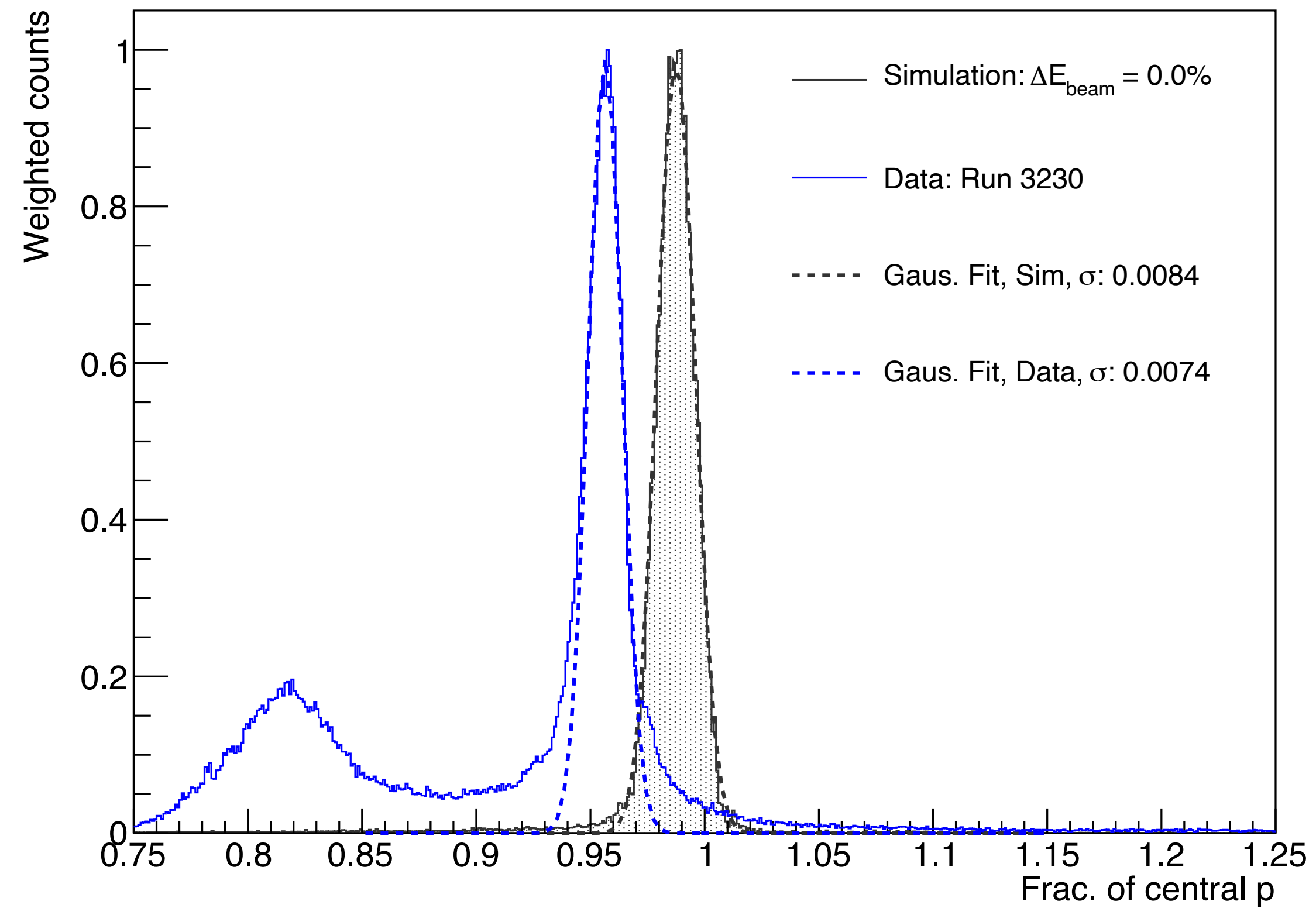


Last week: eC scattering simulation

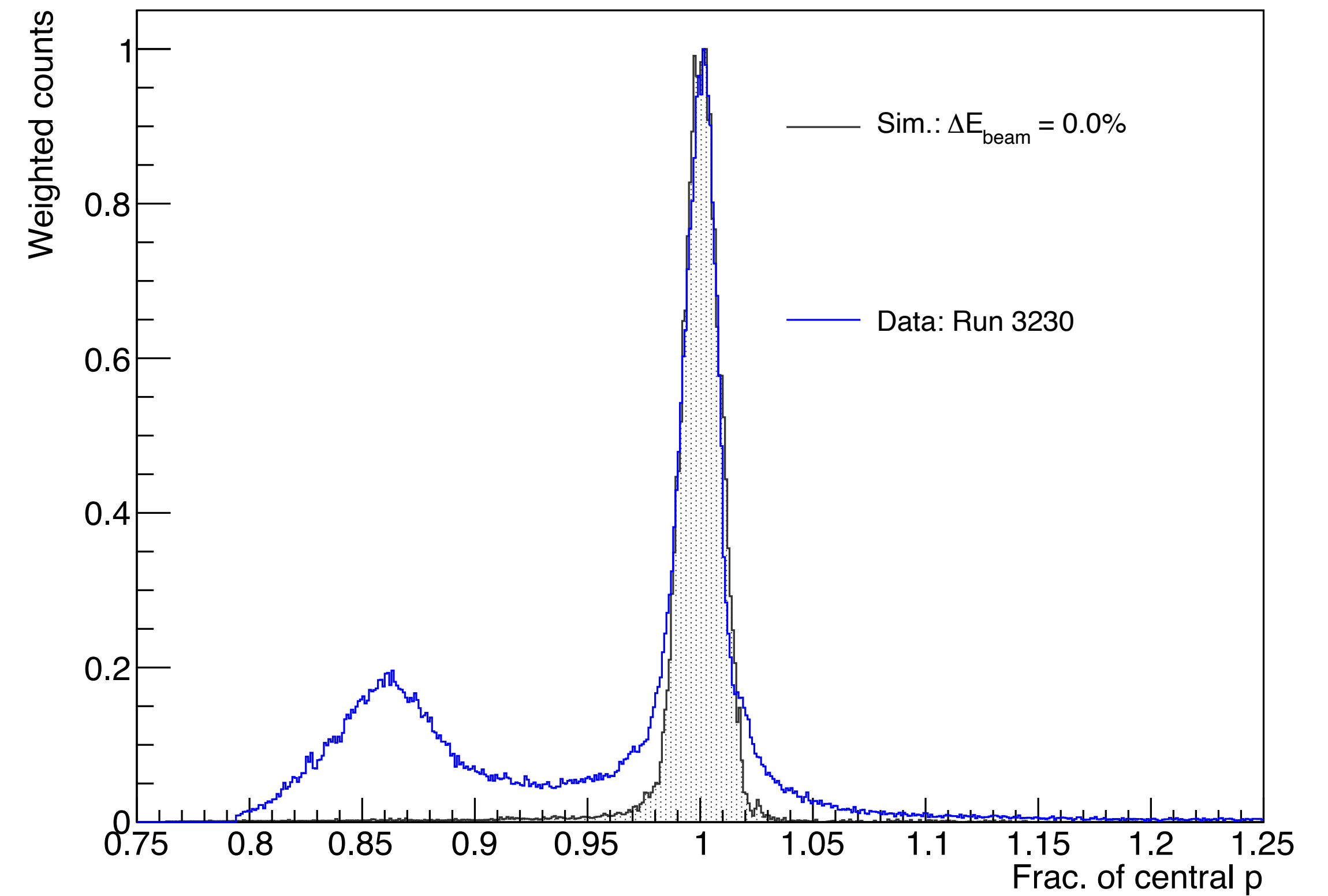
1

- ▶ 10x wider beam spot (ie. 3 mm sigma in x, 6.5 mm sigma in y)

