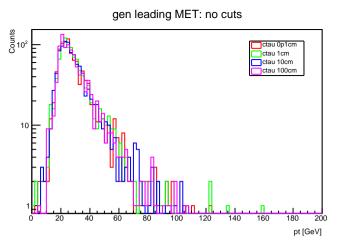
## 5 GeV (10%)

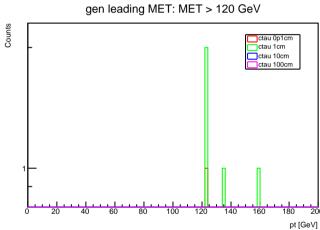
nevents ctau 0p1cm: 1000(c1:364,c2:1,c3:2,c4:1)

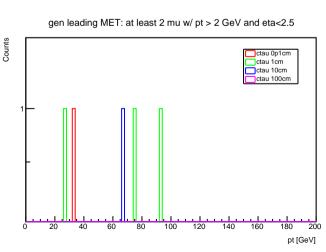
nevents ctau 1cm: 1000(c1:373,c2:4,c3:2,c4:3)

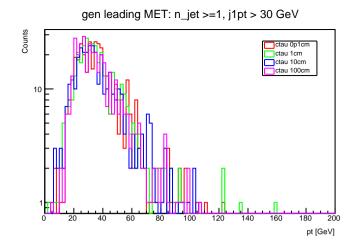
nevents ctau 10cm: 1000(c1:357,c2:0,c3:2,c4:1)

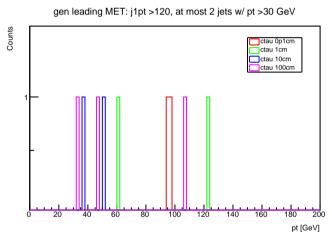
nevents ctau 100cm: 1000(c1:371,c2:3,c3:6,c4:2)

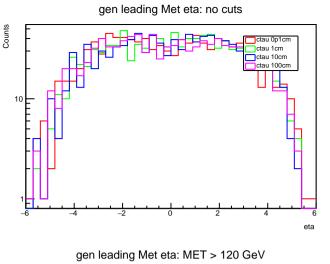


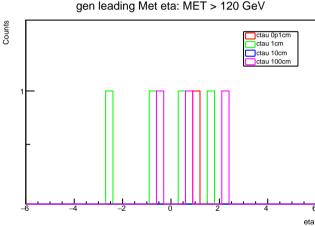


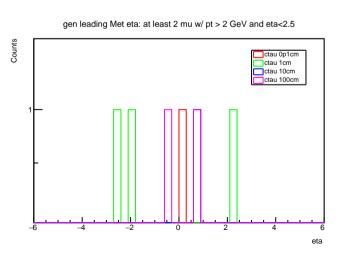




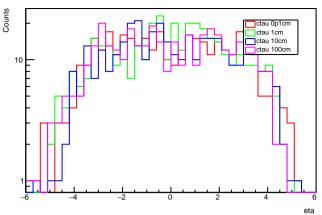




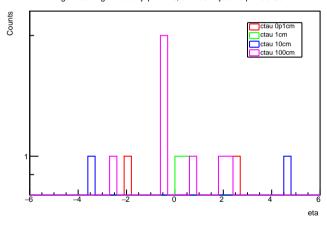


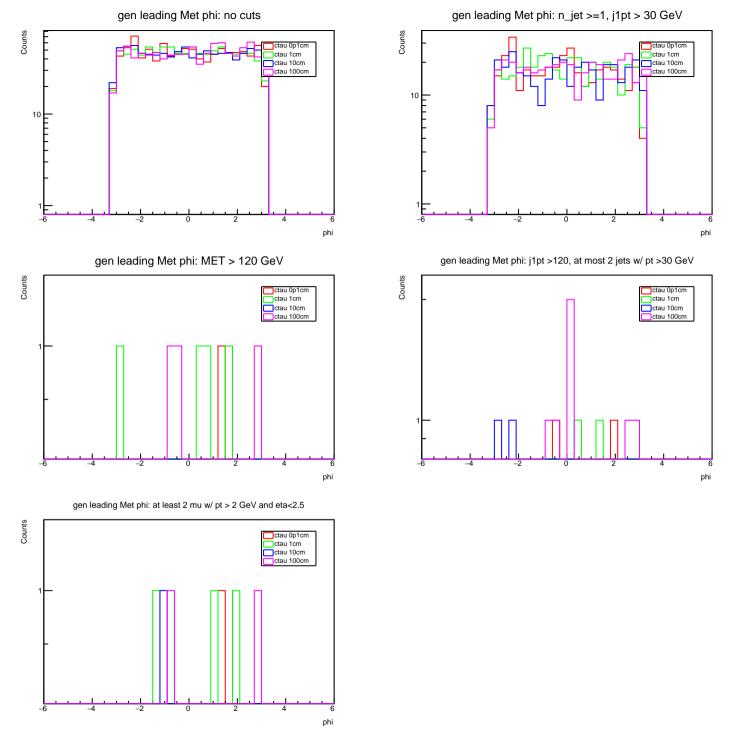


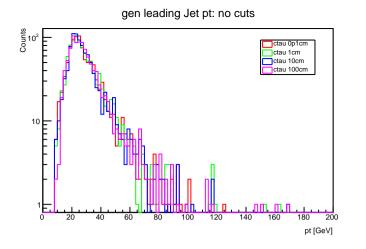


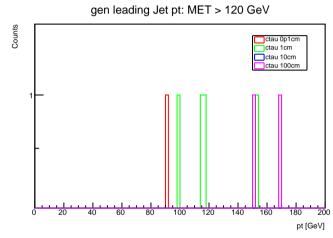


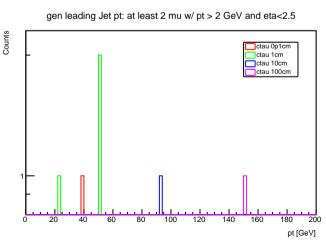
gen leading Met eta: j1pt >120, at most 2 jets w/ pt >30 GeV

