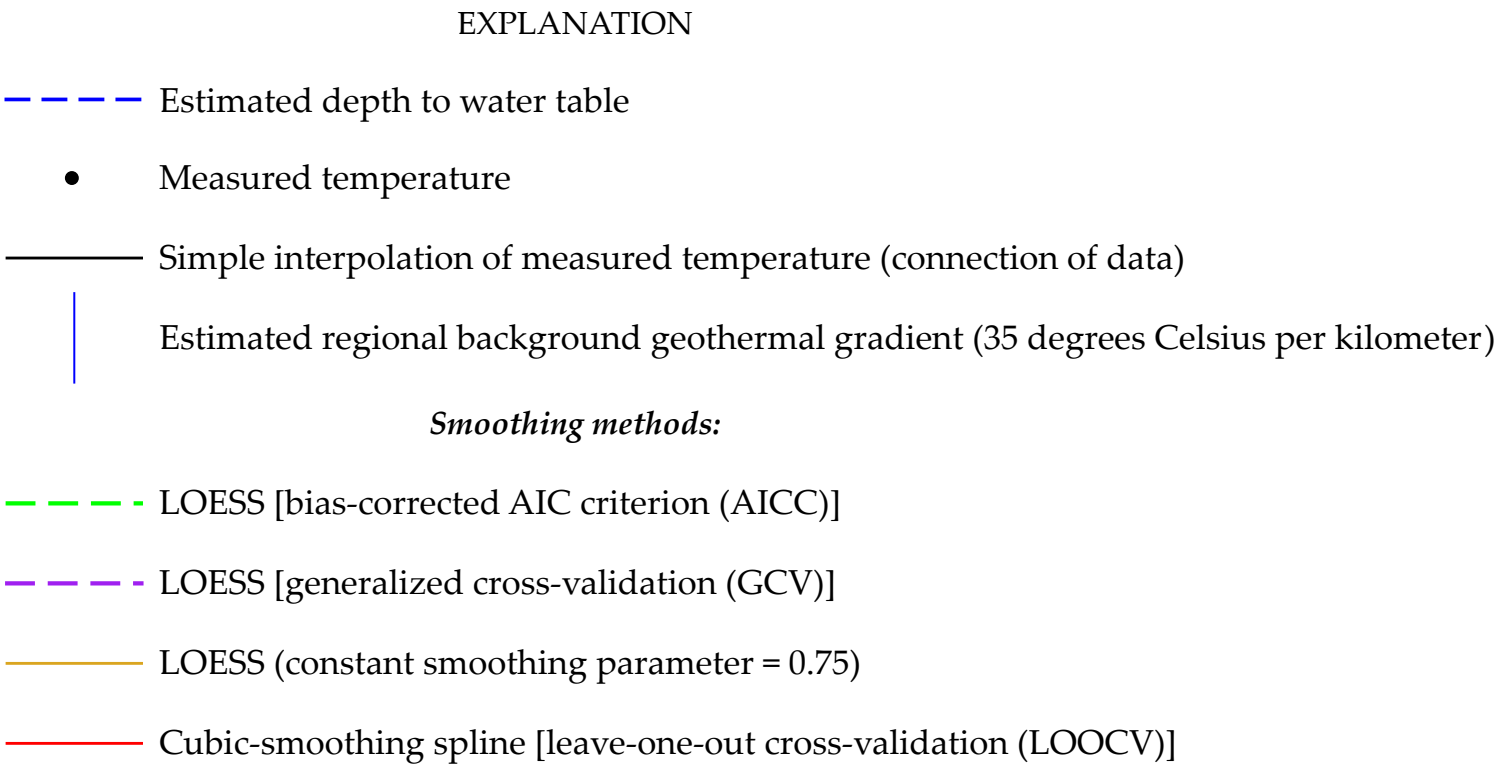
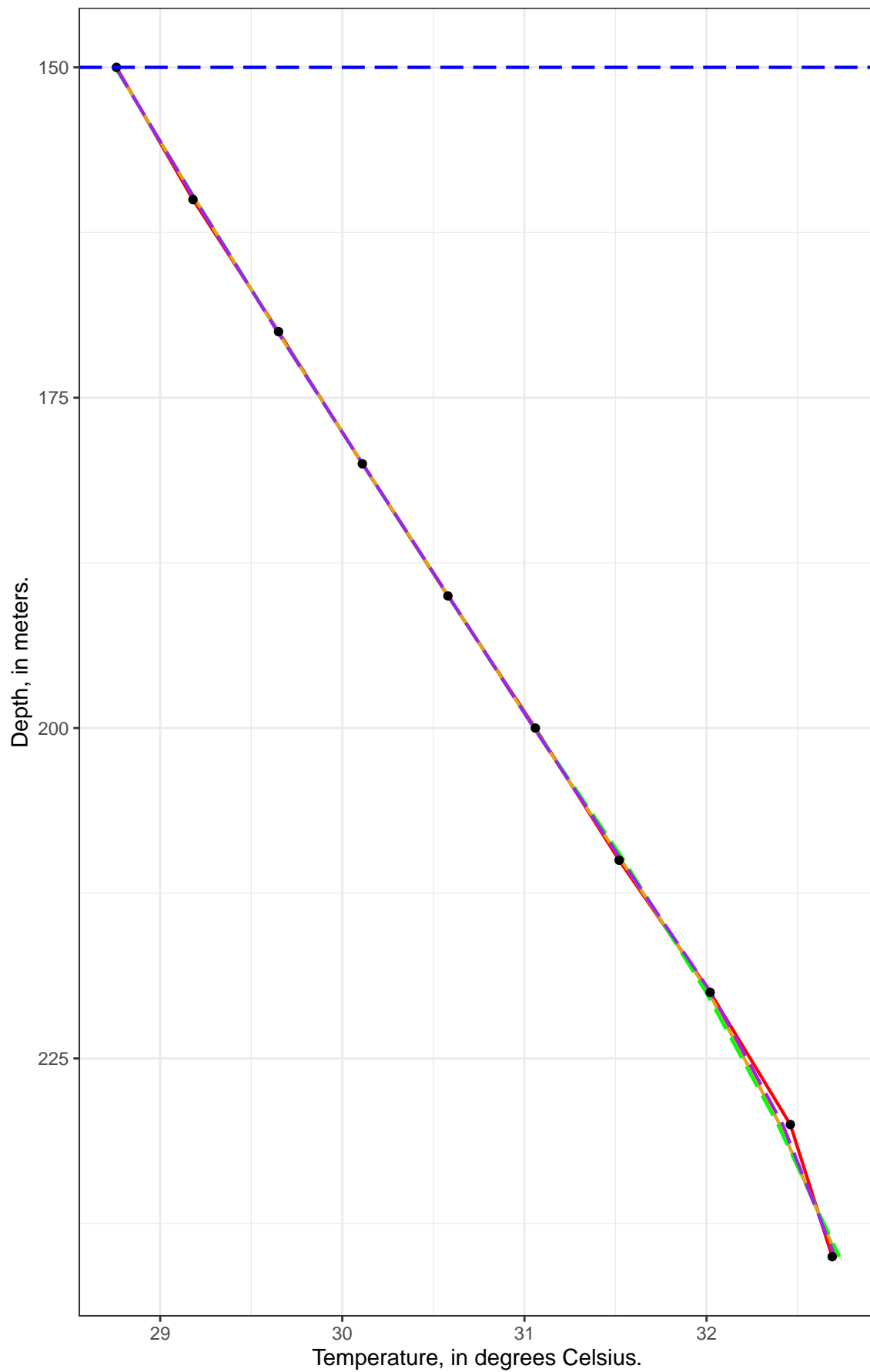


Figure S2. Plots of smoothed profiles and derivatives for measurements made below estimated water-table elevations.

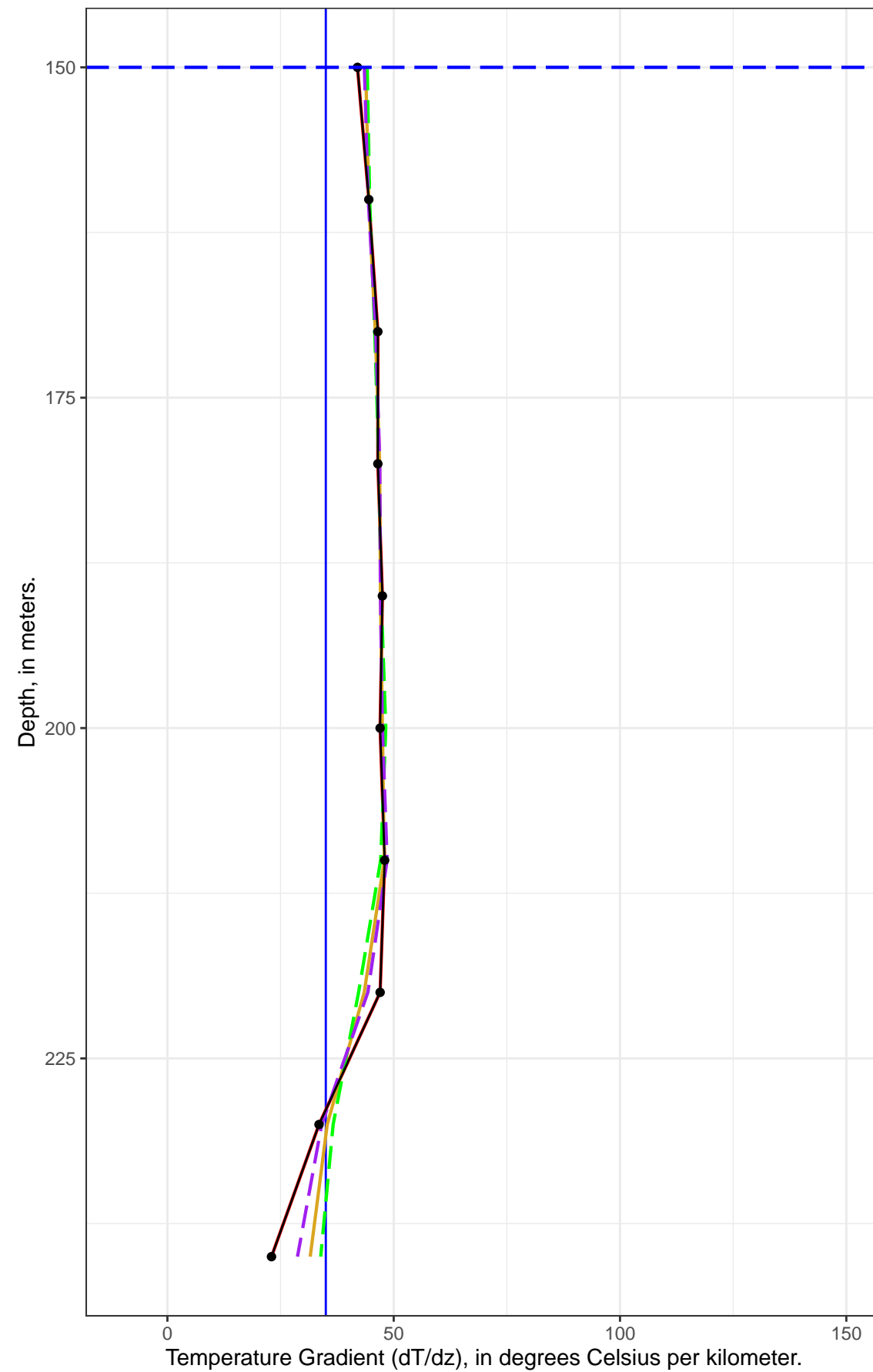


Citations for smoothing methods provided in main text. LOESS in this case stands for 2nd-degree local regression.

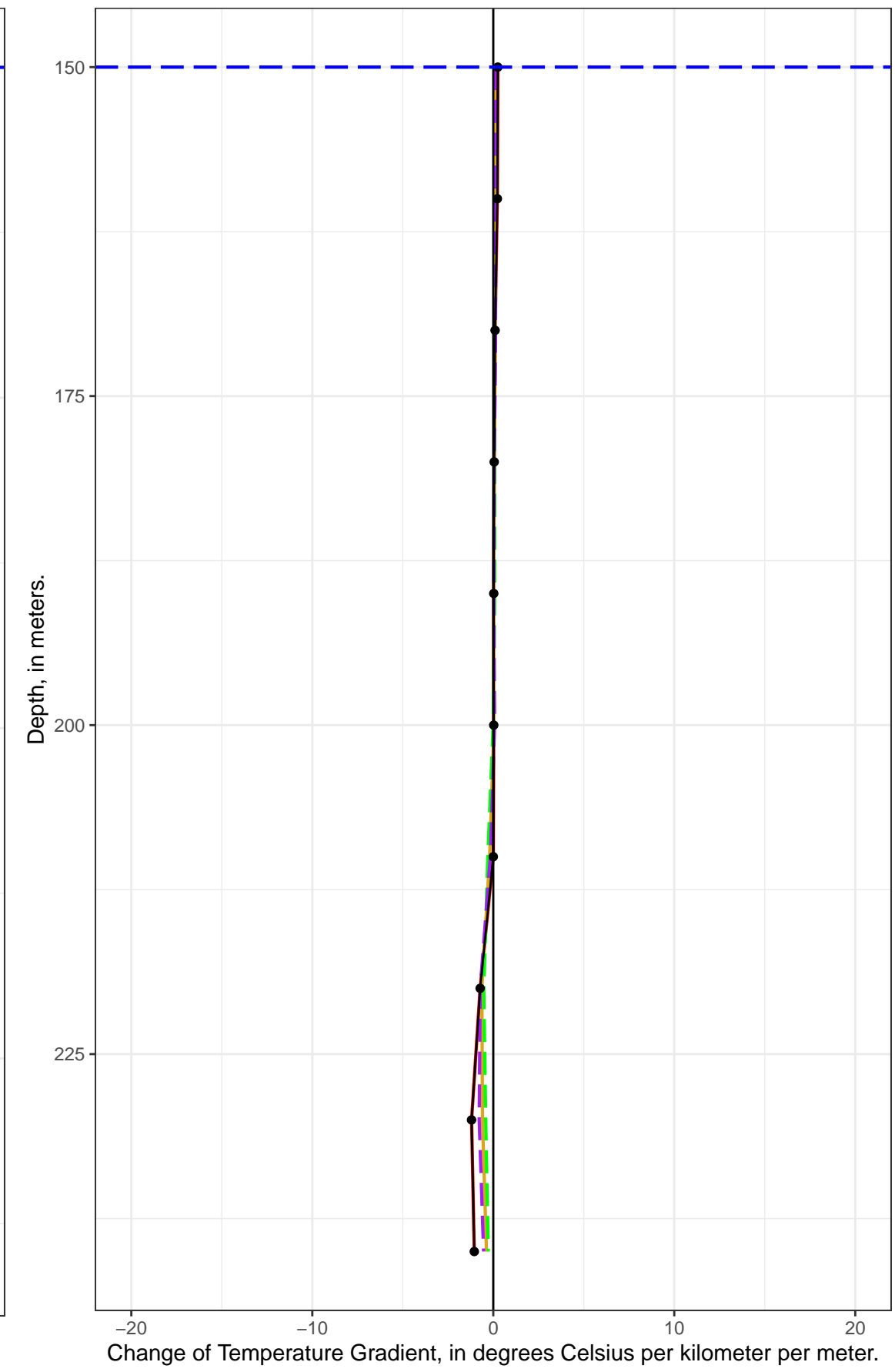
ID: 2 [Aden_Hills] Smoothed Profile



ID: 2 [Aden_Hills] First Derivative



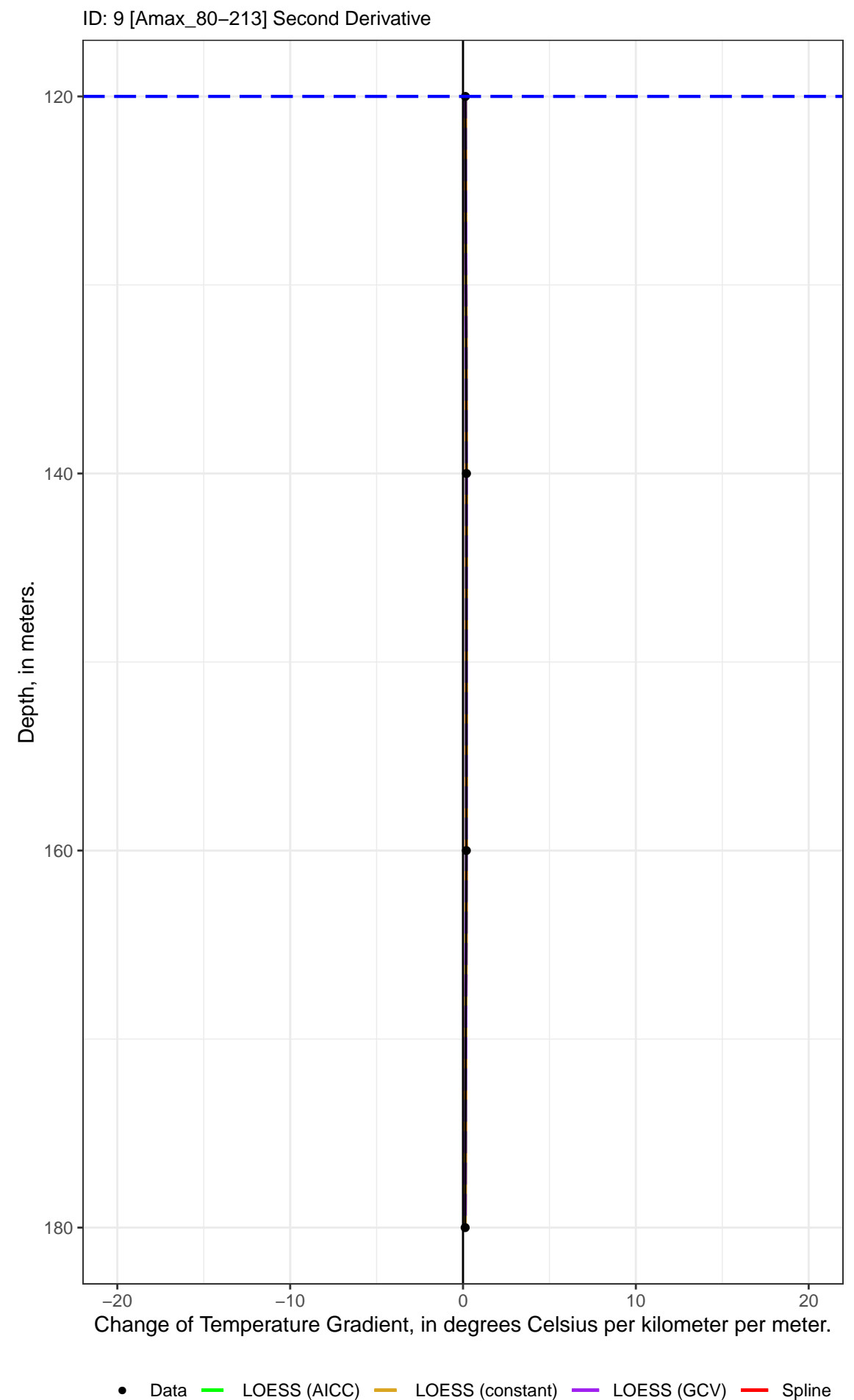
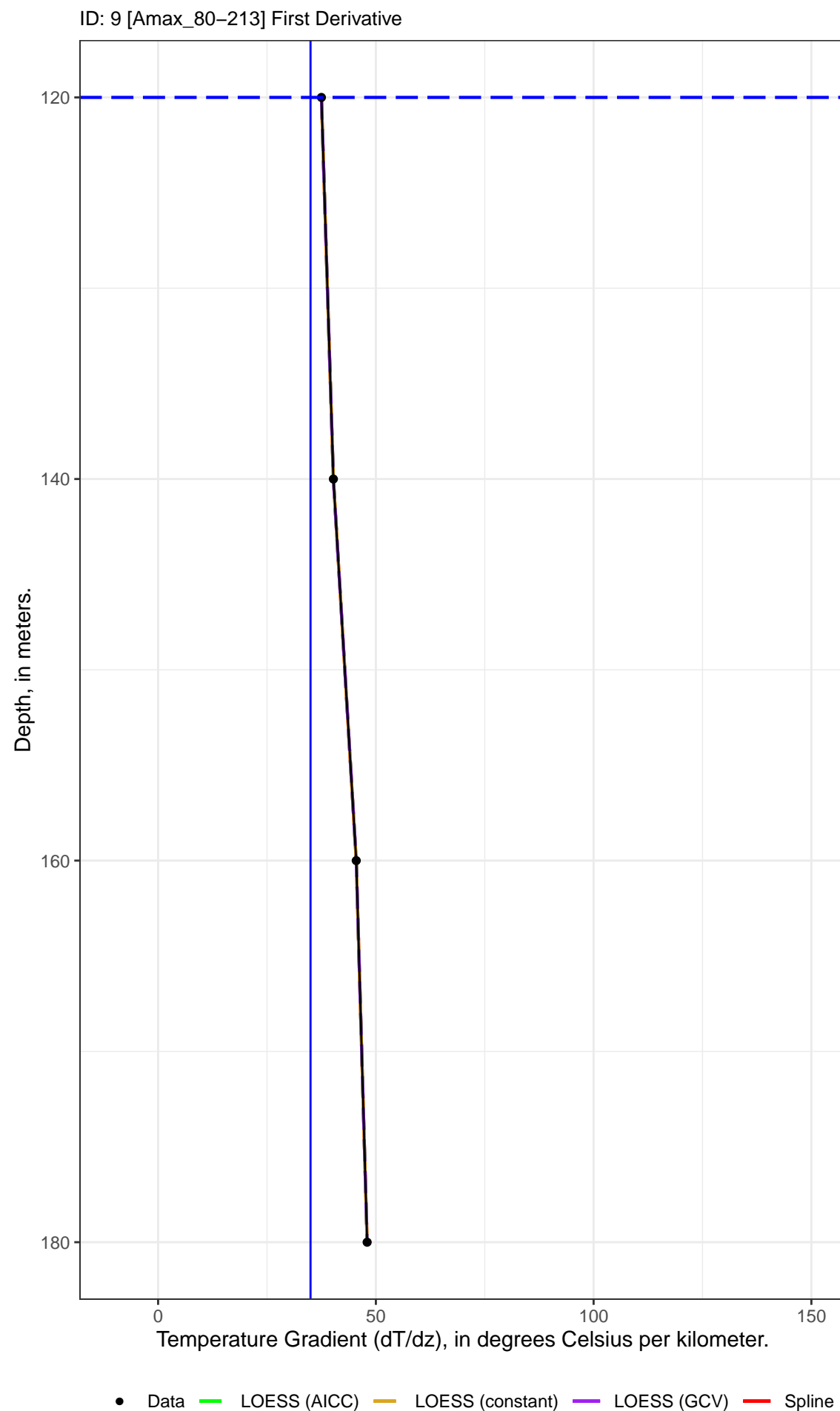
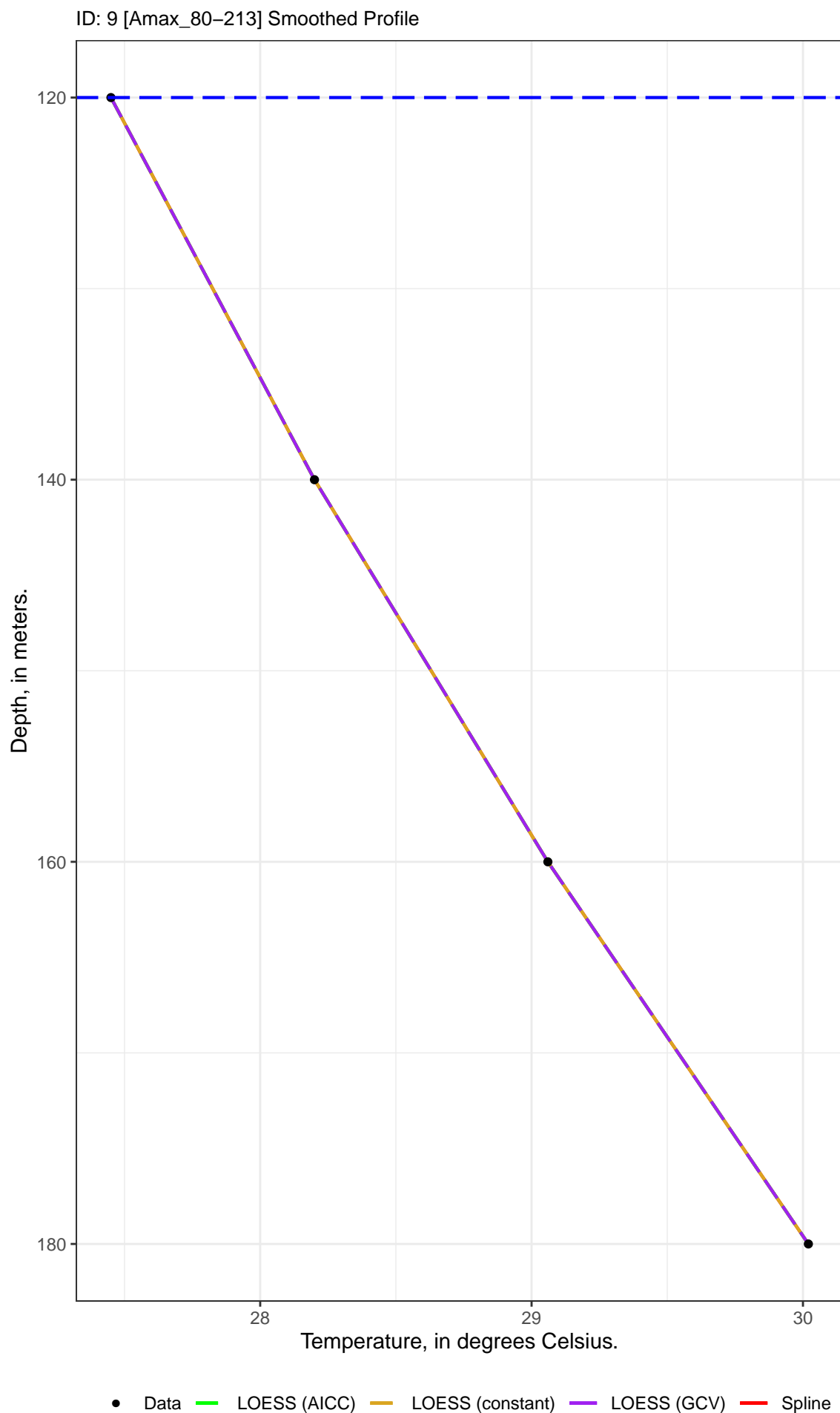
ID: 2 [Aden_Hills] Second Derivative



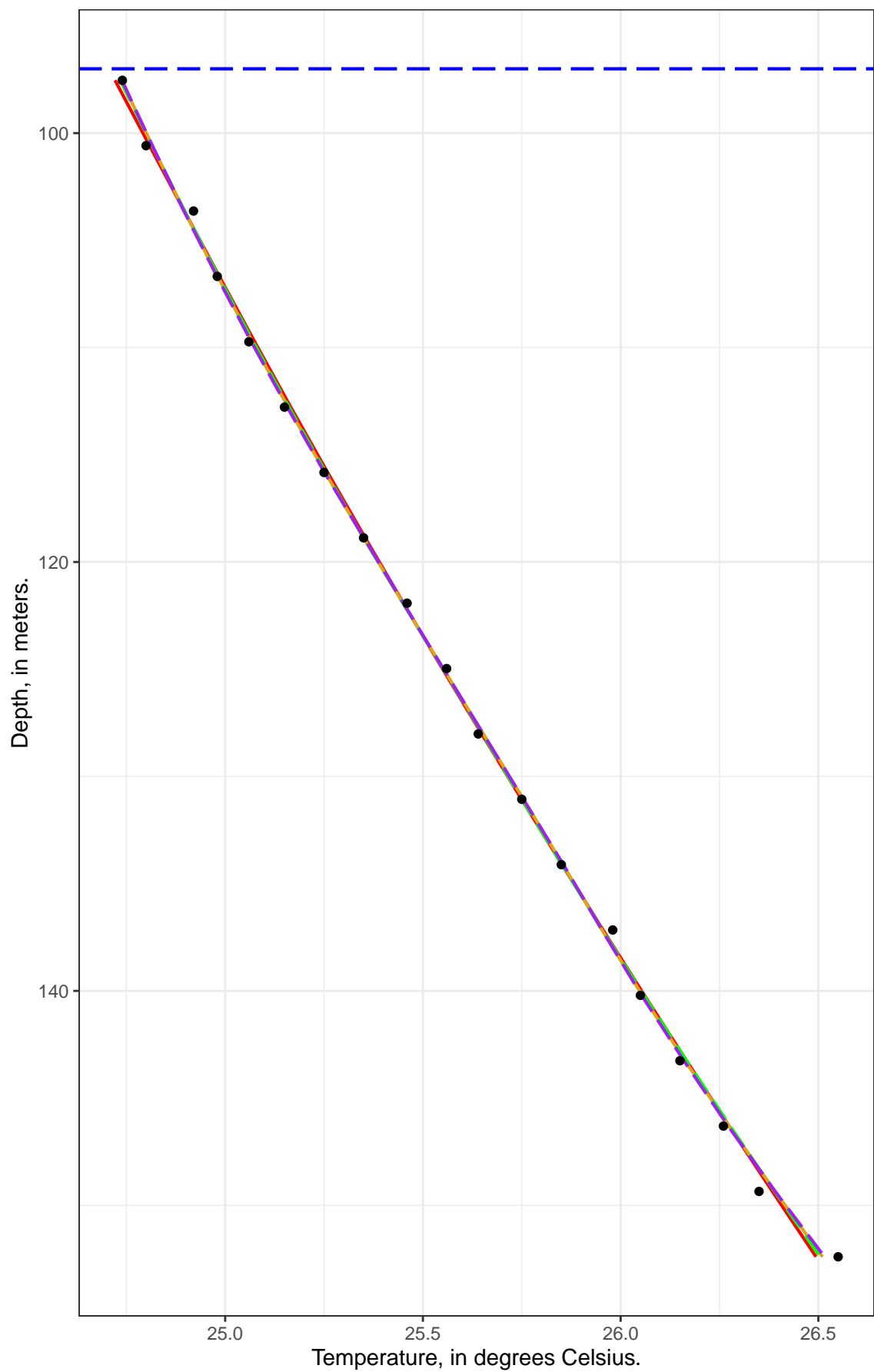
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

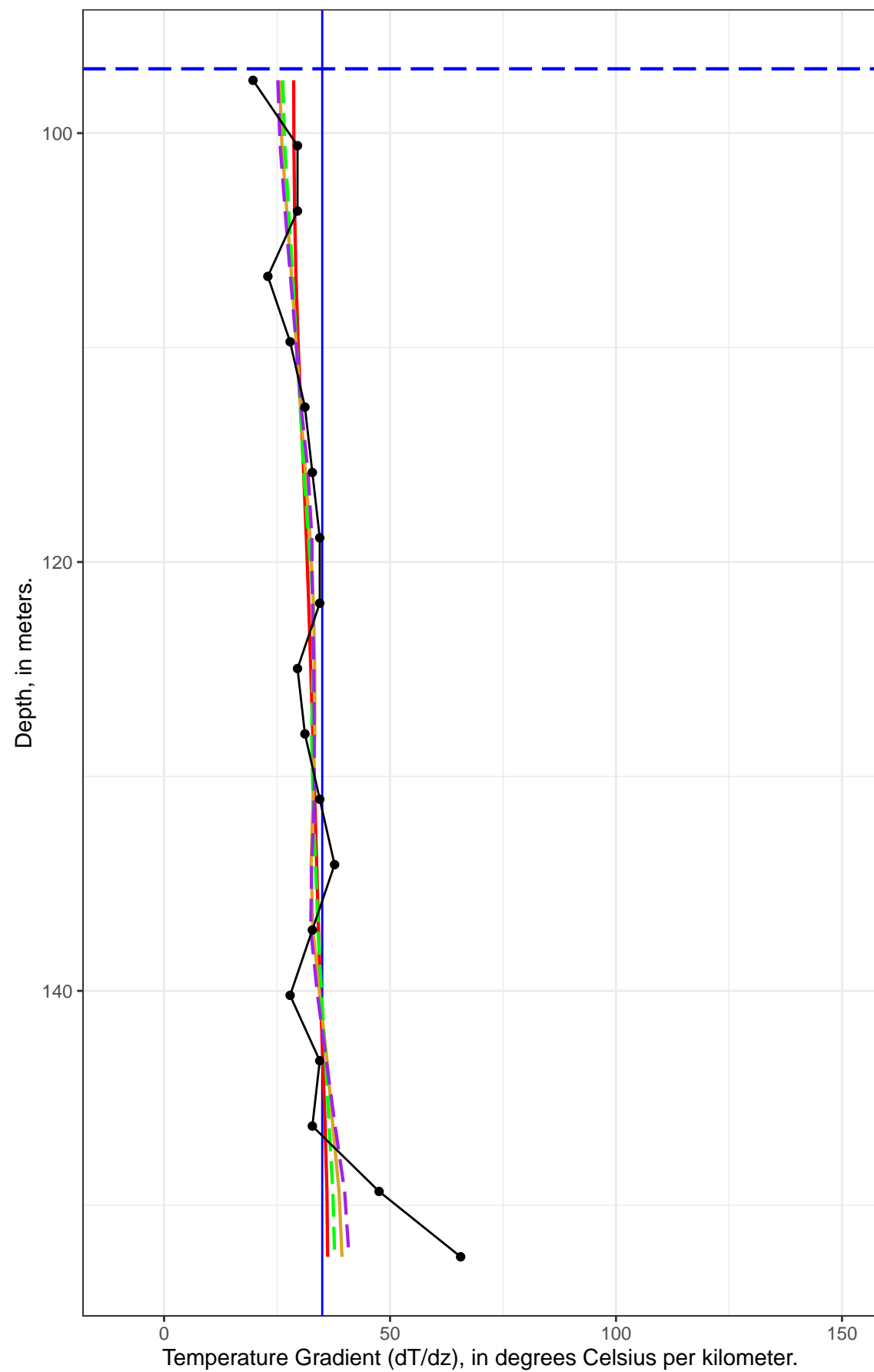


ID: 48 [ANKB-34_KILBOURNE_HOLE] Smoothed Profile



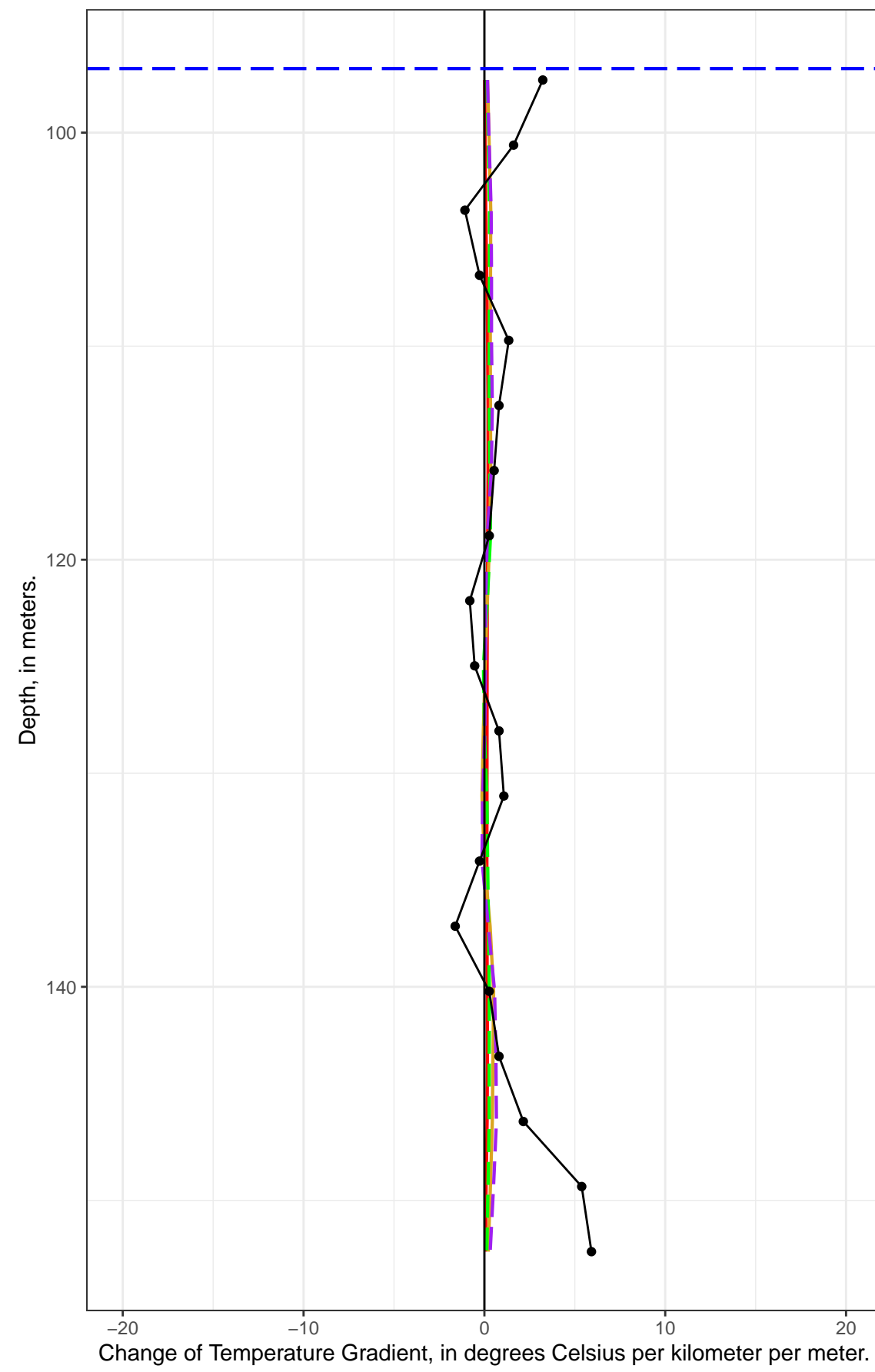
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 48 [ANKB-34_KILBOURNE_HOLE] First Derivative



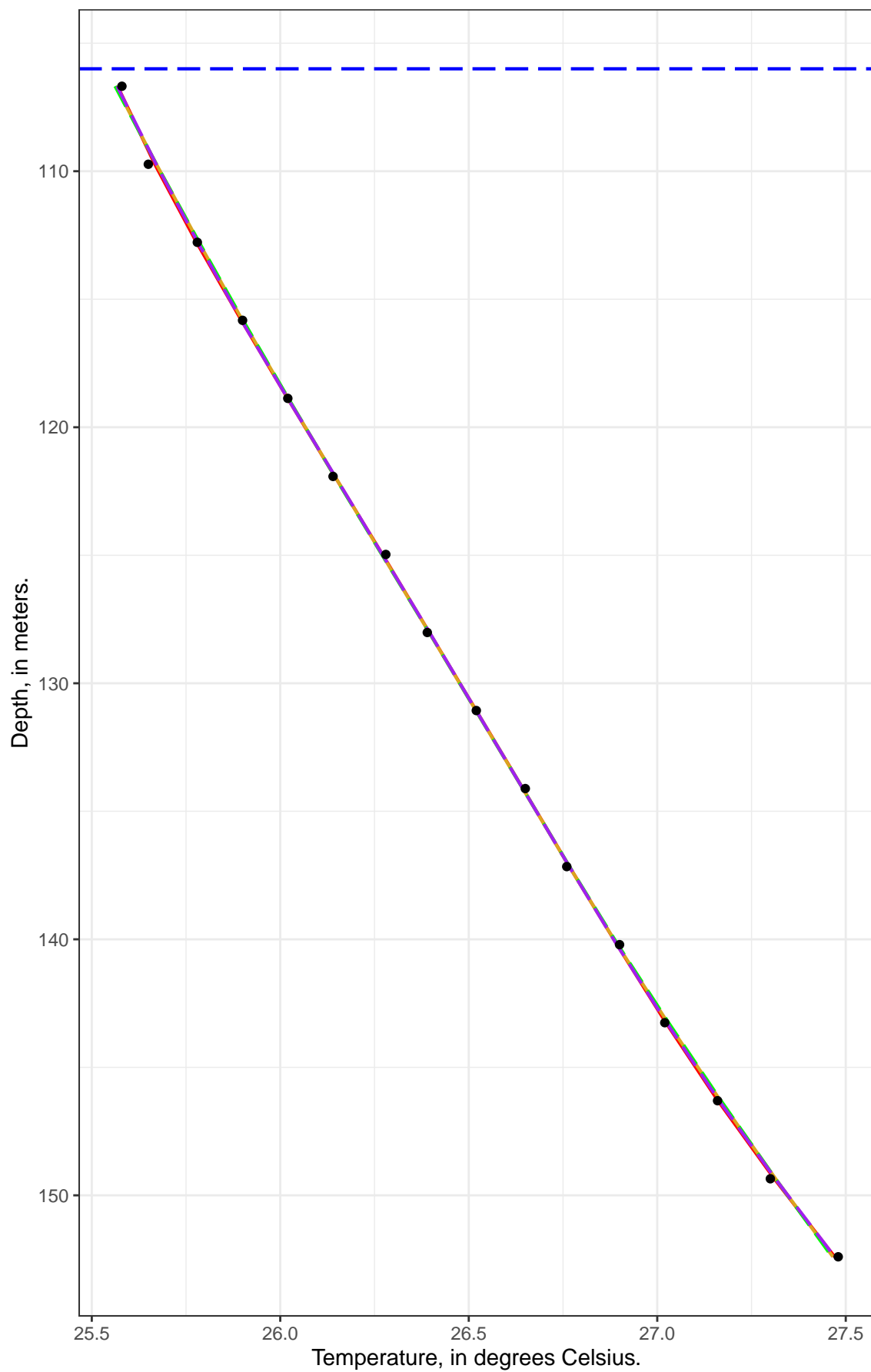
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 48 [ANKB-34_KILBOURNE_HOLE] Second Derivative

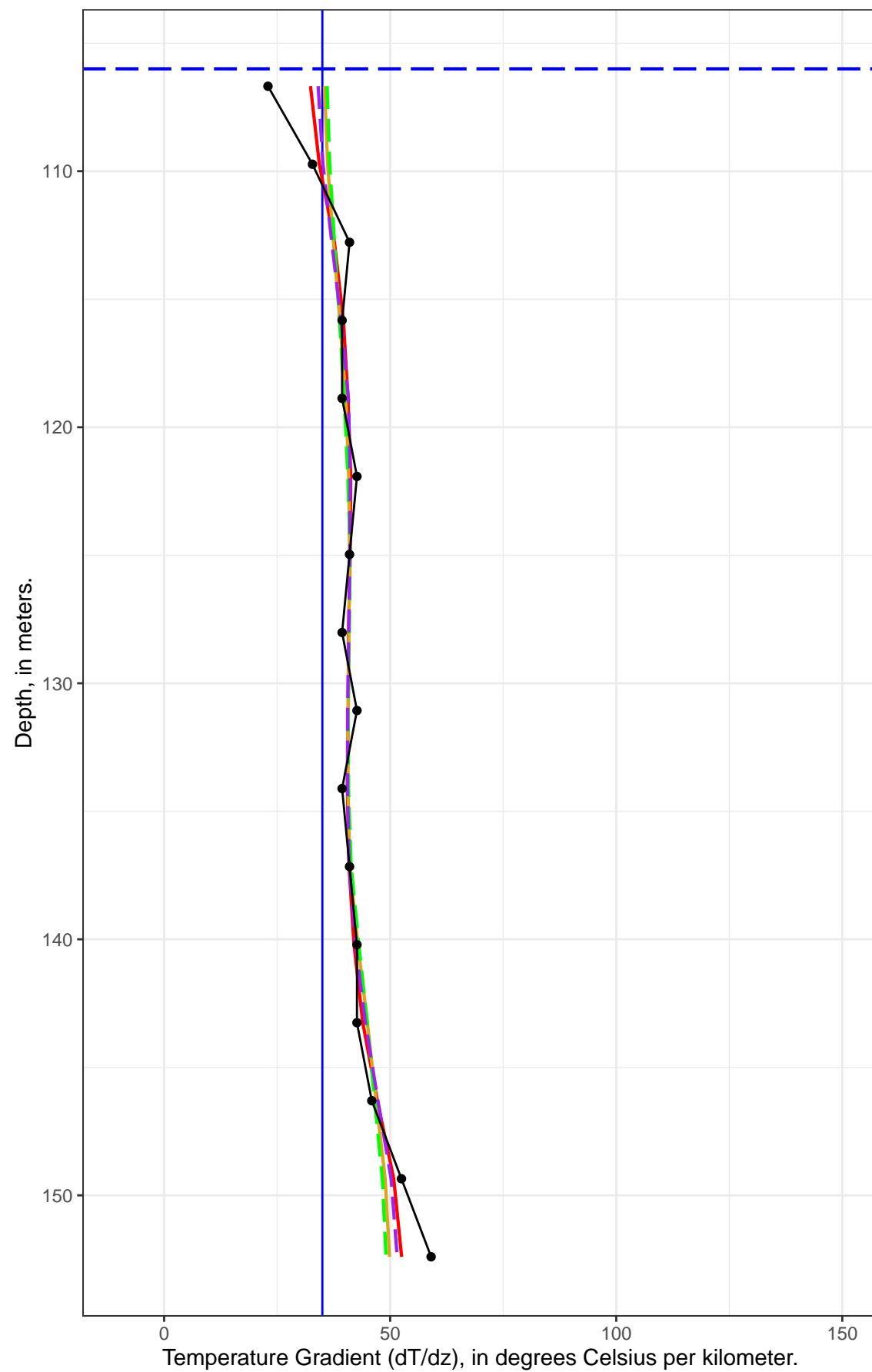


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

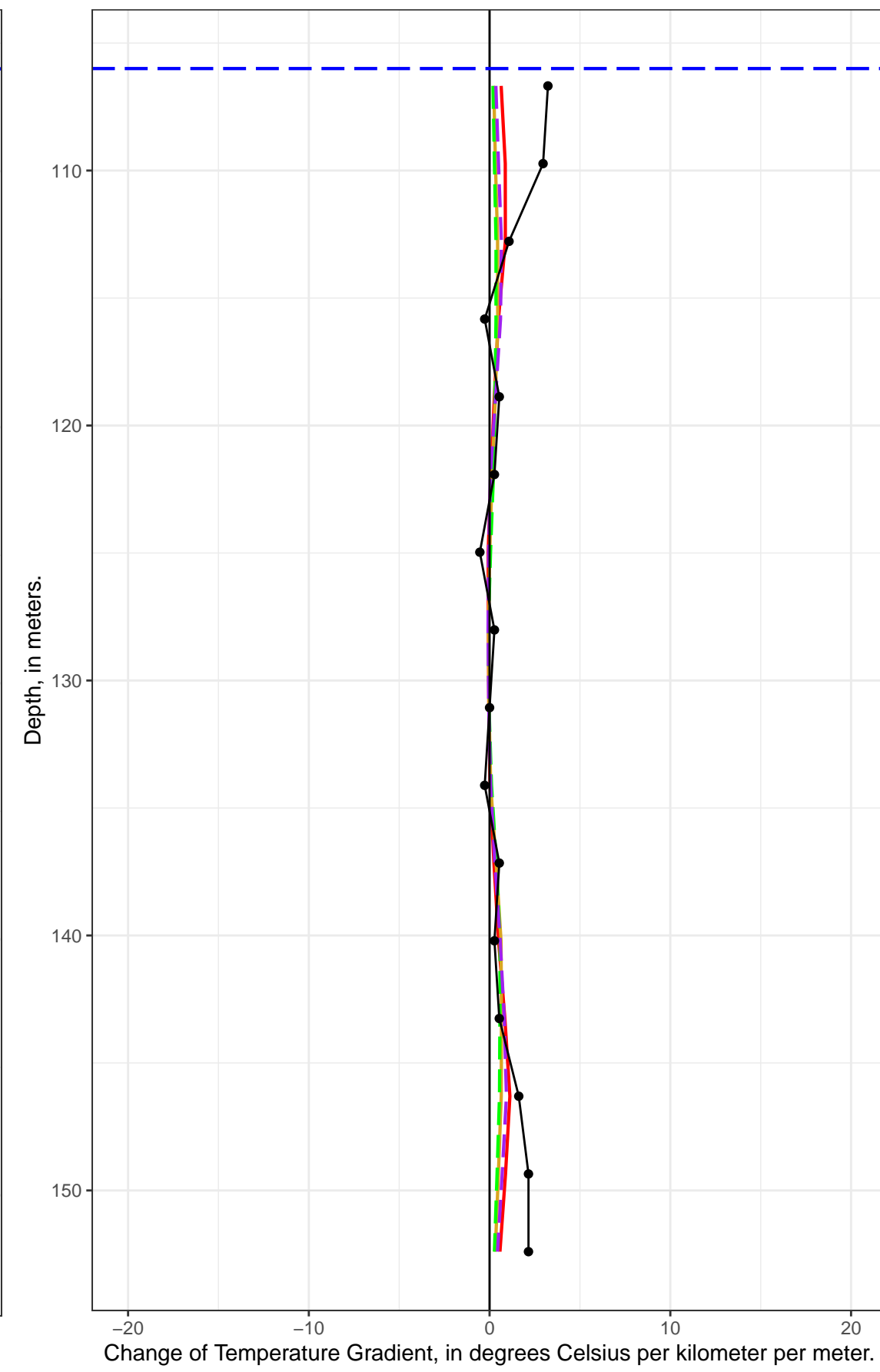
ID: 49 [ANKB-35_KILBOURNE_HOLE] Smoothed Profile



ID: 49 [ANKB-35_KILBOURNE_HOLE] First Derivative



ID: 49 [ANKB-35_KILBOURNE_HOLE] Second Derivative

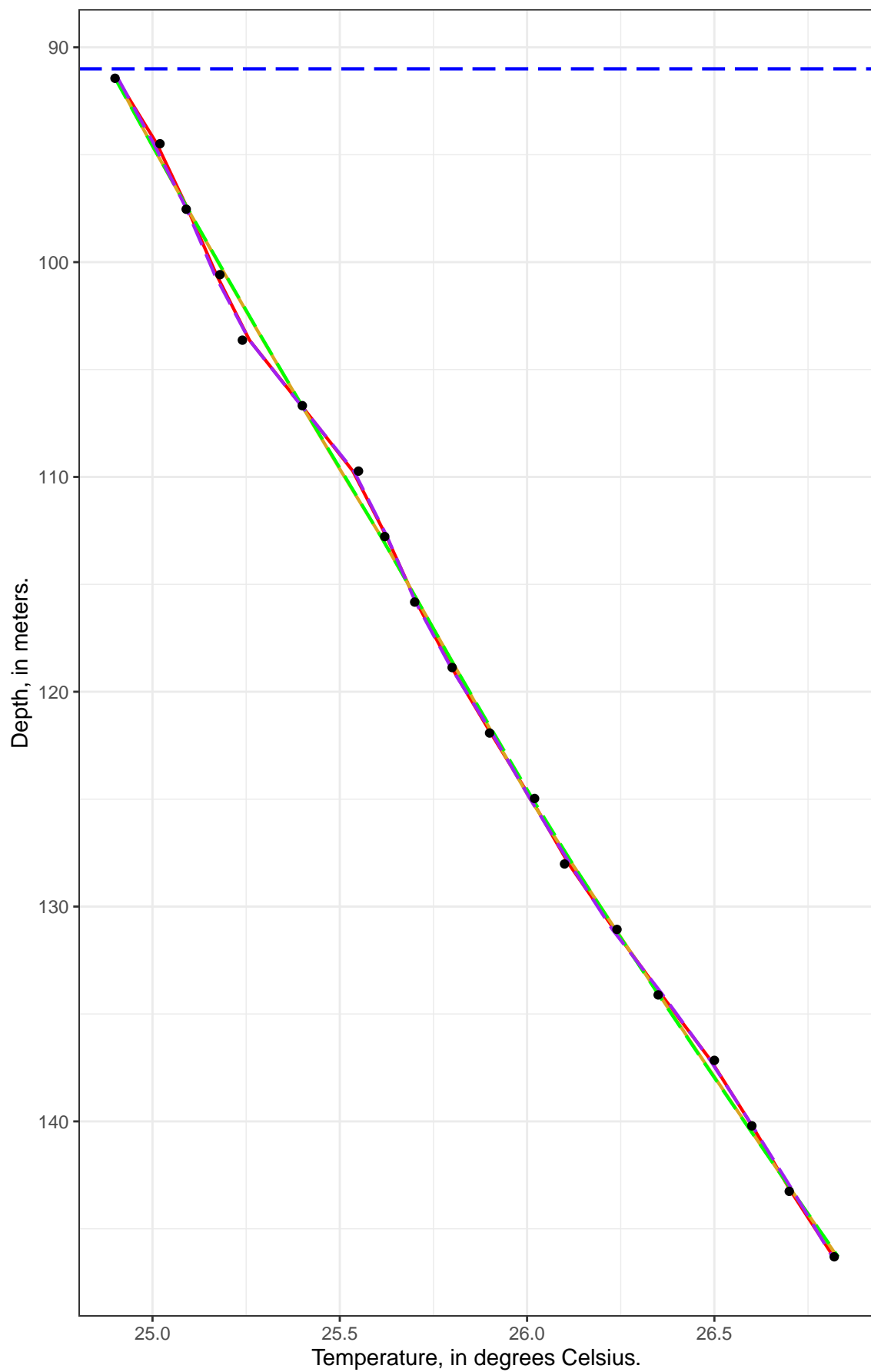


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

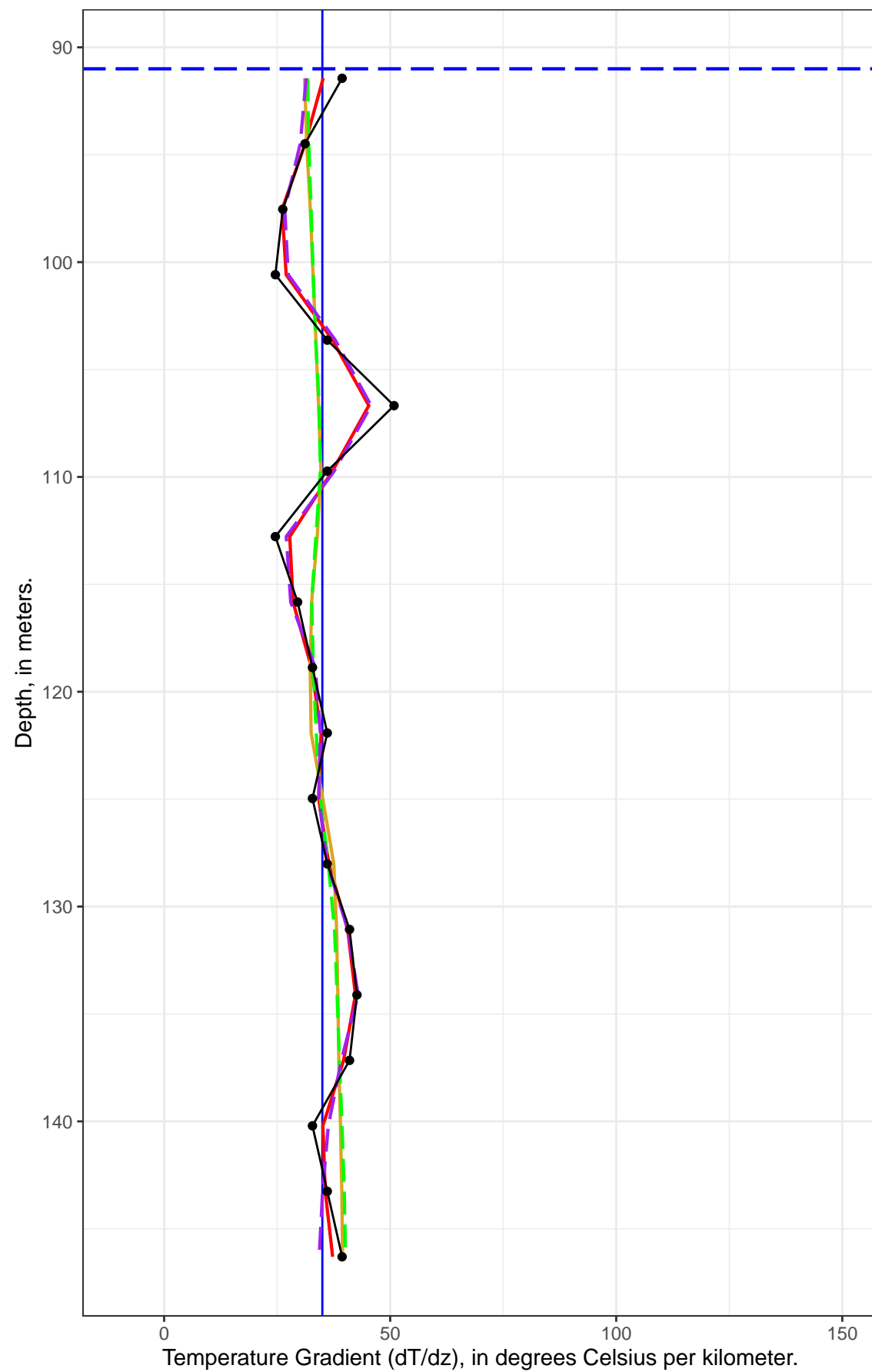
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

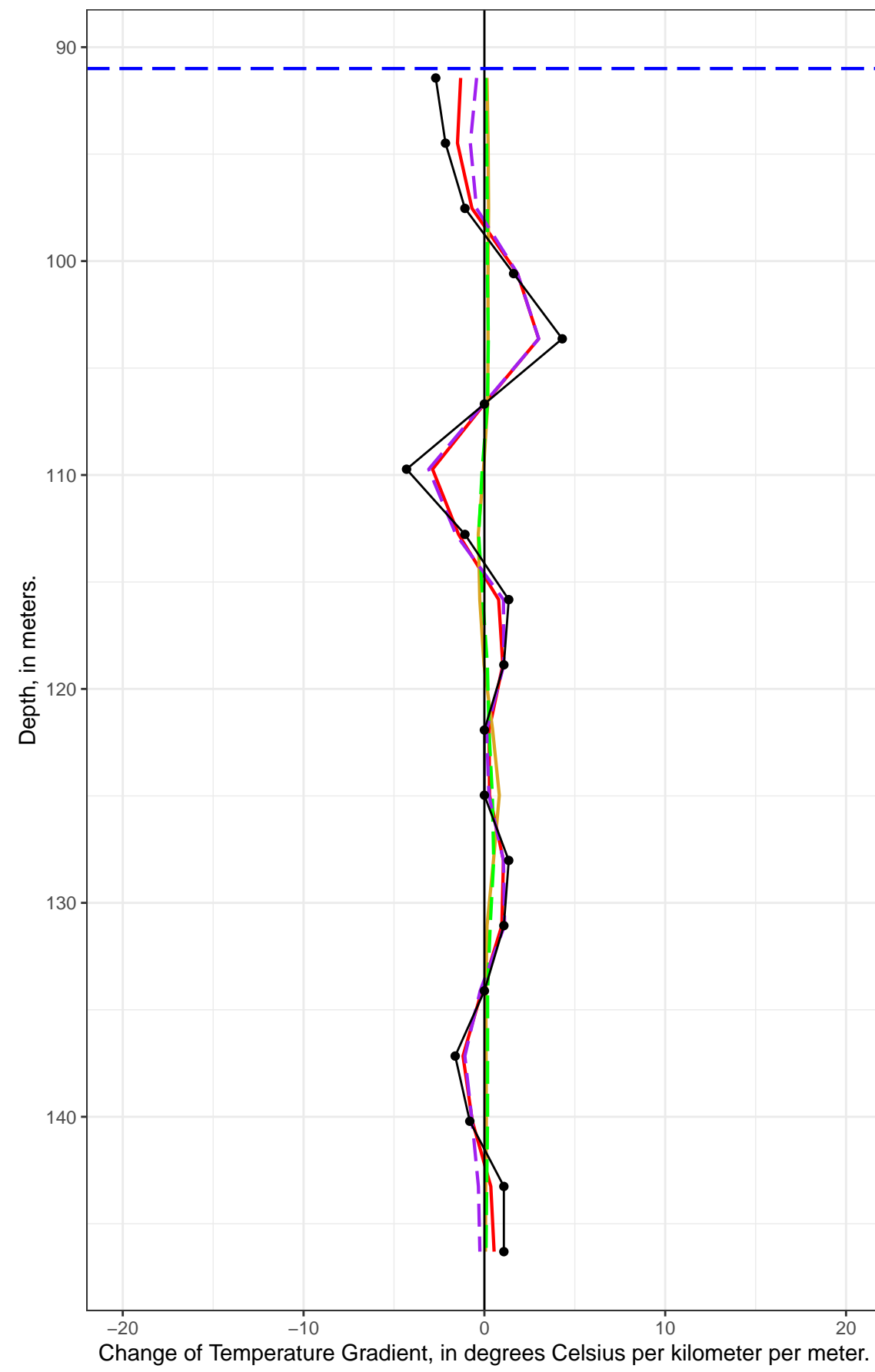
ID: 50 [ANKB-36_KILBOURNE_HOLE] Smoothed Profile



ID: 50 [ANKB-36_KILBOURNE_HOLE] First Derivative



ID: 50 [ANKB-36_KILBOURNE_HOLE] Second Derivative

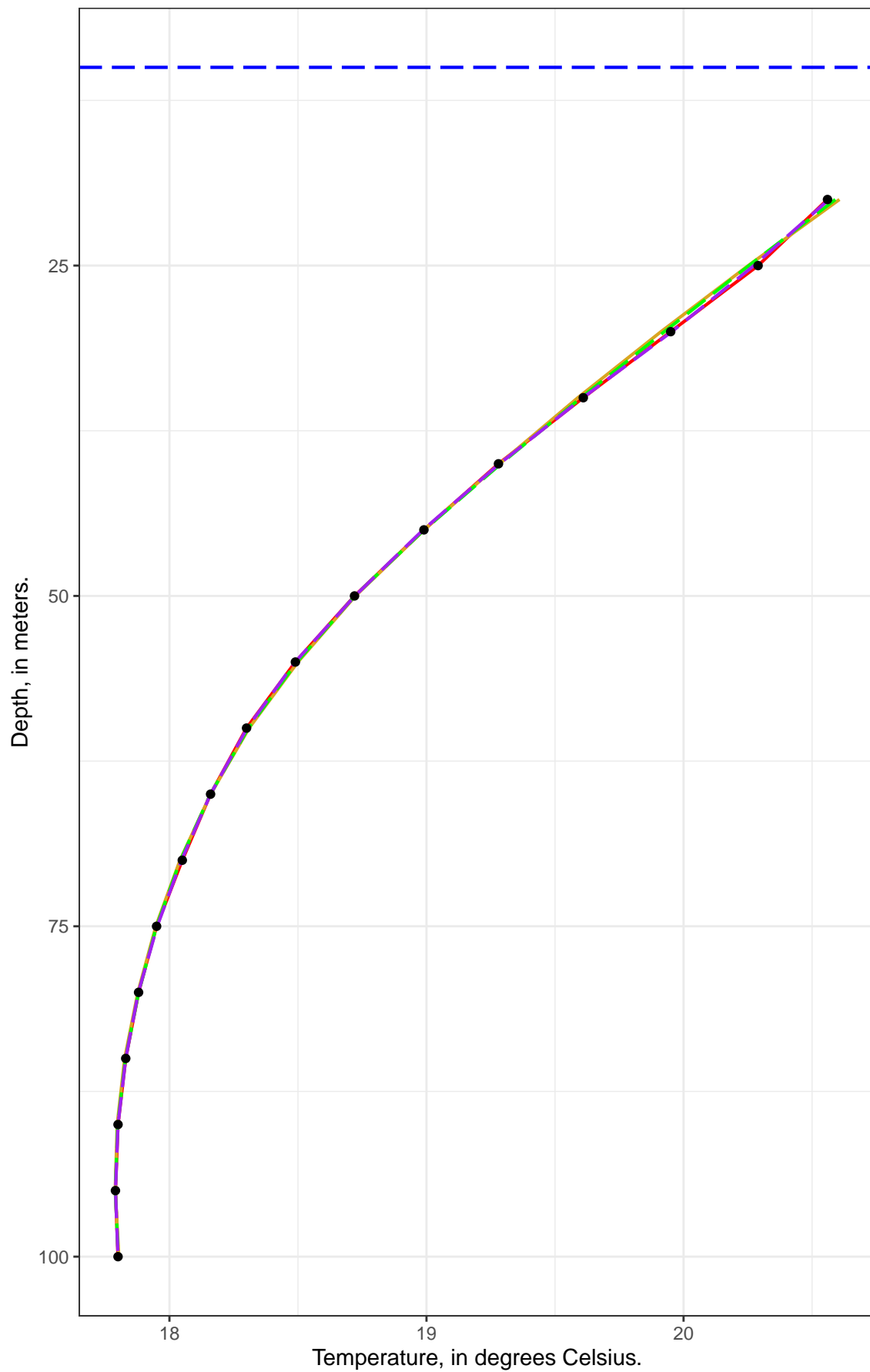


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

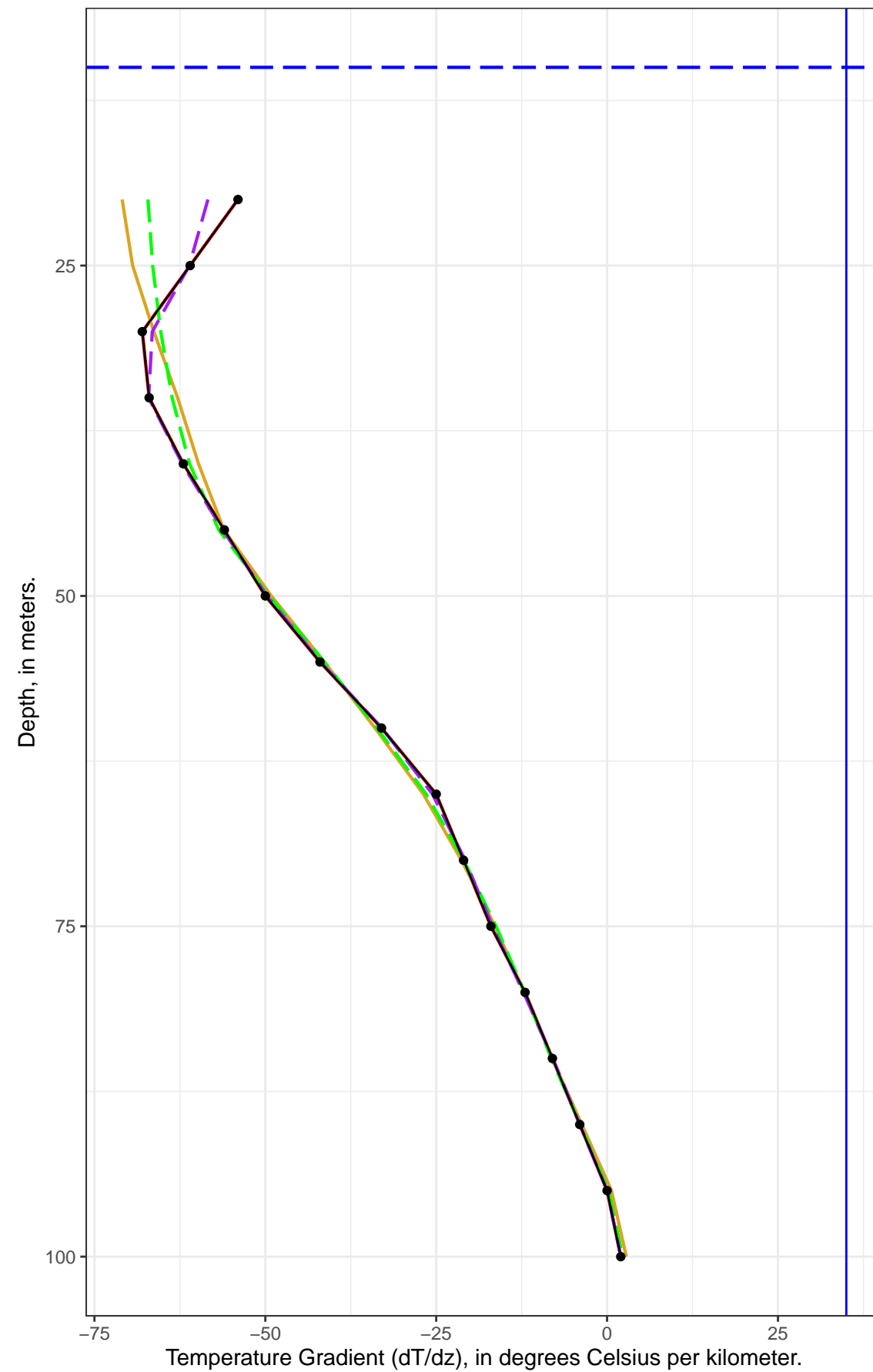
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

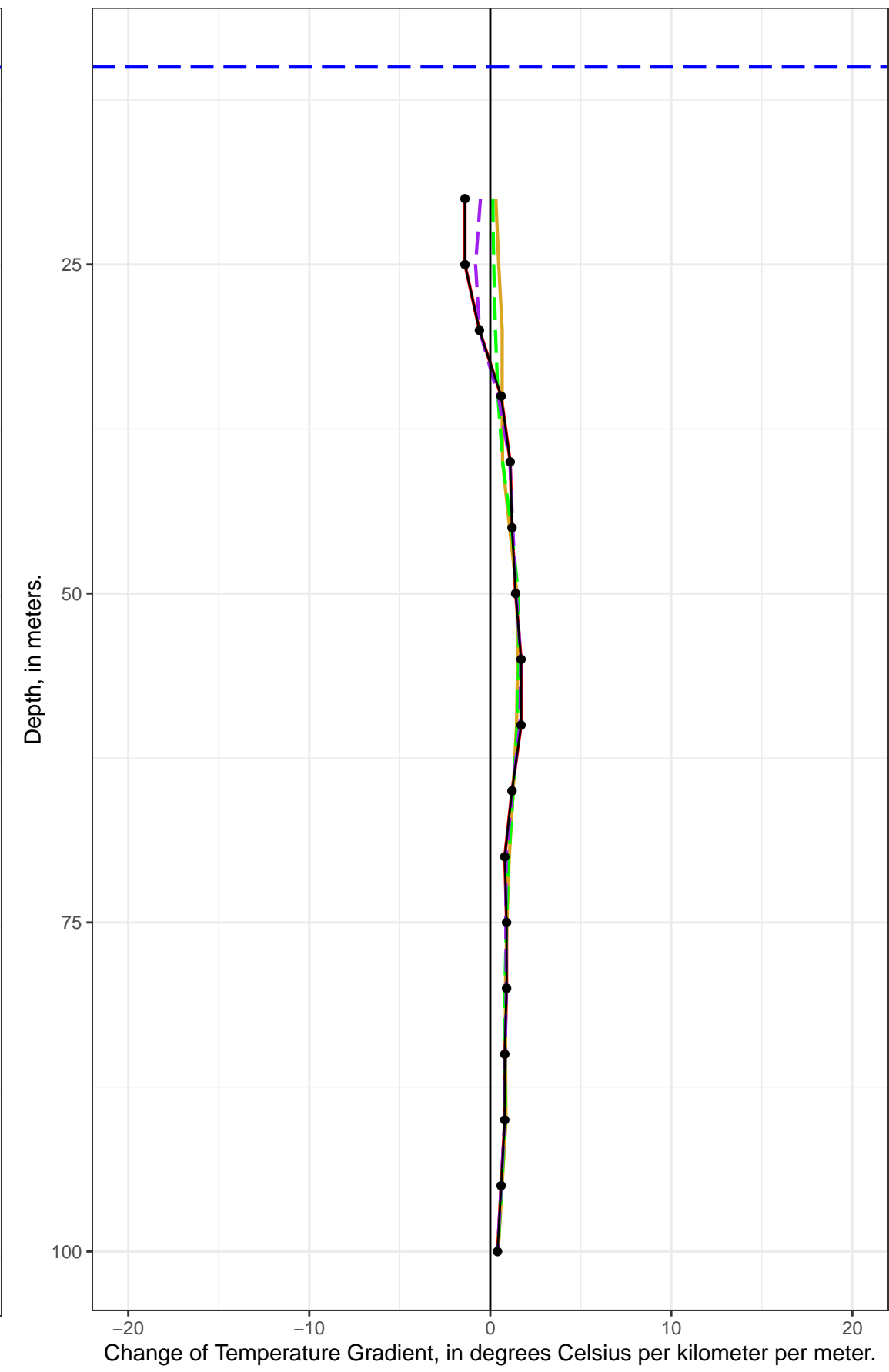
ID: 56 [DA-14] Smoothed Profile



ID: 56 [DA-14] First Derivative



ID: 56 [DA-14] Second Derivative

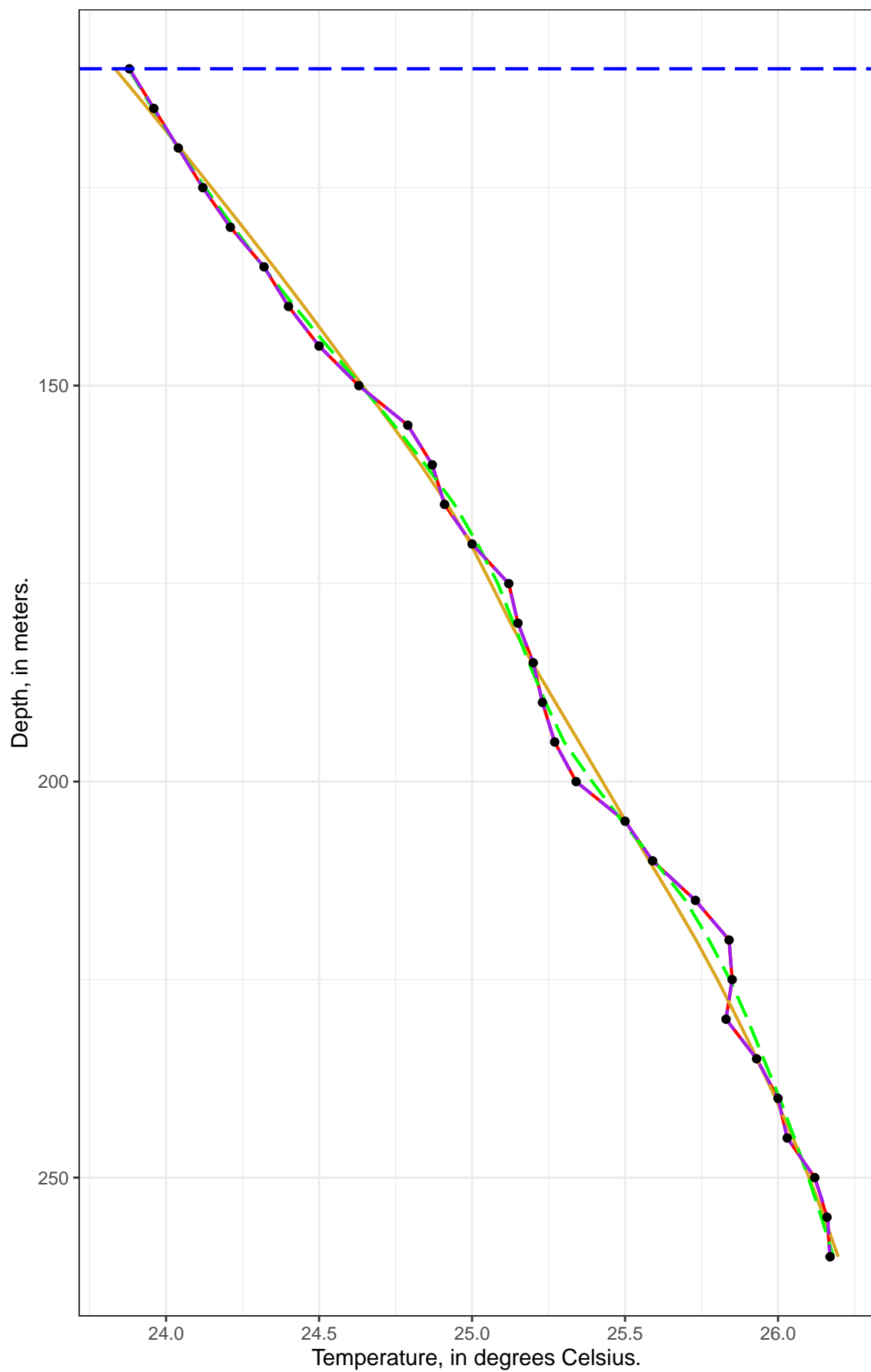


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

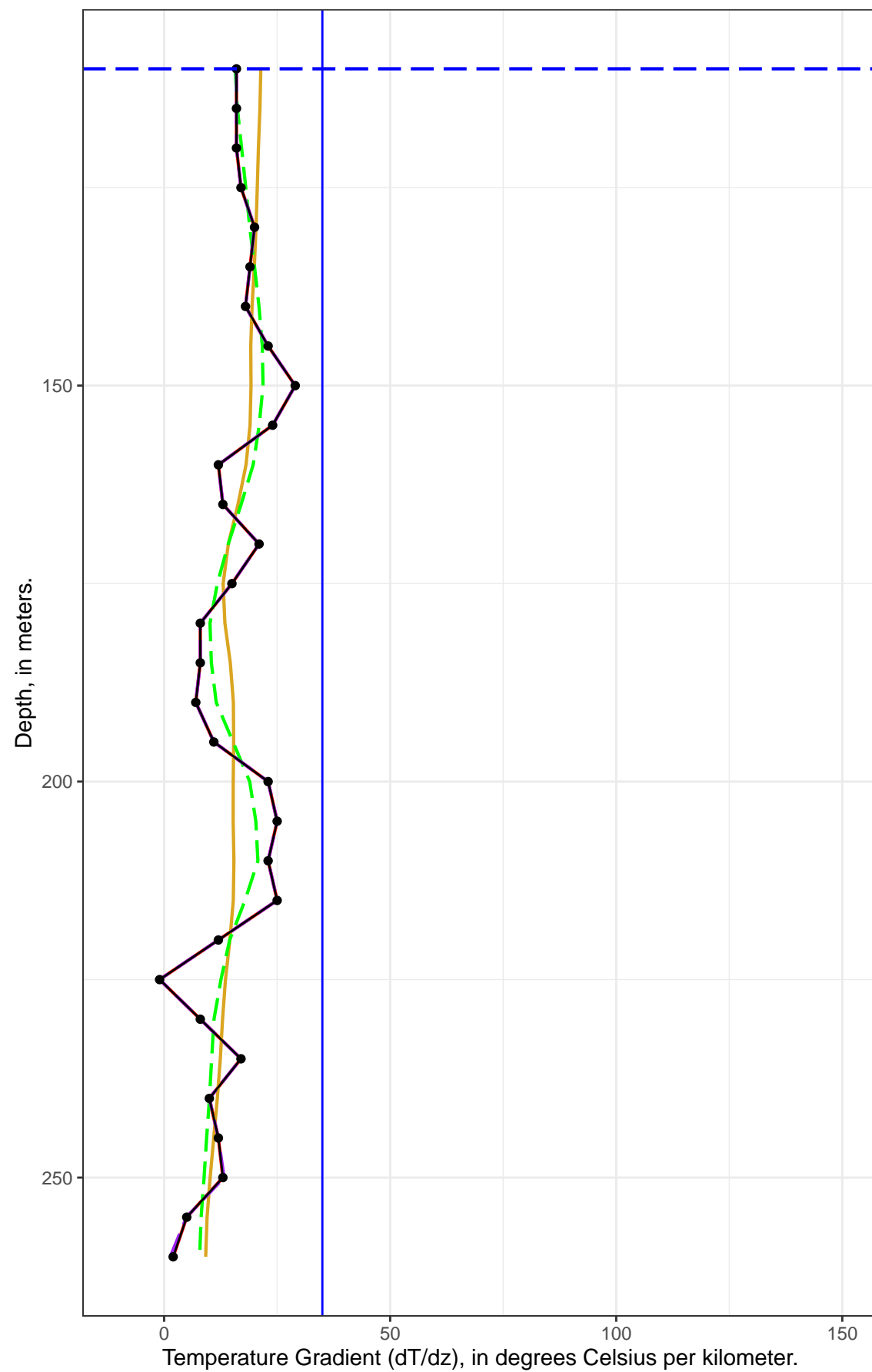
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

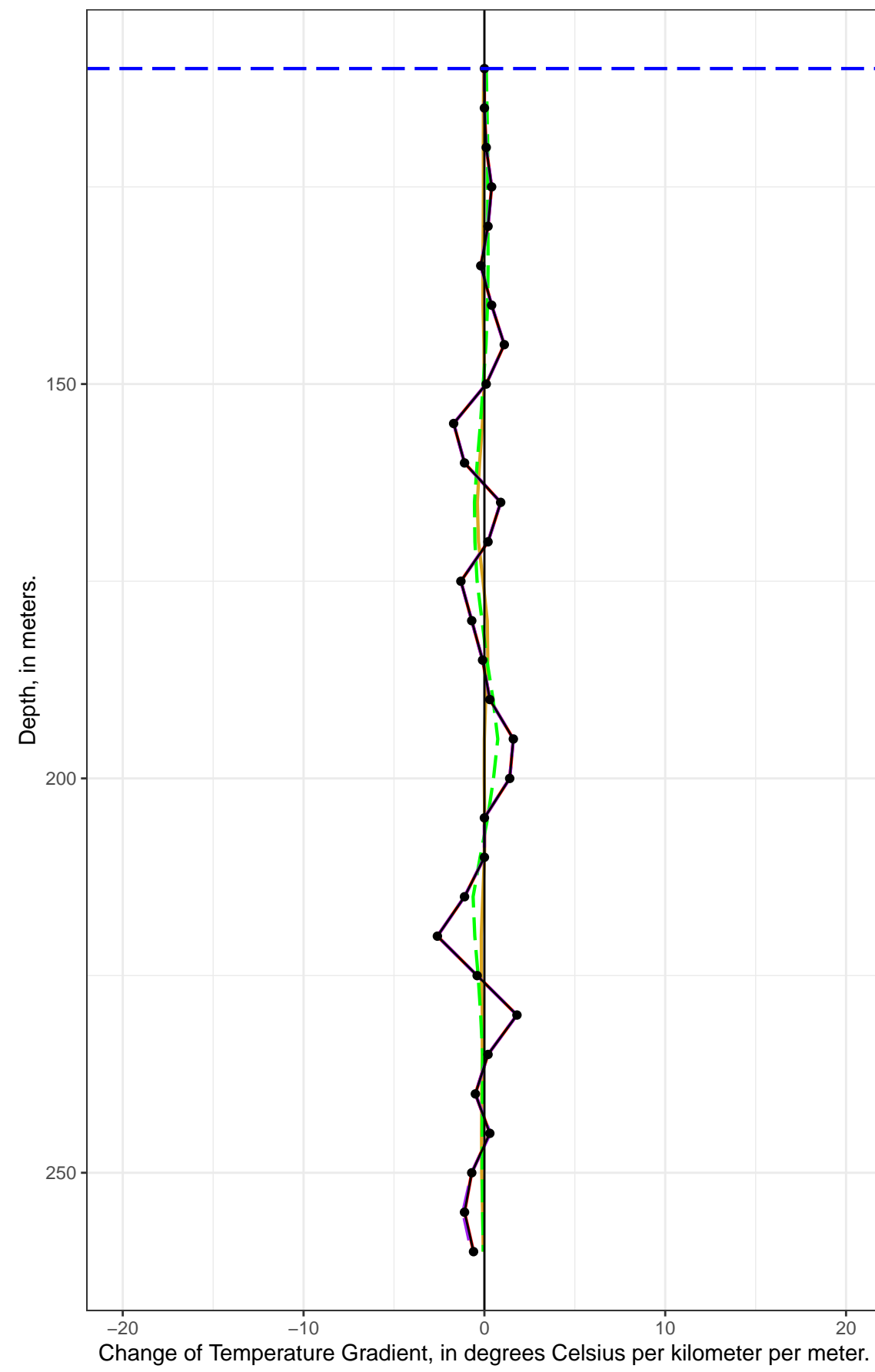
ID: 61 [DA-6] Smoothed Profile



ID: 61 [DA-6] First Derivative



ID: 61 [DA-6] Second Derivative

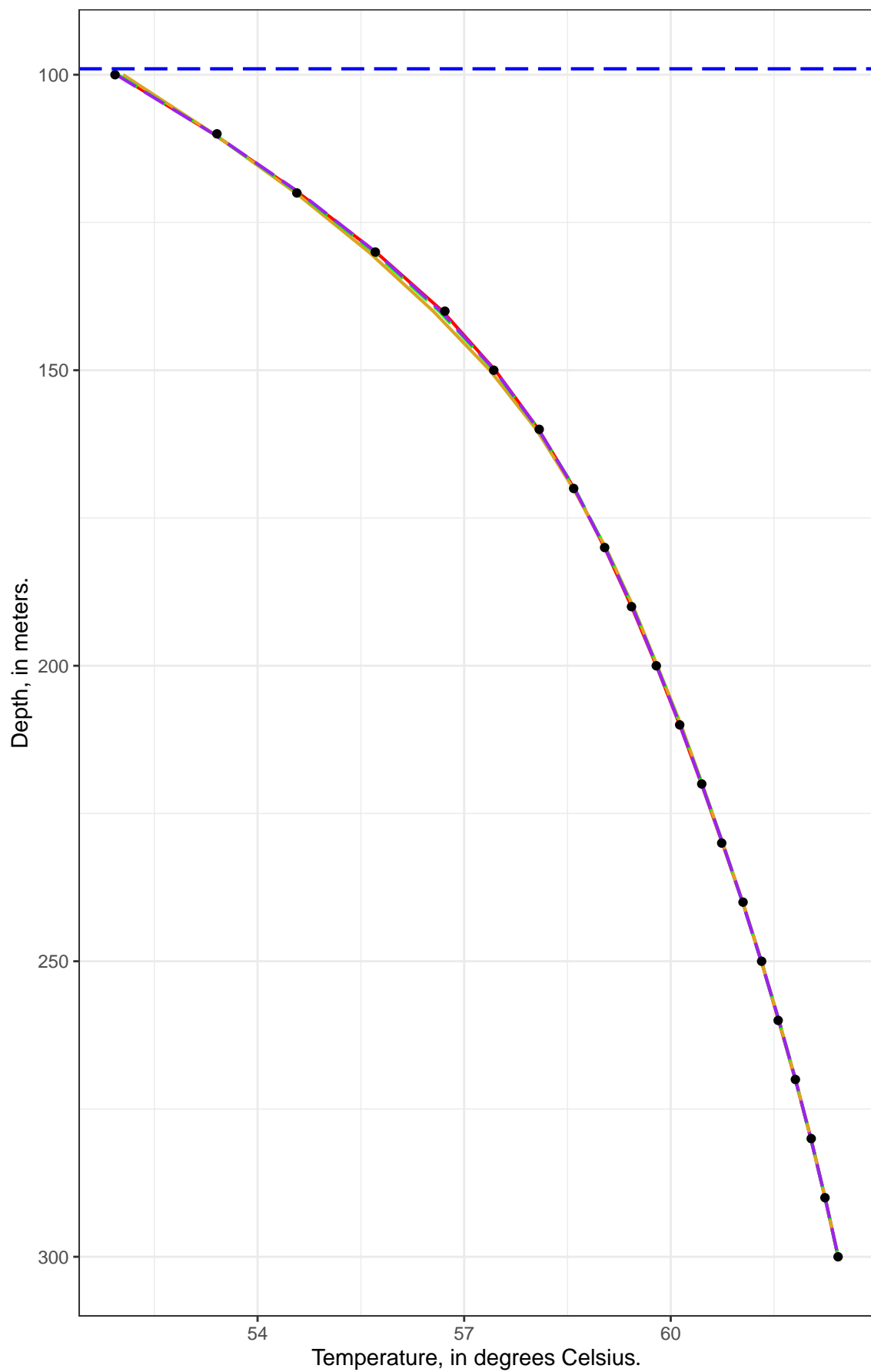


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

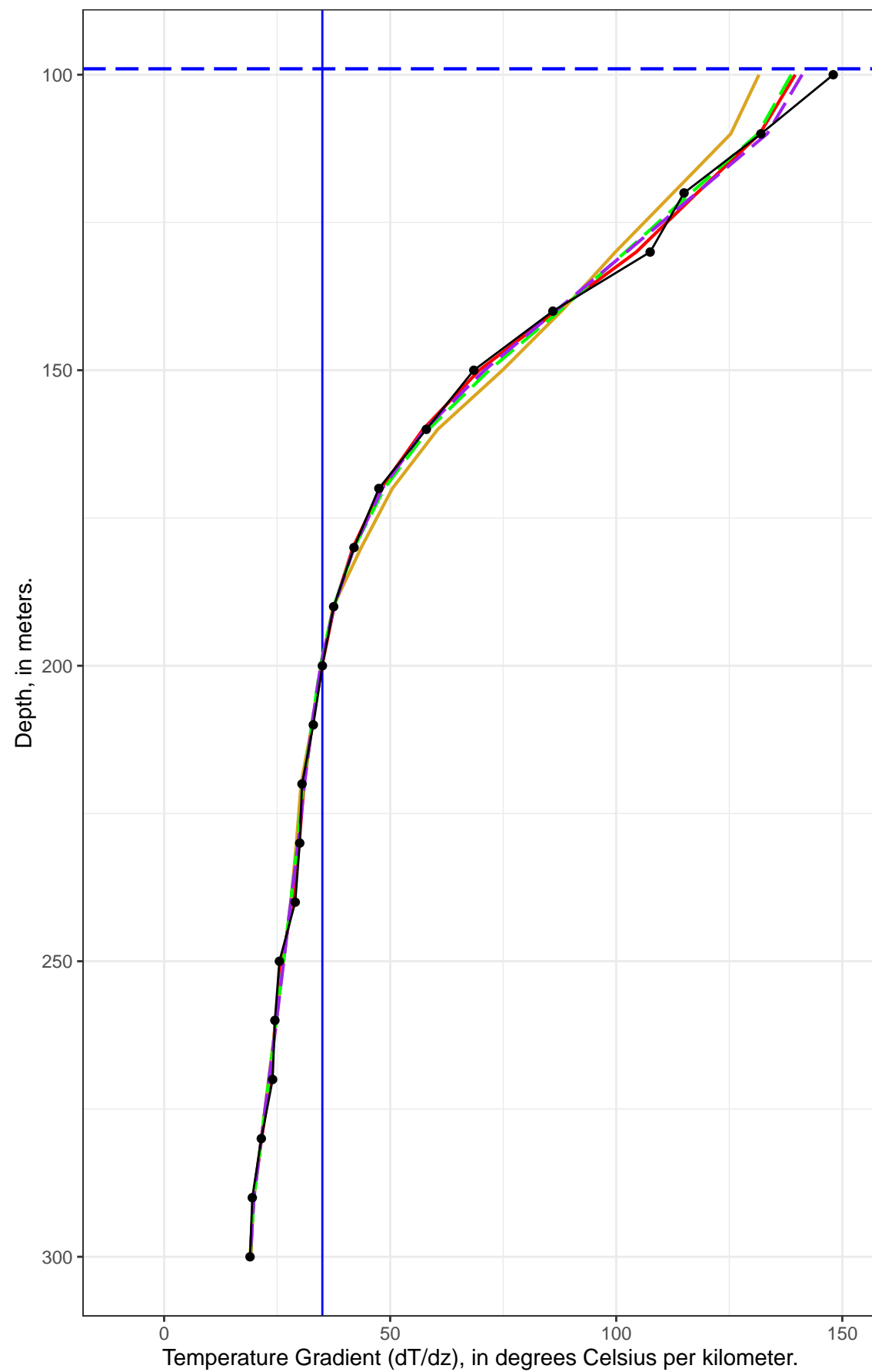
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

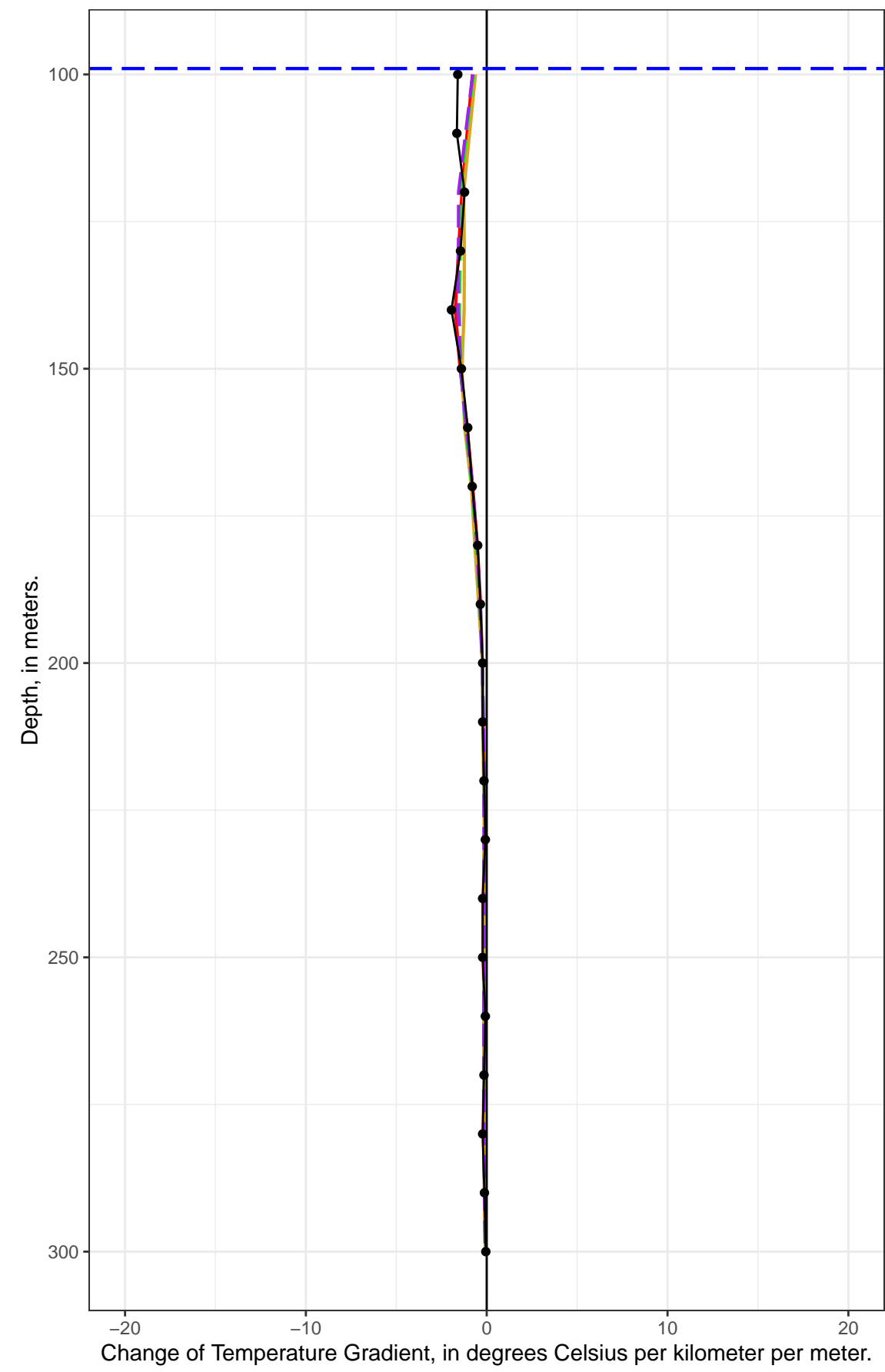
ID: 65 [DT-1_NMSU-DG-2] Smoothed Profile



ID: 65 [DT-1_NMSU-DG-2] First Derivative



ID: 65 [DT-1_NMSU-DG-2] Second Derivative

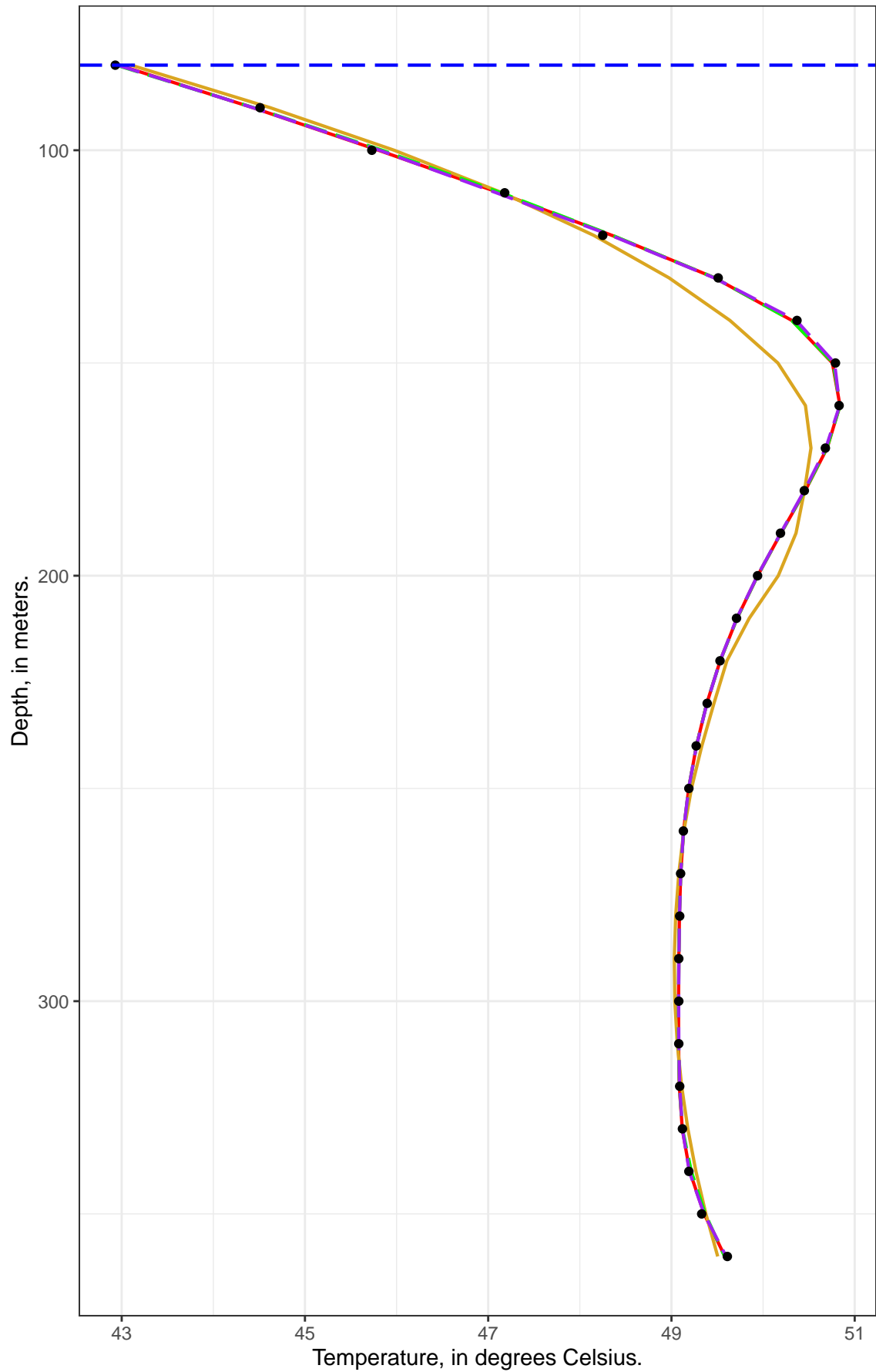


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

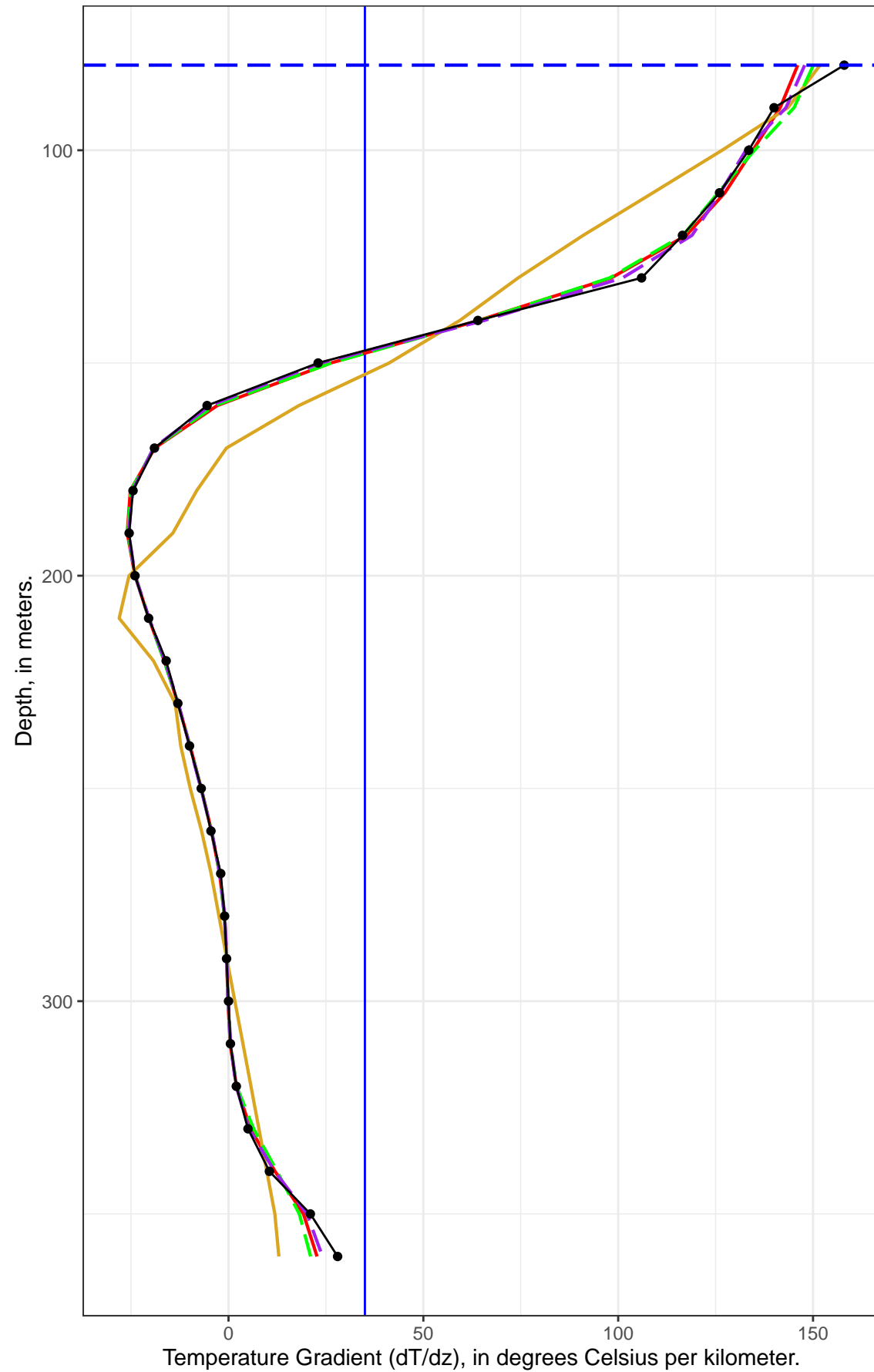
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

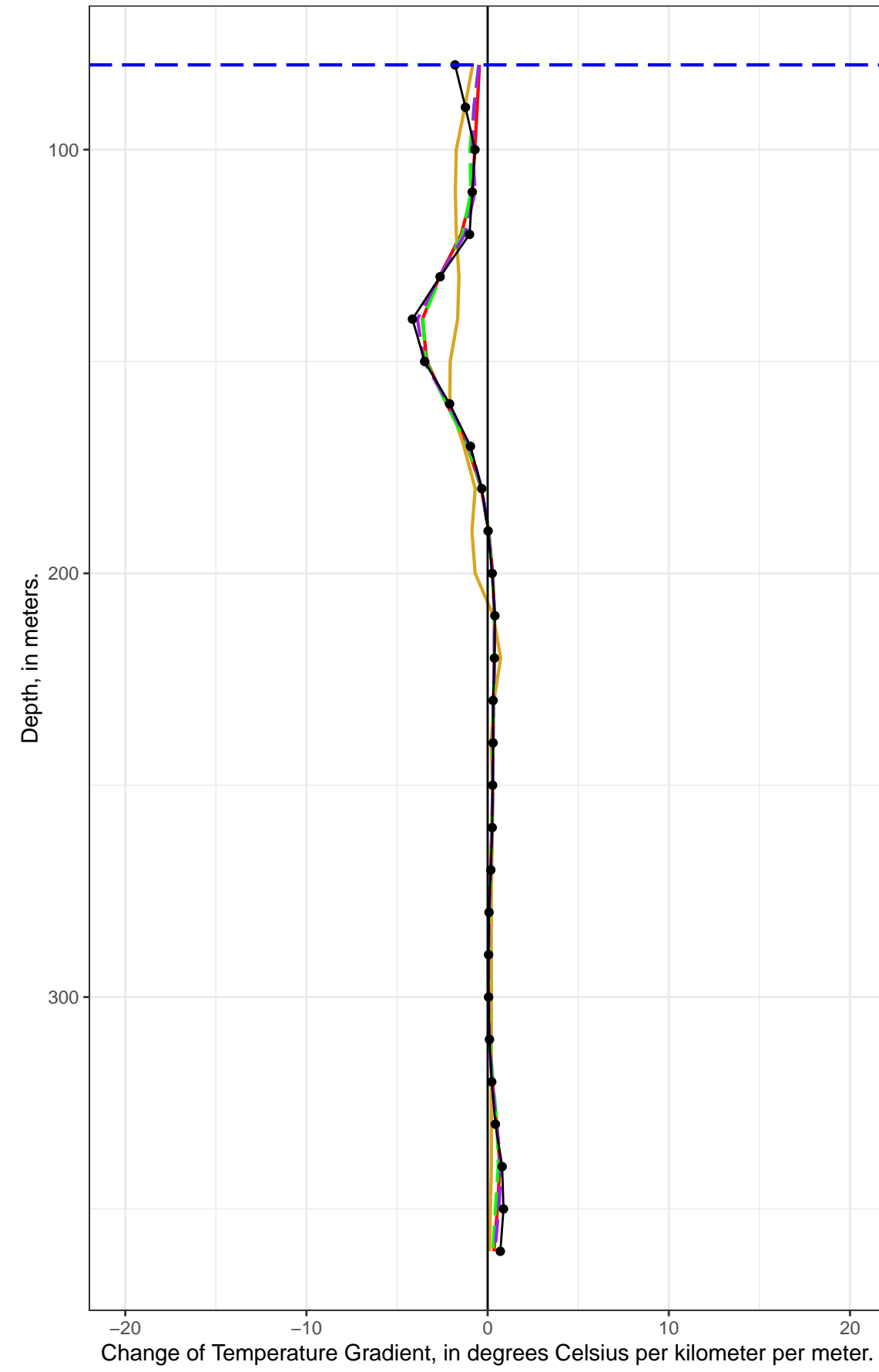
ID: 66 [DT-2_NMSU-DG-1] Smoothed Profile



ID: 66 [DT-2_NMSU-DG-1] First Derivative



ID: 66 [DT-2_NMSU-DG-1] Second Derivative

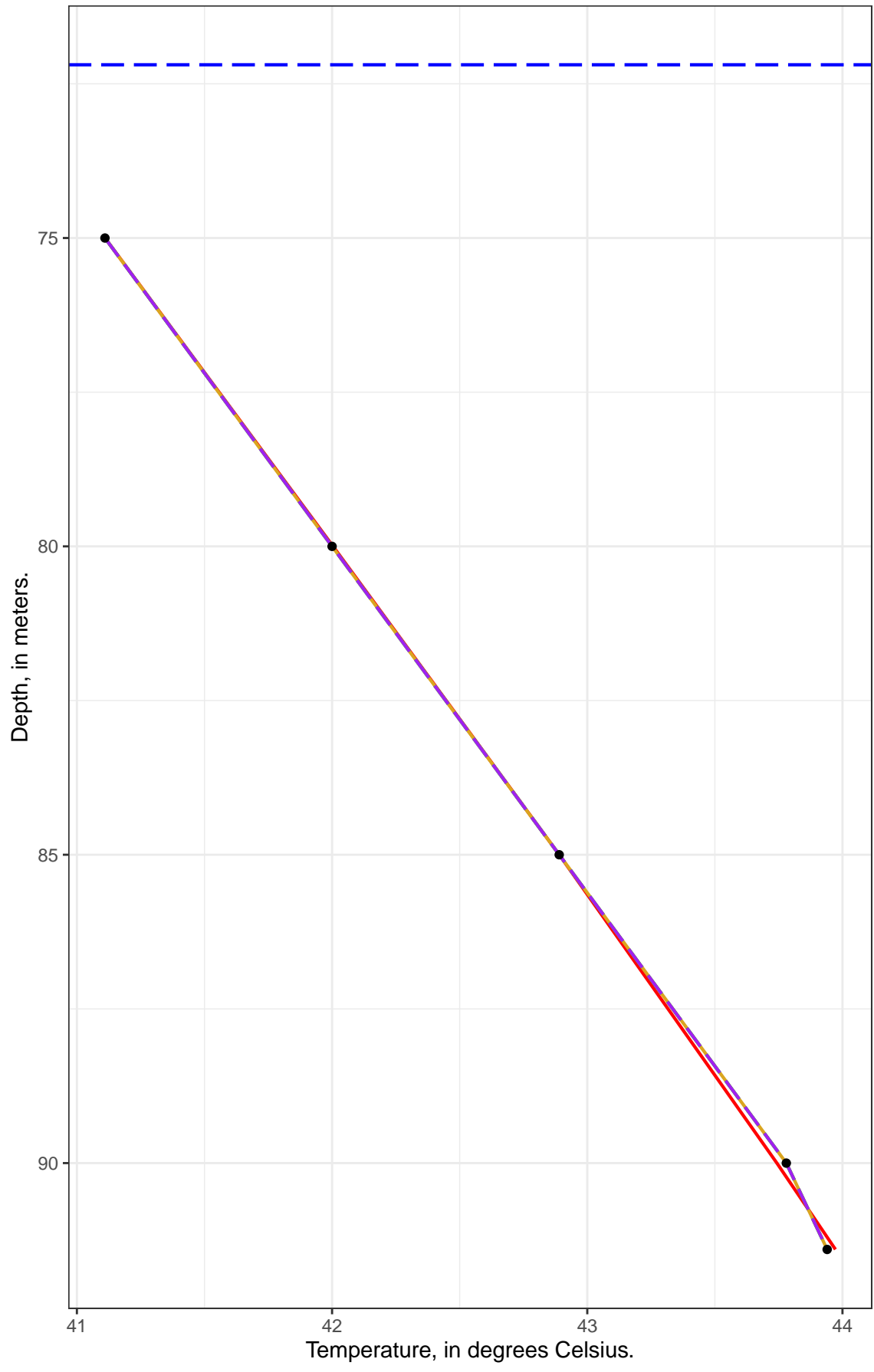


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

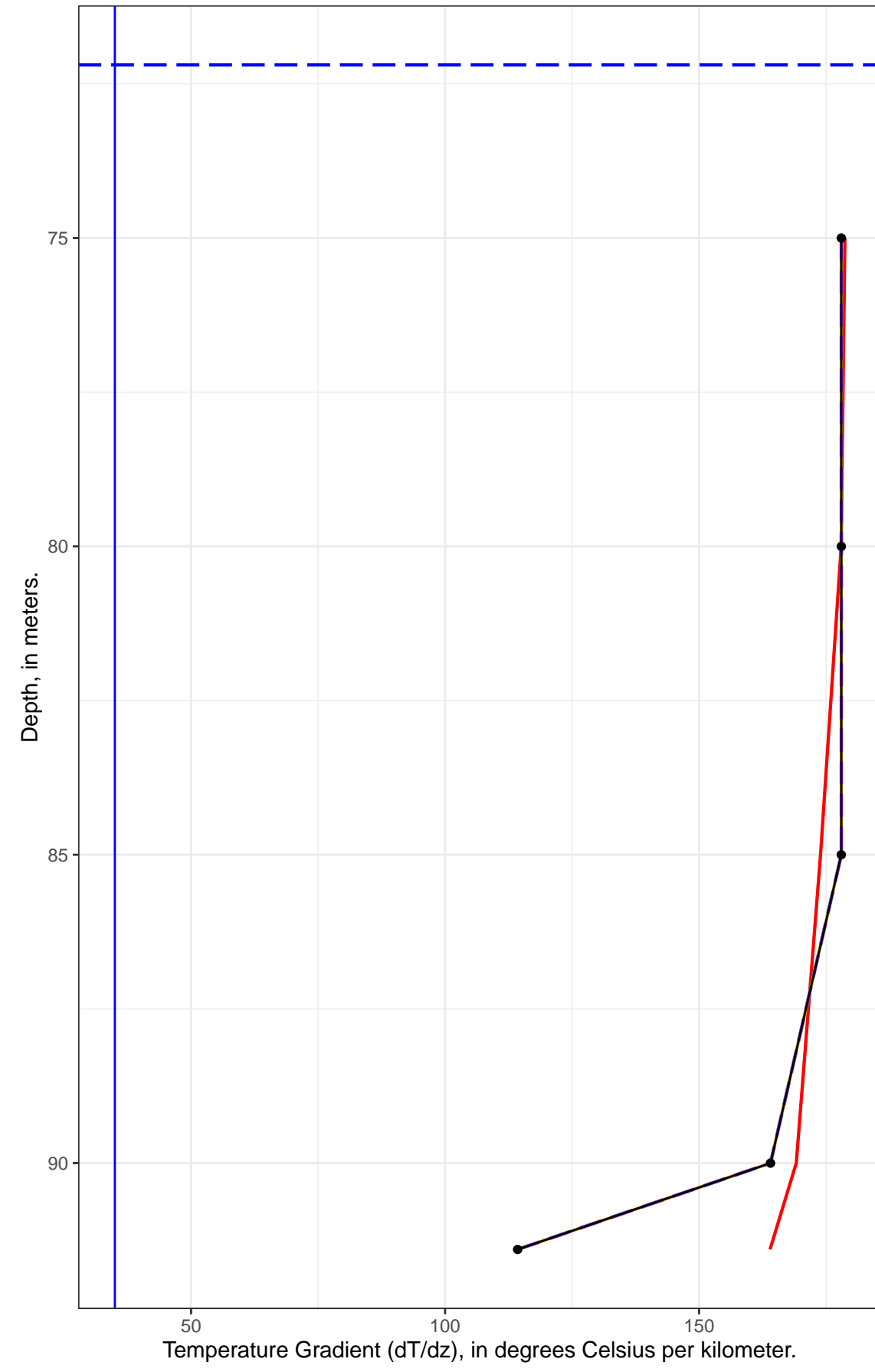
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

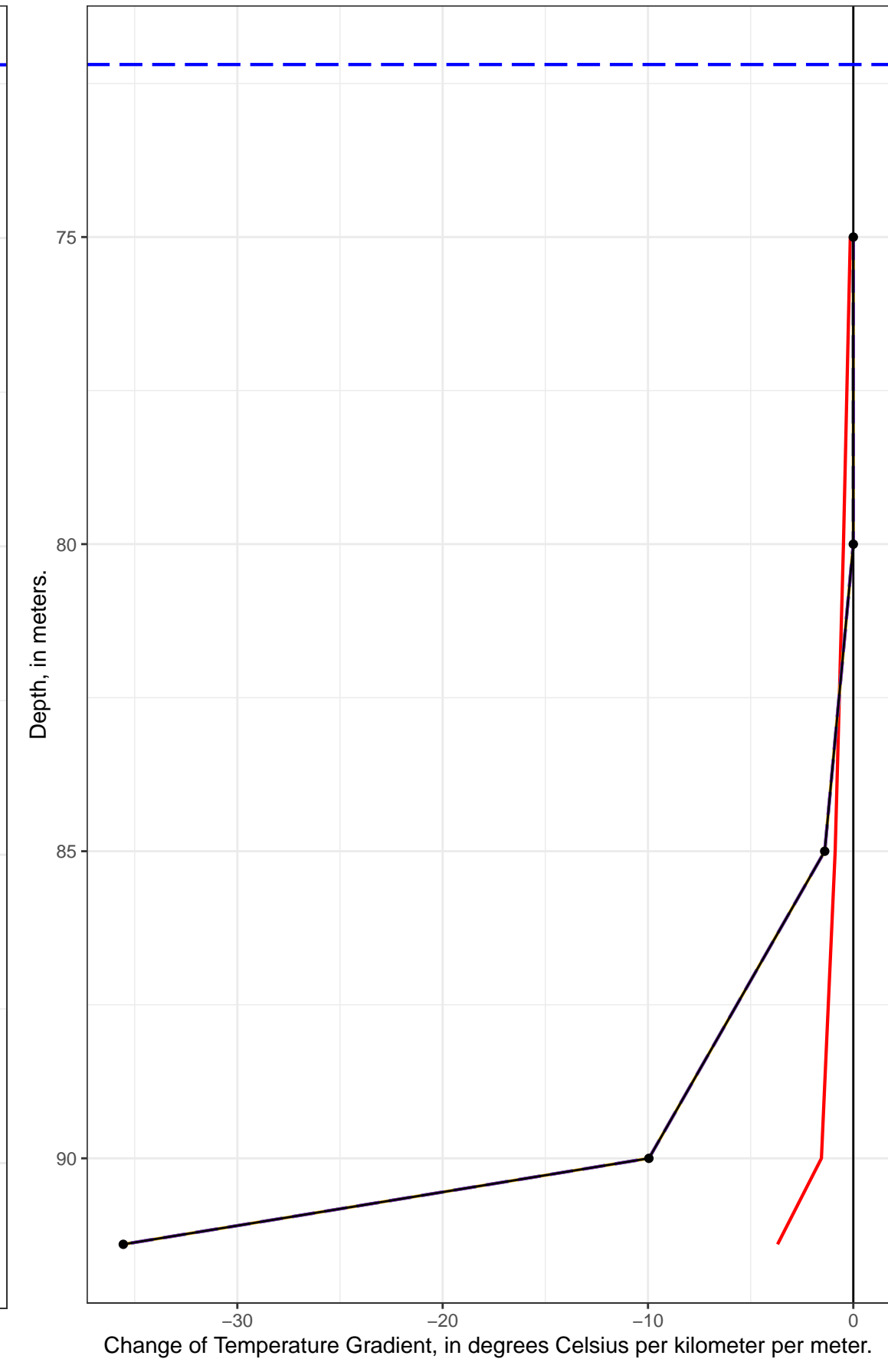
ID: 68 [GS_Well] Smoothed Profile



ID: 68 [GS_Well] First Derivative



ID: 68 [GS_Well] Second Derivative

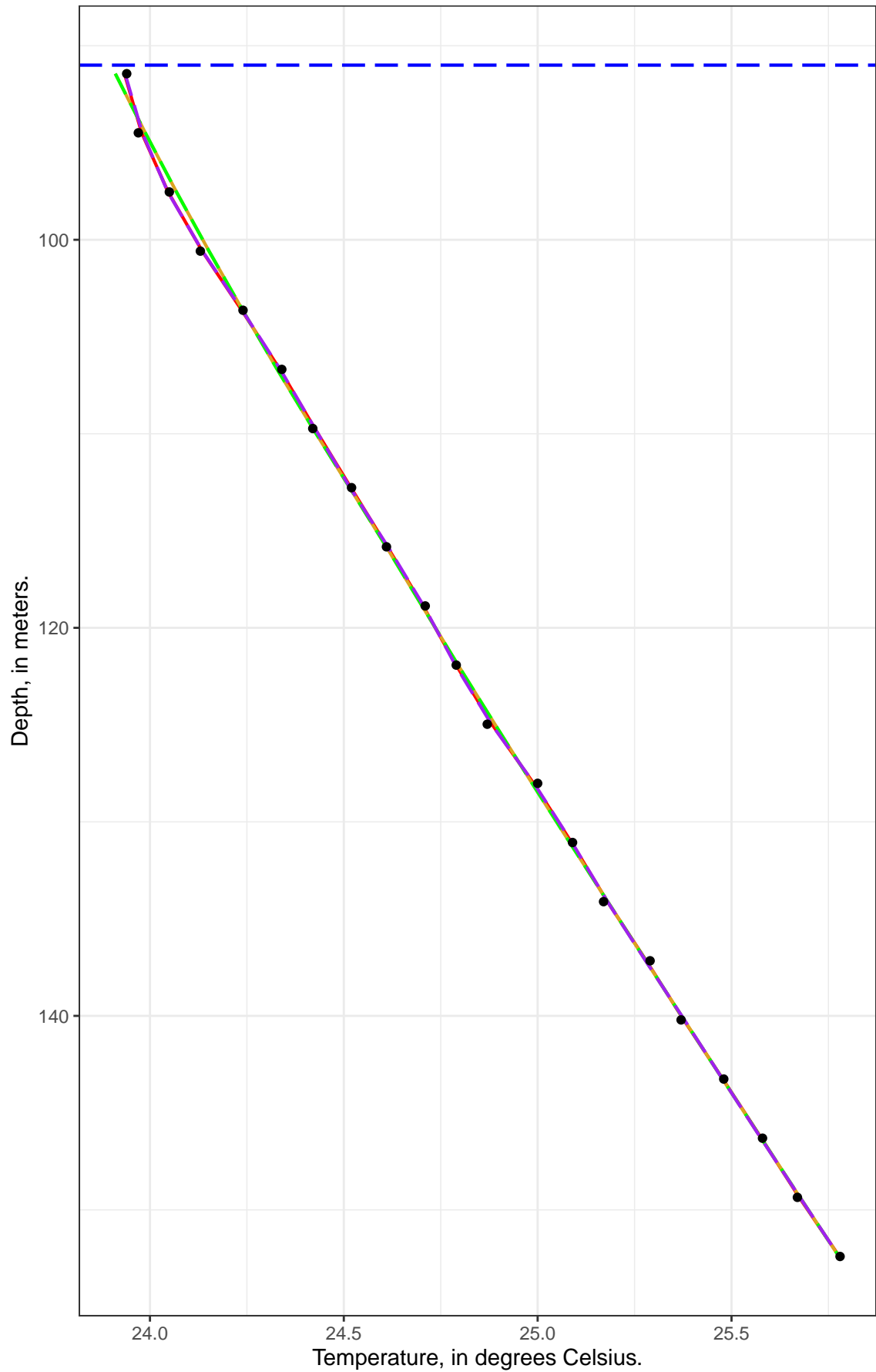


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

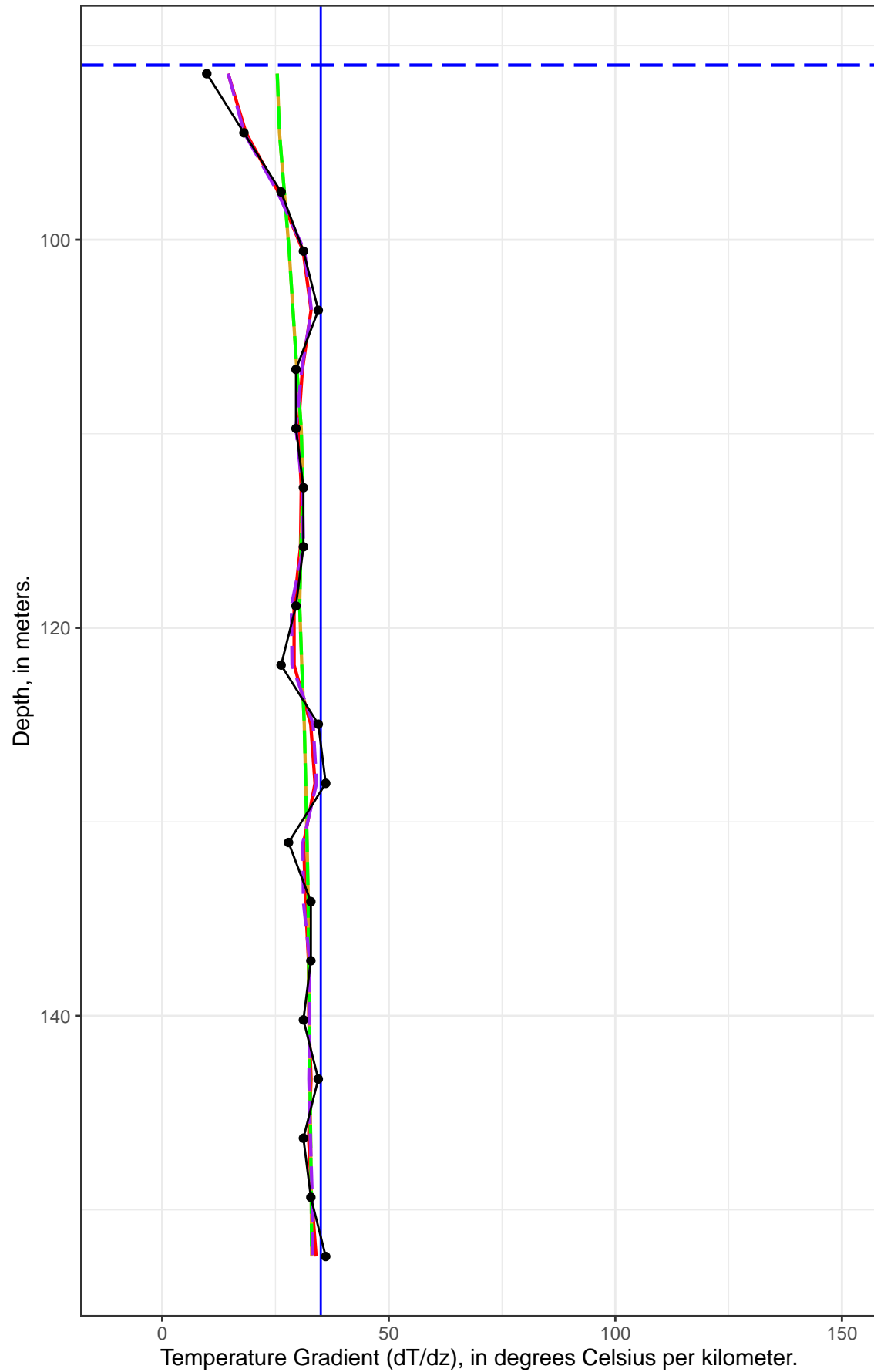
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

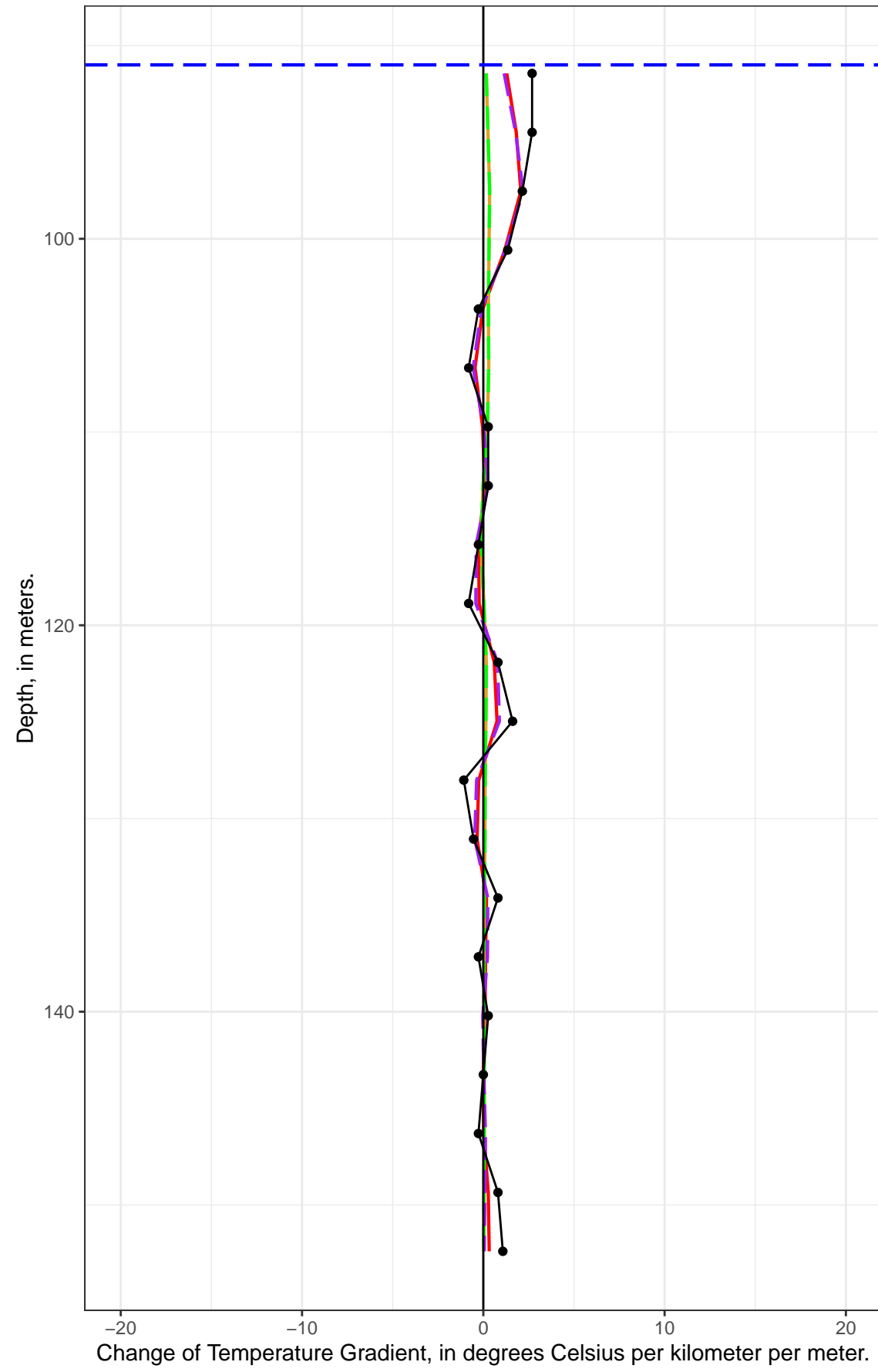
ID: 70 [H-2-80-1411_KILBOURNE_HOLE] Smoothed Profile



ID: 70 [H-2-80-1411_KILBOURNE_HOLE] First Derivative



ID: 70 [H-2-80-1411_KILBOURNE_HOLE] Second Derivative

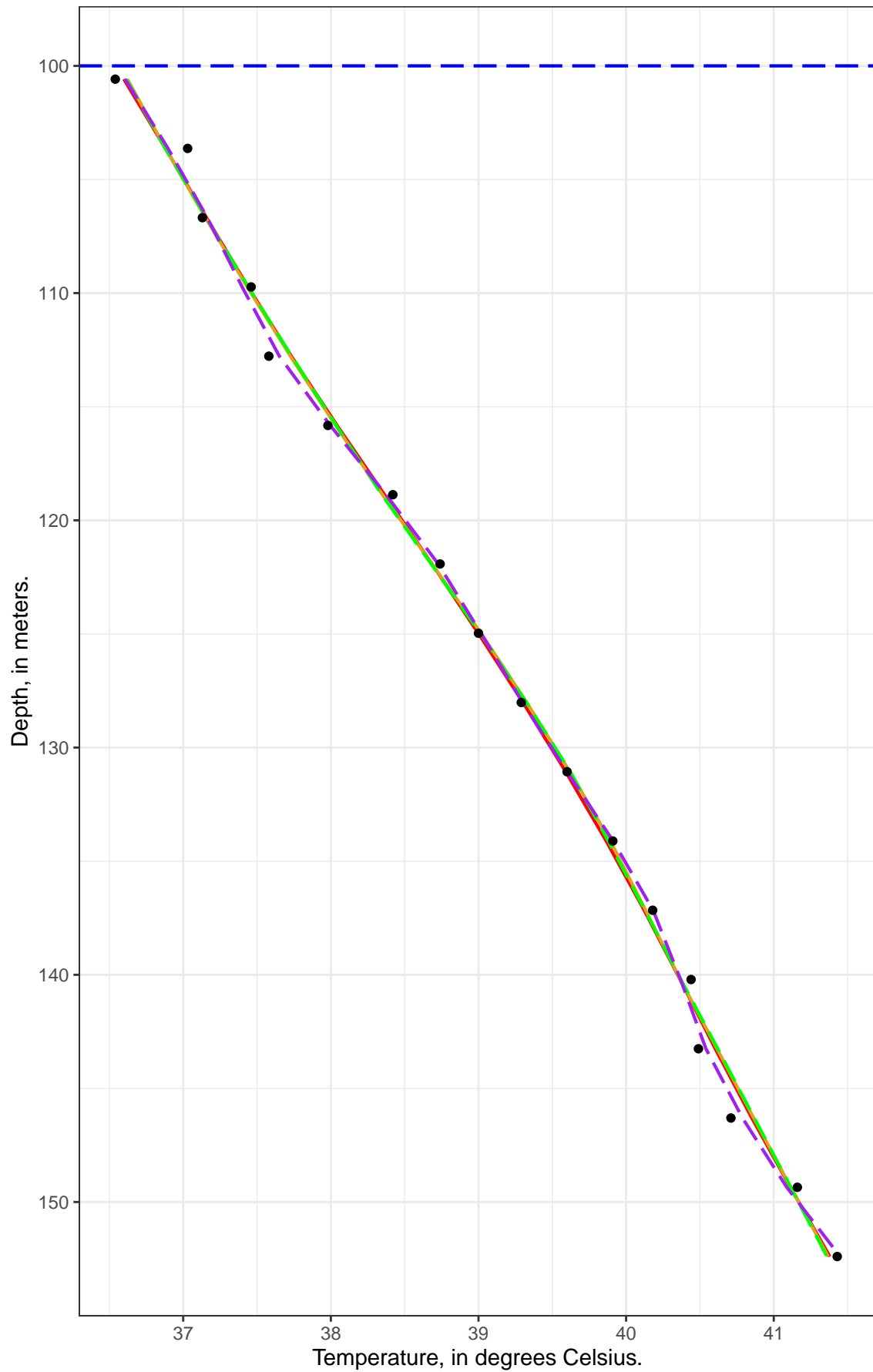


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

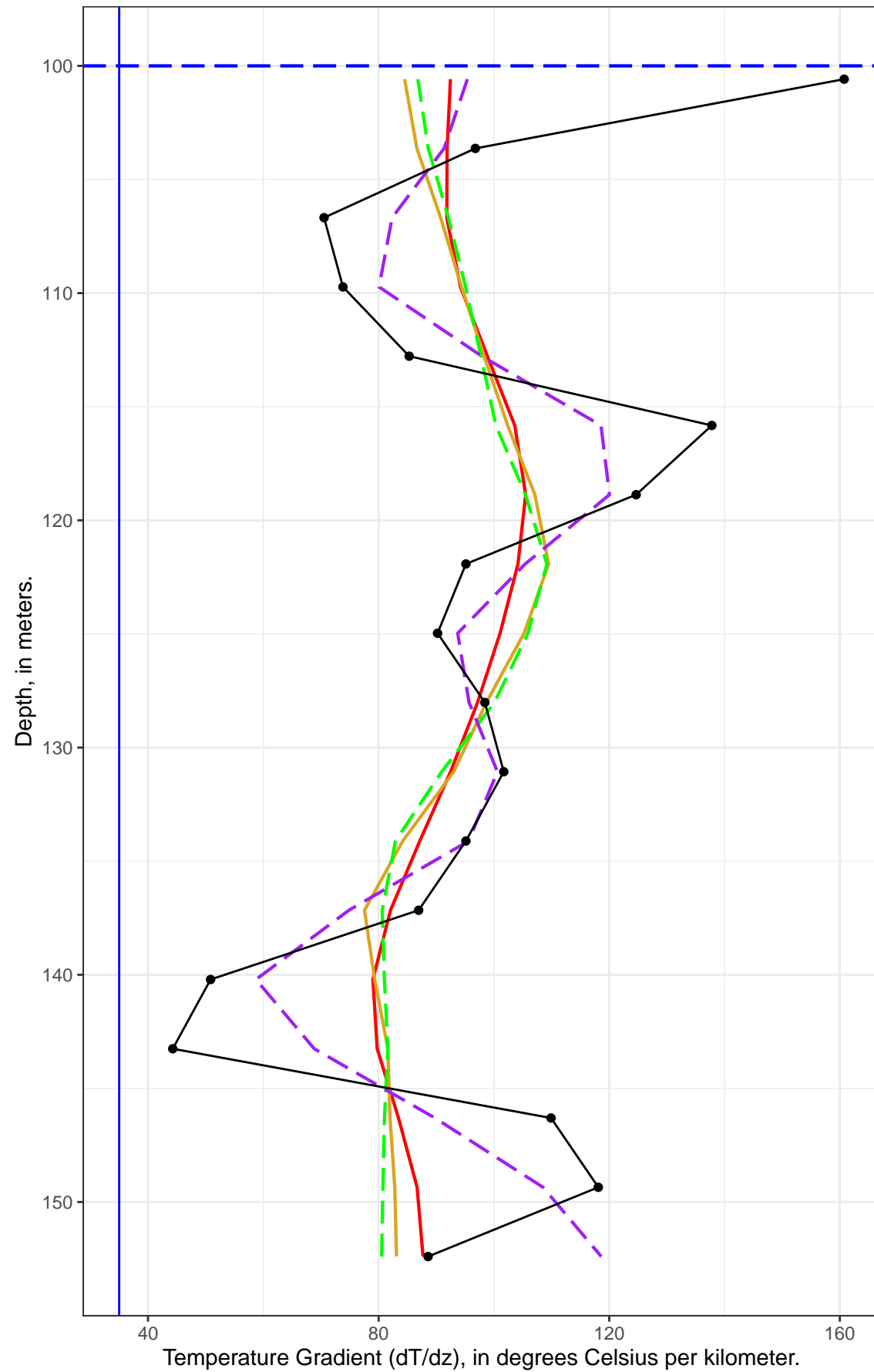
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

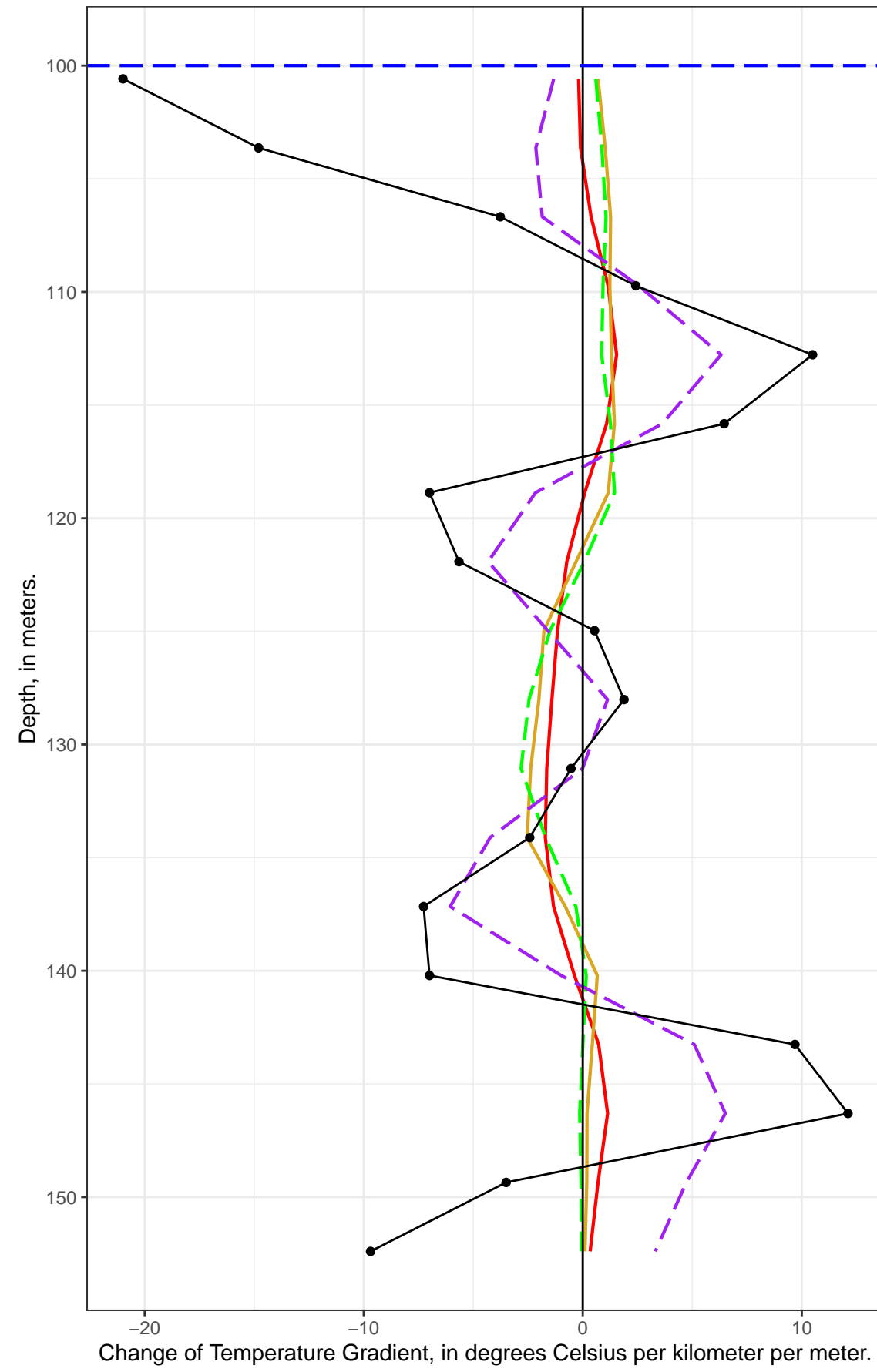
ID: 71 [H-2-80-1412_KILBOURNE_HOLE] Smoothed Profile



ID: 71 [H-2-80-1412_KILBOURNE_HOLE] First Derivative



ID: 71 [H-2-80-1412_KILBOURNE_HOLE] Second Derivative

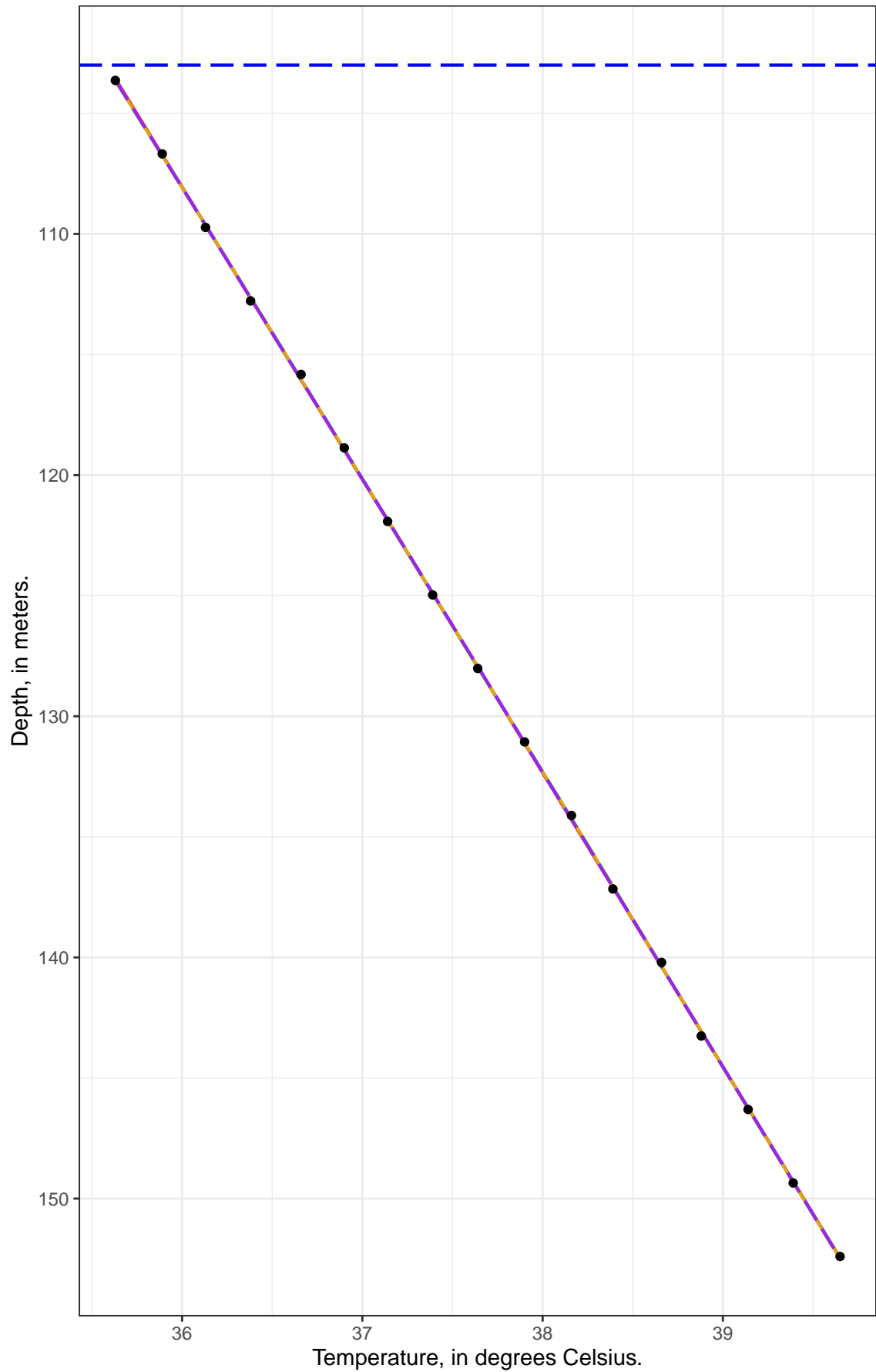


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

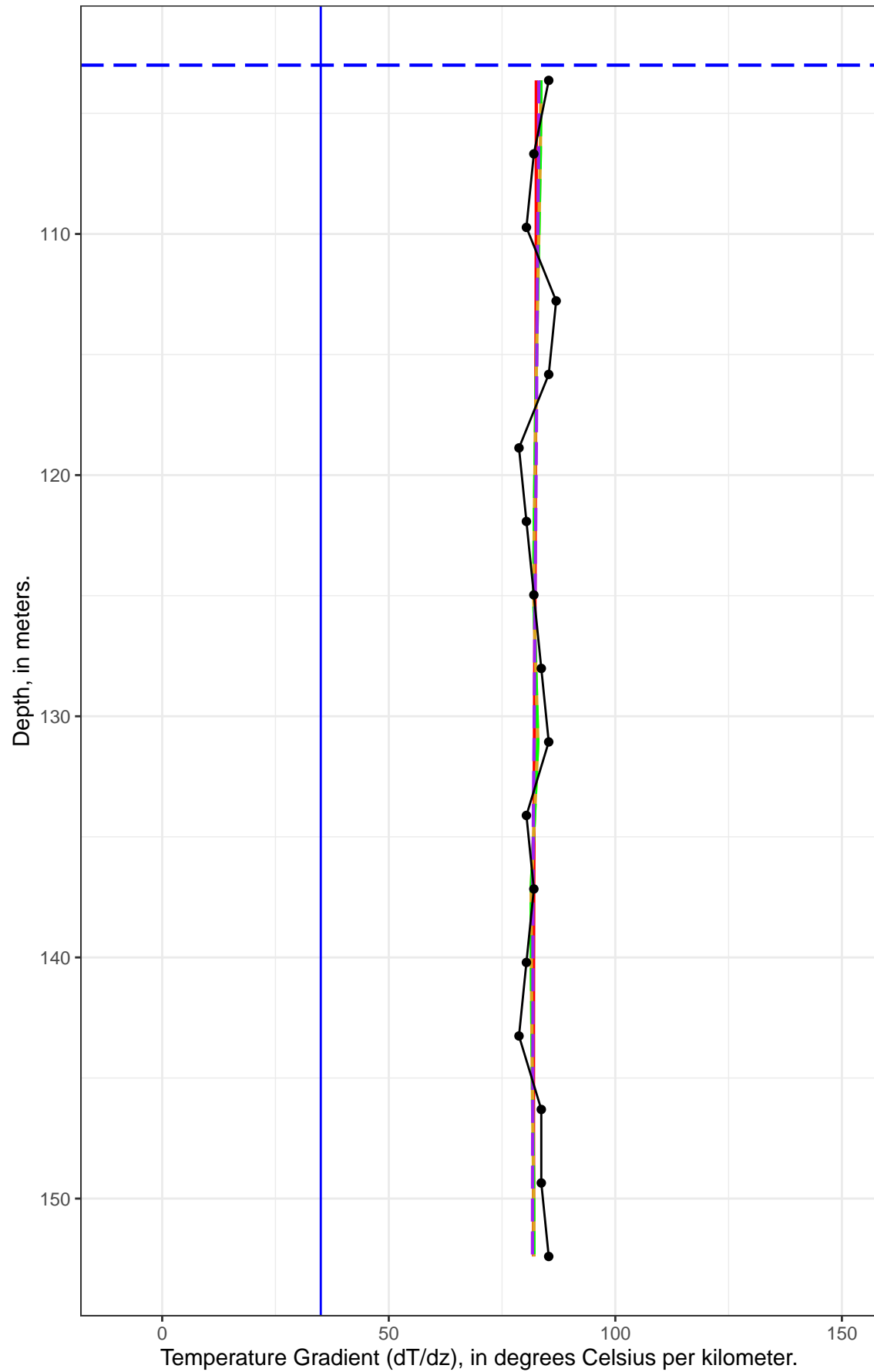
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

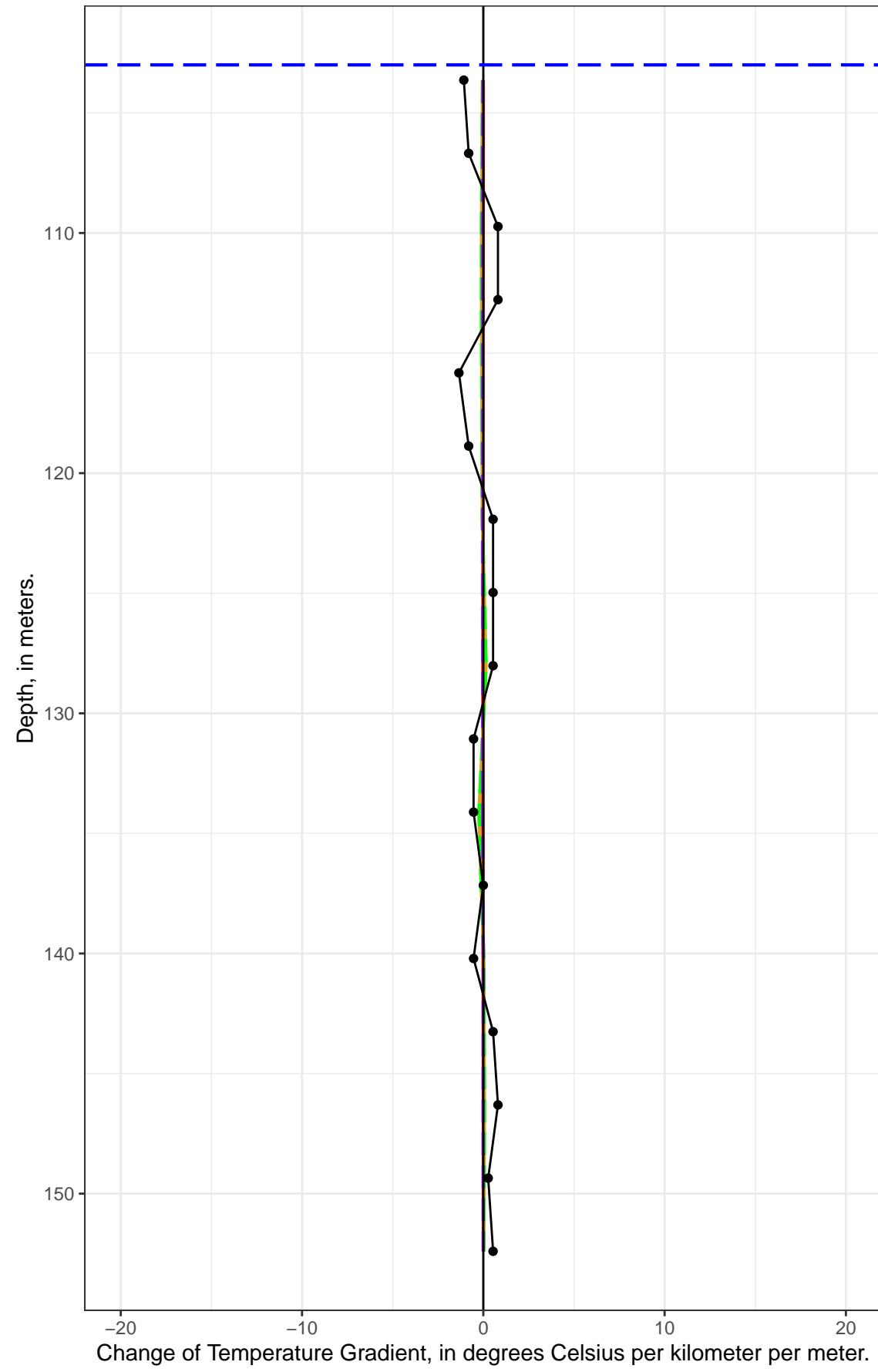
ID: 72 [H-2-80-1417_KILBOURNE_HOLE] Smoothed Profile



ID: 72 [H-2-80-1417_KILBOURNE_HOLE] First Derivative



ID: 72 [H-2-80-1417_KILBOURNE_HOLE] Second Derivative

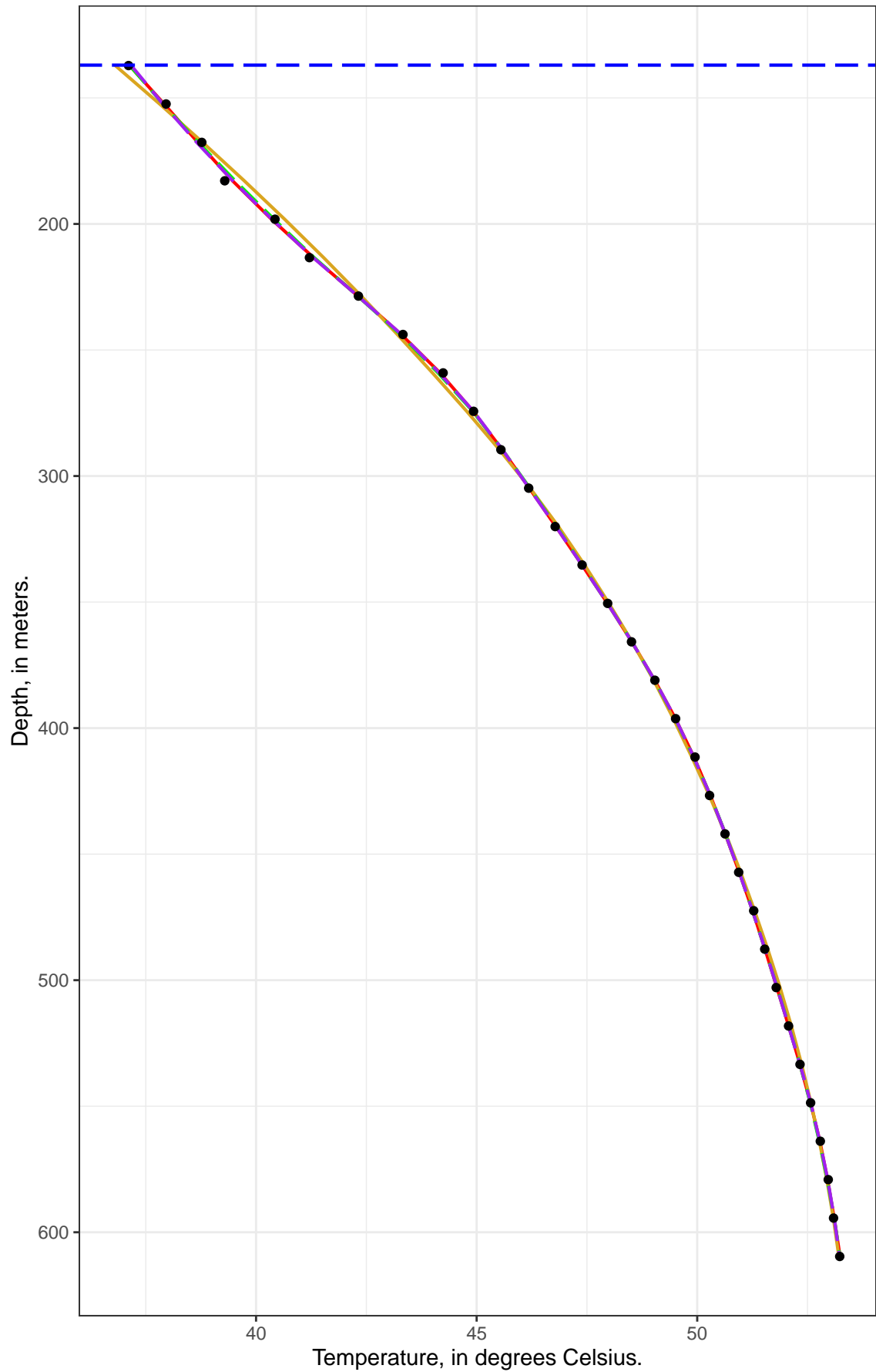


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

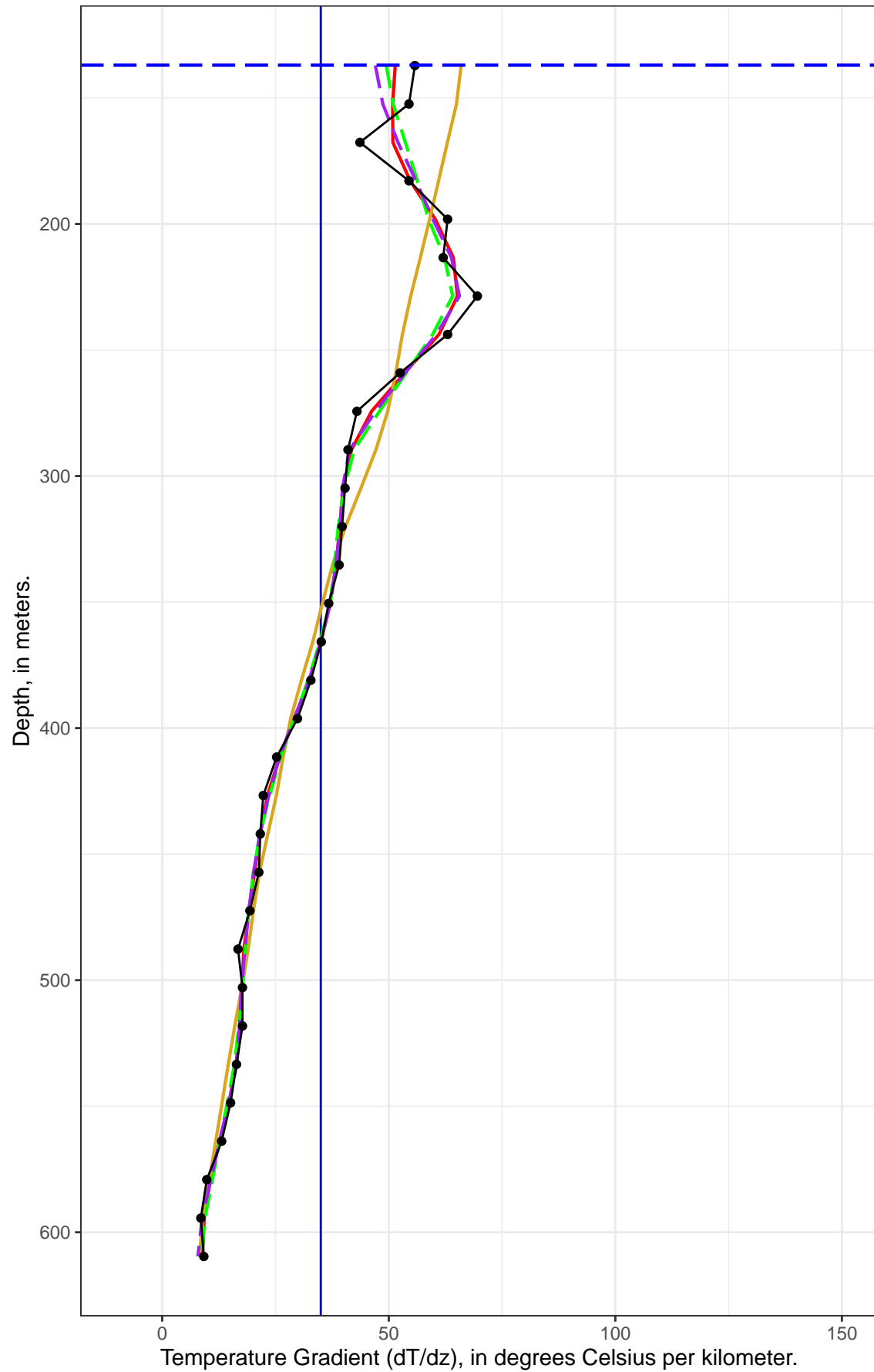
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

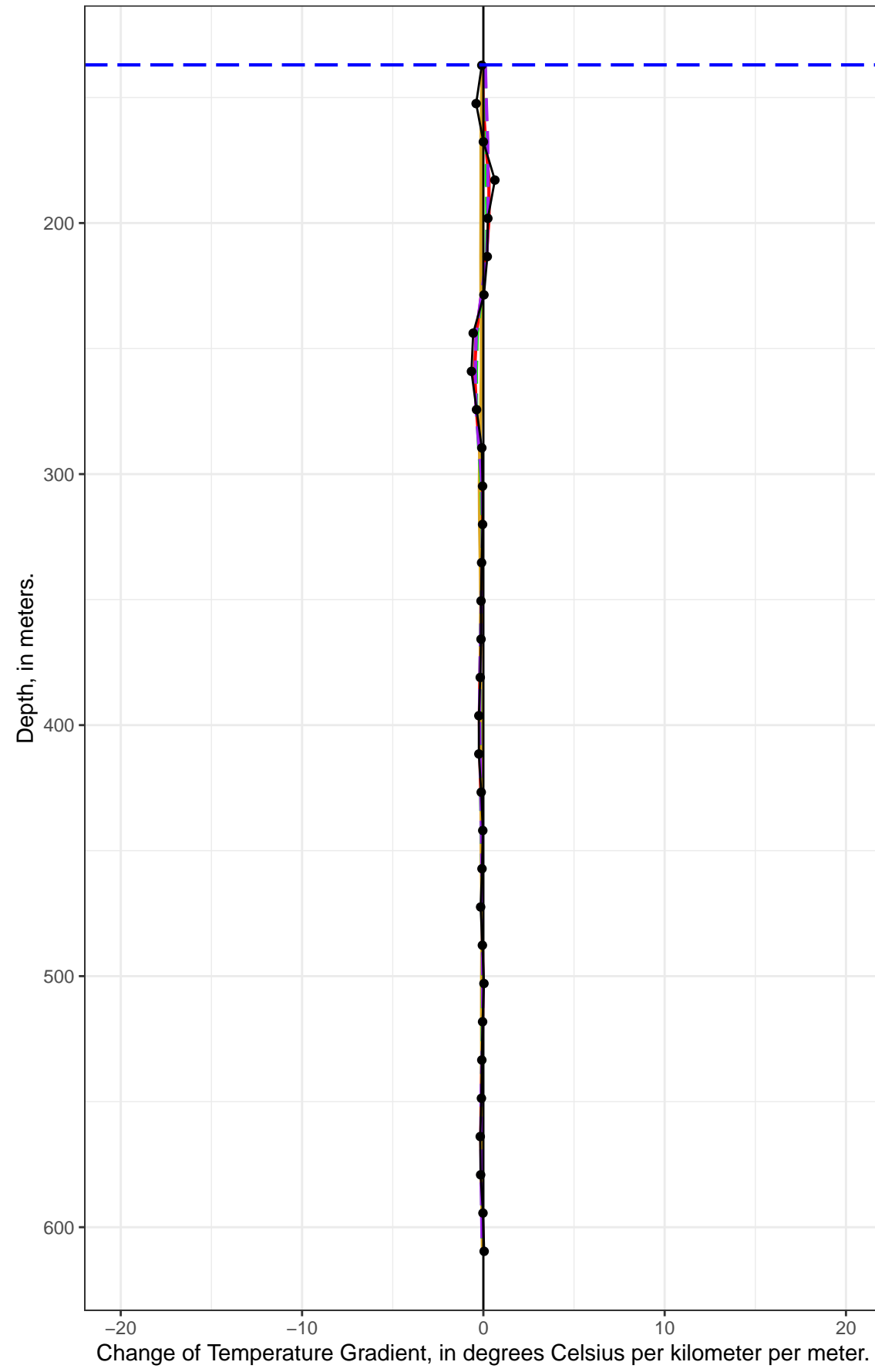
ID: 73 [H-2-80-1451_KILBOURNE_HOLE] Smoothed Profile



ID: 73 [H-2-80-1451_KILBOURNE_HOLE] First Derivative



ID: 73 [H-2-80-1451_KILBOURNE_HOLE] Second Derivative

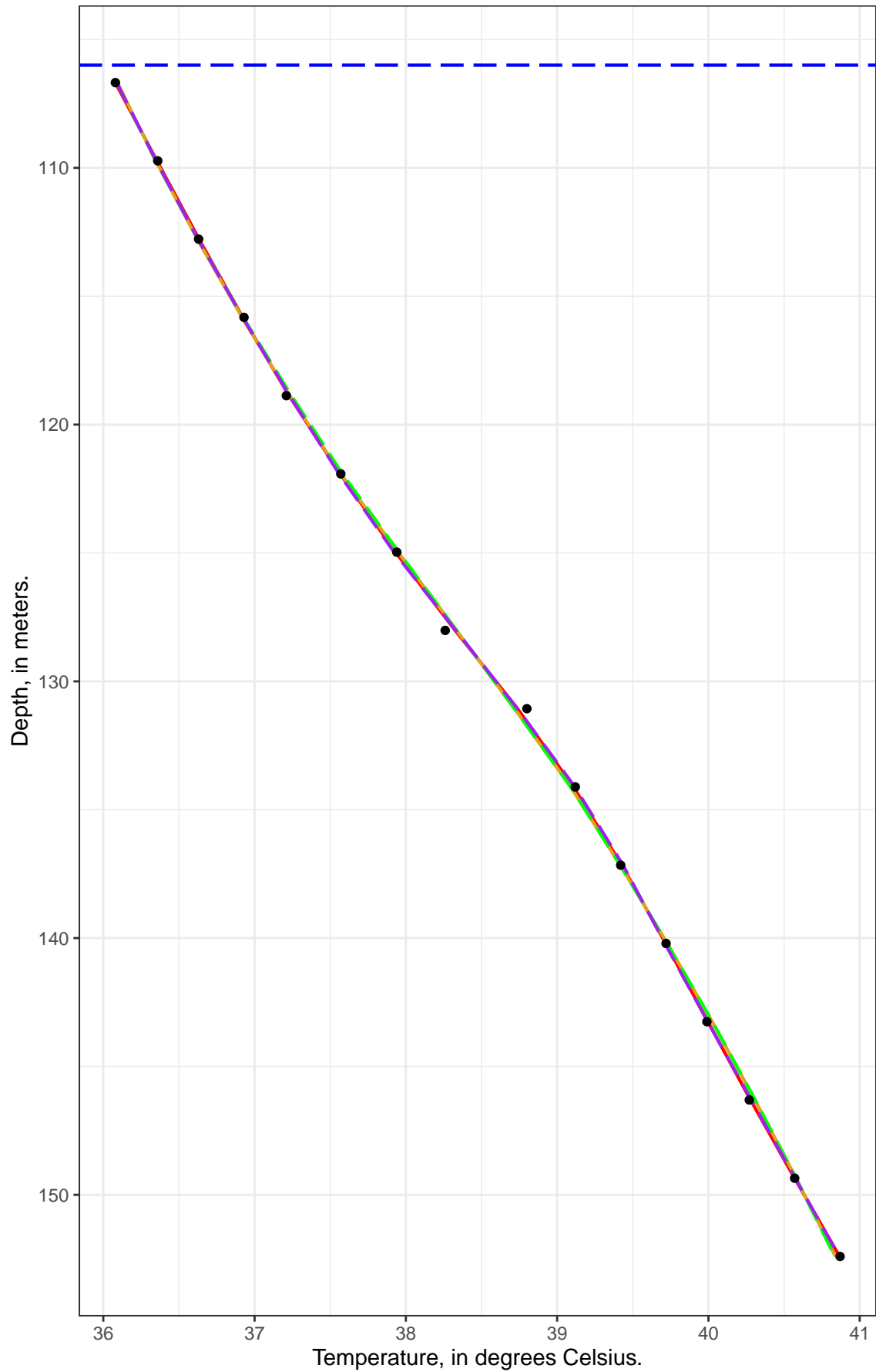


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

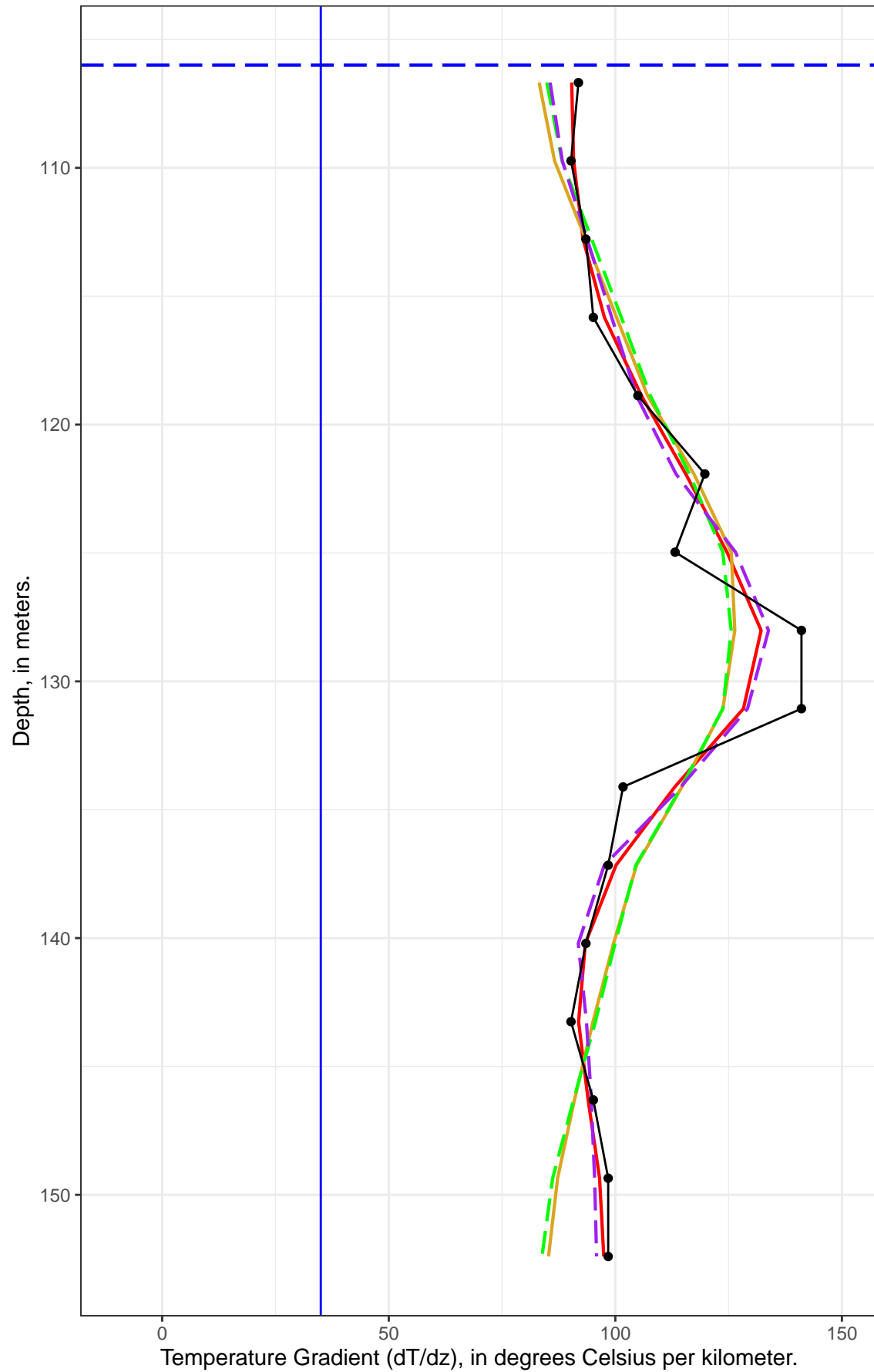
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

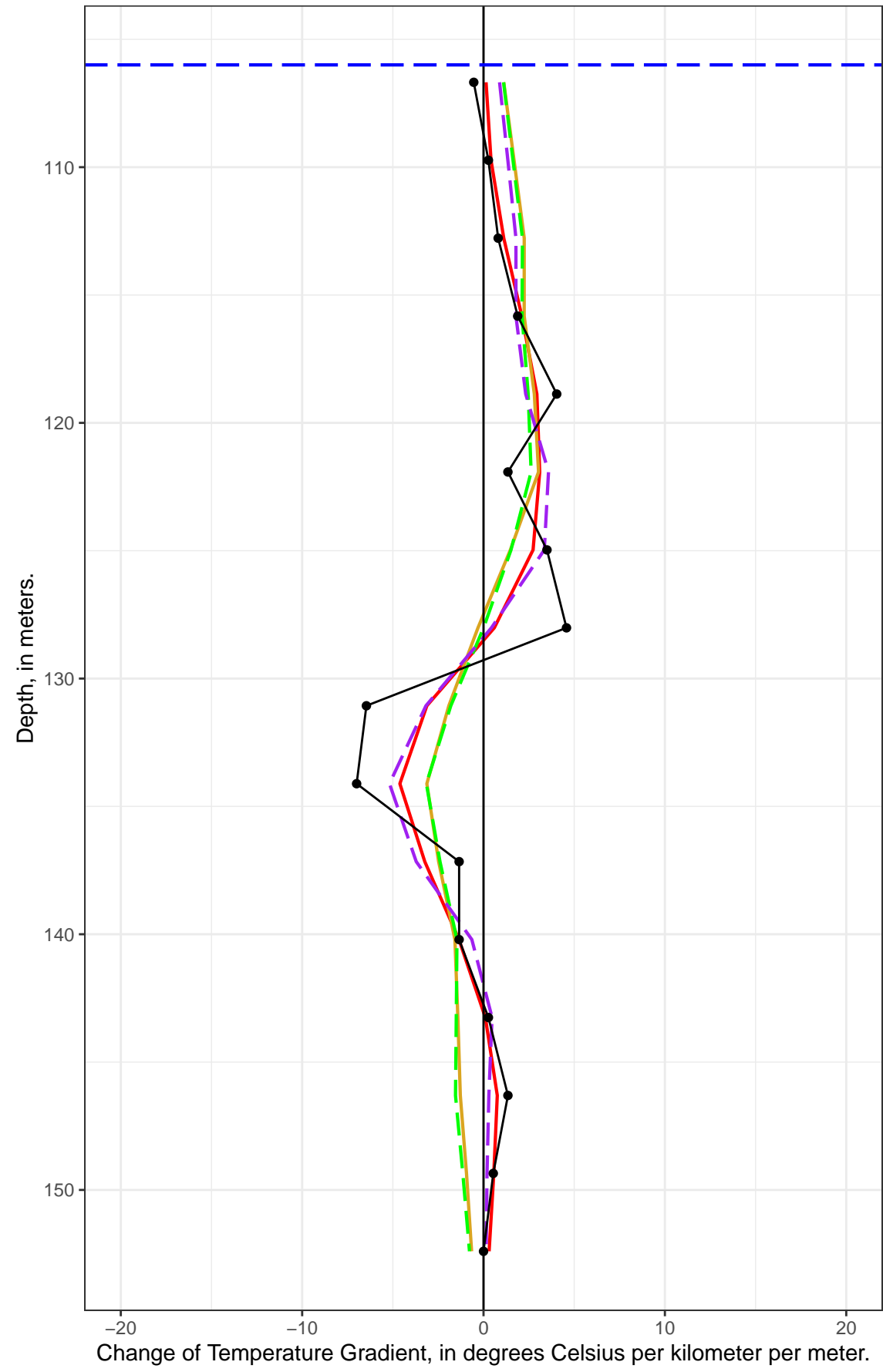
ID: 74 [H-2-80-1452_KILBOURNE_HOLE] Smoothed Profile



ID: 74 [H-2-80-1452_KILBOURNE_HOLE] First Derivative



ID: 74 [H-2-80-1452_KILBOURNE_HOLE] Second Derivative

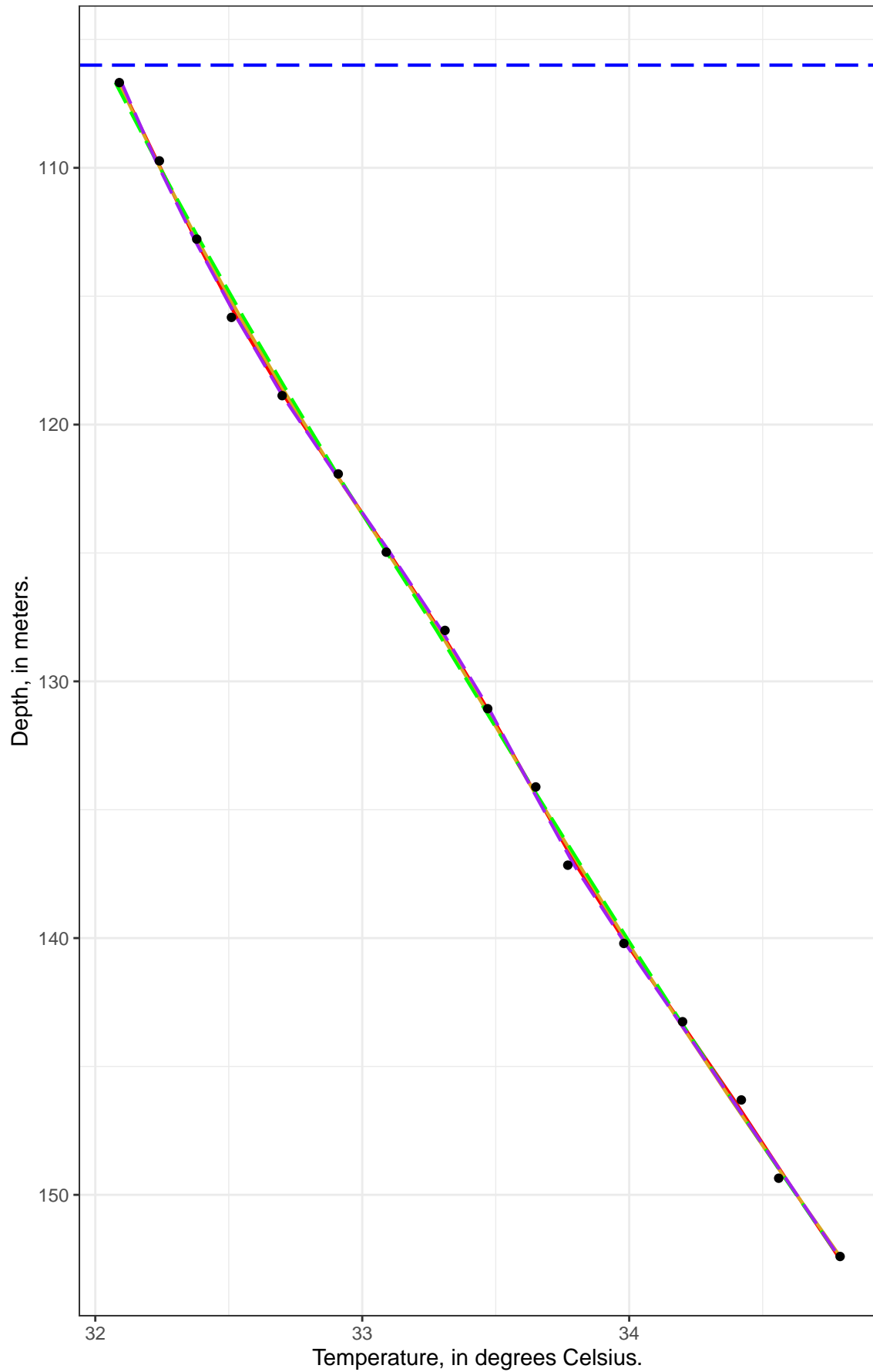


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

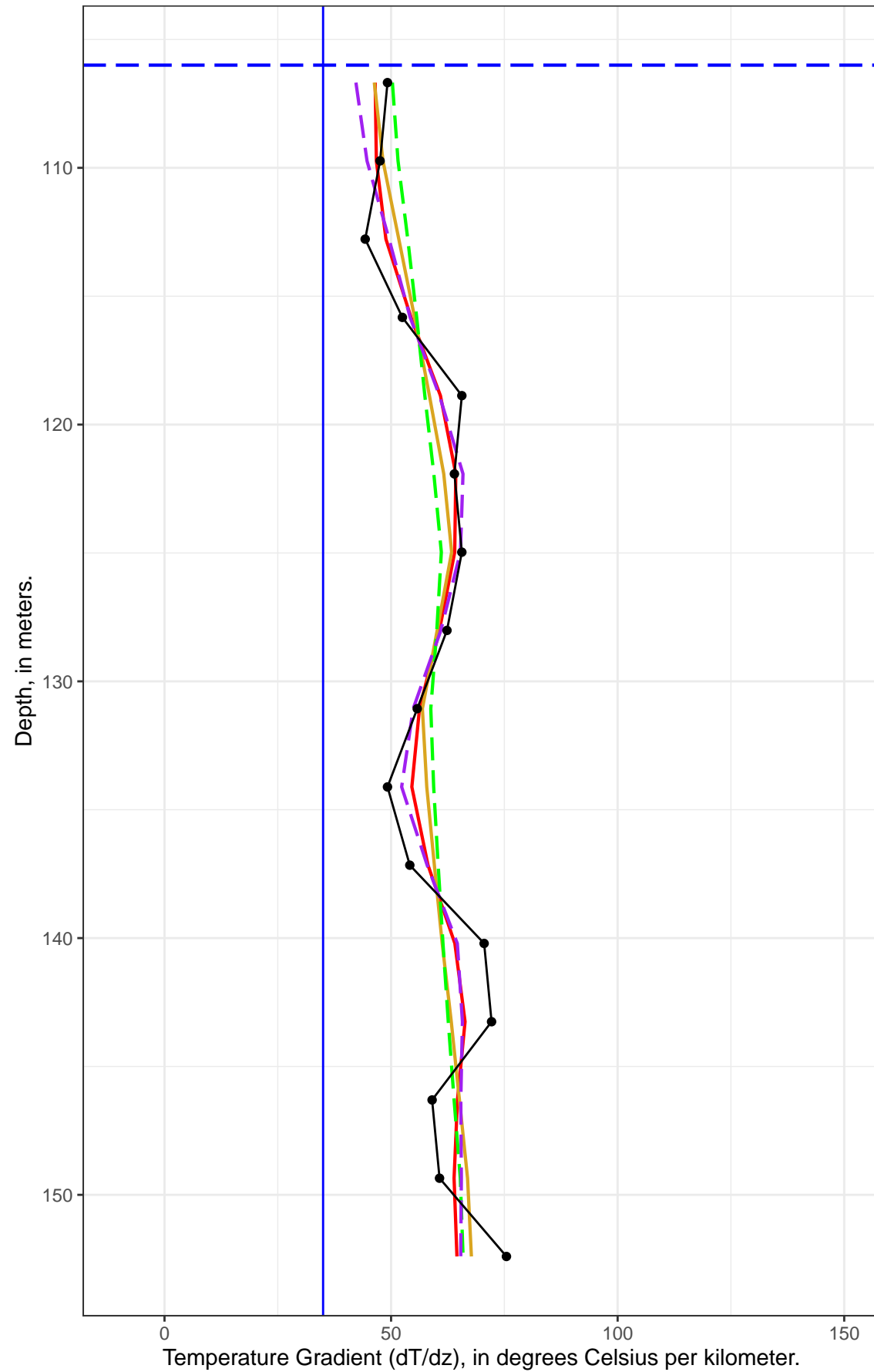
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

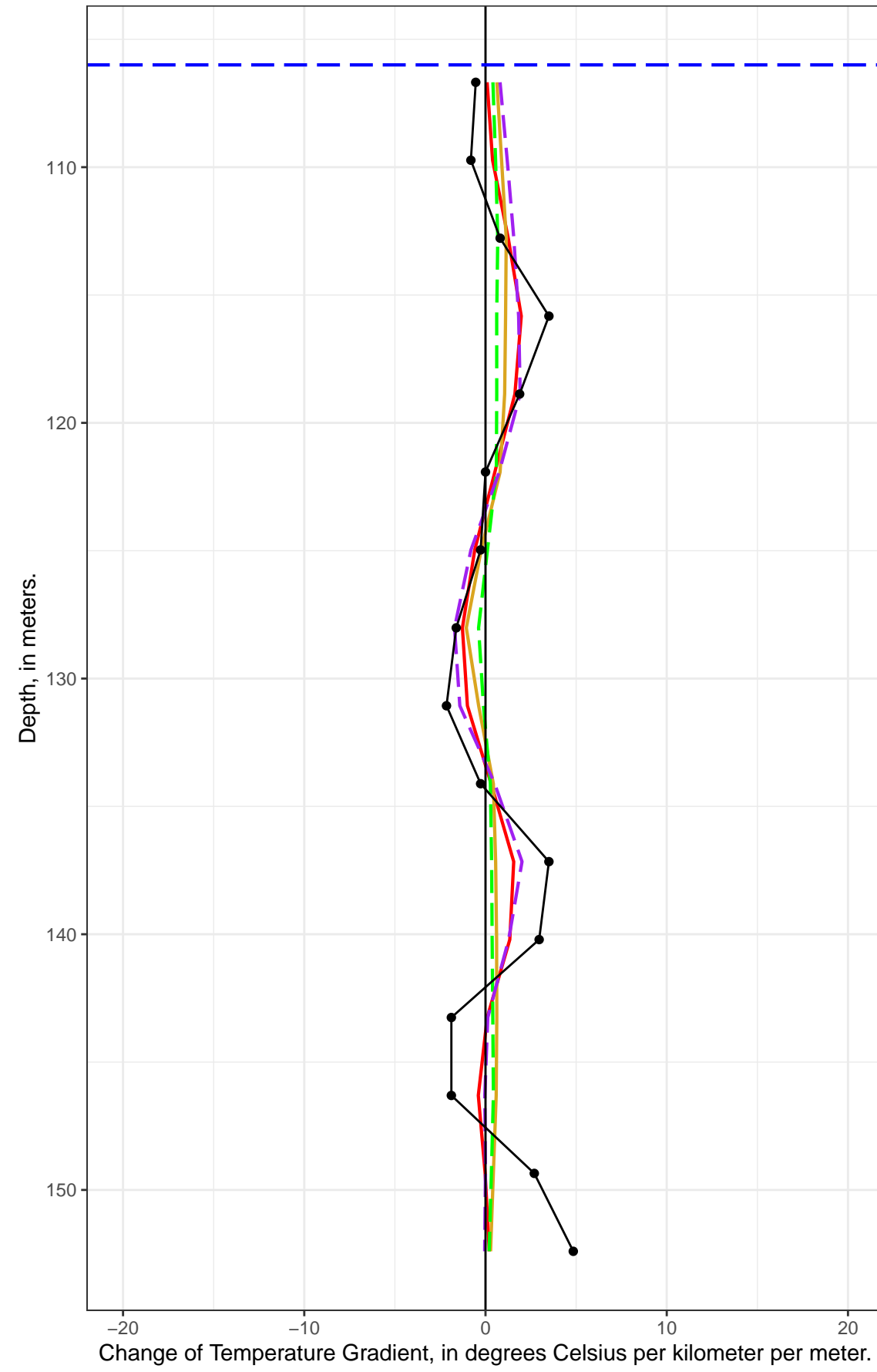
ID: 75 [H-2-80-1453_KILBOURNE_HOLE] Smoothed Profile



ID: 75 [H-2-80-1453_KILBOURNE_HOLE] First Derivative



ID: 75 [H-2-80-1453_KILBOURNE_HOLE] Second Derivative

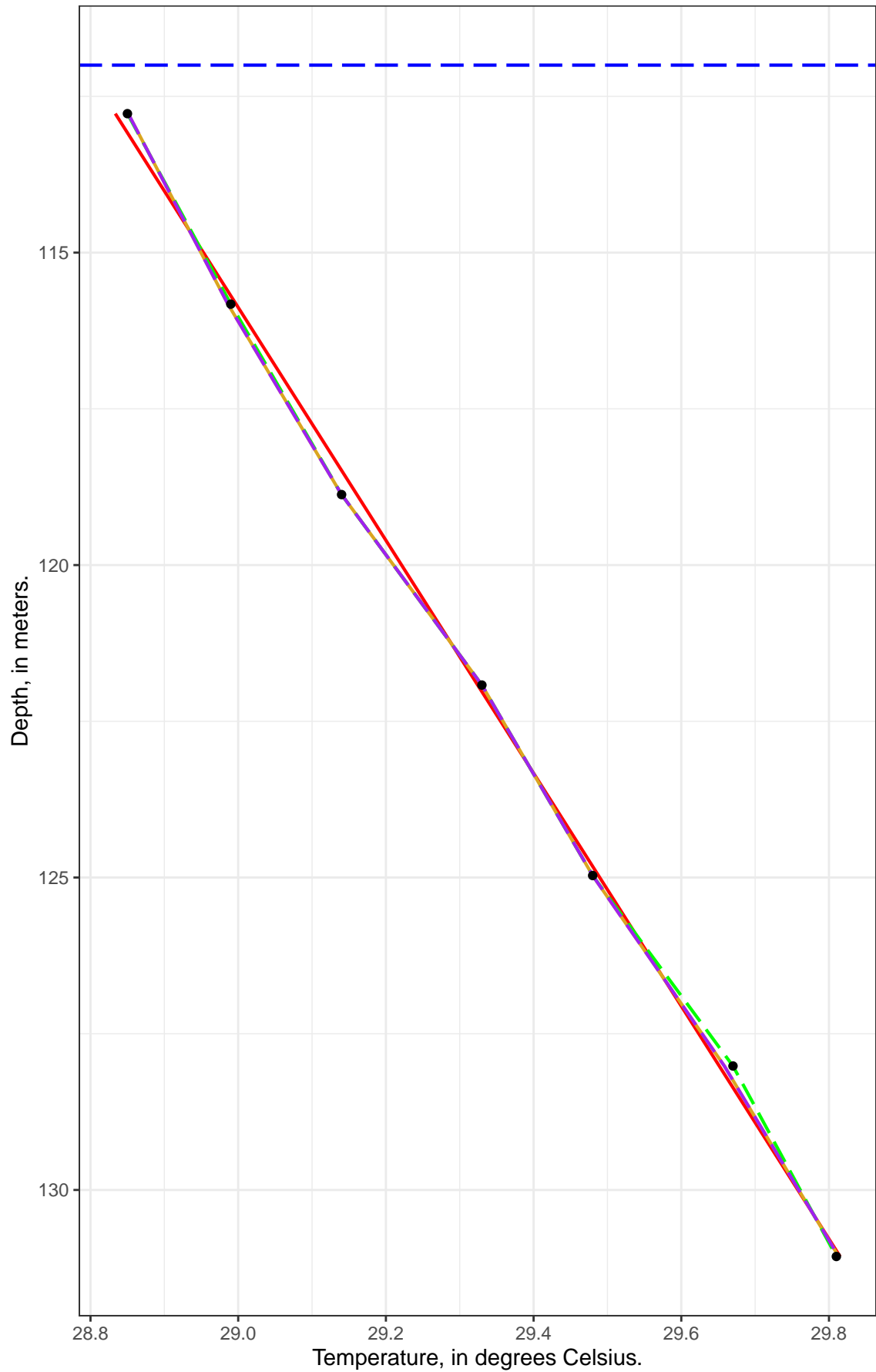


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

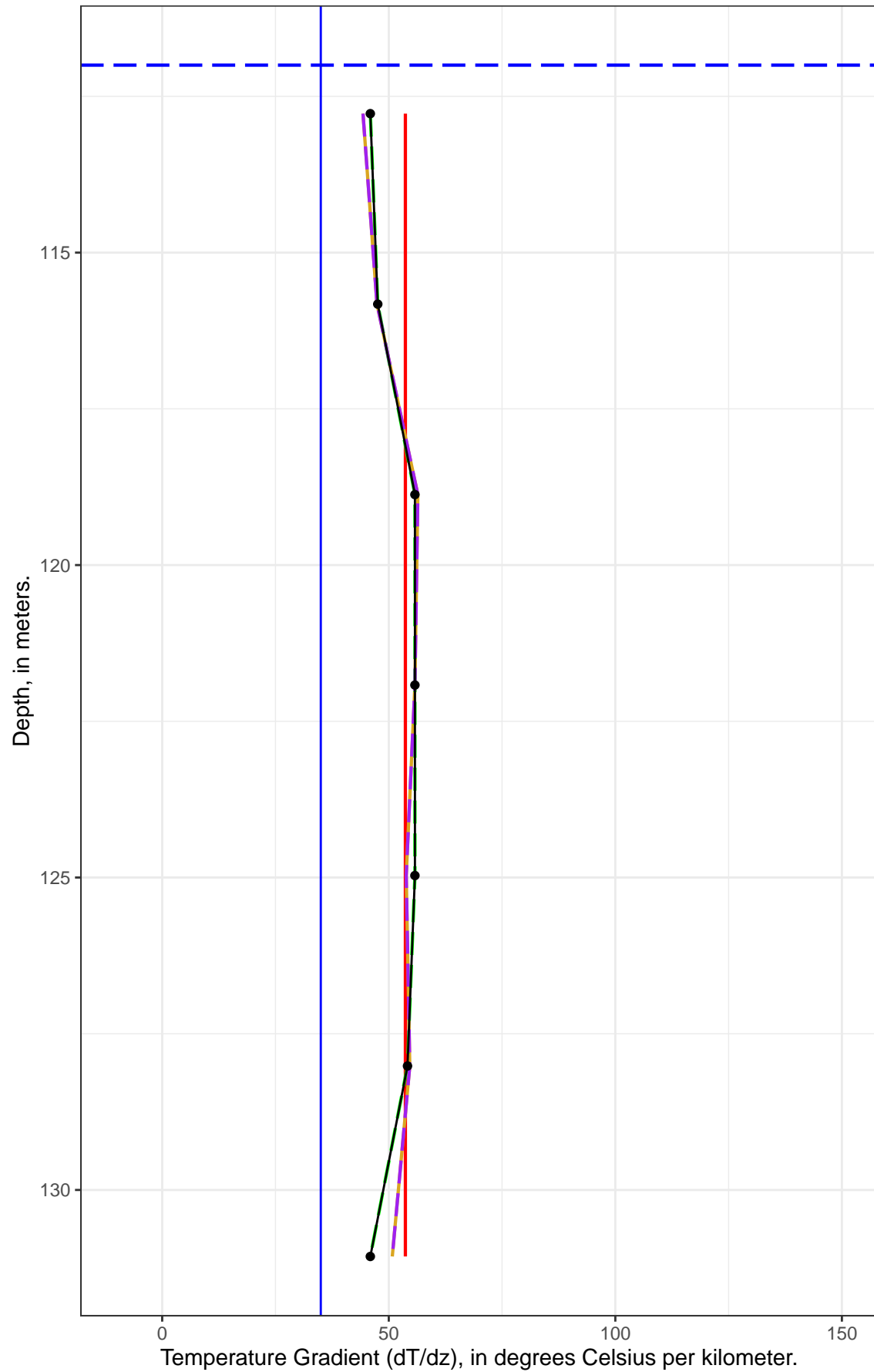
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

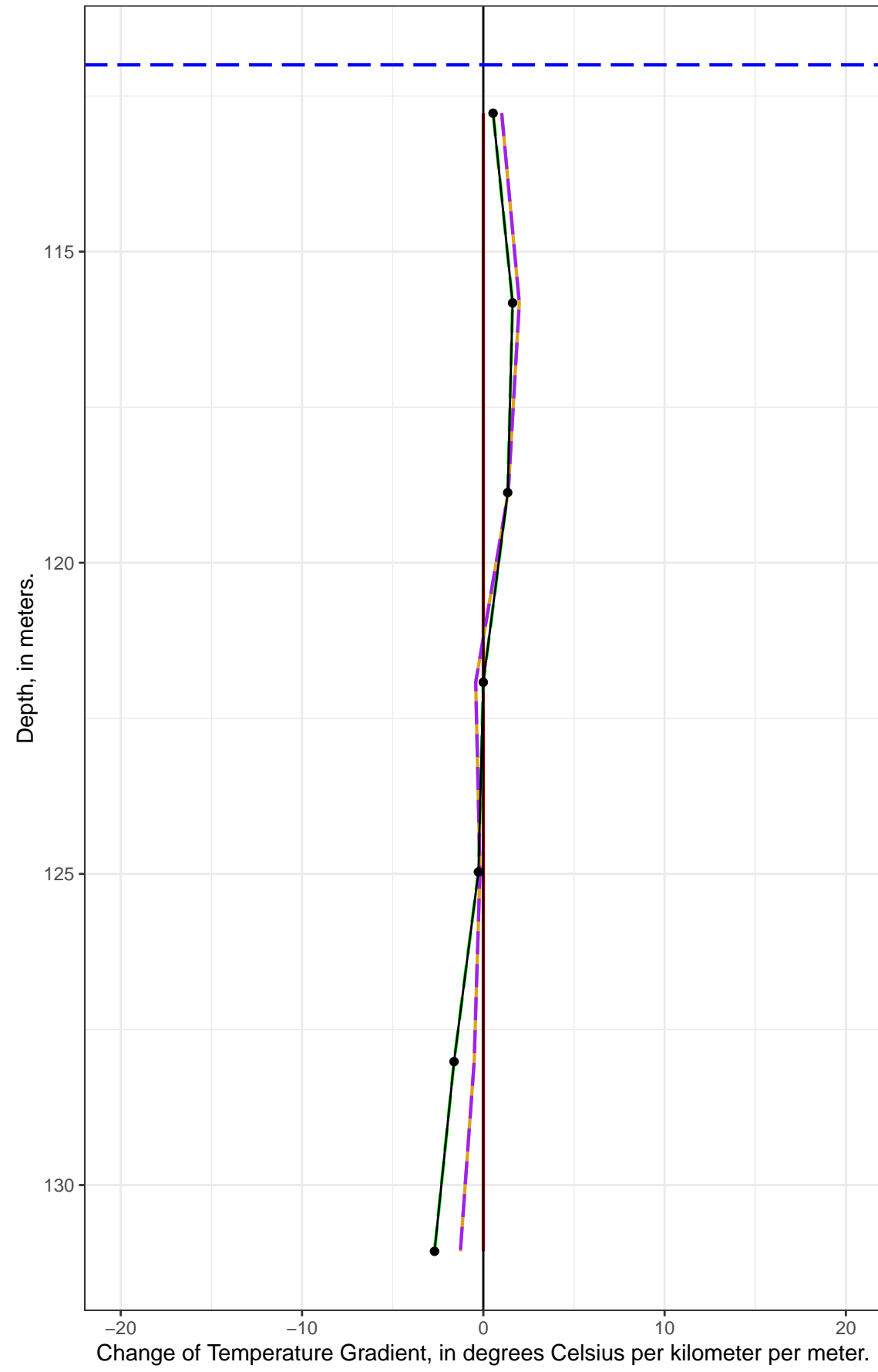
ID: 76 [H-2-80-1454_KILBOURNE_HOLE] Smoothed Profile



