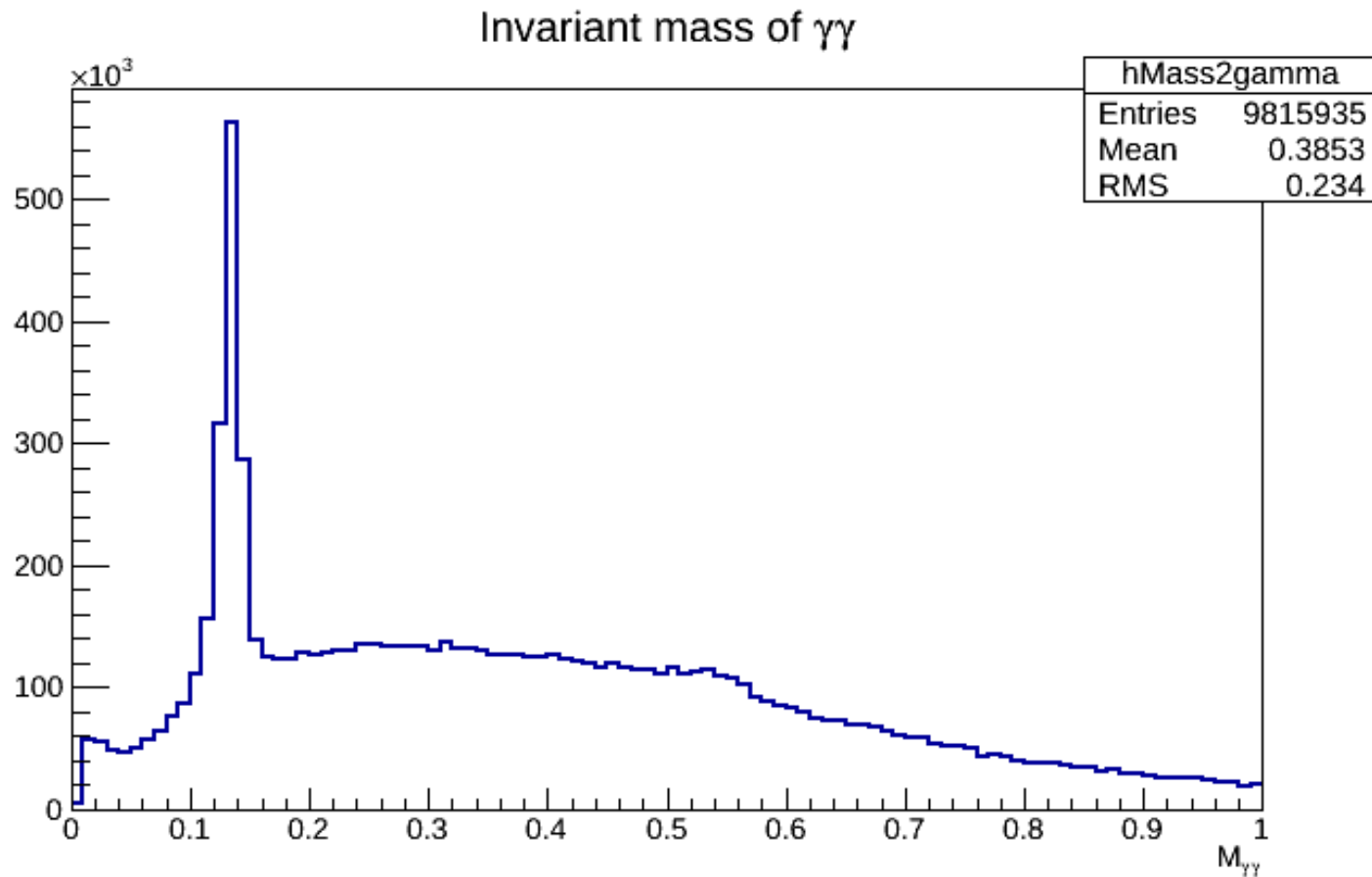
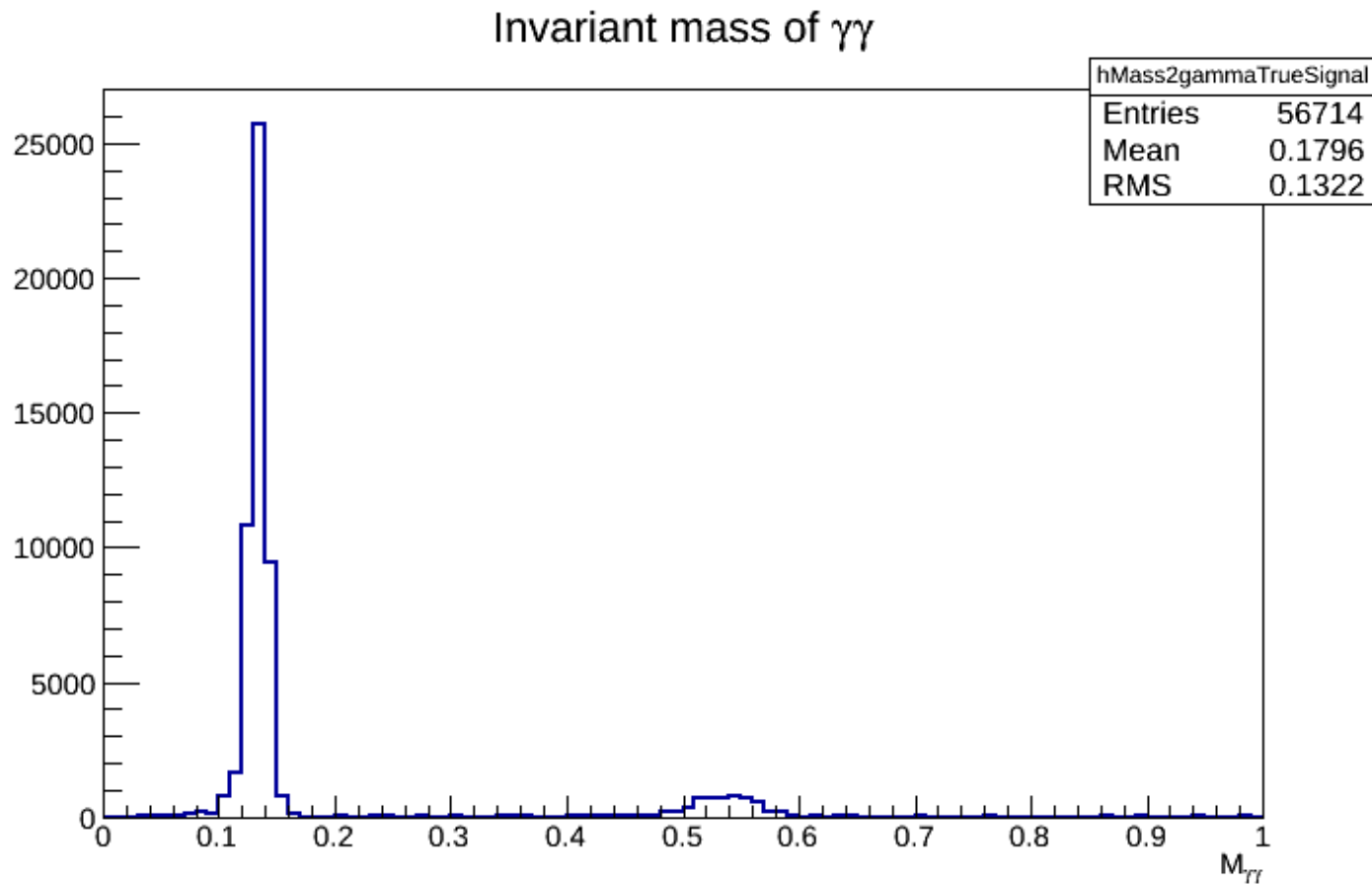


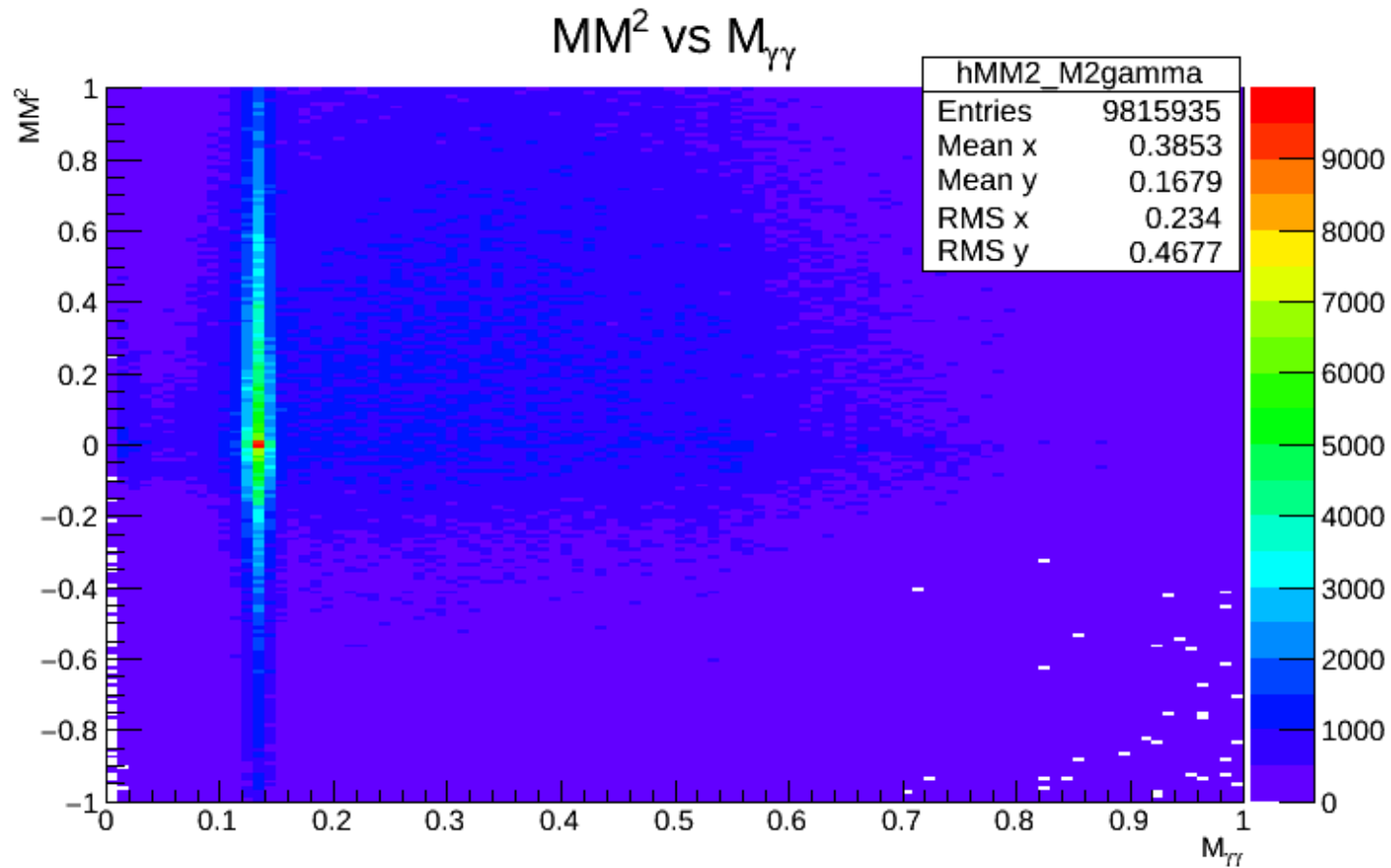
# All Events(Signal + Background)



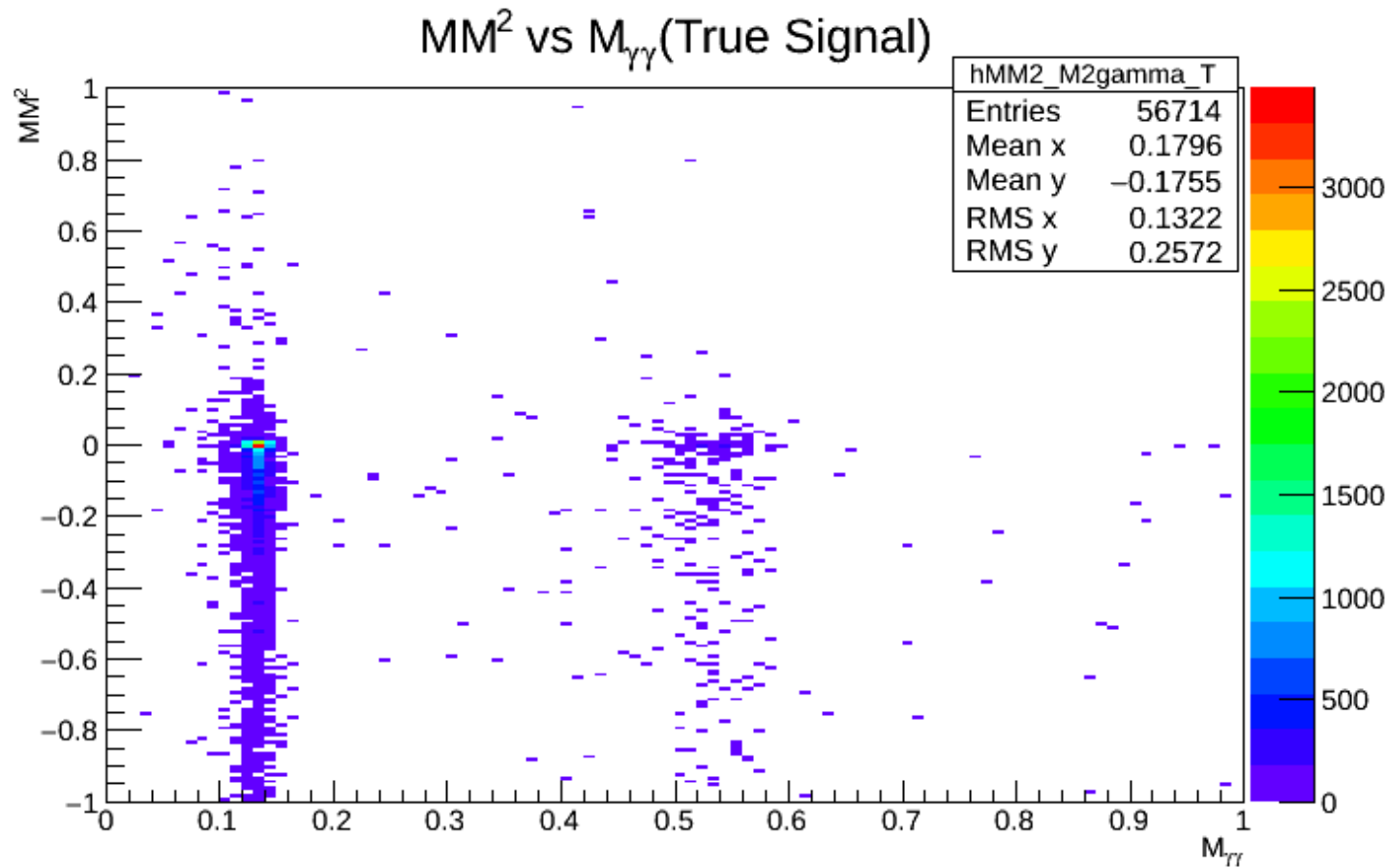
# True Signal (Exclusive Two Gammas)



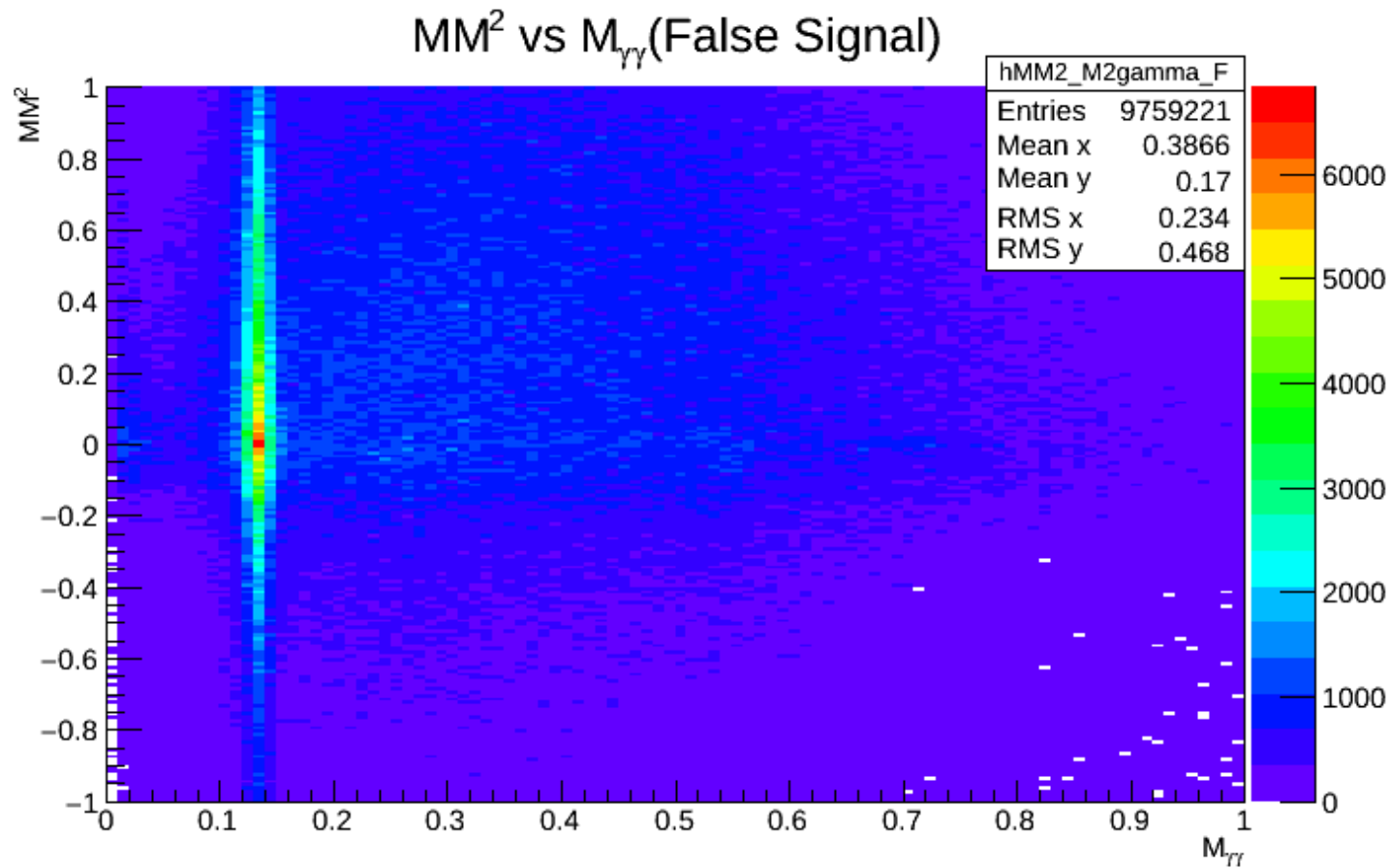
# Missing Mass Square for all the Events



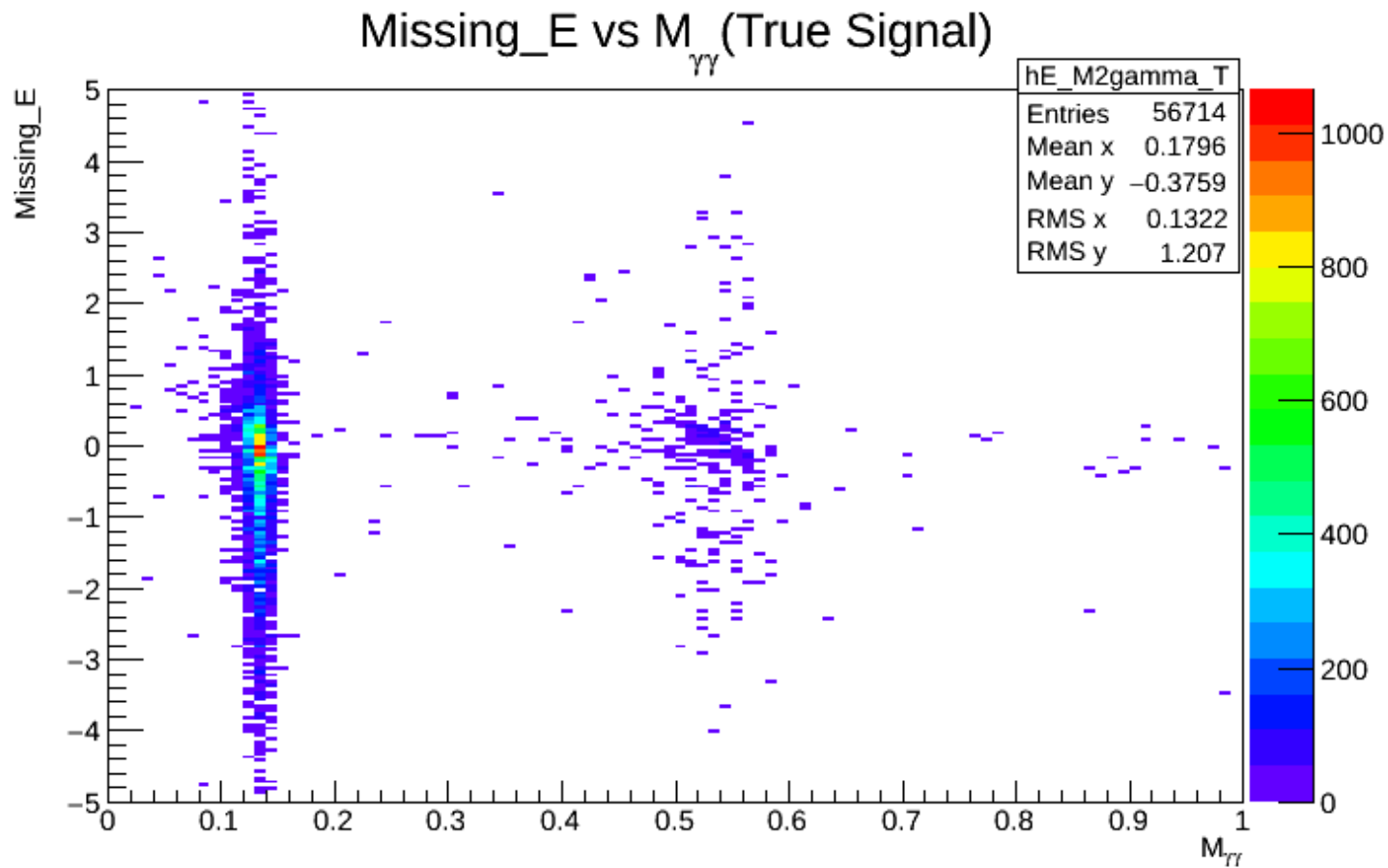
# Missing Mass Squared (True Signal only)



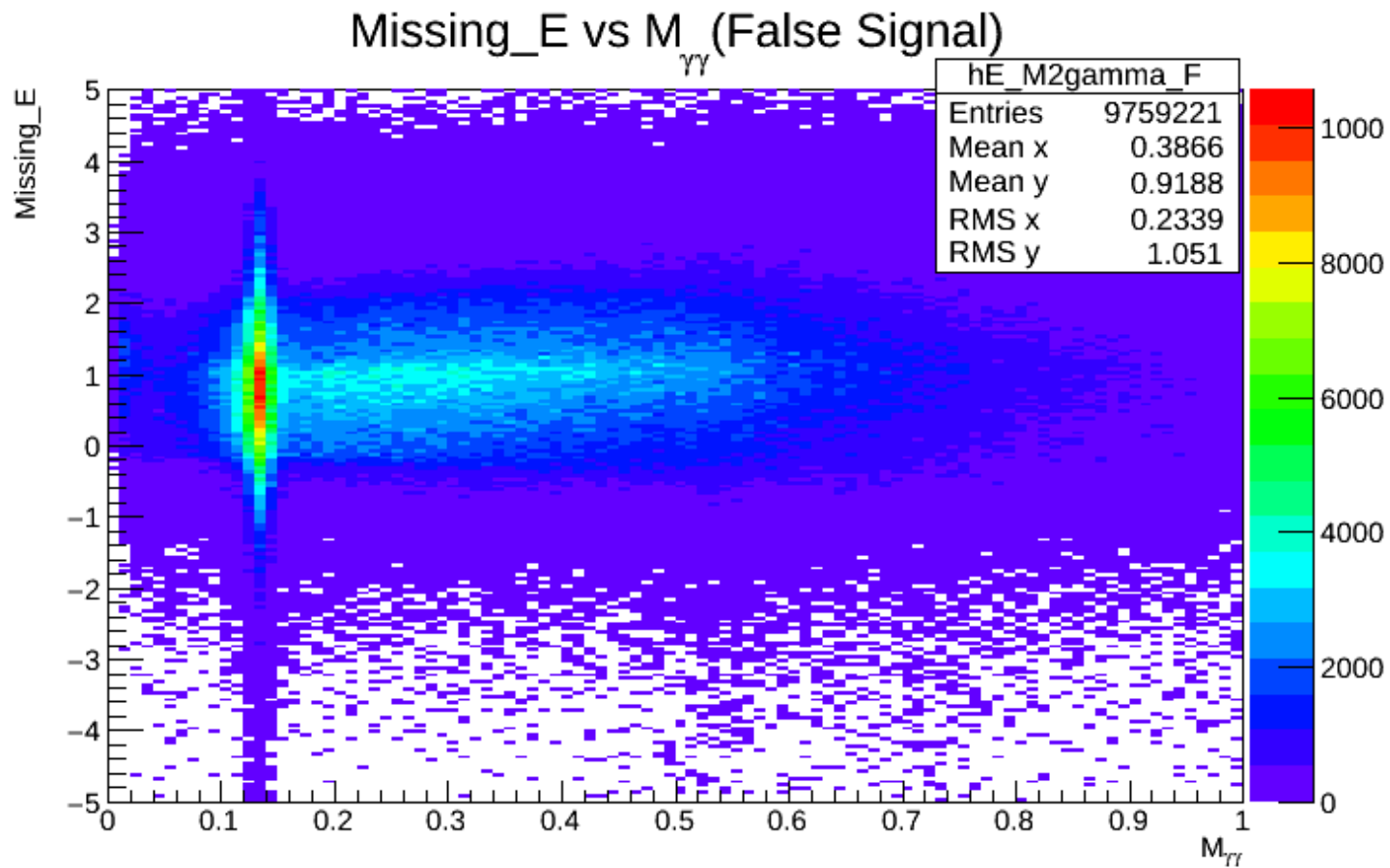
# Missing Mass Squared for false signal



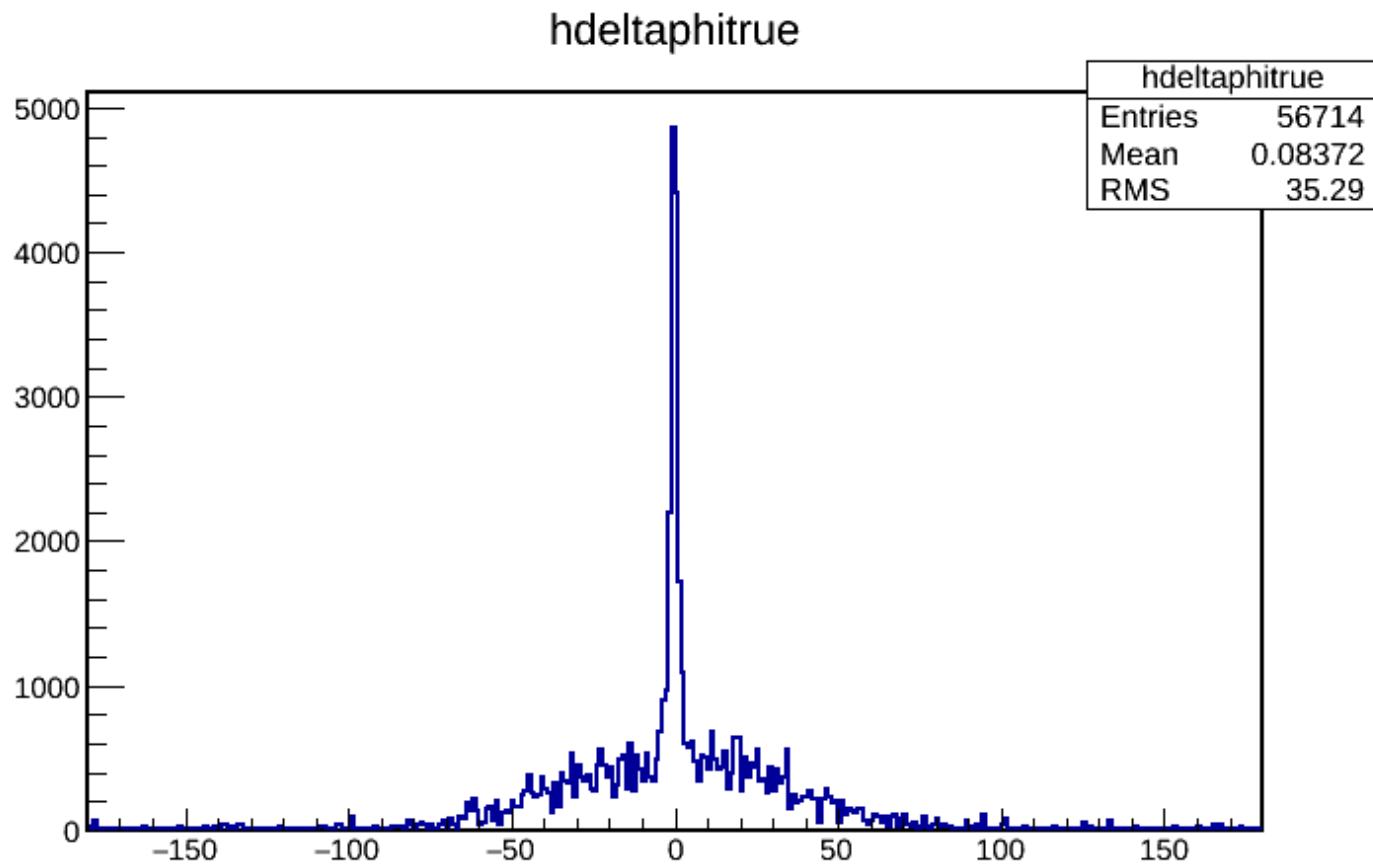
# Missing Energy for true signal only



# Missing Energy for false Signal only

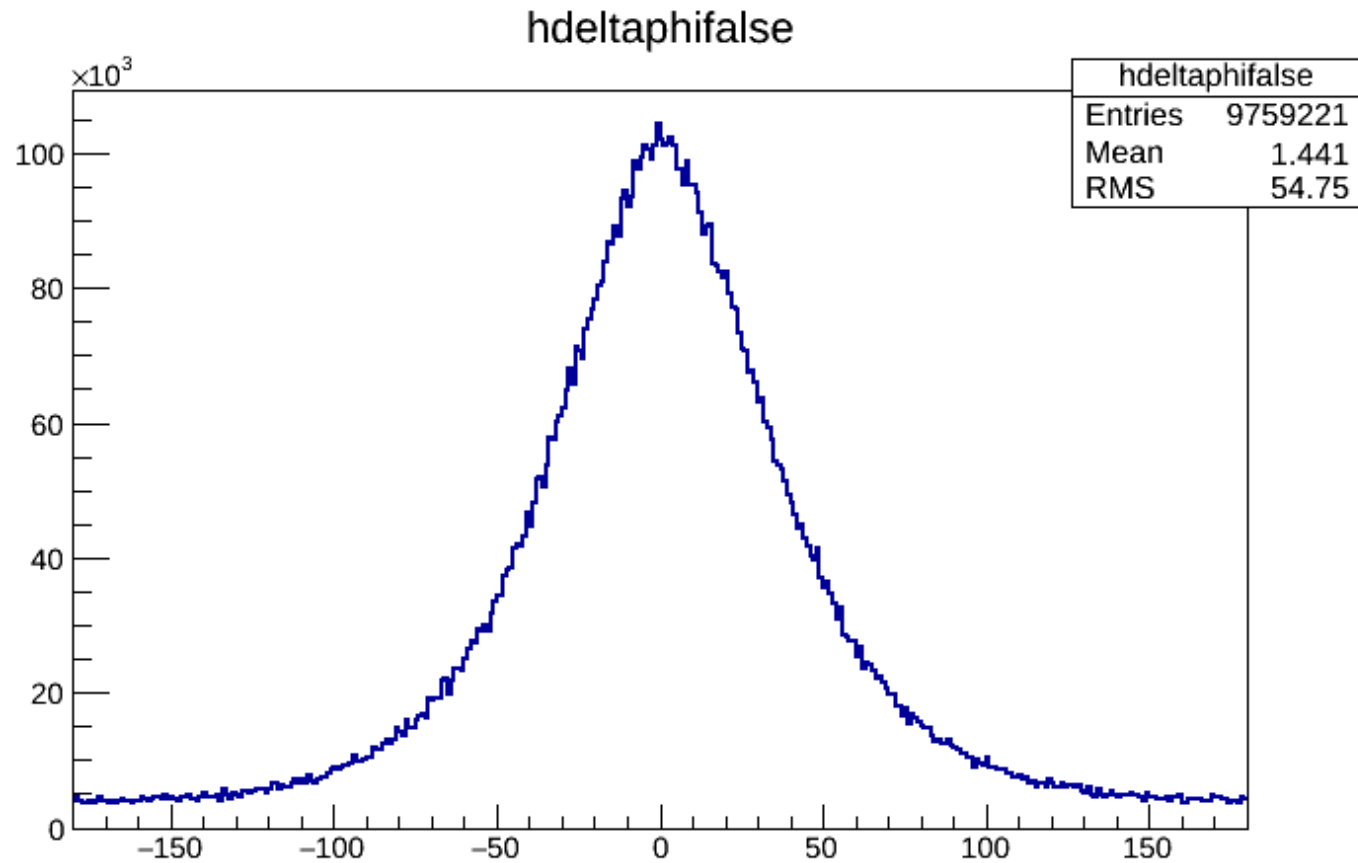


# Delta Phi Plot for True signal only

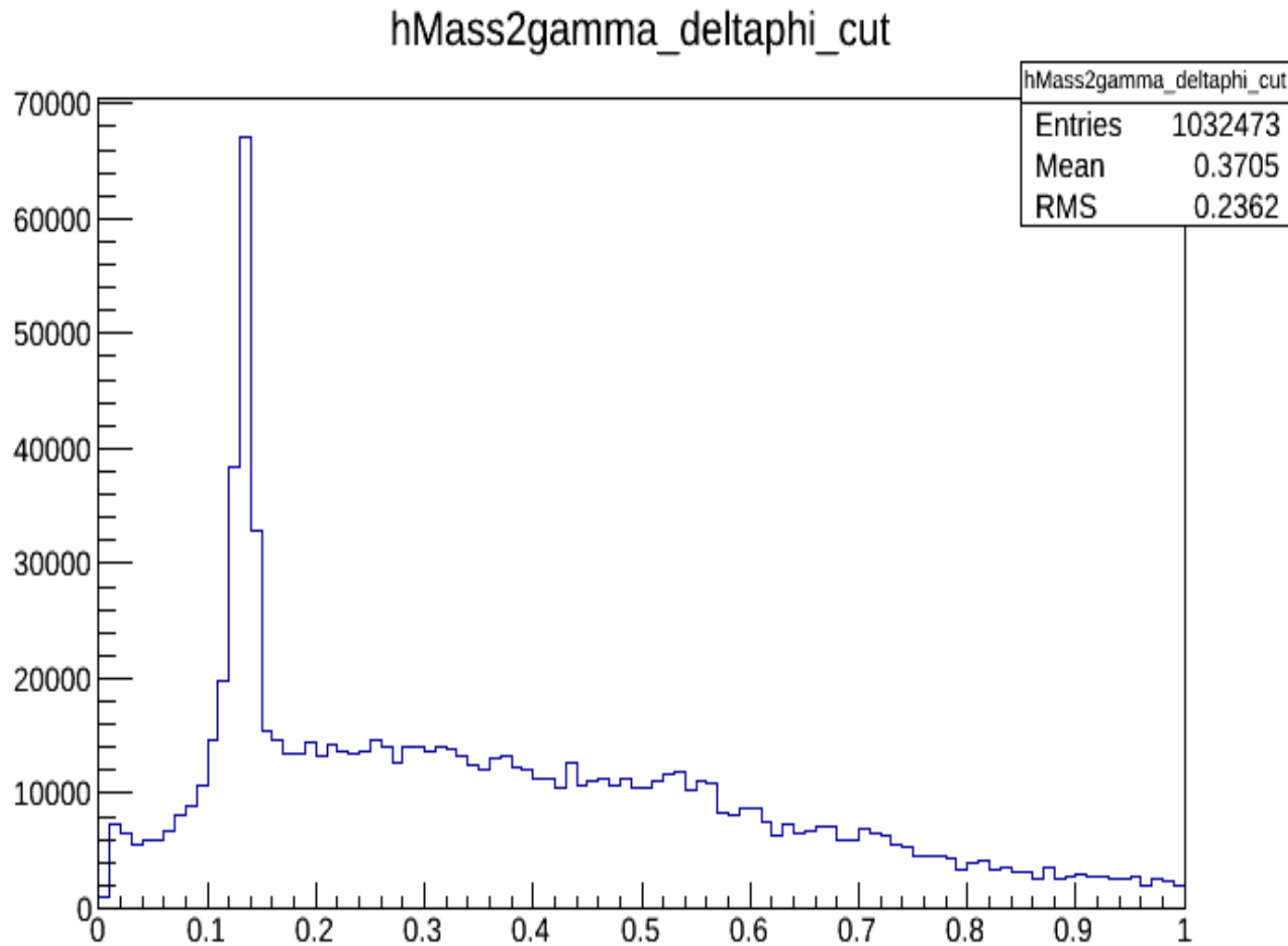




