

EMMI diagram with LBT simulation

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- Initial parton shower from **Pythia8**, Single inclusive jet.
- **only take the leading jet, No pT cut for the final Jet.**

Au+Au 200 GeV pTHat in (40~50) GeV, centrality: 0-10%, event averaged ideal hydro profile (**CLVisc**).

Pb+Pb 5.02 TeV pTHat in (70~80) GeV, centrality: 0-10%, event by event ideal hydro profile (**CLVisc**).

- **Only final parton information**, particles from medium recoil and back reaction are labeled.

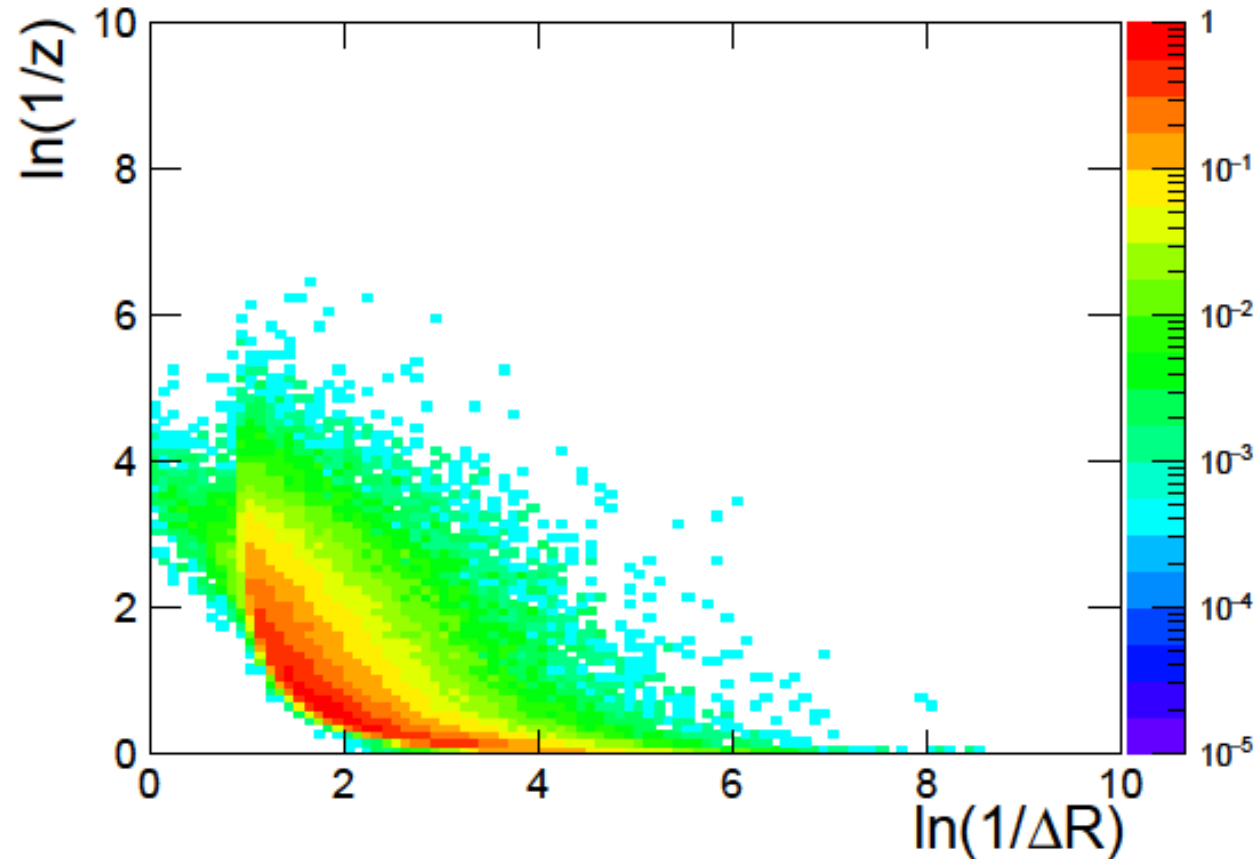
Au+Au 200 GeV, $p_{T\text{Hat}}$ in (40~50) GeV, centrality: 0-10%

200 GeV

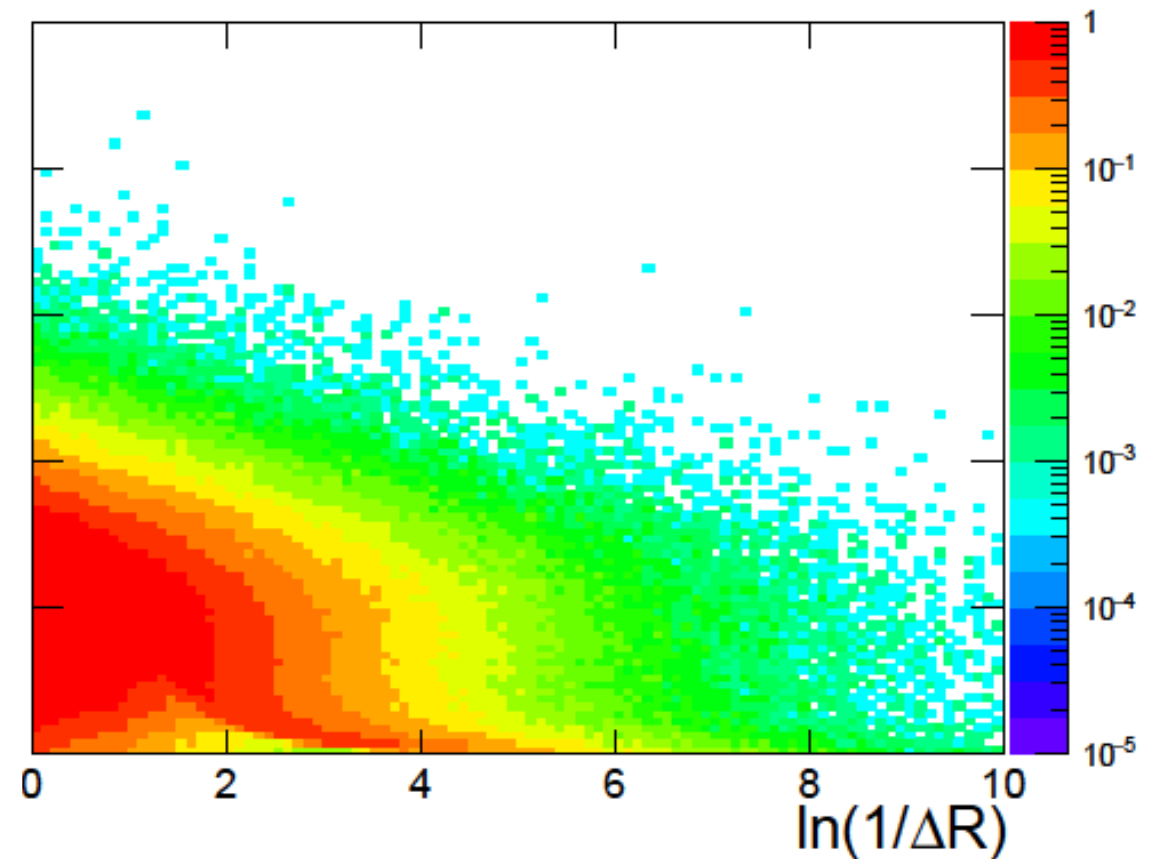
only take the leading jet, No p_T cut for the final Jet, Parton level

