

# Hadronic Decay Channel: Jet Studies

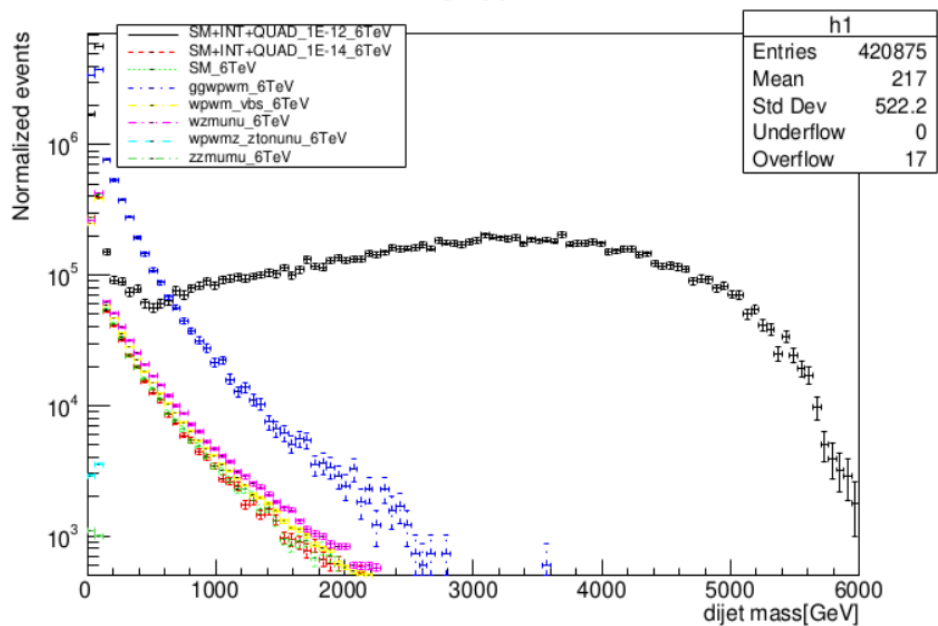
Mayuri Kawale

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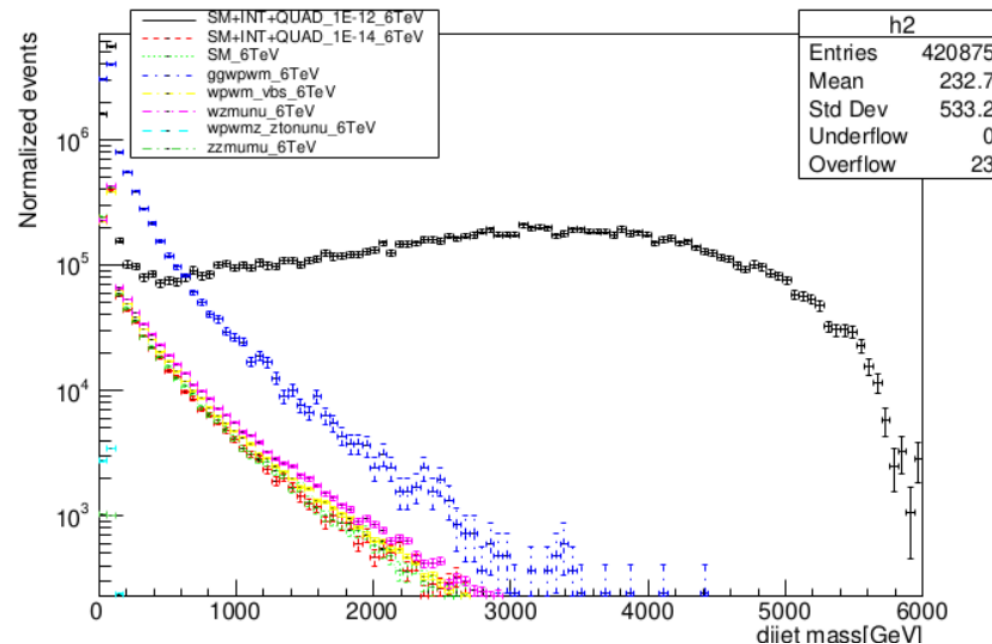
# Introduction

- We are looking at Valencia jets with  $R = 0.5, 0.7, 1$  and  $1.2$  and  $N=2$  using exclusive jet clustering algorithm.
