

7000 GeV pp

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

- ATLAS
- Herwig 7.2.1 default
- △ Pythia 6.428 370
- ...◇ Sherpa 2.2.5 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_{sum} [GeV] f_{gap} 