

7000 GeV pp

Soft QCD

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

- ALICE
- - ■ Pythia 6.425 359
- - ▲ Pythia 6.425 a
- - ▼ Pythia 6.425 dw
- - ○ Pythia 6.425 p0
- - ☆ Pythia 6.425 pro-q2o

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(ALICE_2017_I1511870)

Ratio to ALICE

600
500
400
300
200
100
0

100k events
3436
1
2
0.5

6999.5

7000

7000.5

