

7000 GeV pp

Soft QCD

 $p_T(Ds^+) (y-3.5-4.0)$ $d\sigma / dp_T [\mu b / (GeV/c)]$ 10^2

10

1

- LHCb
- - * Pythia 6.428 355
- - □ Pythia 6.428 356
- - △ Pythia 6.428 370
- - * Pythia 6.428 379
- - △ Pythia 6.428 ambt1
- - ● Pythia 6.428 z2

Rivet 3.1.10, $\geq 2.1M$ events

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2013_I1218996

Ratio to LHCb

2

1

0.5

2

1

0.5

 $p_T [GeV/c]$

2

4

6