



**Figure 1:** Predicted fractions of  $K^0$  and  $\bar{K}^0$  as a function of the time  $t$  of an initially pure  $K^0$  state, for  $\Gamma_S = 1.12 \times 10^{10} \text{ s}^{-1}$ ,  $\Gamma_L = 1.93 \times 10^7 \text{ s}^{-1}$ , and  $\Delta m = 0.535 \times 10^{10} \text{ s}^{-1}$ .