

Pt cuadrado con Variable Size Bin

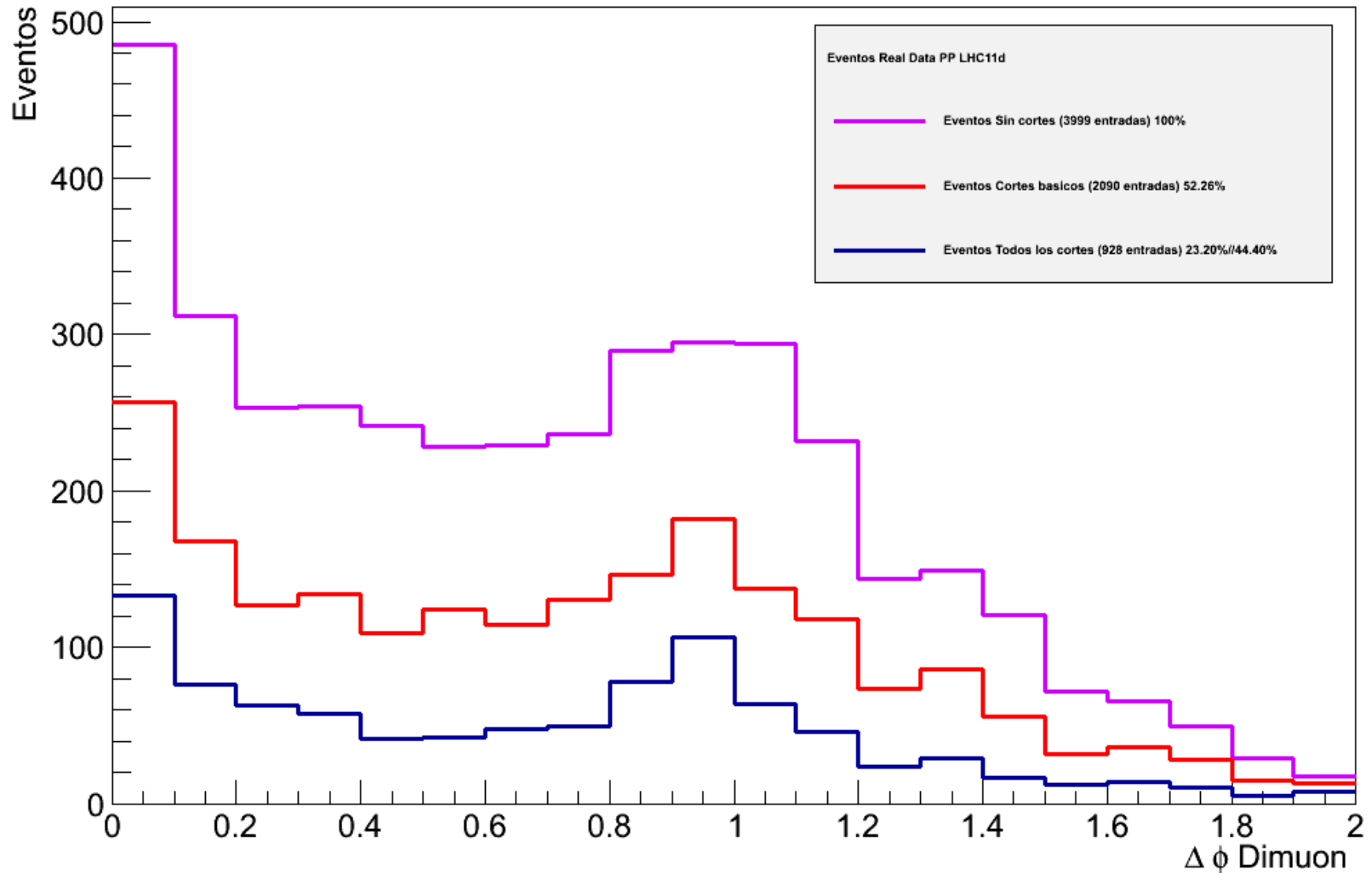
Gibraham I. Nápoles

01/05/2013

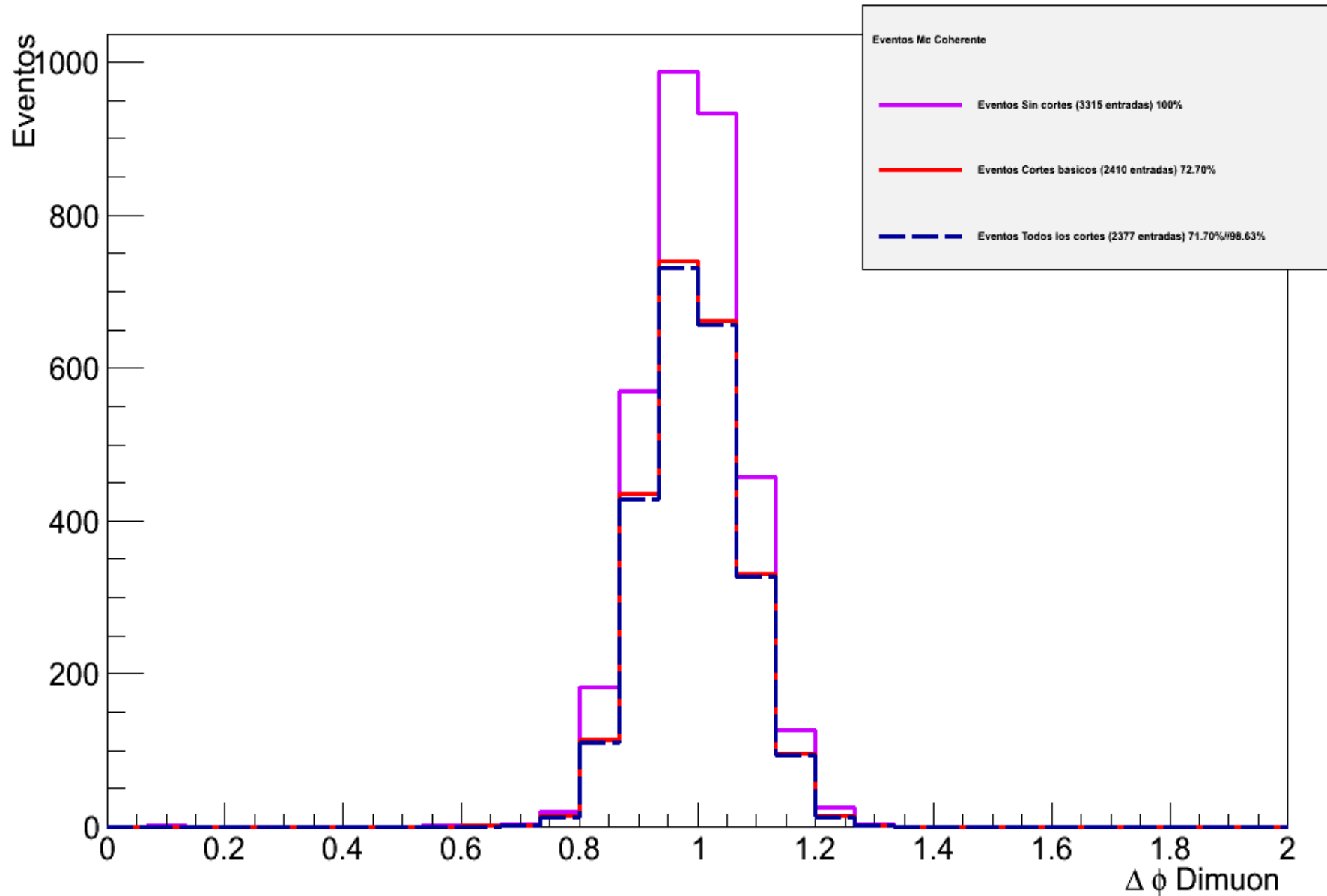
Tipos de Cortes

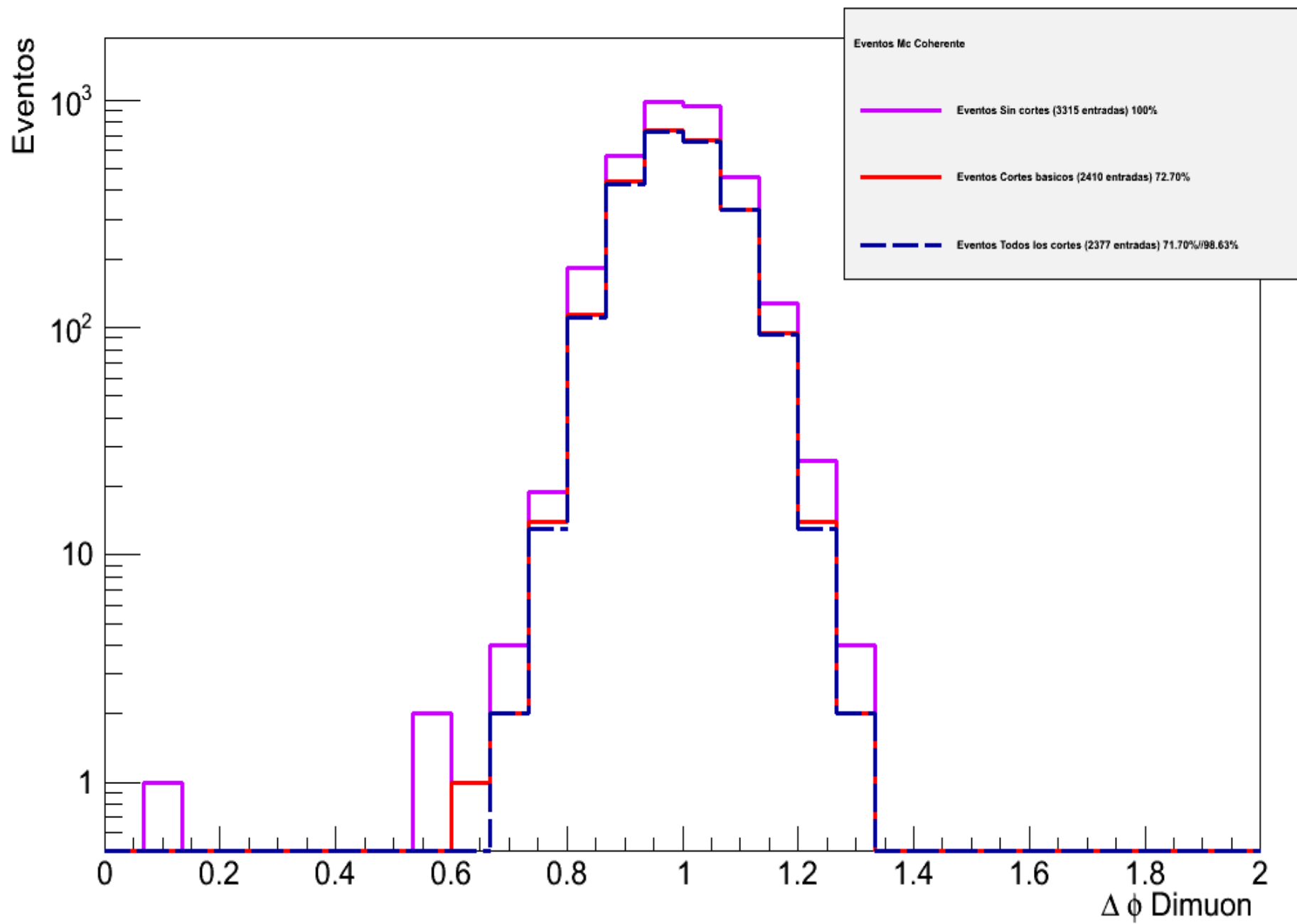
- Sin Cortes : únicamente se pide $\mu^+\mu^-$
- Cortes básicos: $-3.6 < y < -2.6$, $-2.5 < \eta < -4$
- Todos cortes: $-3.6 < y < -2.6$, $-2.5 < \eta < -4$, $0.8 < |\Delta\Phi| < 1.2$, $|\Delta P_t| < 1.0$
- Corte Riguroso: Se amplia el rango de $\Delta\Phi, P_t$: $0.85 < |\Delta\Phi| < 1.1$, $|\Delta P_t| < 1.0$

