

Non-prompt J/ψ Analysis

Himanshu Sharma

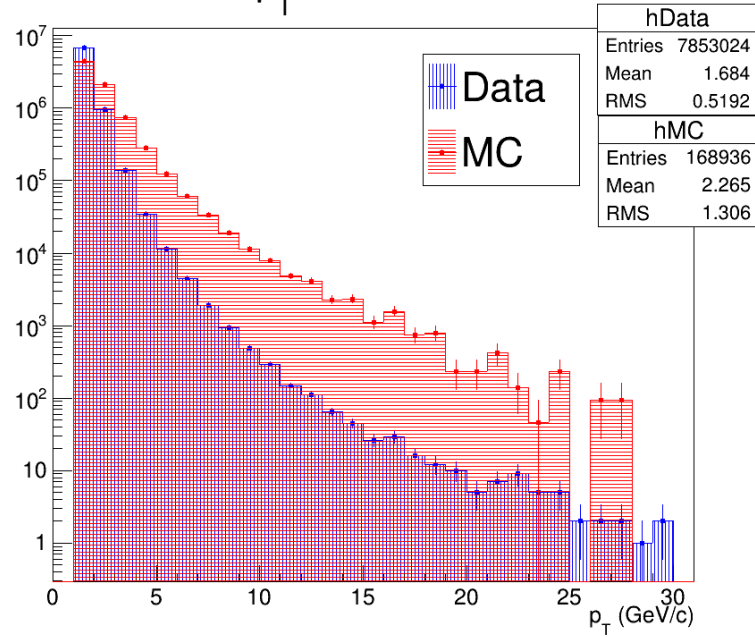
Non-prompt J/psi Analysis

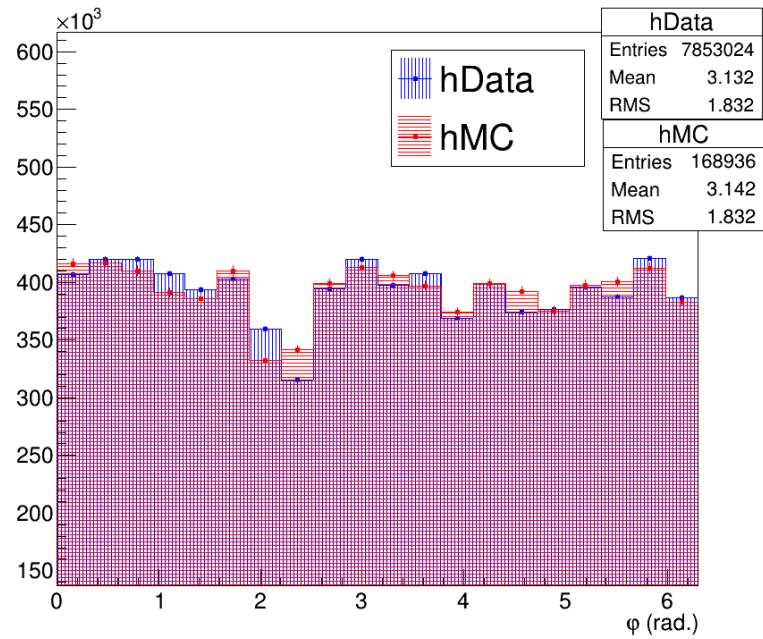
- For the input of NN's (BNN by Jacek)
 - Comparison of Data and MC (To find the best observables)
 - Distributions are reweighted
 - Comparison of Non-prompt and Prompt jpsi

