

## List of Cuts applied

//0.3 < MM2 < 1.7(Missing Mass Squared)  
(Missing Energy)

//PMinus = (Rho0.E()+ Prot.E()) - (Rho0.Pz()+ Prot.Pz())

**C.L > 0.001**

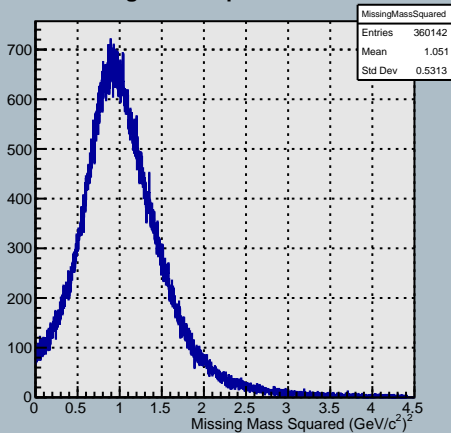
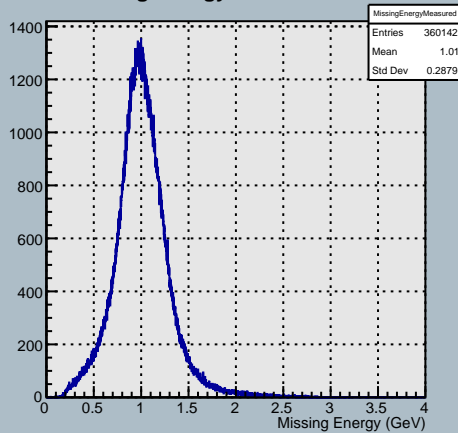
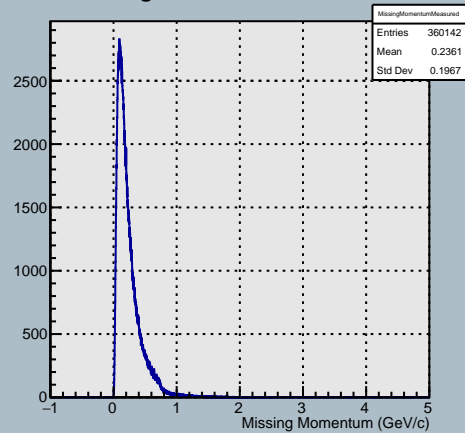
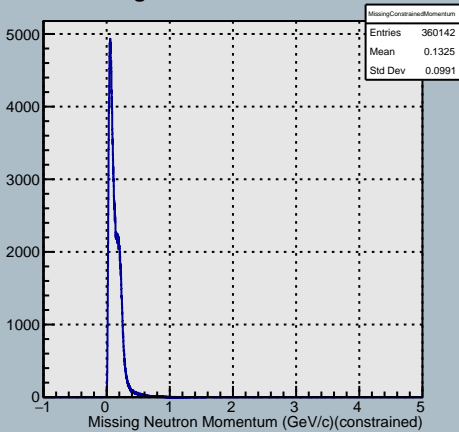
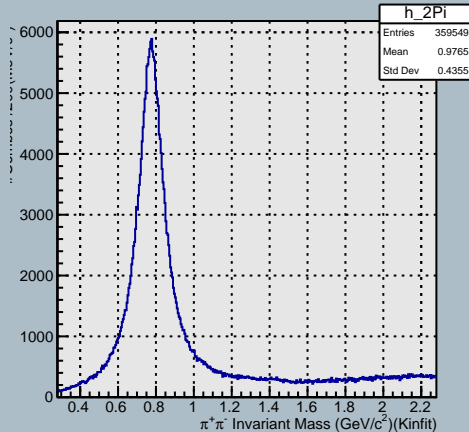
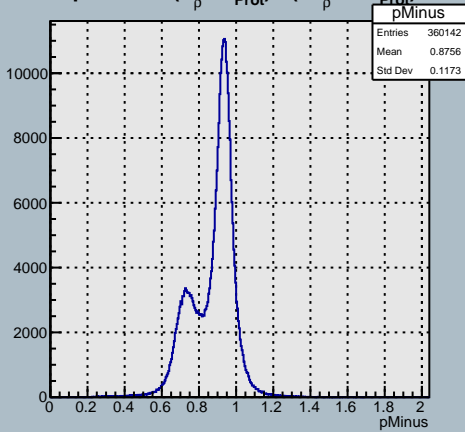
**BeamEnergy > 6.5 GeV**

