CALORÍMETROS ELECTROMAGNÉTICOS DE A GRANULARIDAD

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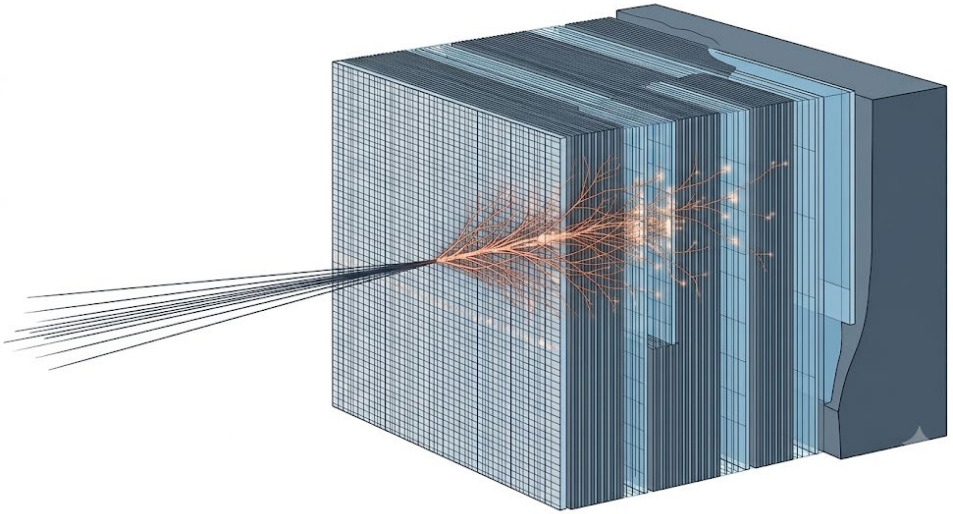
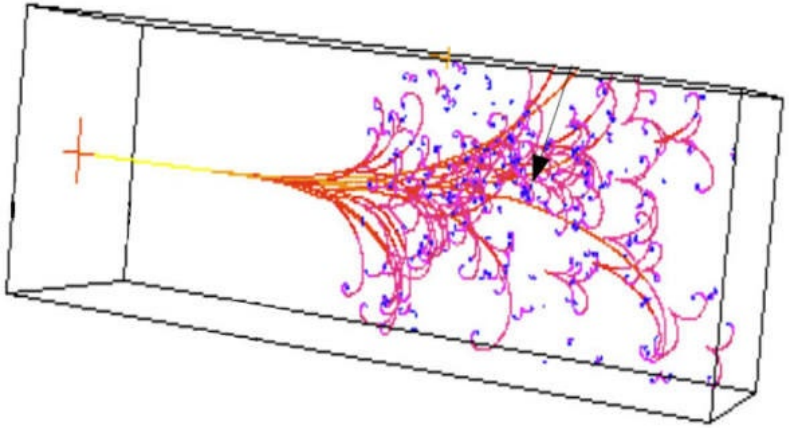
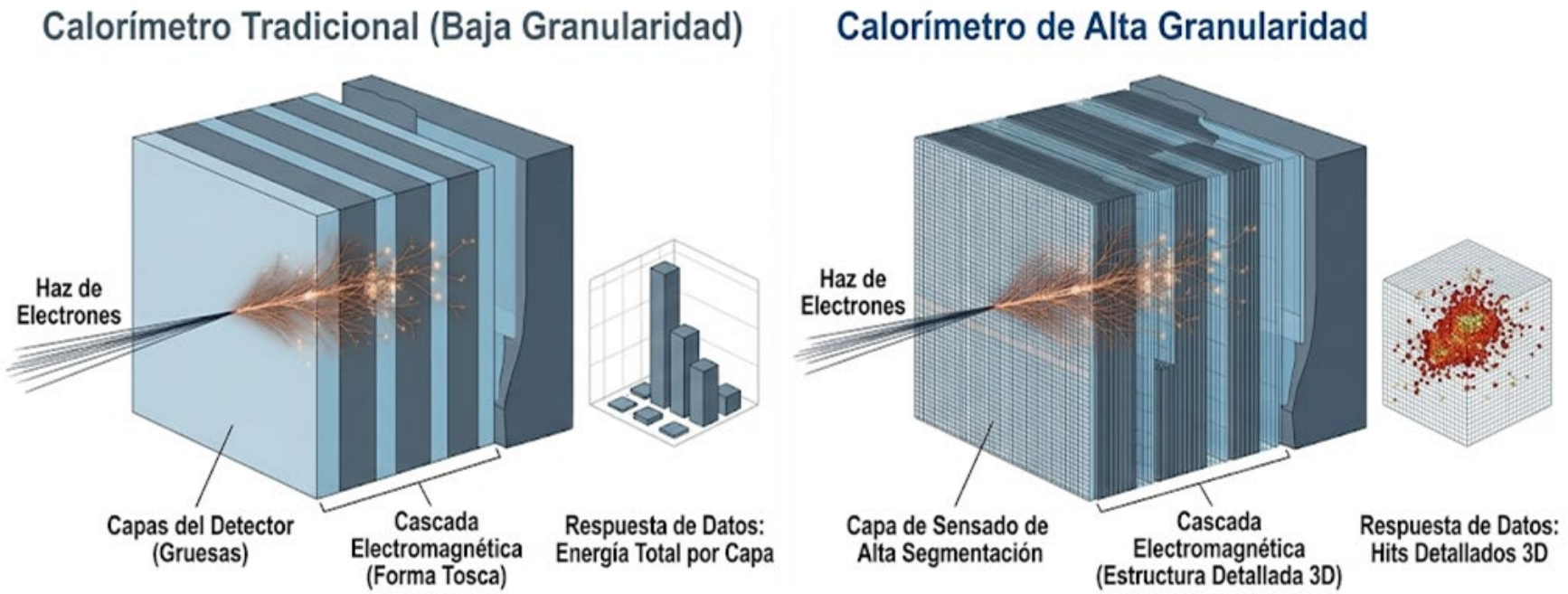
CALORÍMETROS ELECTROMAGNÉTICOS

