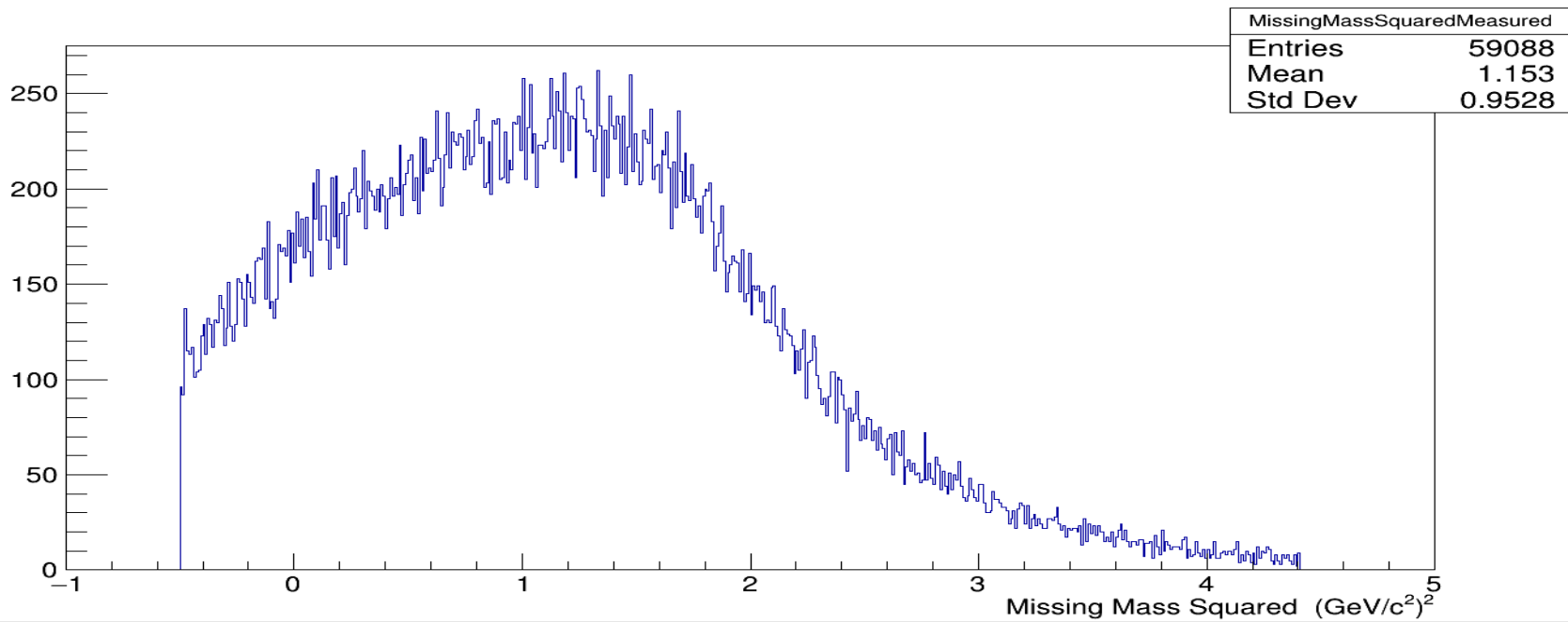
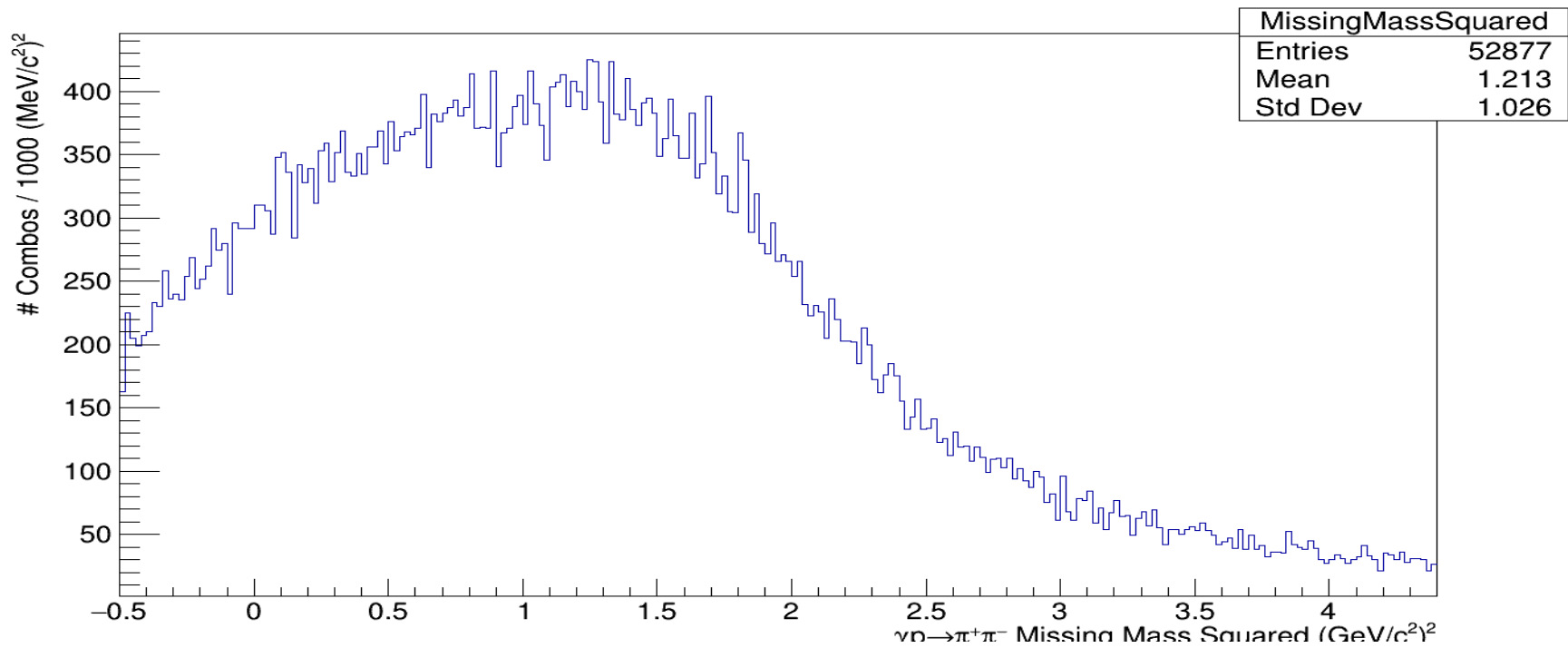