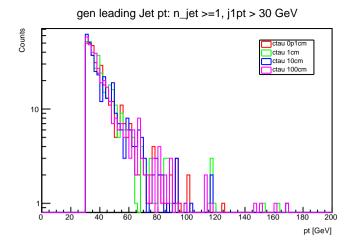


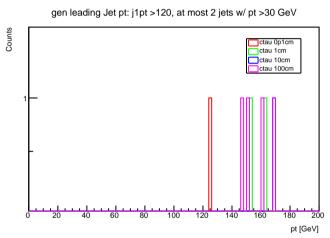


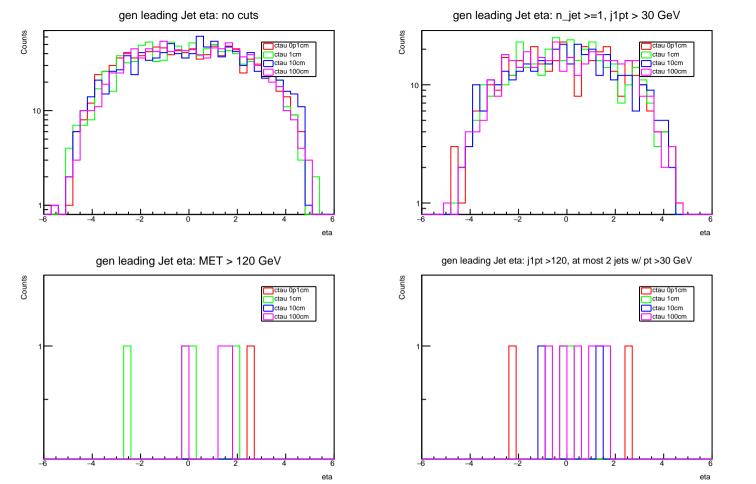


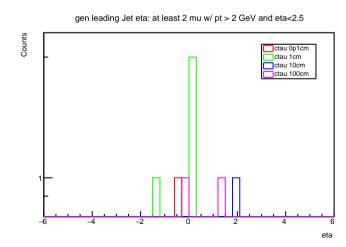


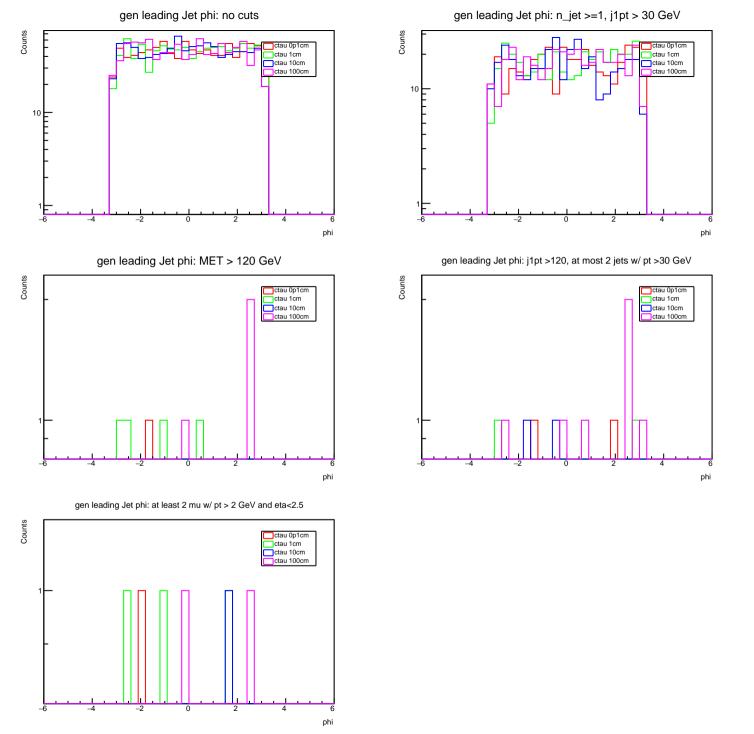


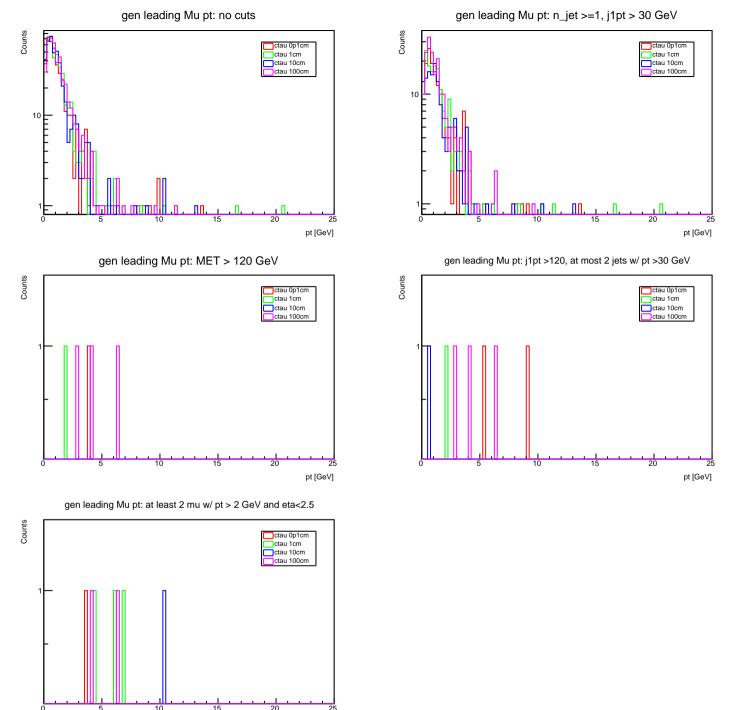




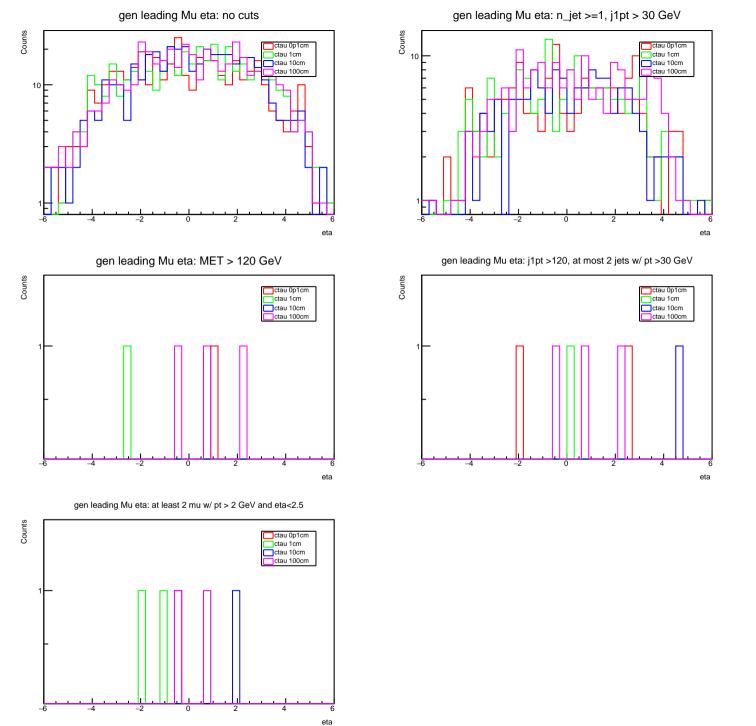


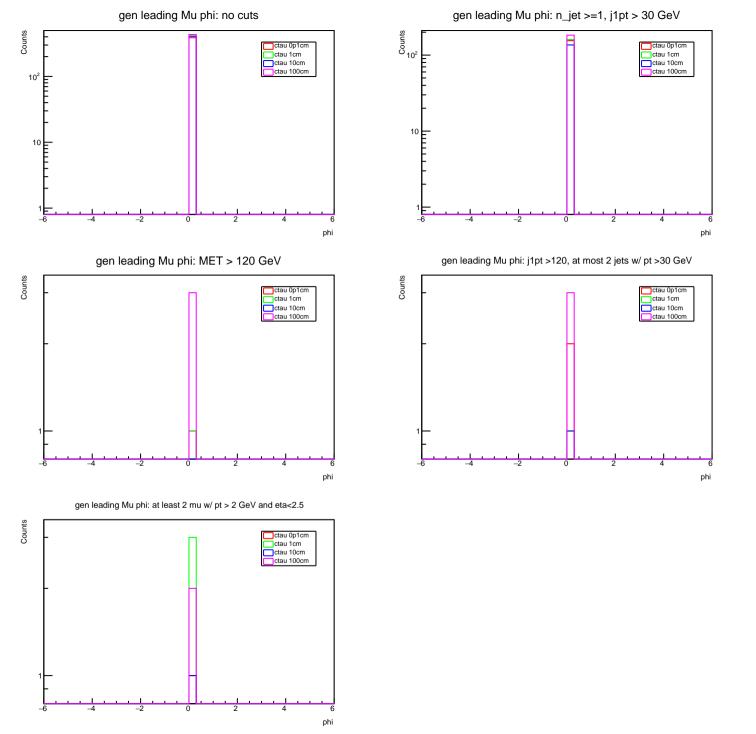


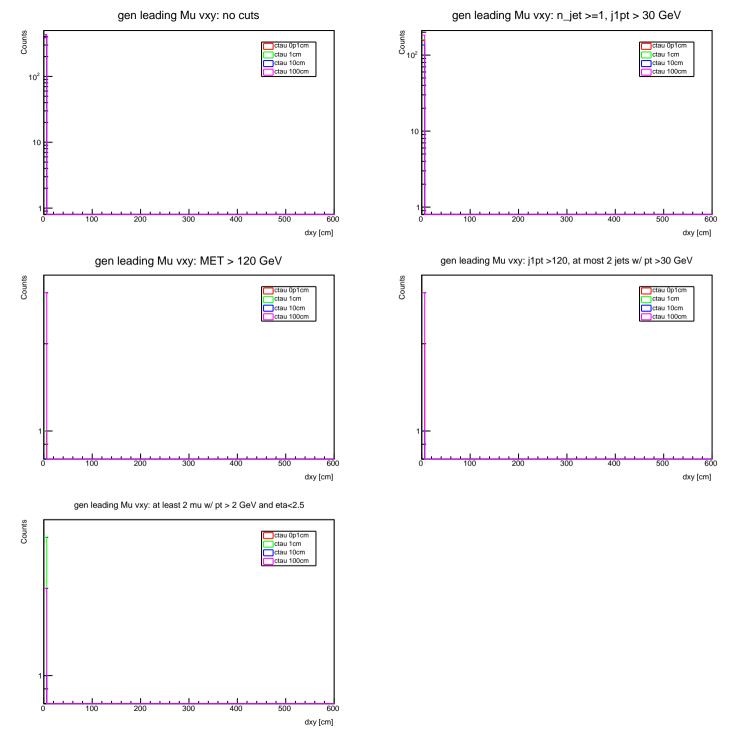


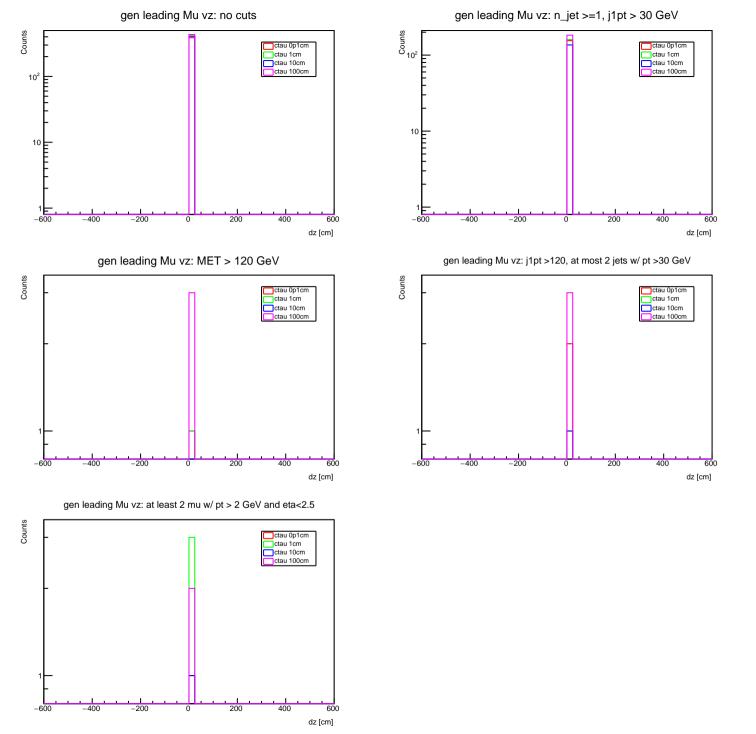


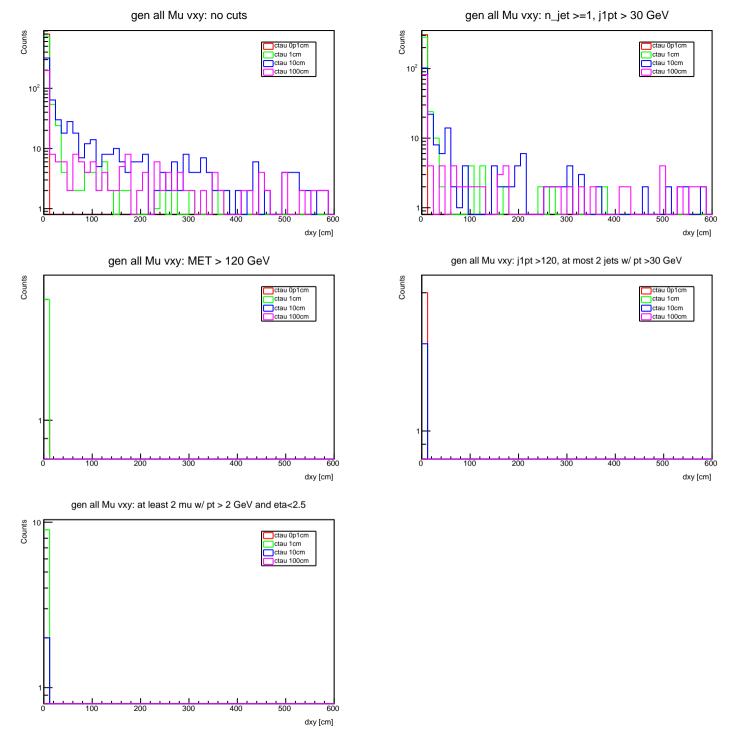
pt [GeV]