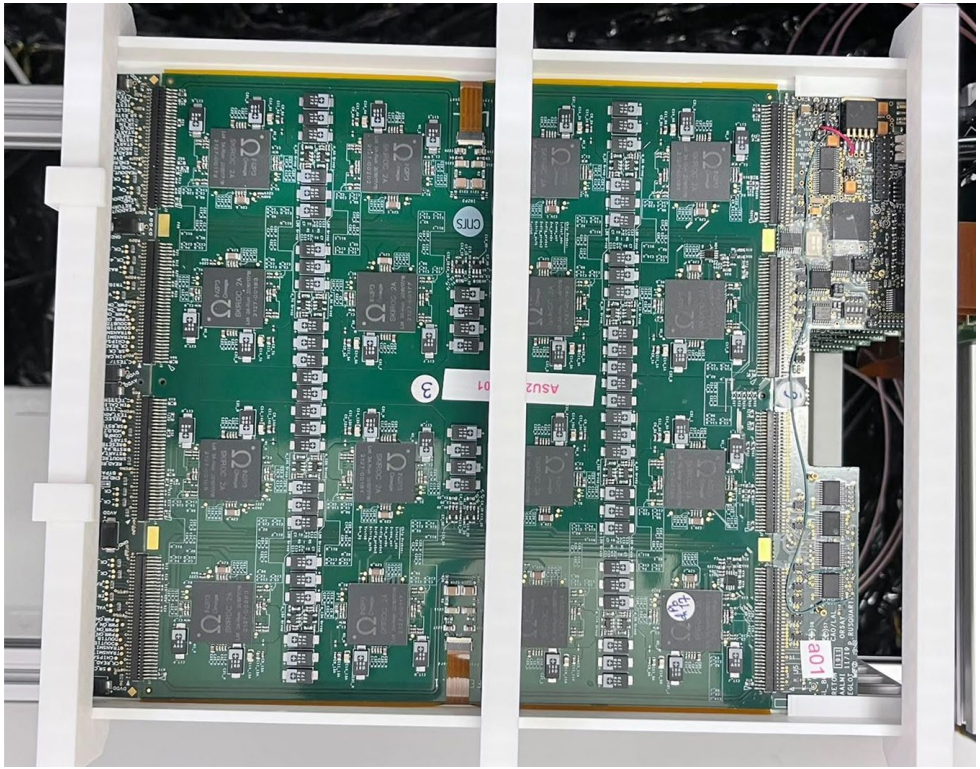




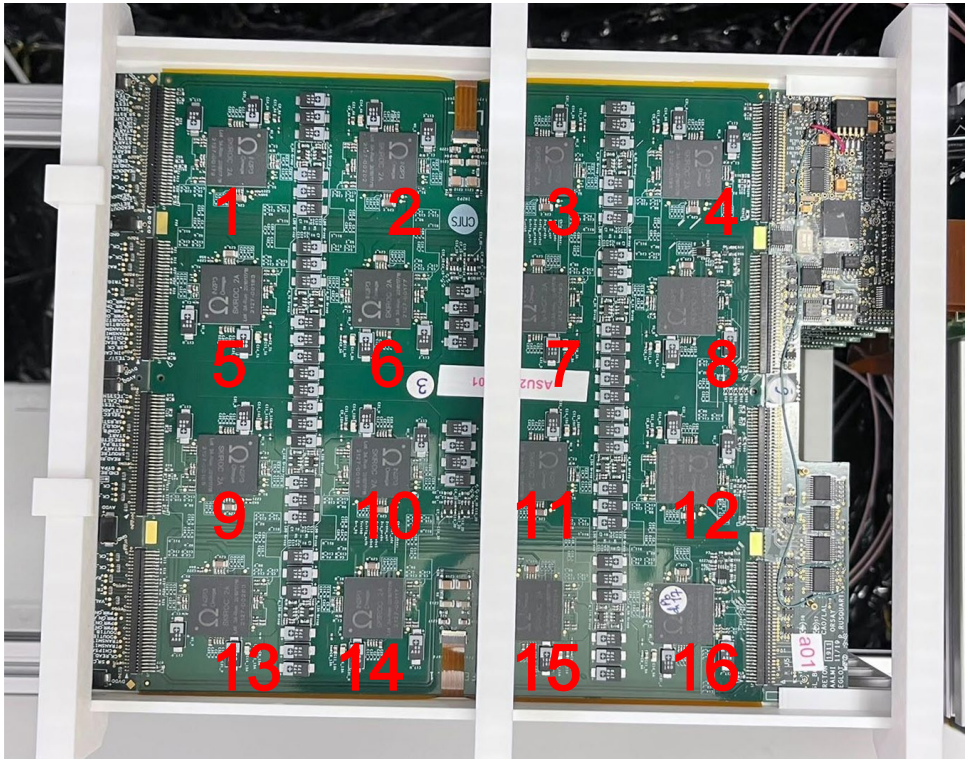
CALORÍMETROS DE ALTA GRANULARIDAD



COMPOSICIÓN DEL CALORÍMETROS

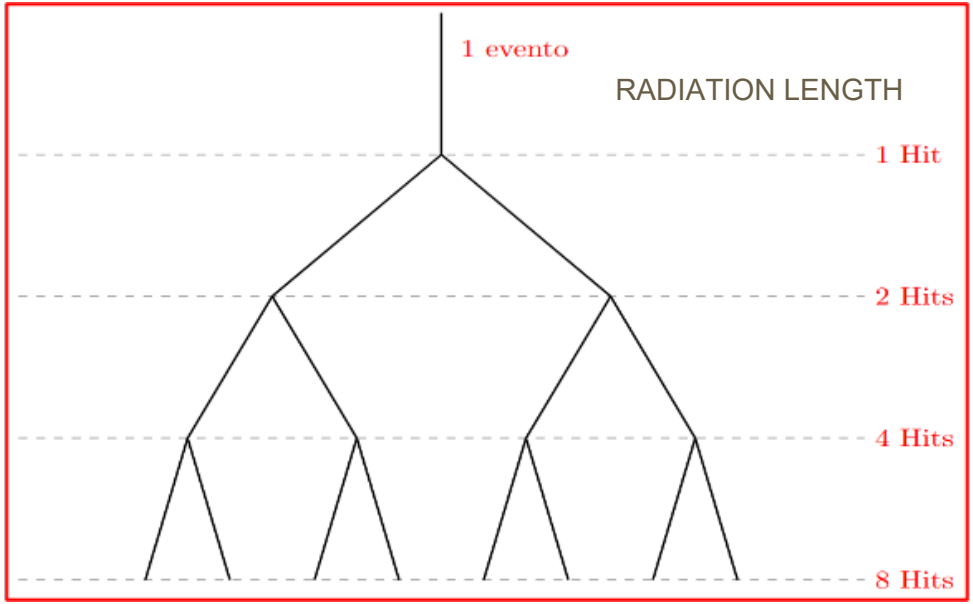


