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Supplement of

Atomic oxygen retrievals in the MLT region from SCIAMACHY night-glow limb measurements

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Table 3. Estimated uncertainty in limb emission rates (Rayleigh) on a daily timescale (9 September 2010). See Sects. 3, 6.1, 7.1 and Fig. 4 for further details.

| Altitude (km) | σ_h^+ | σ_h^- | σ_a^+ | σ_a^- | σ_l^+ | σ_l^- | σ_{LER}^+ | σ_{LER}^- |
|---------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|------------------|
| 105 | 0.00 | 0.00 | 0.00 | 0.00 | 1060.34 | 0.00 | 1060.34 | 0.00 |
| 104 | 0.00 | 0.00 | 0.00 | 0.00 | 1485.85 | 0.00 | 1485.85 | 0.00 |
| 103 | 0.00 | 0.00 | 159.77 | 0.00 | 1555.41 | 0.00 | 1715.18 | 0.00 |
| 102 | 323.85 | 54.37 | 173.13 | 173.13 | 1473.62 | 67.17 | 1970.60 | 294.68 |
| 101 | 47.99 | 50.79 | 177.78 | 177.78 | 1429.25 | 509.91 | 1655.02 | 738.48 |
| 100 | 50.18 | 46.76 | 179.78 | 179.78 | 1425.92 | 990.15 | 1655.88 | 1216.69 |
| 99 | 221.91 | 58.92 | 176.52 | 176.52 | 1341.15 | 1341.16 | 1739.58 | 1576.60 |
| 98 | 67.81 | 159.02 | 152.84 | 152.84 | 1266.08 | 1266.08 | 1486.73 | 1577.94 |
| 97 | 85.26 | 76.54 | 156.20 | 156.20 | 1318.65 | 1318.65 | 1560.11 | 1551.39 |
| 96 | 102.71 | 93.98 | 160.73 | 160.73 | 1312.23 | 1312.24 | 1575.67 | 1566.95 |
| 95 | 90.83 | 389.62 | 188.30 | 188.30 | 1345.36 | 1345.36 | 1624.49 | 1923.28 |
| 94 | 70.21 | 79.94 | 189.66 | 189.66 | 1435.94 | 1435.94 | 1695.81 | 1705.54 |
| 93 | 62.14 | 65.09 | 181.03 | 181.03 | 1455.47 | 1455.47 | 1698.64 | 1701.59 |
| 92 | 175.83 | 238.77 | 166.94 | 166.94 | 1403.30 | 1403.31 | 1746.07 | 1809.02 |
| 91 | 59.64 | 68.14 | 140.64 | 140.66 | 1438.86 | 1438.78 | 1639.14 | 1647.58 |
| 90 | 52.70 | 56.20 | 131.90 | 131.80 | 1449.10 | 1449.17 | 1633.70 | 1637.17 |
| 89 | 323.40 | 50.60 | 123.30 | 123.40 | 1403.90 | 1403.82 | 1850.60 | 1577.82 |
| 88 | 47.60 | 84.72 | 127.60 | 127.60 | 1468.20 | 1468.18 | 1643.40 | 1680.50 |
| 87 | 61.24 | 52.96 | 127.72 | 127.71 | 1515.80 | 1515.80 | 1704.76 | 1696.47 |
| 86 | 112.81 | 73.95 | 126.63 | 126.64 | 1491.98 | 1491.95 | 1731.42 | 1692.54 |
| 85 | 67.94 | 369.25 | 180.31 | 180.30 | 1514.09 | 1514.11 | 1762.34 | 2063.66 |

Table 4. Estimated uncertainty in limb emission rates (Rayleigh) on a monthly timescale (September 2010). See Sects. 3, 6.1, 7.1 and Fig. 4 for further details.

