

7000 GeV pp

Soft QCD

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

mcplots.cern.ch [arXiv:2401.10621]

- Pythia 6.425 350
- Pythia 6.425 p0
- Pythia 6.425 p2010

(MC_GAPS)

Ratio to Pythia 6.425 350

 10^3
 10^2
10
1
 10^{-1}
 10^{-2}
 10^{-3}
 10^{-4}
 10^{-5}

2

1

0.5

0

2

4

6

8

2

1

0.5

0

2

4

6

8

0

0

2

4

6

8

0