Emmi plane pp (Pythia8 parton level)

Jet constituents



All parton



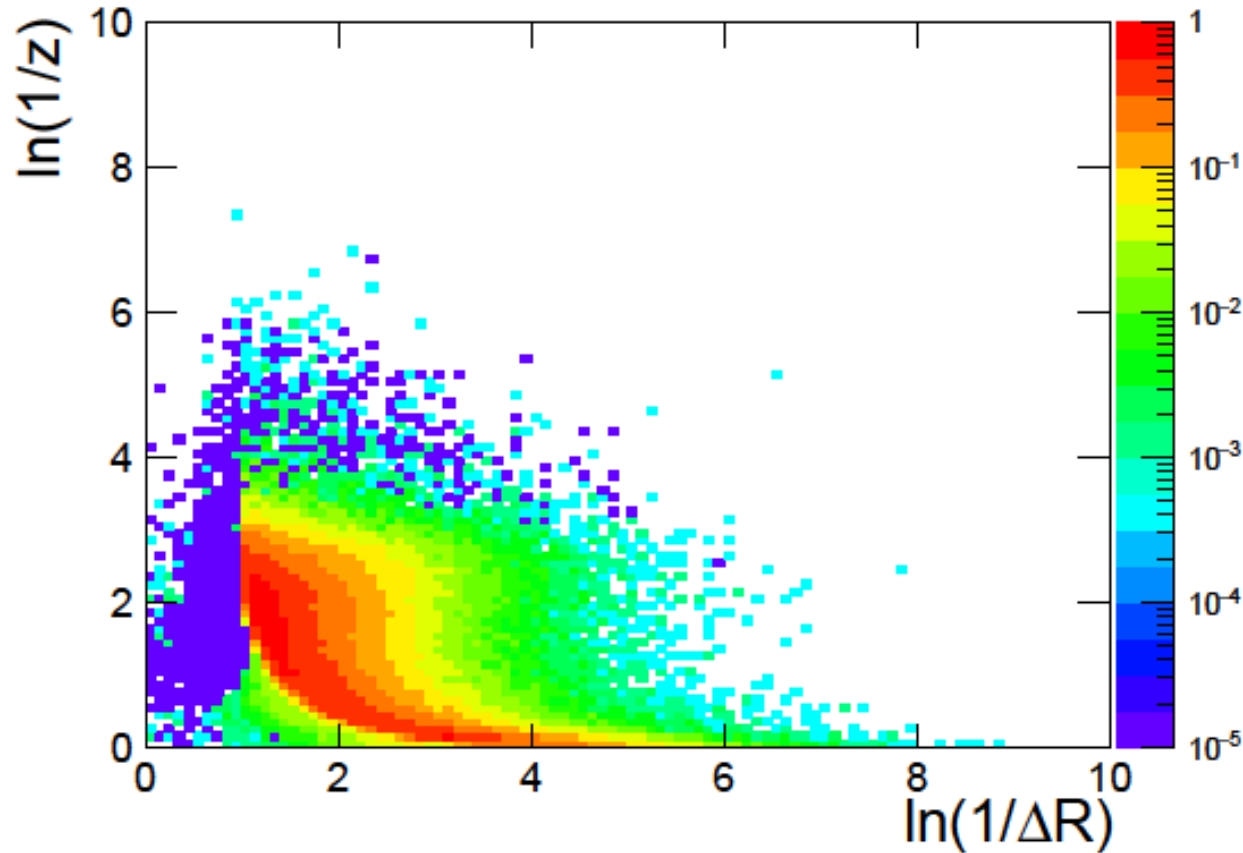
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200 GeV

