

7000 GeV pp

Soft QCD

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

- ALICE
- Pythia 6.425 350
- Pythia 6.425 p0
- Pythia 6.425 p2010

Rivet 3.1.10, $\geq 200k$ 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

3

2

1

0.5

6999.5

7000

7000.5