54 | 28160 | No |
| 98 | GOM_NL__2PRFIN20070720_085520_000000382060_00050_28160_0888.N1 | 20-JUL-2007 08:55:20 | Bright | 37.500 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 75 | 28160 | No |
| 99 | GOM_NL__2PRFIN20070720_085846_000000362060_00050_28160_0889.N1 | 20-JUL-2007 08:58:46 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 28160 | No |
| 100 | GOM_NL__2PRFIN20070720_090300_000000342060_00050_28160_0890.N1 | 20-JUL-2007 09:03:00 | Bright | 33.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 67 | 28160 | No |
| 101 | GOM_NL__2PRFIN20070720_090621_000000352060_00050_28160_0891.N1 | 20-JUL-2007 09:06:21 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 28160 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 102 | GOM_NL__2PRFIN20070720_091850_000000362060_00050_28160_0892.N1 | 20-JUL-2007 09:18:50 | Bright | 36.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 72 | 28160 | No |
| 103 | GOM_NL__2PRFIN20070720_092242_000000542060_00050_28160_0893.N1 | 20-JUL-2007 09:22:42 | Bright | 54.000 | 114 | 3lot Aur | 2.6930 | 4600.0 | 108 | 28160 | No |
| 104 | GOM_NL__2PRFIN20070720_093156_000000392060_00050_28160_0894.N1 | 20-JUL-2007 09:31:56 | Dark | 39.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 78 | 28160 | No |
| 105 | GOM_NL__2PRFIN20070720_093410_000000412060_00050_28160_0895.N1 | 20-JUL-2007 09:34:10 | Dark | 40.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 81 | 28160 | No |
| 106 | GOM_NL__2PRFIN20070720_093632_000000412060_00050_28160_0896.N1 | 20-JUL-2007 09:36:32 | Dark | 40.500 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 81 | 28160 | No |
| 107 | GOM_NL__2PRFIN20070720_095245_000000422060_00051_28161_0893.N1 | 20-JUL-2007 09:52:45 | Dark | 42.000 | 9 | Alp Eri | 0.45300 | 24000. | 84 | 28161 | No |
| 108 | GOM_NL__2PRFIN20070720_095555_000000372060_00051_28161_0894.N1 | 20-JUL-2007 09:55:55 | Dark | 36.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 73 | 28161 | No |
| 109 | GOM_NL__2PRFIN20070720_100010_000000422060_00051_28161_0895.N1 | 20-JUL-2007 10:00:10 | Straylight | 41.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 83 | 28161 | No |
| 110 | GOM_NL__2PRFIN20070720_100353_000000412060_00051_28161_0896.N1 | 20-JUL-2007 10:03:53 | Straylight | 40.500 | 45 | Alp Pav | 1.9400 | 26000. | 81 | 28161 | No |
| 111 | GOM_NL__2PRFIN20070720_101146_000000402060_00051_28161_0897.N1 | 20-JUL-2007 10:11:46 | Tw_i_and_stray | 40.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 80 | 28161 | No |
| 112 | GOM_NL__2PRFIN20070720_101341_000000372060_00051_28161_0898.N1 | 20-JUL-2007 10:13:41 | Bright | 37.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 74 | 28161 | No |
| 113 | GOM_NL__2PRFIN20070720_101502_000000382060_00051_28161_0899.N1 | 20-JUL-2007 10:15:02 | Bright | 37.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 75 | 28161 | No |
| 114 | GOM_NL__2PRFIN20070720_102258_000000362060_00051_28161_0900.N1 | 20-JUL-2007 10:22:58 | Bright | 35.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 71 | 28161 | No |
| 115 | GOM_NL__2PRFIN20070720_102516_000000372060_00051_28161_0901.N1 | 20-JUL-2007 10:25:16 | Bright | 37.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 74 | 28161 | No |
| 116 | GOM_NL__2PRFIN20070720_103227_000000272060_00051_28161_0902.N1 | 20-JUL-2007 10:32:27 | Bright | 27.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 54 | 28161 | No |
| 117 | GOM_NL__2PRFIN20070720_103556_000000382060_00051_28161_0903.N1 | 20-JUL-2007 10:35:56 | Bright | 38.000 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 76 | 28161 | No |
| 118 | GOM_NL__2PRFIN20070720_103922_000000352060_00051_28161_0904.N1 | 20-JUL-2007 10:39:22 | Bright | 34.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 69 | 28161 | No |
| 119 | GOM_NL__2PRFIN20070720_104336_000000522060_00051_28161_0905.N1 | 20-JUL-2007 10:43:36 | Bright | 52.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 104 | 28161 | No |
| 120 | GOM_NL__2PRFIN20070720_104656_000000362060_00051_28161_0906.N1 | 20-JUL-2007 10:46:56 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 28161 | No |
| 121 | GOM_NL__2PRFIN20070720_105926_000000382060_00051_28161_0907.N1 | 20-JUL-2007 10:59:26 | Bright | 38.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 76 | 28161 | No |
| 122 | GOM_NL__2PRFIN20070720_110317_000000432060_00051_28161_0908.N1 | 20-JUL-2007 11:03:17 | Bright | 43.000 | 114 | 3lot Aur | 2.6930 | 4600.0 | 86 | 28161 | No |
| 123 | GOM_NL__2PRFIN20070720_111232_000000362060_00051_28161_0909.N1 | 20-JUL-2007 11:12:32 | Dark | 36.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 72 | 28161 | No |
| 124 | GOM_NL__2PRFIN20070720_111446_000000372060_00051_28161_0910.N1 | 20-JUL-2007 11:14:46 | Dark | 36.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 73 | 28161 | No |
| 125 | GOM_NL__2PRFIN20070720_111709_000000392060_00051_28161_0911.N1 | 20-JUL-2007 11:17:09 | Dark | 39.000 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 78 | 28161 | No |
| 126 | GOM_NL__2PRFIN20070720_113322_000000392060_00052_28162_0910.N1 | 20-JUL-2007 11:33:22 | Dark | 39.000 | 9 | Alp Eri | 0.45300 | 24000. | 78 | 28162 | No |
| 127 | GOM_NL__2PRFIN20070720_113632_000000382060_00052_28162_0911.N1 | 20-JUL-2007 11:36:32 | Dark | 37.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 75 | 28162 | No |
| 128 | GOM_NL__2PRFIN20070720_114046_000000422060_00052_28162_0912.N1 | 20-JUL-2007 11:40:46 | Straylight | 41.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 83 | 28162 | No |
| 129 | GOM_NL__2PRFIN20070720_114429_000000392060_00052_28162_0913.N1 | 20-JUL-2007 11:44:29 | Straylight | 39.000 | 45 | Alp Pav | 1.9400 | 26000. | 78 | 28162 | No |
| 130 | GOM_NL__2PRFIN20070720_115223_000000382060_00052_28162_0914.N1 | 20-JUL-2007 11:52:23 | Tw_i_and_stray | 38.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 76 | 28162 | No |
| 131 | GOM_NL__2PRFIN20070720_115417_000000392060_00052_28162_0915.N1 | 20-JUL-2007 11:54:17 | Bright | 38.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 77 | 28162 | No |
| 132 | GOM_NL__2PRFIN20070720_115538_000000372060_00052_28162_0916.N1 | 20-JUL-2007 11:55:38 | Bright | 37.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 74 | 28162 | No |
| 133 | GOM_NL__2PRFIN20070720_120334_000000372060_00052_28162_0917.N1 | 20-JUL-2007 12:03:34 | Bright | 36.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 73 | 28162 | No |
| 134 | GOM_NL__2PRFIN20070720_120552_000000362060_00052_28162_0918.N1 | 20-JUL-2007 12:05:52 | Bright | 36.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 72 | 28162 | No |
| 135 | GOM_NL__2PRFIN20070720_121303_000000352060_00052_28162_0919.N1 | 20-JUL-2007 12:13:03 | Bright | 34.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 69 | 28162 | No |
| 136 | GOM_NL__2PRFIN20070720_121632_000000392060_00052_28162_0920.N1 | 20-JUL-2007 12:16:32 | Bright | 38.500 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 77 | 28162 | No |
| 137 | GOM_NL__2PRFIN20070720_121958_000000362060_00052_28162_0921.N1 | 20-JUL-2007 12:19:58 | Bright | 35.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 71 | 28162 | No |
| 138 | GOM_NL__2PRFIN20070720_122412_000000342060_00052_28162_0922.N1 | 20-JUL-2007 12:24:12 | Bright | 34.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 68 | 28162 | No |
| 139 | GOM_NL__2PRFIN20070720_122732_000000362060_00052_28162_0923.N1 | 20-JUL-2007 12:27:32 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 28162 | No |
| 140 | GOM_NL__2PRFIN20070720_124002_000000382060_00052_28162_0924.N1 | 20-JUL-2007 12:40:02 | Bright | 37.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 75 | 28162 | No |
| 141 | GOM_NL__2PRFIN20070720_124353_000000382060_00052_28162_0925.N1 | 20-JUL-2007 12:43:53 | Bright | 37.500 | 114 | 3lot Aur | 2.6930 | 4600.0 | 75 | 28162 | No |
| 142 | GOM_NL__2PRFIN20070720_125308_000000362060_00052_28162_0926.N1 | 20-JUL-2007 12:53:08 | Dark | 36.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 72 | 28162 | No |
| 143 | GOM_NL__2PRFIN20070720_125522_000000372060_00052_28162_0927.N1 | 20-JUL-2007 12:55:22 | Dark | 37.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 74 | 28162 | No |
| 144 | GOM_NL__2PRFIN20070720_125745_000000362060_00052_28162_0928.N1 | 20-JUL-2007 12:57:45 | Dark | 36.000 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 72 | 28162 | No |
| 145 | GOM_NL__2PRFIN20070720_131358_000000392060_00053_28163_0924.N1 | 20-JUL-2007 13:13:58 | Dark | 39.000 | 9 | Alp Eri | 0.45300 | 24000. | 78 | 28163 | No |
| 146 | GOM_NL__2PRFIN20070720_131708_000000382060_00053_28163_0925.N1 | 20-JUL-2007 13:17:08 | Dark | 37.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 75 | 28163 | No |
| 147 | GOM_NL__2PRFIN20070720_132123_000000412060_00053_28163_0926.N1 | 20-JUL-2007 13:21:23 | Straylight | 41.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 82 | 28163 | No |
| 148 | GOM_NL__2PRFIN20070720_132505_000000402060_00053_28163_0927.N1 | 20-JUL-2007 13:25:05 | Straylight | 39.500 | 45 | Alp Pav | 1.9400 | 26000. | 79 | 28163 | No |
| 149 | GOM_NL__2PRFIN20070720_133259_000000382060_00053_28163_0928.N1 | 20-JUL-2007 13:32:59 | Tw_i_and_stray | 38.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 76 | 28163 | No |
| 150 | GOM_NL__2PRFIN20070720_133452_000000382060_00053_28163_0929.N1 | 20-JUL-2007 13:34:52 | Bright | 37.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 75 | 28163 | No |
| 151 | GOM_NL__2PRFIN20070720_133614_000000382060_00053_28163_0930.N1 | 20-JUL-2007 13:36:14 | Bright | 37.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 75 | 28163 | No |
| 152 | GOM_NL__2PRFIN20070720_134410_000000352060_00053_28163_0931.N1 | 20-JUL-2007 13:44:10 | Bright | 35.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 70 | 28163 | No |
| 153 | GOM_NL__2PRFIN20070720_134628_000000372060_00053_28163_0932.N1 | 20-JUL-2007 13:46:28 | Bright | 36.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 73 | 28163 | No |
| 154 | GOM_NL__2PRFIN20070720_135339_000000342060_00053_28163_0933.N1 | 20-JUL-2007 13:53:39 | Bright | 34.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 68 | 28163 | No |
| 155 | GOM_NL__2PRFIN20070720_135708_000000392060_00053_28163_0934.N1 | 20-JUL-2007 13:57:08 | Bright | 38.500 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 77 | 28163 | No |
| 156 | GOM_NL__2PRFIN20070720_140034_000000362060_00053_28163_0935.N1 | 20-JUL-2007 14:00:34 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 28163 | No |
| 157 | GOM_NL__2PRFIN20070720_140448_000000382060_00053_28163_0936.N1 | 20-JUL-2007 14:04:48 | Bright | 38.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 76 | 28163 | No |
| 158 | GOM_NL__2PRFIN20070720_140808_000000352060_00053_28163_0937.N1 | 20-JUL-2007 14:08:08 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 28163 | No |
| 159 | GOM_NL__2PRFIN20070720_142038_000000472060_00053_28163_0938.N1 | 20-JUL-2007 14:20:38 | Bright | 46.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 93 | 28163 | No |
| 160 | GOM_NL__2PRFIN20070720_142429_000000472060_00053_28163_0939.N1 | 20-JUL-2007 14:24:29 | Bright | 47.000 | 114 | 3lot Aur | 2.6930 | 4600.0 | 94 | 28163 | No |