- In the following slides, we look at various parameters like dijet: mass,  $p_T$ ; leading jet: mass,  $p_T$ ,  $\eta$ ,  $p_T$  vs  $\eta$ ; second leading jet: mass,  $p_T$ ,  $\eta$ ; and jet multiplicity plots.
- All the plots are normalized using cross-section and luminosity ( $4 \text{ ab}^{-1}$ )

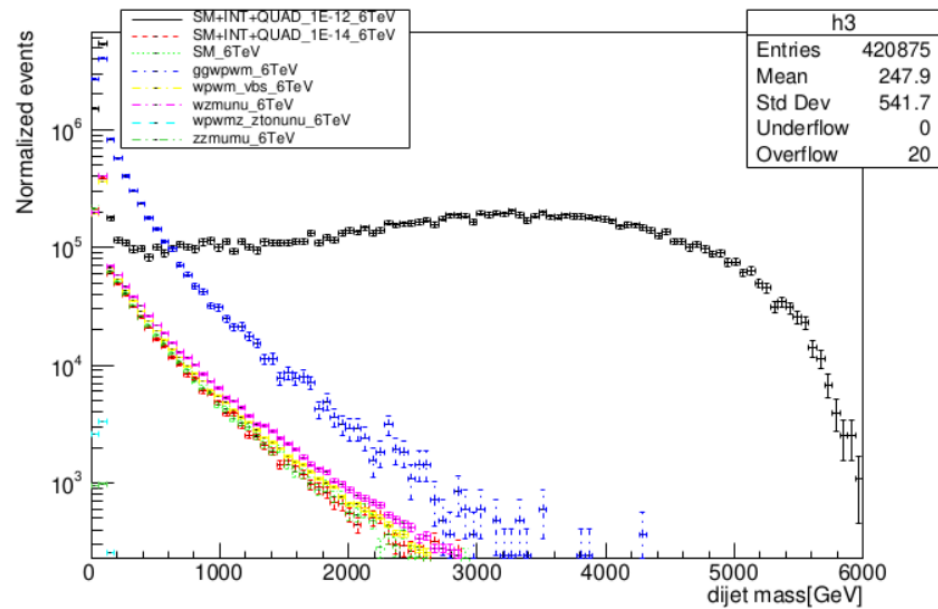
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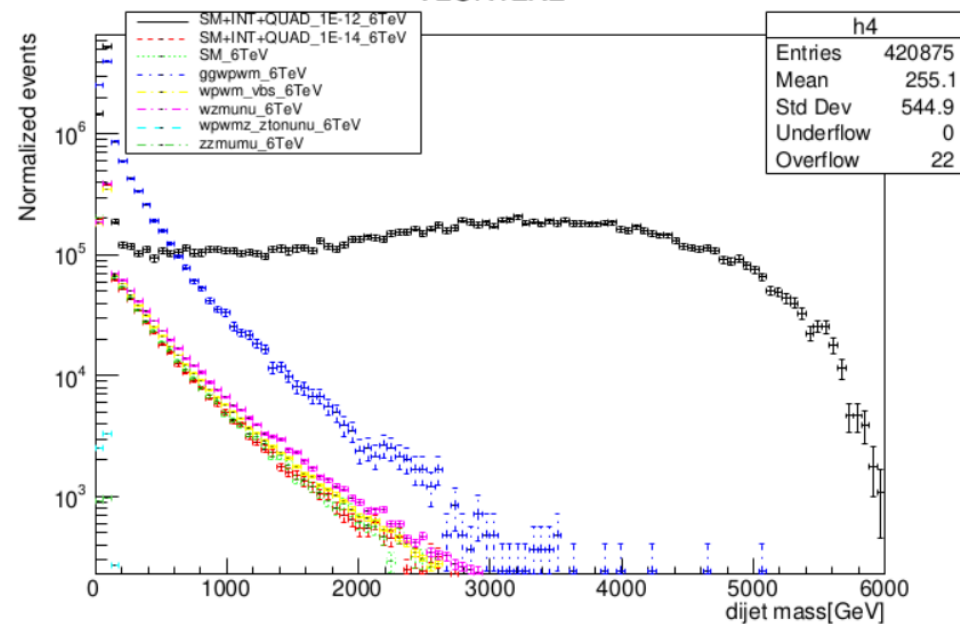
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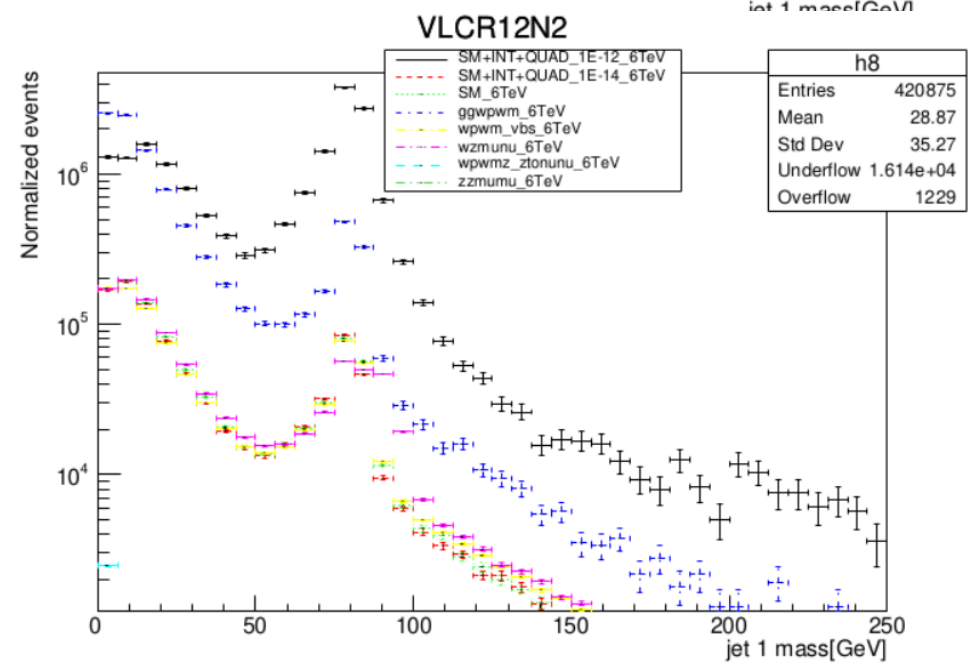
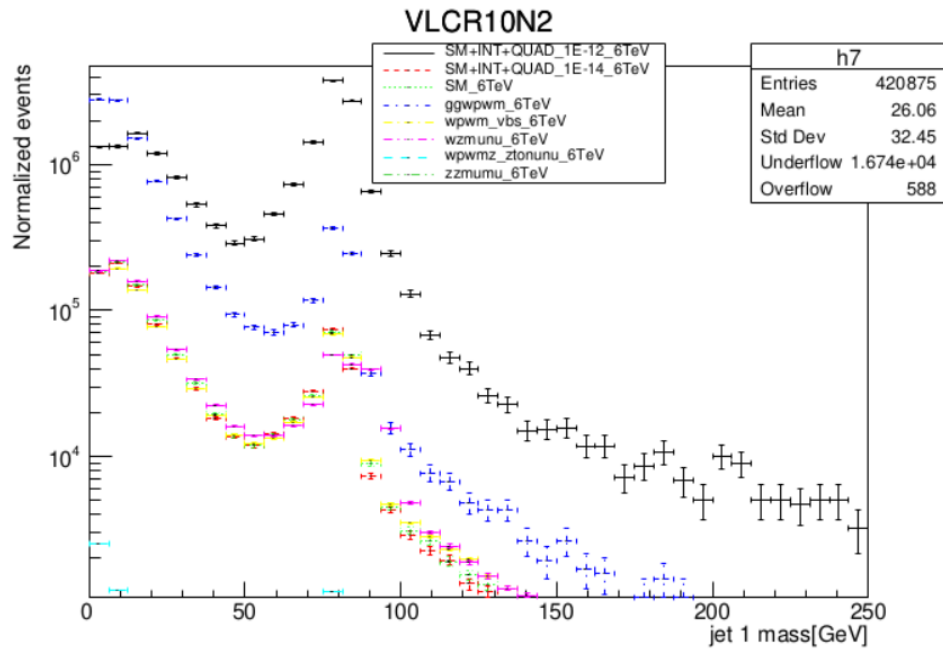
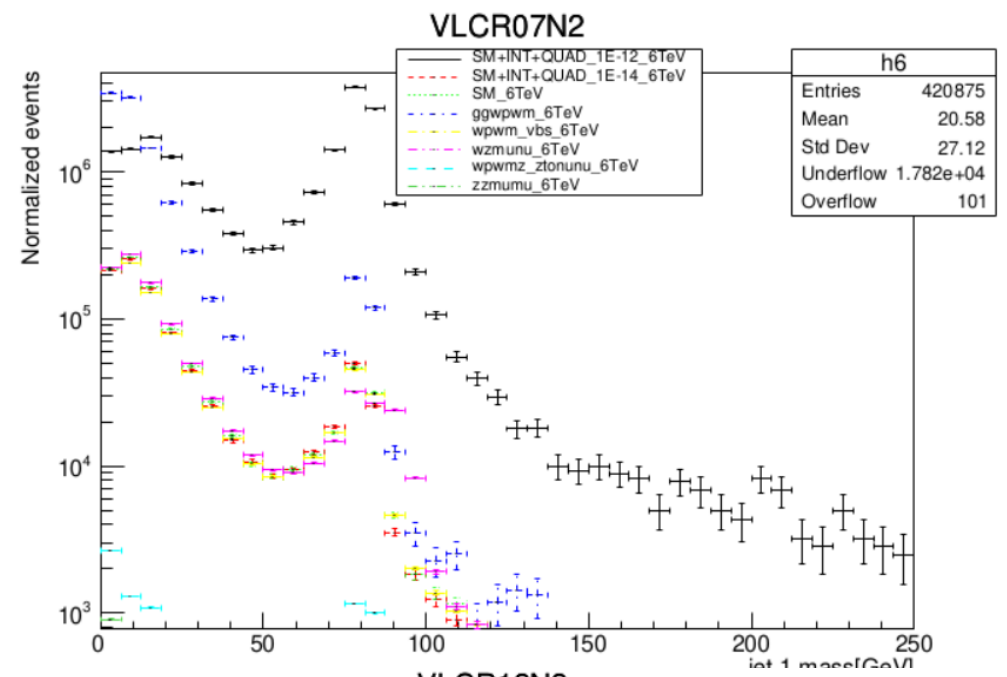
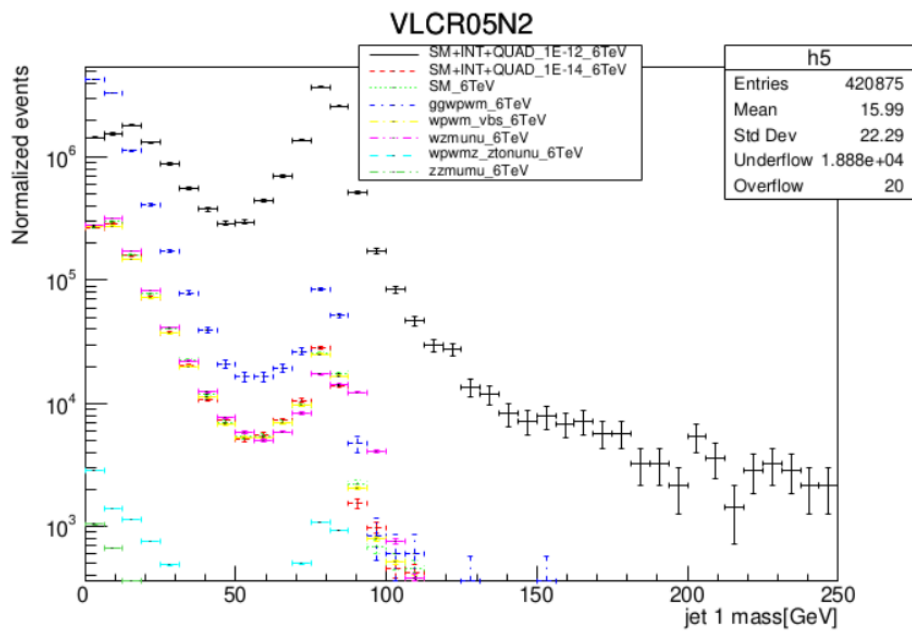


