

7000 GeV pp

Soft QCD

Cross section($M_x < 200 \text{ GeV}^2$)

- ALICE
- Herwig 7.2.1 default
- ▲ Pythia 8.308 default
- ...◆ Sherpa 2.2.9 default

Rivet 3.1.10, $\geq 2.5\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ALICE_2012_I1181770

Ratio to ALICE

2

1

0.5

 $\sqrt{s}$ [GeV] σ_{SD} [mb]

35

30

25

20

15

10

5

0

3

2

1

0.5

0

0

0

0

0

0

0

0

0

0

0

0

0

7000

7000.5

6999.5