

7000 GeV pp

Jets

Gap fraction vs Q_0 for $210 < \sqrt{s} < 240$ $2 < |\Delta y| < 3$, Fwd/Bwd

- ATLAS
- △ Pythia 6.428 370
- - □ Pythia 6.428 391
- - ■ Pythia 6.428 default
- - ☆ Pythia 6.428 pro-q2o

Gap fraction

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(ATLAS_2011_I917526)

Ratio to ATLAS

2

1

0.5

 Q_0 [GeV]

0

50

100

150

200