

7000 GeV pp

Soft QCD

 $(p_T > 0.2 \text{ GeV}, |\eta| < 5.2)$ 10^3 10^2

10

1

- Pythia 6.427 370
- Pythia 6.427 atlas-csc
- Pythia 6.427 d6t
- Pythia 6.427 default
- Pythia 6.427 dw
- Pythia 6.427 p0

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(MC_GAPS)

2

2

1

1

0.5

0.5

0

5

10

Ratio to Pythia 6.427 370

