

7000 GeV pp

Soft QCD

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

- Pythia 6.426 atlas-csc
- Pythia 6.426 d6t
- Pythia 6.426 default
- Pythia 6.426 dw
- Pythia 6.426 p0

 10^3 10^2

10

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

(MC_GAPS)

Ratio to Pythia 6.426 atlas-csc

2

1

0.5

2

1

0.5

-5

0

5