ASIC APPLICATION SPECIFIC INTEGRATED CIRC



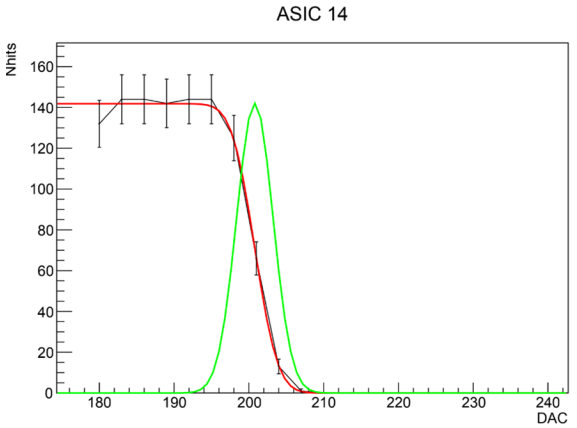
ANÁLISIS DE DATOS CON ROOT

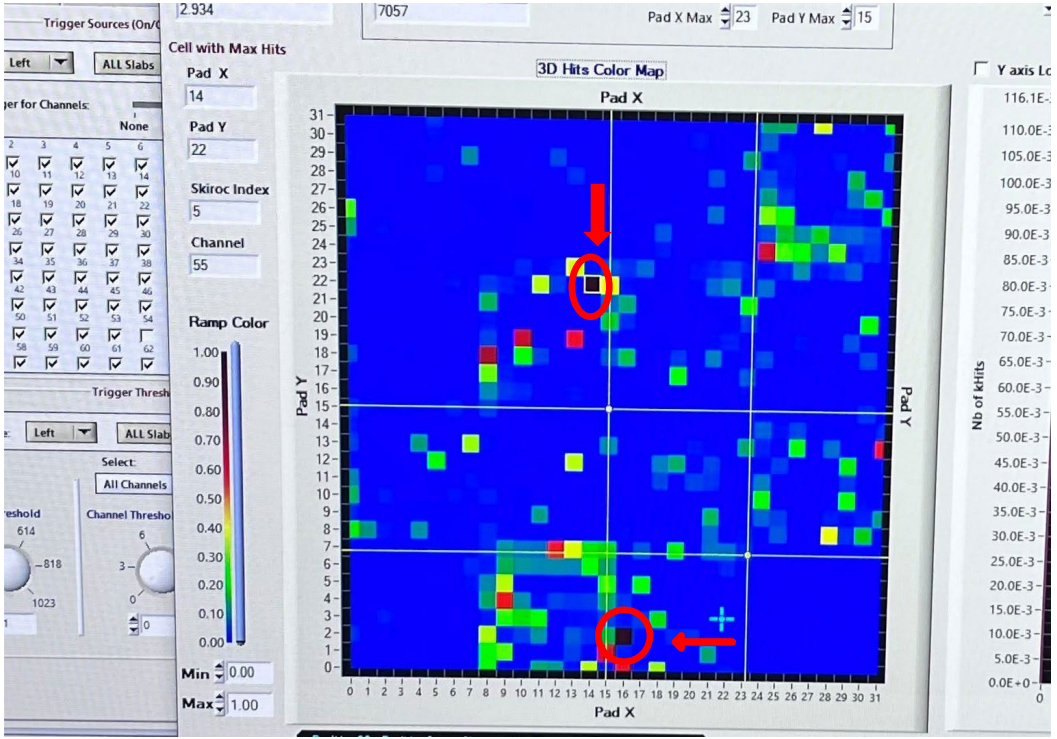
1. CALIBRACIÓN
    a. Umbrales