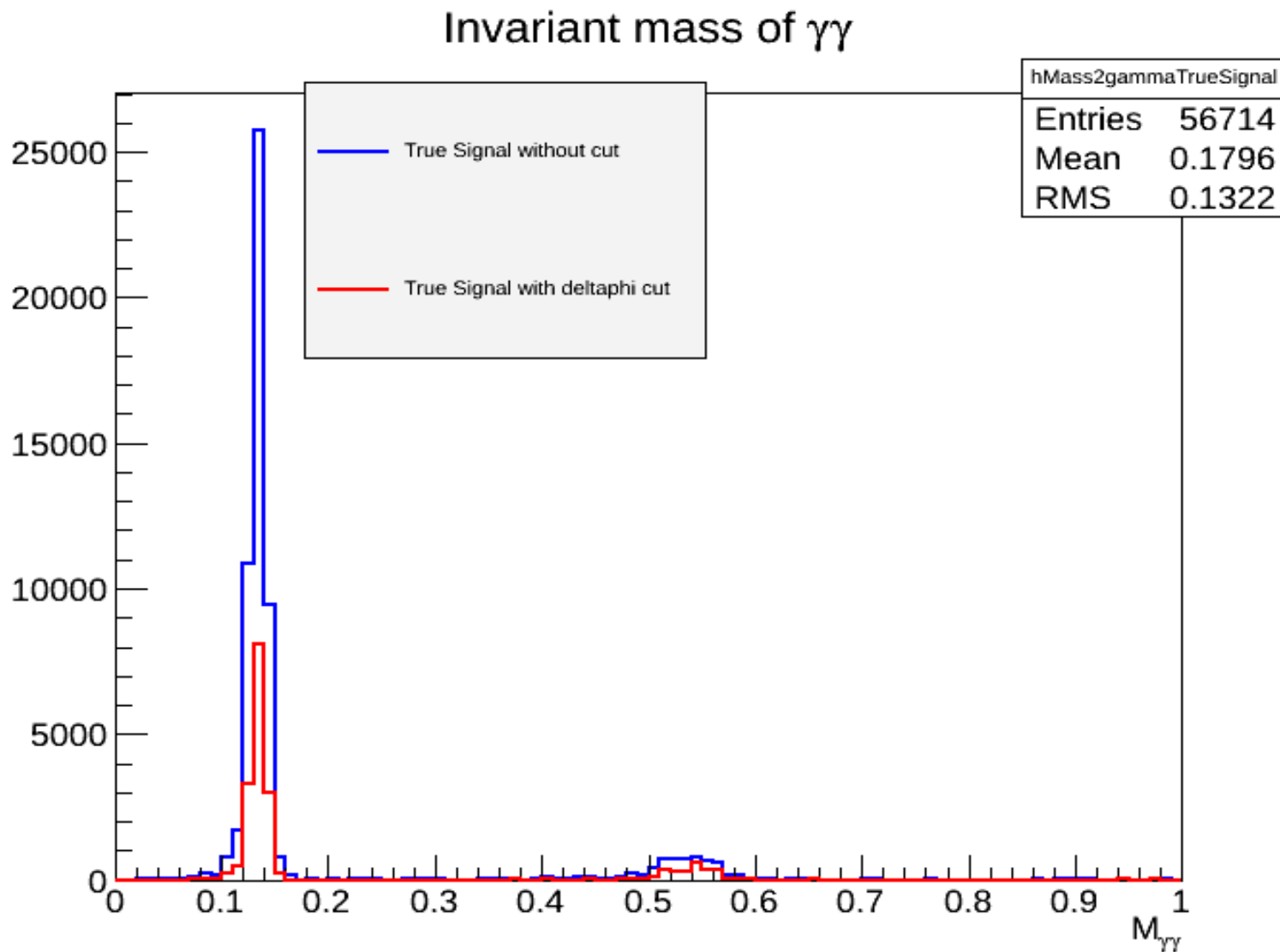
# Delta Phi plot for false signal only



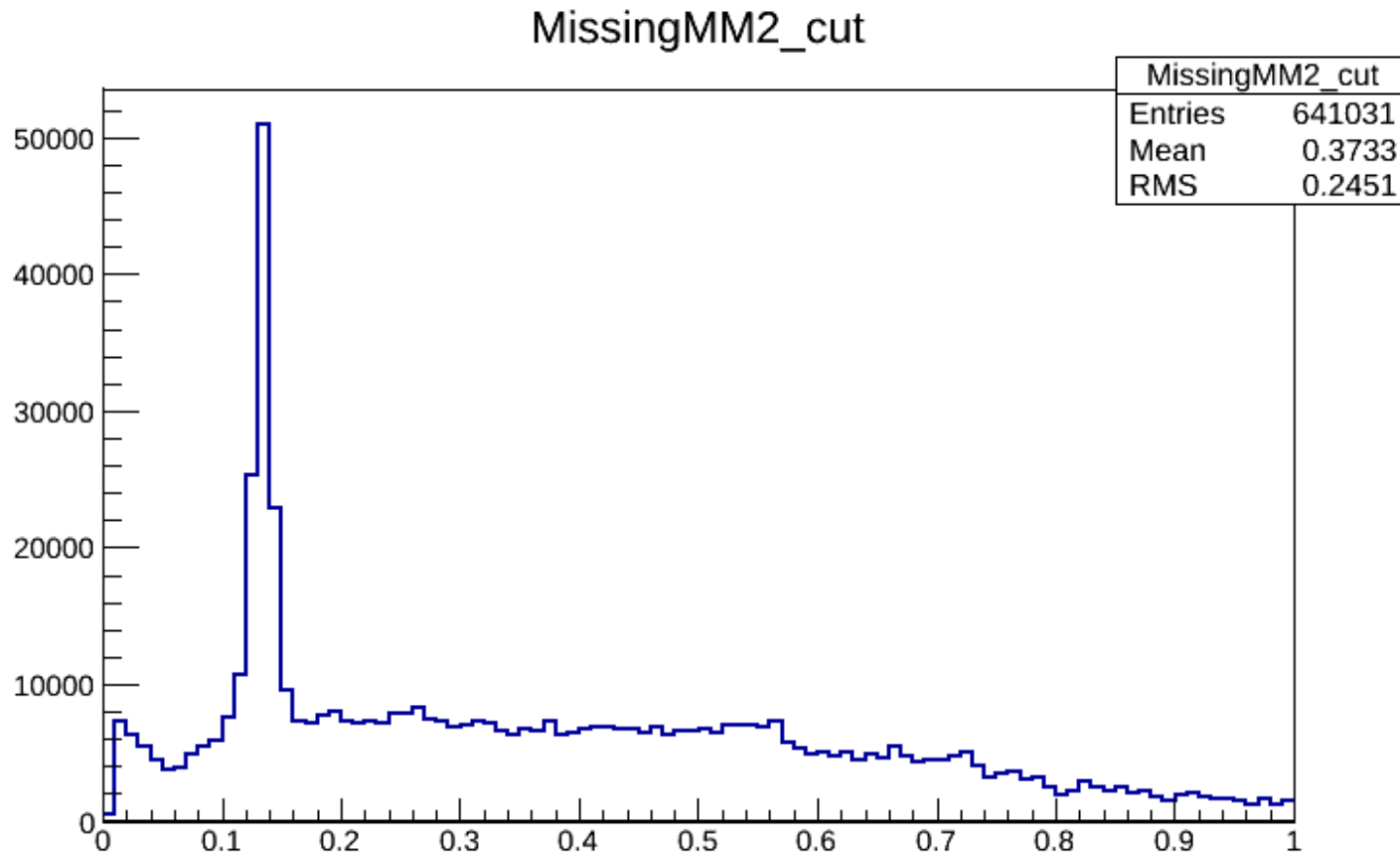
# Delta Phi Cut on all event between (-5,5)



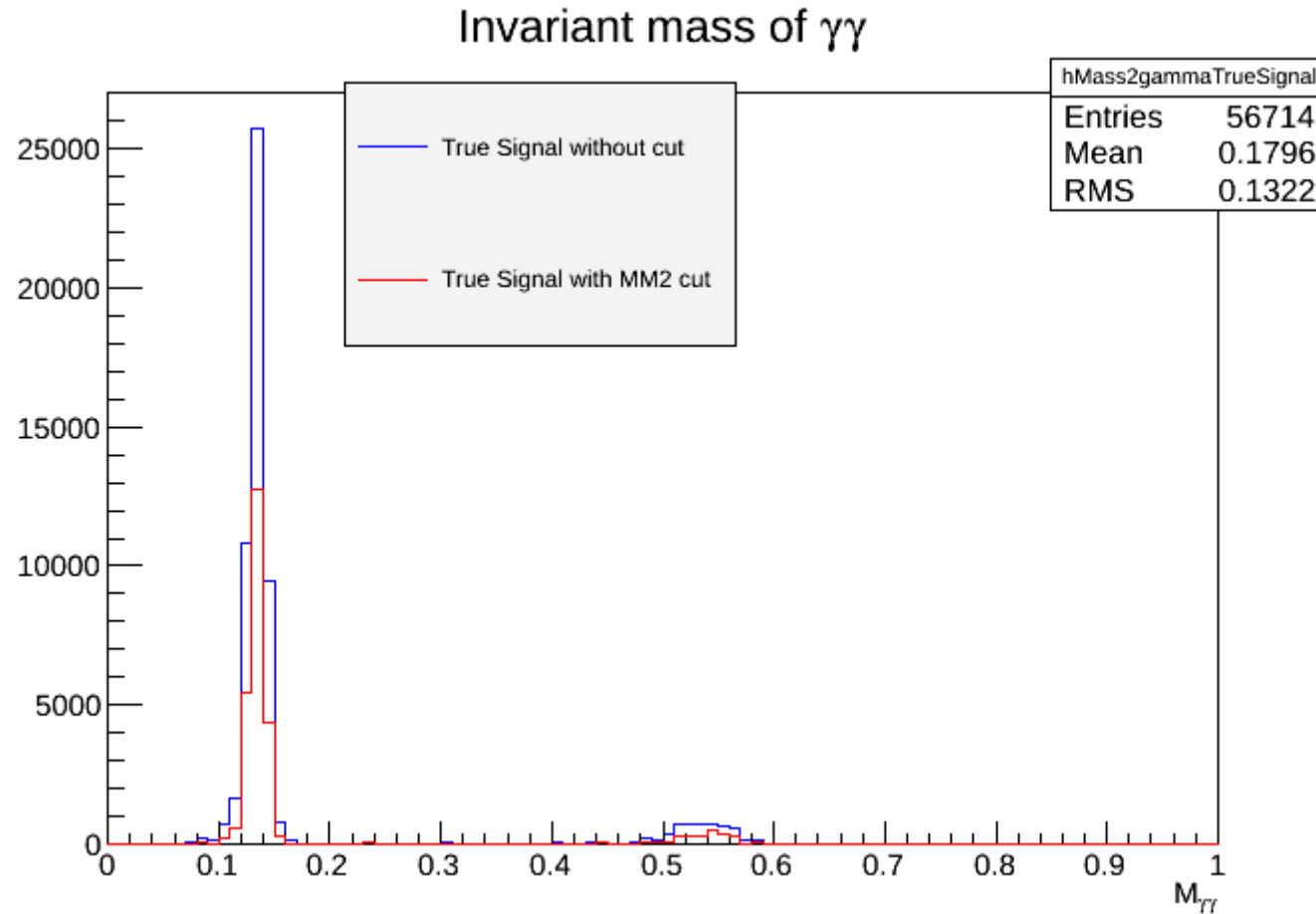
# True Signal with and without deltaphi cut



