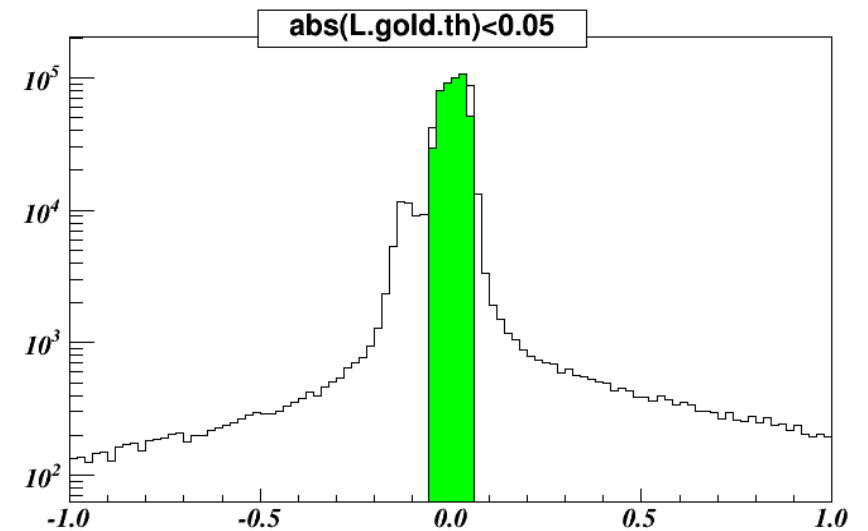
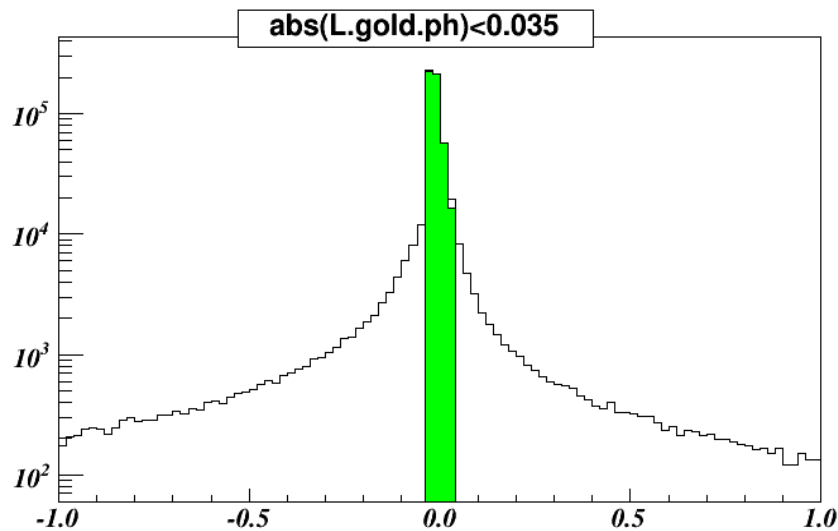
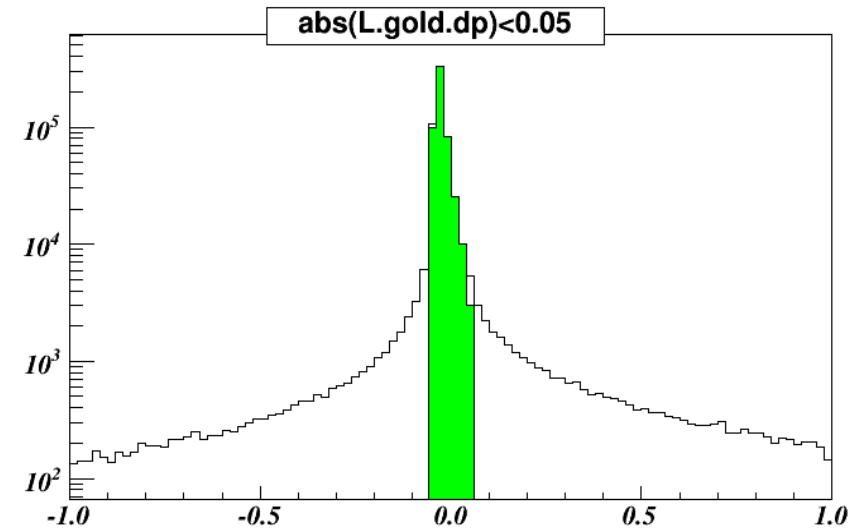
