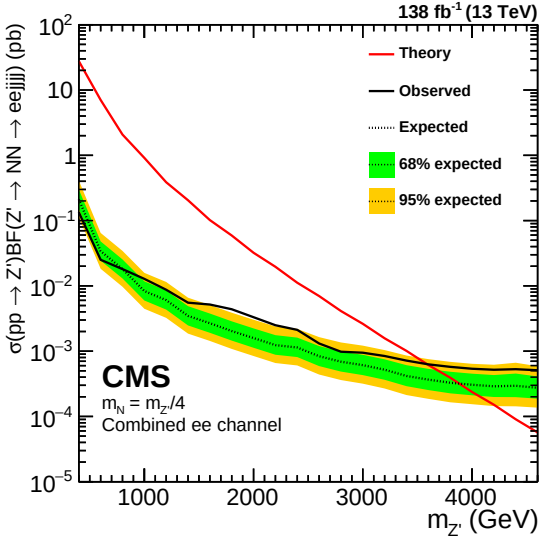
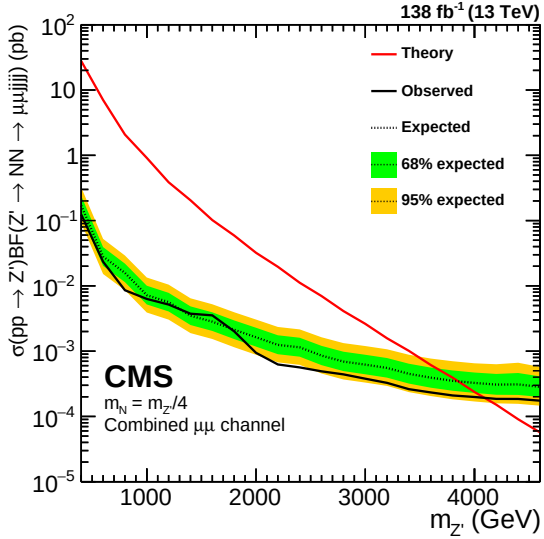
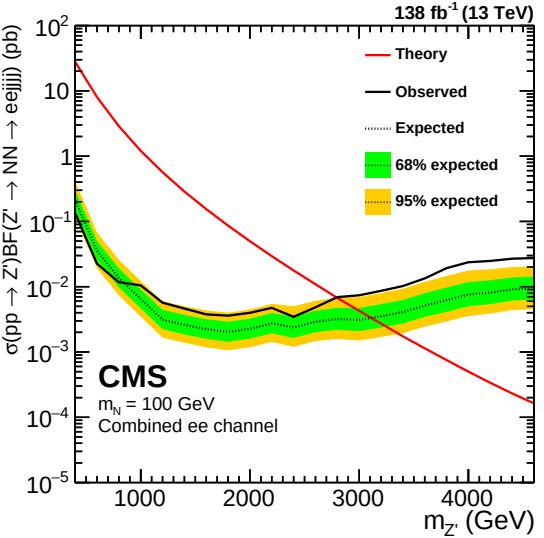
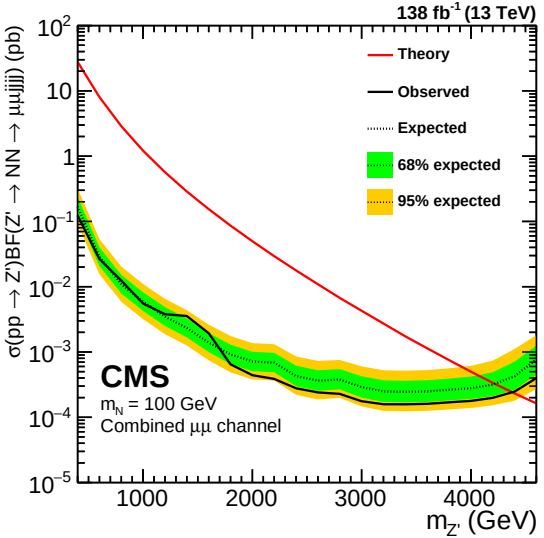

138 fb^{-1} (13 TeV)
Theory
Observed
Expected
68% expected
95% expected
CMS
$m_N = m_{Z'}/4$
Combined ee channel
$\sigma(pp \to Z')BF(Z' \to NN \to eejjjj)$ (pb)
$m_{Z'}$ (GeV)


138 fb^{-1} (13 TeV)
Theory
Observed
Expected
68% expected
95% expected
CMS
$m_N = m_{Z'}/4$
Combined μμ channel
$\sigma(pp \to Z')BF(Z' \to NN \to \mu\mu jjjj)$ (pb)
$m_{Z'}$ (GeV)


138 fb^{-1} (13 TeV)
Theory
Observed
Expected
68% expected
95% expected
CMS
m_N = 100 GeV
Combined ee channel
$\sigma(pp \to Z')BF(Z' \to NN \to eejjjj)$ (pb)
$m_{Z'}$ (GeV)


138 fb^{-1} (13 TeV)
Theory
Observed
Expected
68% expected
95% expected
CMS
m_N = 100 GeV
Combined μμ channel
$\sigma(pp \to Z')BF(Z' \to NN \to \mu\mu jjjj)$ (pb)
$m_{Z'}$ (GeV)