

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
 2
 1
 0.5

--○-- Herwig++ 2.7.1 default
--□-- Herwig 7.2.1 default
--▲-- Pythia 8.306 default

(MC_GAPS)

Ratio to Herwig++ 2.7.1 default

Rivet 3.1.10, $\geq 2.7\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

 η

-5

0

5