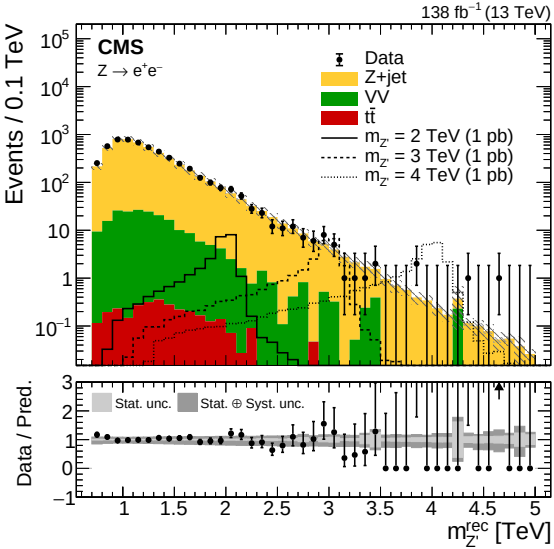
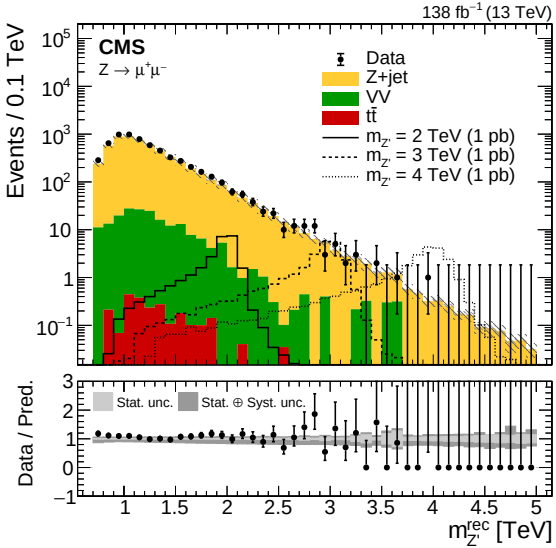
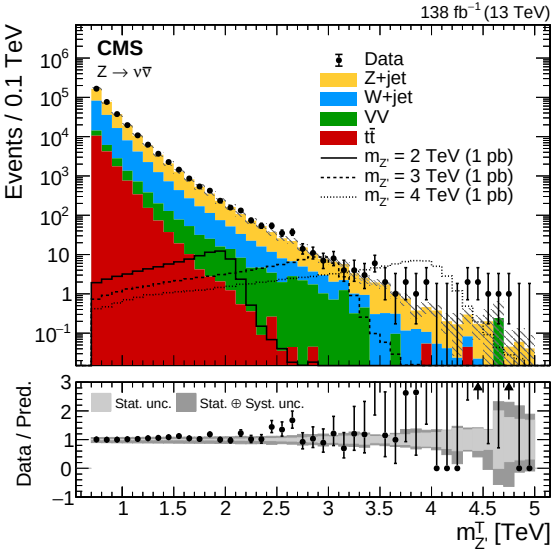

138 fb^{-1} (13 TeV)
CMS
$Z \to e^+e^-$
Data
Z+jet
VV
$t\bar{t}$
$m_{Z'}$ = 2 TeV (1 pb)
$m_{Z'}$ = 3 TeV (1 pb)
$m_{Z'}$ = 4 TeV (1 pb)
Events / 0.1 TeV
Data / Pred.
Stat. unc.
Stat. ⊕ Syst. unc.
$m_{Z'}^{rec}$ [TeV]


138 fb^{-1} (13 TeV)
CMS
$Z \to \mu^+\mu^-$
Data
Z+jet
VV
$t\bar{t}$
$m_{Z'}$ = 2 TeV (1 pb)
$m_{Z'}$ = 3 TeV (1 pb)
$m_{Z'}$ = 4 TeV (1 pb)
Events / 0.1 TeV
Data / Pred.
Stat. unc.
Stat. ⊕ Syst. unc.
$m_{Z'}^{rec}$ [TeV]


138 fb^{-1} (13 TeV)
CMS
$Z \to \nu\bar{\nu}$
Data
Z+jet
W+jet
VV
$t\bar{t}$
$m_{Z'}$ = 2 TeV (1 pb)
$m_{Z'}$ = 3 TeV (1 pb)
$m_{Z'}$ = 4 TeV (1 pb)
Events / 0.1 TeV
Data / Pred.
Stat. unc.
Stat. ⊕ Syst. unc.
$m_{Z'}^{T}$ [TeV]