

7000 GeV pp

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

- ATLAS
- Herwig++ 2.5.0 default
- Herwig 7.2.1 default
- ▲ Pythia 8.308 default
- ▼ Pythia 8.308 vincia-default
- ◆ Sherpa 2.2.5 default

Rivet 3.1.10, ≥ 100 k events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2012_I1094568

Ratio to ATLAS

2

1

0.5

 Q_{sum} [GeV]