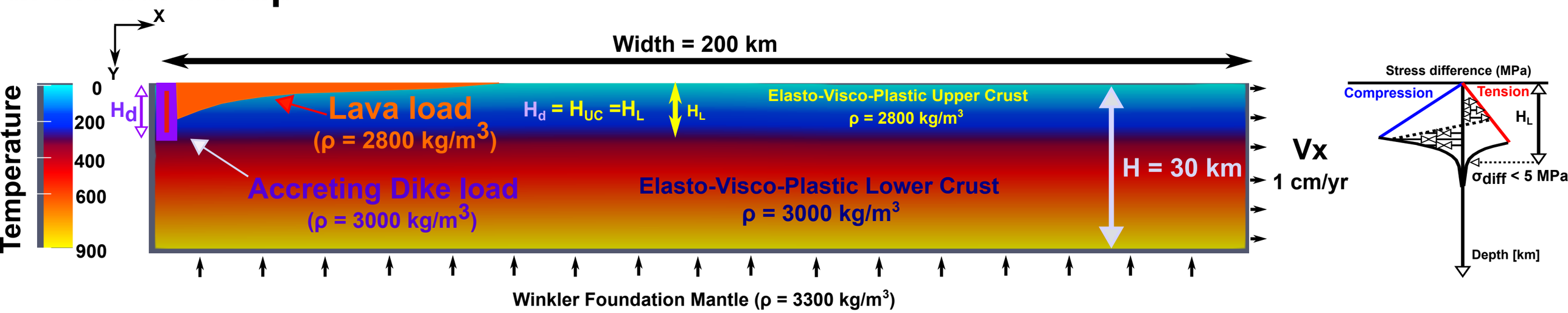
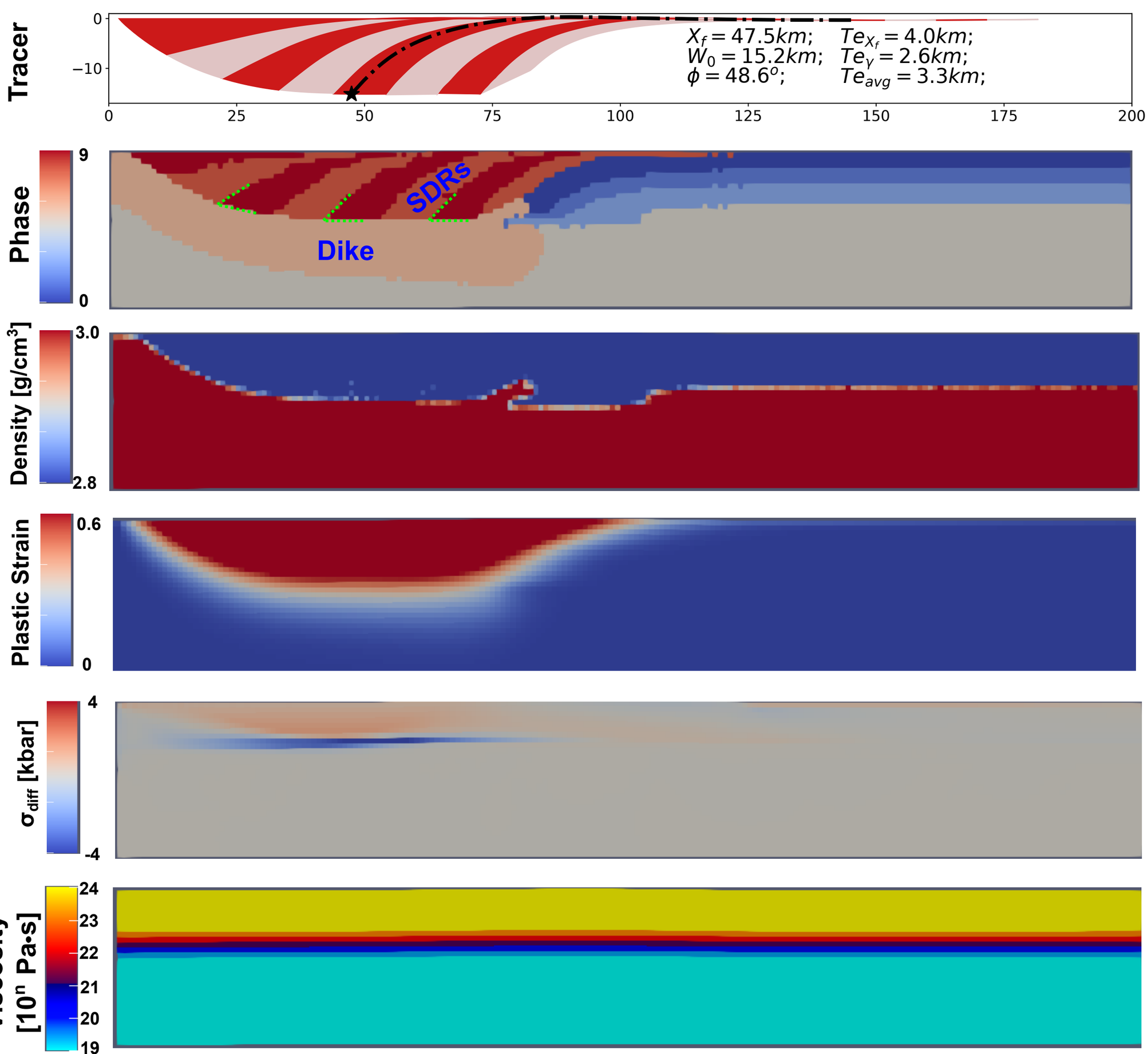
a. Model Setup



b. Model Results for H_L = 10 km at 80 km of extension: