

13000 GeV pp

 $t\bar{t}$ CMS, 13 TeV, $\{t\}\{\bar{t}\}$ e/ μ +{jets}: $620 < m(\{t\}\{\bar{t}\}) < 800$ GeV

■ CMS

— Pythia 8.307 eetherm

$$\frac{1}{\sigma_{\text{norm}}} \frac{d^2\sigma}{d\cos(\theta_{\text{th}}^*)} \frac{d\cos(\theta_{\text{th}}^*)}{dm(\{t\}\{\bar{t}\})} [\text{GeV}^{-1}]$$

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(CMS_2021_I1901295)

Ratio to CMS

 $\cos(\theta_{\text{th}}^*)$ 