ID: 76 [H-2-80-1454_KILBOURNE_HOLE] First Derivative



ID: 76 [H-2-80-1454_KILBOURNE_HOLE] Second Derivative

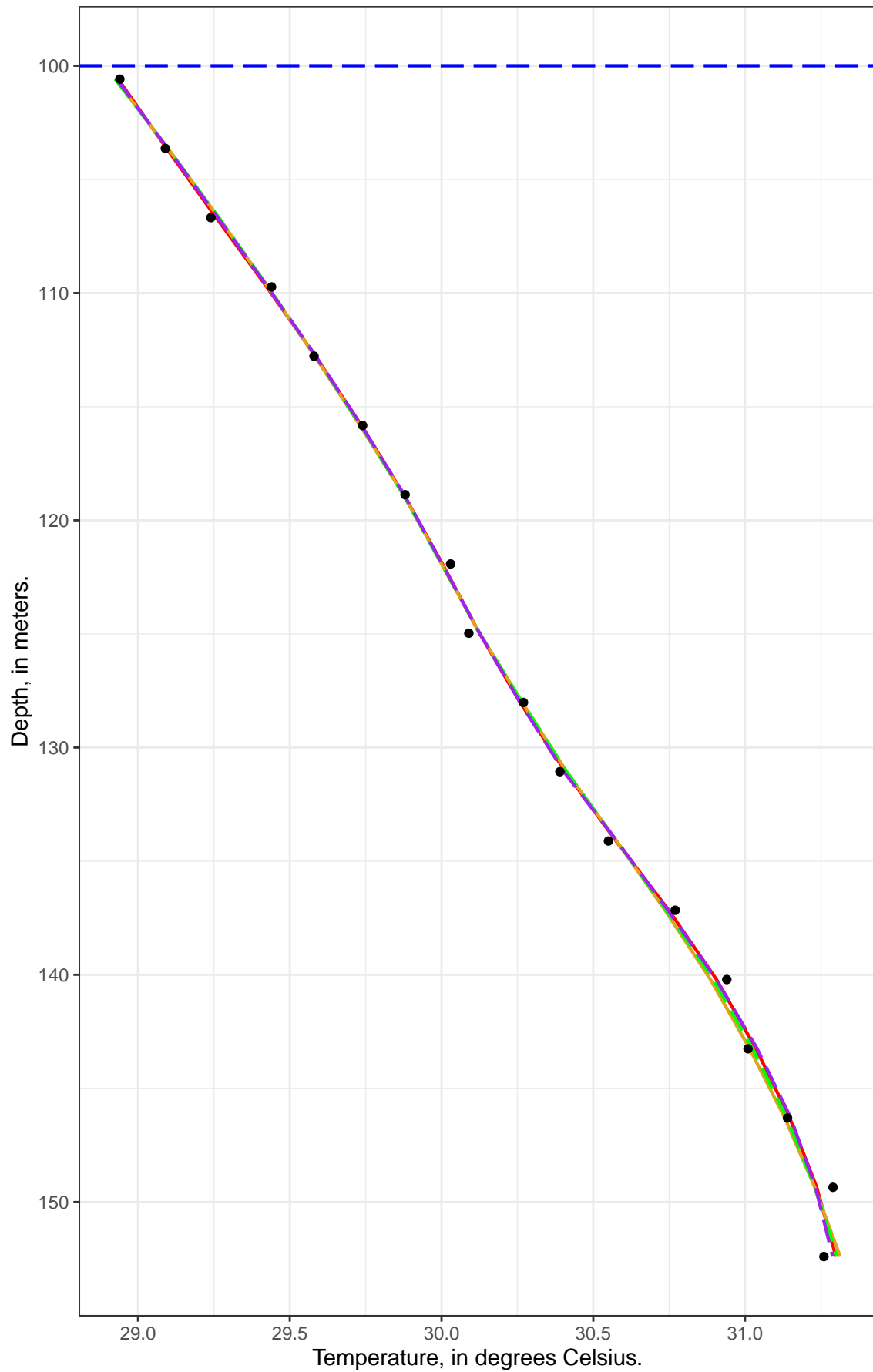


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

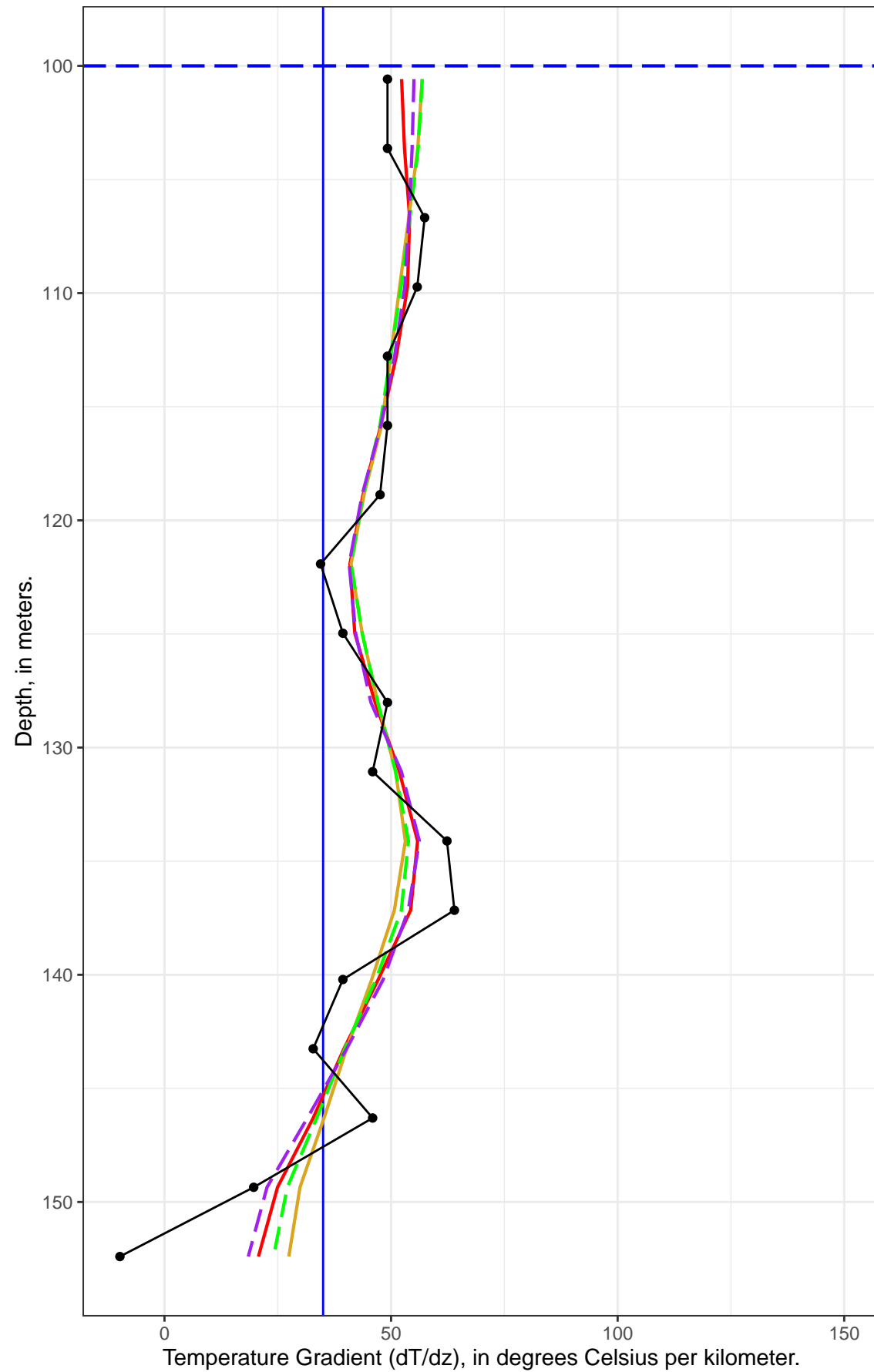
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

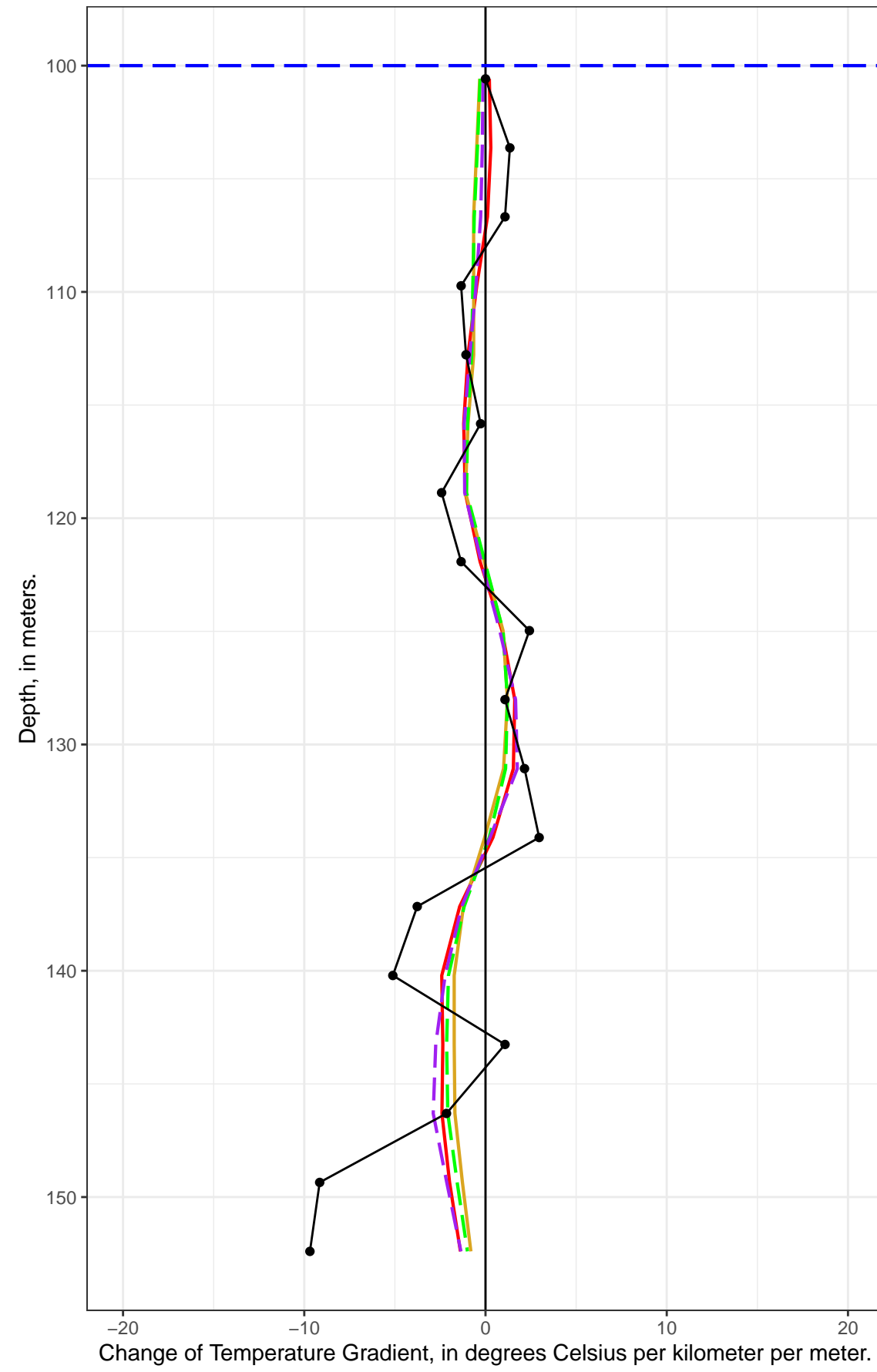
ID: 77 [H-2-80-1457_KILBOURNE_HOLE] Smoothed Profile



ID: 77 [H-2-80-1457_KILBOURNE_HOLE] First Derivative



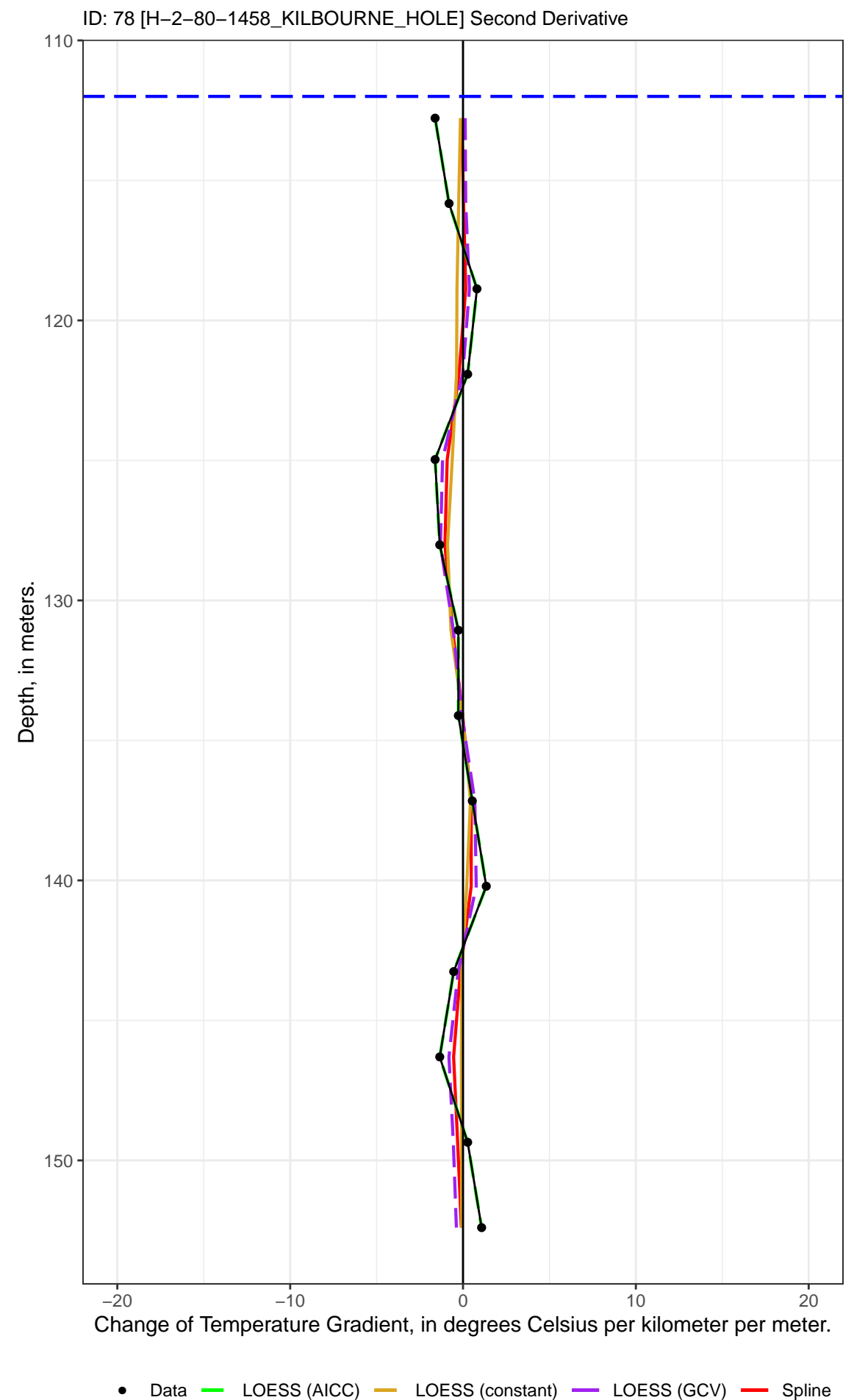
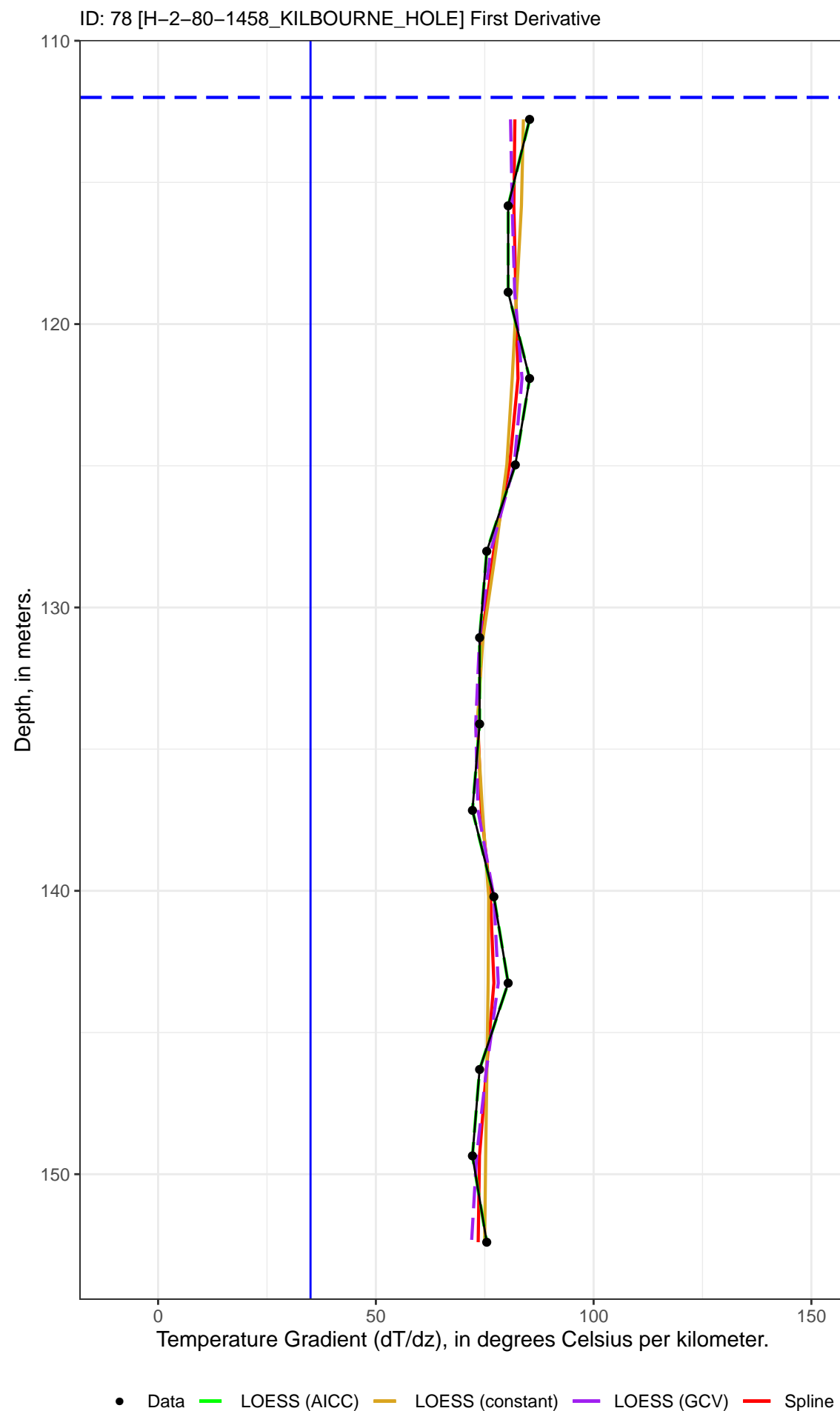
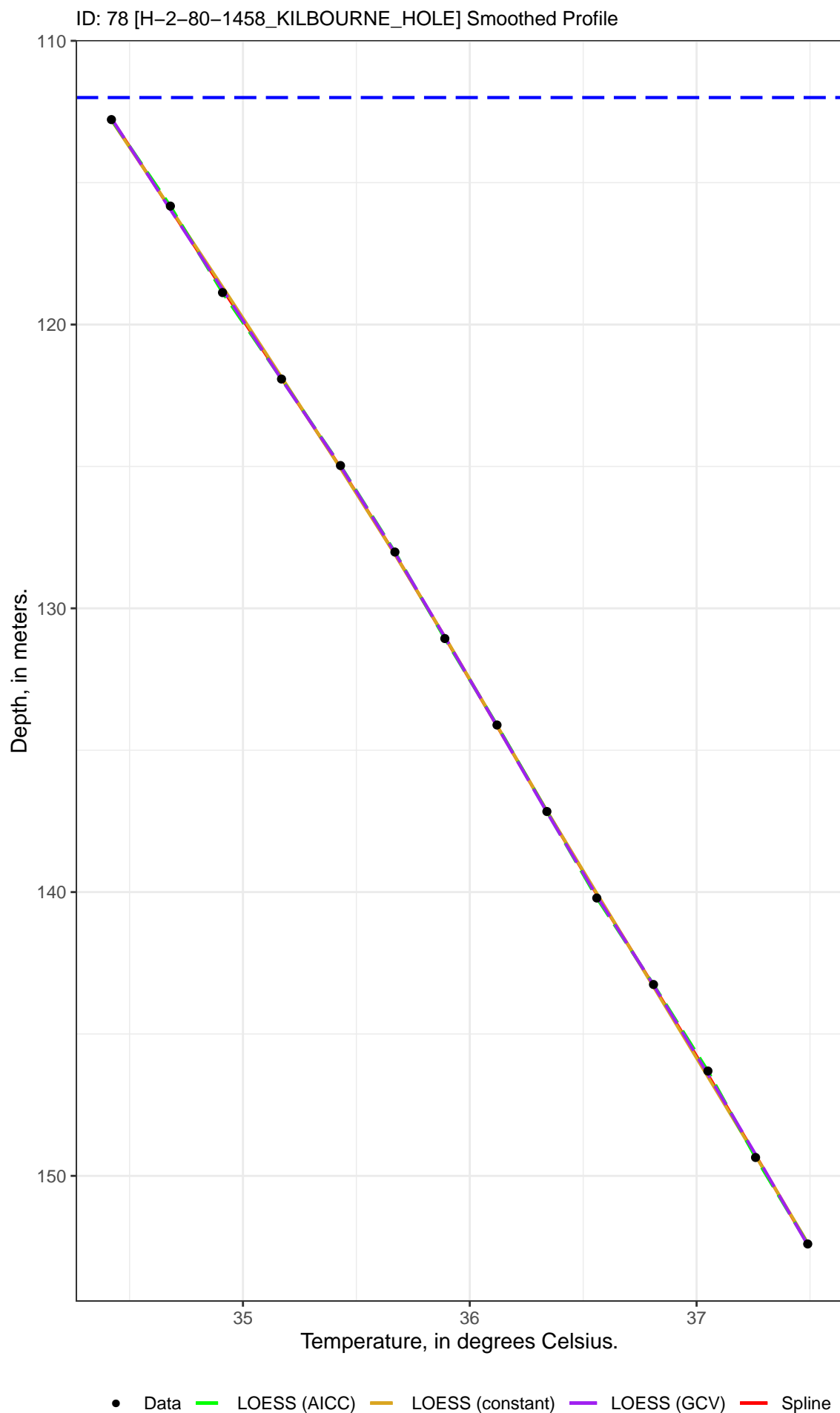
ID: 77 [H-2-80-1457_KILBOURNE_HOLE] Second Derivative



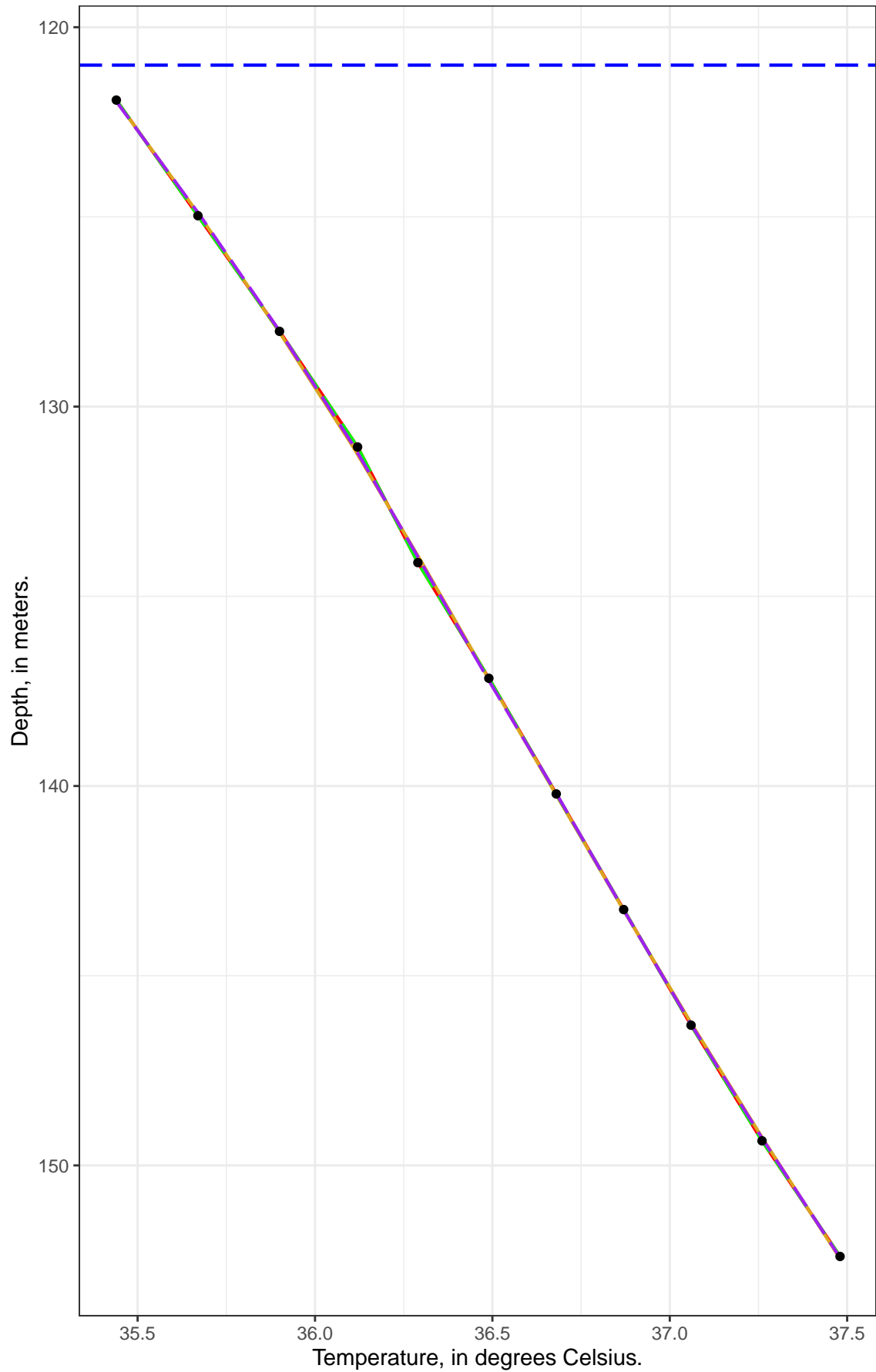
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

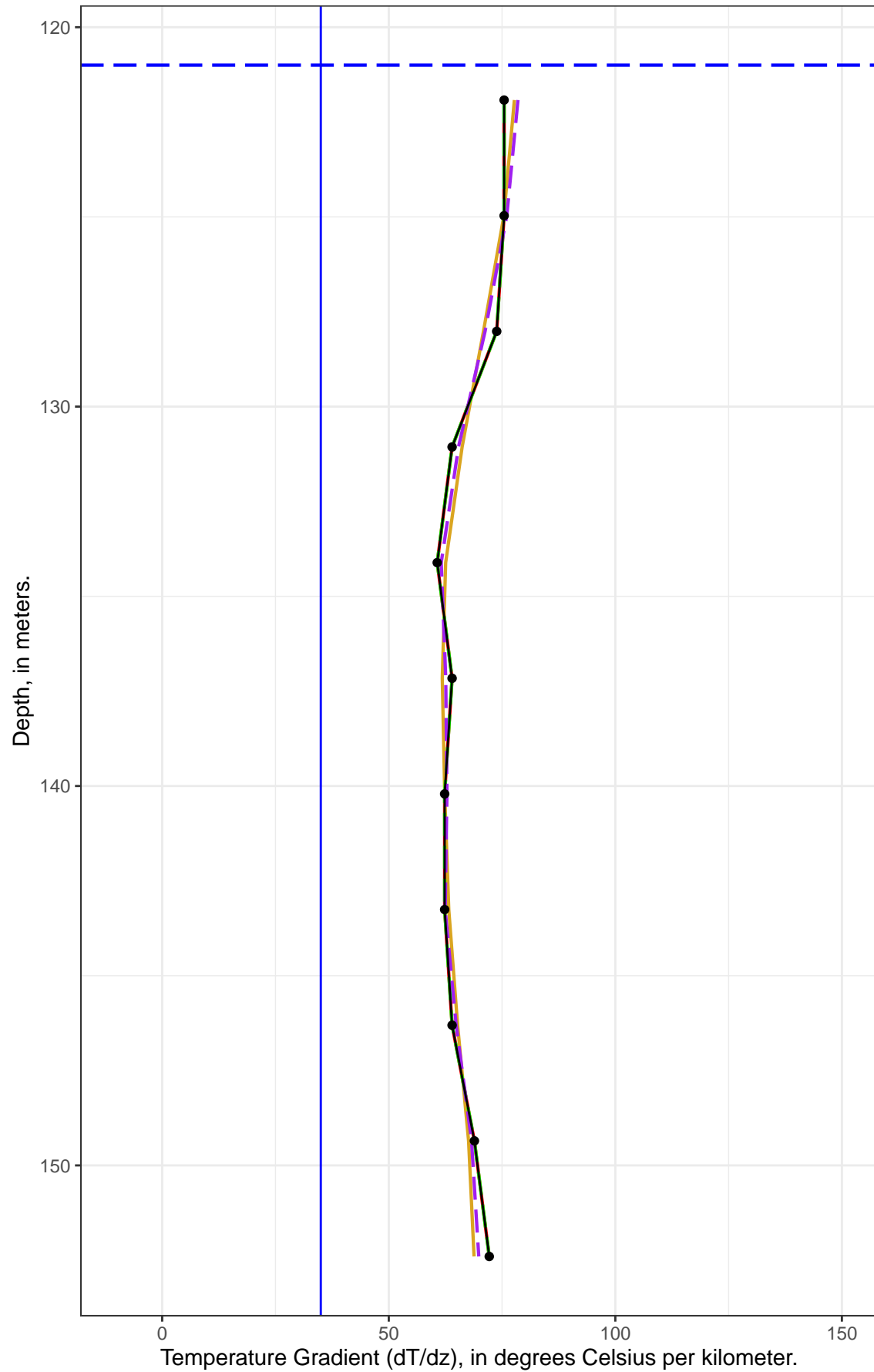
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline



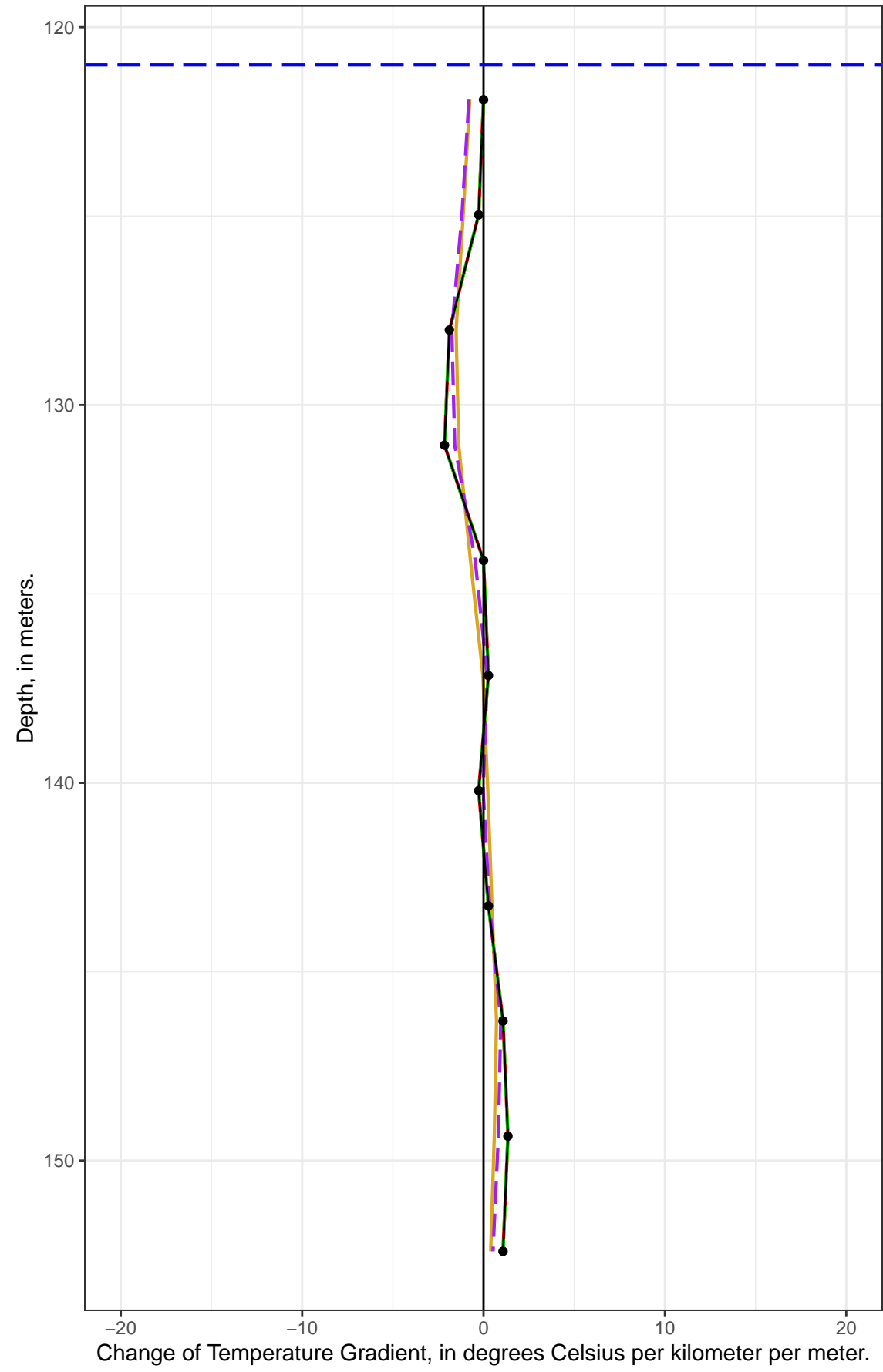
ID: 79 [H-2-80-1459_KILBOURNE_HOLE] Smoothed Profile



ID: 79 [H-2-80-1459_KILBOURNE_HOLE] First Derivative



ID: 79 [H-2-80-1459_KILBOURNE_HOLE] Second Derivative

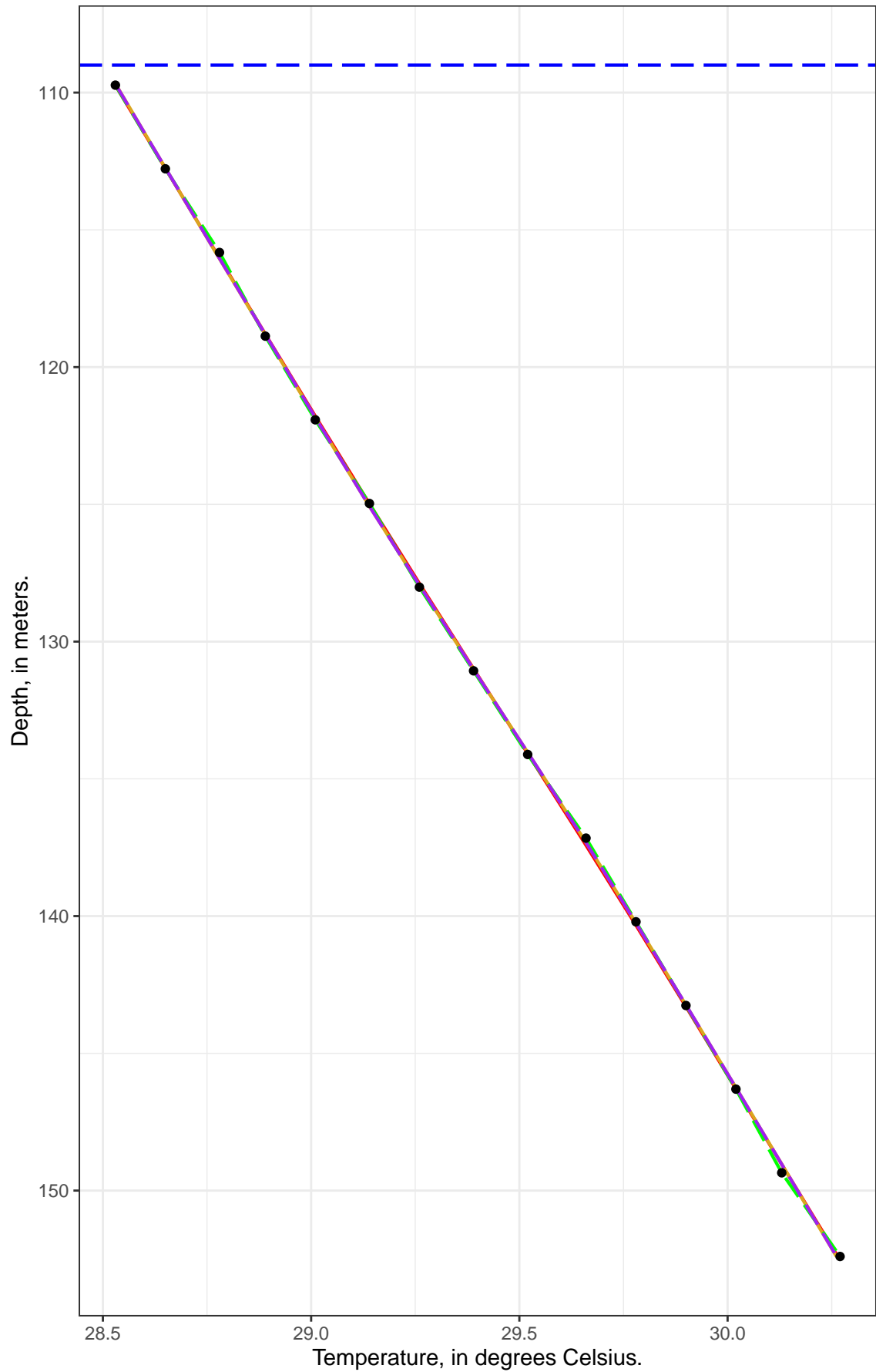


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

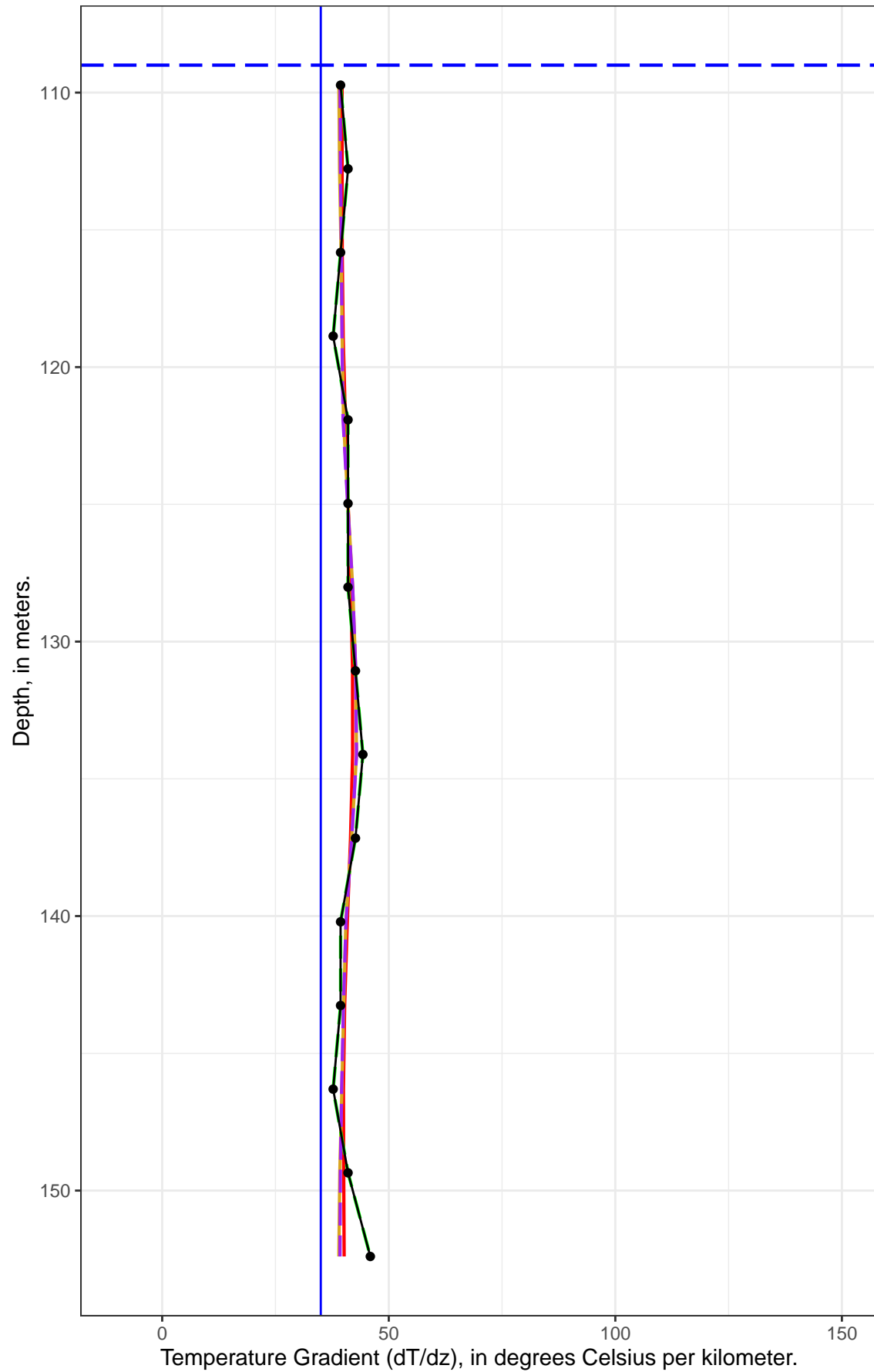
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

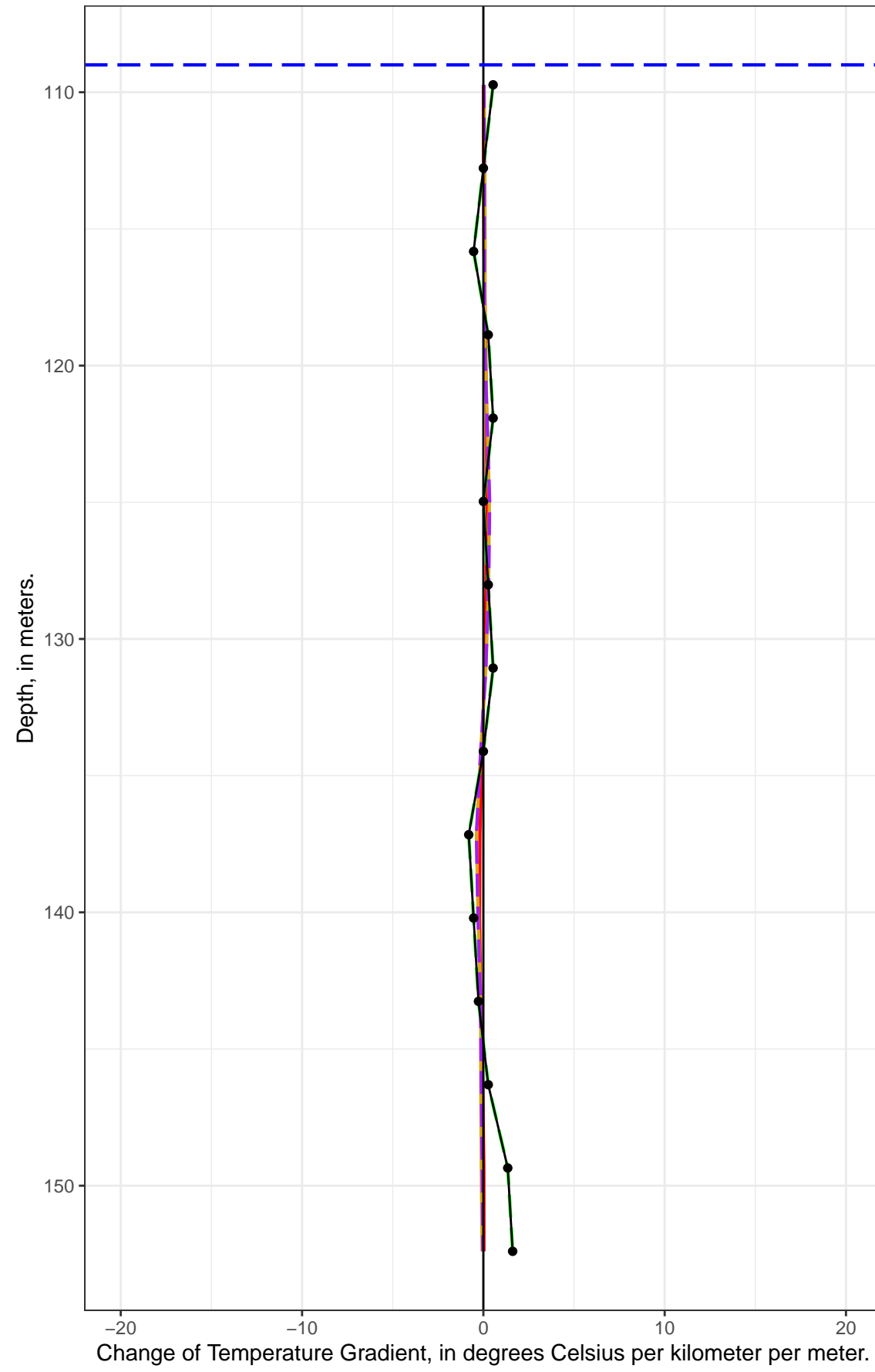
ID: 80 [H-2-80-1460_KILBOURNE_HOLE] Smoothed Profile



ID: 80 [H-2-80-1460_KILBOURNE_HOLE] First Derivative



ID: 80 [H-2-80-1460_KILBOURNE_HOLE] Second Derivative

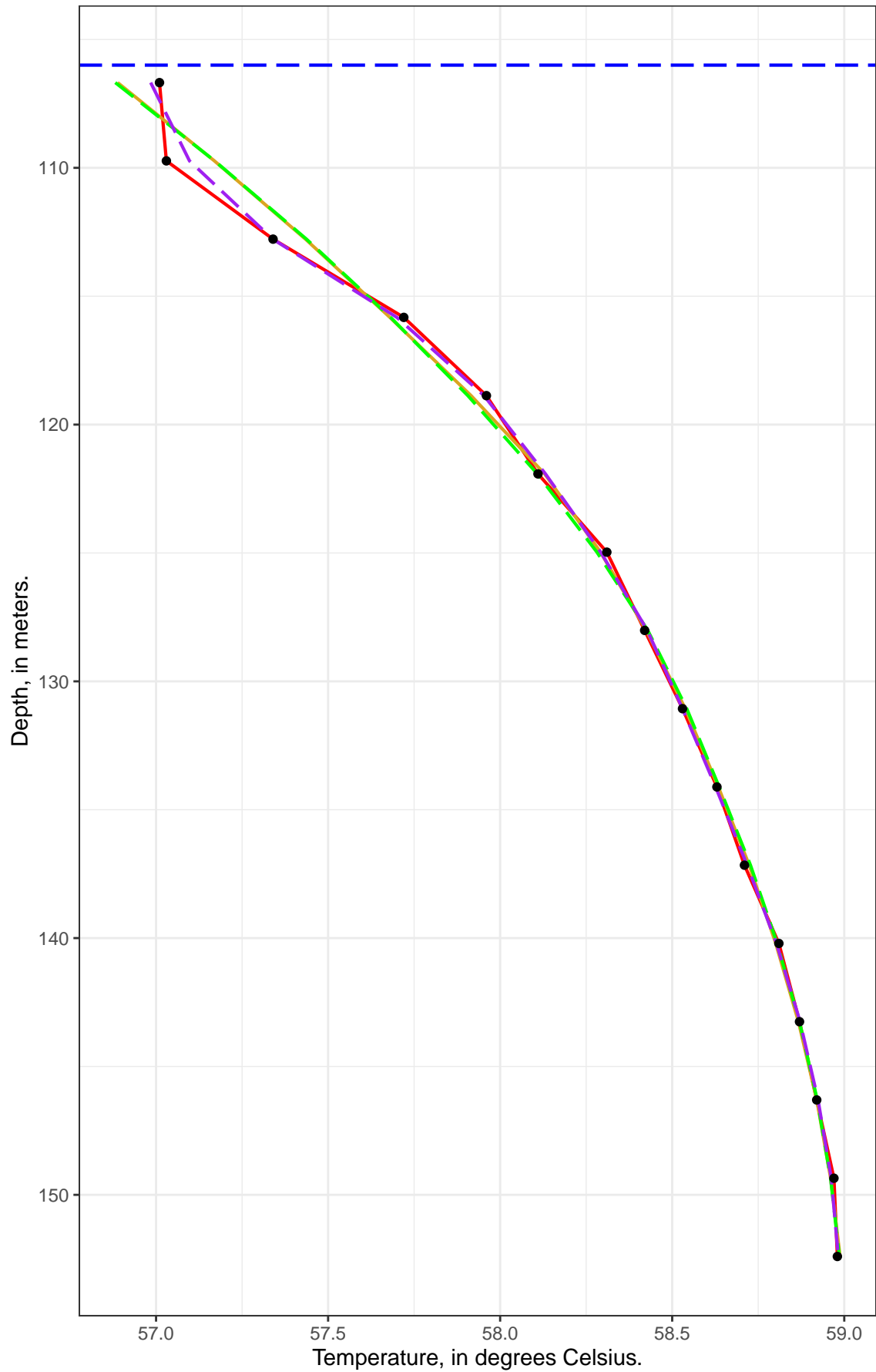


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

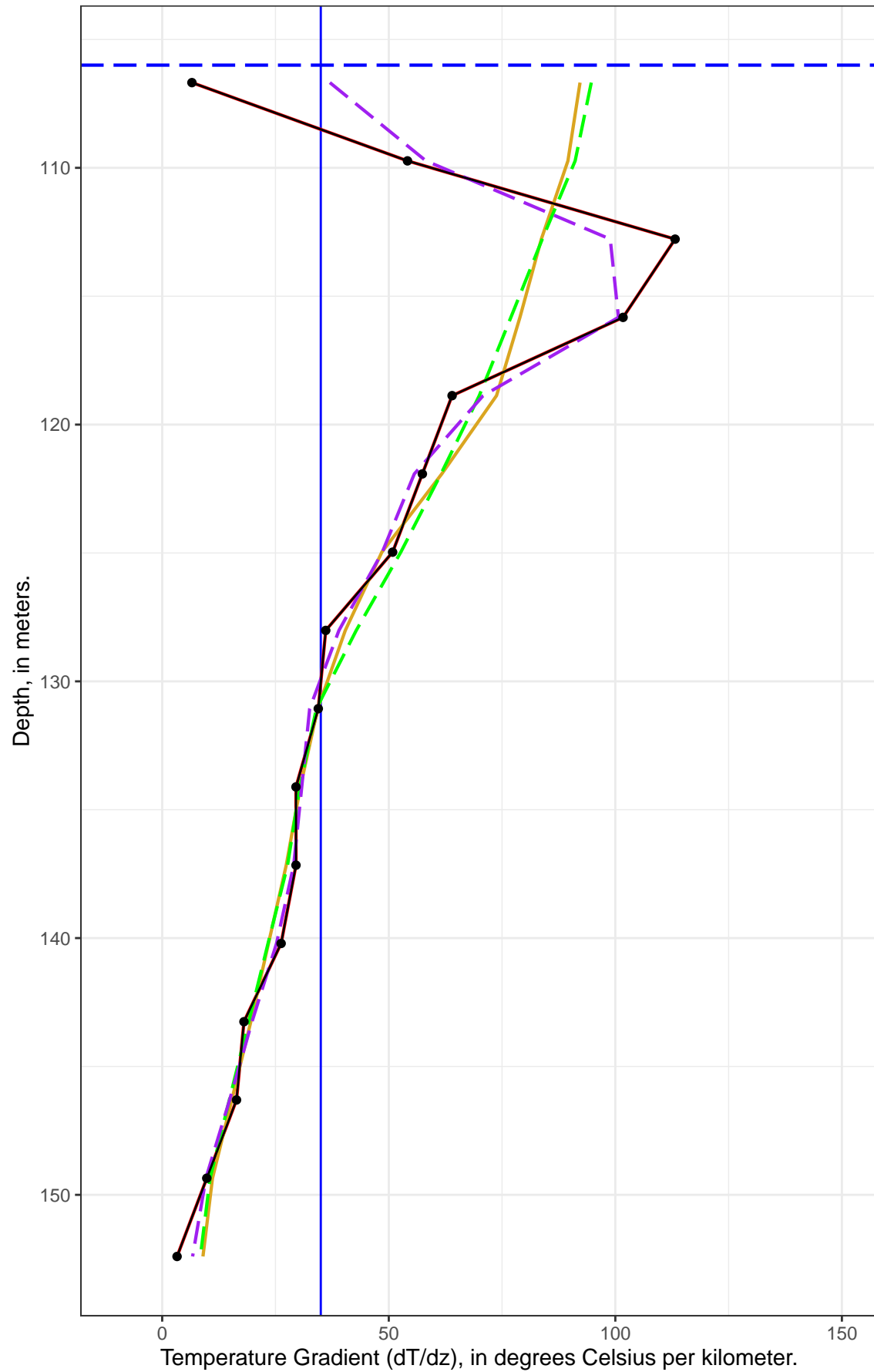
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

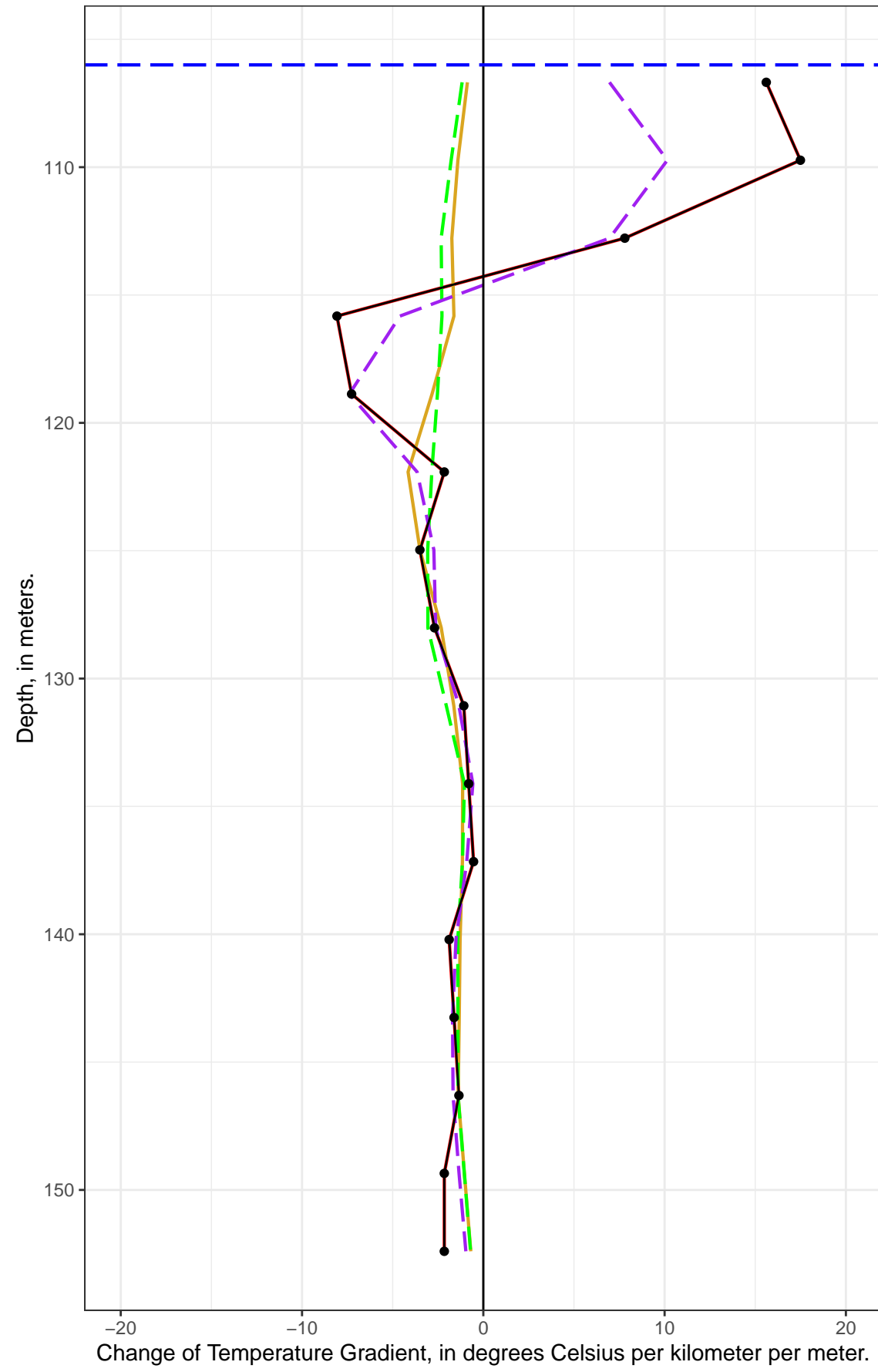
ID: 82 [H-2-80-1462_KILBOURNE_HOLE] Smoothed Profile



ID: 82 [H-2-80-1462_KILBOURNE_HOLE] First Derivative



ID: 82 [H-2-80-1462_KILBOURNE_HOLE] Second Derivative

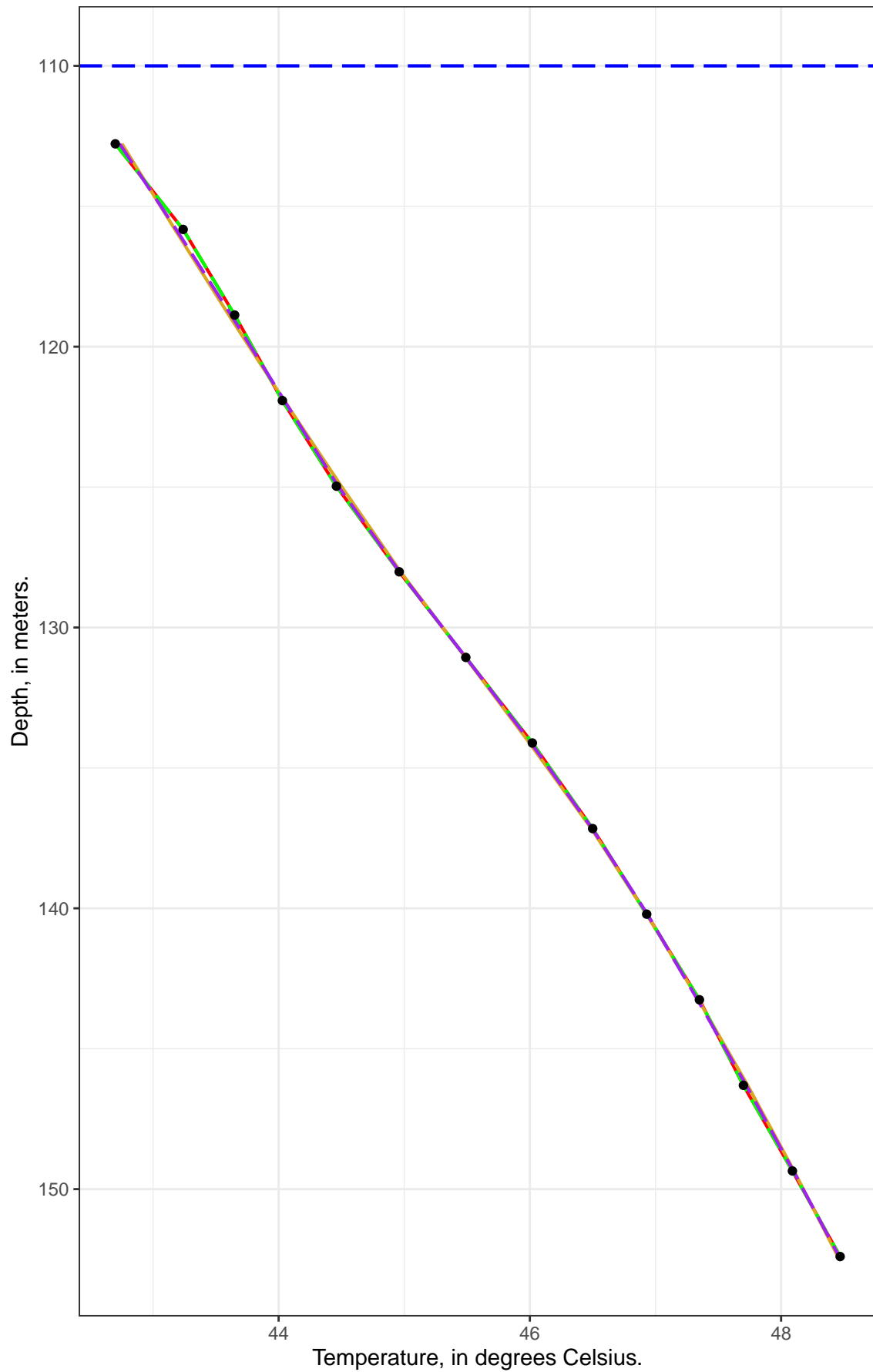


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

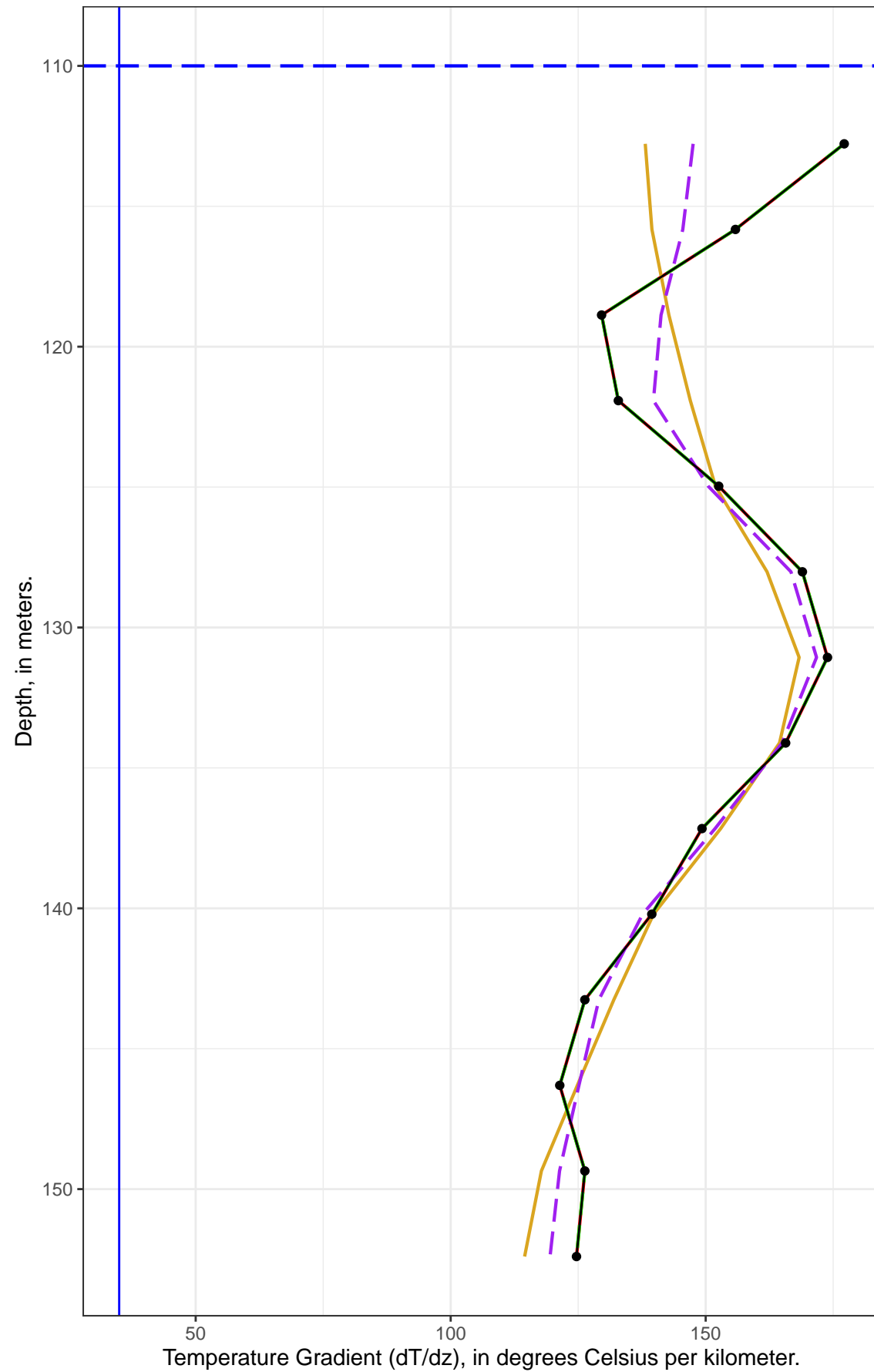
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 83 [H-2-80-1464_KILBOURNE_HOLE] Smoothed Profile



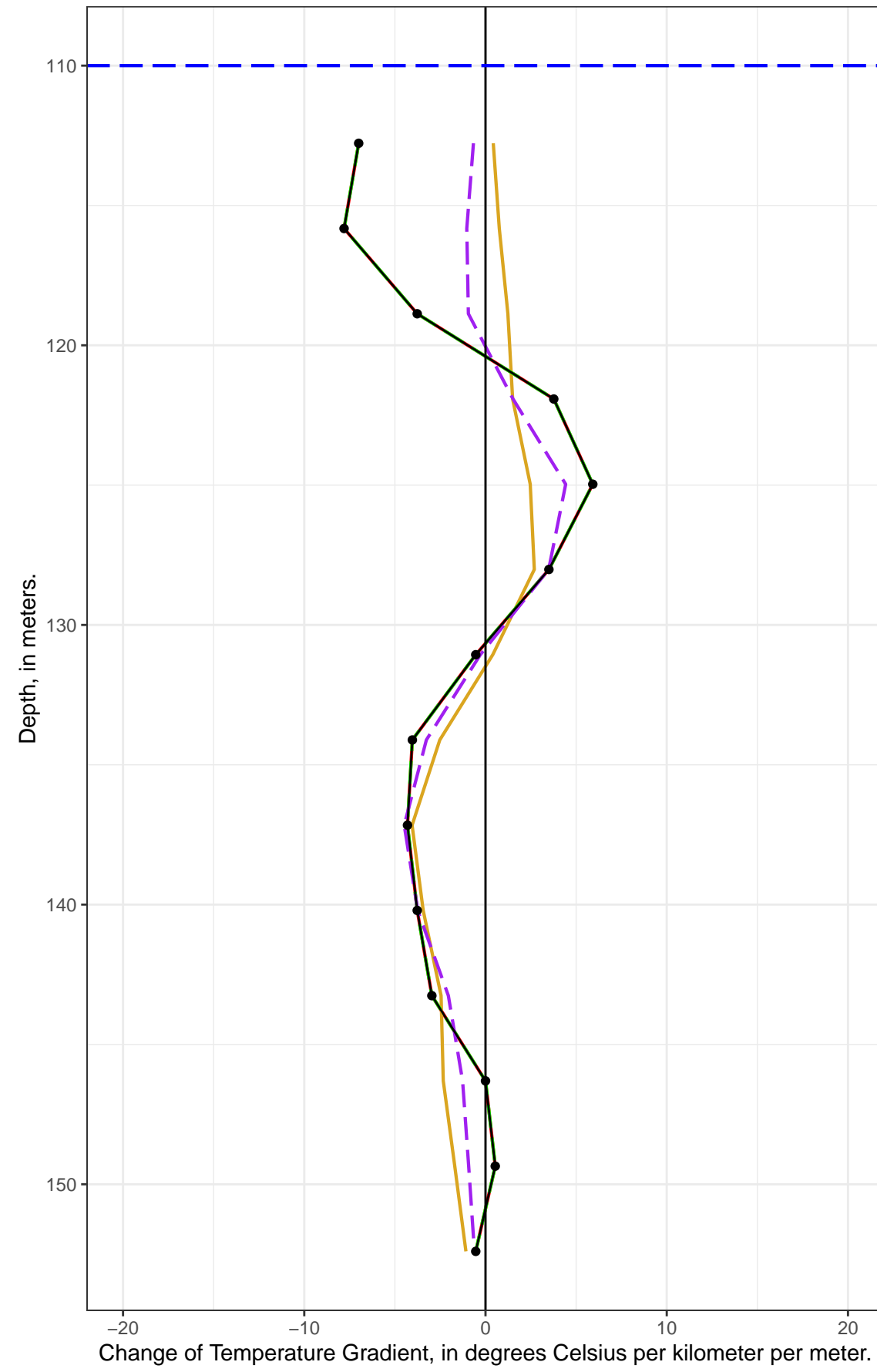
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 83 [H-2-80-1464_KILBOURNE_HOLE] First Derivative



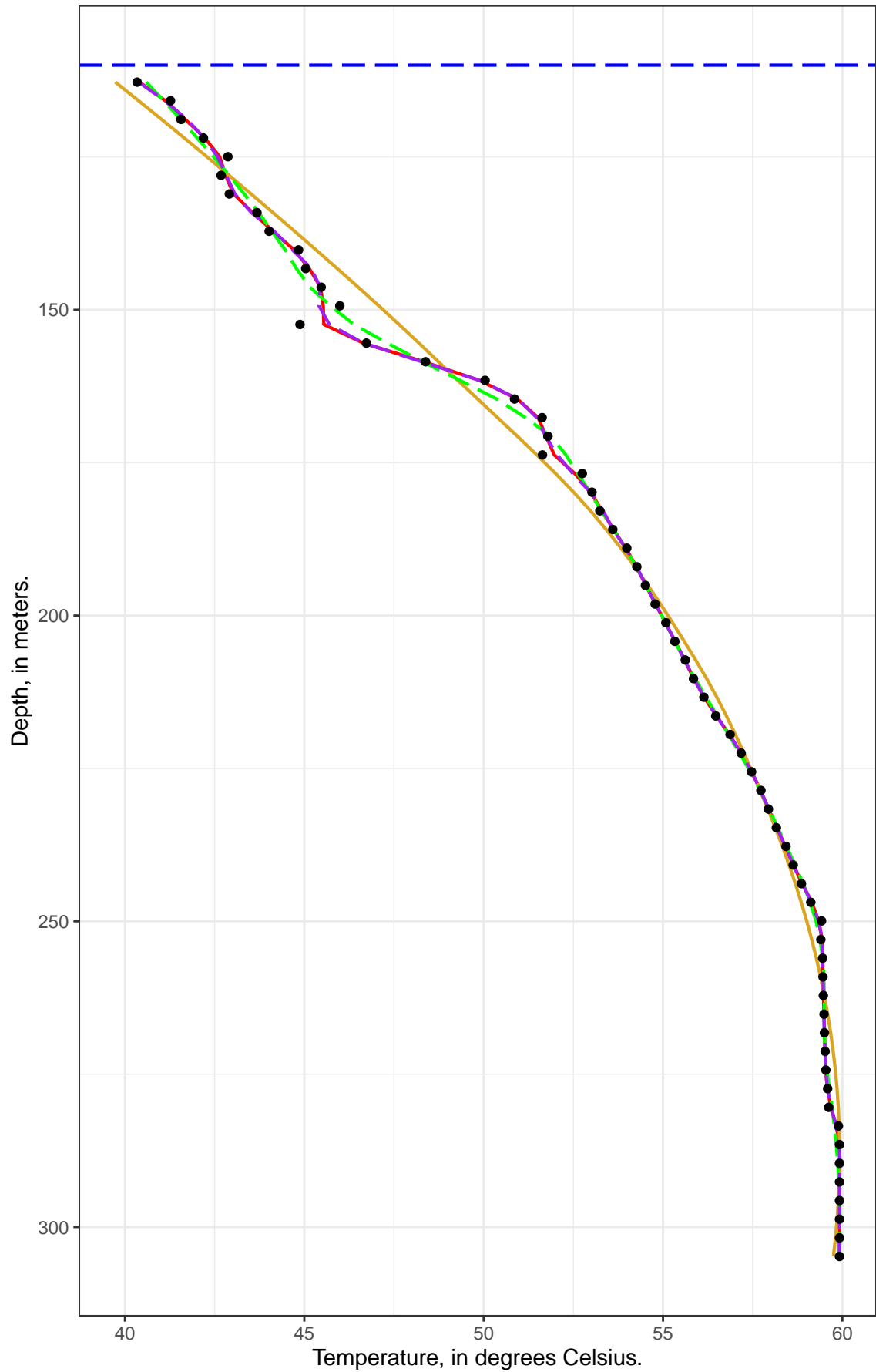
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 83 [H-2-80-1464_KILBOURNE_HOLE] Second Derivative

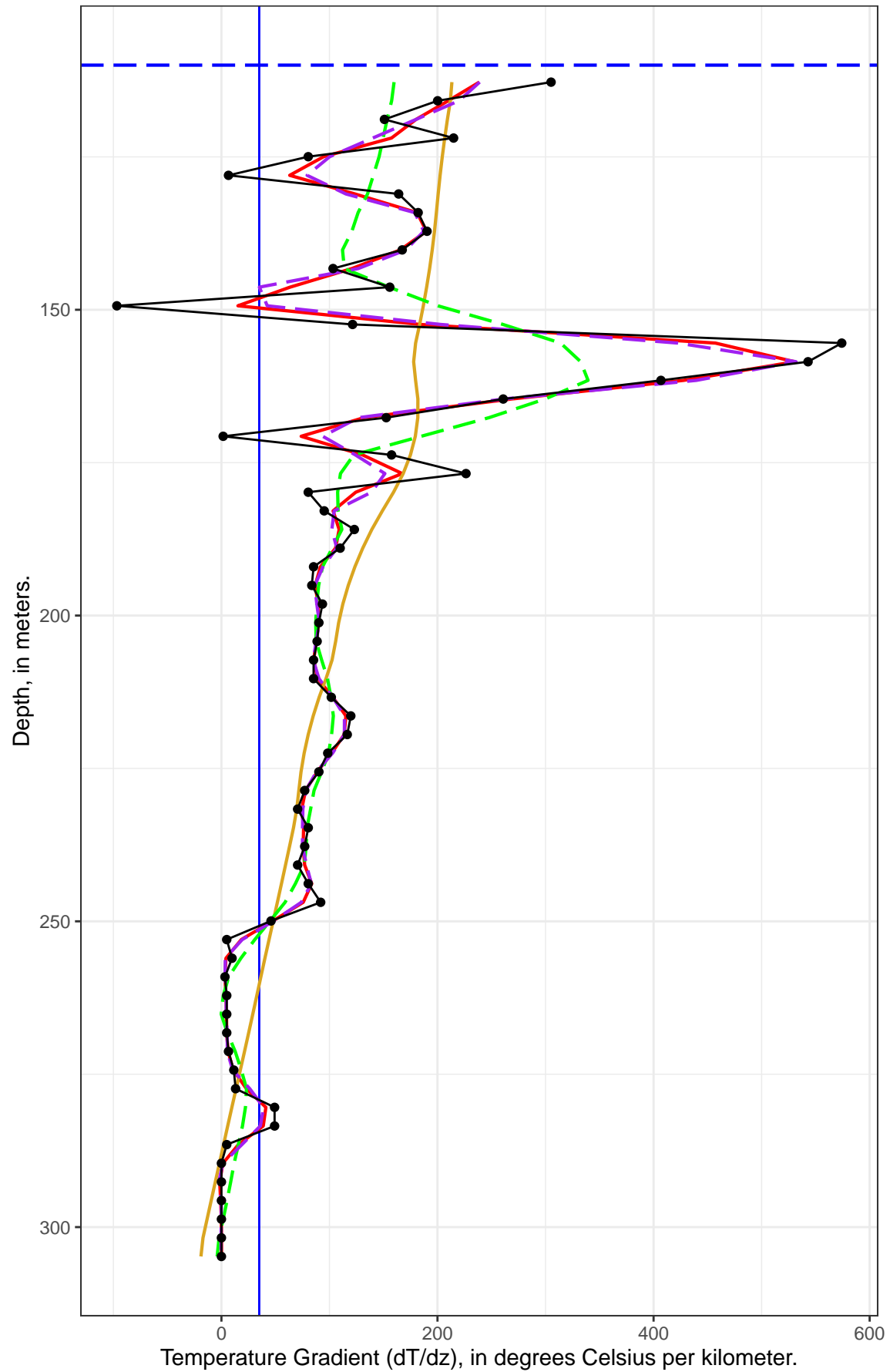


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

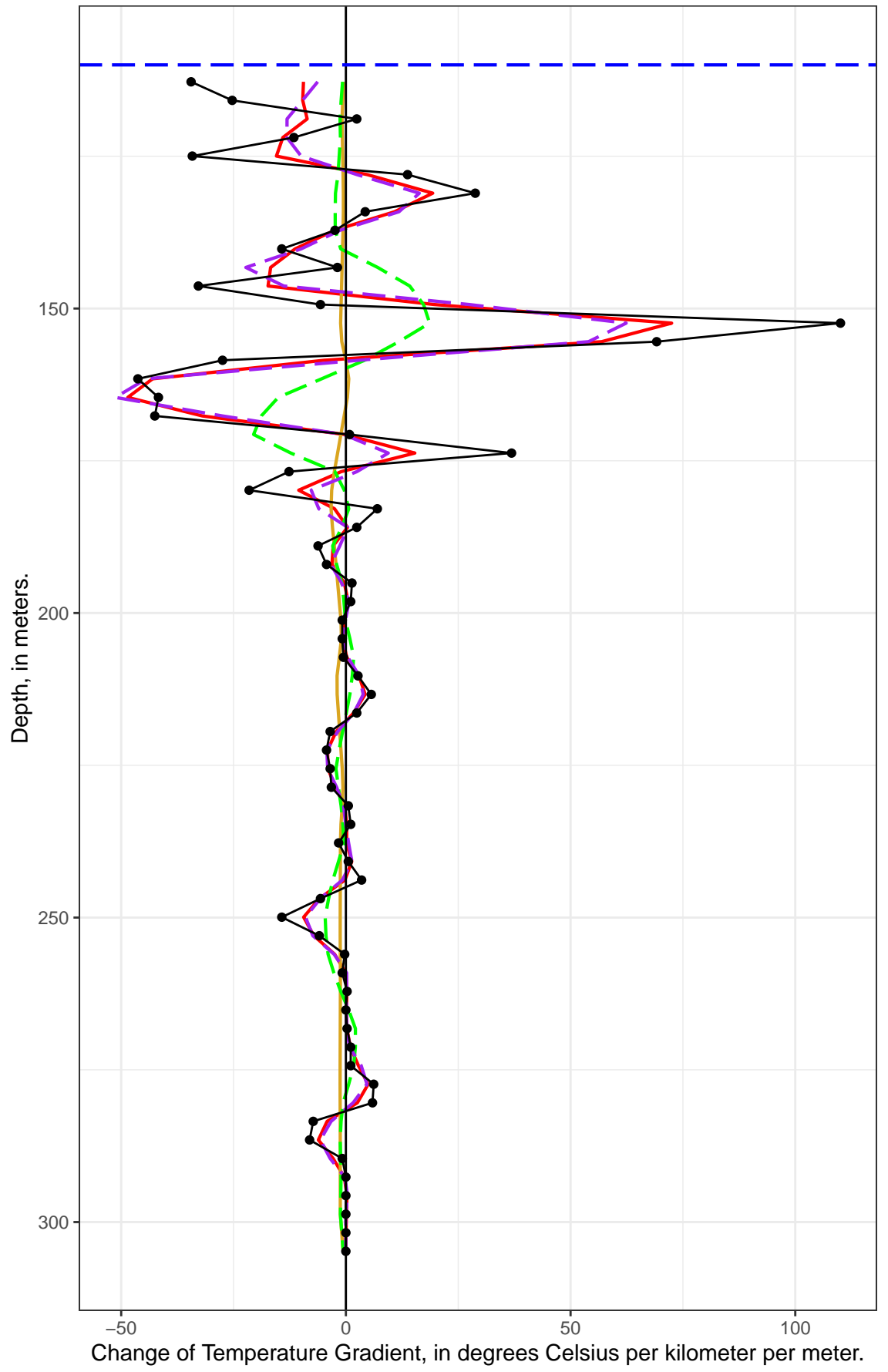
ID: 84 [H-2-80-1464B_KILBOURNE_HOLE] Smoothed Profile



ID: 84 [H-2-80-1464B_KILBOURNE_HOLE] First Derivative



ID: 84 [H-2-80-1464B_KILBOURNE_HOLE] Second Derivative

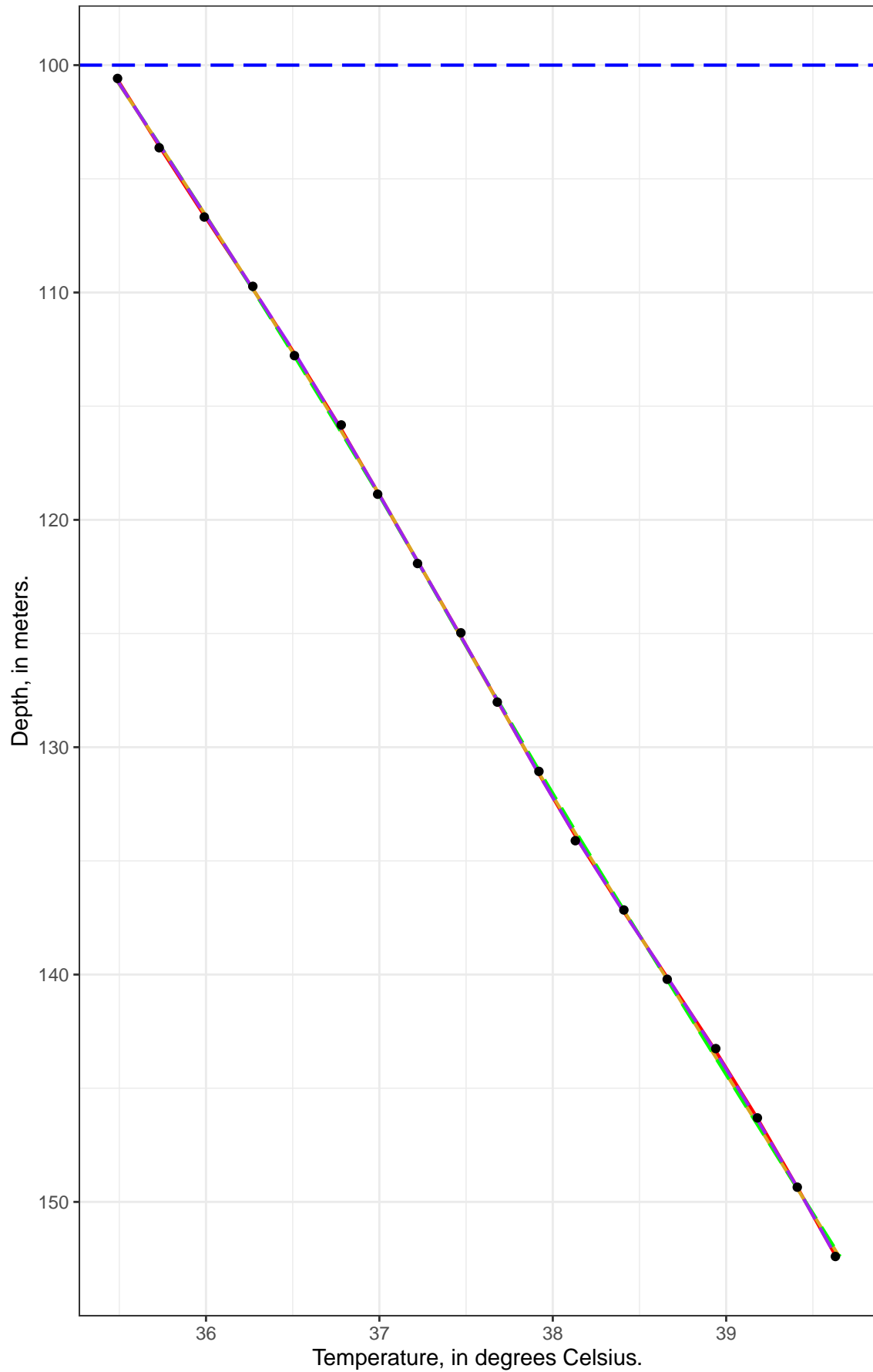


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

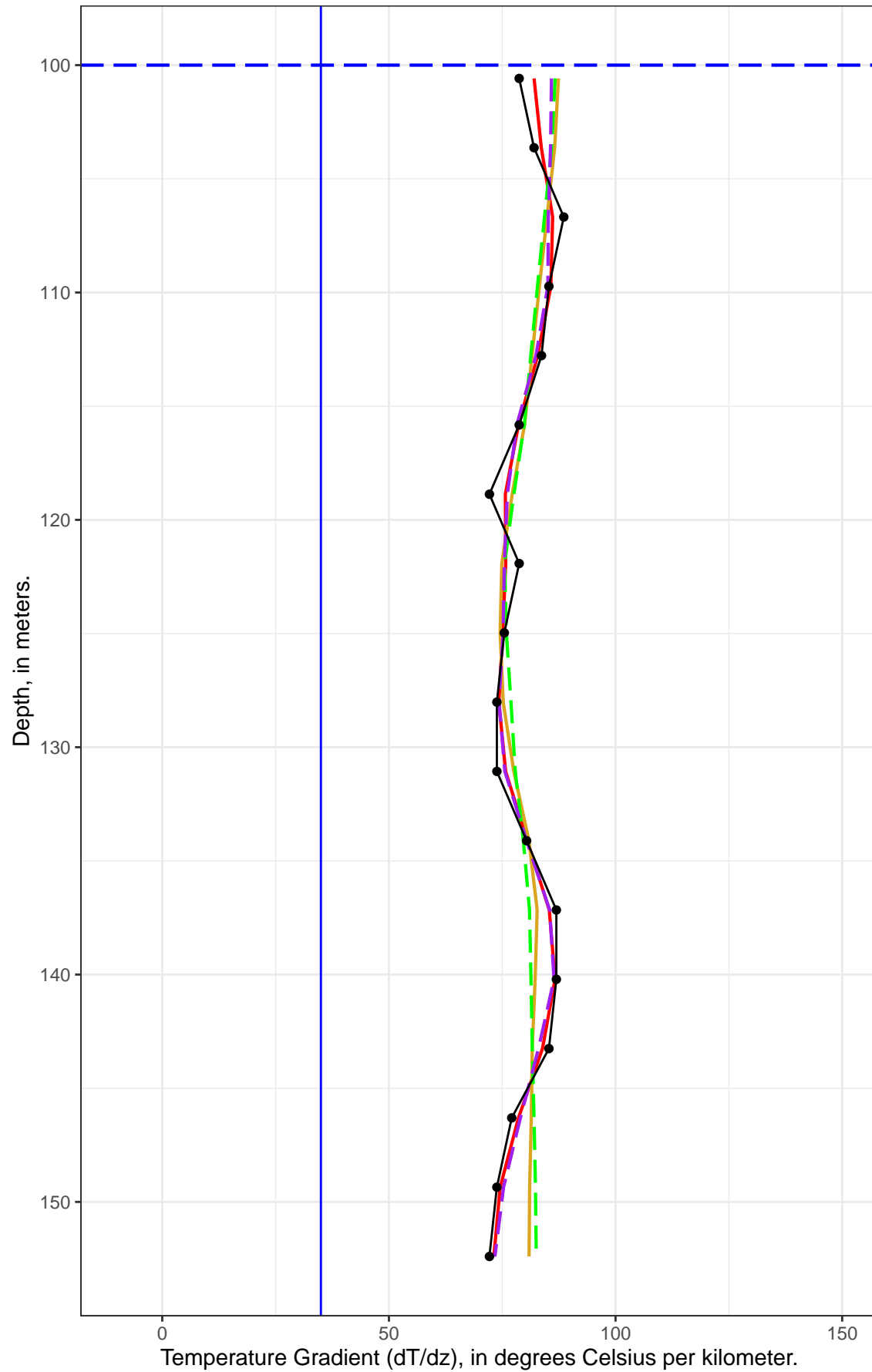
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

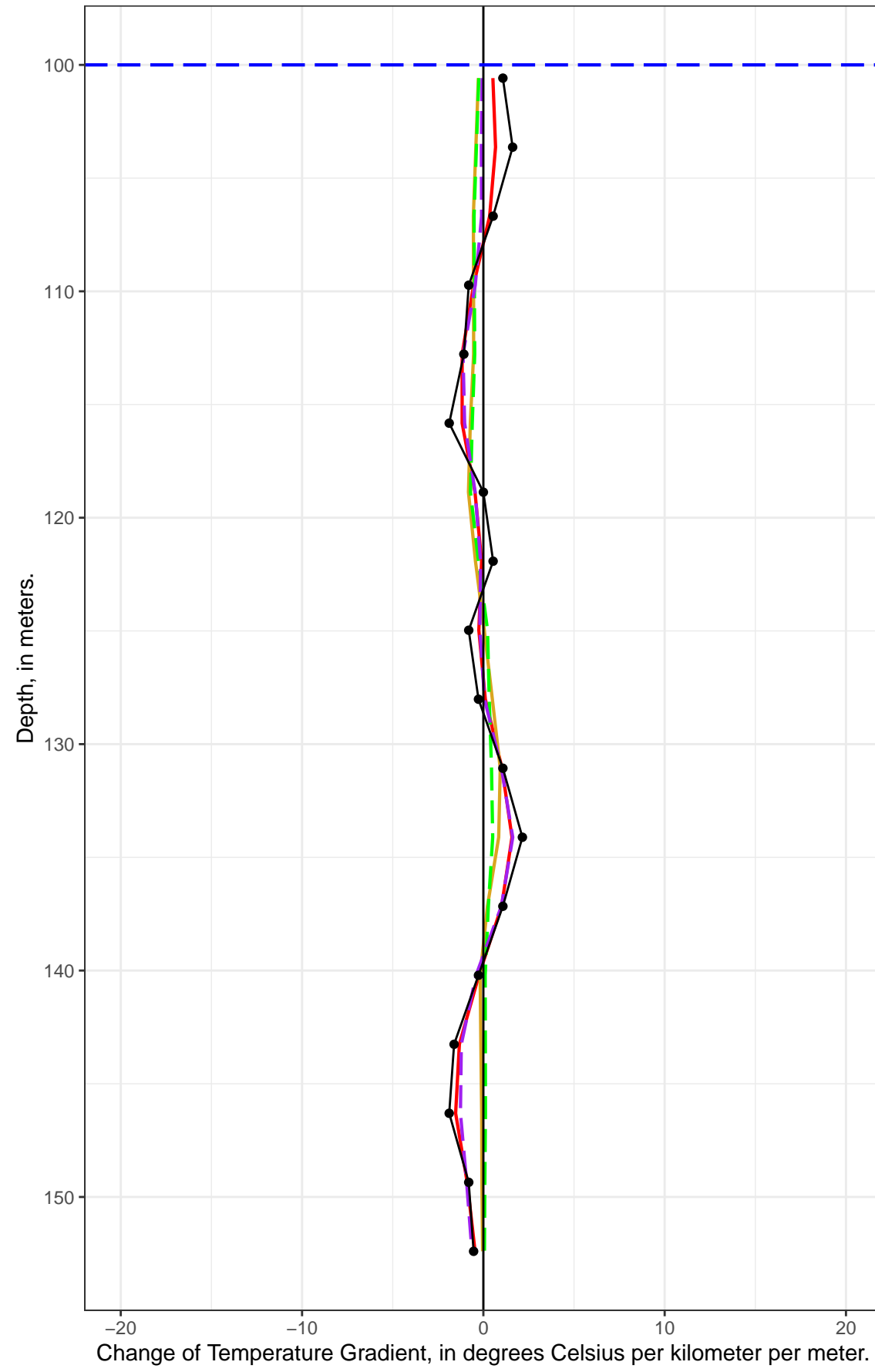
ID: 85 [H-2-80-1465_KILBOURNE_HOLE] Smoothed Profile



ID: 85 [H-2-80-1465_KILBOURNE_HOLE] First Derivative



ID: 85 [H-2-80-1465_KILBOURNE_HOLE] Second Derivative

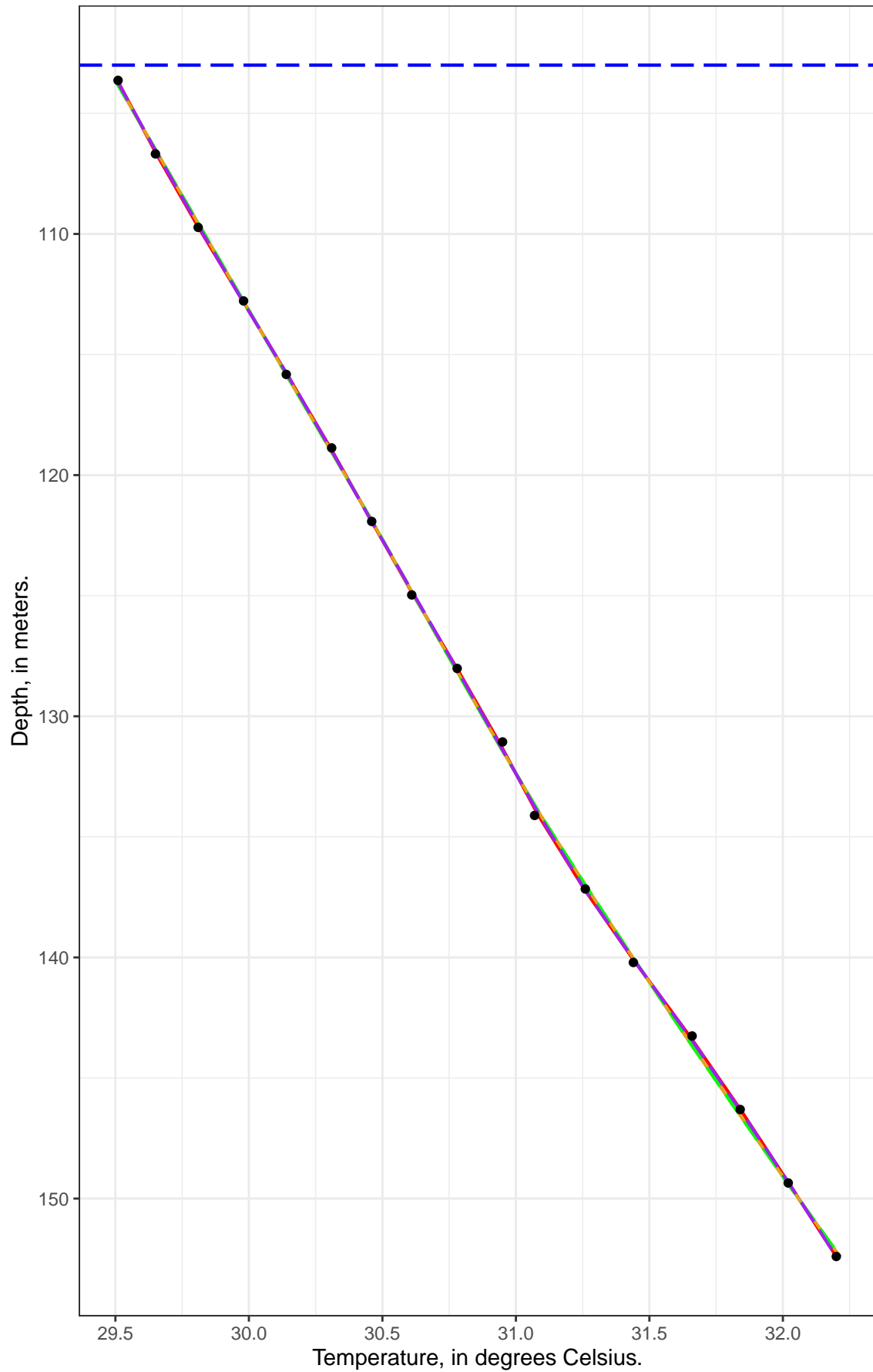


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

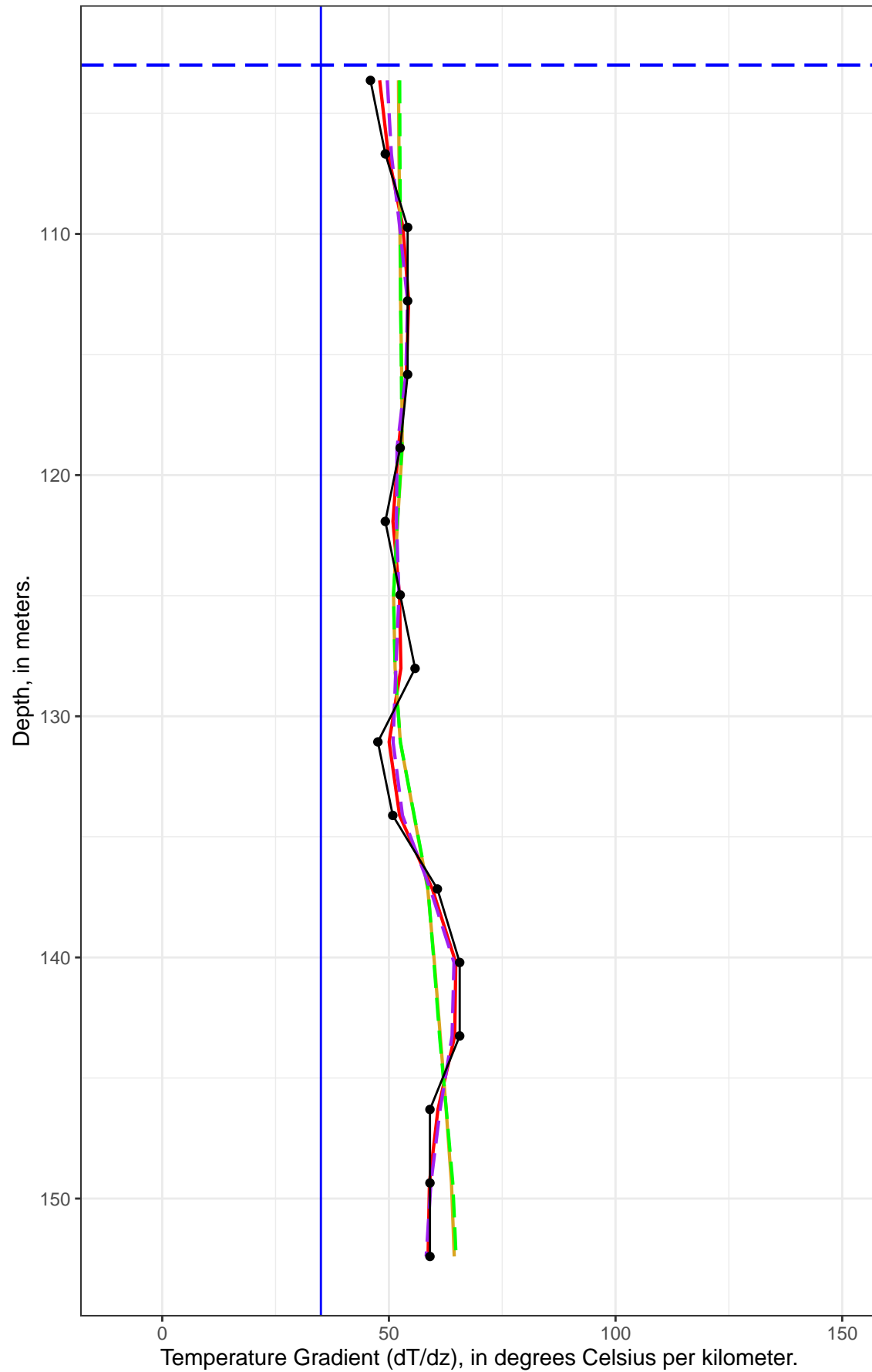
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

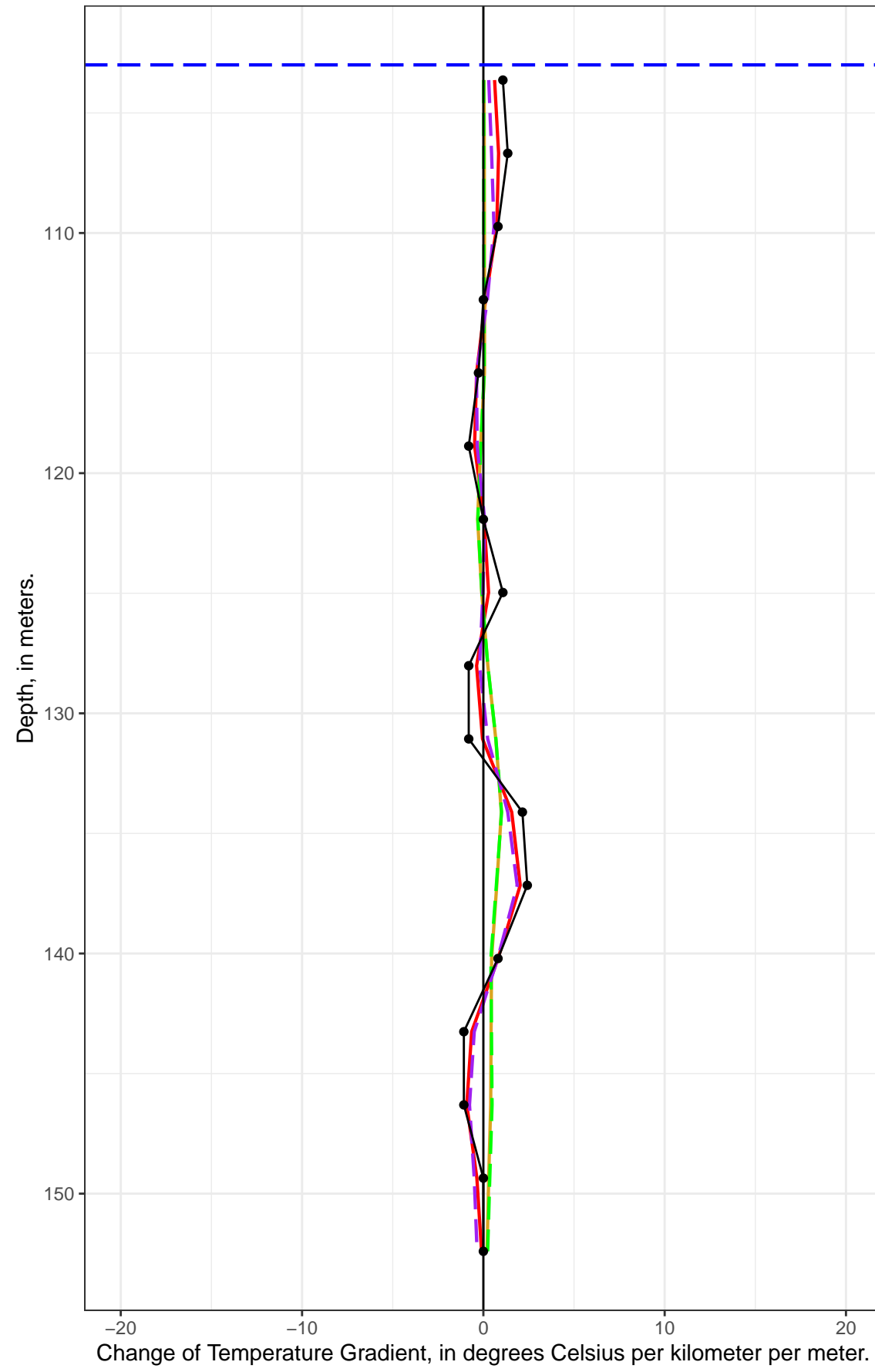
ID: 86 [H-2-80-1466_KILBOURNE_HOLE] Smoothed Profile



ID: 86 [H-2-80-1466_KILBOURNE_HOLE] First Derivative



ID: 86 [H-2-80-1466_KILBOURNE_HOLE] Second Derivative

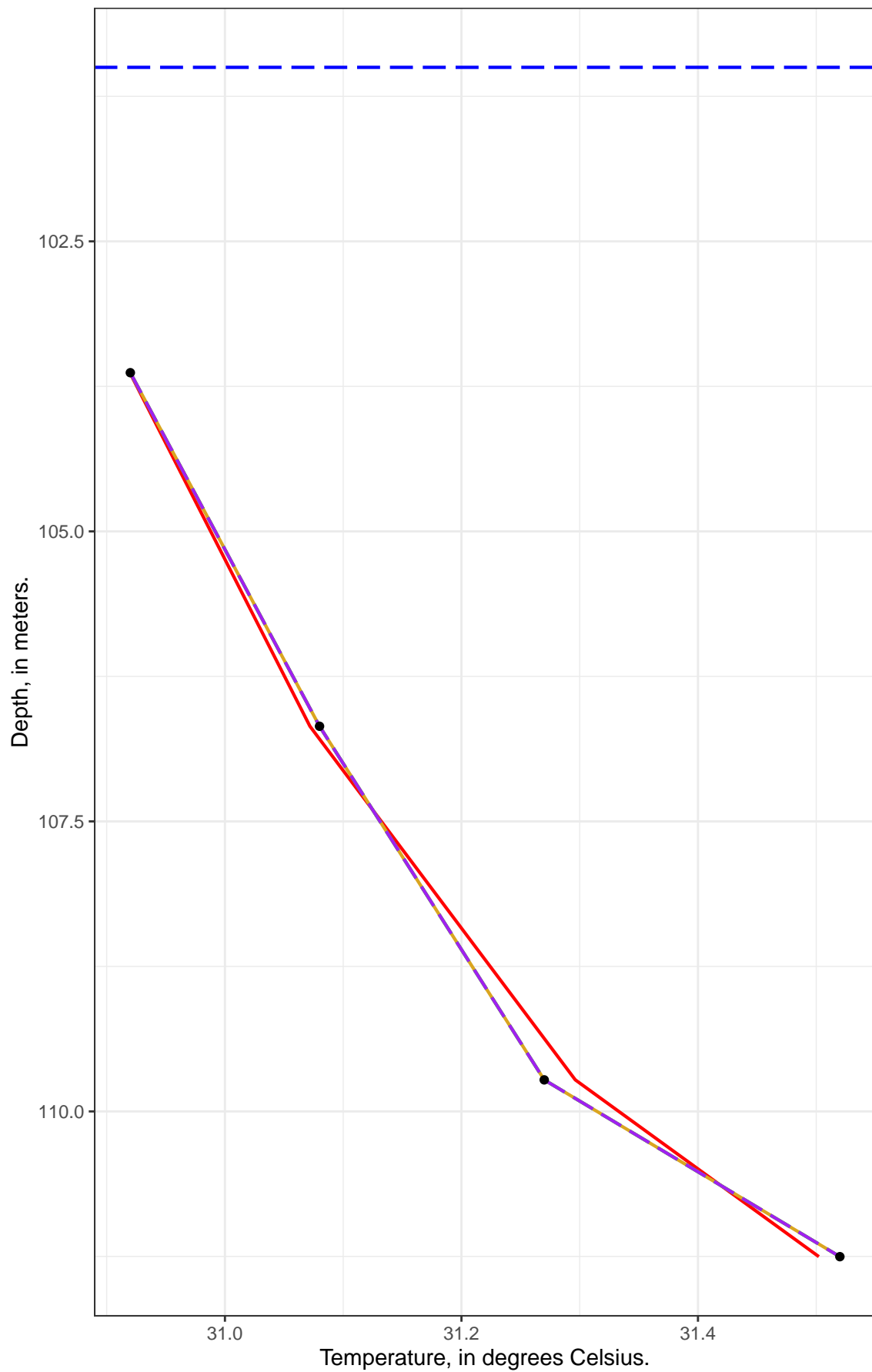


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

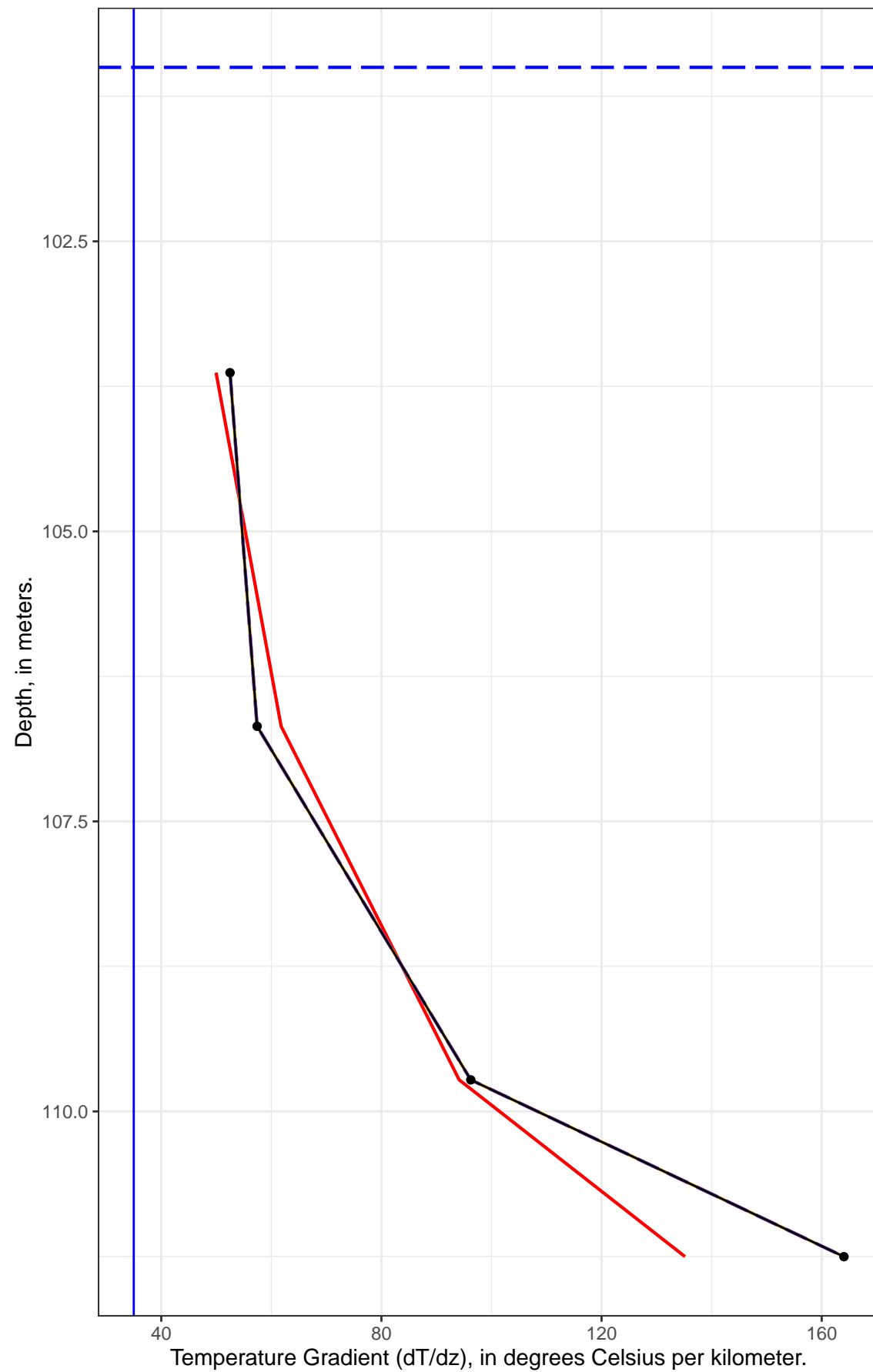
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

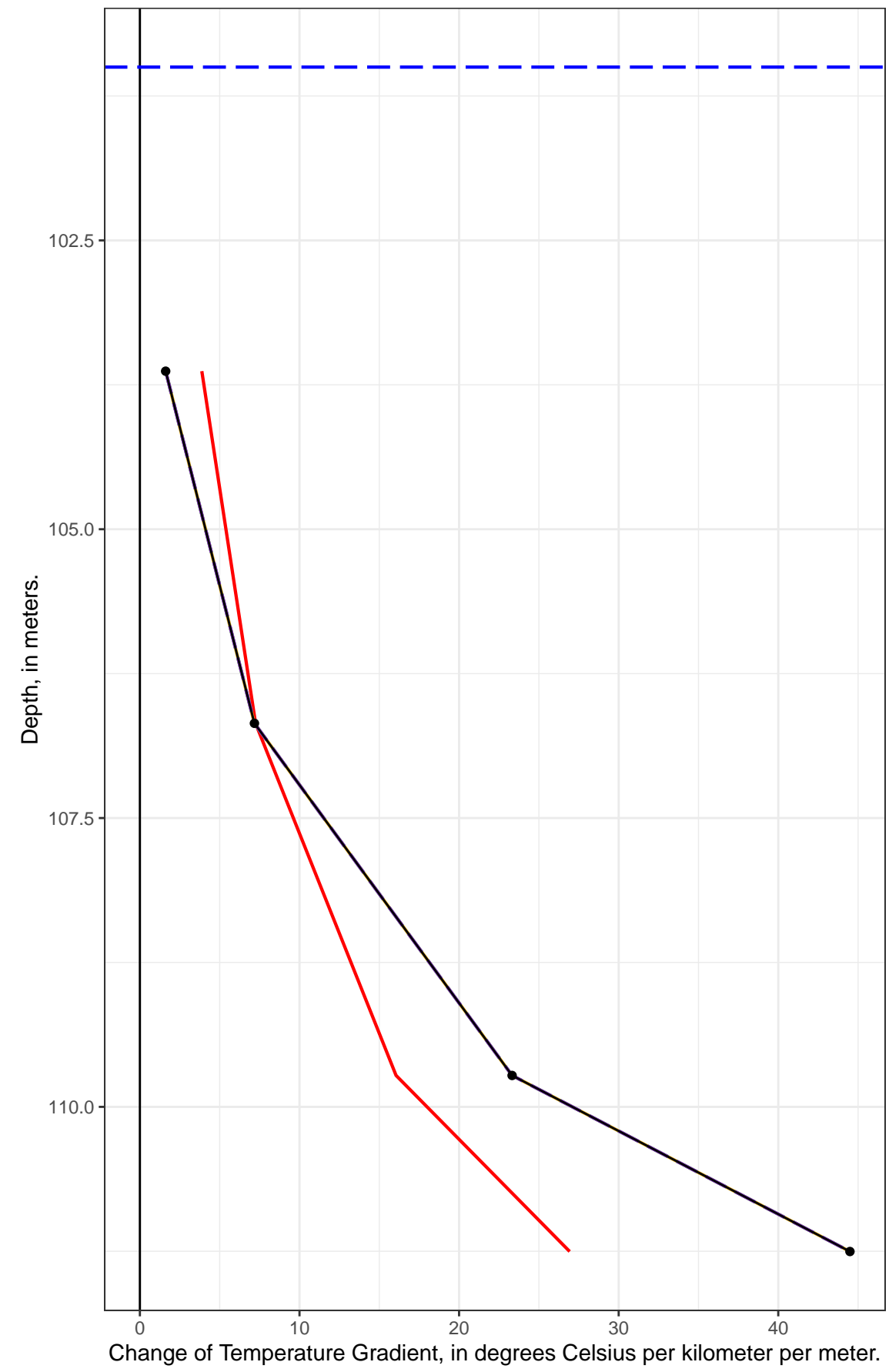
ID: 88 [H-2-80-1473_KILBOURNE_HOLE] Smoothed Profile



ID: 88 [H-2-80-1473_KILBOURNE_HOLE] First Derivative



ID: 88 [H-2-80-1473_KILBOURNE_HOLE] Second Derivative

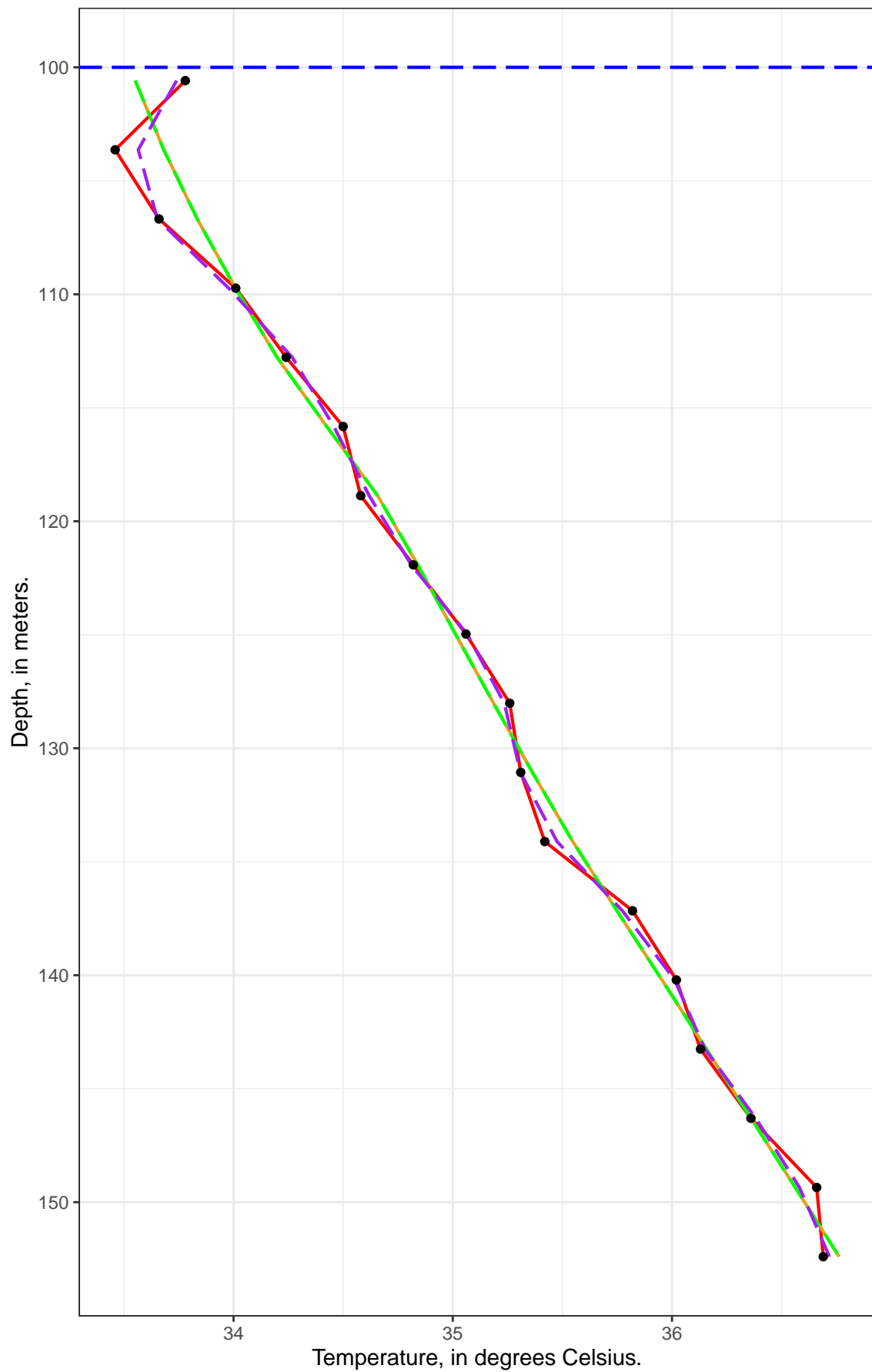


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

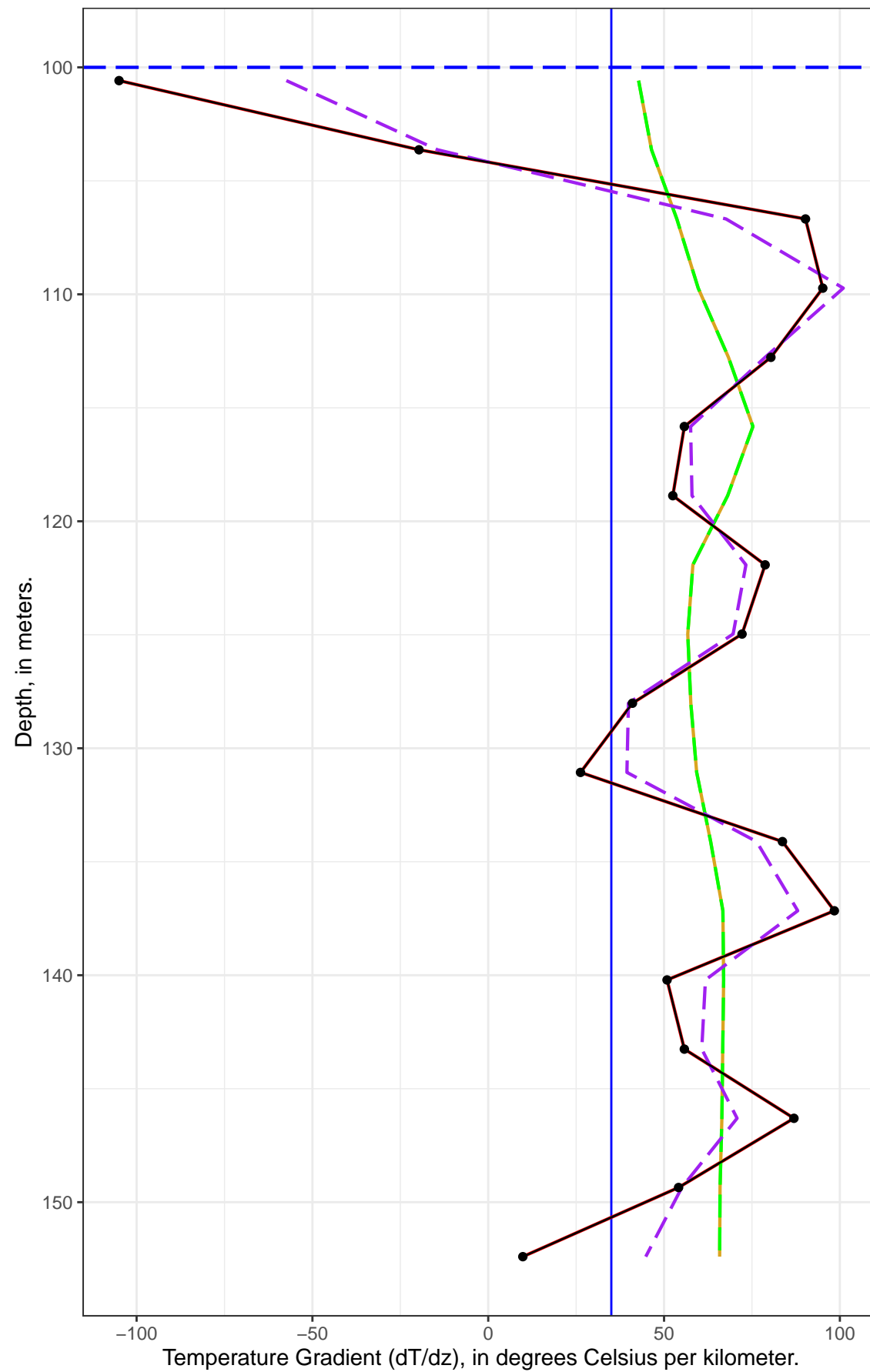
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

ID: 89 [H-2-80-1478_KILBOURNE_HOLE] Smoothed Profile



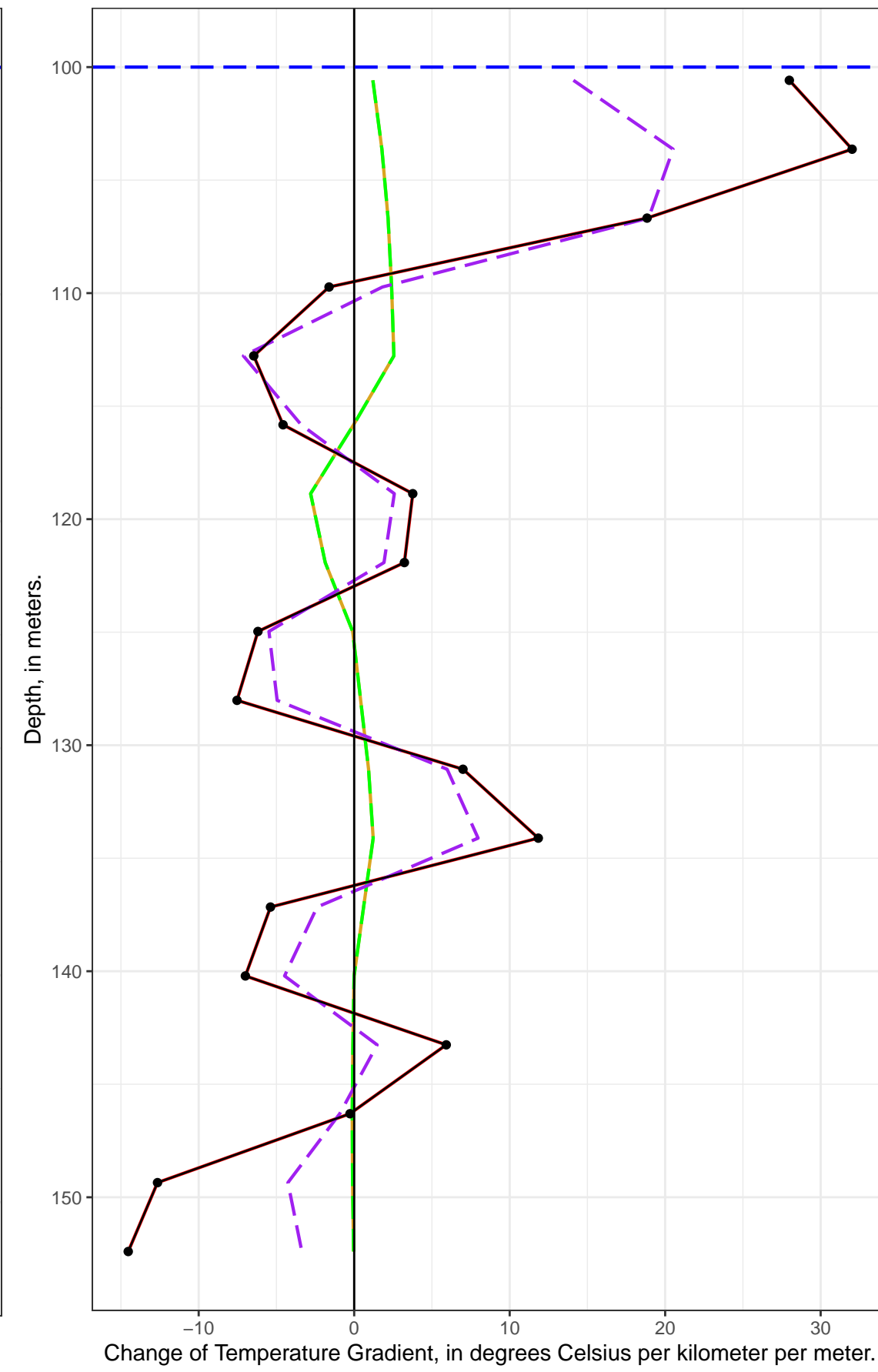
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 89 [H-2-80-1478_KILBOURNE_HOLE] First Derivative



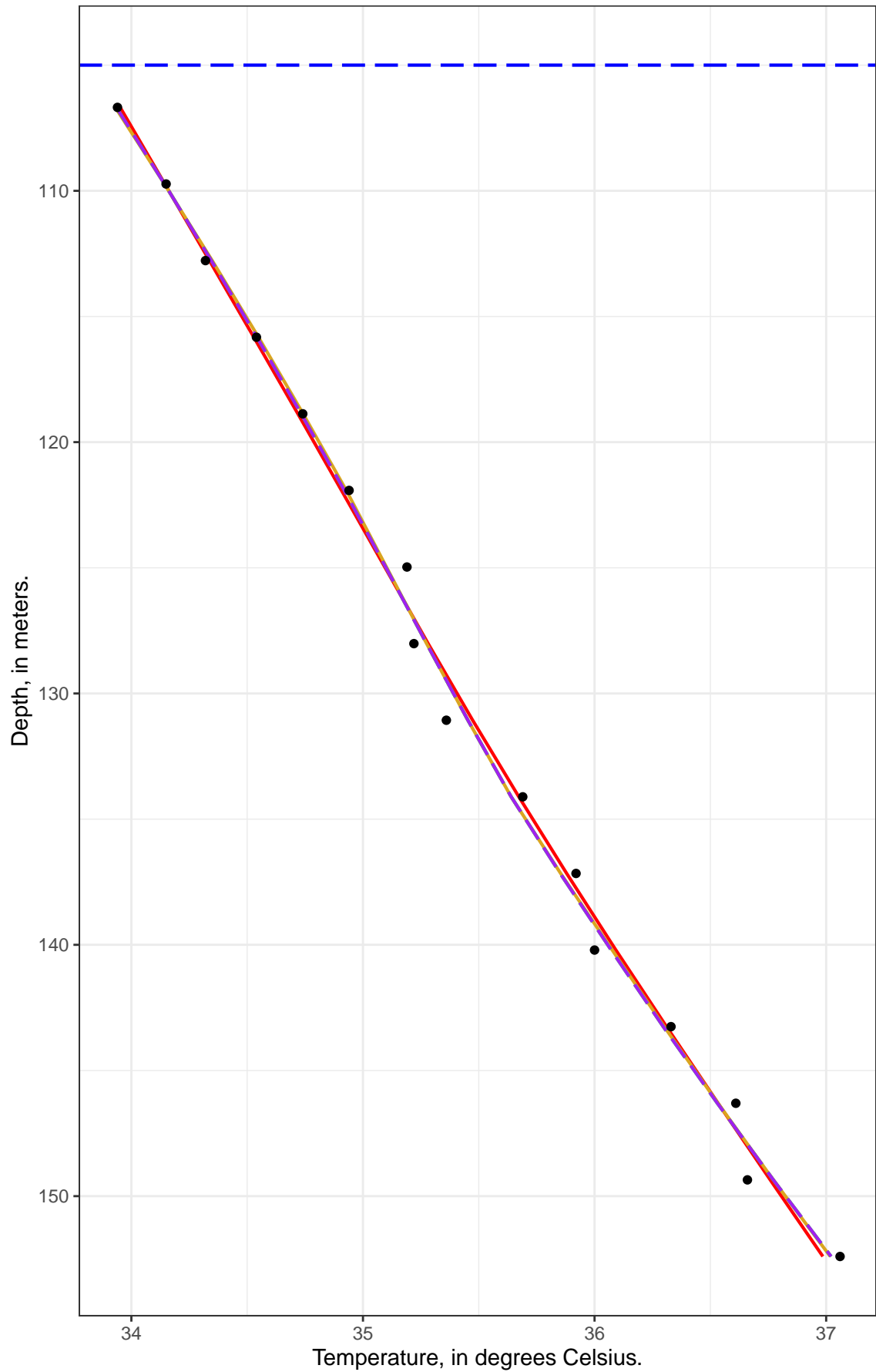
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 89 [H-2-80-1478_KILBOURNE_HOLE] Second Derivative

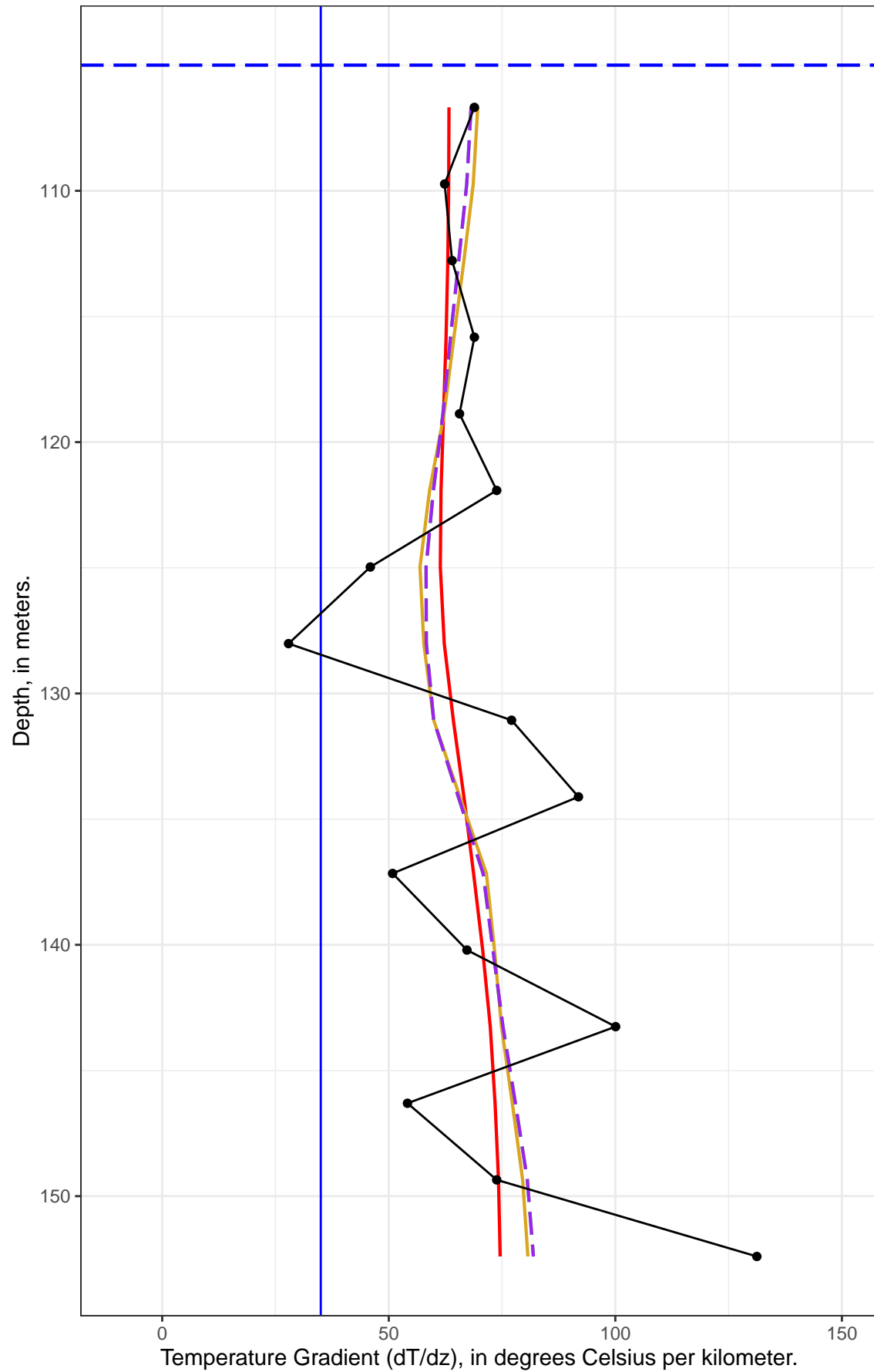


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

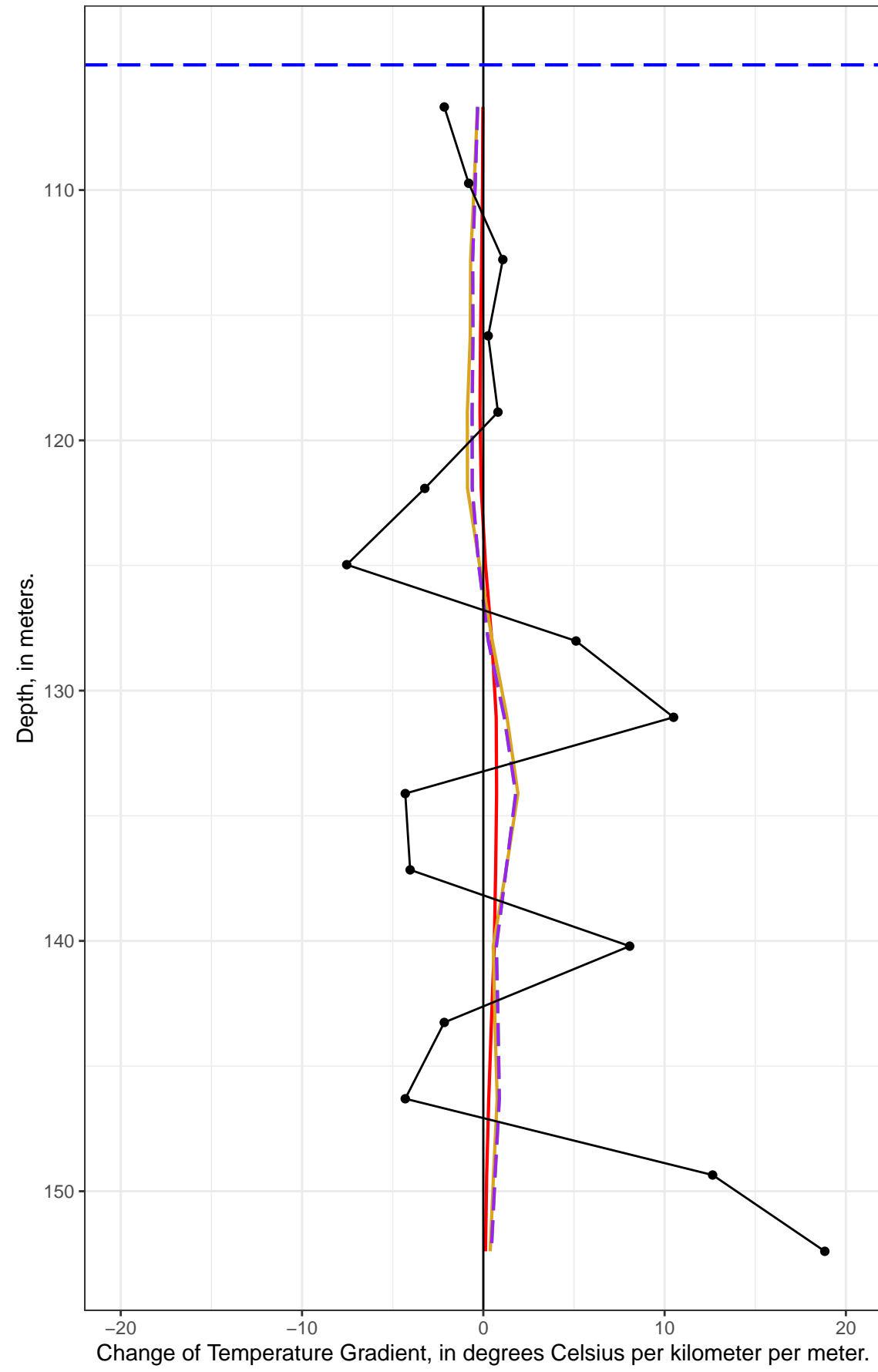
ID: 90 [H-2-80-1479_KILBOURNE_HOLE] Smoothed Profile



ID: 90 [H-2-80-1479_KILBOURNE_HOLE] First Derivative



ID: 90 [H-2-80-1479_KILBOURNE_HOLE] Second Derivative

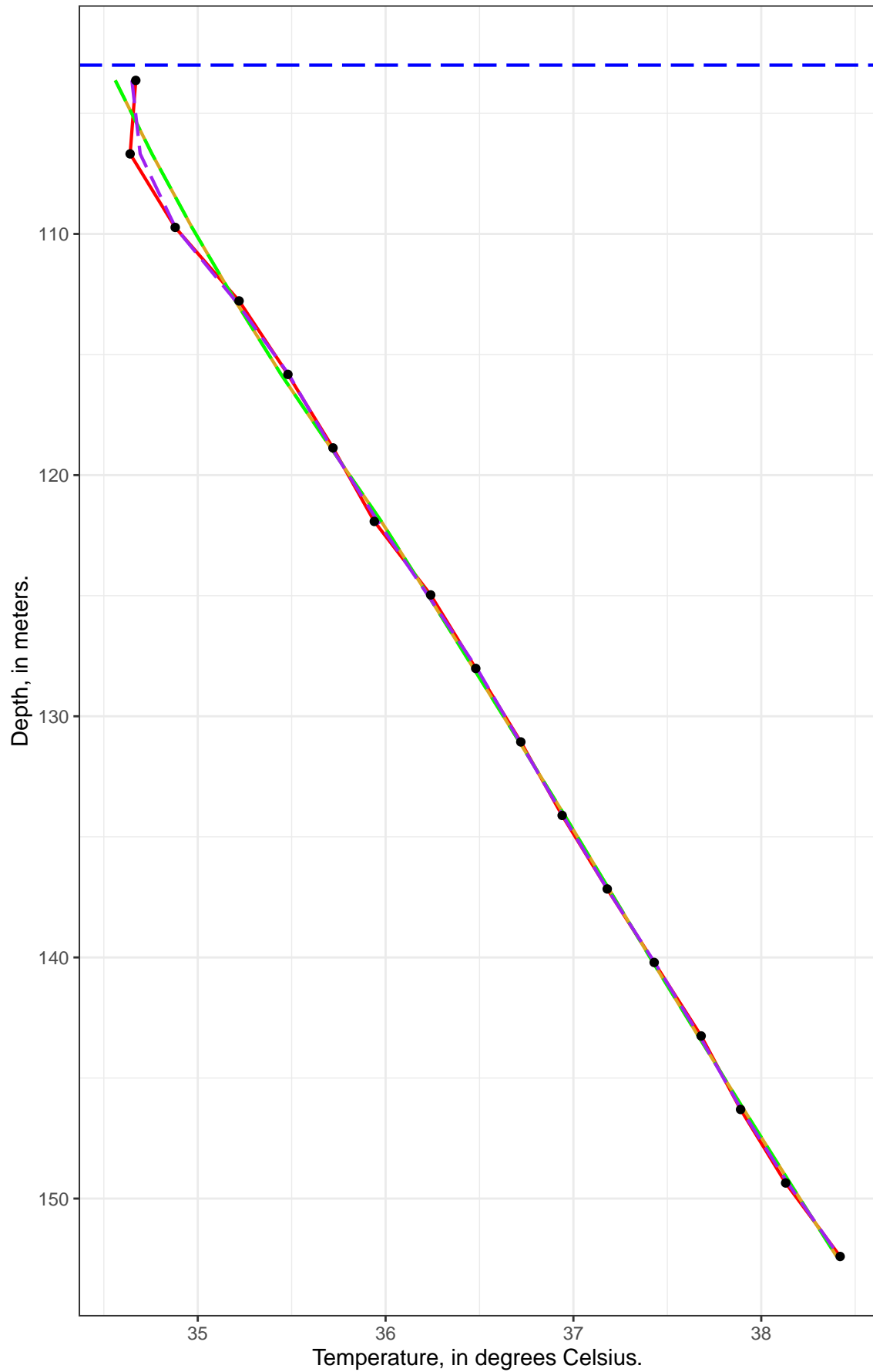


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

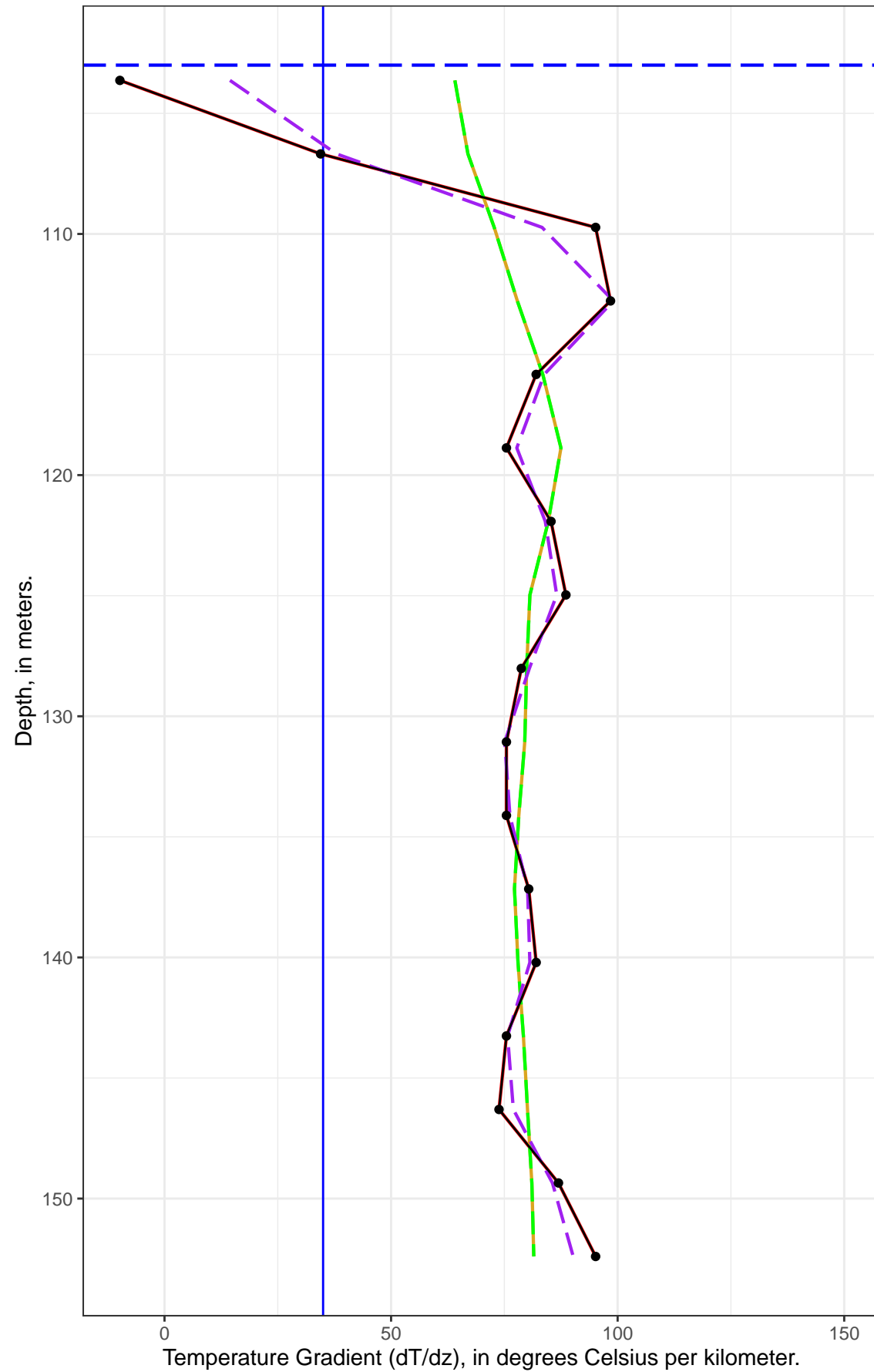
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

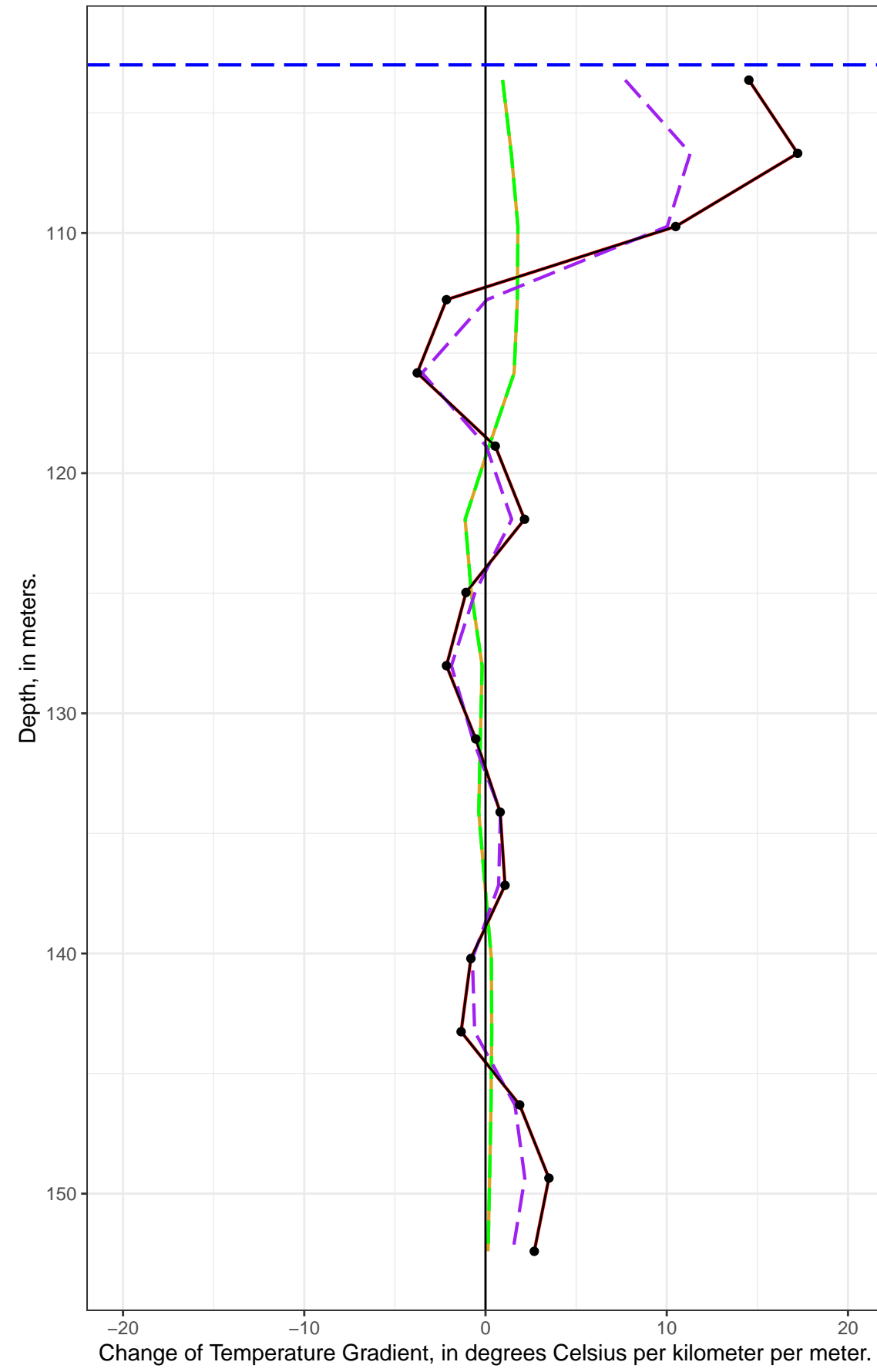
ID: 91 [H-2-80-1480_KILBOURNE_HOLE] Smoothed Profile



ID: 91 [H-2-80-1480_KILBOURNE_HOLE] First Derivative



ID: 91 [H-2-80-1480_KILBOURNE_HOLE] Second Derivative

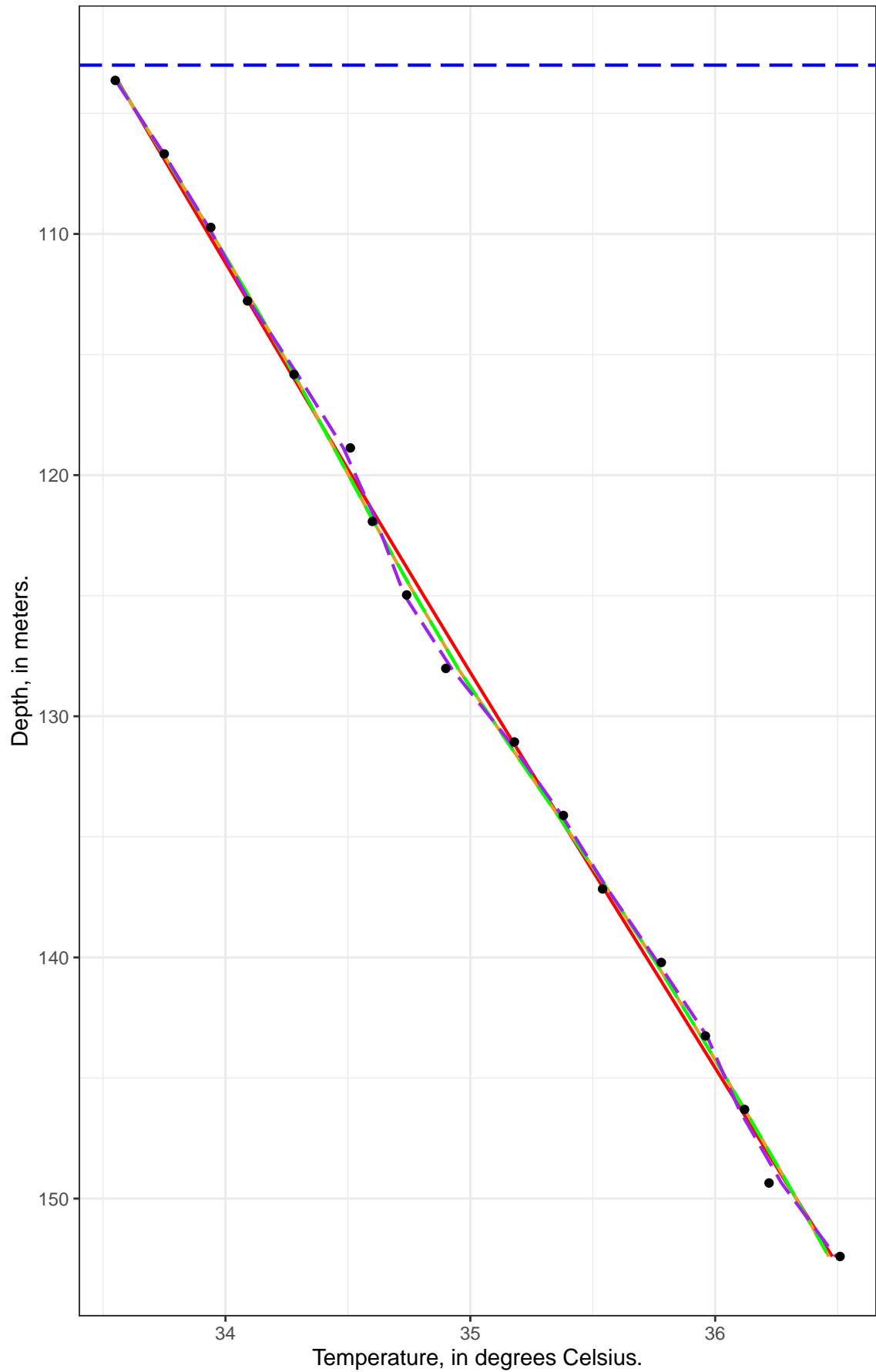


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

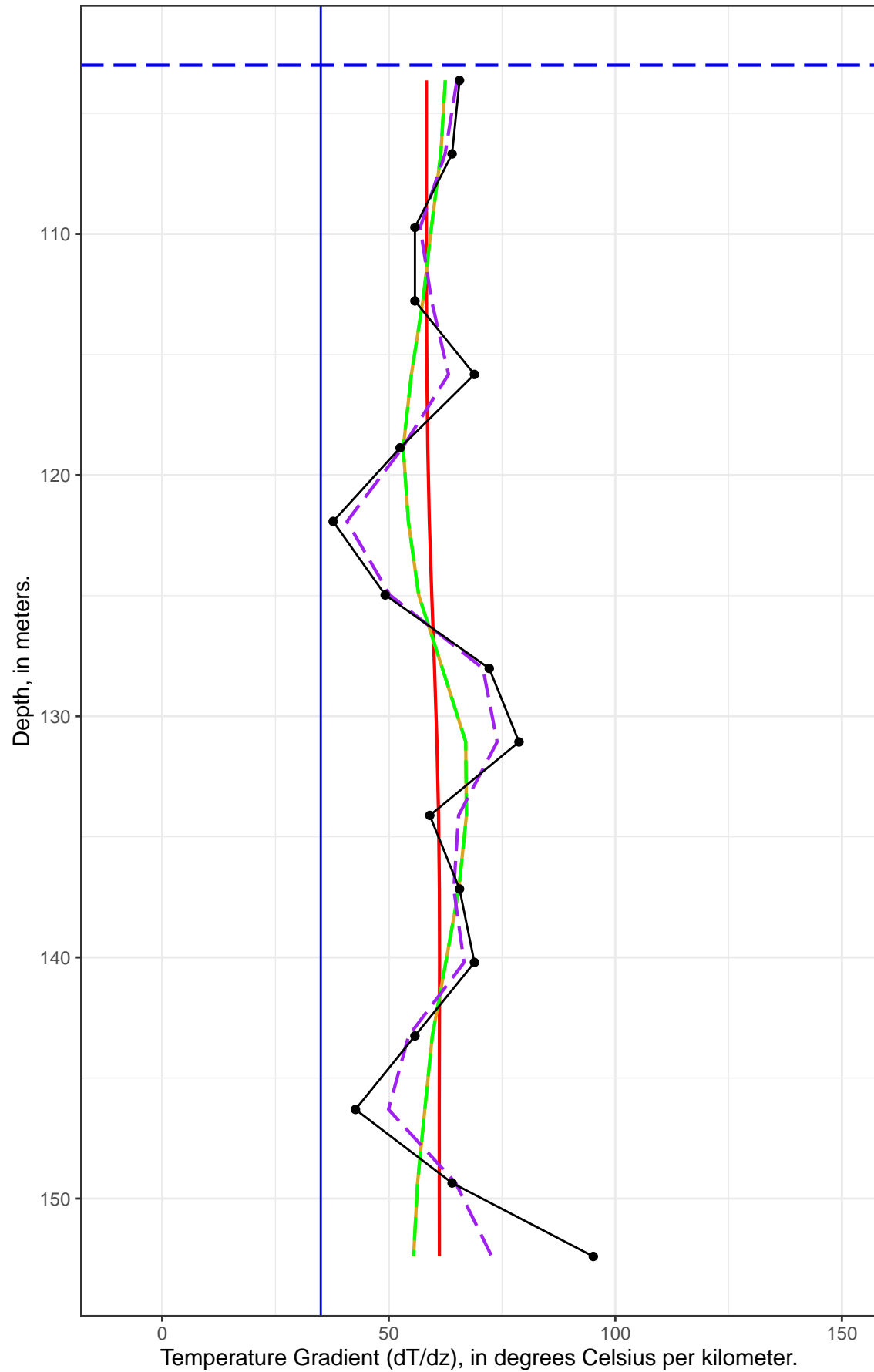
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

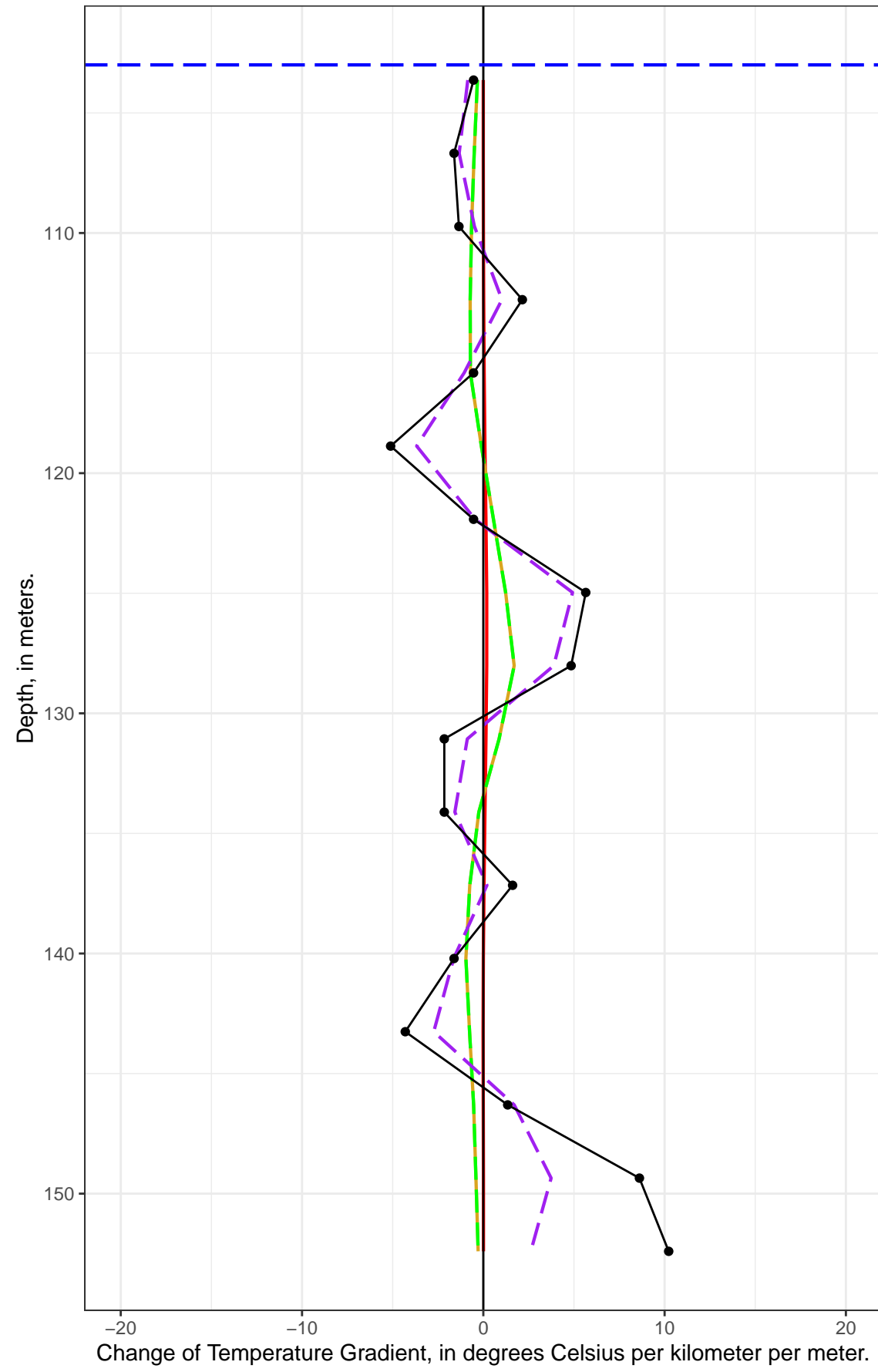
ID: 92 [H-2-80-1481_KILBOURNE_HOLE] Smoothed Profile



ID: 92 [H-2-80-1481_KILBOURNE_HOLE] First Derivative



ID: 92 [H-2-80-1481_KILBOURNE_HOLE] Second Derivative

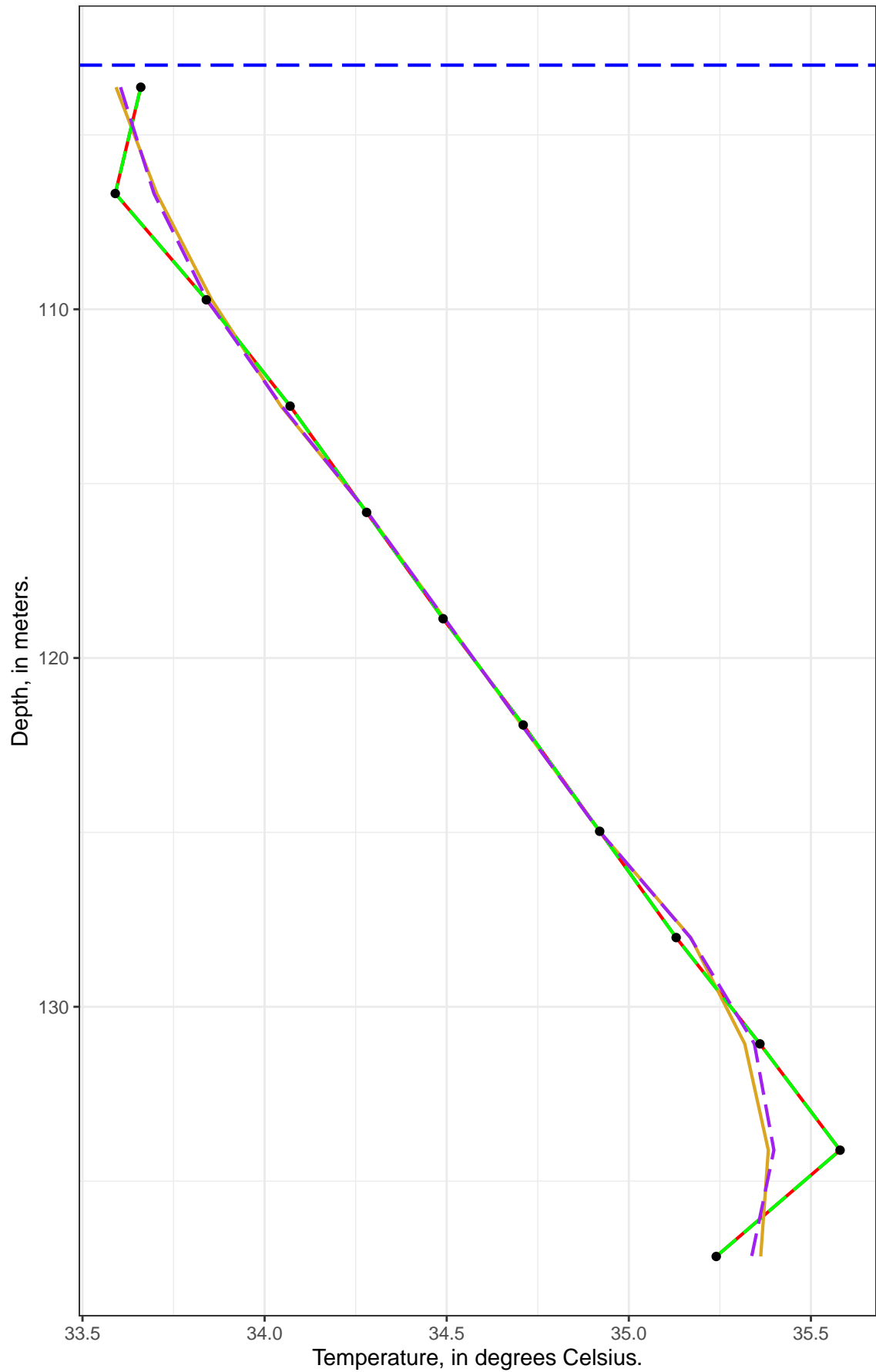


• Data — LOESS (AICC) — LOESS (constant) - - LOESS (GCV) — Spline

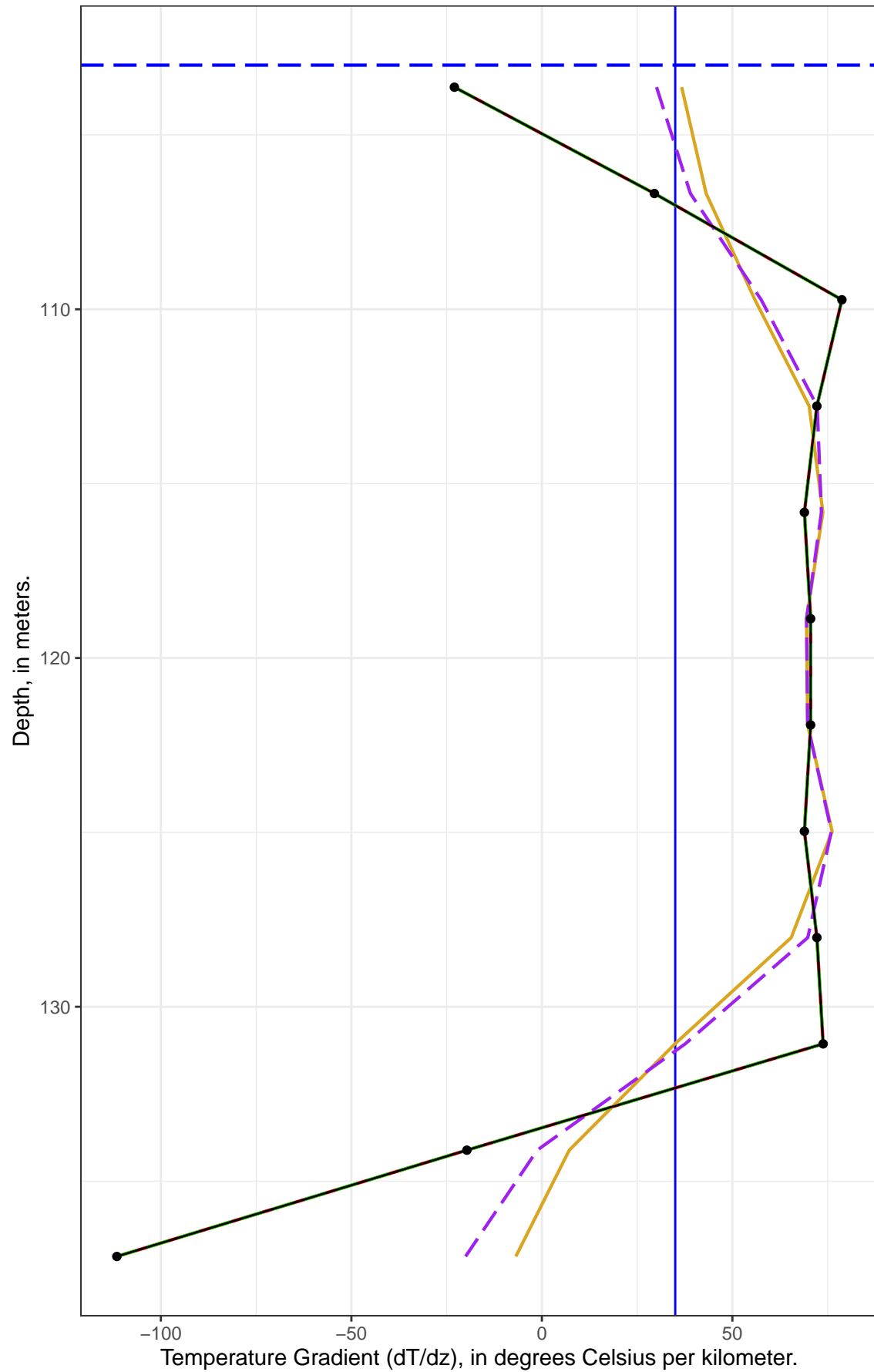
• Data — LOESS (AICC) — LOESS (constant) - - LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) - - LOESS (GCV) — Spline

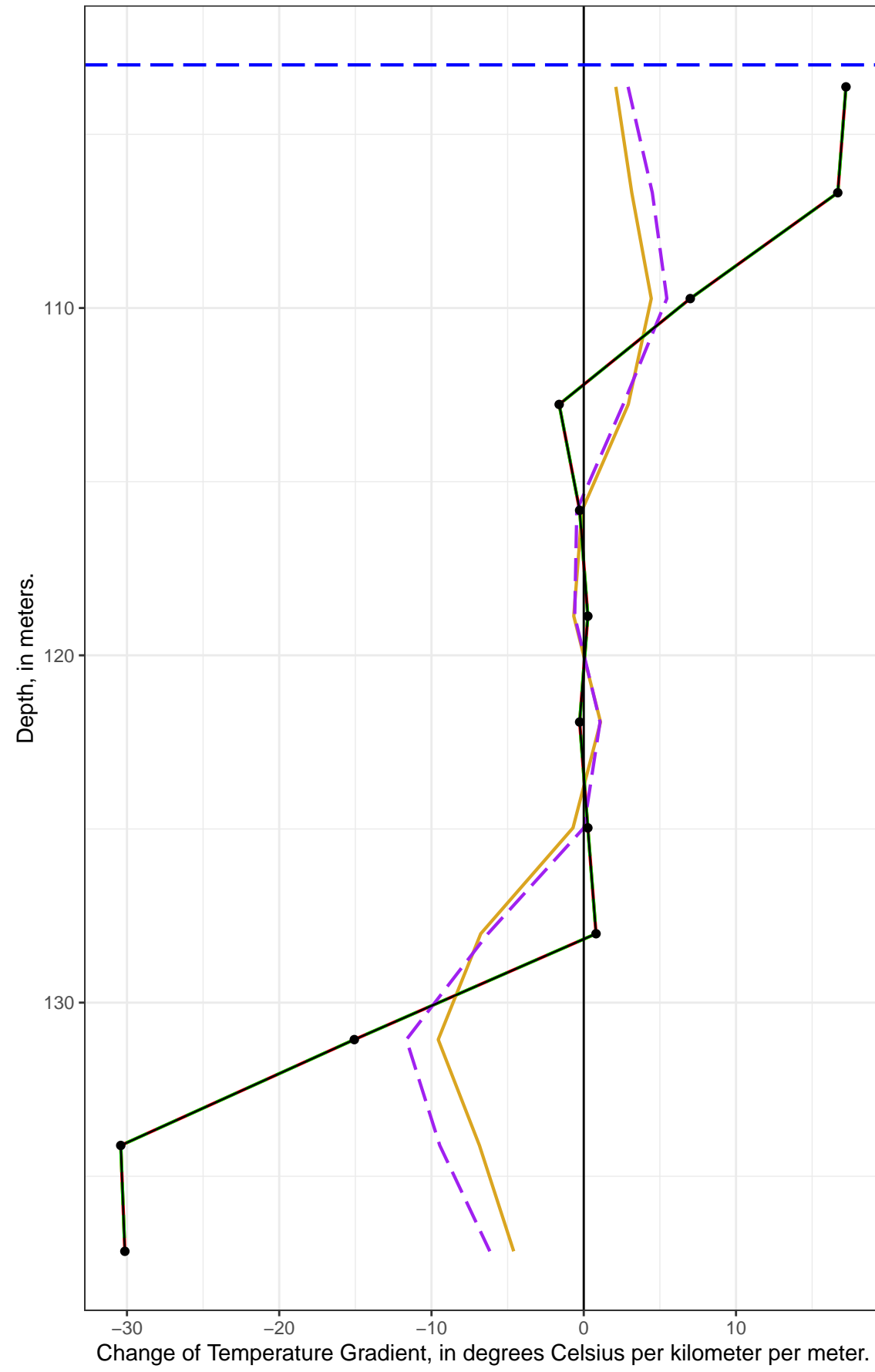
ID: 93 [H-2-80-1482_KILBOURNE_HOLE] Smoothed Profile



ID: 93 [H-2-80-1482_KILBOURNE_HOLE] First Derivative



ID: 93 [H-2-80-1482_KILBOURNE_HOLE] Second Derivative

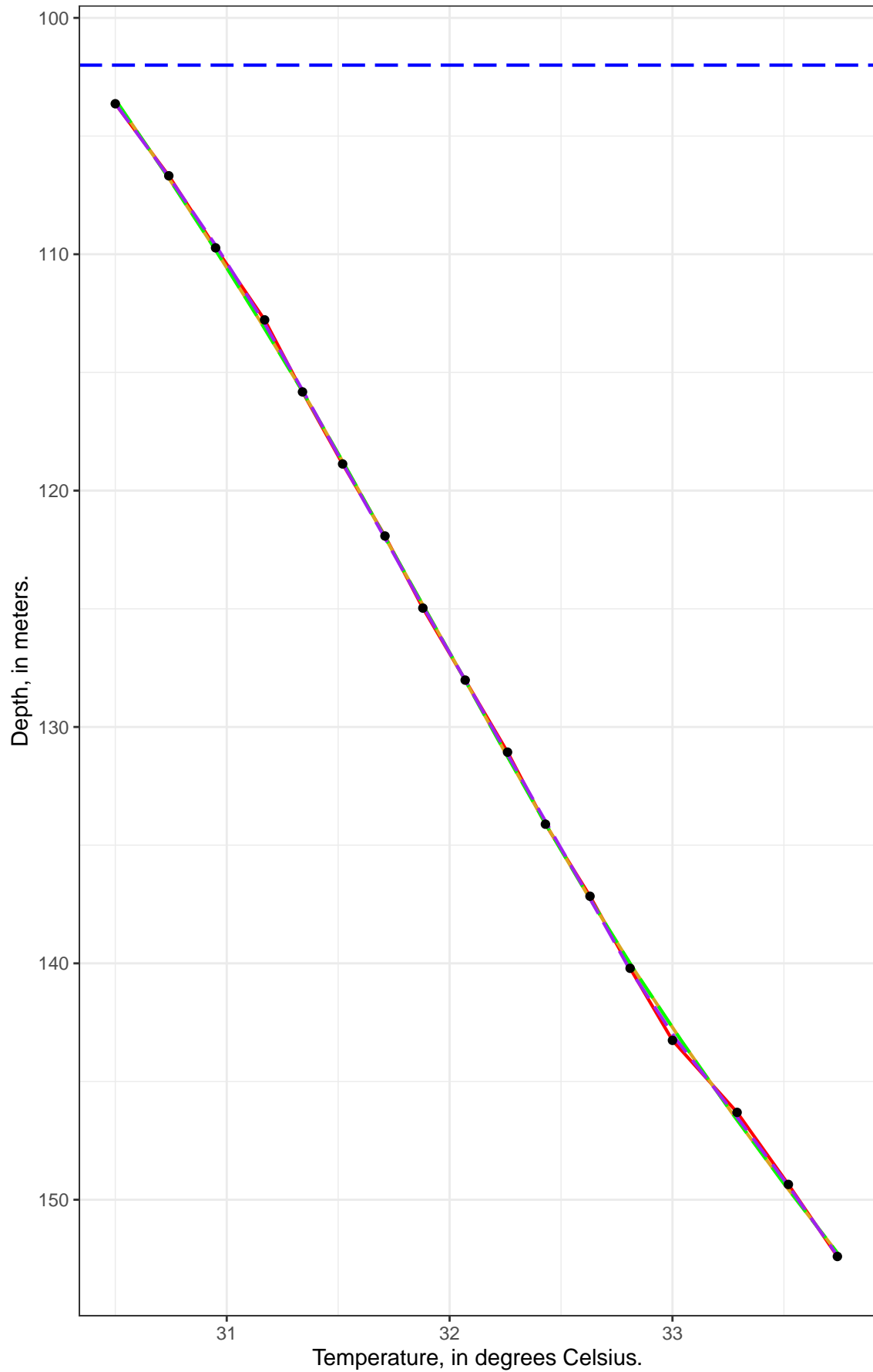


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

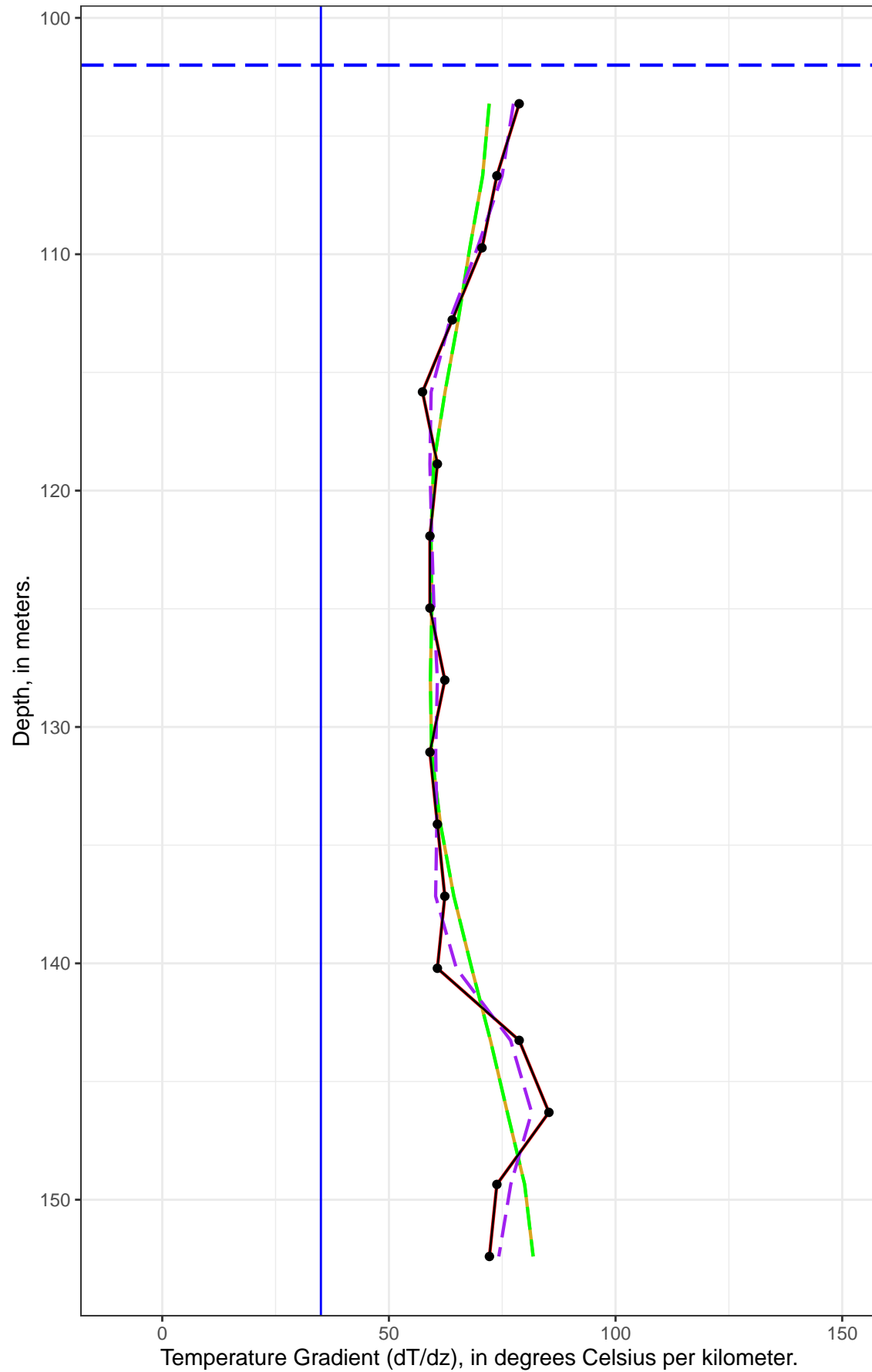
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

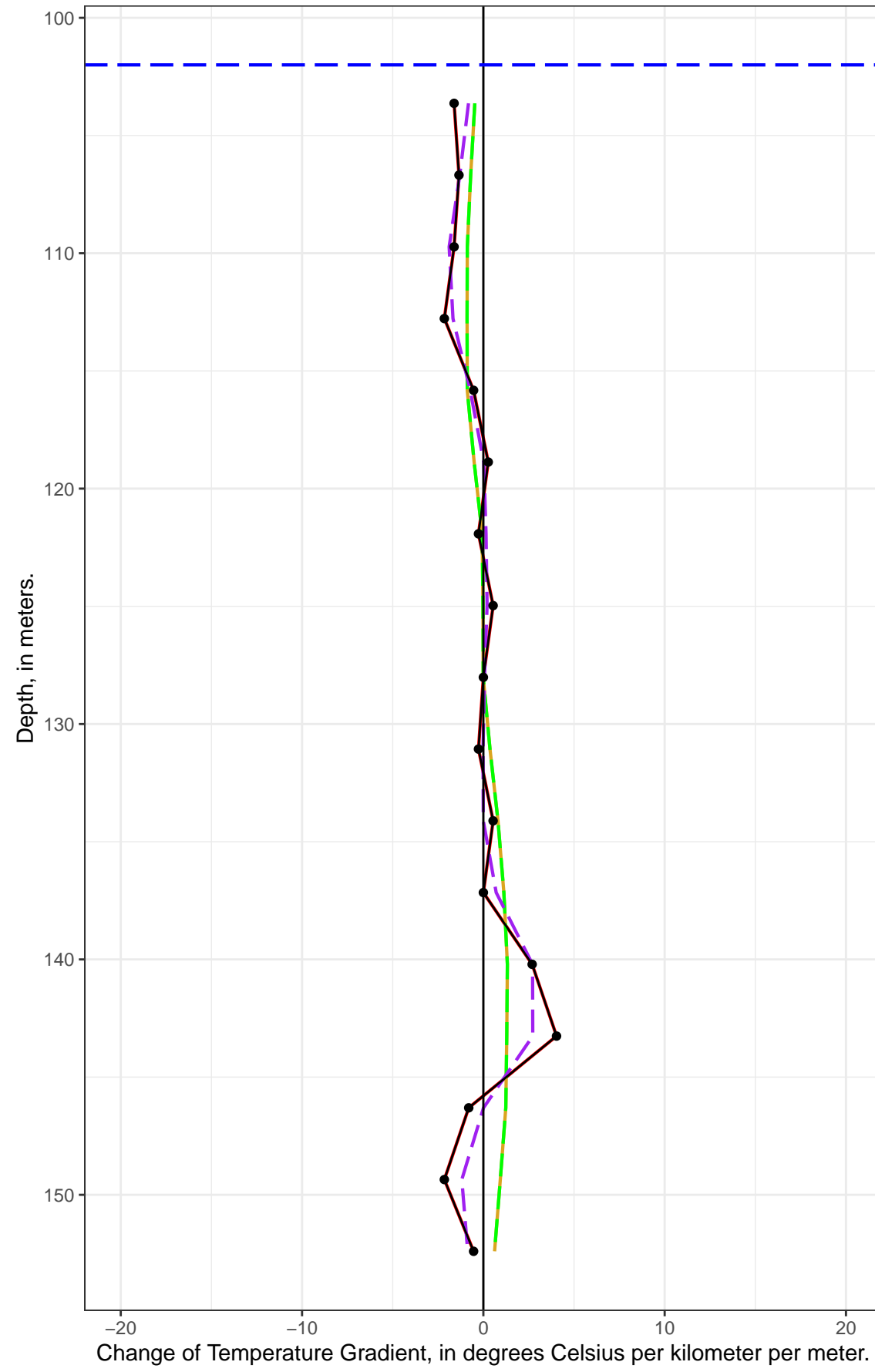
ID: 94 [H-2-80-1483_KILBOURNE_HOLE] Smoothed Profile



ID: 94 [H-2-80-1483_KILBOURNE_HOLE] First Derivative



ID: 94 [H-2-80-1483_KILBOURNE_HOLE] Second Derivative

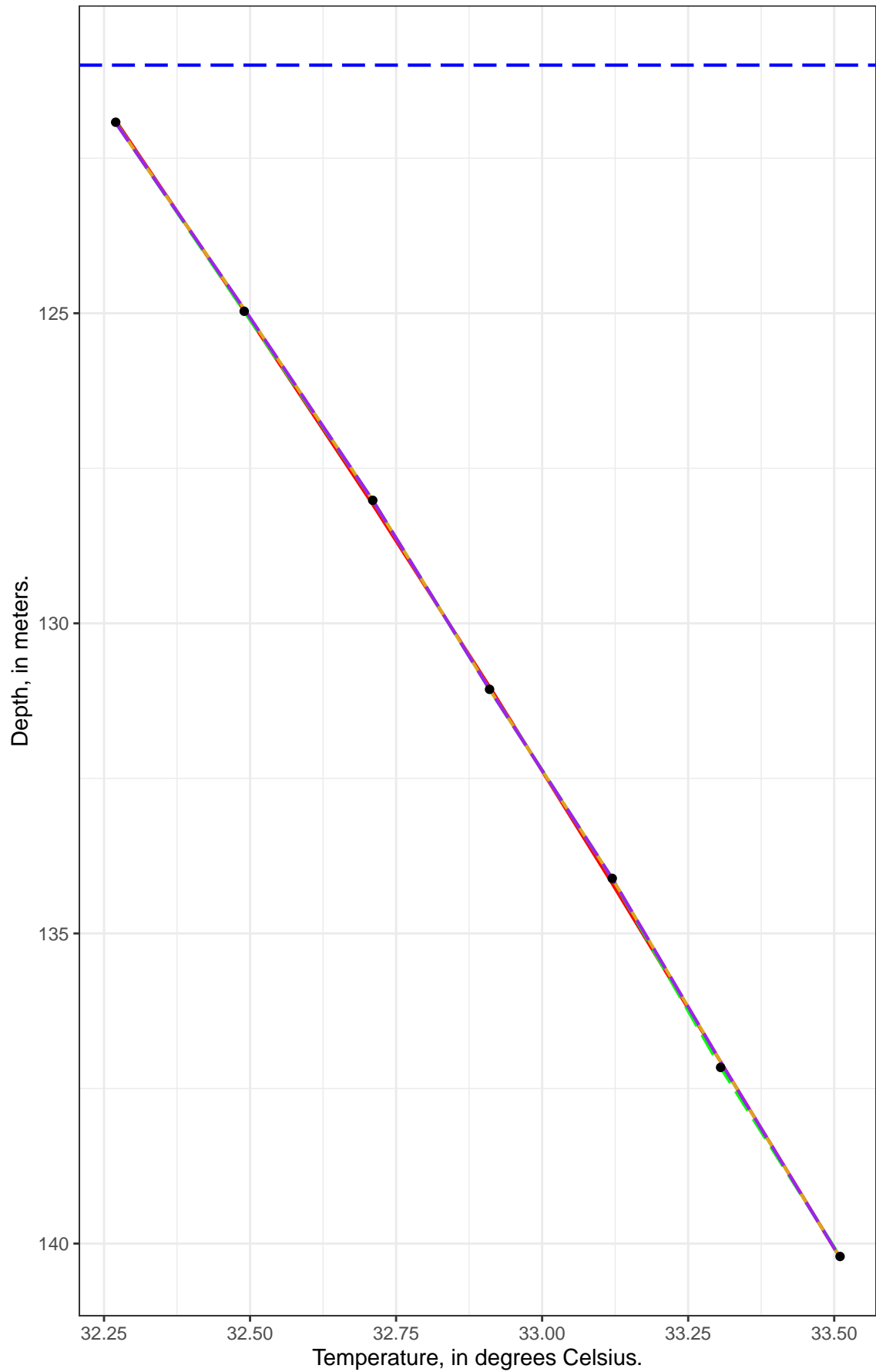


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

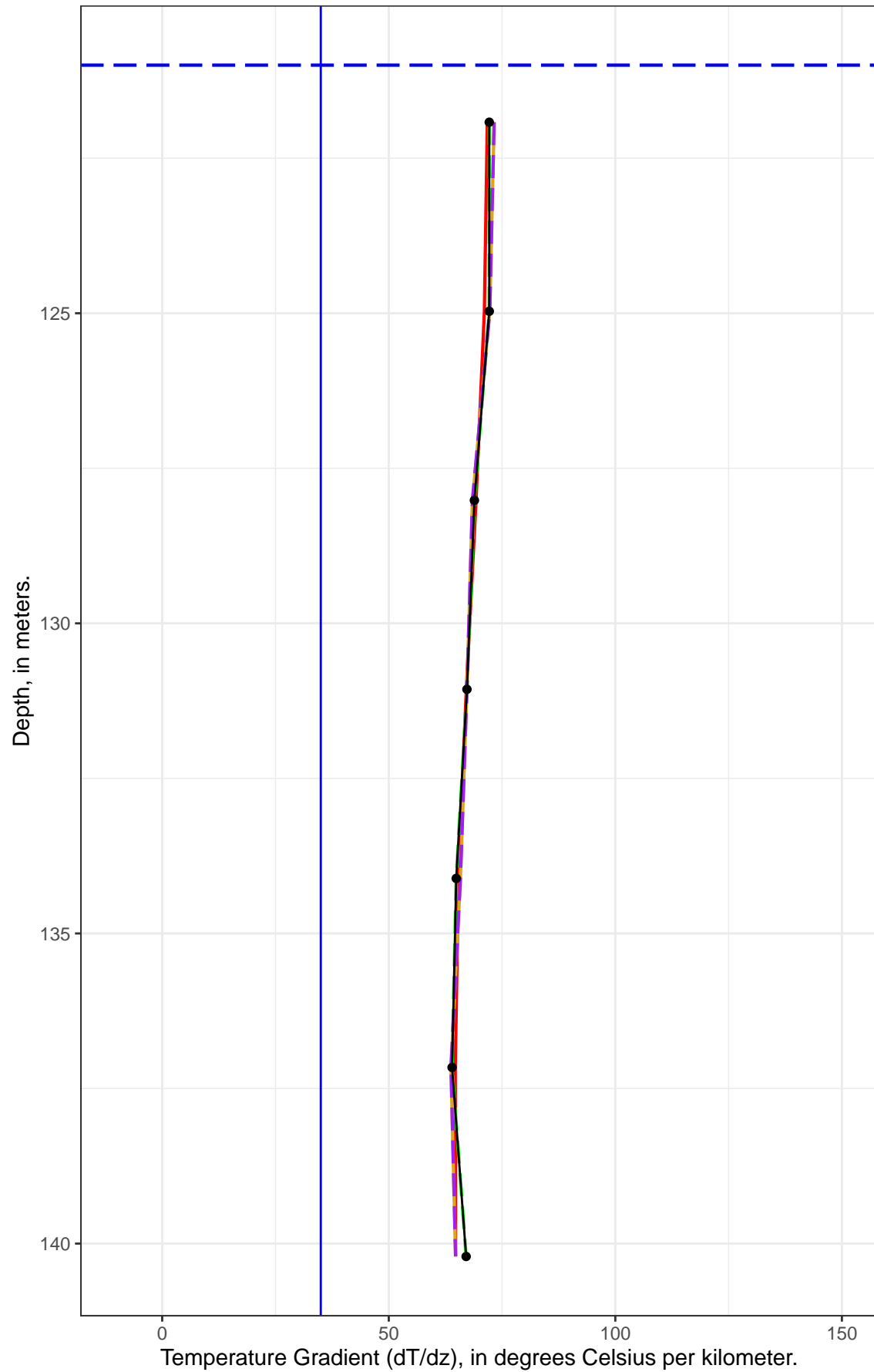
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

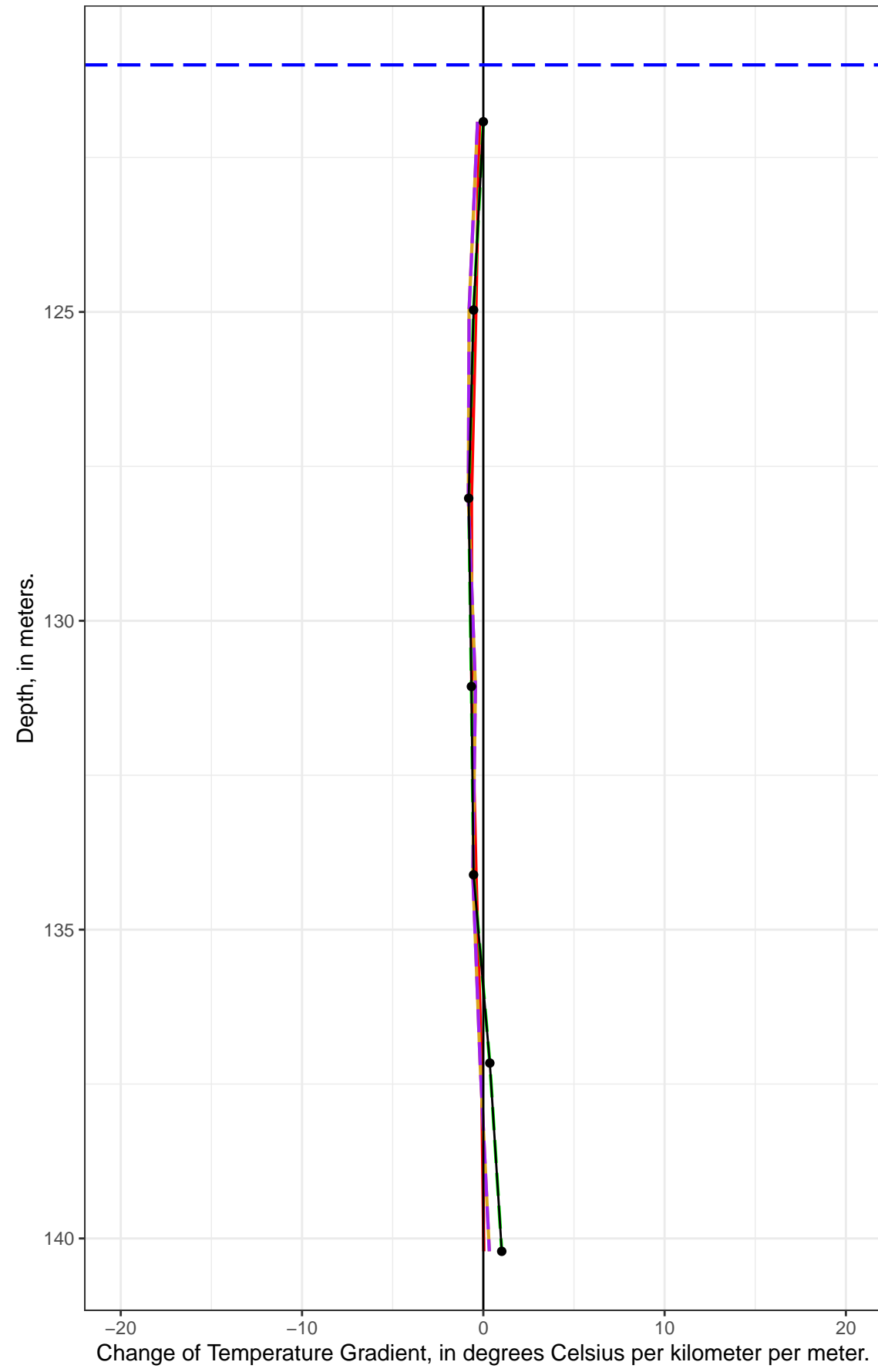
ID: 95 [H-2-80-1484_KILBOURNE_HOLE] Smoothed Profile



ID: 95 [H-2-80-1484_KILBOURNE_HOLE] First Derivative



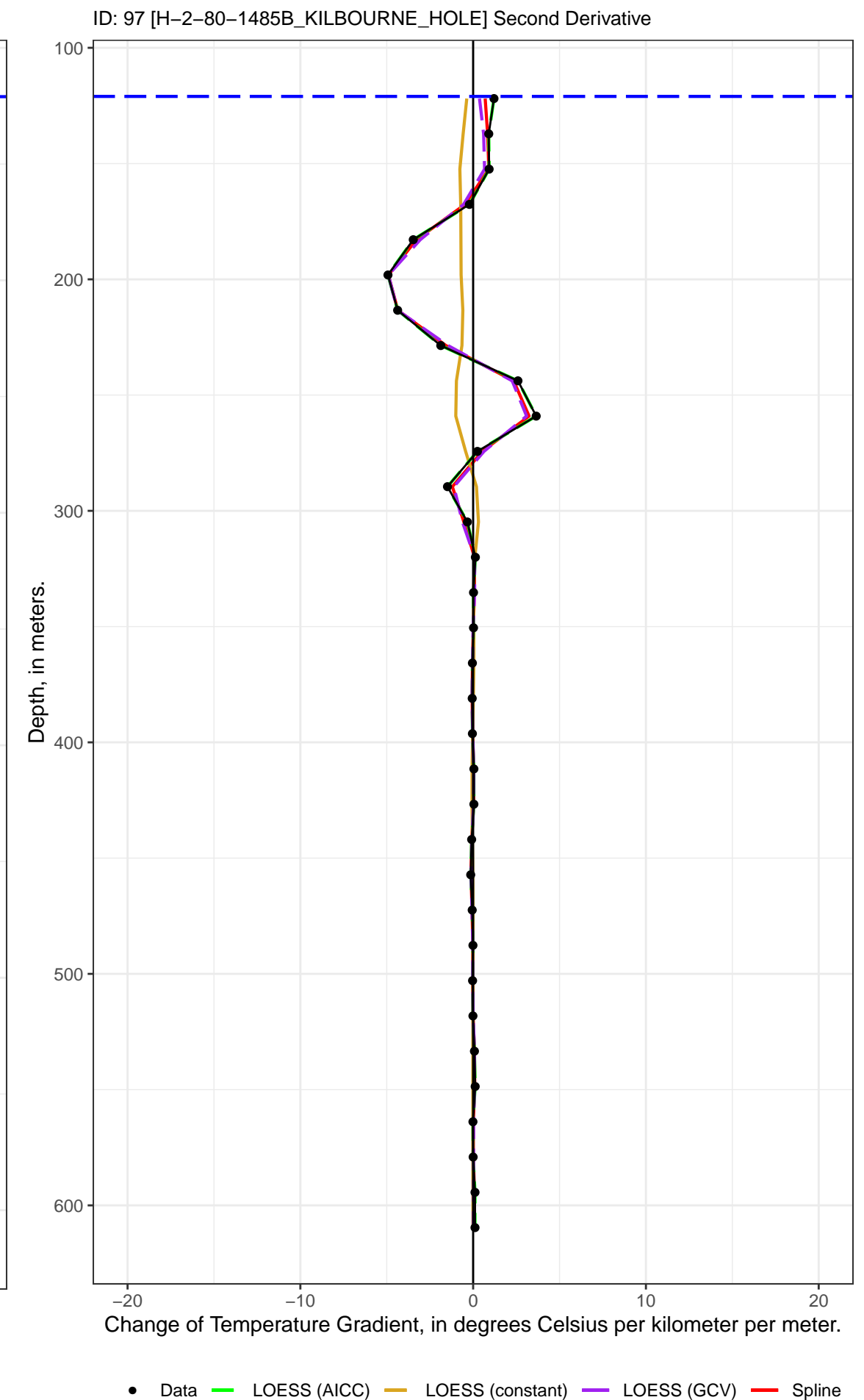
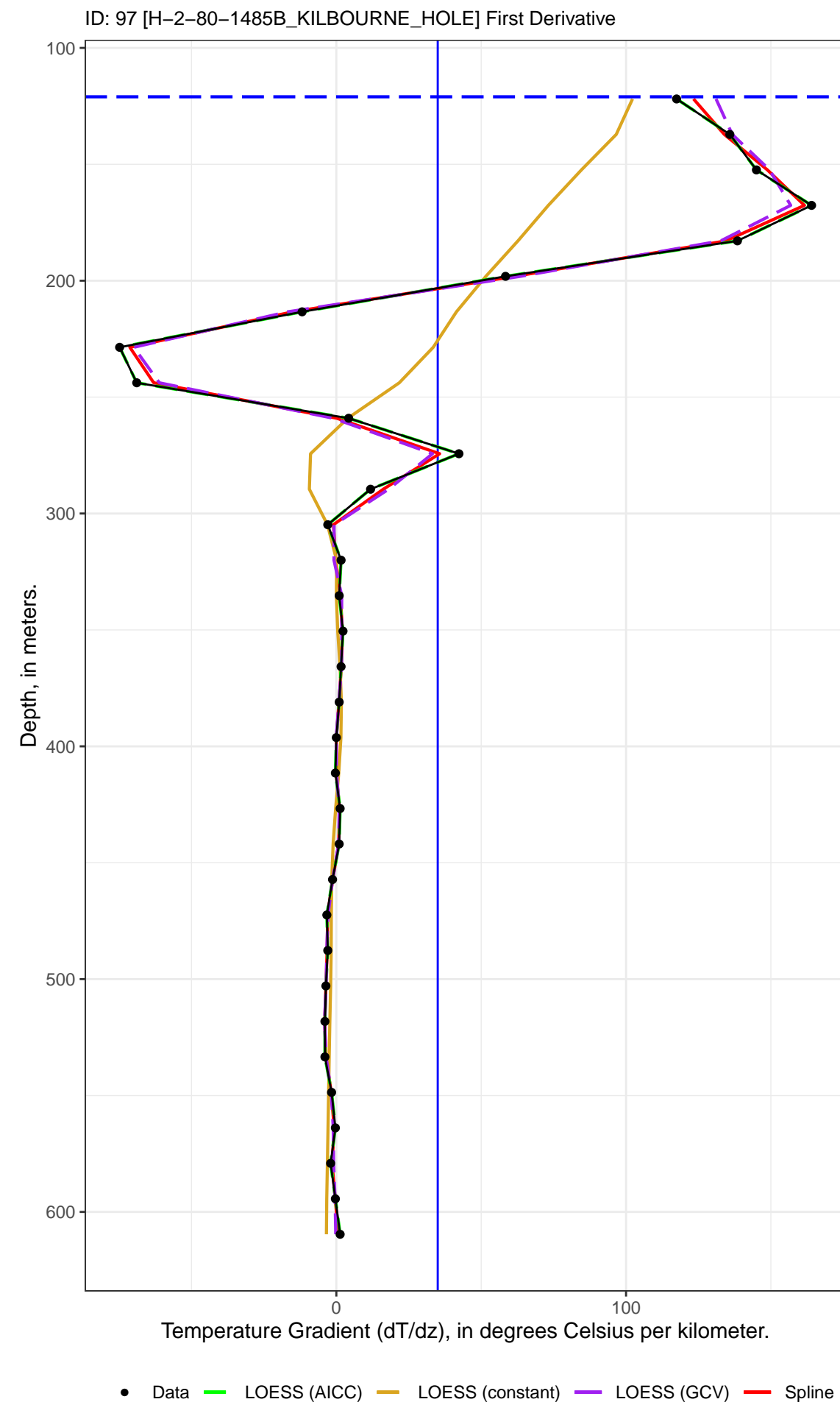
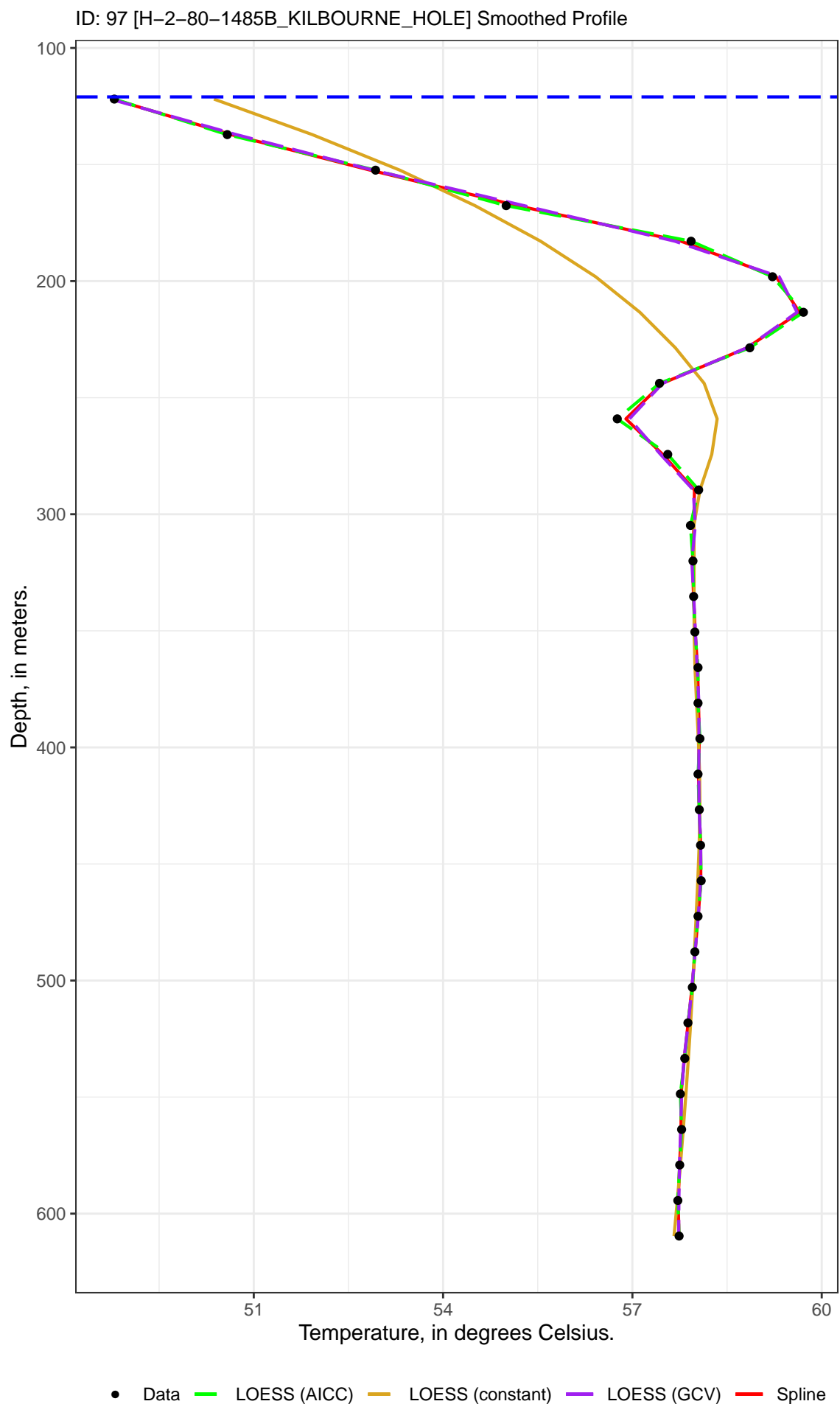
ID: 95 [H-2-80-1484_KILBOURNE_HOLE] Second Derivative



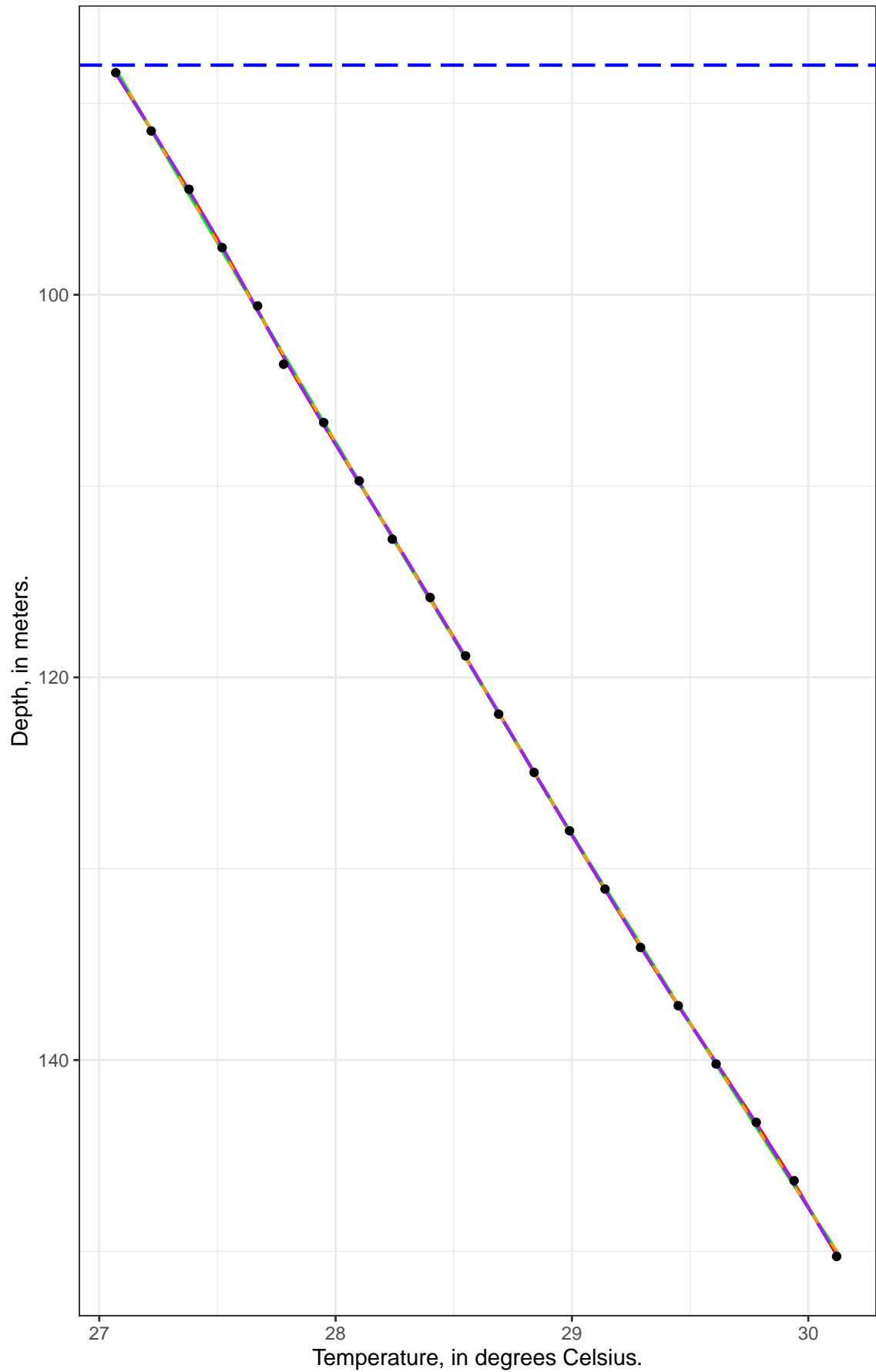
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

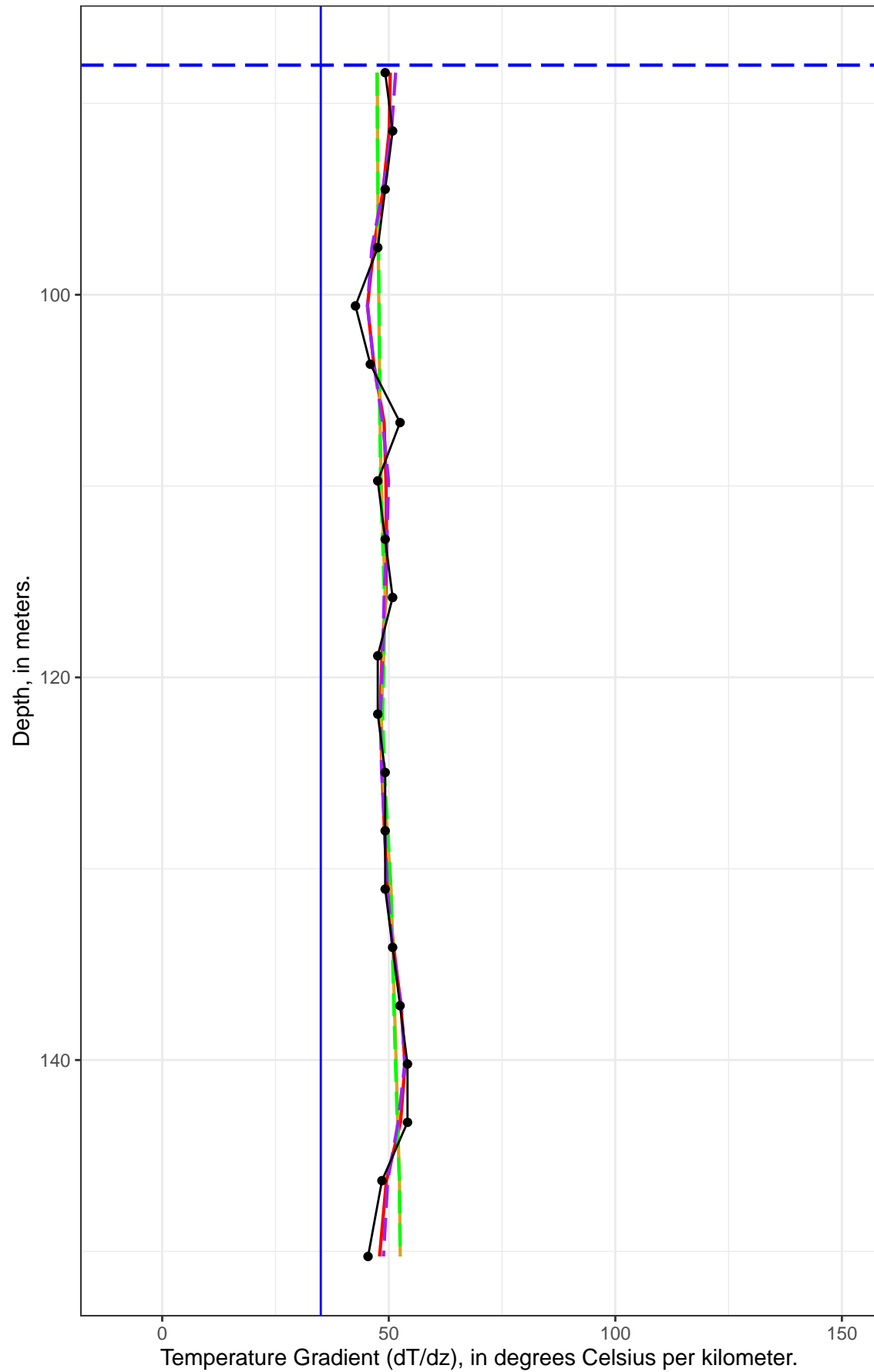
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline



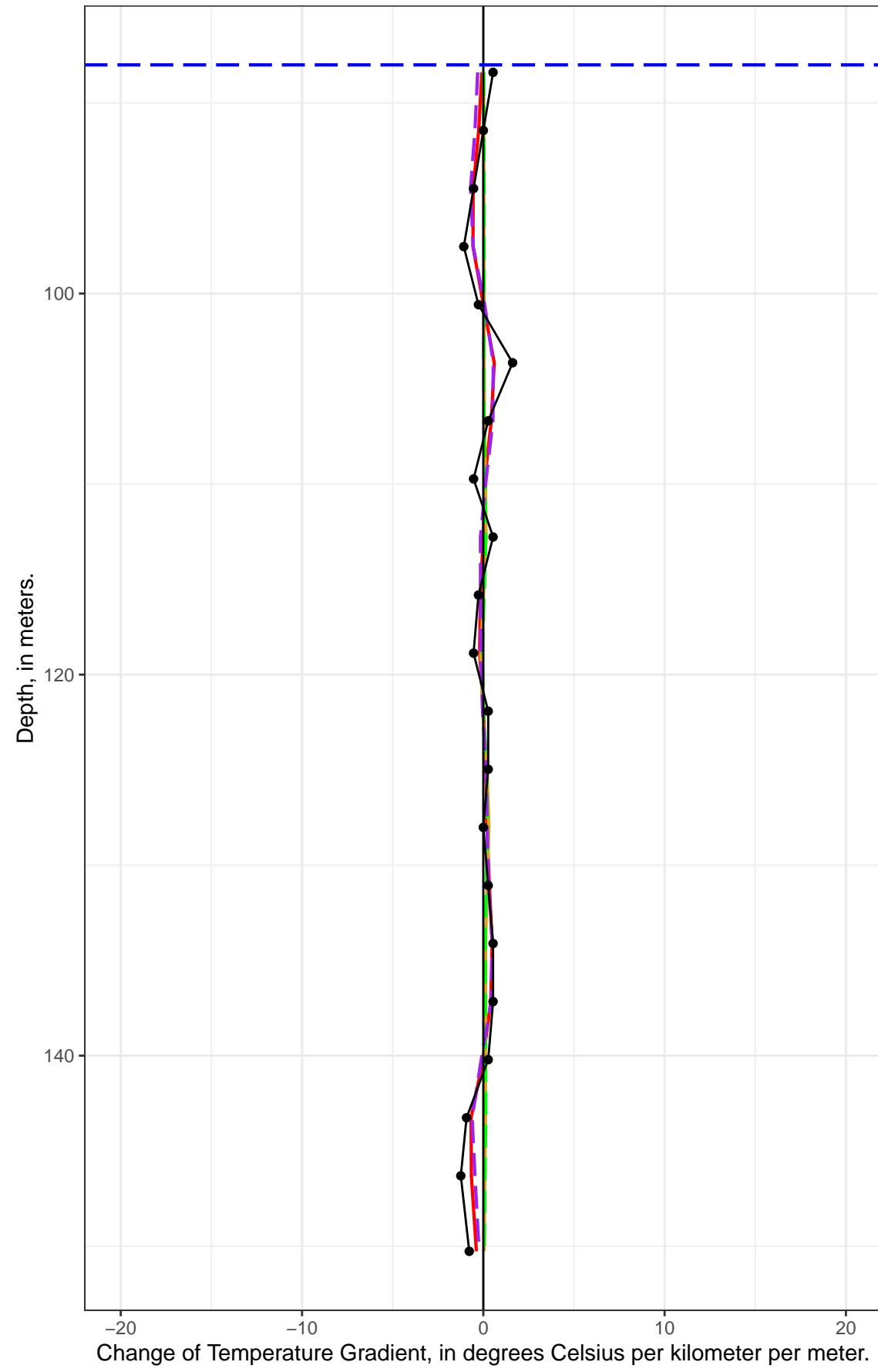
ID: 98 [H-2-80-1488_KILBOURNE_HOLE] Smoothed Profile



ID: 98 [H-2-80-1488_KILBOURNE_HOLE] First Derivative



ID: 98 [H-2-80-1488_KILBOURNE_HOLE] Second Derivative

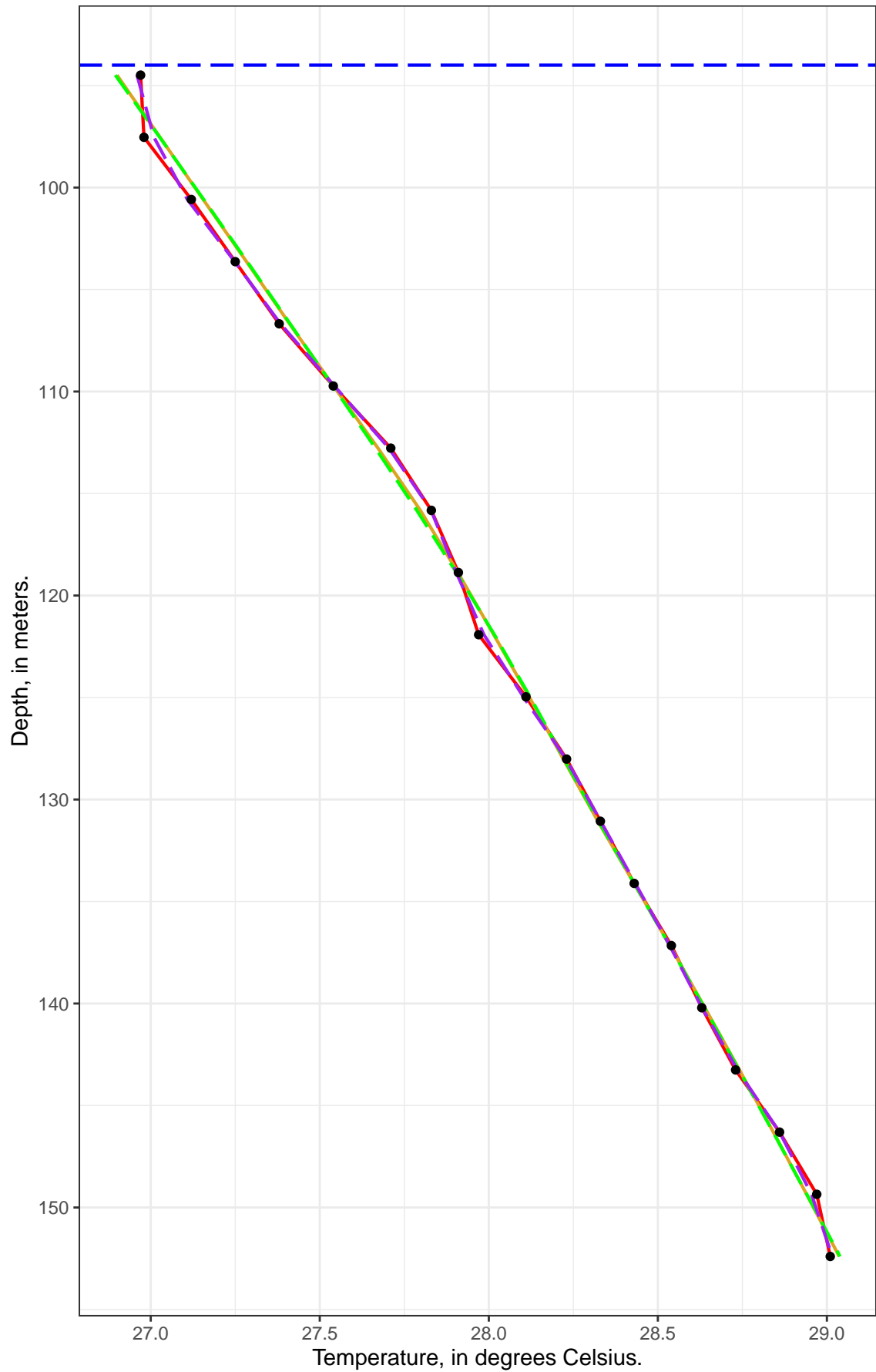


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

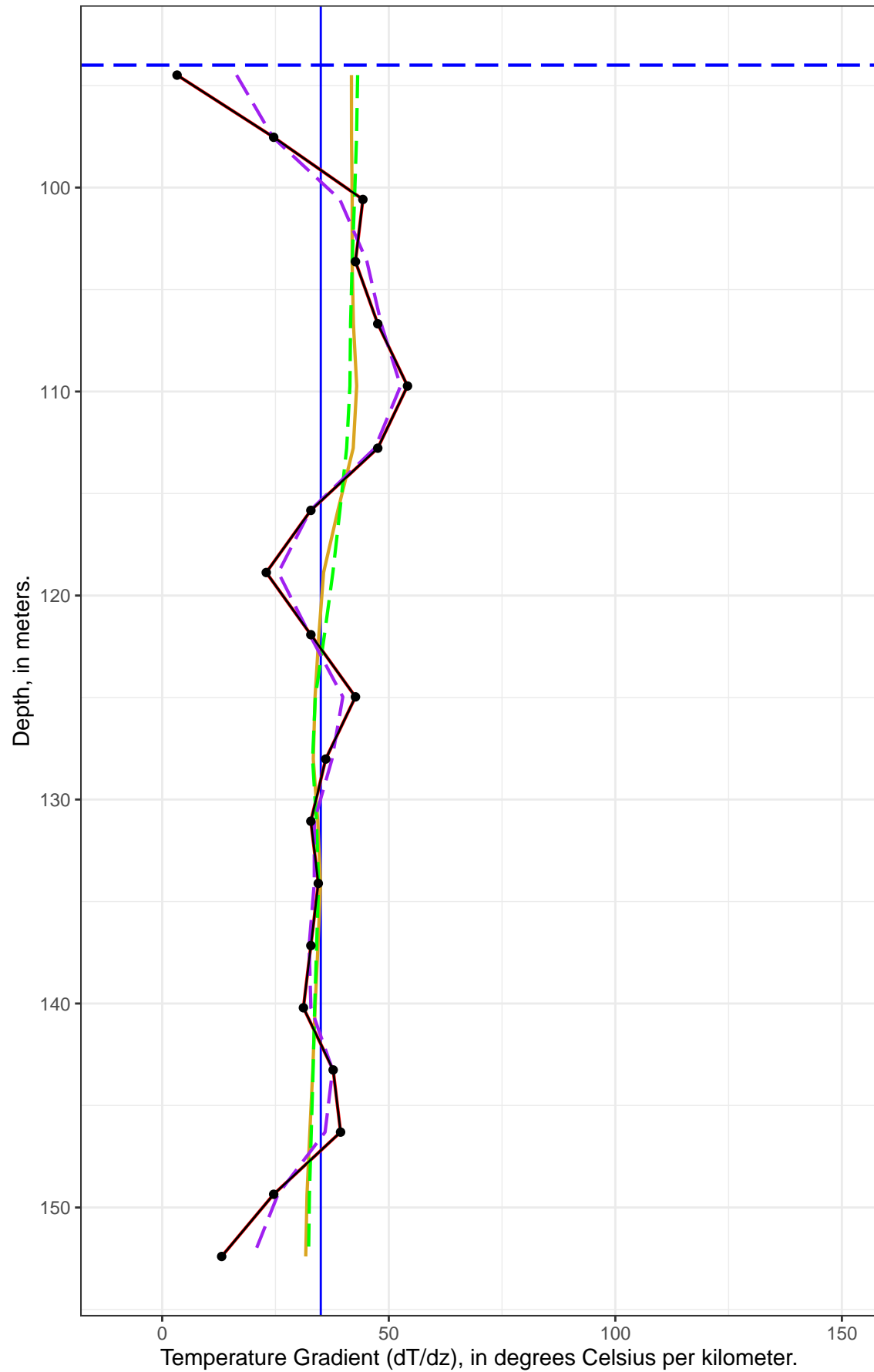
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

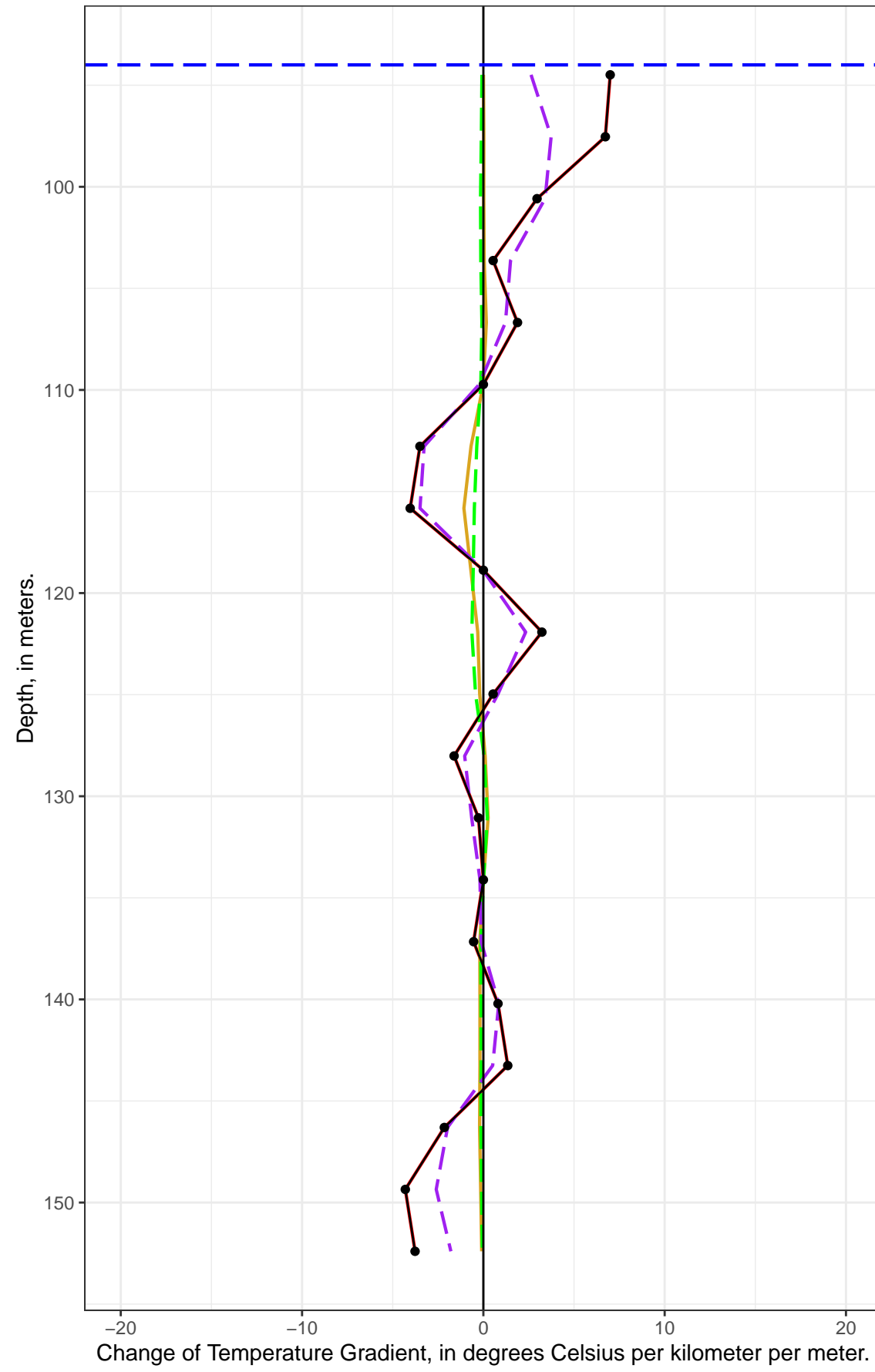
ID: 99 [H-2-80-1495_KILBOURNE_HOLE] Smoothed Profile



ID: 99 [H-2-80-1495_KILBOURNE_HOLE] First Derivative



ID: 99 [H-2-80-1495_KILBOURNE_HOLE] Second Derivative

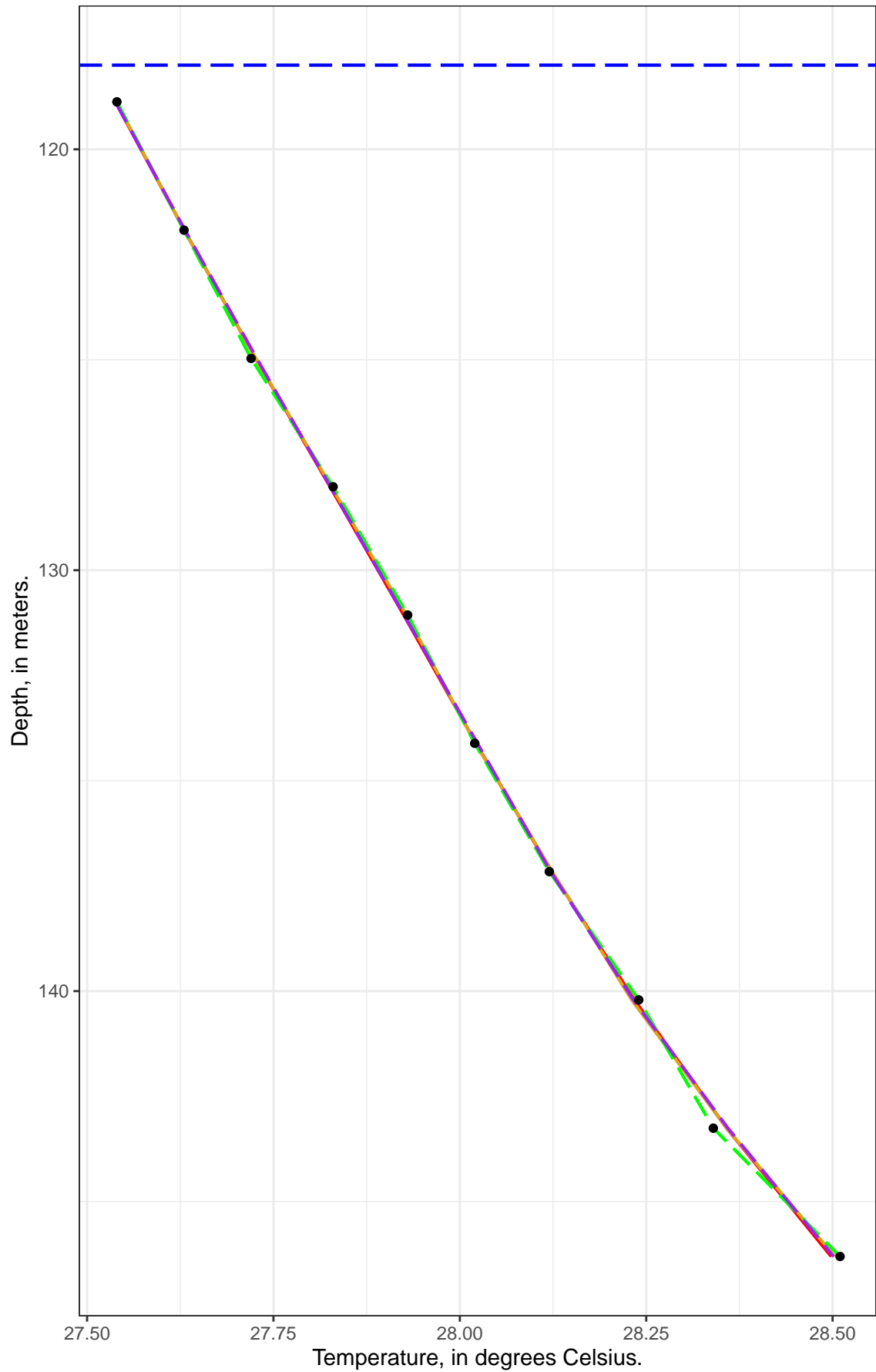


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

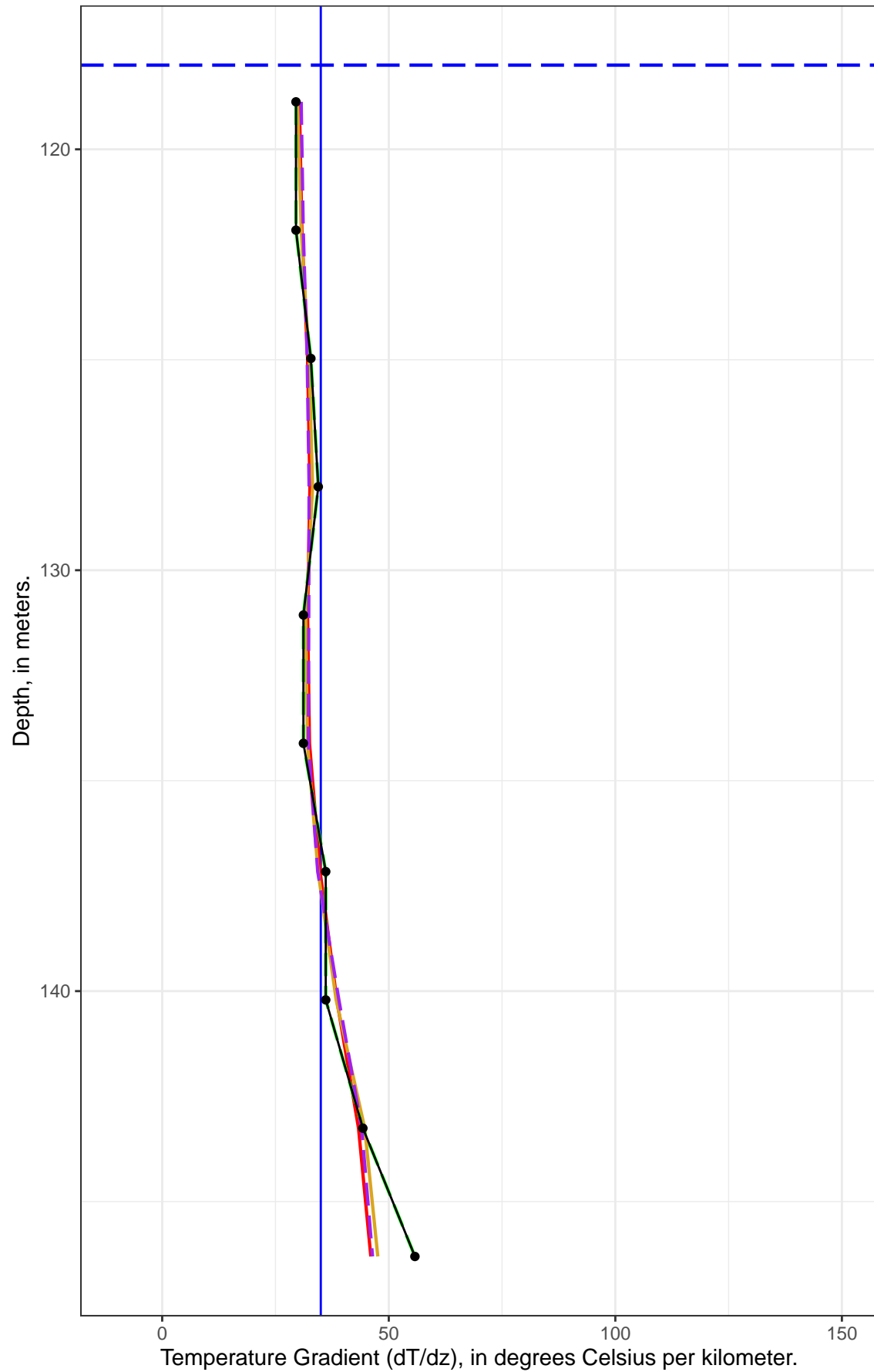
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

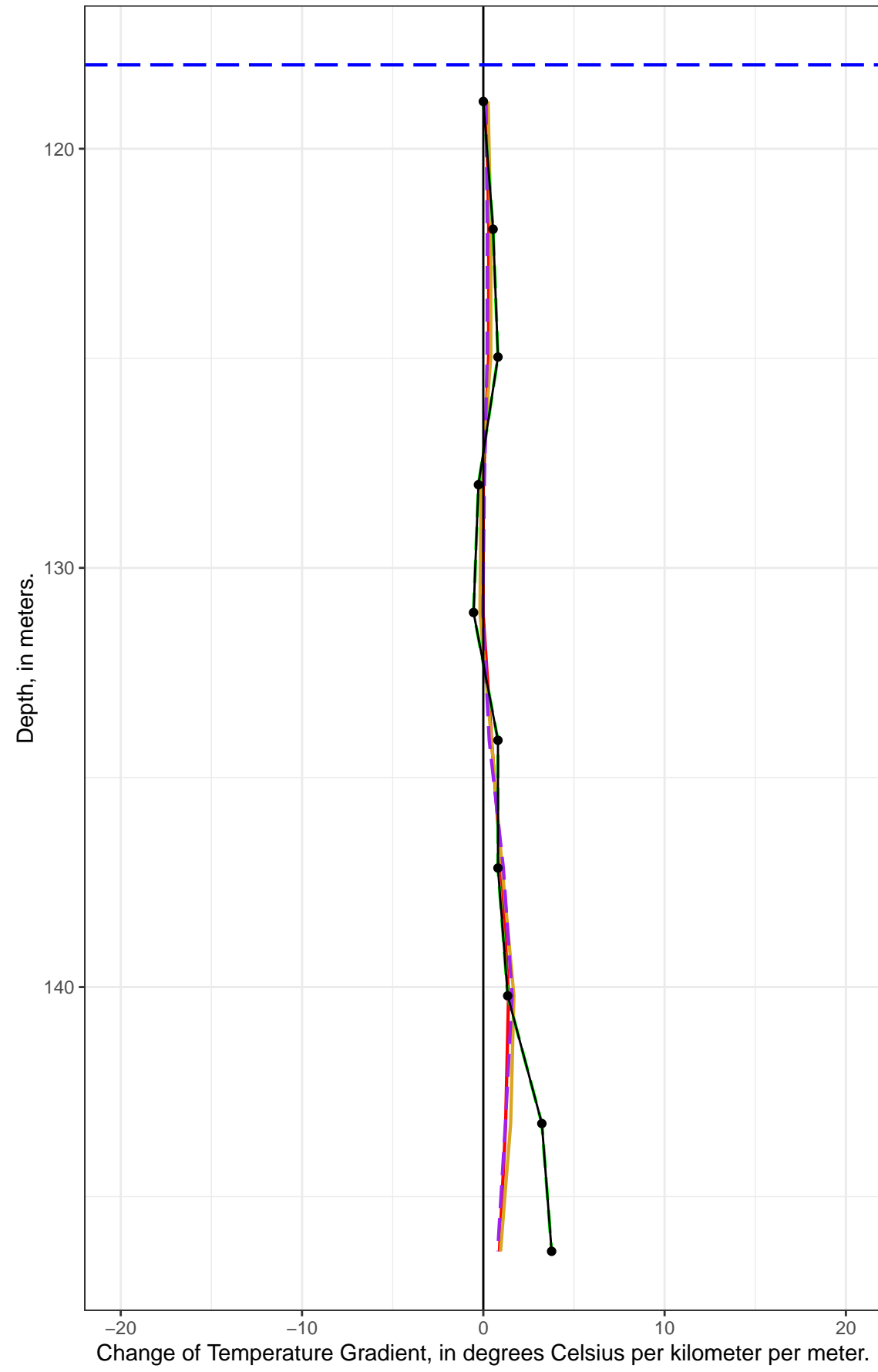
ID: 105 [H-22-76-15_KILBOURNE_HOLE] Smoothed Profile



ID: 105 [H-22-76-15_KILBOURNE_HOLE] First Derivative



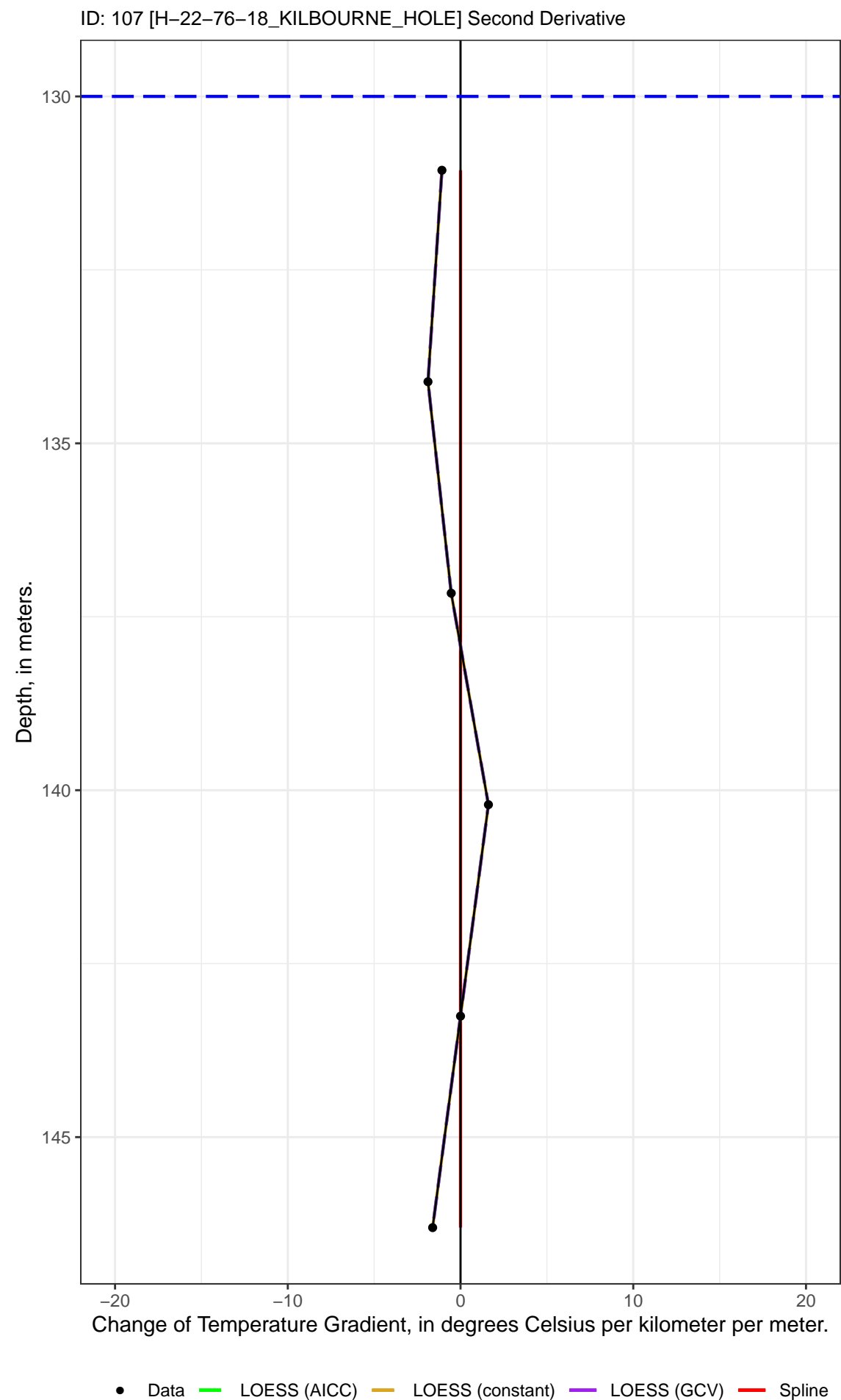
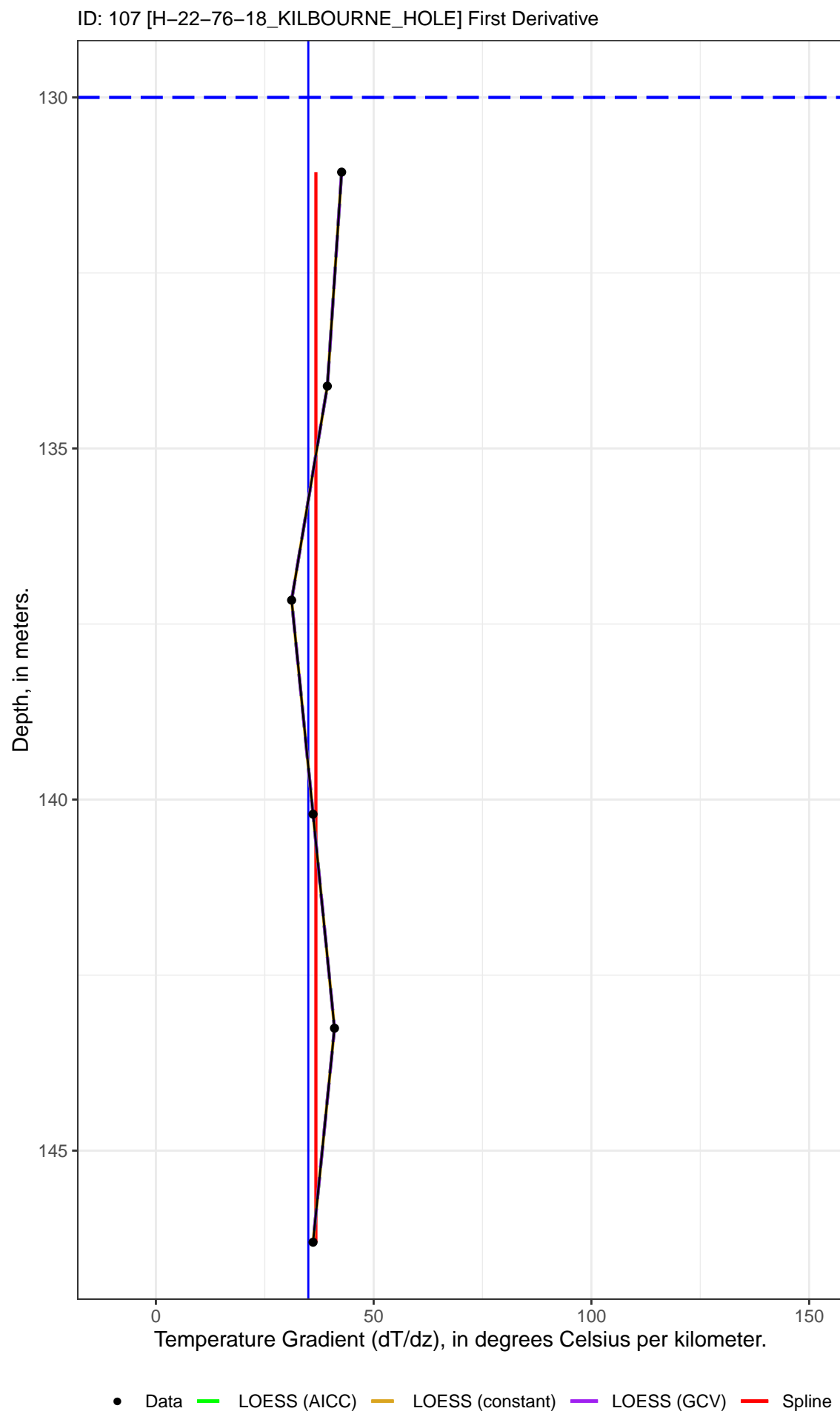
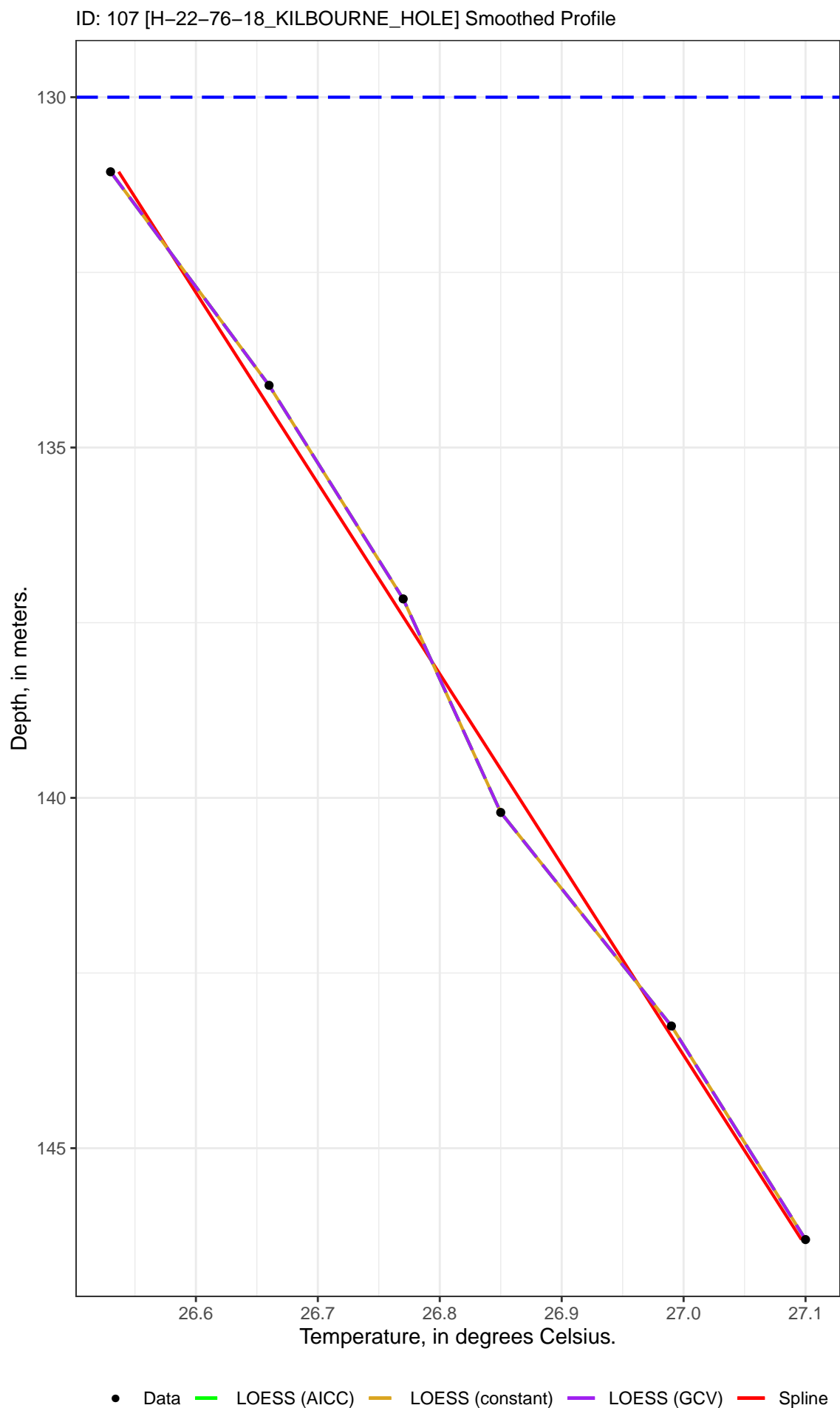
ID: 105 [H-22-76-15_KILBOURNE_HOLE] Second Derivative



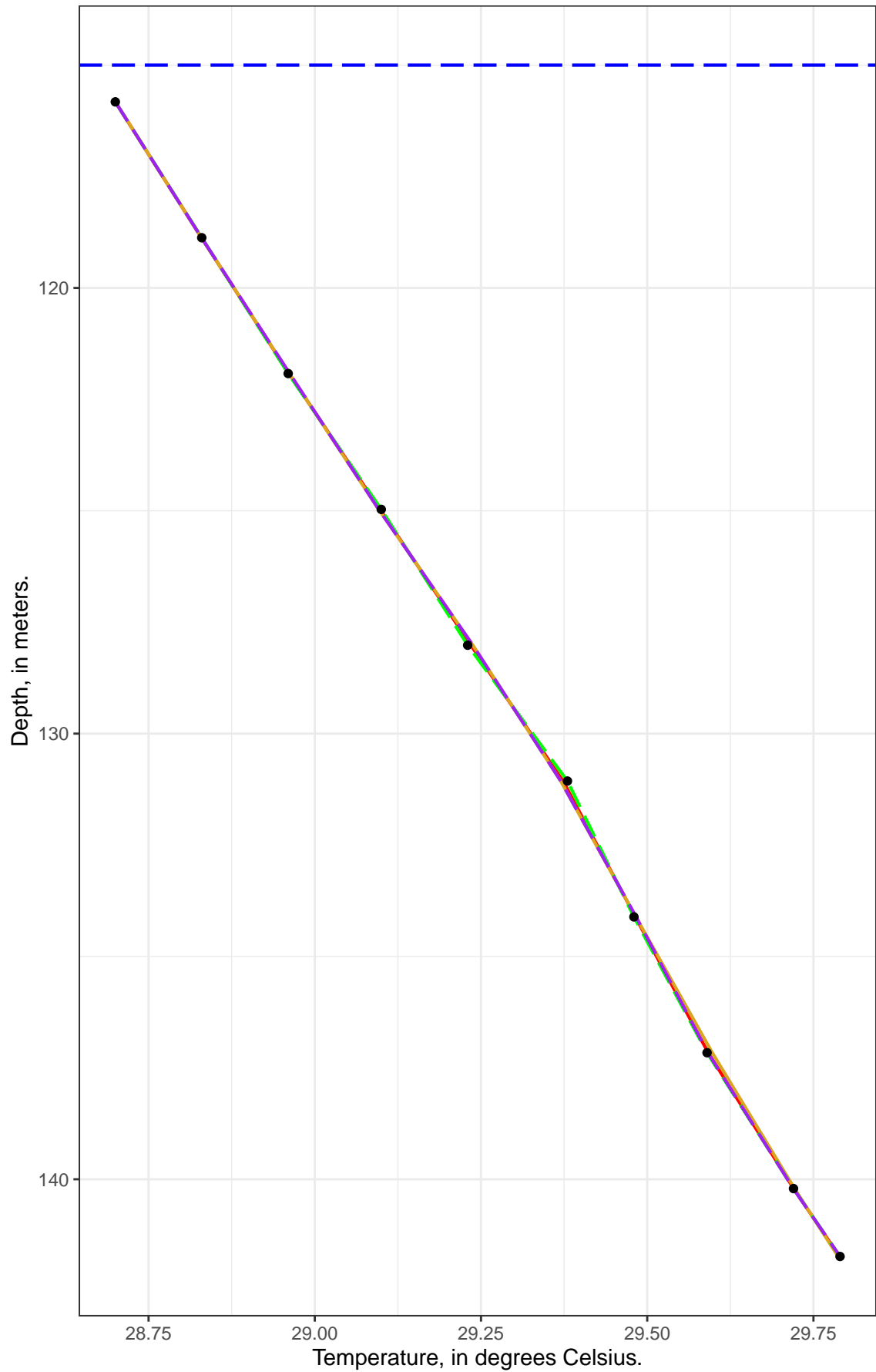
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

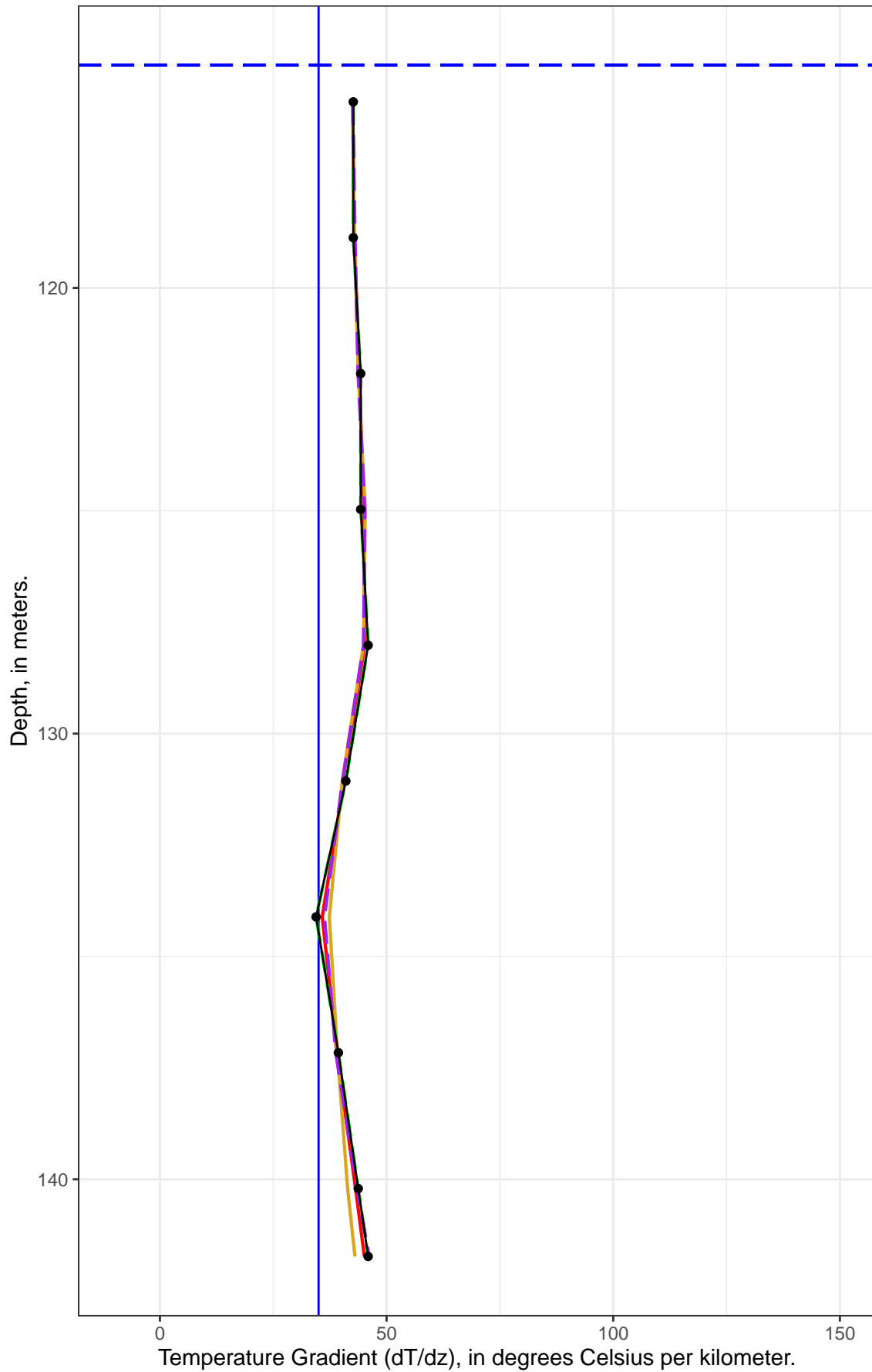
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline



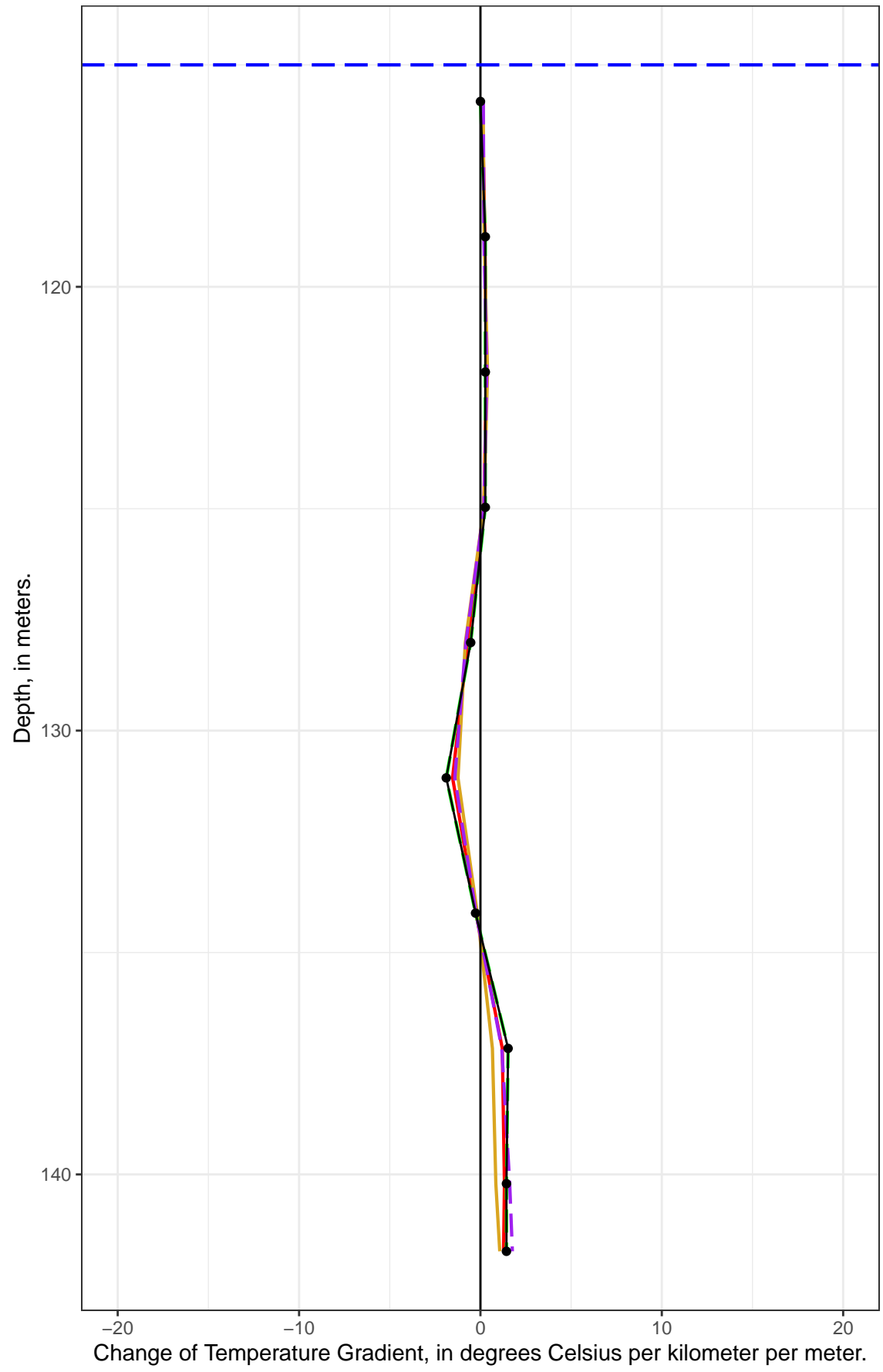
ID: 110 [H-22-76-20_KILBOURNE_HOLE] Smoothed Profile



ID: 110 [H-22-76-20_KILBOURNE_HOLE] First Derivative



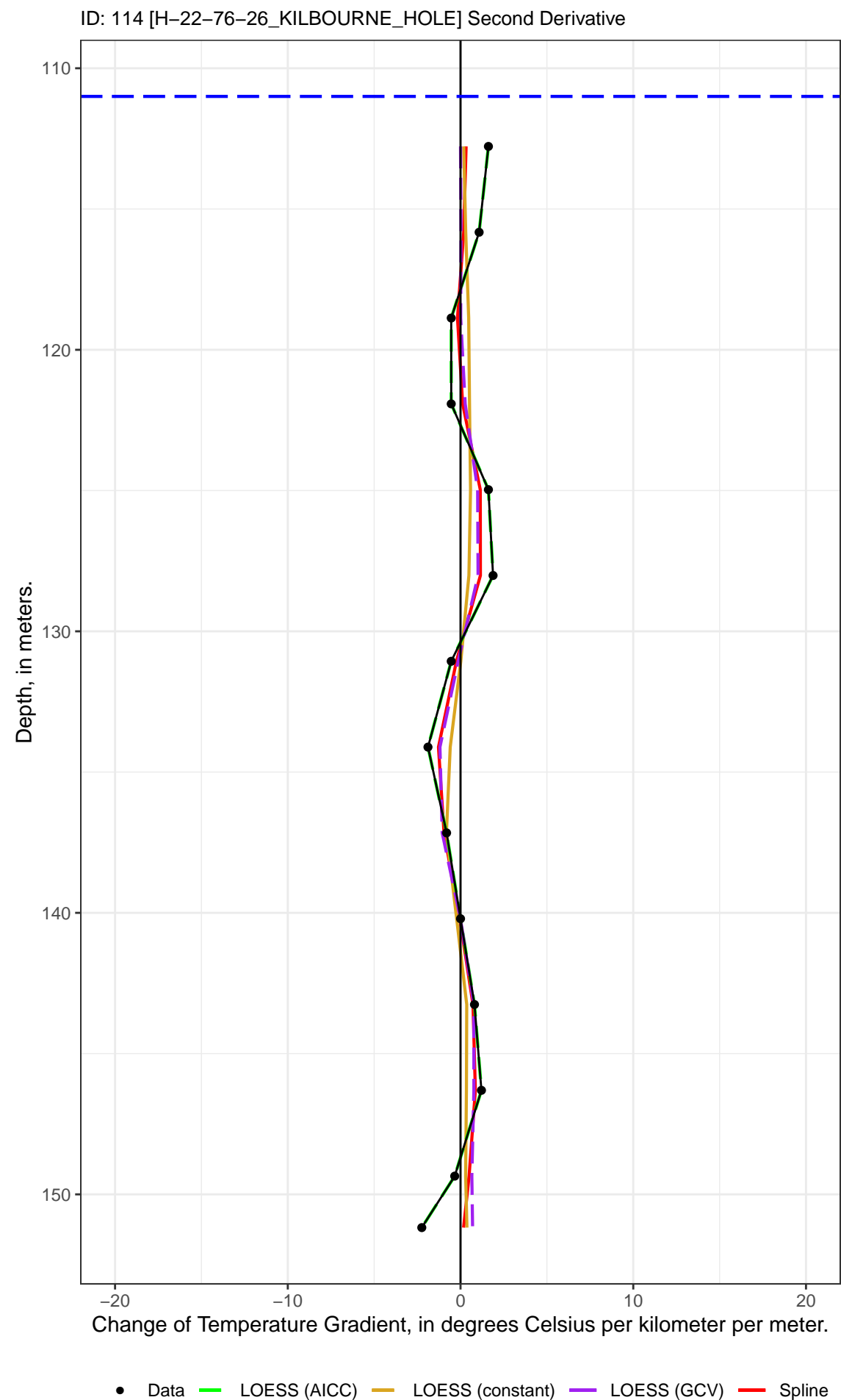
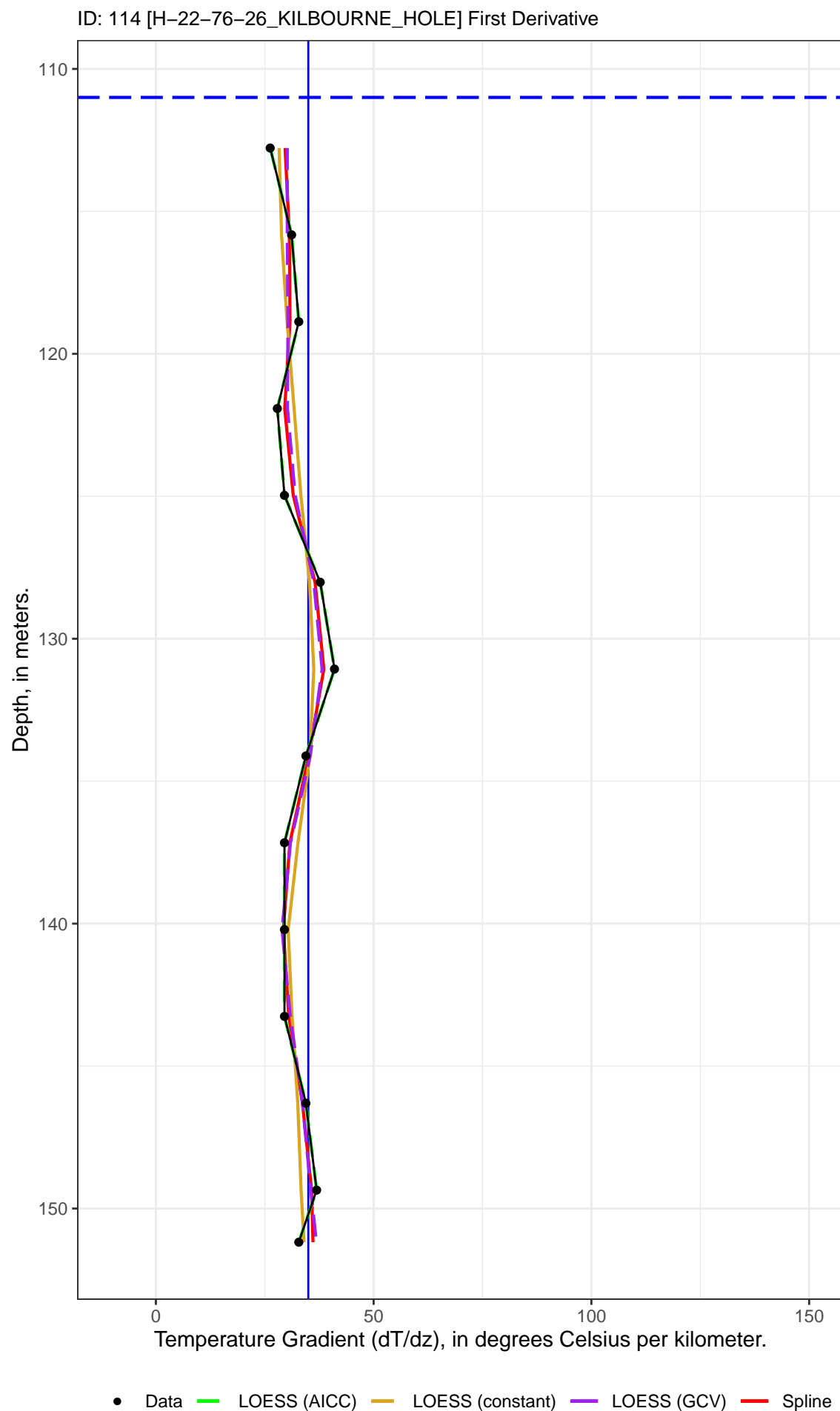
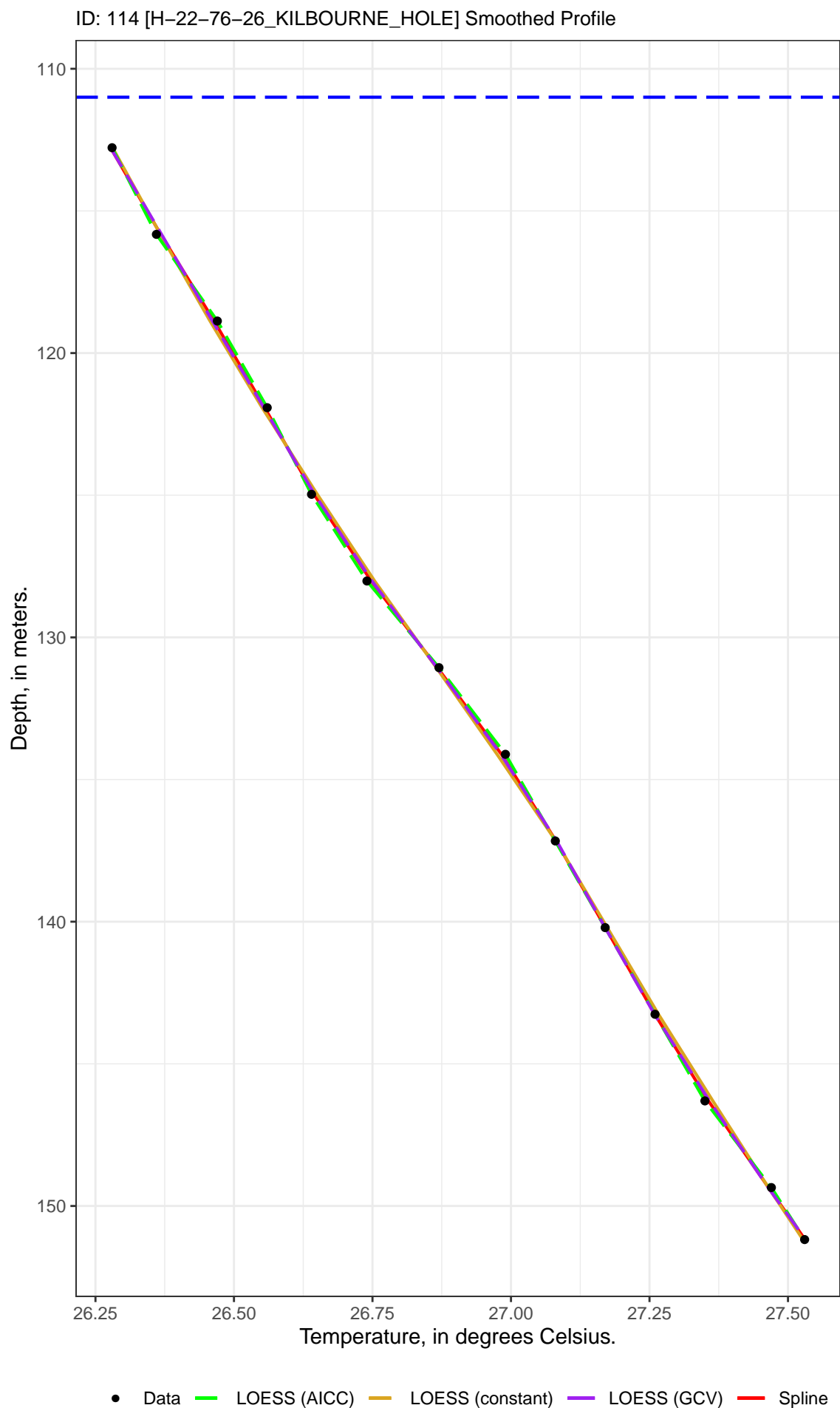
ID: 110 [H-22-76-20_KILBOURNE_HOLE] Second Derivative



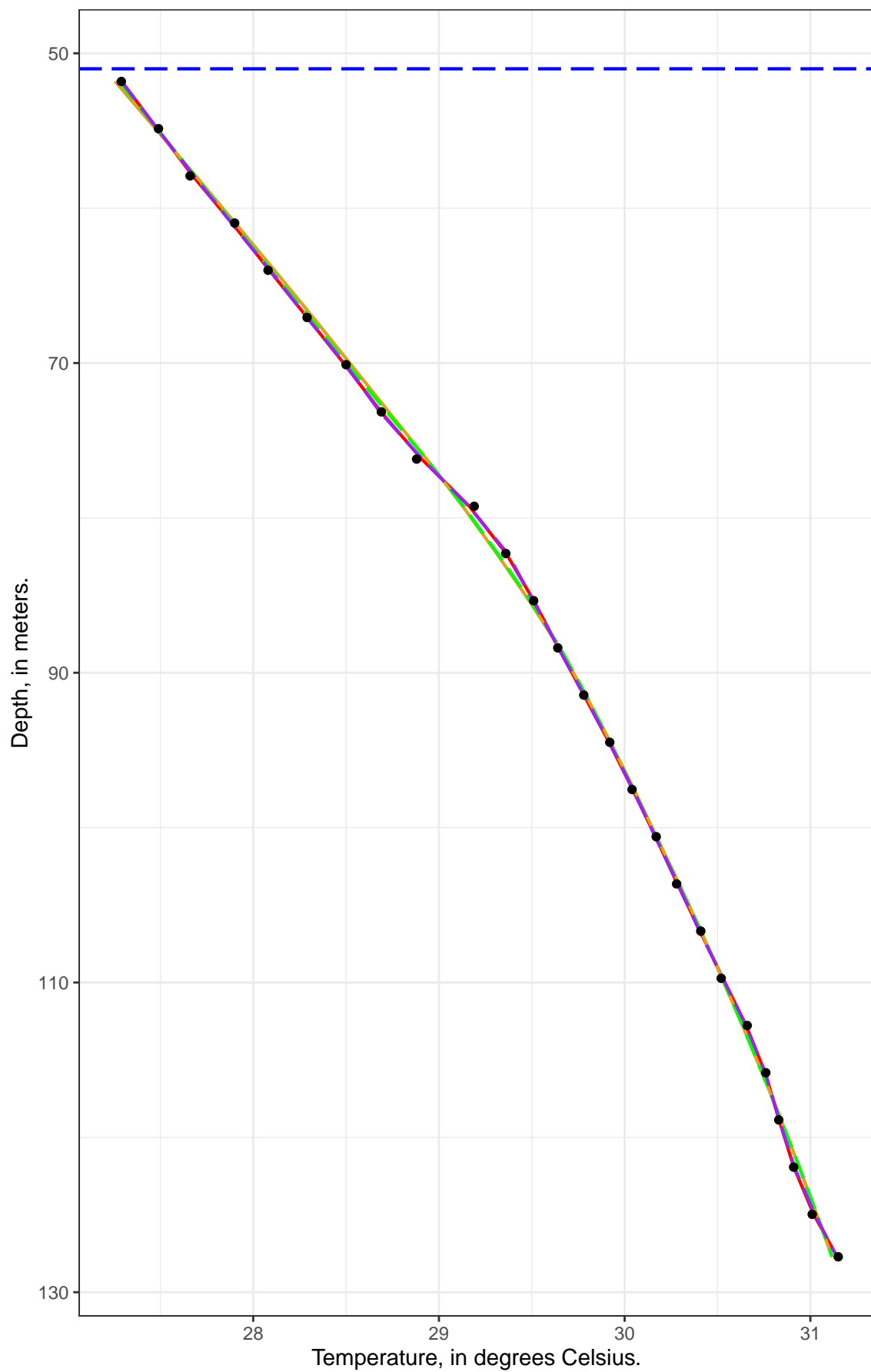
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

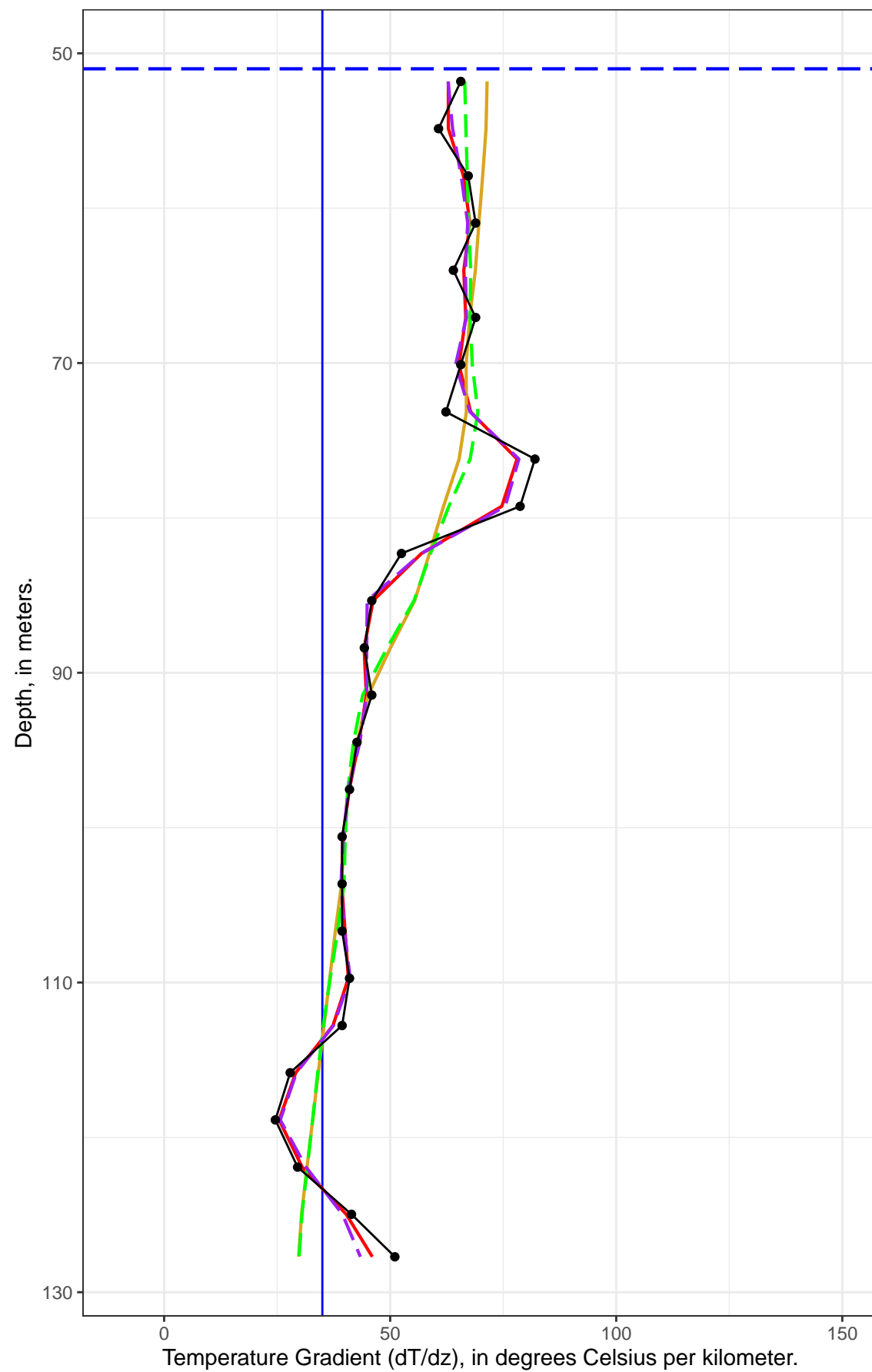
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline



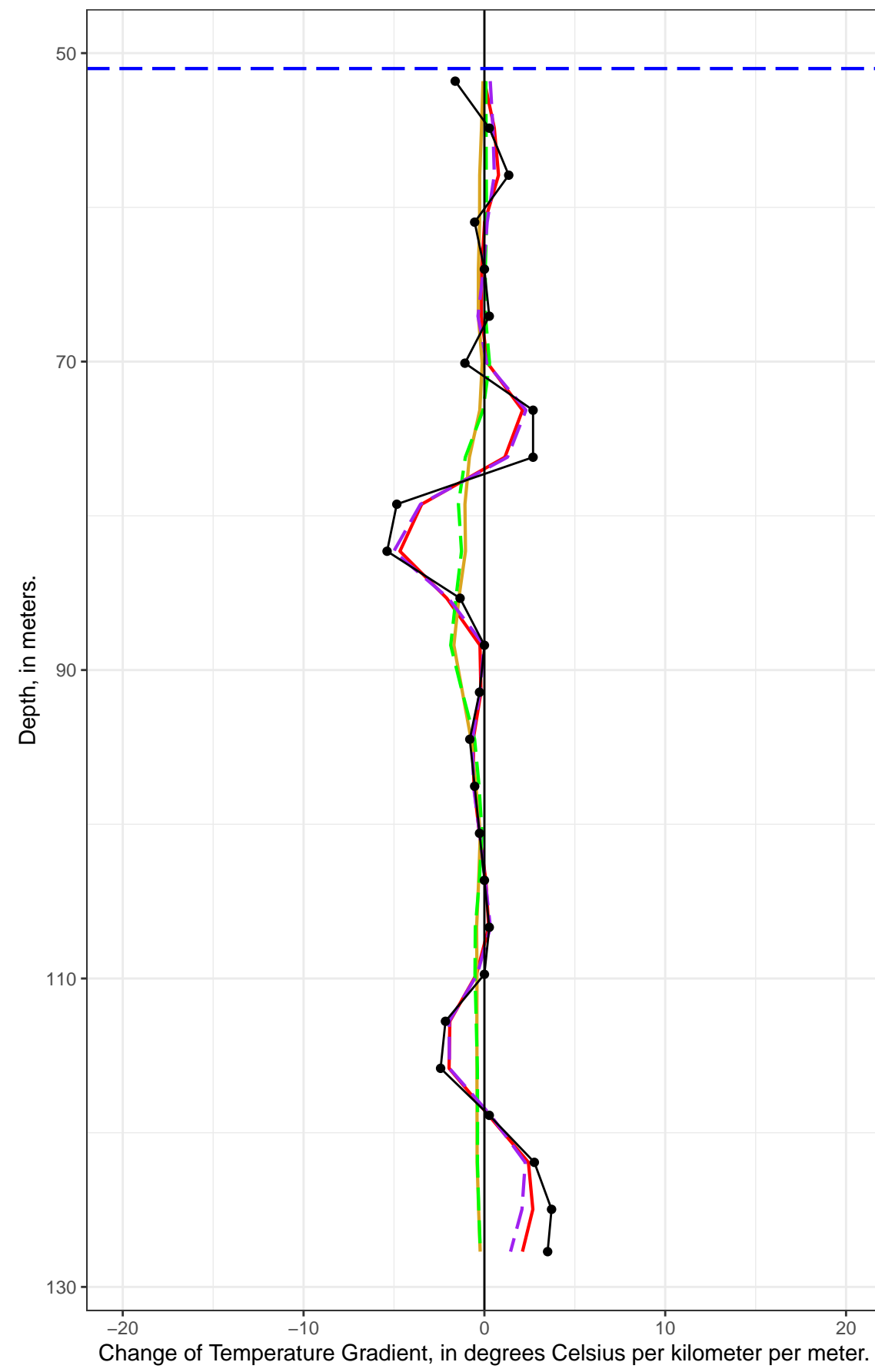
ID: 115 [H-22-76-27_KILBOURNE_HOLE] Smoothed Profile



ID: 115 [H-22-76-27_KILBOURNE_HOLE] First Derivative



ID: 115 [H-22-76-27_KILBOURNE_HOLE] Second Derivative

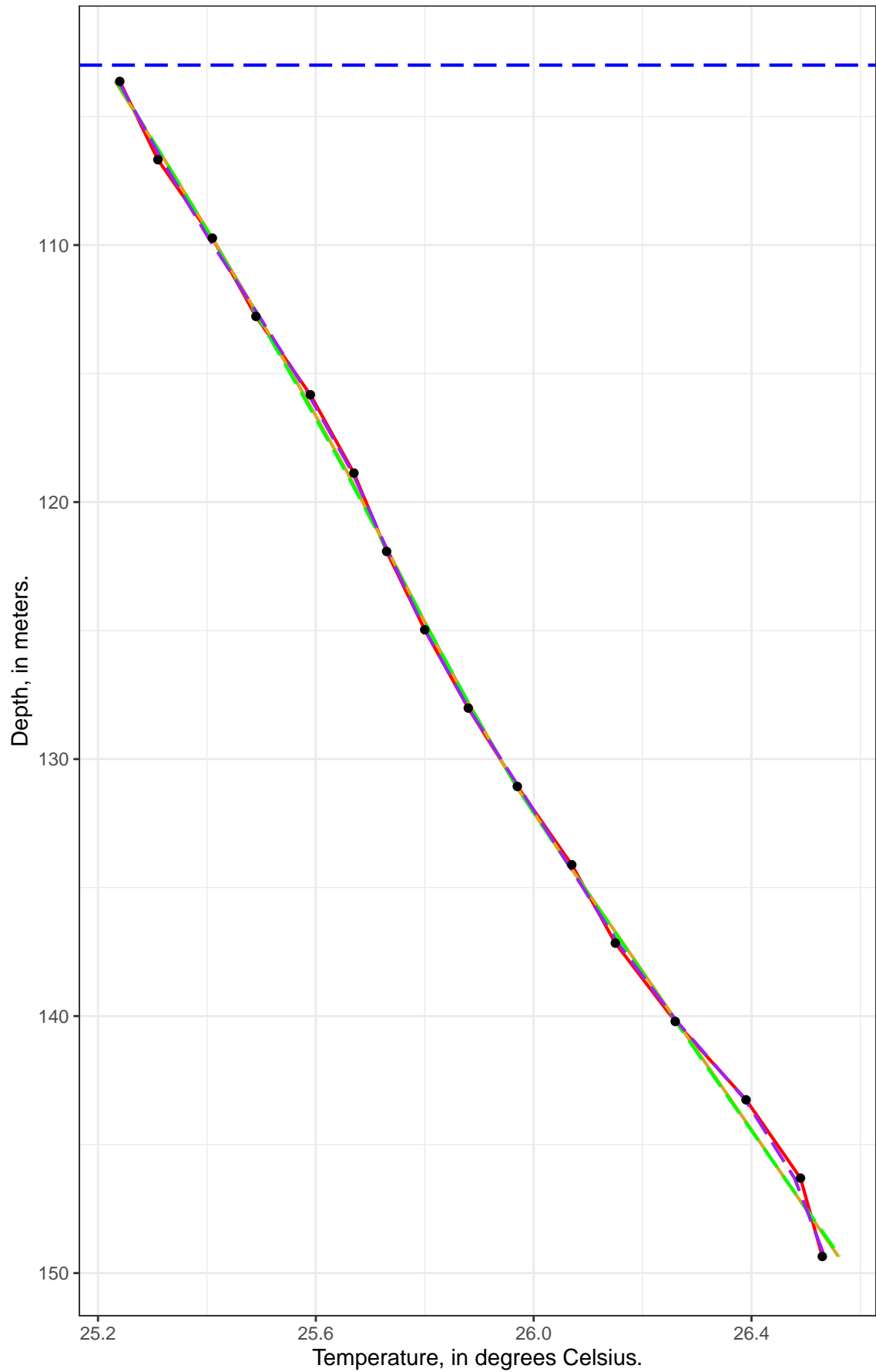


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

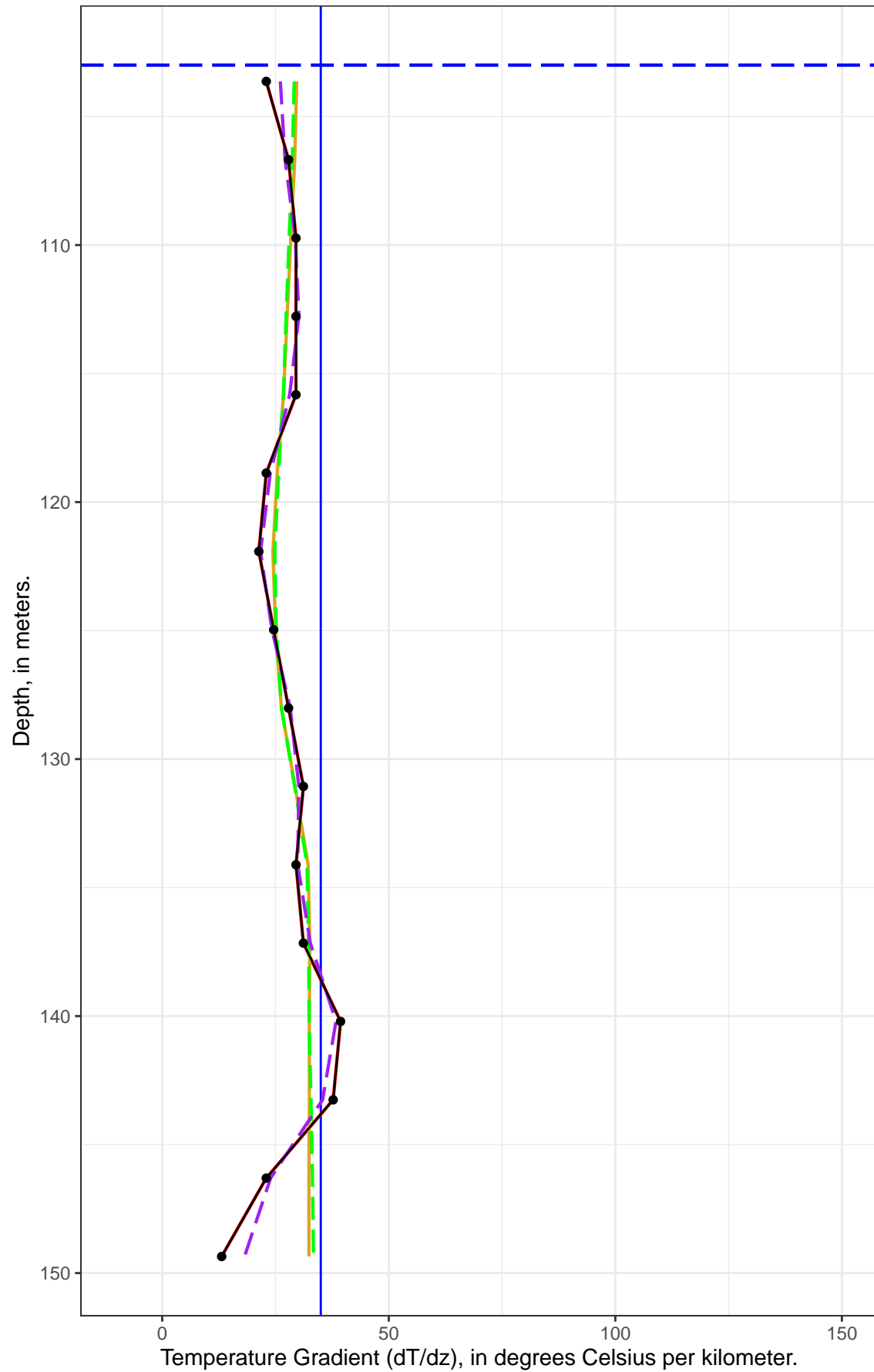
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

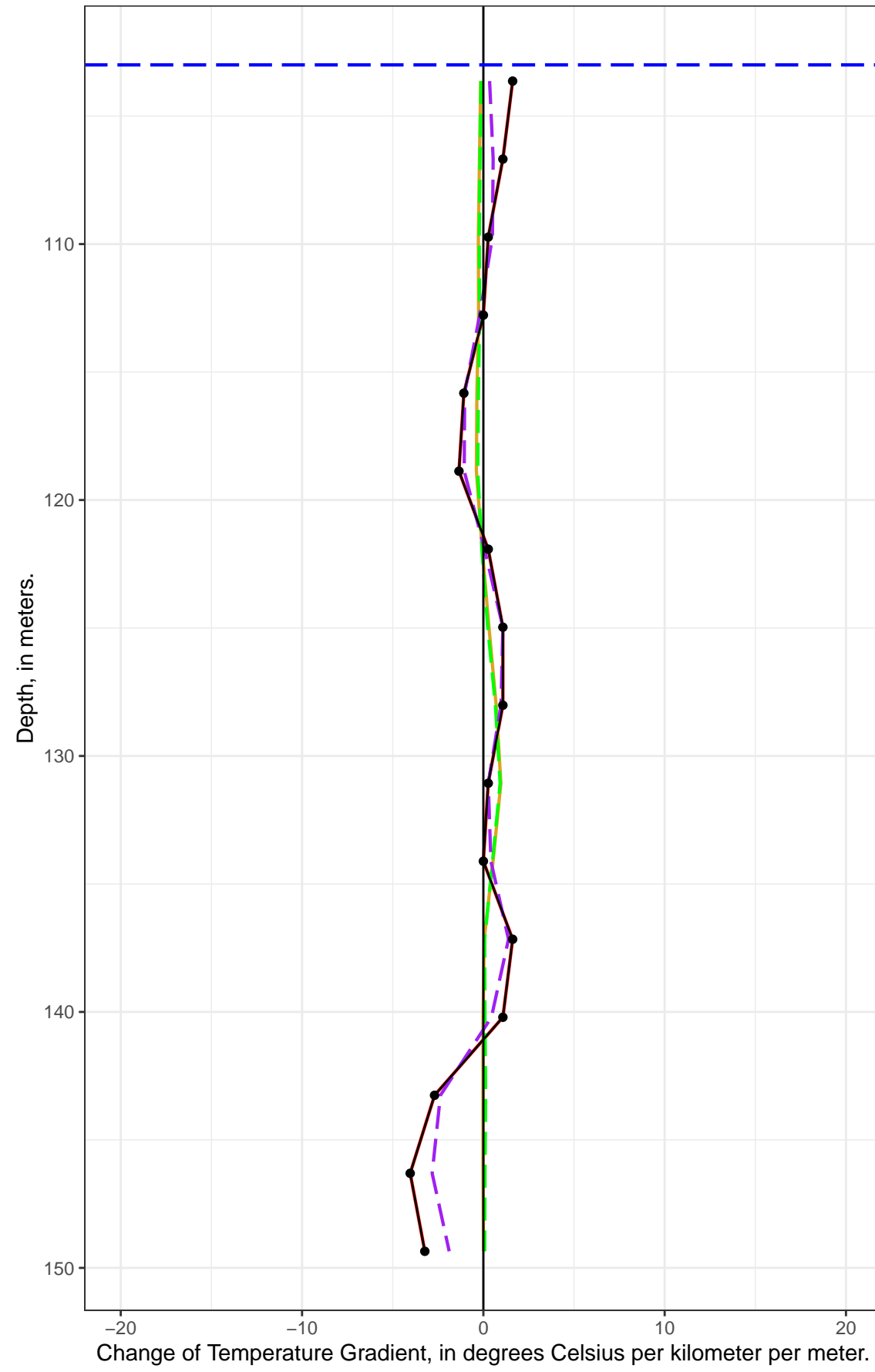
ID: 116 [H-22-76-28_KILBOURNE_HOLE] Smoothed Profile



ID: 116 [H-22-76-28_KILBOURNE_HOLE] First Derivative



ID: 116 [H-22-76-28_KILBOURNE_HOLE] Second Derivative

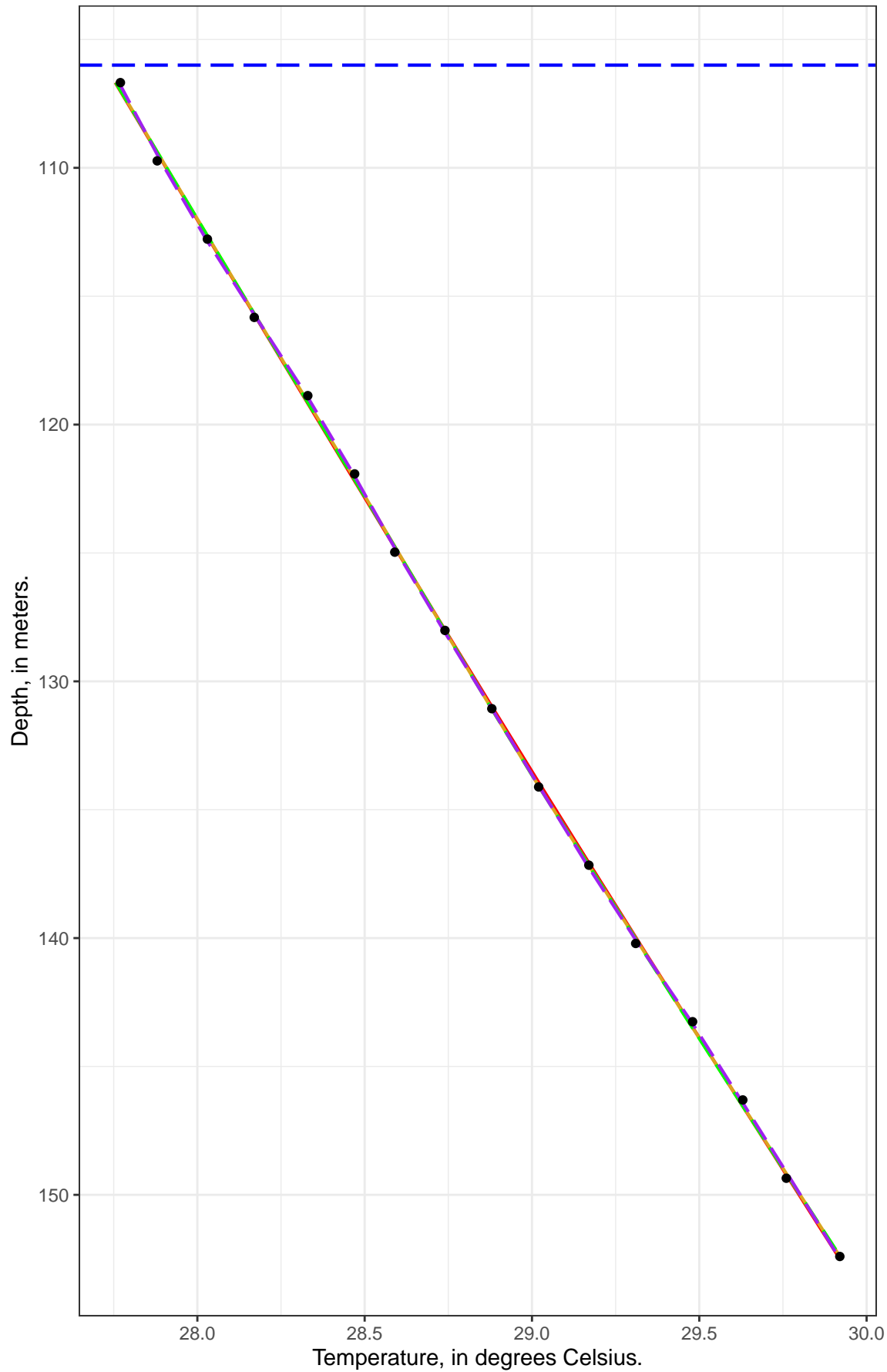


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

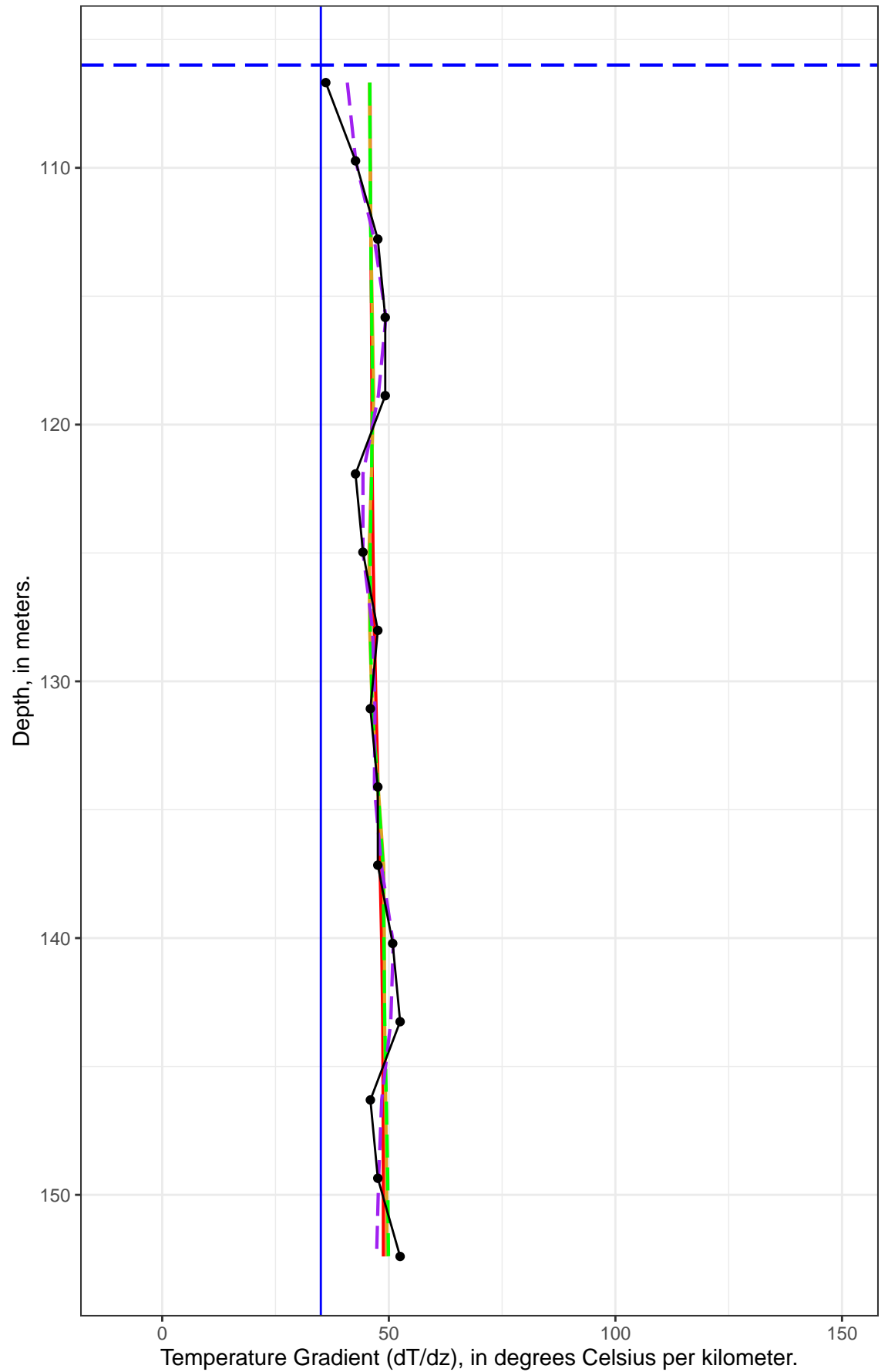
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

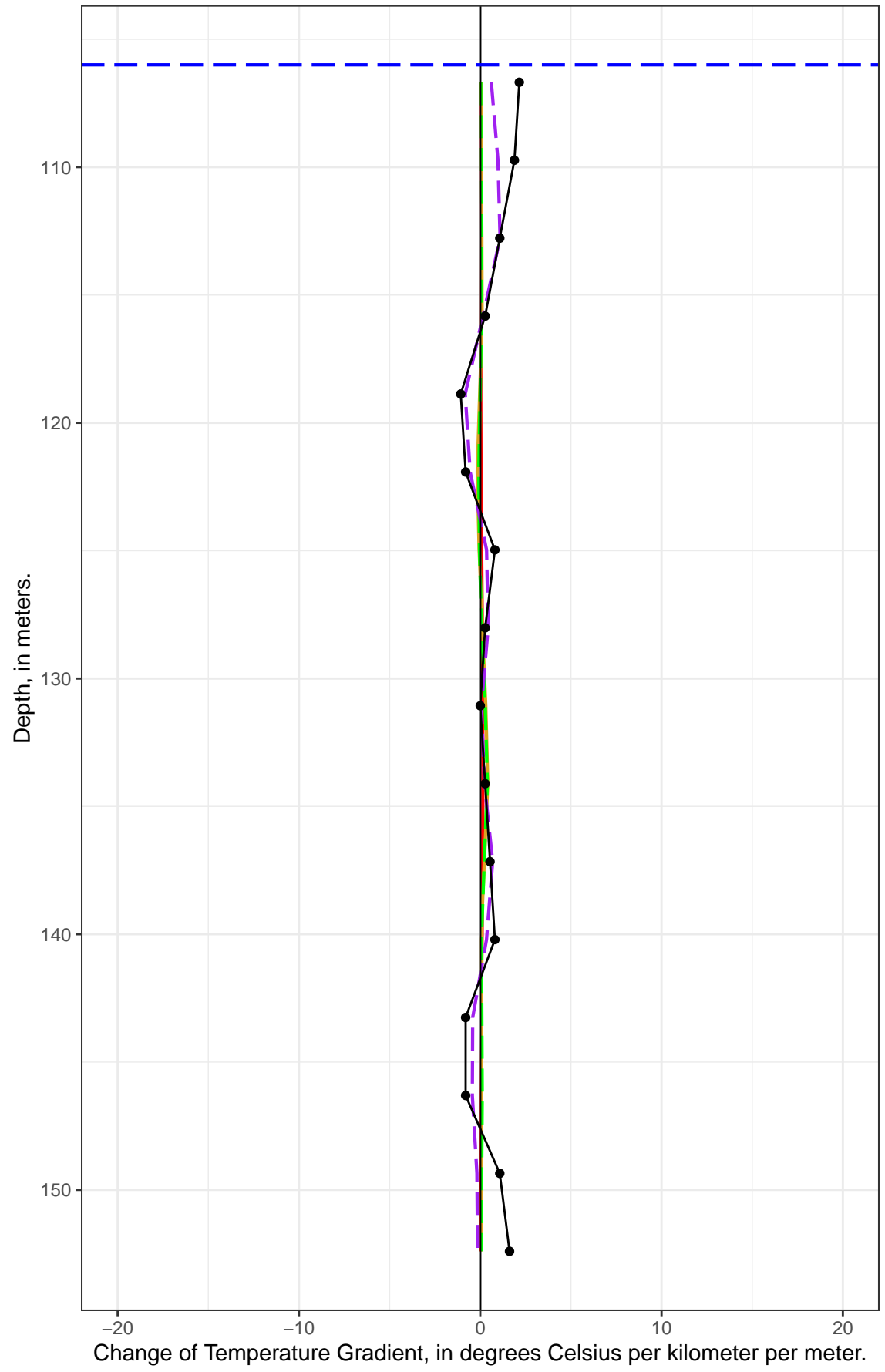
ID: 117 [H-22-76-29_KILBOURNE_HOLE] Smoothed Profile



ID: 117 [H-22-76-29_KILBOURNE_HOLE] First Derivative



ID: 117 [H-22-76-29_KILBOURNE_HOLE] Second Derivative

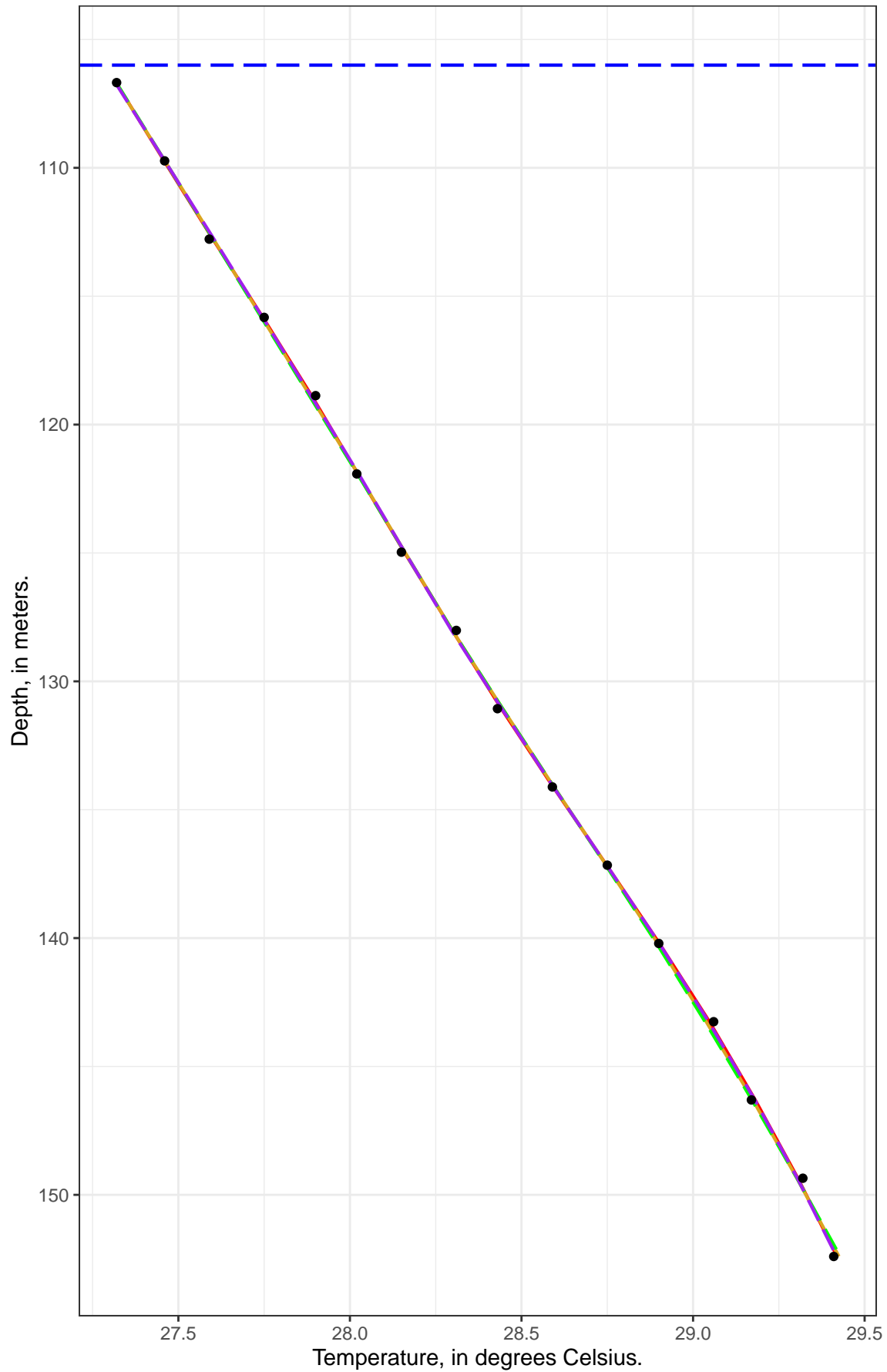


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

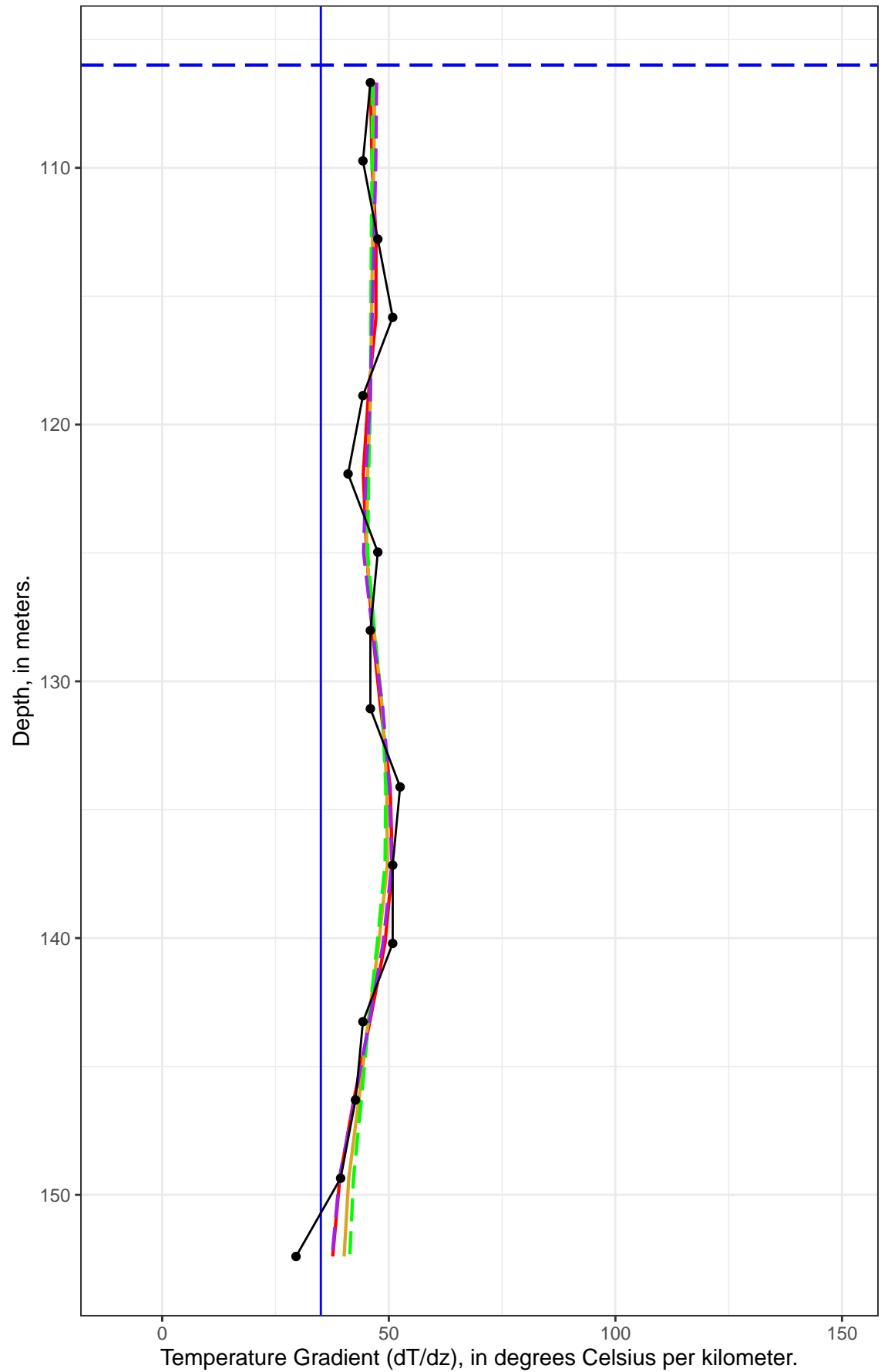
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

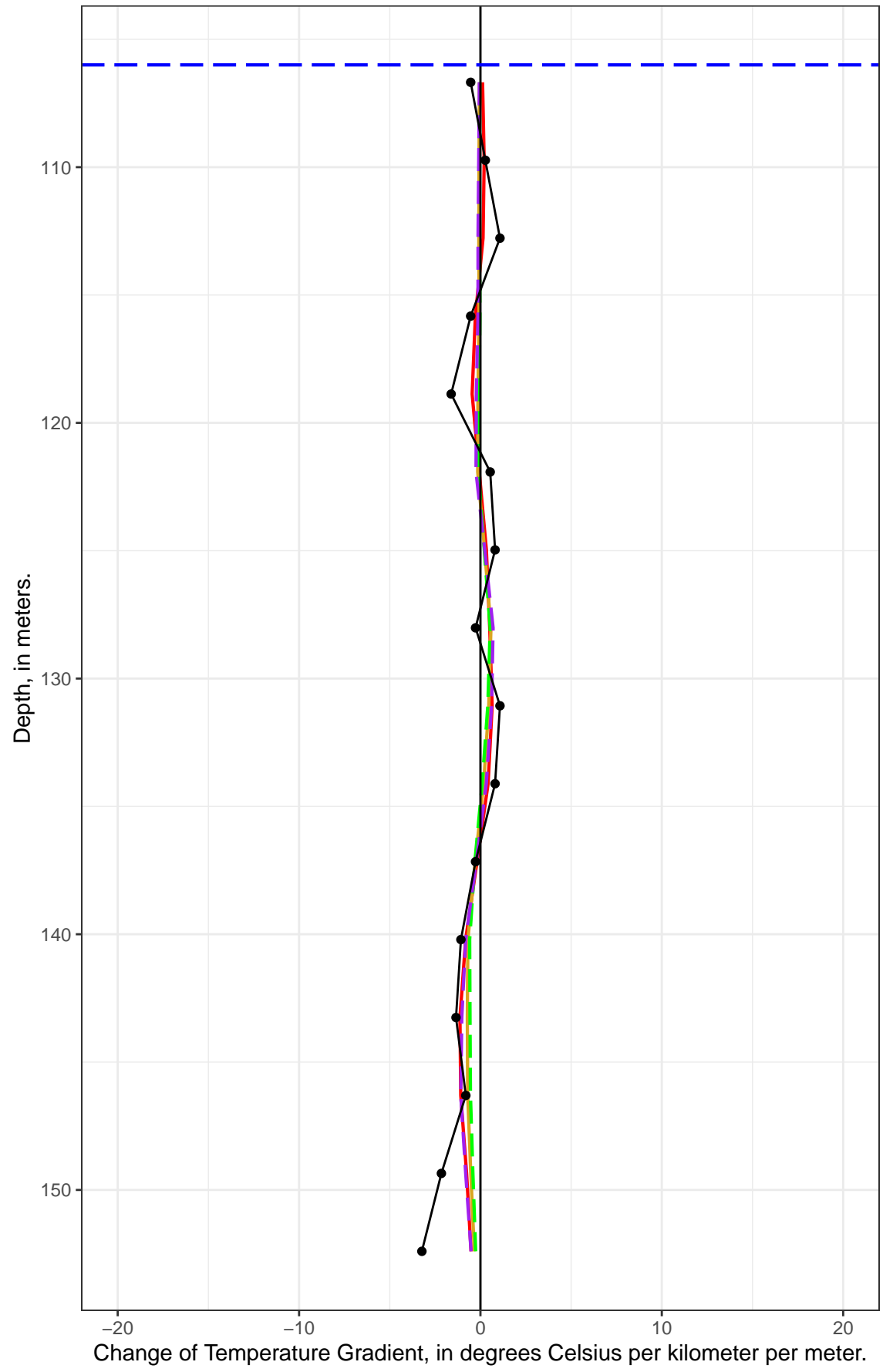
ID: 118 [H-22-76-30_KILBOURNE_HOLE] Smoothed Profile



ID: 118 [H-22-76-30_KILBOURNE_HOLE] First Derivative



ID: 118 [H-22-76-30_KILBOURNE_HOLE] Second Derivative

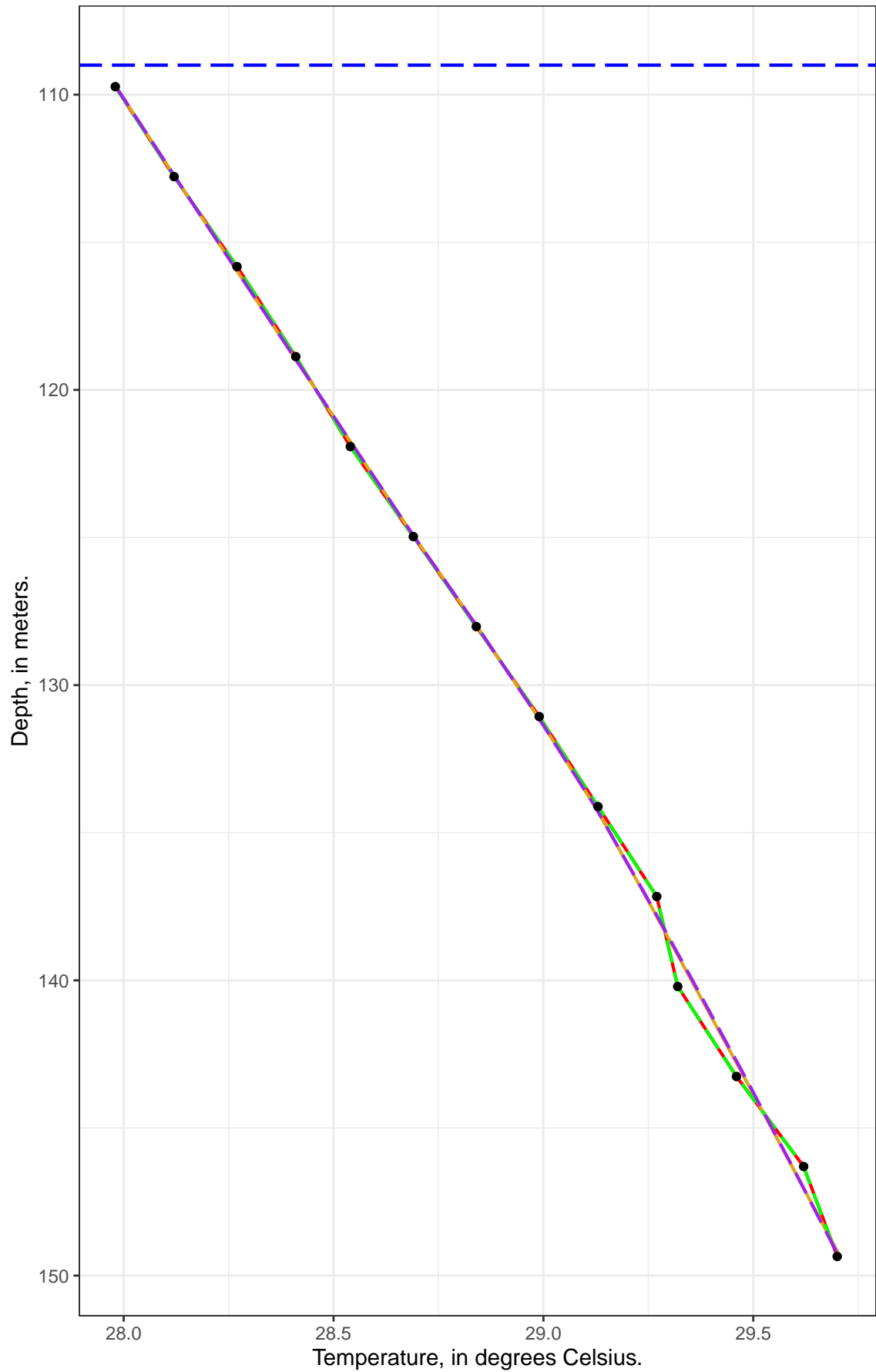


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

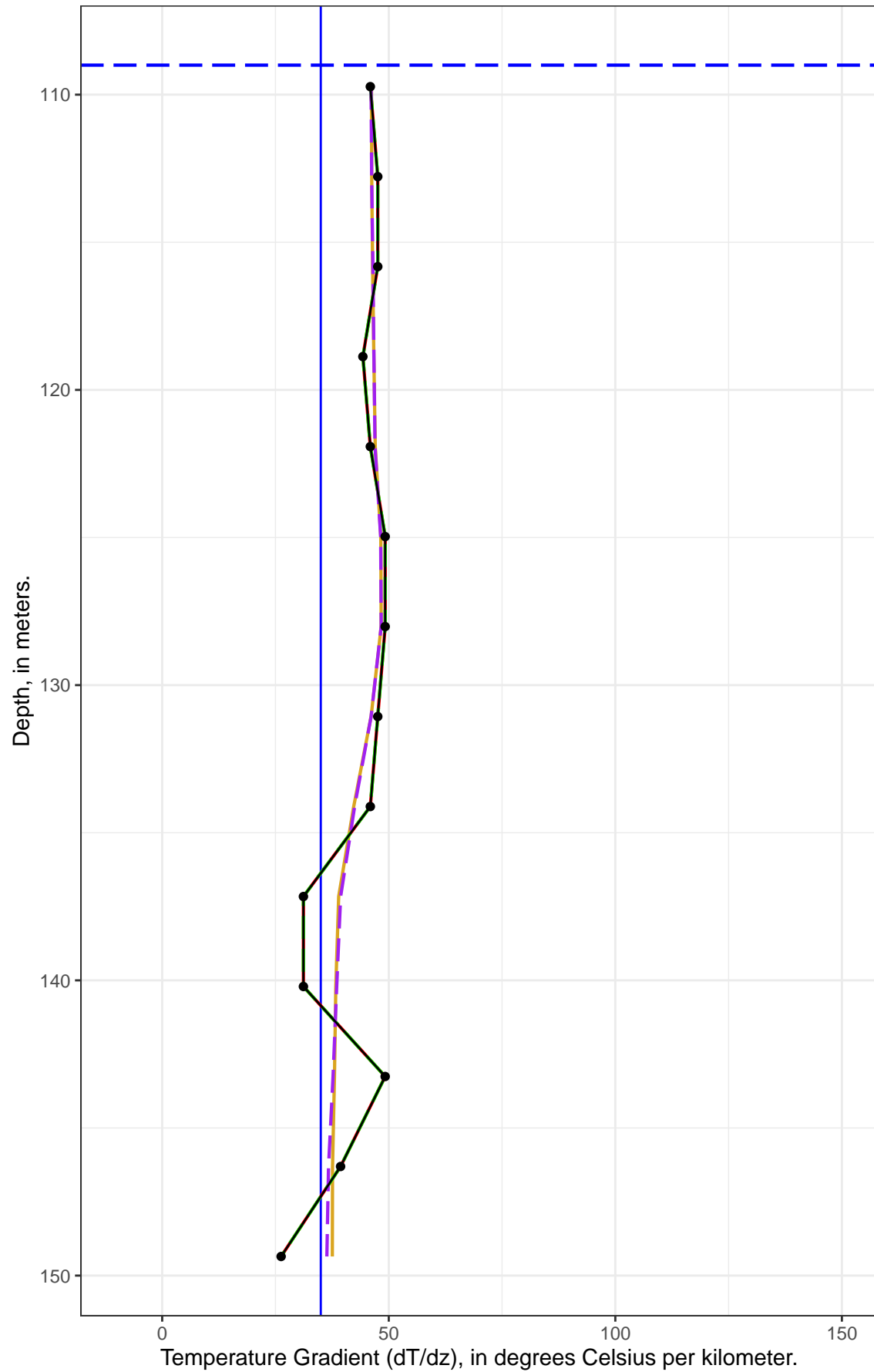
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

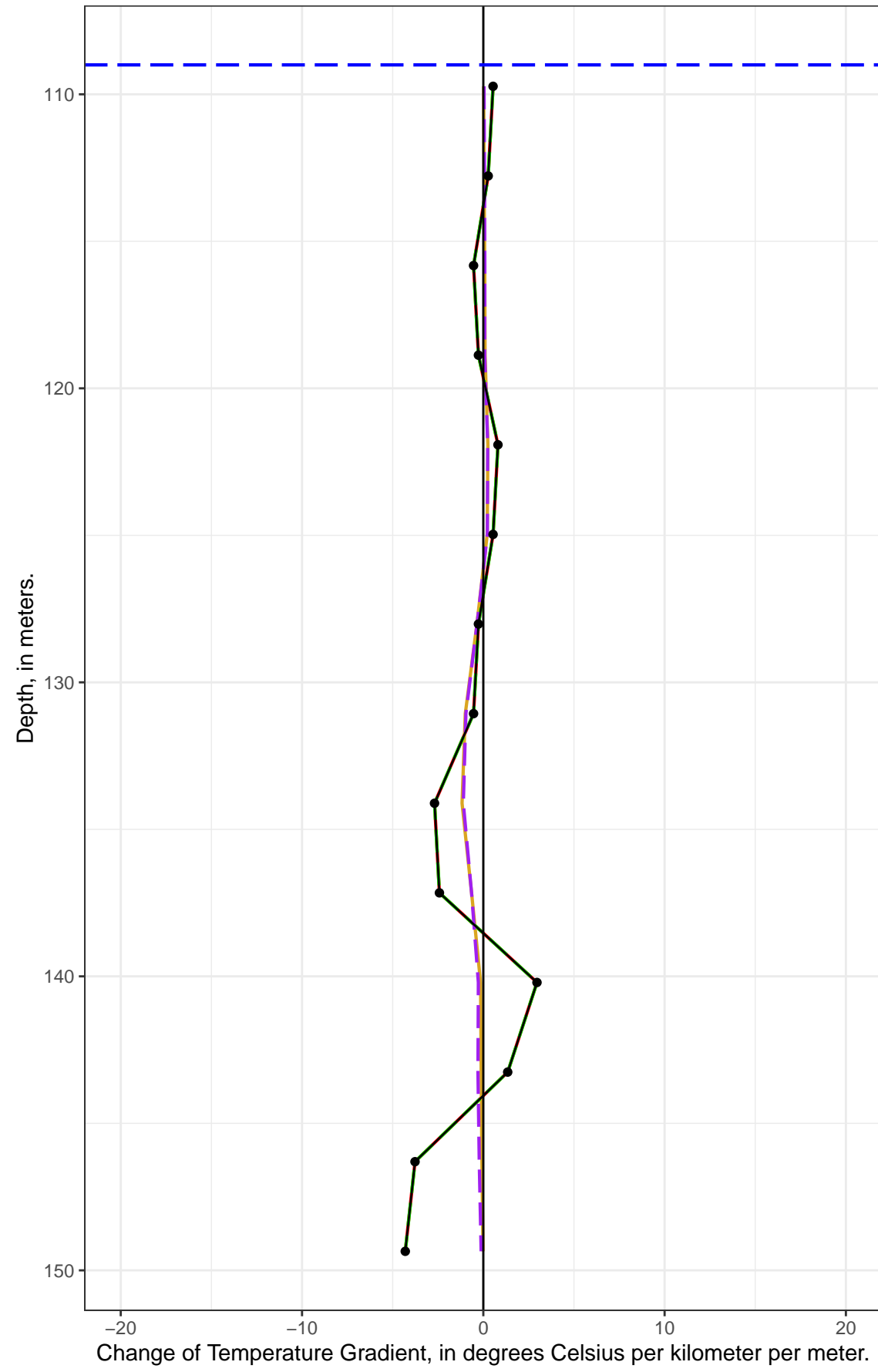
ID: 119 [H-22-76-31_KILBOURNE_HOLE] Smoothed Profile



ID: 119 [H-22-76-31_KILBOURNE_HOLE] First Derivative



ID: 119 [H-22-76-31_KILBOURNE_HOLE] Second Derivative

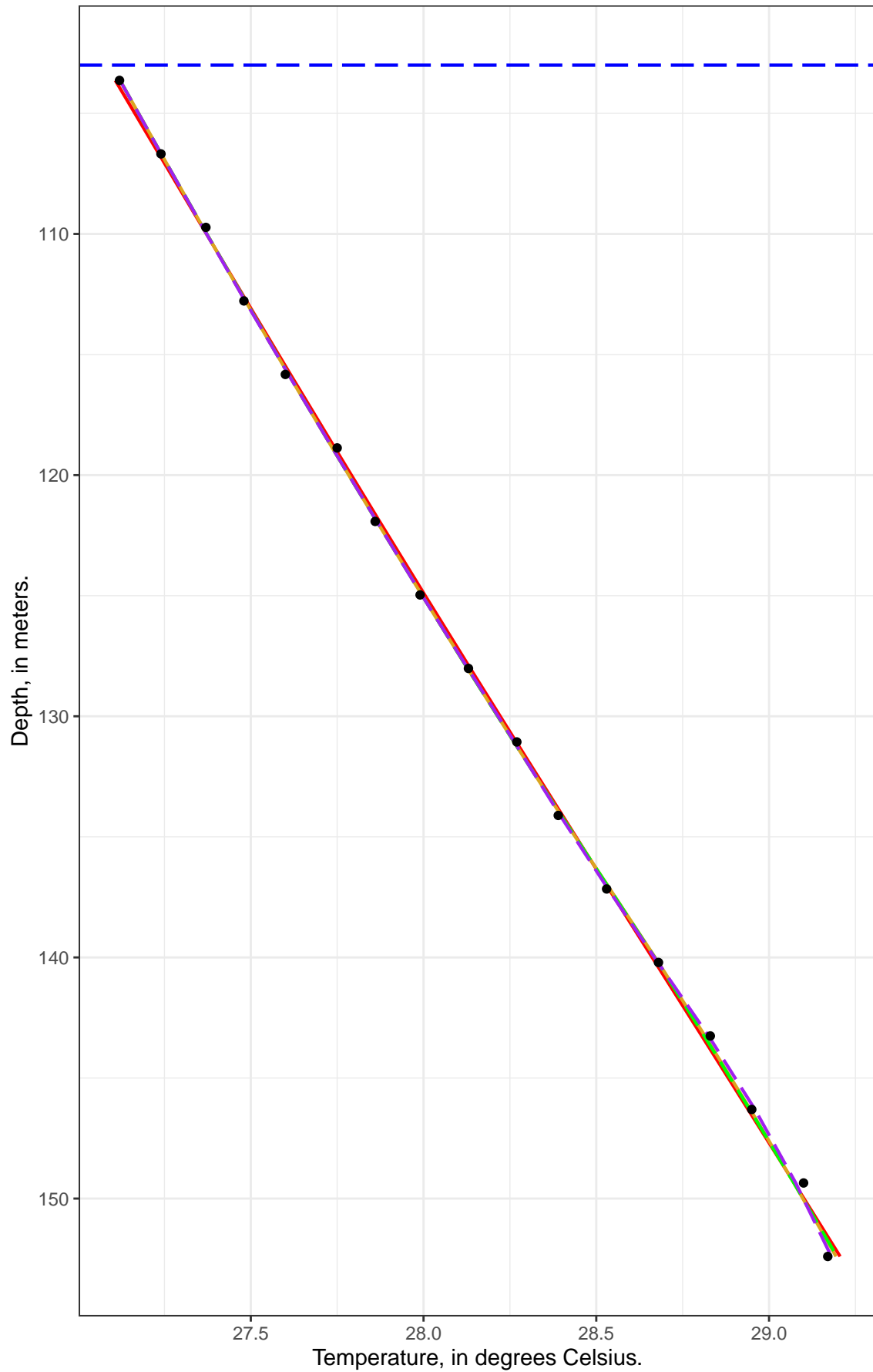


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

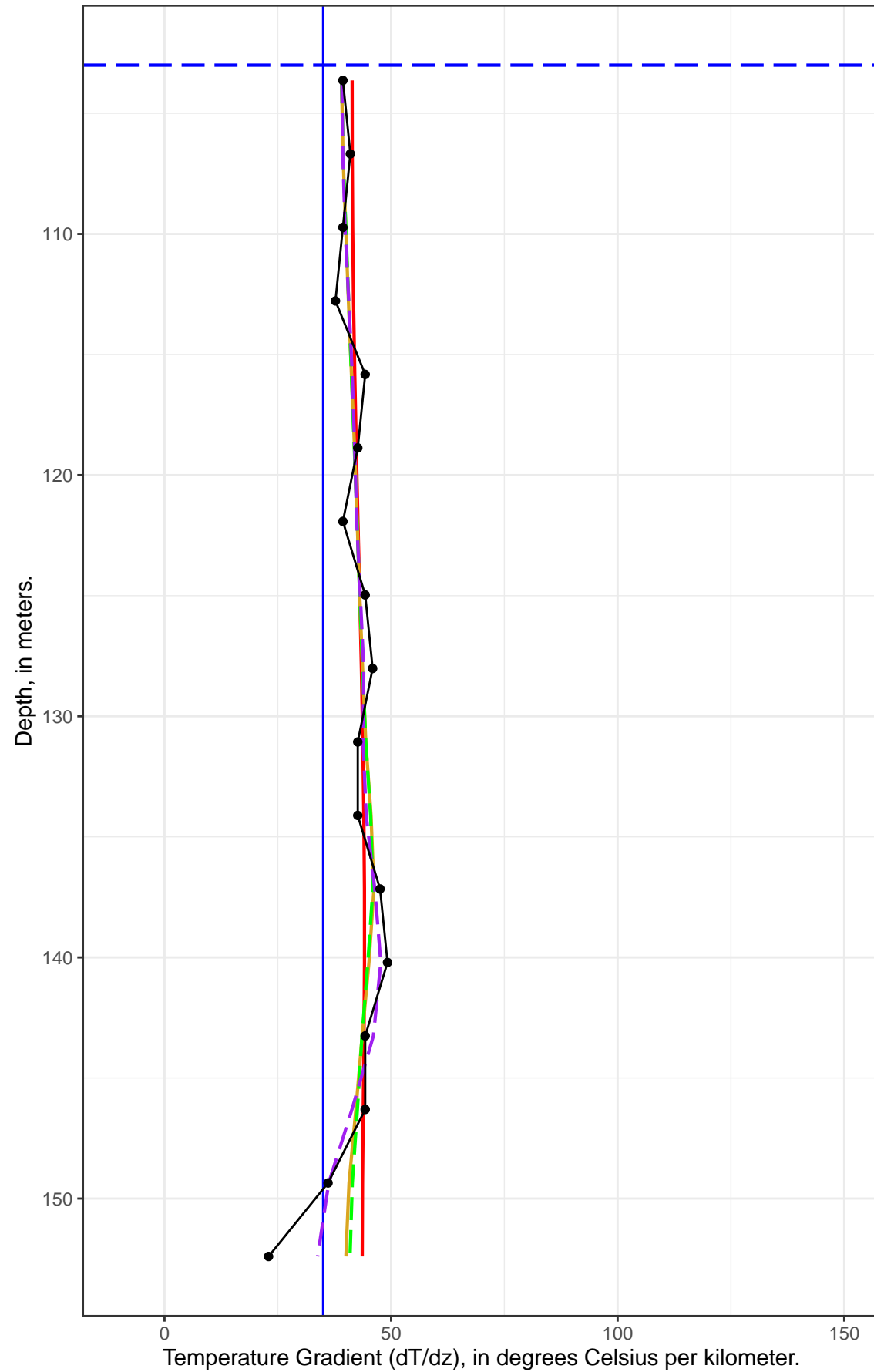
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

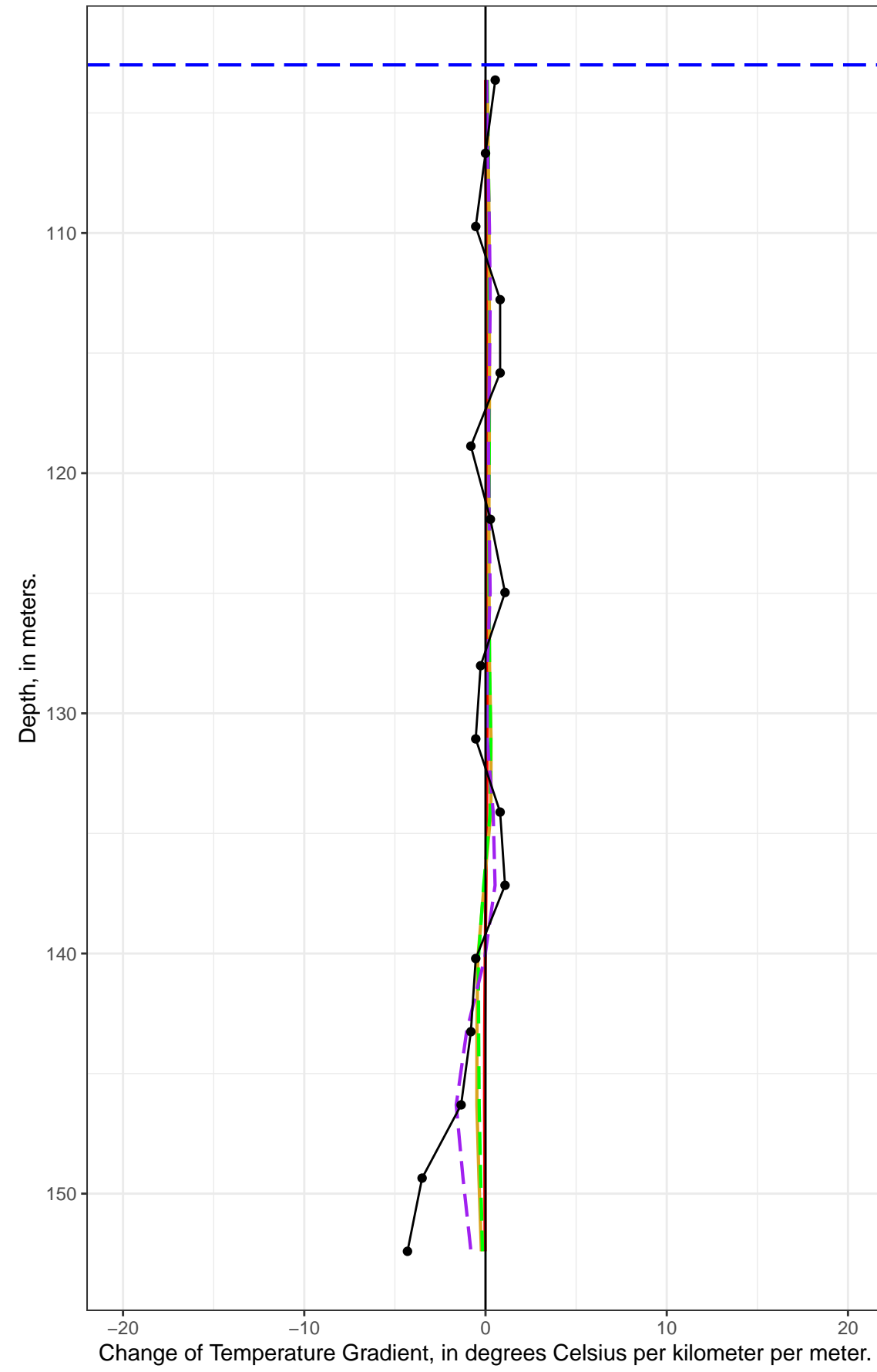
ID: 121 [H-22-76-33_KILBOURNE_HOLE] Smoothed Profile



ID: 121 [H-22-76-33_KILBOURNE_HOLE] First Derivative



ID: 121 [H-22-76-33_KILBOURNE_HOLE] Second Derivative

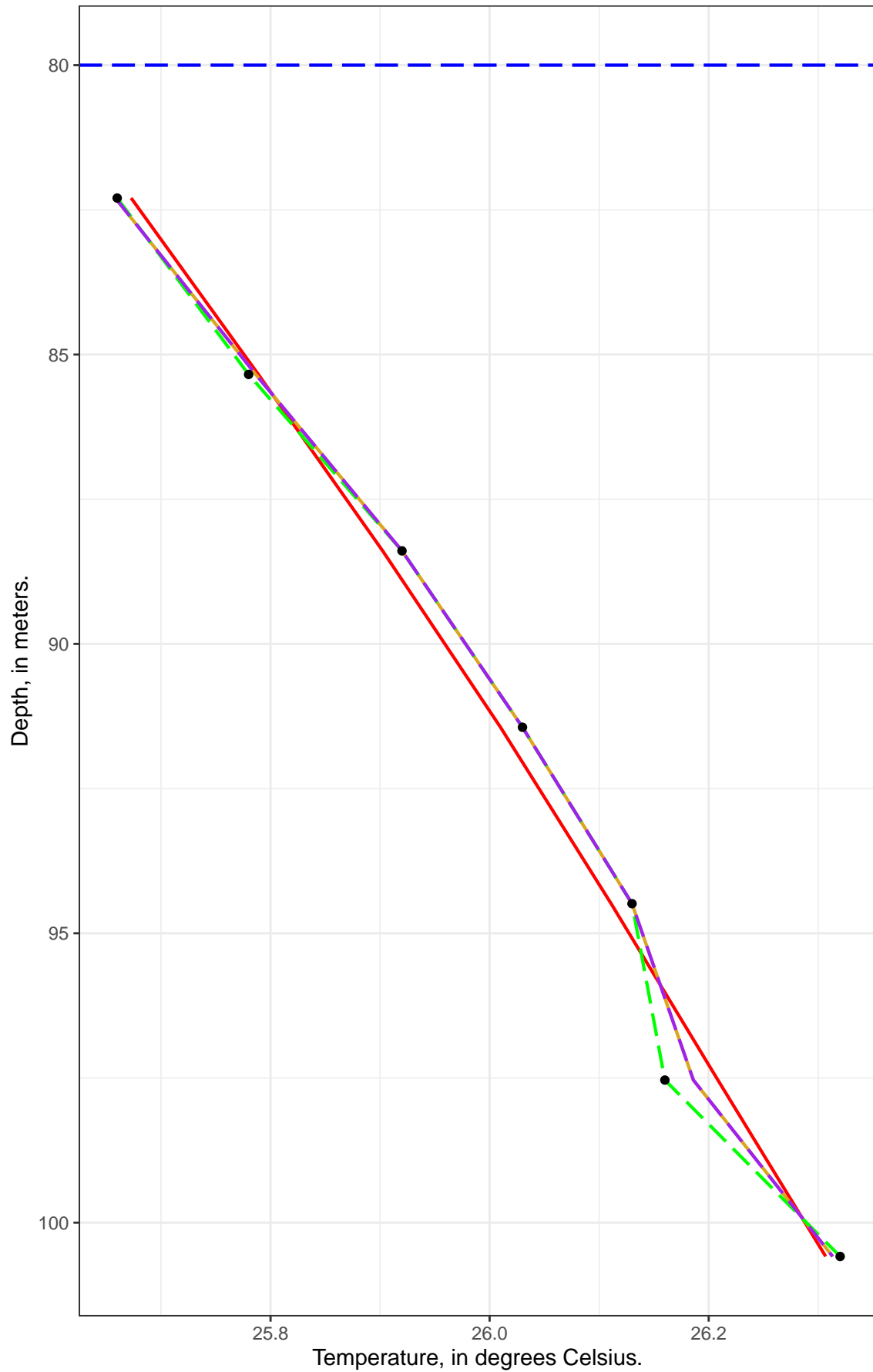


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

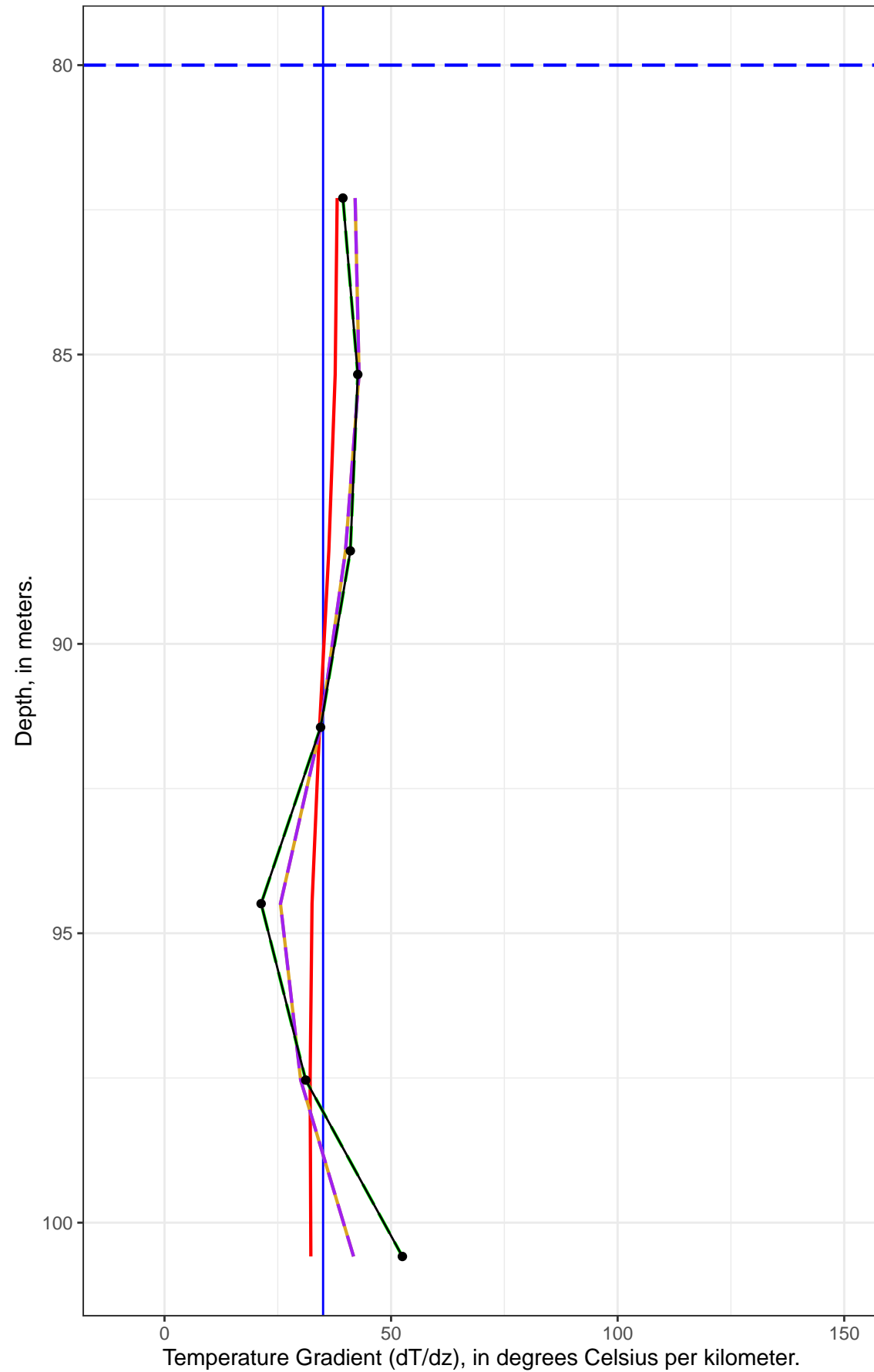
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

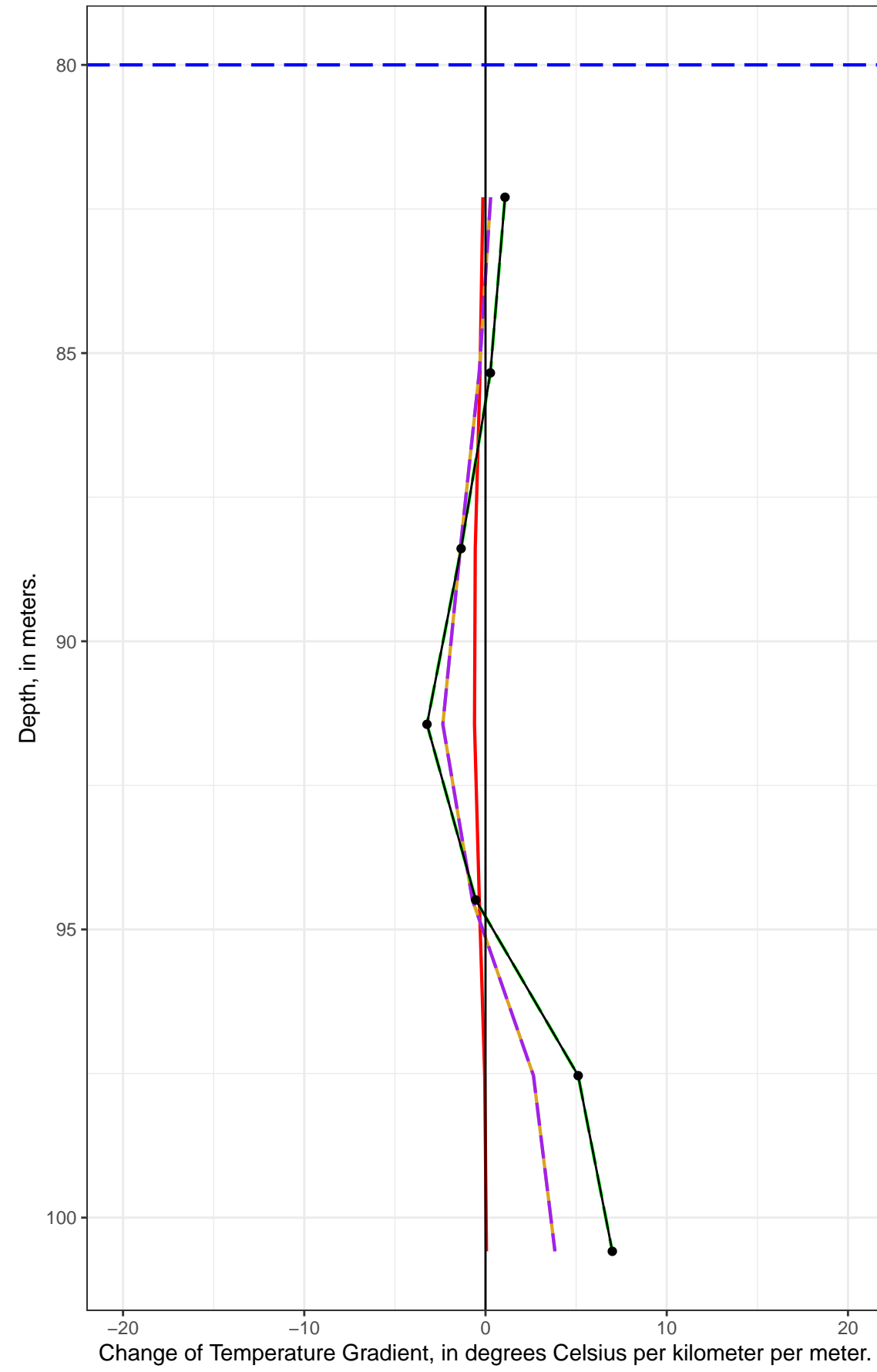
ID: 126 [H-22-76-43_KILBOURNE_HOLE] Smoothed Profile



ID: 126 [H-22-76-43_KILBOURNE_HOLE] First Derivative



ID: 126 [H-22-76-43_KILBOURNE_HOLE] Second Derivative

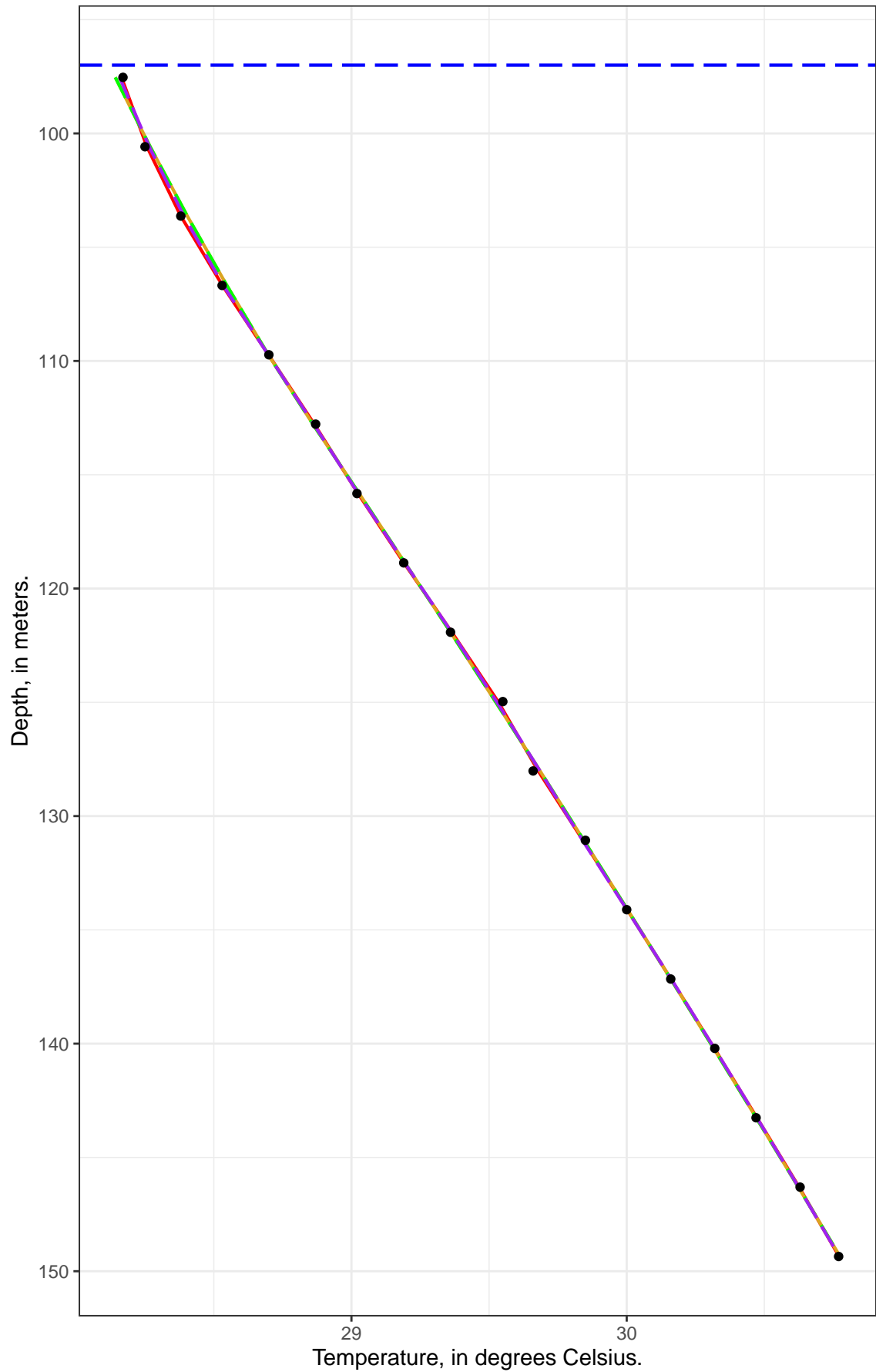


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

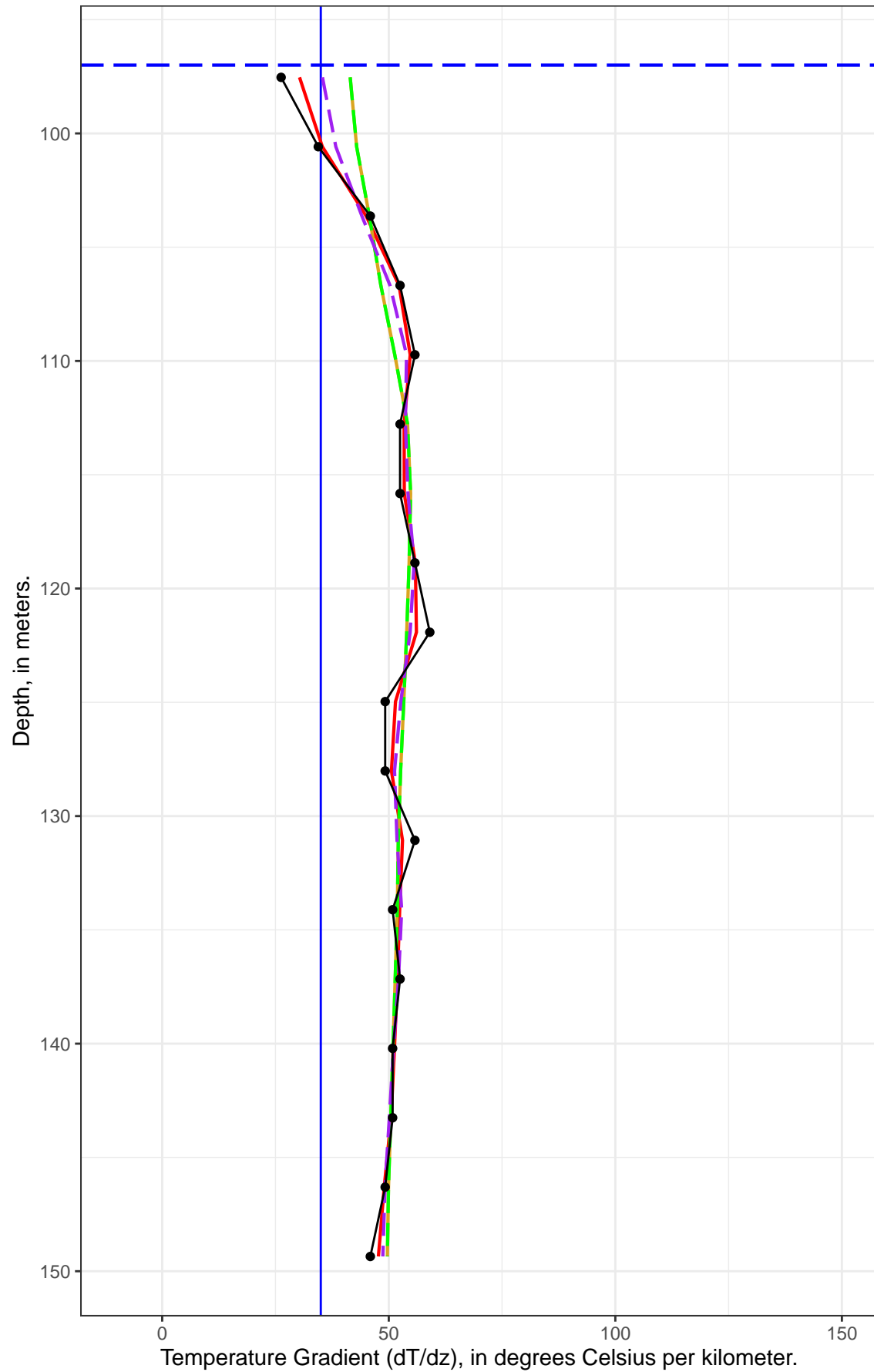
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

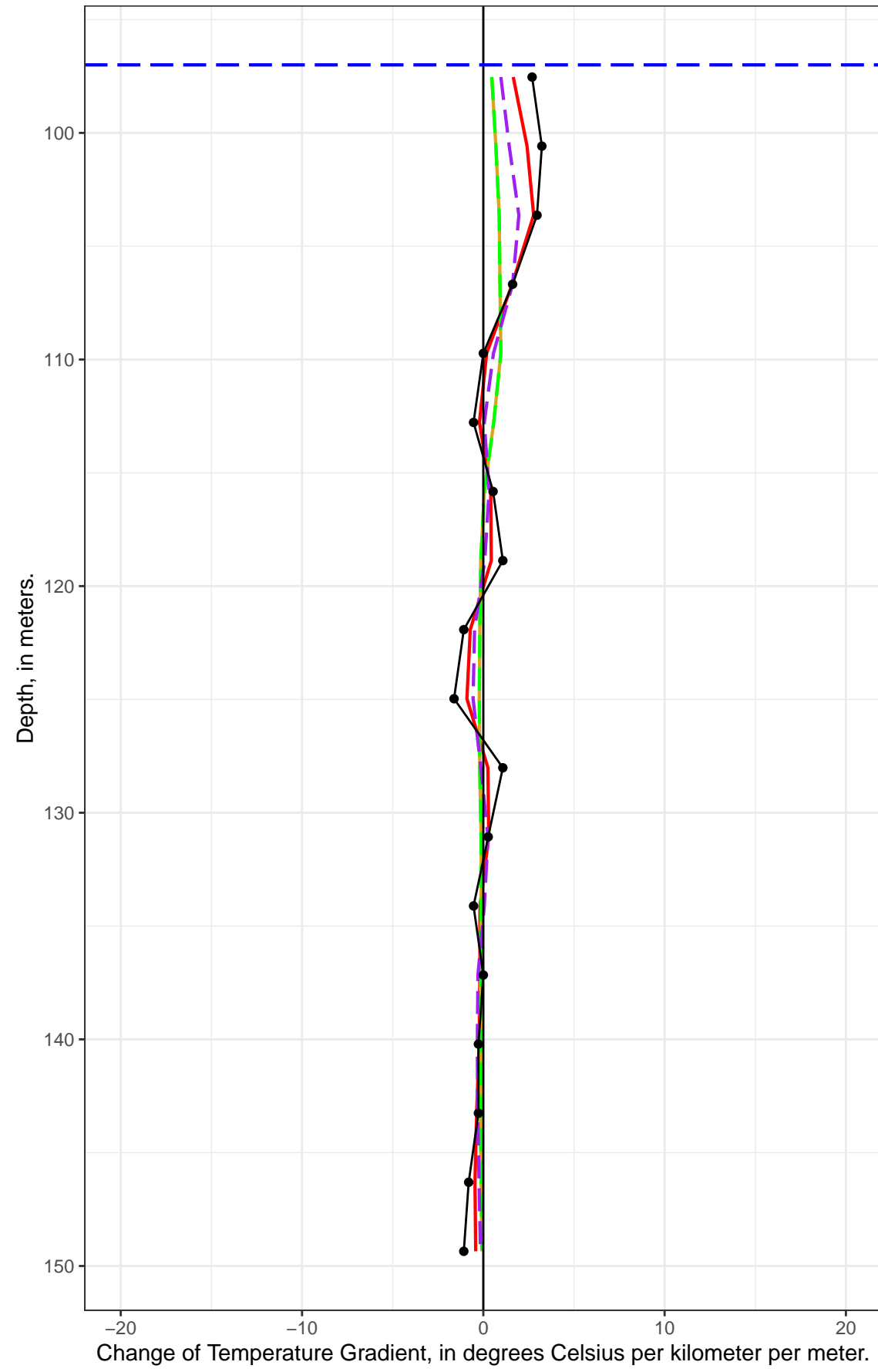
ID: 129 [H-22-76-49_KILBOURNE_HOLE] Smoothed Profile



ID: 129 [H-22-76-49_KILBOURNE_HOLE] First Derivative



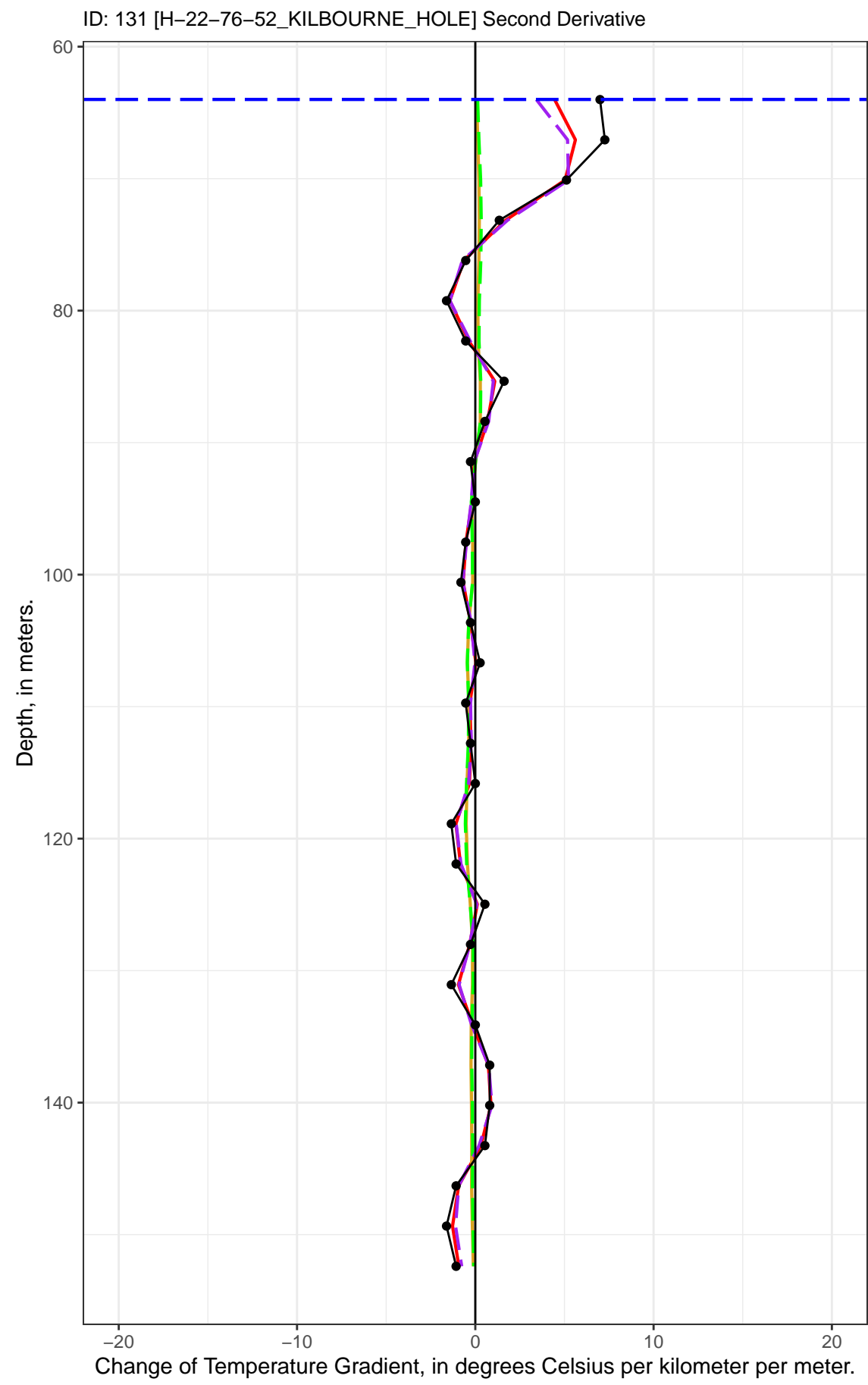
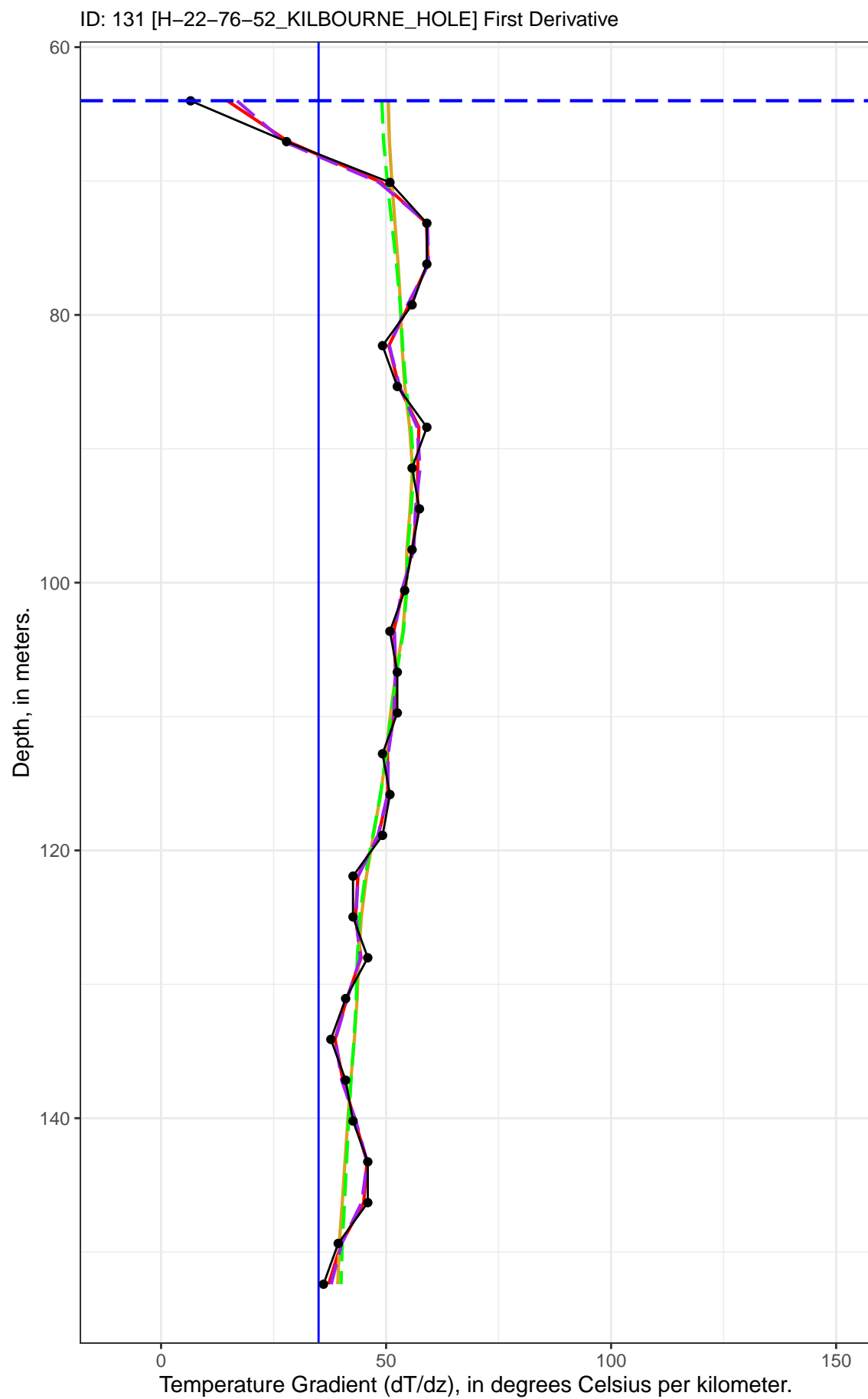
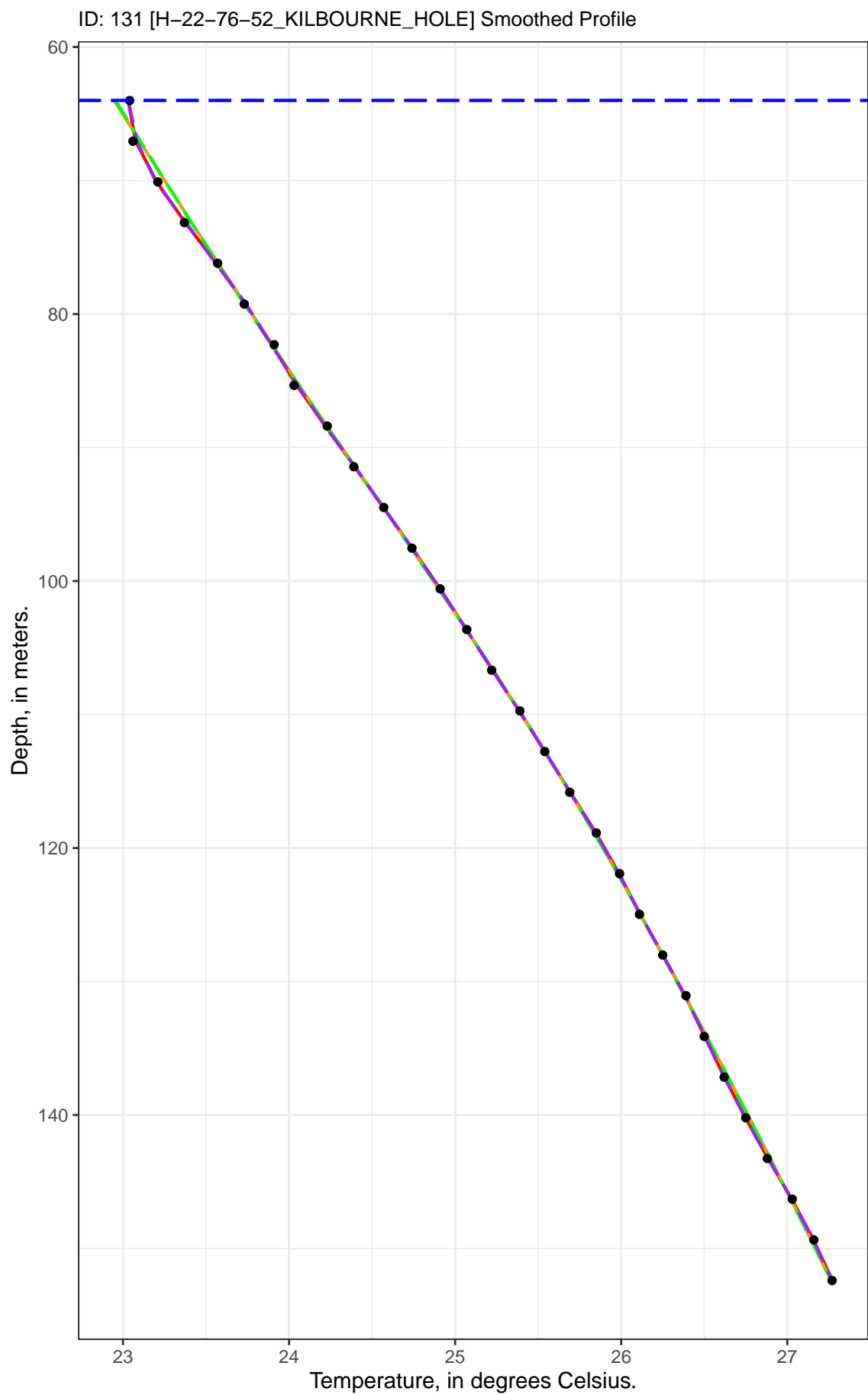
ID: 129 [H-22-76-49_KILBOURNE_HOLE] Second Derivative



• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

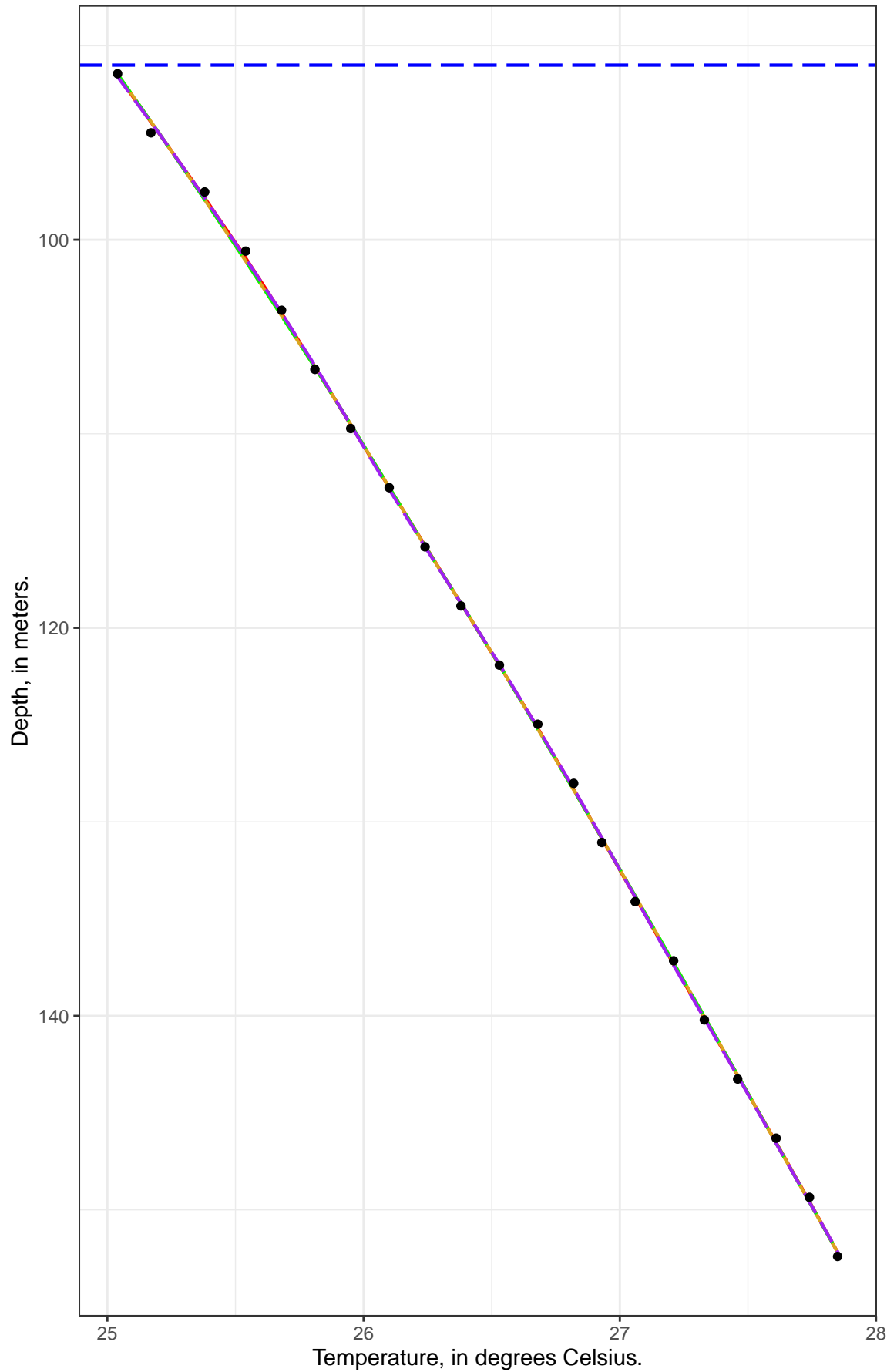


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

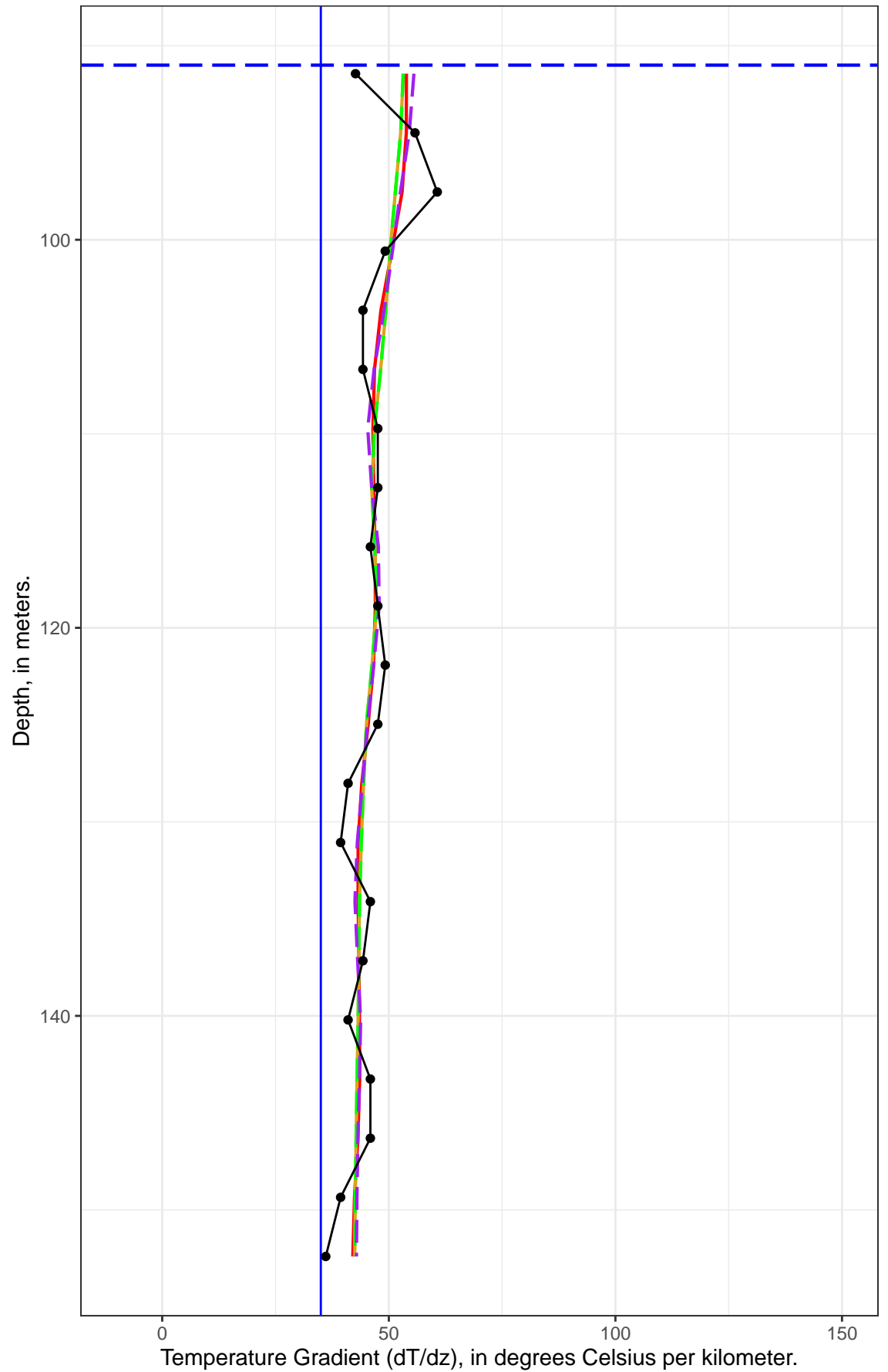
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 132 [H-22-76-53_KILBOURNE_HOLE] Smoothed Profile



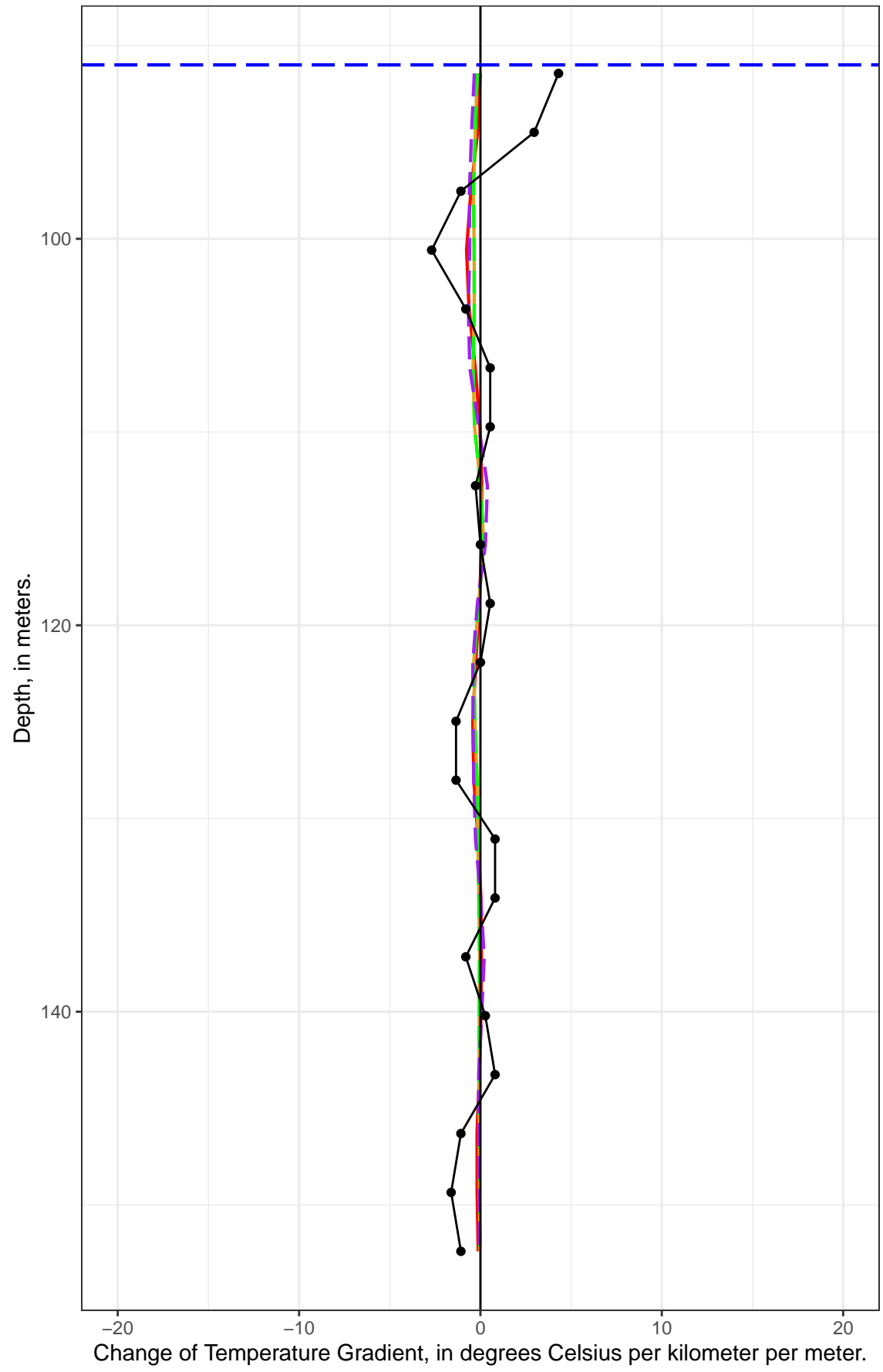
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 132 [H-22-76-53_KILBOURNE_HOLE] First Derivative



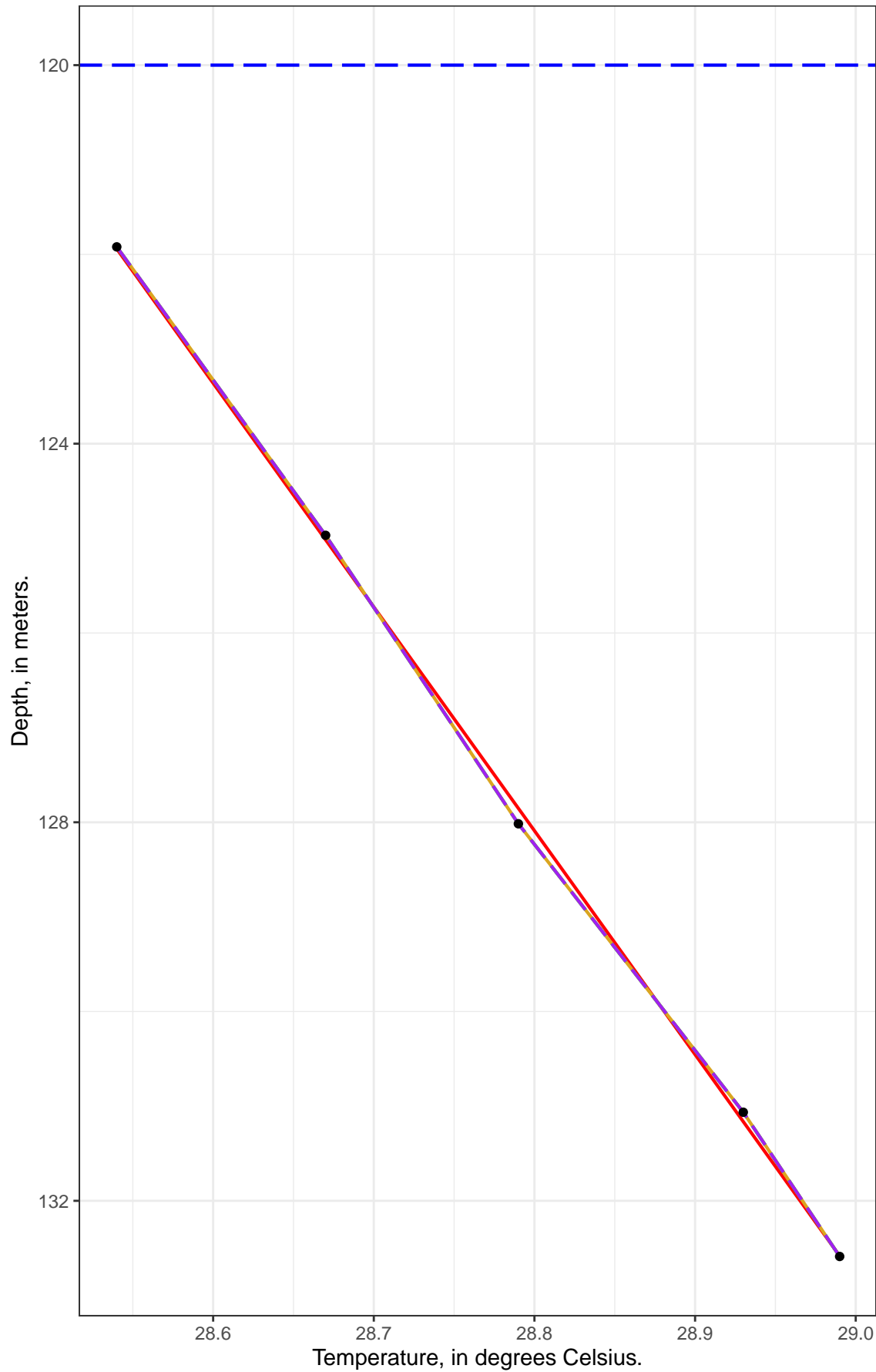
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 132 [H-22-76-53_KILBOURNE_HOLE] Second Derivative