What's Wrong with the MC update

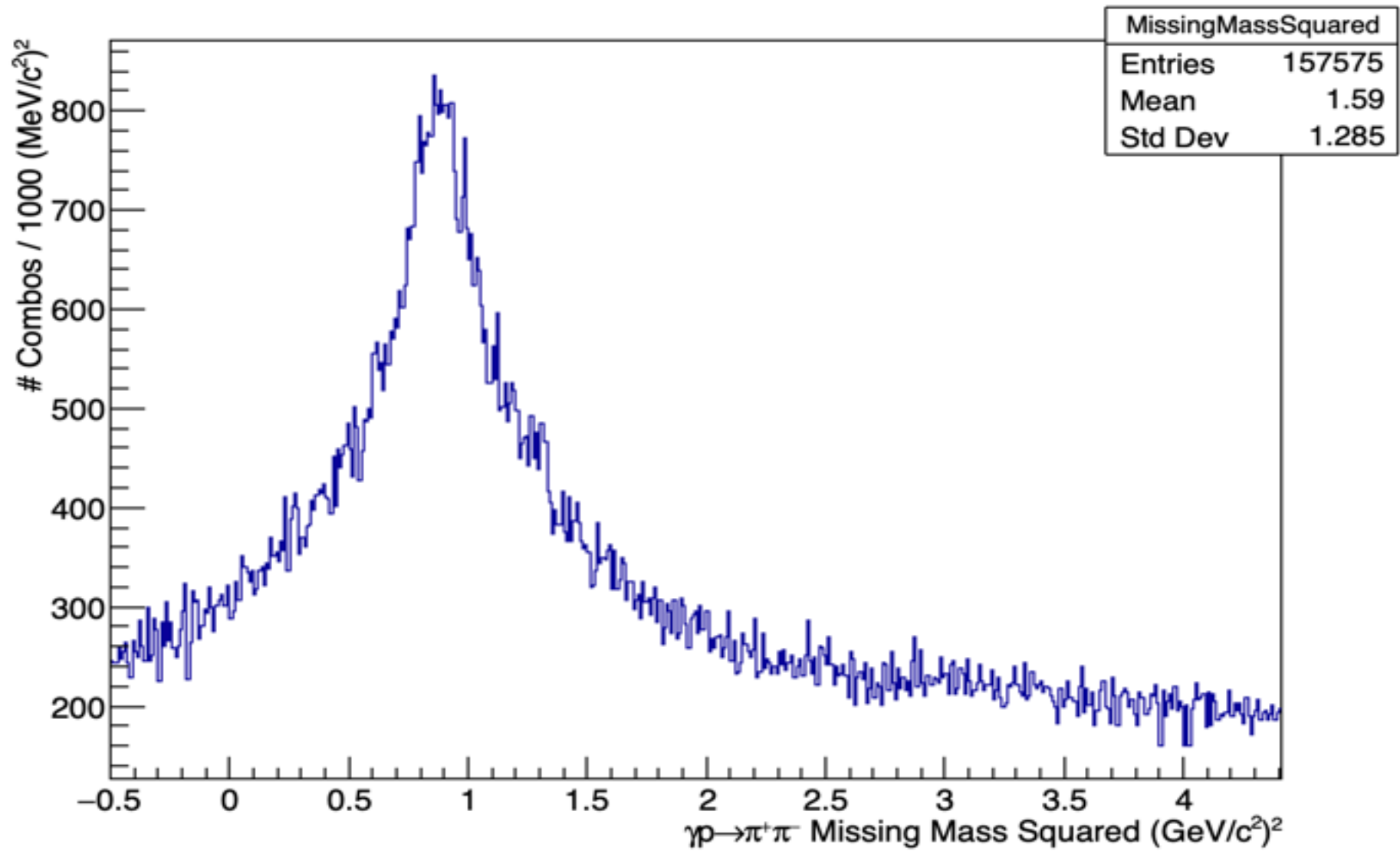
January 18th, 2019 Meeting

Andrew Schick

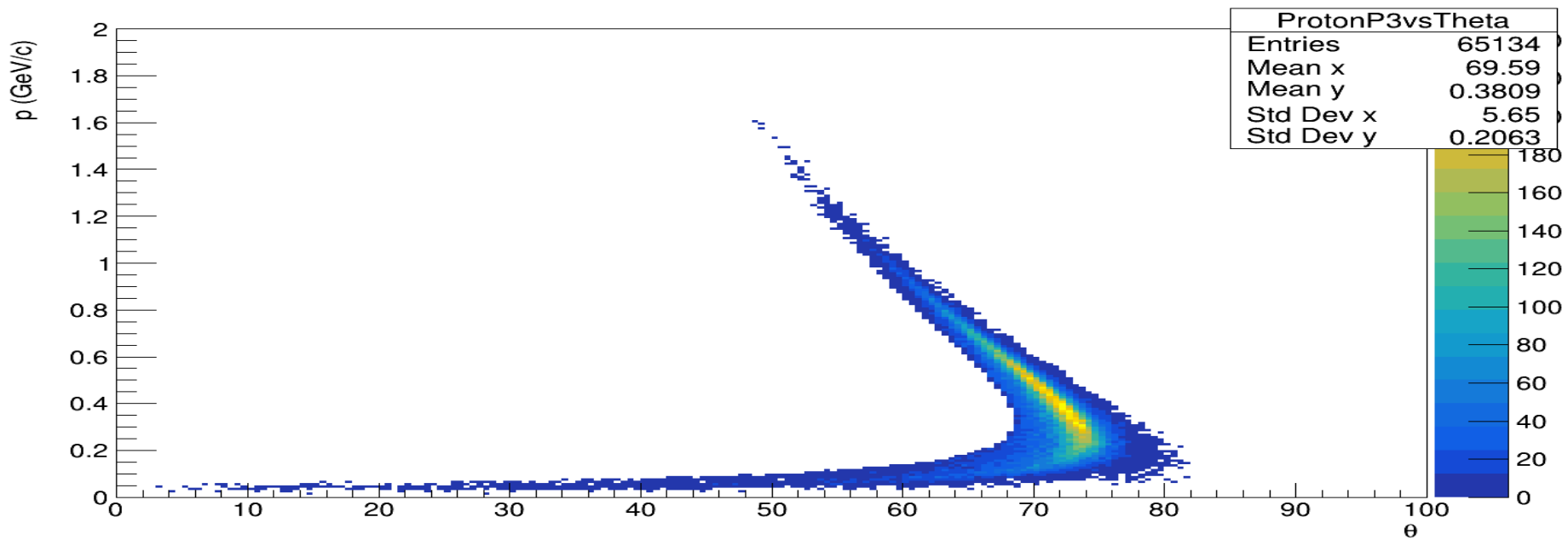
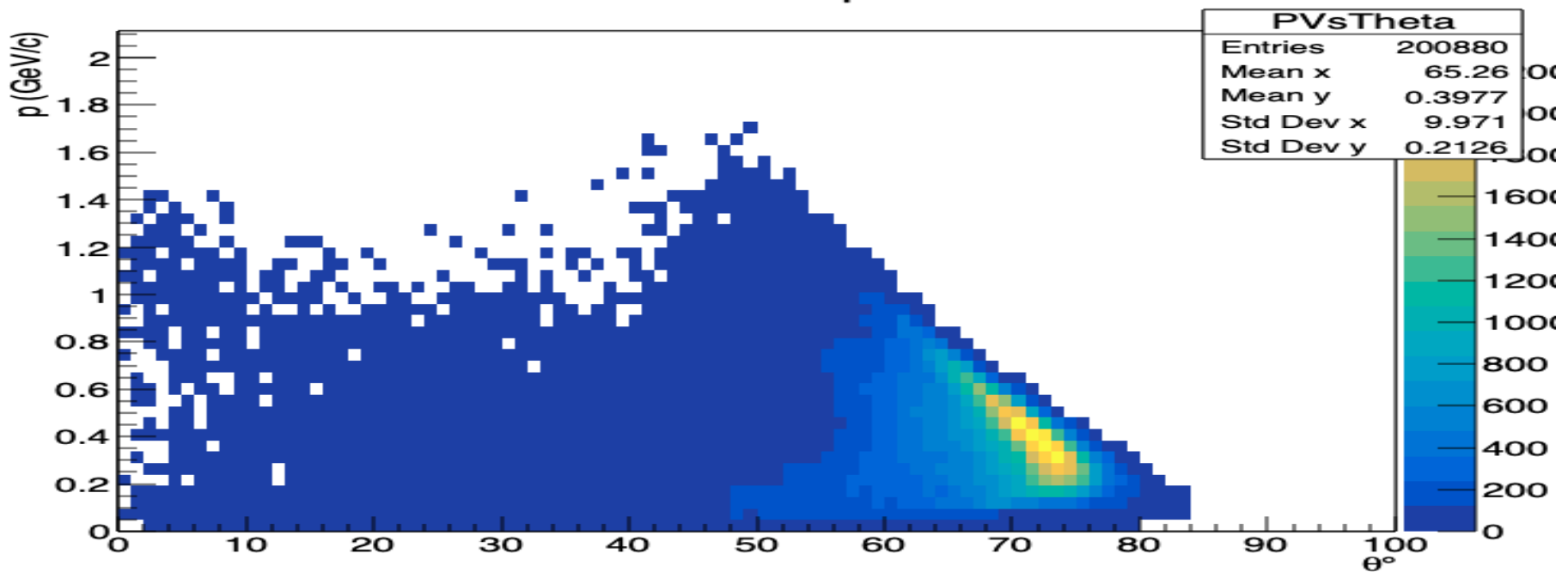


PID	Invariant Mass (GeV/c²)	Missing Mass² (GeV/c²)²
None	NA	-0.1 < MM ² < 0.1
γ	NA	-0.1 < MM ² < 0.1
e⁺	NA	-1.0 < MM ² < 1.0
e⁻	NA	-1.0 < MM ² < 1.0
π⁻	None	-1.0 < MM ² < 1.0
π⁺	None	-1.0 < MM ² < 1.0
K⁺	None	-1.0 < MM ² < 2.0
K⁻	None	-1.0 < MM ² < 2.0
p	NA	-0.5 < MM ² < 4.41
p̄	NA	-0.5 < MM ² < 4.41
n	None	-0.5 < MM ² < 4.41