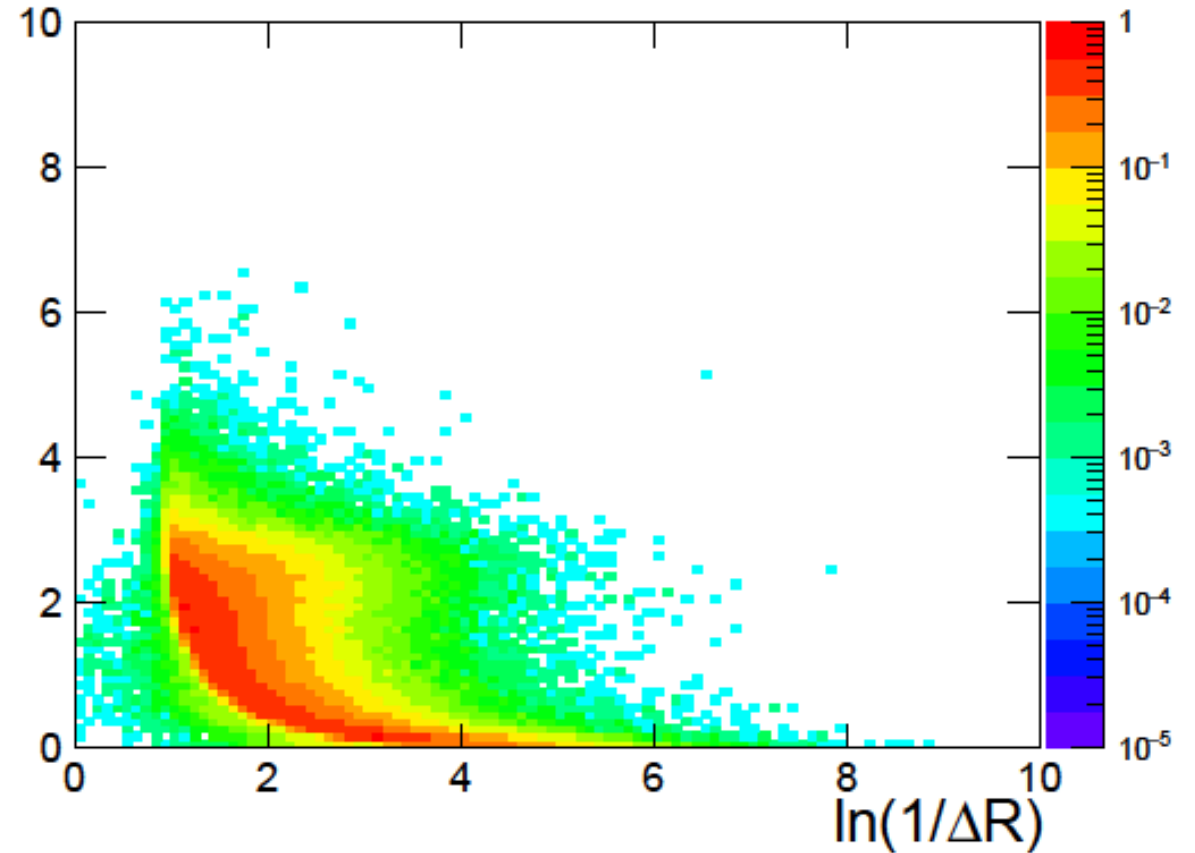
only take the leading jet, No p_T cut for the final Jet, Parton level

