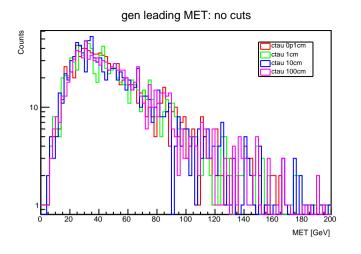
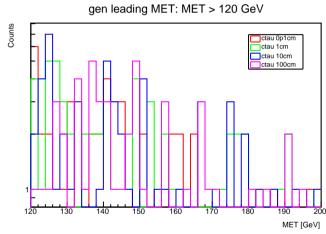
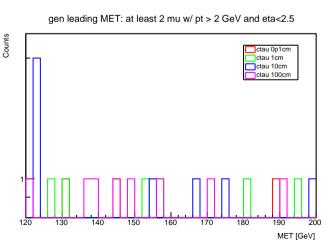
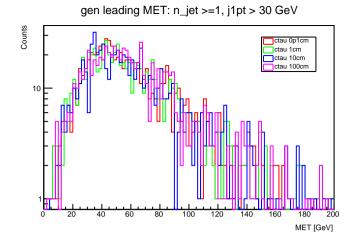
50 GeV (10%)

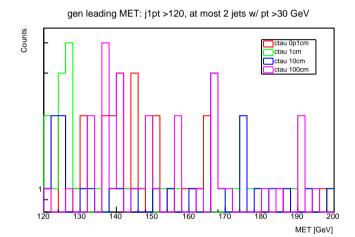
nevents ctau 0p1cm: 1000(c1:708(634),c2:59(49),c3:43(34),c4:6(34)) nevents ctau 1cm: 1000(c1:709(619),c2:74(63),c3:51(42),c4:11(42)) nevents ctau 10cm: 1000(c1:691(612),c2:67(58),c3:38(38),c4:11(38)) nevents ctau 100cm: 1000(c1:723(663),c2:60(58),c3:41(36),c4:11(36))

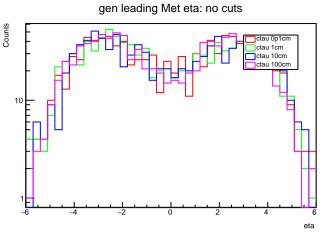


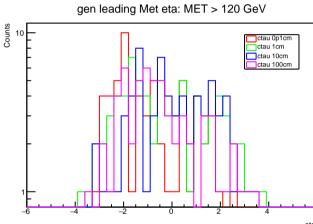


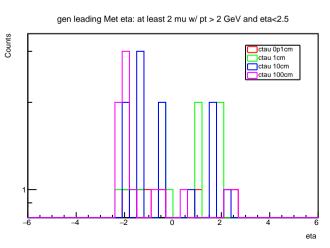


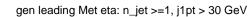


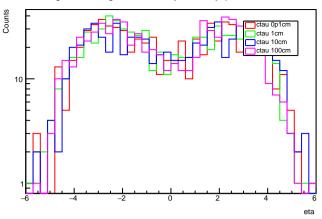




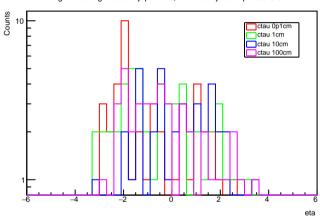


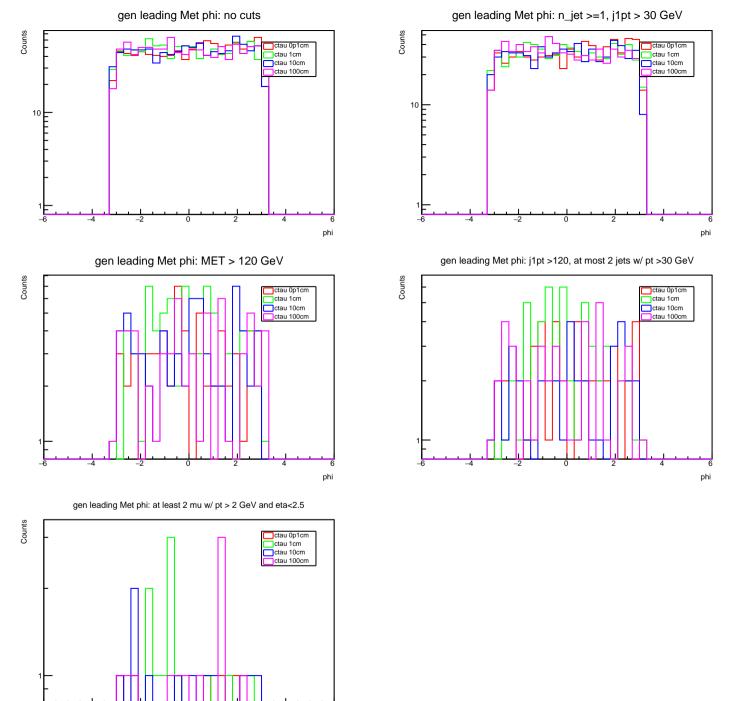




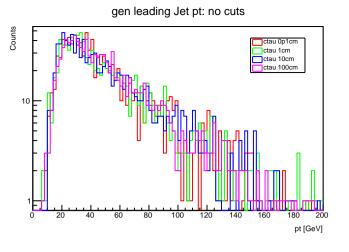


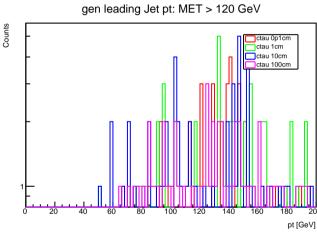
gen leading Met eta: j1pt >120, at most 2 jets w/ pt >30 GeV