| Altitude (km) | σ_h^+ | σ_h^- | σ_a^+ | σ_a^- | σ_l^+ | σ_l^- | σ_{LER}^+ | σ_{LER}^- |
|---------------|--------------|--------------|--------------|--------------|--------------|--------------|------------------|------------------|
| 105 | 258.58 | 103.78 | 154.92 | 0.00 | 225.34 | 0.00 | 638.83 | 103.78 |
| 104 | 57.86 | 62.95 | 164.36 | 164.36 | 237.28 | 70.07 | 459.50 | 297.38 |
| 103 | 61.04 | 56.90 | 165.95 | 165.95 | 239.42 | 239.42 | 466.41 | 462.27 |
| 102 | 439.81 | 70.59 | 160.45 | 160.45 | 230.72 | 230.72 | 830.98 | 461.76 |
| 101 | 66.13 | 76.91 | 158.19 | 158.20 | 232.75 | 232.74 | 457.07 | 467.85 |
| 100 | 67.83 | 63.82 | 161.49 | 161.49 | 237.55 | 237.55 | 466.87 | 462.86 |
| 99 | 220.76 | 76.97 | 157.91 | 157.91 | 232.44 | 232.43 | 611.11 | 467.31 |
| 98 | 83.39 | 320.97 | 156.36 | 156.36 | 239.64 | 239.65 | 479.39 | 716.98 |
| 97 | 81.57 | 80.63 | 160.92 | 160.92 | 246.64 | 246.64 | 489.13 | 488.19 |
| 96 | 94.14 | 86.46 | 160.78 | 160.78 | 242.34 | 242.34 | 497.26 | 489.58 |
| 95 | 125.93 | 461.42 | 162.30 | 162.31 | 238.95 | 238.95 | 527.18 | 862.68 |
| 94 | 68.43 | 78.25 | 169.31 | 169.31 | 250.75 | 250.75 | 488.49 | 498.31 |
| 93 | 68.41 | 64.88 | 170.14 | 170.14 | 250.93 | 250.94 | 489.48 | 485.96 |
| 92 | 365.40 | 164.91 | 166.33 | 166.34 | 240.01 | 239.99 | 771.74 | 571.24 |
| 91 | 61.08 | 69.10 | 171.90 | 171.90 | 245.67 | 245.67 | 478.65 | 486.67 |
| 90 | 62.99 | 58.88 | 173.63 | 173.63 | 247.44 | 247.44 | 484.06 | 479.95 |
| 89 | 414.28 | 72.77 | 168.85 | 168.84 | 238.38 | 238.37 | 821.51 | 479.98 |
| 88 | 72.65 | 161.45 | 164.70 | 164.71 | 231.66 | 231.66 | 469.01 | 557.82 |
| 87 | 62.86 | 65.29 | 167.63 | 167.62 | 237.64 | 237.66 | 468.13 | 470.57 |
| 86 | 107.44 | 65.95 | 163.14 | 163.13 | 233.91 | 233.93 | 504.49 | 463.01 |
| 85 | 69.58 | 428.10 | 153.82 | 153.82 | 229.02 | 229.03 | 452.42 | 810.95 |

Table 5. Estimated uncertainty in volume emission rates (photon $\text{cm}^{-3} \text{s}^{-1}$) on a daily timescale (9 September 2010). See Sects. 4, 4.3, 6.1, 7.1 and Fig. 6 for further details.

