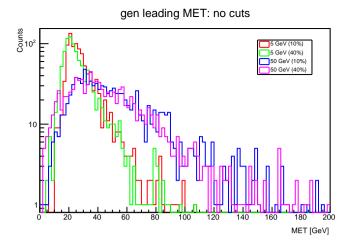
ctau 100cm

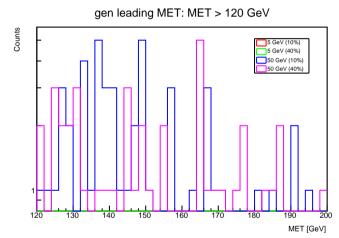
nevents 5 GeV (10%): 1000(c1:371(285),c2:3(3),c3:3(3),c4:2(3))

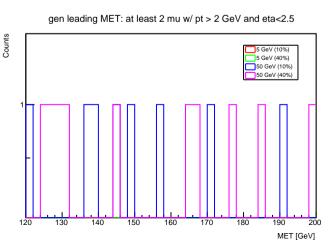
nevents 5 GeV (40%): 1000(c1:371(292),c2:1(1),c3:0(0),c4:0(0))

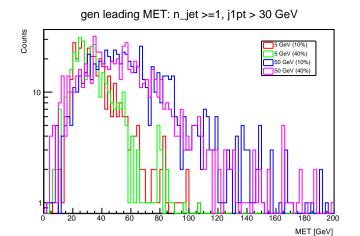
nevents 50 GeV (10%): 1000(c1:723(663),c2:60(58),c3:41(36),c4:11(36))

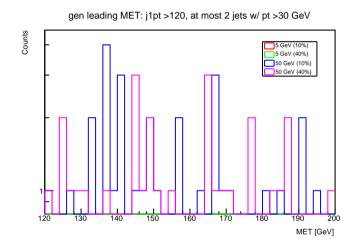
nevents 50 GeV (40%): 1000(c1:704(628),c2:48(56),c3:34(32),c4:13(32))

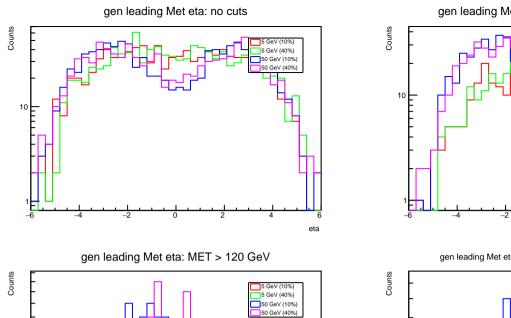


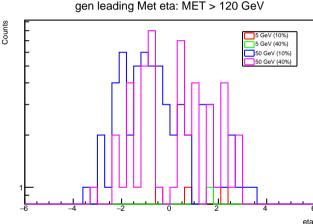


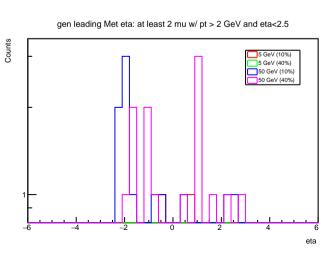


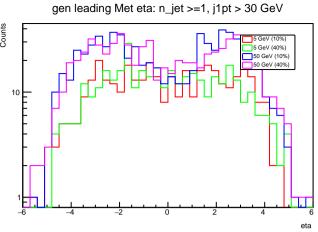


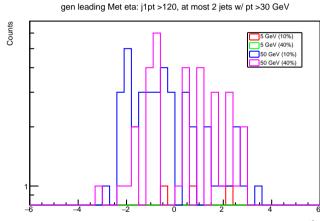


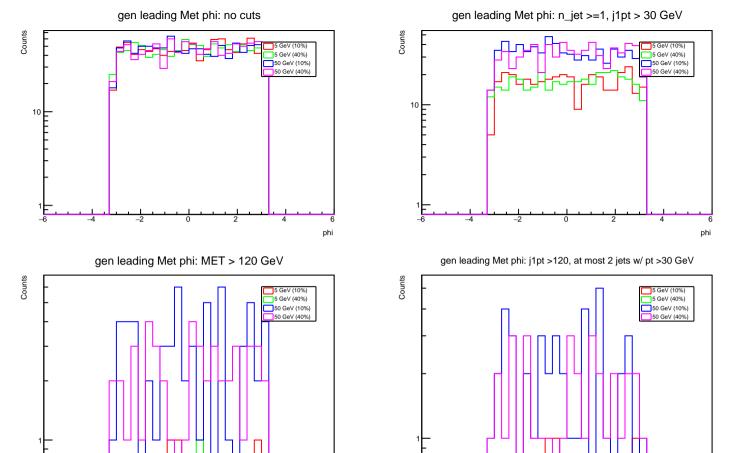




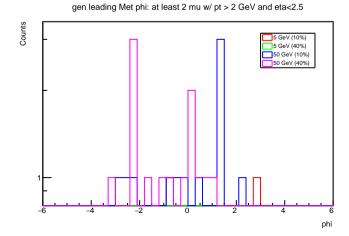


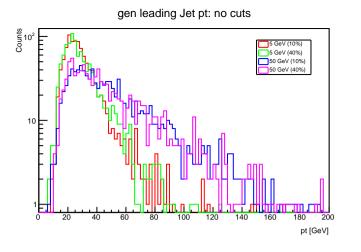


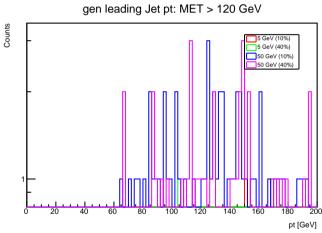


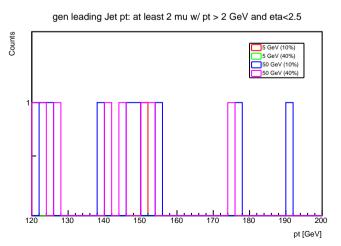


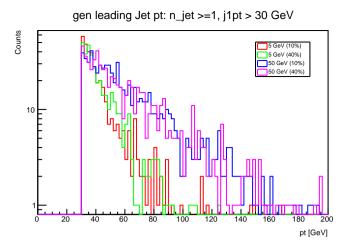
phi

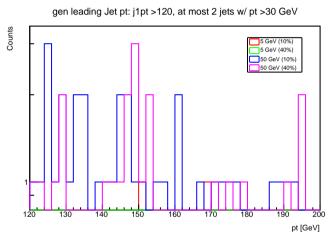


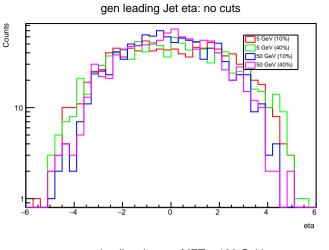


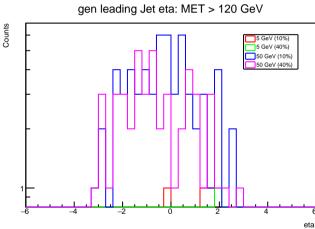


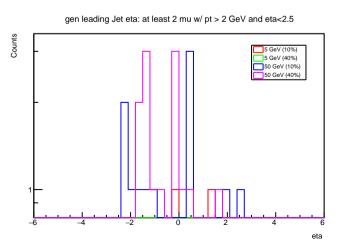




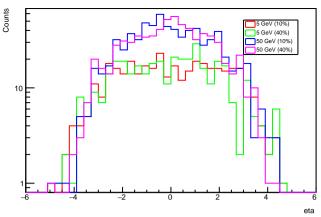




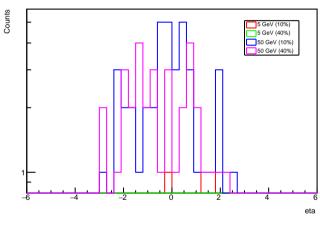


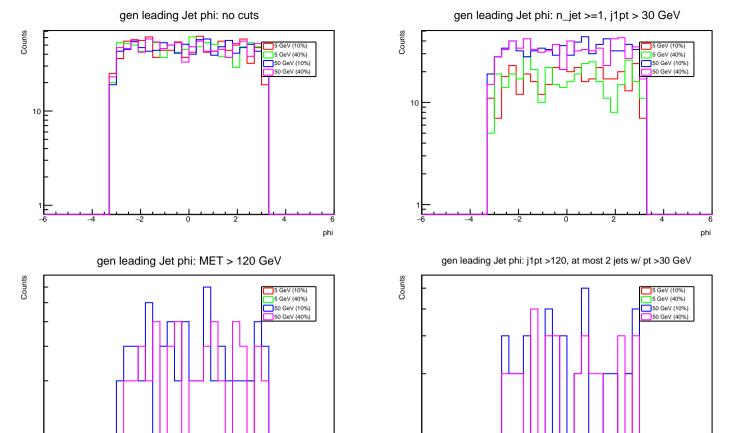




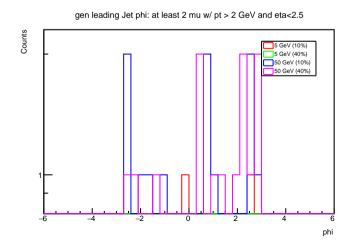


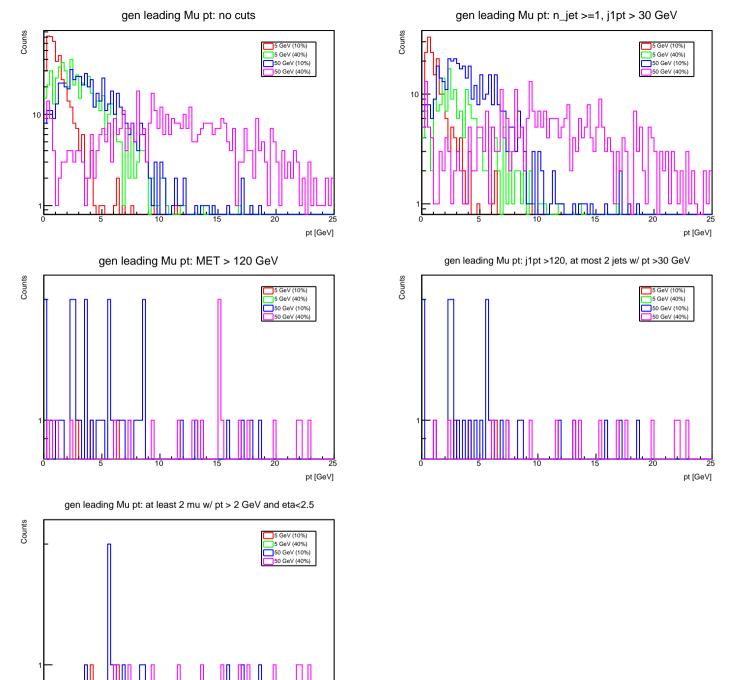
gen leading Jet eta: j1pt >120, at most 2 jets w/ pt >30 GeV



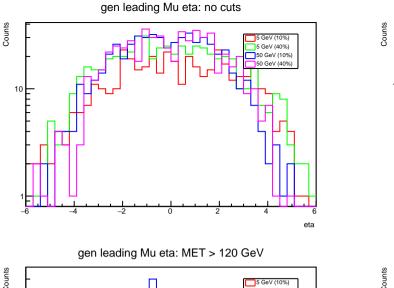


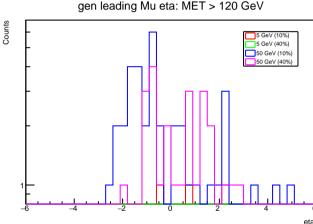
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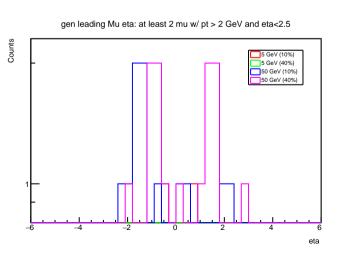


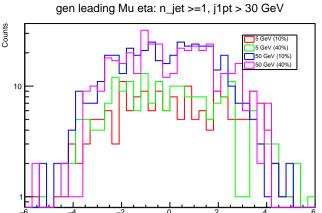


pt [GeV]

