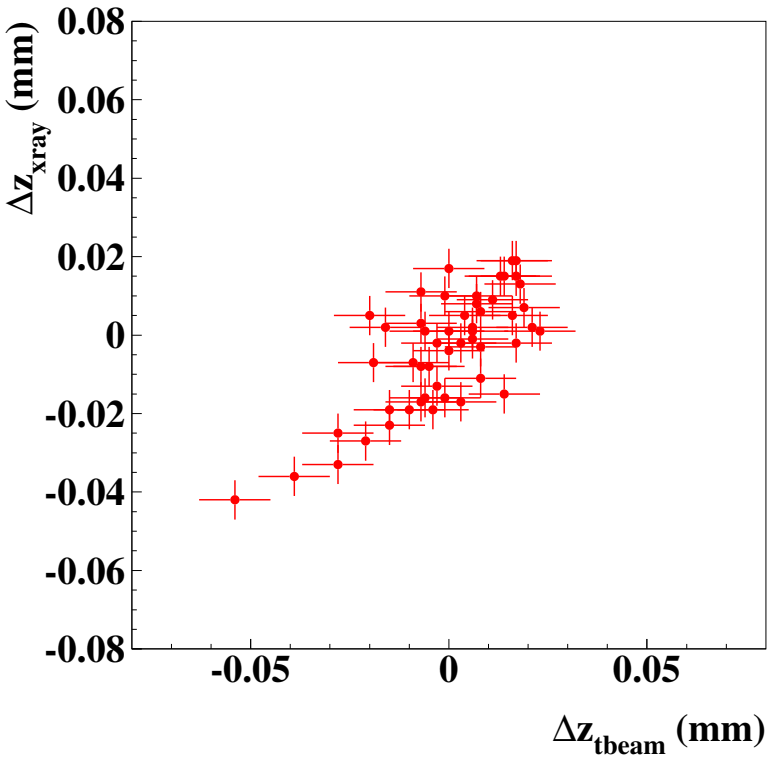
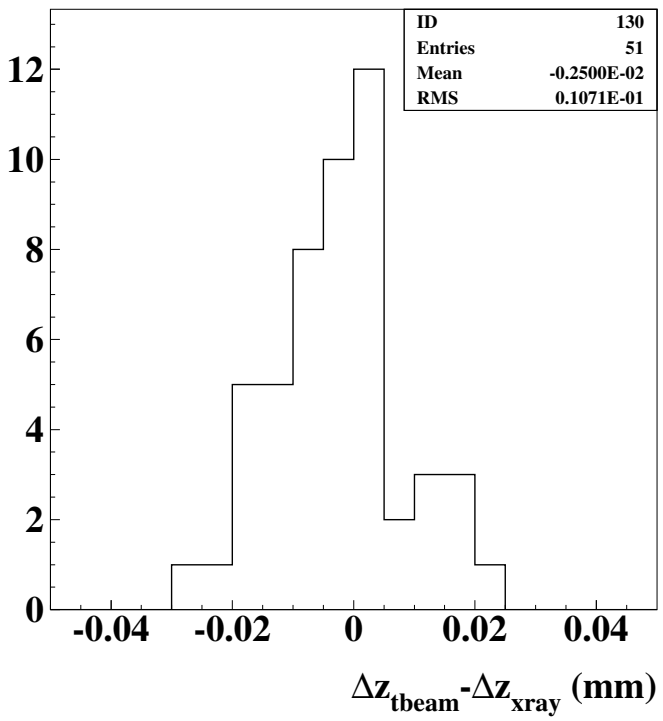
Prototype Test Beam Results

- **Single-tube space–drift time relation can be used over the whole trigger area $(1 \times 1\ \mathrm{m}^2)$.**

  Allow only max. drift time to vary by $6\ \mu$m (rms) (varying operating conditions of drift tubes).

- **Vary assumed wire positions until track residual distributions left and right of wire w.r.t. beam are symmetric.**

  $\Longrightarrow$ **Measure sense wire positions $\perp$ beam with accuracy $\leq 10\ \mu$m.**

  Good correlation with wire positions from X-ray scan of the chamber: