Figure 1: Shear stress in the boundary layer for a parabolic distribution of the temperature in the interaction region
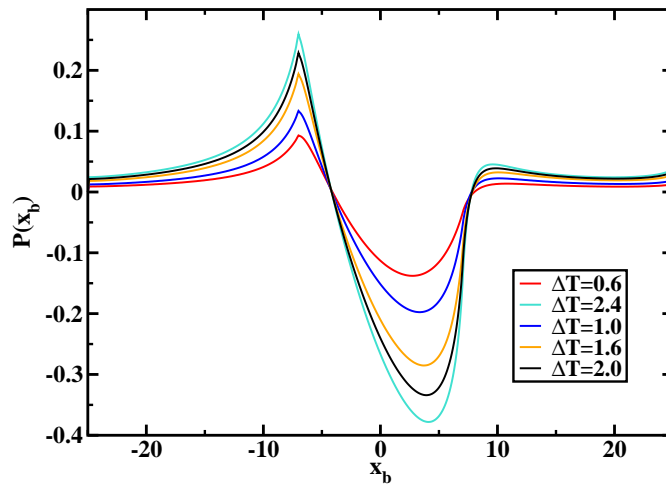

Figure 2: pressure in the boundary layer for a parabolic distribution of the temperature in the interaction region
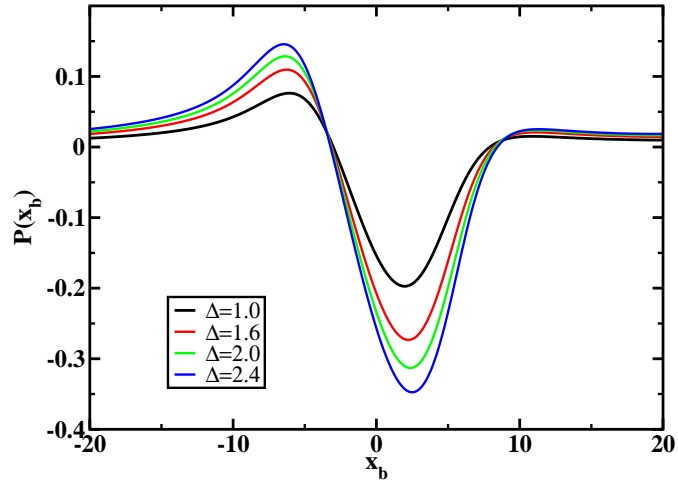
Figure 3: pressure in the boundary layer for a gaussian-like distribution of the temperature in the interaction region. The temperature profile has the form $T(x_b, 0) = \Delta \exp(-x_b^2/16)$.
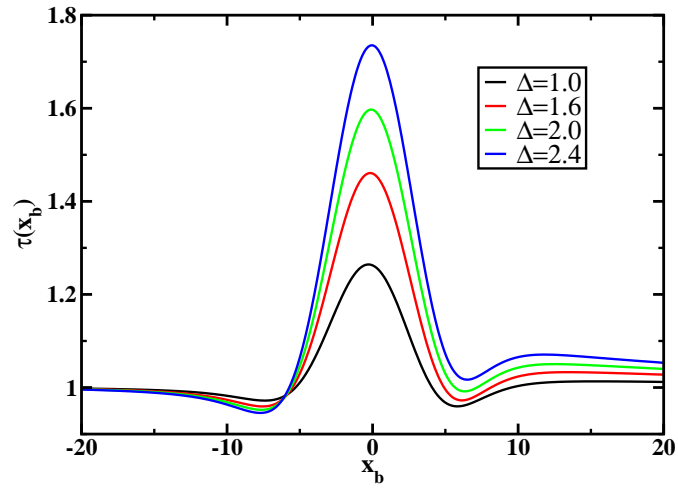

Figure 4: shear stress in the boundary layer for a gaussian-like distribution of thetemperature in the interaction region. The temperature profile has the form $T(x_b, 0) = \Delta \exp(-x_b^2/16)$.
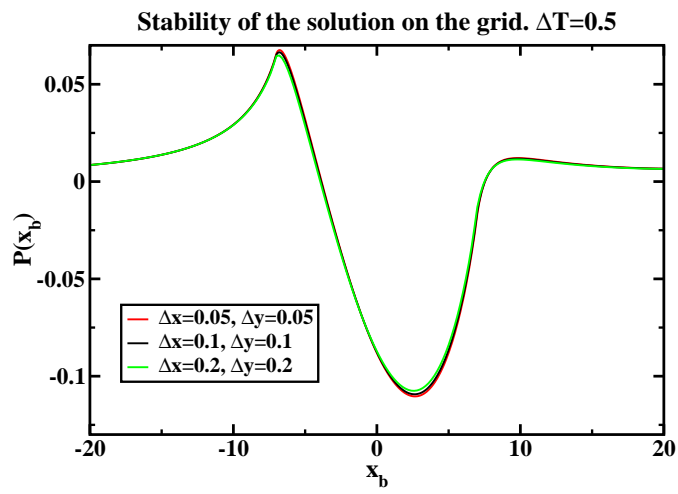
Figure 5: Computations done for different grid sizes demonstrate independence of the solution from the grid