

7000 GeV pp

Soft QCD

Prompt D_s^+ + c.c. $d\sigma / dp_T$ for rapidity interval $2.0 < y < 2.5$

- LHCb
- ▲ Pythia 8.186 default
- - * Pythia 8.186 tune-4c
- ... □ Pythia 8.186 tune-4cx

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb_2013_I1218996)

Ratio to LHCb

10²
10
1
0.52
1
0.5 p_T [GeV]