

7000 GeV pp

 $t\bar{t}$ Gap fraction vs scalar veto scale ( $p_T^{\text{jets}} > 25$  GeV)

- ATLAS
- - □ Herwig 7.2.1 default
- - ▲ Pythia 8.308 default

Rivet 3.1.10,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2012\_I1094568

Ratio to ATLAS

2

1

0.5

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