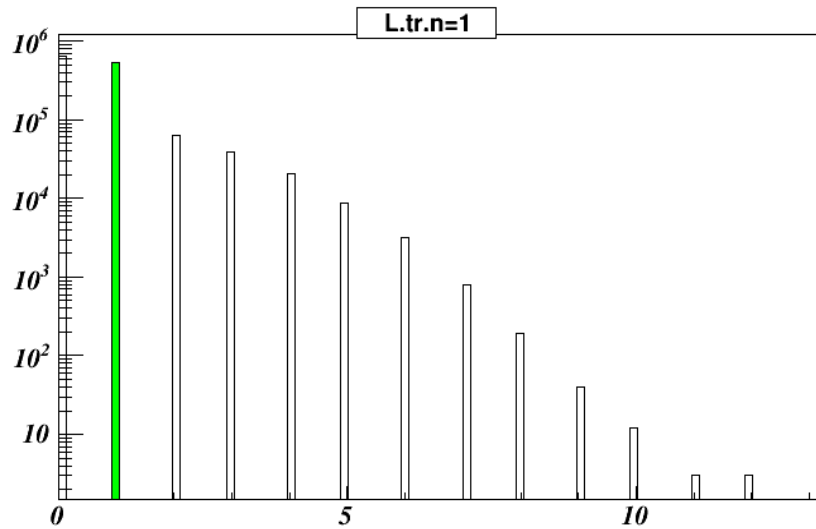
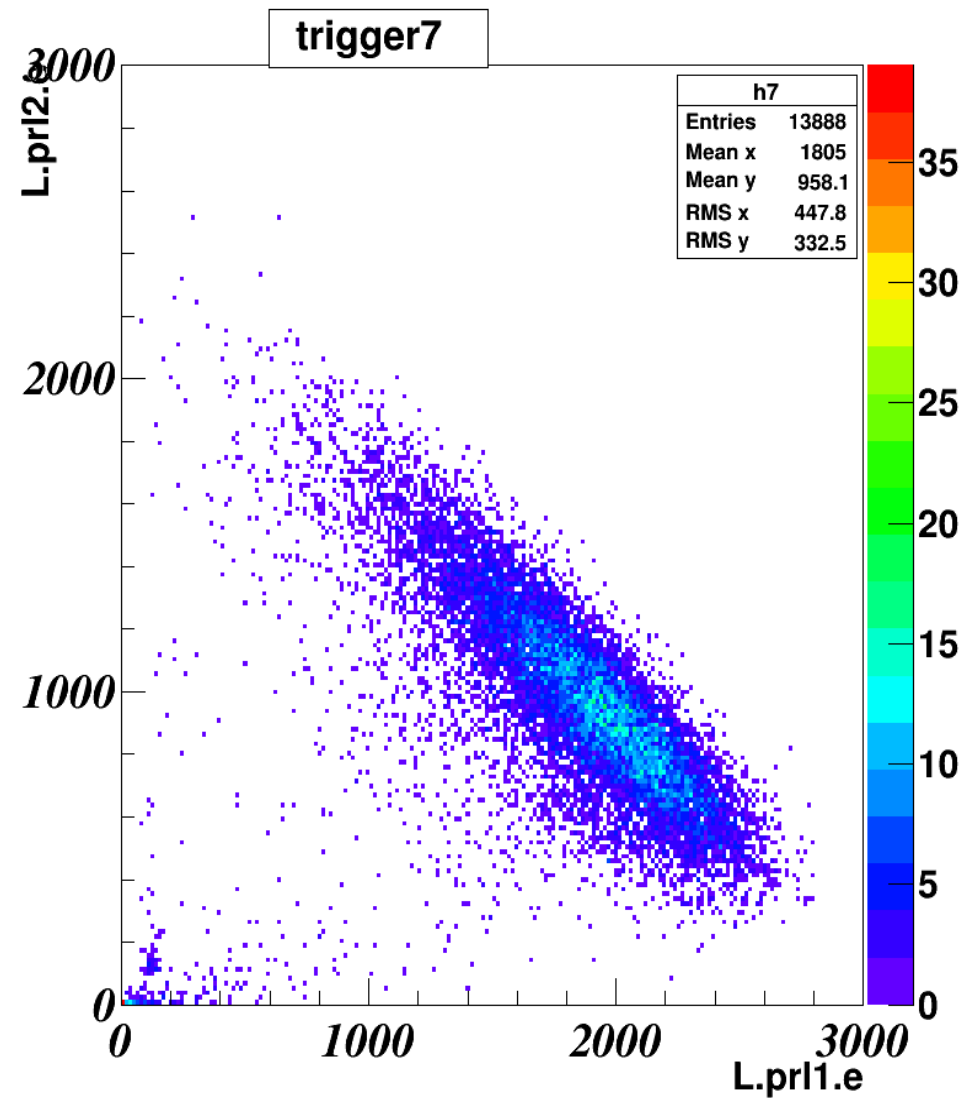
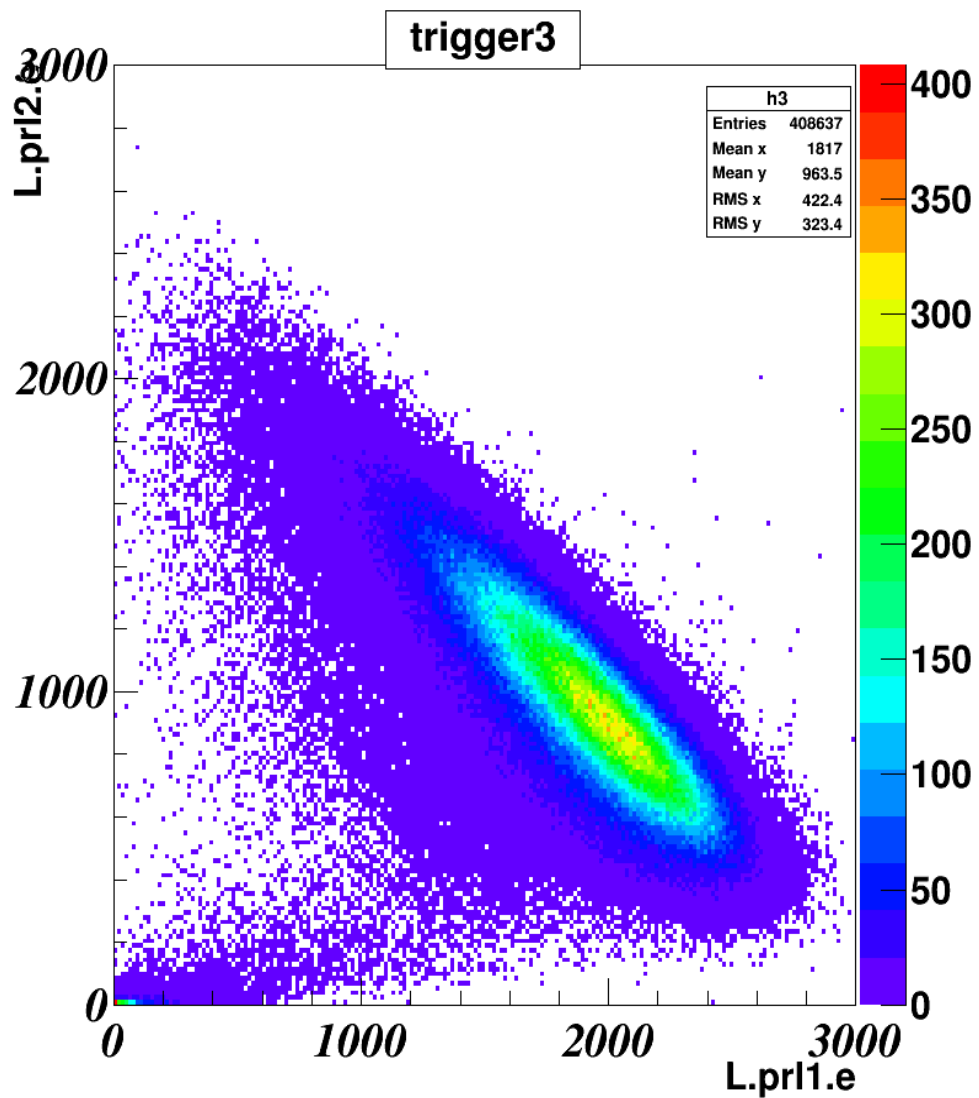


