

b jet

Patrick
Connor

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Detector
level

Cross
section

Fraction

Summary &
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Back-up

Inclusive b jet production

Comparison to predictions

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Outline

- Just a few plots (but not much text...)
- Overview of the main steps of the analysis
- Preliminary comparison to predictions



Detector level.

3D ratio

Performance

b tag fraction

b jet

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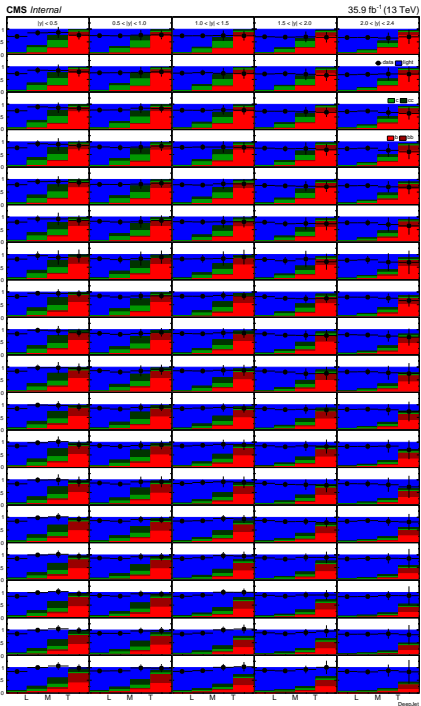
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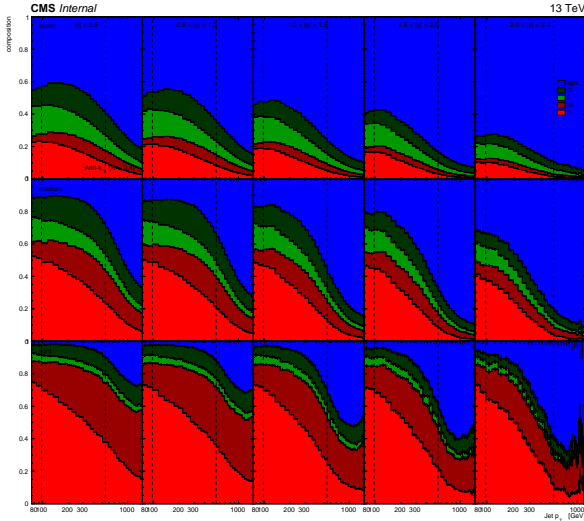
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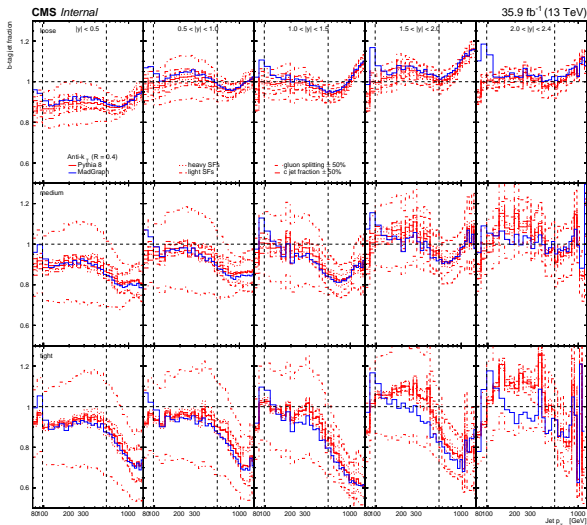
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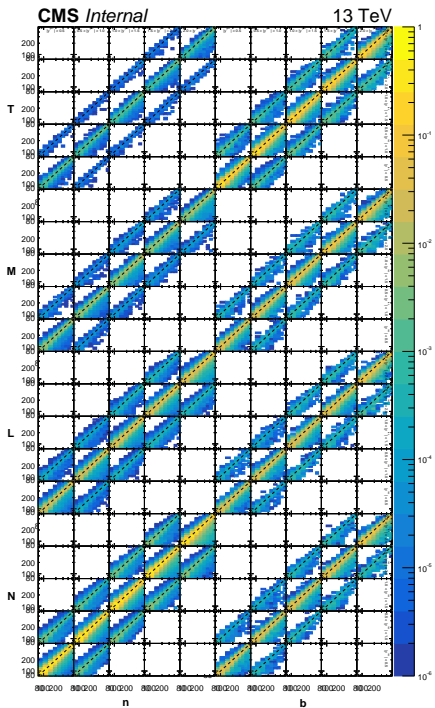
Cross section.

