

7000 GeV pp

Soft QCD

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

- Pythia 8.308 default
- Pythia 8.308 tune-AU2
- Pythia 8.308 tune-AU2lox
- Pythia 8.308 tune-AU2loxx
- Pythia 8.308 tune-AU2m

Rivet 3.1.10, $\geq 2.2\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

(MC_GAPS)

 $1/N_{\text{ev}}, dN/d\eta$

Ratio to Pythia 8.308 default

2

1

0.5

 η 