Jet constituents in AA

With Medium Response



Without Medium Response

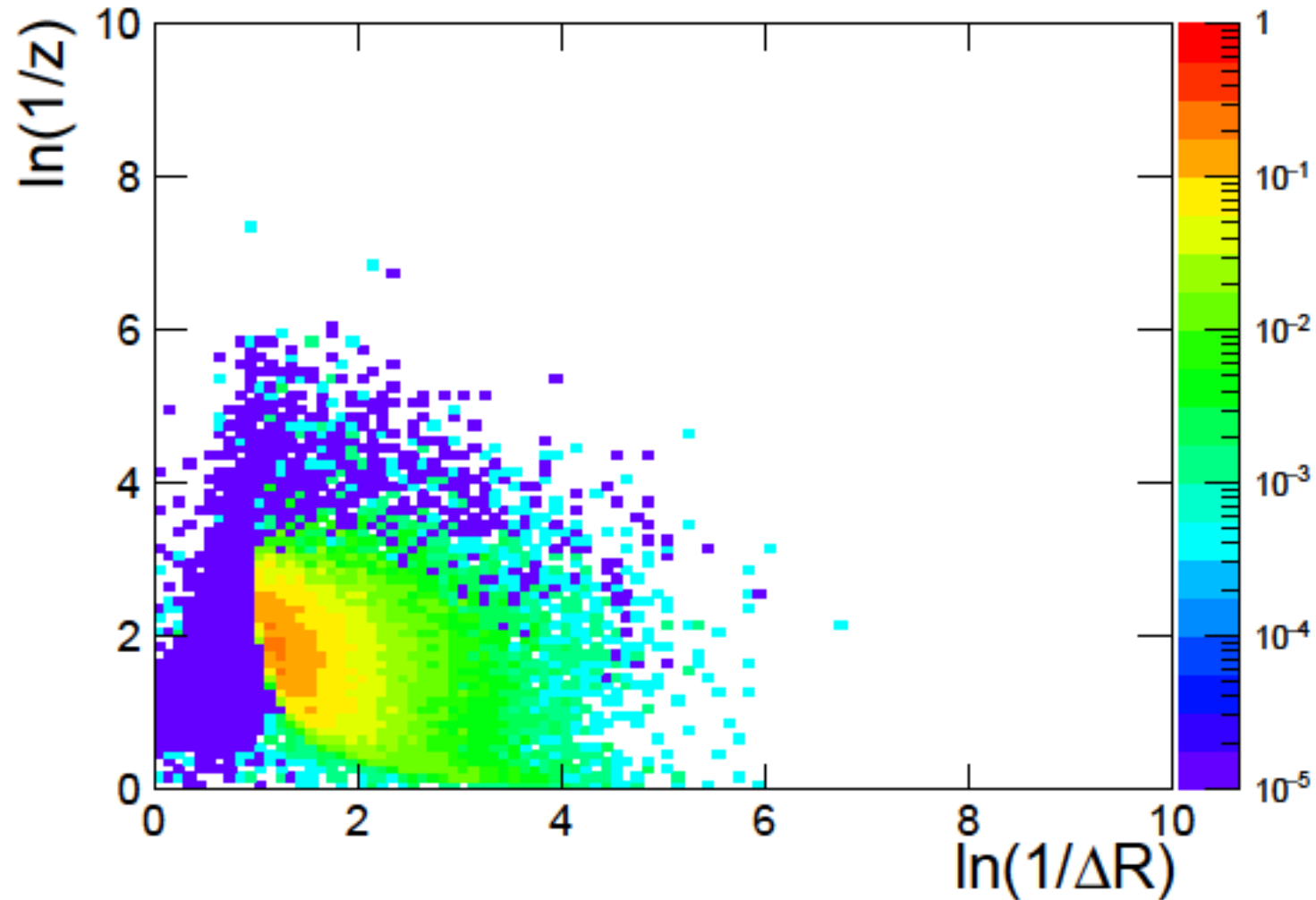


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Medium Response



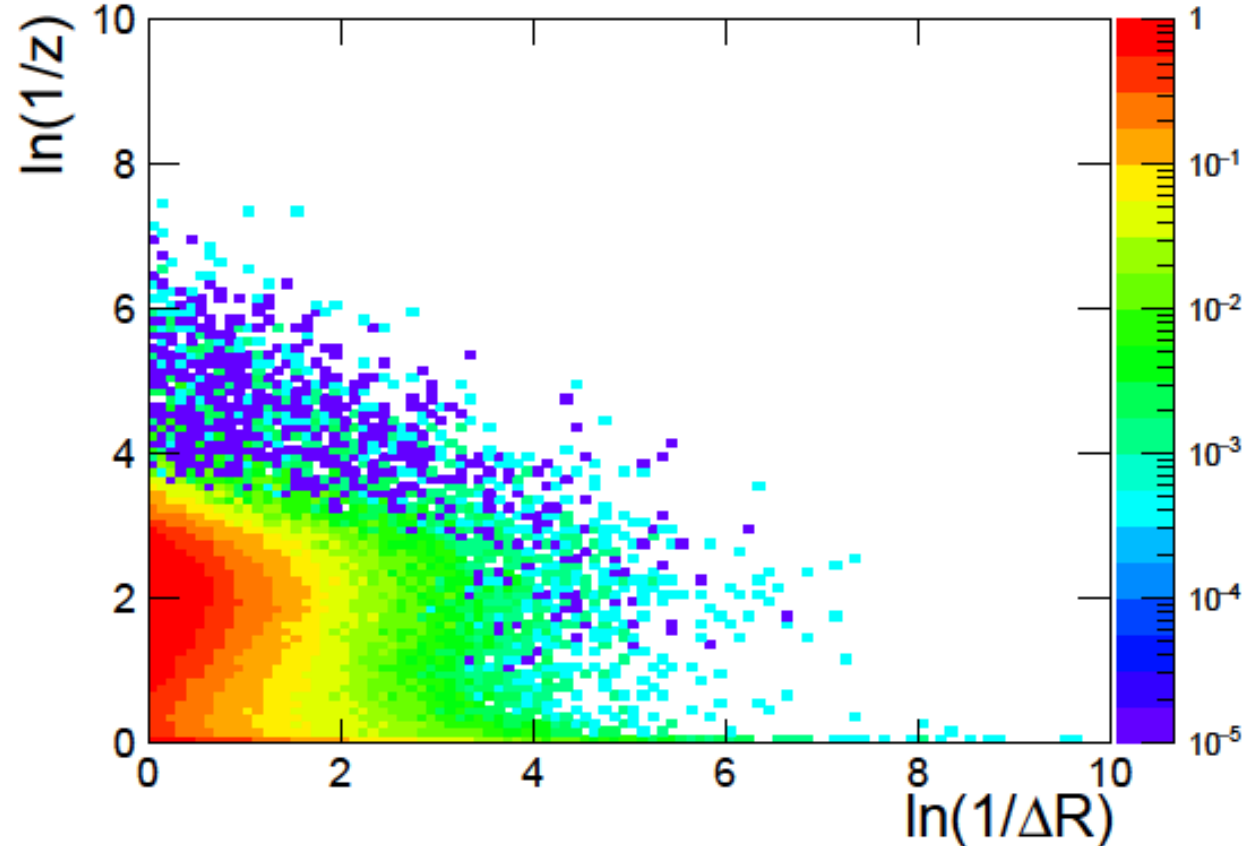
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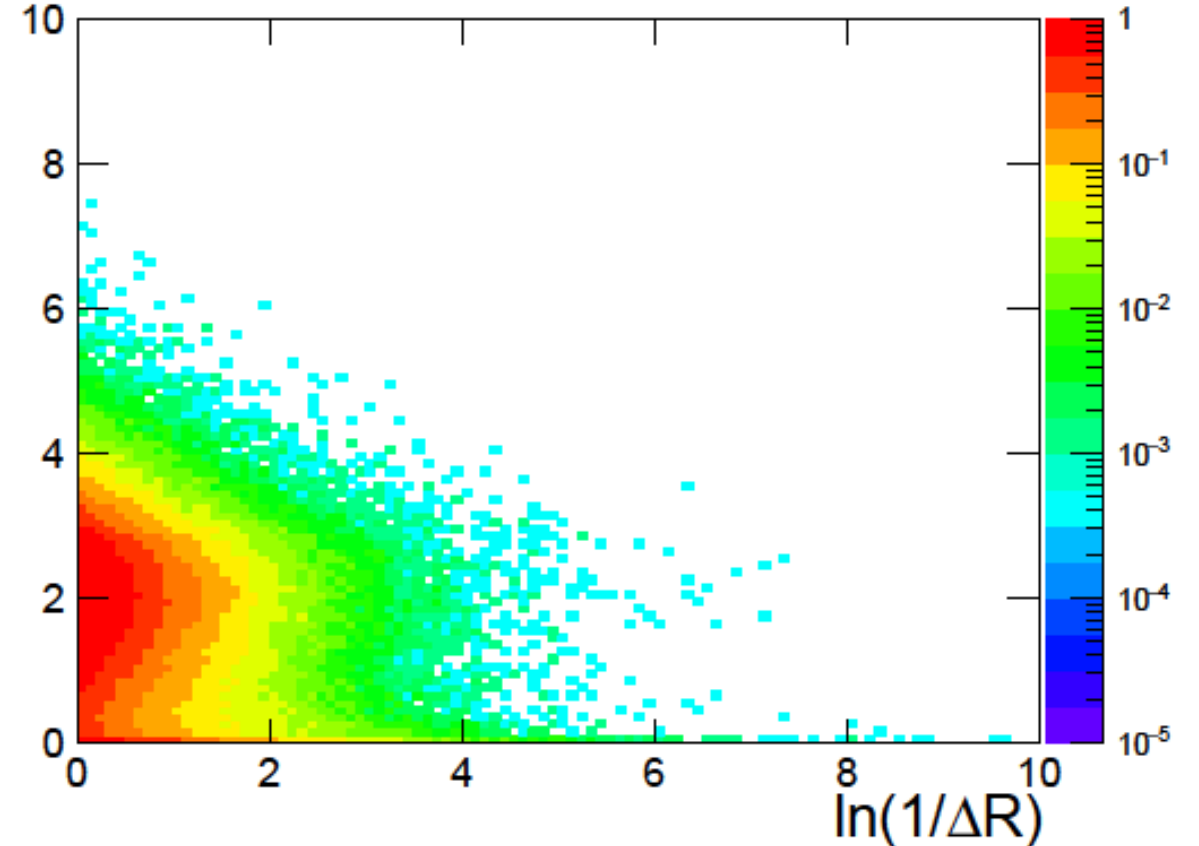
200 GeV

