

7000 GeV pp

 $t\bar{t}$ Gap fraction vs. Q_{sum} for veto region: $0.8 < |y| < 1.5$

- ATLAS
- - ■ Pythia 6.426 default
- - ☆ Pythia 6.426 pro-q2o

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]