

7000 GeV pp

Soft QCD

 $\sigma(Ds^+)$ (ALICE D-meson production)

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

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ALICE_2017_I1511870)

Ratio to ALICE

250
200
150
100
50
0

2
1
0.5

250
200
150
100
50
0

2
1
0.5

6999.5

7000

7000.5

