

7000 GeV pp

Soft QCD

 $\frac{d\sigma}{dy}$ [mb] $\sigma(D^0)$ (ALICE D-meson production)

- ALICE
- Pythia 6.428 345
- △- Pythia 6.428 370
- △- Pythia 6.428 ambt1
- Pythia 6.428 z2

10

8

6

4

2

ALICE_2017_I1511870

Ratio to ALICE

0.5

1

2

6999.5

7000

7000.5

E = 7 TeV

Rivet 3.1.10, ≥ 2.1M events

mcplots.cern.ch [arXiv:1306.3436]

2

0.5

1