Delta Phi Real Data

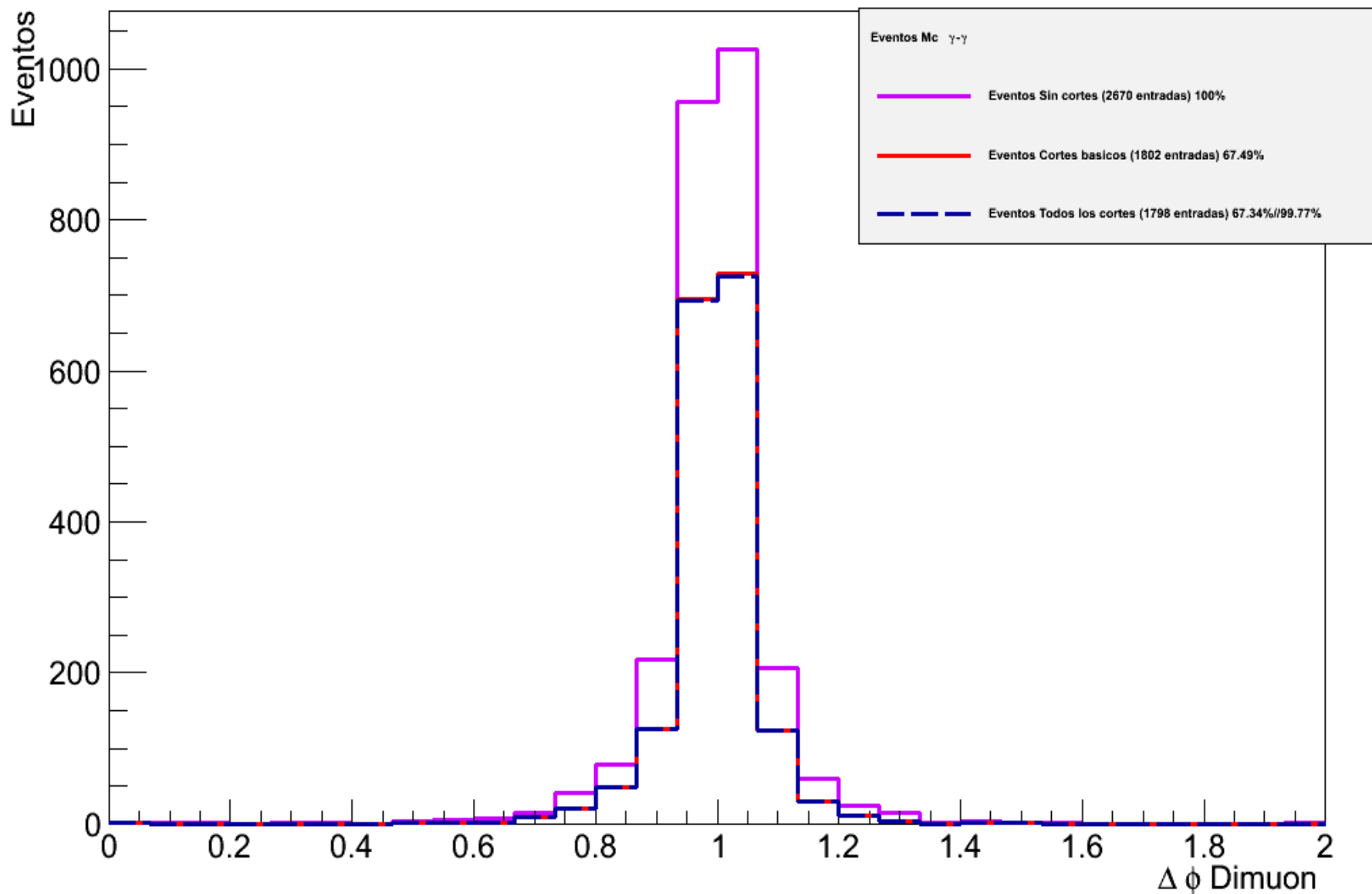


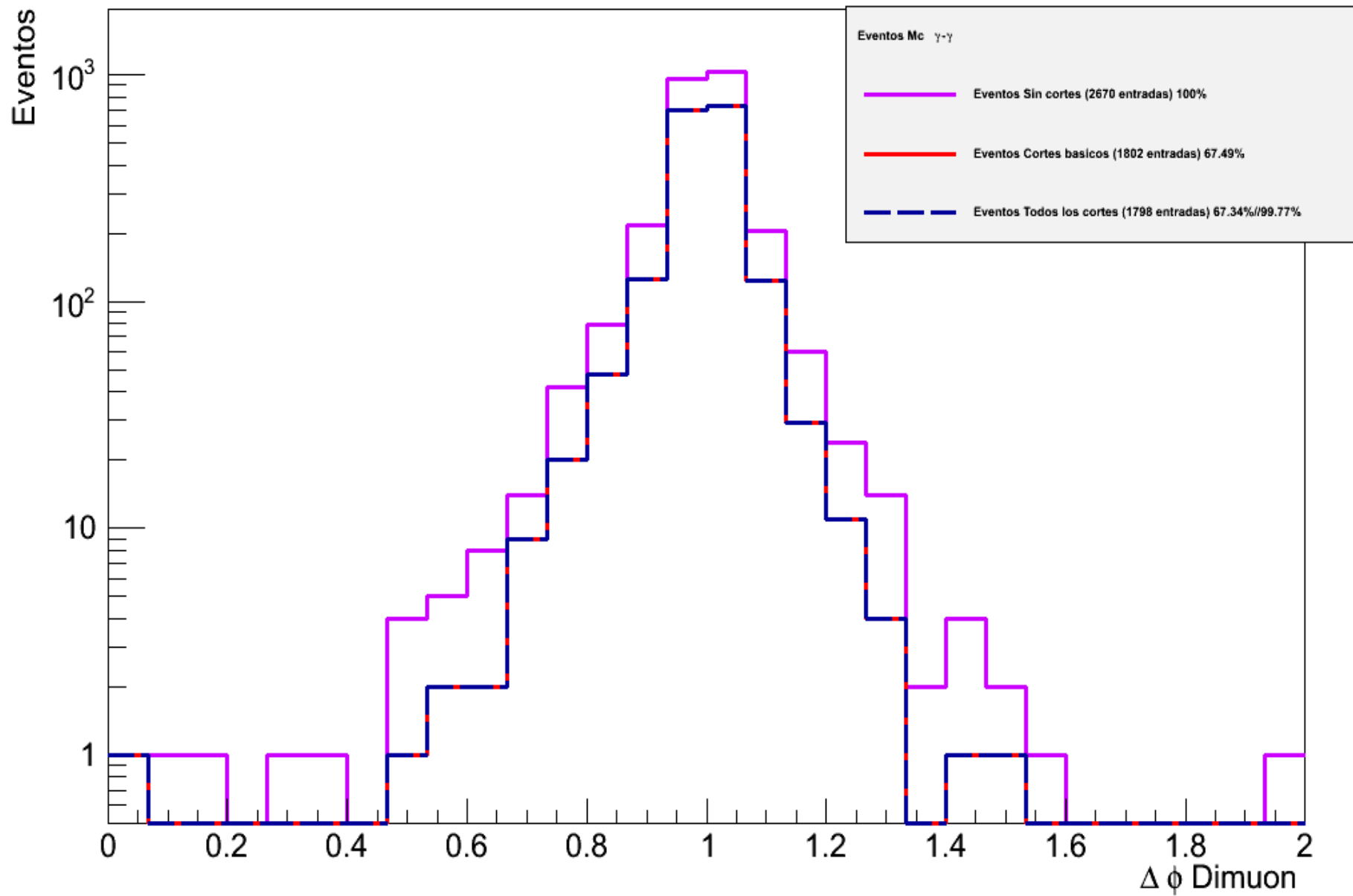
Delta Phi Coherente



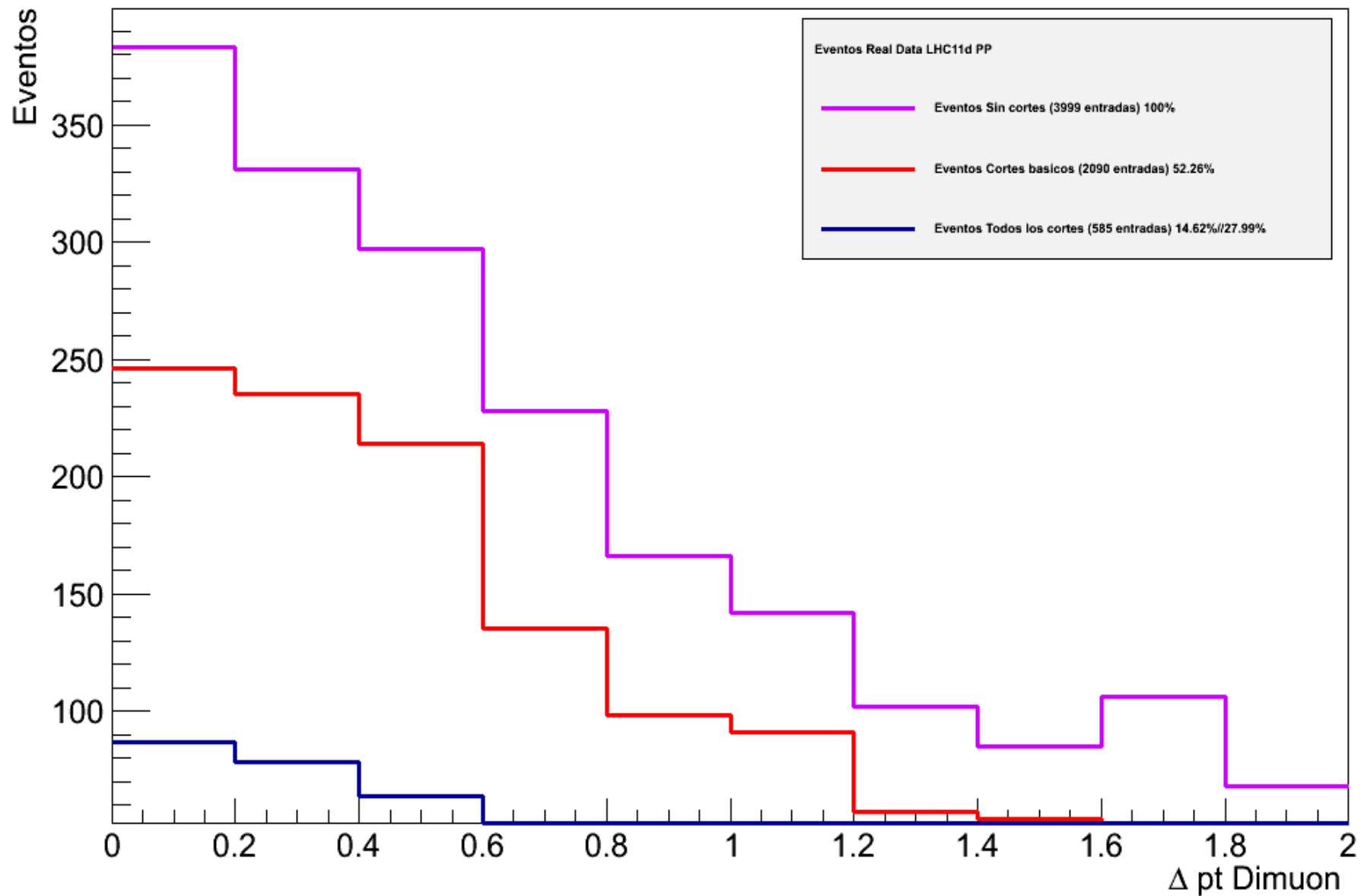


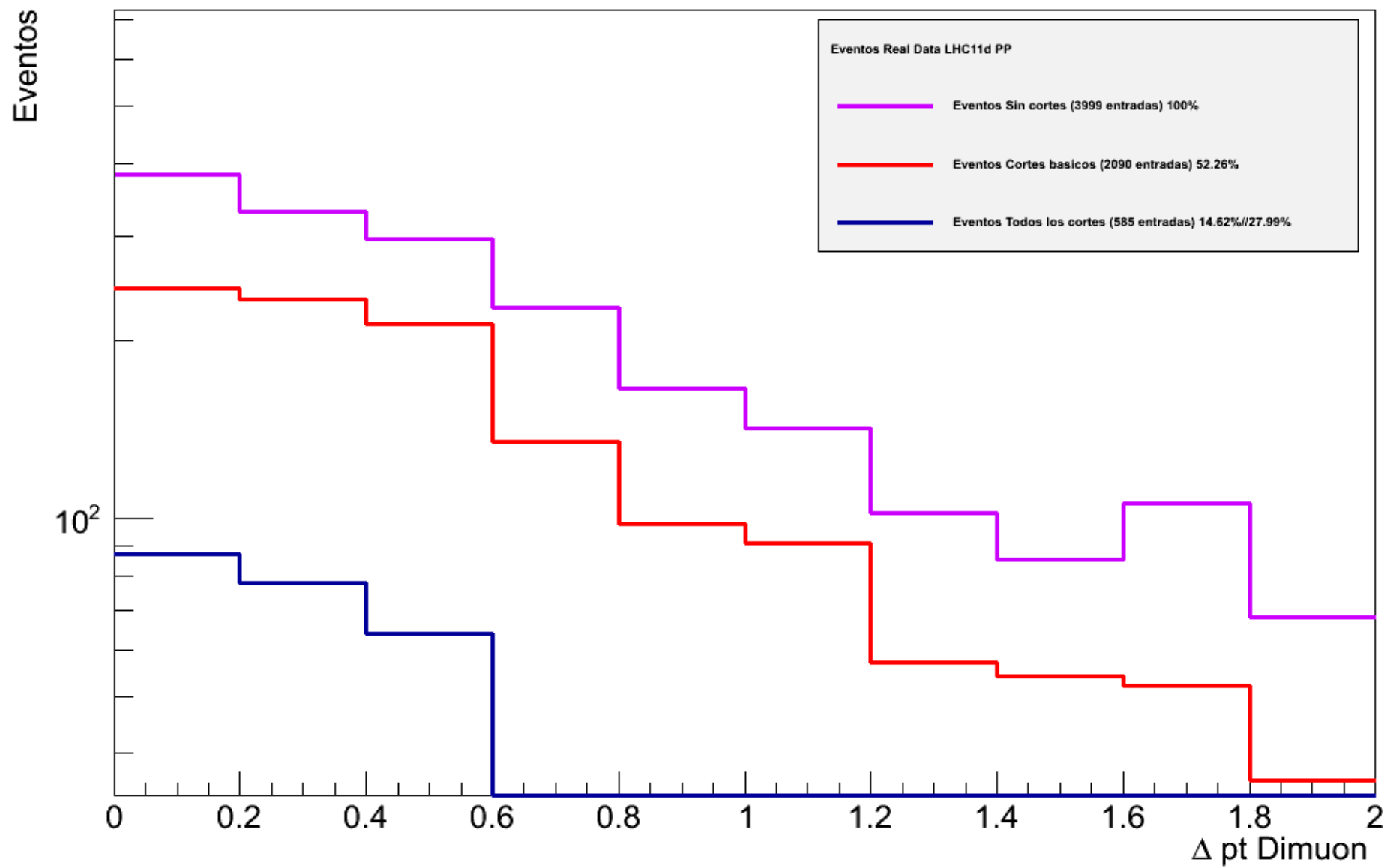
Delta Phi Gamma-Gamma



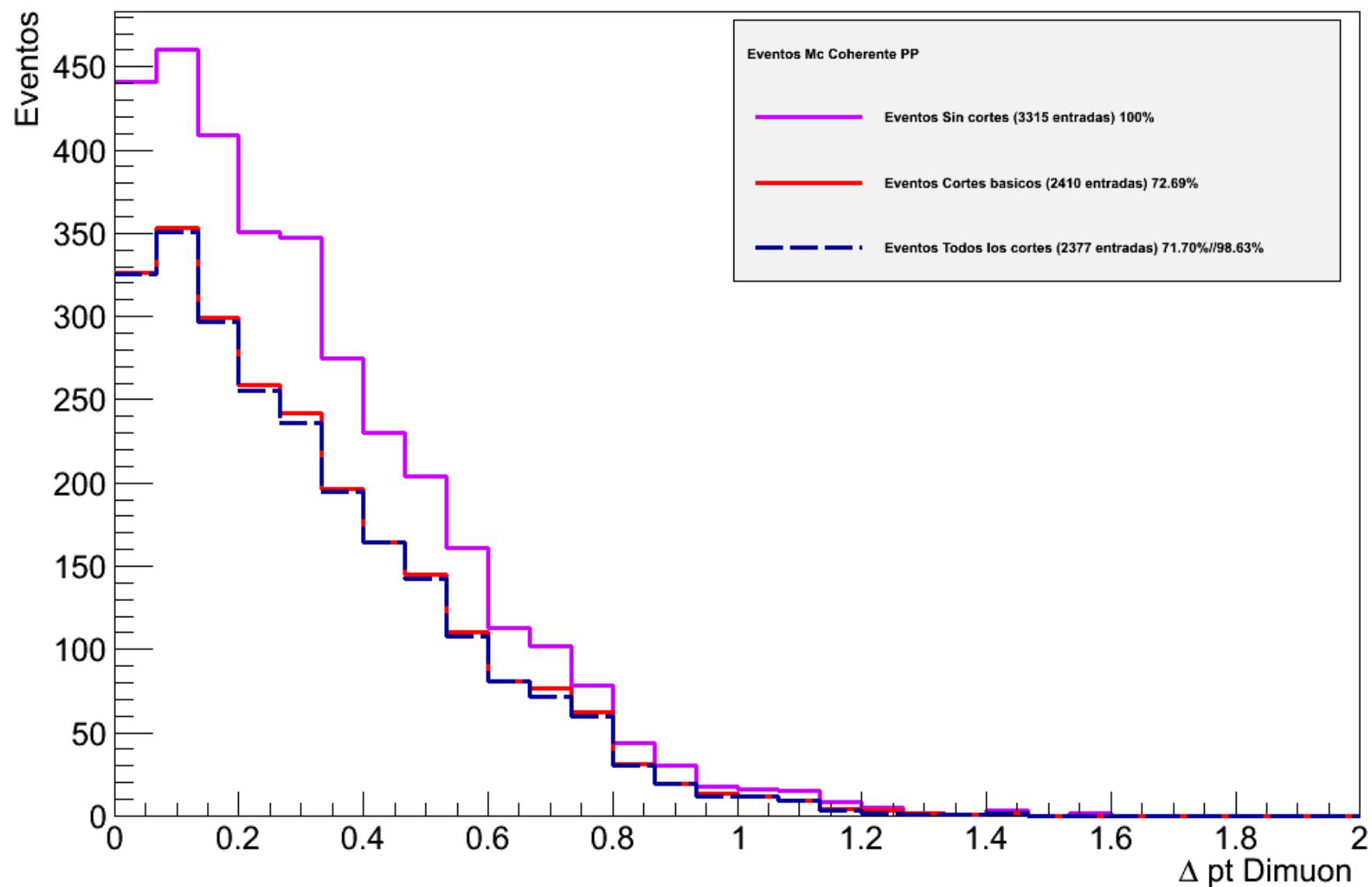


