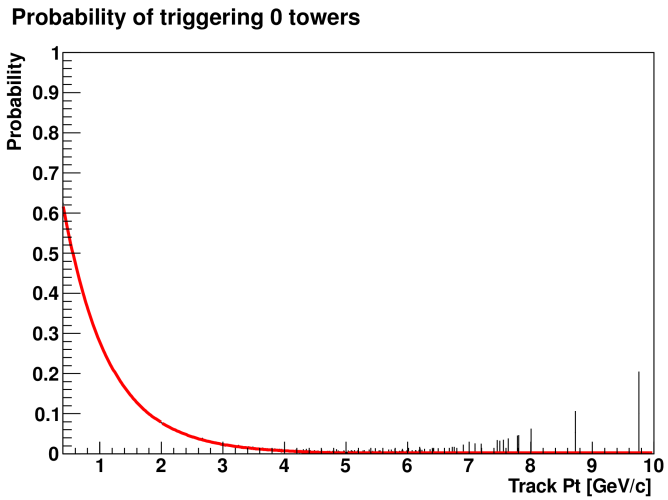
GXG skype meeting

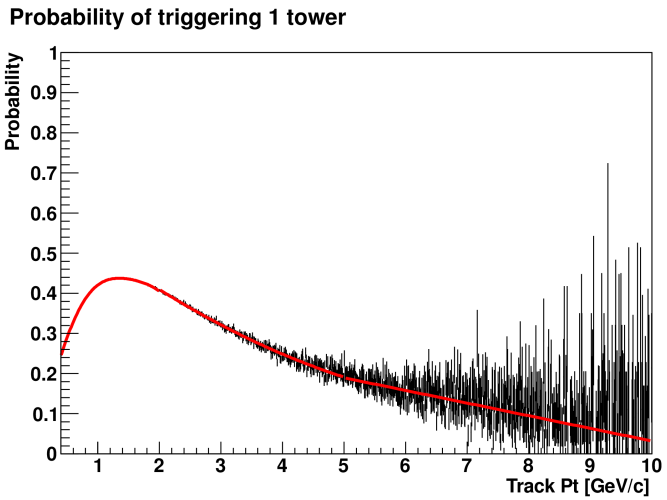
Trigger efficiency – revised and corrected

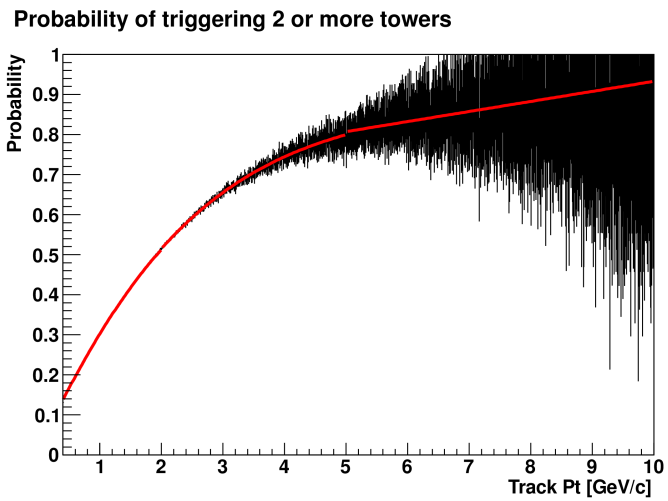
Z0 distributions

Trigger efficiency

- 2 Independent tracks
- Probabilities that track had:
  - 0 trigger towers
  - 1 trigger tower
  - 2 or more triggered towers


Probability of triggering 0 towers
Probability
Track Pt [GeV/c]


Probability of triggering 1 tower
Probability
Track Pt [GeV/c]

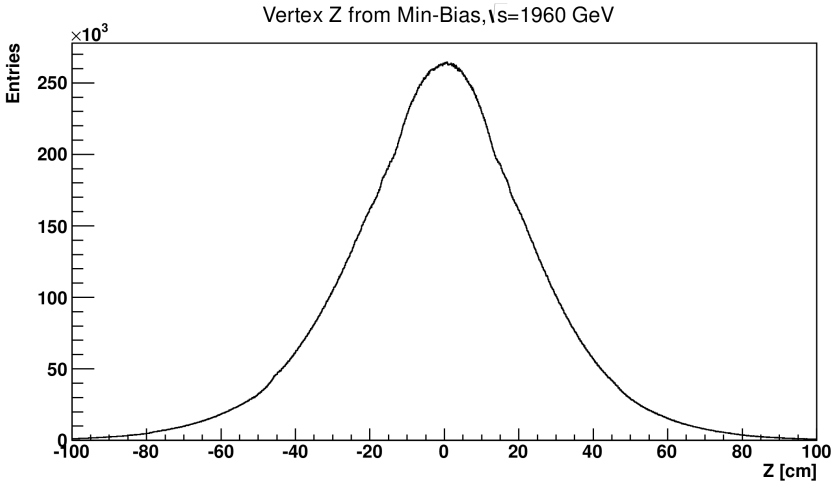

Probability of triggering 2 or more towers
Probability
Track Pt [GeV/c]

