

**TKR Electron hits:
Comparison after data
reprocess**

Nicola Mazziotta

May 9, 2007

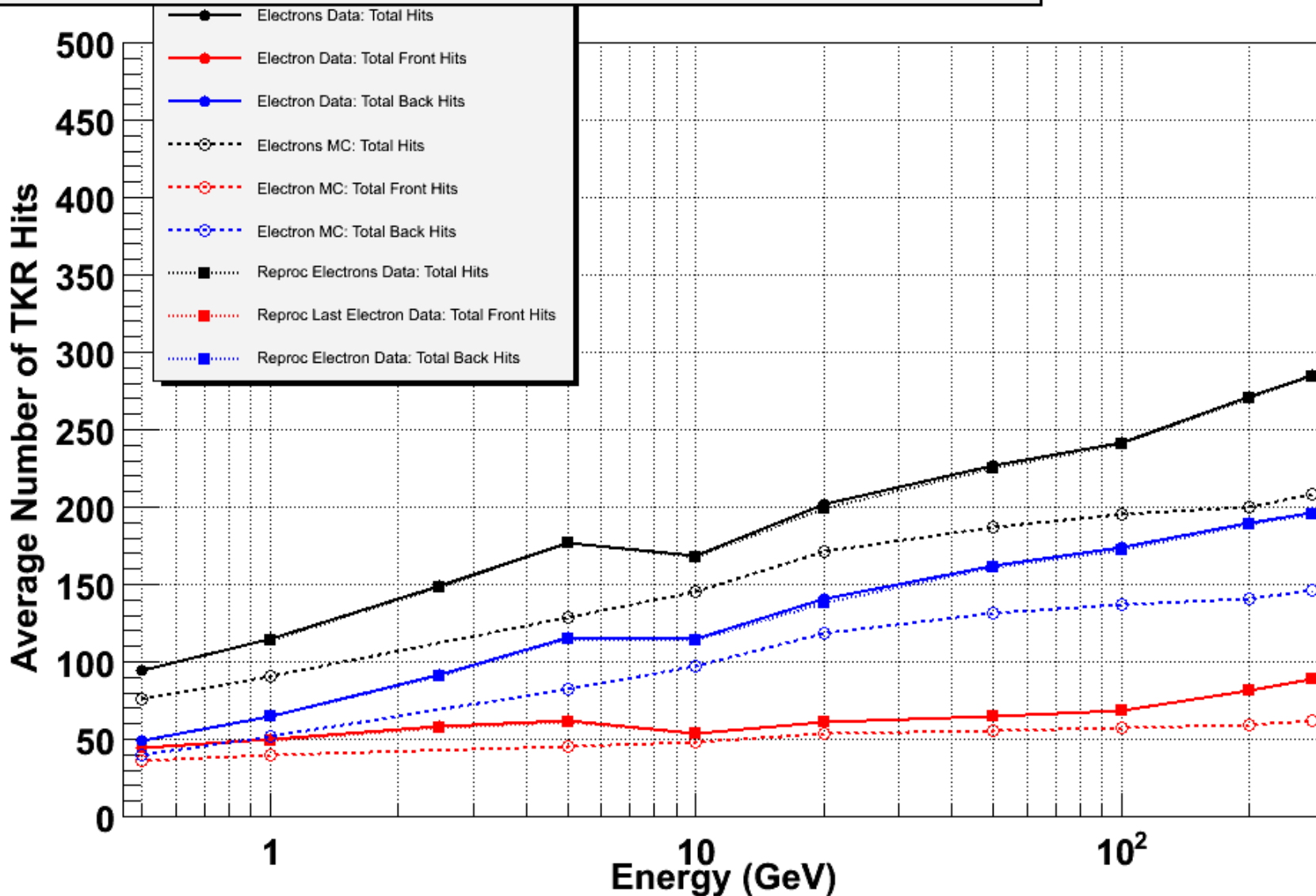
mazziotta@ba.infn.it

TKR Hits in electron runs

- **The TKR hits have been studied**
 - Whole TKR
 - Front TKR (plane > 12) thin planes
 - Back TKR (plane ≤ 12) thick and light planes
- **The BT and Merit root files have been used**
- **The CU has been used as standalone detector, i.e. no geometrical cuts have been imposed**
 - **Electron Cuts:**
 - At least one track
 - Last layer in the track == Layer 0 (Tkr1LastLayer == 0)
 - GTCC Fifo is not full (EventGtccFifo==0)
 - CalRawEnergy > 300 to reject pion like events
 - CalRawEnergy cut to reject double particles

