

7000 GeV pp

Soft QCD

 $(p_T > 0.2 \text{ GeV}, |\eta| < 5.2)$  $1/N_{\text{ev}}, dE/d\eta [\text{GeV}]$  $10^{10}$   
 $10^9$   
 $10^8$   
 $10^7$   
 $10^6$   
 $10^5$   
 $10^4$   
 $10^3$   
 $10^2$   
 $10^1$   
 $1$  $-5$  $0$  $5$  $\eta$ 

—○— Herwig++ 2.7.1 default  
 —□— Herwig 7.2.1 default

(MC\_GAPS)

Ratio to Herwig++ 2.7.1 default

 $0.5$  $0.5$  $1$  $2$ 

mcplots.cern.ch [arXiv:1306.3436]

Rivet 3.1.10,  $\geq 2.7M$  events