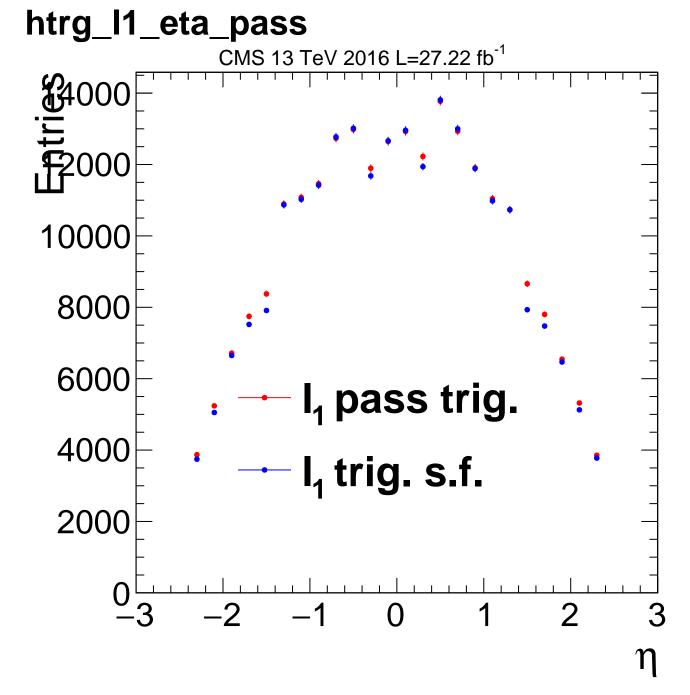


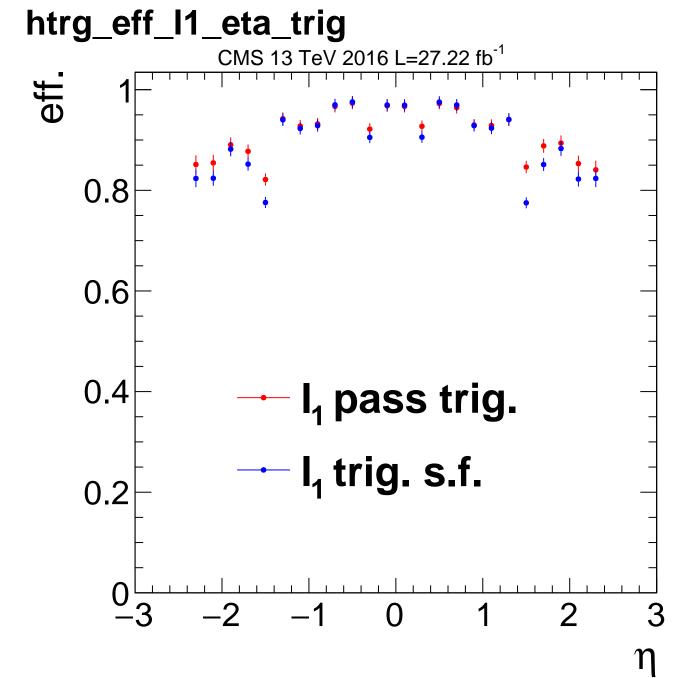
htrg\_eff\_l1\_pt\_trig CMS 13 TeV 2016 L=27.22 fb<sup>-1</sup> 1.5 I<sub>1</sub> pass trig. 0.5 l₁ trig. s.f. 1002003004005006007008009001000 p<sub>T</sub> (GeV)

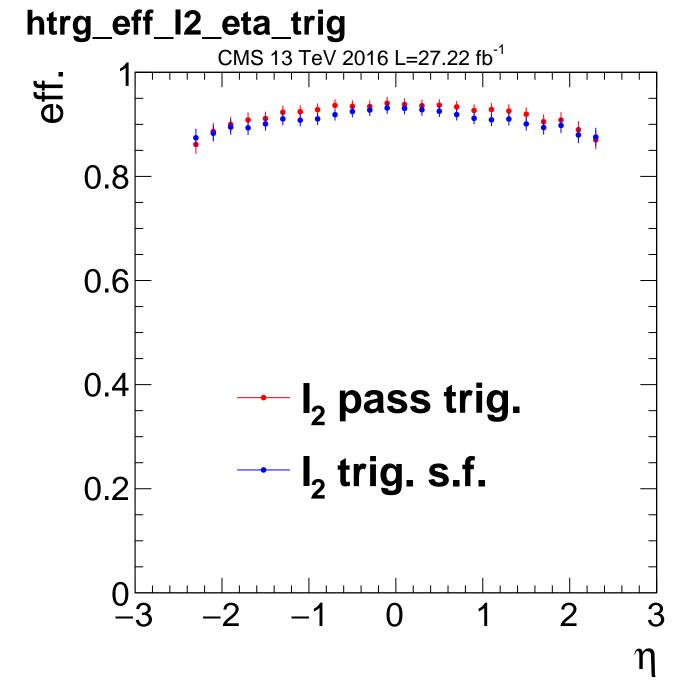
htrg\_eff\_l2\_pt\_trig CMS 13 TeV 2016 L=27.22 fb<sup>-1</sup> 1.5 l<sub>2</sub> pass trig. 0.5 l<sub>2</sub> trig. s.f. 50 100150200250300350400450500 p<sub>⊤</sub> (GeV)

## htrg\_l1\_eta\_base CMS 13 TeV 2016 L=27.22 fb<sup>-1</sup> 0000 114000 14000 10000 8000 6000 I₁ no trig. 4000 l<sub>2</sub> no trig. 2000

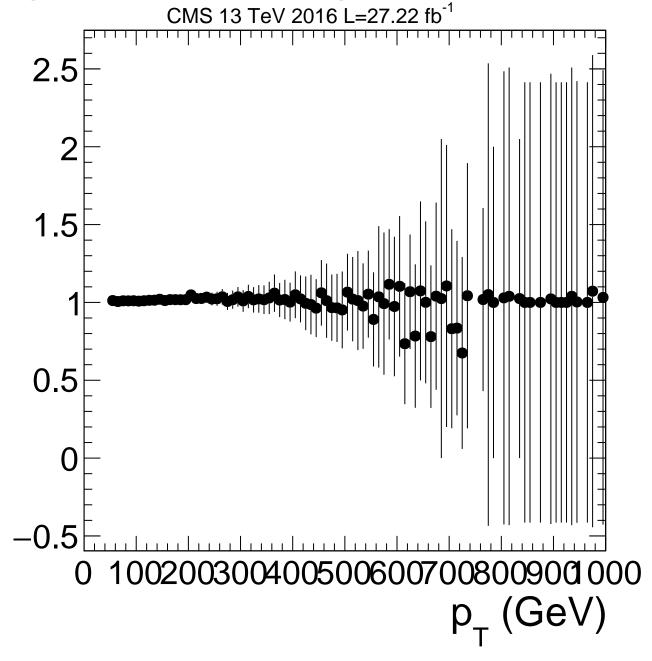


# htrg\_l2\_eta\_pass CMS 13 TeV 2016 L=27.22 fb<sup>-1</sup> 2000 ₩<u>1</u>2000 10000 8000 6000 l<sub>2</sub> pass trig. 4000 l<sub>2</sub> trig. s.f. 2000