Reconstructed Relative Momentum (Right Arm)

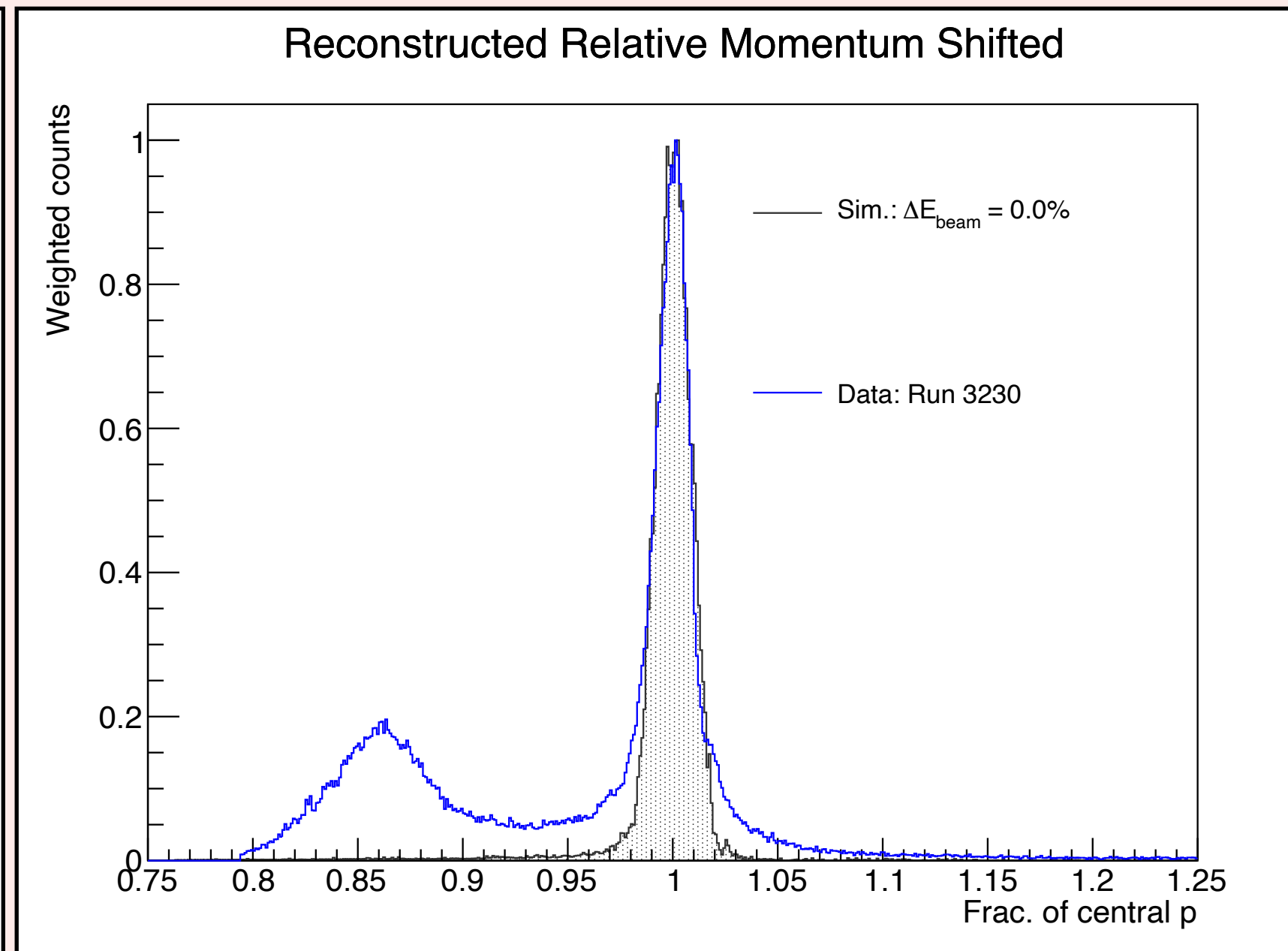
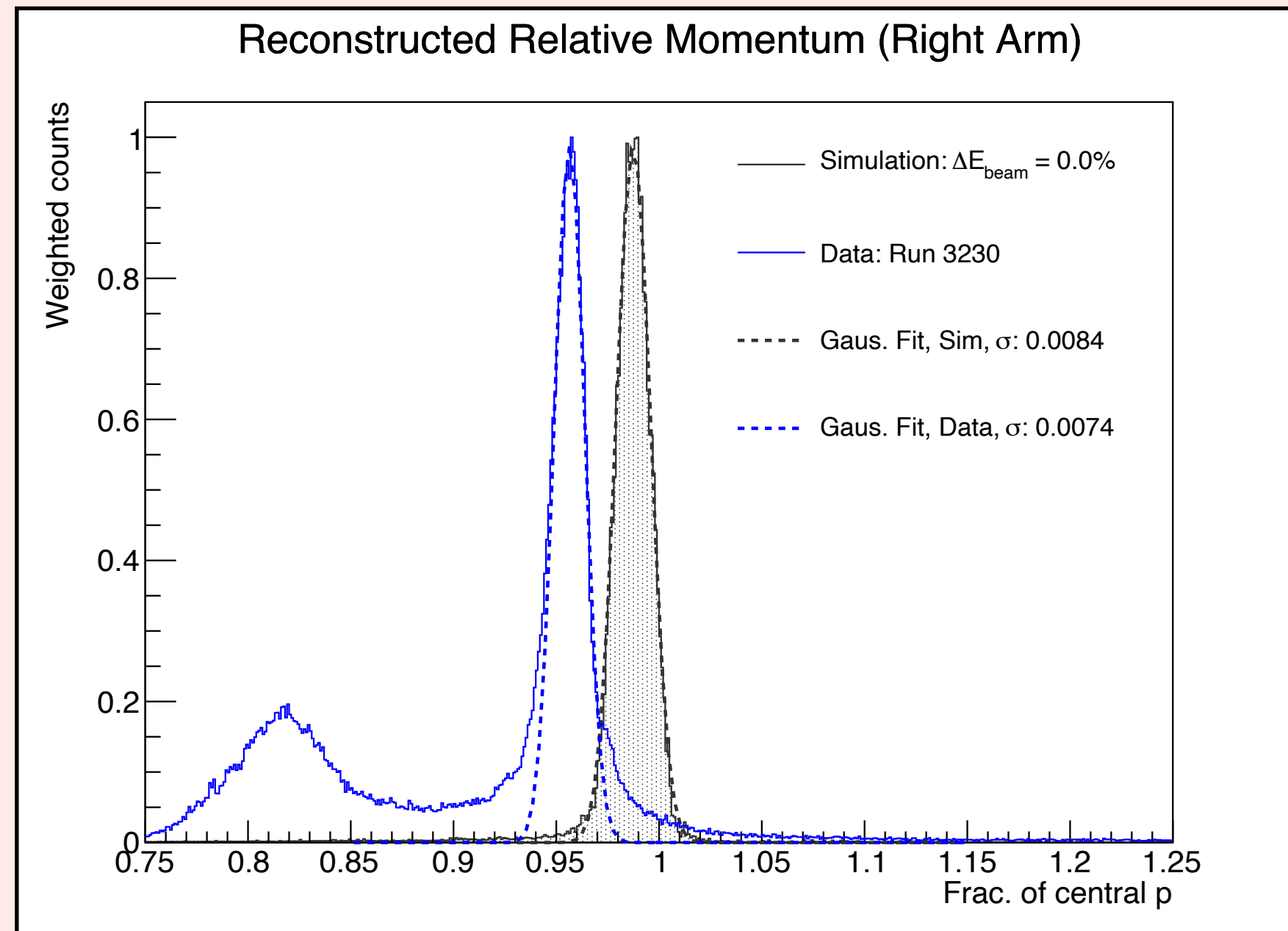


