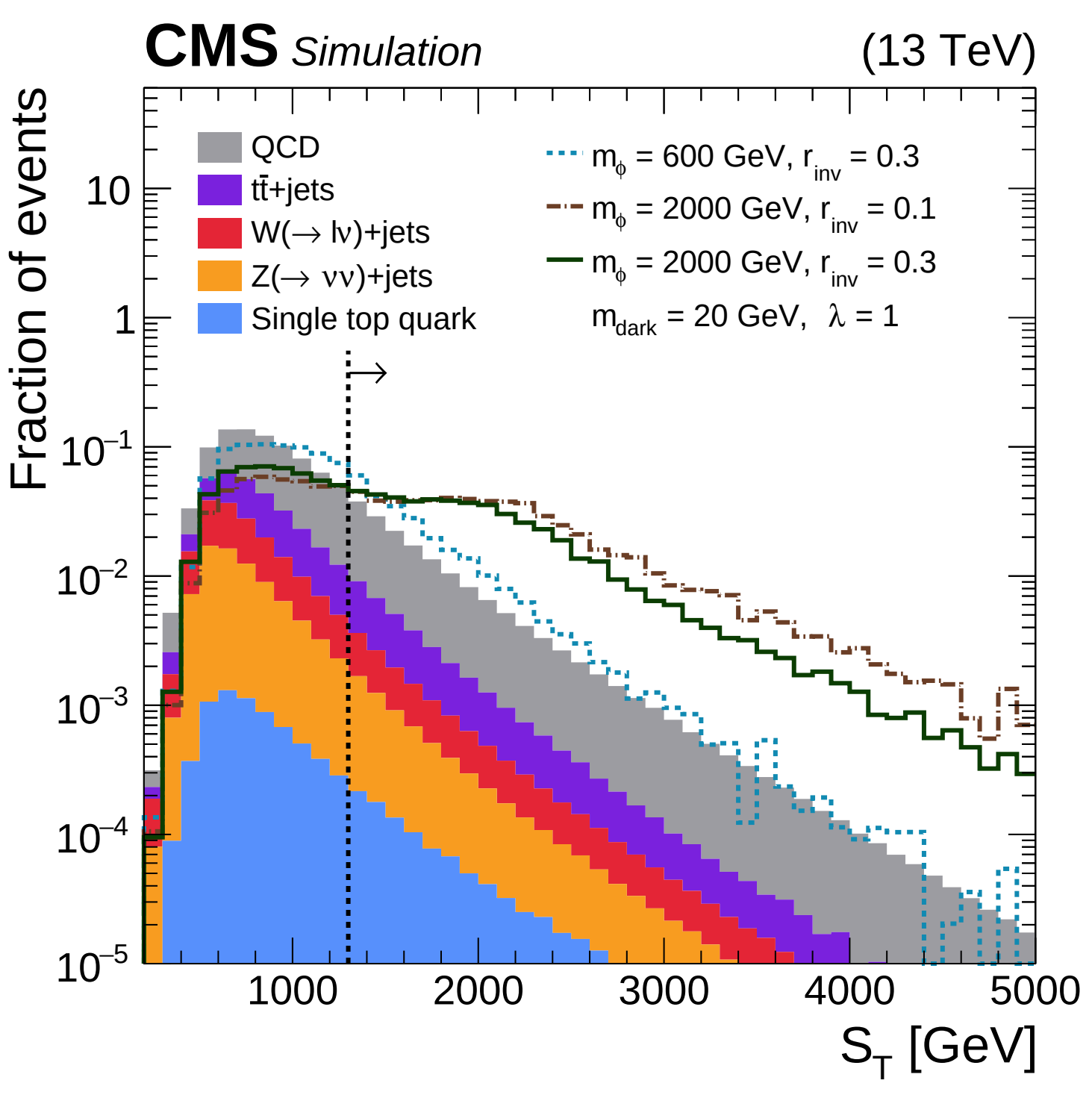

CMS Simulation
(13 TeV)
Fraction of events
QCD
tt̄+jets
W(→ lν)+jets
Z(→ νν)+jets
Single top quark
m_ϕ = 600 GeV, r_inv = 0.3
m_ϕ = 2000 GeV, r_inv = 0.1
m_ϕ = 2000 GeV, r_inv = 0.3
m_dark = 20 GeV, λ = 1
10
1
10^−1
10^−2
10^−3
10^−4
10^−5
1000
2000
3000
4000
5000
S_T [GeV]