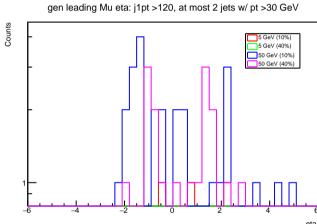


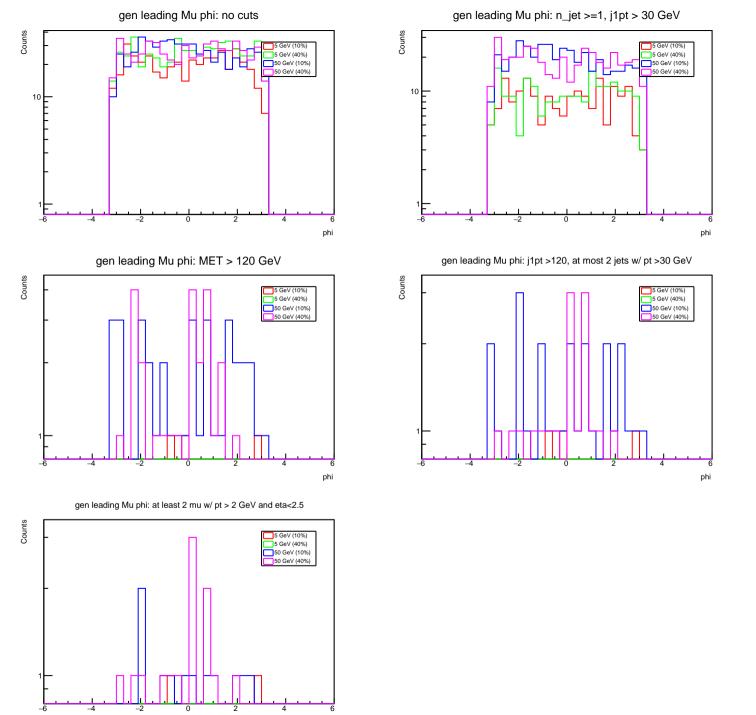




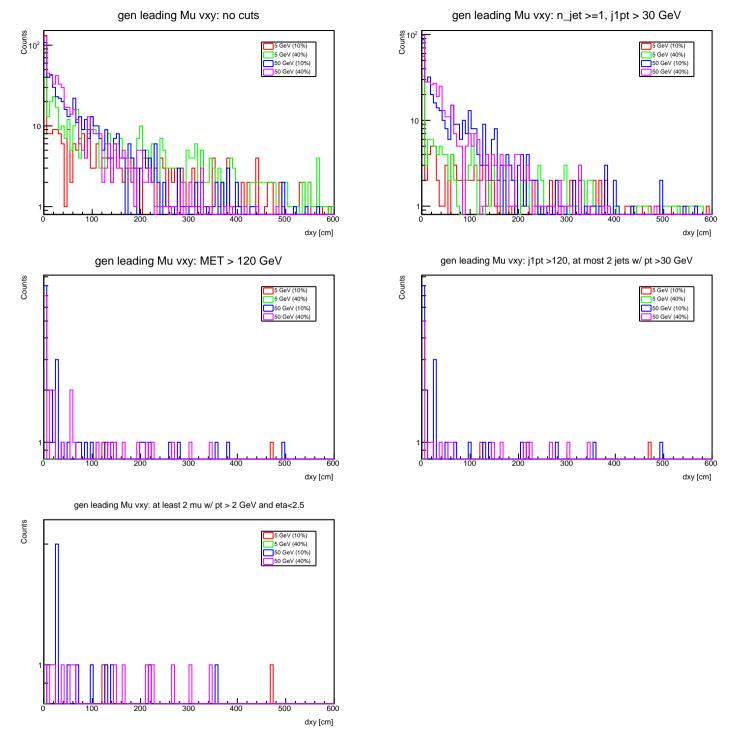


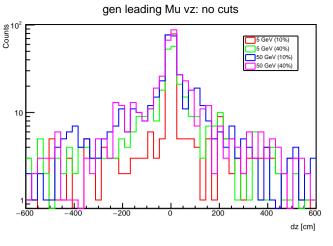
eta

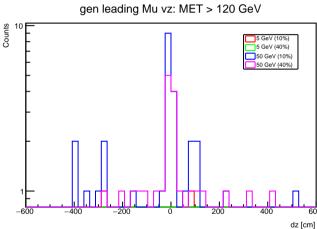


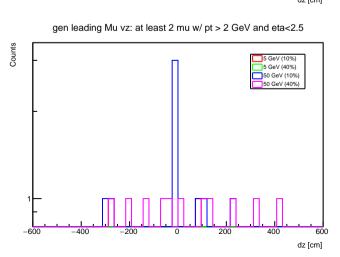


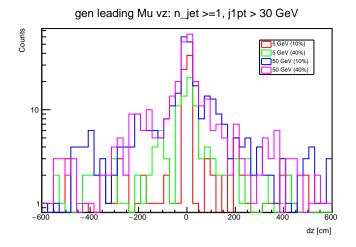
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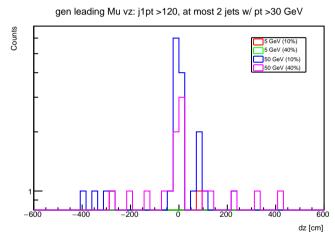


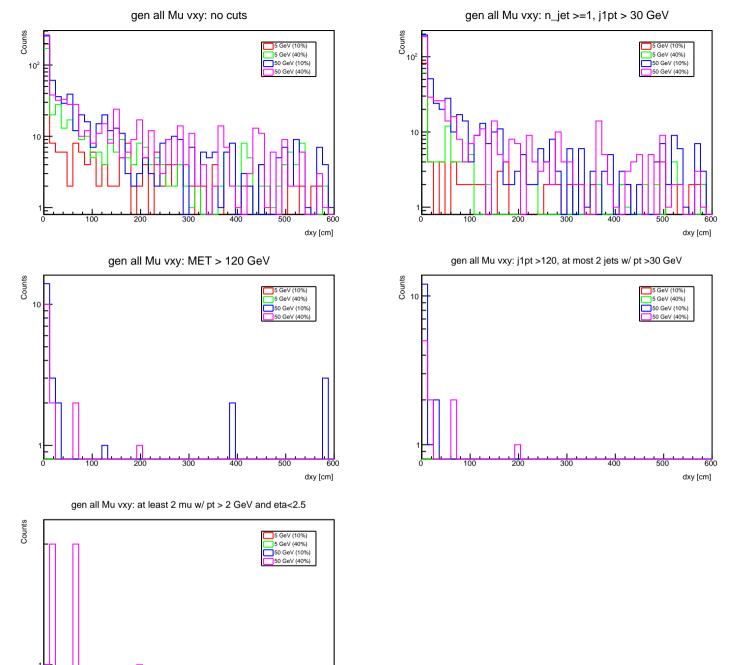




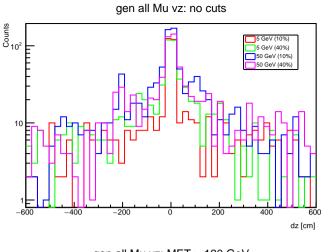


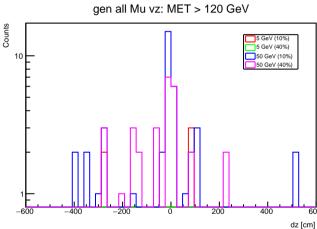


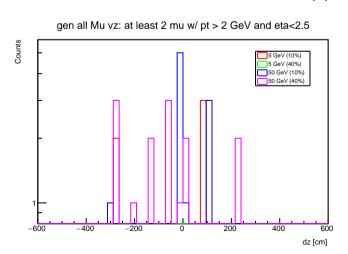


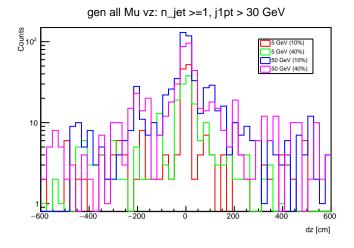


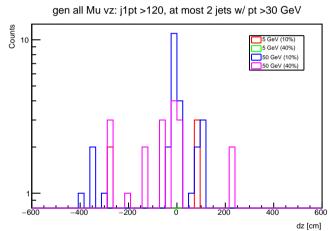
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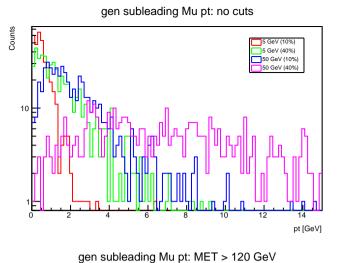


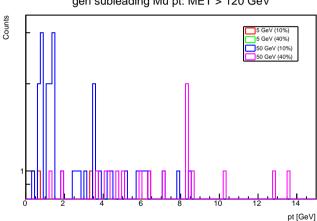


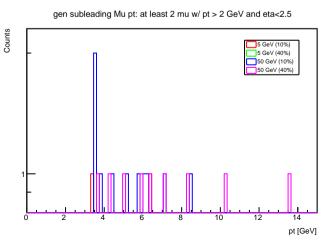




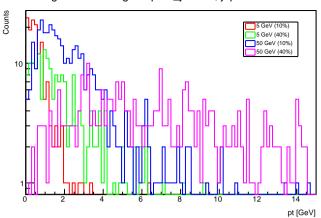




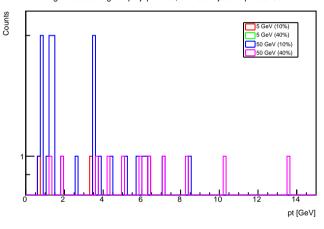


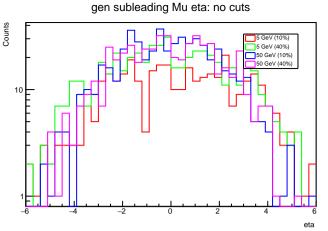


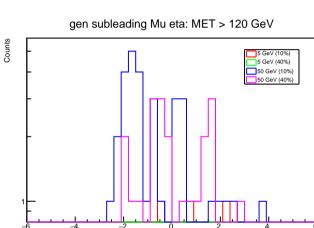


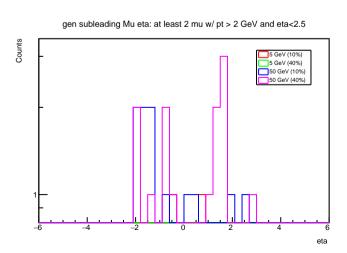


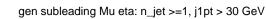
gen subleading Mu pt: j1pt >120, at most 2 jets w/ pt >30 GeV

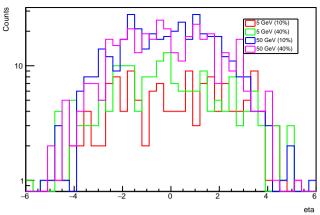




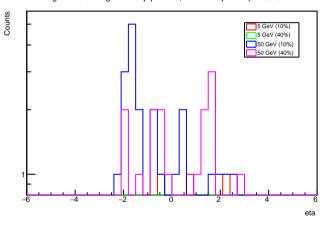


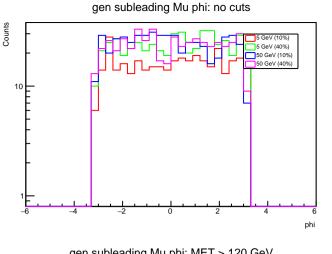


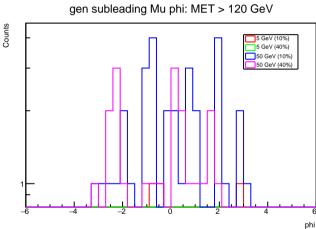


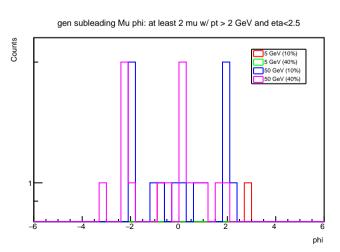


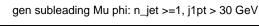
gen subleading Mu eta: j1pt >120, at most 2 jets w/ pt >30 GeV