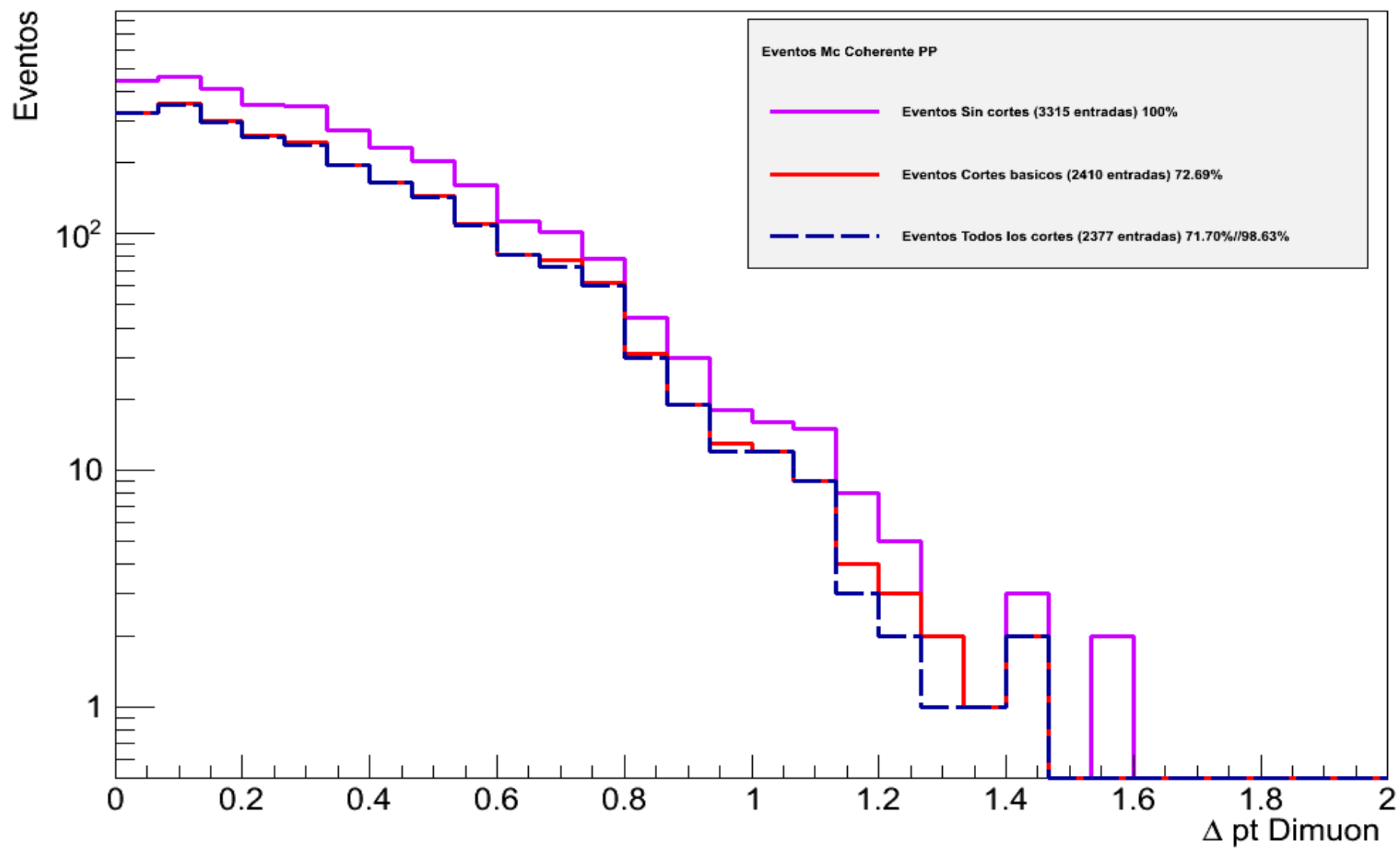
DeltaPt Real Data



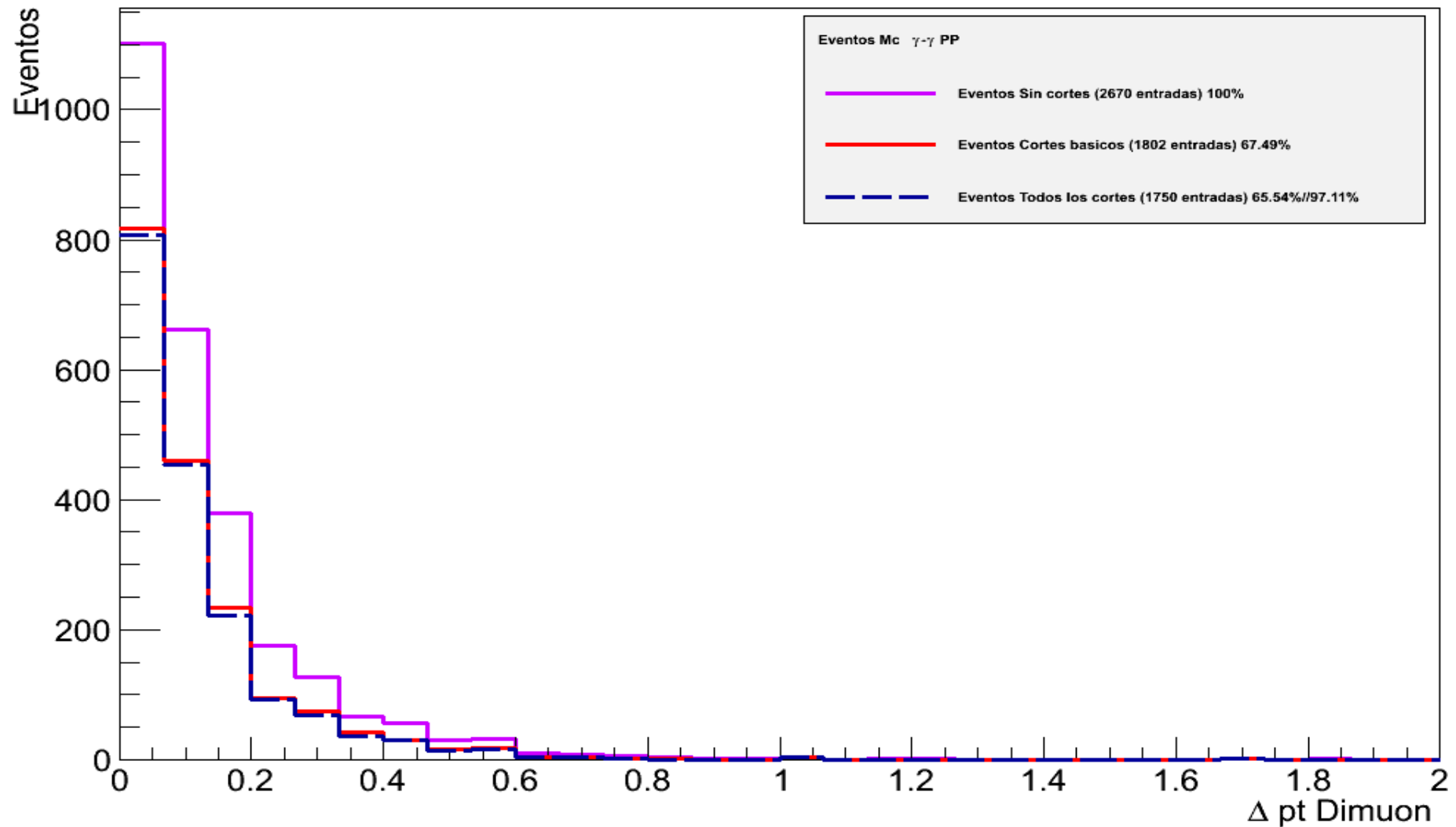


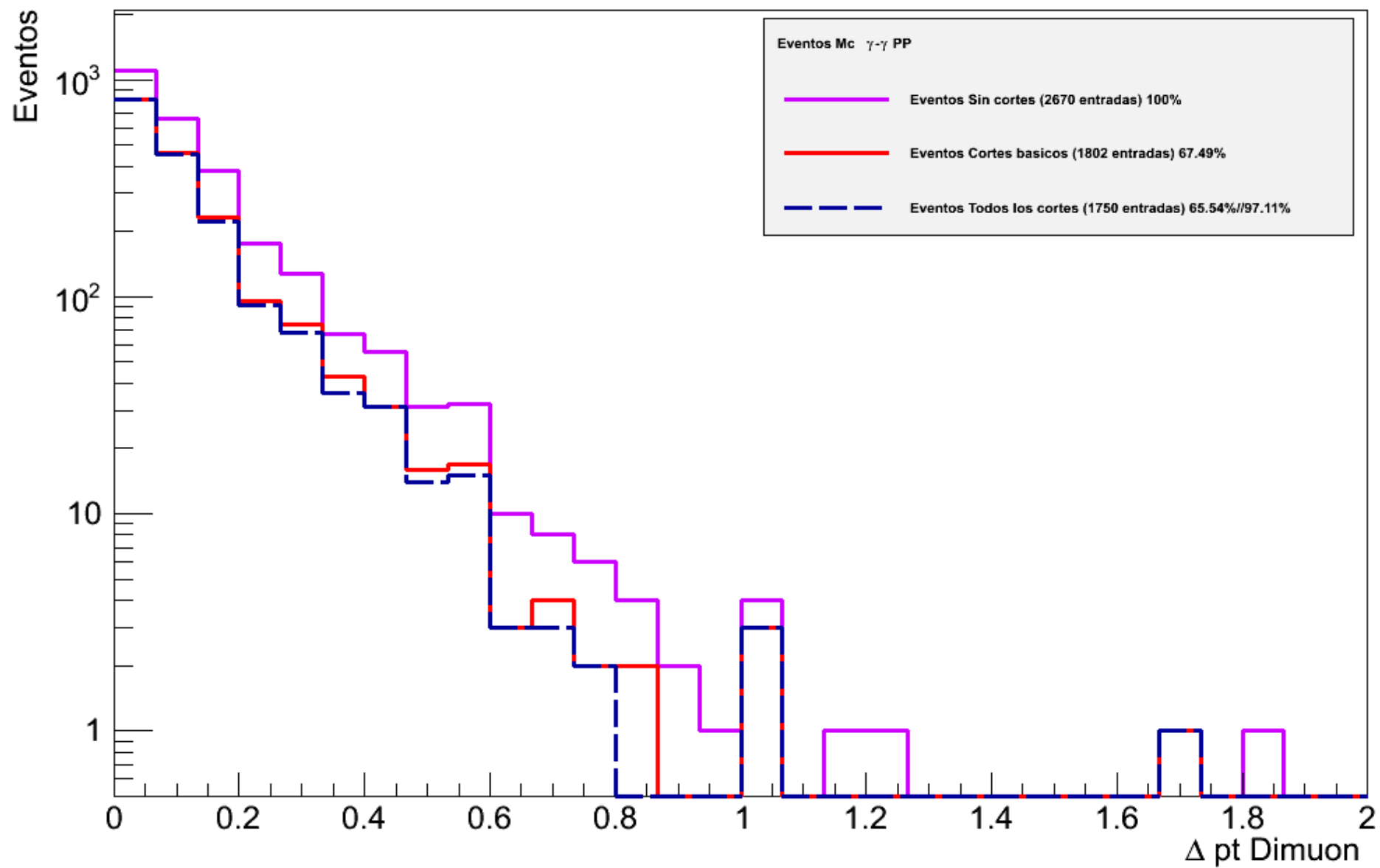
DeltaPt Coherente



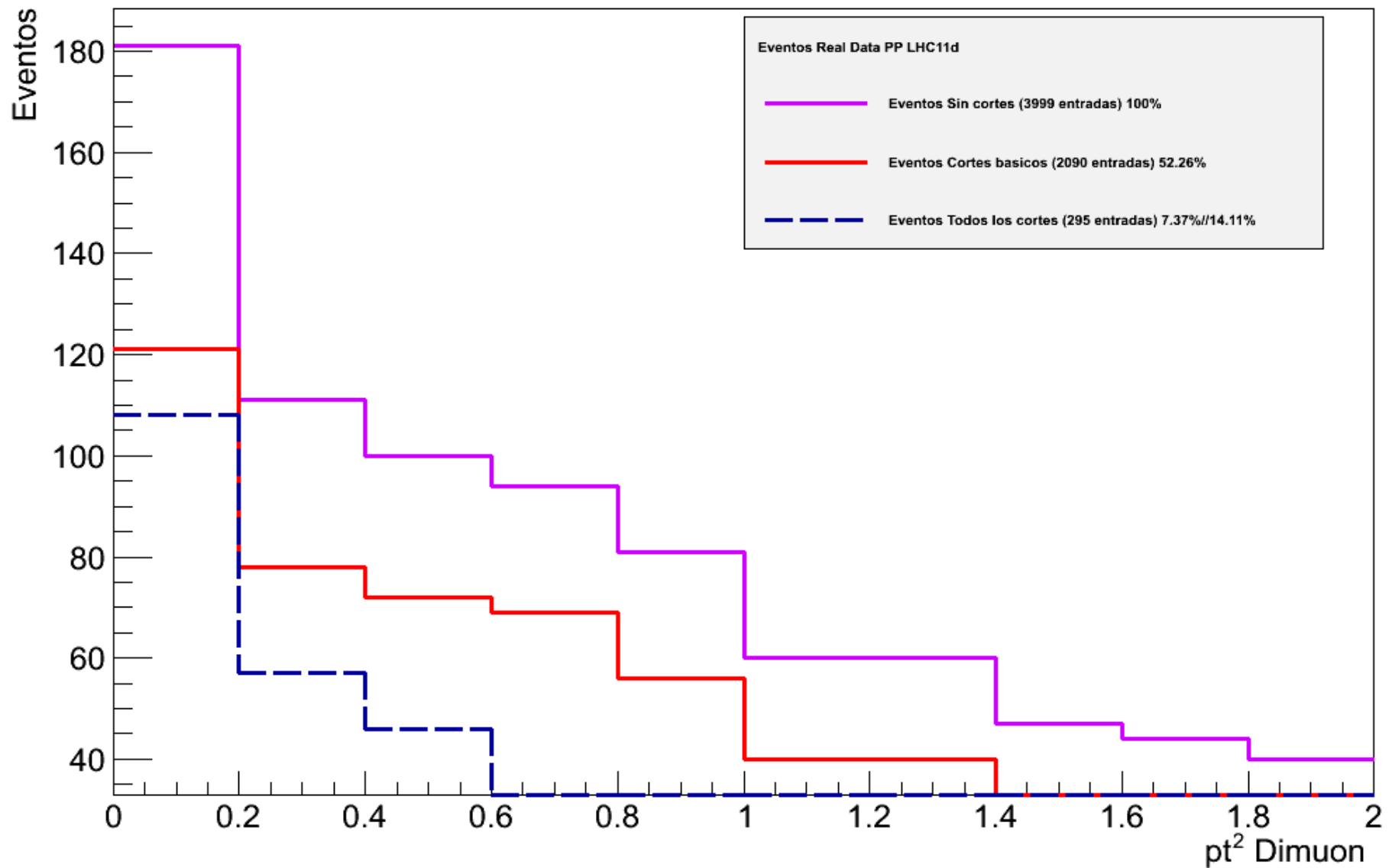


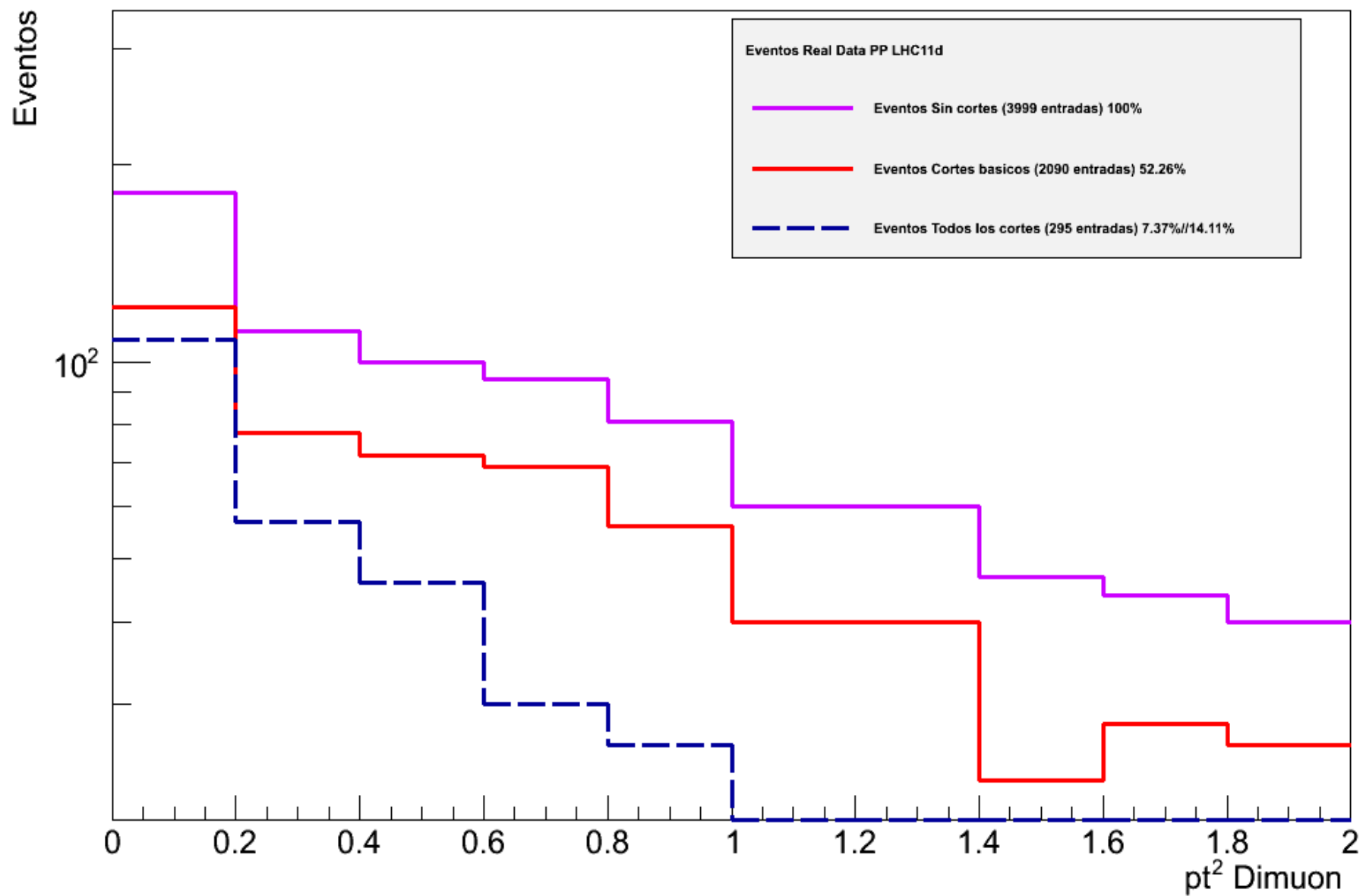
DeltaPt Gamma-Gamma



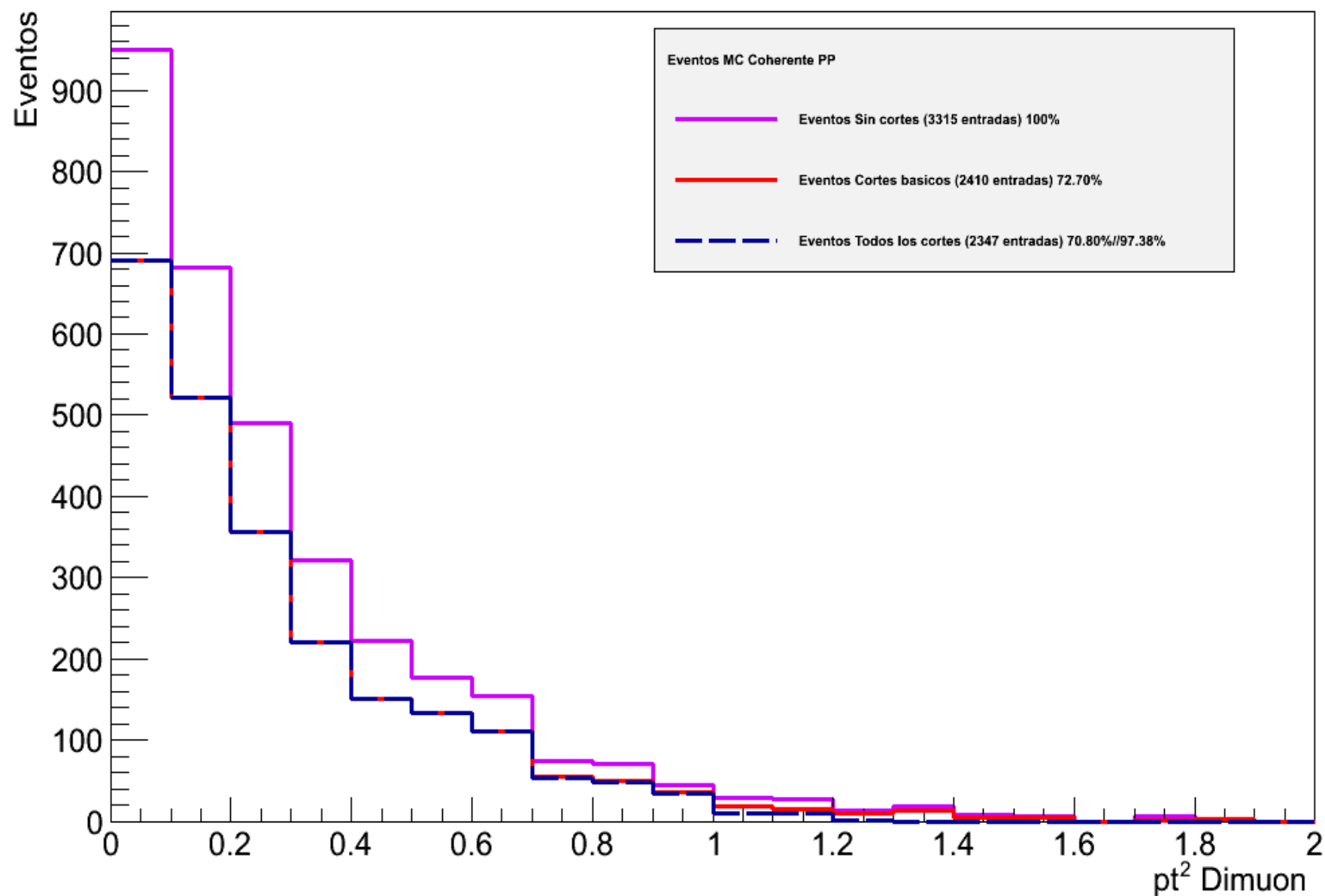