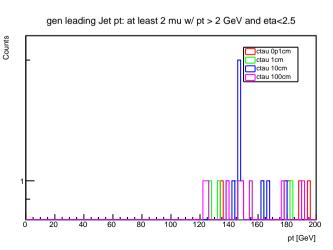


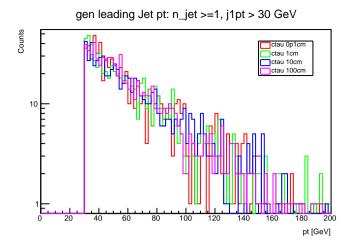


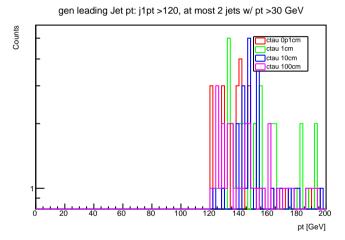
phi

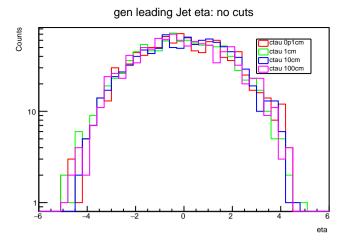


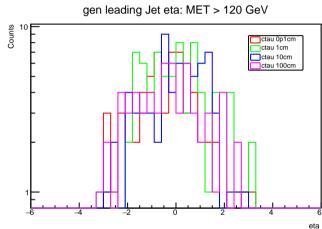


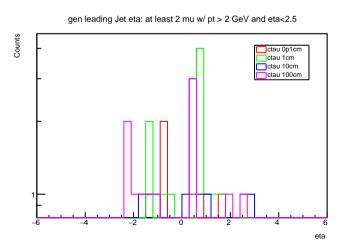


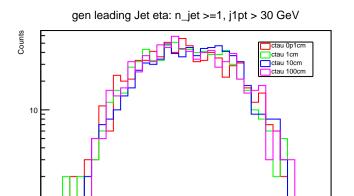




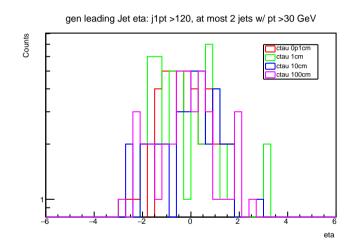


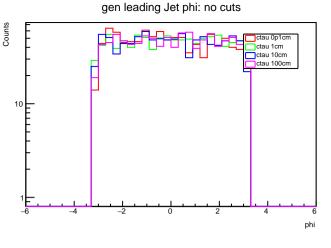


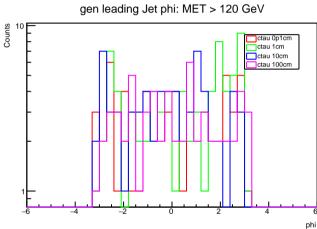


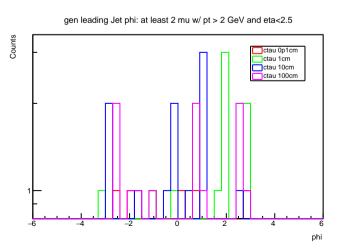


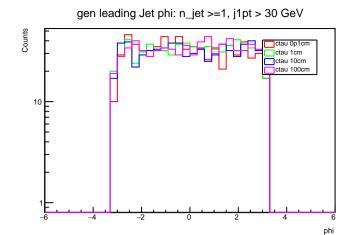
eta

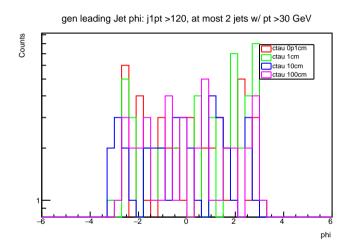


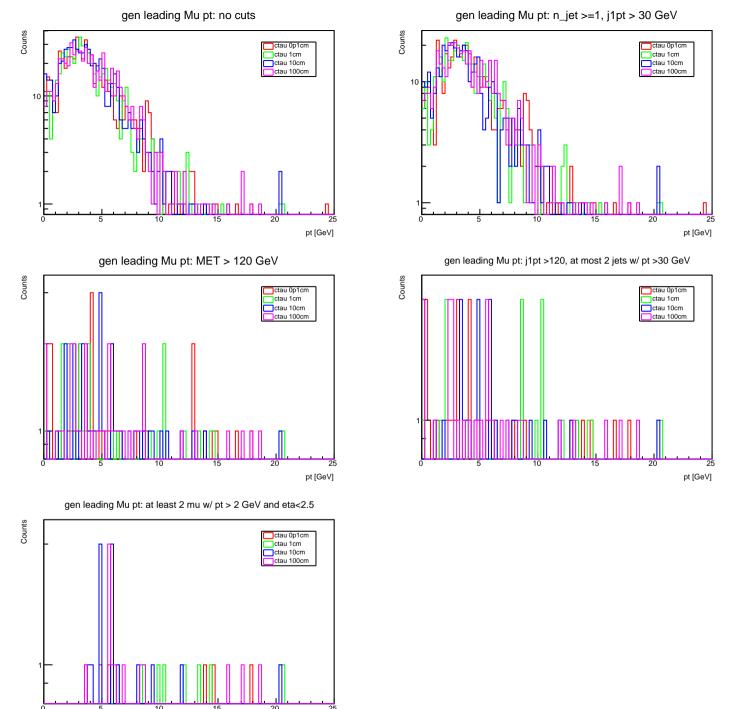




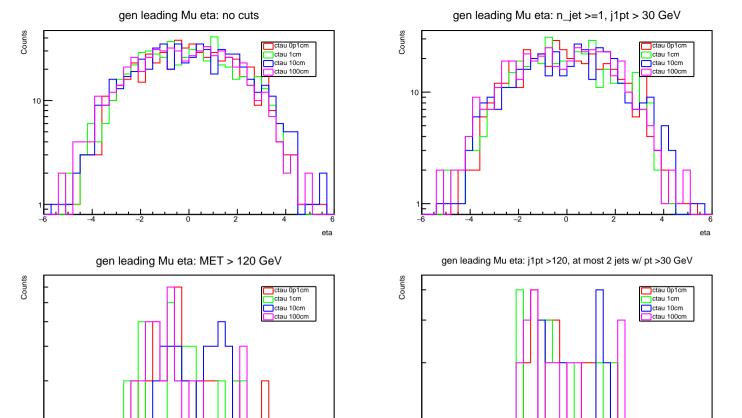


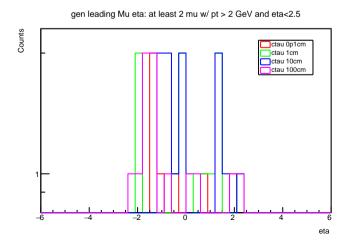


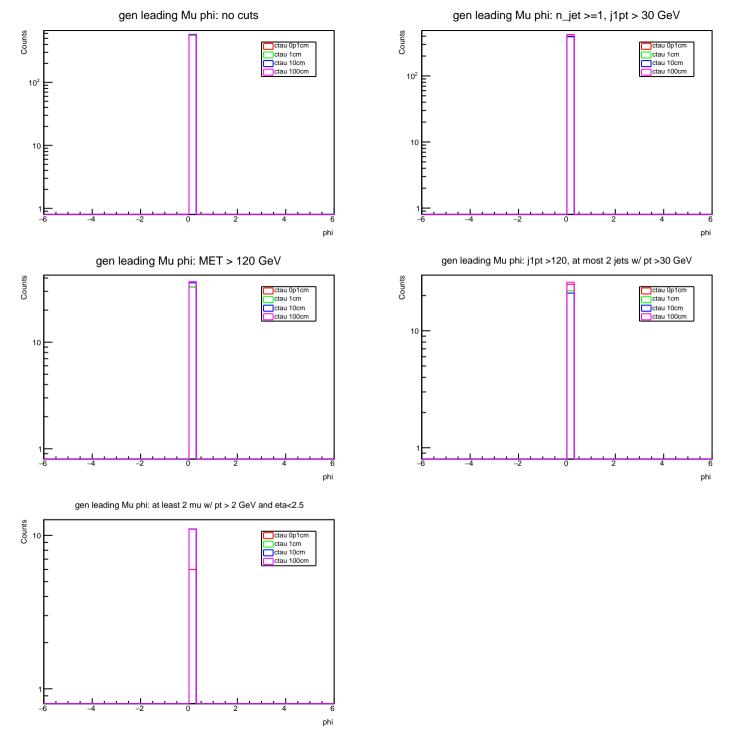


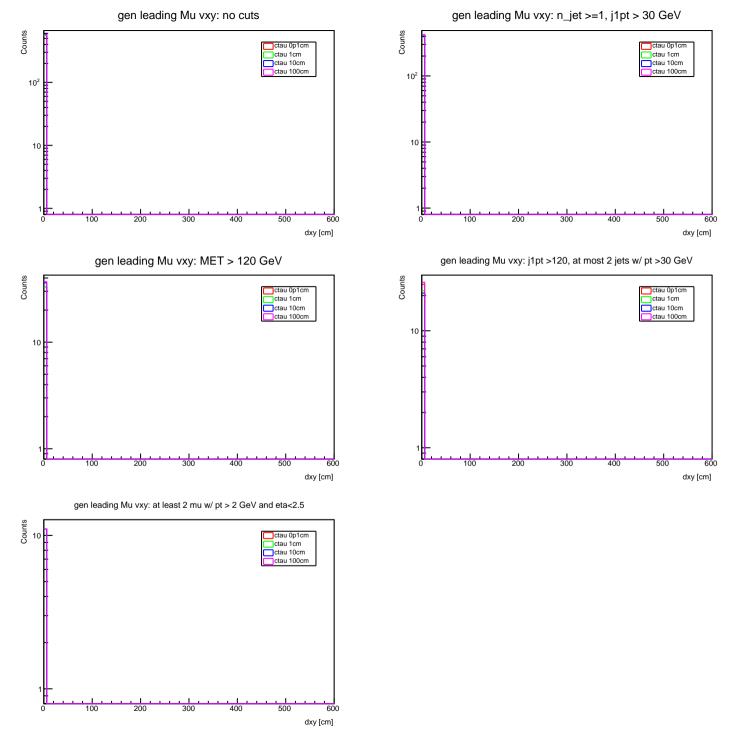


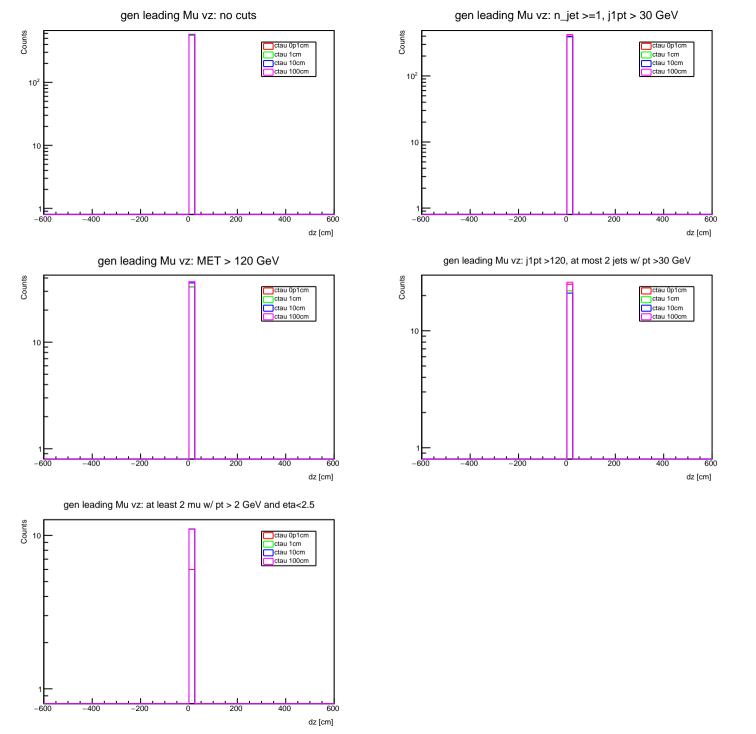
pt [GeV]

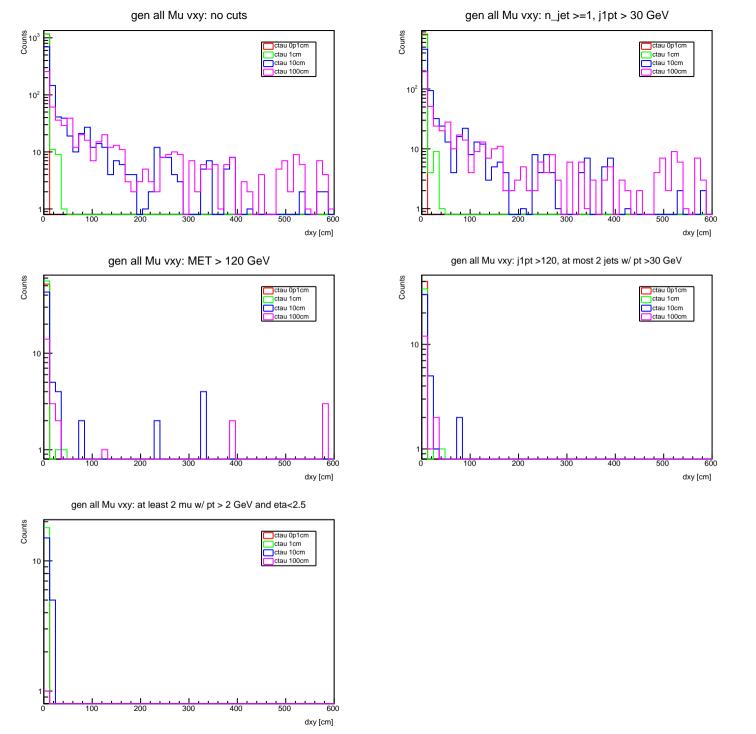


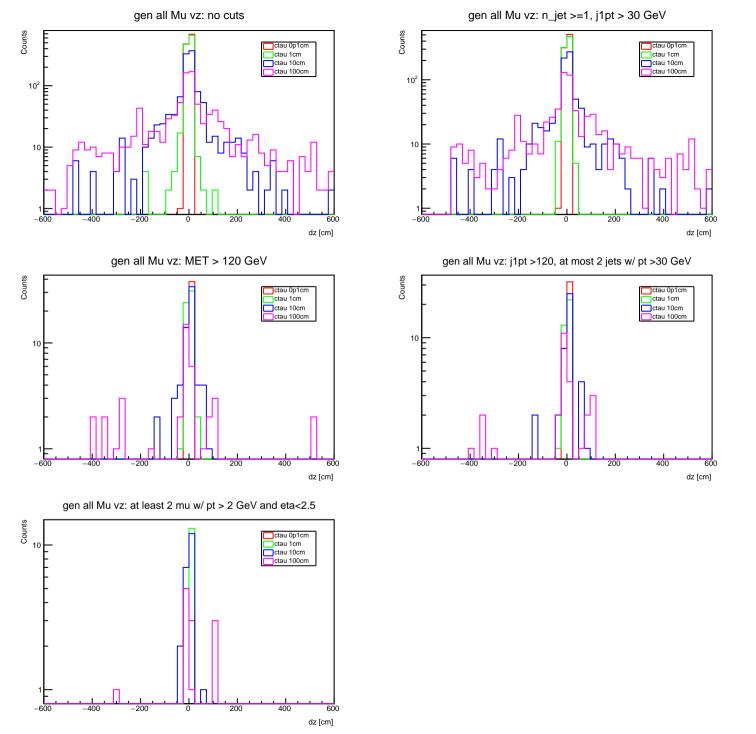


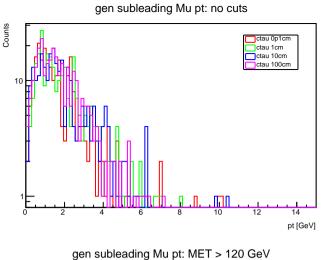


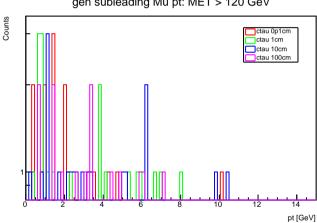


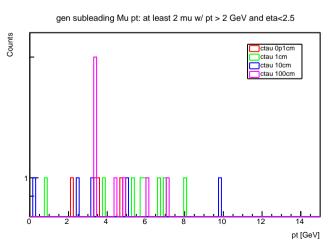


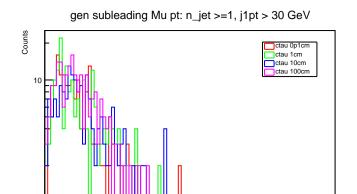


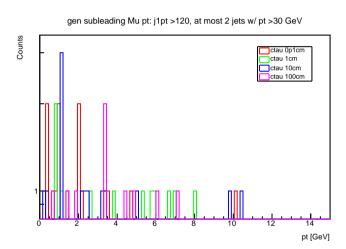




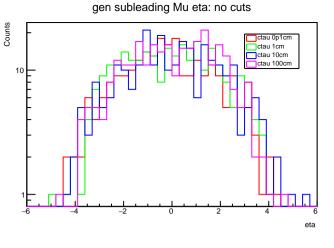


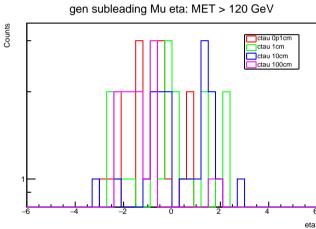


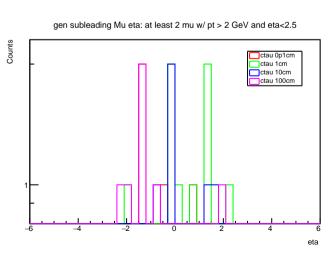


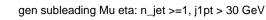


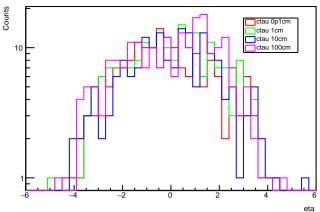
pt [GeV]