Reconstructed Relative Momentum Shifted

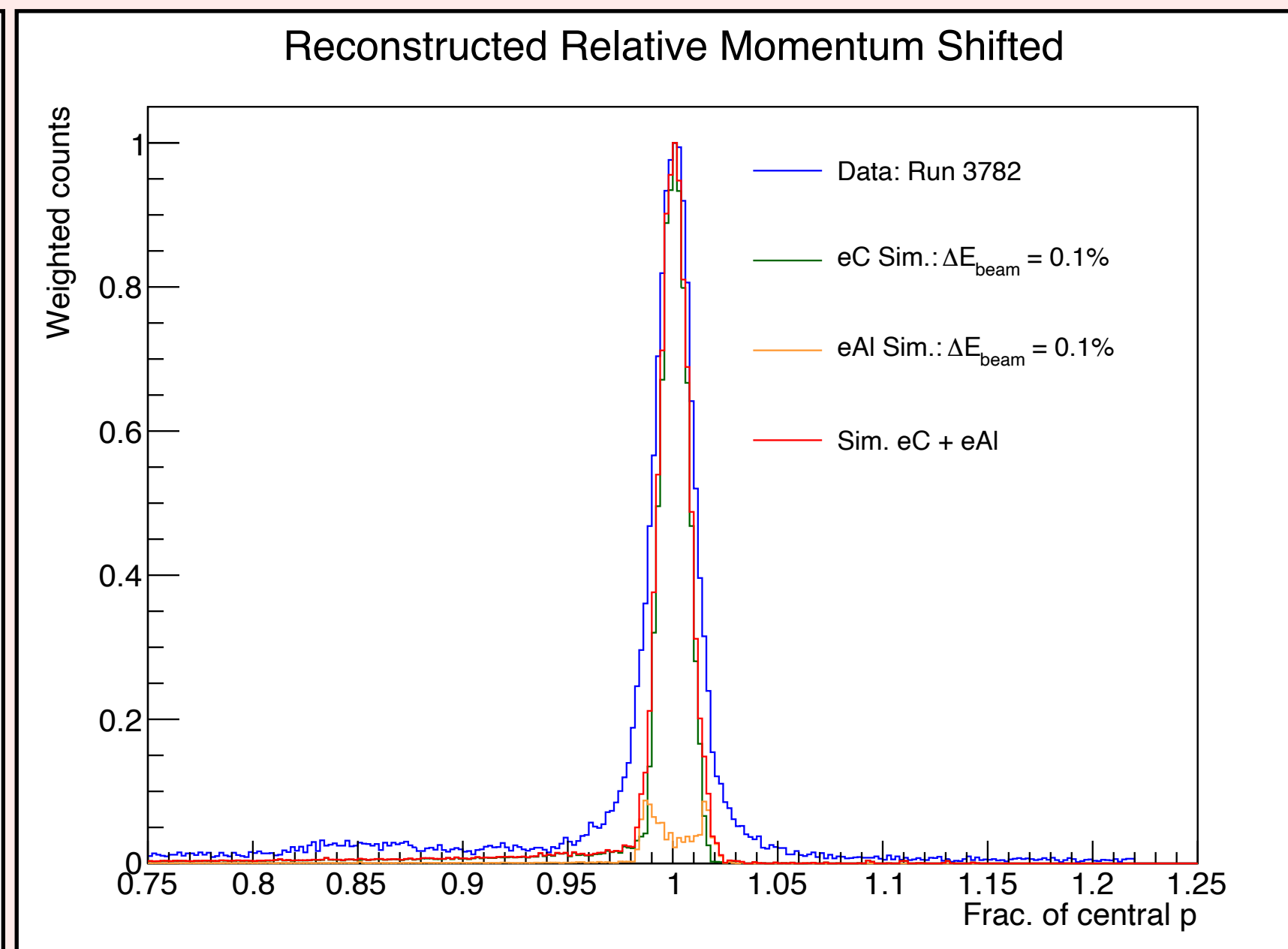
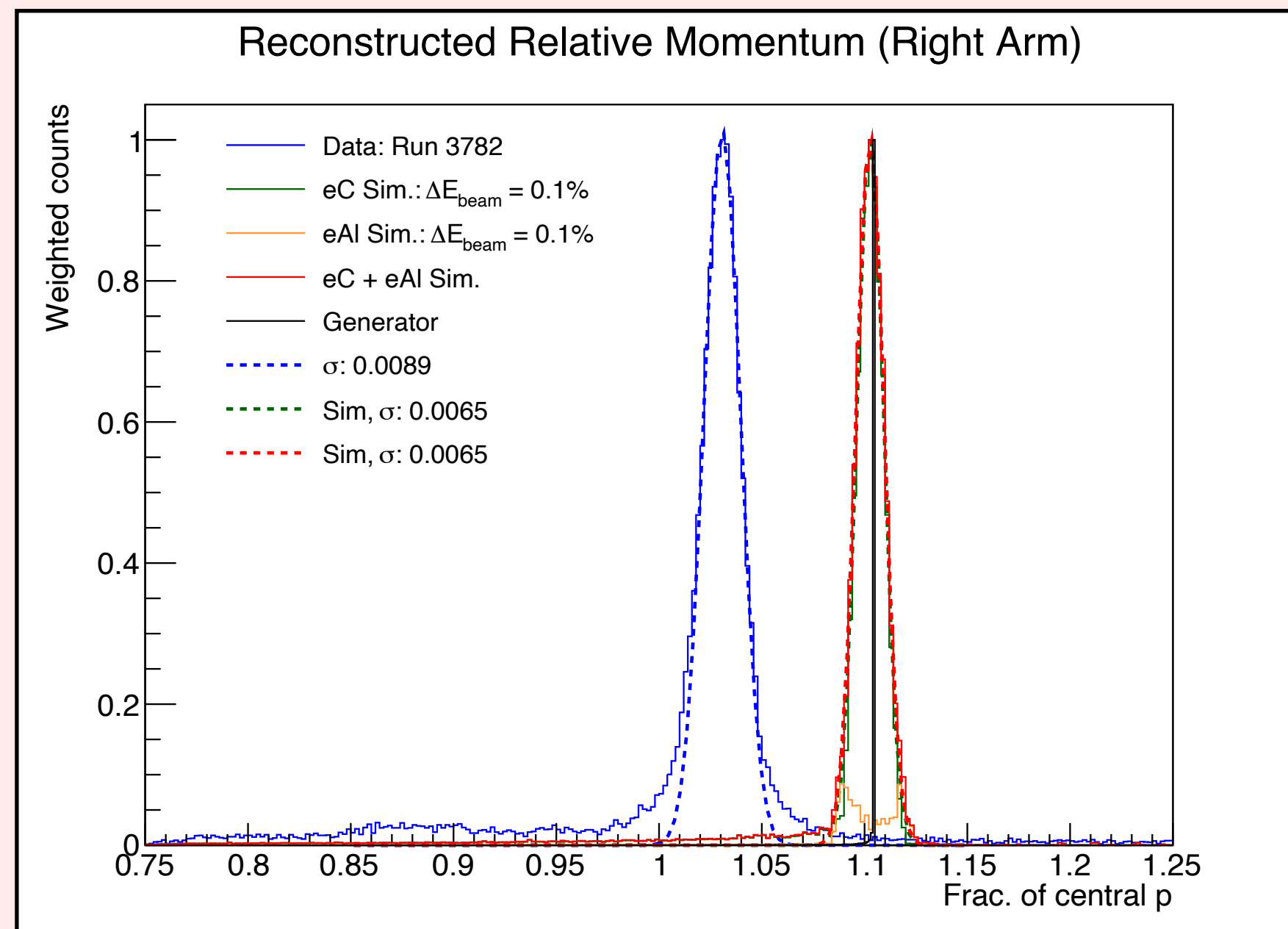


