



Continental Margin Deformation along the Andean Subduction zone: Thermomechanical Models

Muriel Gerbault, José Cembrano, Mpodozis Constantino, Farias Marcelo, Pardo Mario

► To cite this version:

Muriel Gerbault, José Cembrano, Mpodozis Constantino, Farias Marcelo, Pardo Mario. Continental Margin Deformation along the Andean Subduction zone: Thermomechanical Models. *Physics of the Earth and Planetary Interiors*, 2009, 177, pp.180-205. 10.1016/j.pepi.2009.09.001 . ird-00529246

HAL Id: ird-00529246

<https://ird.hal.science/ird-00529246>

Submitted on 25 Oct 2010

HAL is a multi-disciplinary open access archive for the deposit and dissemination of scientific research documents, whether they are published or not. The documents may come from teaching and research institutions in France or abroad, or from public or private research centers.

L'archive ouverte pluridisciplinaire **HAL**, est destinée au dépôt et à la diffusion de documents scientifiques de niveau recherche, publiés ou non, émanant des établissements d'enseignement et de recherche français ou étrangers, des laboratoires publics ou privés.

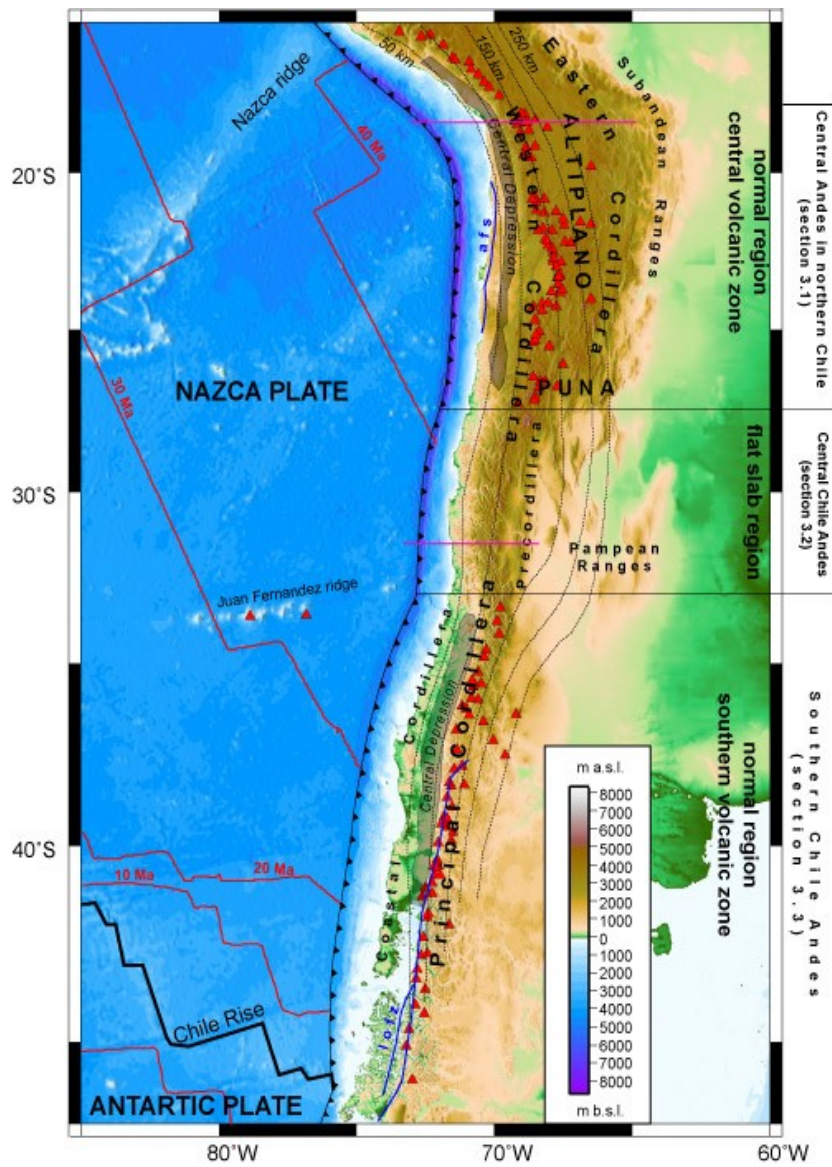


FIGURE 1

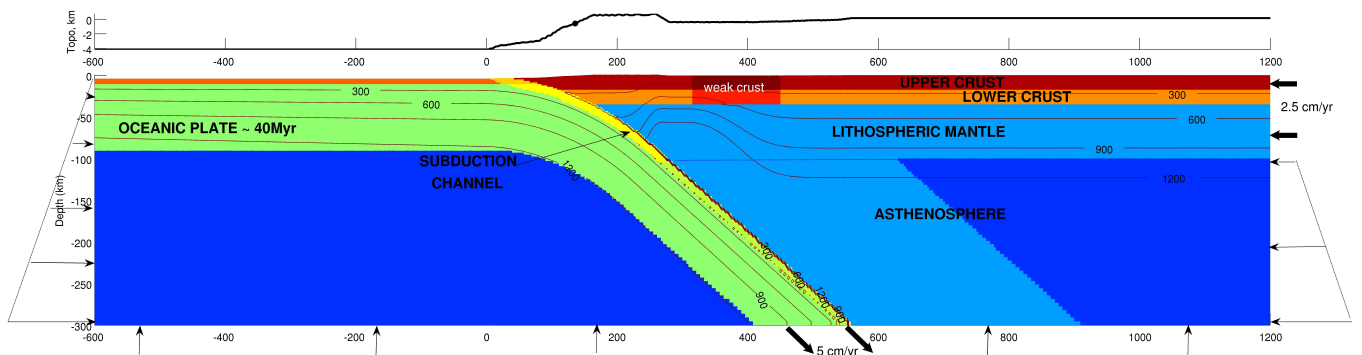


FIGURE 2

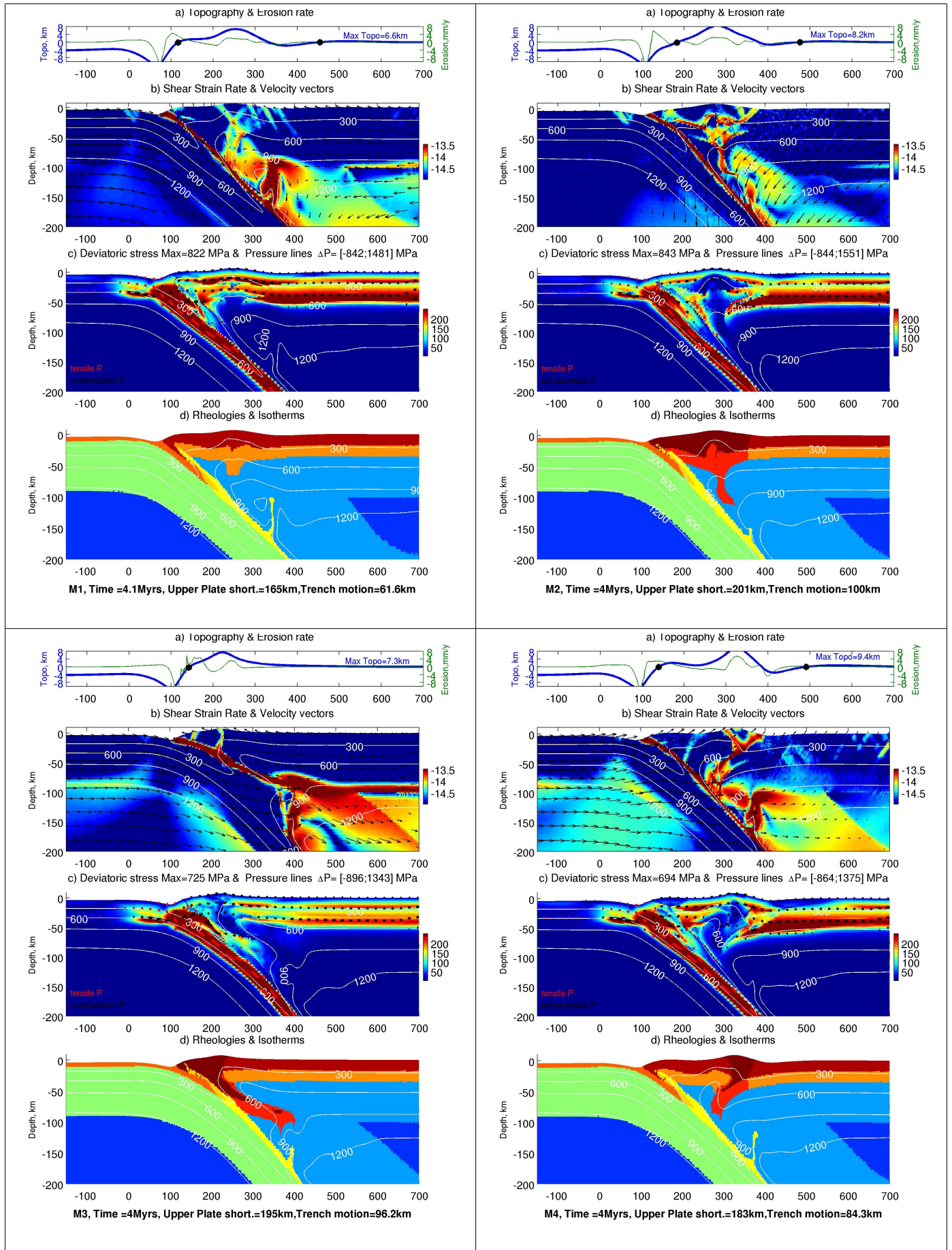


FIGURE 3

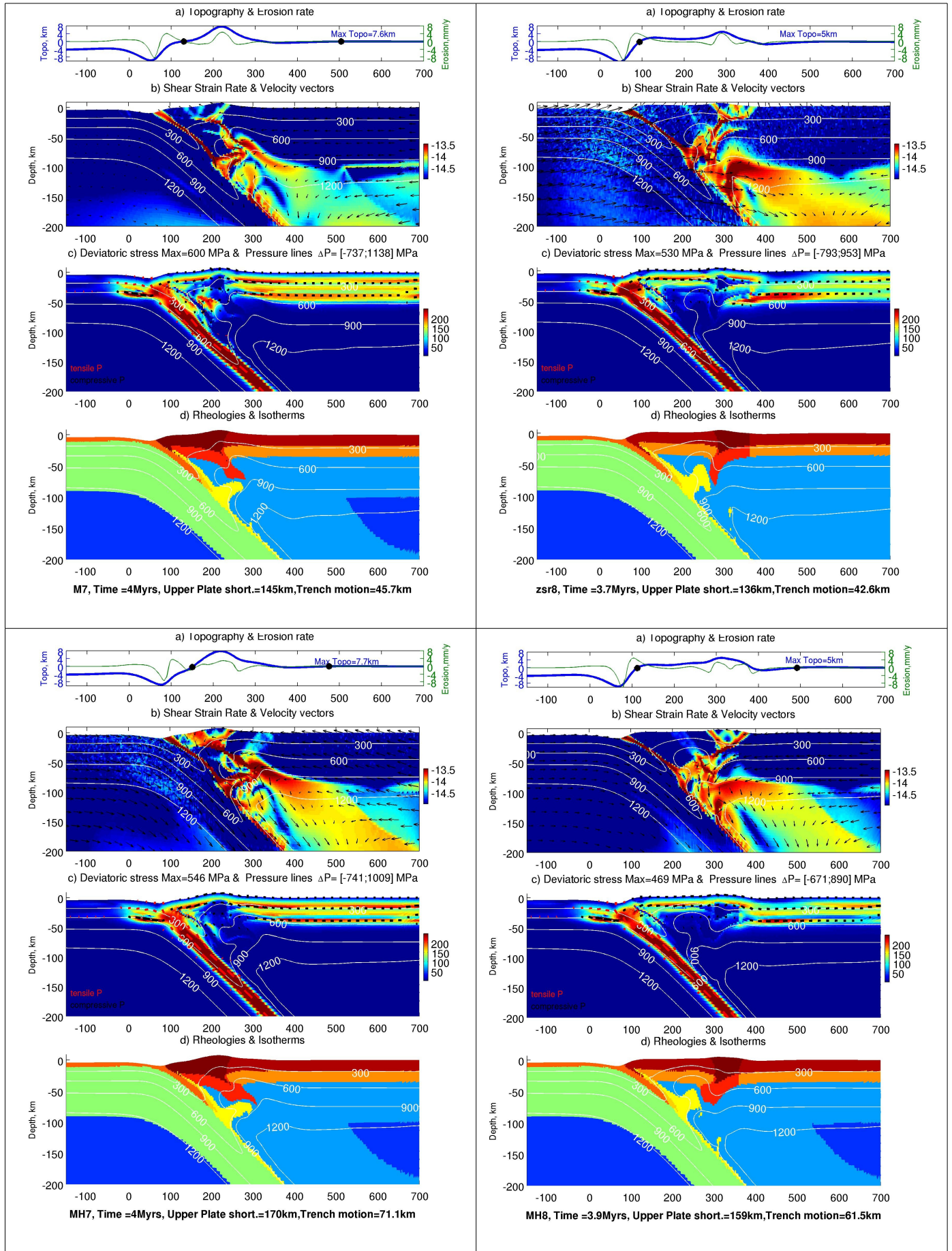
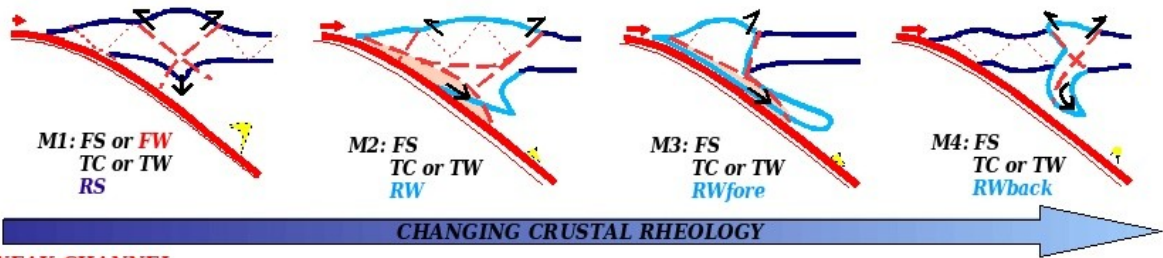
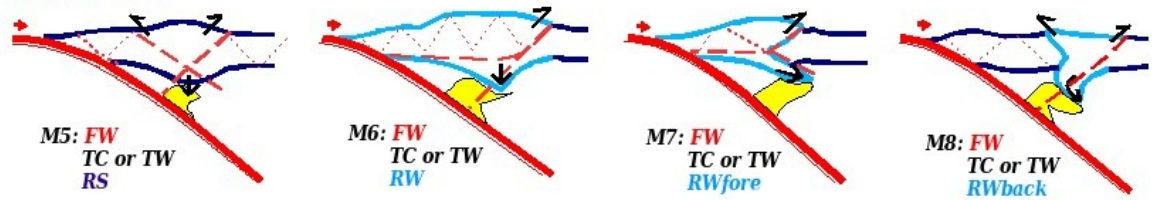