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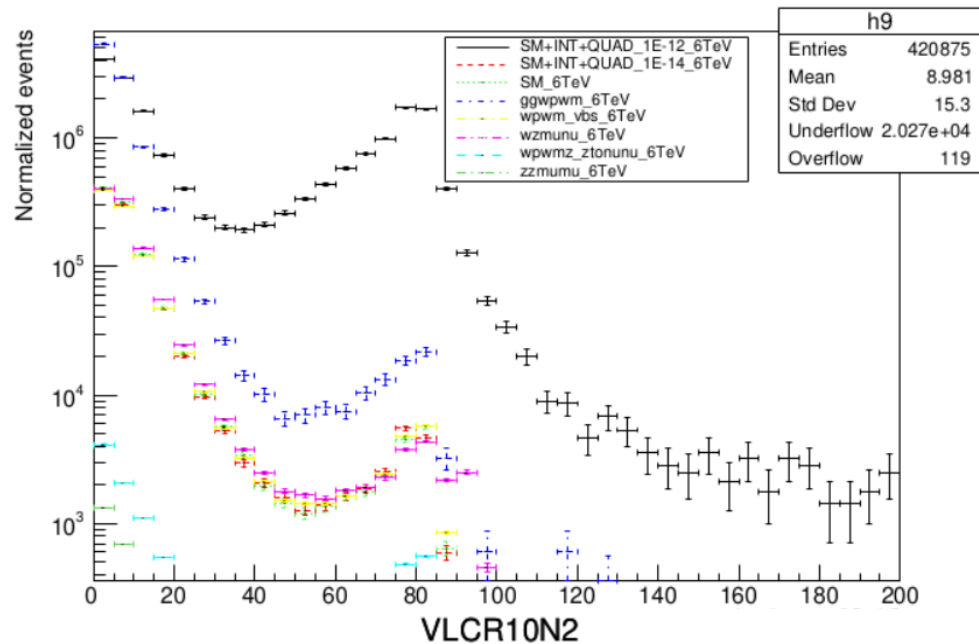


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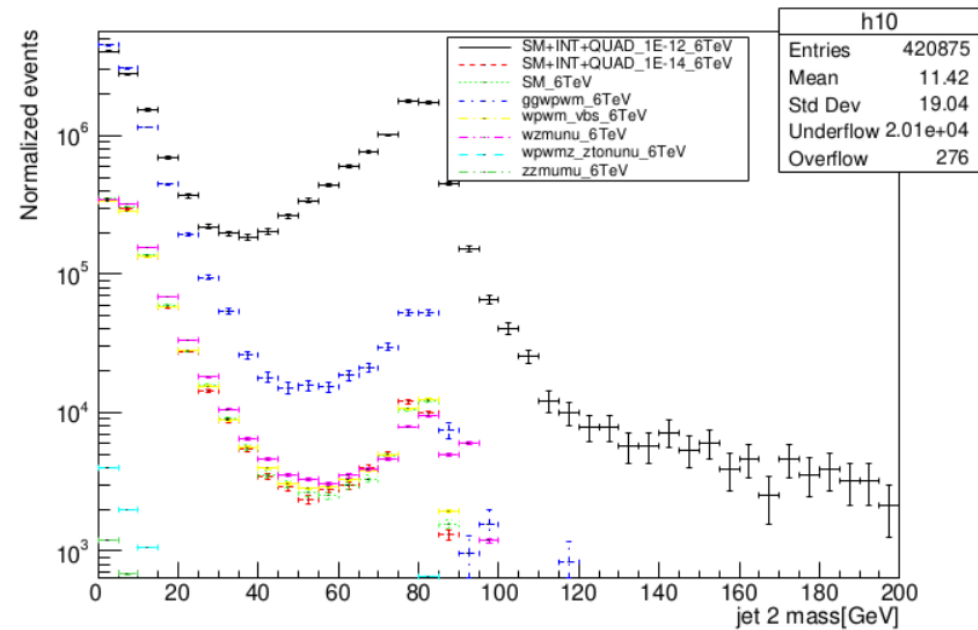




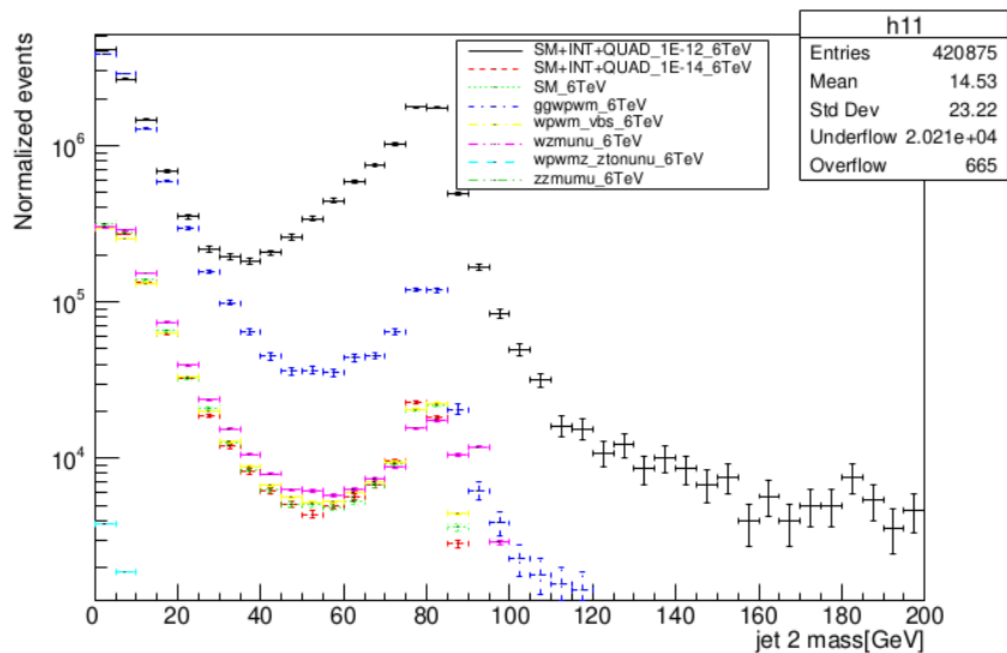
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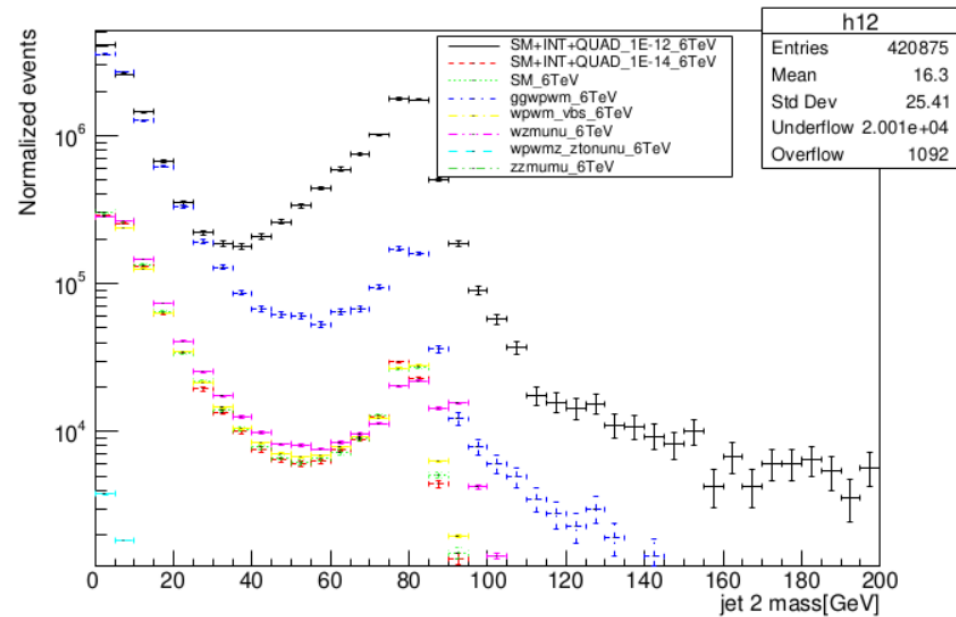
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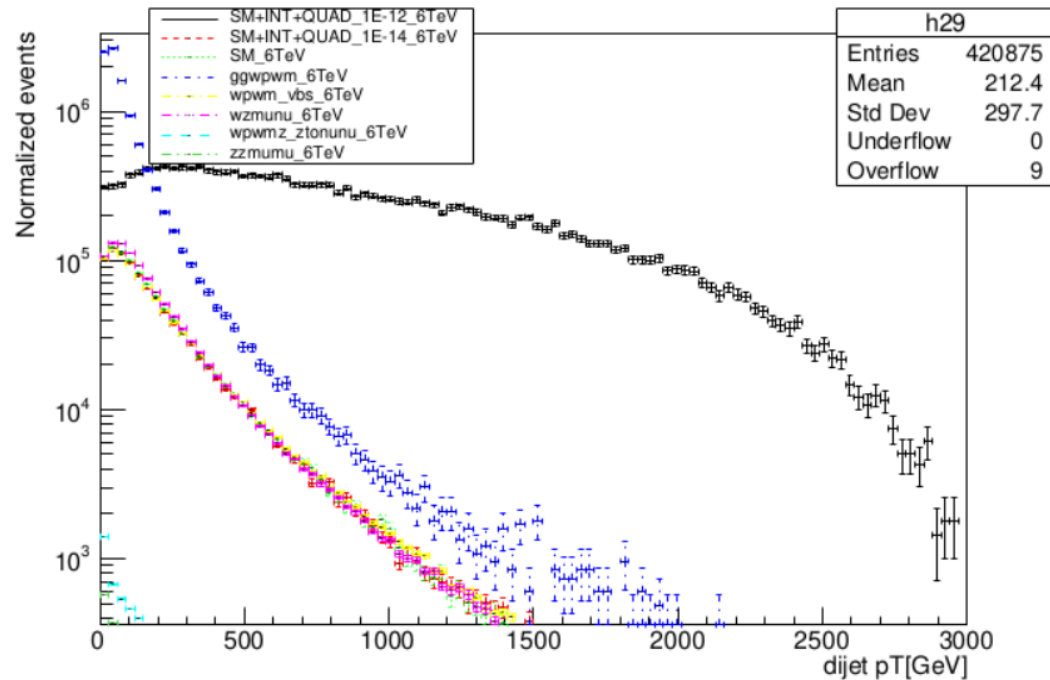