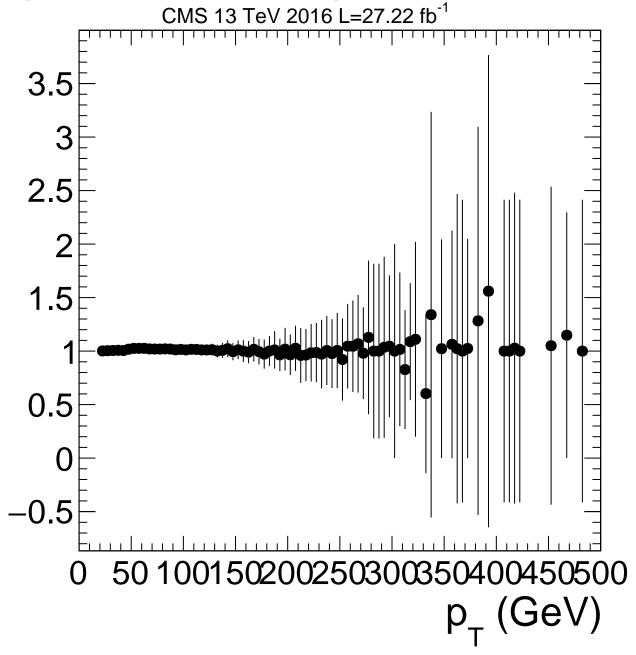




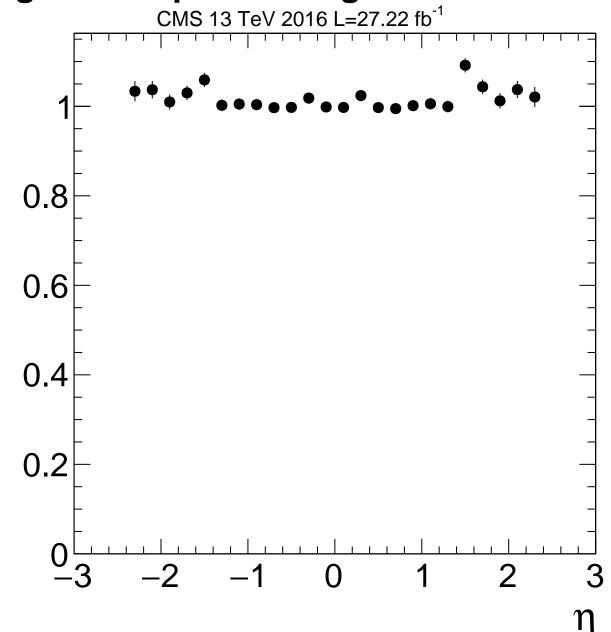
#### htrg\_l1\_pt\_pass\_vs\_tgsf



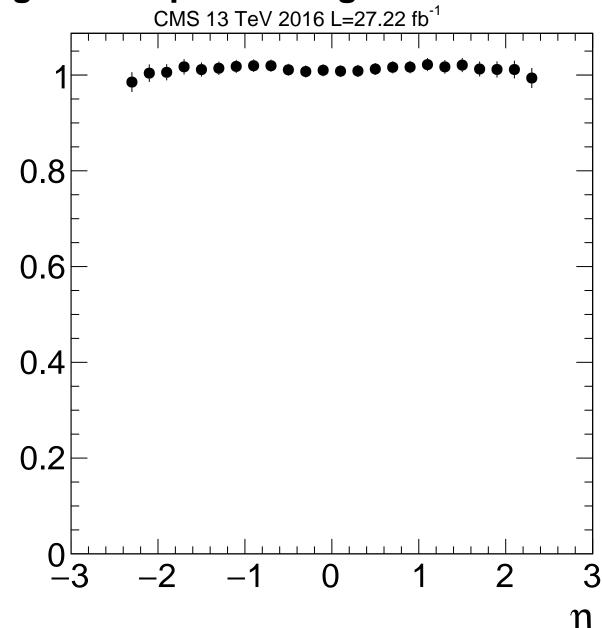
### htrg\_l2\_pt\_pass\_vs\_tgsf



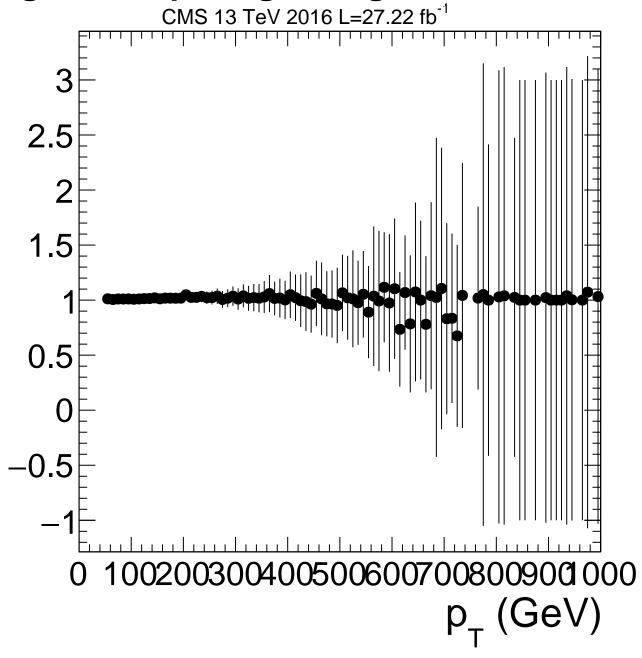
## htrg\_l1\_eta\_pass\_vs\_tgsf



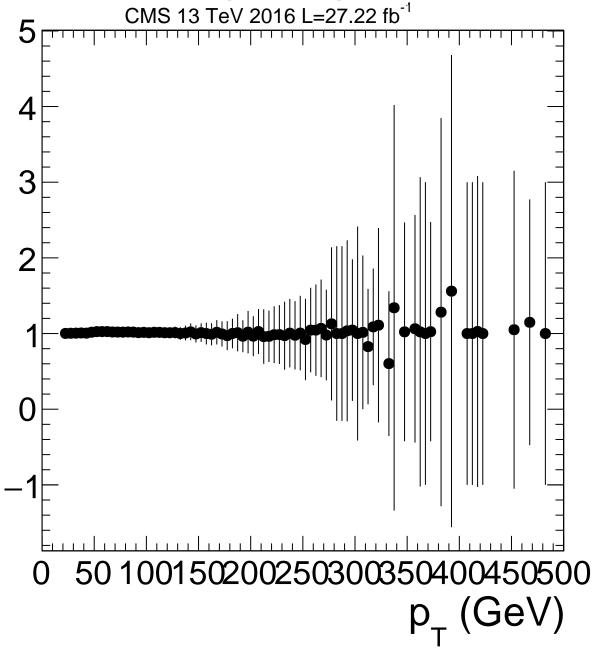
## htrg\_l2\_eta\_pass\_vs\_tgsf



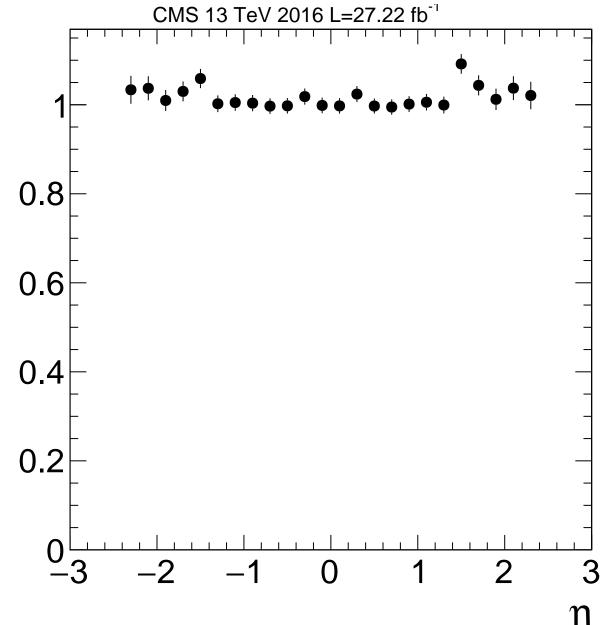
