

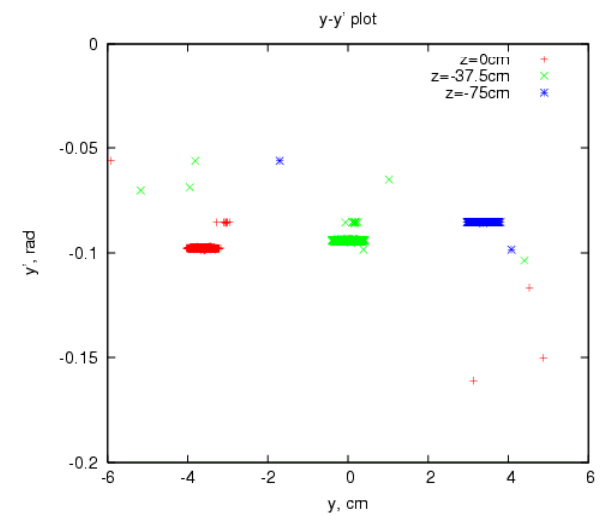
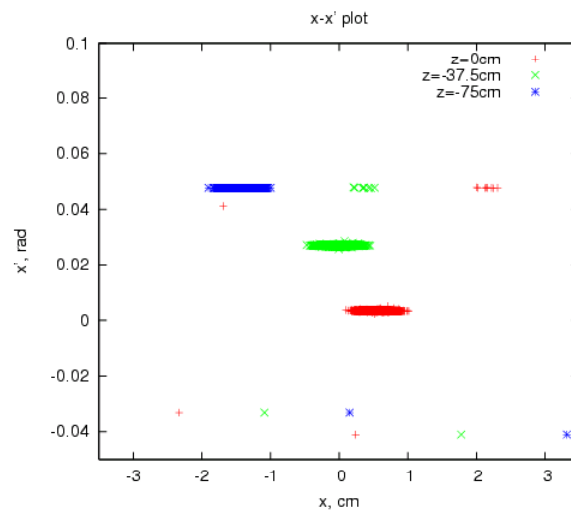
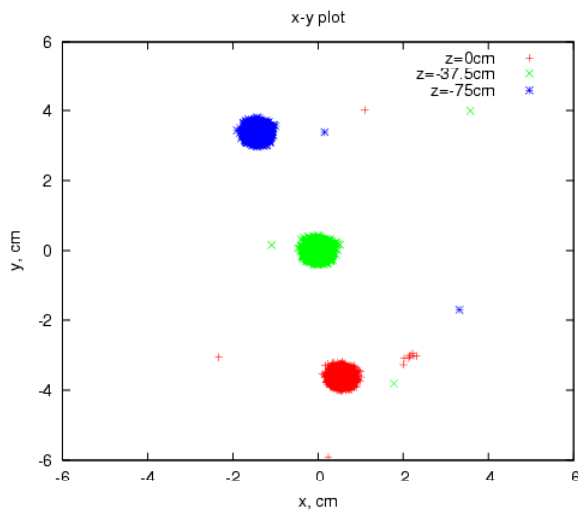
Comparison of Real Beam with Simple Gaussian Beam

X. Ding, D. Cline UCLA

H. Kirk, J. S. Berg, BNL

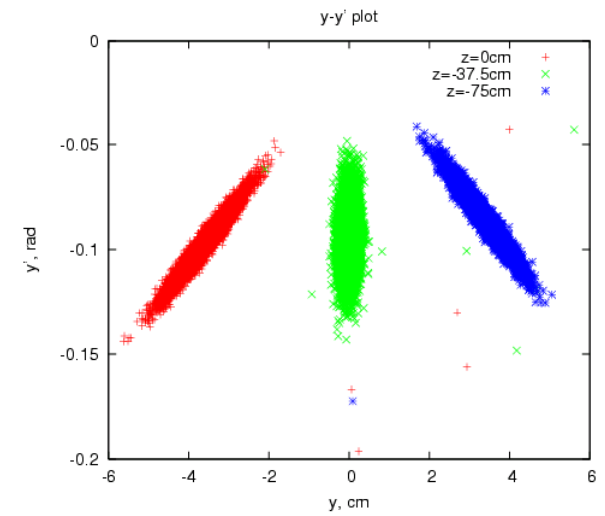
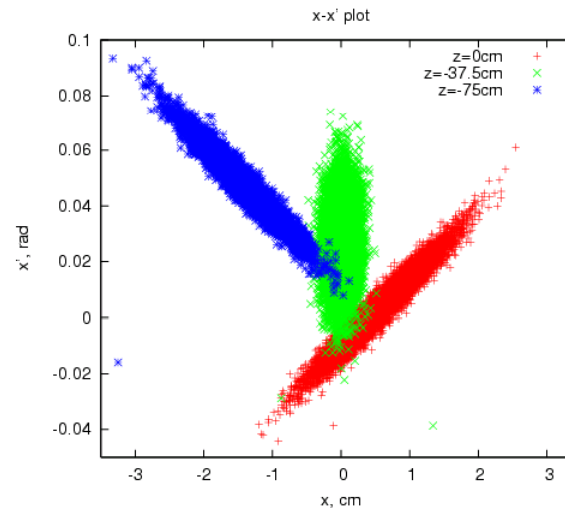
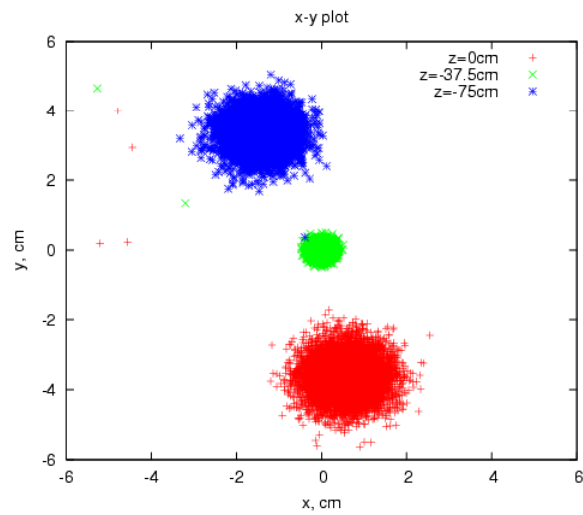
Phone Meeting, Sep. 8, 2009