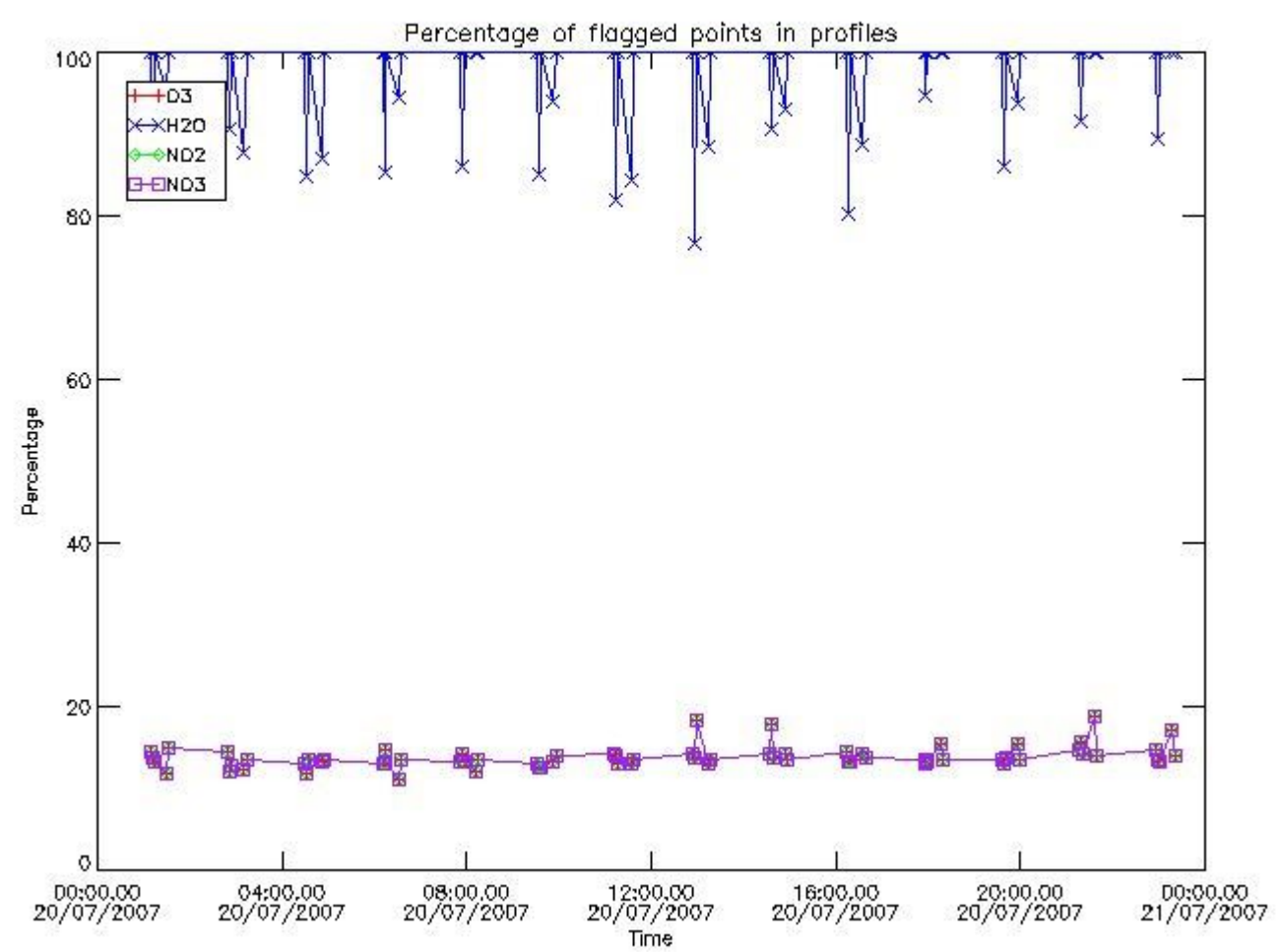
| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|----------|--------|----|-------|----|
| 161 | GOM_NL__2PRFIN20070720_143344_000000362060_00053_28163_0940.N1 | 20-JUL-2007 14:33:44 | Dark | 36.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 72 | 28163 | No |
| 162 | GOM_NL__2PRFIN20070720_143558_000000432060_00053_28163_0941.N1 | 20-JUL-2007 14:35:58 | Dark | 42.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 85 | 28163 | No |
| 163 | GOM_NL__2PRFIN20070720_143821_000000372060_00053_28163_0942.N1 | 20-JUL-2007 14:38:21 | Dark | 37.000 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 74 | 28163 | No |
| 164 | GOM_NL__2PRFIN20070720_145435_000000362060_00054_28164_0950.N1 | 20-JUL-2007 14:54:35 | Dark | 36.000 | 9 | Alp Eri | 0.45300 | 24000. | 72 | 28164 | No |
| 165 | GOM_NL__2PRFIN20070720_145744_000000382060_00054_28164_0951.N1 | 20-JUL-2007 14:57:44 | Dark | 38.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 76 | 28164 | No |
| 166 | GOM_NL__2PRFIN20070720_150159_000000462060_00054_28164_0952.N1 | 20-JUL-2007 15:01:59 | Straylight | 45.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 91 | 28164 | No |
| 167 | GOM_NL__2PRFIN20070720_150541_000000392060_00054_28164_0953.N1 | 20-JUL-2007 15:05:41 | Straylight | 39.000 | 45 | Alp Pav | 1.9400 | 26000. | 78 | 28164 | No |
| 168 | GOM_NL__2PRFIN20070720_151335_000000422060_00054_28164_0954.N1 | 20-JUL-2007 15:13:35 | Bright | 42.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 84 | 28164 | No |
| 169 | GOM_NL__2PRFIN20070720_151529_000000392060_00054_28164_0955.N1 | 20-JUL-2007 15:15:29 | Bright | 38.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 77 | 28164 | No |
| 170 | GOM_NL__2PRFIN20070720_151650_000000392060_00054_28164_0956.N1 | 20-JUL-2007 15:16:50 | Bright | 38.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 77 | 28164 | No |
| 171 | GOM_NL__2PRFIN20070720_152446_000000362060_00054_28164_0957.N1 | 20-JUL-2007 15:24:46 | Bright | 36.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 72 | 28164 | No |
| 172 | GOM_NL__2PRFIN20070720_152704_000000352060_00054_28164_0958.N1 | 20-JUL-2007 15:27:04 | Bright | 34.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 69 | 28164 | No |
| 173 | GOM_NL__2PRFIN20070720_153414_000000412060_00054_28164_0959.N1 | 20-JUL-2007 15:34:14 | Bright | 41.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 82 | 28164 | No |
| 174 | GOM_NL__2PRFIN20070720_153744_000000352060_00054_28164_0960.N1 | 20-JUL-2007 15:37:44 | Bright | 34.500 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 69 | 28164 | No |
| 175 | GOM_NL__2PRFIN20070720_154110_000000362060_00054_28164_0961.N1 | 20-JUL-2007 15:41:10 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 28164 | No |
| 176 | GOM_NL__2PRFIN20070720_154525_000000342060_00054_28164_0962.N1 | 20-JUL-2007 15:45:25 | Bright | 34.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 68 | 28164 | No |
| 177 | GOM_NL__2PRFIN20070720_154844_000000352060_00054_28164_0963.N1 | 20-JUL-2007 15:48:44 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 28164 | No |
| 178 | GOM_NL__2PRFIN20070720_160114_000000362060_00054_28164_0964.N1 | 20-JUL-2007 16:01:14 | Bright | 35.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 71 | 28164 | No |
| 179 | GOM_NL__2PRFIN20070720_160506_000000412060_00054_28164_0965.N1 | 20-JUL-2007 16:05:06 | Bright | 41.000 | 114 | 3lot Aur | 2.6930 | 4600.0 | 82 | 28164 | No |
| 180 | GOM_NL__2PRFIN20070720_161420_000000392060_00054_28164_0966.N1 | 20-JUL-2007 16:14:20 | Dark | 38.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 77 | 28164 | No |
| 181 | GOM_NL__2PRFIN20070720_161634_000000392060_00054_28164_0967.N1 | 20-JUL-2007 16:16:34 | Dark | 38.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 77 | 28164 | No |
| 182 | GOM_NL__2PRFIN20070720_161857_000000392060_00054_28164_0968.N1 | 20-JUL-2007 16:18:57 | Dark | 38.500 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 77 | 28164 | No |
| 183 | GOM_NL__2PRFIN20070720_163511_000000362060_00055_28165_0961.N1 | 20-JUL-2007 16:35:11 | Dark | 36.000 | 9 | Alp Eri | 0.45300 | 24000. | 72 | 28165 | No |
| 184 | GOM_NL__2PRFIN20070720_163820_000000372060_00055_28165_0962.N1 | 20-JUL-2007 16:38:20 | Dark | 37.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 74 | 28165 | No |
| 185 | GOM_NL__2PRFIN20070720_164236_000000402060_00055_28165_0963.N1 | 20-JUL-2007 16:42:36 | Straylight | 40.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 80 | 28165 | No |
| 186 | GOM_NL__2PRFIN20070720_164618_000000412060_00055_28165_0964.N1 | 20-JUL-2007 16:46:18 | Straylight | 40.500 | 45 | Alp Pav | 1.9400 | 26000. | 81 | 28165 | No |
| 187 | GOM_NL__2PRFIN20070720_165411_000000392060_00055_28165_0965.N1 | 20-JUL-2007 16:54:11 | Tw_i_and_stray | 38.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 77 | 28165 | No |
| 188 | GOM_NL__2PRFIN20070720_165605_000000402060_00055_28165_0966.N1 | 20-JUL-2007 16:56:05 | Bright | 39.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 79 | 28165 | No |
| 189 | GOM_NL__2PRFIN20070720_165726_000000382060_00055_28165_0967.N1 | 20-JUL-2007 16:57:26 | Bright | 38.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 76 | 28165 | No |
| 190 | GOM_NL__2PRFIN20070720_170523_000000352060_00055_28165_0968.N1 | 20-JUL-2007 17:05:23 | Bright | 35.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 70 | 28165 | No |
| 191 | GOM_NL__2PRFIN20070720_170741_000000372060_00055_28165_0969.N1 | 20-JUL-2007 17:07:41 | Bright | 37.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 74 | 28165 | No |
| 192 | GOM_NL__2PRFIN20070720_171450_000000402060_00055_28165_0970.N1 | 20-JUL-2007 17:14:50 | Bright | 39.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 79 | 28165 | No |
| 193 | GOM_NL__2PRFIN20070720_171820_000000372060_00055_28165_0971.N1 | 20-JUL-2007 17:18:20 | Bright | 36.500 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 73 | 28165 | No |
| 194 | GOM_NL__2PRFIN20070720_172147_000000342060_00055_28165_0972.N1 | 20-JUL-2007 17:21:47 | Bright | 34.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 68 | 28165 | No |
| 195 | GOM_NL__2PRFIN20070720_172601_000000382060_00055_28165_0973.N1 | 20-JUL-2007 17:26:01 | Bright | 38.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 76 | 28165 | No |
| 196 | GOM_NL__2PRFIN20070720_172920_000000382060_00055_28165_0974.N1 | 20-JUL-2007 17:29:20 | Bright | 37.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 75 | 28165 | No |
| 197 | GOM_NL__2PRFIN20070720_174150_000000382060_00055_28165_0975.N1 | 20-JUL-2007 17:41:50 | Bright | 37.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 75 | 28165 | No |
| 198 | GOM_NL__2PRFIN20070720_174542_000000362060_00055_28165_0976.N1 | 20-JUL-2007 17:45:42 | Bright | 36.000 | 114 | 3lot Aur | 2.6930 | 4600.0 | 72 | 28165 | No |
| 199 | GOM_NL__2PRFIN20070720_175456_000000382060_00055_28165_0977.N1 | 20-JUL-2007 17:54:56 | Dark | 38.000 | 30 | 46Eps Ori | 1.6940 | 30000. | 76 | 28165 | No |
| 200 | GOM_NL__2PRFIN20070720_175711_000000392060_00055_28165_0978.N1 | 20-JUL-2007 17:57:11 | Dark | 39.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 78 | 28165 | No |
| 201 | GOM_NL__2PRFIN20070720_175933_000000392060_00055_28165_0979.N1 | 20-JUL-2007 17:59:33 | Dark | 38.500 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 77 | 28165 | No |
| 202 | GOM_NL__2PRFIN20070720_181548_000000332060_00056_28166_0996.N1 | 20-JUL-2007 18:15:48 | Dark | 33.000 | 9 | Alp Eri | 0.45300 | 24000. | 66 | 28166 | No |
| 203 | GOM_NL__2PRFIN20070720_181856_000000382060_00056_28166_0997.N1 | 20-JUL-2007 18:18:56 | Dark | 38.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 76 | 28166 | No |
| 204 | GOM_NL__2PRFIN20070720_182312_000000402060_00056_28166_0998.N1 | 20-JUL-2007 18:23:12 | Straylight | 40.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 80 | 28166 | No |
| 205 | GOM_NL__2PRFIN20070720_182654_000000382060_00056_28166_0999.N1 | 20-JUL-2007 18:26:54 | Straylight | 38.000 | 45 | Alp Pav | 1.9400 | 26000. | 76 | 28166 | No |
| 206 | GOM_NL__2PRFIN20070720_183447_000000442060_00056_28166_1000.N1 | 20-JUL-2007 18:34:47 | Bright | 44.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 88 | 28166 | No |
| 207 | GOM_NL__2PRFIN20070720_183641_000000392060_00056_28166_1001.N1 | 20-JUL-2007 18:36:41 | Bright | 39.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 78 | 28166 | No |
| 208 | GOM_NL__2PRFIN20070720_183802_000000392060_00056_28166_1002.N1 | 20-JUL-2007 18:38:02 | Bright | 38.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 77 | 28166 | No |
| 209 | GOM_NL__2PRFIN20070720_184559_000000382060_00056_28166_1003.N1 | 20-JUL-2007 18:45:59 | Bright | 38.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 76 | 28166 | No |
| 210 | GOM_NL__2PRFIN20070720_184817_000000352060_00056_28166_1004.N1 | 20-JUL-2007 18:48:17 | Bright | 35.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 70 | 28166 | No |
| 211 | GOM_NL__2PRFIN20070720_185526_000000382060_00056_28166_1005.N1 | 20-JUL-2007 18:55:26 | Bright | 38.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 76 | 28166 | No |
| 212 | GOM_NL__2PRFIN20070720_185856_000000352060_00056_28166_1006.N1 | 20-JUL-2007 18:58:56 | Bright | 34.500 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 69 | 28166 | No |
| 213 | GOM_NL__2PRFIN20070720_190223_000000382060_00056_28166_1007.N1 | 20-JUL-2007 19:02:23 | Bright | 37.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 75 | 28166 | No |
| 214 | GOM_NL__2PRFIN20070720_190637_000000342060_00056_28166_1008.N1 | 20-JUL-2007 19:06:37 | Bright | 33.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 67 | 28166 | No |
| 215 | GOM_NL__2PRFIN20070720_190956_000000362060_00056_28166_1009.N1 | 20-JUL-2007 19:09:56 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 28166 | No |
| 216 | GOM_NL__2PRFIN20070720_192226_000000402060_00056_28166_1010.N1 | 20-JUL-2007 19:22:26 | Bright | 39.500 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 79 | 28166 | No |
| 217 | GOM_NL__2PRFIN20070720_192618_000000422060_00056_28166_1011.N1 | 20-JUL-2007 19:26:18 | Bright | 42.000 | 114 | 3lot Aur | 2.6930 | 4600.0 | 84 | 28166 | No |
| 218 | GOM_NL__2PRFIN20070720_193533_000000382060_00056_28166_1012.N1 | 20-JUL-2007 19:35:33 | Dark | 37.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 75 | 28166 | No |
| 219 | GOM_NL__2PRFIN20070720_193747_000000402060_00056_28166_1013.N1 | 20-JUL-2007 19:37:47 | Dark | 39.500 | 7 | 19Bet Ori | 0.10000 | 14000. | 79 | 28166 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|------------|--------|-----|-----------|----------|--------|-----|-------|----|
| 220 | GOM_NL__2PRFIN20070720_194009_000000372060_00056_28166_1014.N1 | 20-JUL-2007 19:40:09 | Dark | 37.000 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 74 | 28166 | No |
| 221 | GOM_NL__2PRFIN20070720_195625_000000332060_00057_28167_1012.N1 | 20-JUL-2007 19:56:25 | Dark | 33.000 | 9 | Alp Eri | 0.45300 | 24000. | 66 | 28167 | No |
| 222 | GOM_NL__2PRFIN20070720_195933_000000382060_00057_28167_1013.N1 | 20-JUL-2007 19:59:33 | Dark | 38.000 | 135 | Bet Hyi | 2.8200 | 5800.0 | 76 | 28167 | No |
| 223 | GOM_NL__2PRFIN20070720_200349_000000422060_00057_28167_1014.N1 | 20-JUL-2007 20:03:49 | Straylight | 41.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 83 | 28167 | No |
| 224 | GOM_NL__2PRFIN20070720_200730_000000382060_00057_28167_1015.N1 | 20-JUL-2007 20:07:30 | Straylight | 37.500 | 45 | Alp Pav | 1.9400 | 26000. | 75 | 28167 | No |
| 225 | GOM_NL__2PRFIN20070720_201523_000000442060_00057_28167_1016.N1 | 20-JUL-2007 20:15:23 | Bright | 43.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 87 | 28167 | No |
| 226 | GOM_NL__2PRFIN20070720_201717_000000372060_00057_28167_1017.N1 | 20-JUL-2007 20:17:17 | Bright | 36.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 73 | 28167 | No |
| 227 | GOM_NL__2PRFIN20070720_201838_000000382060_00057_28167_1018.N1 | 20-JUL-2007 20:18:38 | Bright | 38.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 76 | 28167 | No |
| 228 | GOM_NL__2PRFIN20070720_202635_000000362060_00057_28167_1019.N1 | 20-JUL-2007 20:26:35 | Bright | 35.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 71 | 28167 | No |
| 229 | GOM_NL__2PRFIN20070720_202853_000000352060_00057_28167_1020.N1 | 20-JUL-2007 20:28:53 | Bright | 35.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 70 | 28167 | No |
| 230 | GOM_NL__2PRFIN20070720_203602_000000372060_00057_28167_1021.N1 | 20-JUL-2007 20:36:02 | Bright | 36.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 73 | 28167 | No |
| 231 | GOM_NL__2PRFIN20070720_203932_000000352060_00057_28167_1022.N1 | 20-JUL-2007 20:39:32 | Bright | 34.500 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 69 | 28167 | No |
| 232 | GOM_NL__2PRFIN20070720_204259_000000362060_00057_28167_1023.N1 | 20-JUL-2007 20:42:59 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 28167 | No |
| 233 | GOM_NL__2PRFIN20070720_204713_000000382060_00057_28167_1024.N1 | 20-JUL-2007 20:47:13 | Bright | 37.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 75 | 28167 | No |
| 234 | GOM_NL__2PRFIN20070720_205032_000000362060_00057_28167_1025.N1 | 20-JUL-2007 20:50:32 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 28167 | No |
| 235 | GOM_NL__2PRFIN20070720_210303_000000532060_00057_28167_1026.N1 | 20-JUL-2007 21:03:03 | Bright | 53.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 106 | 28167 | No |
| 236 | GOM_NL__2PRFIN20070720_210654_000000392060_00057_28167_1027.N1 | 20-JUL-2007 21:06:54 | Bright | 38.500 | 114 | 3lot Aur | 2.6930 | 4600.0 | 77 | 28167 | No |
| 237 | GOM_NL__2PRFIN20070720_211609_000000352060_00057_28167_1028.N1 | 20-JUL-2007 21:16:09 | Dark | 34.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 69 | 28167 | No |
| 238 | GOM_NL__2PRFIN20070720_211823_000000362060_00057_28167_1029.N1 | 20-JUL-2007 21:18:23 | Dark | 36.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 72 | 28167 | No |
| 239 | GOM_NL__2PRFIN20070720_212046_000000362060_00057_28167_1030.N1 | 20-JUL-2007 21:20:46 | Dark | 36.000 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 72 | 28167 | No |
| 240 | GOM_NL__2PRFIN20070720_213701_000000302060_00058_28168_1021.N1 | 20-JUL-2007 21:37:01 | Dark | 30.000 | 9 | Alp Eri | 0.45300 | 24000. | 60 | 28168 | No |
| 241 | GOM_NL__2PRFIN20070720_214009_000000372060_00058_28168_1022.N1 | 20-JUL-2007 21:40:09 | Dark | 36.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 73 | 28168 | No |
| 242 | GOM_NL__2PRFIN20070720_214425_000000442060_00058_28168_1023.N1 | 20-JUL-2007 21:44:25 | Straylight | 44.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 88 | 28168 | No |
| 243 | GOM_NL__2PRFIN20070720_214807_000000382060_00058_28168_1024.N1 | 20-JUL-2007 21:48:07 | Straylight | 38.000 | 45 | Alp Pav | 1.9400 | 26000. | 76 | 28168 | No |
| 244 | GOM_NL__2PRFIN20070720_215559_000000402060_00058_28168_1025.N1 | 20-JUL-2007 21:55:59 | Bright | 40.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 80 | 28168 | No |
| 245 | GOM_NL__2PRFIN20070720_215753_000000382060_00058_28168_1026.N1 | 20-JUL-2007 21:57:53 | Bright | 38.000 | 57 | 34Sig Sgr | 2.0660 | 26000. | 76 | 28168 | No |
| 246 | GOM_NL__2PRFIN20070720_215914_000000382060_00058_28168_1027.N1 | 20-JUL-2007 21:59:14 | Bright | 37.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 75 | 28168 | No |
| 247 | GOM_NL__2PRFIN20070720_220711_000000362060_00058_28168_1028.N1 | 20-JUL-2007 22:07:11 | Bright | 35.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 71 | 28168 | No |
| 248 | GOM_NL__2PRFIN20070720_220929_000000372060_00058_28168_1029.N1 | 20-JUL-2007 22:09:29 | Bright | 36.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 73 | 28168 | No |
| 249 | GOM_NL__2PRFIN20070720_221638_000000352060_00058_28168_1030.N1 | 20-JUL-2007 22:16:38 | Bright | 34.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 69 | 28168 | No |
| 250 | GOM_NL__2PRFIN20070720_222007_000000372060_00058_28168_1031.N1 | 20-JUL-2007 22:20:07 | Bright | 36.500 | 69 | 33Gam Dra | 2.2310 | 3800.0 | 73 | 28168 | No |
| 251 | GOM_NL__2PRFIN20070720_222335_000000372060_00058_28168_1032.N1 | 20-JUL-2007 22:23:35 | Bright | 36.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 73 | 28168 | No |
| 252 | GOM_NL__2PRFIN20070720_222749_000000332060_00058_28168_1033.N1 | 20-JUL-2007 22:27:49 | Bright | 32.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 65 | 28168 | No |
| 253 | GOM_NL__2PRFIN20070720_223108_000000372060_00058_28168_1034.N1 | 20-JUL-2007 22:31:08 | Bright | 36.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 73 | 28168 | No |
| 254 | GOM_NL__2PRFIN20070720_224338_000000372060_00058_28168_1035.N1 | 20-JUL-2007 22:43:38 | Bright | 37.000 | 6 | 13Alp Aur | 0.080000 | 3400.0 | 74 | 28168 | No |
| 255 | GOM_NL__2PRFIN20070720_224730_000000542060_00058_28168_1036.N1 | 20-JUL-2007 22:47:30 | Bright | 54.000 | 114 | 3lot Aur | 2.6930 | 4600.0 | 108 | 28168 | No |
| 256 | GOM_NL__2PRFIN20070720_225645_000000352060_00058_28168_1037.N1 | 20-JUL-2007 22:56:45 | Dark | 34.500 | 30 | 46Eps Ori | 1.6940 | 30000. | 69 | 28168 | No |
| 257 | GOM_NL__2PRFIN20070720_225859_000000382060_00058_28168_1038.N1 | 20-JUL-2007 22:58:59 | Dark | 38.000 | 7 | 19Bet Ori | 0.10000 | 14000. | 76 | 28168 | No |
| 258 | GOM_NL__2PRFIN20070720_230122_000000392060_00058_28168_1039.N1 | 20-JUL-2007 23:01:22 | Dark | 38.500 | 101 | 11Alp Lep | 2.5820 | 7000.0 | 77 | 28168 | No |
| 259 | GOM_NL__2PRFIN20070720_231738_000000302060_00059_28169_1050.N1 | 20-JUL-2007 23:17:38 | Dark | 30.000 | 9 | Alp Eri | 0.45300 | 24000. | 60 | 28169 | No |
| 260 | GOM_NL__2PRFIN20070720_232045_000000372060_00059_28169_1051.N1 | 20-JUL-2007 23:20:45 | Dark | 36.500 | 135 | Bet Hyi | 2.8200 | 5800.0 | 73 | 28169 | No |
| 261 | GOM_NL__2PRFIN20070720_232501_000000402060_00059_28169_1052.N1 | 20-JUL-2007 23:25:01 | Straylight | 40.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 80 | 28169 | No |
| 262 | GOM_NL__2PRFIN20070720_232843_000000372060_00059_28169_1053.N1 | 20-JUL-2007 23:28:43 | Straylight | 37.000 | 45 | Alp Pav | 1.9400 | 26000. | 74 | 28169 | No |
| 263 | GOM_NL__2PRFIN20070720_233635_000000392060_00059_28169_1054.N1 | 20-JUL-2007 23:36:35 | Bright | 39.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 78 | 28169 | No |
| 264 | GOM_NL__2PRFIN20070720_233829_000000392060_00059_28169_1055.N1 | 20-JUL-2007 23:38:29 | Bright | 38.500 | 57 | 34Sig Sgr | 2.0660 | 26000. | 77 | 28169 | No |
| 265 | GOM_NL__2PRFIN20070720_233950_000000382060_00059_28169_1056.N1 | 20-JUL-2007 23:39:50 | Bright | 38.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 76 | 28169 | No |
| 266 | GOM_NL__2PRFIN20070720_234747_000000372060_00059_28169_1057.N1 | 20-JUL-2007 23:47:47 | Bright | 37.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 74 | 28169 | No |
| 267 | GOM_NL__2PRFIN20070720_235005_000000362060_00059_28169_1058.N1 | 20-JUL-2007 23:50:05 | Bright | 36.000 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 72 | 28169 | No |
| 268 | GOM_NL__2PRFIN20070720_235714_000000372060_00059_28169_1059.N1 | 20-JUL-2007 23:57:14 | Bright | 37.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 74 | 28169 | No |

3. Quality information per product

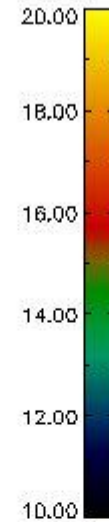
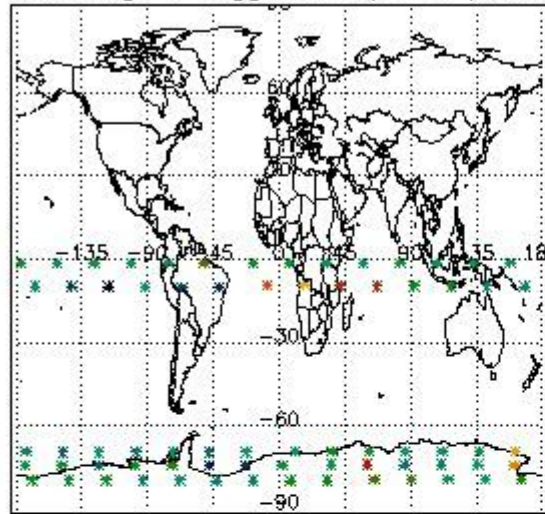
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

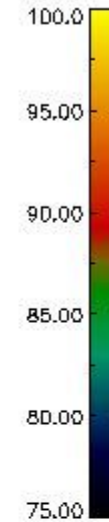
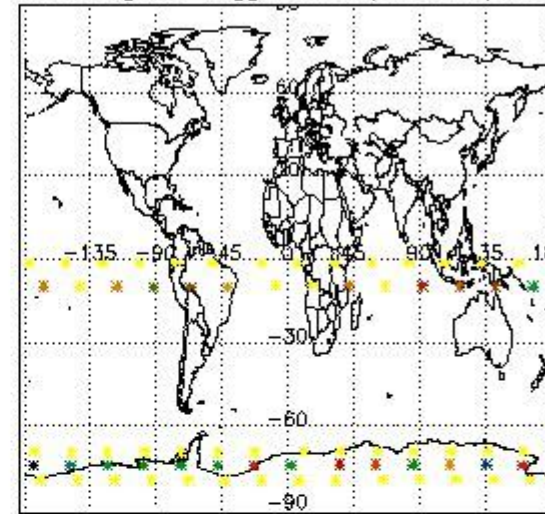


3.2 Plot quality information per product (world map)

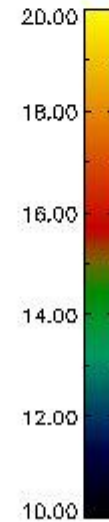
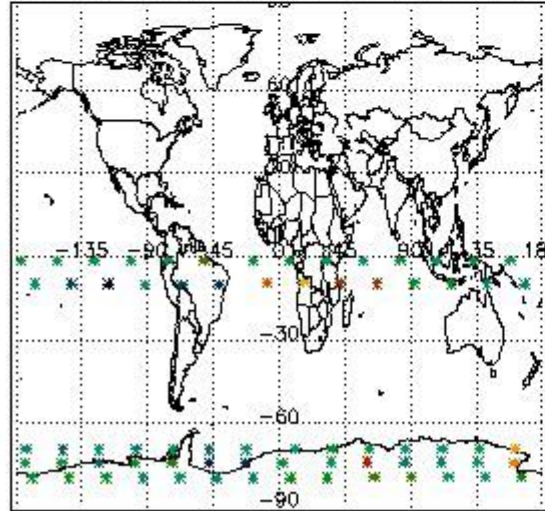
Percentage of flagged data per O3 profile



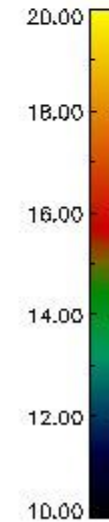
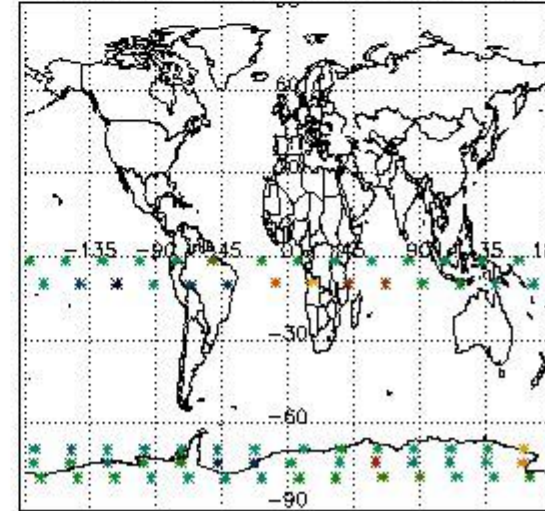
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

