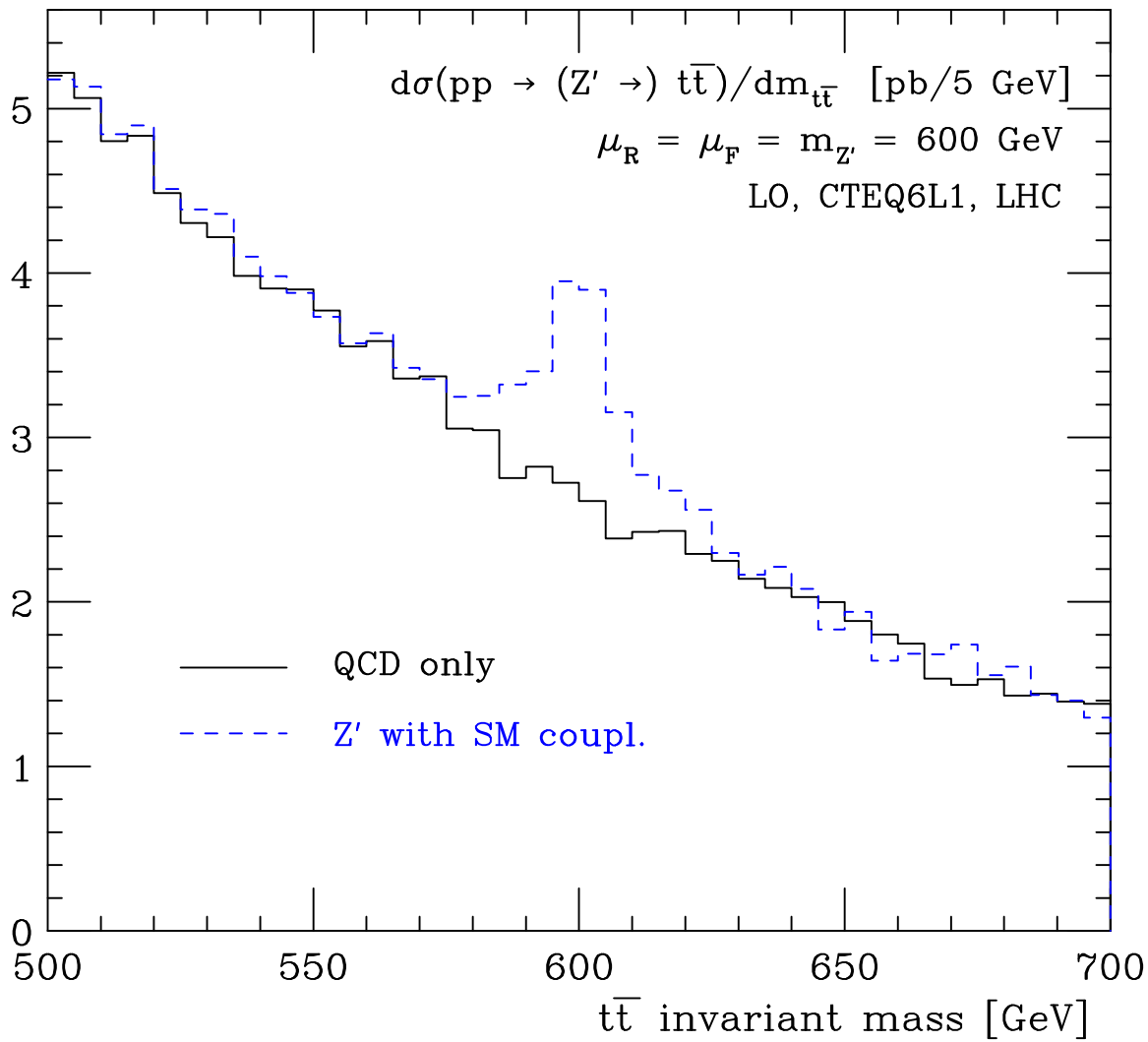
dσ(pp → (Z′ →) tt̄)/dm_tt̄ [pb/5 GeV]
μ_R = μ_F = m_Z′ = 600 GeV
LO, CTEQ6L1, LHC
QCD only
Z′ with SM coupl.
0
1
2
3
4
5
500
550
600
650
700
tt̄ invariant mass [GeV]