### htrg\_eff\_l1\_pt\_trig\_vs\_tgsf



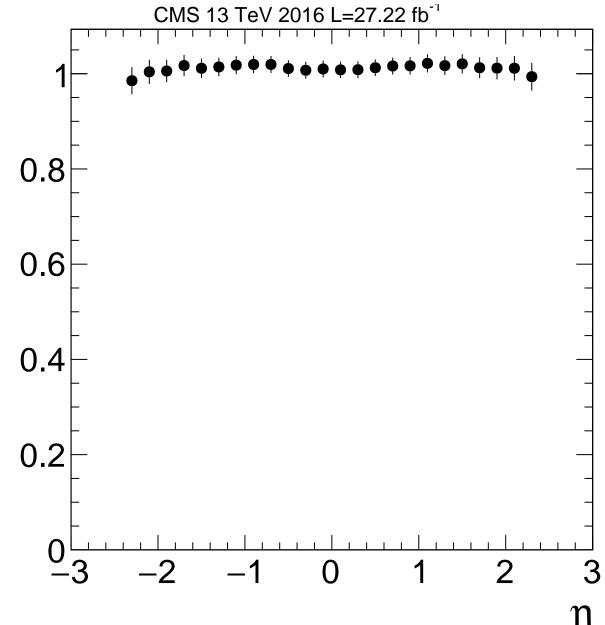
#### htrg\_eff\_l2\_pt\_trig\_vs\_tgsf

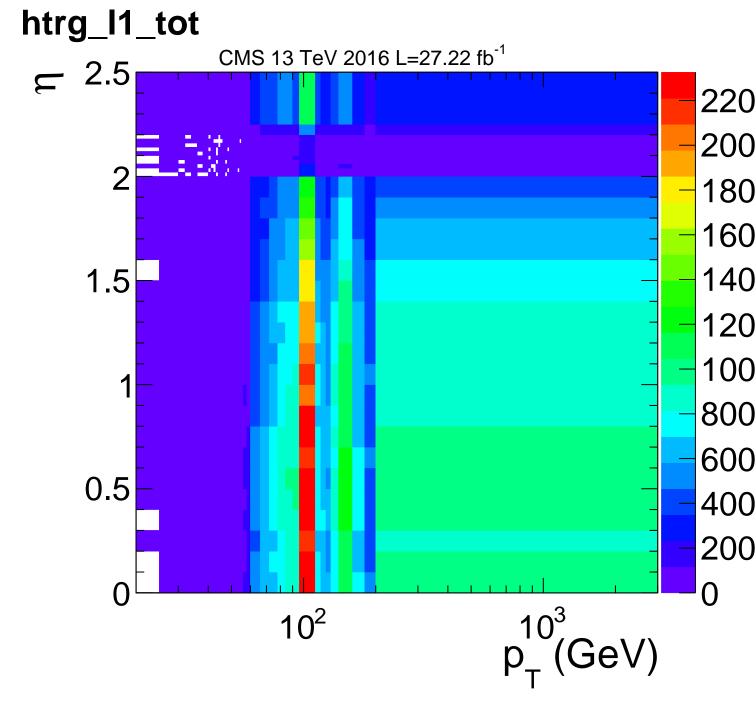


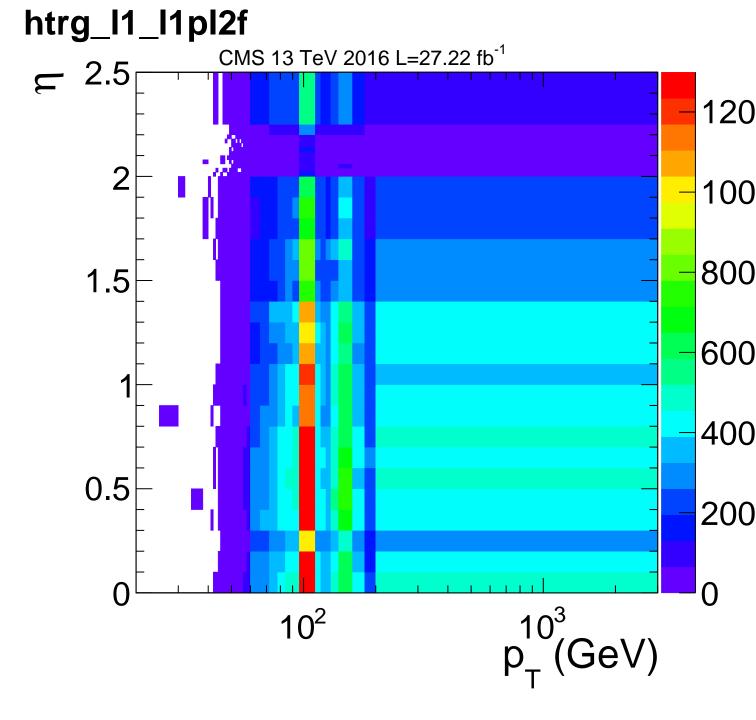
## htrg\_eff\_l1\_eta\_trig\_vs\_tgsf

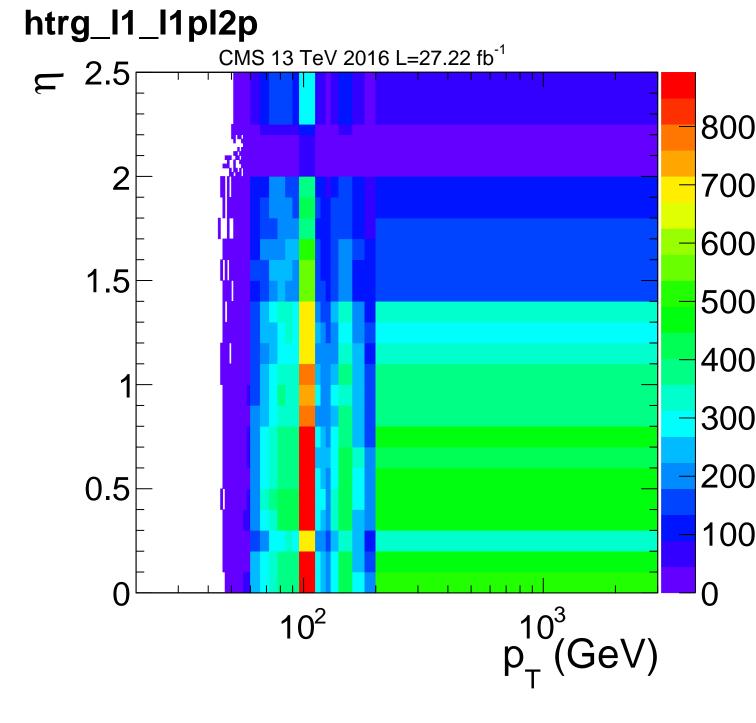


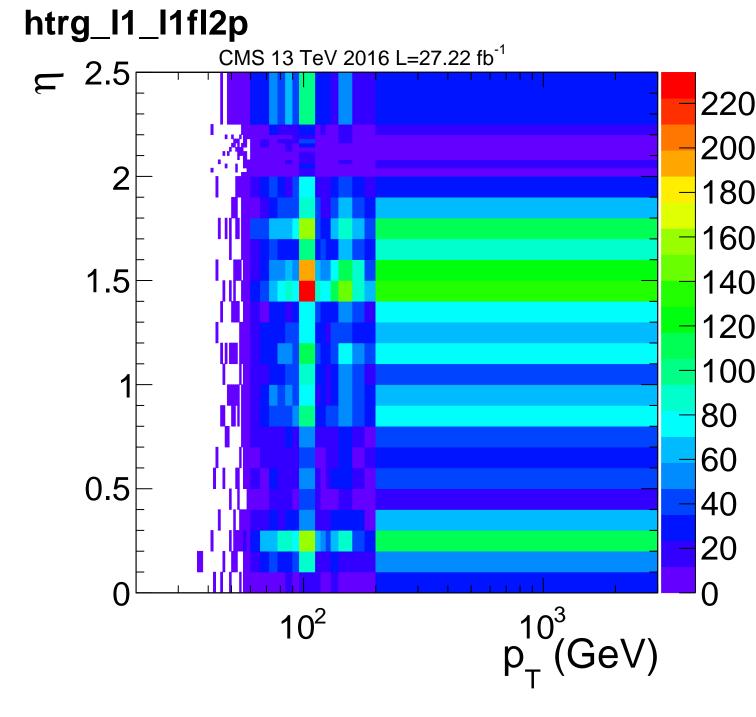
