

7000 GeV pp

Soft QCD

 $(p_T > 0.2 \text{ GeV}, |\eta| < 5.2)$ $d\sigma/d\Delta\eta \text{ [mb]}$ 10^2

10

1

 10^{-1} 10^{-2}

Sherpa 1.4.5 default

(MC_GAPS)

Ratio to Sherpa 1.4.5 default

2

1

0.5

Rivet 3.1.10, 500k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 $\Delta\eta$

0

5

10