Updated simulation

2



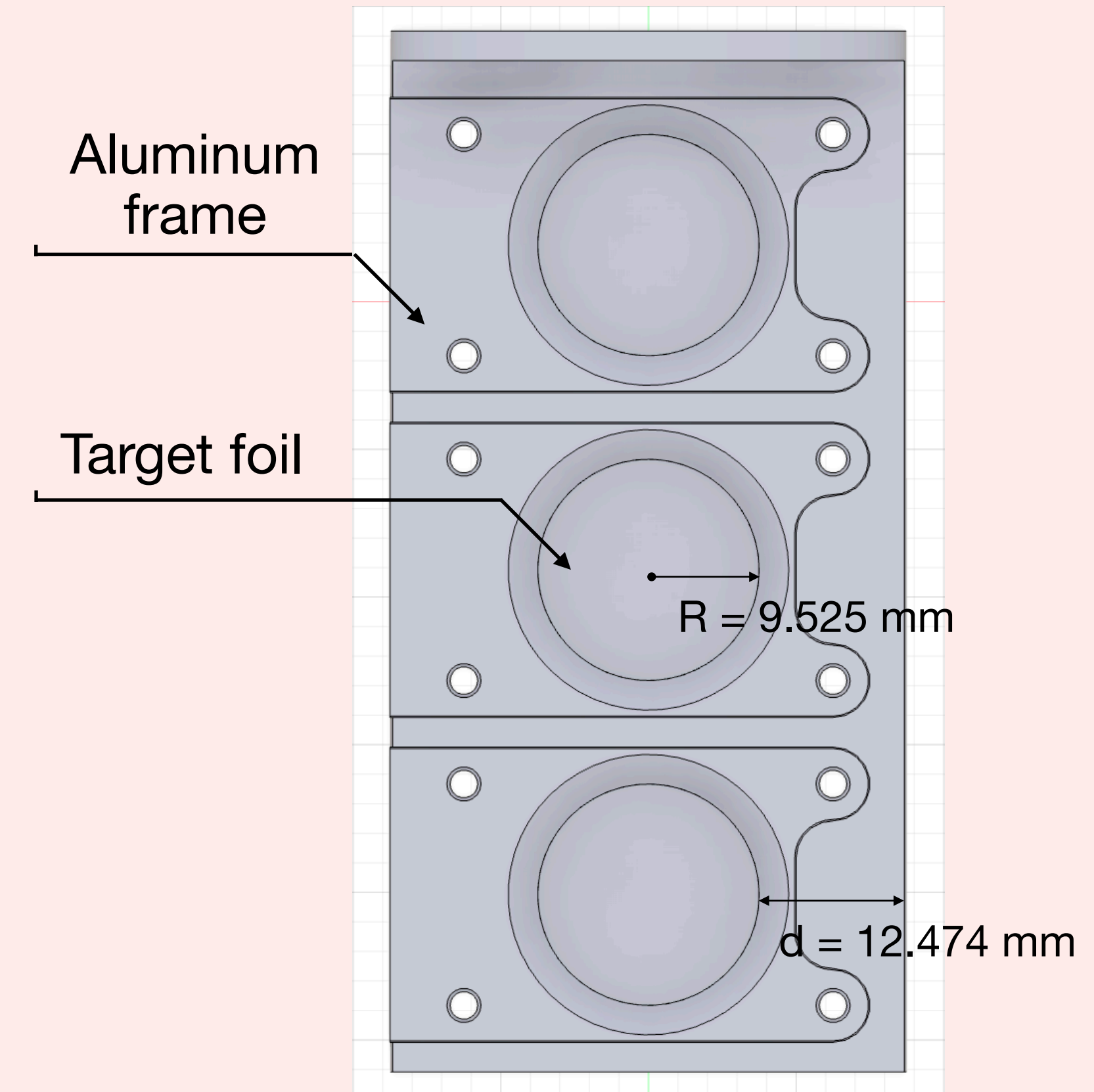
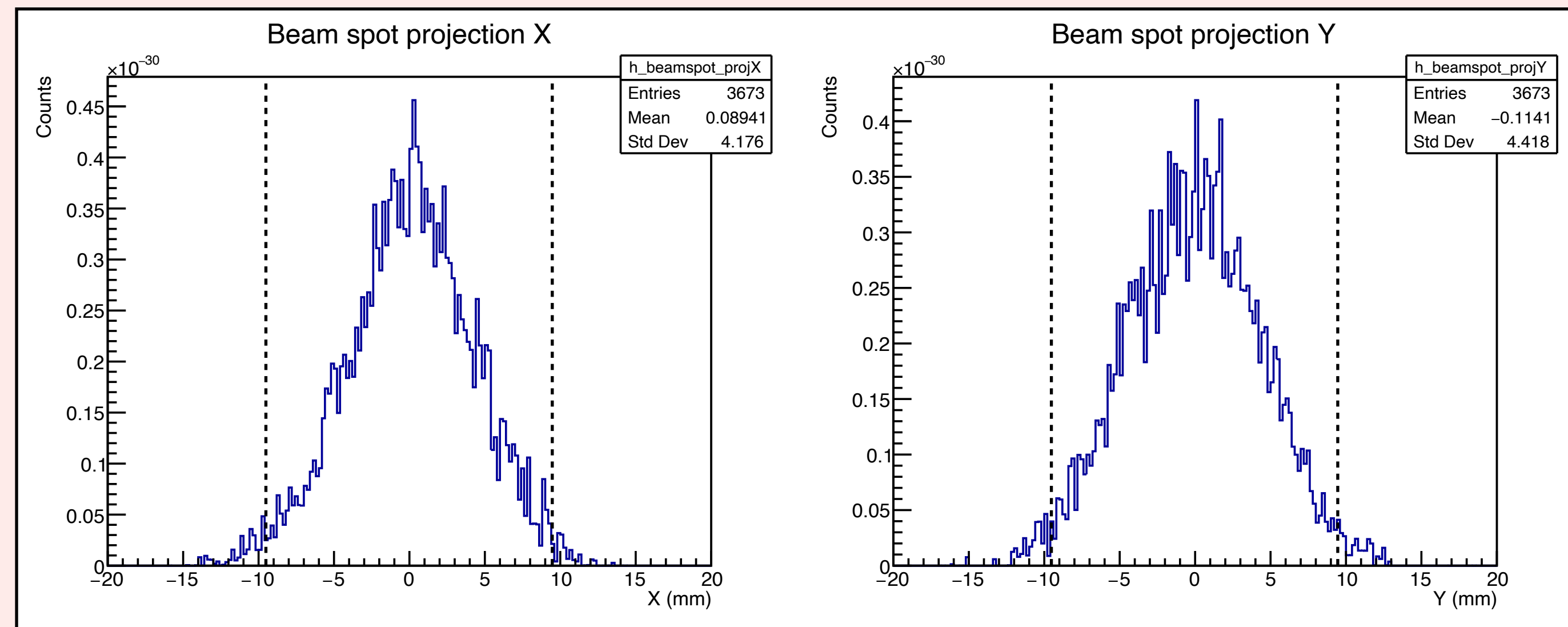
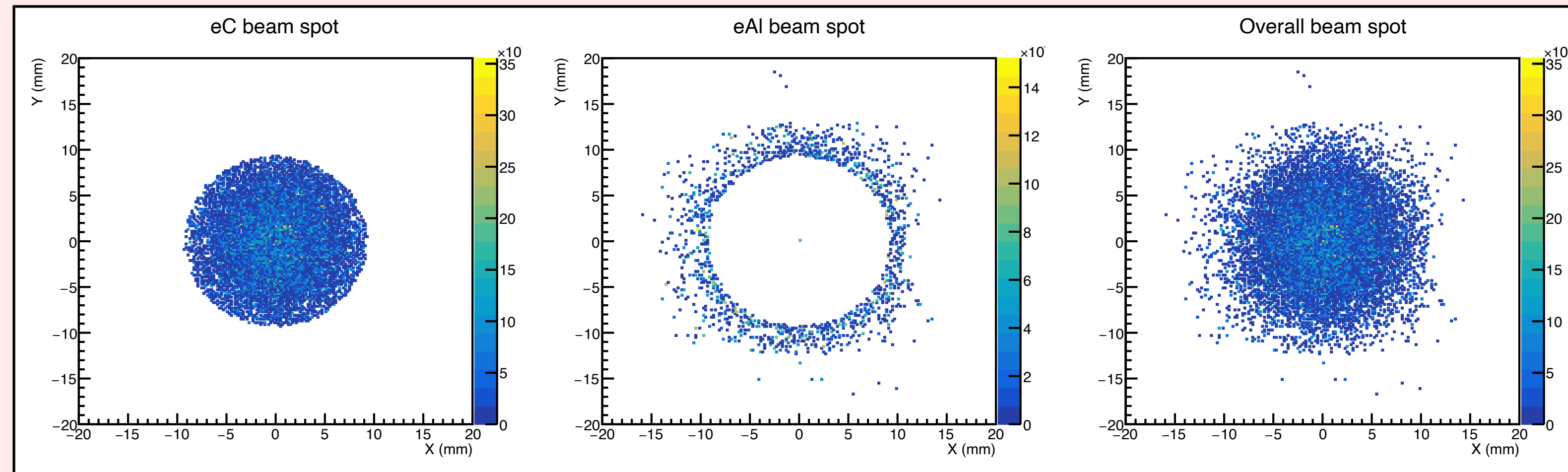
$$\sigma_x = 3 \text{ mm}, \sigma_y = 6.5 \text{ mm}$$