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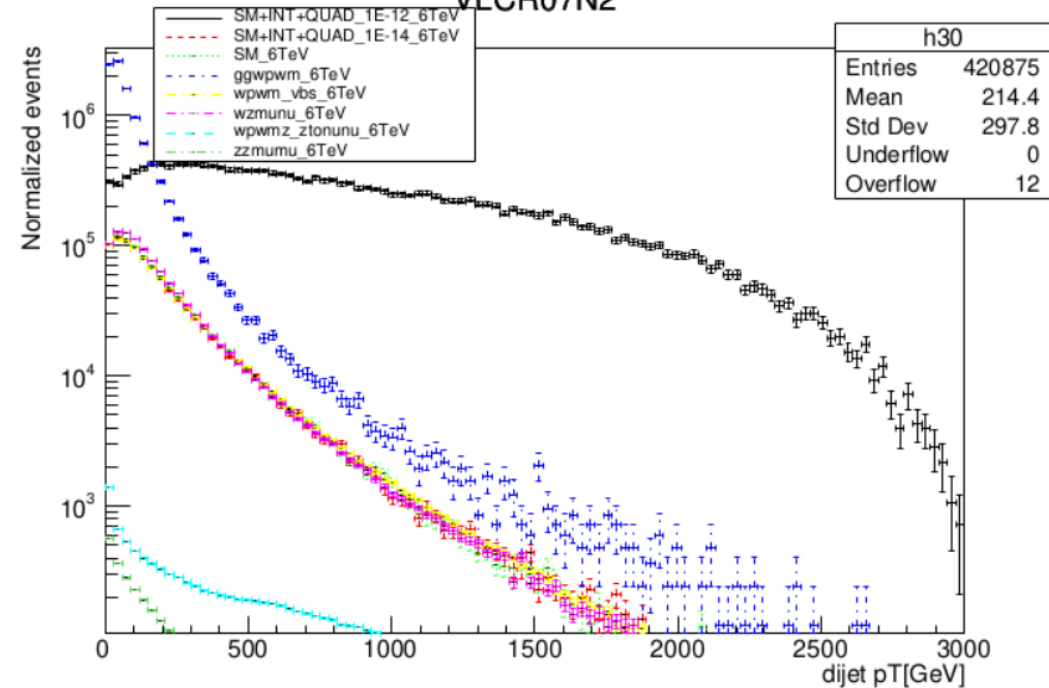
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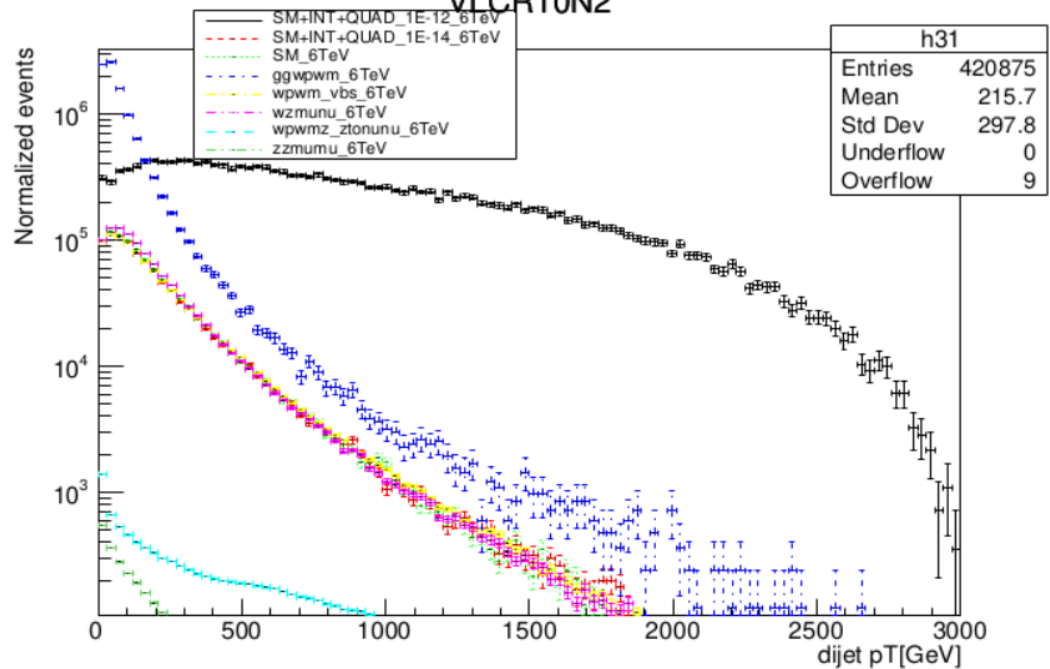
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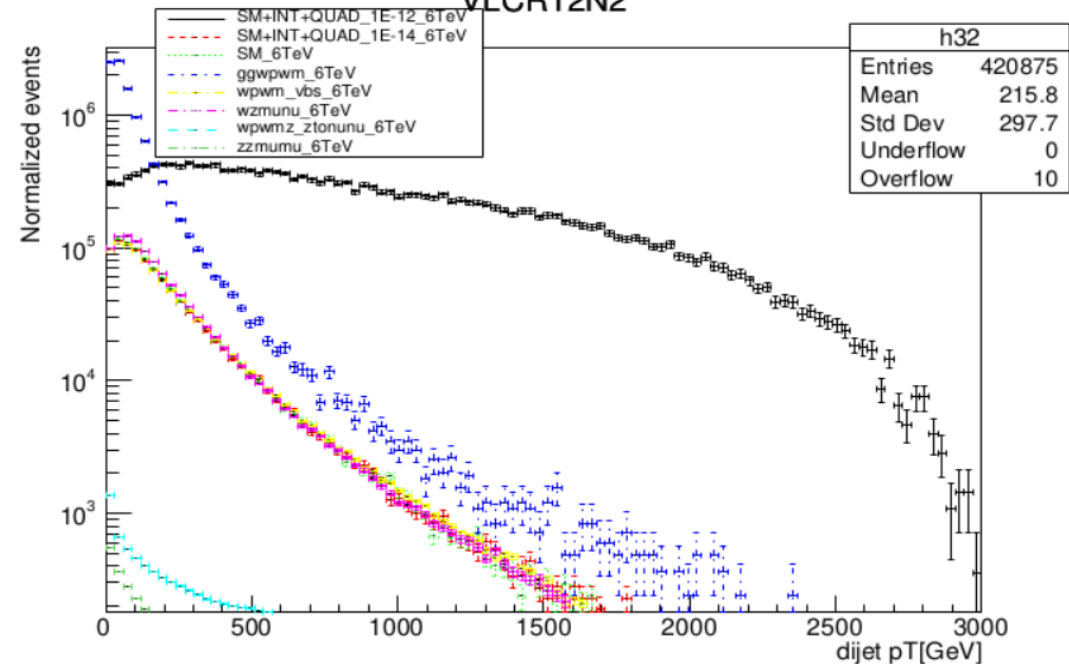