FIGURE 4

*** STRONG CHANNEL**



*** WEAK CHANNEL**



*** ALTERNATE EFFECTS**



FIGURE 5

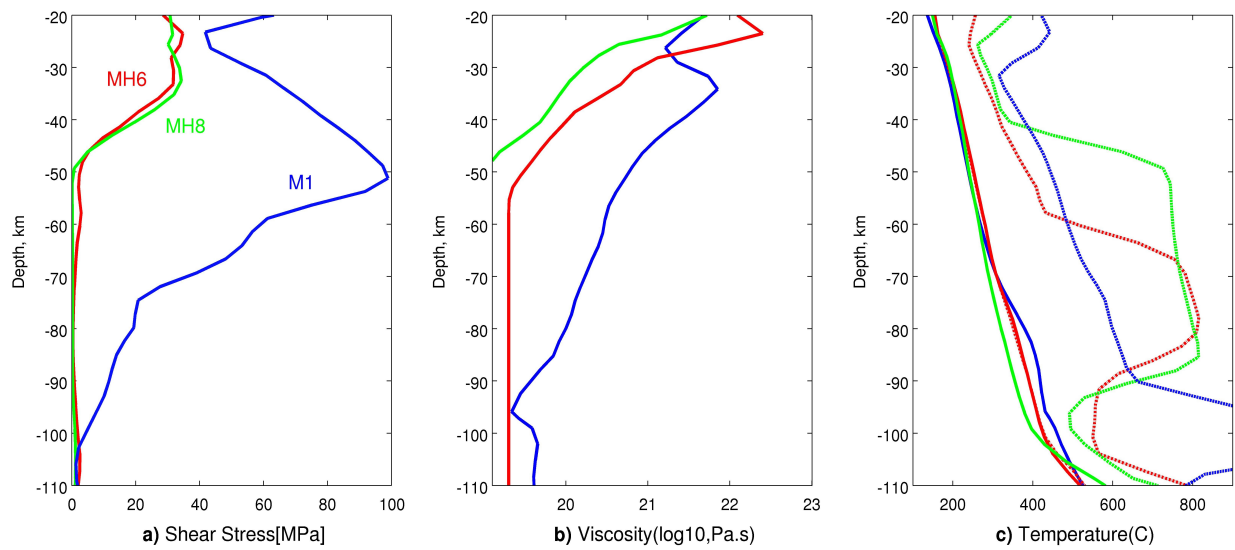


FIGURE 6

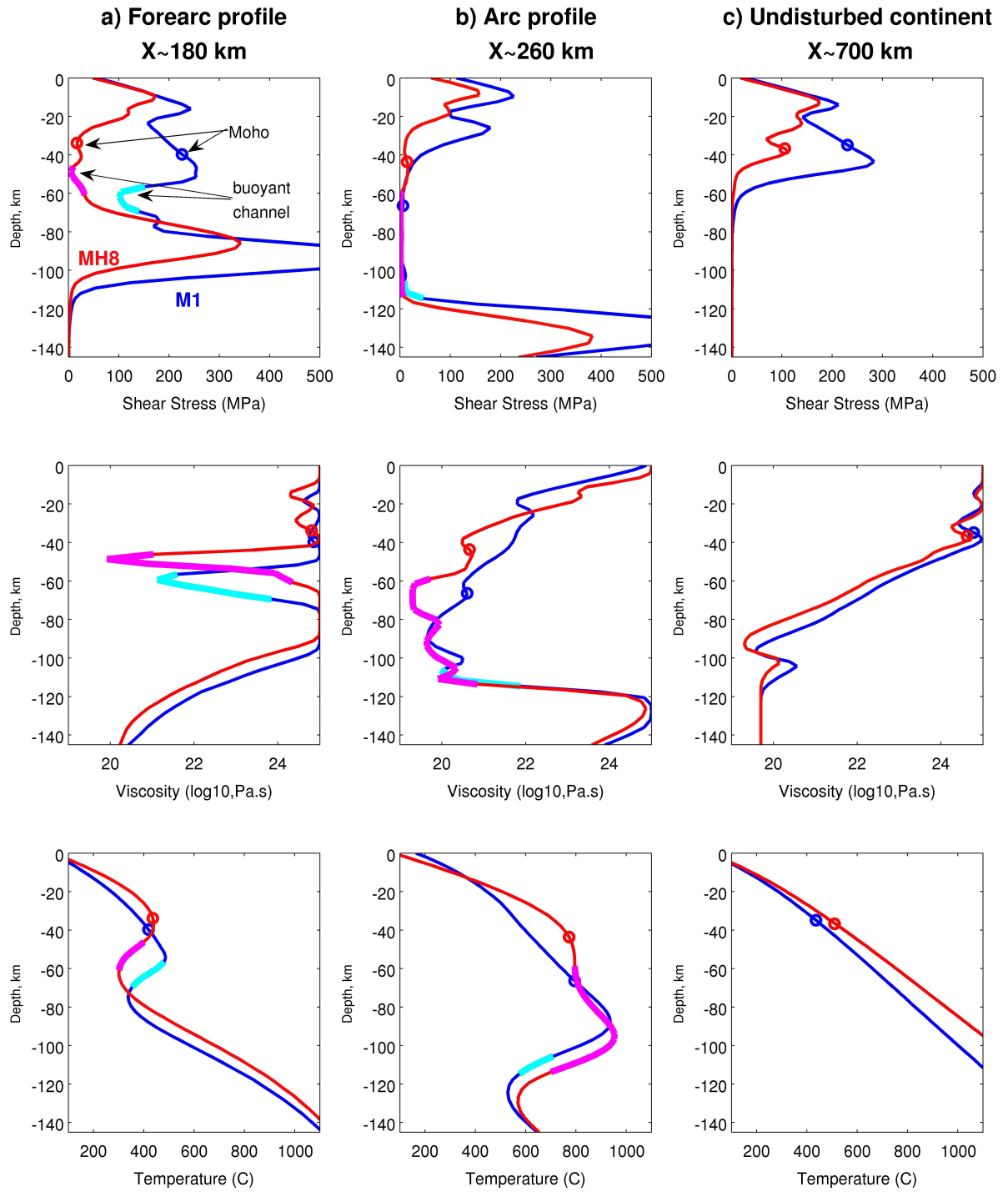


FIGURE 7