    b. Mip y Ped
2. ANÁLISIS DE DATOS DE UN BEAM REAL
3. CLASIFICACIÓN PARTÍCULAS



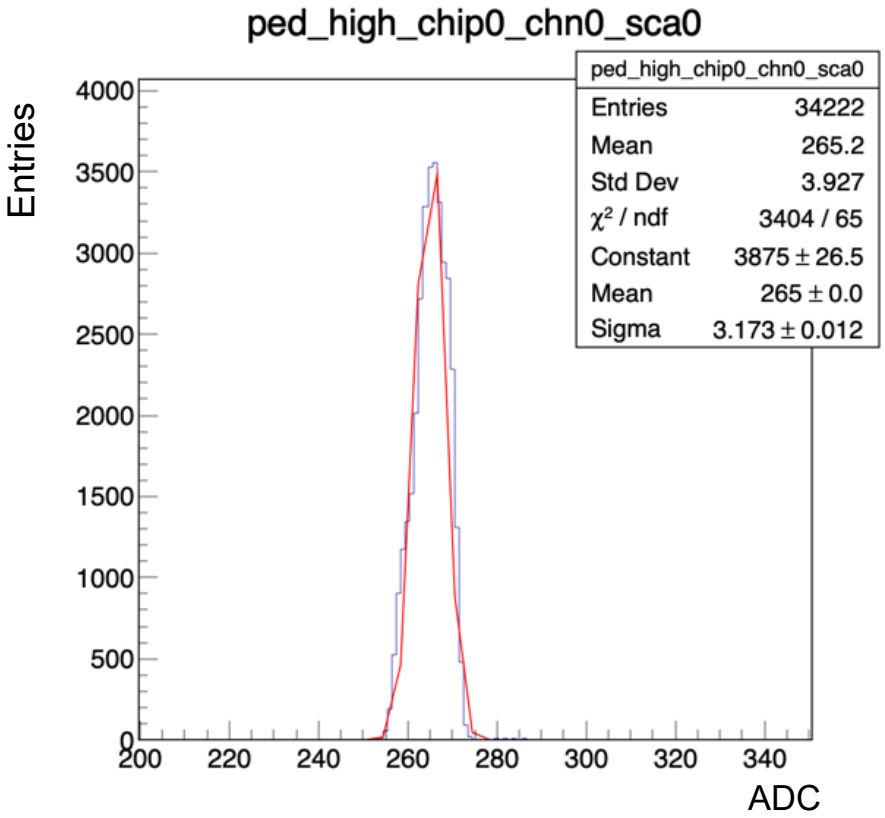
Evento = Primer electrón
Hit = Interacción con un píxel del calorímetro

