

Run-7. Analysis on NCX.

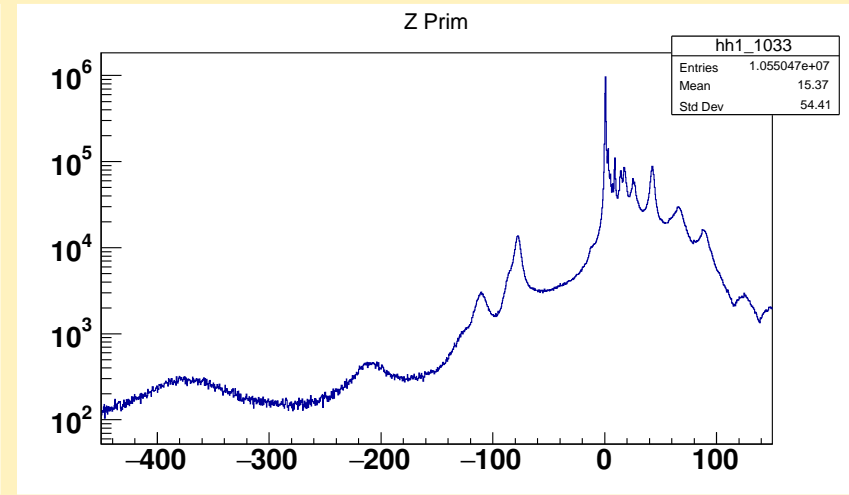
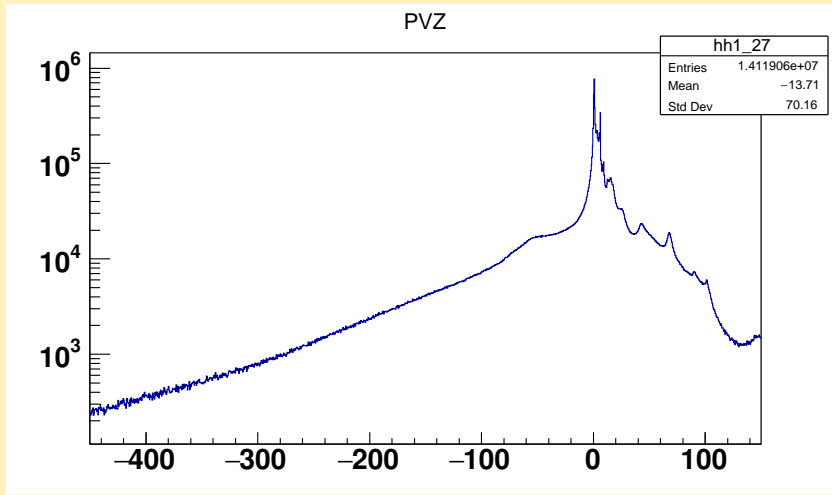
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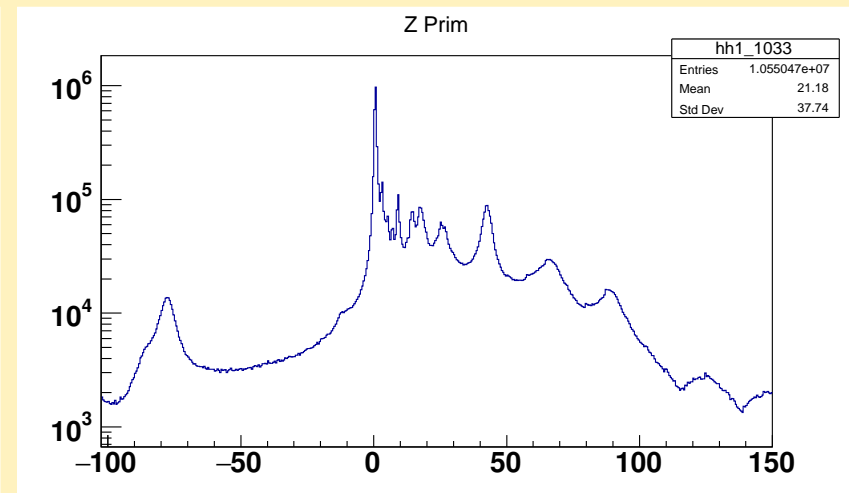
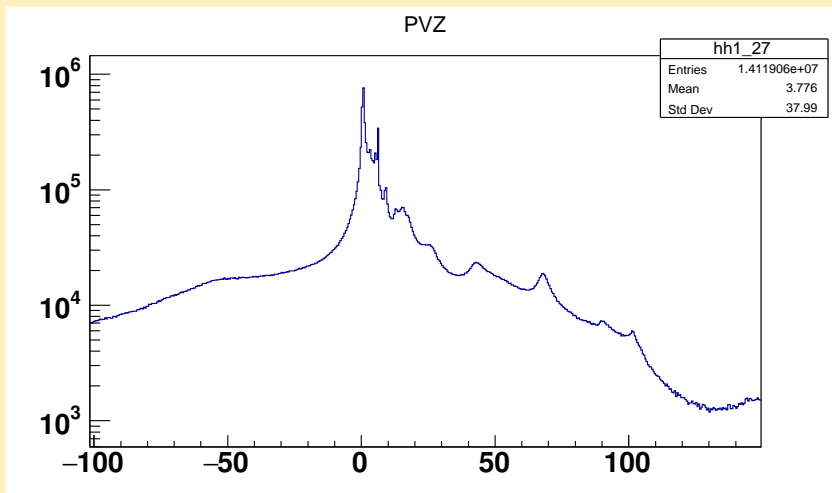
August 31, 2020



