

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 6.428 370
- ▲ Pythia 8.170 default
- ...◆ Sherpa 2.2.5 default

Rivet 3.1.10,  $\geq 100$ k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2012\_I1094568

Ratio to ATLAS

2

1

0.5

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