

7000 GeV pp

Jets

Gap fraction vs Δy (LJ) ($150 < p_T < 180$)

Gap fraction

- ATLAS
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z1
- Pythia 6.428 z2

Rivet 3.1.10, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2011_S012624

Ratio to ATLAS

2

1

0.5

 $|\Delta y|$

0

2

4

6