

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 | 24APR2013 00:29:37 |
| Data source version | GOMOS/6.01 |
| Start time of products | 25-06-2006 (25JUN2006 00:00:00) |
| Stop time of products | 26-06-2006 (26JUN2006 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 260 |
| Nb of prods with errors | 1 |

2. Summary of processed GOM_NL__2P products.

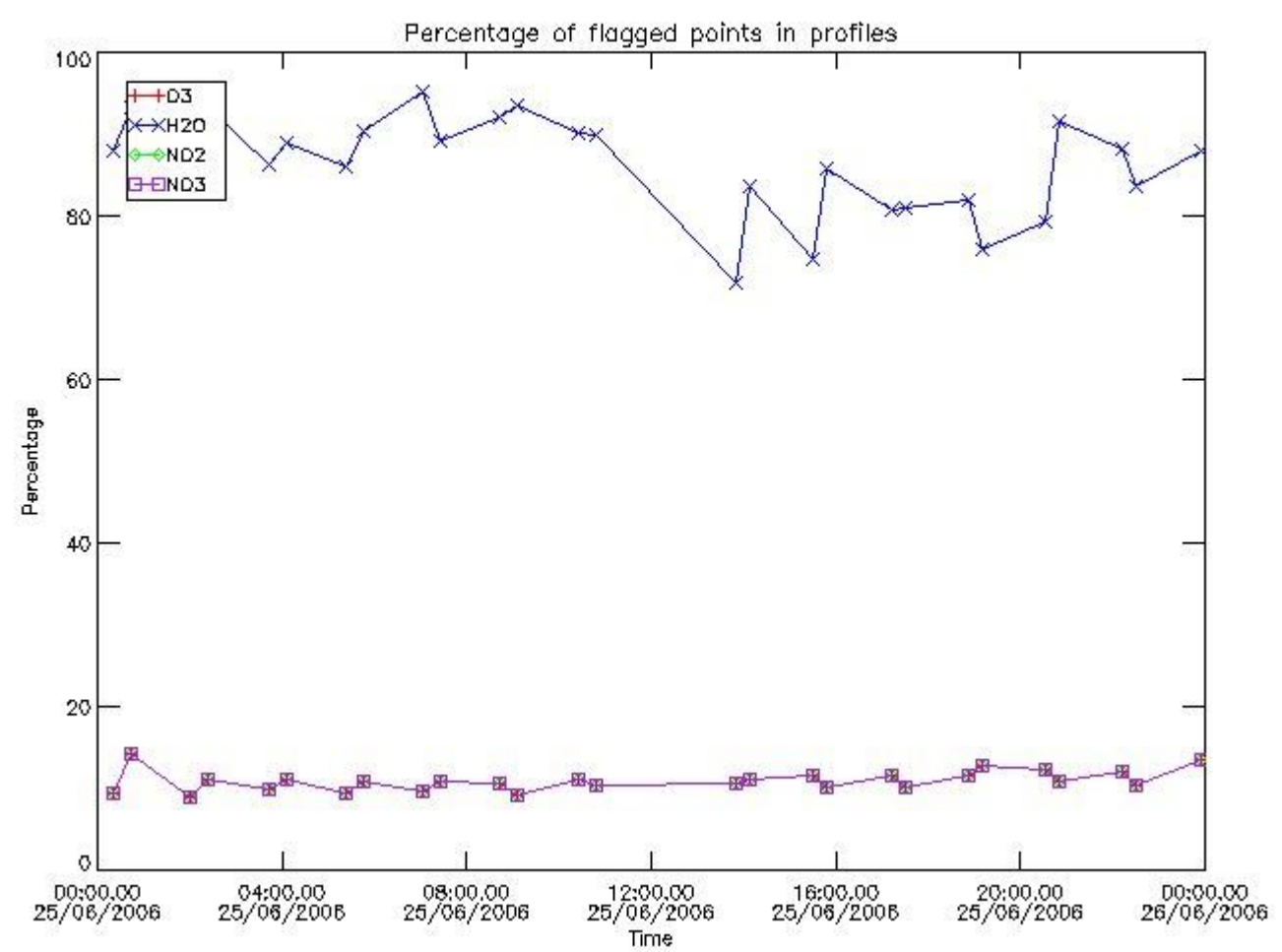
| Nr | Filename | UTC Start time | Limb | Duration | Star Id | Star Name | Star Mag | Star Temp | Nb Meas | Orbit | Prod. error |
|----|--|----------------------|------------|----------|---------|-----------|----------|-----------|---------|-------|-------------|
| 1 | GOM_NL__2PRFIN20060625_000642_000000462048_00474_22572_9412.N1 | 25-JUN-2006 00:06:42 | Bright | 46.000 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 92 | 22572 | No |
| 2 | GOM_NL__2PRFIN20060625_000816_000000452048_00474_22572_9413.N1 | 25-JUN-2006 00:08:16 | Bright | 44.500 | 68 | 18Alp Cas | 2.2250 | 4500.0 | 89 | 22572 | No |
| 3 | GOM_NL__2PRFIN20060625_001039_000000352048_00474_22572_9414.N1 | 25-JUN-2006 00:10:39 | Bright | 35.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 70 | 22572 | No |
| 4 | GOM_NL__2PRFIN20060625_001404_000000442048_00474_22572_9415.N1 | 25-JUN-2006 00:14:04 | Bright | 44.000 | 73 | 57Gam1And | 2.2600 | 13100. | 88 | 22572 | No |
| 5 | GOM_NL__2PRFIN20060625_001631_000000462048_00474_22572_9416.N1 | 25-JUN-2006 00:16:31 | Twilight | 46.000 | 173 | 4Bet Tri | 3.0040 | 8900.0 | 92 | 22572 | No |
| 6 | GOM_NL__2PRFIN20060625_002026_000000542048_00474_22572_9417.N1 | 25-JUN-2006 00:20:26 | Dark | 54.000 | 50 | 13Alp Ari | 2.0070 | 4250.0 | 108 | 22572 | No |
| 7 | GOM_NL__2PRFIN20060625_004340_000000612048_00475_22573_9400.N1 | 25-JUN-2006 00:43:40 | Dark | 60.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 121 | 22573 | No |
| 8 | GOM_NL__2PRFIN20060625_005009_000000592048_00475_22573_9401.N1 | 25-JUN-2006 00:50:09 | Straylight | 59.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 118 | 22573 | No |
| 9 | GOM_NL__2PRFIN20060625_005210_000000502048_00475_22573_9402.N1 | 25-JUN-2006 00:52:10 | Straylight | 49.500 | 31 | Alp Gru | 1.7340 | 15200. | 99 | 22573 | No |
| 10 | GOM_NL__2PRFIN20060625_005509_000000432048_00475_22573_9403.N1 | 25-JUN-2006 00:55:09 | Straylight | 42.500 | 45 | Alp Pav | 1.9400 | 26000. | 85 | 22573 | No |
| 11 | GOM_NL__2PRFIN20060625_010418_000000432048_00475_22573_9404.N1 | 25-JUN-2006 01:04:18 | Twilight | 42.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 85 | 22573 | No |
| 12 | GOM_NL__2PRFIN20060625_010543_000000432048_00475_22573_9405.N1 | 25-JUN-2006 01:05:43 | Bright | 42.500 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 85 | 22573 | No |
| 13 | GOM_NL__2PRFIN20060625_010752_000000492048_00475_22573_9406.N1 | 25-JUN-2006 01:07:52 | Bright | 49.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 98 | 22573 | No |
| 14 | GOM_NL__2PRFIN20060625_011636_000000392048_00475_22573_9407.N1 | 25-JUN-2006 01:16:36 | Bright | 39.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 78 | 22573 | No |
| 15 | GOM_NL__2PRFIN20060625_011859_000000392048_00475_22573_9408.N1 | 25-JUN-2006 01:18:59 | Bright | 38.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 77 | 22573 | No |
| 16 | GOM_NL__2PRFIN20060625_012831_000000502048_00475_22573_9409.N1 | 25-JUN-2006 01:28:31 | Bright | 50.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 100 | 22573 | No |
| 17 | GOM_NL__2PRFIN20060625_013036_000000392048_00475_22573_9410.N1 | 25-JUN-2006 01:30:36 | Bright | 38.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 77 | 22573 | No |
| 18 | GOM_NL__2PRFIN20060625_014013_000000432048_00475_22573_9411.N1 | 25-JUN-2006 01:40:13 | Bright | 43.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 86 | 22573 | No |
| 19 | GOM_NL__2PRFIN20060625_014718_000000432048_00475_22573_9412.N1 | 25-JUN-2006 01:47:18 | Bright | 43.000 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 86 | 22573 | No |
| 20 | GOM_NL__2PRFIN20060625_014852_000000452048_00475_22573_9413.N1 | 25-JUN-2006 01:48:52 | Bright | 45.000 | 68 | 18Alp Cas | 2.2250 | 4500.0 | 90 | 22573 | No |
| 21 | GOM_NL__2PRFIN20060625_015114_000000372048_00475_22573_9414.N1 | 25-JUN-2006 01:51:14 | Bright | 37.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 74 | 22573 | No |
| 22 | GOM_NL__2PRFIN20060625_015440_000000432048_00475_22573_9415.N1 | 25-JUN-2006 01:54:40 | Bright | 42.500 | 73 | 57Gam1And | 2.2600 | 13100. | 85 | 22573 | No |
| 23 | GOM_NL__2PRFIN20060625_015707_000000472048_00475_22573_9416.N1 | 25-JUN-2006 01:57:07 | Twilight | 47.000 | 173 | 4Bet Tri | 3.0040 | 8900.0 | 94 | 22573 | No |
| 24 | GOM_NL__2PRFIN20060625_020102_000000562048_00475_22573_9417.N1 | 25-JUN-2006 02:01:02 | Dark | 56.000 | 50 | 13Alp Ari | 2.0070 | 4250.0 | 112 | 22573 | No |
| 25 | GOM_NL__2PRFIN20060625_022417_000000462048_00476_22574_9400.N1 | 25-JUN-2006 02:24:17 | Dark | 45.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 91 | 22574 | No |
| 26 | GOM_NL__2PRFIN20060625_023046_000000542048_00476_22574_9401.N1 | 25-JUN-2006 02:30:46 | Straylight | 54.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 108 | 22574 | No |
| 27 | GOM_NL__2PRFIN20060625_023247_000000492048_00476_22574_9402.N1 | 25-JUN-2006 02:32:47 | Straylight | 49.000 | 31 | Alp Gru | 1.7340 | 15200. | 98 | 22574 | No |
| 28 | GOM_NL__2PRFIN20060625_023546_000000422048_00476_22574_9403.N1 | 25-JUN-2006 02:35:46 | Straylight | 42.000 | 45 | Alp Pav | 1.9400 | 26000. | 84 | 22574 | No |
| 29 | GOM_NL__2PRFIN20060625_024454_000000452048_00476_22574_9404.N1 | 25-JUN-2006 02:44:54 | Twilight | 45.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 90 | 22574 | No |
| 30 | GOM_NL__2PRFIN20060625_024619_000000572048_00476_22574_9405.N1 | 25-JUN-2006 02:46:19 | Bright | 57.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 114 | 22574 | No |
| 31 | GOM_NL__2PRFIN20060625_024828_000000512048_00476_22574_9406.N1 | 25-JUN-2006 02:48:28 | Bright | 50.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 101 | 22574 | No |
| 32 | GOM_NL__2PRFIN20060625_025712_000000392048_00476_22574_9407.N1 | 25-JUN-2006 02:57:12 | Bright | 38.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 77 | 22574 | No |
| 33 | GOM_NL__2PRFIN20060625_025935_000000372048_00476_22574_9408.N1 | 25-JUN-2006 02:59:35 | Bright | 36.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 73 | 22574 | No |
| 34 | GOM_NL__2PRFIN20060625_030906_000000482048_00476_22574_9409.N1 | 25-JUN-2006 03:09:06 | Bright | 47.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 95 | 22574 | No |
| 35 | GOM_NL__2PRFIN20060625_031112_000000382048_00476_22574_9410.N1 | 25-JUN-2006 03:11:12 | Bright | 38.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 76 | 22574 | No |
| 36 | GOM_NL__2PRFIN20060625_032048_000000462048_00476_22574_9411.N1 | 25-JUN-2006 03:20:48 | Bright | 45.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 91 | 22574 | No |
| 37 | GOM_NL__2PRFIN20060625_032753_000000482048_00476_22574_9412.N1 | 25-JUN-2006 03:27:53 | Bright | 47.500 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 95 | 22574 | No |
| 38 | GOM_NL__2PRFIN20060625_032927_000000472048_00476_22574_9413.N1 | 25-JUN-2006 03:29:27 | Bright | 46.500 | 68 | 18Alp Cas | 2.2250 | 4500.0 | 93 | 22574 | No |
| 39 | GOM_NL__2PRFIN20060625_033150_000000432048_00476_22574_9414.N1 | 25-JUN-2006 03:31:50 | Bright | 43.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 86 | 22574 | No |
| 40 | GOM_NL__2PRFIN20060625_033516_000000612048_00476_22574_9415.N1 | 25-JUN-2006 03:35:16 | Bright | 61.000 | 73 | 57Gam1And | 2.2600 | 13100. | 122 | 22574 | No |
| 41 | GOM_NL__2PRFIN20060625_033743_000000452048_00476_22574_9416.N1 | 25-JUN-2006 03:37:43 | Twilight | 45.000 | 173 | 4Bet Tri | 3.0040 | 8900.0 | 90 | 22574 | No |
| 42 | GOM_NL__2PRFIN20060625_034138_000000512048_00476_22574_9417.N1 | 25-JUN-2006 03:41:38 | Dark | 51.000 | 50 | 13Alp Ari | 2.0070 | 4250.0 | 102 | 22574 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|---------|--------|----|-------|-----|
| 220 | GOM_NL__2PRFIN20060625_205041_000000482048_00487_22585_9440.N1 | 25-JUN-2006 20:50:41 | Dark | 47.500 | 9 | Alp Eri | 0.45300 | 24000. | 95 | 22585 | No |
| 221 | GOM_NL__2PRFIN20060625_205758_000000412048_00487_22585_9441.N1 | 25-JUN-2006 20:57:58 | Straylight | 40.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 81 | 22585 | No |
| 222 | GOM_NL__2PRFIN20060625_210227_000000422048_00487_22585_9442.N1 | 25-JUN-2006 21:02:27 | Straylight | 41.500 | 45 | Alp Pav | 1.9400 | 26000. | 83 | 22585 | No |
| 223 | GOM_NL__2PRFIN20060625_210642_000000392048_00487_22585_9443.N1 | 25-JUN-2006 21:06:42 | Straylight | 39.000 | 141 | Bet Ara | 2.8400 | 4600.0 | 78 | 22585 | No |
| 224 | GOM_NL__2PRFIN20060625_210808_000000382048_00487_22585_9444.N1 | 25-JUN-2006 21:08:08 | Straylight | 37.500 | 147 | Alp Ara | 2.8770 | 26000. | 75 | 22585 | No |
| 225 | GOM_NL__2PRFIN20060625_210955_000000422048_00487_22585_9445.N1 | 25-JUN-2006 21:09:55 | Tw_i_and_stray | 41.500 | 40 | The Sco | 1.8590 | 7100.0 | 83 | 22585 | No |
| 226 | GOM_NL__2PRFIN20060625_211135_000000412048_00487_22585_9446.N1 | 25-JUN-2006 21:11:35 | Tw_i_and_stray | 40.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 81 | 22585 | No |
| 227 | GOM_NL__2PRFIN20060625_211257_000000482048_00487_22585_9447.N1 | 25-JUN-2006 21:12:57 | Bright | 47.500 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 95 | 22585 | No |
| 228 | GOM_NL__2PRFIN20060625_211458_000000222048_00487_22585_9448.N1 | 25-JUN-2006 21:14:58 | Dark | 22.000 | 136 | 23Tau Sco | 2.8220 | 30000. | 44 | 22585 | Yes |
| 229 | GOM_NL__2PRFIN20060625_211752_000000372048_00487_22585_9449.N1 | 25-JUN-2006 21:17:52 | Bright | 37.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 74 | 22585 | No |
| 230 | GOM_NL__2PRFIN20060625_211937_000000362048_00487_22585_9450.N1 | 25-JUN-2006 21:19:37 | Bright | 35.500 | 98 | 13Zet Oph | 2.5710 | 30000. | 71 | 22585 | No |
| 231 | GOM_NL__2PRFIN20060625_212144_000000352048_00487_22585_9451.N1 | 25-JUN-2006 21:21:44 | Bright | 35.000 | 120 | 1Del Oph | 2.7340 | 3200.0 | 70 | 22585 | No |
| 232 | GOM_NL__2PRFIN20060625_212837_000000352048_00487_22585_9452.N1 | 25-JUN-2006 21:28:37 | Bright | 35.000 | 127 | 27Bet Her | 2.7810 | 4700.0 | 70 | 22585 | No |
| 233 | GOM_NL__2PRFIN20060625_213127_000000342048_00487_22585_9453.N1 | 25-JUN-2006 21:31:27 | Bright | 34.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 68 | 22585 | No |
| 234 | GOM_NL__2PRFIN20060625_213745_000000382048_00487_22585_9454.N1 | 25-JUN-2006 21:37:45 | Bright | 38.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 76 | 22585 | No |
| 235 | GOM_NL__2PRFIN20060625_213952_000000372048_00487_22585_9455.N1 | 25-JUN-2006 21:39:52 | Bright | 37.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 74 | 22585 | No |
| 236 | GOM_NL__2PRFIN20060625_214342_000000352048_00487_22585_9456.N1 | 25-JUN-2006 21:43:42 | Bright | 35.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 70 | 22585 | No |
| 237 | GOM_NL__2PRFIN20060625_214806_000000352048_00487_22585_9457.N1 | 25-JUN-2006 21:48:06 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 22585 | No |
| 238 | GOM_NL__2PRFIN20060625_215826_000000362048_00487_22585_9458.N1 | 25-JUN-2006 21:58:26 | Bright | 36.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 72 | 22585 | No |
| 239 | GOM_NL__2PRFIN20060625_220211_000000372048_00487_22585_9459.N1 | 25-JUN-2006 22:02:11 | Bright | 36.500 | 79 | 26Bet Per | 2.3100 | 13100. | 73 | 22585 | No |
| 240 | GOM_NL__2PRFIN20060625_221309_000000422048_00487_22585_9460.N1 | 25-JUN-2006 22:13:09 | Dark | 42.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 84 | 22585 | No |
| 241 | GOM_NL__2PRFIN20060625_223117_000000492048_00488_22586_9440.N1 | 25-JUN-2006 22:31:17 | Dark | 49.000 | 9 | Alp Eri | 0.45300 | 24000. | 98 | 22586 | No |
| 242 | GOM_NL__2PRFIN20060625_223835_000000412048_00488_22586_9441.N1 | 25-JUN-2006 22:38:35 | Straylight | 40.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 81 | 22586 | No |
| 243 | GOM_NL__2PRFIN20060625_224304_000000412048_00488_22586_9442.N1 | 25-JUN-2006 22:43:04 | Straylight | 40.500 | 45 | Alp Pav | 1.9400 | 26000. | 81 | 22586 | No |
| 244 | GOM_NL__2PRFIN20060625_224718_000000412048_00488_22586_9443.N1 | 25-JUN-2006 22:47:18 | Straylight | 40.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 81 | 22586 | No |
| 245 | GOM_NL__2PRFIN20060625_224844_000000402048_00488_22586_9444.N1 | 25-JUN-2006 22:48:44 | Straylight | 40.000 | 147 | Alp Ara | 2.8770 | 26000. | 80 | 22586 | No |
| 246 | GOM_NL__2PRFIN20060625_225031_000000442048_00488_22586_9445.N1 | 25-JUN-2006 22:50:31 | Tw_i_and_stray | 44.000 | 40 | The Sco | 1.8590 | 7100.0 | 88 | 22586 | No |
| 247 | GOM_NL__2PRFIN20060625_225211_000000432048_00488_22586_9446.N1 | 25-JUN-2006 22:52:11 | Tw_i_and_stray | 42.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 85 | 22586 | No |
| 248 | GOM_NL__2PRFIN20060625_225333_000000452048_00488_22586_9447.N1 | 25-JUN-2006 22:53:33 | Bright | 45.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 90 | 22586 | No |
| 249 | GOM_NL__2PRFIN20060625_225828_000000382048_00488_22586_9448.N1 | 25-JUN-2006 22:58:28 | Bright | 37.500 | 86 | 35Eta Oph | 2.4300 | 10200. | 75 | 22586 | No |
| 250 | GOM_NL__2PRFIN20060625_230013_000000362048_00488_22586_9449.N1 | 25-JUN-2006 23:00:13 | Bright | 35.500 | 98 | 13Zet Oph | 2.5710 | 30000. | 71 | 22586 | No |
| 251 | GOM_NL__2PRFIN20060625_230220_000000352048_00488_22586_9450.N1 | 25-JUN-2006 23:02:20 | Bright | 35.000 | 120 | 1Del Oph | 2.7340 | 3200.0 | 70 | 22586 | No |
| 252 | GOM_NL__2PRFIN20060625_230913_000000342048_00488_22586_9451.N1 | 25-JUN-2006 23:09:13 | Bright | 34.000 | 127 | 27Bet Her | 2.7810 | 4700.0 | 68 | 22586 | No |
| 253 | GOM_NL__2PRFIN20060625_231203_000000372048_00488_22586_9452.N1 | 25-JUN-2006 23:12:03 | Bright | 36.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 73 | 22586 | No |
| 254 | GOM_NL__2PRFIN20060625_231820_000000352048_00488_22586_9453.N1 | 25-JUN-2006 23:18:20 | Bright | 35.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 70 | 22586 | No |
| 255 | GOM_NL__2PRFIN20060625_232028_000000362048_00488_22586_9454.N1 | 25-JUN-2006 23:20:28 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 22586 | No |
| 256 | GOM_NL__2PRFIN20060625_232418_000000362048_00488_22586_9455.N1 | 25-JUN-2006 23:24:18 | Bright | 35.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 71 | 22586 | No |
| 257 | GOM_NL__2PRFIN20060625_232842_000000322048_00488_22586_9456.N1 | 25-JUN-2006 23:28:42 | Bright | 32.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 64 | 22586 | No |
| 258 | GOM_NL__2PRFIN20060625_233902_000000382048_00488_22586_9457.N1 | 25-JUN-2006 23:39:02 | Bright | 38.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 76 | 22586 | No |
| 259 | GOM_NL__2PRFIN20060625_234247_000000372048_00488_22586_9458.N1 | 25-JUN-2006 23:42:47 | Bright | 36.500 | 79 | 26Bet Per | 2.3100 | 13100. | 73 | 22586 | No |
| 260 | GOM_NL__2PRFIN20060625_235346_000000372048_00488_22586_9459.N1 | 25-JUN-2006 23:53:46 | Dark | 37.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 74 | 22586 | No |

3. Quality information per product

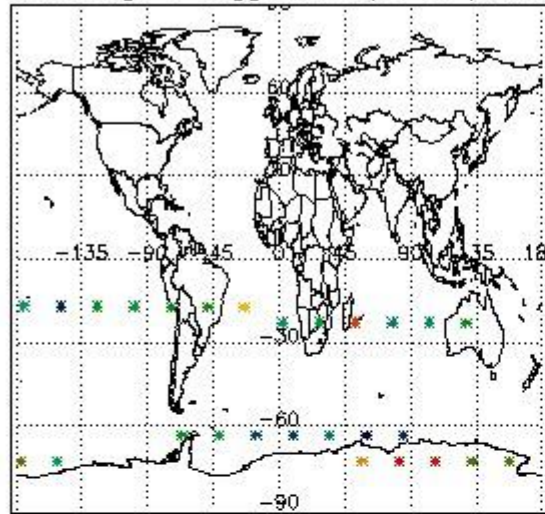
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

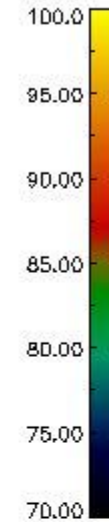
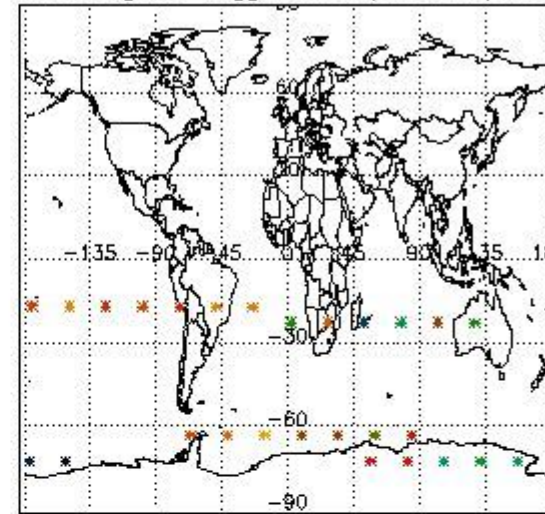


3.2 Plot quality information per product (world map)

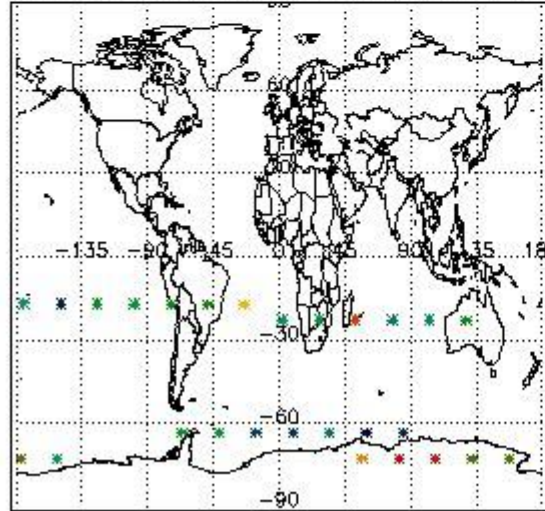
Percentage of flagged data per O3 profile



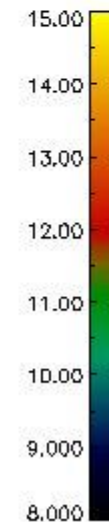
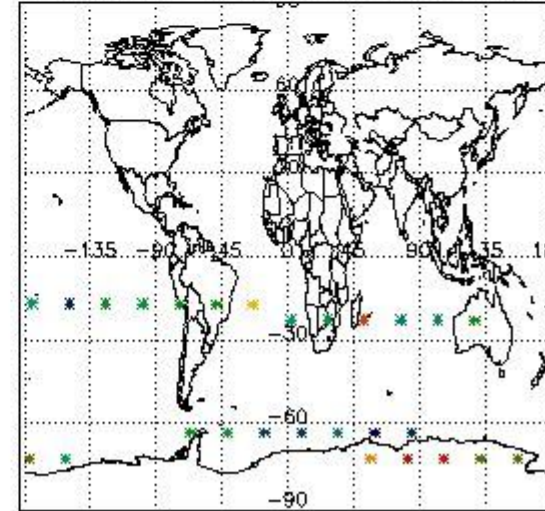
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

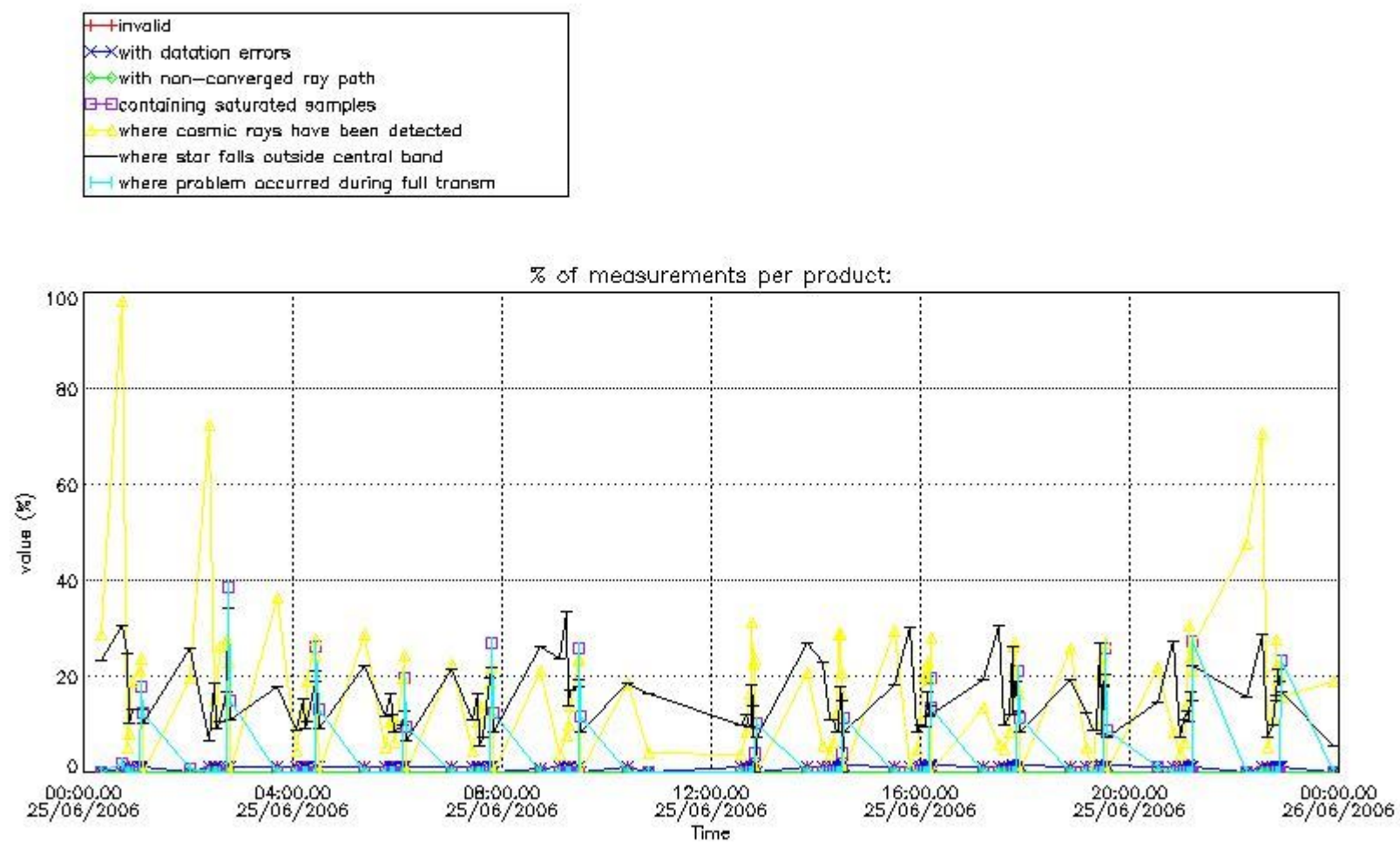


4. Level 1 quality information per product

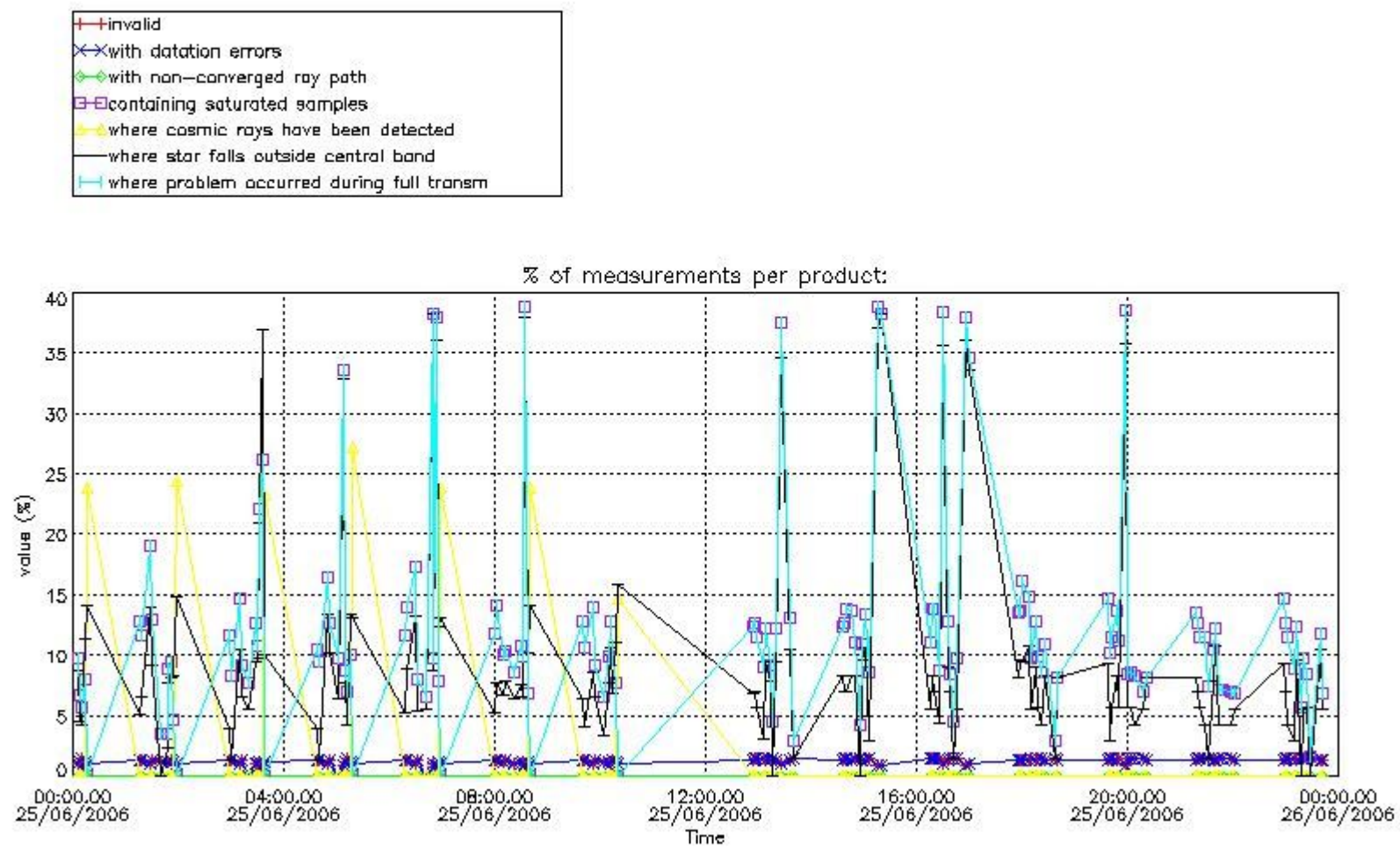
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