| Altitude (km) | $\sigma_{\text{S}_s}^+$ | $\sigma_{\text{S}_s}^-$ | $\sigma_{\text{S}_m}^+$ | $\sigma_{\text{S}_m}^-$ | $\sigma_{\text{S}_b}^+$ | $\sigma_{\text{S}_b}^-$ | $\sigma_{\text{S}_f}^+$ | $\sigma_{\text{S}_f}^-$ | σ_{VER}^+ | σ_{VER}^- |
|---------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| 105 | 4.53 | 0.00 | 25.85 | 0.00 | 2.88 | 0.00 | 1.40 | 0.00 | 34.66 | 0.00 |
| 104 | 3.12 | 0.00 | 26.03 | 0.00 | 3.92 | 0.00 | 1.83 | 0.00 | 34.91 | 0.00 |
| 103 | 0.20 | 0.00 | 25.77 | 0.00 | 4.89 | 0.00 | 2.30 | 0.00 | 33.17 | 0.00 |
| 102 | 1.79 | 1.79 | 25.29 | 1.11 | 6.06 | 0.00 | 2.83 | 0.00 | 35.98 | 2.90 |
| 101 | 1.09 | 1.09 | 24.92 | 20.38 | 7.29 | 0.00 | 3.49 | 0.00 | 36.79 | 21.47 |
| 100 | 1.13 | 1.13 | 24.43 | 24.43 | 9.02 | 9.02 | 4.34 | 4.34 | 38.92 | 38.92 |
| 99 | 3.88 | 3.88 | 23.78 | 23.78 | 11.68 | 11.68 | 5.33 | 5.33 | 44.68 | 44.68 |
| 98 | 5.76 | 5.76 | 23.50 | 23.50 | 14.44 | 14.44 | 6.25 | 6.25 | 49.96 | 49.96 |
| 97 | 3.83 | 3.83 | 23.69 | 23.69 | 16.49 | 16.49 | 6.83 | 6.83 | 50.84 | 50.84 |
| 96 | 1.48 | 1.48 | 23.94 | 23.94 | 16.81 | 16.81 | 6.86 | 6.86 | 49.09 | 49.09 |
| 95 | 7.31 | 7.31 | 24.36 | 24.36 | 14.62 | 14.62 | 6.26 | 6.26 | 52.55 | 52.55 |
| 94 | 8.24 | 8.24 | 24.72 | 24.72 | 11.74 | 11.74 | 5.19 | 5.19 | 49.89 | 49.89 |
| 93 | 6.24 | 6.24 | 24.69 | 24.69 | 7.11 | 7.11 | 4.00 | 4.00 | 42.04 | 42.04 |
| 92 | 4.48 | 4.48 | 24.65 | 24.65 | 1.25 | 1.25 | 3.65 | 3.65 | 34.03 | 34.03 |
| 91 | 3.45 | 3.45 | 24.87 | 24.87 | 8.74 | 8.74 | 4.77 | 4.77 | 41.83 | 41.83 |
| 90 | 3.80 | 3.80 | 25.04 | 25.04 | 14.51 | 14.51 | 6.41 | 6.41 | 49.77 | 49.77 |
| 89 | 3.90 | 3.90 | 25.30 | 25.30 | 18.36 | 18.36 | 7.76 | 7.76 | 55.33 | 55.33 |
| 88 | 2.08 | 2.08 | 25.86 | 25.86 | 20.74 | 20.74 | 8.48 | 8.48 | 57.16 | 57.16 |
| 87 | 0.20 | 0.20 | 26.16 | 26.16 | 20.79 | 20.79 | 8.37 | 8.37 | 55.52 | 55.52 |
| 86 | 1.49 | 1.49 | 25.99 | 25.99 | 17.05 | 11.13 | 7.44 | 0.00 | 51.98 | 38.61 |
| 85 | 2.27 | 1.27 | 25.55 | 0.00 | 12.91 | 0.00 | 6.06 | 0.00 | 46.79 | 1.27 |

Table 6. Estimated uncertainty in volume emission rates (photon $\text{cm}^{-3} \text{s}^{-1}$) on a monthly timescale (September 2010). See Sects. 4, 4.3, 6.1, 7.1 and Fig. 6 for further details.