Response matrix

Ratio to Pythia 8

Uncertainties

Correlations



Cross section

Response matrix

Cross section

Ratio to Pythia 8

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Response matrix

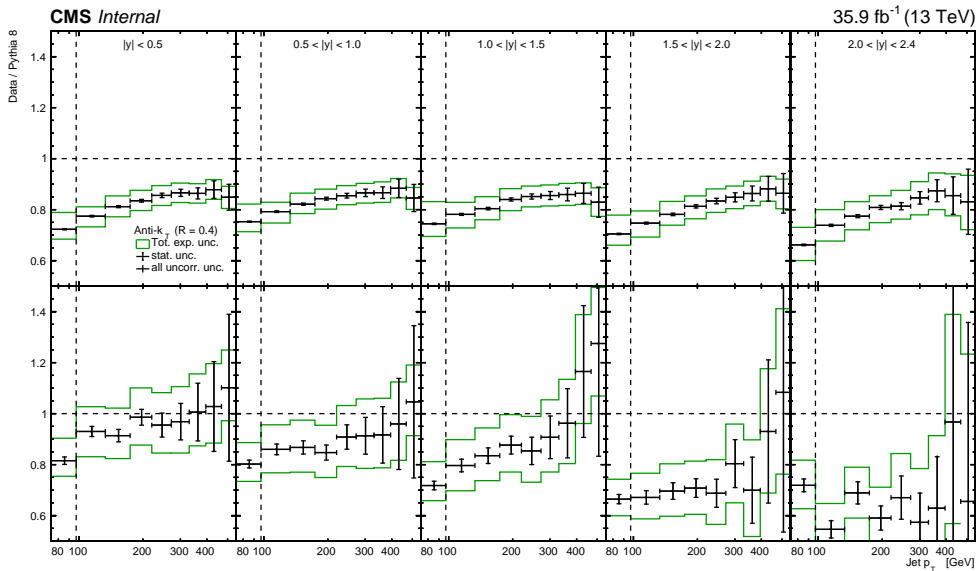
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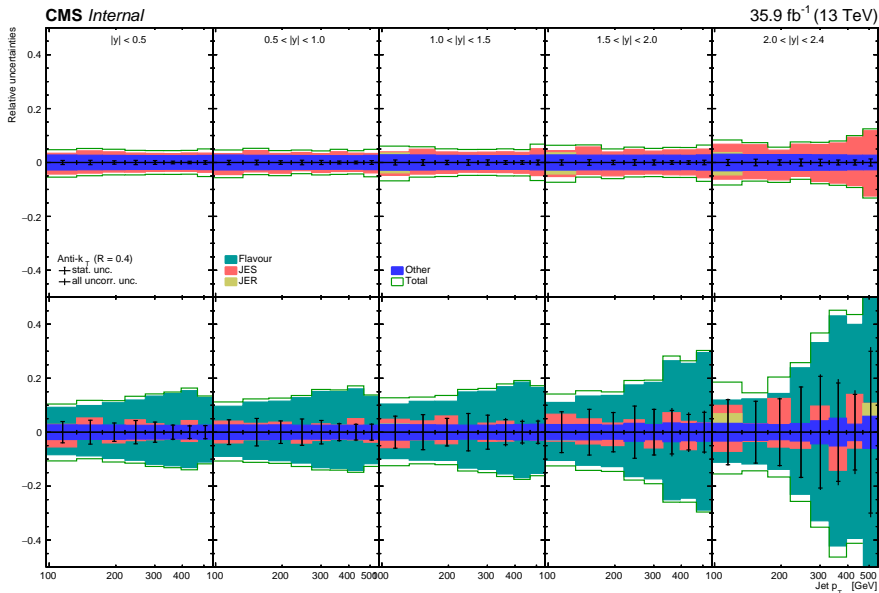
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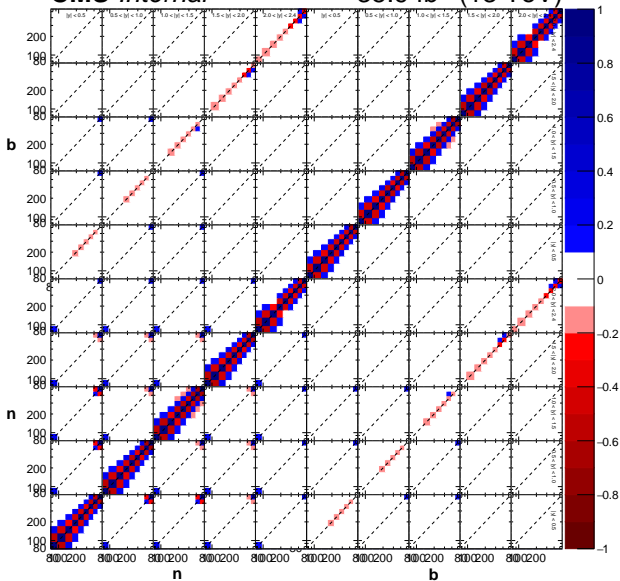
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CMS Internal 35.9 fb⁻¹ (13 TeV)



