

7000 GeV pp

Jets

Gap fraction vs  $\Delta y$  (LJ) ( $120 < p_T < 150$ )

Gap fraction

- ATLAS
- - ■ Pythia 6.425 default
- - ▲ Pythia 8.308 default

Rivet 3.1.10,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS\_2011\_S9126244

Ratio to ATLAS

2

1

0.5

 $|\Delta y|$ 