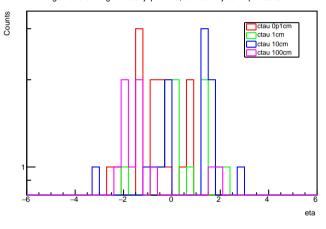


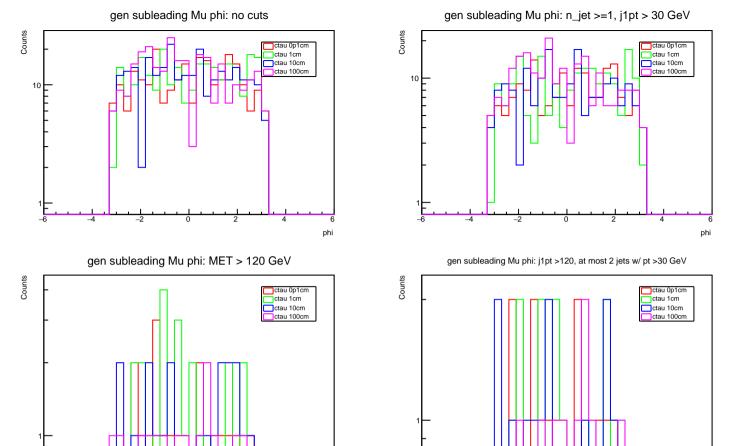




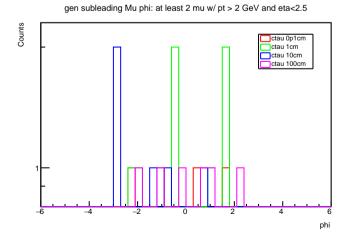


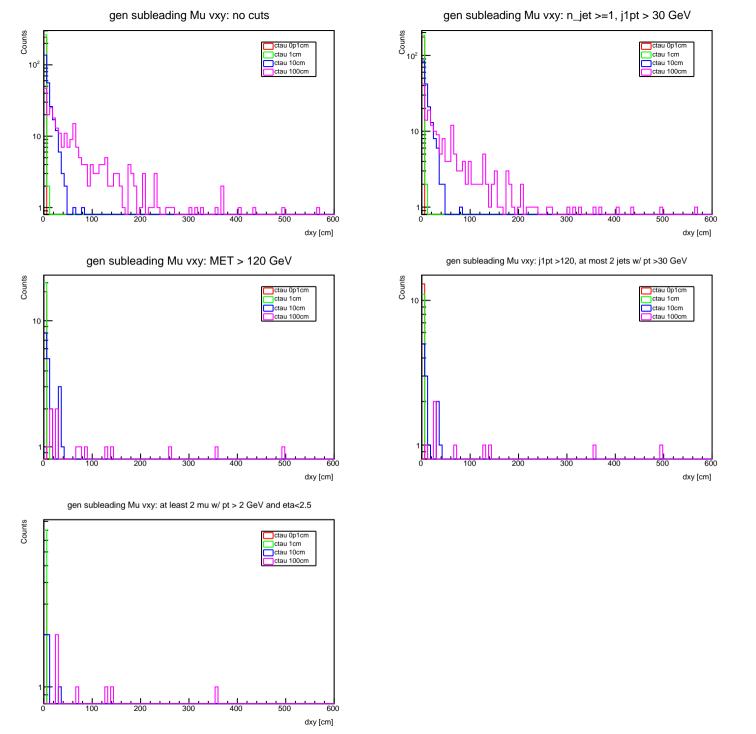
gen subleading Mu eta: j1pt >120, at most 2 jets w/ pt >30 GeV

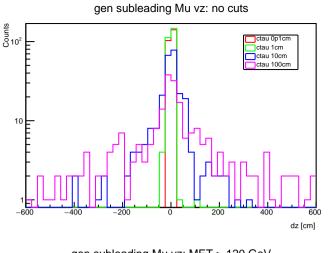


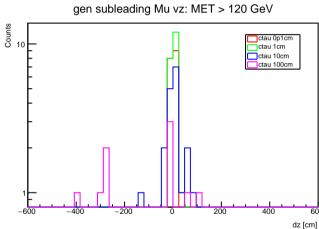


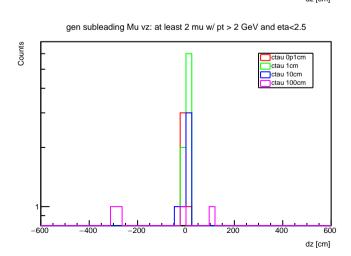
phi

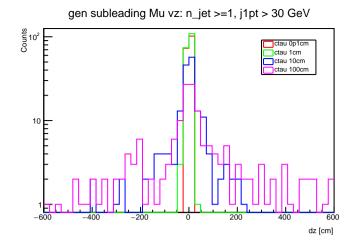


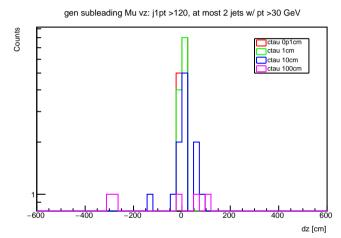


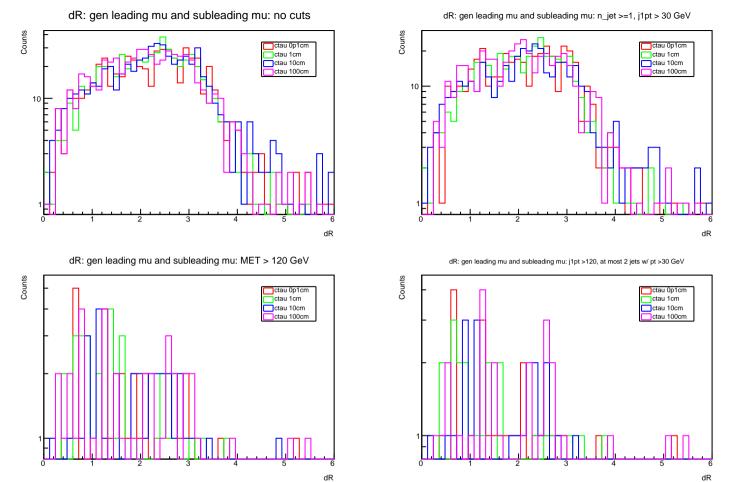


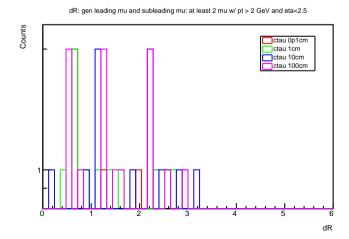


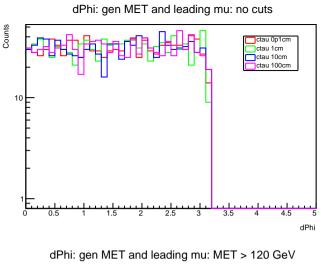


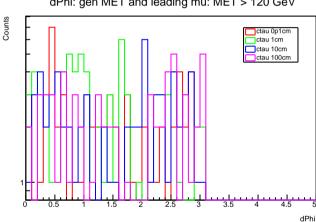


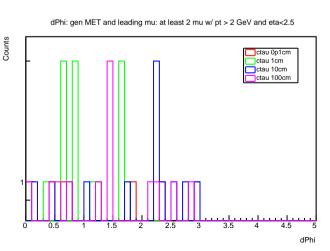


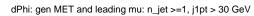


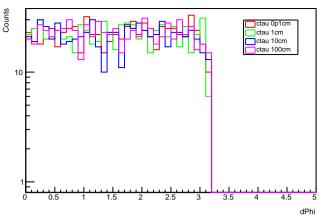




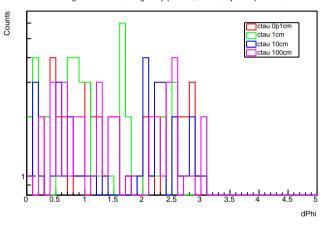


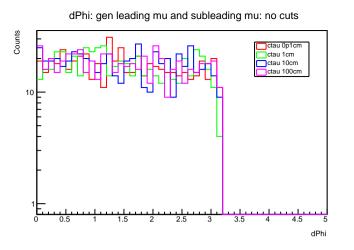




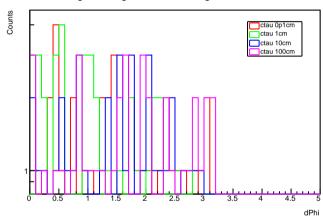


dPhi: gen MET and leading mu: j1pt >120, at most 2 jets w/ pt >30 GeV



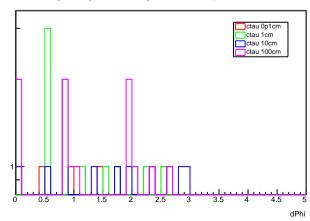




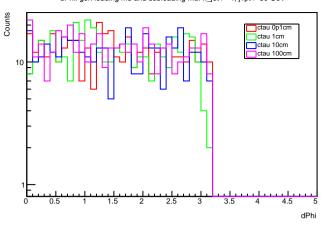


dPhi: gen leading mu and subleading mu: at least 2 mu w/ pt > 2 GeV and eta<2.5

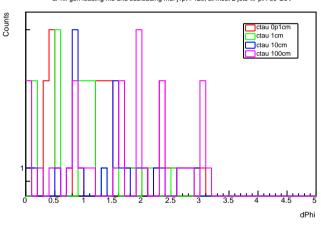
Counts

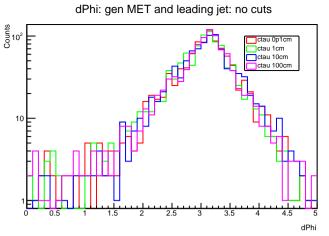


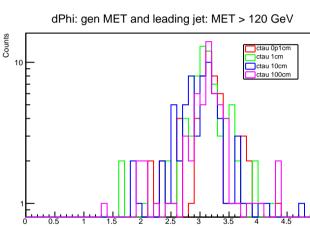
dPhi: gen leading mu and subleading mu: n_jet >=1, j1pt > 30 GeV

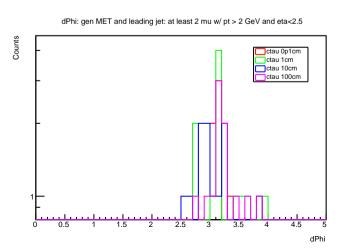


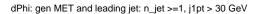
dPhi: gen leading mu and subleading mu: j1pt >120, at most 2 jets w/ pt >30 GeV

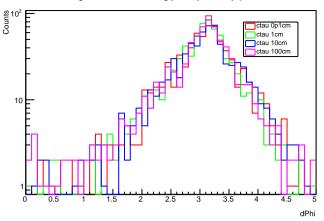




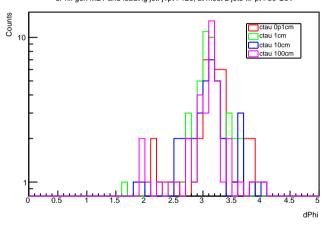


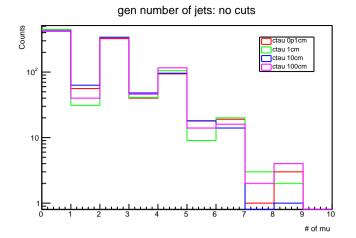


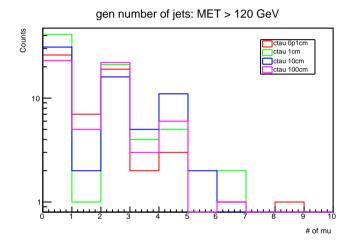


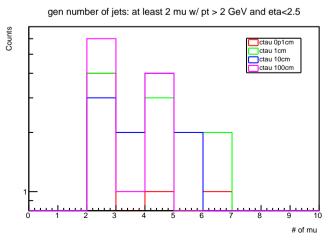


dPhi: gen MET and leading jet: j1pt >120, at most 2 jets w/ pt >30 GeV

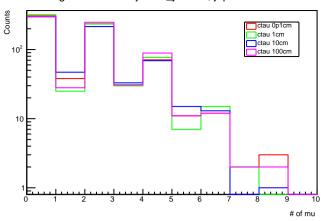




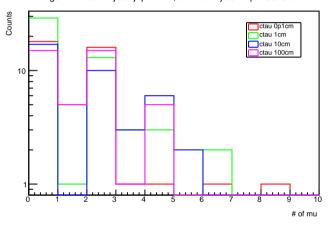


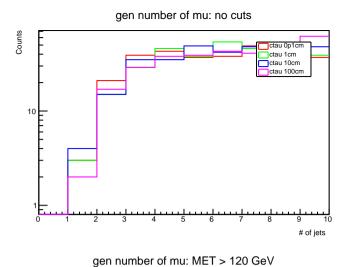




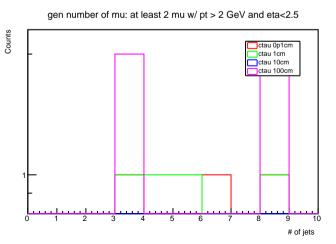


gen number of jets: j1pt >120, at most 2 jets w/ pt >30 GeV



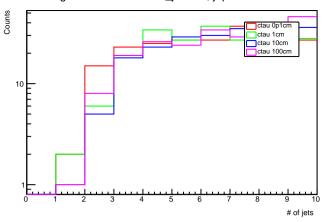




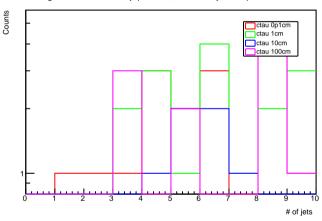


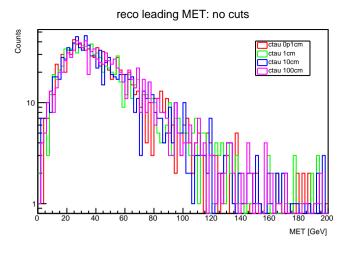
of jets

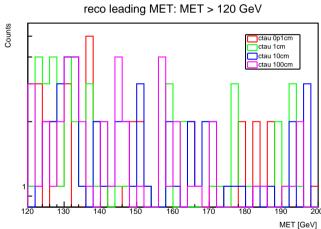


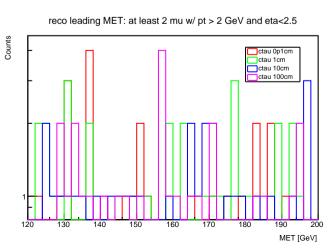


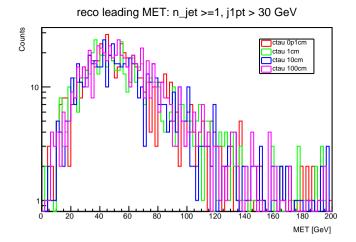
gen number of mu: j1pt >120, at most 2 jets w/ pt >30 GeV