All parton in AA

With Medium Response



Without Medium Response



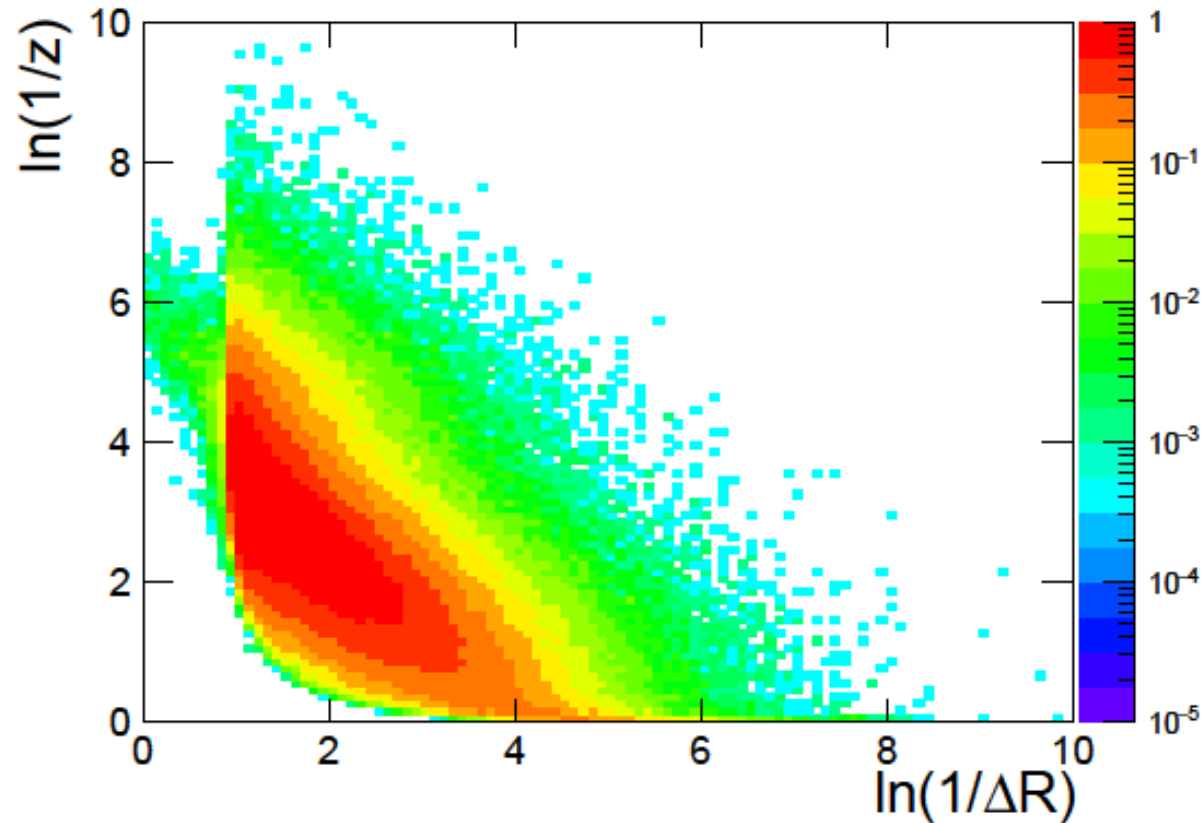
Pb+Pb 5.02 TeV pTHat in (70~80) GeV, centrality: 0-10%

