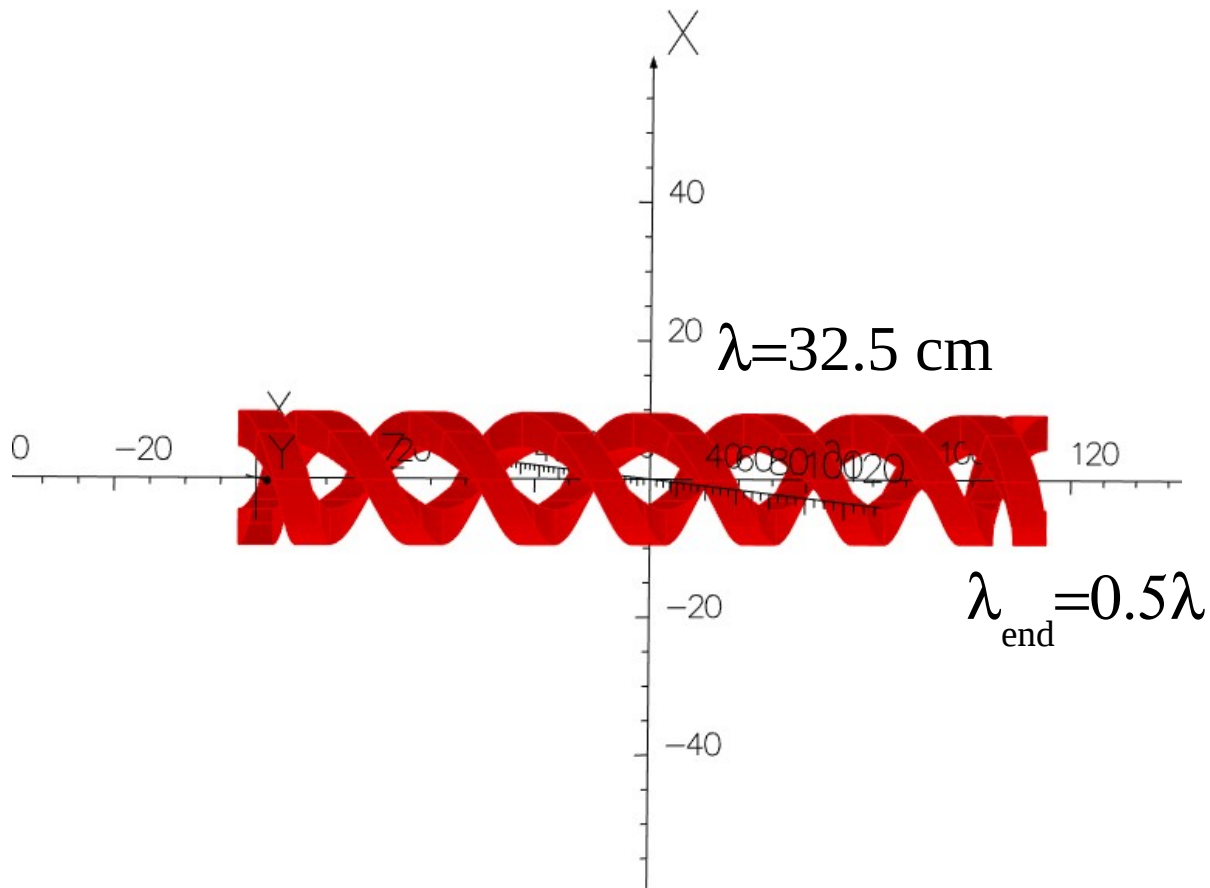
