

13000 GeV pp

Top (t-channel)

CMS, 13 TeV,  $\{t\}+\{\bar{t}\}$ ,  $\{e\}/\mu + \{\text{jets}\}$ 

■ CMS  
— Pythia 8.307 eetherm

Rivet 4.1.0, 900k events

mcplots.cern.ch [arXiv:2401.10621]

(CMS\_2019\_I1744604)

Ratio to CMS

2

1

0.5

Particle-level top quark  $p_T$  (GeV)