

7000 GeV pp

Soft QCD

Cross section ( $\Delta\eta > 3$ ) $\sigma_{DD}$  [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 6.428 370
- - -■- - - Pythia 6.428 default
- ▲— Pythia 8.108.p1 default

ALICE\_2012\_I1181770

Rivet 3.1.0,  $\geq 7M$  events

mcplots.cern.ch [arXiv:1306.3436]

Ratio to ALICE

2

2

2

2

2

2

2

2

2

2

2

2

2

0.5

1

1

1

1

0.5

1

1

1

1

6999.5

7000

7000.5

 $\sqrt{s}$  [GeV]