

138 fb⁻¹ (13 TeV)

Events / bin

CMS

• Data

Total background and uncertainty

 $t\bar{t}$ background contribution $X_{1500} \rightarrow \phi_{50} \phi_{50}$ ($\sigma = 50$ fb) $X_{2500} \rightarrow \phi_{100} \phi_{100}$ ($\sigma = 50$ fb)Data - bkg
 σ_{data} 