

7000 GeV pp

Soft QCD

Cross section ($\xi > 5 \times 10^{-6}$) σ_{inel} [mb]

- ATLAS
- Herwig 7.2.1 default
- ▲-- Pythia 8.180 default
- ...◆... Sherpa 2.2.9 default

Rivet 3.1.10, $\geq 300k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2011_I894867

Ratio to ATLAS

2

1

0.5

 $\sqrt{s}$ [GeV]