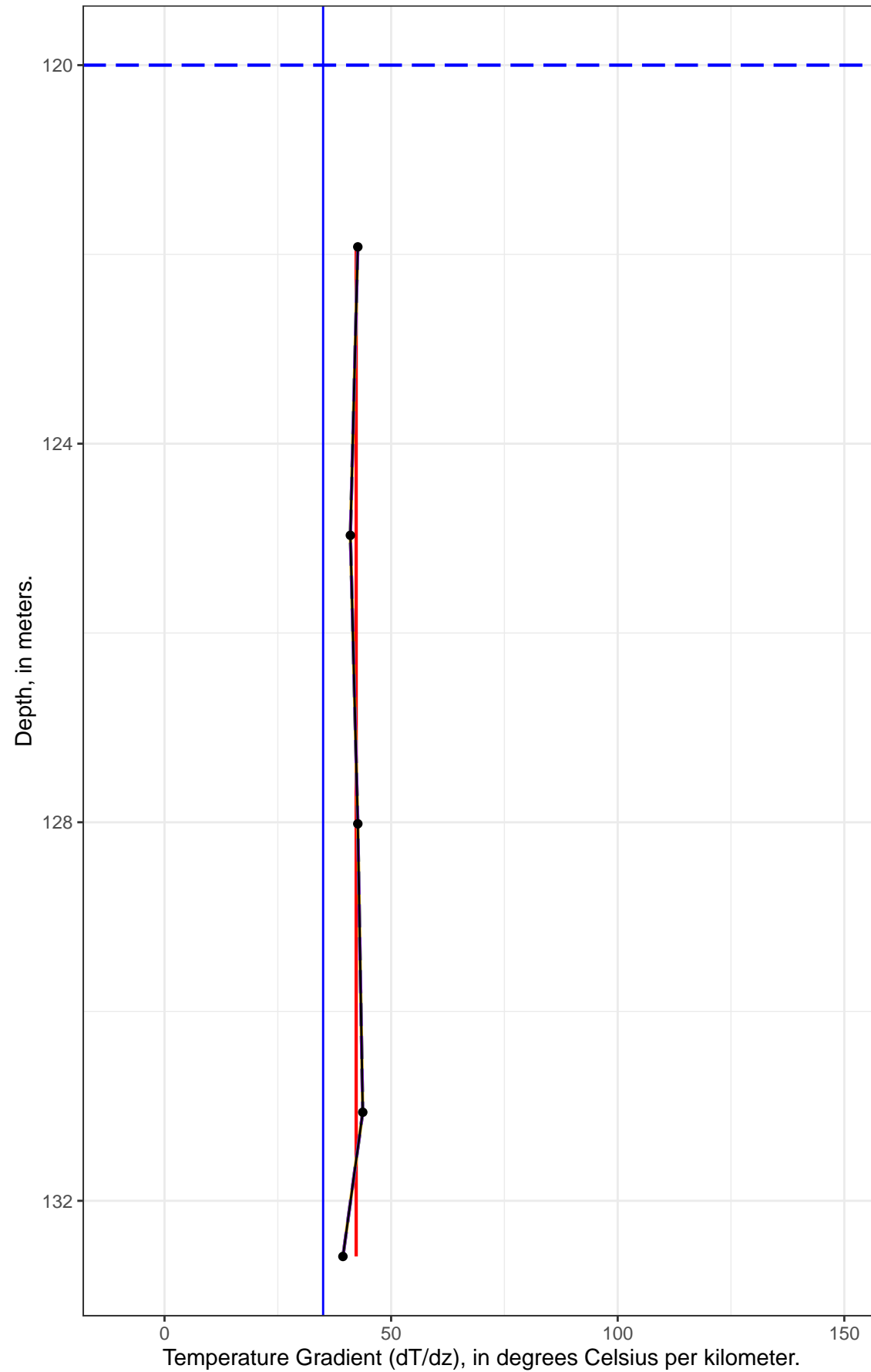


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

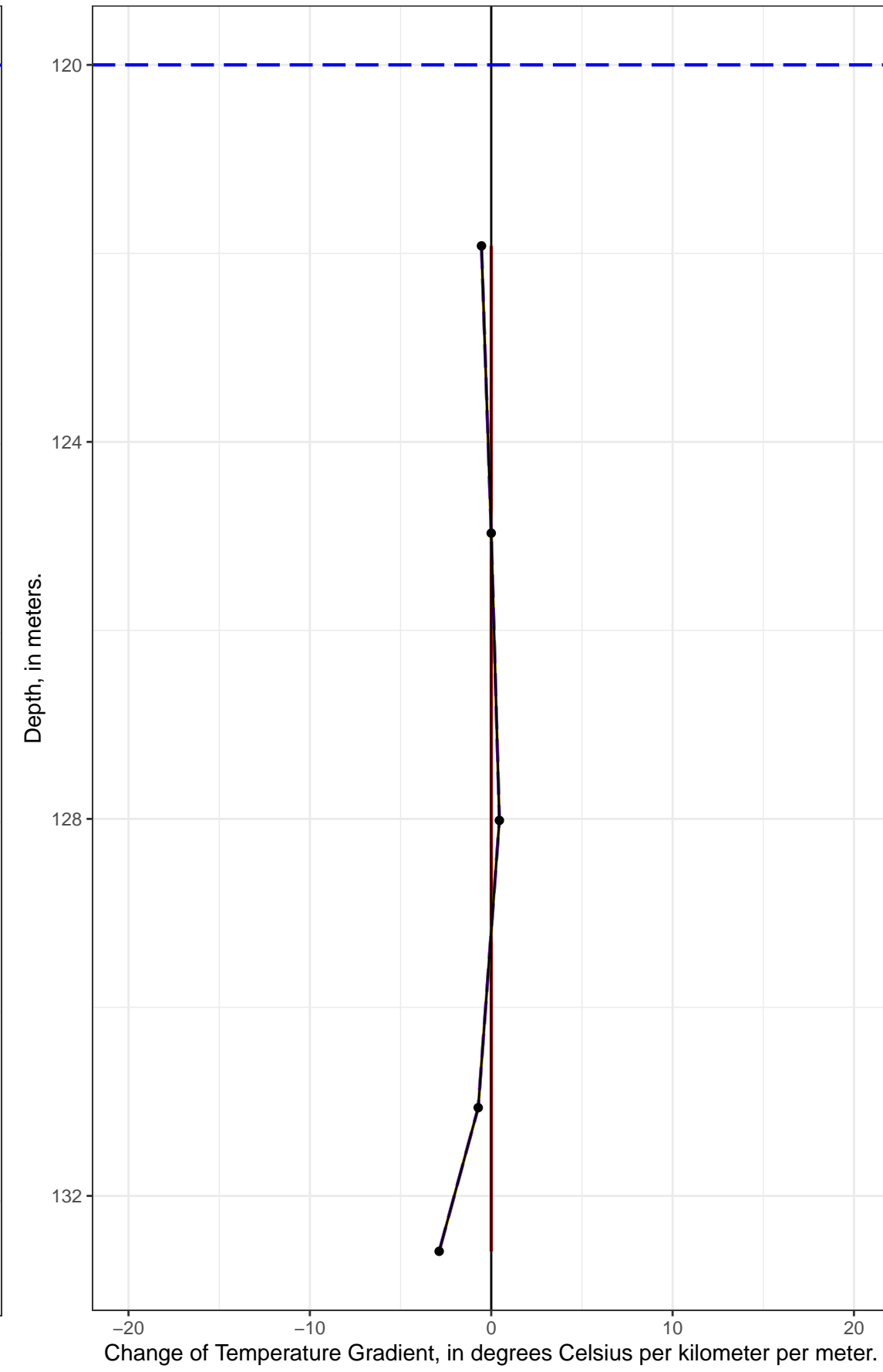
ID: 133 [H-22-76-54_KILBOURNE_HOLE] Smoothed Profile



ID: 133 [H-22-76-54_KILBOURNE_HOLE] First Derivative



ID: 133 [H-22-76-54_KILBOURNE_HOLE] Second Derivative

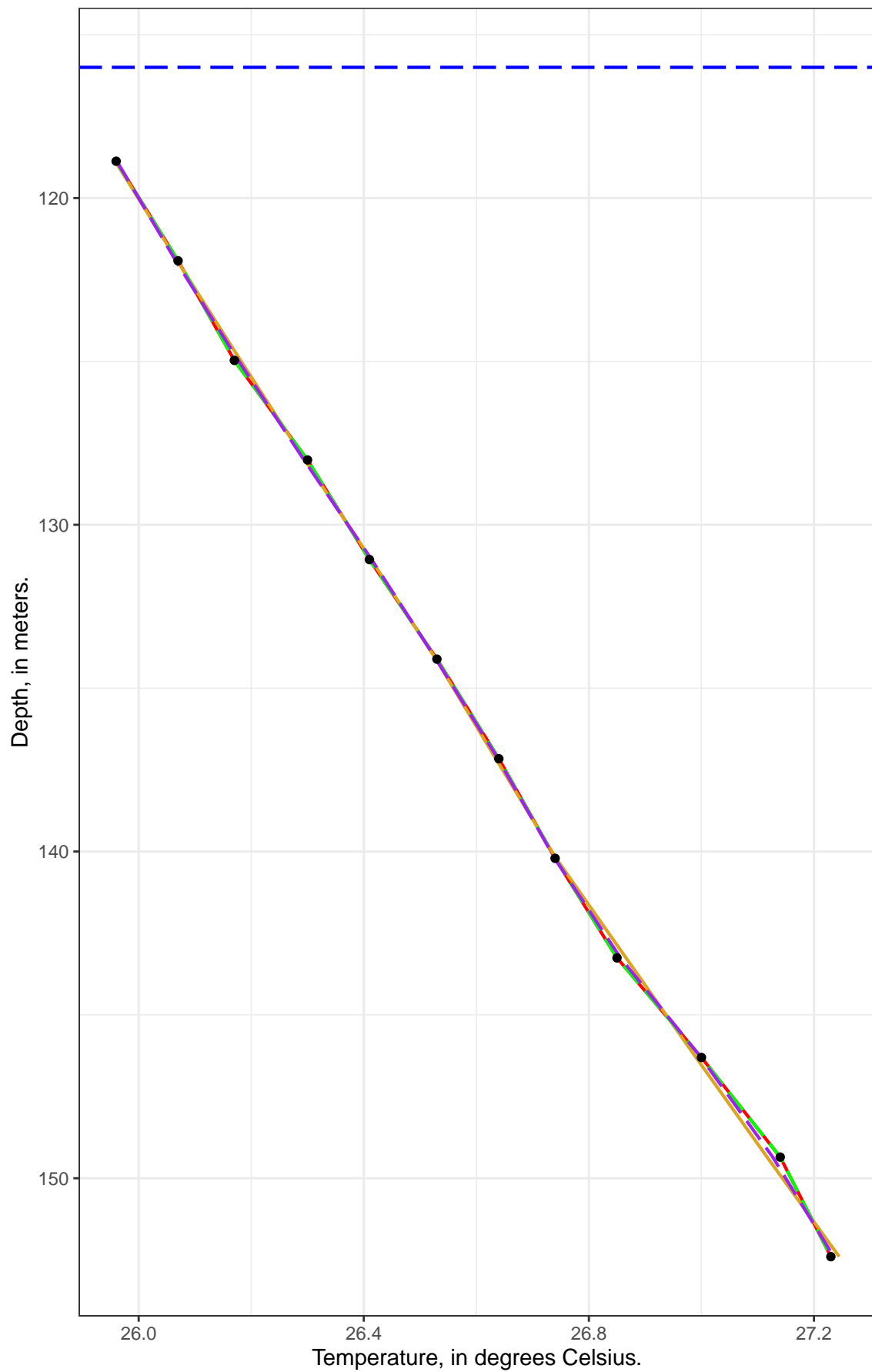


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

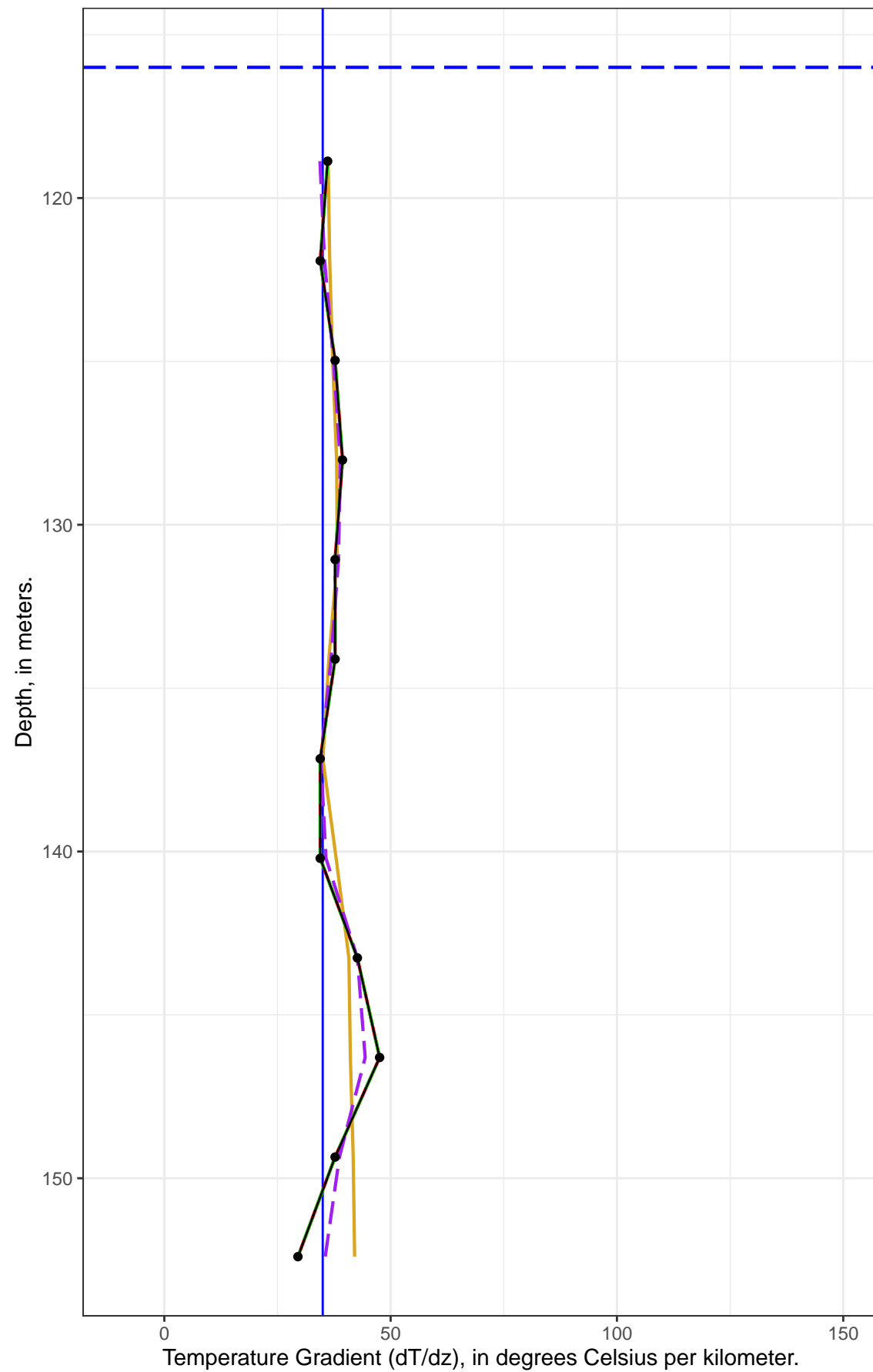
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

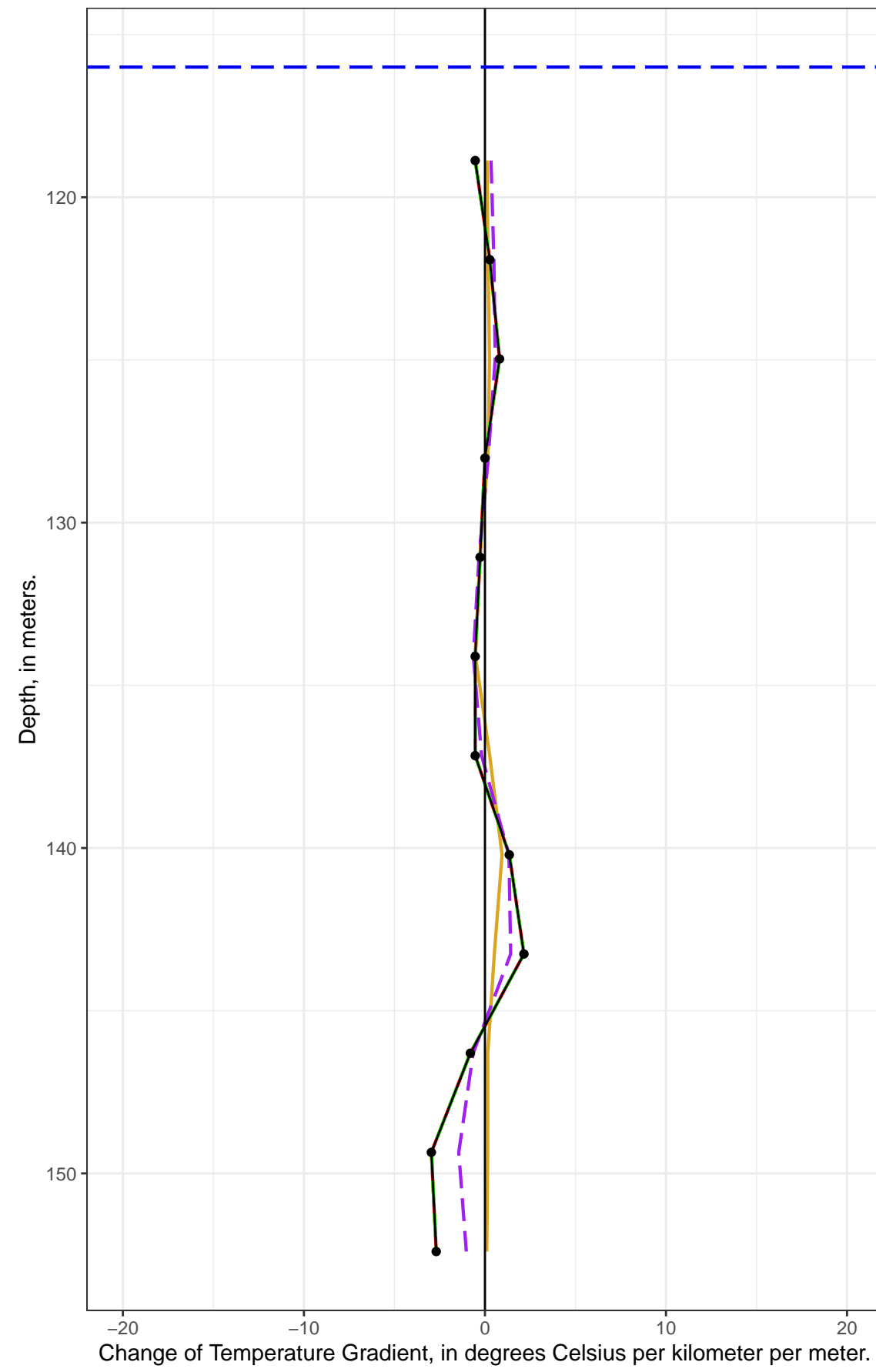
ID: 136 [H-22-76-8_KILBOURNE_HOLE] Smoothed Profile



ID: 136 [H-22-76-8_KILBOURNE_HOLE] First Derivative



ID: 136 [H-22-76-8_KILBOURNE_HOLE] Second Derivative

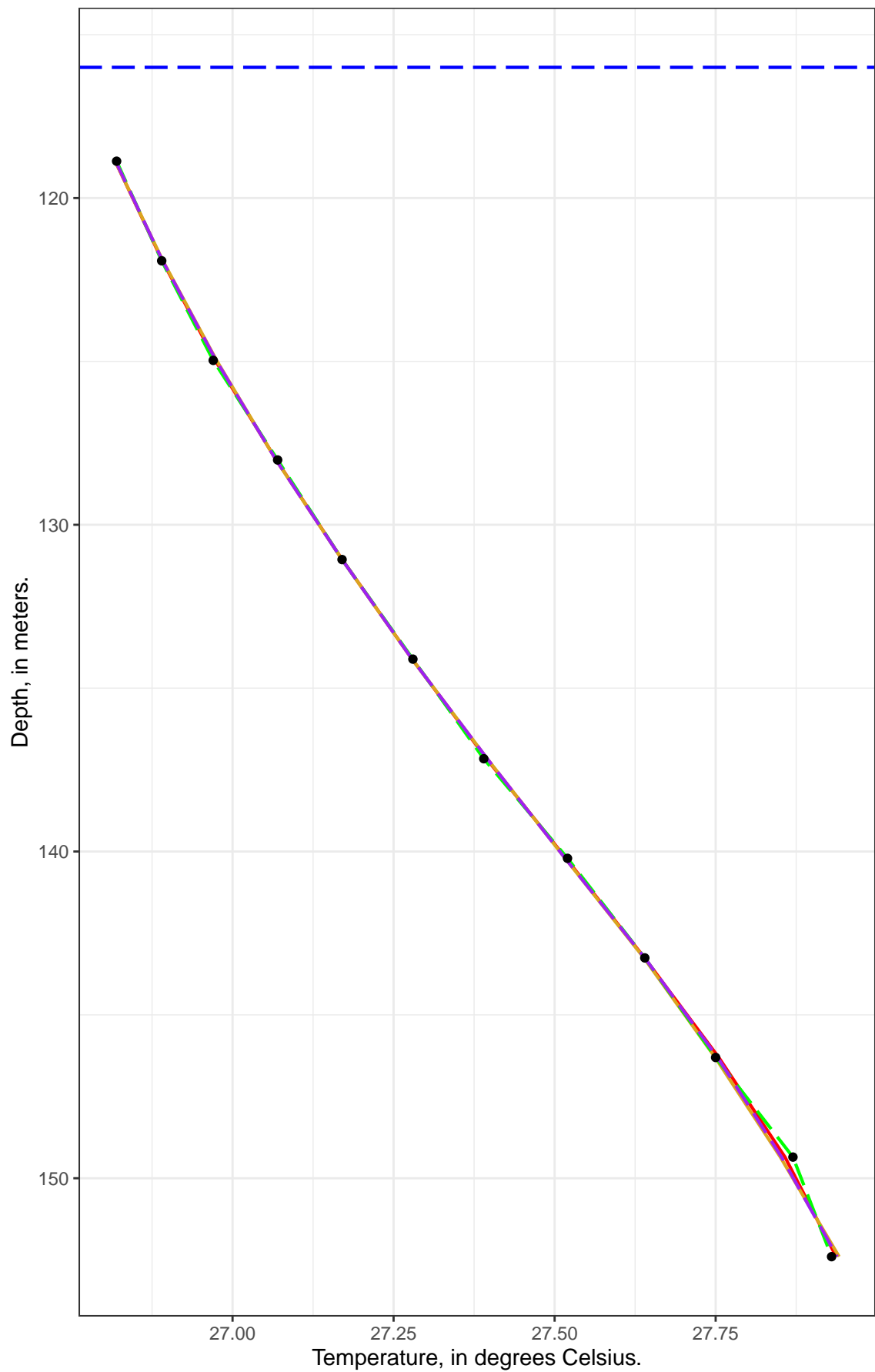


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

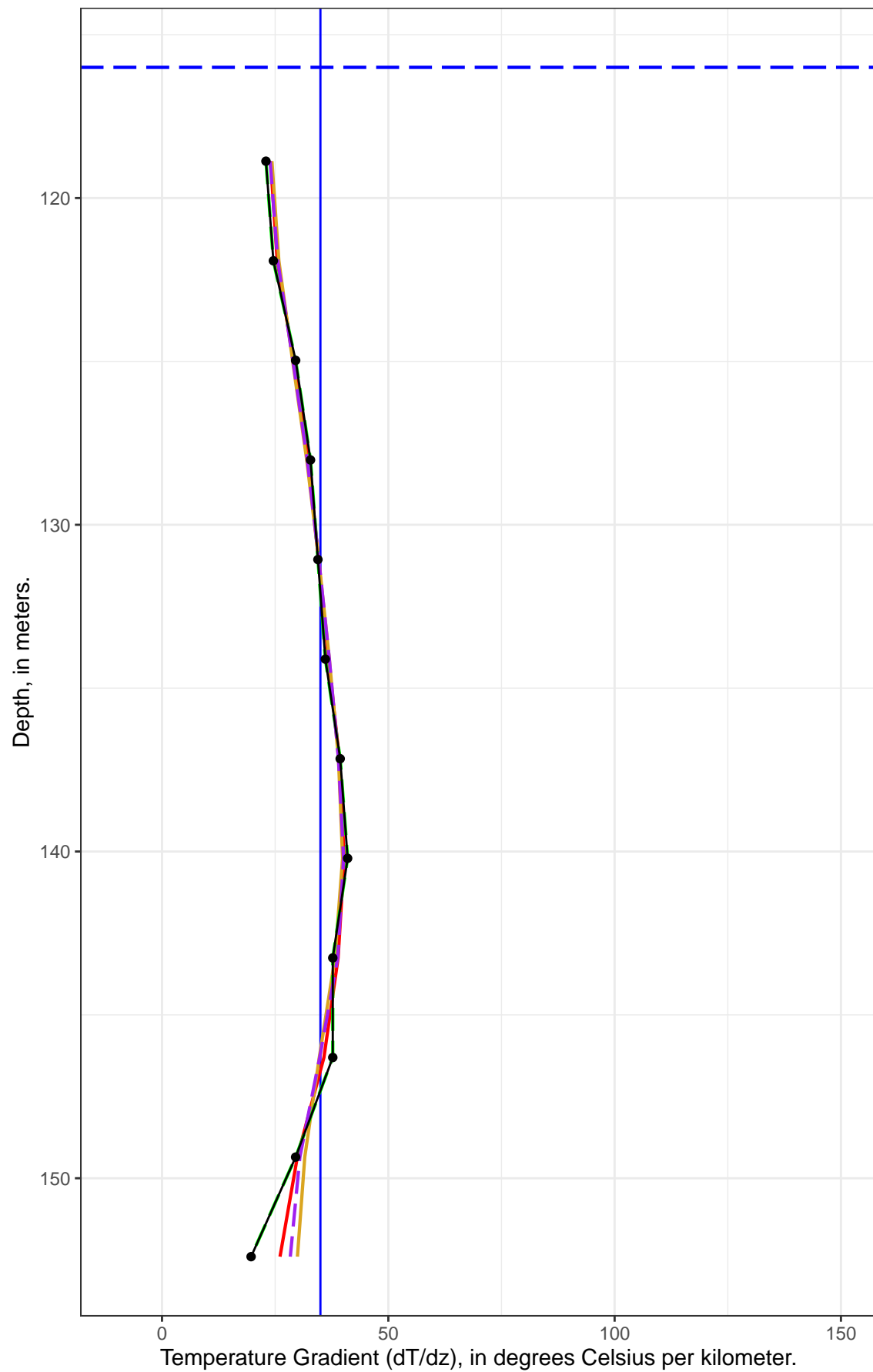
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

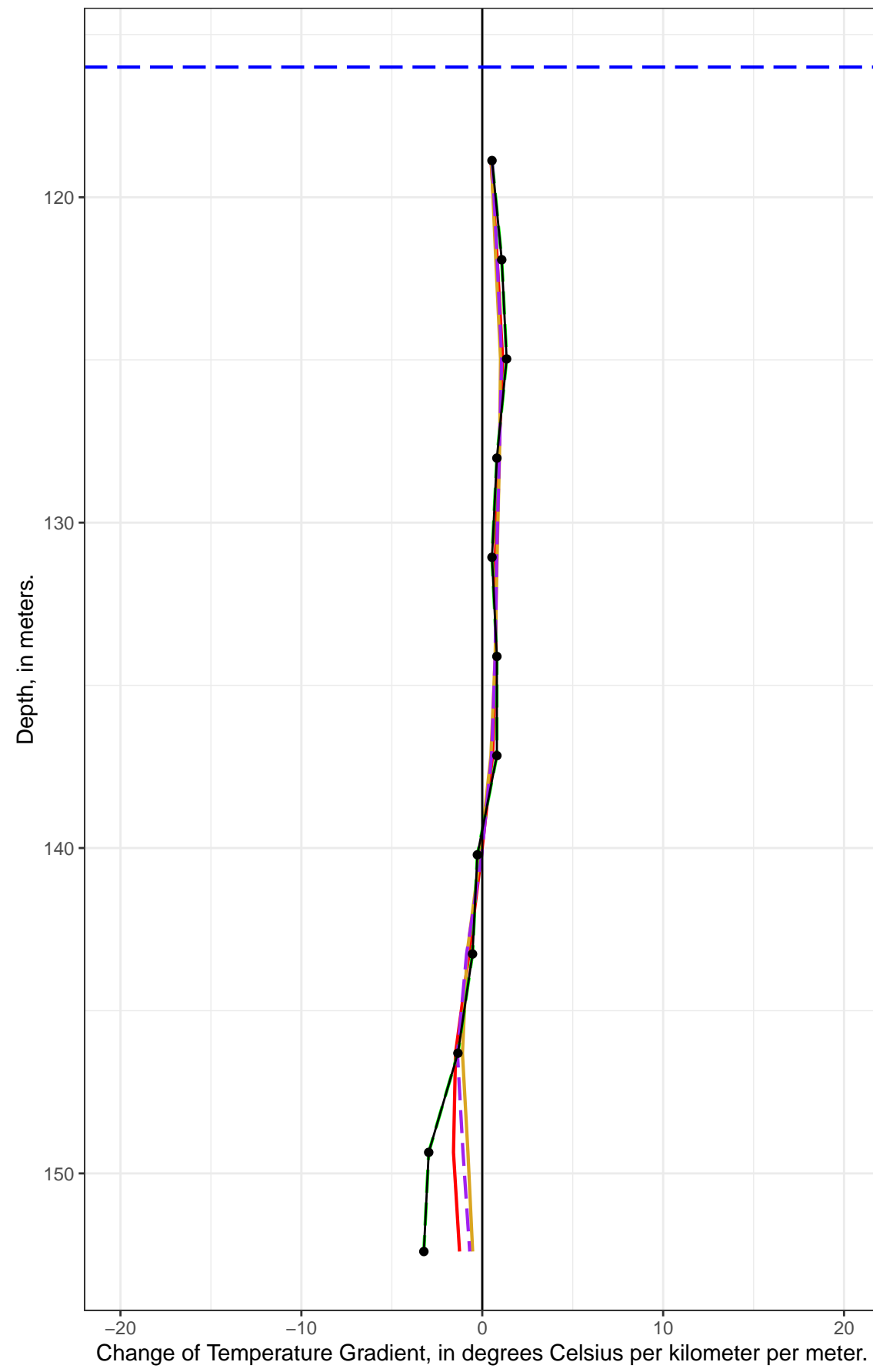
ID: 137 [H-22-76-9_KILBOURNE_HOLE] Smoothed Profile



ID: 137 [H-22-76-9_KILBOURNE_HOLE] First Derivative



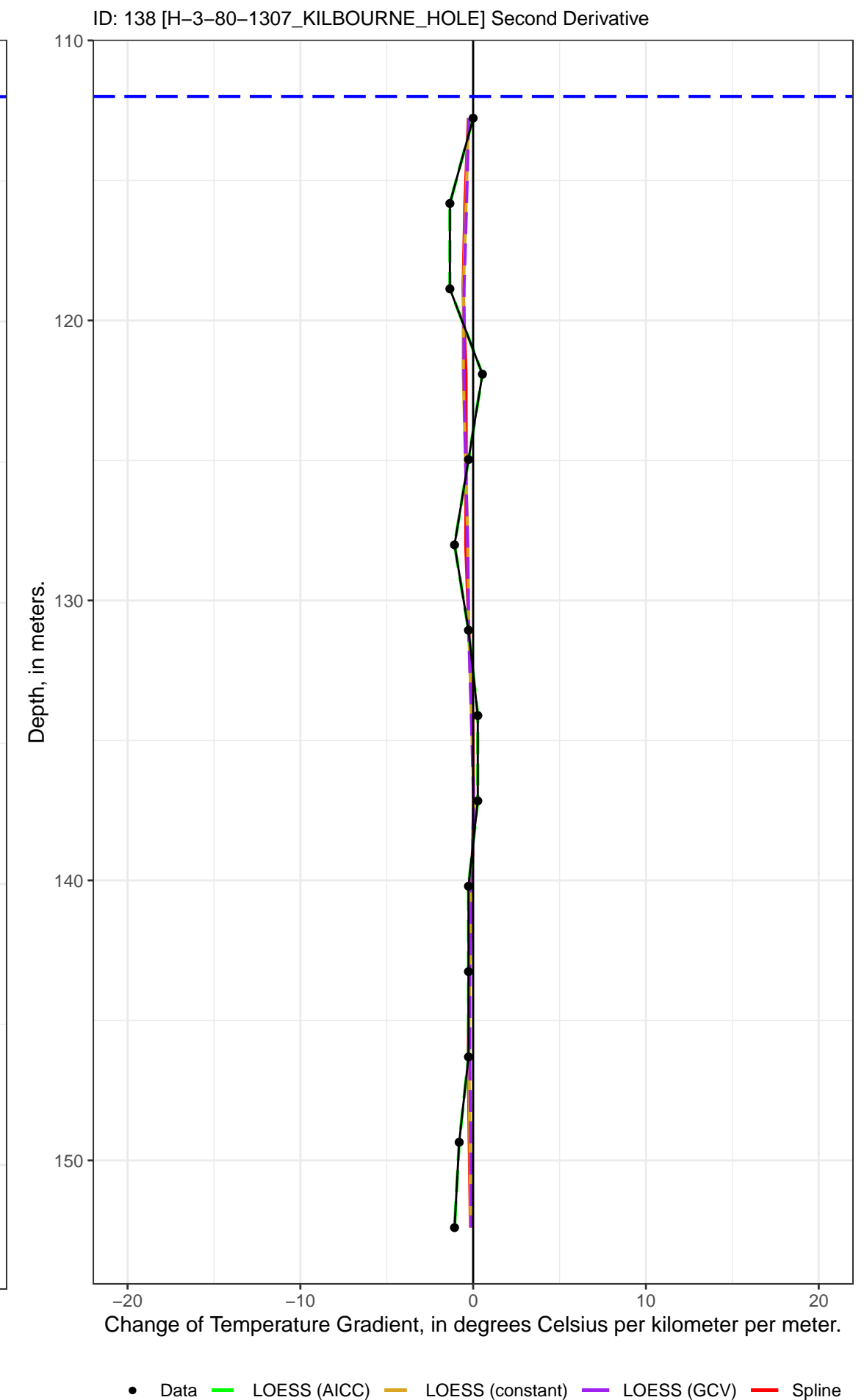
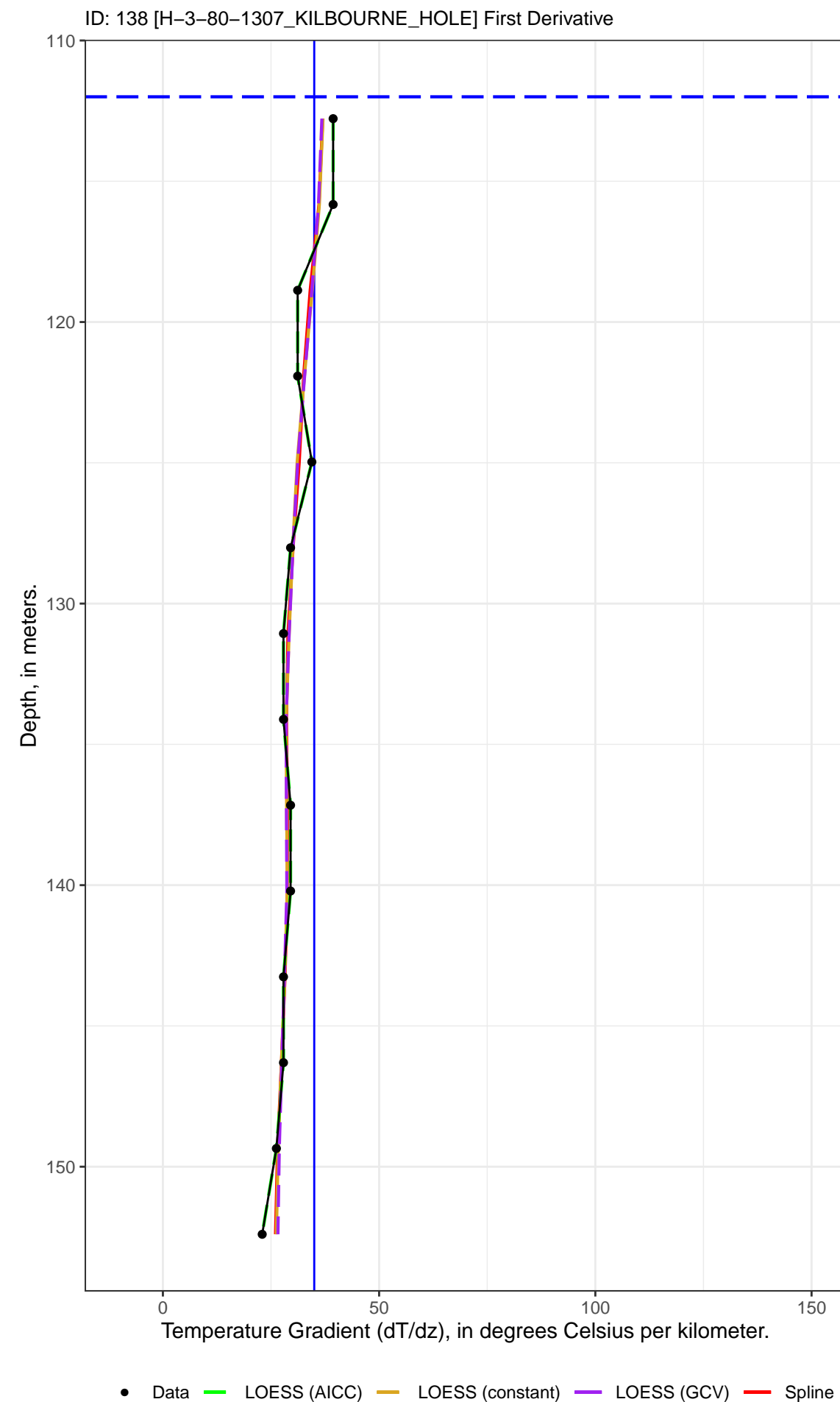
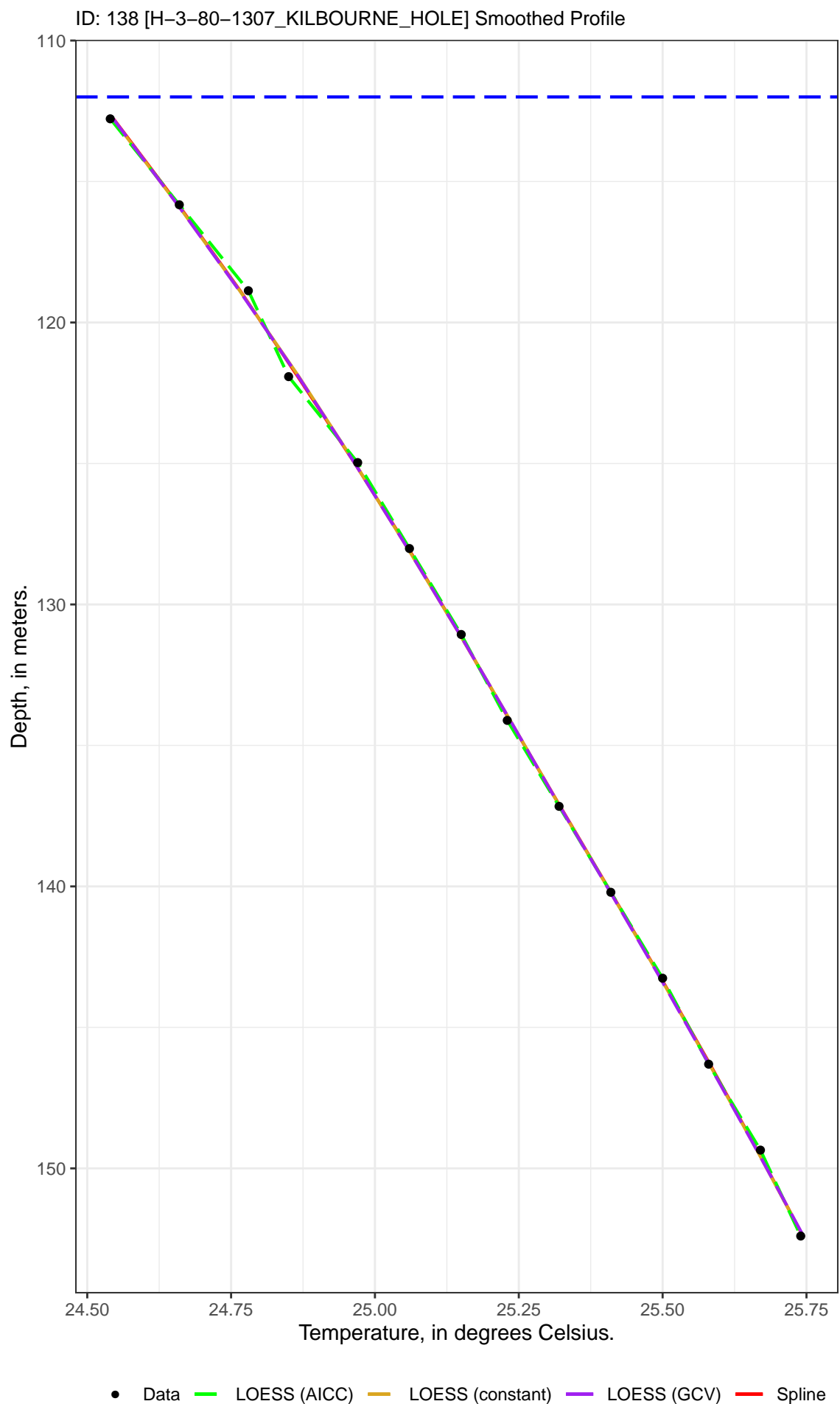
ID: 137 [H-22-76-9_KILBOURNE_HOLE] Second Derivative



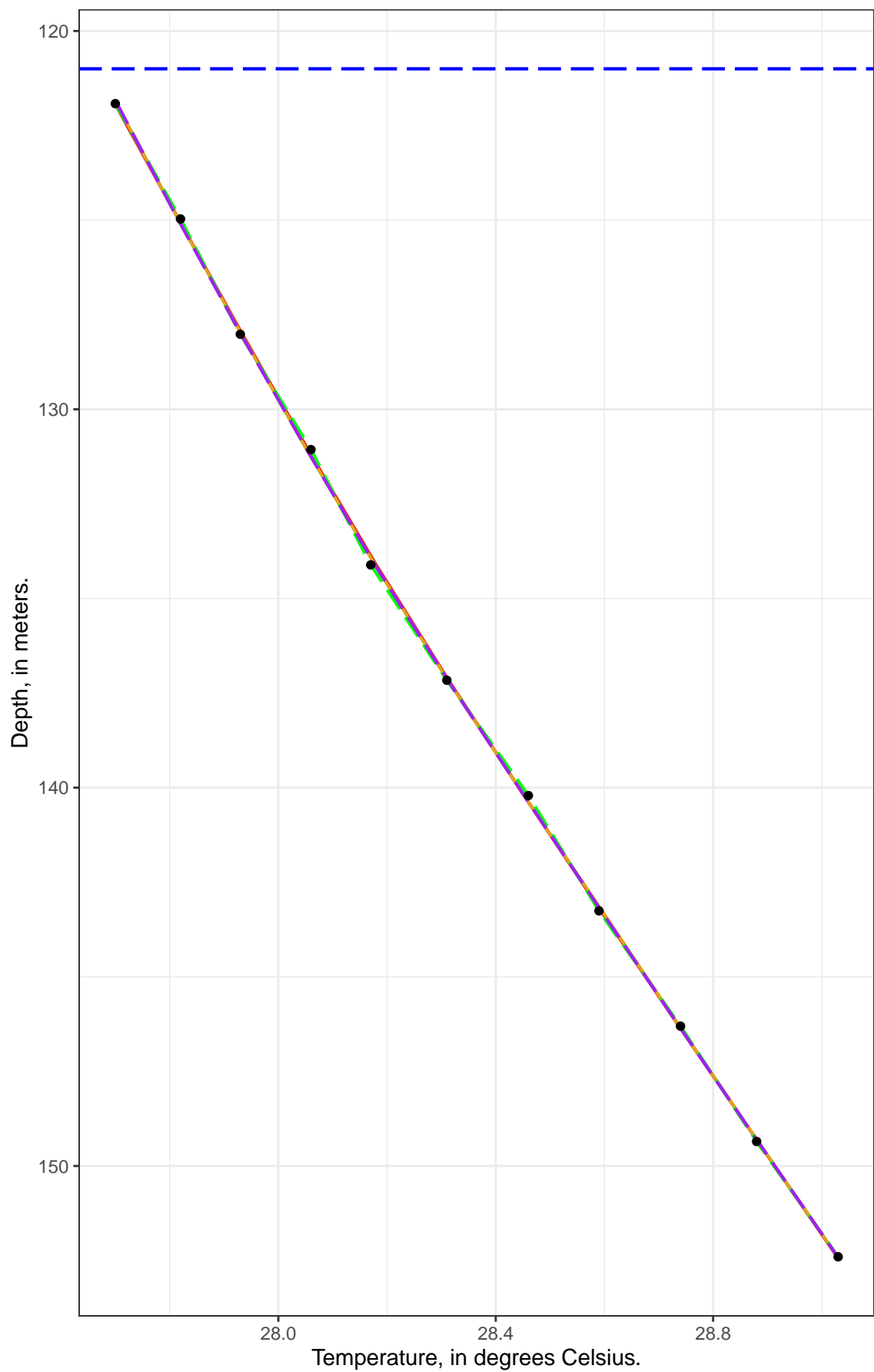
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

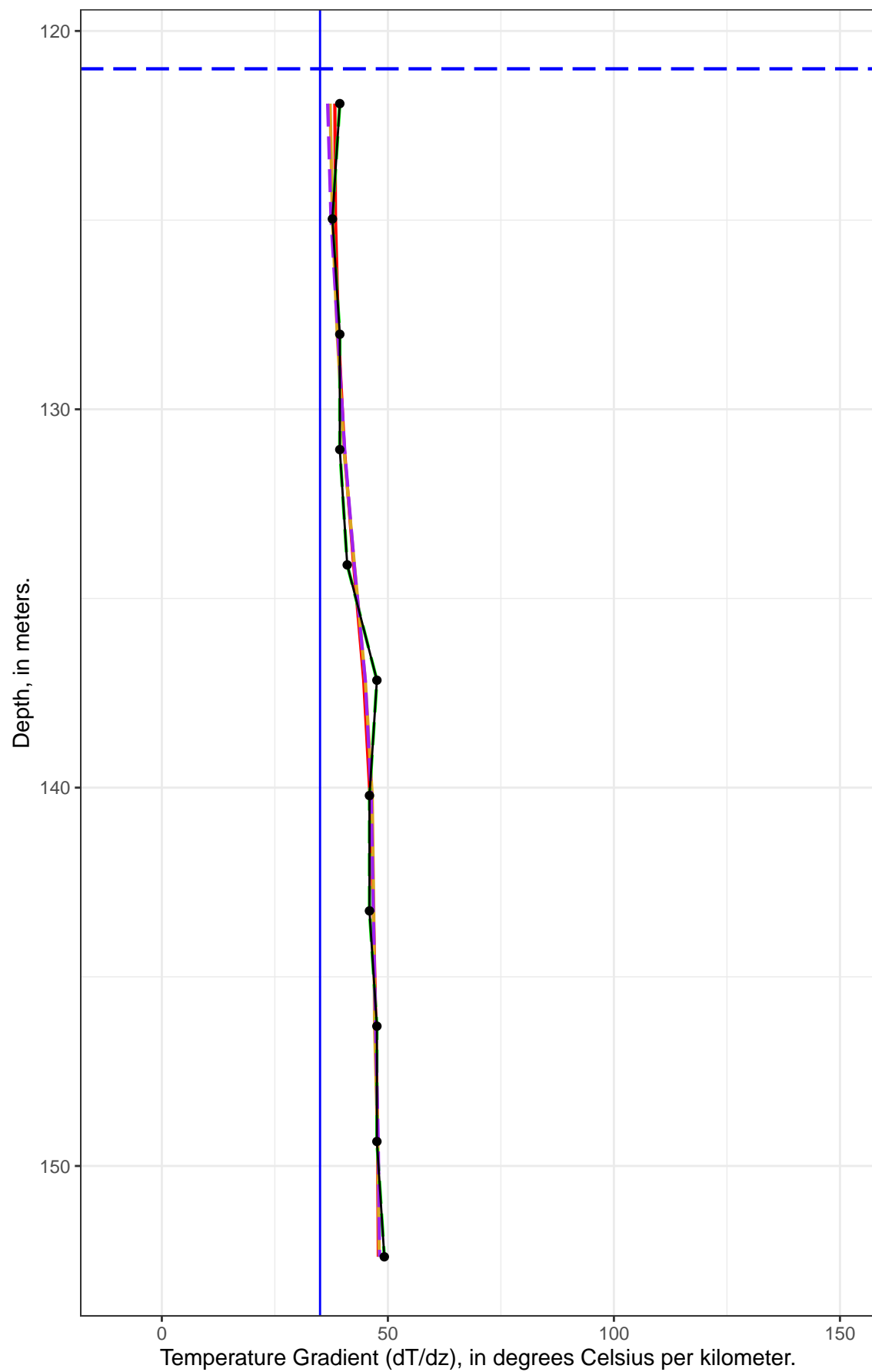
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline



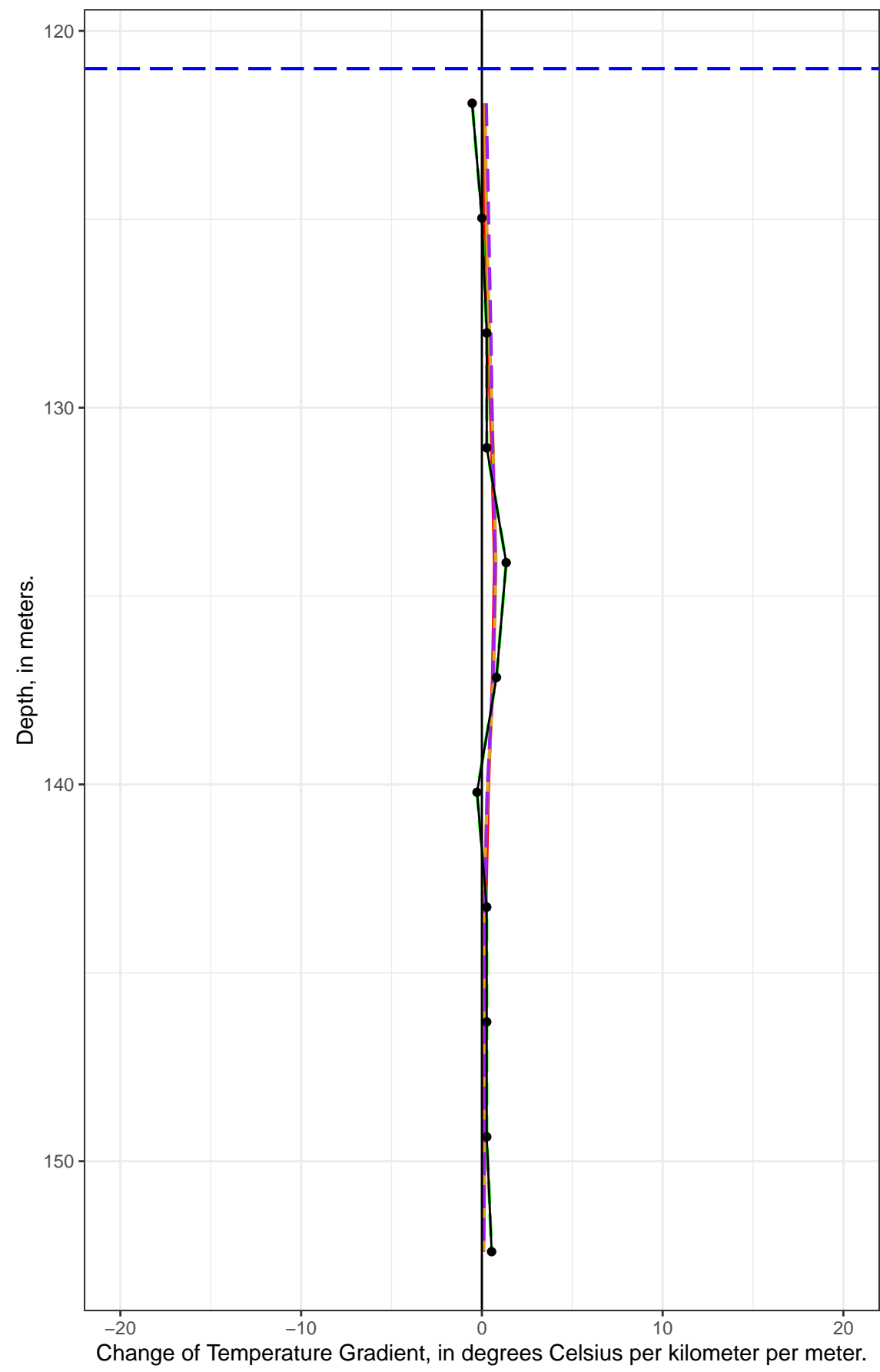
ID: 139 [H-3-80-1308_KILBOURNE_HOLE] Smoothed Profile



ID: 139 [H-3-80-1308_KILBOURNE_HOLE] First Derivative



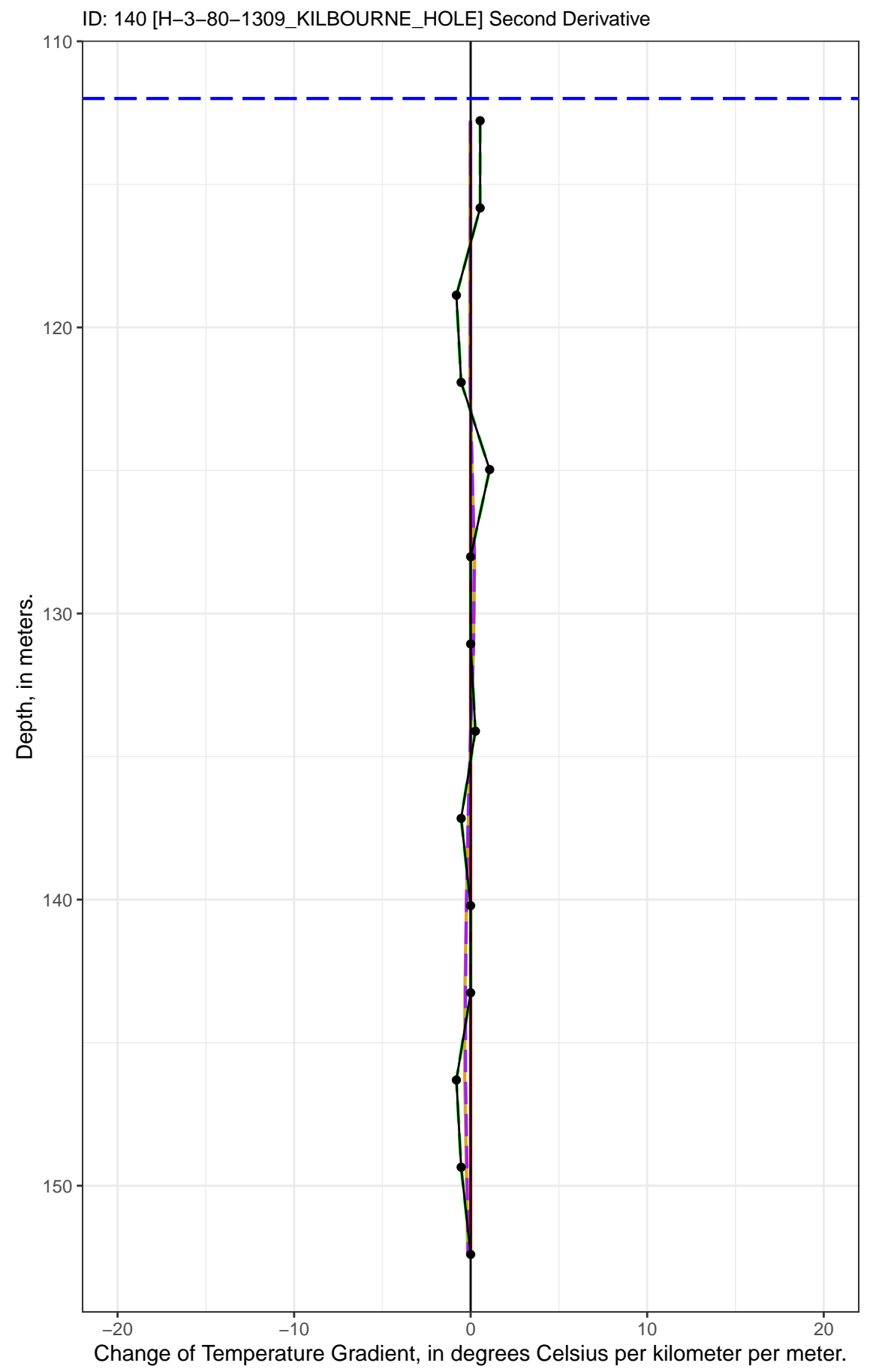
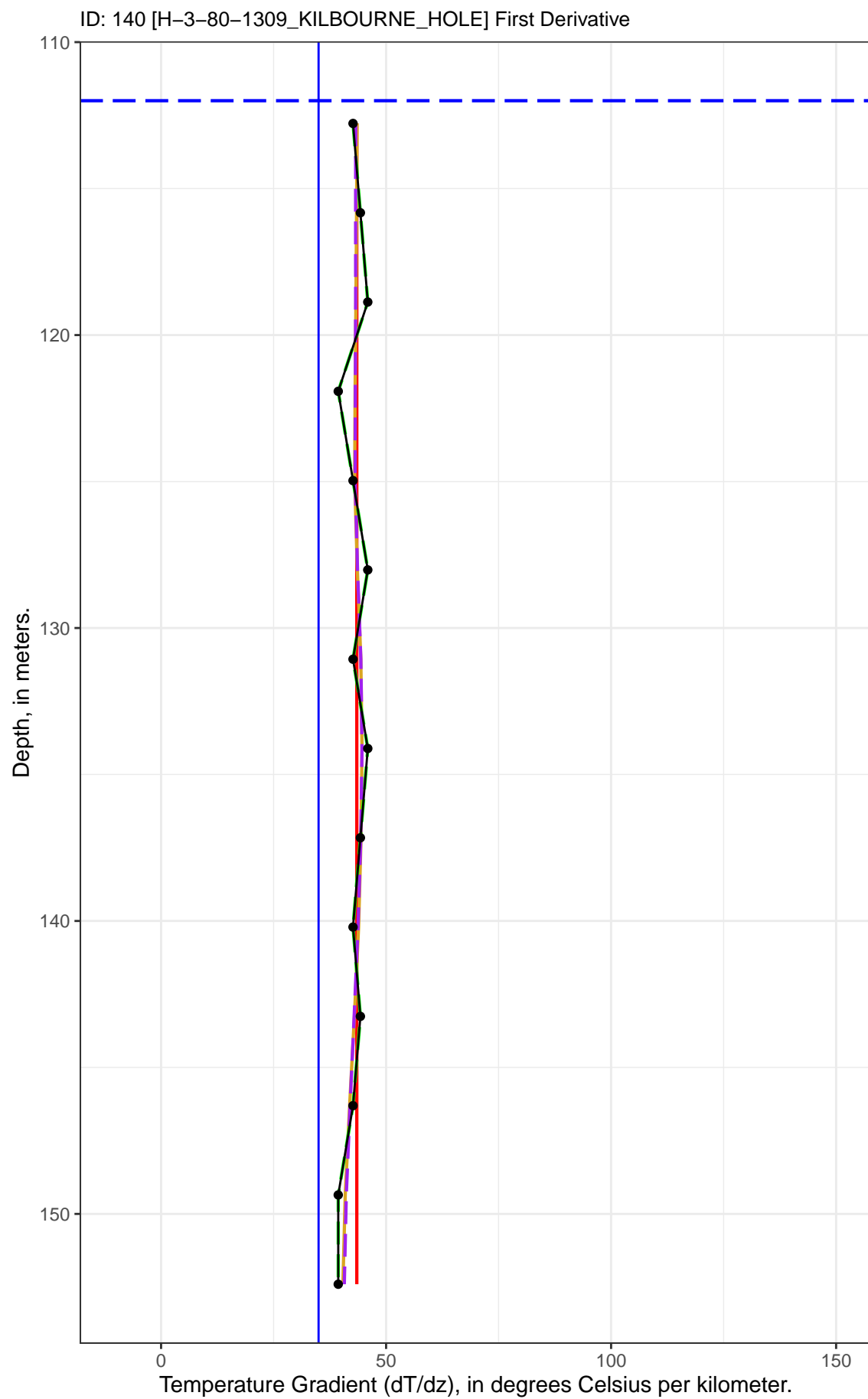
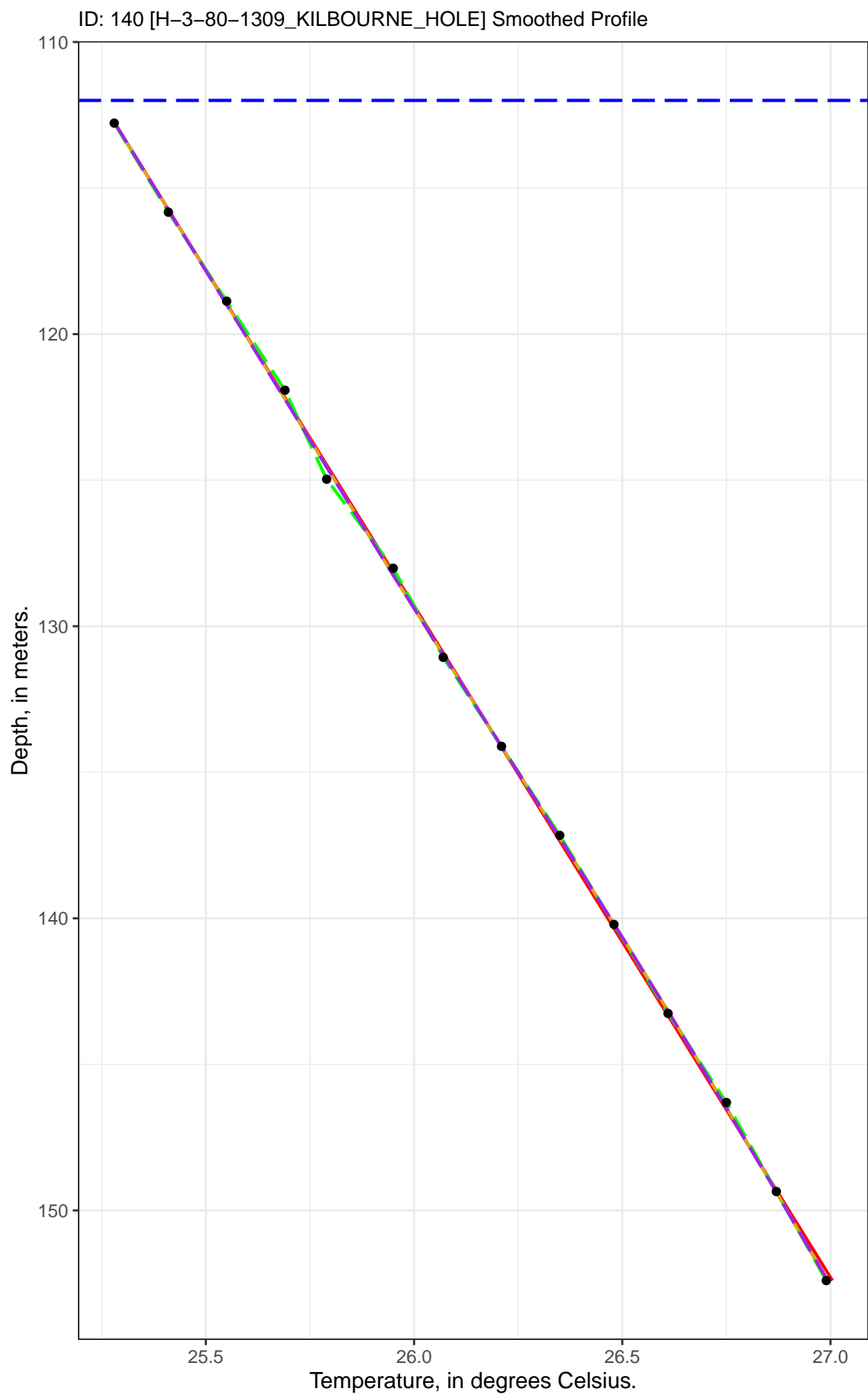
ID: 139 [H-3-80-1308_KILBOURNE_HOLE] Second Derivative



• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

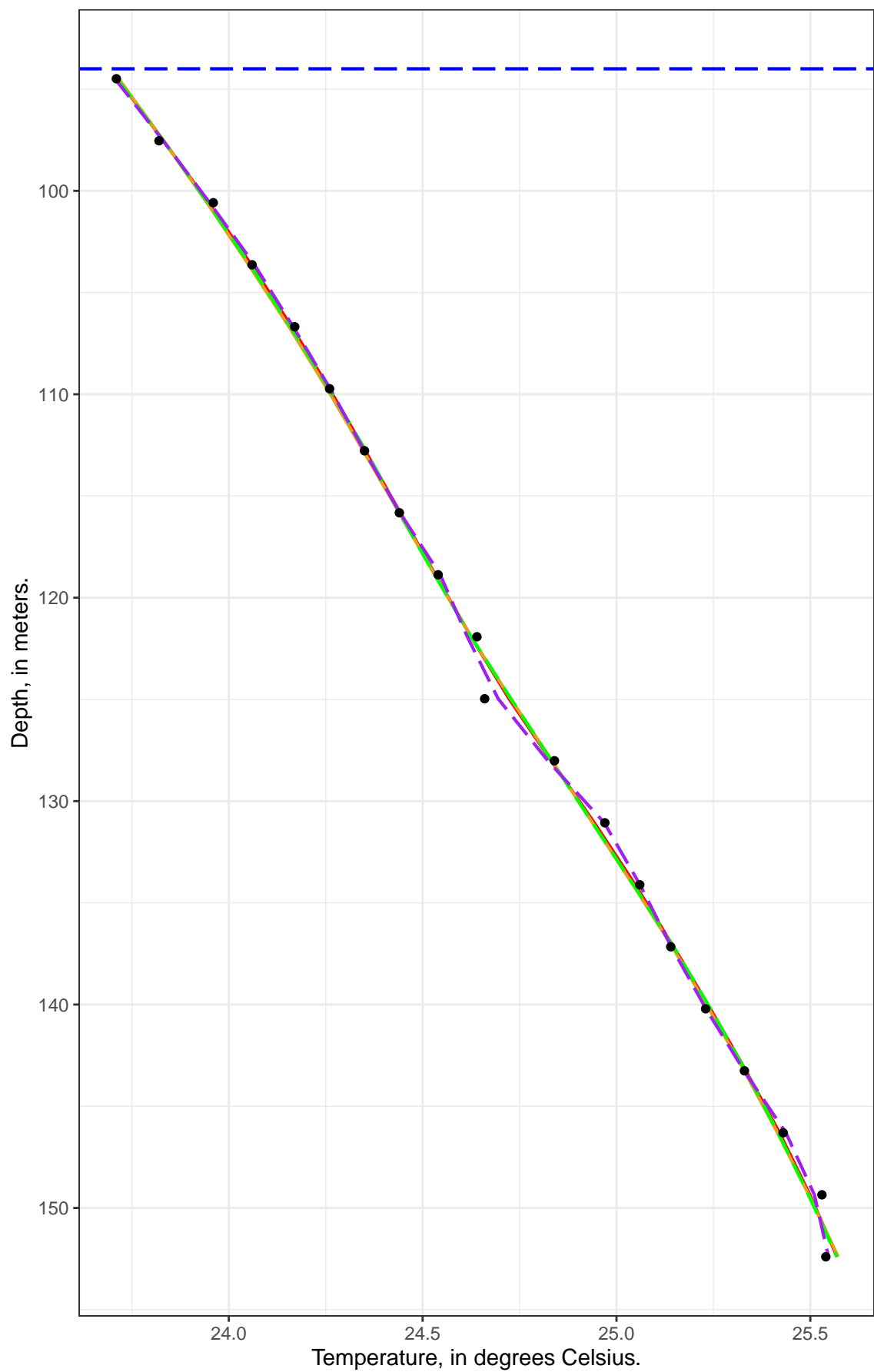


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

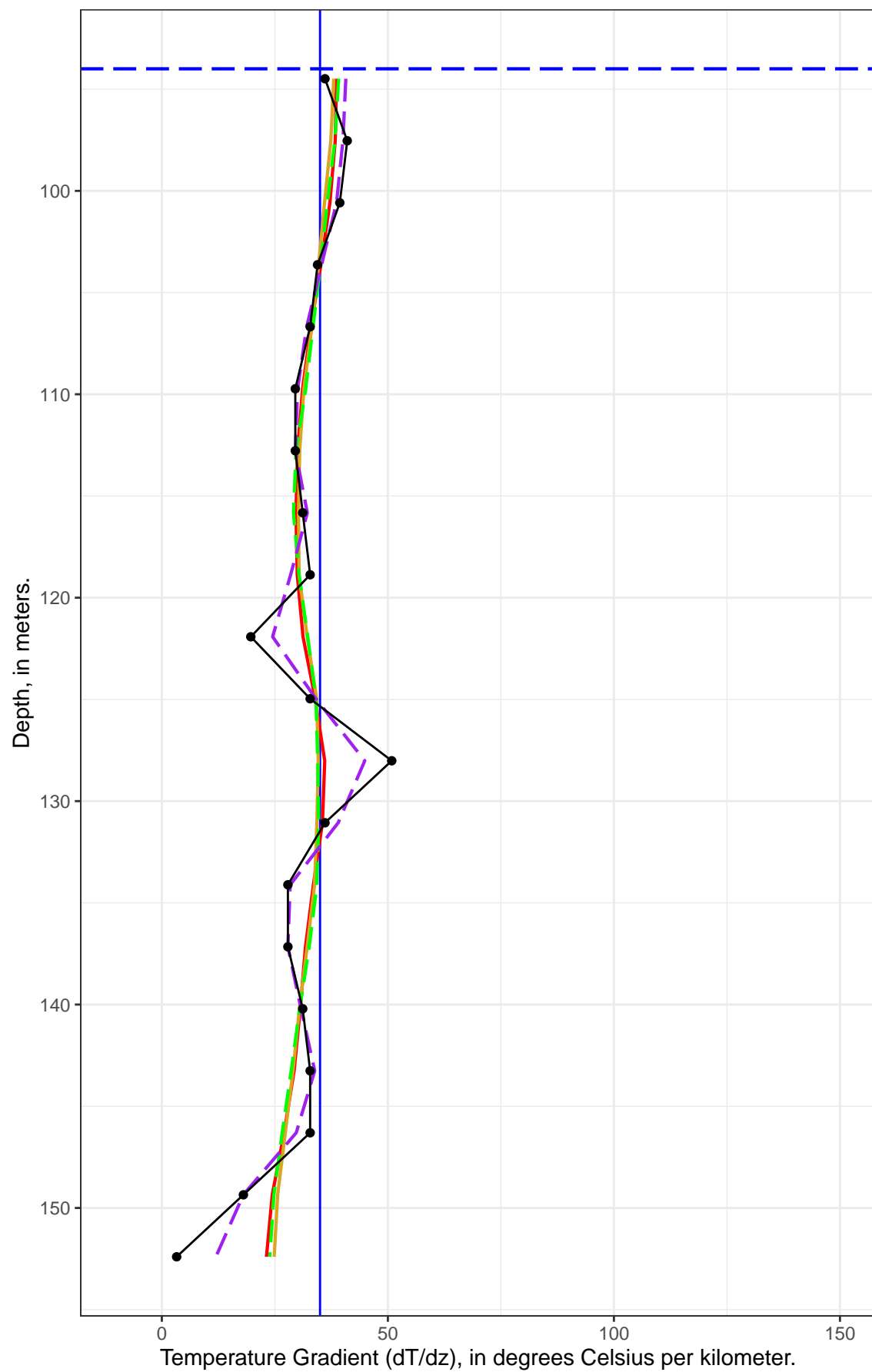
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

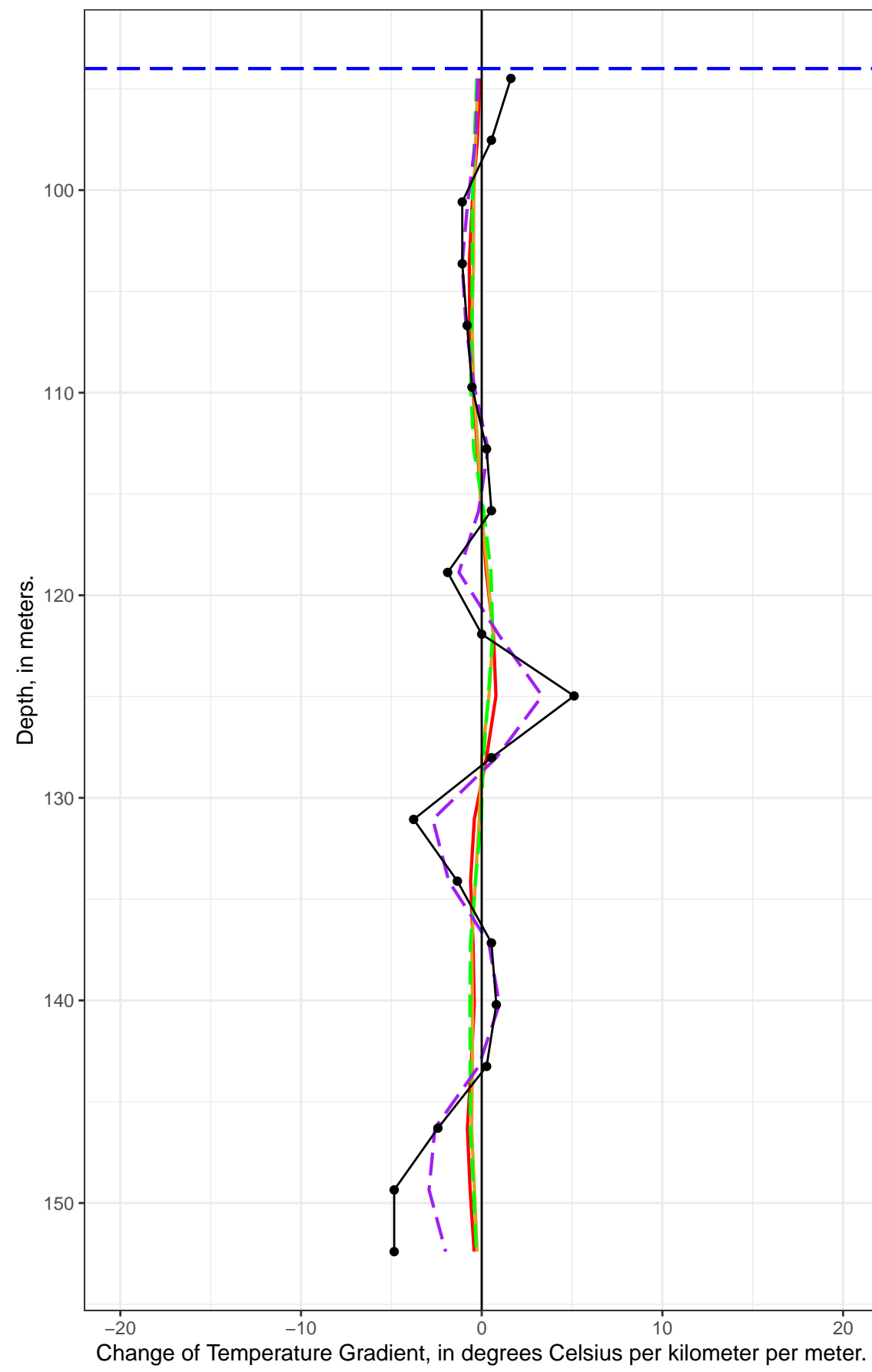
ID: 141 [H-3-80-1314_KILBOURNE_HOLE] Smoothed Profile



ID: 141 [H-3-80-1314_KILBOURNE_HOLE] First Derivative



ID: 141 [H-3-80-1314_KILBOURNE_HOLE] Second Derivative

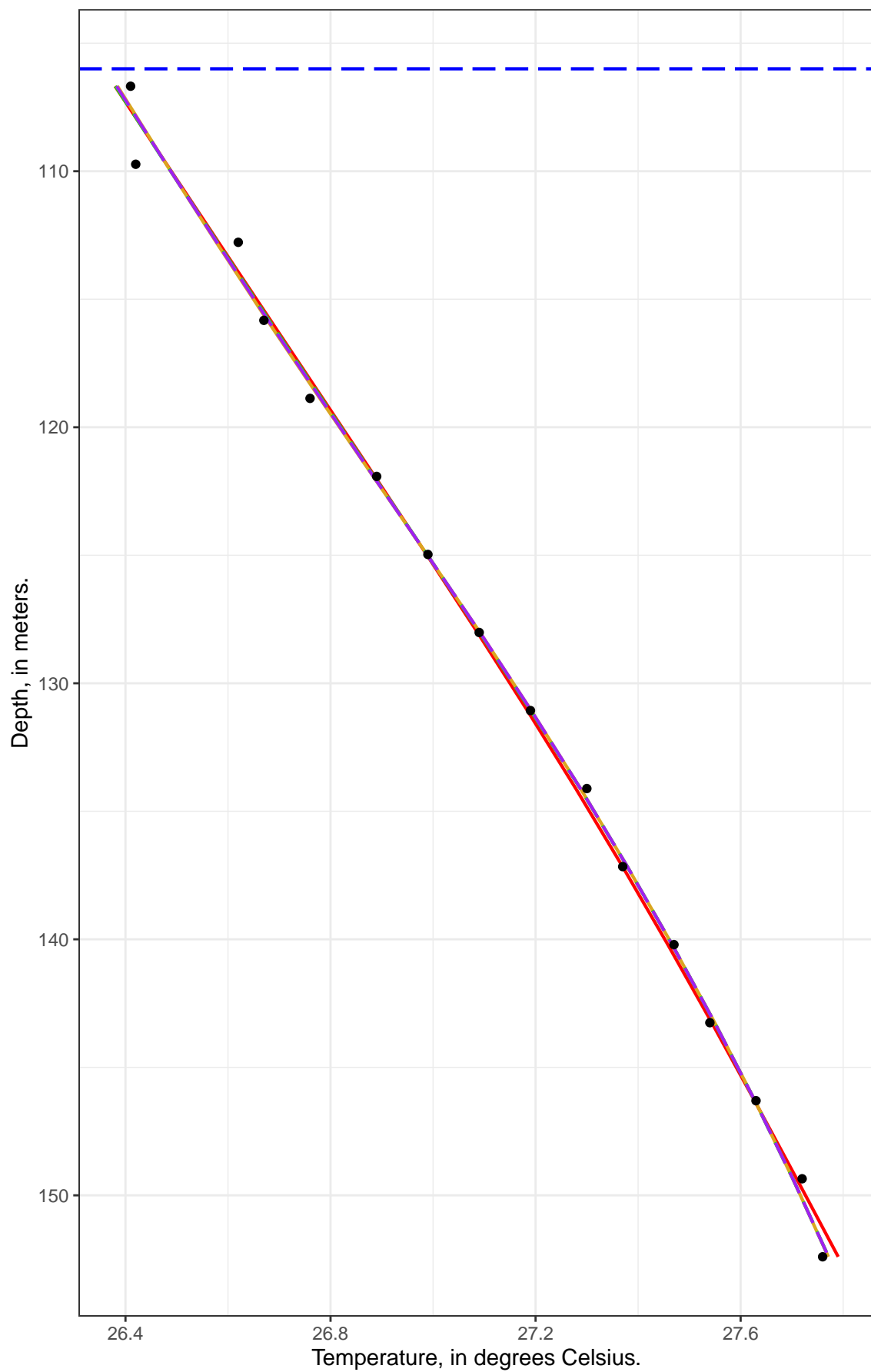


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

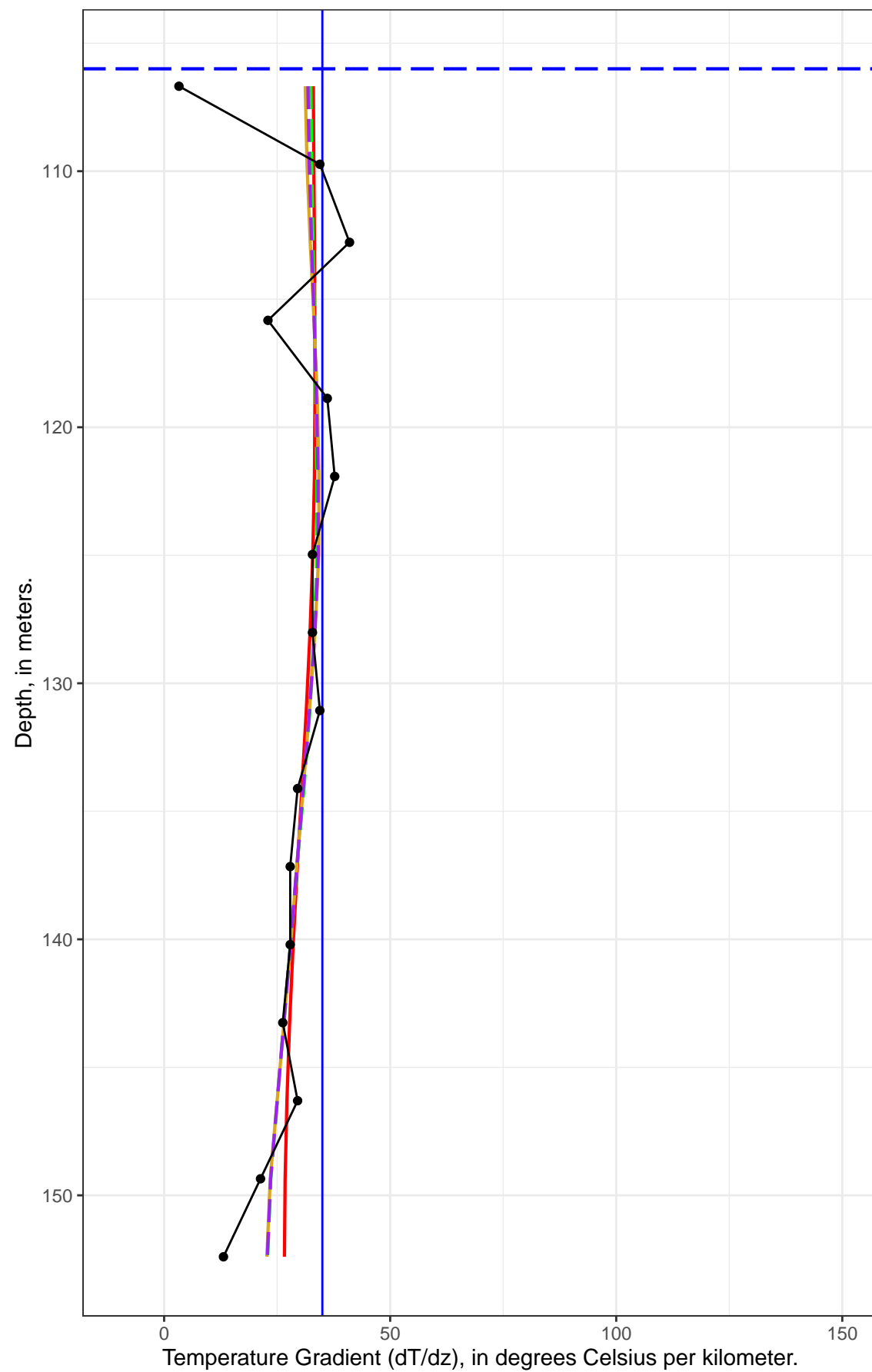
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

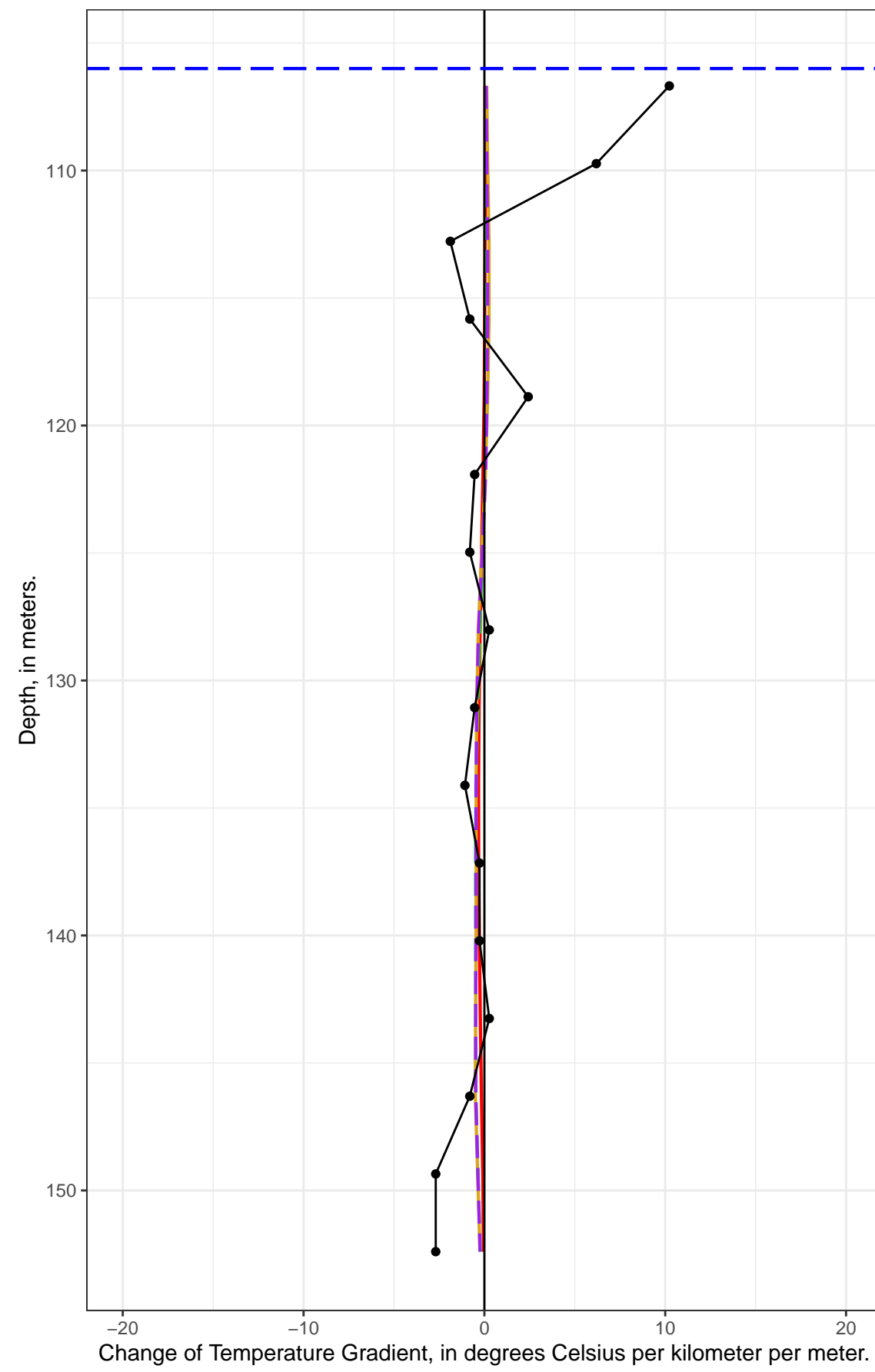
ID: 142 [H-3-80-1317_KILBOURNE_HOLE] Smoothed Profile



ID: 142 [H-3-80-1317_KILBOURNE_HOLE] First Derivative



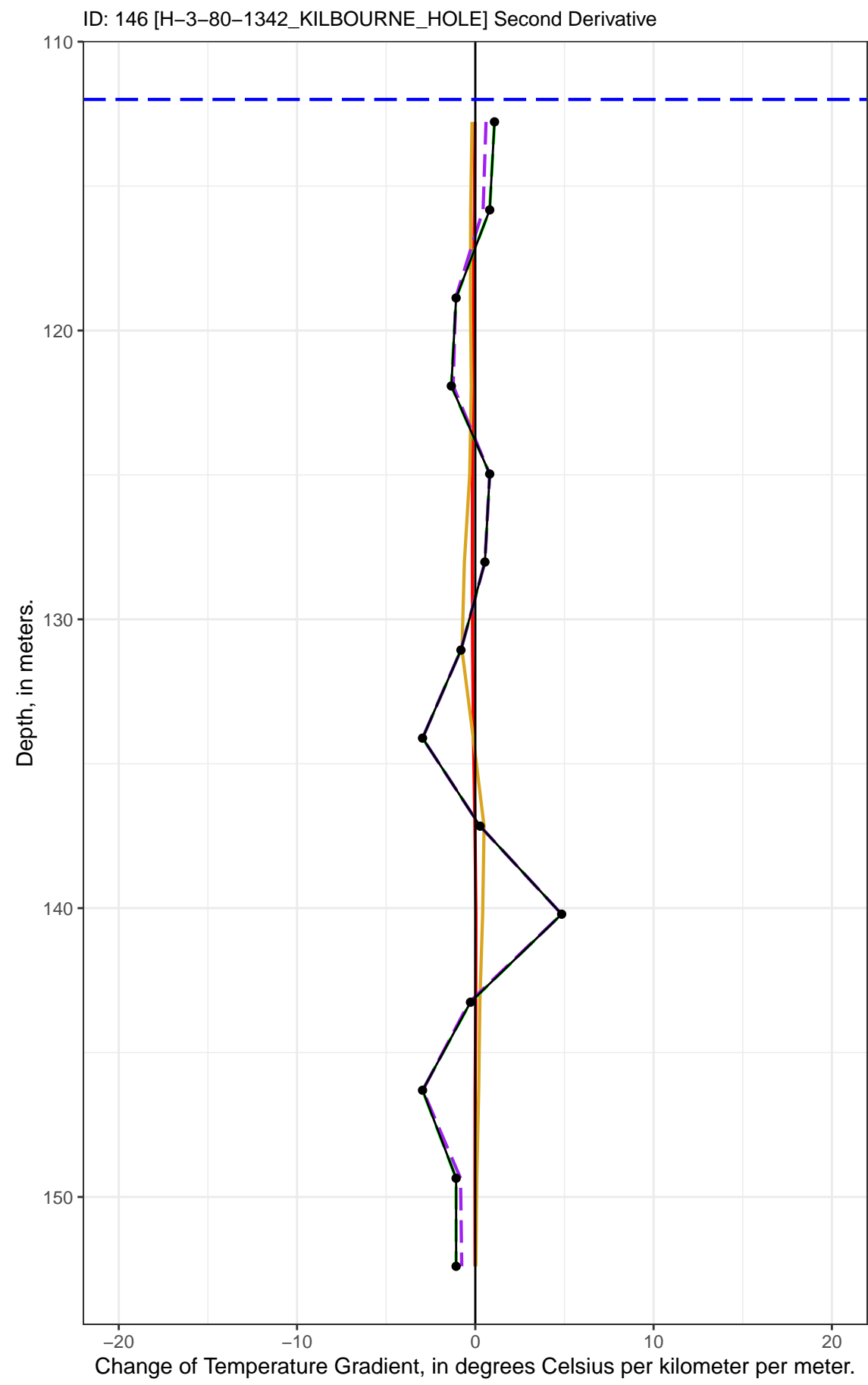
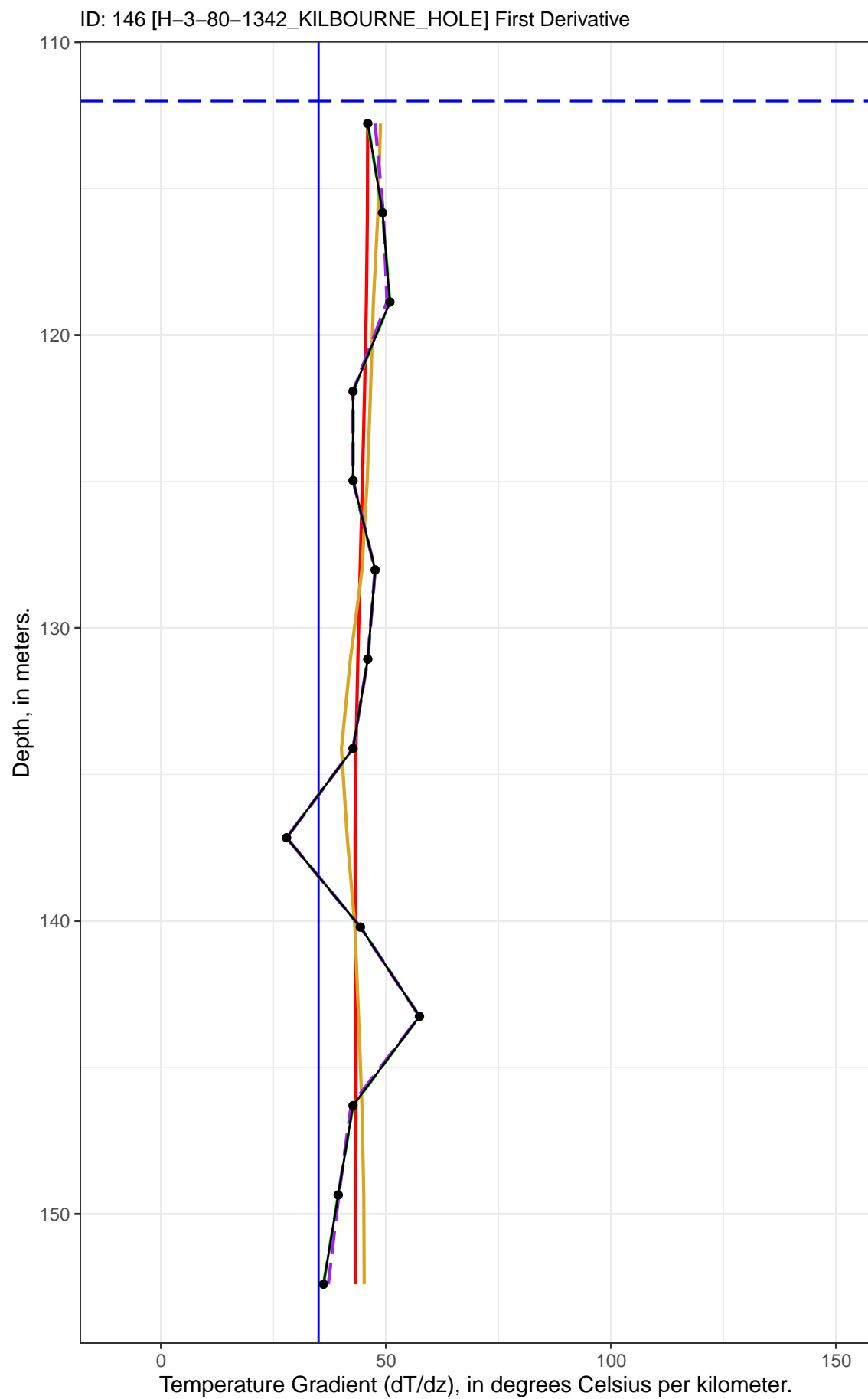
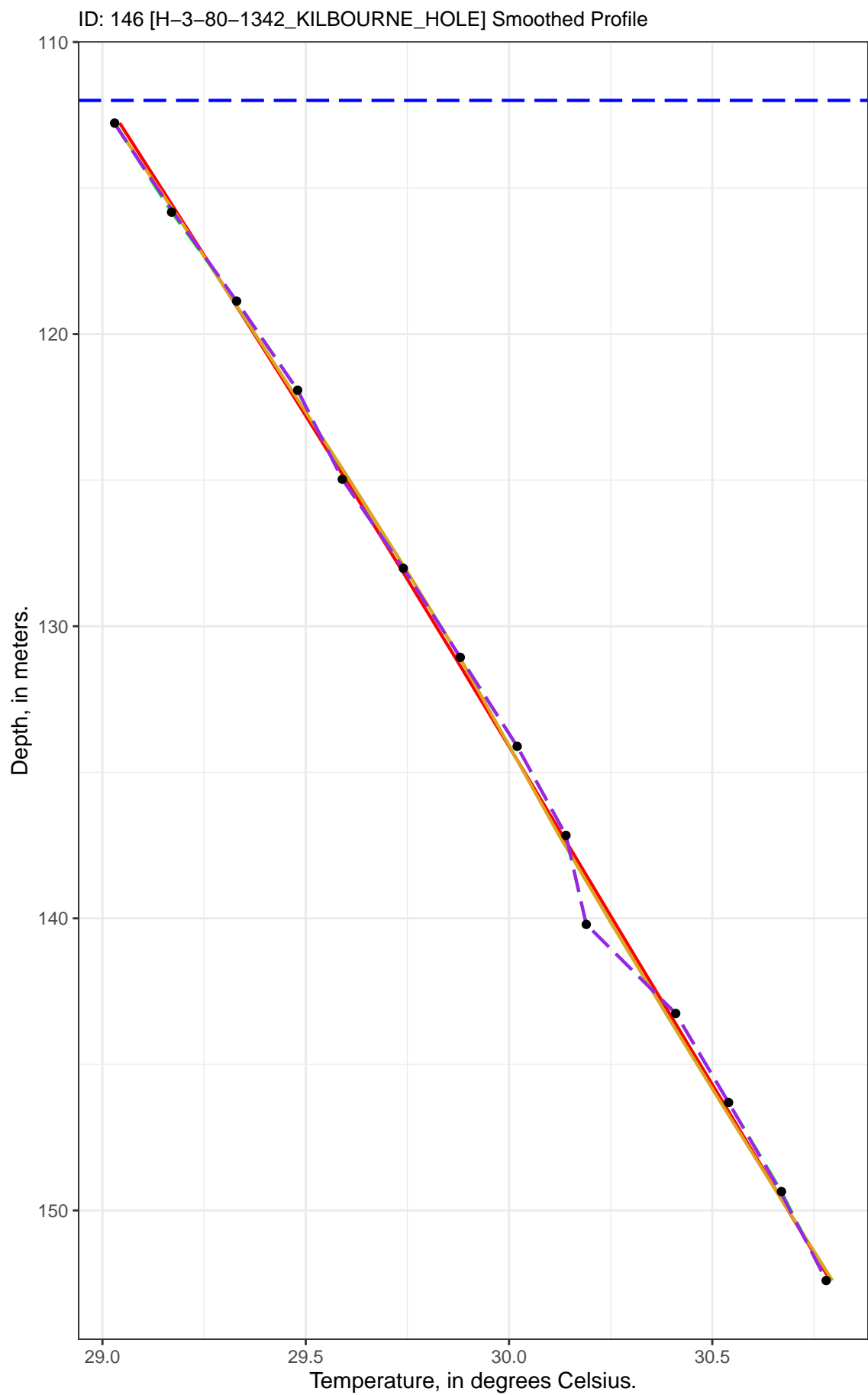
ID: 142 [H-3-80-1317_KILBOURNE_HOLE] Second Derivative



• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

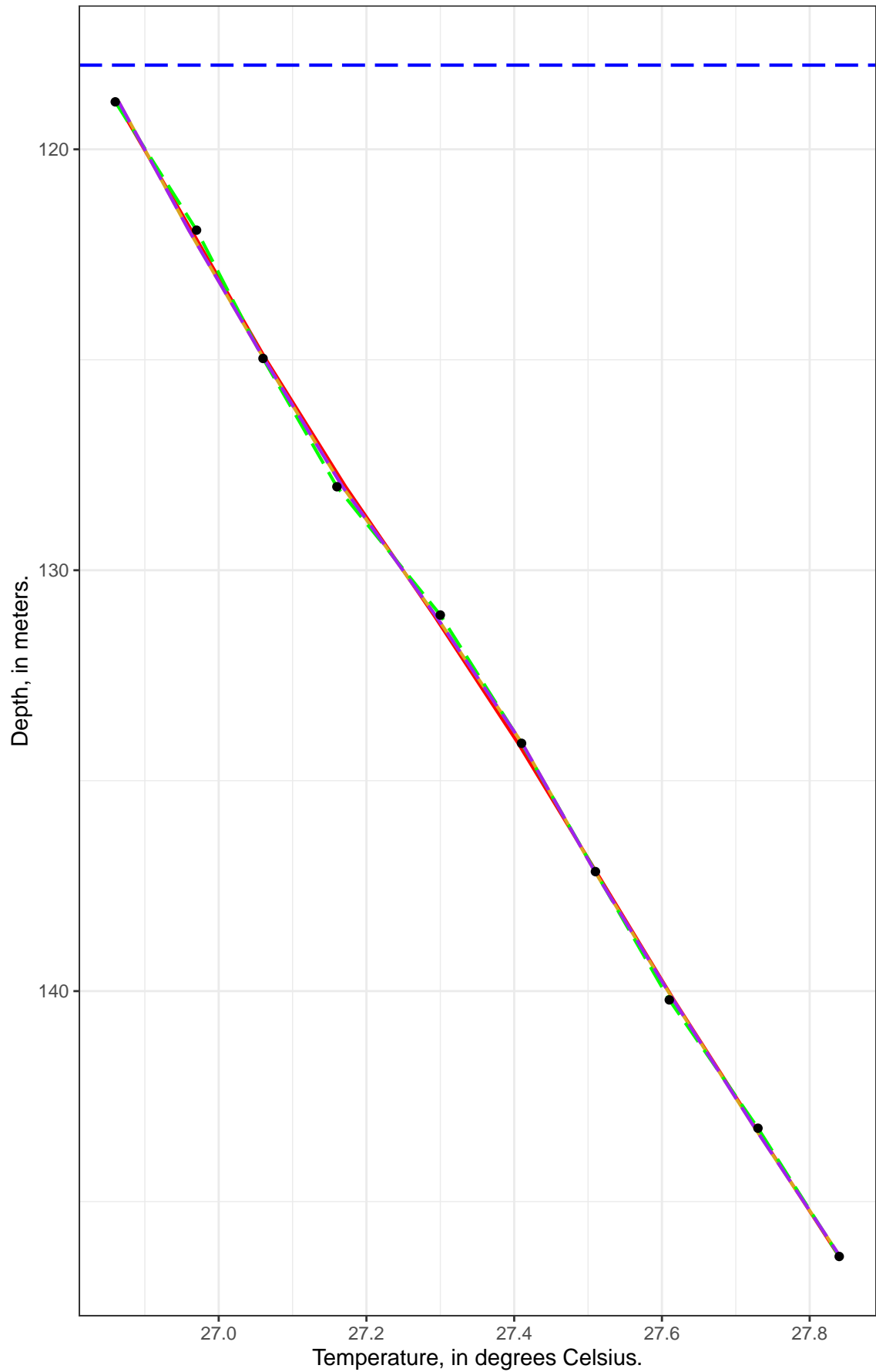


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

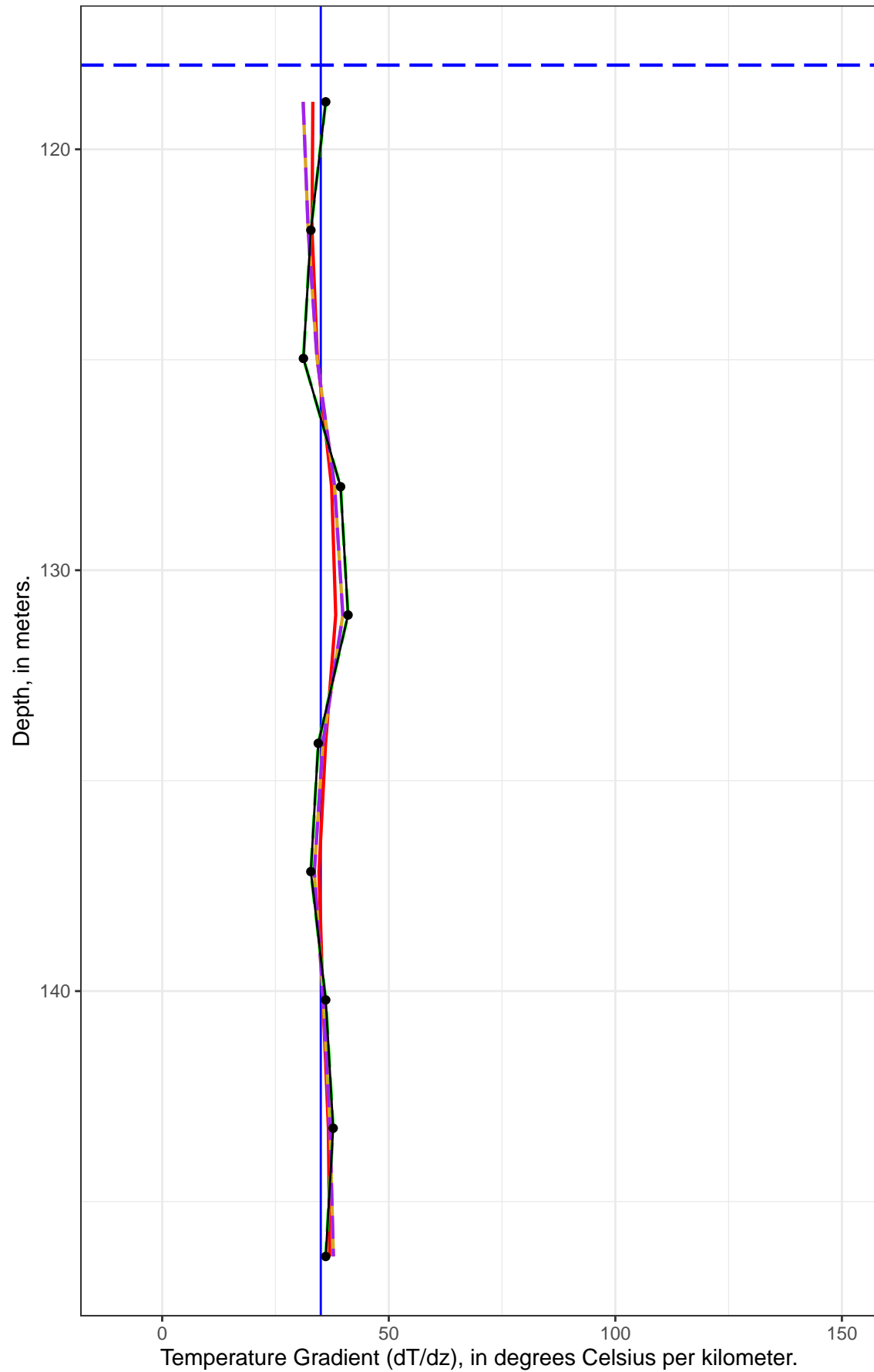
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

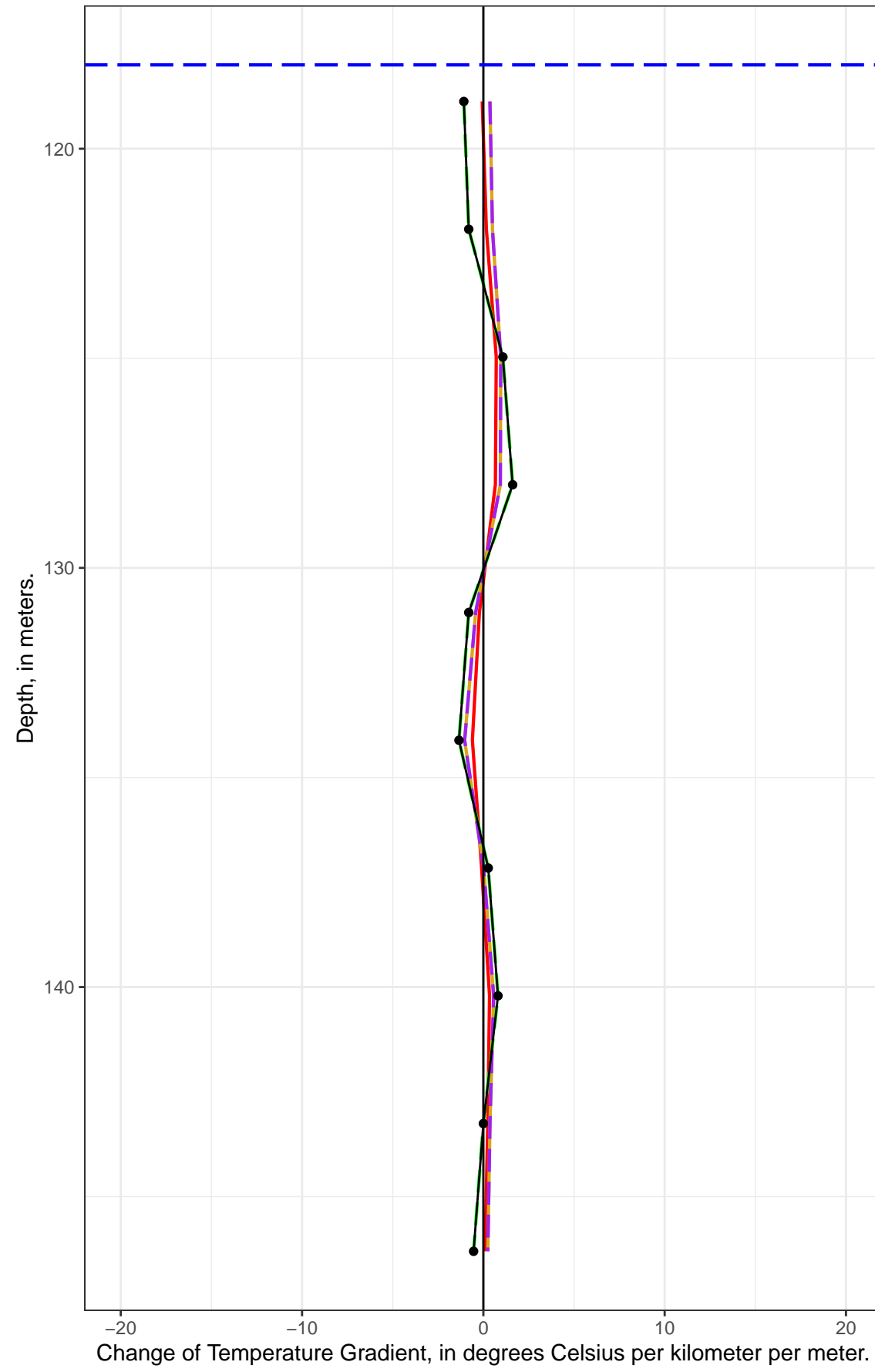
ID: 154 [H-4-80-1224_KILBOURNE_HOLE] Smoothed Profile



ID: 154 [H-4-80-1224_KILBOURNE_HOLE] First Derivative



ID: 154 [H-4-80-1224_KILBOURNE_HOLE] Second Derivative

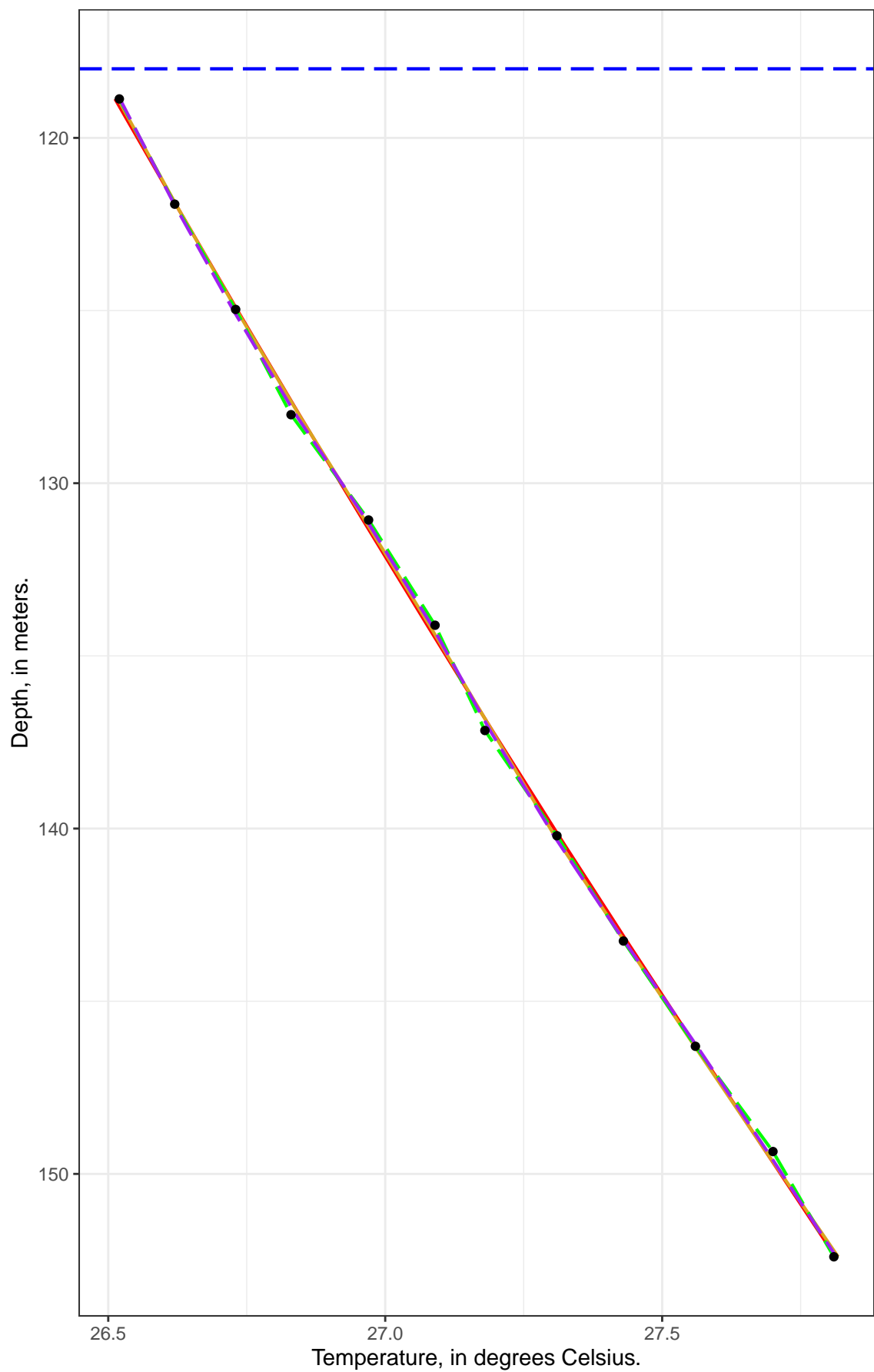


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

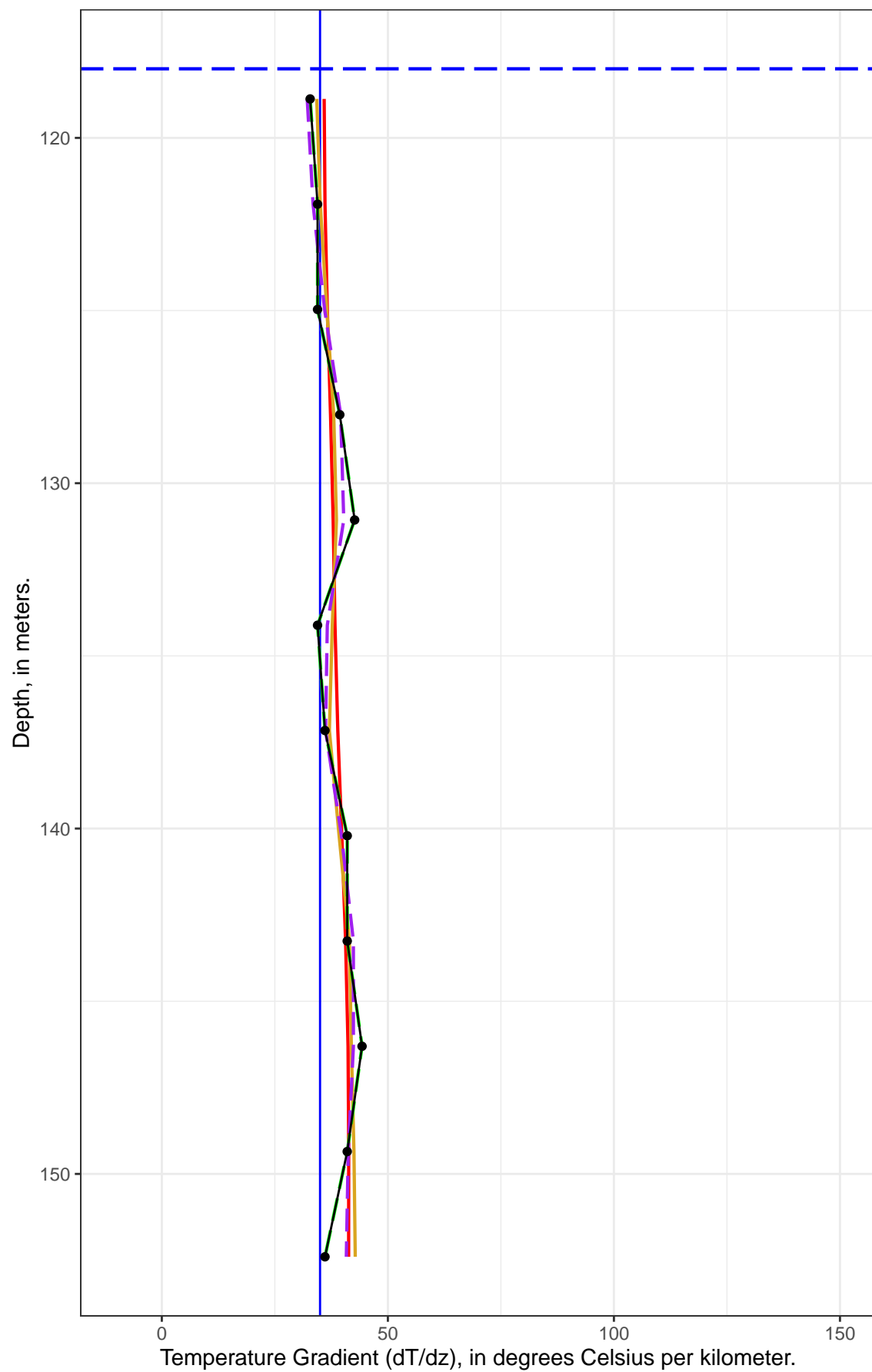
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

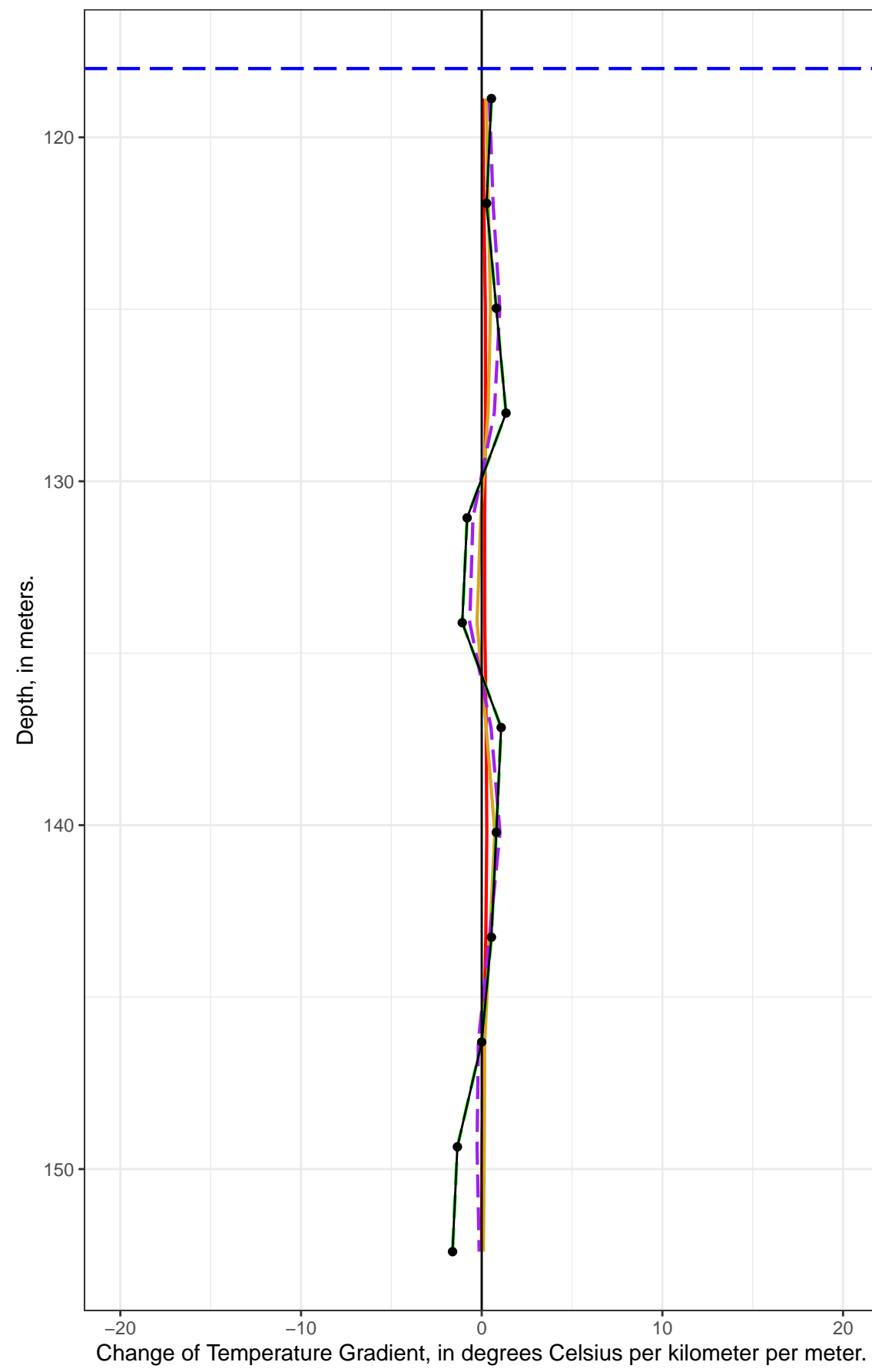
ID: 160 [H-4-80-1239_KILBOURNE_HOLE] Smoothed Profile



ID: 160 [H-4-80-1239_KILBOURNE_HOLE] First Derivative



ID: 160 [H-4-80-1239_KILBOURNE_HOLE] Second Derivative

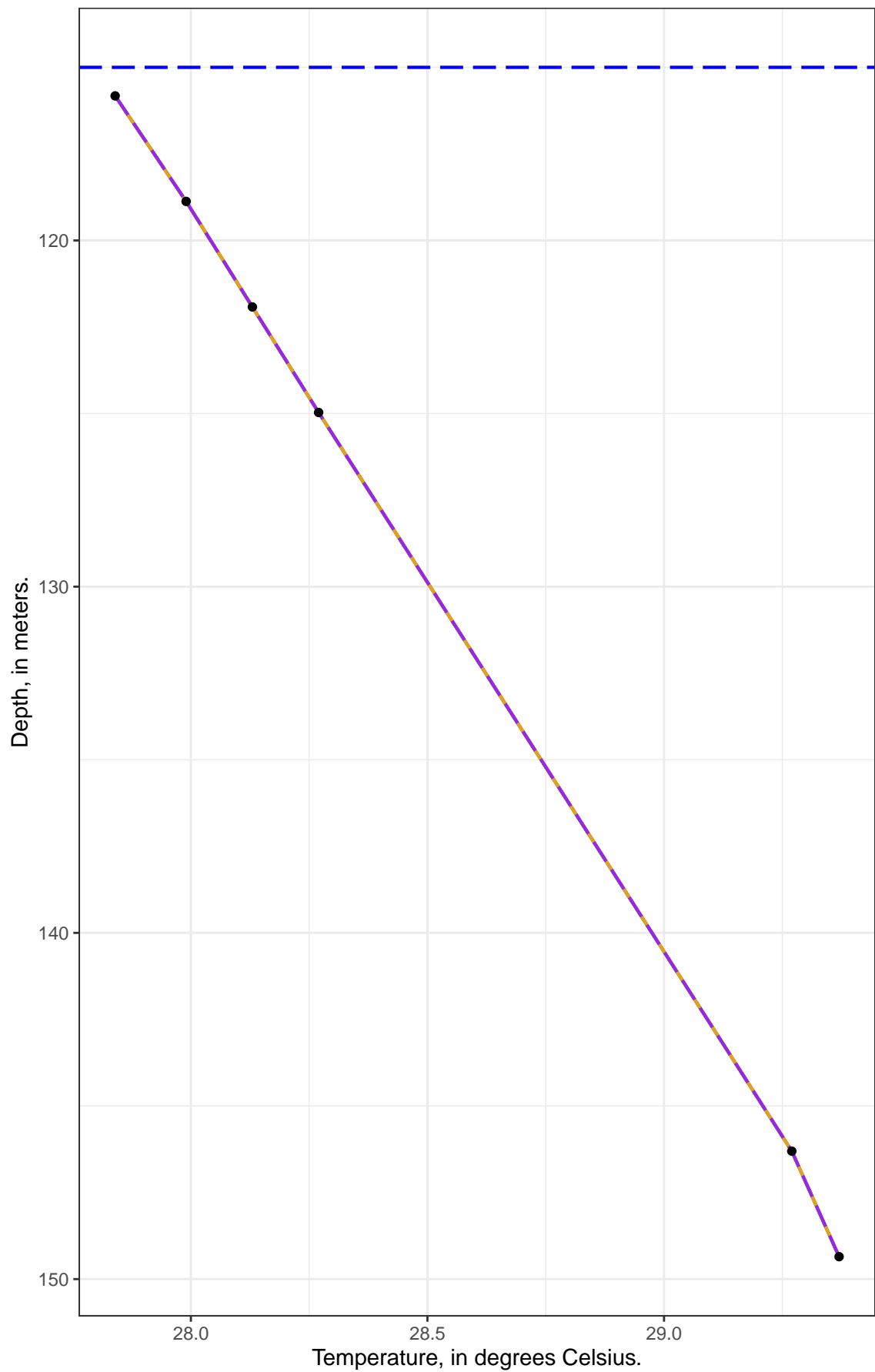


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

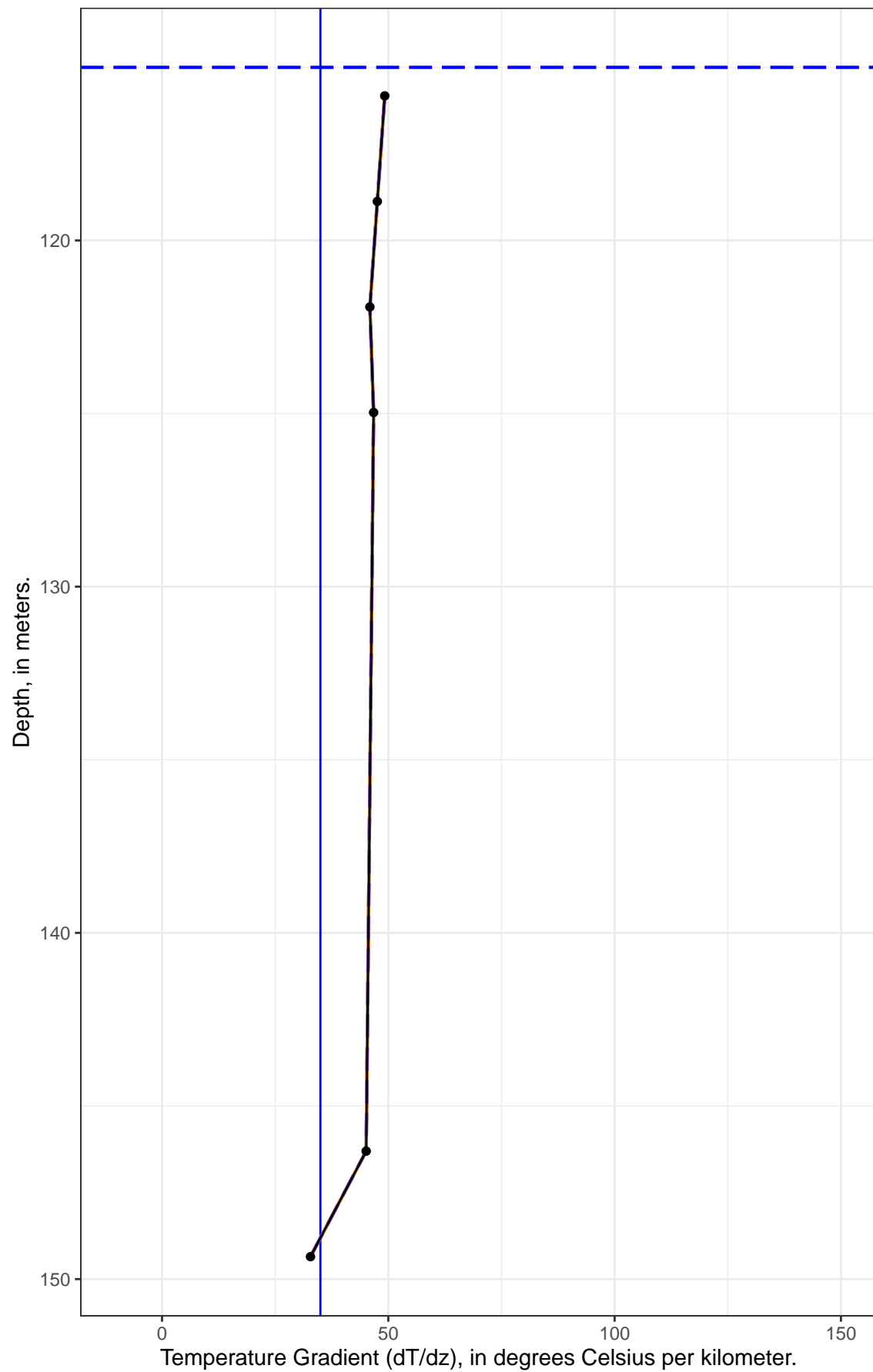
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

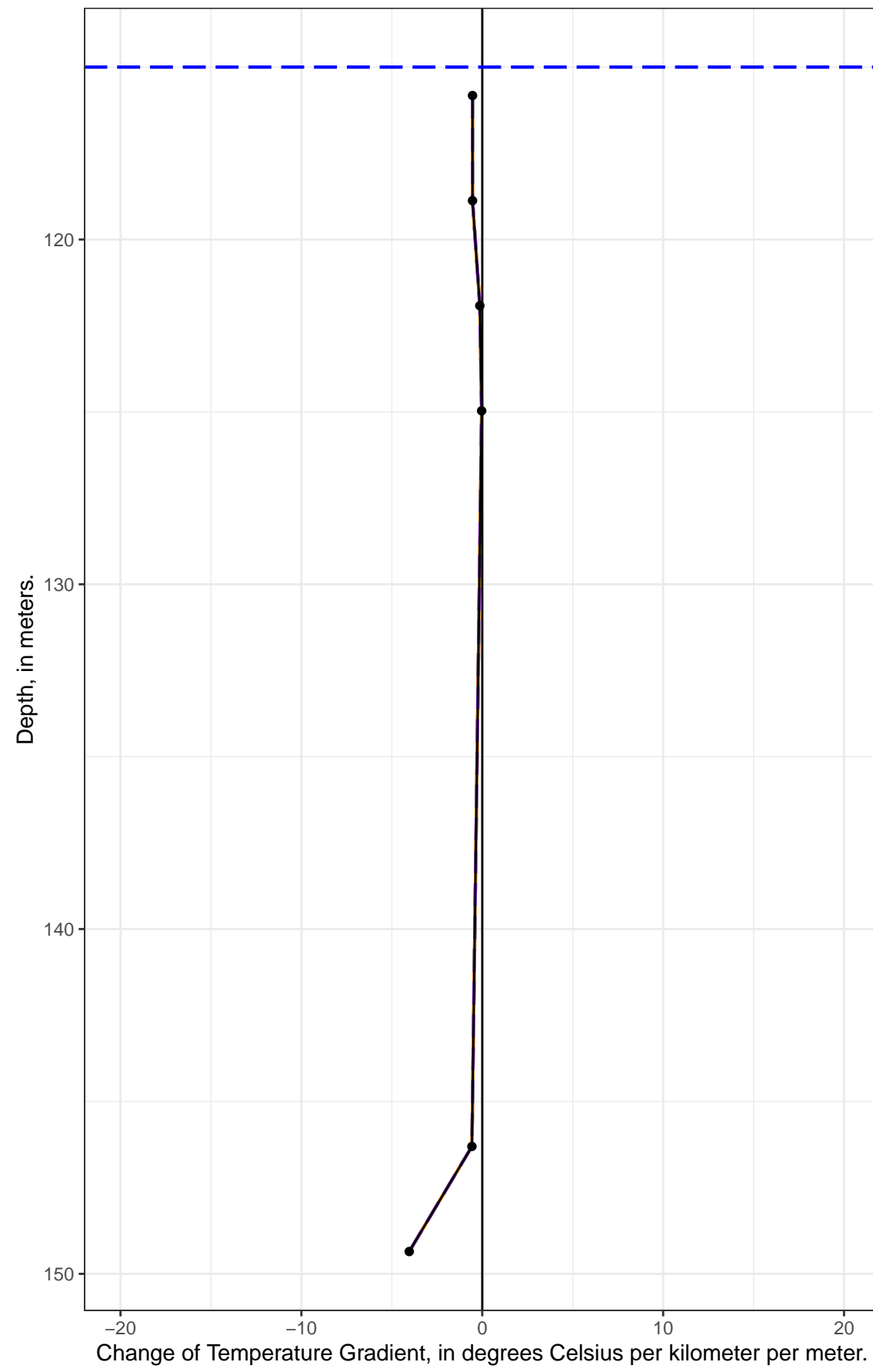
ID: 161 [H-4-80-1242_KILBOURNE_HOLE] Smoothed Profile



ID: 161 [H-4-80-1242_KILBOURNE_HOLE] First Derivative



ID: 161 [H-4-80-1242_KILBOURNE_HOLE] Second Derivative

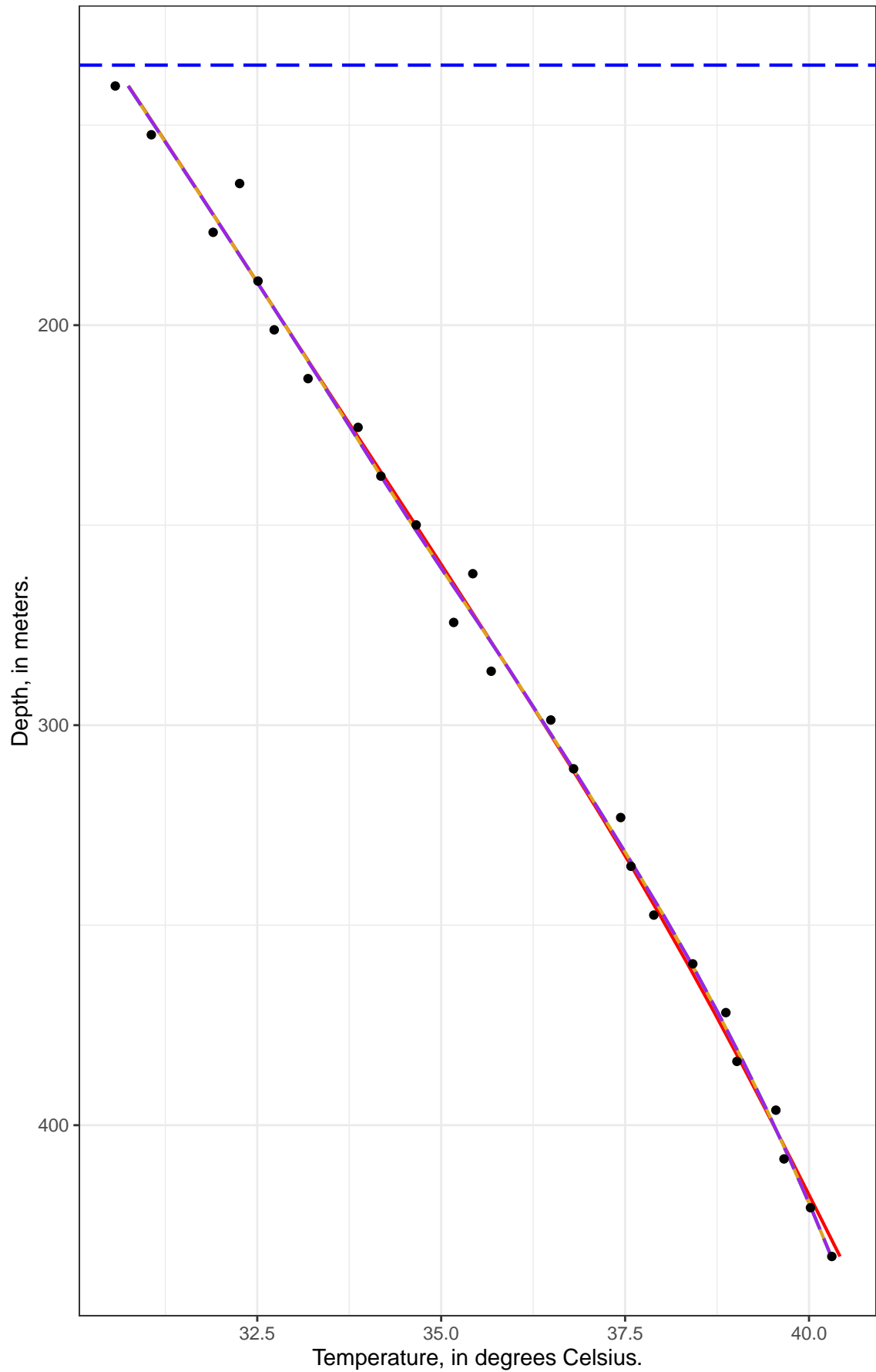


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

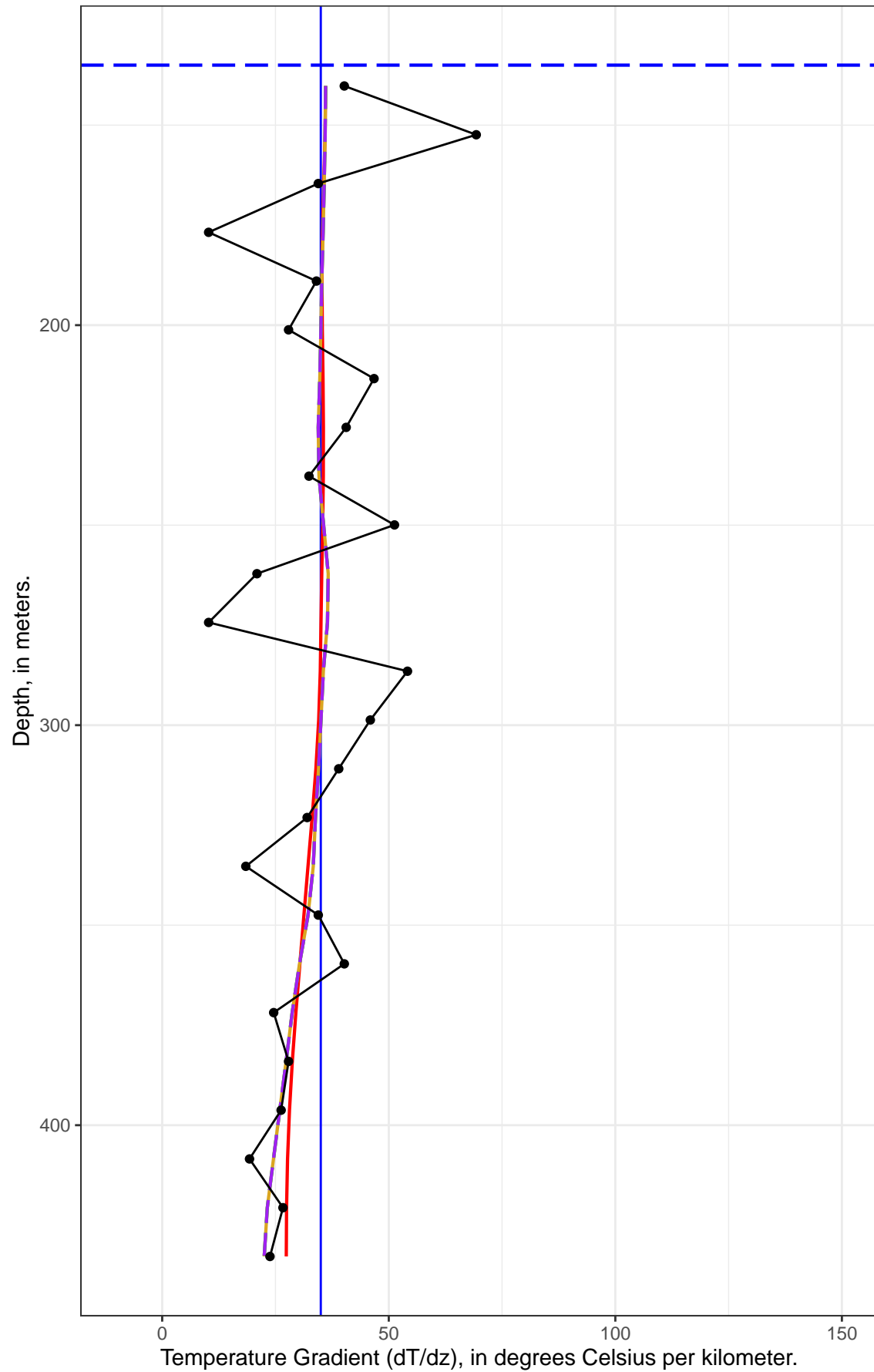
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

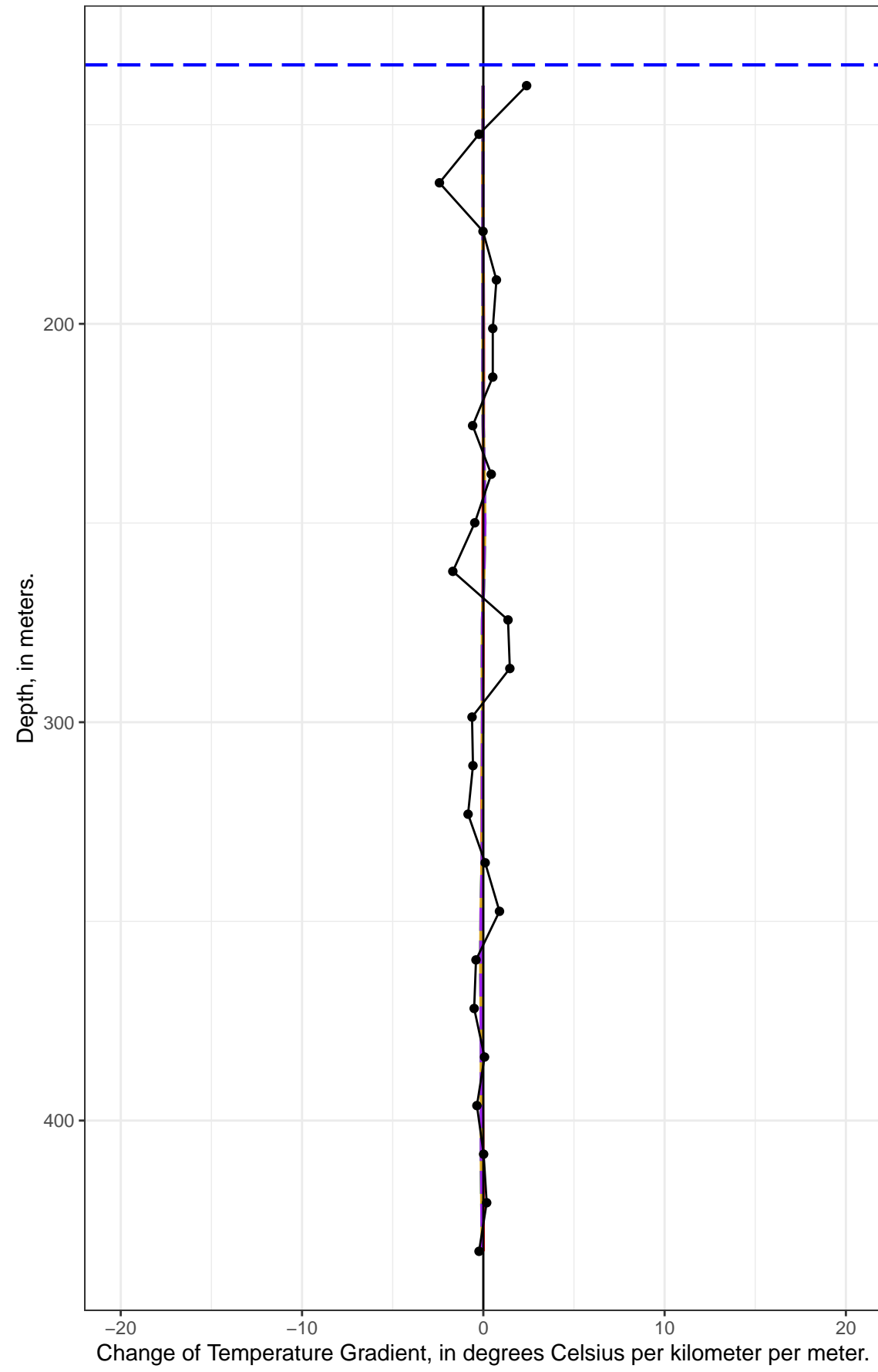
ID: 162 [H-6-78-1000_KILBOURNE_HOLE] Smoothed Profile



ID: 162 [H-6-78-1000_KILBOURNE_HOLE] First Derivative



ID: 162 [H-6-78-1000_KILBOURNE_HOLE] Second Derivative

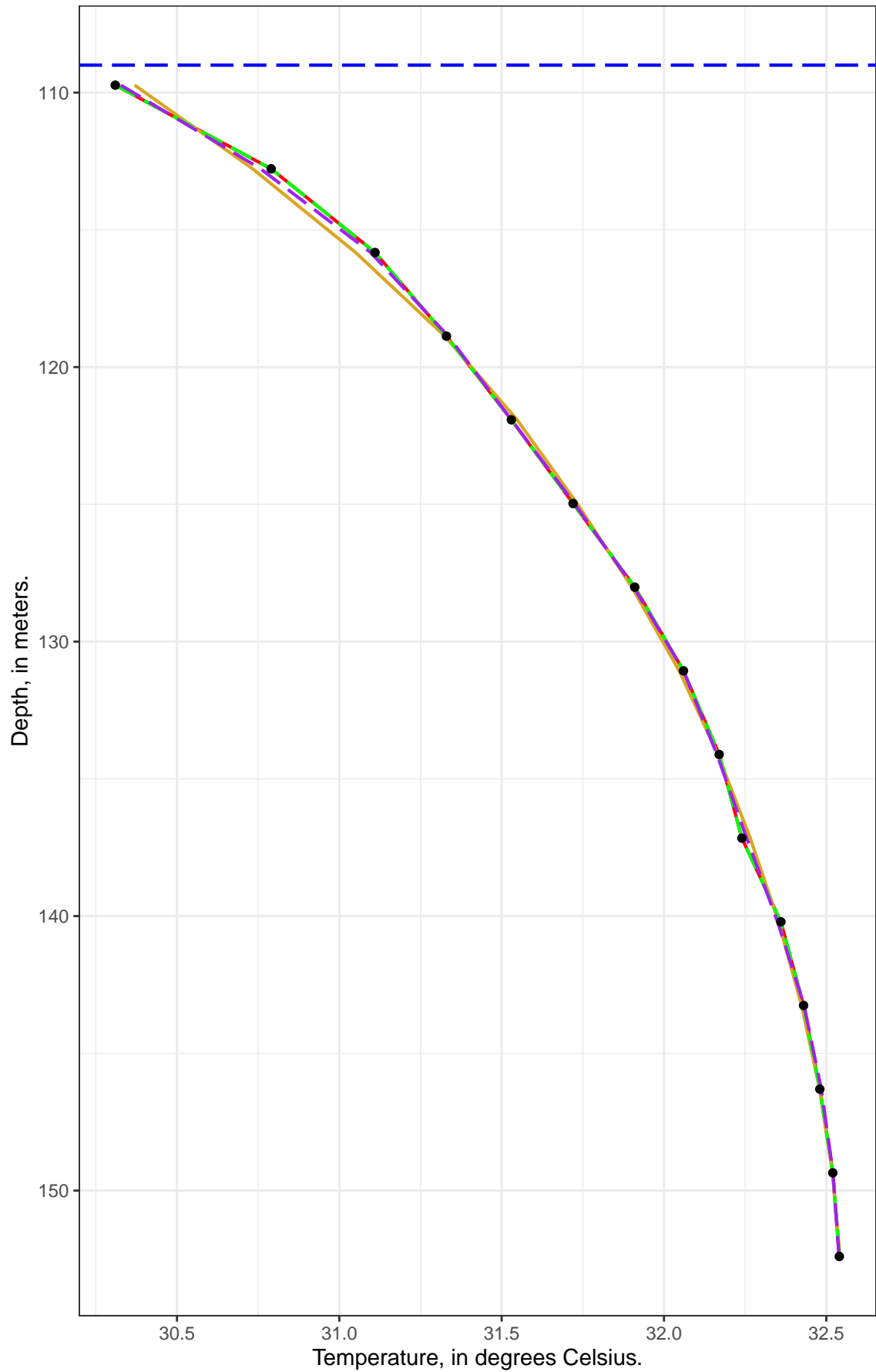


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

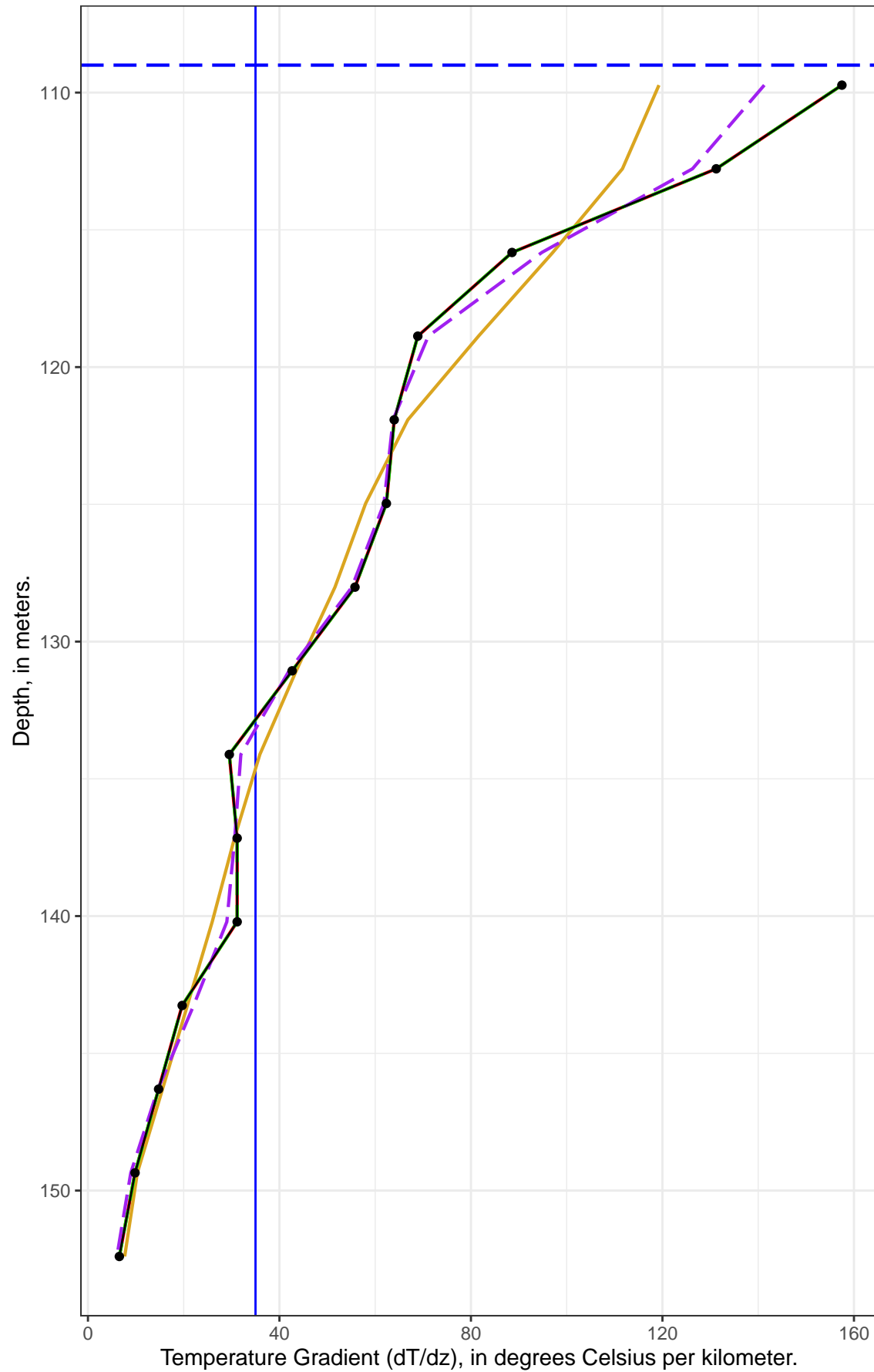
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

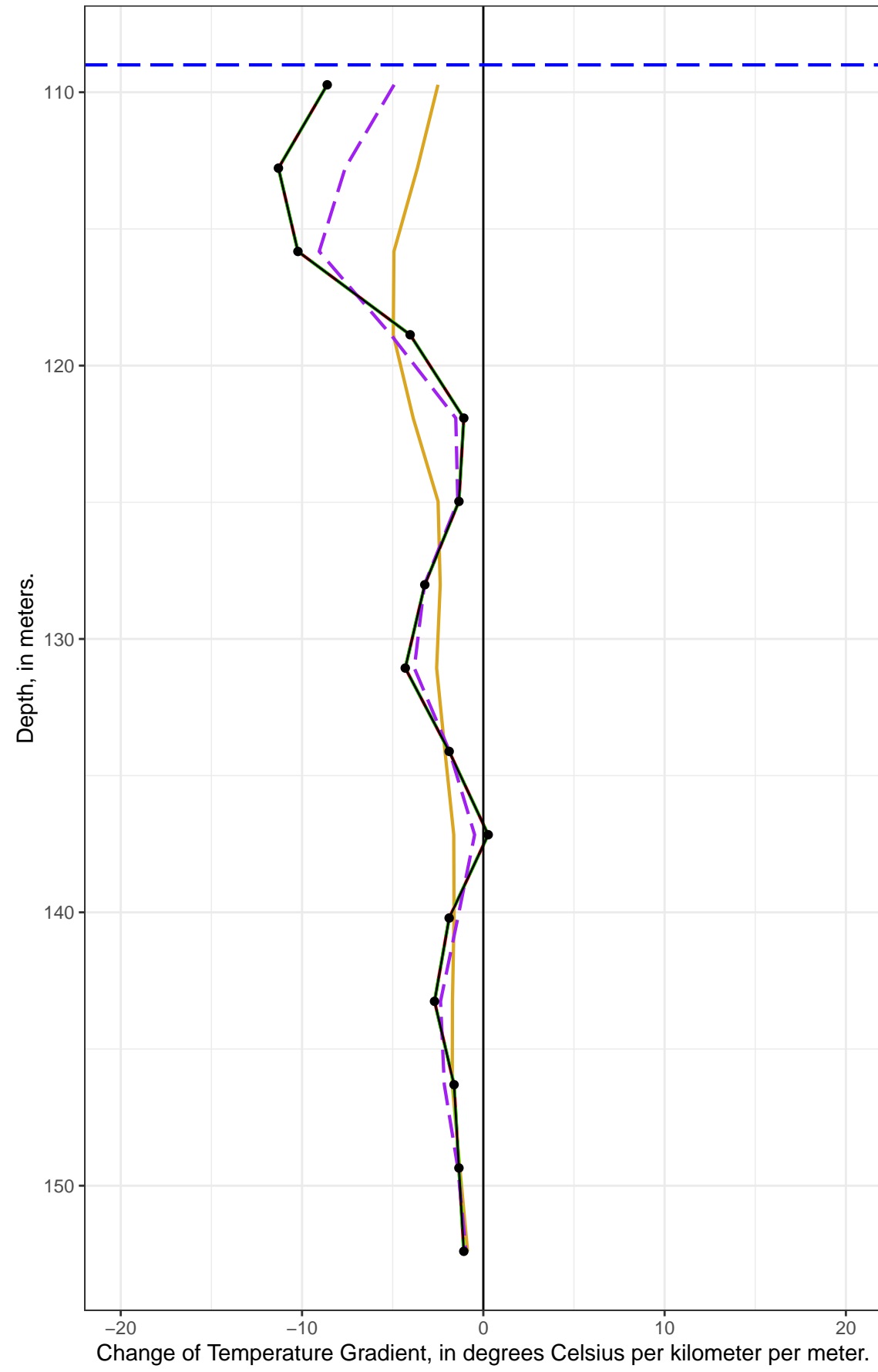
ID: 163 [H-6-78-1010_KILBOURNE_HOLE] Smoothed Profile



ID: 163 [H-6-78-1010_KILBOURNE_HOLE] First Derivative



ID: 163 [H-6-78-1010_KILBOURNE_HOLE] Second Derivative

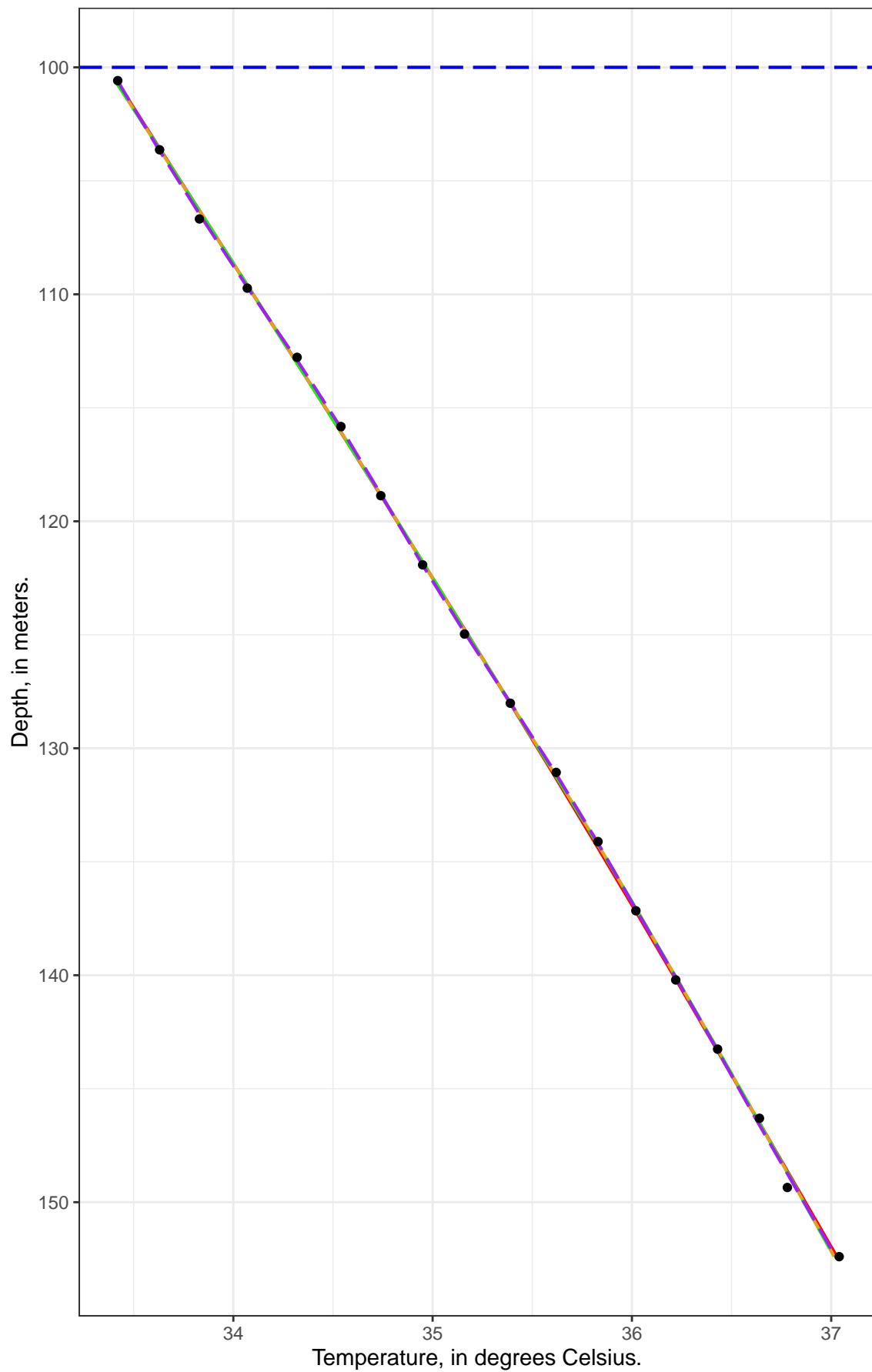


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

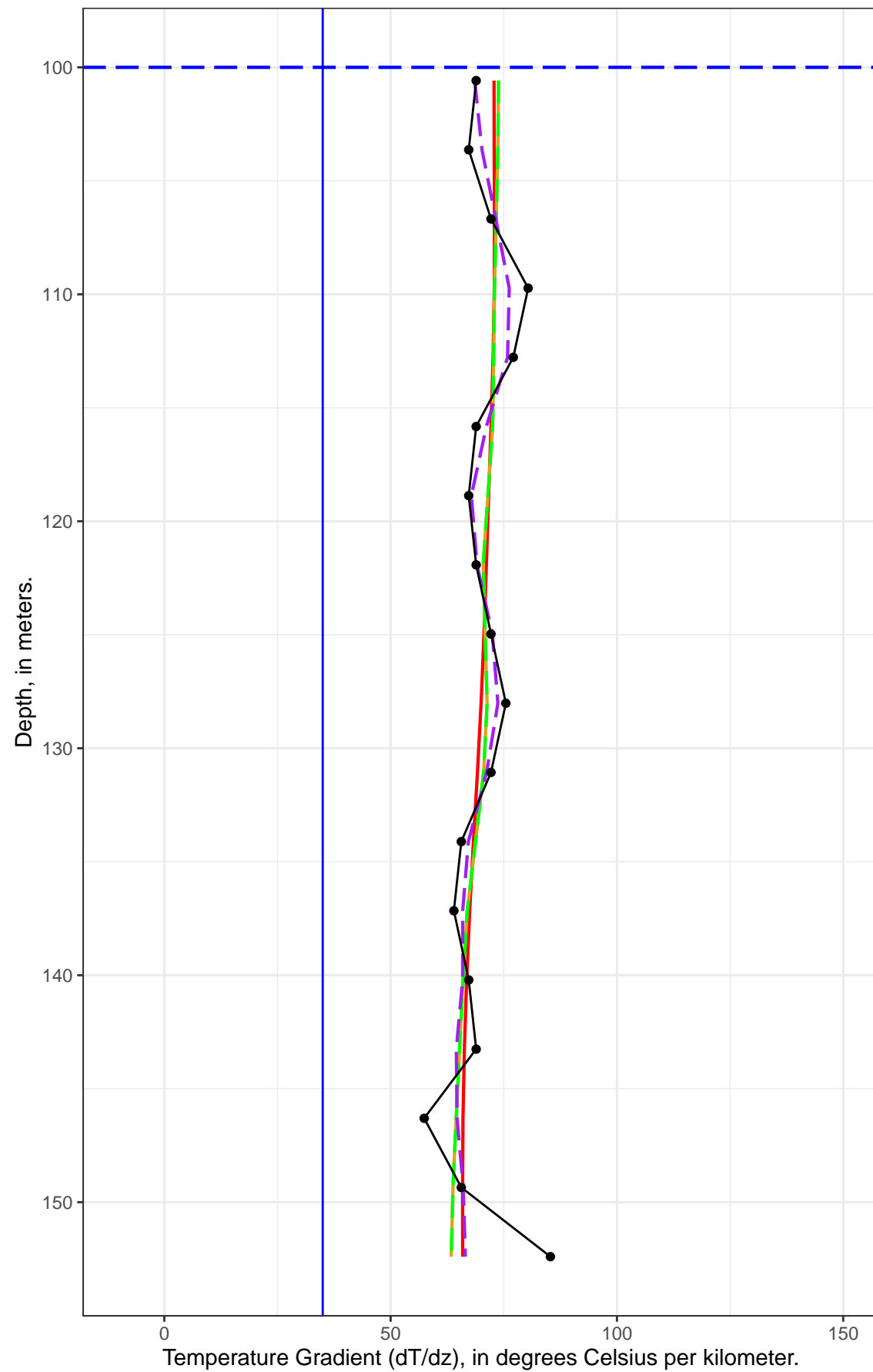
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

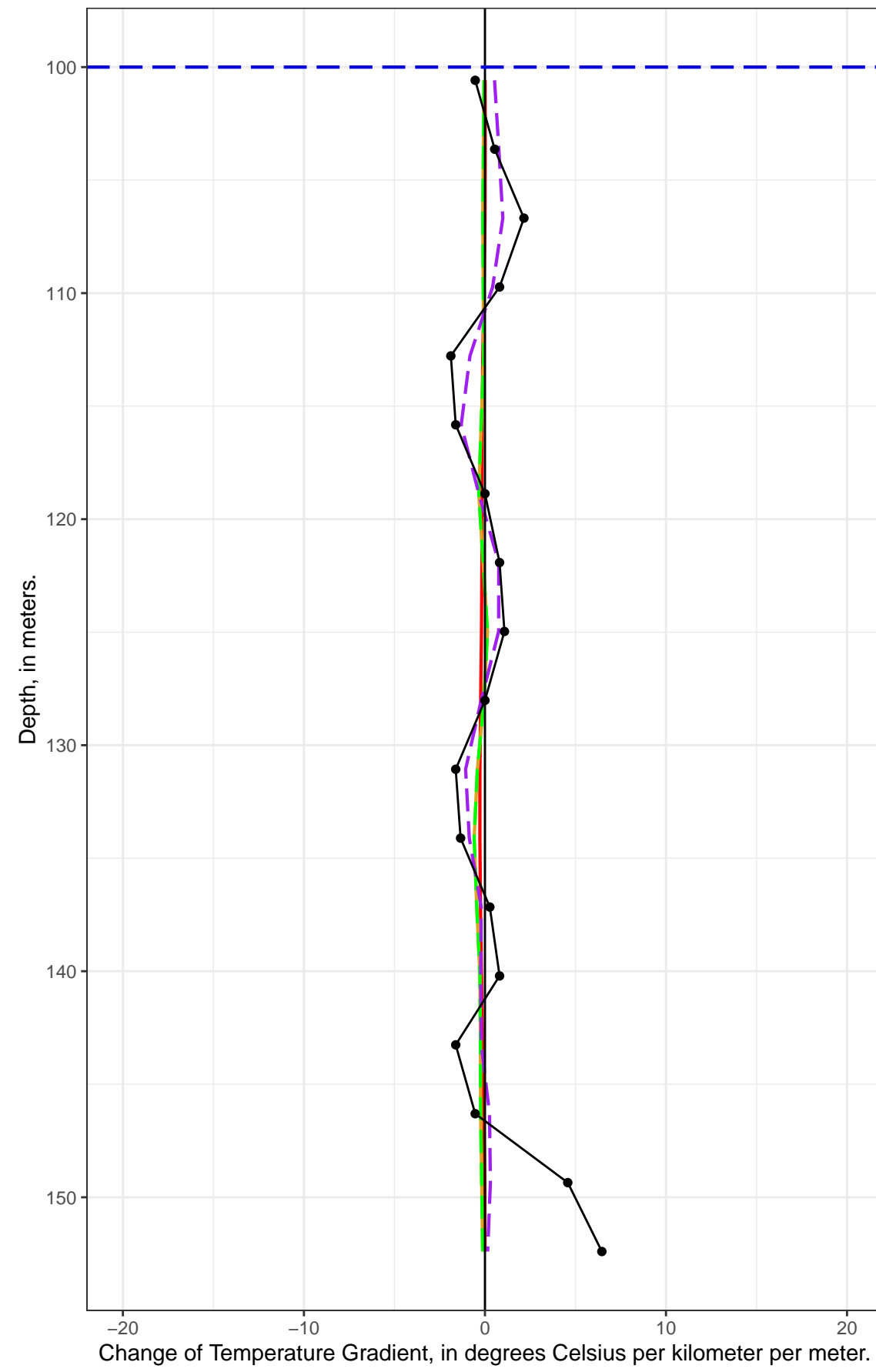
ID: 164 [H-6-78-1013_KILBOURNE_HOLE] Smoothed Profile



ID: 164 [H-6-78-1013_KILBOURNE_HOLE] First Derivative



ID: 164 [H-6-78-1013_KILBOURNE_HOLE] Second Derivative

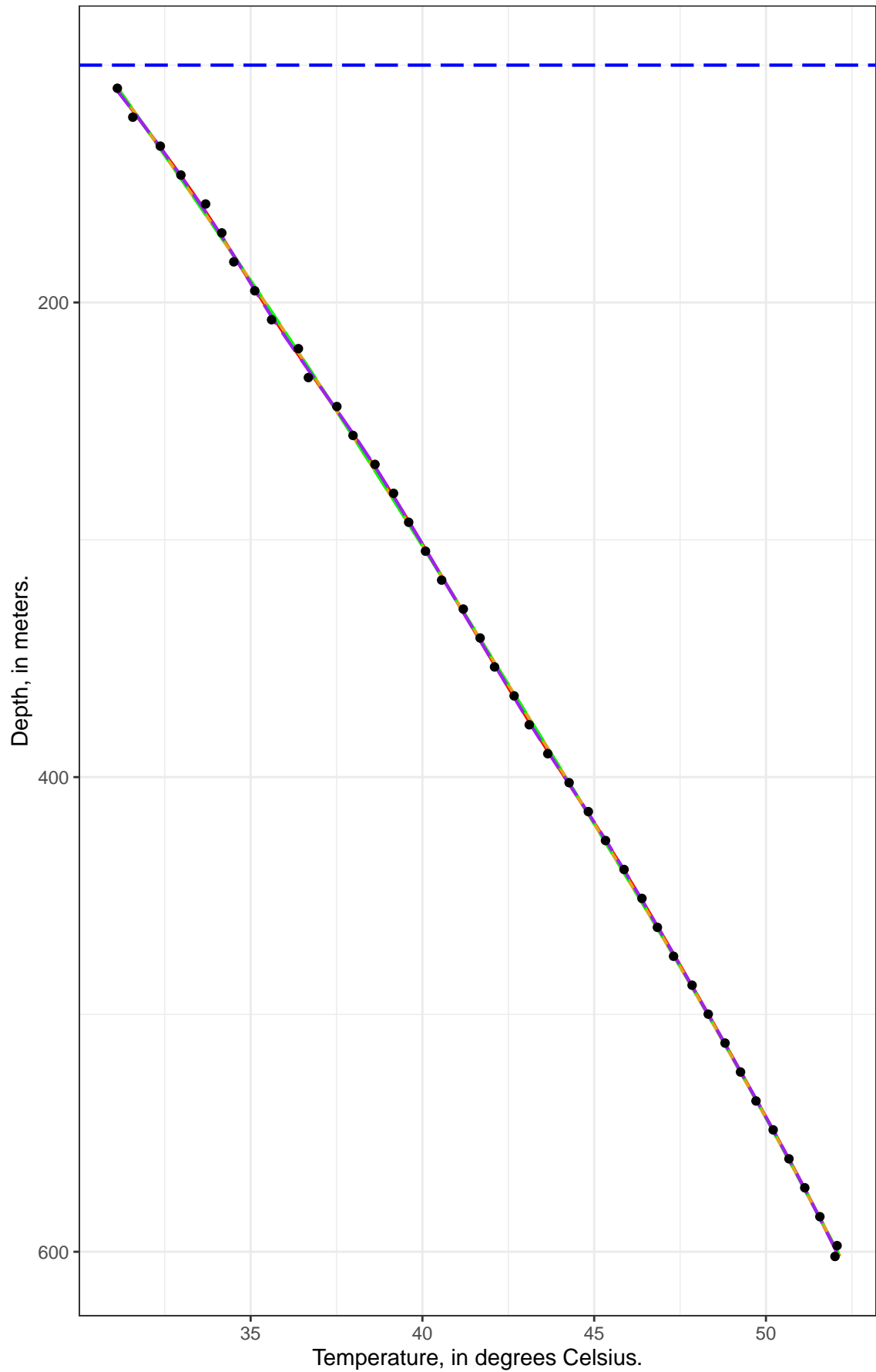


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

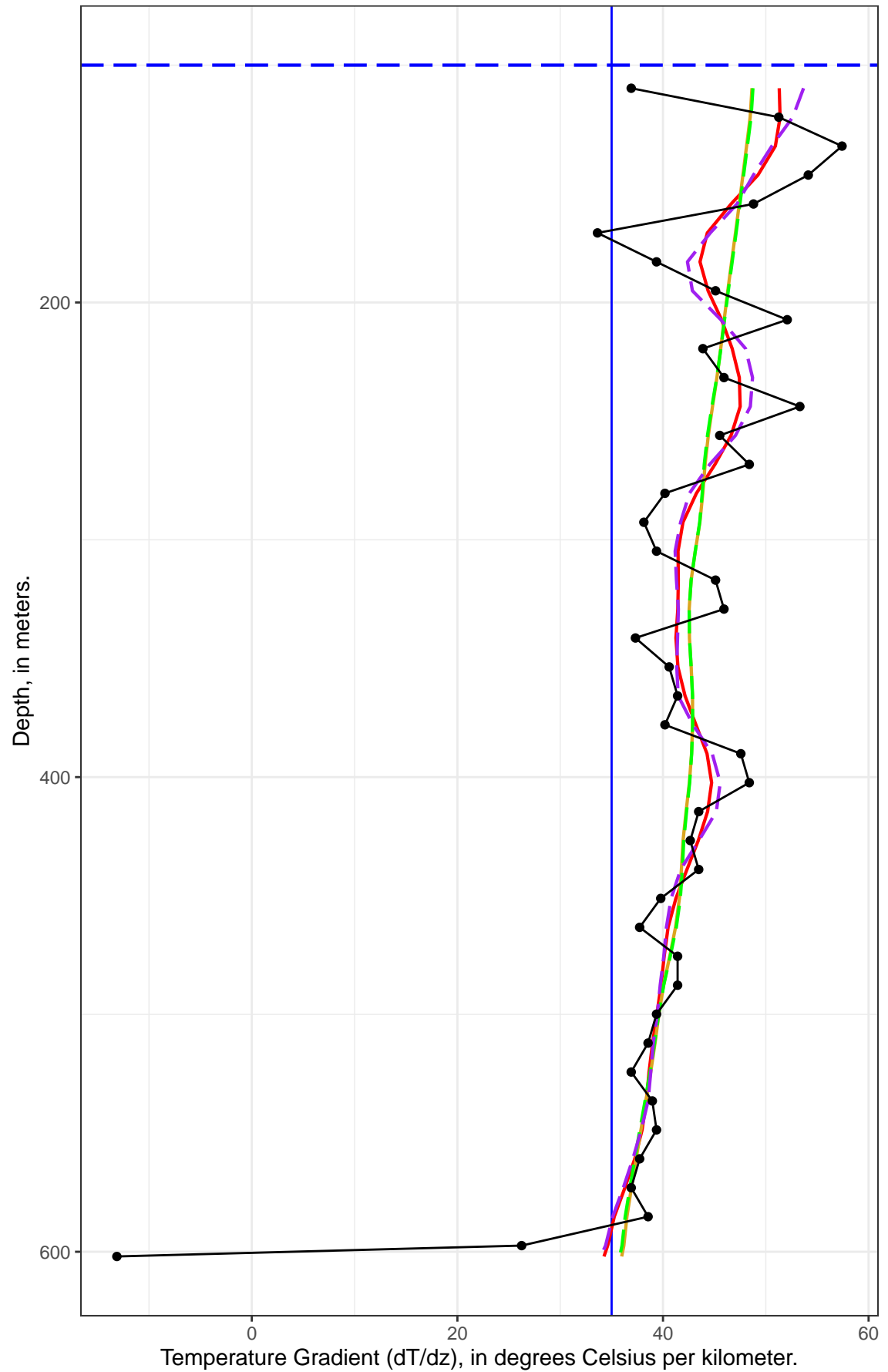
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

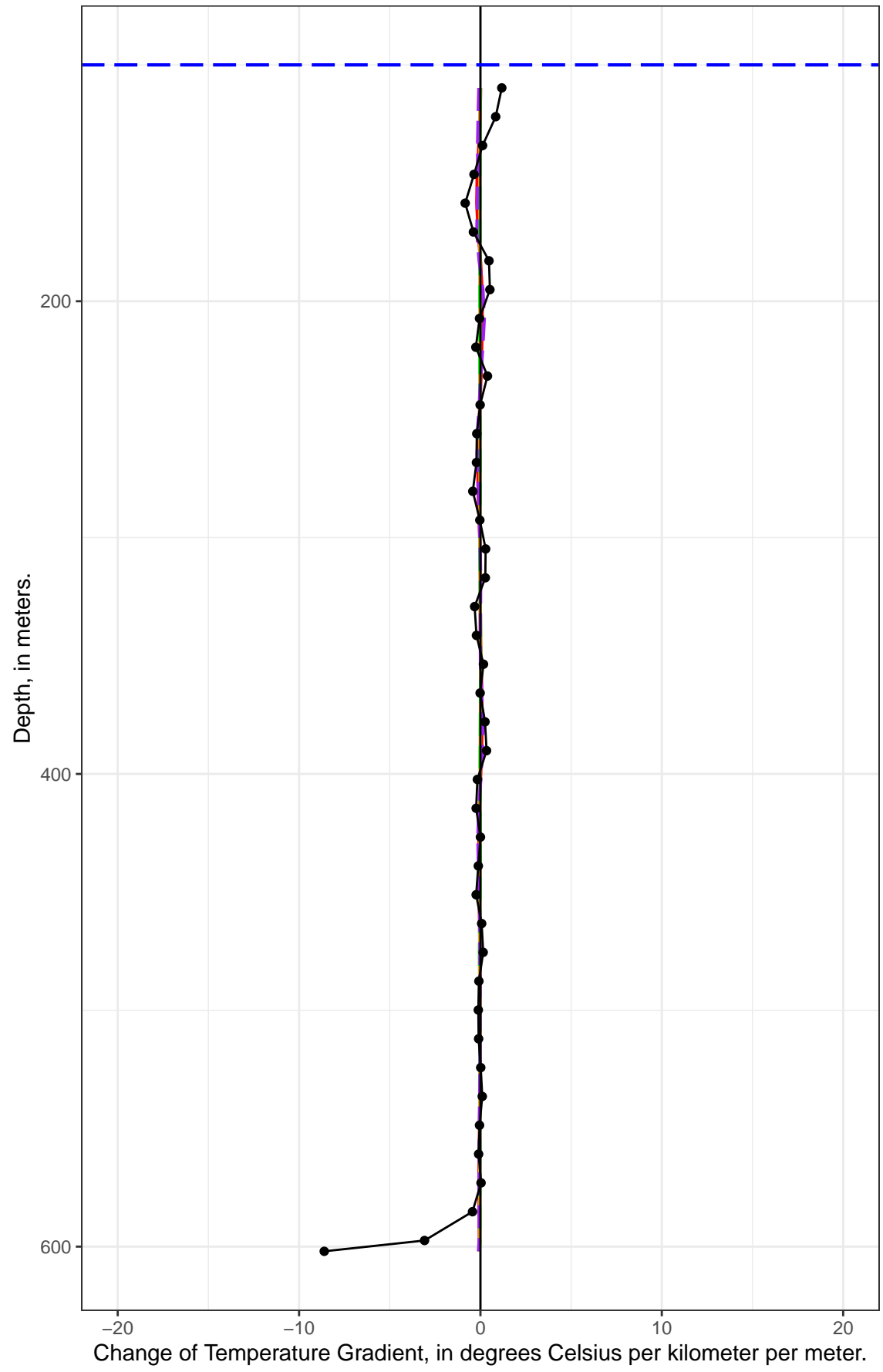
ID: 165 [H-6-78-1014_KILBOURNE_HOLE] Smoothed Profile



ID: 165 [H-6-78-1014_KILBOURNE_HOLE] First Derivative



ID: 165 [H-6-78-1014_KILBOURNE_HOLE] Second Derivative

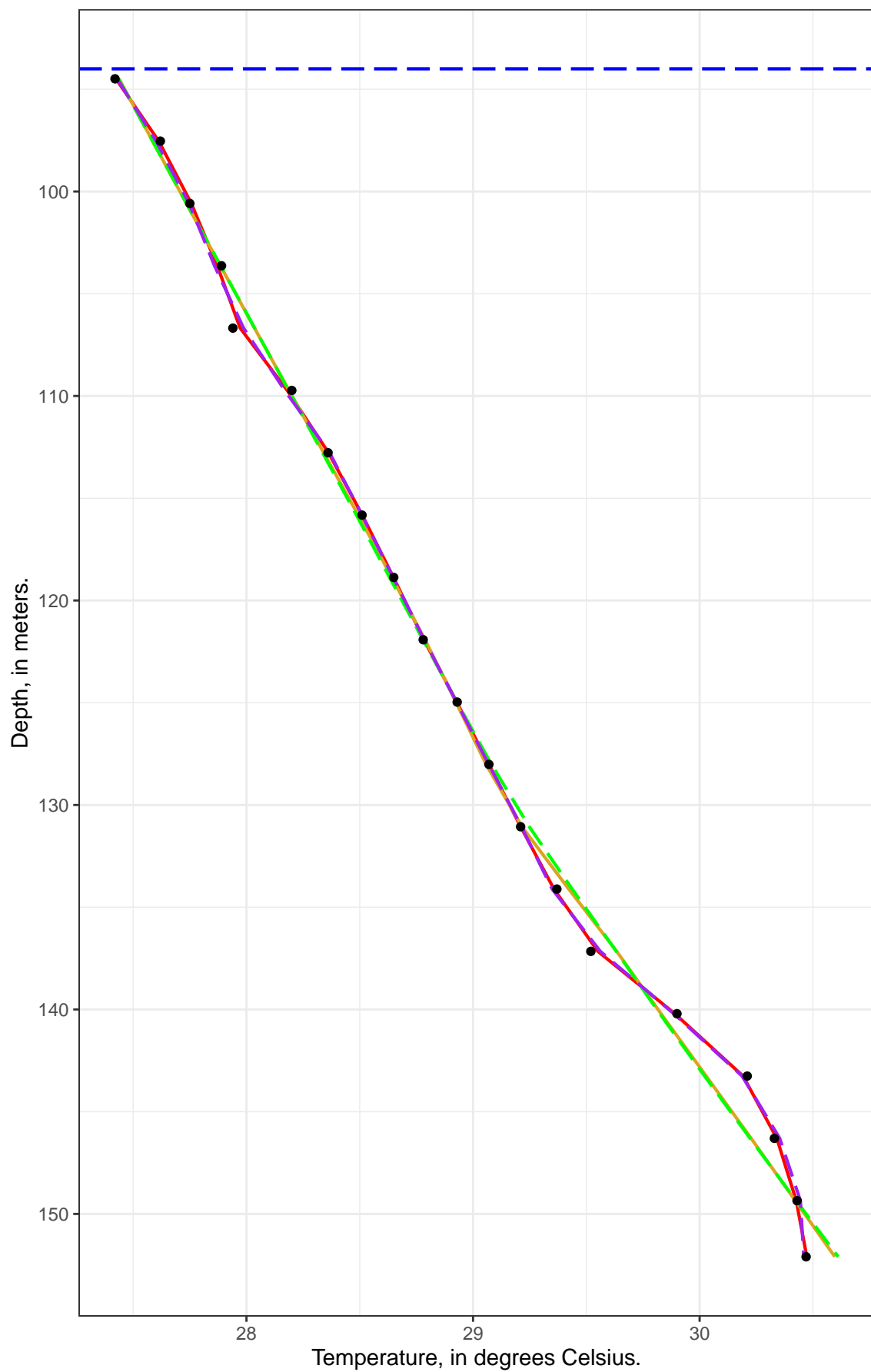


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

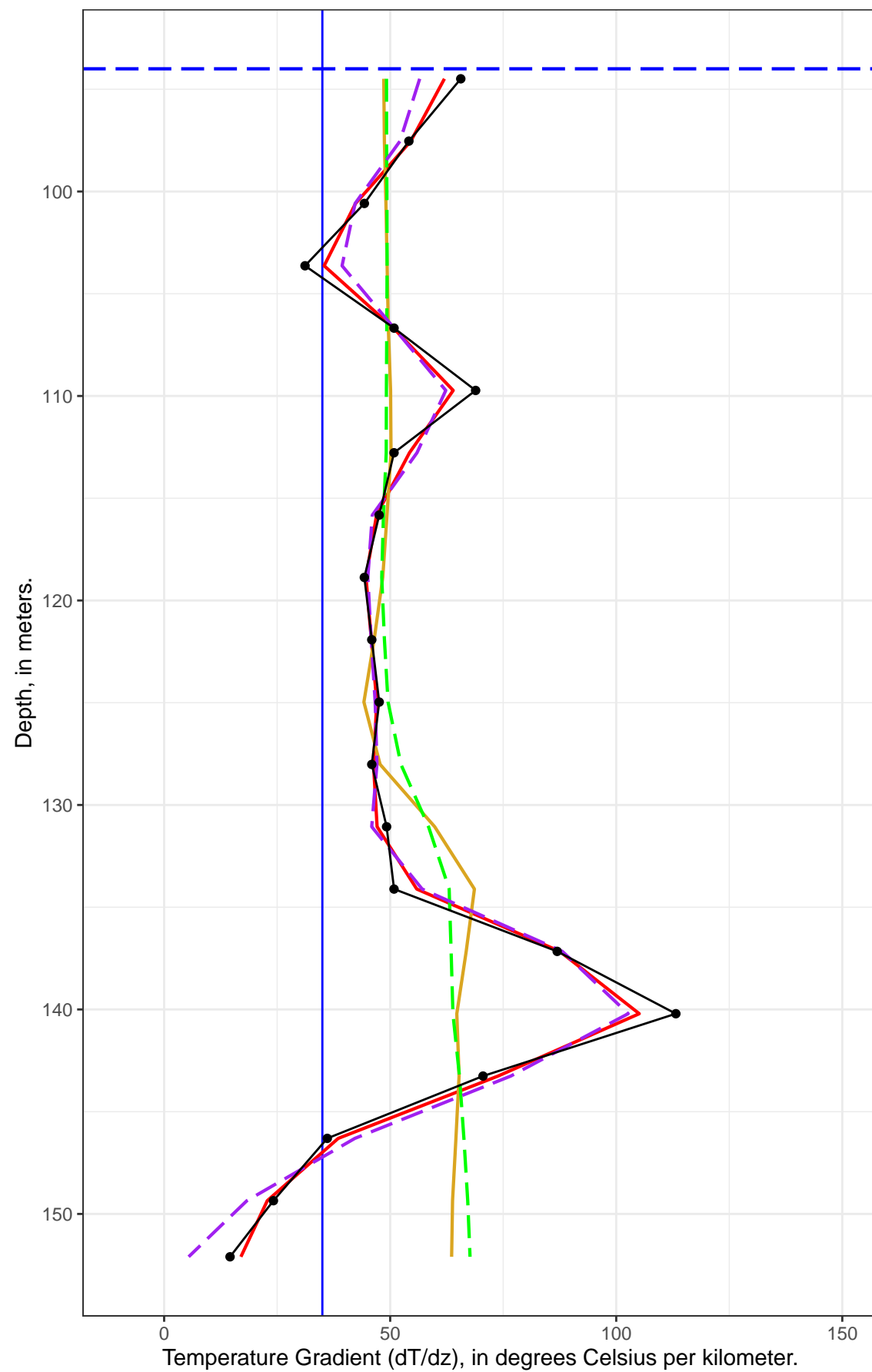
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 166 [H-6-78-1015_KILBOURNE_HOLE] Smoothed Profile



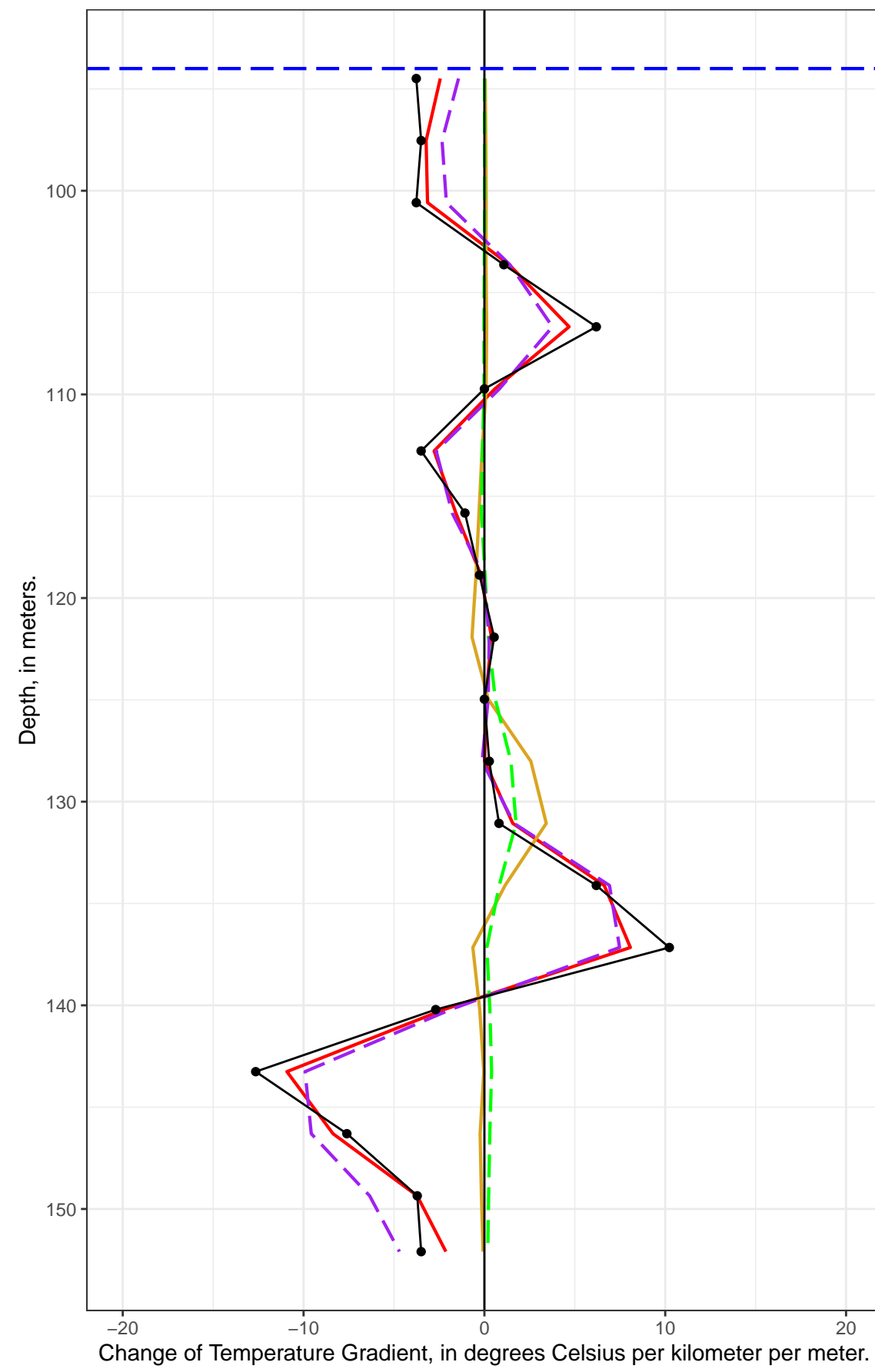
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 166 [H-6-78-1015_KILBOURNE_HOLE] First Derivative



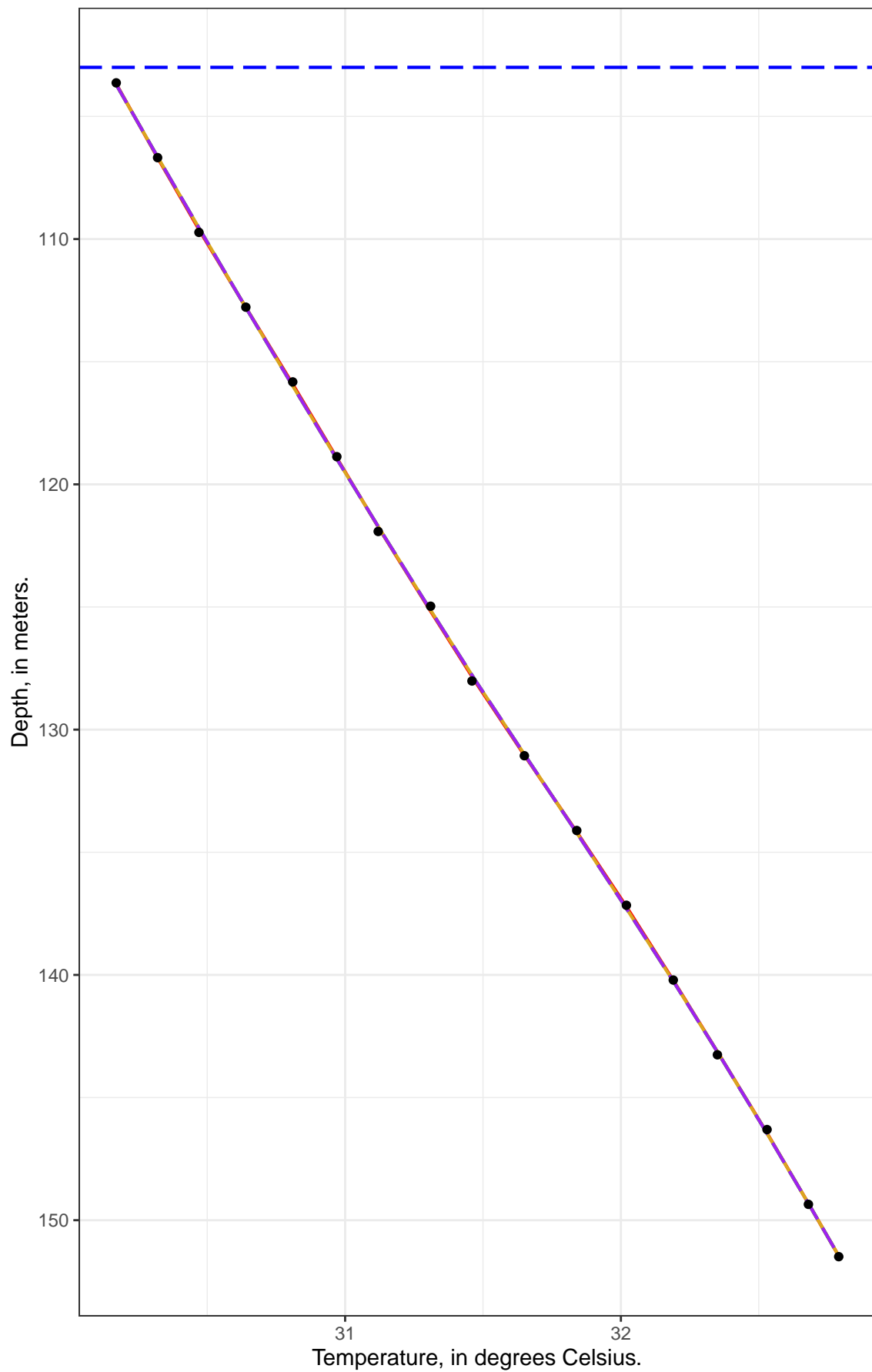
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 166 [H-6-78-1015_KILBOURNE_HOLE] Second Derivative