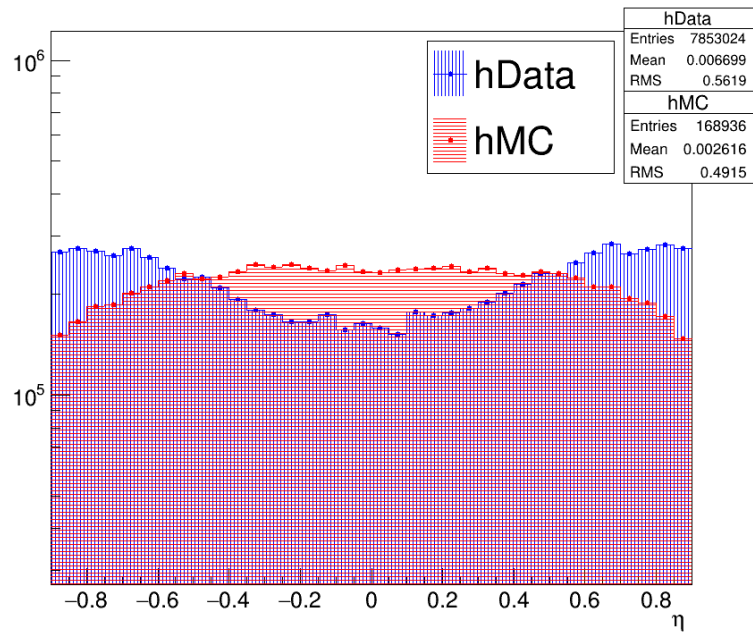
Data-MC Comparision

- 5 – Good Runs from LHC18r

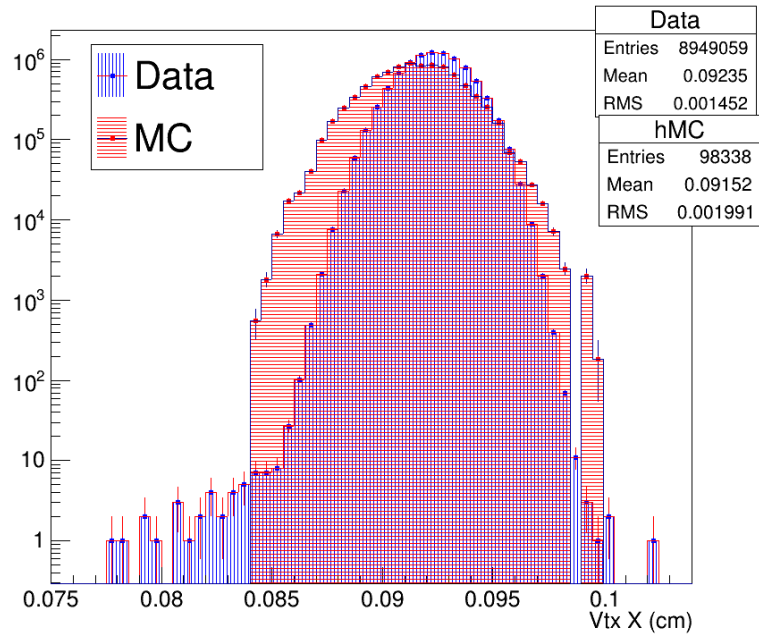
p_T distribution