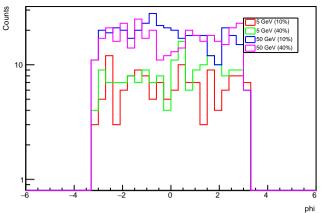




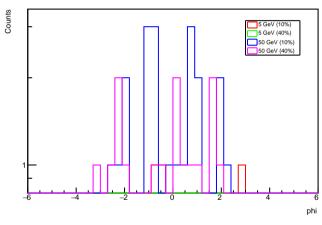


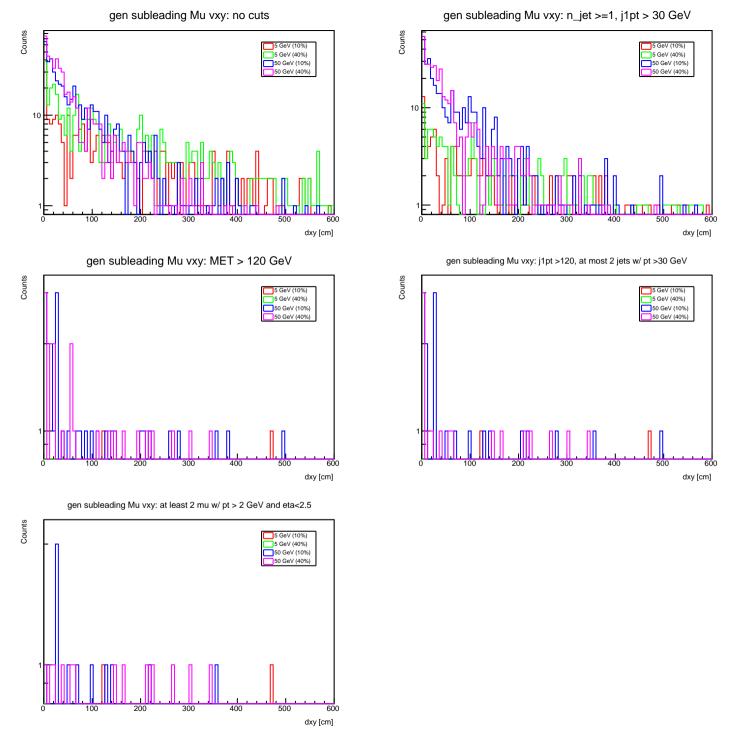


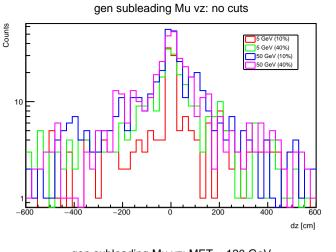


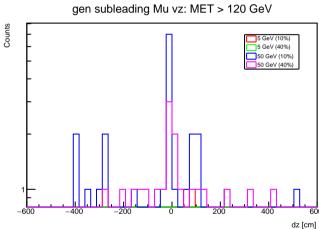


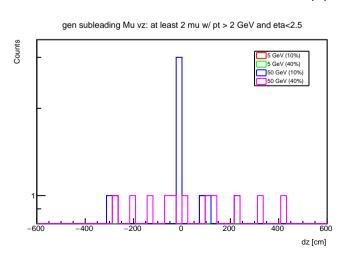
gen subleading Mu phi: j1pt >120, at most 2 jets w/ pt >30 GeV



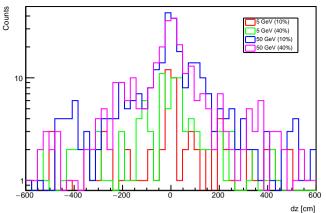




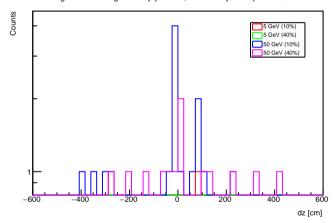


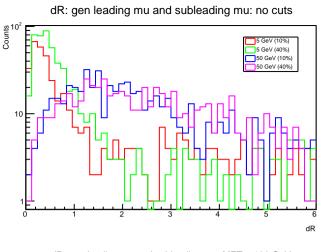


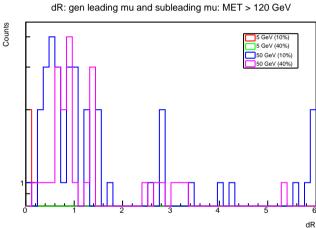


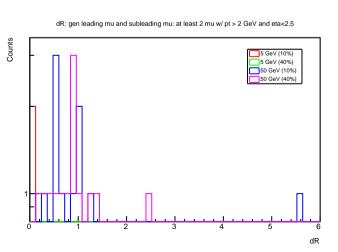


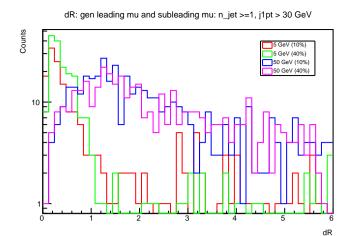
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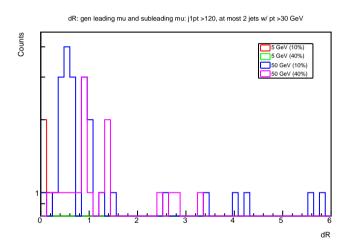


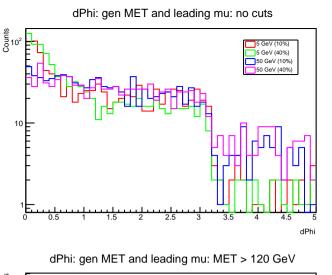


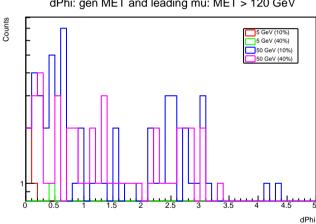


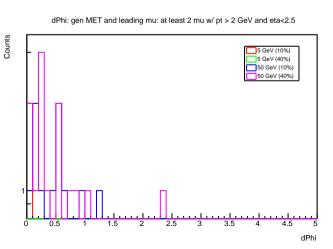


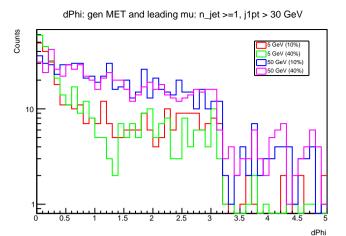


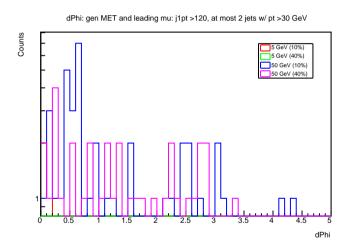


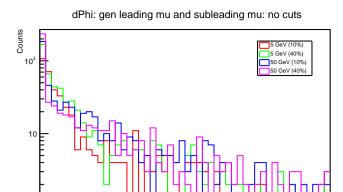










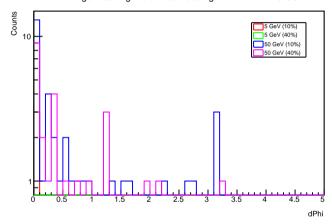




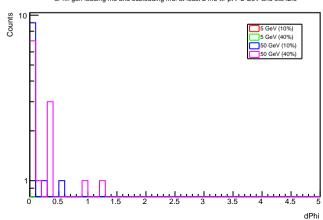
dPhi

2.5

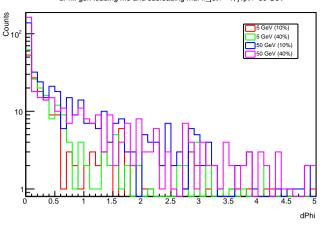
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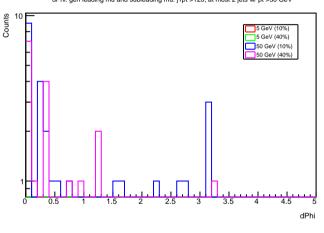
dPhi: gen leading mu and subleading mu: at least 2 mu w/ pt > 2 GeV and eta<2.5

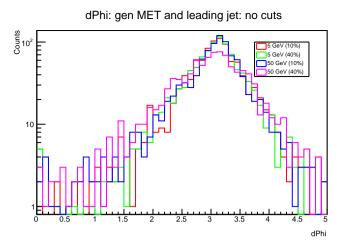


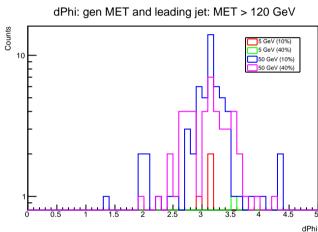
dPhi: gen leading mu and subleading mu: n_jet >=1, j1pt > 30 GeV

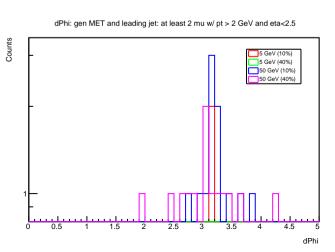


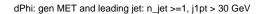
dPhi: gen leading mu and subleading mu: j1pt >120, at most 2 jets w/ pt >30 GeV

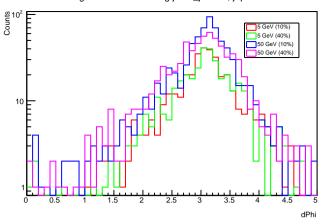




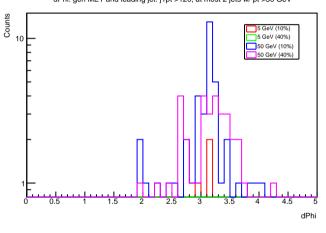


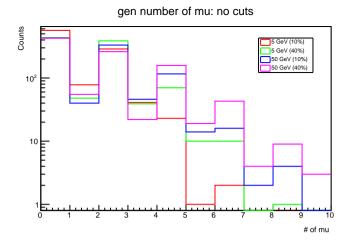


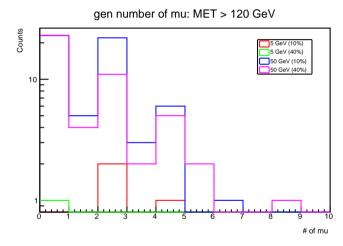


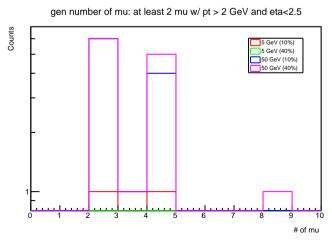


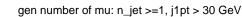
dPhi: gen MET and leading jet: j1pt >120, at most 2 jets w/ pt >30 GeV

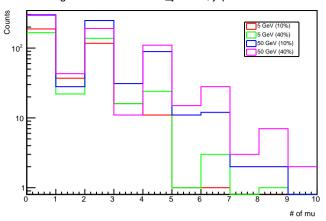




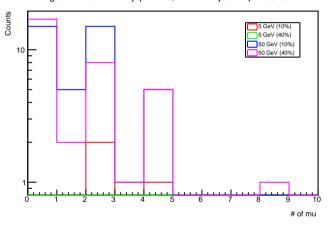


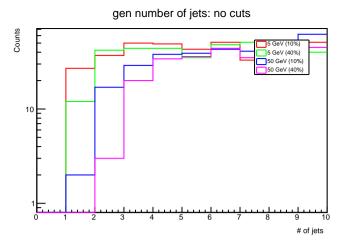




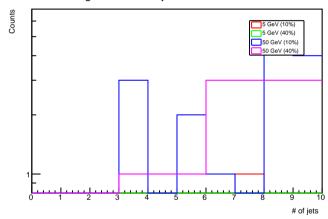


gen number of mu: j1pt >120, at most 2 jets w/ pt >30 GeV

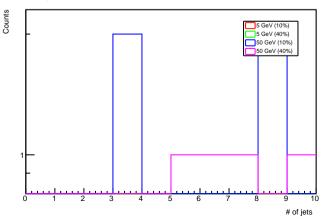




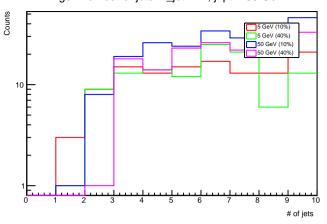




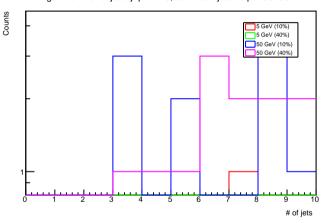
gen number of jets: at least 2 mu w/ pt > 2 GeV and eta<2.5

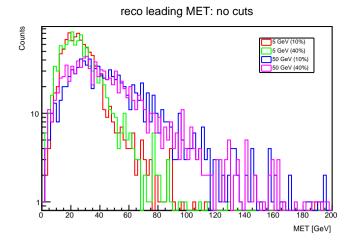


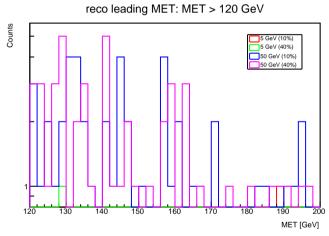
gen number of jets: n_jet >=1, j1pt > 30 GeV

