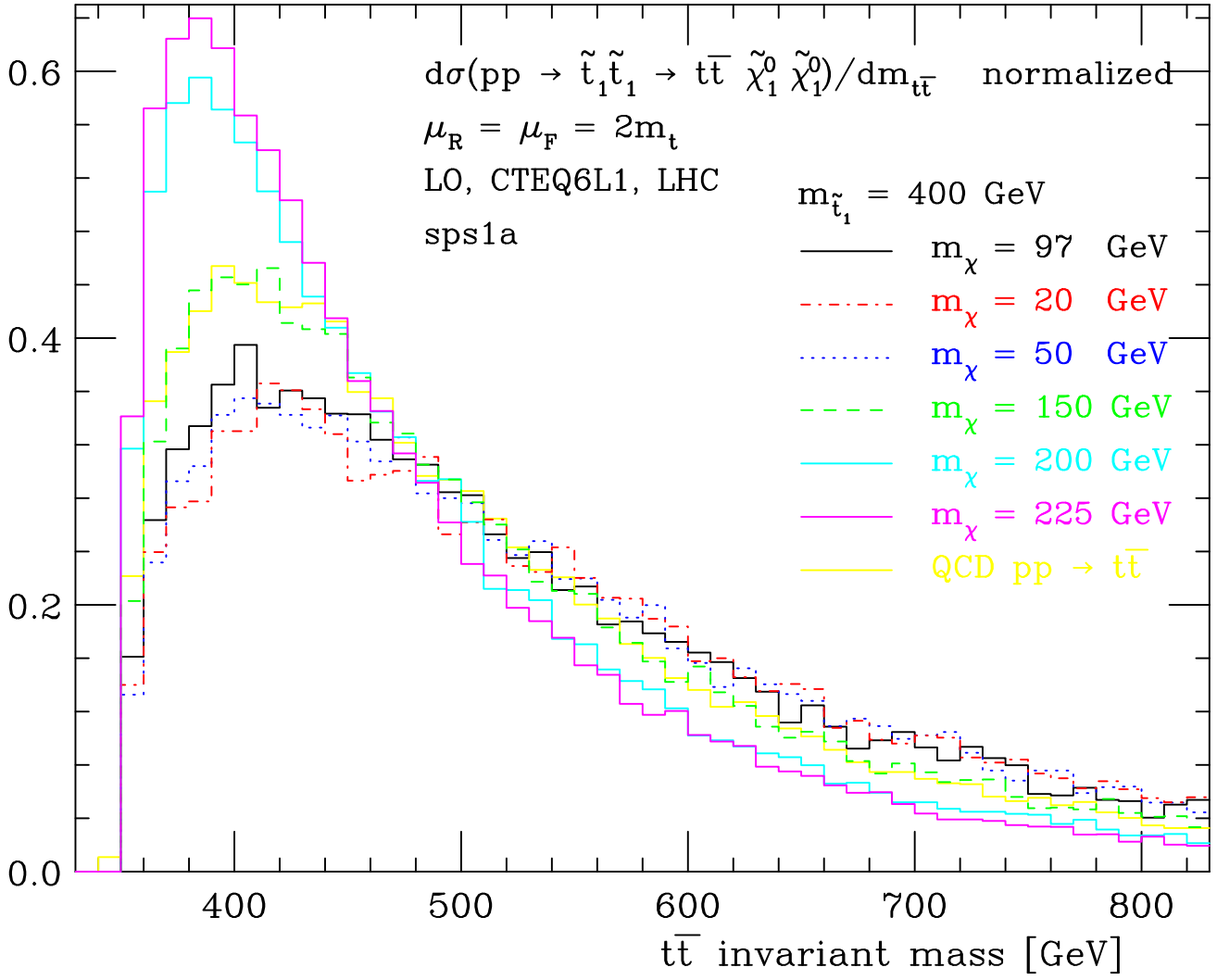
$d\sigma(pp \to \tilde{t}_1\tilde{t}_1 \to t\bar{t}\ \tilde{\chi}_1^0\ \tilde{\chi}_1^0)/dm_{t\bar{t}}$ normalized
$\mu_R = \mu_F = 2m_t$
LO, CTEQ6L1, LHC
sps1a
$m_{\tilde{t}_1}$ = 400 GeV
m_χ = 97 GeV
m_χ = 20 GeV
m_χ = 50 GeV
m_χ = 150 GeV
m_χ = 200 GeV
m_χ = 225 GeV
QCD pp → $t\bar{t}$
0.0
0.2
0.4
0.6
400
500
600
700
800
$t\bar{t}$ invariant mass [GeV]