Vertices Position.

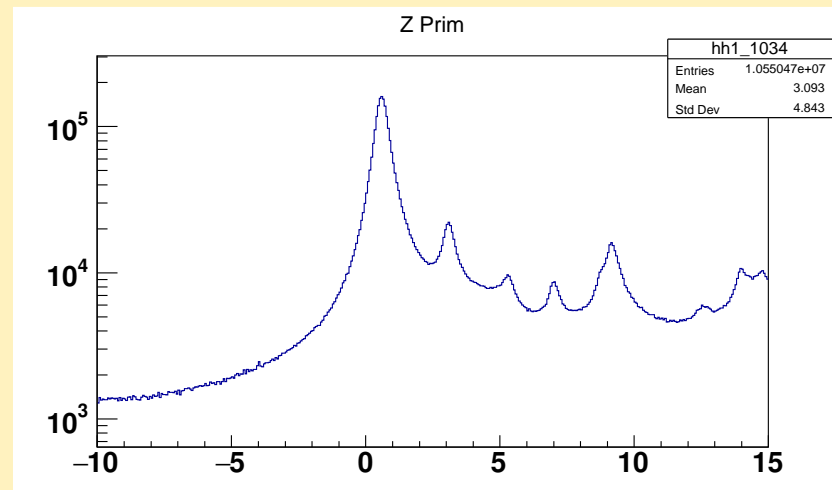
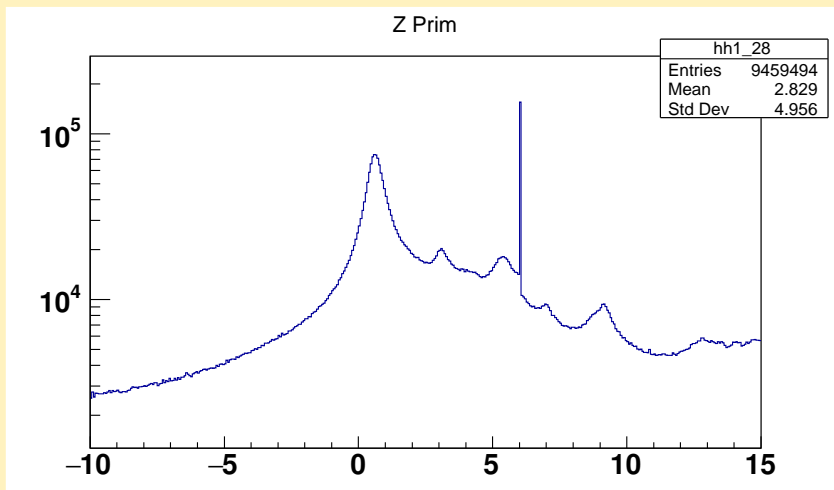


Primary vertex position (Z) : left - read from the file, right - reconstructed.

