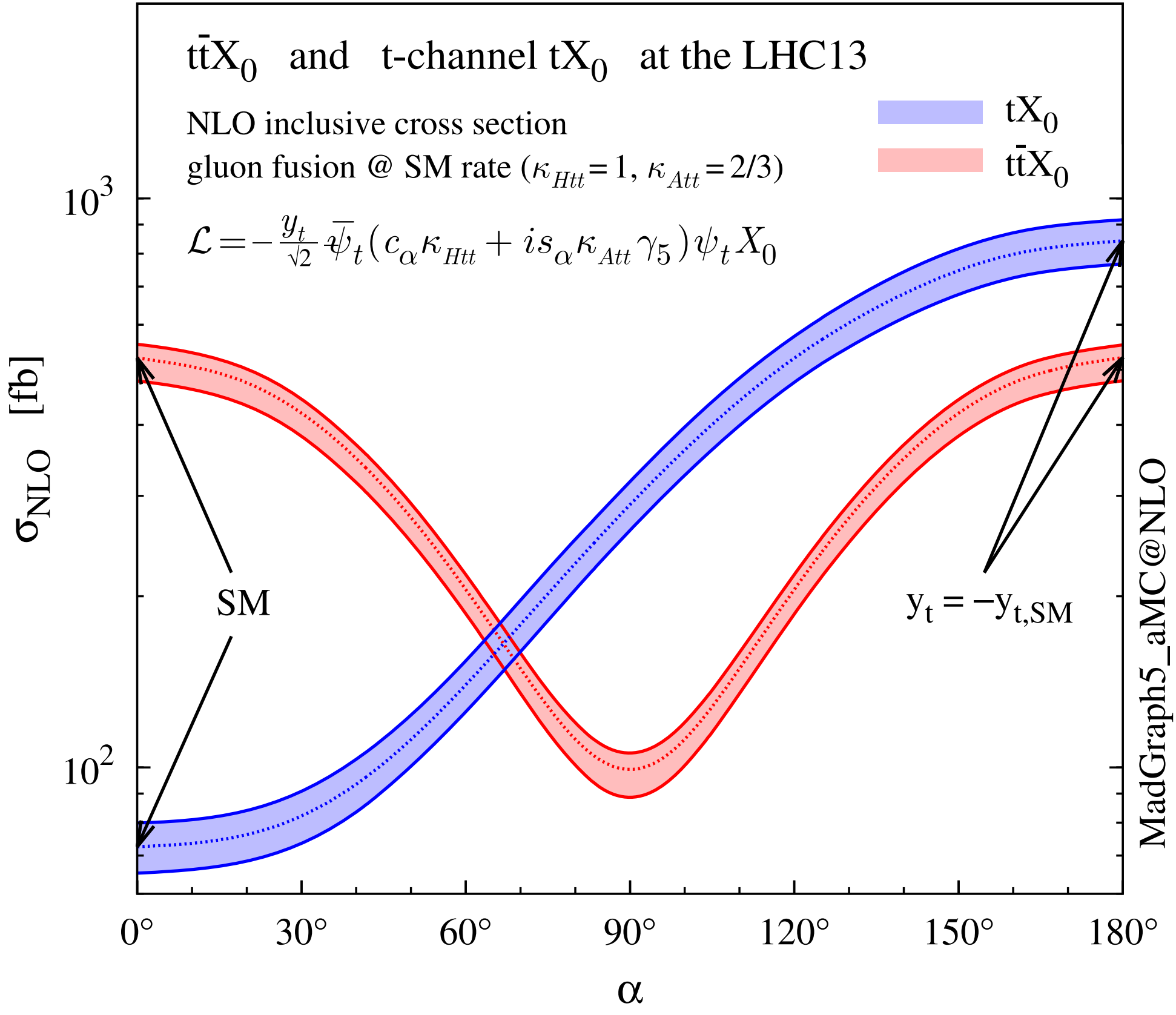
$t\bar{t}X_0$ and t-channel tX_0 at the LHC13
NLO inclusive cross section
gluon fusion @ SM rate ($\kappa_{Htt}=1$, $\kappa_{Att}=2/3$)
$\mathcal{L}=-\frac{y_t}{\sqrt{2}}\bar{\psi}_t(c_\alpha\kappa_{Htt}+is_\alpha\kappa_{Att}\gamma_5)\psi_t X_0$
tX_0
$t\bar{t}X_0$
10^3
10^2
σ_{NLO} [fb]
SM
$y_t = -y_{t,SM}$
MadGraph5_aMC@NLO
0°
30°
60°
90°
120°
150°
180°
α