How many interactions does it take to modify a jet?

And is that the whole story?

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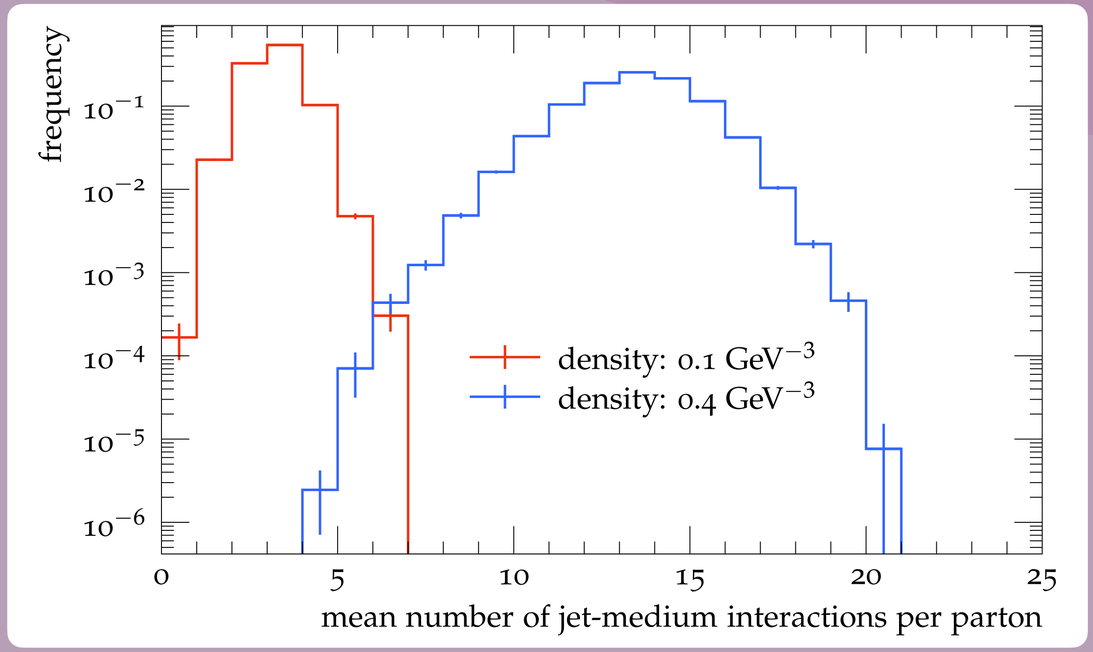
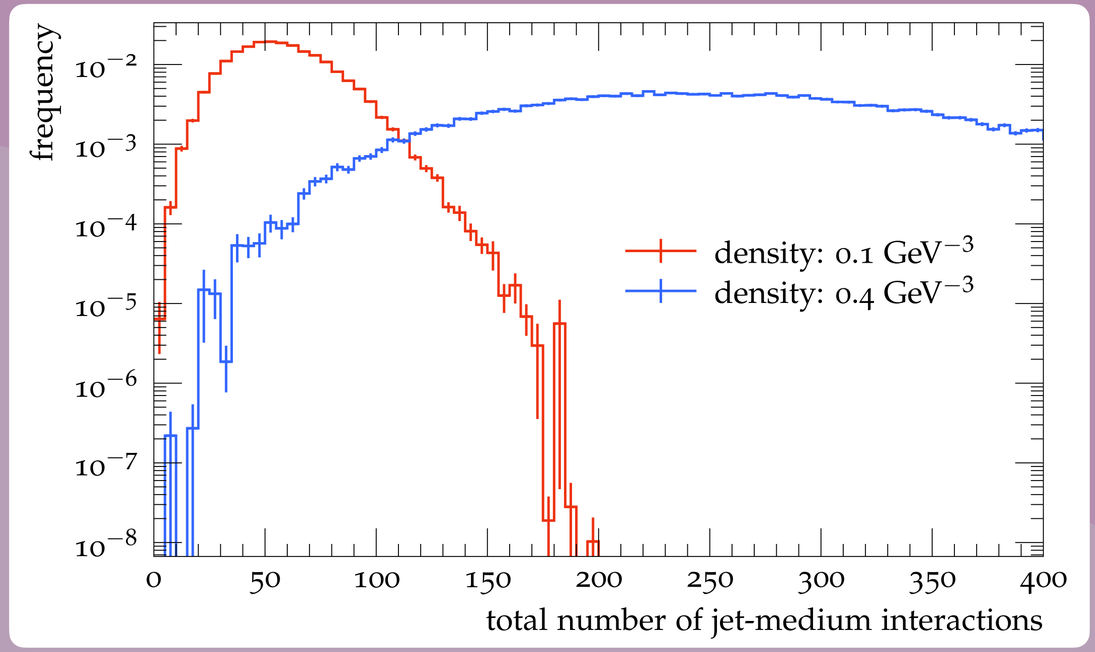
JEWEL jets in a brick-like medium