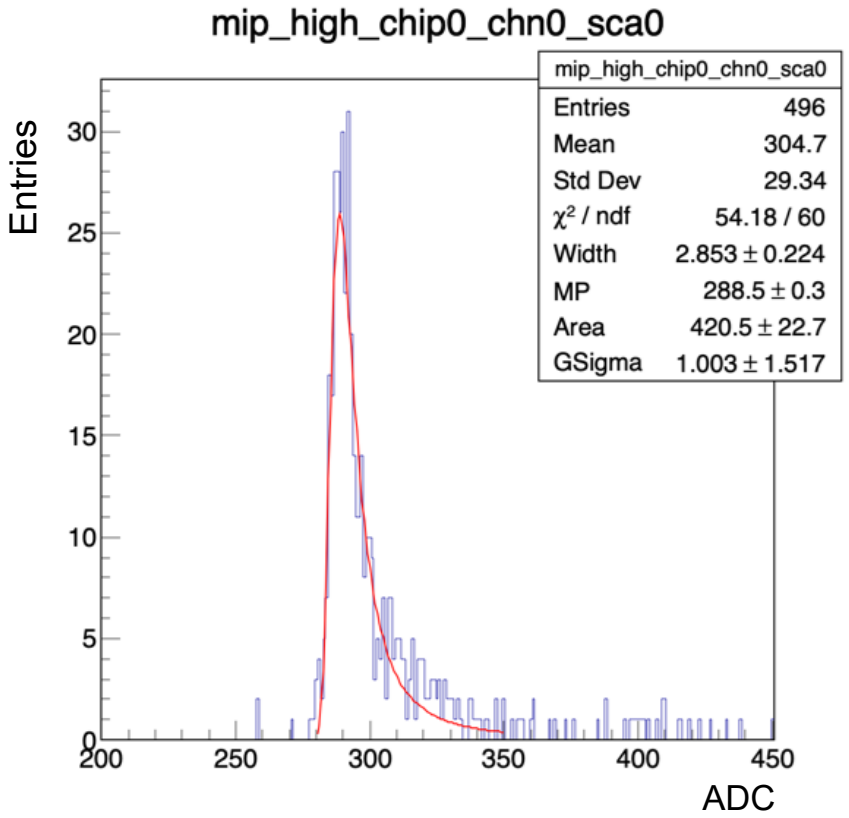
CALIBRACIÓN THRESHOLD PARA CADA ASIC



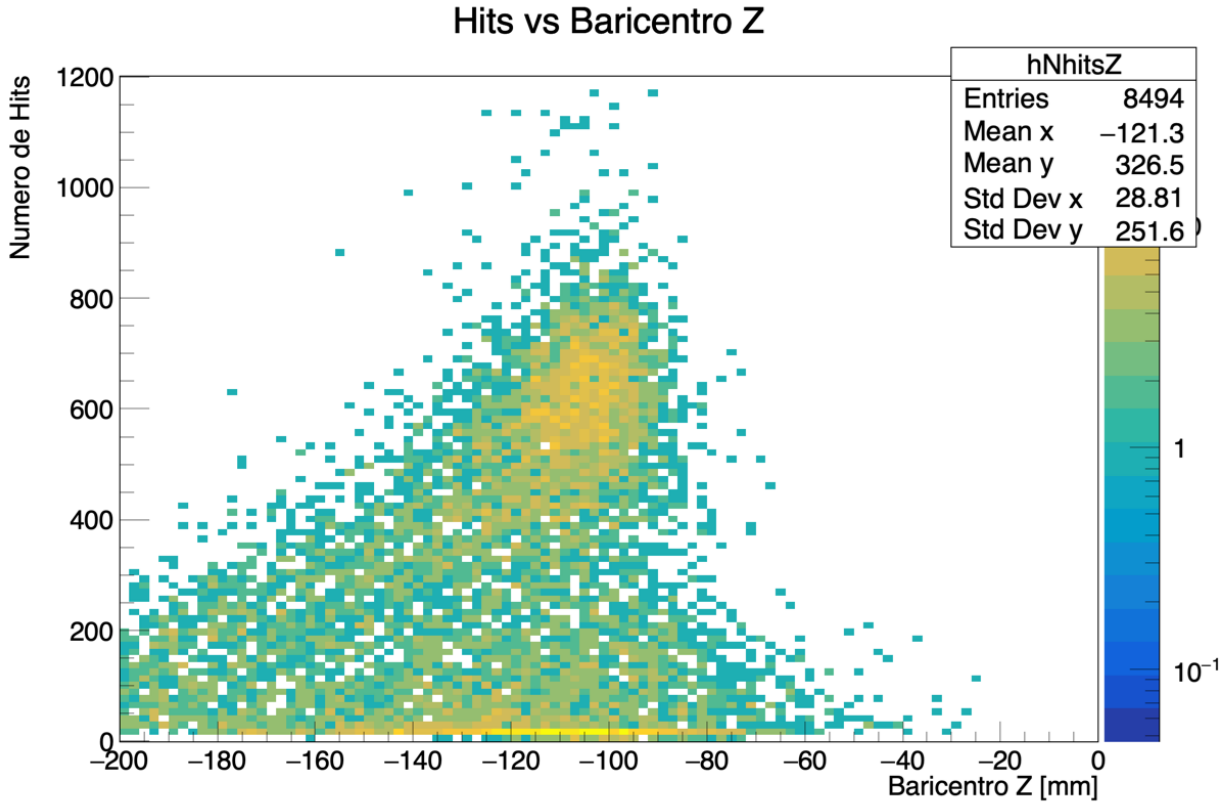


