

7000 GeV pp

Soft QCD

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

- Pythia 8.308 default
- Pythia 8.308 tune-4c
- Pythia 8.308 tune-4cx

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

10

1

Rivet 3.1.10, $\geq 2\text{M events}$

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

 $\Delta\eta$ 