

## **Radial Flow Study from Identified Hadron Spectra** in Au+Au collisions at $\sqrt{s_{NN}} = 200$ GeV



## **Study of Hydro-dynamical Collective Expansion Picture**

- Identified charged hadron spectra and yield.
  - Spectra vs. centrality
  - Mean  $p_T$  vs. centrality
- Hydro-dynamical model fit
  - Radial flow velocity  $\beta_{T}$  and thermal freeze-out temperature  $T_{fo}$
  - Hydro-dynamical model with resonance decay effect.

## Results



Akio Kiyomichi (RIKEN) for the PHENIX Collaboration E-mail: kiyo@riken.go.jp http://www.phenix.bnl.gov/~kiyo/



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