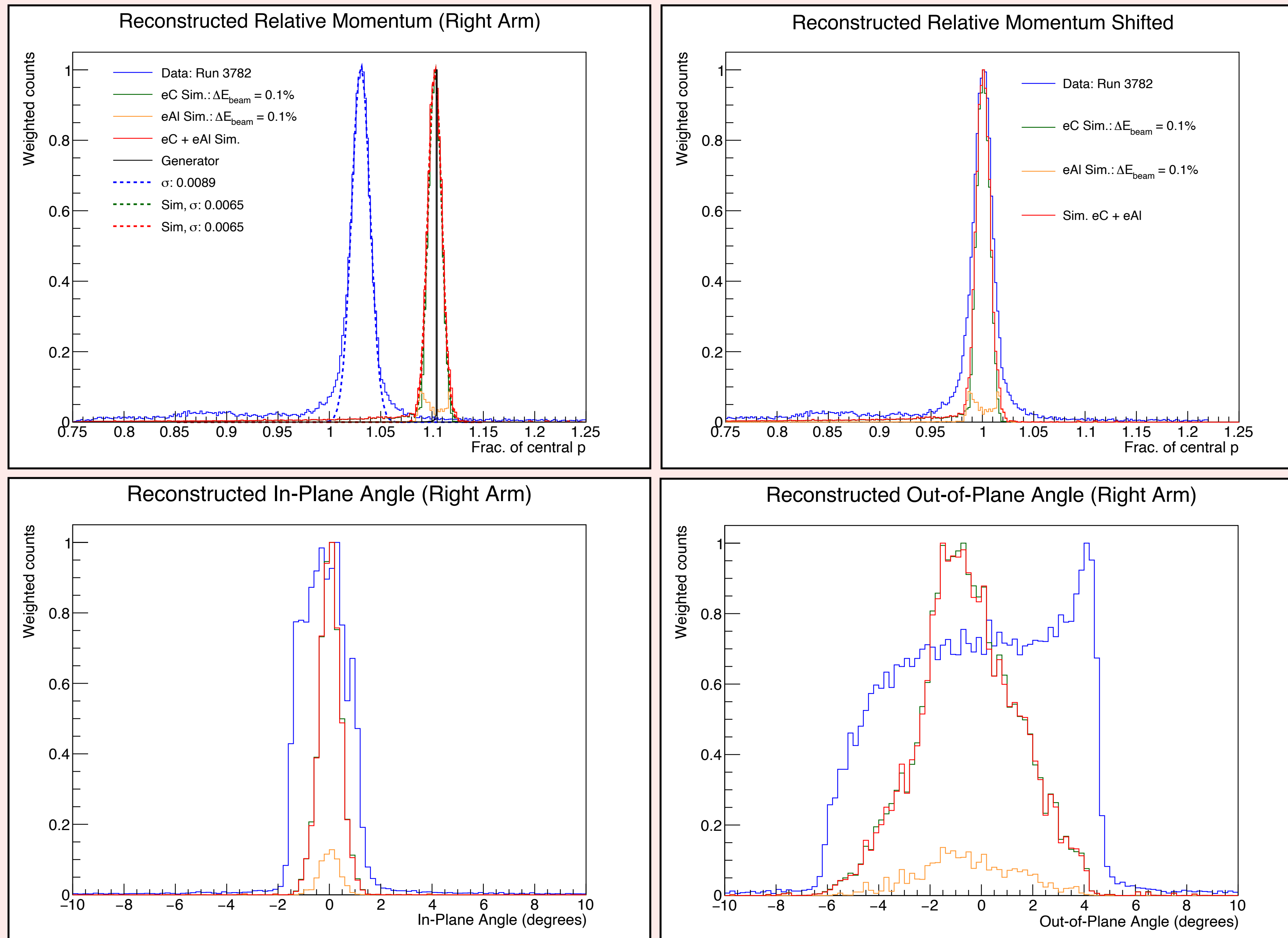


$$\sigma_x = 4.74 \text{ mm}, \sigma_y = 4.47 \text{ mm}$$