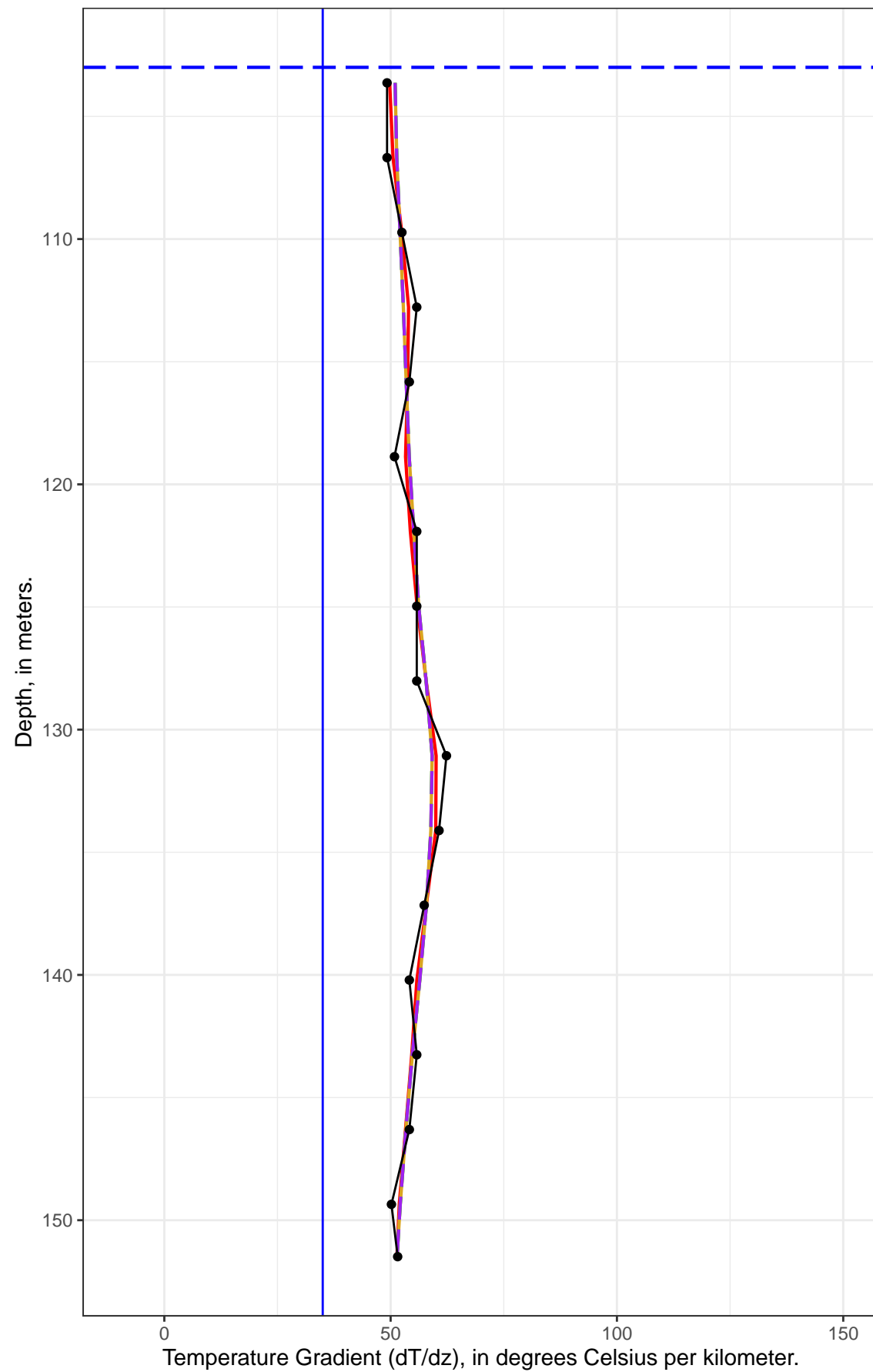


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

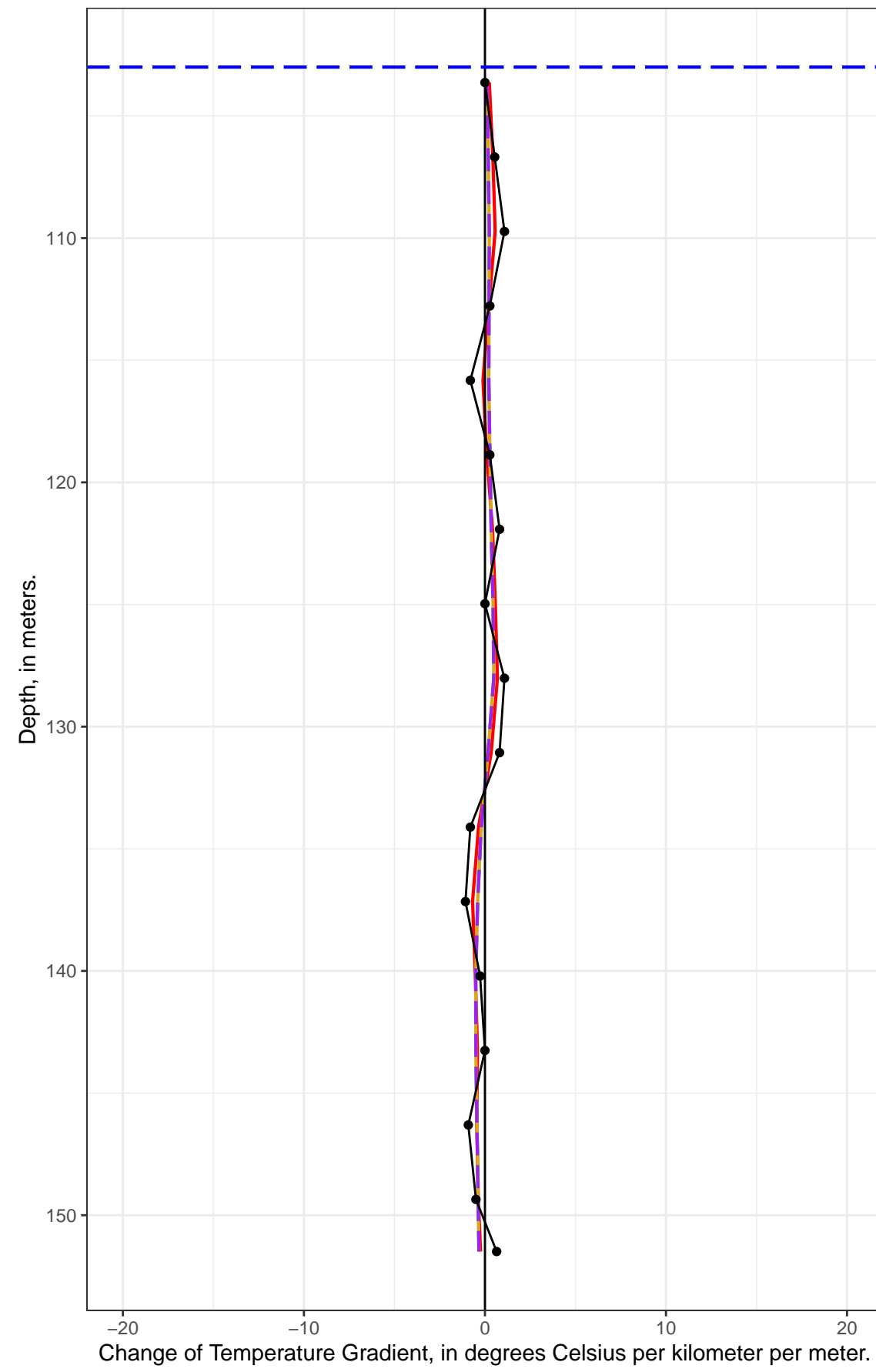
ID: 167 [H-6-78-1016_KILBOURNE_HOLE] Smoothed Profile



ID: 167 [H-6-78-1016_KILBOURNE_HOLE] First Derivative



ID: 167 [H-6-78-1016_KILBOURNE_HOLE] Second Derivative

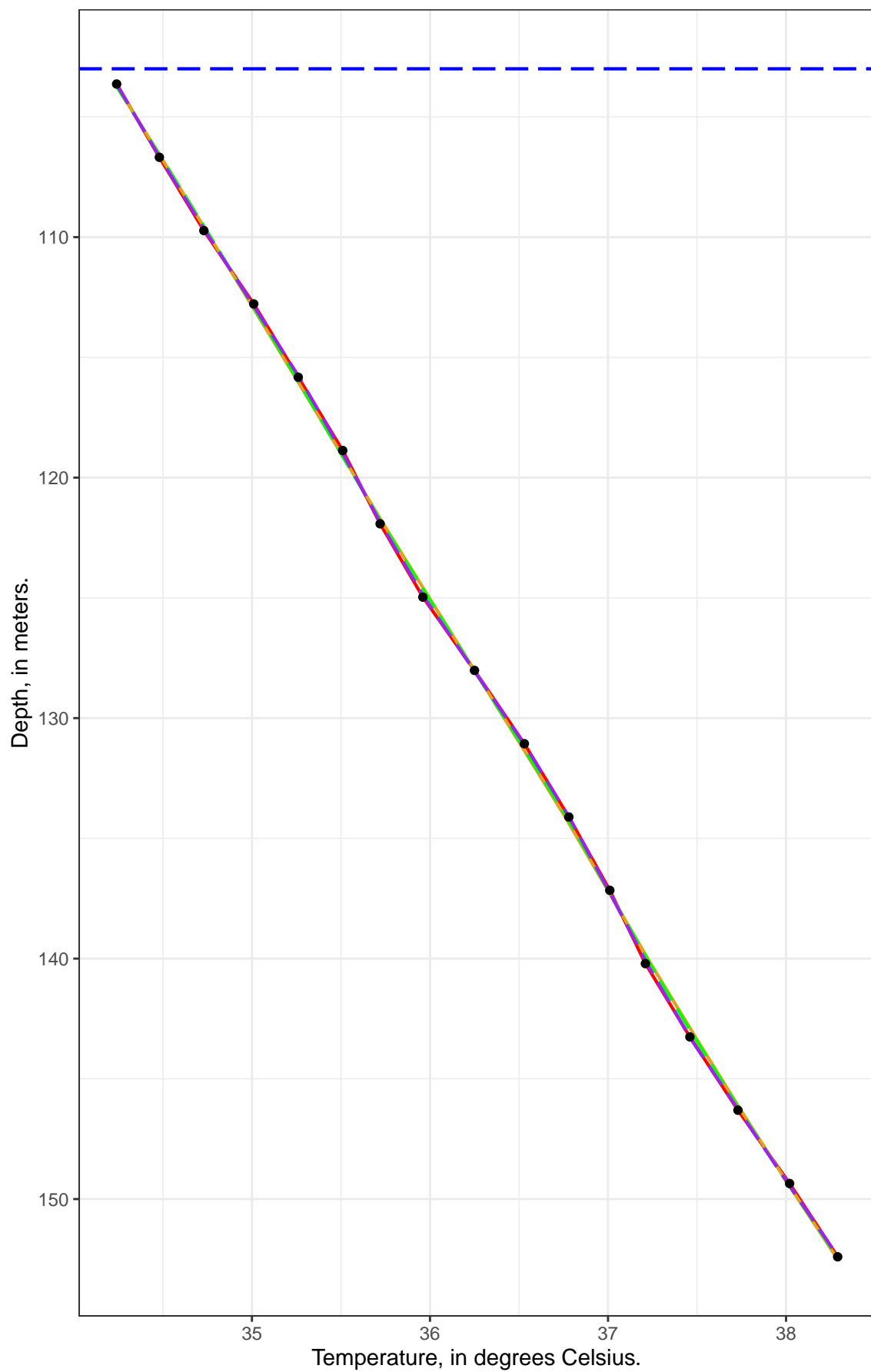


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

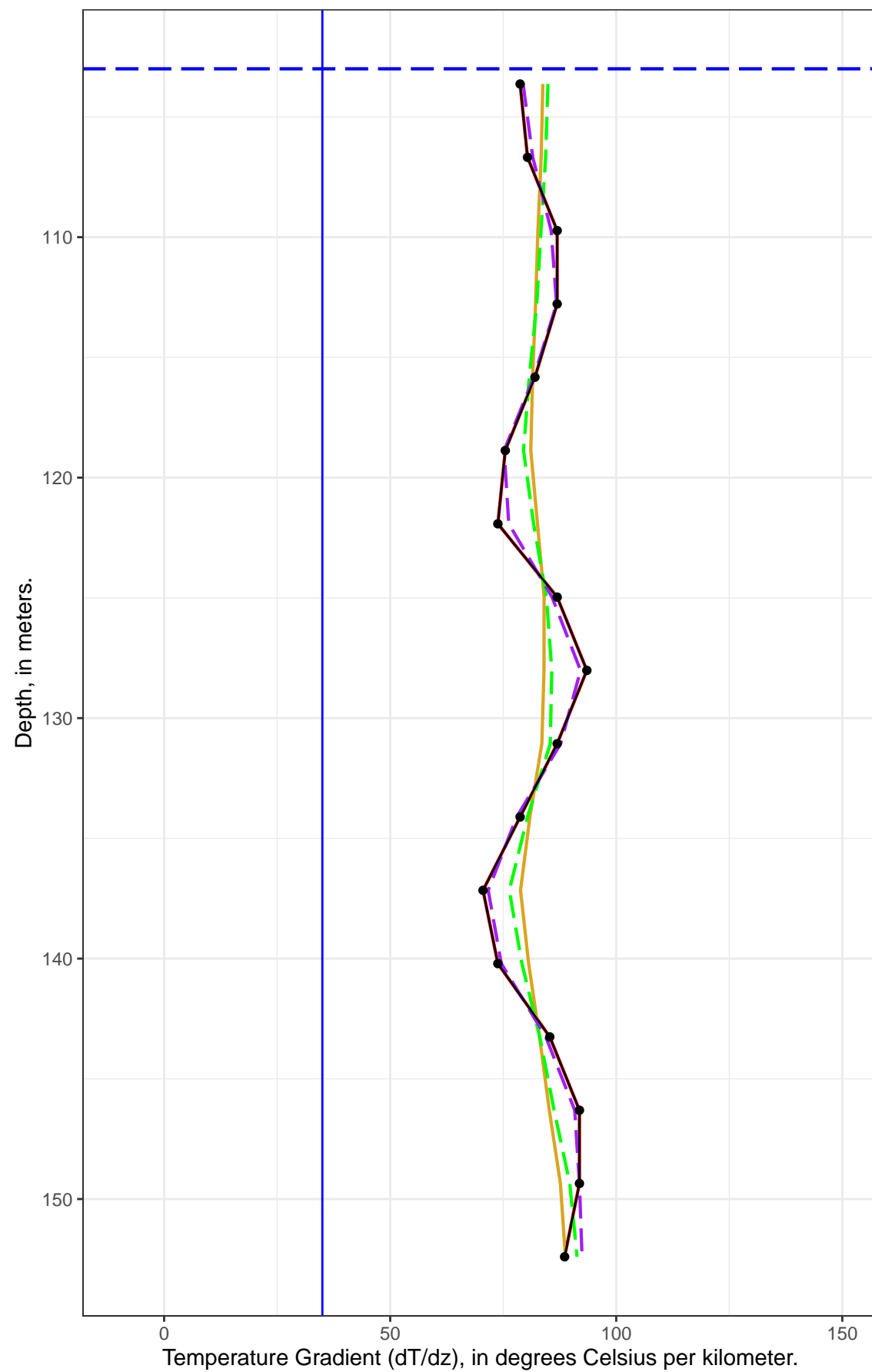
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

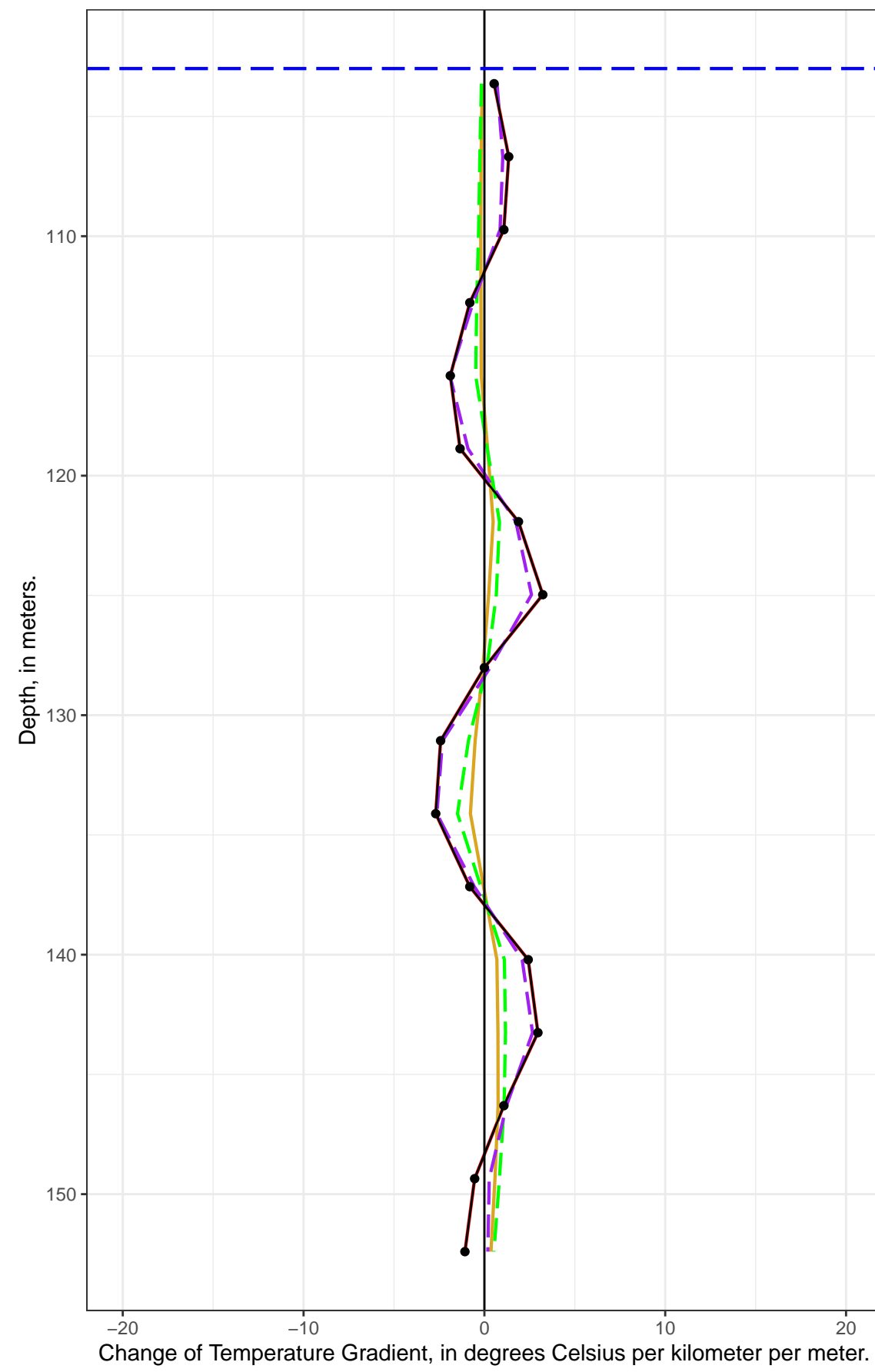
ID: 168 [H-6-78-1017_KILBOURNE_HOLE] Smoothed Profile



ID: 168 [H-6-78-1017_KILBOURNE_HOLE] First Derivative



ID: 168 [H-6-78-1017_KILBOURNE_HOLE] Second Derivative

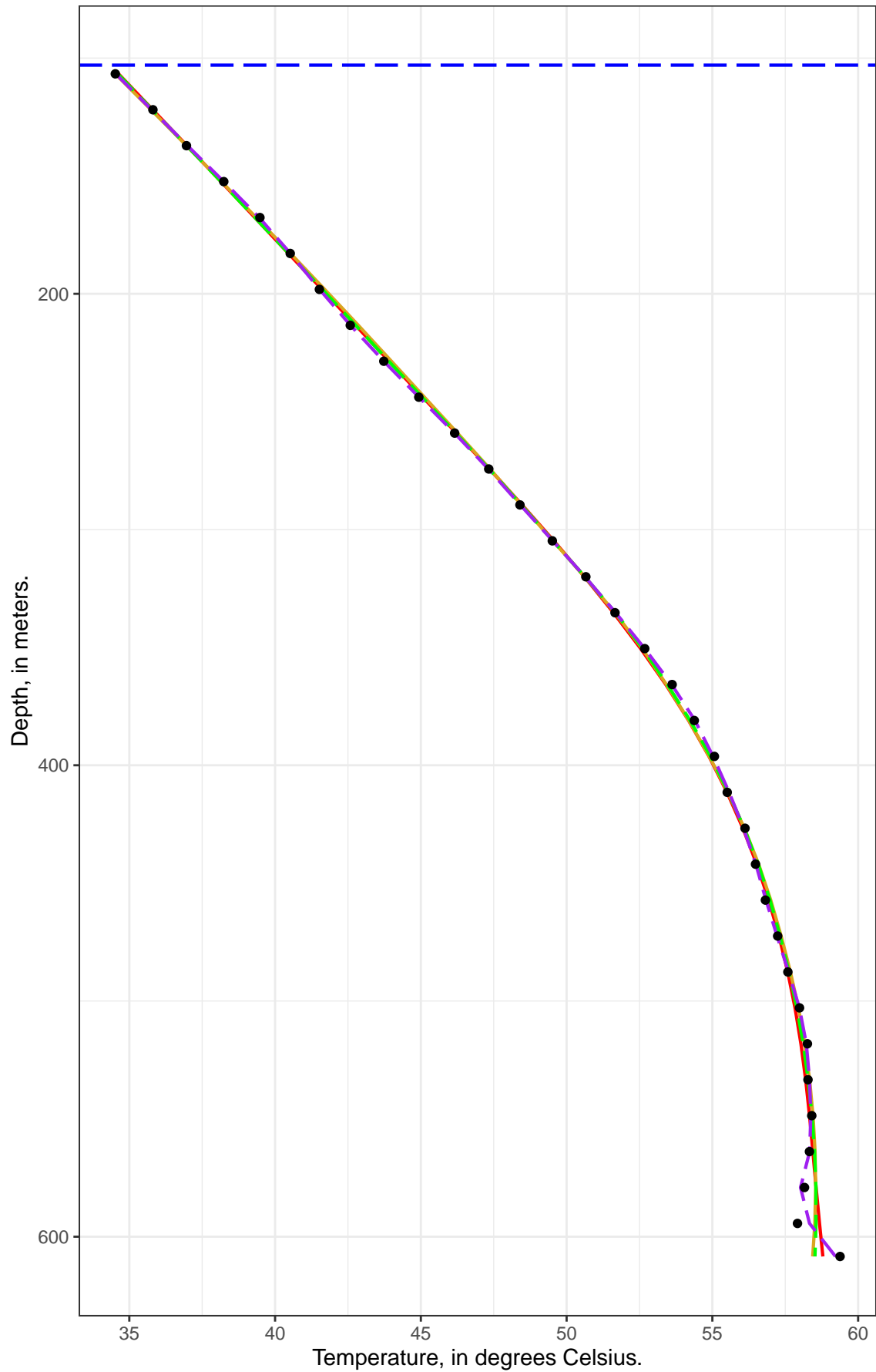


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

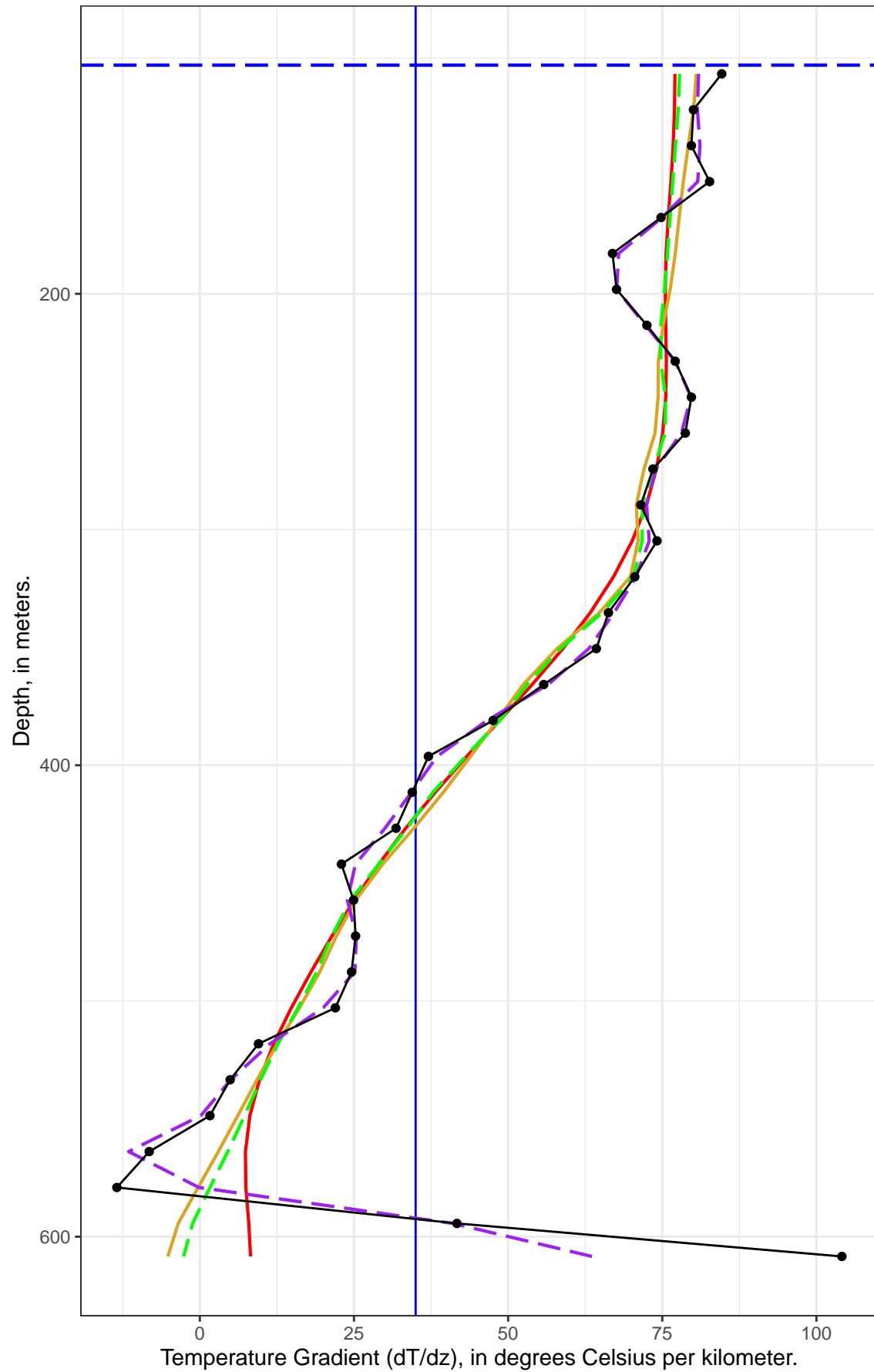
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

ID: 169 [H-6-78-1017A_KILBOURNE_HOLE] Smoothed Profile



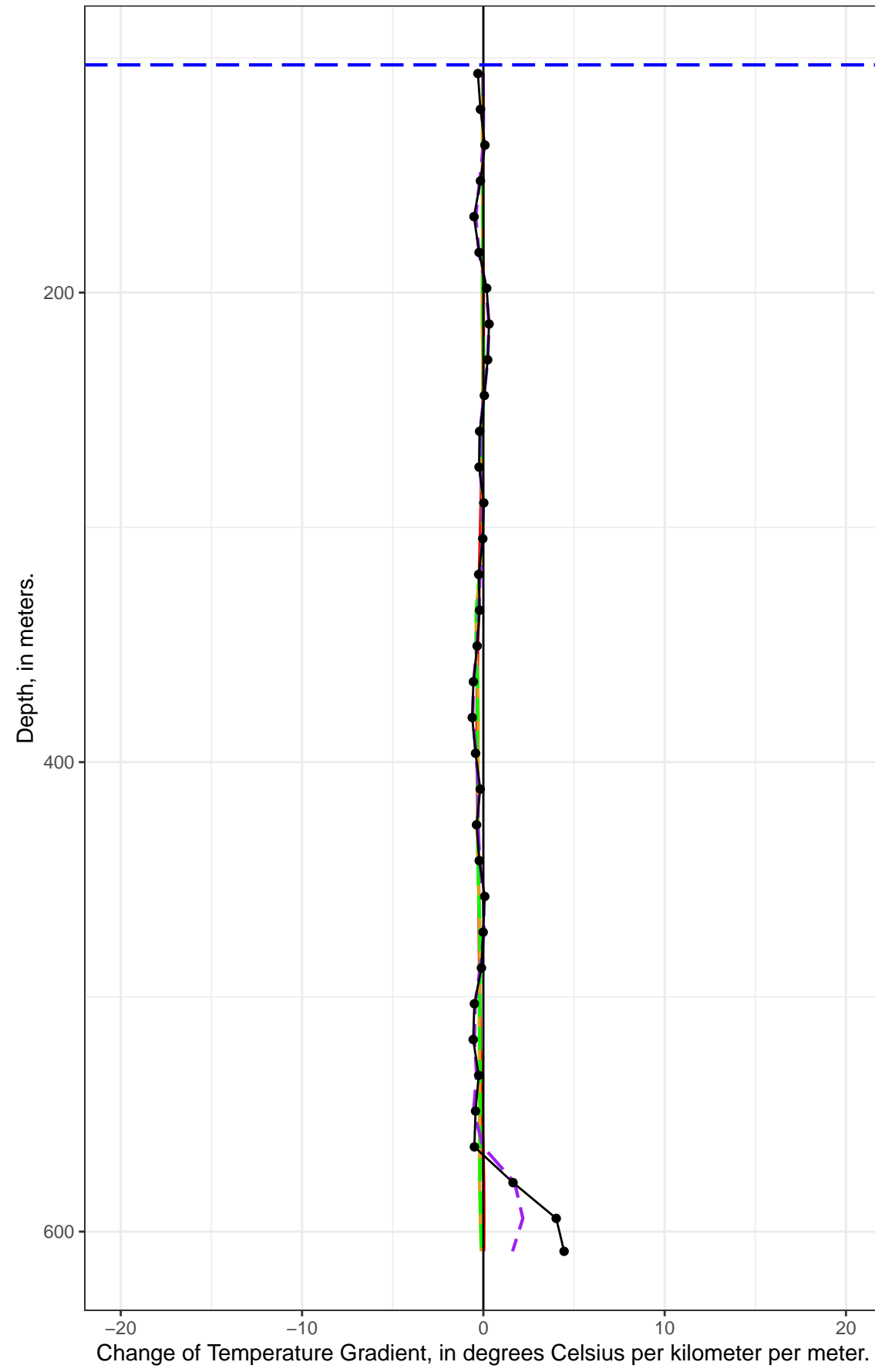
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 169 [H-6-78-1017A_KILBOURNE_HOLE] First Derivative



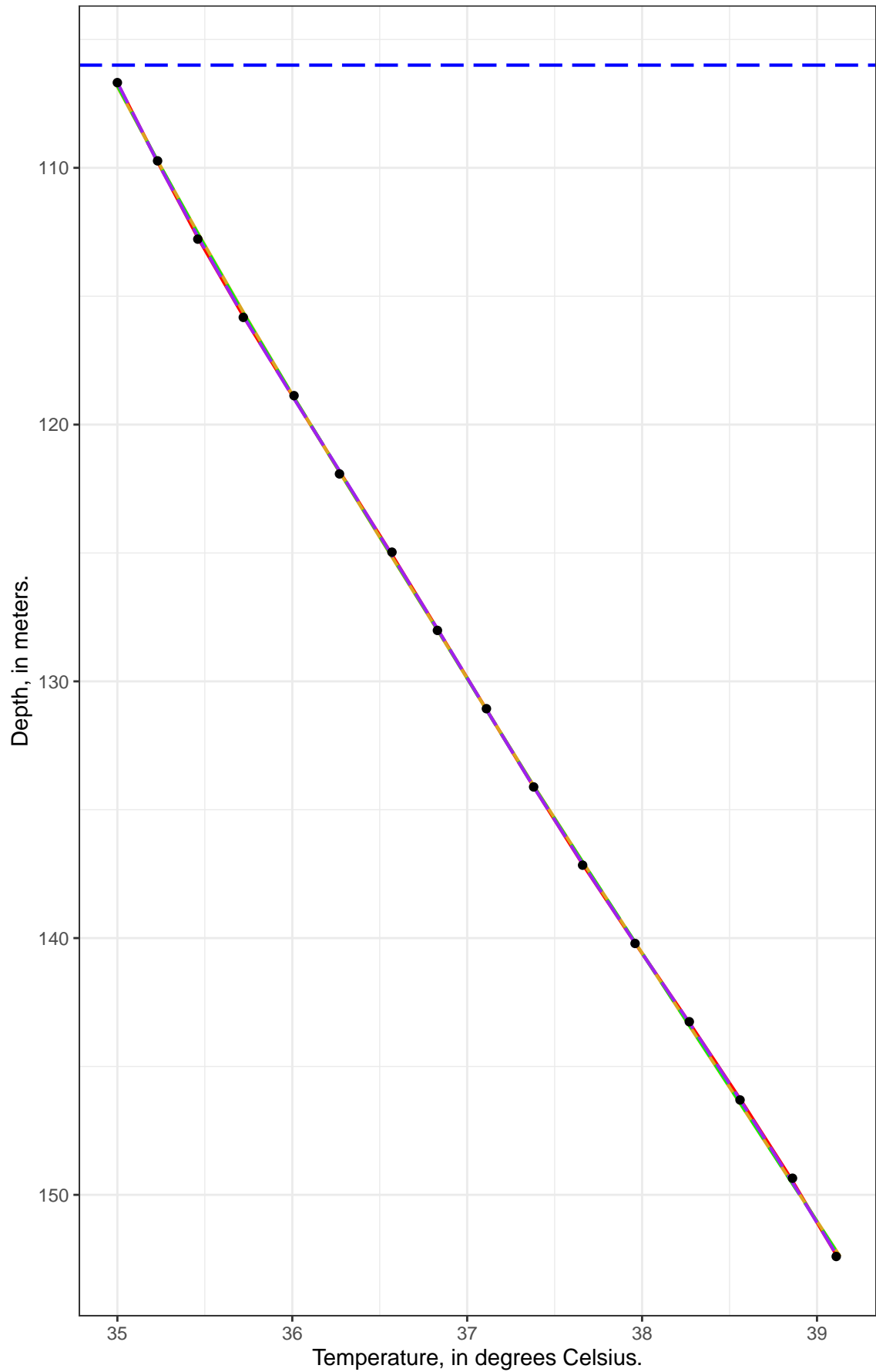
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 169 [H-6-78-1017A_KILBOURNE_HOLE] Second Derivative

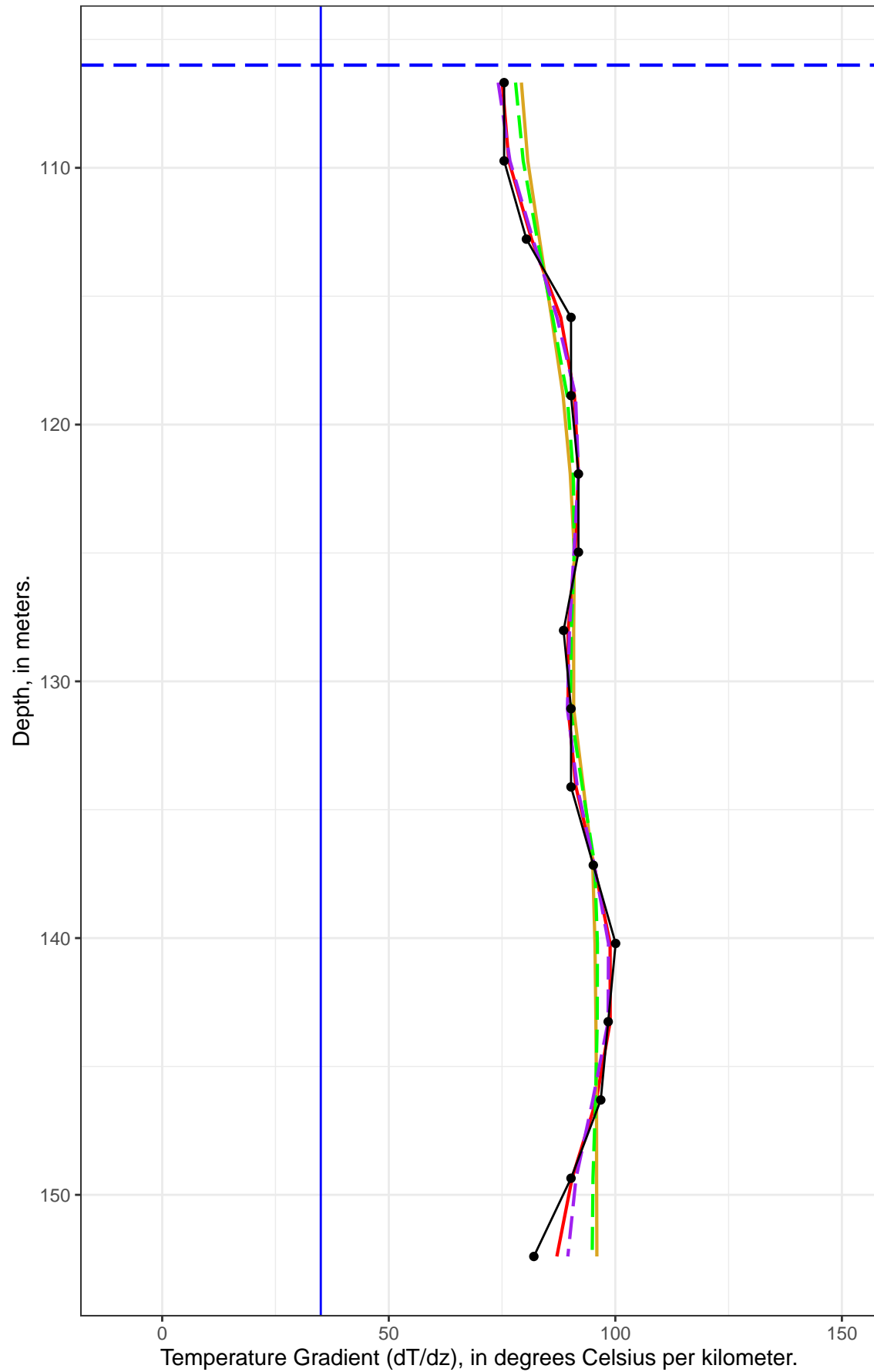


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

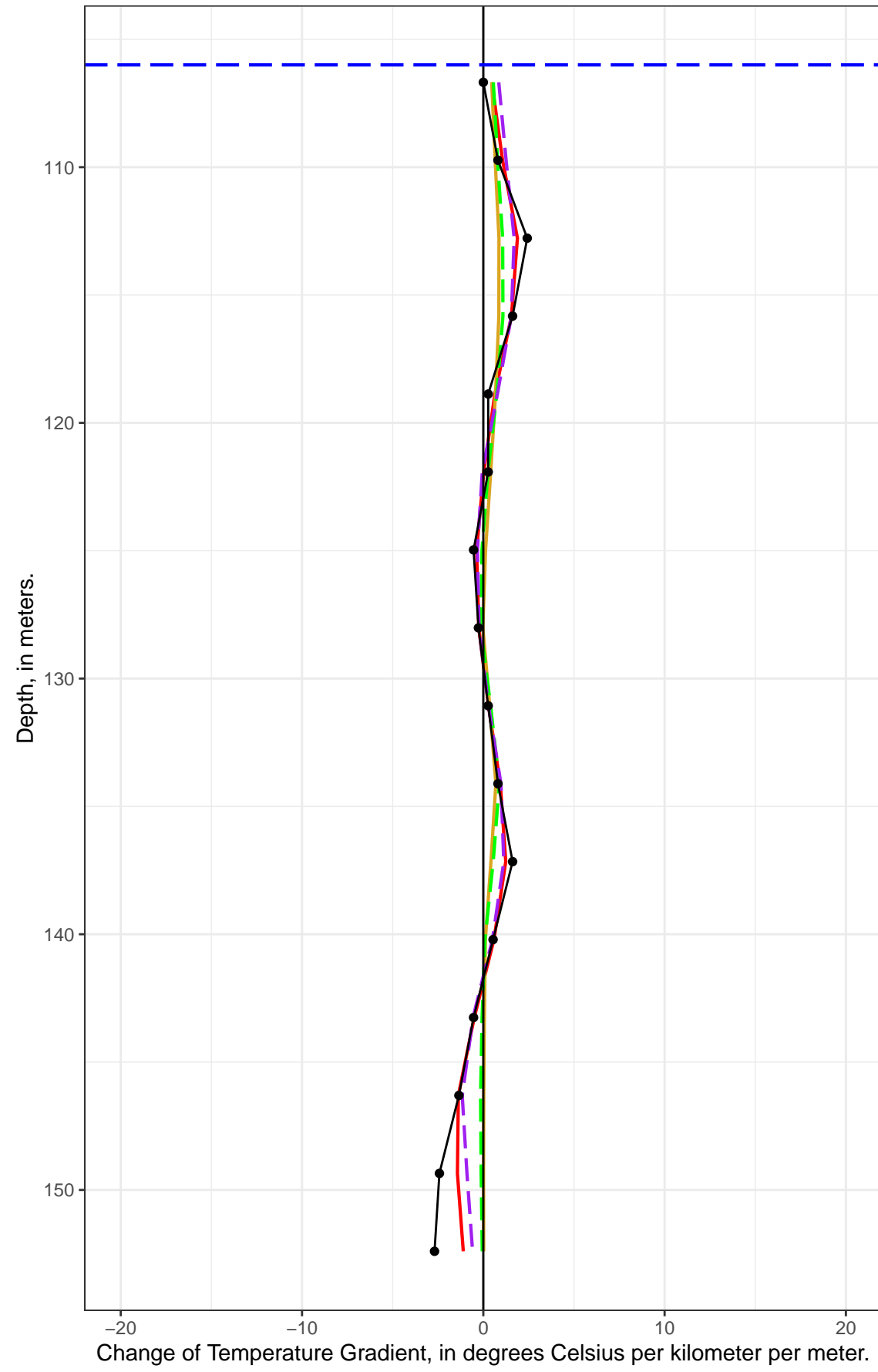
ID: 170 [H-6-78-1018_KILBOURNE_HOLE] Smoothed Profile



ID: 170 [H-6-78-1018_KILBOURNE_HOLE] First Derivative



ID: 170 [H-6-78-1018_KILBOURNE_HOLE] Second Derivative

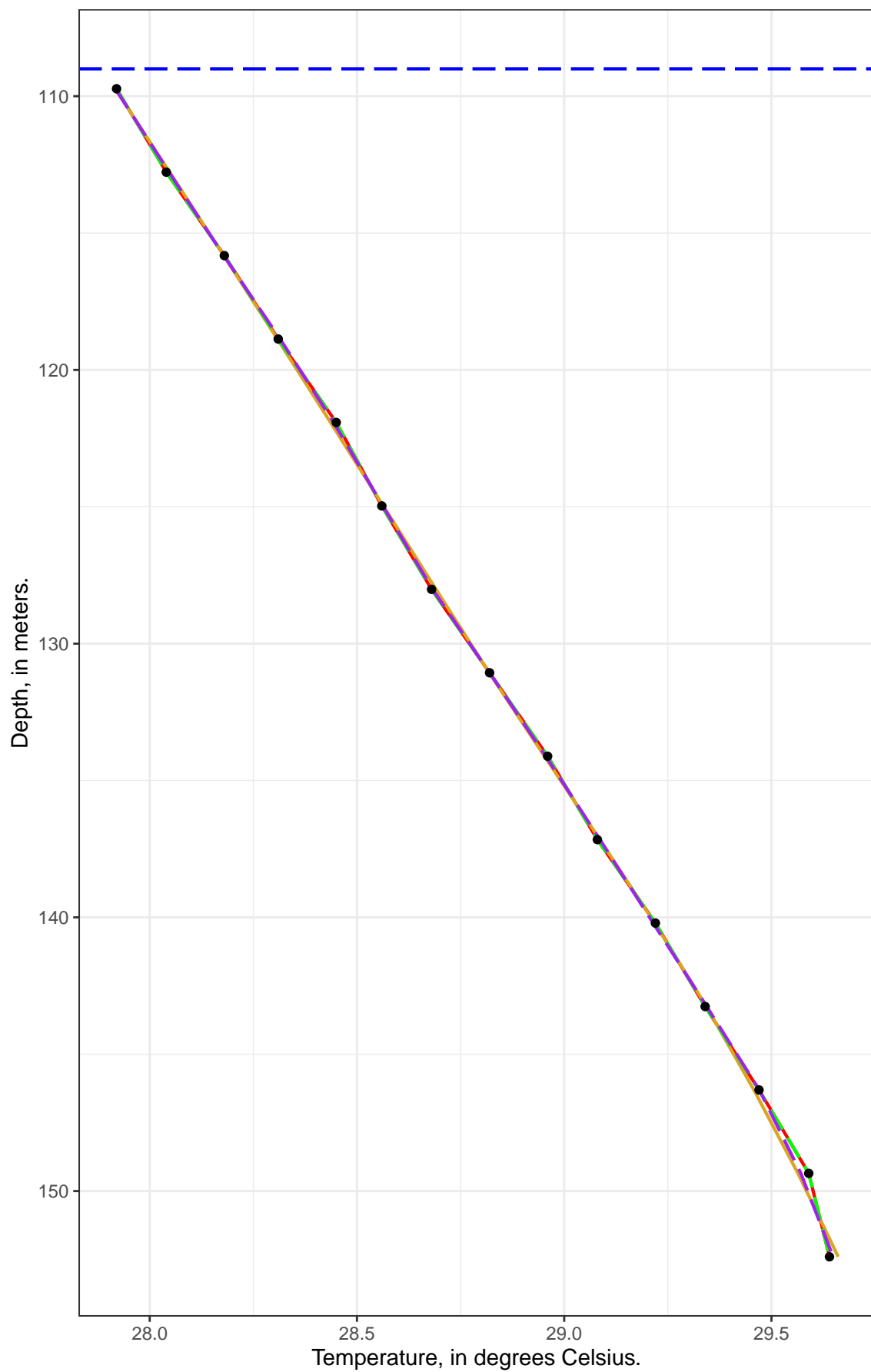


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

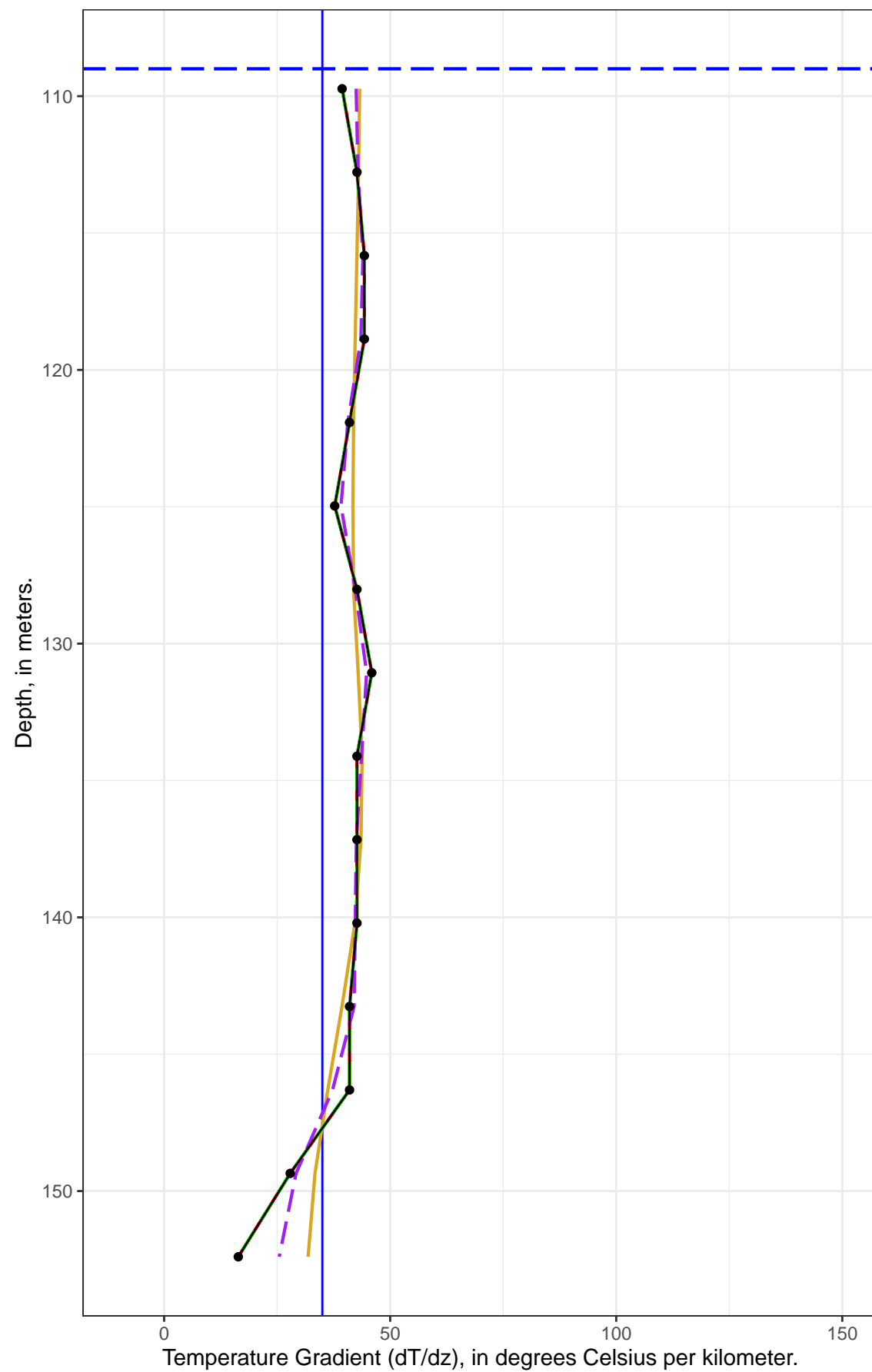
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

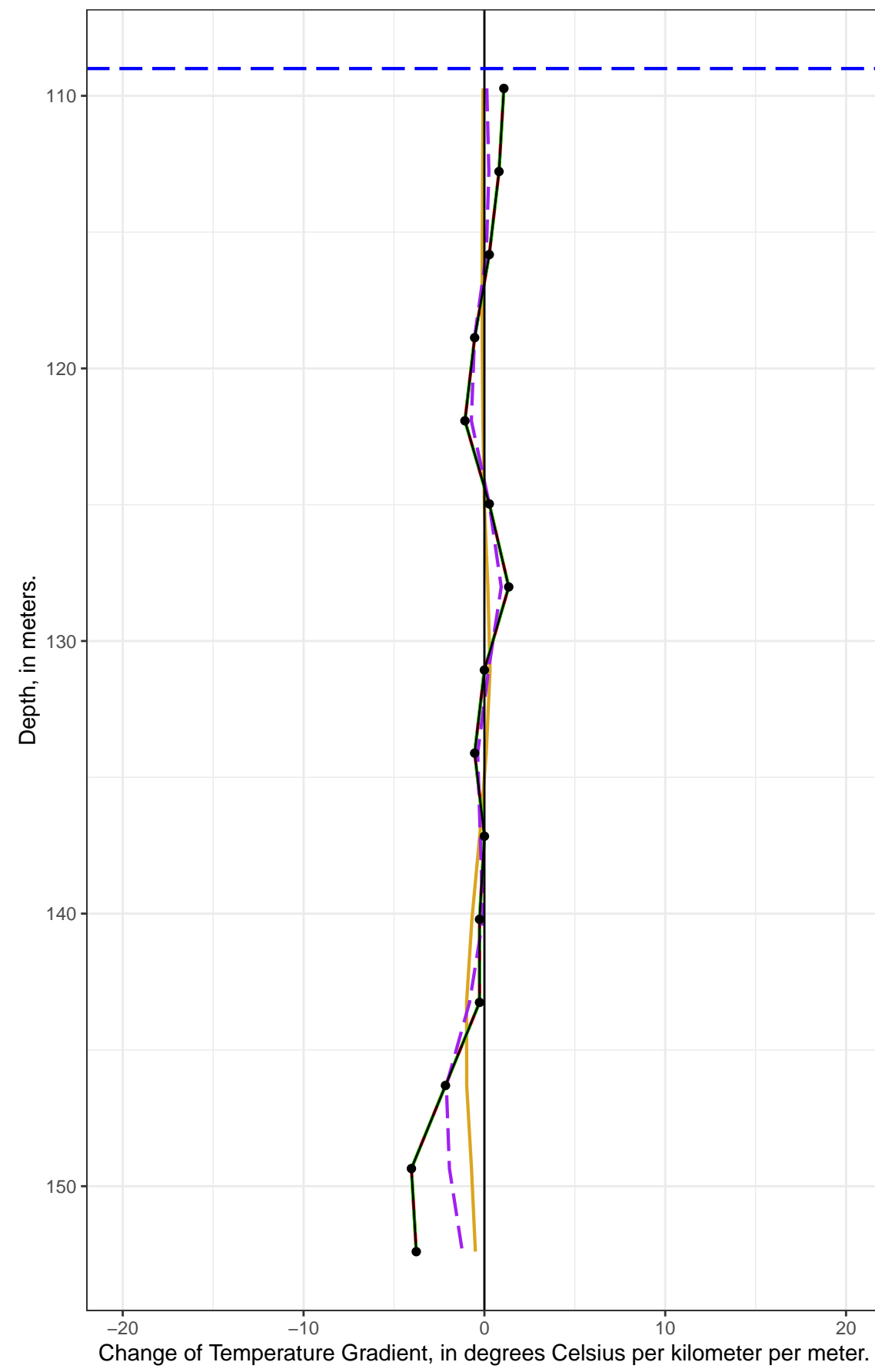
ID: 171 [H-6-78-1019_KILBOURNE_HOLE] Smoothed Profile



ID: 171 [H-6-78-1019_KILBOURNE_HOLE] First Derivative



ID: 171 [H-6-78-1019_KILBOURNE_HOLE] Second Derivative

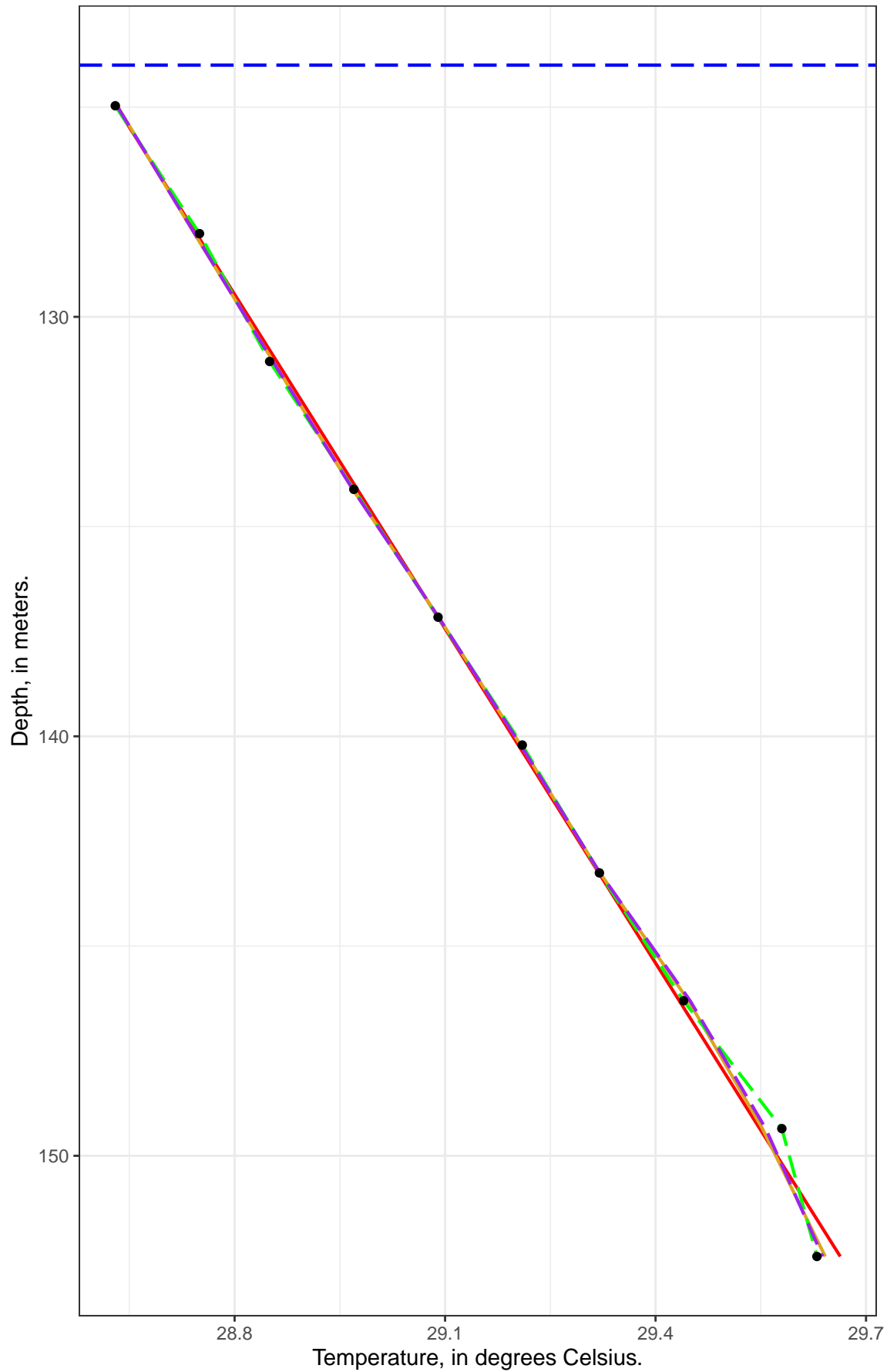


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

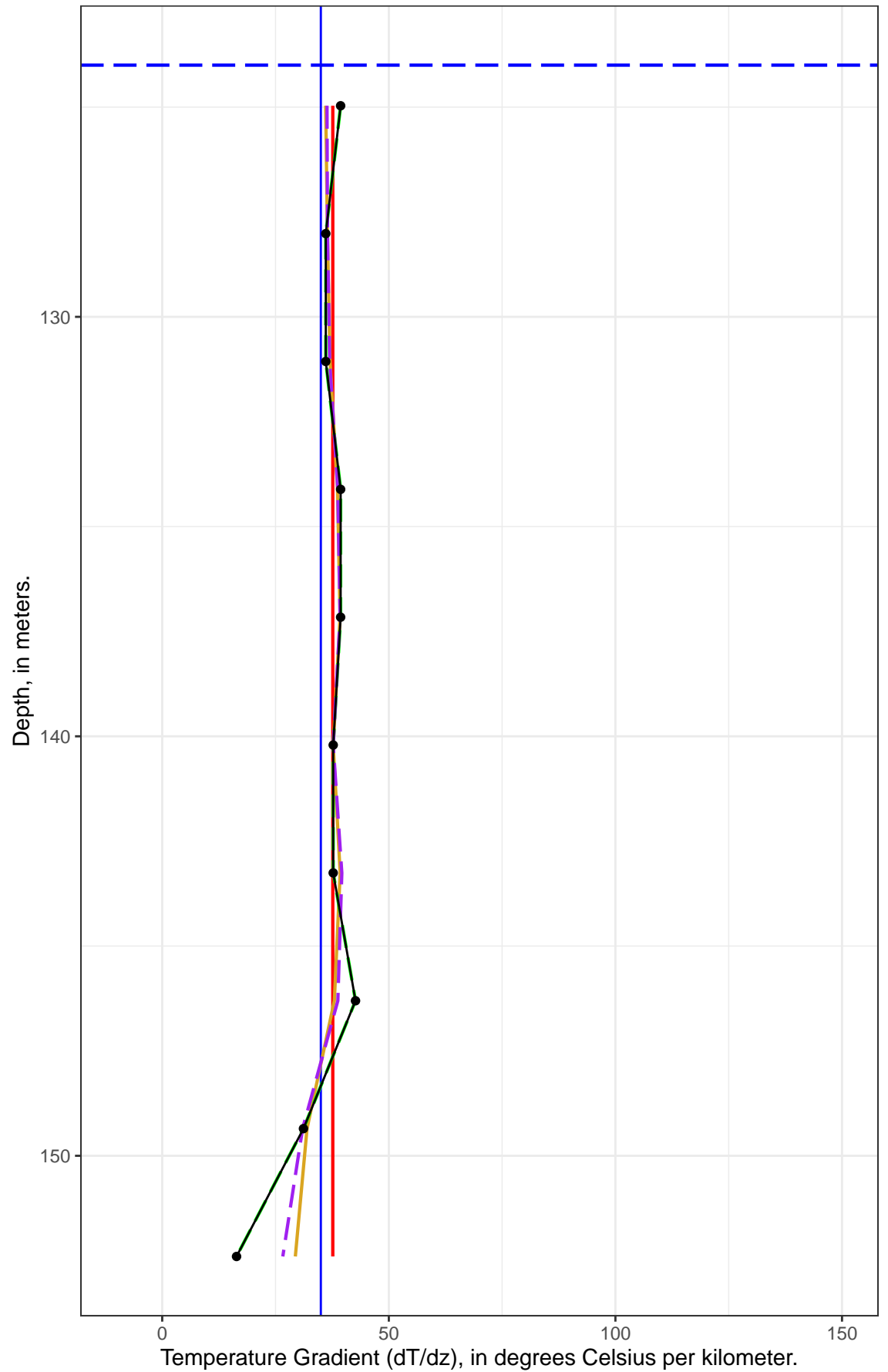
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

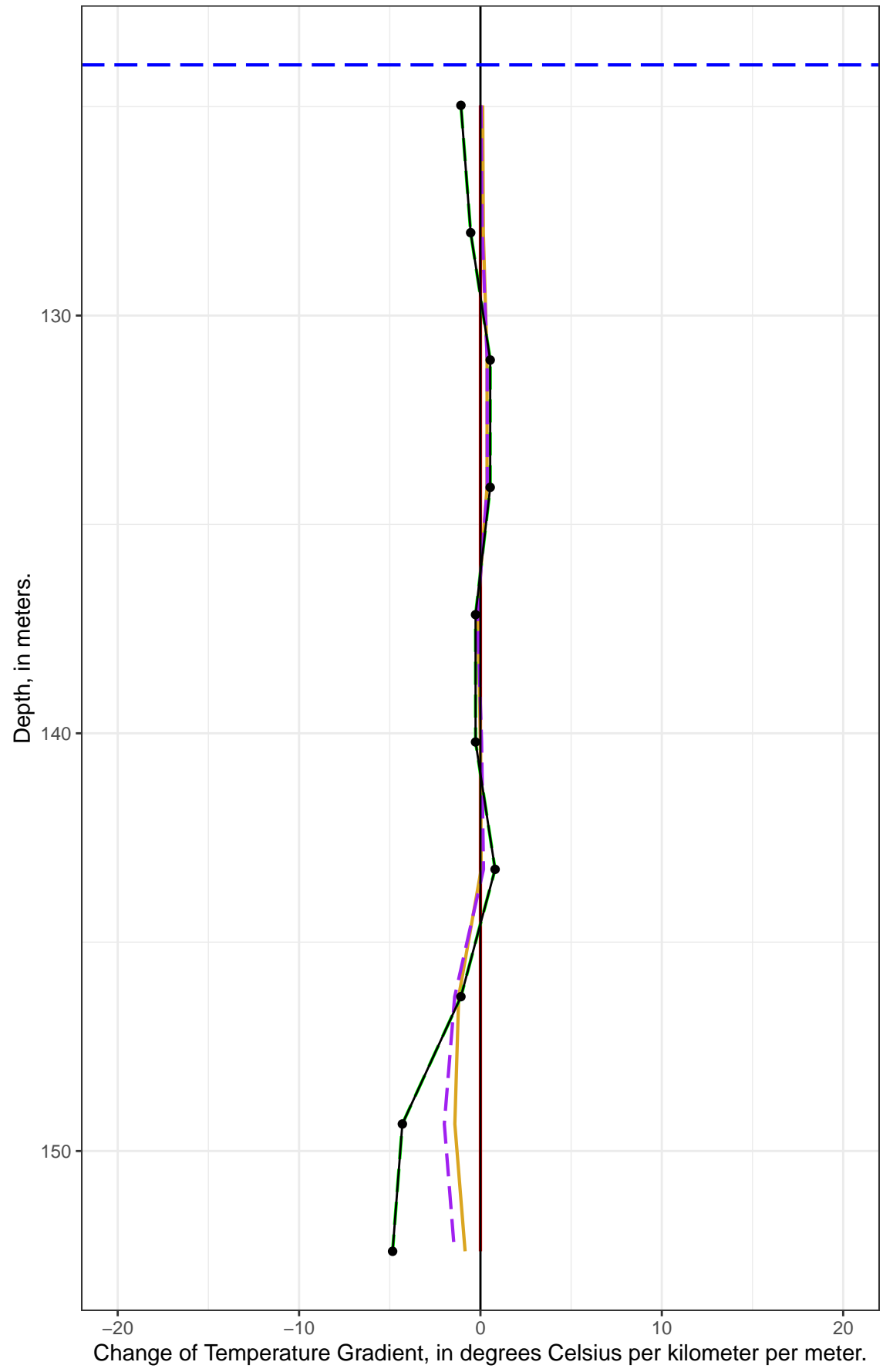
ID: 172 [H-6-78-1020_KILBOURNE_HOLE] Smoothed Profile



ID: 172 [H-6-78-1020_KILBOURNE_HOLE] First Derivative



ID: 172 [H-6-78-1020_KILBOURNE_HOLE] Second Derivative

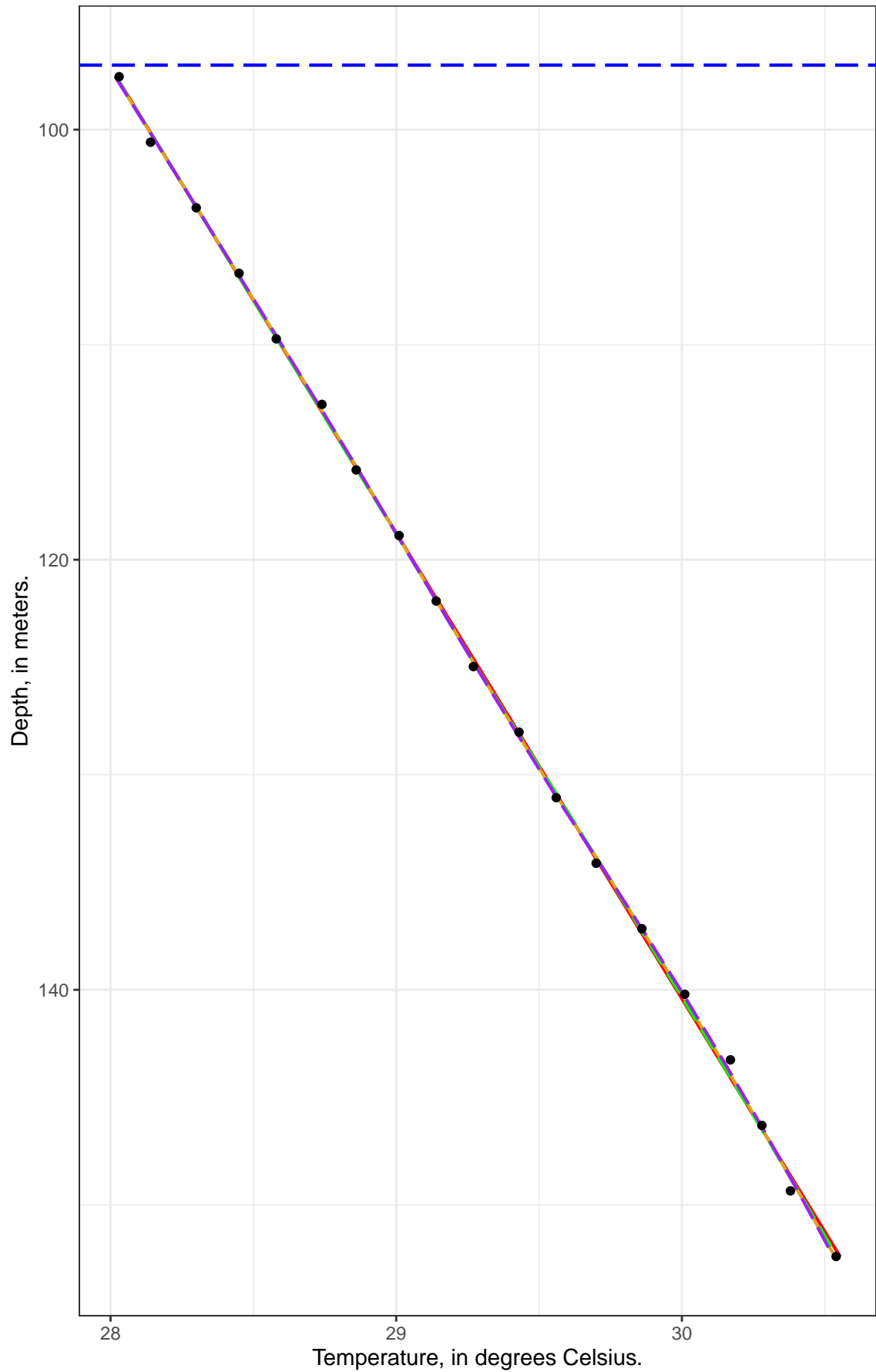


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

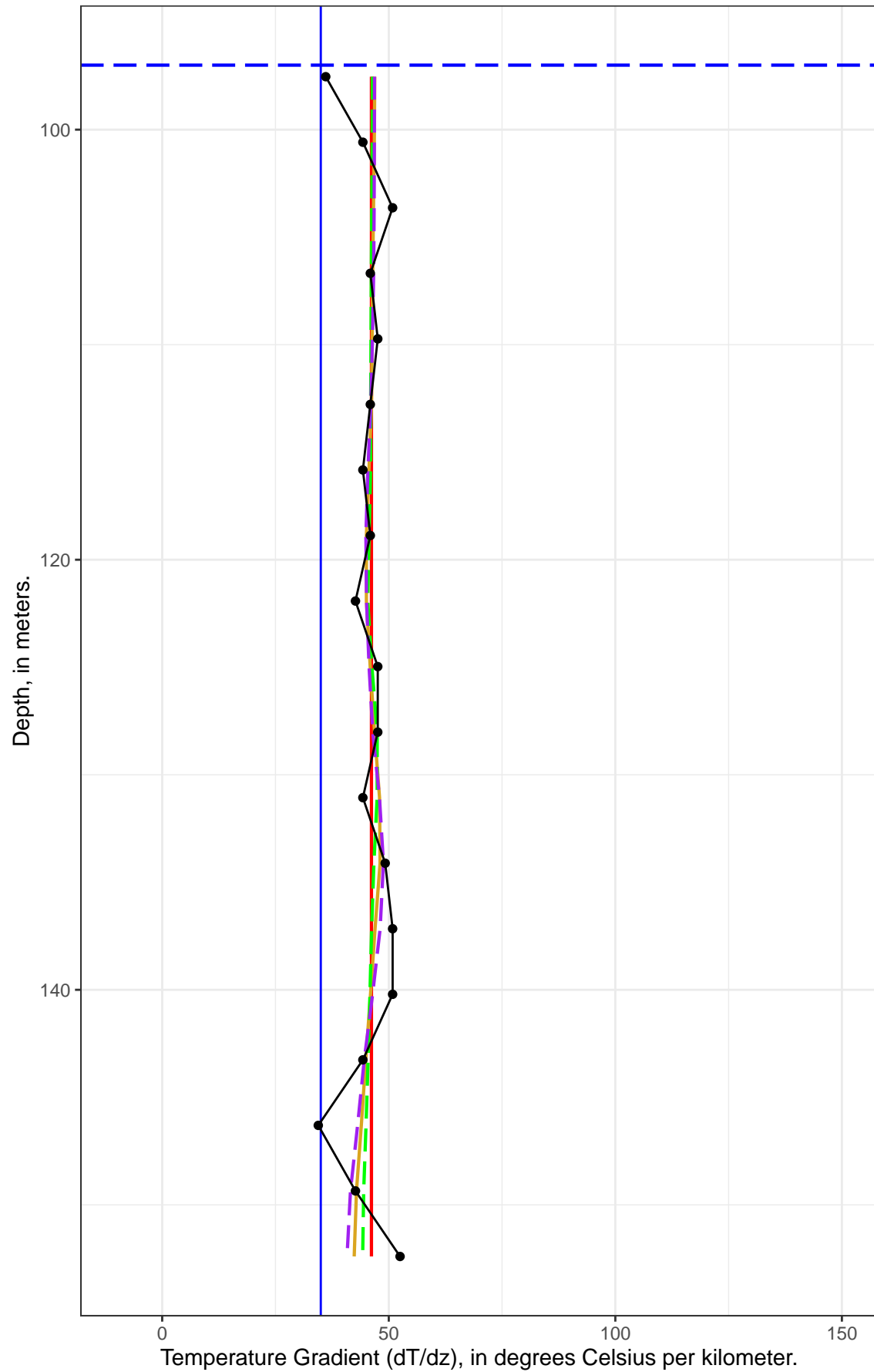
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

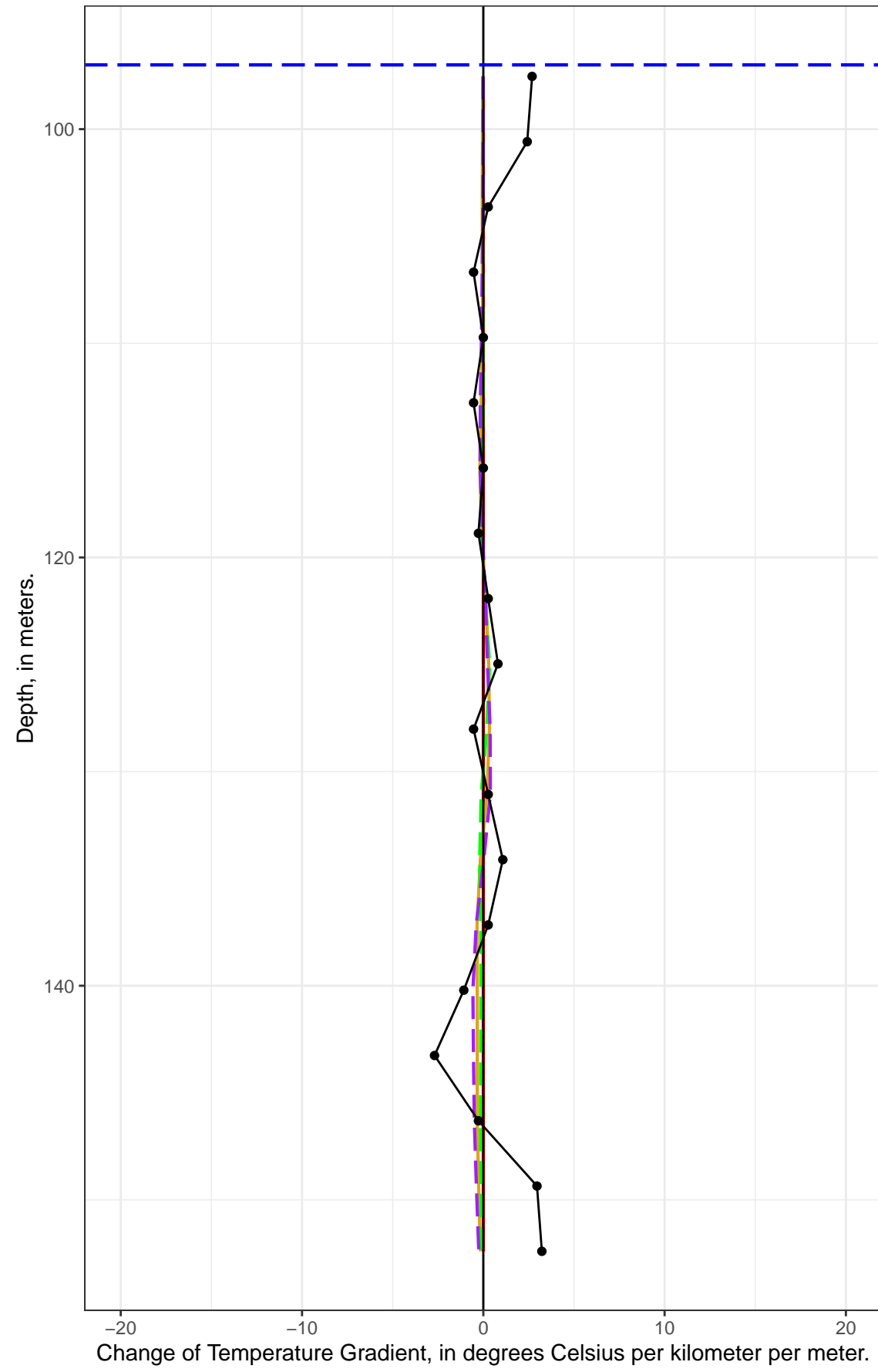
ID: 173 [H-6-78-1021_KILBOURNE_HOLE] Smoothed Profile



ID: 173 [H-6-78-1021_KILBOURNE_HOLE] First Derivative



ID: 173 [H-6-78-1021_KILBOURNE_HOLE] Second Derivative

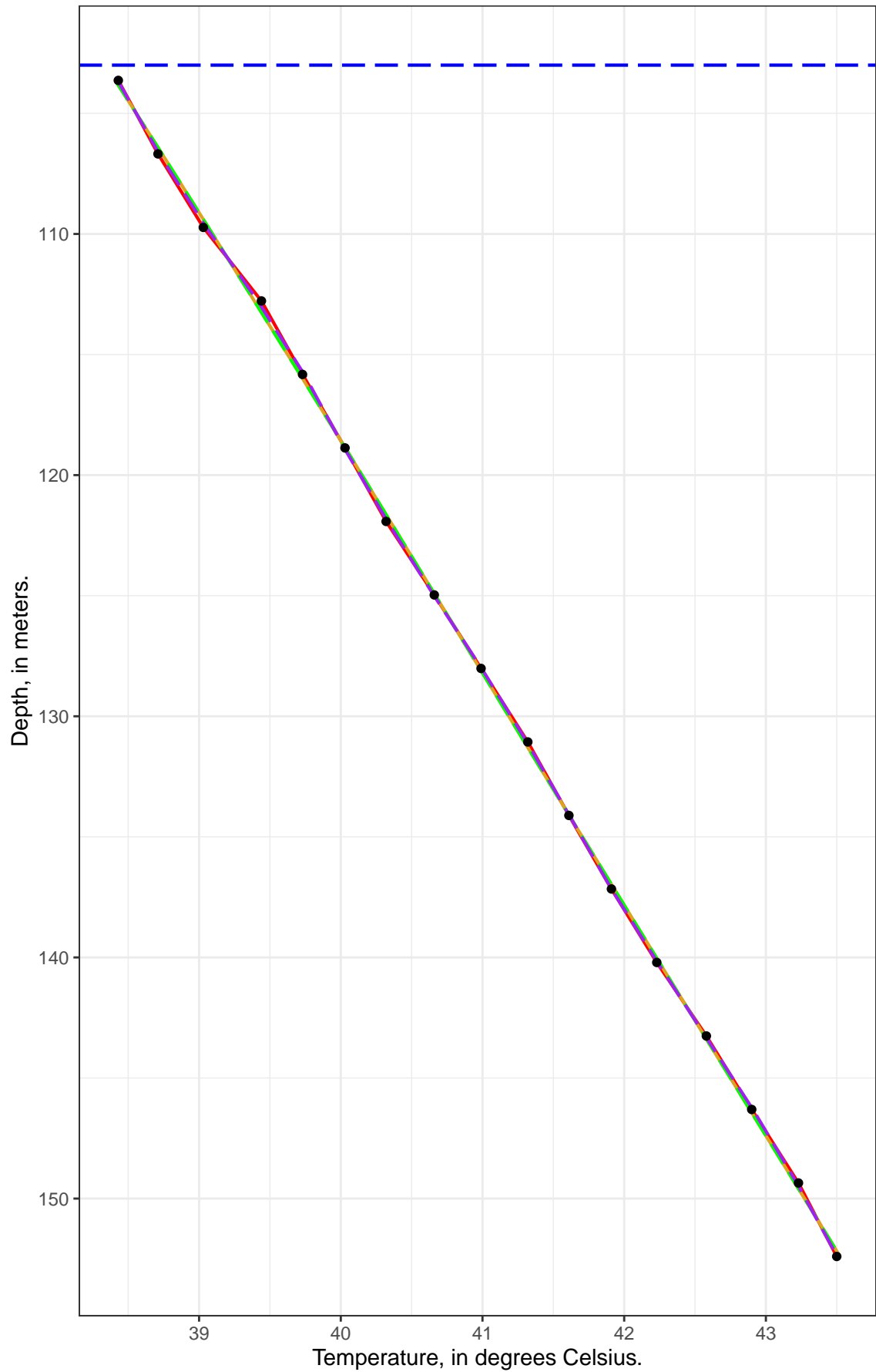


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

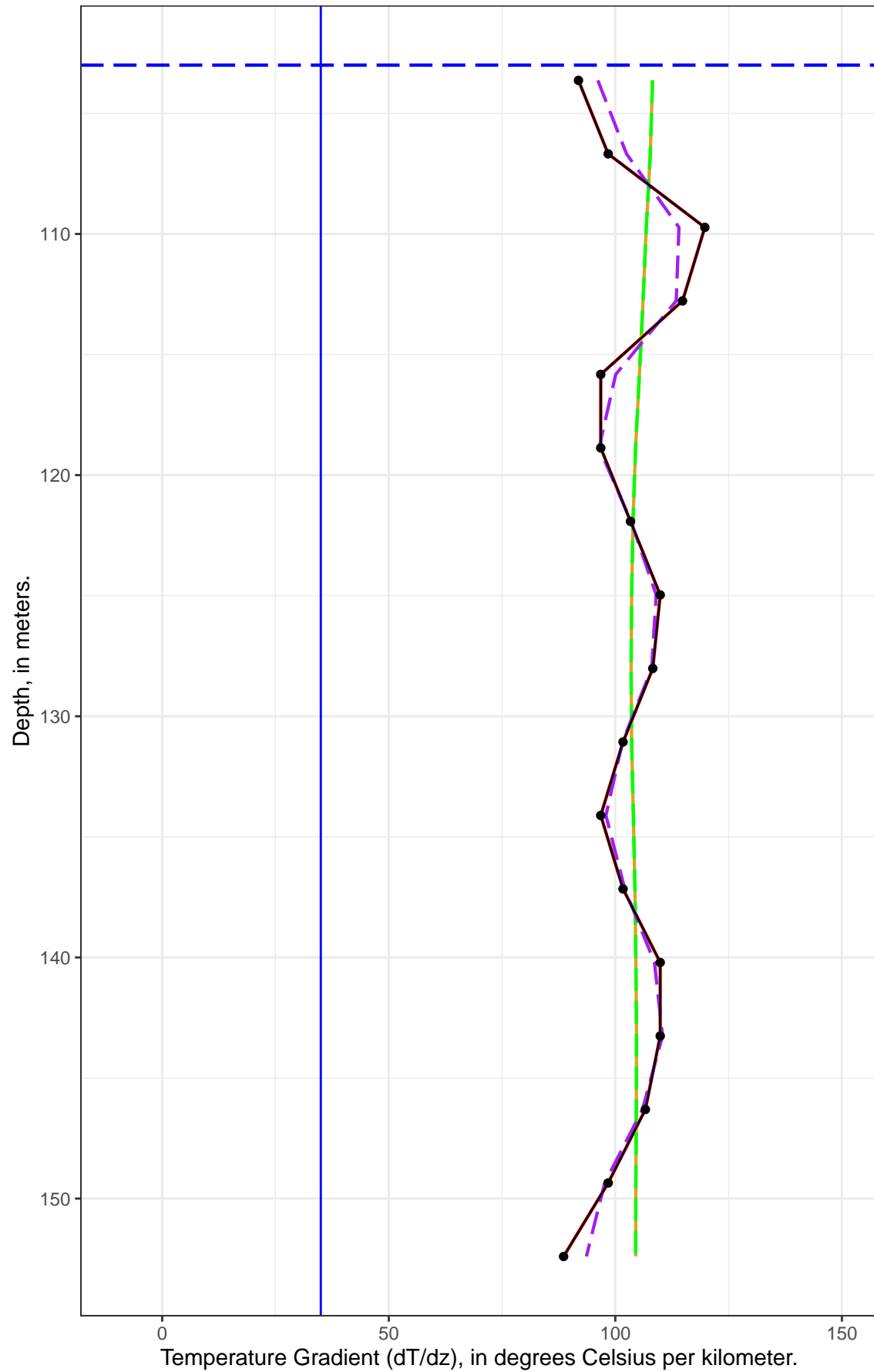
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

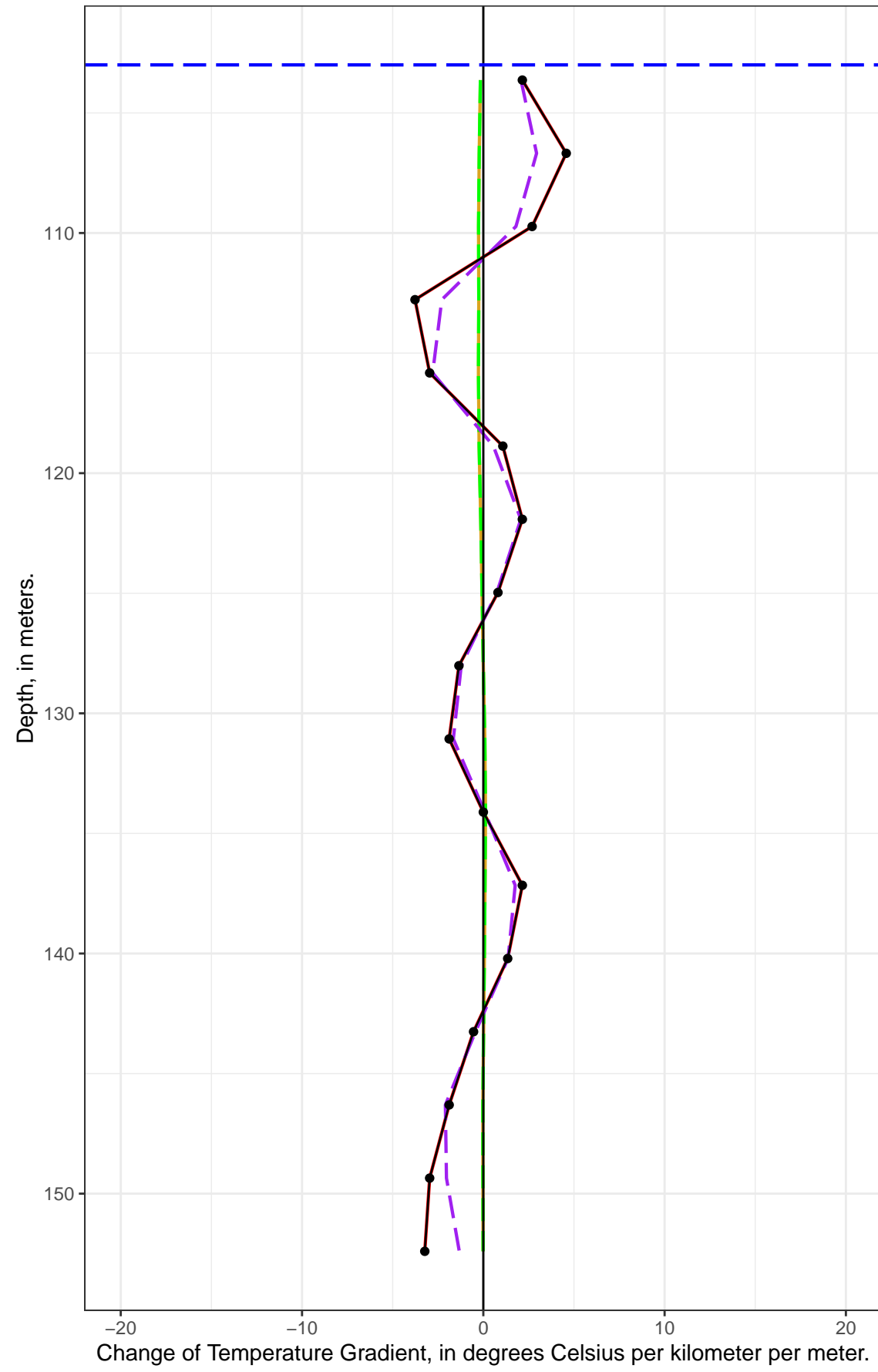
ID: 174 [H-6-78-1023_KILBOURNE_HOLE] Smoothed Profile



ID: 174 [H-6-78-1023_KILBOURNE_HOLE] First Derivative



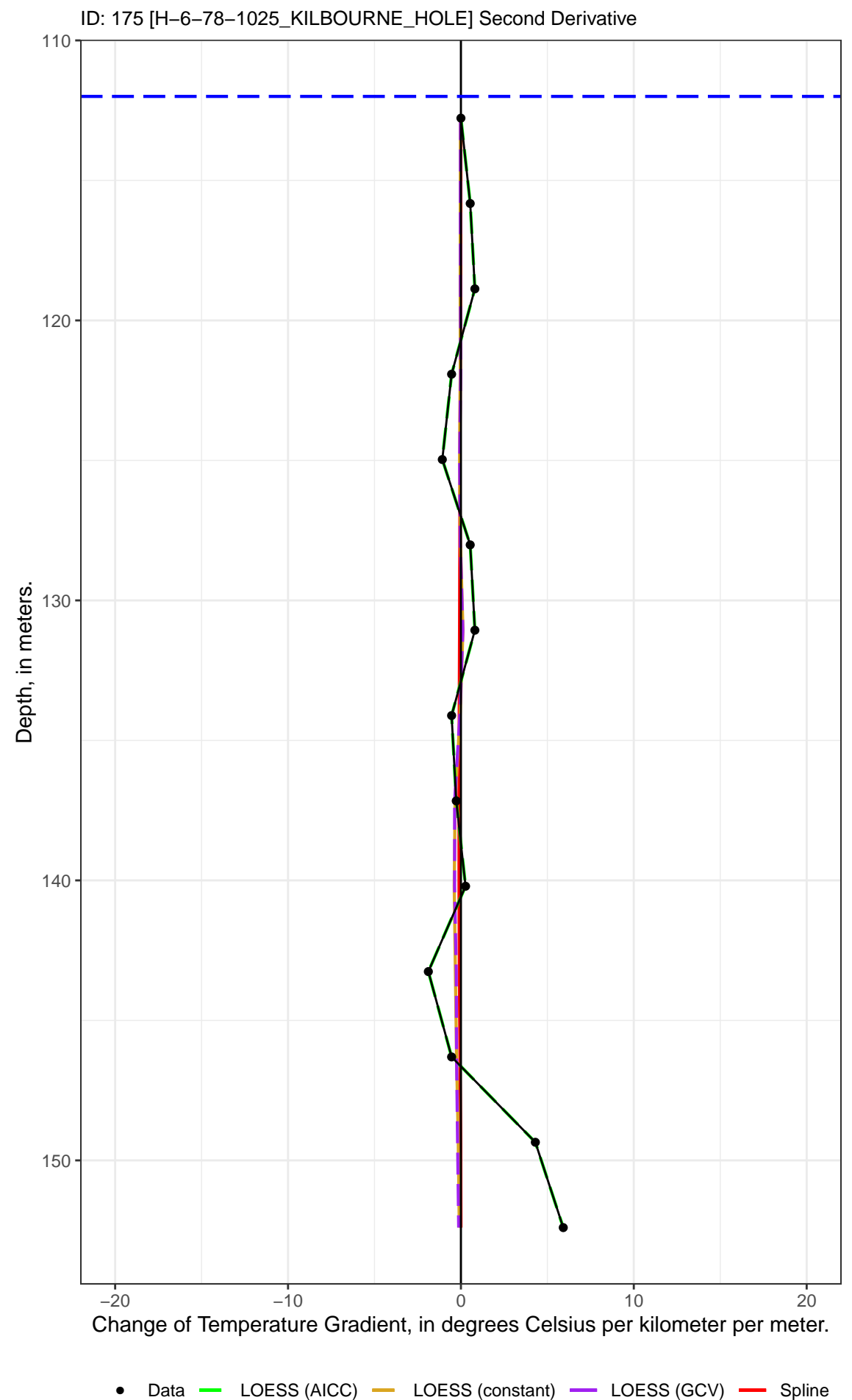
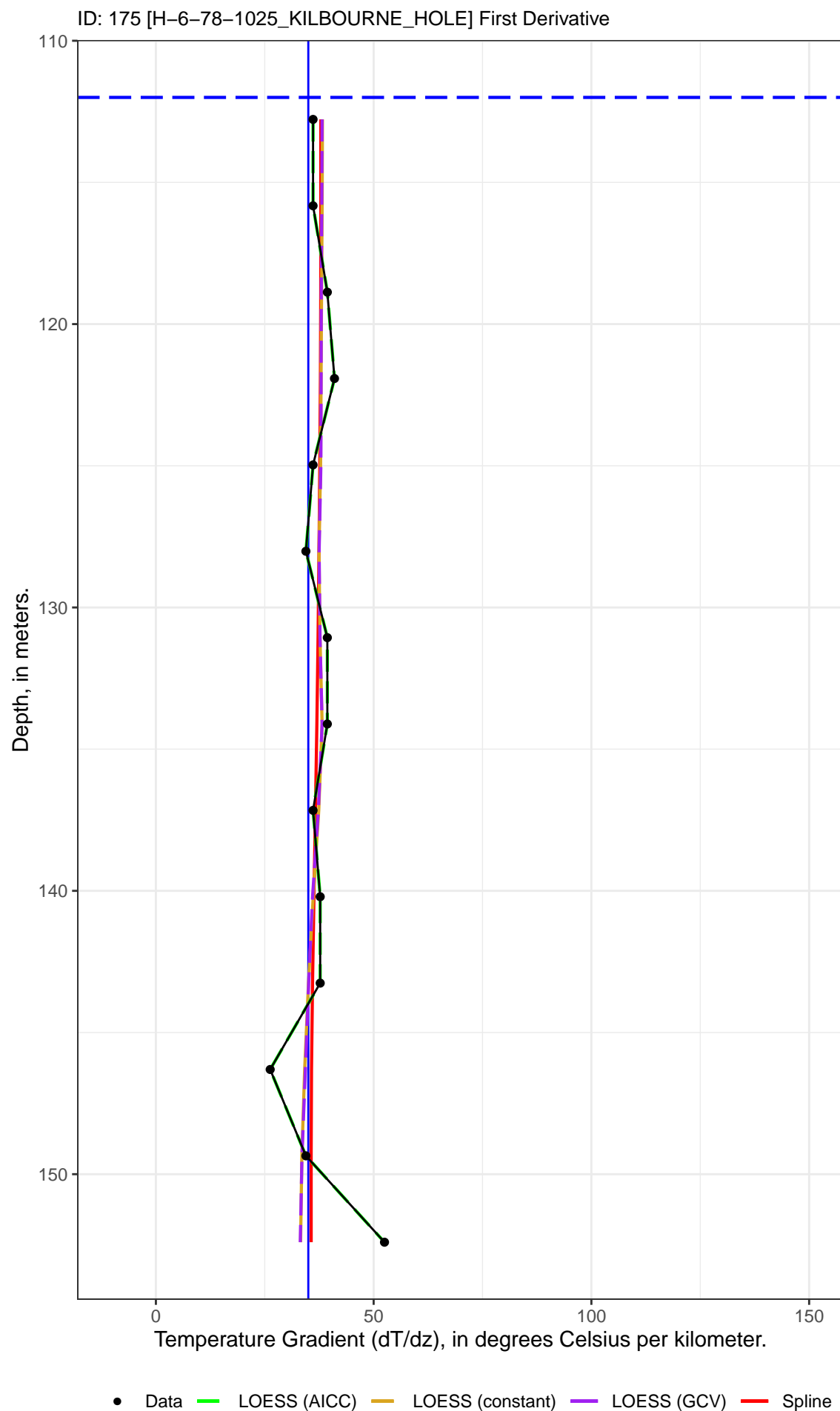
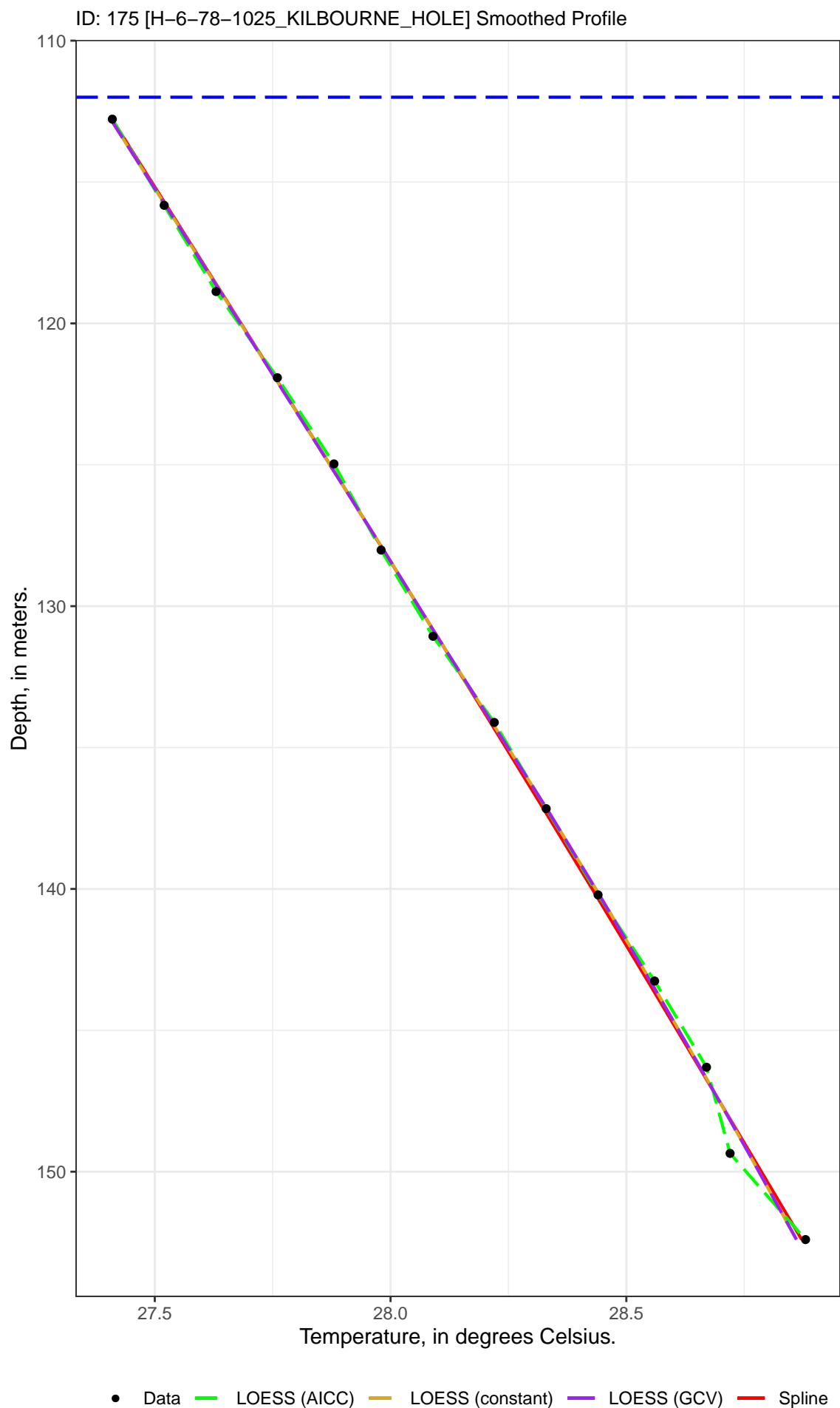
ID: 174 [H-6-78-1023_KILBOURNE_HOLE] Second Derivative



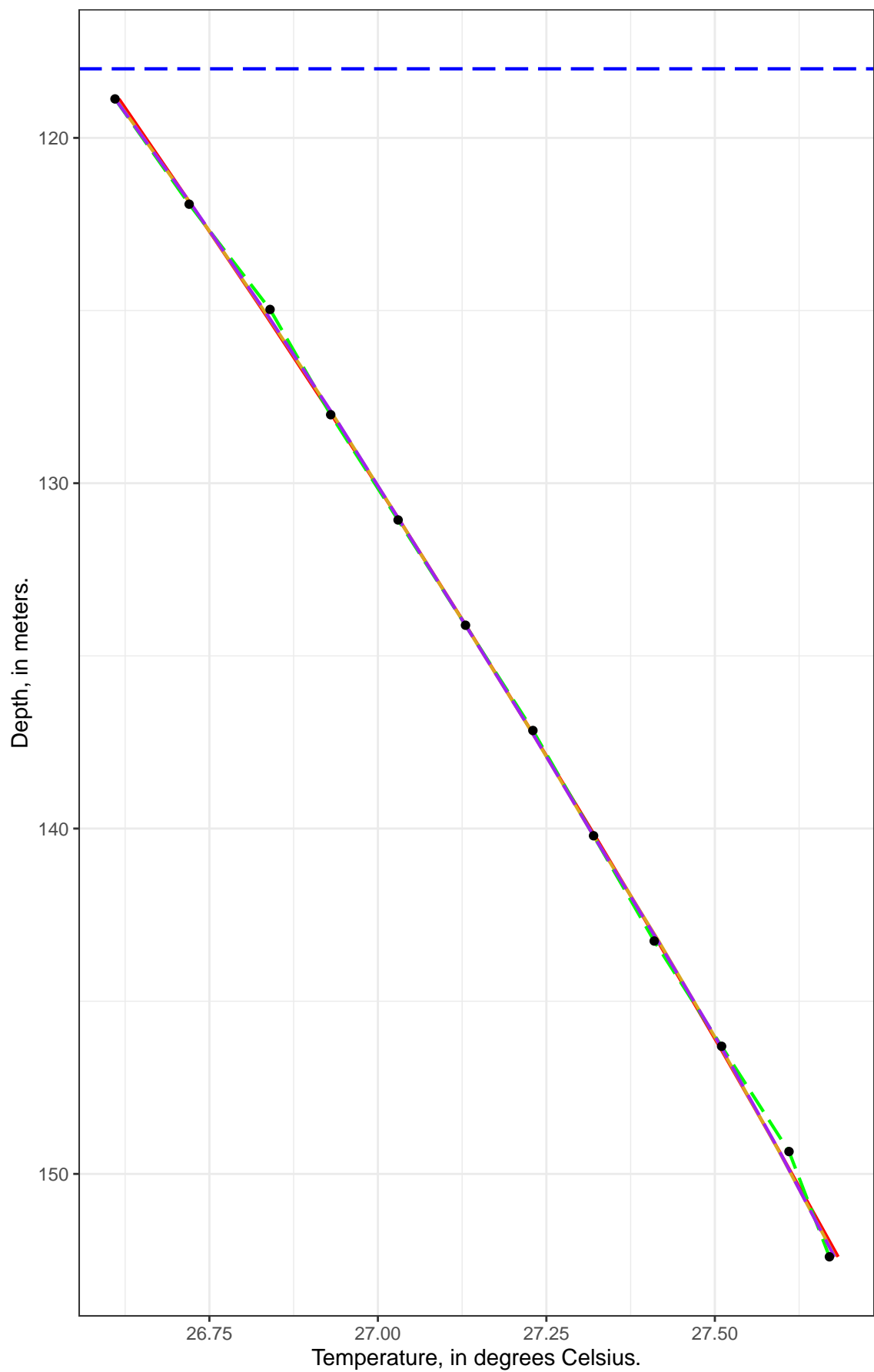
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

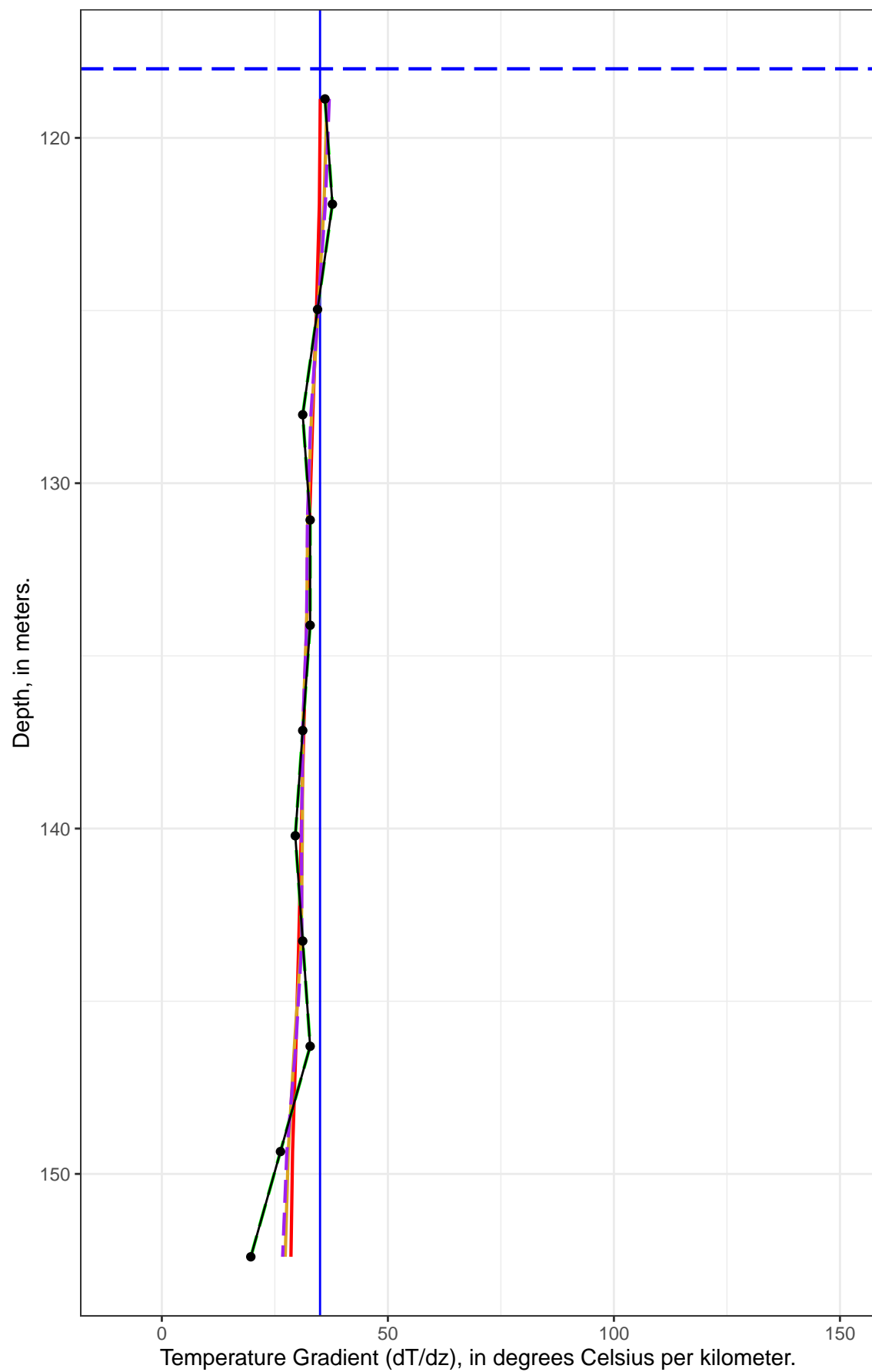
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline



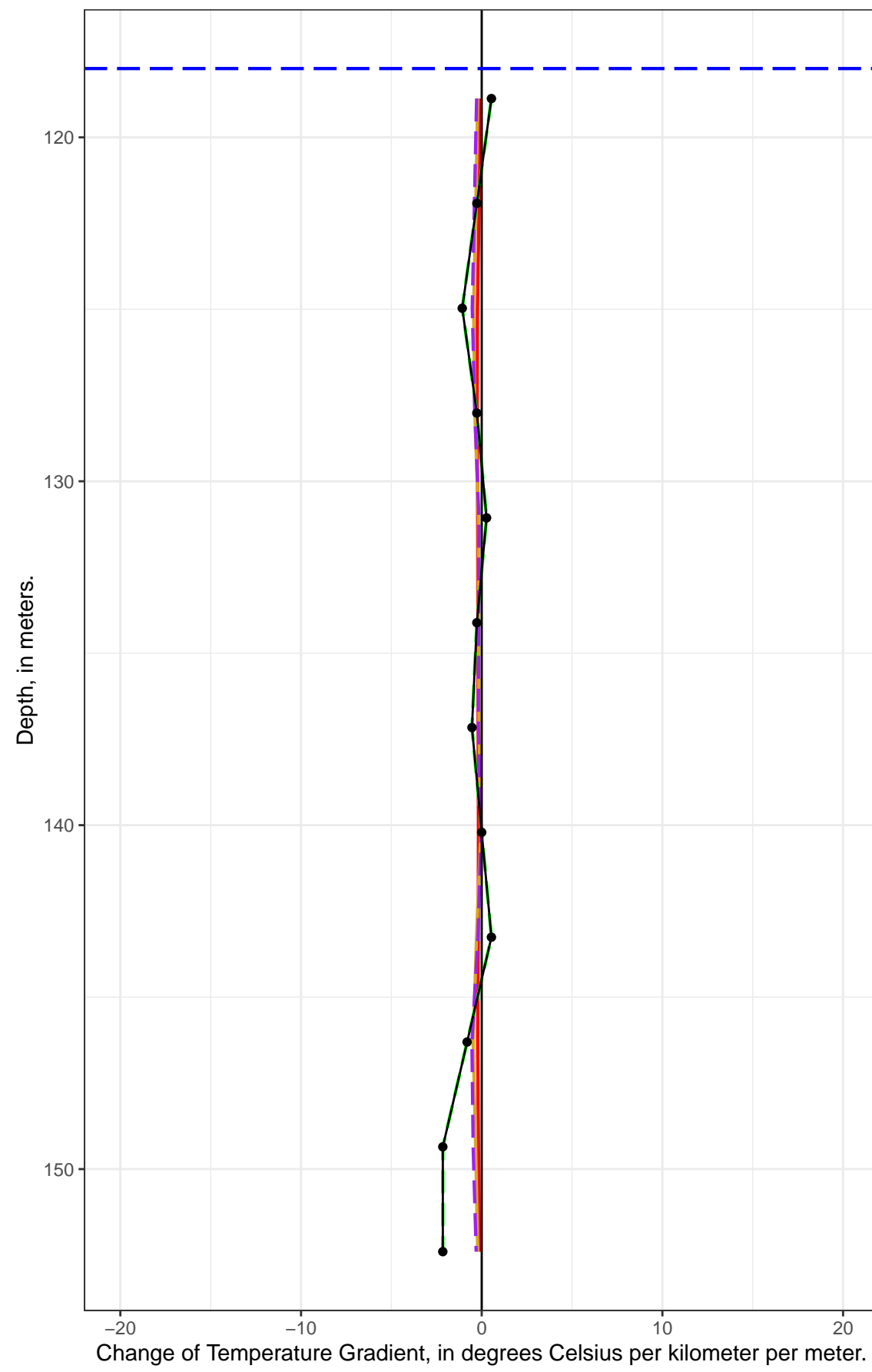
ID: 176 [H-6-78-1027_KILBOURNE_HOLE] Smoothed Profile



ID: 176 [H-6-78-1027_KILBOURNE_HOLE] First Derivative



ID: 176 [H-6-78-1027_KILBOURNE_HOLE] Second Derivative

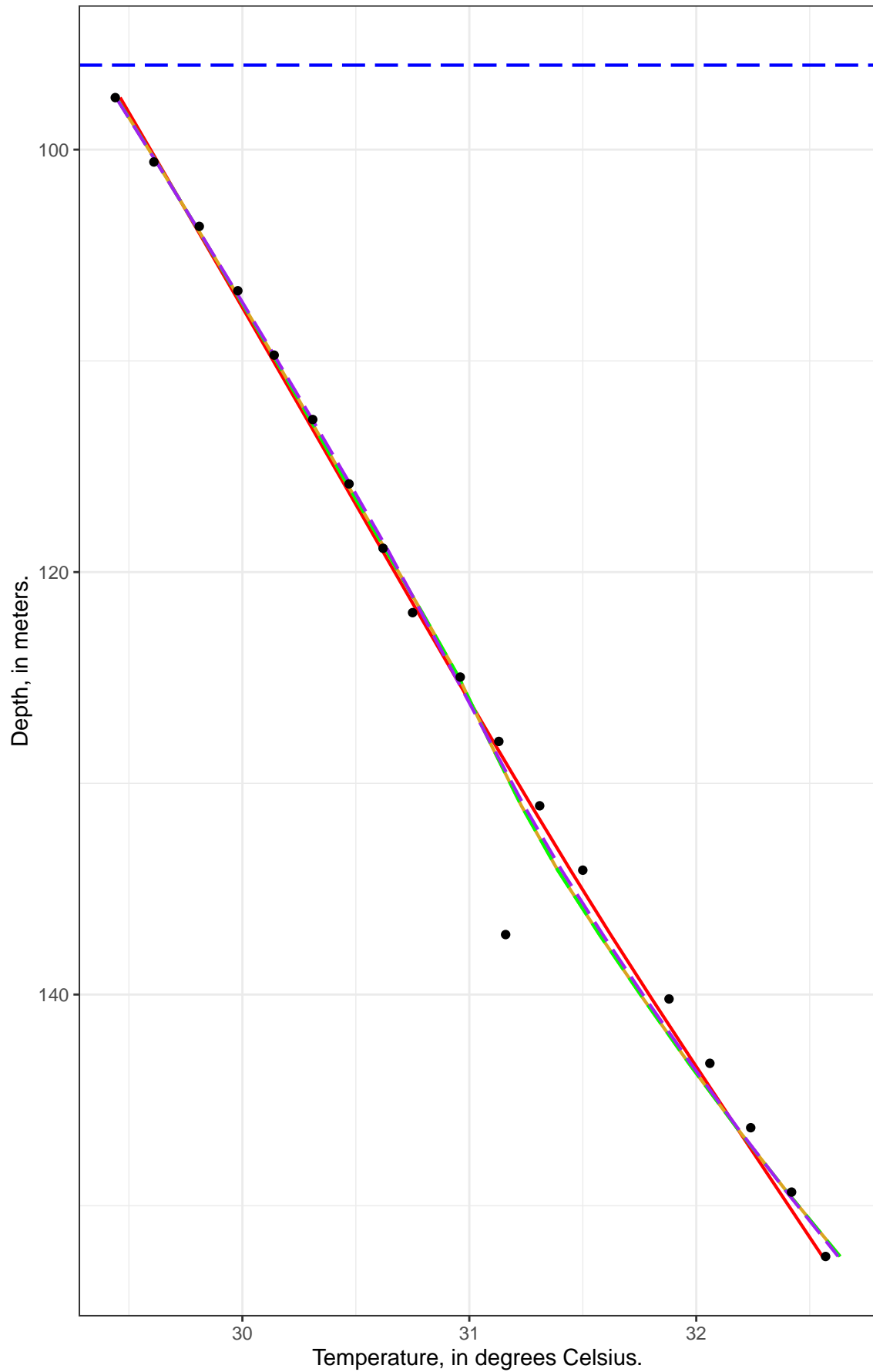


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

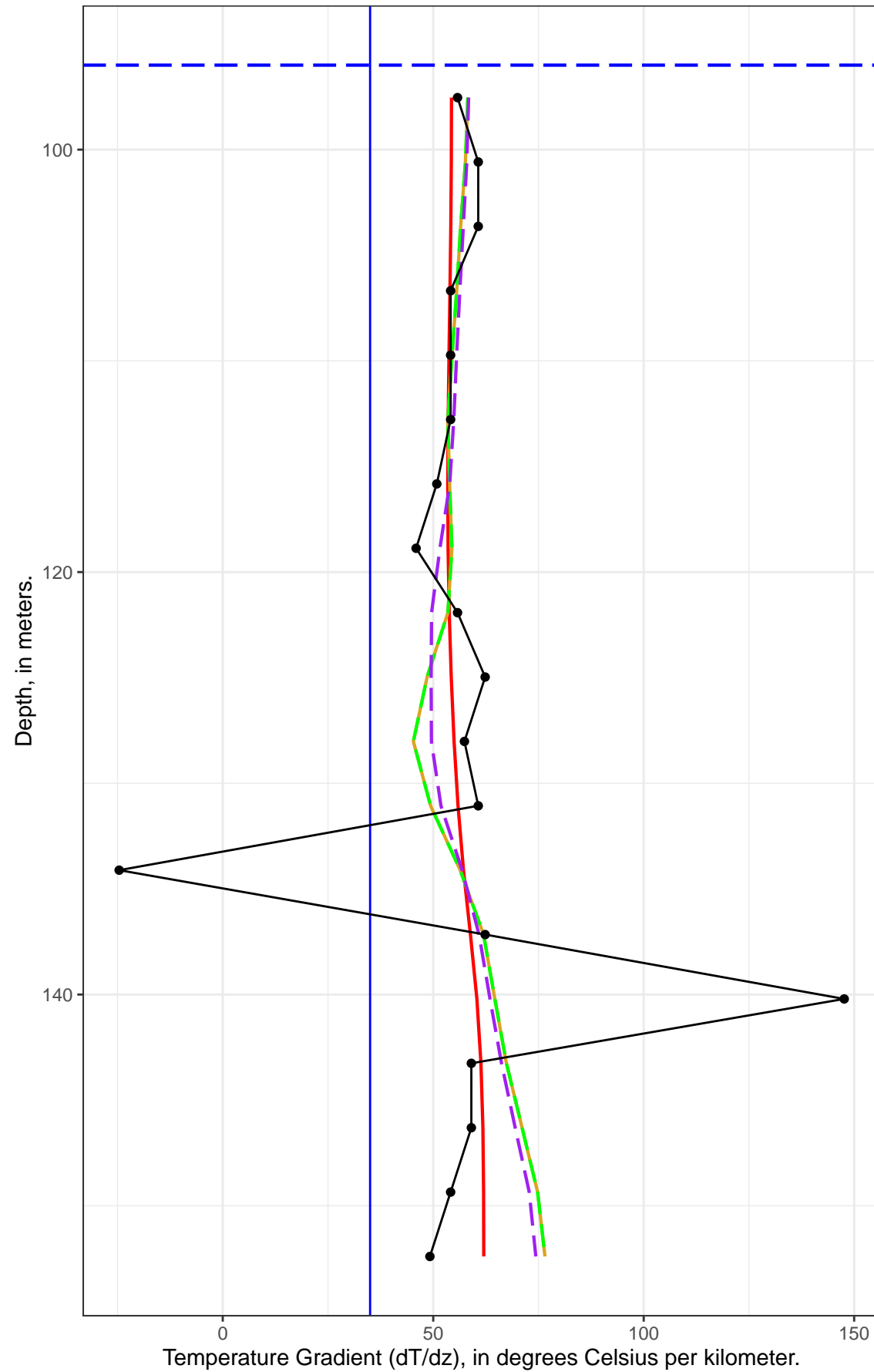
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

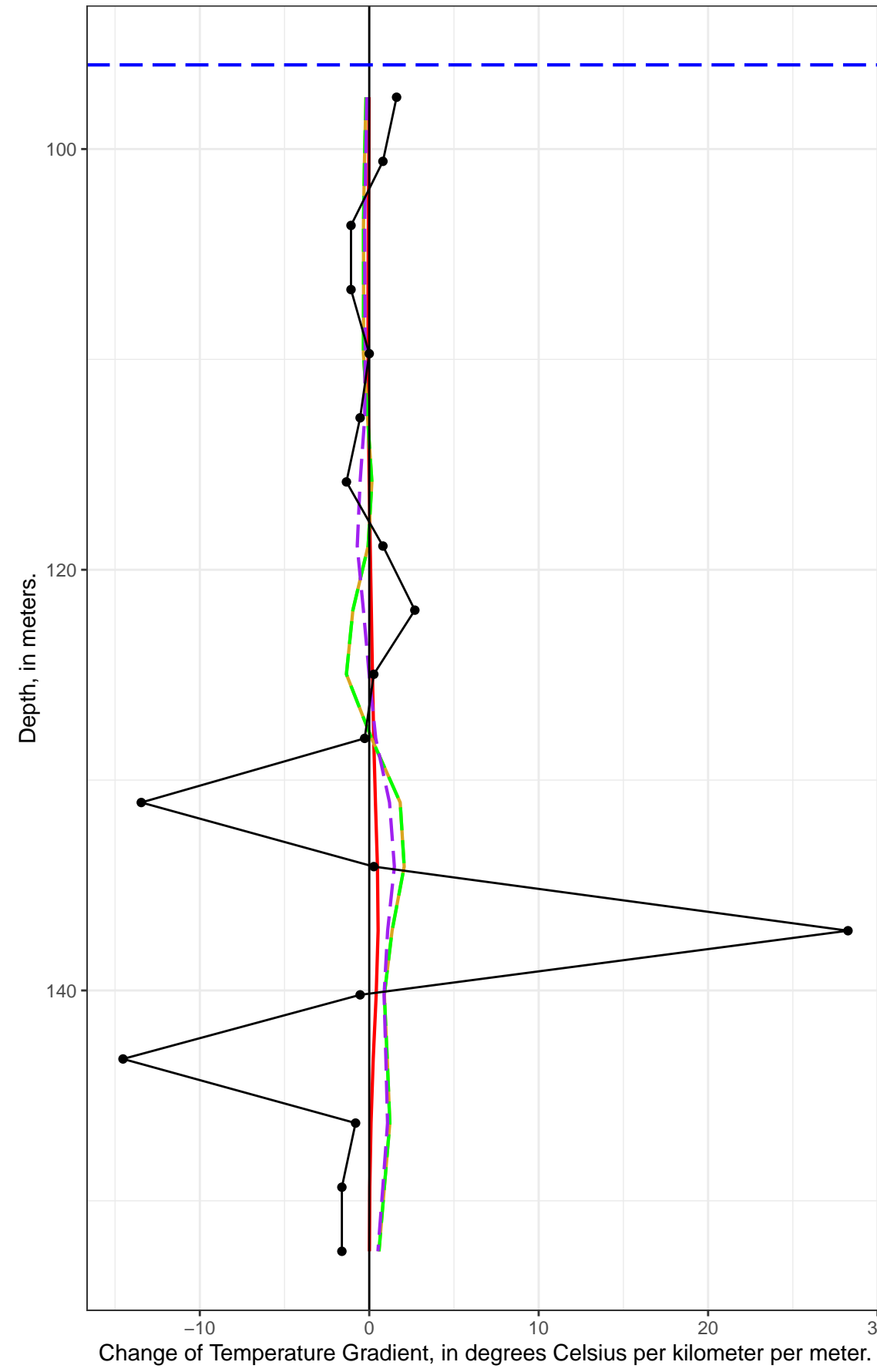
ID: 177 [H-6-78-1033_KILBOURNE_HOLE] Smoothed Profile



ID: 177 [H-6-78-1033_KILBOURNE_HOLE] First Derivative



ID: 177 [H-6-78-1033_KILBOURNE_HOLE] Second Derivative

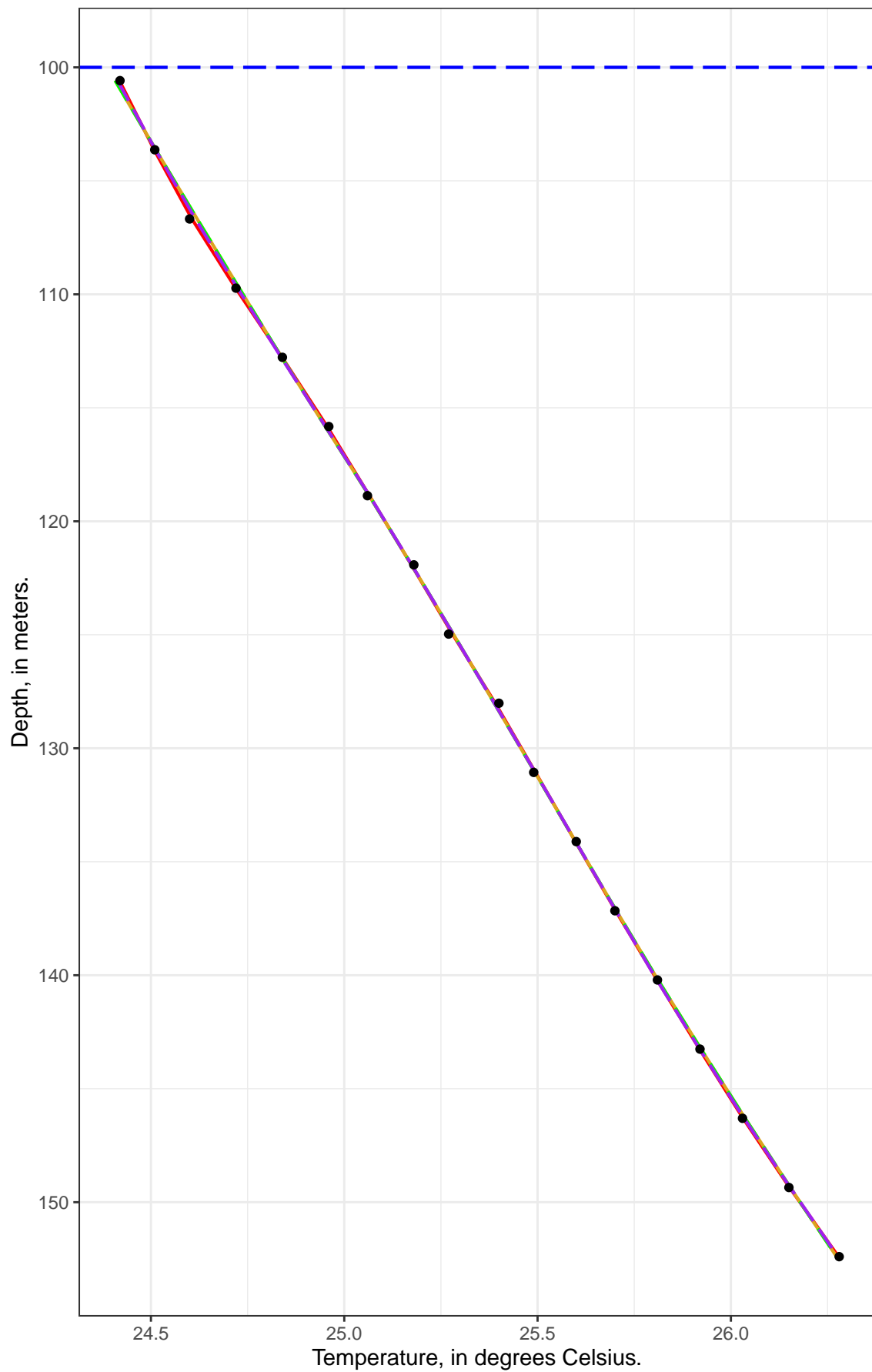


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

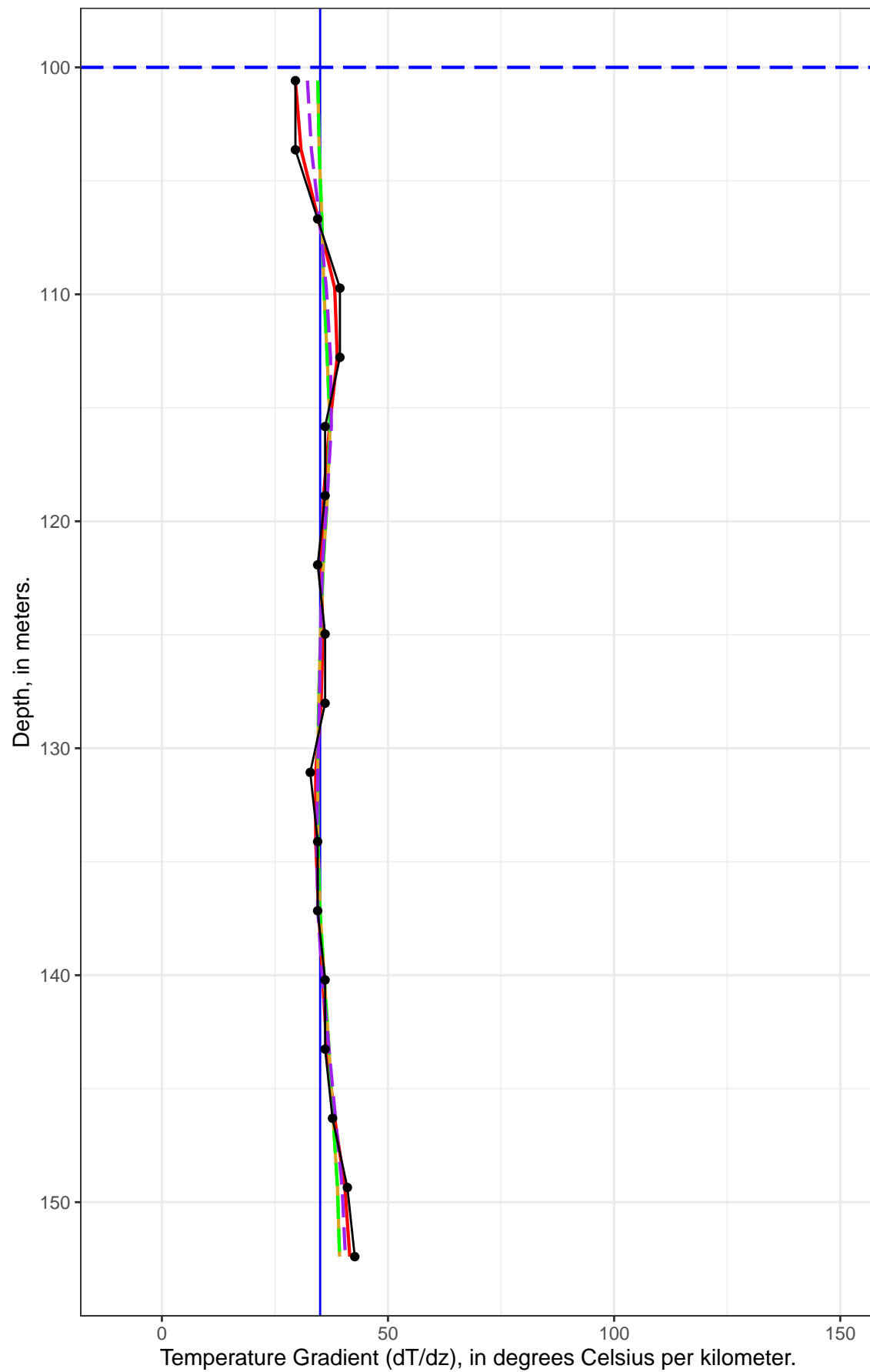
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

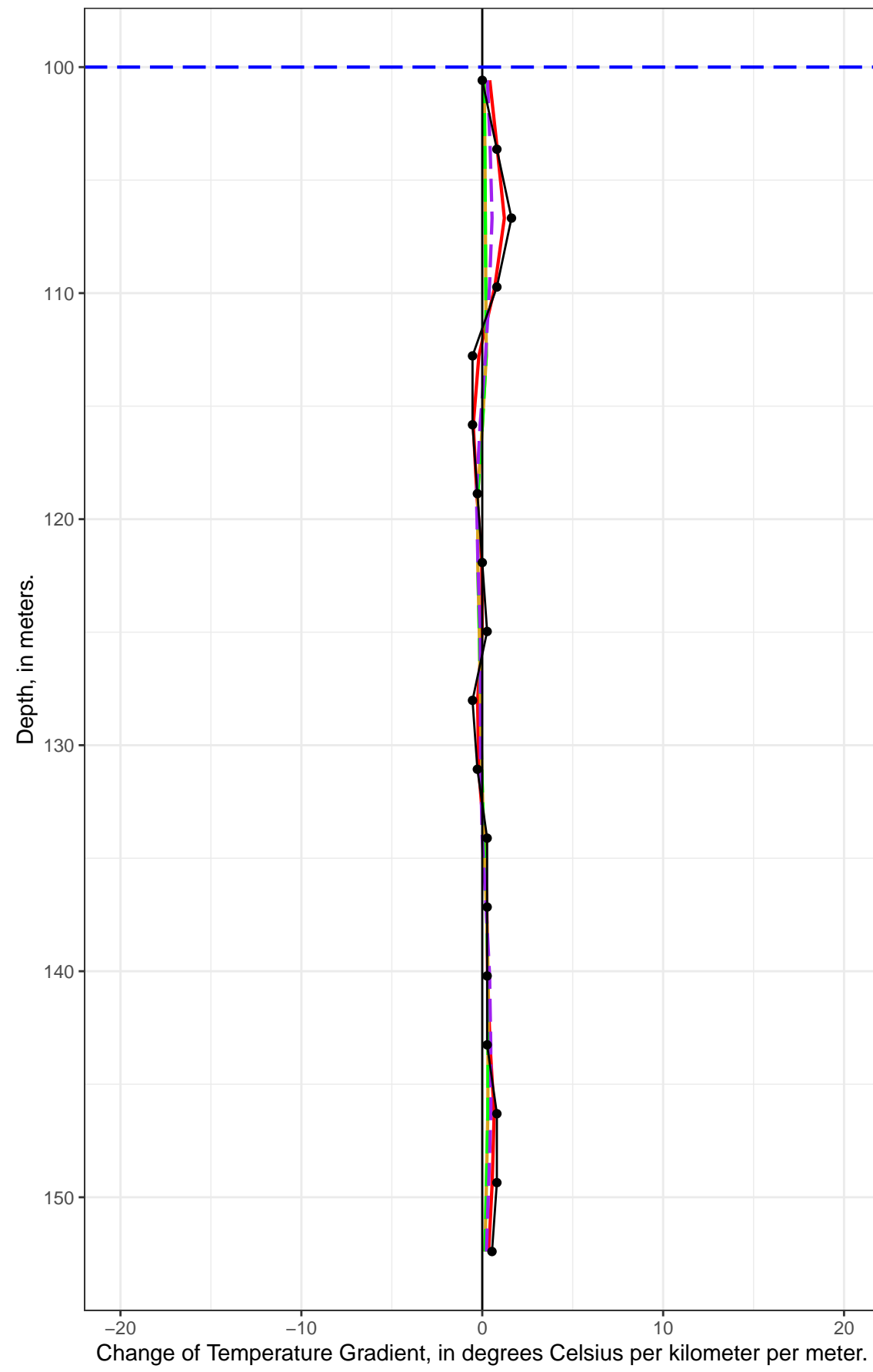
ID: 178 [H-6-78-1037_KILBOURNE_HOLE] Smoothed Profile



ID: 178 [H-6-78-1037_KILBOURNE_HOLE] First Derivative



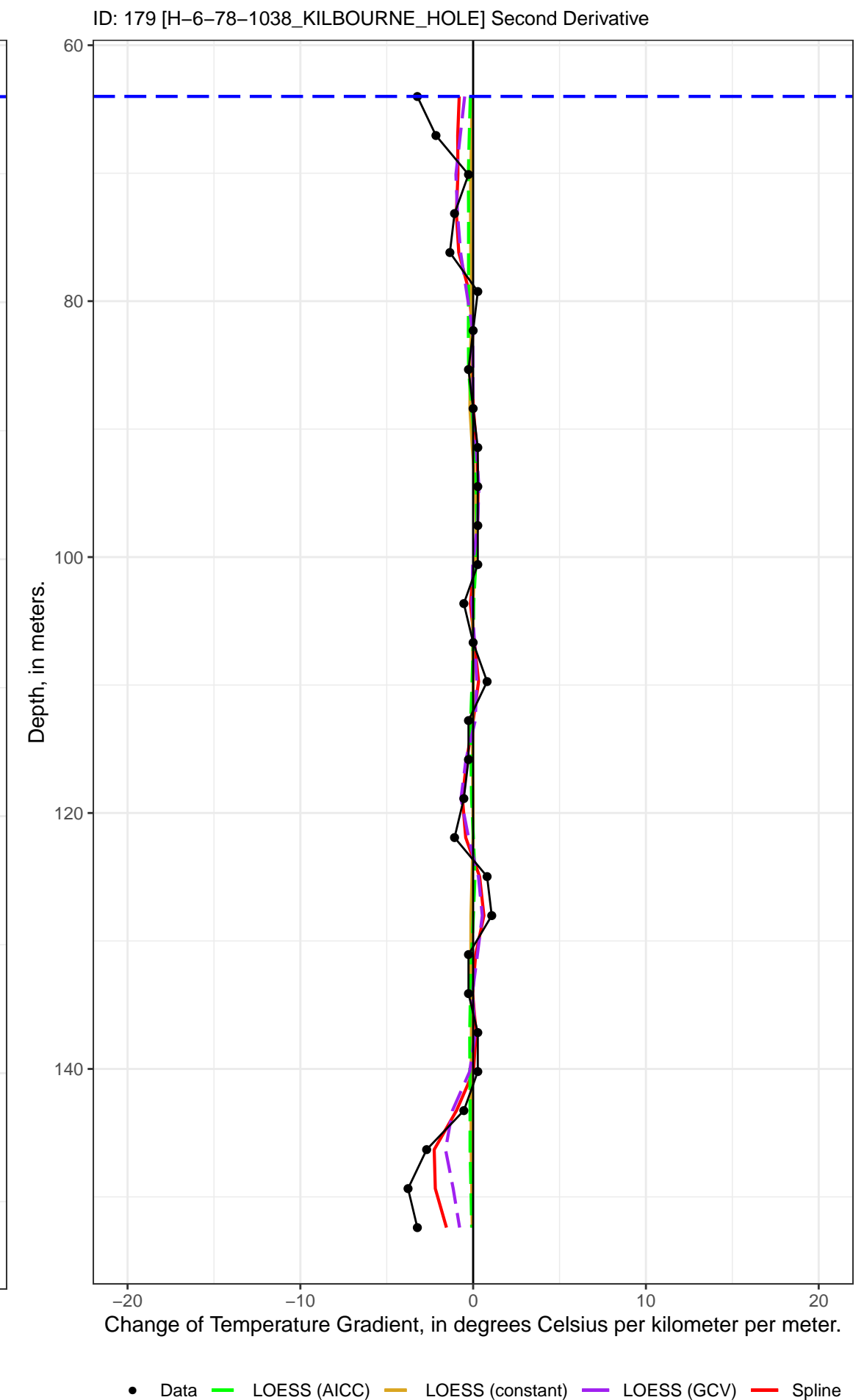
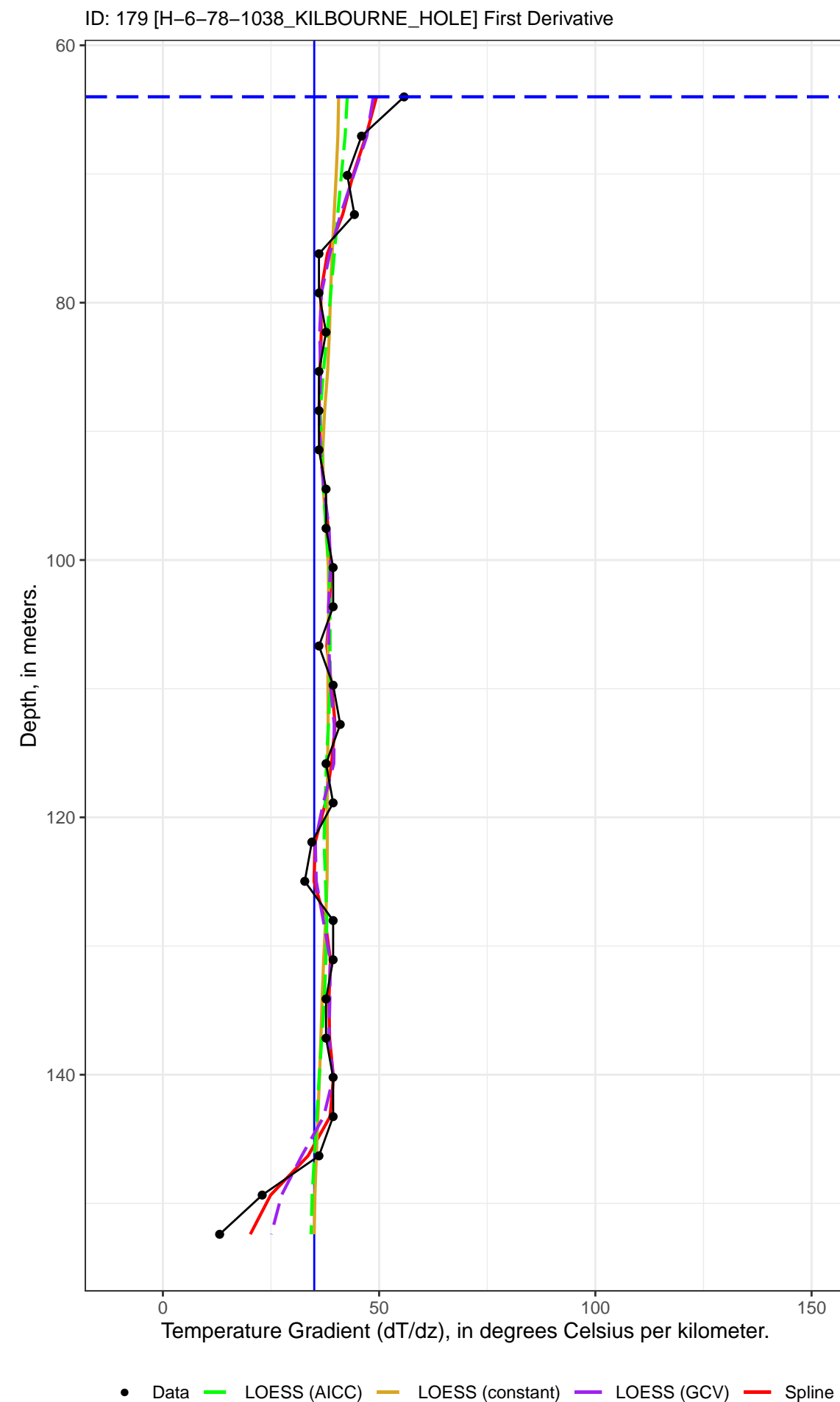
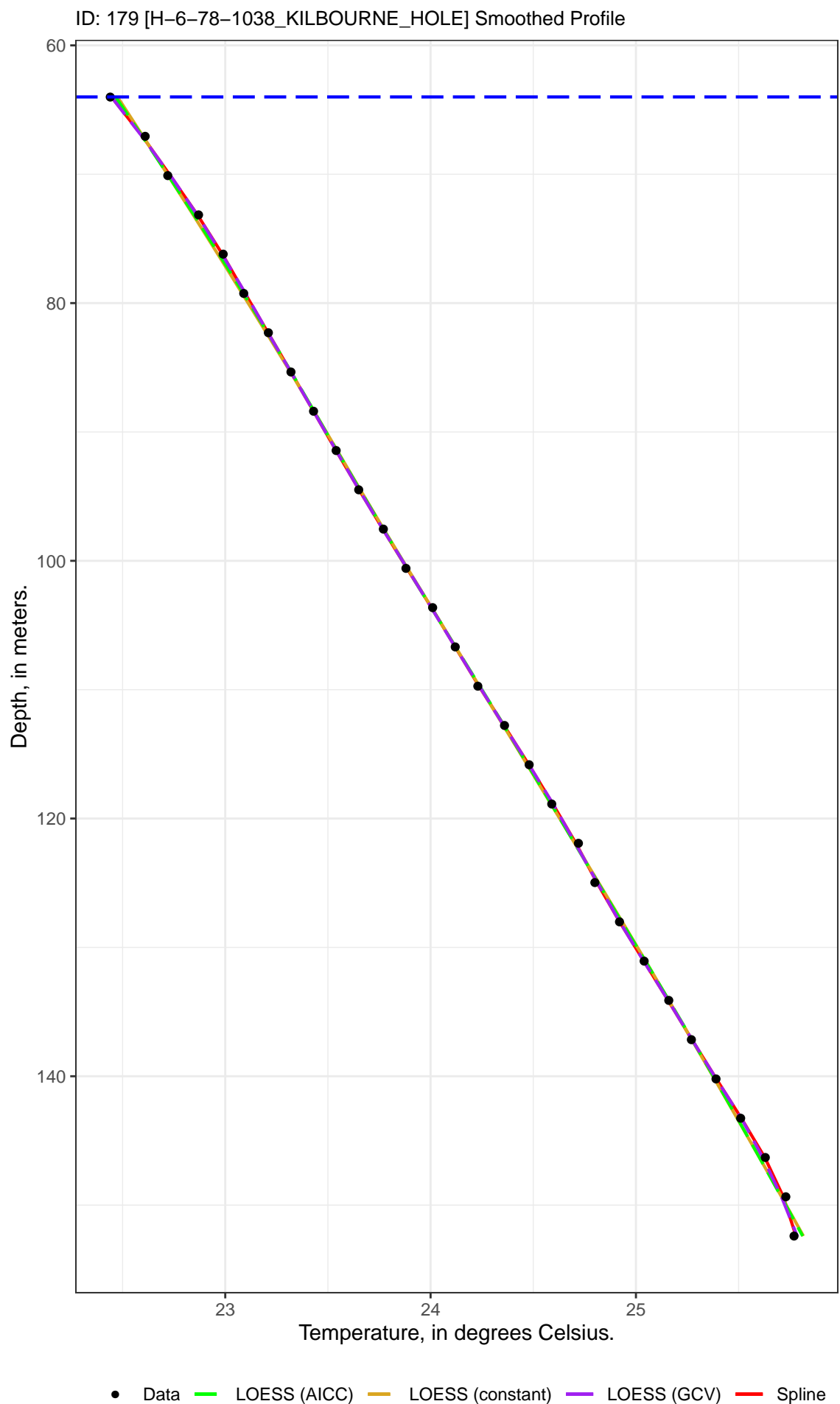
ID: 178 [H-6-78-1037_KILBOURNE_HOLE] Second Derivative



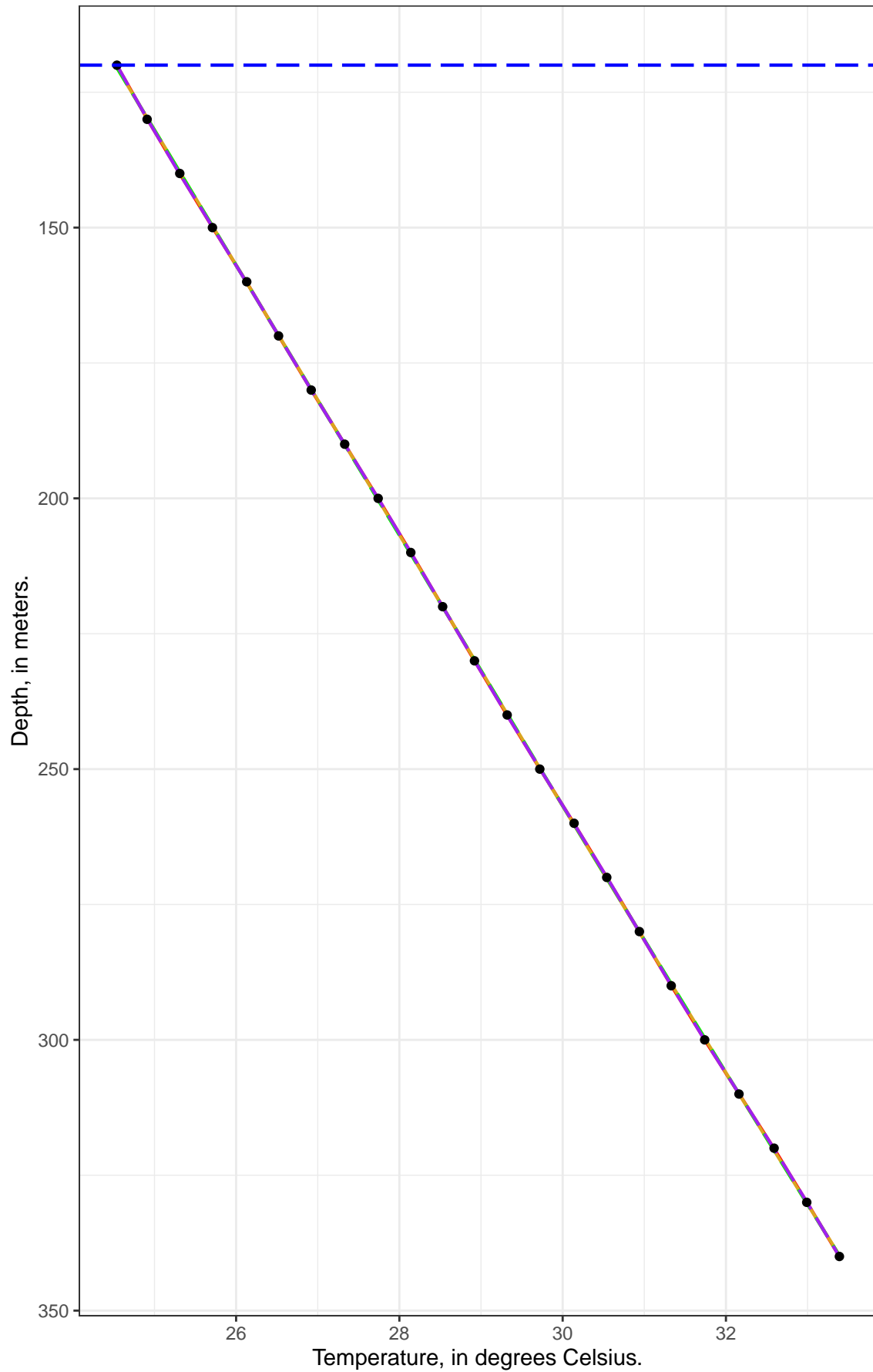
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

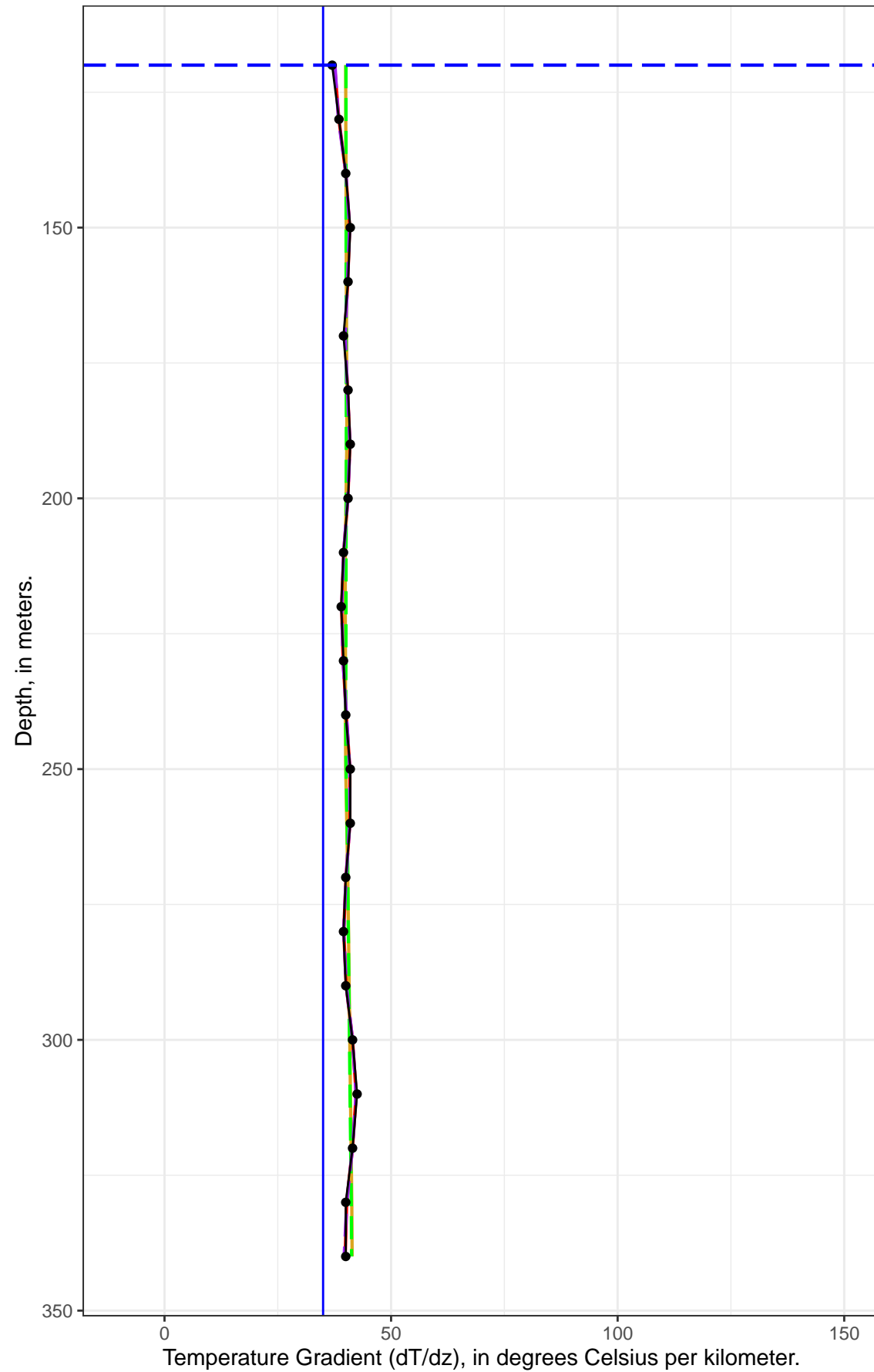
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline



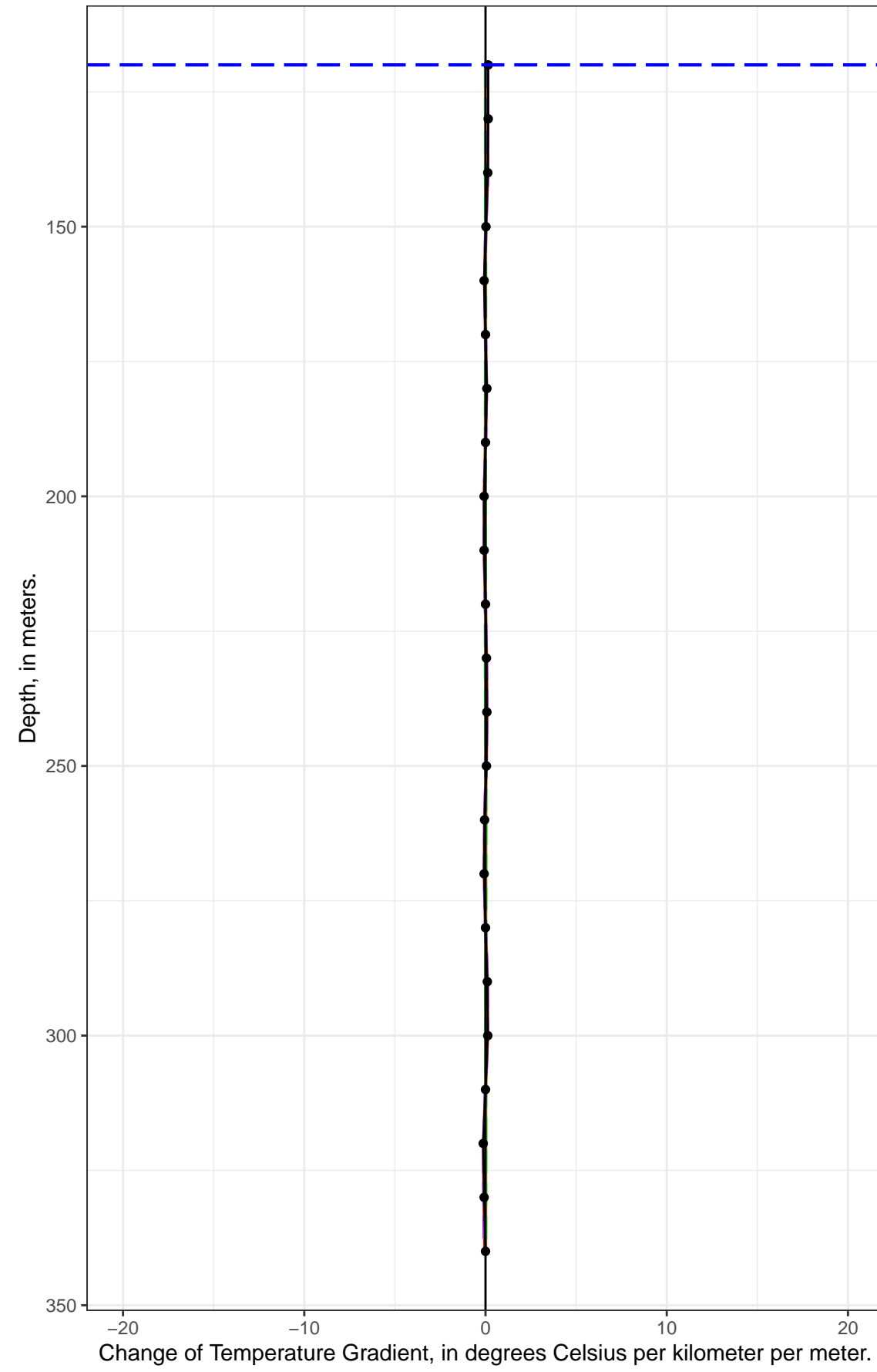
ID: 180 [HA_Well] Smoothed Profile



ID: 180 [HA_Well] First Derivative



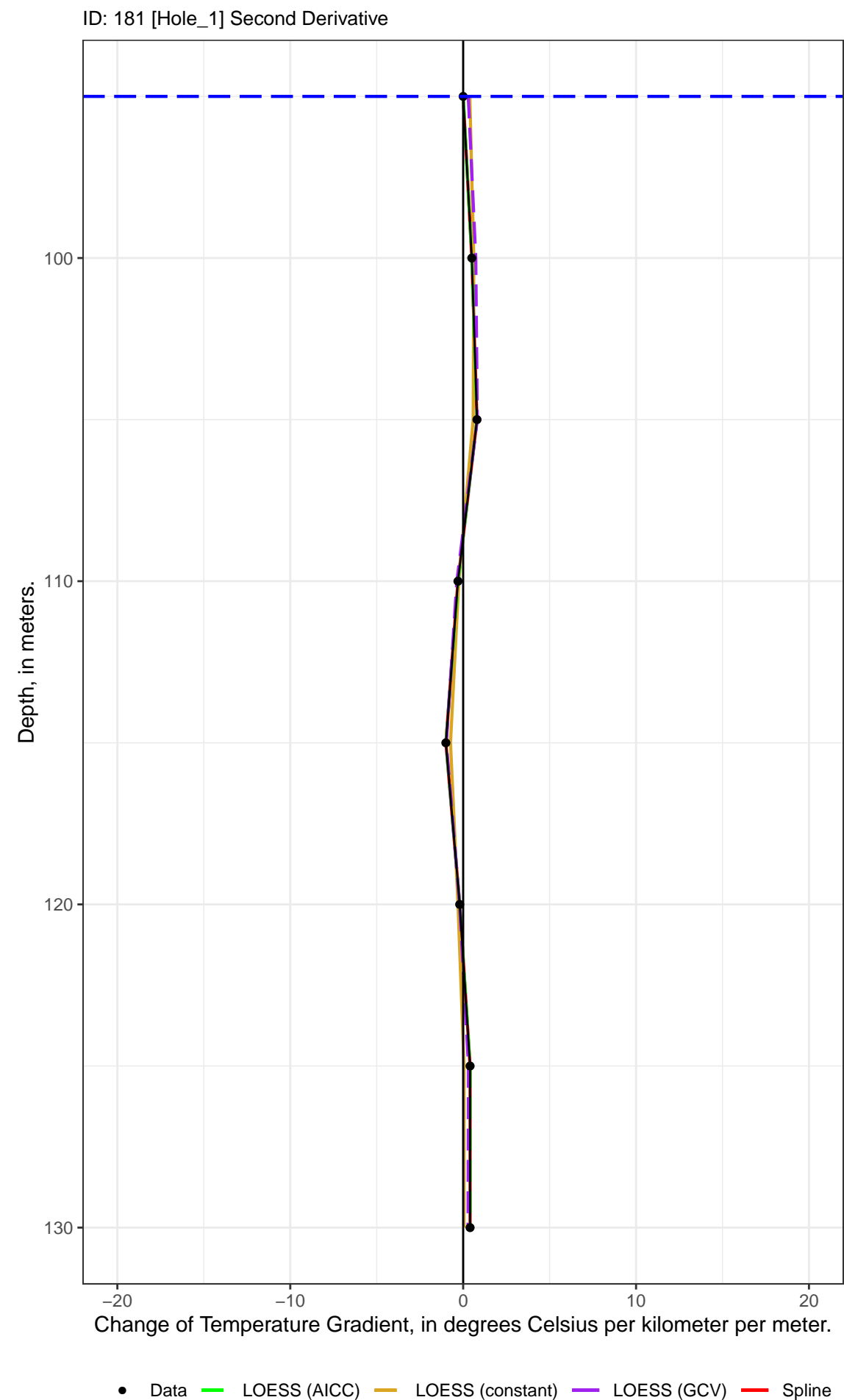
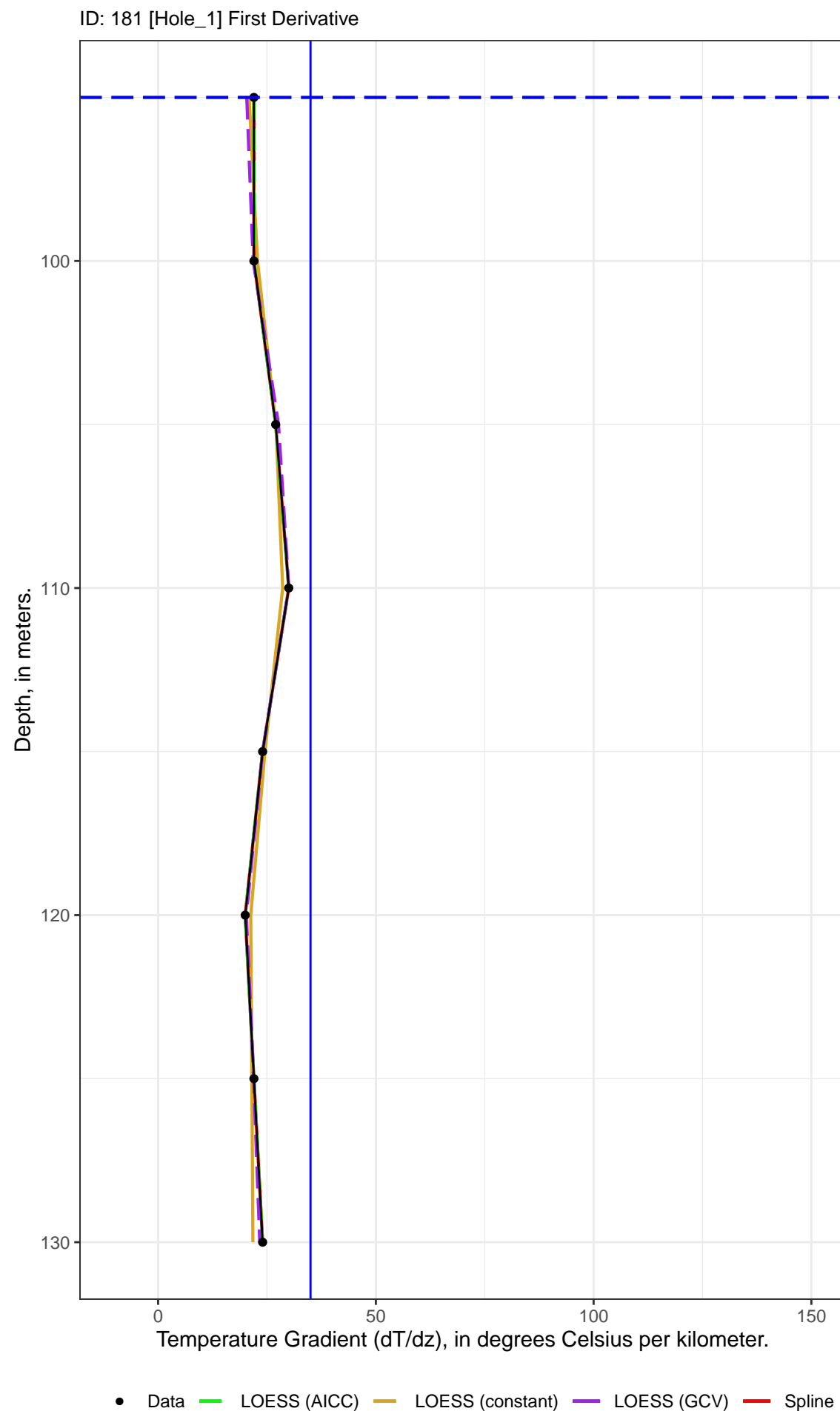
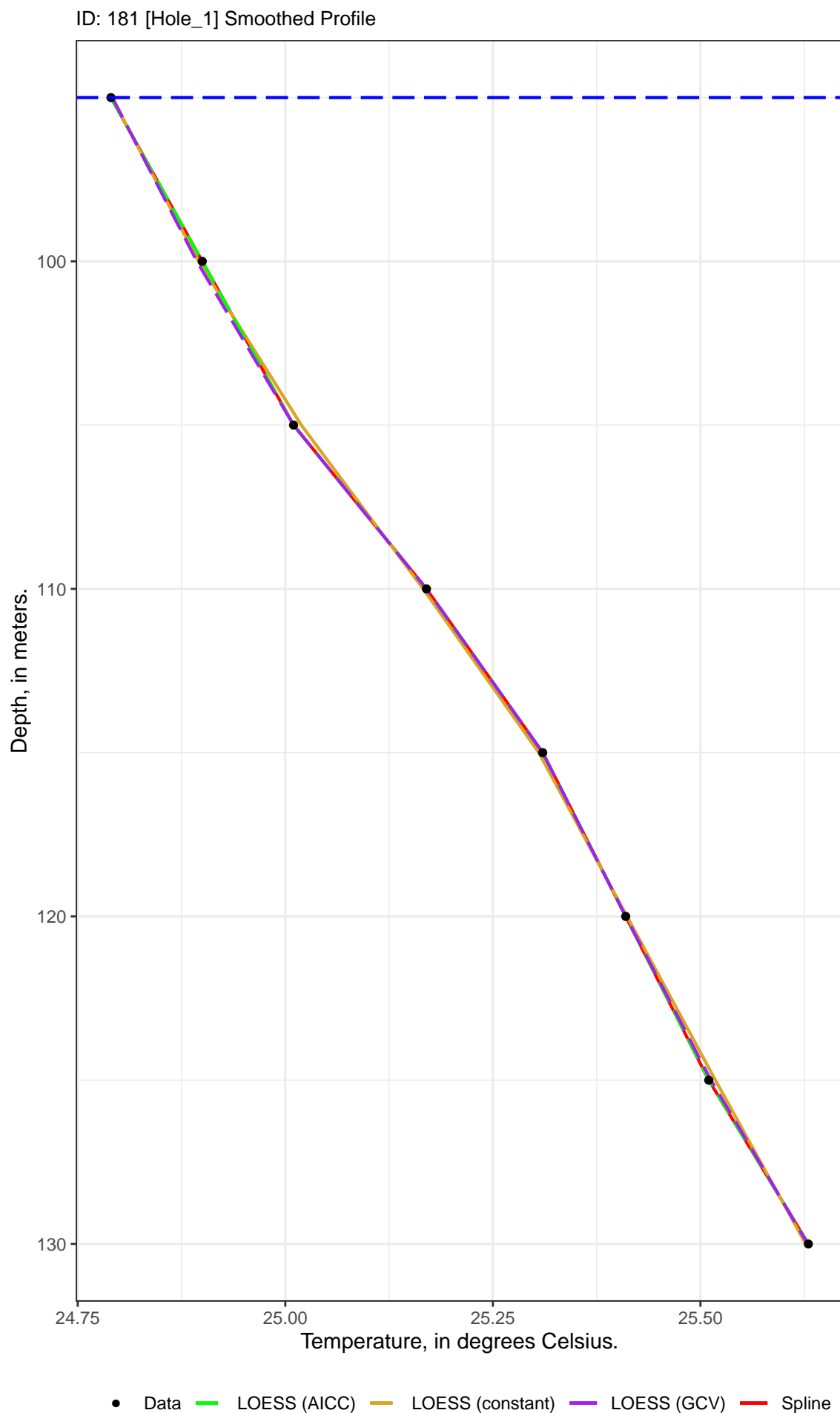
ID: 180 [HA_Well] Second Derivative

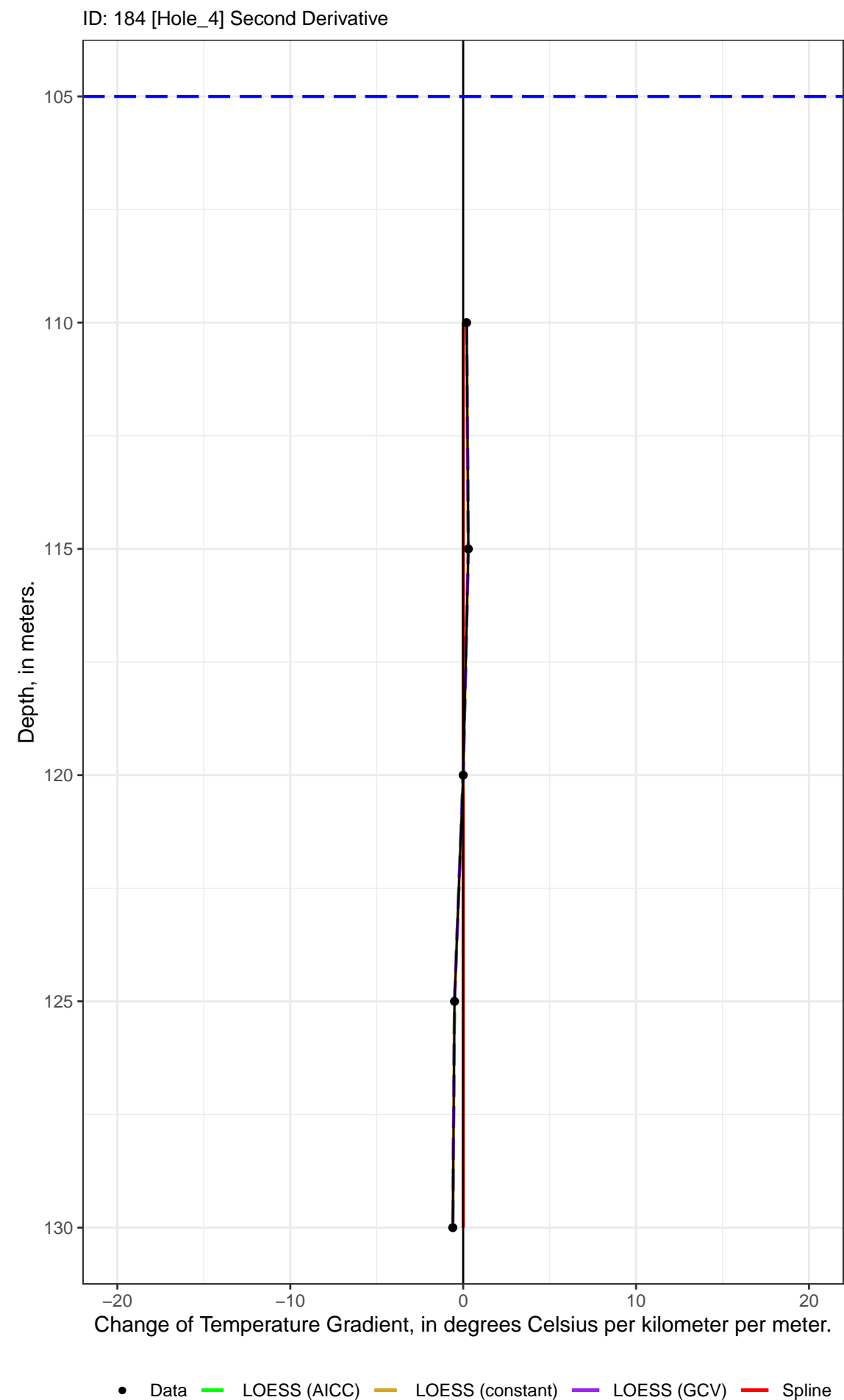
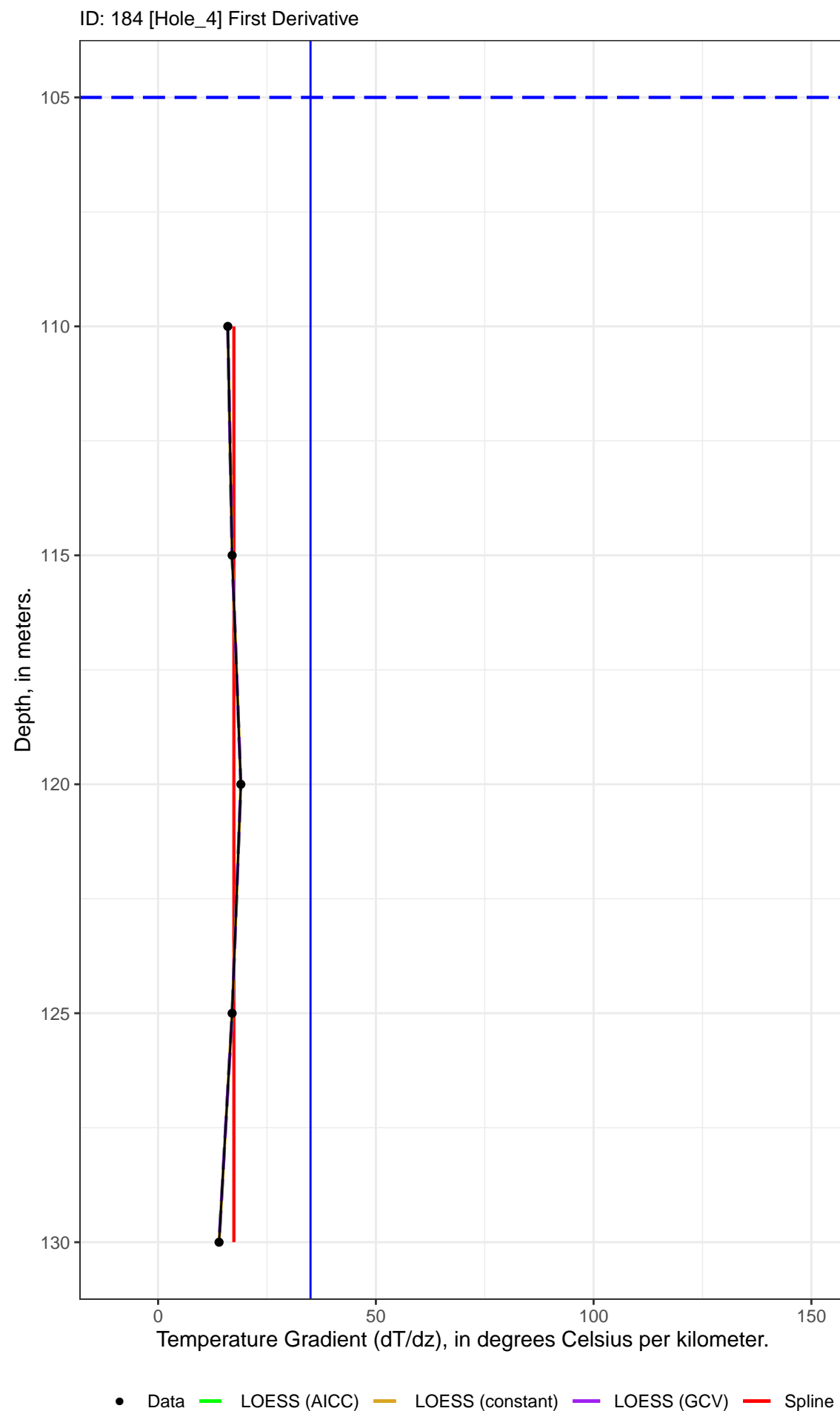
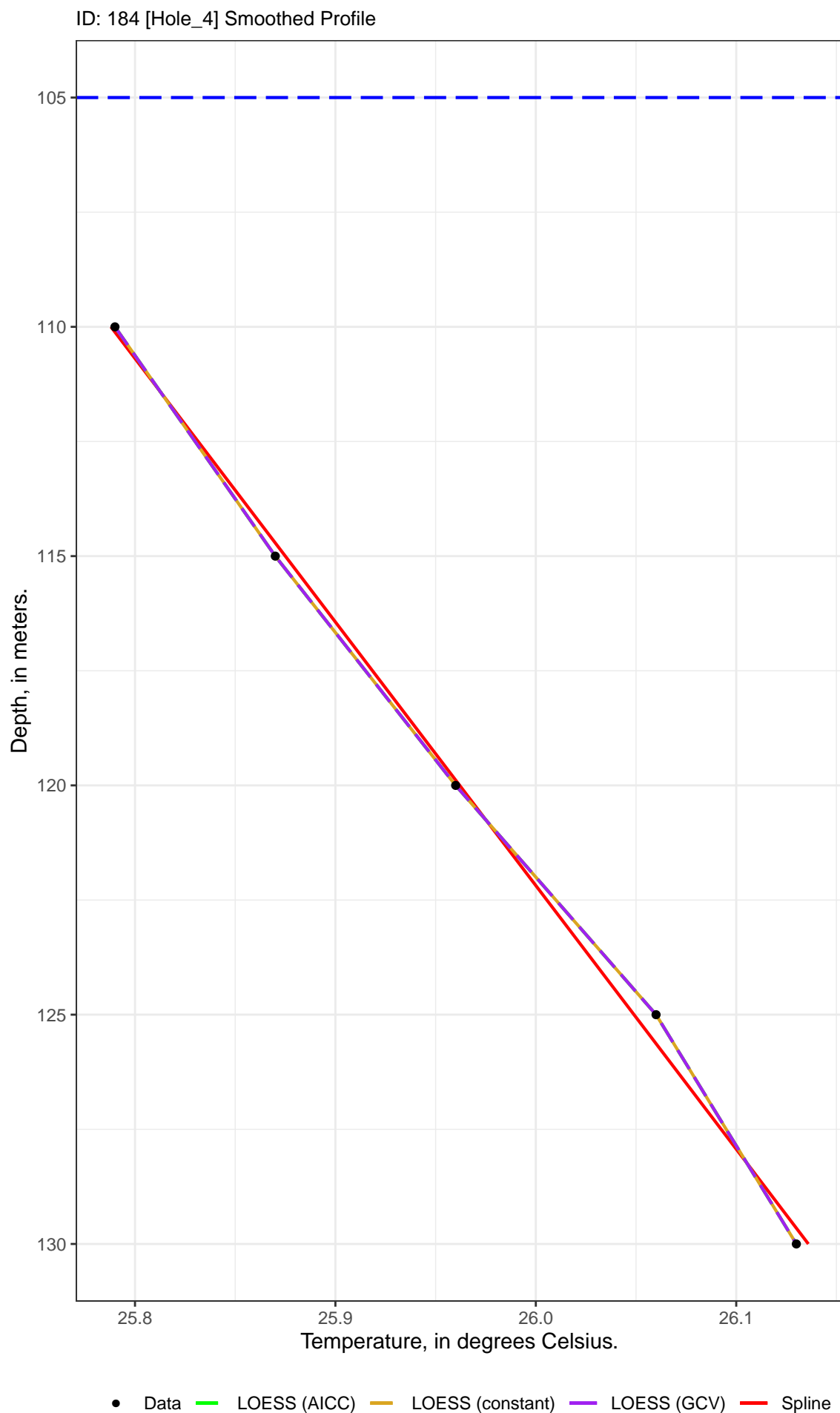


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

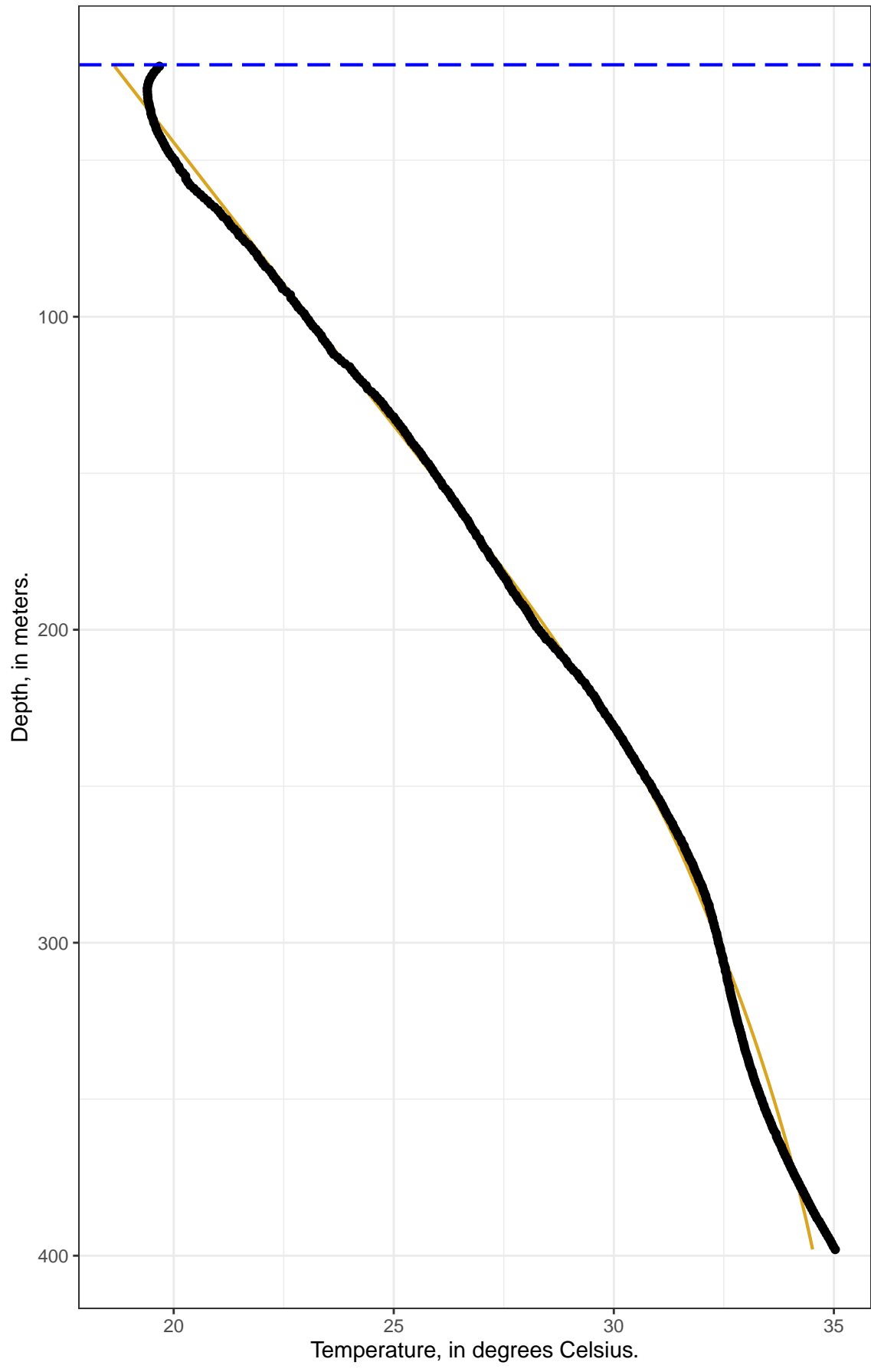
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

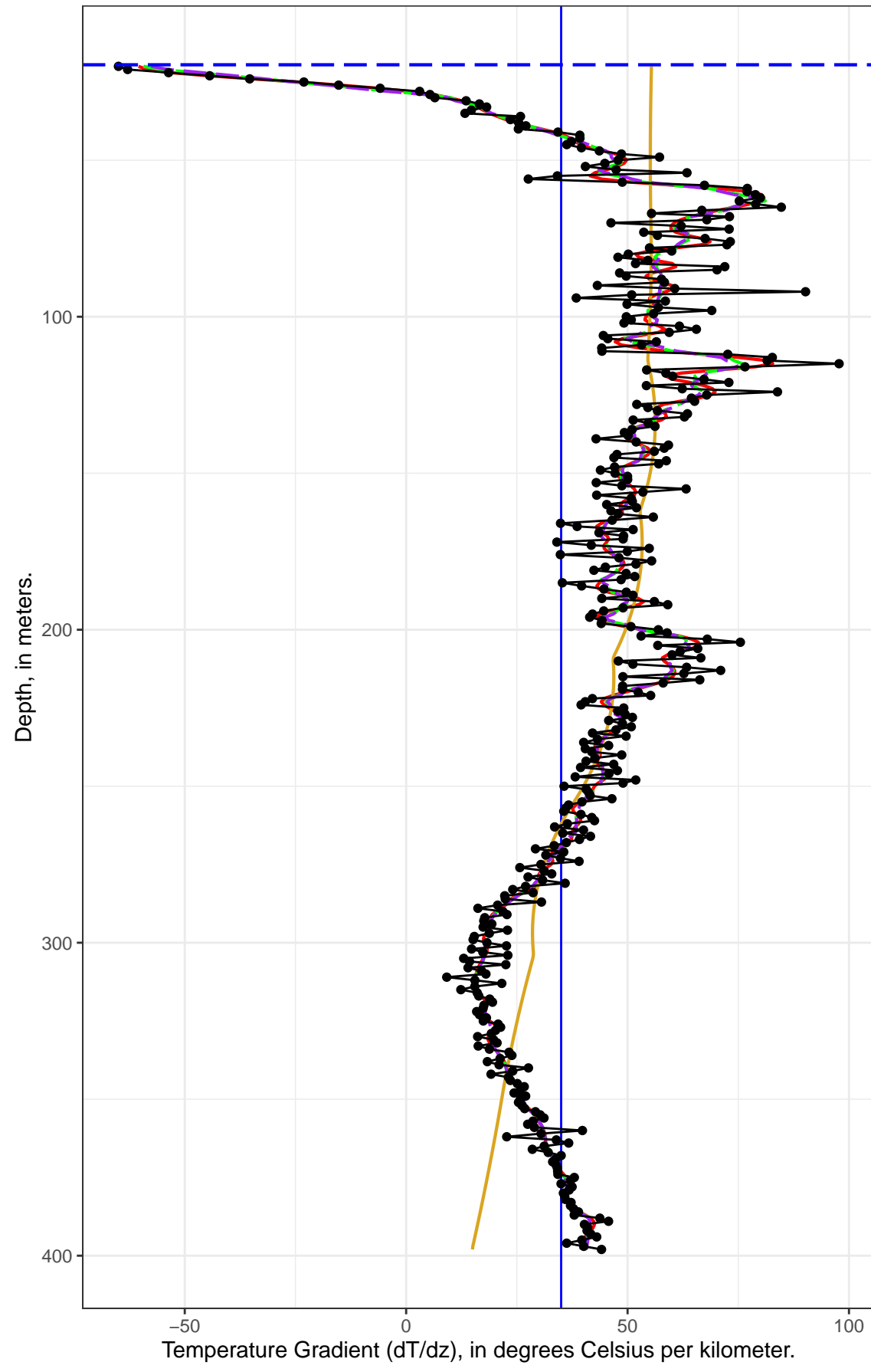




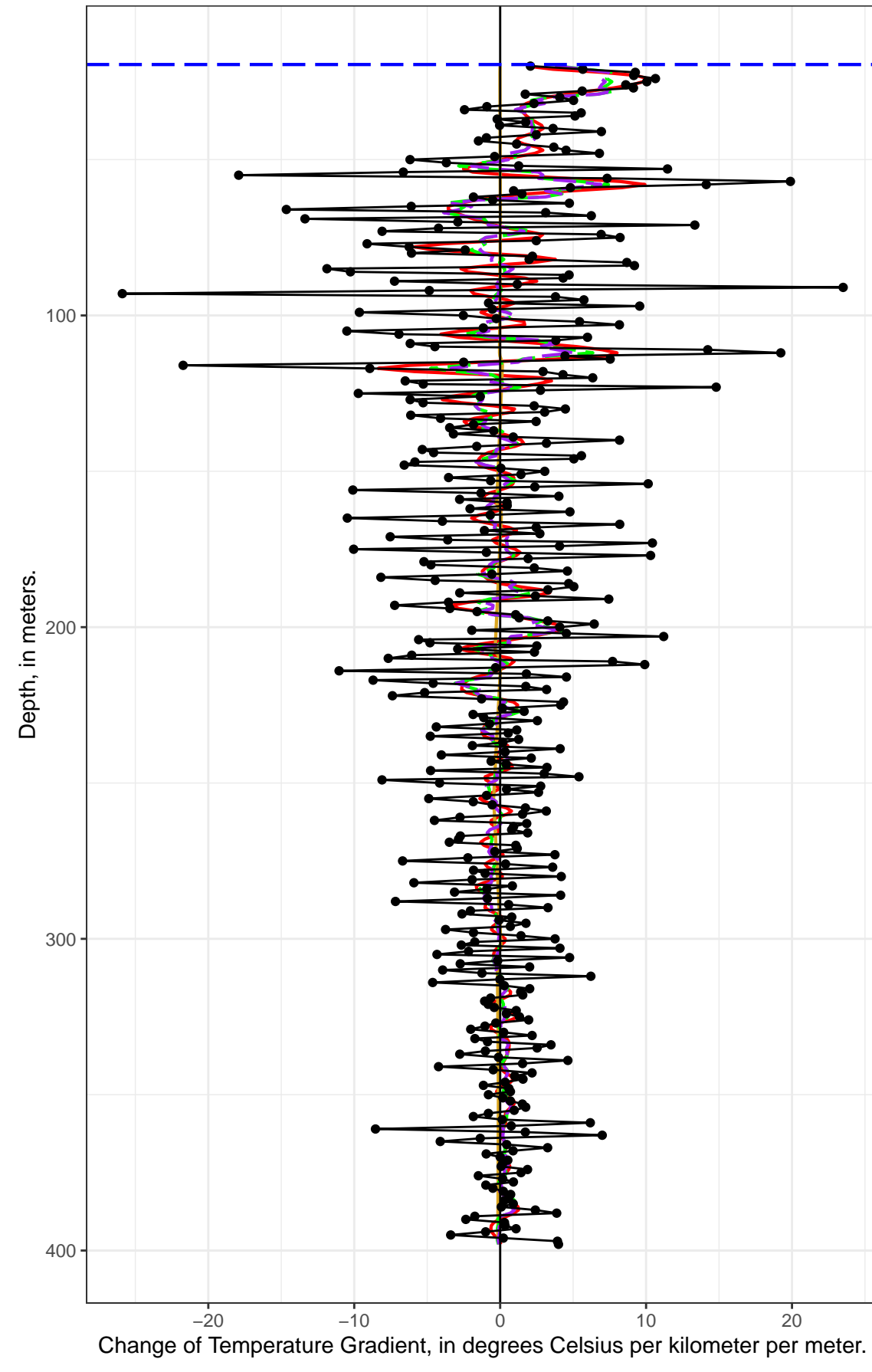
ID: 186 [ISC-1D] Smoothed Profile



ID: 186 [ISC-1D] First Derivative



ID: 186 [ISC-1D] Second Derivative

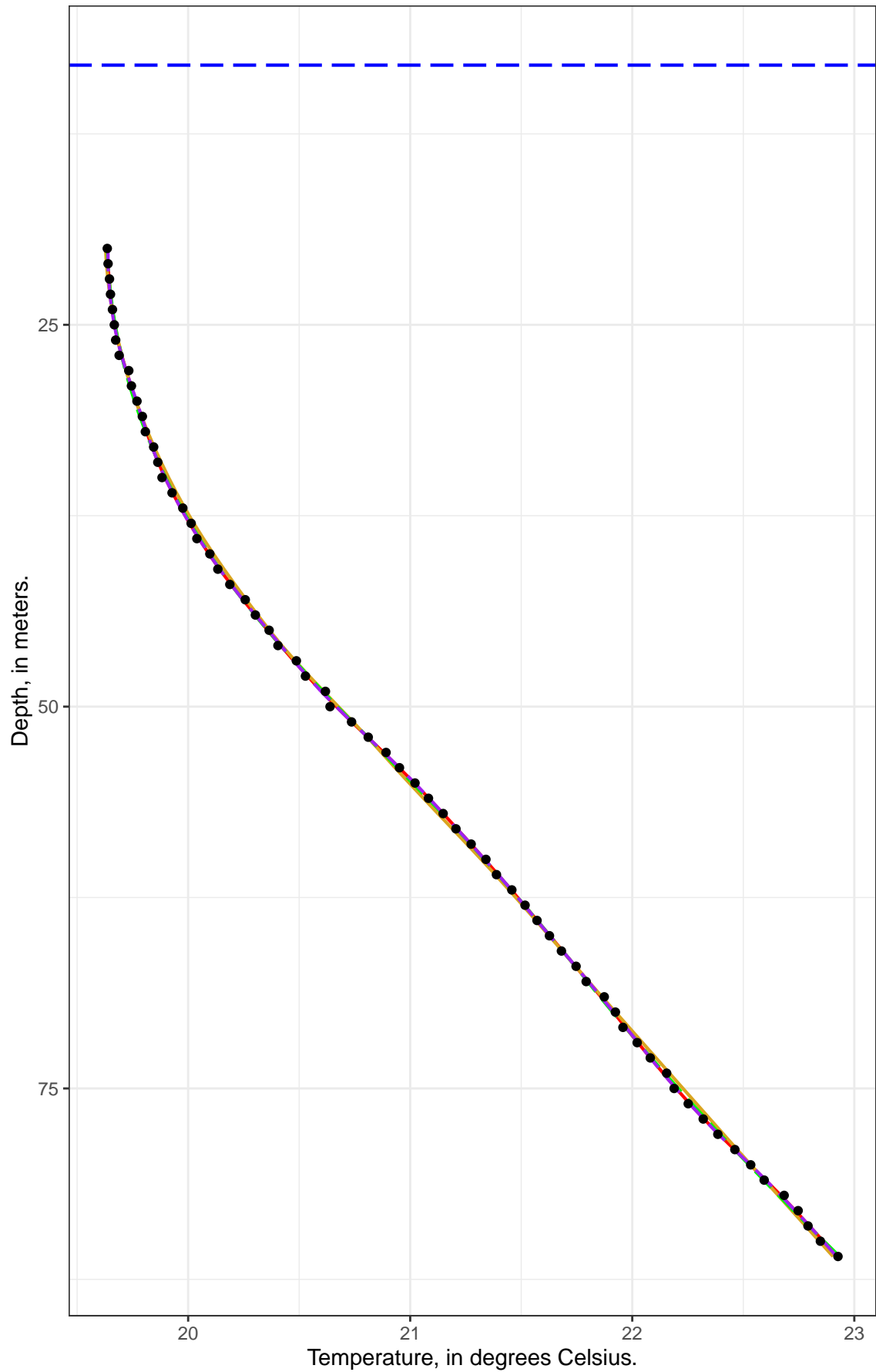


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

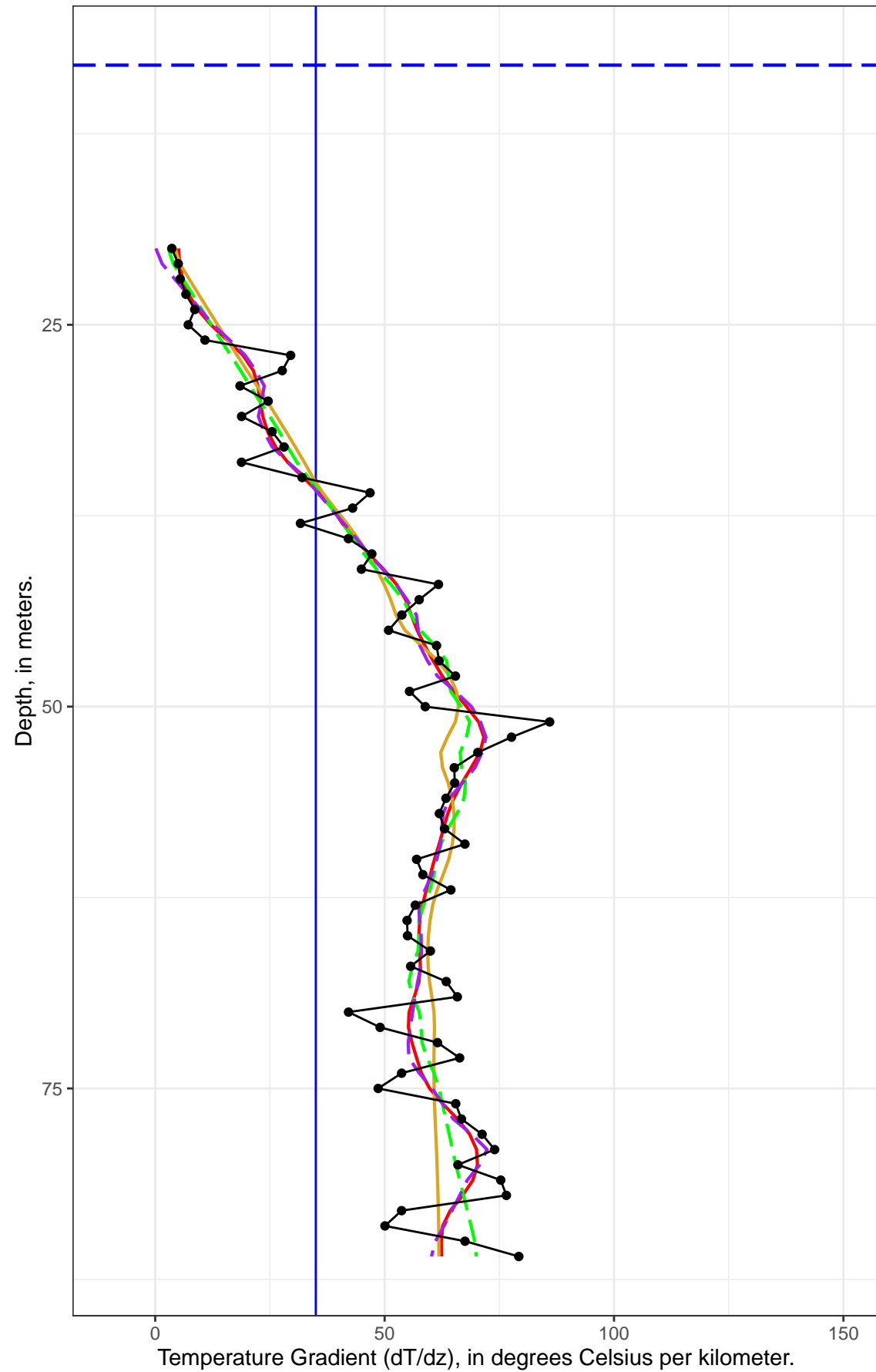
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

ID: 187 [ISC-2_160] Smoothed Profile



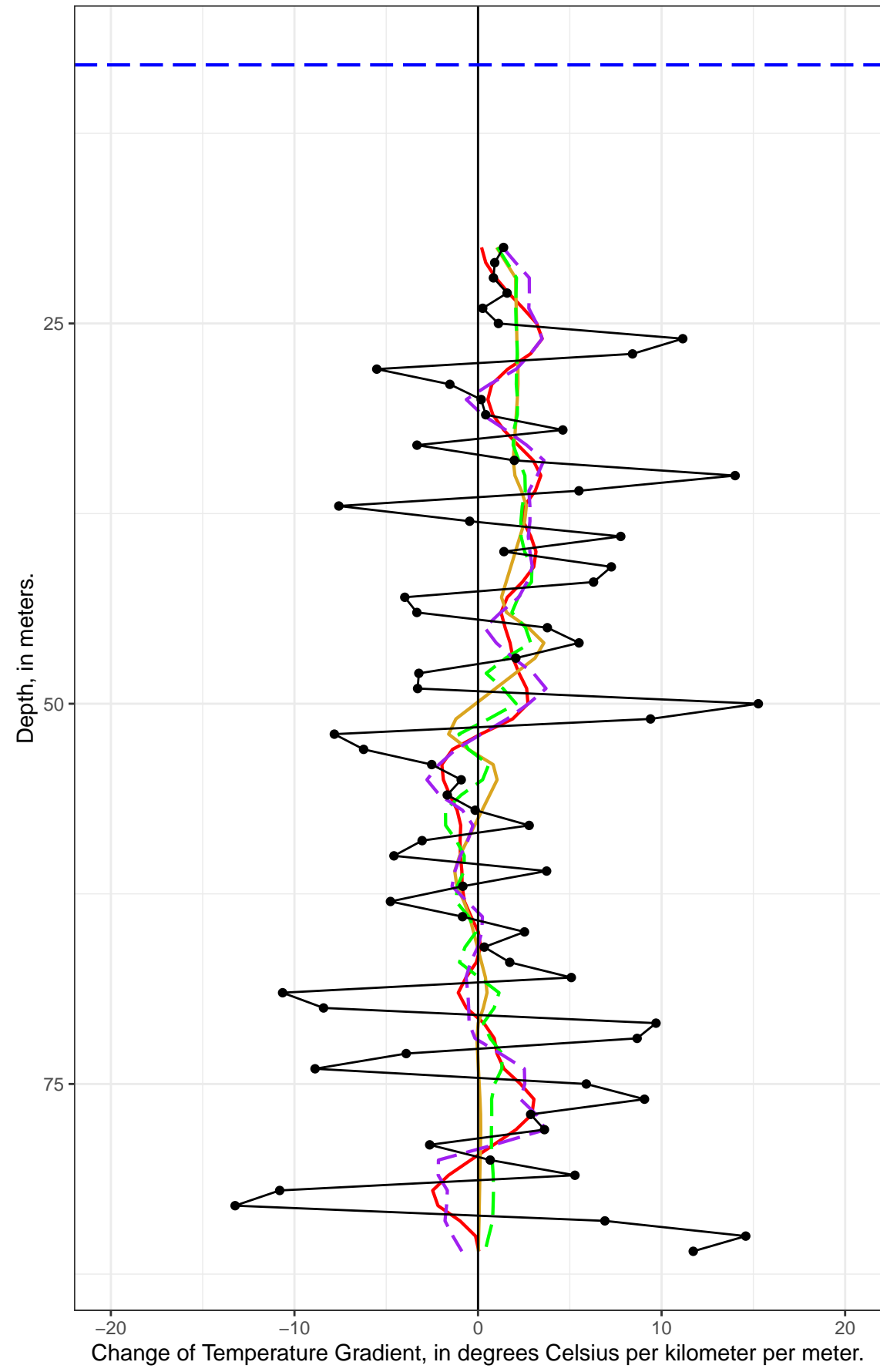
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 187 [ISC-2_160] First Derivative