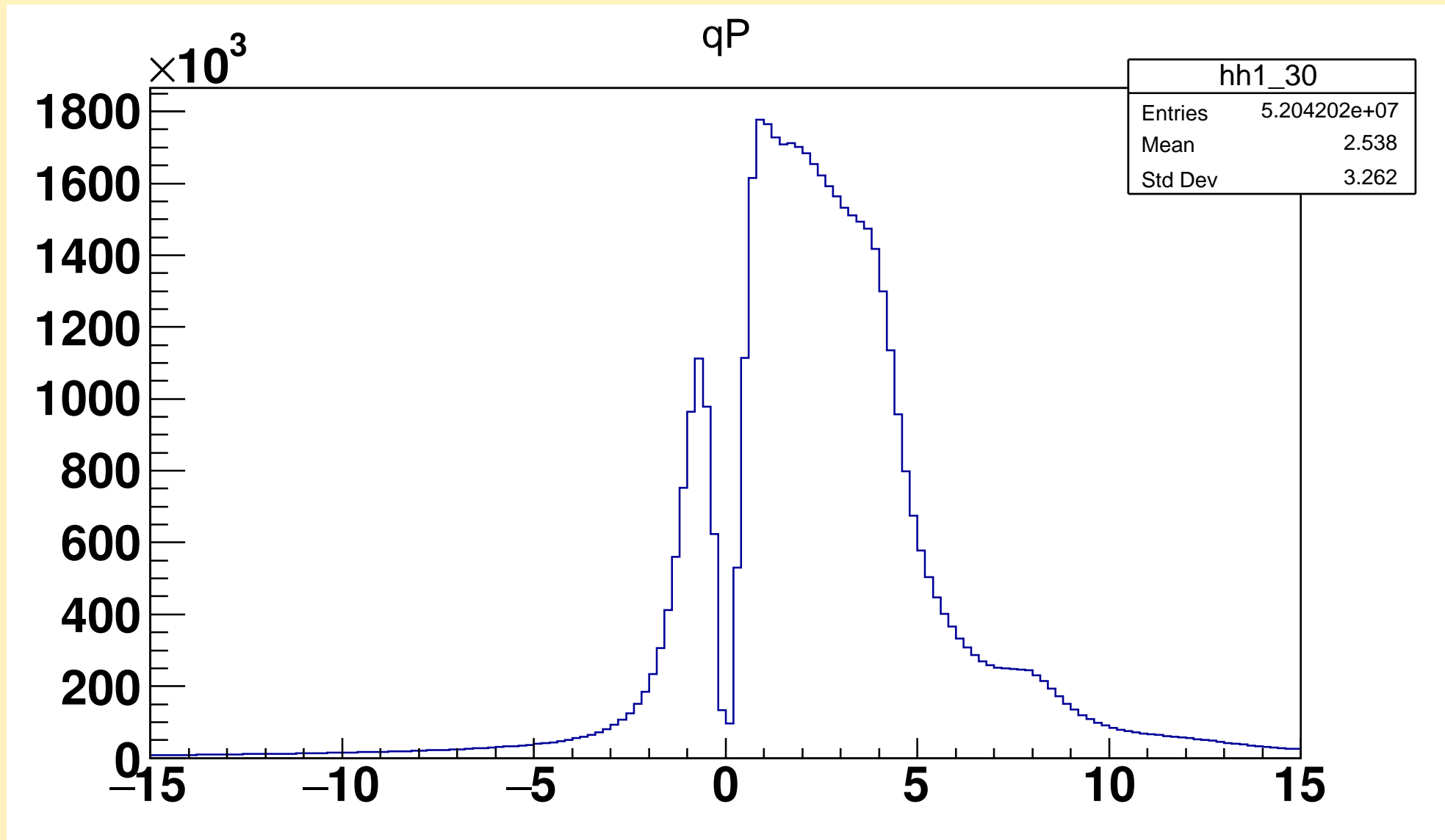


Primary vertex position (Z) wide scale : left - read from the file, right - reconstructed.

Vertices Position at Target.



Vertex position (Z) the target region : left - read from the file, right - reconstructed.