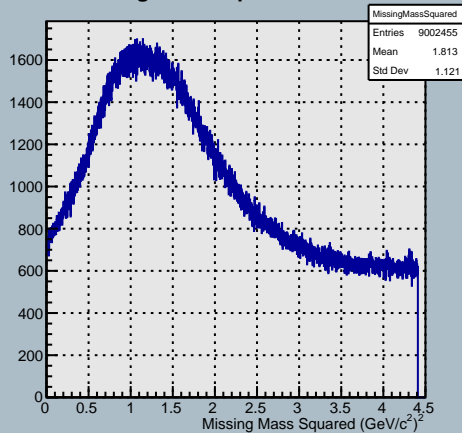
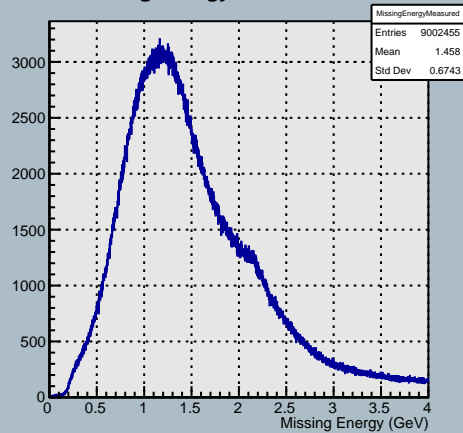
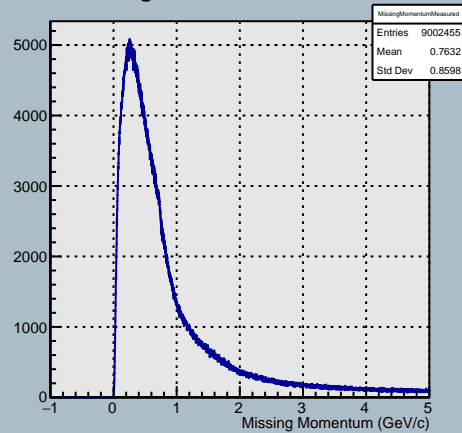
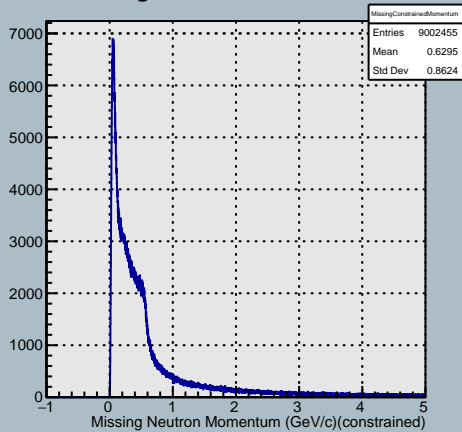
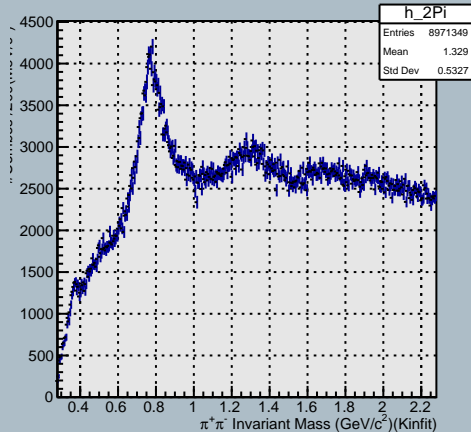
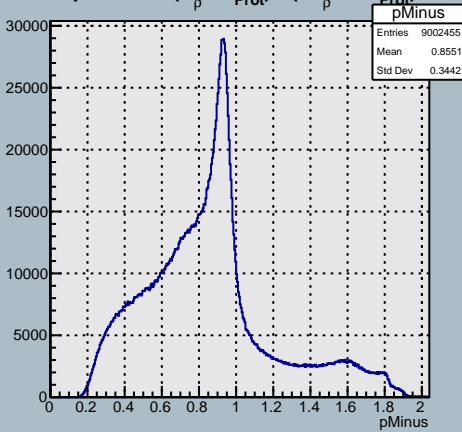
**52 cm < Zvertex < 78 cm**

