

7000 GeV pp

Soft QCD

 $\sigma(cc\bar{b})$ (ALICE D-meson production)

- ALICE
- △— Pythia 6.428 370
- △···· Pythia 6.428 373
- - -○- - - Pythia 6.428 374
- Pythia 6.428 375
- - -△- - - Pythia 6.428 381
- - -▽- - - Pythia 6.428 382

3000
2500
2000
1500
1000
500

Ratio to ALICE

2
1
0.5

Rivet 4.1.0, ≥ 100k events
mcplots.cern.ch [arXiv:1306.3436]

(ALICE_2017_I1511870)

6999.5

7000

7000.5