| Altitude (km) | $\sigma_{\text{S}_s}^+$ | $\sigma_{\text{S}_s}^-$ | $\sigma_{\text{S}_m}^+$ | $\sigma_{\text{S}_m}^-$ | $\sigma_{\text{S}_b}^+$ | $\sigma_{\text{S}_b}^-$ | $\sigma_{\text{S}_f}^+$ | $\sigma_{\text{S}_f}^-$ | σ_{VER}^+ | σ_{VER}^- |
|---------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| 105 | 0.10 | 0.02 | 4.25 | 0.00 | 2.88 | 0.00 | 1.47 | 0.00 | 8.70 | 0.02 |
| 104 | 0.18 | 0.18 | 4.34 | 4.34 | 3.92 | 3.07 | 1.92 | 0.00 | 10.37 | 7.60 |
| 103 | 0.76 | 0.76 | 4.36 | 4.36 | 4.89 | 4.89 | 2.40 | 2.40 | 12.41 | 12.41 |
| 102 | 0.90 | 0.90 | 4.35 | 4.35 | 6.06 | 6.06 | 2.95 | 2.95 | 14.26 | 14.26 |
| 101 | 0.75 | 0.75 | 4.38 | 4.38 | 7.29 | 7.29 | 3.63 | 3.63 | 16.06 | 16.06 |
| 100 | 1.48 | 1.48 | 4.42 | 4.42 | 9.02 | 9.02 | 4.52 | 4.52 | 19.44 | 19.44 |
| 99 | 1.31 | 1.31 | 4.45 | 4.45 | 11.68 | 11.68 | 5.56 | 5.56 | 23.00 | 23.00 |
| 98 | 1.38 | 1.38 | 4.51 | 4.51 | 14.44 | 14.44 | 6.54 | 6.54 | 26.88 | 26.88 |
| 97 | 1.53 | 1.53 | 4.54 | 4.54 | 16.49 | 16.49 | 7.18 | 7.18 | 29.73 | 29.73 |
| 96 | 0.62 | 0.62 | 4.53 | 4.53 | 16.81 | 16.81 | 7.21 | 7.21 | 29.18 | 29.18 |
| 95 | 1.38 | 1.38 | 4.57 | 4.57 | 14.62 | 14.62 | 6.57 | 6.57 | 27.15 | 27.15 |
| 94 | 2.06 | 2.06 | 4.63 | 4.63 | 11.74 | 11.74 | 5.42 | 5.42 | 23.86 | 23.86 |
| 93 | 2.27 | 2.27 | 4.60 | 4.60 | 7.11 | 7.11 | 4.12 | 4.12 | 18.10 | 18.10 |
| 92 | 2.85 | 2.85 | 4.57 | 4.57 | 1.25 | 1.25 | 3.70 | 3.70 | 12.37 | 12.37 |
| 91 | 2.66 | 2.66 | 4.59 | 4.59 | 8.74 | 8.74 | 4.93 | 4.93 | 20.91 | 20.91 |
| 90 | 2.12 | 2.12 | 4.55 | 4.55 | 14.51 | 14.51 | 6.71 | 6.71 | 27.89 | 27.89 |
| 89 | 0.03 | 0.03 | 4.48 | 4.48 | 18.36 | 18.36 | 8.17 | 8.17 | 31.04 | 31.04 |
| 88 | 4.17 | 4.17 | 4.46 | 4.46 | 20.74 | 20.74 | 8.95 | 8.95 | 38.32 | 38.32 |
| 87 | 4.80 | 4.80 | 4.48 | 4.48 | 20.79 | 16.69 | 8.84 | 0.00 | 38.90 | 25.96 |
| 86 | 3.16 | 3.16 | 4.41 | 4.41 | 17.05 | 2.62 | 7.84 | 0.00 | 32.47 | 10.20 |
| 85 | 1.18 | 1.18 | 4.30 | 0.59 | 12.91 | 0.00 | 6.35 | 0.00 | 24.73 | 1.77 |

Table 7. Estimated uncertainty in atomic oxygen concentrations ($\times 10^{10} \text{ cm}^{-3}$) on a daily timescale (9 September 2010).

See Sects. 5, 6.2, 7.1 and Fig. 8 for further details.