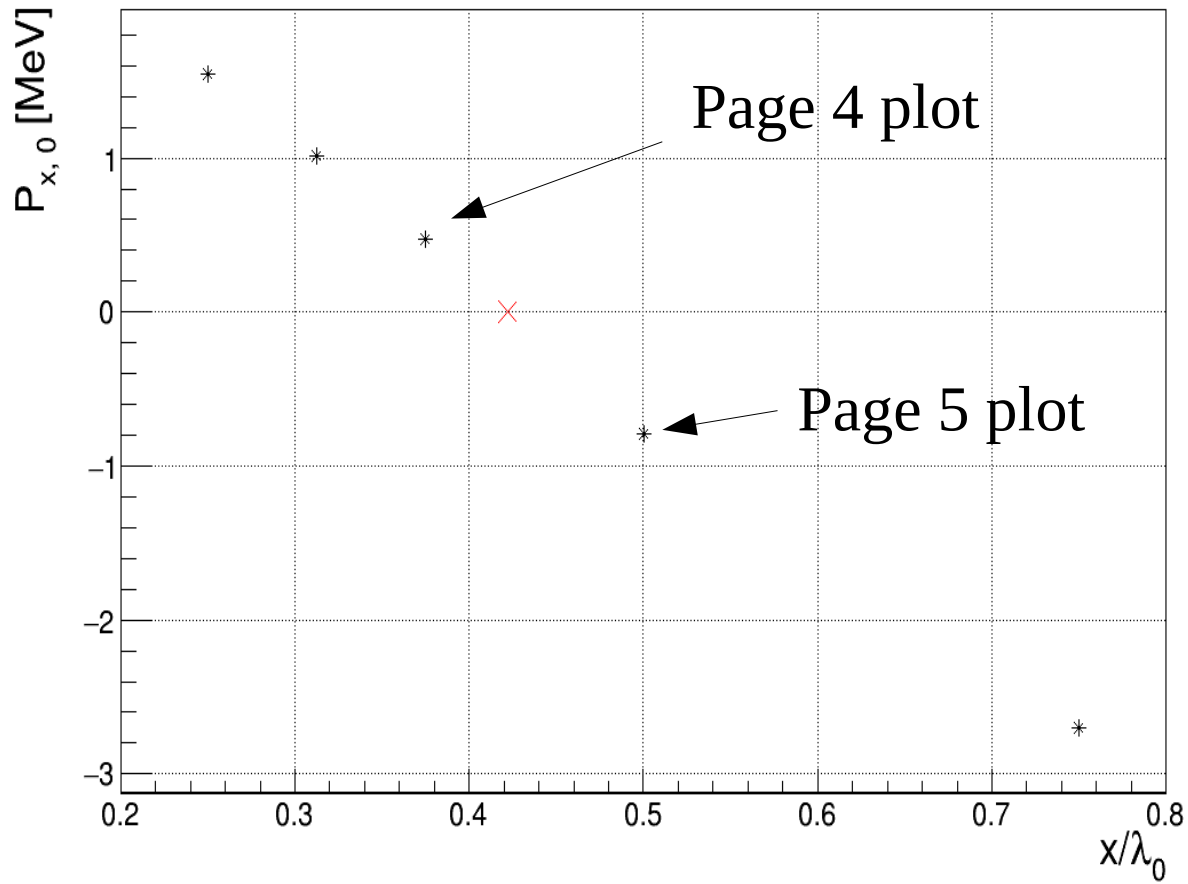


