Jet Energy Resolution for the Dijet Balance Method

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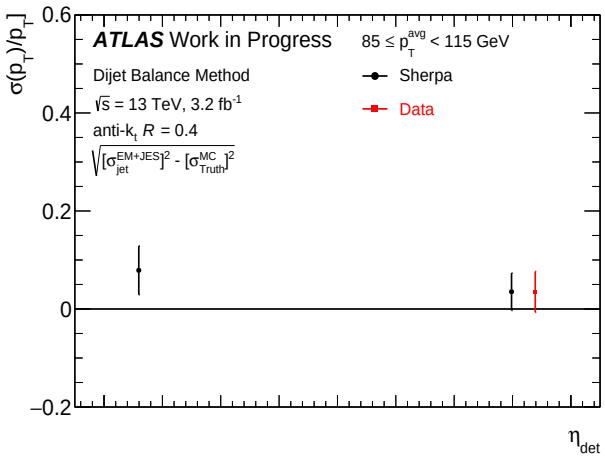
Status

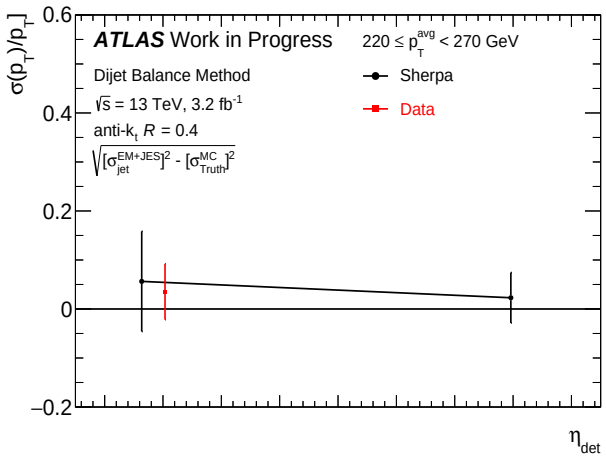
- Restricted fits to an asymmetry of $\pm$ 0.5
- Re-ran the subtractions for Powheg+Pythia8, Sherpa and data

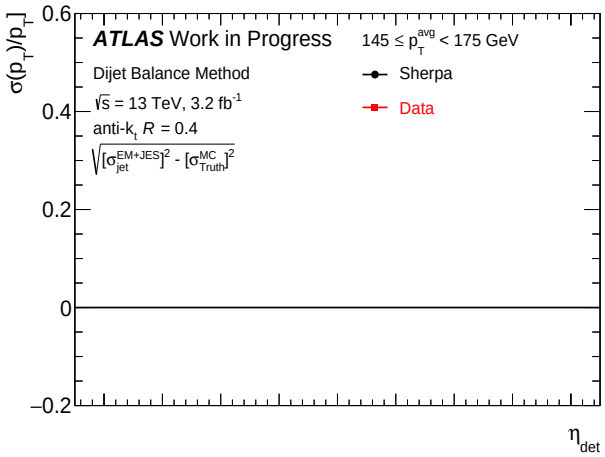
Sherpa Truth Fits: Restricted to $\pm$ 0.8:

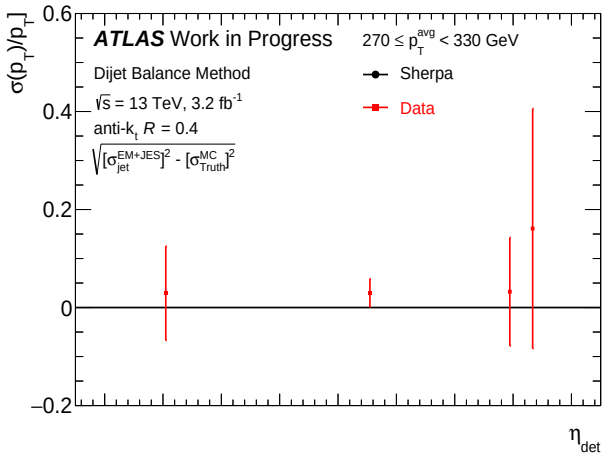
Sherpa Truth Fits: Restricted to $\pm$ 0.5:

Sherpa Subtractions:

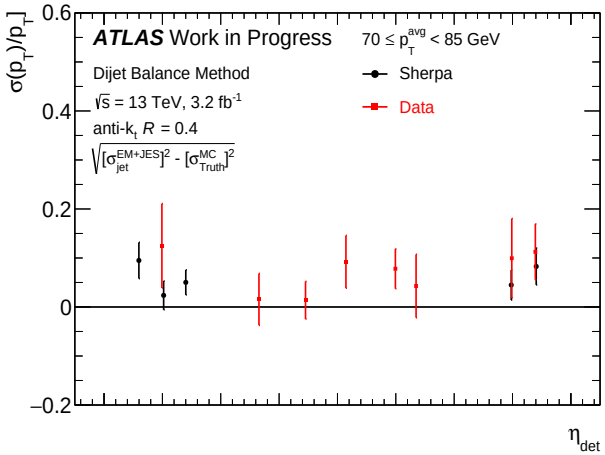


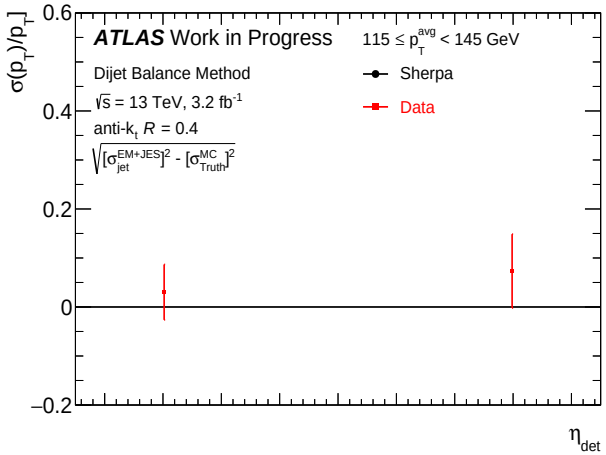


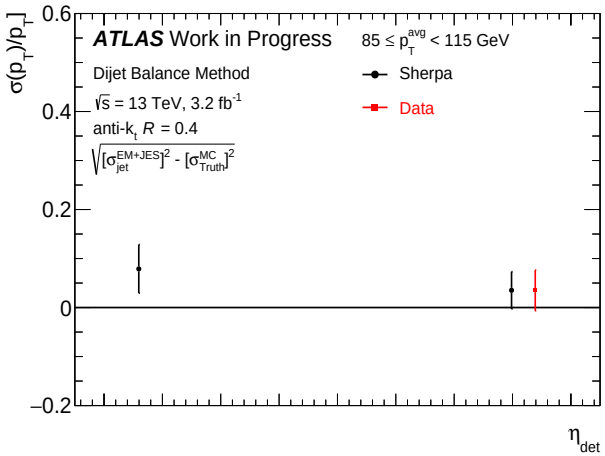


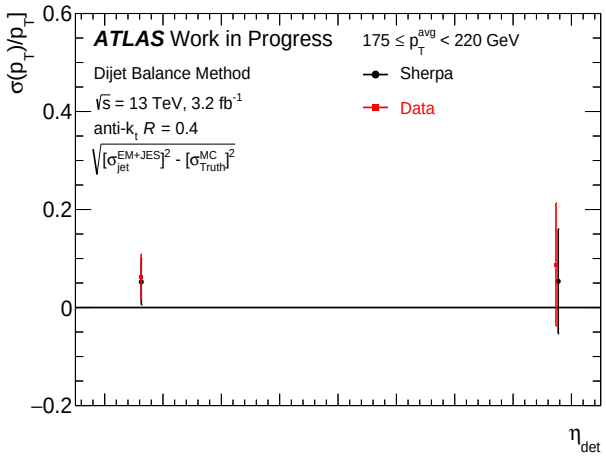


Powheg+Pythia8 subtractions:

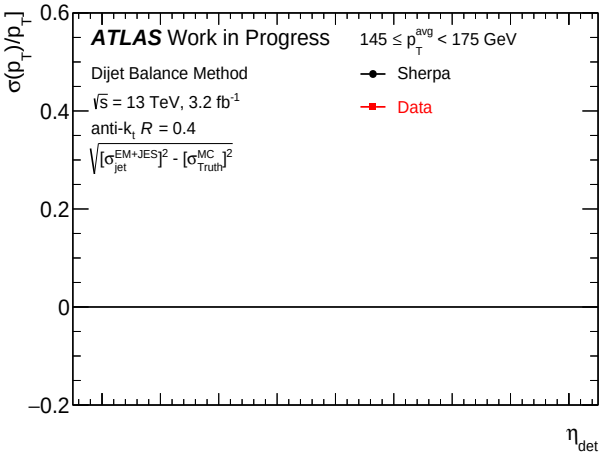


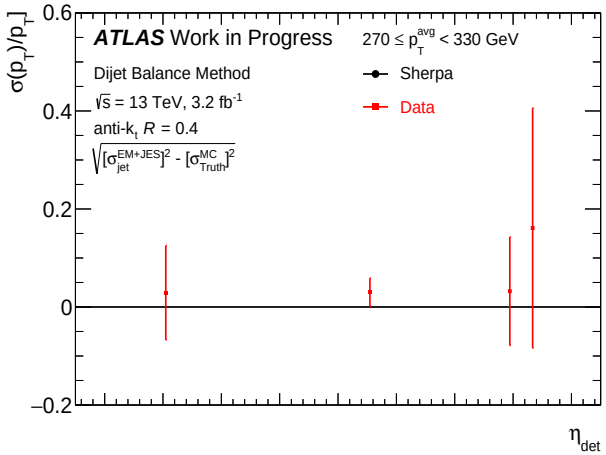


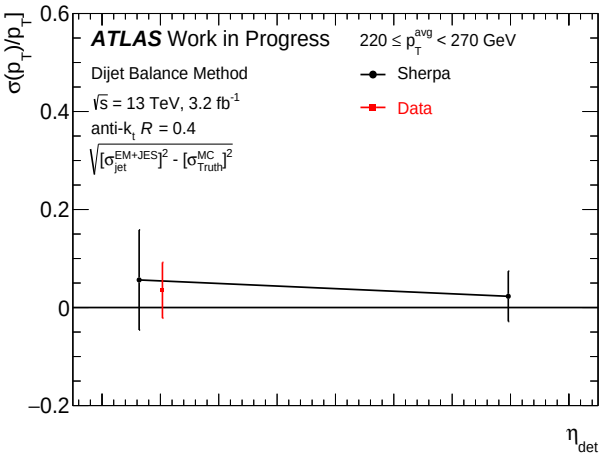


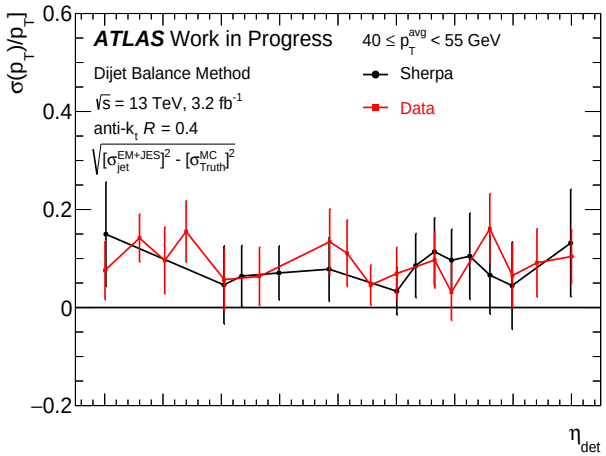


Problematic bins:









To-Do:

- Look into issues with problematic bins
  - Some bins missing with joining line going off plot
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