

7000 GeV pp

Soft QCD

 $\sum E_T$ for the minimum bias selection, $1.6 < \eta < 2.4$

1

 10^{-1} 10^{-2} 10^{-3} 10^{-4} 

ATLAS

Epos 1.99.crmc.1.6.0 lhc

Herwig 7.2.1 softTune

Pythia 6.428 370

Pythia 8.315 default

(ATLAS_2012_I1183818)

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

20

40

60