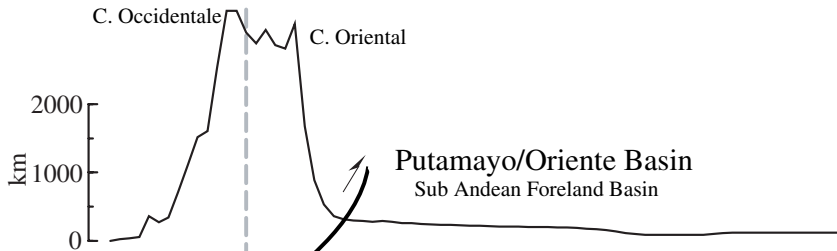


a) Topography



b)  $T_e$  Variation



c) Bouguer Gravity

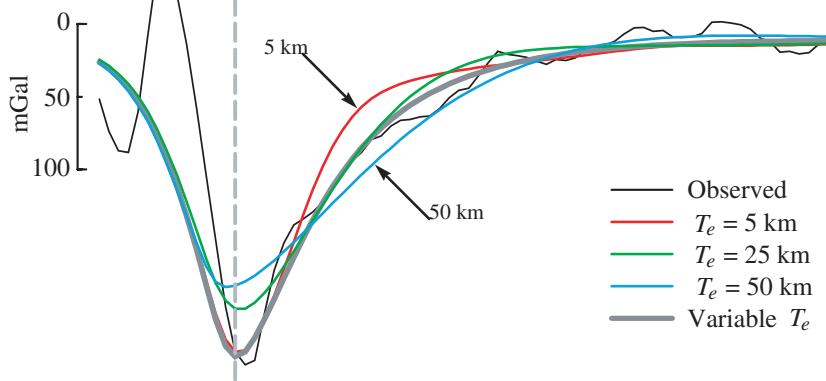


Fig. 7.50. Comparison of observed and calculated Bouguer gravity anomalies along a profile of the sub-Andean thrust and fold belt in Ecuador. The observed anomalies are based on a compilation by GETECH. The calculated anomalies are based on a broken plate model which is subject to a surface (topographic) load and an additional shear force of  $0.50 \times 10^{12} \text{ N m}^{-1}$  that has been applied at the plate break. (a) Topography, (b) variation in  $T_e$  and (c) Bouguer gravity anomalies. Reproduced from Fig. 7 of Stewart and Watts (1997).