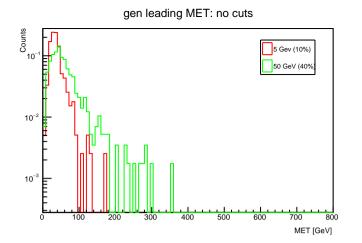
ctau 1mm

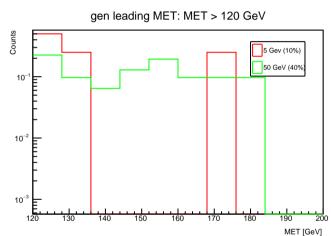
 ${\tt Gen\ 5\ Gev\ (10\%):\ 393(c1:283(72.01\%[72.01\%]),c2:4(1.02\%[1.41\%]),c3:3(0.76\%[75.00\%]),c4:1(0.25\%[33.33\%]))}$

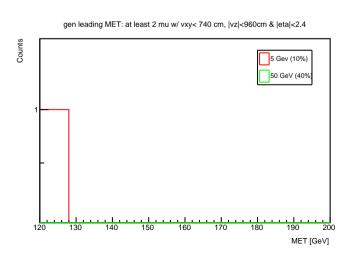
Reco 5 Gev (10%): 393(c1:209(53.18%[53.18%]),c2:3(0.76%[1.44%]),c3:2(0.51%[66.67%]),c4:0(0.00%[0.00%]))

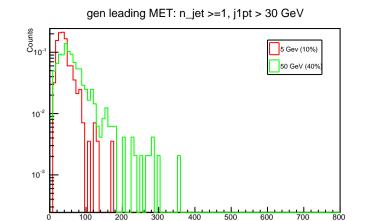
 $Gen\ 50\ GeV\ (40\%): 573 (c1:485 (84.64\% [84.64\%]), c2:43 (7.50\% [8.87\%]), c3:36 (6.28\% [83.72\%]), c4:18 (3.14\% [50.00\%])) (6.28\% [83.72\%]), c4:18 (3.14\% [50.00\%])) (7.50\% [8.87\%]), c3:36 (6.28\% [83.72\%]), c4:18 (6.28\% [83.72\%]), c4:1$

Reco 50 GeV (40%): 573(c1:426(74.35%[74.35%]),c2:41(7.16%[9.62%]),c3:36(6.28%[87.80%]),c4:13(2.27%[36.11%]))

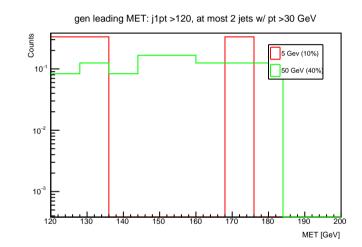


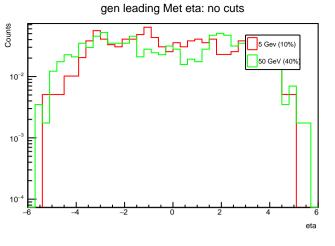


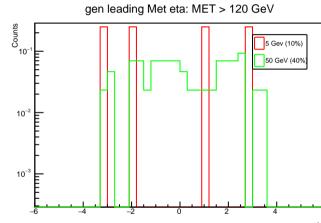


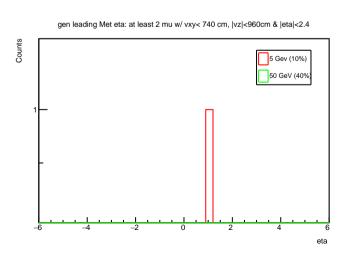


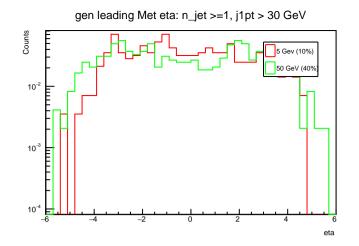
MET [GeV]

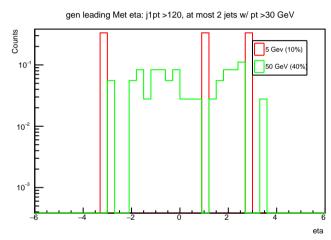


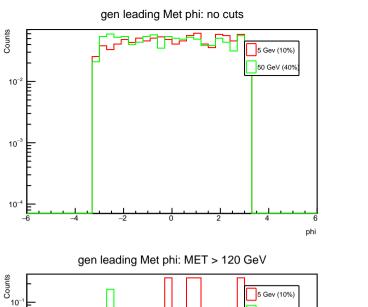


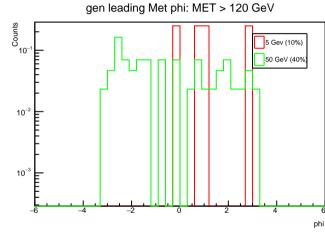


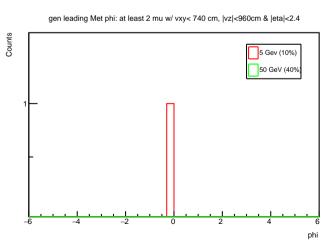


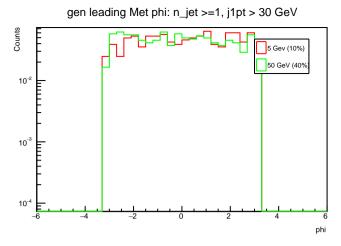


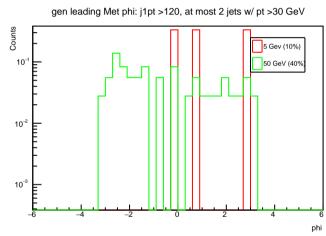


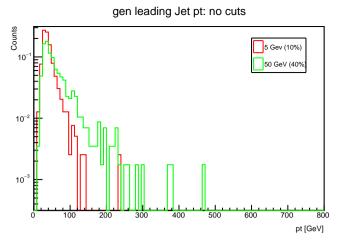


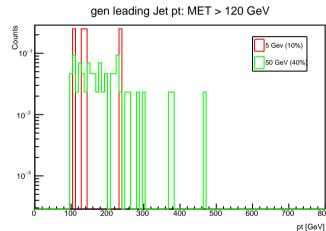


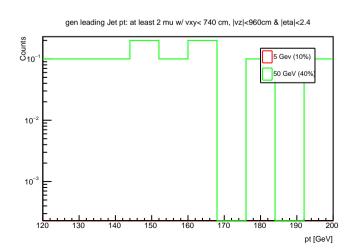


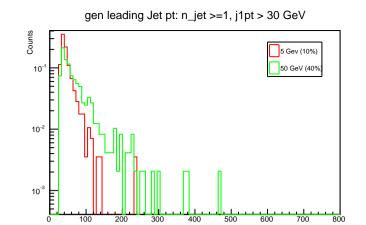




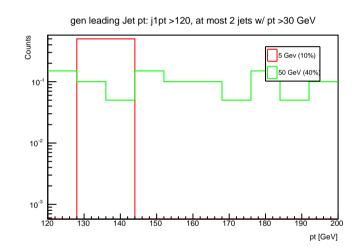


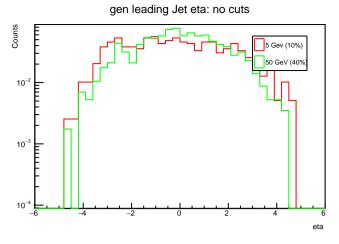


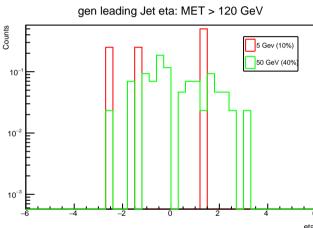


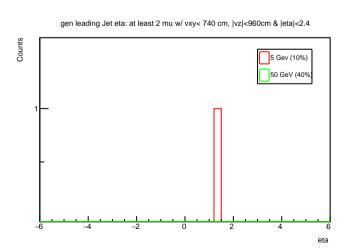


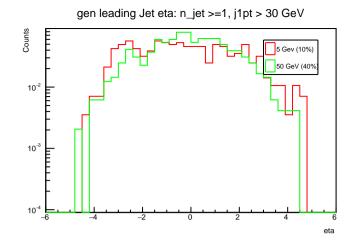
pt [GeV]

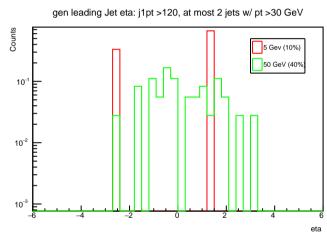


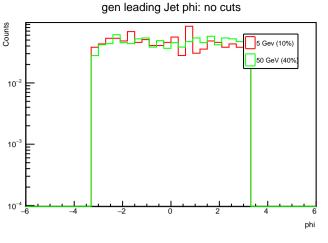


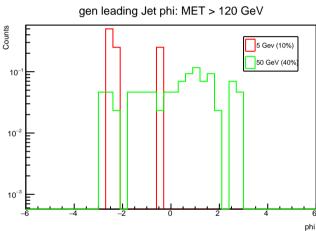


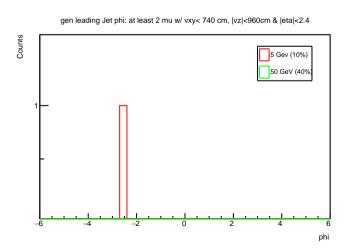


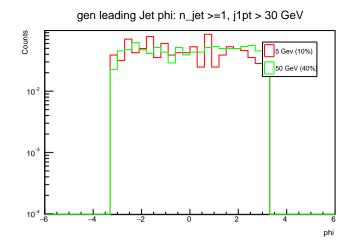


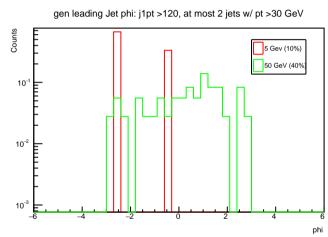


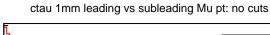


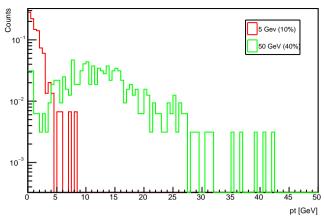




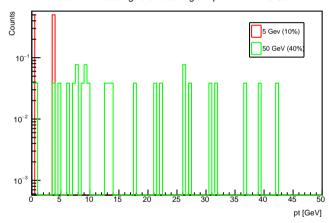




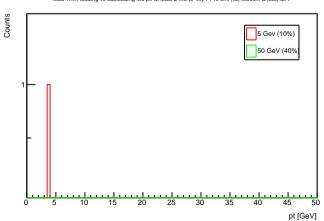




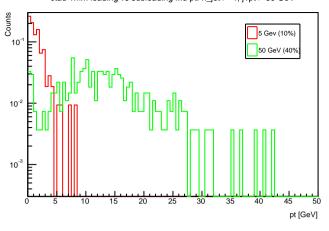
ctau 1mm leading vs subleading Mu pt: MET > 120 GeV



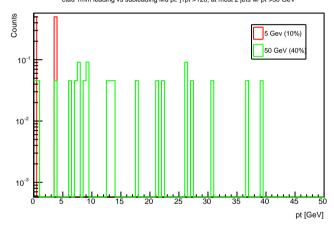
ctau 1mm leading vs subleading Mu pt: at least 2 mu w/ vxy< 740 cm, |vz|<960cm & |eta|<2.4

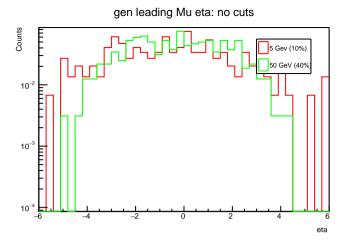


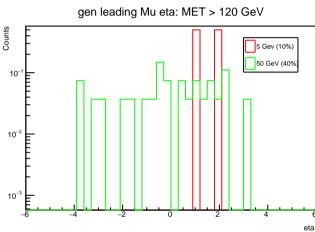
ctau 1mm leading vs subleading Mu pt: n_jet >=1, j1pt > 30 GeV

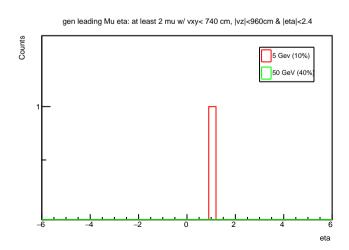


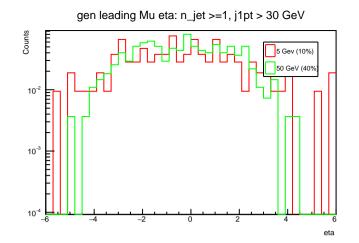
ctau 1mm leading vs subleading Mu pt: j1pt >120, at most 2 jets w/ pt >30 GeV