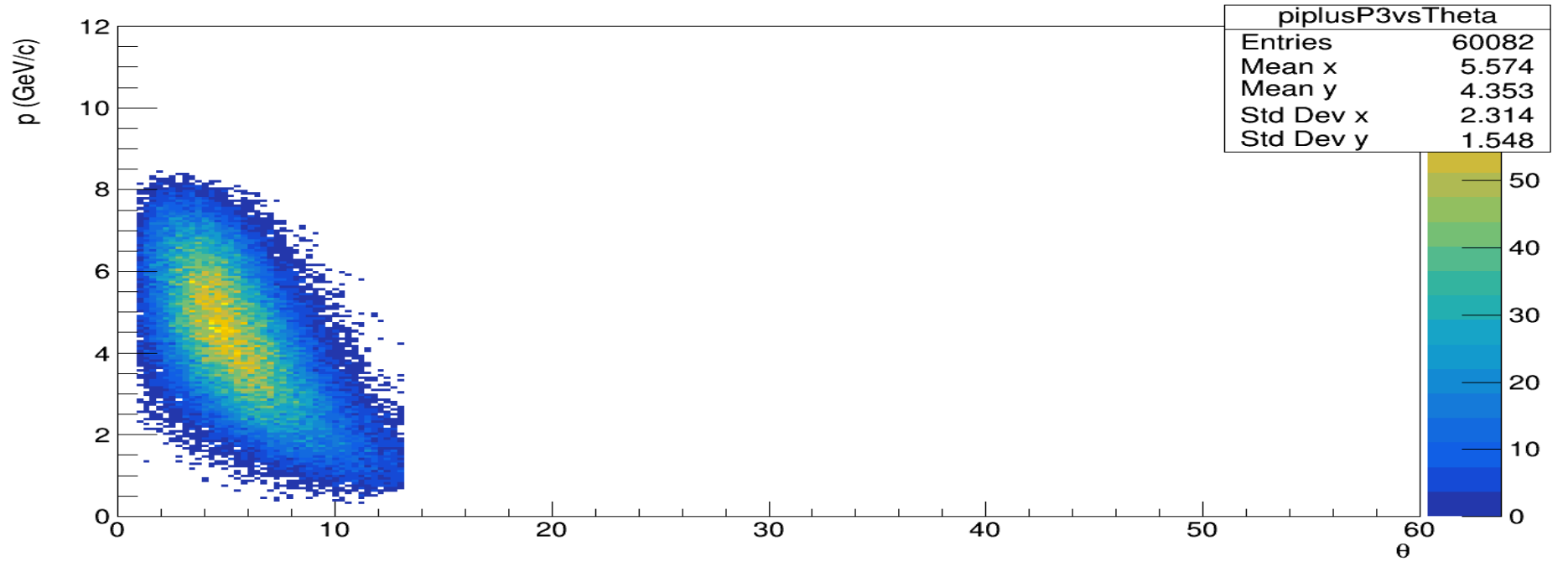
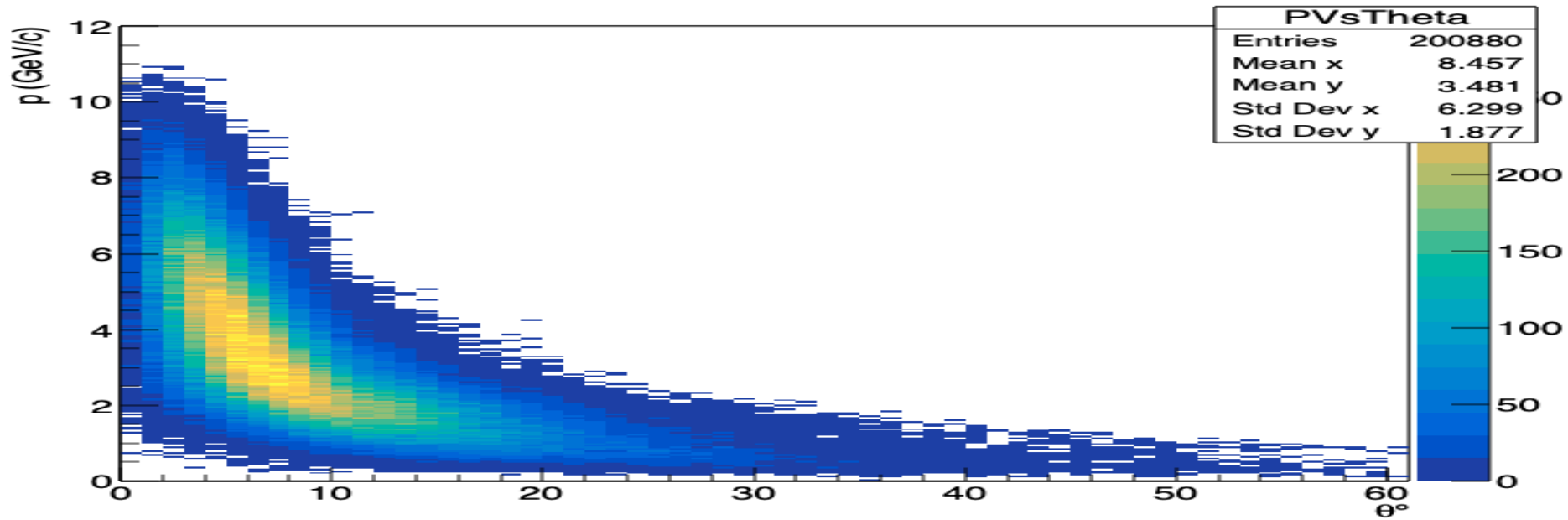
Sean Dobb's 2piRho MC TrackEff