Simple Gaussian Beam with Parameters Specified by INIT Card and BEAM Card



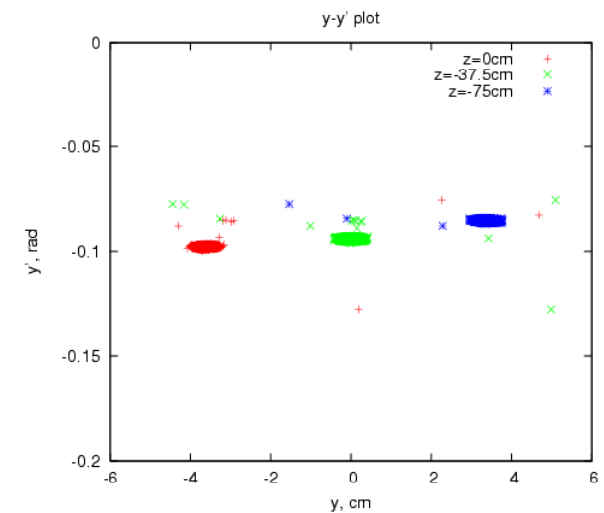
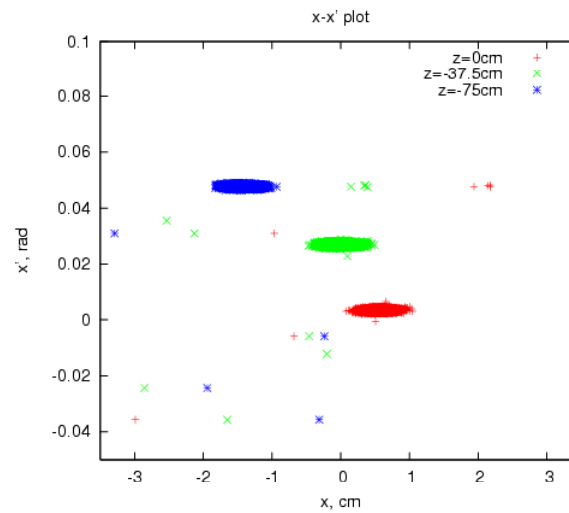
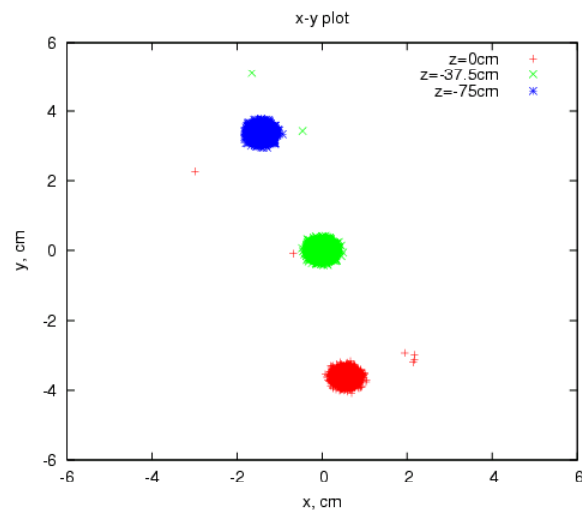
Real Beam

$(\alpha_x = \alpha_y = 0, \beta_x = \beta_y = 10 \text{ cm at } z = -37.5 \text{ cm})$



Real Beam

($\alpha_x = \alpha_y = 0, \beta_x = \beta_y = 300 \text{ cm}$ at $z = -37.5 \text{ cm}$)



Meson Production Comparison

(same spot size with $\sigma_x = \sigma_y = 0.12\text{cm}$ at $z=-37.5\text{cm}$)