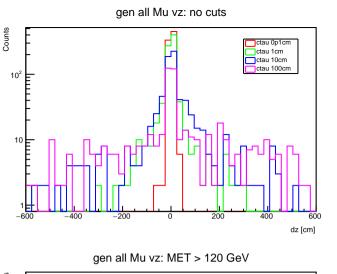


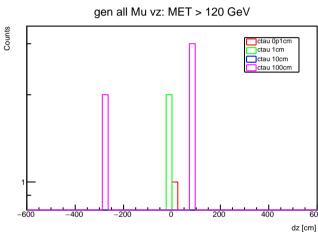


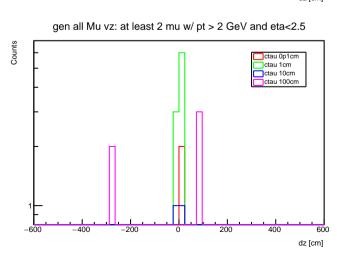


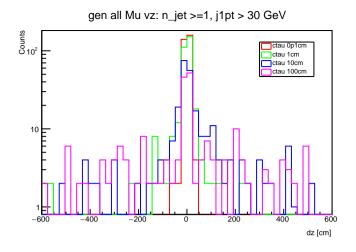


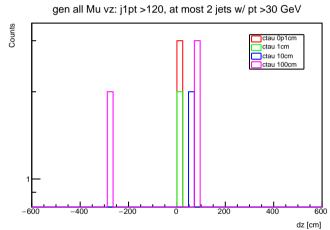


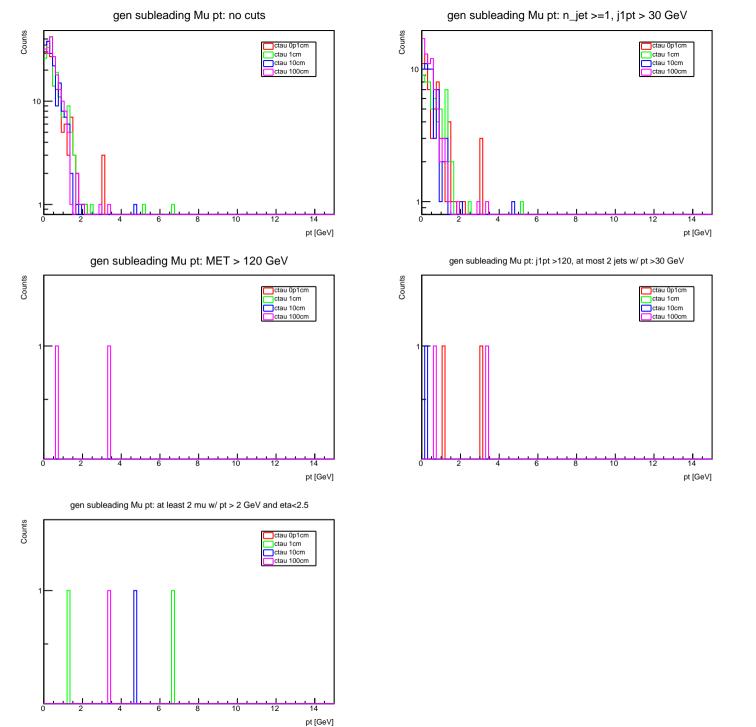


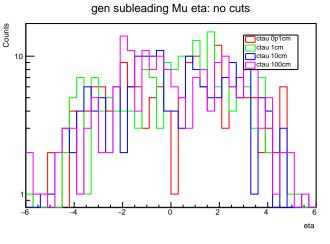


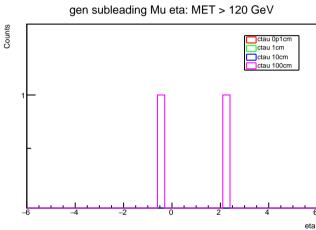


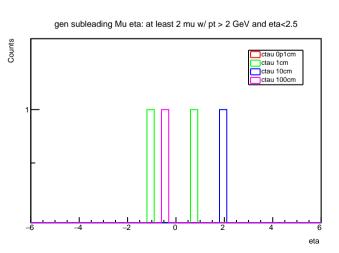


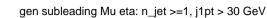


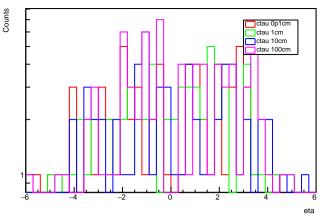




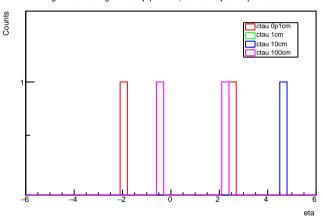


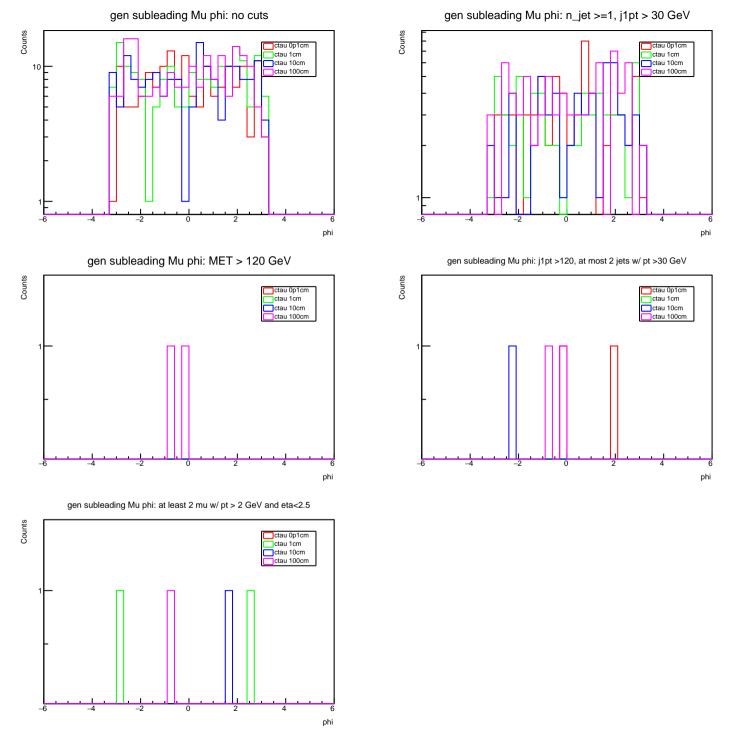


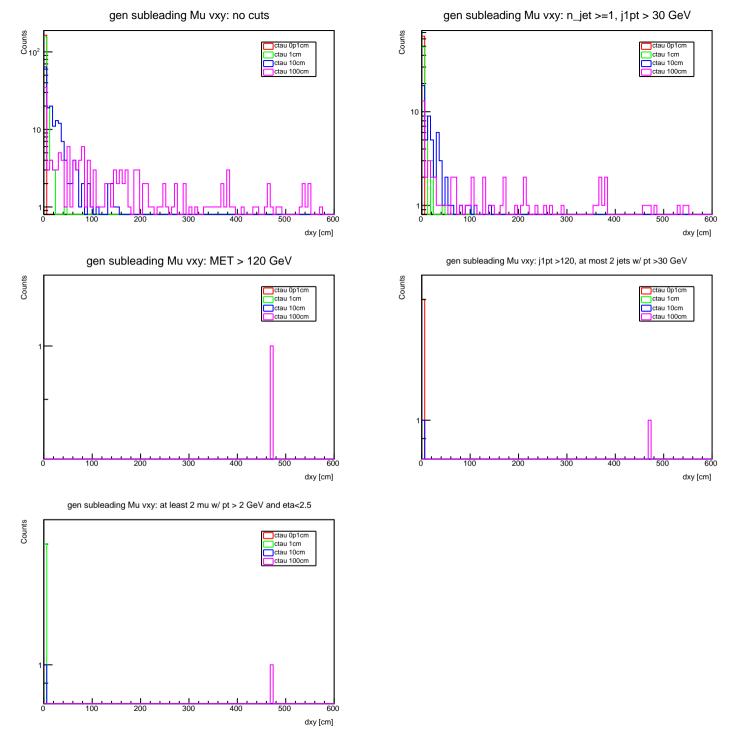


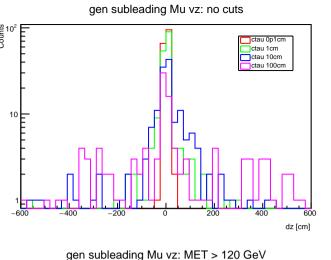


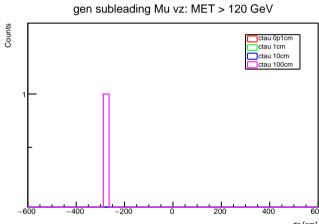
gen subleading Mu eta: j1pt >120, at most 2 jets w/ pt >30 GeV

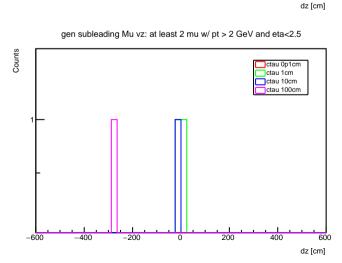


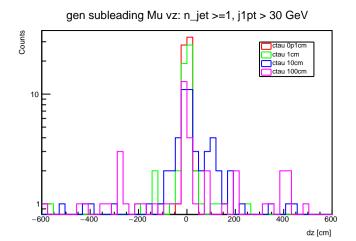


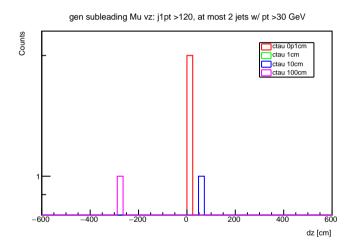


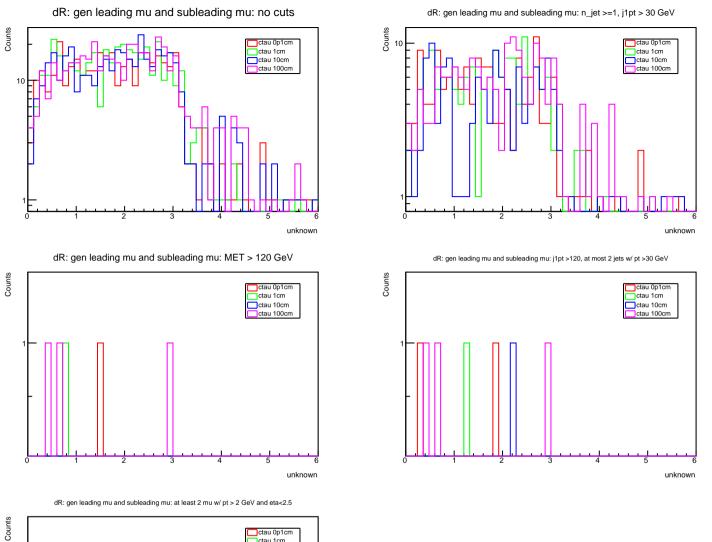


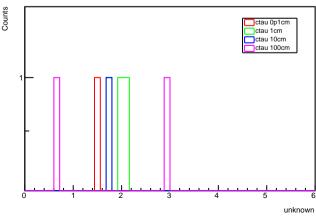


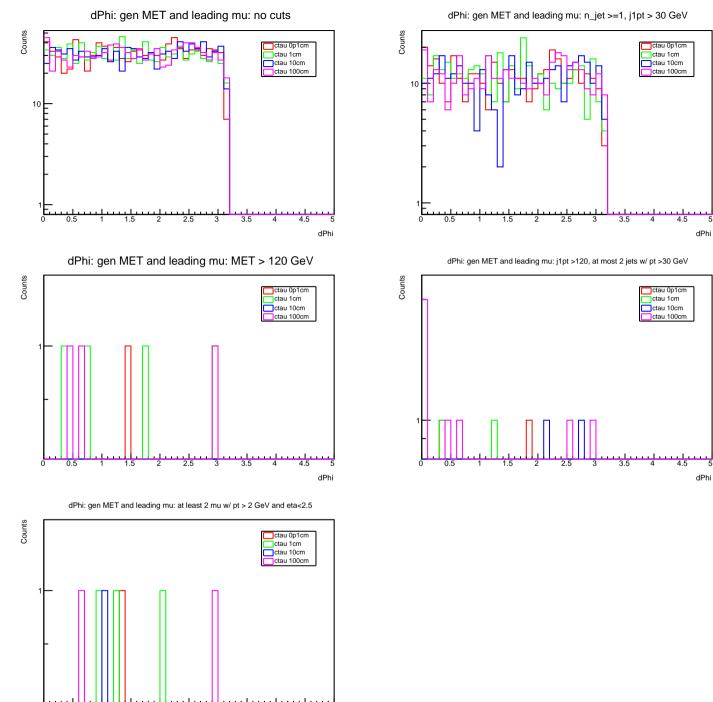




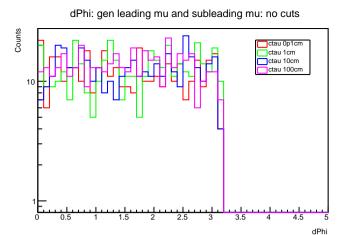




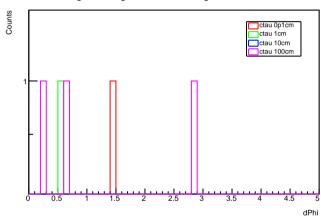




dPhi

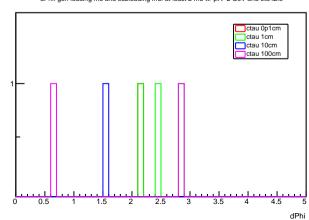




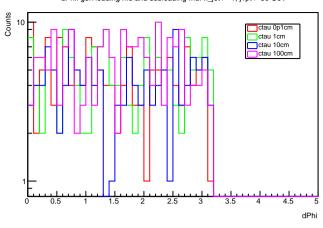


dPhi: gen leading mu and subleading mu: at least 2 mu w/ pt > 2 GeV and eta<2.5

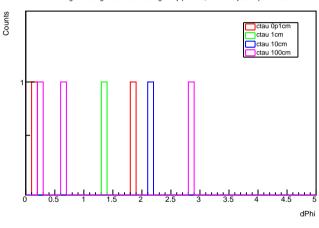
Counts

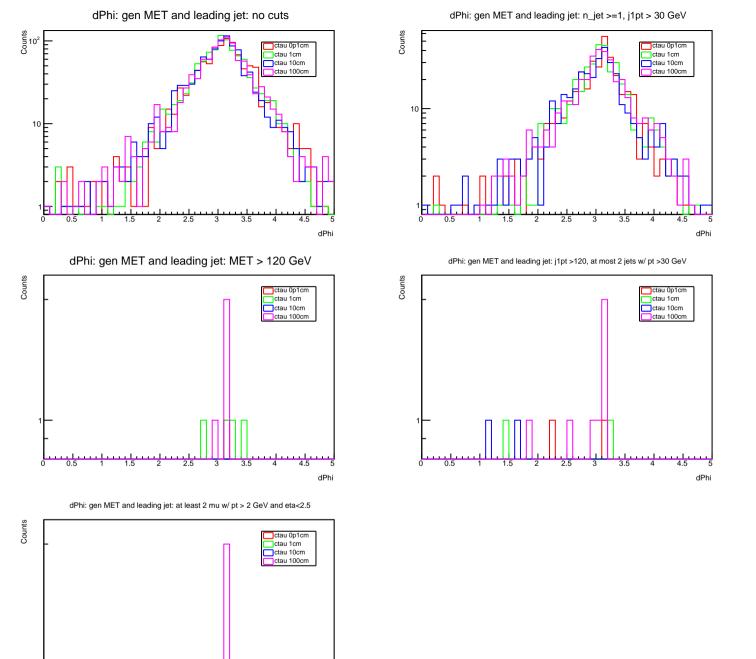




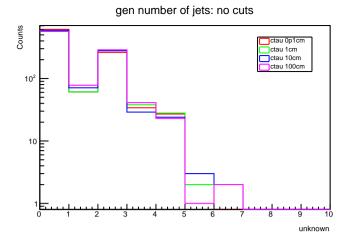


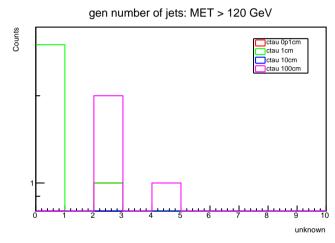
dPhi: gen leading mu and subleading mu: j1pt >120, at most 2 jets w/ pt >30 GeV