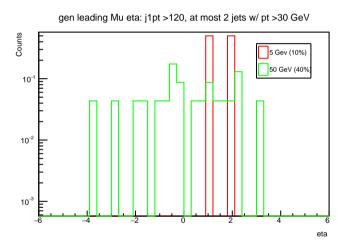


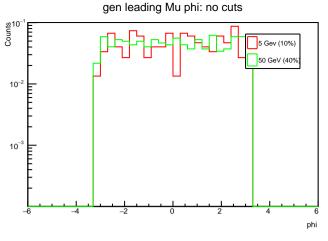


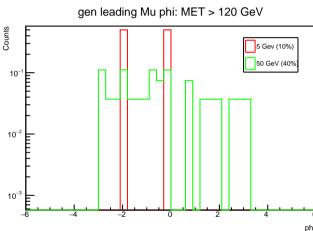


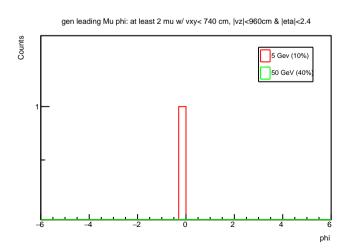


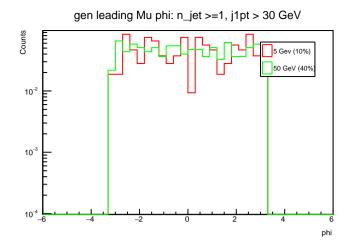


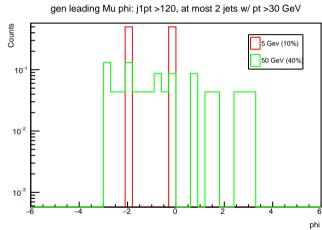


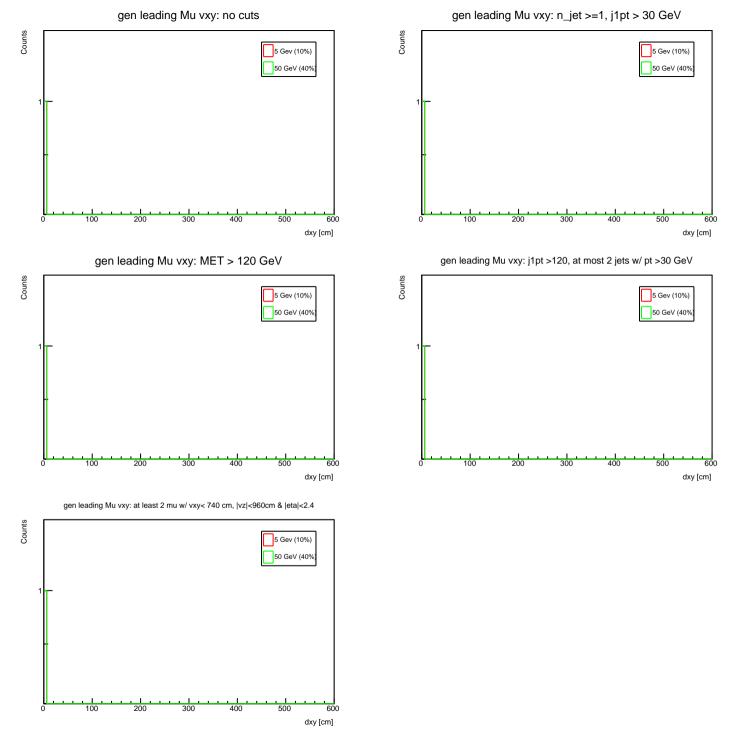


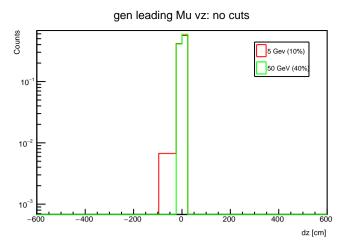


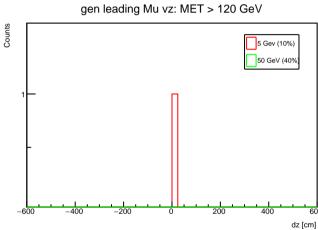


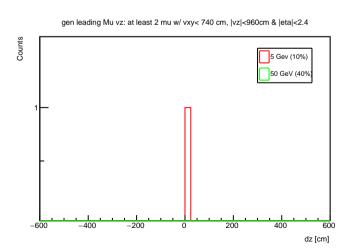


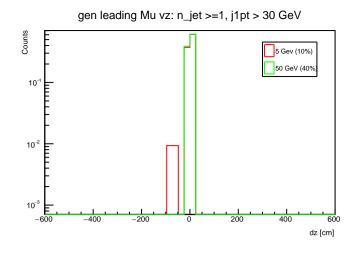


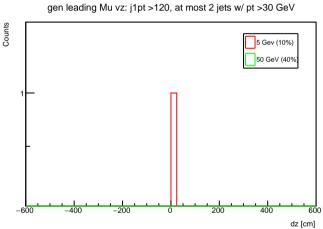


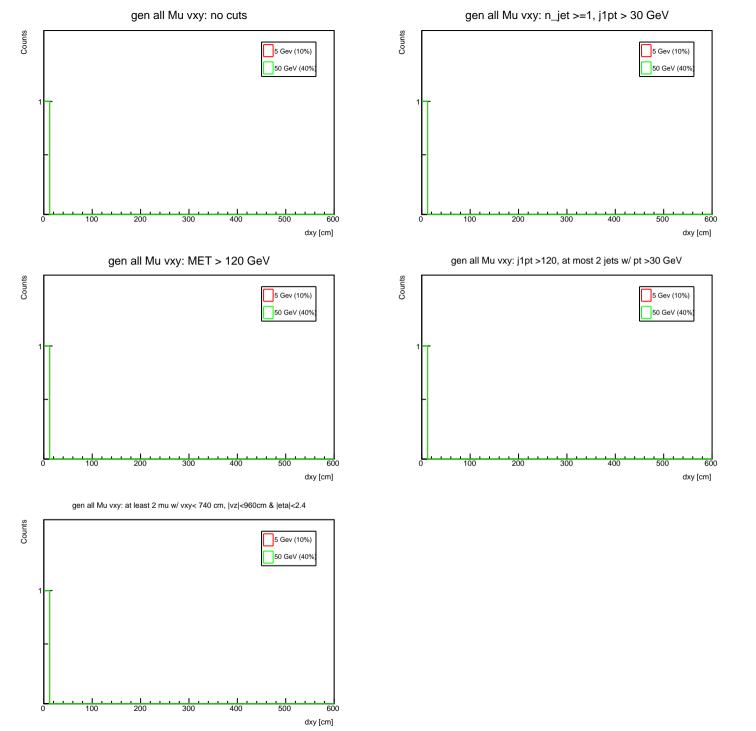


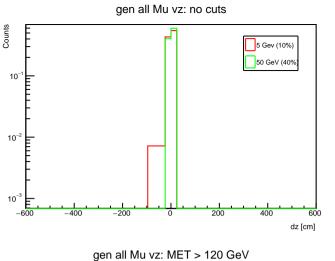


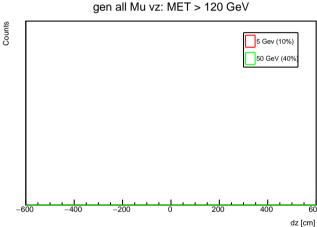


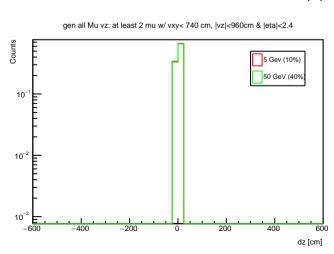


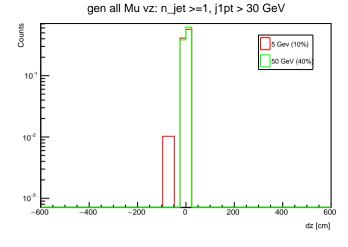


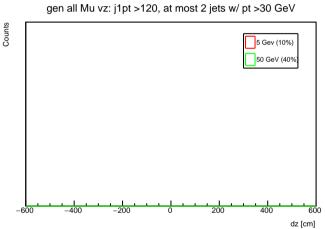


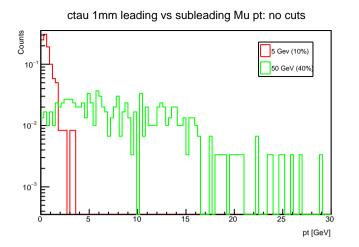


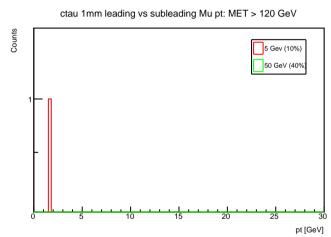


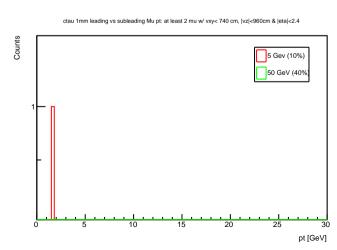


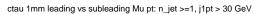


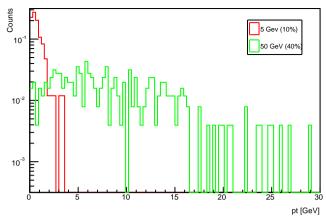




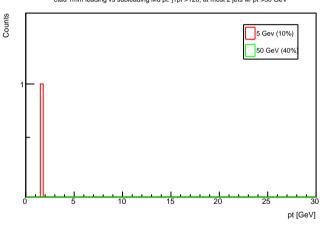


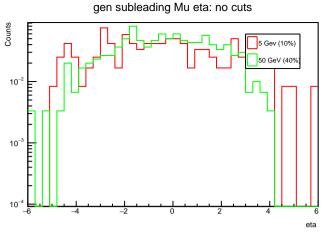


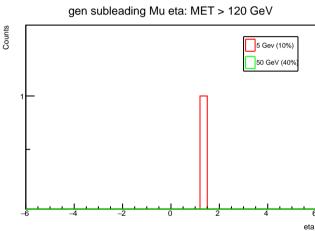


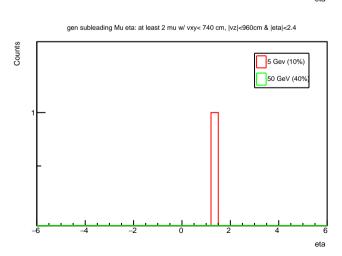


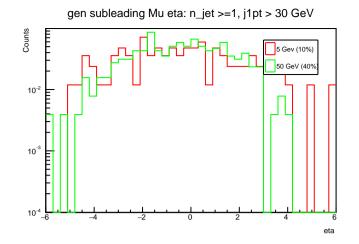
ctau 1mm leading vs subleading Mu pt: j1pt >120, at most 2 jets w/ pt >30 GeV

