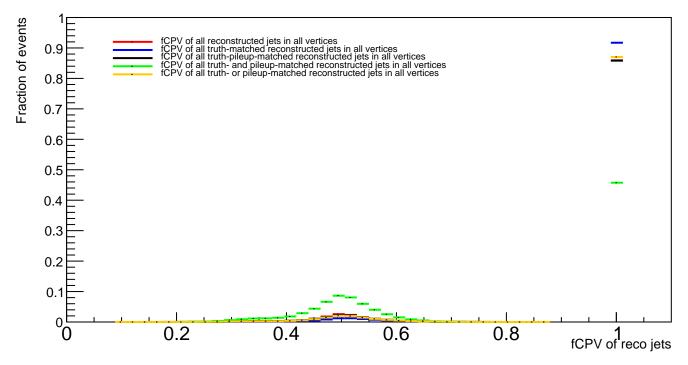
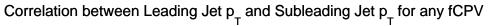
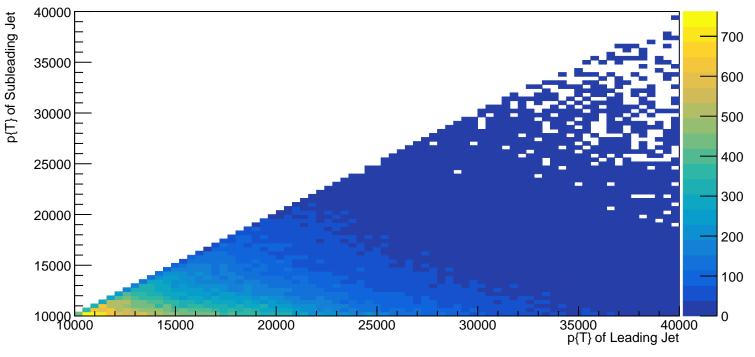
## fCPV of all reconstructed jets in all vertices



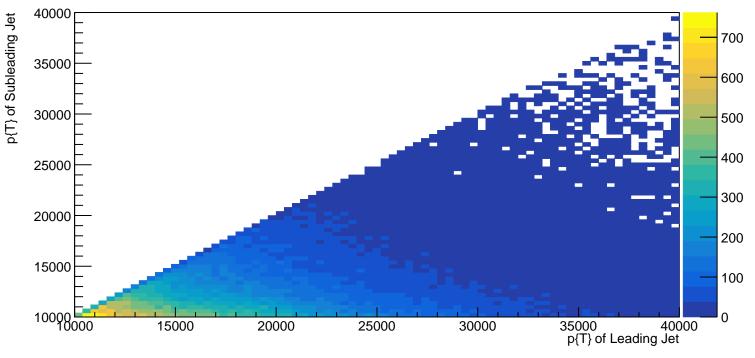
Filled with fCPV of reco jets, categorised by to what extent they are matched





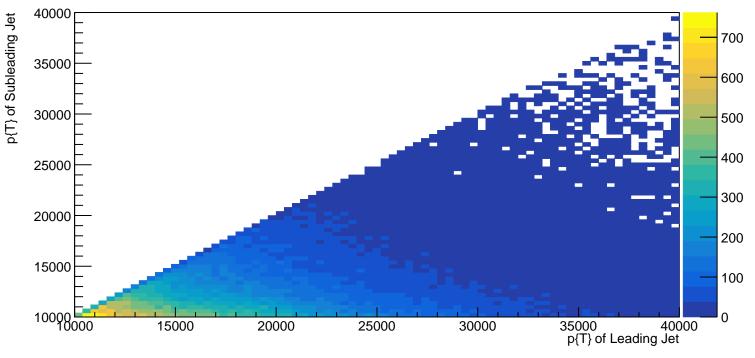
For double matched (GPV / Pileup) reco jets of any fCPV: Filled with the leading vs subleading matched jet pT

Correlation between Leading Jet  $p_{_{\rm T}}$  and Subleading Jet  $p_{_{\rm T}}$  for fCPV = 1

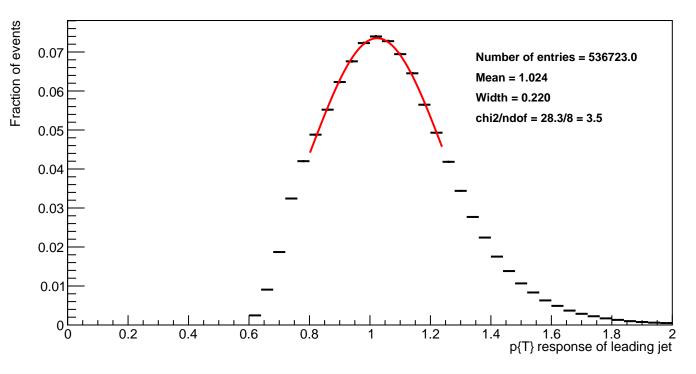


For double matched (GPV / Pileup) reco jets of fCPV = 1: Filled with the leading vs subleading matched jet pT

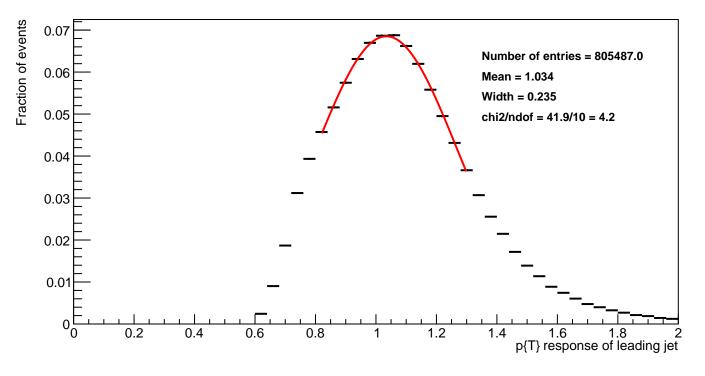
Correlation between Leading Jet  $p_{_{\rm T}}$  and Subleading Jet  $p_{_{\rm T}}$  for fCPV < 1



