Figure 7: Profiles of the velocity \( v(r, t) \) and the shear stress \( \tau(r, t) \) given by Eqs. (20) and (24), for \( R_1 = 0.3, R_2 = 0.6, f = -2, \nu = 0.005, \mu = 5, \lambda_1 = 3, \lambda_3 = 2, \lambda_4 = 12, t = 20s \) and different values of \( \lambda_2 \).

Figure 8: Profiles of the velocity \( v(r, t) \) and the shear stress \( \tau(r, t) \) given by Eqs. (20) and (24), for \( R_1 = 0.3, R_2 = 0.6, f = -2, \nu = 0.005, \mu = 5, \lambda_1 = 3, \lambda_2 = 2, \lambda_4 = 12, t = 20s \) and different values of \( \lambda_3 \).