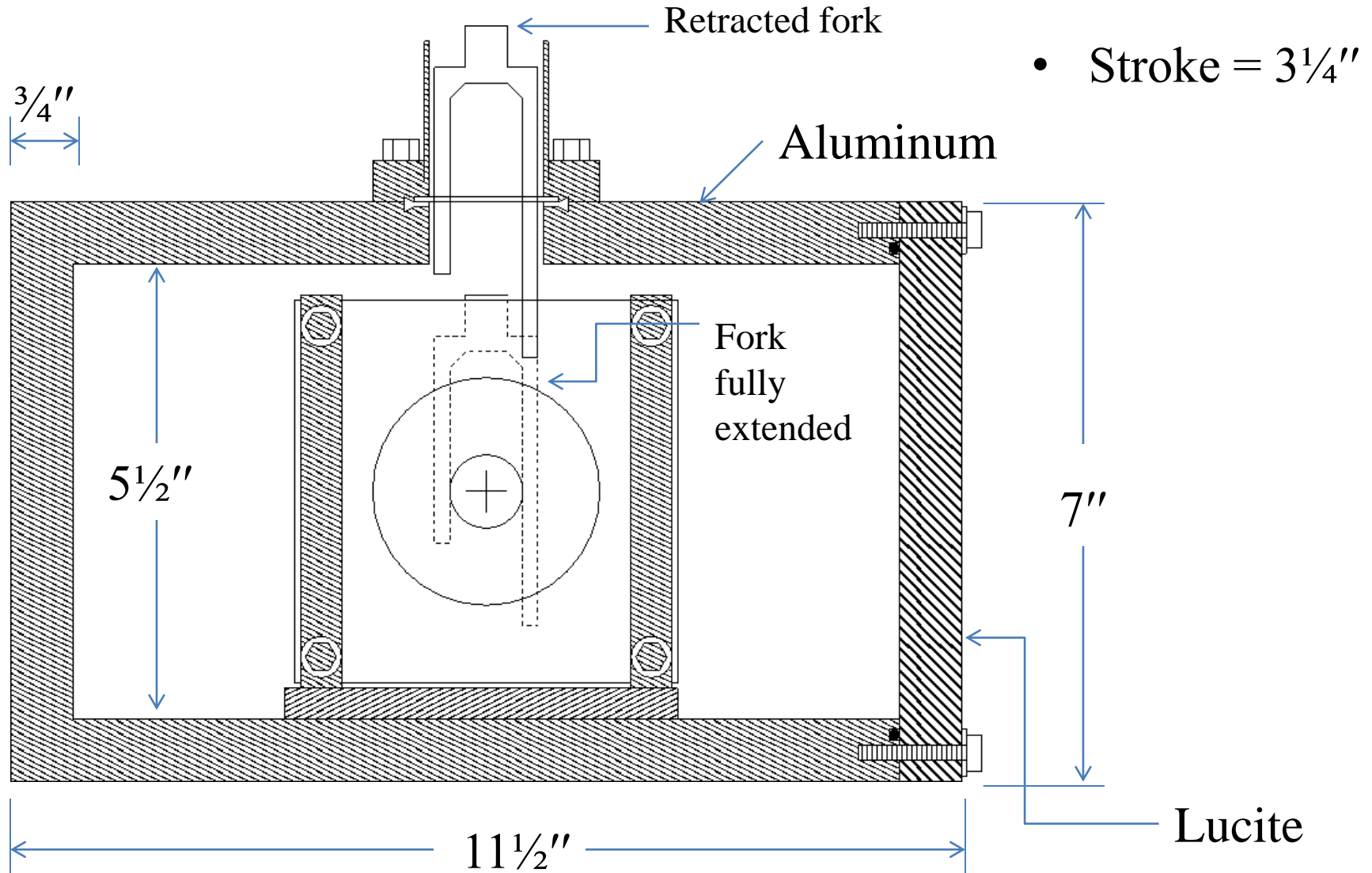
