

7000 GeV pp

Soft QCD

 $(p_T > 0.2 \text{ GeV}, |\eta| < 5.2)$ $1/N_{\text{ev}}, dN/d\eta$ 10^8 10^7 10^6 10^5 10^4 10^3 10^2

10

1

---○--- Herwig++ 2.7.0 default

---□--- Herwig 7.2.1 default

---△--- Herwig 7.2.1 soft Tune

(MC_GAPS)

Ratio to Herwig++ 2.7.0 default

1

0.5

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 η

-5

0

5