

7000 GeV pp

Soft QCD

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

- ALICE
- Pythia 6.428 390
- Pythia 6.428 391
- ◇ Pythia 6.428 392
- ★ Pythia 6.428 396
- ☆ Pythia 6.428 397
- ▼ Pythia 6.428 398

Rivet 3.1.10, $\geq 3.1\text{M}$ events

mcplots.cern.ch [arXiv:1306.3436]

ALICE_2012_I1181770

Ratio to ALICE

0.5

6999.5

7000

7000.5

 \sqrt{s} [GeV]

2

2

1

1

0

0

5

10

15

20

25

30

35

0

0.5

1

1.5

2

2.5

3

3.5

4

4.5

5

5.5

6