

Gap fraction

Gap fraction vs pT (FB) ($2 < \Delta y < 3$)

- ATLAS
- - □ Herwig 7.2.0 default
- - ▲ Pythia 8.186 default

2.5

2.0

1.5

1.0

0.5

0

-0.5

-1.0

-1.5

-2.0

-2.5

-3.0

-3.5

-4.0

-4.5

-5.0

-5.5

-6.0

-6.5

-7.0

-7.5

-8.0

ATLAS_2011_S9126244

Rivet 3.1.0, ≥ 100 k events

mcplots.cern.ch [arXiv:1306.3436]

2

1

0.5

0

-0.5

-1.0

-1.5

-2.0

-2.5

-3.0

Ratio to ATLAS

2.5

2.0

1.5

1.0

0.5

 \overline{P}_T [GeV]

0

-0.5

-1.0

-1.5

-2.0

-2.5

-3.0

-3.5

-4.0

-4.5

-5.0

-5.5

-6.0

-6.5

-7.0

-7.5

-8.0

-8.5

-9.0

-9.5

-10.0

-10.5

-11.0

-11.5

-12.0

-12.5

-13.0

-13.5

-14.0

-14.5

-15.0

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-16.0

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-19.0

-19.5

-20.0

-20.5

-21.0

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-22.0

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-23.0

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-26.0

-26.5

-27.0

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-28.0

-28.5

-29.0

-29.5

-30.0

-30.5

-31.0

-31.5

-32.0

-32.5

-33.0

-33.5

-34.0

-34.5

-35.0

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-36.0

-36.5

-37.0

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-38.0

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-39.5

-40.0

-40.5

-41.0

-41.5

-42.0

-42.5

-43.0

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-71.0

-71.5

-72.0

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-73.0

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-74.0

-74.5

-75.0

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-80.5

-81.0

-81.5

-82.0

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-83.0

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-86.0

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-96.0

-96.5

-97.0

-97.5

-98.0

-98.5

-99.0

-99.5

-100.0

-100.5

-101.0

-101.5

-102.0

-102.5

-103.0

-103.5

-104.0

-104.5

-105.0

-105.5

-106.0

-106.5

-107.0

-107.5

-108.0

-108.5

-109.0

-109.5

-110.0

-110.5

-111.0

-111.5

-112.0

-112.5

-113.0

-113.5

-114.0

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-115.0

-115.5

-116.0

-116.5

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-146.0

-146.5

-147.0

-147.5

-148.0

-148.5

-149.0

-149.5

-150.0

-150.5

-151.0