

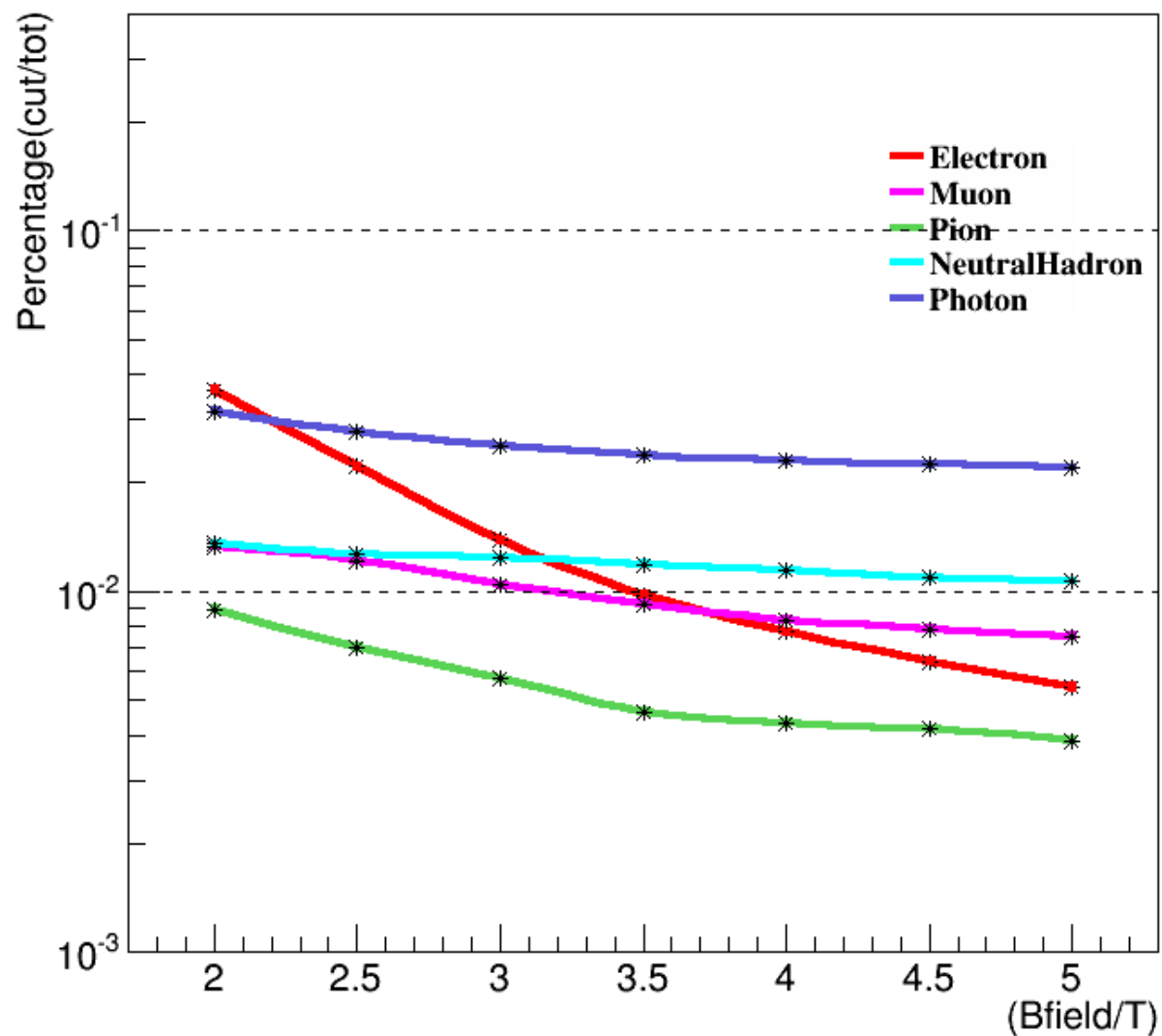
Study of two track separation

Sample path : /cefs/data/stdhep/signal/Higgs/E250.Pe1e1h.whizard195/

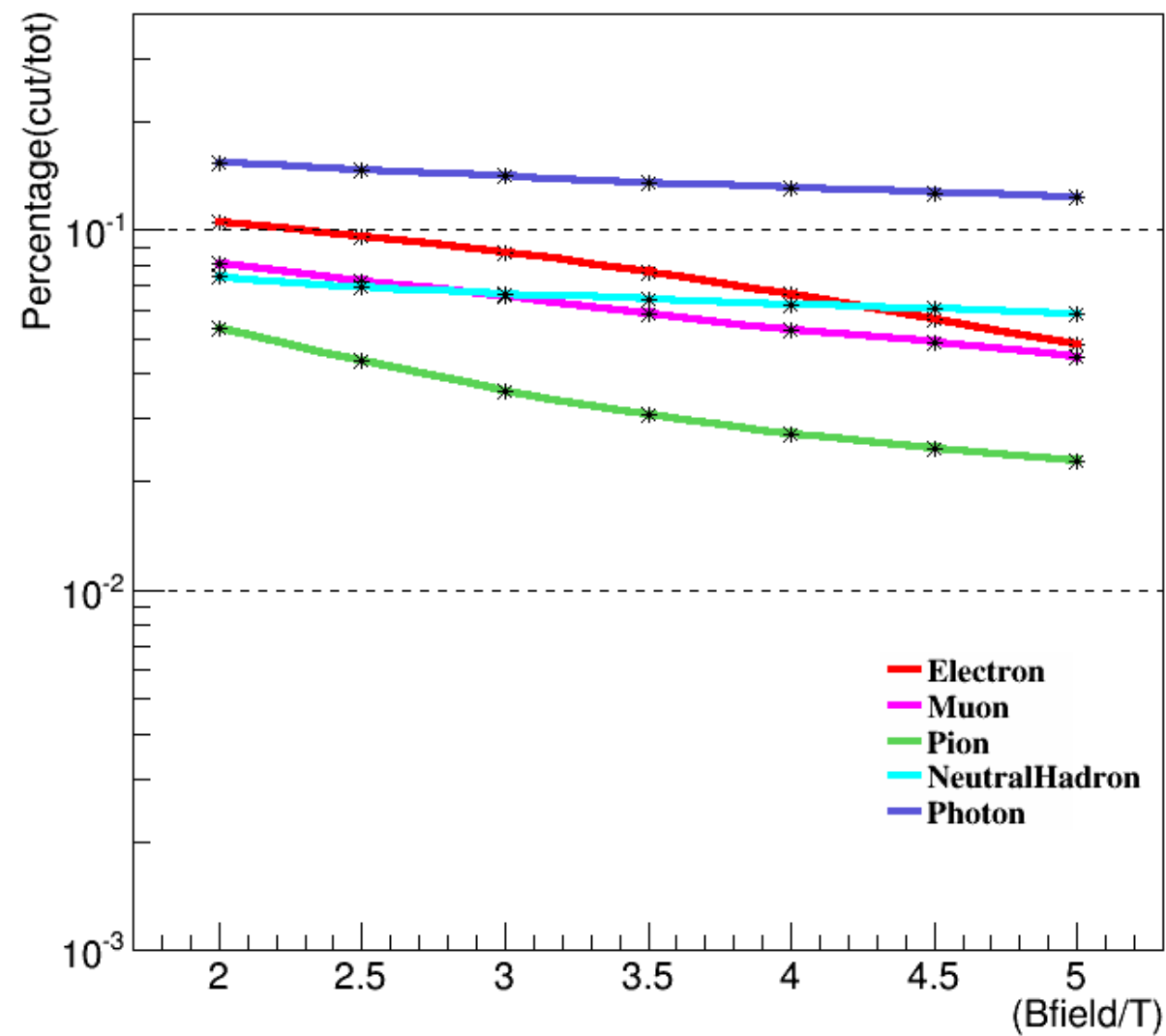
Changing Bfield(2~5T), Radius : 1808mm

eeH

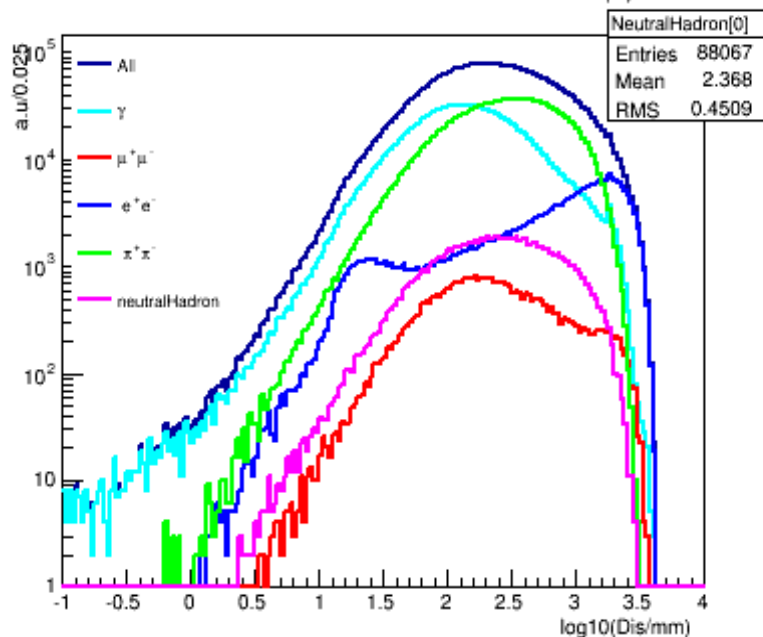
Cut ClosestDistance at 20mm for eeH at 250GeV



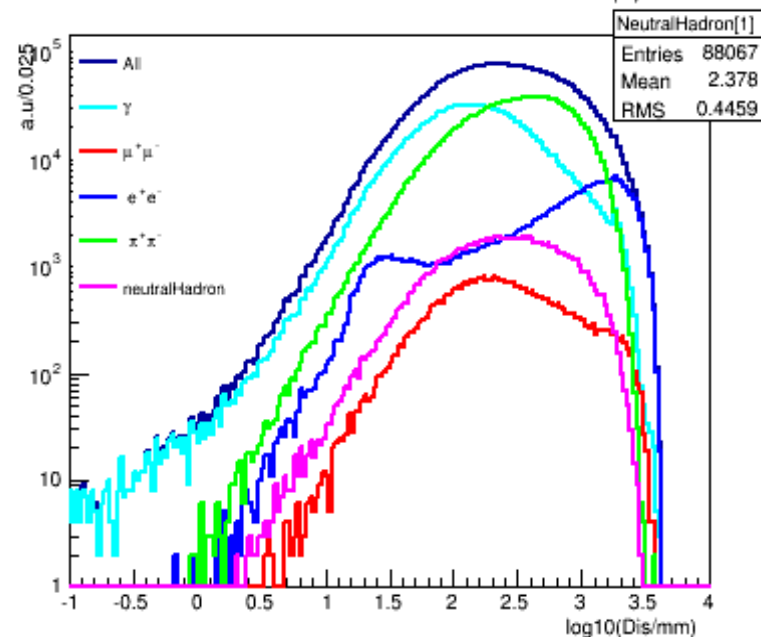
Cut ClosestDistance at 50mm for eeH at 250GeV



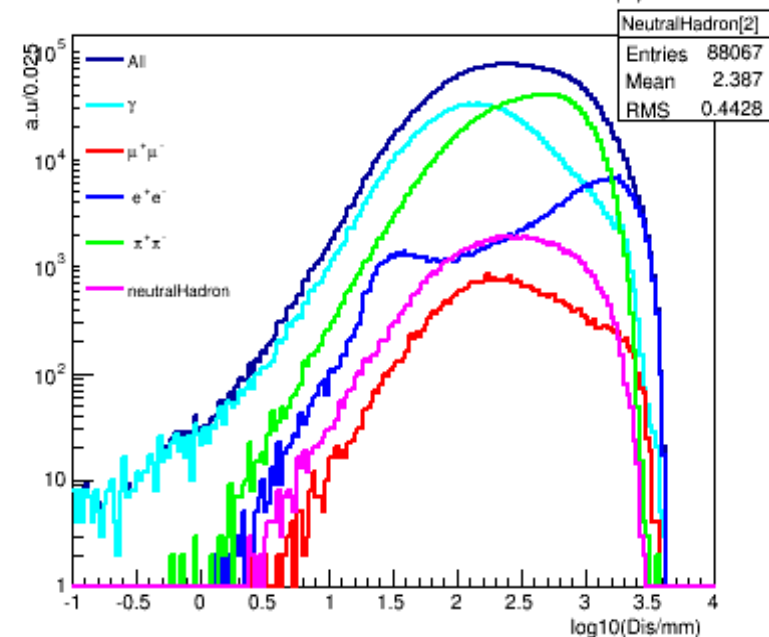
Dis Distribution for ee events at 250 GeV(1)



