

**CMS****137 fb<sup>-1</sup> (13 TeV)**

— Total uncertainty  
— Stat. uncertainty  
Theory uncertainty

**e+jets****μ+jets****l+jets**

**Total** (Stat Syst)

**1.048**

**+0.075** (+0.014 +0.073)  
**-0.072** (-0.014 -0.070)

**1.052**

**+0.063** (+0.011 +0.062)  
**-0.061** (-0.011 -0.060)

**1.034**

**+0.060** (+0.009 +0.059)  
**-0.058** (-0.009 -0.057)

**0.8****1****1.2****1.4**

$\sigma_{t\bar{t}\gamma}/\sigma_{t\bar{t}\gamma}^{\text{NLO}}$