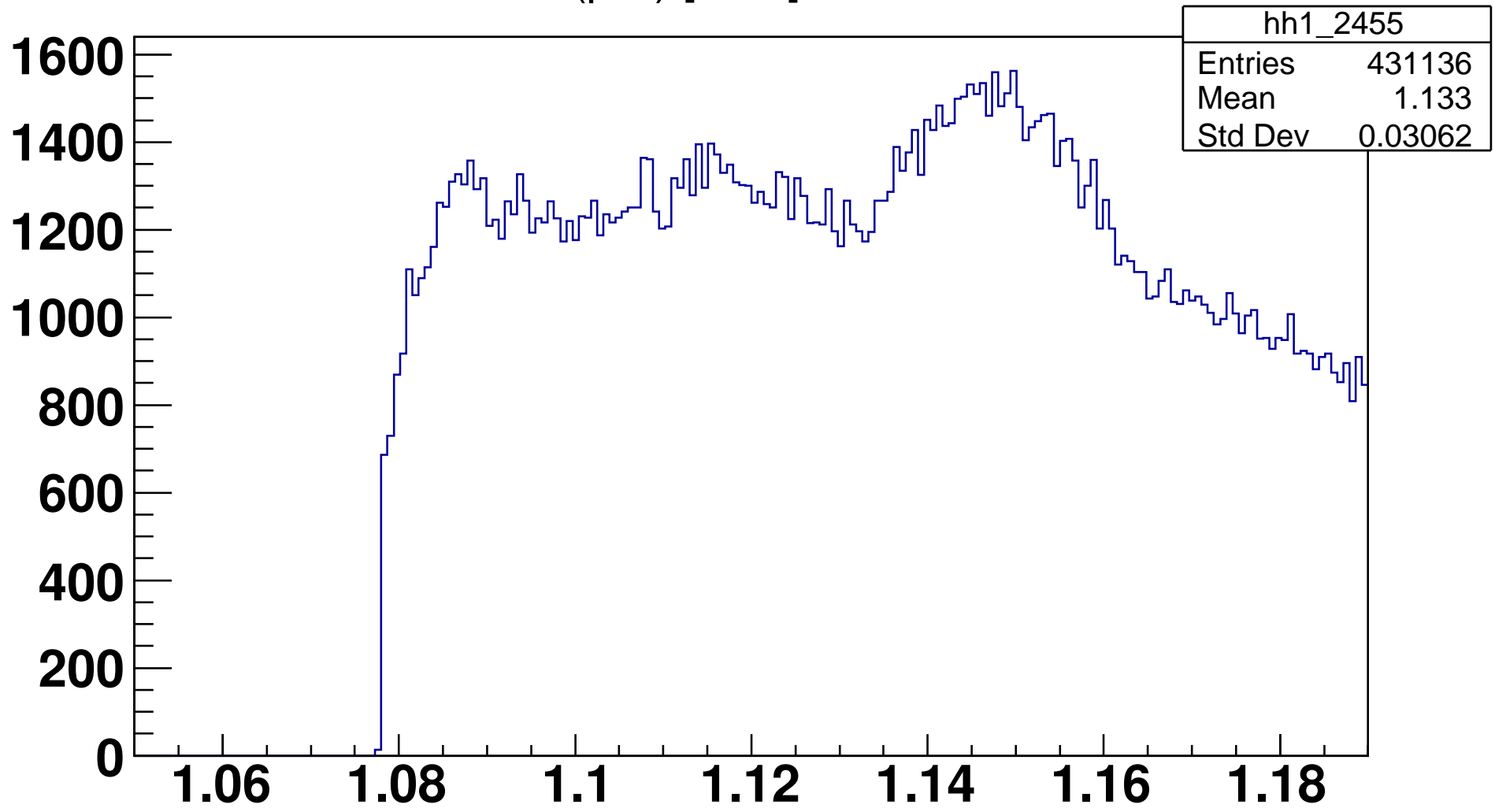


Cut on mometun is identical to Run-6.

Λ invariant mass.