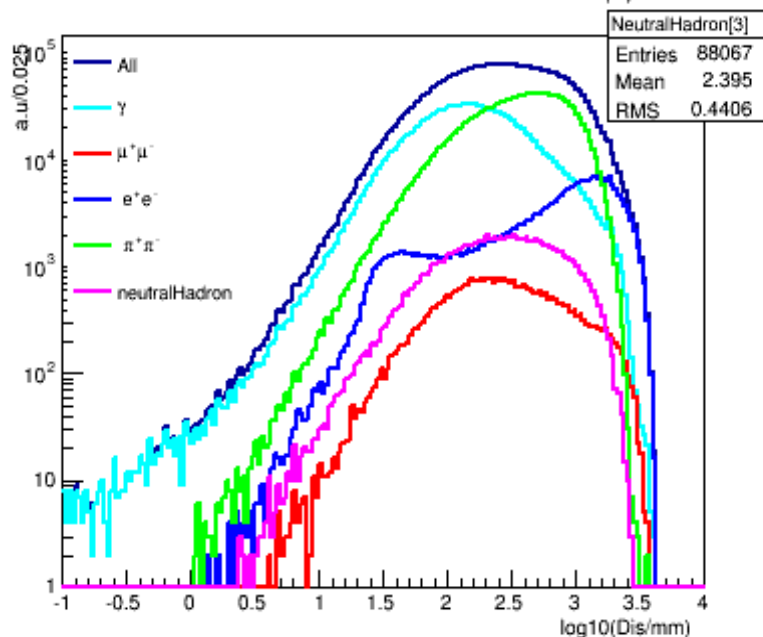
Dis Distribution for ee events at 250 GeV(2)



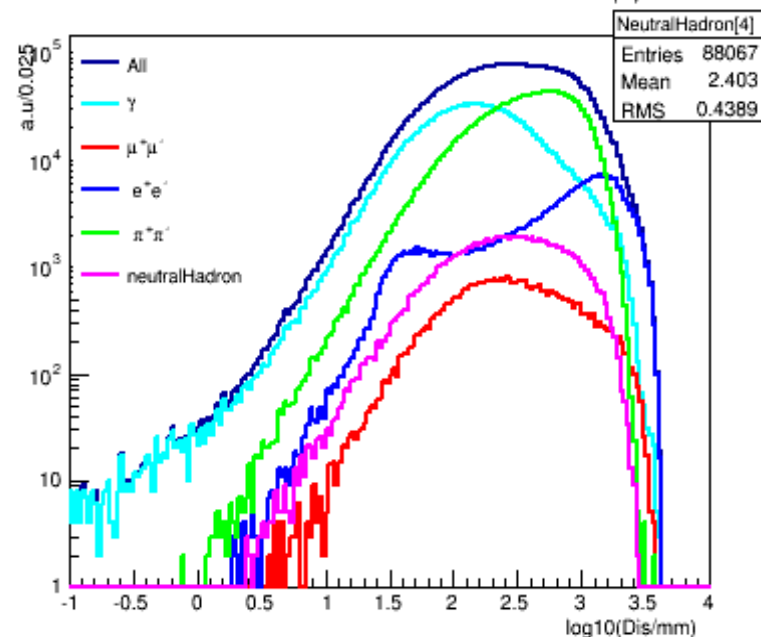
Dis Distribution for ee events at 250 GeV(3)



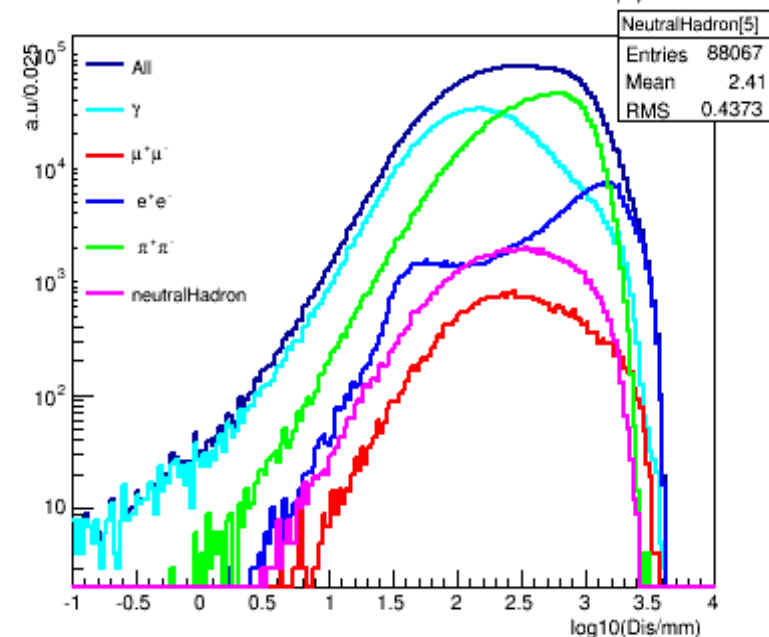
Dis Distribution for ee events at 250 GeV(4)



Dis Distribution for ee events at 250 GeV(5)

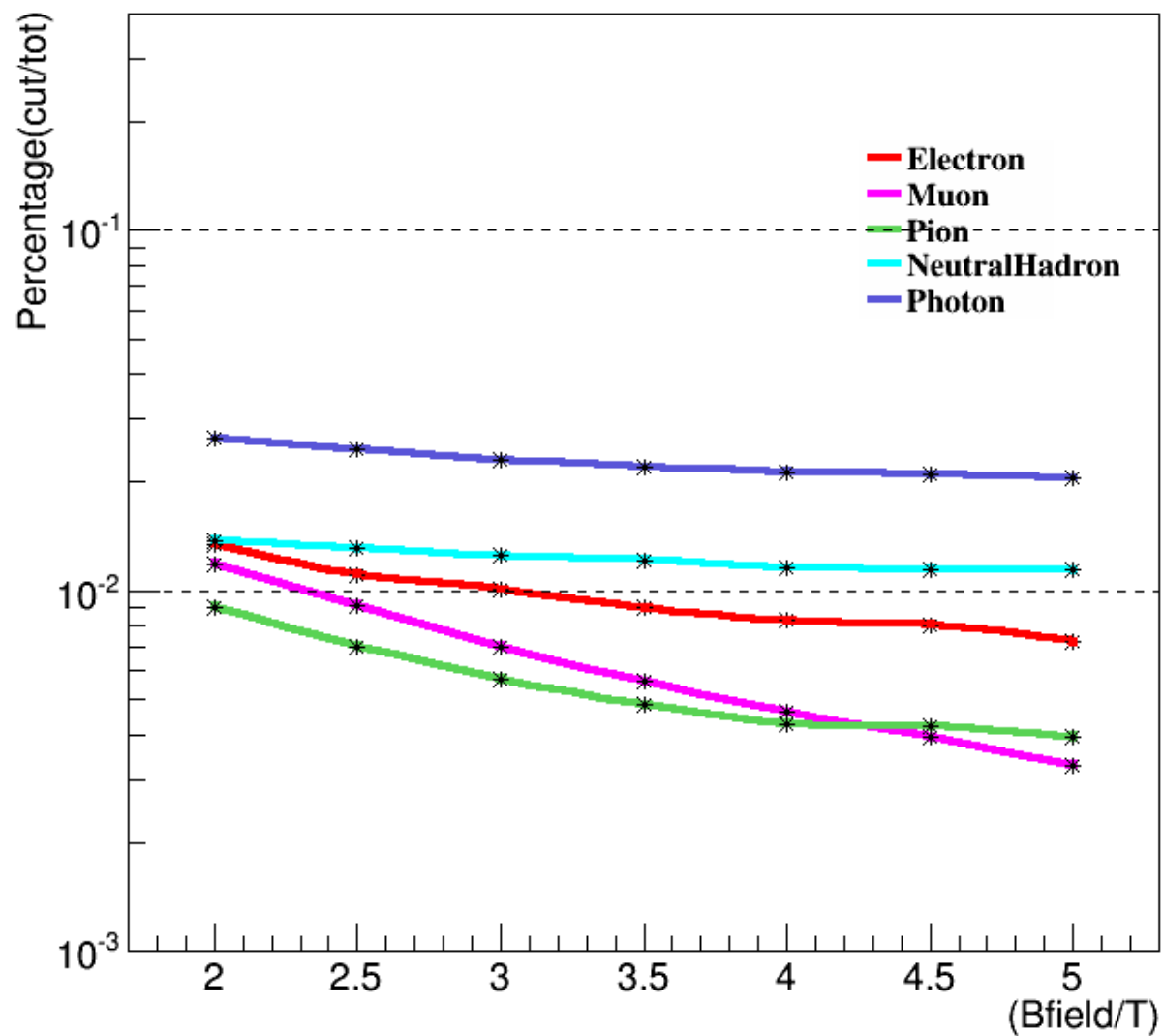


Dis Distribution for ee events at 250 GeV(6)

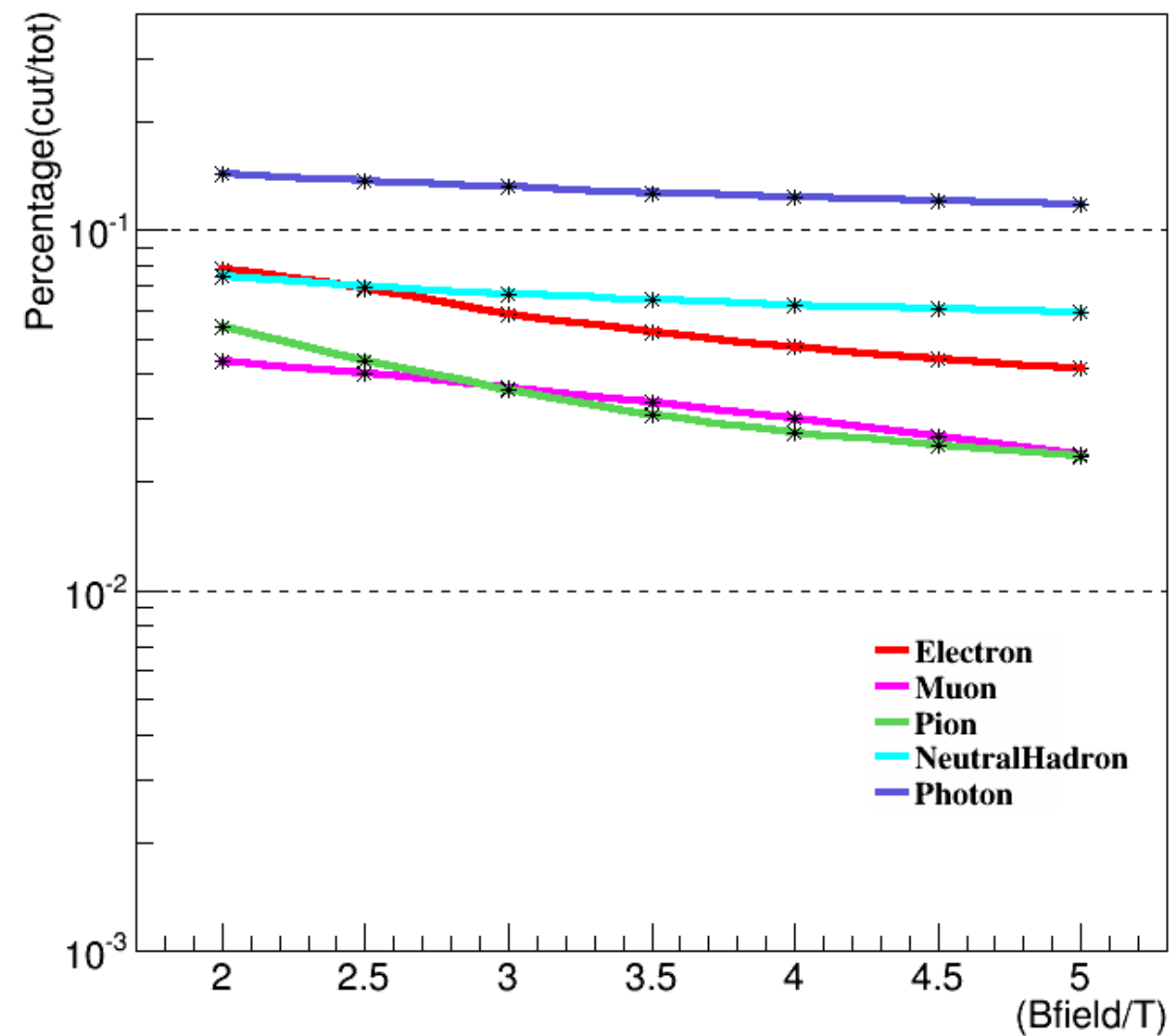


mumuH

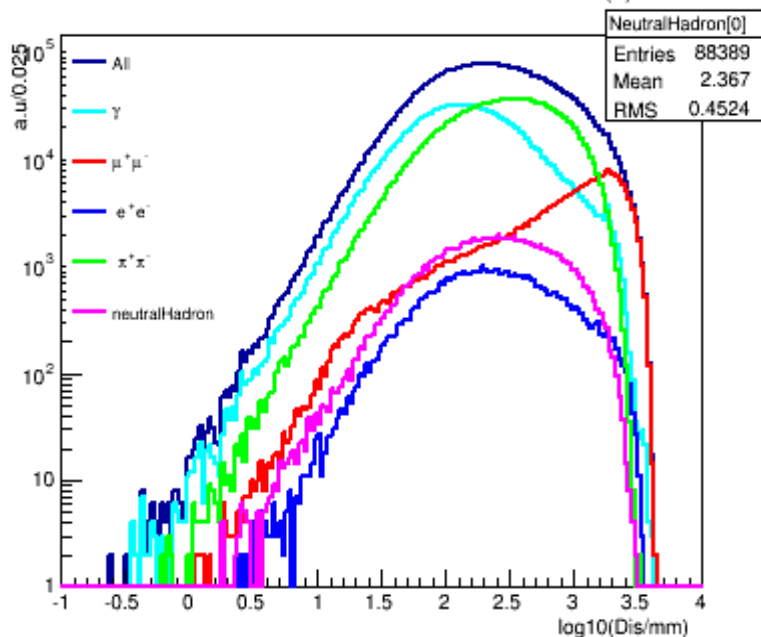
Cut ClosestDistance at 20mm for mumuH at 250GeV



