

7000 GeV pp

Jets

Gap fraction vs  $|\Delta y|$  for  $120 < \sqrt{s} < 150$ , Fwd/Bwd  $Q_0 = \sqrt{s}$ 

Gap fraction

■ ATLAS  
 △ Pythia 6.428 370  
 □ Pythia 6.428 391  
 ■ Pythia 6.428 default  
 ▲ Pythia 8.235 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS\_2011\_I917526)

Ratio to ATLAS

2

1

0.5

 $|\Delta y|$ 