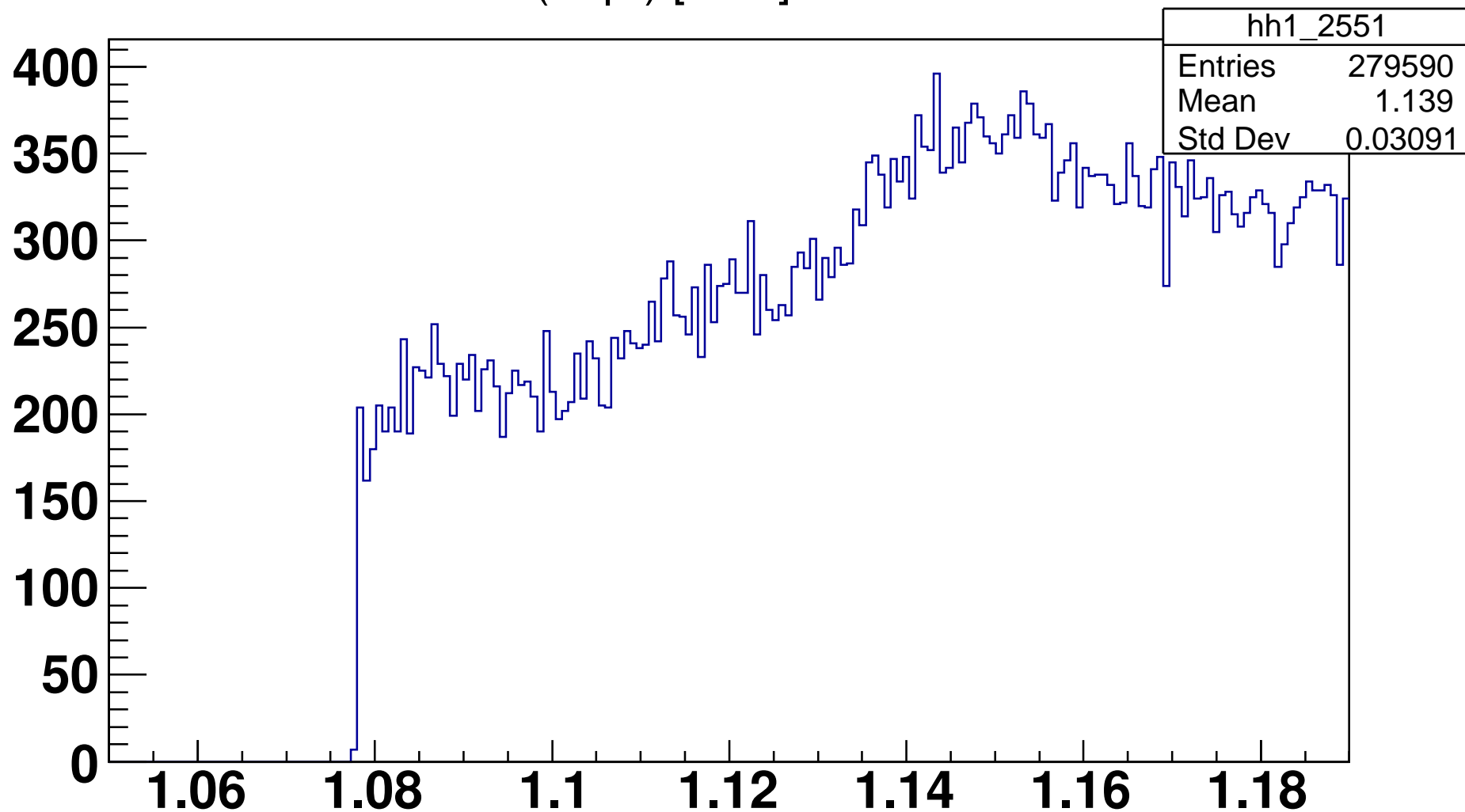


$M(p\pi^-)$ [GeV]. All V0s



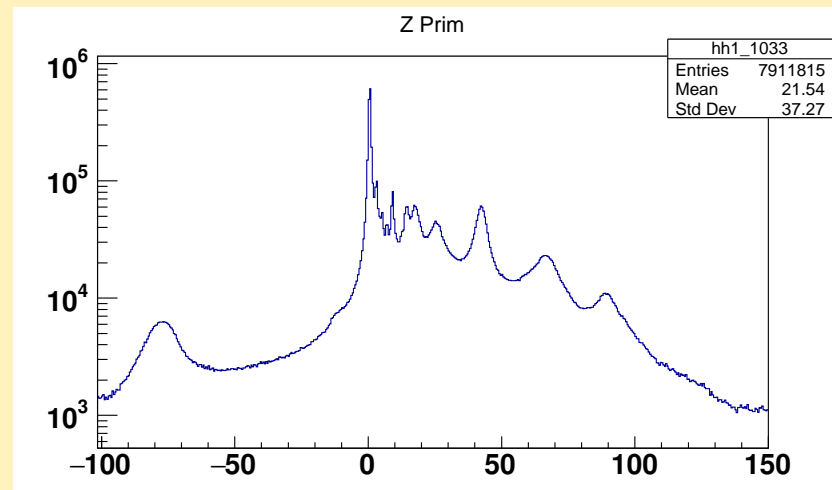
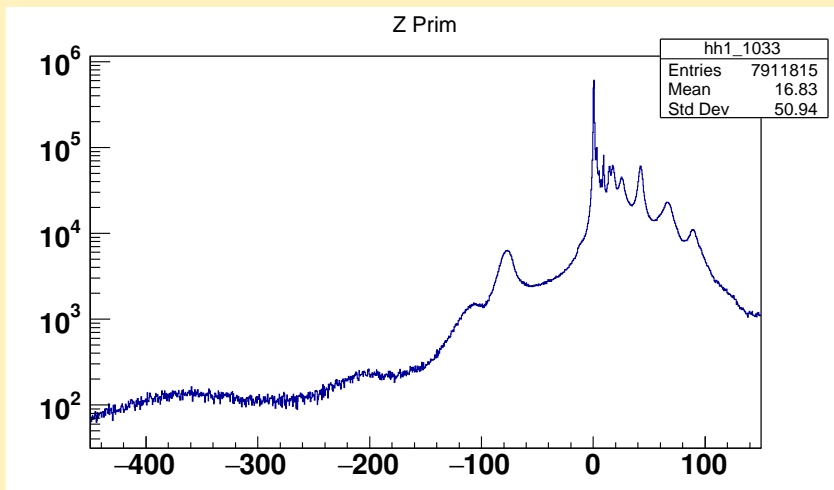
Mscale - 1.388889.