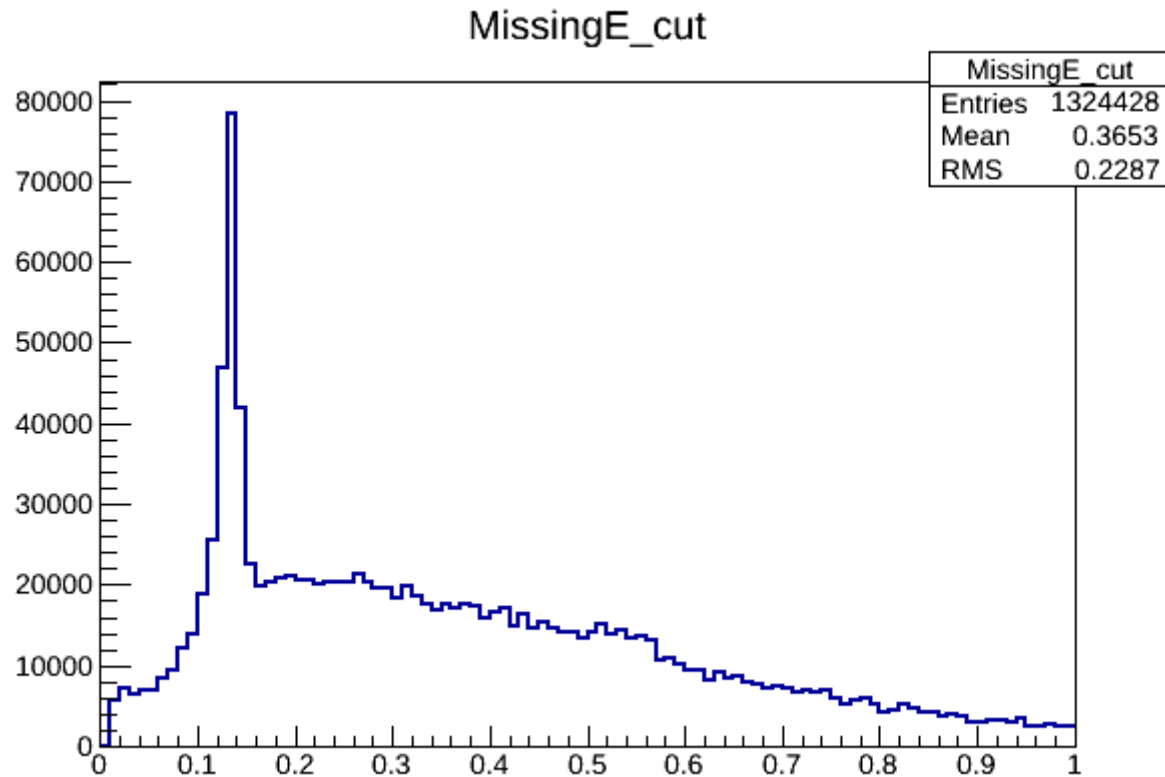
# Missing Mass Squared Cut (from all event) in range (-0.1,.02)



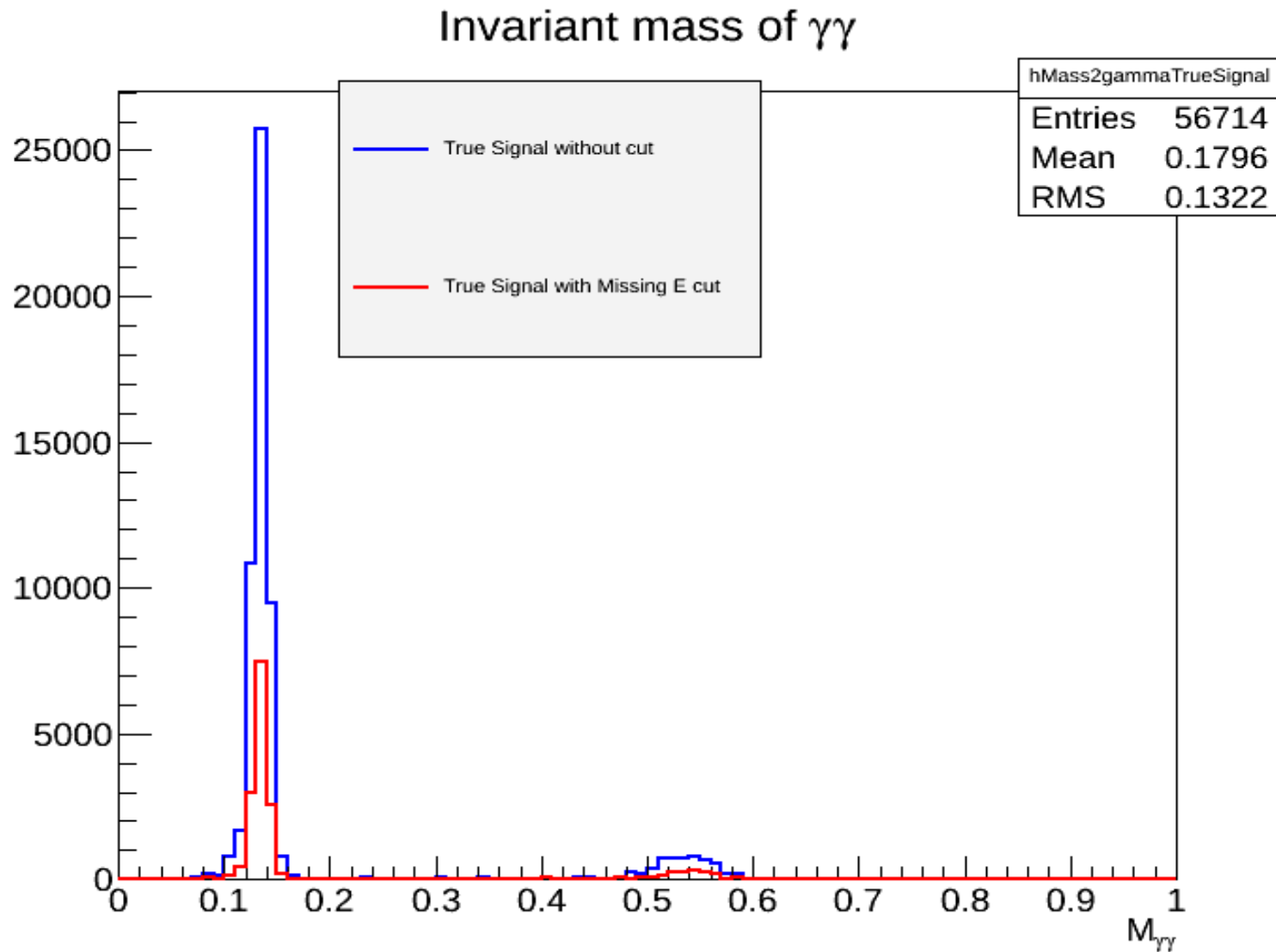
# True Signal with and without Missing Mass Squared Cut (-0.1,0.02)



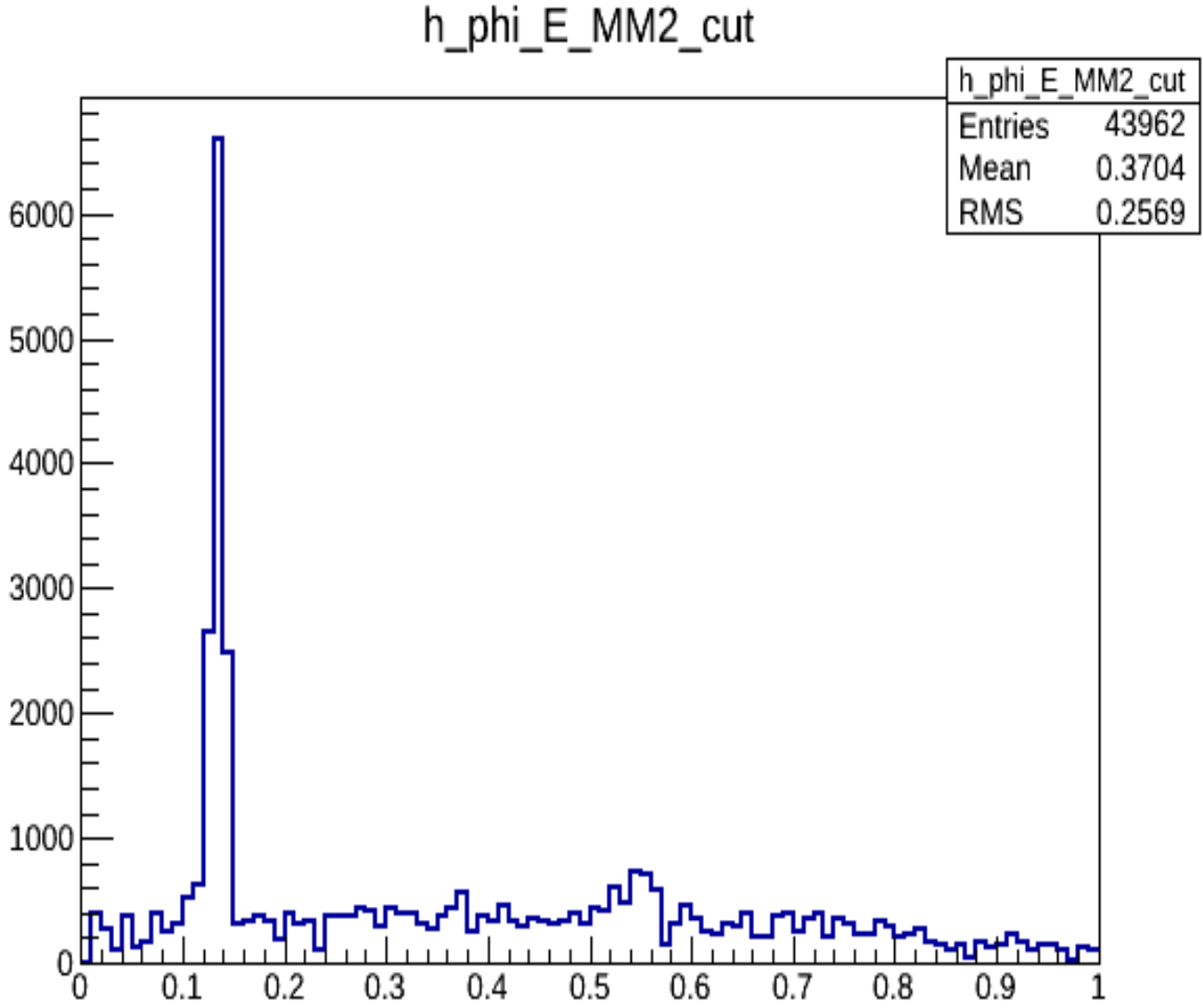
# Missing Energy Cut in range (-0.25,0.25) GeV



