

7000 GeV pp

Soft QCD

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

Pythia 8.180 default

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

10

1

Rivet 3.1.10, 300k events

mcplots.cern.ch [arXiv:1306.3436]

(MC_GAPS)

Ratio to Pythia 8.180 default

2

1

0.5

2

1

0.5

0

5

10

 $\Delta\eta$ 