

7000 GeV pp

 $t\bar{t}$ Gap fraction vs. Q_{sum} for veto region: $|y| < 2.1$

- ATLAS
- ▲ Pythia 8.235 default
- Pythia 8.235 tune-A14-CTEQL1
- - - Pythia 8.235 tune-A14-MSTW2008LO
- ⋯ Pythia 8.235 tune-A14-NNPDF2.3LO
- - △ Pythia 8.235 tune-CUETP8S1

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2012_I1094568)

Ratio to ATLAS

2

1

0.5

 Q_{sum} [GeV]