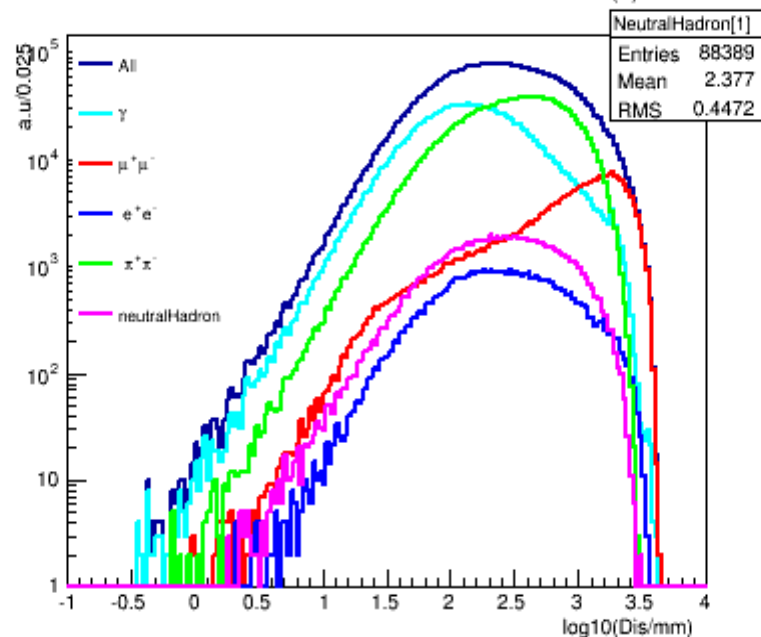
Cut ClosestDistance at 50mm for mumuH at 250GeV



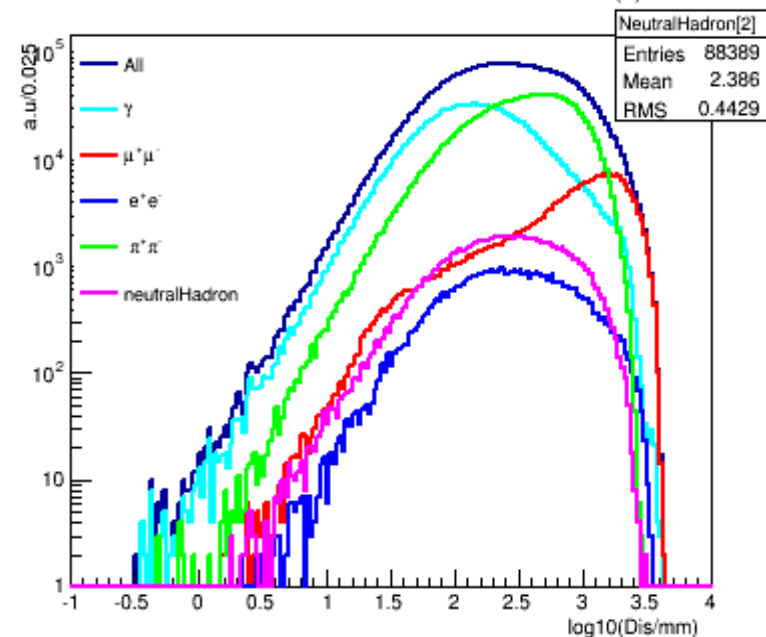
Dis Distribution for mumu events at 250 GeV(1)



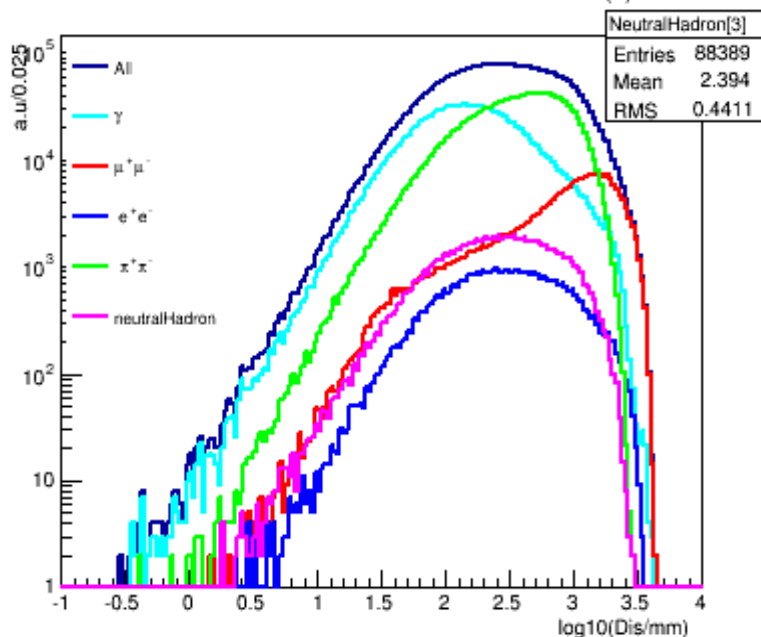
Dis Distribution for mumu events at 250 GeV(2)



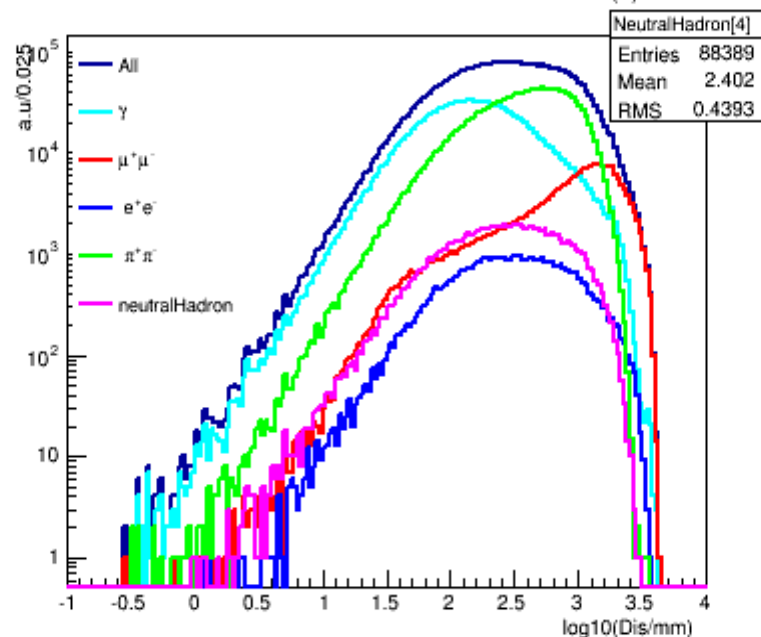
Dis Distribution for mumu events at 250 GeV(3)



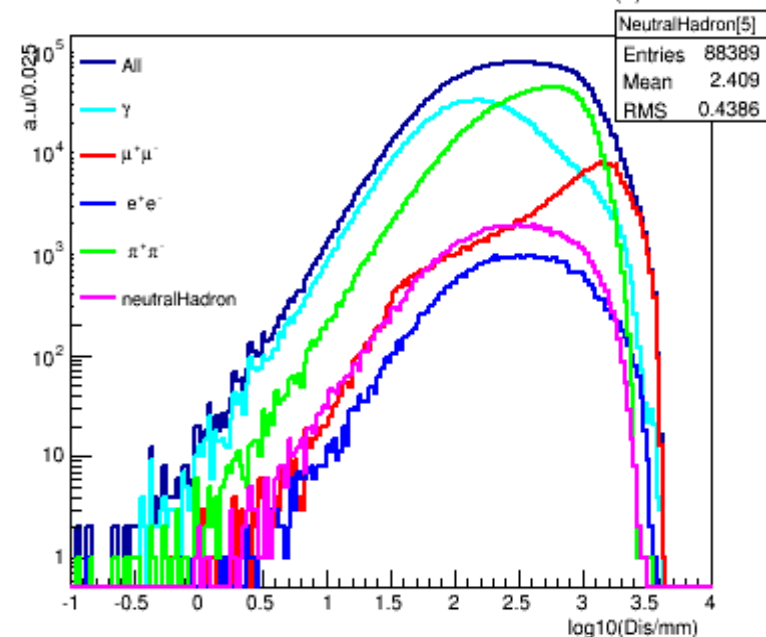
Dis Distribution for mumu events at 250 GeV(4)



Dis Distribution for mumu events at 250 GeV(5)

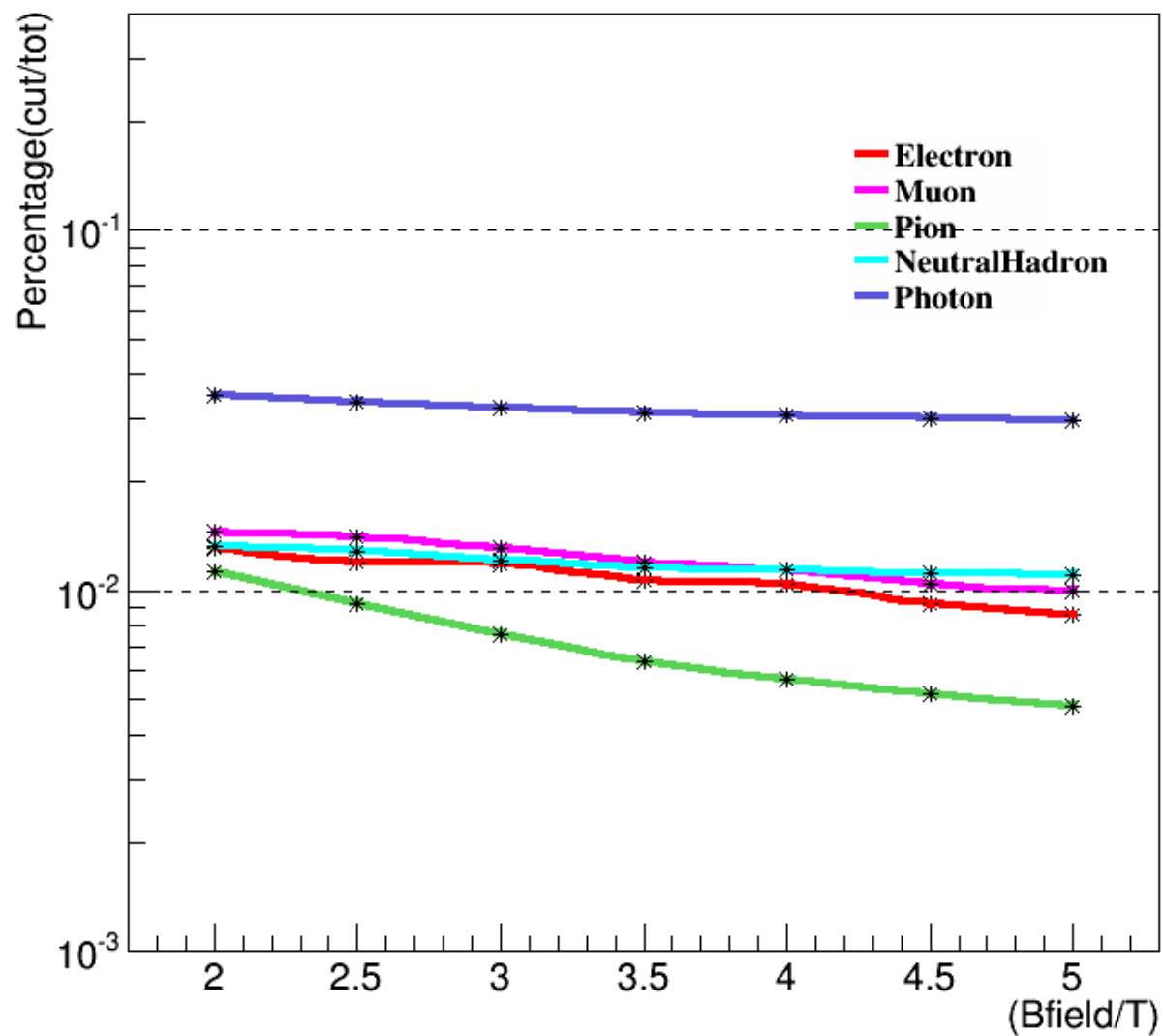


Dis Distribution for mumu events at 250 GeV(6)

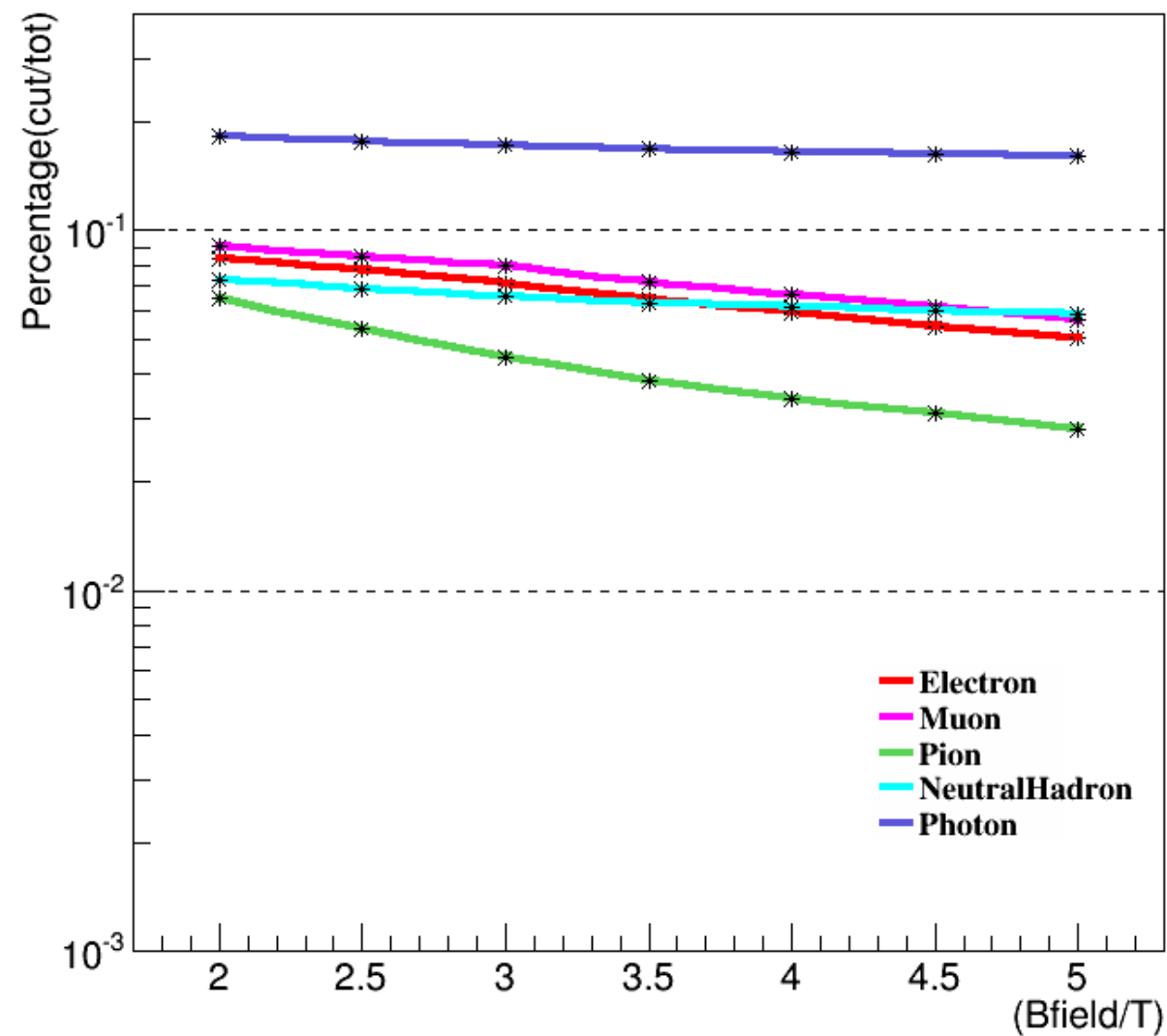


tautauH

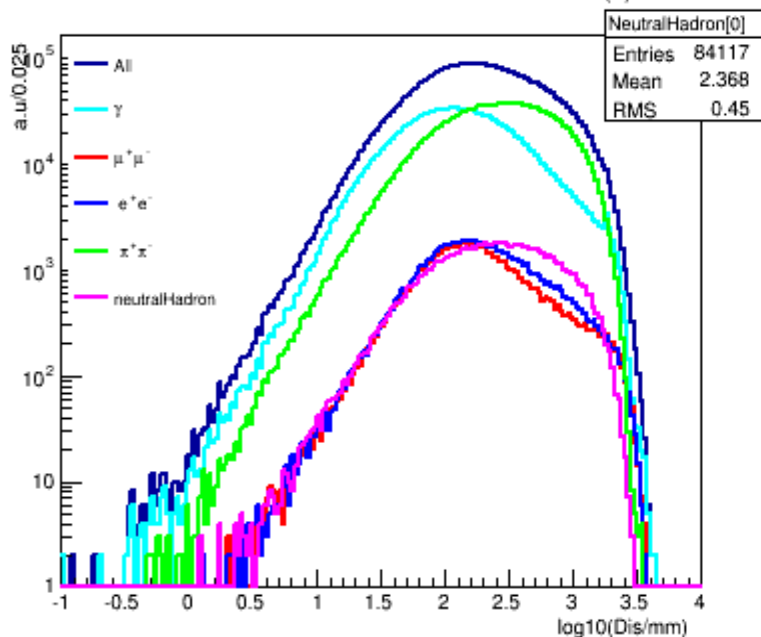
Cut ClosestDistance at 20mm for tautauH at 250GeV



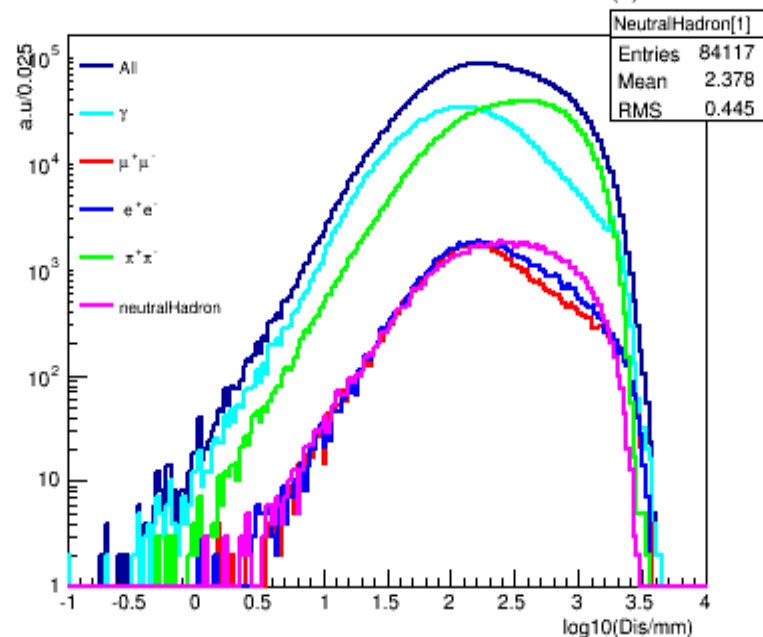
Cut ClosestDistance at 50mm for tautauH at 250GeV



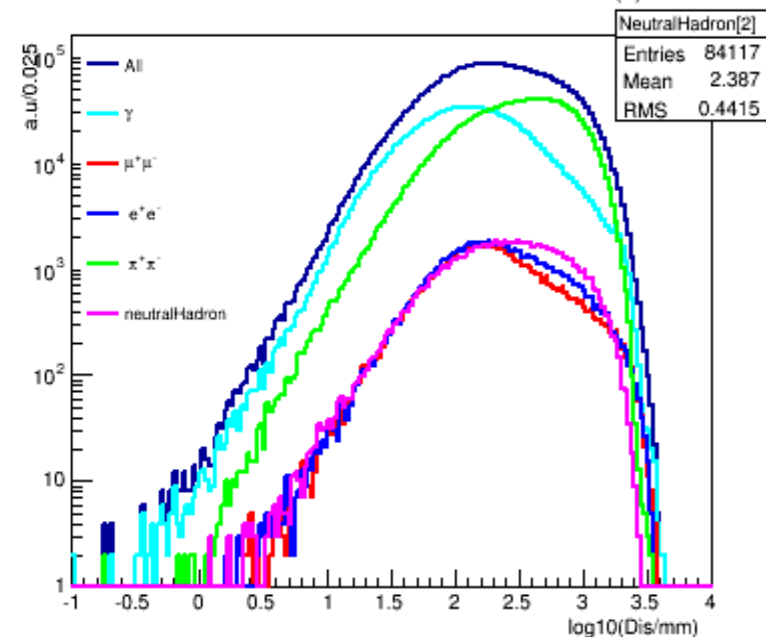
Dis Distribution for tautau events at 250 GeV(1)



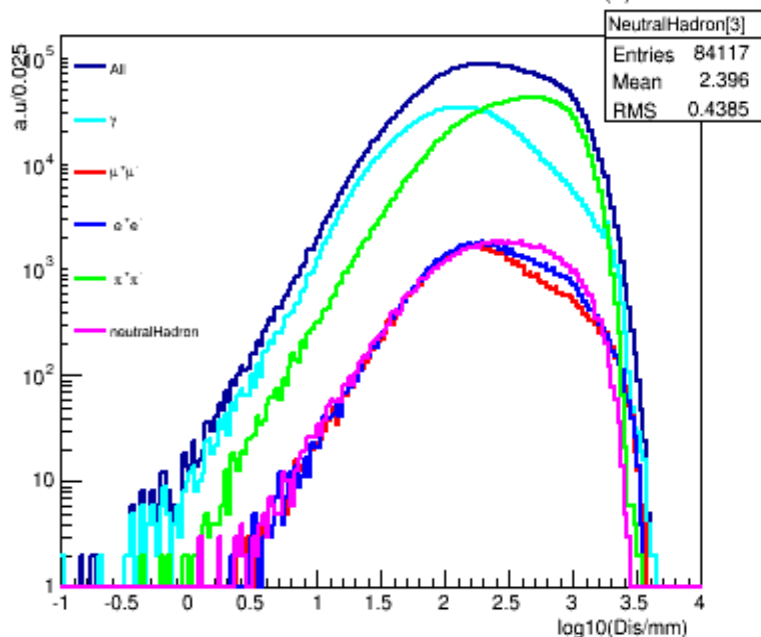
Dis Distribution for tautau events at 250 GeV(2)



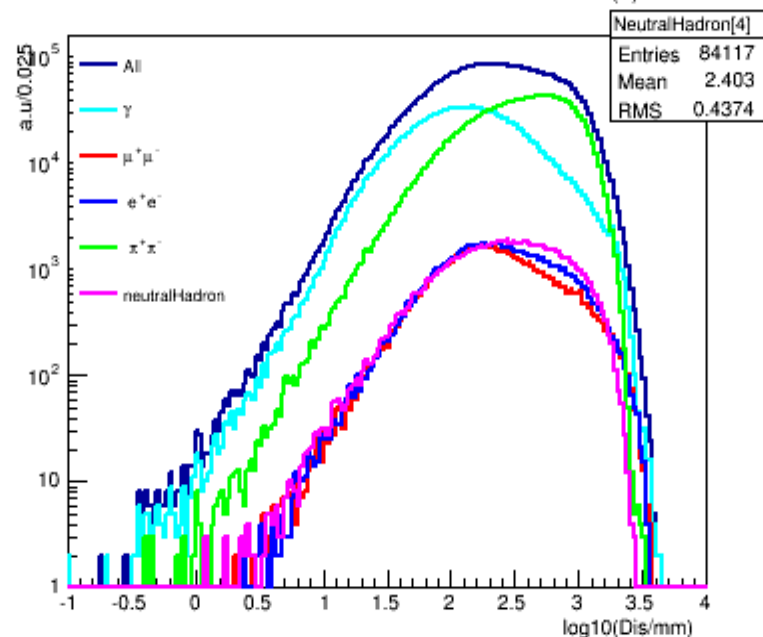
Dis Distribution for tautau events at 250 GeV(3)



