

7000 GeV pp

Soft QCD

Cross section ($M_x < 200 \text{ GeV}^2$) σ_{SD} [mb]

- ALICE
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.205 default
- - ◆ Sherpa 2.2.5 default

Rivet 3.1.0, $\geq 4.8\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ALICE_2012_I1181770

Ratio to ALICE

0.5 1 2

6999.5

7000

7000.5

 \sqrt{s} [GeV]