CALIBRACIÓN ELECTRÓNICA





ANÁLISIS DE DATOS DE UN TEST BEAM



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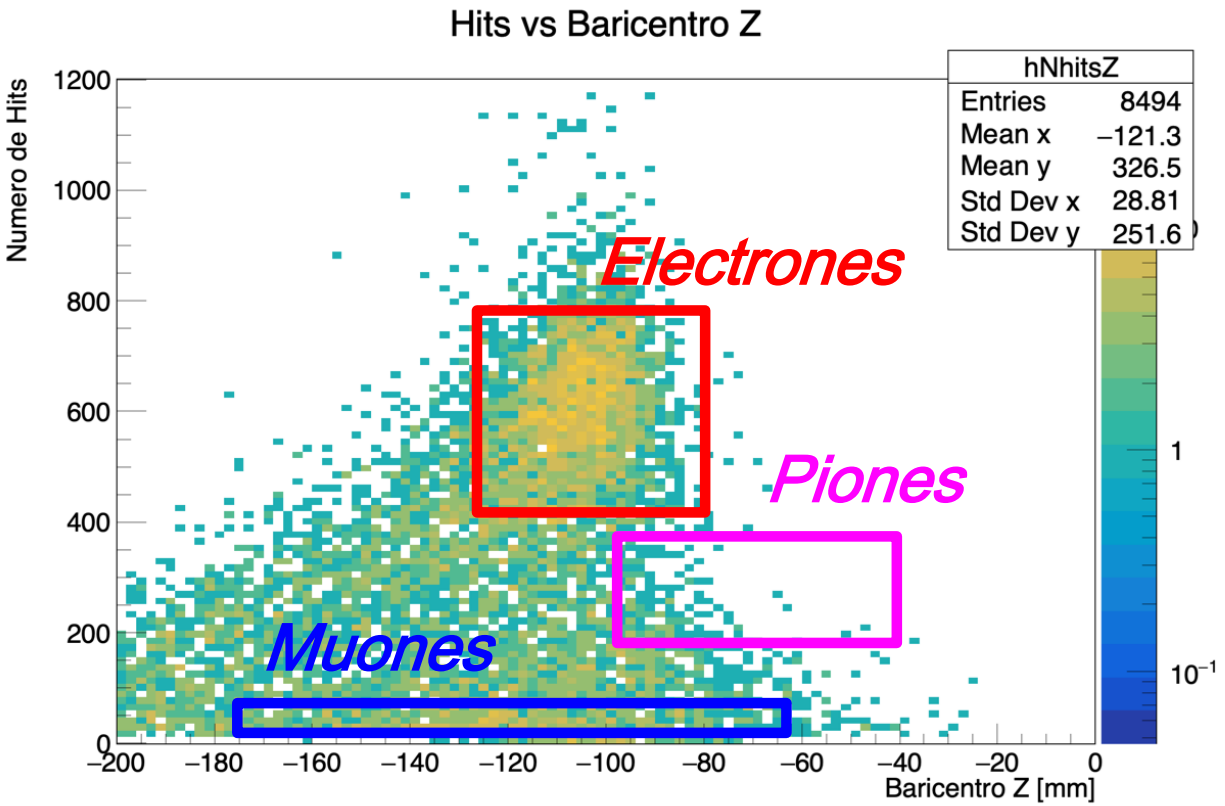
