

7000 GeV pp

Soft QCD

Rapidity gap size ($p_T > 0.4$, $|\eta| < 4.9$)

- ATLAS
- ▲ Pythia 8.315 default
- ▲ Pythia 8.315 default-noFsr
- ▲ Pythia 8.315 default-noRap

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ATLAS_2012_I1084540)

Ratio to ATLAS

2

2

1

1

0.5

0.5

0

2

4

6

8