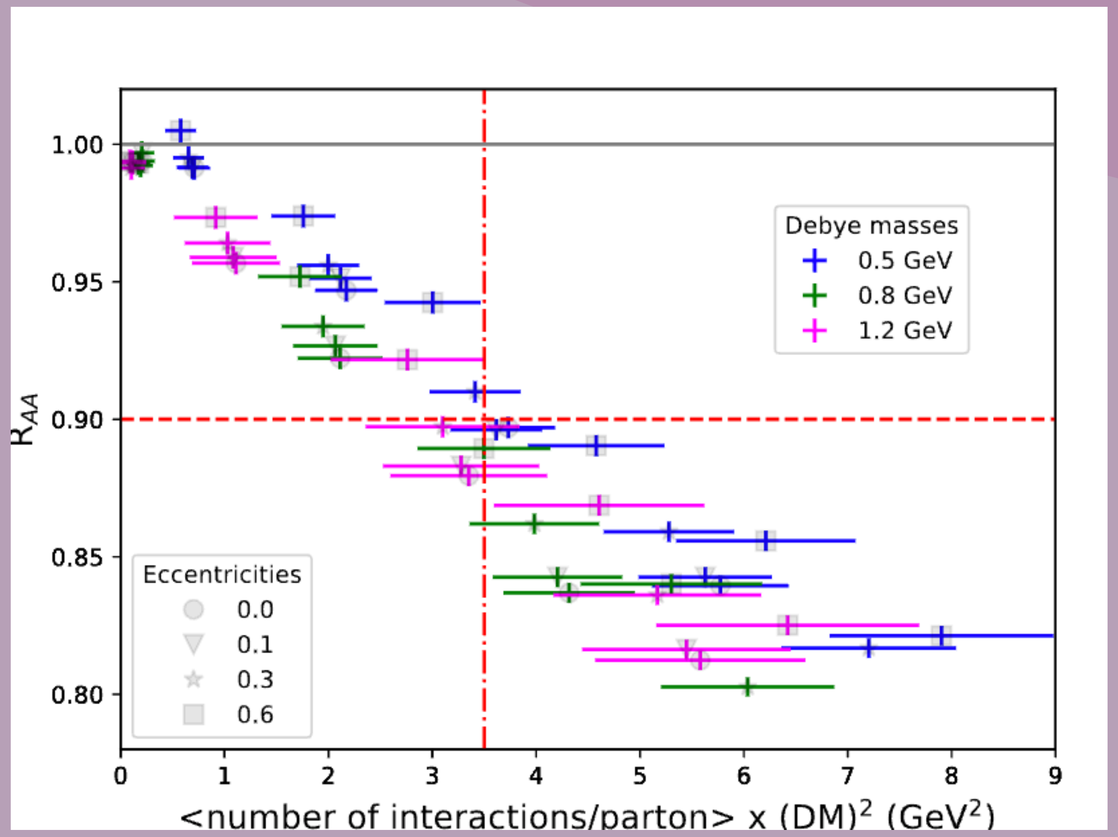
- For each density we obtain a distribution in number of interactions with a well defined average