## htrg\_eff\_l2\_eta\_trig\_vs\_tgsf

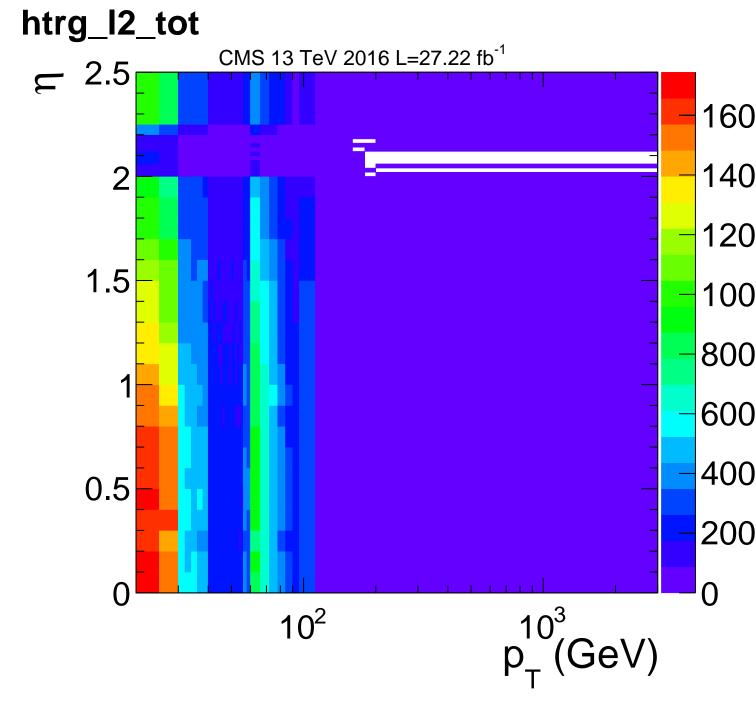


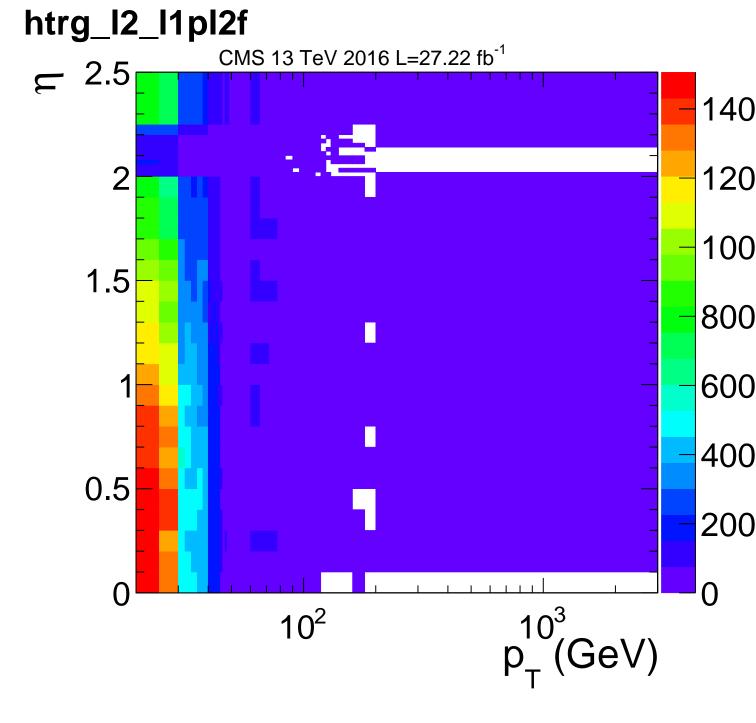


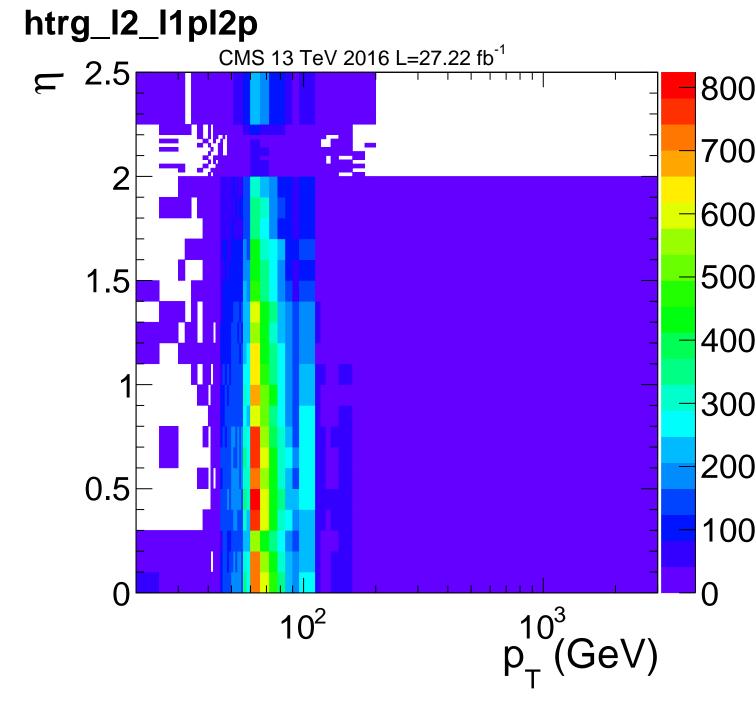


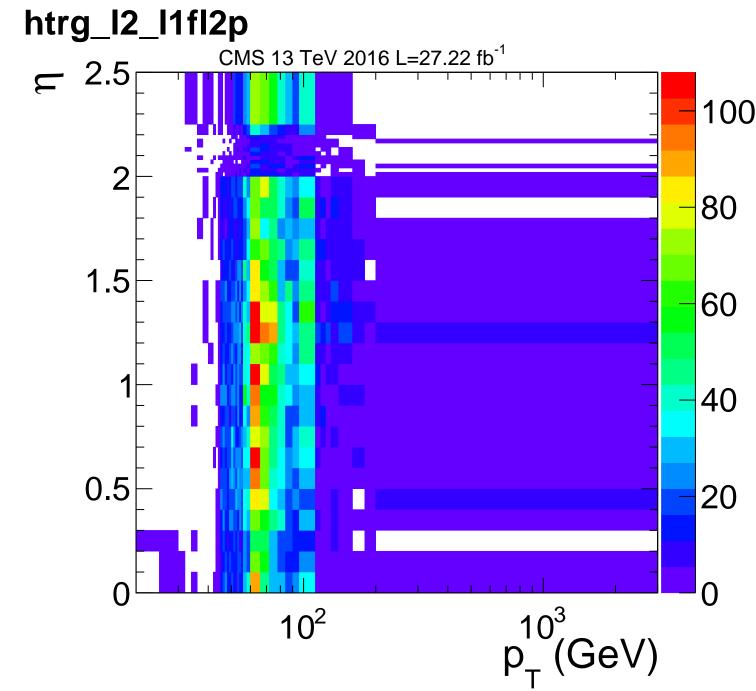


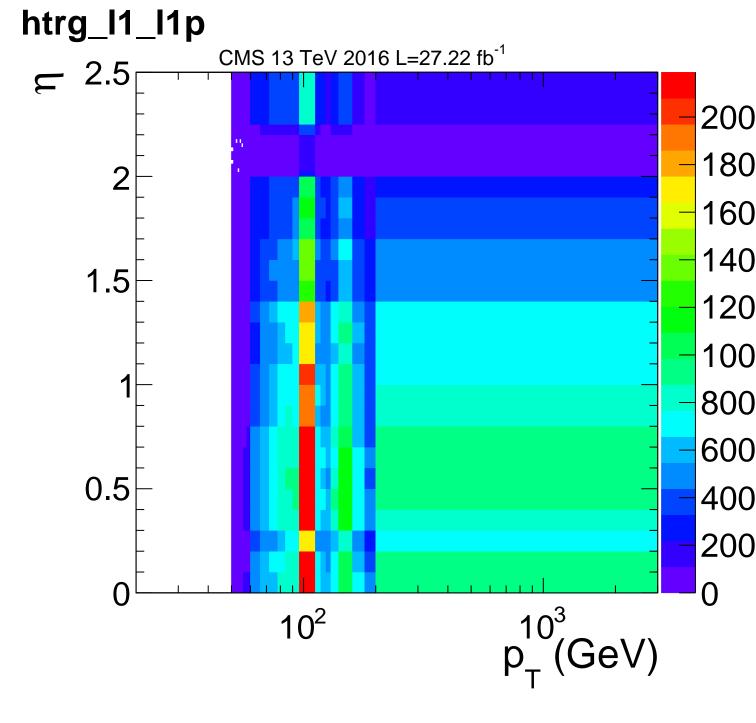


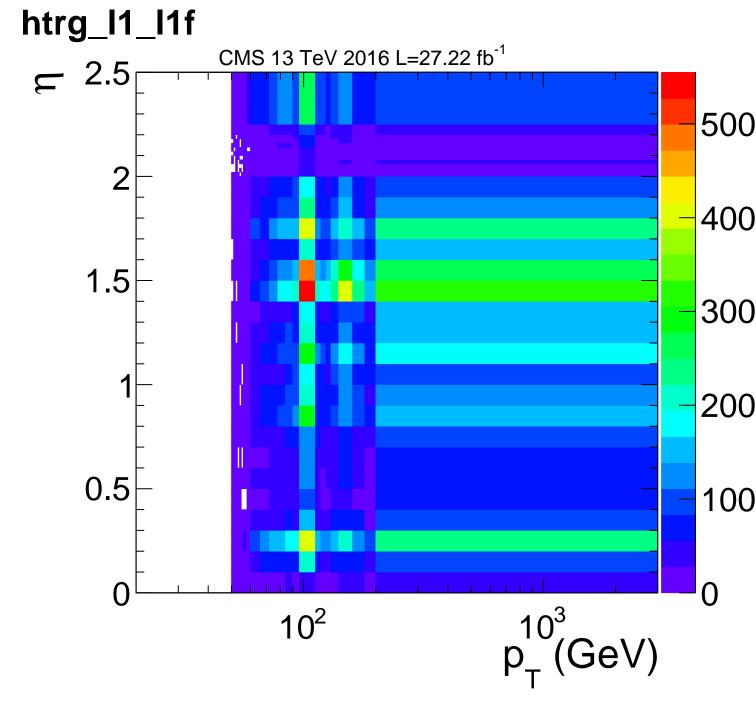


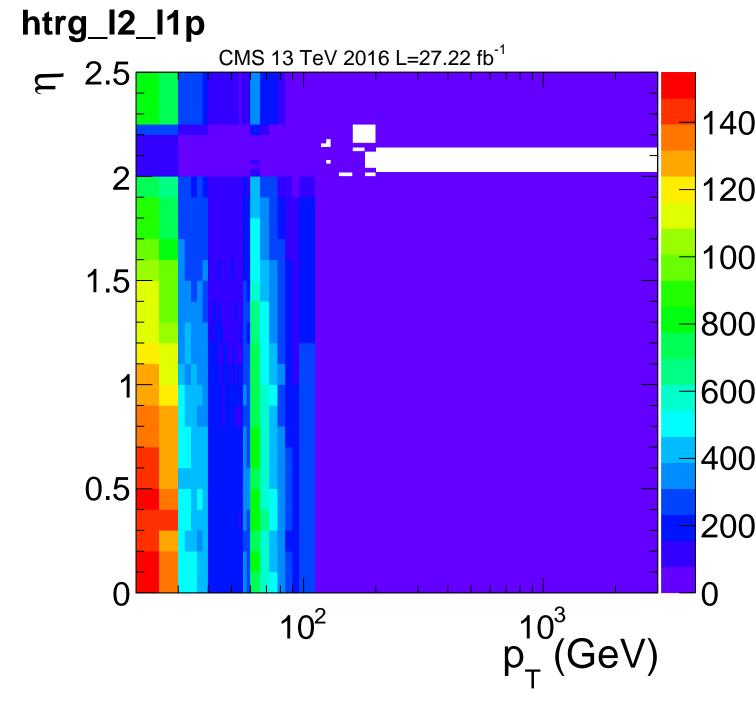


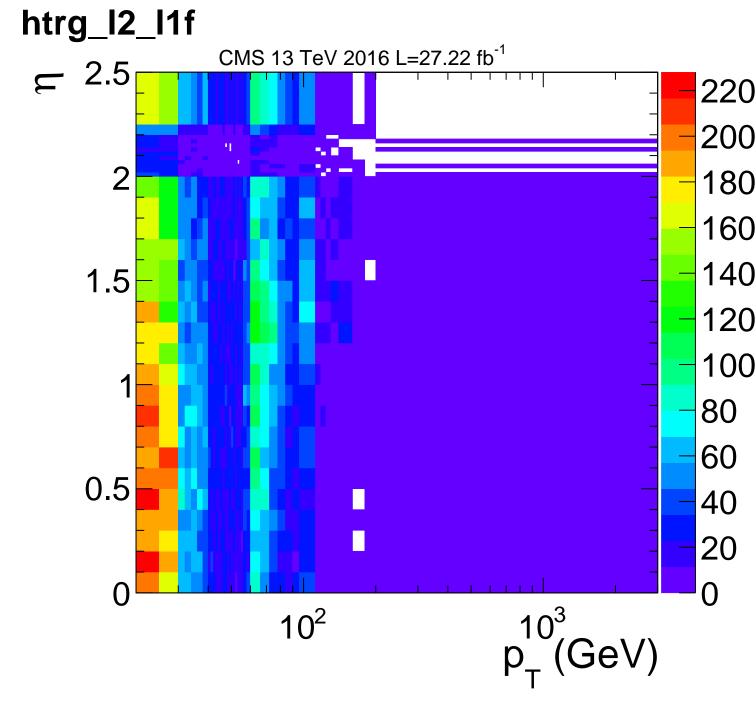