**Coplanarity between Rho0 and Proton(165,195)**

**PipProt Invariant Mass < 1.3 && PimProt Invariant Mass 1.2**

**|t| > 1 ,|u| > 1 and tight cut on dE/dx of pions**

**Missing Mass Squared****Missing Energy****Missing Momentum****Missing Constrained Momentum****Invariant Mass  $\pi^+\pi^-$**  **$p_{\text{Minus}} = (E_{\rho} + E_{\text{Prot}}) - (P_z_{\rho} + P_z_{\text{Prot}})$** 

**Missing Mass Squared****Missing Energy****Missing Momentum****Missing Constrained Momentum****Invariant Mass  $\pi^+\pi^-$**  **$p_{\text{Minus}} = (E_p + E_{\text{Prot}}) - (P_z_p + P_z_{\text{Prot}})$** 

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**PMinus = 0.8 < pMinus < 1.1**

**C.L > 0.001**

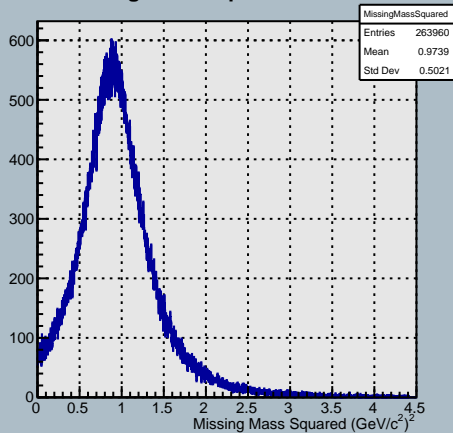
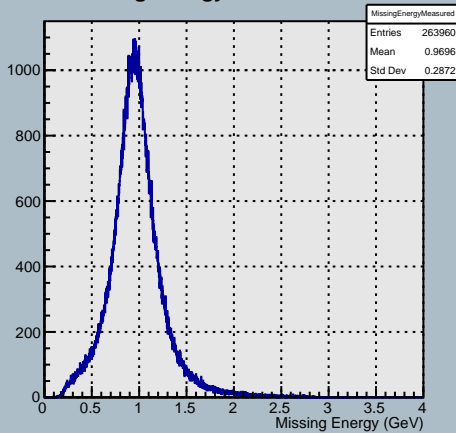
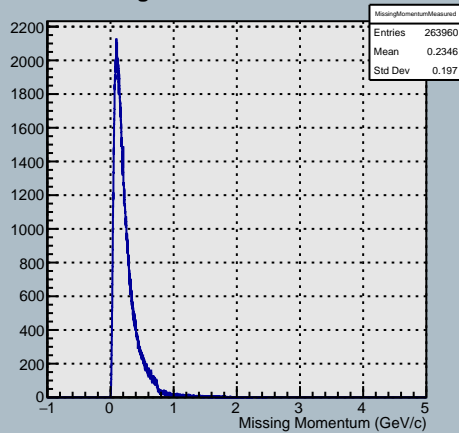
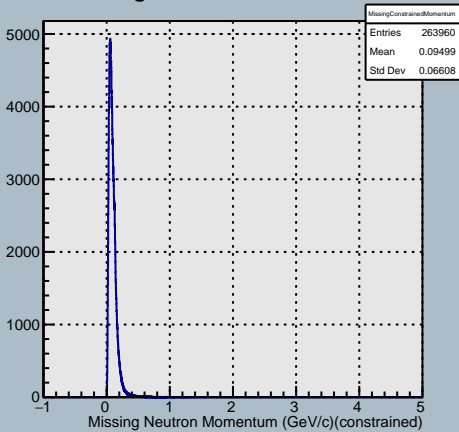
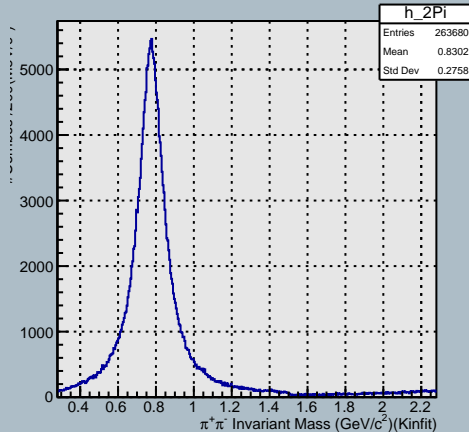
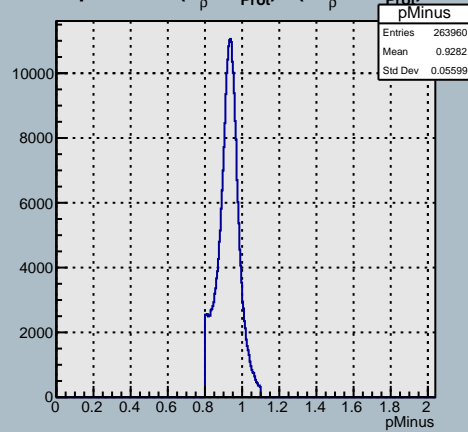
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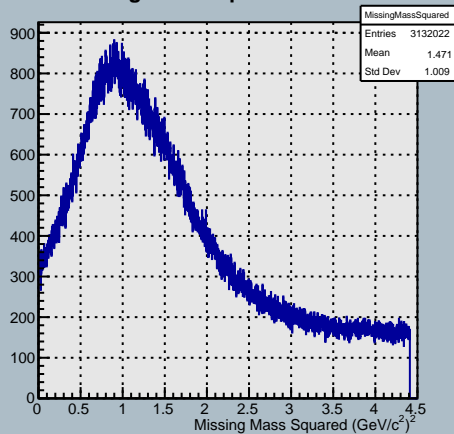
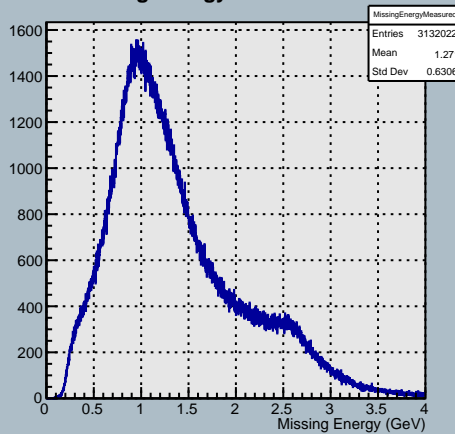
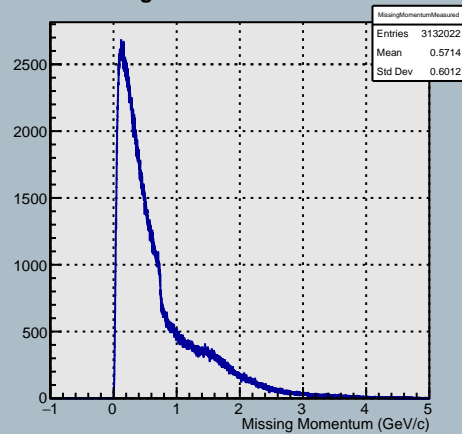
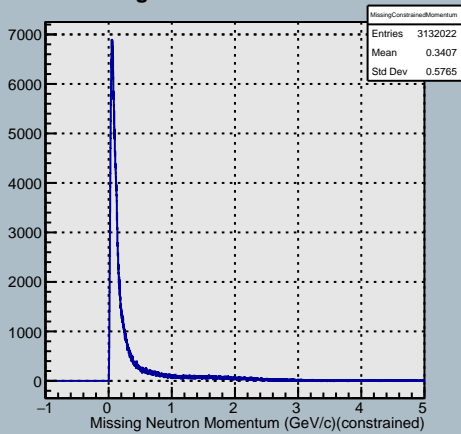
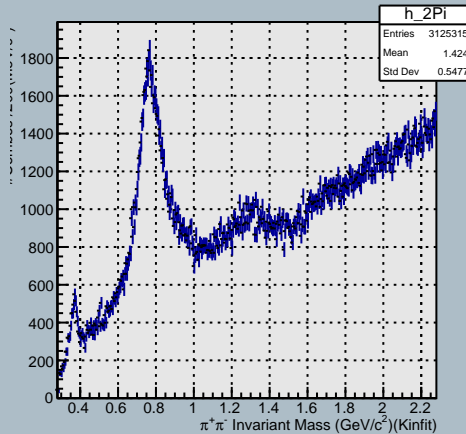
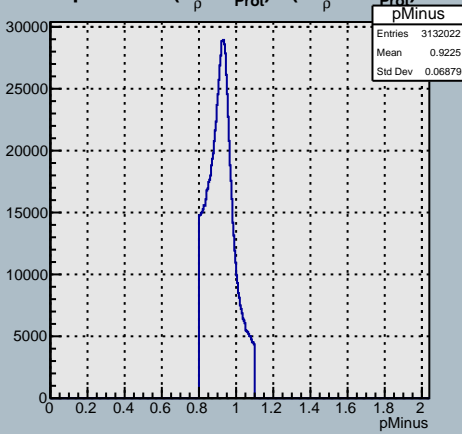
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**(Missing Energy)**

