CMS Run2 (13 TeV) $\sigma(pp \to t\bar{t}Z') \cdot BR(Z' \to t\bar{t}) \; [pb]$ 10^{-1} 95% CL upper limits Median expected 68% expected 95% expected Theoretical σ , $\Gamma/m_{7}=10\%$ $\Gamma/m_{7} = 10\%$ 10^{-2} 500 1500 2000 2500 3000 1000

 $m_{7'}$ [GeV]