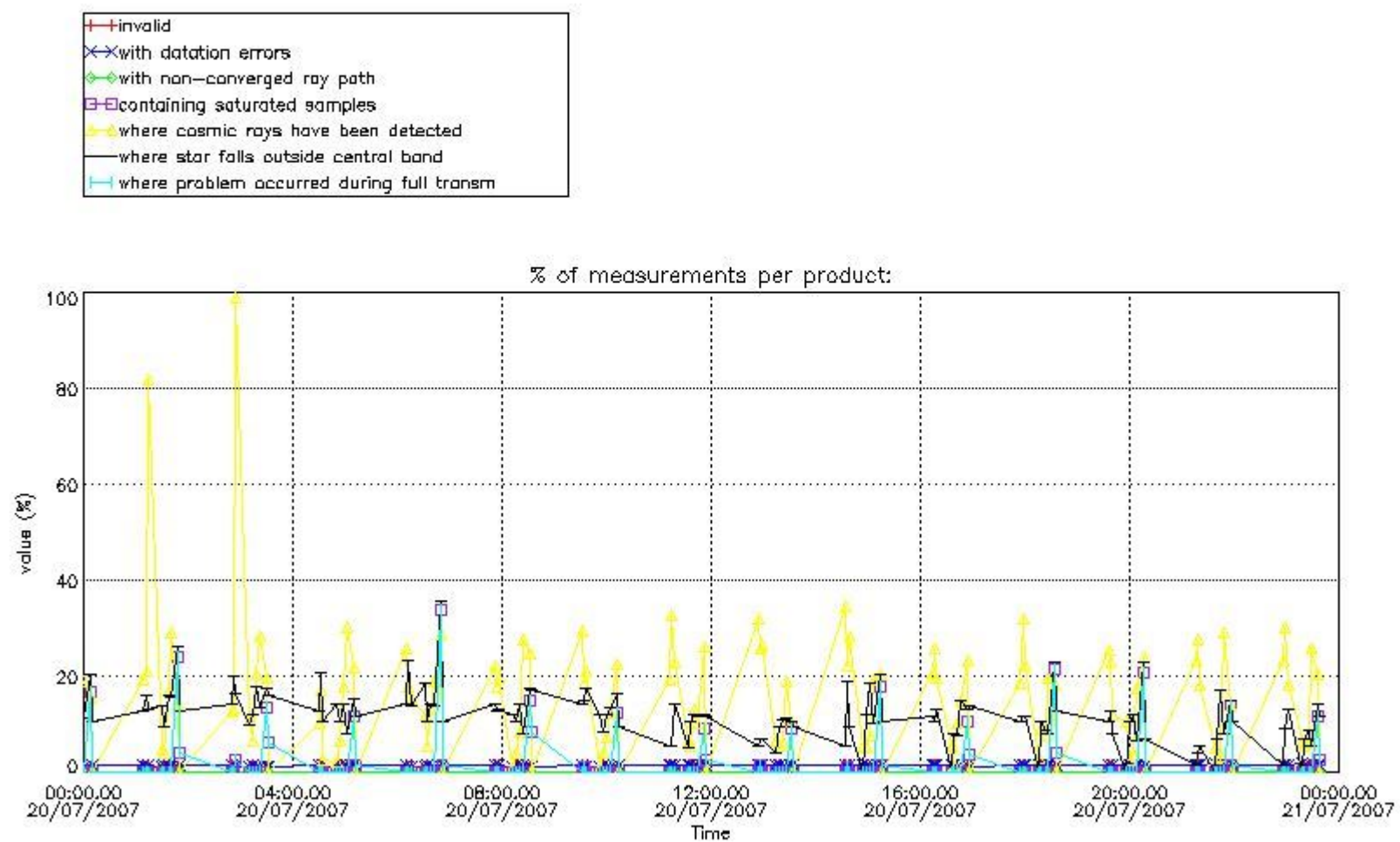


4. Level 1 quality information per product

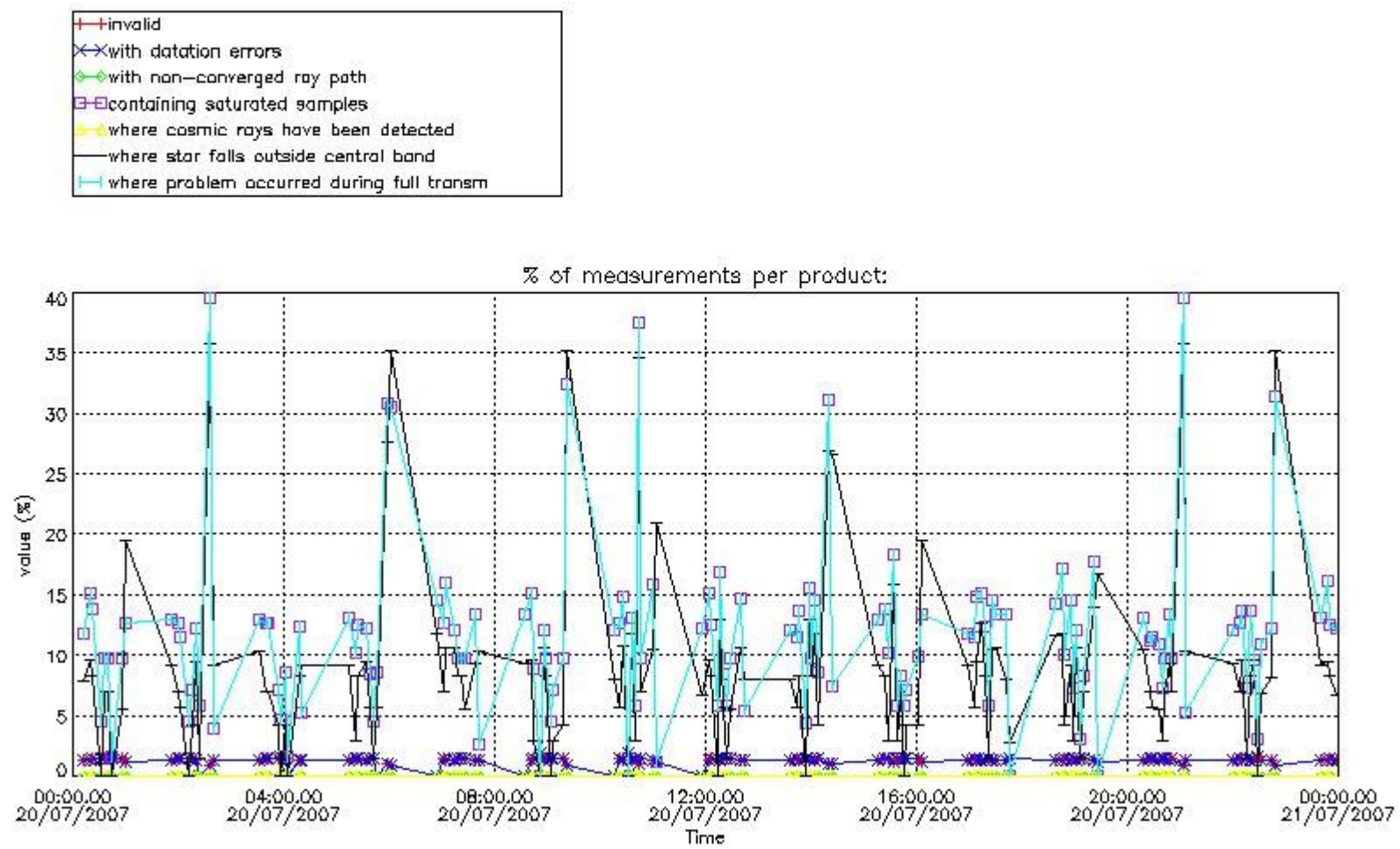
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

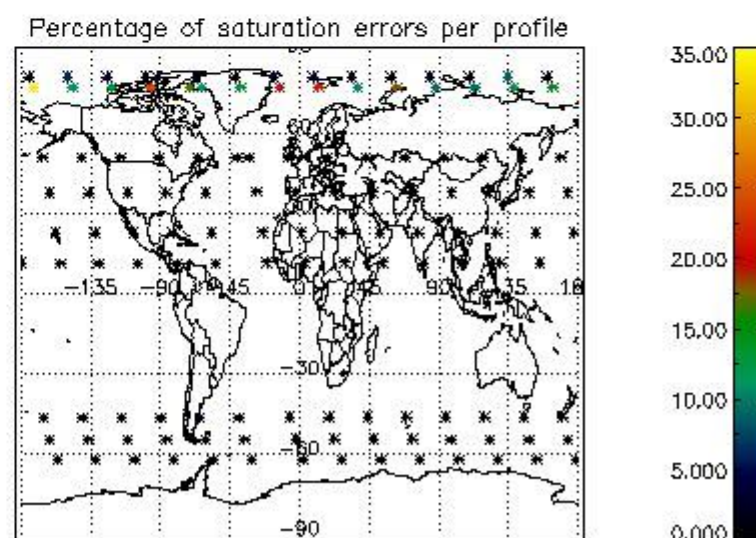
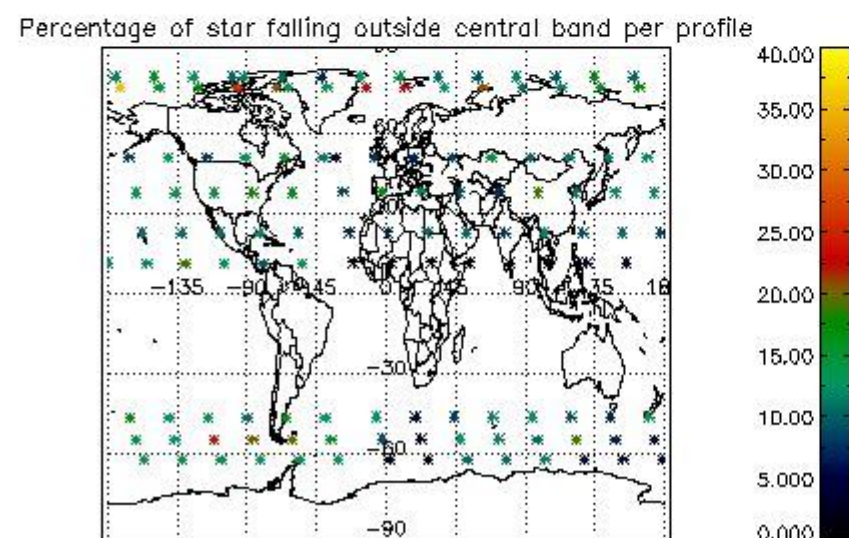
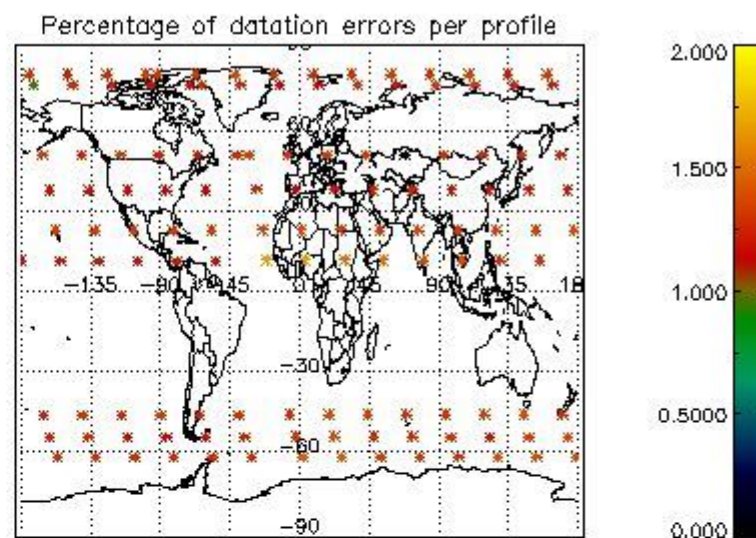
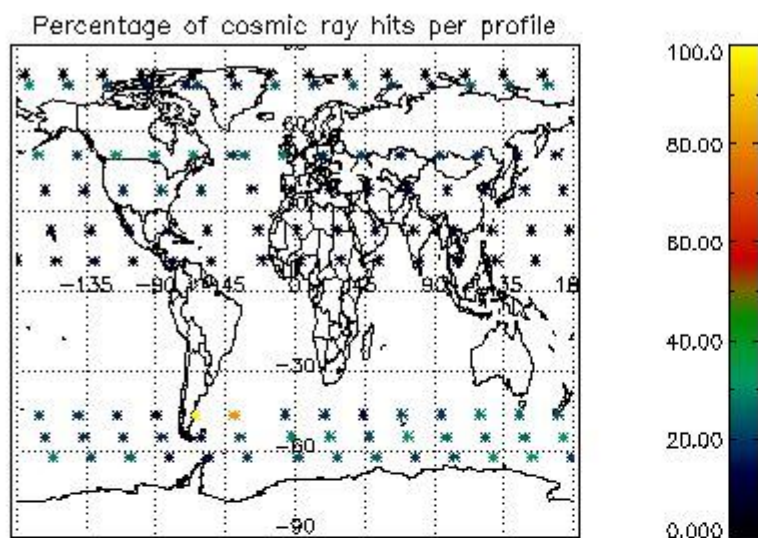


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

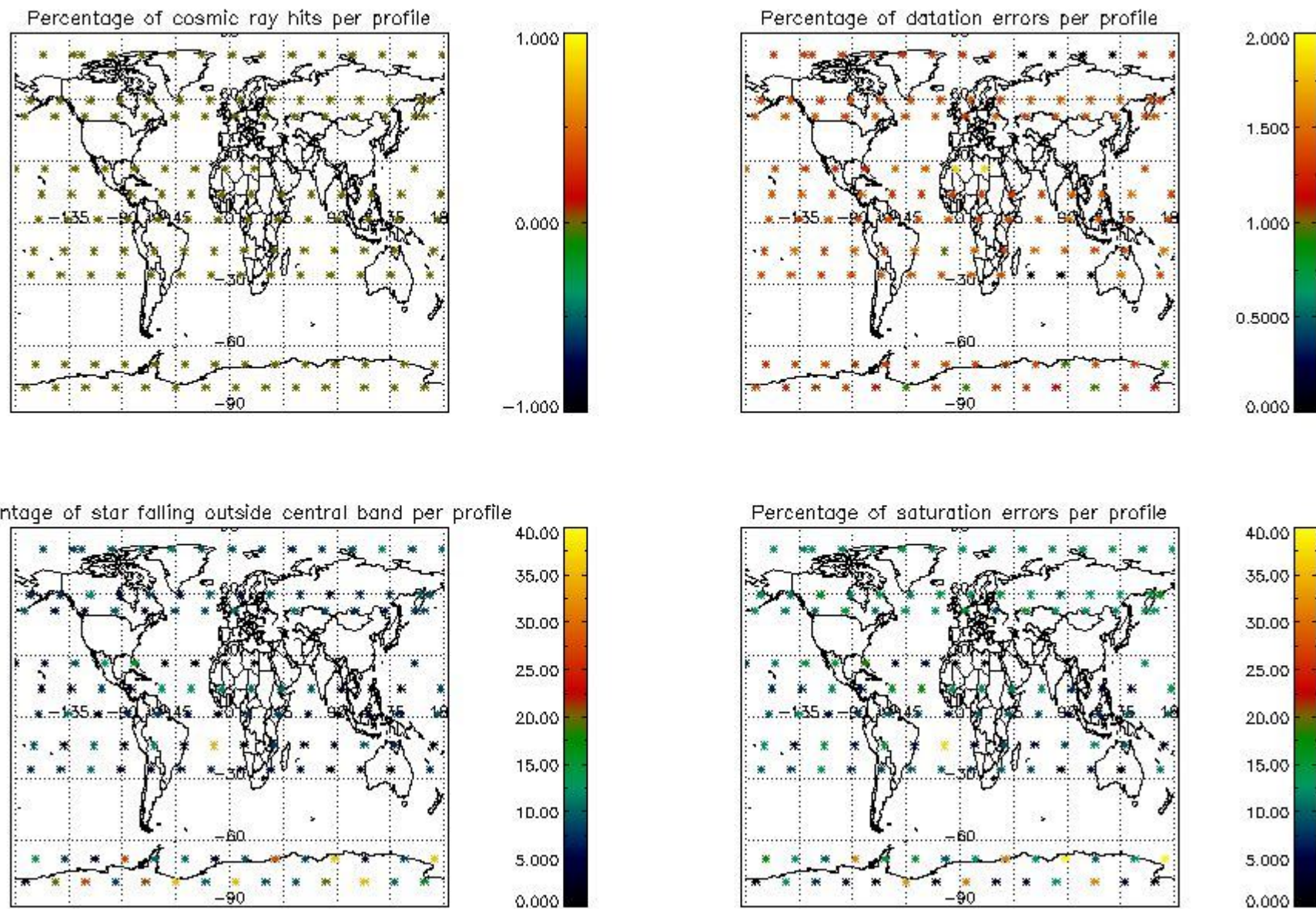


4.2 Plot quality information per product coming from level 1b processing (world map)

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

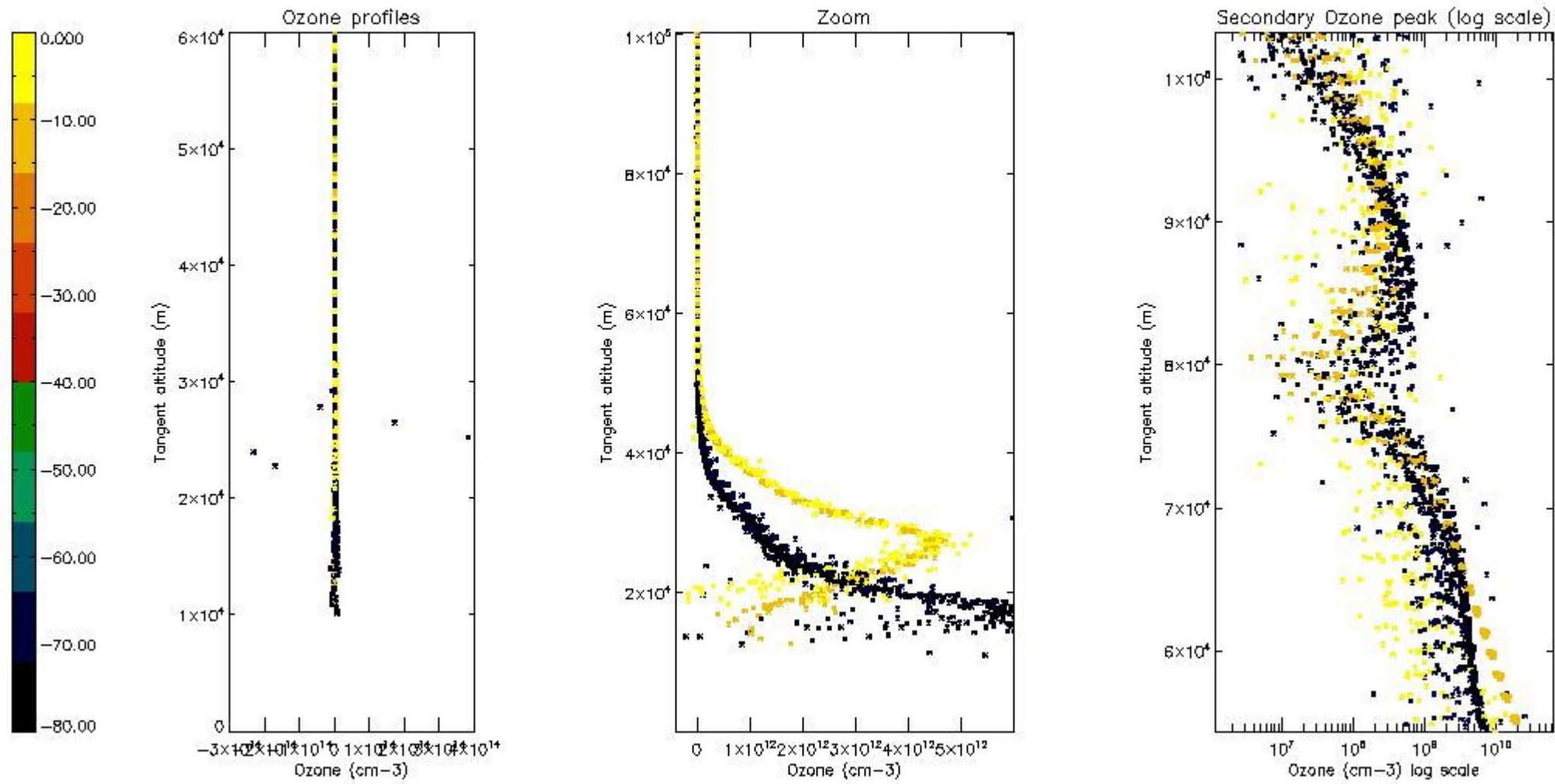
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 27 |
| STD < 20 | 16 |

| | |
|----------|----|
| STD < 10 | 13 |
| STD < 5 | 9 |

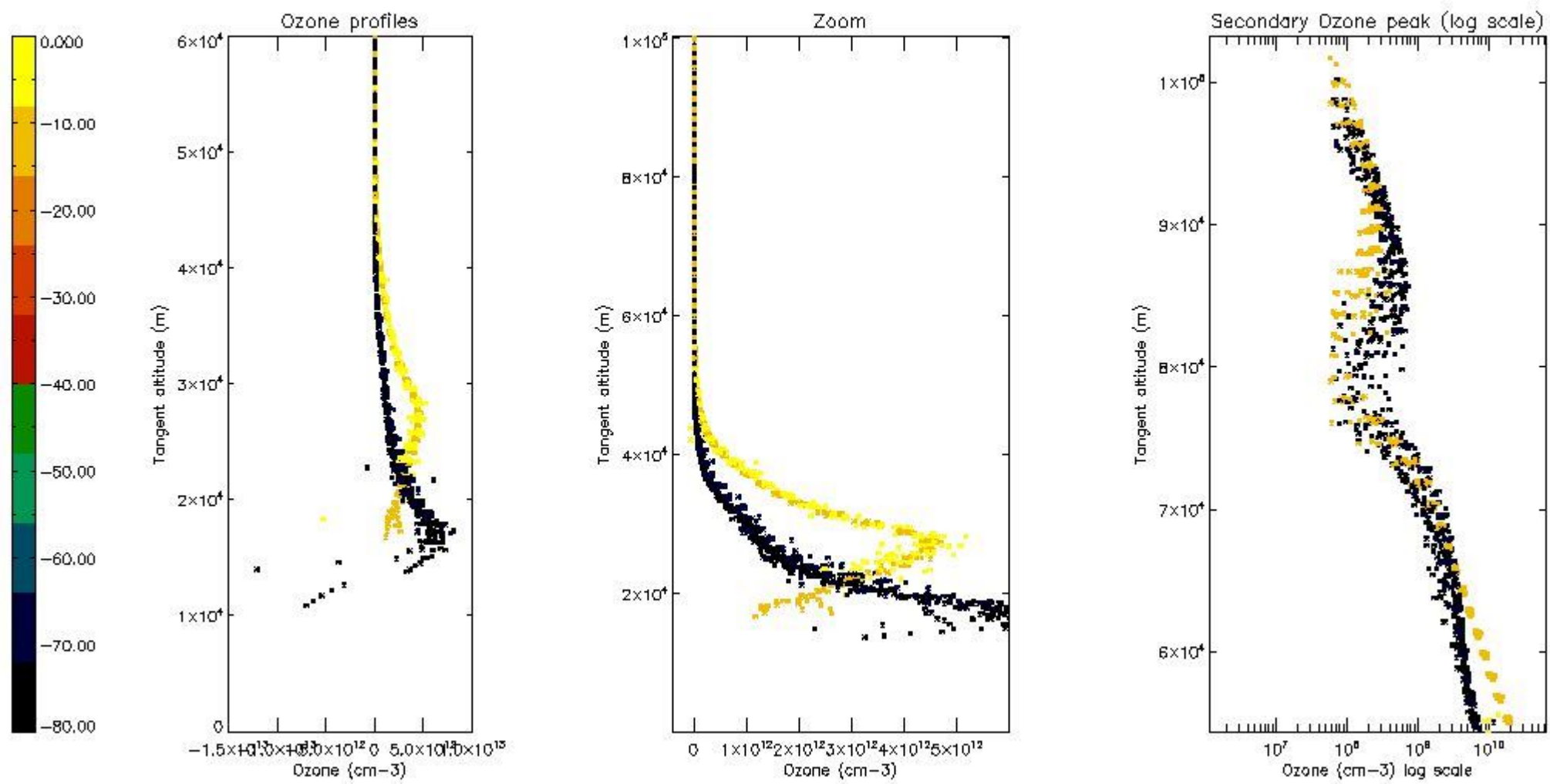
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



