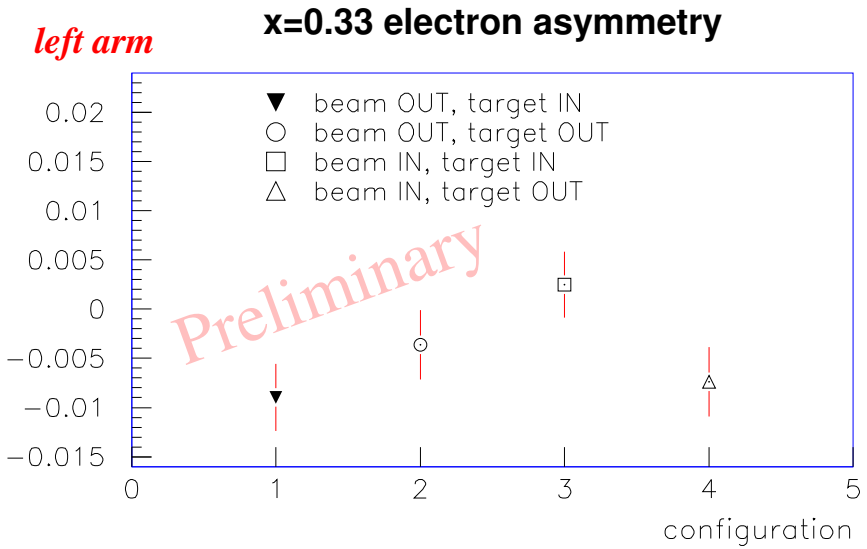
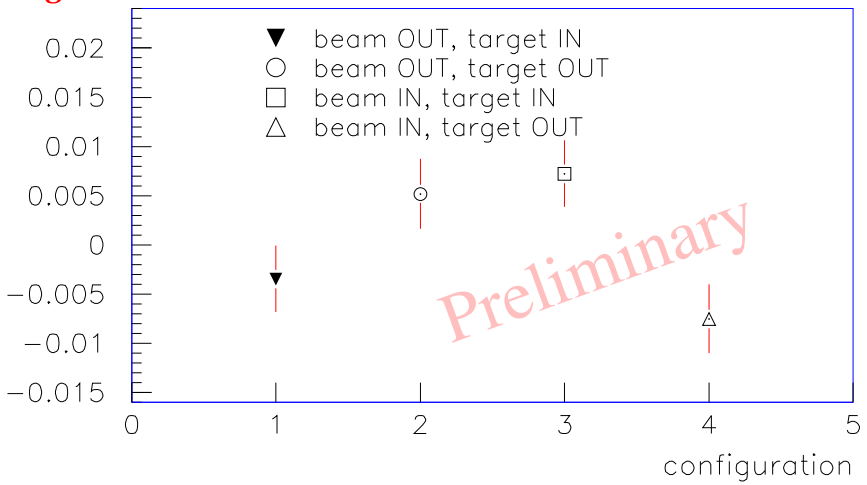
E99–117 Data Analysis – Electron Asymmetry

2001/07/31 00.10

left arm



right arm



- Target, beam spin direction reversal
- Four configurations consistent
- Two arms consistent
- False asymmetry under control

On Line Analysis

- $x = 0.33$, on-line result:
  - $A_{\parallel} = -0.0146 \pm 0.00355$ (stat.)
  - $A_{\perp} = -0.00531 \pm 0.00814$ (stat.)
  - $A_1^{^3He} = -0.0544 \pm 0.0154$ (stat.)
  - 0th order $A_1^n = -0.163 \pm 0.046$ (stat.)
  - Systematic error: P_b, P_t, radiative correction, false asymmetry, $^3He \to n$

On Line Analysis

- $x = 0.48$ and $x = 0.61$: in progress