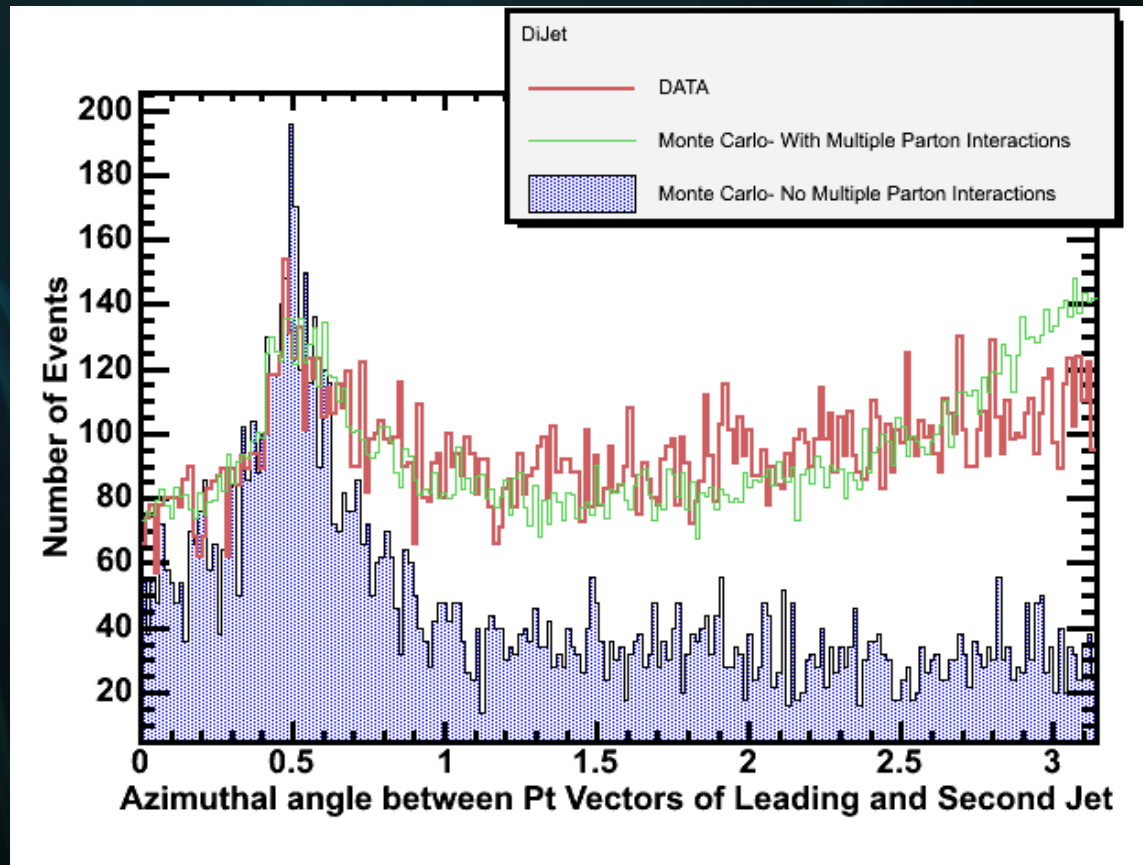


W+Jets Study

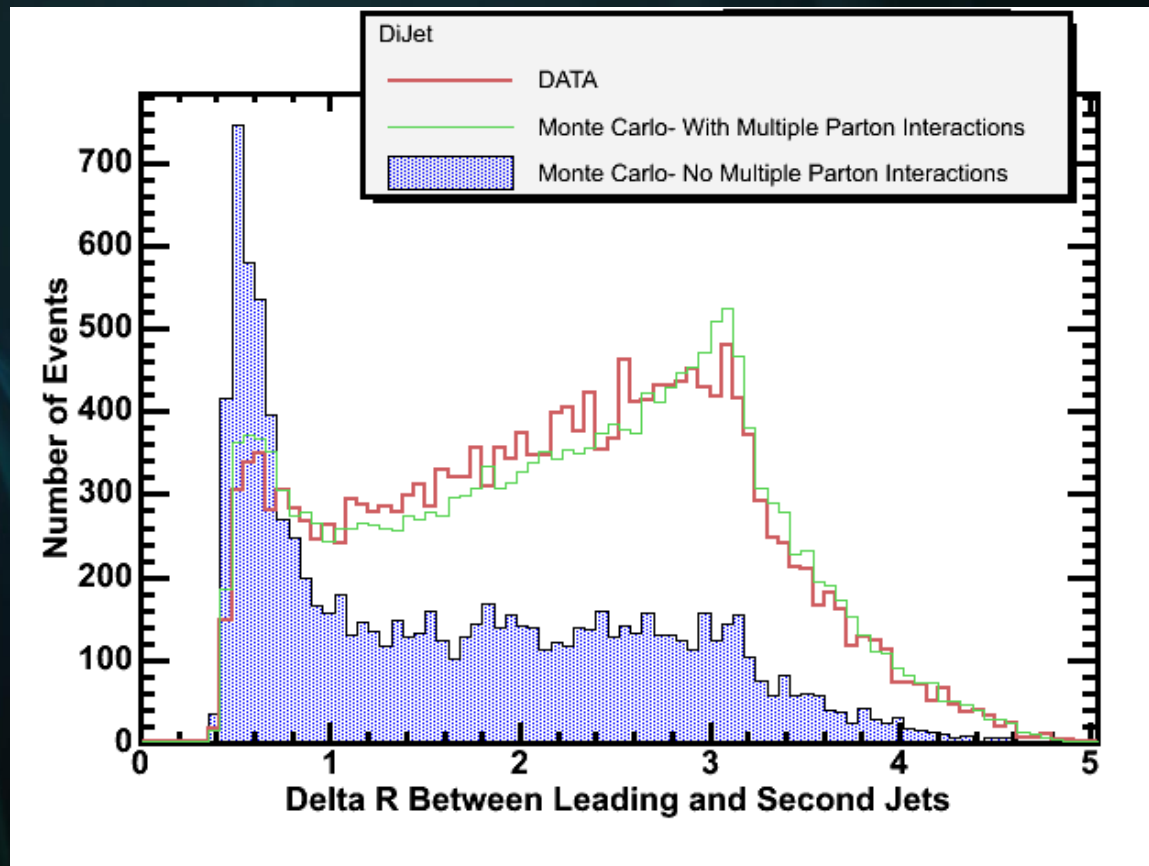
Varsha Ramakrishnan
CDF HEP Group Meeting
06/15/09