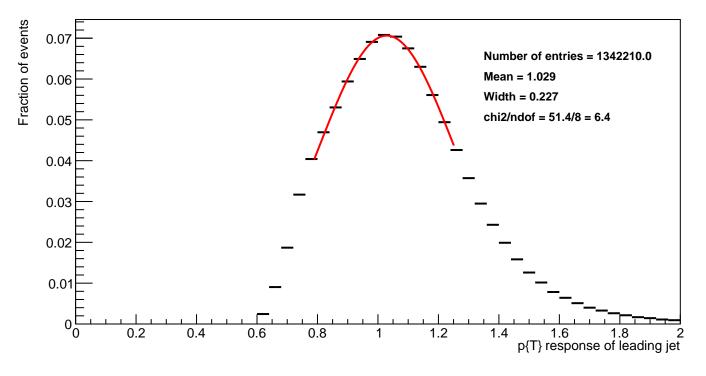
For double matched (GPV / Pileup) reco jets of fCPV < 1: Filled with the leading vs subleading matched jet pT



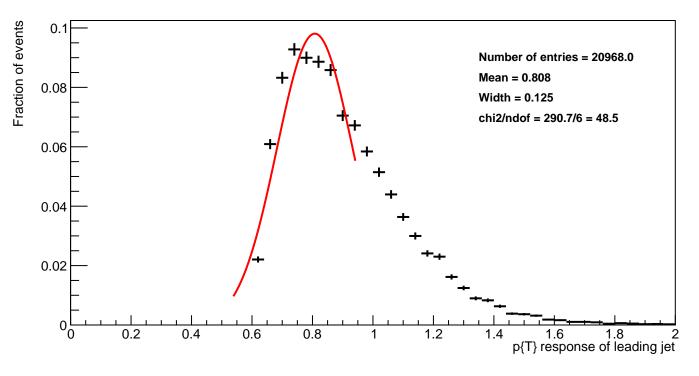
Filled with the pT response of only GPV-matched reco jets of any fCPV - Range: 20000.0-25000.0 MeV



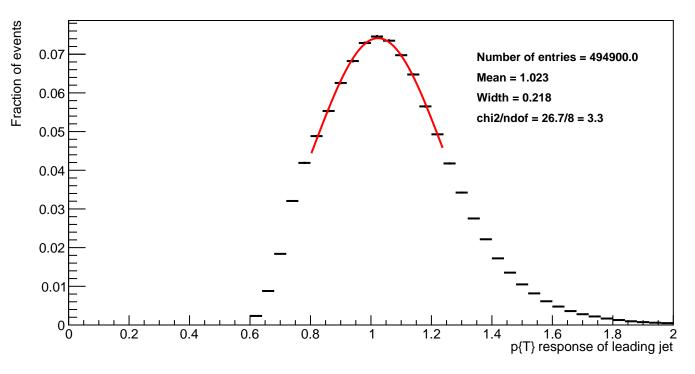
Filled with the pT response of only pileup-matched reco jets of any fCPV - Range: 20000.0-25000.0 MeV



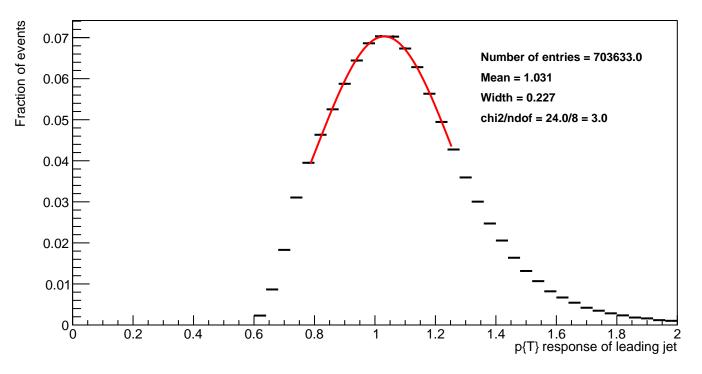
Filled with the pT response of single-matched (either GPV or pileup) reco jets of any fCPV - Range: 20000.0-25000.0 MeV



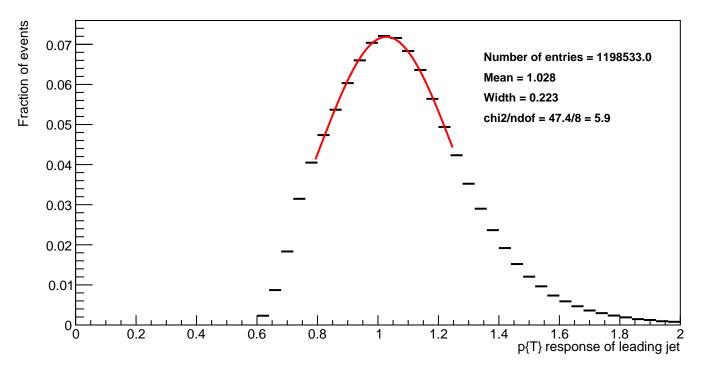
Filled with the pT response of double-matched reco jets of any fCPV - Range: 20000.0-25000.0 MeV



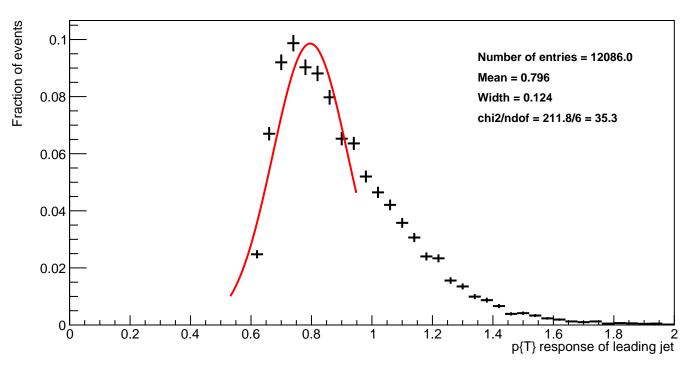
Filled with the pT response of only GPV-matched reco jets of fCPV = 1 - Range: 20000.0-25000.0 MeV