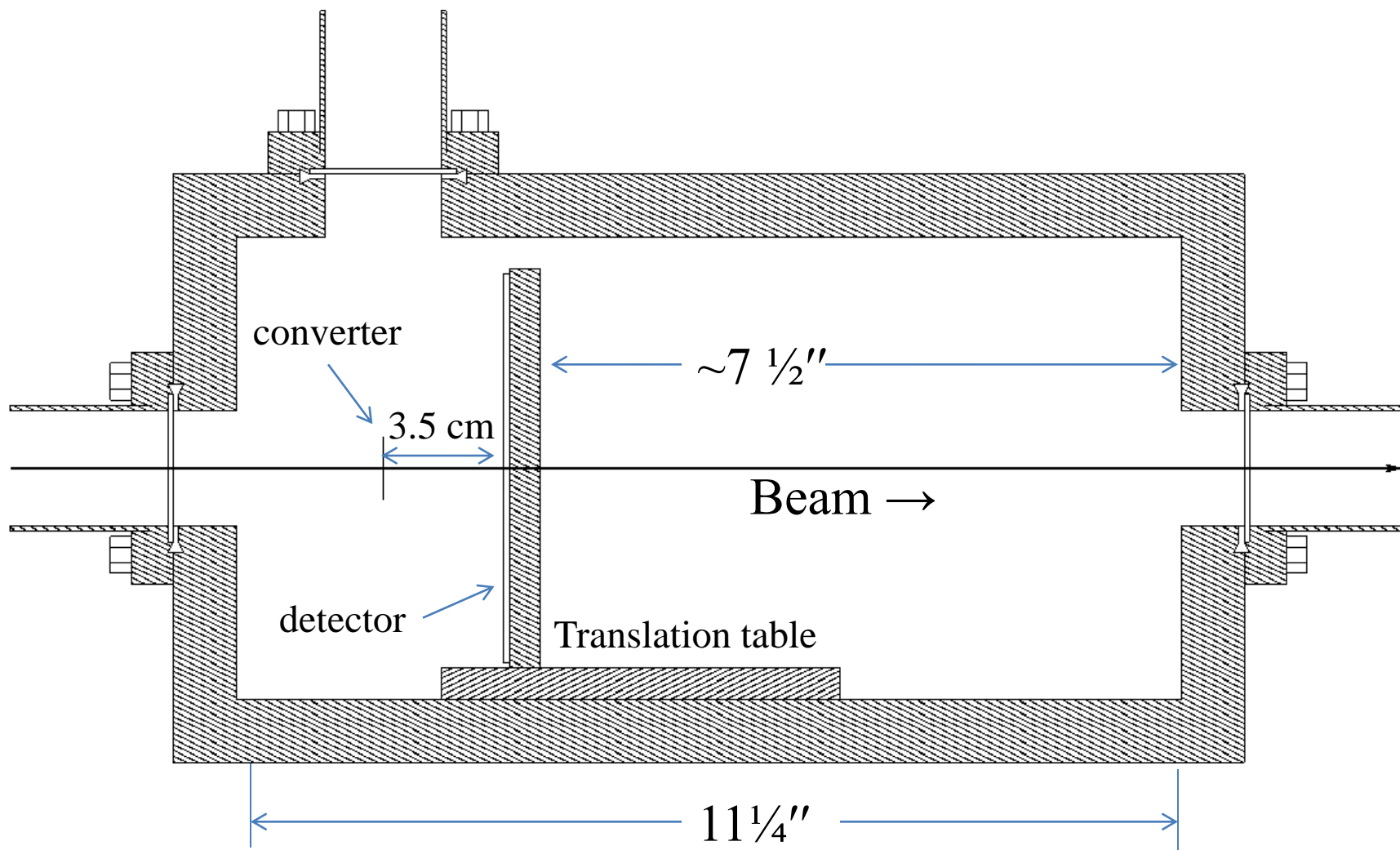