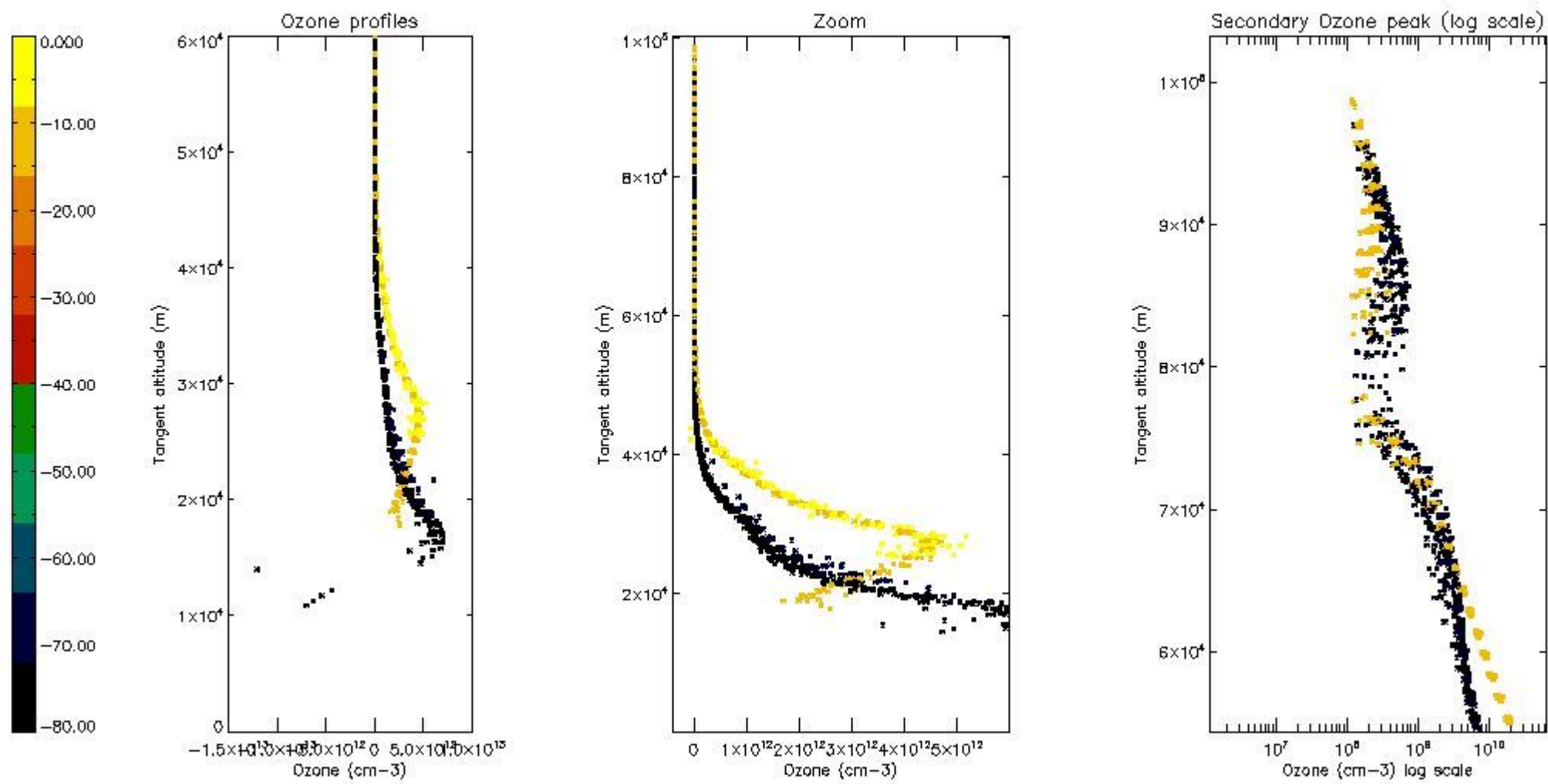
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



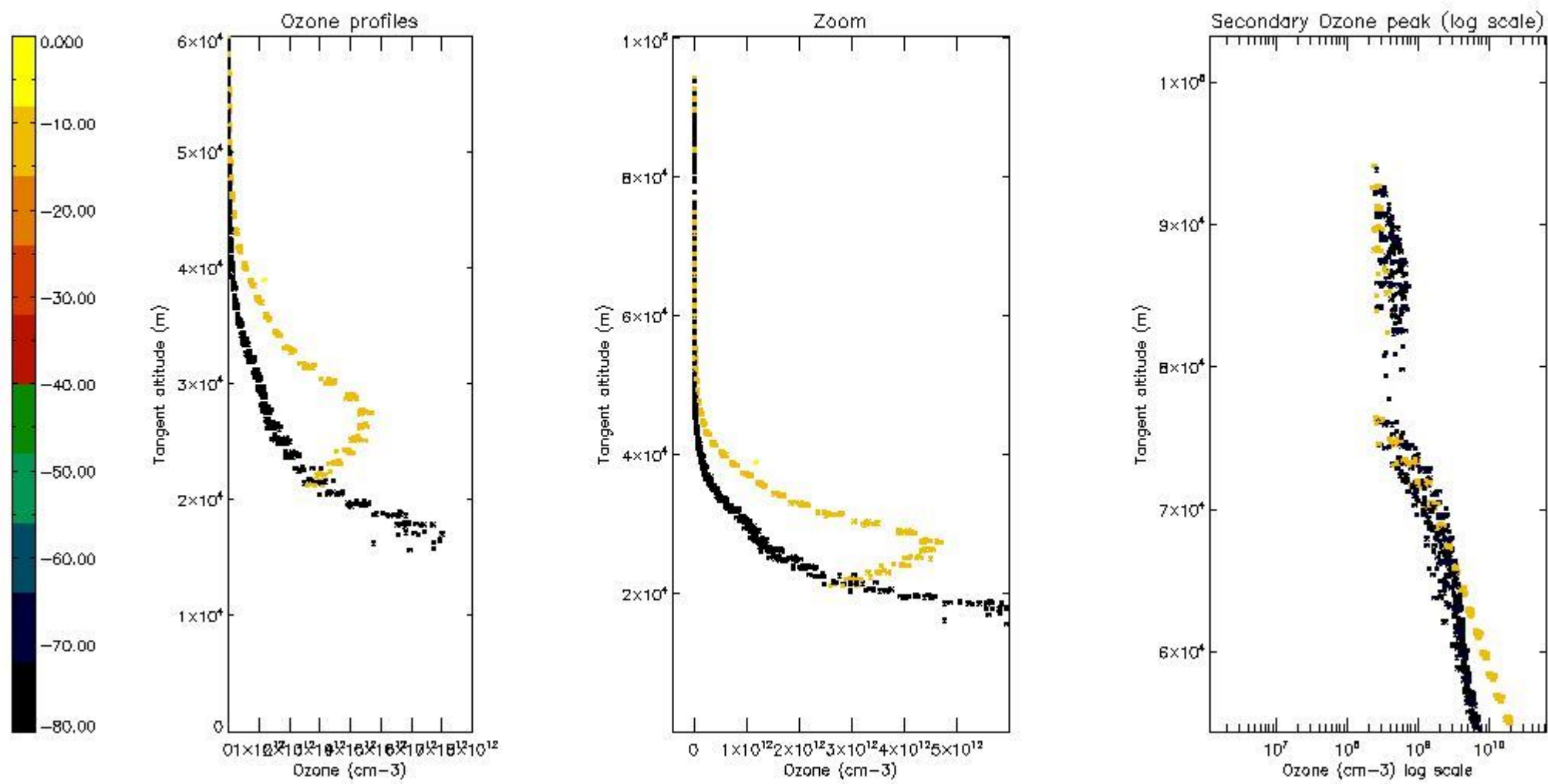
5.4 Plot ozone profiles where $STD < 10\%$ (dark without errors)

The colorbar represents the latitude.



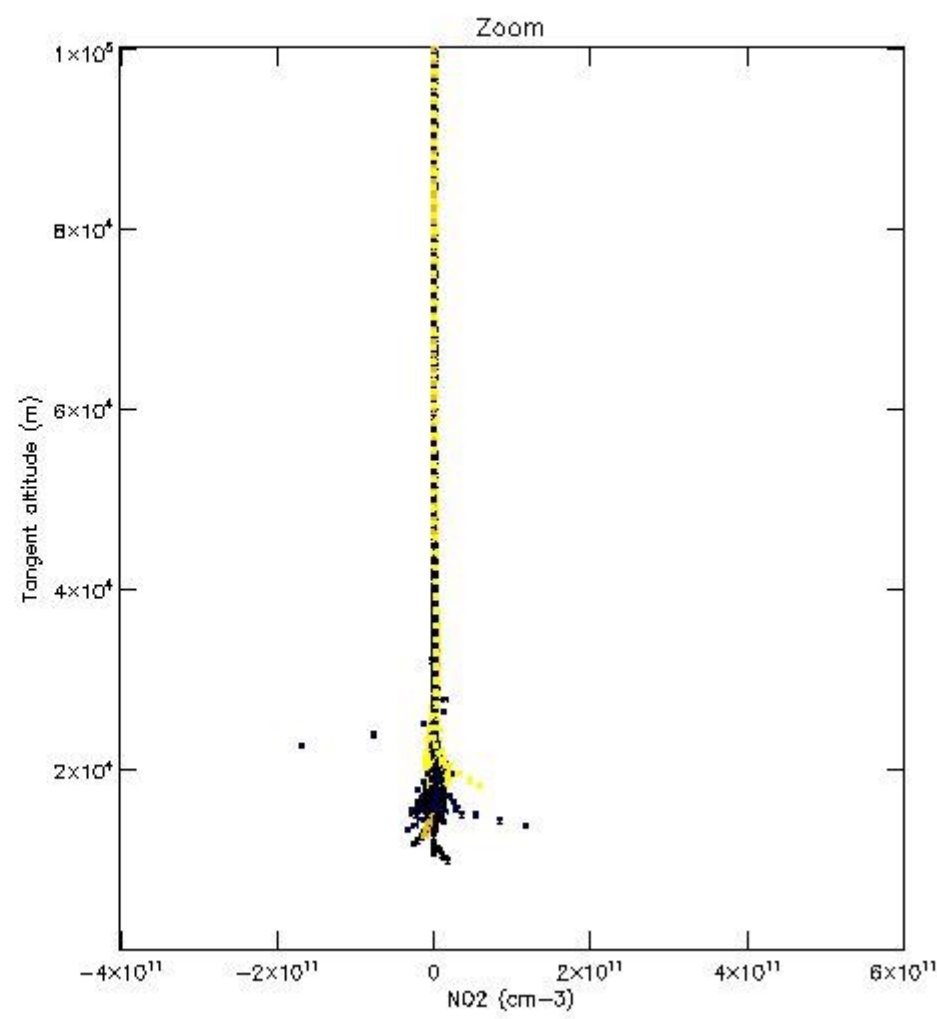
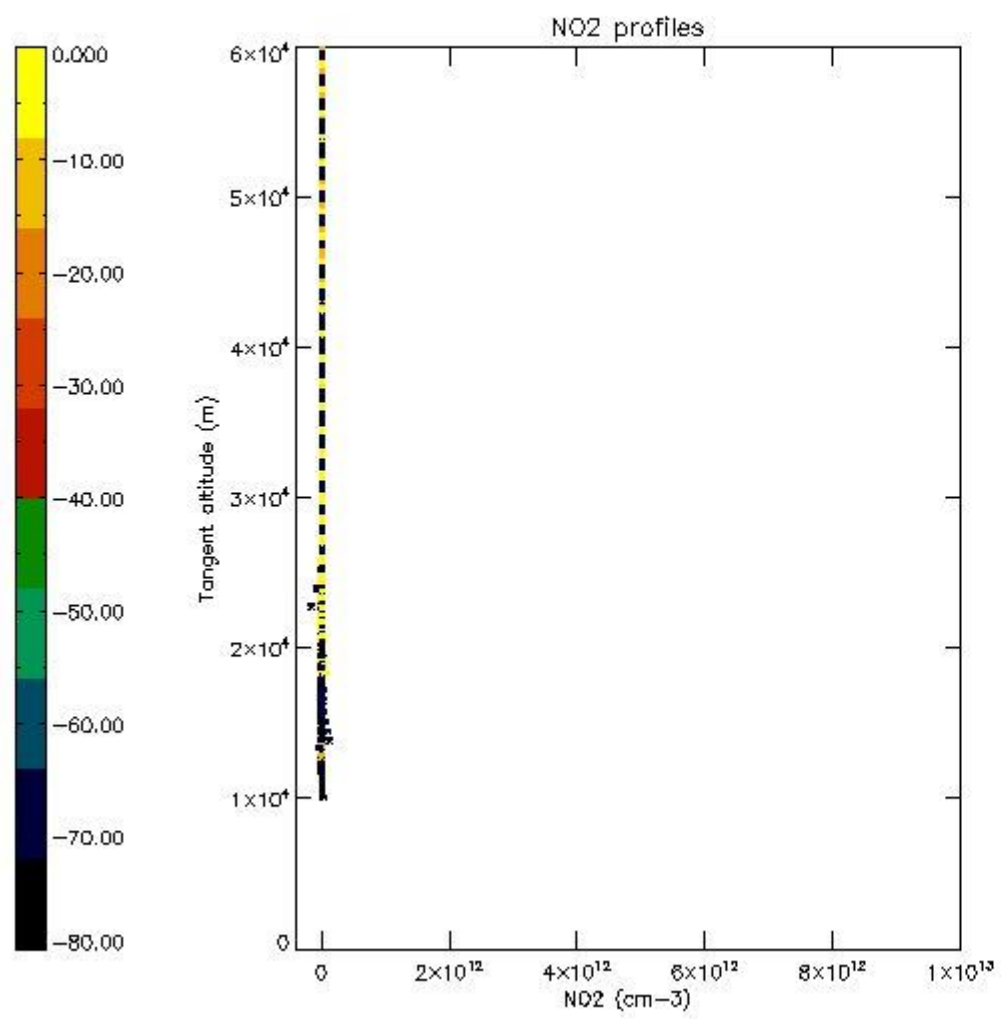
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



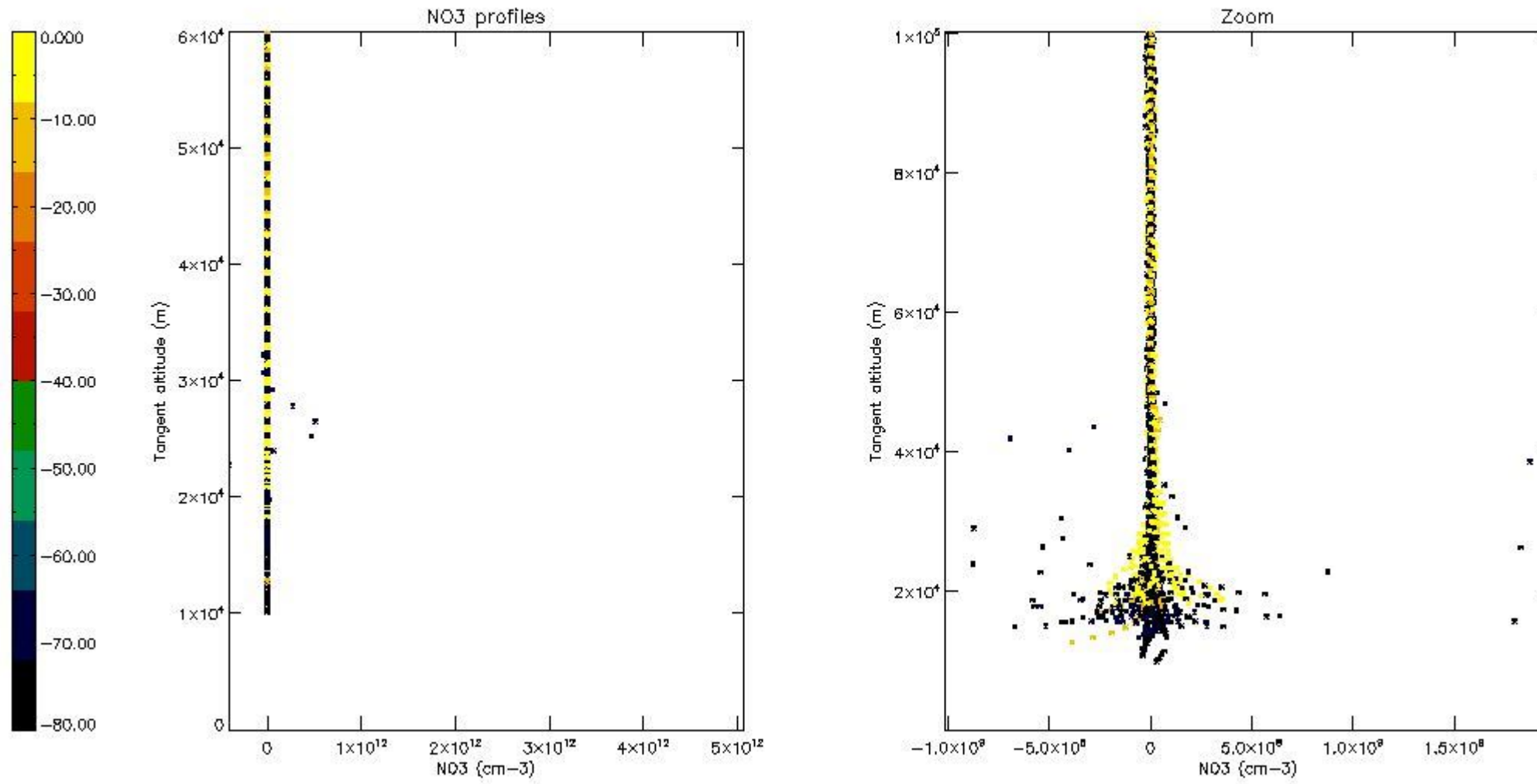
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

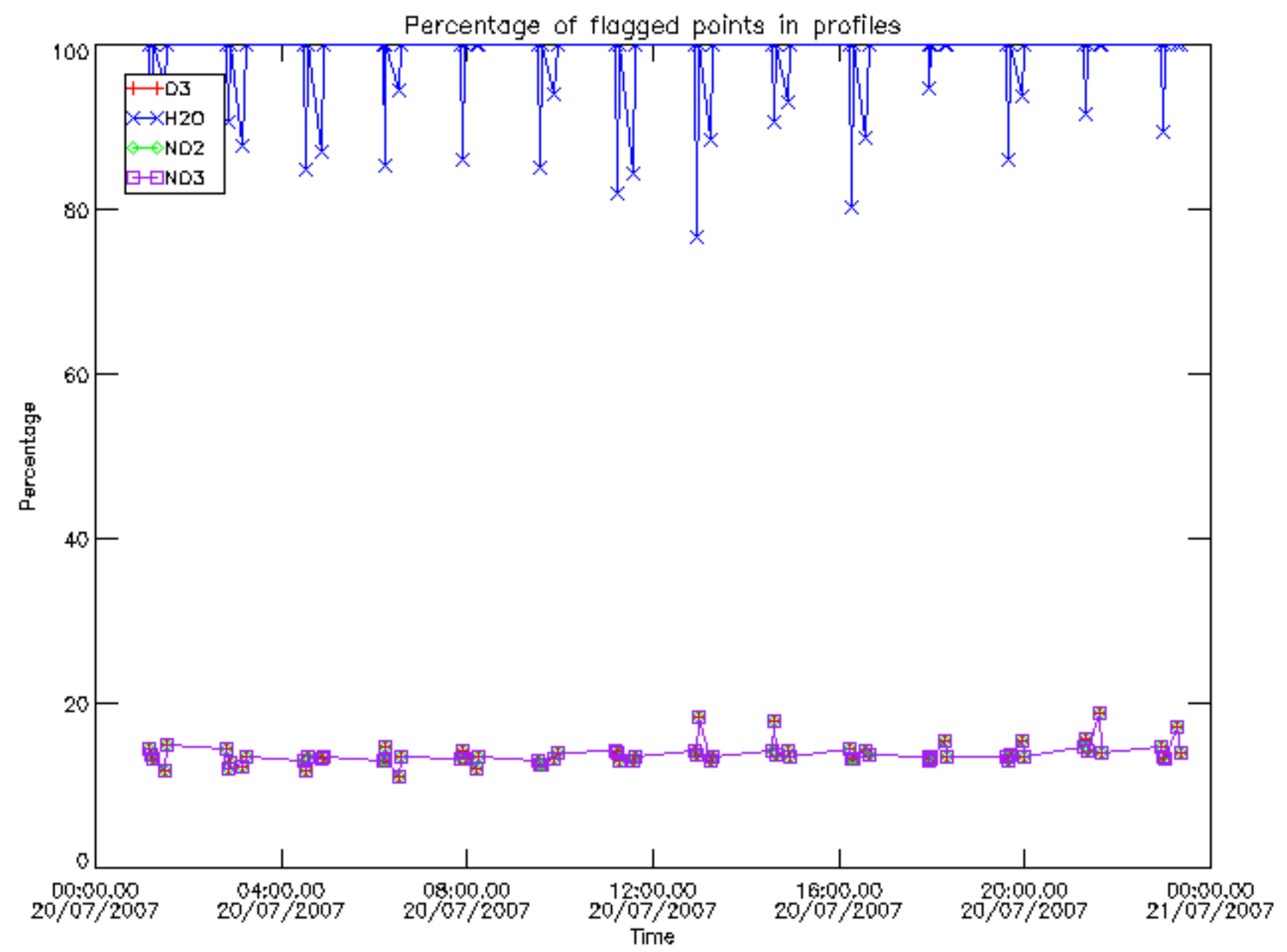
The colorbar represents the latitude.