5.02 TeV

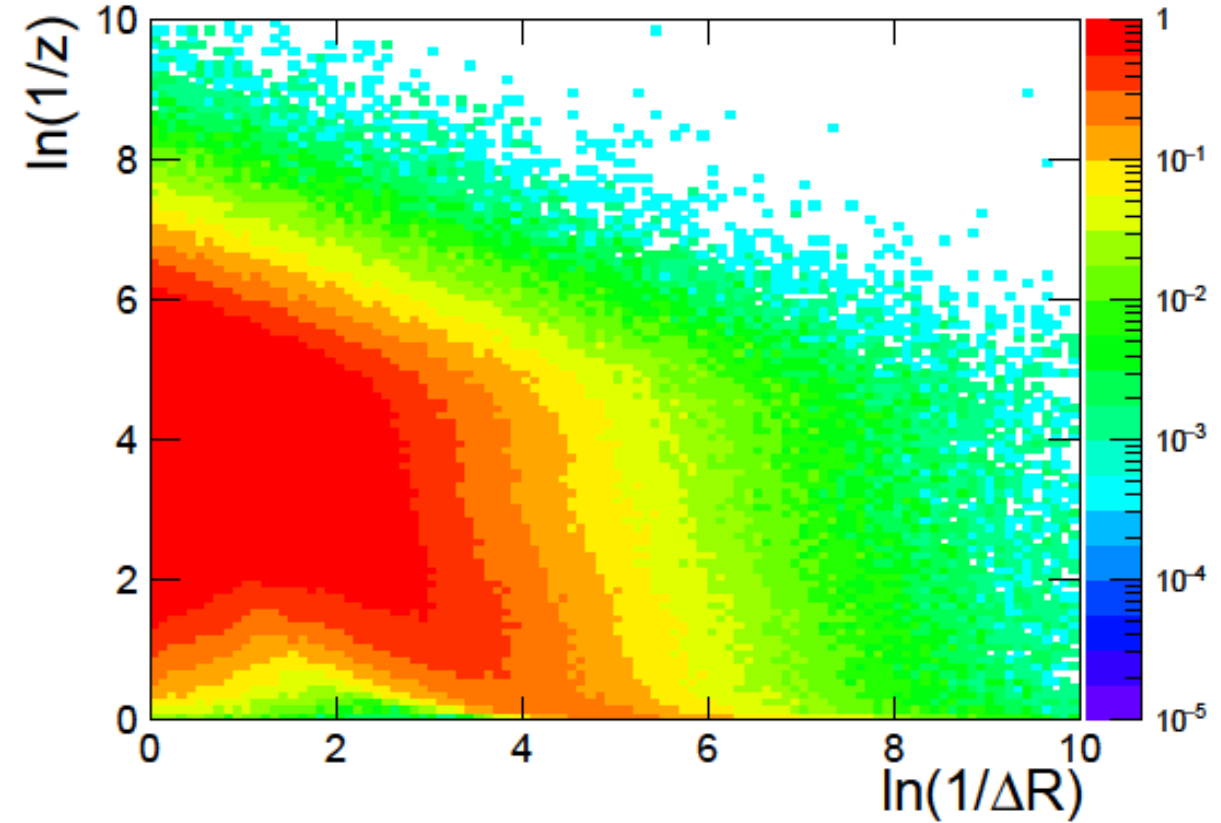
only take the leading jet, No pT cut for the final Jet,, Parton level

Emmi plane pp (Pythia8 parton level)

Jet constituents



All parton



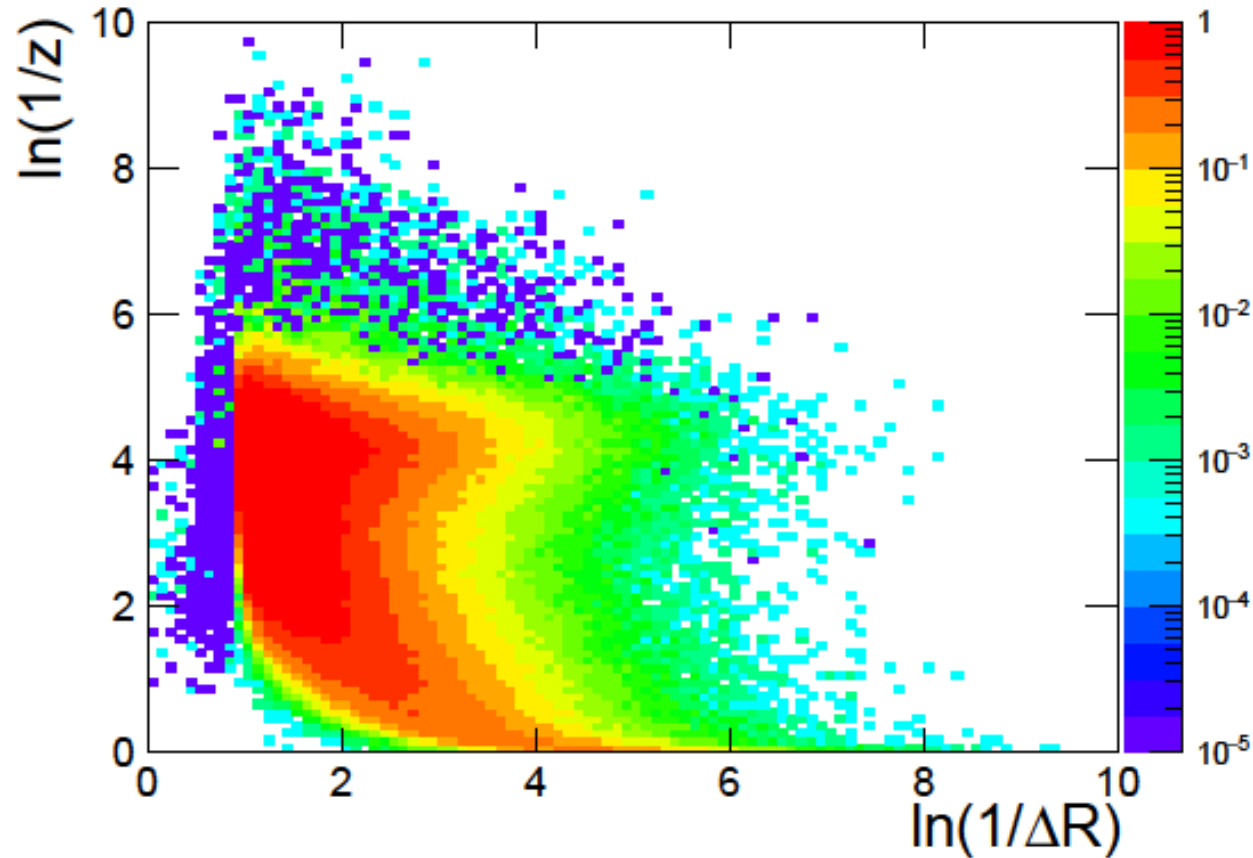
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5.02 TeV