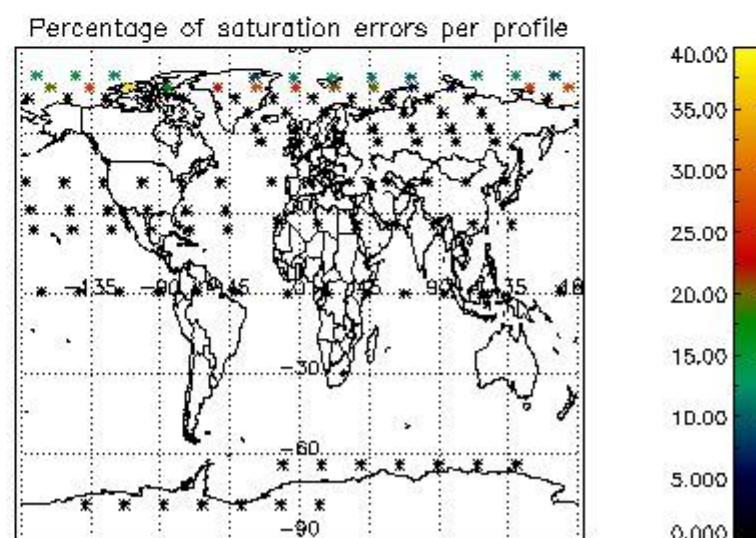
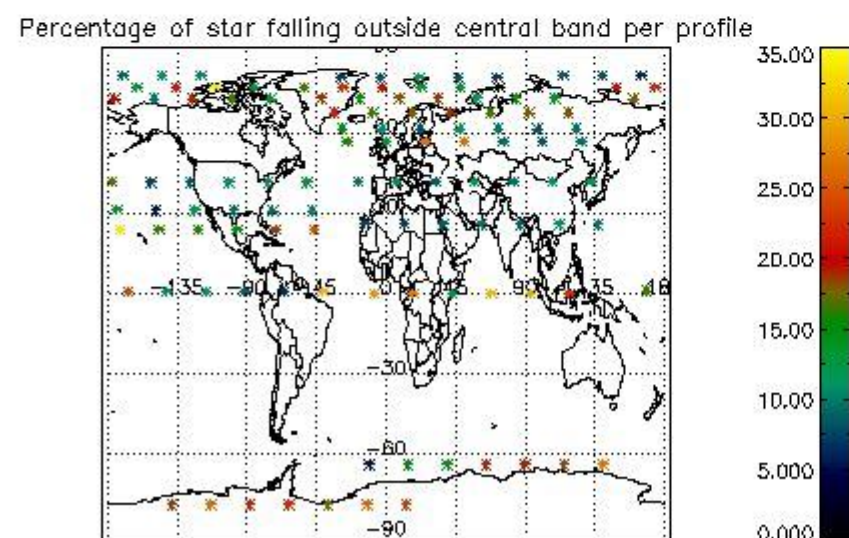
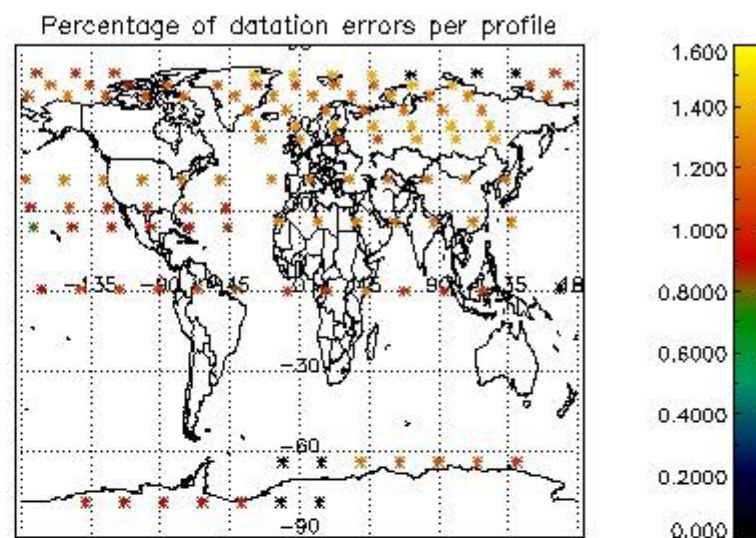
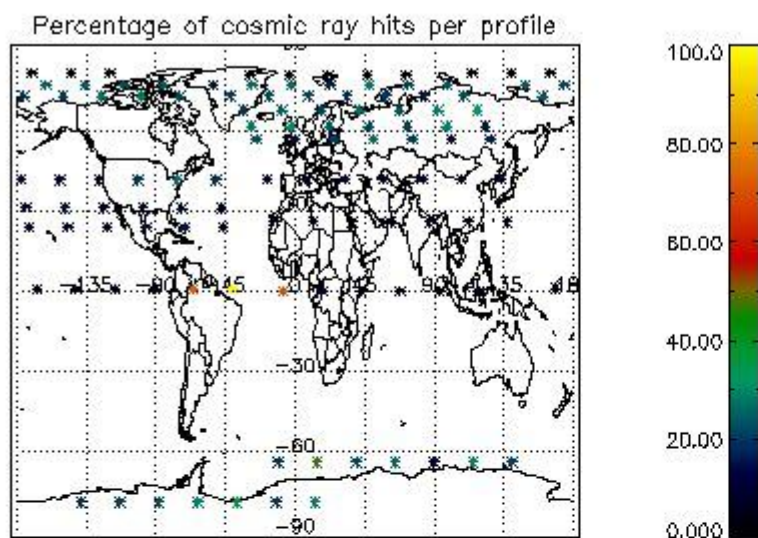


4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes

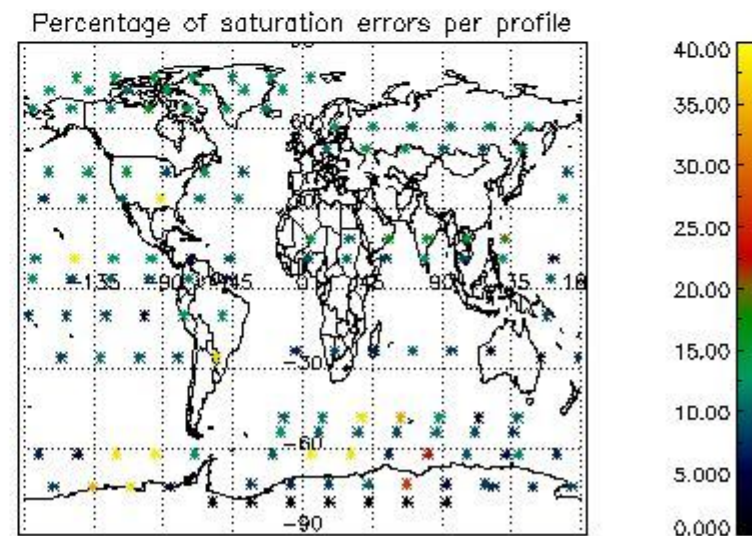
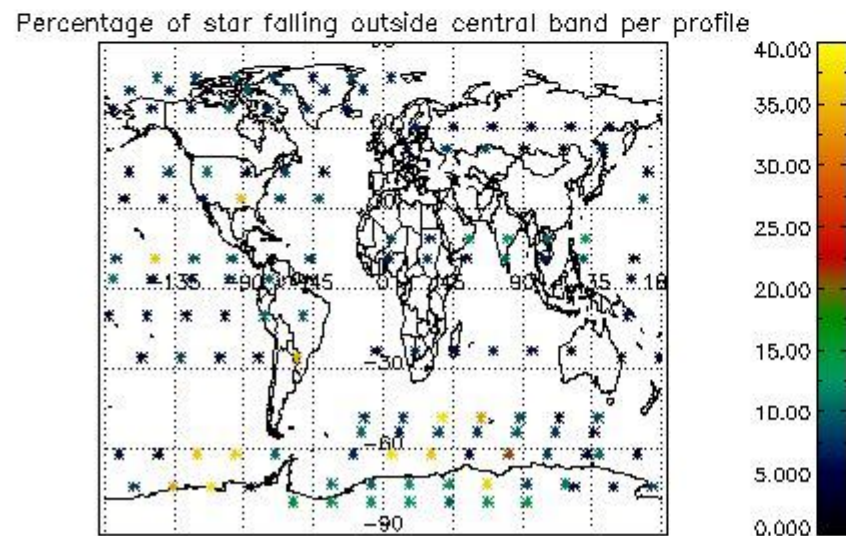
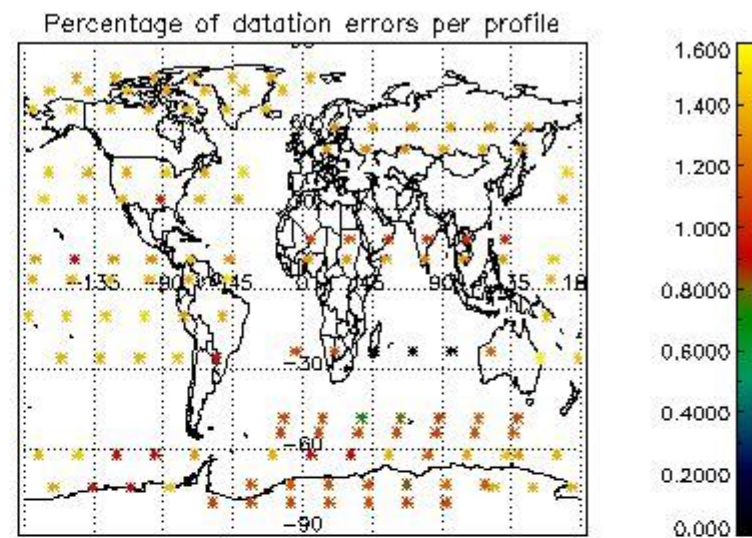
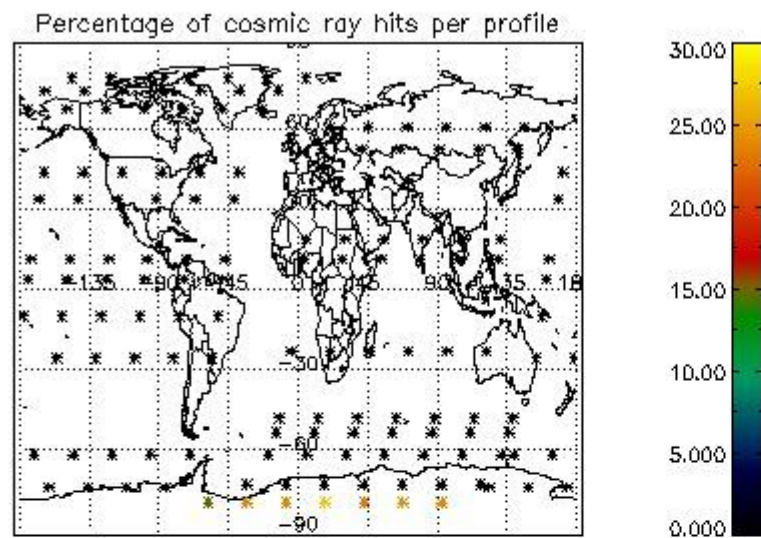


4.2 Plot quality information per product coming from level 1b processing (world map)

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

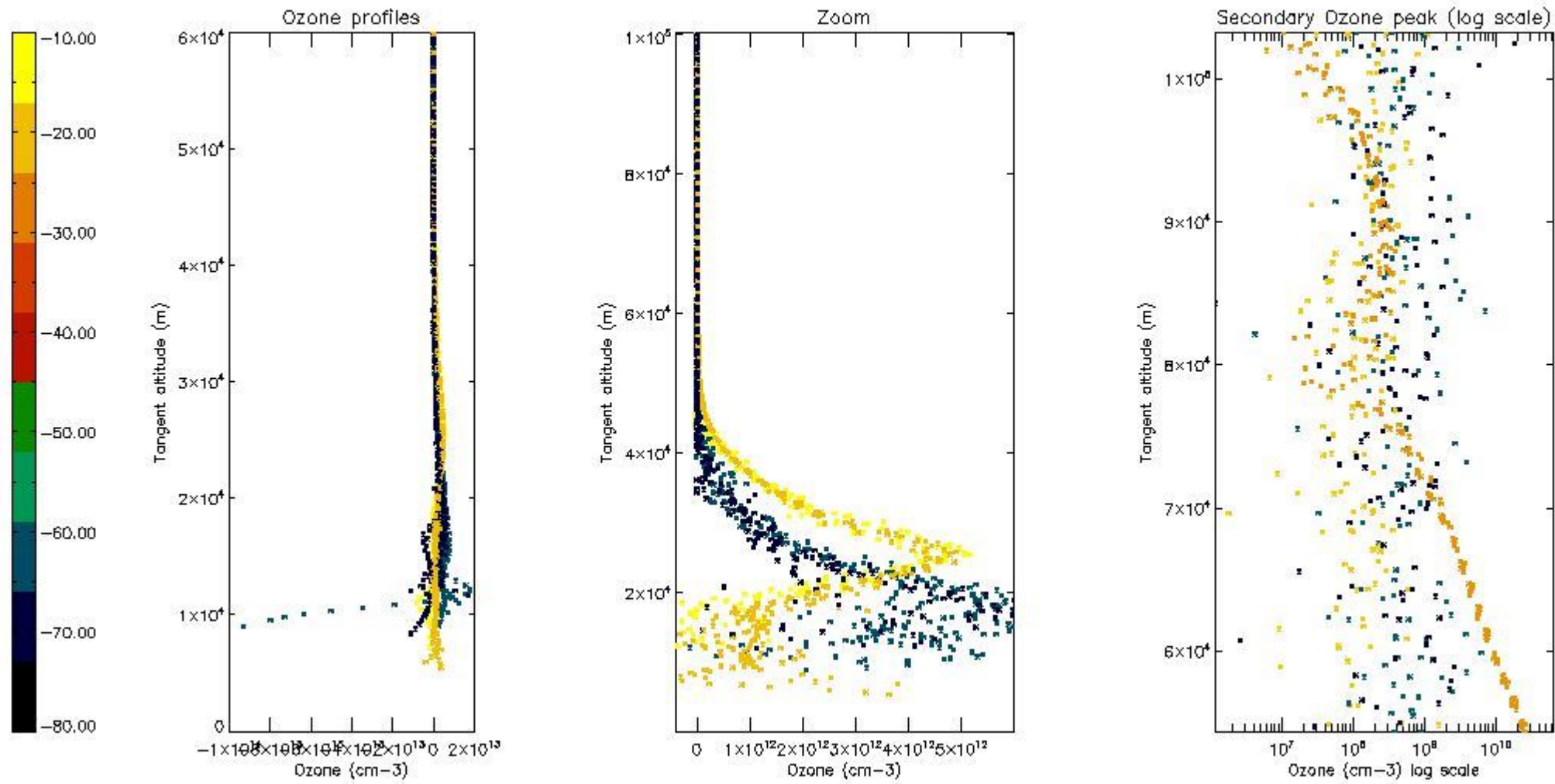
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 12 |
| STD < 20 | 4 |

| | |
|----------|---|
| STD < 10 | 3 |
| STD < 5 | 1 |

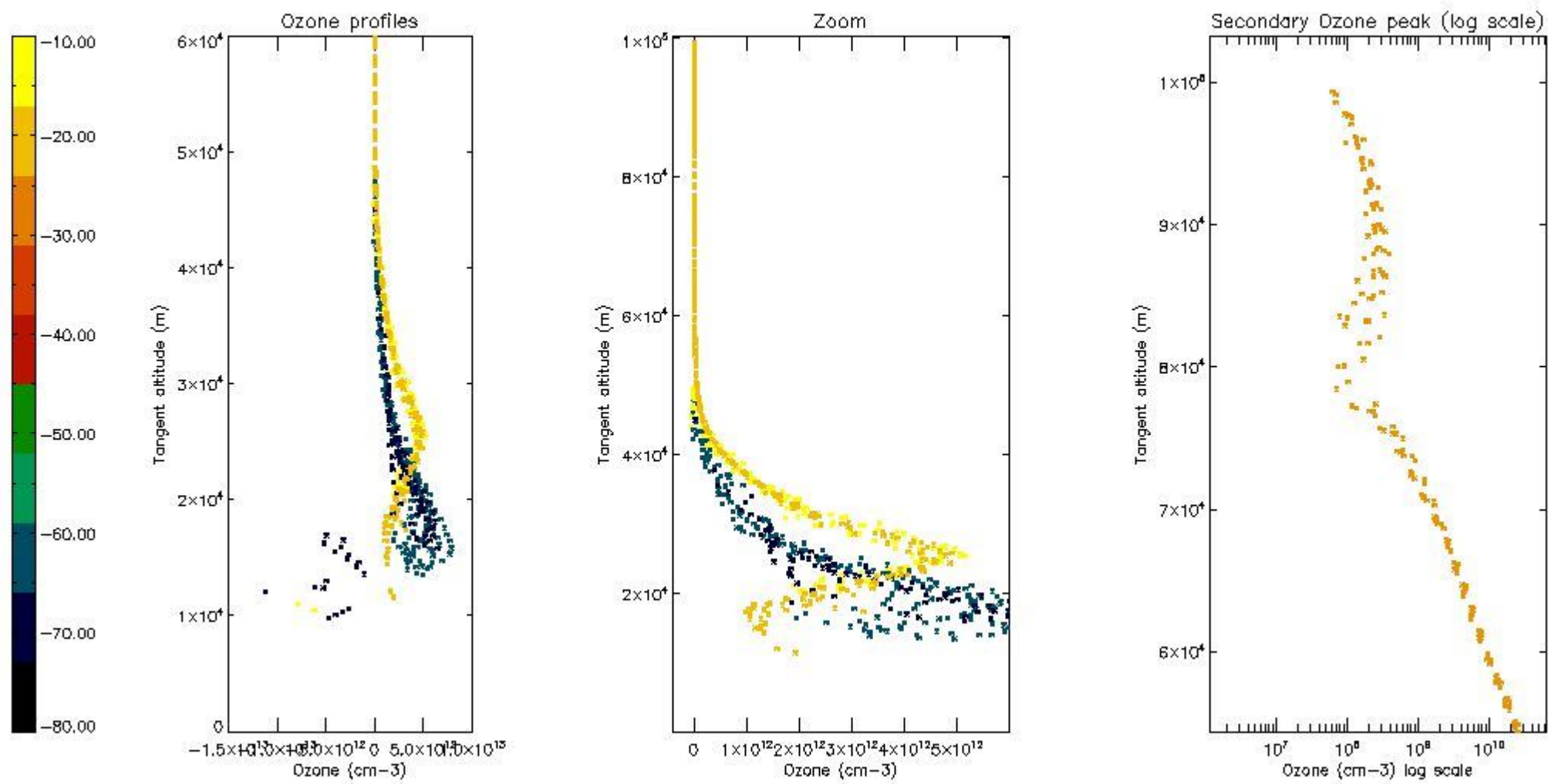
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



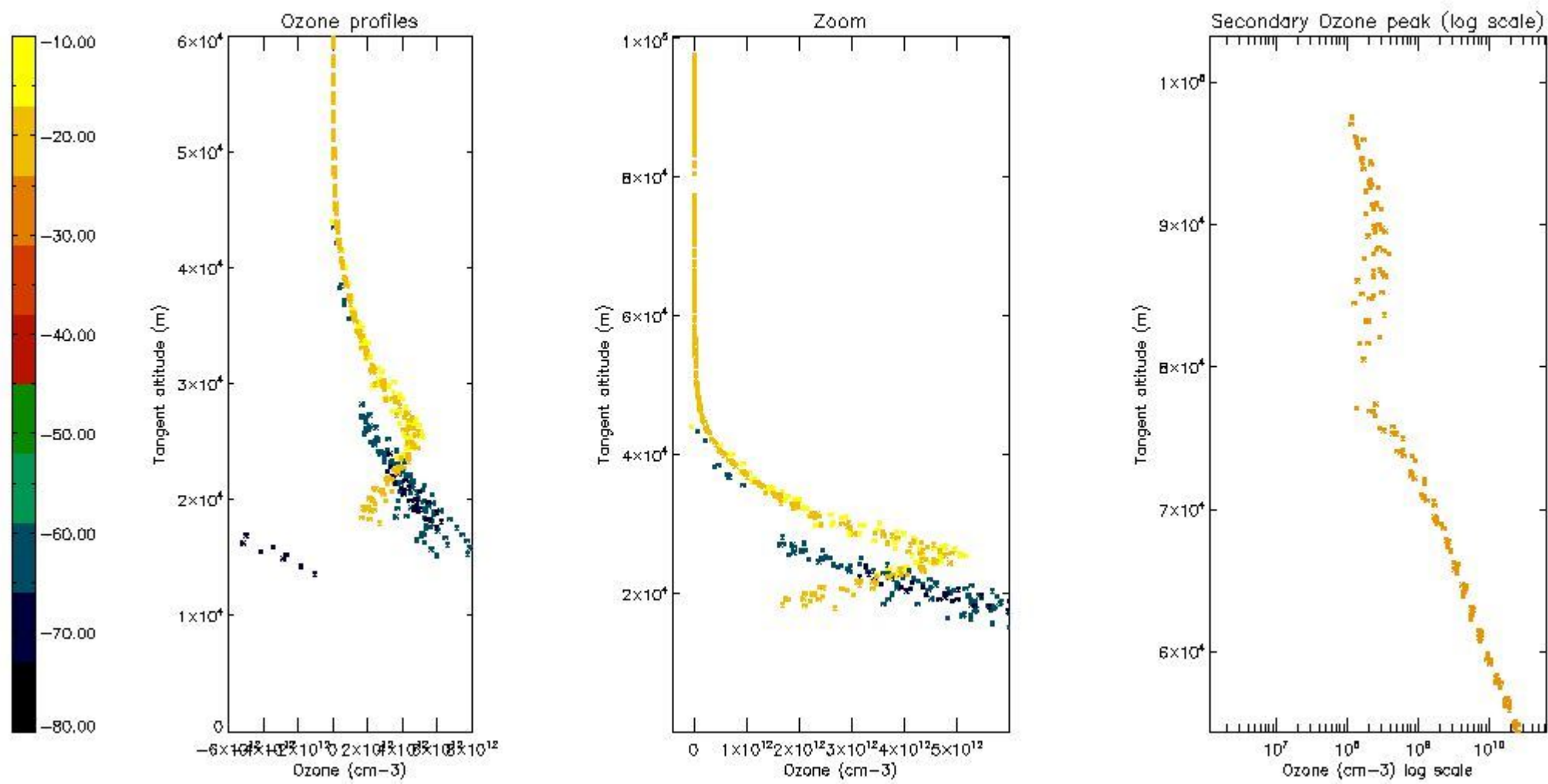
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



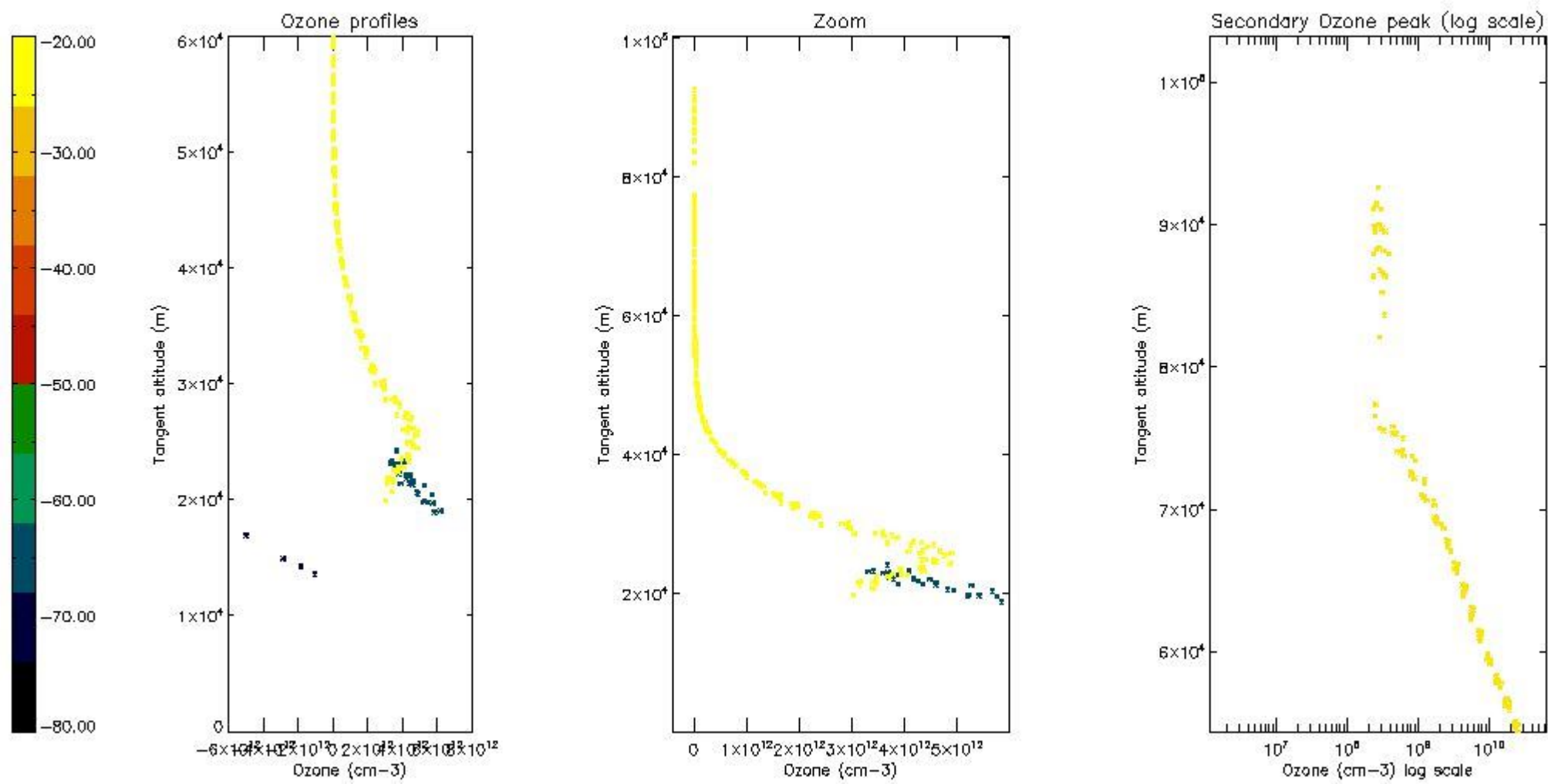
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



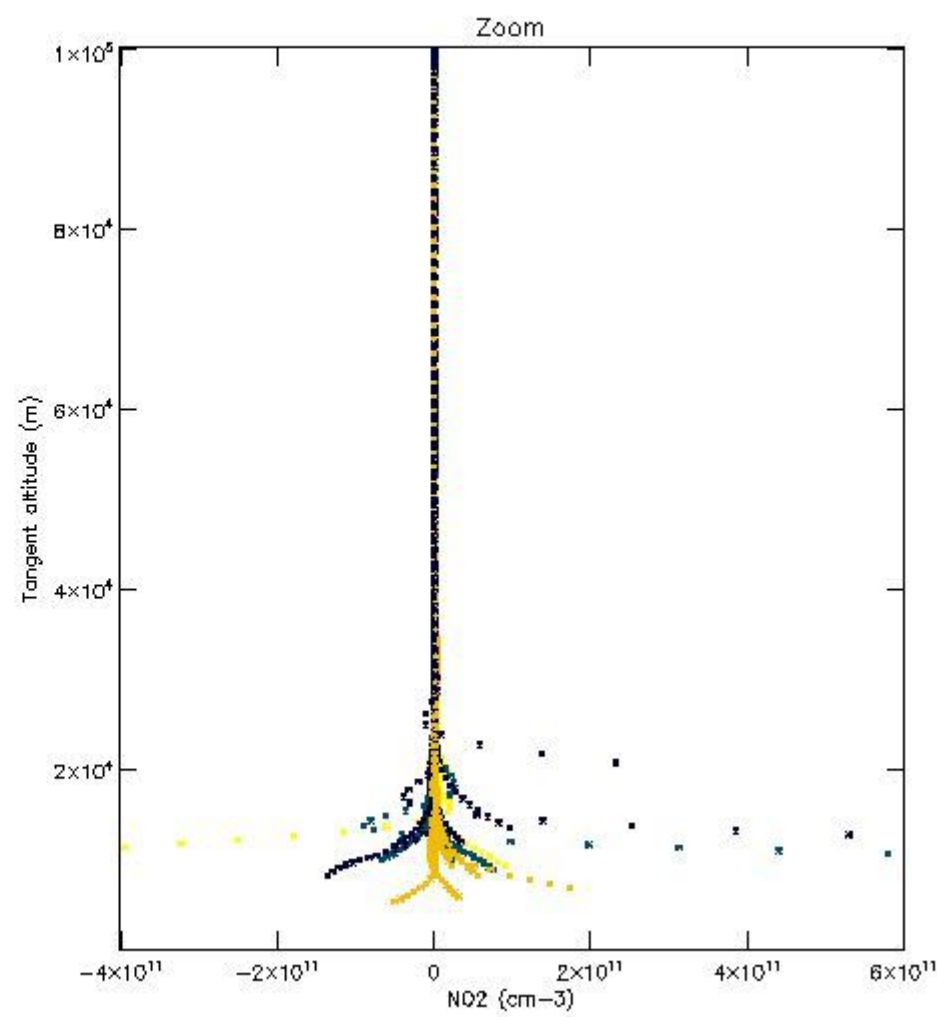
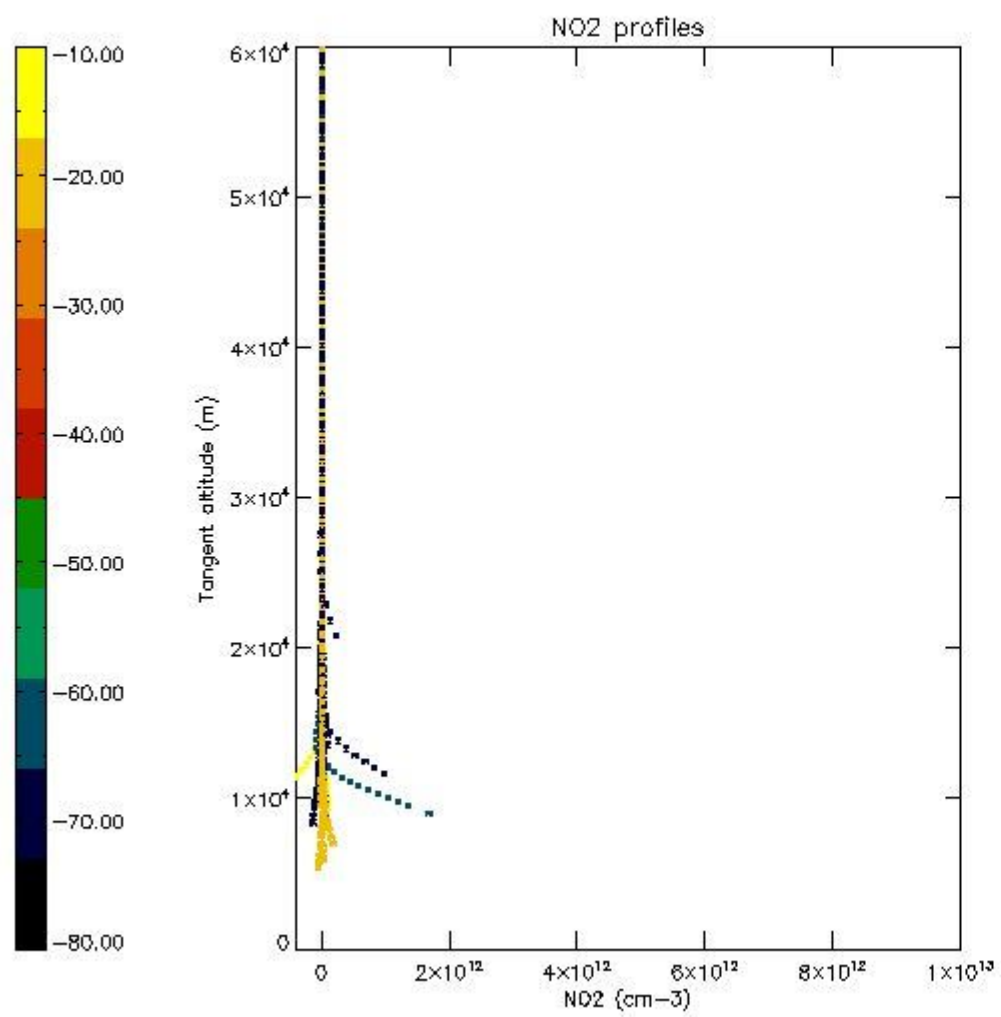
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