# True Signal (with and without E Cut)

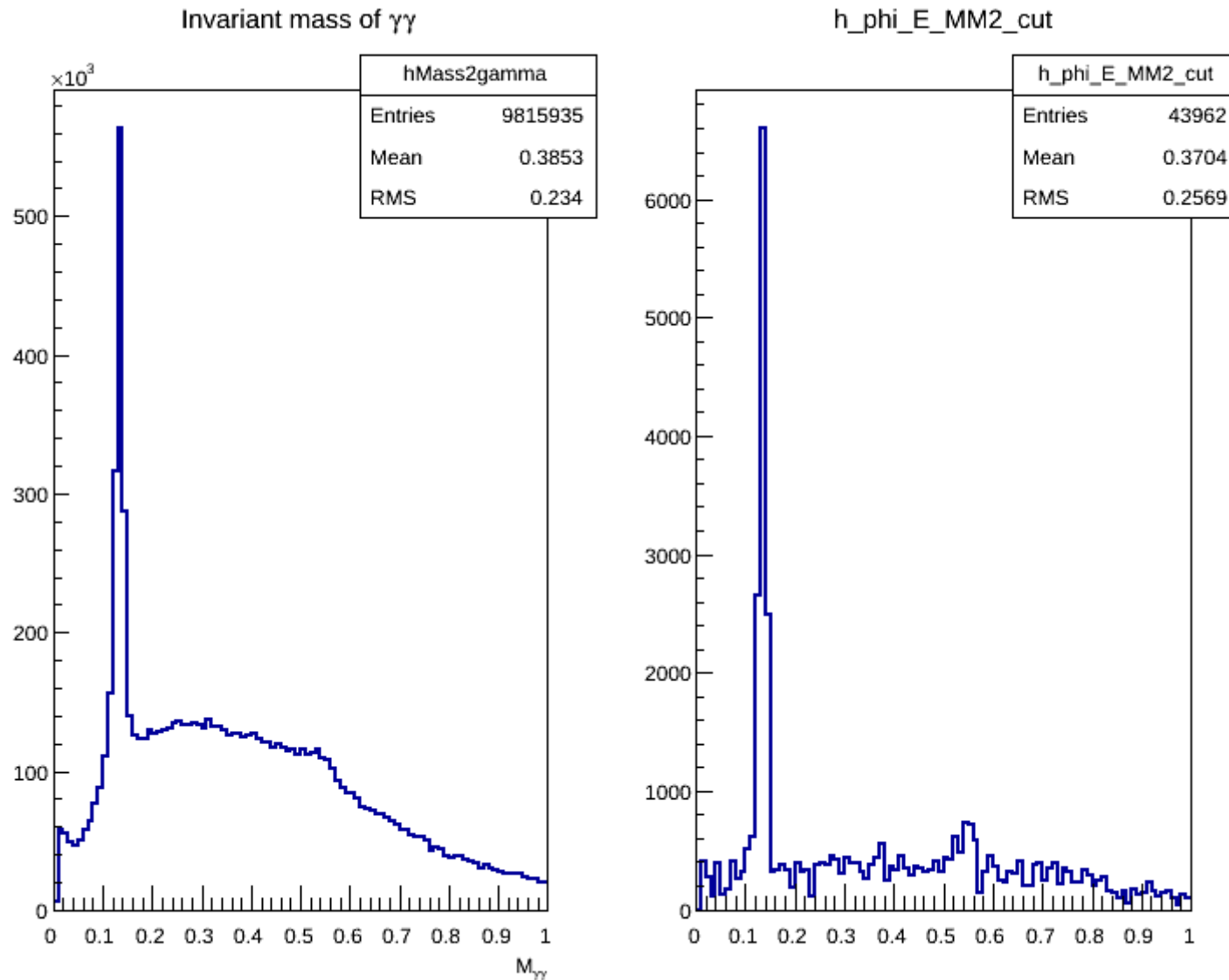


# All Events with energy,missing Mass Squared and deltaphi cut



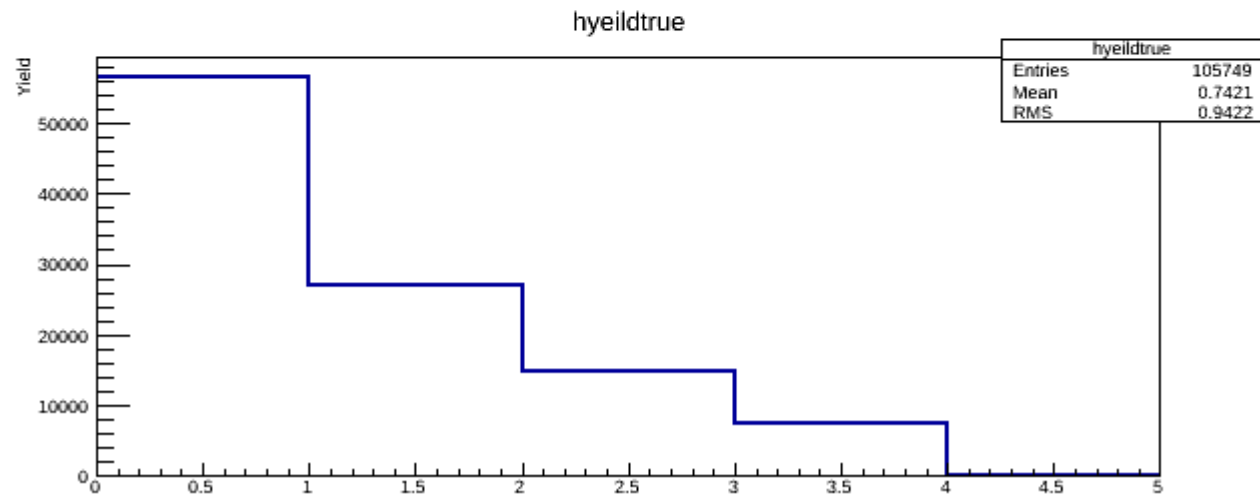
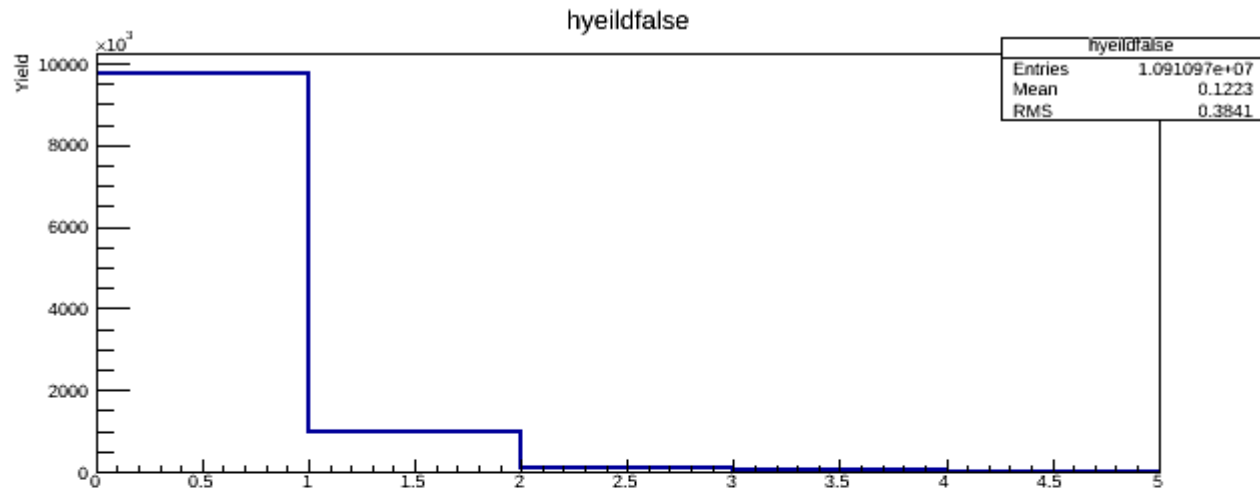