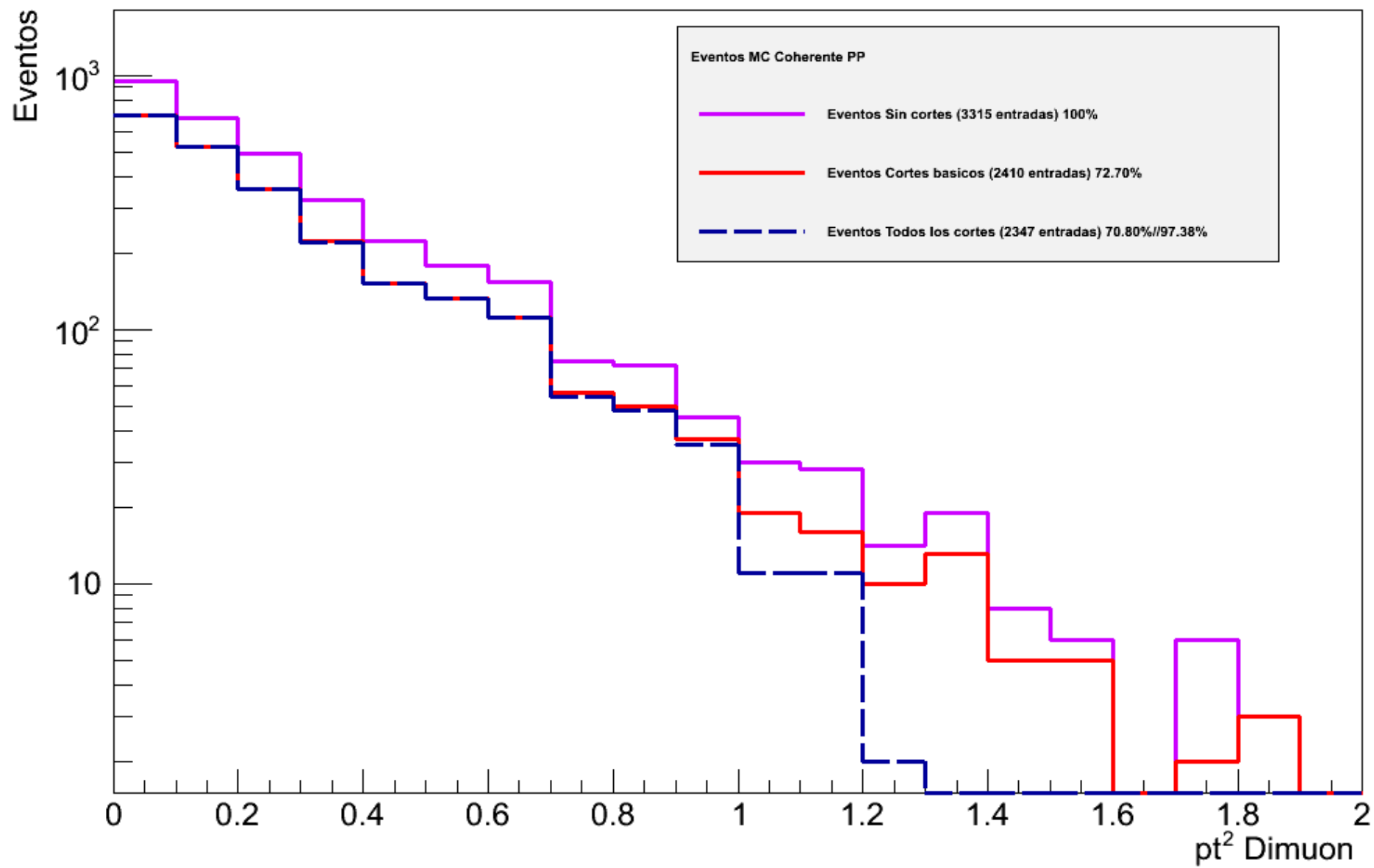
Pt Cuadrado Real Data



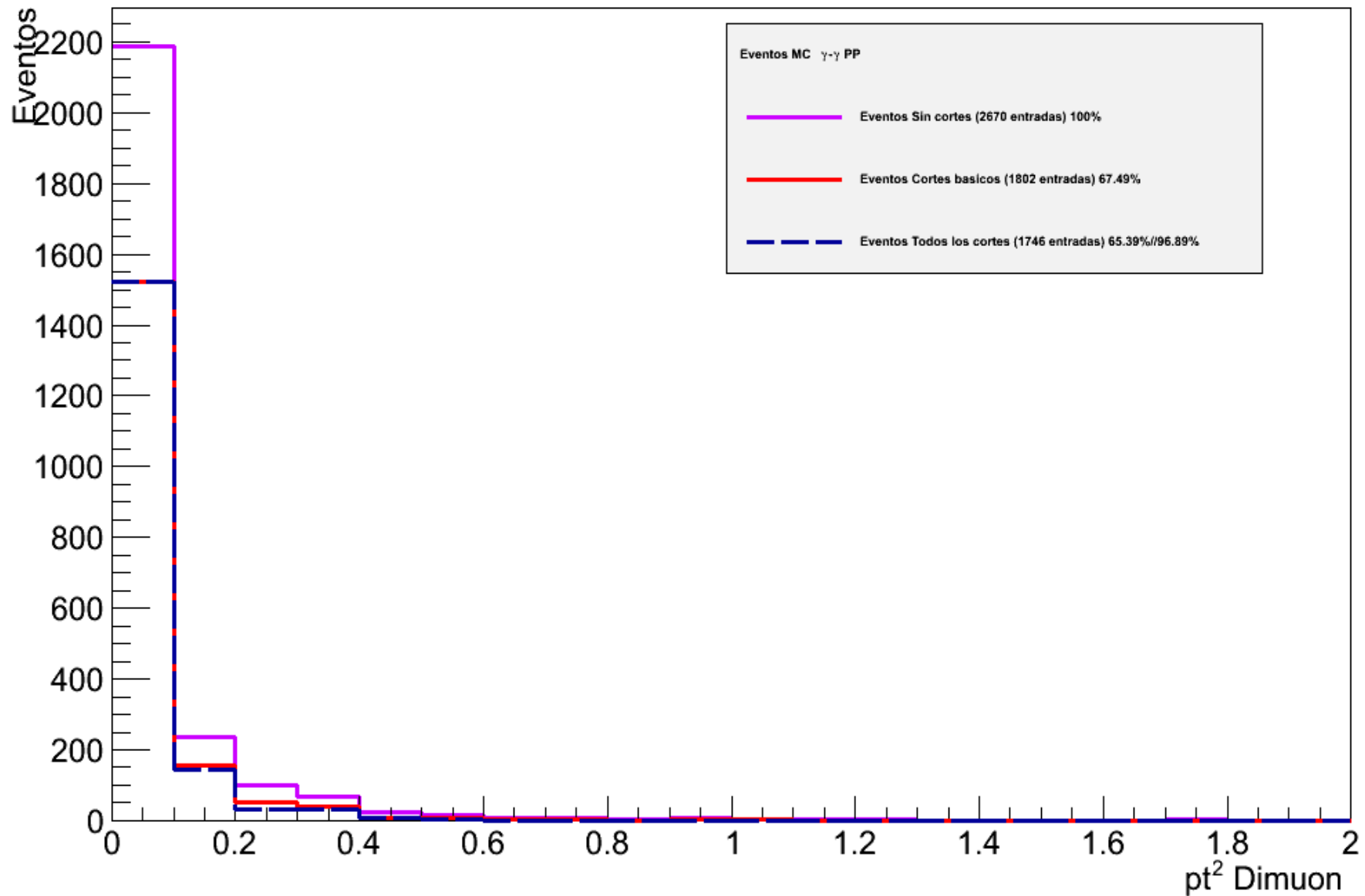


Pt Cuadrado Mc Coherente

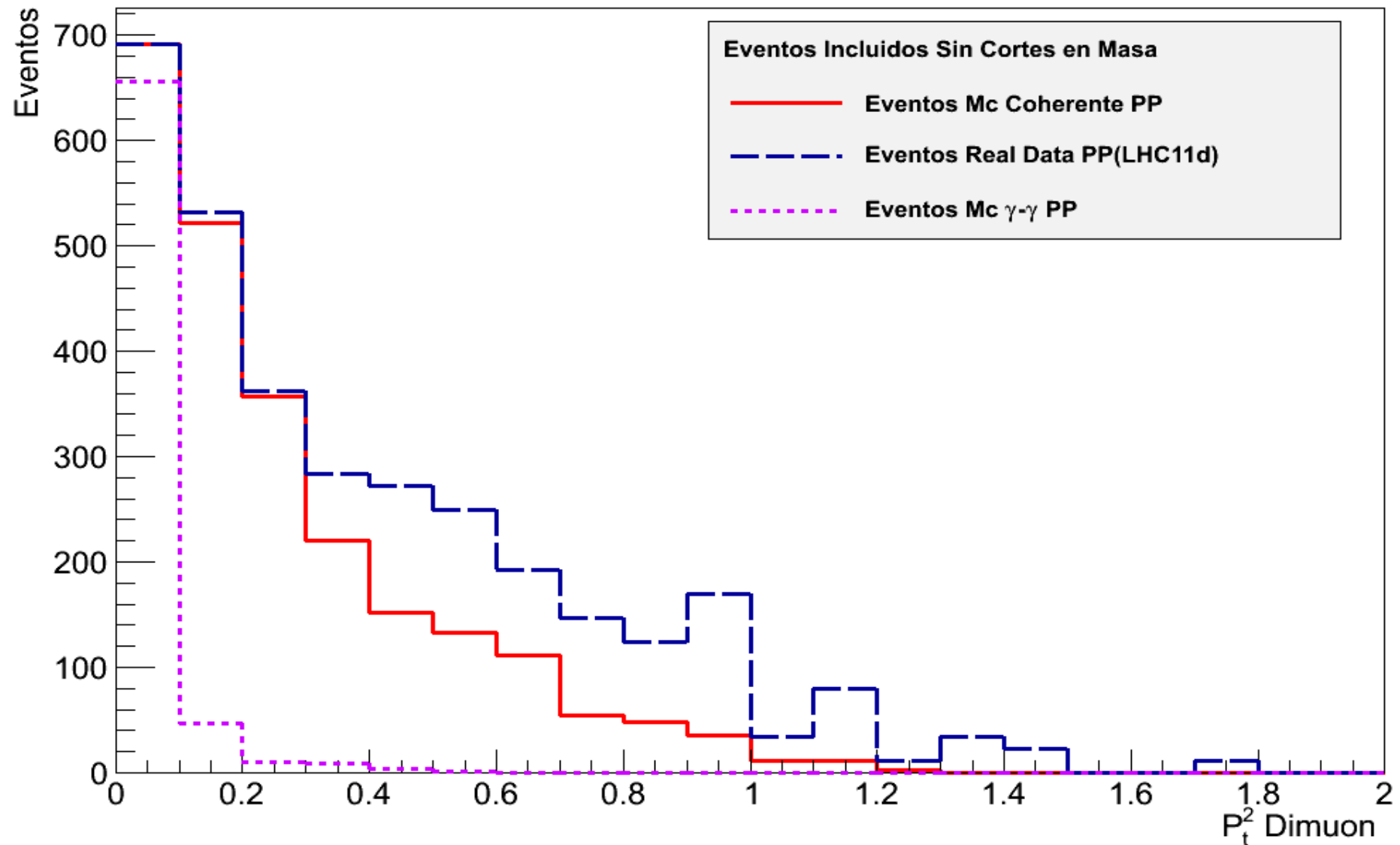


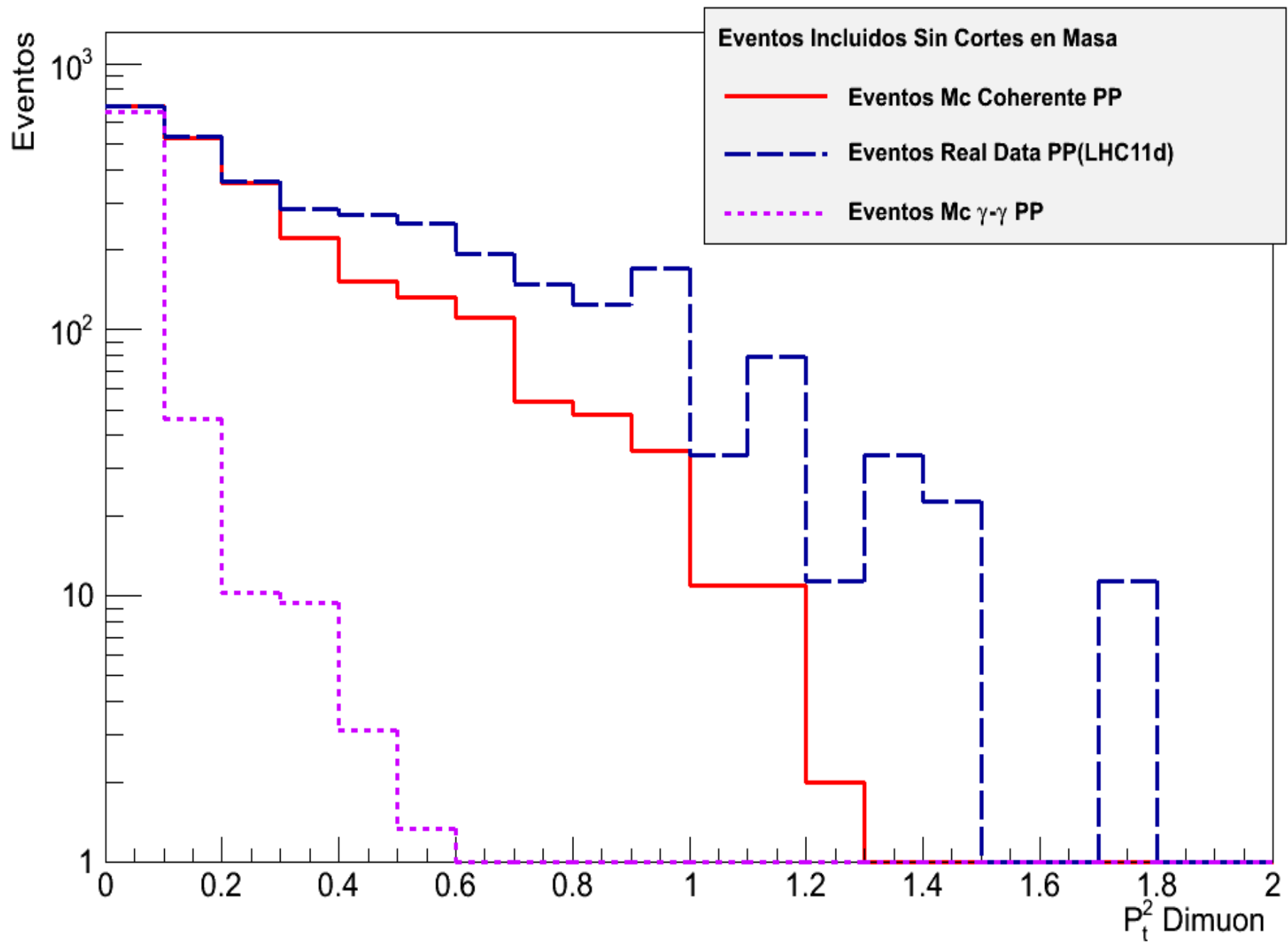


Pt Cuadrado Mc Gamma-Gamma

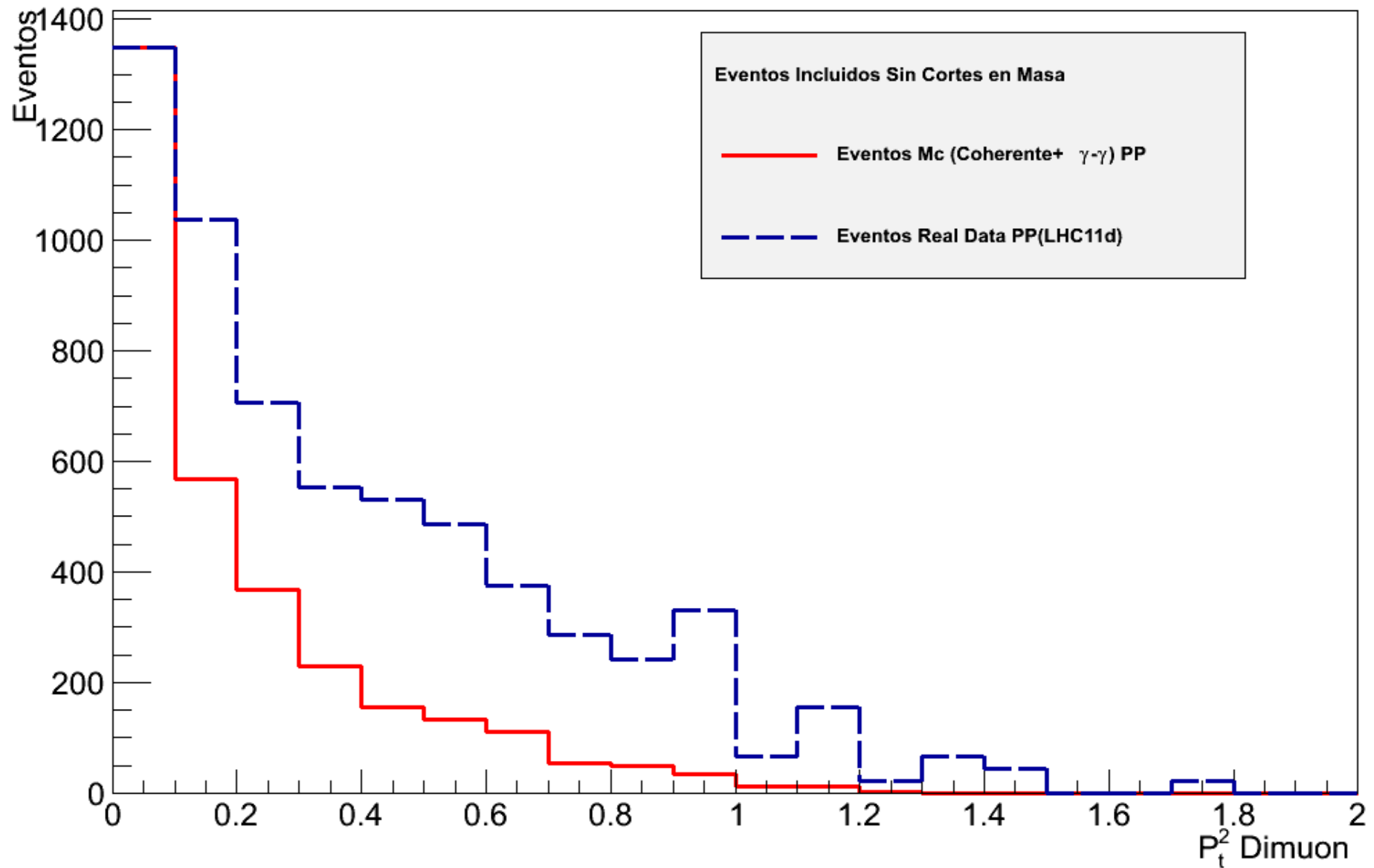