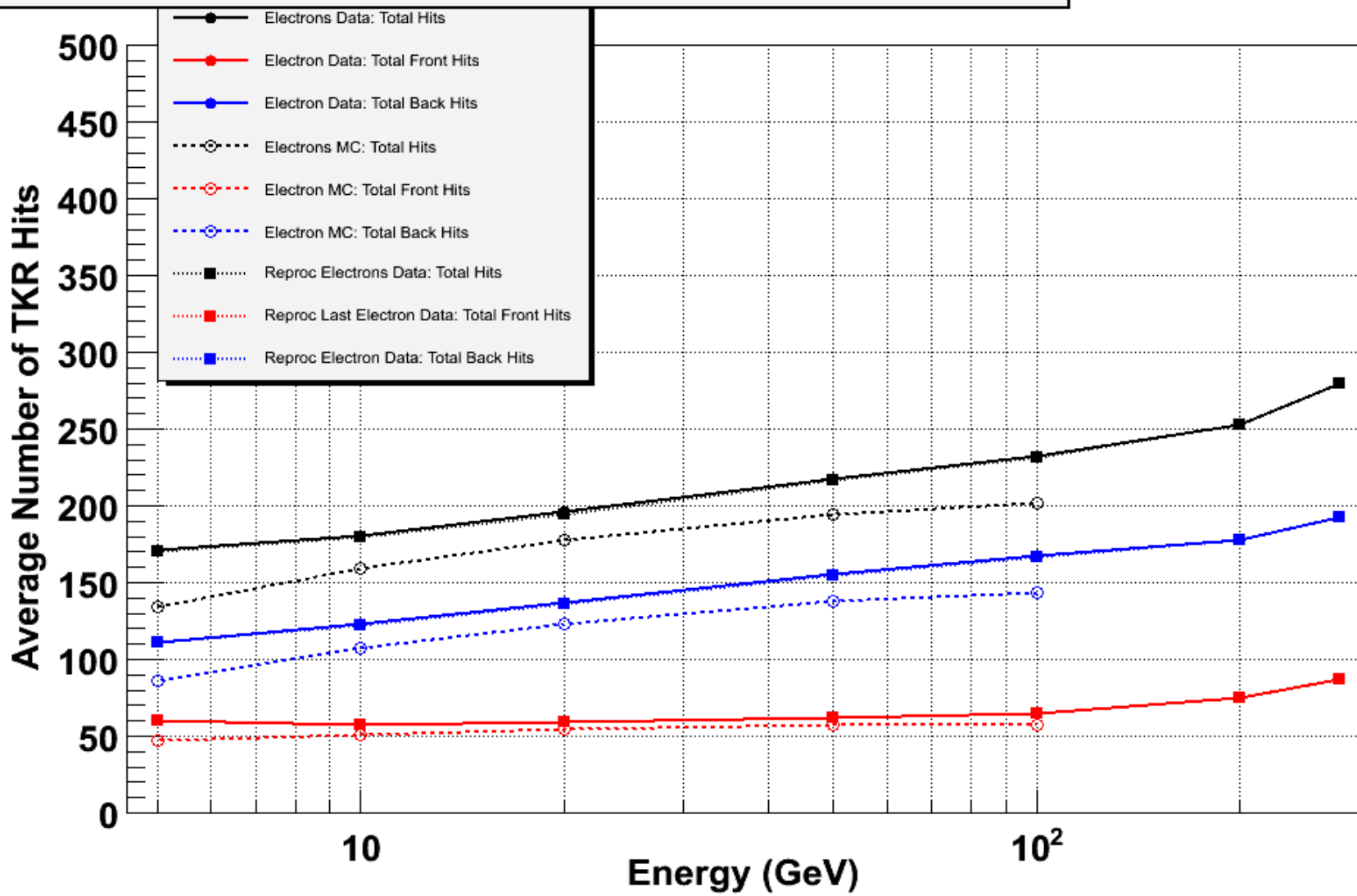
Summary at 0 deg

Average Number of TKR Hits Vs Energy, Angle = 0 deg



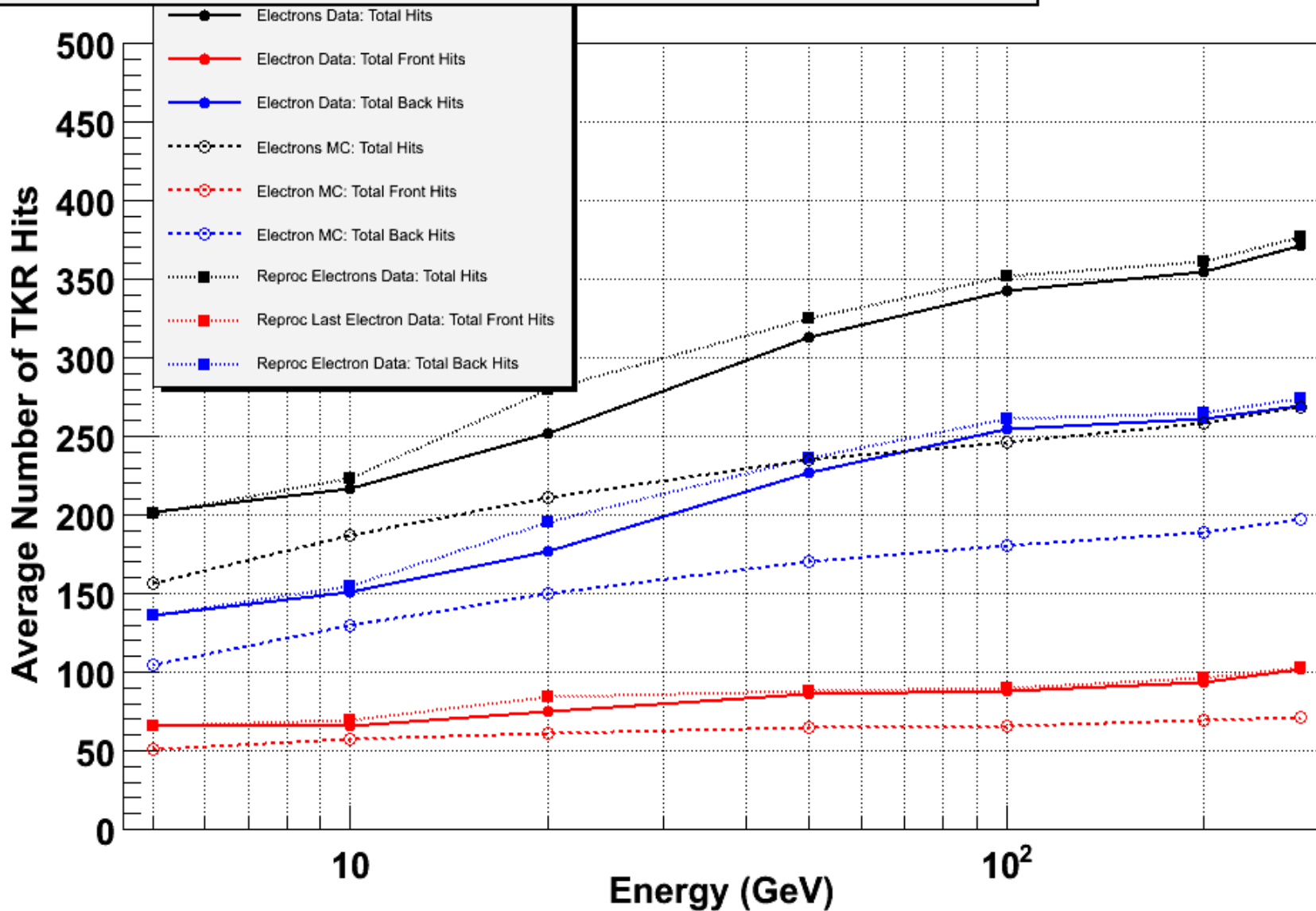
Summary at 10 deg

Average Number of TKR Hits Vs Energy, Angle = 10 deg



Summary at 20 deg

Average Number of TKR Hits Vs Energy, Angle = 20 deg



Summary at 30 deg

