

7000 GeV pp

Soft QCD

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

Pythia 8.165 default

Rivet 4.1.0, 100k events

mcplots.cern.ch [arXiv:2401.10621]

(MC_GAPS)

Ratio to Pythia 8.165 default

10^3

10^2

10

1

2

1

0.5

100k events

2

1

0.5

0

5

10