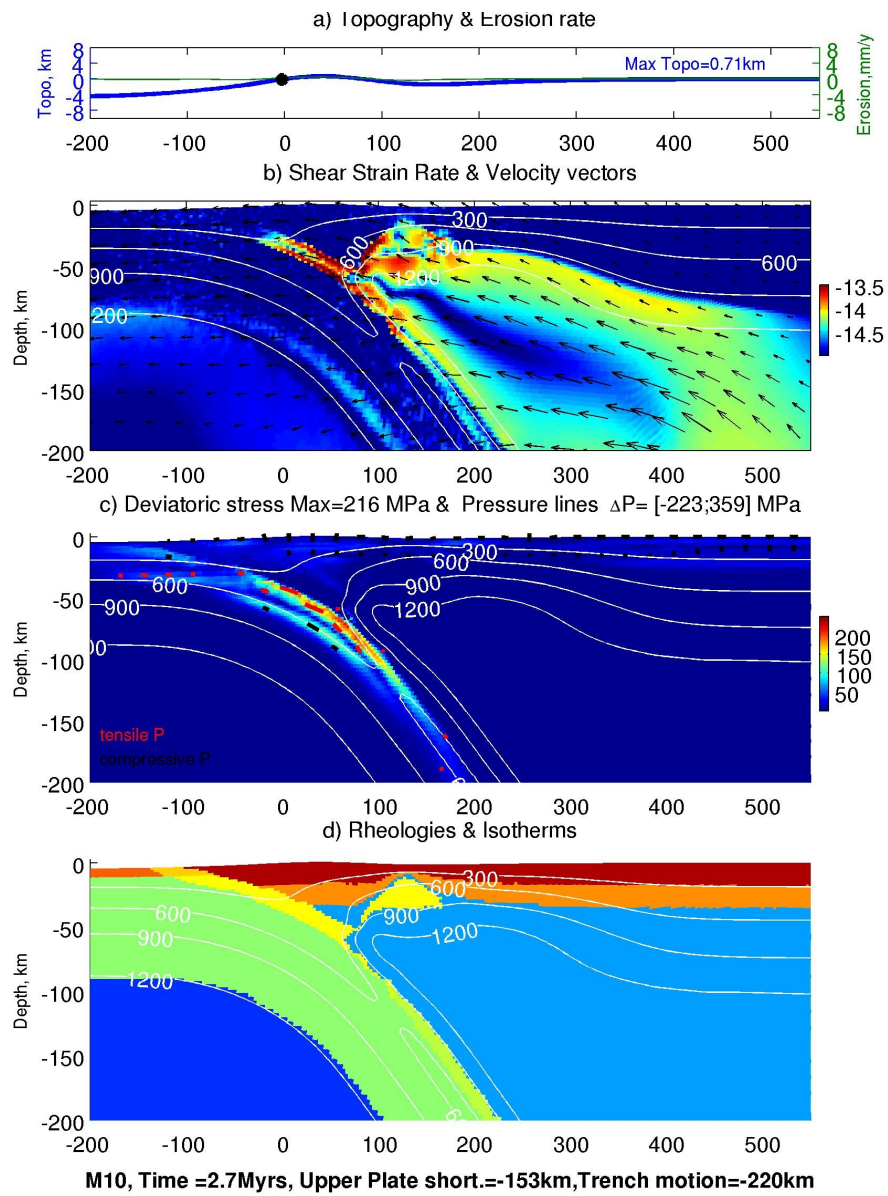


FIGURE 8

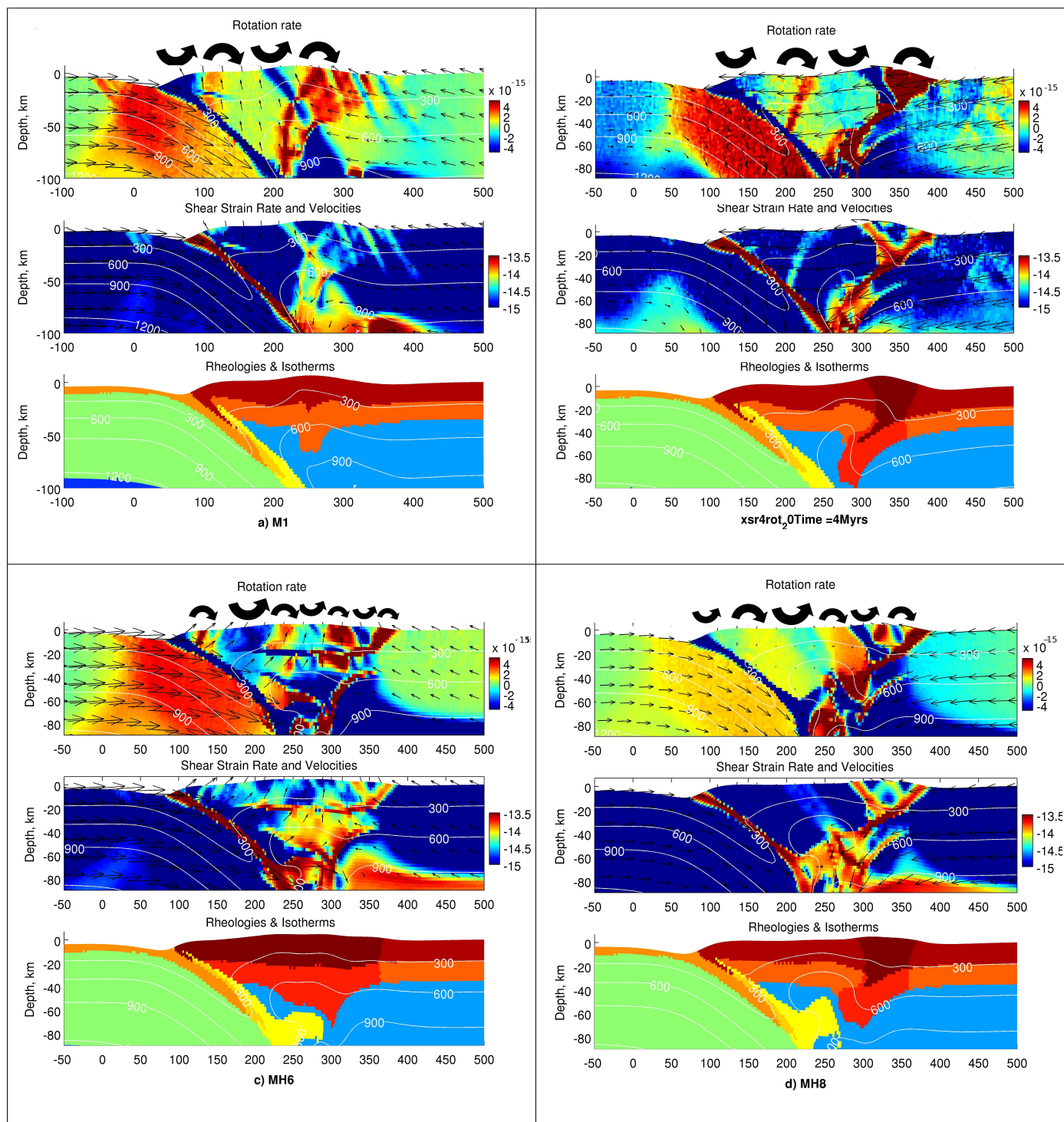


FIGURE 9

