TKR Electron/Gamma hits: v1r030604p6 Vs. v1r030603p8 and p9 BTR

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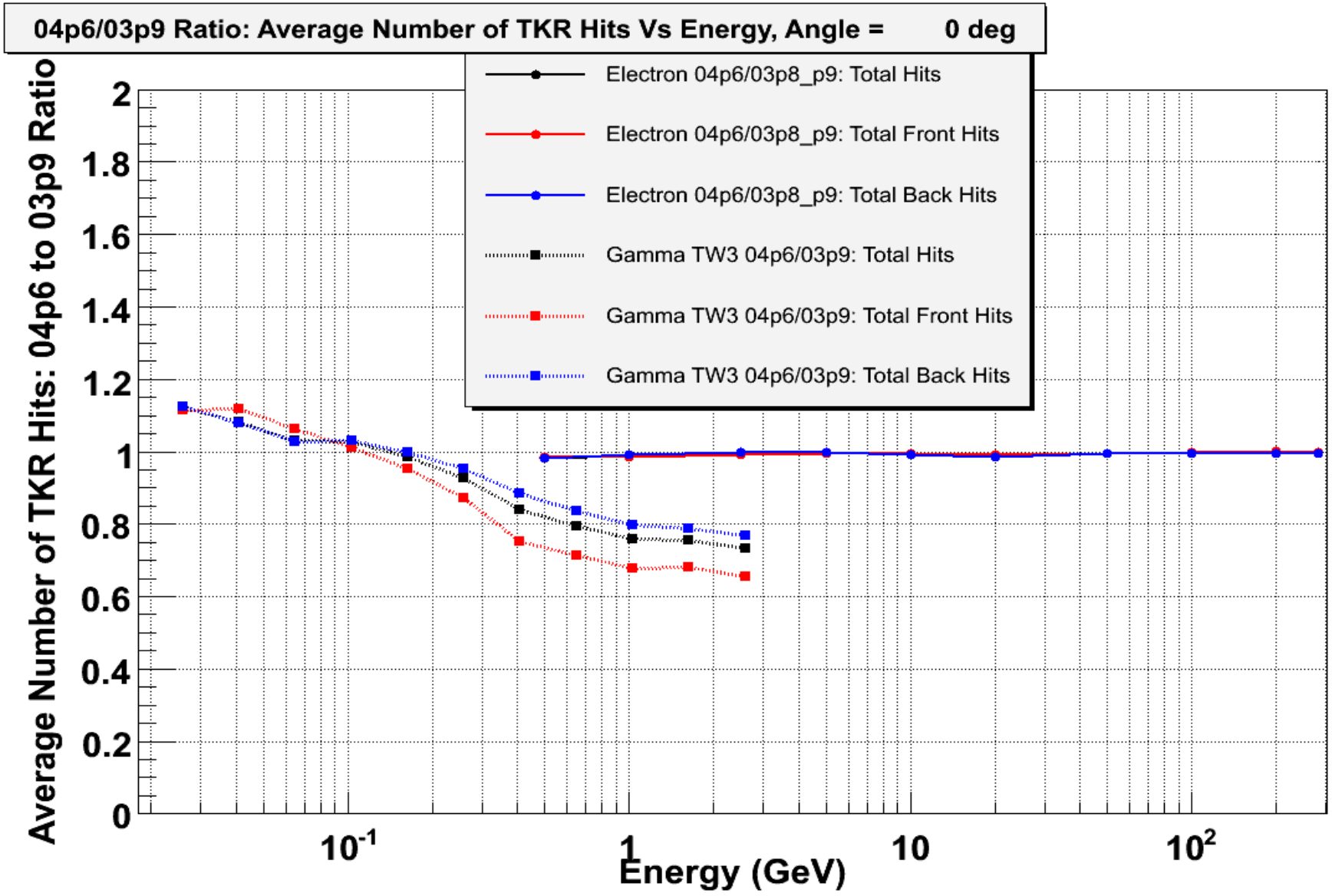
TKR Hits in electron/gamma runs

- The TKR hits and clusters have been studied
  - Whole TKR
  - Front TKR (plane > 12) thin planes
  - Back TKR (plane ≤ 12) thick and light planes
- 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
  - Gamma Cuts: Class A.1.1