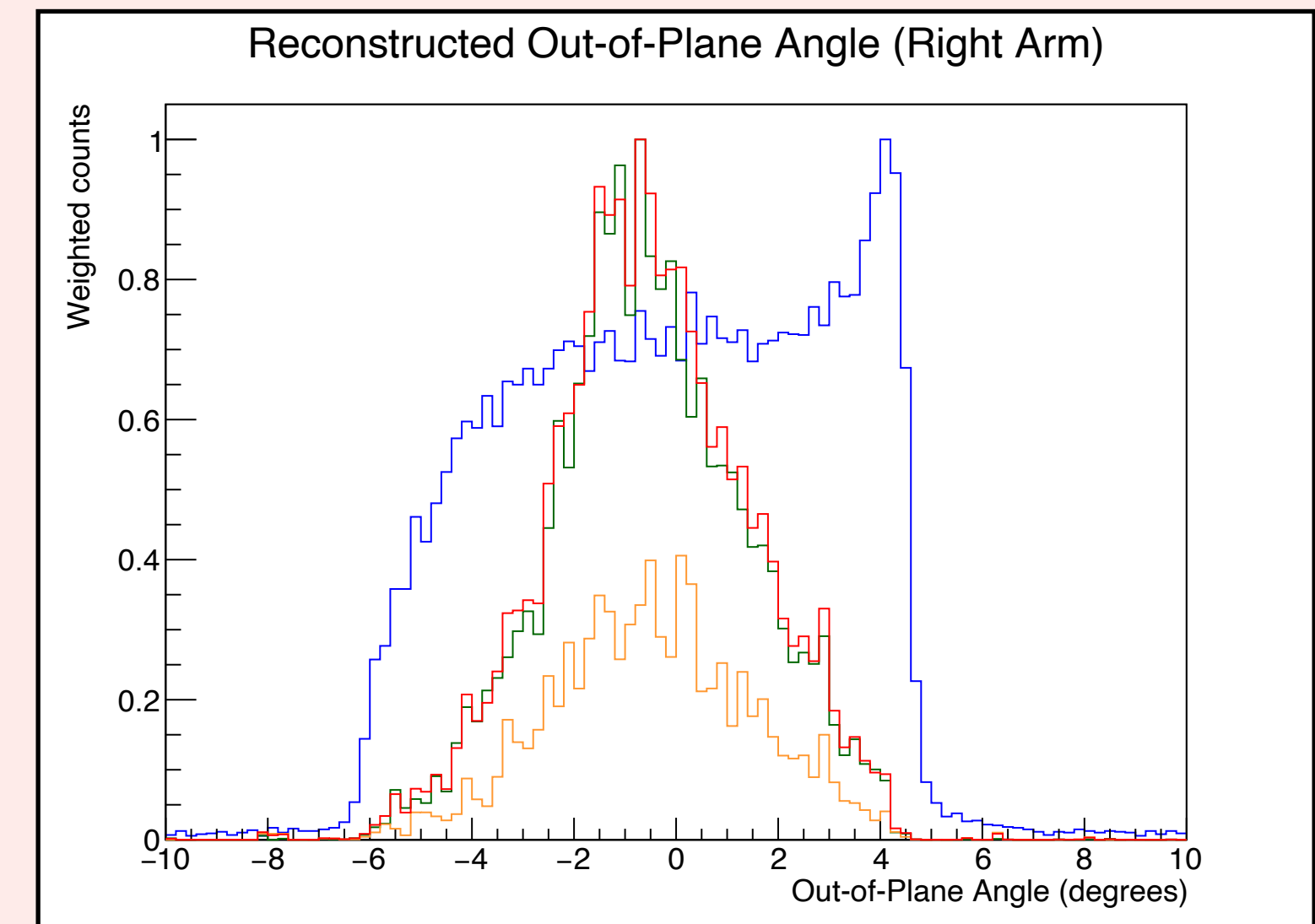
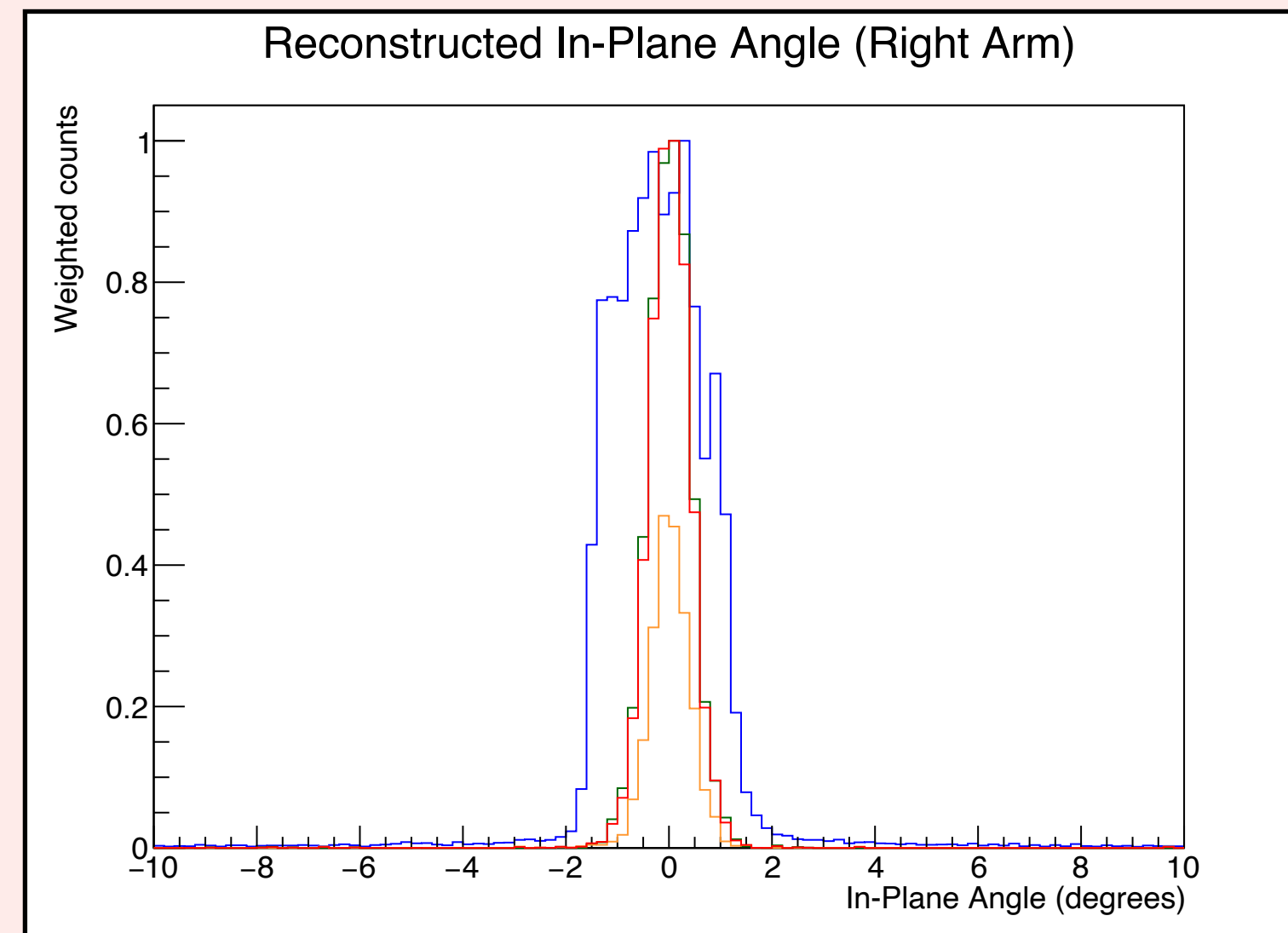
