Pb+Pb EbE physics: search for "exotica"

- DCC

  Fluctuations in number of low p_T pions $\Rightarrow$ fluctuations in mean p_T

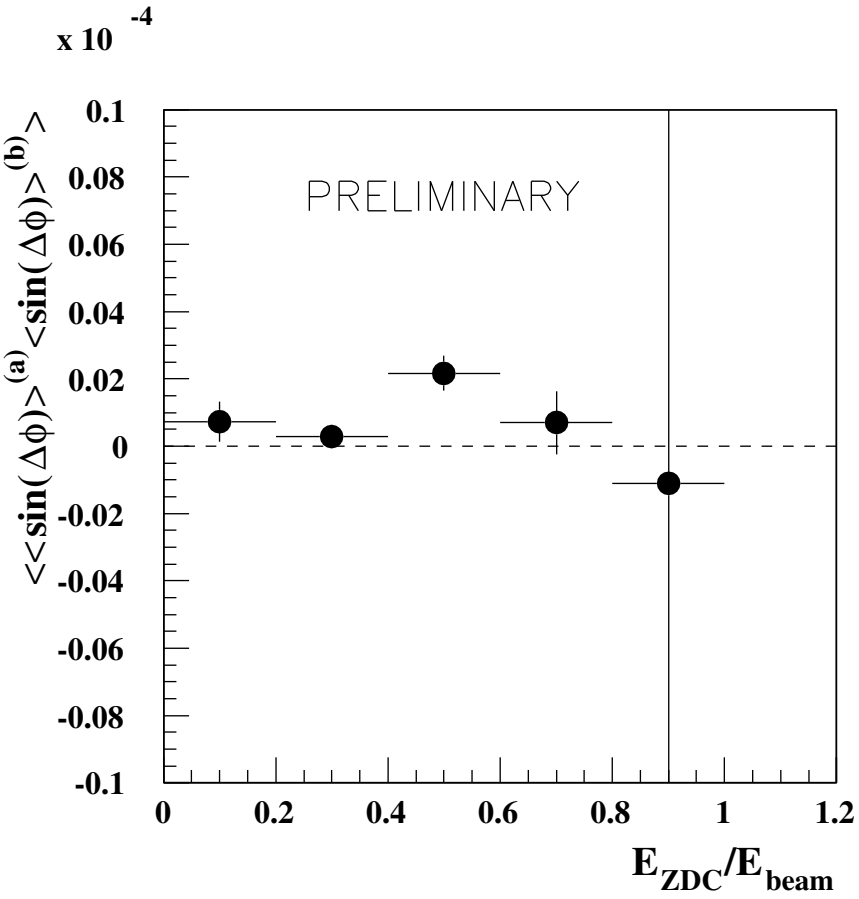
  From data

  DCC relative volume $\xi < 0.035$ per event

- Parity violation

  $\Delta\phi = \phi_{\pi^+} - \phi_{\pi^-}$

  Search for non-statistical fluctuations in P-odd quantity $\sin(\Delta\phi)$



$\sigma_{\sin(\Delta\phi),\text{non-stat}} < 10^{-3}$