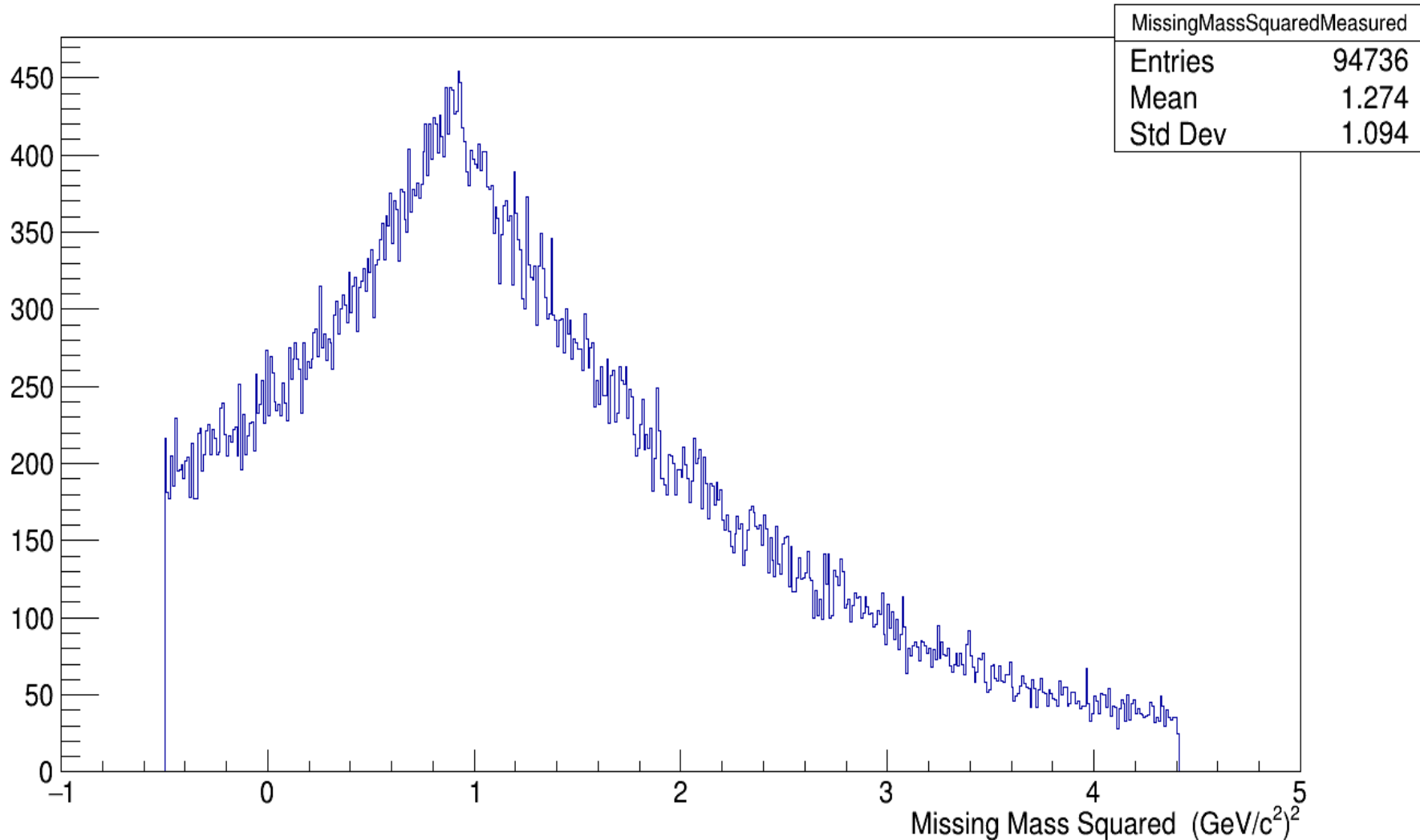
Thrown p

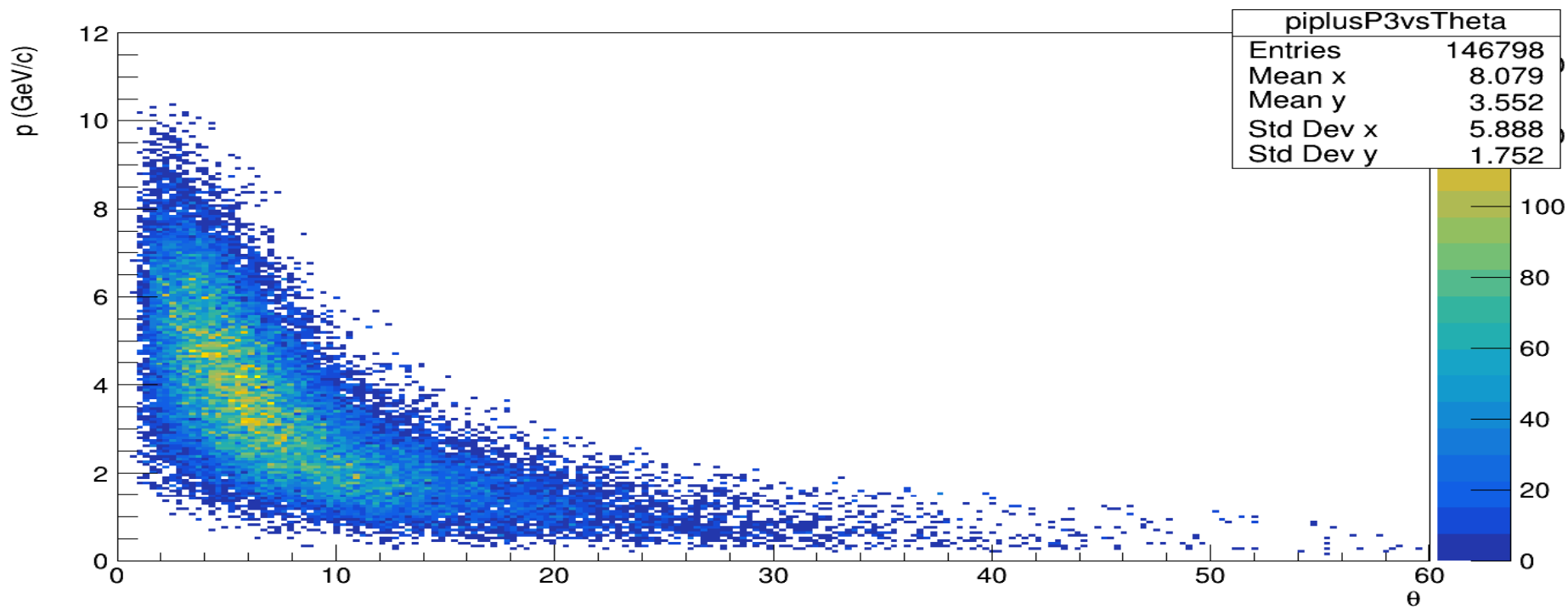
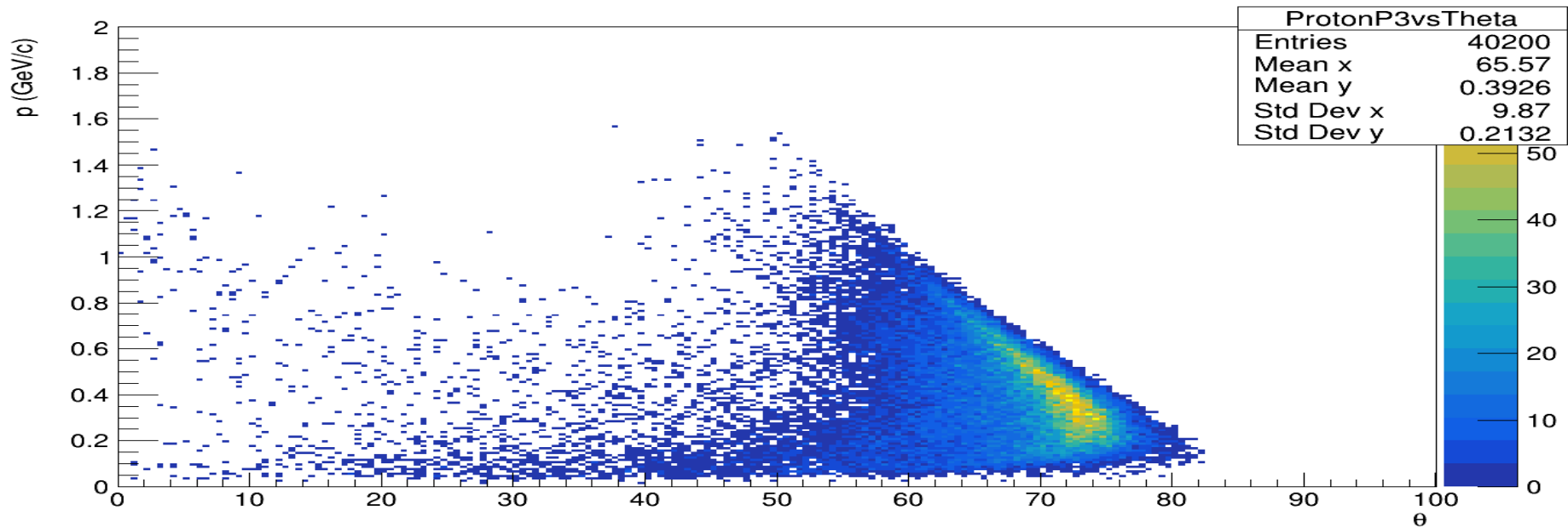