PID : Particle identification Efficiency

First steps: apply the cuts to select good events: tracking and acceptance cuts

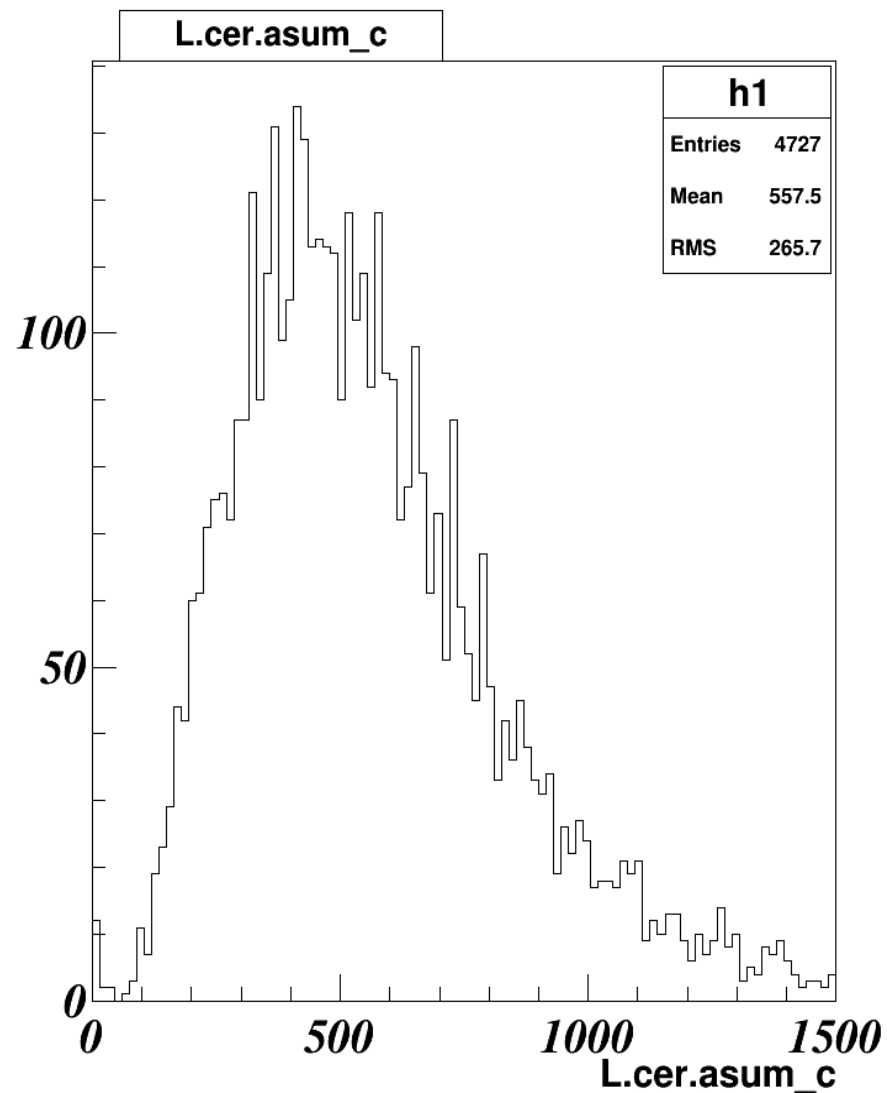
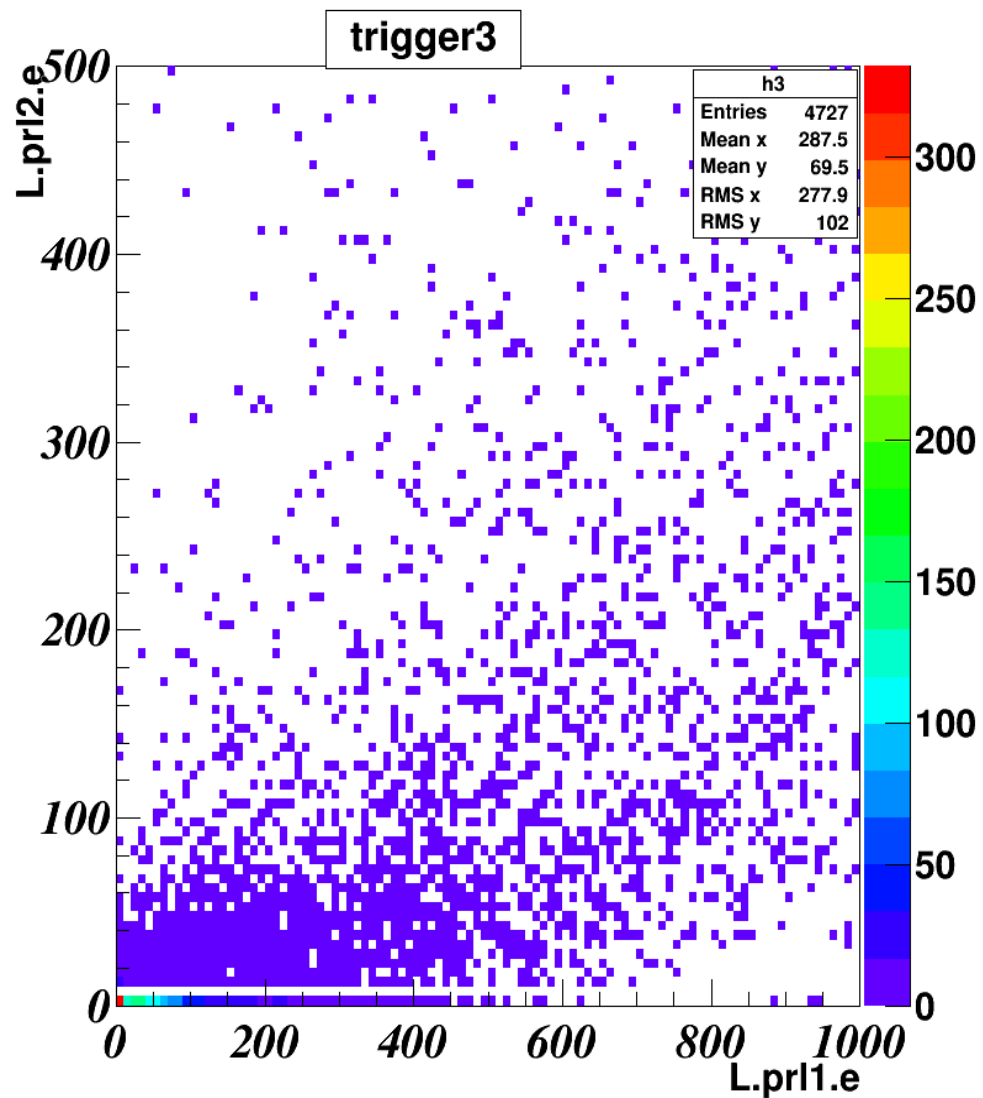


Select event sample: electron sample and Pion sample