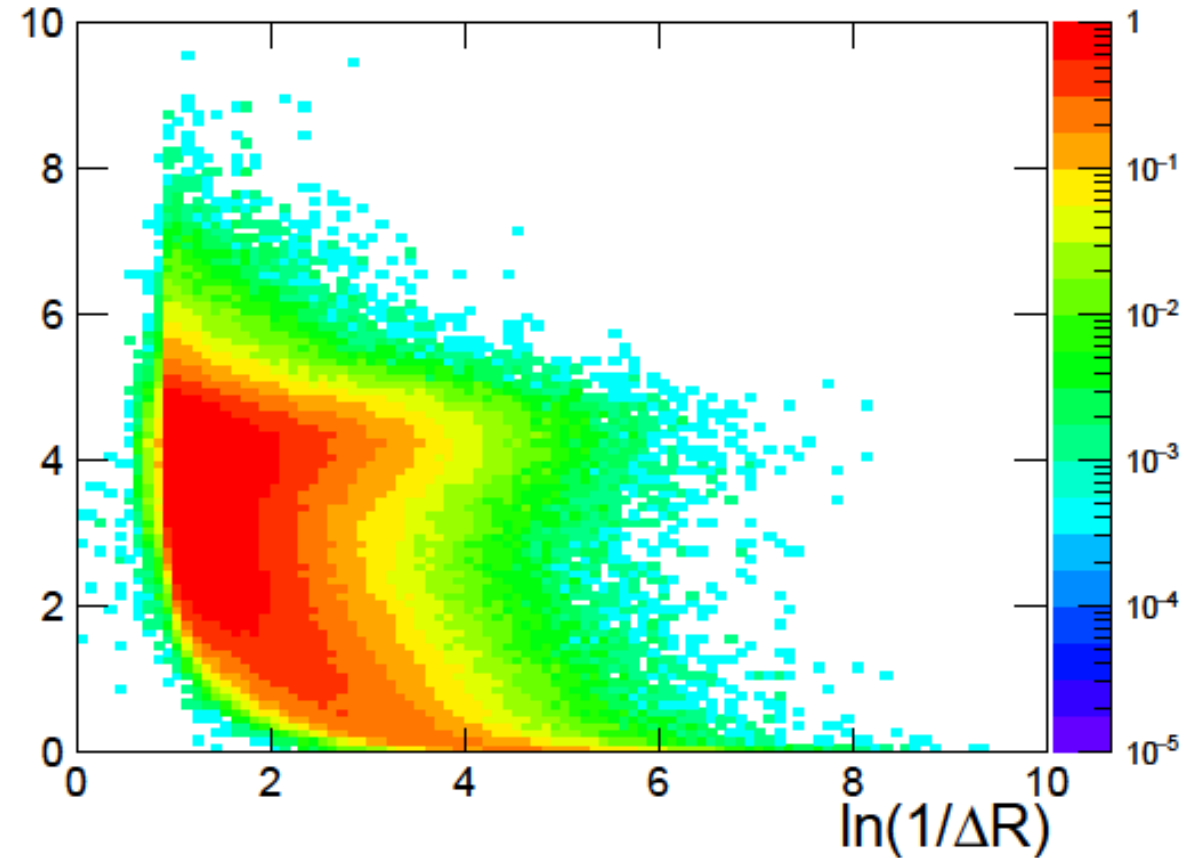
only take the leading jet, No pT cut for the final Jet,, Parton level

