

7000 GeV pp

Underlying Event

Sum(p_T) density wrt η of leading track (TRNS) ($|\eta| < 2.5$, $p_T > 0.1$ GeV)

- ATLAS
- △ Pythia 6.427 370
- -■ Pythia 6.427 default

Rivet 3.1.0, ≥ 7.1 M events

mcplots.cern.ch [arXiv:1306.3436]

ATLAS_2010_S8894728

2

1

0.5

 $\langle d^2 \text{sum } p_T / d\eta d\phi \rangle$ [GeV]

2.5

2

1.5

1

0.5

Ratio to ATLAS

2

1

0.5

0

1

2

 $|\eta|$ (leading track)

0

0.5

1

1.5

2

2.5

3

3.5

4

4.5

5

5.5

6

6.5

7

7.5

8

8.5

9

9.5

10

10.5

11

11.5

12

12.5

13

13.5

14

14.5

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15.5

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16.5

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17.5

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18.5

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19.5

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20.5

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21.5

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22.5

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23.5

24

24.5

25