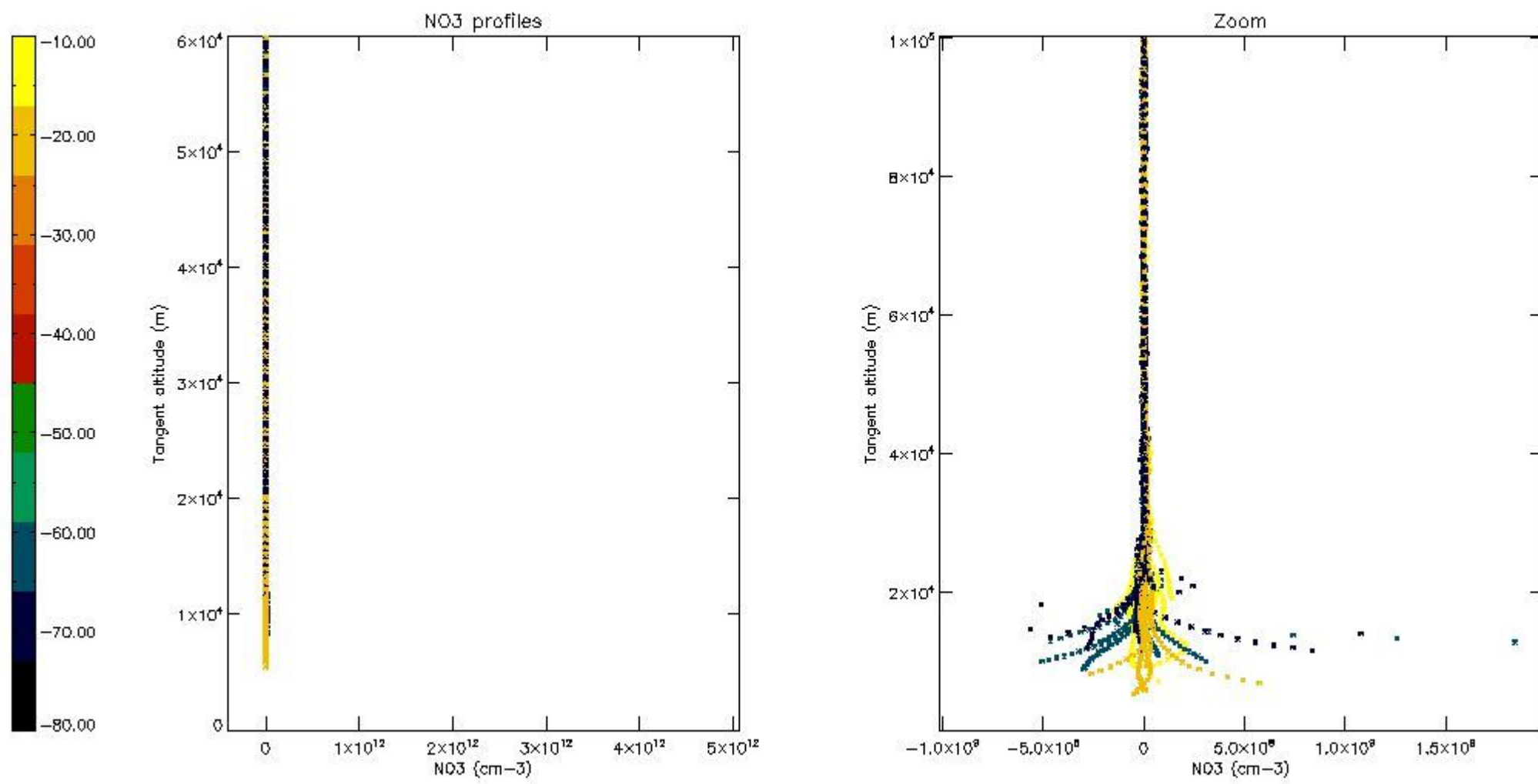
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



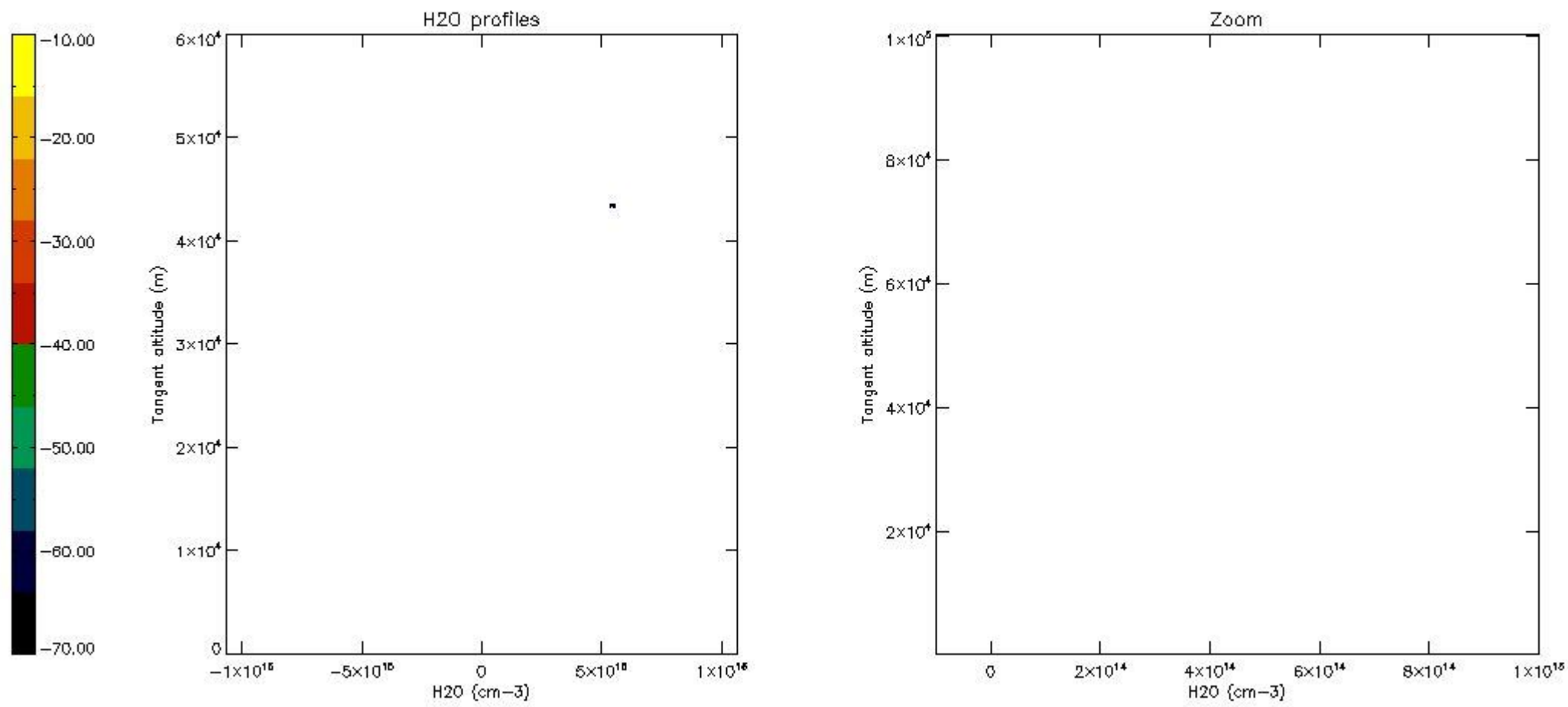
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

The colorbar represents the latitude.



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

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

| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1 | 25-JUN-2006 00:06:42 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 25-JUN-2006 00:06:42 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 25-JUN-2006 00:06:42 |

GOMOS Level 2 Daily Report

SUMMARY

[1. General Info](#)

[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 \(world map\)](#)

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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% \(dark without errors\)](#)

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[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 \(dark without errors\)](#)

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

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

| Item | Value |
|---------------------------|---------------------------------|
| Time of report generation | 24APR2013 00:29:37 |
| Data source version | GOMOS/6.01 |
| Start time of products | 25-06-2006 (25JUN2006 00:00:00) |
| Stop time of products | 26-06-2006 (26JUN2006 00:00:00) |
| Store outputs in DB | Yes |
| Nb of level 2 prods | 260 |
| Nb of prods with errors | 1 |

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__2PRFIN20060625_000642_000000462048_00474_22572_9412.N1 | 25-JUN-2006 00:06:42 | Bright | 46.000 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 92 | 22572 | No |
| 2 | GOM_NL__2PRFIN20060625_000816_000000452048_00474_22572_9413.N1 | 25-JUN-2006 00:08:16 | Bright | 44.500 | 68 | 18Alp Cas | 2.2250 | 4500.0 | 89 | 22572 | No |
| 3 | GOM_NL__2PRFIN20060625_001039_000000352048_00474_22572_9414.N1 | 25-JUN-2006 00:10:39 | Bright | 35.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 70 | 22572 | No |
| 4 | GOM_NL__2PRFIN20060625_001404_000000442048_00474_22572_9415.N1 | 25-JUN-2006 00:14:04 | Bright | 44.000 | 73 | 57Gam1And | 2.2600 | 13100. | 88 | 22572 | No |
| 5 | GOM_NL__2PRFIN20060625_001631_000000462048_00474_22572_9416.N1 | 25-JUN-2006 00:16:31 | Twilight | 46.000 | 173 | 4Bet Tri | 3.0040 | 8900.0 | 92 | 22572 | No |
| 6 | GOM_NL__2PRFIN20060625_002026_000000542048_00474_22572_9417.N1 | 25-JUN-2006 00:20:26 | Dark | 54.000 | 50 | 13Alp Ari | 2.0070 | 4250.0 | 108 | 22572 | No |
| 7 | GOM_NL__2PRFIN20060625_004340_000000612048_00475_22573_9400.N1 | 25-JUN-2006 00:43:40 | Dark | 60.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 121 | 22573 | No |
| 8 | GOM_NL__2PRFIN20060625_005009_000000592048_00475_22573_9401.N1 | 25-JUN-2006 00:50:09 | Straylight | 59.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 118 | 22573 | No |
| 9 | GOM_NL__2PRFIN20060625_005210_000000502048_00475_22573_9402.N1 | 25-JUN-2006 00:52:10 | Straylight | 49.500 | 31 | Alp Gru | 1.7340 | 15200. | 99 | 22573 | No |
| 10 | GOM_NL__2PRFIN20060625_005509_000000432048_00475_22573_9403.N1 | 25-JUN-2006 00:55:09 | Straylight | 42.500 | 45 | Alp Pav | 1.9400 | 26000. | 85 | 22573 | No |
| 11 | GOM_NL__2PRFIN20060625_010418_000000432048_00475_22573_9404.N1 | 25-JUN-2006 01:04:18 | Twilight | 42.500 | 38 | 20Eps Sgr | 1.8360 | 11000. | 85 | 22573 | No |
| 12 | GOM_NL__2PRFIN20060625_010543_000000432048_00475_22573_9405.N1 | 25-JUN-2006 01:05:43 | Bright | 42.500 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 85 | 22573 | No |
| 13 | GOM_NL__2PRFIN20060625_010752_000000492048_00475_22573_9406.N1 | 25-JUN-2006 01:07:52 | Bright | 49.000 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 98 | 22573 | No |
| 14 | GOM_NL__2PRFIN20060625_011636_000000392048_00475_22573_9407.N1 | 25-JUN-2006 01:16:36 | Bright | 39.000 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 78 | 22573 | No |
| 15 | GOM_NL__2PRFIN20060625_011859_000000392048_00475_22573_9408.N1 | 25-JUN-2006 01:18:59 | Bright | 38.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 77 | 22573 | No |
| 16 | GOM_NL__2PRFIN20060625_012831_000000502048_00475_22573_9409.N1 | 25-JUN-2006 01:28:31 | Bright | 50.000 | 5 | 3Alp Lyr | 0.033000 | 11000. | 100 | 22573 | No |
| 17 | GOM_NL__2PRFIN20060625_013036_000000392048_00475_22573_9410.N1 | 25-JUN-2006 01:30:36 | Bright | 38.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 77 | 22573 | No |
| 18 | GOM_NL__2PRFIN20060625_014013_000000432048_00475_22573_9411.N1 | 25-JUN-2006 01:40:13 | Bright | 43.000 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 86 | 22573 | No |
| 19 | GOM_NL__2PRFIN20060625_014718_000000432048_00475_22573_9412.N1 | 25-JUN-2006 01:47:18 | Bright | 43.000 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 86 | 22573 | No |
| 20 | GOM_NL__2PRFIN20060625_014852_000000452048_00475_22573_9413.N1 | 25-JUN-2006 01:48:52 | Bright | 45.000 | 68 | 18Alp Cas | 2.2250 | 4500.0 | 90 | 22573 | No |
| 21 | GOM_NL__2PRFIN20060625_015114_000000372048_00475_22573_9414.N1 | 25-JUN-2006 01:51:14 | Bright | 37.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 74 | 22573 | No |
| 22 | GOM_NL__2PRFIN20060625_015440_000000432048_00475_22573_9415.N1 | 25-JUN-2006 01:54:40 | Bright | 42.500 | 73 | 57Gam1And | 2.2600 | 13100. | 85 | 22573 | No |
| 23 | GOM_NL__2PRFIN20060625_015707_000000472048_00475_22573_9416.N1 | 25-JUN-2006 01:57:07 | Twilight | 47.000 | 173 | 4Bet Tri | 3.0040 | 8900.0 | 94 | 22573 | No |
| 24 | GOM_NL__2PRFIN20060625_020102_000000562048_00475_22573_9417.N1 | 25-JUN-2006 02:01:02 | Dark | 56.000 | 50 | 13Alp Ari | 2.0070 | 4250.0 | 112 | 22573 | No |
| 25 | GOM_NL__2PRFIN20060625_022417_000000462048_00476_22574_9400.N1 | 25-JUN-2006 02:24:17 | Dark | 45.500 | 84 | Alp Phe | 2.3970 | 4500.0 | 91 | 22574 | No |
| 26 | GOM_NL__2PRFIN20060625_023046_000000542048_00476_22574_9401.N1 | 25-JUN-2006 02:30:46 | Straylight | 54.000 | 63 | Bet Gru | 2.1500 | 2800.0 | 108 | 22574 | No |
| 27 | GOM_NL__2PRFIN20060625_023247_000000492048_00476_22574_9402.N1 | 25-JUN-2006 02:32:47 | Straylight | 49.000 | 31 | Alp Gru | 1.7340 | 15200. | 98 | 22574 | No |
| 28 | GOM_NL__2PRFIN20060625_023546_000000422048_00476_22574_9403.N1 | 25-JUN-2006 02:35:46 | Straylight | 42.000 | 45 | Alp Pav | 1.9400 | 26000. | 84 | 22574 | No |
| 29 | GOM_NL__2PRFIN20060625_024454_000000452048_00476_22574_9404.N1 | 25-JUN-2006 02:44:54 | Twilight | 45.000 | 38 | 20Eps Sgr | 1.8360 | 11000. | 90 | 22574 | No |
| 30 | GOM_NL__2PRFIN20060625_024619_000000572048_00476_22574_9405.N1 | 25-JUN-2006 02:46:19 | Bright | 57.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 114 | 22574 | No |
| 31 | GOM_NL__2PRFIN20060625_024828_000000512048_00476_22574_9406.N1 | 25-JUN-2006 02:48:28 | Bright | 50.500 | 155 | 41Pi Sgr | 2.9000 | 6600.0 | 101 | 22574 | No |
| 32 | GOM_NL__2PRFIN20060625_025712_000000392048_00476_22574_9407.N1 | 25-JUN-2006 02:57:12 | Bright | 38.500 | 126 | 60Bet Oph | 2.7700 | 4250.0 | 77 | 22574 | No |
| 33 | GOM_NL__2PRFIN20060625_025935_000000372048_00476_22574_9408.N1 | 25-JUN-2006 02:59:35 | Bright | 36.500 | 59 | 55Alp Oph | 2.0800 | 8900.0 | 73 | 22574 | No |
| 34 | GOM_NL__2PRFIN20060625_030906_000000482048_00476_22574_9409.N1 | 25-JUN-2006 03:09:06 | Bright | 47.500 | 5 | 3Alp Lyr | 0.033000 | 11000. | 95 | 22574 | No |
| 35 | GOM_NL__2PRFIN20060625_031112_000000382048_00476_22574_9410.N1 | 25-JUN-2006 03:11:12 | Bright | 38.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 76 | 22574 | No |
| 36 | GOM_NL__2PRFIN20060625_032048_000000462048_00476_22574_9411.N1 | 25-JUN-2006 03:20:48 | Bright | 45.500 | 89 | 5Alp Cep | 2.4510 | 8000.0 | 91 | 22574 | No |
| 37 | GOM_NL__2PRFIN20060625_032753_000000482048_00476_22574_9412.N1 | 25-JUN-2006 03:27:53 | Bright | 47.500 | 74 | 11Bet Cas | 2.2680 | 6600.0 | 95 | 22574 | No |
| 38 | GOM_NL__2PRFIN20060625_032927_000000472048_00476_22574_9413.N1 | 25-JUN-2006 03:29:27 | Bright | 46.500 | 68 | 18Alp Cas | 2.2250 | 4500.0 | 93 | 22574 | No |
| 39 | GOM_NL__2PRFIN20060625_033150_000000432048_00476_22574_9414.N1 | 25-JUN-2006 03:31:50 | Bright | 43.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 86 | 22574 | No |
| 40 | GOM_NL__2PRFIN20060625_033516_000000612048_00476_22574_9415.N1 | 25-JUN-2006 03:35:16 | Bright | 61.000 | 73 | 57Gam1And | 2.2600 | 13100. | 122 | 22574 | No |
| 41 | GOM_NL__2PRFIN20060625_033743_000000452048_00476_22574_9416.N1 | 25-JUN-2006 03:37:43 | Twilight | 45.000 | 173 | 4Bet Tri | 3.0040 | 8900.0 | 90 | 22574 | No |
| 42 | GOM_NL__2PRFIN20060625_034138_000000512048_00476_22574_9417.N1 | 25-JUN-2006 03:41:38 | Dark | 51.000 | 50 | 13Alp Ari | 2.0070 | 4250.0 | 102 | 22574 | No |

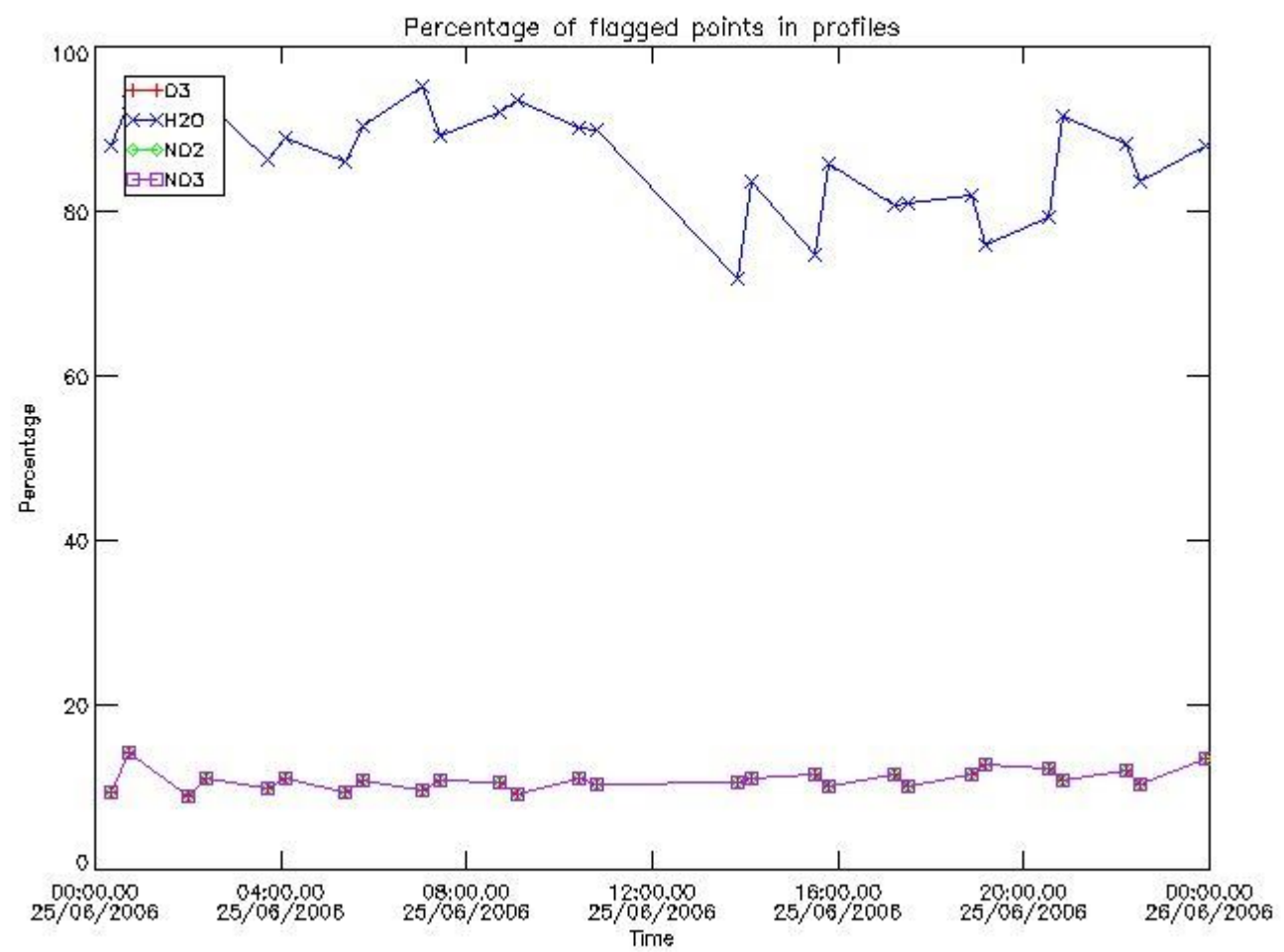
| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|---------|--------|-----|-------|----|
| 161 | GOM_NL__2PRFIN20060625_160619_000000372048_00484_22582_9423.N1 | 25-JUN-2006 16:06:19 | Straylight | 37.000 | 147 | Alp Ara | 2.8770 | 26000. | 74 | 22582 | No |
| 162 | GOM_NL__2PRFIN20060625_160806_000000422048_00484_22582_9424.N1 | 25-JUN-2006 16:08:06 | Tw_i_and_stray | 41.500 | 40 | The Sco | 1.8590 | 7100.0 | 83 | 22582 | No |
| 163 | GOM_NL__2PRFIN20060625_160947_000000392048_00484_22582_9425.N1 | 25-JUN-2006 16:09:47 | Tw_i_and_stray | 39.000 | 25 | 35Lam Sco | 1.6200 | 28000. | 78 | 22582 | No |
| 164 | GOM_NL__2PRFIN20060625_161109_000000432048_00484_22582_9426.N1 | 25-JUN-2006 16:11:09 | Bright | 43.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 86 | 22582 | No |
| 165 | GOM_NL__2PRFIN20060625_161255_000000372048_00484_22582_9427.N1 | 25-JUN-2006 16:12:55 | Bright | 37.000 | 136 | 23Tau Sco | 2.8220 | 30000. | 74 | 22582 | No |
| 166 | GOM_NL__2PRFIN20060625_161604_000000362048_00484_22582_9428.N1 | 25-JUN-2006 16:16:04 | Bright | 36.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 72 | 22582 | No |
| 167 | GOM_NL__2PRFIN20060625_161748_000000362048_00484_22582_9429.N1 | 25-JUN-2006 16:17:48 | Bright | 36.000 | 98 | 13Zet Oph | 2.5710 | 30000. | 72 | 22582 | No |
| 168 | GOM_NL__2PRFIN20060625_161956_000000362048_00484_22582_9430.N1 | 25-JUN-2006 16:19:56 | Bright | 36.000 | 120 | 1Del Oph | 2.7340 | 3200.0 | 72 | 22582 | No |
| 169 | GOM_NL__2PRFIN20060625_162649_000000352048_00484_22582_9431.N1 | 25-JUN-2006 16:26:49 | Bright | 34.500 | 127 | 27Bet Her | 2.7810 | 4700.0 | 69 | 22582 | No |
| 170 | GOM_NL__2PRFIN20060625_162939_000000522048_00484_22582_9432.N1 | 25-JUN-2006 16:29:39 | Bright | 52.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 104 | 22582 | No |
| 171 | GOM_NL__2PRFIN20060625_163558_000000392048_00484_22582_9433.N1 | 25-JUN-2006 16:35:58 | Bright | 39.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 78 | 22582 | No |
| 172 | GOM_NL__2PRFIN20060625_163804_000000362048_00484_22582_9434.N1 | 25-JUN-2006 16:38:04 | Bright | 35.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 71 | 22582 | No |
| 173 | GOM_NL__2PRFIN20060625_164154_000000342048_00484_22582_9435.N1 | 25-JUN-2006 16:41:54 | Bright | 33.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 67 | 22582 | No |
| 174 | GOM_NL__2PRFIN20060625_164618_000000362048_00484_22582_9436.N1 | 25-JUN-2006 16:46:18 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 22582 | No |
| 175 | GOM_NL__2PRFIN20060625_165638_000000542048_00484_22582_9437.N1 | 25-JUN-2006 16:56:38 | Bright | 54.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 108 | 22582 | No |
| 176 | GOM_NL__2PRFIN20060625_170023_000000522048_00484_22582_9438.N1 | 25-JUN-2006 17:00:23 | Bright | 52.000 | 79 | 26Bet Per | 2.3100 | 13100. | 104 | 22582 | No |
| 177 | GOM_NL__2PRFIN20060625_171121_000000452048_00484_22582_9439.N1 | 25-JUN-2006 17:11:21 | Dark | 44.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 89 | 22582 | No |
| 178 | GOM_NL__2PRFIN20060625_172928_000000512048_00485_22583_9440.N1 | 25-JUN-2006 17:29:28 | Dark | 50.500 | 9 | Alp Eri | 0.45300 | 24000. | 101 | 22583 | No |
| 179 | GOM_NL__2PRFIN20060625_173645_000000412048_00485_22583_9421.N1 | 25-JUN-2006 17:36:45 | Straylight | 41.000 | 148 | Alp Tuc | 2.8780 | 4100.0 | 82 | 22583 | No |
| 180 | GOM_NL__2PRFIN20060625_174114_000000422048_00485_22583_9422.N1 | 25-JUN-2006 17:41:14 | Straylight | 42.000 | 45 | Alp Pav | 1.9400 | 26000. | 84 | 22583 | No |
| 181 | GOM_NL__2PRFIN20060625_174530_000000462048_00485_22583_9423.N1 | 25-JUN-2006 17:45:30 | Straylight | 46.000 | 141 | Bet Ara | 2.8400 | 4600.0 | 92 | 22583 | No |
| 182 | GOM_NL__2PRFIN20060625_174655_000000382048_00485_22583_9424.N1 | 25-JUN-2006 17:46:55 | Straylight | 38.000 | 147 | Alp Ara | 2.8770 | 26000. | 76 | 22583 | No |
| 183 | GOM_NL__2PRFIN20060625_174842_000000432048_00485_22583_9425.N1 | 25-JUN-2006 17:48:42 | Tw_i_and_stray | 42.500 | 40 | The Sco | 1.8590 | 7100.0 | 85 | 22583 | No |
| 184 | GOM_NL__2PRFIN20060625_175023_000000432048_00485_22583_9426.N1 | 25-JUN-2006 17:50:23 | Tw_i_and_stray | 42.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 85 | 22583 | No |
| 185 | GOM_NL__2PRFIN20060625_175145_000000432048_00485_22583_9427.N1 | 25-JUN-2006 17:51:45 | Bright | 43.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 86 | 22583 | No |
| 186 | GOM_NL__2PRFIN20060625_175331_000000362048_00485_22583_9428.N1 | 25-JUN-2006 17:53:31 | Bright | 36.000 | 136 | 23Tau Sco | 2.8220 | 30000. | 72 | 22583 | No |
| 187 | GOM_NL__2PRFIN20060625_175640_000000372048_00485_22583_9429.N1 | 25-JUN-2006 17:56:40 | Bright | 37.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 74 | 22583 | No |
| 188 | GOM_NL__2PRFIN20060625_175824_000000372048_00485_22583_9430.N1 | 25-JUN-2006 17:58:24 | Bright | 36.500 | 98 | 13Zet Oph | 2.5710 | 30000. | 73 | 22583 | No |
| 189 | GOM_NL__2PRFIN20060625_180032_000000372048_00485_22583_9431.N1 | 25-JUN-2006 18:00:32 | Bright | 37.000 | 120 | 1Del Oph | 2.7340 | 3200.0 | 74 | 22583 | No |
| 190 | GOM_NL__2PRFIN20060625_180725_000000372048_00485_22583_9432.N1 | 25-JUN-2006 18:07:25 | Bright | 37.000 | 127 | 27Bet Her | 2.7810 | 4700.0 | 74 | 22583 | No |
| 191 | GOM_NL__2PRFIN20060625_181015_000000362048_00485_22583_9433.N1 | 25-JUN-2006 18:10:15 | Bright | 36.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 72 | 22583 | No |
| 192 | GOM_NL__2PRFIN20060625_181633_000000392048_00485_22583_9434.N1 | 25-JUN-2006 18:16:33 | Bright | 39.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 78 | 22583 | No |
| 193 | GOM_NL__2PRFIN20060625_181840_000000362048_00485_22583_9435.N1 | 25-JUN-2006 18:18:40 | Bright | 35.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 71 | 22583 | No |
| 194 | GOM_NL__2PRFIN20060625_182230_000000352048_00485_22583_9436.N1 | 25-JUN-2006 18:22:30 | Bright | 35.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 70 | 22583 | No |
| 195 | GOM_NL__2PRFIN20060625_182654_000000372048_00485_22583_9437.N1 | 25-JUN-2006 18:26:54 | Bright | 36.500 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 73 | 22583 | No |
| 196 | GOM_NL__2PRFIN20060625_183714_000000352048_00485_22583_9438.N1 | 25-JUN-2006 18:37:14 | Bright | 34.500 | 160 | 23Gam Per | 2.9300 | 4700.0 | 69 | 22583 | No |
| 197 | GOM_NL__2PRFIN20060625_184059_000000372048_00485_22583_9439.N1 | 25-JUN-2006 18:40:59 | Bright | 37.000 | 79 | 26Bet Per | 2.3100 | 13100. | 74 | 22583 | No |
| 198 | GOM_NL__2PRFIN20060625_185157_000000452048_00485_22583_9440.N1 | 25-JUN-2006 18:51:57 | Dark | 44.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 89 | 22583 | No |
| 199 | GOM_NL__2PRFIN20060625_191005_000000402048_00486_22584_9441.N1 | 25-JUN-2006 19:10:05 | Dark | 40.000 | 9 | Alp Eri | 0.45300 | 24000. | 80 | 22584 | No |
| 200 | GOM_NL__2PRFIN20060625_191722_000000412048_00486_22584_9421.N1 | 25-JUN-2006 19:17:22 | Straylight | 40.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 81 | 22584 | No |
| 201 | GOM_NL__2PRFIN20060625_192151_000000412048_00486_22584_9422.N1 | 25-JUN-2006 19:21:51 | Straylight | 40.500 | 45 | Alp Pav | 1.9400 | 26000. | 81 | 22584 | No |
| 202 | GOM_NL__2PRFIN20060625_192606_000000472048_00486_22584_9423.N1 | 25-JUN-2006 19:26:06 | Straylight | 46.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 93 | 22584 | No |
| 203 | GOM_NL__2PRFIN20060625_192732_000000372048_00486_22584_9424.N1 | 25-JUN-2006 19:27:32 | Straylight | 37.000 | 147 | Alp Ara | 2.8770 | 26000. | 74 | 22584 | No |
| 204 | GOM_NL__2PRFIN20060625_192919_000000422048_00486_22584_9425.N1 | 25-JUN-2006 19:29:19 | Tw_i_and_stray | 42.000 | 40 | The Sco | 1.8590 | 7100.0 | 84 | 22584 | No |
| 205 | GOM_NL__2PRFIN20060625_193059_000000422048_00486_22584_9426.N1 | 25-JUN-2006 19:30:59 | Tw_i_and_stray | 41.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 83 | 22584 | No |
| 206 | GOM_NL__2PRFIN20060625_193221_000000472048_00486_22584_9427.N1 | 25-JUN-2006 19:32:21 | Bright | 46.500 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 93 | 22584 | No |
| 207 | GOM_NL__2PRFIN20060625_193408_000000352048_00486_22584_9428.N1 | 25-JUN-2006 19:34:08 | Bright | 35.000 | 136 | 23Tau Sco | 2.8220 | 30000. | 70 | 22584 | No |
| 208 | GOM_NL__2PRFIN20060625_193716_000000382048_00486_22584_9429.N1 | 25-JUN-2006 19:37:16 | Bright | 37.500 | 86 | 35Eta Oph | 2.4300 | 10200. | 75 | 22584 | No |
| 209 | GOM_NL__2PRFIN20060625_193901_000000352048_00486_22584_9430.N1 | 25-JUN-2006 19:39:01 | Bright | 34.500 | 98 | 13Zet Oph | 2.5710 | 30000. | 69 | 22584 | No |
| 210 | GOM_NL__2PRFIN20060625_194108_000000352048_00486_22584_9431.N1 | 25-JUN-2006 19:41:08 | Bright | 35.000 | 120 | 1Del Oph | 2.7340 | 3200.0 | 70 | 22584 | No |
| 211 | GOM_NL__2PRFIN20060625_194801_000000372048_00486_22584_9432.N1 | 25-JUN-2006 19:48:01 | Bright | 36.500 | 127 | 27Bet Her | 2.7810 | 4700.0 | 73 | 22584 | No |
| 212 | GOM_NL__2PRFIN20060625_195051_000000362048_00486_22584_9433.N1 | 25-JUN-2006 19:50:51 | Bright | 35.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 71 | 22584 | No |
| 213 | GOM_NL__2PRFIN20060625_195709_000000552048_00486_22584_9434.N1 | 25-JUN-2006 19:57:09 | Bright | 54.500 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 109 | 22584 | No |
| 214 | GOM_NL__2PRFIN20060625_195916_000000362048_00486_22584_9435.N1 | 25-JUN-2006 19:59:16 | Bright | 35.500 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 71 | 22584 | No |
| 215 | GOM_NL__2PRFIN20060625_200306_000000352048_00486_22584_9436.N1 | 25-JUN-2006 20:03:06 | Bright | 35.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 70 | 22584 | No |
| 216 | GOM_NL__2PRFIN20060625_200730_000000362048_00486_22584_9437.N1 | 25-JUN-2006 20:07:30 | Bright | 36.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 72 | 22584 | No |
| 217 | GOM_NL__2PRFIN20060625_201750_000000362048_00486_22584_9438.N1 | 25-JUN-2006 20:17:50 | Bright | 36.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 72 | 22584 | No |
| 218 | GOM_NL__2PRFIN20060625_202135_000000372048_00486_22584_9439.N1 | 25-JUN-2006 20:21:35 | Bright | 37.000 | 79 | 26Bet Per | 2.3100 | 13100. | 74 | 22584 | No |
| 219 | GOM_NL__2PRFIN20060625_203233_000000422048_00486_22584_9440.N1 | 25-JUN-2006 20:32:33 | Dark | 41.500 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 83 | 22584 | No |