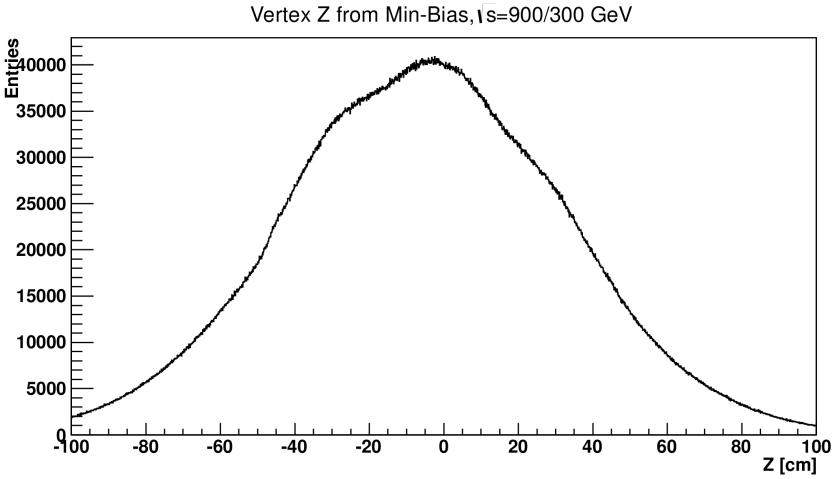
Z distributions

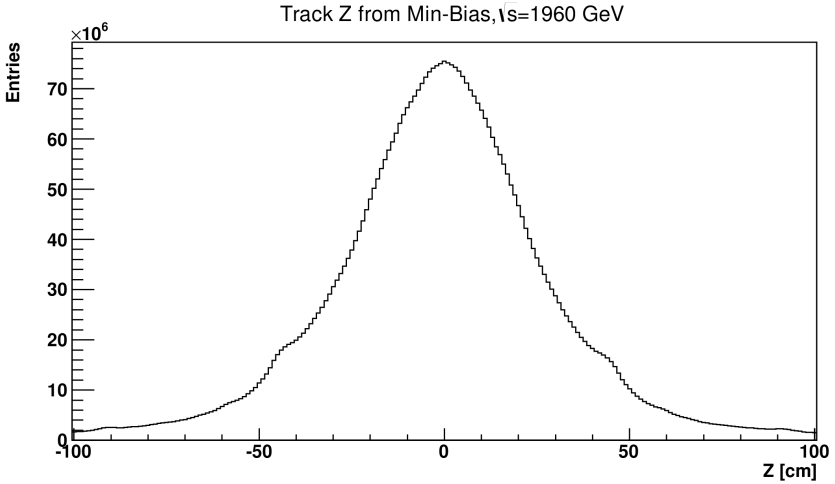
- Made from all p-period and scan min-bias data

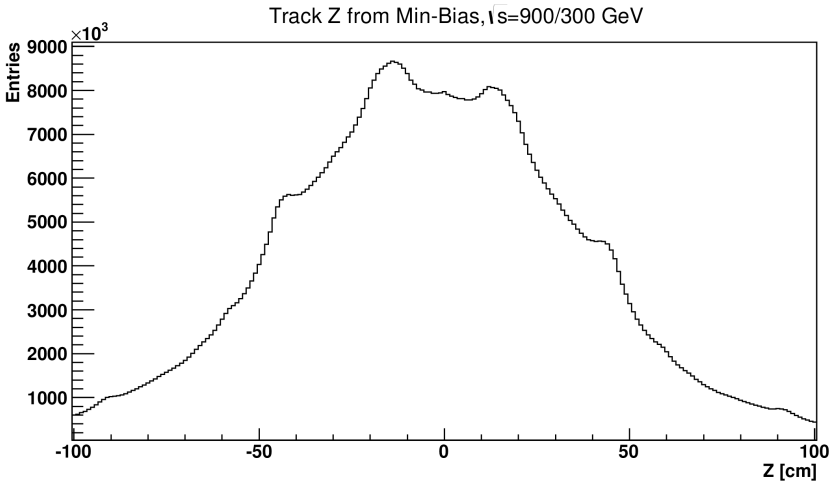
- Scan
  - No dependence on run
  - No dependence on bunch number

1960 / 900+300


Vertex Z from Min-Bias, √s=1960 GeV
Entries
×10³
Z [cm]


Vertex Z from Min-Bias, √s=900/300 GeV
Entries
Z [cm]


Track Z from Min-Bias, √s=1960 GeV
Entries
×10⁶
Z [cm]


Track Z from Min-Bias, √s=900/300 GeV
Entries
×10³
Z [cm]