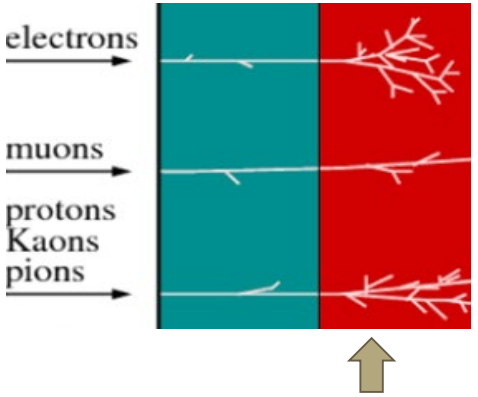
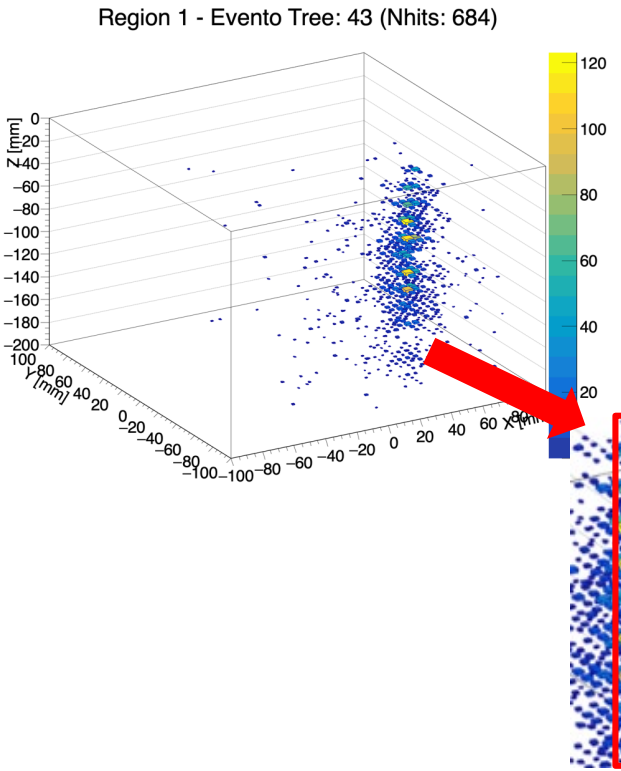
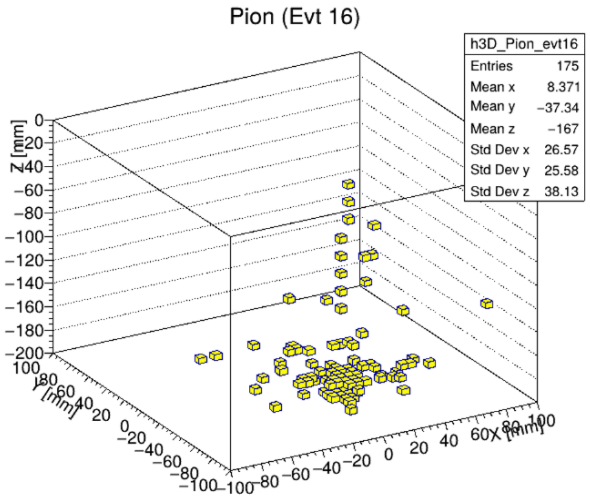


