CMS Run2 (13 TeV) $\sigma(pp \to t\bar{t}Z') \cdot BR(Z' \to t\bar{t})$ [pb] 95% CL upper limits Median expected 68% expected 95% expected Theoretical σ , $\Gamma/m_{z}=20\%$ $\Gamma/m_{Z}=20\%$ muon channel 10^{-2} 2500 3000 500 1000 1500 2000 $m_{z'}$ [GeV]