

7000 GeV pp

Soft QCD

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

Herwig++ 2.7.1 default

Herwig 7.2.1 default

Pythia 8.315 default

Sherpa 2.2.7 default

Rivet 4.1.0,  $\geq 100k$  events

mcplots.cern.ch [arXiv:1306.3436]

(MC\_GAPS)

Ratio to Herwig++ 2.7.1 default

 $10^{17}$   
 $10^{16}$   
 $10^{14}$   
 $10^{12}$   
 $10^{10}$   
 $10^8$   
 $10^6$   
 $10^4$   
 $10^2$   
 $10^0$   
 $10^{-2}$ 2  
1  
0.5

-5

0

5