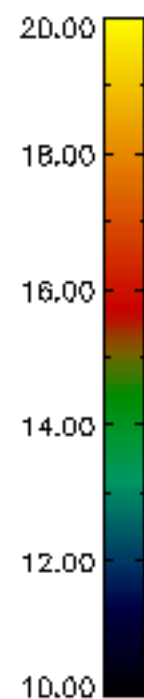
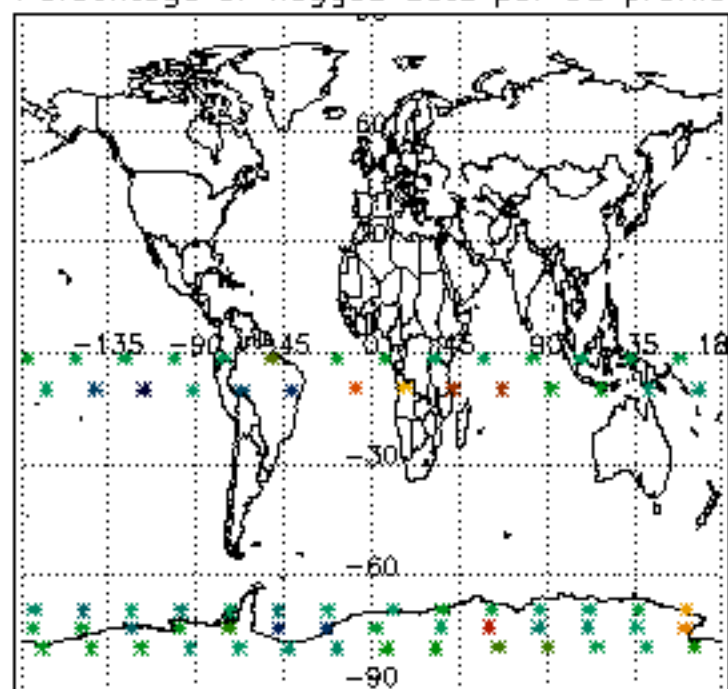
6. Auxiliary Data Files used for the production reported in section 2

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

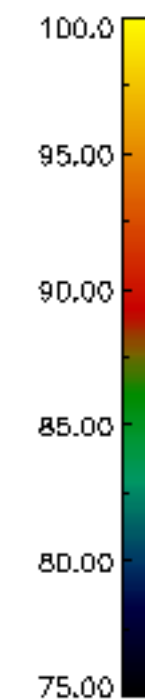
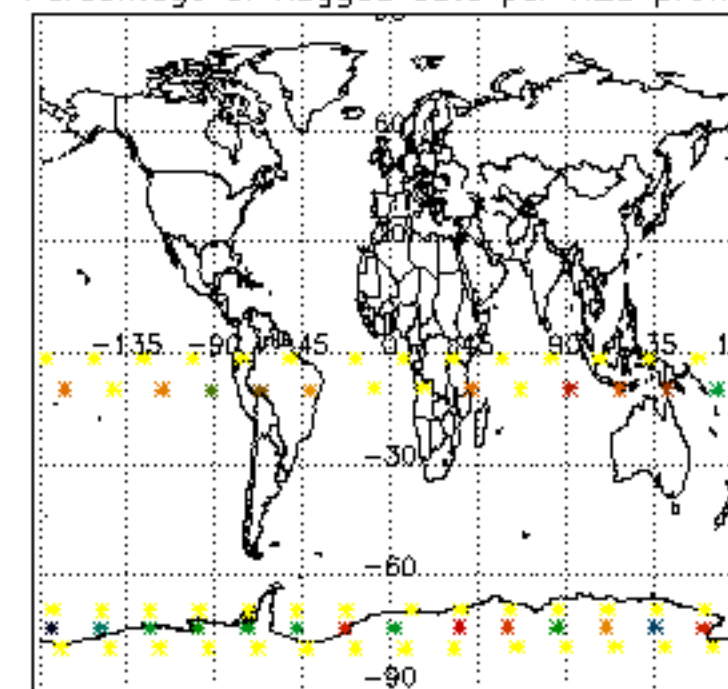
| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1 | 20-JUL-2007 00:00:15 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 20-JUL-2007 00:00:15 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 20-JUL-2007 00:00:15 |



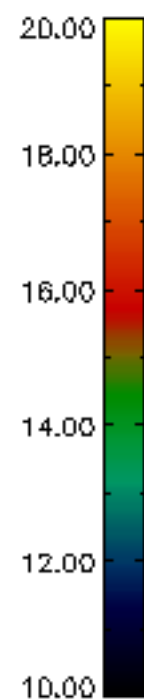
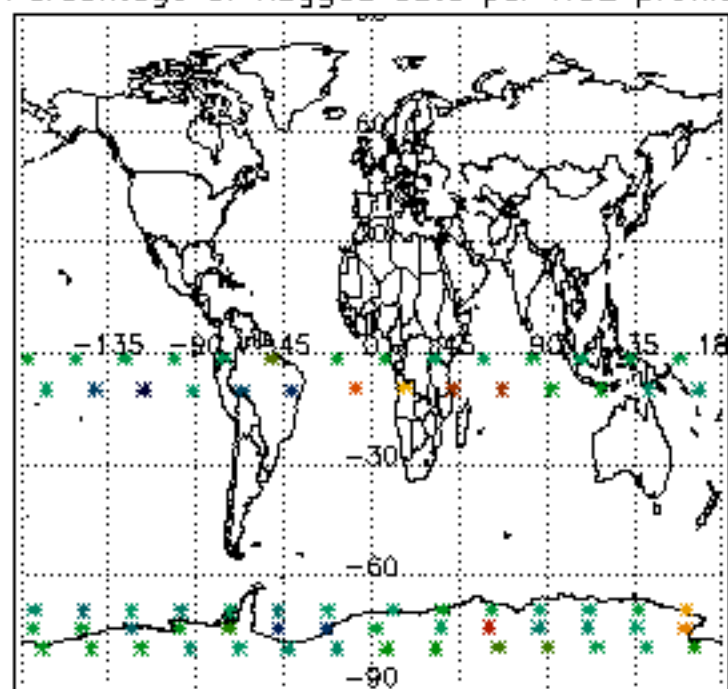
Percentage of flagged data per D3 profile



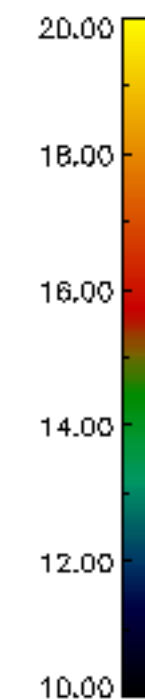
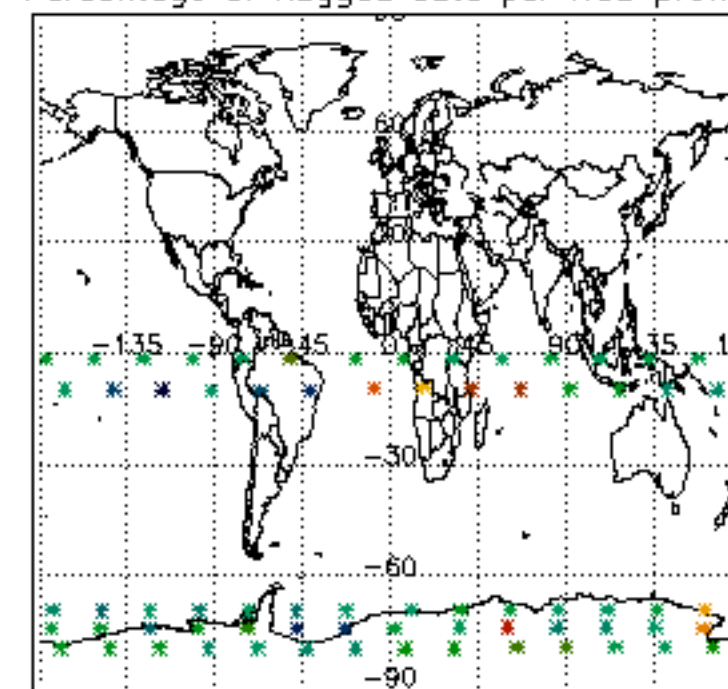
Percentage of flagged data per H2O profile

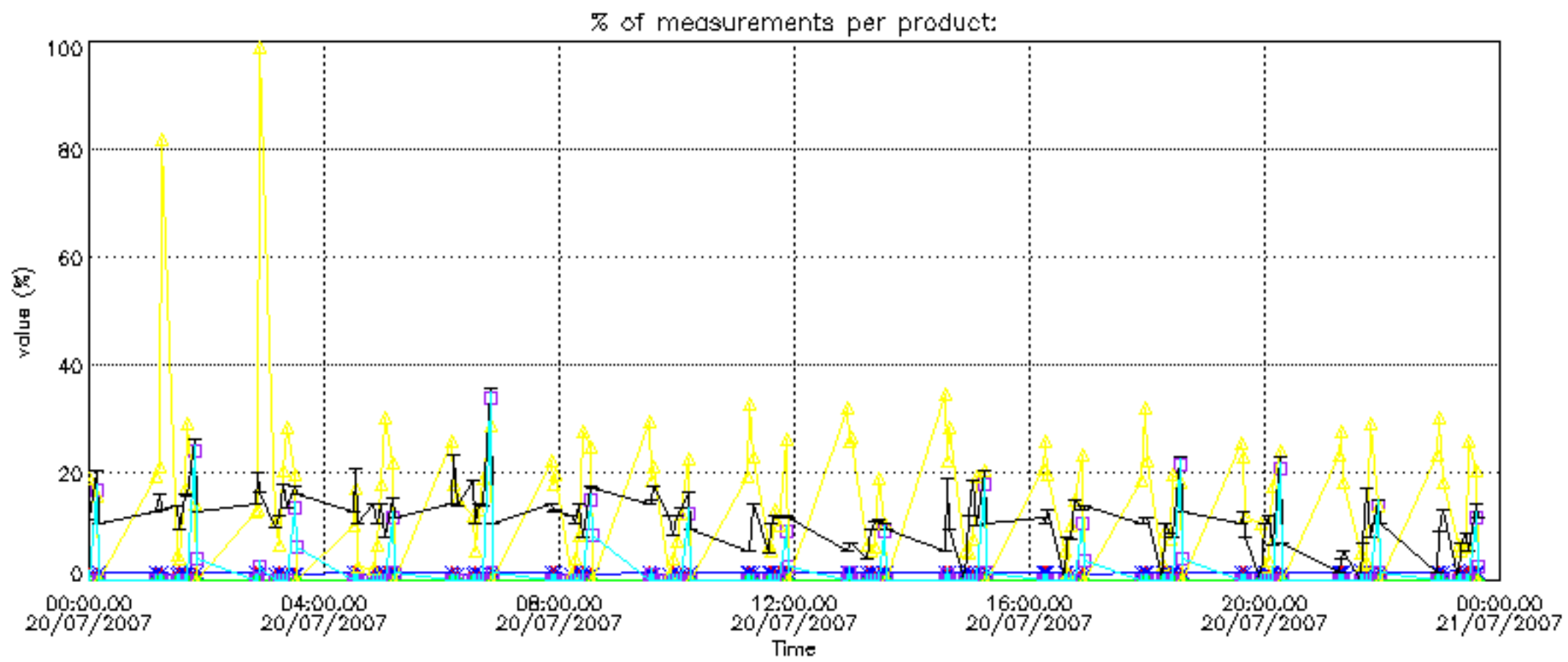


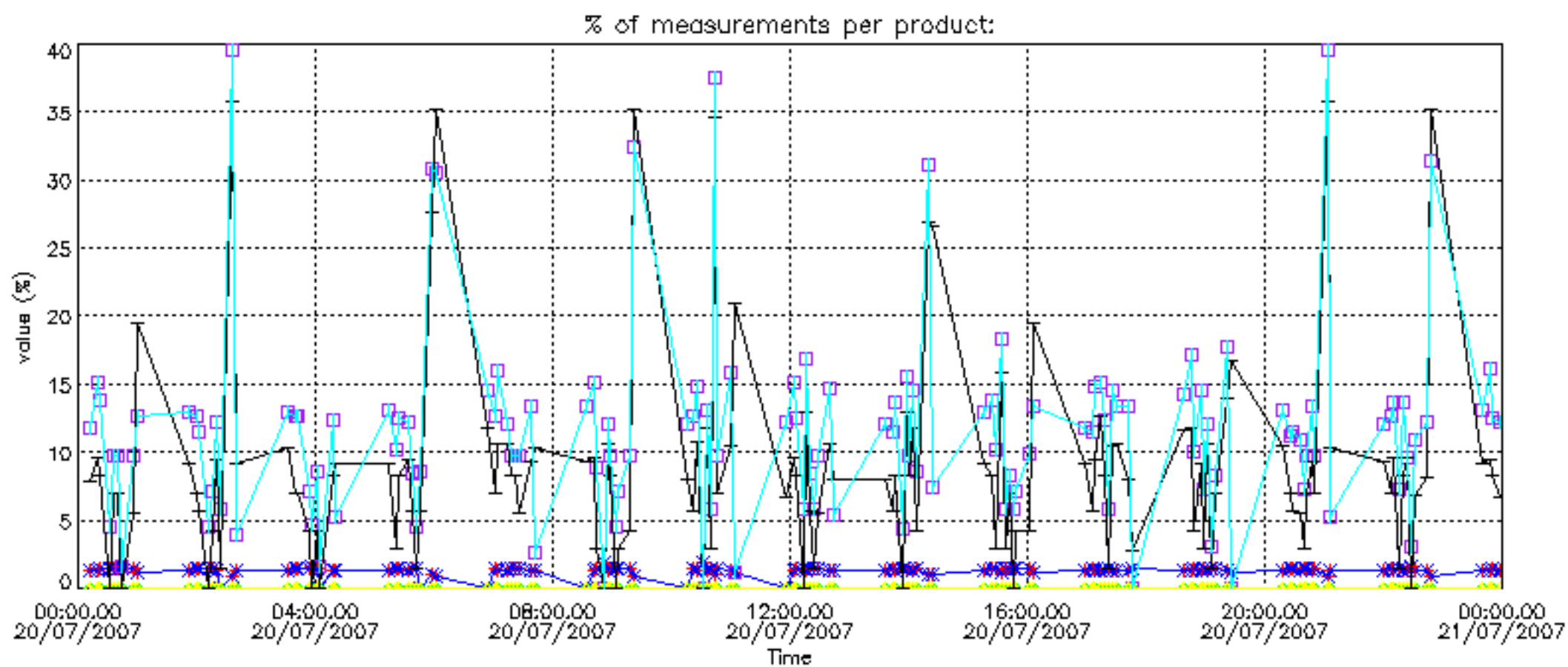
Percentage of flagged data per NO2 profile



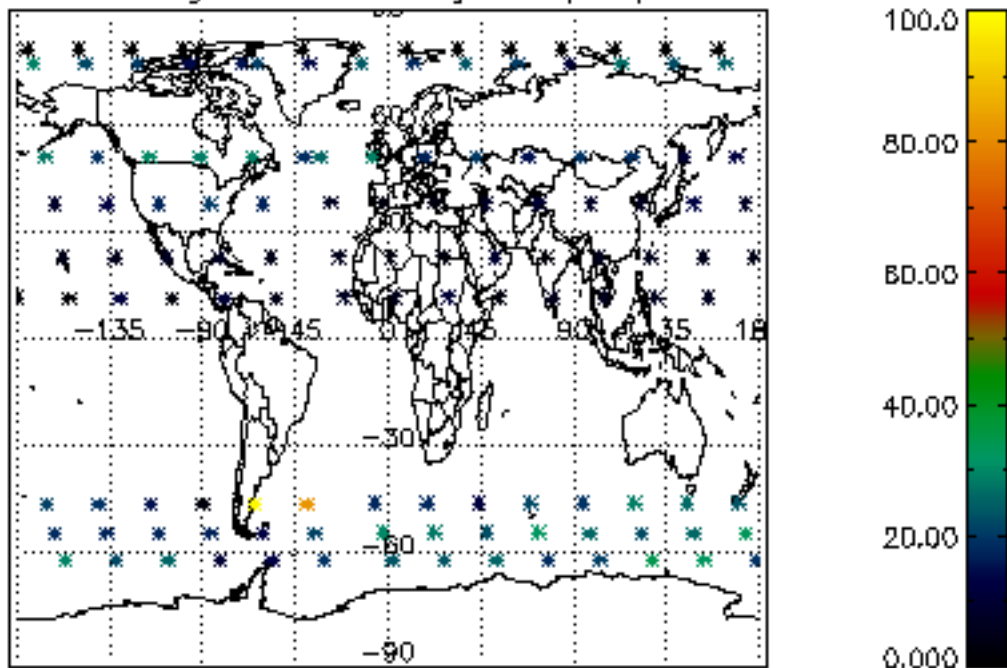
Percentage of flagged data per NO3 profile



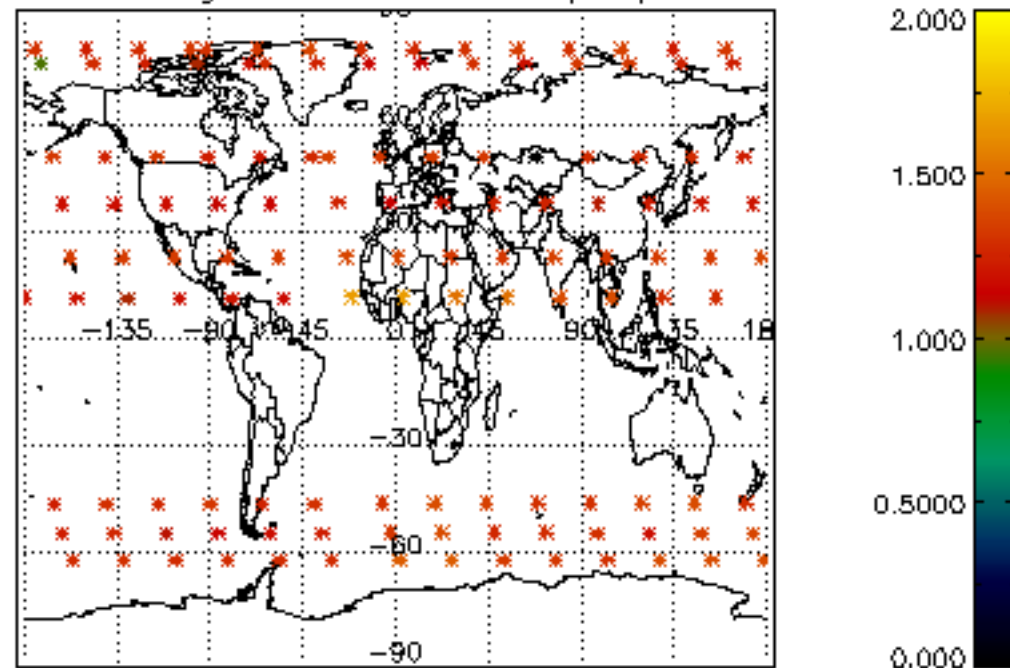




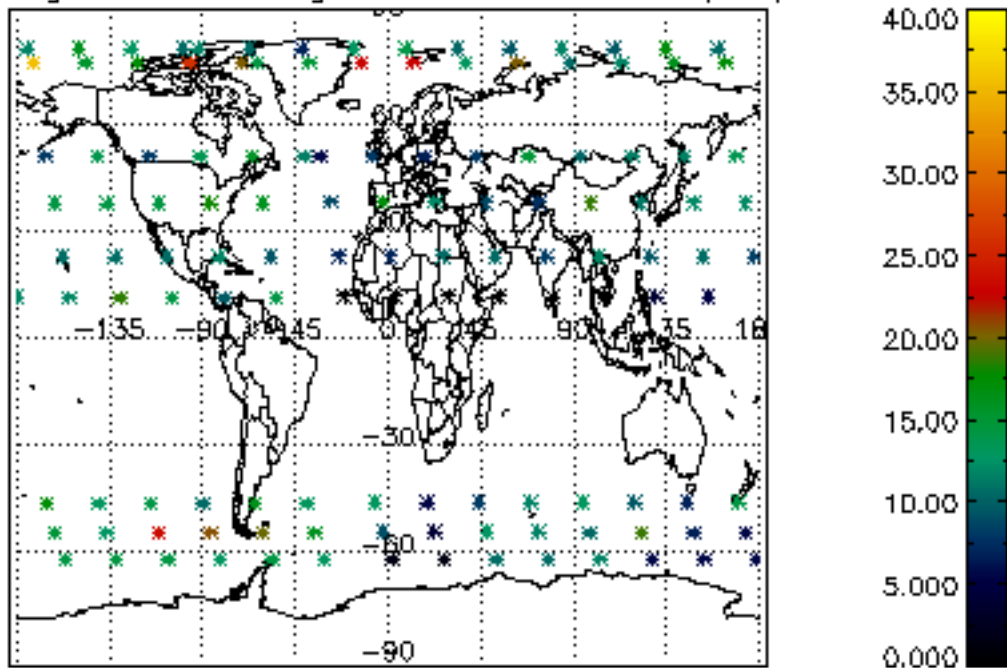
Percentage of cosmic ray hits per profile



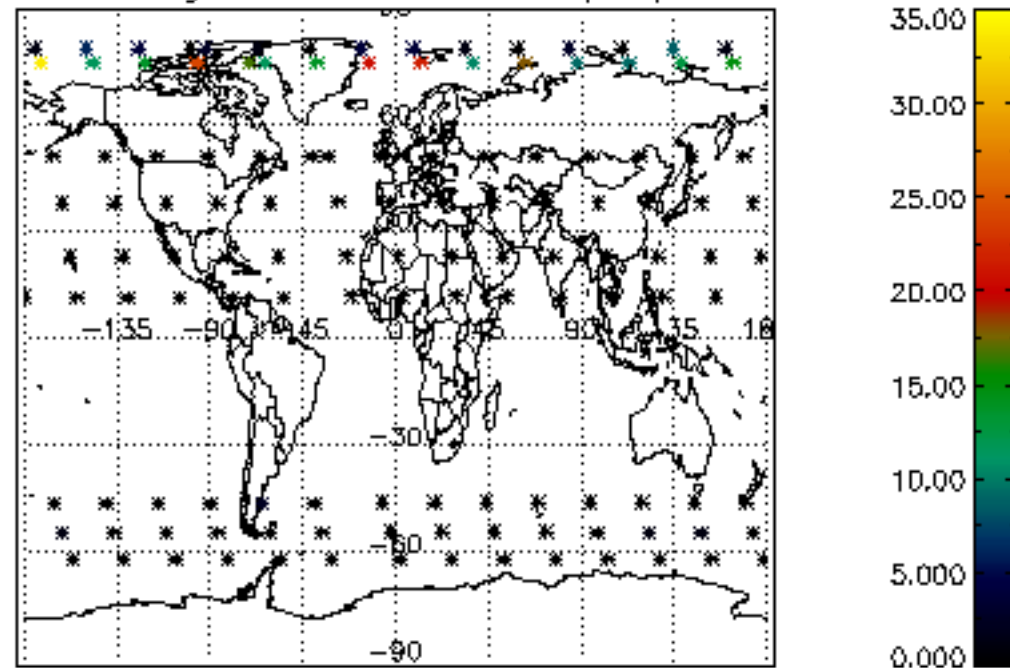
Percentage of datation errors per profile



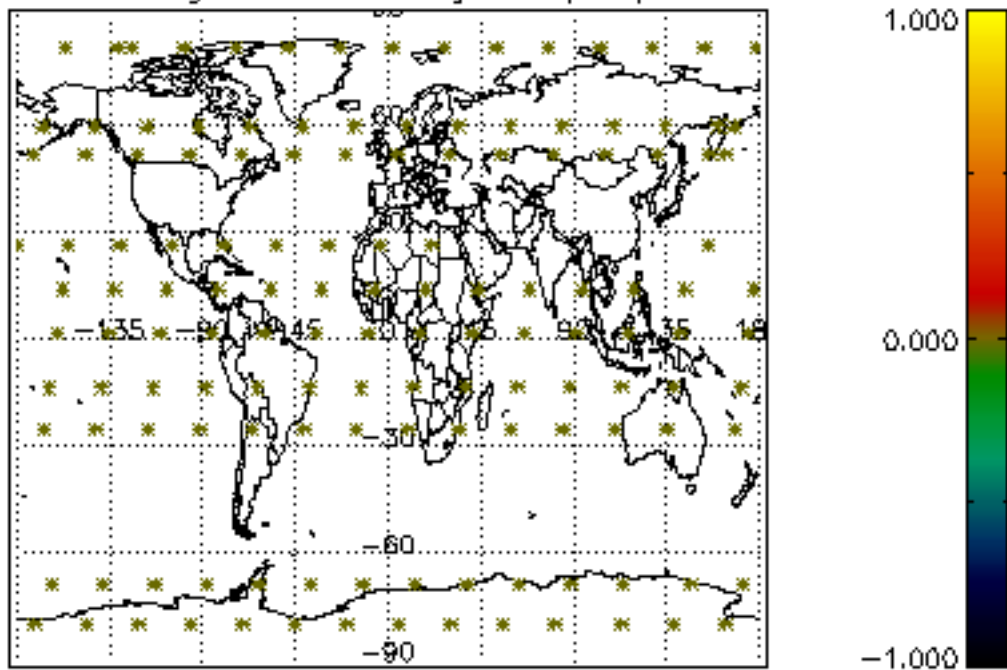
Percentage of star falling outside central band per profile