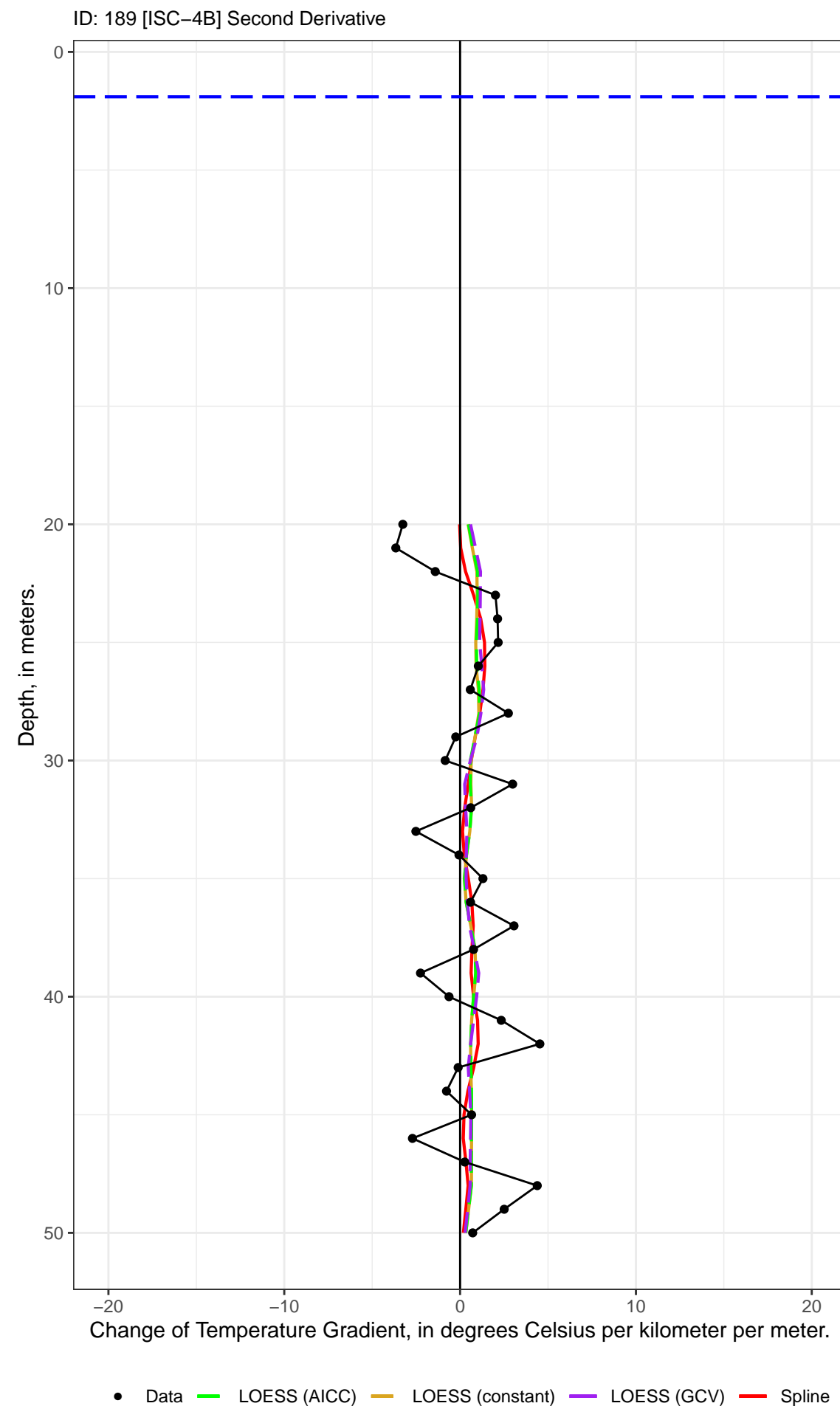
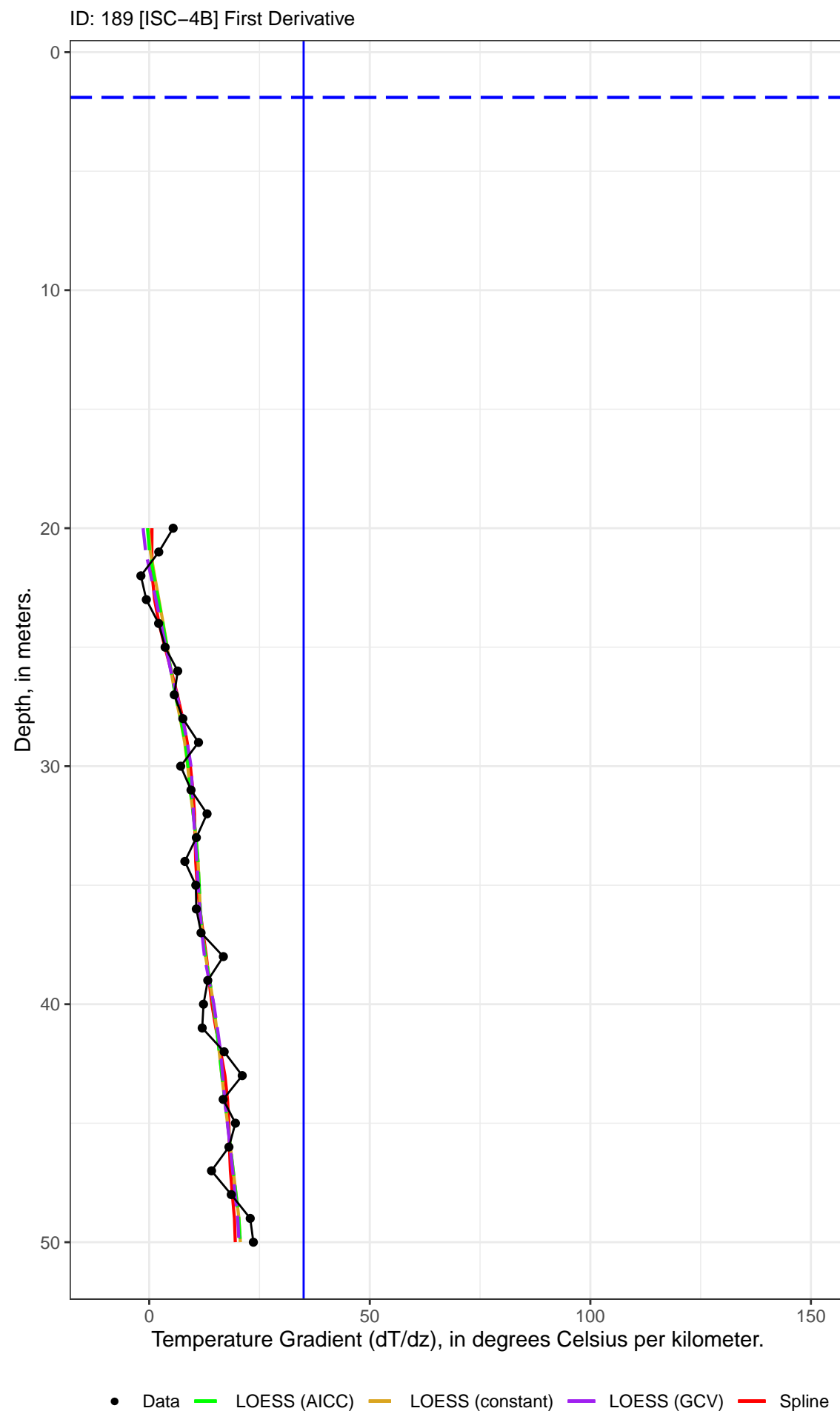
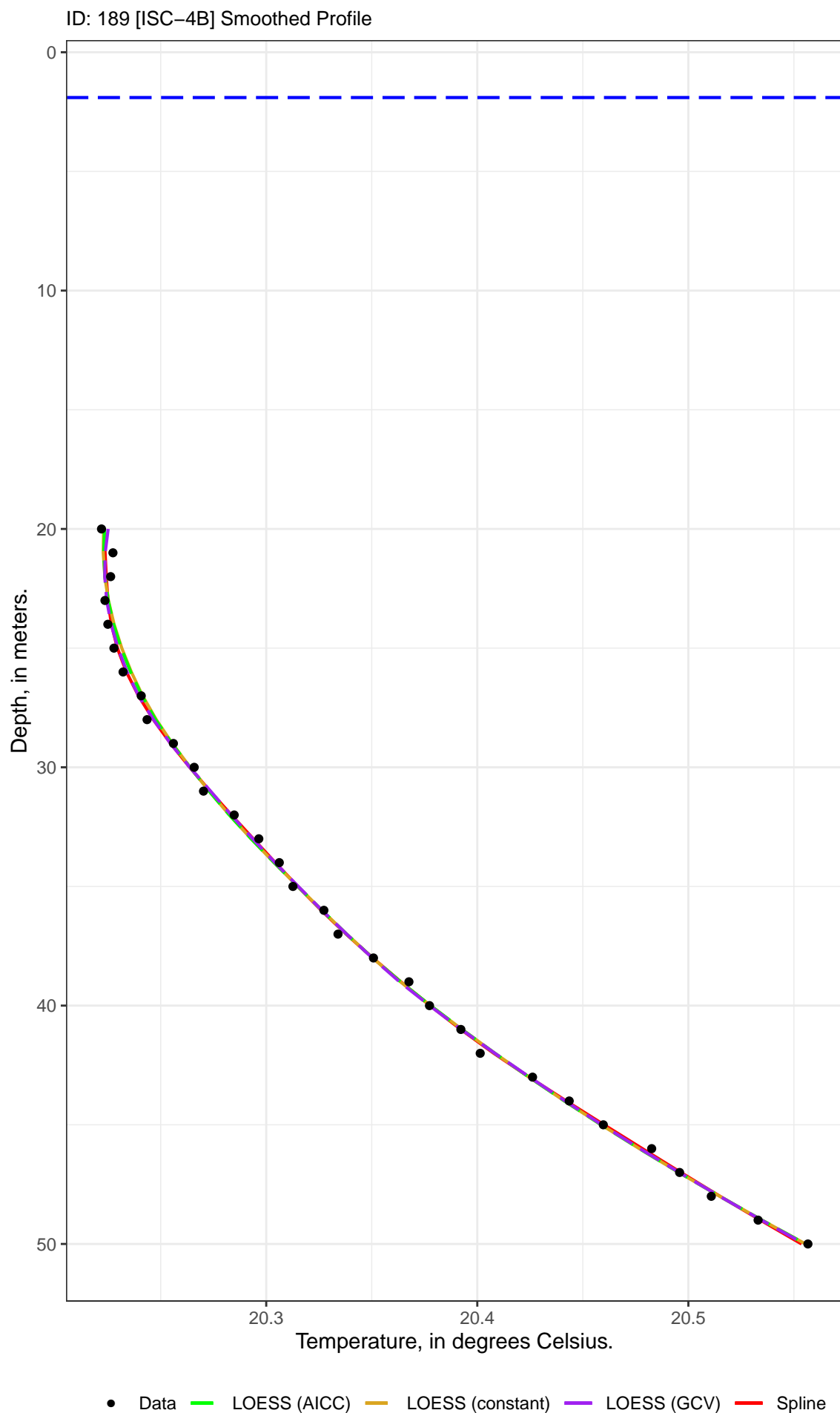


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

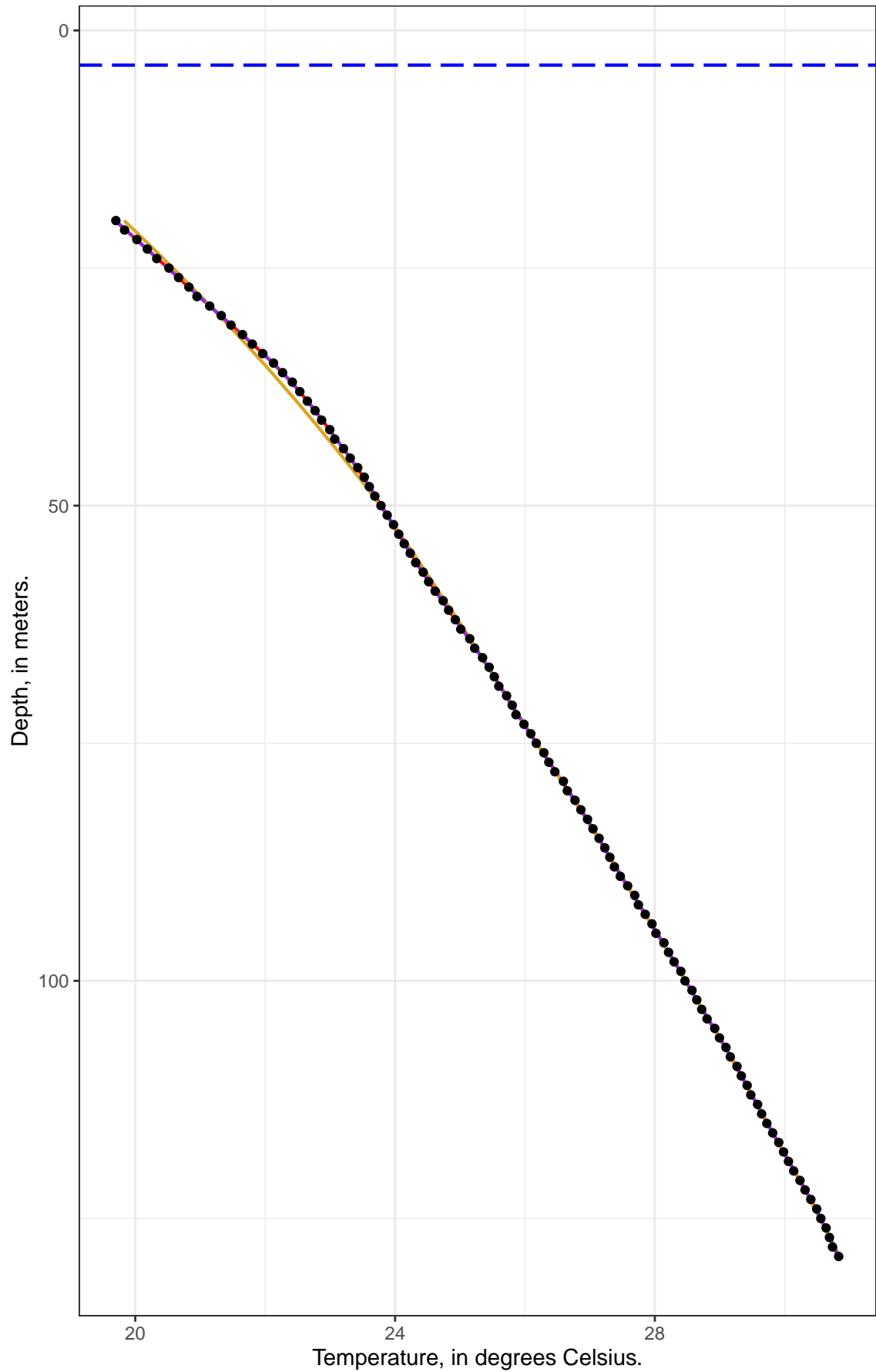
ID: 187 [ISC-2_160] Second Derivative



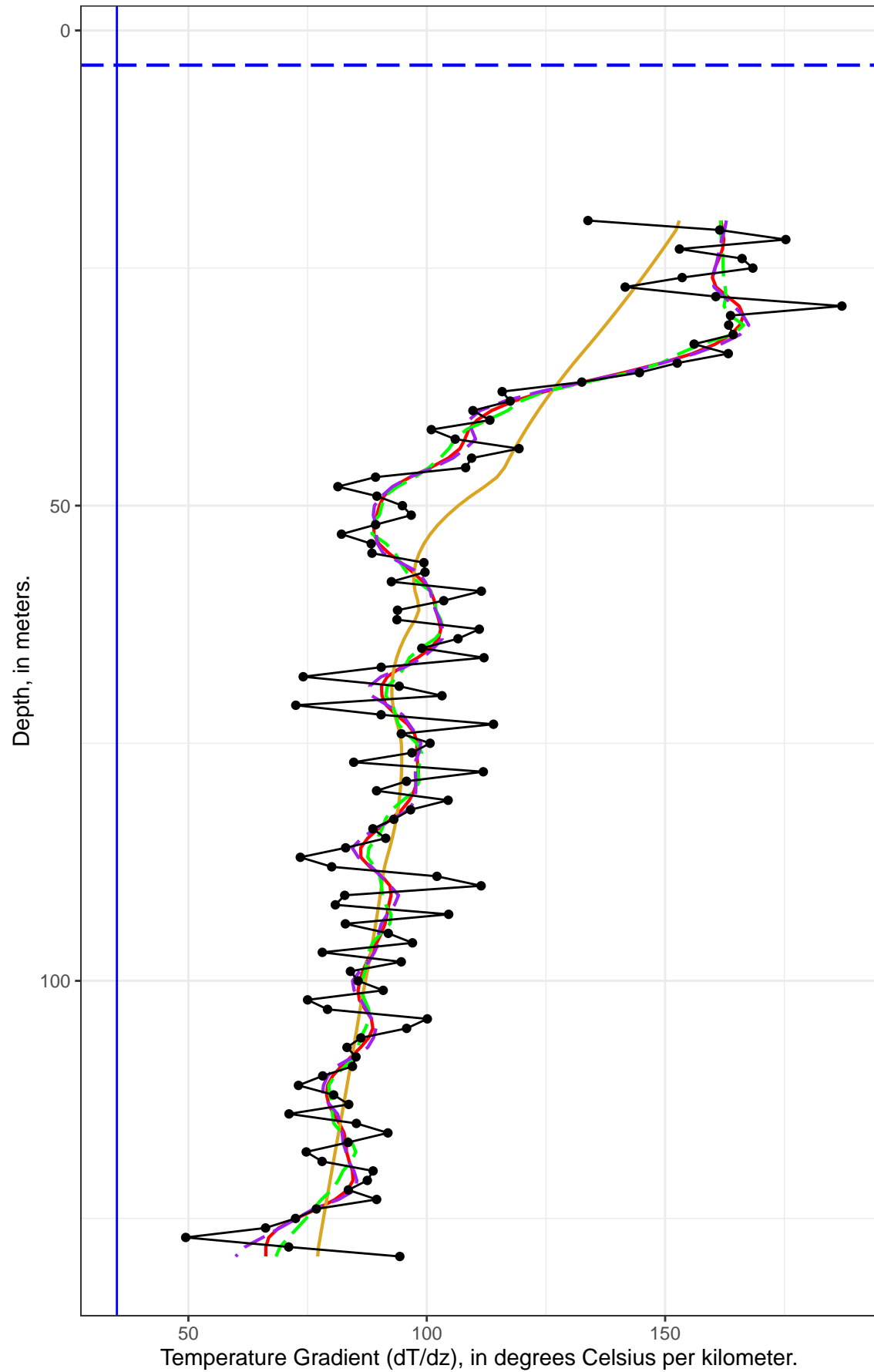
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline



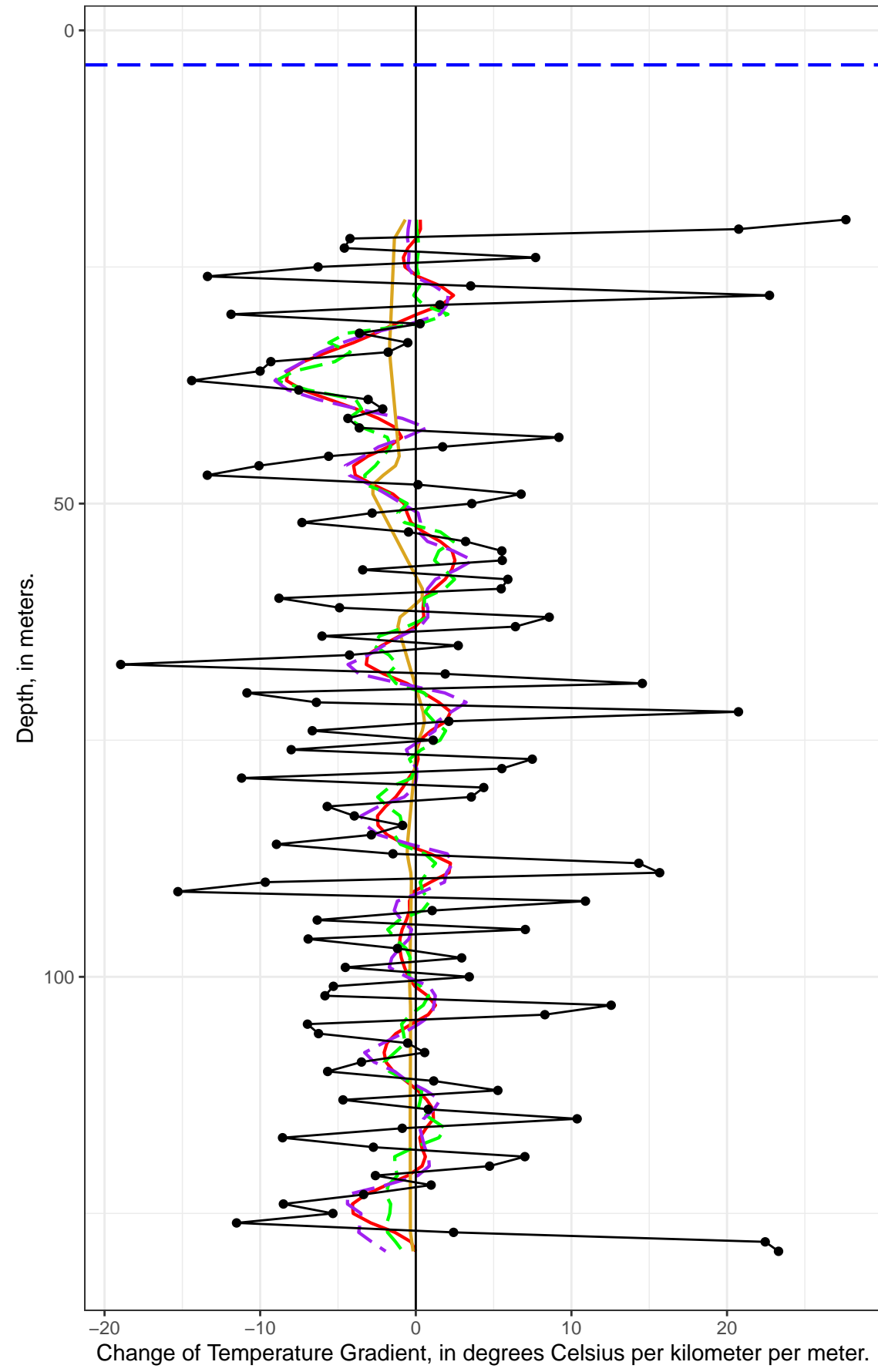
ID: 190 [ISC-7B] Smoothed Profile



ID: 190 [ISC-7B] First Derivative



ID: 190 [ISC-7B] Second Derivative

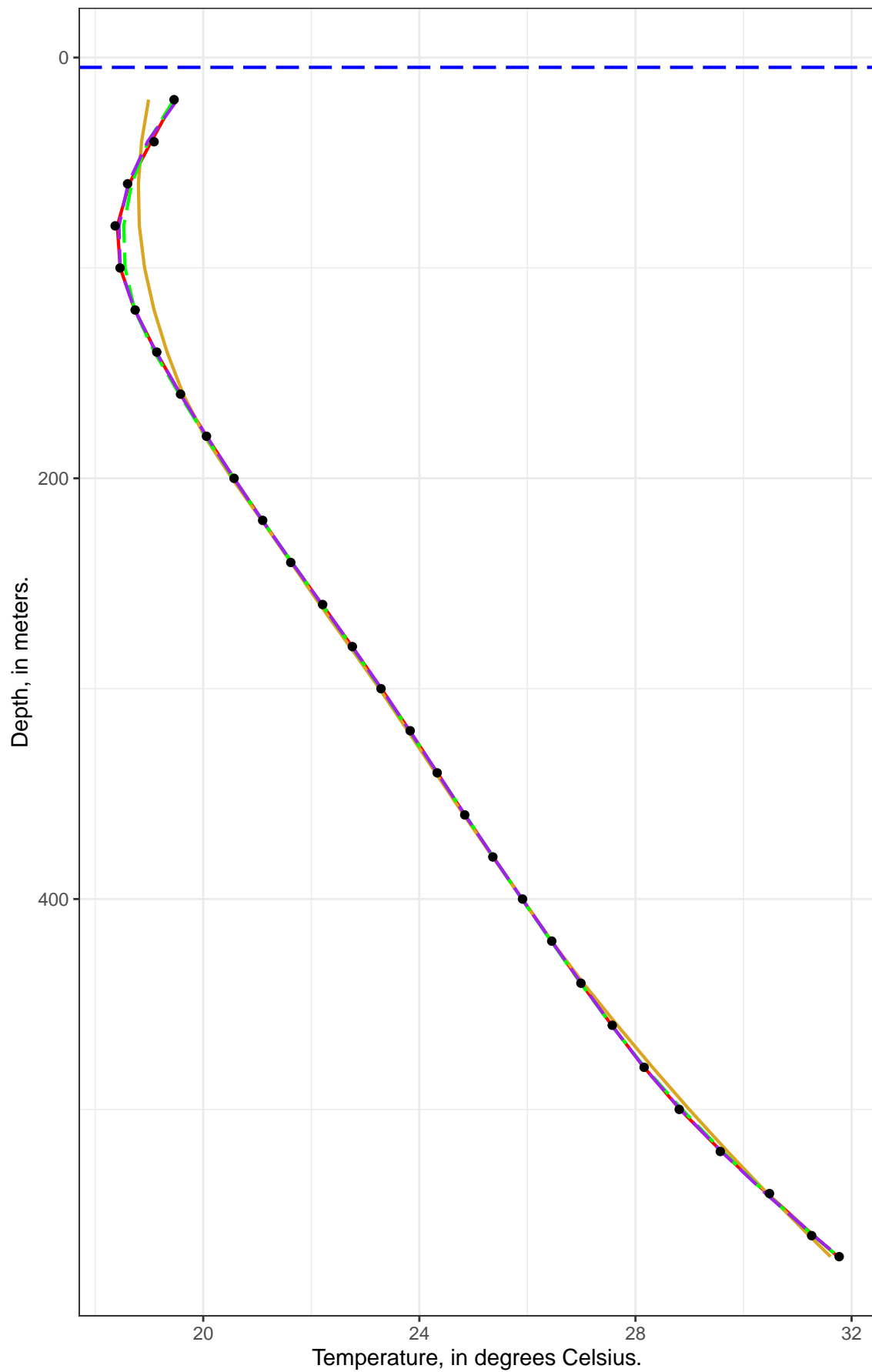


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

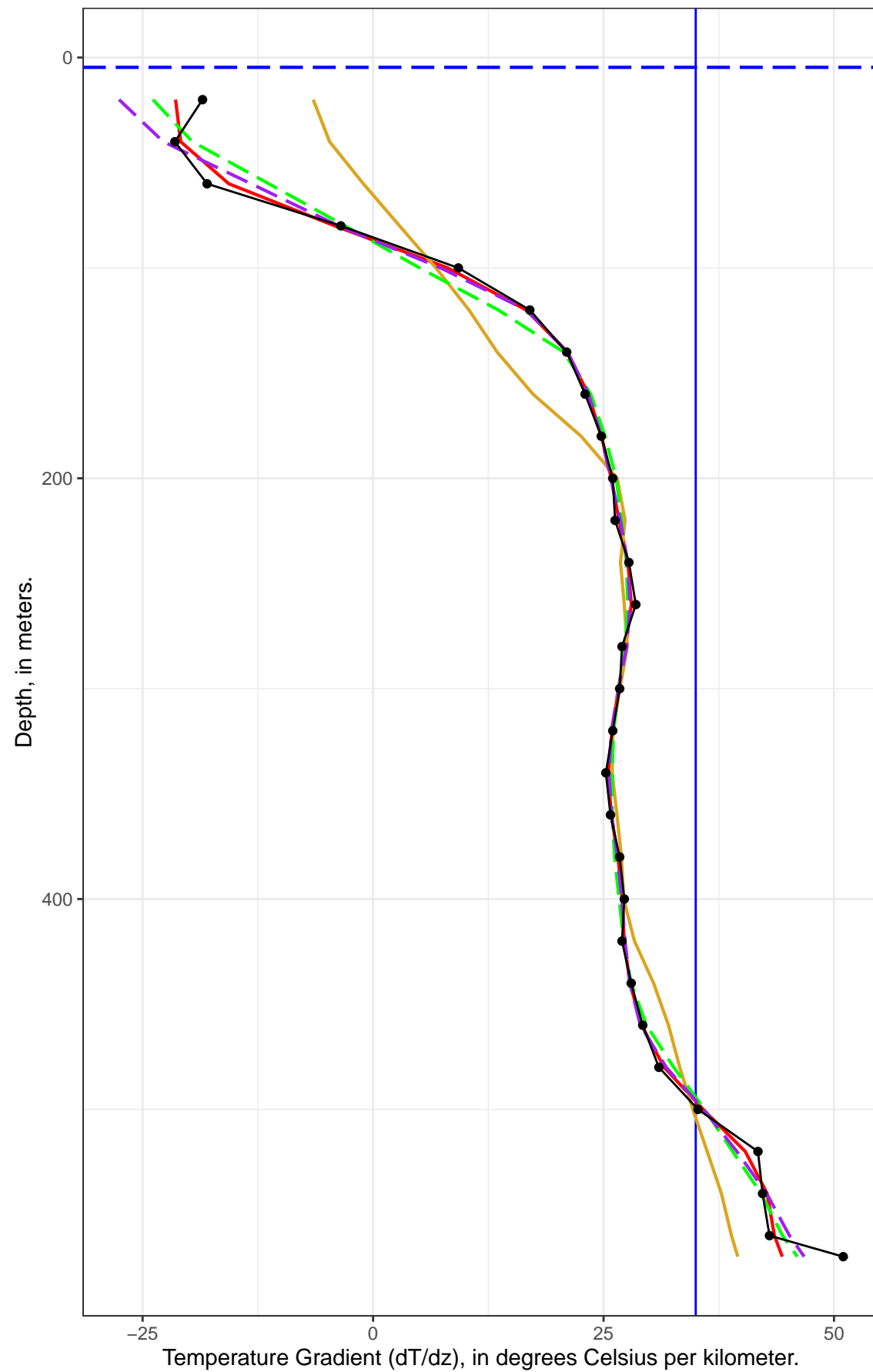
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

ID: 191 [LEP_Well] Smoothed Profile



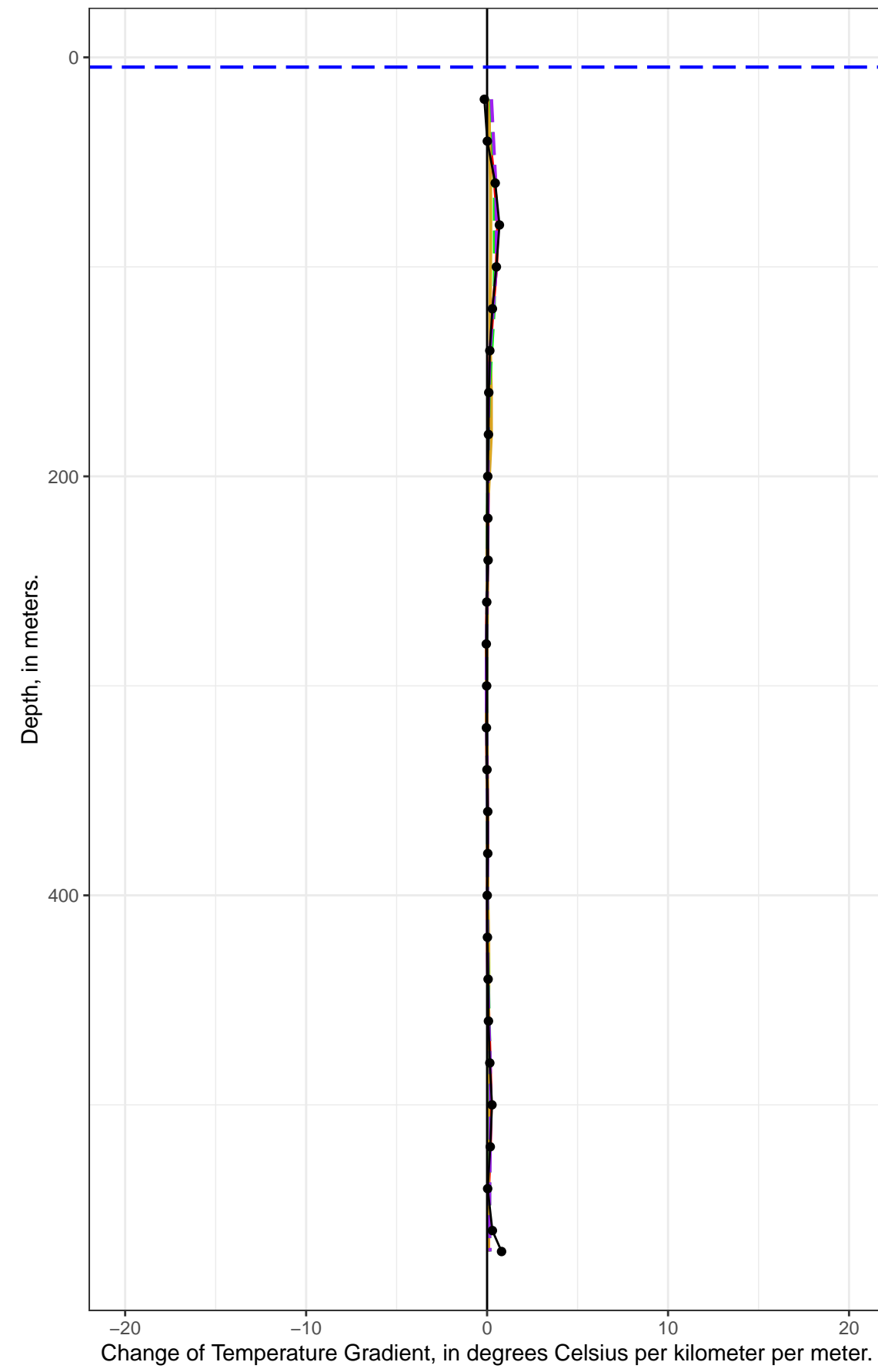
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 191 [LEP_Well] First Derivative



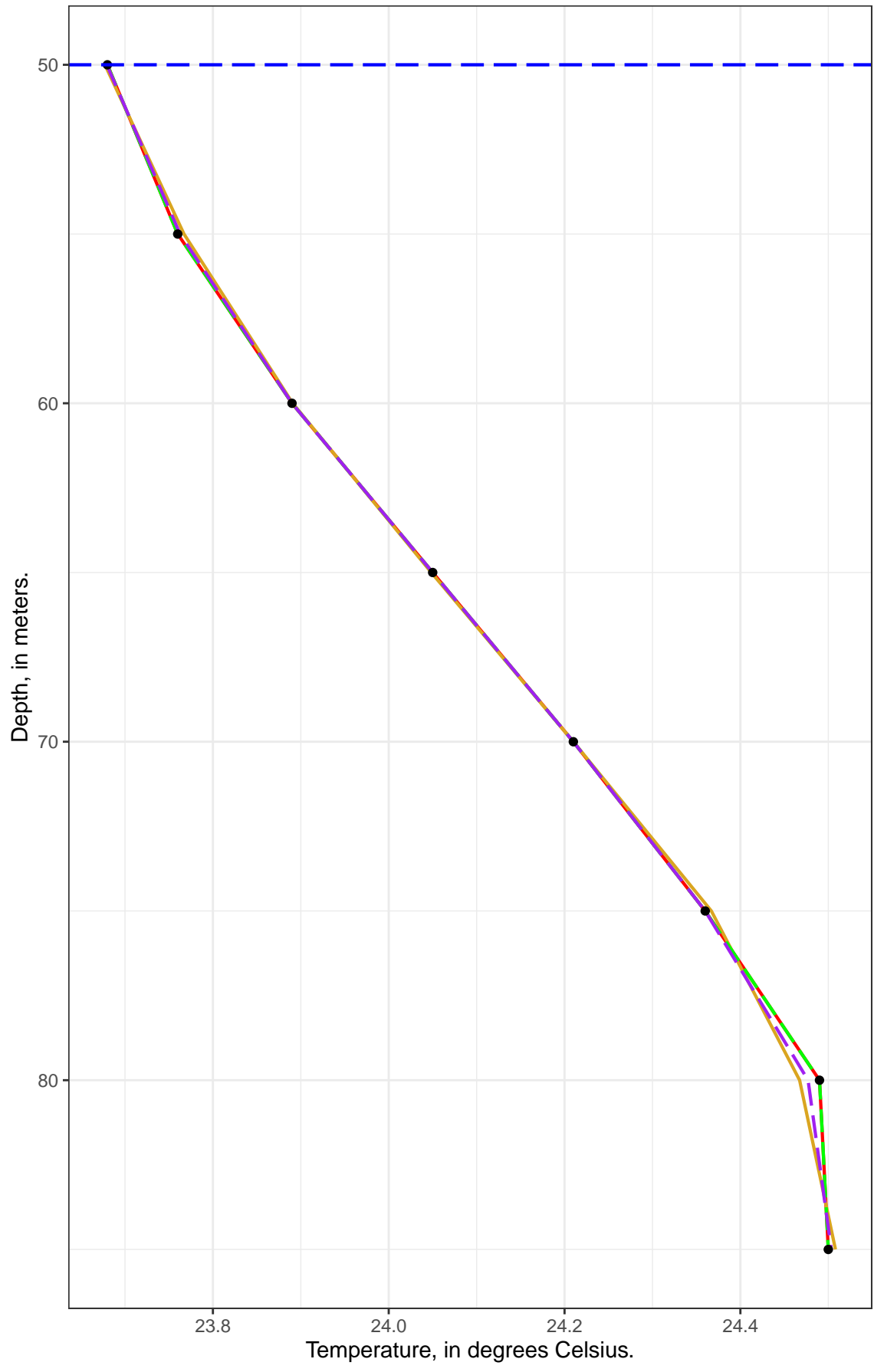
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 191 [LEP_Well] Second Derivative



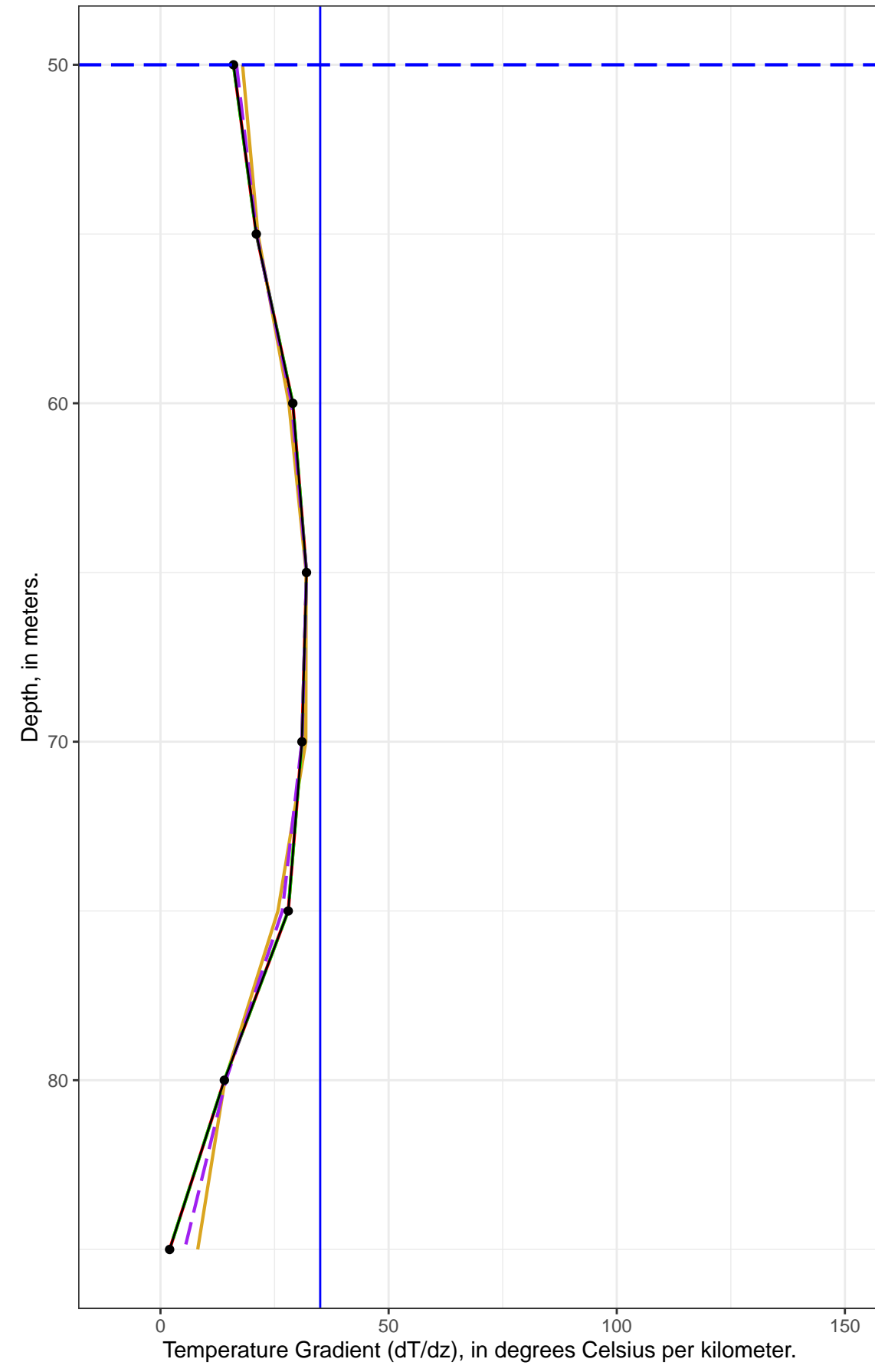
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 192 [LA-1_S_Well] Smoothed Profile



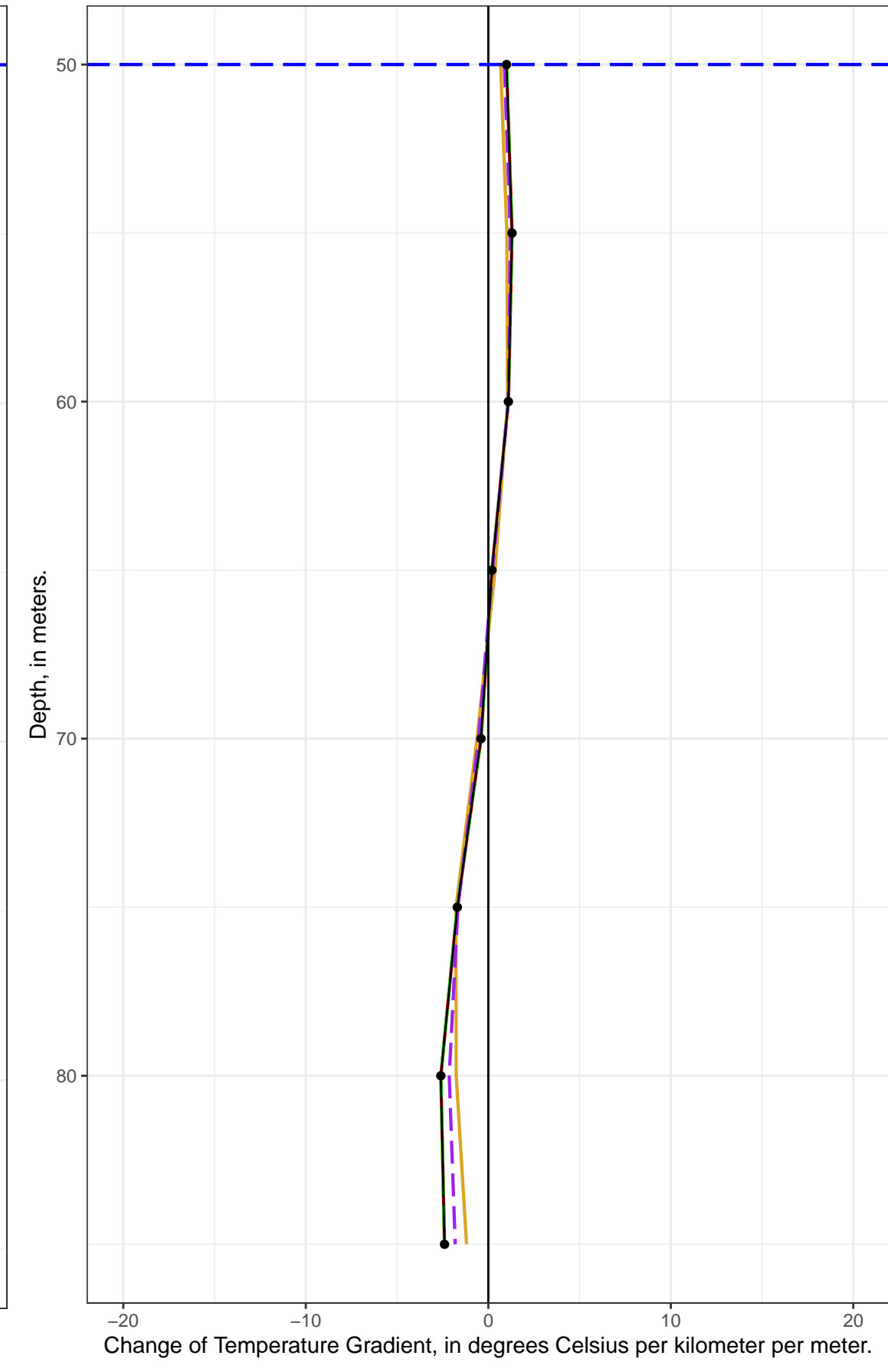
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

ID: 192 [LA-1_S_Well] First Derivative

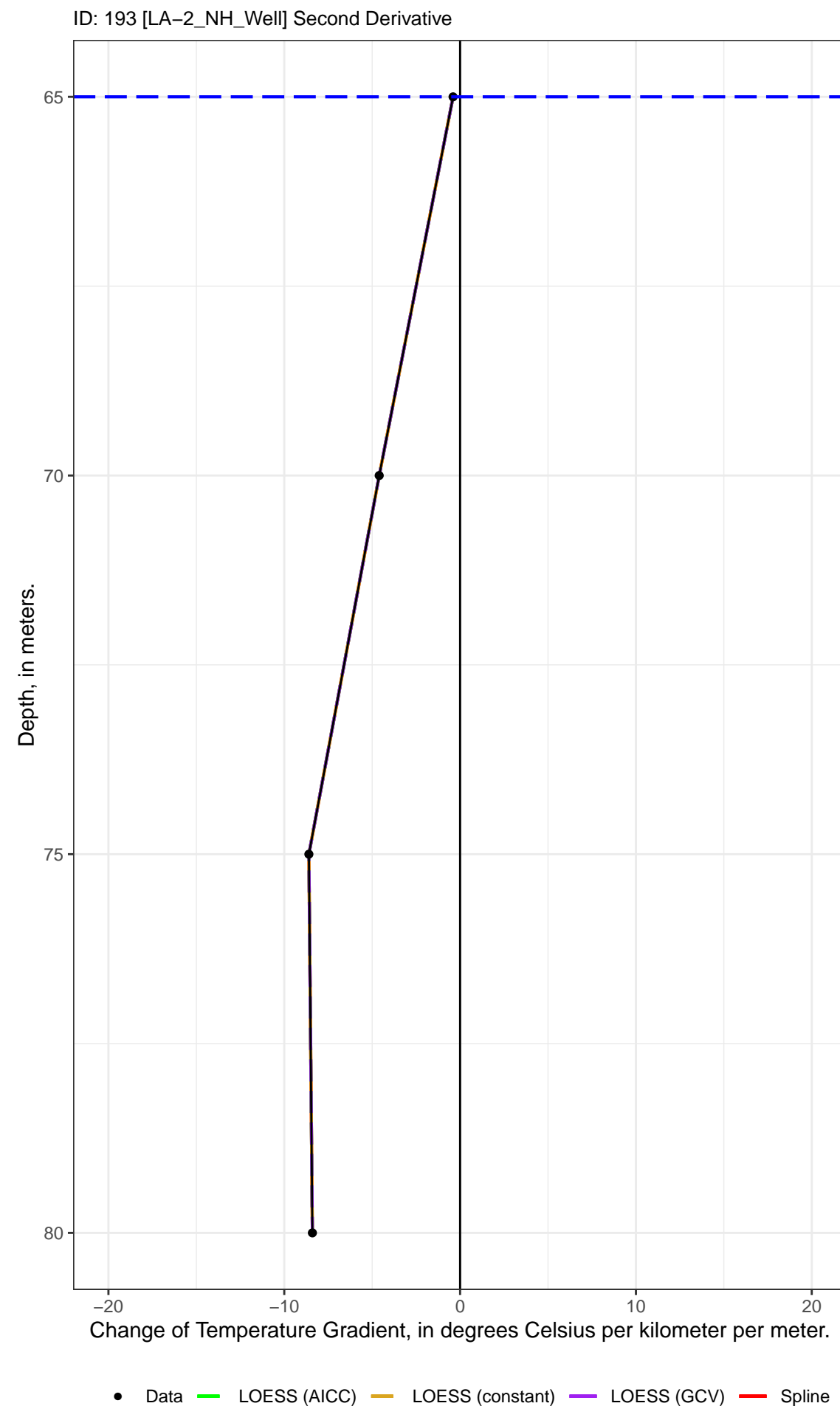
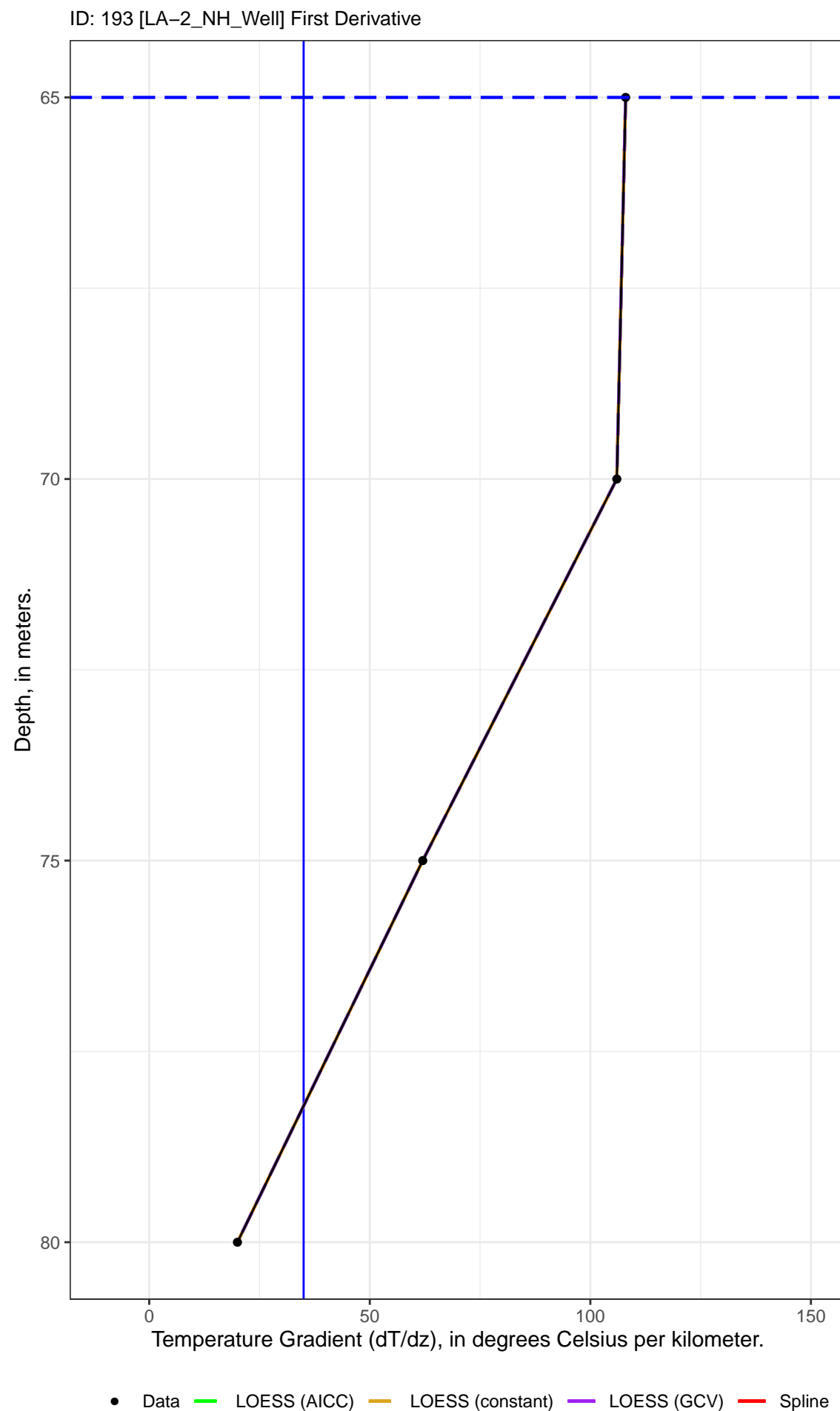
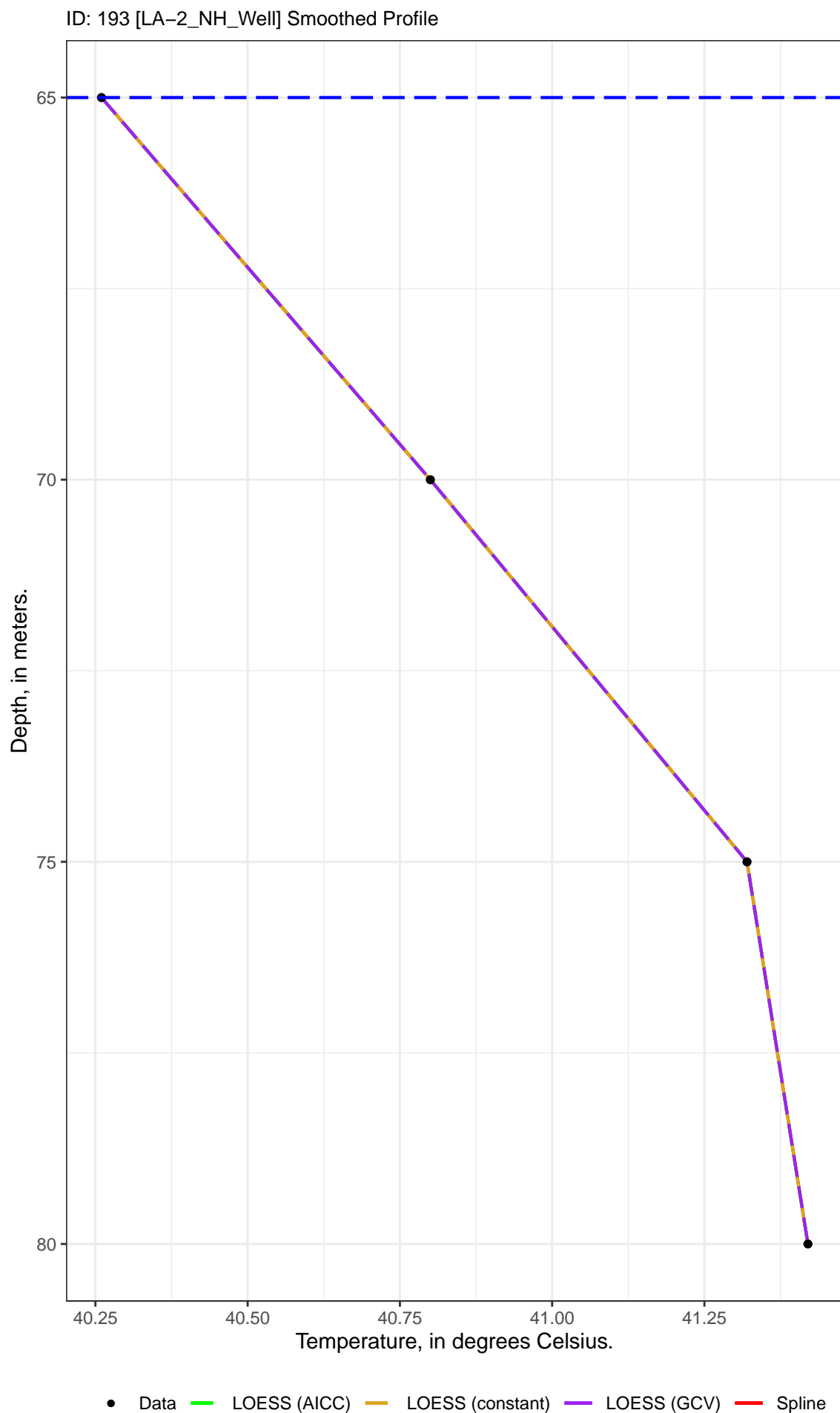


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

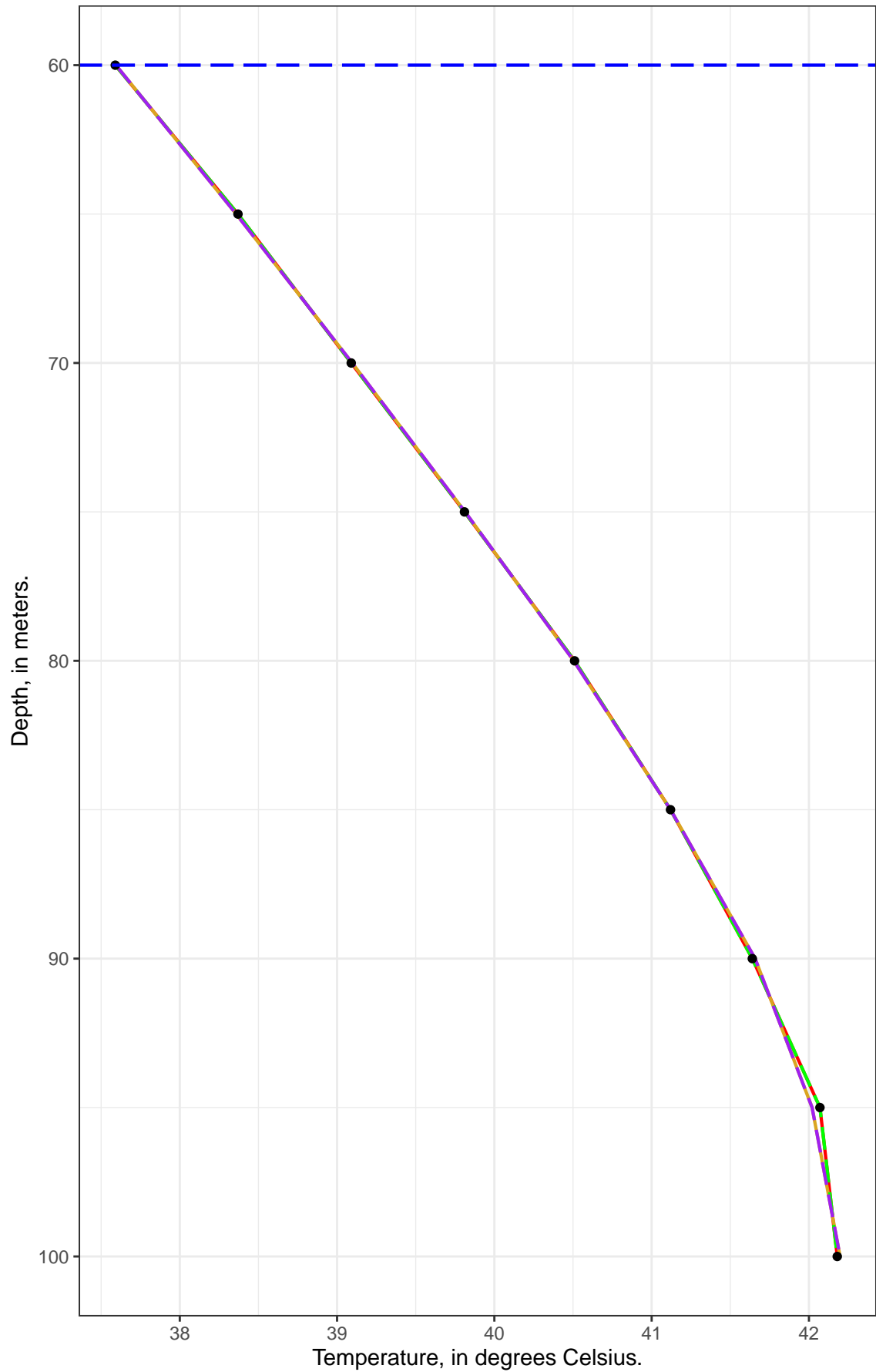
ID: 192 [LA-1_S_Well] Second Derivative



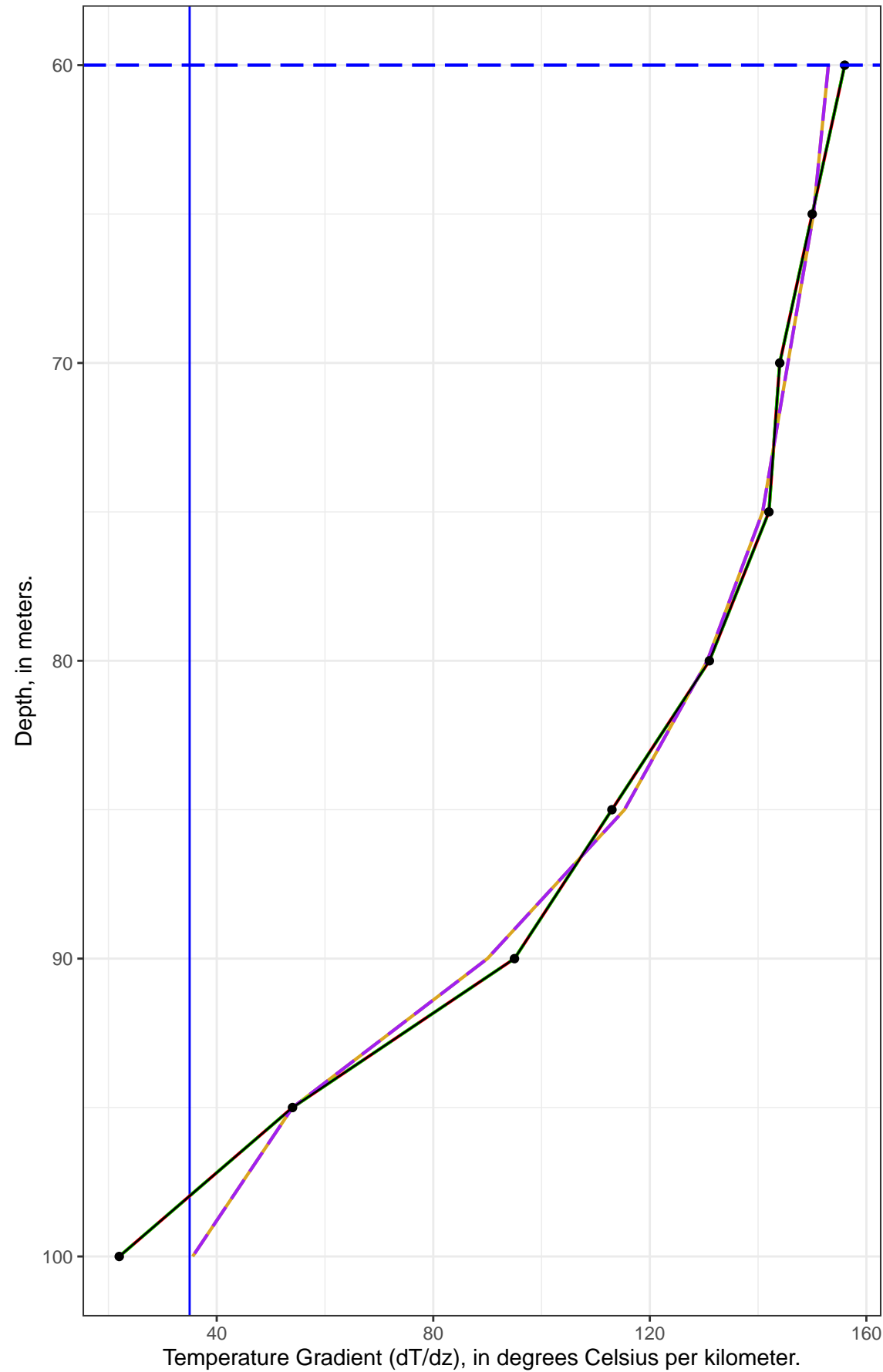
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline



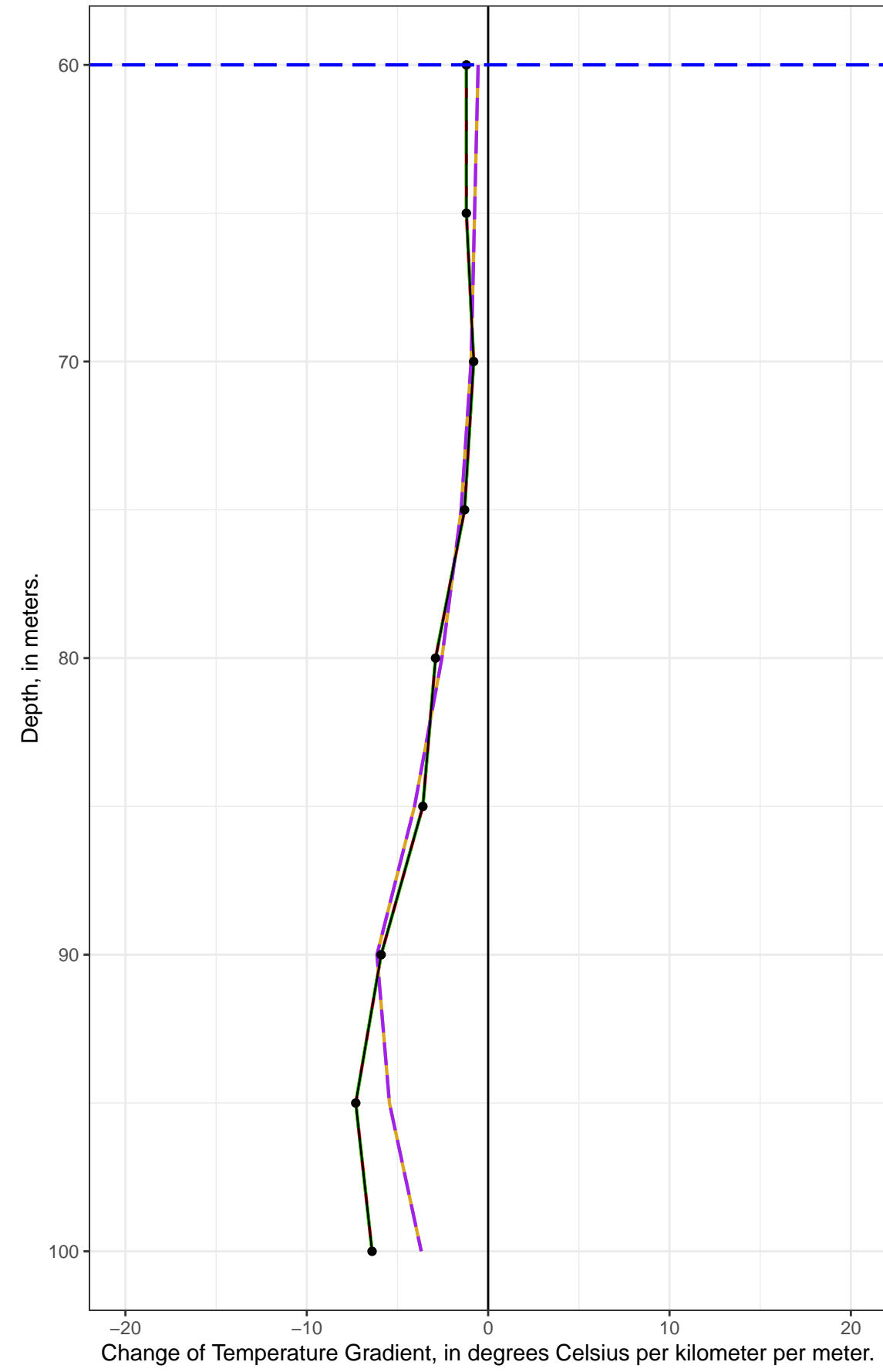
ID: 194 [LA-3_HK_Well] Smoothed Profile



ID: 194 [LA-3_HK_Well] First Derivative



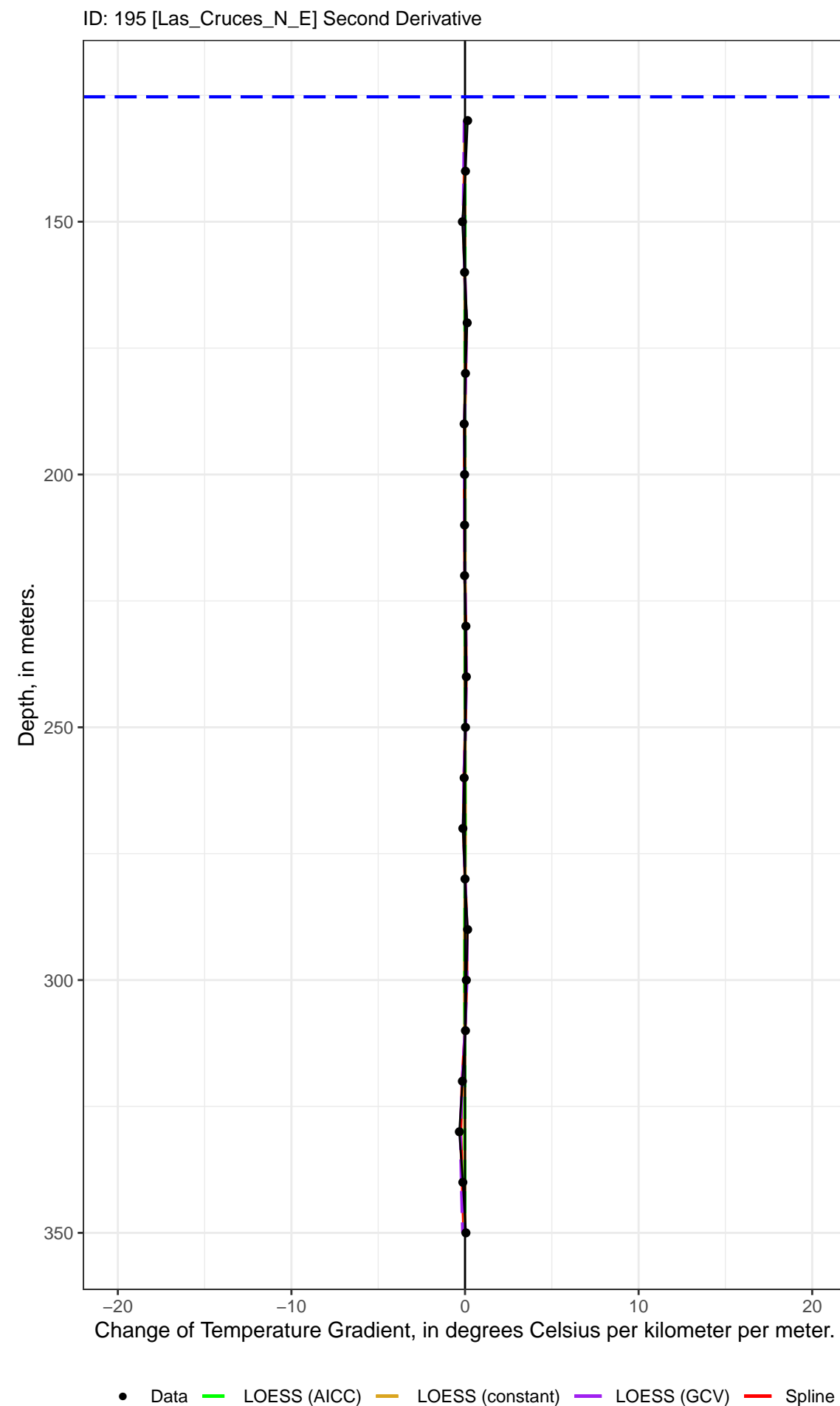
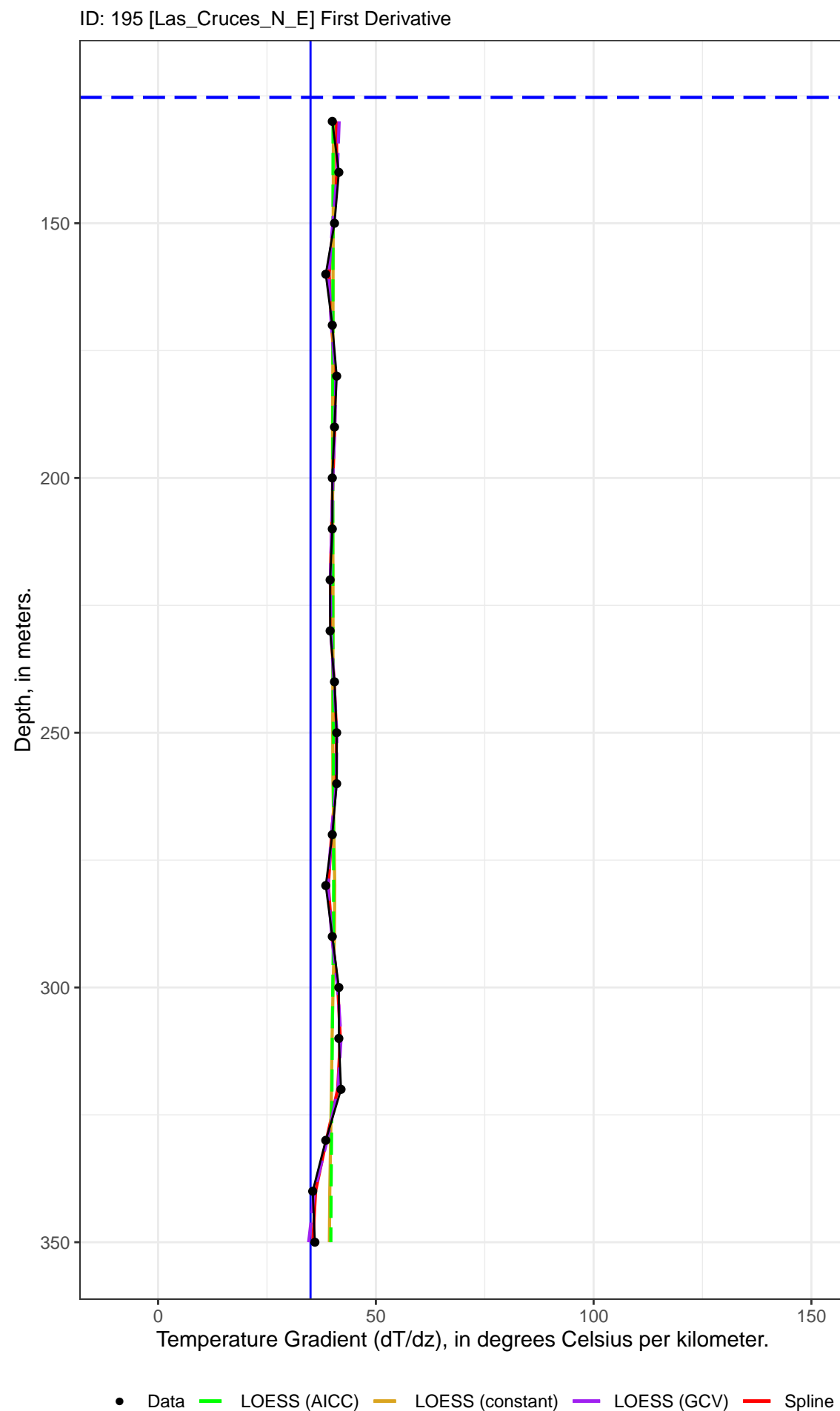
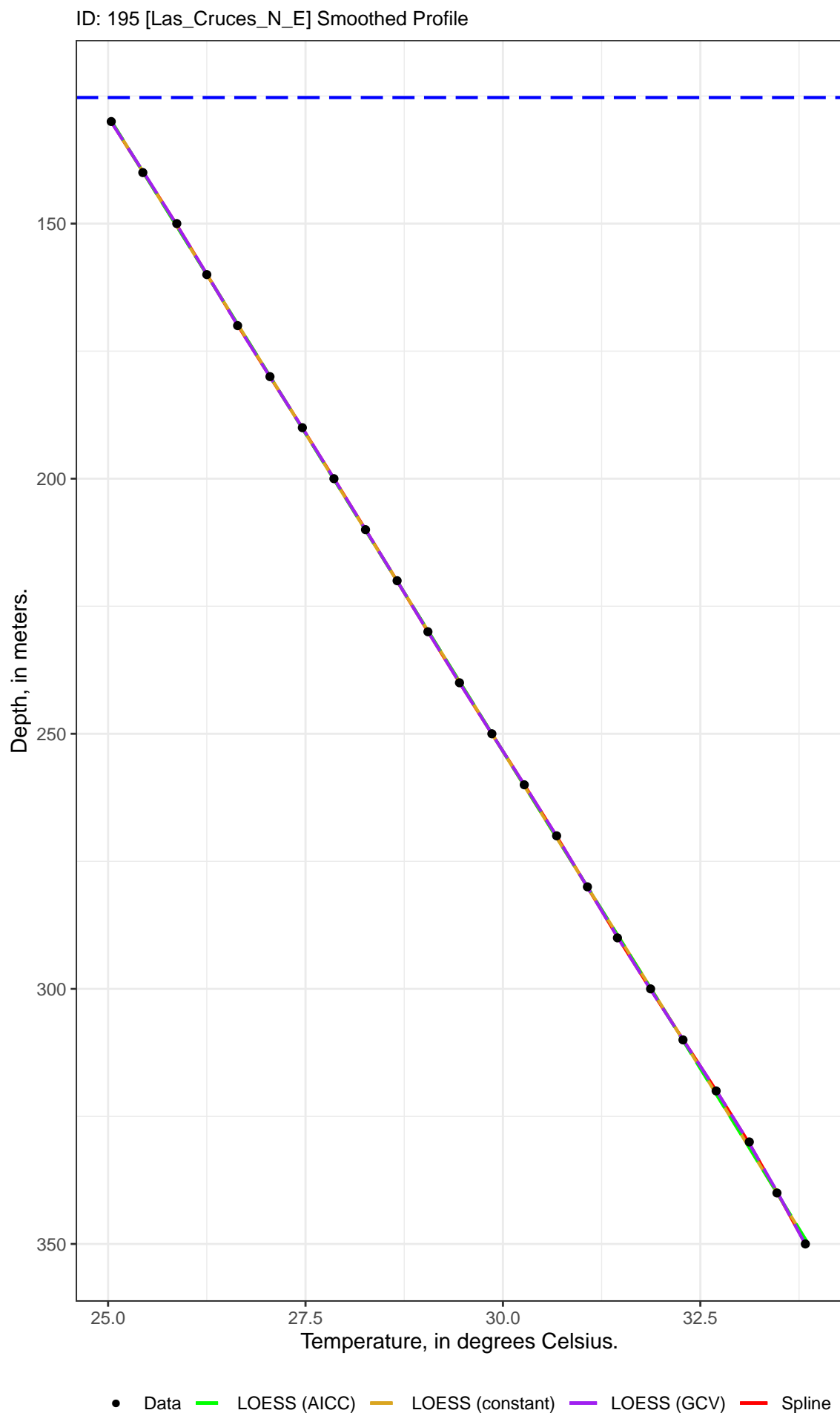
ID: 194 [LA-3_HK_Well] Second Derivative



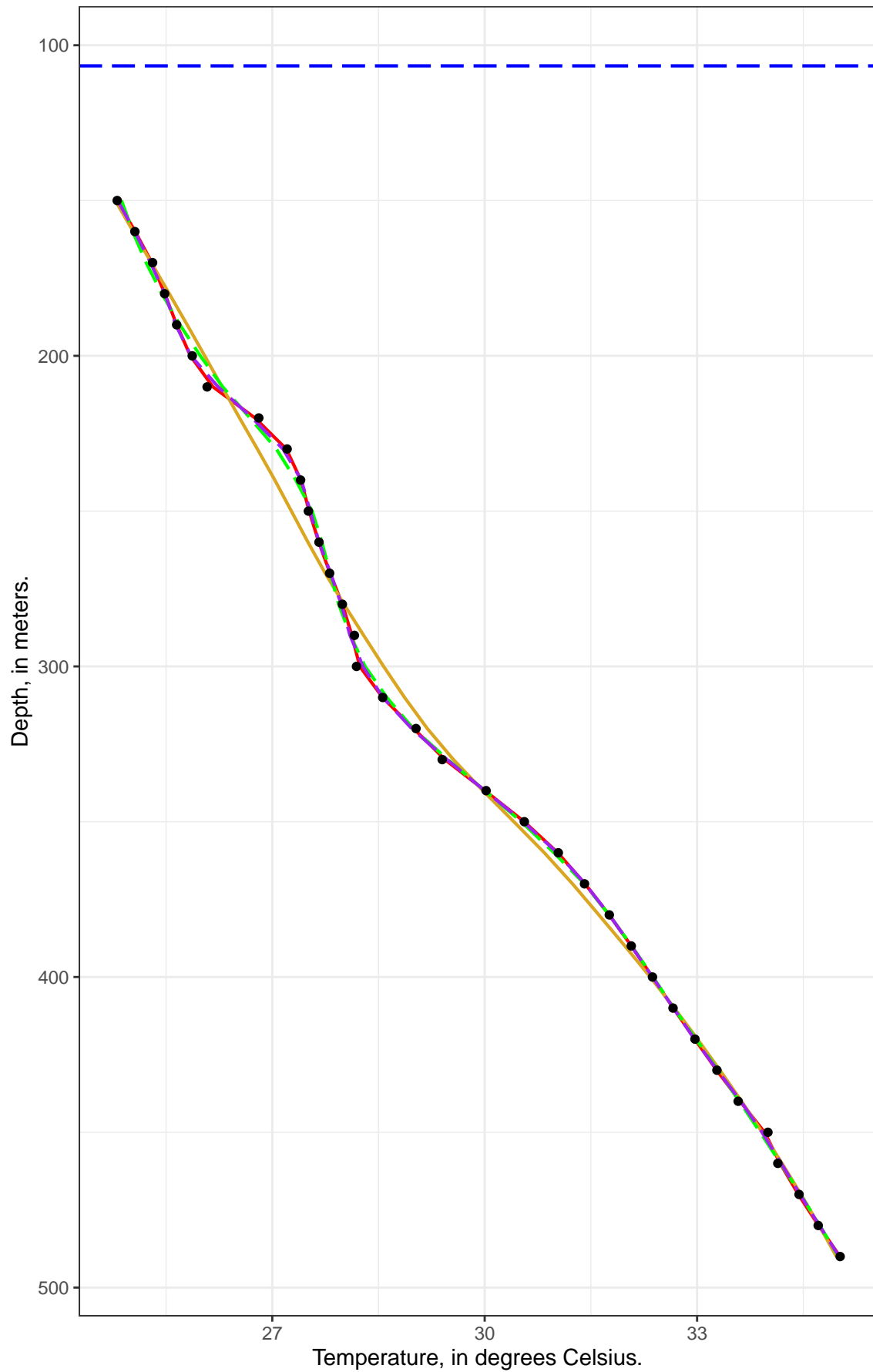
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

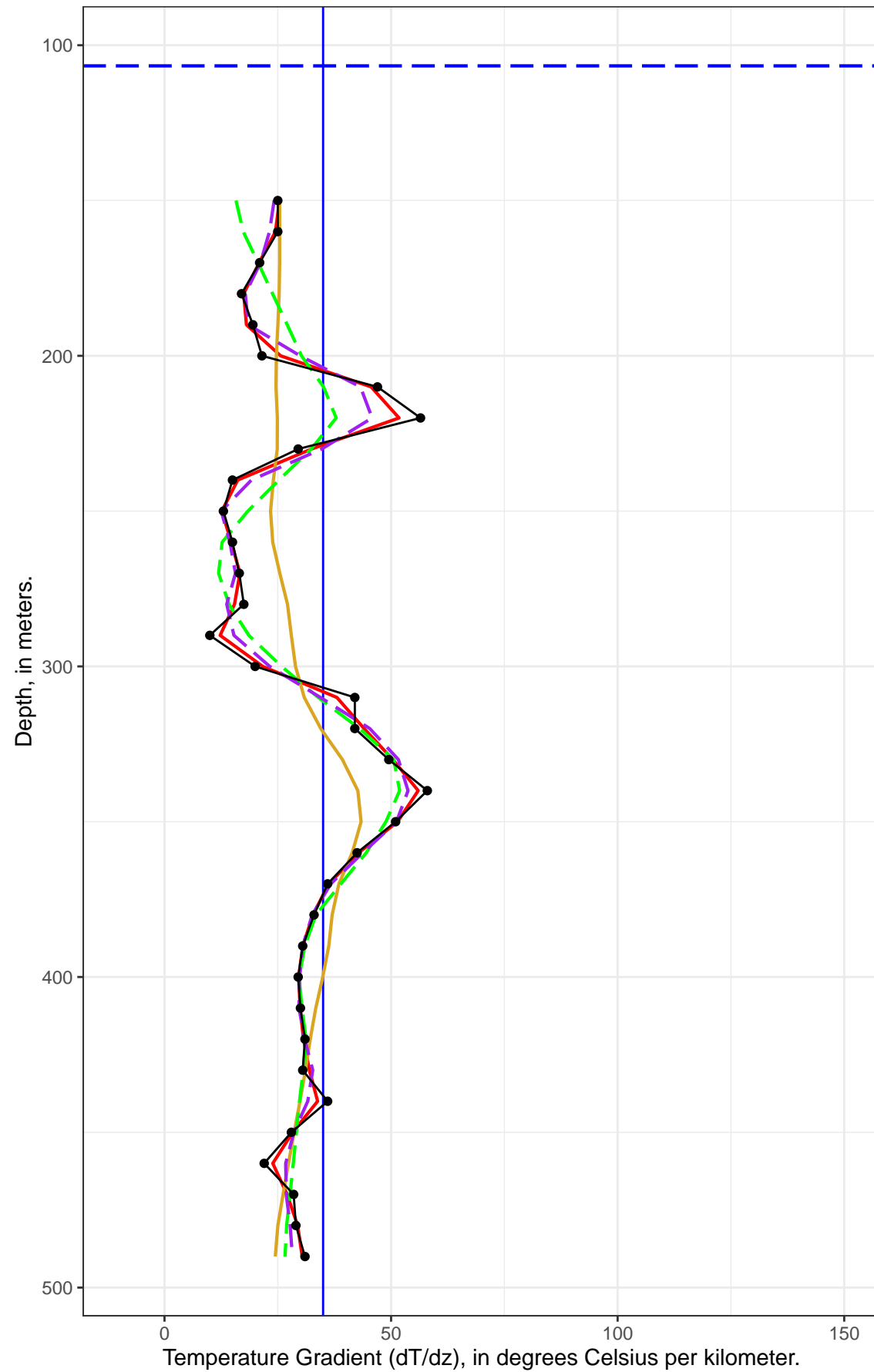
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline



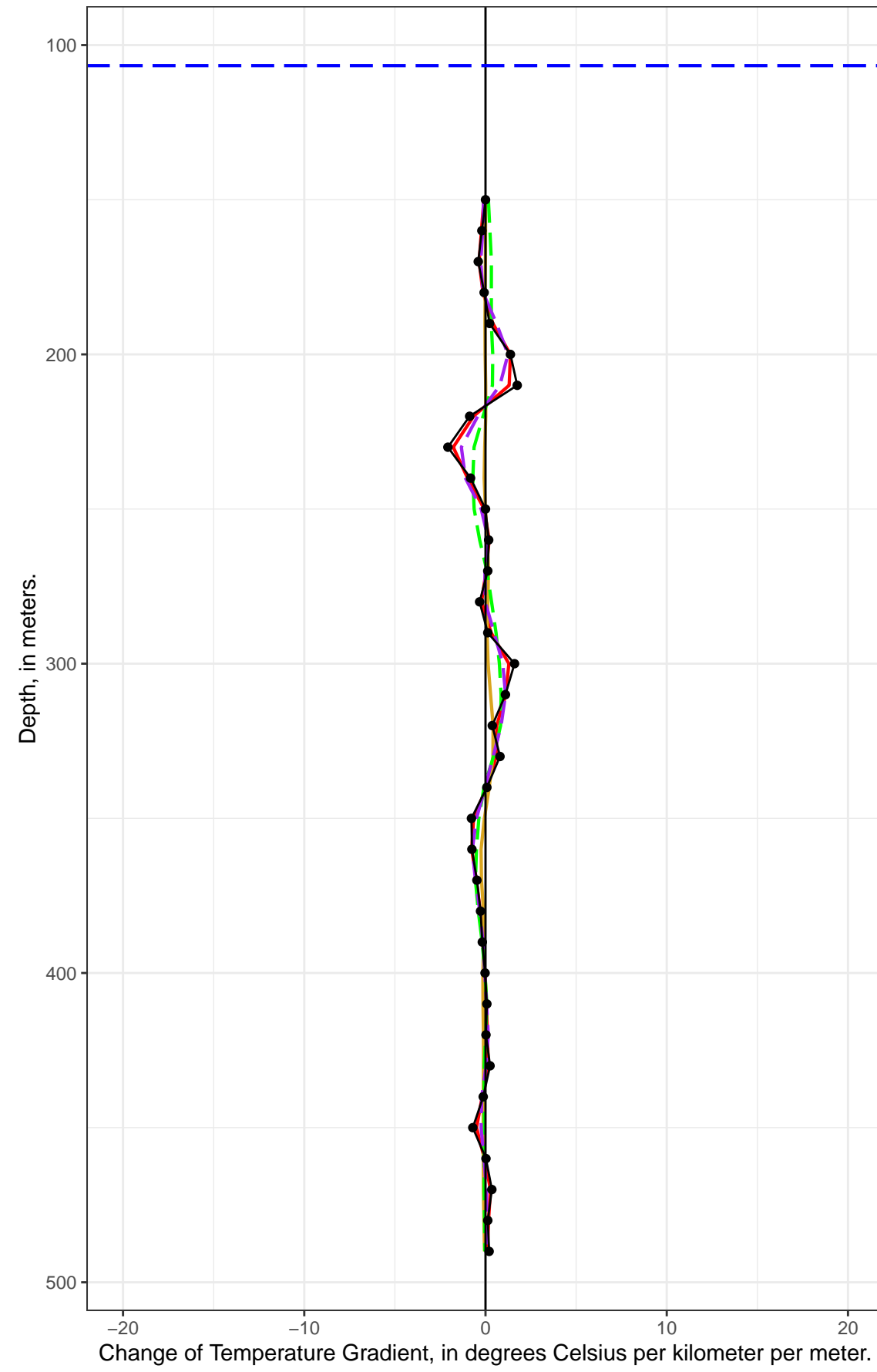
ID: 197 [Las_Cruces_S_W] Smoothed Profile



ID: 197 [Las_Cruces_S_W] First Derivative



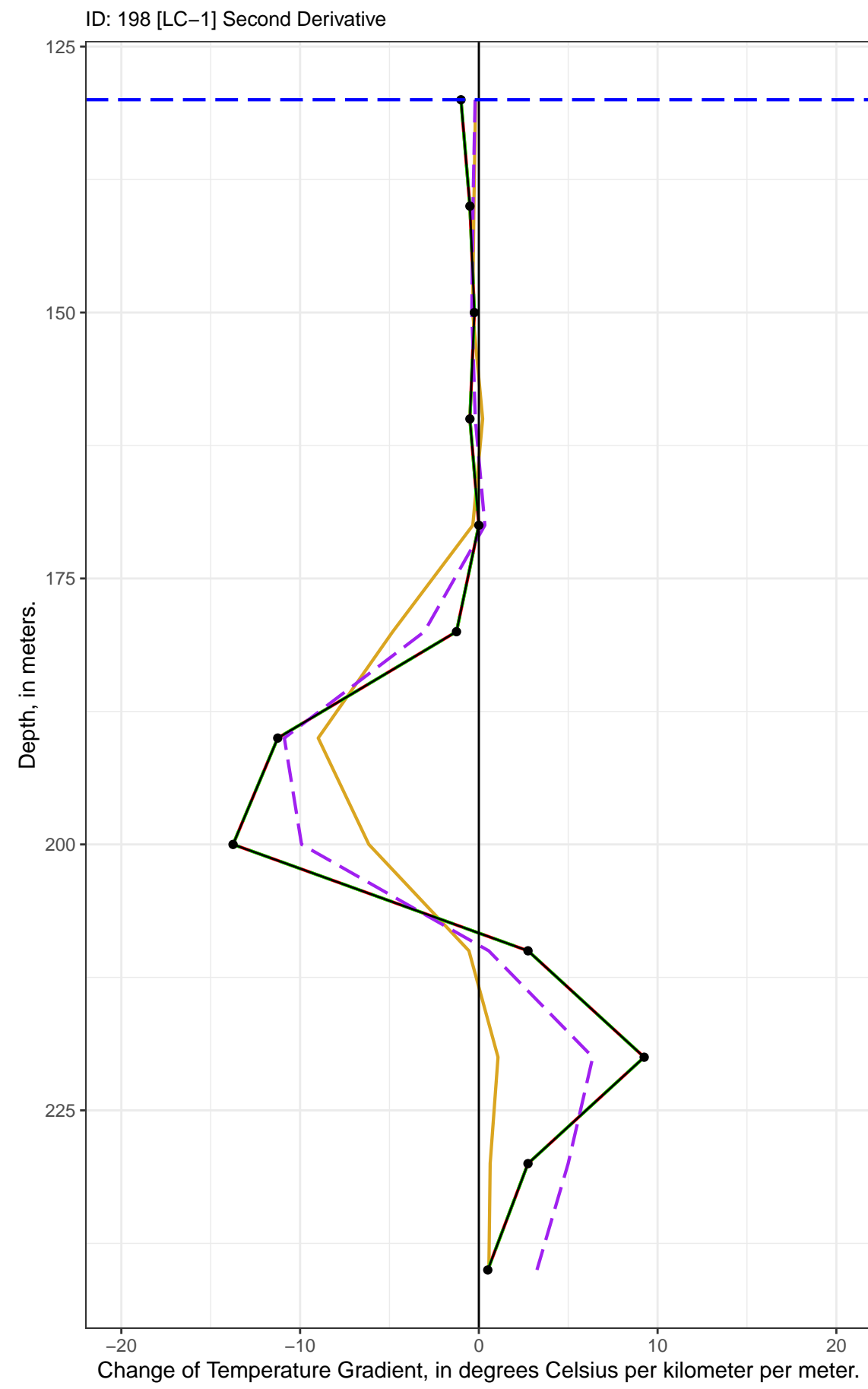
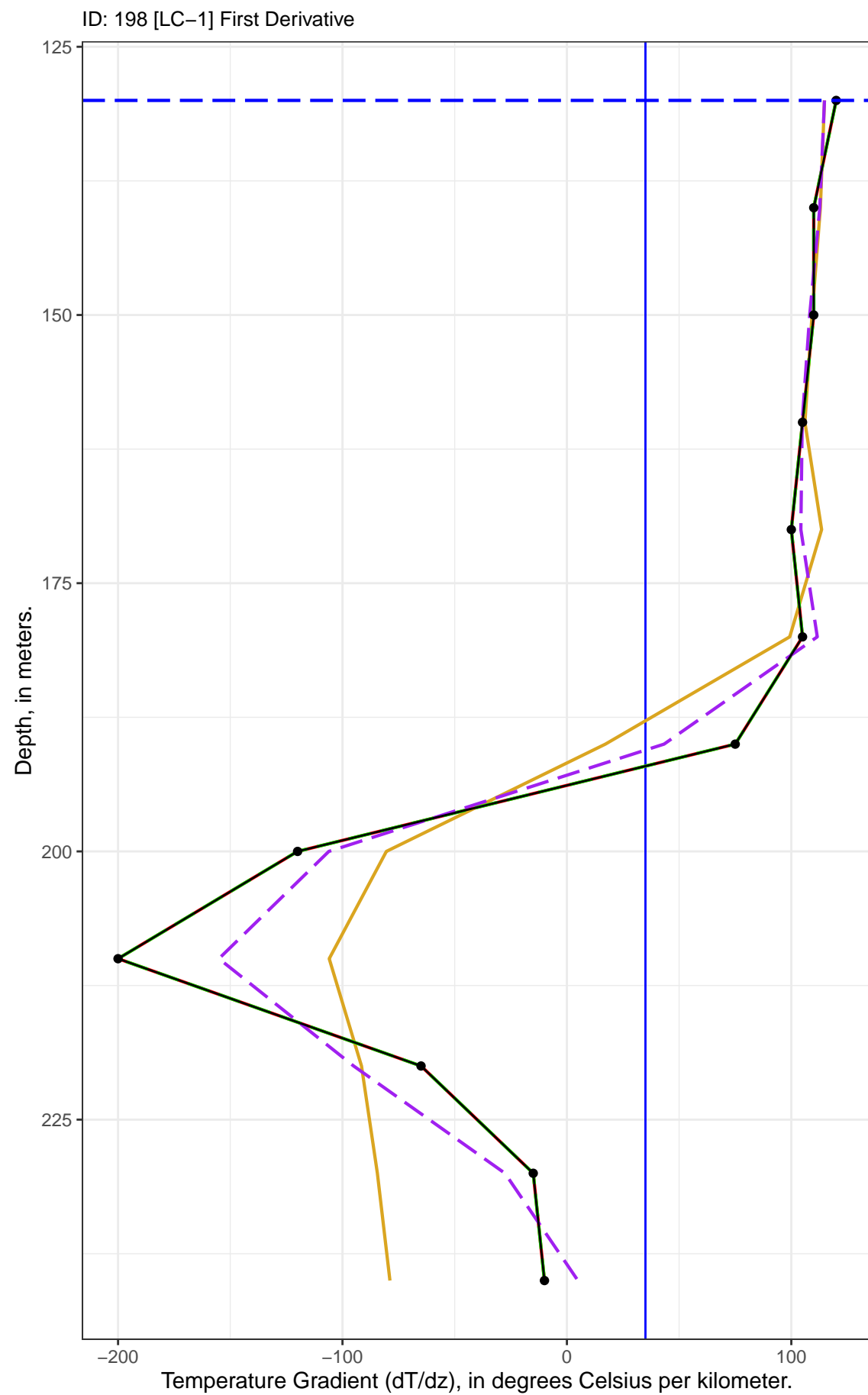
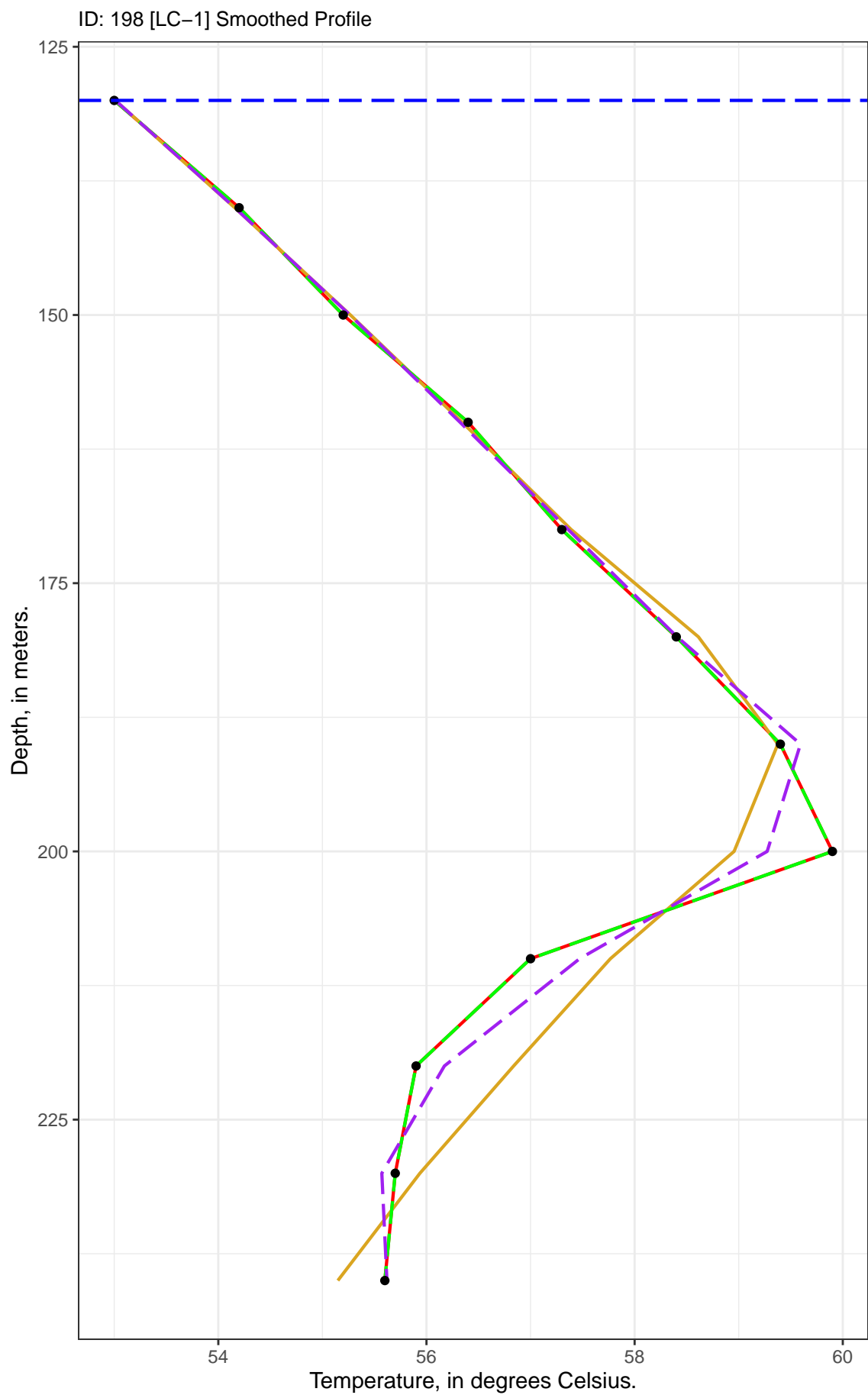
ID: 197 [Las_Cruces_S_W] Second Derivative



• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

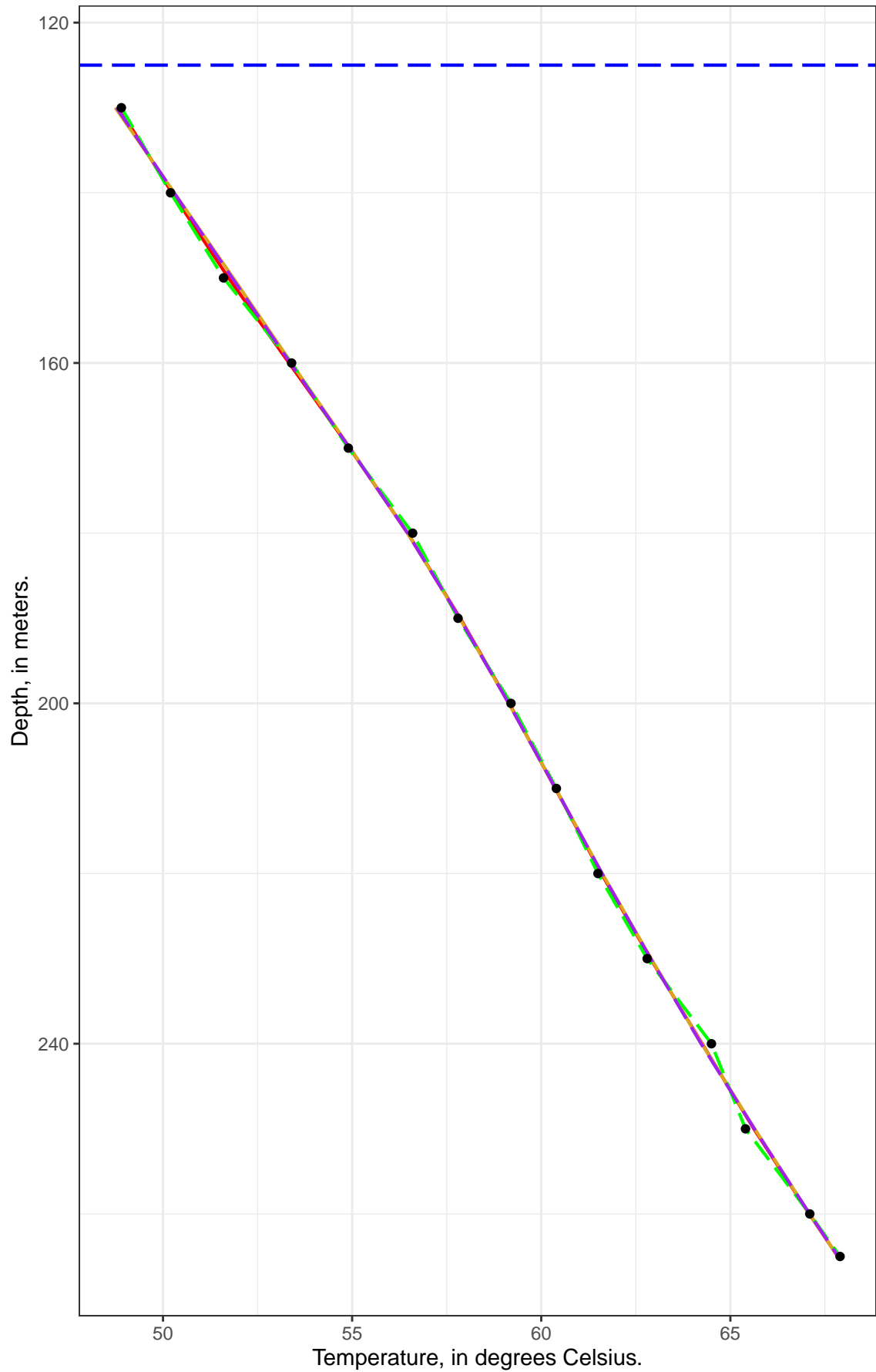


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

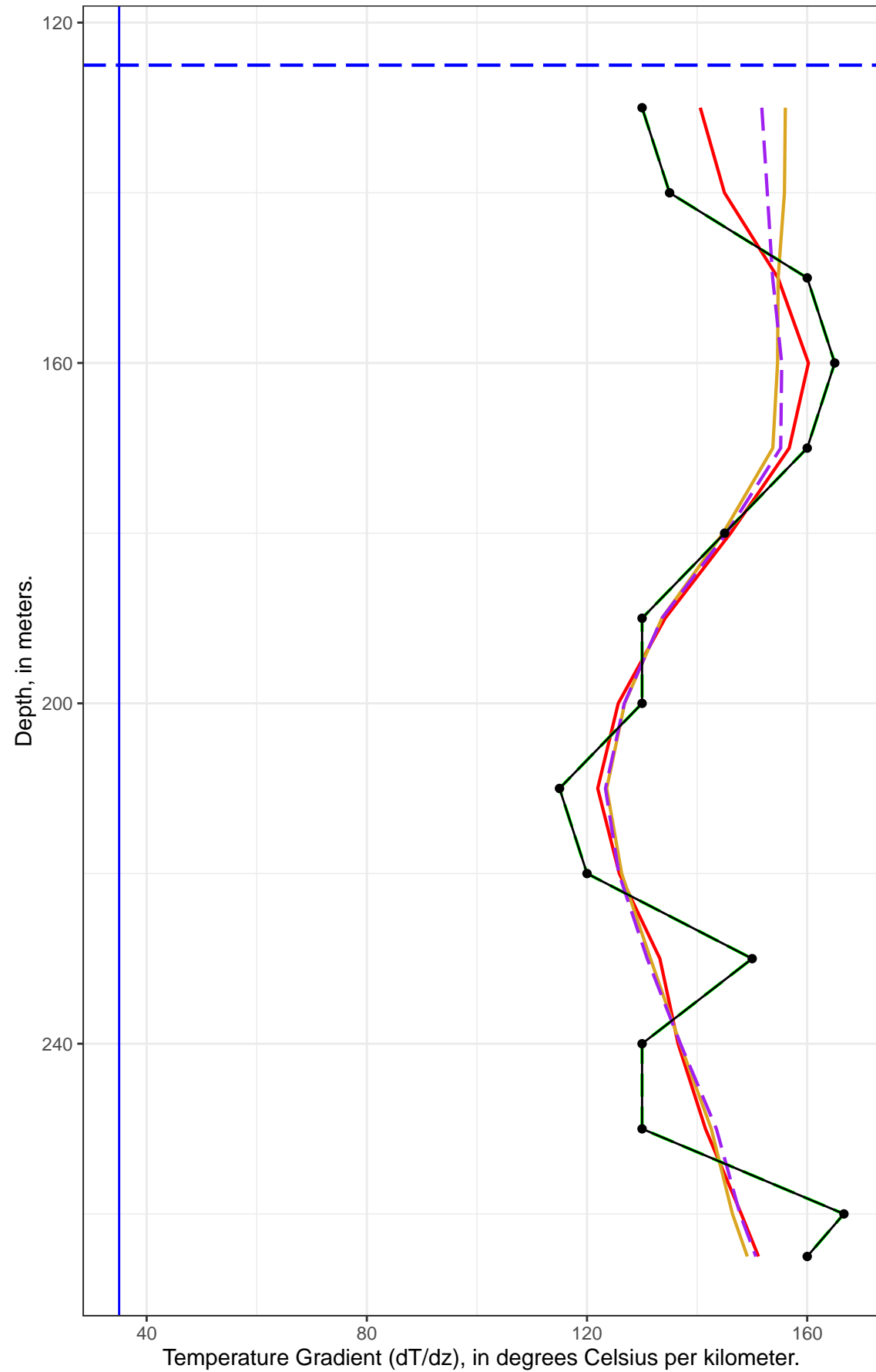
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

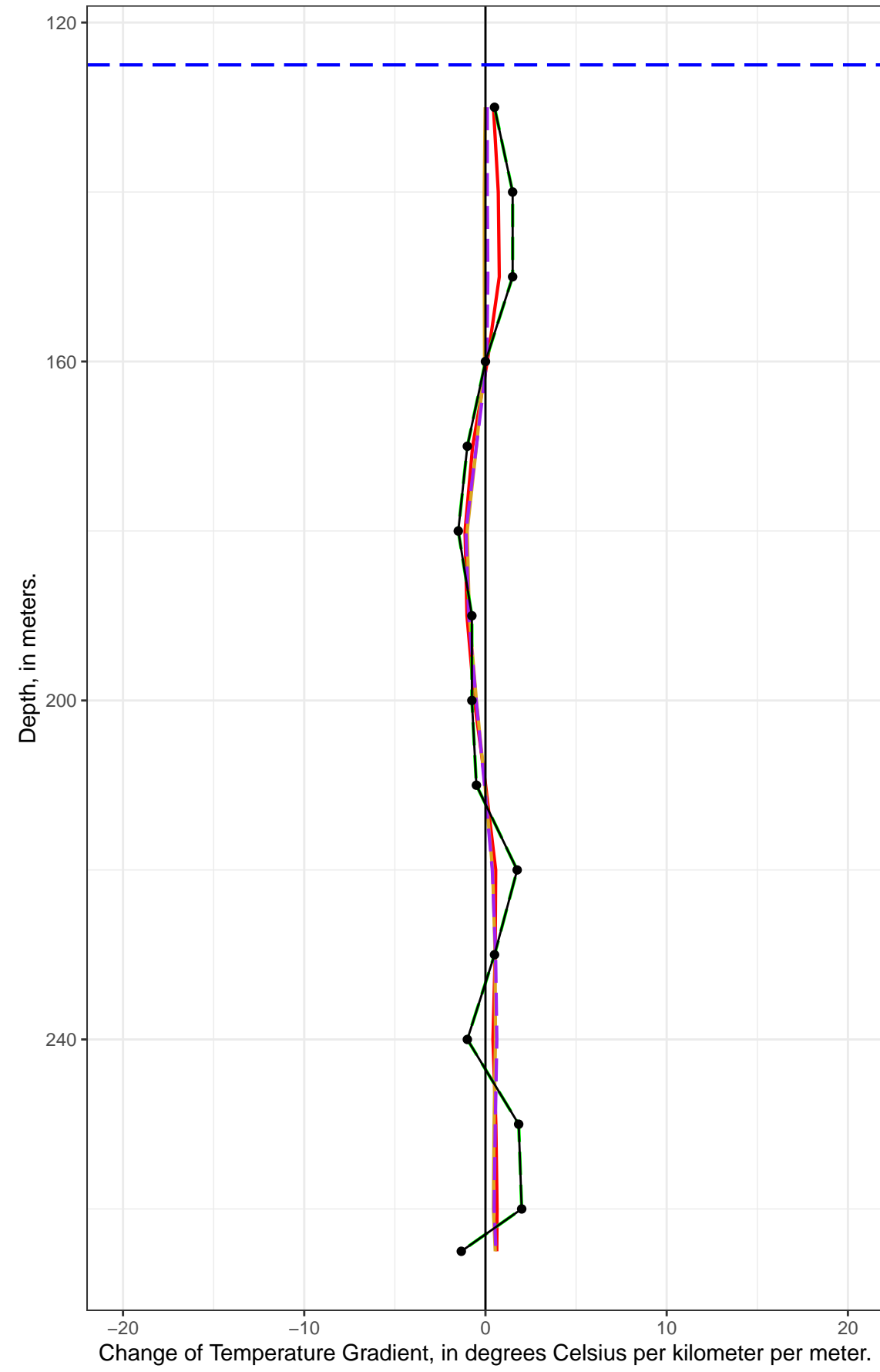
ID: 199 [LC-2_CITY_TEST_Well] Smoothed Profile



ID: 199 [LC-2_CITY_TEST_Well] First Derivative



ID: 199 [LC-2_CITY_TEST_Well] Second Derivative

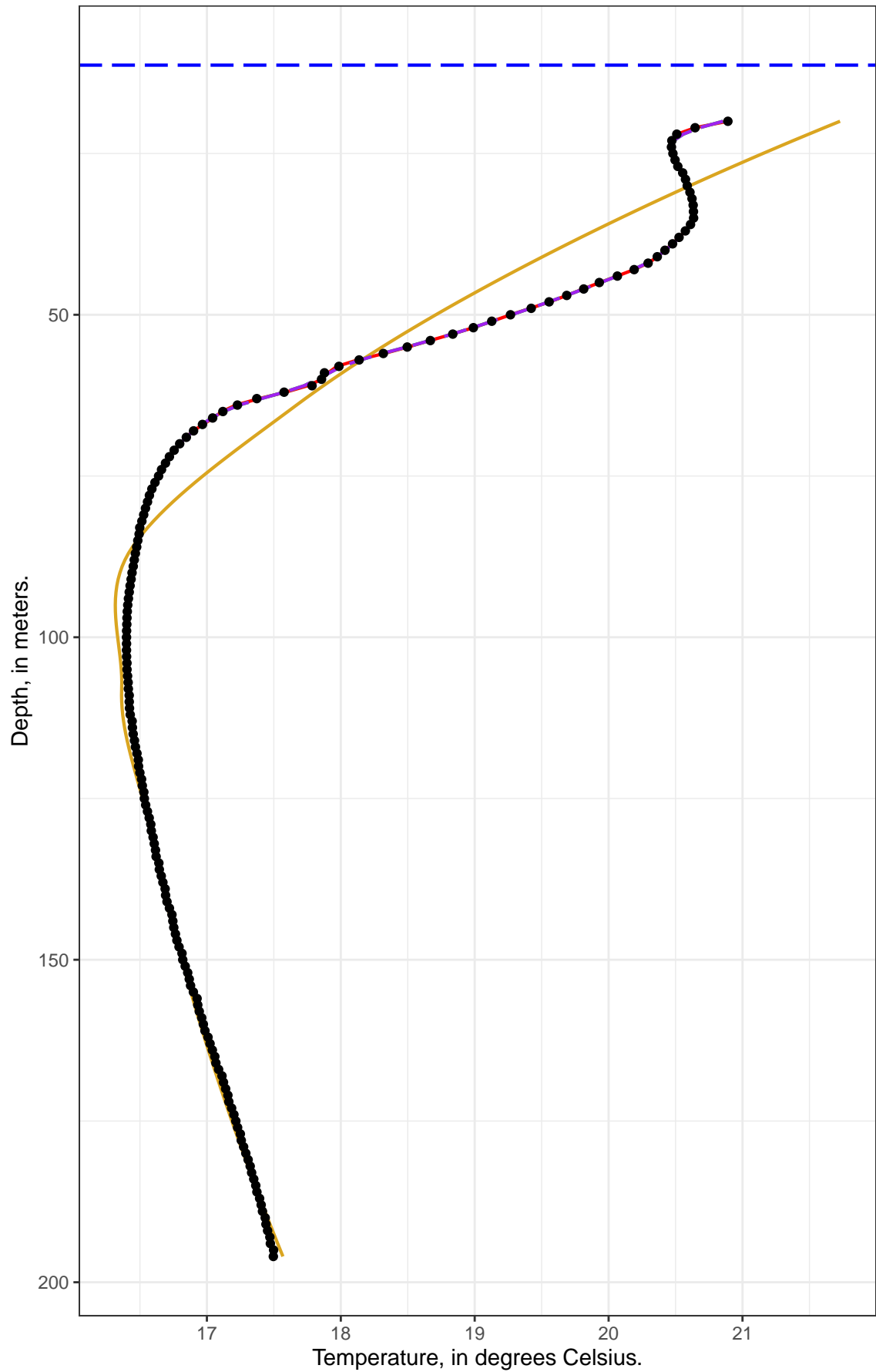


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

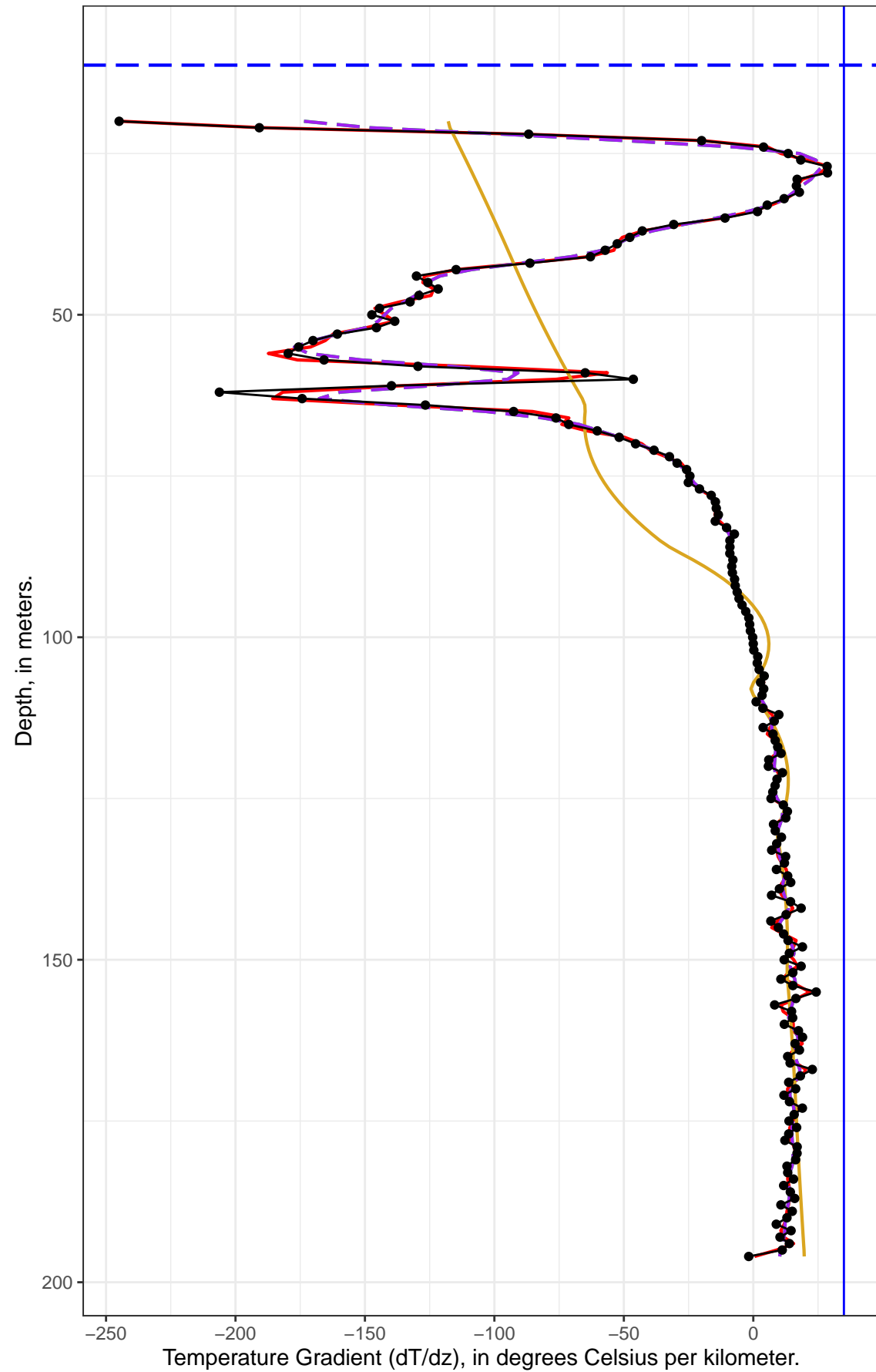
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

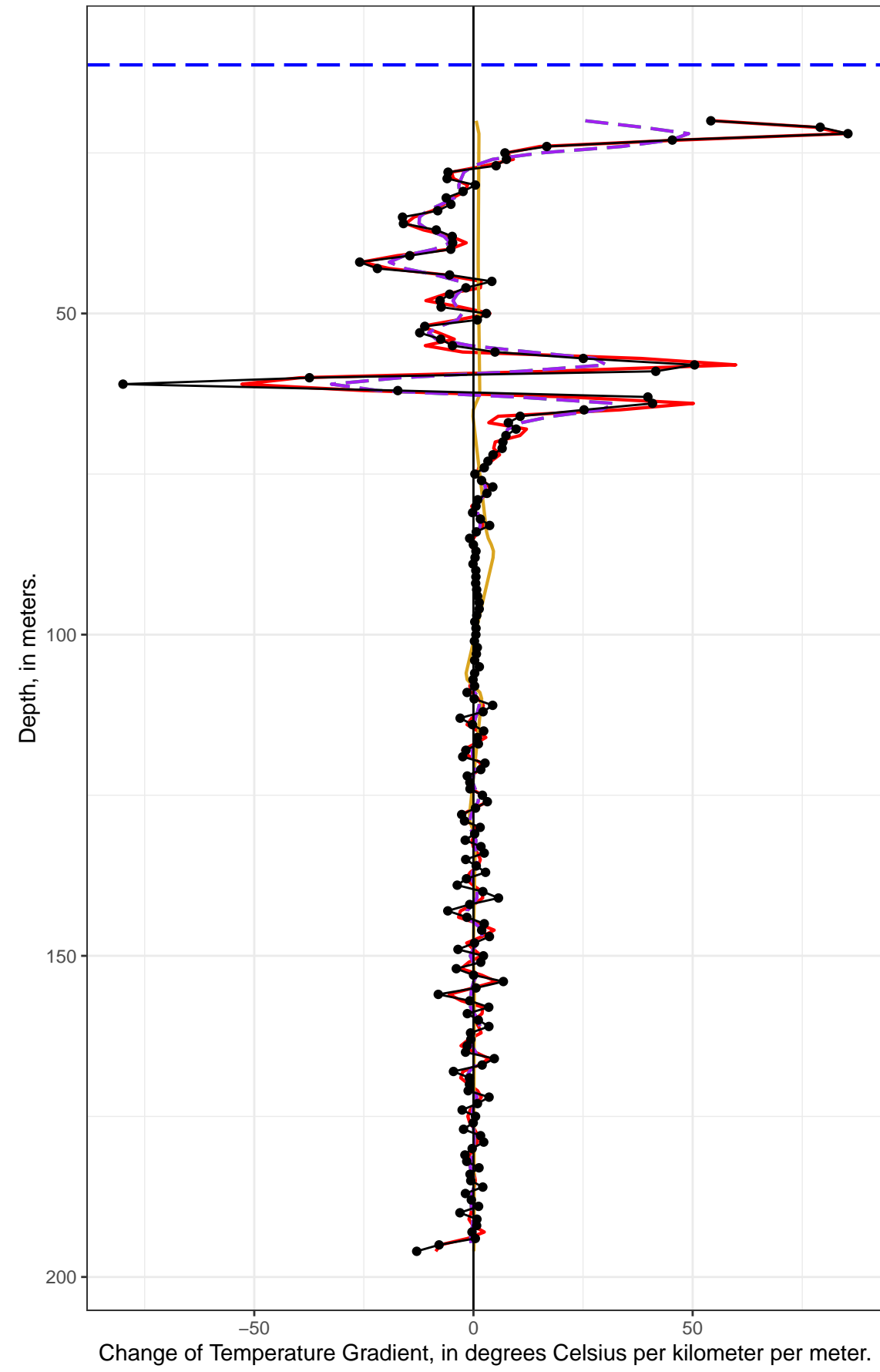
ID: 200 [LC-2F] Smoothed Profile



ID: 200 [LC-2F] First Derivative



ID: 200 [LC-2F] Second Derivative

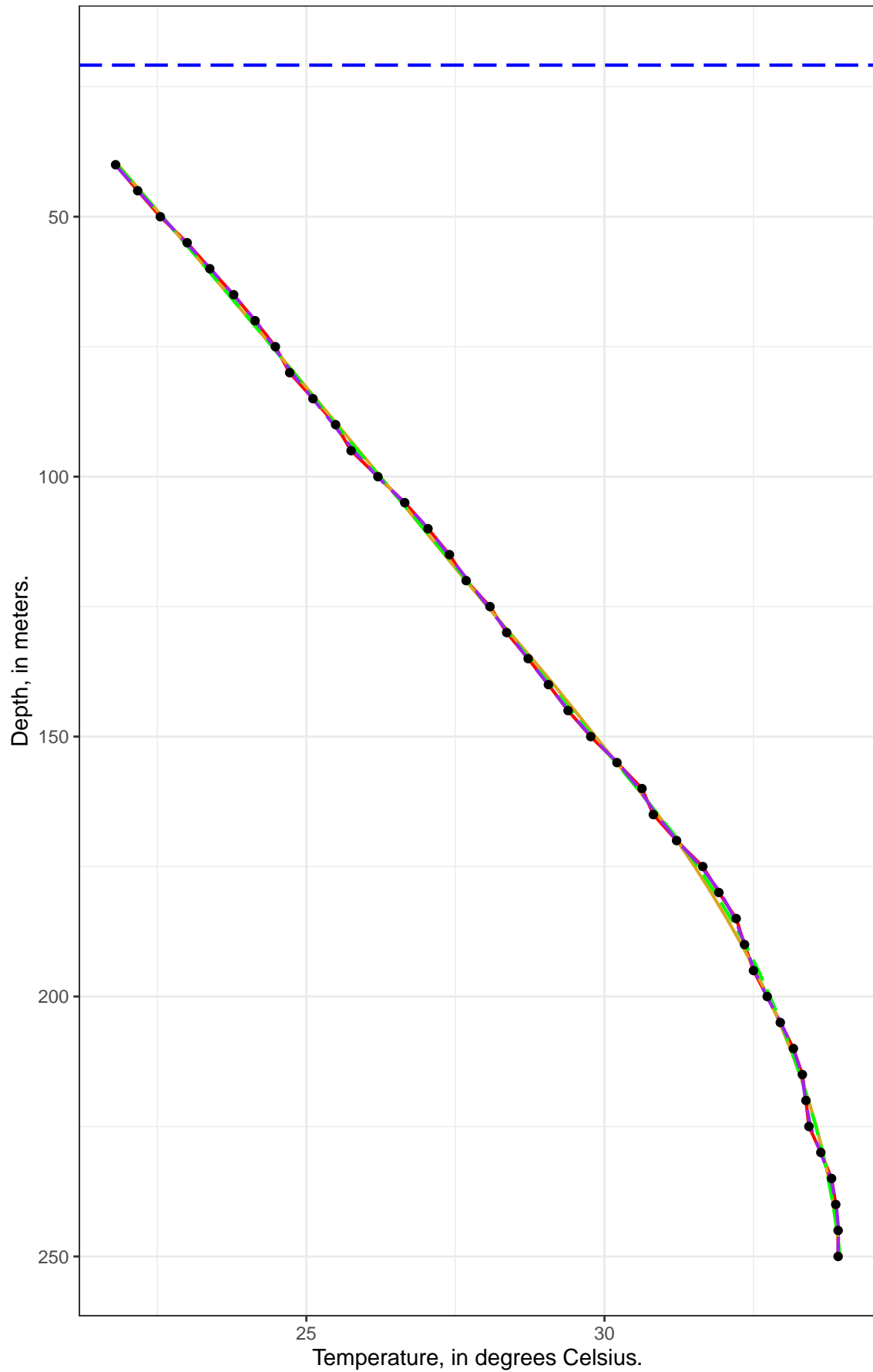


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

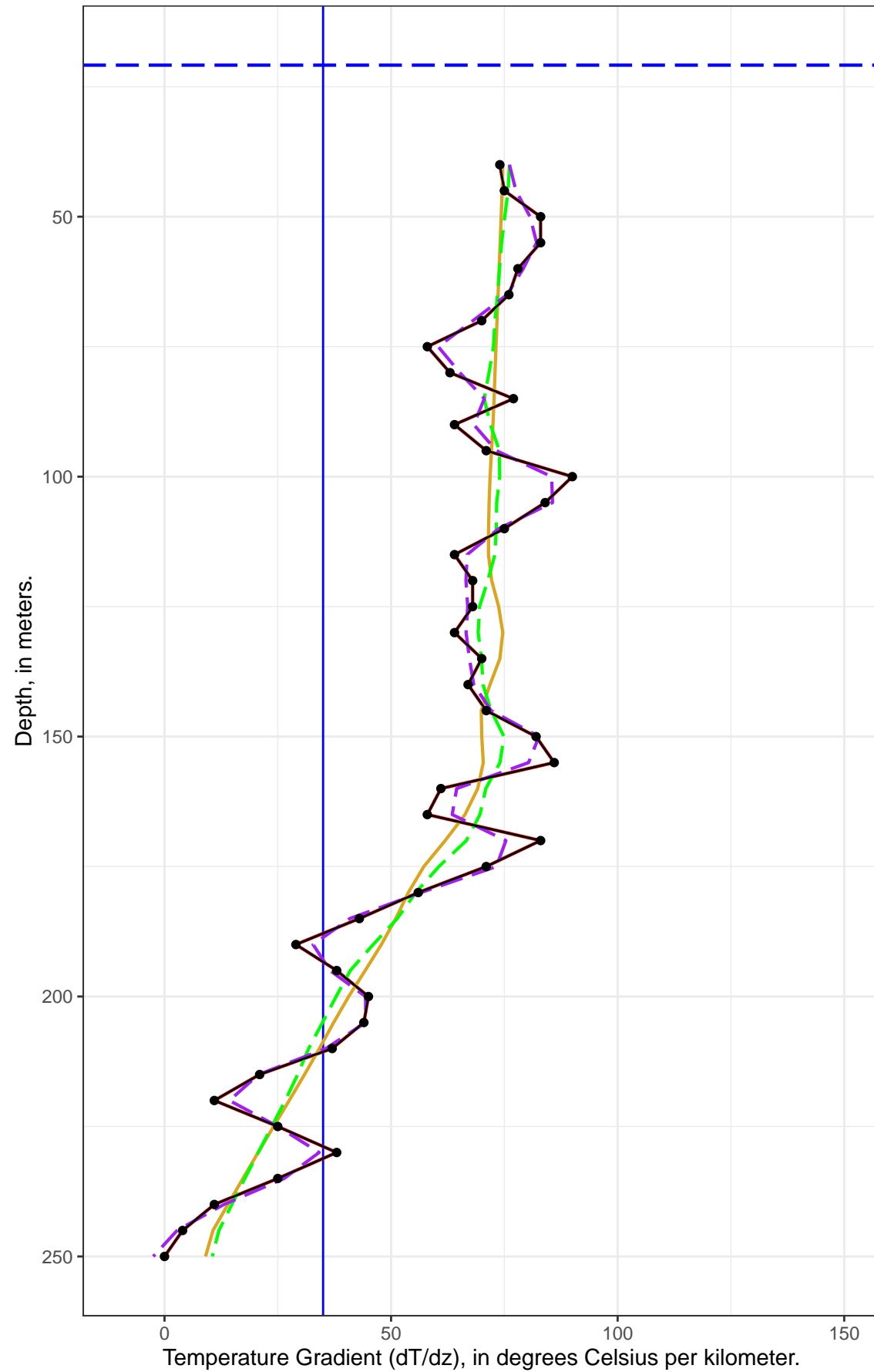
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

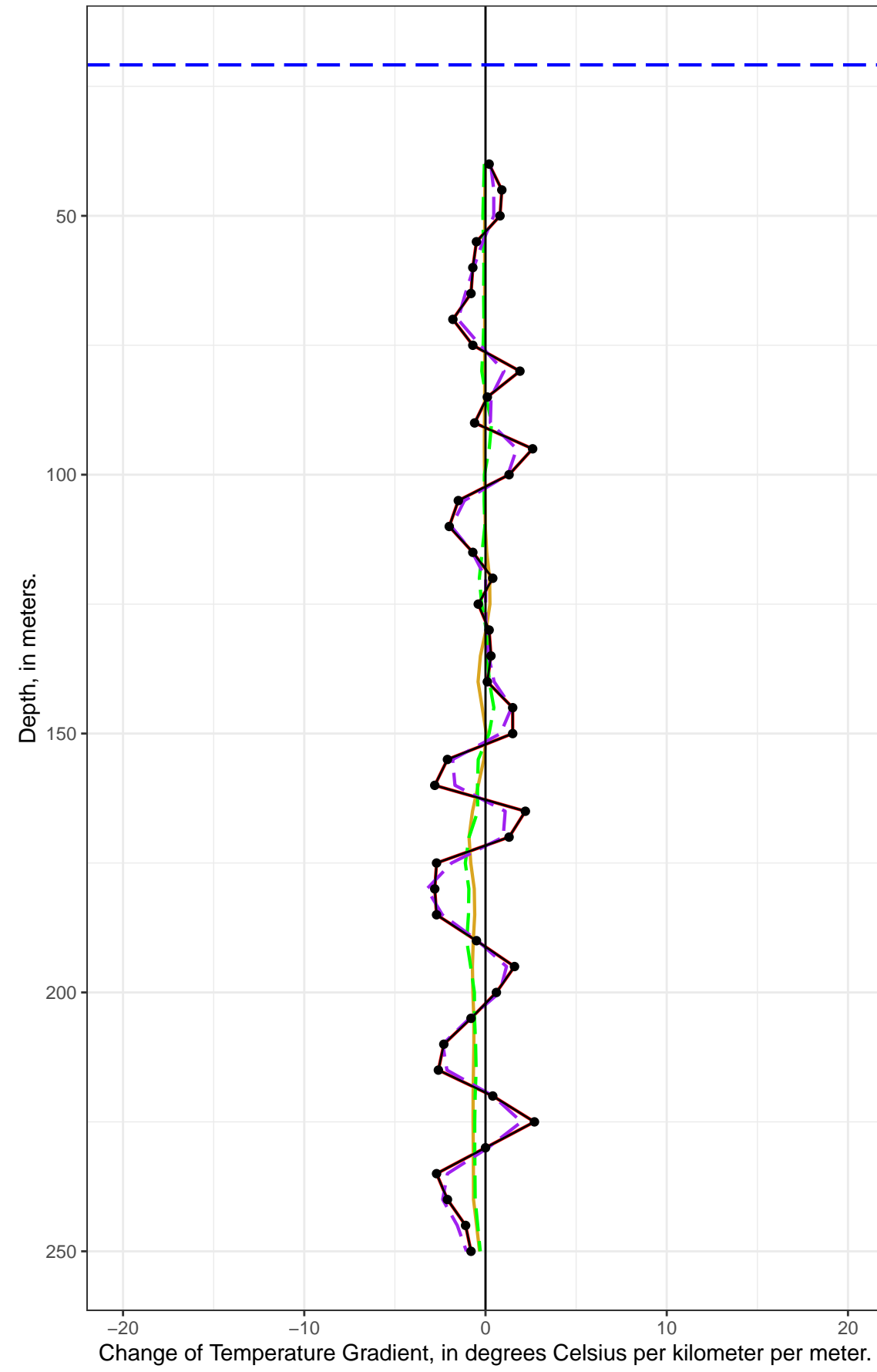
ID: 201 [L_Well_RADIIUM_Springs] Smoothed Profile



ID: 201 [L_Well_RADIIUM_Springs] First Derivative



ID: 201 [L_Well_RADIIUM_Springs] Second Derivative

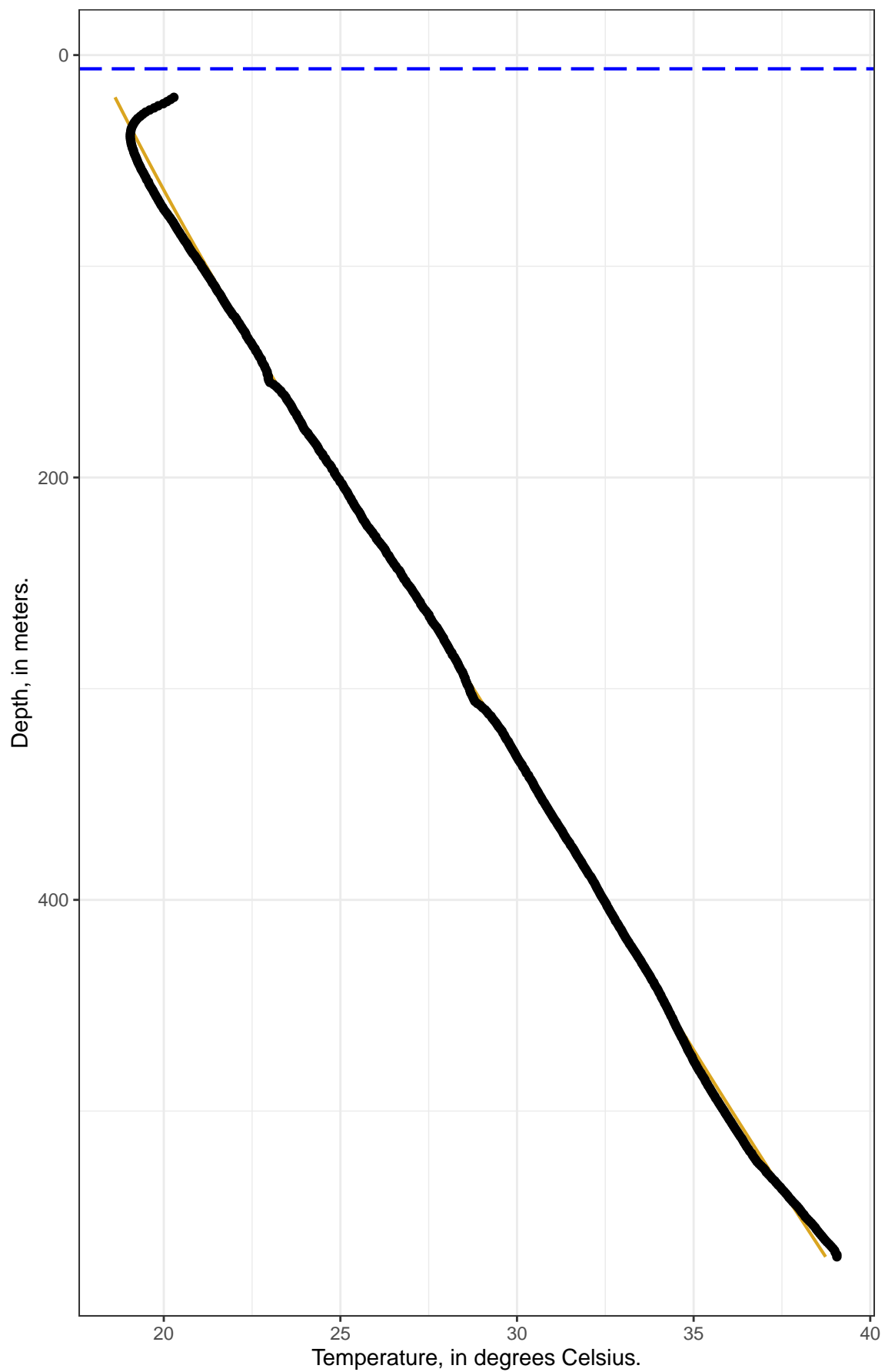


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

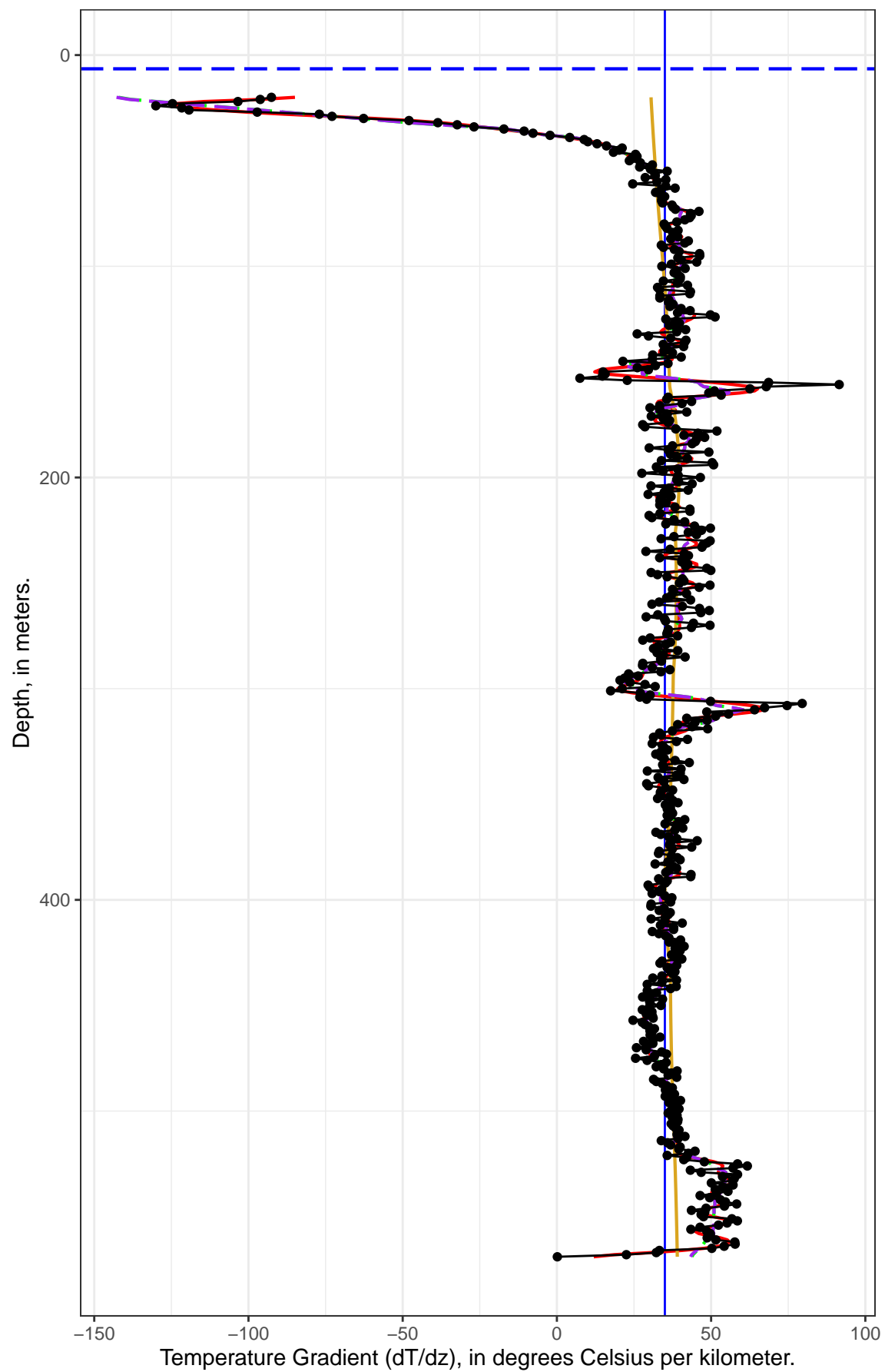
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

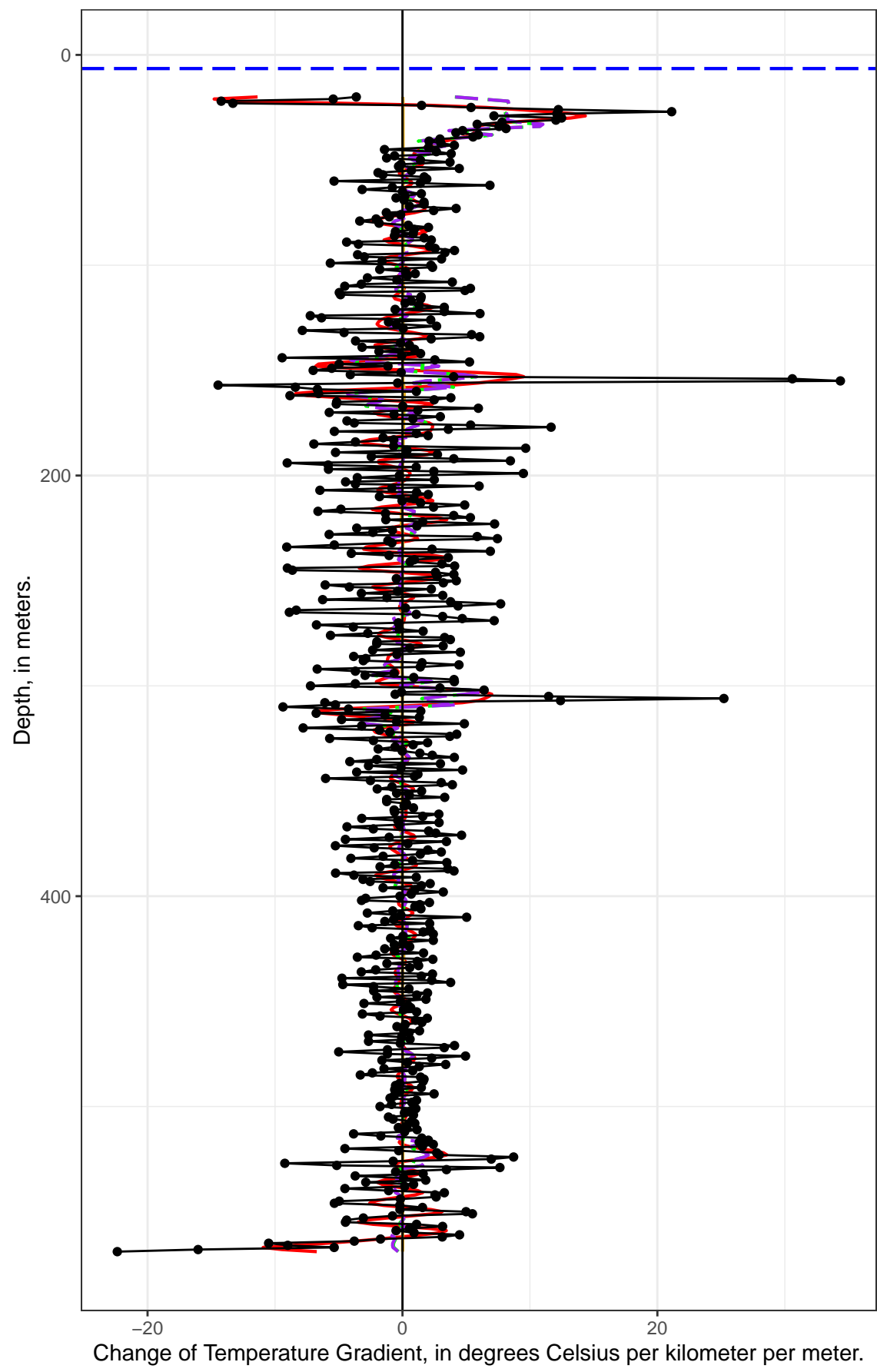
ID: 202 [LMV-2B] Smoothed Profile



ID: 202 [LMV-2B] First Derivative



ID: 202 [LMV-2B] Second Derivative

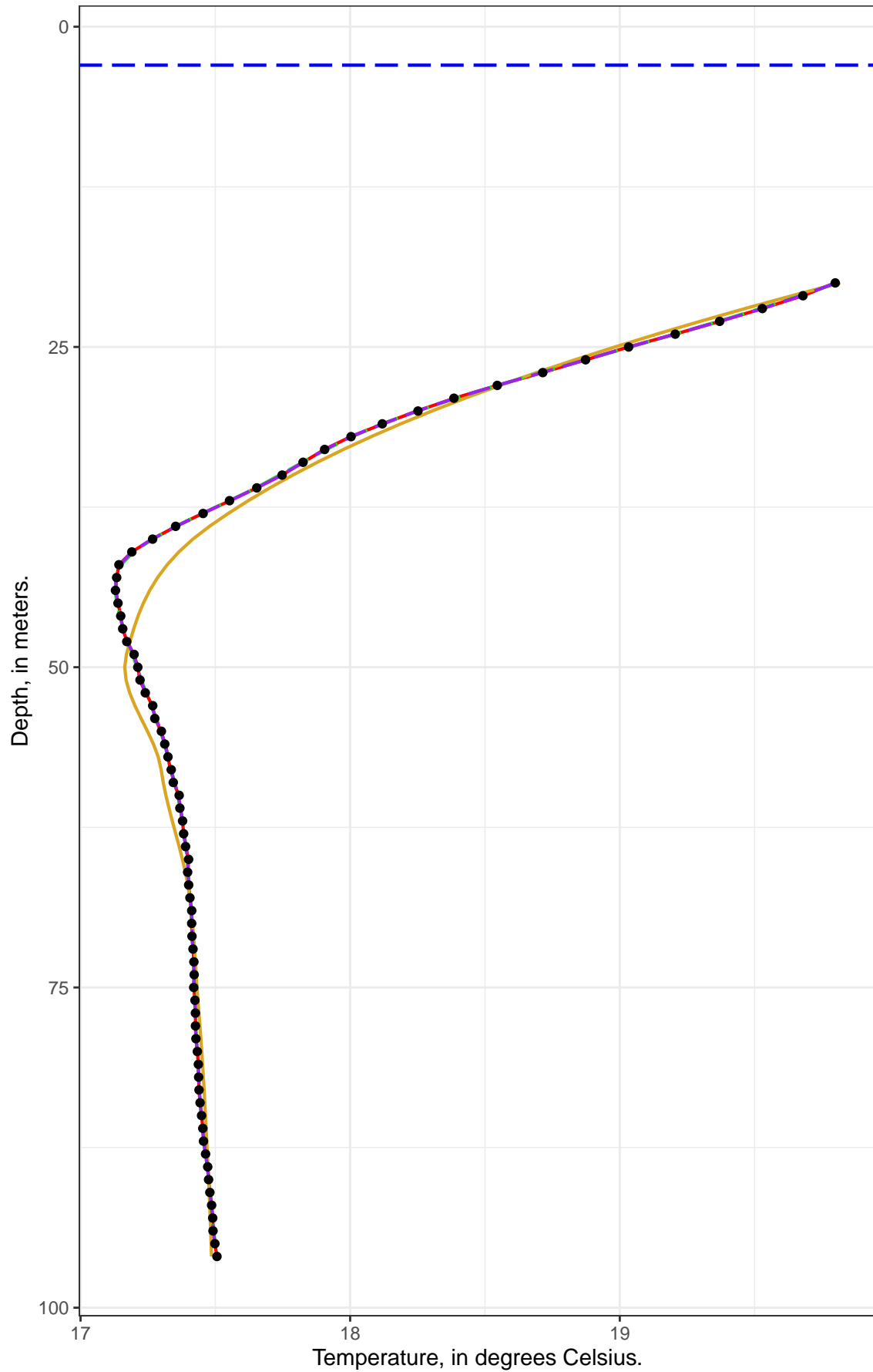


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

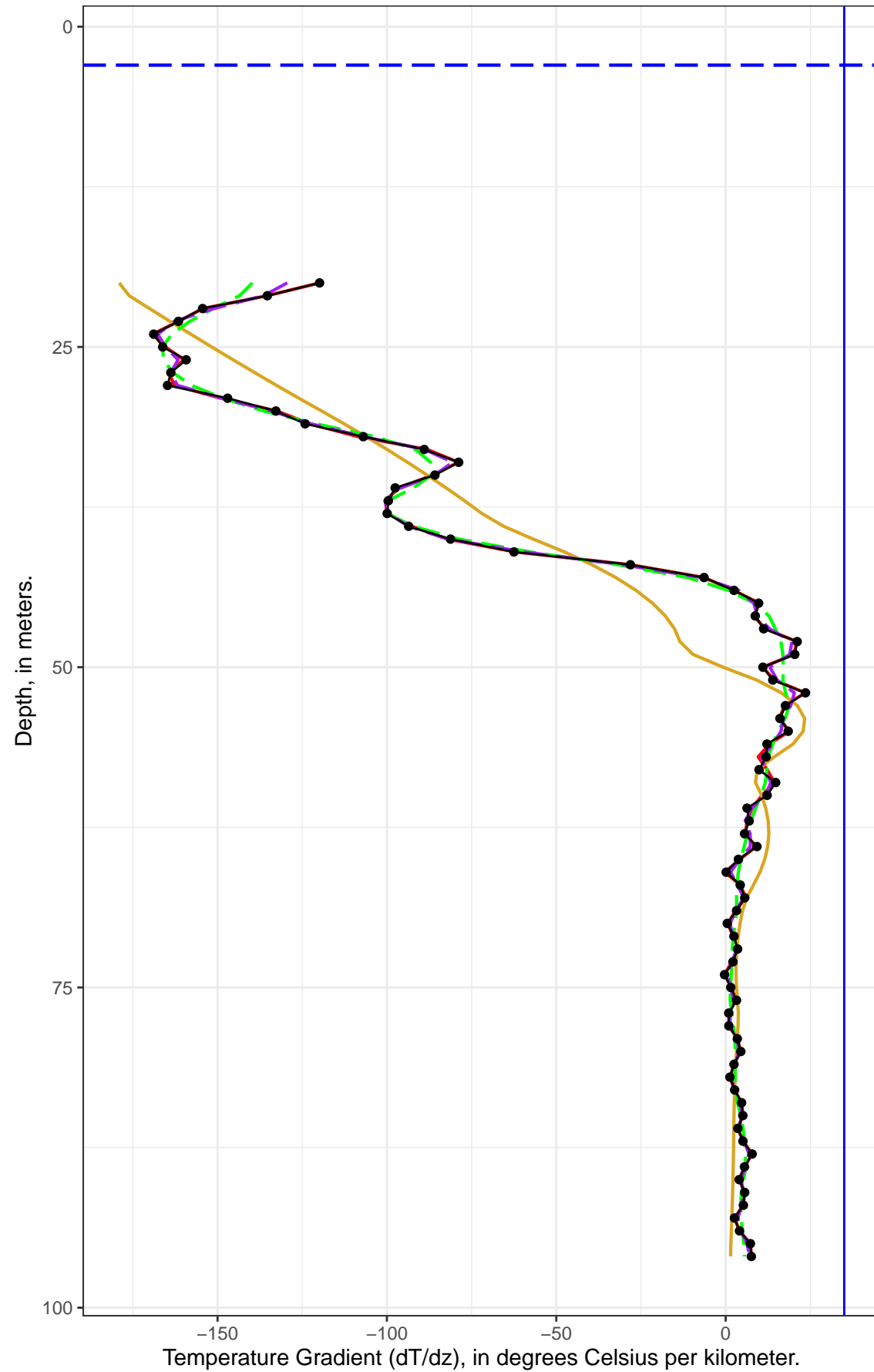
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

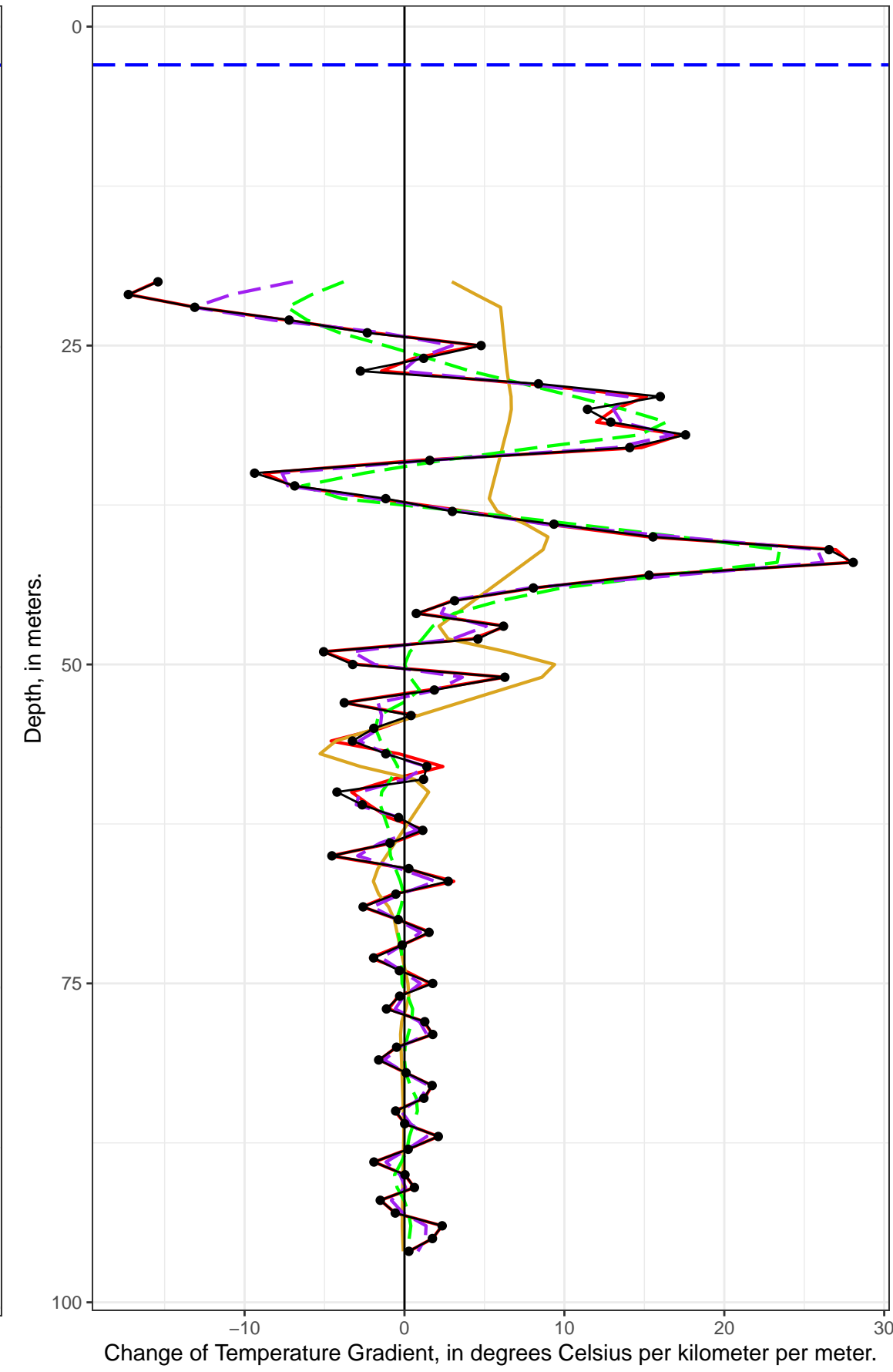
ID: 203 [M-2A] Smoothed Profile



ID: 203 [M-2A] First Derivative



ID: 203 [M-2A] Second Derivative

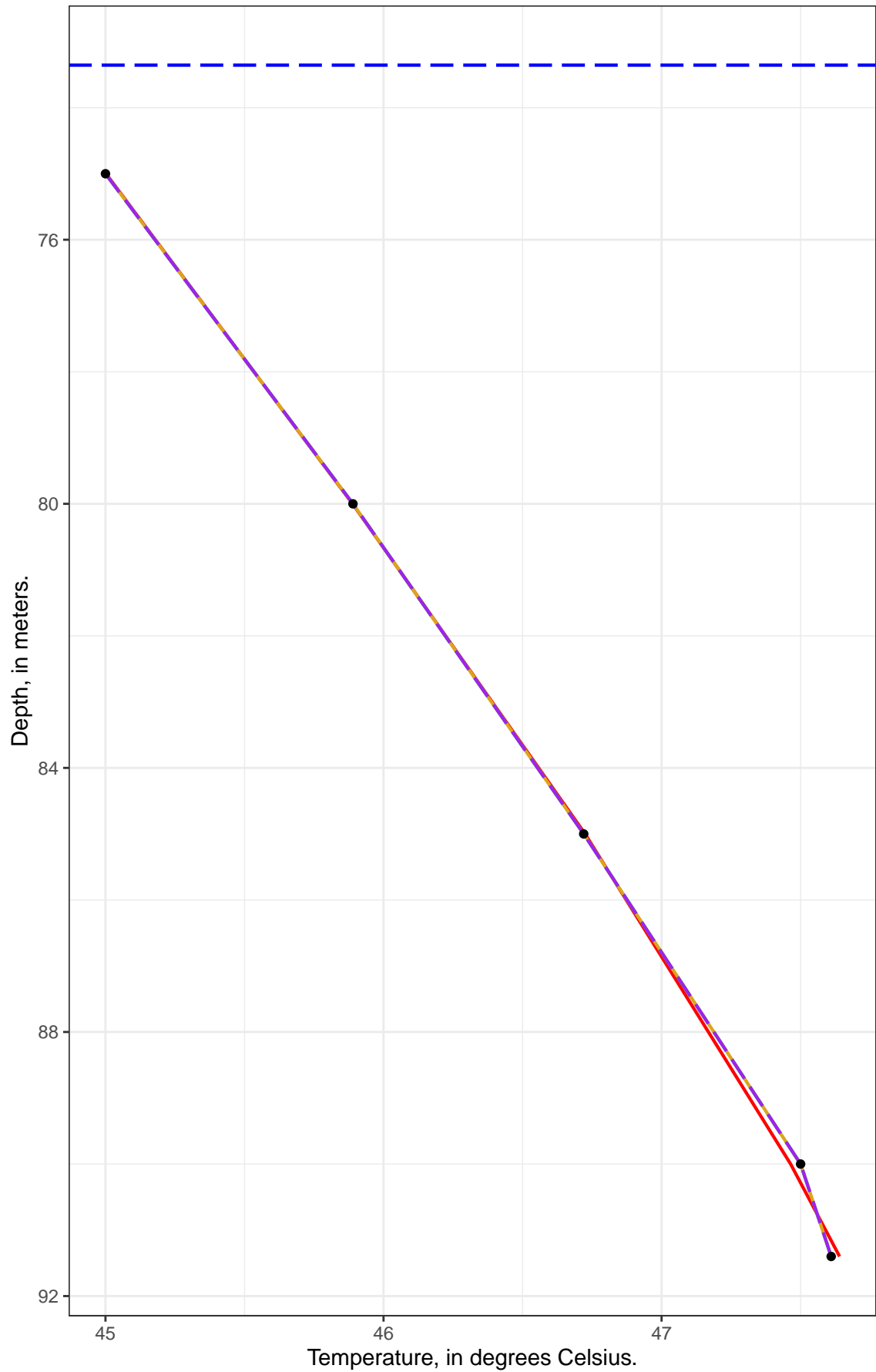


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

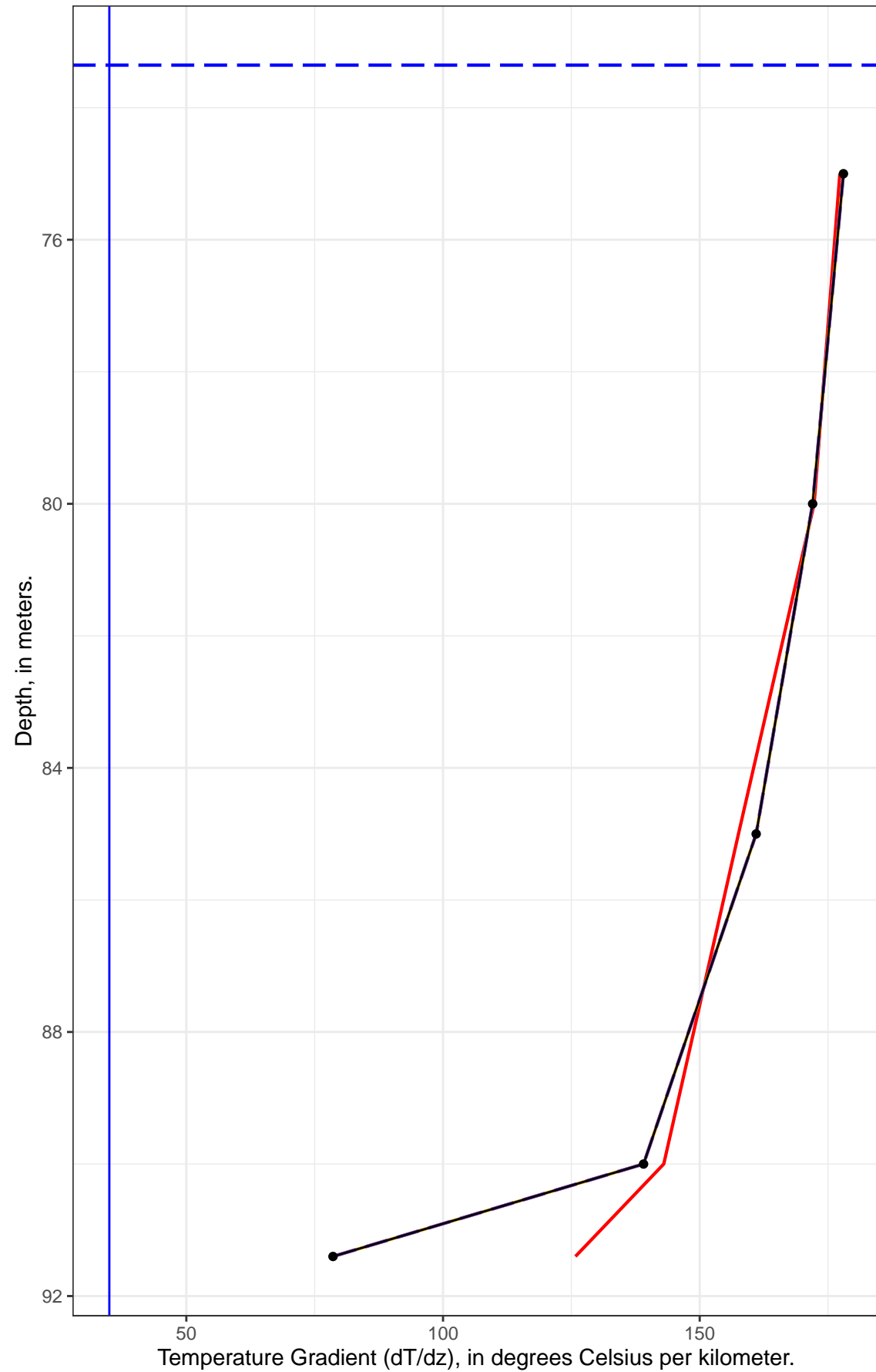
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

ID: 205 [MSDL-TG-2] Smoothed Profile



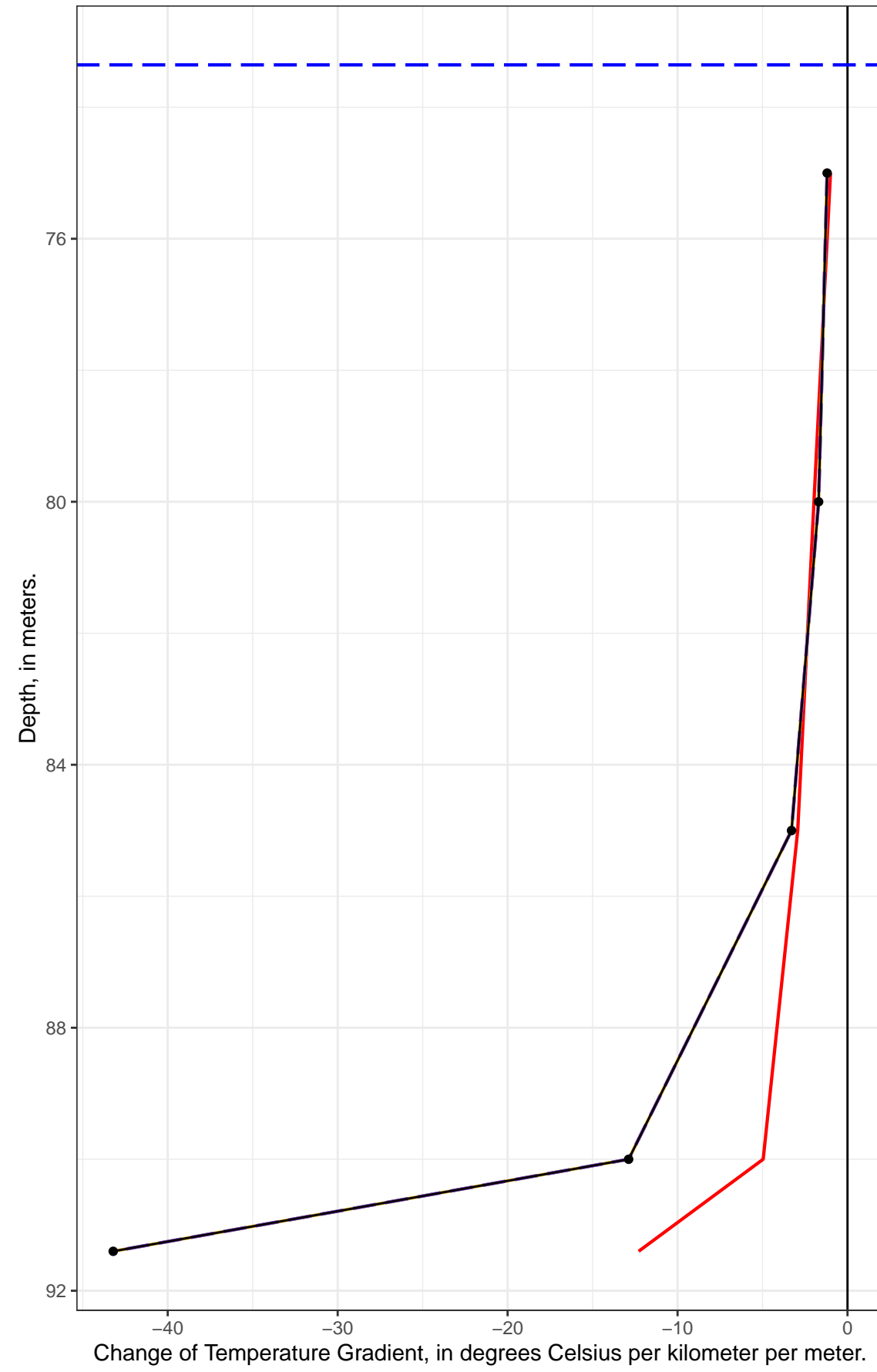
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 205 [MSDL-TG-2] First Derivative



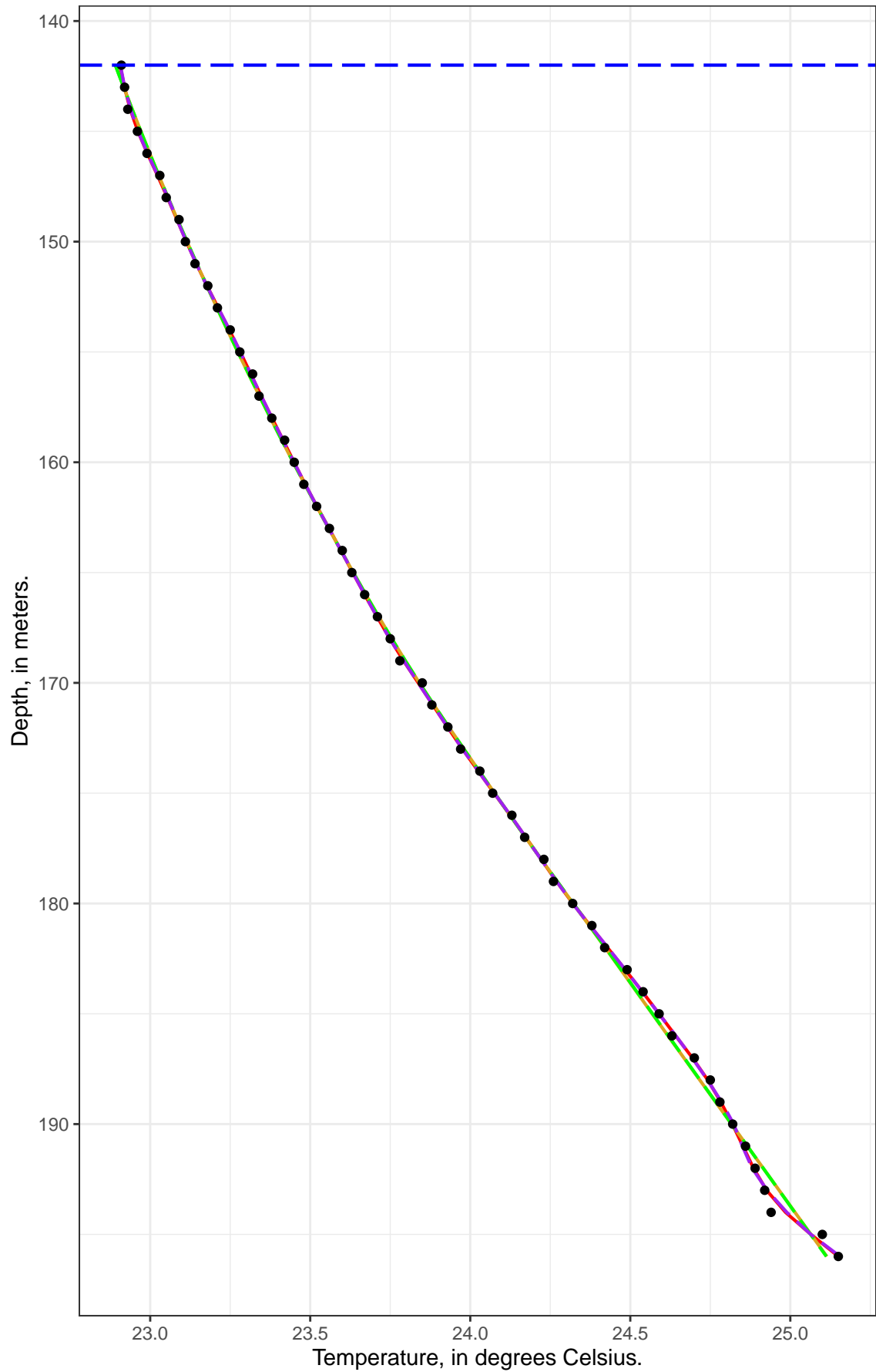
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 205 [MSDL-TG-2] Second Derivative

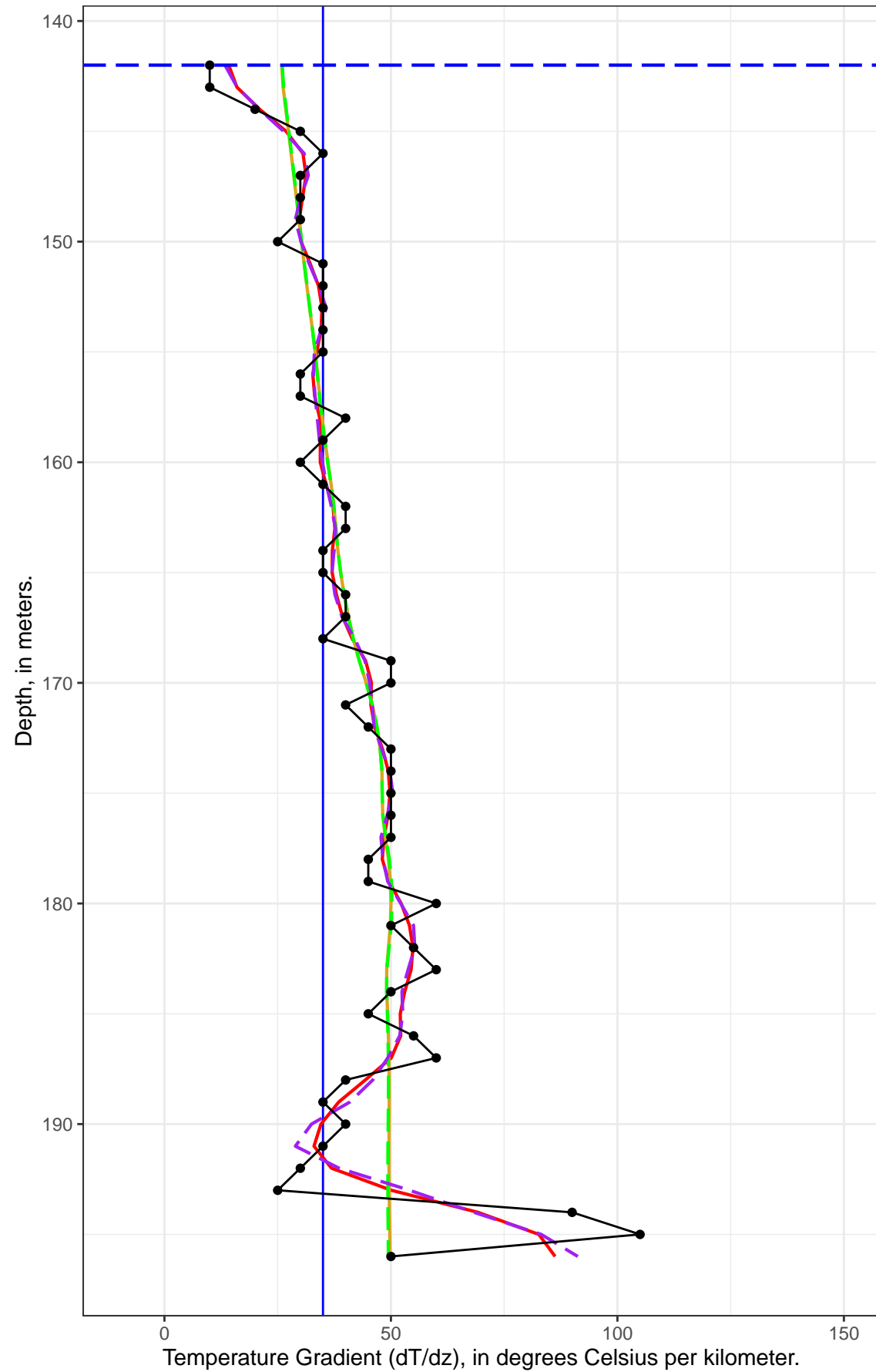


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

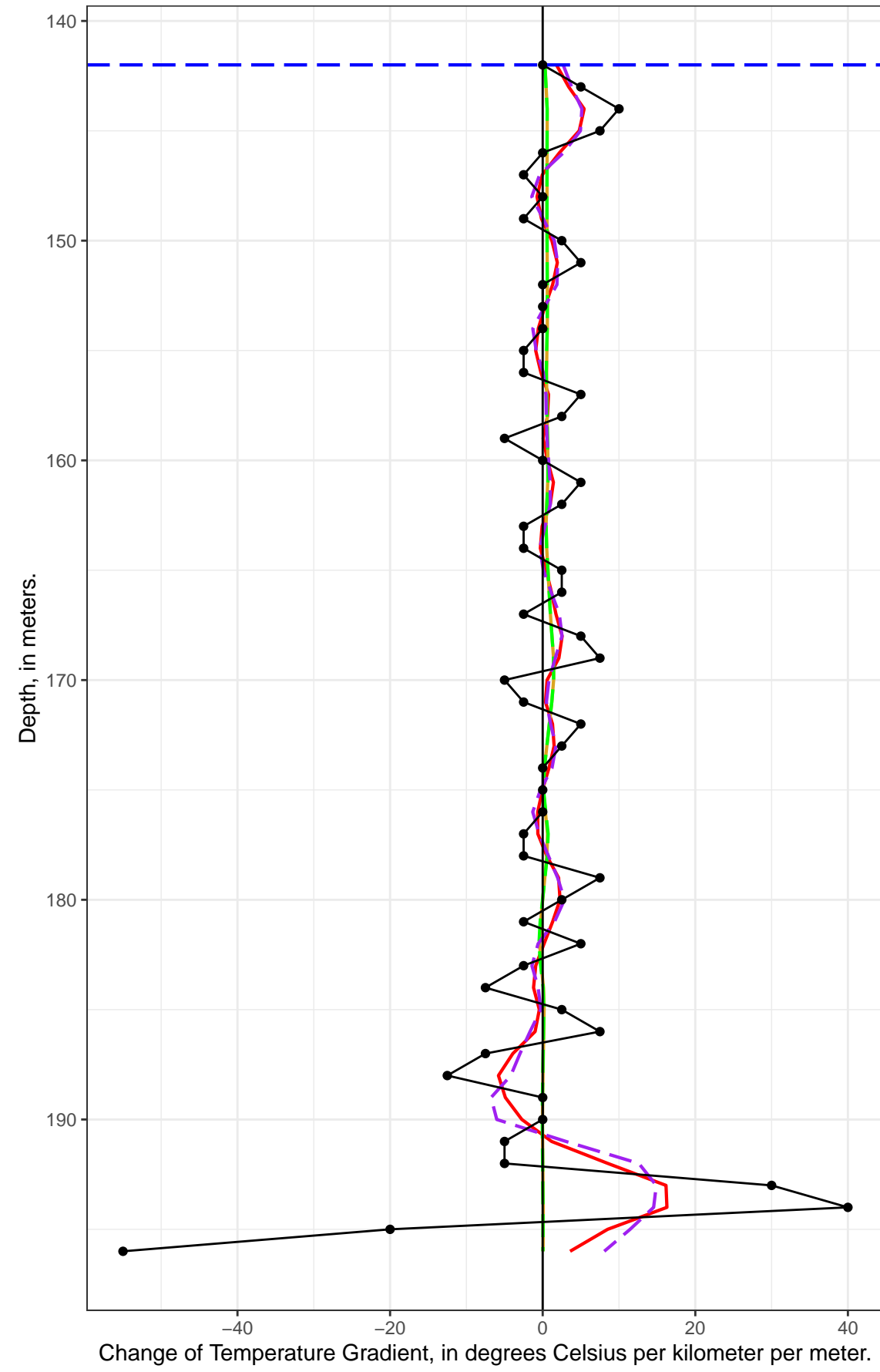
ID: 206 [NASA-WSTF_BLM-2-630] Smoothed Profile



ID: 206 [NASA-WSTF_BLM-2-630] First Derivative



ID: 206 [NASA-WSTF_BLM-2-630] Second Derivative

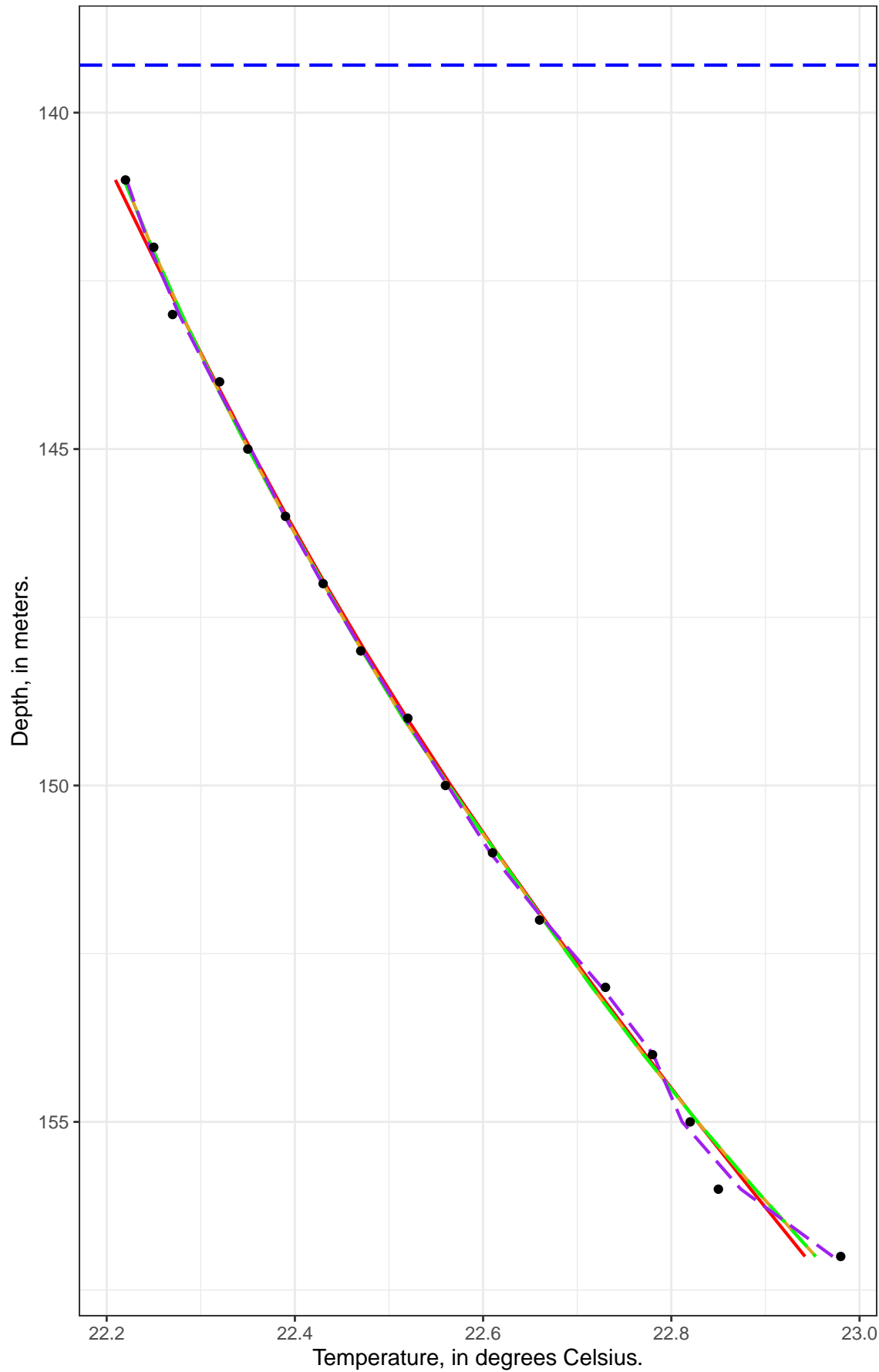


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

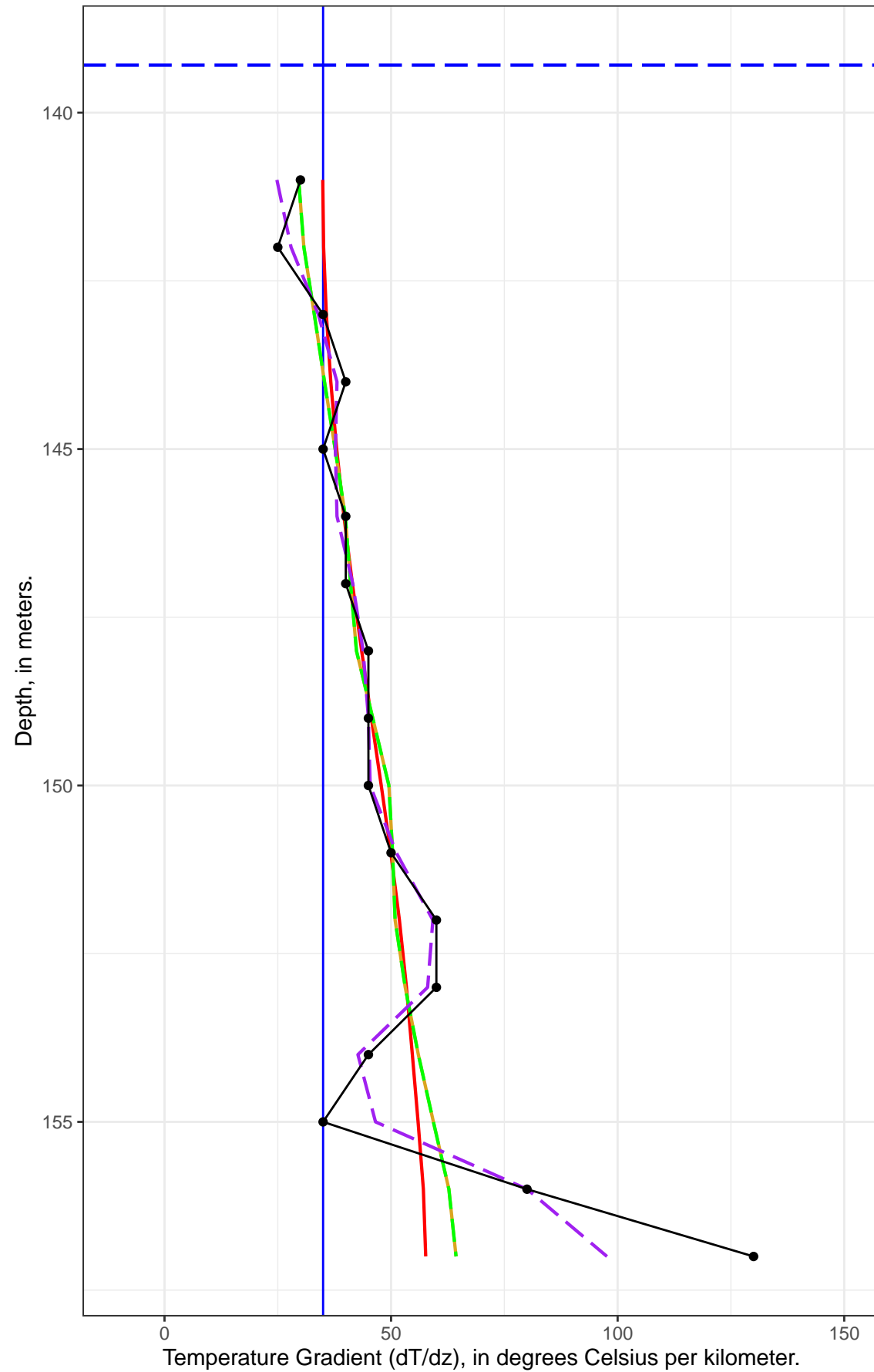
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

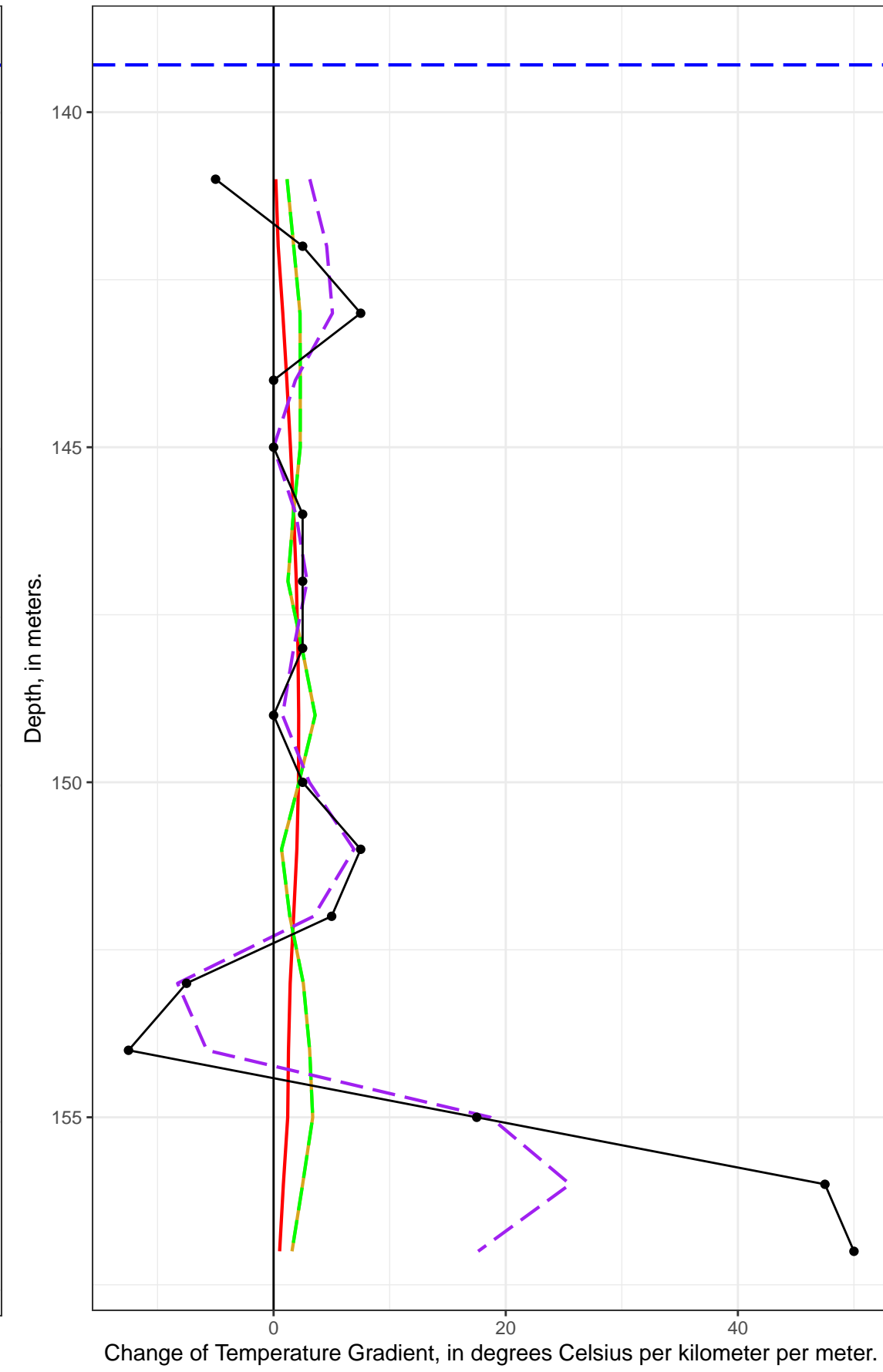
ID: 209 [NASA_WSTF_BLM-17-493] Smoothed Profile