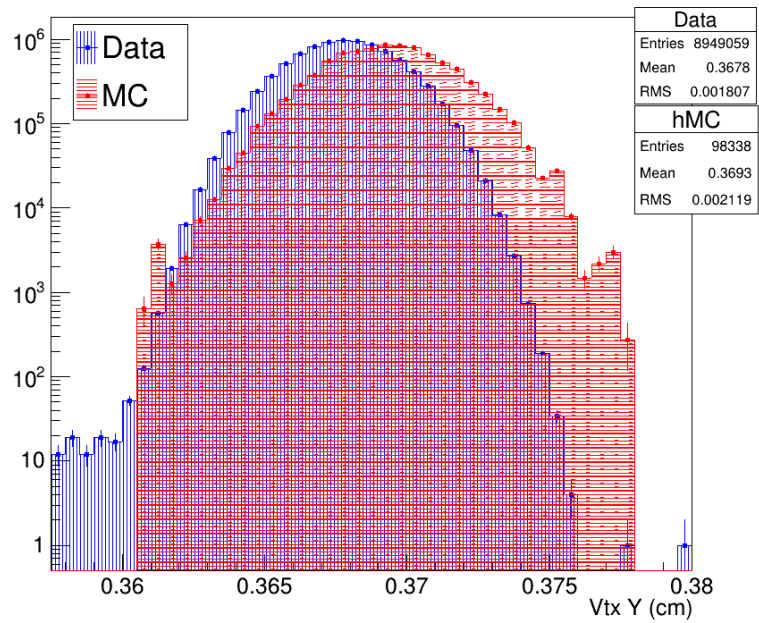


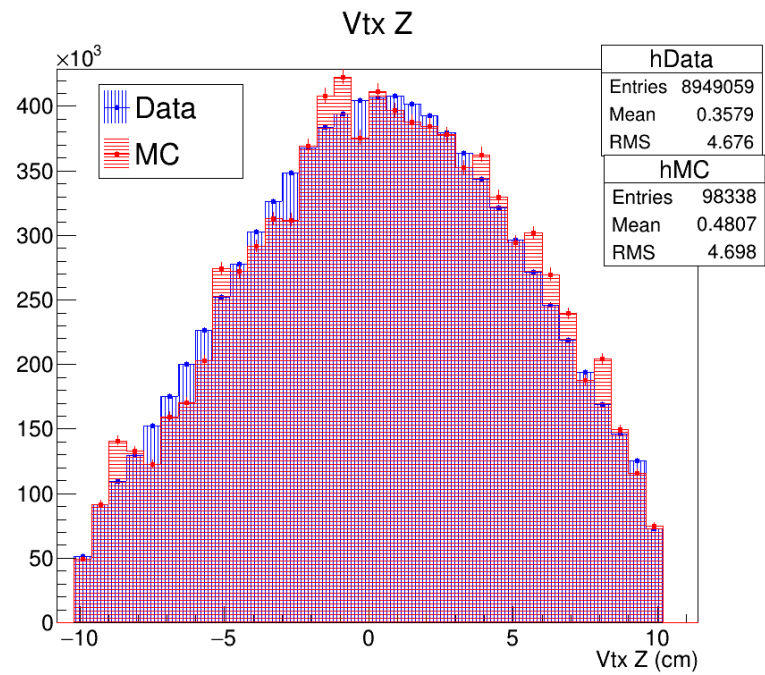


Vtx X

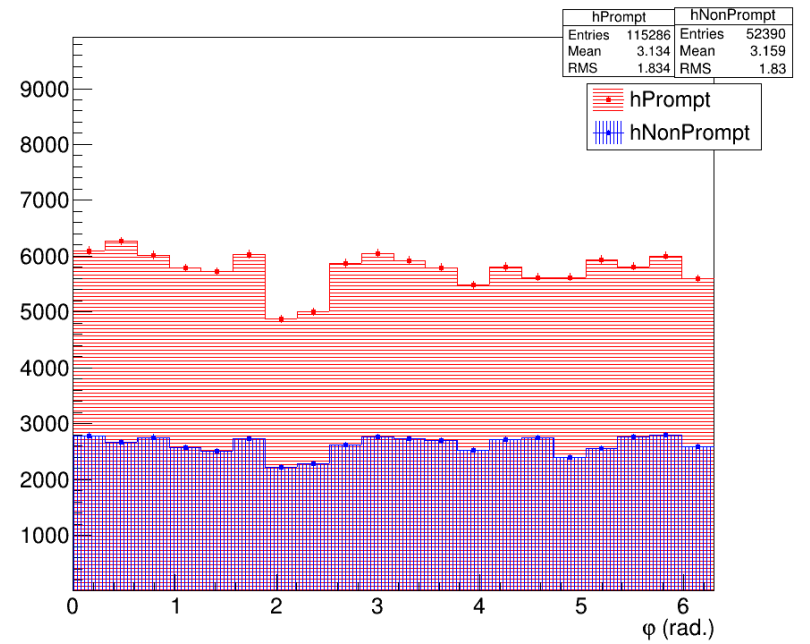
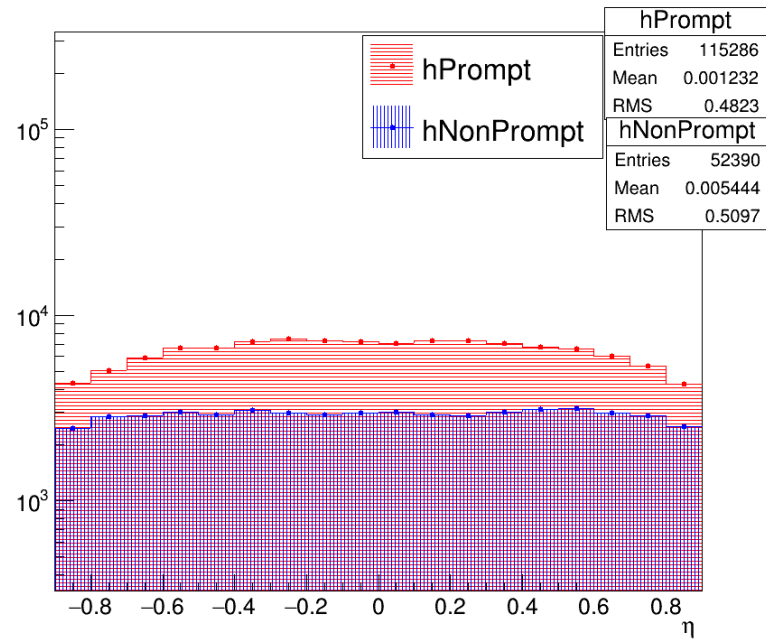