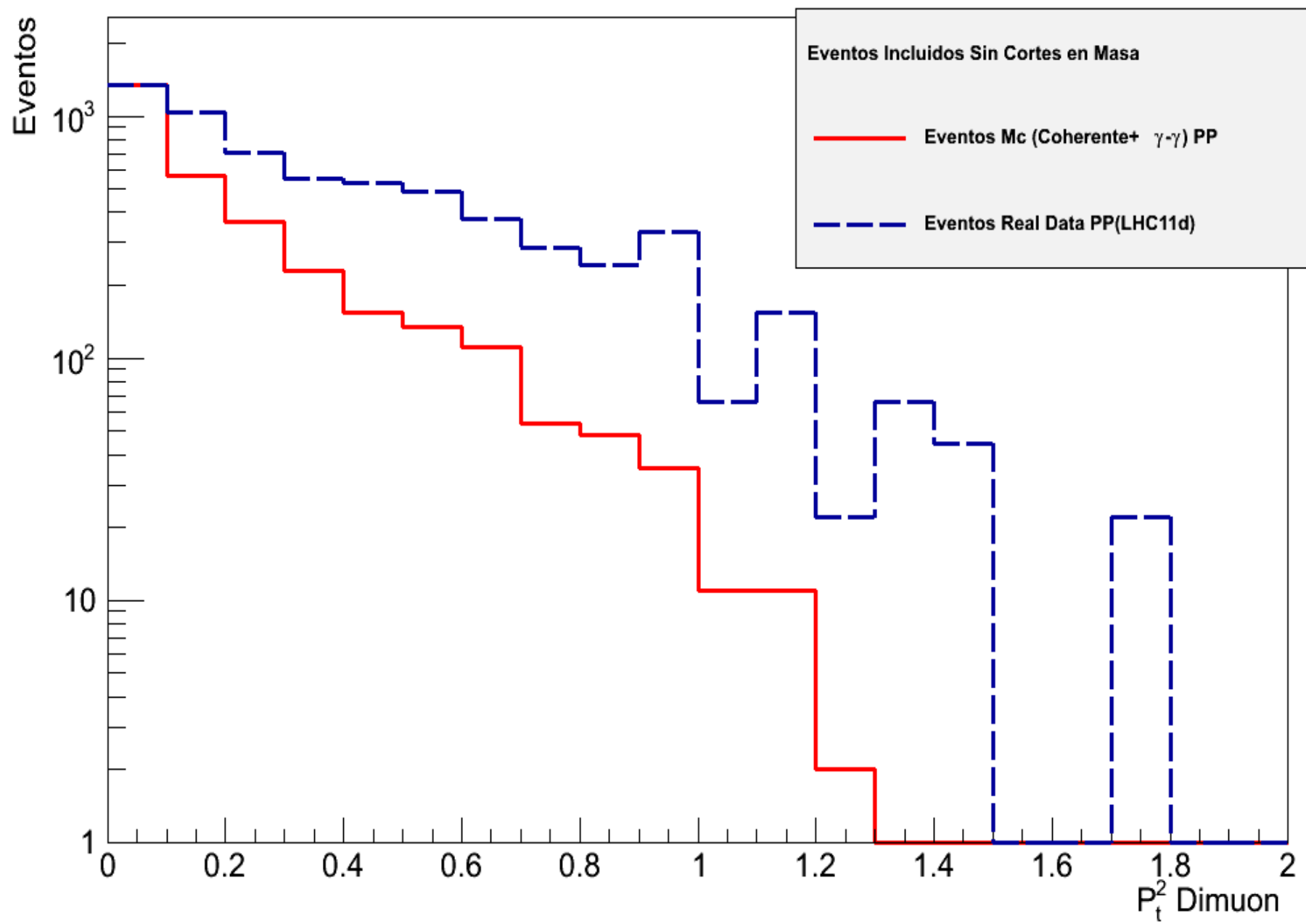
Contrib. Datos, Mc Sin Cortes Masa



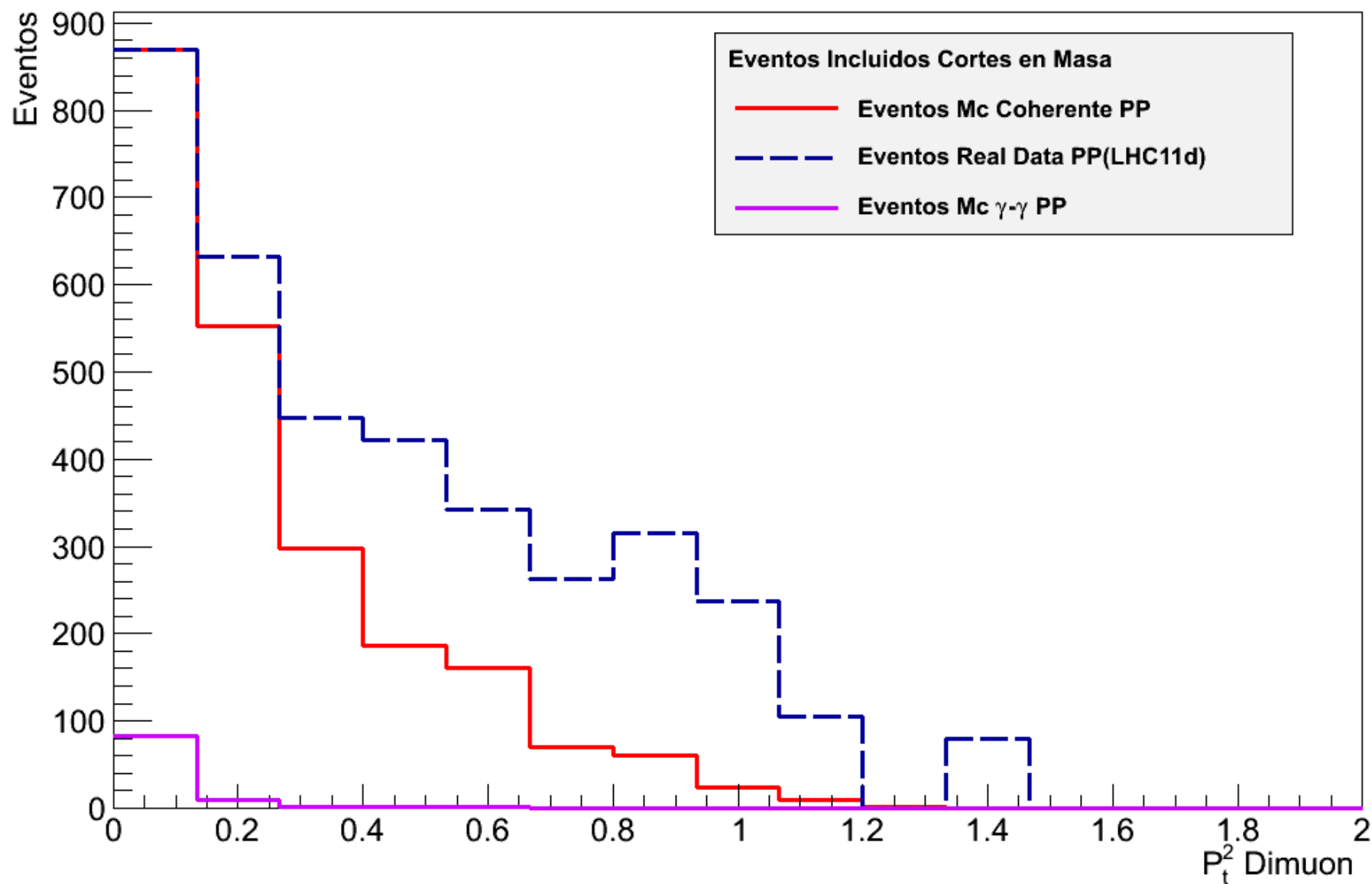


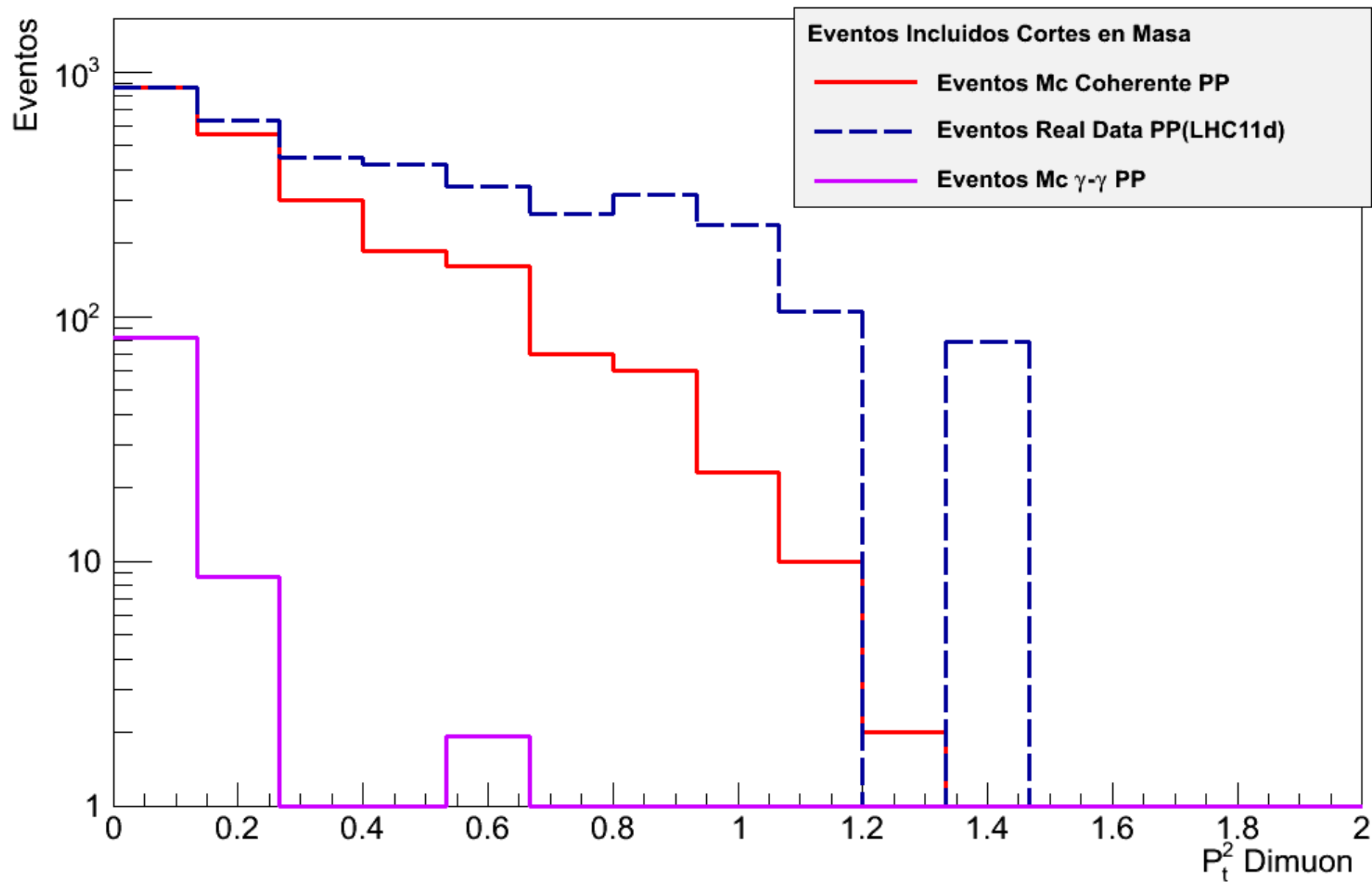
Sumando Contrib Gamma-Gamma



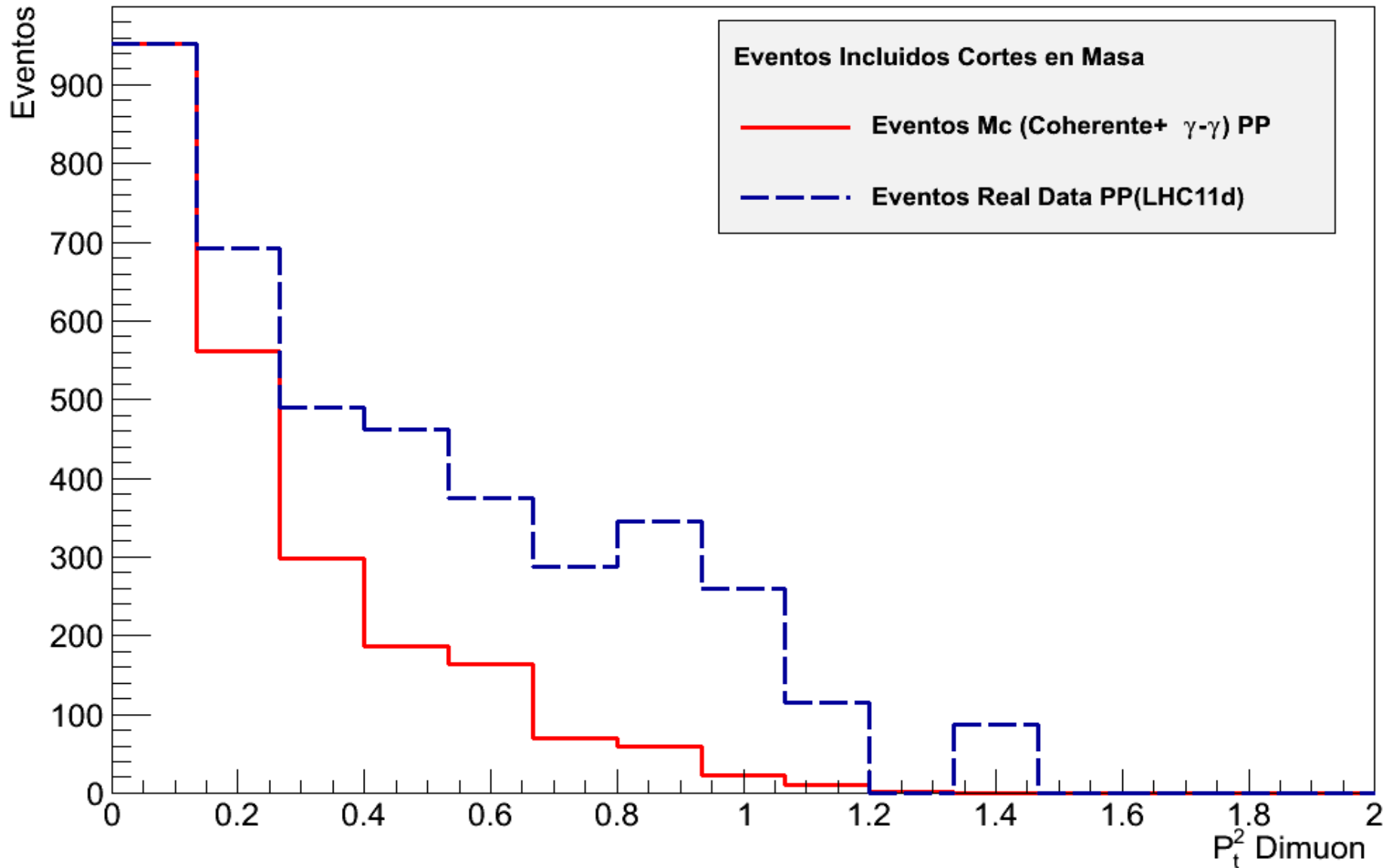


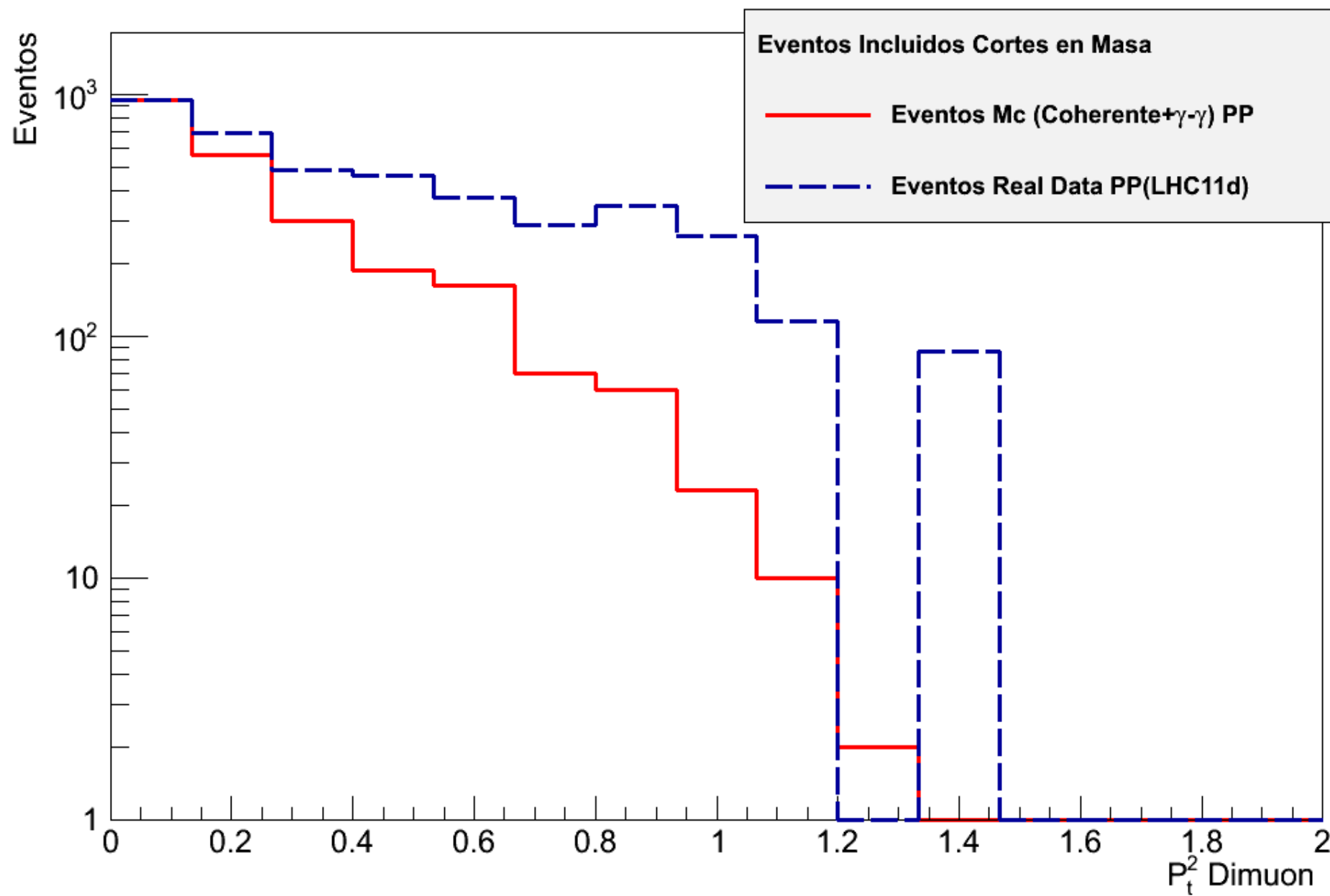
Contrib. Corte en Masa



