



हैदराबाद विश्वविद्यालय  
University of Hyderabad

# My Progress

## MonoHiggs Group presentation

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Prayag Yadav

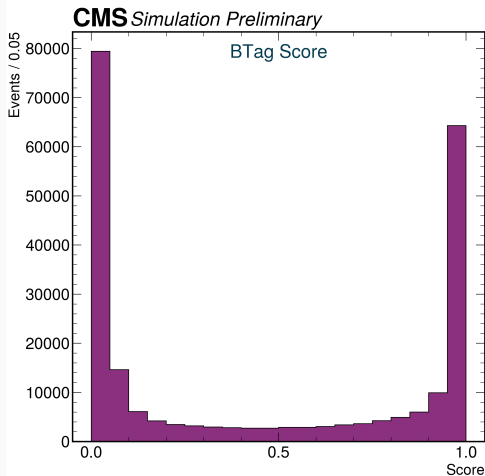
October 5, 2023

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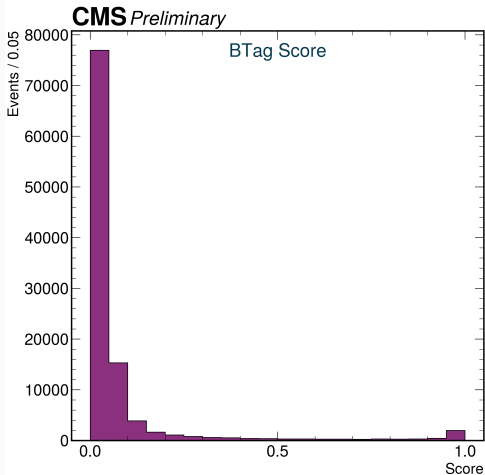
## 1. Basic kinematic plots

## Basic kinematic plots without selections, corrections and Scale Factors

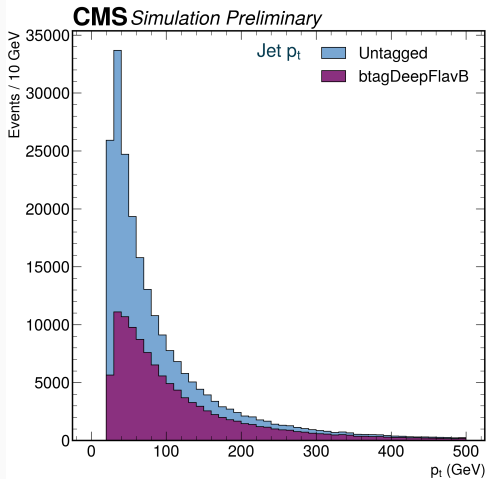
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**Figure 1:** BTag score for signal MC sample



**Figure 2:** BTag score for Data samples



**Figure 3:** Jet  $p_t$  of signal MC samples

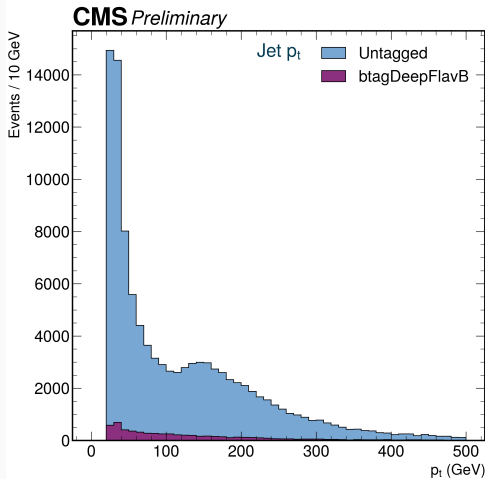
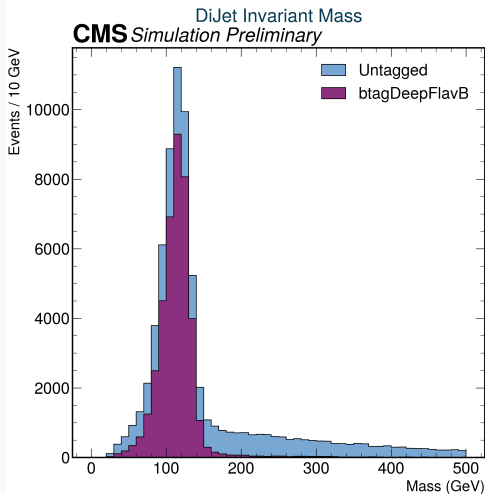
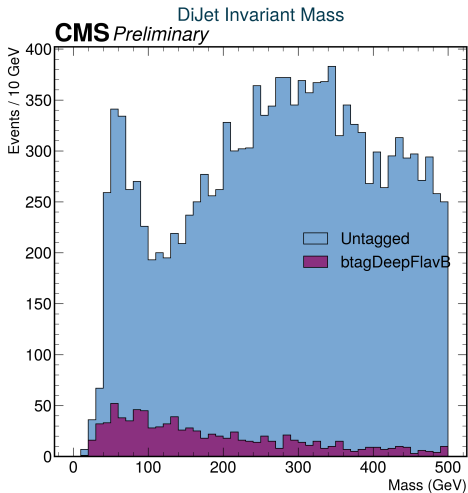


Figure 4: Jet  $p_t$  of Data samples



**Figure 5:** Dijet mass of signal MC samples





**Figure 6:** Dijet mass of Data samples