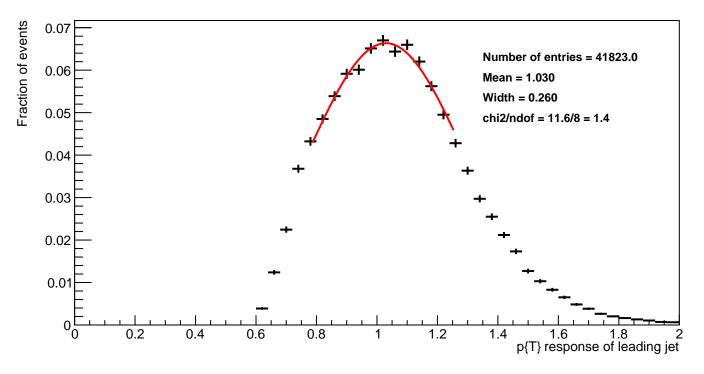
Filled with the pT response of only pileup-matched reco jets of fCPV = 1 - Range: 20000.0-25000.0 MeV



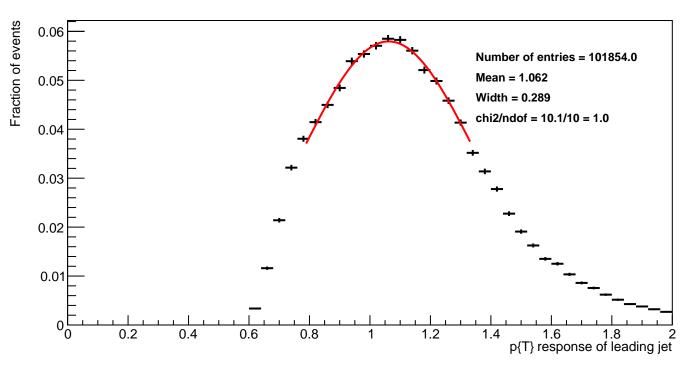
Filled with the pT response of single-matched (either GPV or pileup) reco jets of fCPV = 1 - Range: 20000.0-25000.0 MeV



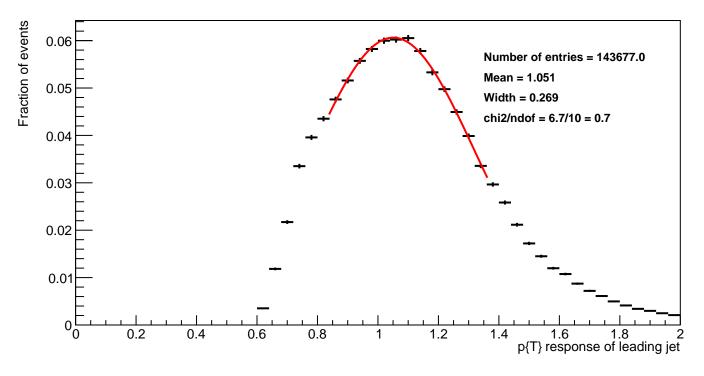
Filled with the pT response of double-matched reco jets of fCPV = 1 - Range: 20000.0-25000.0 MeV



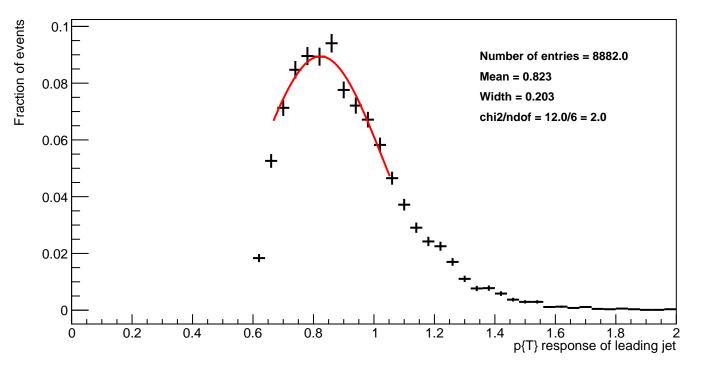
Filled with the pT response of only GPV-matched reco jets of fCPV < 1 - Range: 20000.0-25000.0 MeV



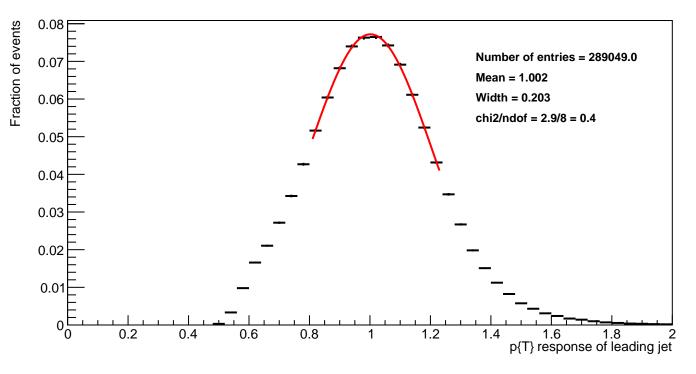
Filled with the pT response of only pileup-matched reco jets of fCPV < 1 - Range: 20000.0-25000.0 MeV