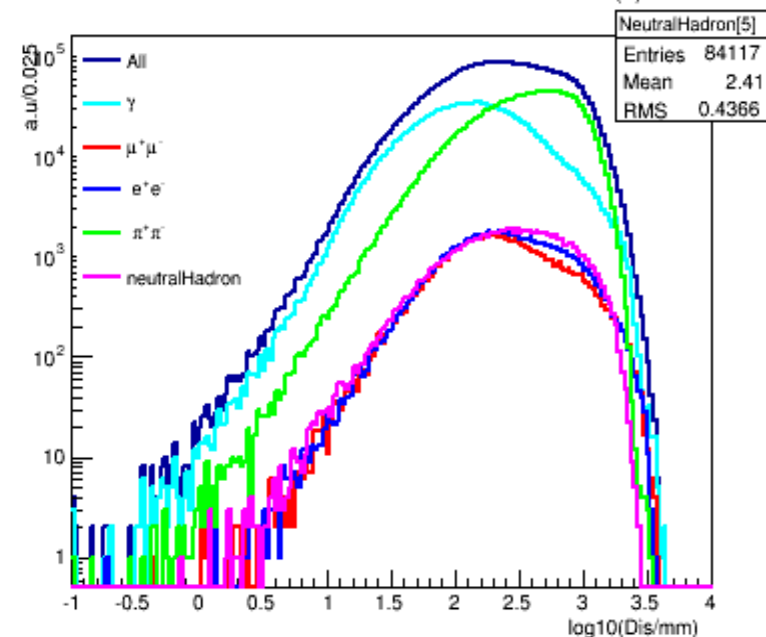
Dis Distribution for tautau events at 250 GeV(4)



Dis Distribution for tautau events at 250 GeV(5)

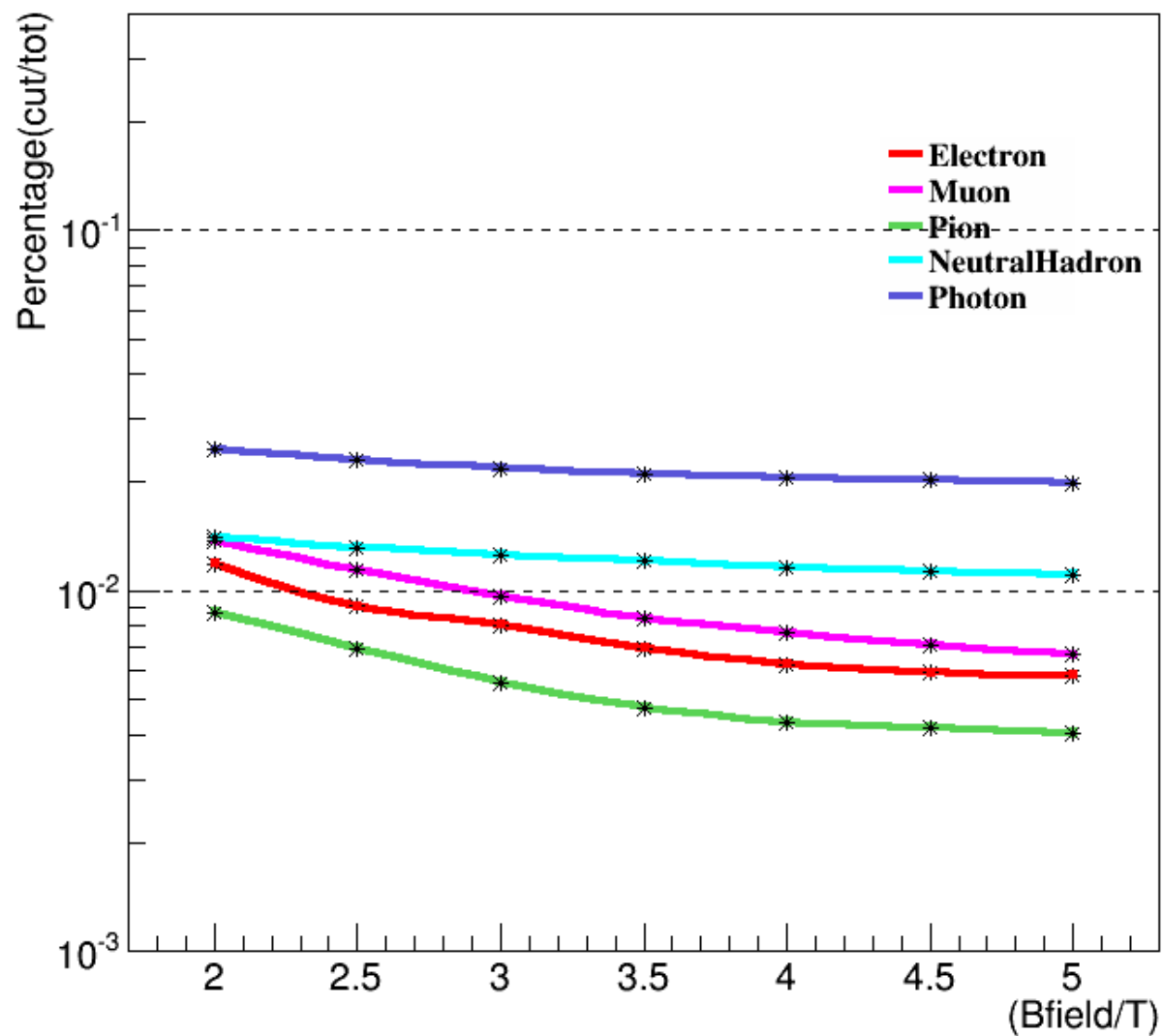


Dis Distribution for tautau events at 250 GeV(6)

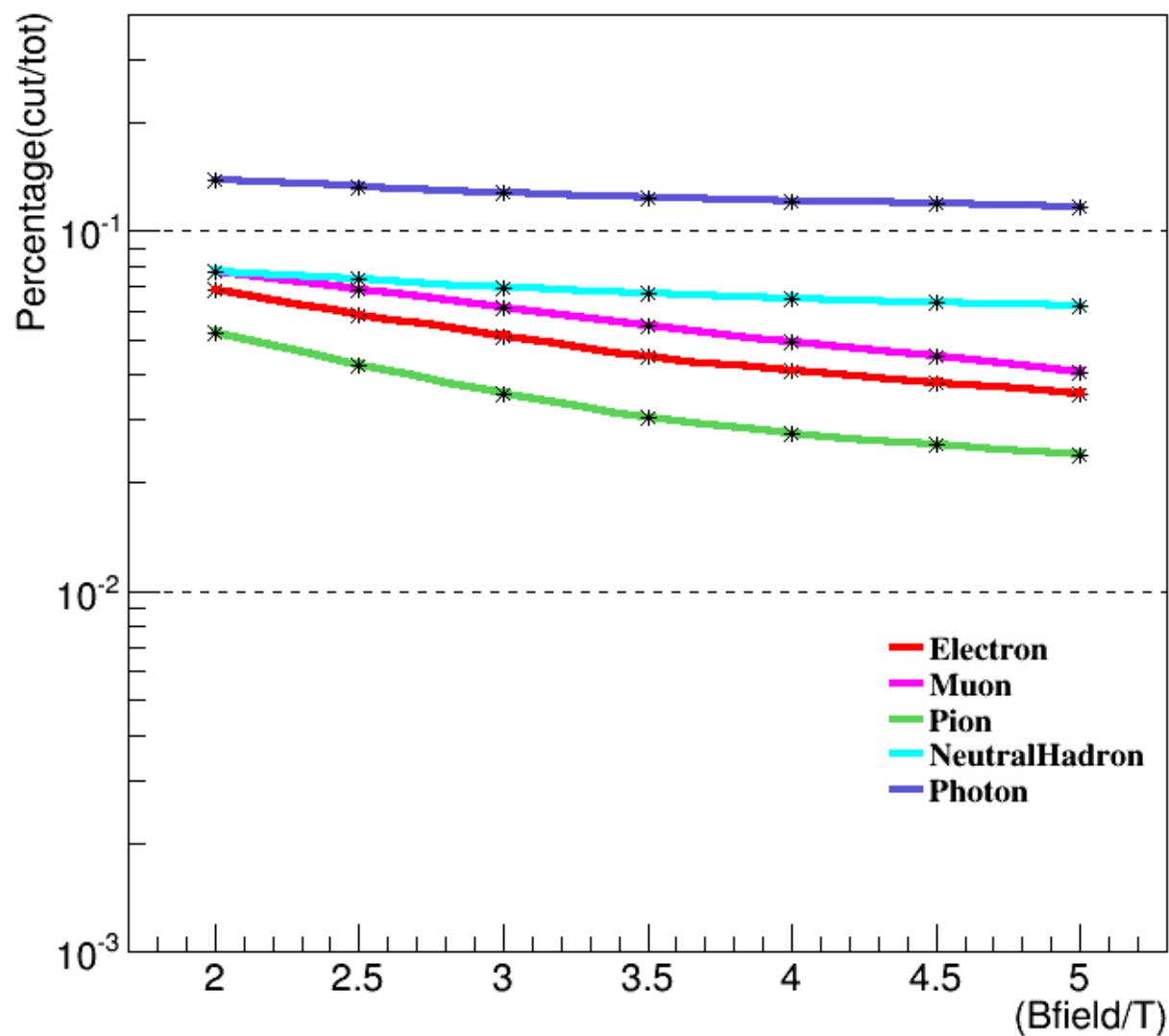


qqH

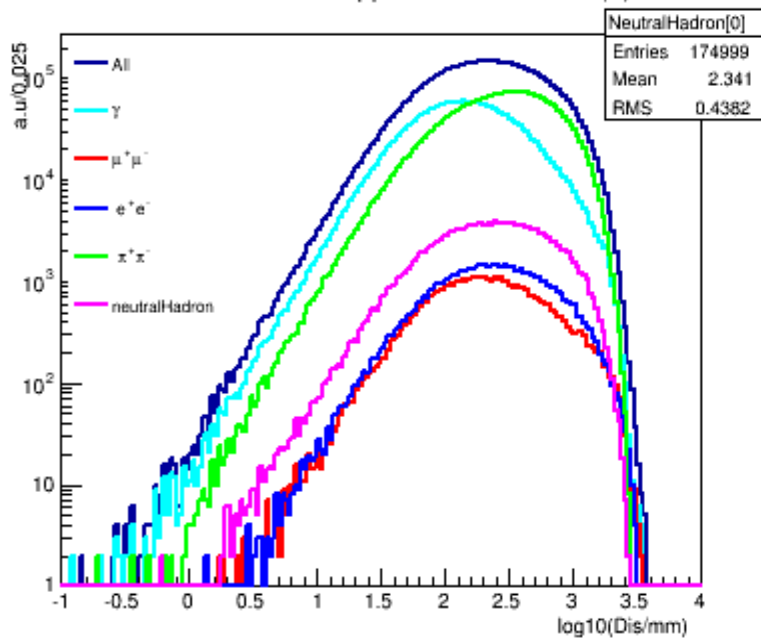
Cut ClosestDistance at 20mm for qqH at 250GeV