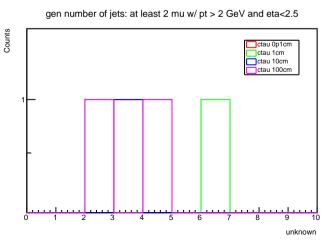




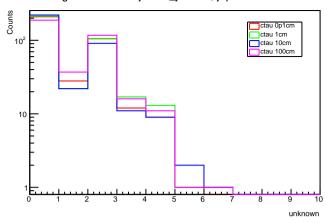
dPhi



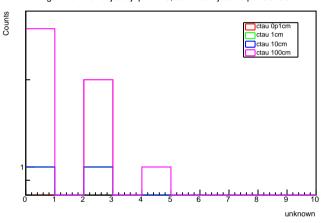


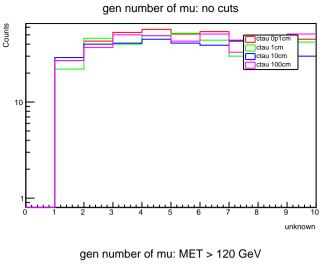


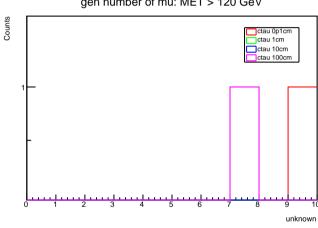


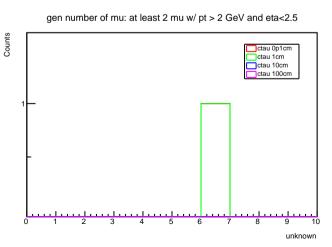


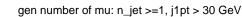
gen number of jets: j1pt >120, at most 2 jets w/ pt >30 GeV

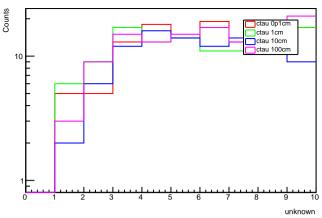




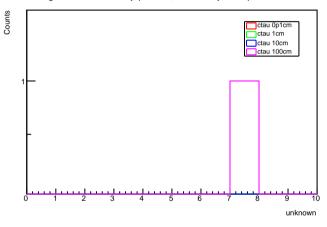


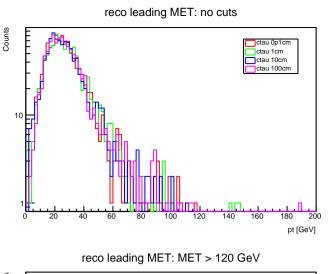


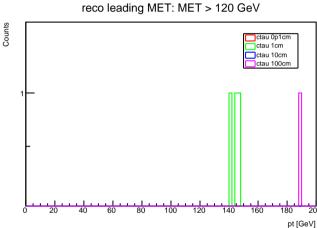


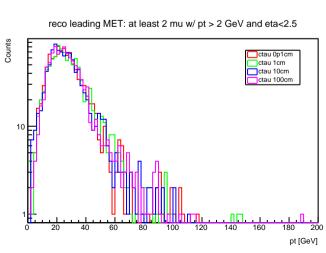


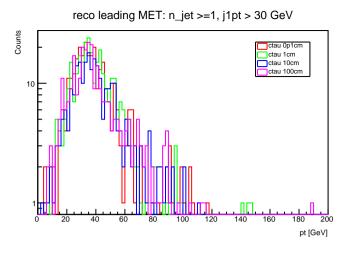
gen number of mu: j1pt >120, at most 2 jets w/ pt >30 GeV

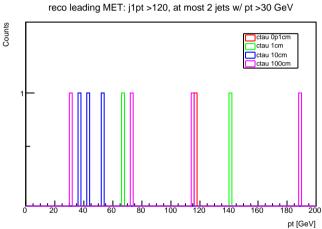


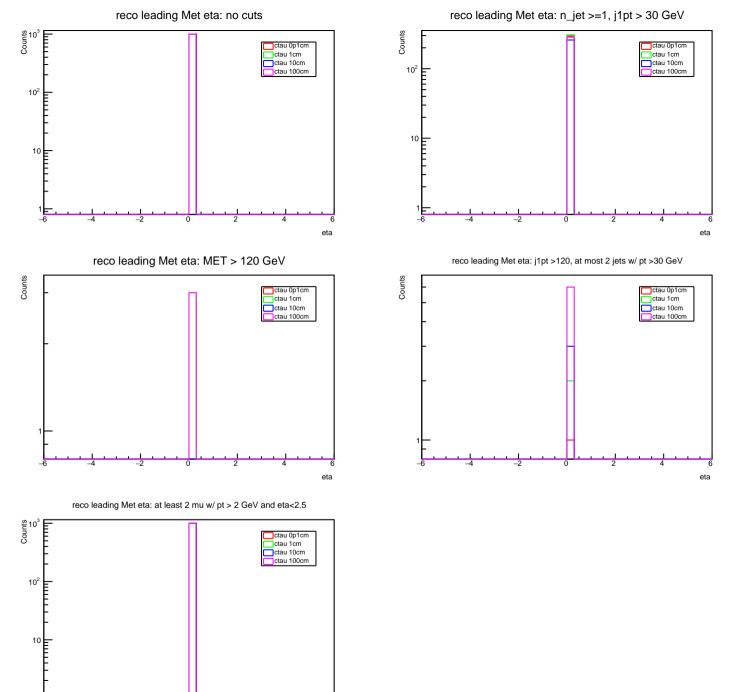




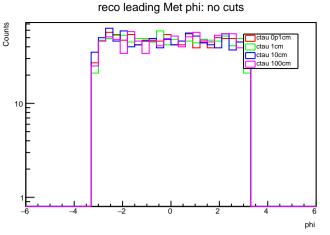


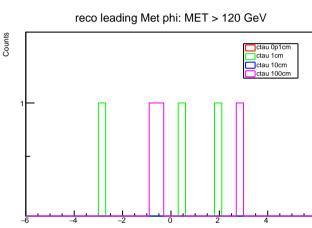


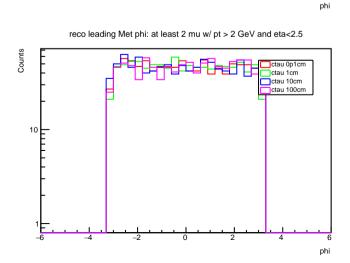


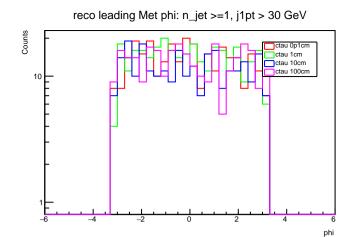


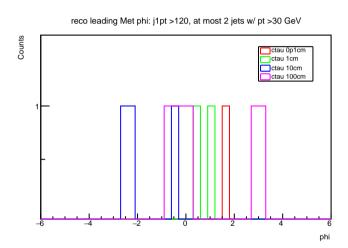
eta

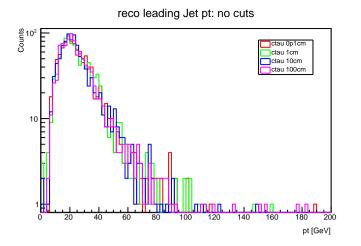


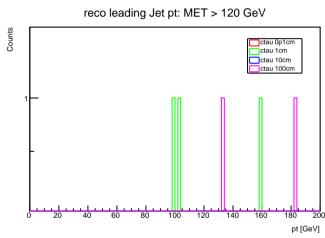


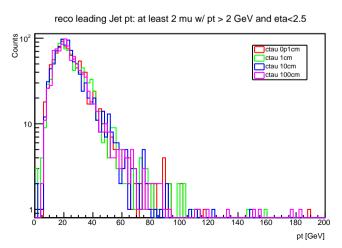


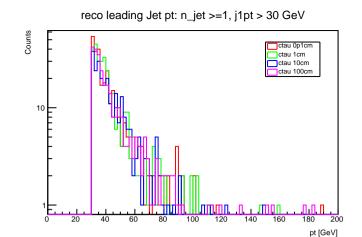


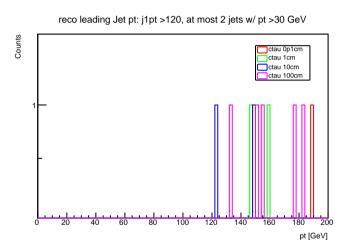


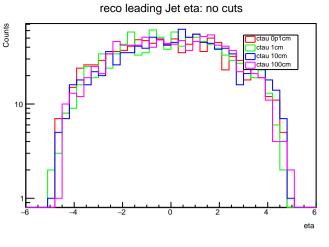


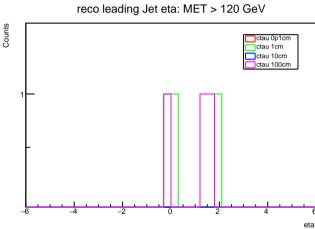


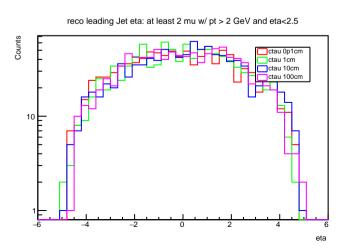


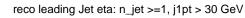


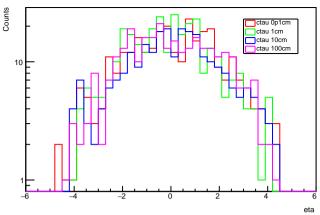




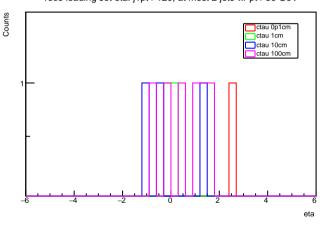


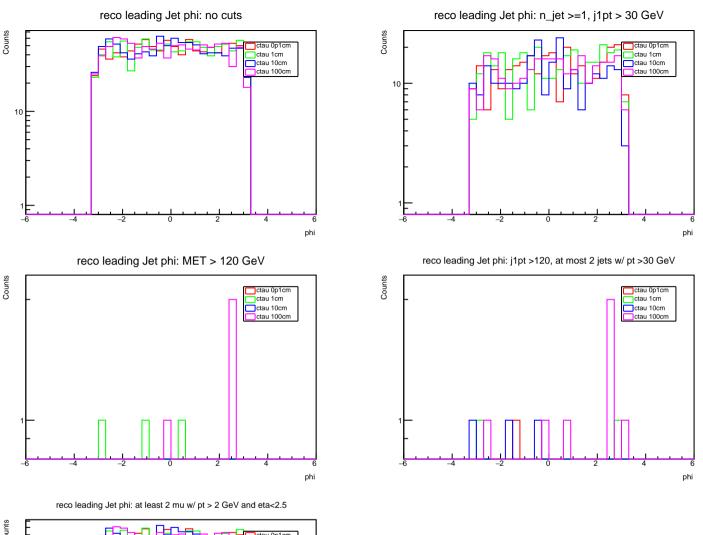


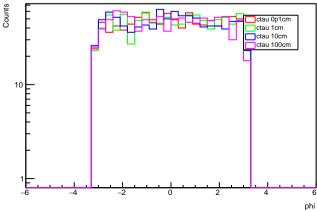


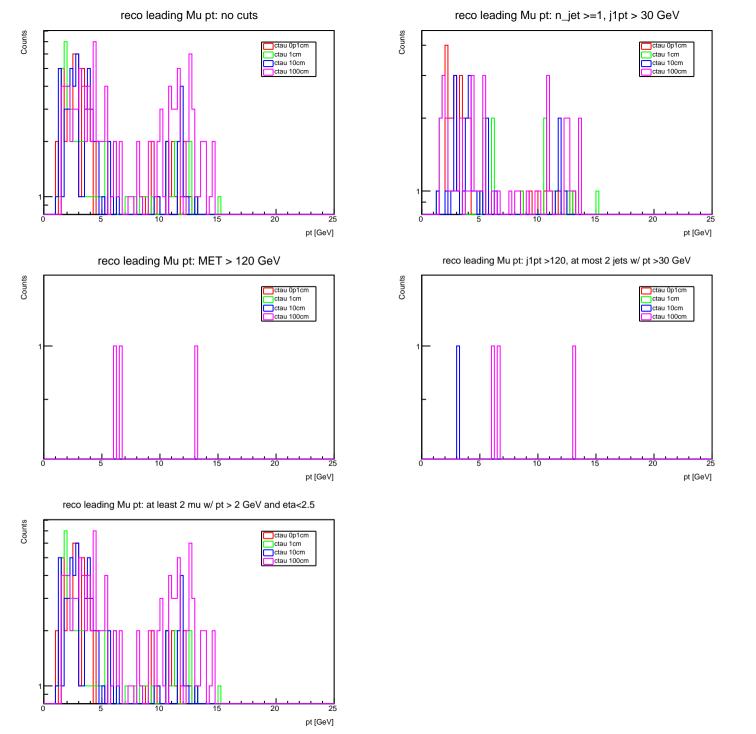


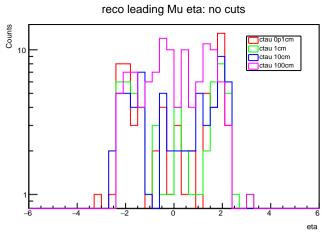
reco leading Jet eta: j1pt >120, at most 2 jets w/ pt >30 GeV

