

Outline of the talk
<ul> <li>Motivation <ul> <li>open charm as probe of H.I. Collision</li> <li>single electrons in high pt</li> </ul> </li> <li>Single Electron measurement in PHENIX <ul> <li>Data analysis</li> <li>(Raw) electron spectrum in PHENIX</li> </ul> </li> <li>Background subtraction <ul> <li>background from light hadron decays and photon conversion</li> <li>Data/background ratio</li> </ul> </li> <li>Charm decay contribution <ul> <li>Electron signal compared with charm decay</li> <li>charm cross section corresponding to the data</li> <li>comparison with lower energy charm/electron data</li> </ul> </li> </ul>
2002.04.09 ITP 2 Y.Akiba













