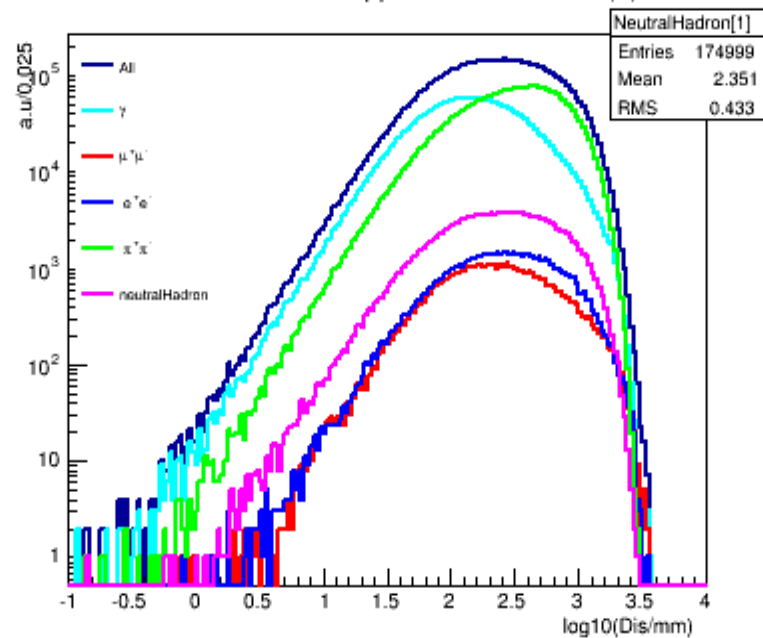
Cut ClosestDistance at 50mm for qqH at 250GeV



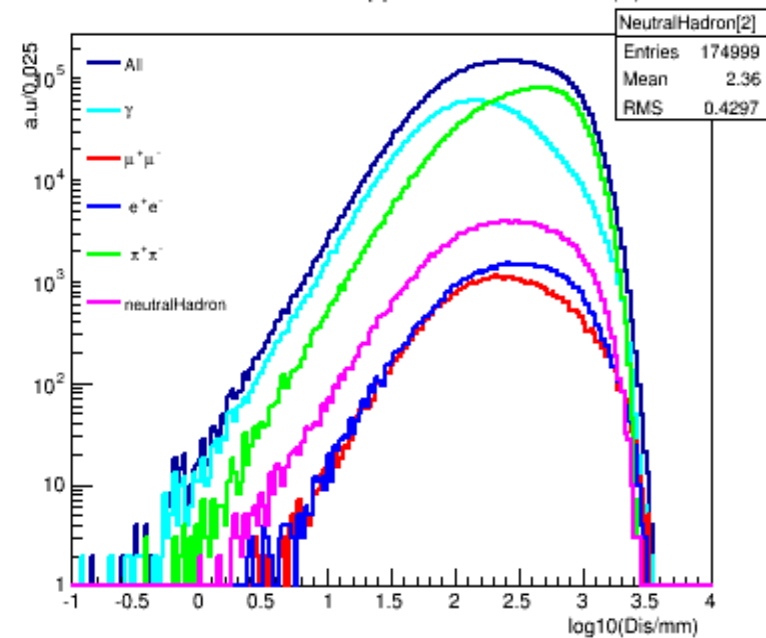
Dis Distribution for qq events at 250 GeV(1)



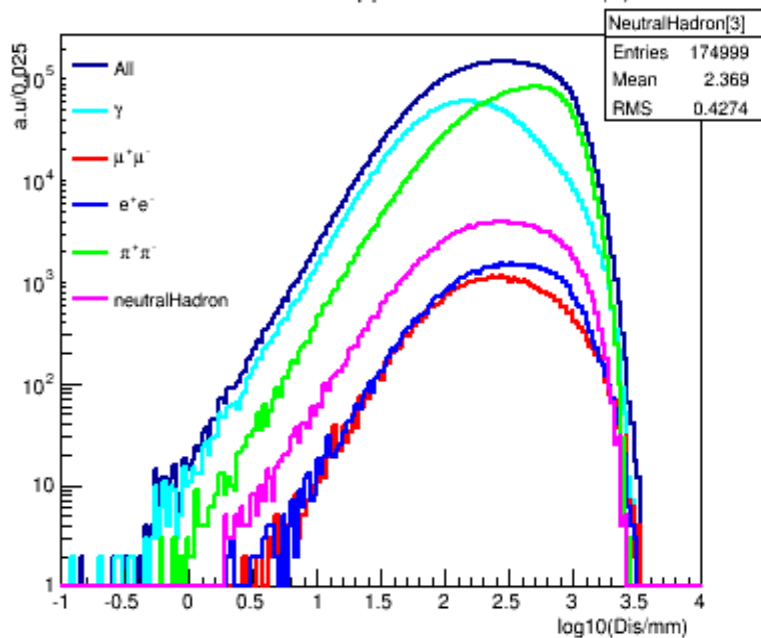
Dis Distribution for qq events at 250 GeV(2)



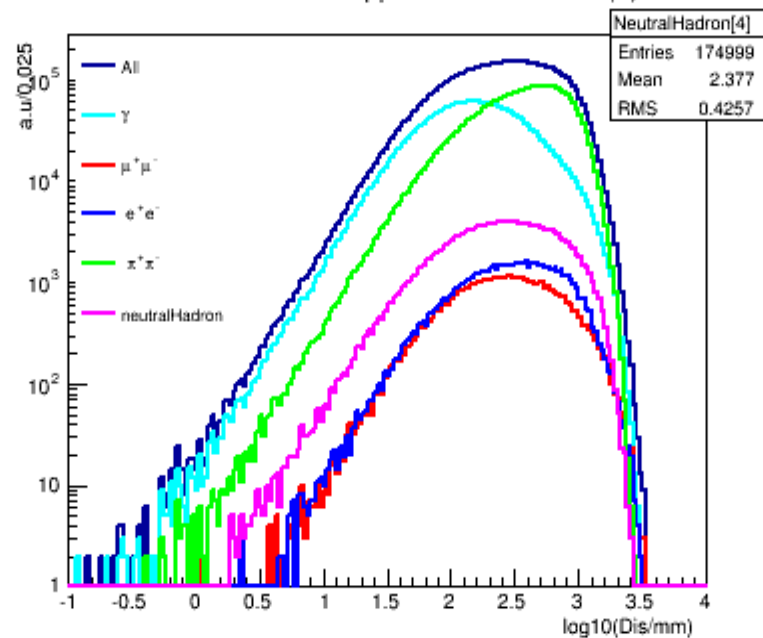
Dis Distribution for qq events at 250 GeV(3)



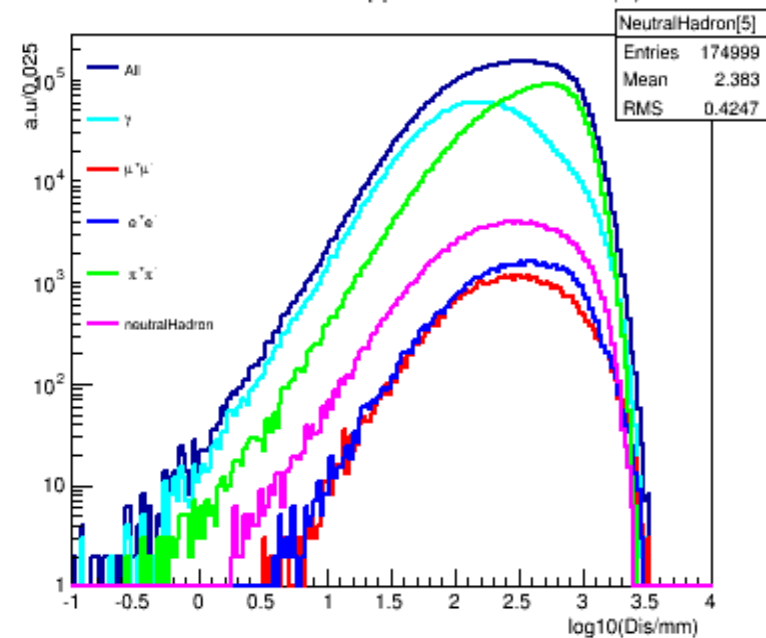
Dis Distribution for qq events at 250 GeV(4)



Dis Distribution for qq events at 250 GeV(5)

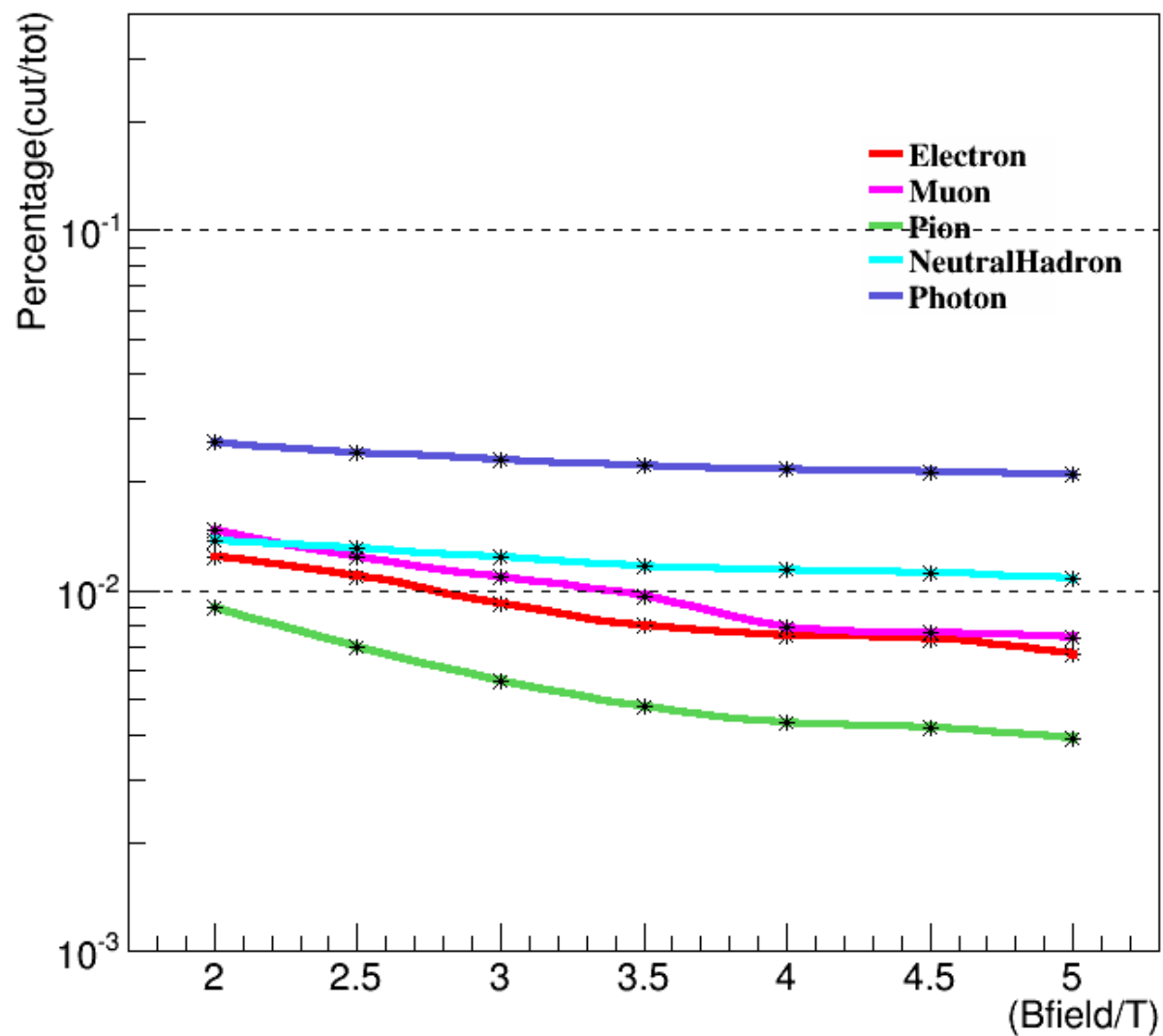


Dis Distribution for qq events at 250 GeV(6)