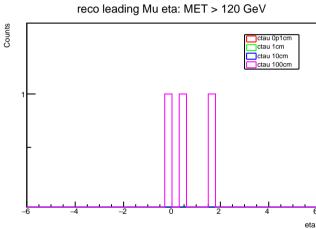


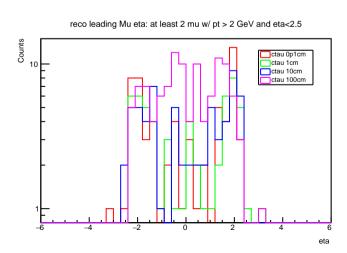




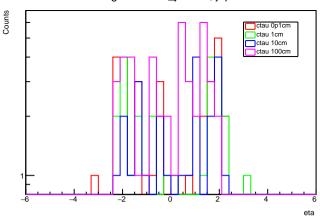




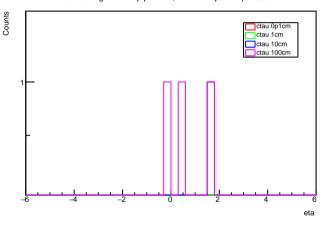


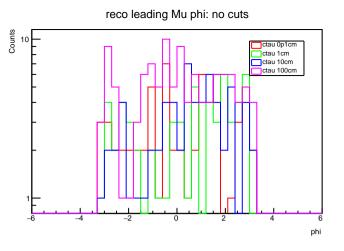


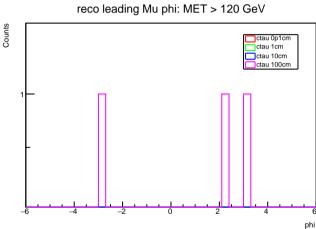


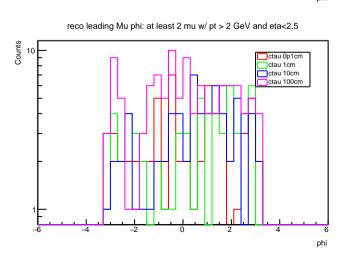


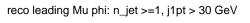
reco leading Mu eta: j1pt >120, at most 2 jets w/ pt >30 GeV

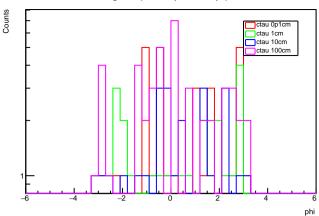




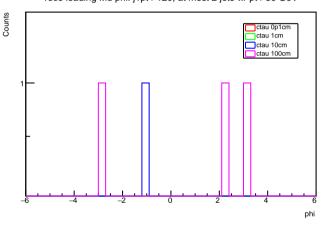


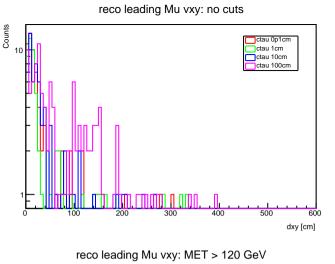


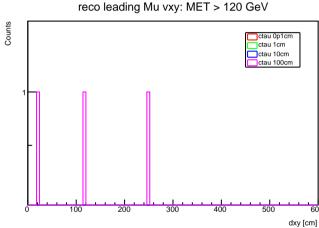


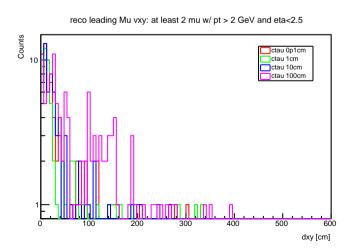


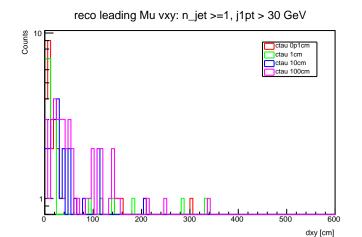
reco leading Mu phi: j1pt >120, at most 2 jets w/ pt >30 GeV

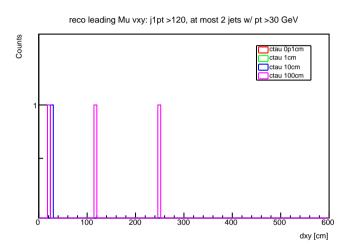


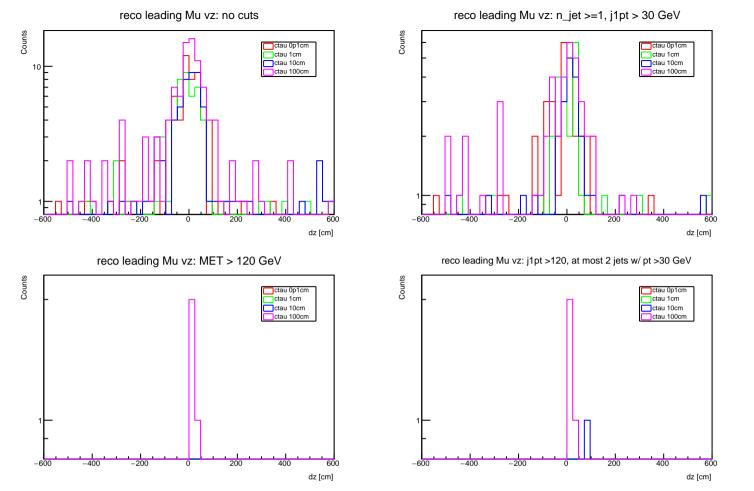


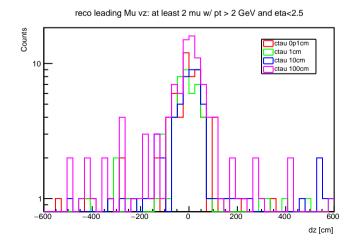


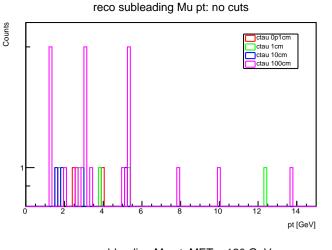


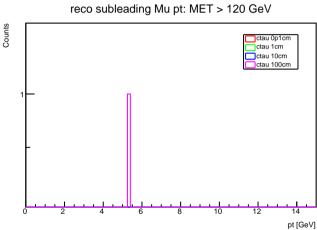


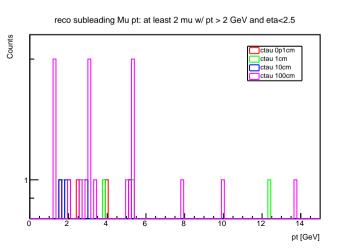


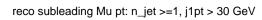


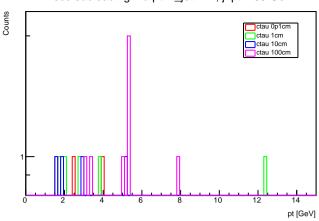




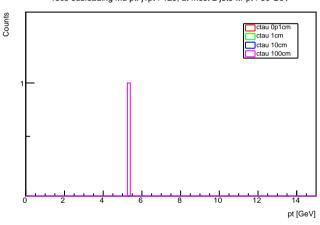


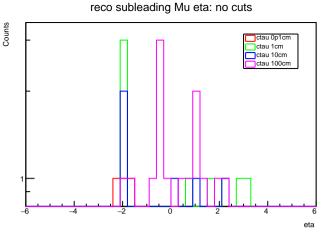


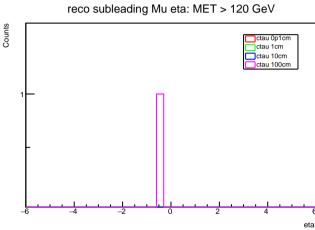


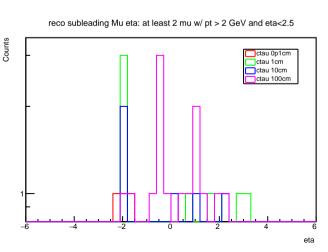


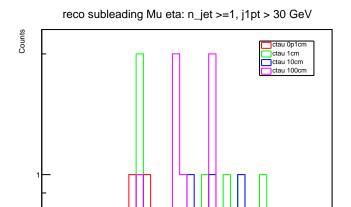
reco subleading Mu pt: j1pt >120, at most 2 jets w/ pt >30 GeV



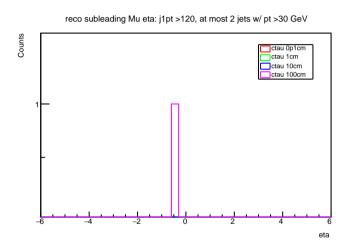


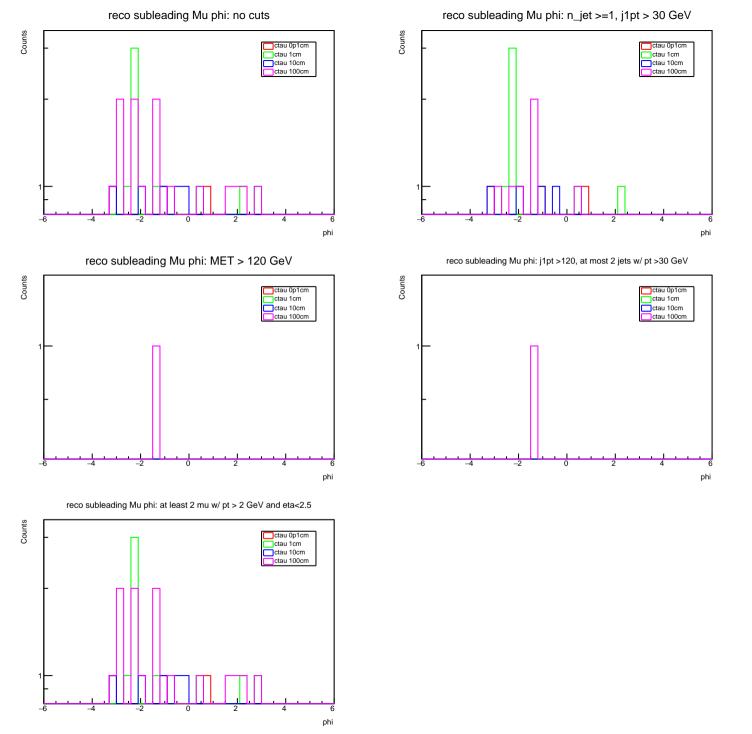


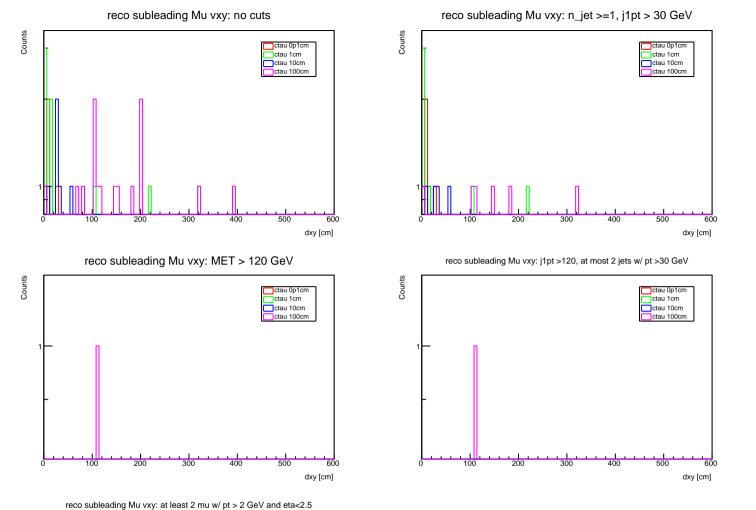


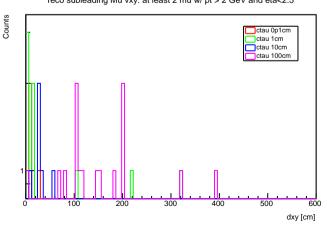


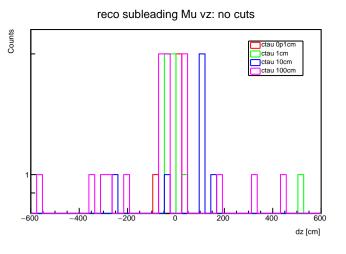
eta

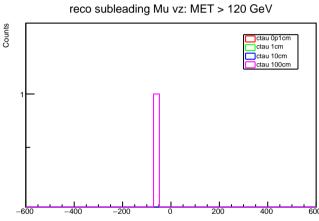


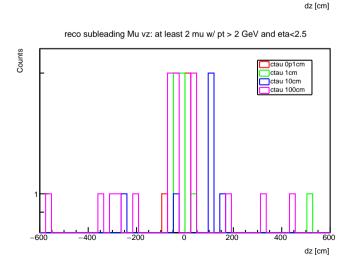


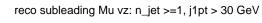


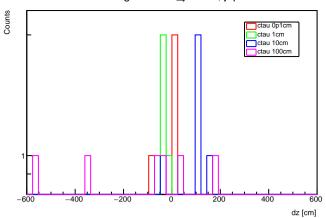




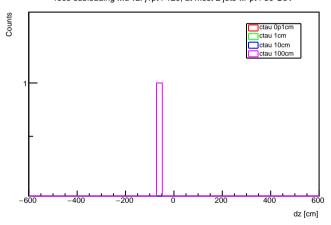


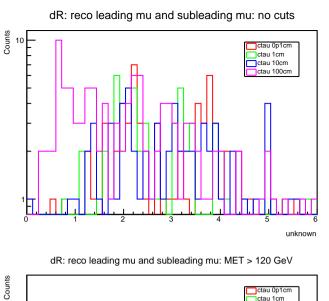


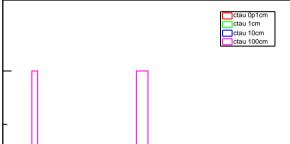




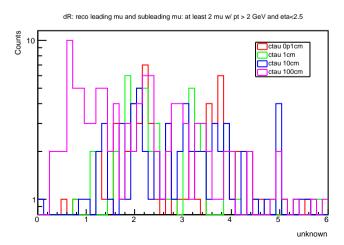
reco subleading Mu vz: j1pt >120, at most 2 jets w/ pt >30 GeV