Vtx Y

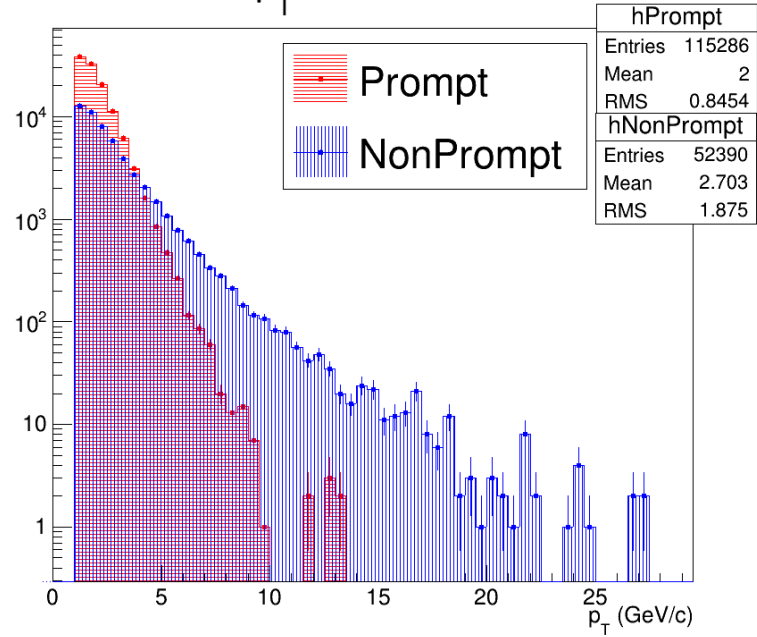


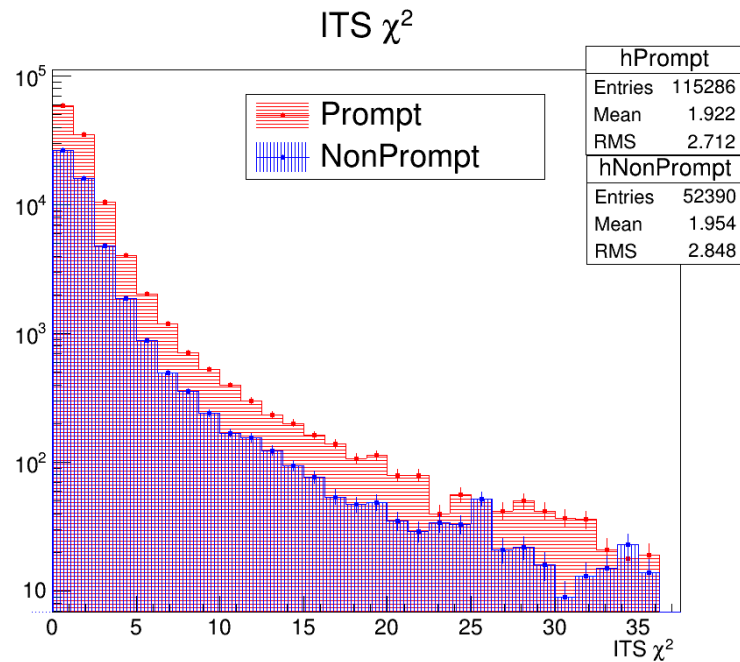
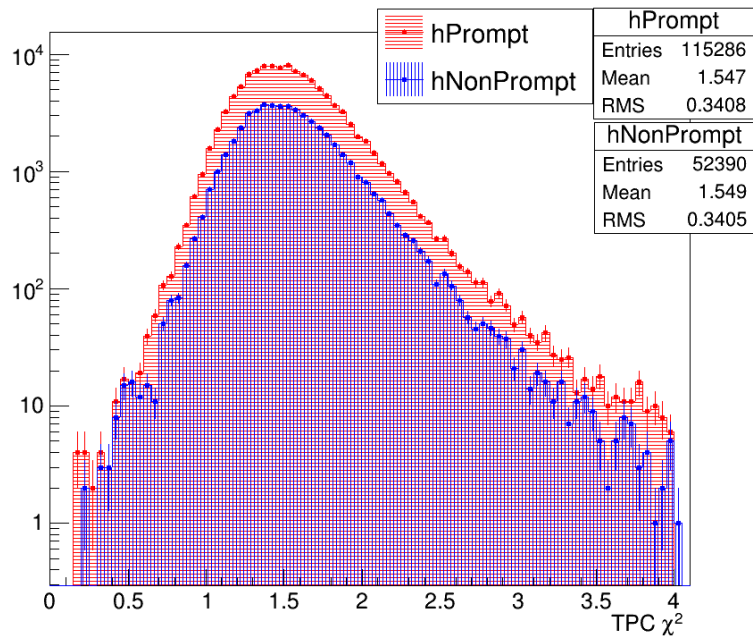