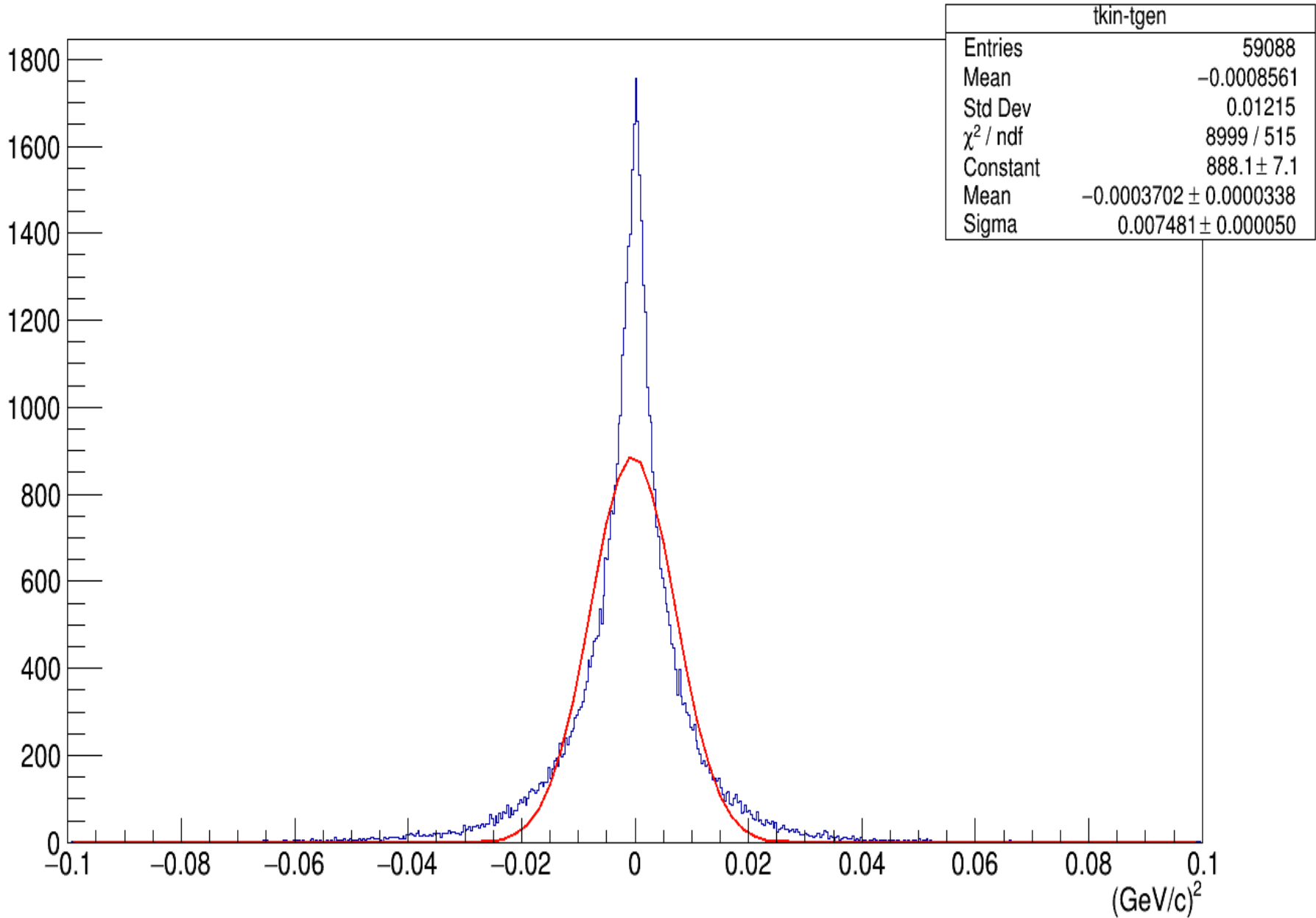
Thrown π^+



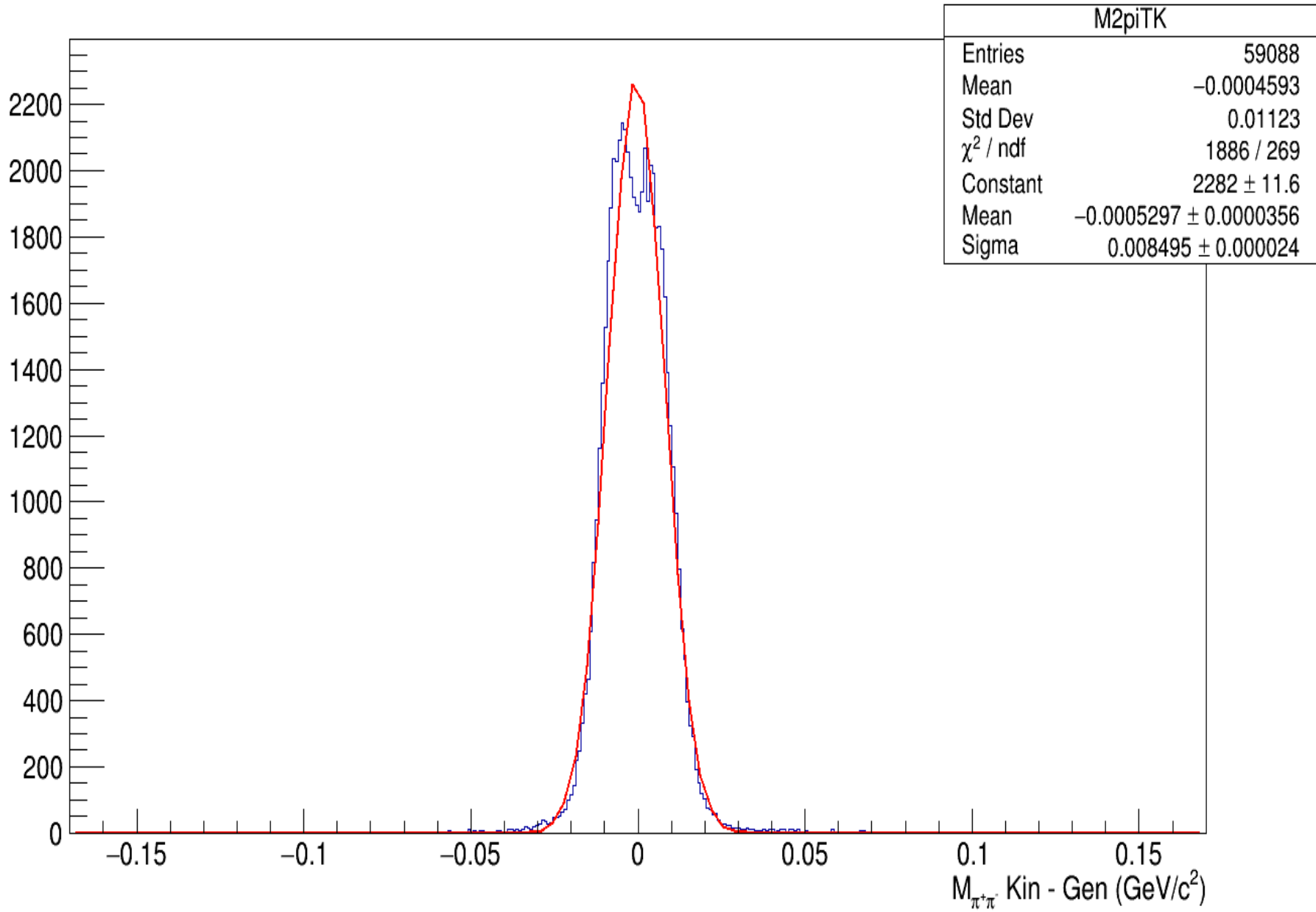
