

7000 GeV pp

Soft QCD

 $pT(Ds^+) (y-3.0-3.5)$

- LHCb
- Pythia 6.428 391
- +— Pythia 6.428 393
- Pythia 6.428 394
- ▼— Pythia 6.428 395

Rivet 4.1.0, $\geq 100k$ events

mcplots.cern.ch [arXiv:1306.3436]

(LHCb_2013_I1218996)

Ratio to LHCb

 10^2

10

1

 10^{-1}

2

1

0.5

2

1

0.5

0

2

4

6

8