

7000 GeV pp

Soft QCD

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

Pythia 8.180 default

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

Rivet 3.1.10, 300k events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_GAPS)

Ratio to Pythia 8.180 default

2

2

1

1

0.5

0.5

-5

0

5

 $\eta$ 