

7000 GeV pp

Soft QCD

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

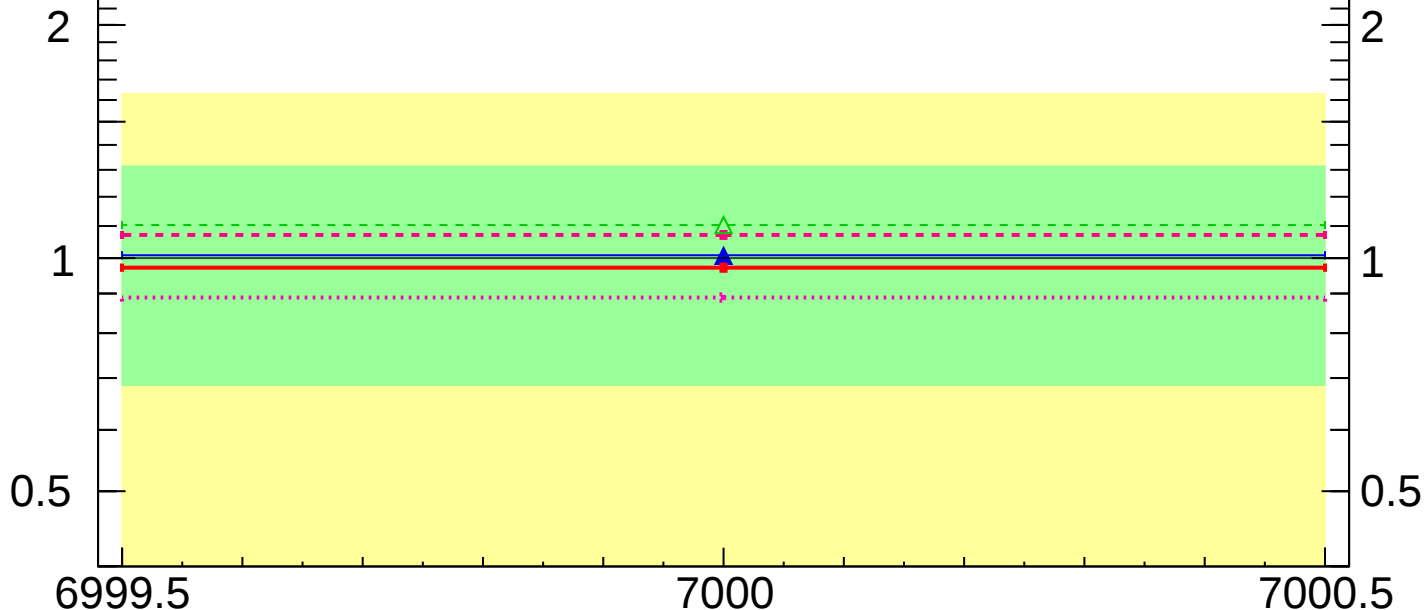
- ALICE
- ▲— Pythia 8.235 default
- Pythia 8.235 tune-A14-CTEQL1
- - - Pythia 8.235 tune-A14-MSTW2008LO
- Pythia 8.235 tune-A14-NNPDF2.3LO
- - △ - - Pythia 8.235 tune-CUETP8S1

Rivet 4.1.0, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

(ALICE_2017_I1511870)

Ratio to ALICE

 $E = 7$ TeV