

7000 GeV pp

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

- ATLAS
- ▲ Pythia 8.212 default
- ◆ Sherpa 2.2.5 default

Rivet 3.1.10,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2012\_I1094568

Ratio to ATLAS

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