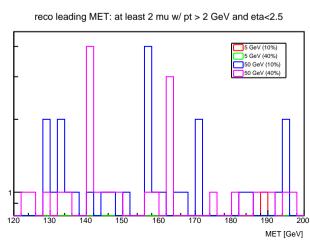


gen number of jets: j1pt >120, at most 2 jets w/ pt >30 GeV

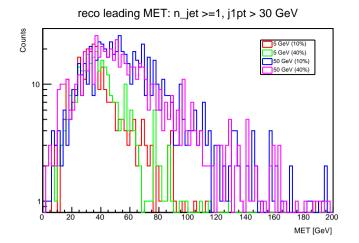


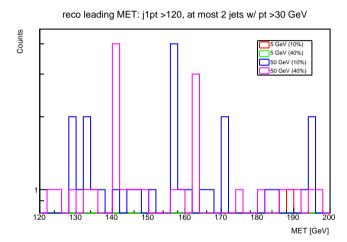


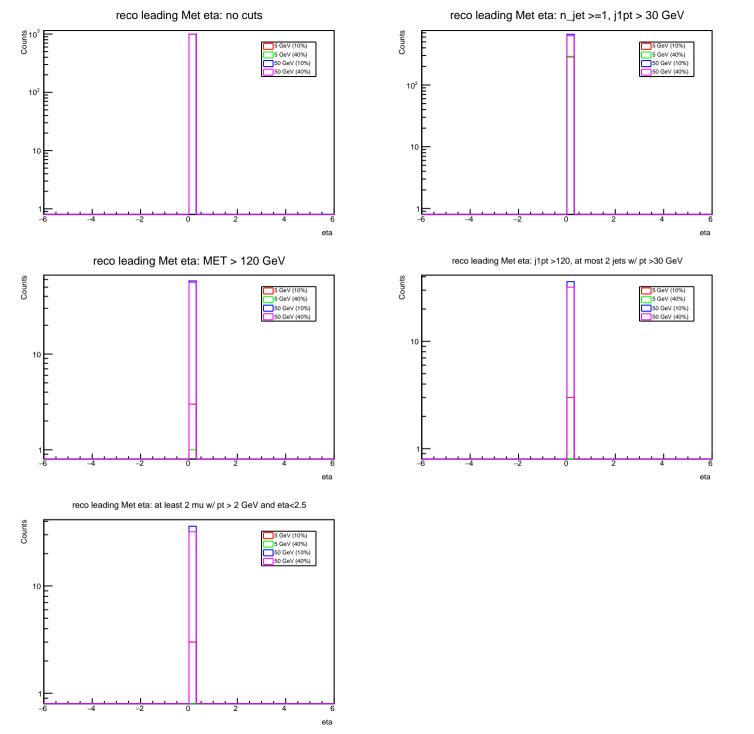


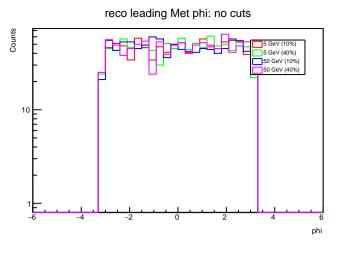


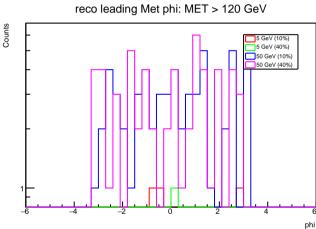
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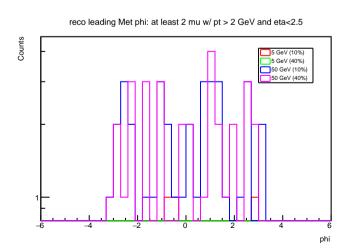


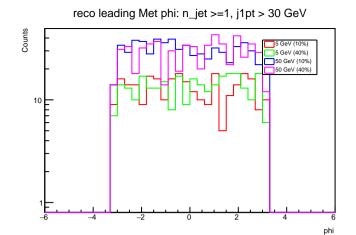


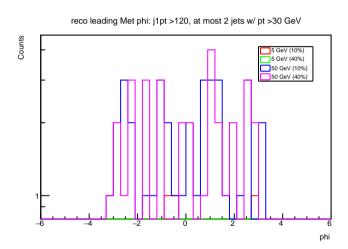


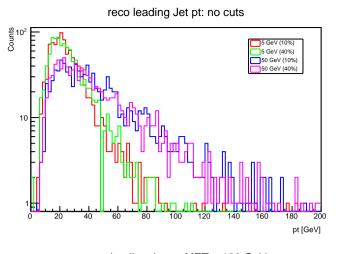


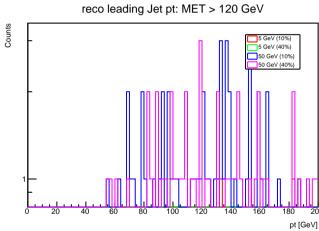


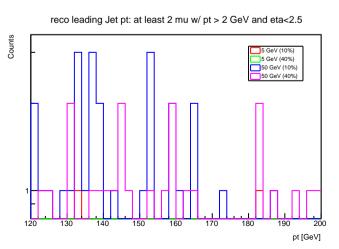


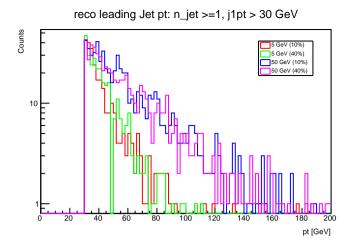


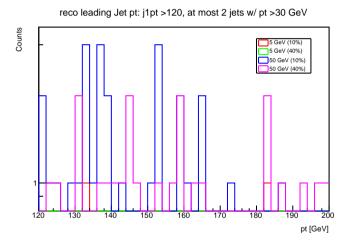


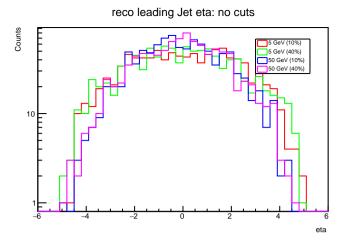


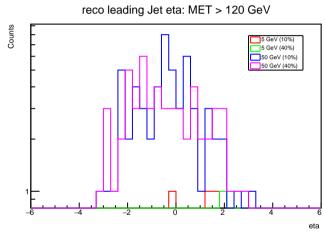


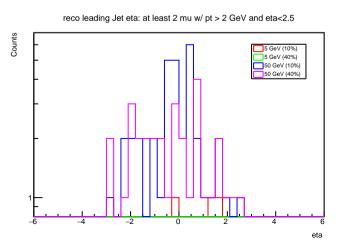




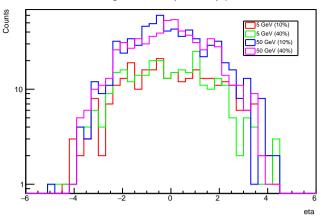




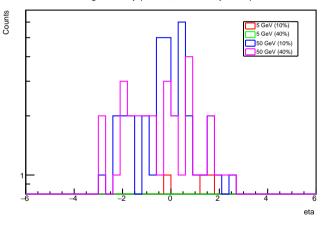


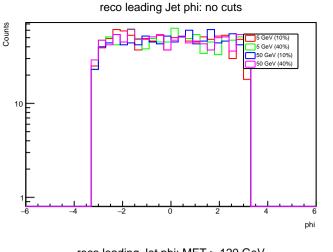


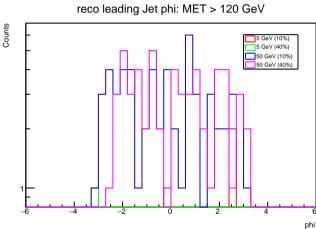


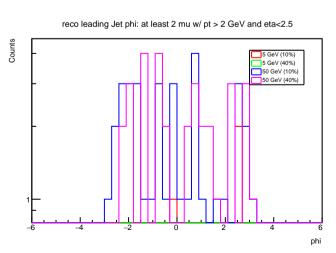


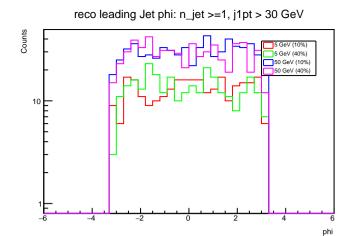
reco leading Jet eta: j1pt >120, at most 2 jets w/ pt >30 GeV

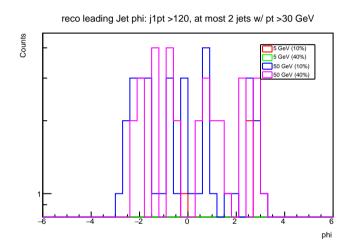


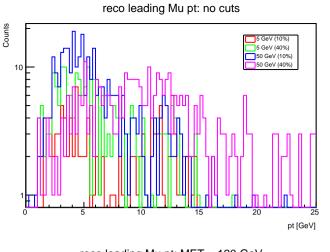


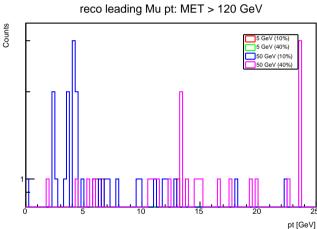


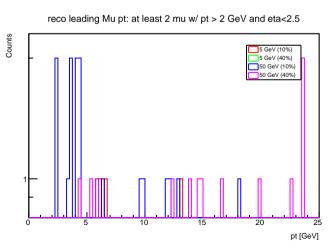


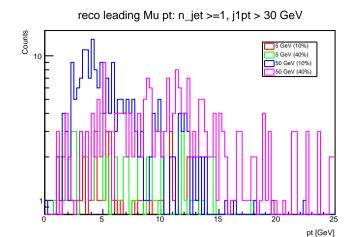


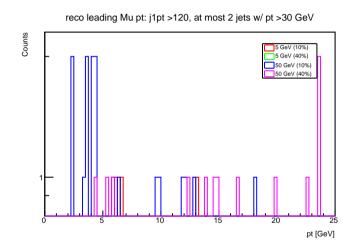


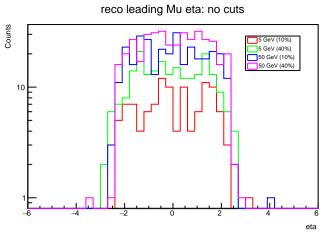


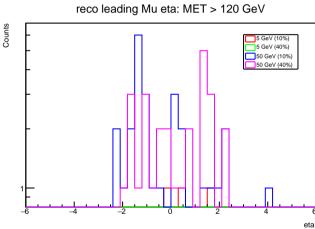


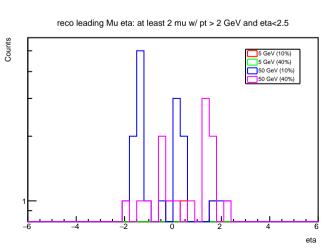


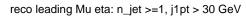


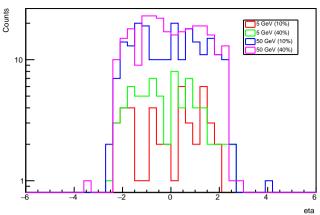




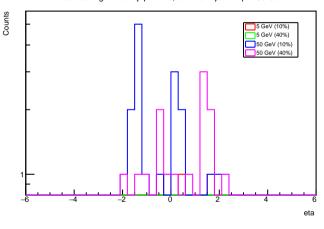


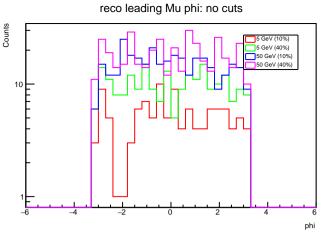


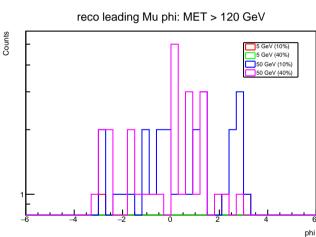


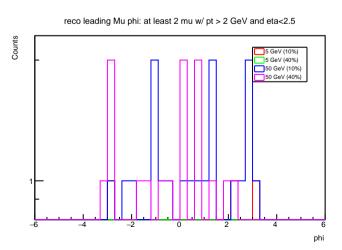


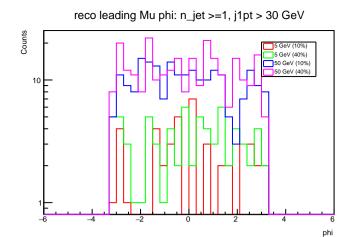
reco leading Mu eta: j1pt >120, at most 2 jets w/ pt >30 GeV