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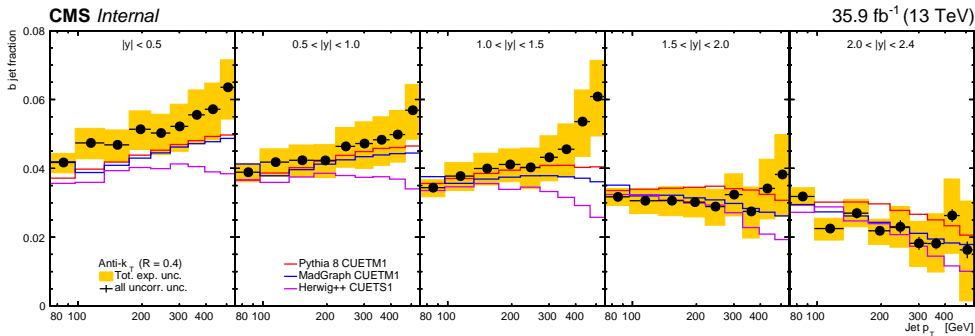
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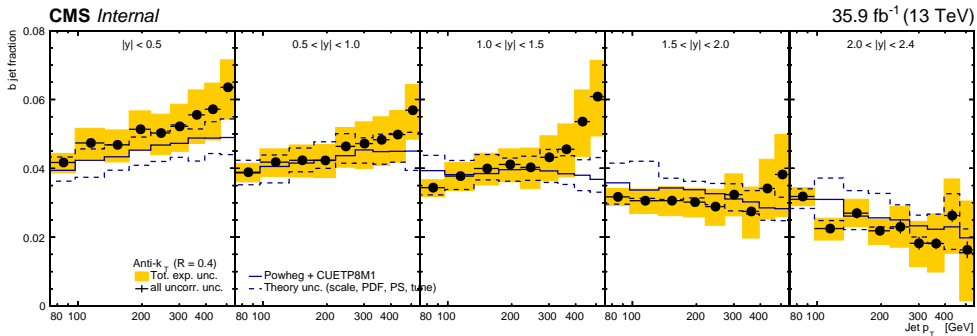
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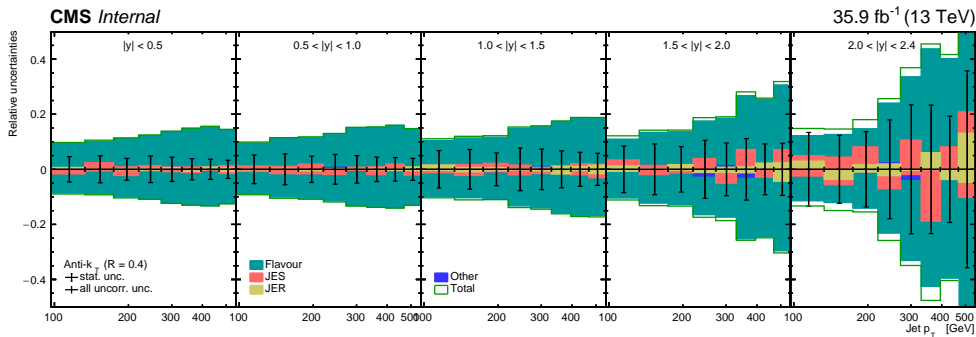
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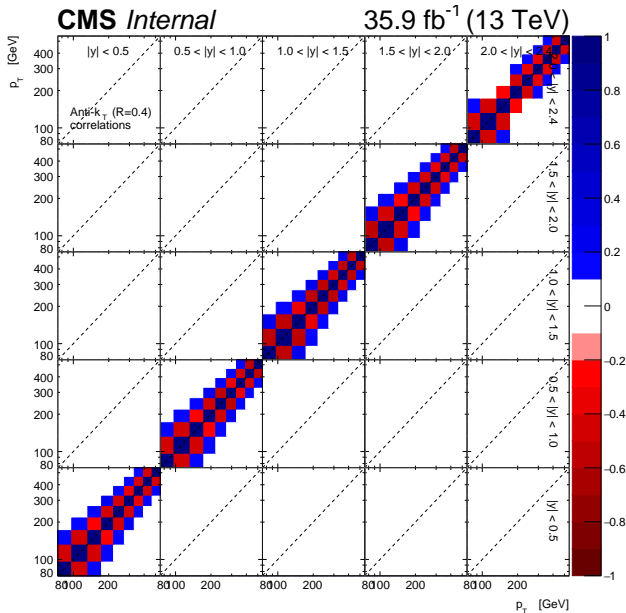
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Summary & Conclusions.

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Back-up

- Analysis ready (again)
- AN is ready
- Paper draft to be partially re-written
- More predictions on the way

Thank you for your attention!



Back-up.

b jet

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Acronyms I

References



References I

References

