

7000 GeV pp

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

- ATLAS
- Herwig++ 2.7.1 default
- Herwig 7.2.1 default
- ▲- Pythia 8.315 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2012\_I1094568)

Ratio to ATLAS

2

1

0.5

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