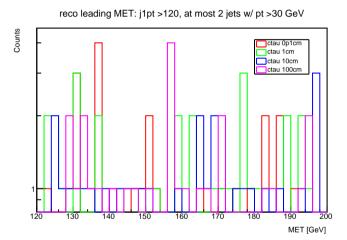


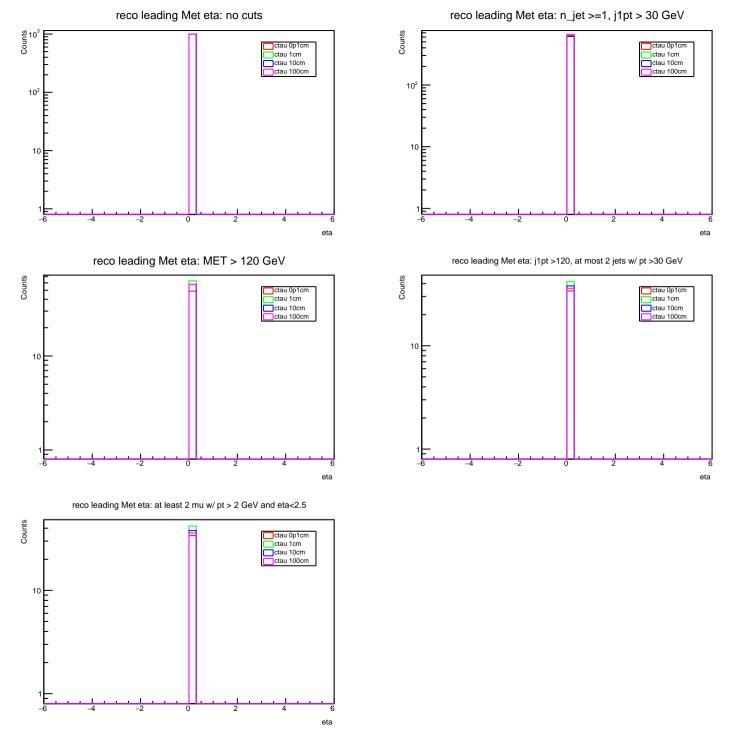


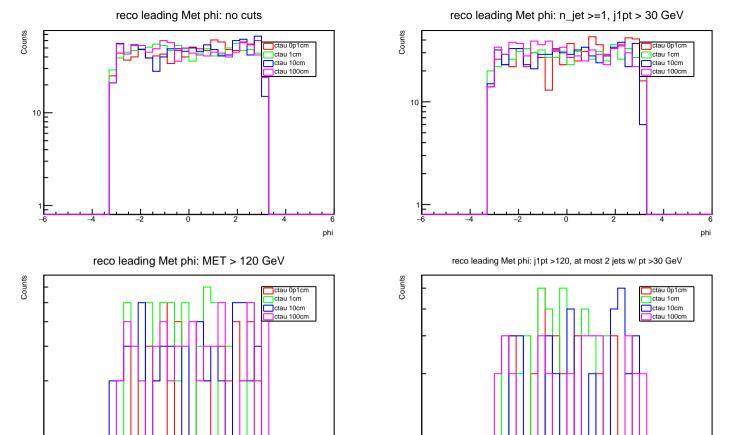




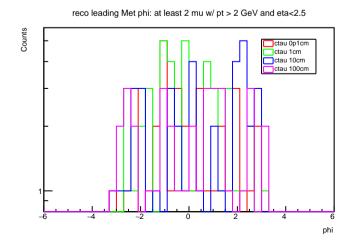


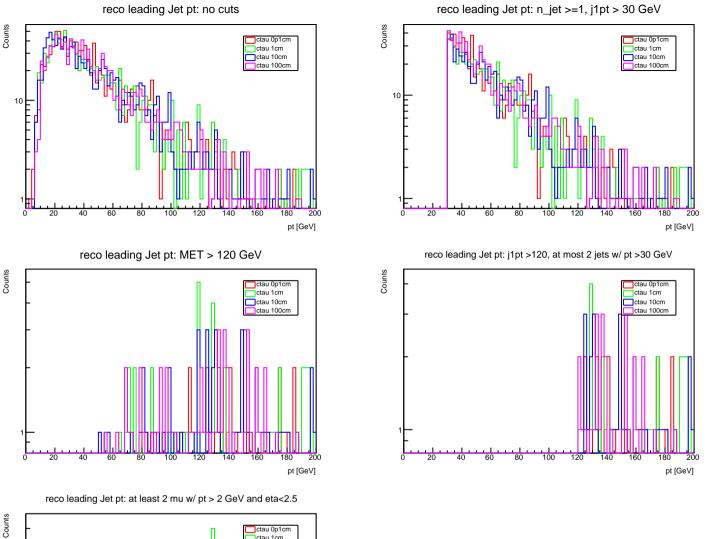


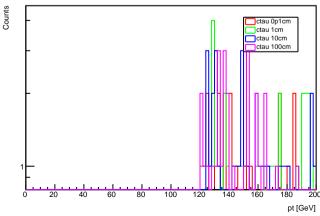


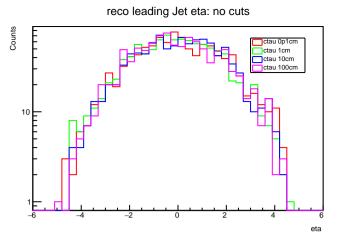


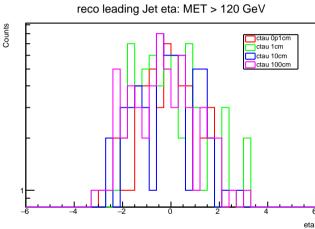
phi

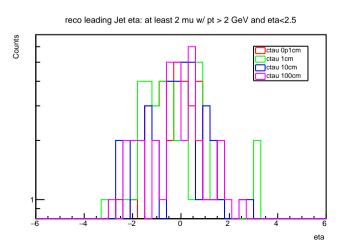




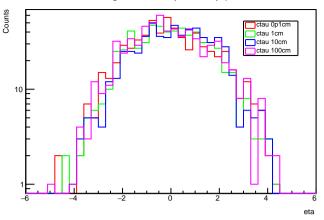




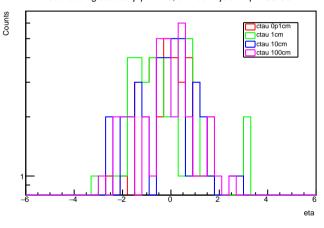


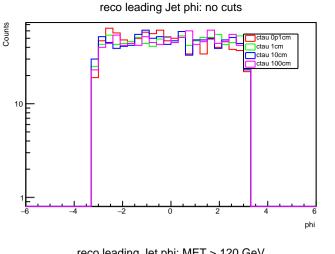


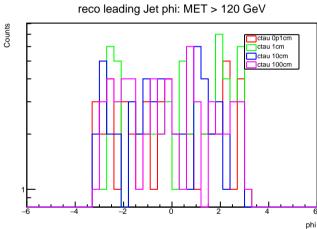


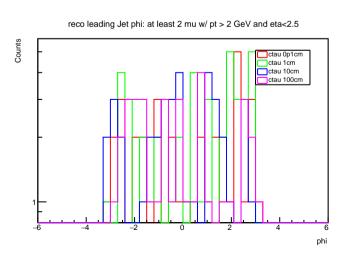


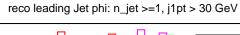
reco leading Jet eta: j1pt >120, at most 2 jets w/ pt >30 GeV

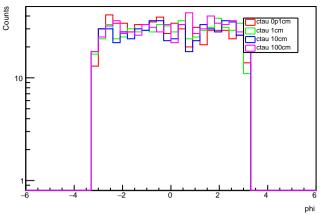




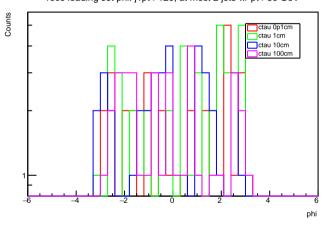


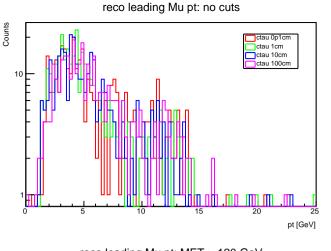


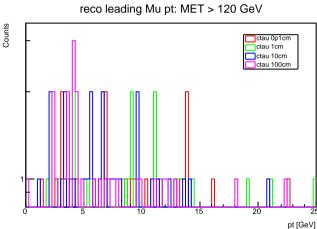


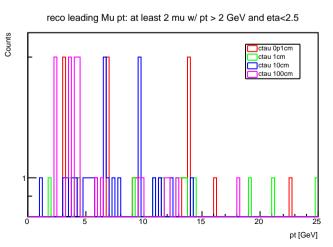


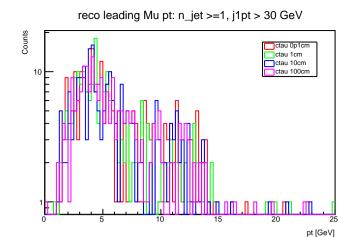
reco leading Jet phi: j1pt >120, at most 2 jets w/ pt >30 GeV

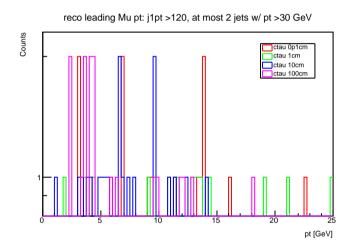


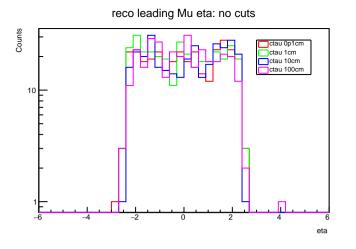


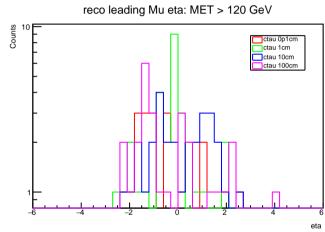


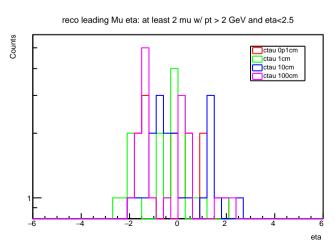




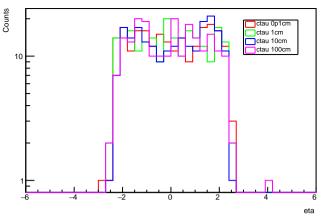




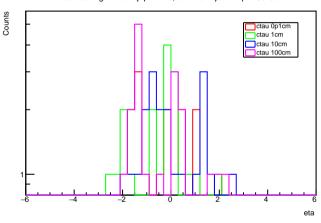


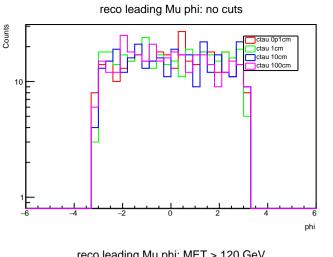


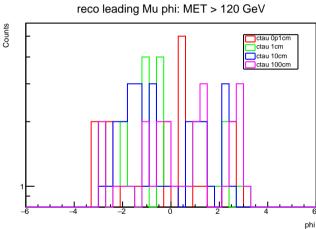


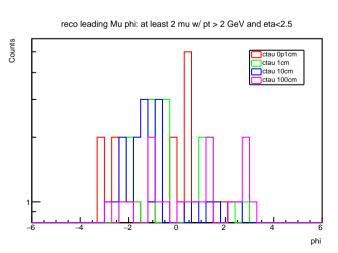


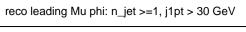
reco leading Mu eta: j1pt >120, at most 2 jets w/ pt >30 GeV

