

7000 GeV pp

Soft QCD

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

- ALICE
- △ Pythia 6.428 370
- -■ Pythia 6.428 default
- ▲ Pythia 8.201 default

Rivet 3.1.10, $\geq 400\text{k events}$

mcplots.cern.ch [arXiv:1306.3436]

ALICE_2012_I1181770

Ratio to ALICE

2

1

0.5

 $\sqrt{s}$ [GeV]

6999.5

7000

7000.5