$M(\pi^+p^-)$ [GeV]. All V0s

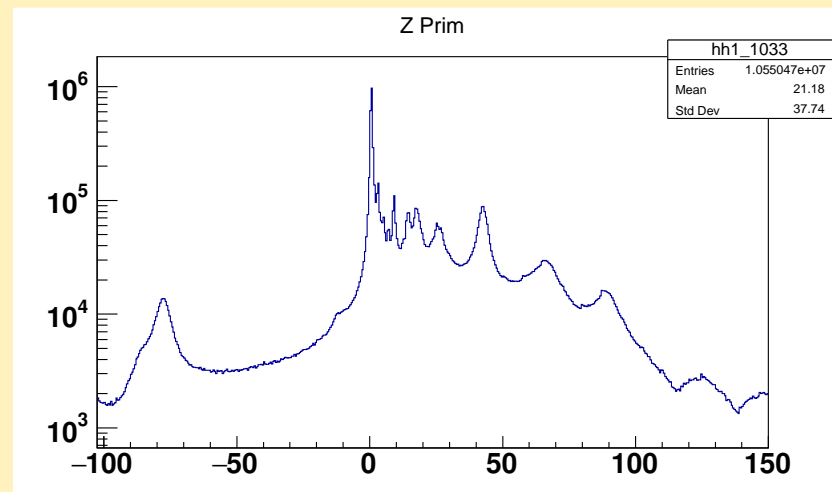
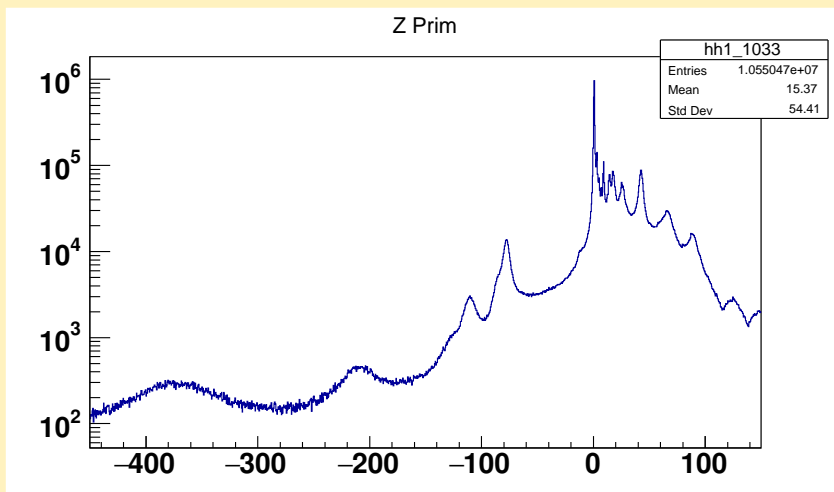


Mscale - 1.388889.

Vertices Position, Mscale=0.85.



Vertex position (Z) reconstructed: left - all Z, right - wide scale, Mscale=0.85.