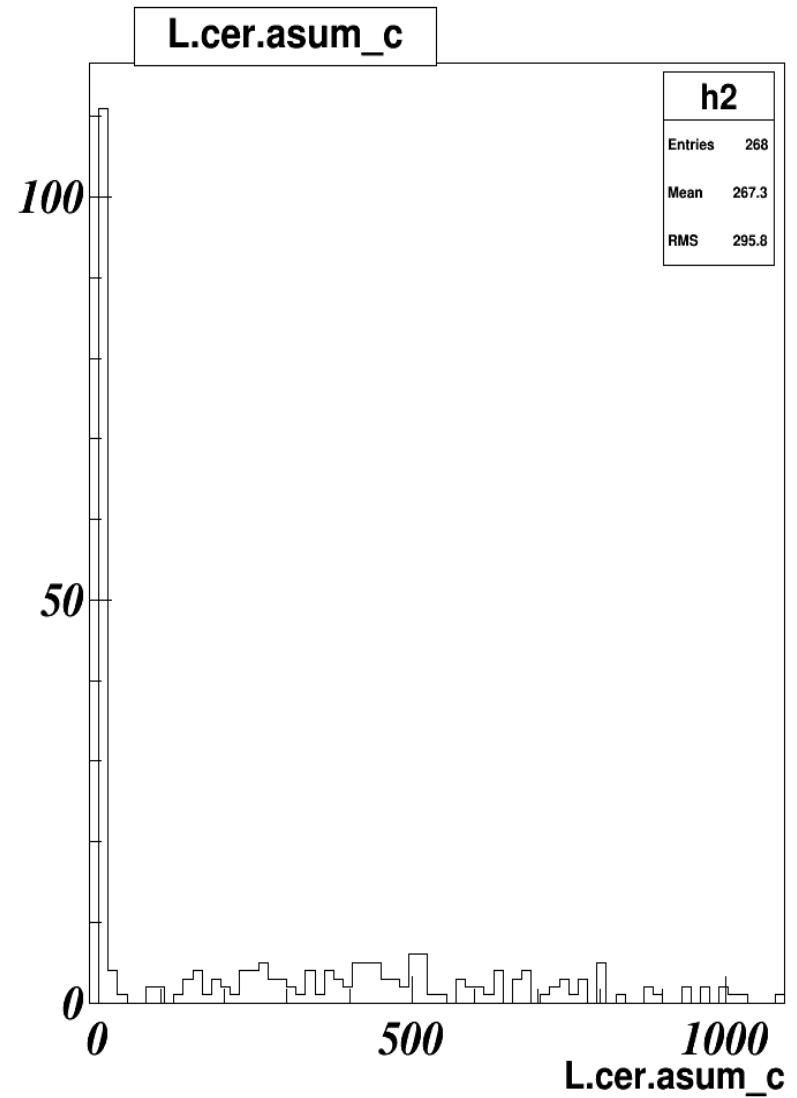
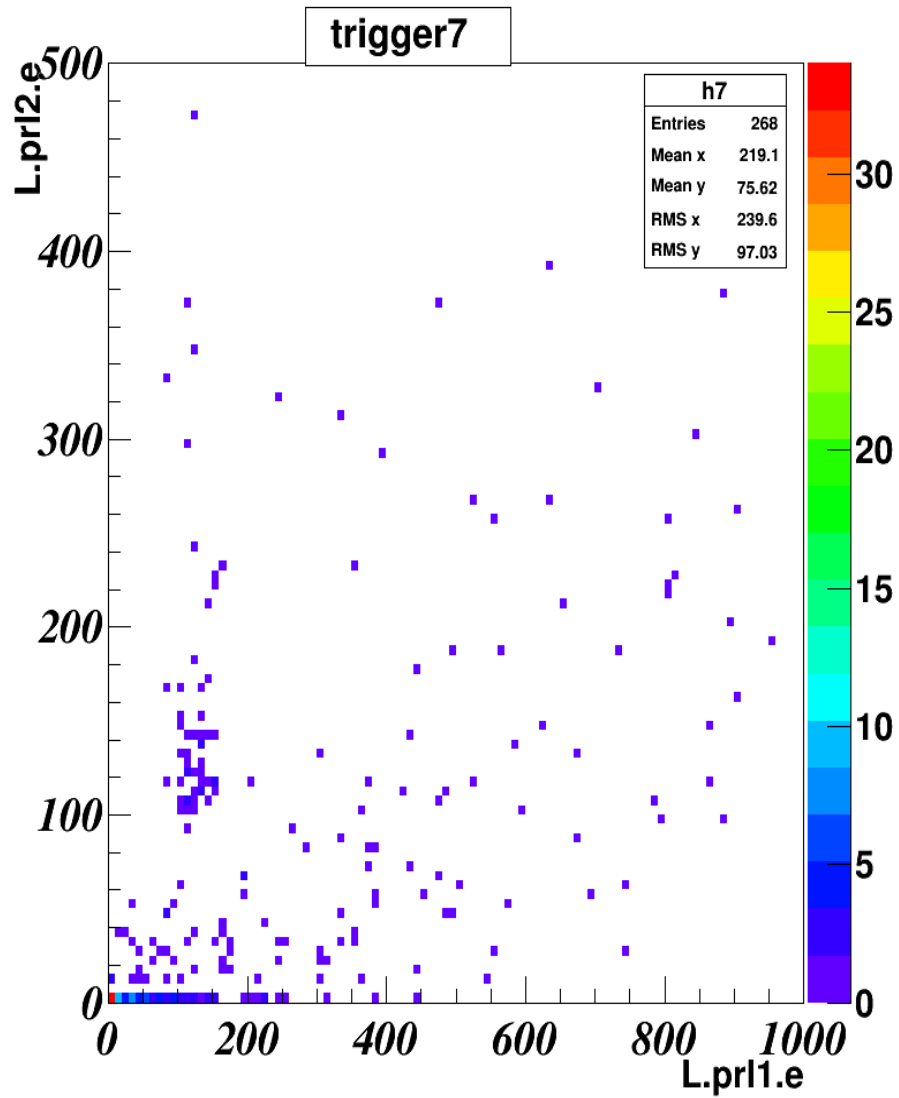
Run 3681, Kin 3.1 (P0= 2.905 GeV, theta: 21)