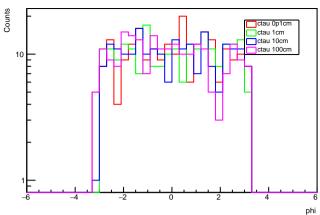




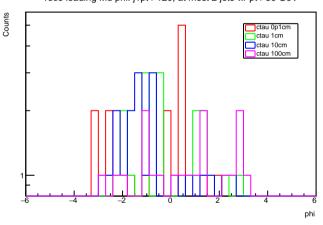


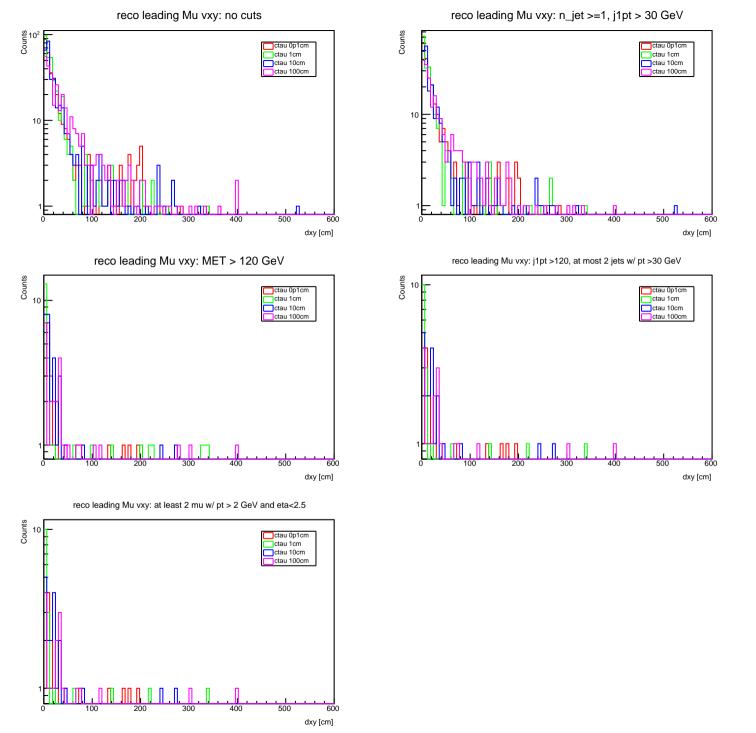


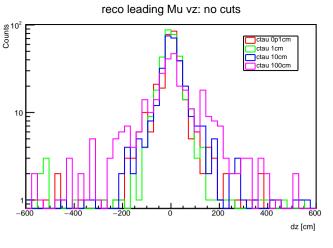


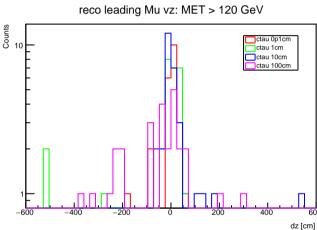


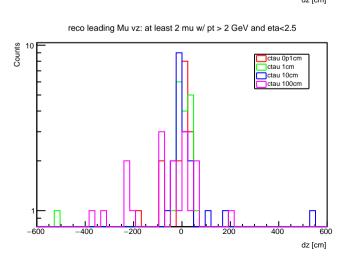
reco leading Mu phi: j1pt >120, at most 2 jets w/ pt >30 GeV

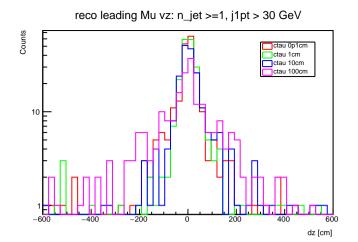


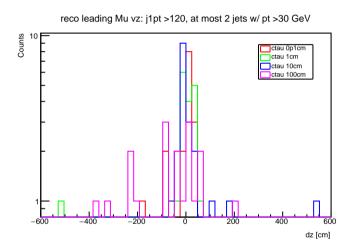


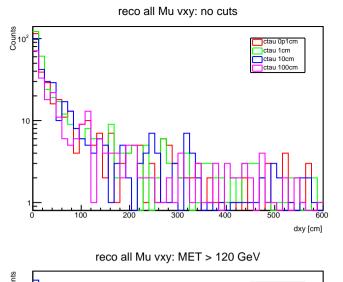


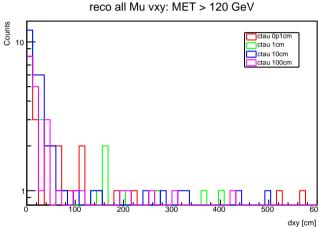


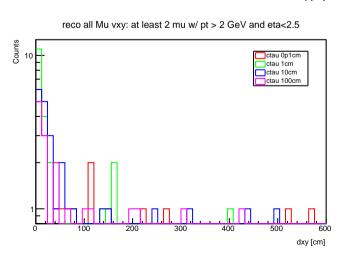


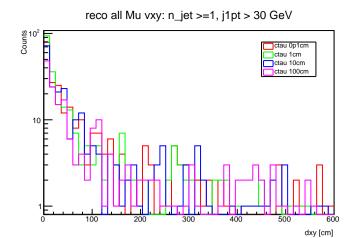


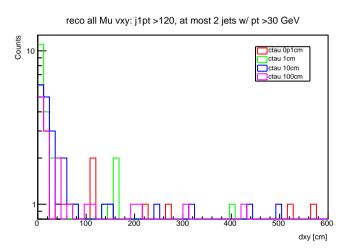


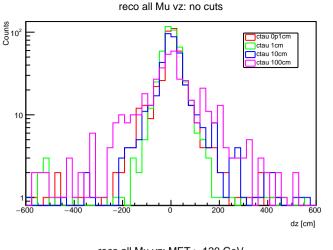


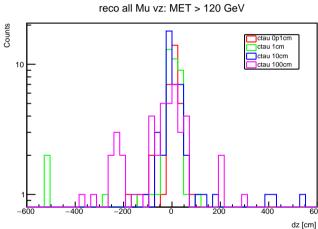


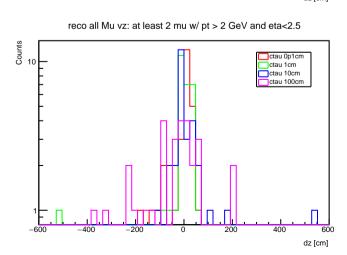


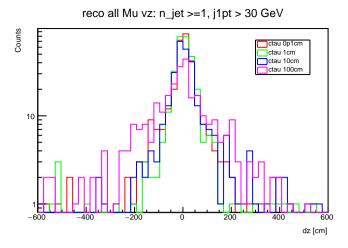


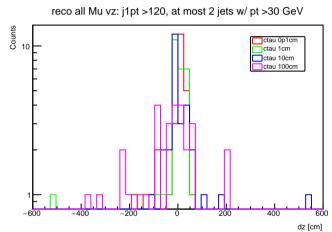


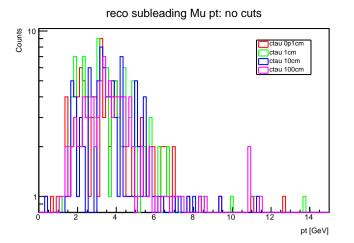


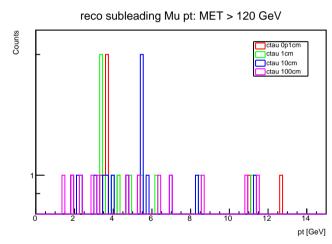


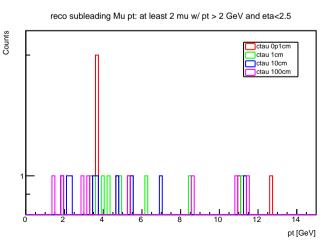


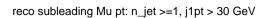


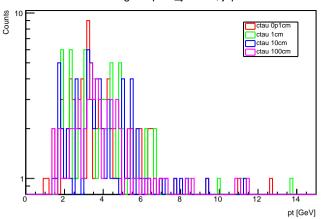




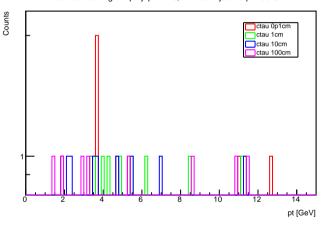


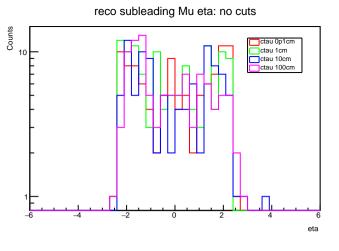


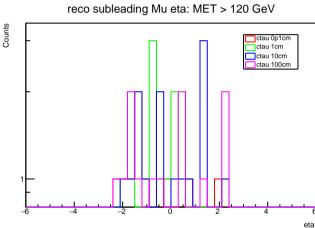


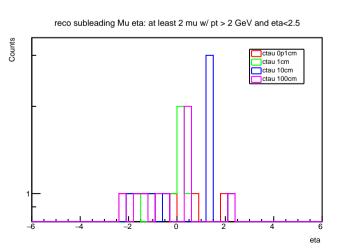


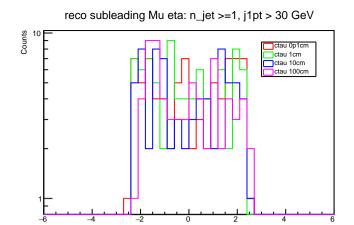
reco subleading Mu pt: j1pt >120, at most 2 jets w/ pt >30 GeV



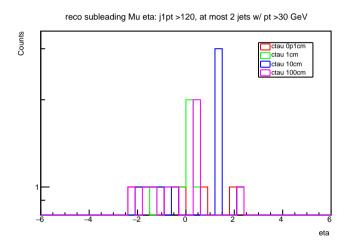


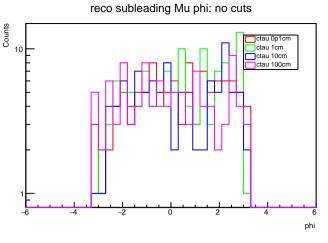


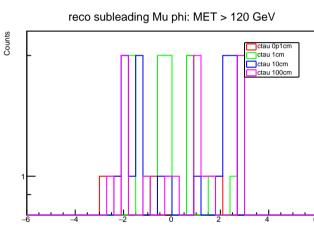


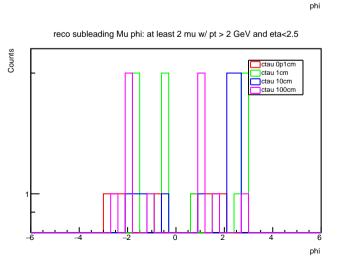


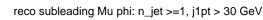
eta

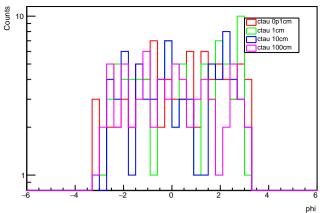




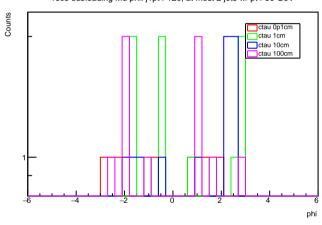


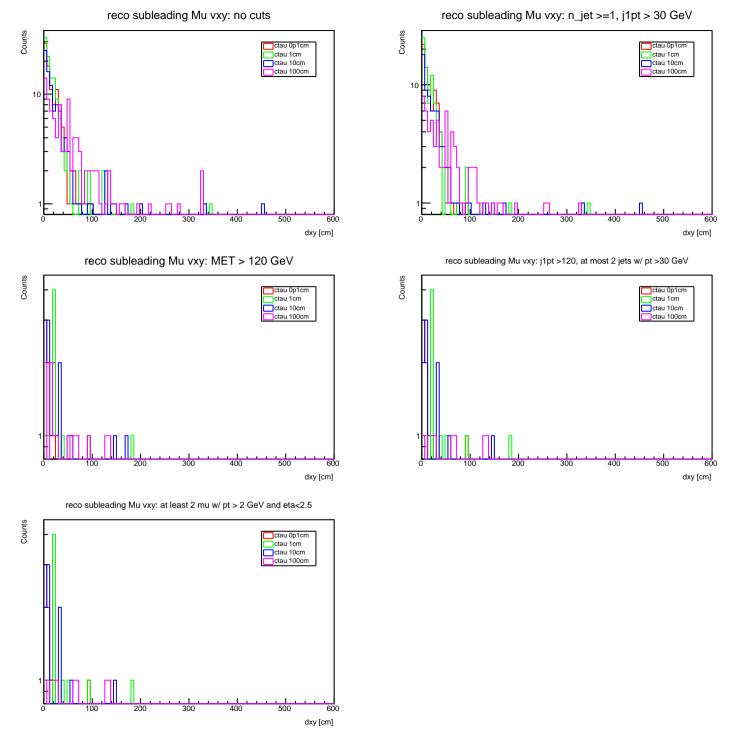


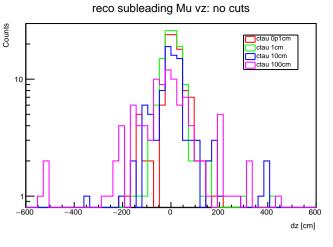


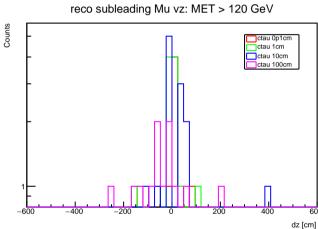


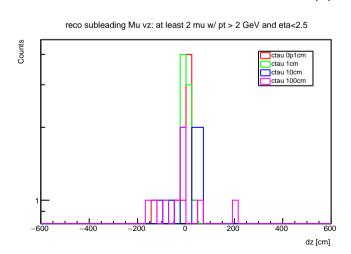
reco subleading Mu phi: j1pt >120, at most 2 jets w/ pt >30 GeV