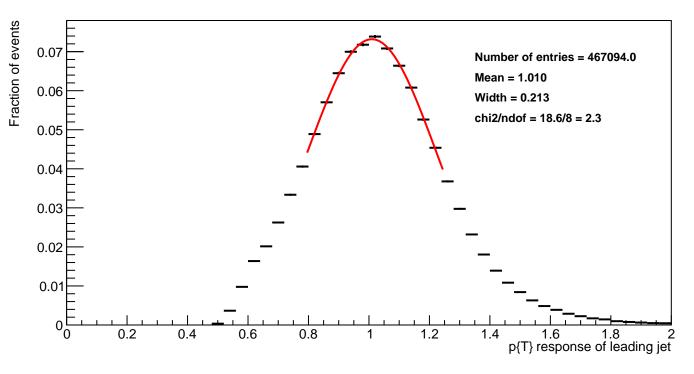
Filled with the pT response of single-matched (either GPV or pileup) reco jets of fCPV < 1 - Range: 20000.0-25000.0 MeV



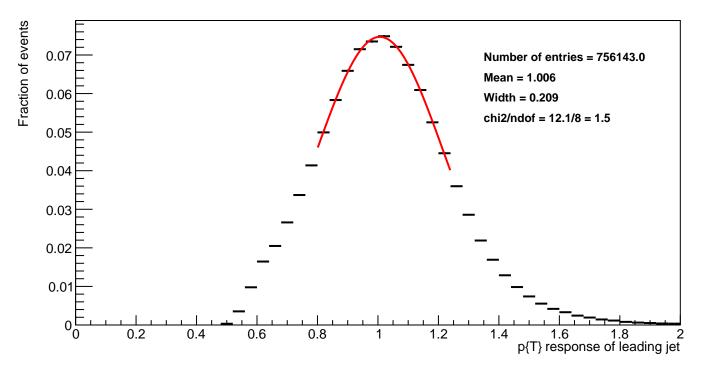
Filled with the pT response of double-matched reco jets of fCPV < 1 - Range: 20000.0-25000.0 MeV



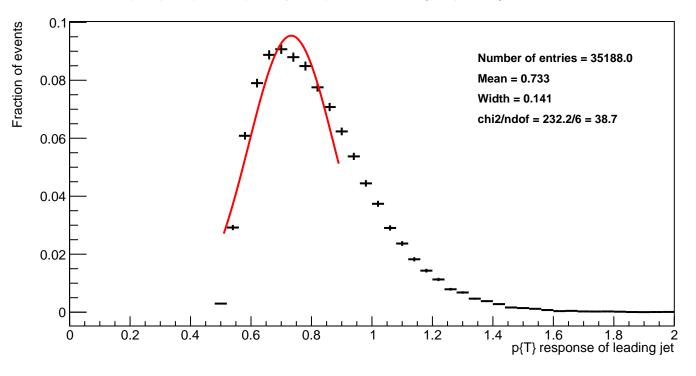
Filled with the pT response of only GPV-matched reco jets of any fCPV - Range: 25000.0-30000.0 MeV



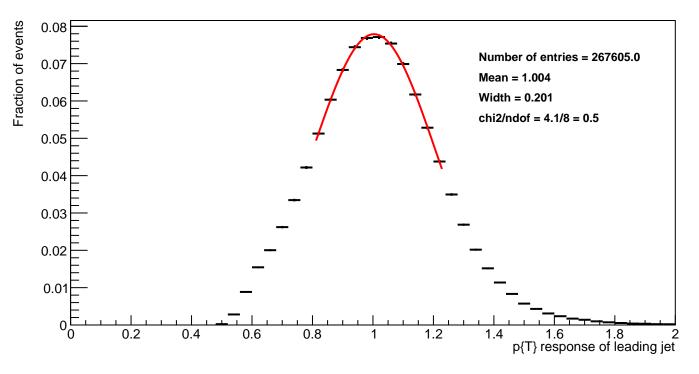
Filled with the pT response of only pileup-matched reco jets of any fCPV - Range: 25000.0-30000.0 MeV



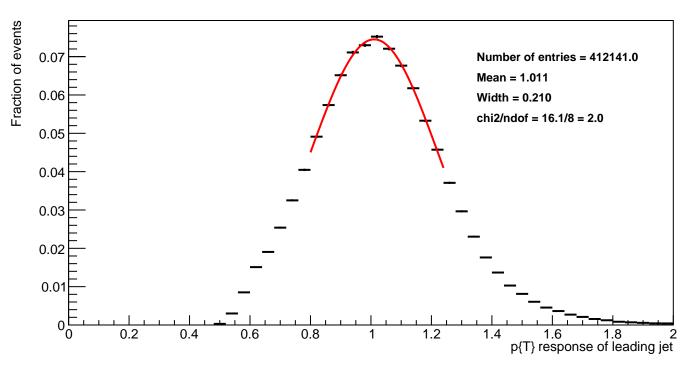
Filled with the pT response of single-matched (either GPV or pileup) reco jets of any fCPV - Range: 25000.0-30000.0 MeV



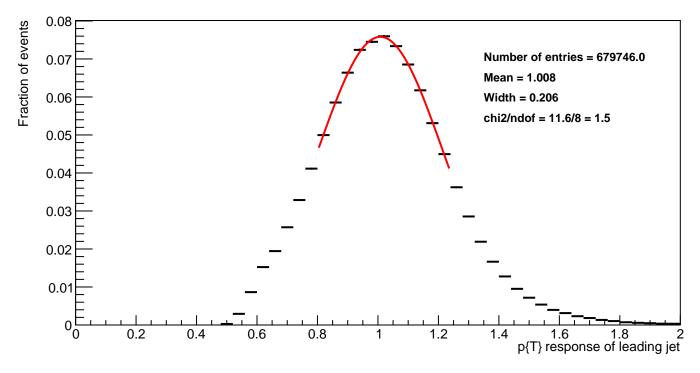
Filled with the pT response of double-matched reco jets of any fCPV - Range: 25000.0-30000.0 MeV