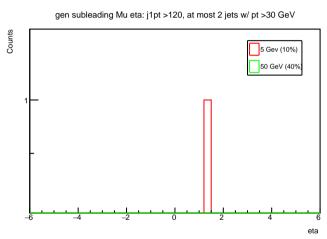


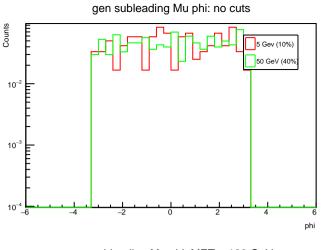


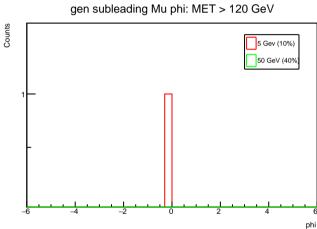


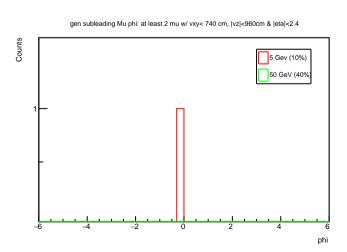


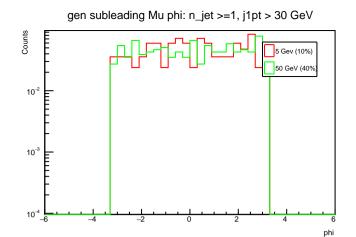


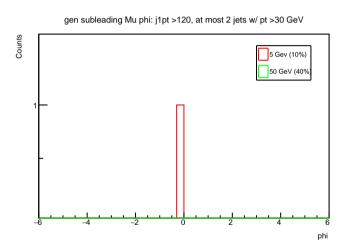


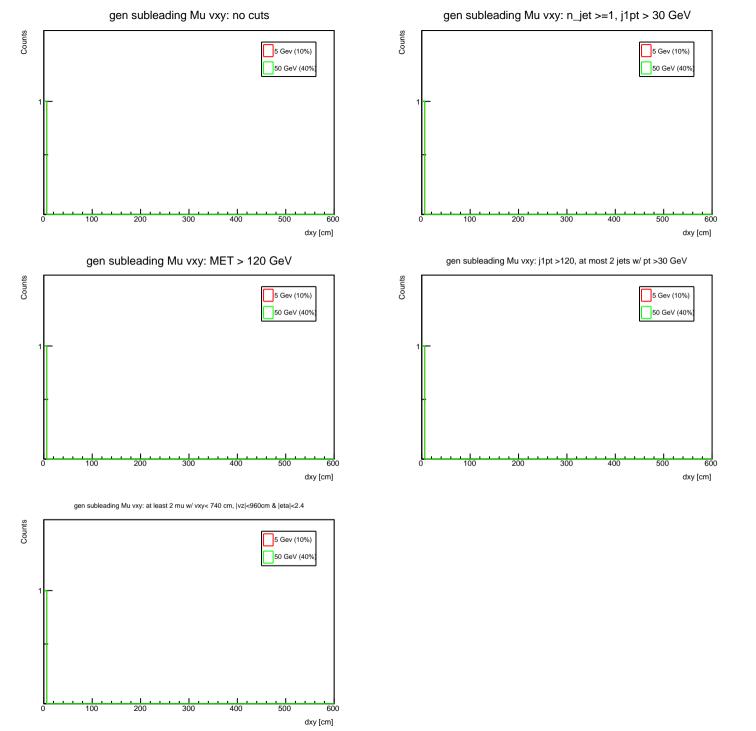


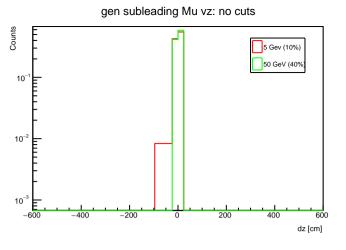


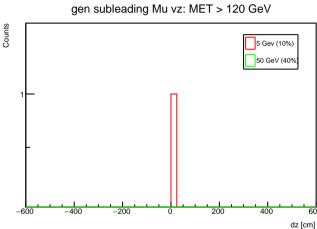


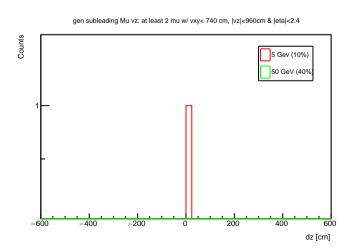


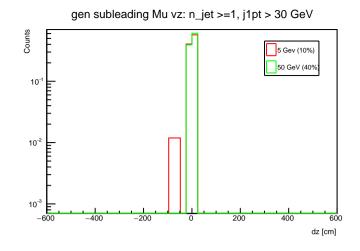


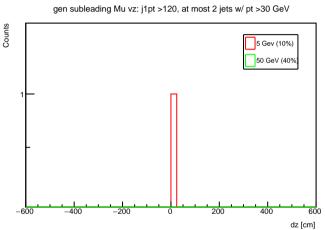


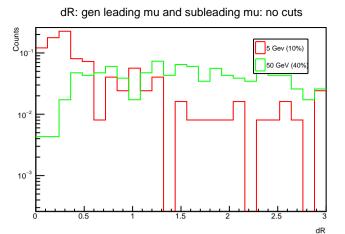


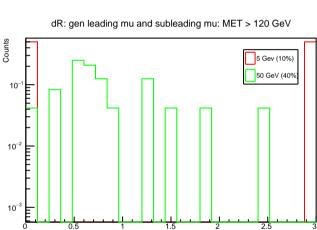




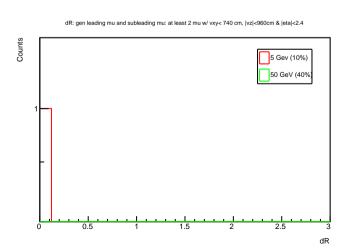


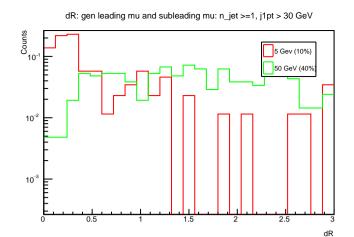


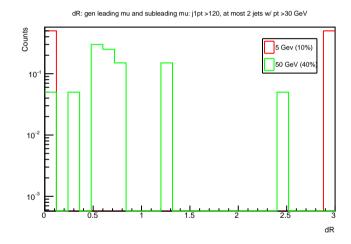


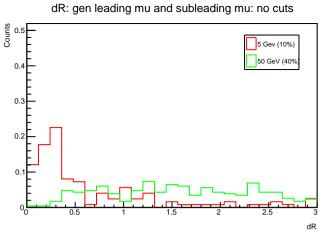


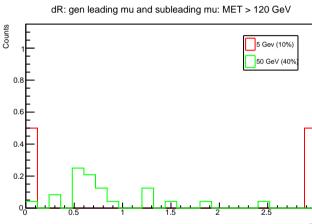
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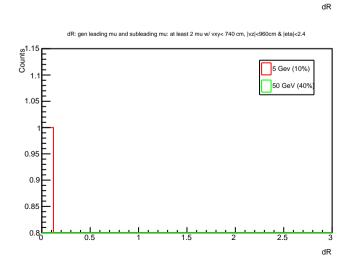


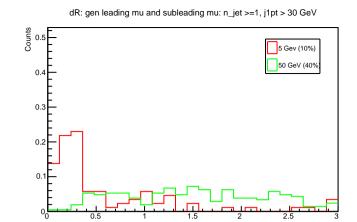




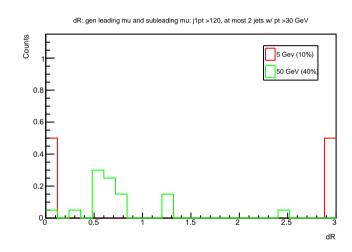


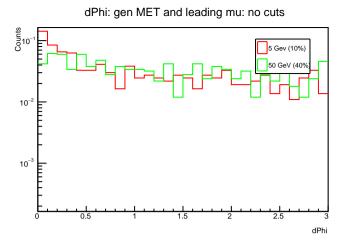


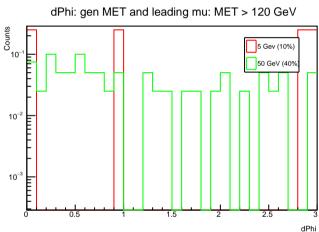


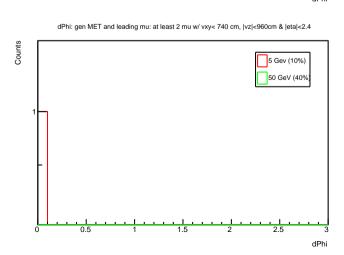


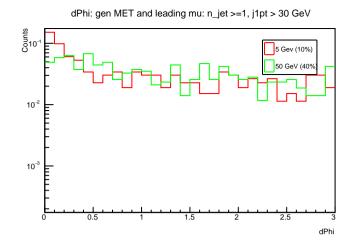
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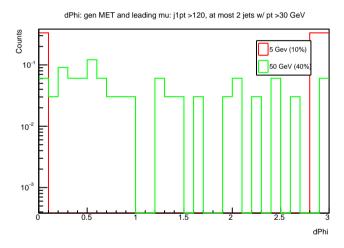