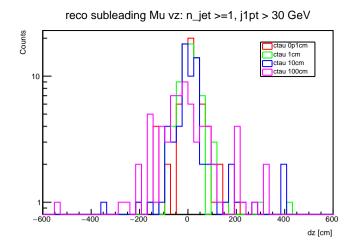


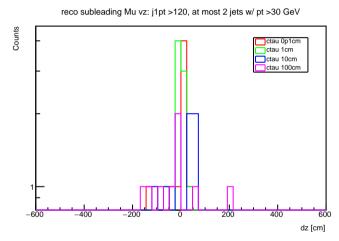


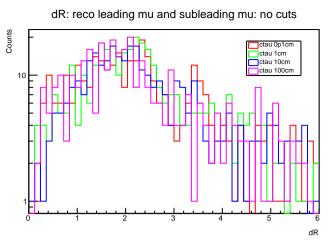




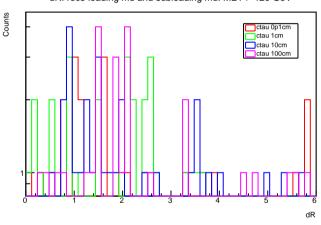




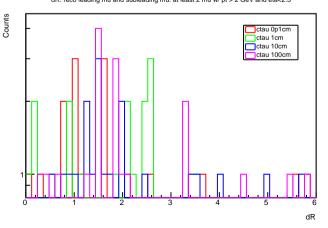




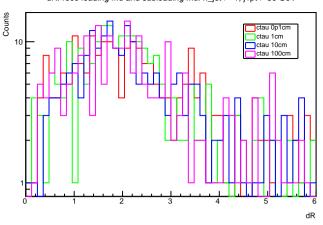




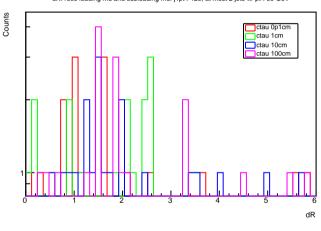
dR: reco leading mu and subleading mu: at least 2 mu w/ pt > 2 GeV and eta<2.5

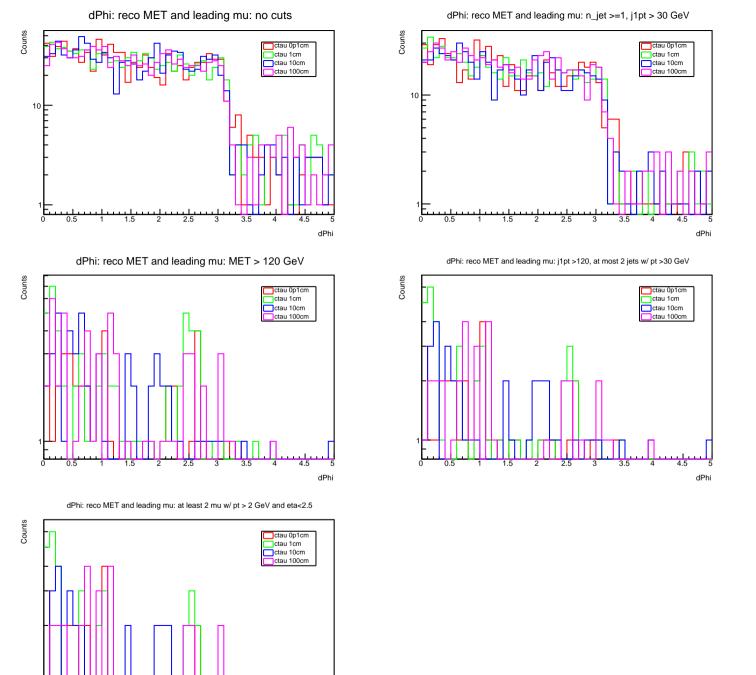


dR: reco leading mu and subleading mu: n_jet >=1, j1pt > 30 GeV

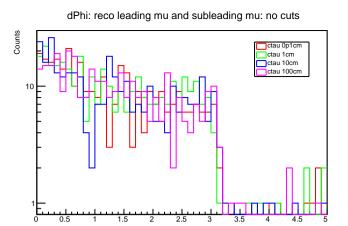


dR: reco leading mu and subleading mu: j1pt >120, at most 2 jets w/ pt >30 GeV



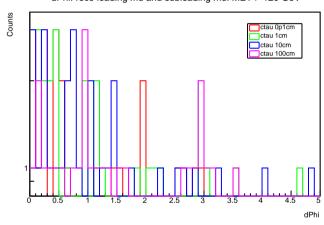


dPhi

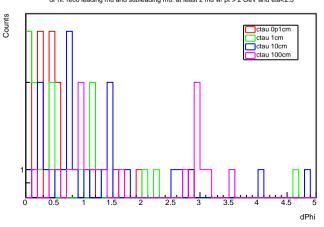


dPhi: reco leading mu and subleading mu: MET > 120 GeV

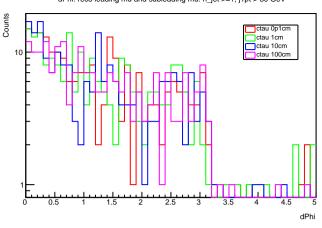
dPhi



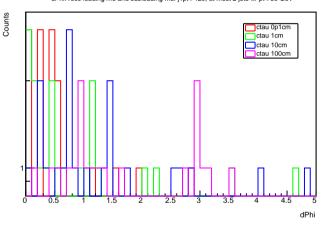
dPhi: reco leading mu and subleading mu: at least 2 mu w/ pt > 2 GeV and eta<2.5

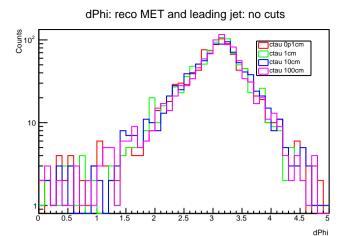


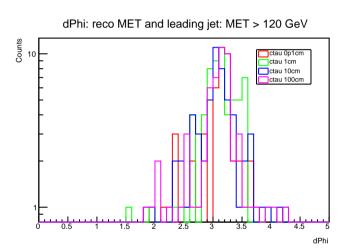
dPhi: reco leading mu and subleading mu: n_jet >=1, j1pt > 30 GeV

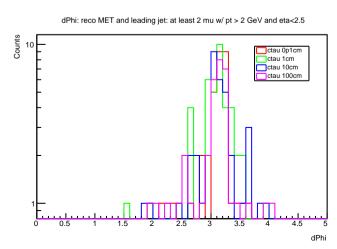


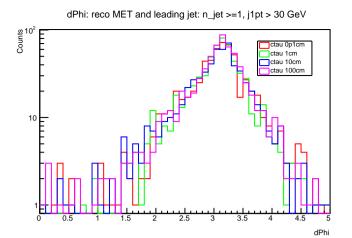
dPhi: reco leading mu and subleading mu: j1pt >120, at most 2 jets w/ pt >30 GeV