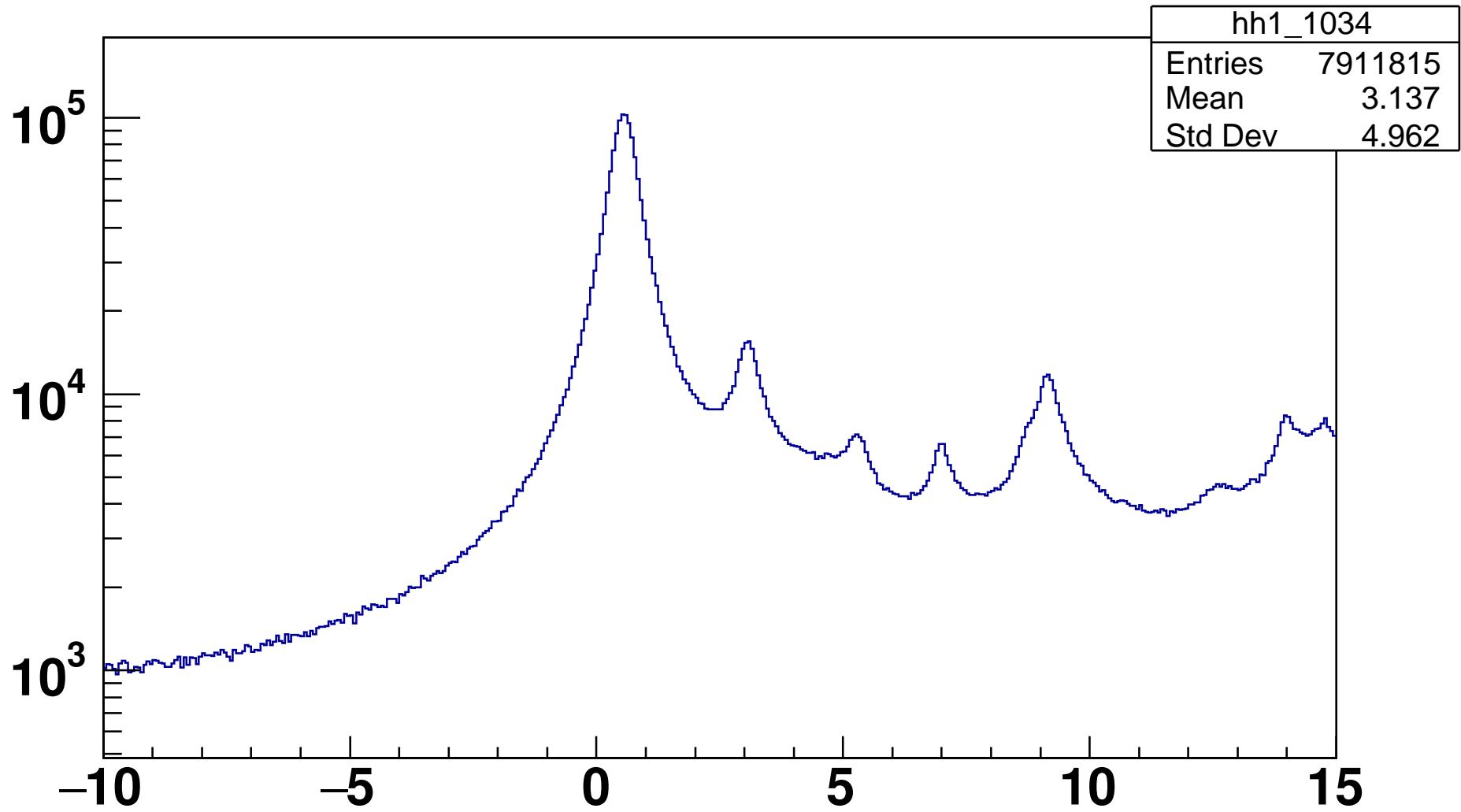


Vertex position (Z) reconstructed: left - all Z, right - wide scale, Mscale=0.13889.

Vertices Position at Target, Mscale=0.85



Z Prim

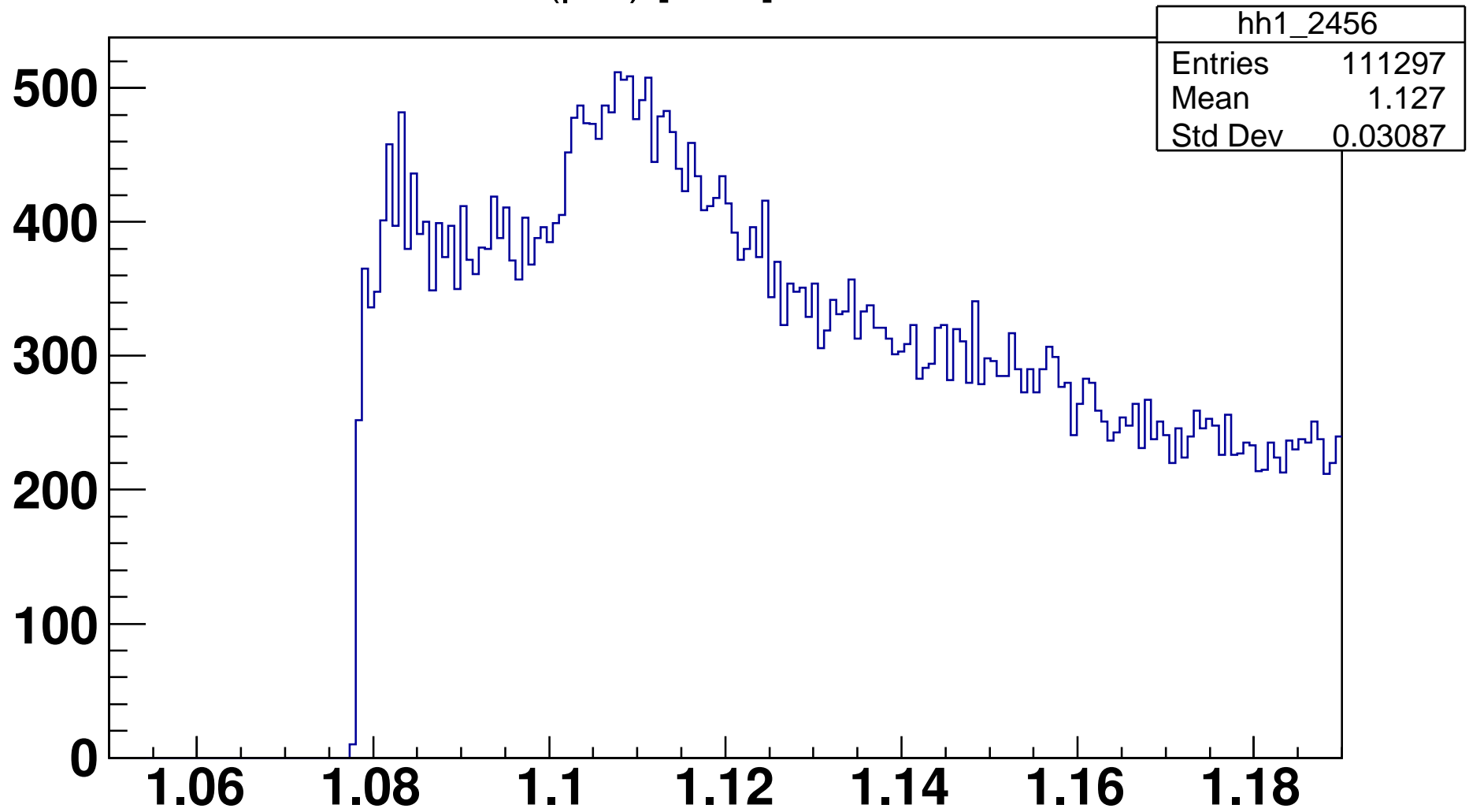


Primary vertex position (Z) reconstructed.