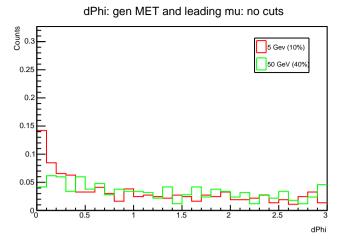


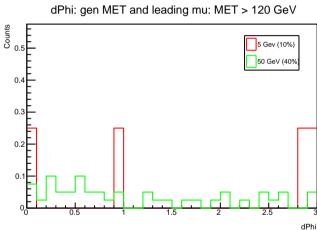


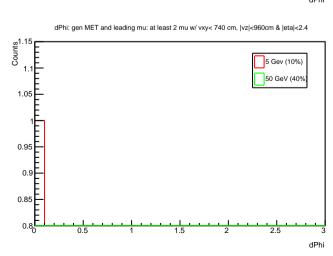


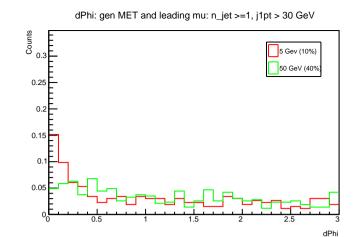


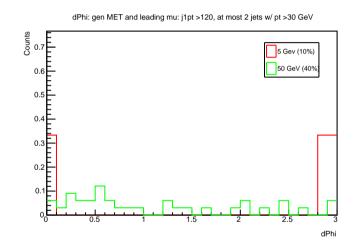


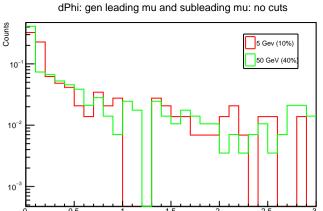


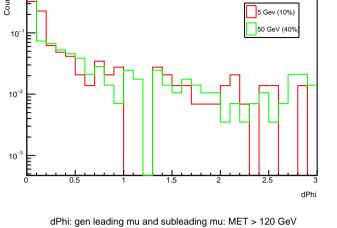


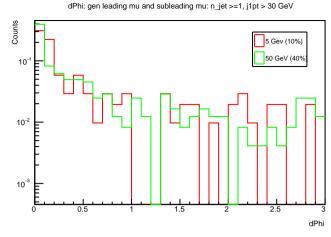


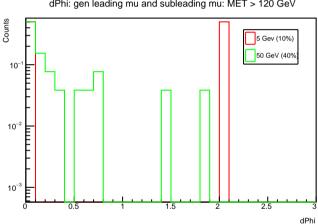


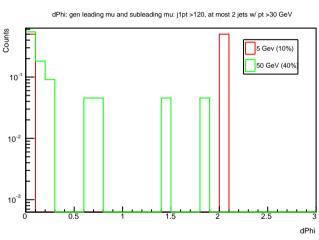


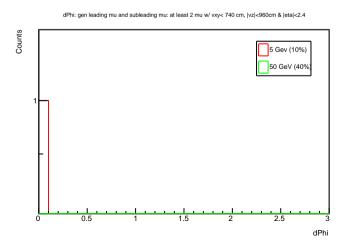


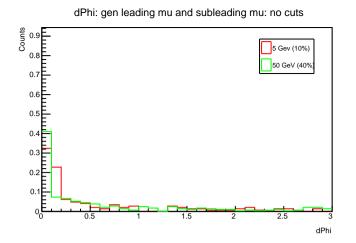


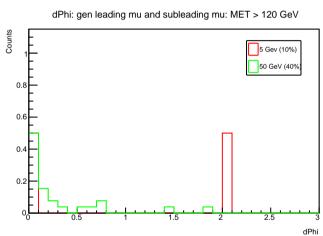


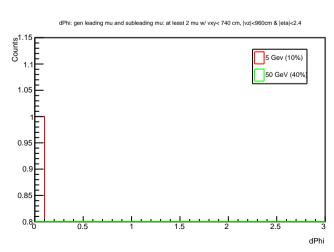


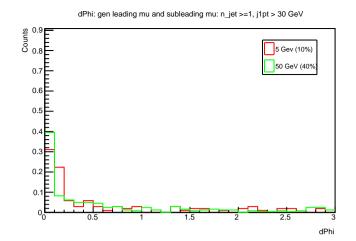


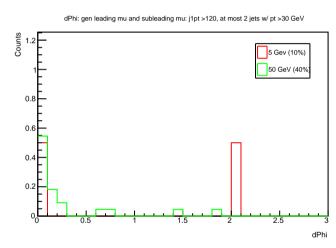


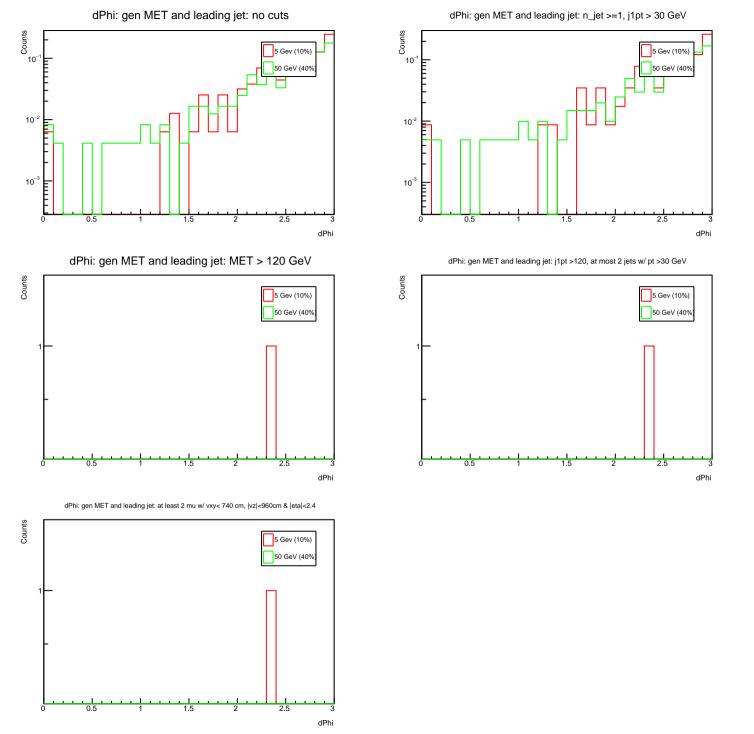


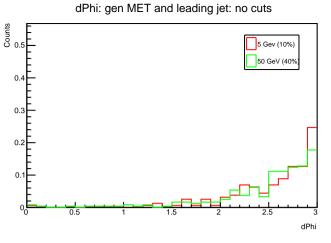


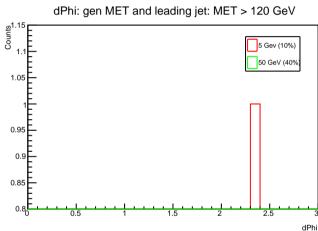


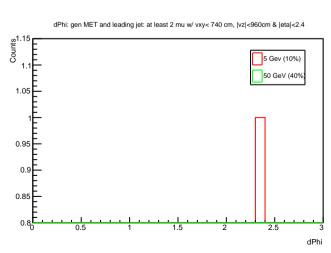


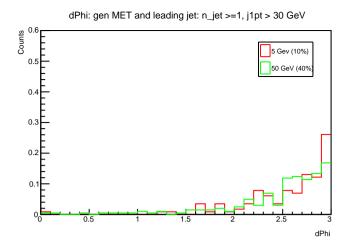


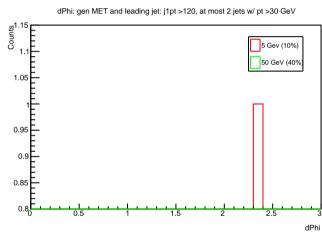


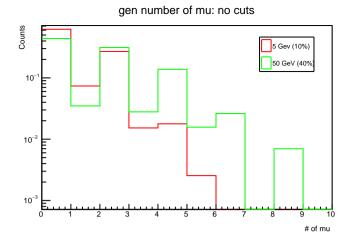


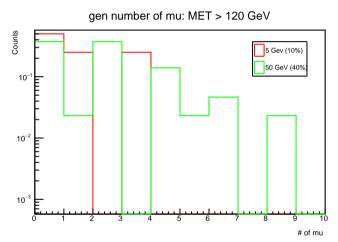


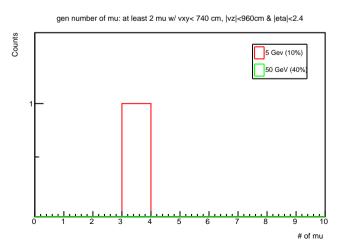


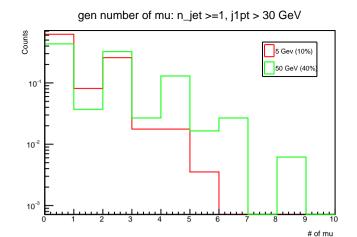


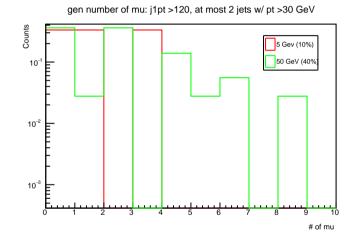


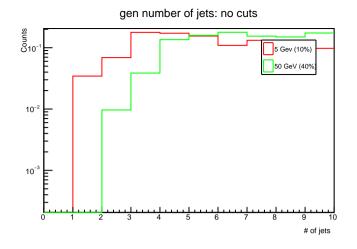


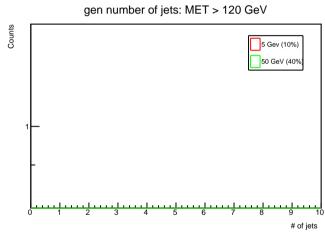


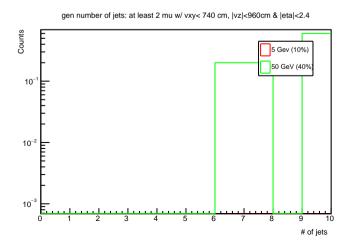


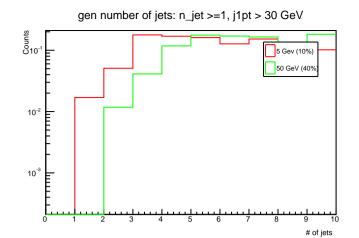


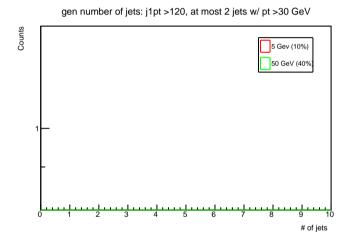


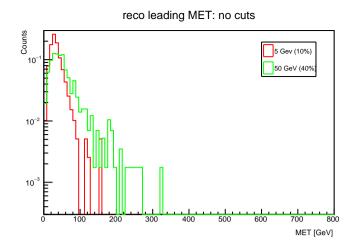


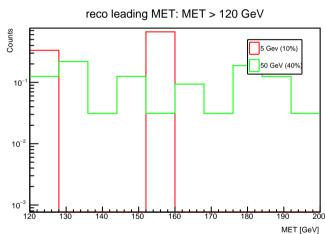


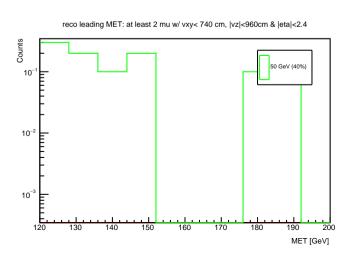


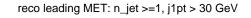


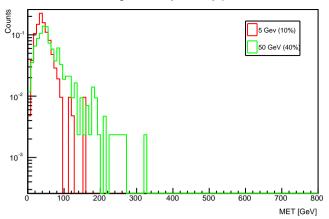




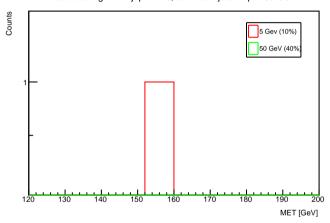


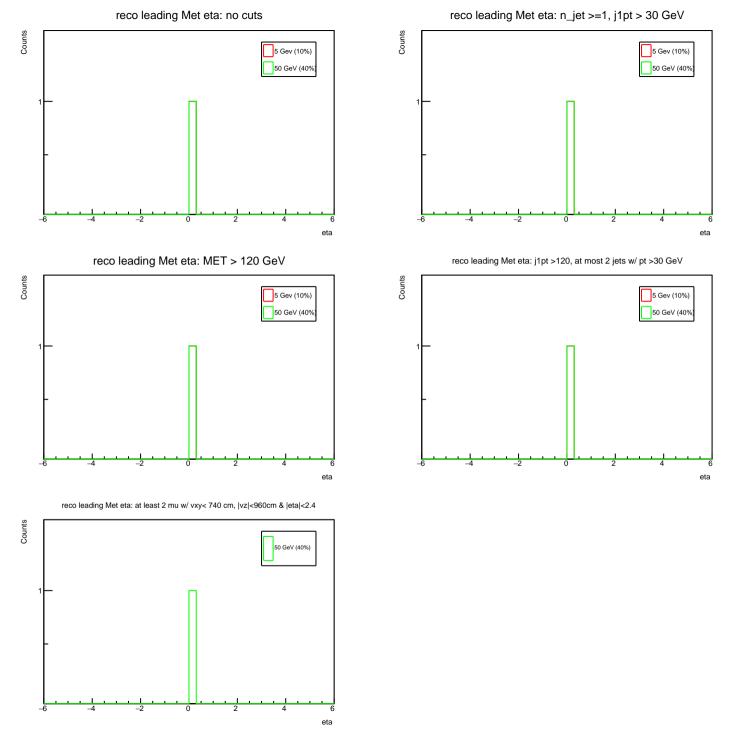


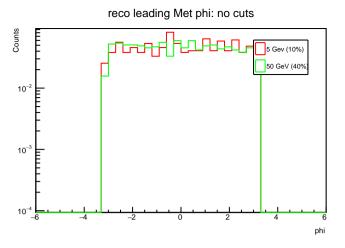


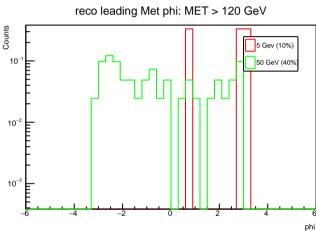


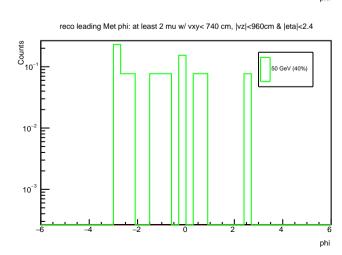
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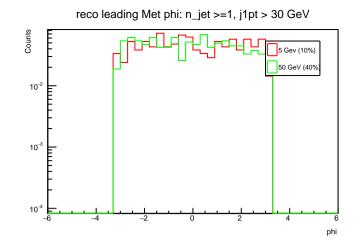