Pion sample



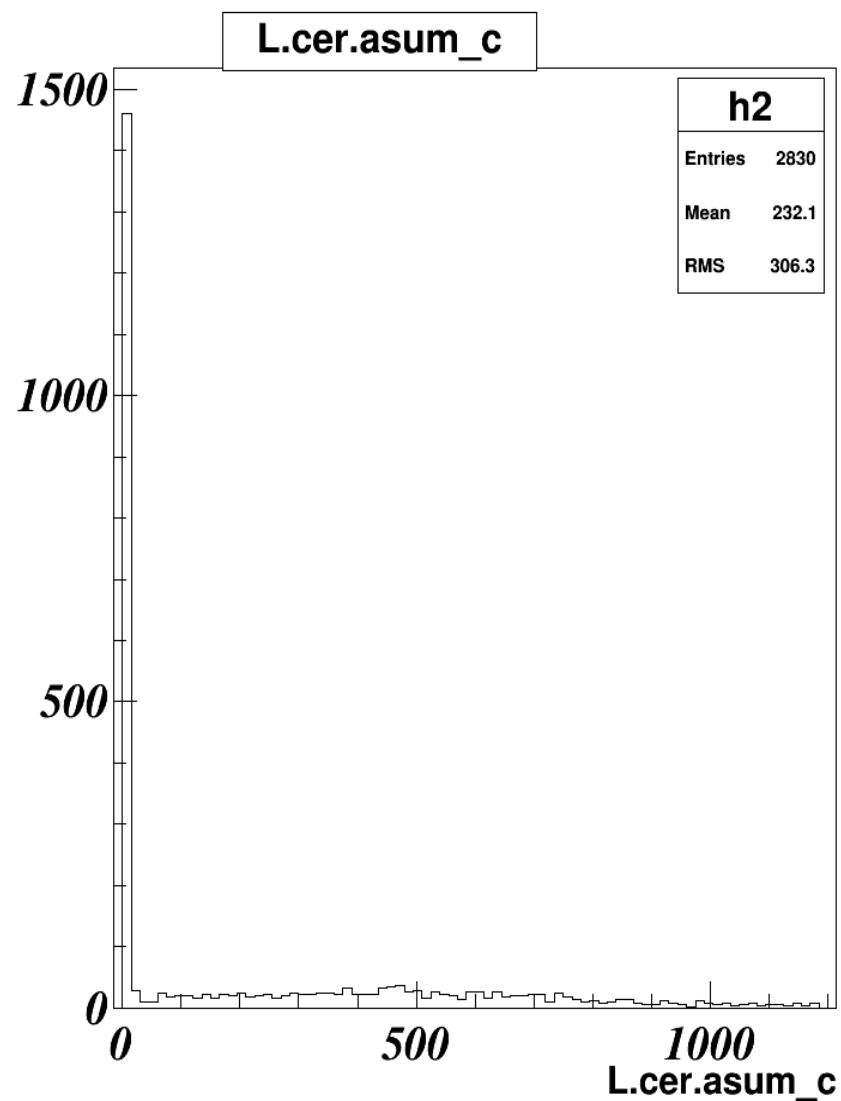
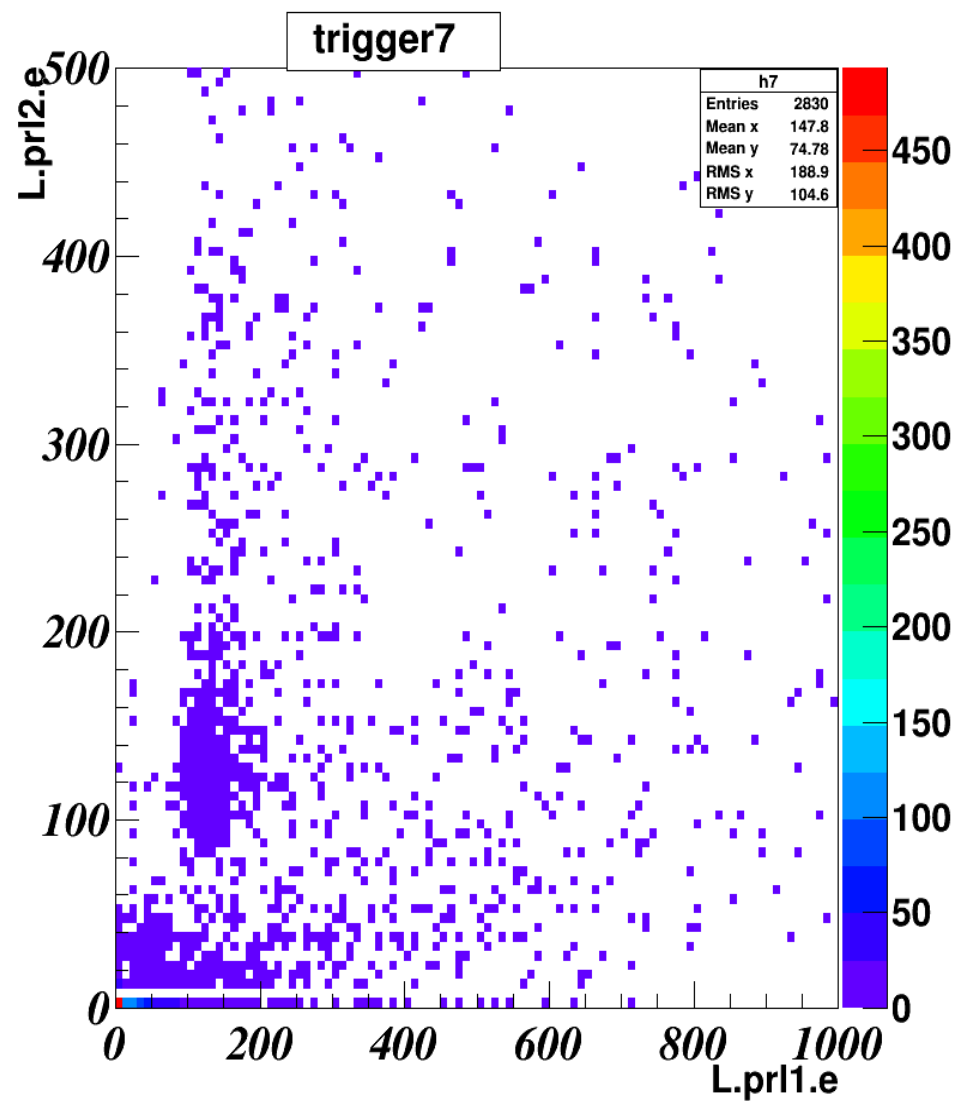
Run 3681. Kin 3.1