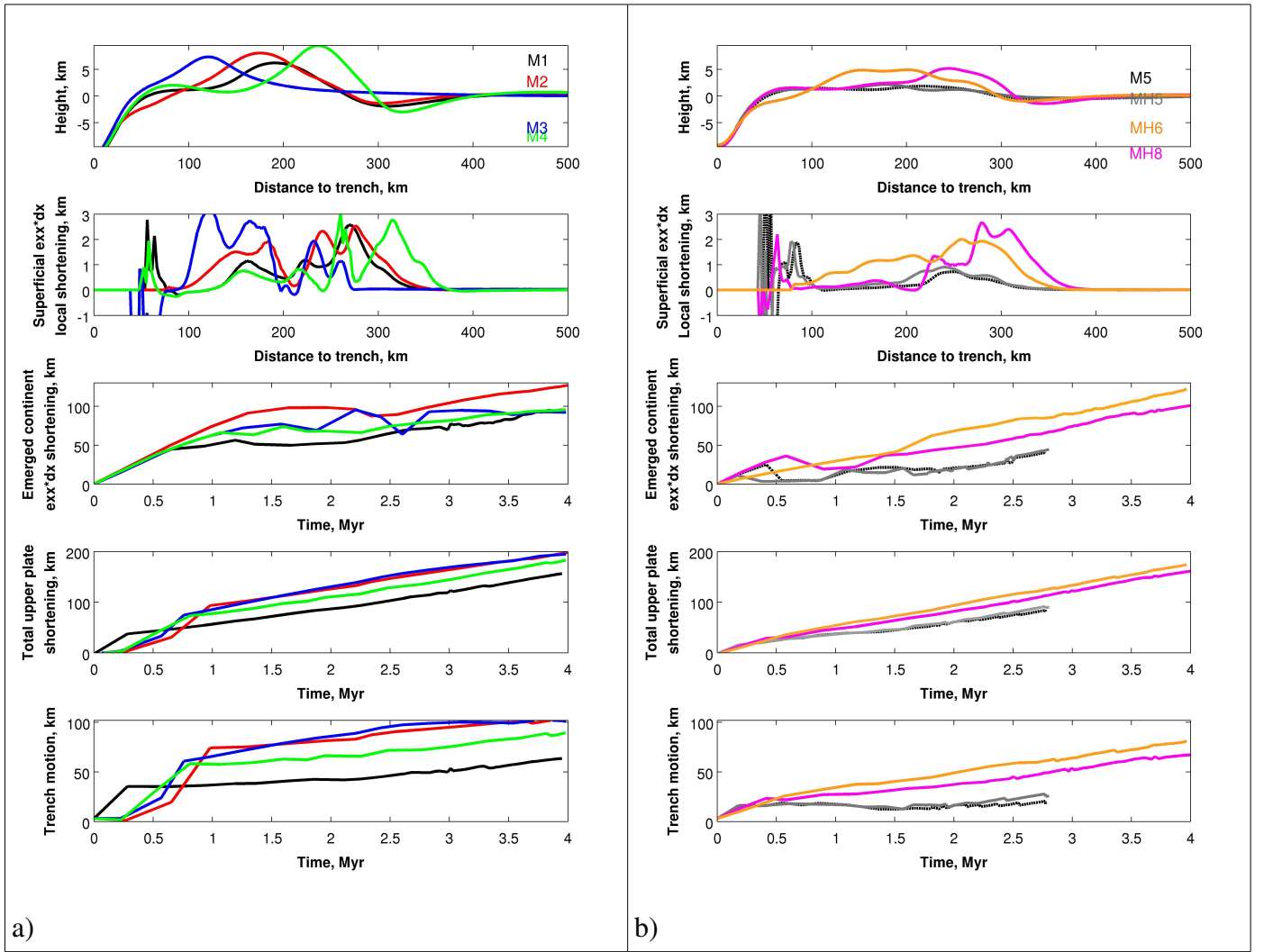


FIGURE 10

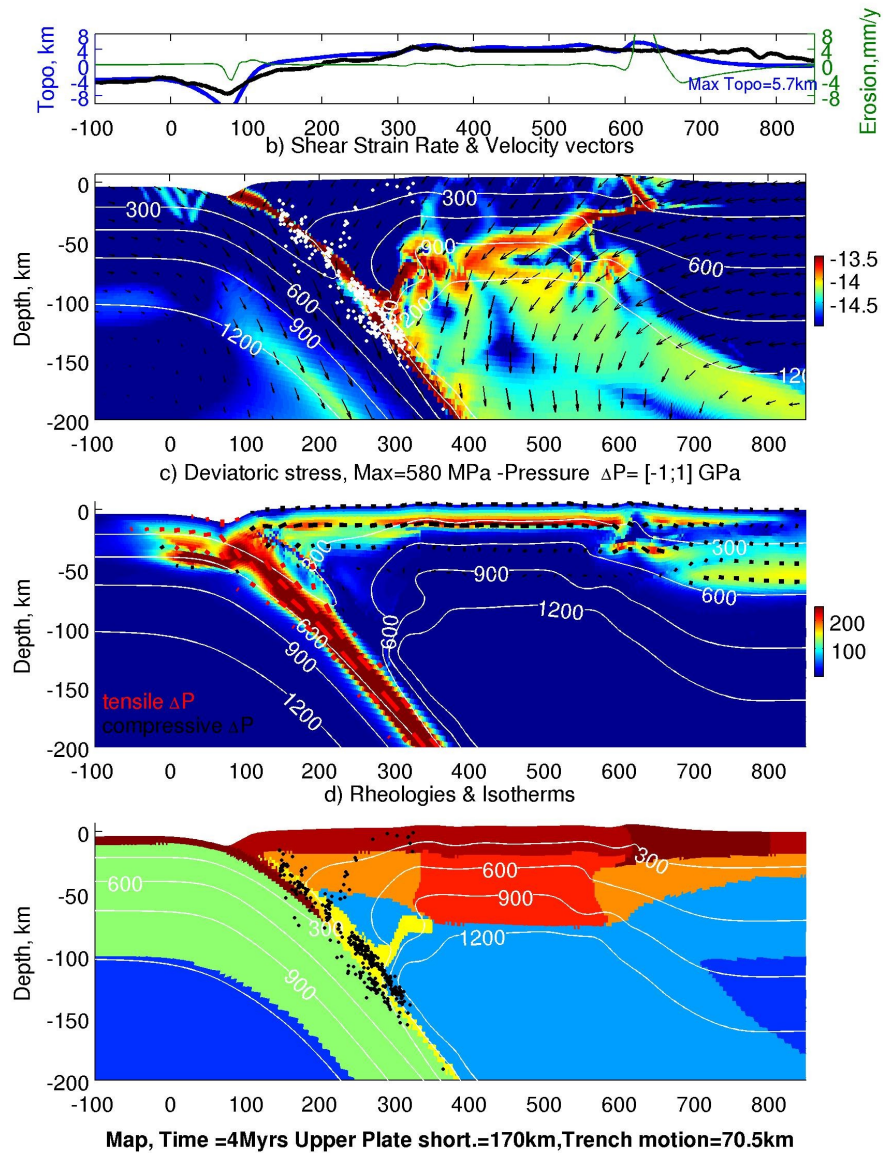


FIGURE 11