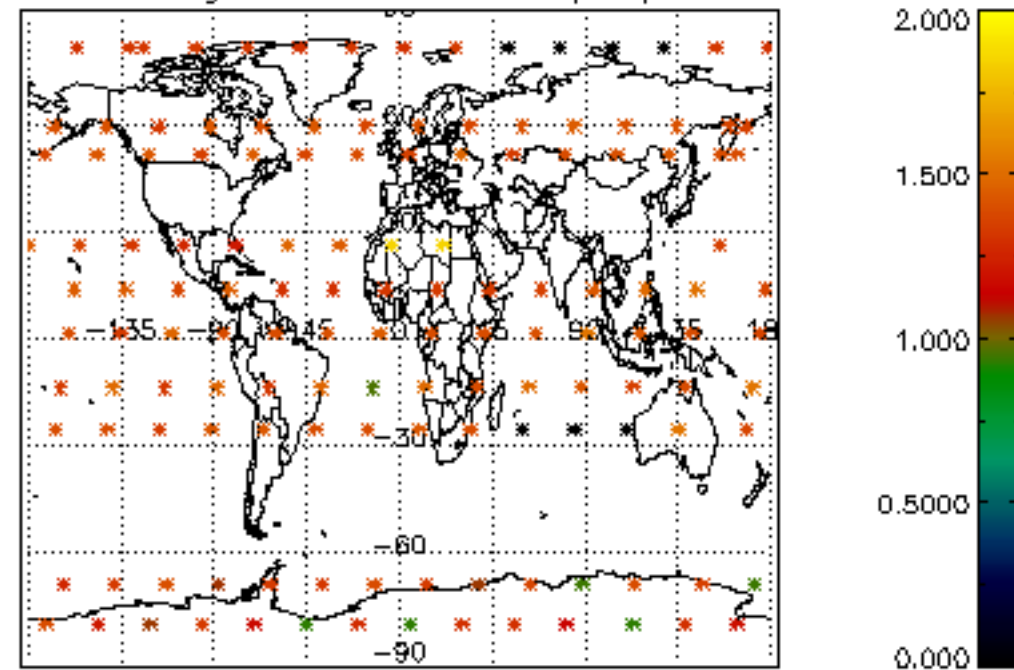
Percentage of saturation errors per profile



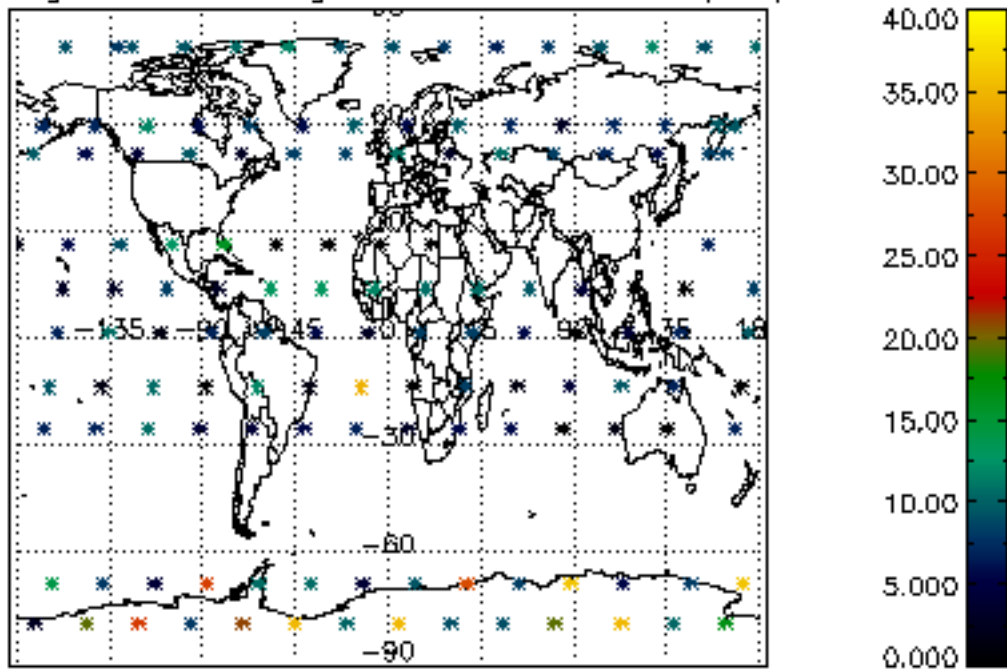
Percentage of cosmic ray hits per profile



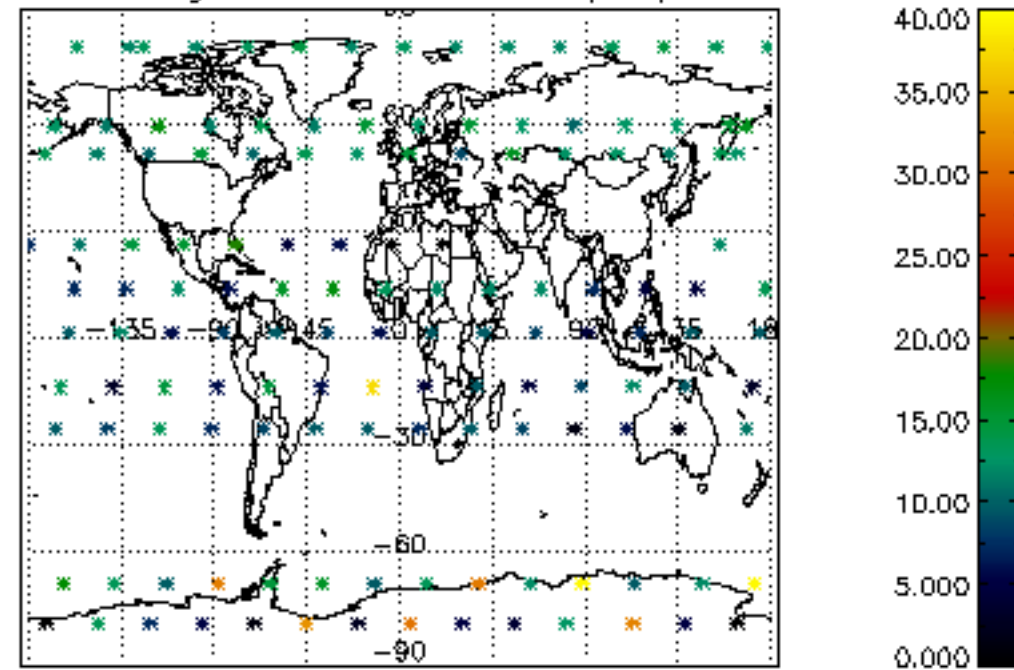
Percentage of datation errors per profile

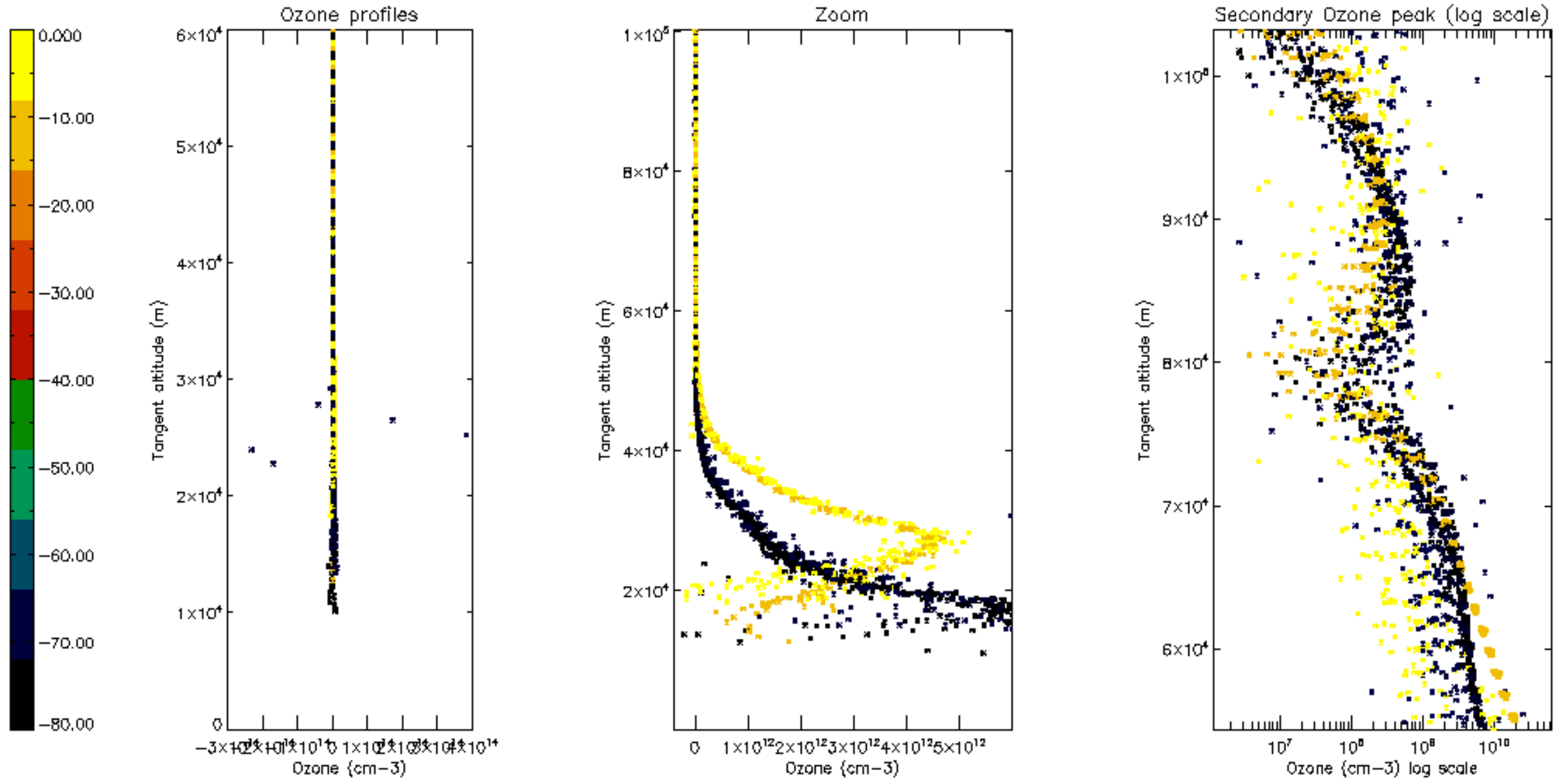


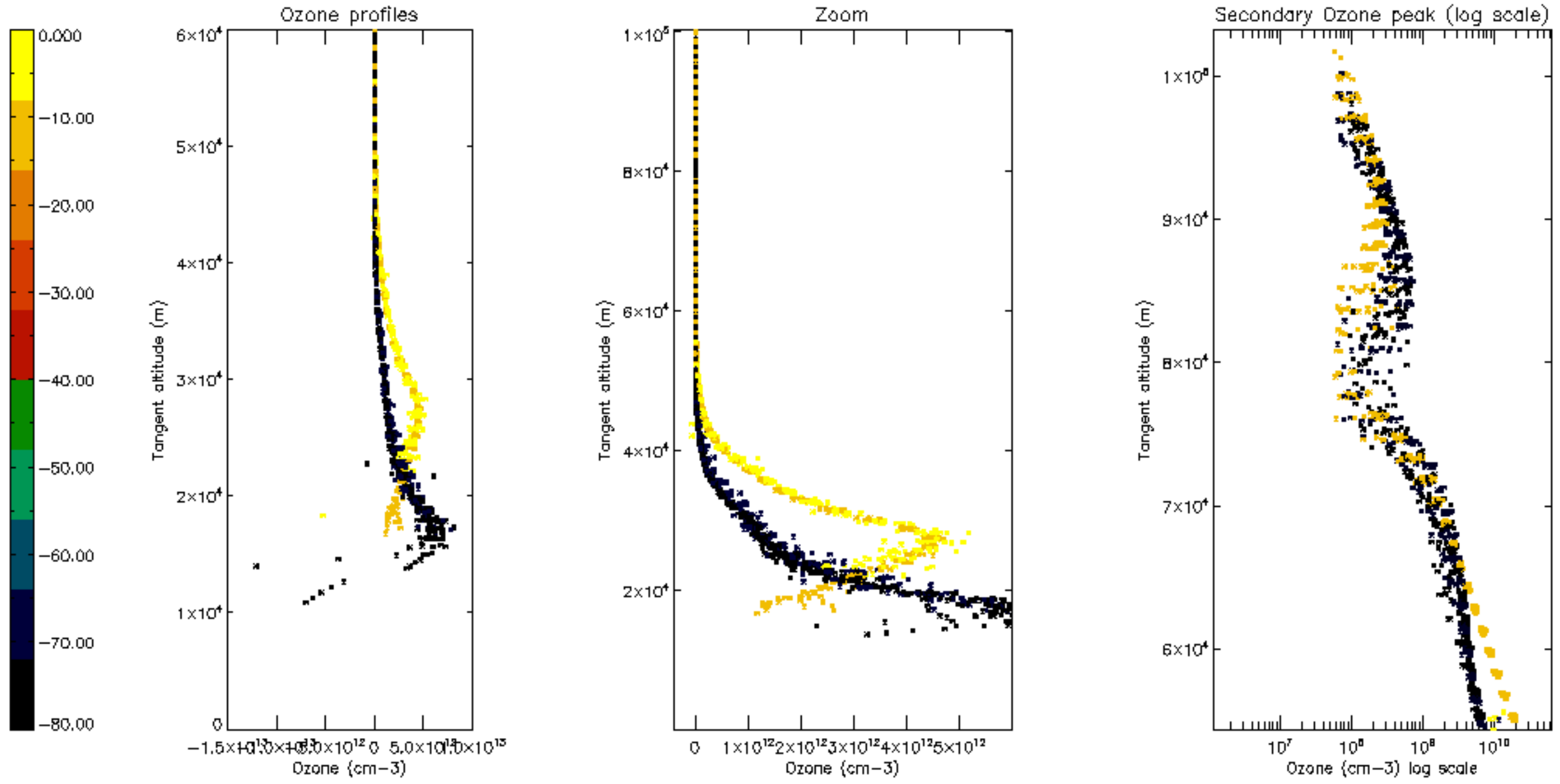
Percentage of star falling outside central band per profile

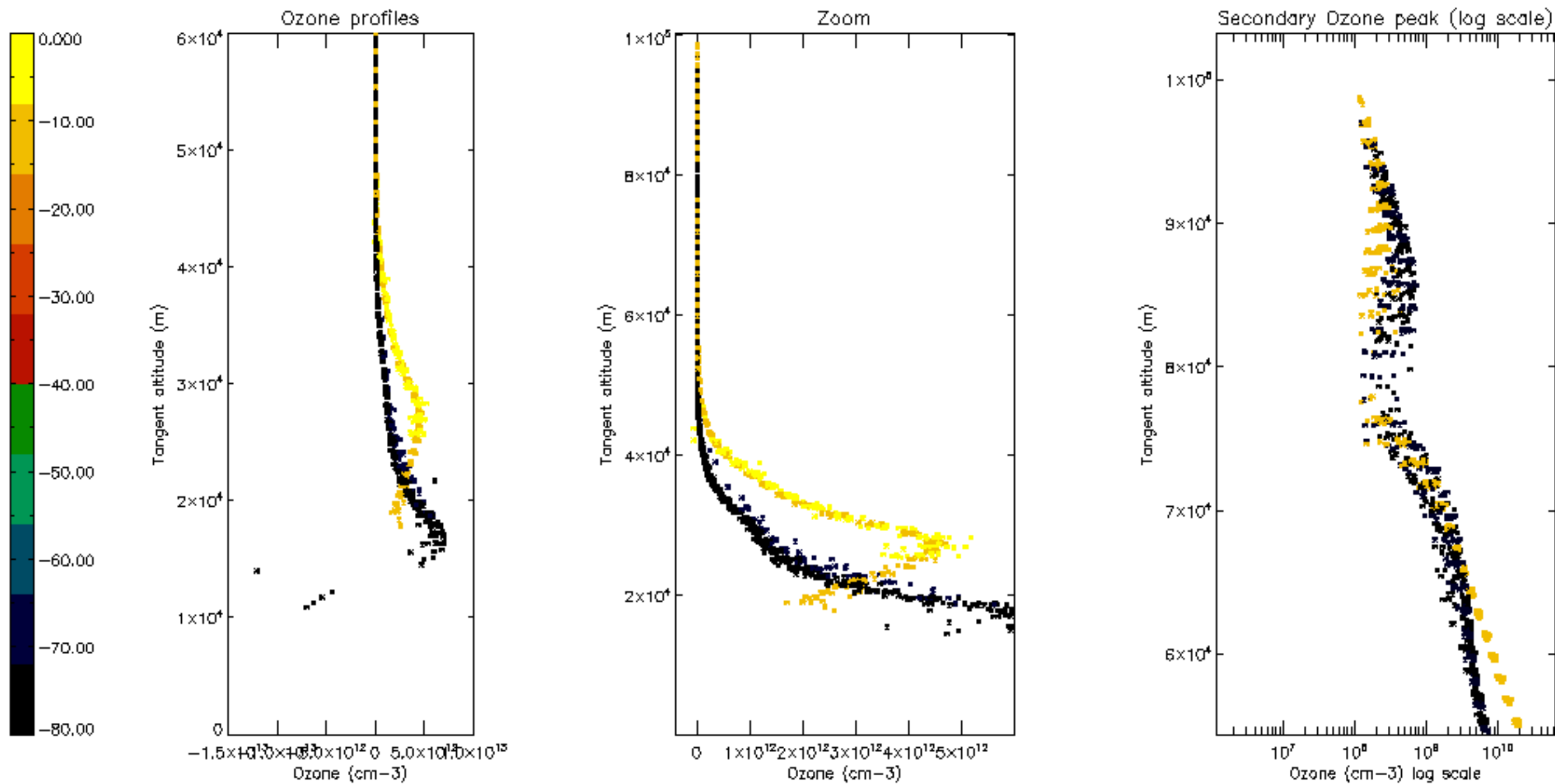


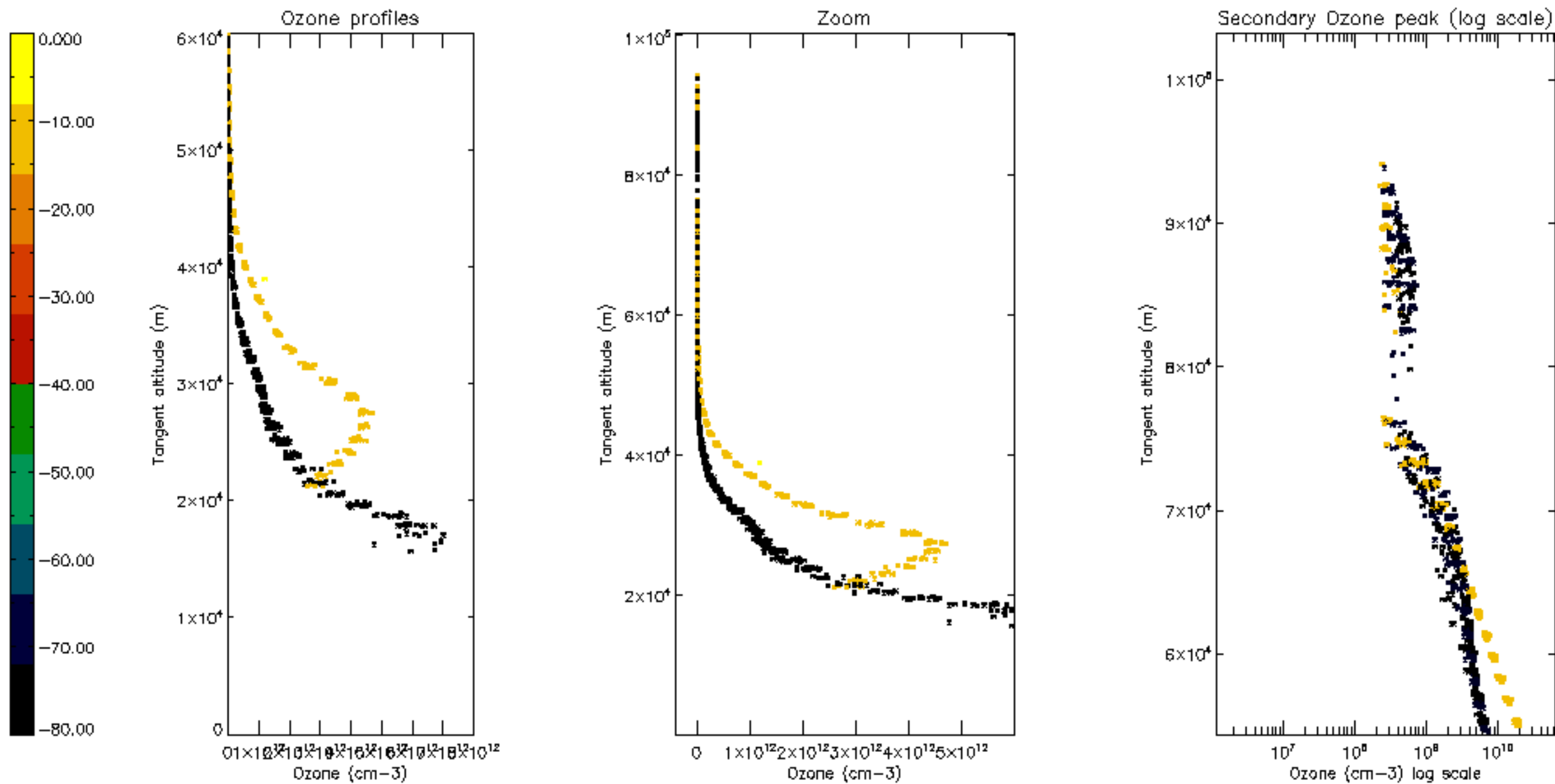
Percentage of saturation errors per profile

