

900 GeV pp

Soft QCD

Cross section($\Delta\eta > 3$)

- 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:2401.10621]

(ALICE_2012_I1181770)

Ratio to Pythia 8.315 default

0.35
0.3
0.25
0.2
0.15
0.1
0.052
1
0.5

1000

1500

2000

2500

2

1

0.5

0.2

0.1

0.05

0.02

0.01