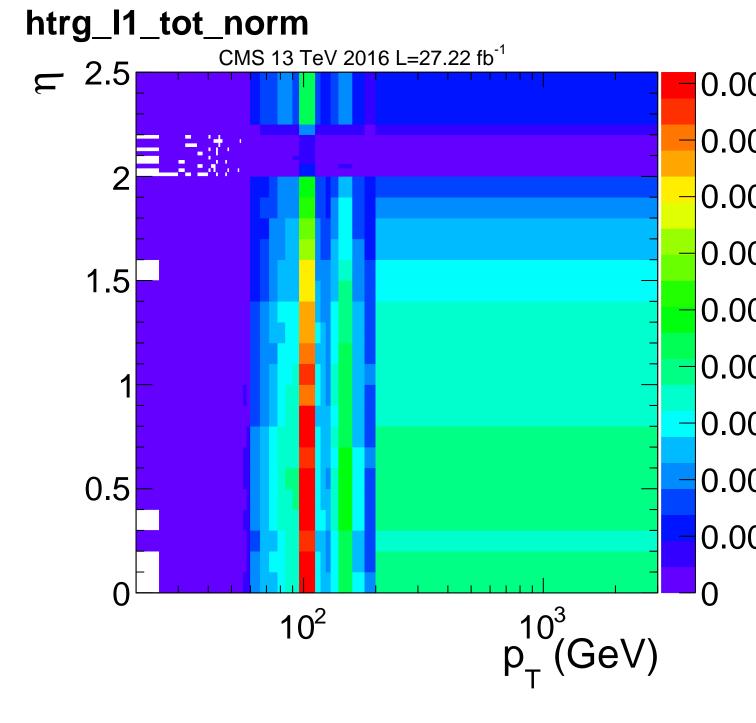


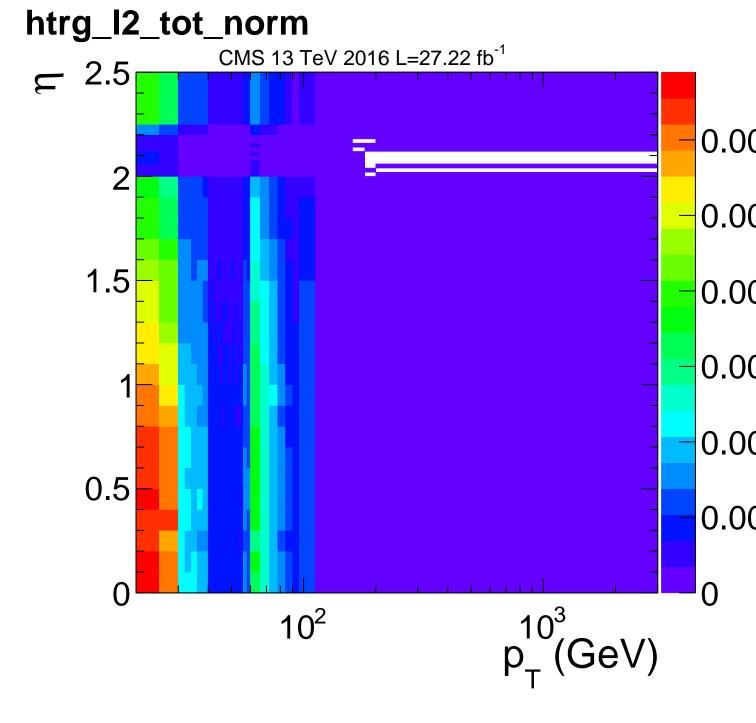


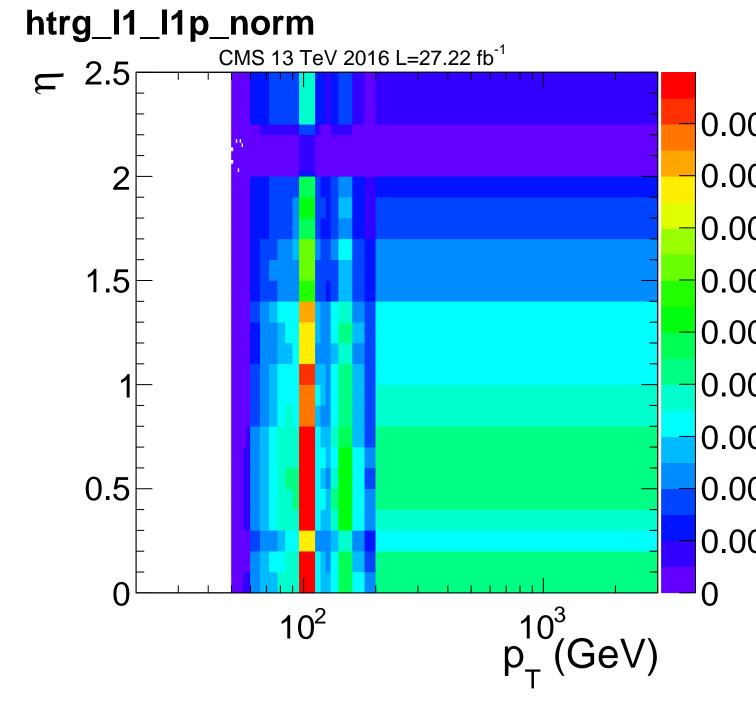


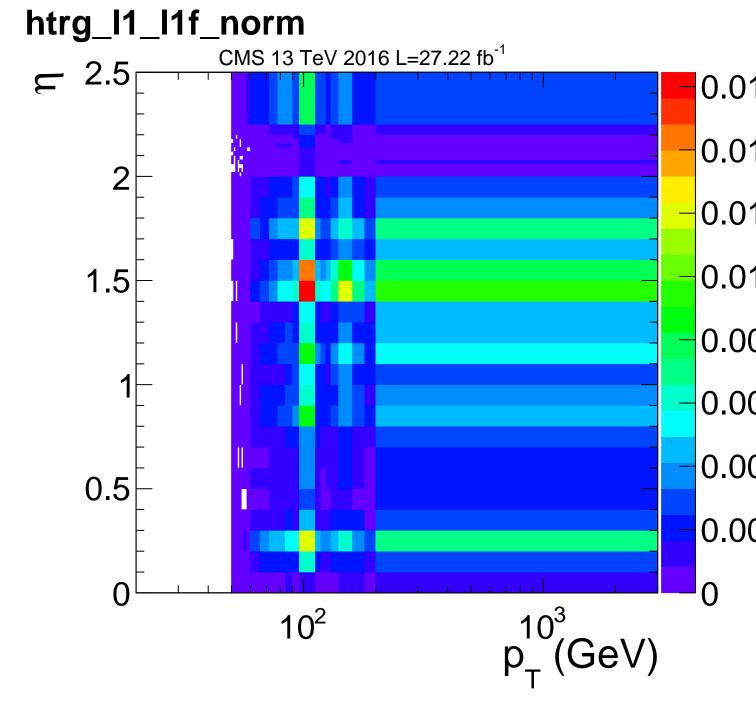


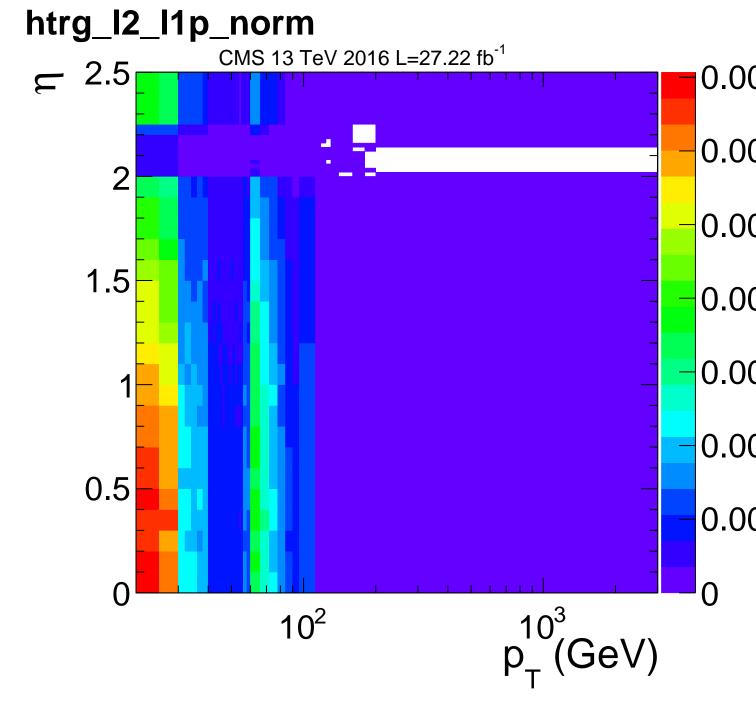


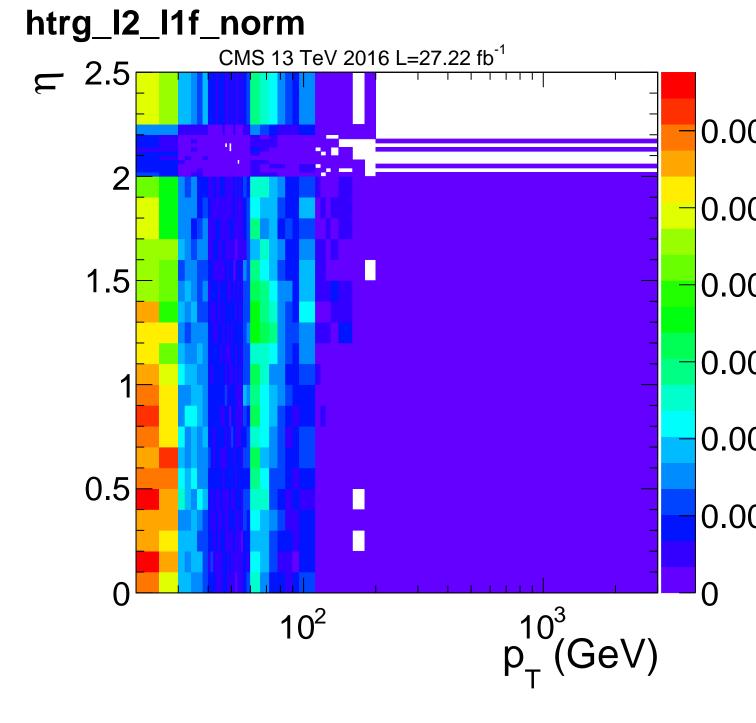


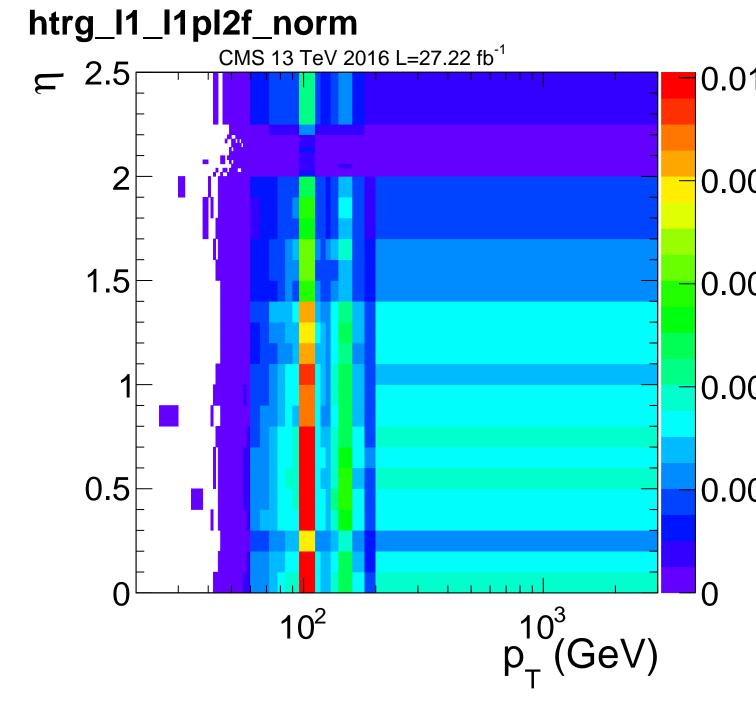


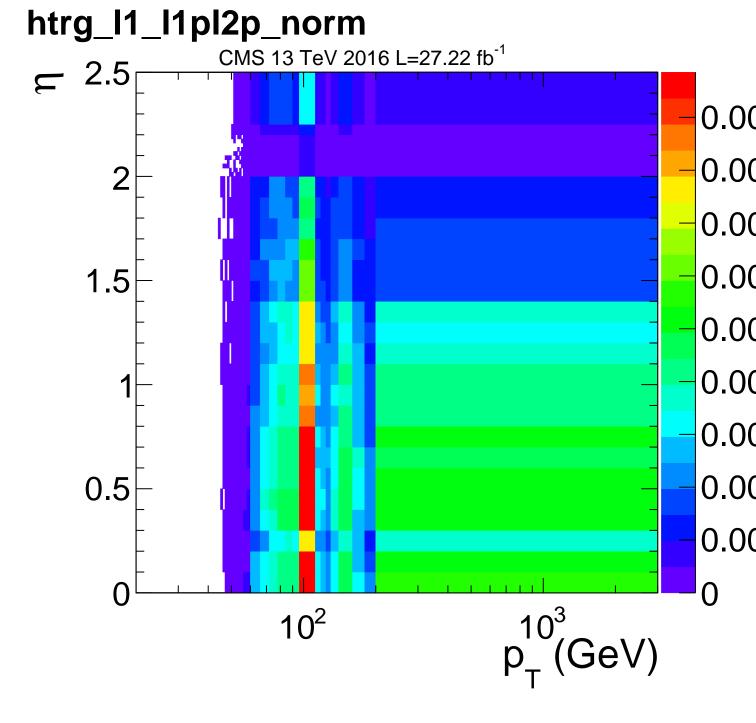


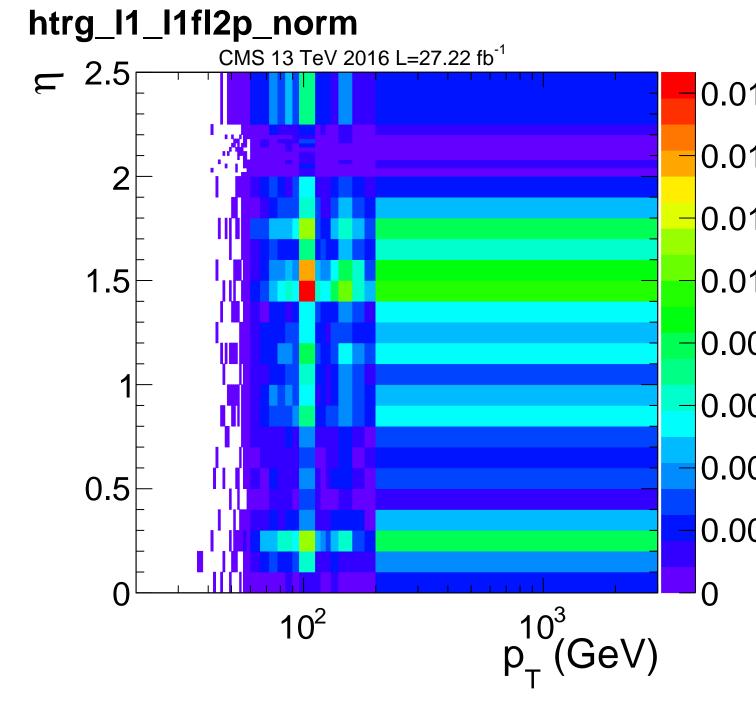