| | | | | | | | | | | | |
|-----|--|----------------------|----------------|--------|-----|-----------|---------|--------|----|-------|-----|
| 220 | GOM_NL__2PRFIN20060625_205041_000000482048_00487_22585_9440.N1 | 25-JUN-2006 20:50:41 | Dark | 47.500 | 9 | Alp Eri | 0.45300 | 24000. | 95 | 22585 | No |
| 221 | GOM_NL__2PRFIN20060625_205758_000000412048_00487_22585_9441.N1 | 25-JUN-2006 20:57:58 | Straylight | 40.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 81 | 22585 | No |
| 222 | GOM_NL__2PRFIN20060625_210227_000000422048_00487_22585_9442.N1 | 25-JUN-2006 21:02:27 | Straylight | 41.500 | 45 | Alp Pav | 1.9400 | 26000. | 83 | 22585 | No |
| 223 | GOM_NL__2PRFIN20060625_210642_000000392048_00487_22585_9443.N1 | 25-JUN-2006 21:06:42 | Straylight | 39.000 | 141 | Bet Ara | 2.8400 | 4600.0 | 78 | 22585 | No |
| 224 | GOM_NL__2PRFIN20060625_210808_000000382048_00487_22585_9444.N1 | 25-JUN-2006 21:08:08 | Straylight | 37.500 | 147 | Alp Ara | 2.8770 | 26000. | 75 | 22585 | No |
| 225 | GOM_NL__2PRFIN20060625_210955_000000422048_00487_22585_9445.N1 | 25-JUN-2006 21:09:55 | Tw_i_and_stray | 41.500 | 40 | The Sco | 1.8590 | 7100.0 | 83 | 22585 | No |
| 226 | GOM_NL__2PRFIN20060625_211135_000000412048_00487_22585_9446.N1 | 25-JUN-2006 21:11:35 | Tw_i_and_stray | 40.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 81 | 22585 | No |
| 227 | GOM_NL__2PRFIN20060625_211257_000000482048_00487_22585_9447.N1 | 25-JUN-2006 21:12:57 | Bright | 47.500 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 95 | 22585 | No |
| 228 | GOM_NL__2PRFIN20060625_211458_000000222048_00487_22585_9448.N1 | 25-JUN-2006 21:14:58 | Dark | 22.000 | 136 | 23Tau Sco | 2.8220 | 30000. | 44 | 22585 | Yes |
| 229 | GOM_NL__2PRFIN20060625_211752_000000372048_00487_22585_9449.N1 | 25-JUN-2006 21:17:52 | Bright | 37.000 | 86 | 35Eta Oph | 2.4300 | 10200. | 74 | 22585 | No |
| 230 | GOM_NL__2PRFIN20060625_211937_000000362048_00487_22585_9450.N1 | 25-JUN-2006 21:19:37 | Bright | 35.500 | 98 | 13Zet Oph | 2.5710 | 30000. | 71 | 22585 | No |
| 231 | GOM_NL__2PRFIN20060625_212144_000000352048_00487_22585_9451.N1 | 25-JUN-2006 21:21:44 | Bright | 35.000 | 120 | 1Del Oph | 2.7340 | 3200.0 | 70 | 22585 | No |
| 232 | GOM_NL__2PRFIN20060625_212837_000000352048_00487_22585_9452.N1 | 25-JUN-2006 21:28:37 | Bright | 35.000 | 127 | 27Bet Her | 2.7810 | 4700.0 | 70 | 22585 | No |
| 233 | GOM_NL__2PRFIN20060625_213127_000000342048_00487_22585_9453.N1 | 25-JUN-2006 21:31:27 | Bright | 34.000 | 133 | 40Zet Her | 2.8070 | 6000.0 | 68 | 22585 | No |
| 234 | GOM_NL__2PRFIN20060625_213745_000000382048_00487_22585_9454.N1 | 25-JUN-2006 21:37:45 | Bright | 38.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 76 | 22585 | No |
| 235 | GOM_NL__2PRFIN20060625_213952_000000372048_00487_22585_9455.N1 | 25-JUN-2006 21:39:52 | Bright | 37.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 74 | 22585 | No |
| 236 | GOM_NL__2PRFIN20060625_214342_000000352048_00487_22585_9456.N1 | 25-JUN-2006 21:43:42 | Bright | 35.000 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 70 | 22585 | No |
| 237 | GOM_NL__2PRFIN20060625_214806_000000352048_00487_22585_9457.N1 | 25-JUN-2006 21:48:06 | Bright | 35.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 70 | 22585 | No |
| 238 | GOM_NL__2PRFIN20060625_215826_000000362048_00487_22585_9458.N1 | 25-JUN-2006 21:58:26 | Bright | 36.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 72 | 22585 | No |
| 239 | GOM_NL__2PRFIN20060625_220211_000000372048_00487_22585_9459.N1 | 25-JUN-2006 22:02:11 | Bright | 36.500 | 79 | 26Bet Per | 2.3100 | 13100. | 73 | 22585 | No |
| 240 | GOM_NL__2PRFIN20060625_221309_000000422048_00487_22585_9460.N1 | 25-JUN-2006 22:13:09 | Dark | 42.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 84 | 22585 | No |
| 241 | GOM_NL__2PRFIN20060625_223117_000000492048_00488_22586_9440.N1 | 25-JUN-2006 22:31:17 | Dark | 49.000 | 9 | Alp Eri | 0.45300 | 24000. | 98 | 22586 | No |
| 242 | GOM_NL__2PRFIN20060625_223835_000000412048_00488_22586_9441.N1 | 25-JUN-2006 22:38:35 | Straylight | 40.500 | 148 | Alp Tuc | 2.8780 | 4100.0 | 81 | 22586 | No |
| 243 | GOM_NL__2PRFIN20060625_224304_000000412048_00488_22586_9442.N1 | 25-JUN-2006 22:43:04 | Straylight | 40.500 | 45 | Alp Pav | 1.9400 | 26000. | 81 | 22586 | No |
| 244 | GOM_NL__2PRFIN20060625_224718_000000412048_00488_22586_9443.N1 | 25-JUN-2006 22:47:18 | Straylight | 40.500 | 141 | Bet Ara | 2.8400 | 4600.0 | 81 | 22586 | No |
| 245 | GOM_NL__2PRFIN20060625_224844_000000402048_00488_22586_9444.N1 | 25-JUN-2006 22:48:44 | Straylight | 40.000 | 147 | Alp Ara | 2.8770 | 26000. | 80 | 22586 | No |
| 246 | GOM_NL__2PRFIN20060625_225031_000000442048_00488_22586_9445.N1 | 25-JUN-2006 22:50:31 | Tw_i_and_stray | 44.000 | 40 | The Sco | 1.8590 | 7100.0 | 88 | 22586 | No |
| 247 | GOM_NL__2PRFIN20060625_225211_000000432048_00488_22586_9446.N1 | 25-JUN-2006 22:52:11 | Tw_i_and_stray | 42.500 | 25 | 35Lam Sco | 1.6200 | 28000. | 85 | 22586 | No |
| 248 | GOM_NL__2PRFIN20060625_225333_000000452048_00488_22586_9447.N1 | 25-JUN-2006 22:53:33 | Bright | 45.000 | 116 | 19Del Sgr | 2.7000 | 4100.0 | 90 | 22586 | No |
| 249 | GOM_NL__2PRFIN20060625_225828_000000382048_00488_22586_9448.N1 | 25-JUN-2006 22:58:28 | Bright | 37.500 | 86 | 35Eta Oph | 2.4300 | 10200. | 75 | 22586 | No |
| 250 | GOM_NL__2PRFIN20060625_230013_000000362048_00488_22586_9449.N1 | 25-JUN-2006 23:00:13 | Bright | 35.500 | 98 | 13Zet Oph | 2.5710 | 30000. | 71 | 22586 | No |
| 251 | GOM_NL__2PRFIN20060625_230220_000000352048_00488_22586_9450.N1 | 25-JUN-2006 23:02:20 | Bright | 35.000 | 120 | 1Del Oph | 2.7340 | 3200.0 | 70 | 22586 | No |
| 252 | GOM_NL__2PRFIN20060625_230913_000000342048_00488_22586_9451.N1 | 25-JUN-2006 23:09:13 | Bright | 34.000 | 127 | 27Bet Her | 2.7810 | 4700.0 | 68 | 22586 | No |
| 253 | GOM_NL__2PRFIN20060625_231203_000000372048_00488_22586_9452.N1 | 25-JUN-2006 23:12:03 | Bright | 36.500 | 133 | 40Zet Her | 2.8070 | 6000.0 | 73 | 22586 | No |
| 254 | GOM_NL__2PRFIN20060625_231820_000000352048_00488_22586_9453.N1 | 25-JUN-2006 23:18:20 | Bright | 35.000 | 130 | 23Bet Dra | 2.7990 | 5800.0 | 70 | 22586 | No |
| 255 | GOM_NL__2PRFIN20060625_232028_000000362048_00488_22586_9454.N1 | 25-JUN-2006 23:20:28 | Bright | 36.000 | 119 | 14Eta Dra | 2.7270 | 4700.0 | 72 | 22586 | No |
| 256 | GOM_NL__2PRFIN20060625_232418_000000362048_00488_22586_9455.N1 | 25-JUN-2006 23:24:18 | Bright | 35.500 | 60 | 7Bet UMi | 2.0810 | 3950.0 | 71 | 22586 | No |
| 257 | GOM_NL__2PRFIN20060625_232842_000000322048_00488_22586_9456.N1 | 25-JUN-2006 23:28:42 | Bright | 32.000 | 49 | 1Alp UMi | 1.9900 | 6300.0 | 64 | 22586 | No |
| 258 | GOM_NL__2PRFIN20060625_233902_000000382048_00488_22586_9457.N1 | 25-JUN-2006 23:39:02 | Bright | 38.000 | 160 | 23Gam Per | 2.9300 | 4700.0 | 76 | 22586 | No |
| 259 | GOM_NL__2PRFIN20060625_234247_000000372048_00488_22586_9458.N1 | 25-JUN-2006 23:42:47 | Bright | 36.500 | 79 | 26Bet Per | 2.3100 | 13100. | 73 | 22586 | No |
| 260 | GOM_NL__2PRFIN20060625_235346_000000372048_00488_22586_9459.N1 | 25-JUN-2006 23:53:46 | Dark | 37.000 | 94 | 92Alp Cet | 2.5260 | 3100.0 | 74 | 22586 | No |

3. Quality information per product

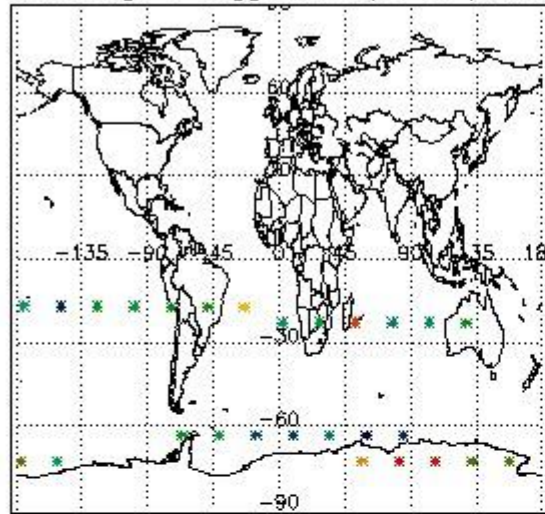
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products. Only products in dark limb conditions and without errors (error flag in the MPH set to "0") are used.

3.1 Plot quality information per product (time dependant)

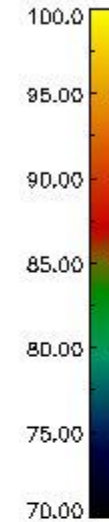
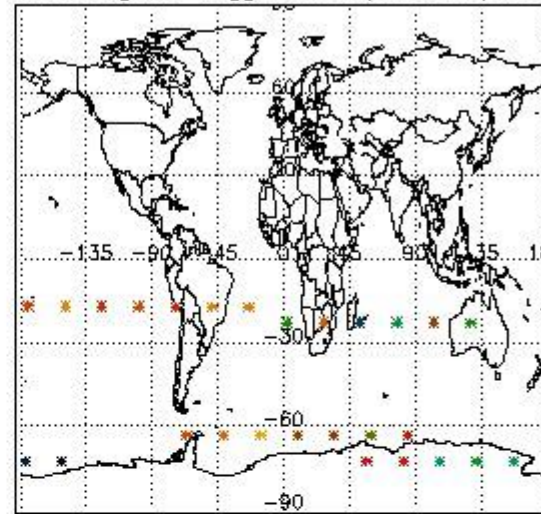


3.2 Plot quality information per product (world map)

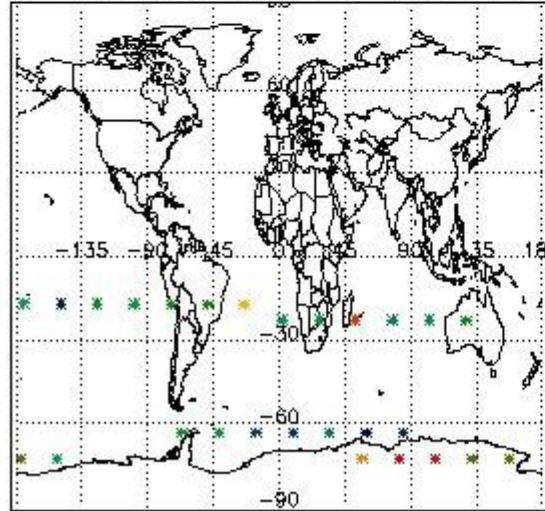
Percentage of flagged data per O3 profile



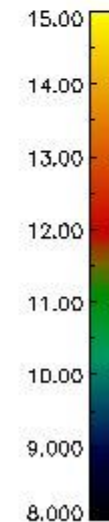
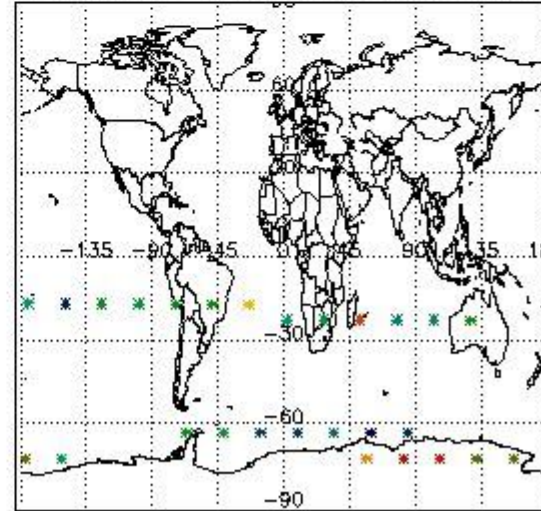
Percentage of flagged data per H2O profile



Percentage of flagged data per NO2 profile



Percentage of flagged data per NO3 profile

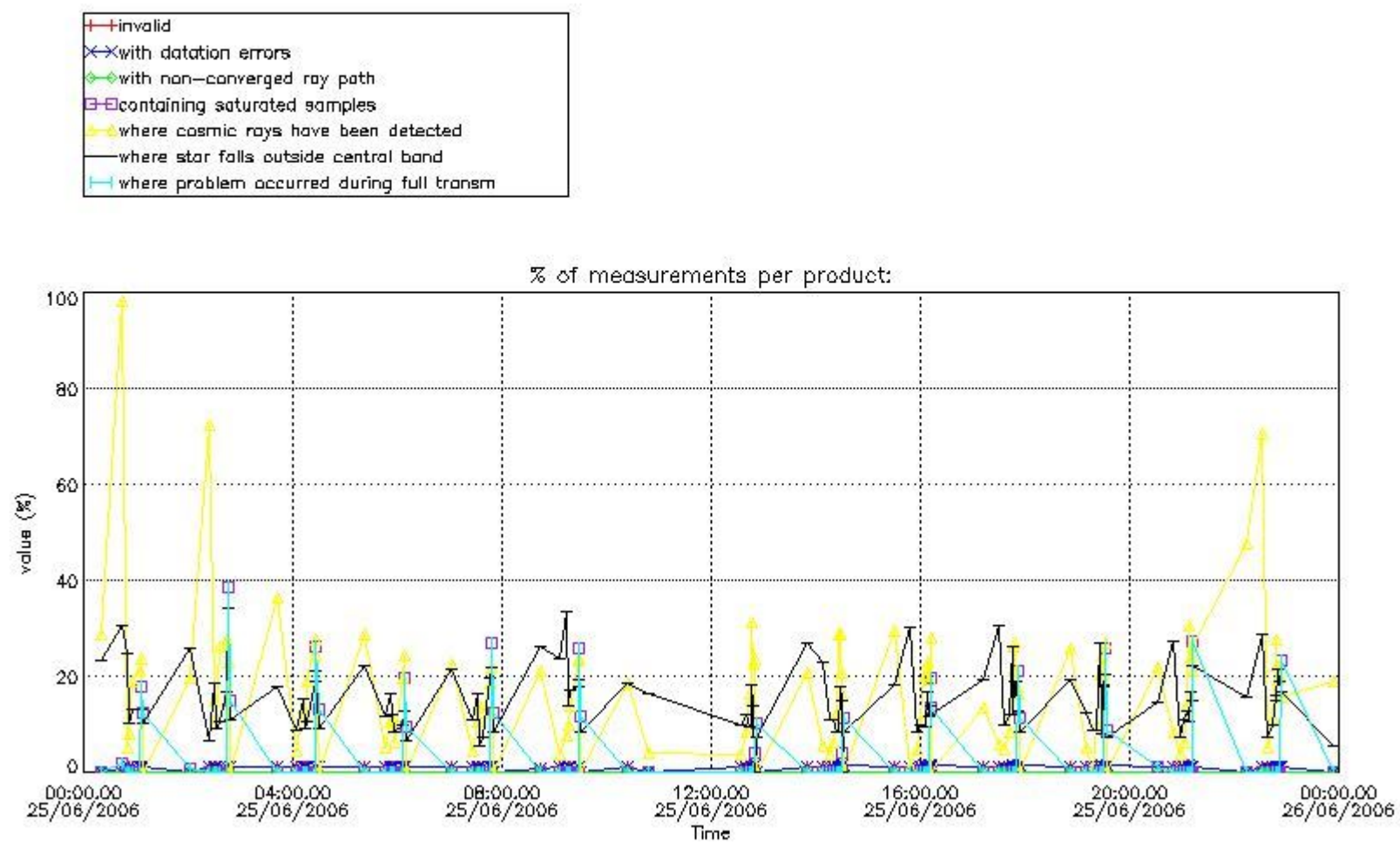


4. Level 1 quality information per product

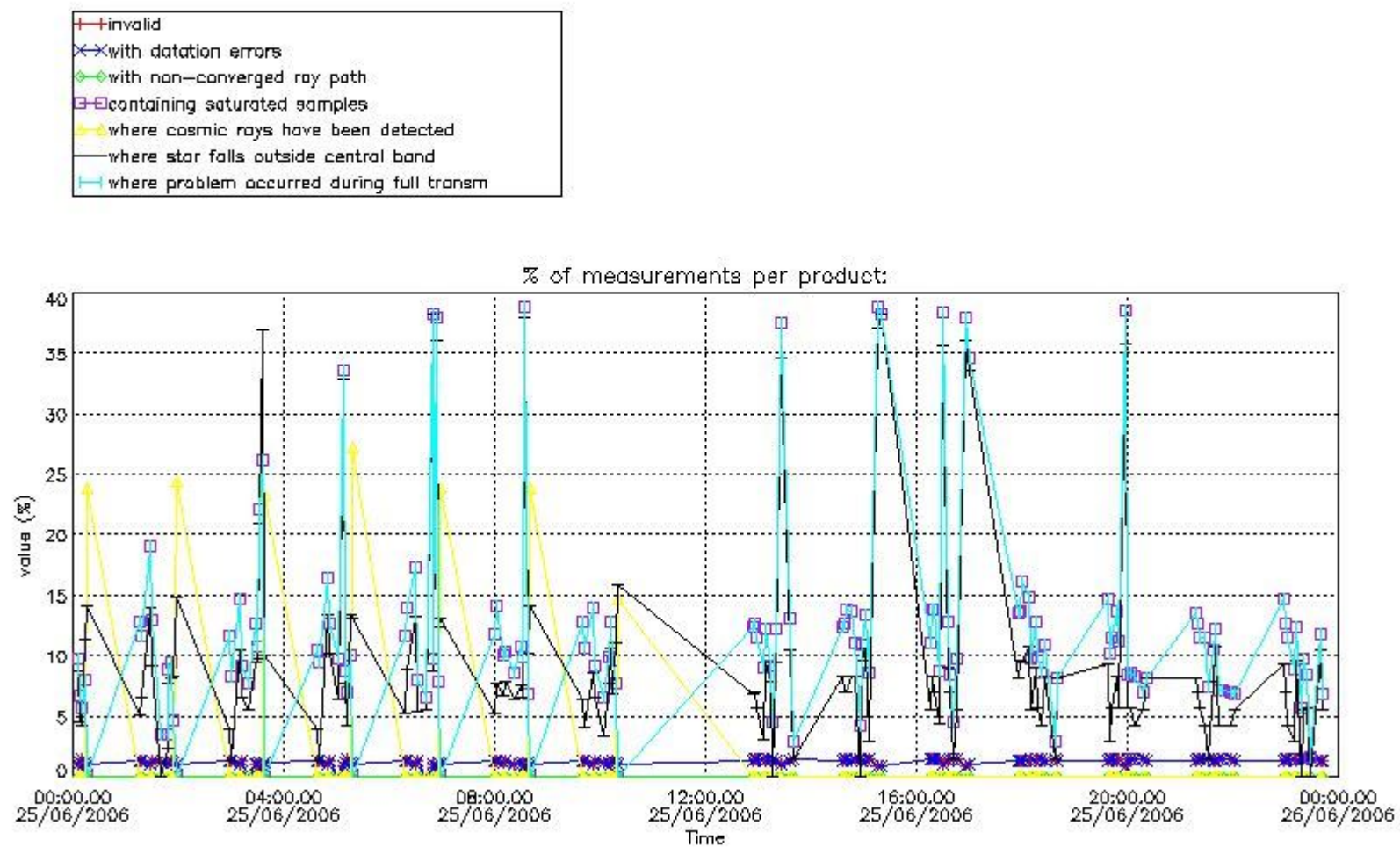
In this section it is plotted some information contained in the Quality Summary data set of the level 2 products that comes from the level 1b processing. Products without errors (error flag in the MPH set to "0") are used.

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

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



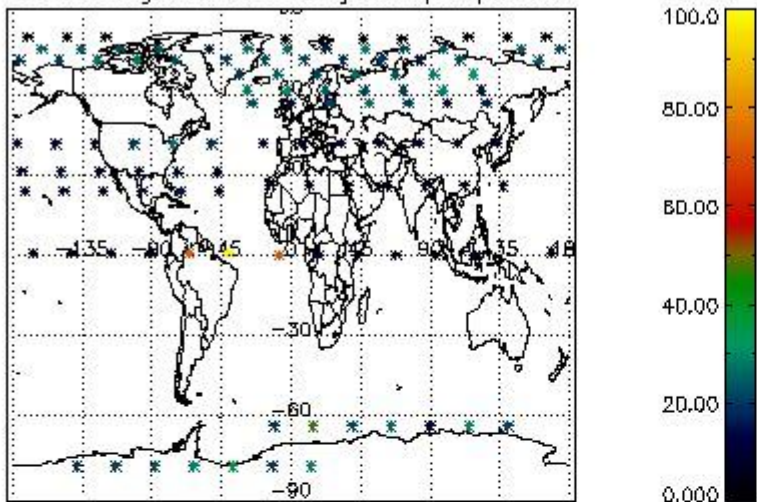
4.1.2 Plot level 1 quality information per product (time dependant): ENVI SAT DESCENDING passes



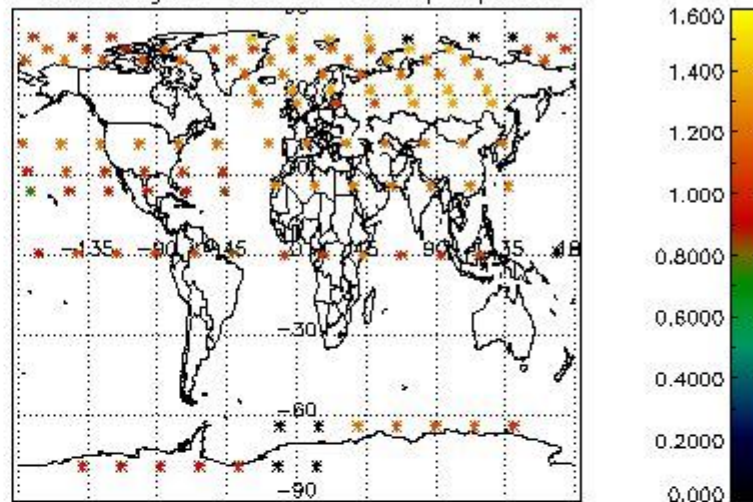
4.2 Plot quality information per product coming from level 1b processing (world map)

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

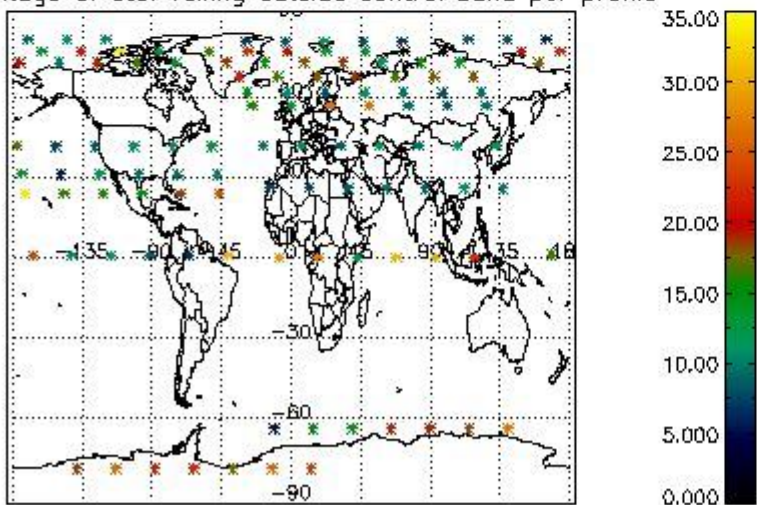
Percentage of cosmic ray hits per profile



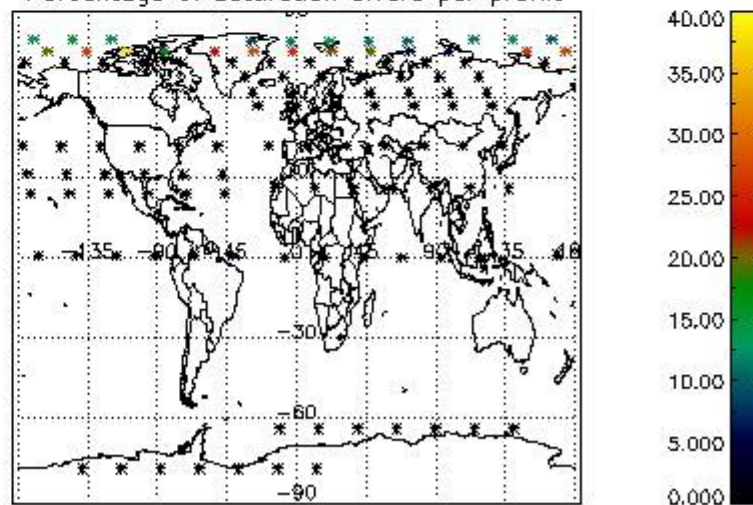
Percentage of datation errors per profile



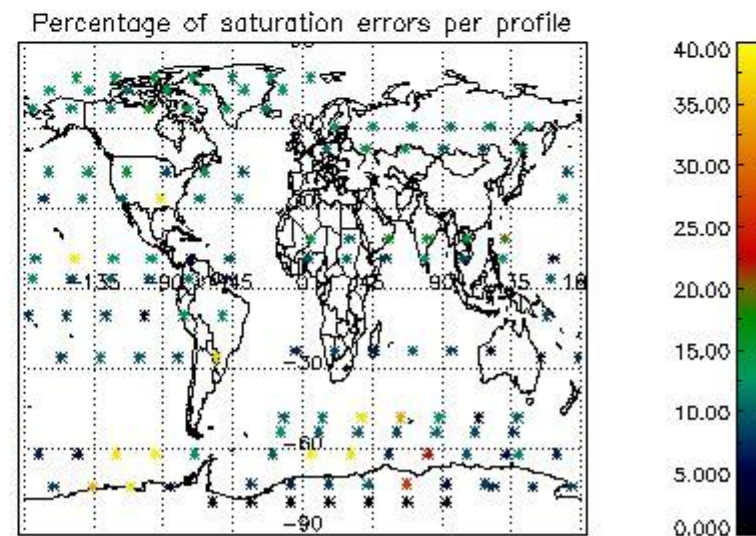
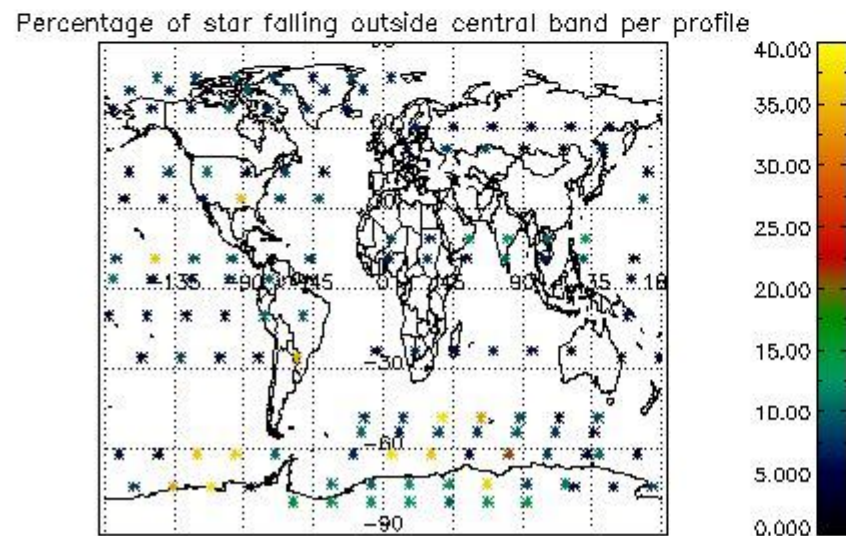
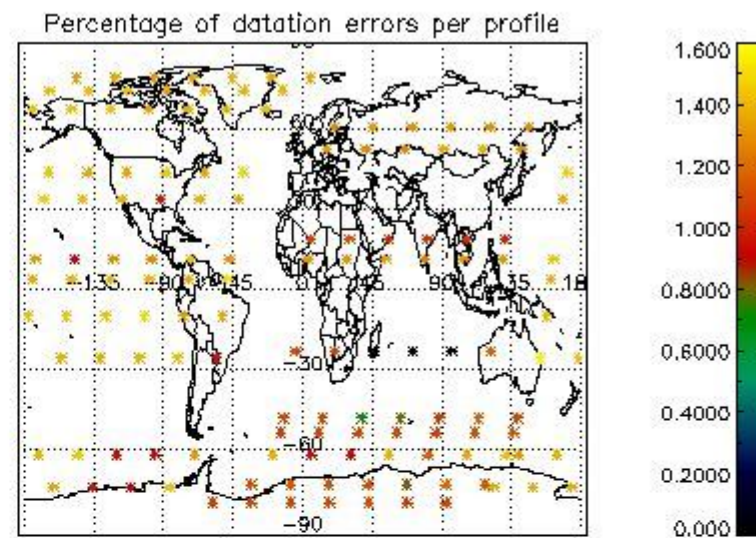
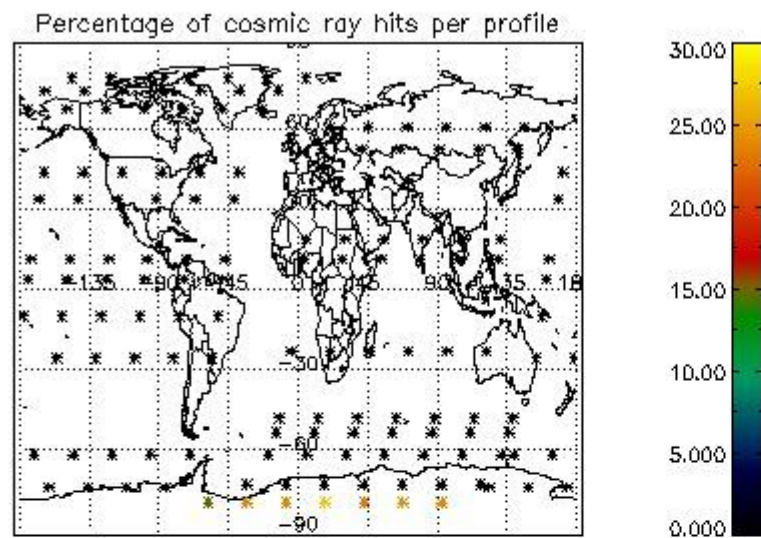
Percentage of star falling outside central band per profile