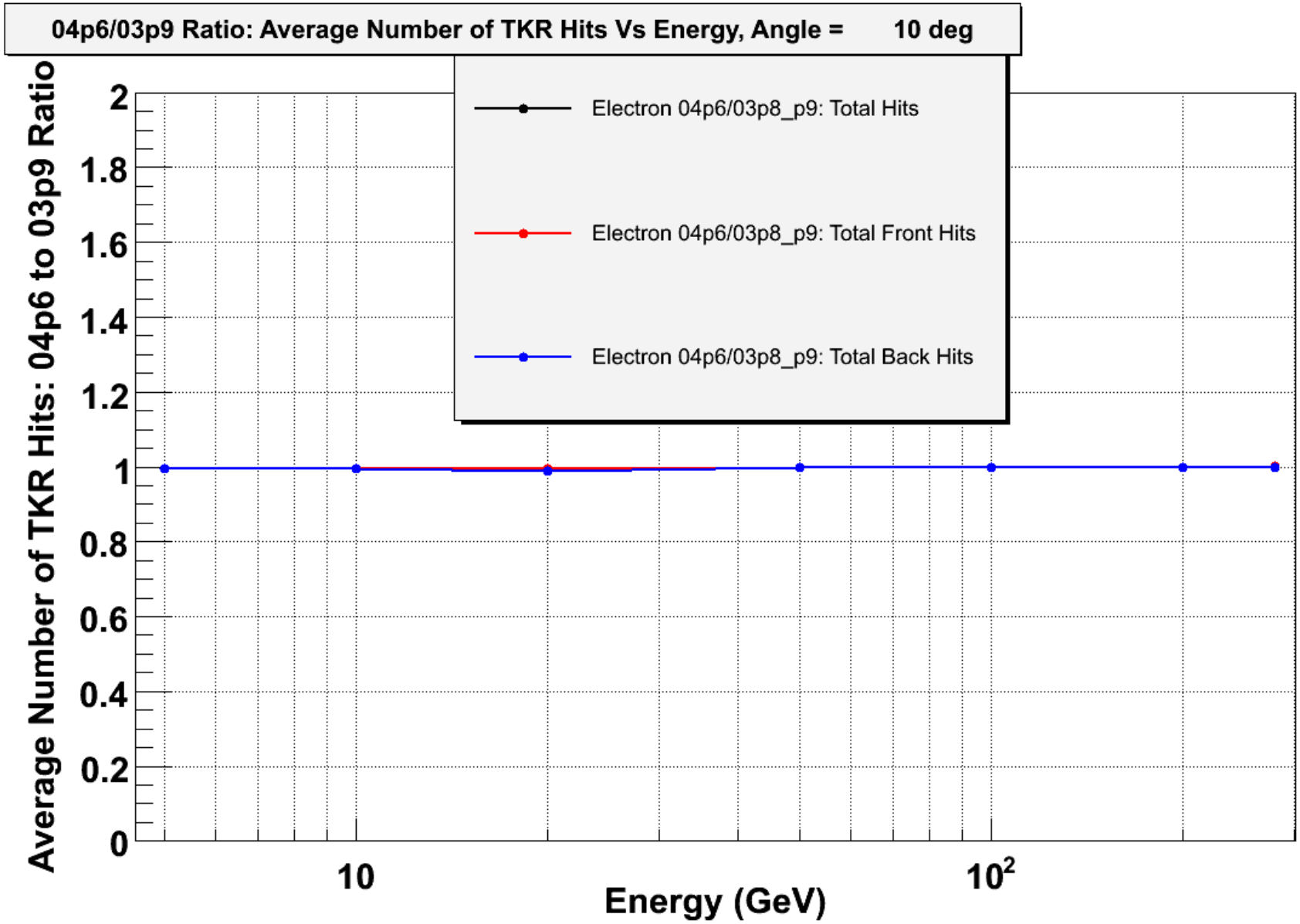
Summary

- Slide 4: electron and gamma sample v1r030604p6 to v1r030603p8-p9 Ratio at 0 deg
  - The ratio is not 1 for the gamma sample!!!
- Slide 5: electron sample v1r030604p6 to v1r030603p8-p9 Ratio at 10 deg
  - The ratio is 1
- Slide 6: electron sample v1r030604p6 to v1r030603p8-p9 Ratio at 20 deg
  - The ratio ranges from1 to 1.1
- Slide 7: electron and gamma sample v1r030604p6 to v1r030603p8-p9 Ratio at 30 deg
  - The ratio is not 1 for the gamma sample!!!