Λ invariant mass.

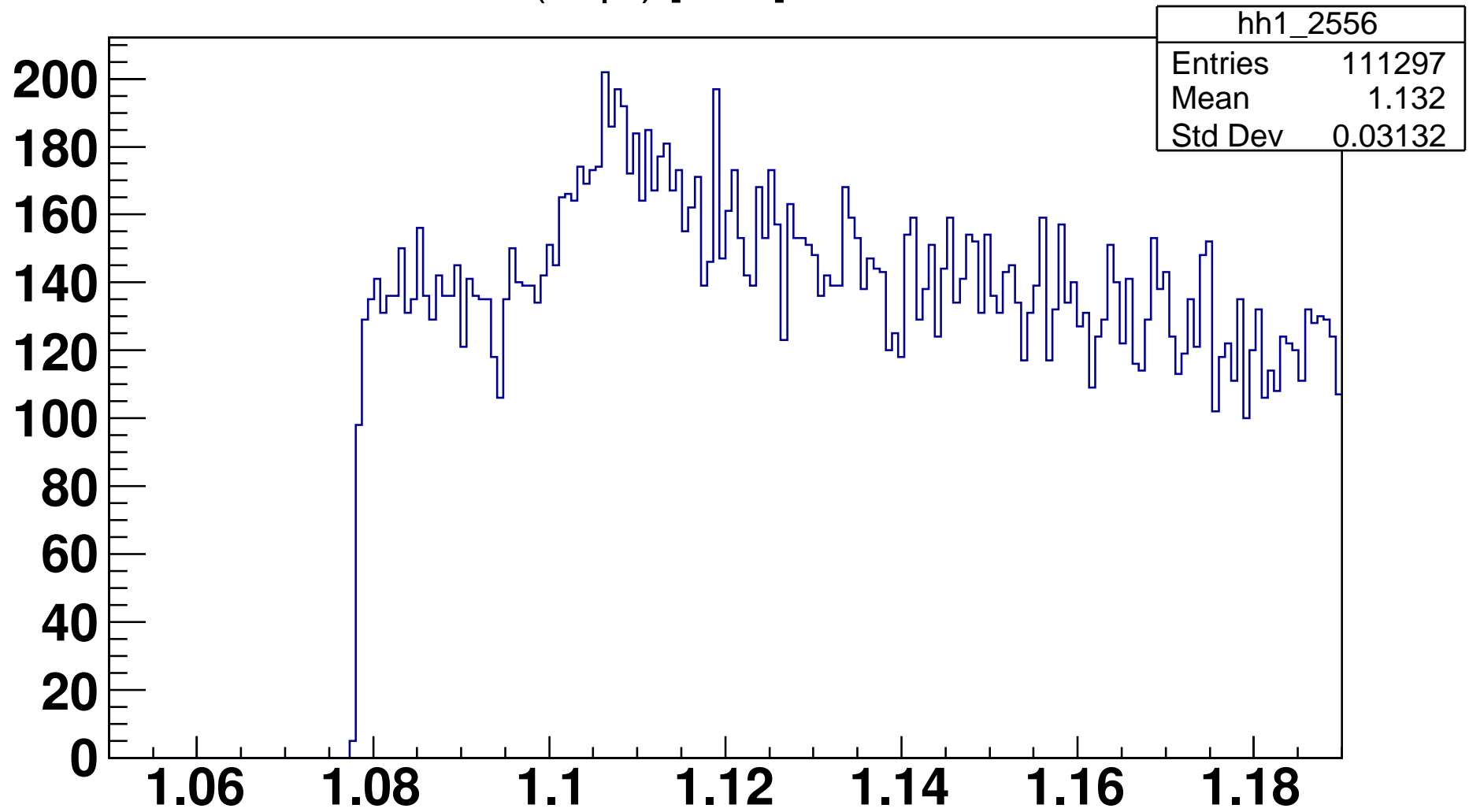


$M(p\pi^-)$ [GeV]. All V0s



Mscale - 0.85.

$M(\pi^+p^-)$ [GeV]. All V0s



Mscale - 0.85.