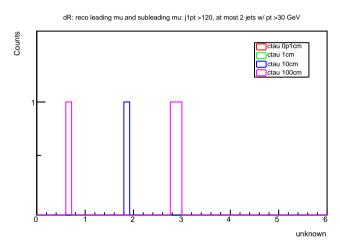


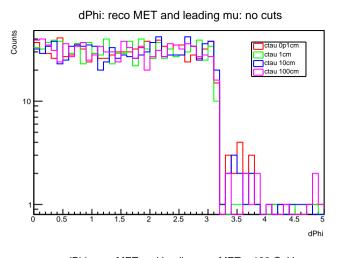
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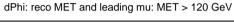


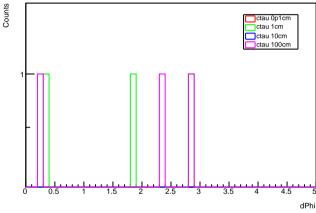


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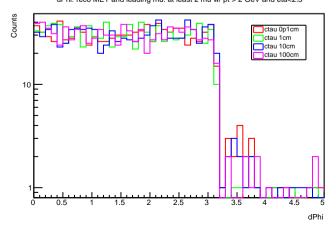




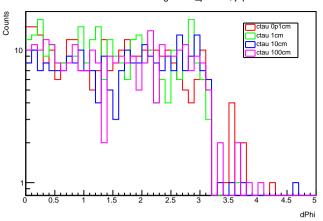




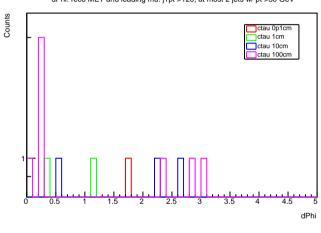
dPhi: reco MET and leading mu: at least 2 mu w/ pt > 2 GeV and eta<2.5

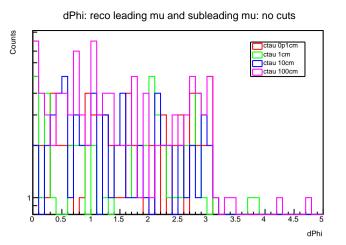


dPhi: reco MET and leading mu: n\_jet >=1, j1pt > 30 GeV

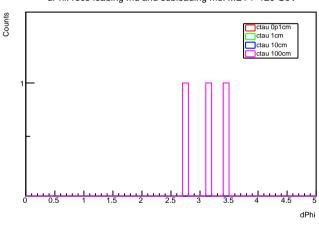


dPhi: reco MET and leading mu: j1pt >120, at most 2 jets w/ pt >30 GeV

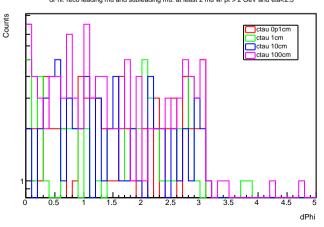




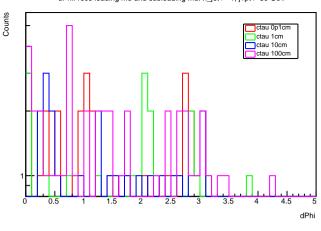
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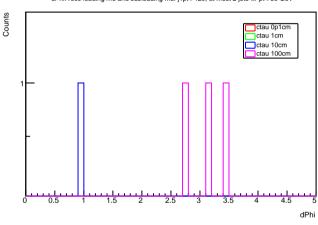
dPhi: reco leading mu and subleading mu: at least 2 mu w/ pt > 2 GeV and eta<2.5

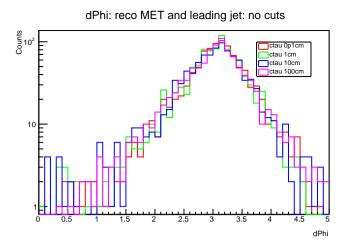


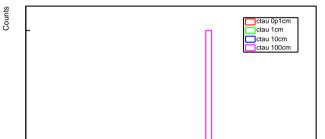
dPhi: reco leading mu and subleading mu: n\_jet >=1, j1pt > 30 GeV



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

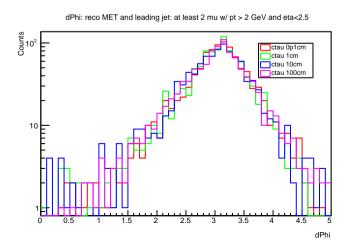


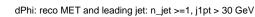


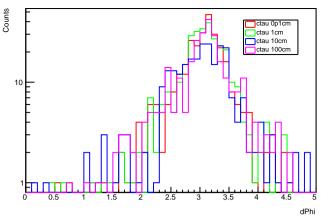


dPhi

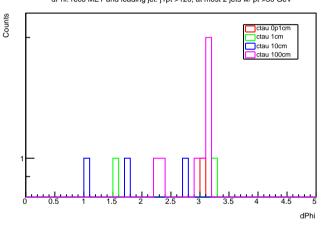
dPhi: reco MET and leading jet: MET > 120 GeV

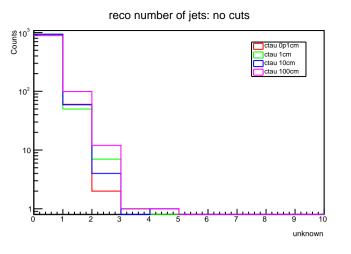


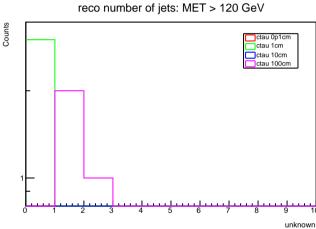


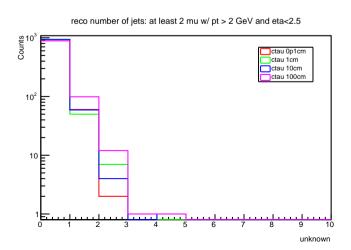


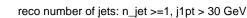
dPhi: reco MET and leading jet: j1pt >120, at most 2 jets w/ pt >30 GeV

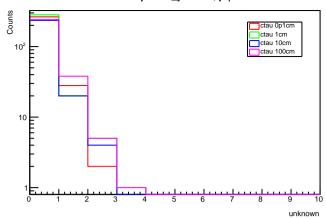




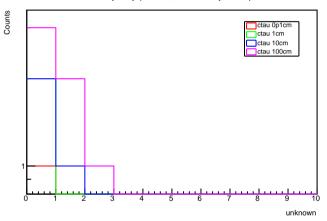


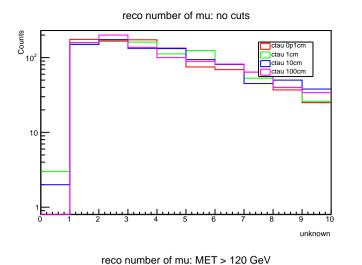


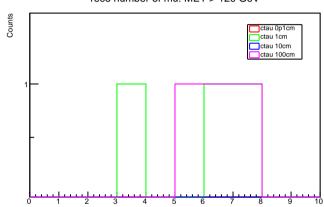




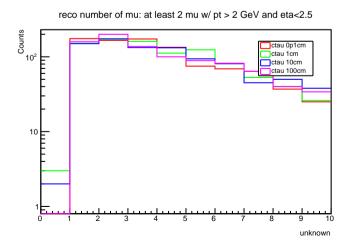
reco number of jets: j1pt >120, at most 2 jets w/ pt >30 GeV

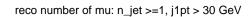


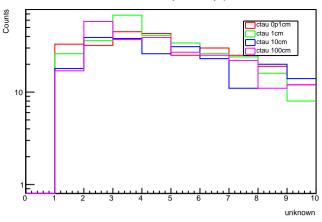




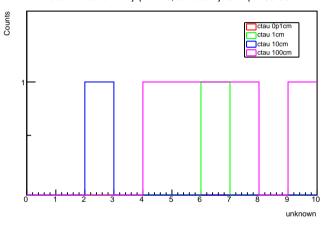
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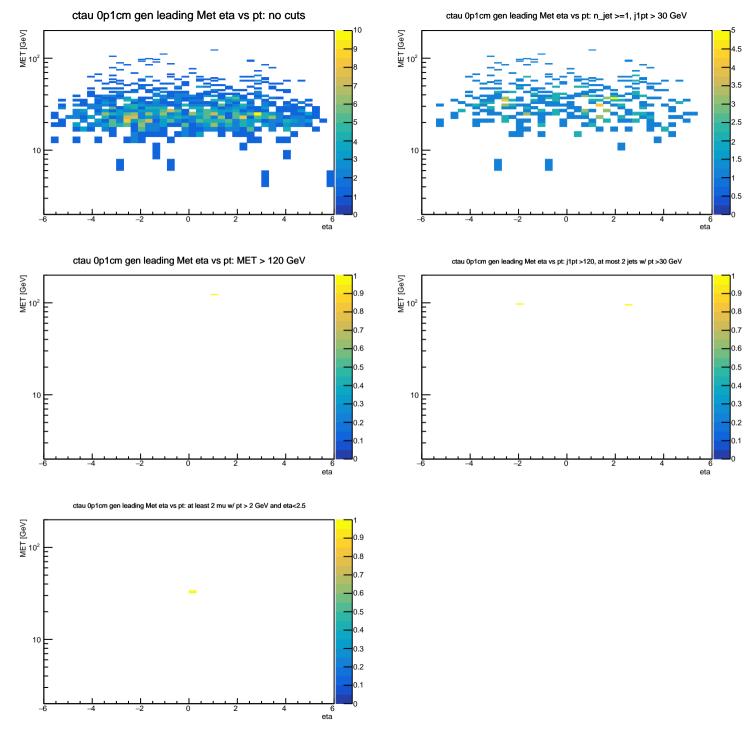