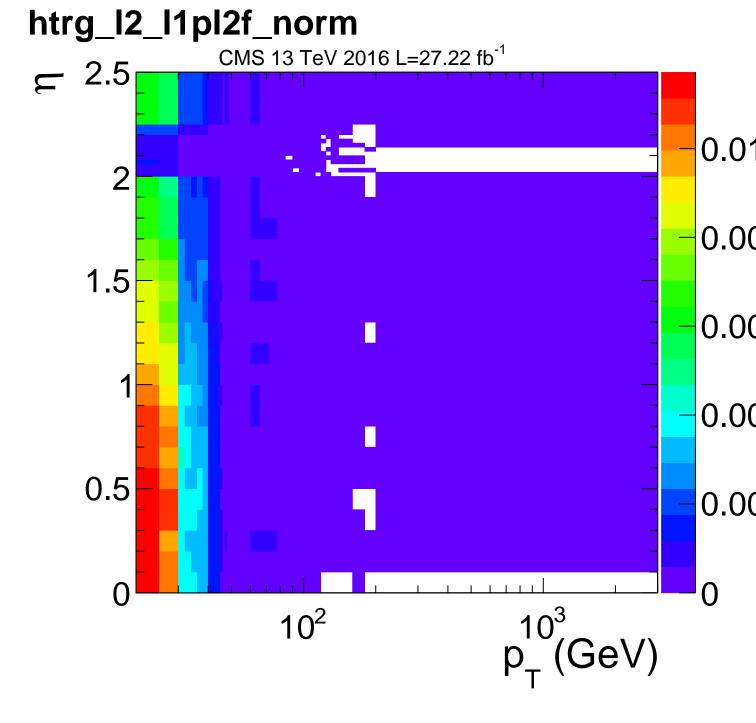


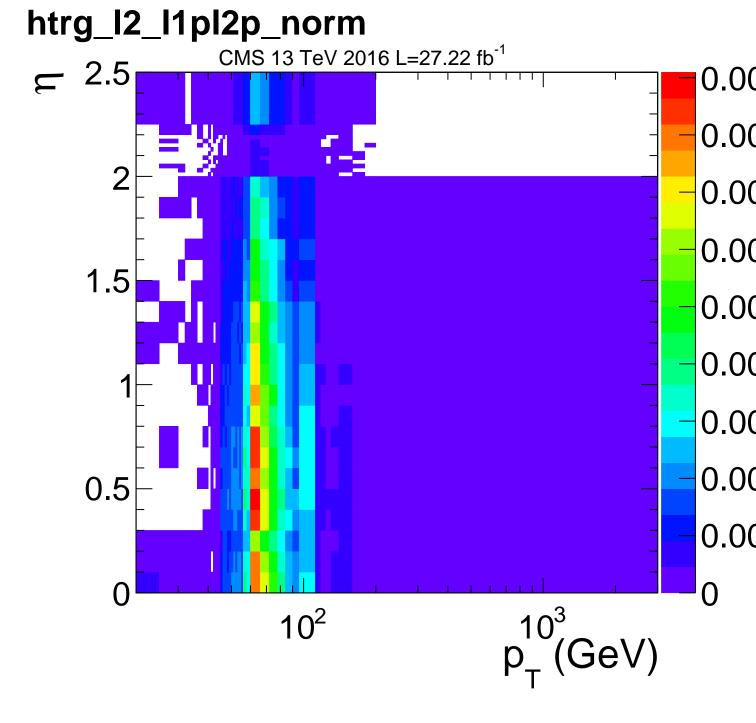


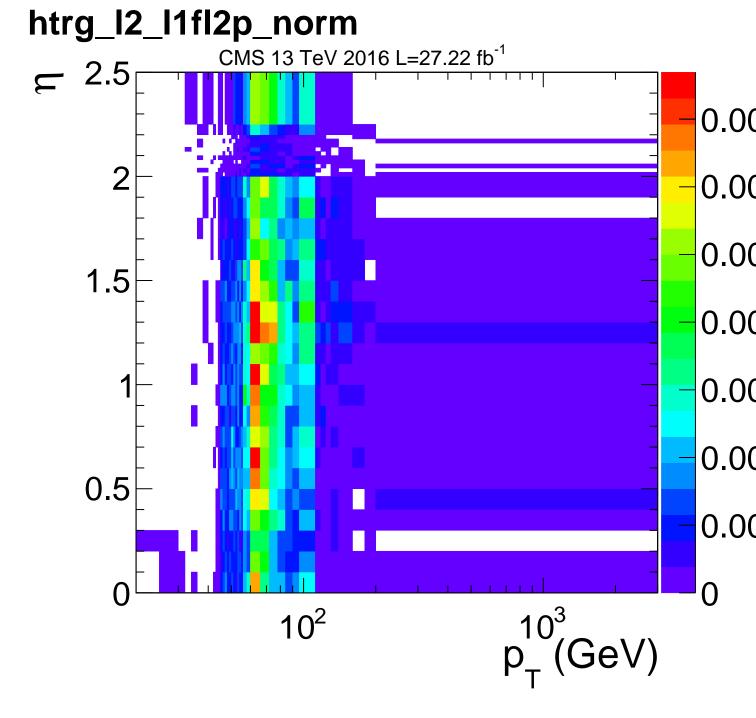


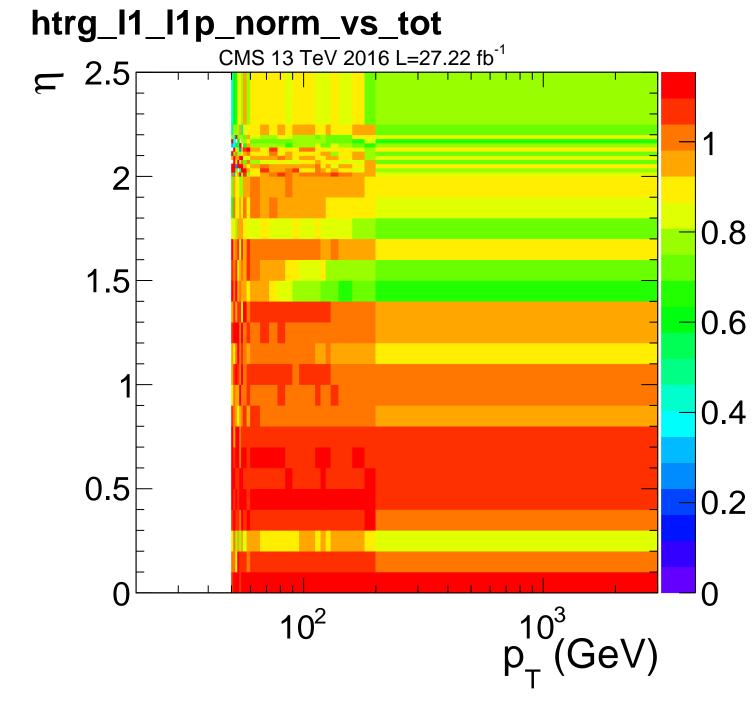




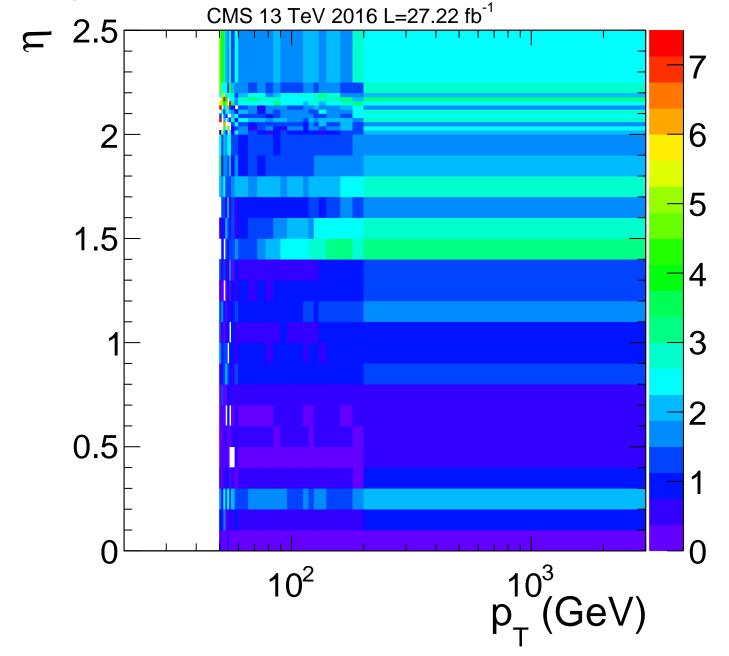


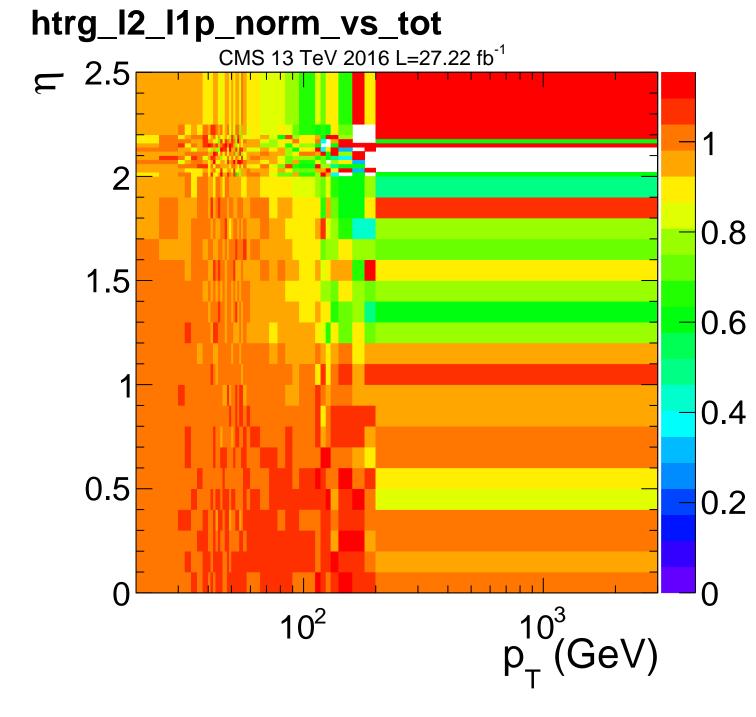




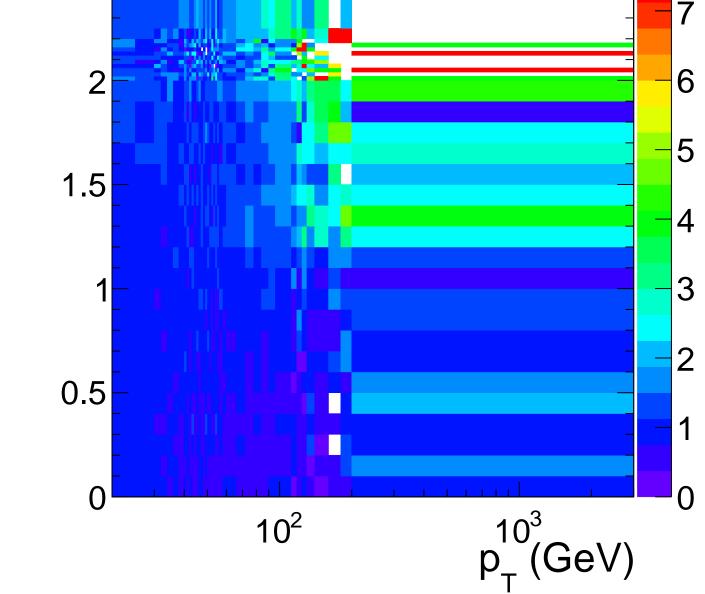


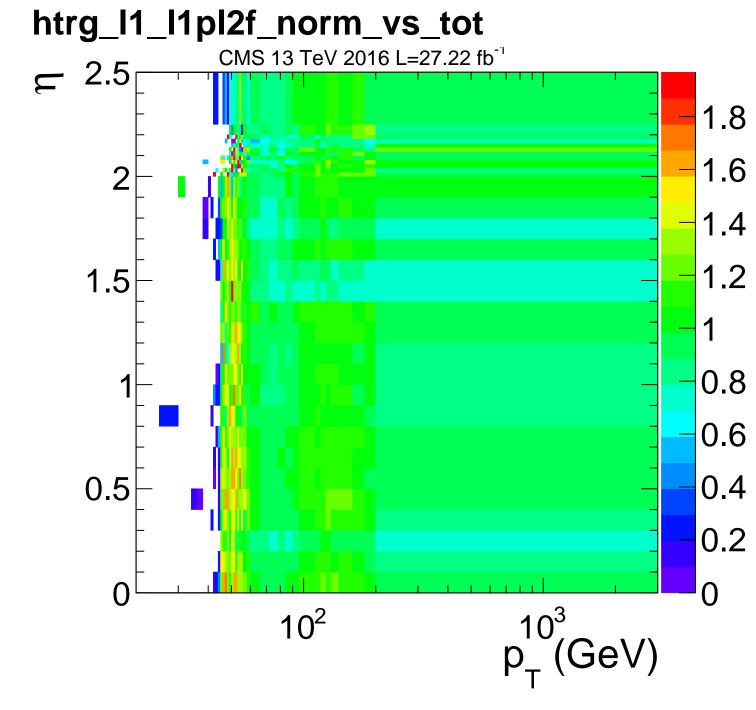