Percentage of saturation errors per profile



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



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

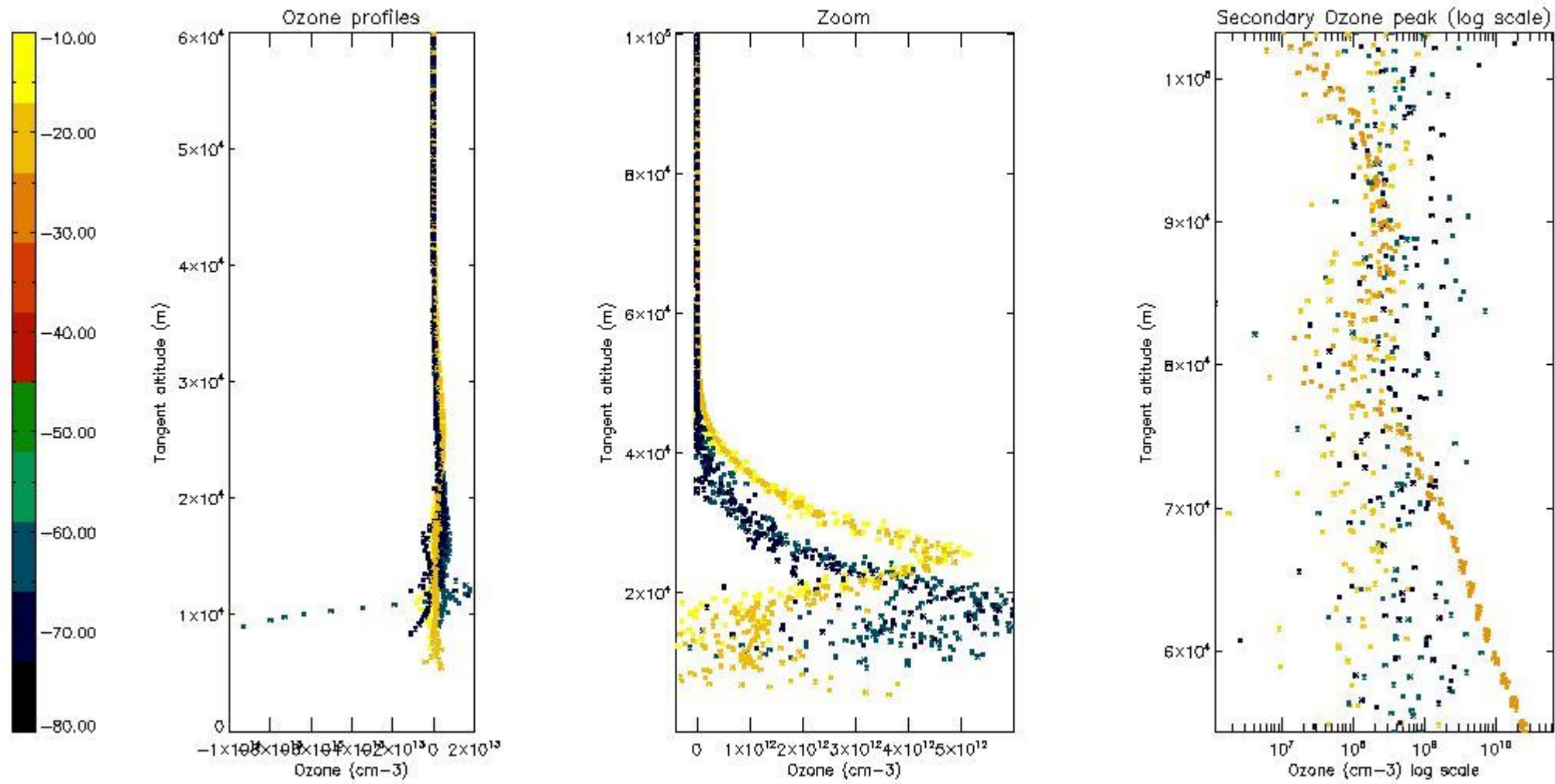
So, the table below shows the percentage of dark limb and valid observations for each criteria with respect to the overall valid daily observations.

| Criteria | % of total production |
|----------|-----------------------|
| All STD | 12 |
| STD < 20 | 4 |

| | |
|----------|---|
| STD < 10 | 3 |
| STD < 5 | 1 |

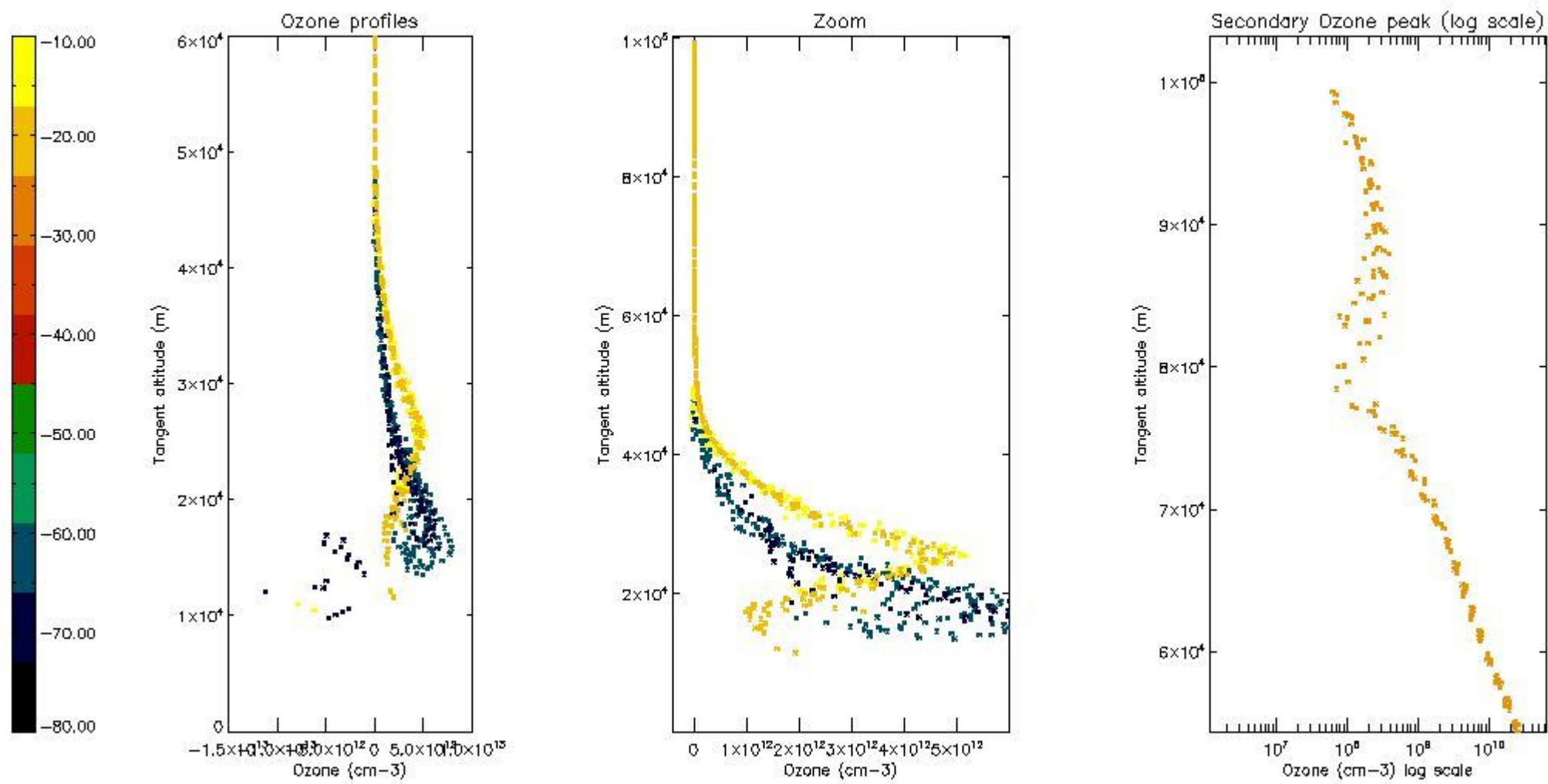
5.2 Plot ozone profiles for all STD (dark without errors)

The colorbar represents the latitude.



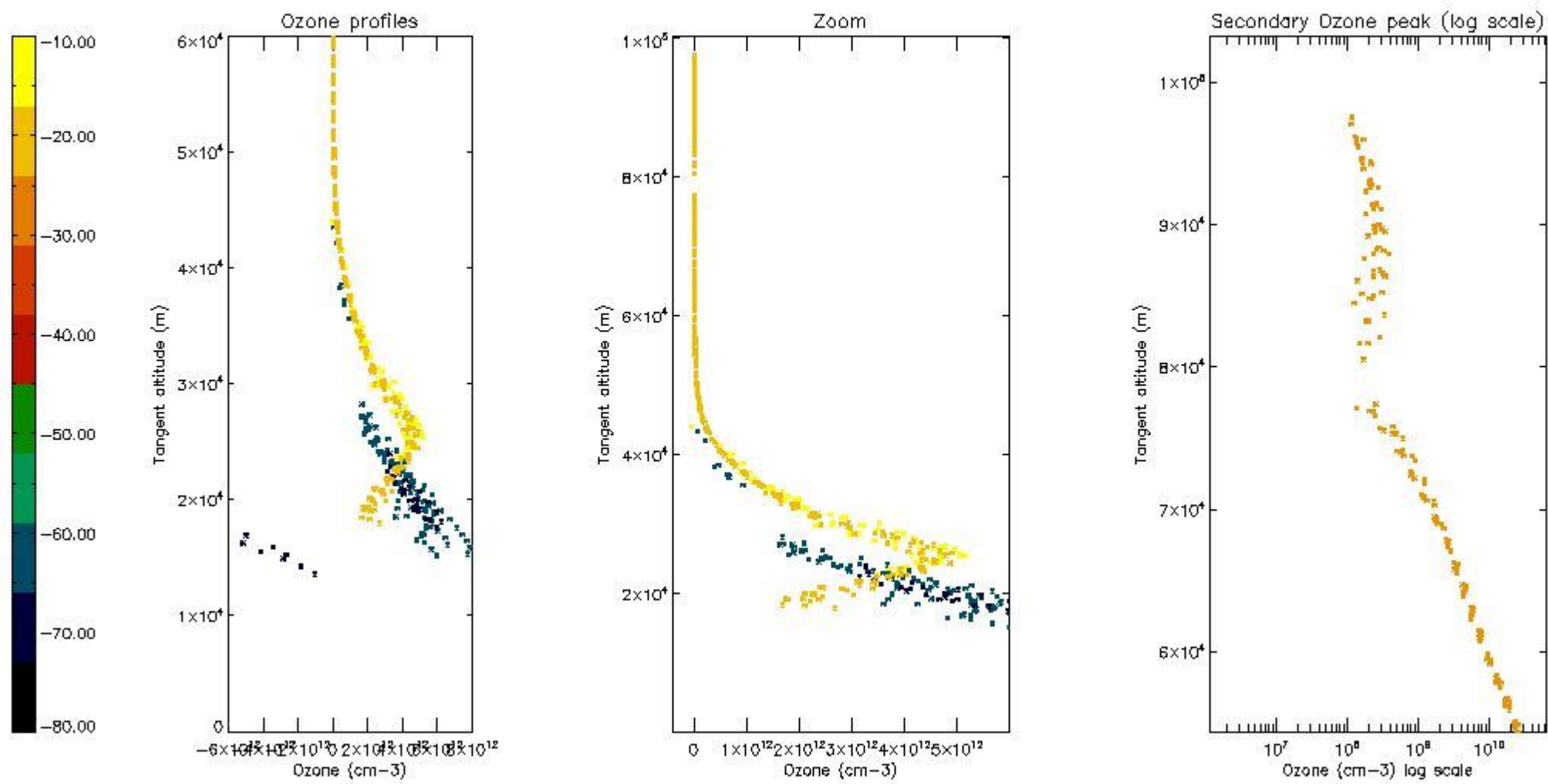
5.3 Plot ozone profiles where STD < 20% (dark without errors)

The colorbar represents the latitude.



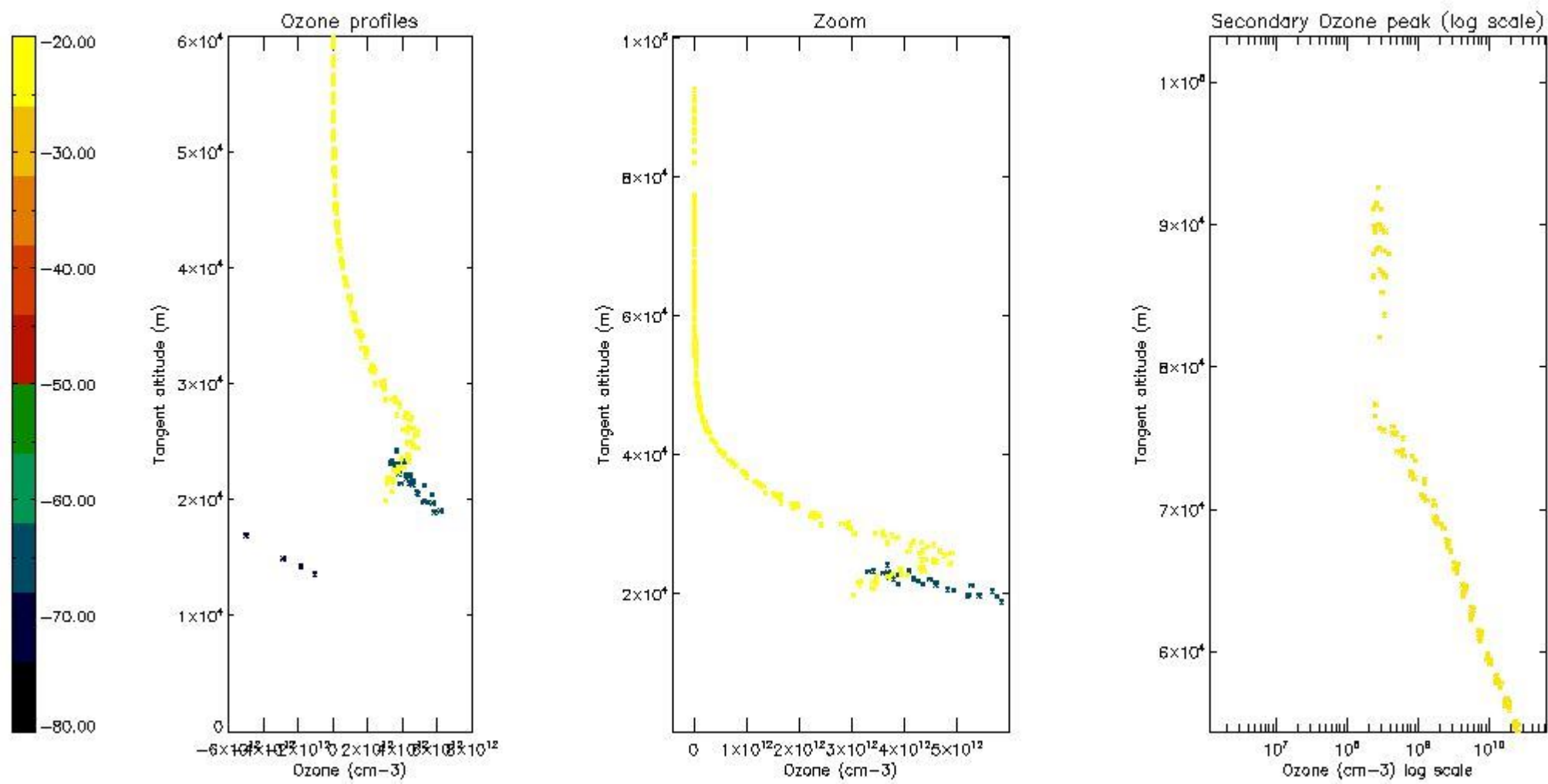
5.4 Plot ozone profiles where STD < 10% (dark without errors)

The colorbar represents the latitude.



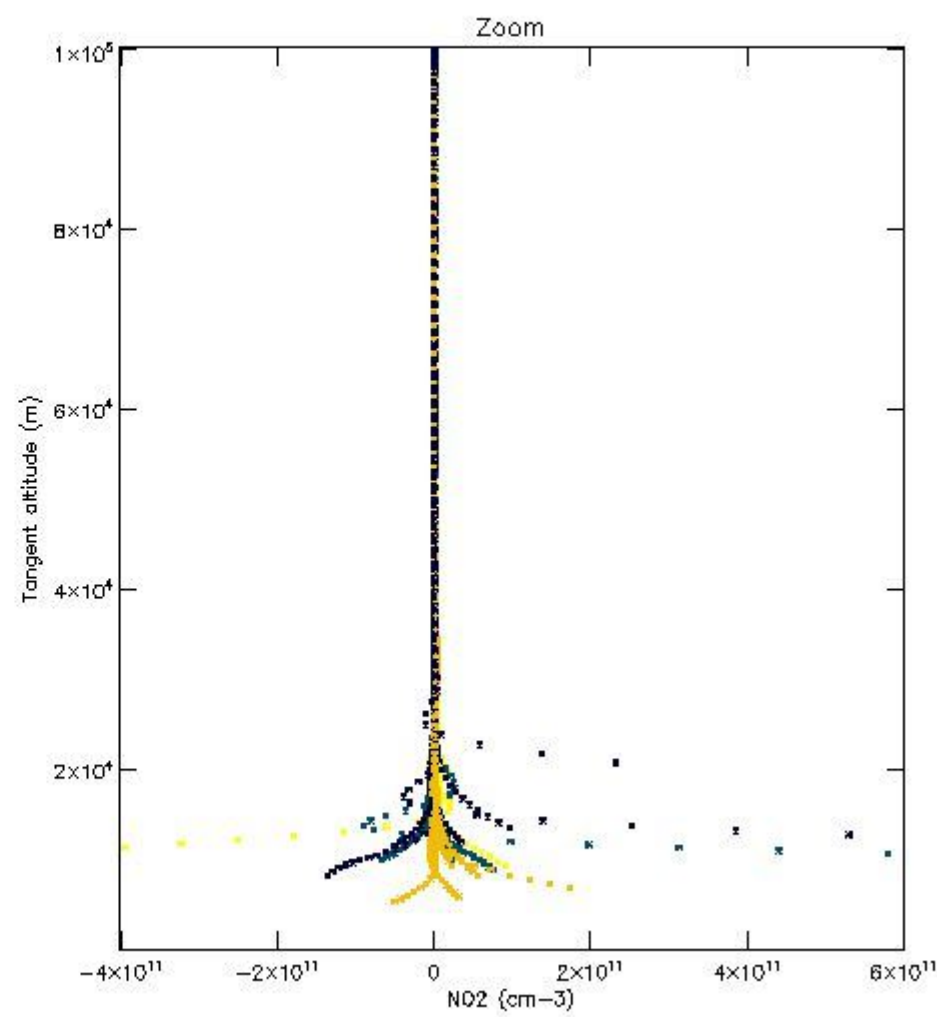
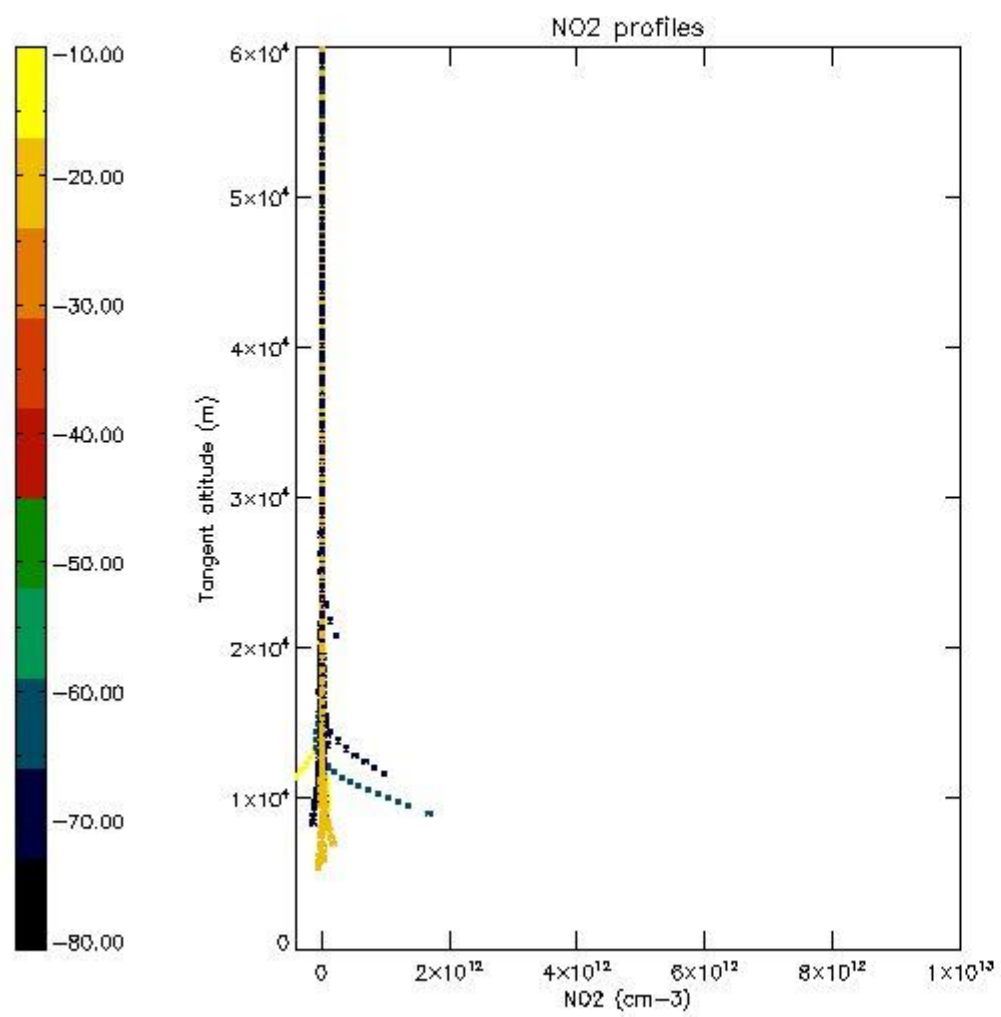
5.5 Plot ozone profiles where STD < 5% (dark without errors)

The colorbar represents the latitude.



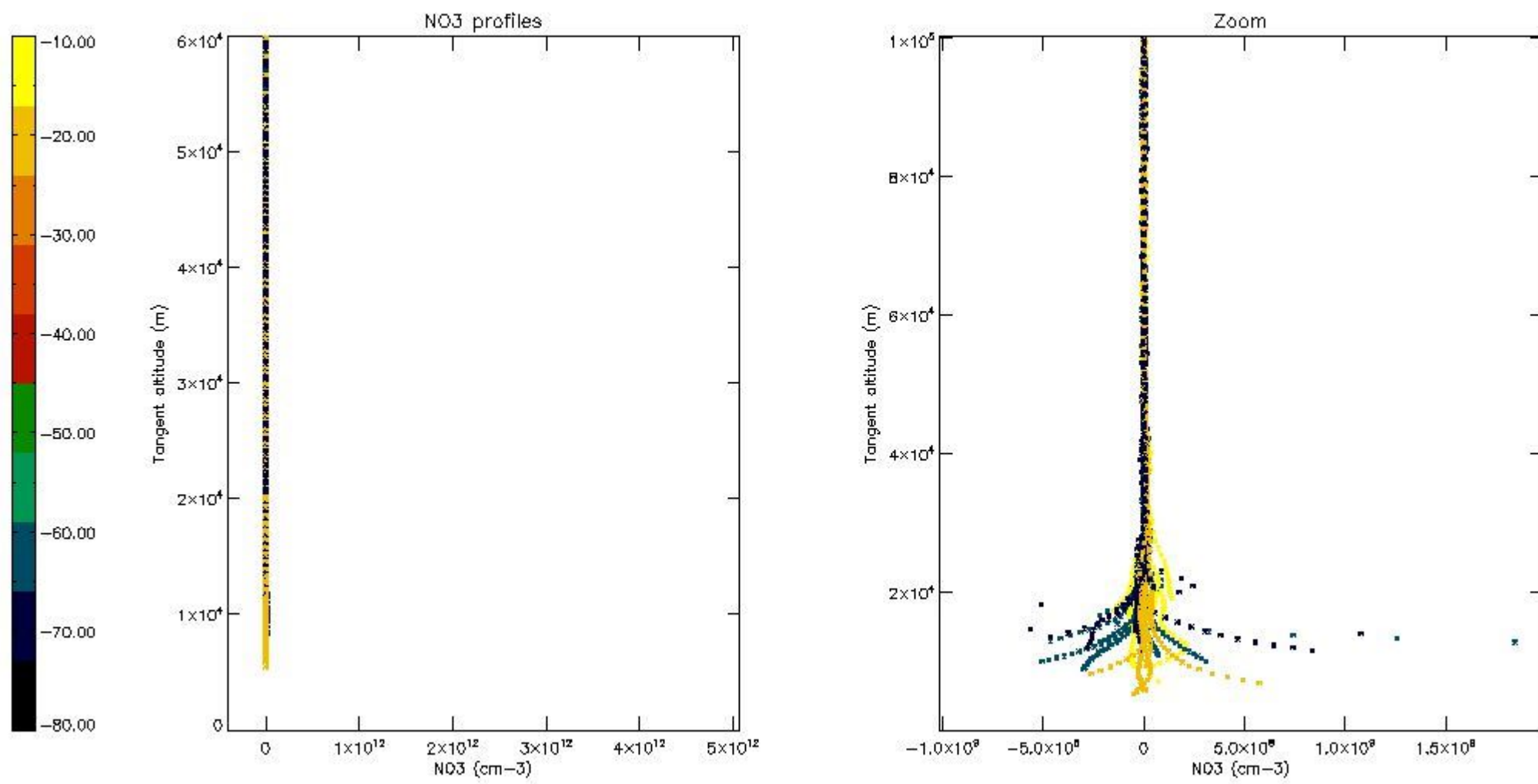
5.6 Plot NO₂ profiles for all STD (dark without errors)

The colorbar represents the latitude.



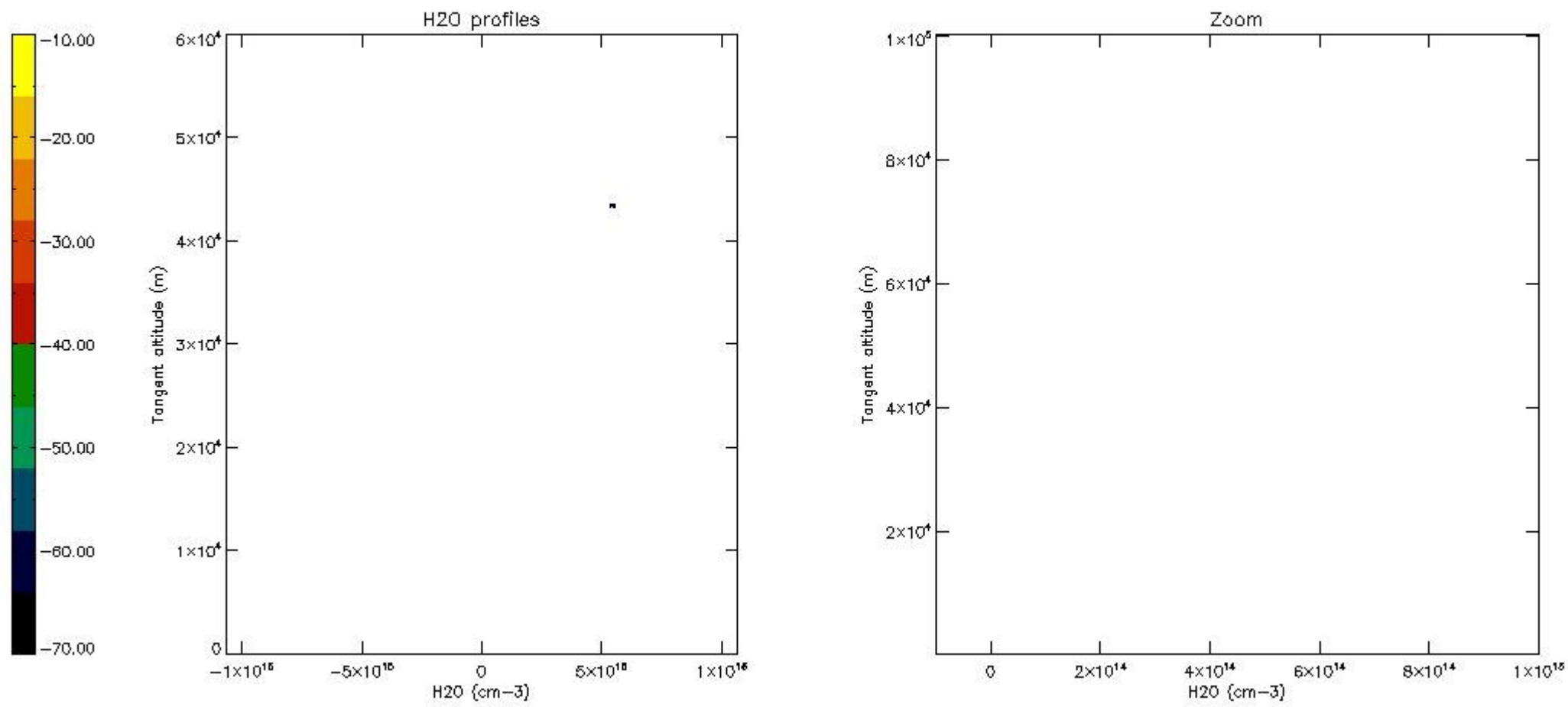
5.7 Plot NO3 profiles for all STD (dark without errors)

The colorbar represents the latitude.



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

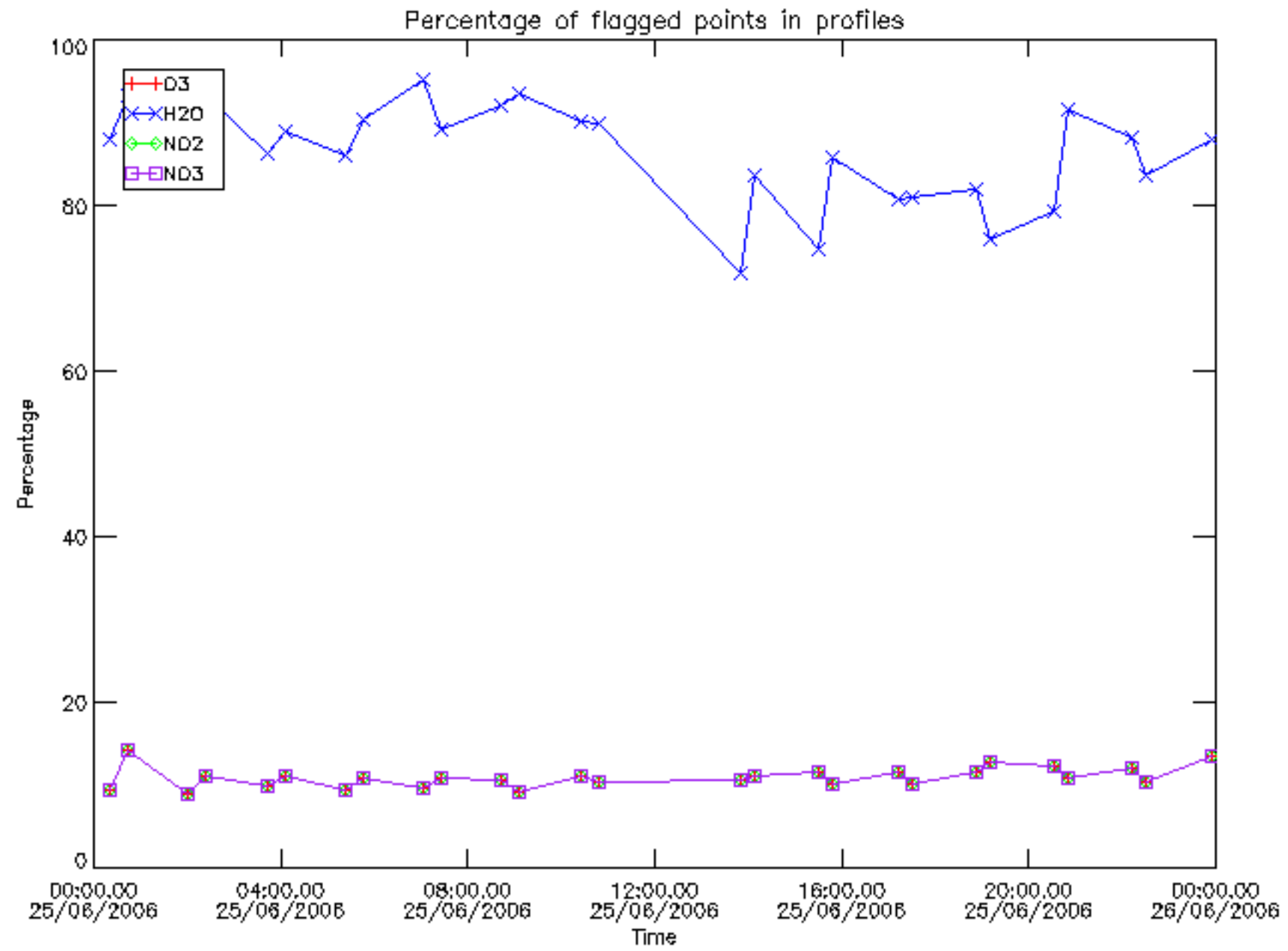
The colorbar represents the latitude.