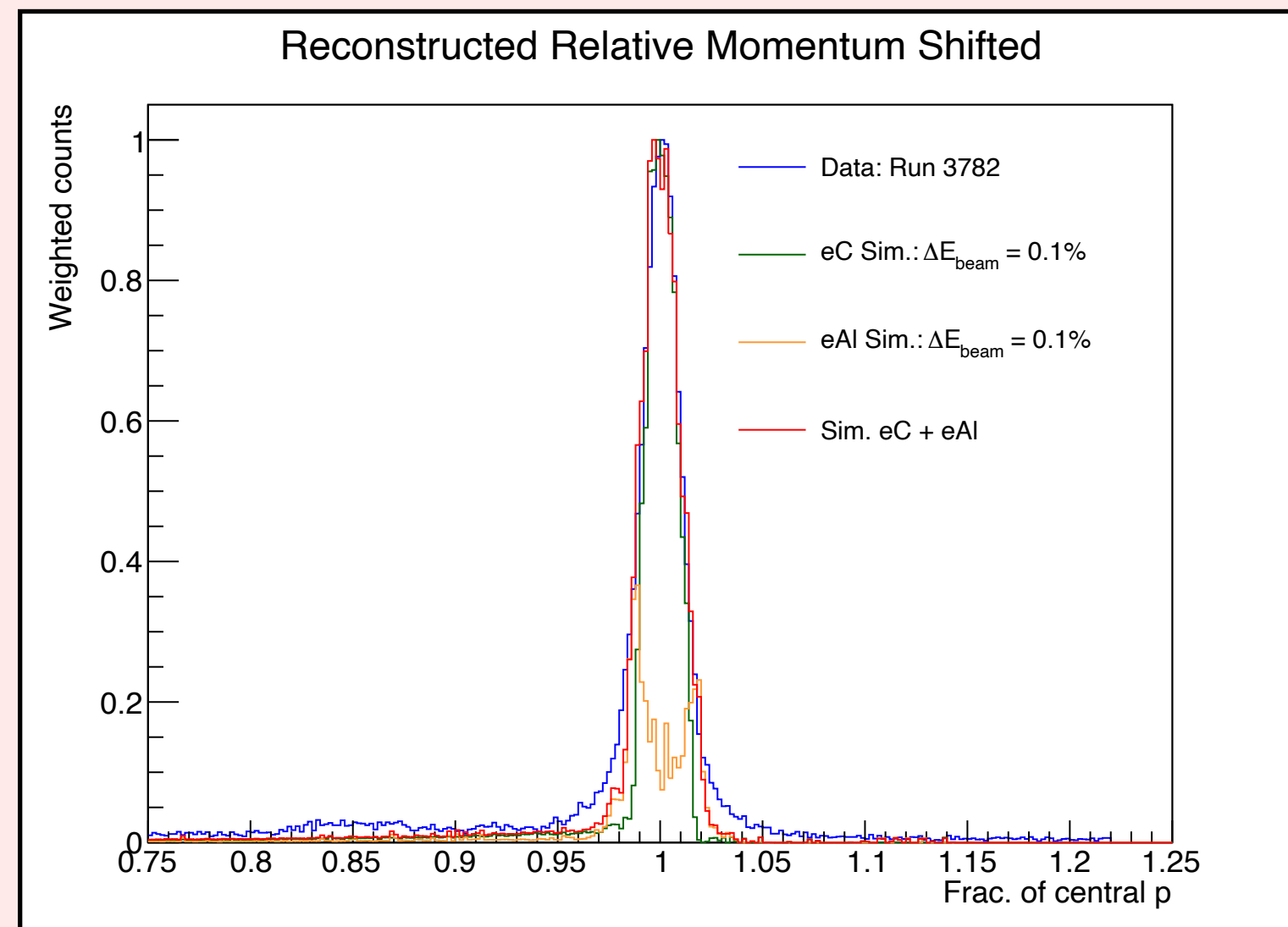
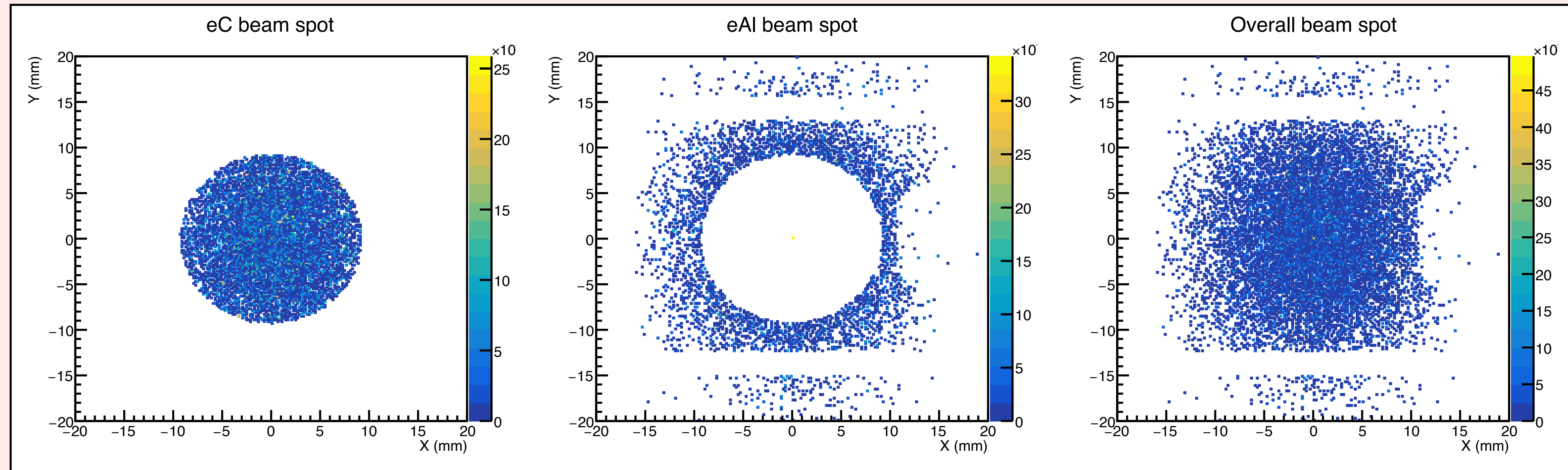
Generating eC and eAI events