Azimuthal Angle between Dijet Pt Vectors



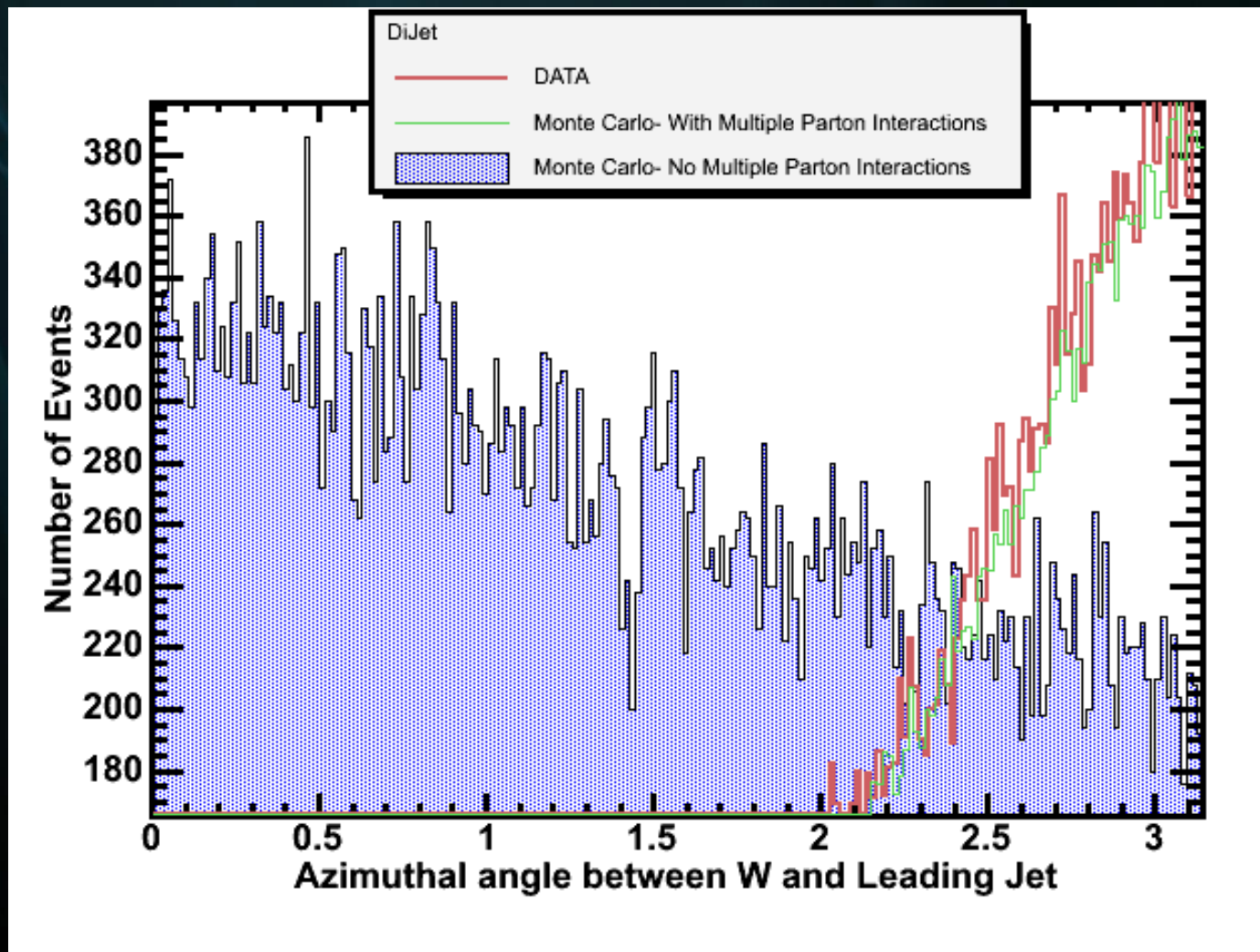
- MC sample with No-MPI does not Peak $\sim \pi$ as MC Sample with MPI does.
- $W + 2$ Jet events that Peak $\sim \pi$ can be attributed to either Double Parton or Double Proton events