Prompt and Non-prompt distributions

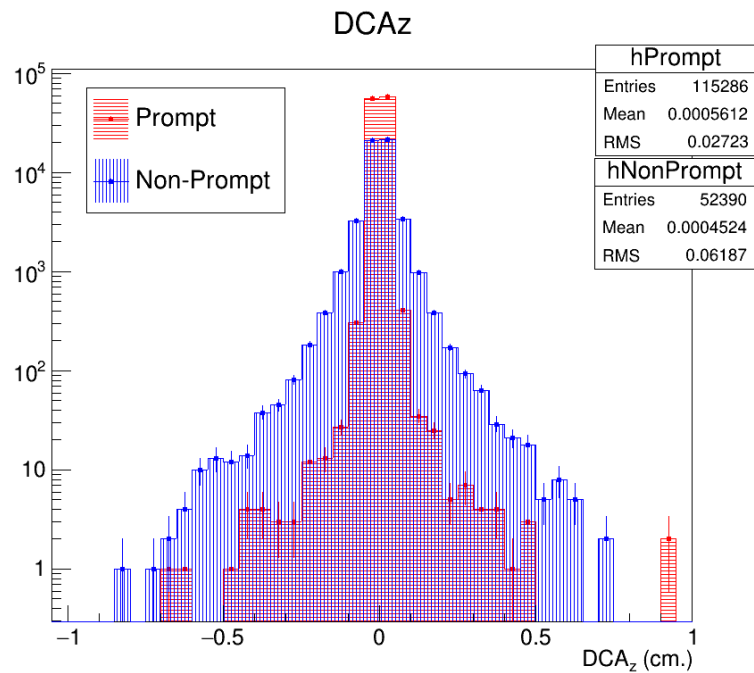
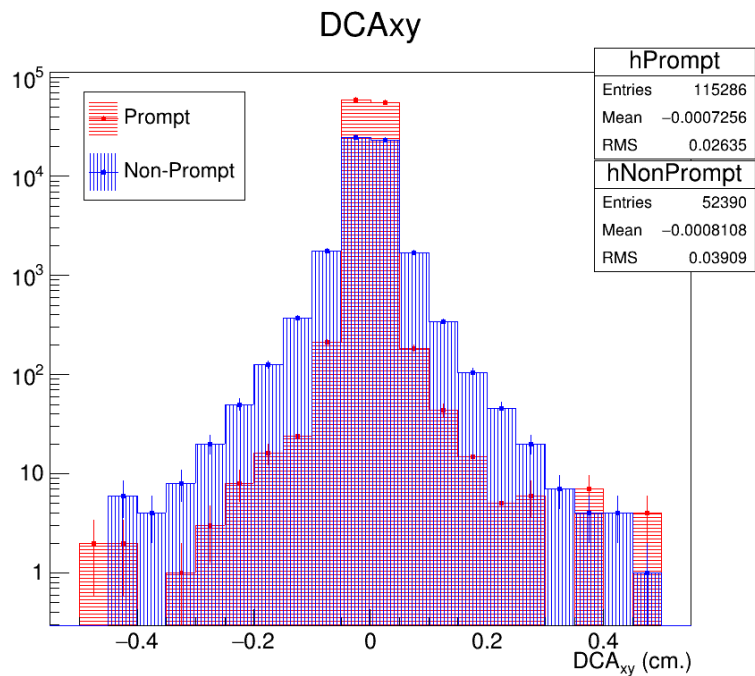


