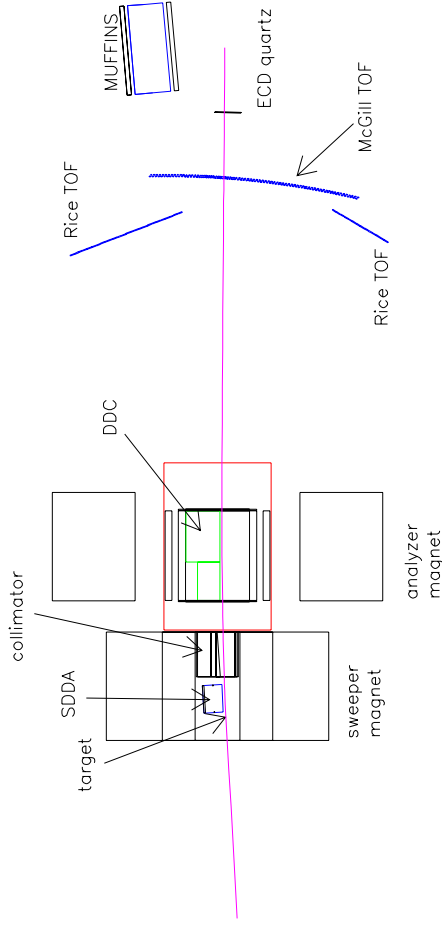


E896 TOF

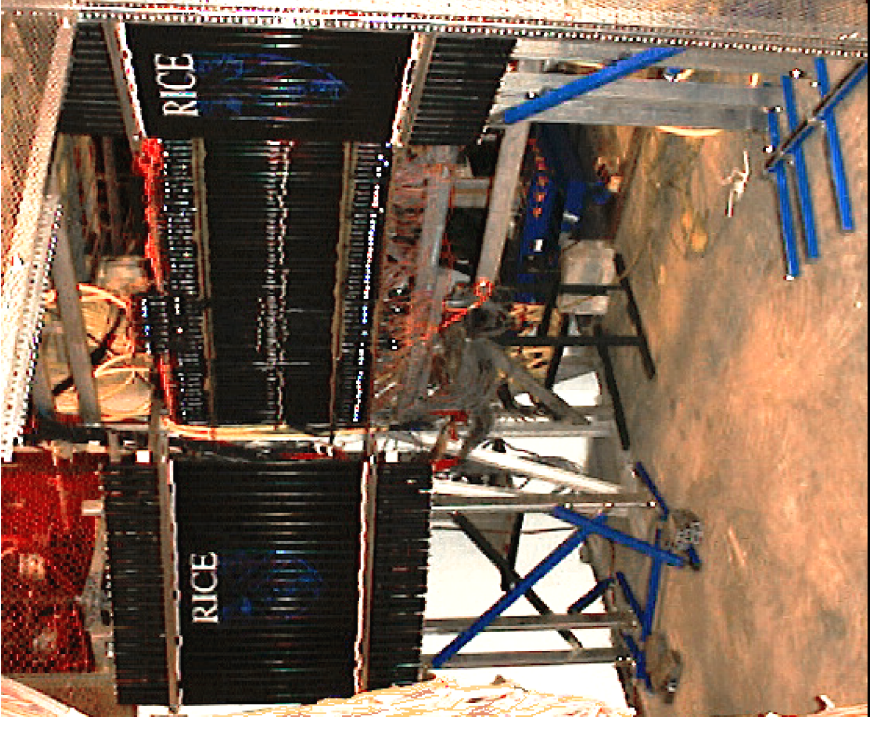
W.J. Llope, K.Kainz, Rice University

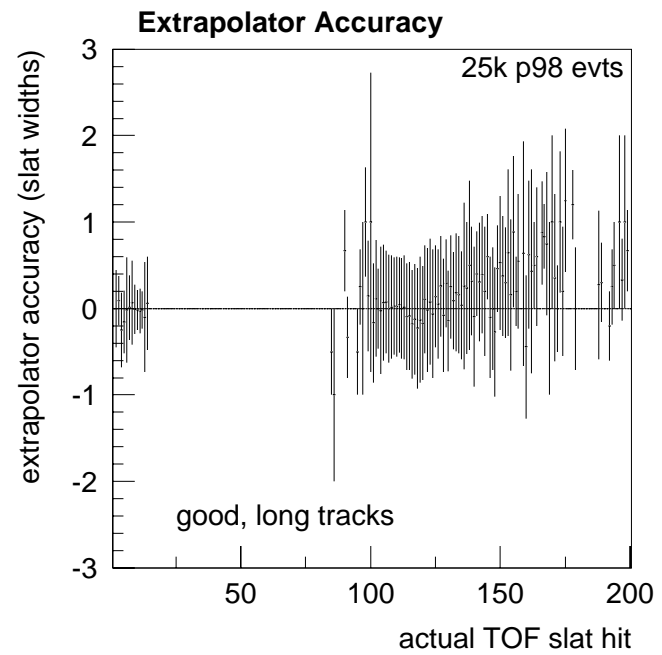
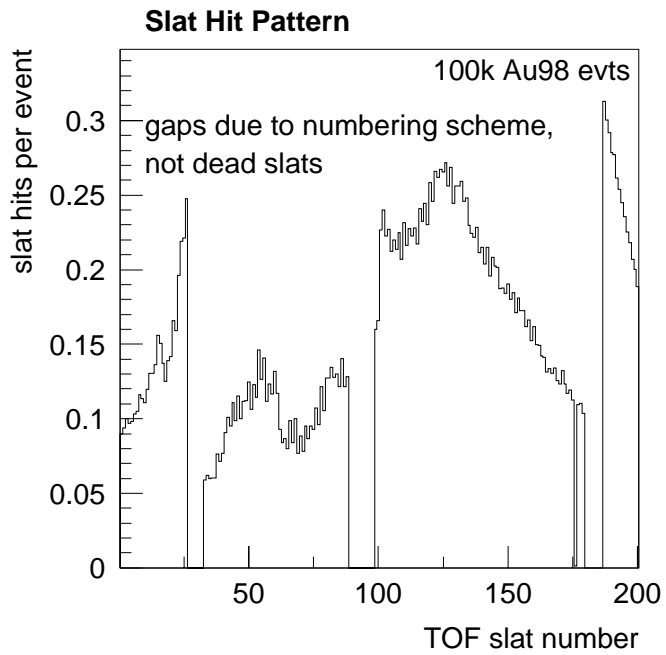


- ~ 200 scintillator slats within 3 walls
 - central wall: refurbished from E877, slat dim. $1.7 \times 1.5 \times 70$ cm
 - side walls: built at Rice for E896, slat dim. $5 \times 1 \times 100$ cm
- Slats oriented vertically, with PMTs at top and bottom
- Located ~ 3 m downstream of DDC, ~ 5.5 m from target
- Covers area of ~ 2.5 m²
- Expected time resolution ~ 100 psec

Goals of TOF:

- provide particle identification for one or more daughters of V_0 candidates in E896 DDC
- provided Λ trigger for 1998 p+A run in E896; enhanced Λ sample by factor of ~ 5
- possible use as software trigger for $\bar{\Lambda}$ in 1998 Au+Au data





Preliminary

