

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 6.427 370
- Pythia 6.427 ambt1
- Pythia 6.427 z2

(MC_GAPS)

Ratio to Pythia 6.427 345

 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^0 10^1 10^2 10^3

2

1

0.5

2

1

0.5

0

5

10

15

20