

900 GeV pp

Soft QCD

 π^-/π^+ vs $|y|$ ($p_T > 1.2$ GeV)

- LHCb
- △ Pythia 6.428 370
- - □ Pythia 6.428 391
- - ■ Pythia 6.428 default

Rivet 3.1.10, ≥ 100k events

mcplots.cern.ch [arXiv:1306.3436]

LHCb_2012_I1119400

Ratio to LHCb

2

1

0.5

 η

2.5 3 3.5 4 4.5

0.5

1

2

LHCb_2012_I1119400

0.8

1

1.2

1.4

1.6

1.8

1.6

1.4

1.2

1.0

0.8

0.6

0.4

0.2

0.0

-0.2

-0.4

-0.6

-0.8

-1.0

-1.2

-1.4

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-1.8

-2.0

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-3.0

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-5.0

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-7.0

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-7.8

-8.0

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-9.0

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-10.0

-10.2

-10.4

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-10.8

-11.0

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-70.4