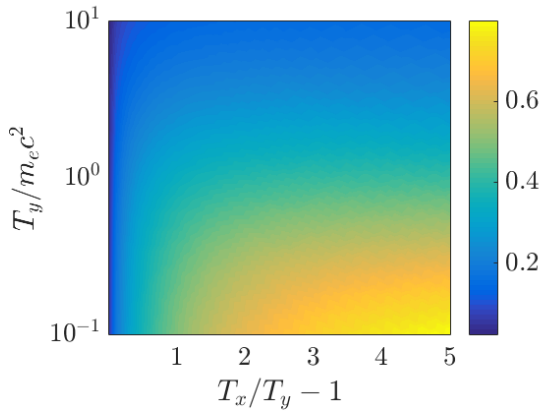


a $k_p c / \omega_{ph} = \alpha_\lambda^{-1}$



b $\Gamma_p / \omega_{ph} = \alpha_\Gamma$