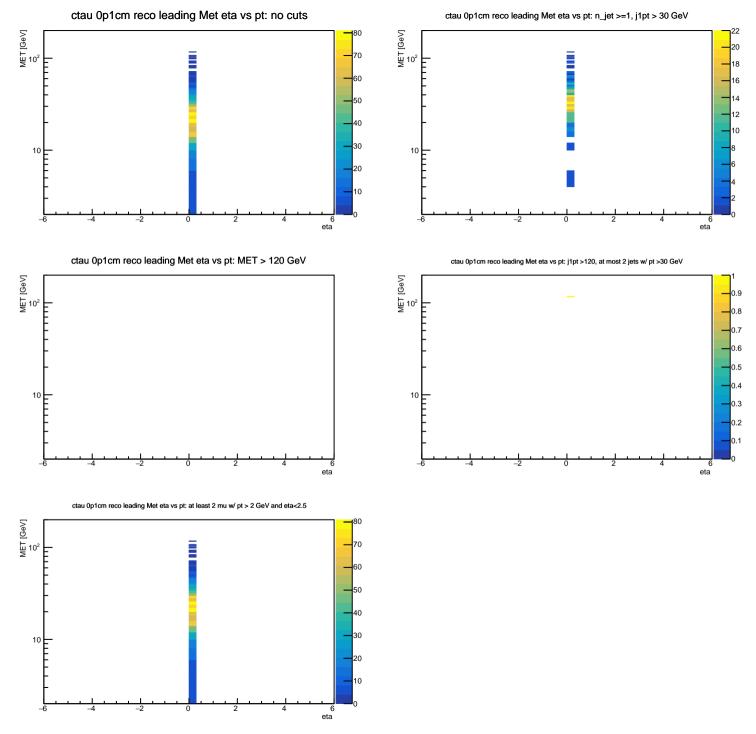


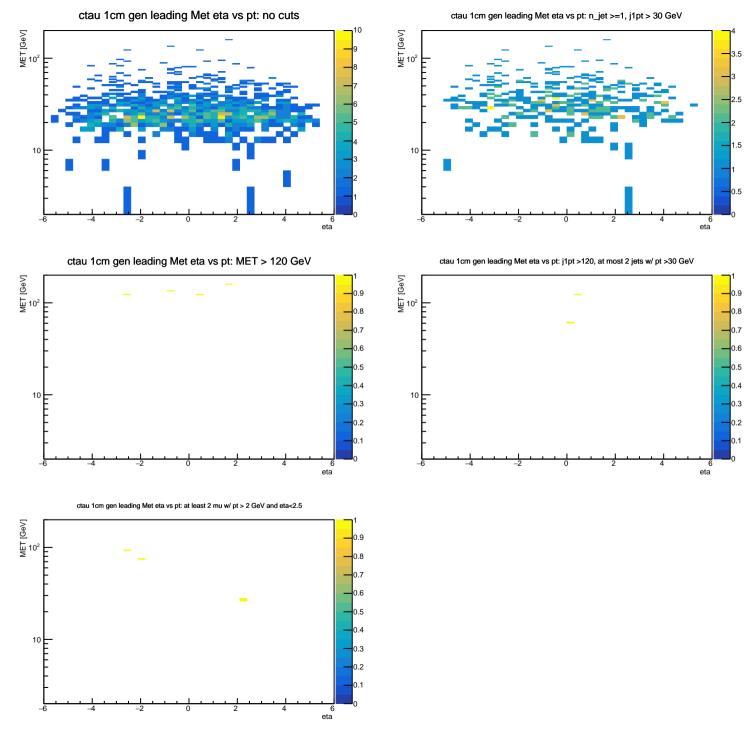


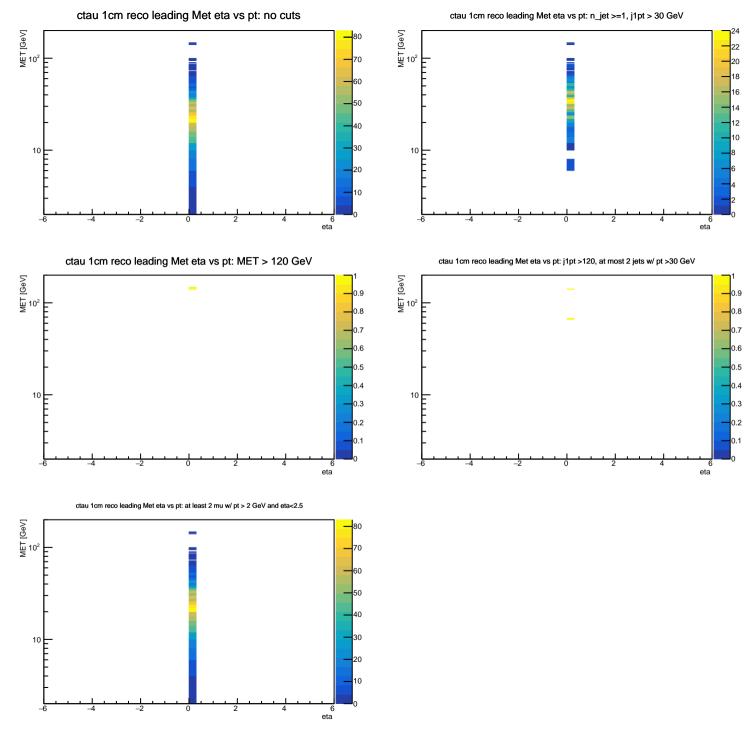
reco number of mu: j1pt >120, at most 2 jets w/ pt >30 GeV

