

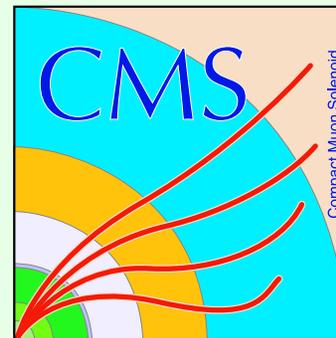
Black Hole Physics at CMS

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JetMet Topology
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On behalf of

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Status

- We have installed CMSSW into our local machine
so far so good. It works fine in some level (Godang)

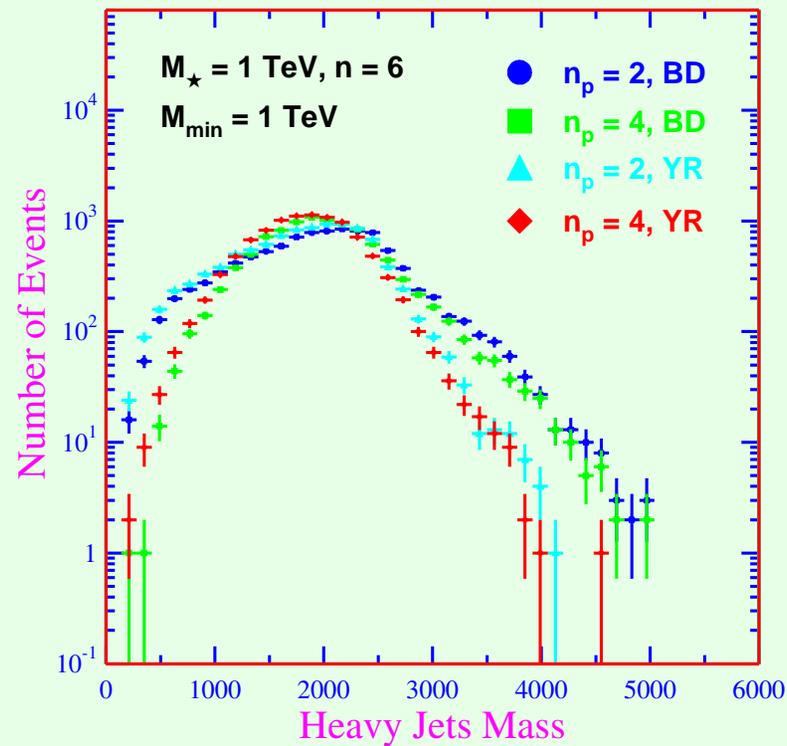
- More checking is needed, in progress...

- We installed CMSSW180pre8 and CMSSW200pre2

- Which version of CMSSW that we need to work with ?

Jets Mass Distribution

□ Jets mass distribution (Godang)



□ This plot includes initial and final state radiation

BD model produces more massive BH than YR model (on average)

- Left side of jets mass → BH final decay
- Right side of jets mass → BH evaporation

Jets Mass Distribution

□ Number of Jets (Jenkins)

