

7000 GeV pp

Soft QCD

 $\frac{d\sigma}{dy}$ [mb]Integrated cross sections for prompt D^0 (full y).

- ALICE
- Pythia 6.428 345
- Pythia 6.428 346
- △- Pythia 6.428 370
- Pythia 6.428 default
- ▲- Pythia 8.135 default

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(ALICE_2017_I1511870)

Ratio to ALICE

2
1
0.52
1
0.5

E = 7 TeV

6999.5

7000

7000.5