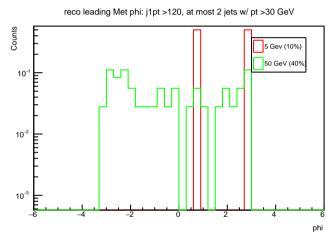


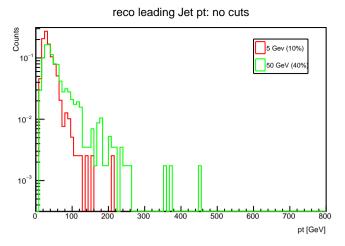


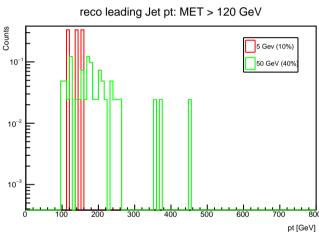


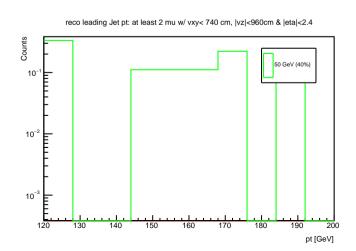


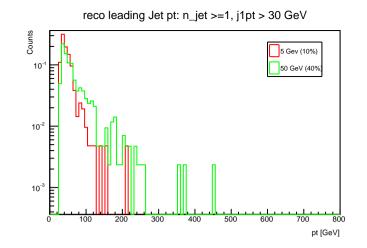


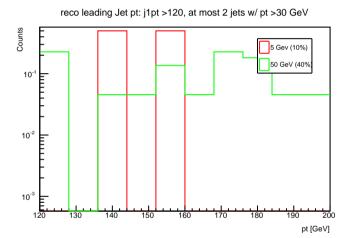


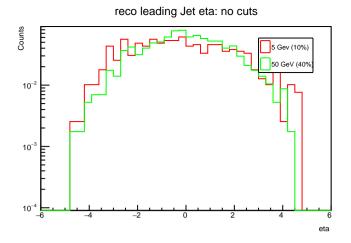


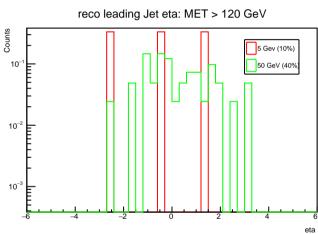


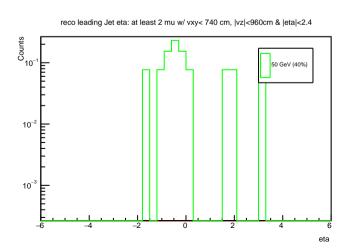


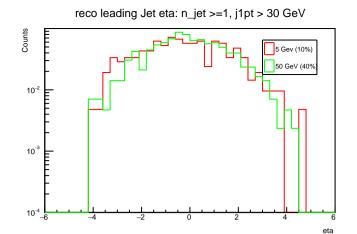


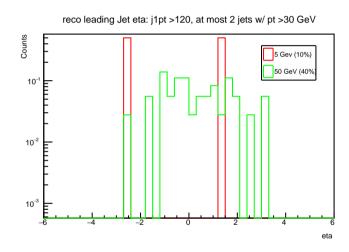


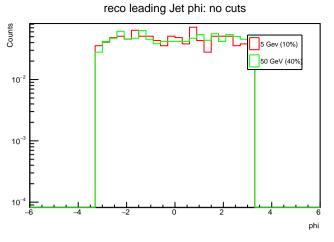


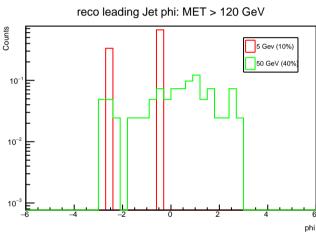


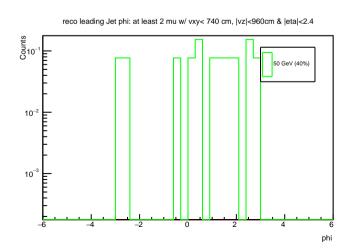


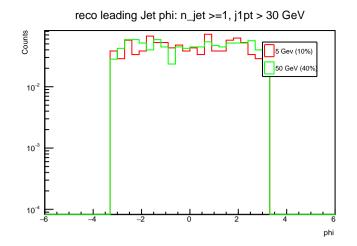


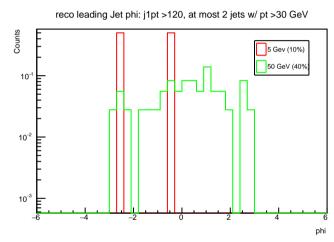




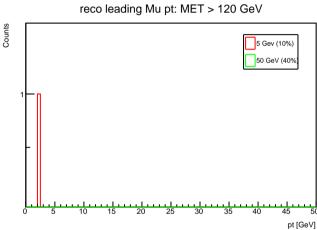


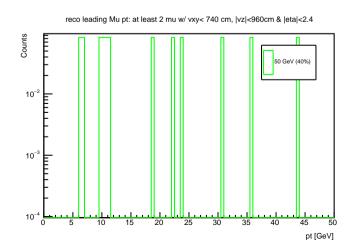


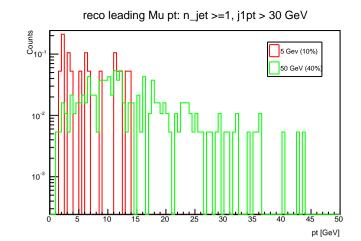


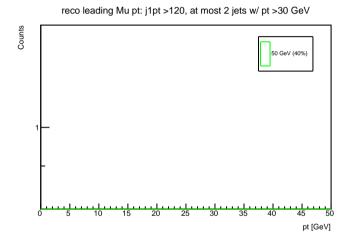


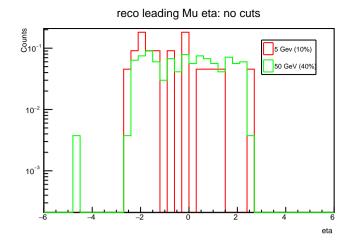


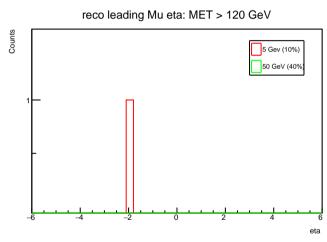


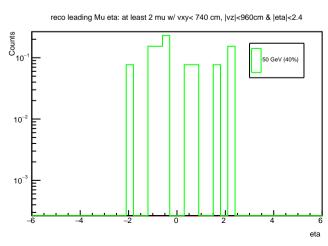


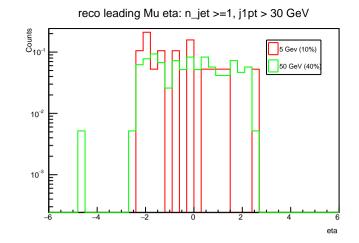


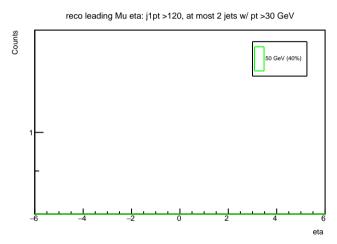


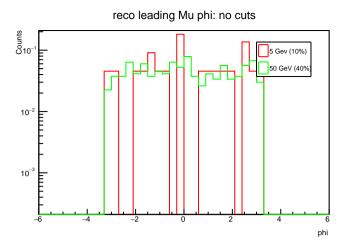


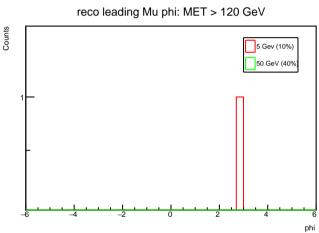


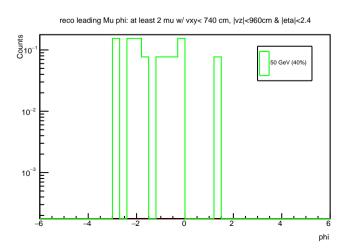


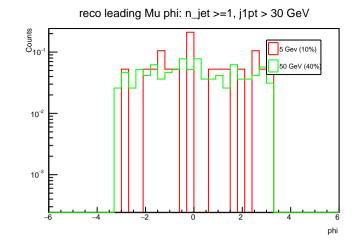


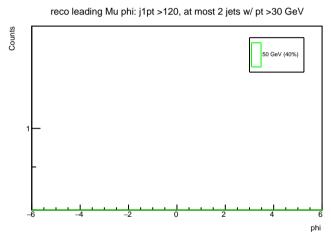


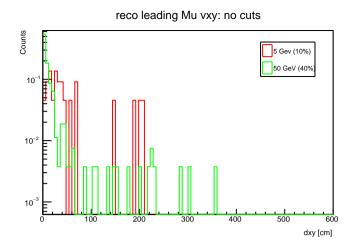


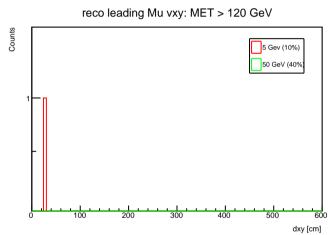


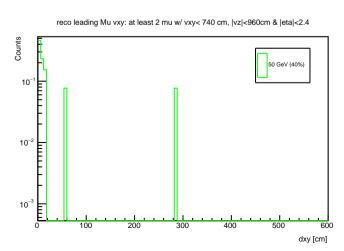


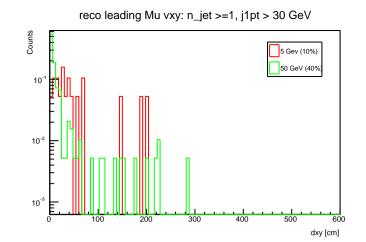


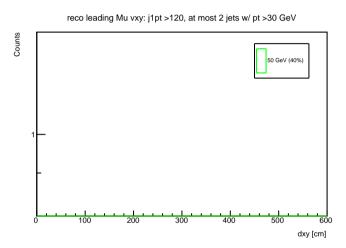


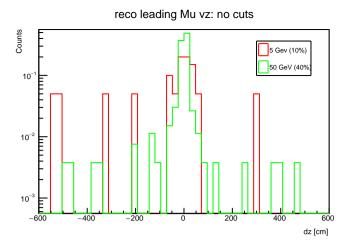


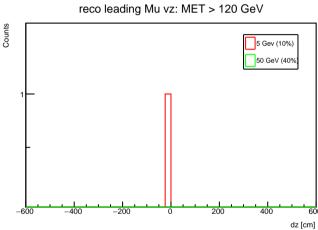


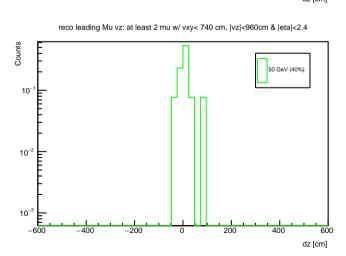


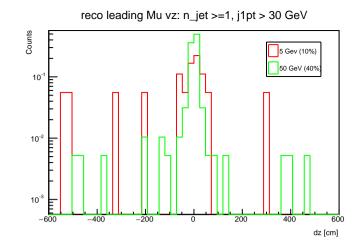


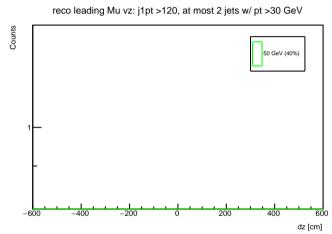


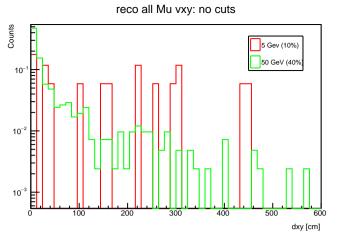


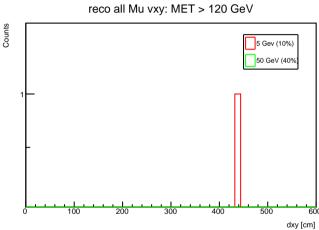


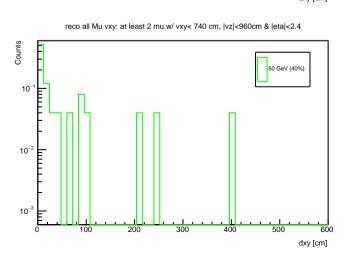


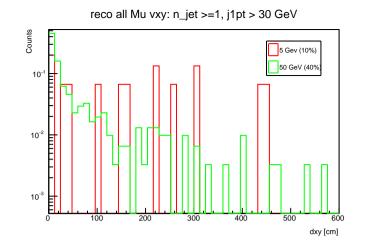


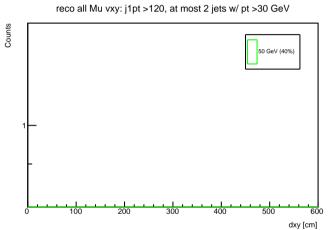


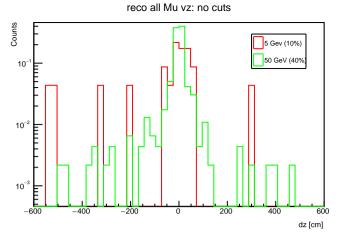


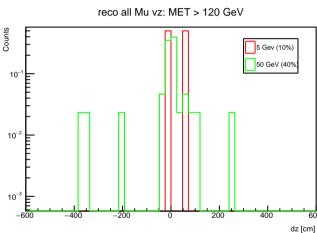


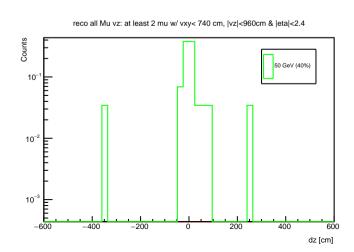


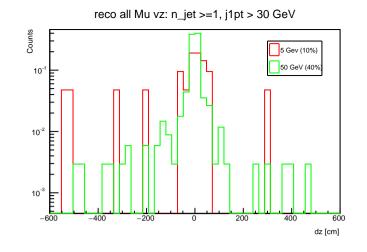


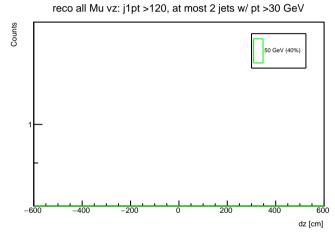


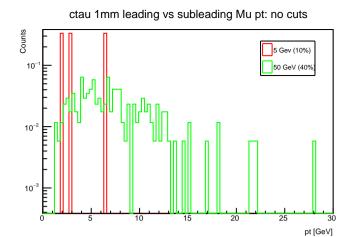


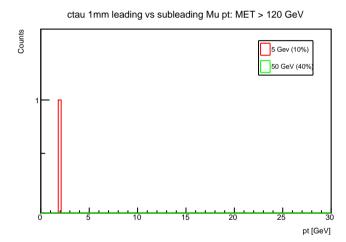


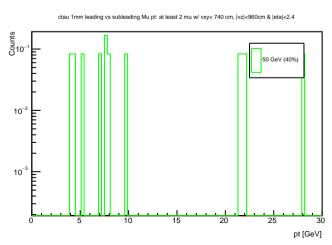


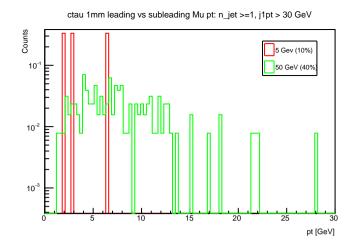


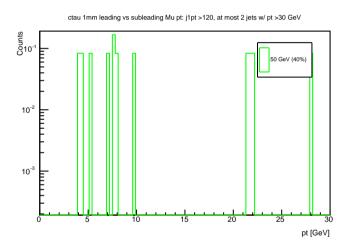


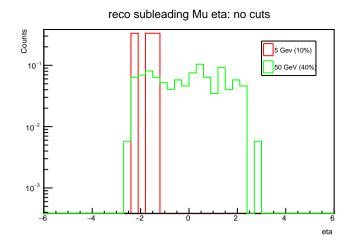


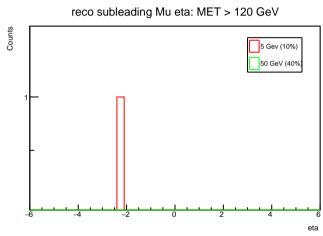


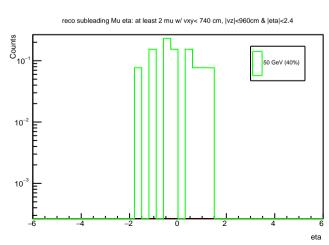


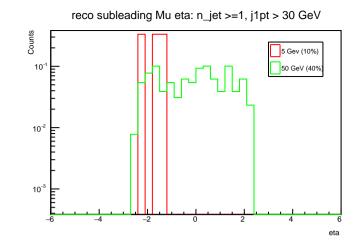


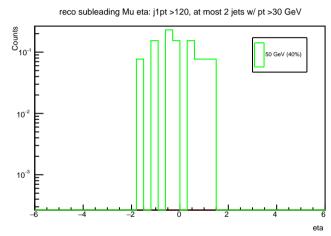


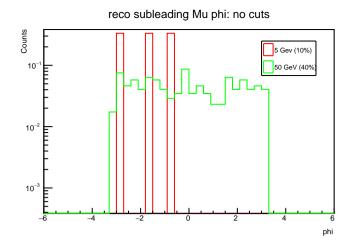


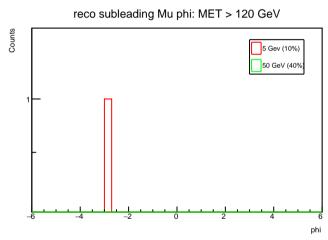


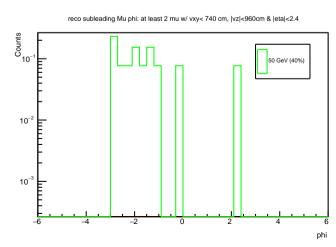


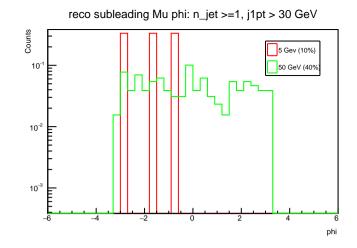


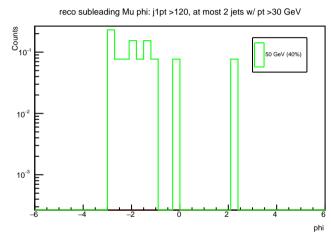


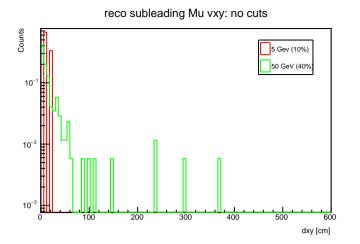


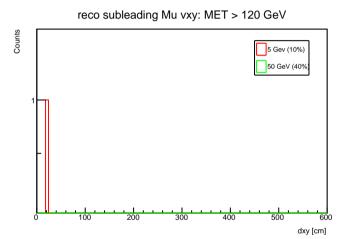


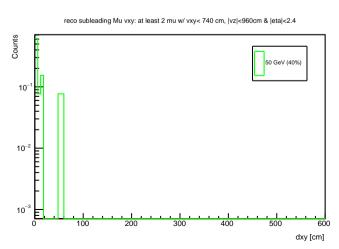


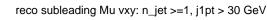


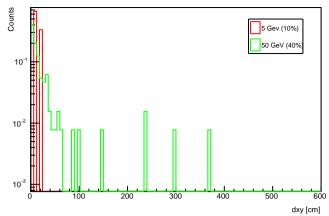




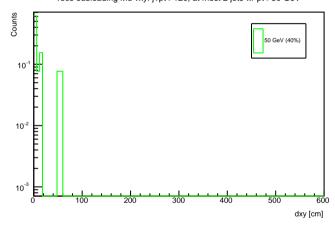


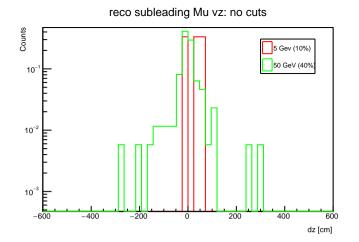


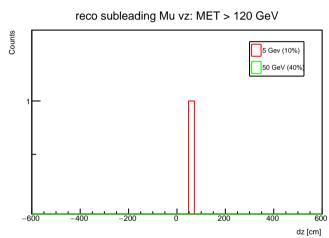


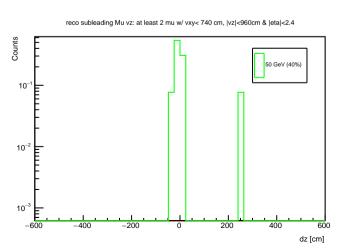


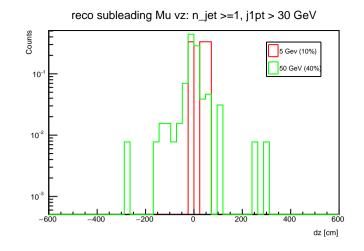
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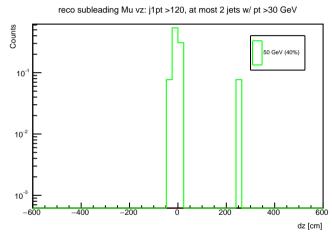


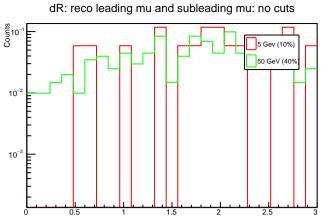


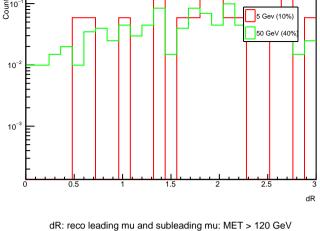


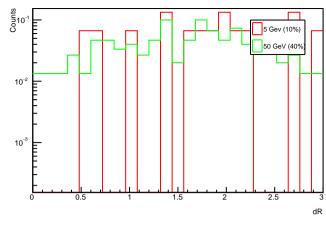




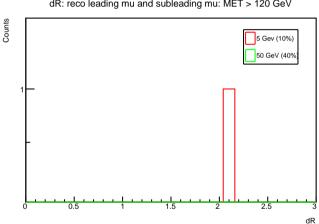


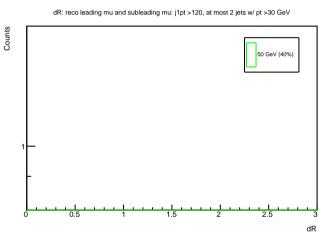




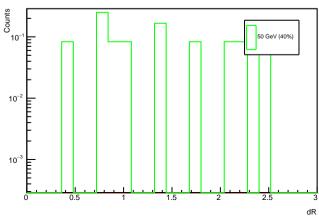


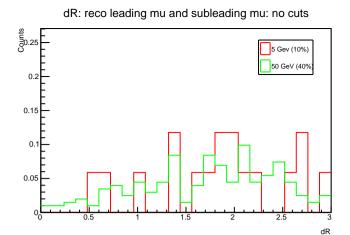
dR: reco leading mu and subleading mu: n_jet >=1, j1pt > 30 GeV

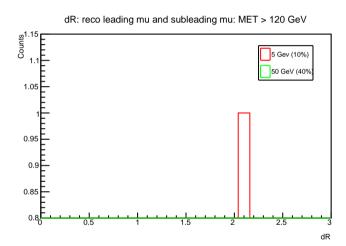


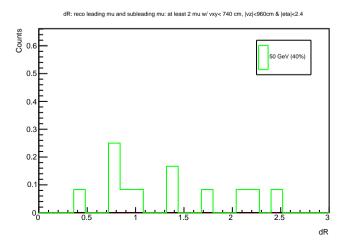


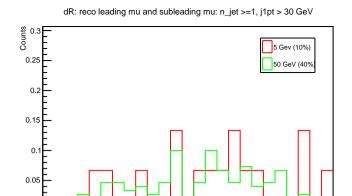
dR: reco leading mu and subleading mu: at least 2 mu w/ vxy< 740 cm, |vz|<960cm & |eta|<2.4





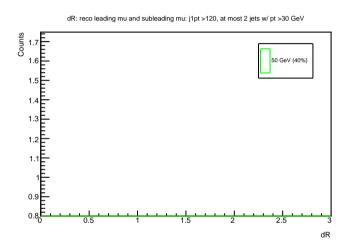


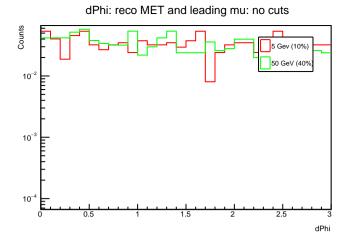


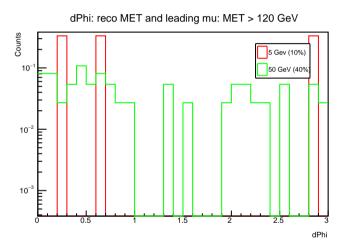


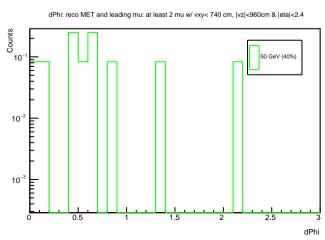
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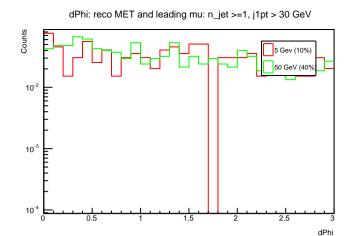
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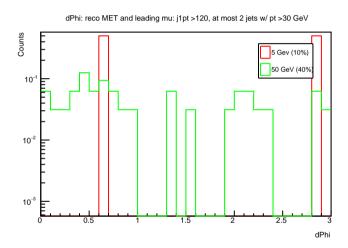


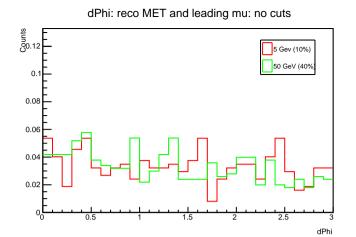


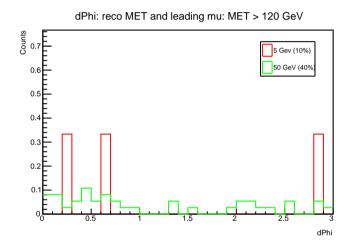


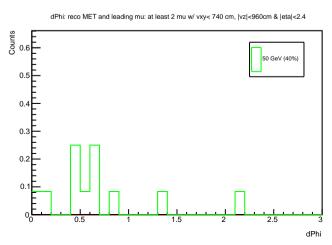


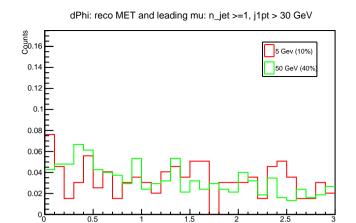




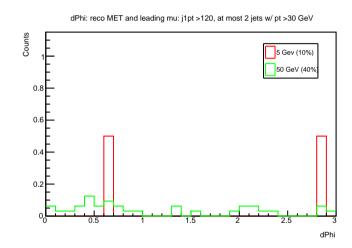


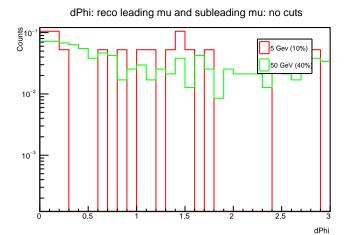




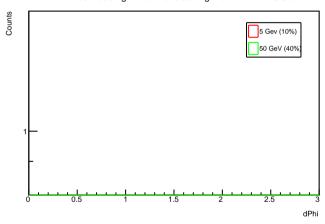


dPhi

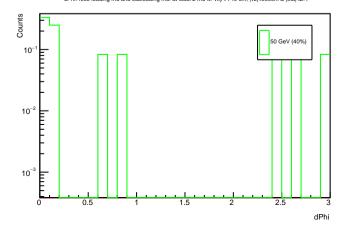




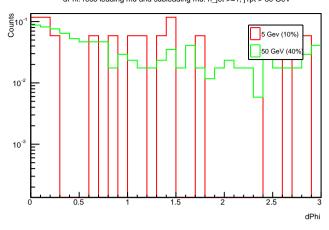




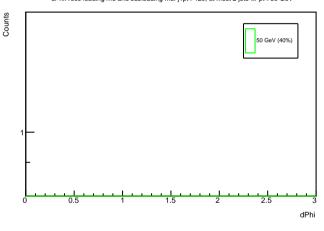
dPhi: reco leading mu and subleading mu: at least 2 mu w/ vxy< 740 cm, |vz|<960cm & |eta|<2.4

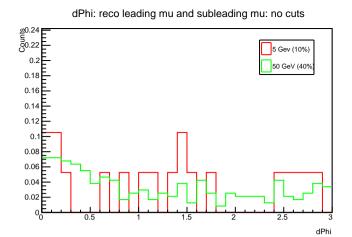


dPhi: reco leading mu and subleading mu: n_jet >=1, j1pt > 30 GeV

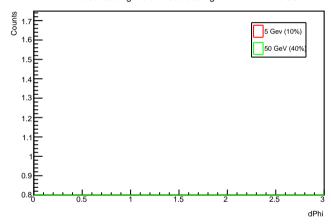


dPhi: reco leading mu and subleading mu: j1pt >120, at most 2 jets w/ pt >30 GeV

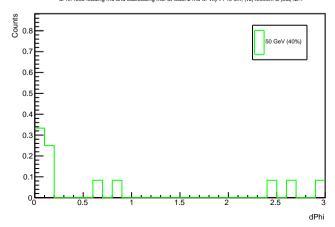




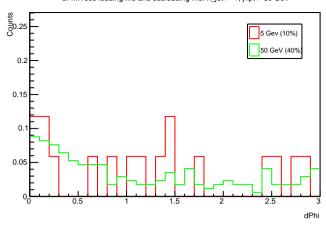




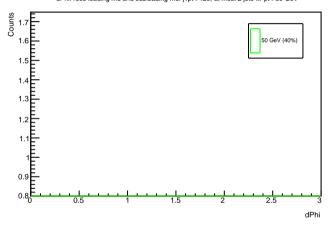
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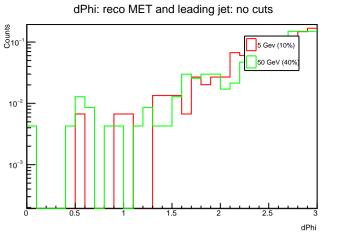


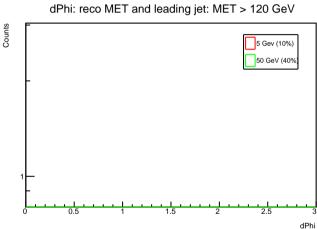


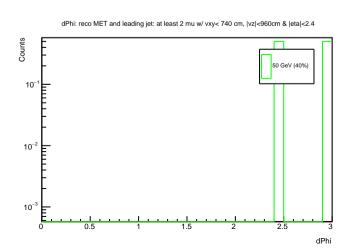


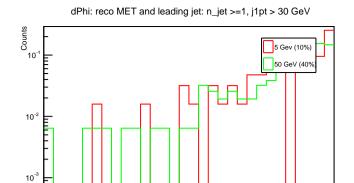
dPhi: reco leading mu and subleading mu: j1pt >120, at most 2 jets w/ pt >30 GeV







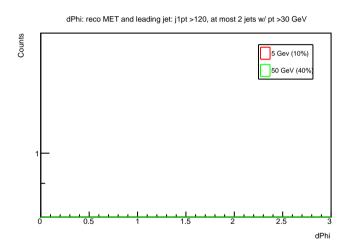


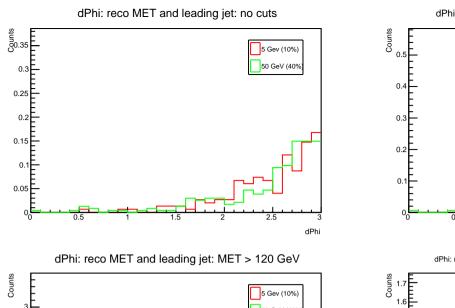


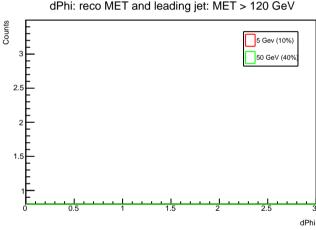
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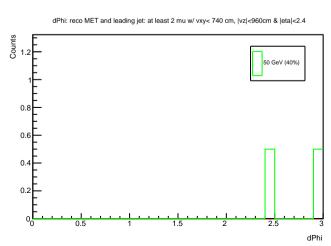
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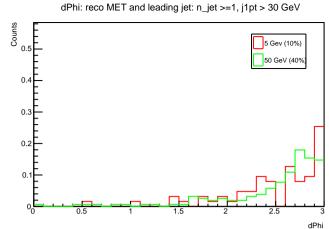
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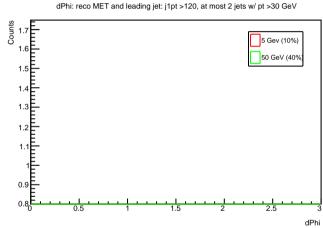


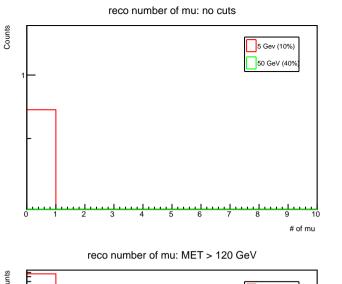


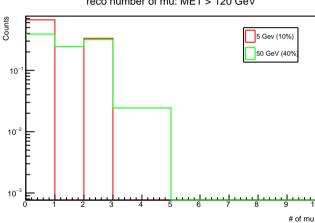


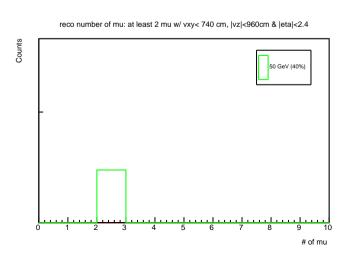




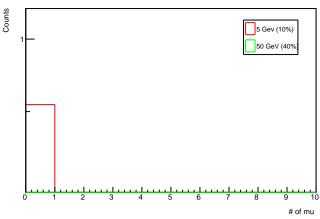




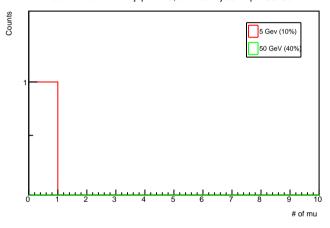


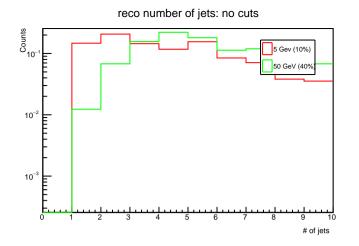


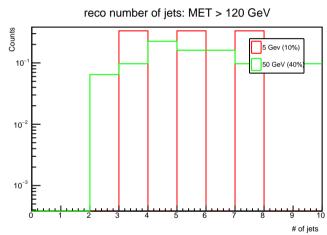


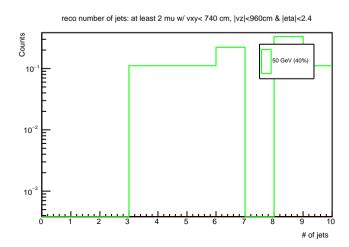


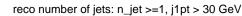
reco number of mu: j1pt >120, at most 2 jets w/ pt >30 GeV

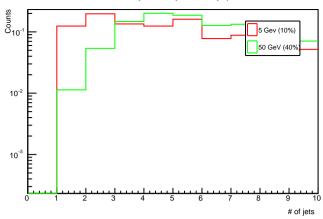




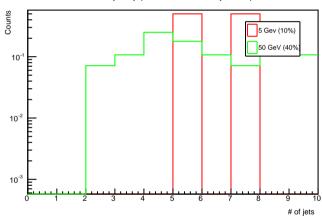


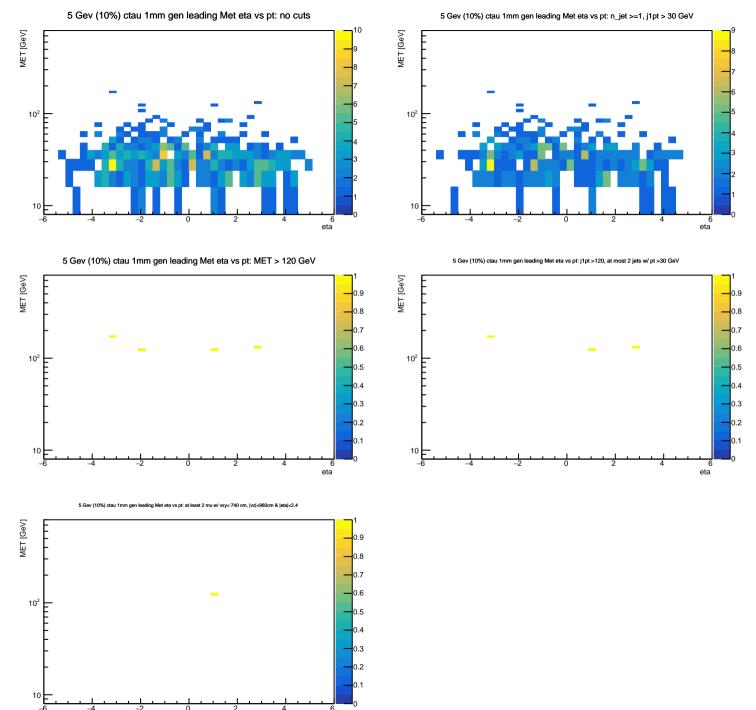


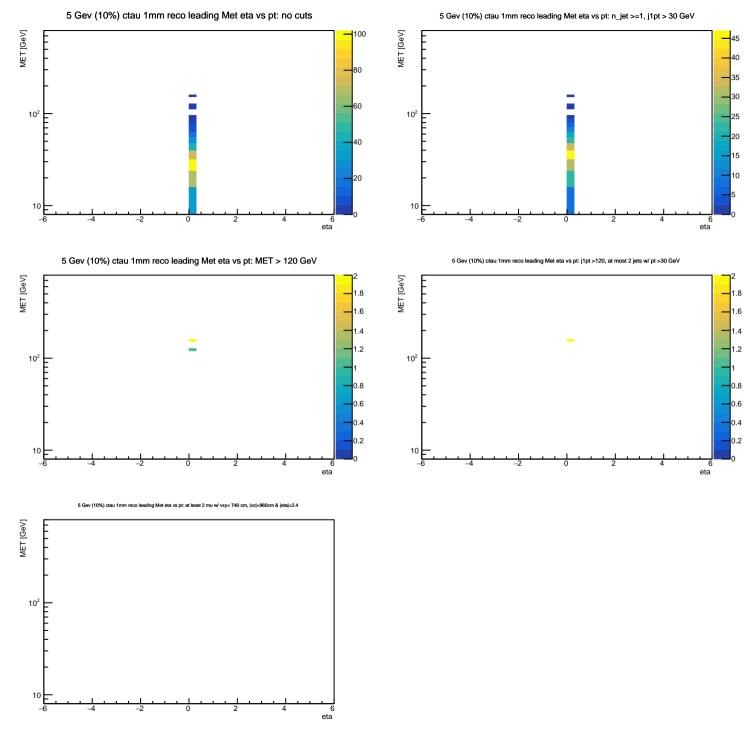


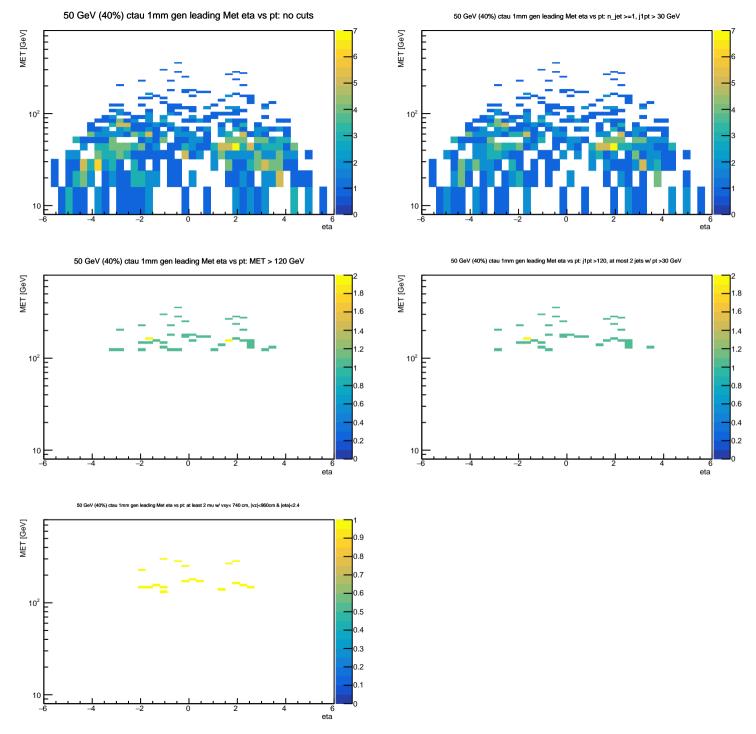


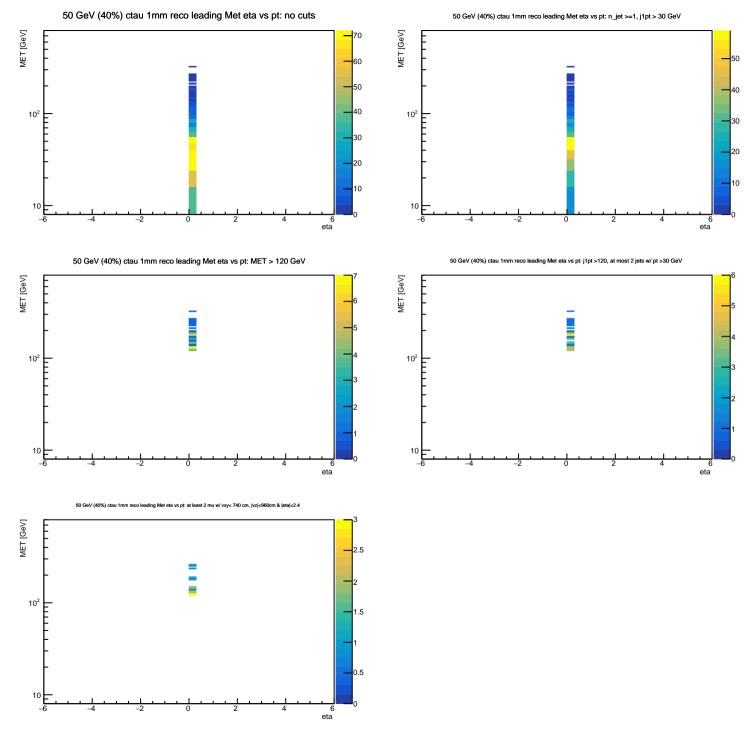
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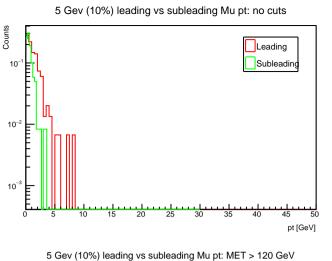