Andrew Gen_2pi_amp MM2



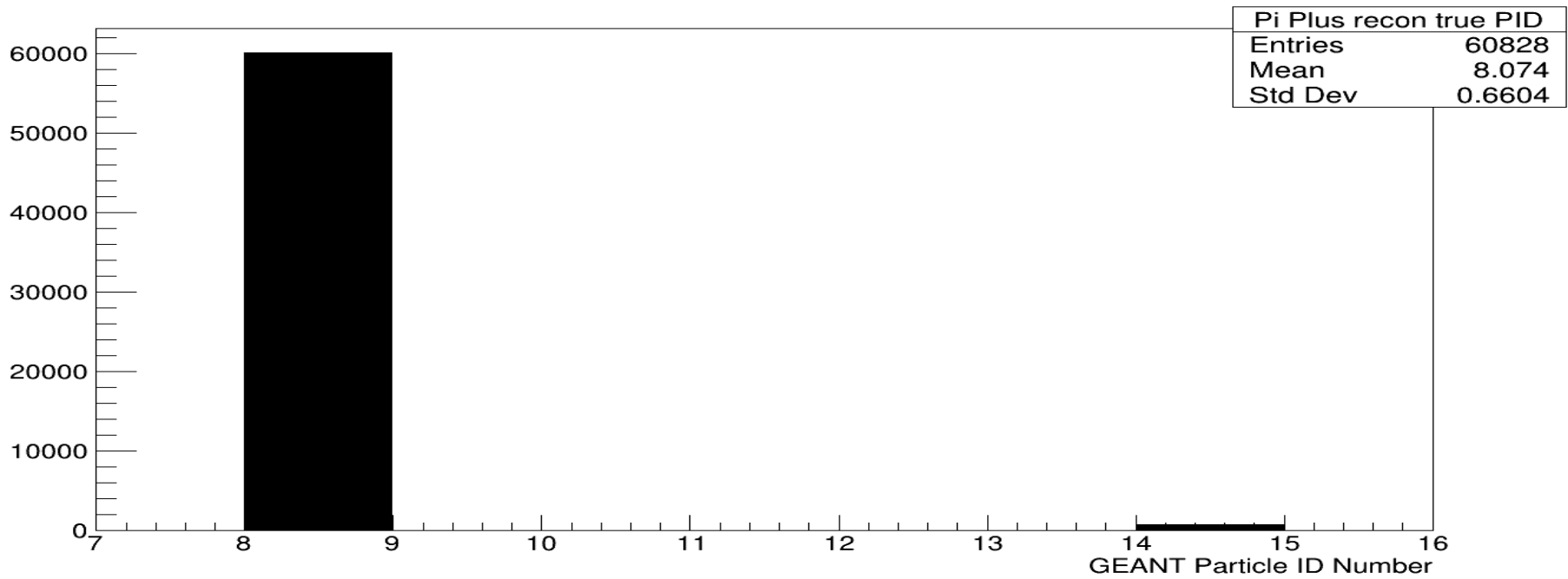
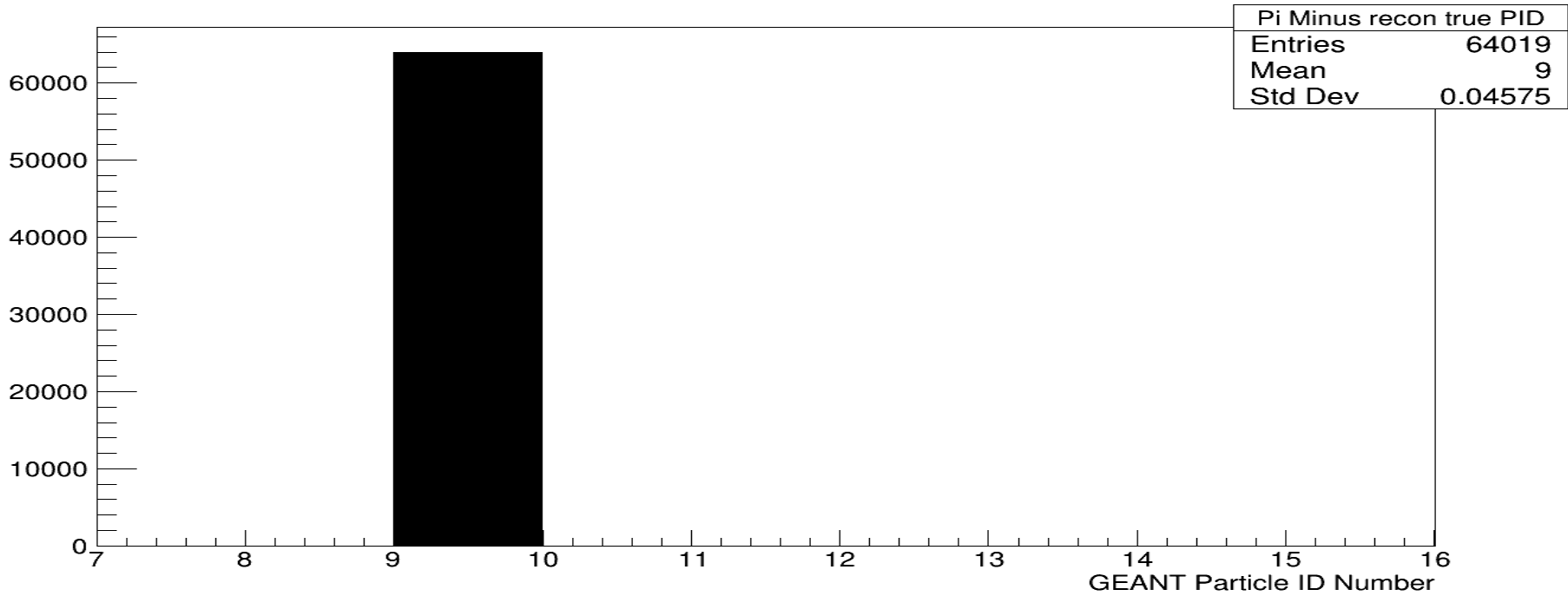


