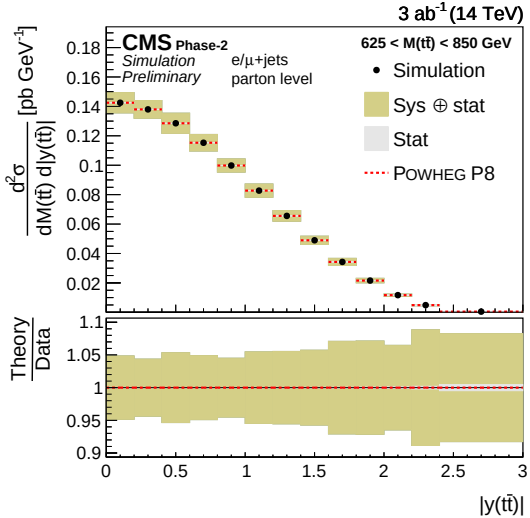
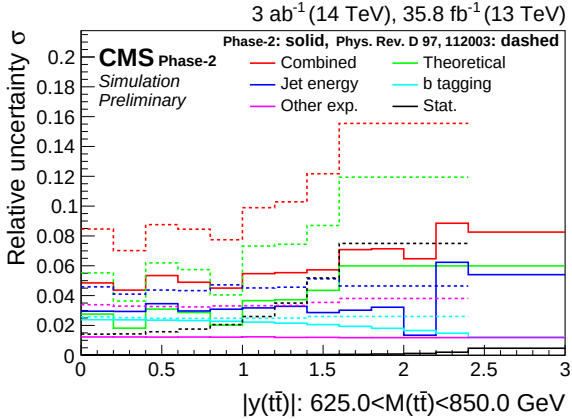
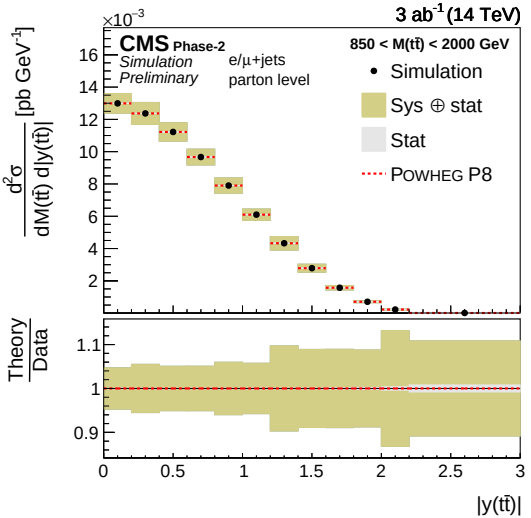
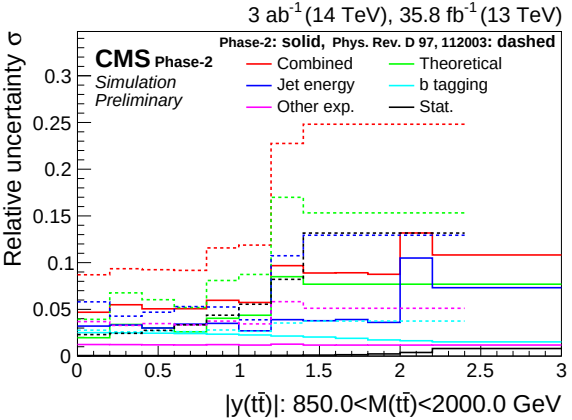

3 ab^{-1} (14 TeV)
CMS Phase-2
Simulation
Preliminary
e/μ+jets
parton level
625 < M(tt̄) < 850 GeV
Simulation
Sys ⊕ stat
Stat
POWHEG P8
$\frac{d^2\sigma}{dM(t\bar{t})\,d|y(t\bar{t})|}$ [pb GeV^{-1}]
Theory / Data
|y(tt̄)|


3 ab^{-1} (14 TeV), 35.8 fb^{-1} (13 TeV)
CMS Phase-2
Simulation
Preliminary
Phase-2: solid, Phys. Rev. D 97, 112003: dashed
Combined
Jet energy
Other exp.
Theoretical
b tagging
Stat.
Relative uncertainty σ
|y(tt̄)|: 625.0<M(tt̄)<850.0 GeV


3 ab^{-1} (14 TeV)
×10^{-3}
CMS Phase-2
Simulation
Preliminary
e/μ+jets
parton level
850 < M(tt̄) < 2000 GeV
Simulation
Sys ⊕ stat
Stat
POWHEG P8
$\frac{d^2\sigma}{dM(t\bar{t})\,d|y(t\bar{t})|}$ [pb GeV^{-1}]
Theory / Data
|y(tt̄)|


3 ab^{-1} (14 TeV), 35.8 fb^{-1} (13 TeV)
CMS Phase-2
Simulation
Preliminary
Phase-2: solid, Phys. Rev. D 97, 112003: dashed
Combined
Jet energy
Other exp.
Theoretical
b tagging
Stat.
Relative uncertainty σ
|y(tt̄)|: 850.0<M(tt̄)<2000.0 GeV