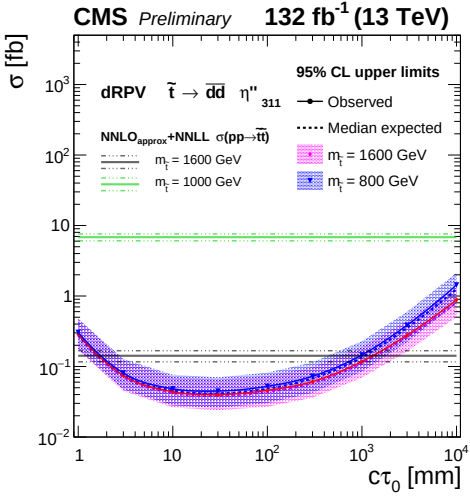
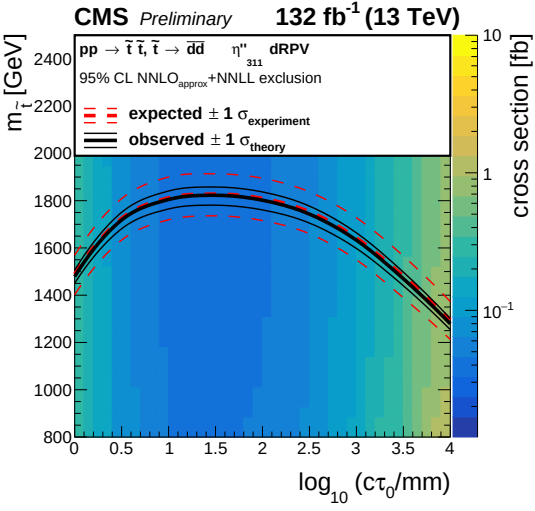

CMS Preliminary
132 fb-1 (13 TeV)
σ [fb]
dRPV $\tilde{t} \to \overline{dd}$ η''_{311}
95% CL upper limits
Observed
Median expected
NNLO$_{approx}$+NNLL σ(pp→$\tilde{t}\tilde{t}$)
$m_{\tilde{t}}$ = 1600 GeV
$m_{\tilde{t}}$ = 1000 GeV
$m_{\tilde{t}}$ = 1600 GeV
$m_{\tilde{t}}$ = 800 GeV
$c\tau_0$ [mm]


CMS Preliminary
132 fb-1 (13 TeV)
pp → $\tilde{t}\,\tilde{t}$, $\tilde{t} \to \overline{dd}$ η''_{311} dRPV
95% CL NNLO$_{approx}$+NNLL exclusion
expected ± 1 $\sigma_{experiment}$
observed ± 1 σ_{theory}
$m_{\tilde{t}}$ [GeV]
cross section [fb]
$\log_{10}(c\tau_0/mm)$