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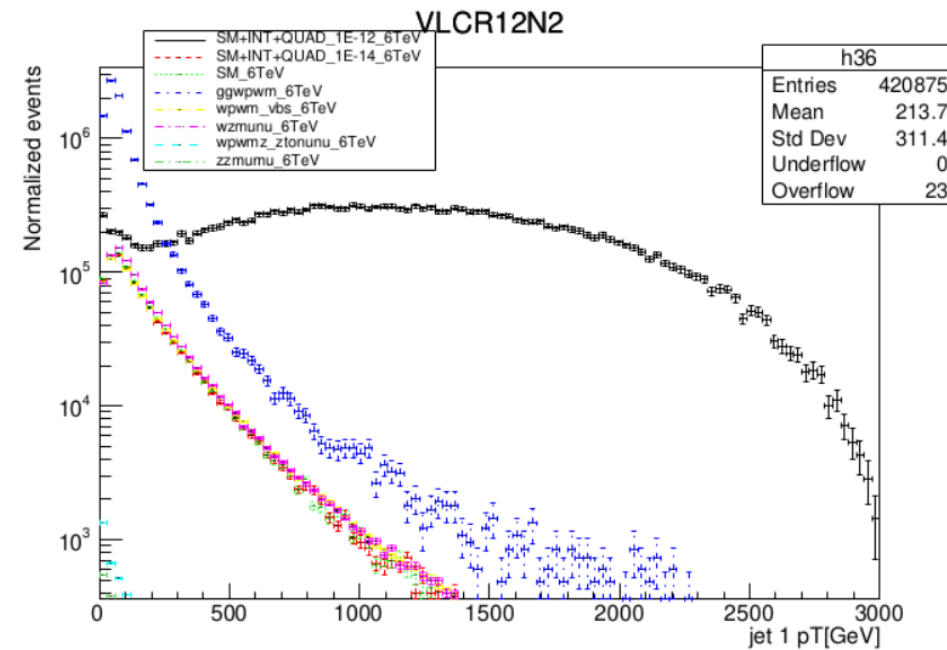
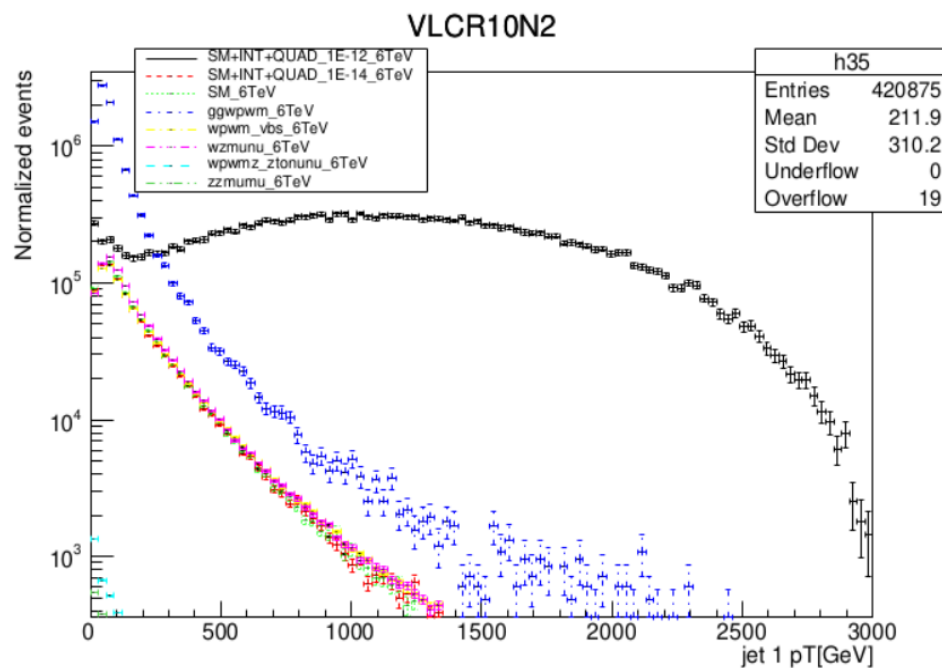
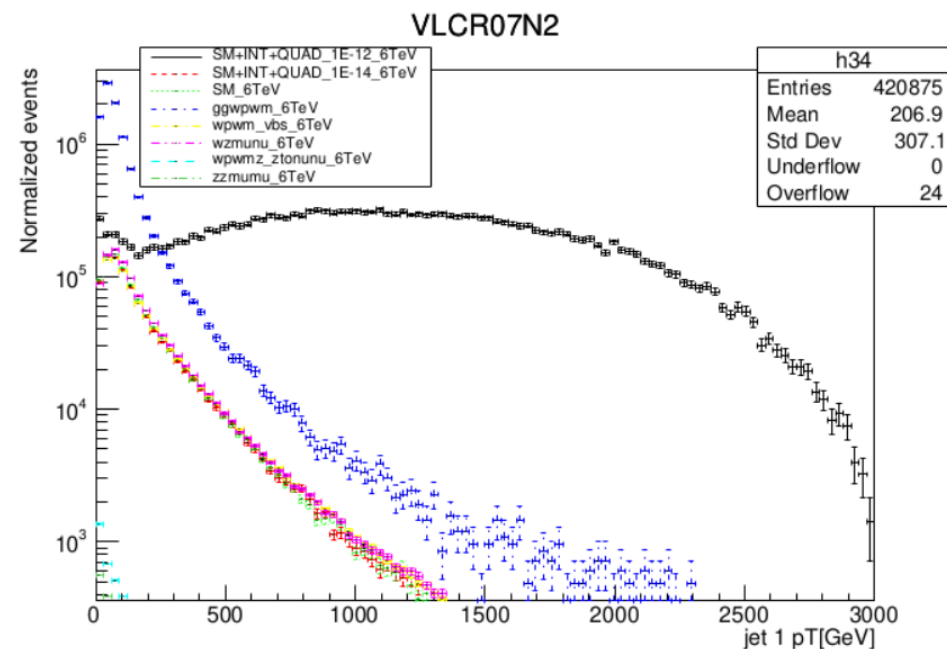
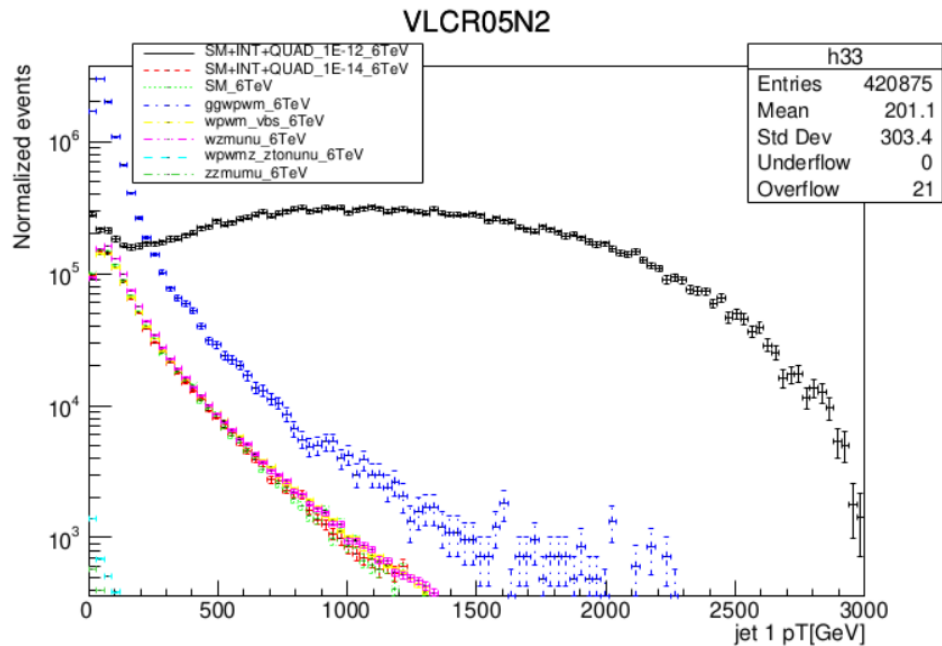


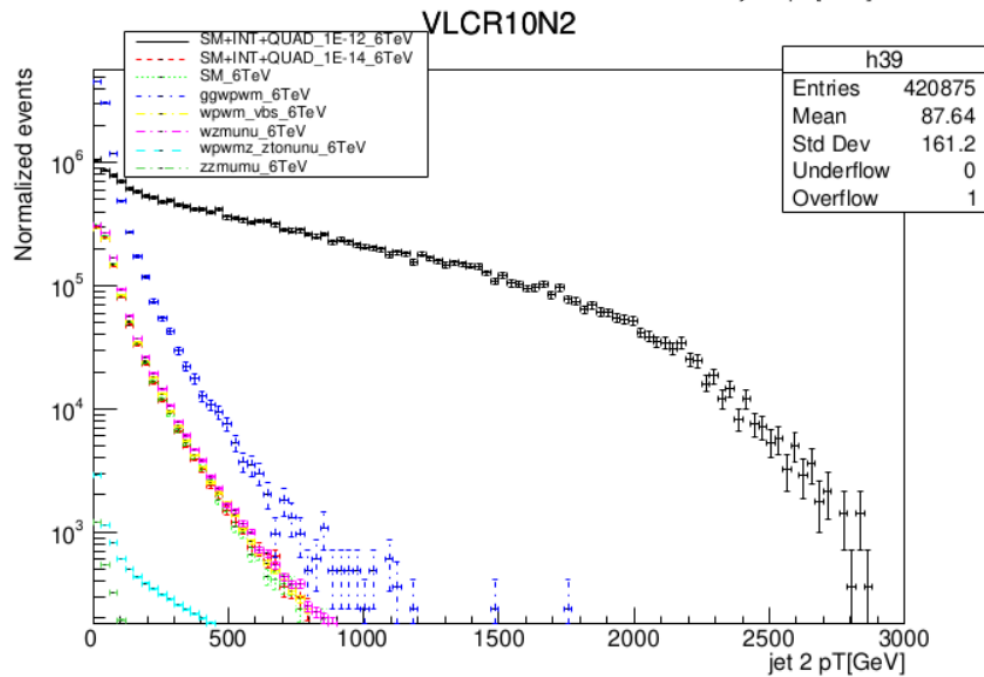
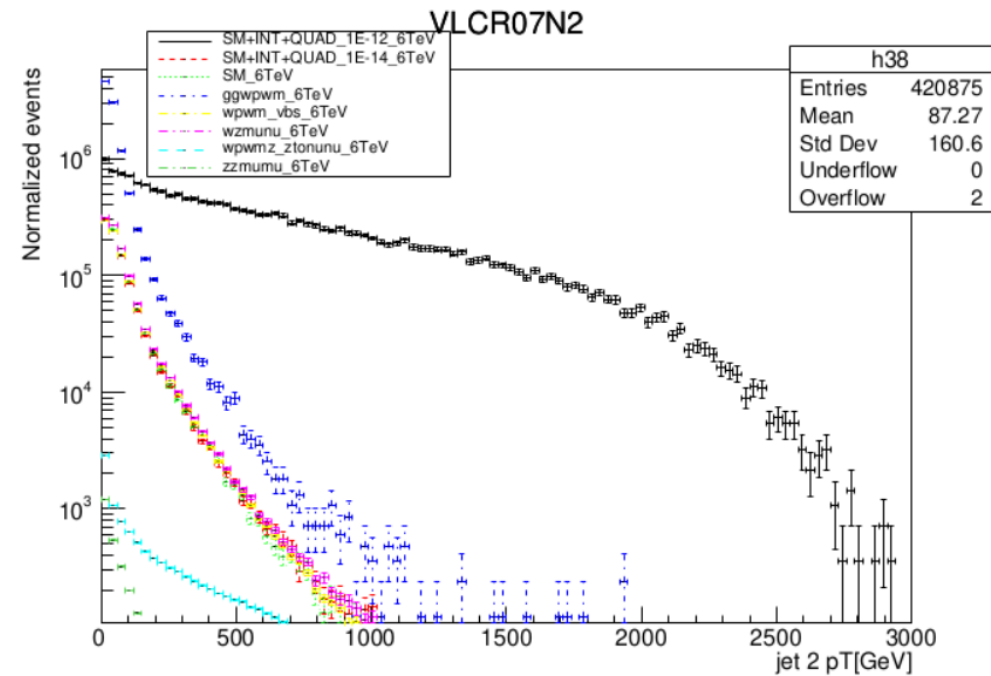
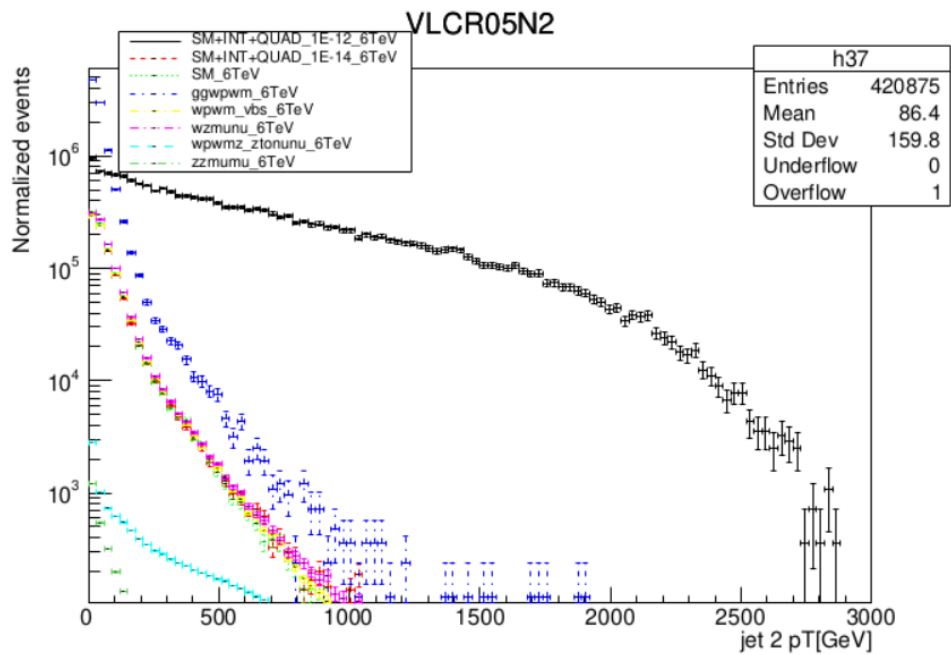