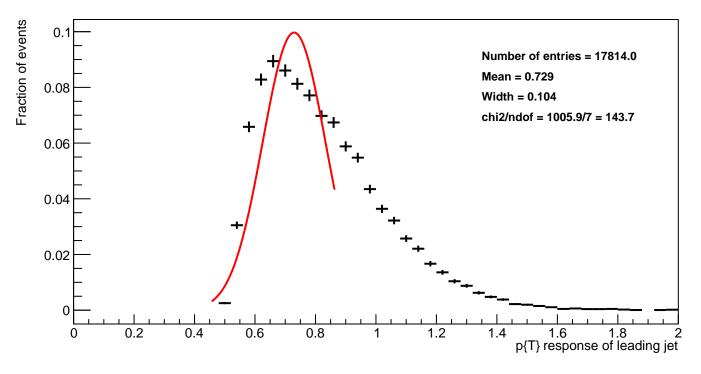
Filled with the pT response of only GPV-matched reco jets of fCPV = 1 - Range: 25000.0-30000.0 MeV



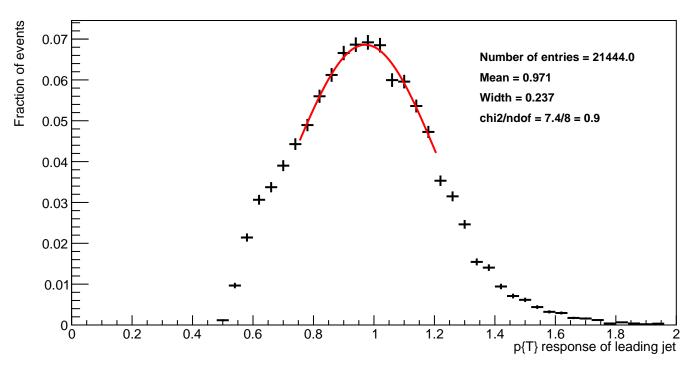
Filled with the pT response of only pileup-matched reco jets of fCPV = 1 - Range: 25000.0-30000.0 MeV



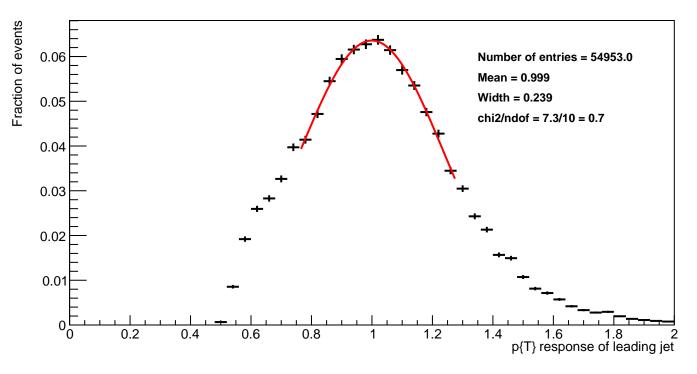
Filled with the pT response of single-matched (either GPV or pileup) reco jets of fCPV = 1 - Range: 25000.0-30000.0 MeV



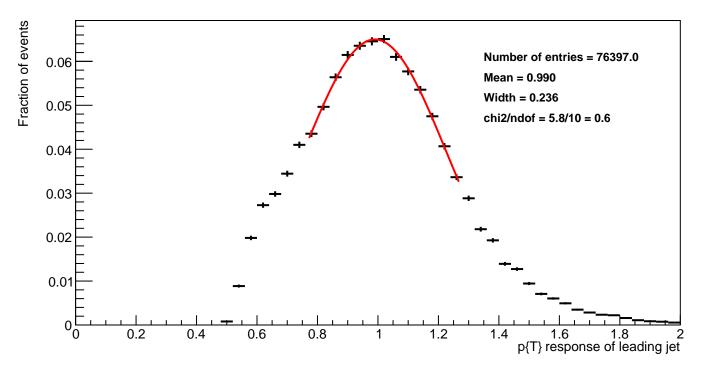
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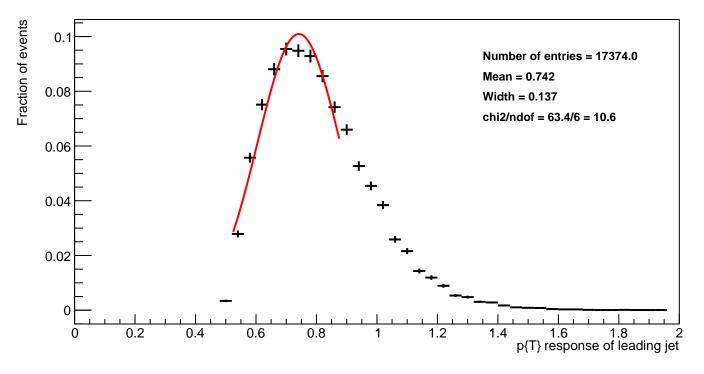
Filled with the pT response of only GPV-matched reco jets of fCPV < 1 - Range: 25000.0-30000.0 MeV



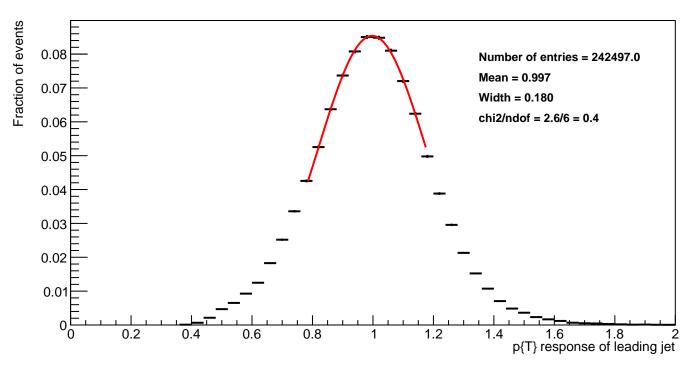
Filled with the pT response of only pileup-matched reco jets of fCPV < 1 - Range: 25000.0-30000.0 MeV