# Comparison between all events before and after Cut (Missingenergy,deltaphi and Missing Mass squared cut)

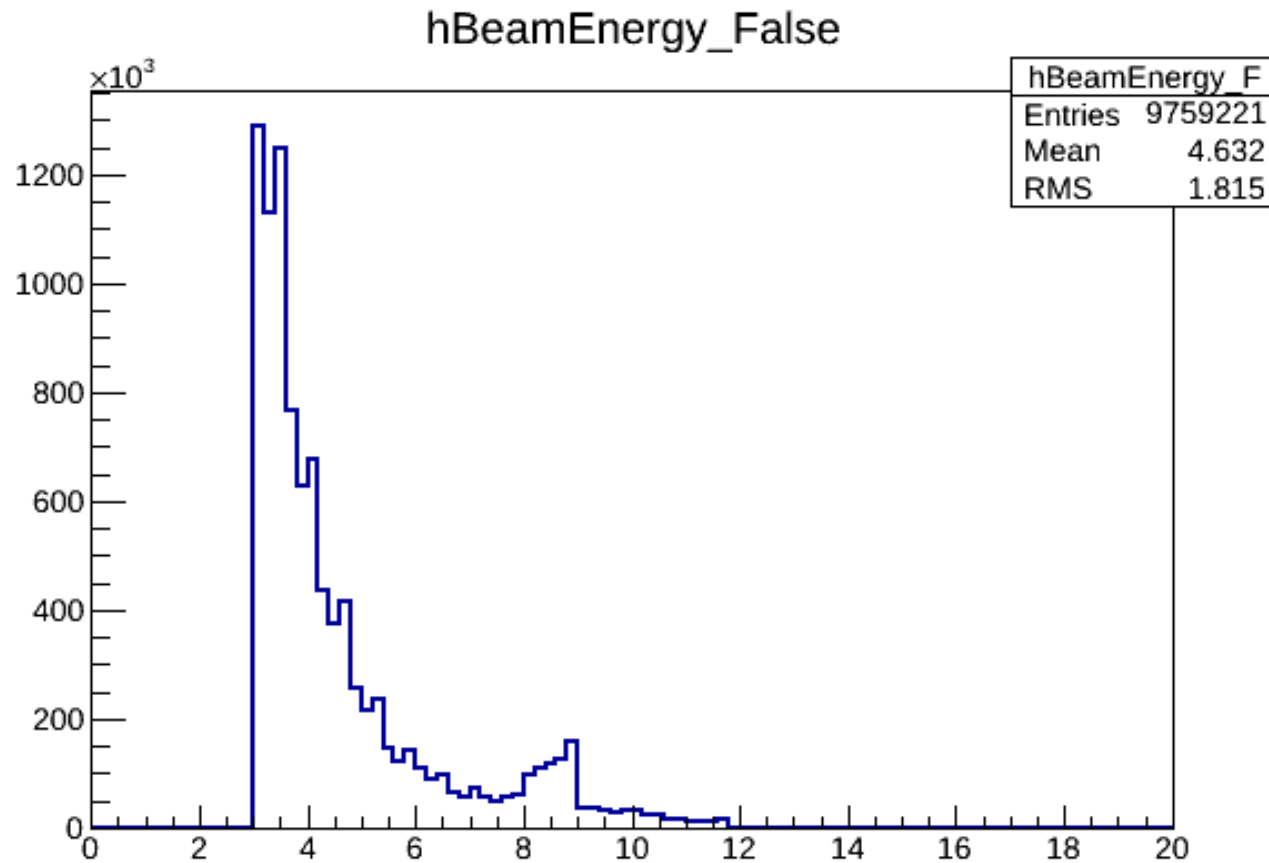


# Yield plot after each cut

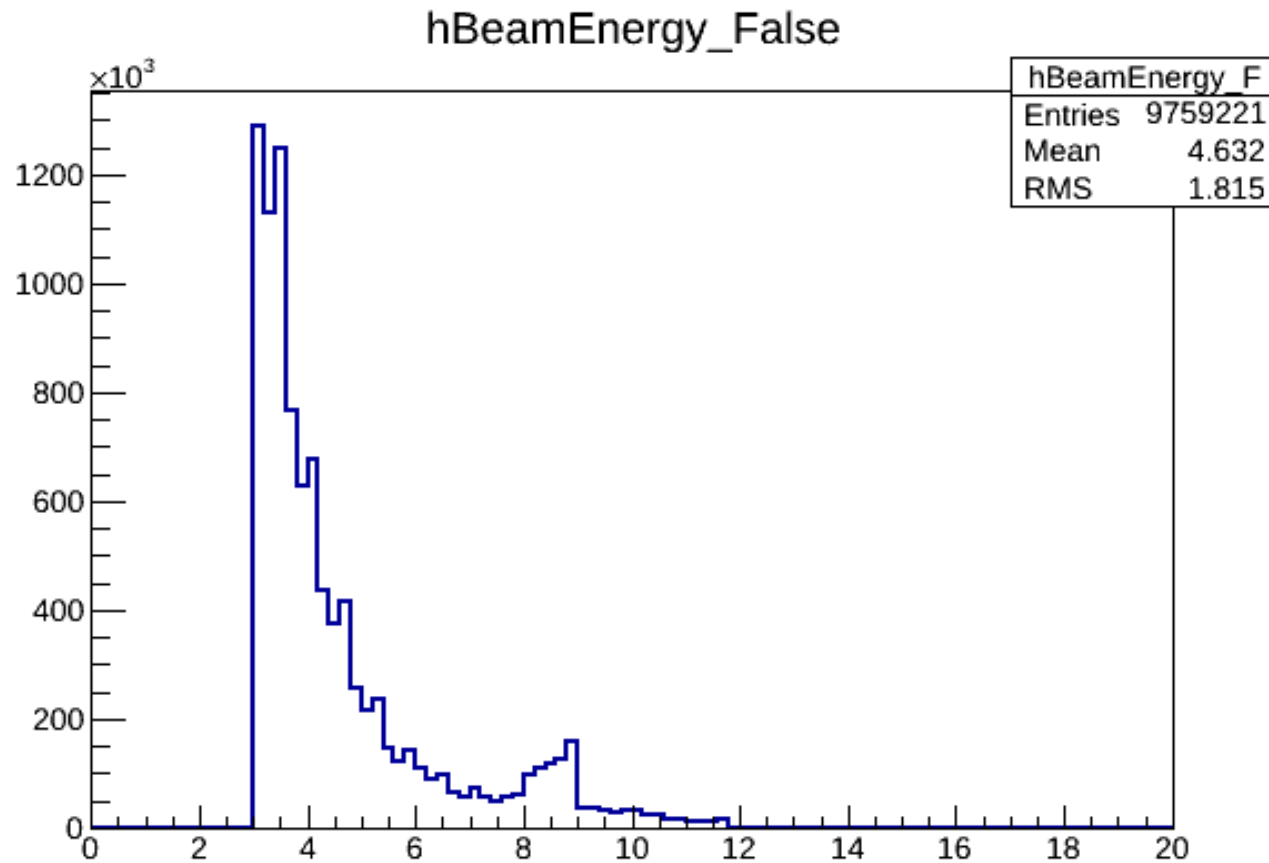
- 1) Missing Mass Square cut (-0.1, .02)
- 2) DeltaPhi cut (-5,5)
- 3) Missing Energy Cut (-0.25,0.25)



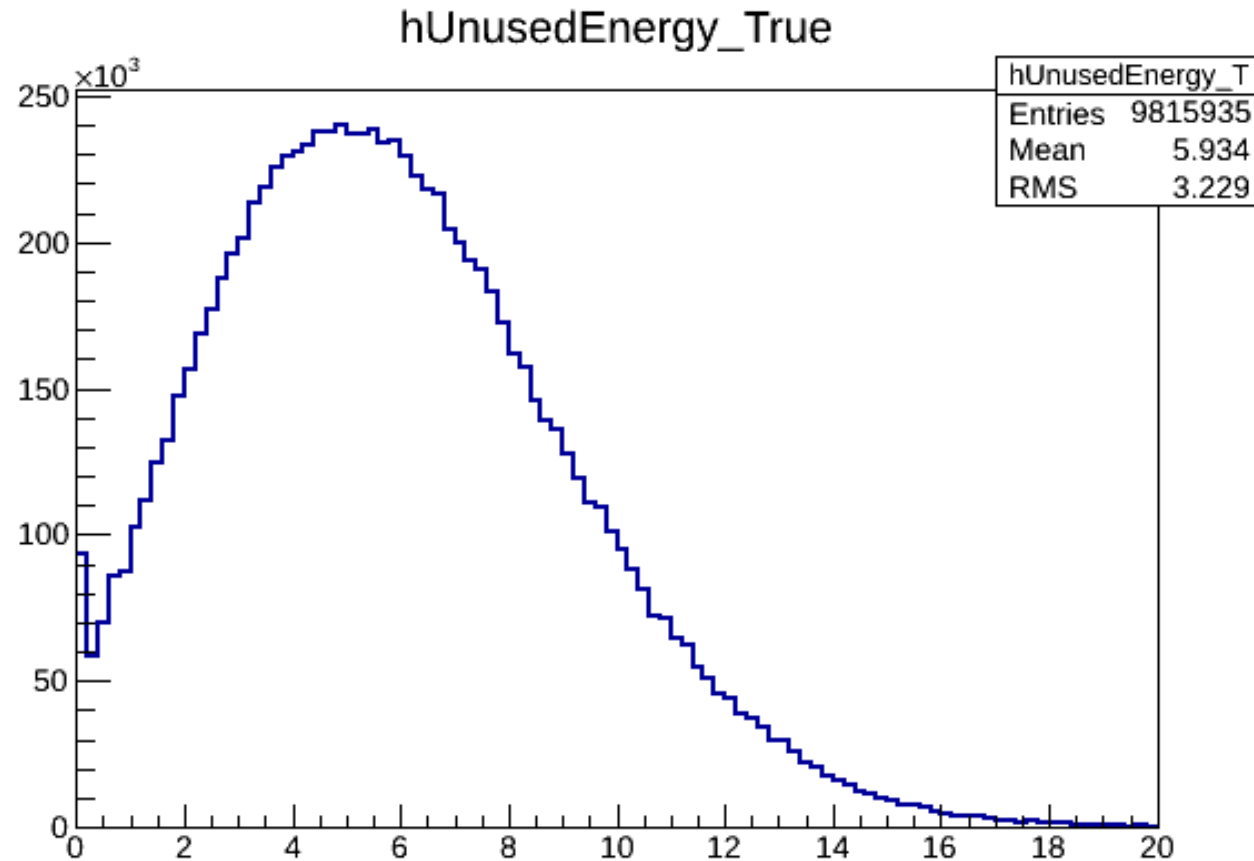
# Beam Energy Plot for True Signal



# Beam Energy for False Signal



# Unused Energy(sum of unused energy in BCAL and FCAL) for True Signal



# Unused Energy for False Signal

