

7000 GeV pp

Soft QCD

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

- Pythia 8.243 default
- Pythia 8.243 tune-4c
- Pythia 8.243 tune-4cx

 $10^2$ 

10

1

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_GAPS)

Ratio to Pythia 8.243 default

2

1

0.5

2

1

0.5

0

5

10