| Altitude (km) | $\sigma_{S_s}^+$ | $\sigma_{S_s}^-$ | $\sigma_{S_m}^+$ | $\sigma_{S_m}^-$ | $\sigma_{S_b}^+$ | $\sigma_{S_b}^-$ | $\sigma_{S_f}^+$ | $\sigma_{S_f}^-$ | σ_T^+ | σ_T^- | σ_D^+ | σ_D^- | σ_O^+ | σ_O^- |
|---------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 105 | 4.16 | 0.00 | 26.84 | 0.00 | 3.32 | 0.00 | 1.51 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 35.82 | 0.00 |
| 104 | 0.21 | 2.09 | 22.60 | 6.34 | 3.61 | 0.00 | 1.64 | 0.00 | 0.70 | 0.00 | 0.53 | 0.00 | 29.29 | 8.42 |
| 103 | 1.44 | 2.09 | 17.68 | 9.57 | 3.70 | 6.30 | 1.68 | 3.39 | 1.33 | 2.32 | 0.94 | 0.98 | 26.76 | 24.64 |
| 102 | 0.72 | 2.09 | 14.84 | 9.57 | 3.87 | 6.30 | 1.79 | 3.39 | 1.72 | 2.32 | 1.09 | 0.98 | 24.03 | 24.64 |
| 101 | 0.64 | 2.09 | 12.70 | 9.57 | 4.25 | 6.30 | 1.98 | 3.39 | 2.04 | 2.32 | 1.16 | 0.98 | 22.76 | 24.64 |
| 100 | 1.86 | 2.09 | 10.58 | 9.57 | 4.79 | 6.30 | 2.11 | 3.39 | 2.35 | 2.32 | 1.19 | 0.98 | 22.88 | 24.64 |
| 99 | 2.30 | 1.73 | 8.86 | 7.75 | 5.08 | 5.54 | 2.12 | 2.67 | 2.69 | 2.65 | 1.18 | 0.97 | 22.23 | 21.31 |
| 98 | 1.29 | 0.94 | 7.65 | 6.18 | 5.02 | 4.78 | 2.01 | 2.13 | 3.07 | 3.02 | 1.17 | 0.96 | 20.23 | 18.01 |
| 97 | 0.43 | 0.31 | 6.73 | 5.17 | 4.49 | 3.93 | 1.78 | 1.69 | 3.46 | 3.41 | 1.14 | 0.93 | 18.04 | 15.43 |
| 96 | 1.88 | 1.35 | 6.06 | 4.72 | 3.49 | 3.01 | 1.47 | 1.34 | 3.80 | 3.73 | 1.07 | 0.87 | 17.76 | 15.02 |
| 95 | 1.95 | 1.39 | 5.67 | 4.35 | 2.60 | 2.17 | 1.13 | 0.99 | 3.96 | 3.90 | 0.93 | 0.75 | 16.25 | 13.55 |
| 94 | 1.42 | 1.00 | 5.47 | 4.10 | 1.53 | 1.23 | 0.85 | 0.70 | 4.03 | 3.96 | 0.78 | 0.62 | 14.09 | 11.62 |
| 93 | 1.04 | 0.72 | 5.56 | 4.10 | 0.28 | 0.22 | 0.80 | 0.63 | 4.06 | 3.99 | 0.64 | 0.50 | 12.37 | 10.15 |
| 92 | 0.83 | 0.57 | 5.80 | 4.24 | 1.97 | 1.56 | 1.06 | 0.87 | 4.00 | 3.93 | 0.50 | 0.38 | 14.15 | 11.54 |
| 91 | 0.96 | 0.66 | 6.12 | 4.53 | 3.41 | 2.79 | 1.48 | 1.27 | 3.86 | 3.79 | 0.35 | 0.25 | 16.17 | 13.29 |
| 90 | 1.05 | 0.73 | 6.58 | 4.99 | 4.54 | 3.93 | 1.86 | 1.76 | 3.60 | 3.53 | 0.20 | 0.13 | 17.83 | 15.08 |
| 89 | 0.61 | 0.73 | 7.21 | 4.99 | 5.41 | 3.93 | 2.13 | 1.76 | 3.18 | 3.53 | 0.07 | 0.13 | 18.60 | 15.08 |
| 88 | 0.07 | 0.73 | 8.10 | 4.99 | 5.88 | 3.93 | 2.25 | 1.76 | 2.66 | 3.53 | 0.05 | 0.13 | 19.00 | 15.08 |
| 87 | 0.61 | 0.73 | 9.75 | 4.99 | 5.67 | 3.93 | 2.34 | 1.76 | 2.05 | 3.53 | 0.14 | 0.13 | 20.55 | 15.08 |
| 86 | 1.38 | 0.73 | 12.99 | 4.99 | 5.44 | 3.78 | 2.38 | 0.00 | 1.22 | 0.00 | 0.19 | 0.00 | 23.61 | 9.51 |
| 85 | 0.80 | 0.00 | 22.80 | 0.00 | 5.63 | 0.00 | 2.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 31.66 | 0.00 |

Table 8. Estimated uncertainty in atomic oxygen concentrations ($\times 10^{10} \text{ cm}^{-3}$) on a monthly timescale (September 2010). See Sects. 5, 6.2, 7.1 and Fig. 8 for further details.