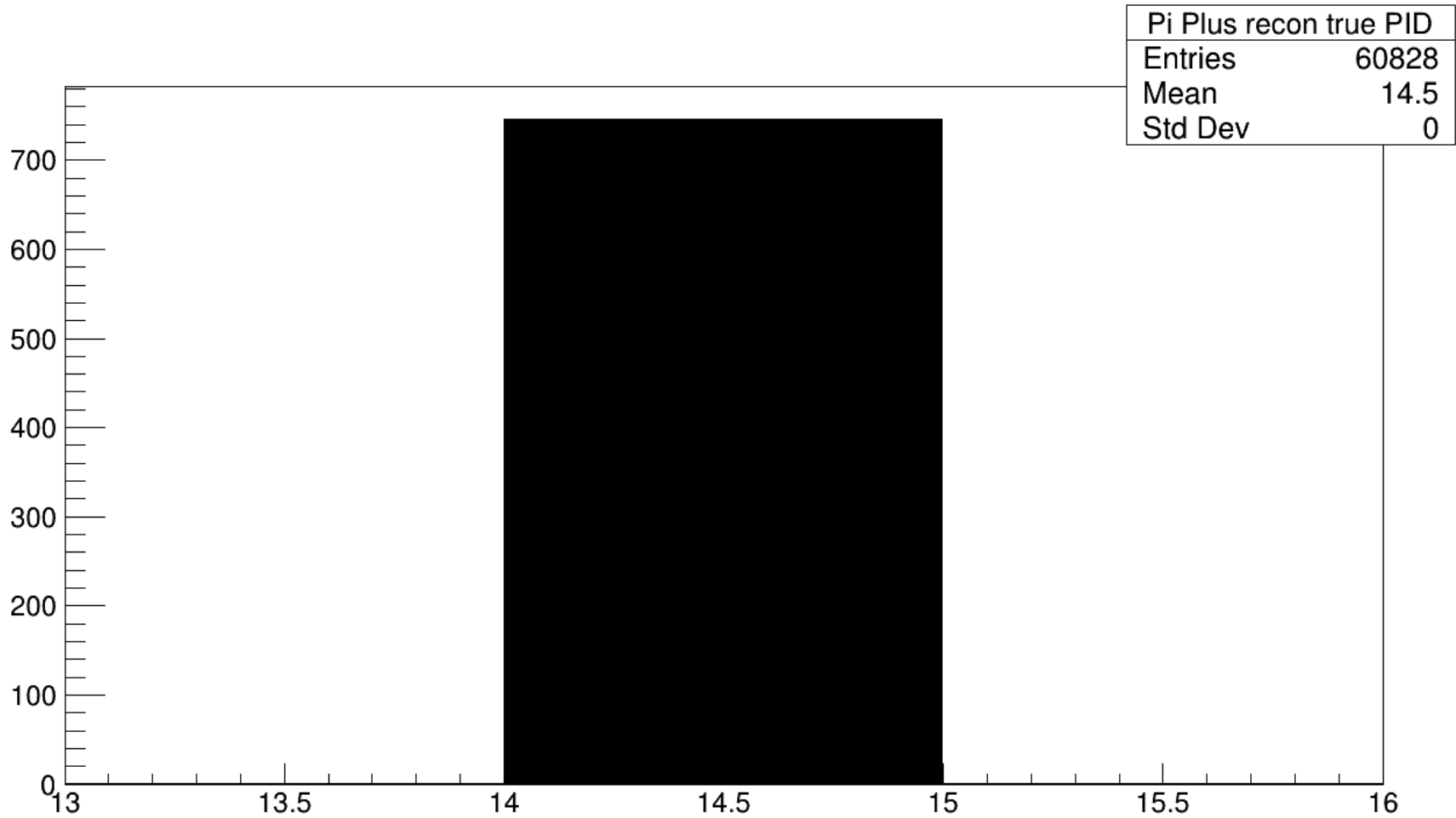


Back to Rory's generation



Rory's generation





Only about 1.2% of the time do we have misidentification.