## htrg\_l1\_l1f\_norm\_vs\_tot





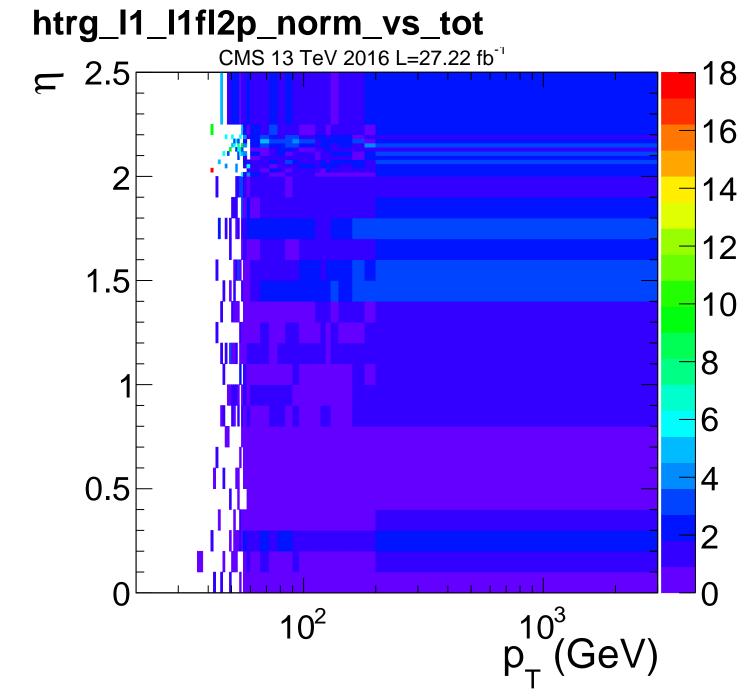
## htrg\_I2\_I1f\_norm\_vs\_tot CMS 13 TeV 2016 L=27.22 fb<sup>-1</sup> **£** 2.5<sub>1</sub> 2 6 5 1.5 3

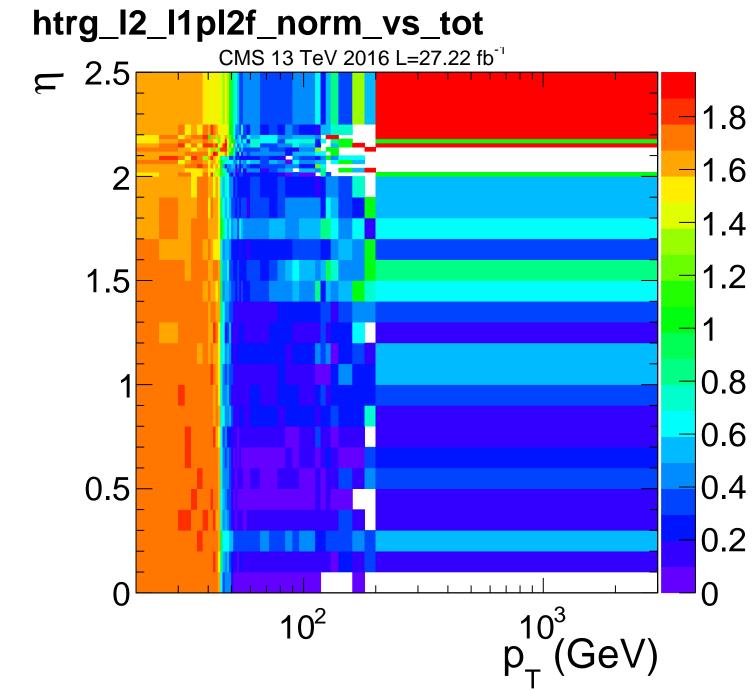


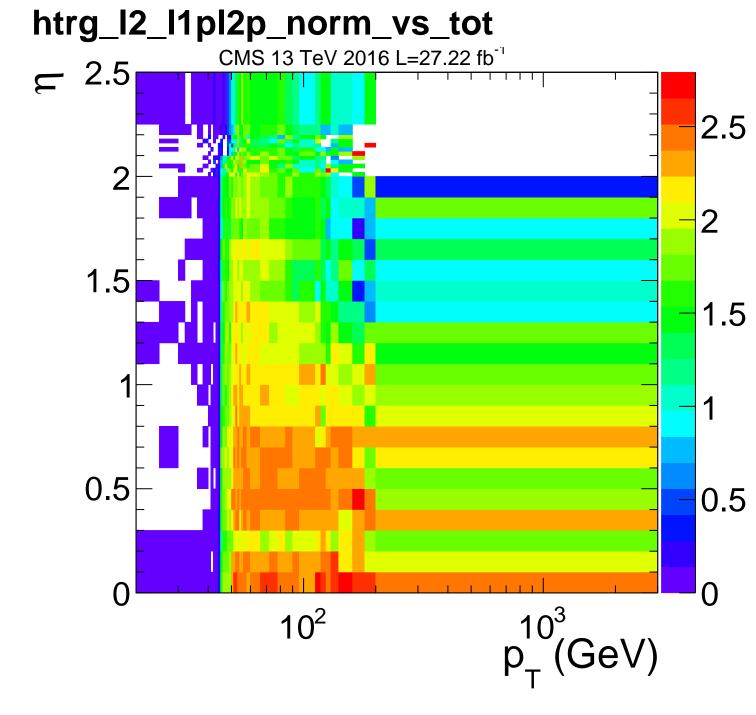


## htrg\_l1\_l1pl2p\_norm\_vs\_tot CMS 13 TeV 2016 L=27.22 fb<sup>-1</sup> **2.5** 2.5 2 1.5 1.5 0.5 0.5 $p_T^{10^3}$ (GeV)

