

Gap fraction

Gap fraction vs $|\Delta y|$ for $90 < \sqrt{s} < 120$, Fwd/Bwd $Q_0 = \sqrt{s}$

- ATLAS
- POWHEG BOX r3744 default
- ▲ Pythia 8.315 default

2

1.8

1.6

1.4

1.2

1.0

0.8

0.6

0.4

0.2

0

Rivet 4.1.0, ≥ 100 k events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917526)

Ratio to ATLAS

0.5

1

2

0

2

4

6

 $|\Delta y|$

0

1

2