

7000 GeV pp

 $t\bar{t}$ Gap fraction vs.  $Q_{\text{sum}}$  for veto region:  $0.8 < |y| < 1.5$ 

- ATLAS
- ▲ Pythia 8.315 default
- -● Pythia 8.315 tune-2c
- -○ Pythia 8.315 tune-2m

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2012\_I1094568)

Ratio to ATLAS

2

1

0.5

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