

7000 GeV pp

 $t\bar{t}$ Gap fraction vs.  $Q_0$  for veto region:  $1.5 < |y| < 2.1$ 

- ATLAS
- △— Pythia 6.427 370
- - ■ - - Pythia 6.427 default
- ▲— Pythia 8.315 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS\_2012\_I1094568)

Ratio to ATLAS

2

1

0.5

 $Q_0$  [GeV]