Using trigger & not included the Cer

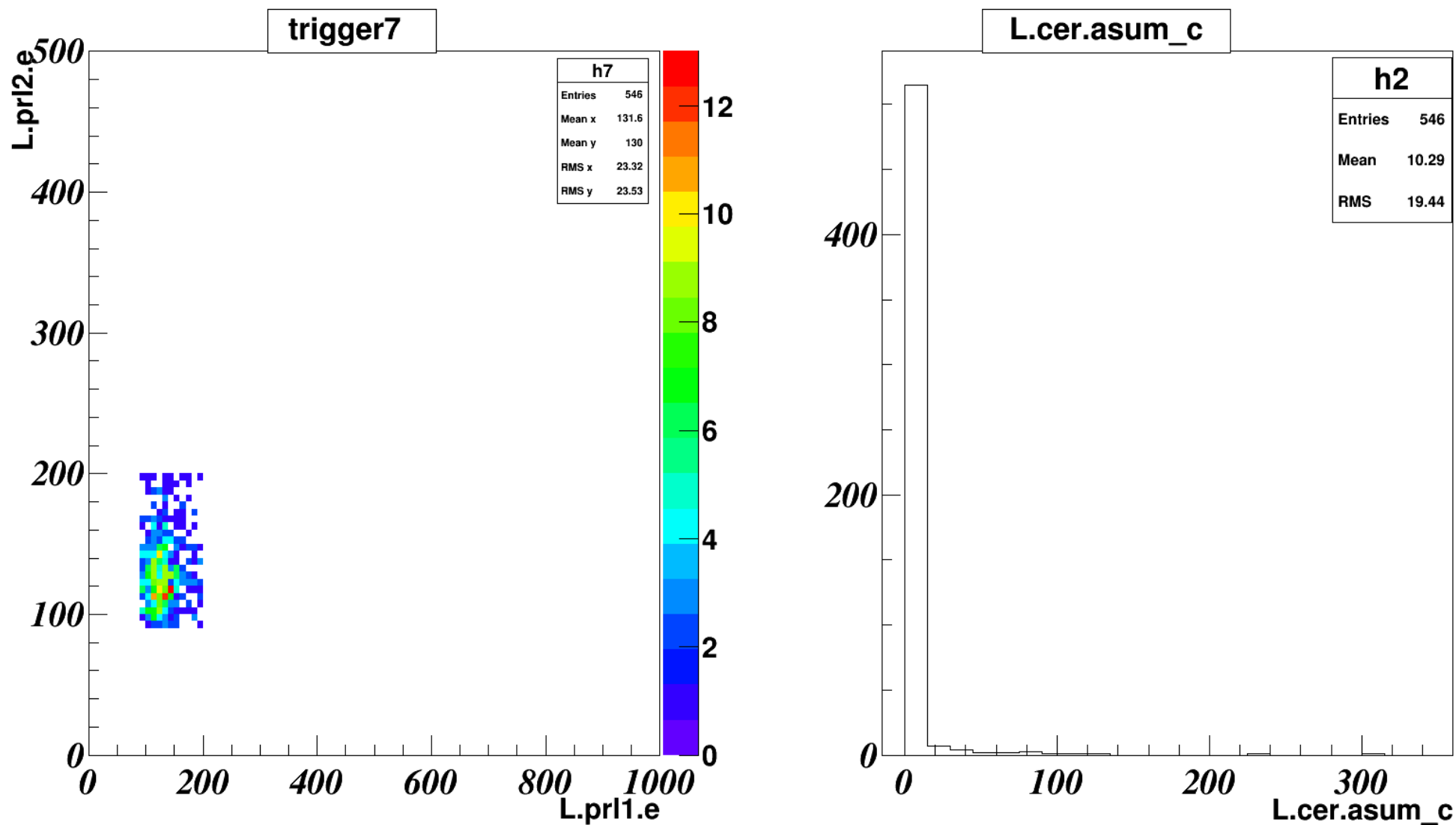


Run 3681. Kin3.1

Try other Kinematic setting: Run 3643, Kin 5.1



Select clean pion sample : Run 3642, Kin 5.1



Total number event of this sample : 546 =>we dont have good statistic.