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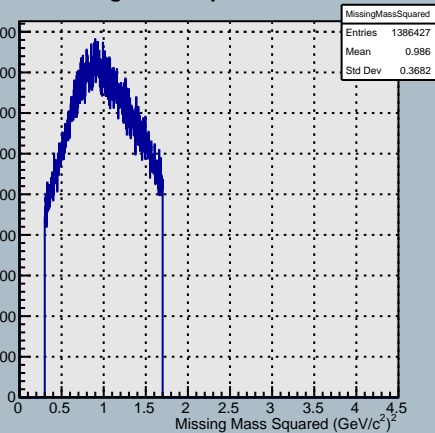
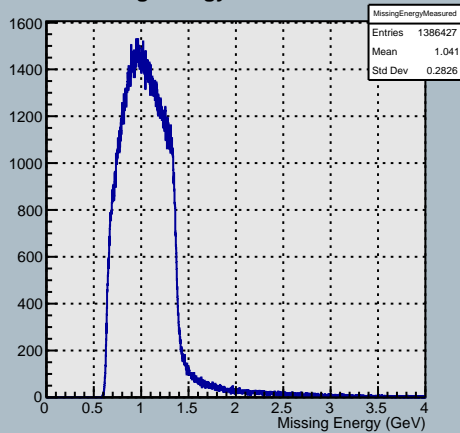
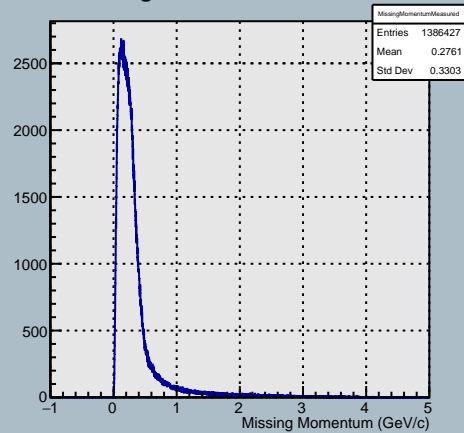
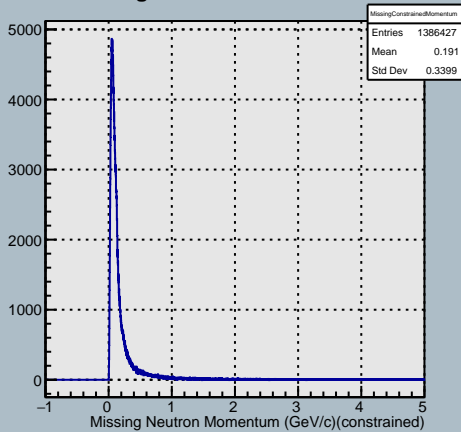
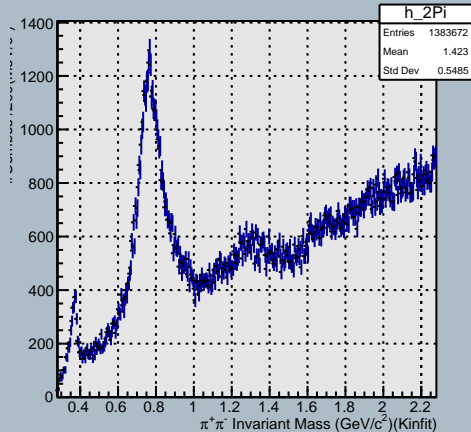
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