

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 8.243 default
- Pythia 8.243 default-noFsr
- Pythia 8.243 default-noRap

(MC_GAPS)

Ratio to Pythia 8.243 default

0.5

1

2

0.5

1

2

0

2

4

6