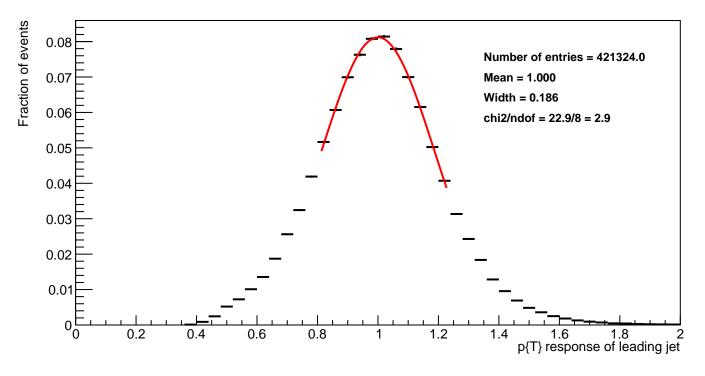
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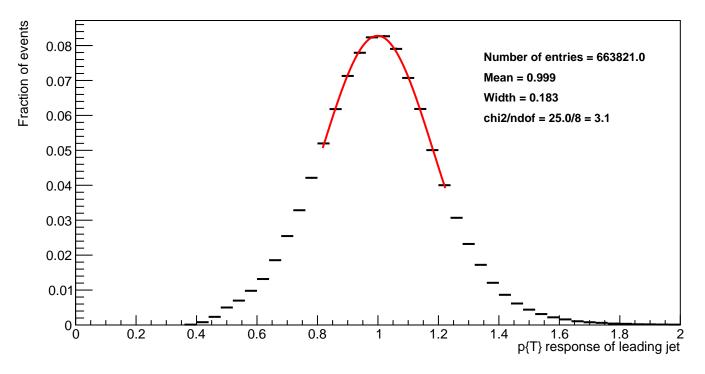
Filled with the pT response of double-matched reco jets of fCPV < 1 - Range: 25000.0-30000.0 MeV



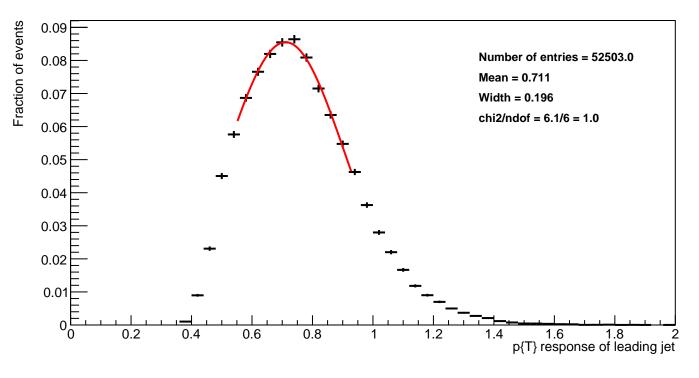
Filled with the pT response of only GPV-matched reco jets of any fCPV - Range: 30000.0-40000.0 MeV



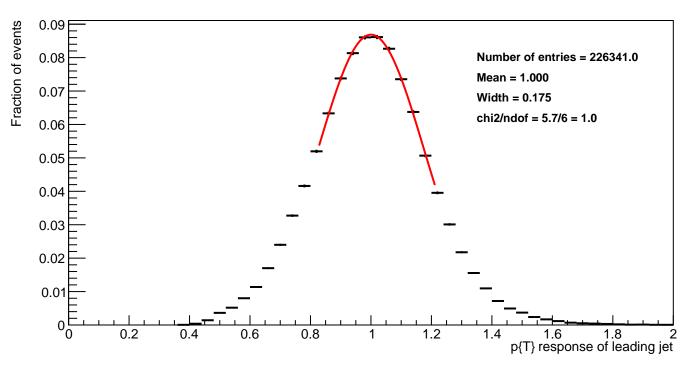
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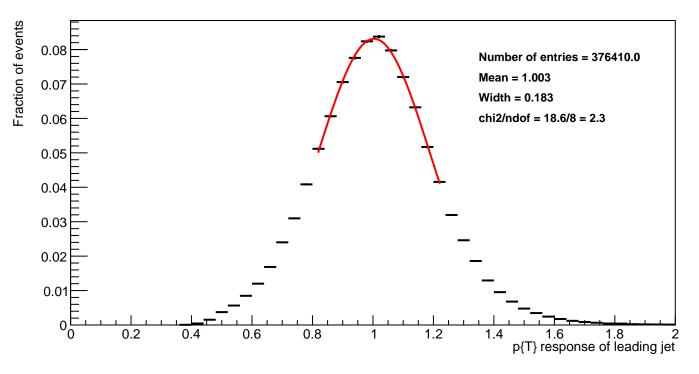
Filled with the pT response of single-matched (either GPV or pileup) reco jets of any fCPV - Range: 30000.0-40000.0 MeV



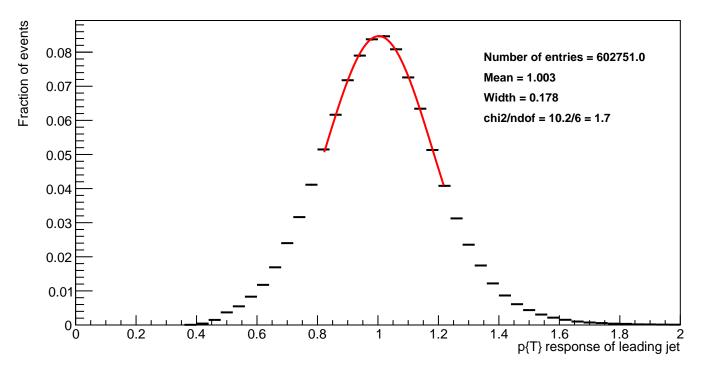
Filled with the pT response of double-matched reco jets of any fCPV - Range: 30000.0-40000.0 MeV