# Rough draft of GlueX polarimeter vacuum box and dependence of analyzing power on beam parameters

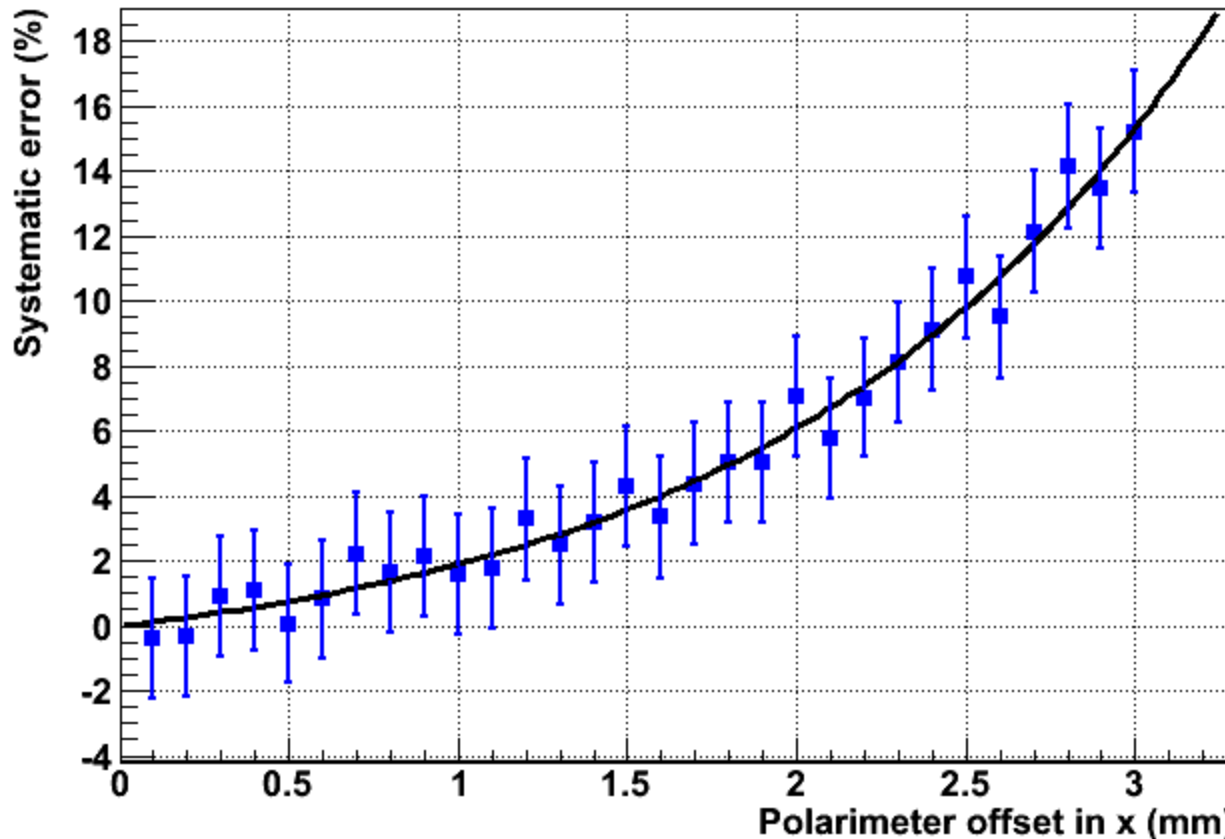
# Downstream view



# Side view

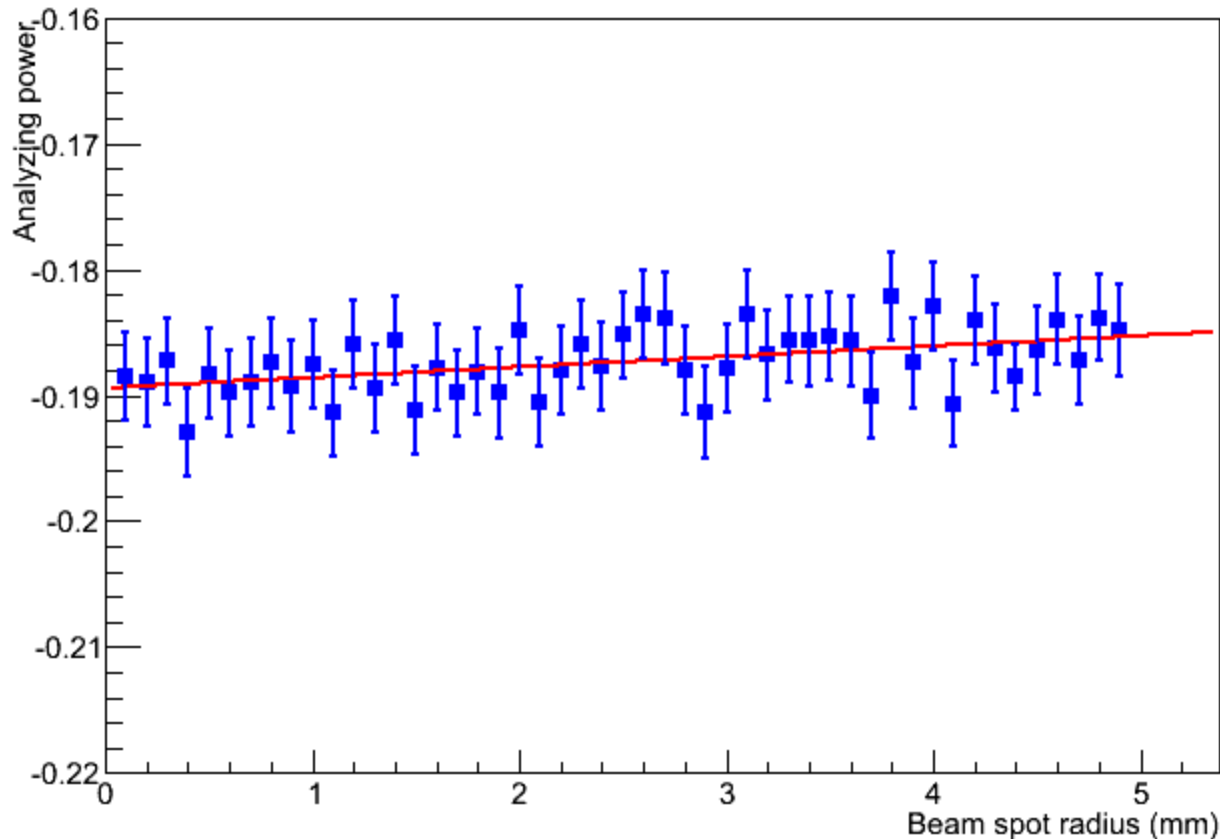


# Systematic error associated with detector offset (Mainz design)



- Alex talked to engineers and they can center the polarimeter to within 200 microns ☺

# Dependence of analyzing power on beam spot size (Mainz design)



- Used 35 micron ( $10^{-4}$  rad lengths) beryllium converter
- Analyzing power varies slowly with respect to beam-spot radius ☺