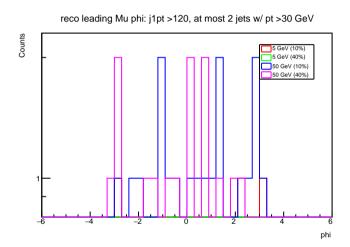


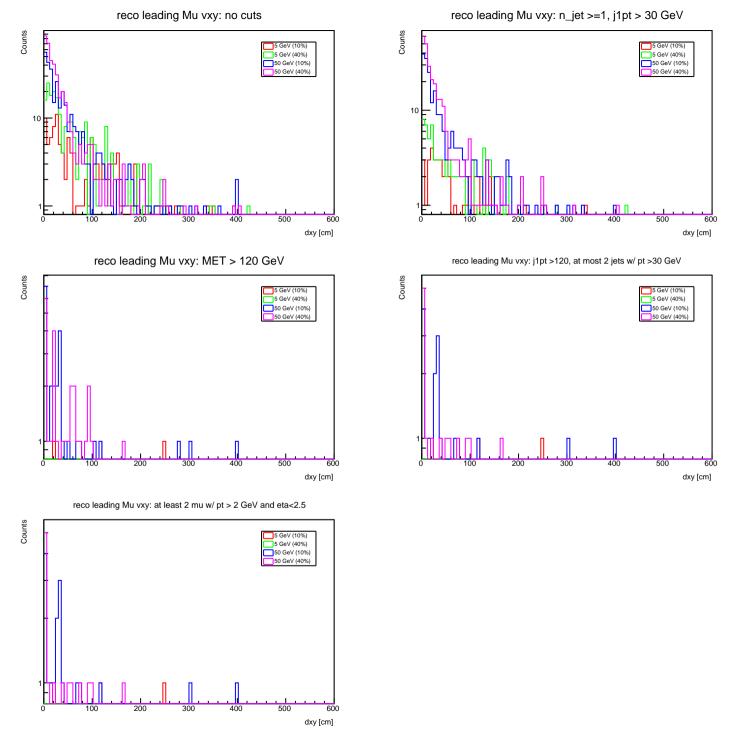


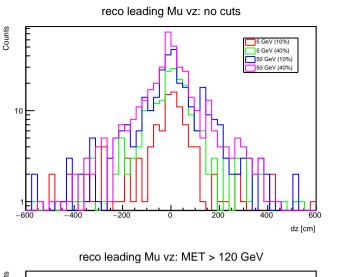


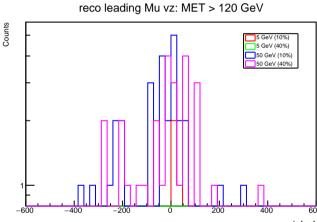


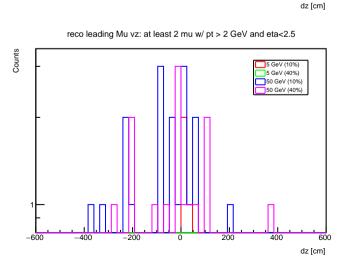


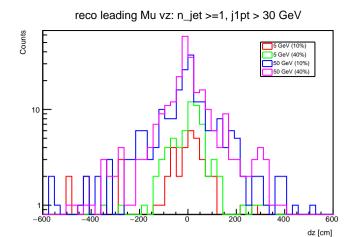


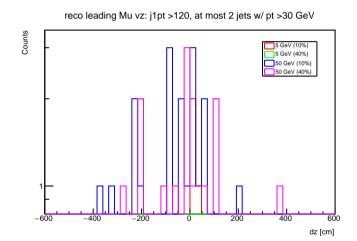


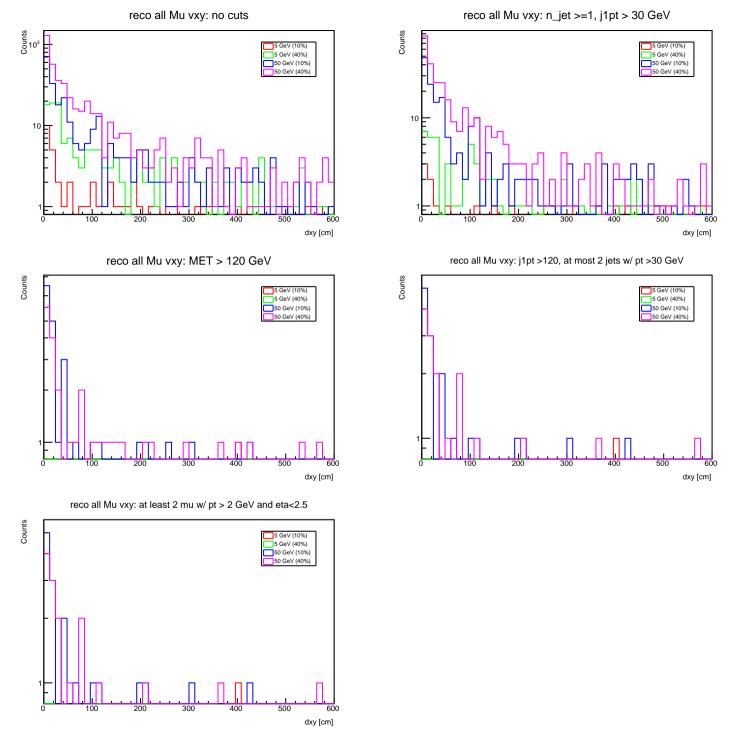


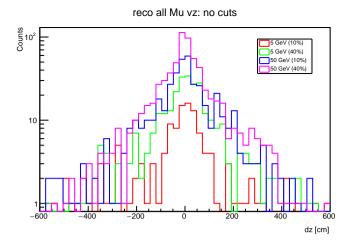


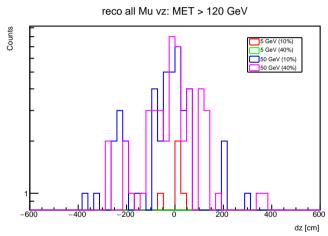


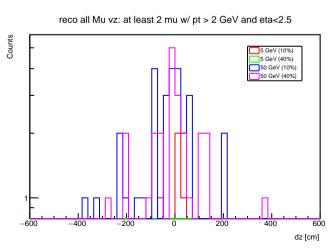


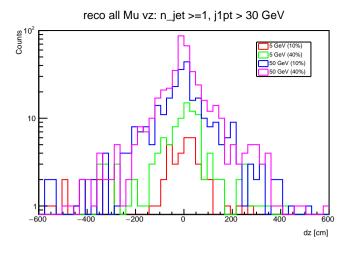


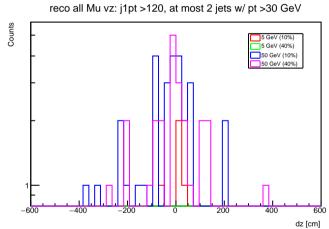


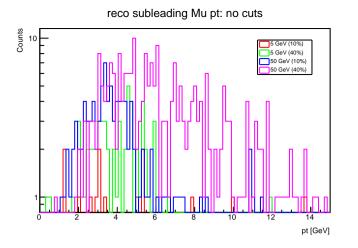


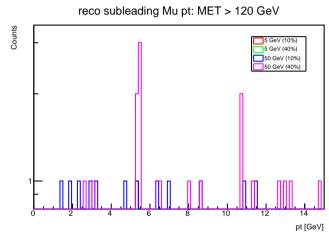


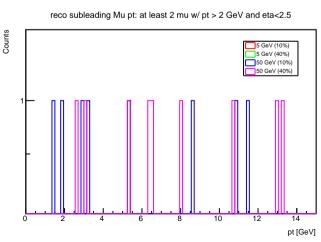


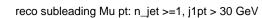


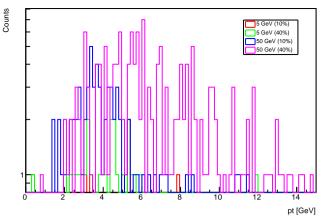




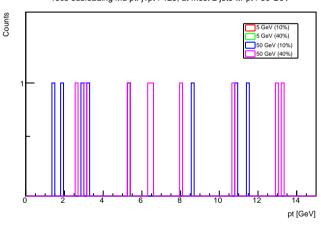


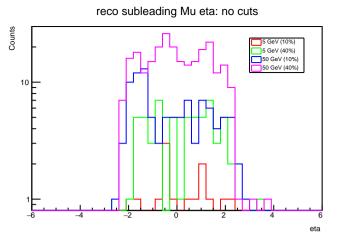


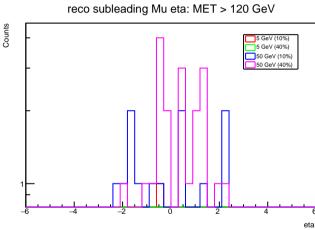


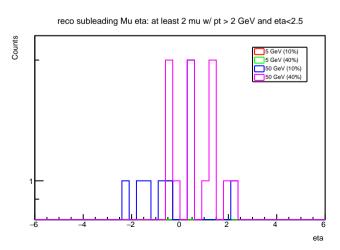


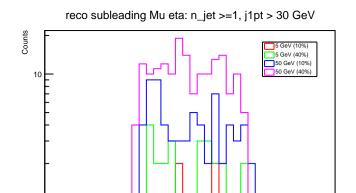
reco subleading Mu pt: j1pt >120, at most 2 jets w/ pt >30 GeV

