

7000 GeV pp

Jets

Gap fraction vs $|\Delta y|$ for $210 < \sqrt{s} < 240$, Fwd/Bwd $Q_0 = \sqrt{s}$

Gap fraction

- ATLAS
- POWHEG BOX r3744 default
- ▲ Pythia 8.135 default

2.5
2
1.5
1
0.5
0Rivet 4.1.0, ≥ 100 k events
mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917526)

Ratio to ATLAS

2
1
0.52
1
0.50 2 4 6
 $|\Delta y|$ 