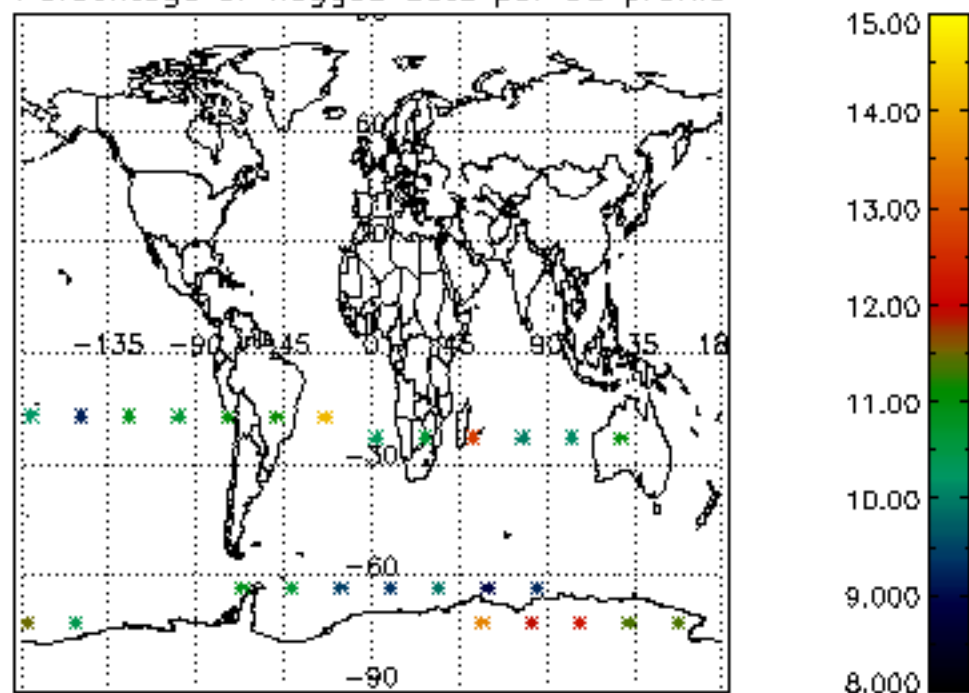
6. Auxiliary Data Files used for the production reported in section 2

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

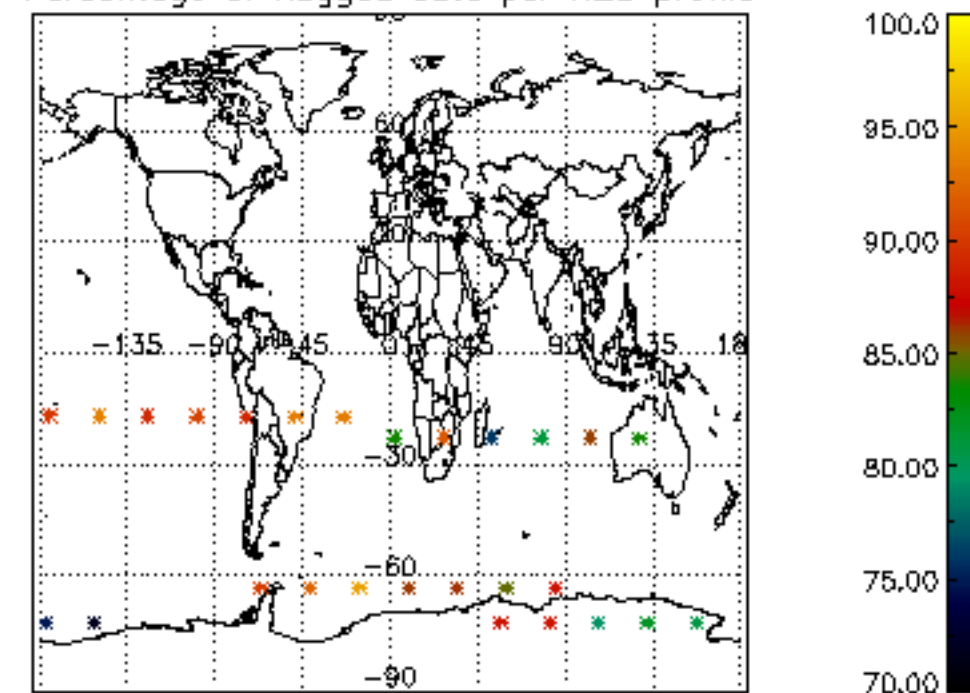
| Type | Auxiliary Filename | Used since product | Used since product date |
|---------------------------|---|--------------------|-------------------------|
| INST_PHYS_CHARACTERISTICS | GOM_INS_AXVIEC20091111_143220_20030716_120000_20500101_000000 | 1 | 25-JUN-2006 00:06:42 |
| LEVEL-2_PROC_CONFIG | GOM_PR2_AXVIEC20091111_152718_20020301_000000_20500101_000000 | 1 | 25-JUN-2006 00:06:42 |
| CROSS_SECTIONS_FILE | GOM_CRS_AXVIEC20091111_154832_20020301_000000_20500101_000000 | 1 | 25-JUN-2006 00:06:42 |



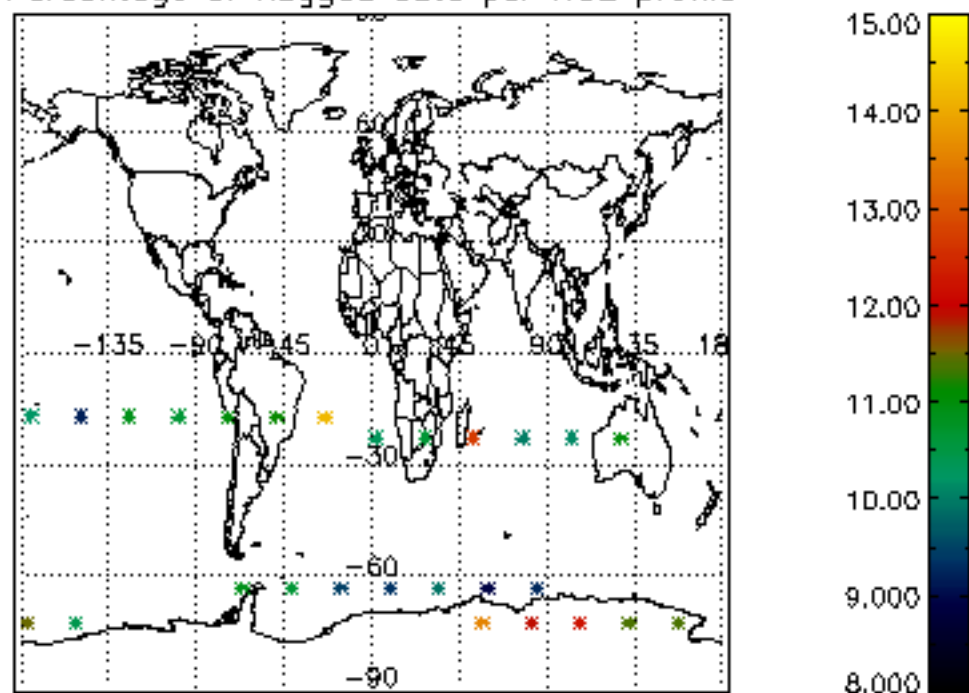
Percentage of flagged data per D3 profile



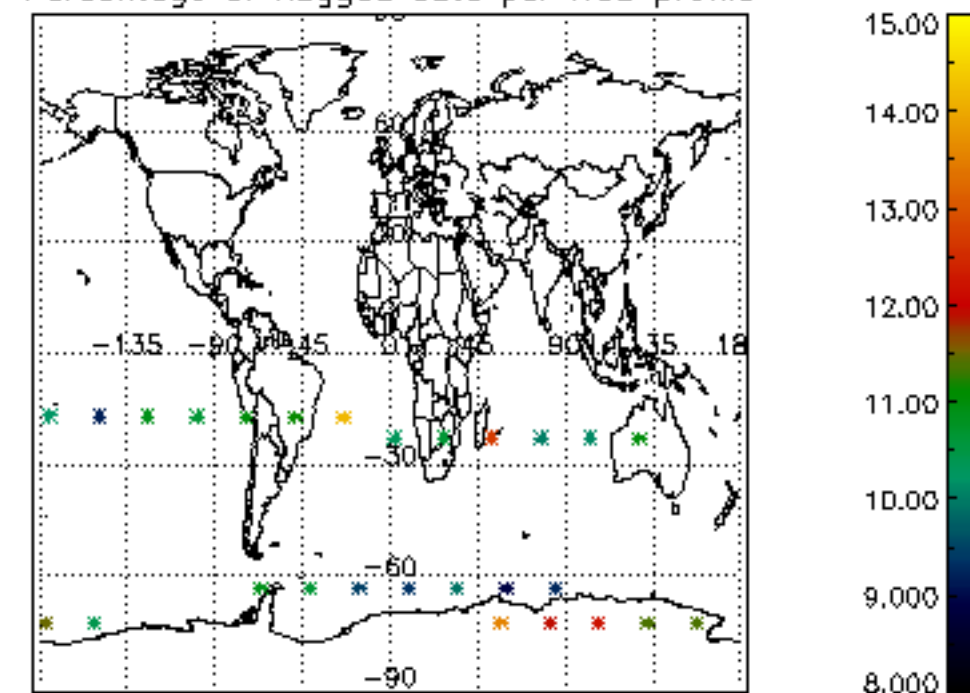
Percentage of flagged data per H2O profile

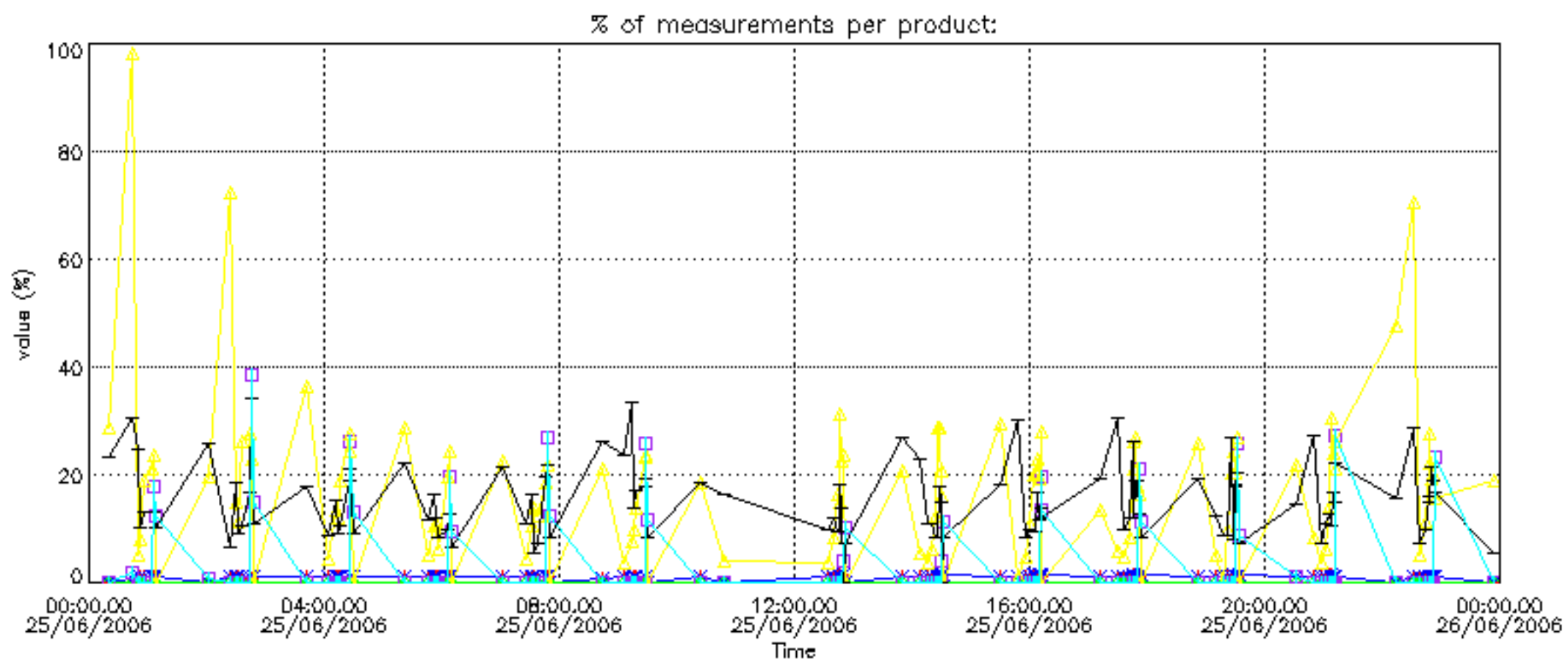


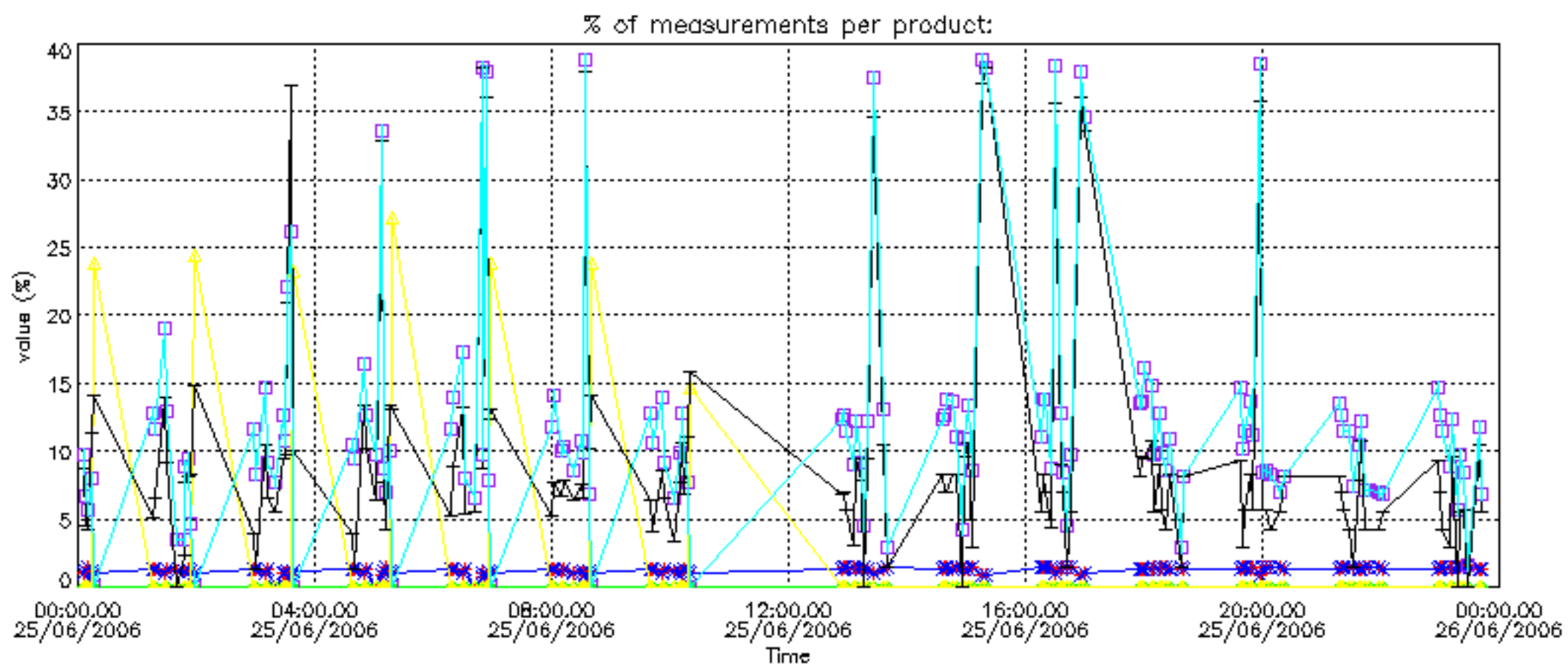
Percentage of flagged data per NO2 profile



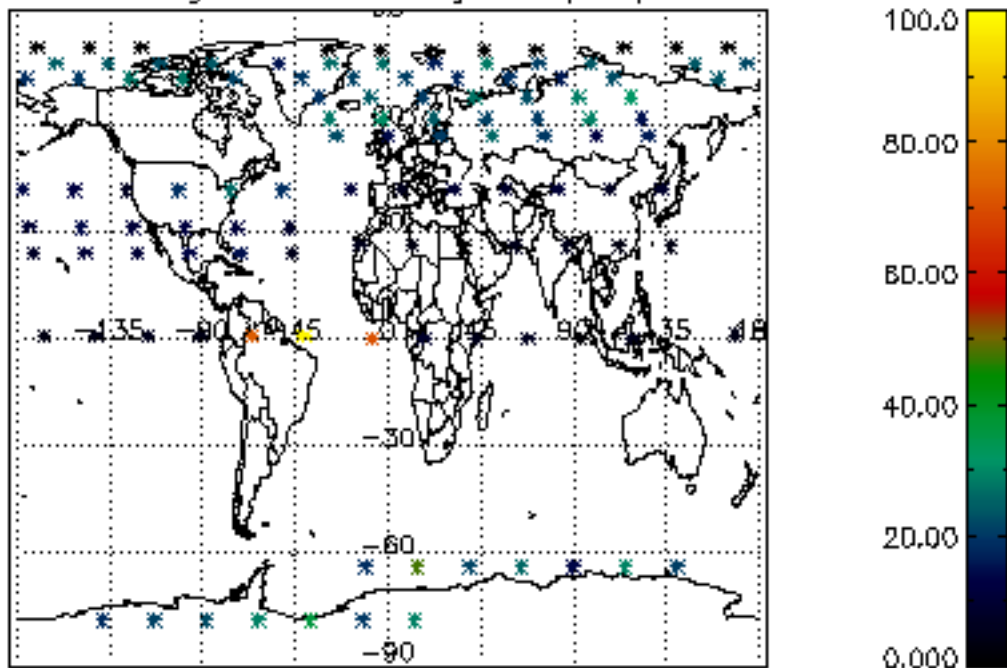
Percentage of flagged data per NO3 profile



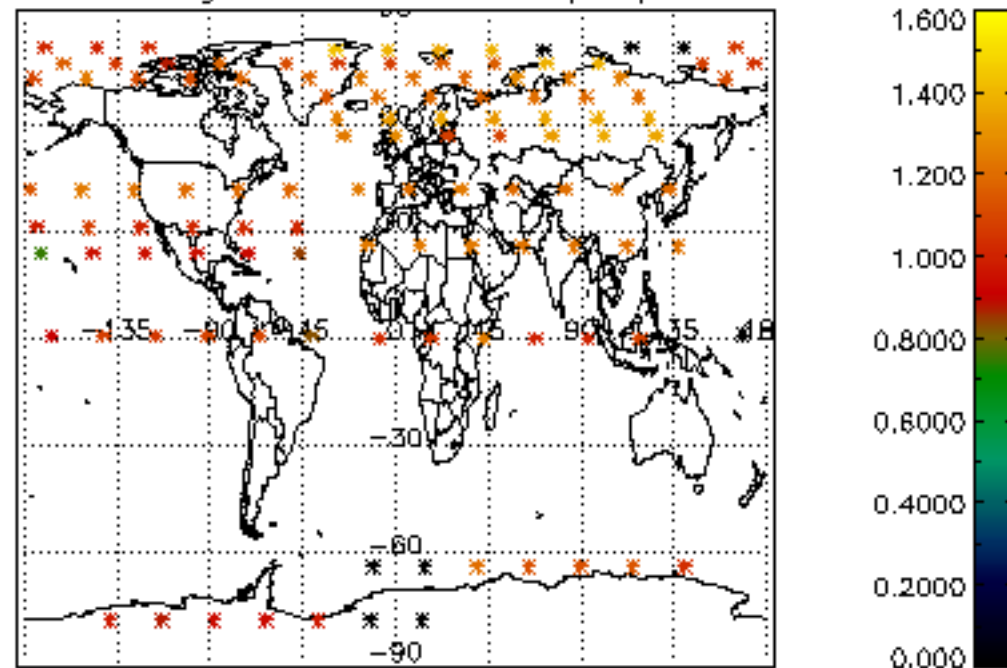




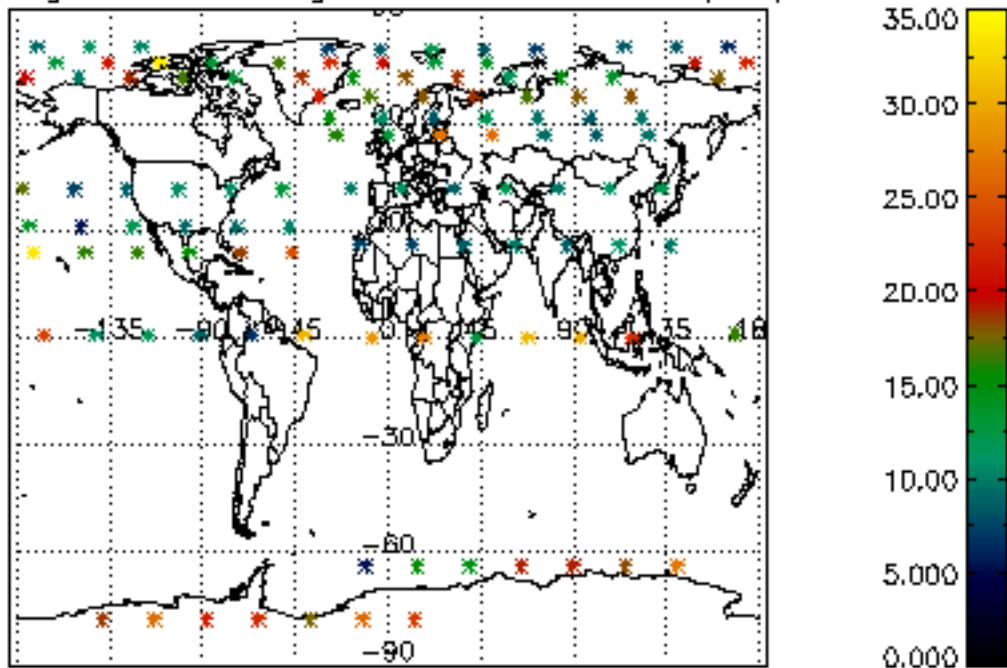
Percentage of cosmic ray hits per profile



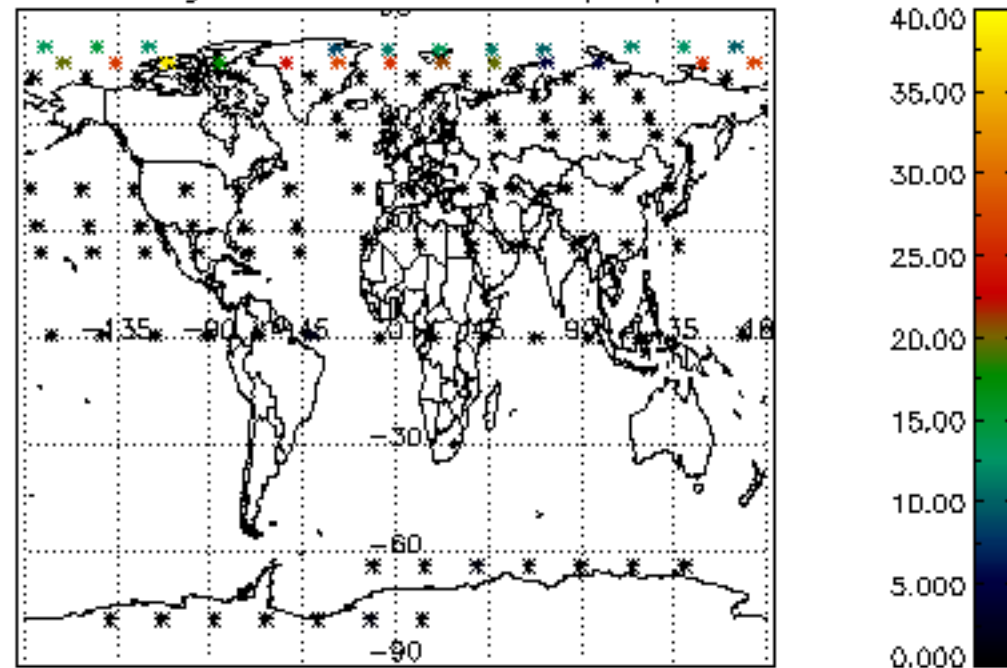
Percentage of datation errors per profile



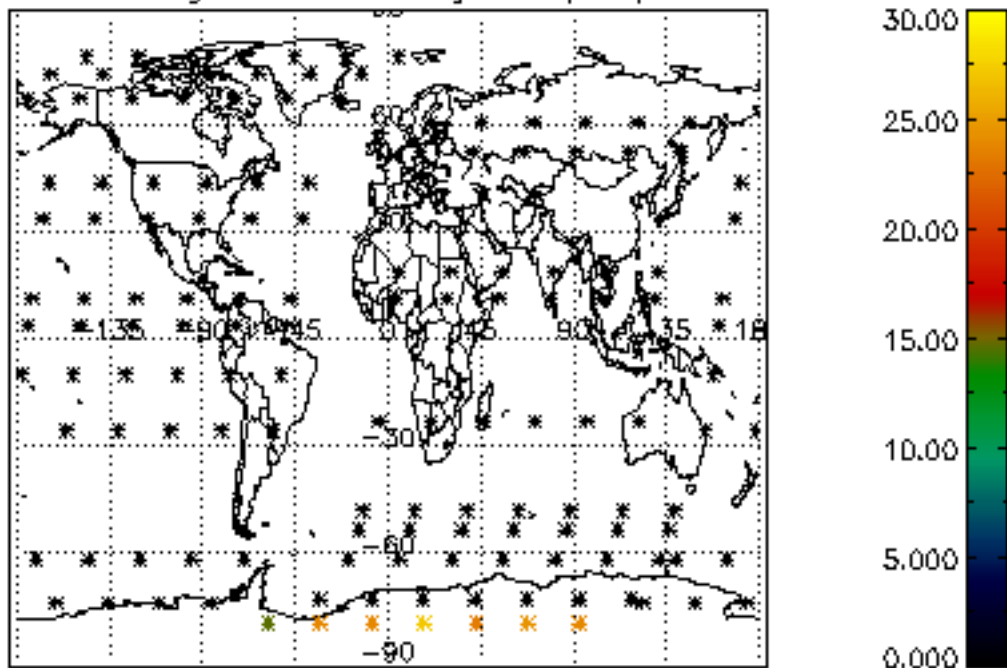
Percentage of star falling outside central band per profile



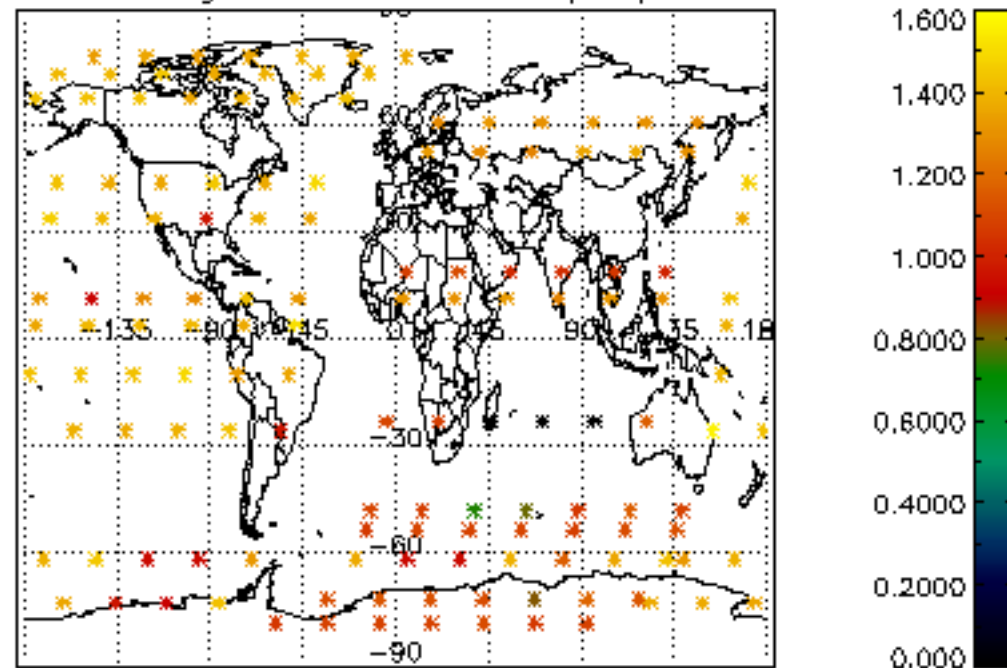
Percentage of saturation errors per profile



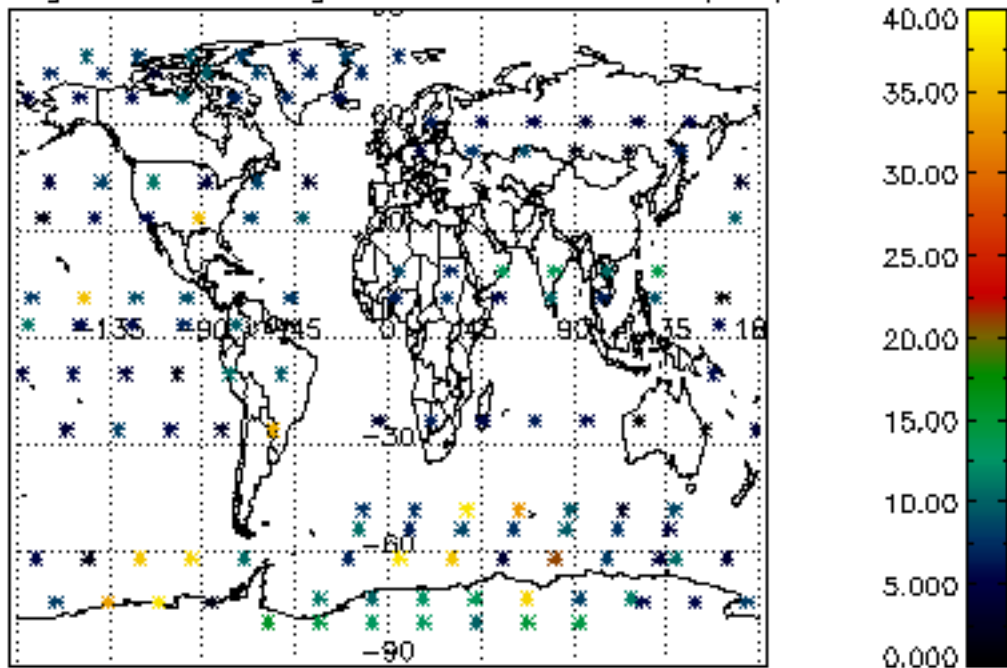
Percentage of cosmic ray hits per profile



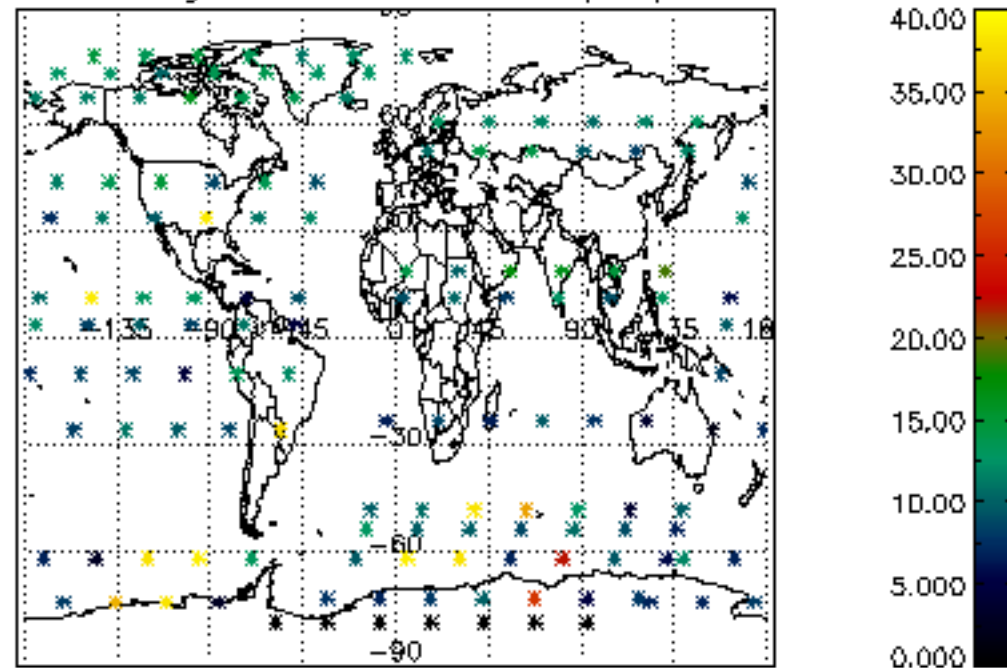
Percentage of datation errors per profile

