

7000 GeV pp

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

- ATLAS
- Herwig 7.2.1 default
- ...♦... Sherpa 2.2.5 default

Rivet 4.1.0, ≥ 100 k events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2012_I1094568)

Ratio to ATLAS

1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
2
1
0.52
1
0.5