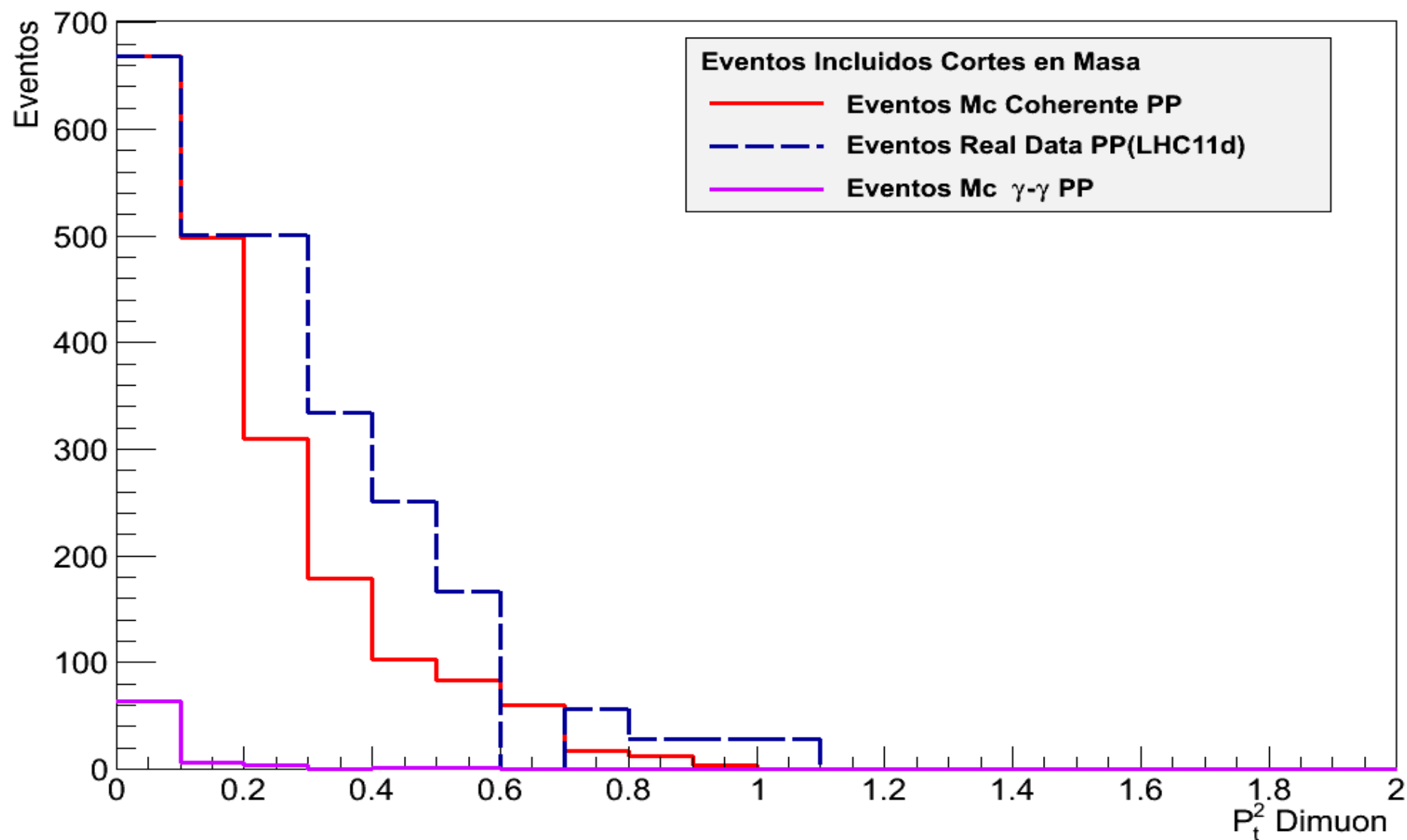


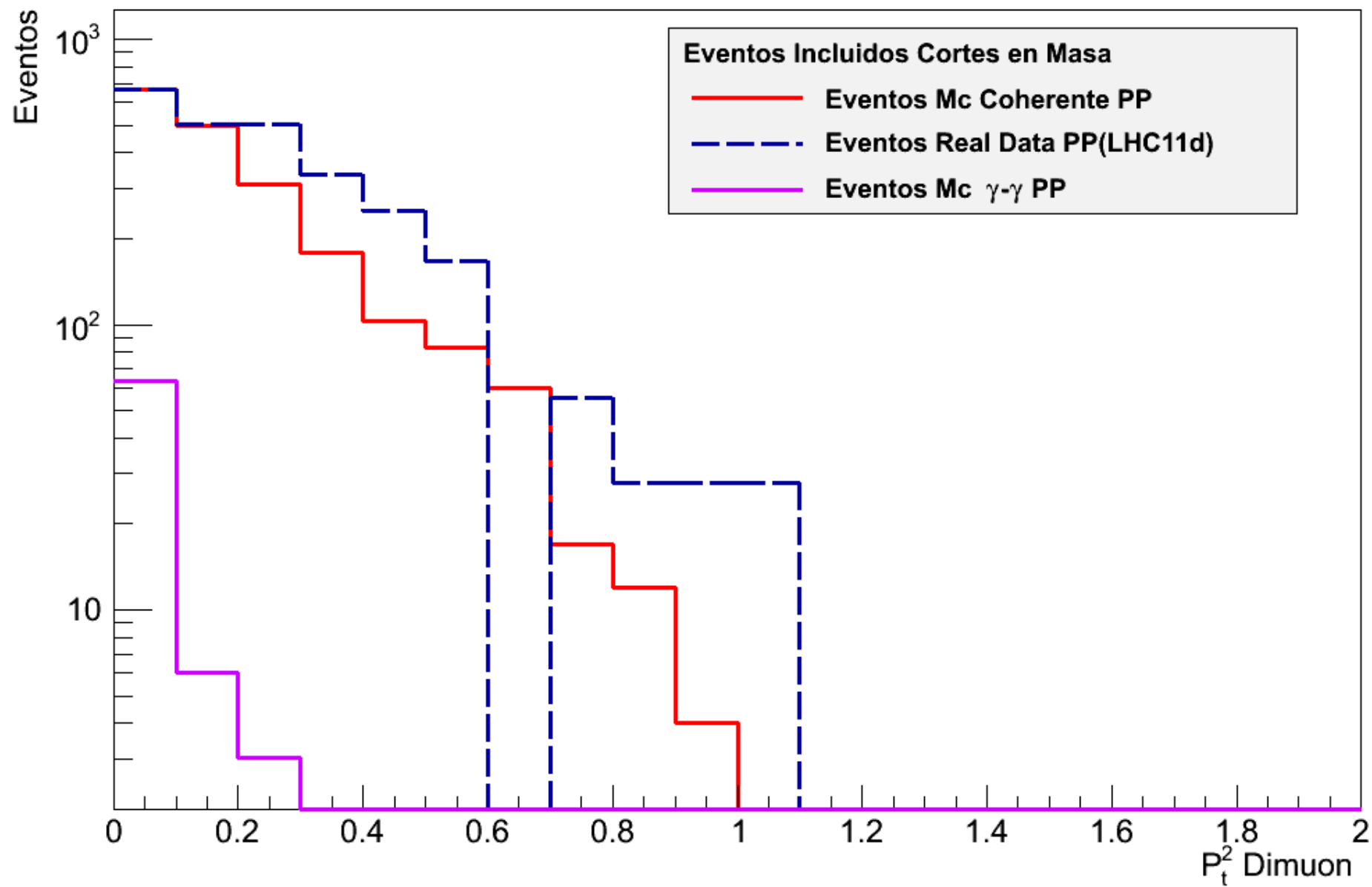
Sumando Contrib. Gamma-Gamma



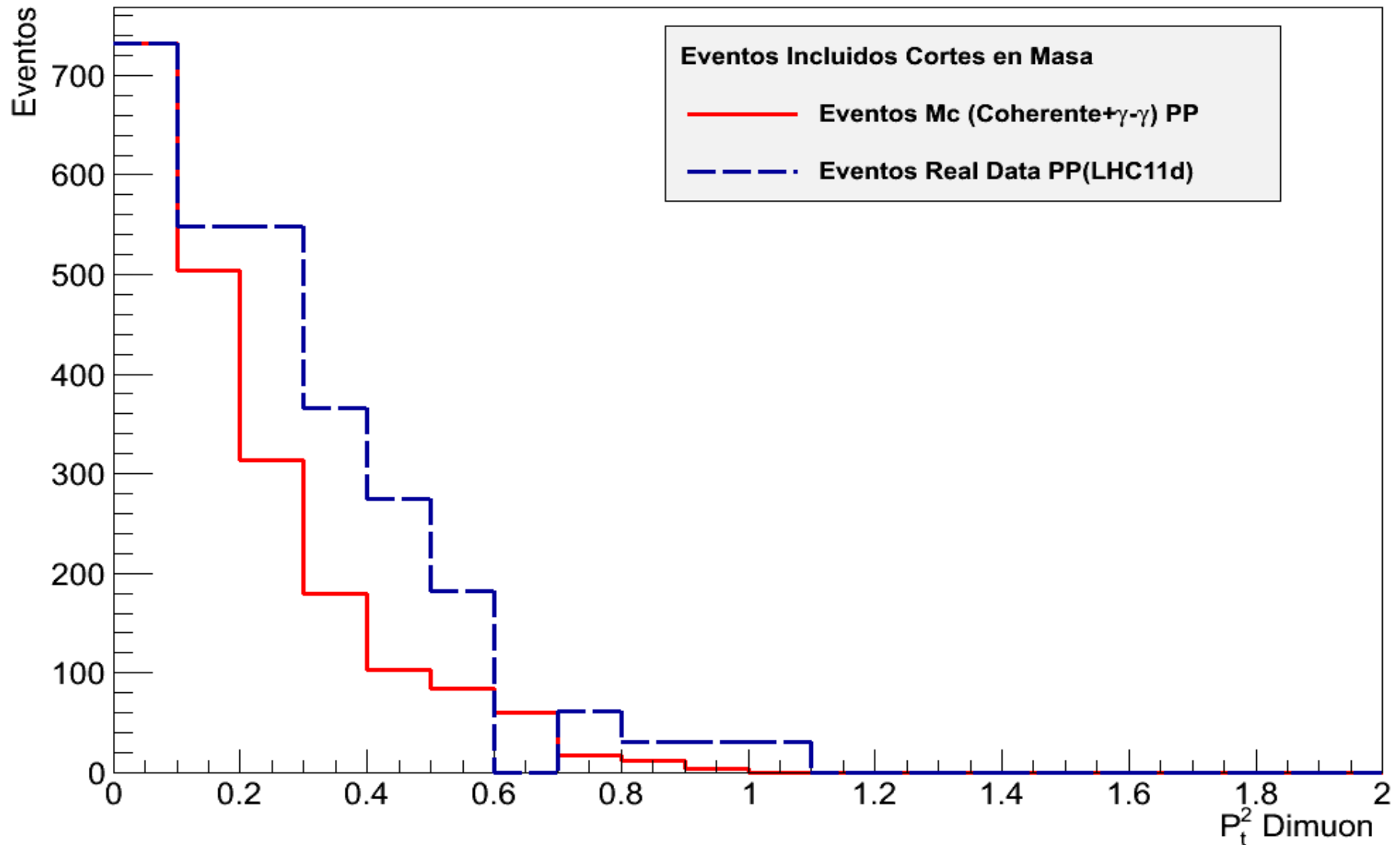


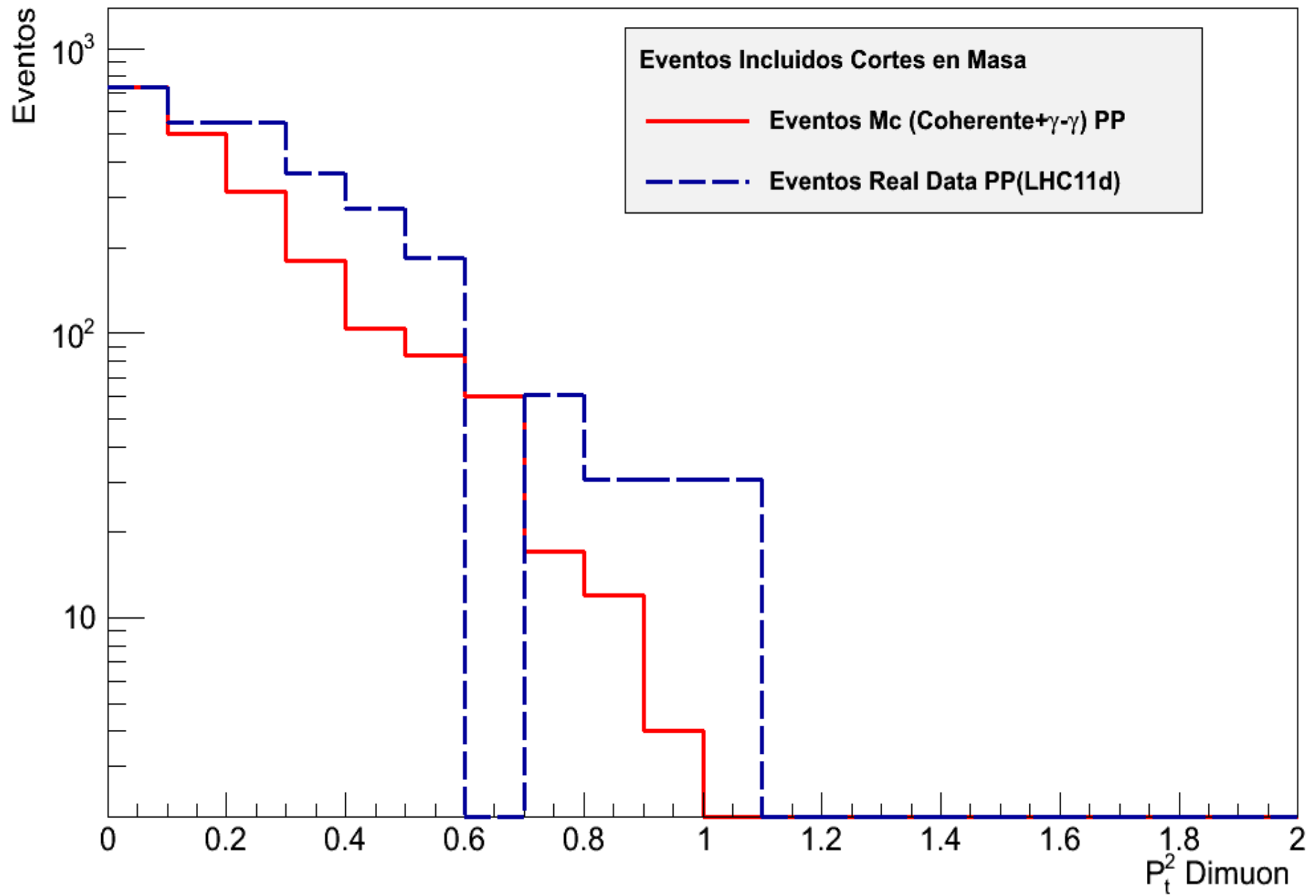
Cambiando a Corte Riguroso



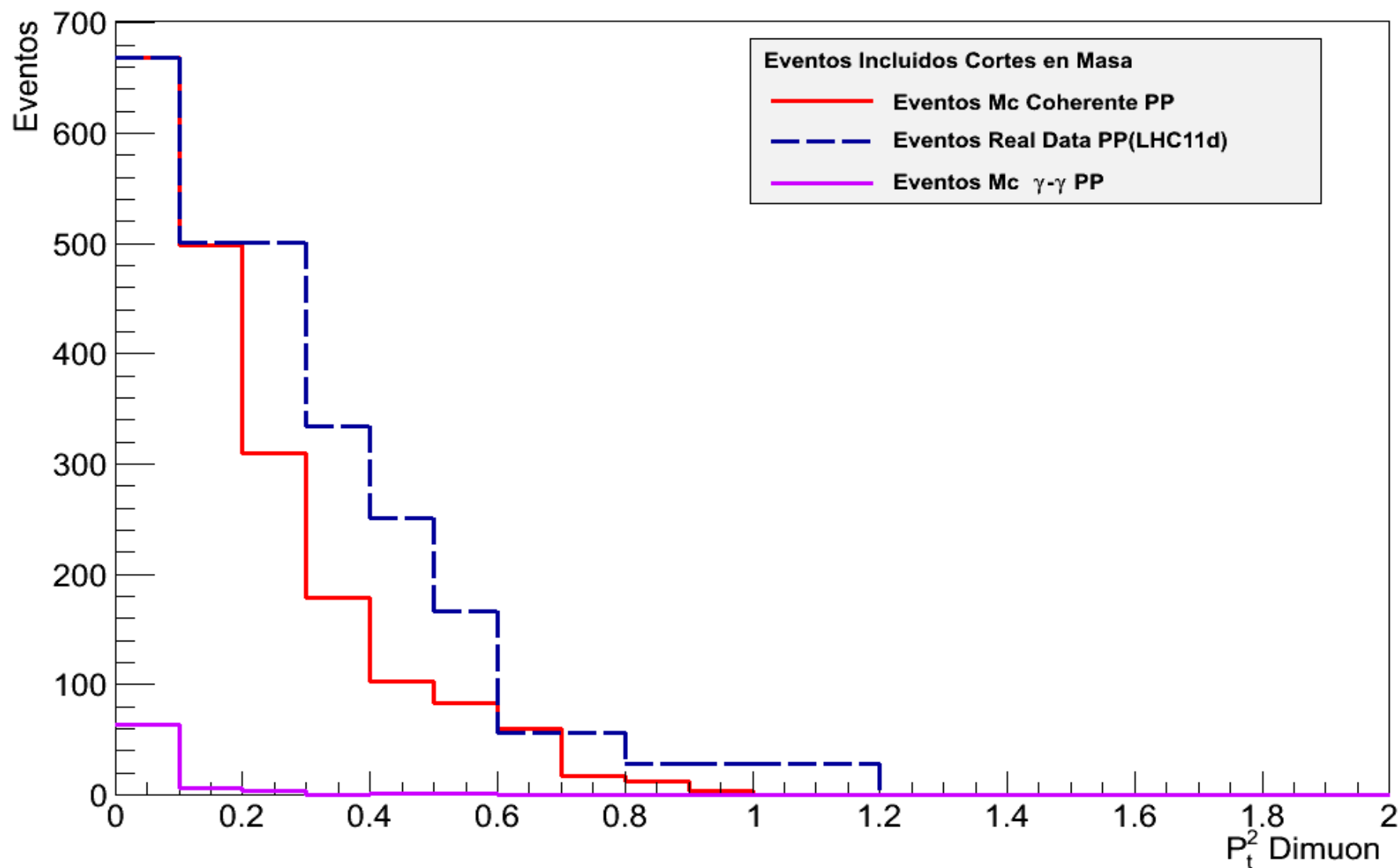