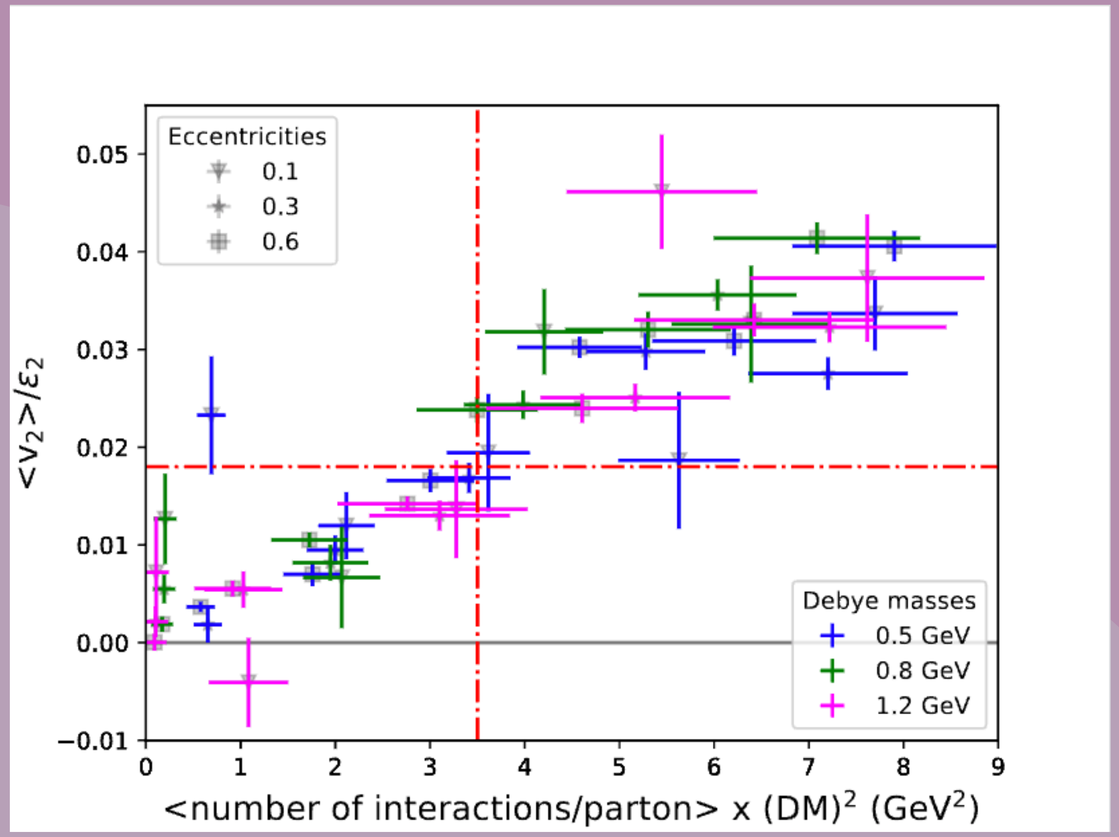




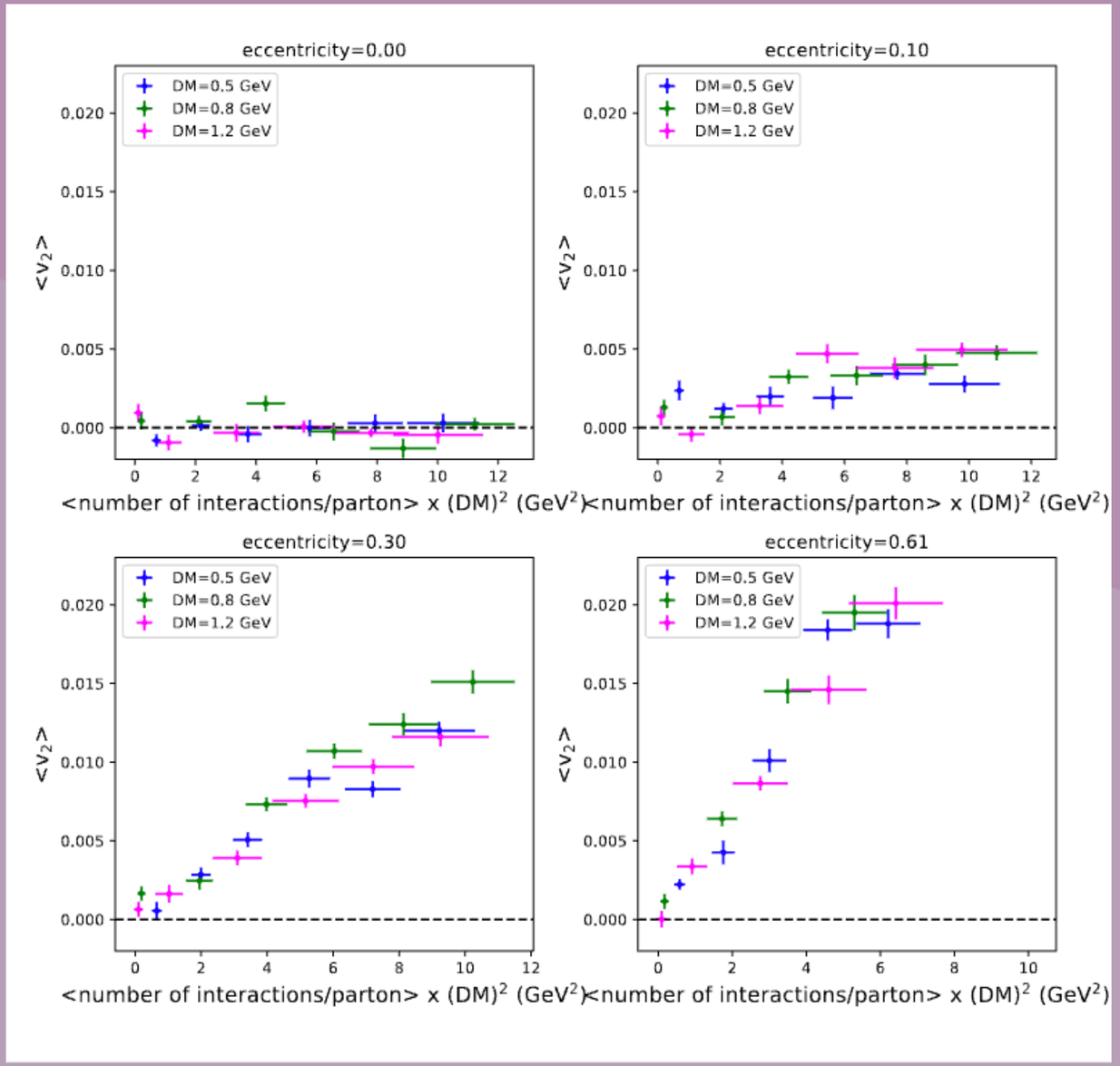
JEWEL jets in a brick-like medium

- At about 3.5 GeV^2, a 10% effect in R_{AA} is observed
- v_2 can be seen well before that





Back up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eccentricity=0.30
eccentricity=0.61
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DM=0.8 GeV
DM=1.2 GeV
<v2>
<number of interactions/parton> x (DM)2 (GeV2)