Suggestions

- Plot the acceptance and efficiency as function of p_T in forward, central and backward region, such that we may also study magnetic field effect for soft tracks in different region.
- Instead of using pseudorapidity bins, use rapidity binning.
- On purity, please provide information of any cuts that applied in the study.
- The error bars of purity and efficiency shouldn't be above 1.

Questions for Xuan

- The D^0/D^0 bar efficiency is lower at low p_T. Is there any reason? Magnetic field, PID performance or others?

Questions for Xinbai

- The J/psi purity in backward region seems too low.
  - There are concerns that Pythia may not be the right event generator.
  - Does the purity study include tracking only?
- Can you provide explanations of the falling J/psi efficiency (plot 2b in your slides) in the forward and backward regions?
- Statistical and systematic uncertainty should be included in the cross section plots.