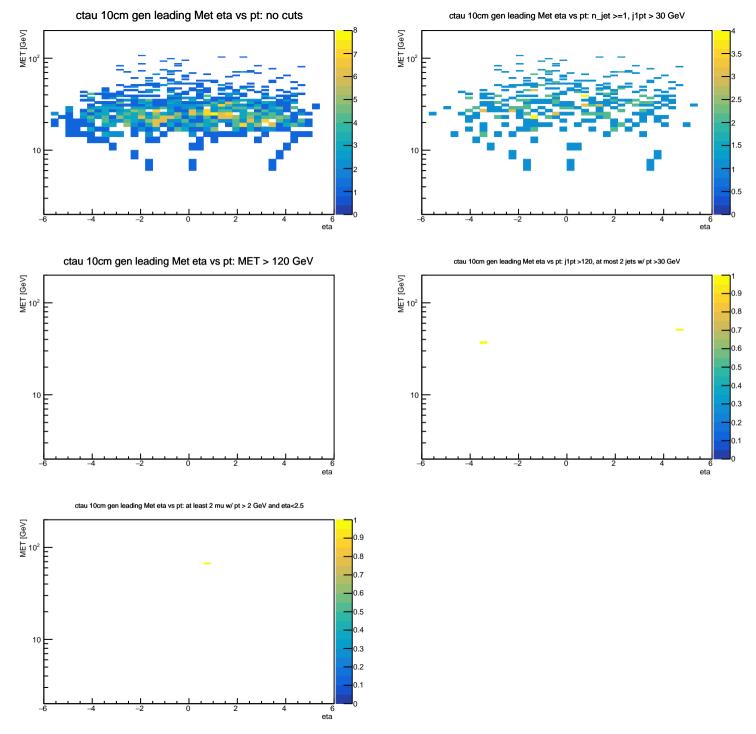


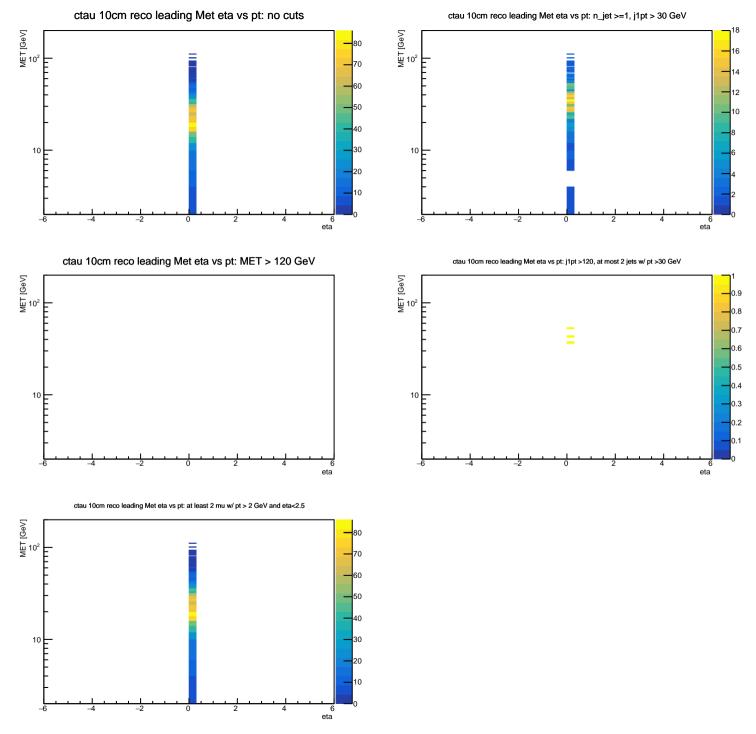


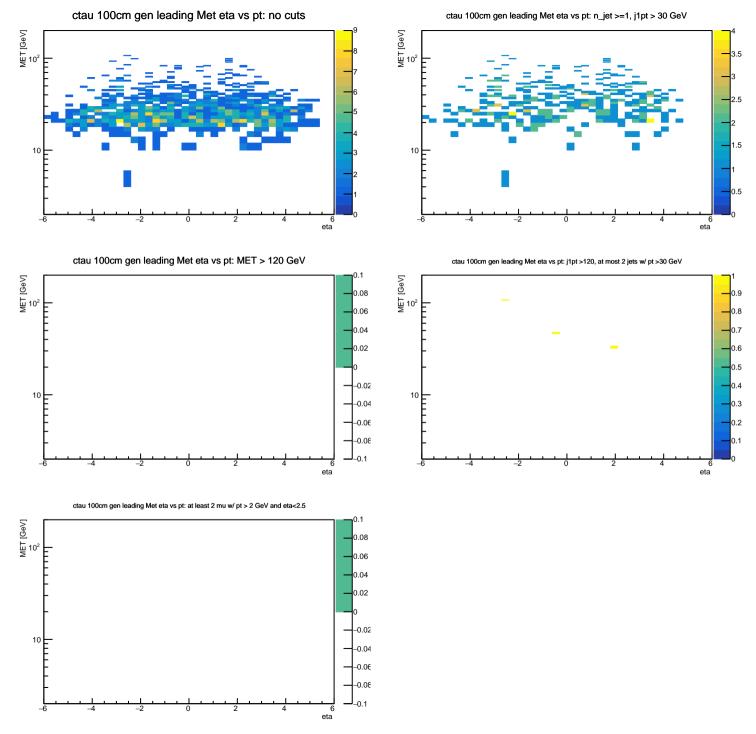


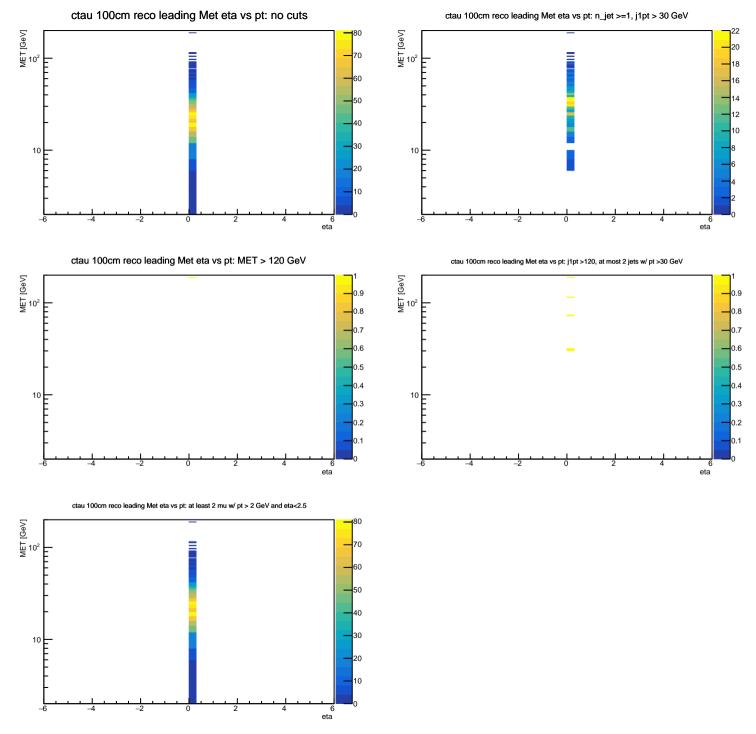






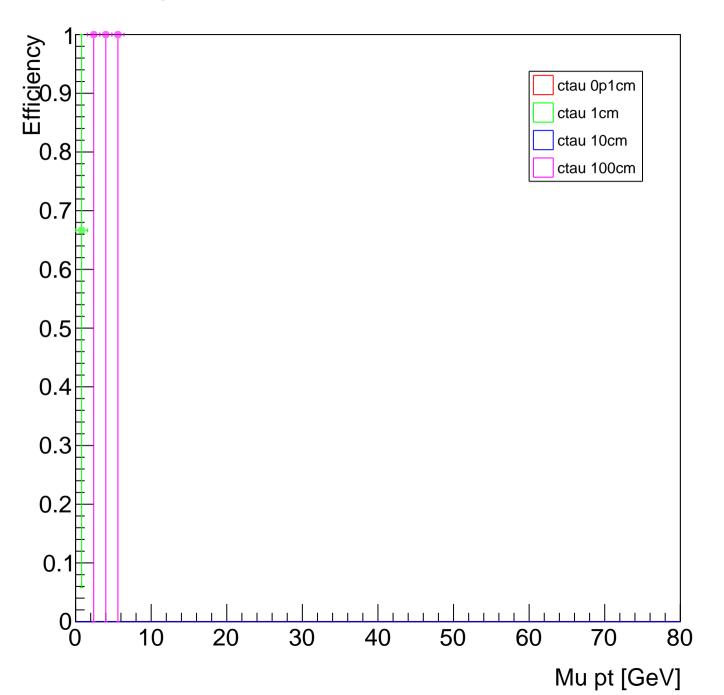




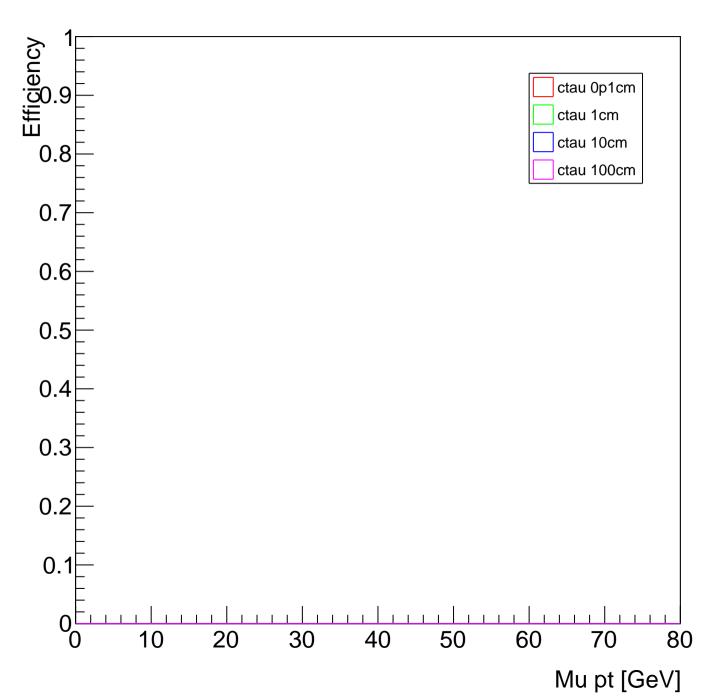


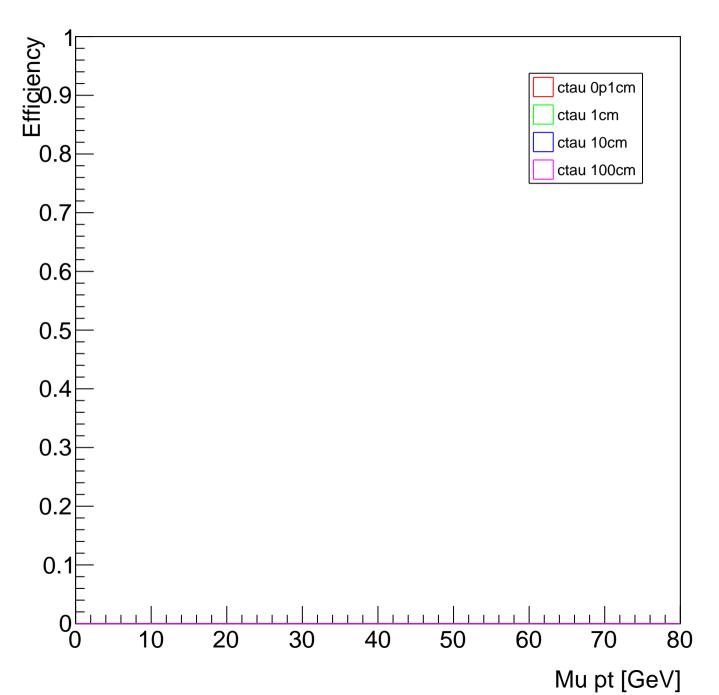


### trigefficiency HLT\_PFMET120\_PFMHT120

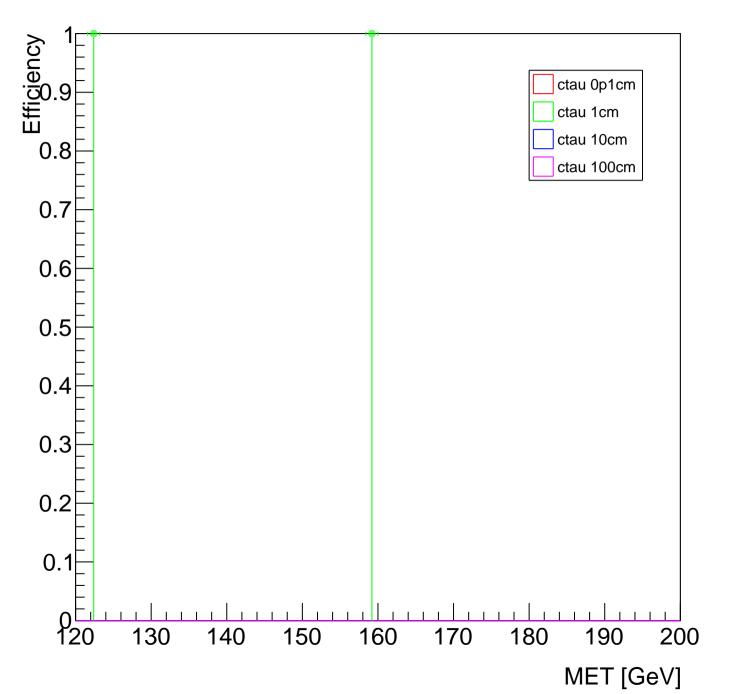


#### trigefficiency HLT\_DoubleMu3\_DCA\_PFMET50\_PFMHT60

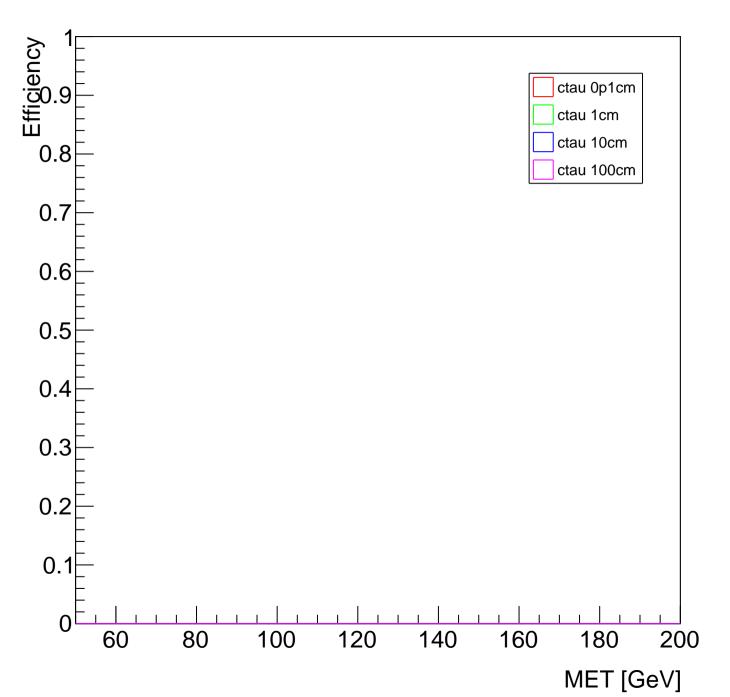




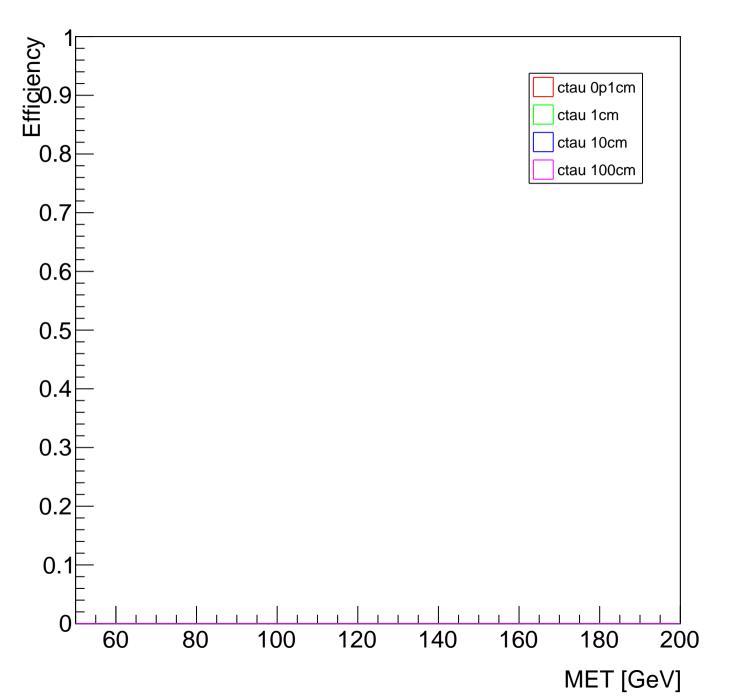
### trigefficiency HLT\_PFMET120\_PFMHT120



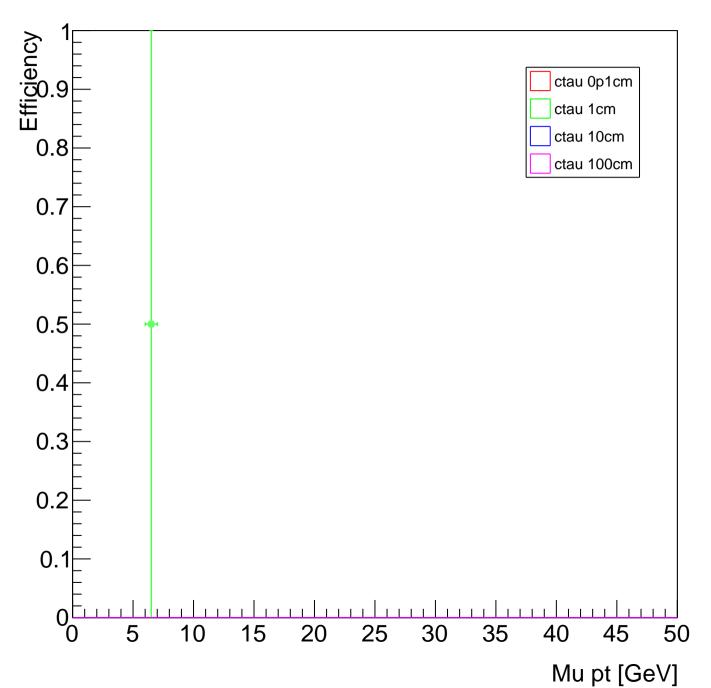
#### trigefficiency HLT\_DoubleMu3\_DCA\_PFMET50\_PFMHT60



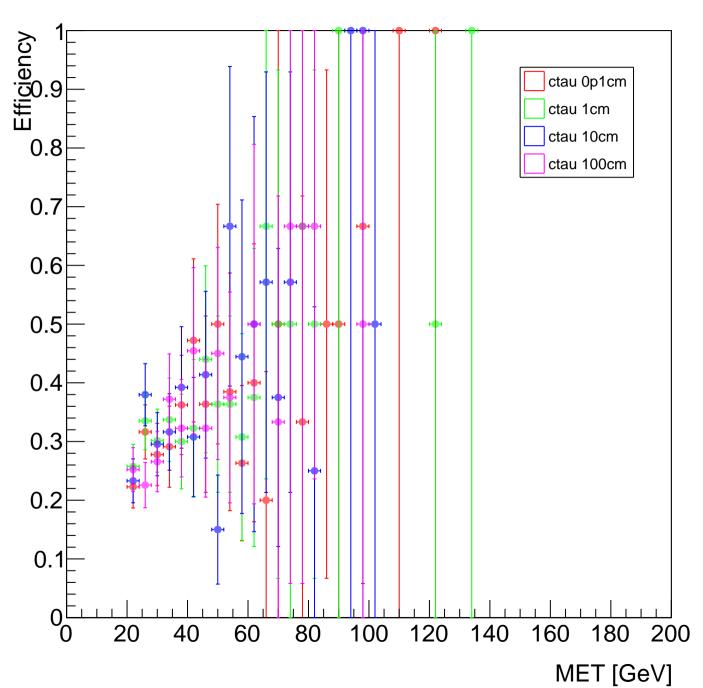
#### trigefficiency HLT\_DoubleMu3\_DZ\_PFMET50\_PFMHT60



# recoefficiency mu



### recoefficiency met



# recoefficiency met