p_T distribution

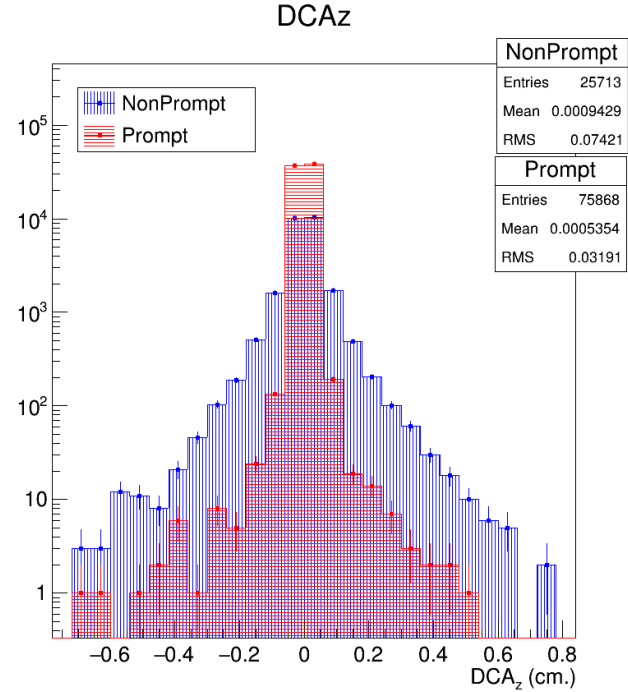
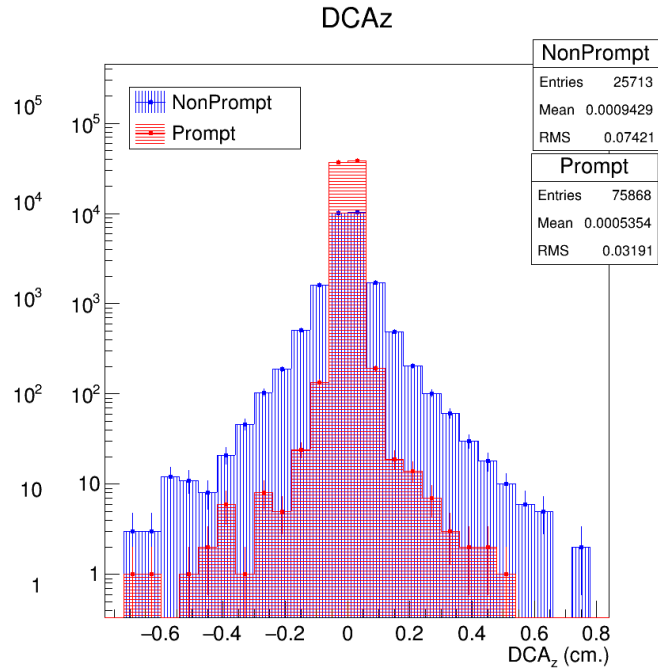




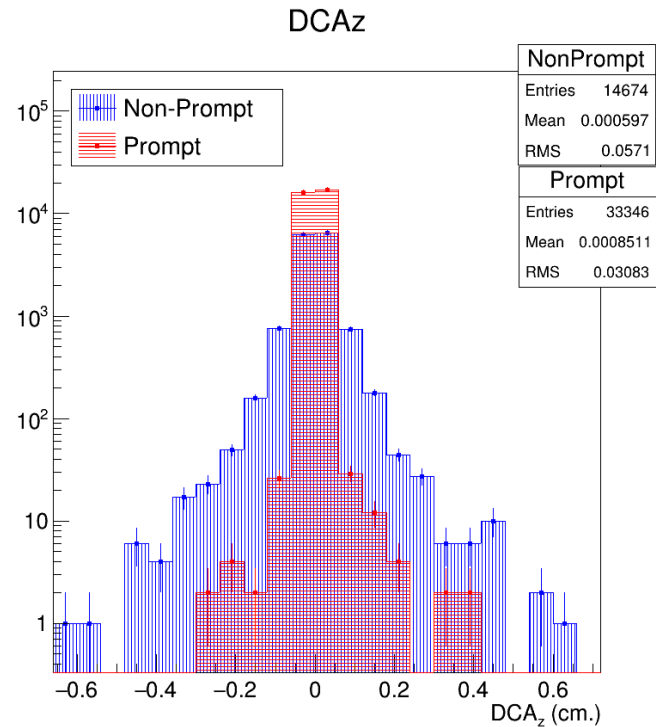
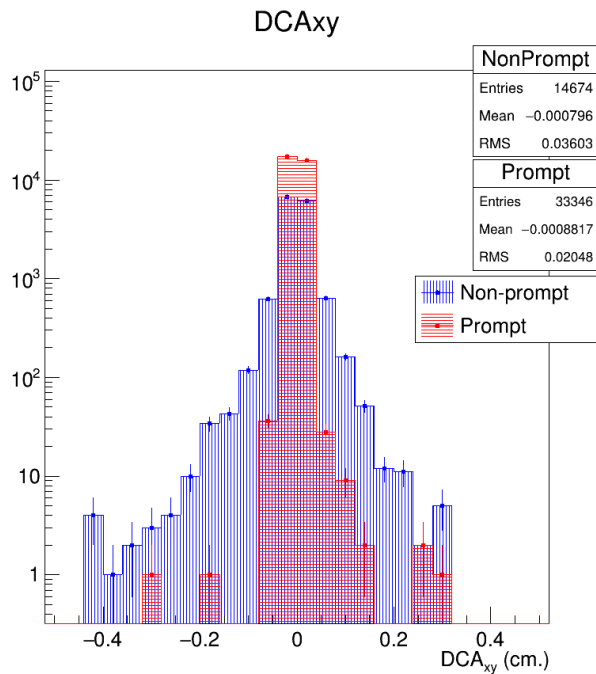
DCAs