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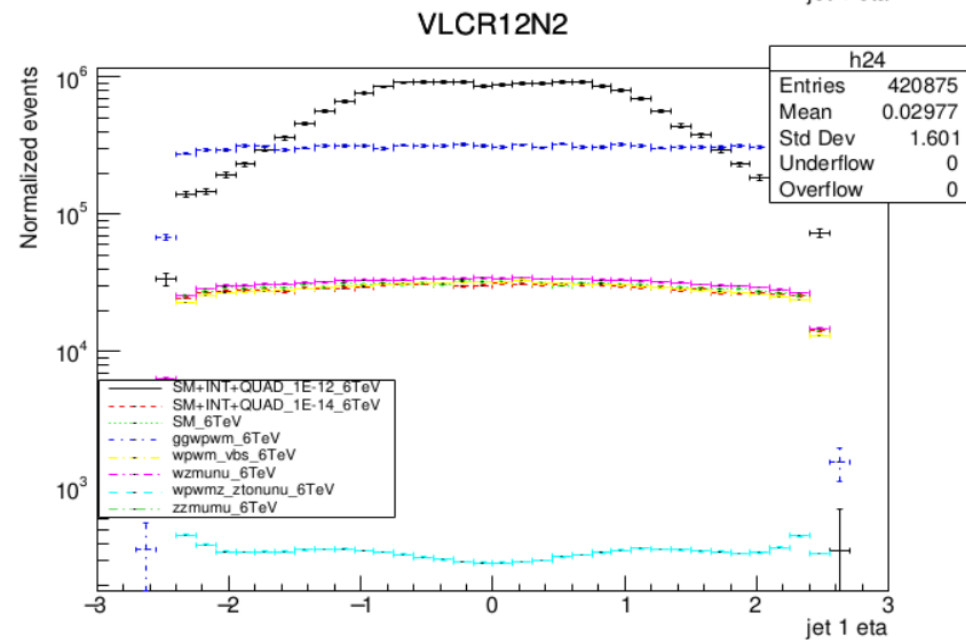
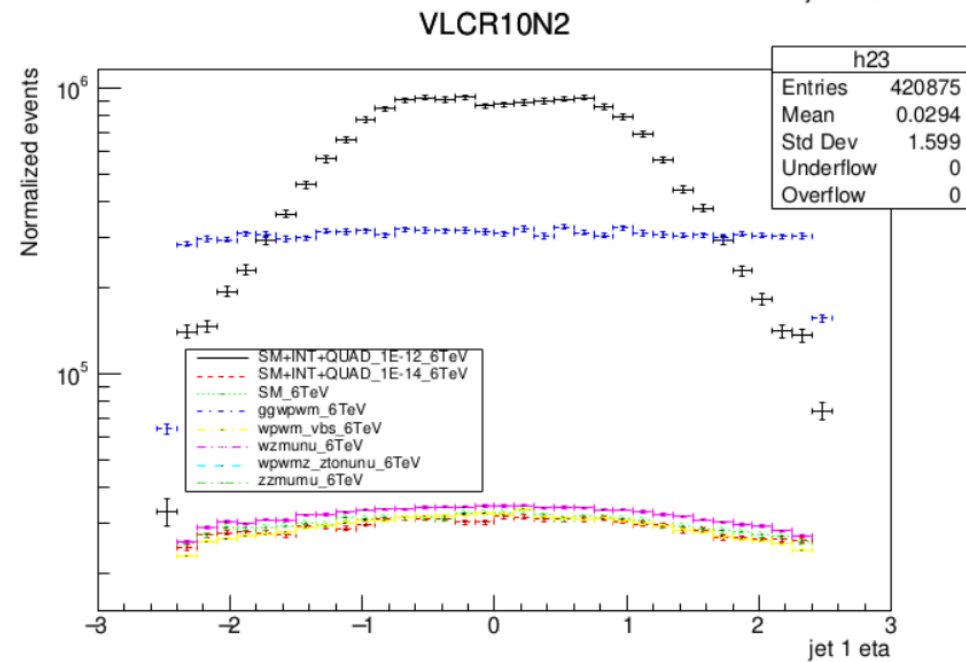
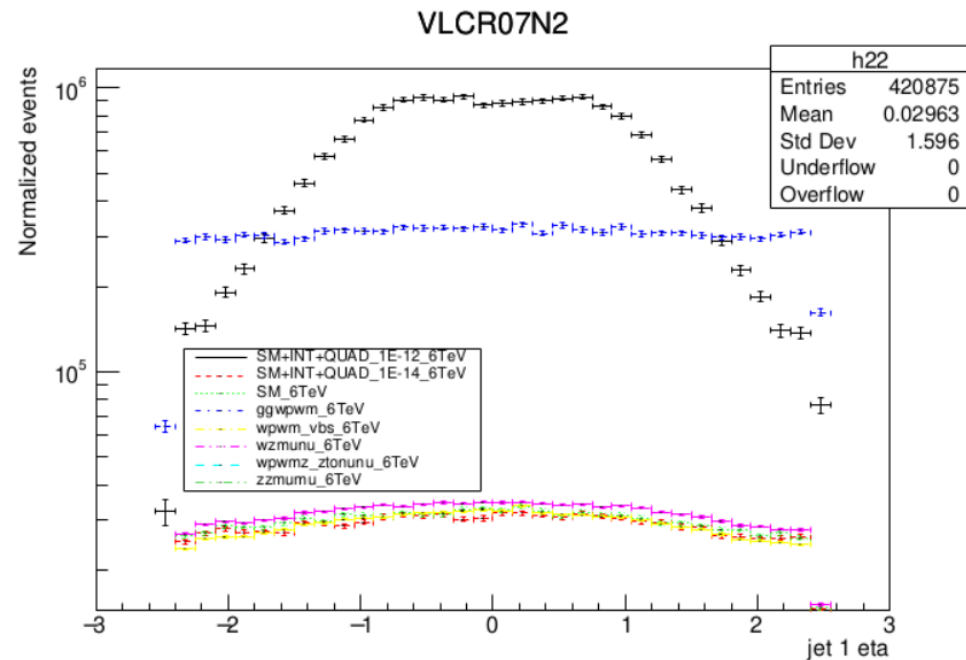
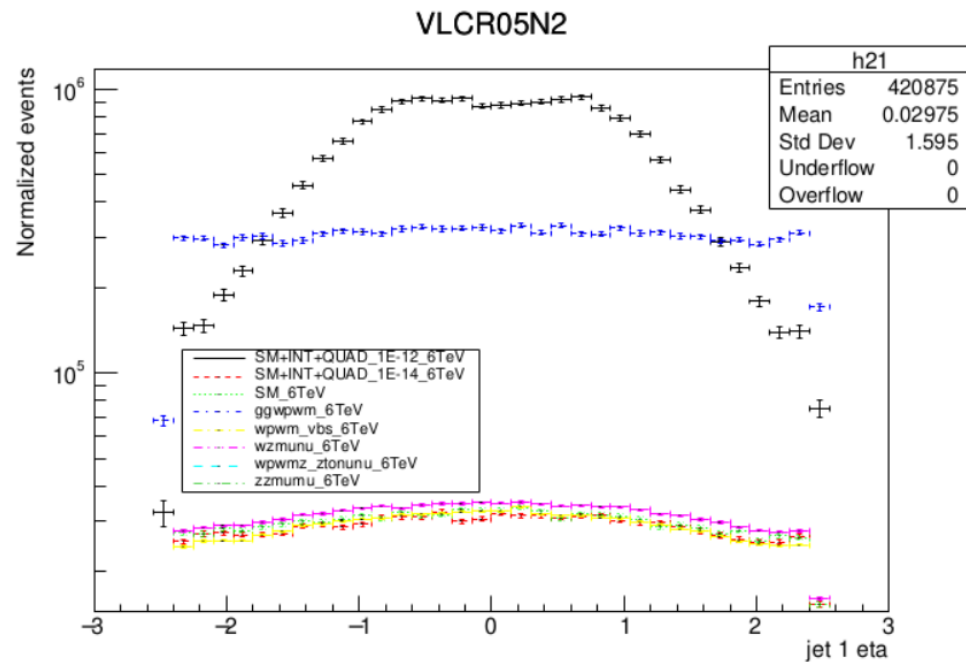
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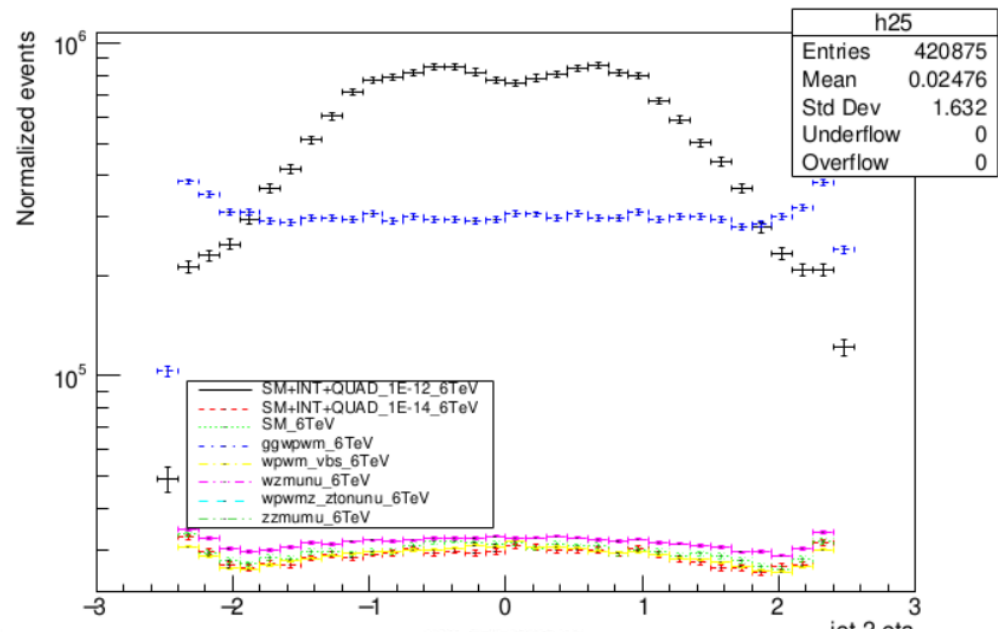




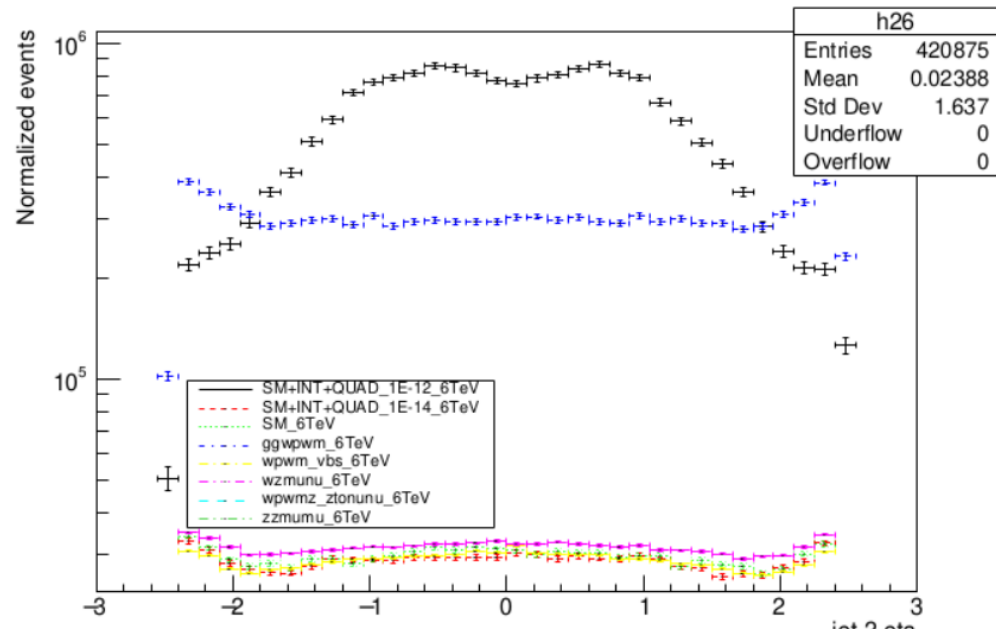




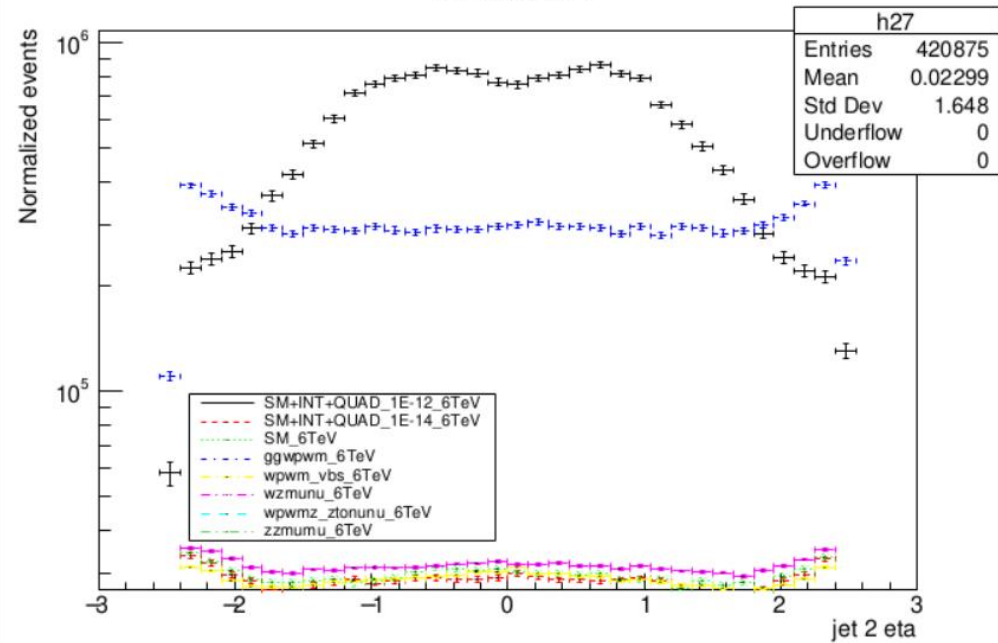