| Altitude (km) | $\sigma_{S_s}^+$ | $\sigma_{S_s}^-$ | $\sigma_{S_m}^+$ | $\sigma_{S_m}^-$ | $\sigma_{S_b}^+$ | $\sigma_{S_b}^-$ | $\sigma_{S_f}^+$ | $\sigma_{S_f}^-$ | σ_T^+ | σ_T^- | σ_D^+ | σ_D^- | σ_O^+ | σ_O^- |
|---------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 105 | 0.31 | -26.93 | 5.13 | 5.97 | 4.26 | 7.80 | 1.98 | 7.67 | 1.12 | 1.10 | 1.01 | 0.84 | 13.81 | -3.55 |
| 104 | 0.71 | -4.50 | 4.05 | 3.94 | 4.24 | 5.25 | 1.99 | 3.12 | 1.40 | 1.38 | 1.14 | 0.95 | 13.52 | 10.15 |
| 103 | 0.64 | -4.06 | 3.30 | 2.83 | 4.34 | 4.39 | 2.02 | 2.40 | 1.66 | 1.64 | 1.22 | 1.02 | 13.19 | 8.21 |
| 102 | 0.51 | -2.92 | 2.85 | 2.25 | 4.50 | 4.04 | 2.15 | 2.20 | 1.94 | 1.92 | 1.29 | 1.07 | 13.24 | 8.56 |
| 101 | 0.80 | -1.09 | 2.47 | 1.88 | 4.80 | 4.08 | 2.31 | 2.21 | 2.24 | 2.21 | 1.34 | 1.11 | 13.94 | 10.38 |
| 100 | 0.56 | 0.40 | 2.16 | 1.59 | 5.41 | 4.41 | 2.47 | 2.25 | 2.54 | 2.50 | 1.35 | 1.12 | 14.48 | 12.27 |
| 99 | 0.49 | 0.34 | 1.90 | 1.37 | 5.83 | 4.62 | 2.54 | 2.24 | 2.81 | 2.77 | 1.32 | 1.09 | 14.90 | 12.44 |
| 98 | 0.52 | 0.36 | 1.68 | 1.19 | 5.86 | 4.52 | 2.45 | 2.09 | 3.04 | 2.99 | 1.24 | 1.01 | 14.77 | 12.17 |
| 97 | 0.23 | 0.16 | 1.50 | 1.05 | 5.37 | 4.03 | 2.22 | 1.82 | 3.23 | 3.18 | 1.12 | 0.92 | 13.68 | 11.15 |
| 96 | 0.35 | 0.24 | 1.40 | 0.96 | 4.33 | 3.17 | 1.89 | 1.48 | 3.39 | 3.34 | 1.00 | 0.82 | 12.36 | 10.01 |
| 95 | 0.55 | 0.37 | 1.34 | 0.92 | 3.31 | 2.38 | 1.50 | 1.13 | 3.46 | 3.40 | 0.86 | 0.70 | 11.02 | 8.90 |
| 94 | 0.63 | 0.42 | 1.30 | 0.89 | 1.97 | 1.39 | 1.12 | 0.82 | 3.44 | 3.38 | 0.71 | 0.57 | 9.17 | 7.47 |
| 93 | 0.81 | 0.54 | 1.30 | 0.89 | 0.35 | 0.25 | 1.03 | 0.73 | 3.34 | 3.28 | 0.55 | 0.43 | 7.37 | 6.11 |
| 92 | 0.76 | 0.51 | 1.35 | 0.92 | 2.51 | 1.80 | 1.38 | 1.04 | 3.14 | 3.09 | 0.40 | 0.30 | 9.54 | 7.66 |
| 91 | 0.62 | 0.42 | 1.43 | 0.98 | 4.40 | 3.29 | 1.96 | 1.61 | 2.85 | 2.79 | 0.25 | 0.18 | 11.50 | 9.27 |
| 90 | 0.04 | 0.03 | 1.56 | 1.08 | 6.07 | 4.82 | 2.54 | 2.38 | 2.44 | 2.39 | 0.12 | 0.07 | 12.78 | 10.77 |
| 89 | 1.65 | 0.03 | 1.77 | 1.08 | 7.60 | 4.82 | 2.99 | 2.38 | 1.97 | 2.39 | 0.01 | 0.07 | 16.00 | 10.77 |
| 88 | 2.35 | 0.03 | 2.17 | 1.08 | 8.93 | 4.82 | 3.34 | 2.38 | 1.56 | 2.39 | 0.07 | 0.07 | 18.42 | 10.77 |
| 87 | 2.02 | 0.03 | 2.82 | 1.08 | 9.18 | 4.82 | 3.59 | 2.38 | 1.23 | 2.39 | 0.12 | 0.07 | 18.96 | 10.77 |
| 86 | 0.92 | 0.03 | 3.65 | 1.08 | 8.77 | 4.82 | 3.57 | 2.38 | 0.99 | 2.39 | 0.15 | 0.07 | 18.06 | 10.77 |
| 85 | 1.72 | -10.09 | 3.84 | 1.08 | 7.14 | 4.82 | 3.00 | 2.38 | 0.94 | 1.81 | 0.19 | 0.00 | 16.83 | 0.00 |