

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 6.427 345
- Pythia 6.427 346
- Pythia 6.427 370
- Pythia 6.427 ambt1
- Pythia 6.427 z1
- Pythia 6.427 z2

(MC_GAPS)

Ratio to Pythia 6.427 345

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

2

1

0.5

0

5

10

15

20

2

1

0.5