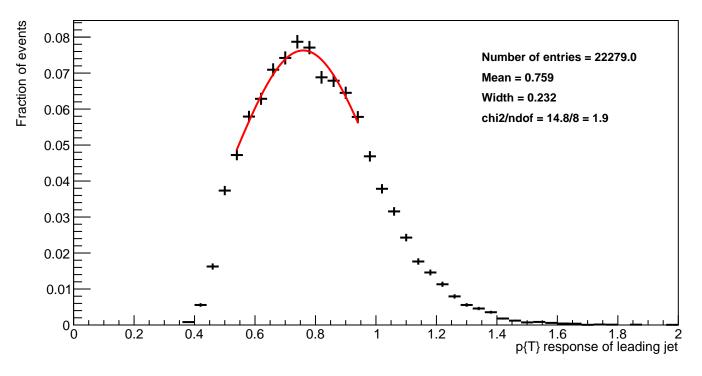
Filled with the pT response of only GPV-matched reco jets of fCPV = 1 - Range: 30000.0-40000.0 MeV



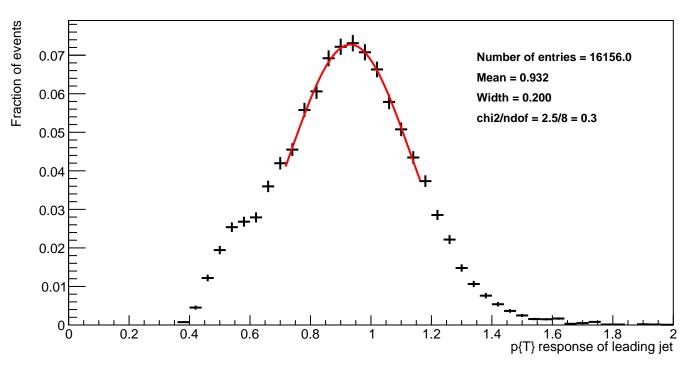
Filled with the pT response of only pileup-matched reco jets of fCPV = 1 - Range: 30000.0-40000.0 MeV



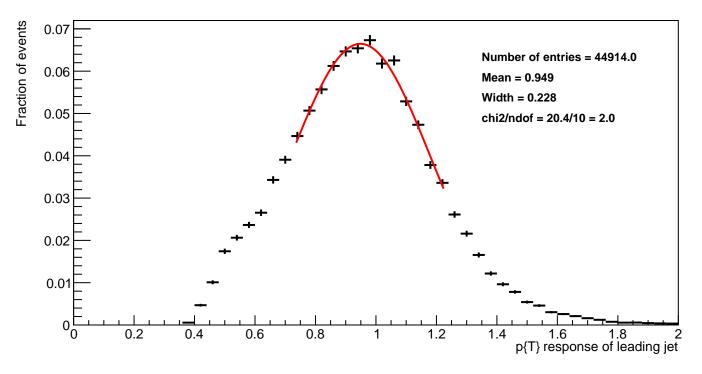
Filled with the pT response of single-matched (either GPV or pileup) reco jets of fCPV = 1 - Range: 30000.0-40000.0 MeV



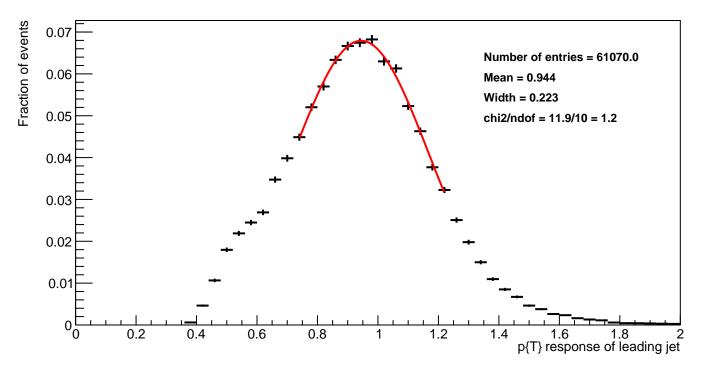
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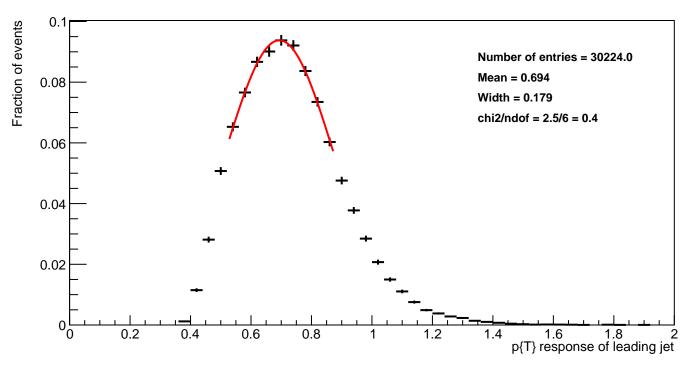
Filled with the pT response of only GPV-matched reco jets of fCPV < 1 - Range: 30000.0-40000.0 MeV



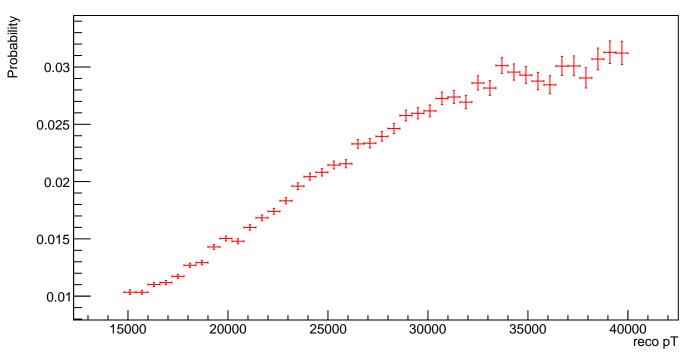
Filled with the pT response of only pileup-matched reco jets of fCPV < 1 - Range: 30000.0-40000.0 MeV