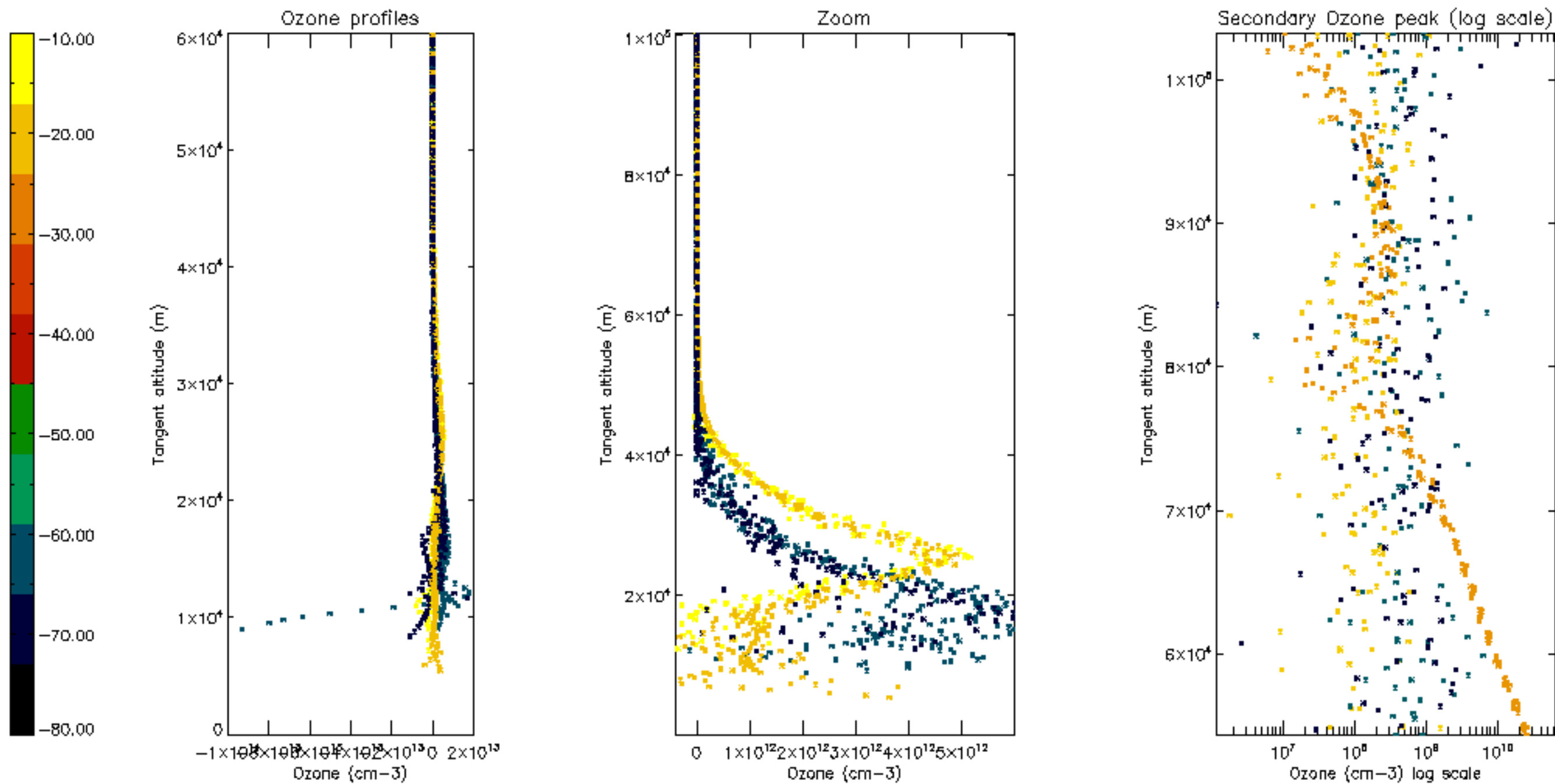


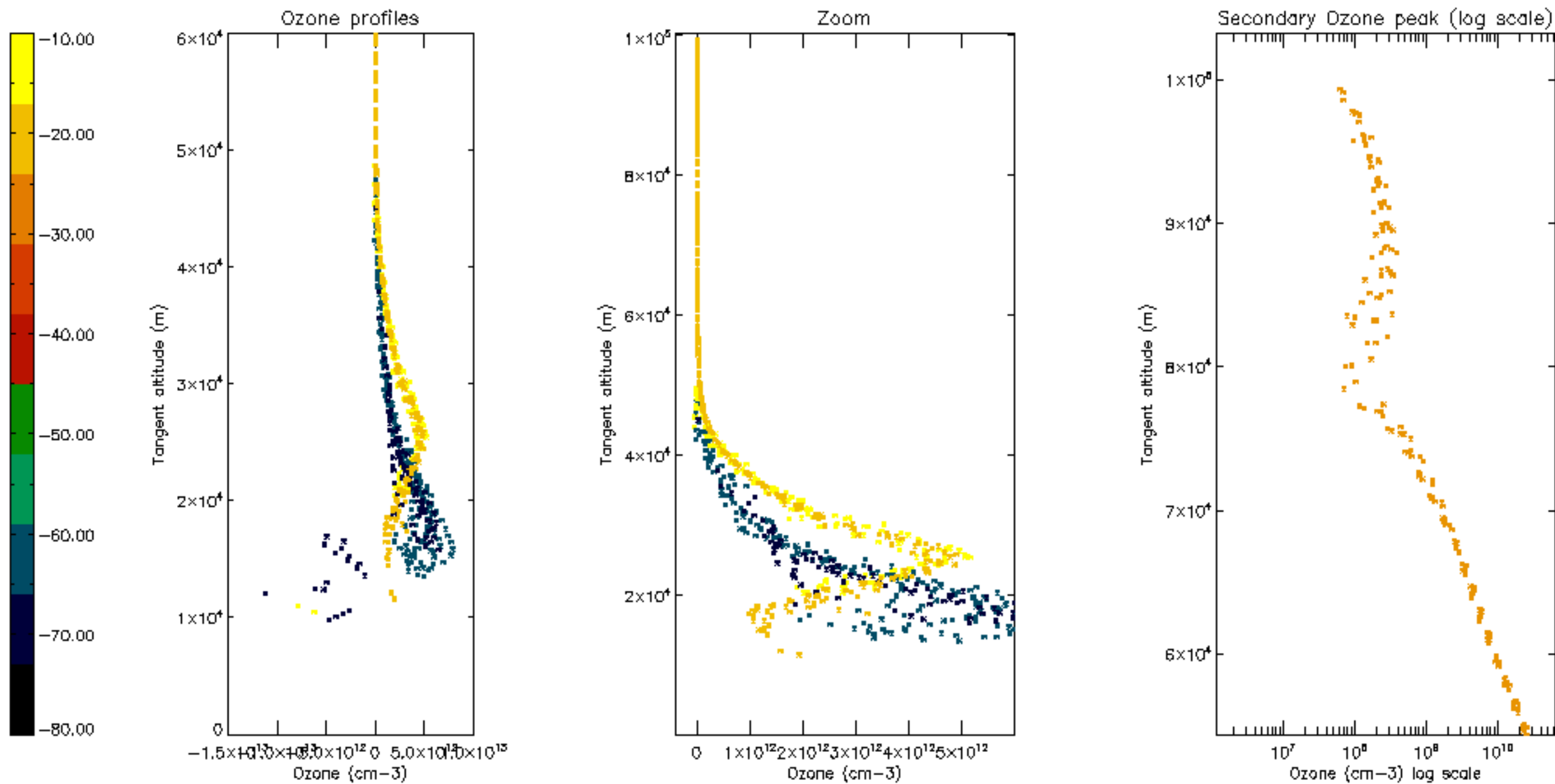
Percentage of star falling outside central band per profile

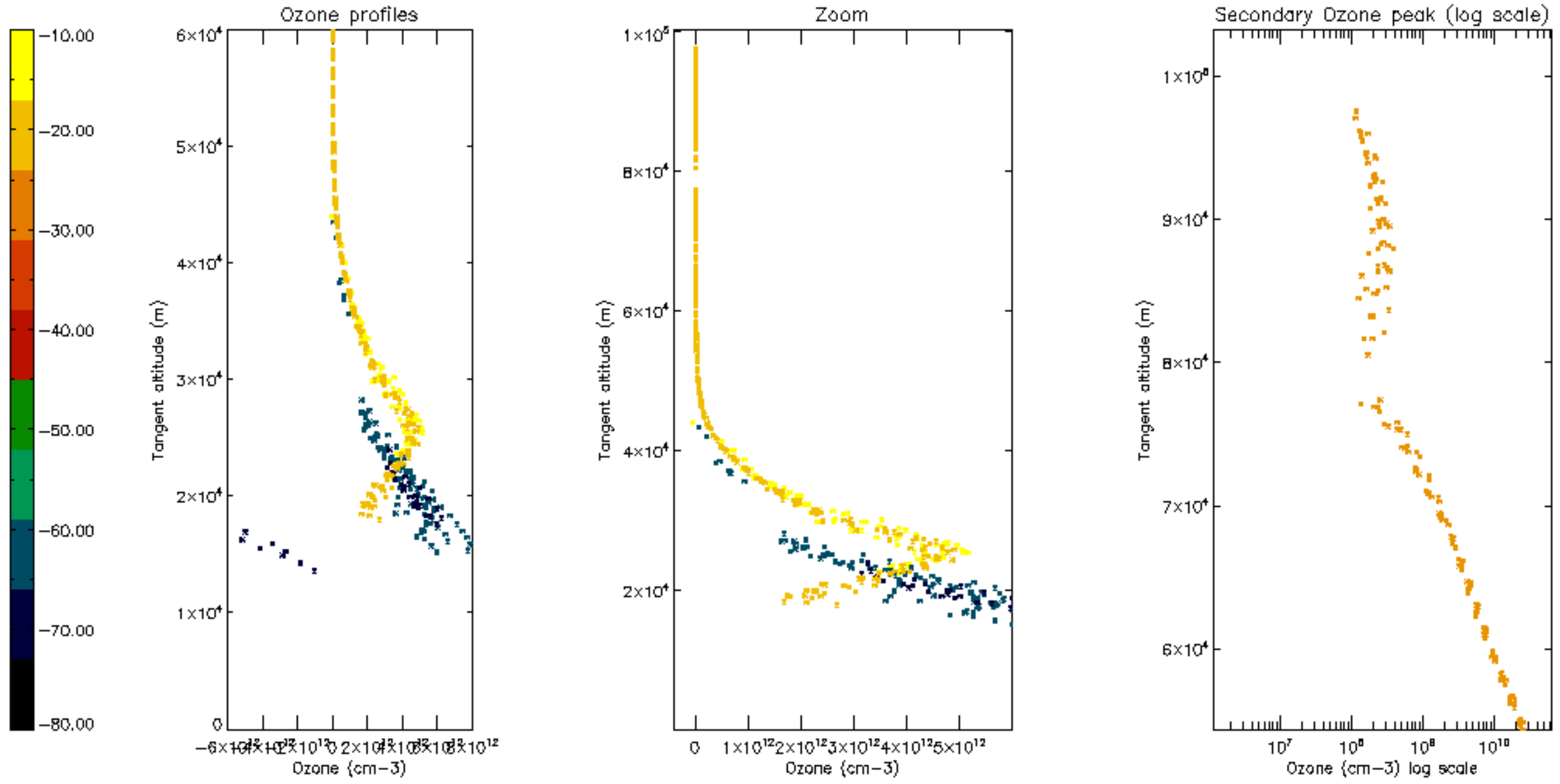


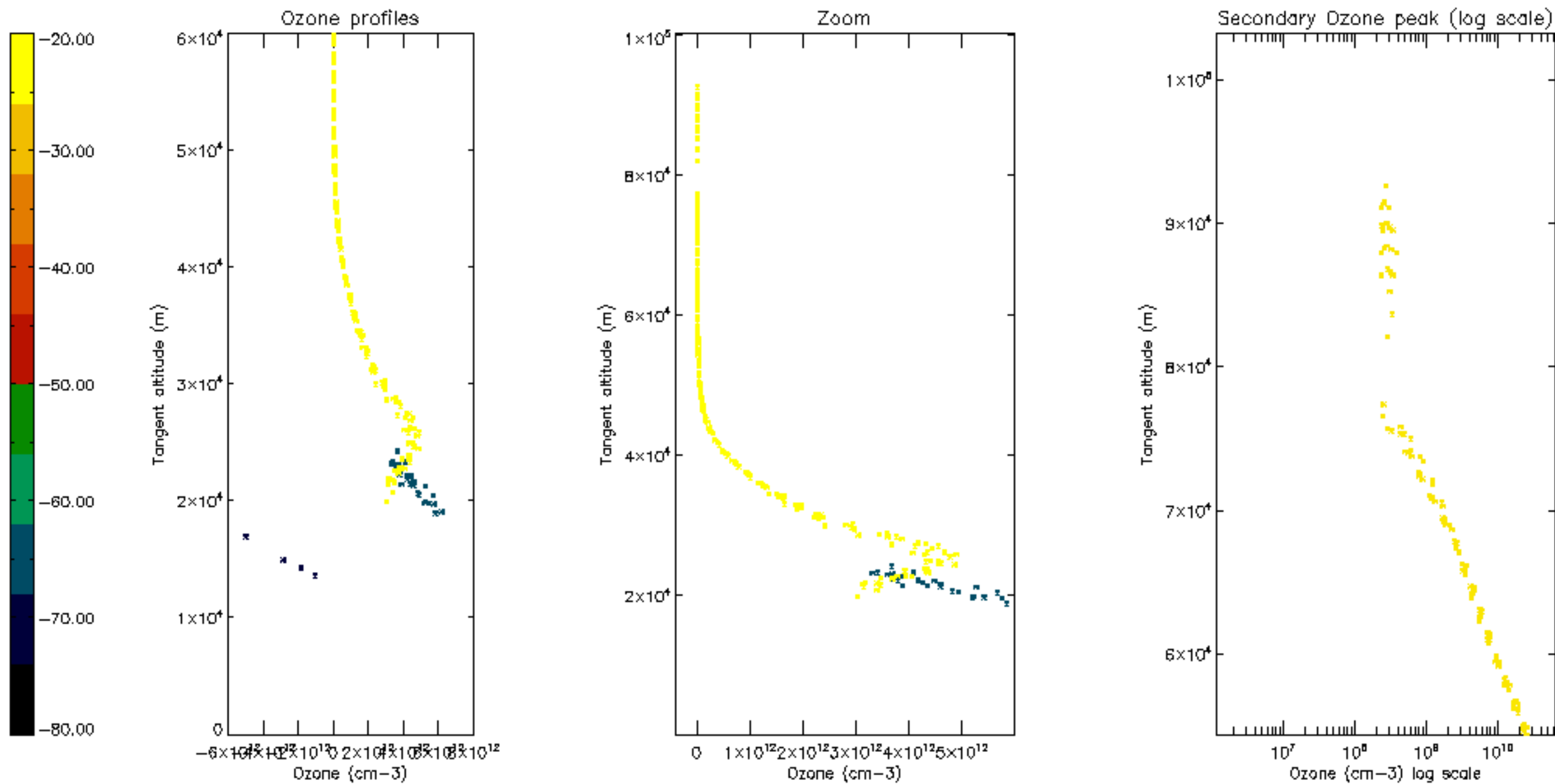
Percentage of saturation errors per profile

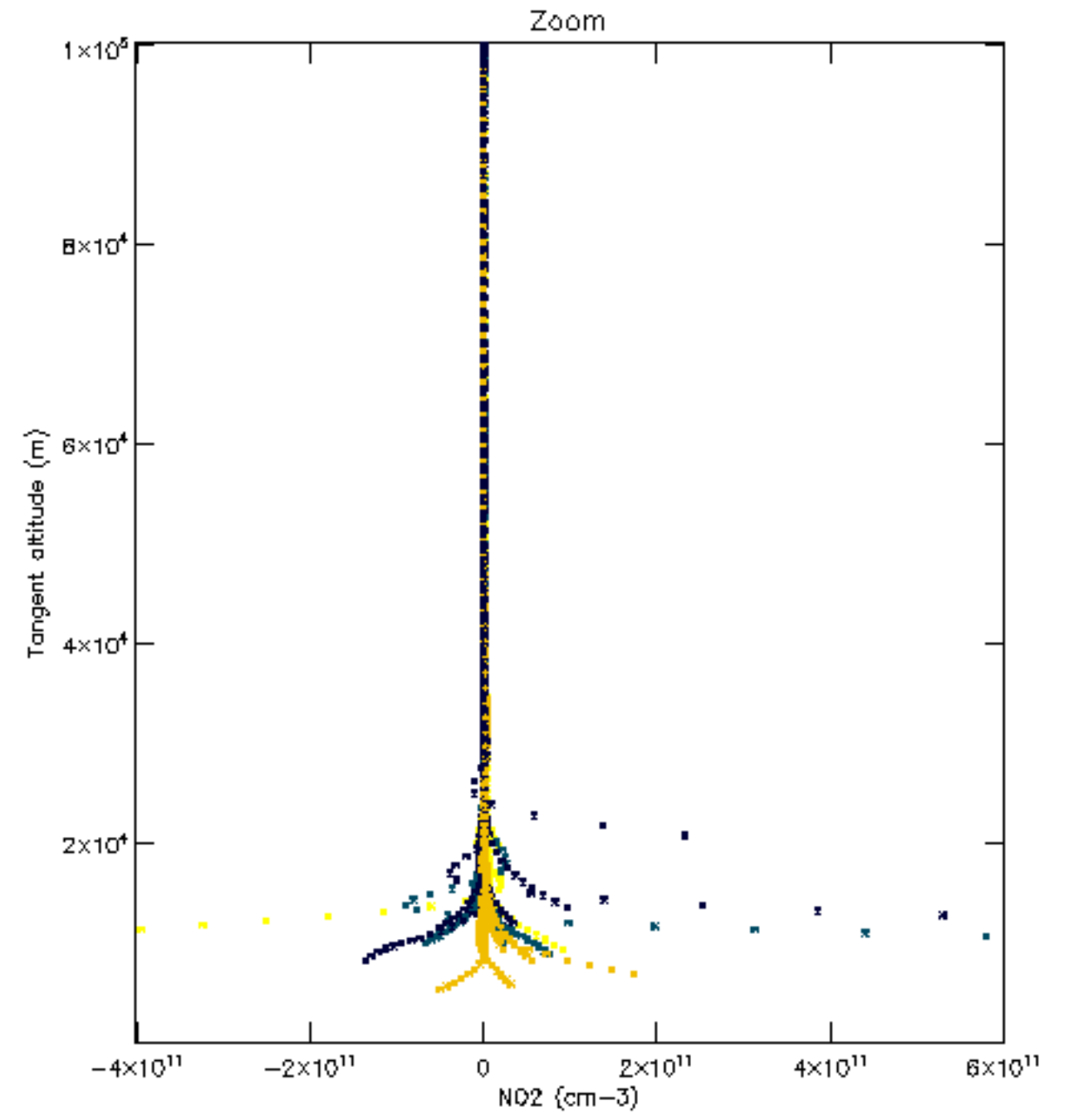
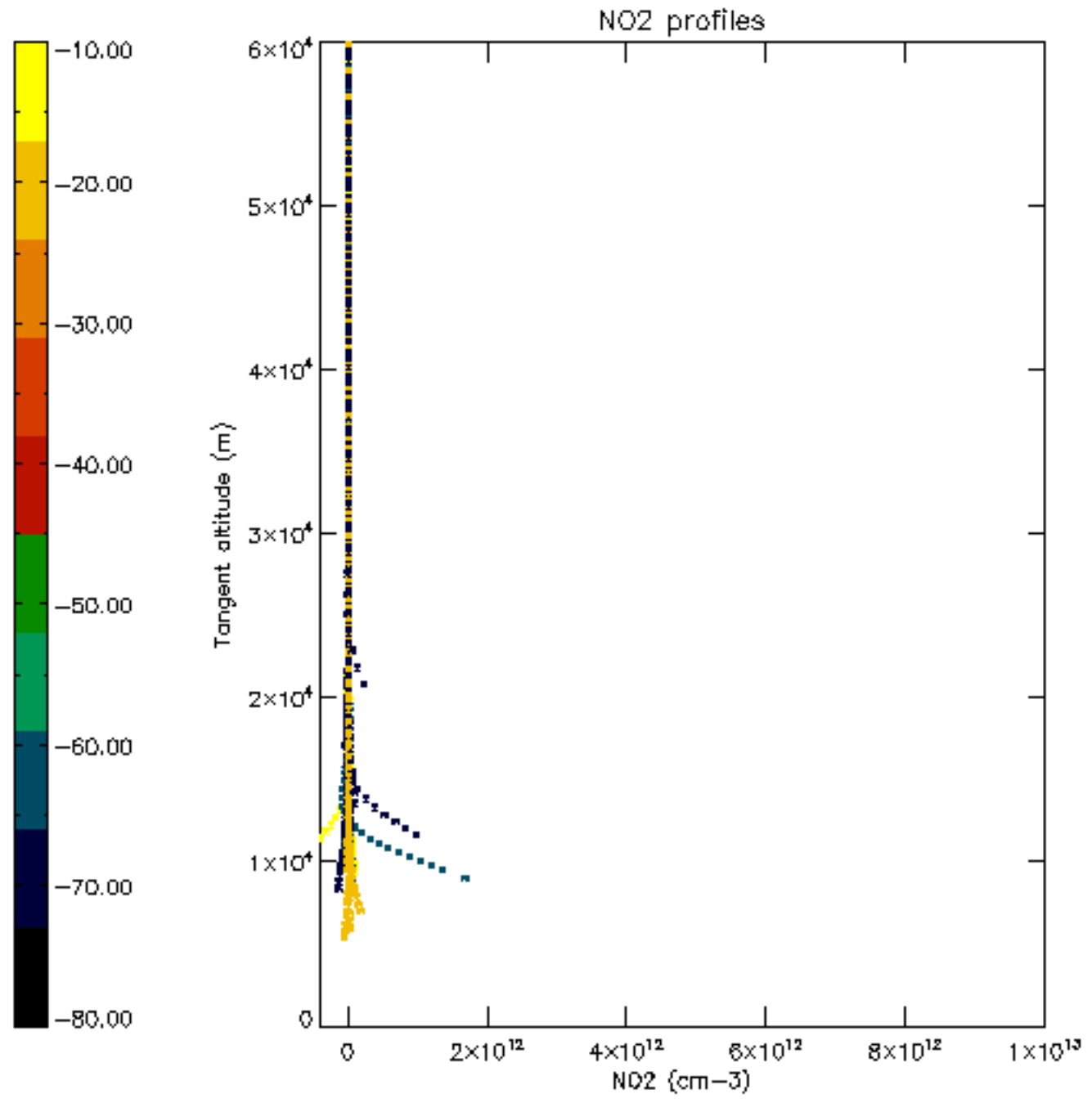


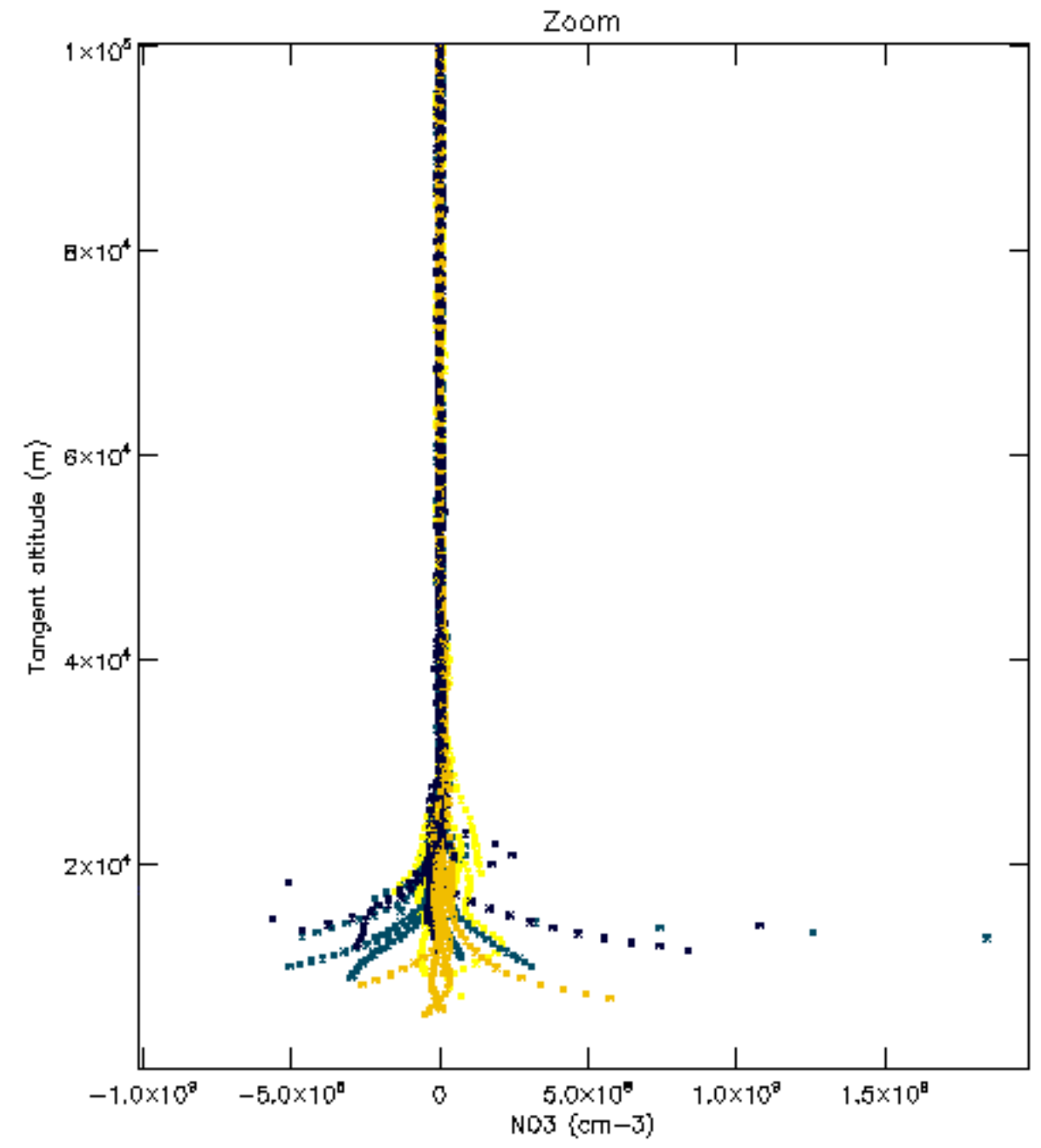
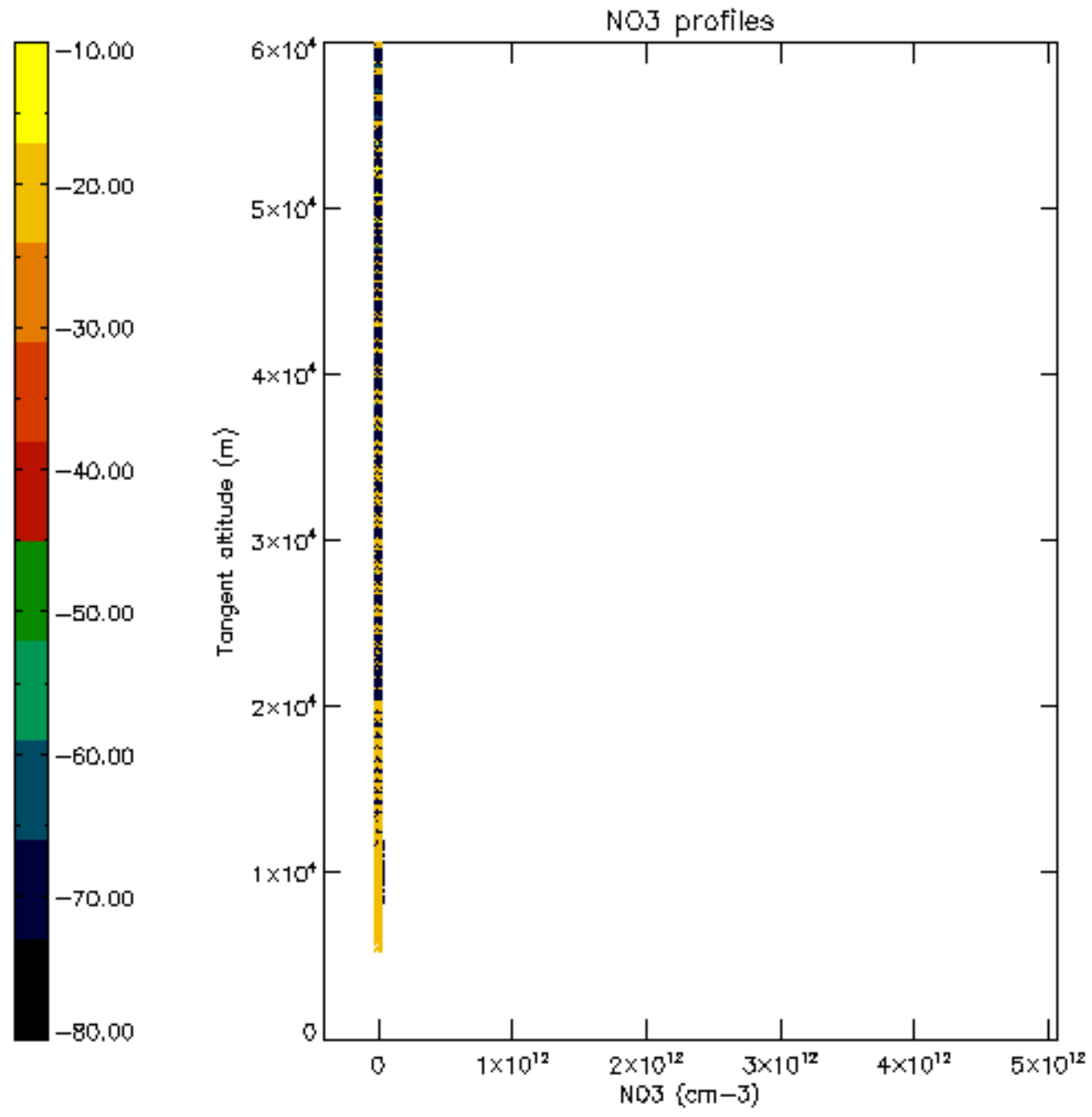


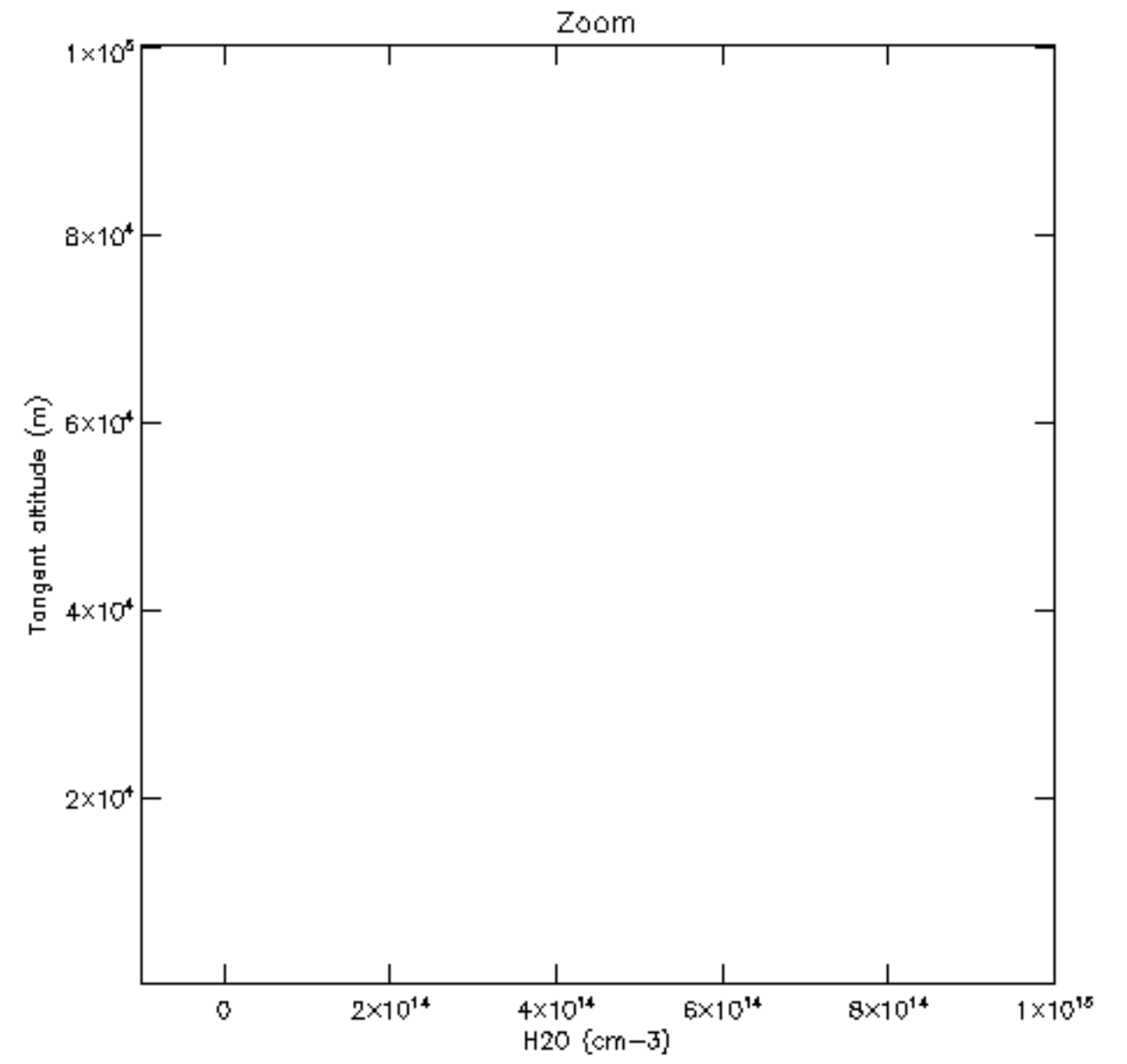
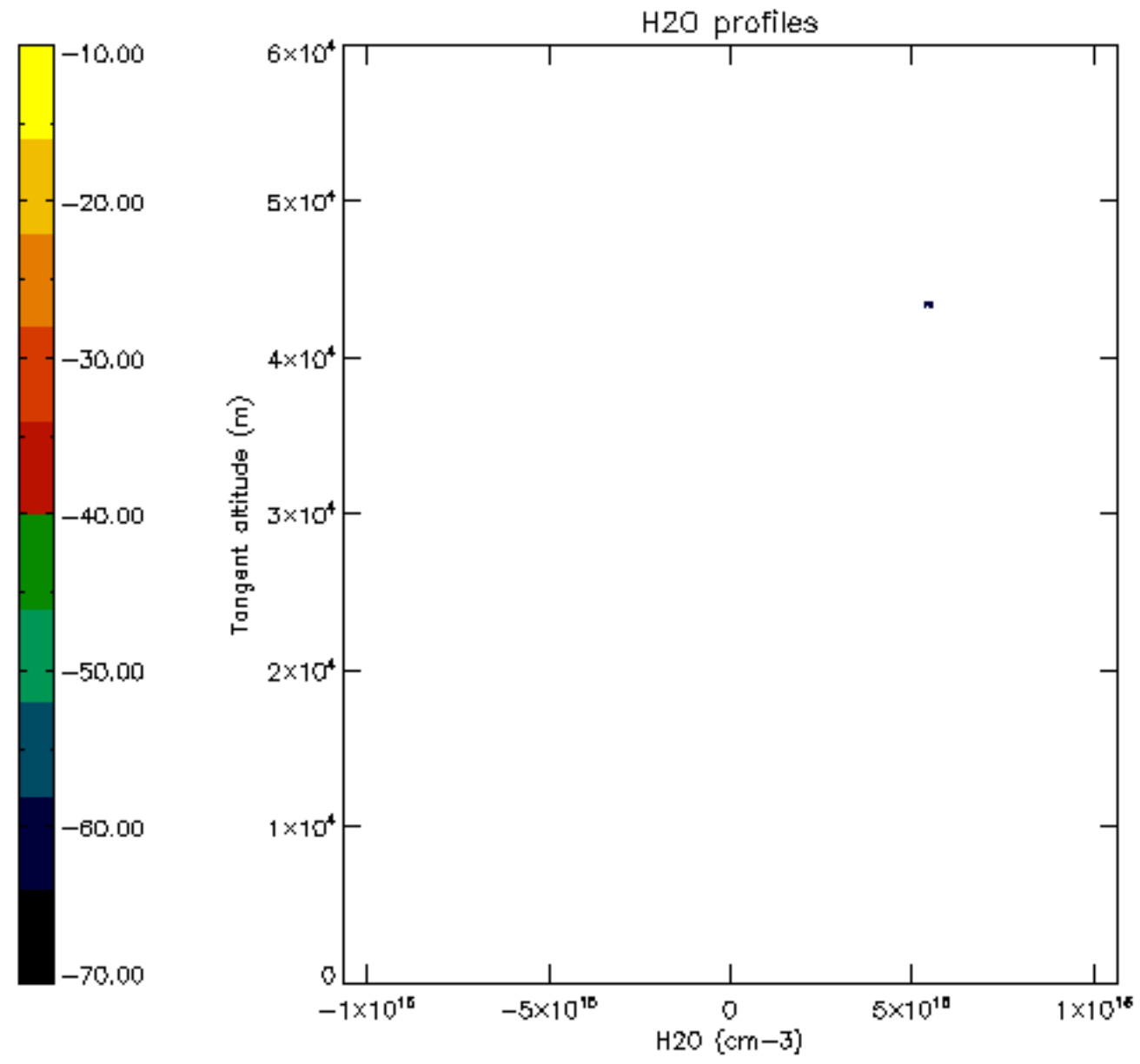


