CMS Run2 (13 TeV) $\sigma(pp \to t\bar{t}Z') \cdot BR(Z' \to t\bar{t}) \ [pb]$ 95% CL upper limits 10^{-1} Median expected 68% expected 95% expected Theoretical σ , $\Gamma/m_{z} = 50\%$ $\Gamma/m_{Z}=50\%$ muon channel 10^{-2} 500 2000 2500 3000 1000 1500 ST [GeV]