

7000 GeV pp

Soft QCD

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

- Pythia 8.209 default
- Pythia 8.209 default-noFsr
- Pythia 8.209 default-noRap

 $1/N_{ev}, dE_T/d\eta [\text{GeV}]$ 

10

8

6

4

2

0

Rivet 3.1.0,  $\geq 7.4\text{M}$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to Pythia 8.209 default

2

1

0.5

2

1

0.5

-5

0

5

 $\eta$