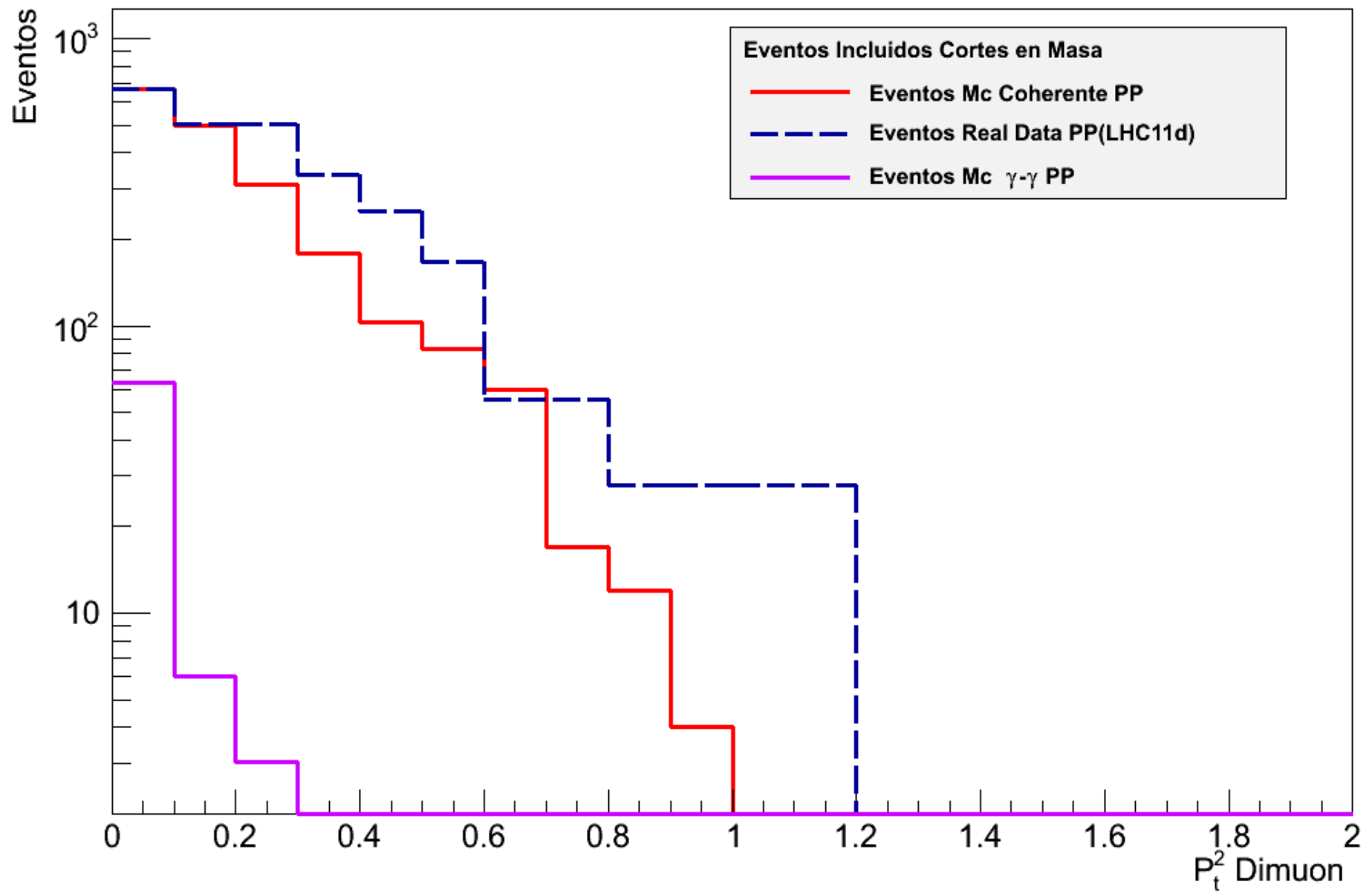
Sumando Contrib. Gamma-Gamma



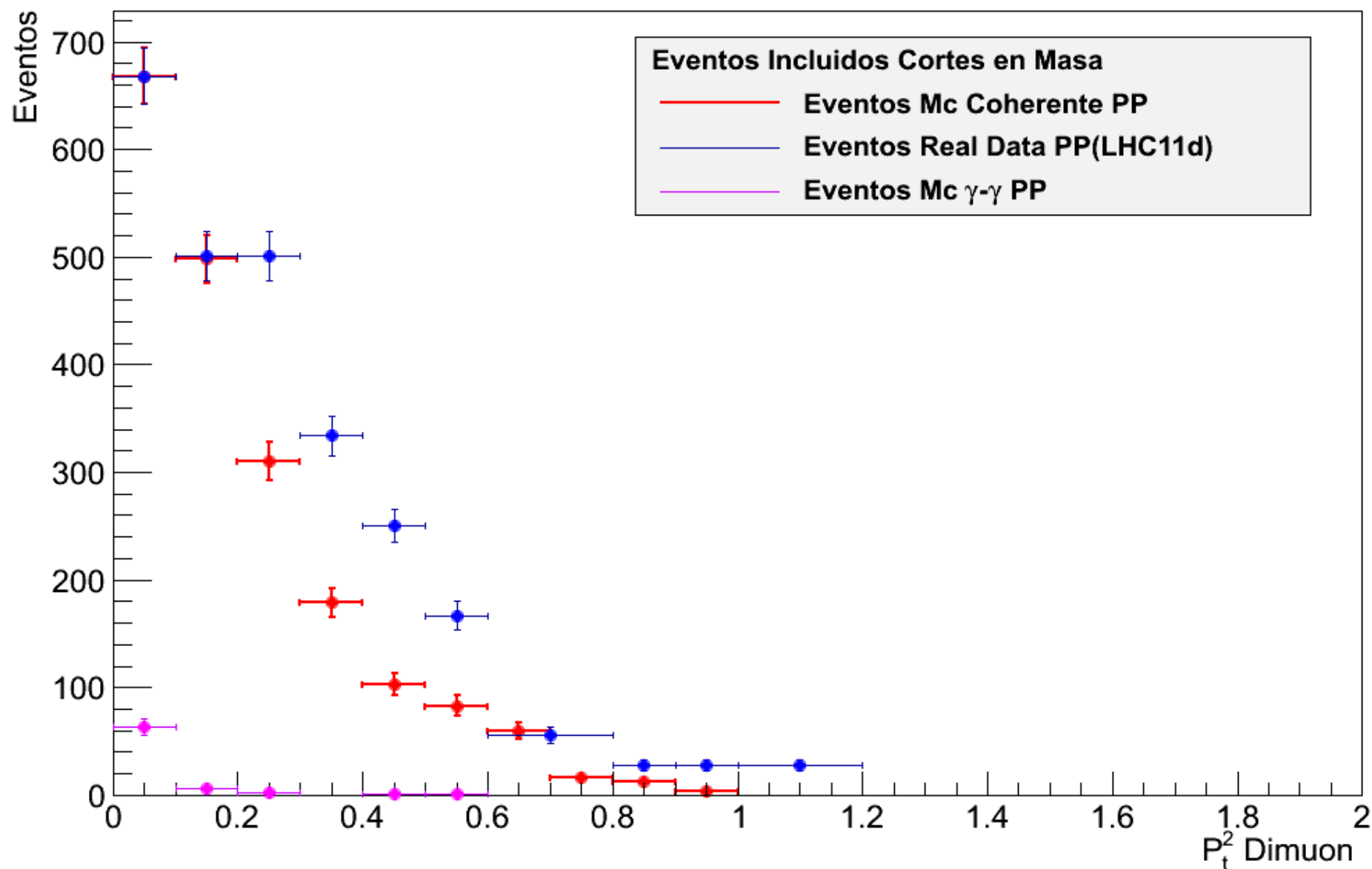


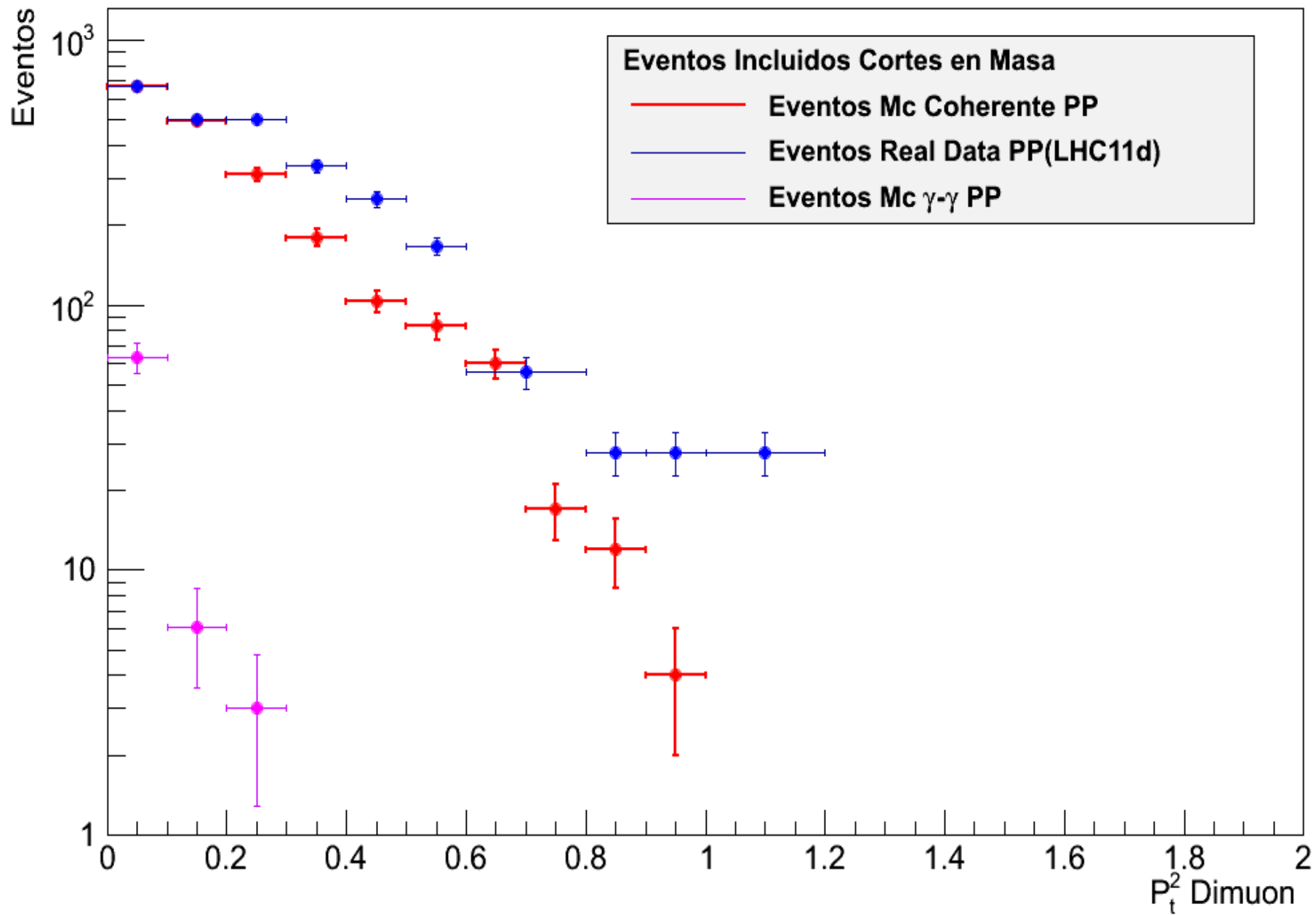
Variable Size Binning



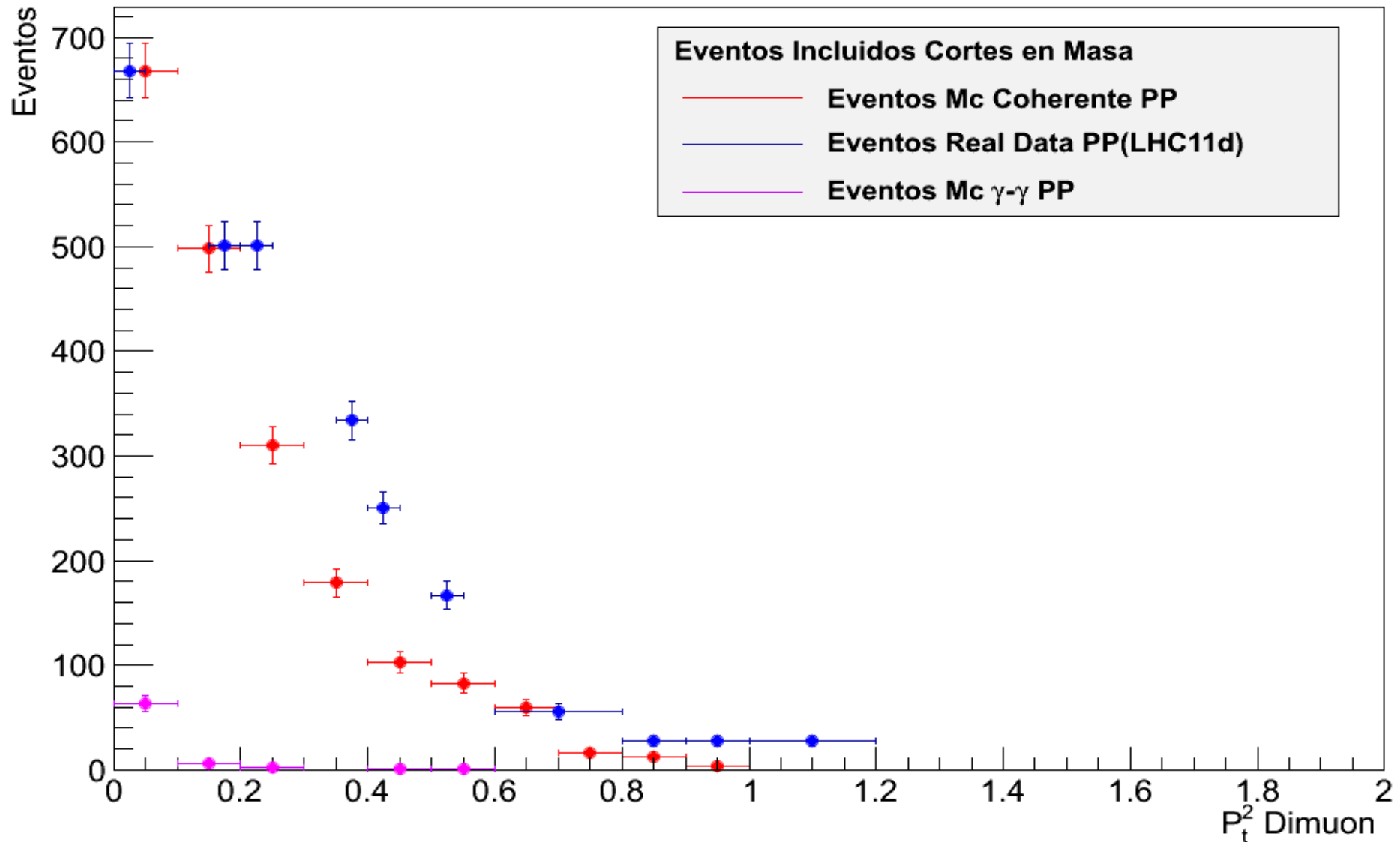


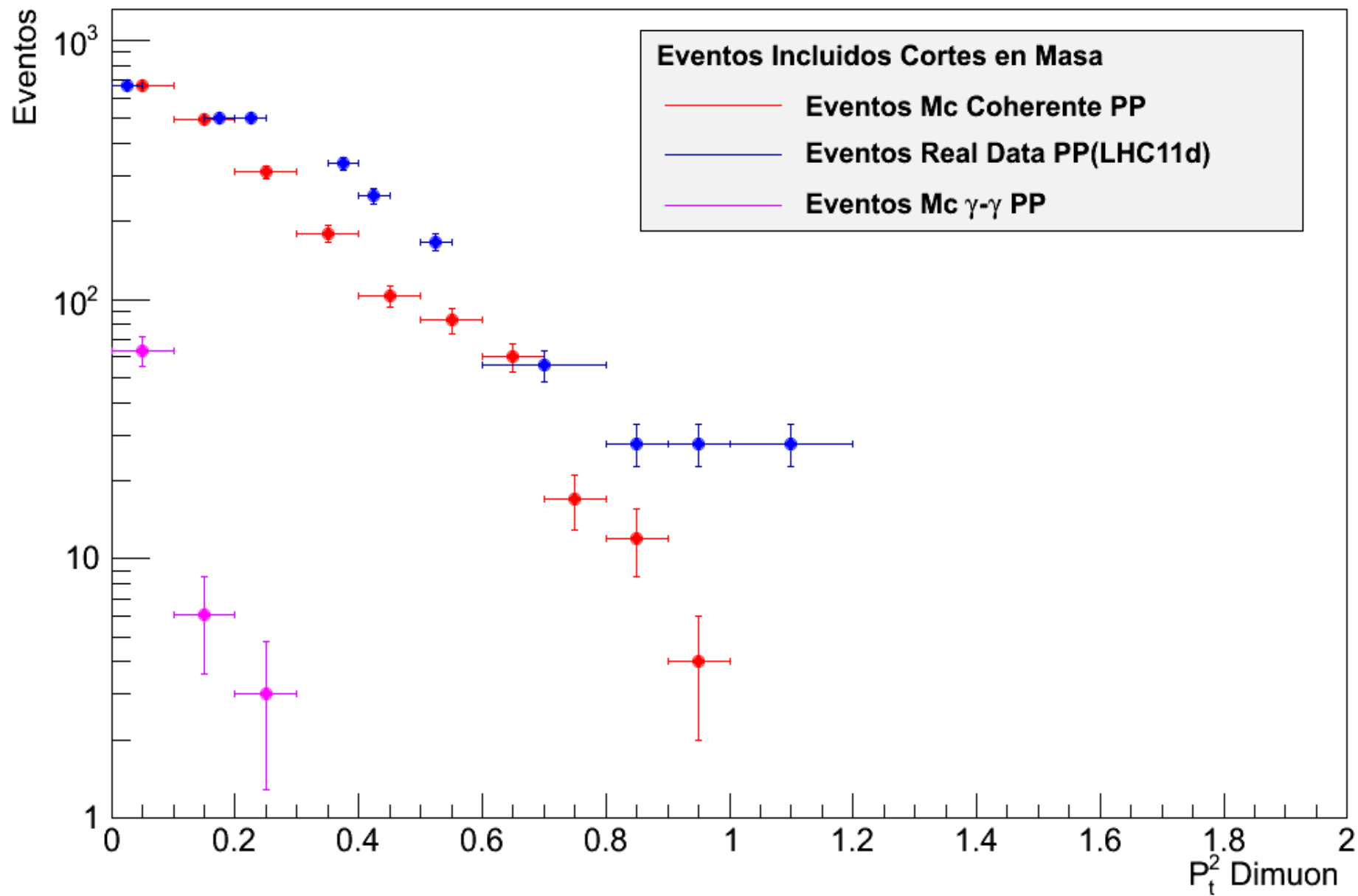
Variable Size Binning Con Puntos





Otra Versión para Variable Size Bin





Resumen

- Los plots de DeltaPt y Pt cuadrado son consistentes respecto al porcentaje y sensibilidad a los cortes.
- Introduciendo el corte riguroso, mejora el pt cuadrado de Datos con Mc, pero se produce un intervalo vacio.
- Mediante Variable Size Binning se corrigió.