ID: 209 [NASA_WSTF_BLM-17-493] First Derivative



ID: 209 [NASA_WSTF_BLM-17-493] Second Derivative

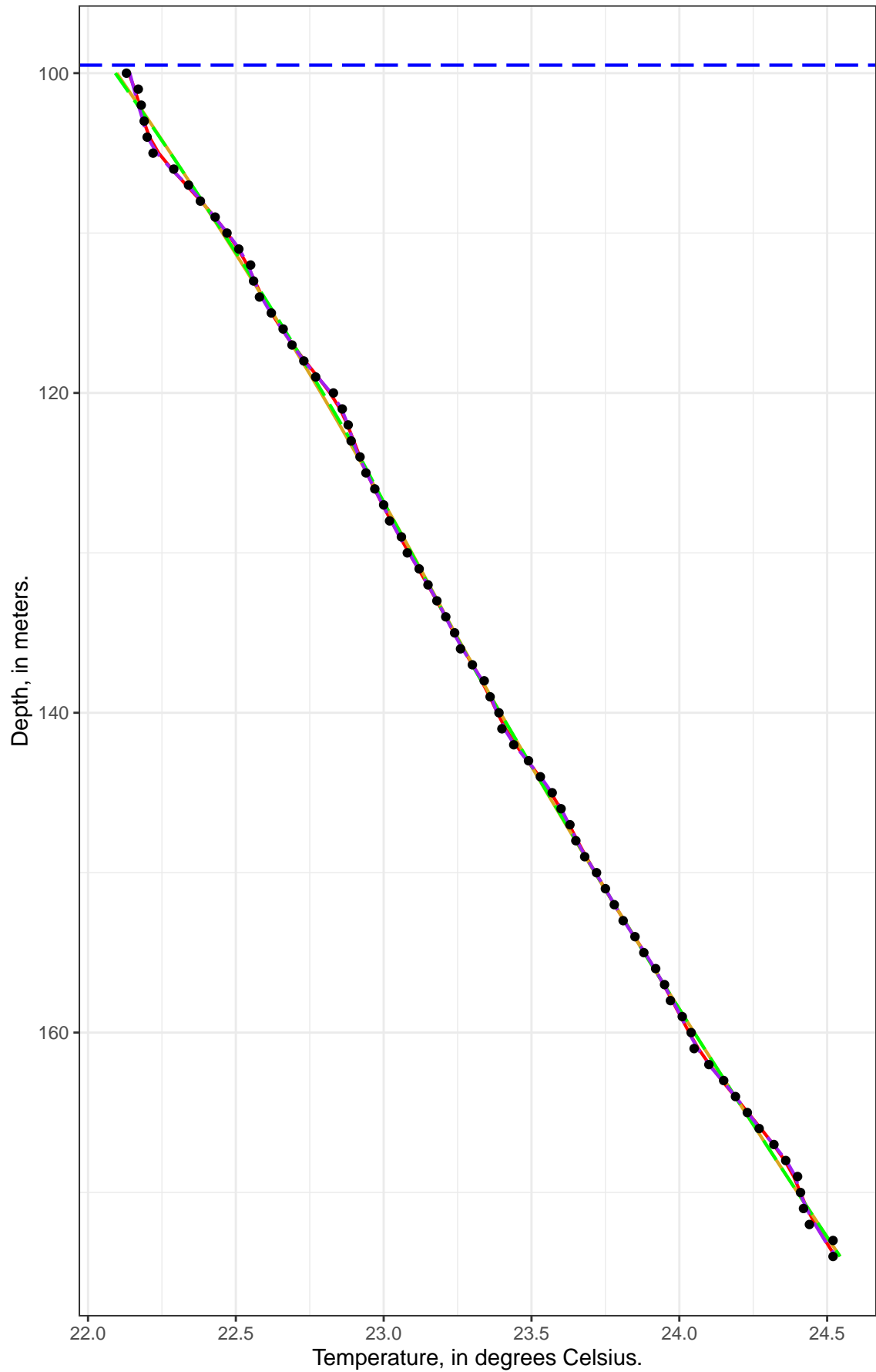


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

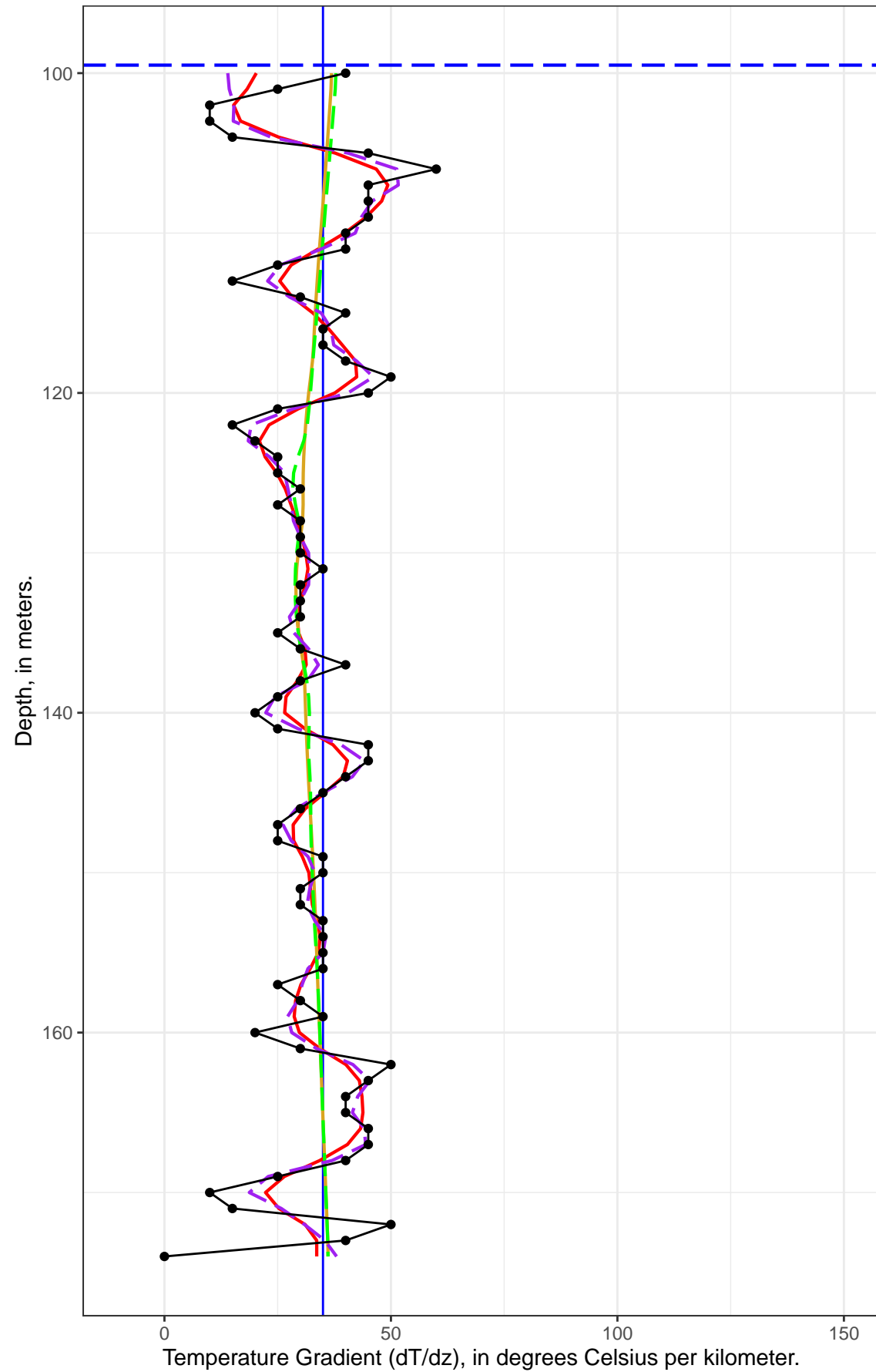
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

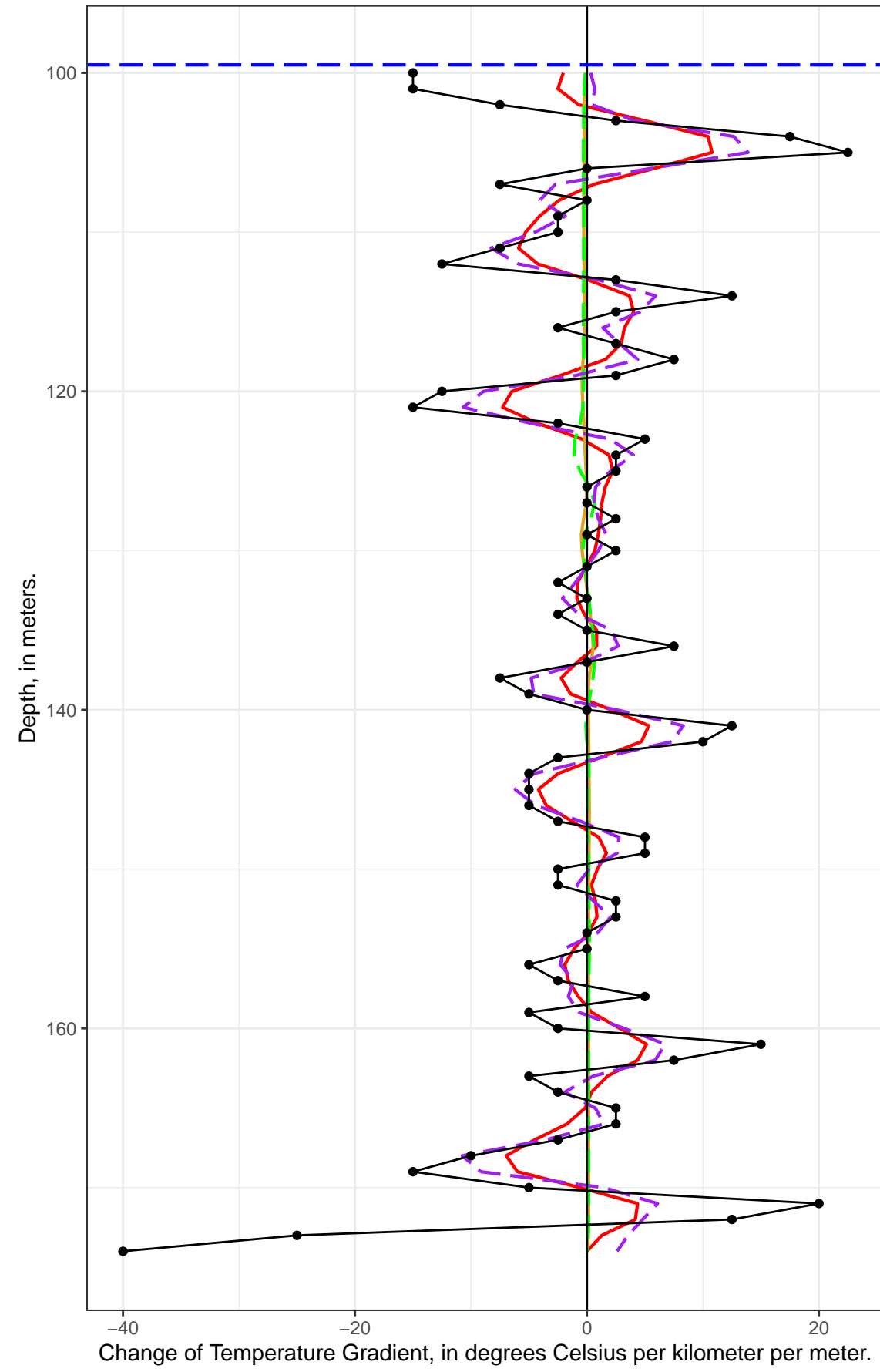
ID: 210 [NASA_WSTF_BLM-JPZ-2] Smoothed Profile



ID: 210 [NASA_WSTF_BLM-JPZ-2] First Derivative



ID: 210 [NASA_WSTF_BLM-JPZ-2] Second Derivative

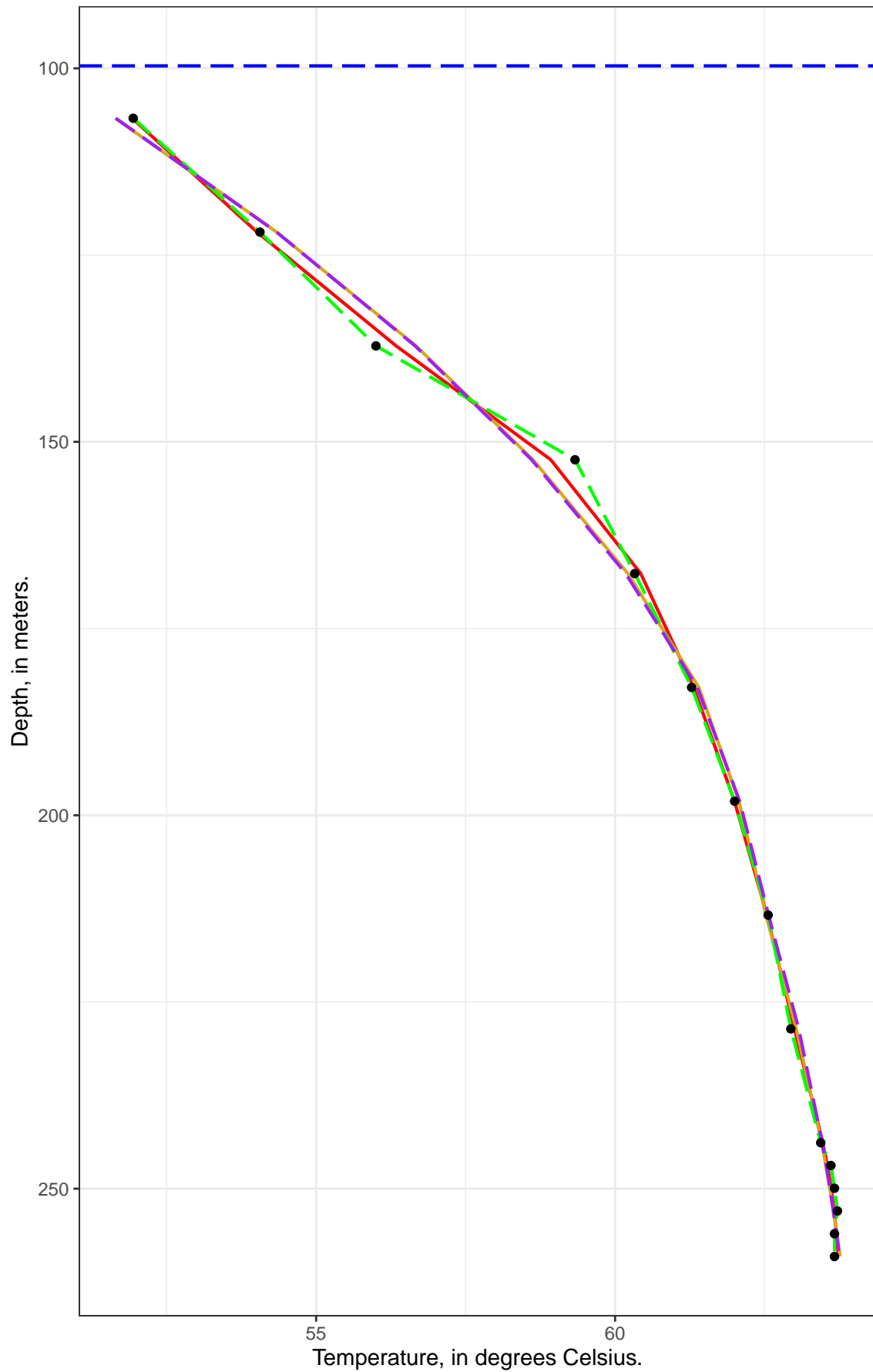


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

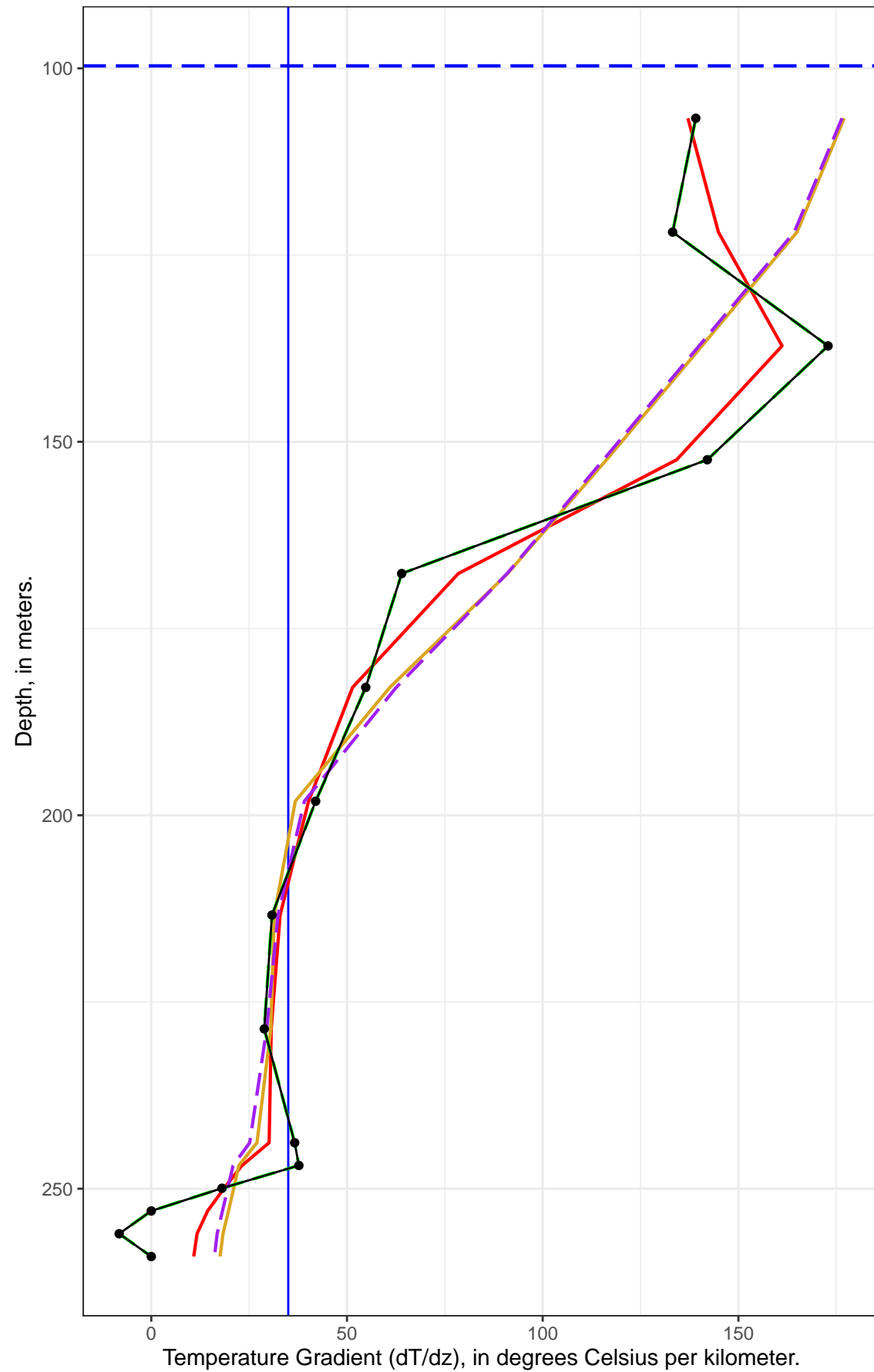
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

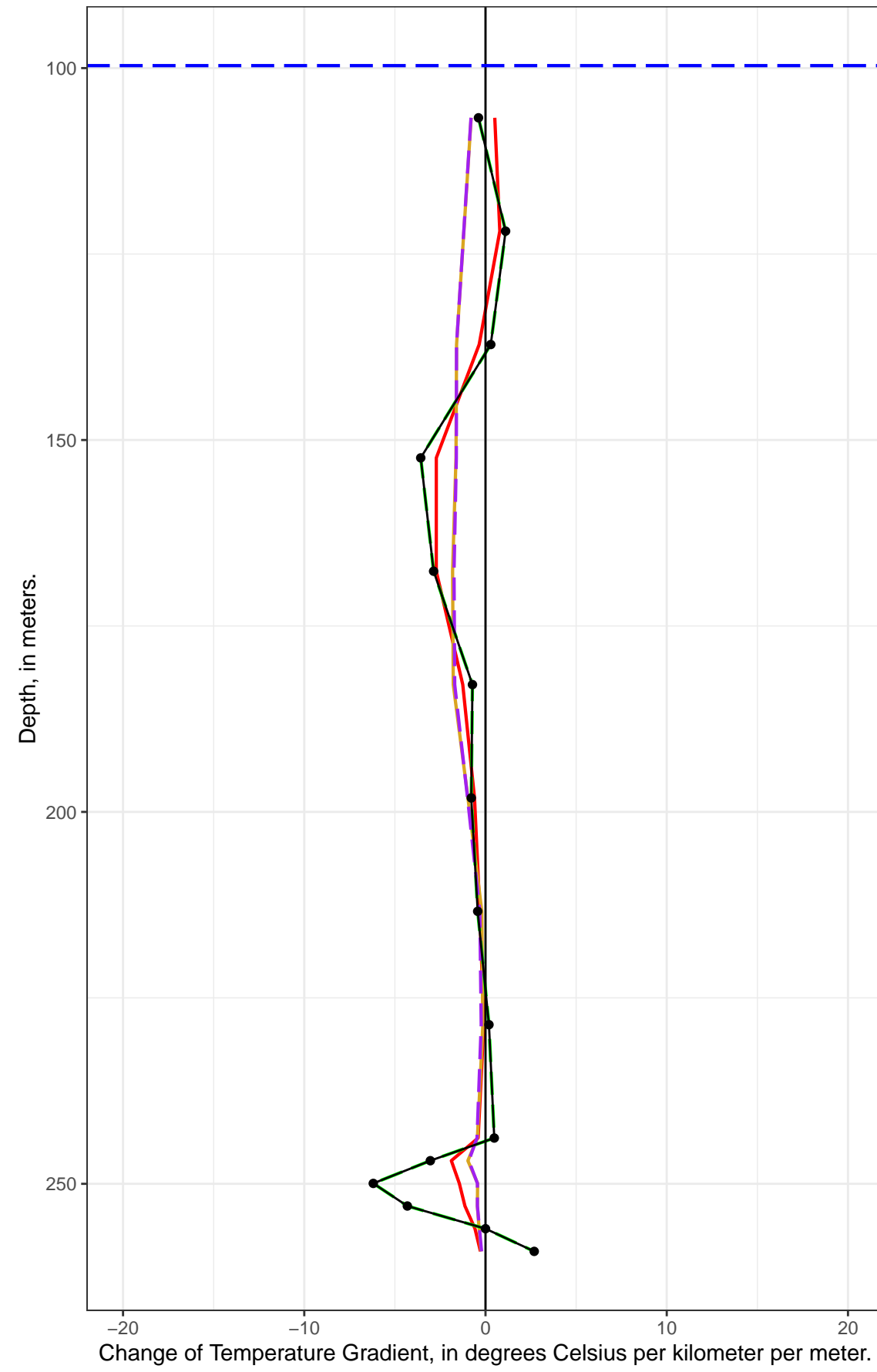
ID: 211 [NMSU-OW-1] Smoothed Profile



ID: 211 [NMSU-OW-1] First Derivative



ID: 211 [NMSU-OW-1] Second Derivative

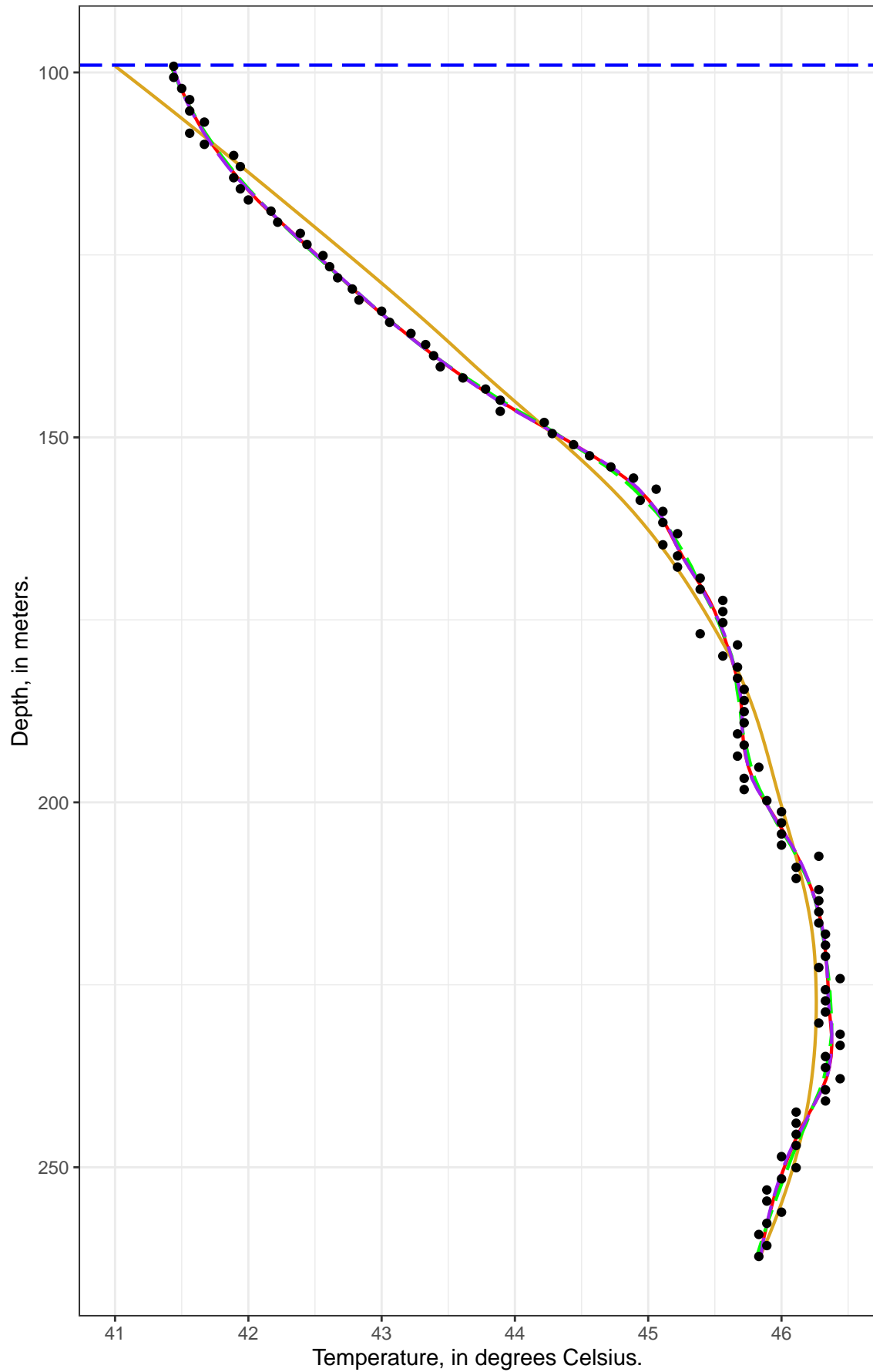


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

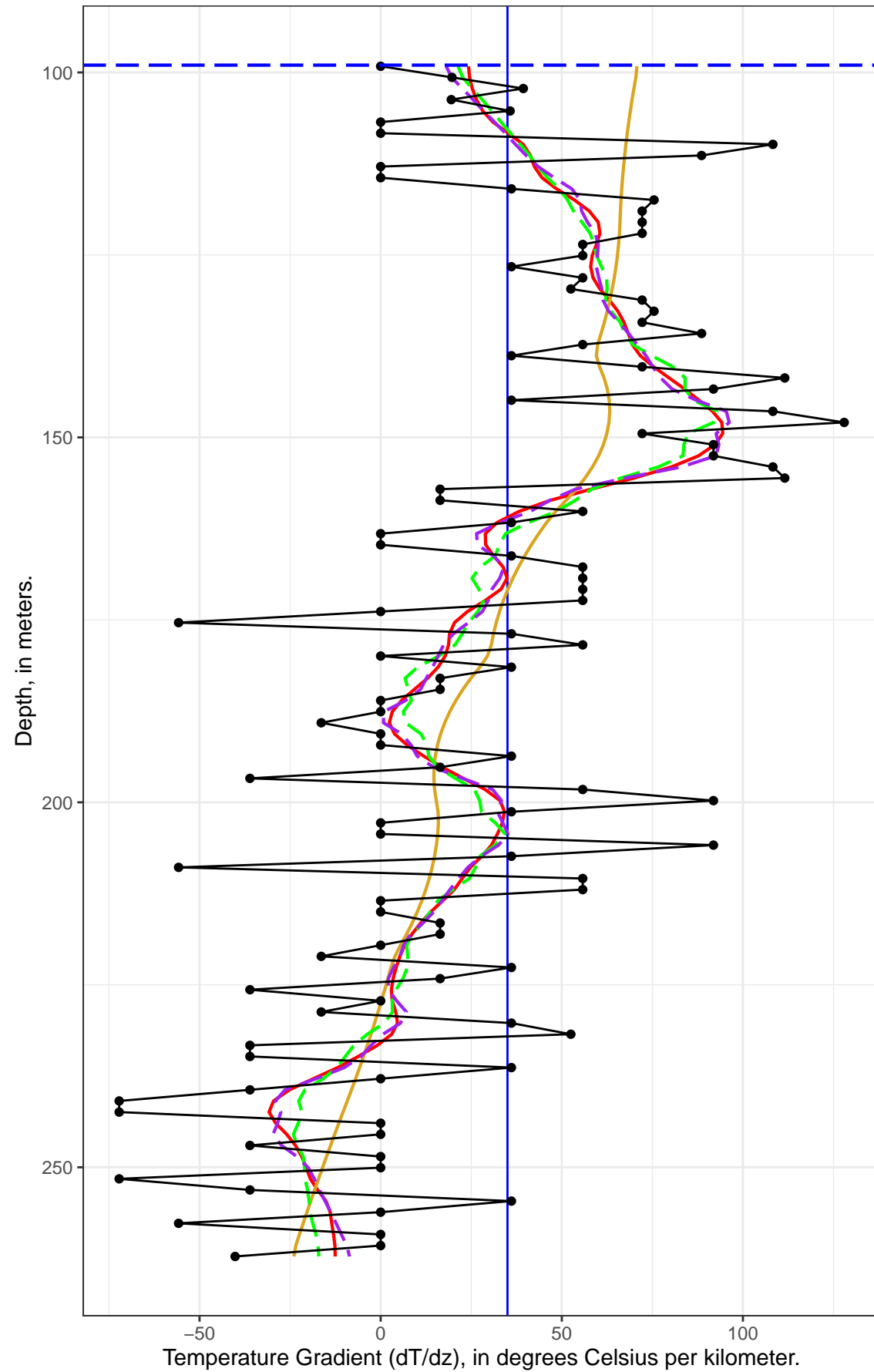
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

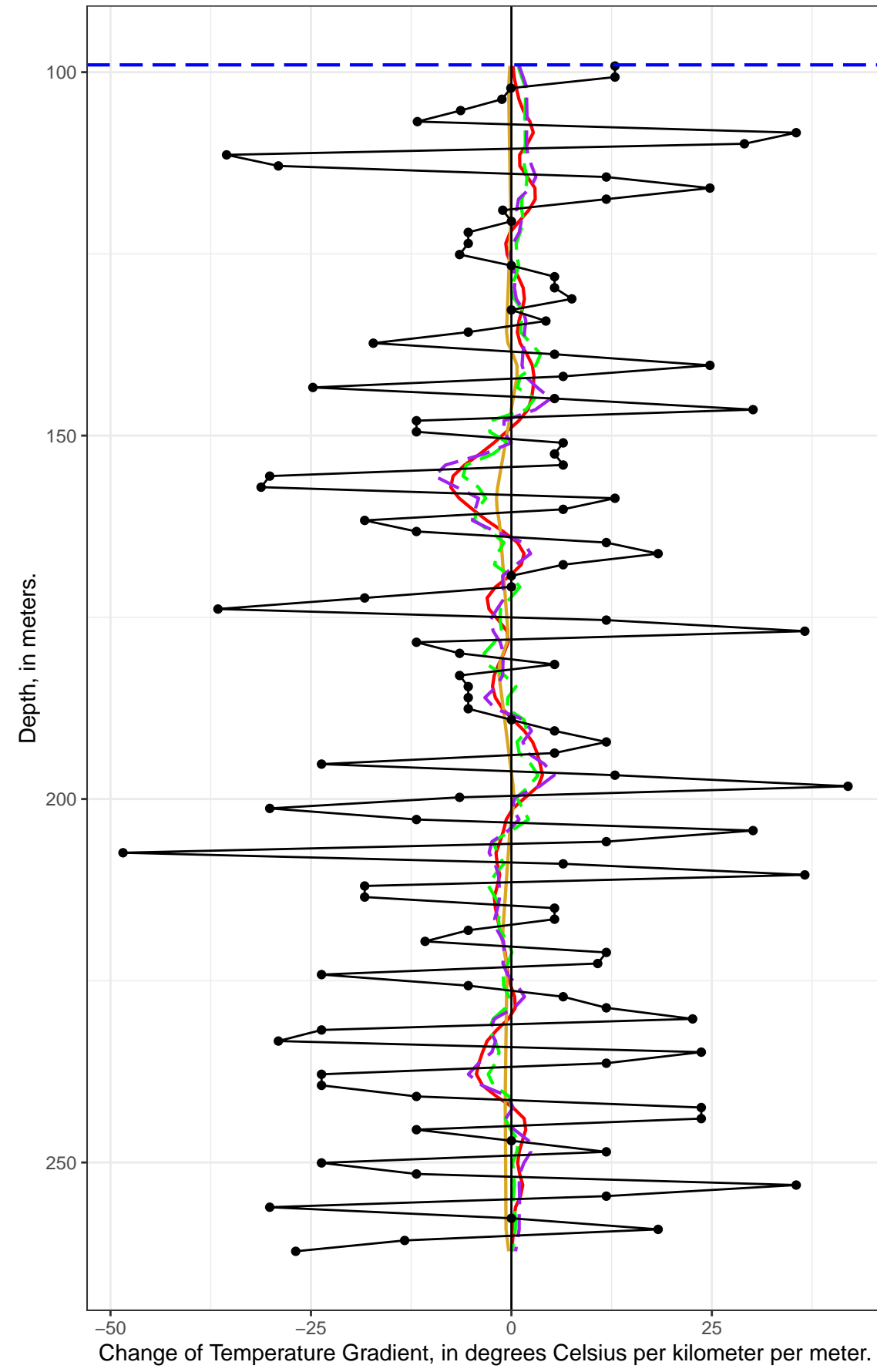
ID: 215 [PG-1_NMSU_Production_Well] Smoothed Profile



ID: 215 [PG-1_NMSU_Production_Well] First Derivative



ID: 215 [PG-1_NMSU_Production_Well] Second Derivative

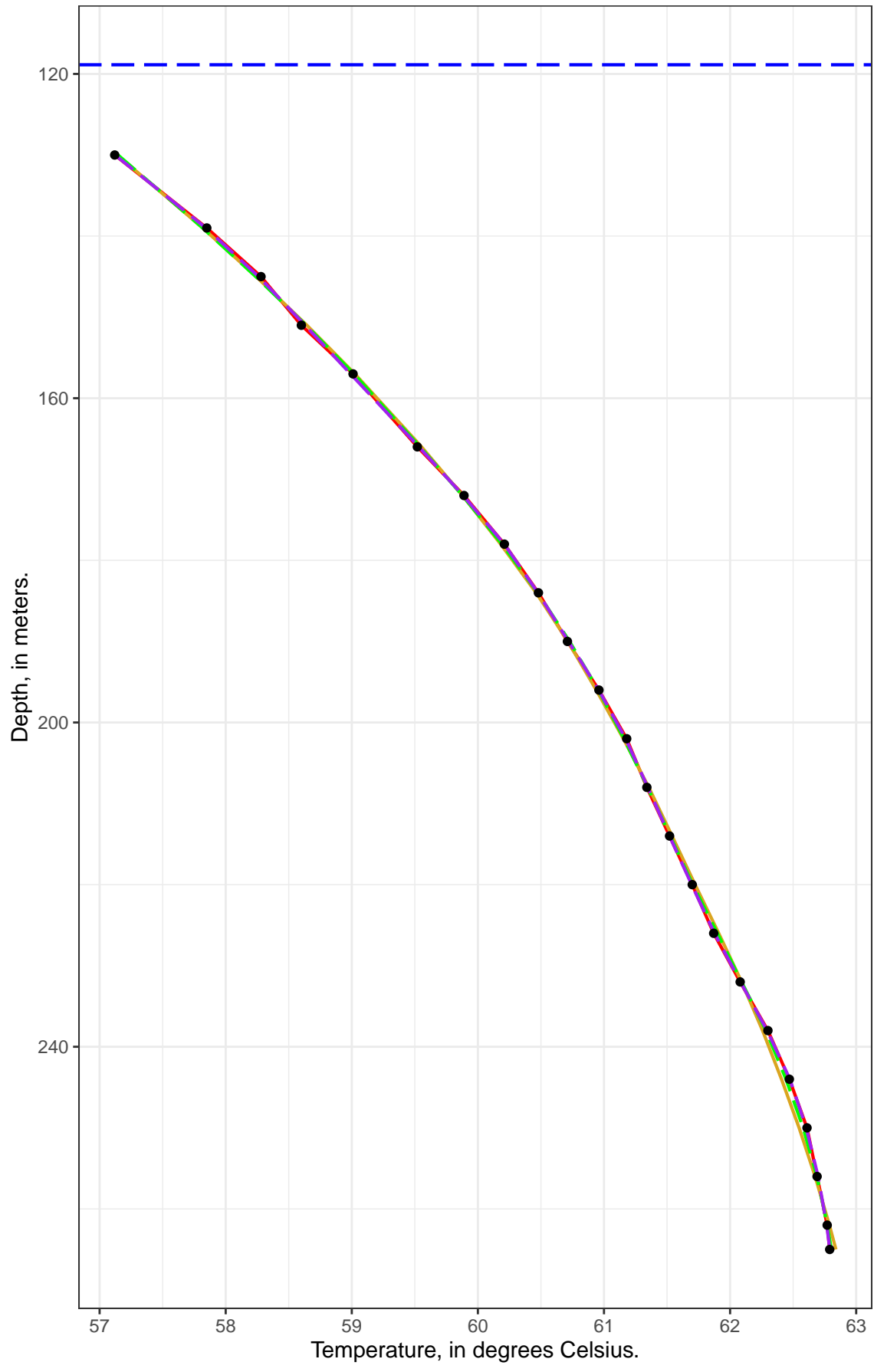


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

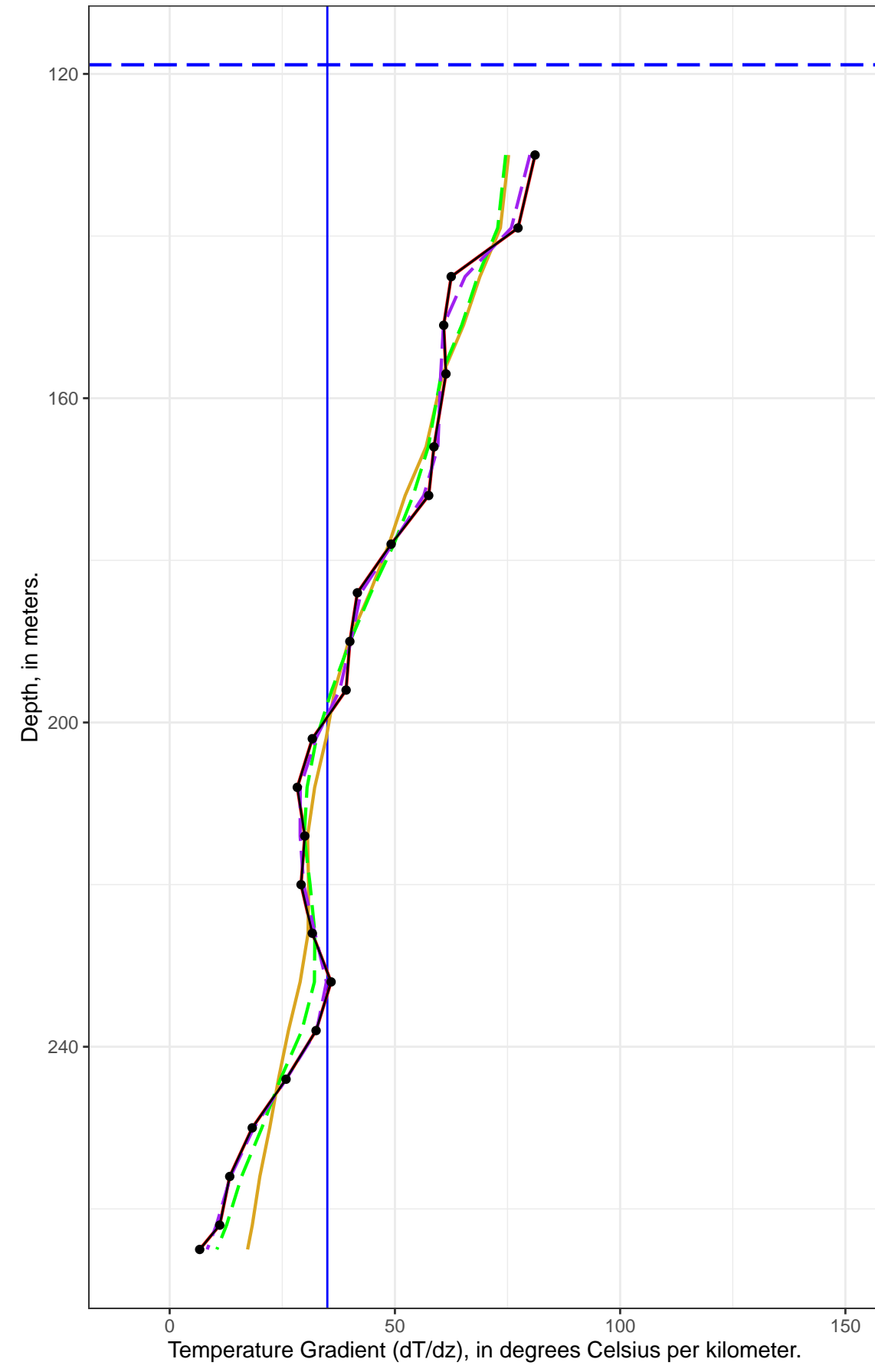
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

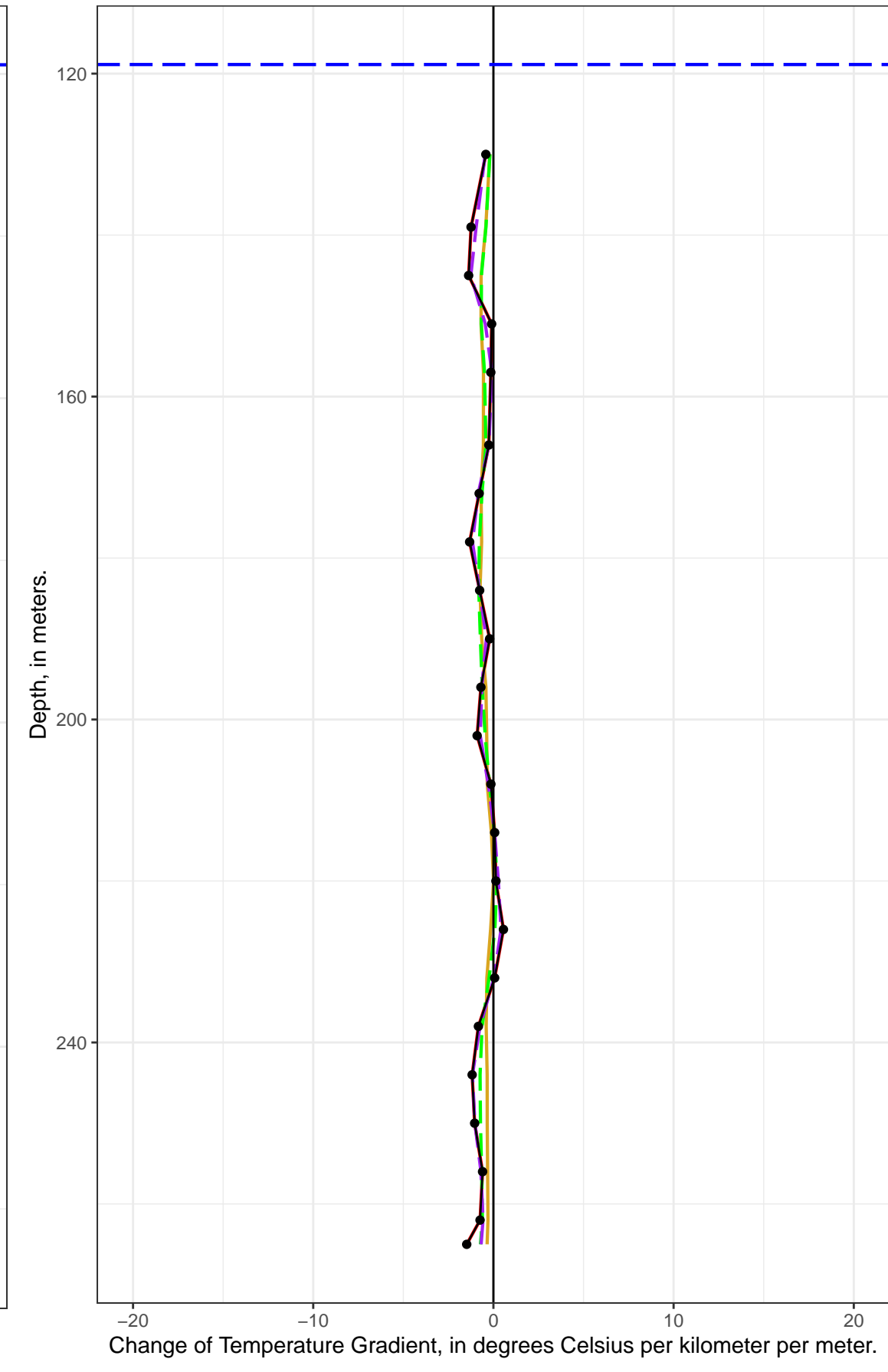
ID: 216 [PG-3_NMSU_PRODUCTION_Well] Smoothed Profile



ID: 216 [PG-3_NMSU_PRODUCTION_Well] First Derivative



ID: 216 [PG-3_NMSU_PRODUCTION_Well] Second Derivative

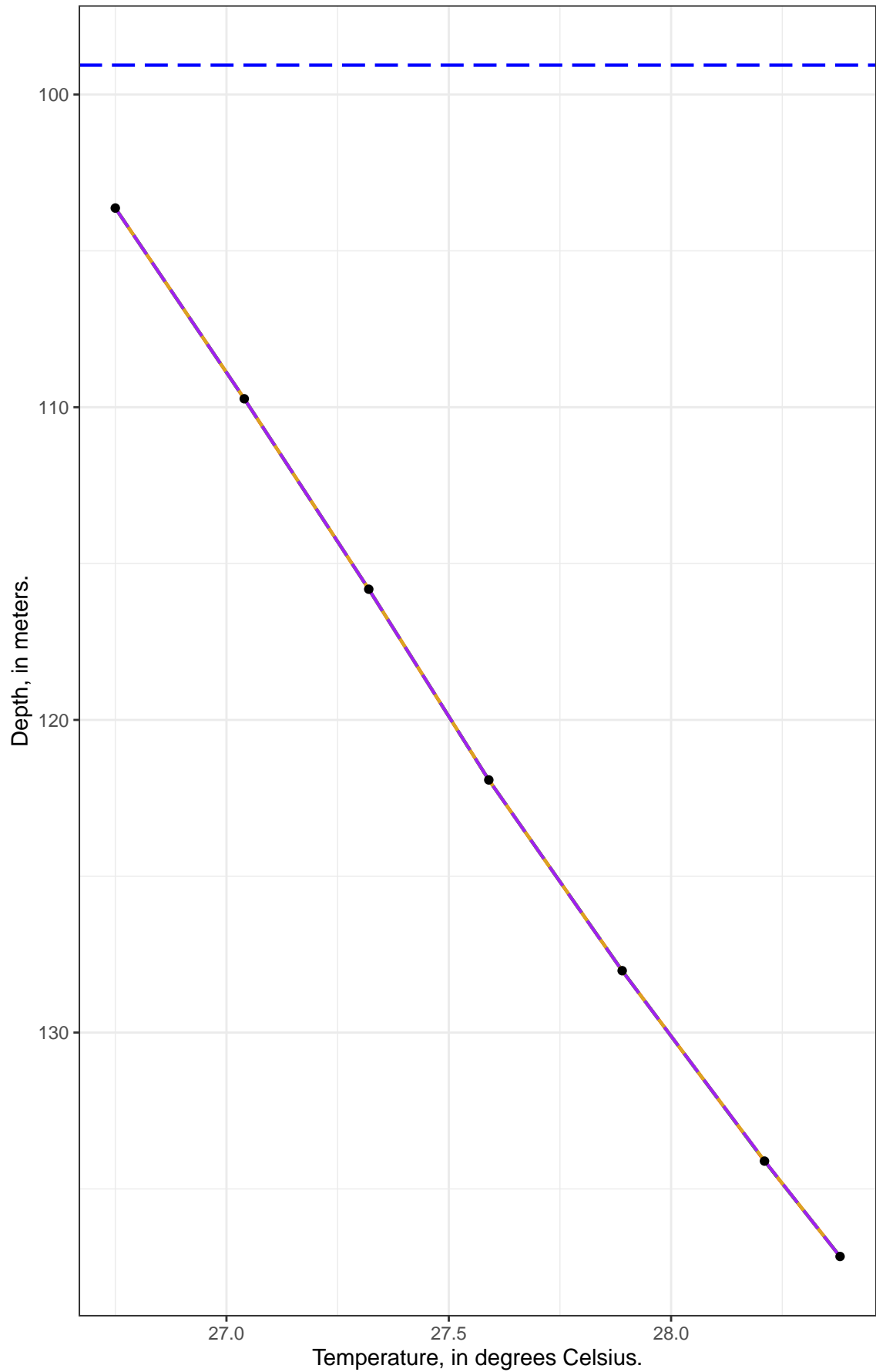


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

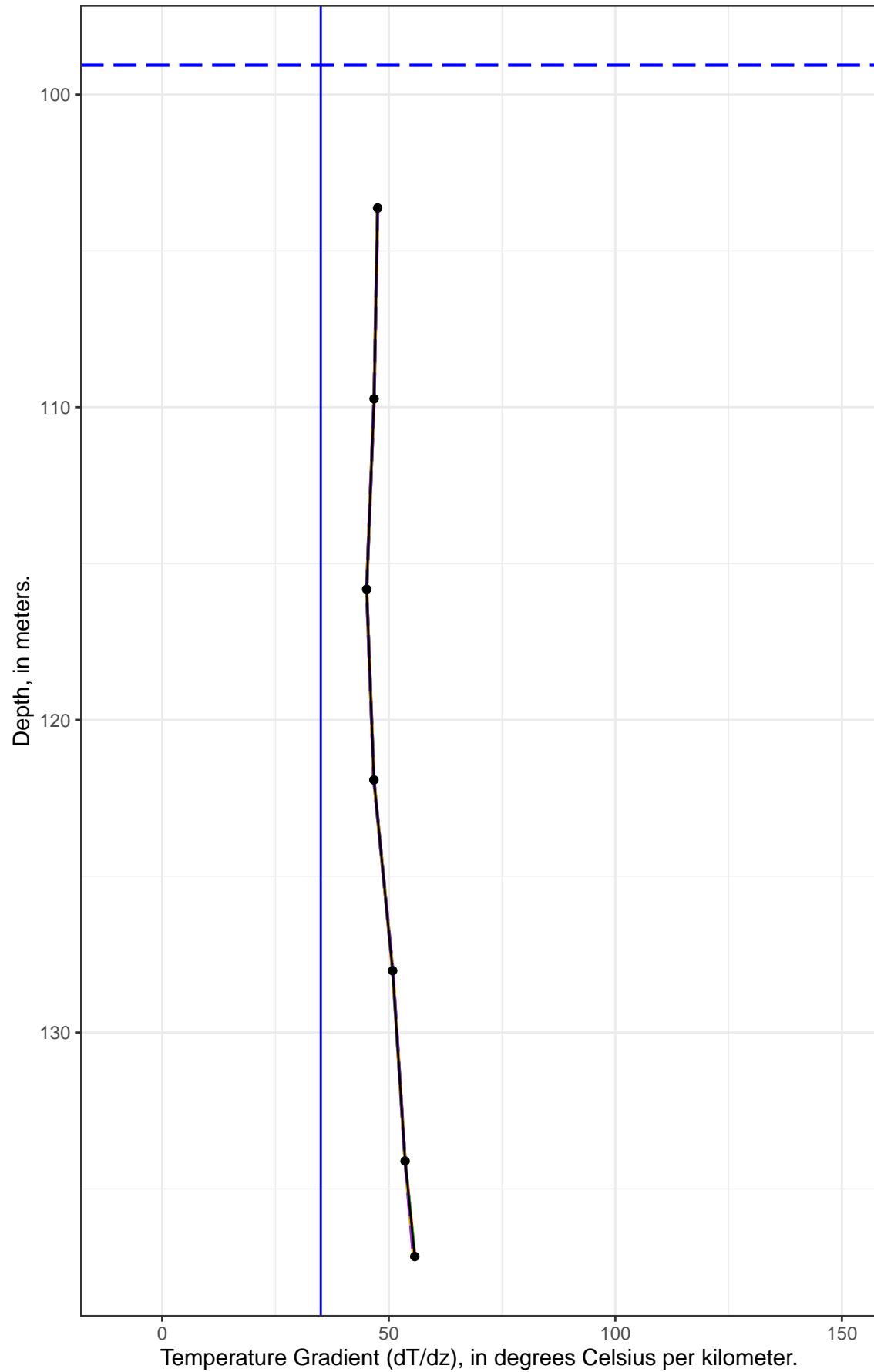
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

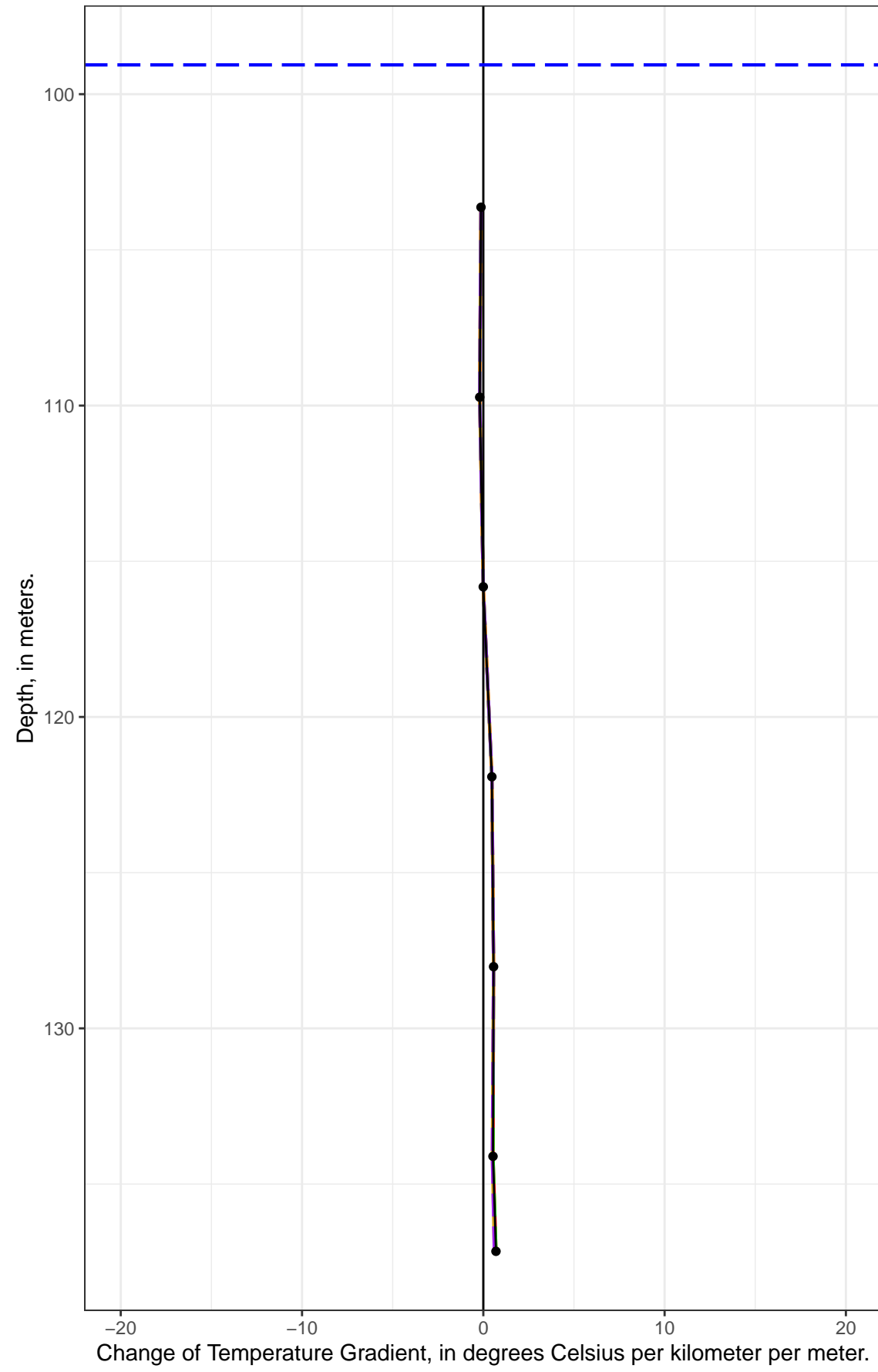
ID: 219 [Phillips_KH-2] Smoothed Profile



ID: 219 [Phillips_KH-2] First Derivative



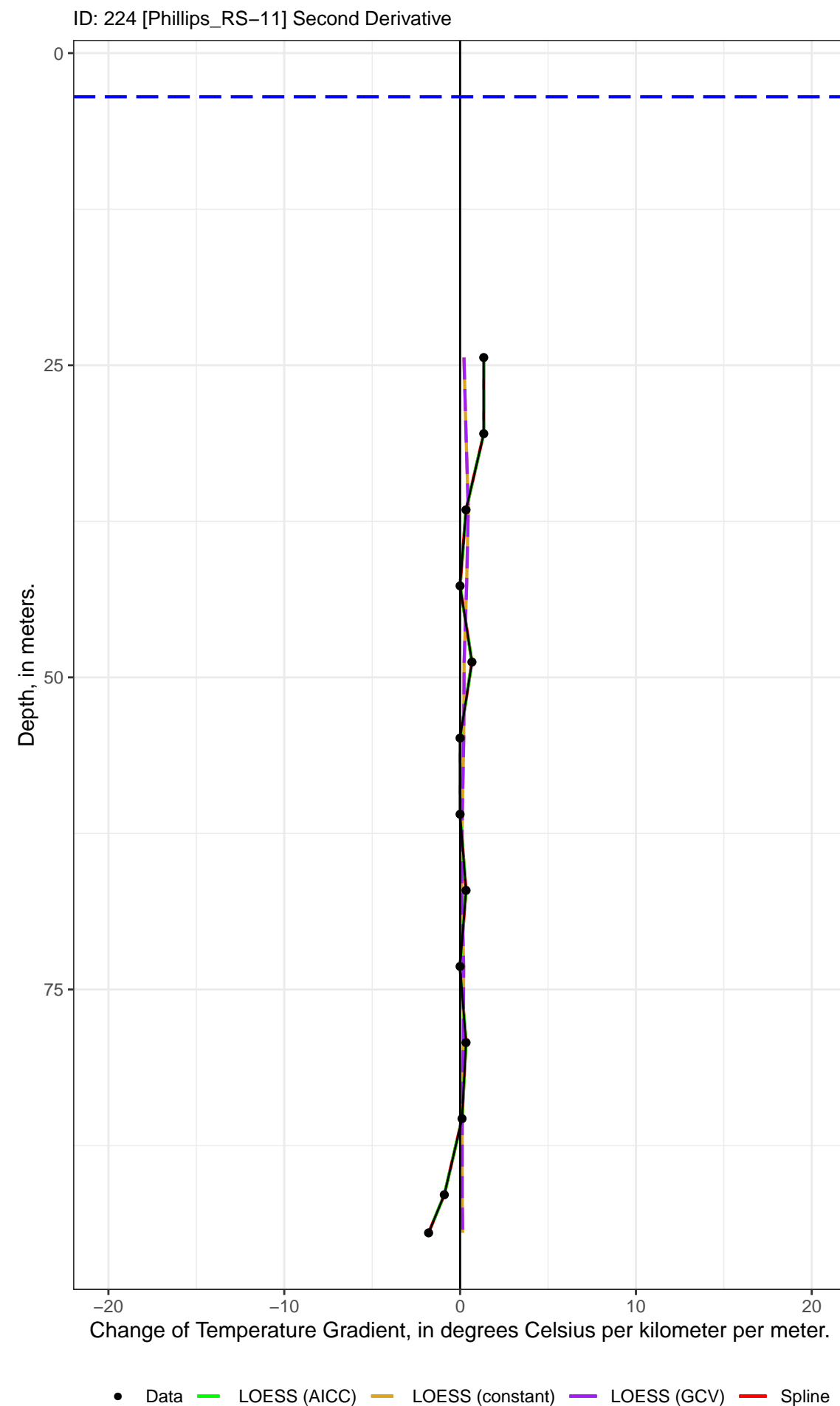
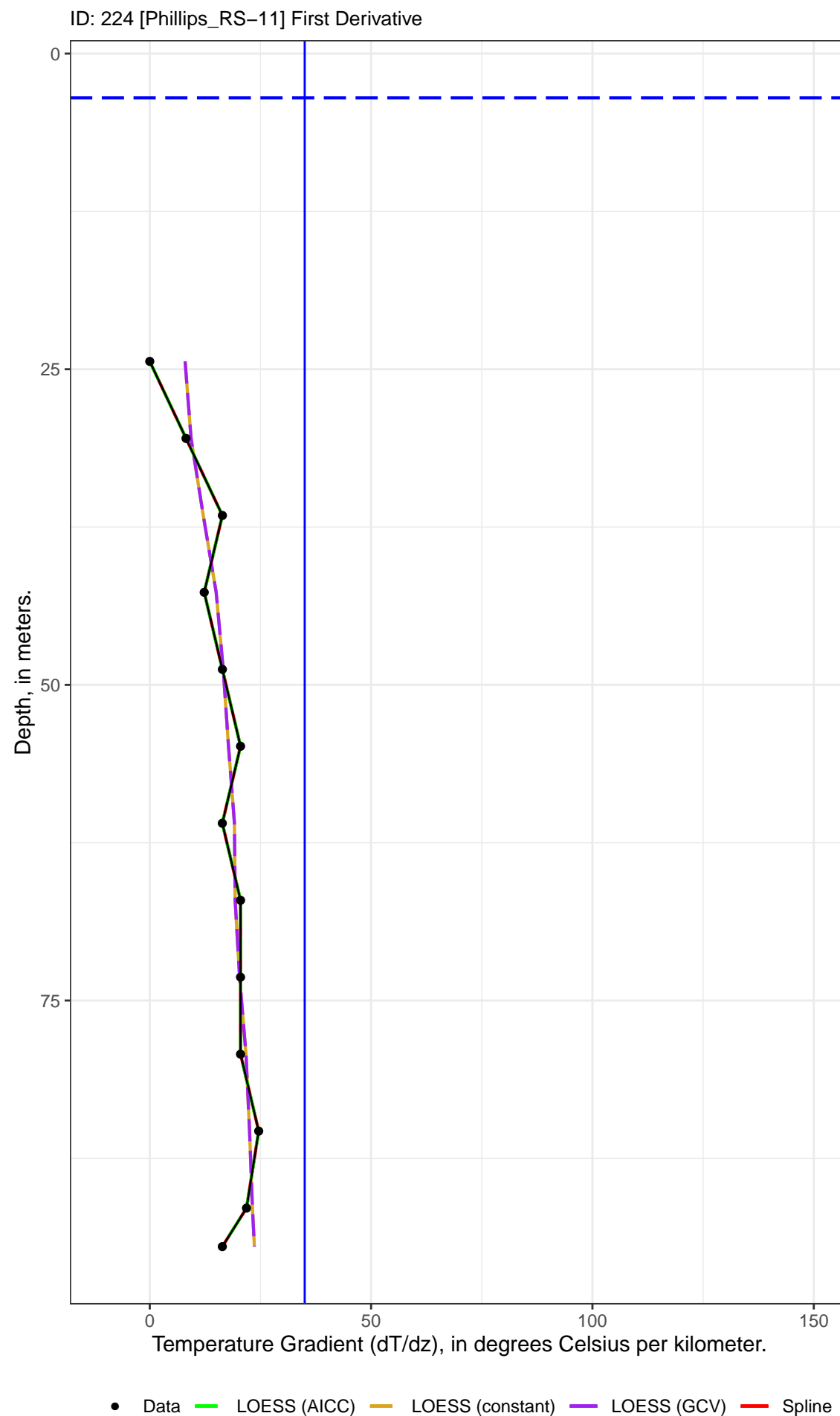
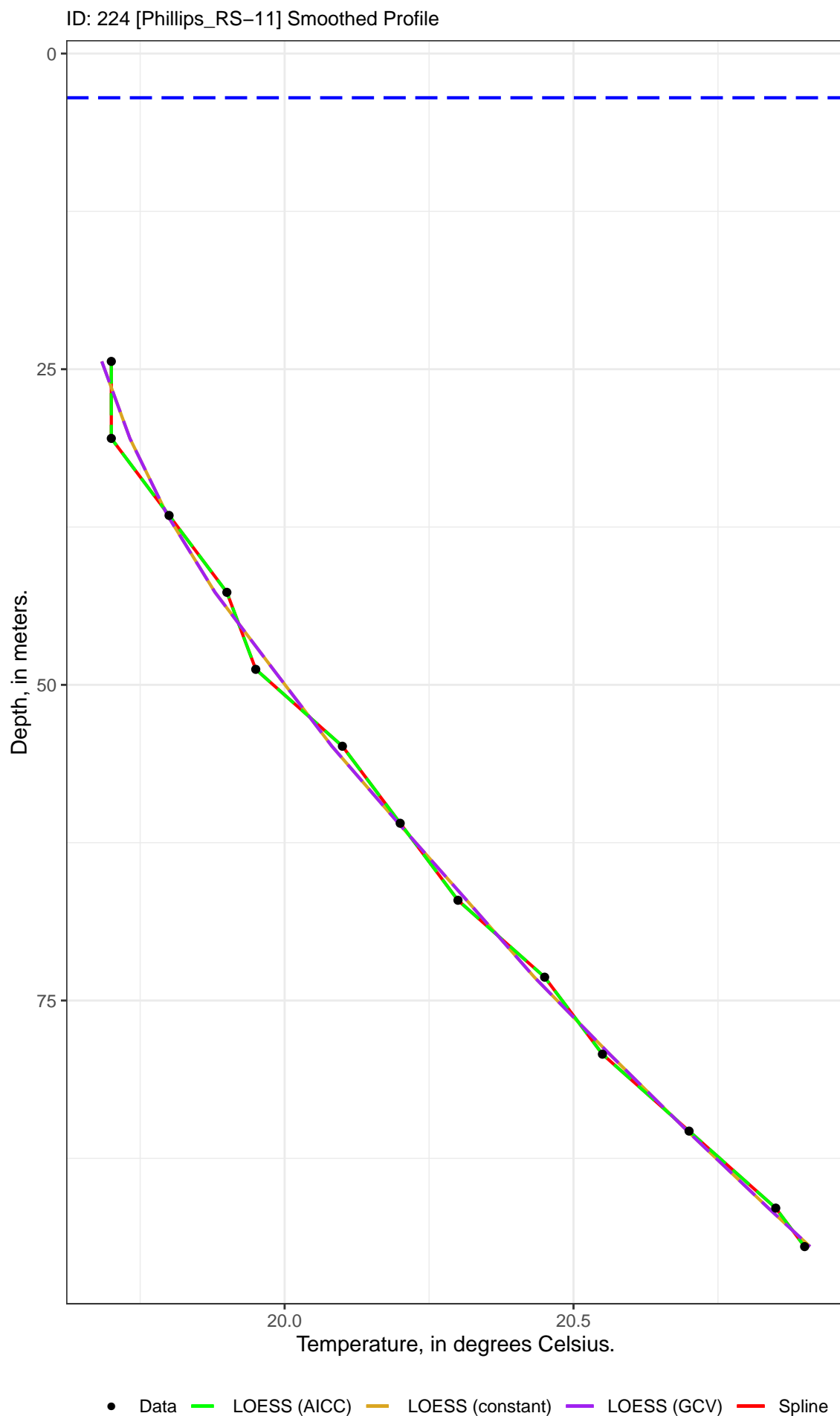
ID: 219 [Phillips_KH-2] Second Derivative

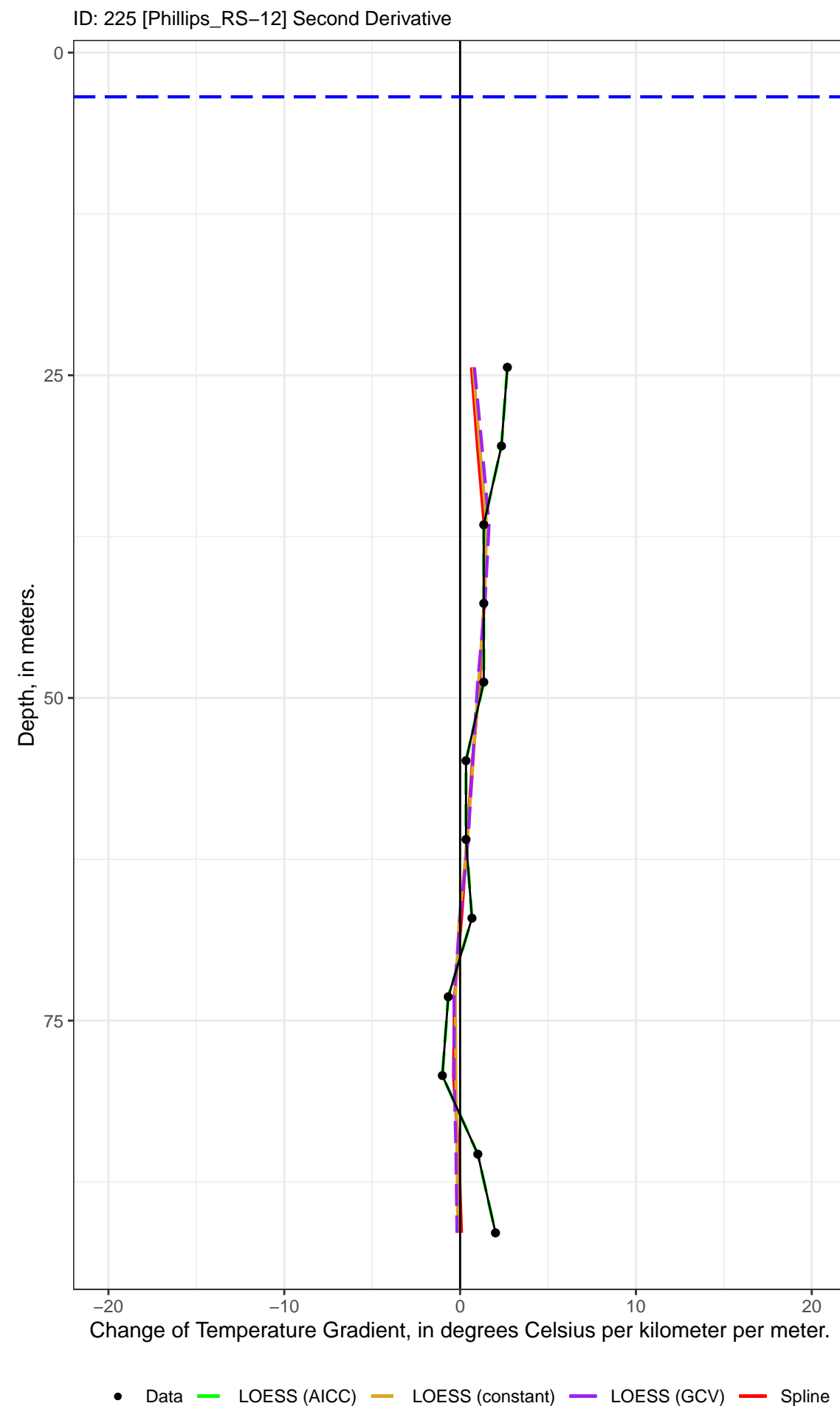
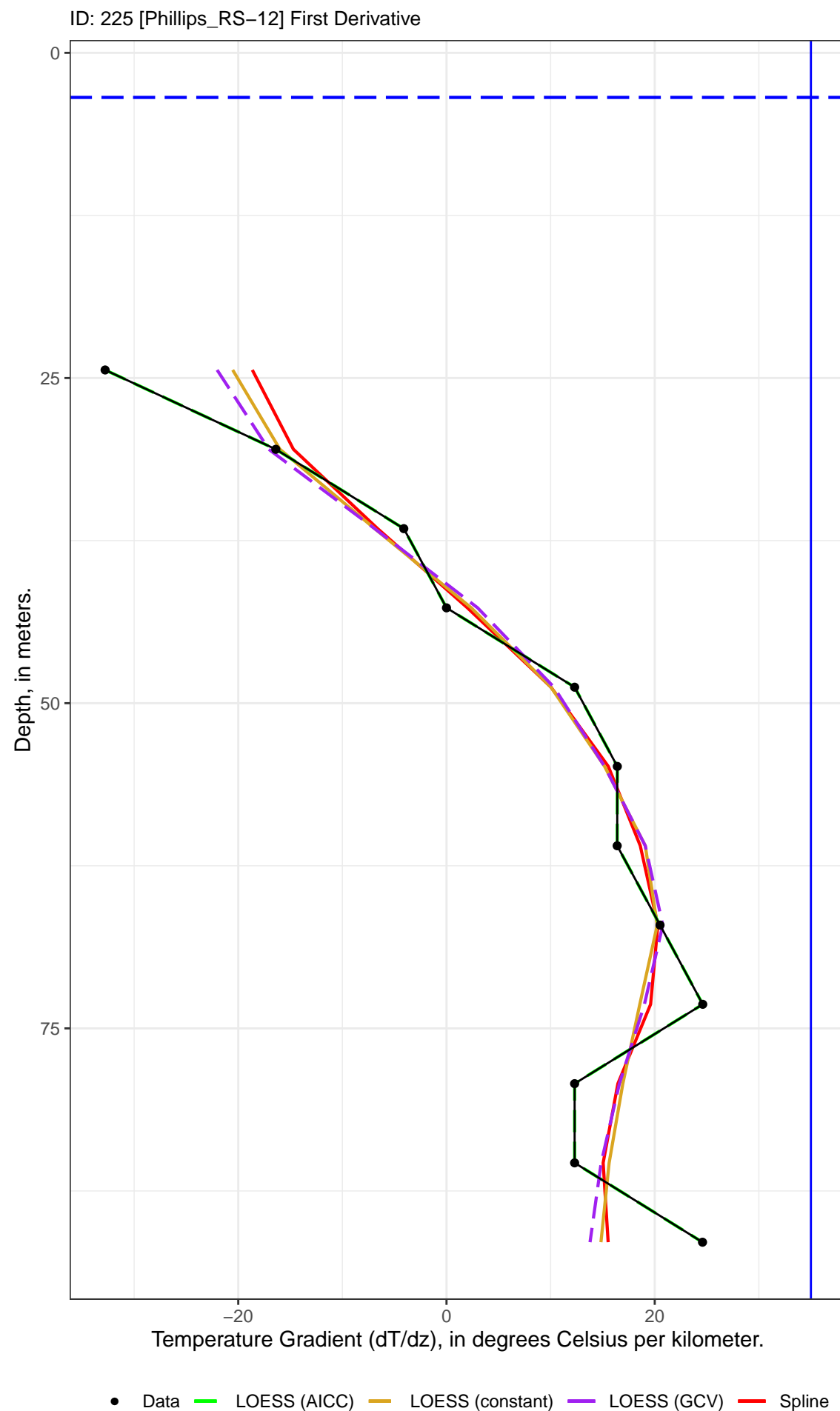
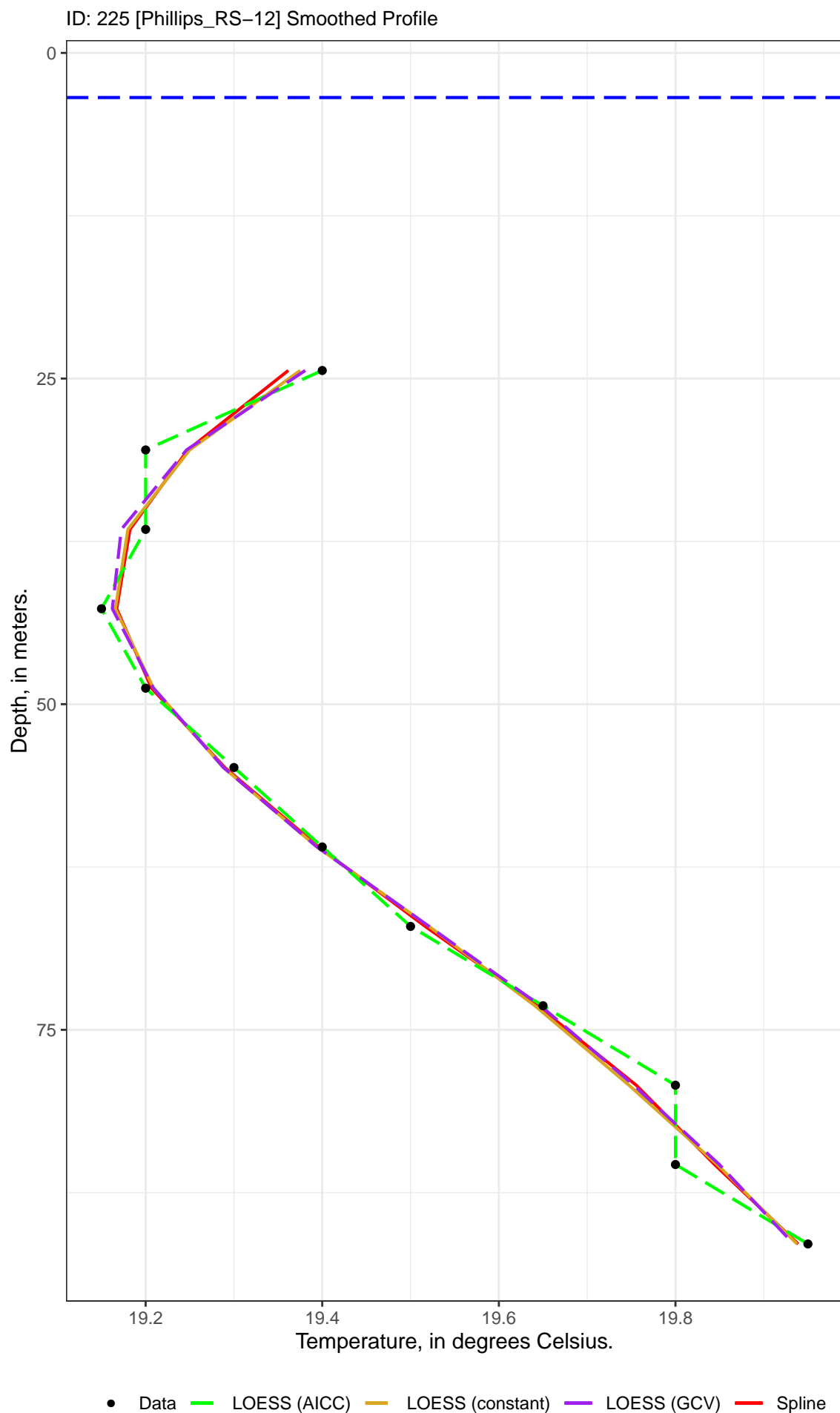


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

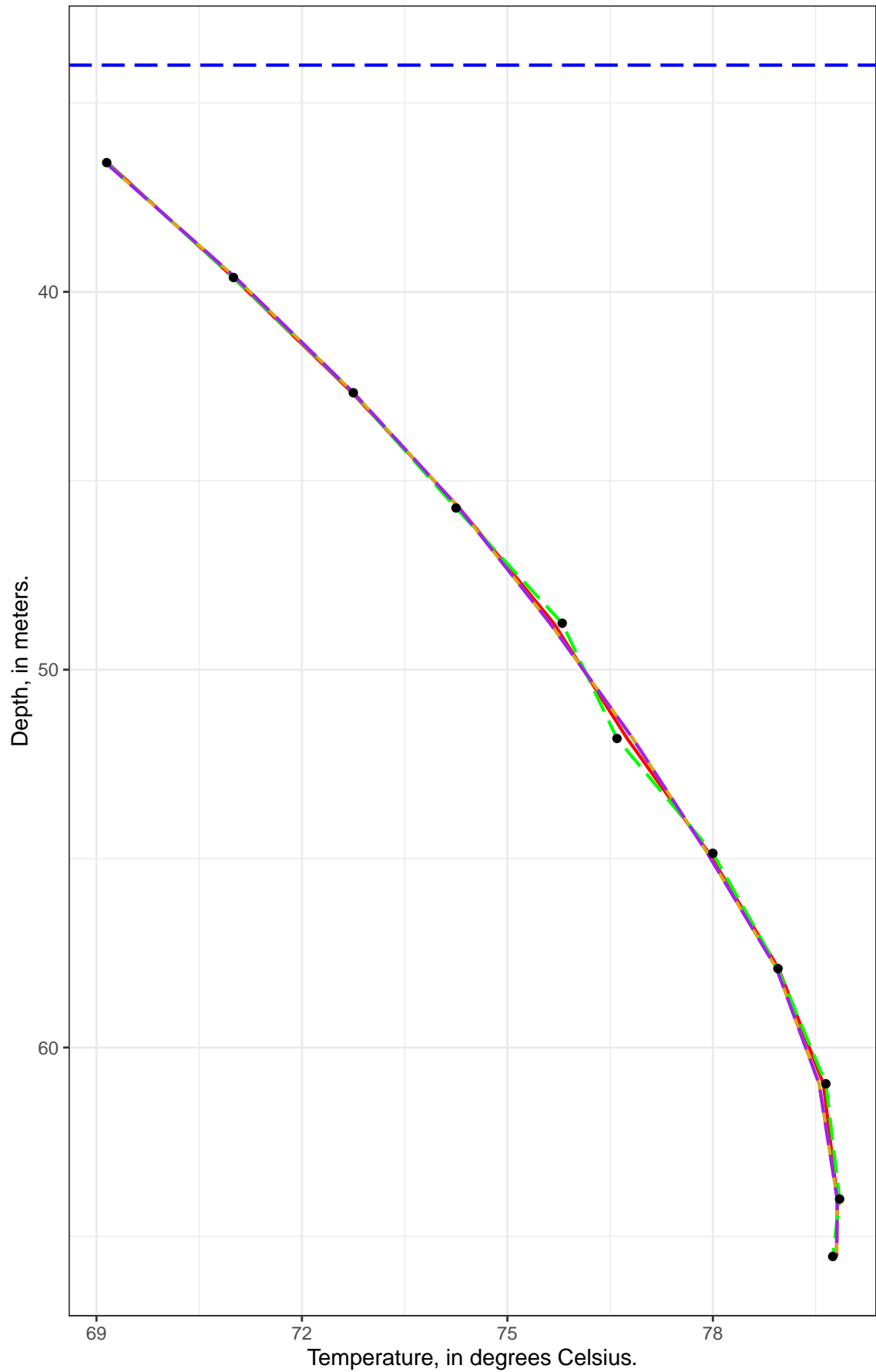
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline



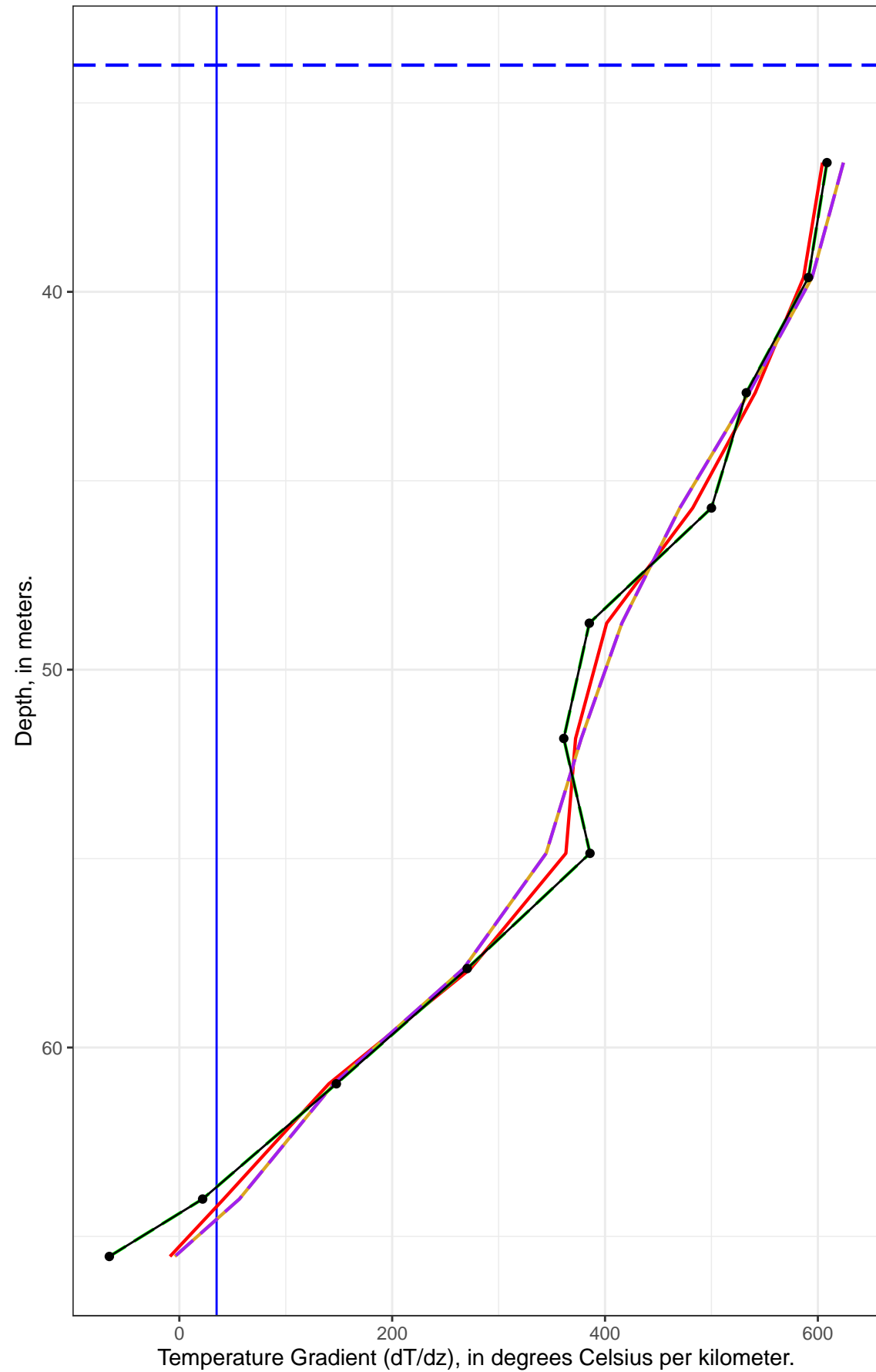


ID: 229 [Phillips_RS-9] Smoothed Profile



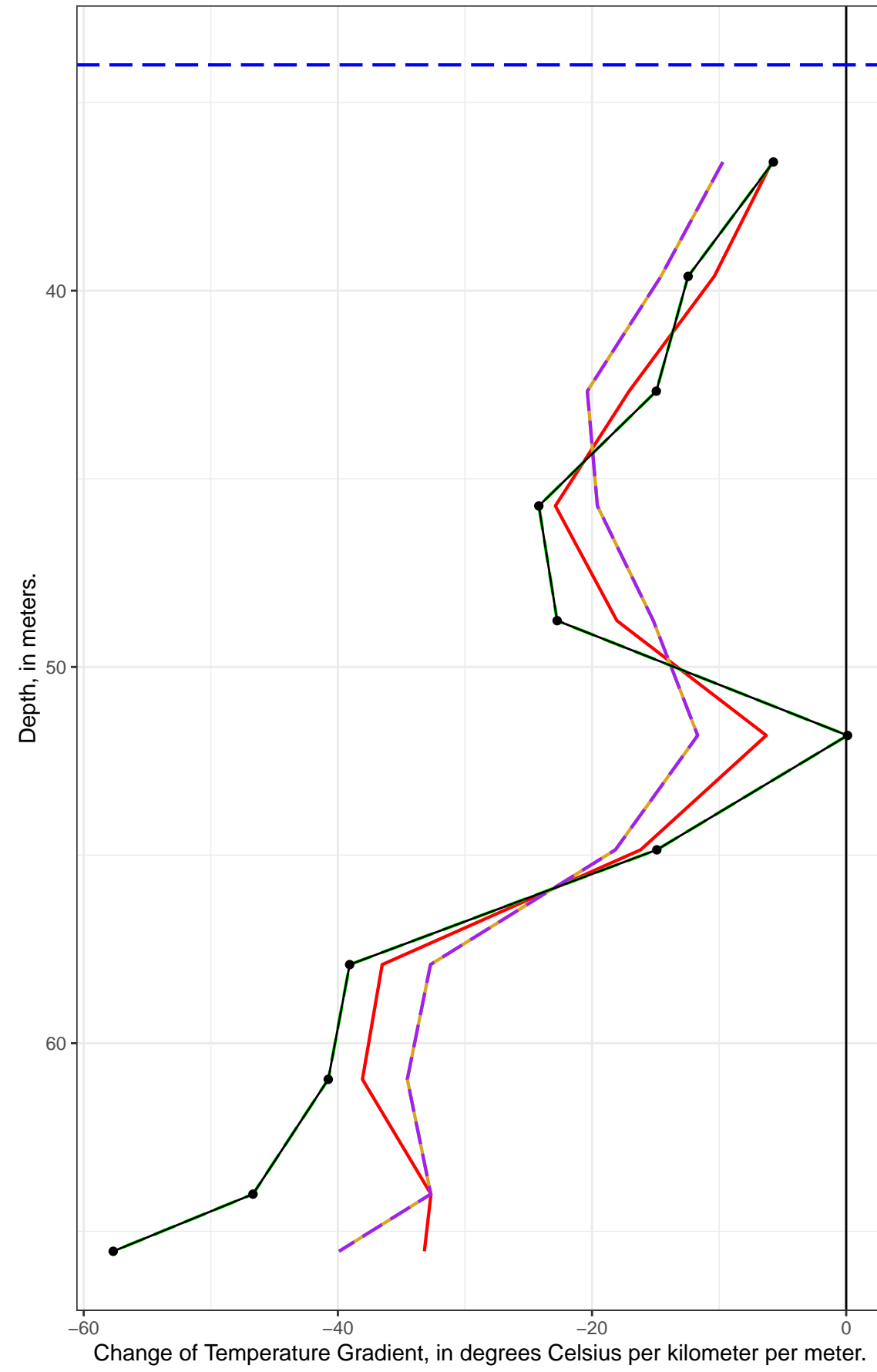
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

ID: 229 [Phillips_RS-9] First Derivative



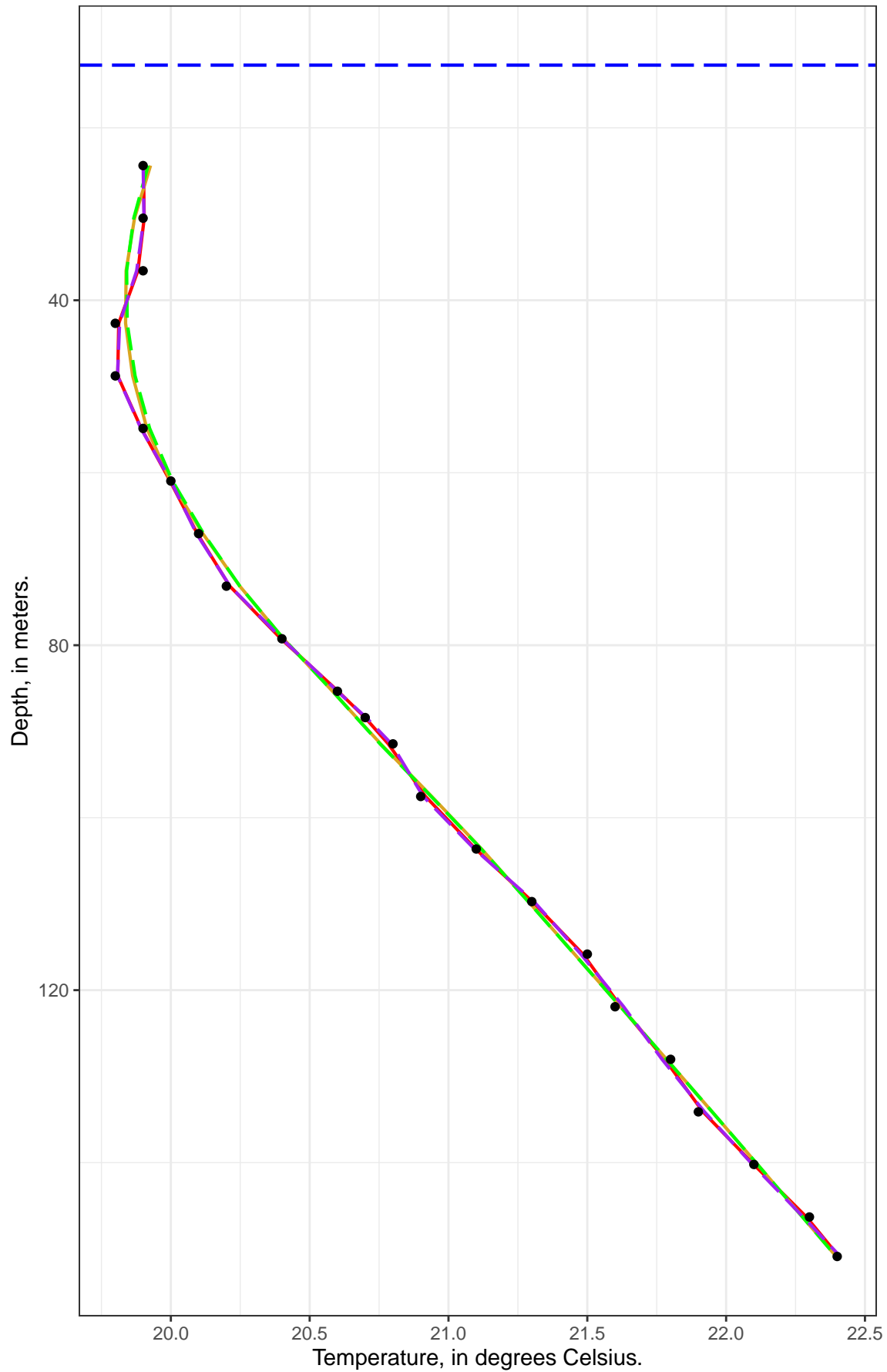
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

ID: 229 [Phillips_RS-9] Second Derivative

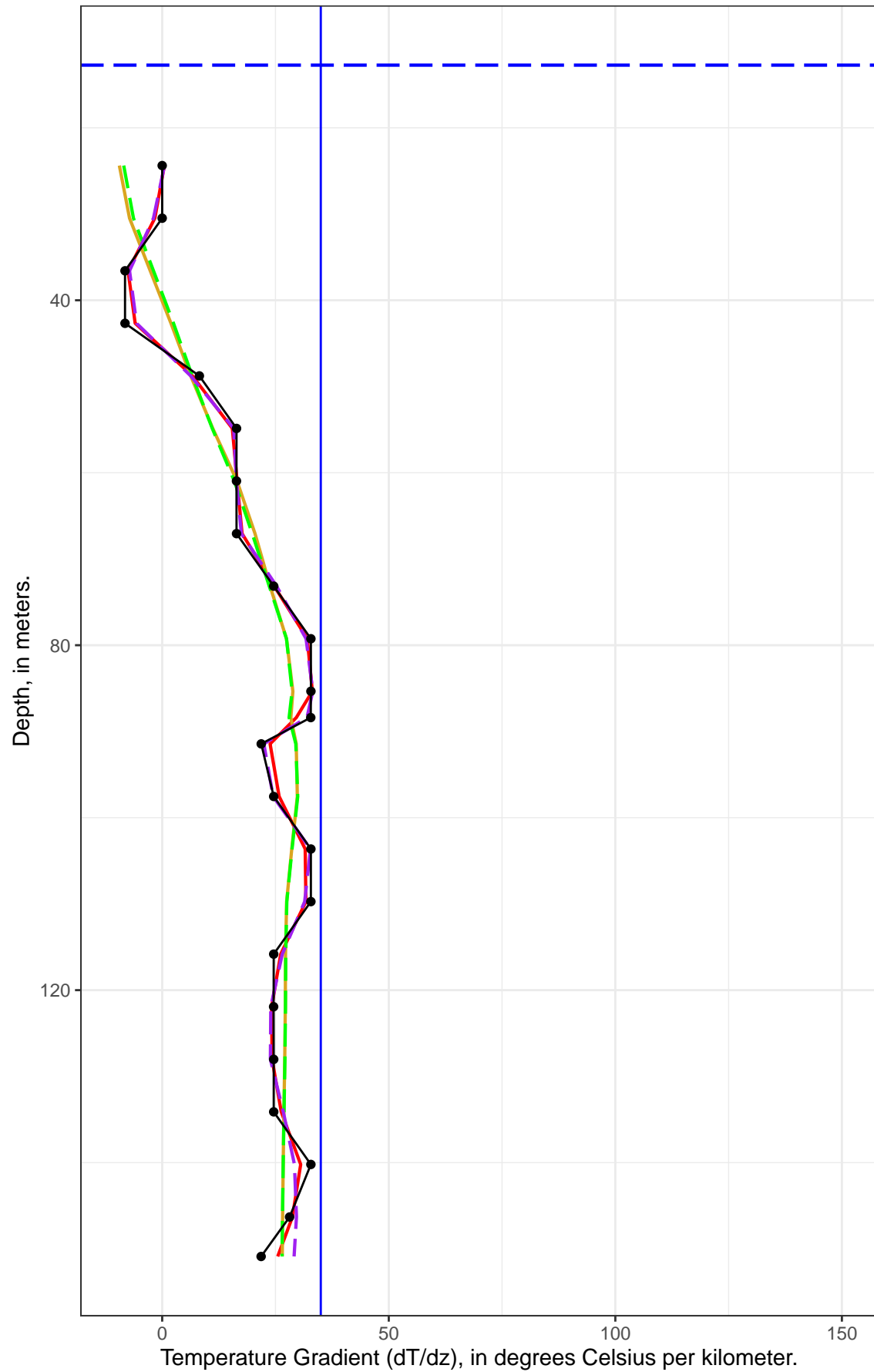


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

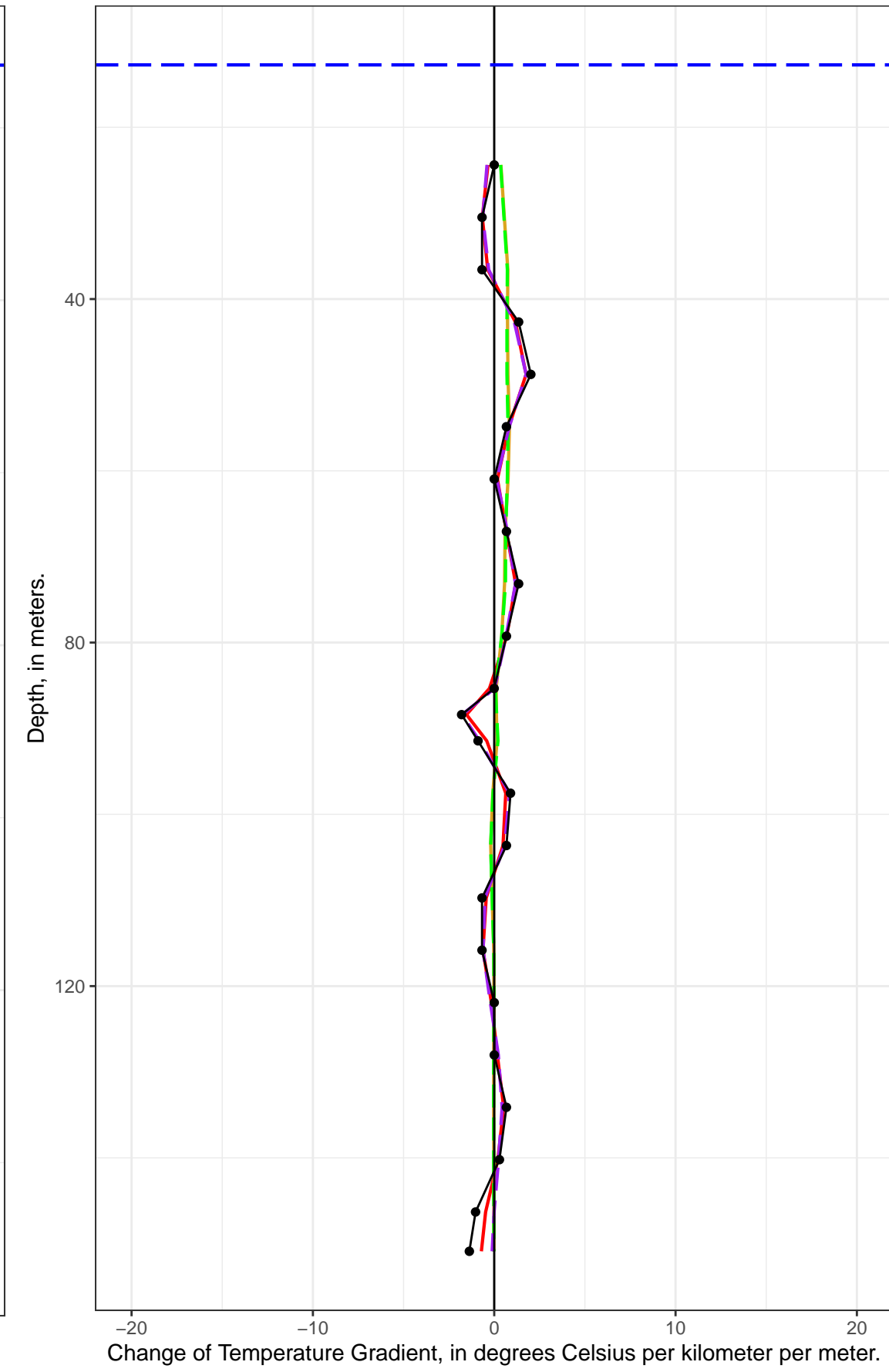
ID: 236 [Phillips_T-3] Smoothed Profile



ID: 236 [Phillips_T-3] First Derivative



ID: 236 [Phillips_T-3] Second Derivative

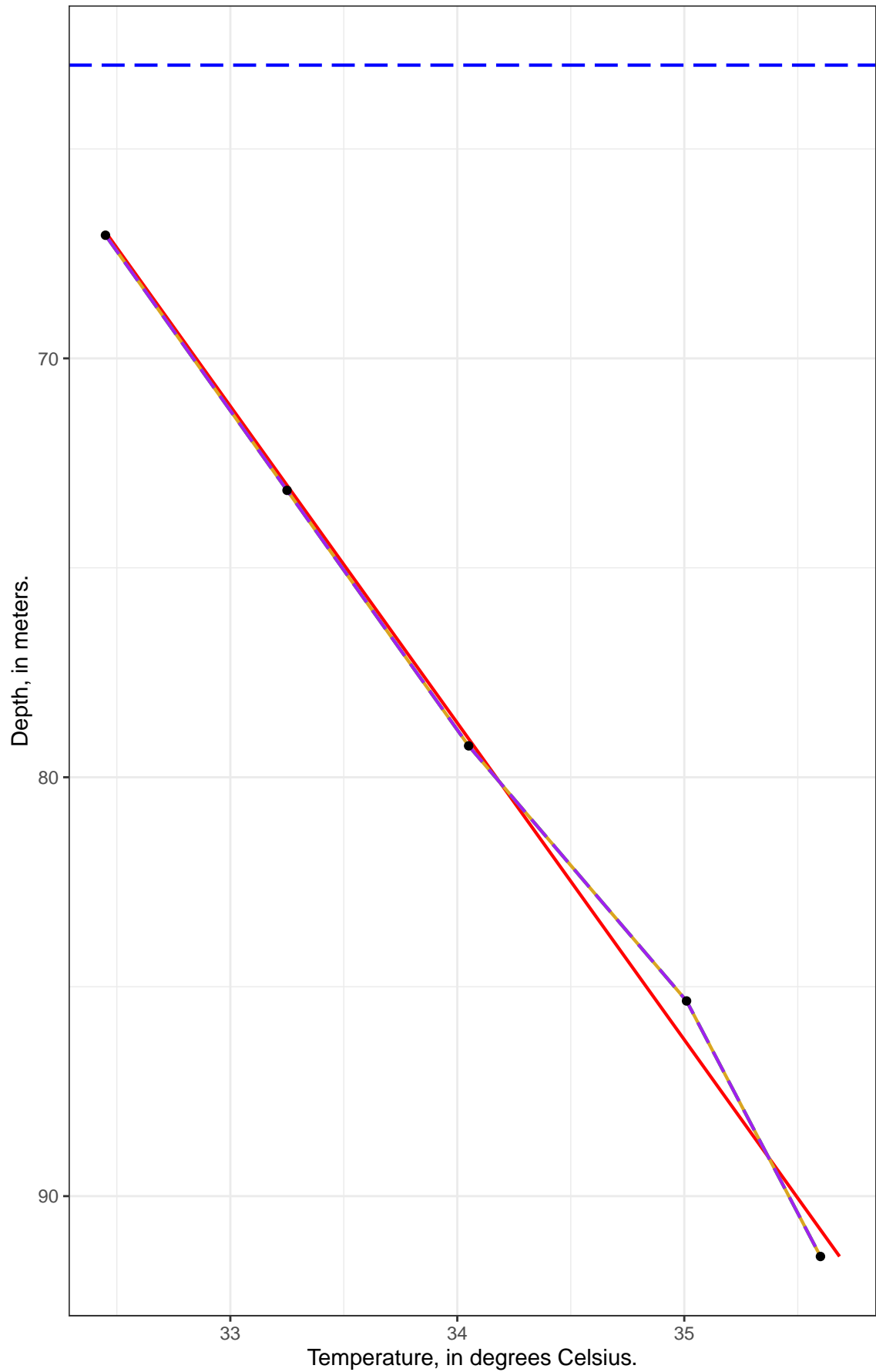


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

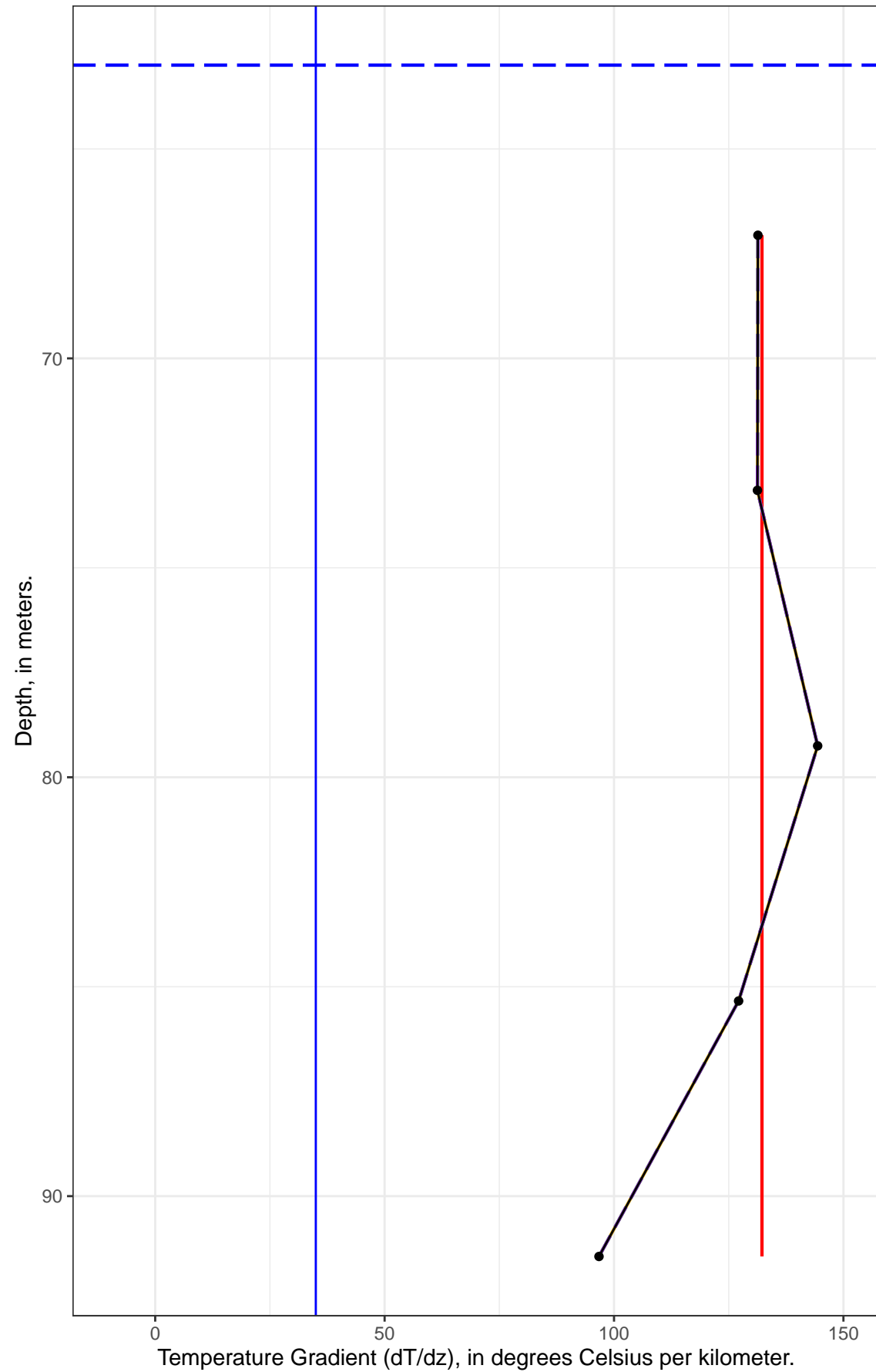
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 241 [Phillips_T-9] Smoothed Profile



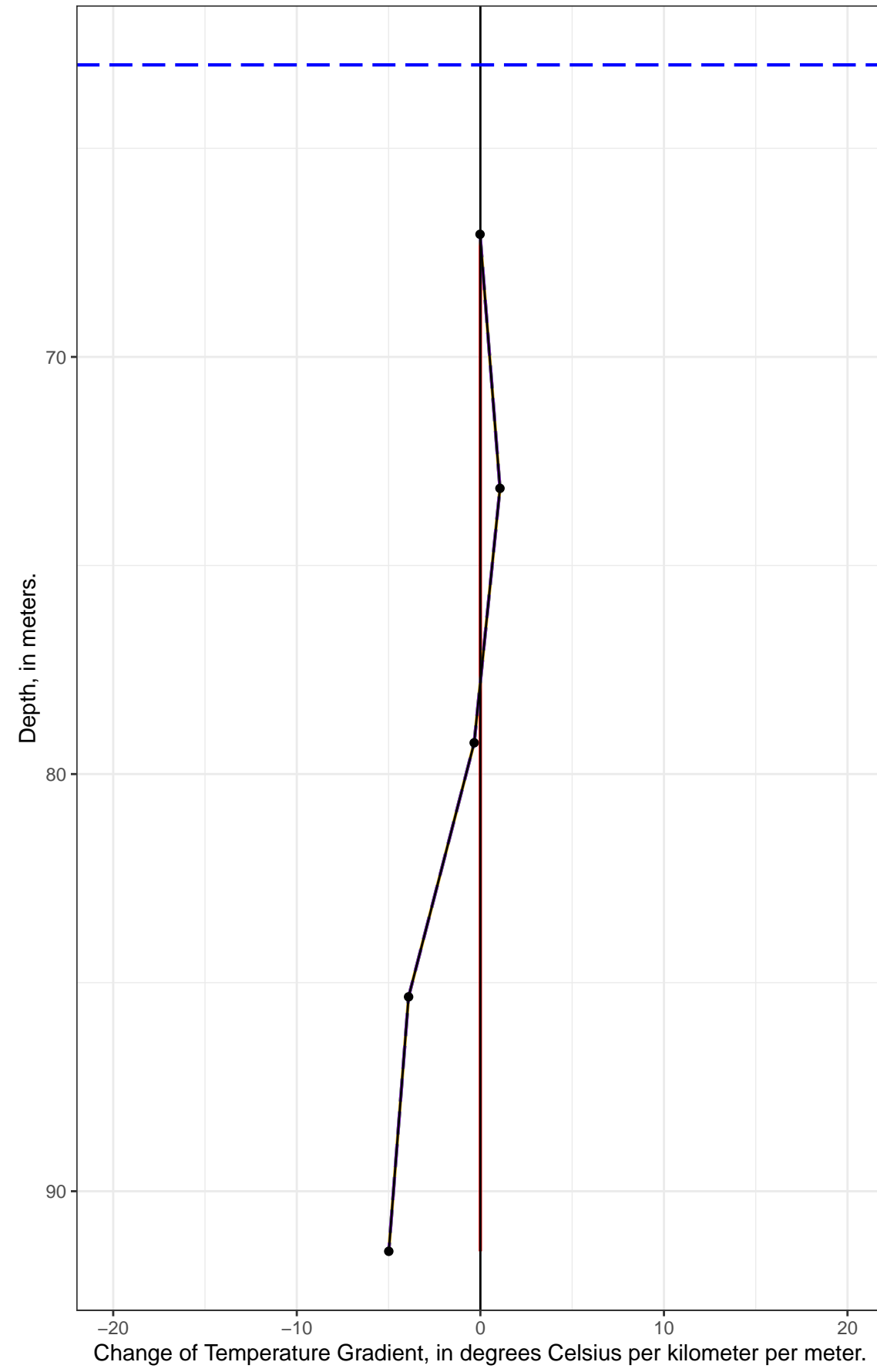
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 241 [Phillips_T-9] First Derivative



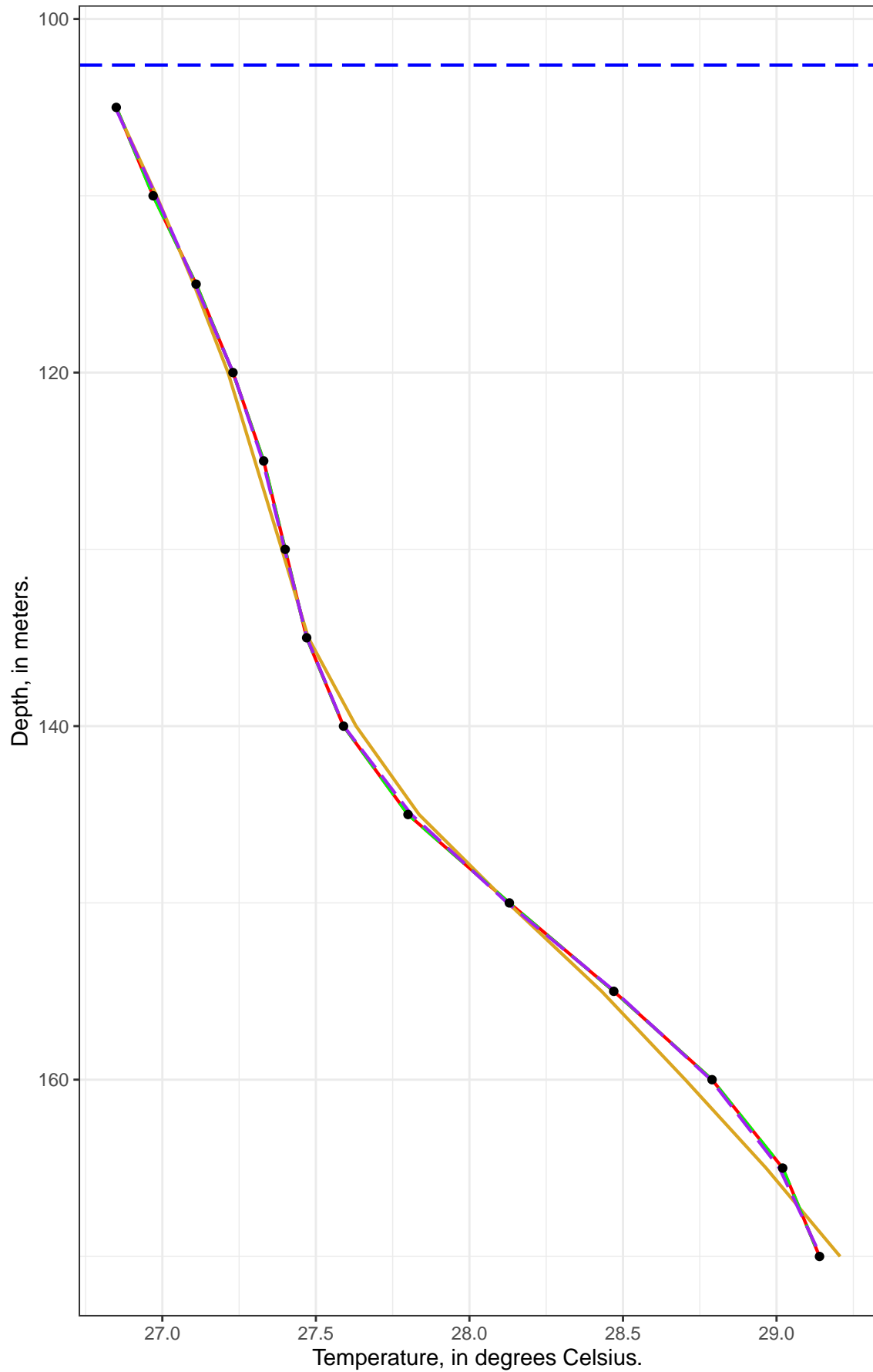
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 241 [Phillips_T-9] Second Derivative

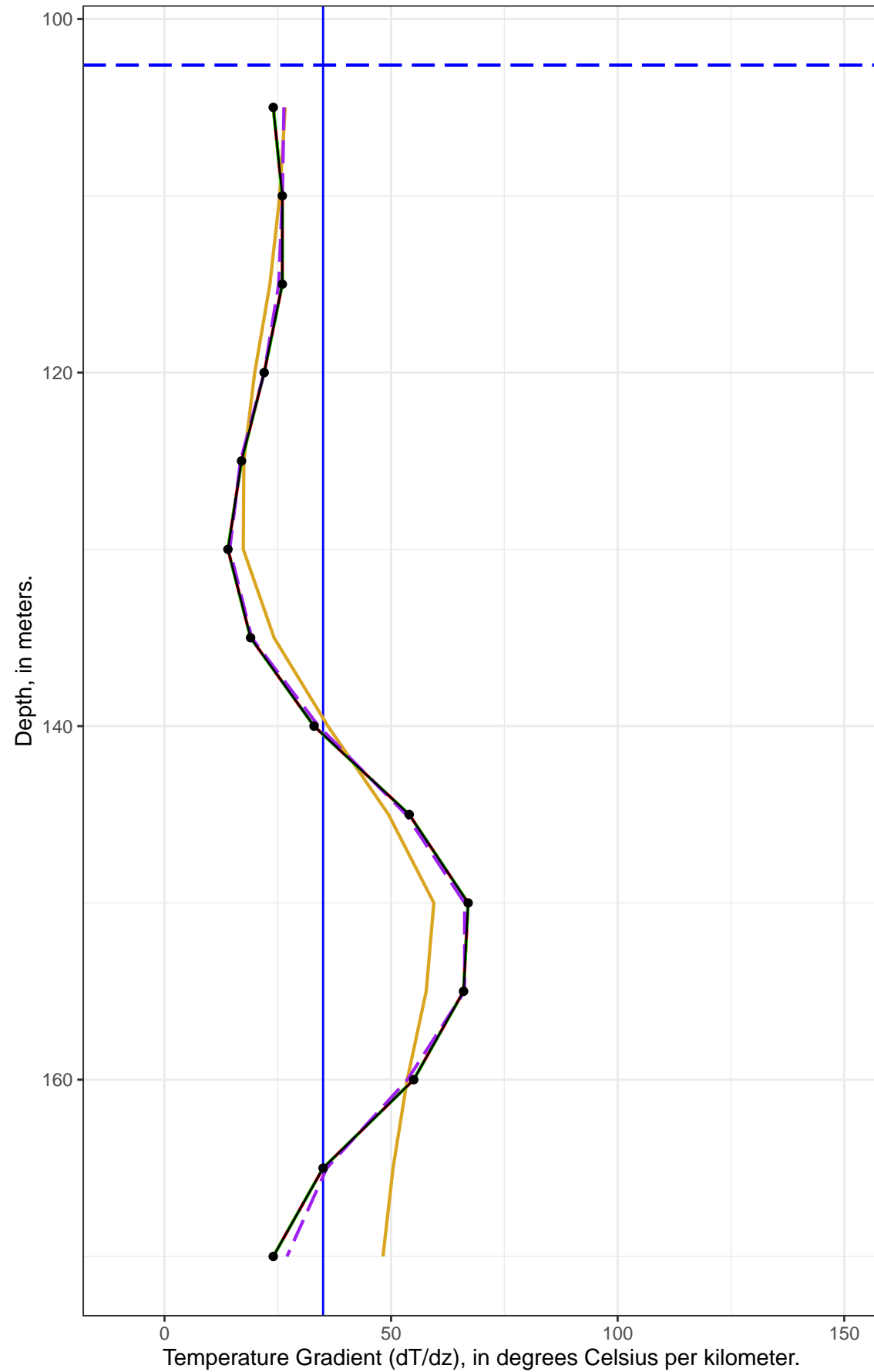


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

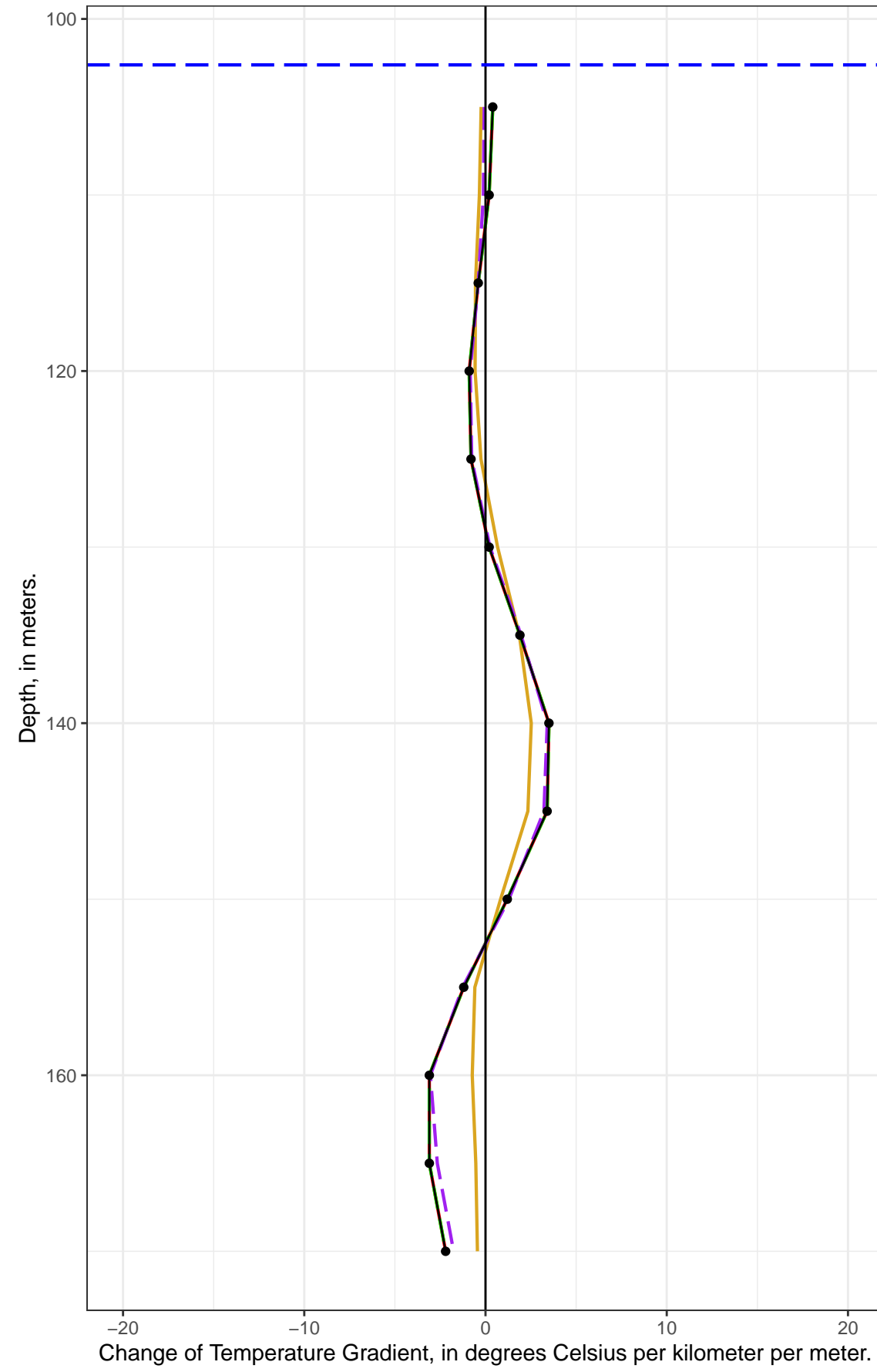
ID: 243 [ST-10] Smoothed Profile



ID: 243 [ST-10] First Derivative



ID: 243 [ST-10] Second Derivative

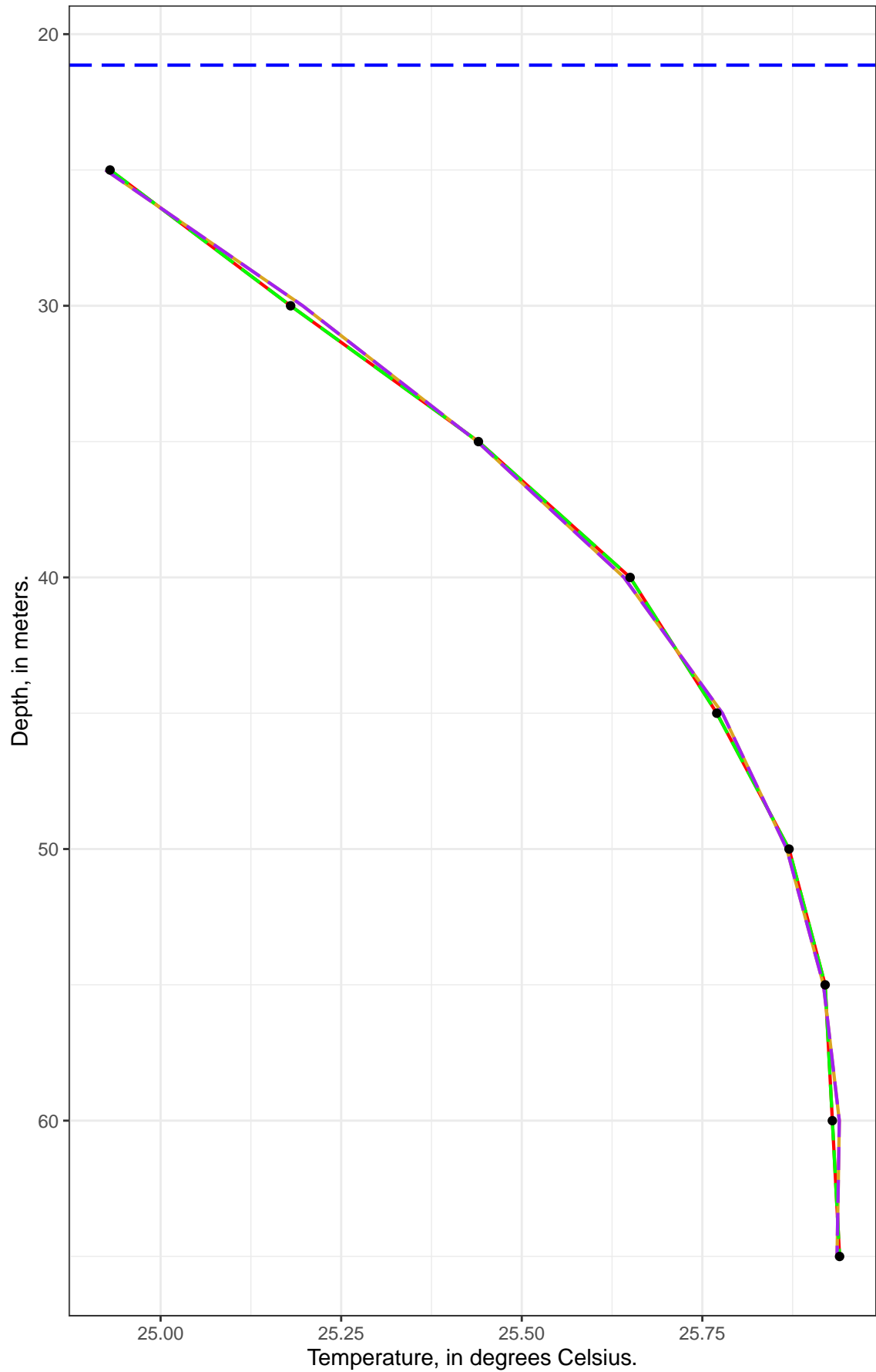


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

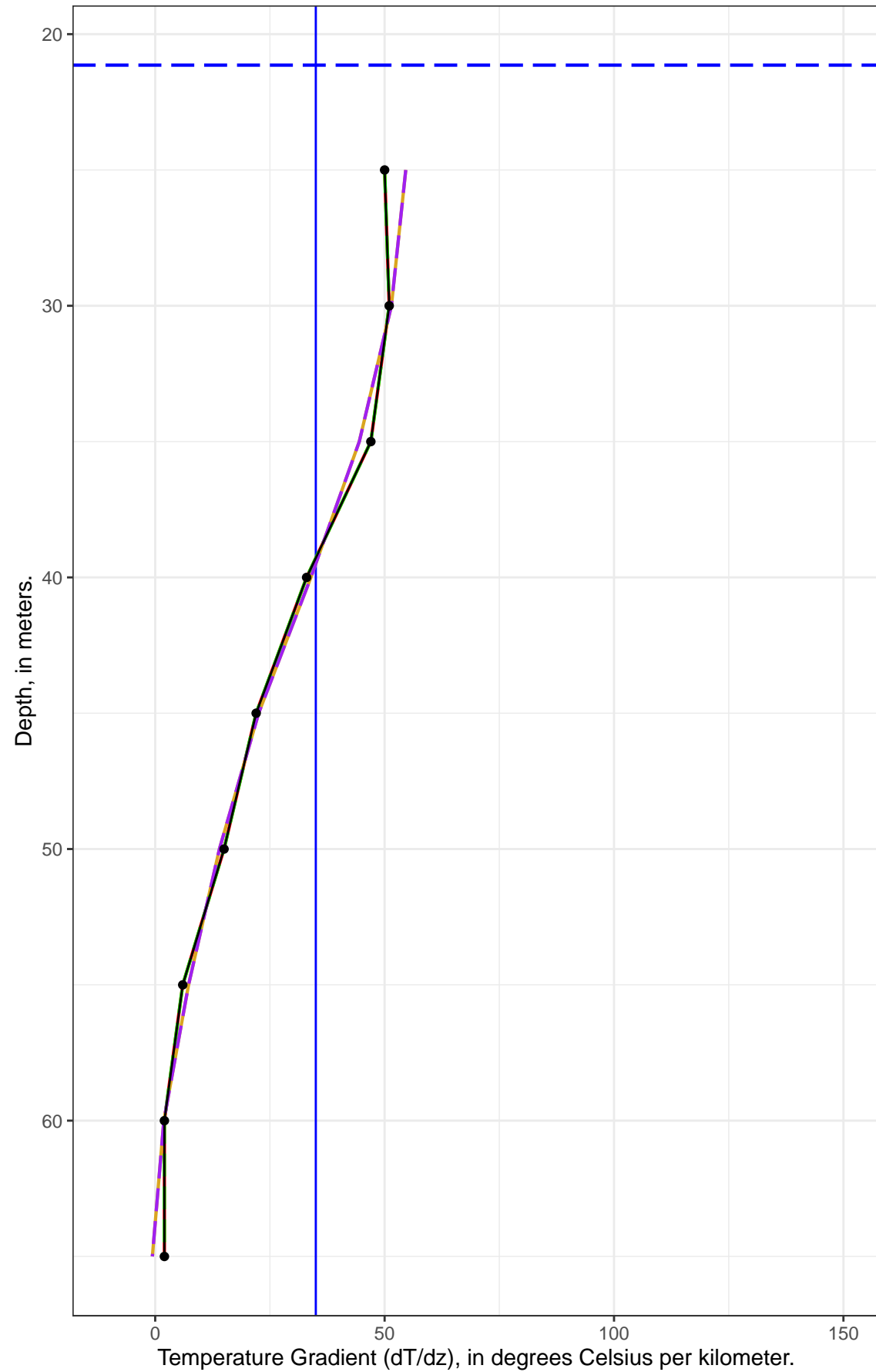
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

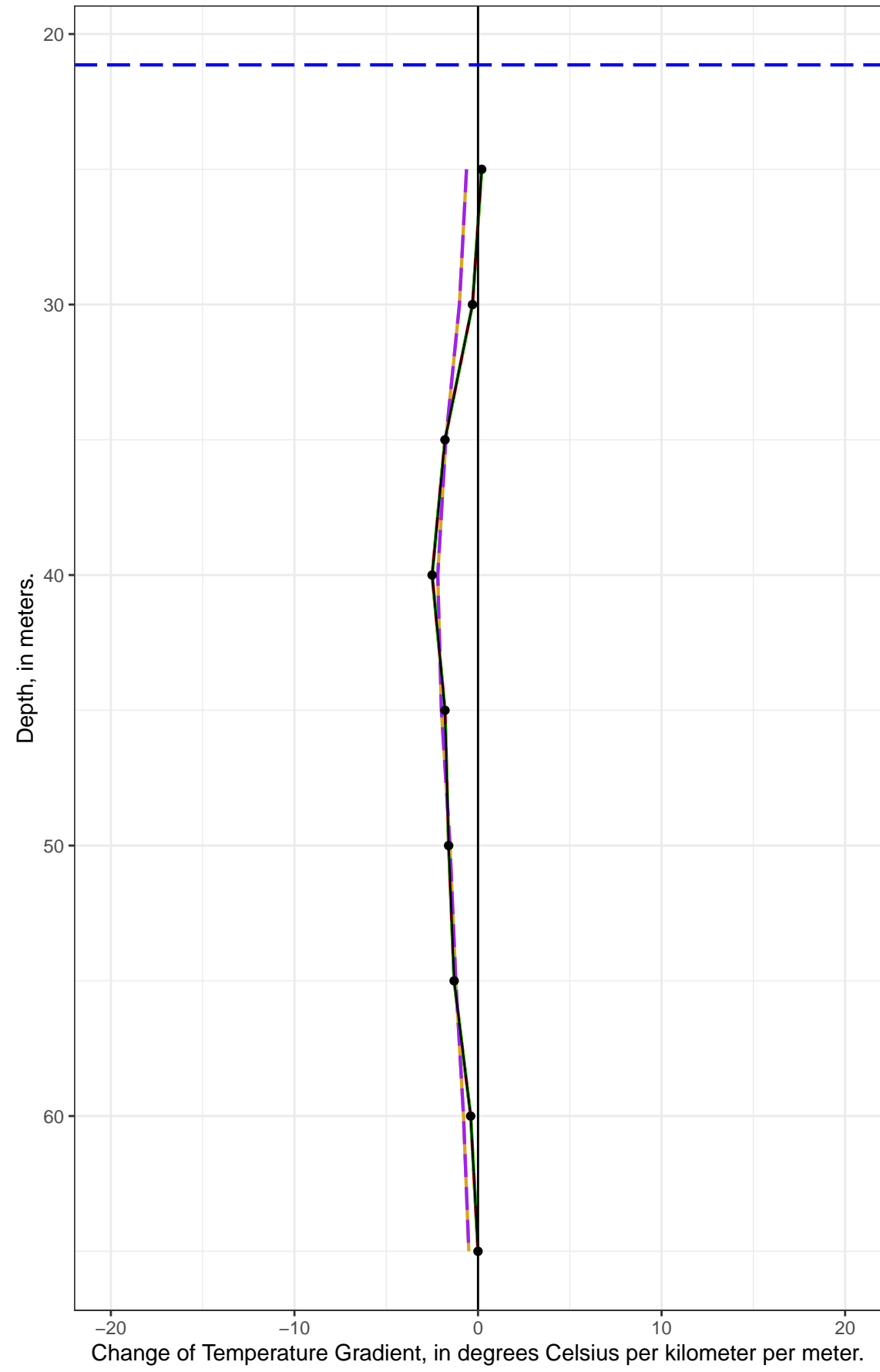
ID: 244 [ST-12] Smoothed Profile



ID: 244 [ST-12] First Derivative



ID: 244 [ST-12] Second Derivative

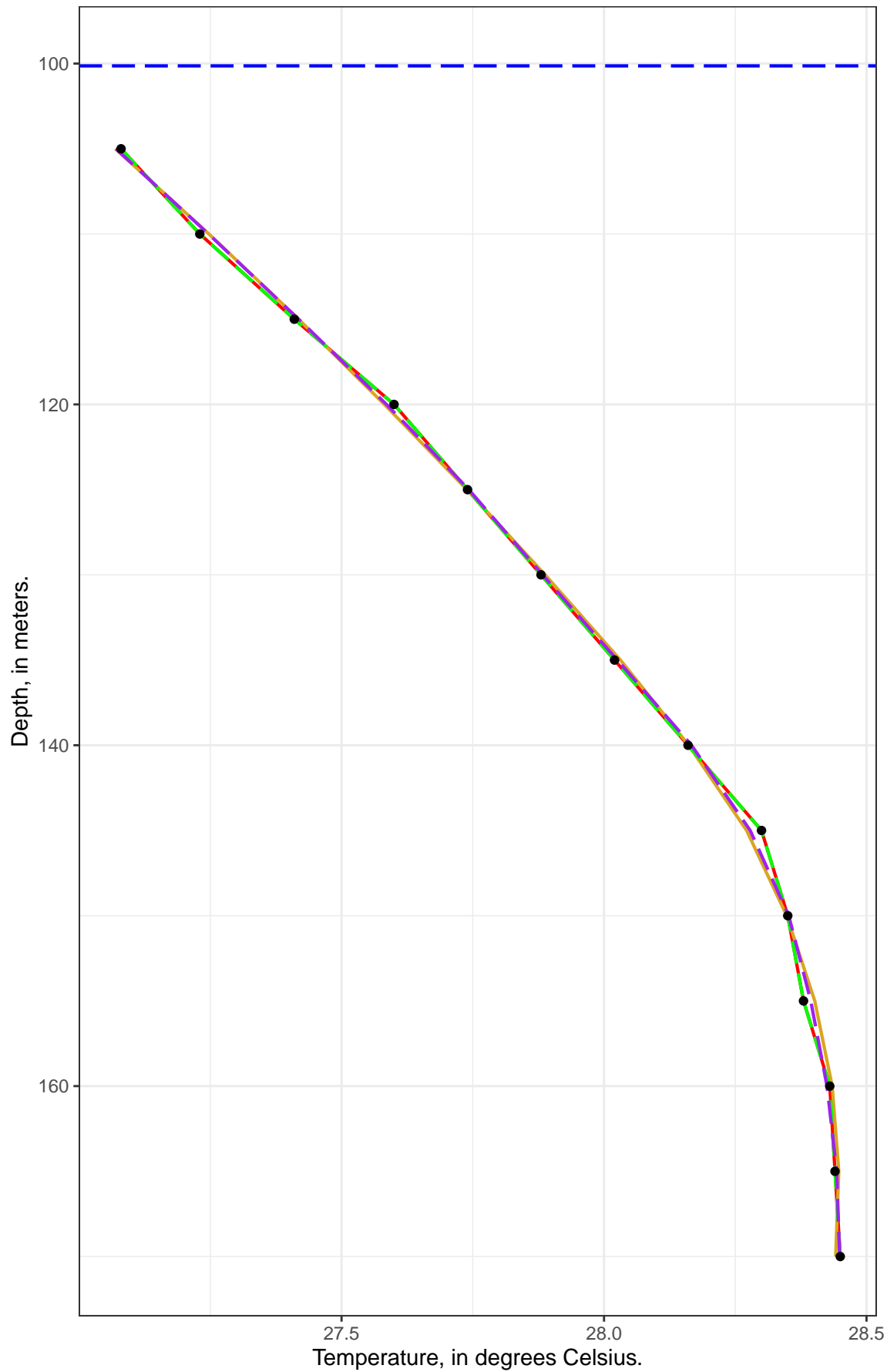


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

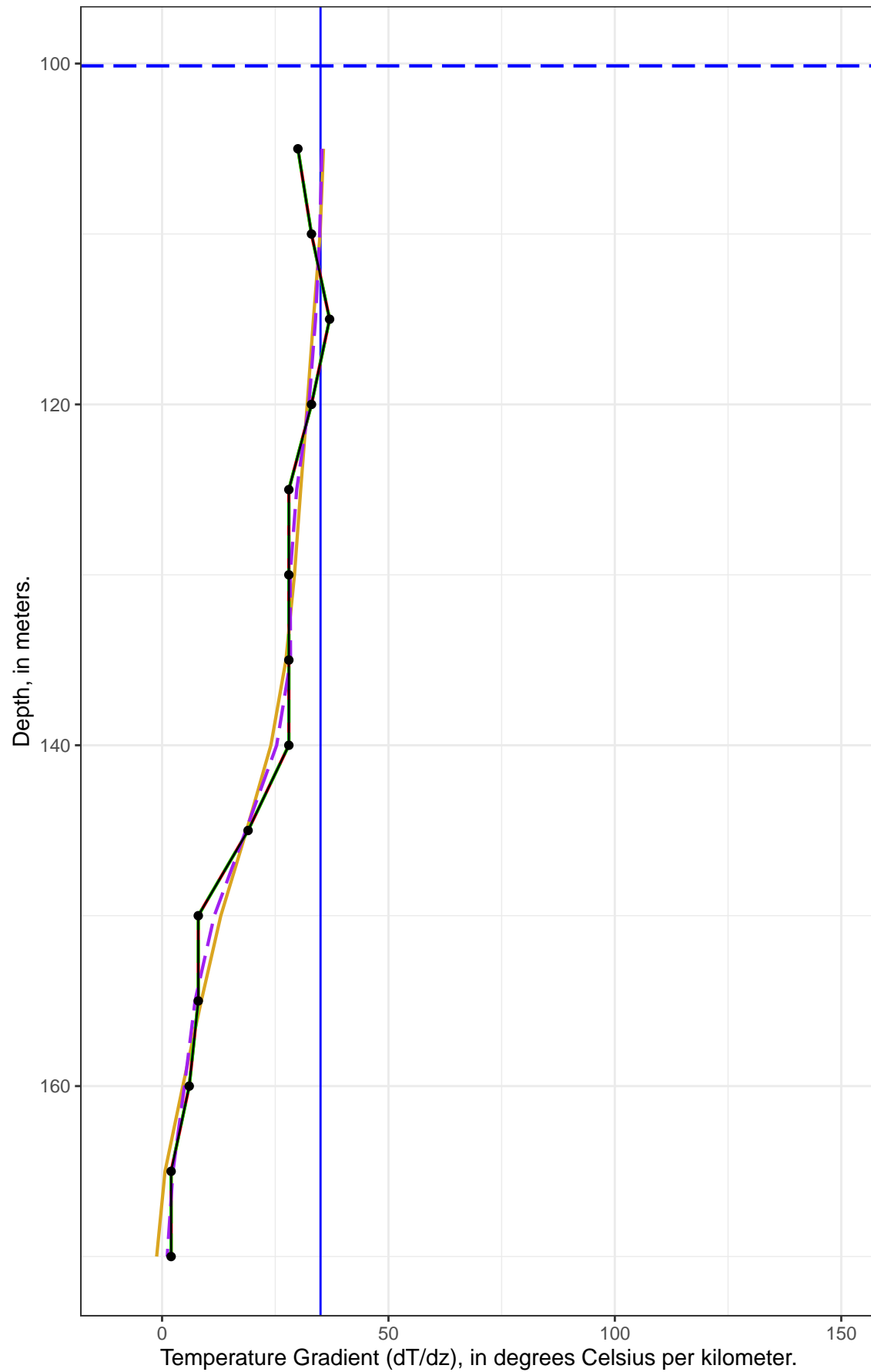
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

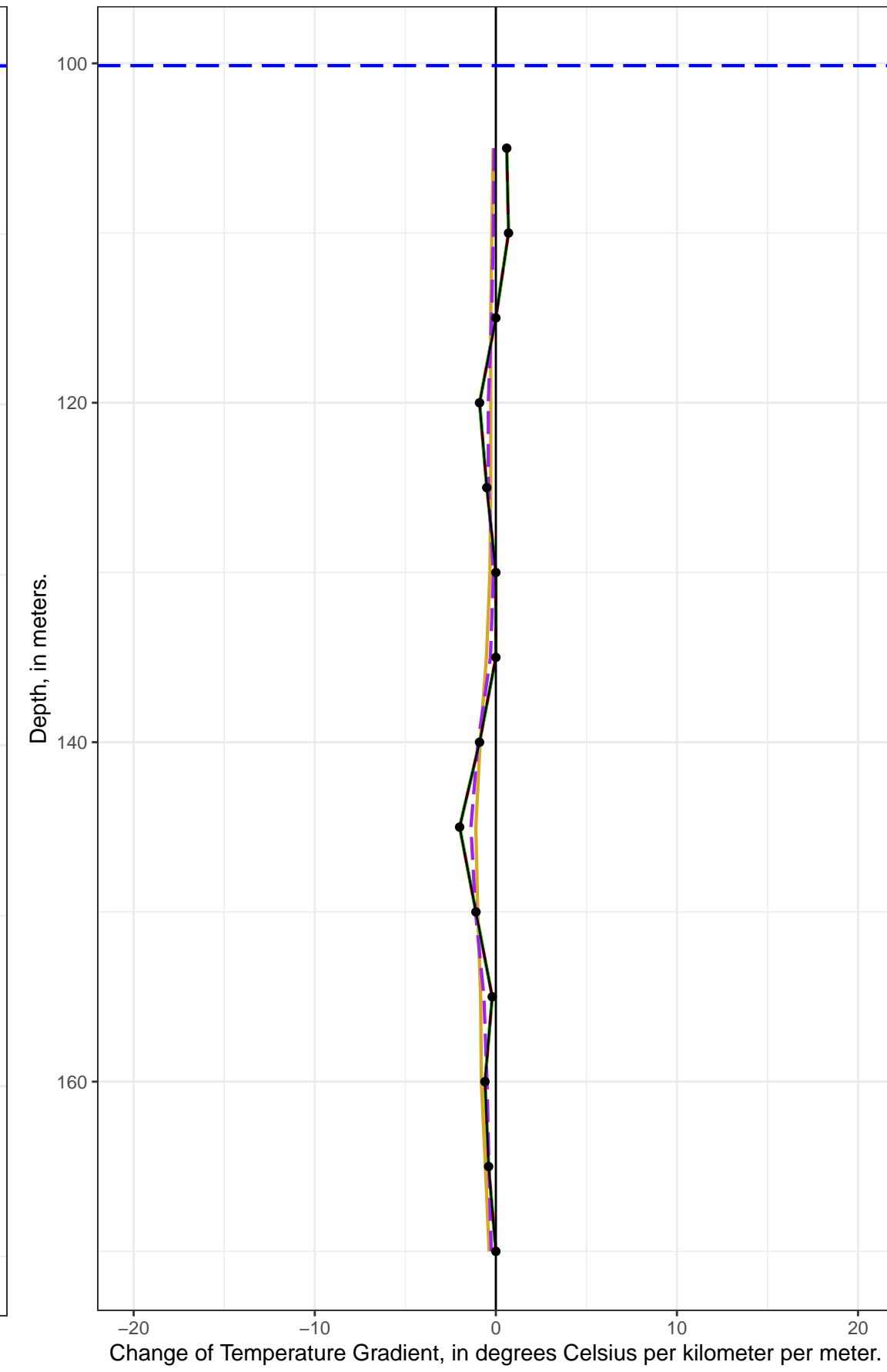
ID: 245 [ST-14] Smoothed Profile



ID: 245 [ST-14] First Derivative



ID: 245 [ST-14] Second Derivative

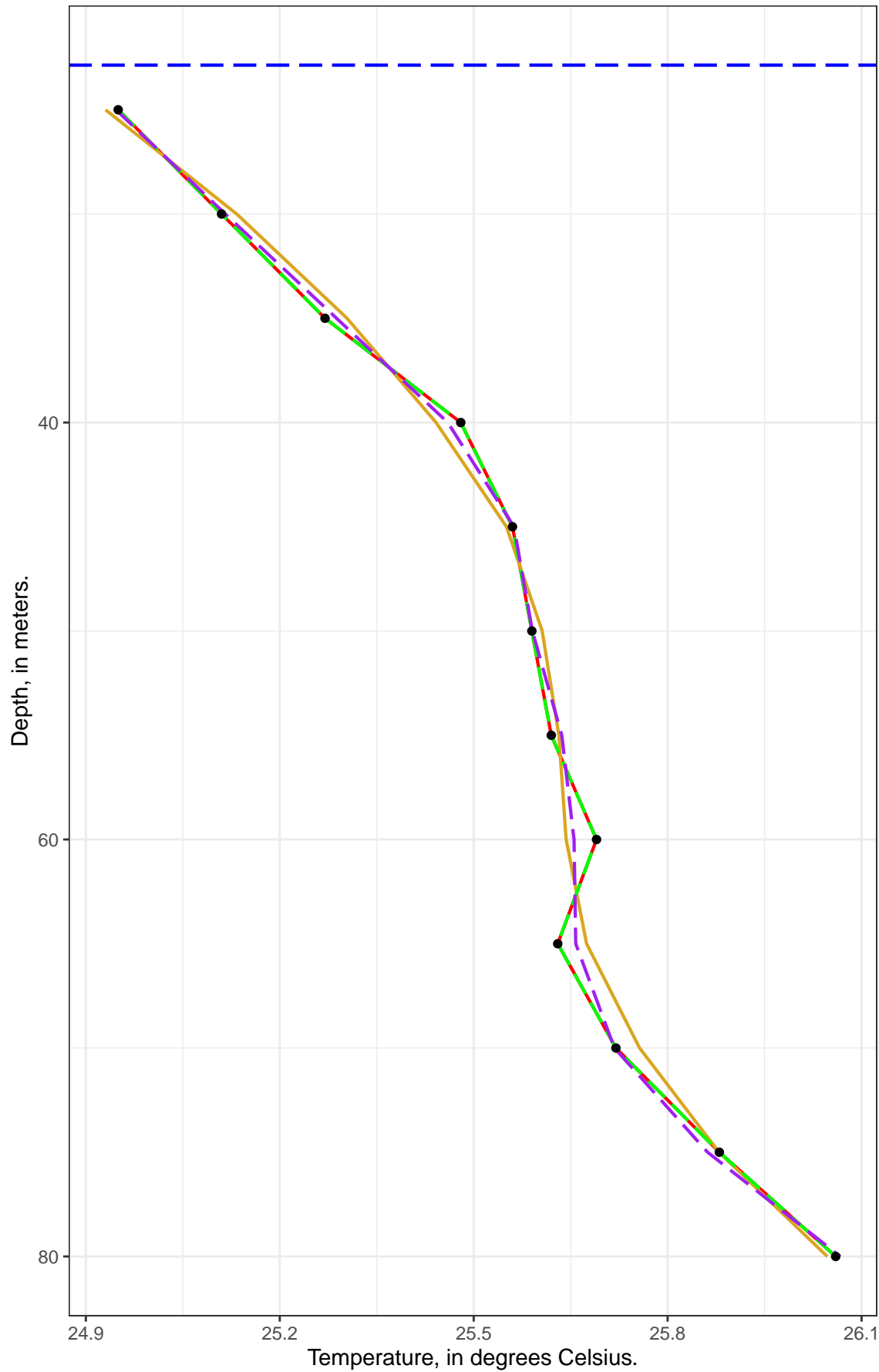


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

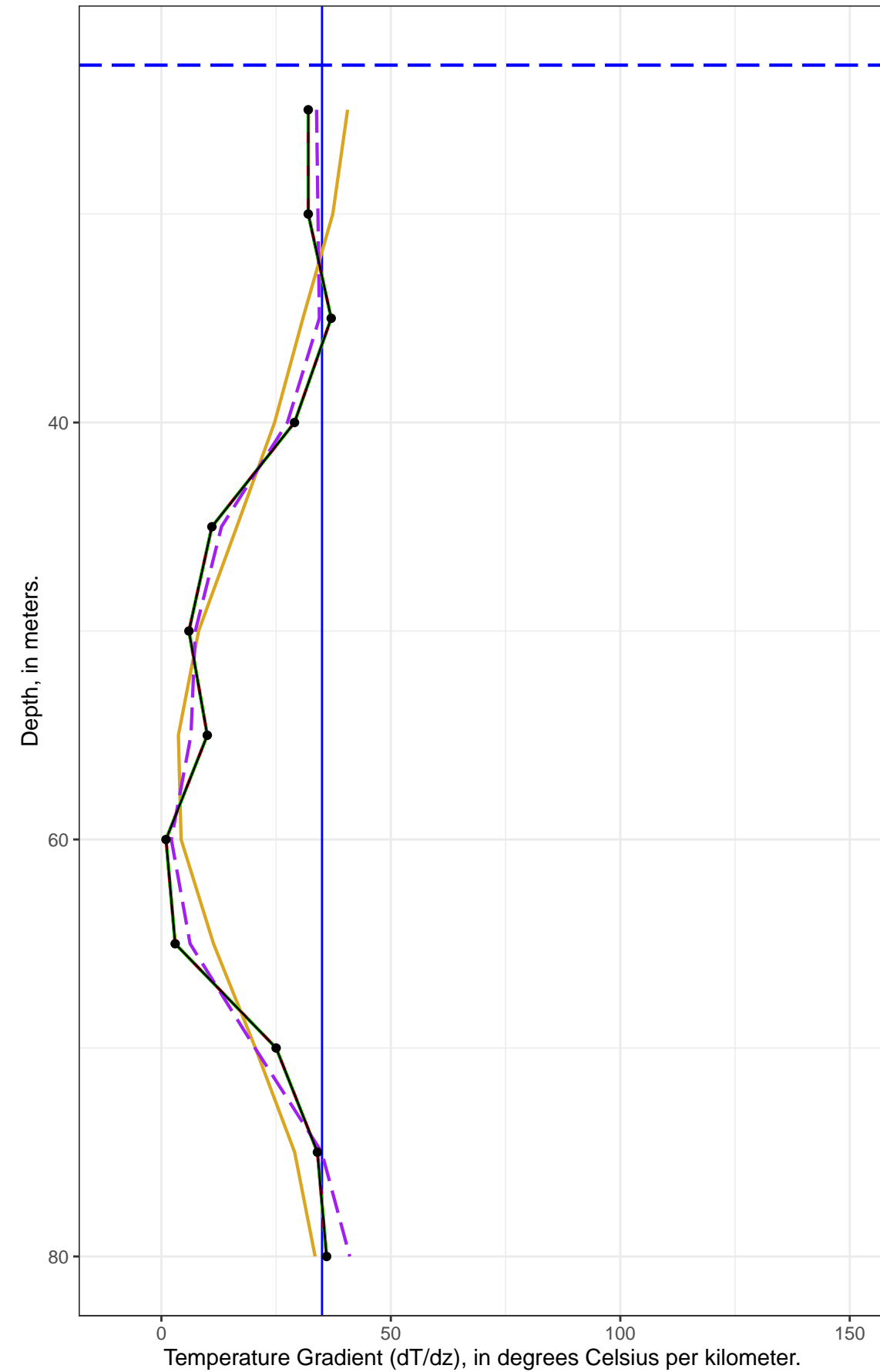
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 246 [ST-15] Smoothed Profile



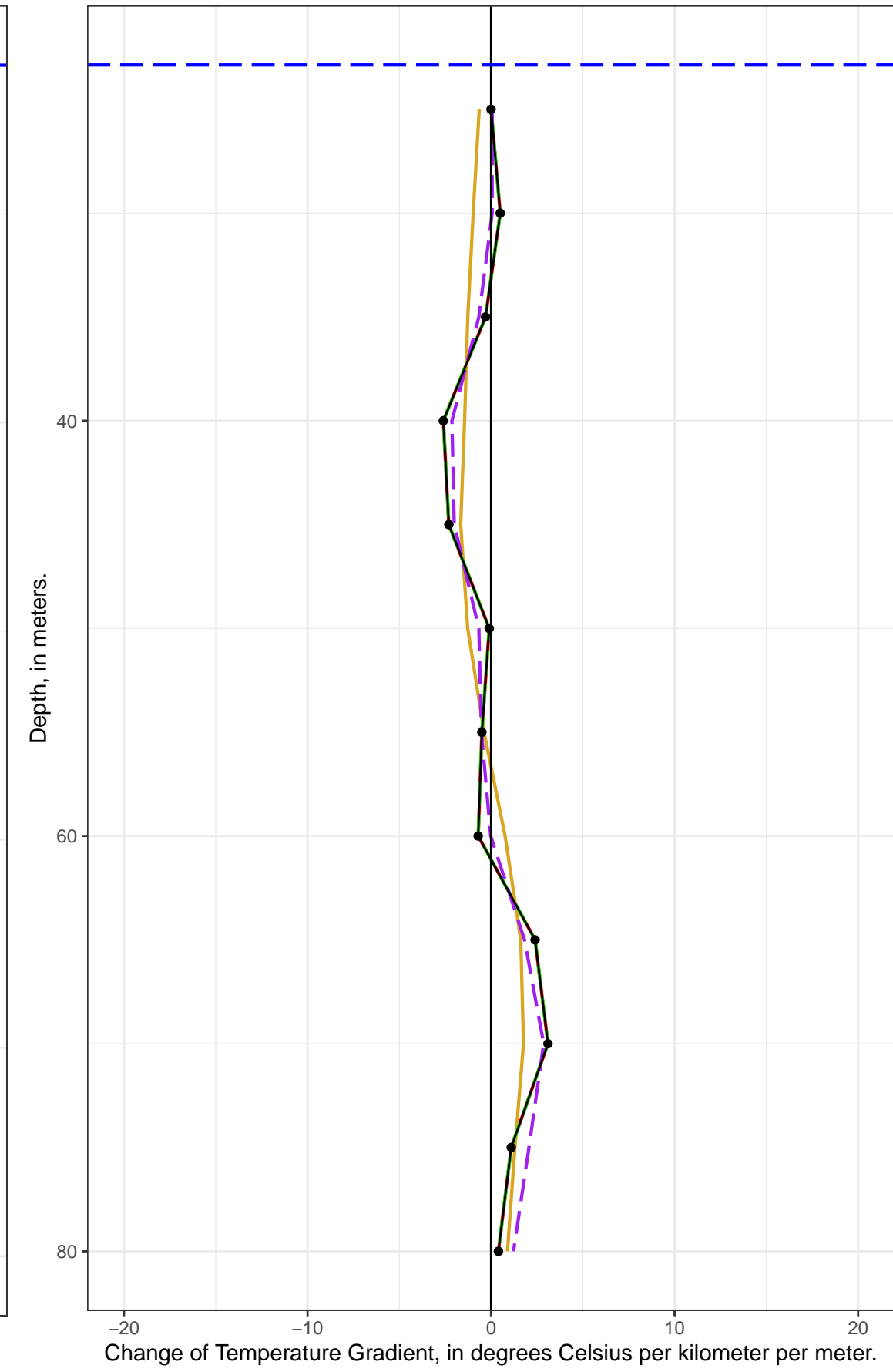
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

ID: 246 [ST-15] First Derivative



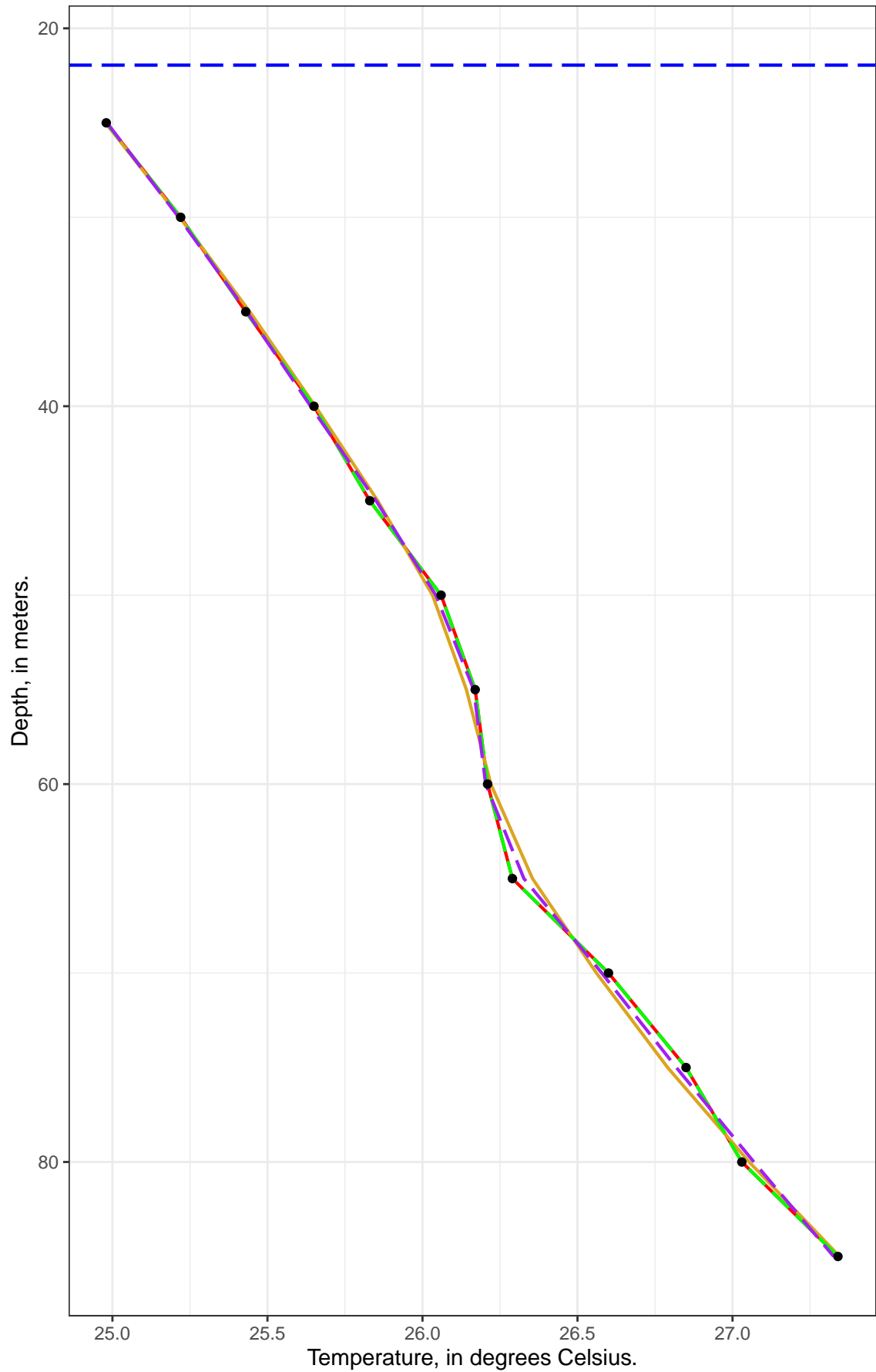
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

ID: 246 [ST-15] Second Derivative



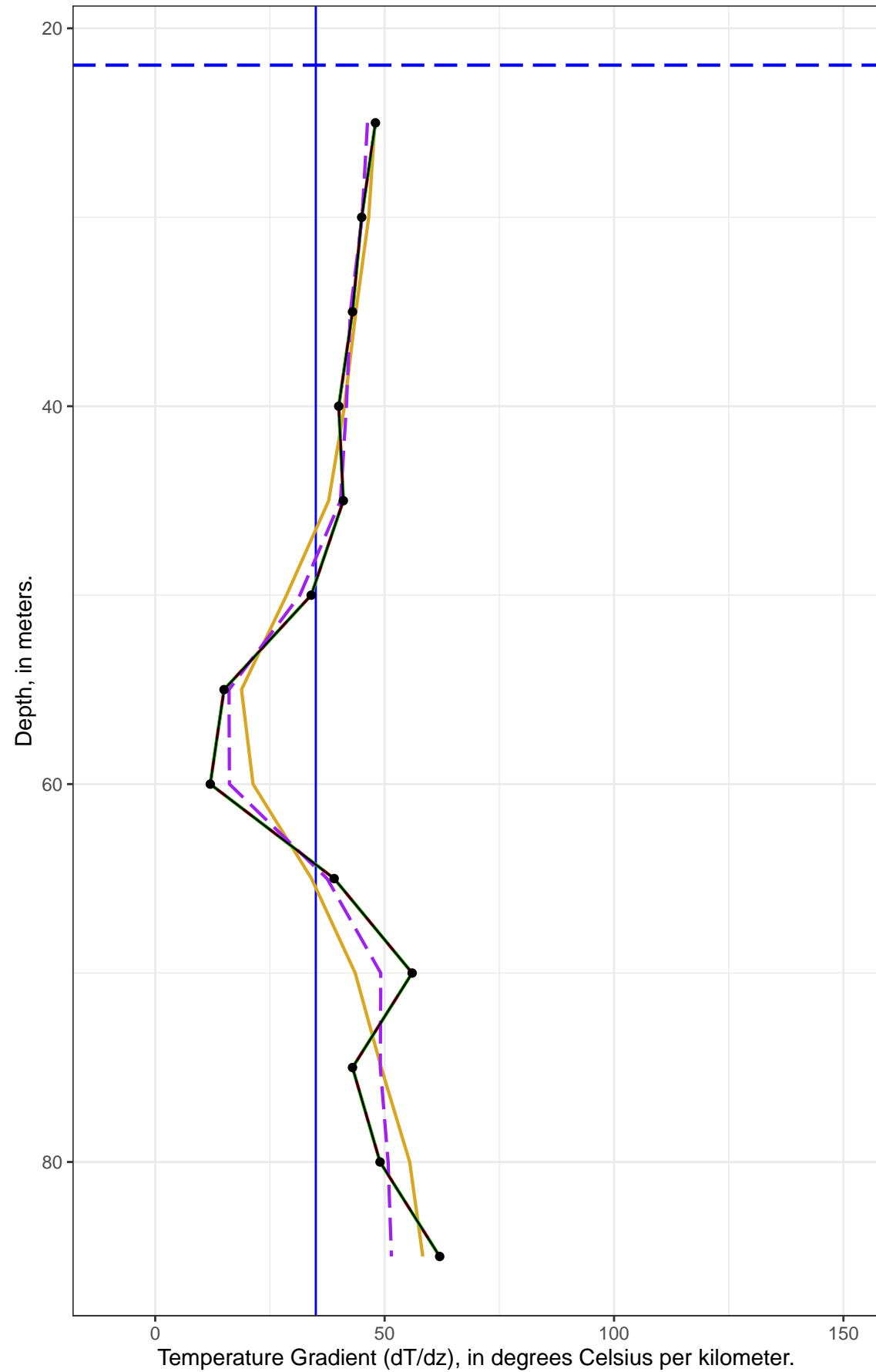
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

ID: 247 [ST-21] Smoothed Profile



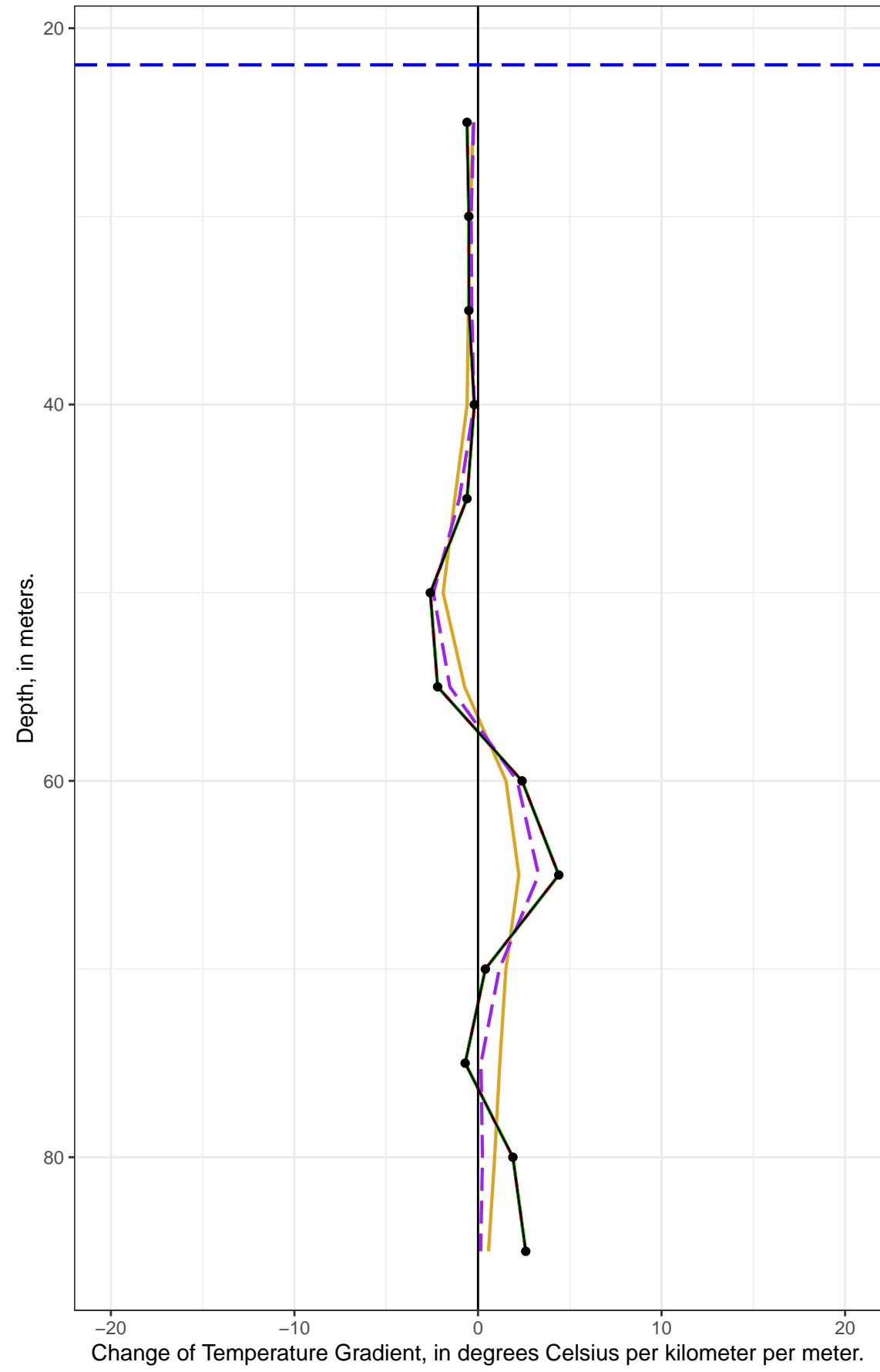
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

ID: 247 [ST-21] First Derivative



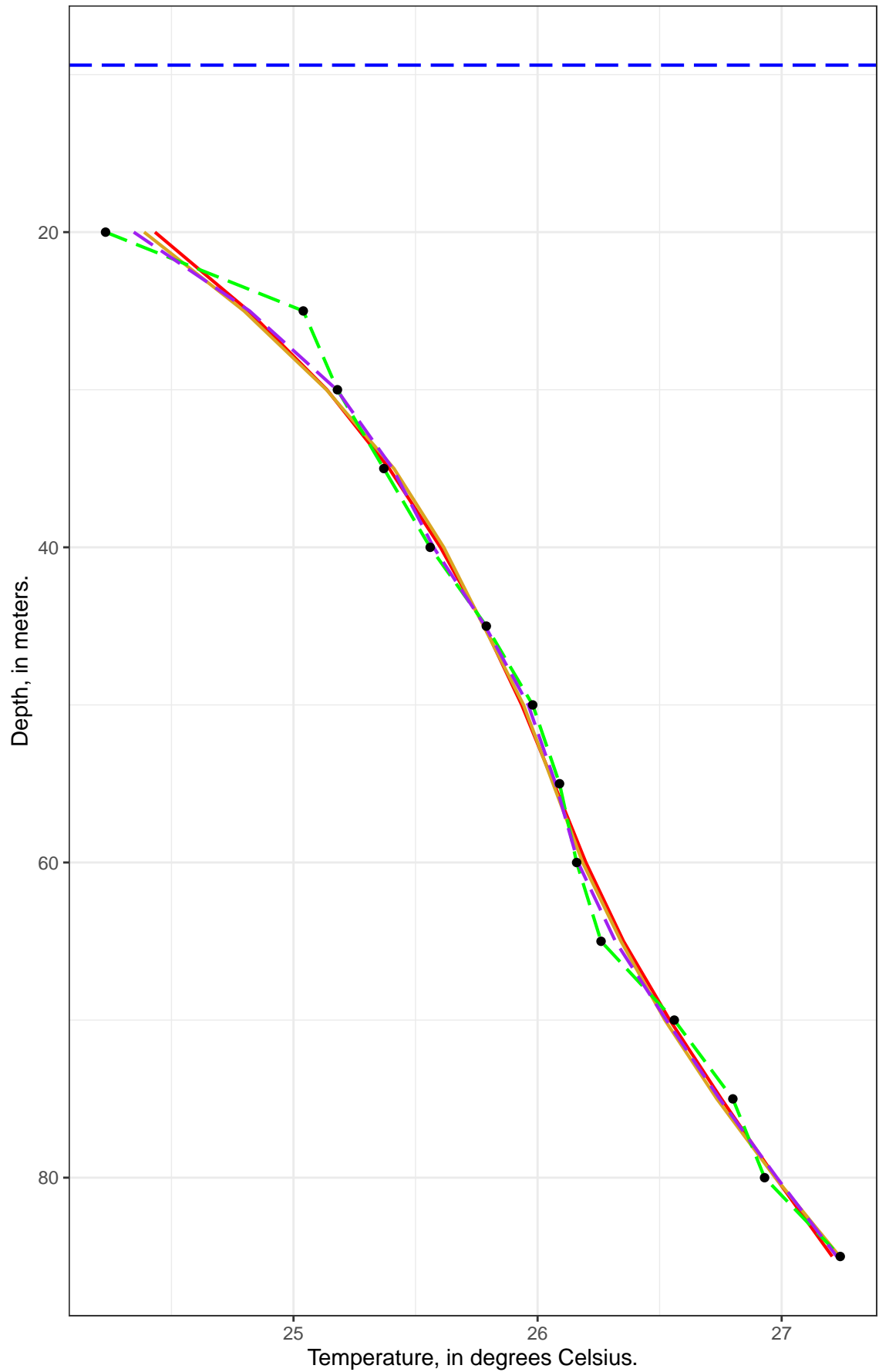
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

ID: 247 [ST-21] Second Derivative

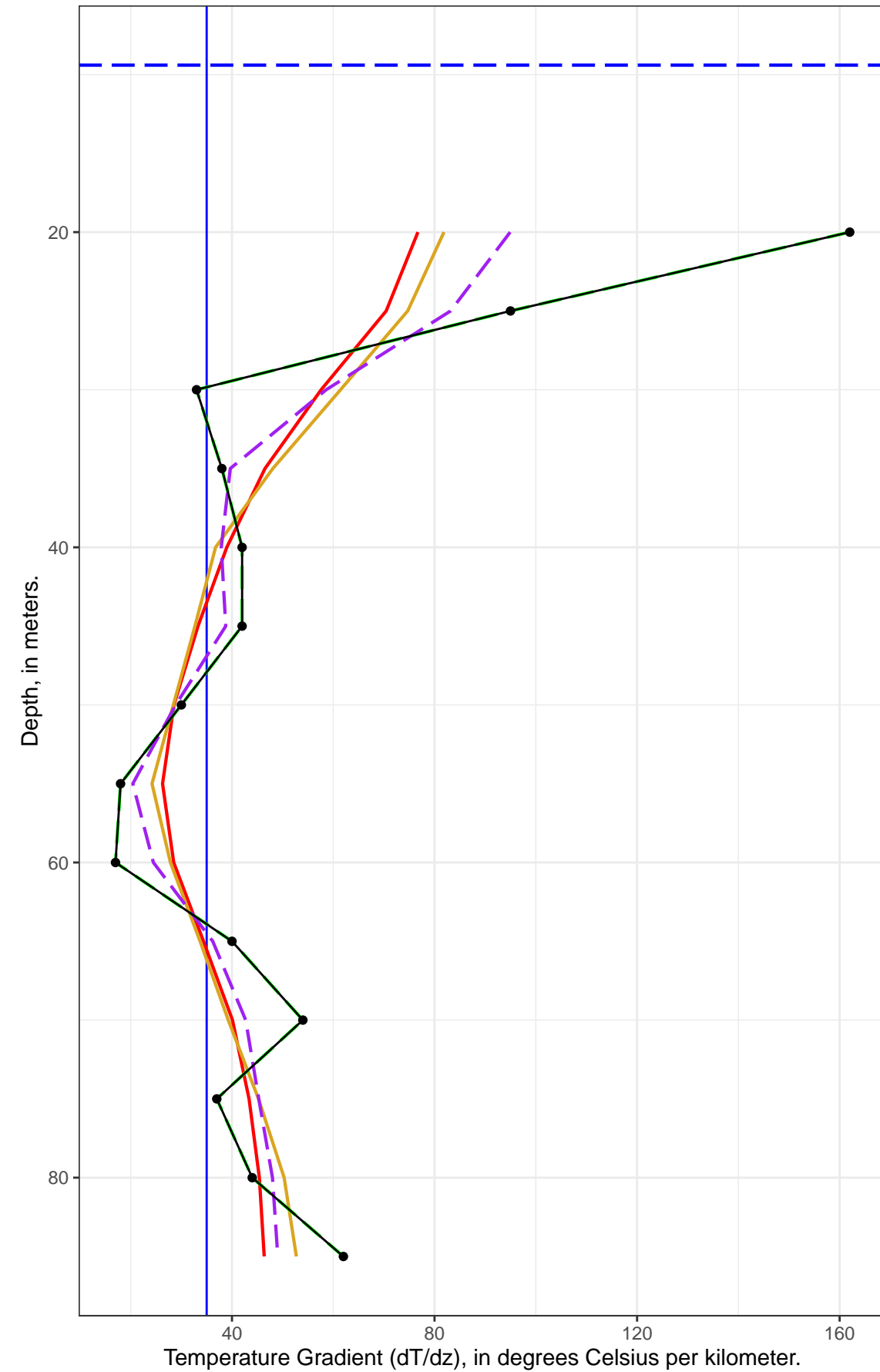


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

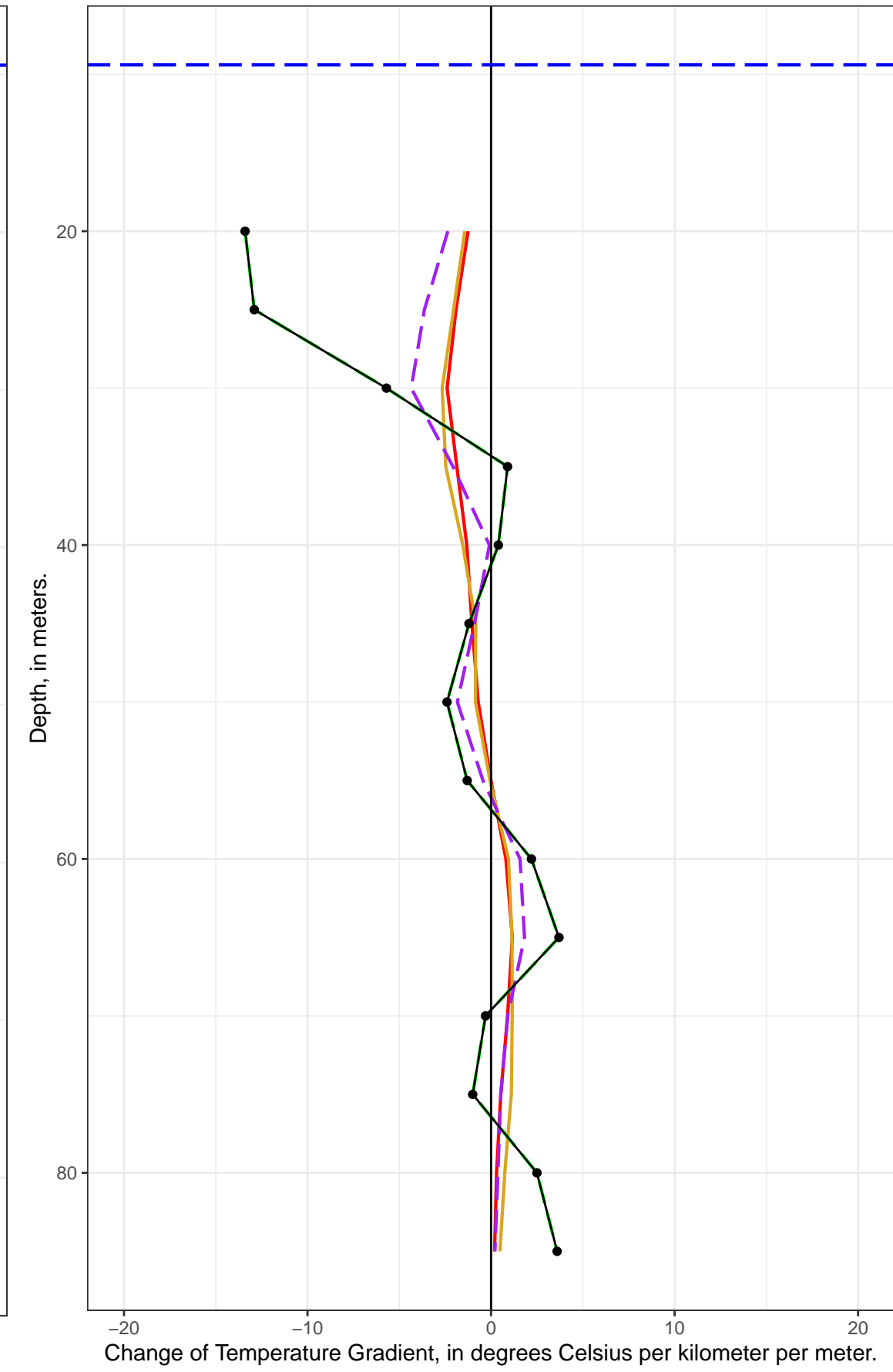
ID: 248 [ST-23] Smoothed Profile



ID: 248 [ST-23] First Derivative



ID: 248 [ST-23] Second Derivative

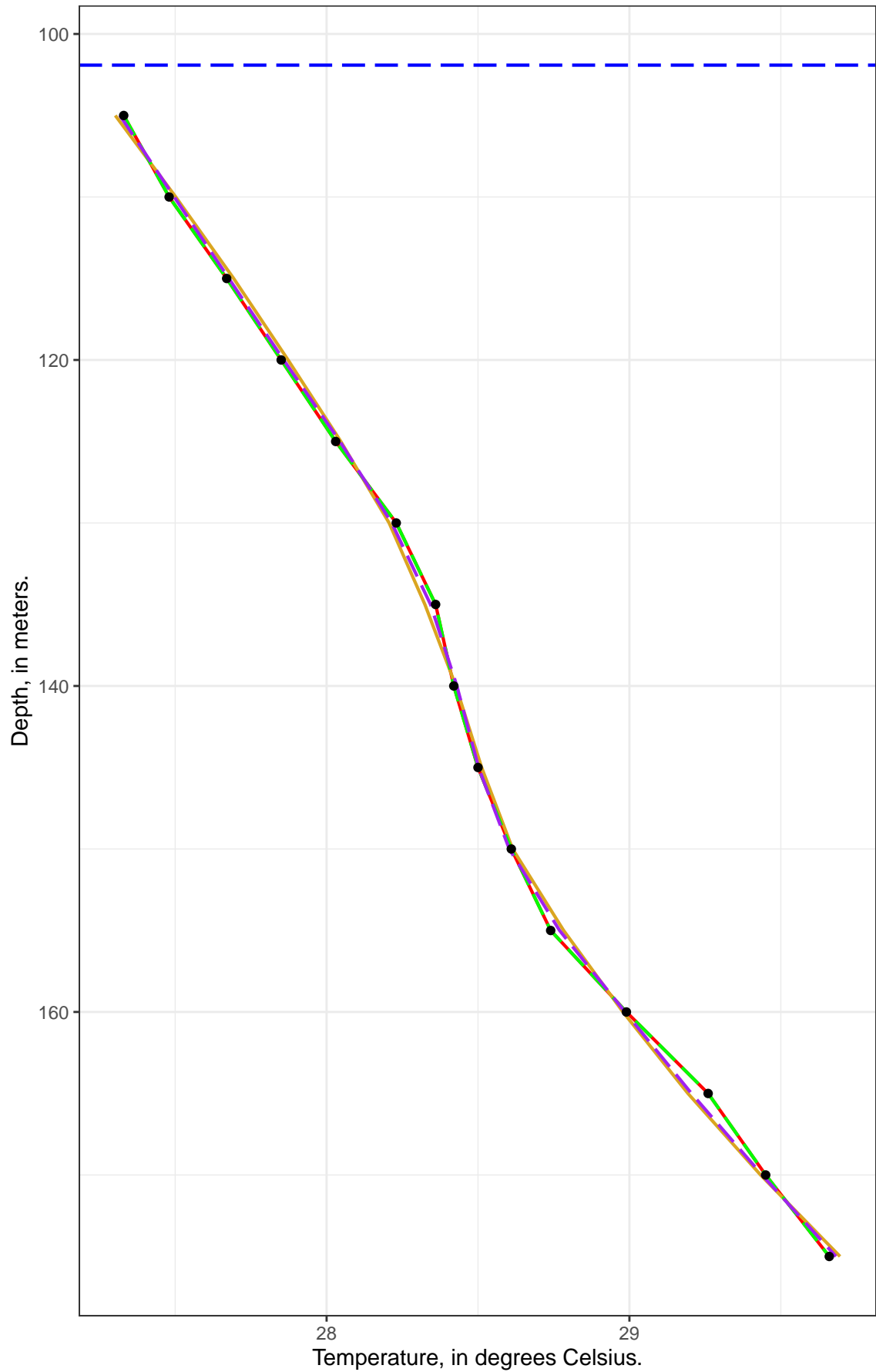


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

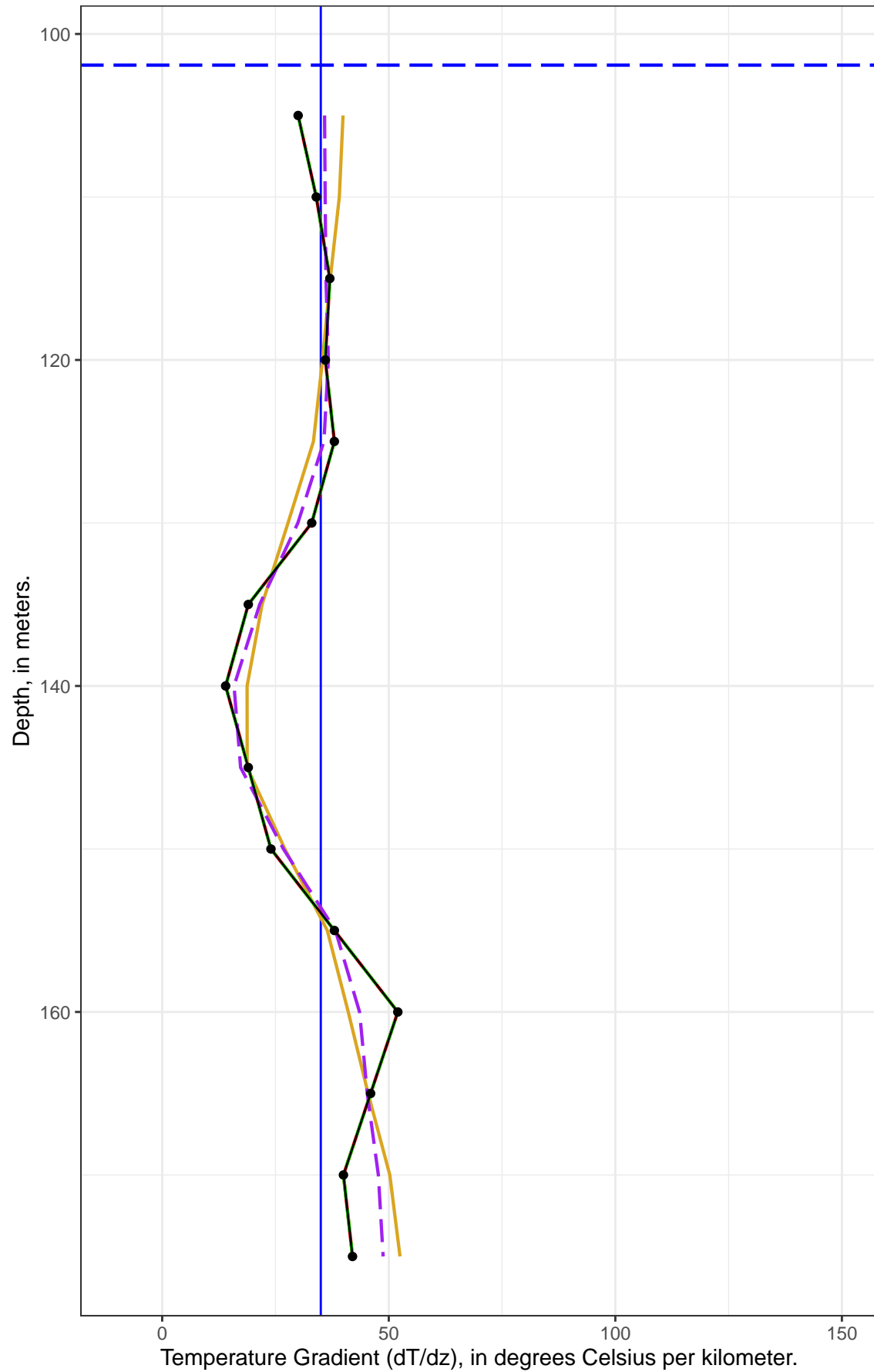
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

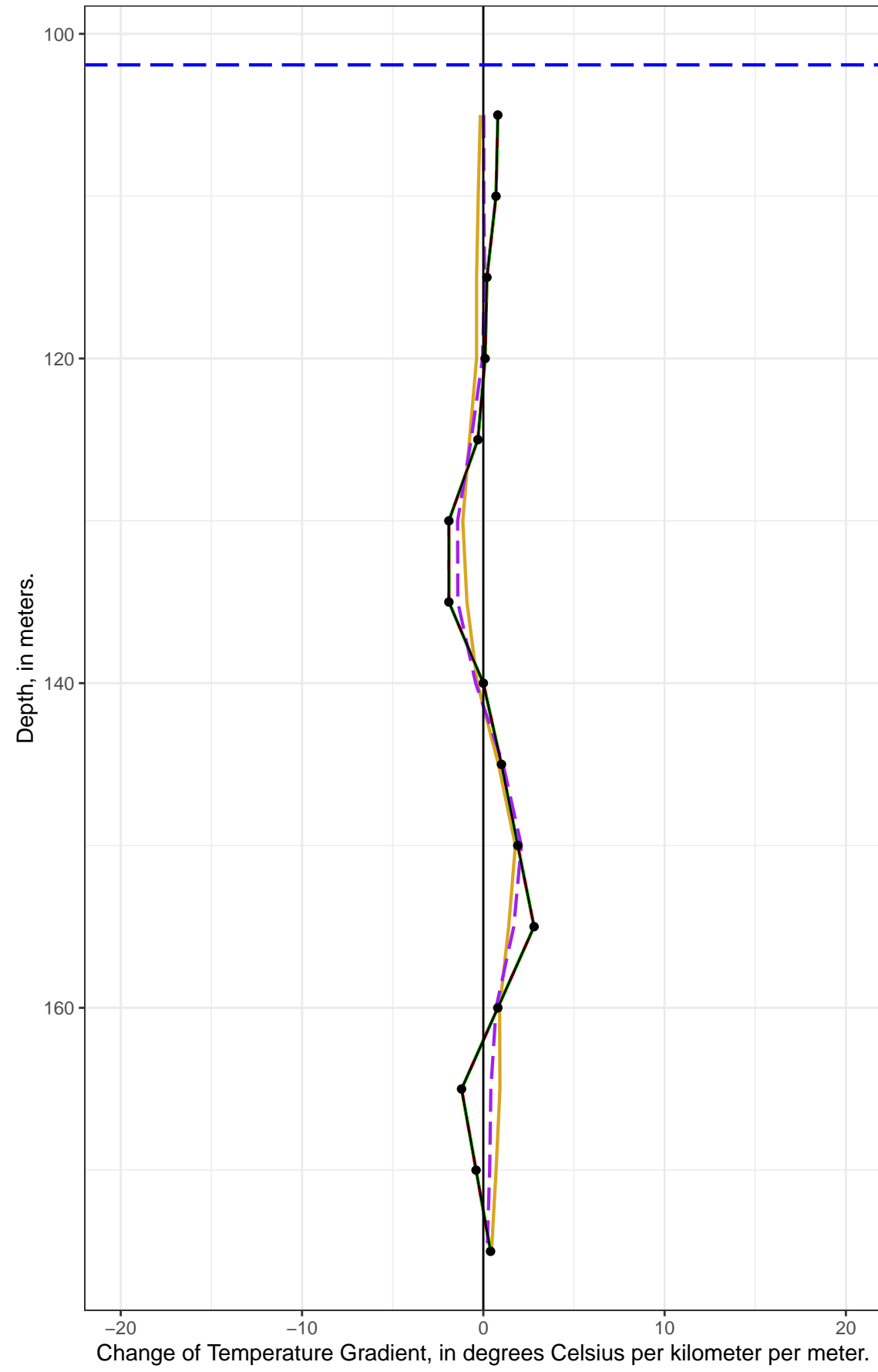
ID: 249 [ST-25] Smoothed Profile



ID: 249 [ST-25] First Derivative



ID: 249 [ST-25] Second Derivative

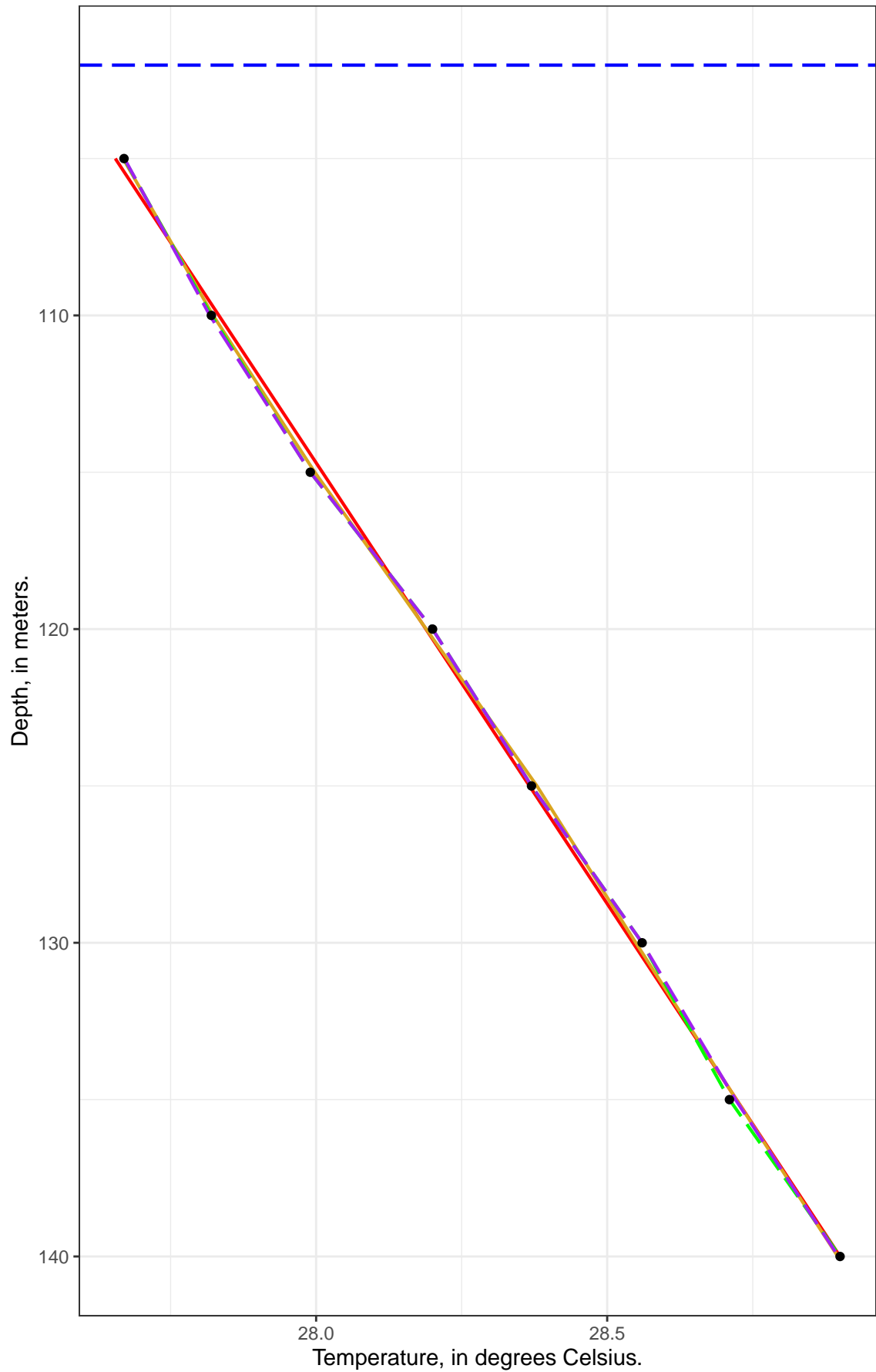


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

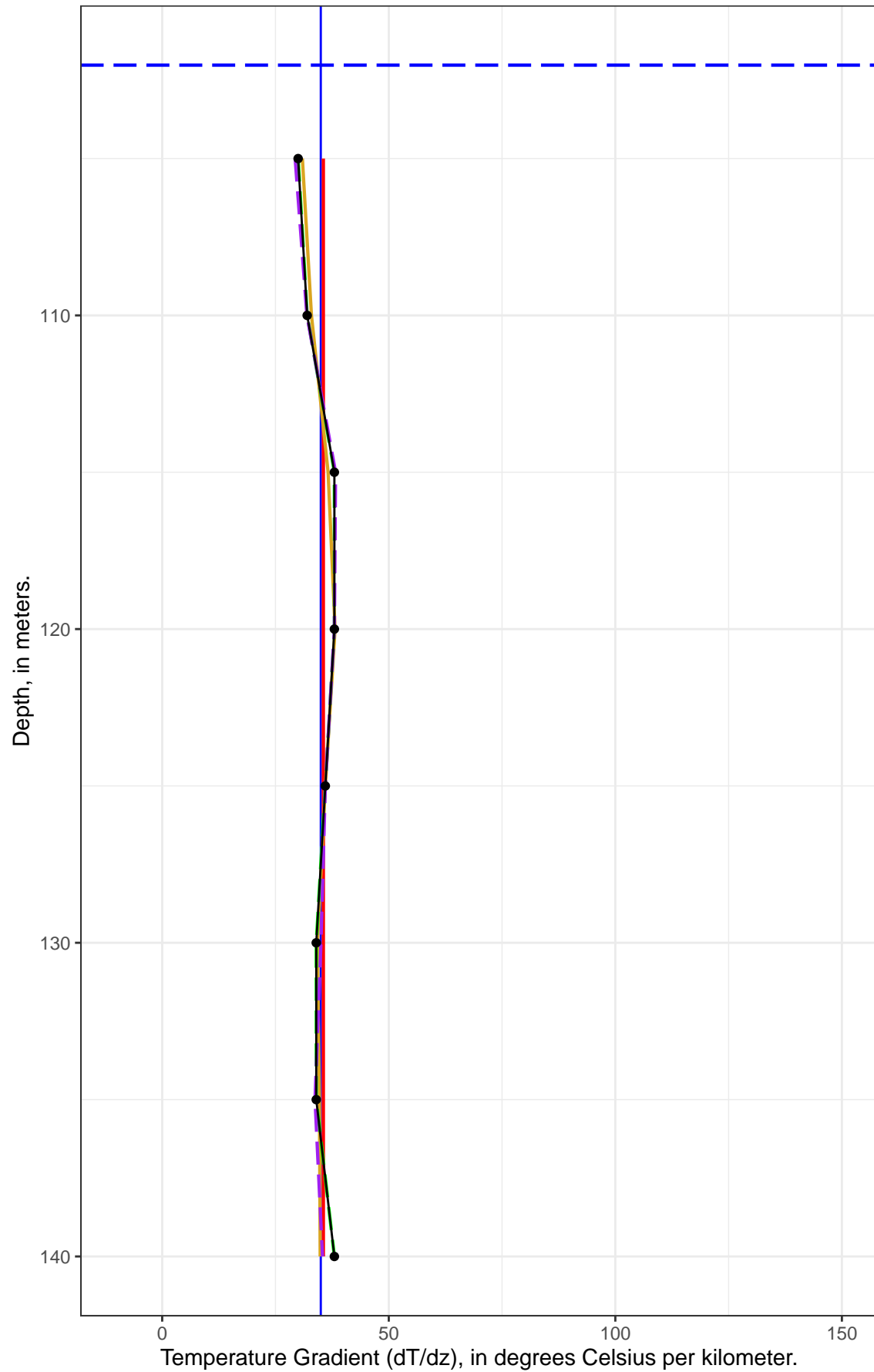
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

