

7000 GeV pp

Soft QCD

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

- Pythia 8.308 default
- Pythia 8.308 default-noCR

 $d\sigma/d\Delta\eta \text{ [mb]}$  $10^2$ 

10

1

Rivet 3.1.10,  $\geq 2.8\text{M events}$ 

mcplots.cern.ch [arXiv:1306.3436]

(MC\_GAPS)

Ratio to Pythia 8.308 default

2

1

0.5

2

1

0.5

0

5

10

 $\Delta\eta$ 