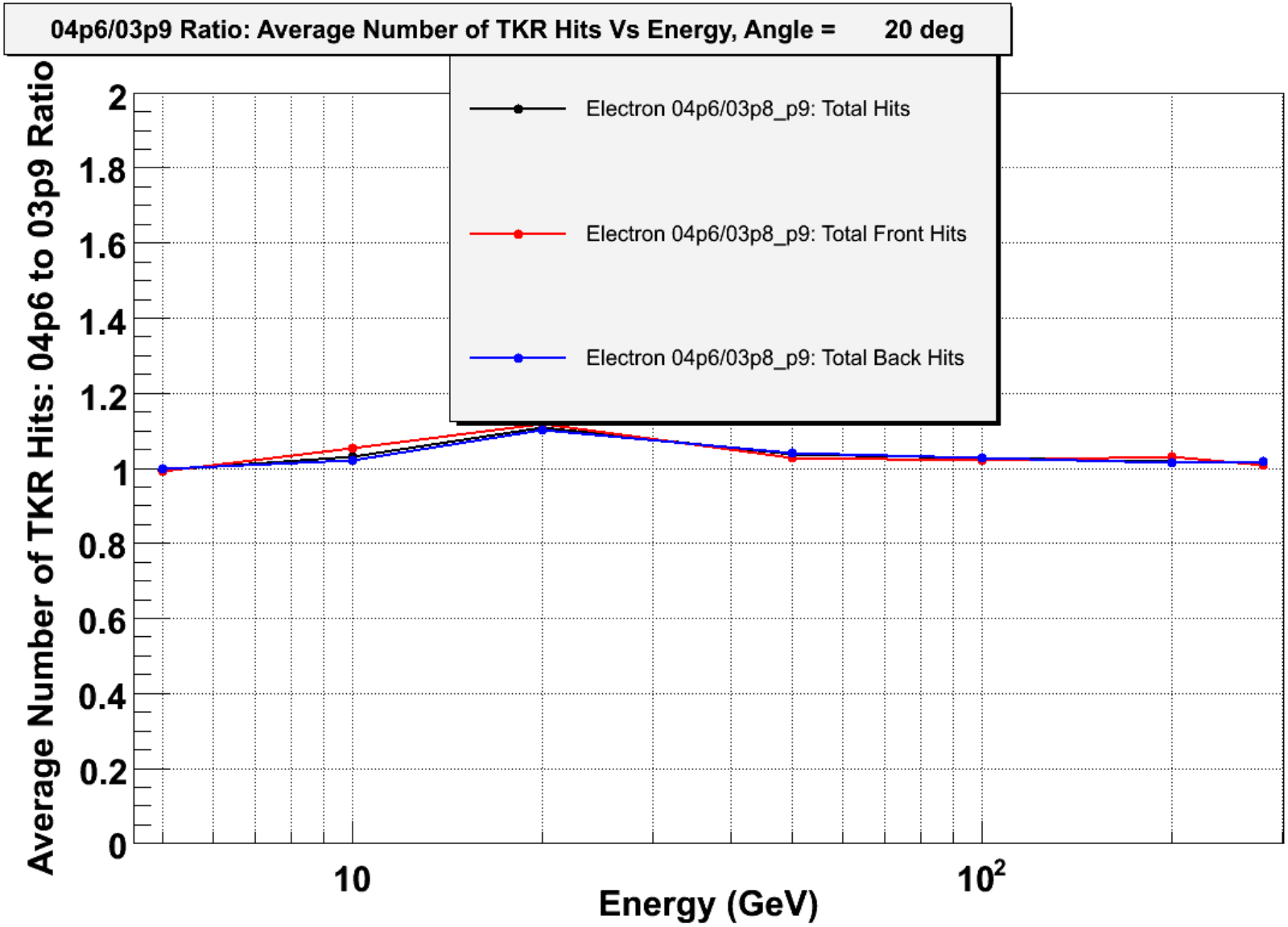
v1r030604p6 to v1r030603p8-p9 Ratio at 0 deg



v1r030604p6 to v1r030603p8-p9 Ratio at 10 deg



v1r030604p6 to v1r030603p8-p9 Ratio at 20 deg



v1r030604p6 to v1r030603p8-p9 Ratio at 30 deg