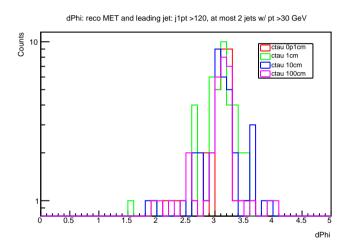


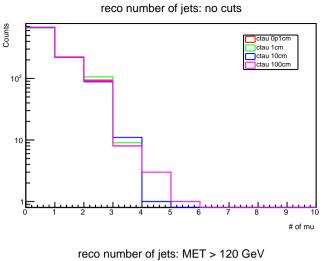


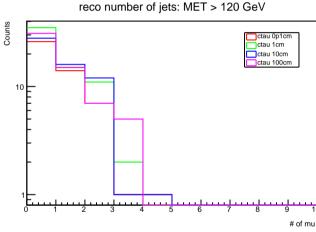


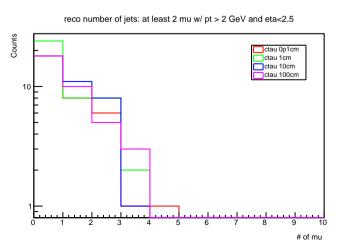


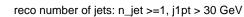


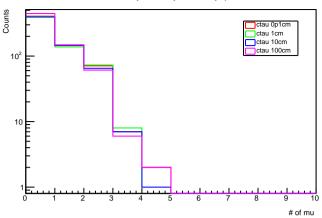




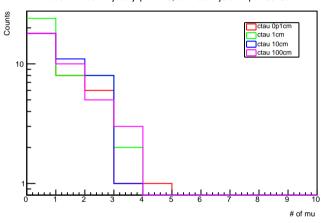


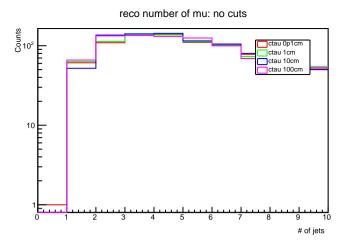


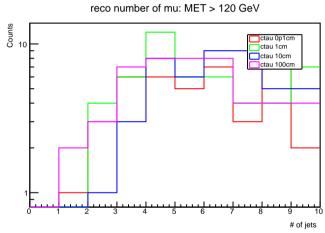


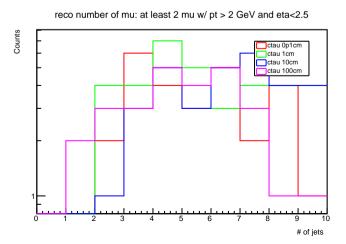


reco number of jets: j1pt >120, at most 2 jets w/ pt >30 GeV

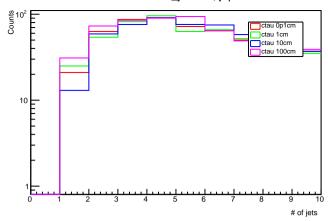




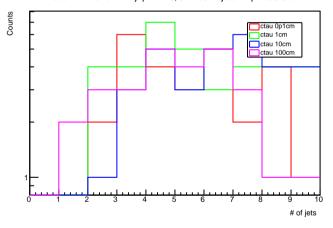


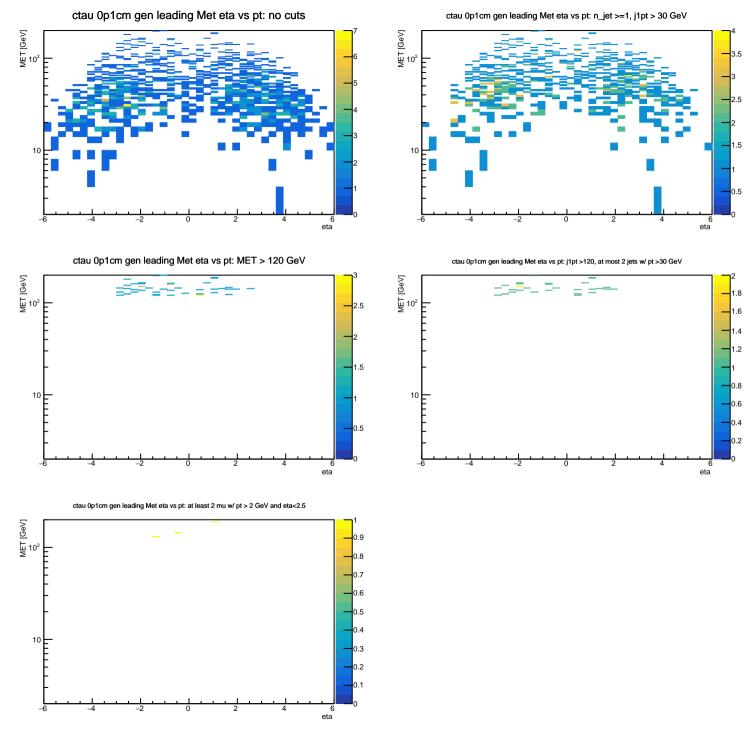


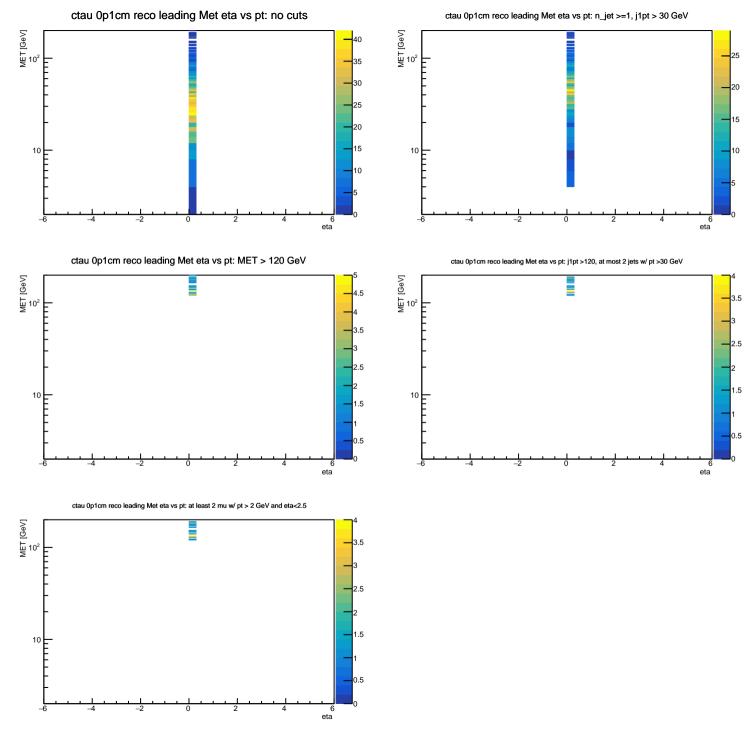


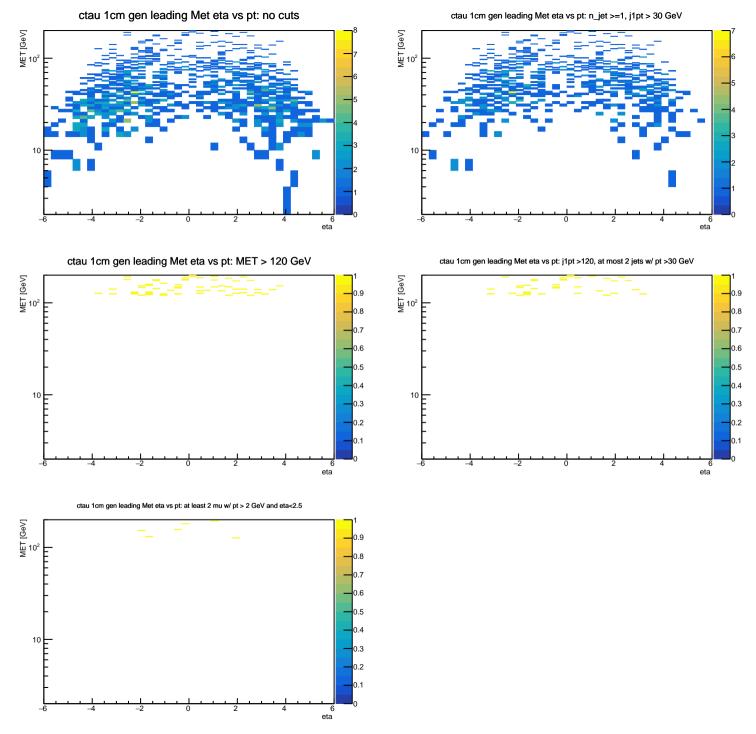


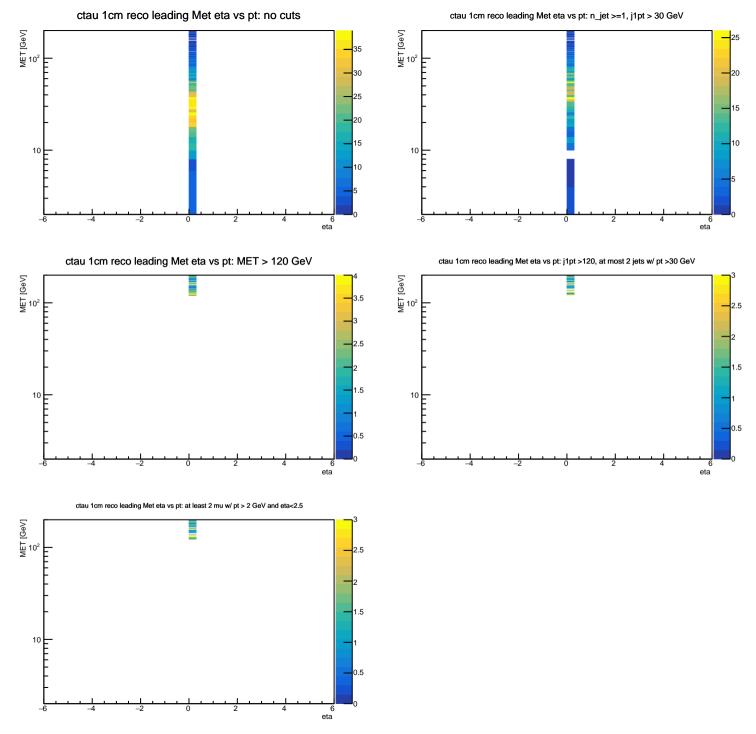
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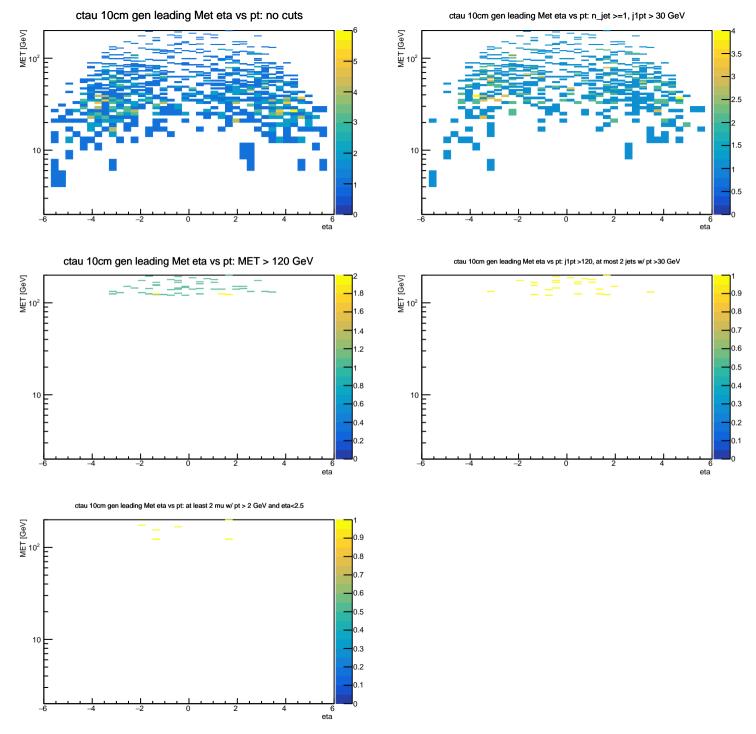


