

7000 GeV pp

Soft QCD

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

- ATLAS
- ▲ Pythia 8.183 default
- ◆ Sherpa 2.2.9 default

Rivet 3.1.10, $\geq 400k$ events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2011_I894867

Ratio to ATLAS

2

1

0.5

 $\sqrt{s}$ [GeV]

6999.5

7000

7000.5