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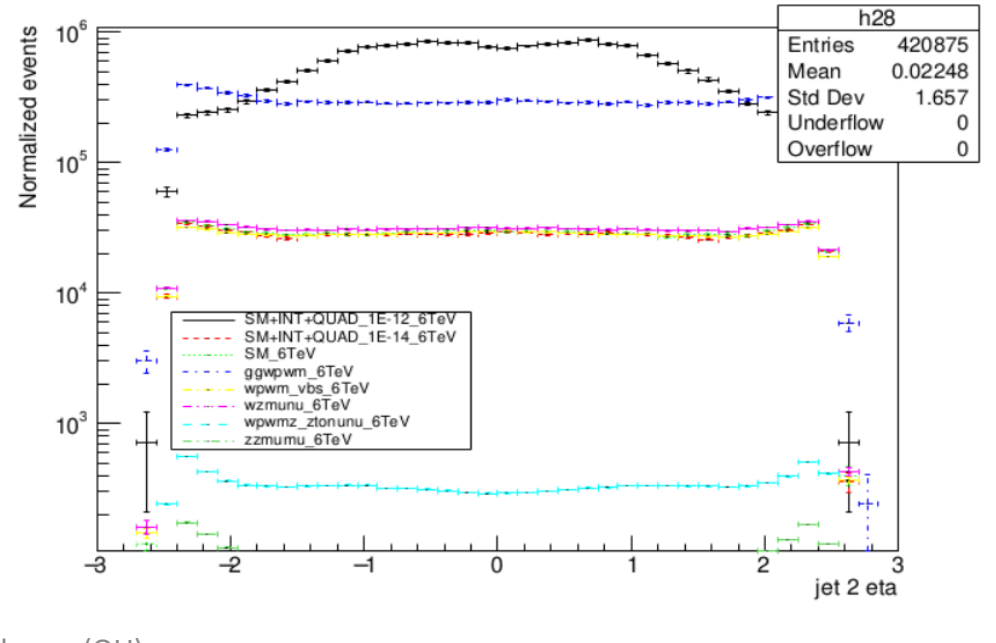
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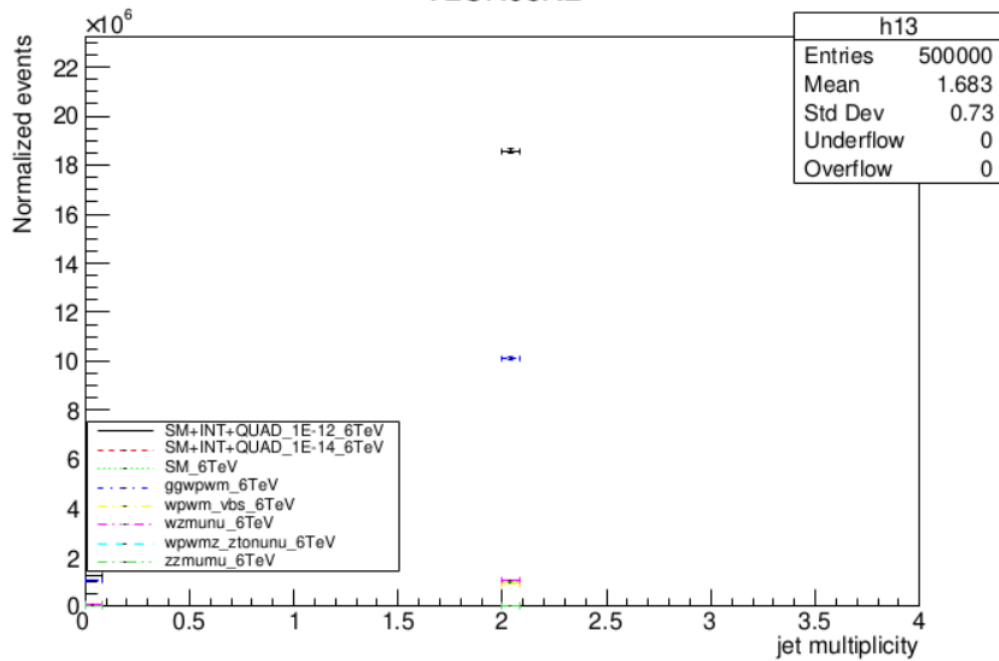
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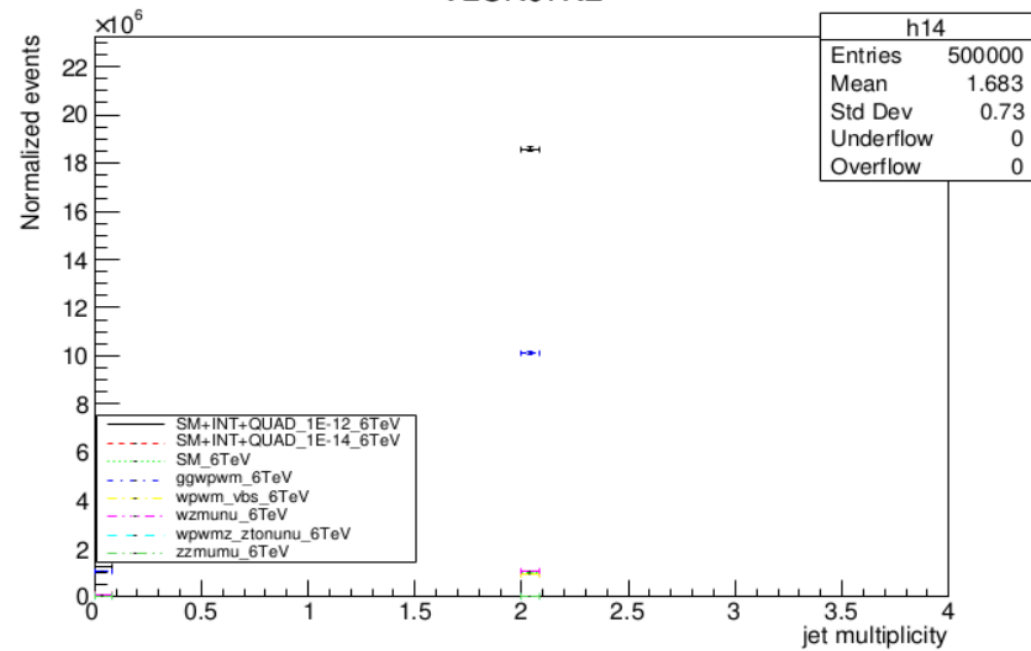
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