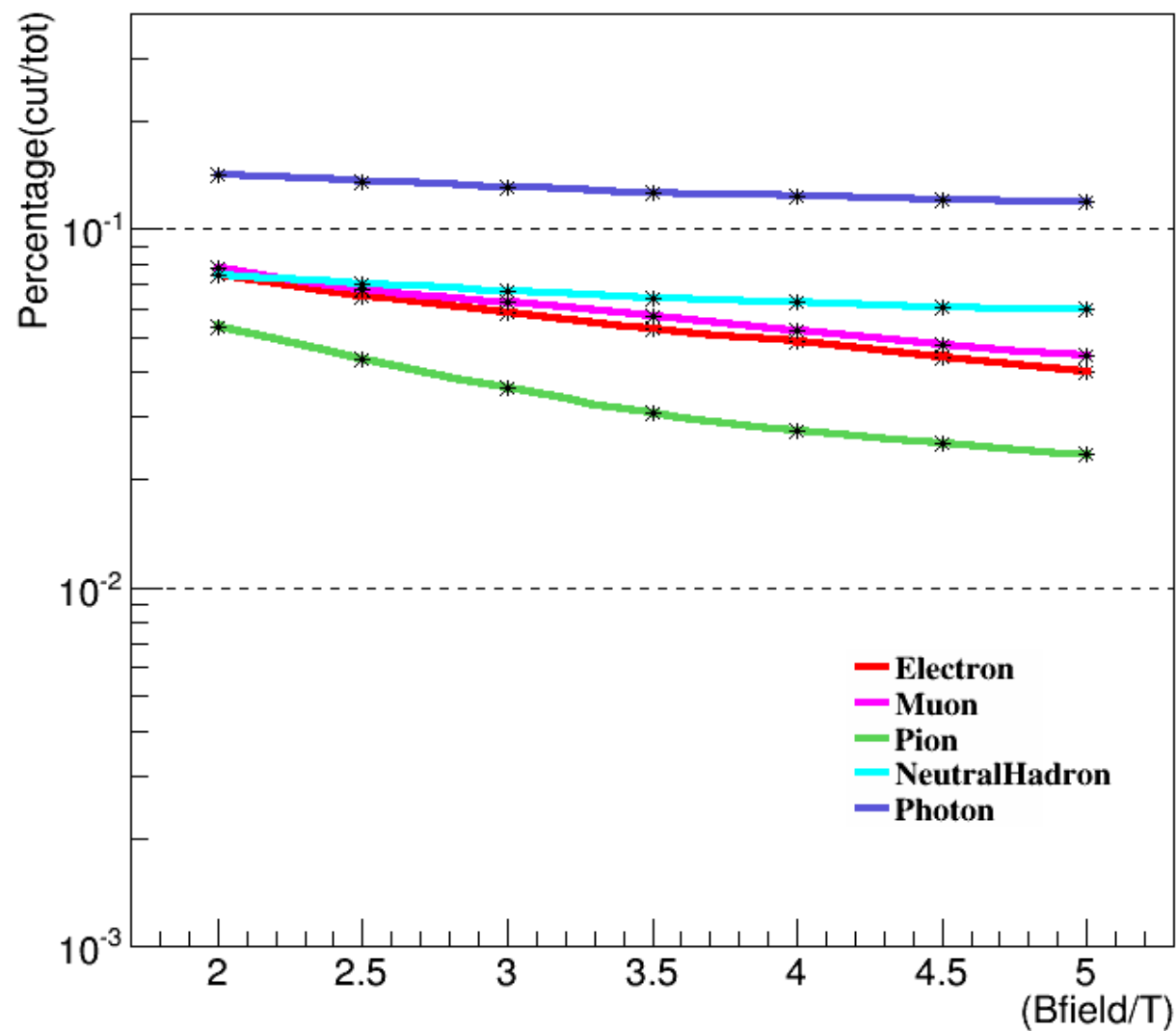


nnH

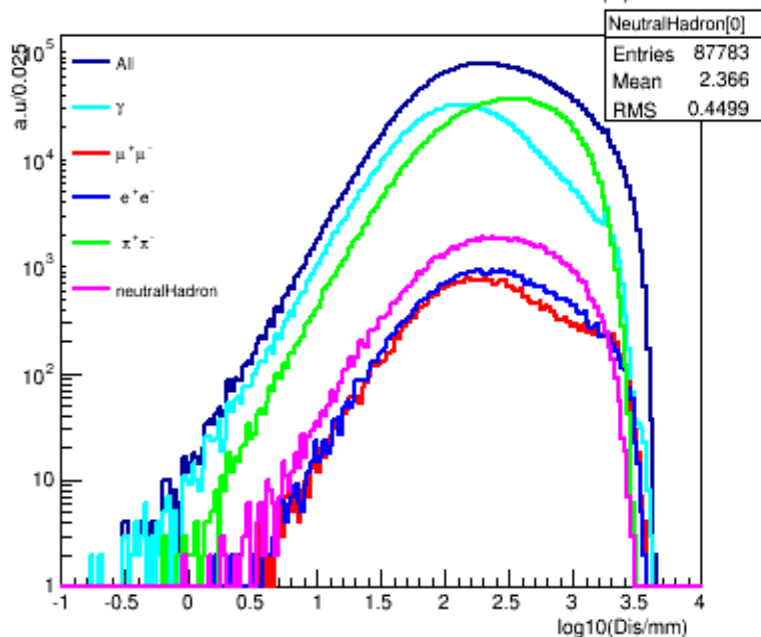
Cut ClosestDistance at 20mm for nnH at 250GeV



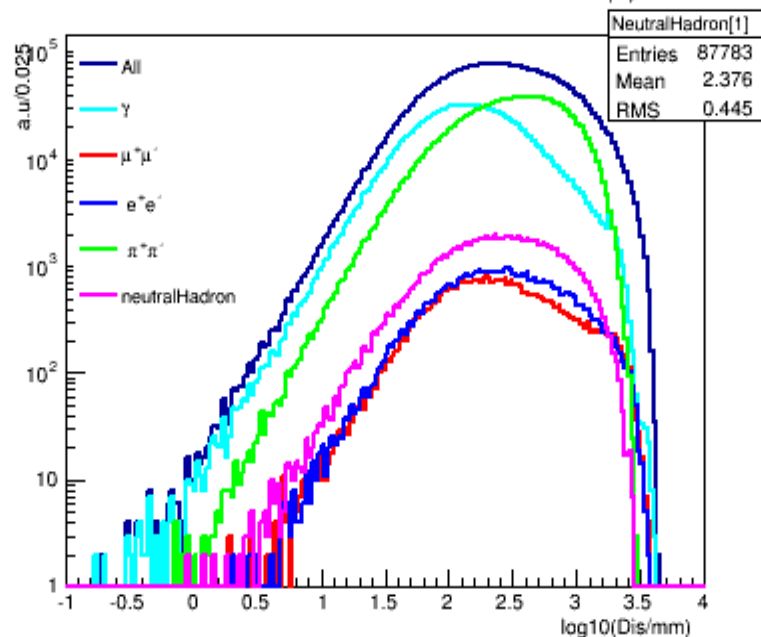
Cut ClosestDistance at 50mm for nnH at 250GeV



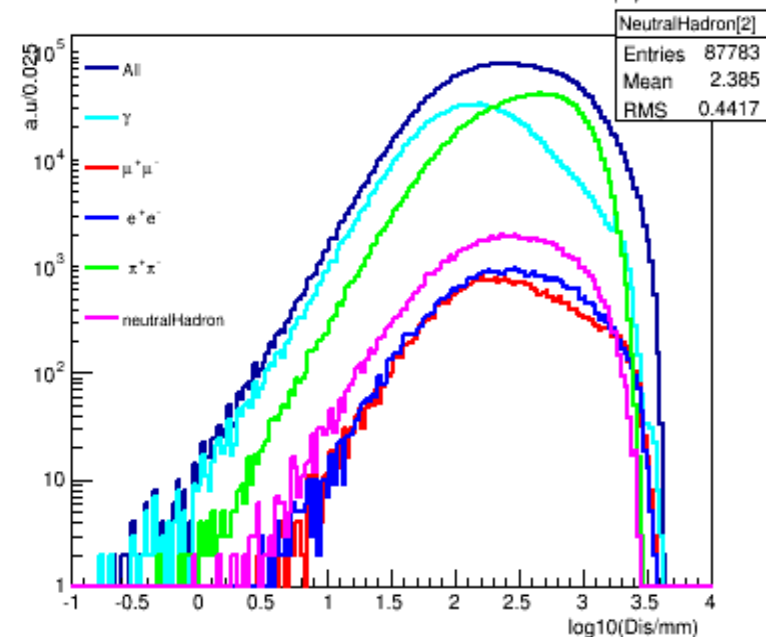
Dis Distribution for nn events at 250 GeV(1)



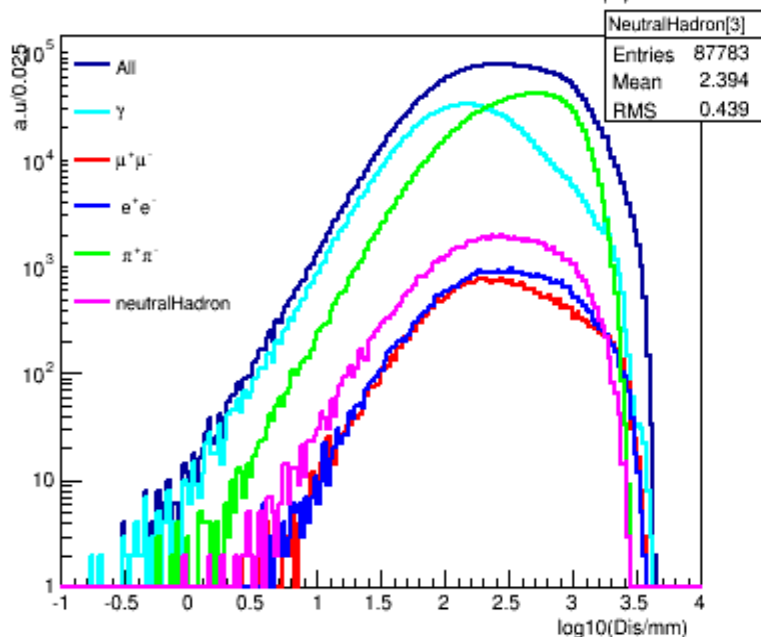
Dis Distribution for nn events at 250 GeV(2)



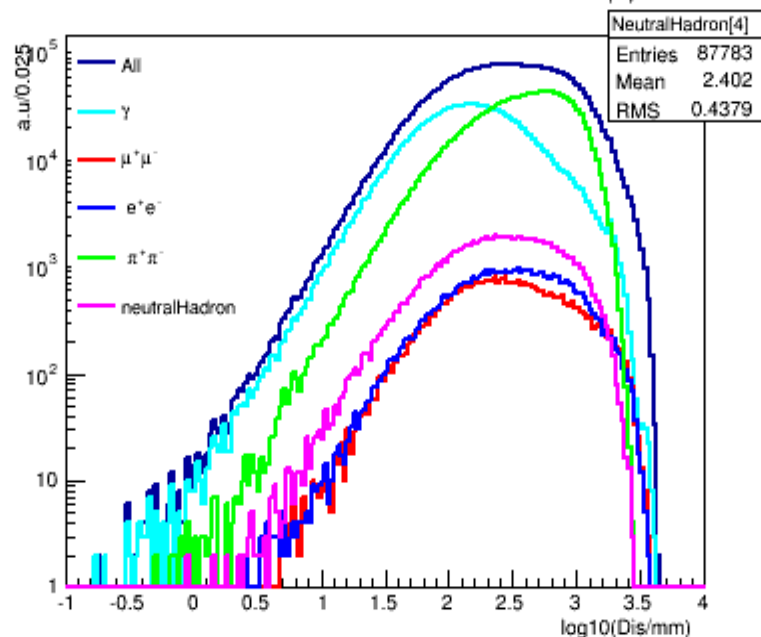
Dis Distribution for nn events at 250 GeV(3)



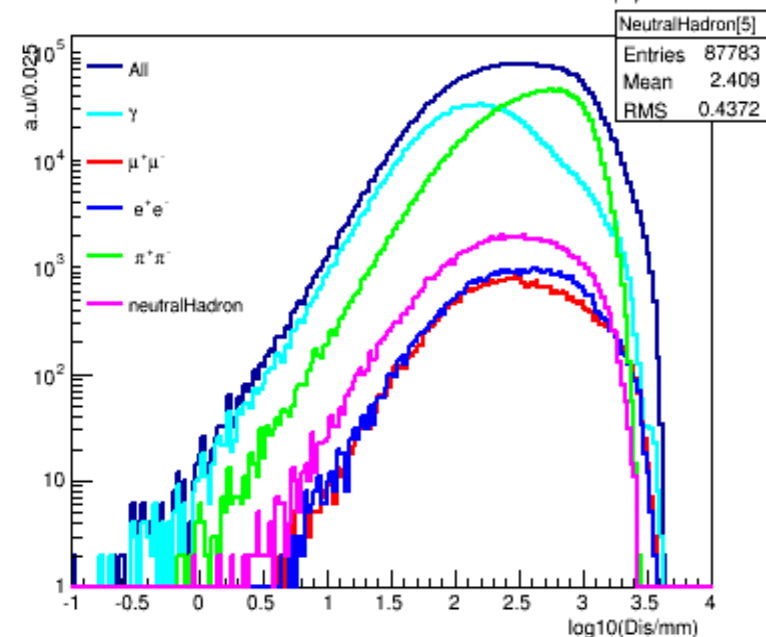
Dis Distribution for nn events at 250 GeV(4)



Dis Distribution for nn events at 250 GeV(5)

