

7000 GeV pp

Jets

Gap fraction vs  $p_T$  (LJ) ( $5 < \Delta y < 6$ )

Gap fraction

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 391
- Pythia 6.428 default
- ▲ Pythia 8.205 default

2.5

2.0

1.5

1.0

0.5

0

0

0

0

0

0

0

0

0

0

0

ATLAS\_2011\_S9126244

Ratio to ATLAS

2

1

1

0.5

0.5

0.5

0.5

0.5

100

200

300

 $\overline{P_T}$  [GeV]Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

2

1

1

0.5

0.5

0.5

0.5

0.5