Jet constituents in AA

With Medium Response



Without Medium Response

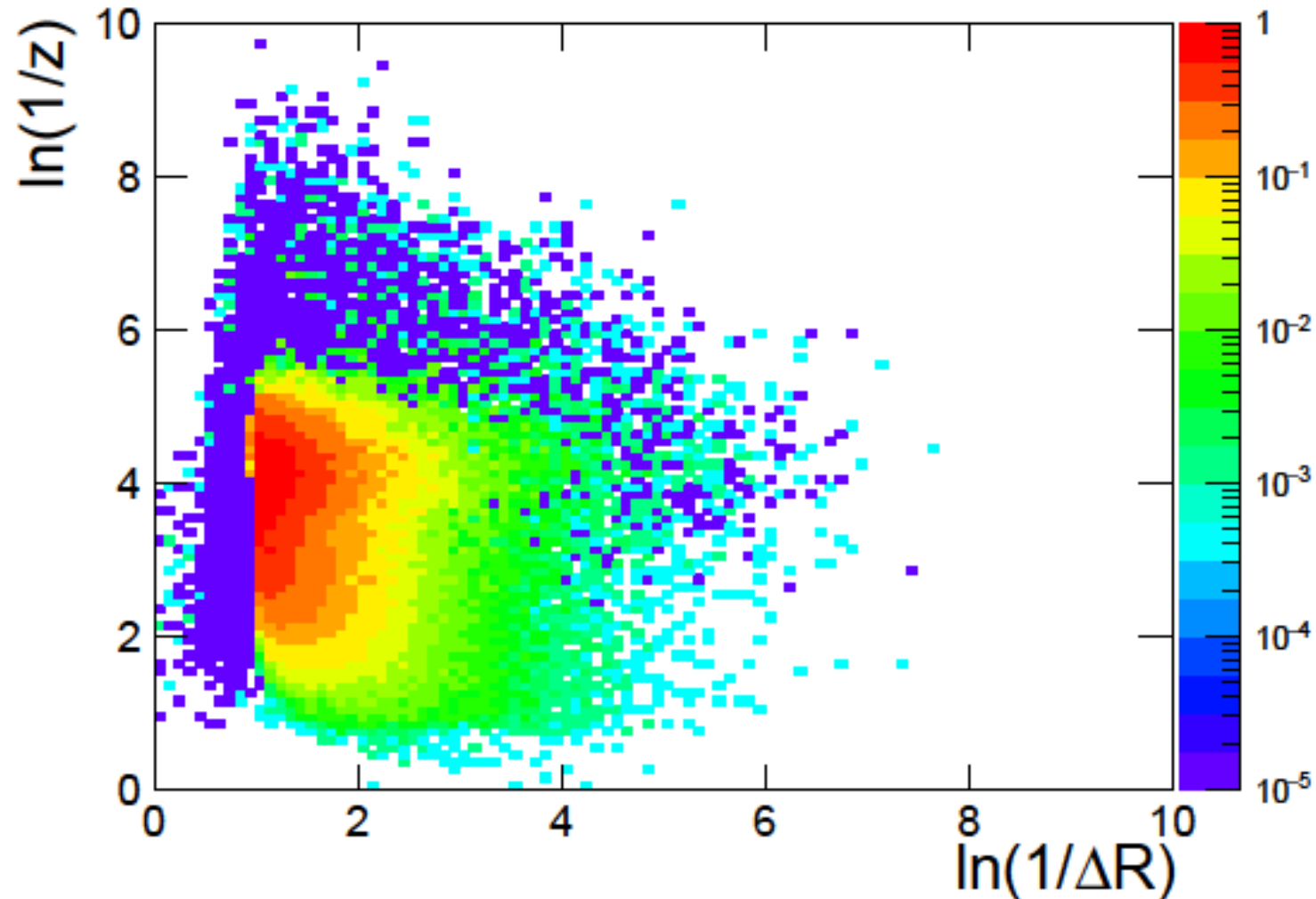


Pb+Pb 5.02 TeV pTHat in (70~80) GeV, centrality: 0-10%

5.02 TeV

only take the leading jet, No pT cut for the final Jet,, Parton level

Medium Response



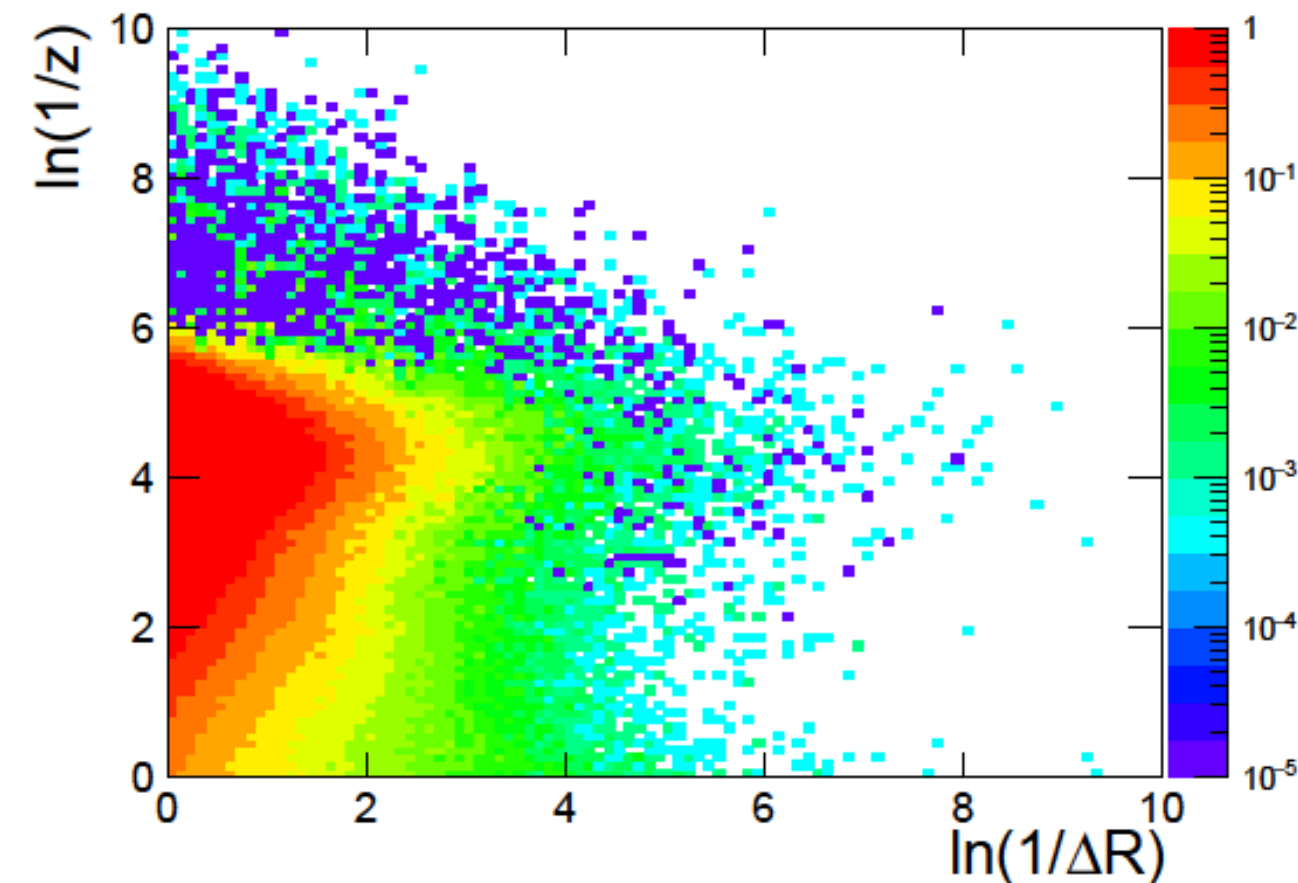
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All parton in AA

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