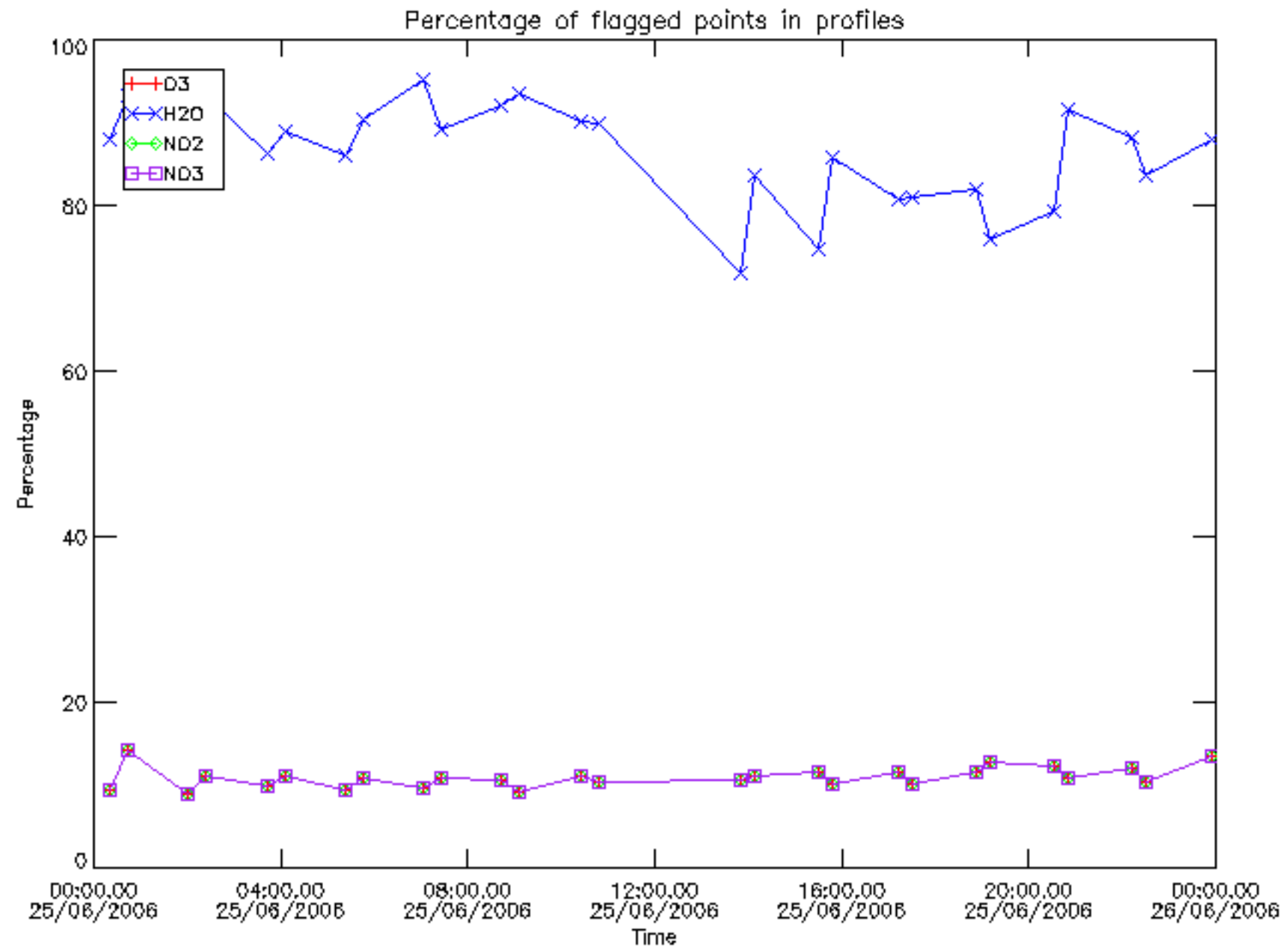




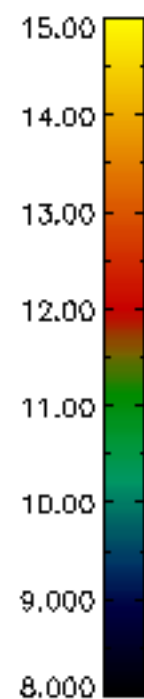
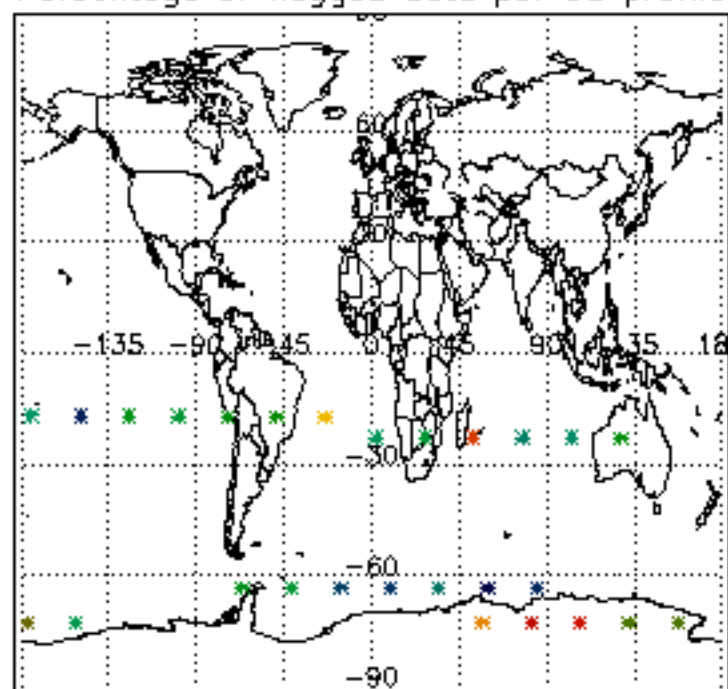




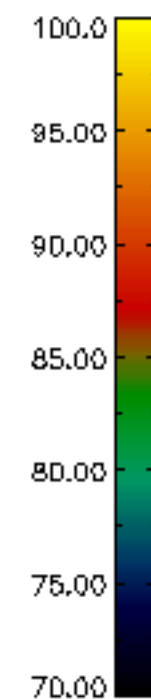
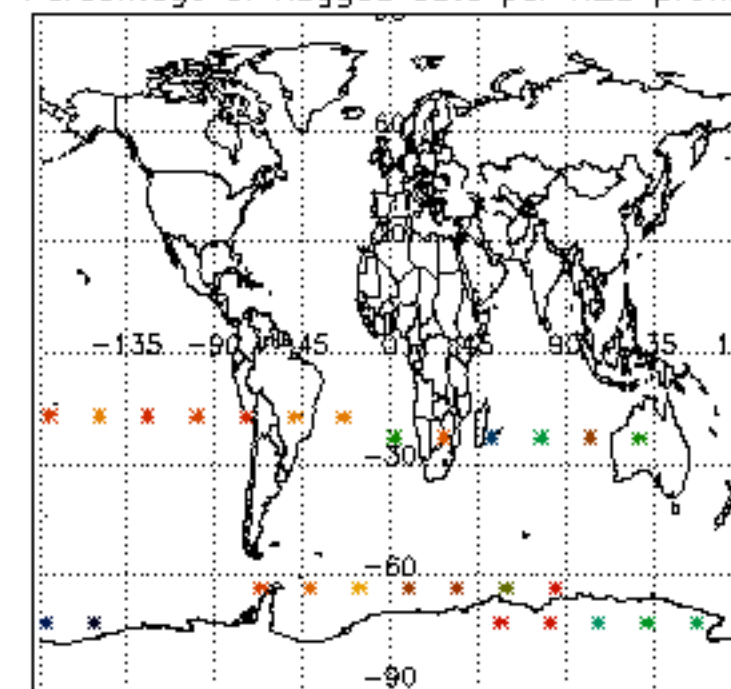




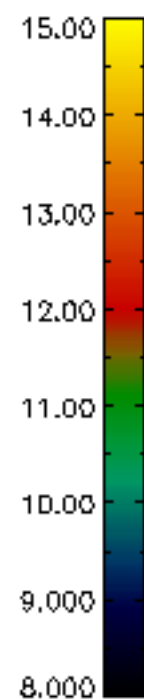
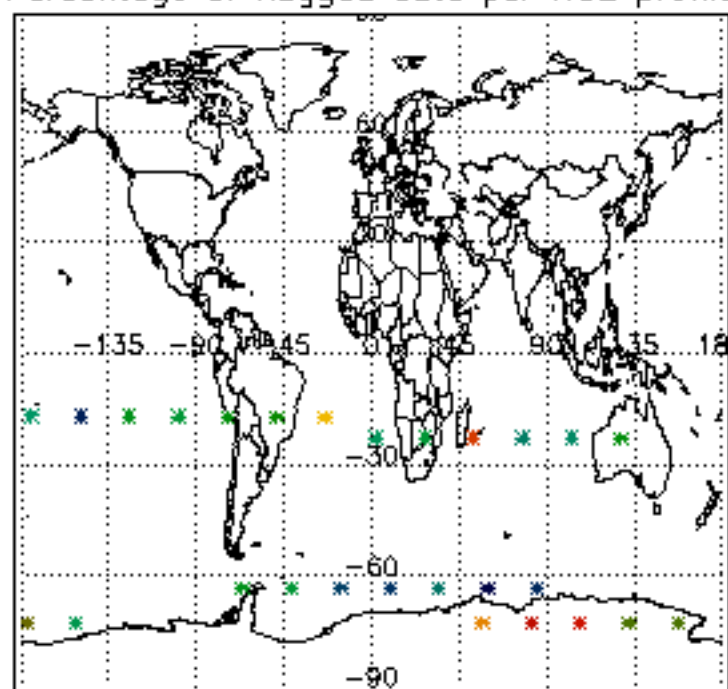
Percentage of flagged data per D3 profile



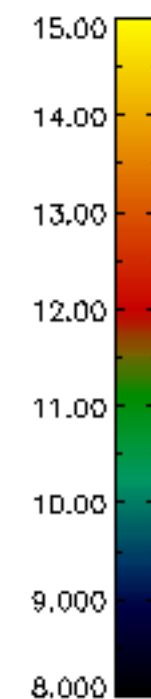
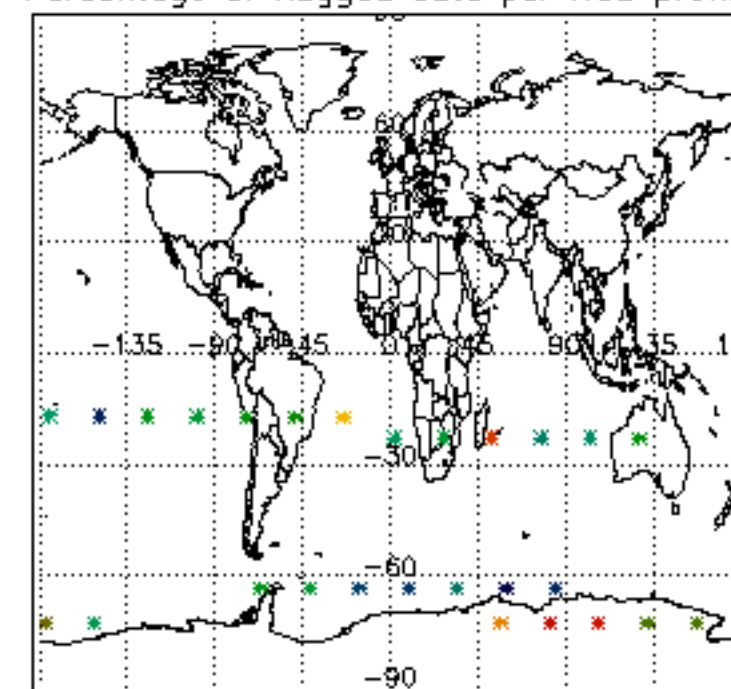
Percentage of flagged data per H2O profile

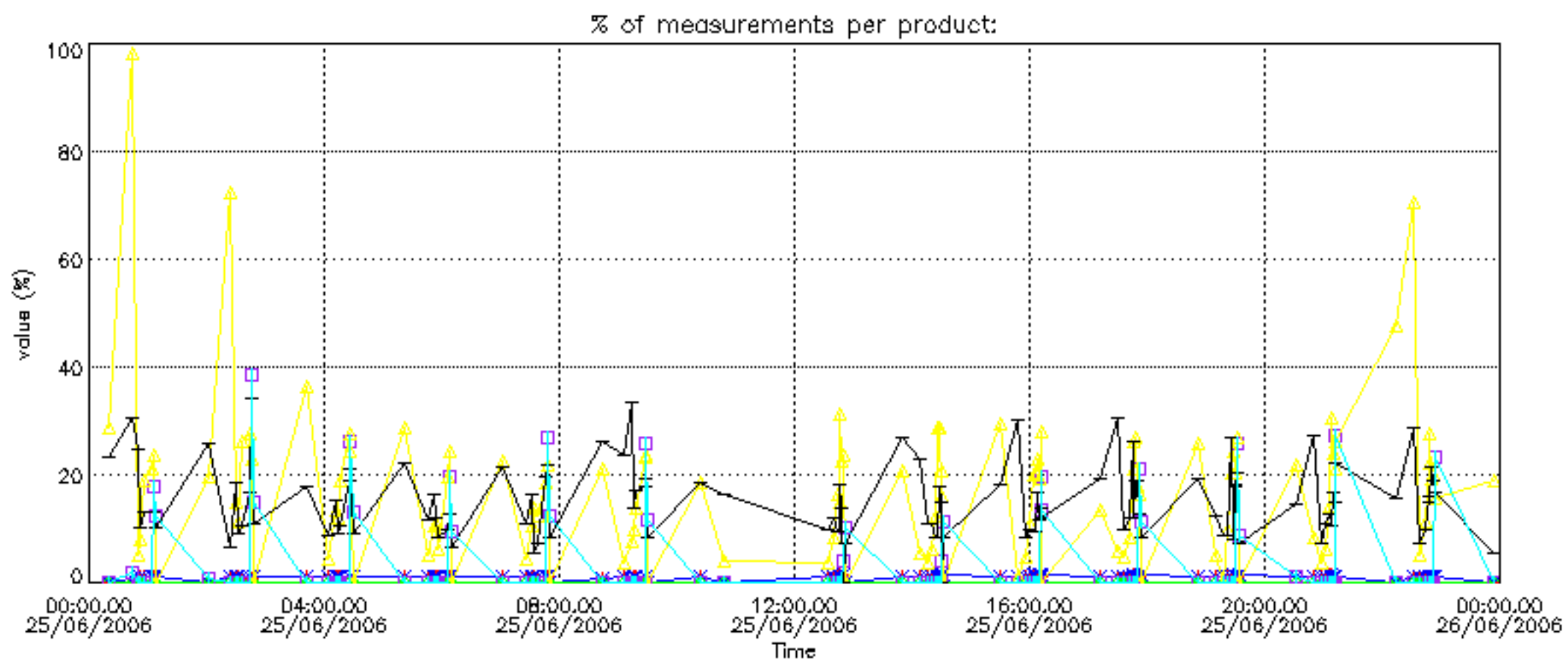


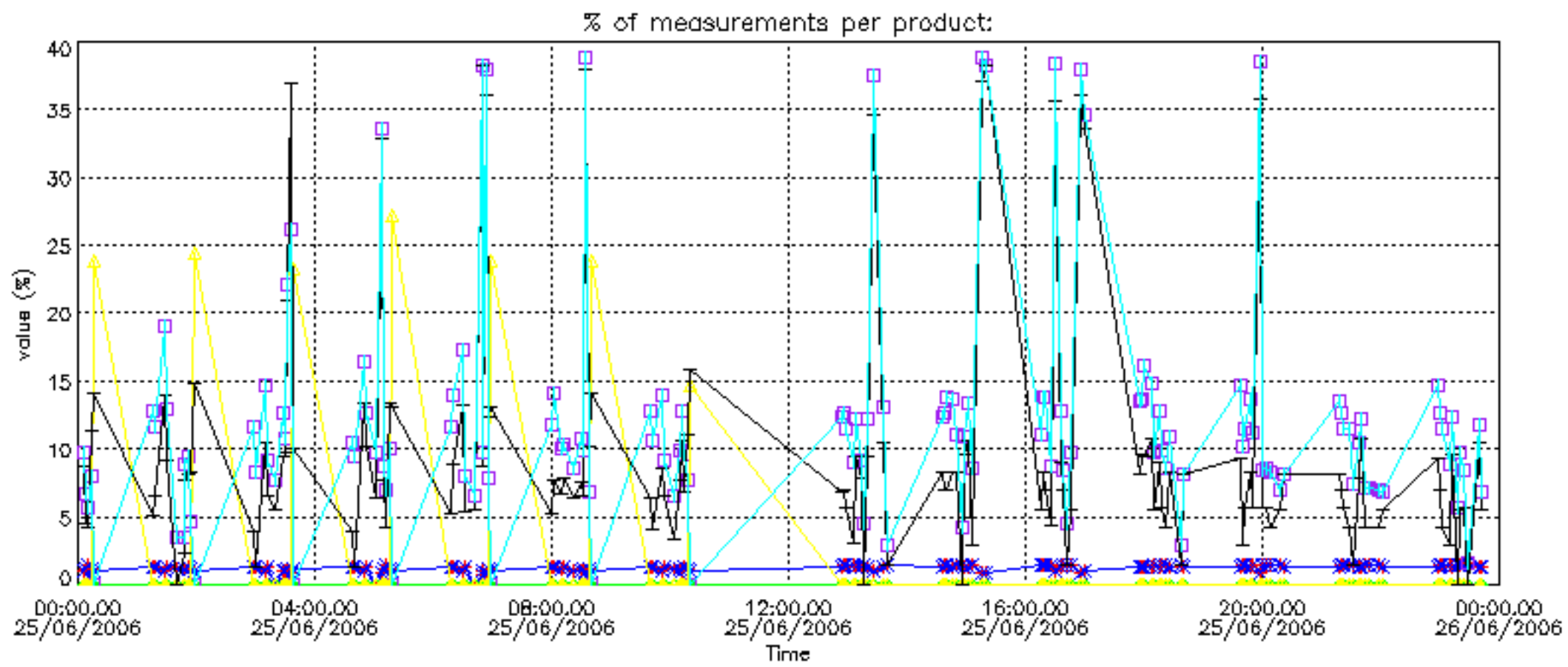
Percentage of flagged data per NO2 profile



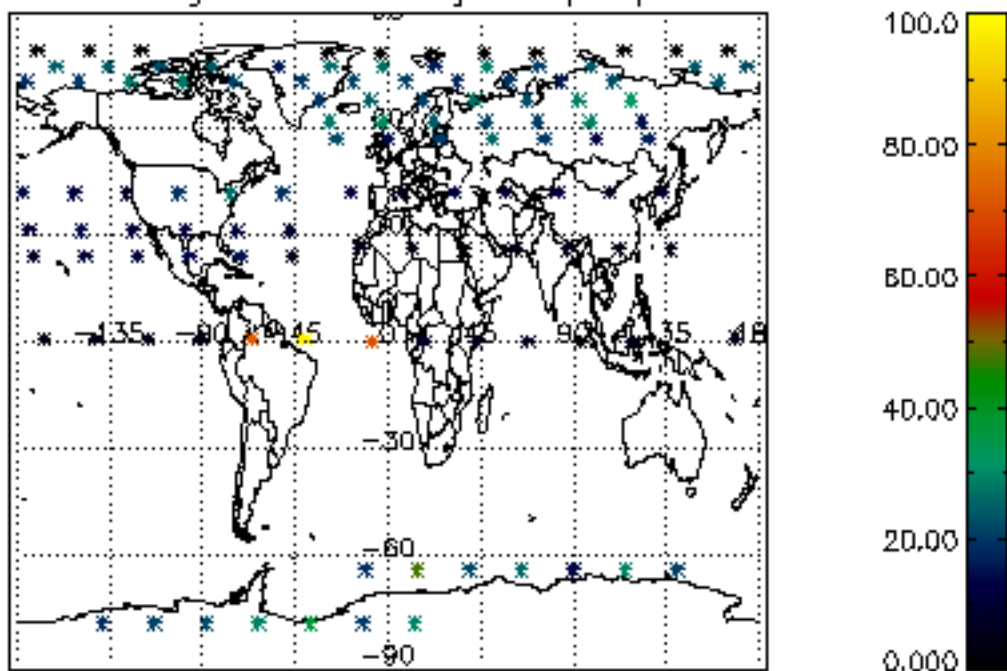
Percentage of flagged data per NO3 profile



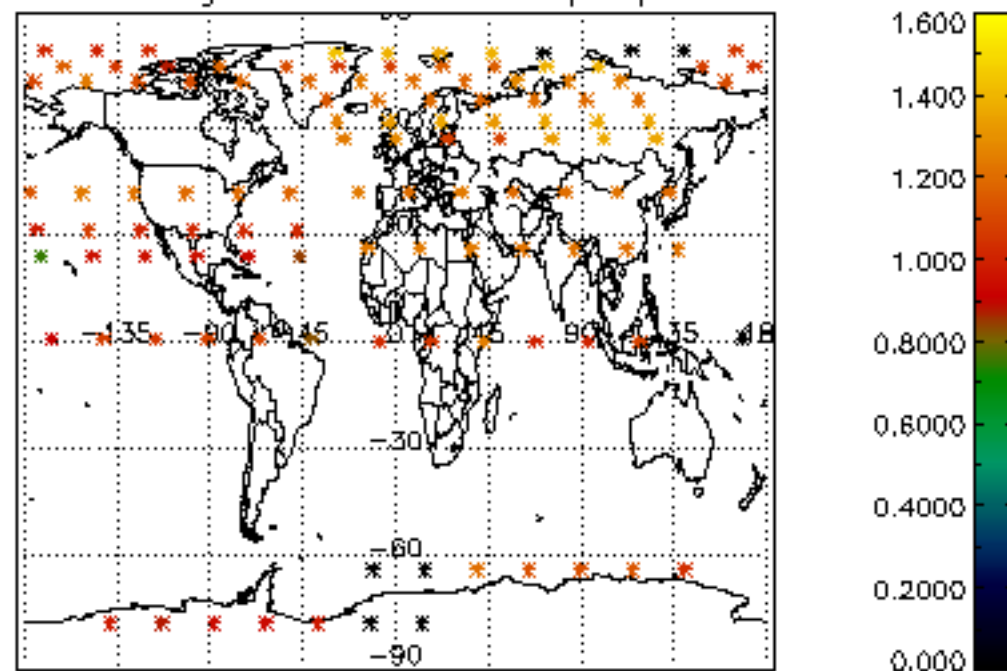




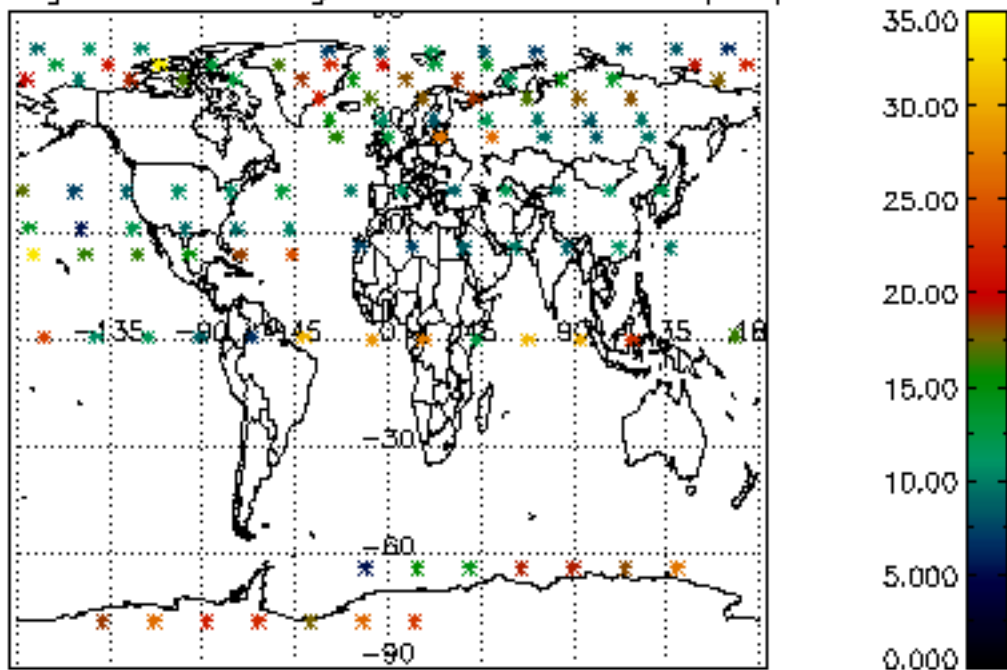
Percentage of cosmic ray hits per profile



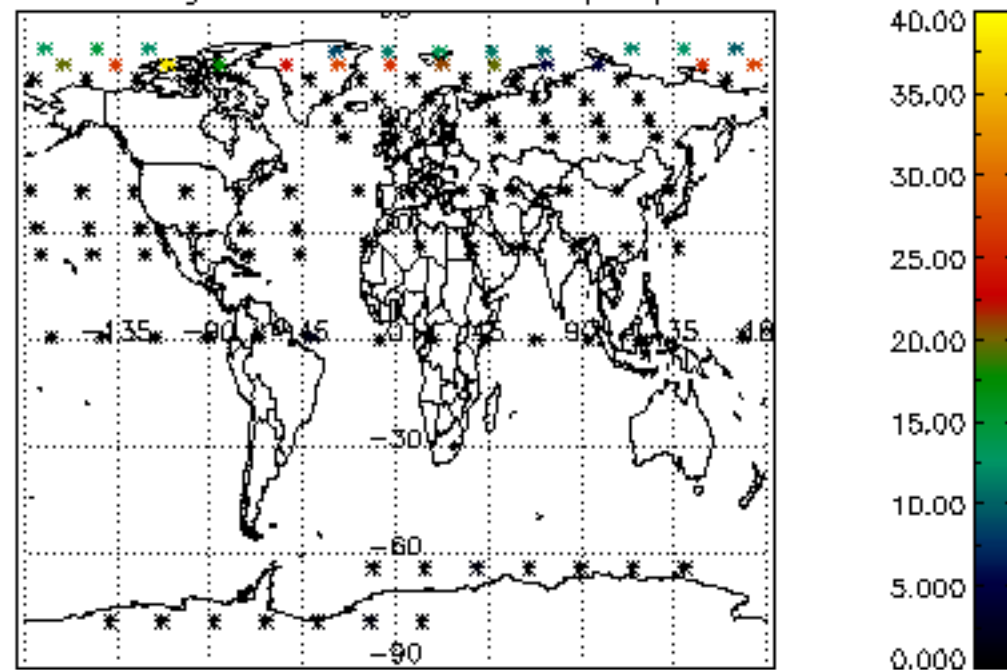
Percentage of datation errors per profile



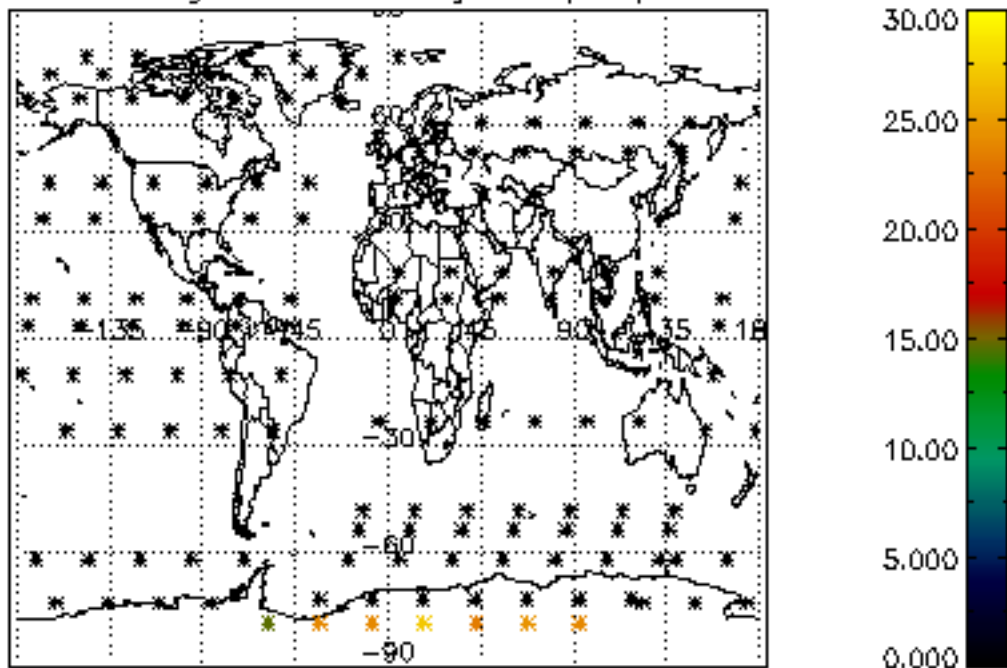
Percentage of star falling outside central band per profile



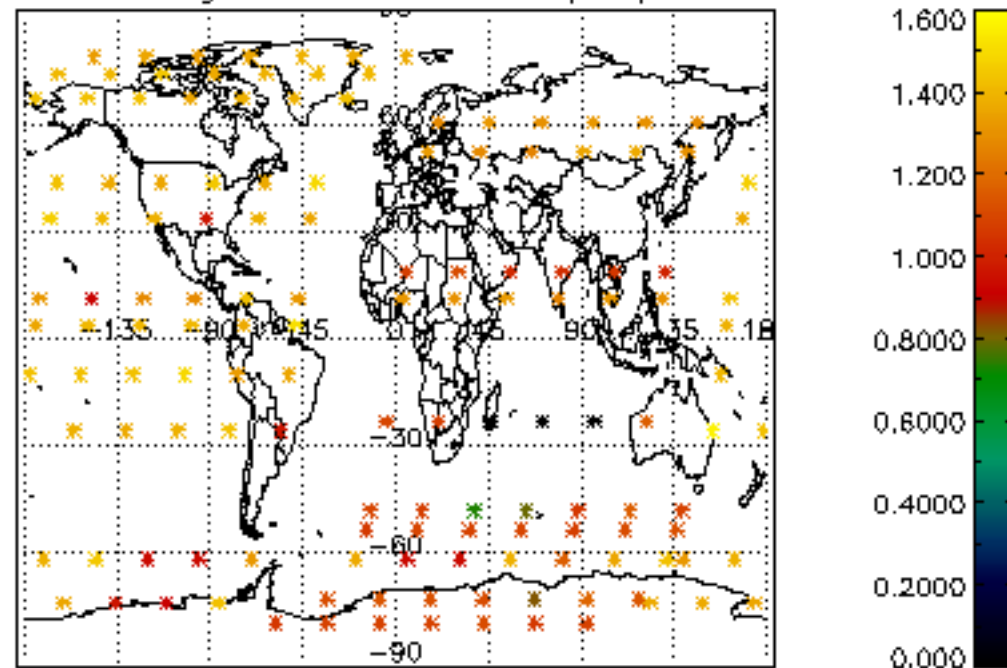
Percentage of saturation errors per profile



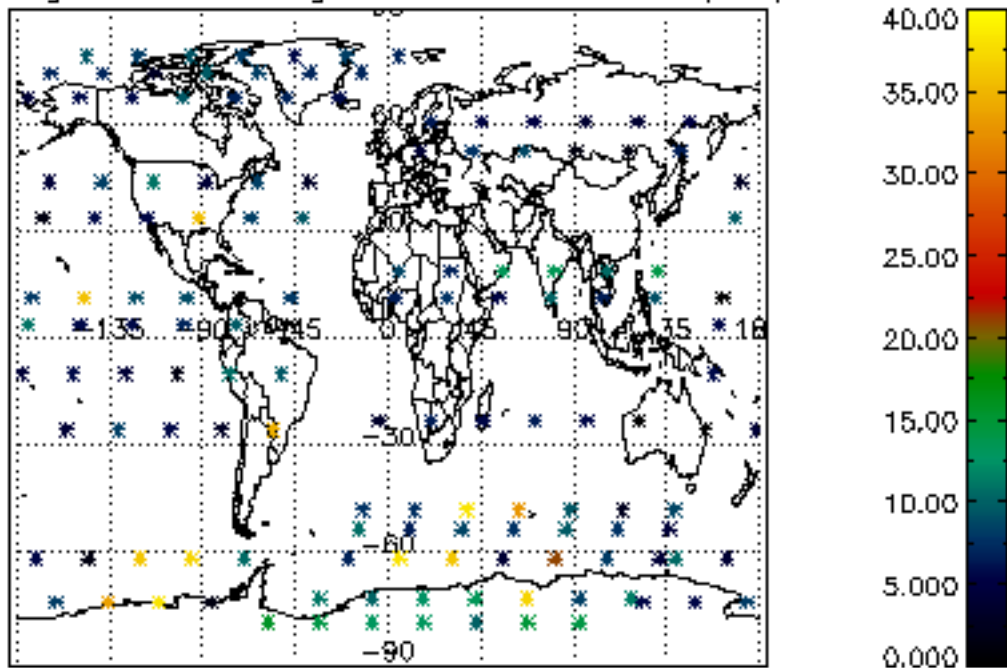
Percentage of cosmic ray hits per profile



Percentage of datation errors per profile



Percentage of star falling outside central band per profile



Percentage of saturation errors per profile

