

7000 GeV pp

Soft QCD

Cross section ($\Delta\eta > 3$) σ_{DD} [mb]

22

20

18

16

14

12

10

8

6

4

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

- ALICE
- Pythia 6.428 350
- △ Pythia 6.428 370
- △ Pythia 6.428 380
- Pythia 6.428 p0
- Pythia 6.428 p2010

ALICE_2012_I1181770

Rivet 3.1.0, ≥ 14 M events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ALICE

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

6999.5

7000

7000.5

sqrt{s} [GeV]