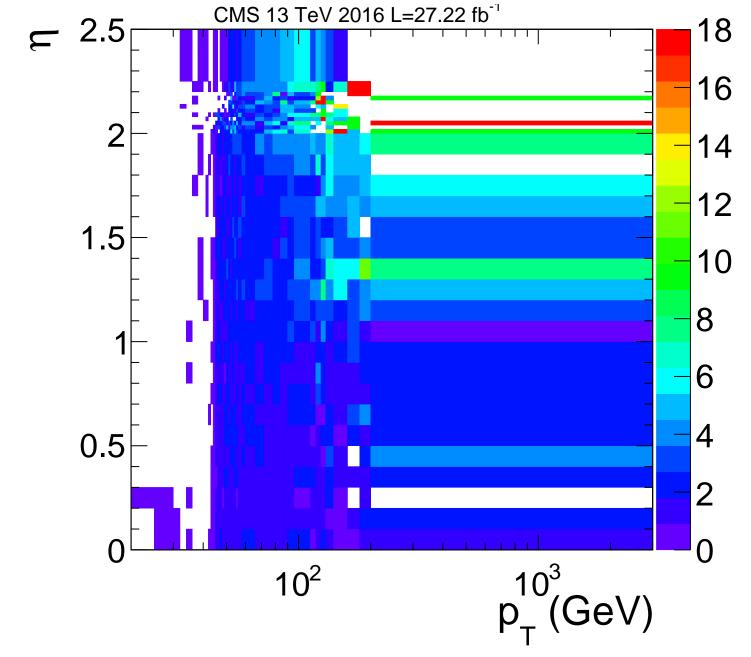
10<sup>2</sup>

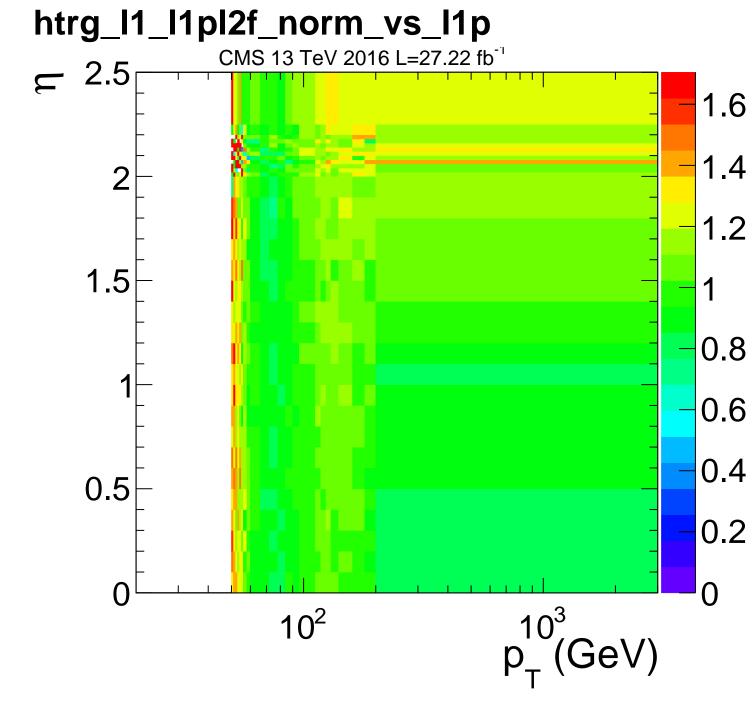


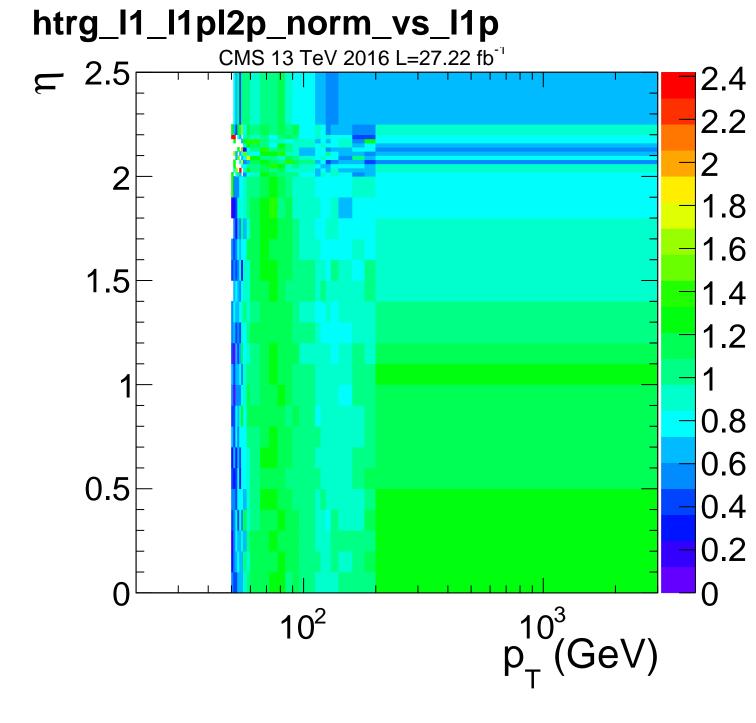


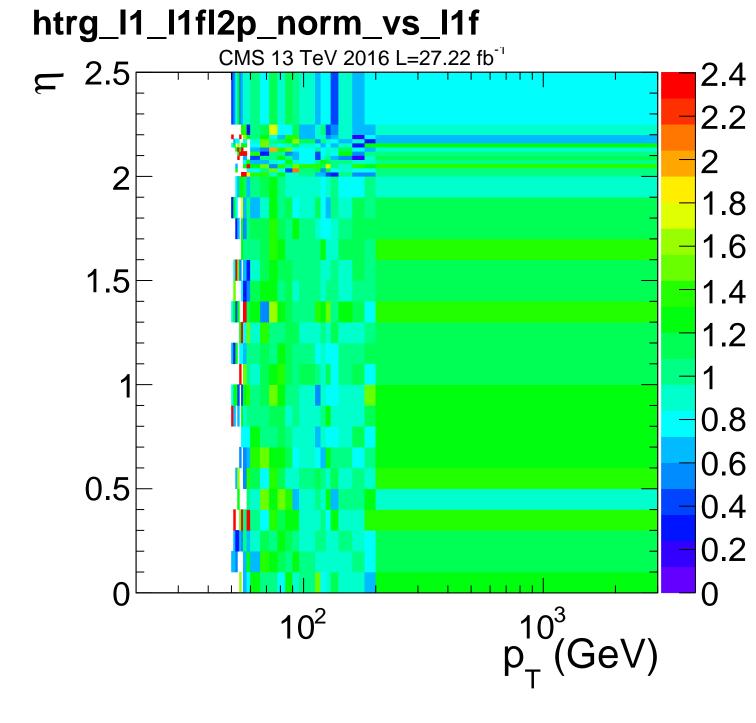


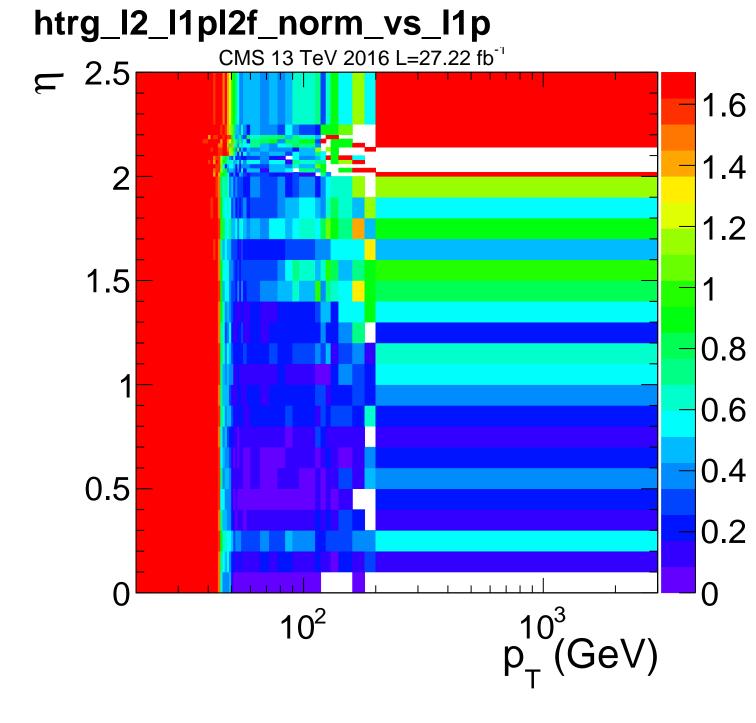
## htrg\_I2\_I1fI2p\_norm\_vs\_tot

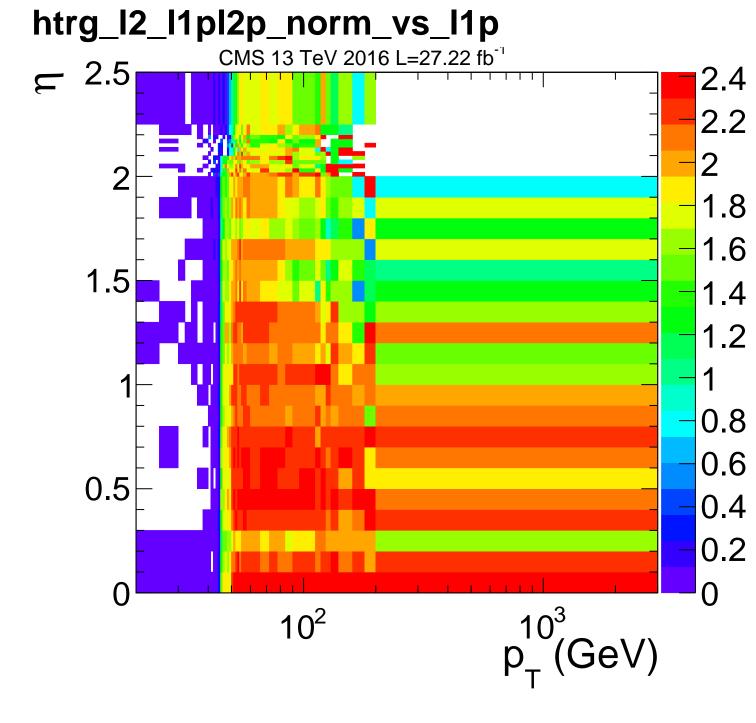


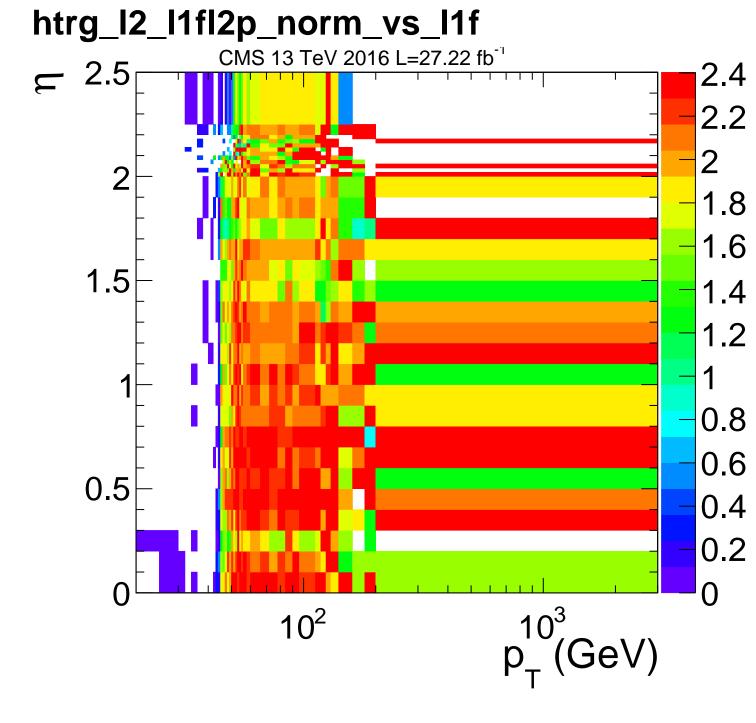




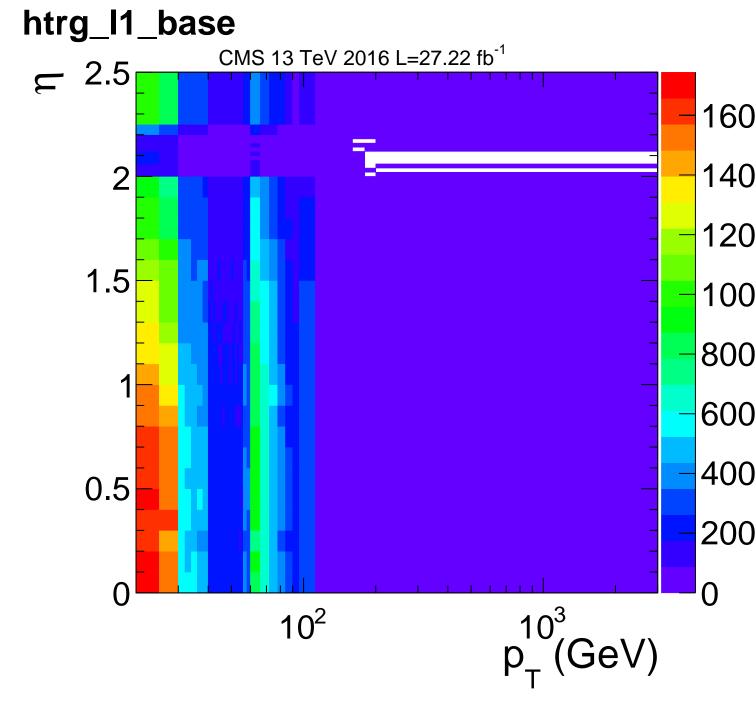








htrg\_l1\_base CMS 13 TeV 2016 L=27.22 fb<sup>-1</sup> **£** 2.5<sub>1</sub> 1.5 0.5  $p_T^{10^3}$  (GeV)  $10^2$ 



htrg\_l1\_pass CMS 13 TeV 2016 L=27.22 fb<sup>-1</sup> **2.5**<sub>[</sub> 1.5 0.5  $p_T^{10^3}$  (GeV)  $10^2$ 