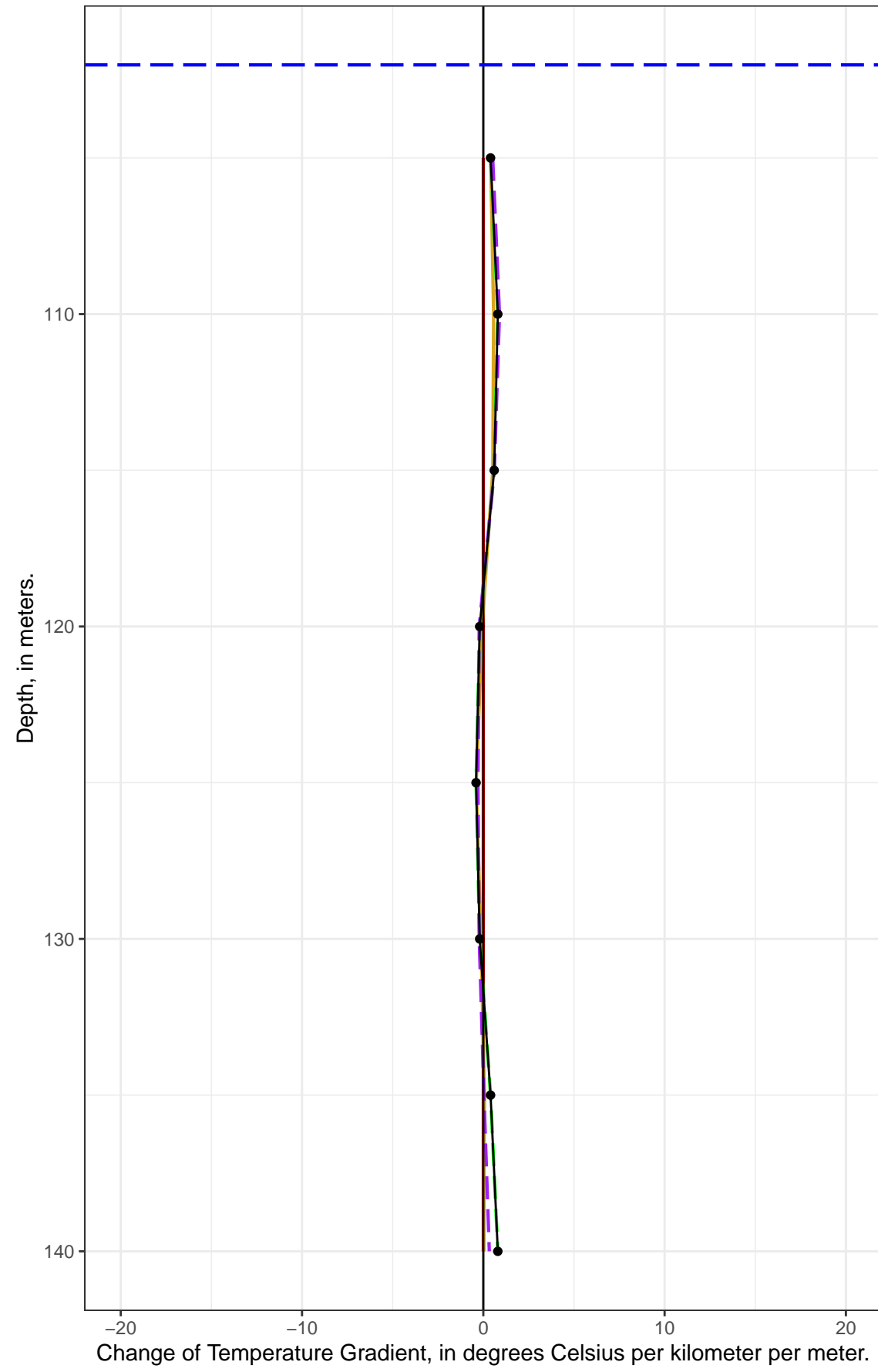
ID: 250 [ST-26] Smoothed Profile



ID: 250 [ST-26] First Derivative



ID: 250 [ST-26] Second Derivative

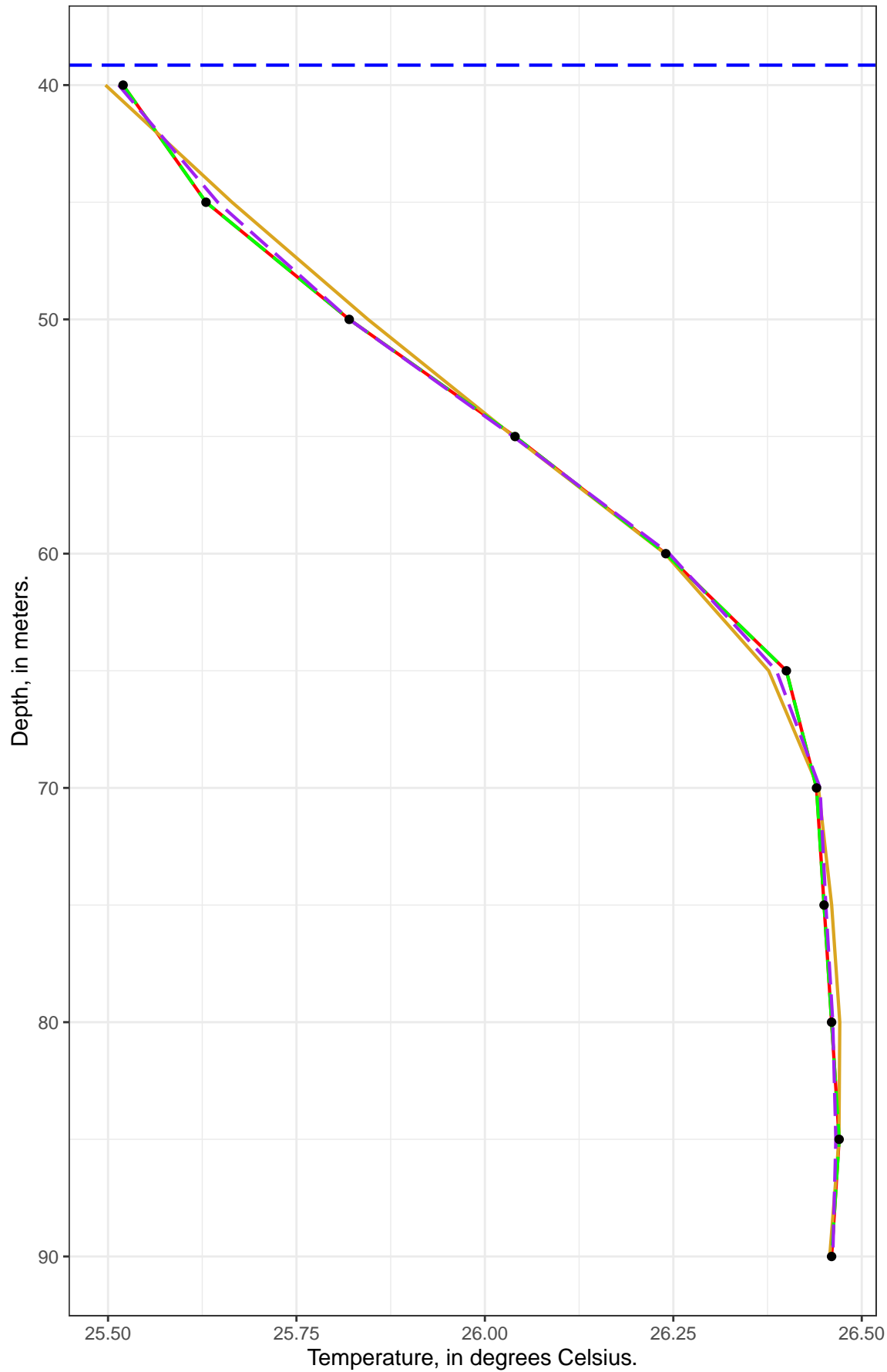


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

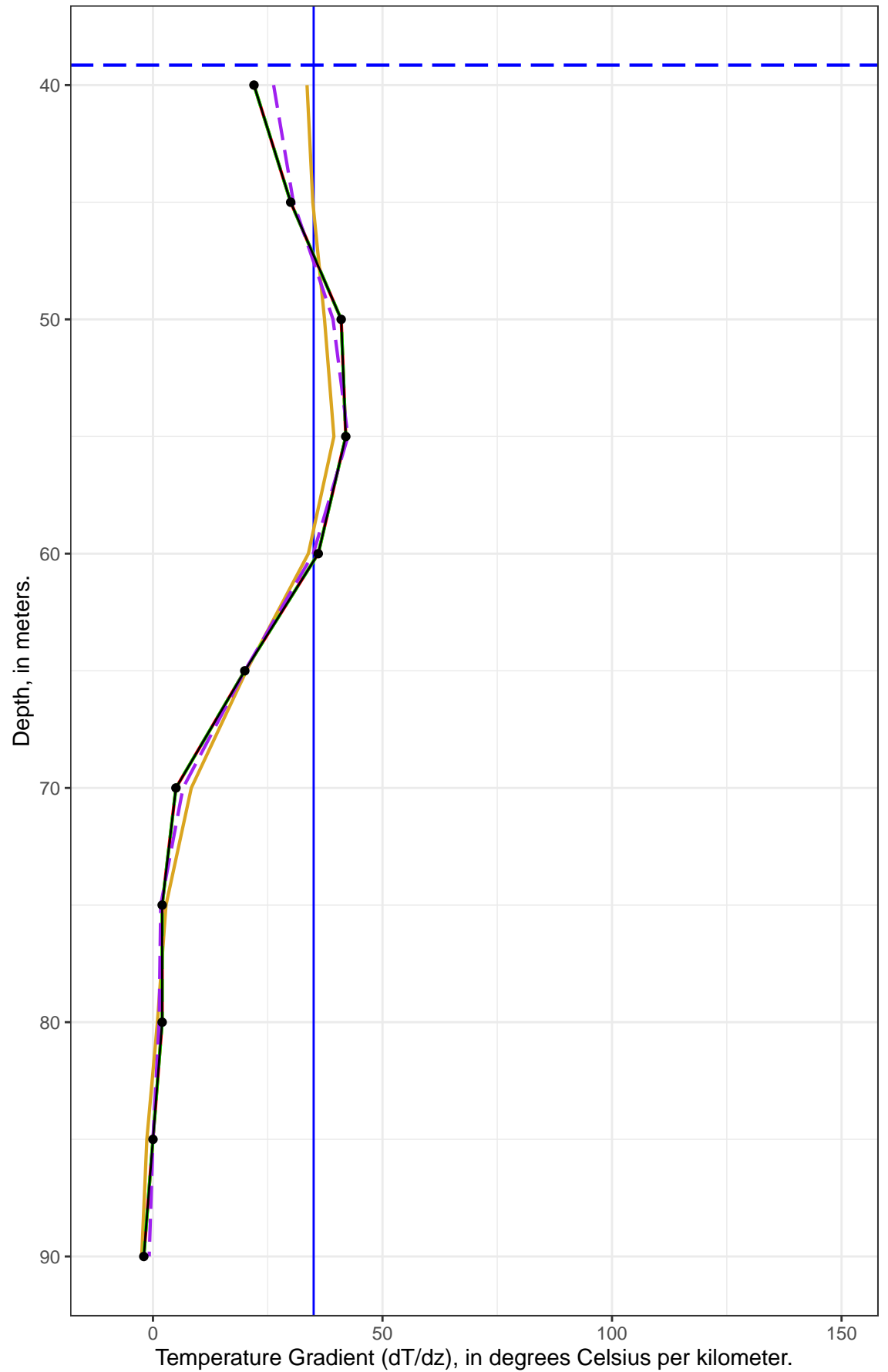
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

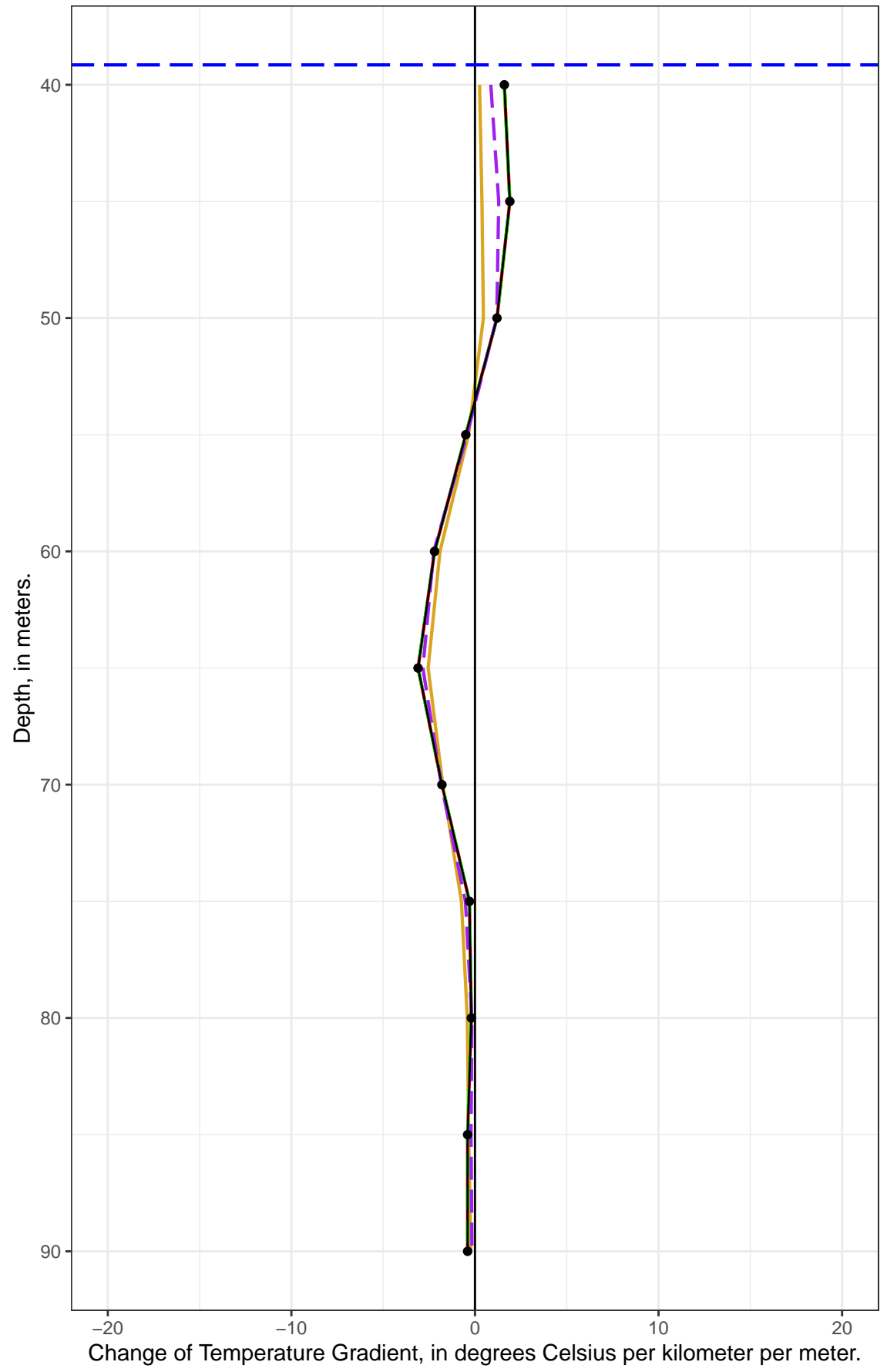
ID: 252 [ST-28] Smoothed Profile



ID: 252 [ST-28] First Derivative



ID: 252 [ST-28] Second Derivative

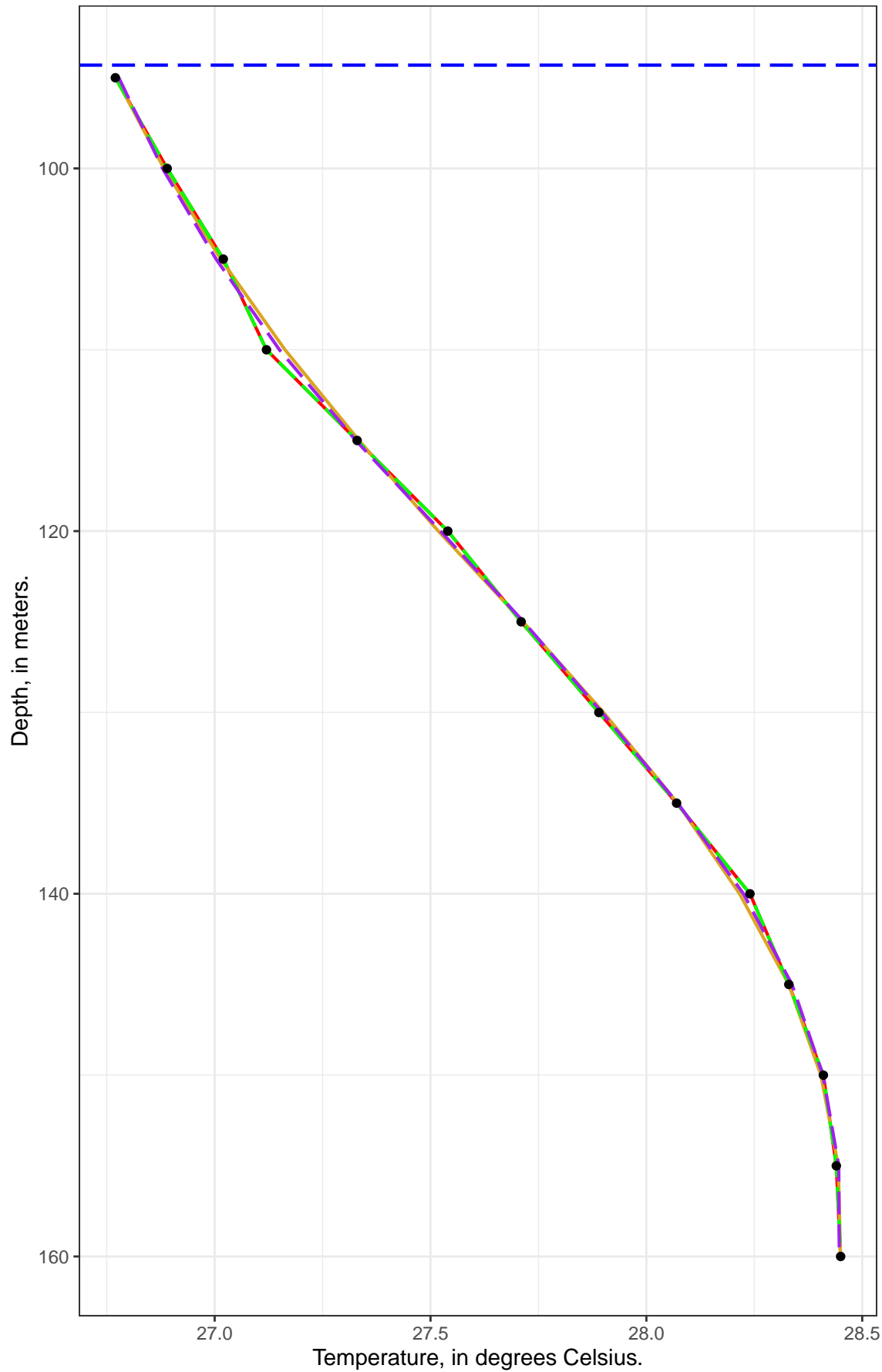


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

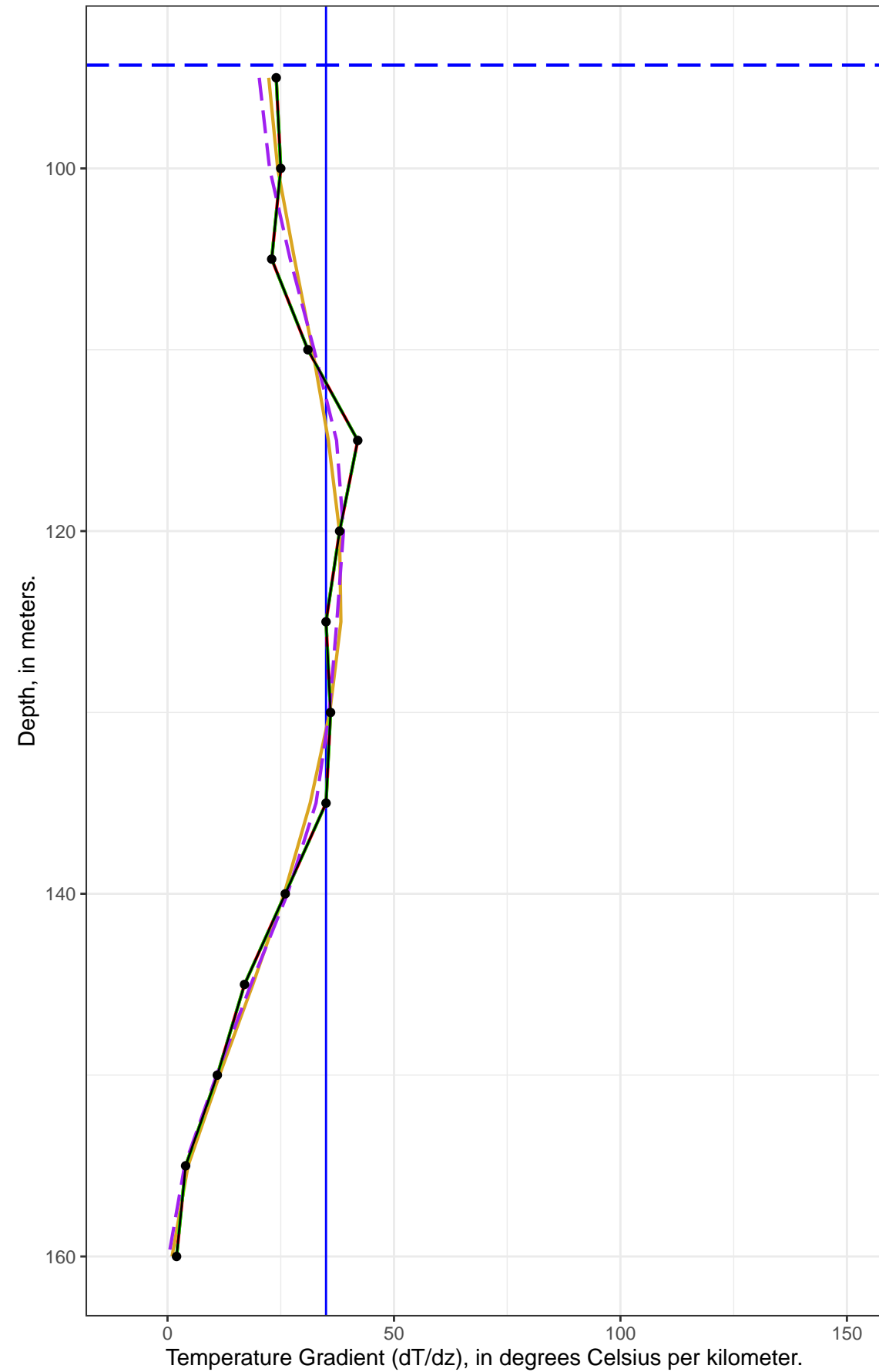
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

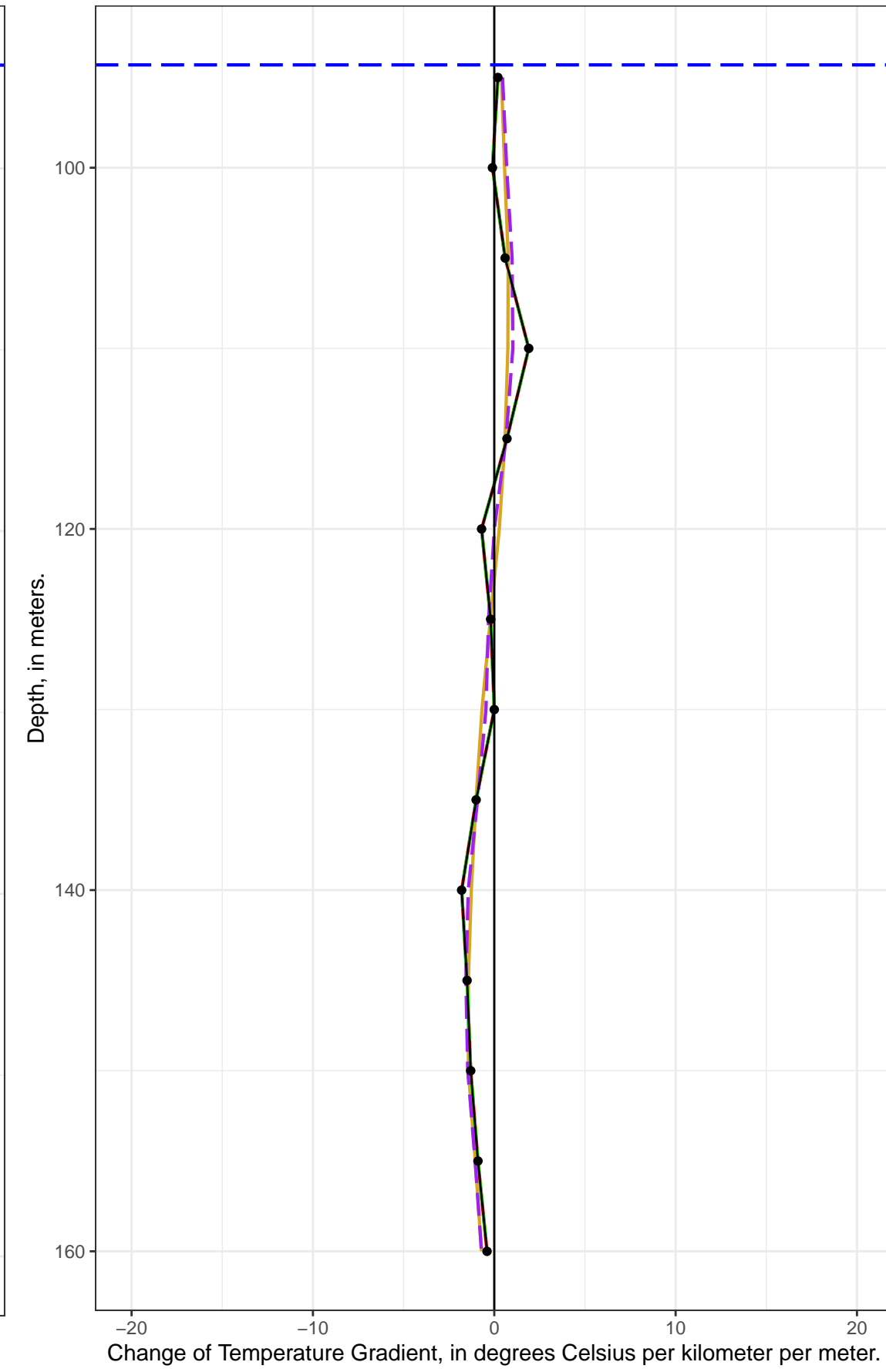
ID: 253 [ST-29] Smoothed Profile



ID: 253 [ST-29] First Derivative



ID: 253 [ST-29] Second Derivative

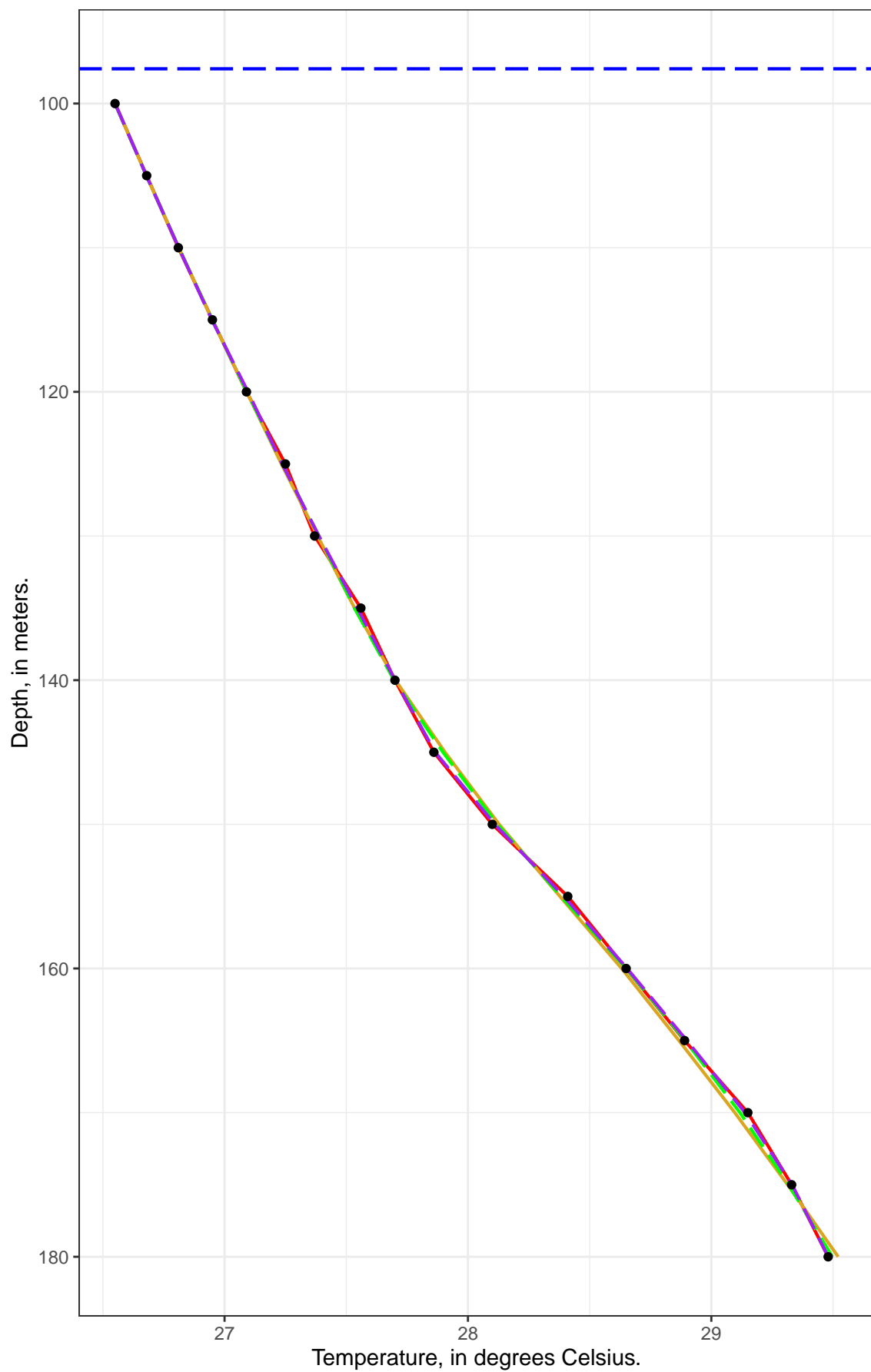


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

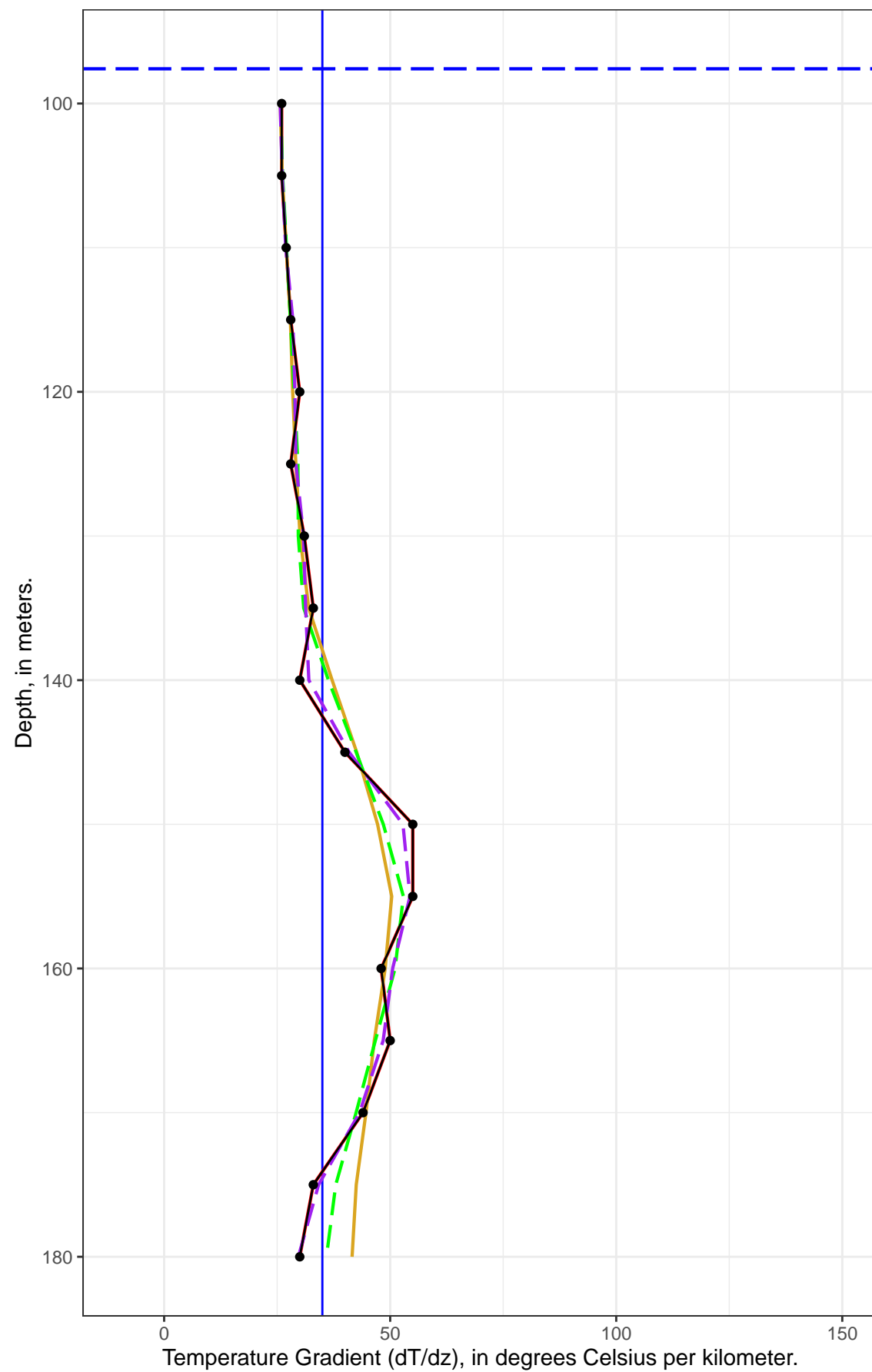
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

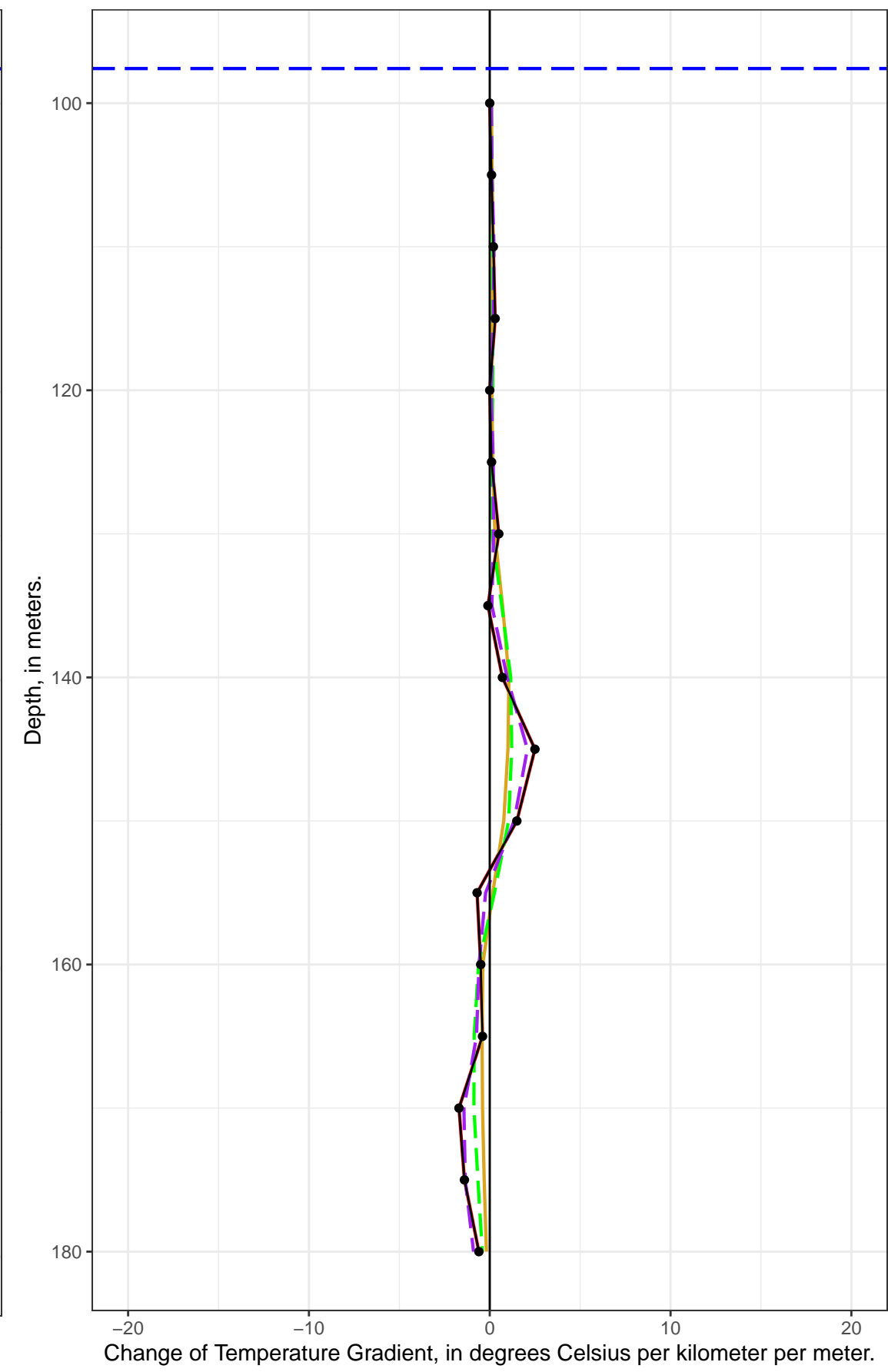
ID: 254 [ST-3] Smoothed Profile



ID: 254 [ST-3] First Derivative



ID: 254 [ST-3] Second Derivative

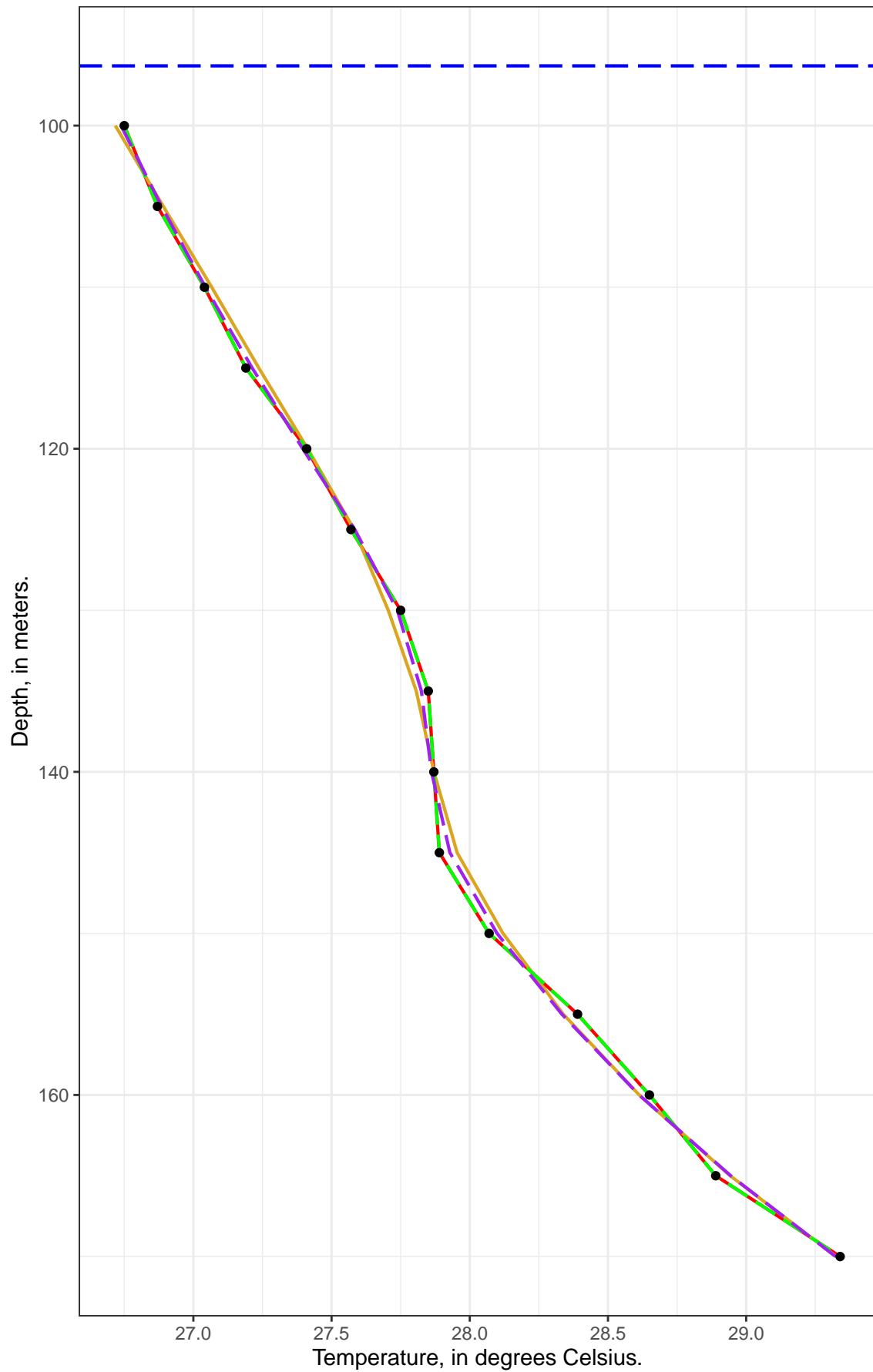


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

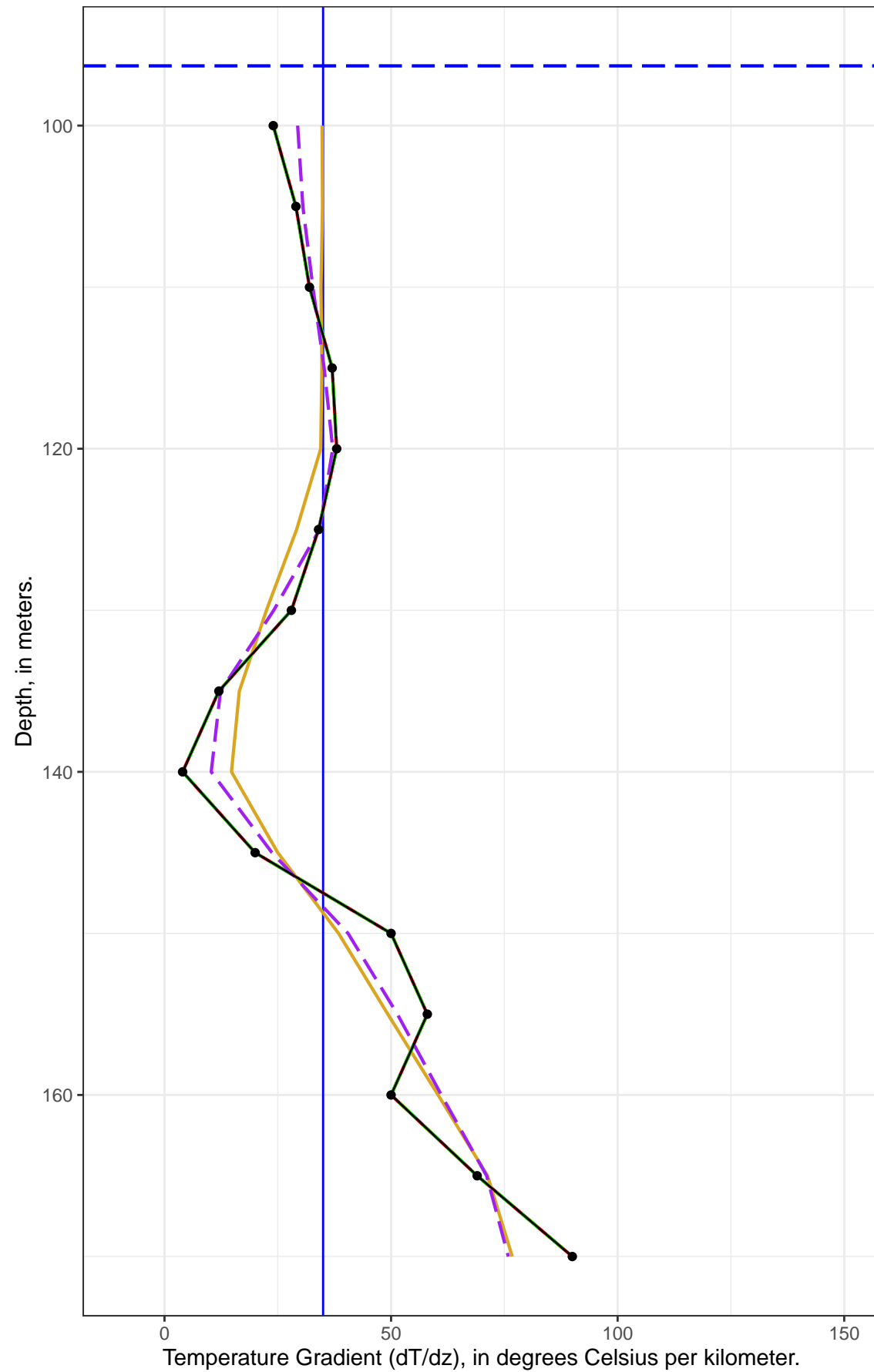
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

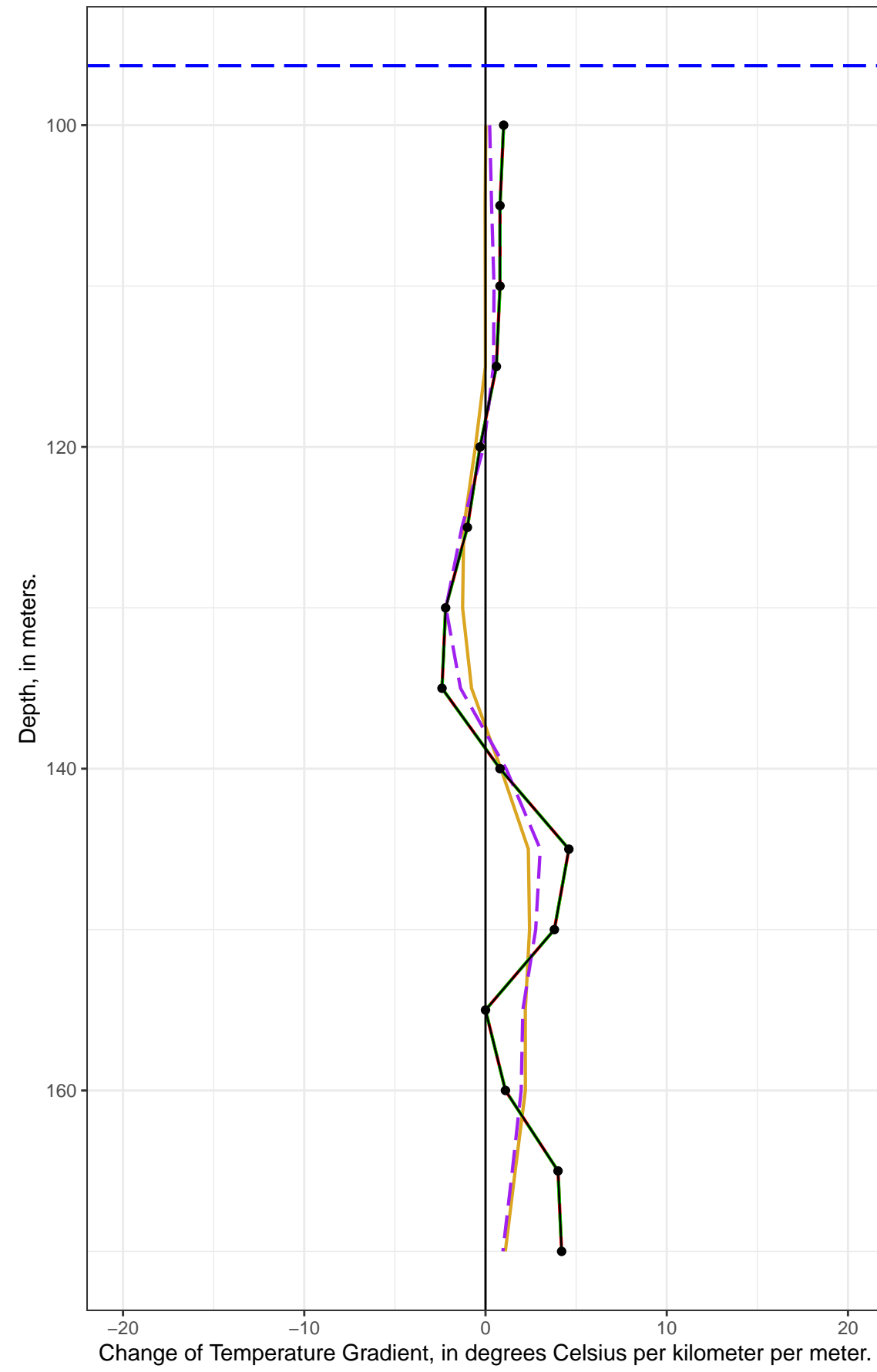
ID: 255 [ST-30] Smoothed Profile



ID: 255 [ST-30] First Derivative



ID: 255 [ST-30] Second Derivative

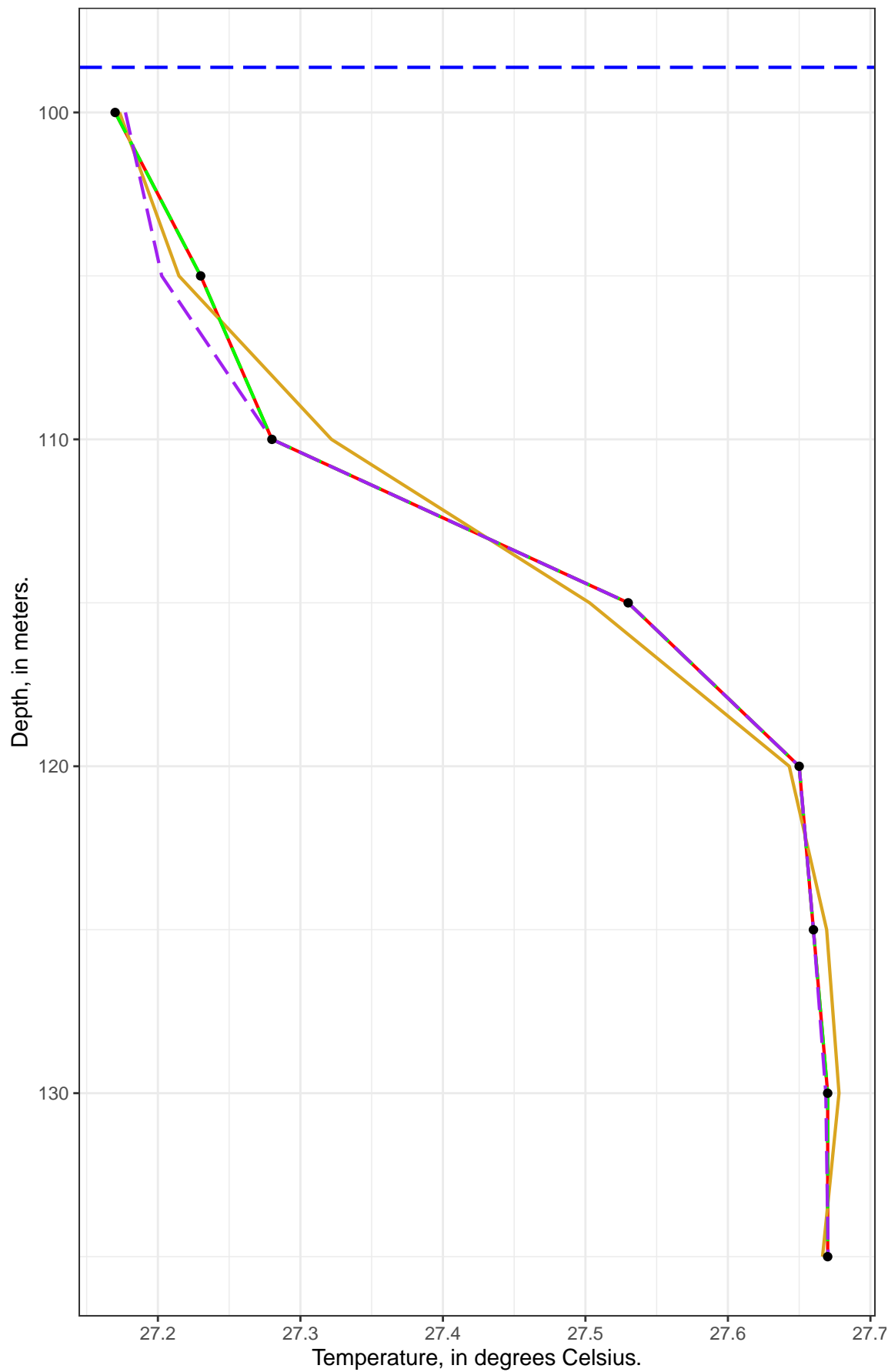


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

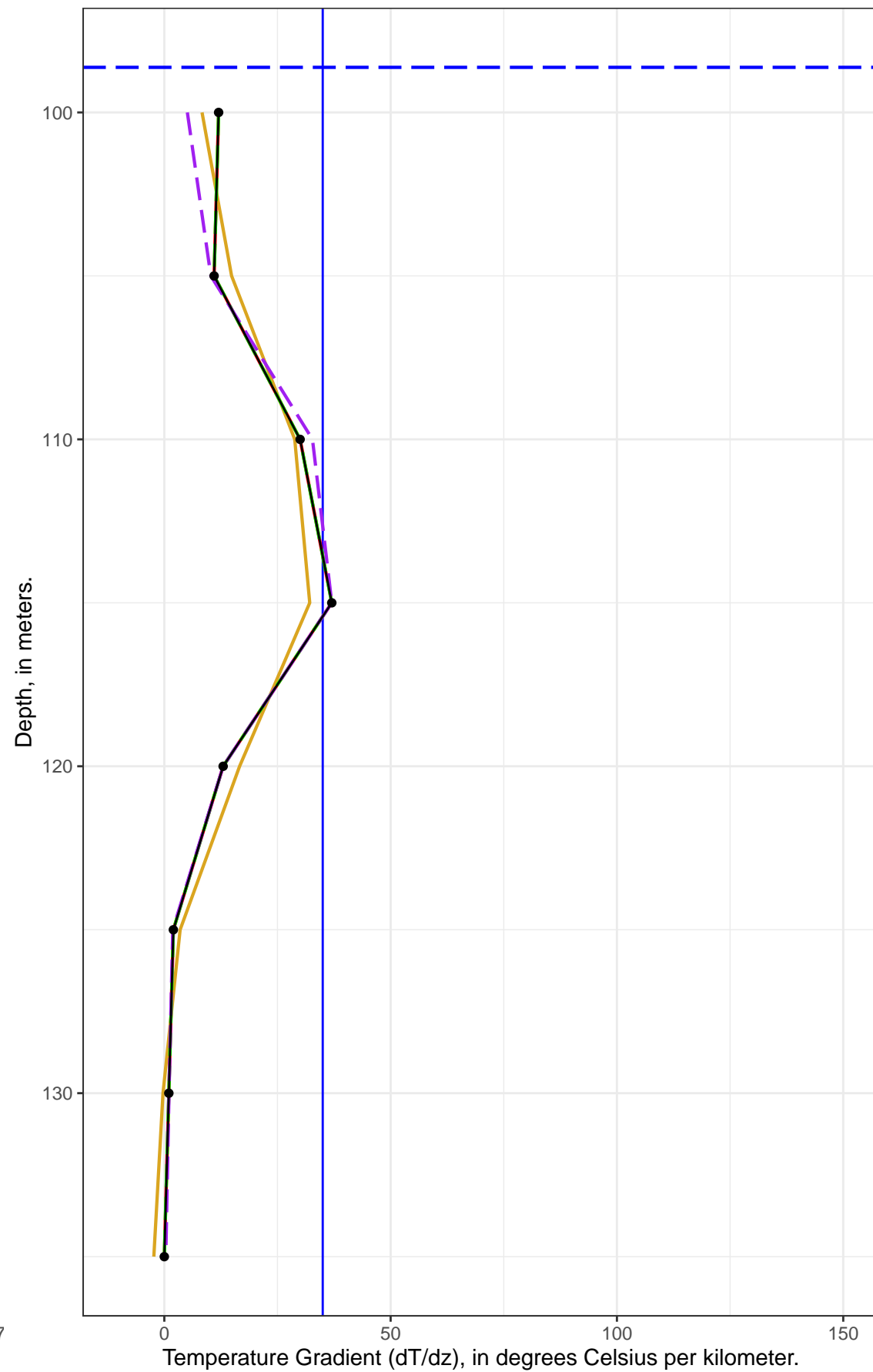
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

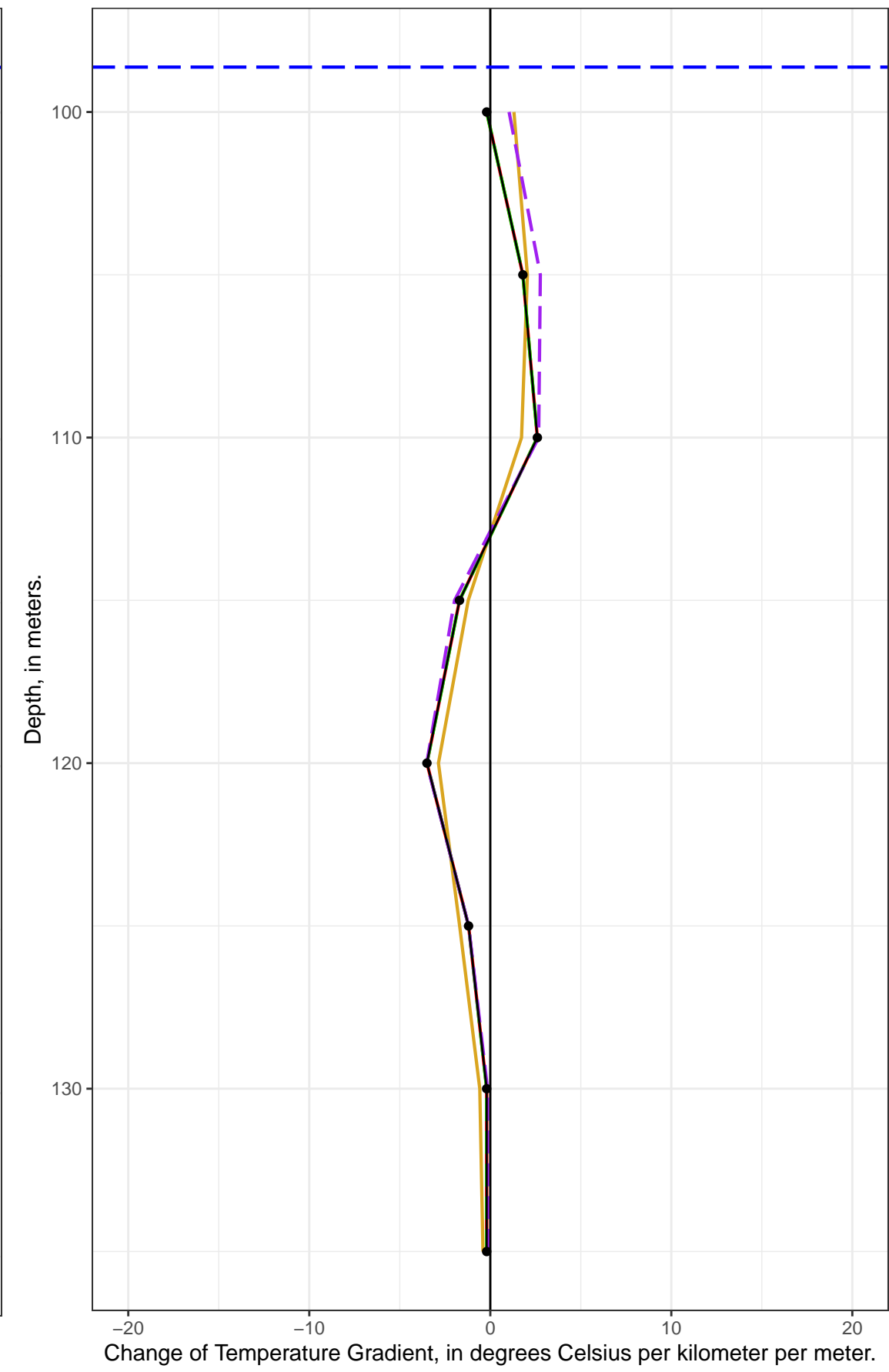
ID: 256 [ST-31] Smoothed Profile



ID: 256 [ST-31] First Derivative



ID: 256 [ST-31] Second Derivative

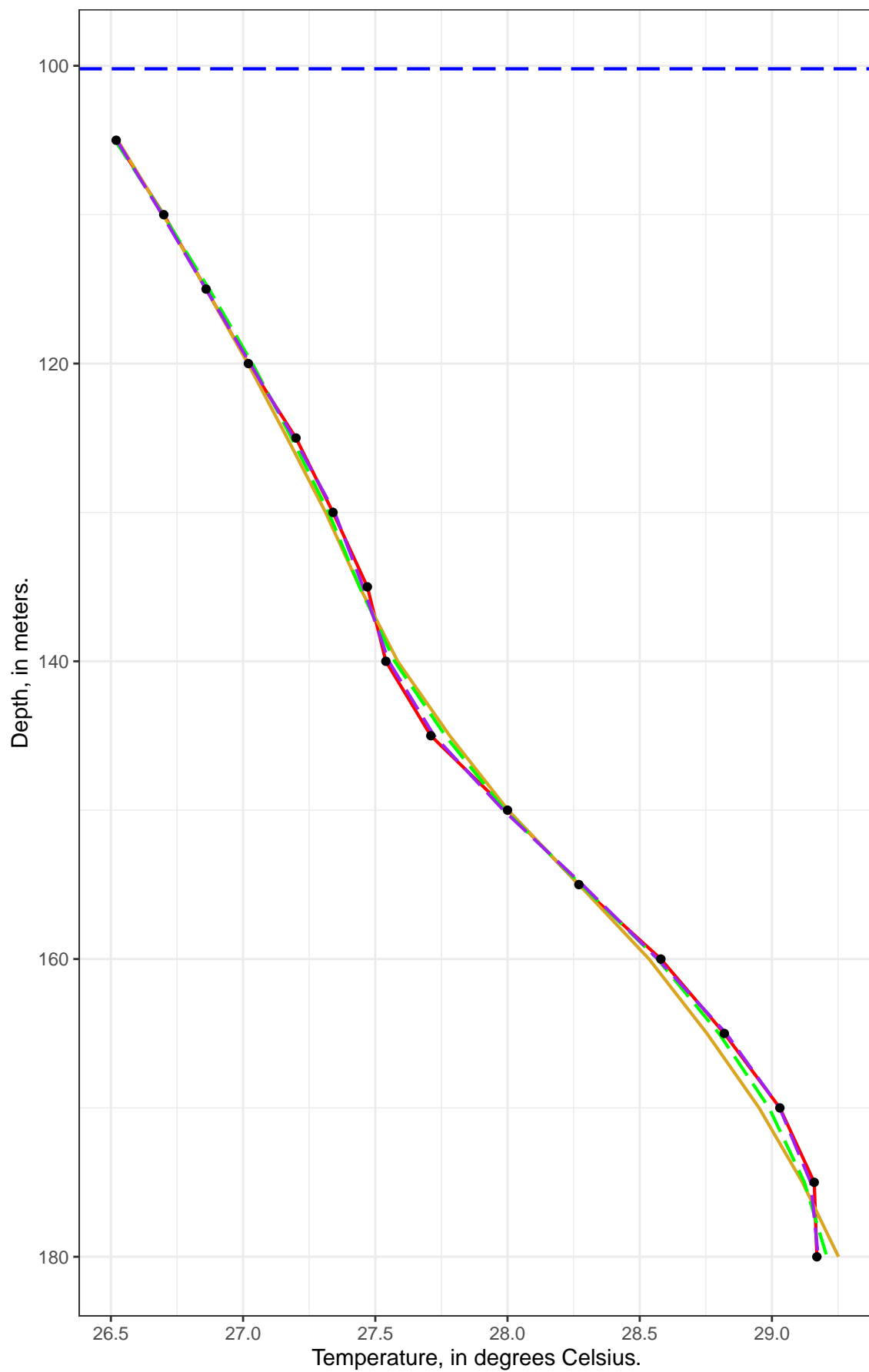


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

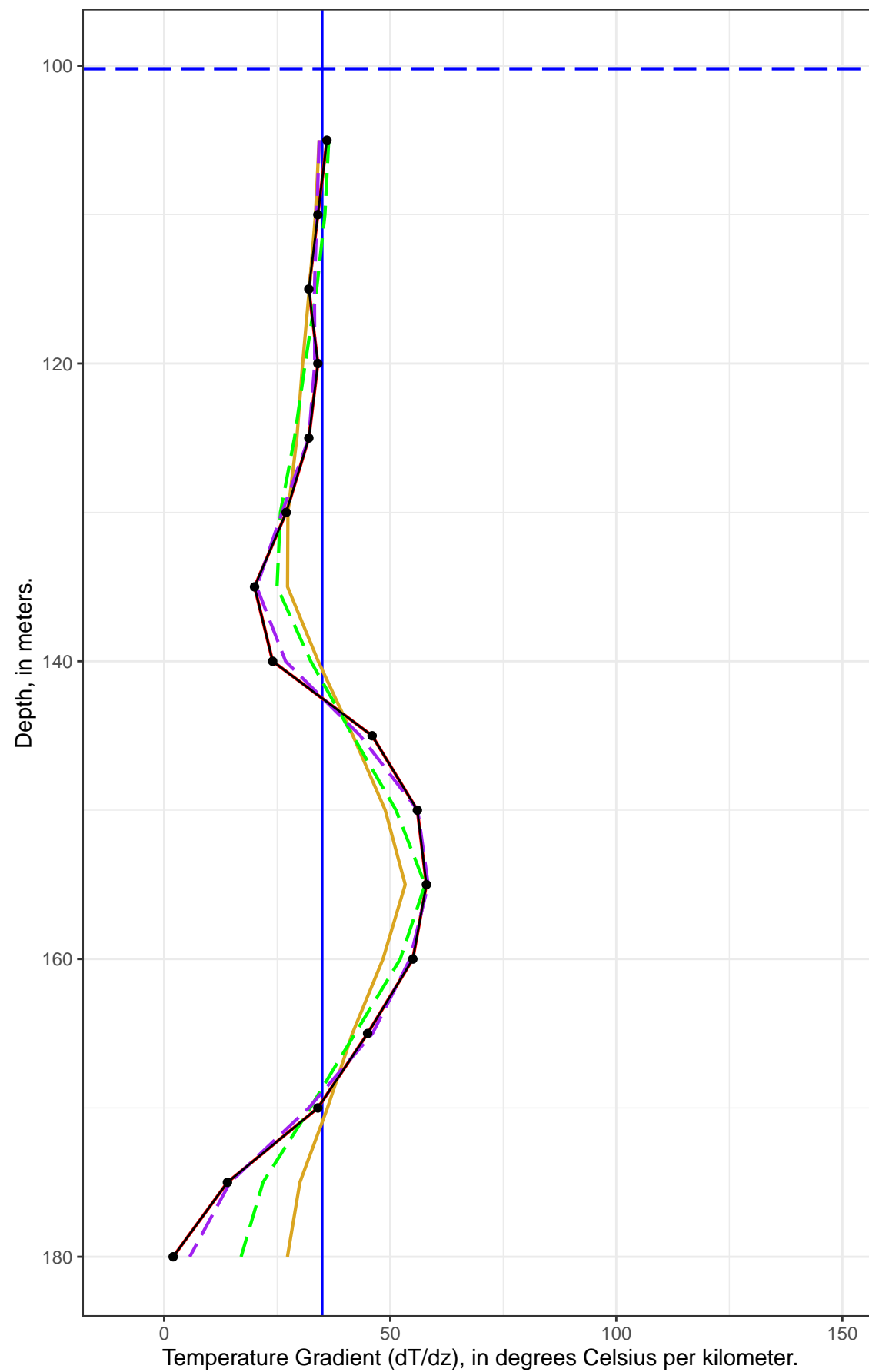
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

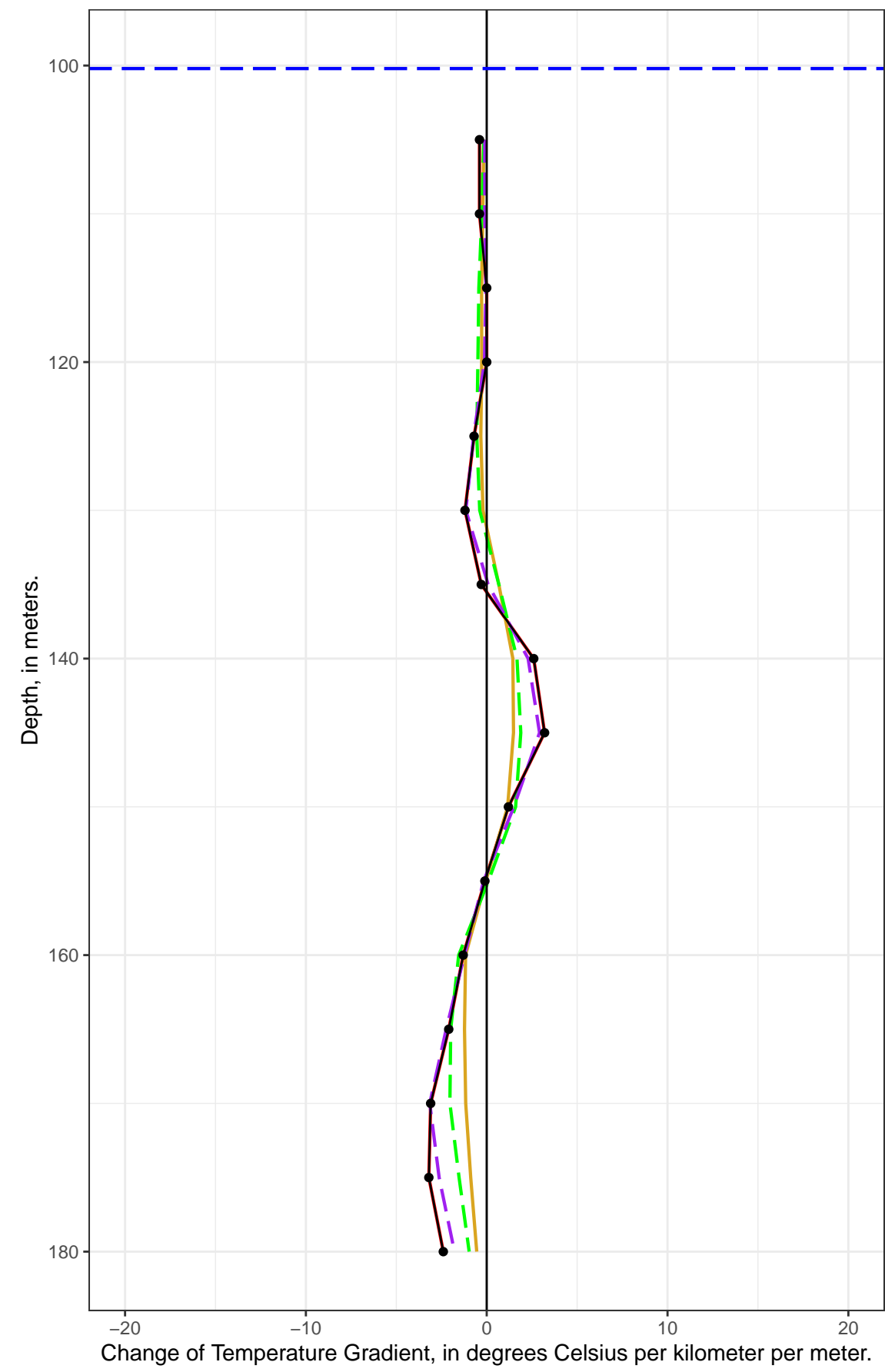
ID: 257 [ST-5] Smoothed Profile



ID: 257 [ST-5] First Derivative



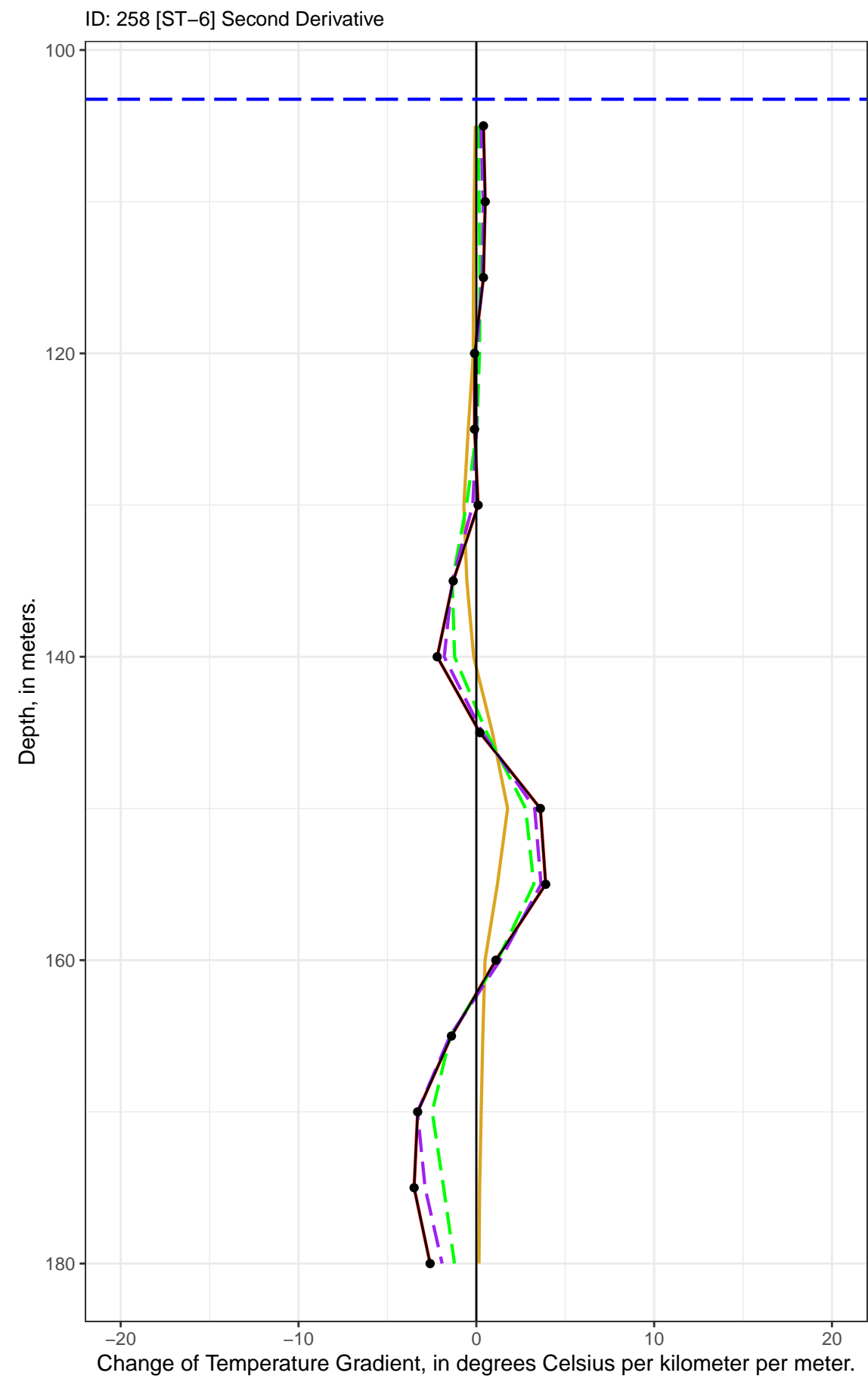
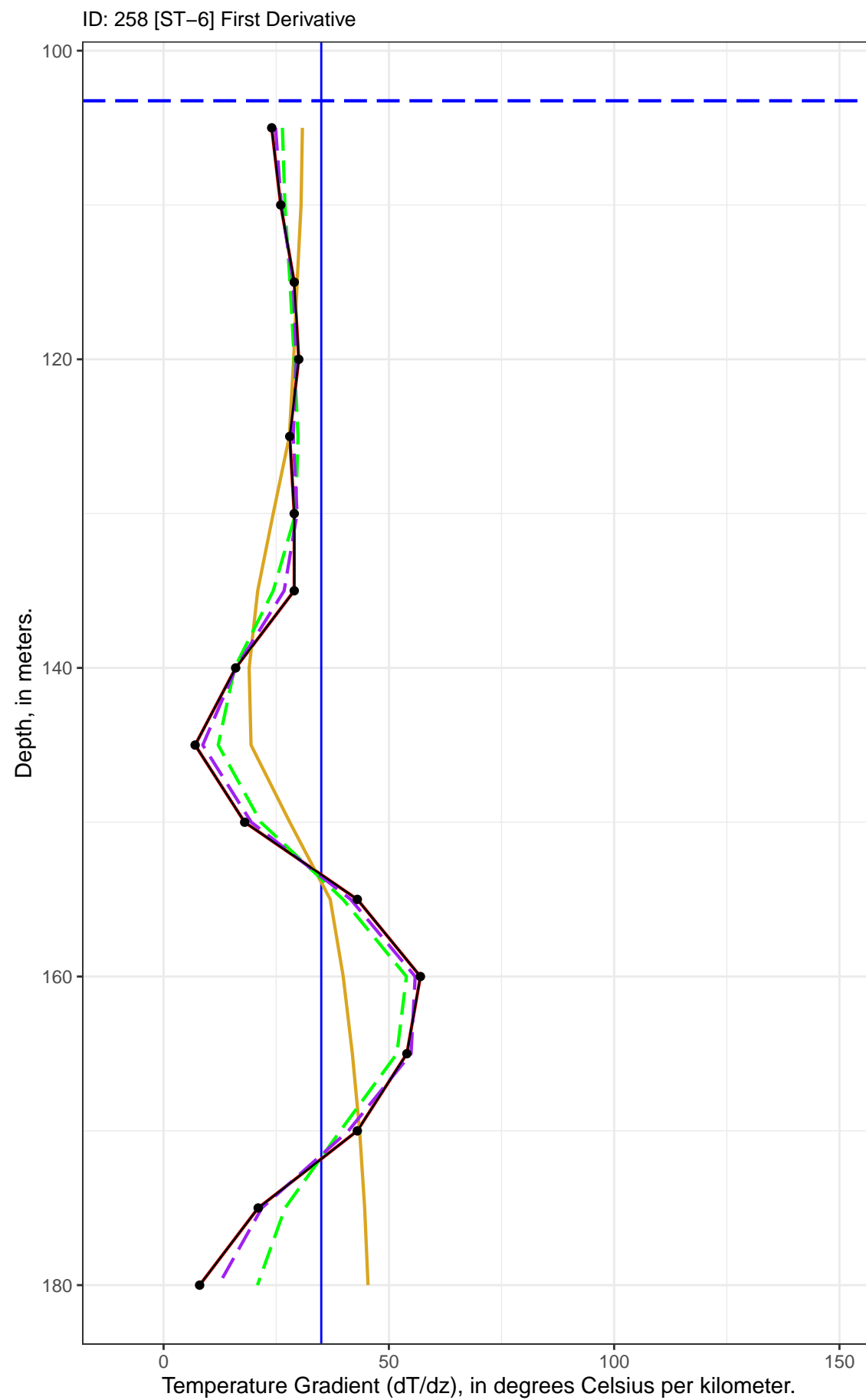
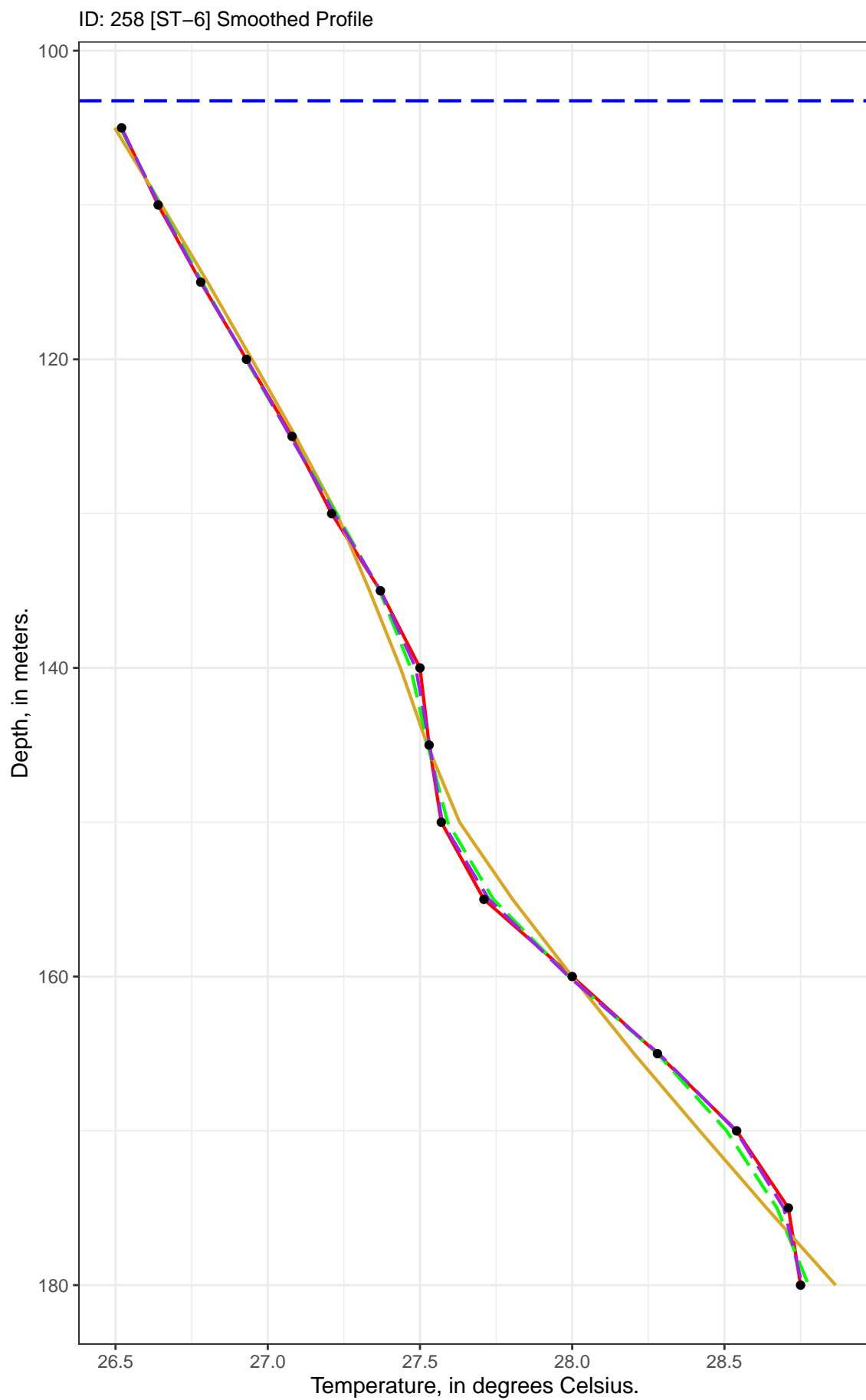
ID: 257 [ST-5] Second Derivative



• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

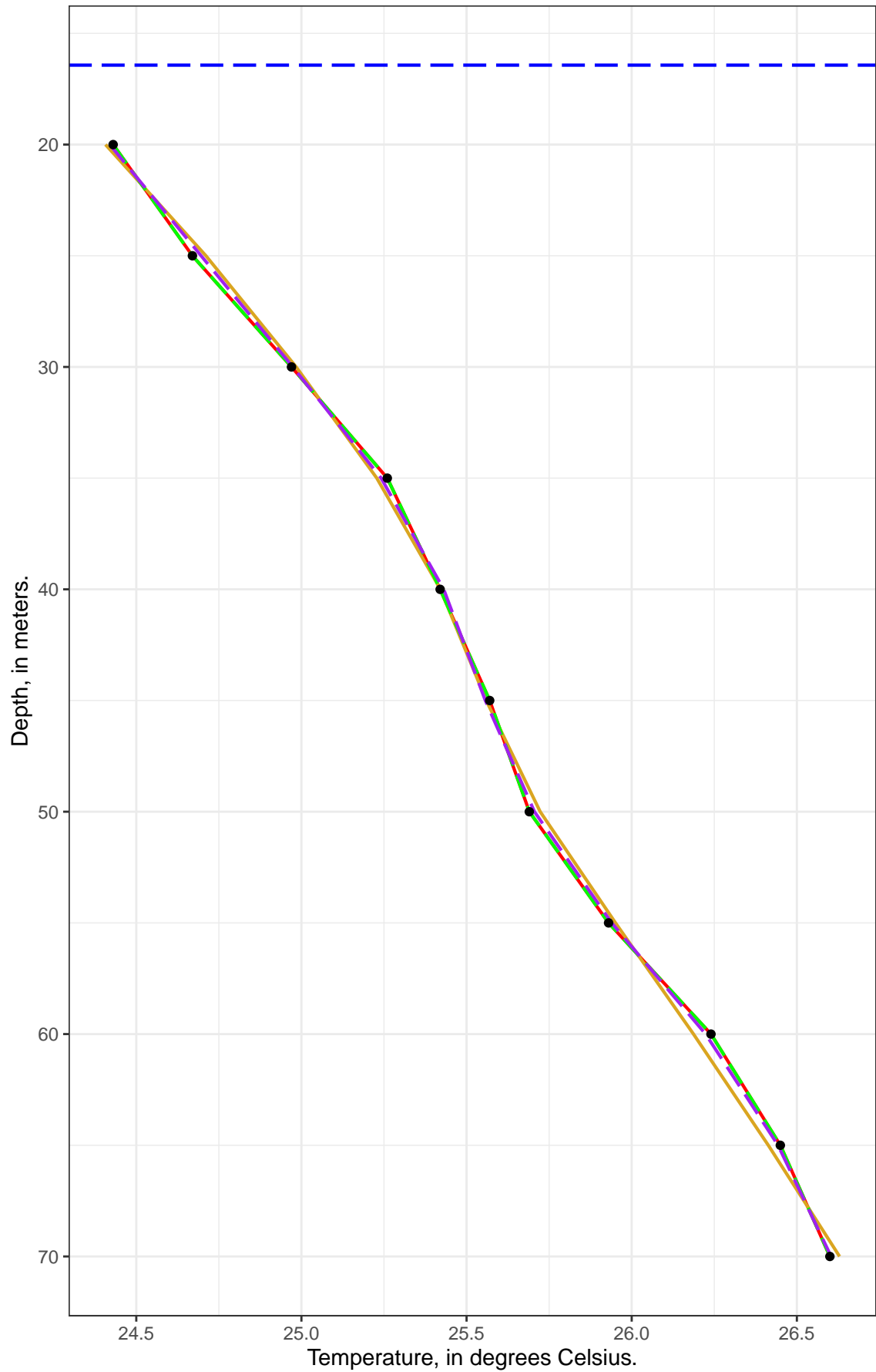


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

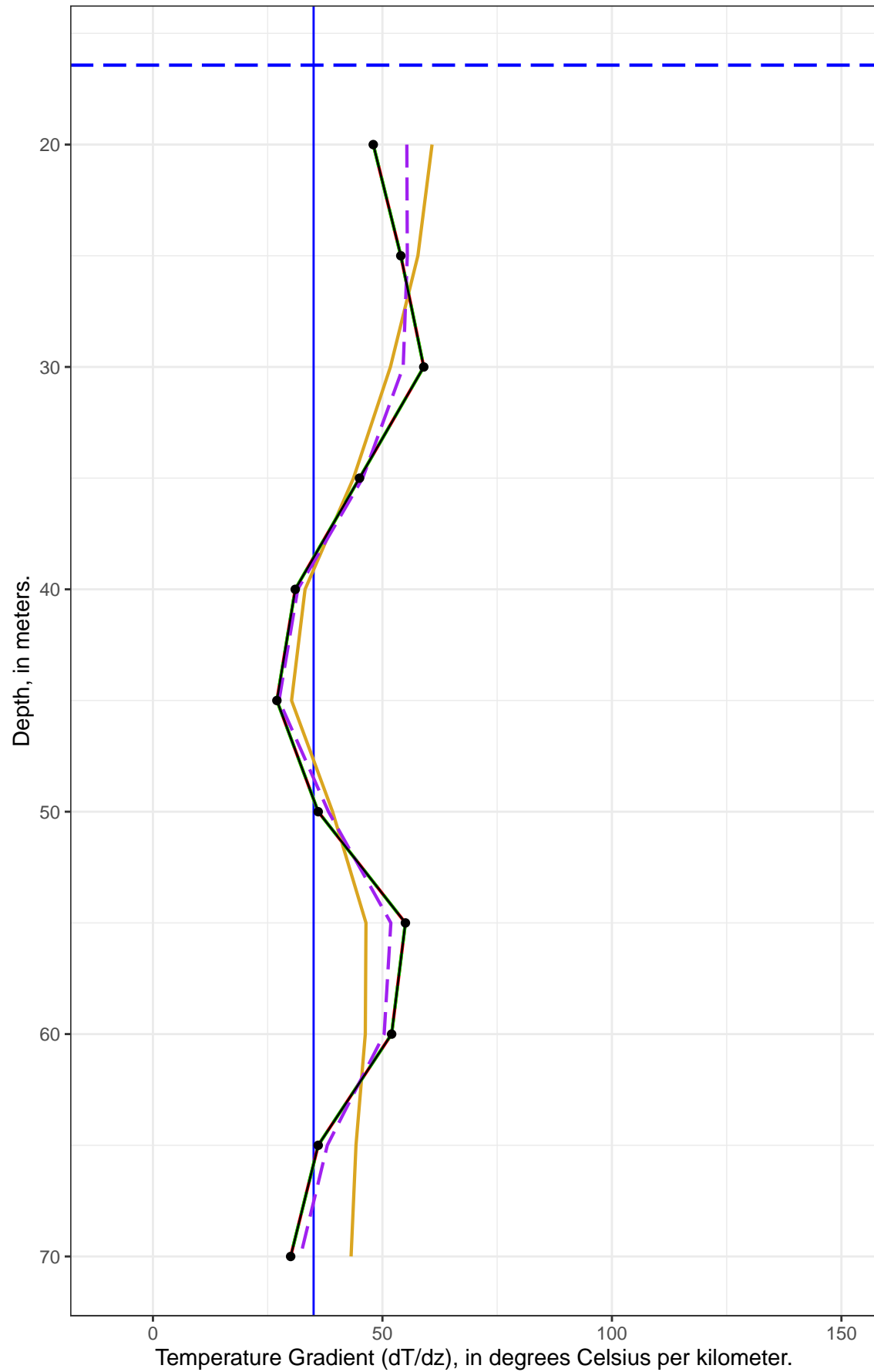
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 259 [ST-7] Smoothed Profile



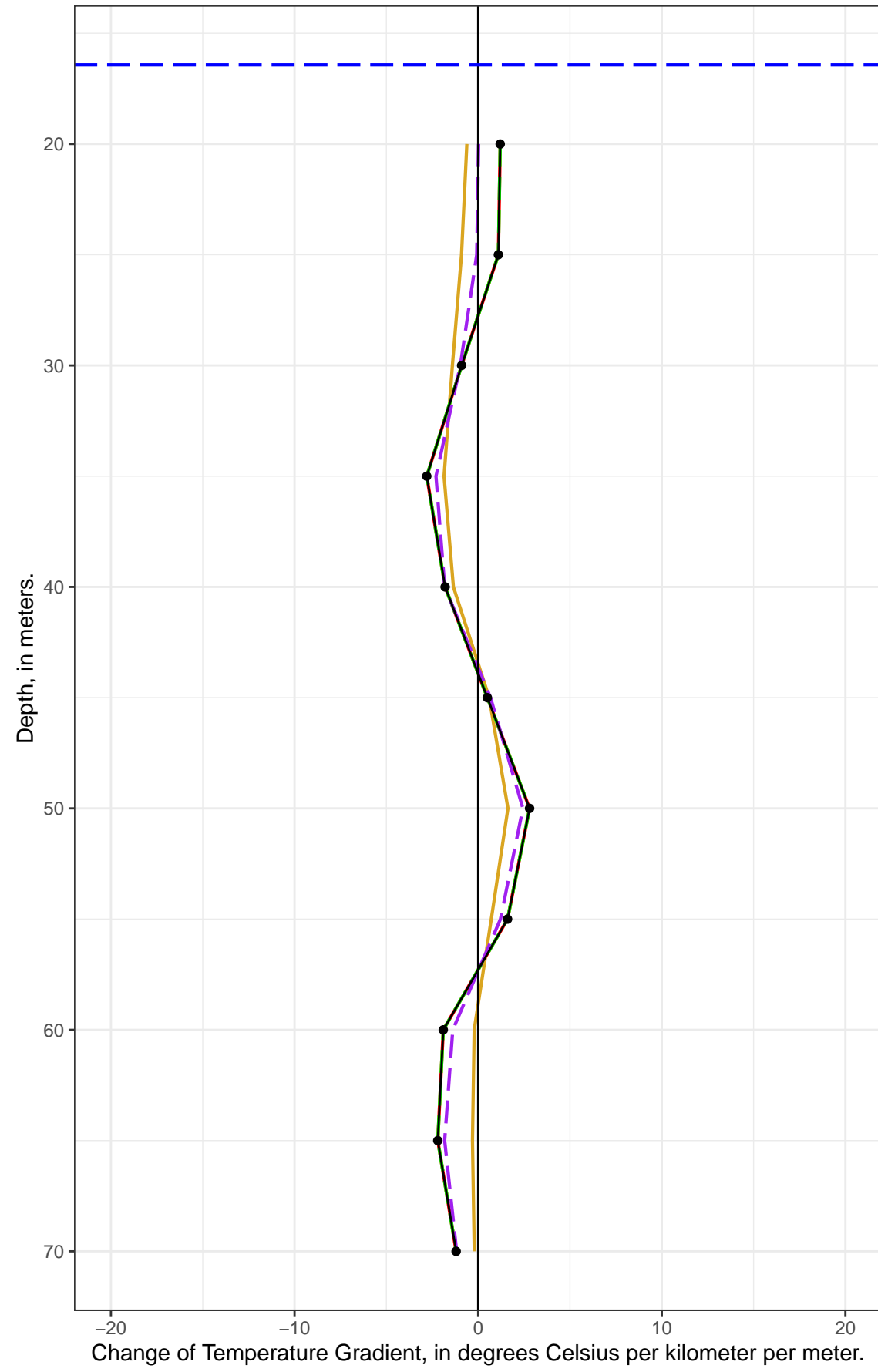
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

ID: 259 [ST-7] First Derivative

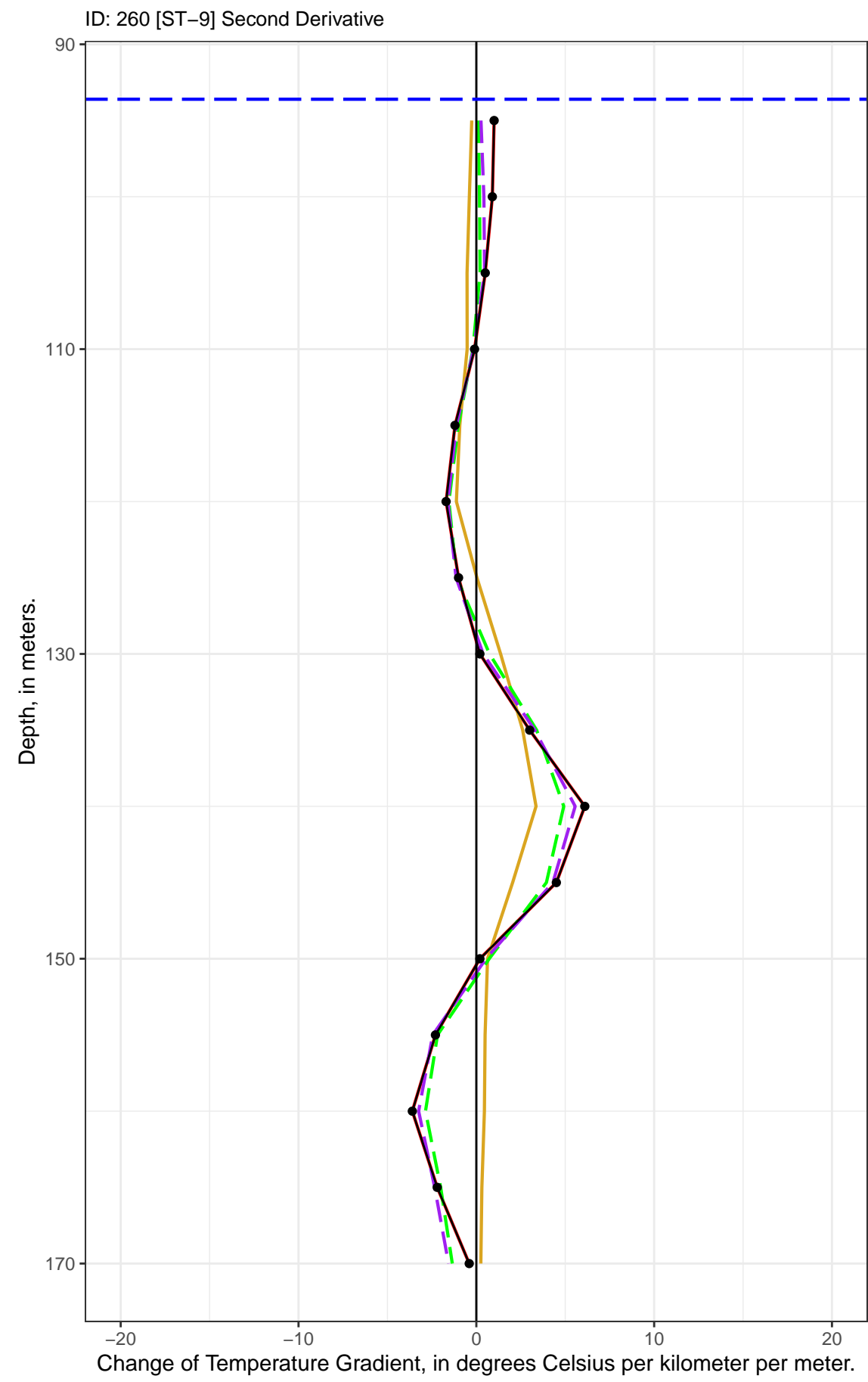
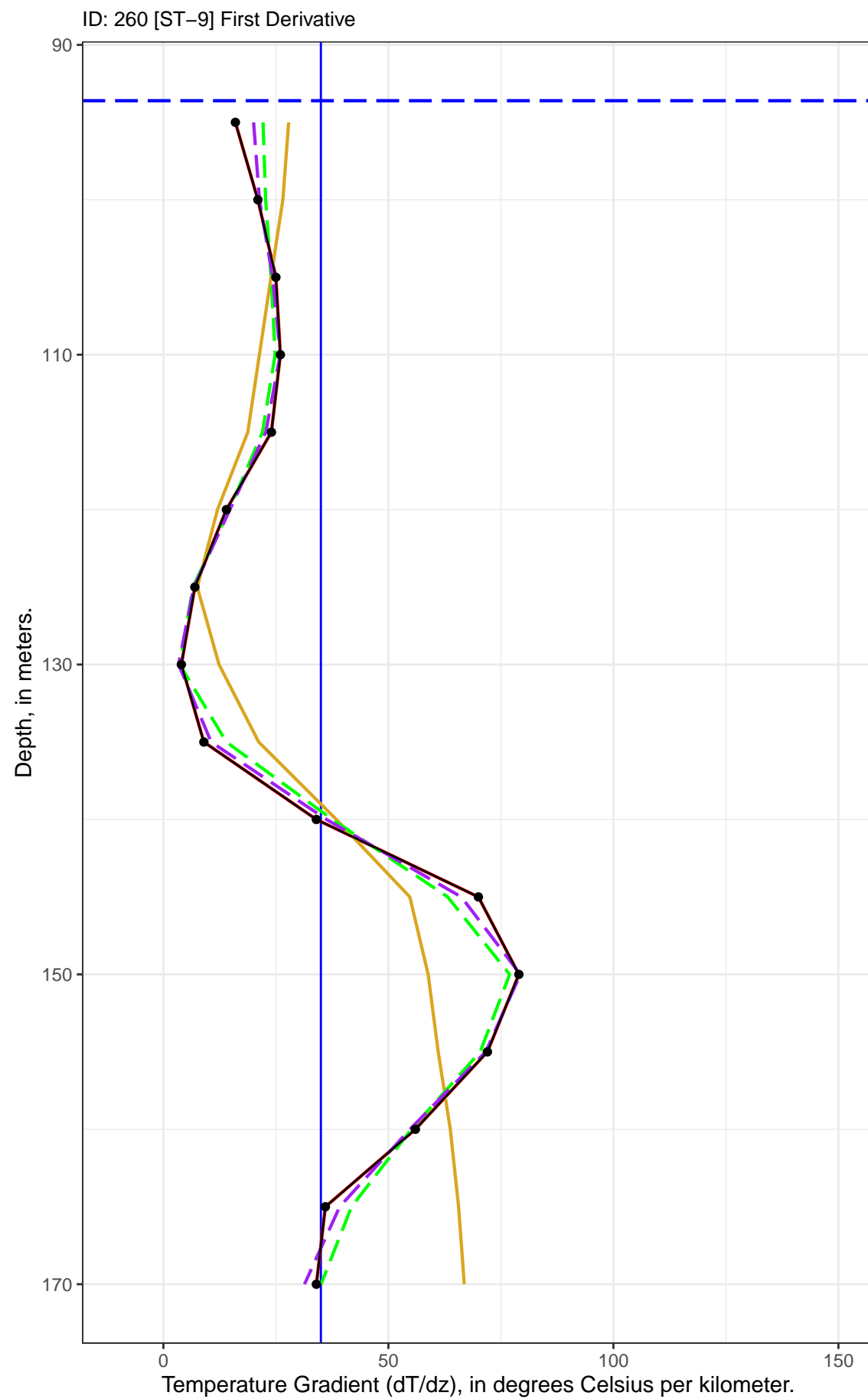
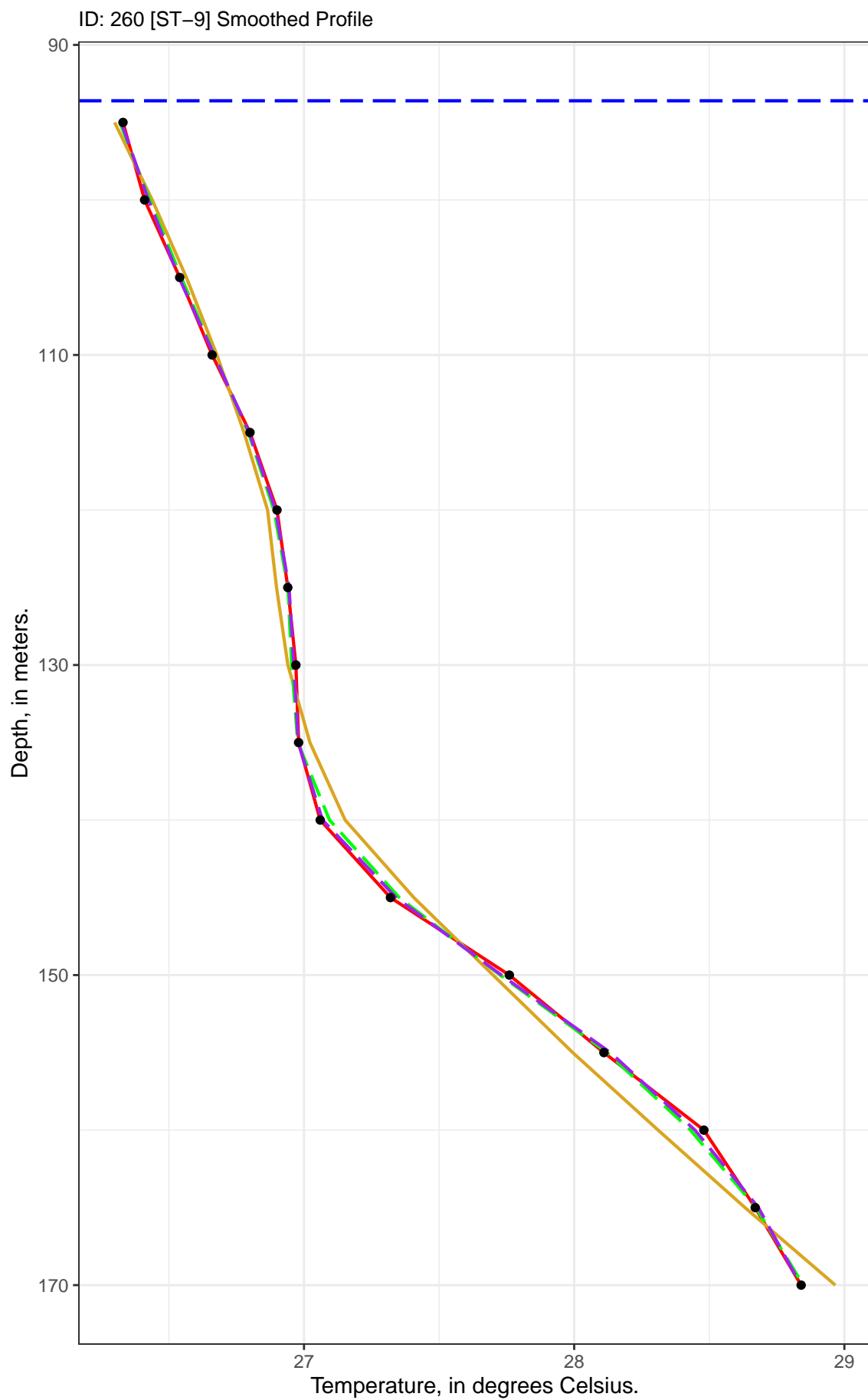


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

ID: 259 [ST-7] Second Derivative



• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

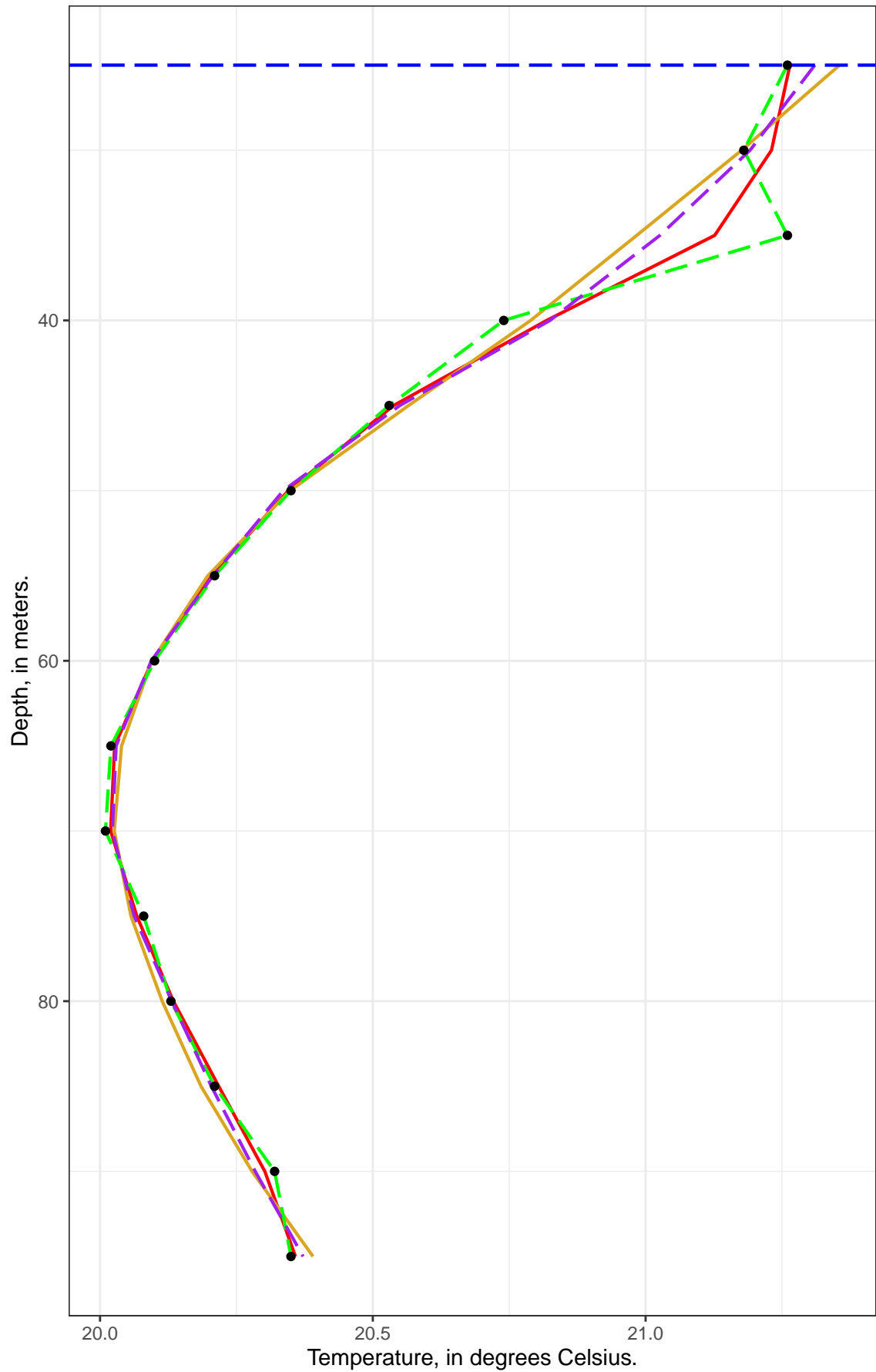


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

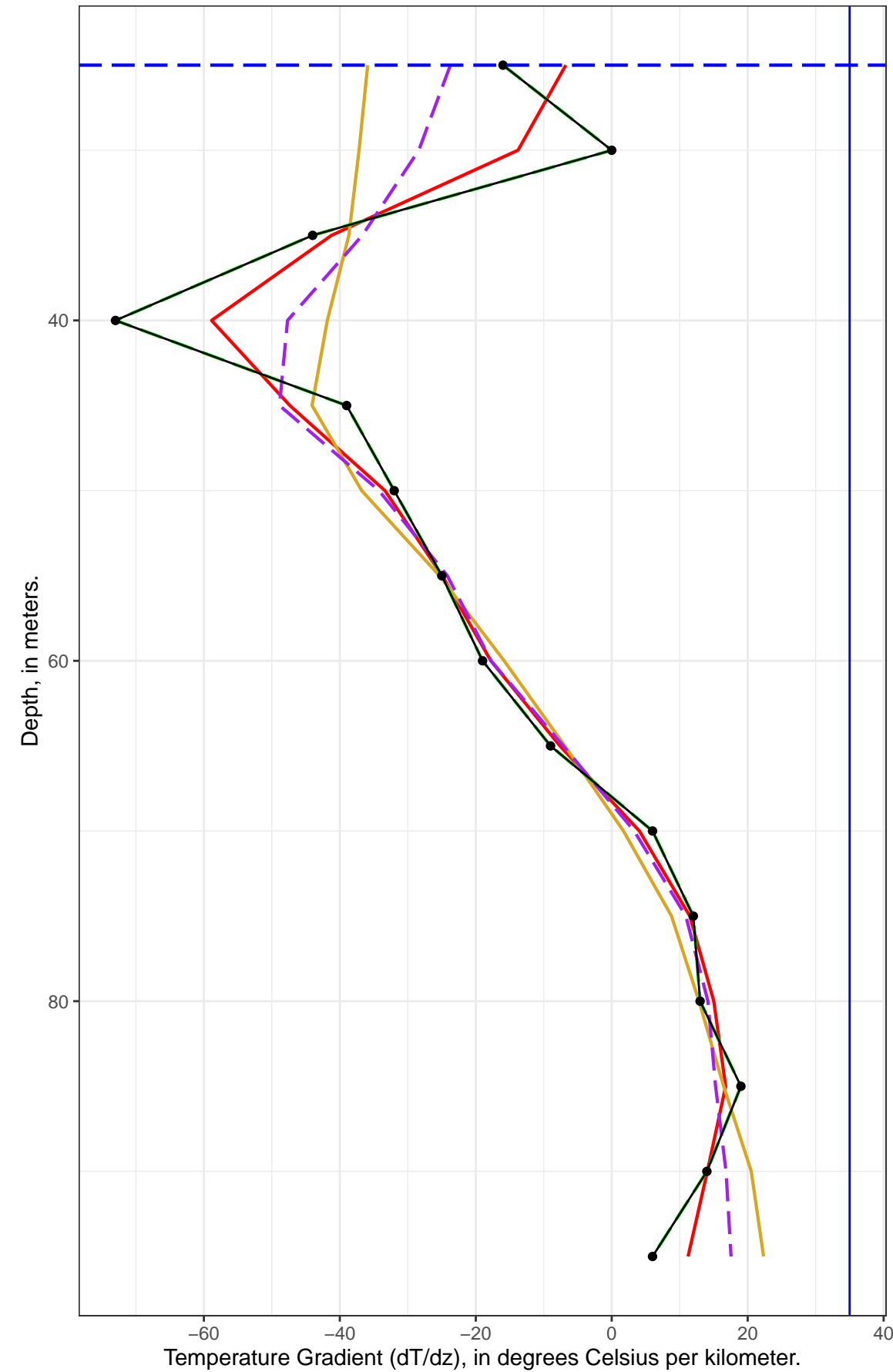
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

ID: 349 [TG-NMSU-1] Smoothed Profile



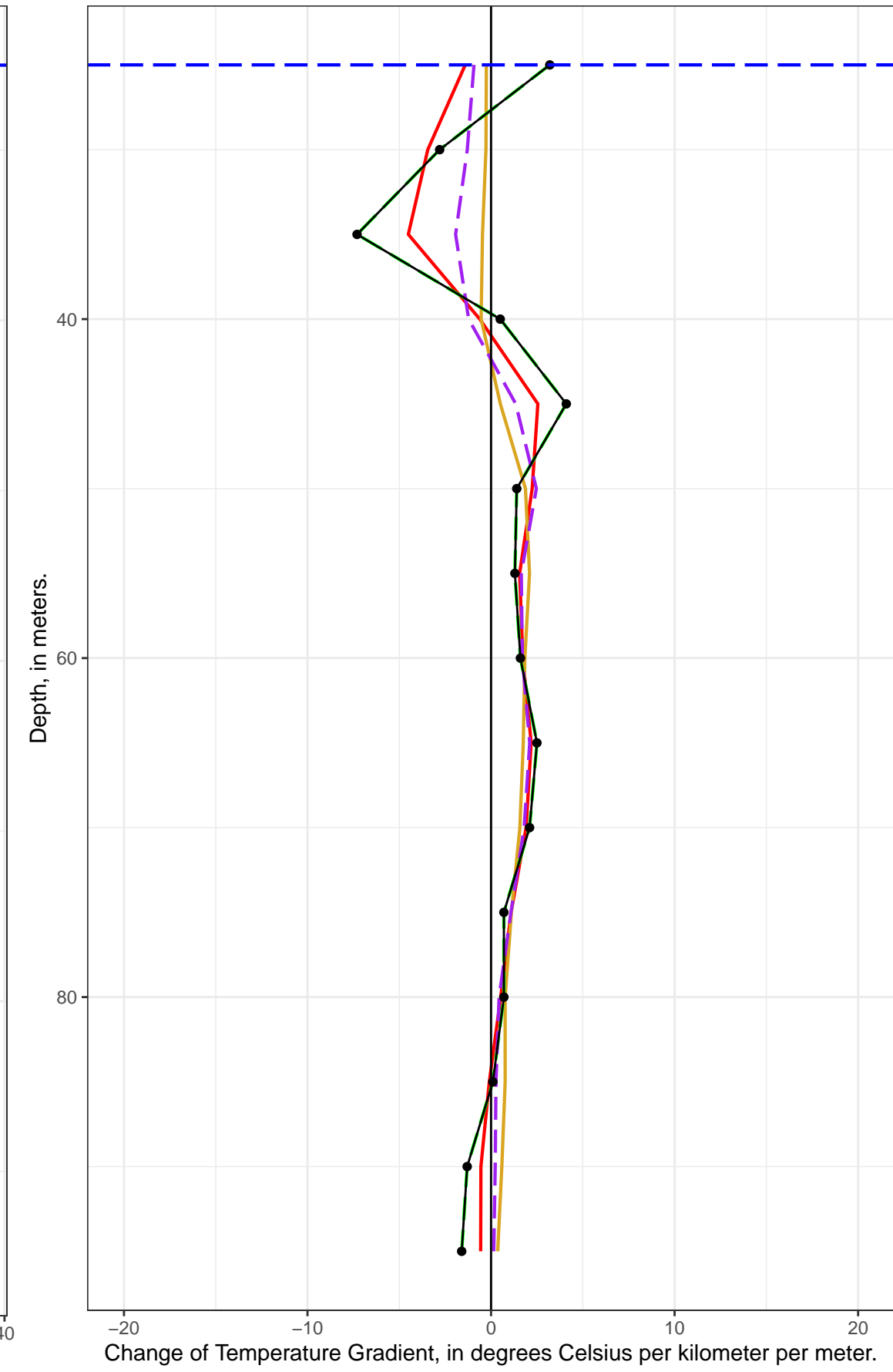
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

ID: 349 [TG-NMSU-1] First Derivative



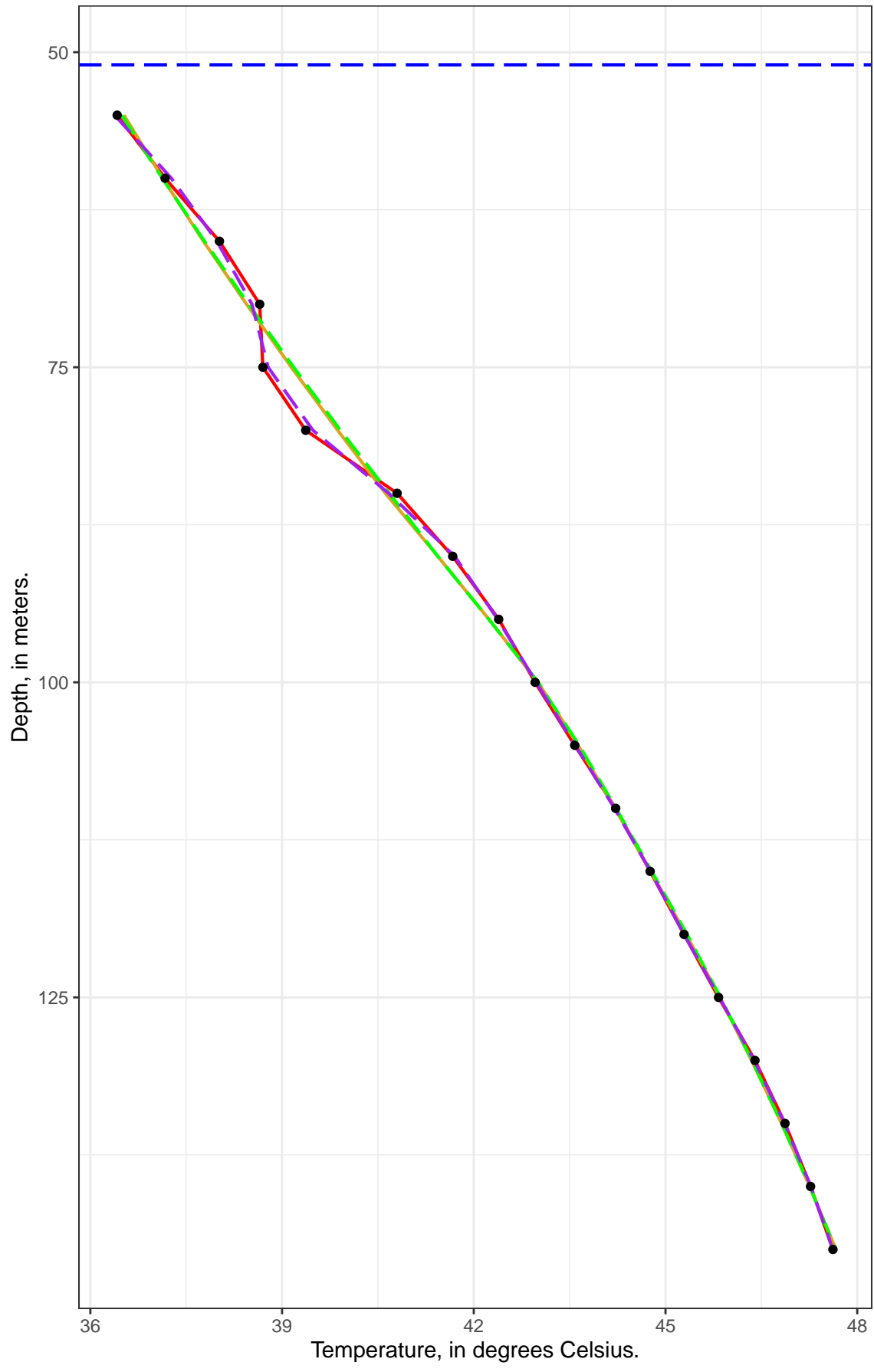
• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

ID: 349 [TG-NMSU-1] Second Derivative

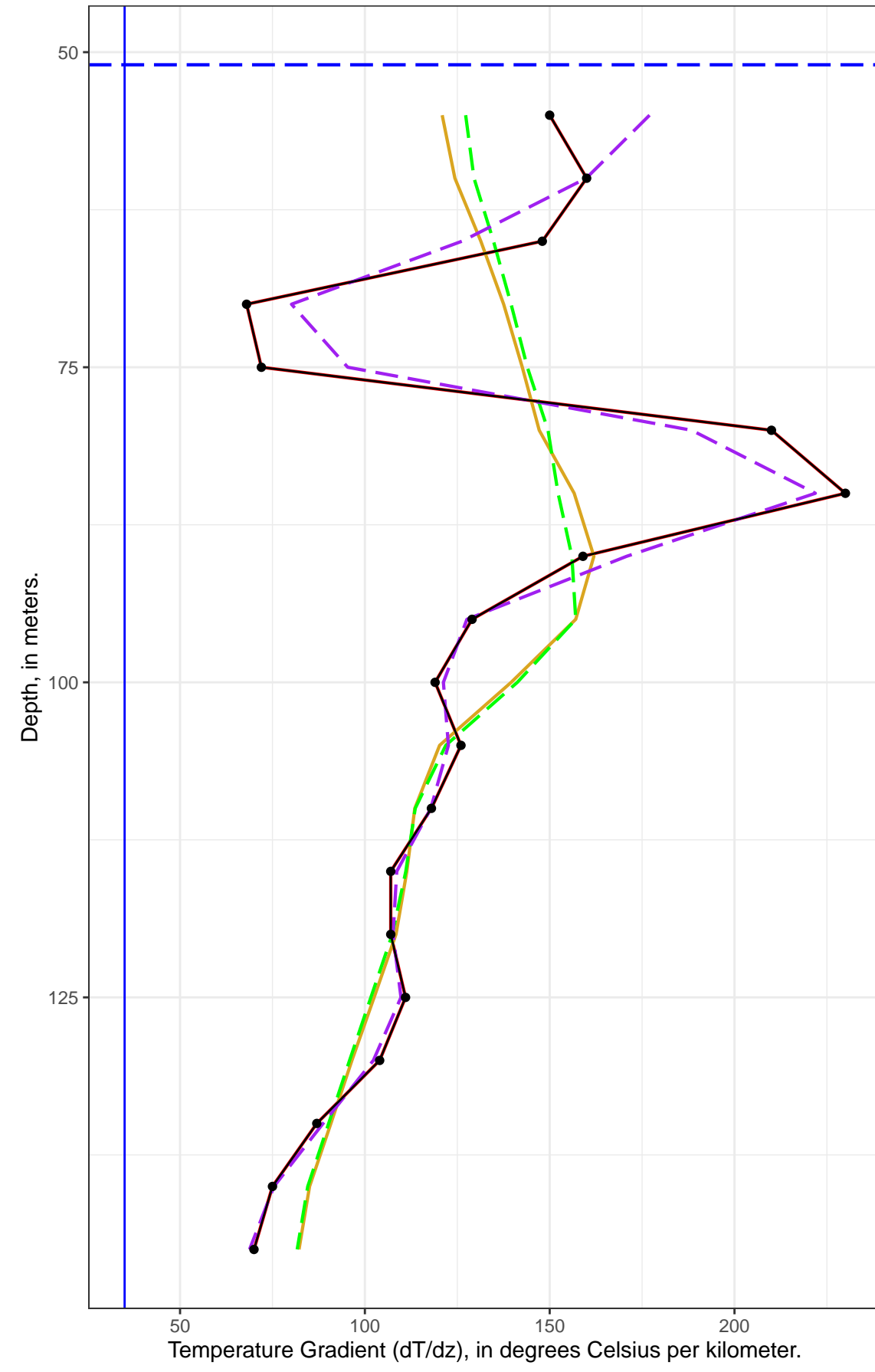


• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

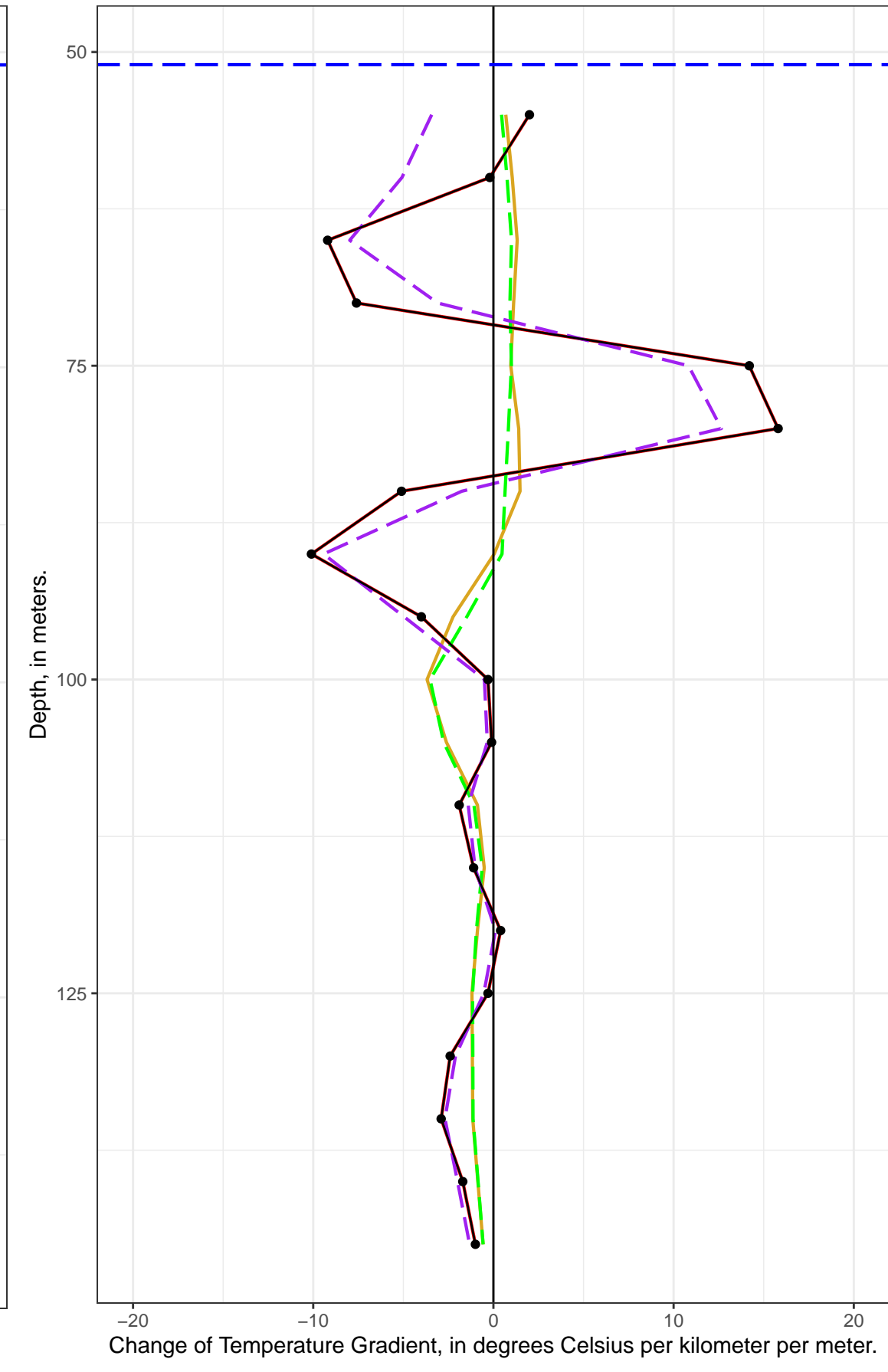
ID: 350 [TG-NMSU-10_PG-2] Smoothed Profile



ID: 350 [TG-NMSU-10_PG-2] First Derivative



ID: 350 [TG-NMSU-10_PG-2] Second Derivative

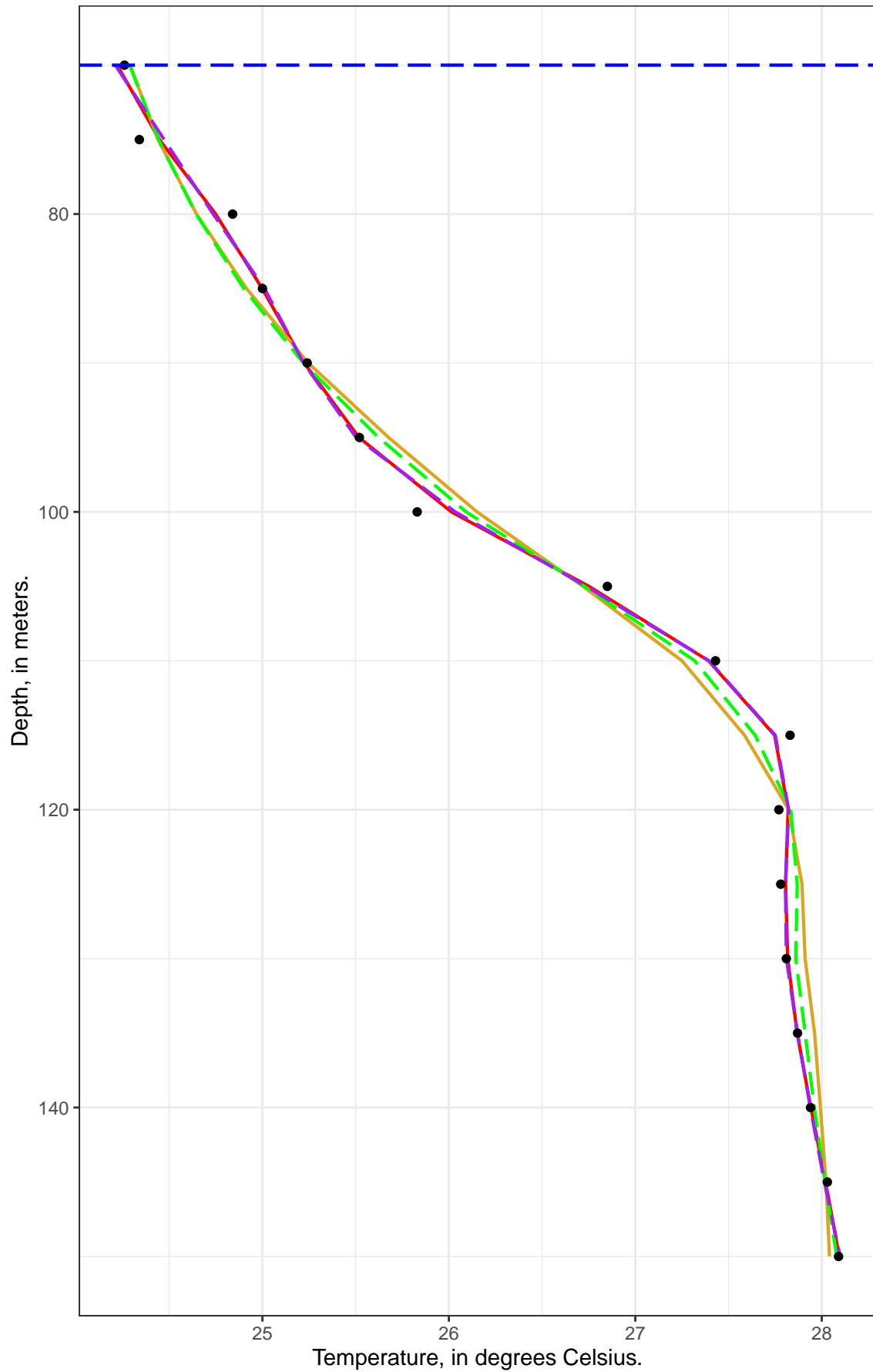


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

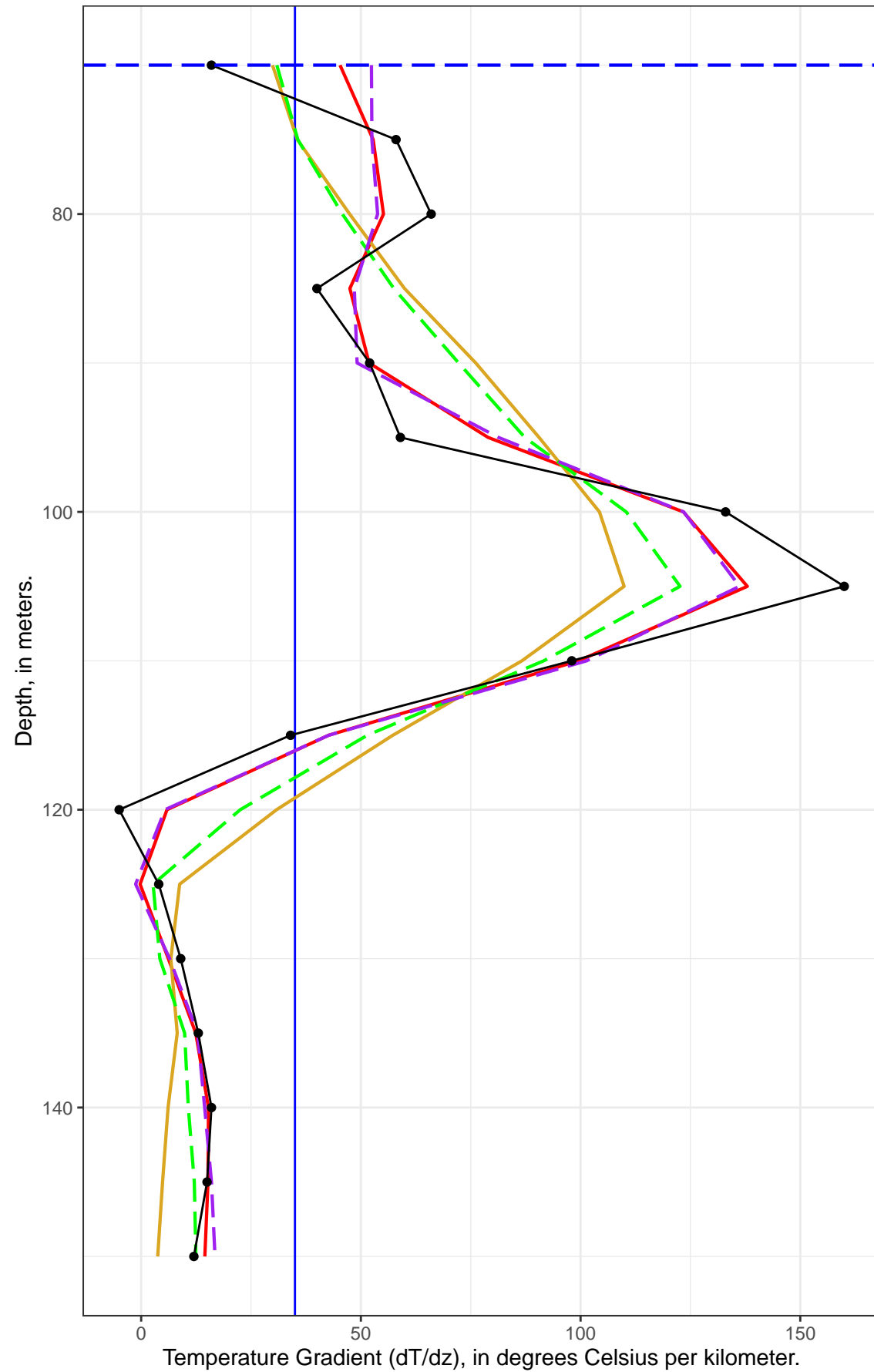
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

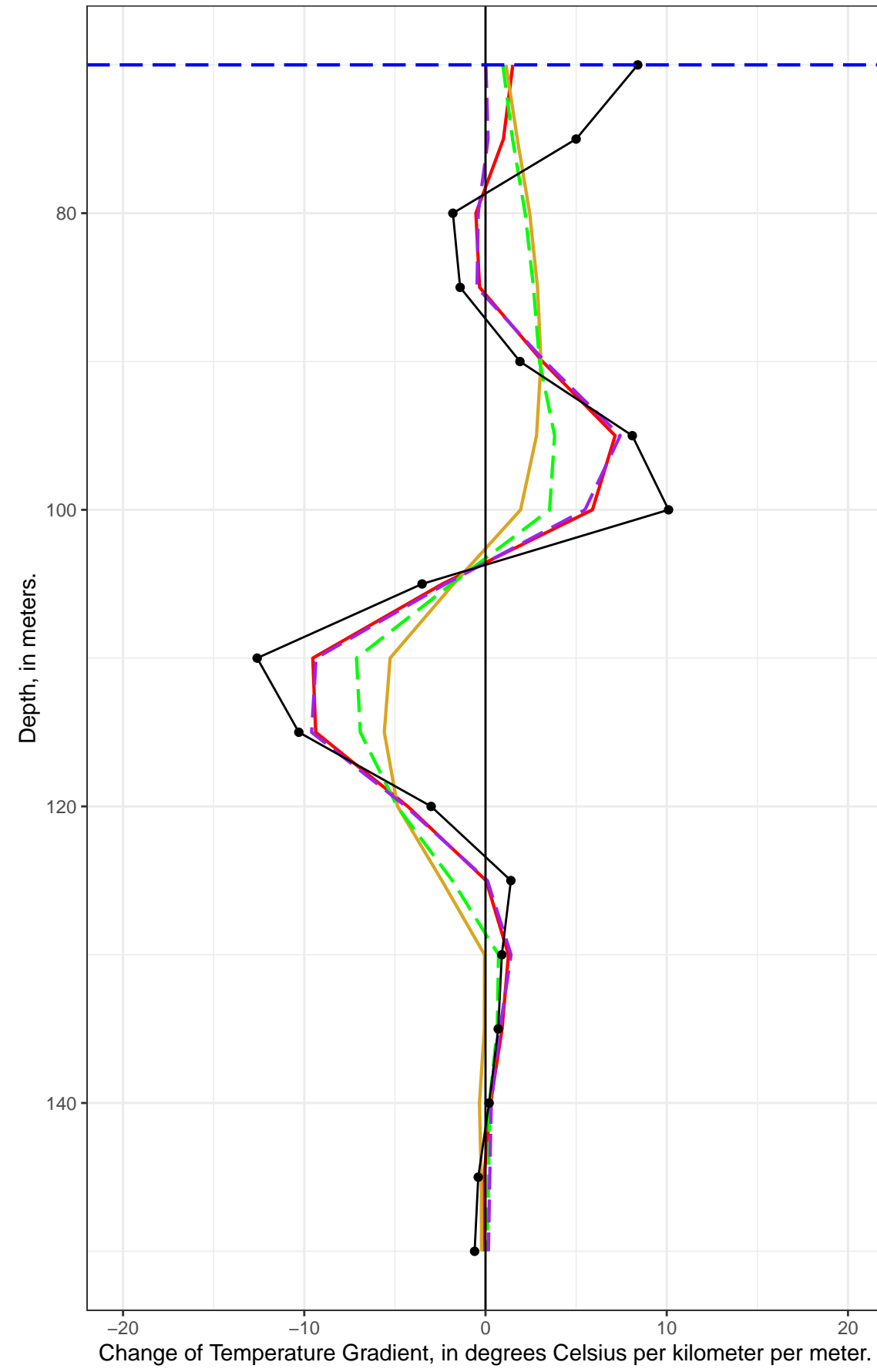
ID: 363 [TG-NMSU-3_GOLF_COURSE_Well_GD-1] Smoothed Profile



ID: 363 [TG-NMSU-3_GOLF_COURSE_Well_GD-1] First Derivative



ID: 363 [TG-NMSU-3_GOLF_COURSE_Well_GD-1] Second Derivative

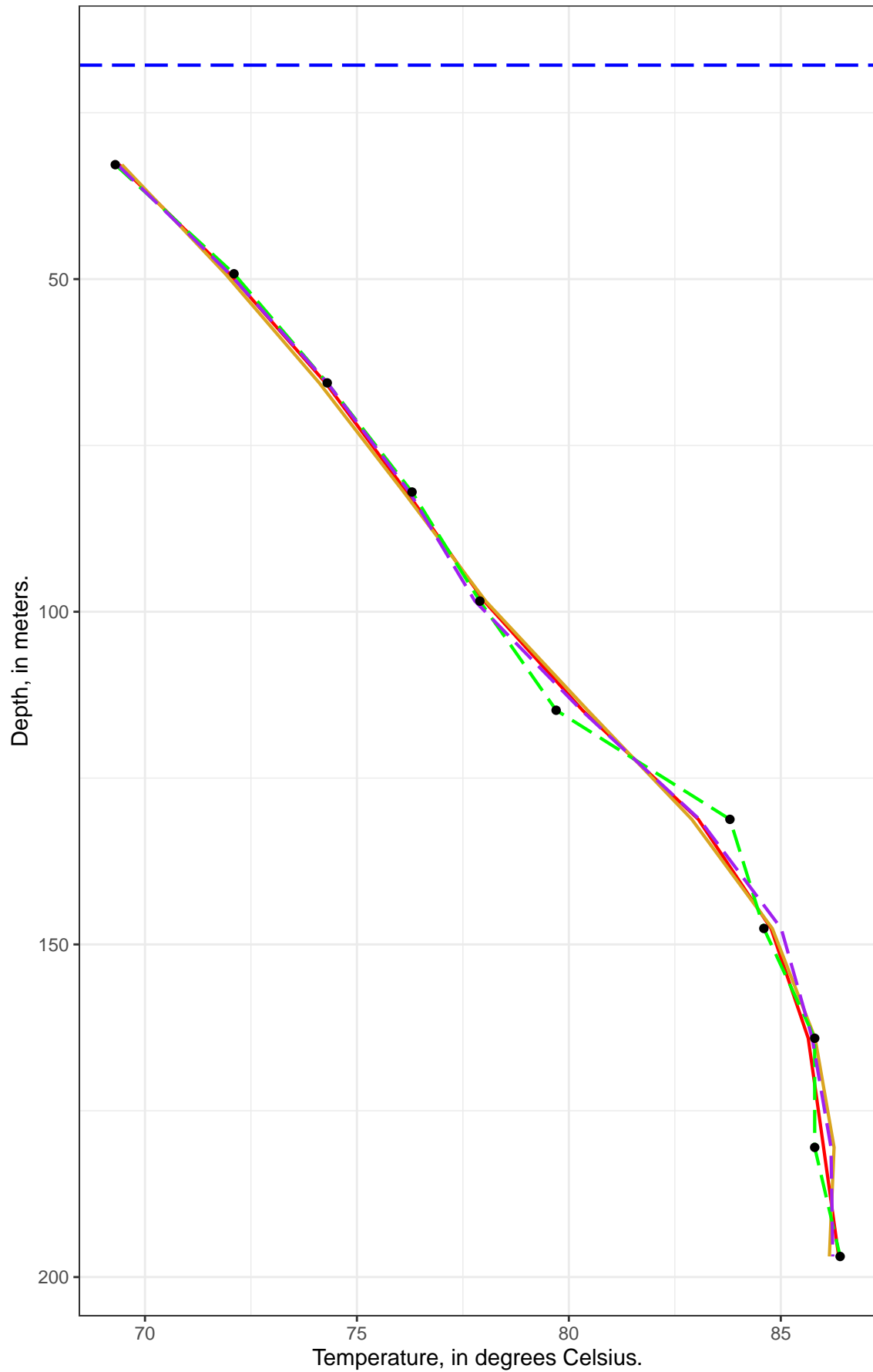


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

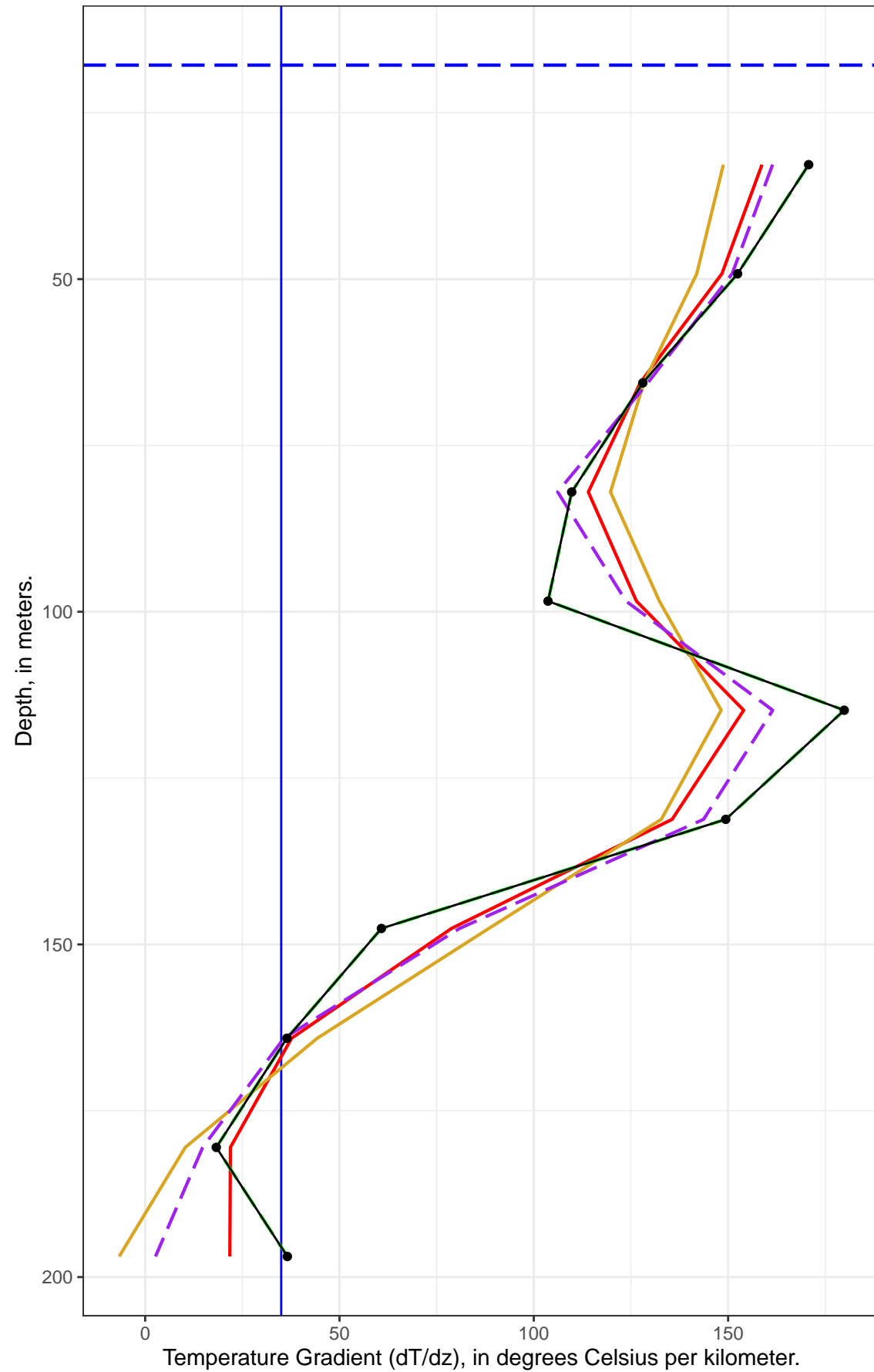
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

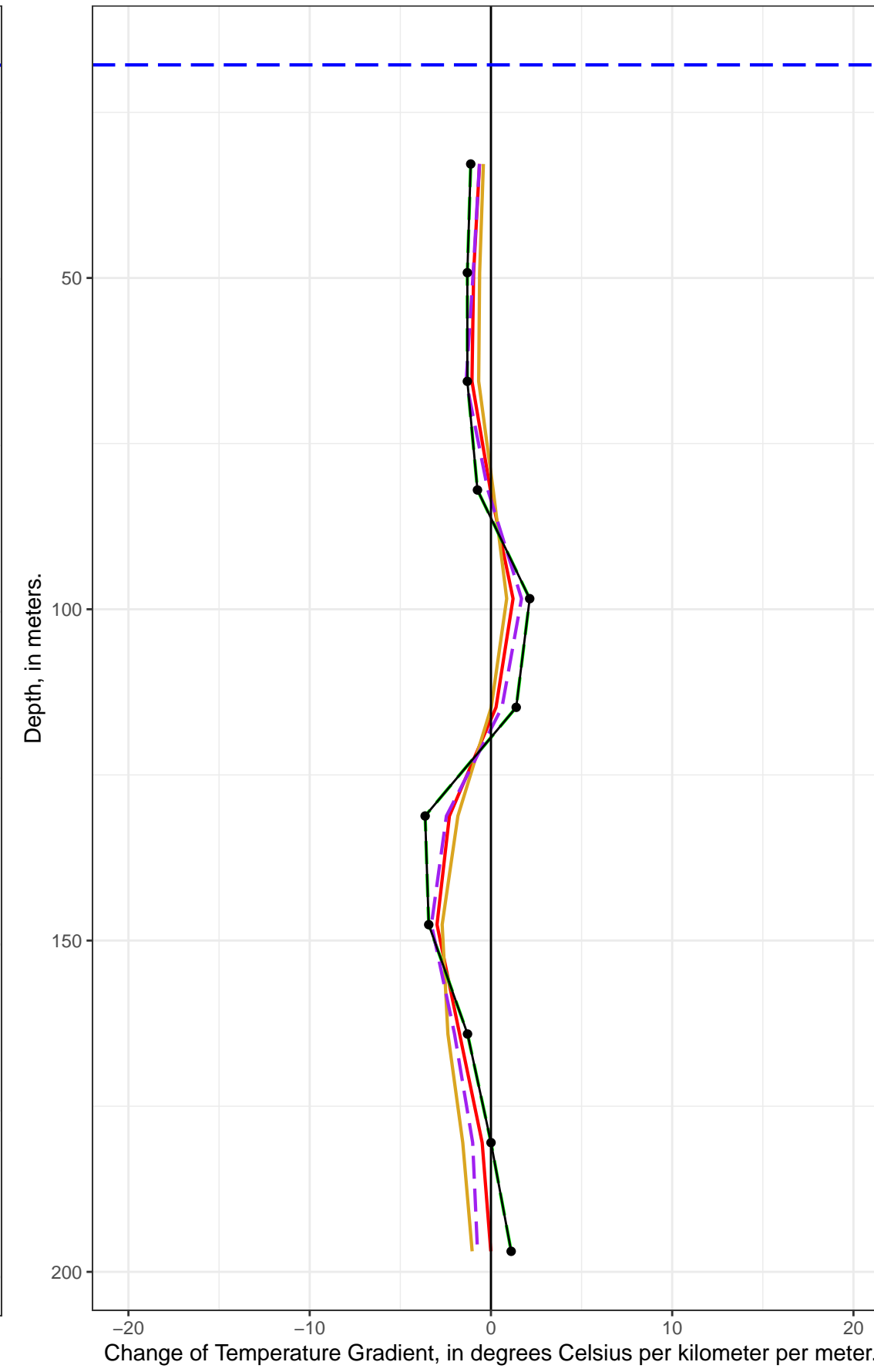
ID: 371 [WHIT-6_Dona_Ana_County] Smoothed Profile



ID: 371 [WHIT-6_Dona_Ana_County] First Derivative



ID: 371 [WHIT-6_Dona_Ana_County] Second Derivative

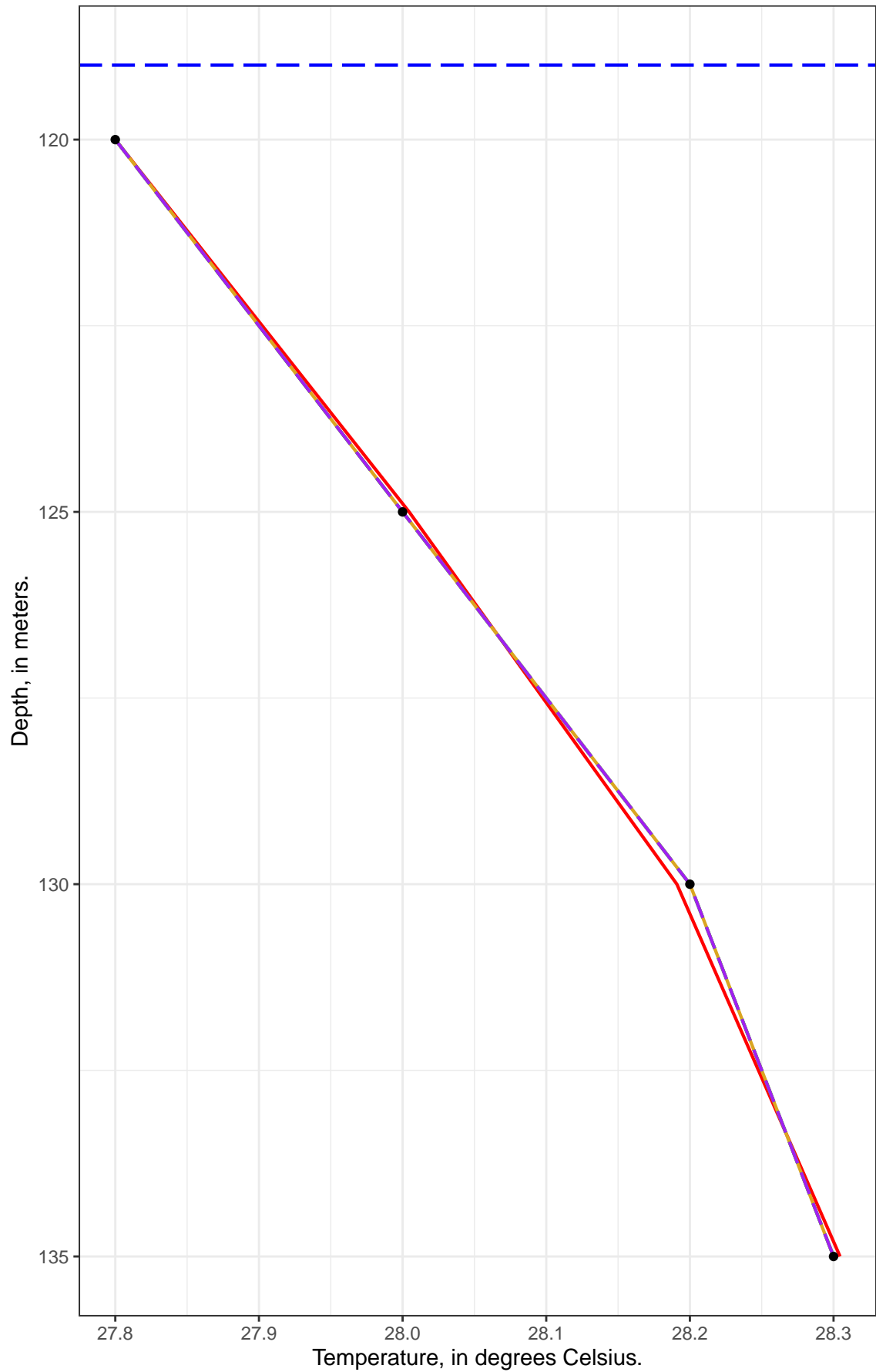


• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

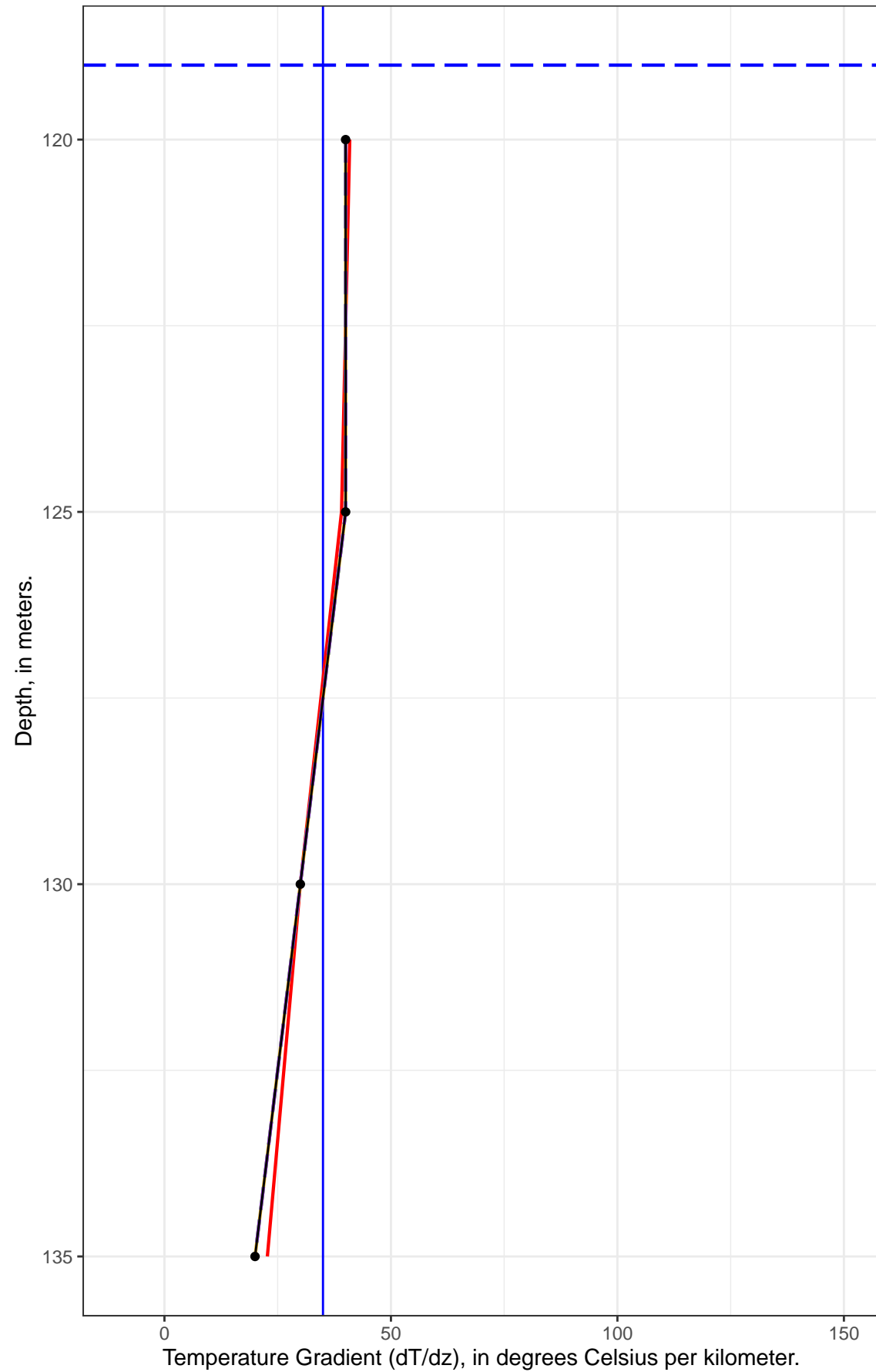
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

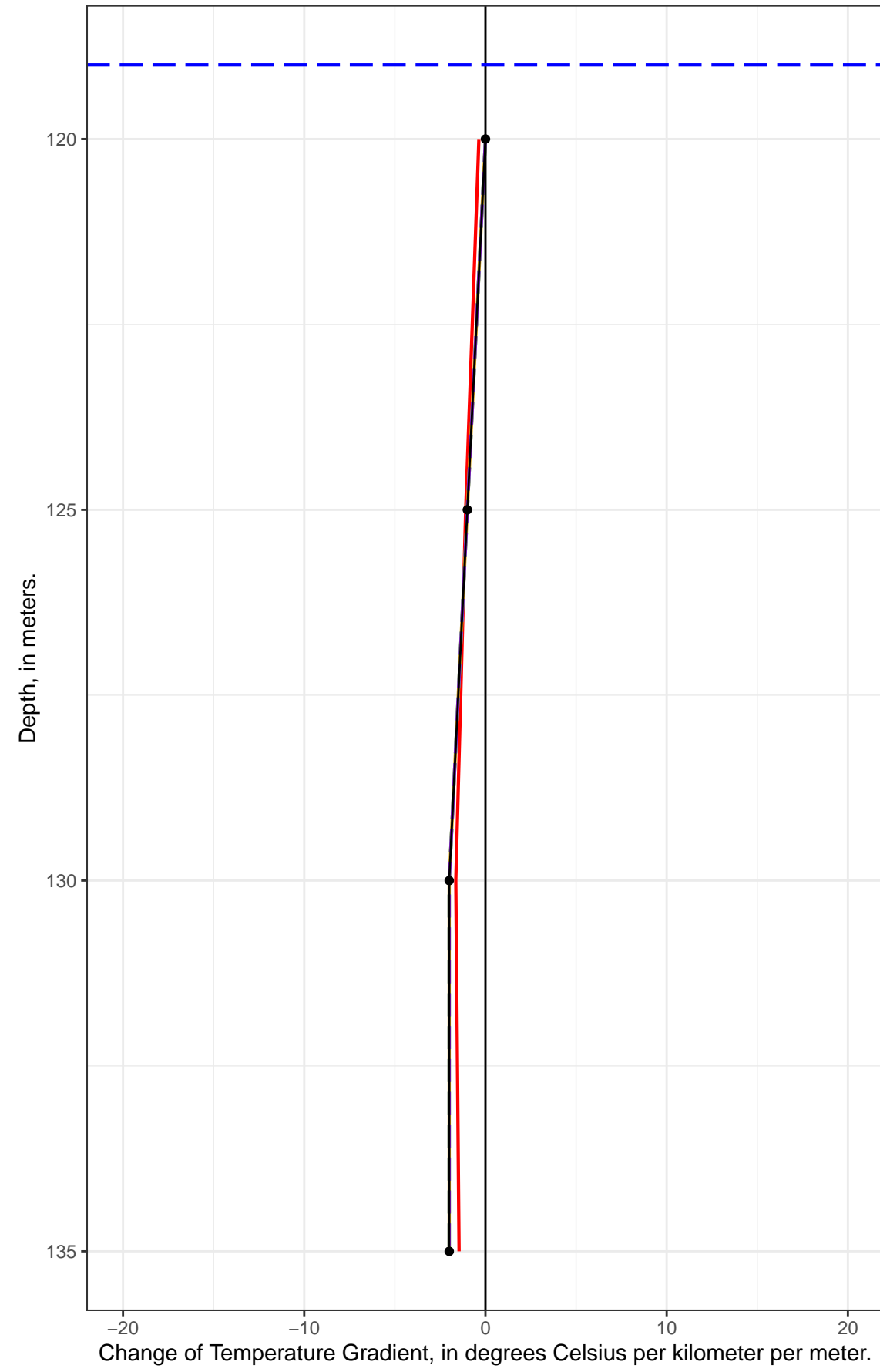
ID: 372 [W_Well_East_of_Vado] Smoothed Profile



ID: 372 [W_Well_East_of_Vado] First Derivative



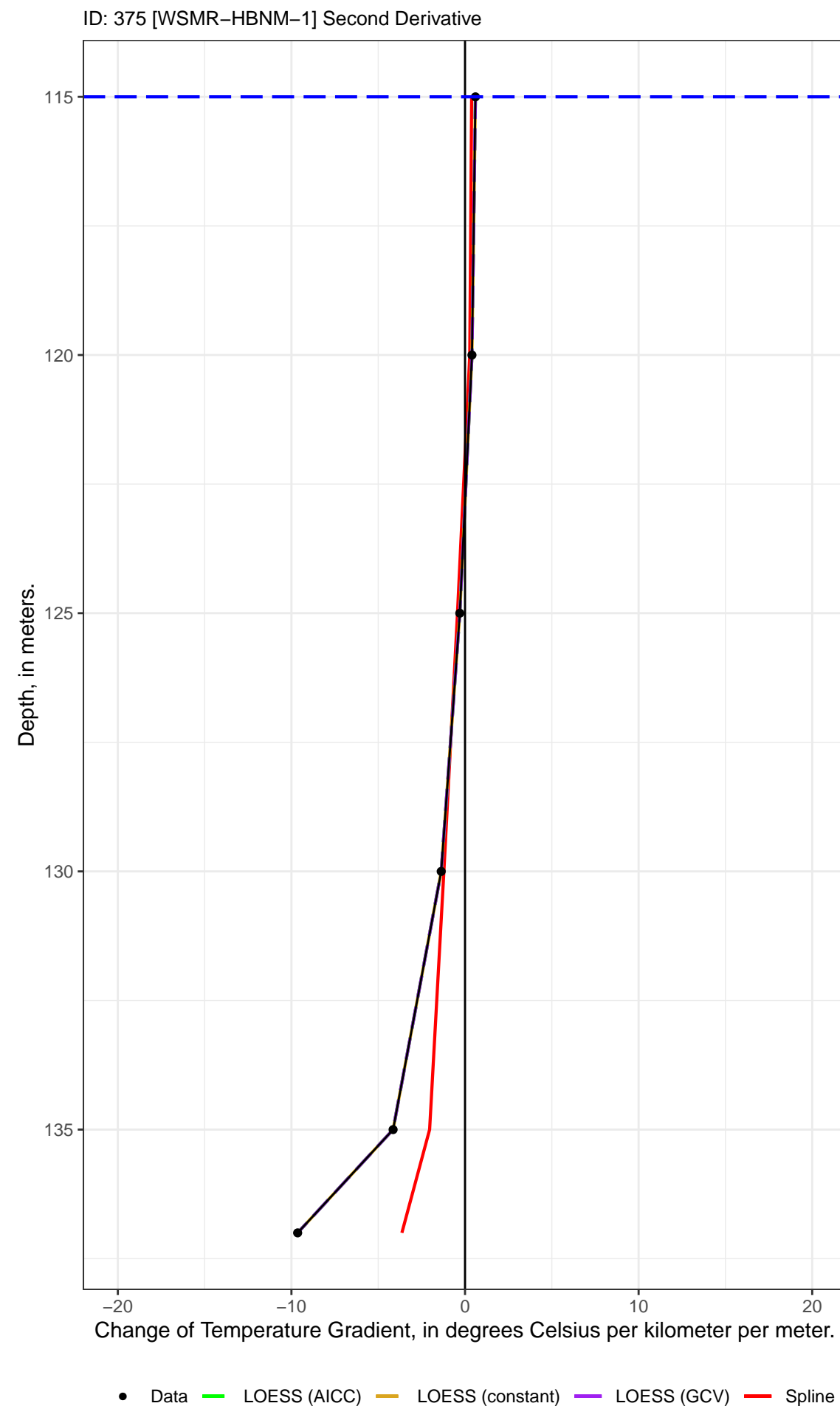
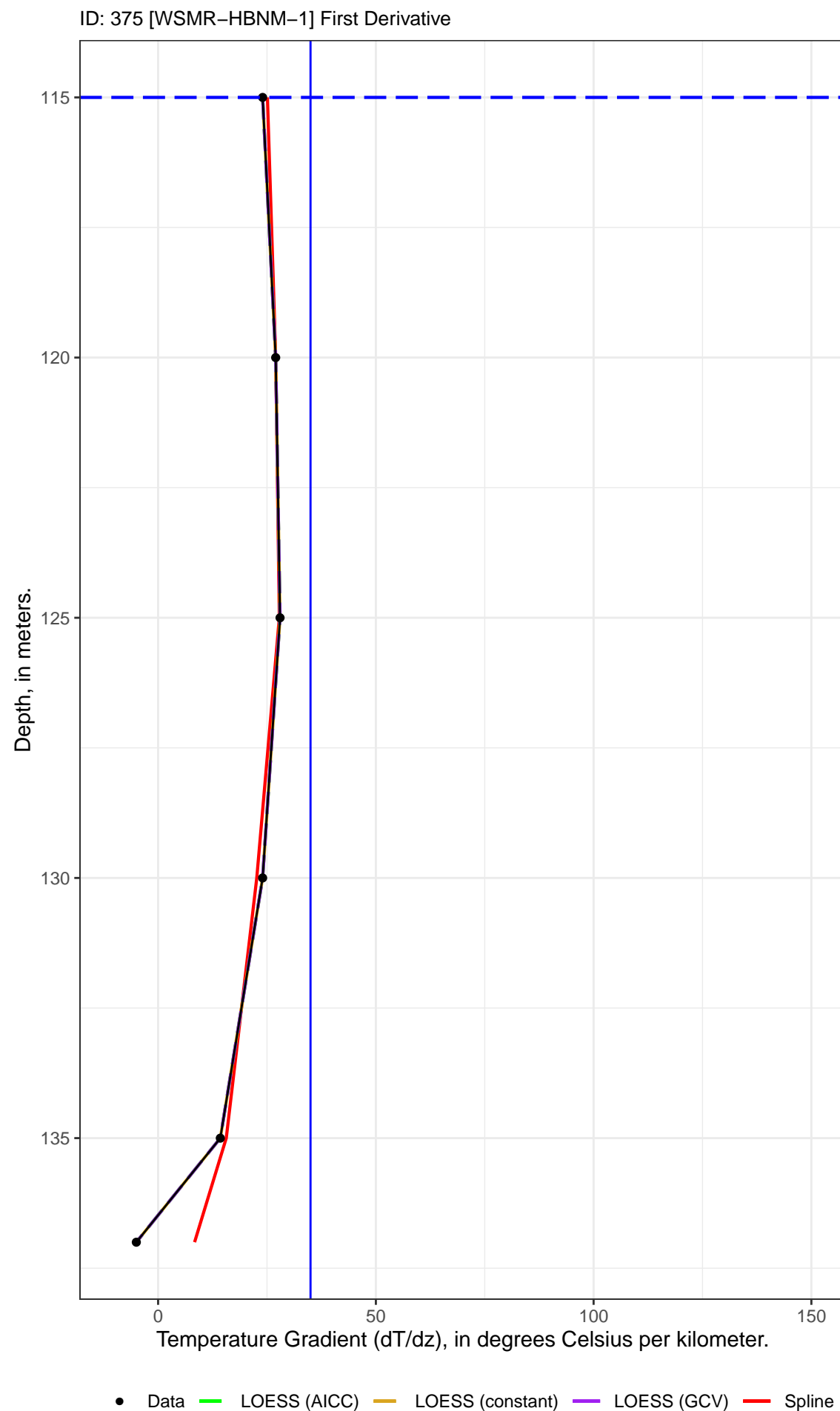
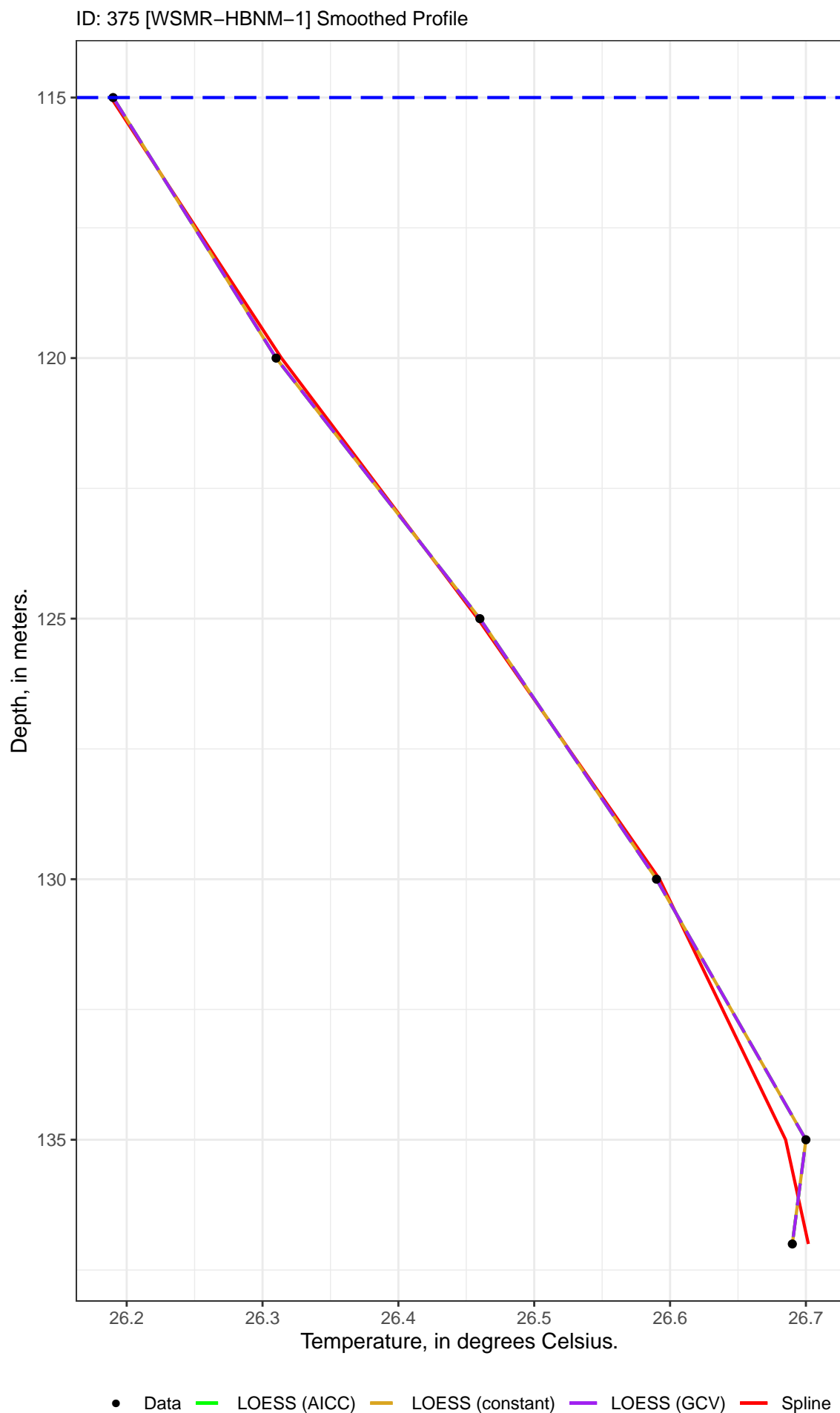
ID: 372 [W_Well_East_of_Vado] Second Derivative

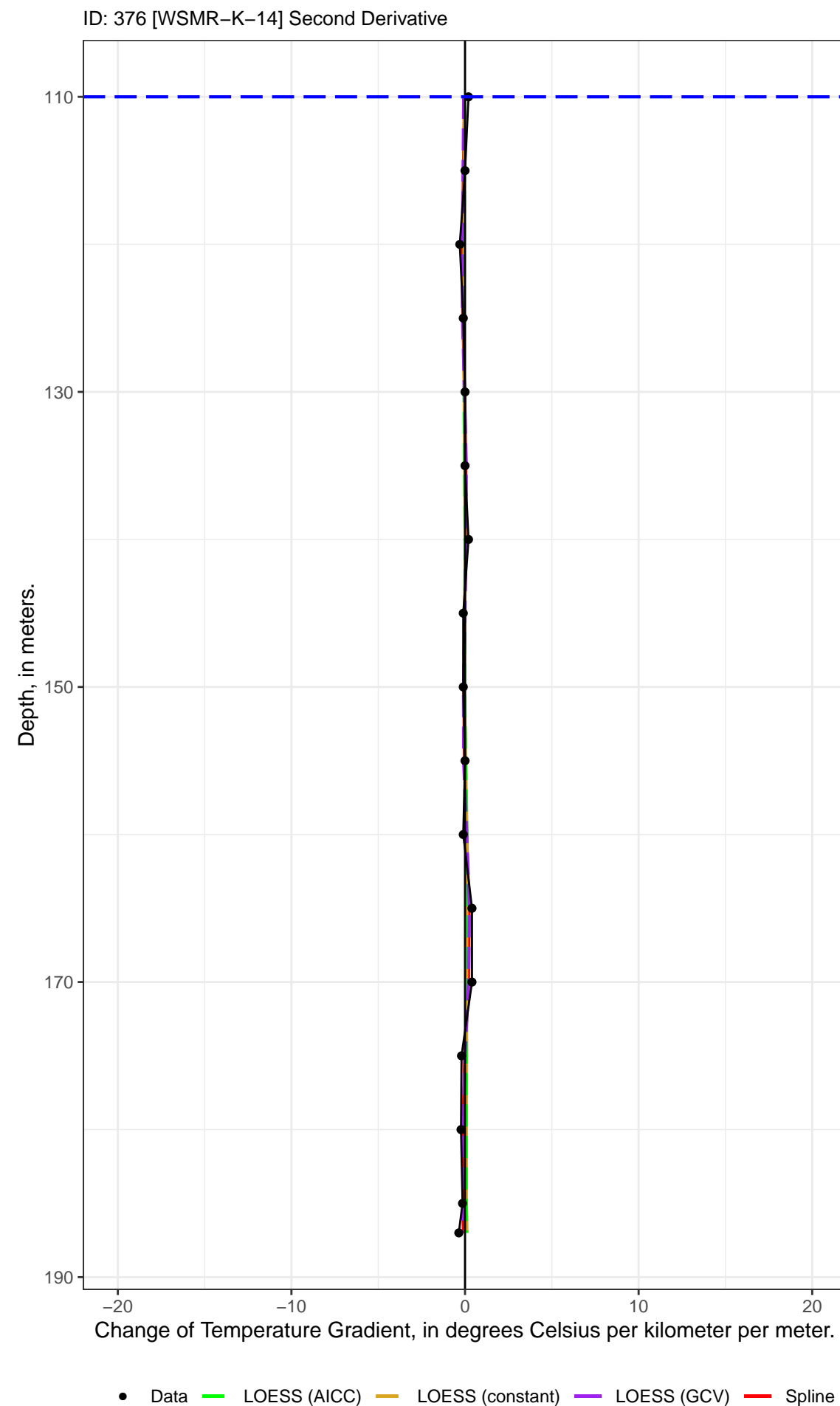
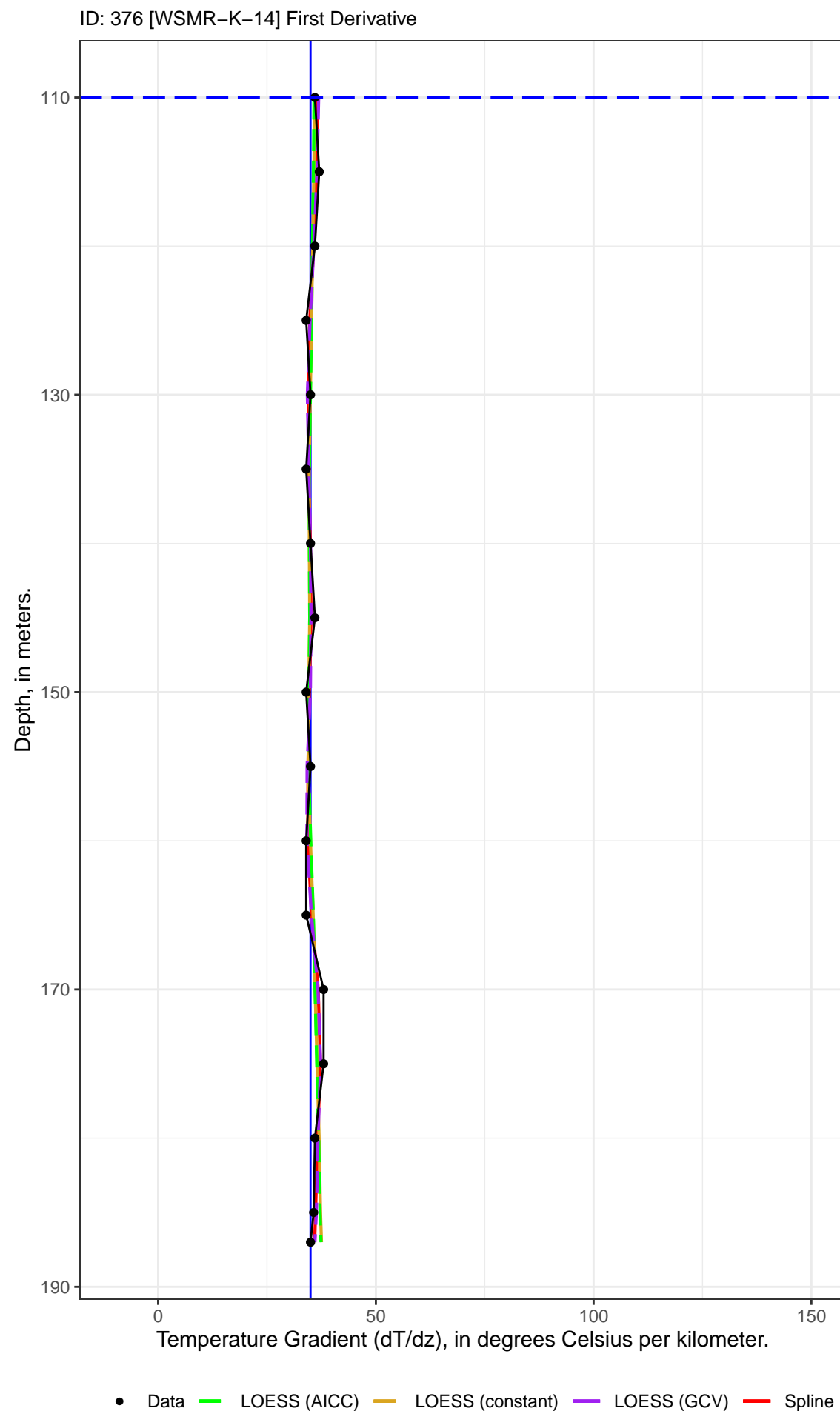
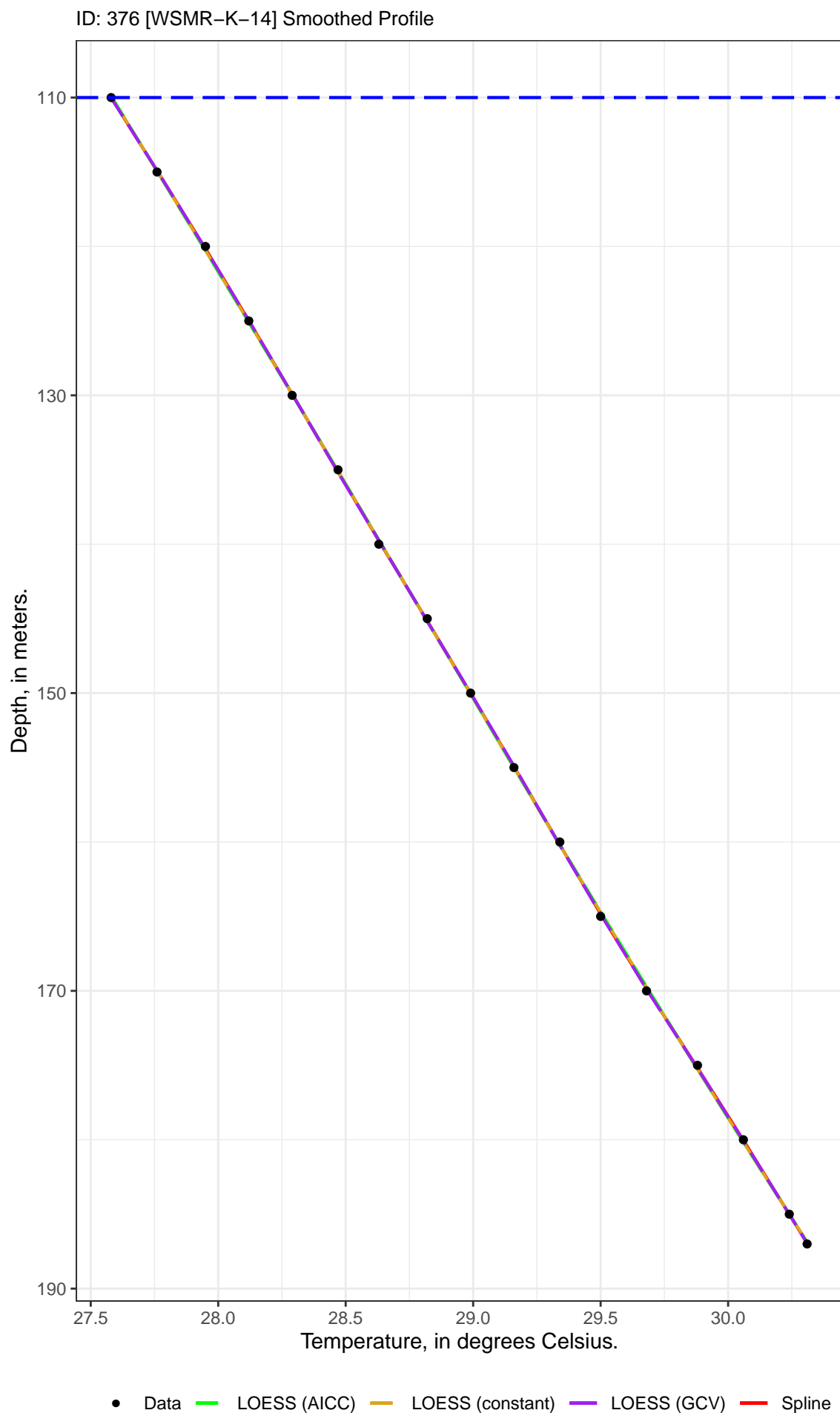


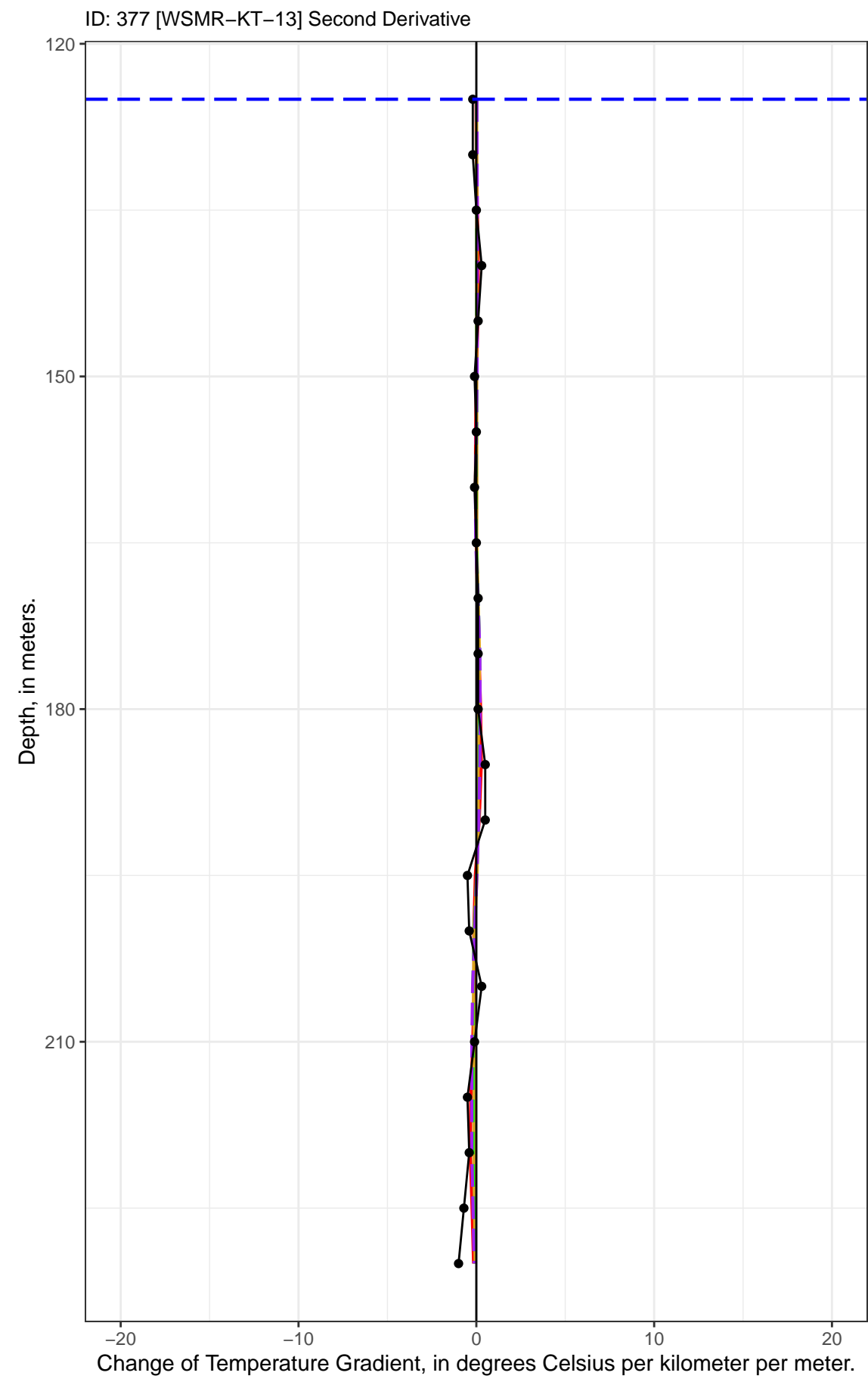
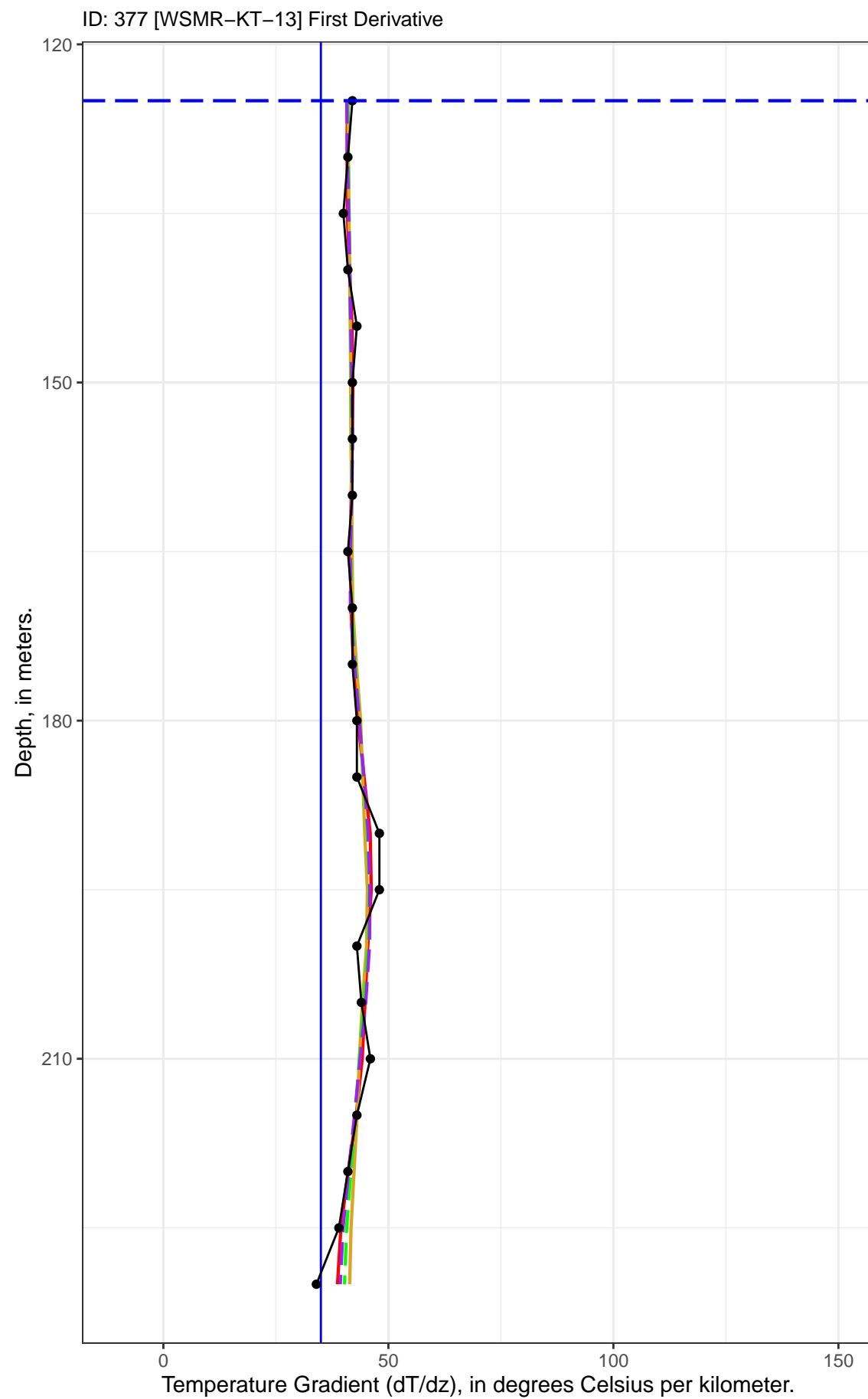
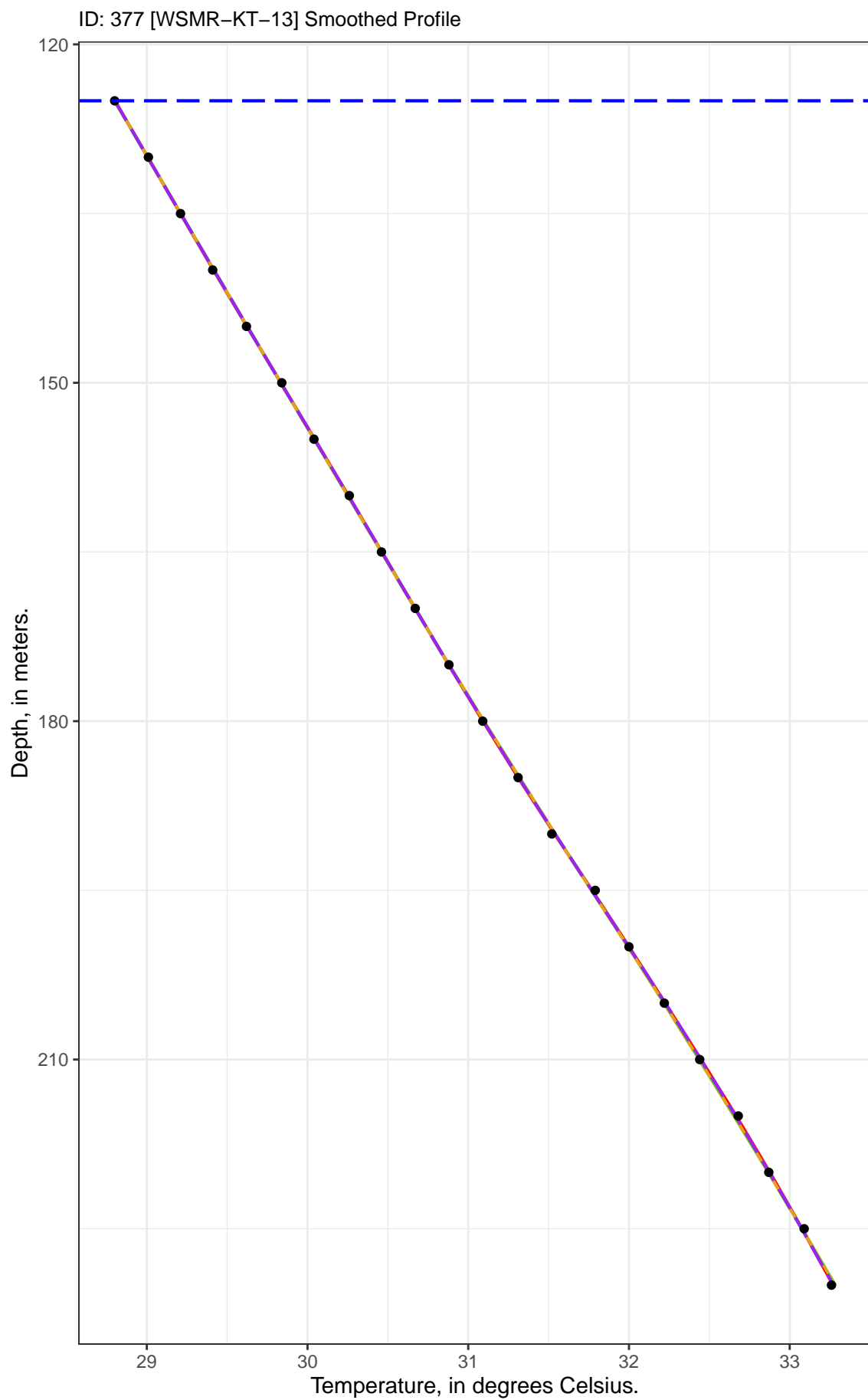
• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline

• Data — LOESS (AICC) — LOESS (constant) — LOESS (GCV) — Spline







• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline

• Data • LOESS (AICC) • LOESS (constant) • LOESS (GCV) • Spline