Filled with the pT response of single-matched (either GPV or pileup) reco jets of fCPV < 1 - Range: 30000.0-40000.0 MeV

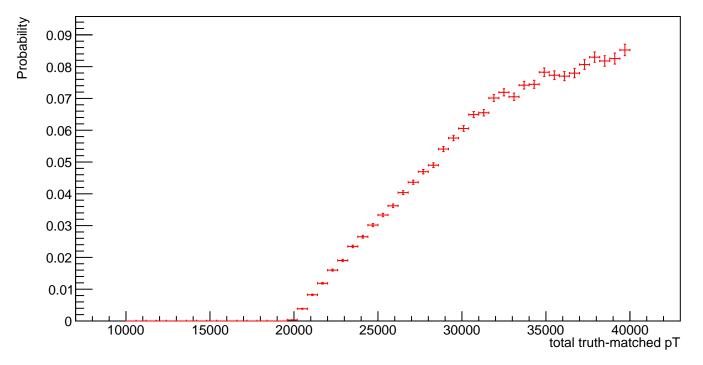


Filled with the pT response of double-matched reco jets of fCPV < 1 - Range: 30000.0-40000.0 MeV

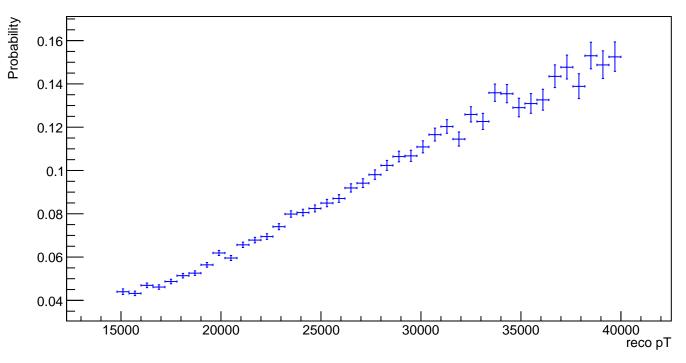


Filled with fraction of: no. of double matched jets / total no. of matched jets of any fCPV; for each reco pT bin

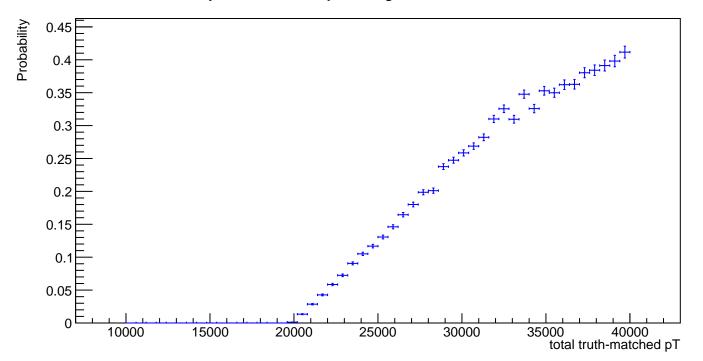
## Probability of a matched jet being double matched for any fCPV



Filled with fraction of: no. of double matched jets / total no. of matched jets of any fCPV; for each total truth-matched pT bir

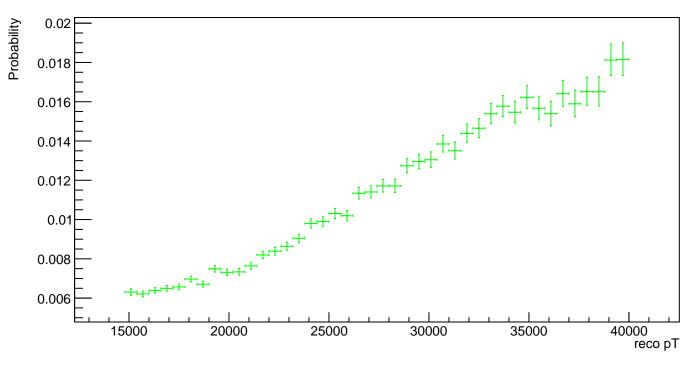


Filled with fraction of: no. of double matched jets / total no. of matched jets of fCPV < 1; for each reco pT bin



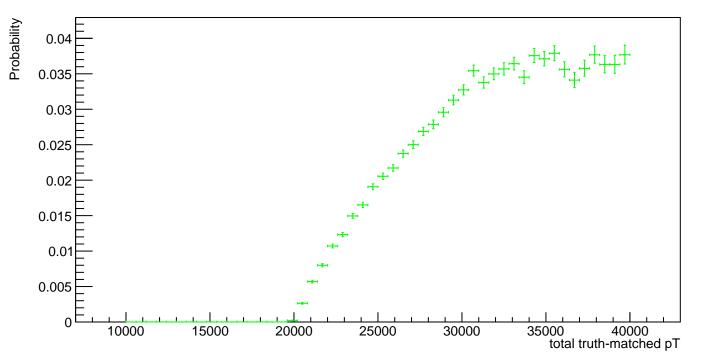
Filled with fraction of: no. of double matched jets / total no. of matched jets of fCPV < 1; for each total truth-matched pT bin

Probability of a matched jet being double matched for fCPV = 1



Filled with fraction of: no. of double matched jets / total no. of matched jets of fCPV = 1; for each reco pT bin

Probability of a matched jet being double matched for fCPV = 1



Filled with fraction of: no. of double matched jets / total no. of matched jets of fCPV = 1; for each total truth-matched pT bin