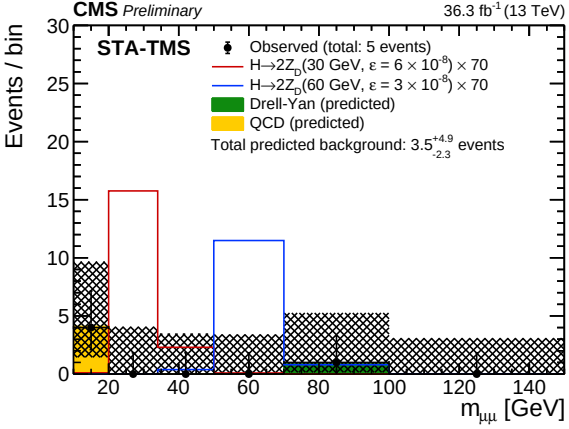
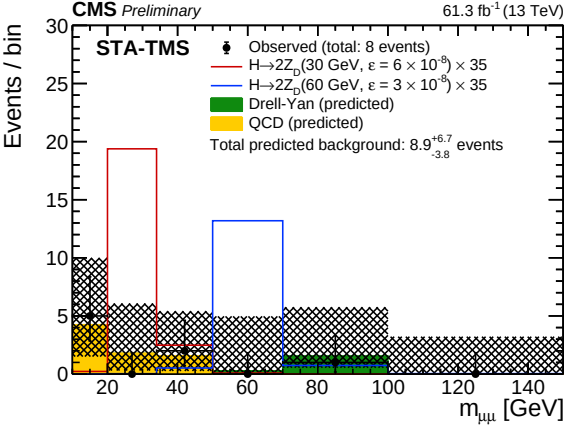

CMS Preliminary
36.3 fb^{-1} (13 TeV)
STA-TMS
Observed (total: 5 events)
H→2Z$_D$(30 GeV, ε = 6 × 10^{-8}) × 70
H→2Z$_D$(60 GeV, ε = 3 × 10^{-8}) × 70
Drell-Yan (predicted)
QCD (predicted)
Total predicted background: $3.5^{+4.9}_{-2.3}$ events
Events / bin
$m_{\mu\mu}$ [GeV]


CMS Preliminary
61.3 fb^{-1} (13 TeV)
STA-TMS
Observed (total: 8 events)
H→2Z$_D$(30 GeV, ε = 6 × 10^{-8}) × 35
H→2Z$_D$(60 GeV, ε = 3 × 10^{-8}) × 35
Drell-Yan (predicted)
QCD (predicted)
Total predicted background: $8.9^{+6.7}_{-3.8}$ events
Events / bin
$m_{\mu\mu}$ [GeV]