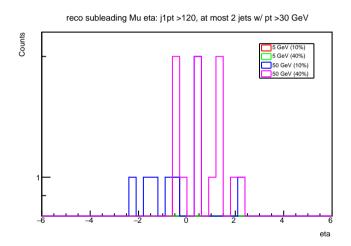




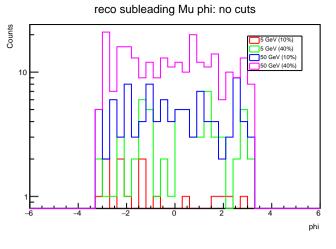


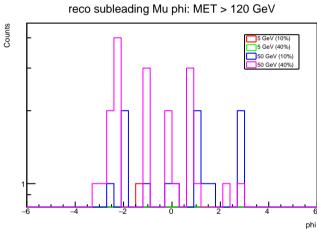


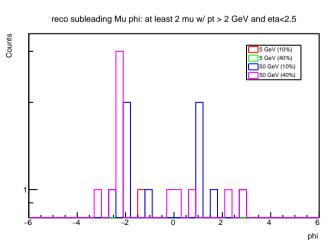


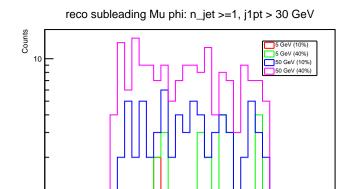


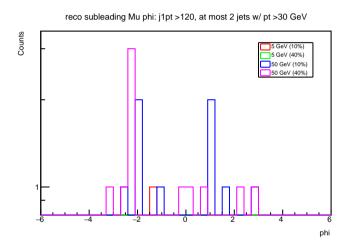
eta



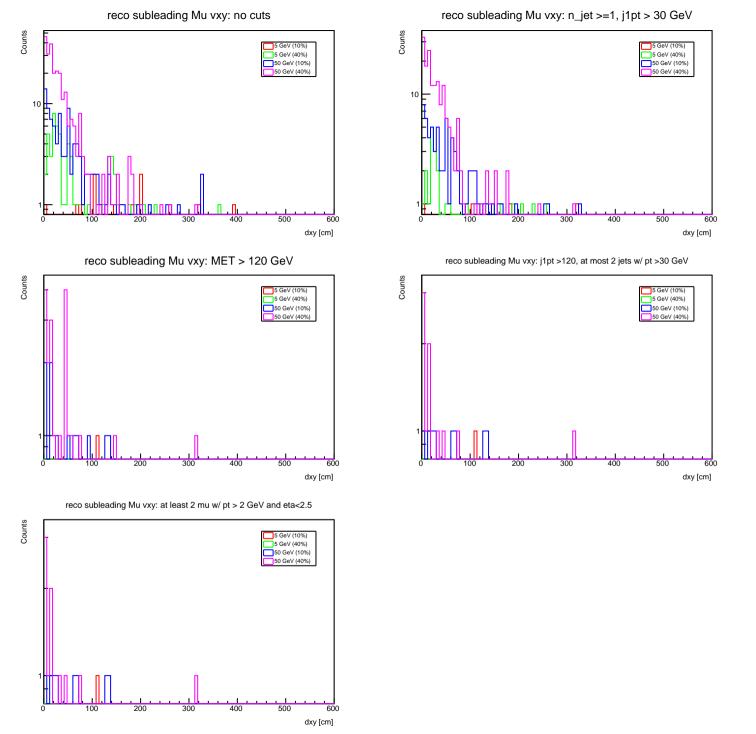


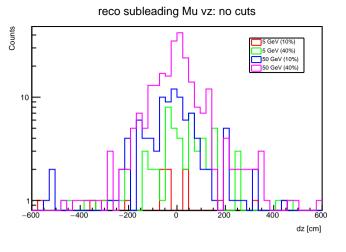


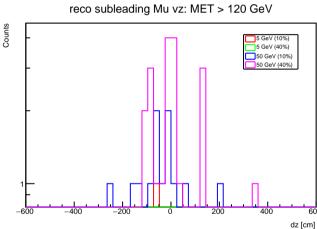


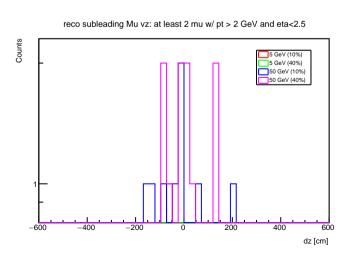


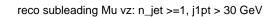
phi

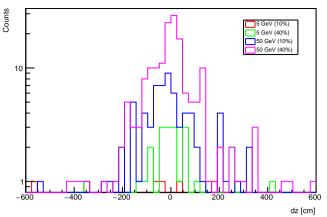




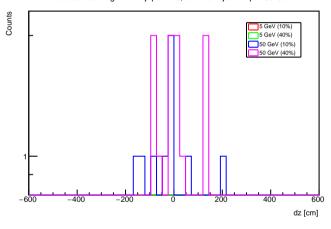


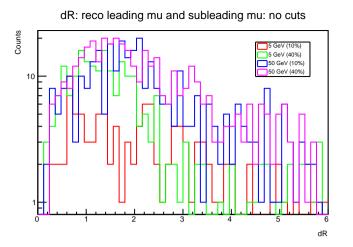


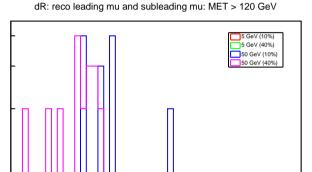




reco subleading Mu vz: j1pt >120, at most 2 jets w/ pt >30 GeV

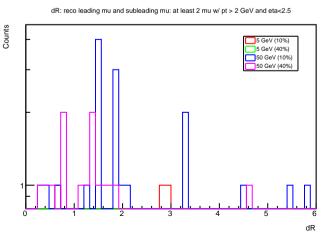


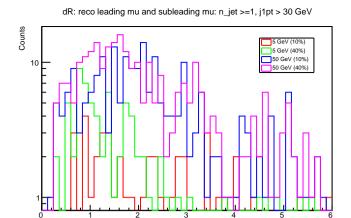




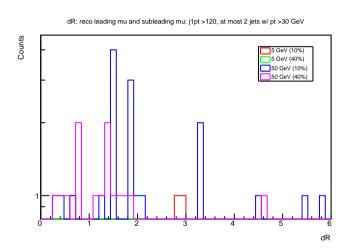
dR

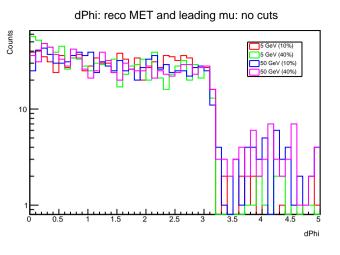
Counts



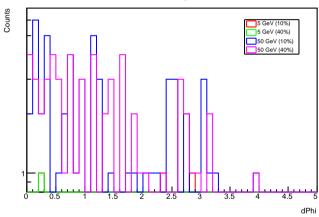


dR

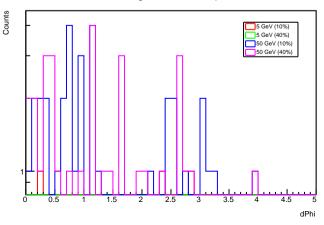




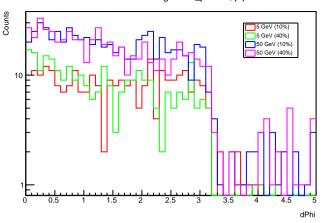




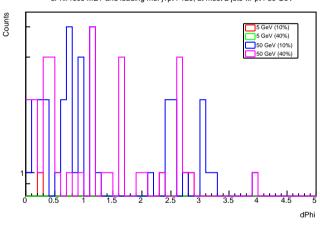
dPhi: reco MET and leading mu: at least 2 mu w/ pt > 2 GeV and eta<2.5

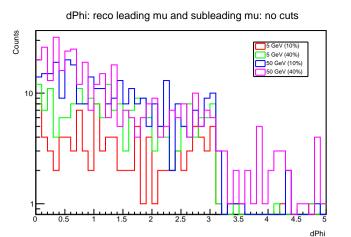


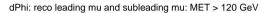
dPhi: reco MET and leading mu: n_jet >=1, j1pt > 30 GeV

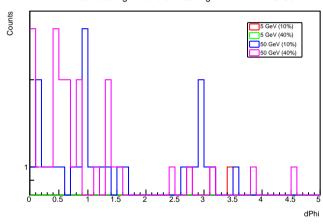


dPhi: reco MET and leading mu: j1pt >120, at most 2 jets w/ pt >30 GeV

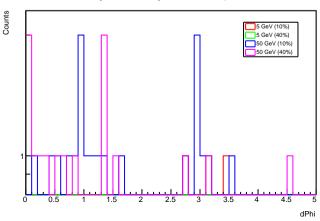




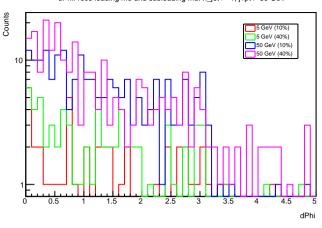




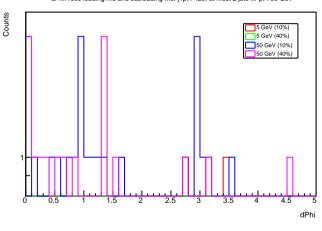
dPhi: reco leading mu and subleading mu: at least 2 mu w/ pt > 2 GeV and eta<2.5

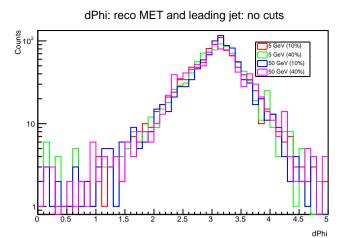


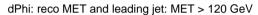
dPhi: reco leading mu and subleading mu: n_jet >=1, j1pt > 30 GeV

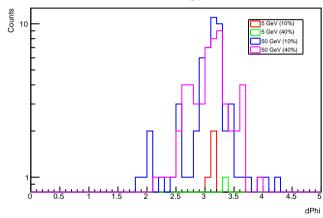


dPhi: reco leading mu and subleading mu: j1pt >120, at most 2 jets w/ pt >30 GeV

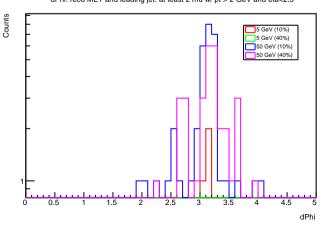




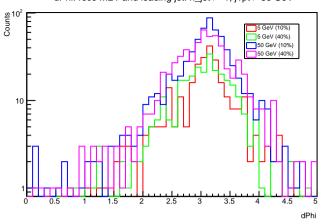




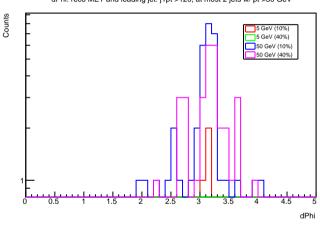
dPhi: reco MET and leading jet: at least 2 mu w/ pt > 2 GeV and eta<2.5

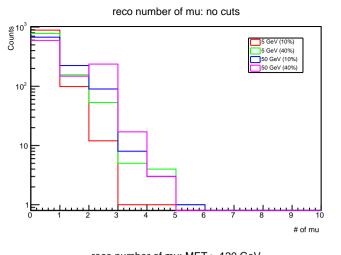


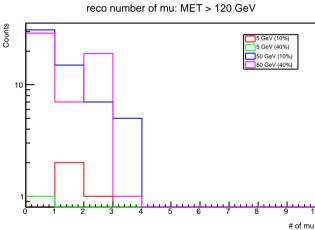
dPhi: reco MET and leading jet: n_jet >=1, j1pt > 30 GeV

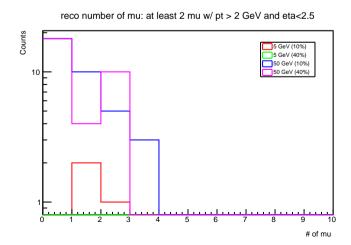


dPhi: reco MET and leading jet: j1pt >120, at most 2 jets w/ pt >30 GeV

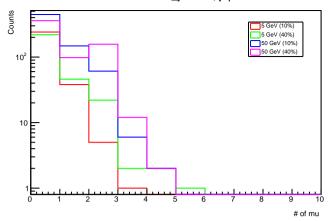




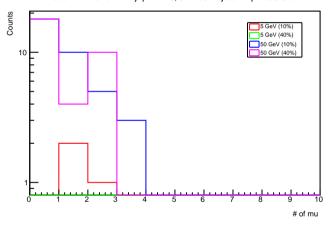


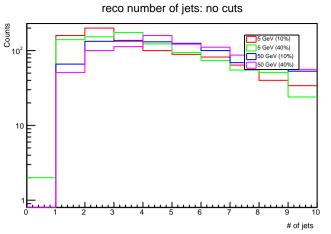


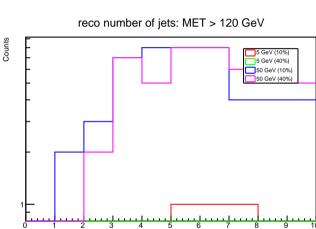


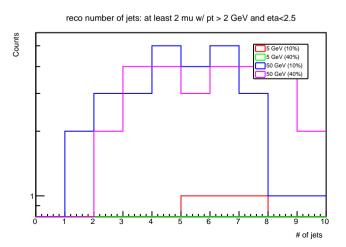


reco number of mu: j1pt >120, at most 2 jets w/ pt >30 GeV

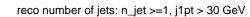


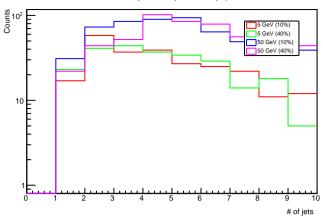




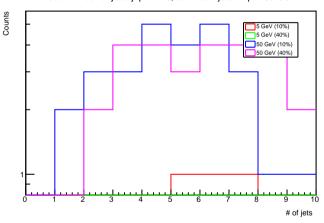


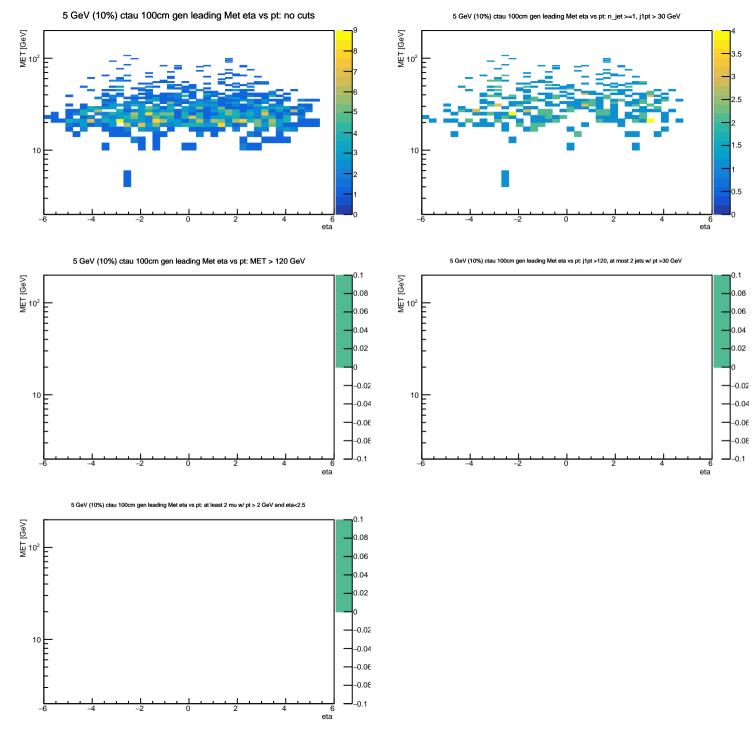
of jets

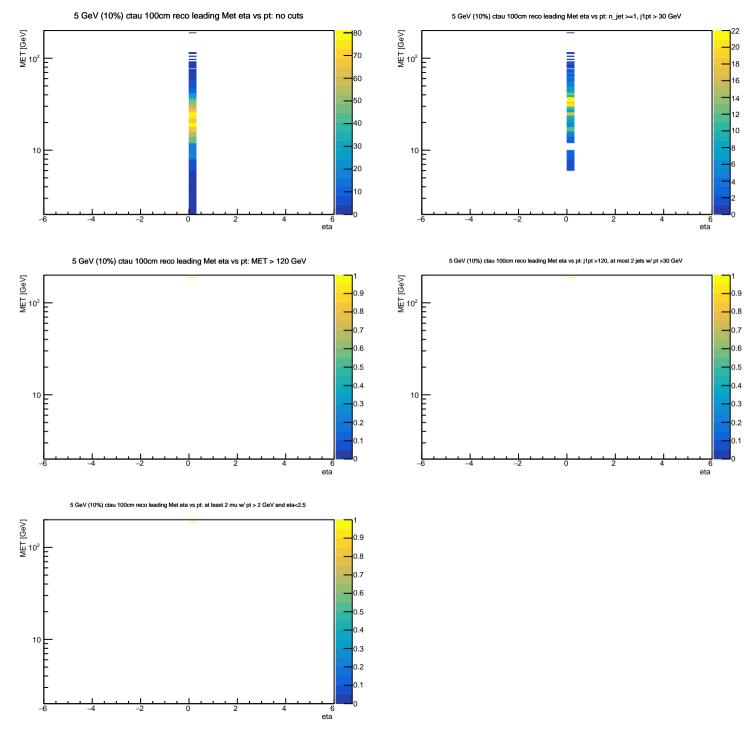


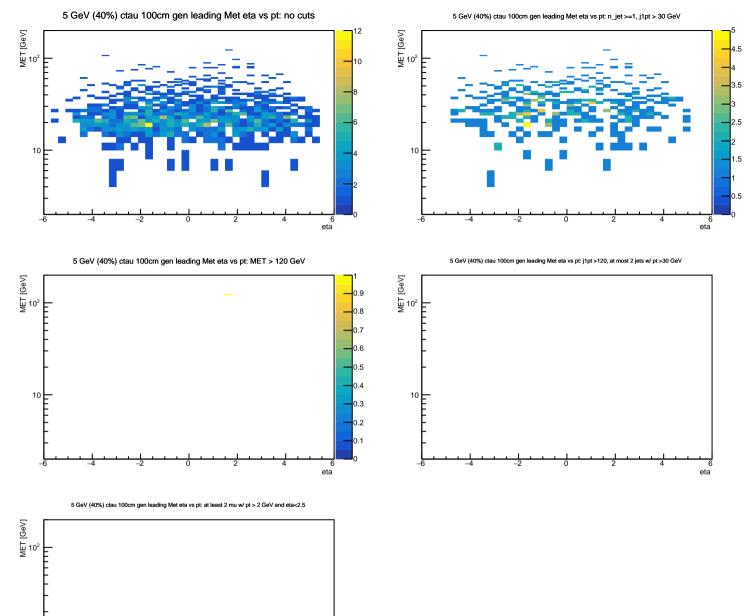


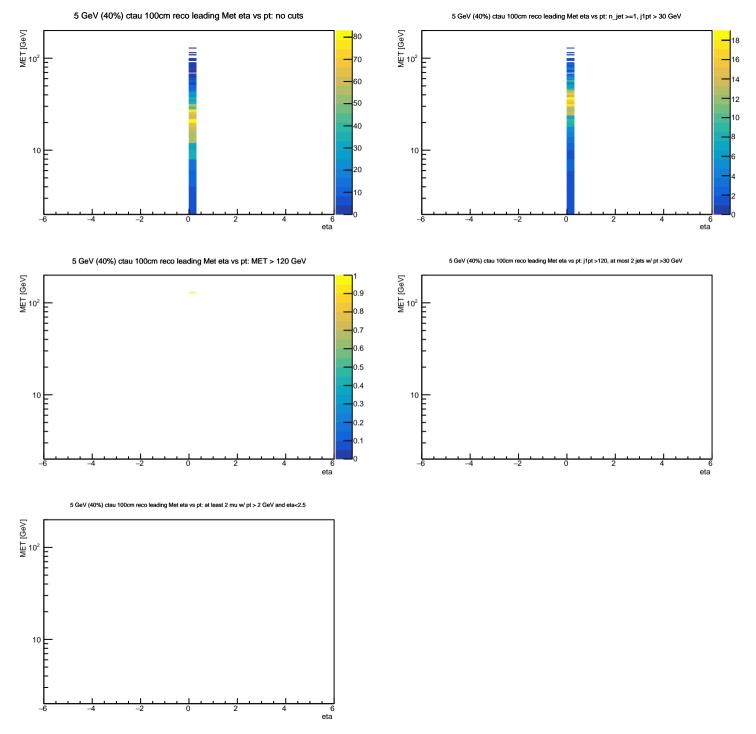
reco number of jets: j1pt >120, at most 2 jets w/ pt >30 GeV

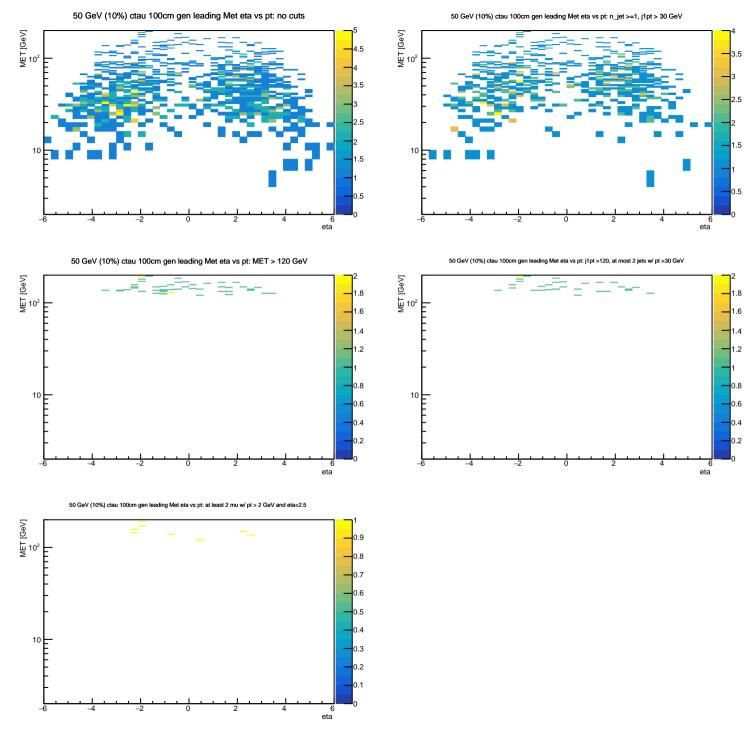


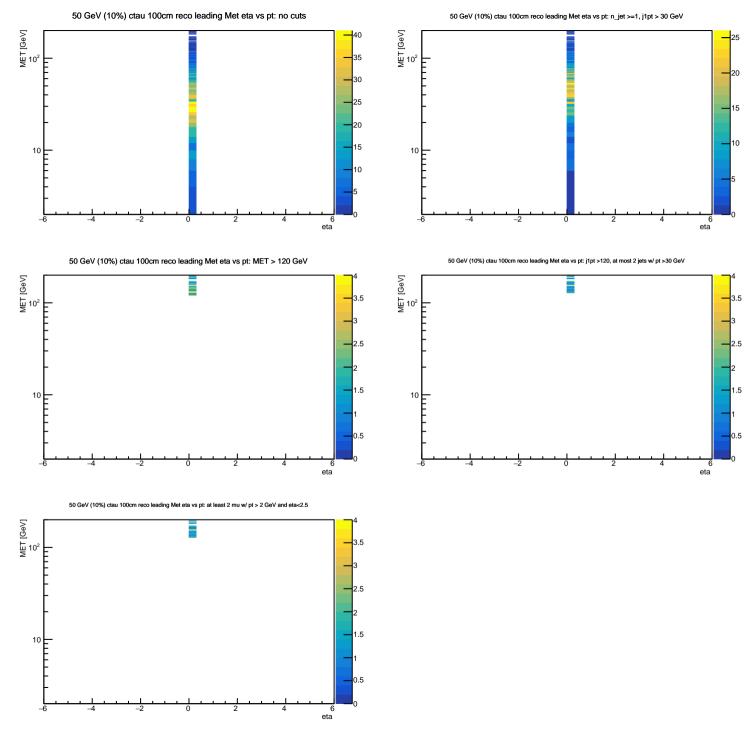


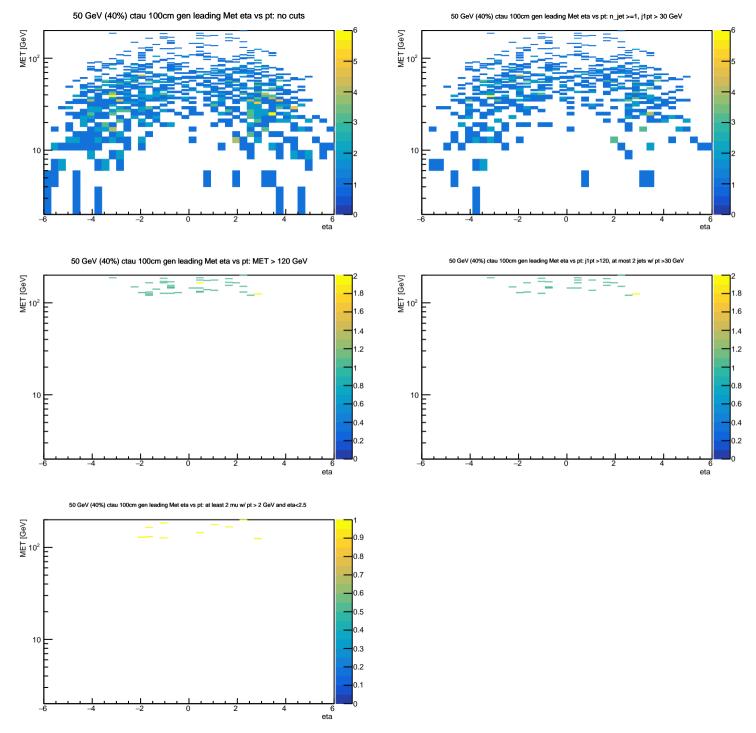


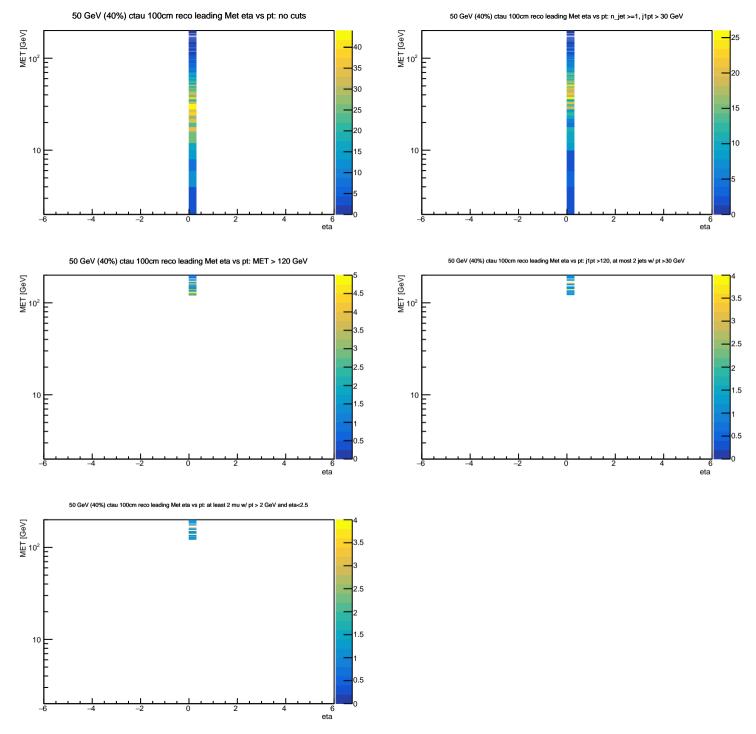






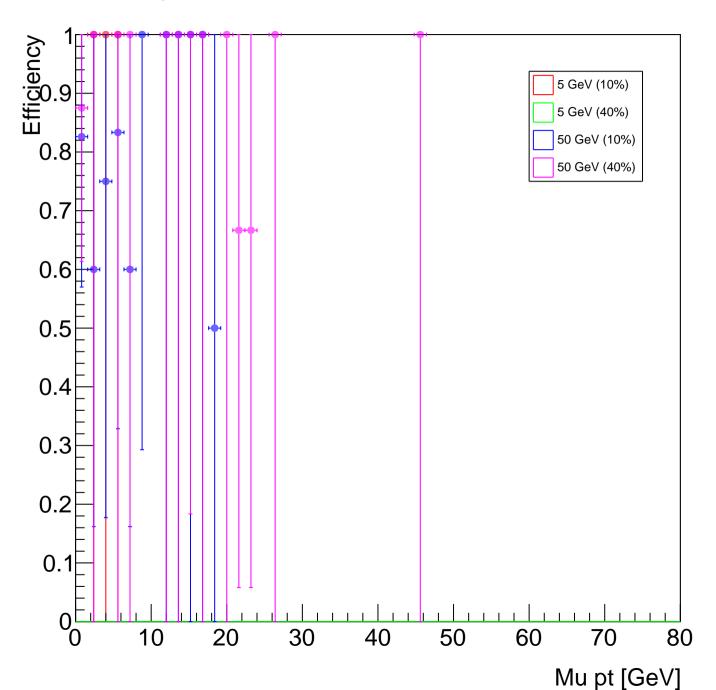




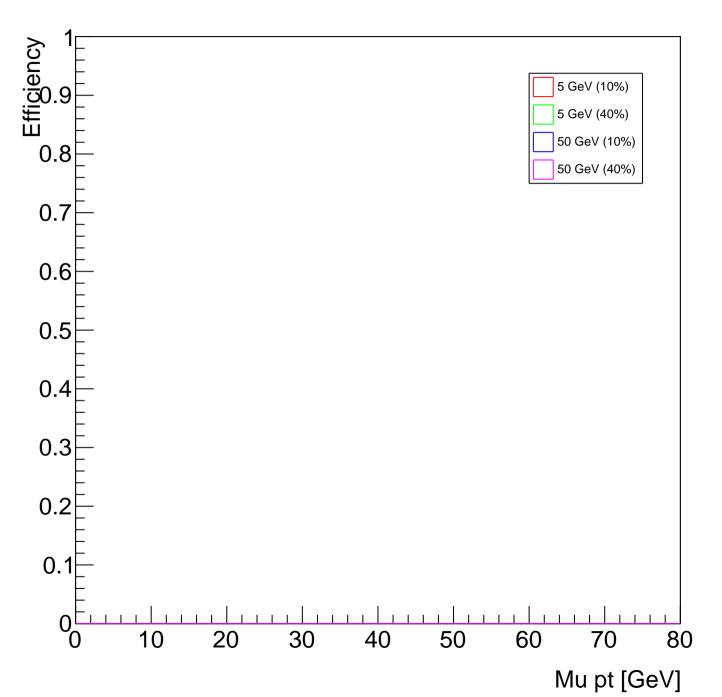




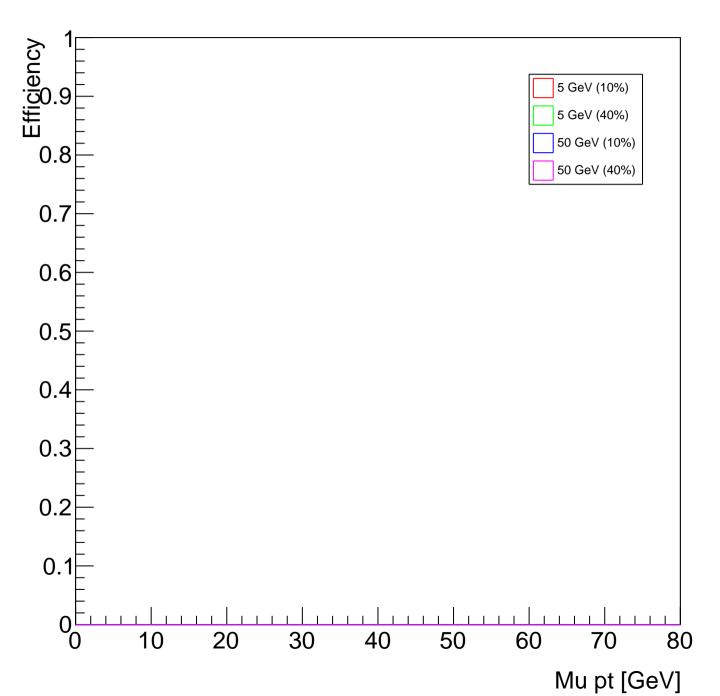
trigefficiency HLT_PFMET120_PFMHT120



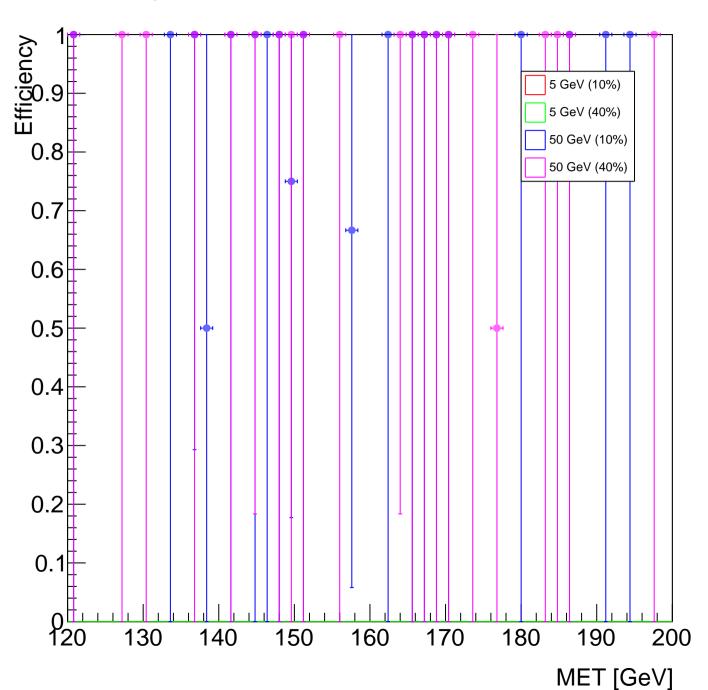
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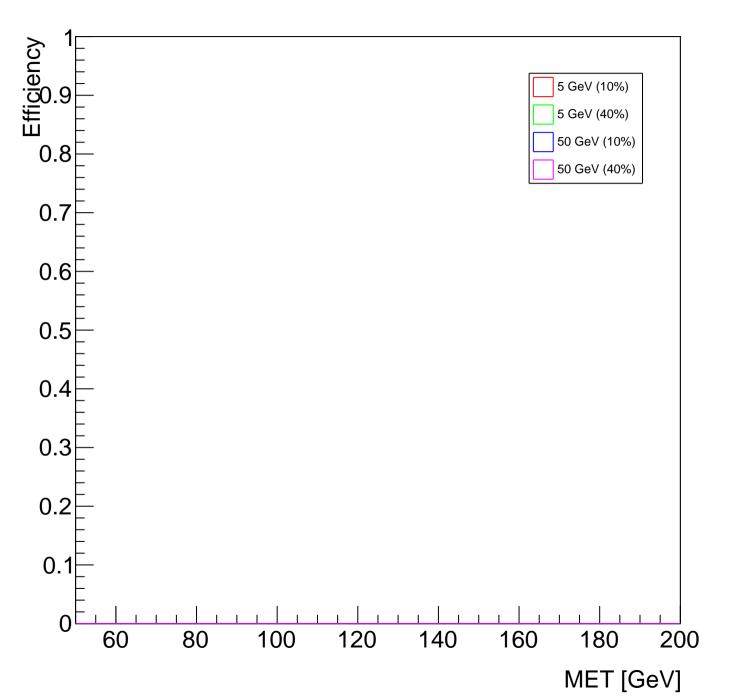
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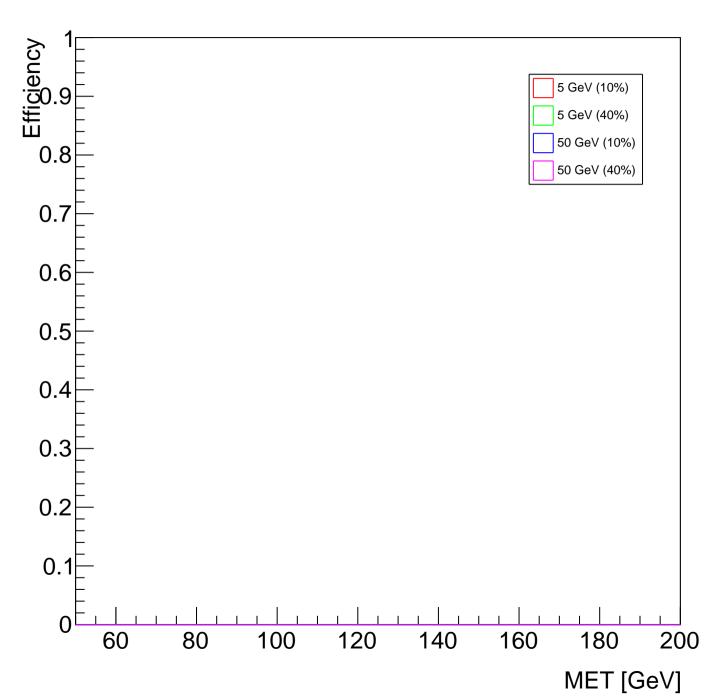
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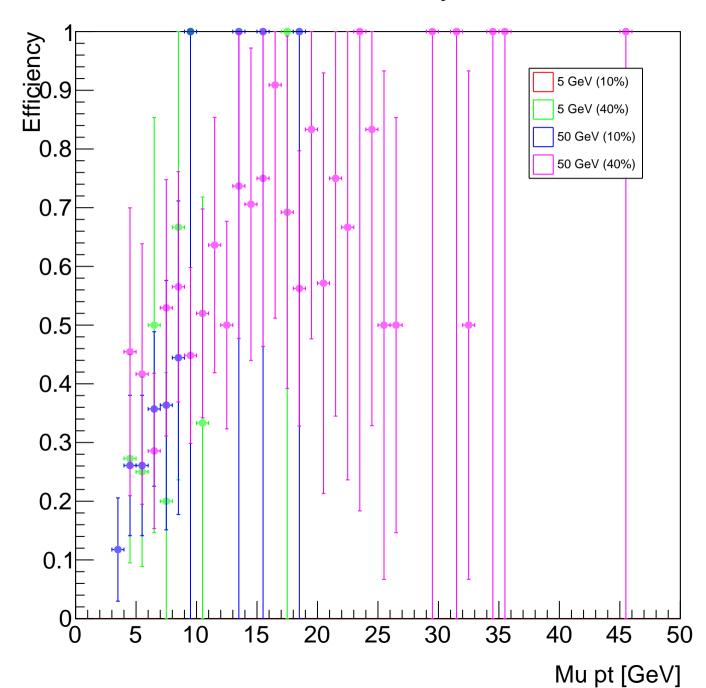
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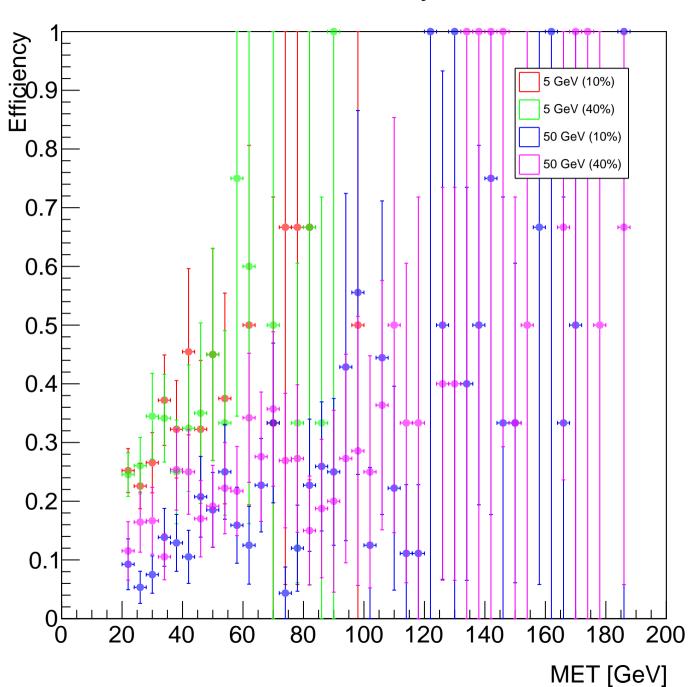
trigefficiency HLT_DoubleMu3_DZ_PFMET50_PFMHT60



recoefficiency mu



recoefficiency met



recoefficiency met