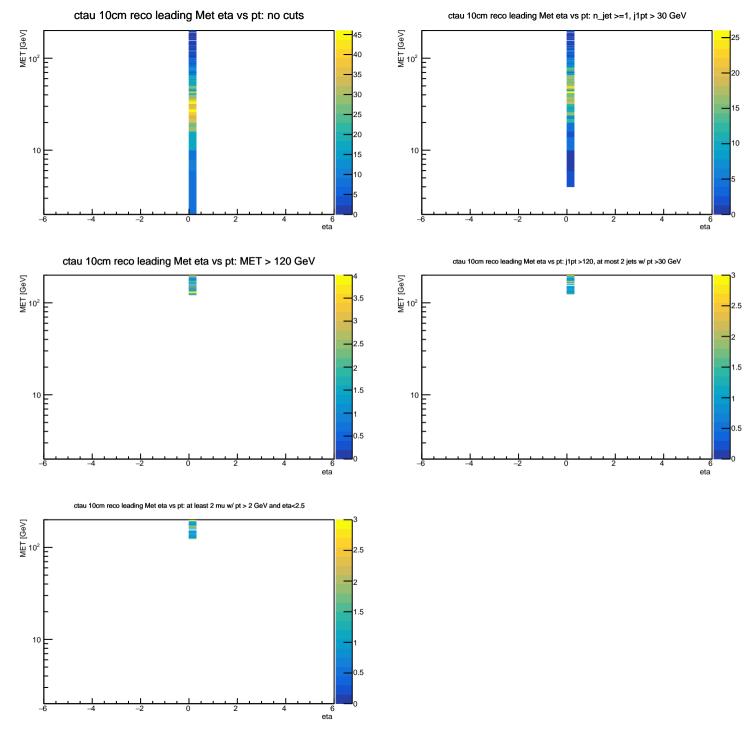


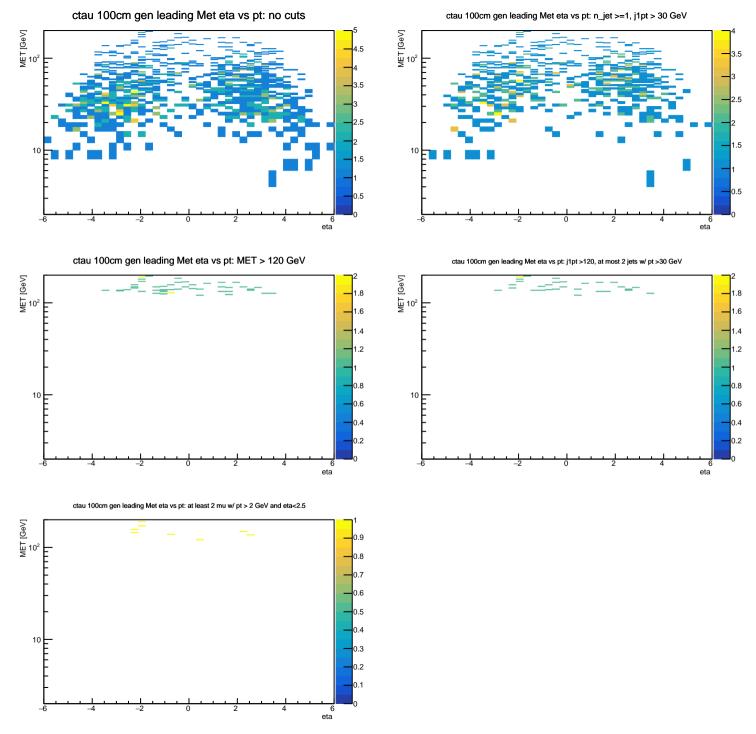


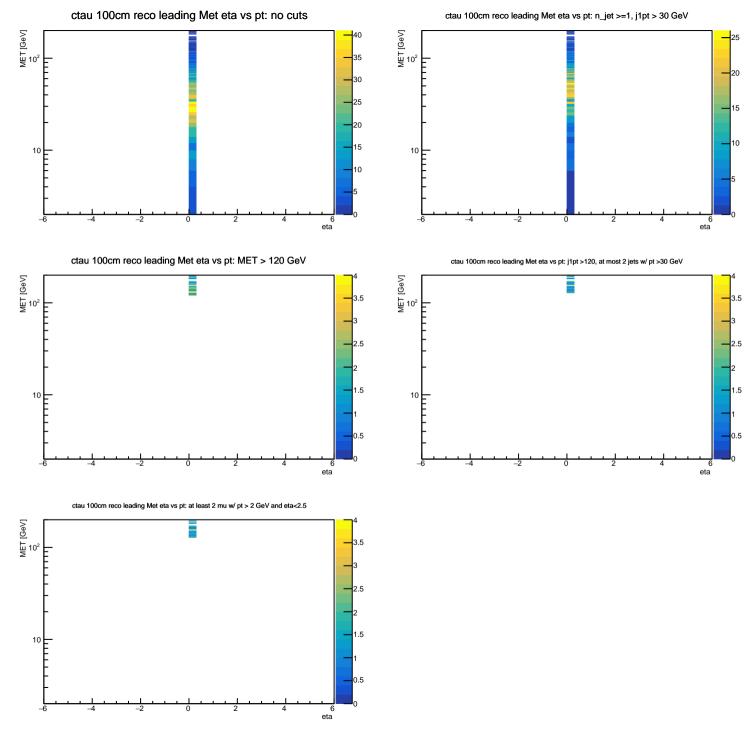






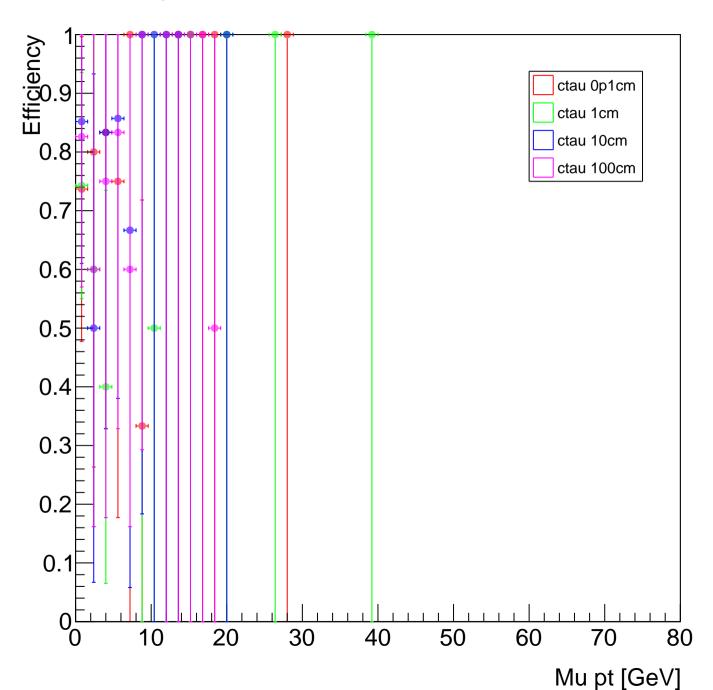


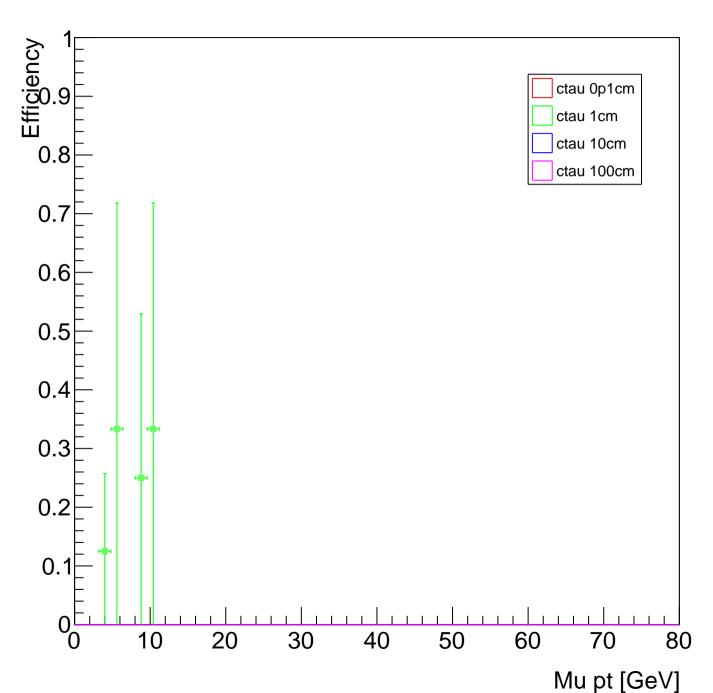


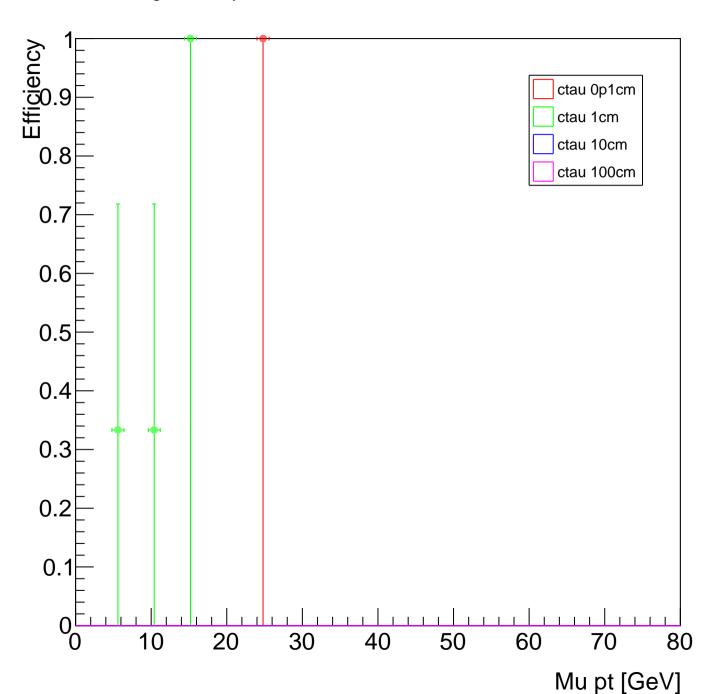




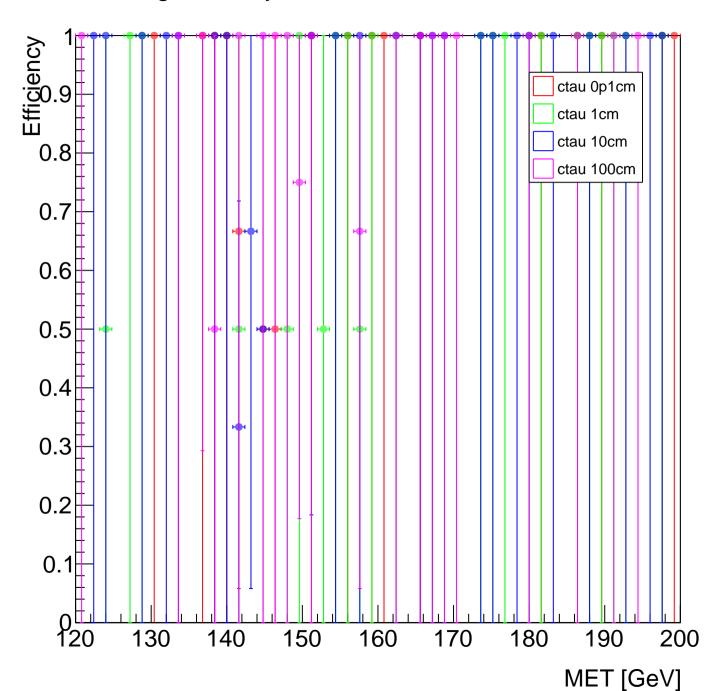
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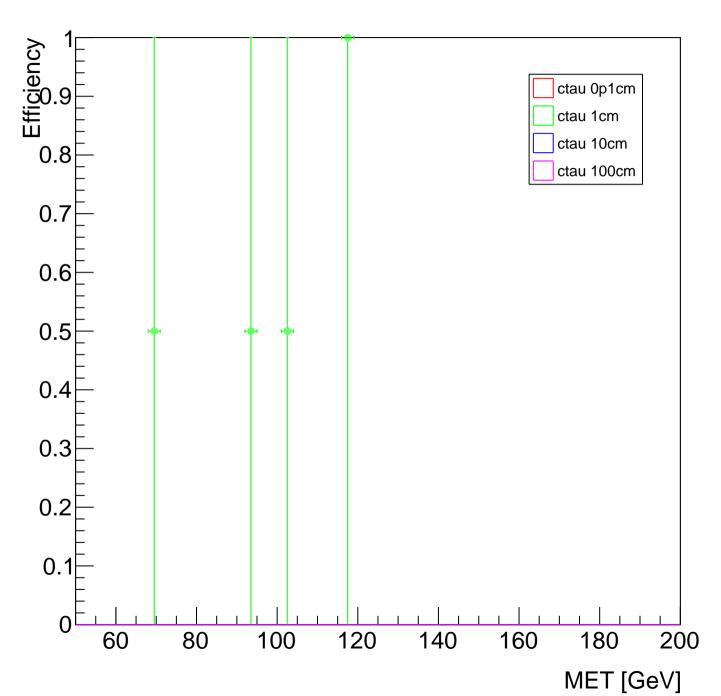


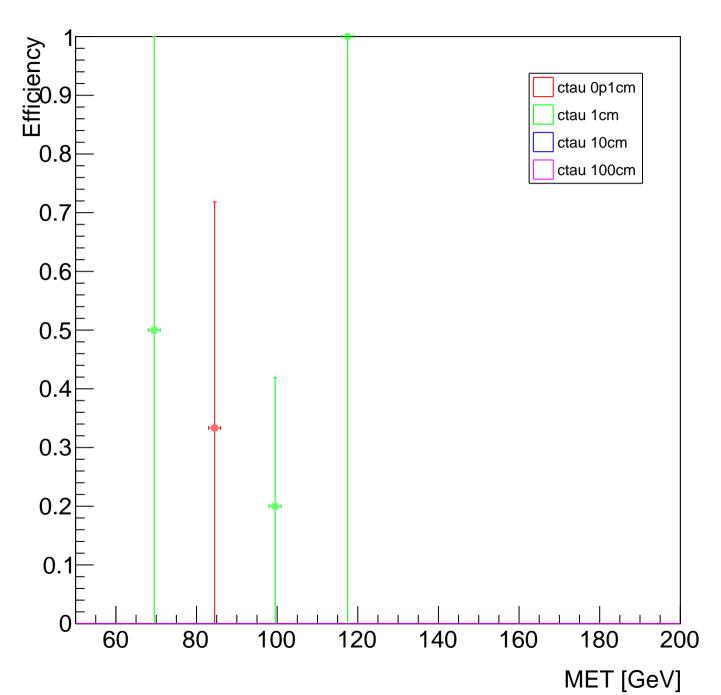




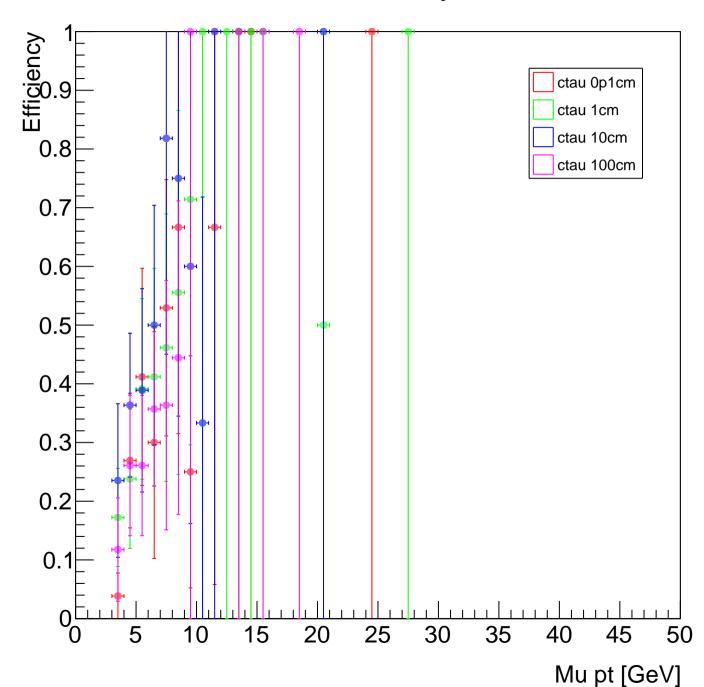
trigefficiency HLT_PFMET120_PFMHT120



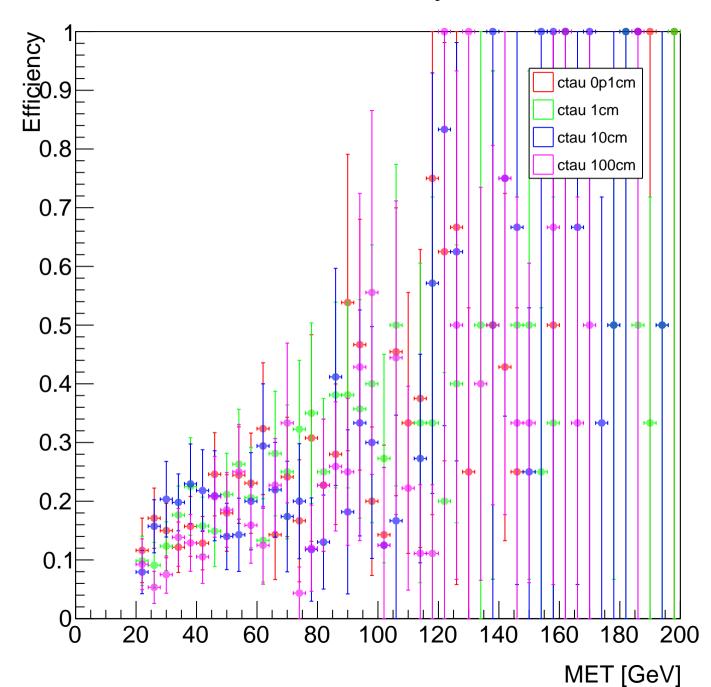




recoefficiency mu



recoefficiency met



recoefficiency met