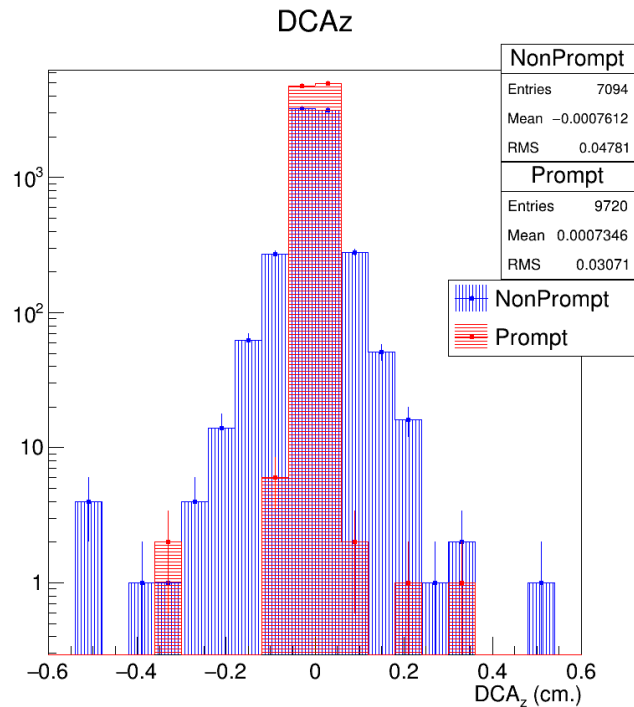
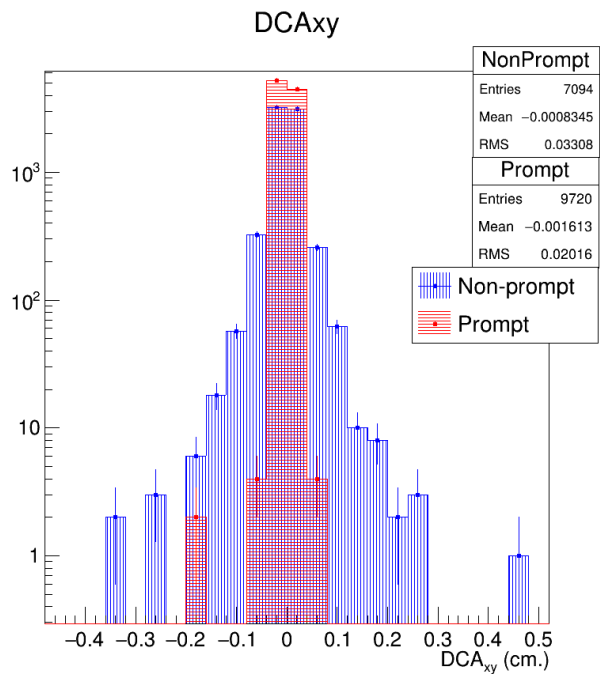
DCA in pT-range [1,2]



DCAxy in pT-range [2,3]



DCAxy in pT-range [3,4]



DCA_{xy} in pT-range [4,5]