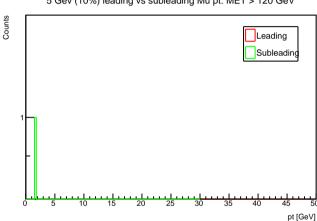


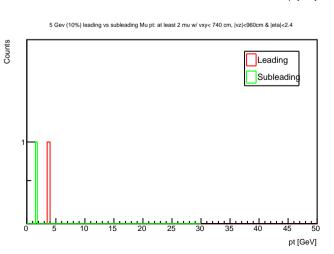


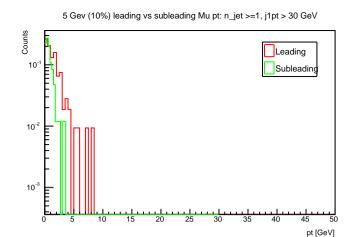


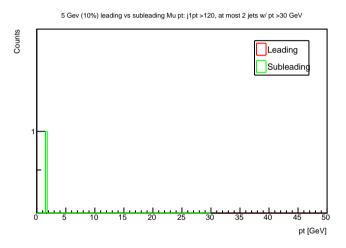


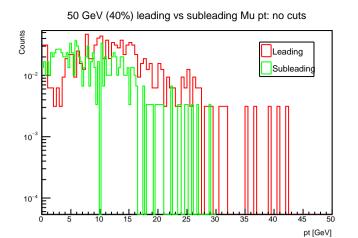


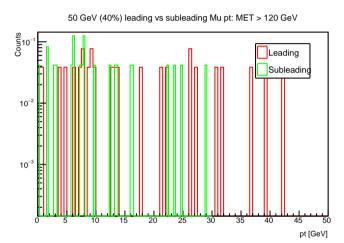


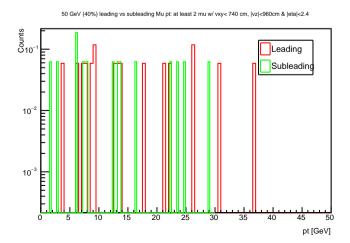




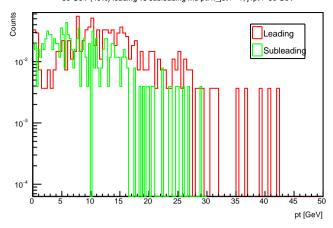


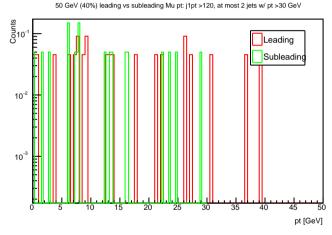






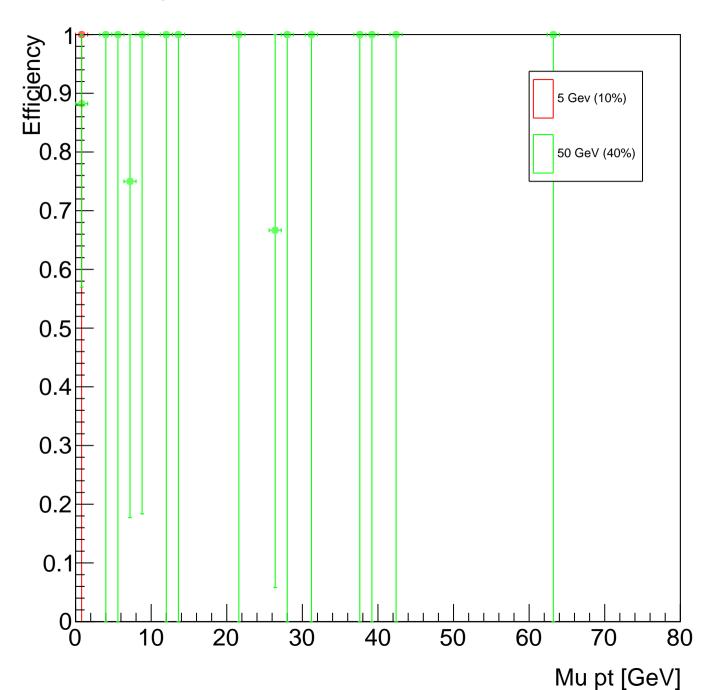


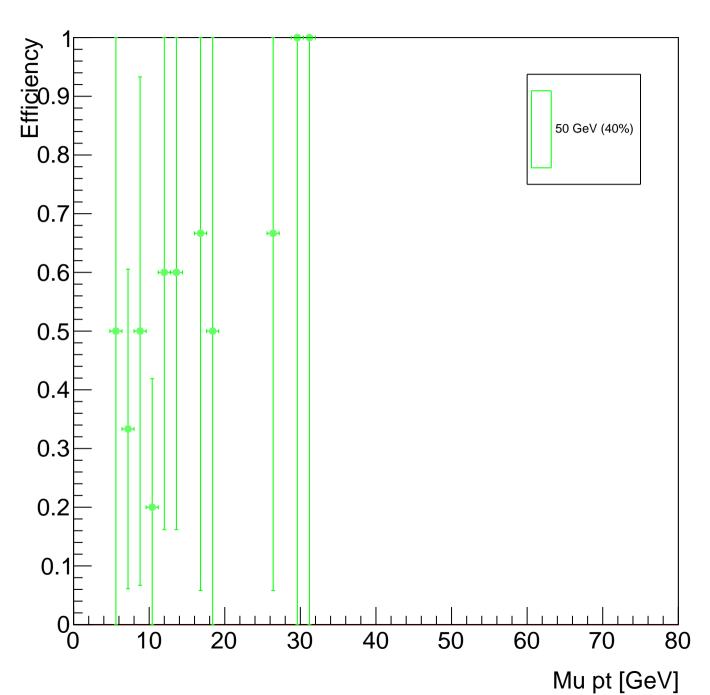


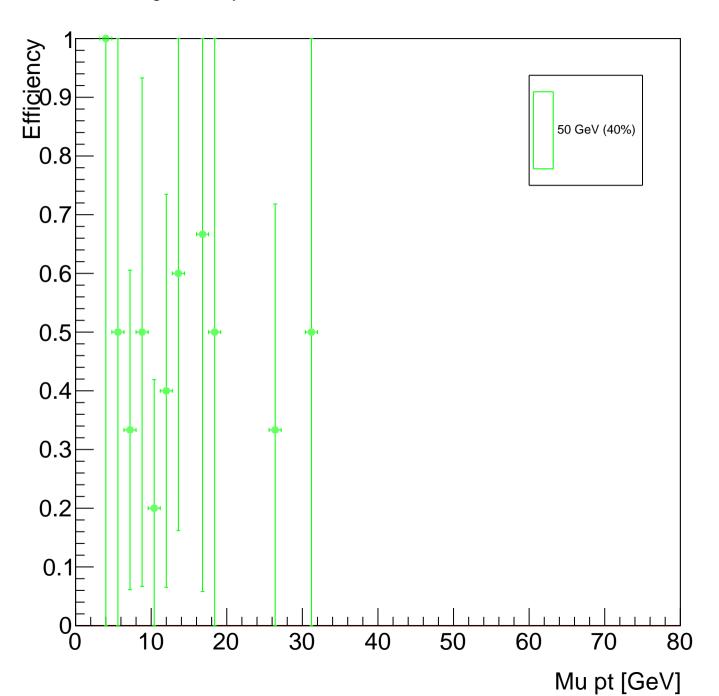




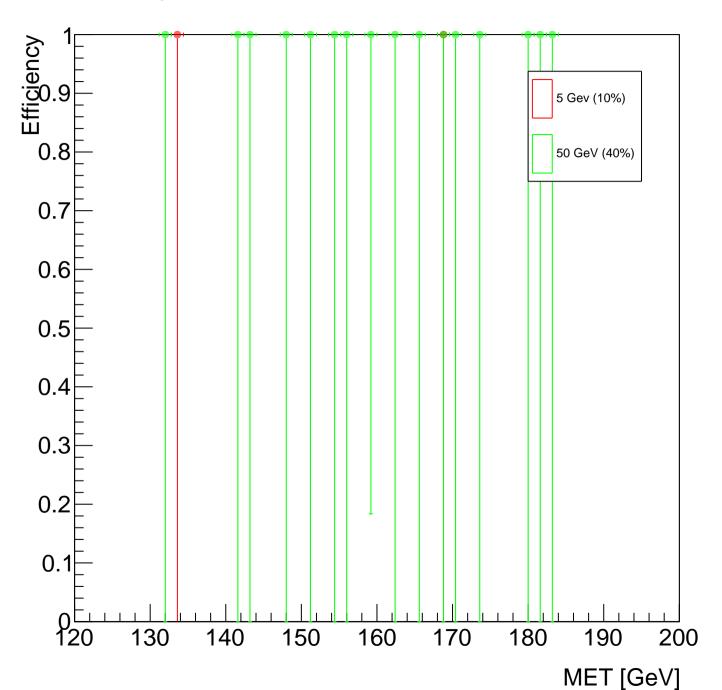
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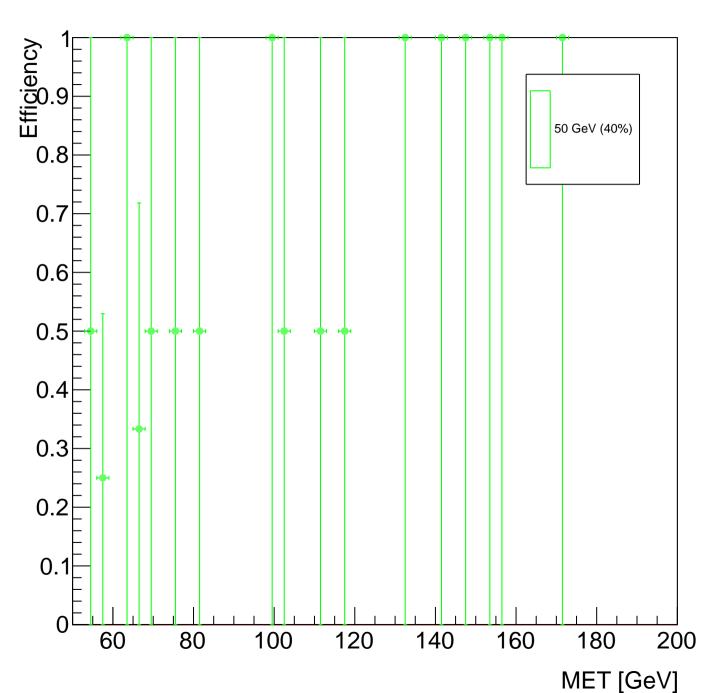


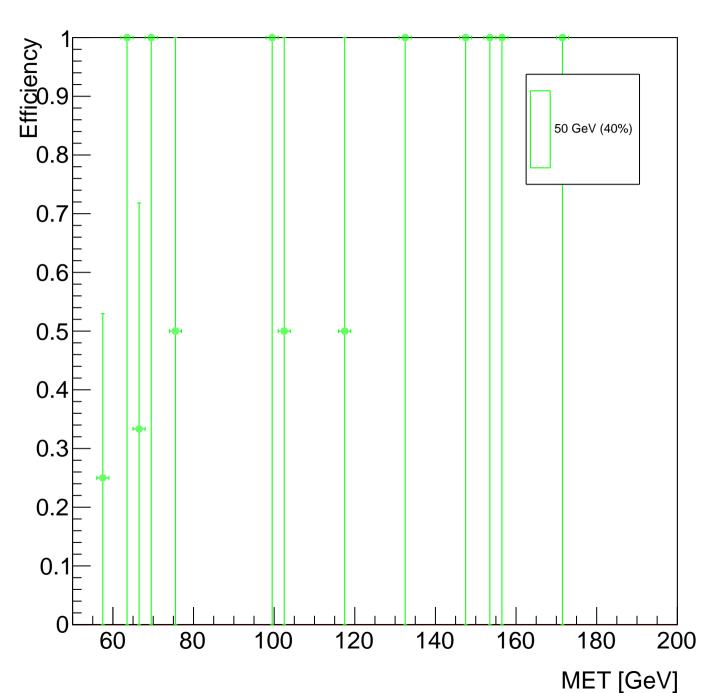




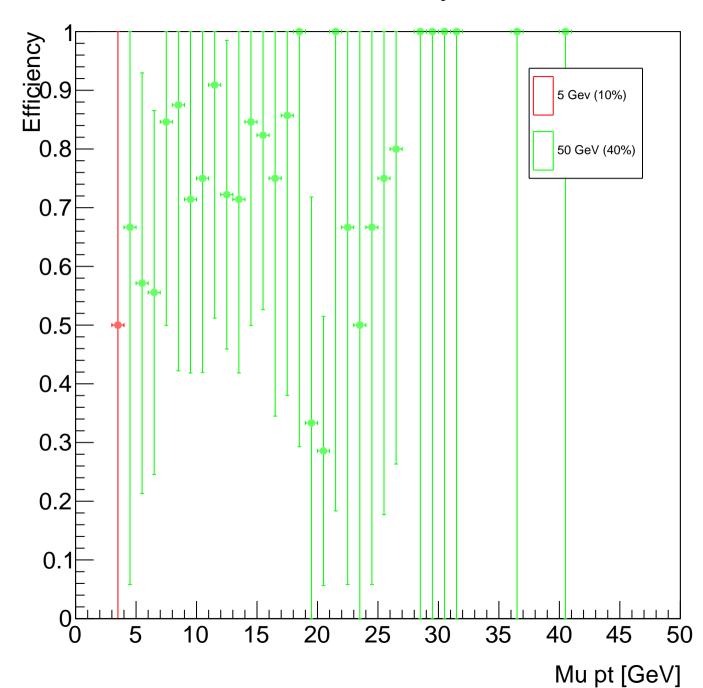
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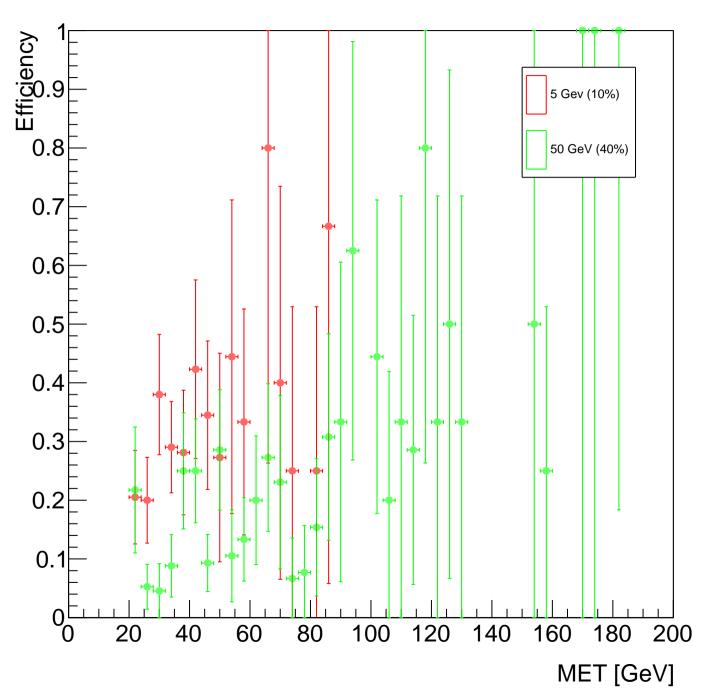




recoefficiency mu



recoefficiency met



recoefficiency met

