Physics Analysis Infrastructure

Simulation + ROOT49

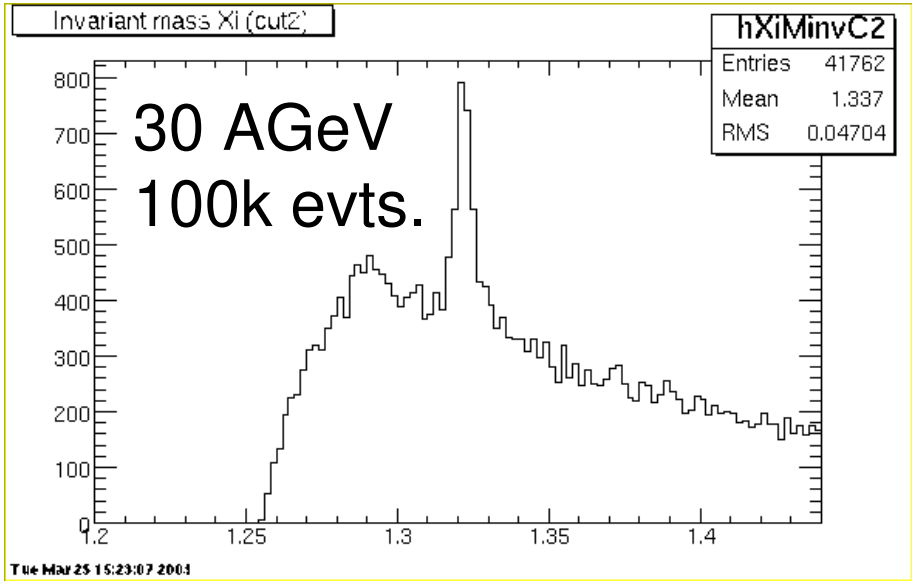
Christoph Blume

NA49 Collaboration Meeting

28.3. – 31.3. 2003

ROOT49

- No changes in software since last collaboration meeting
- Works on RedHat 7.3:



- 30 AGeV data available as mini–DSTs
  - finally (almost) complete
- Coming soon:
  - Event plane (Alexander)
  - HBT software, Coulomb corrections, etc. (Christopher, Dominik, Stefan)

Simulation

- Changes since last meeting
  - Bug fix in `edisto_mc`: Distortion uses now external coordinates for MTPC
    - Fixes U–shape in residuals
  - Geometry: MTPCs too short in y–direction
    - Wrong y dimension of FC and shifted relative position of beam
    - Affected all GEANT geometries created after 1998: V98S, V99A, V00A
    - New corrected geometry files
  - V02A geometry created
- Changes in simulation software submitted to CVS
  - t0 distortion in mtsim
  - 256tb + Huffman
  - Fixes in geometry and `edisto_mc`
- Final check with RedHat 7.3 needs still to be done
- Up–to–date simulation chain also available in: *~cblume/public/SIMCHAIN/*
- Perhaps a new expert???