

7000 GeV pp

Soft QCD

 $(p_T > 0.2 \text{ GeV}, |\eta| < 5.2)$

- Pythia 6.427 370
- Pythia 6.427 default
- Pythia 8.315 default

 10^3 10^2

10

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(MC_GAPS)

2

2

1

1

0.5

0.5

Ratio to Pythia 6.427 370

-5

0

5