

7000 GeV pp

Soft QCD

 $(p_T > 0.2 \text{ GeV})$ Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

- Pythia 8.186 default
- Pythia 8.186 default-noFsr
- Pythia 8.186 default-noRap

(MC_GAPS)

Ratio to Pythia 8.186 default

 10^{-3} 10^{-2} 10^{-1}

1

10

 10^2 10^3

2

1

0.5

2

1

0.5

0

5

10

15

20