

7000 GeV pp

 $t\bar{t}$ Gap fraction vs.  $Q_{\text{sum}}$  for veto region:  $|y| < 2.1$ 

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.165 default

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]