3



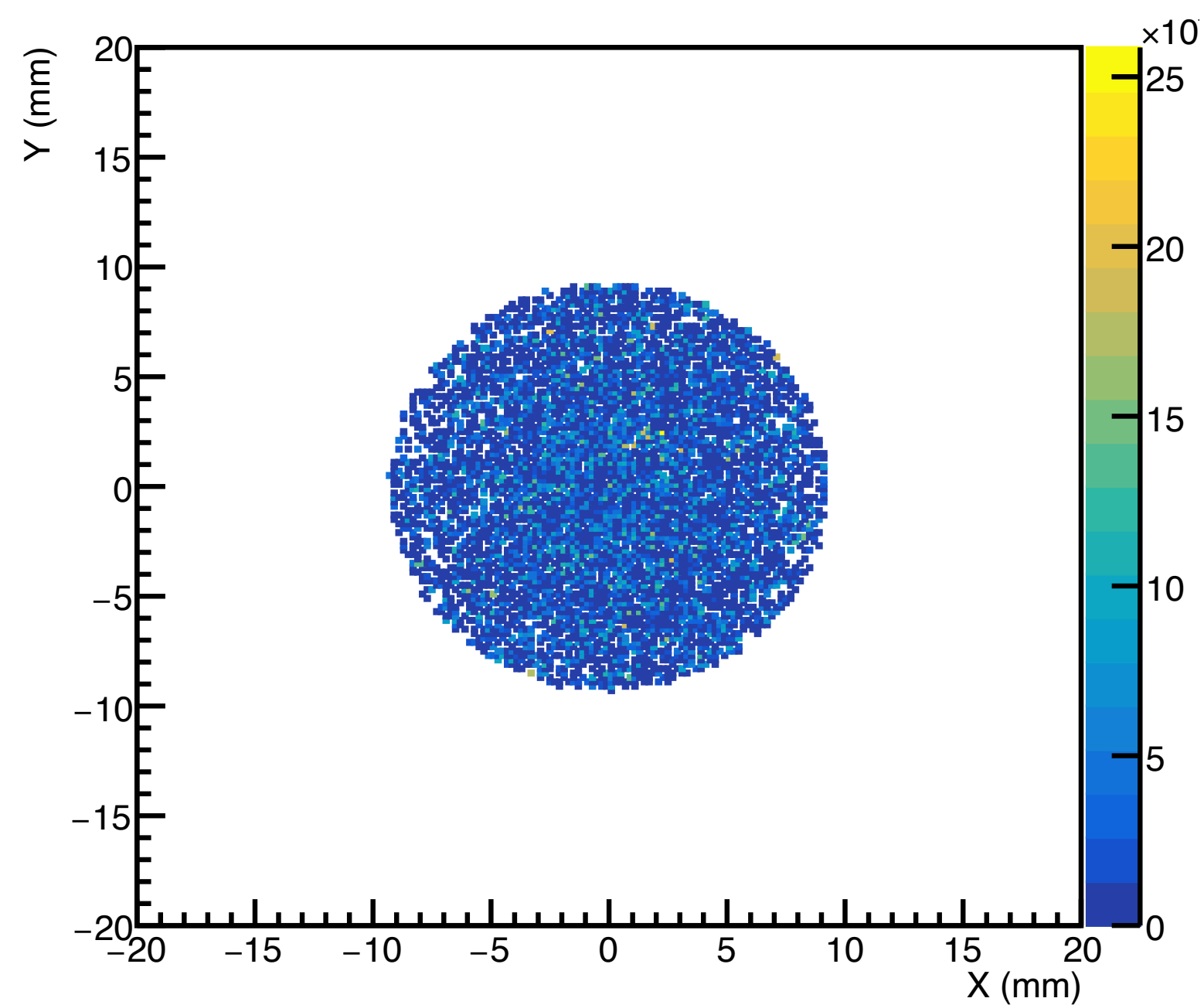


1.5x beamspot size

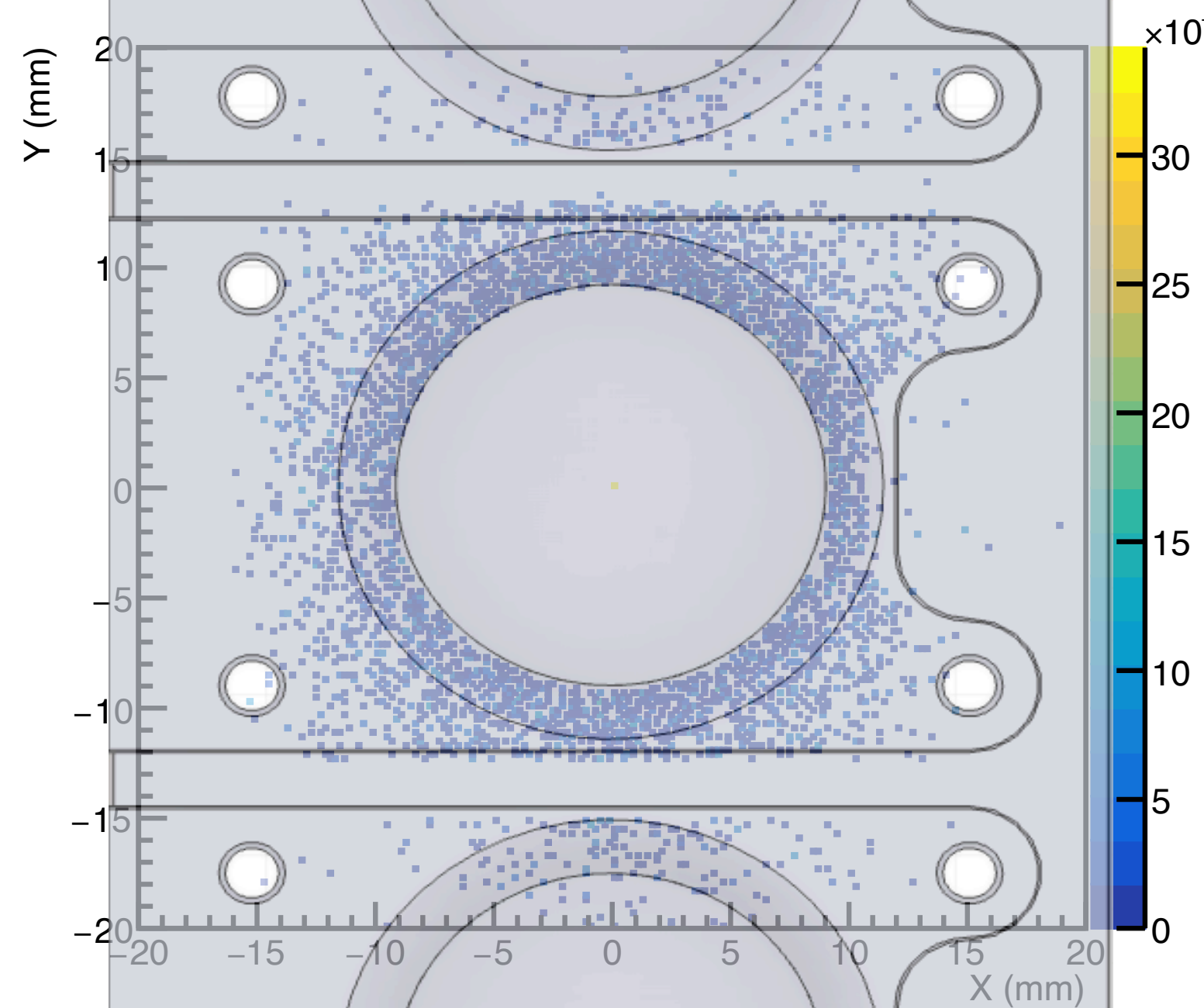


1.5x beamspot size

eC beam spot



eAl beam spot



Overall beam spot