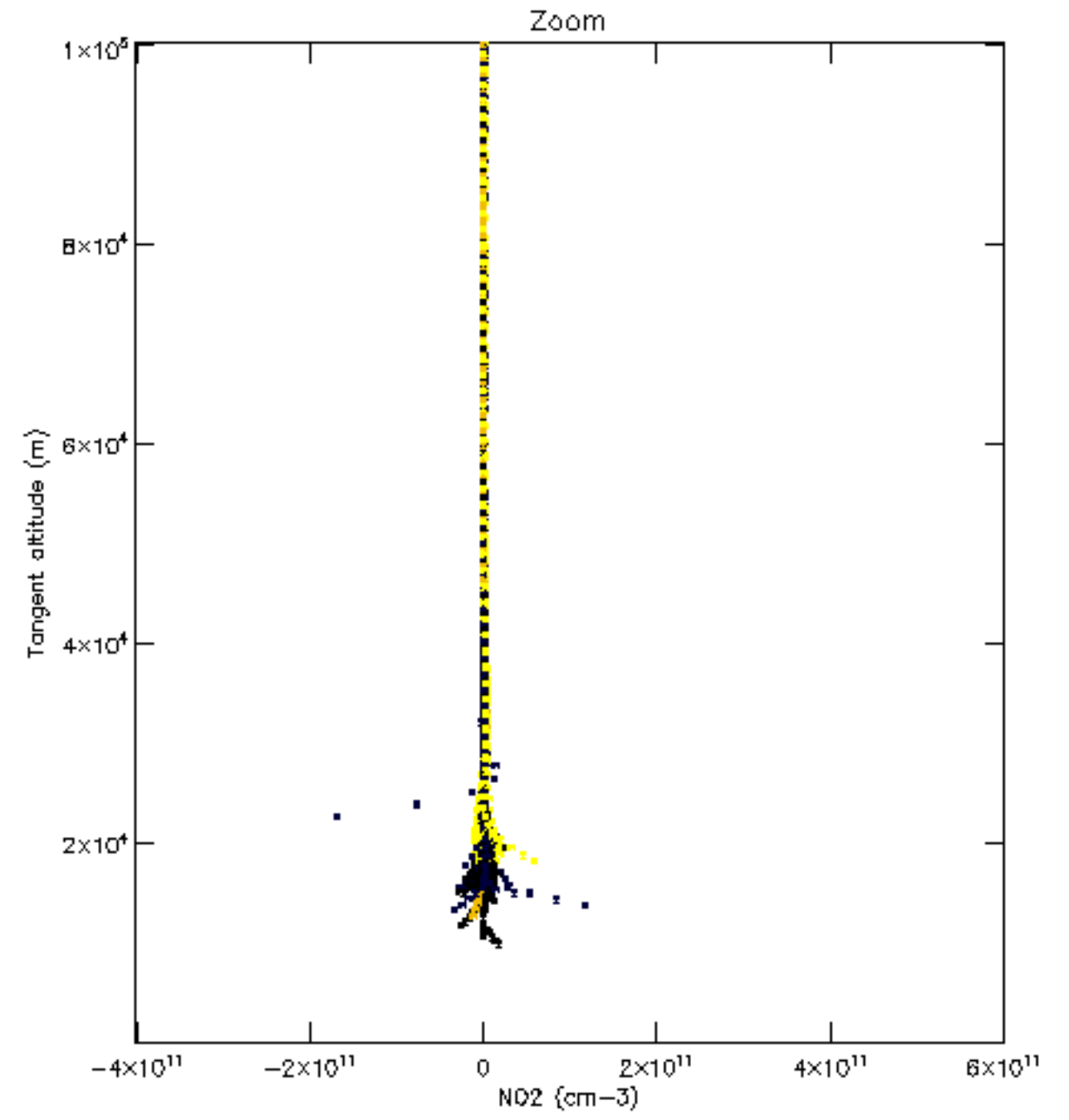
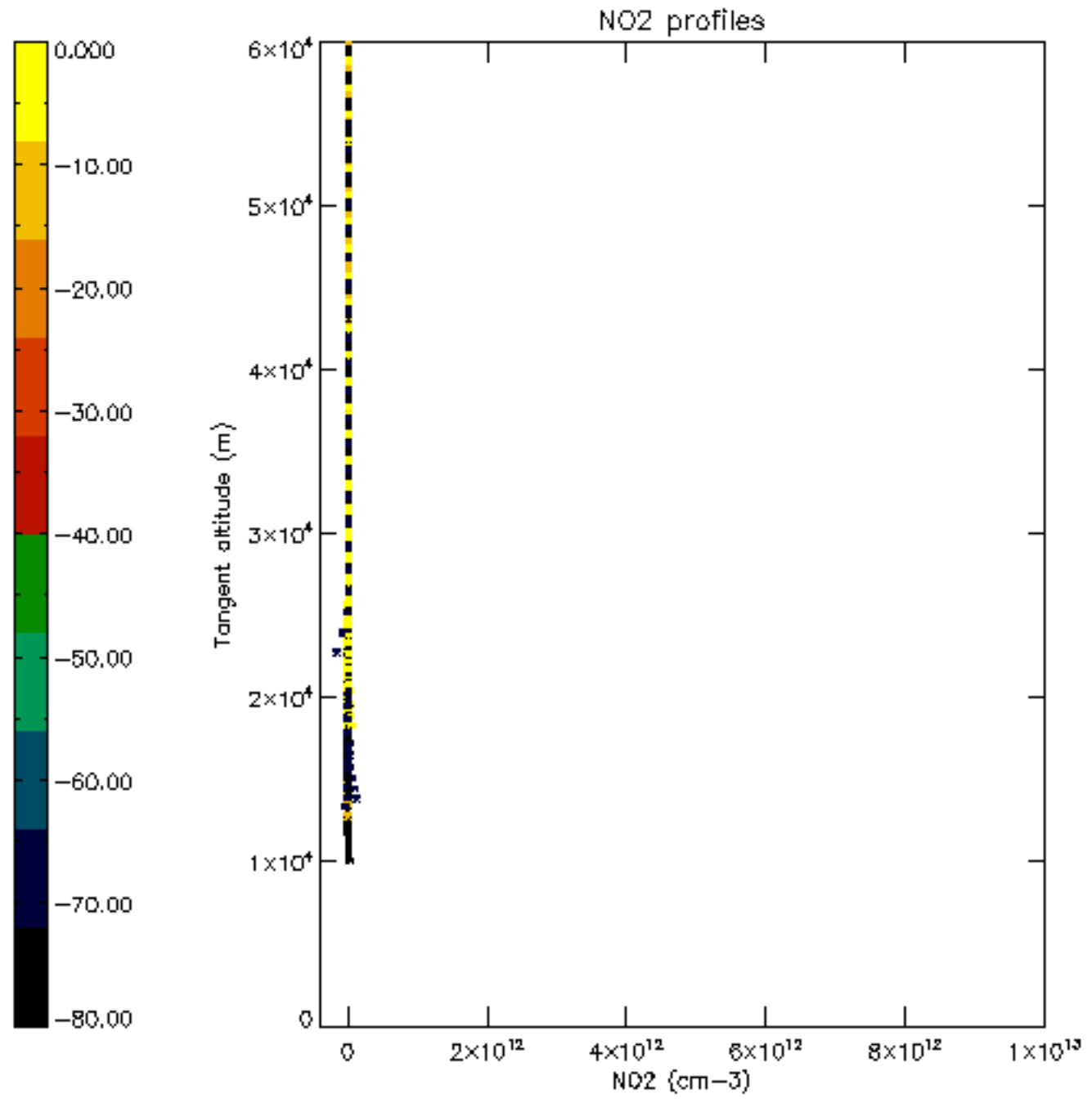


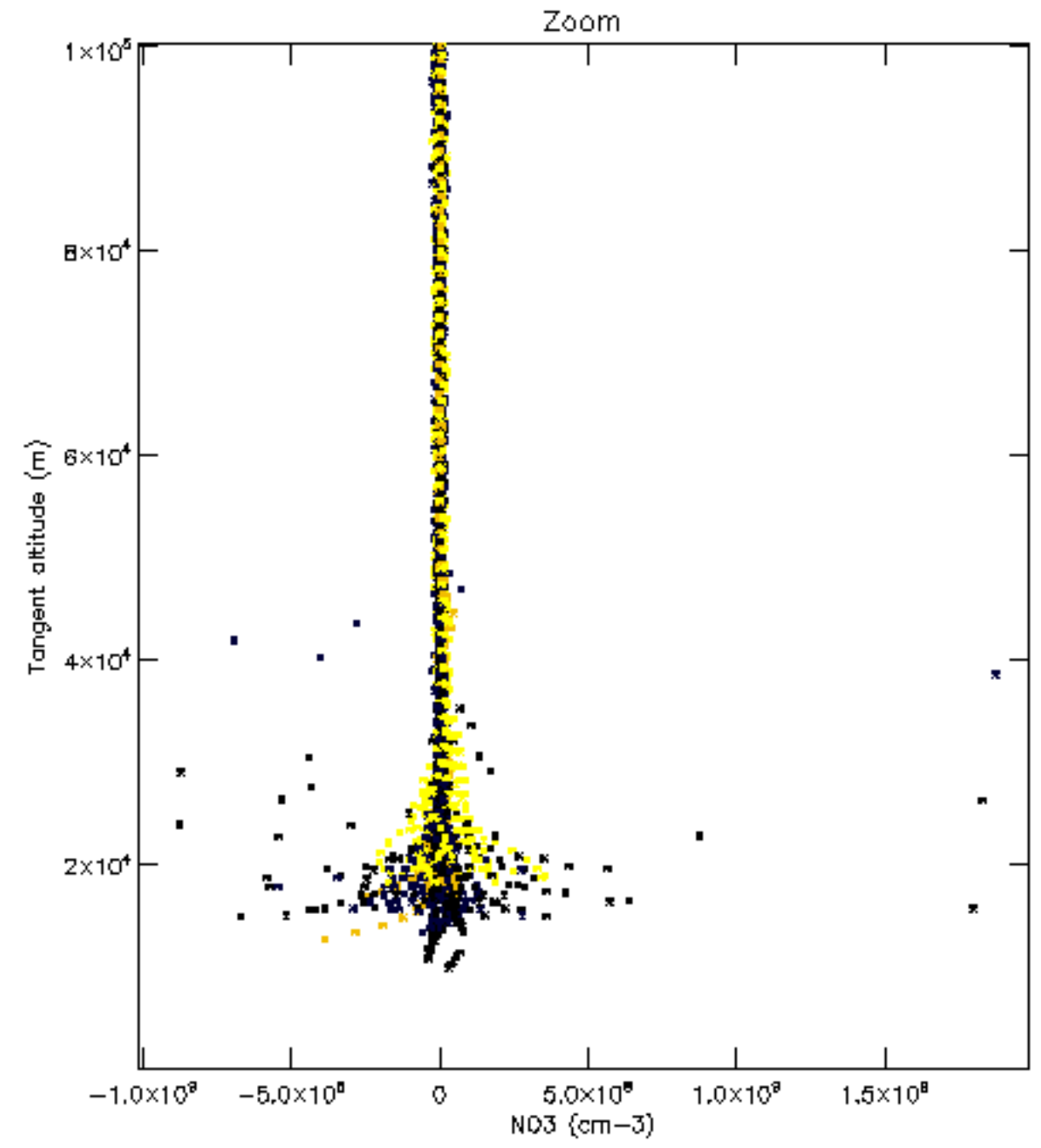
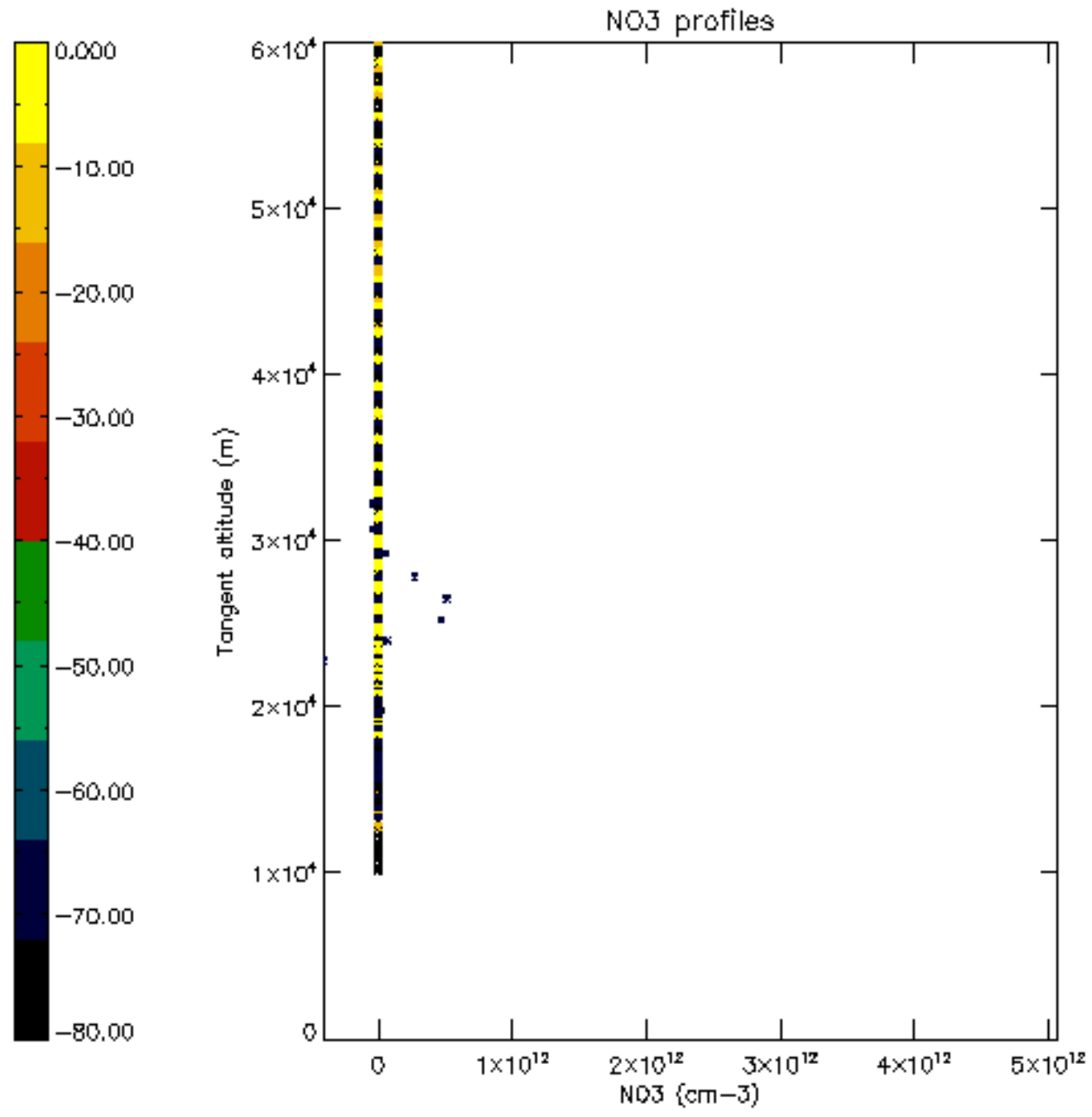


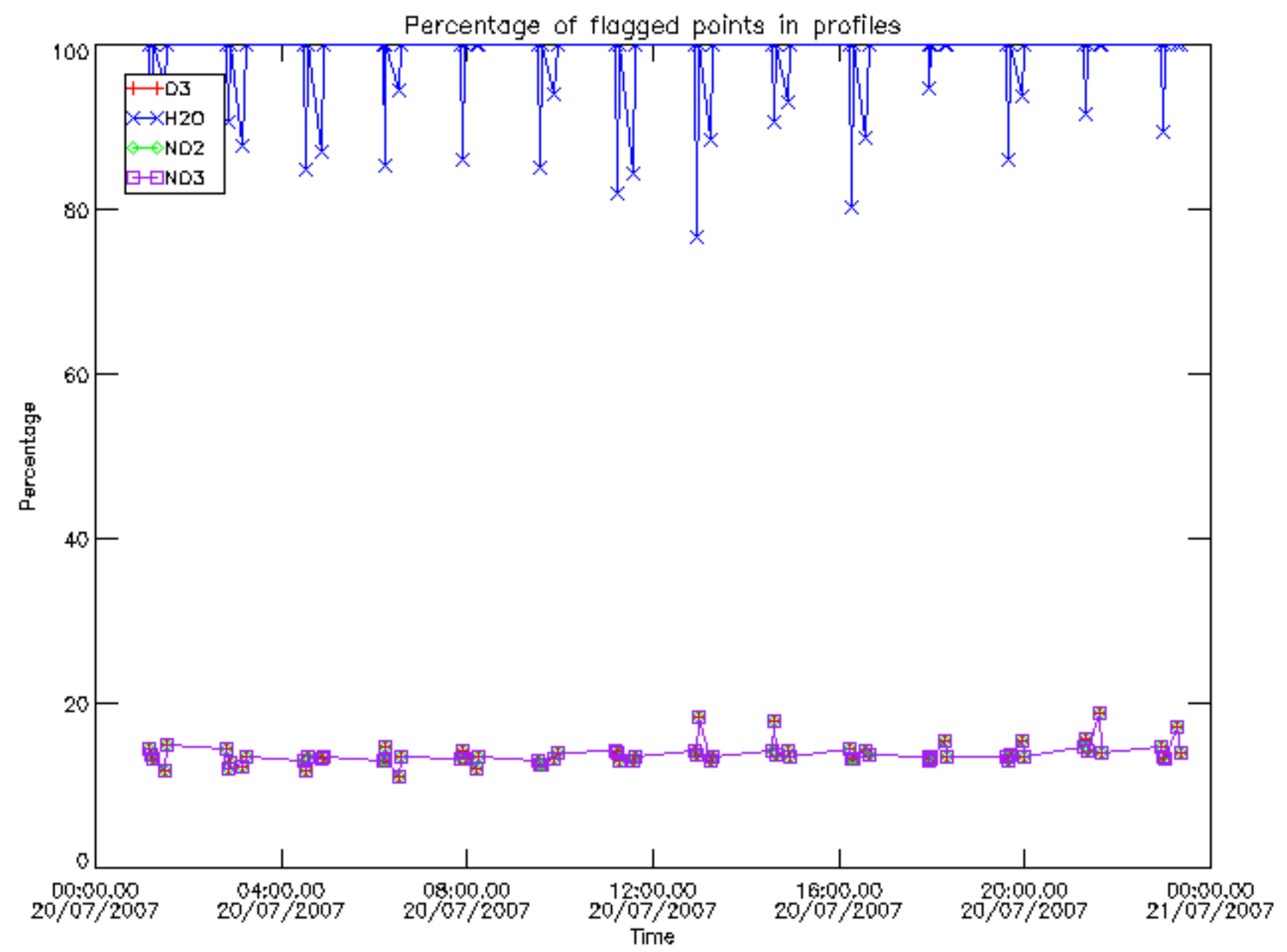




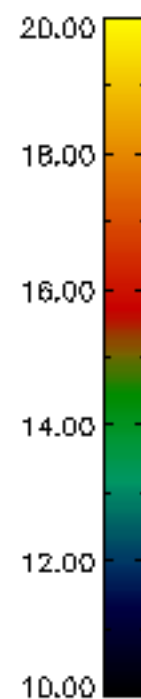
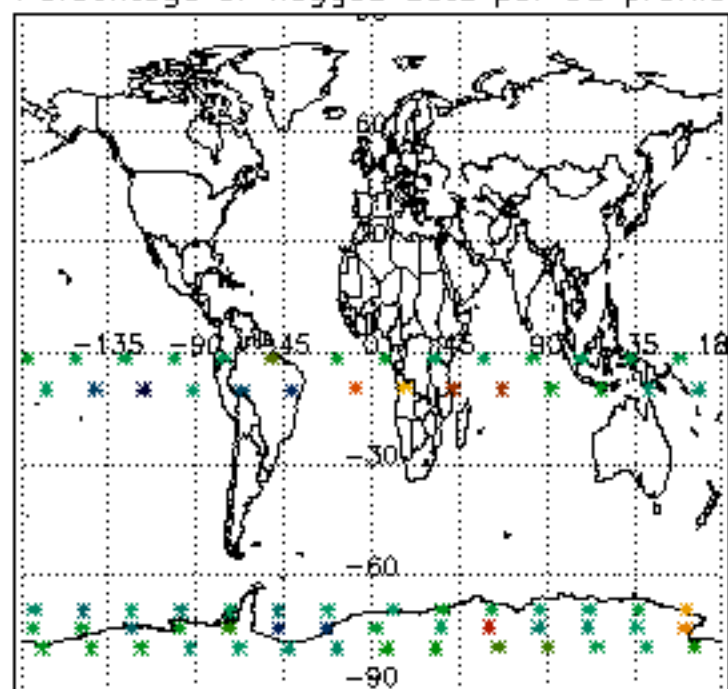




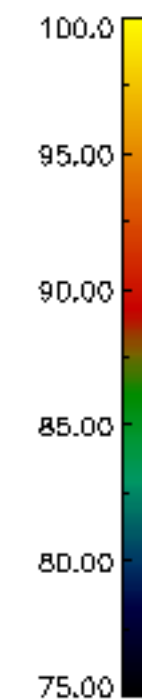
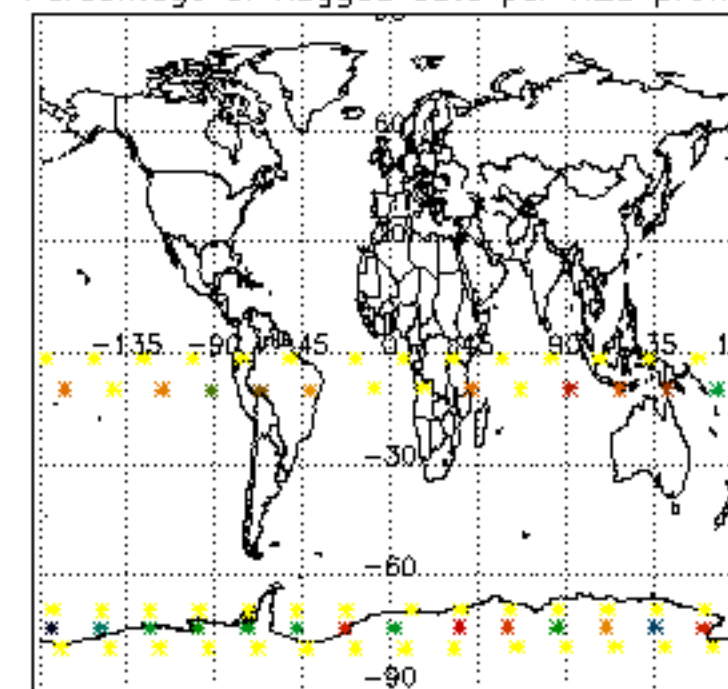




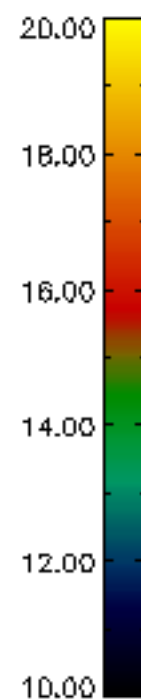
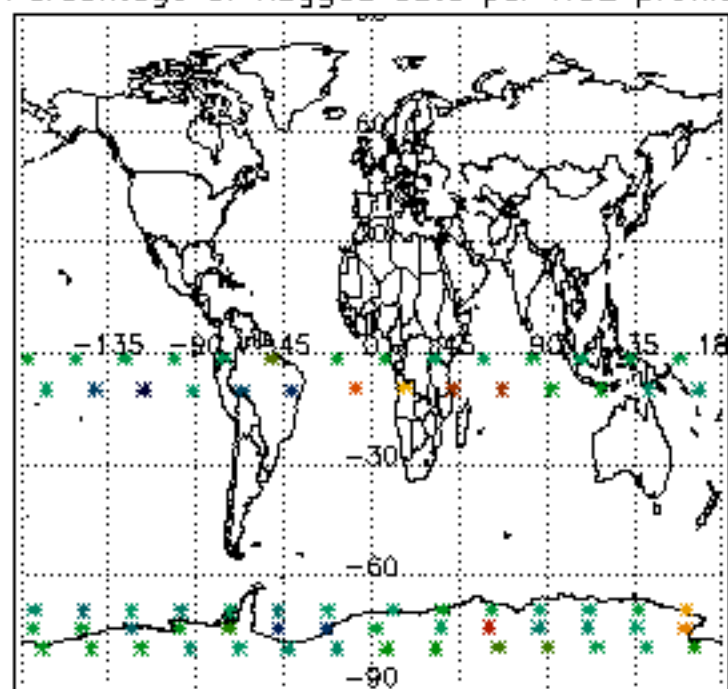
Percentage of flagged data per D3 profile



