

7000 GeV pp

 $t\bar{t}$ Gap fraction vs.  $Q_{\text{sum}}$  for veto region:  $|y| < 0.8$ 

■ ATLAS

— Pythia 8.307 ppthermNoScat

 $f_{\text{gap}}$ 

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2012\_I1094568)

Ratio to ATLAS

2

1

0.5

 $Q_{\text{sum}}$  [GeV]