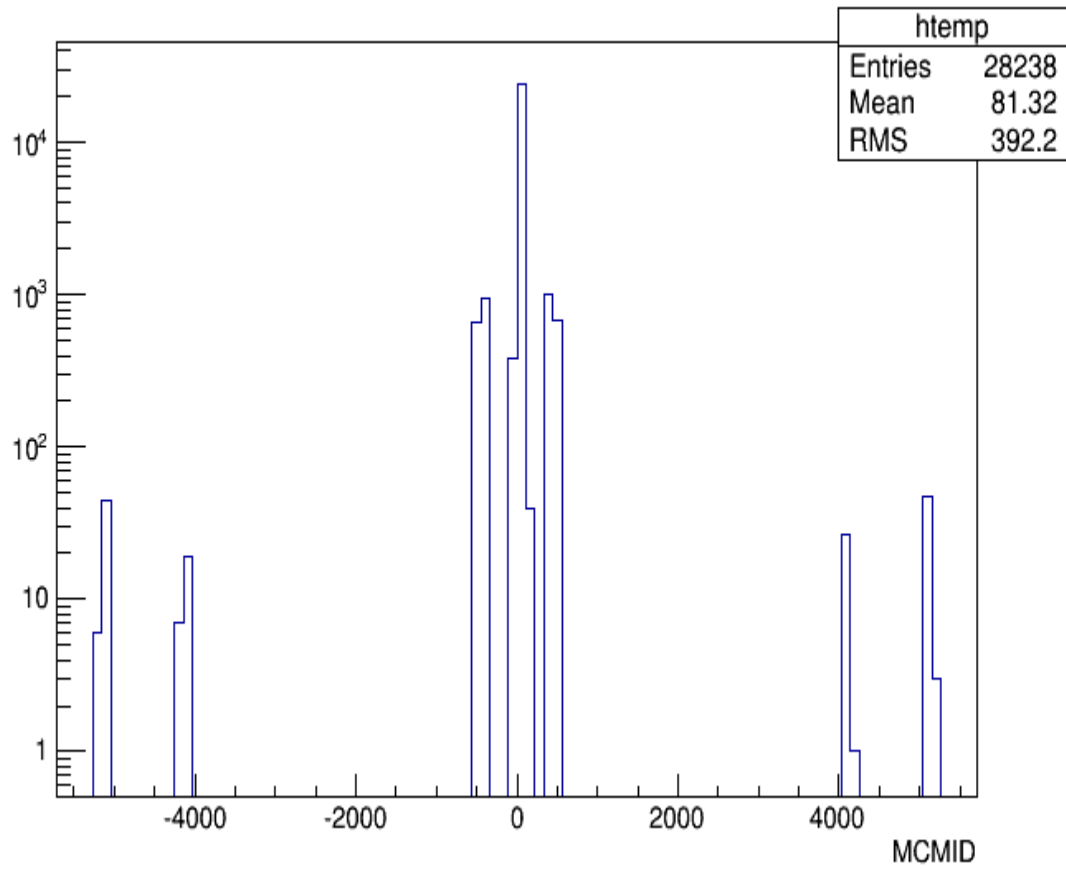


Dis Distribution for nn events at 250 GeV(6)



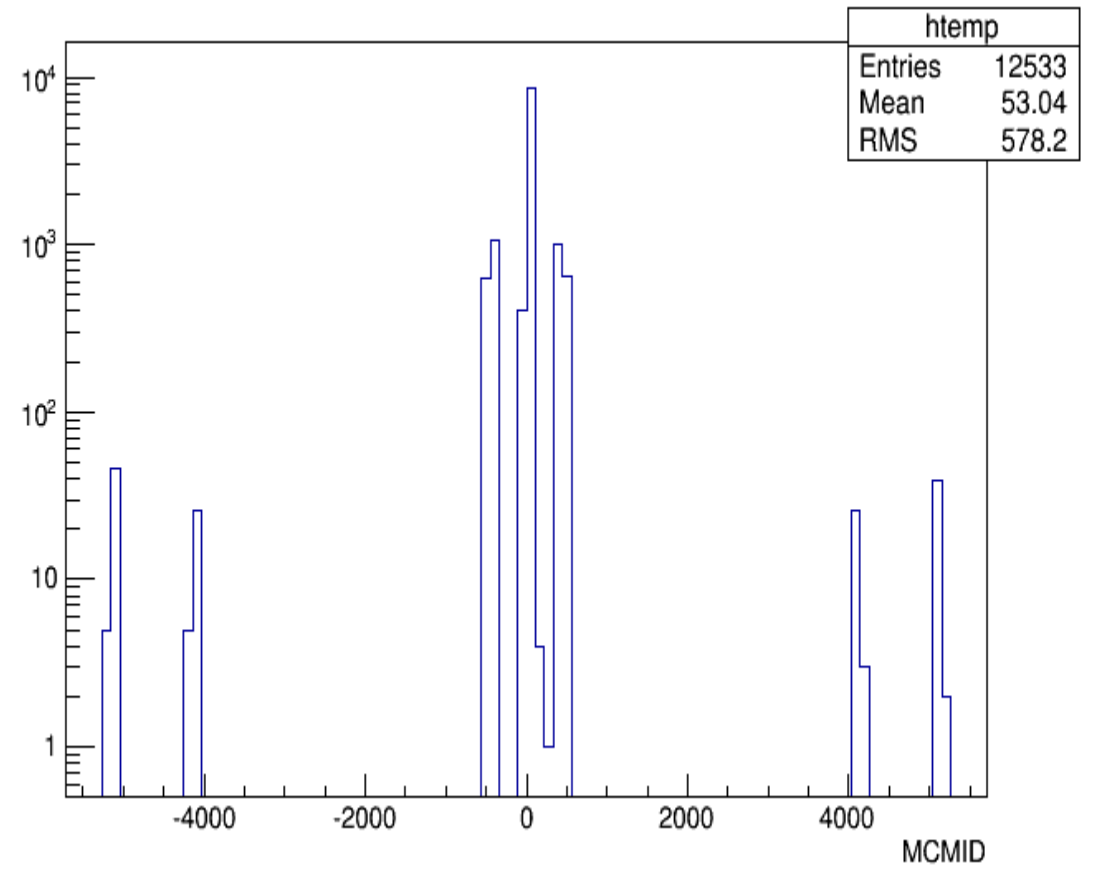
backup

MCMID {abs(PDG) == 11 && ClosestDis < 40 && ClosestDis > 7}



eeH

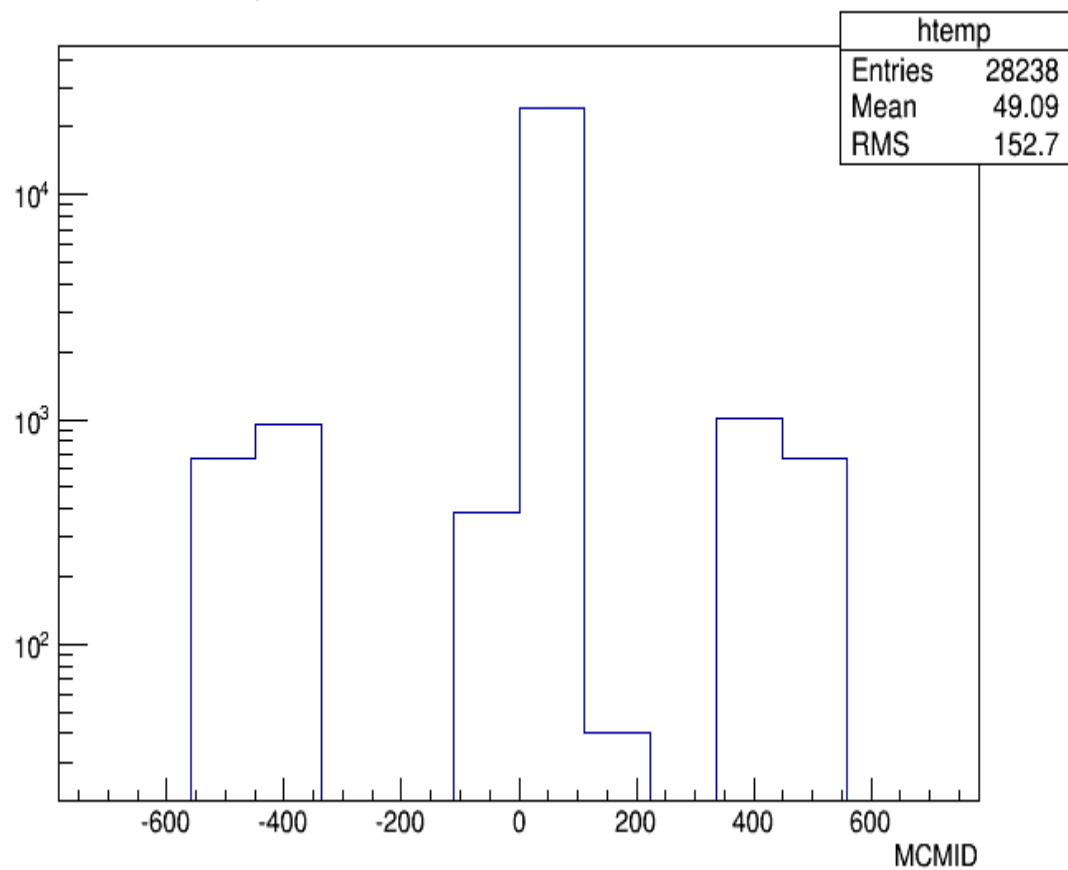
MCMID {abs(PDG) == 13 && ClosestDis < 40 && ClosestDis > 7}



mumuH

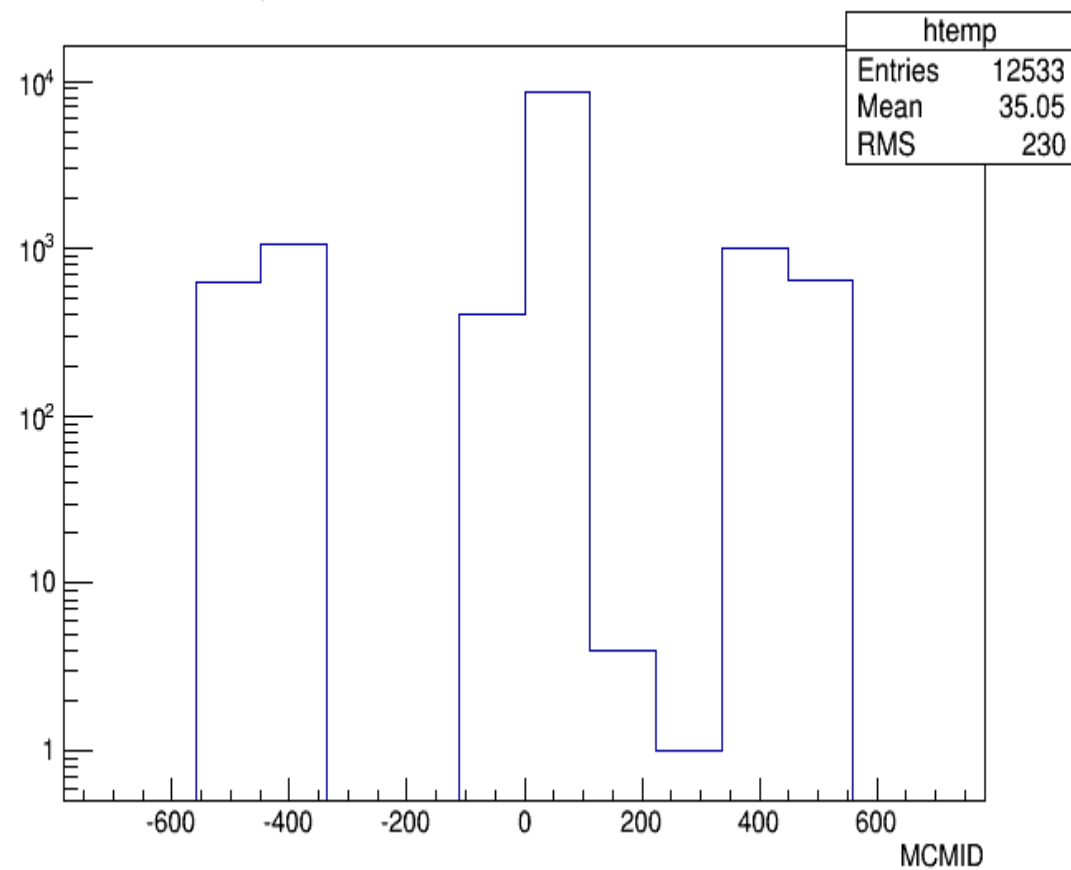
backup

MCMID {abs(PDG) == 11 && ClosestDis < 40 && ClosestDis > 7}



eeH

MCMID {abs(PDG) == 13 && ClosestDis < 40 && ClosestDis > 7}



mumuH