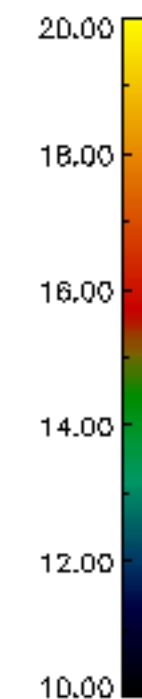
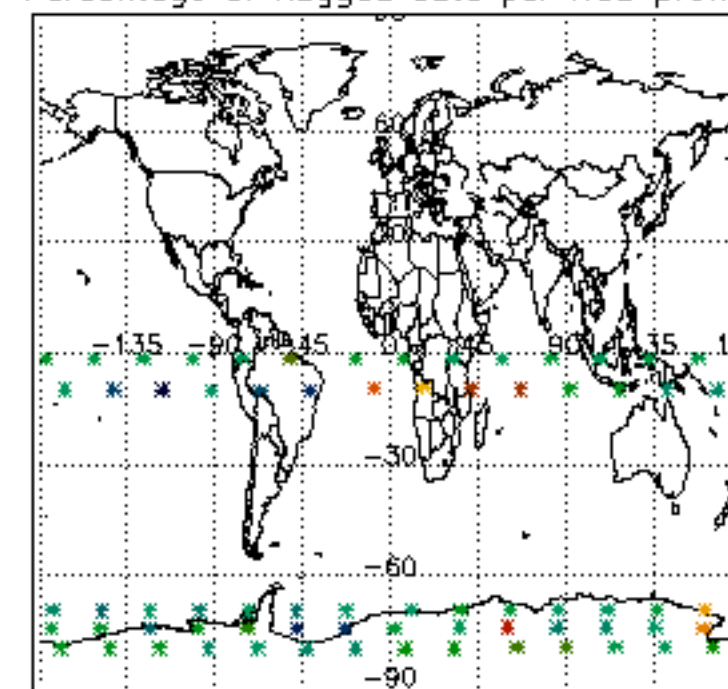
Percentage of flagged data per H2O profile

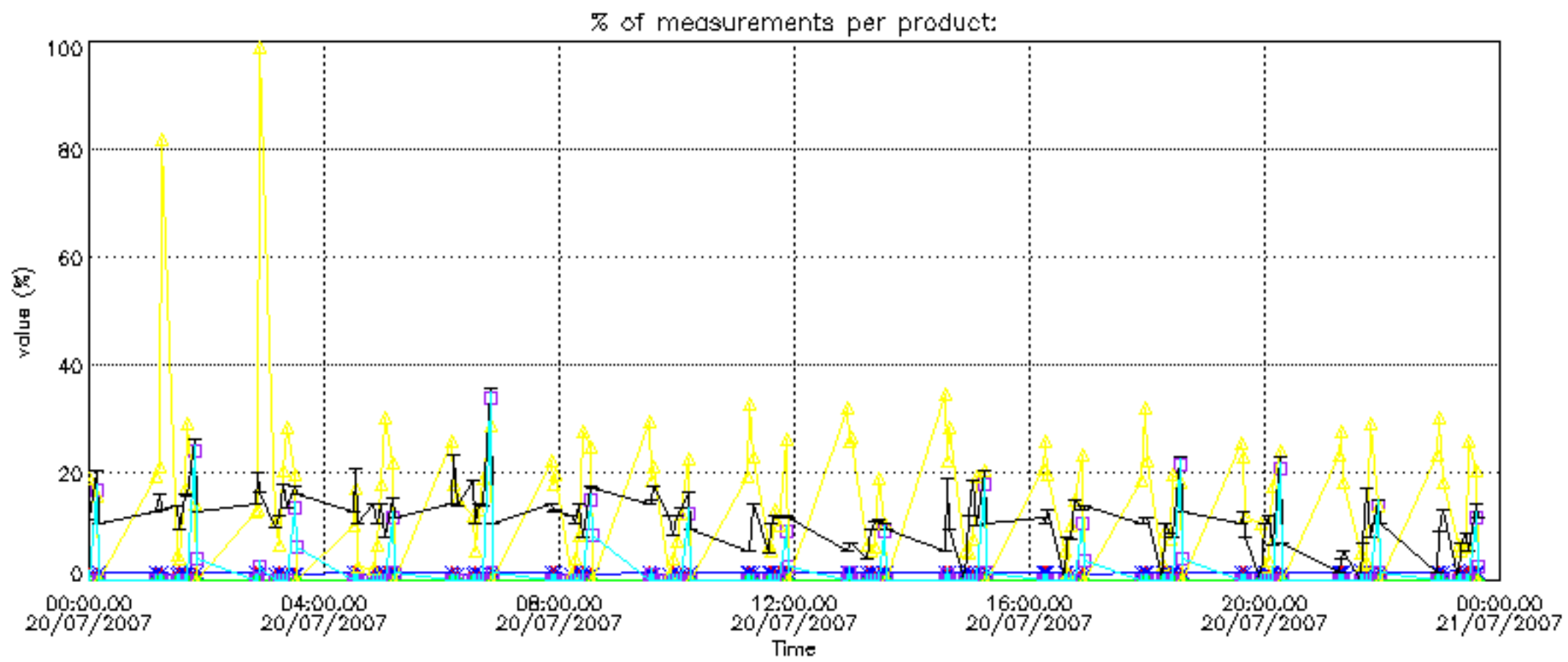


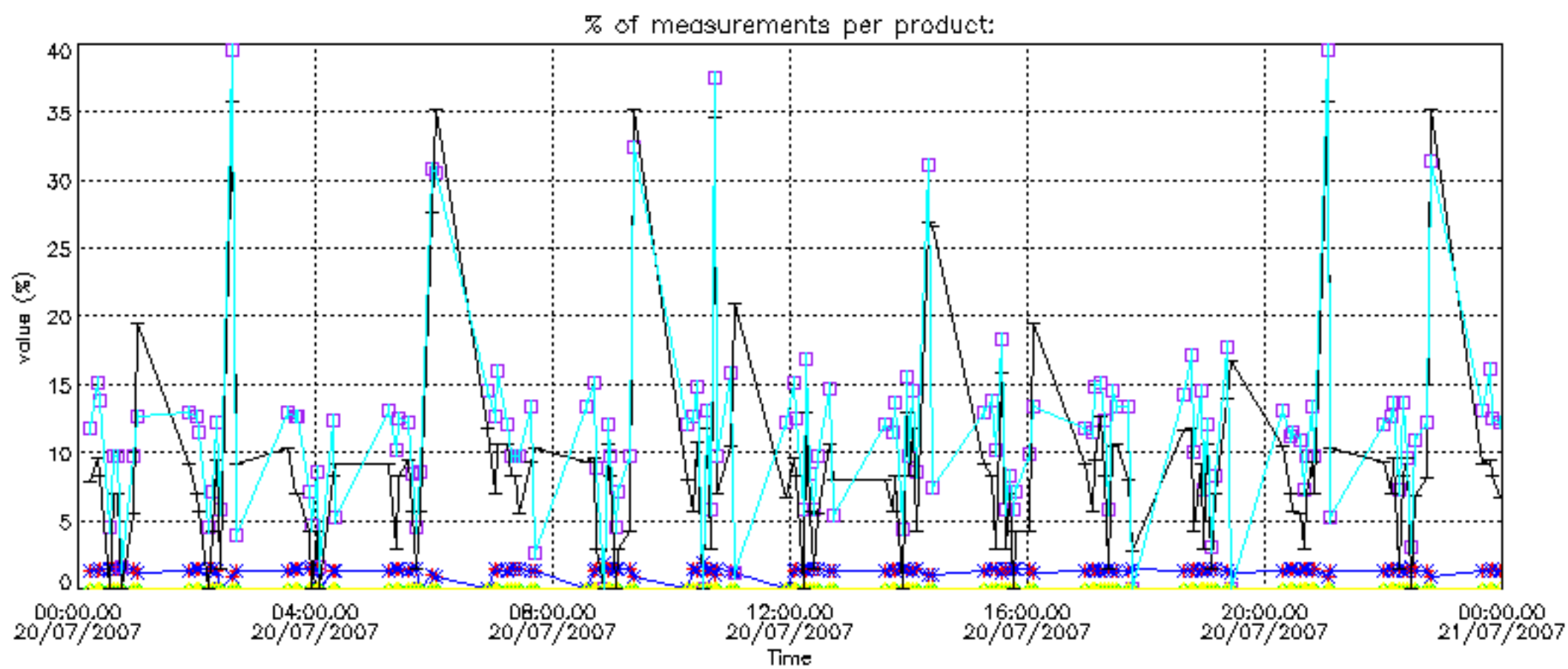
Percentage of flagged data per NO2 profile



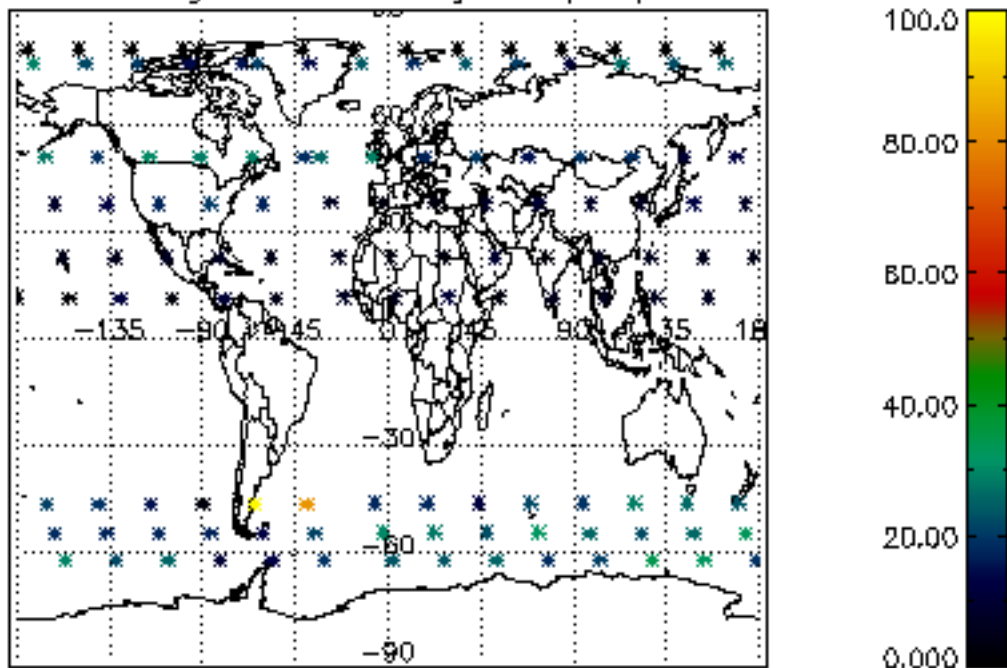
Percentage of flagged data per NO3 profile



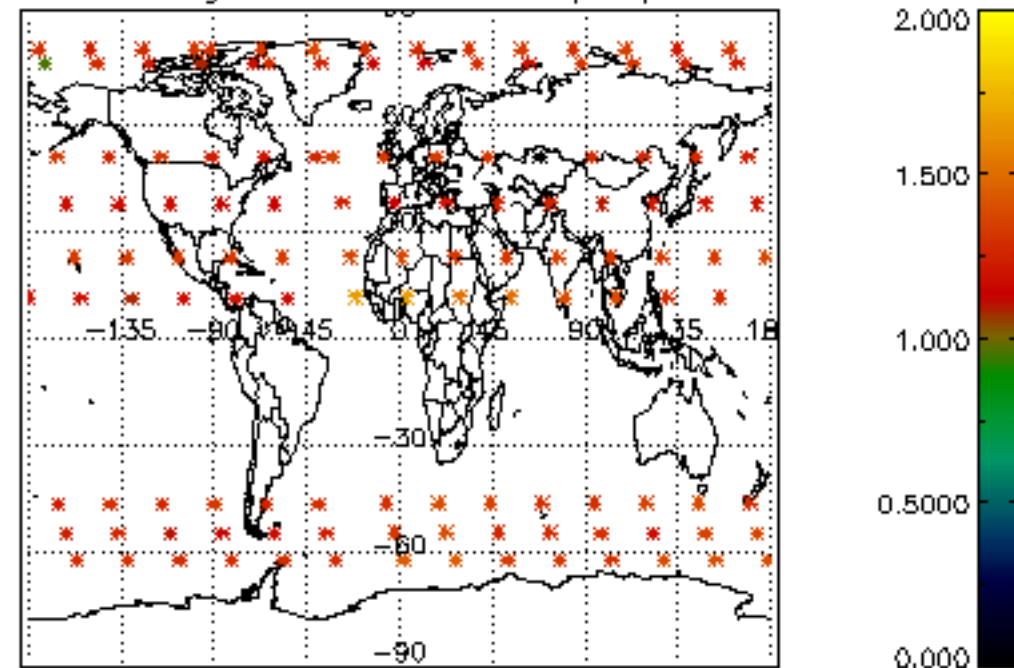




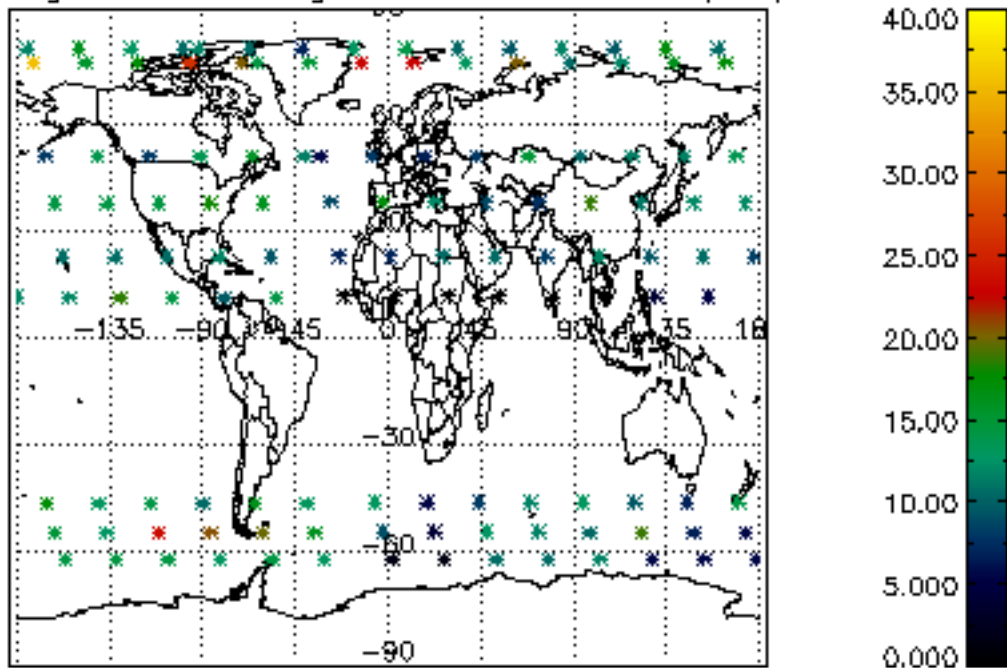
Percentage of cosmic ray hits per profile



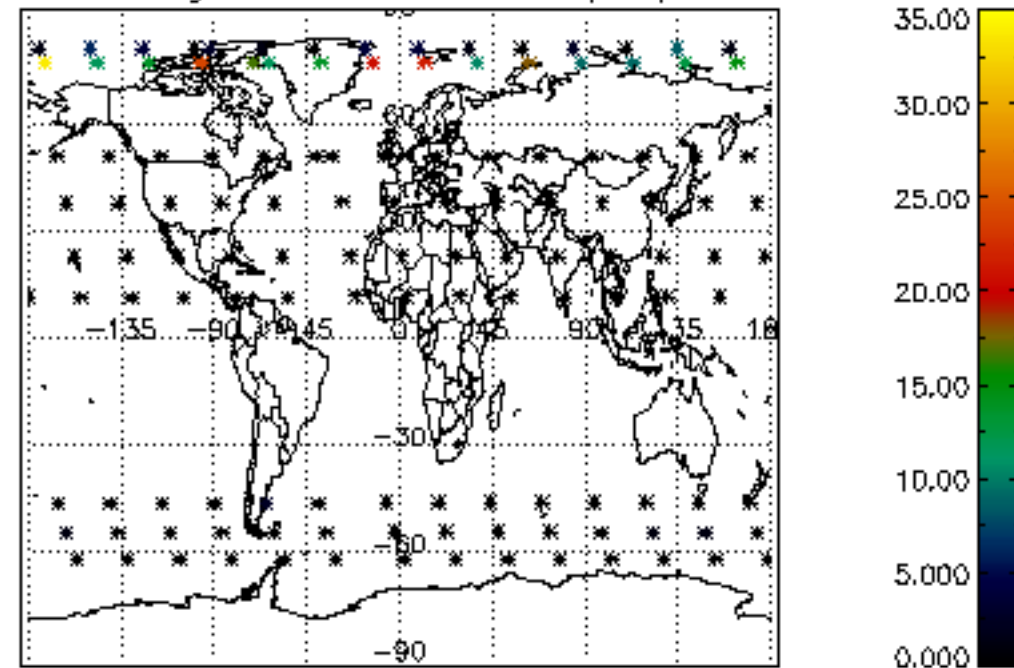
Percentage of datation errors per profile



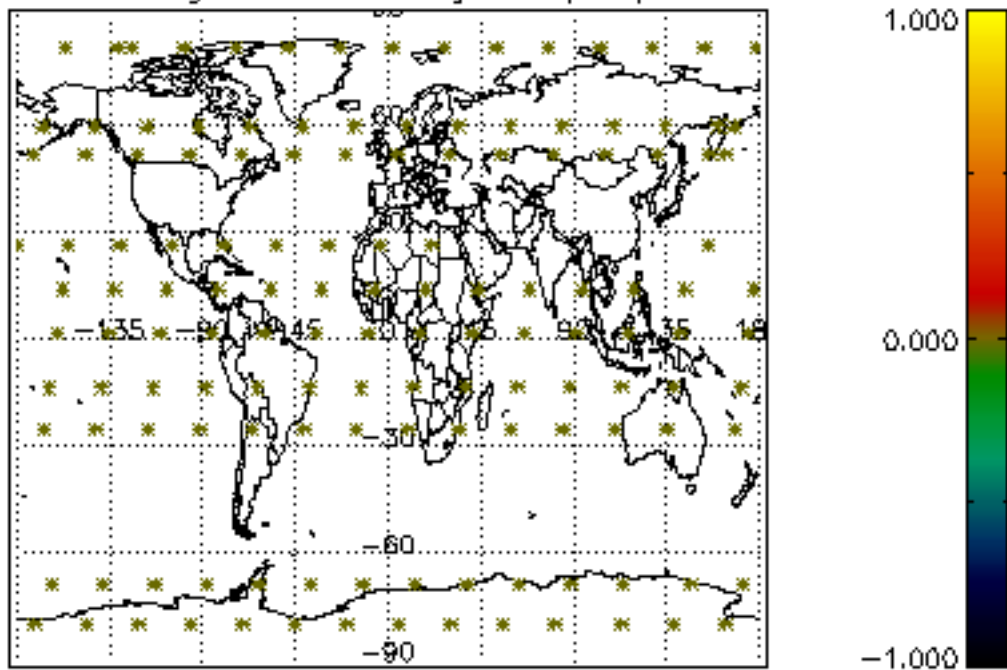
Percentage of star falling outside central band per profile



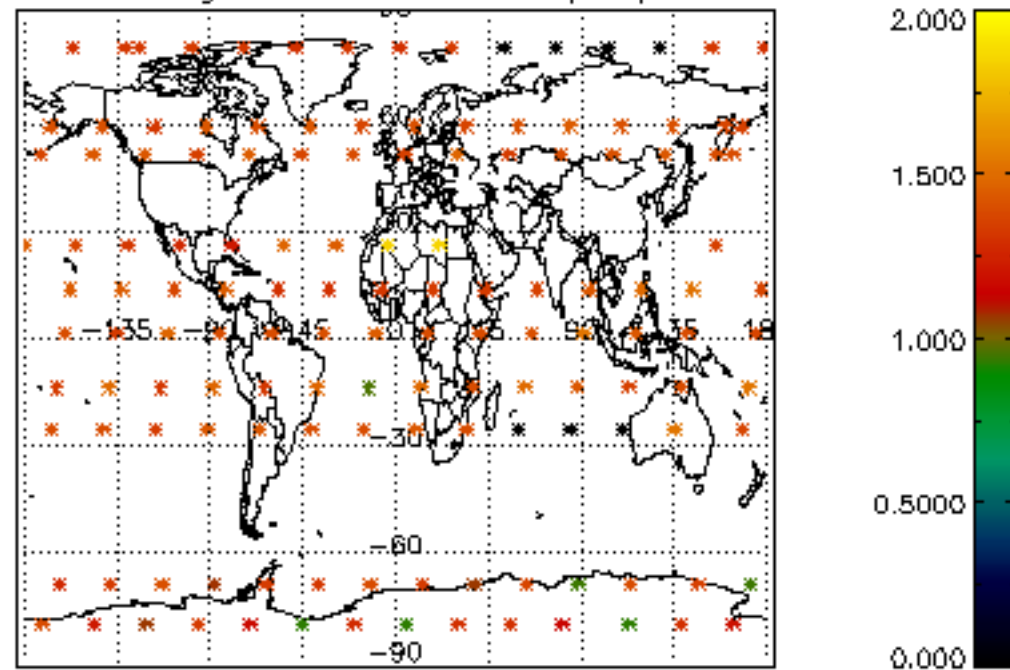
Percentage of saturation errors per profile



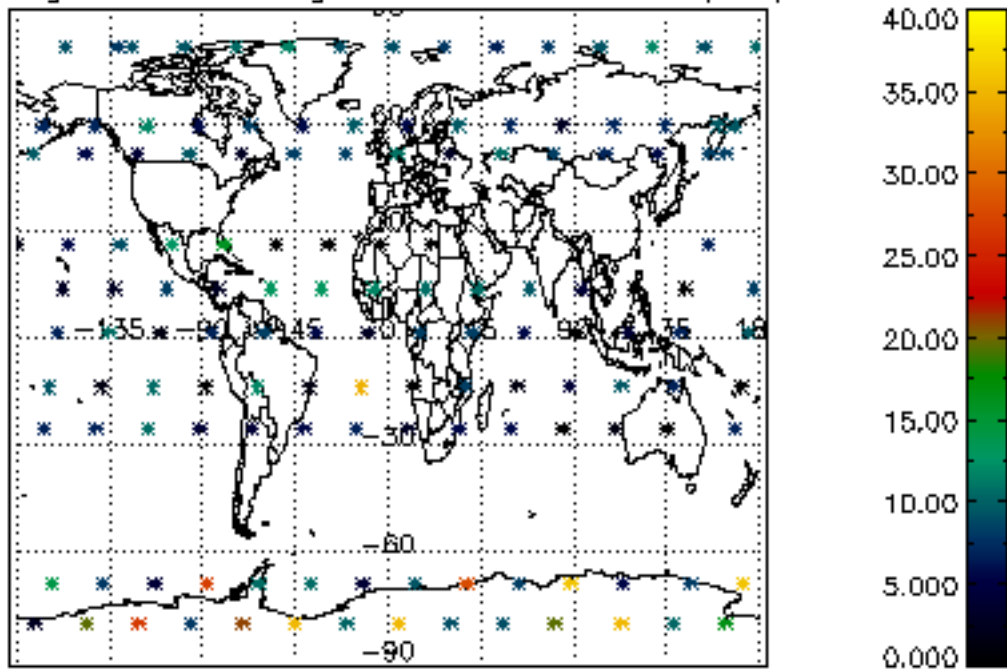
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