# **The status of the helical undulator field modeling**



Initial  $P_{x,0}$  vs  $x/\lambda_0$  (Und. period change position)



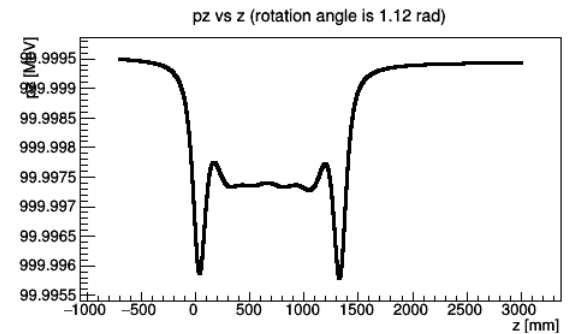
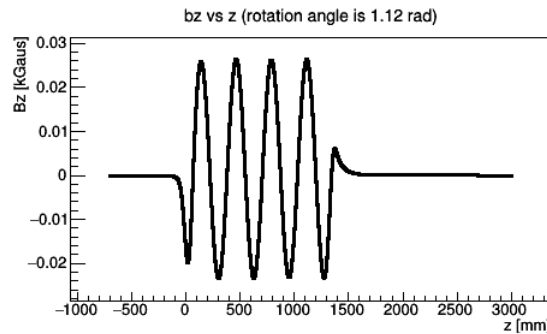
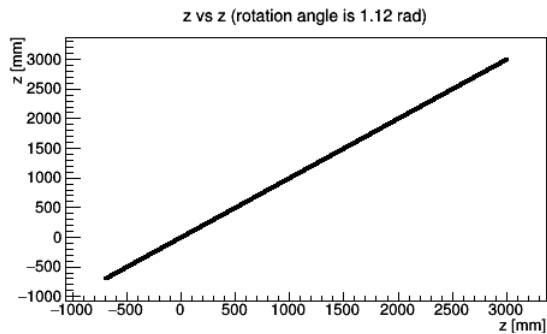
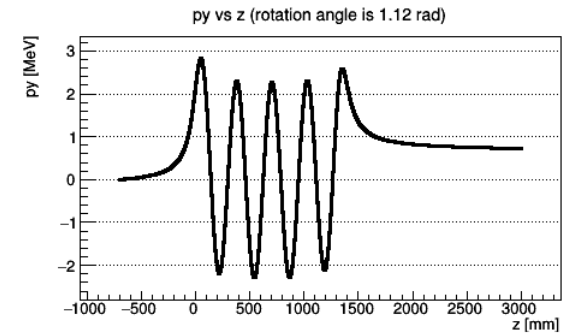
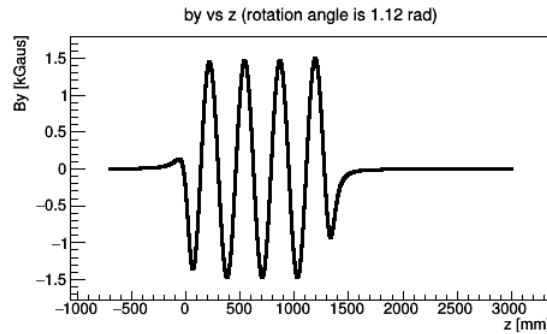
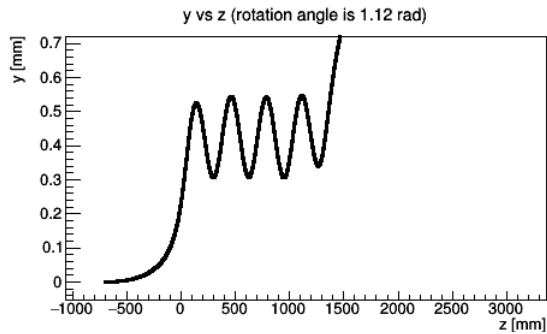
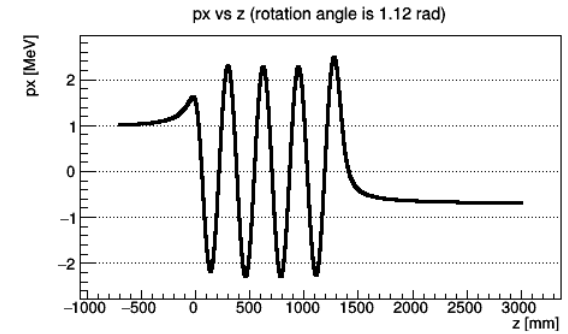
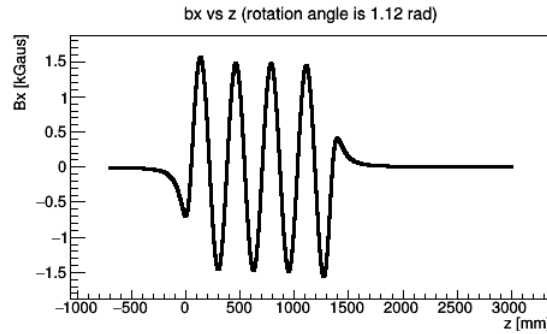
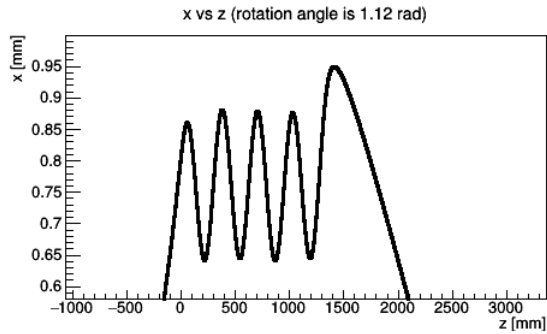
$$x = 3/8\lambda$$

$$P_{x,0} = 0.47 \text{ MeV}$$

$$\lambda_0 = 32.5 \text{ cm}$$

$$\lambda_{\text{end}} = 0.5 * \lambda$$

$$N = 4 \text{ turns}$$



$$x = 4/8\lambda$$

$$P_{x,0} = 0.78 \text{ MeV}$$

$$\lambda_0 = 32.5 \text{ cm}$$

$$\lambda_{\text{end}} = 0.5\lambda$$

$$N = 4 \text{ turns}$$

