

7000 GeV pp

Jets

Gap fraction vs  $\Delta y$  (LJ) ( $210 < pT < 240$ )

Gap fraction

- ATLAS
- △ Pythia 6.428 370
- Pythia 6.428 atlas-csc
- \* Pythia 6.428 d6t
- Pythia 6.428 default
- ▼ Pythia 6.428 dw
- Pythia 6.428 p0

2.5  
2  
1.5  
1  
0.5  
0

ATLAS\_2011\_S9126244

Ratio to ATLAS

2  
1  
0.5  
0

 $|\Delta y|$ Rivet 3.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]