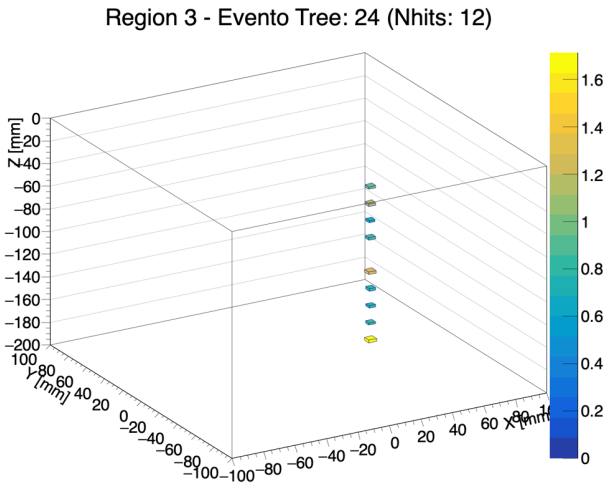


CALORÍMETRO ELECTROMAGNÉTIC O

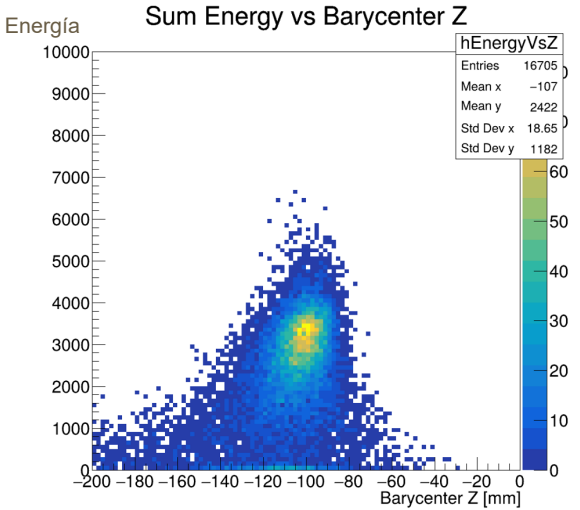
REPRESENTACIÓN 3D DE LAS CASCADAS

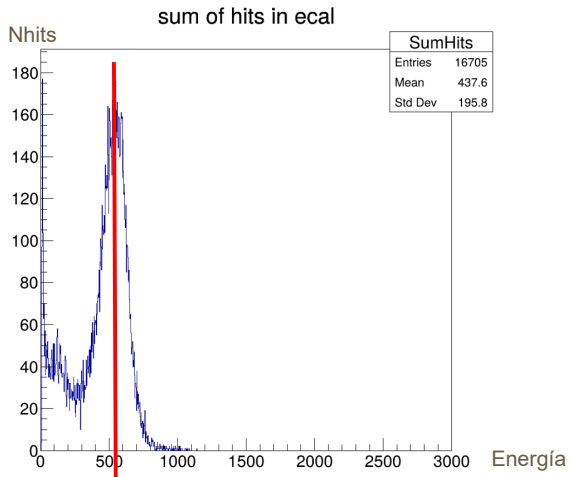




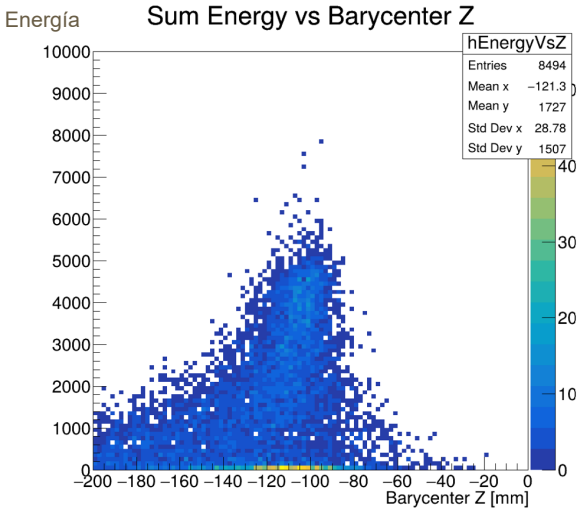


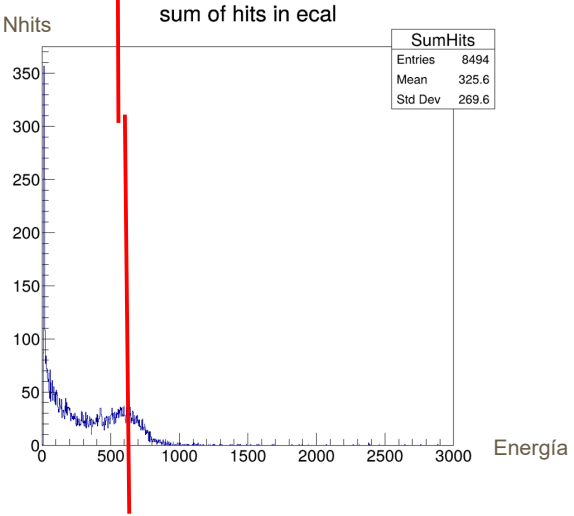
MENOS ENERGÉTICO

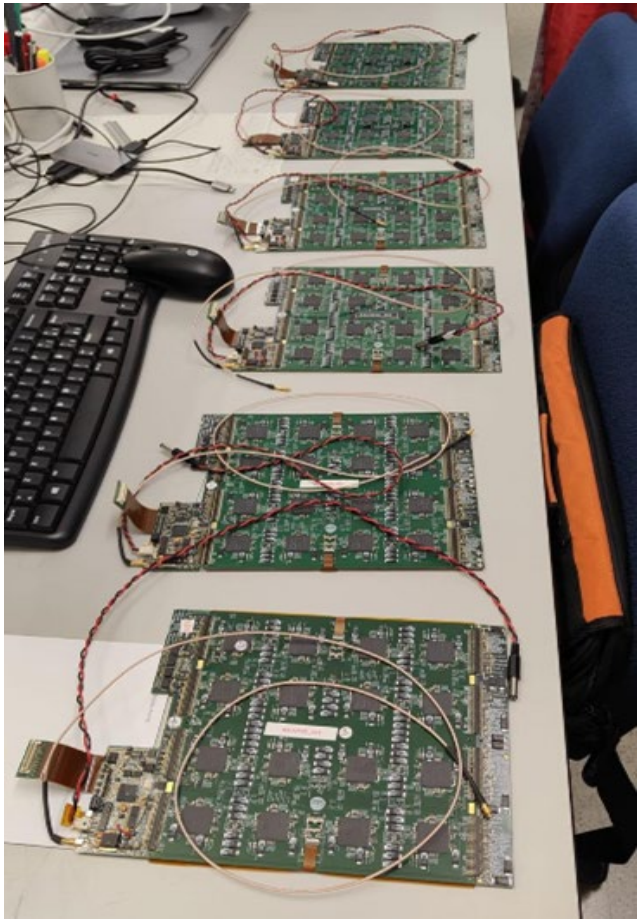




MÁS ENERGÉTICO







ROOT

Data Analysis Framework