Delta R Between Dijets

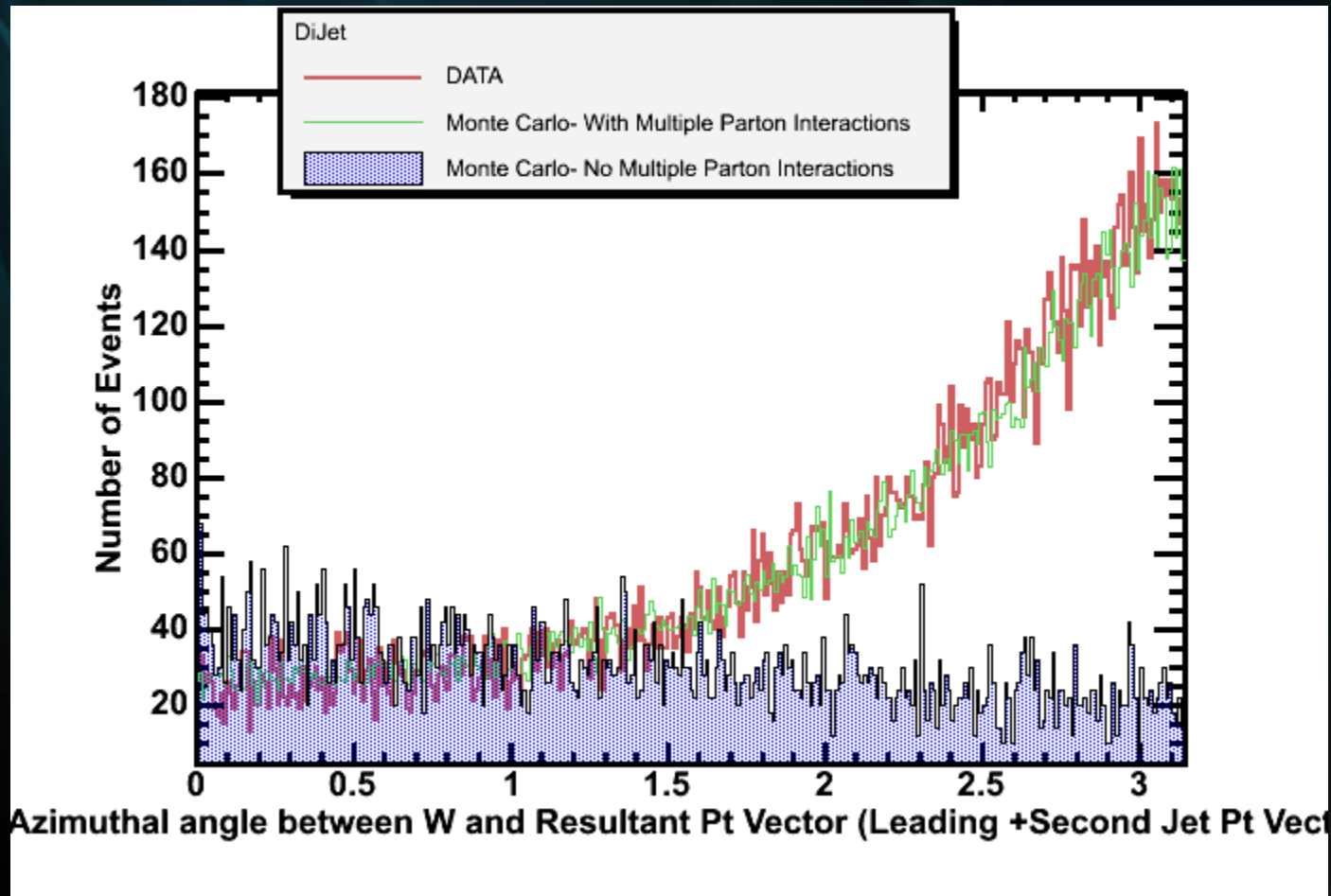


- Trend seen is Azimuthal angle plot (previous slide) is mirrored in the above plot

Azimuthal angle between W and Leading Jet



Azimuthal Angle between W and Resultant Vector



Conclusions

- More Plots on MC sample with MPI turned off
- Further studies on Jet Tracks and Comparison plots with Electron Track