

7000 GeV pp

Soft QCD

 $\sum E_T$ for the minimum bias selection, $0.8 < \eta < 1.6$

1

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

- ATLAS
- +— Epos 1.99.crmc.1.2 lhc
- - □ - - Herwig 7.2.1 default
- - △ - - Pythia 6.428 370
- - ▲ - - Pythia 8.315 default
- ... ♦ ... Sherpa 2.2.9 default

(ATLAS_2012_I1183818)

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:2401.10621]

Ratio to ATLAS

2

1

0.5

2

1

0.5

0

20

40

60