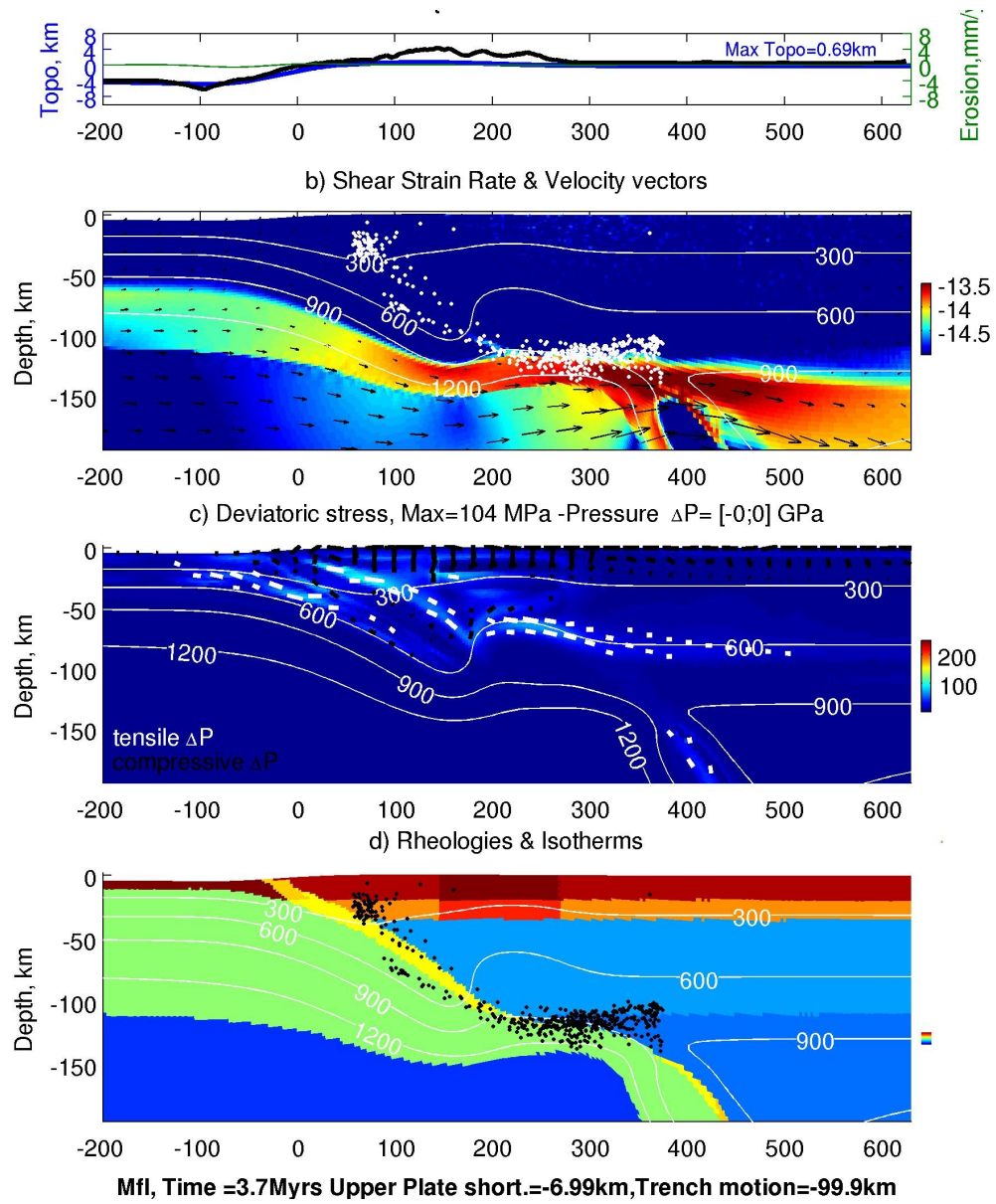


FIGURE 12

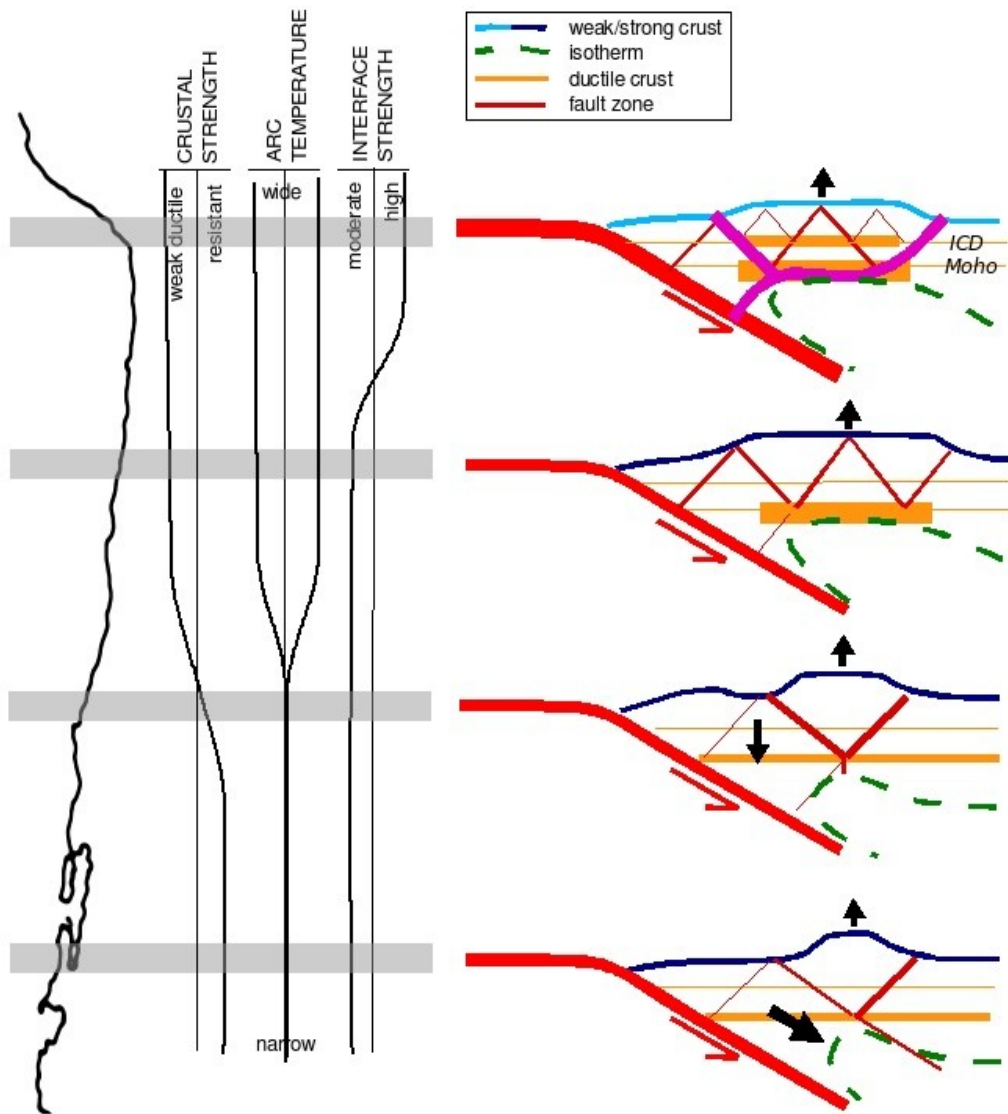


FIGURE 13