

# Angle/Offset Data Update

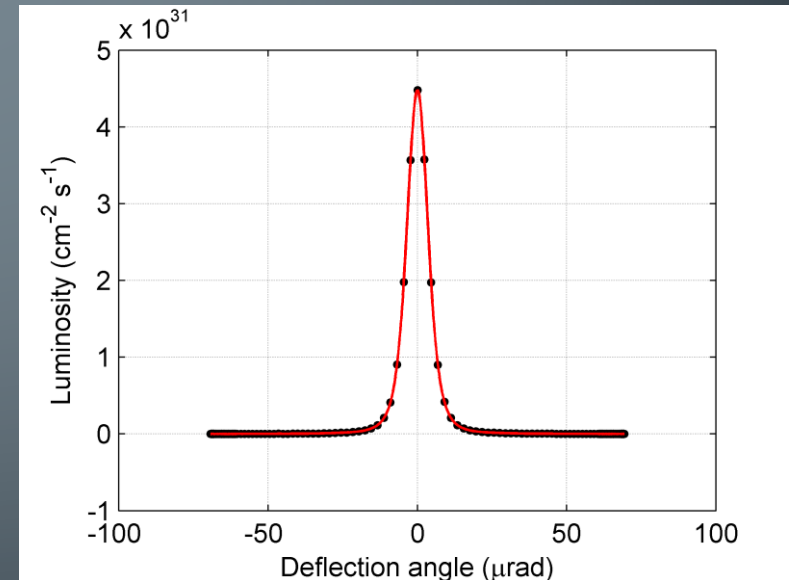
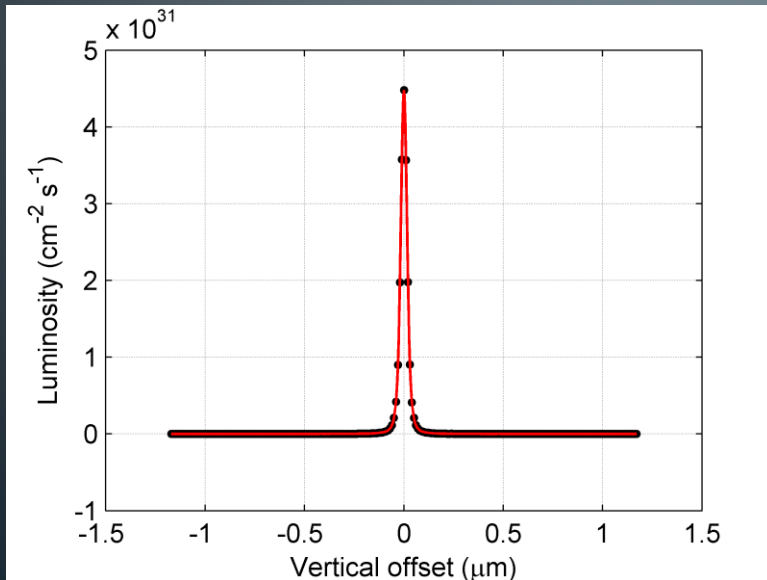
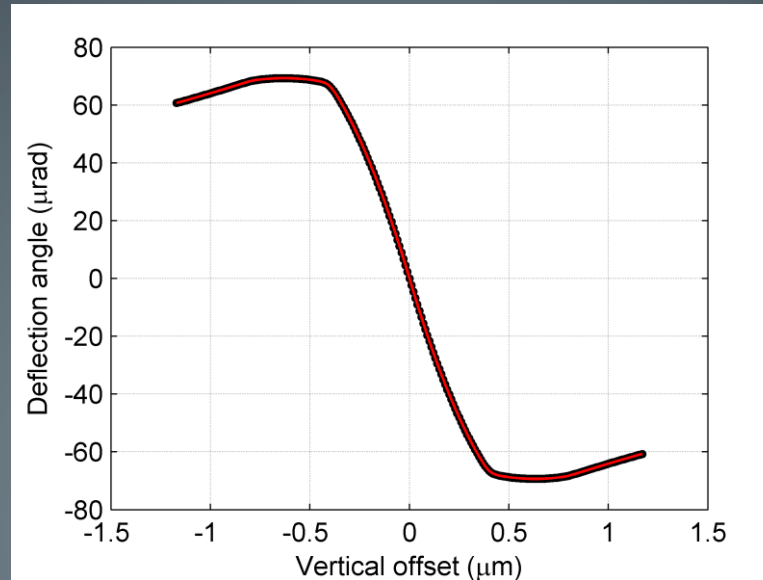
Life gave some lemons.

Ryan Bodenstein  
FONT Meeting  
2017/9/8

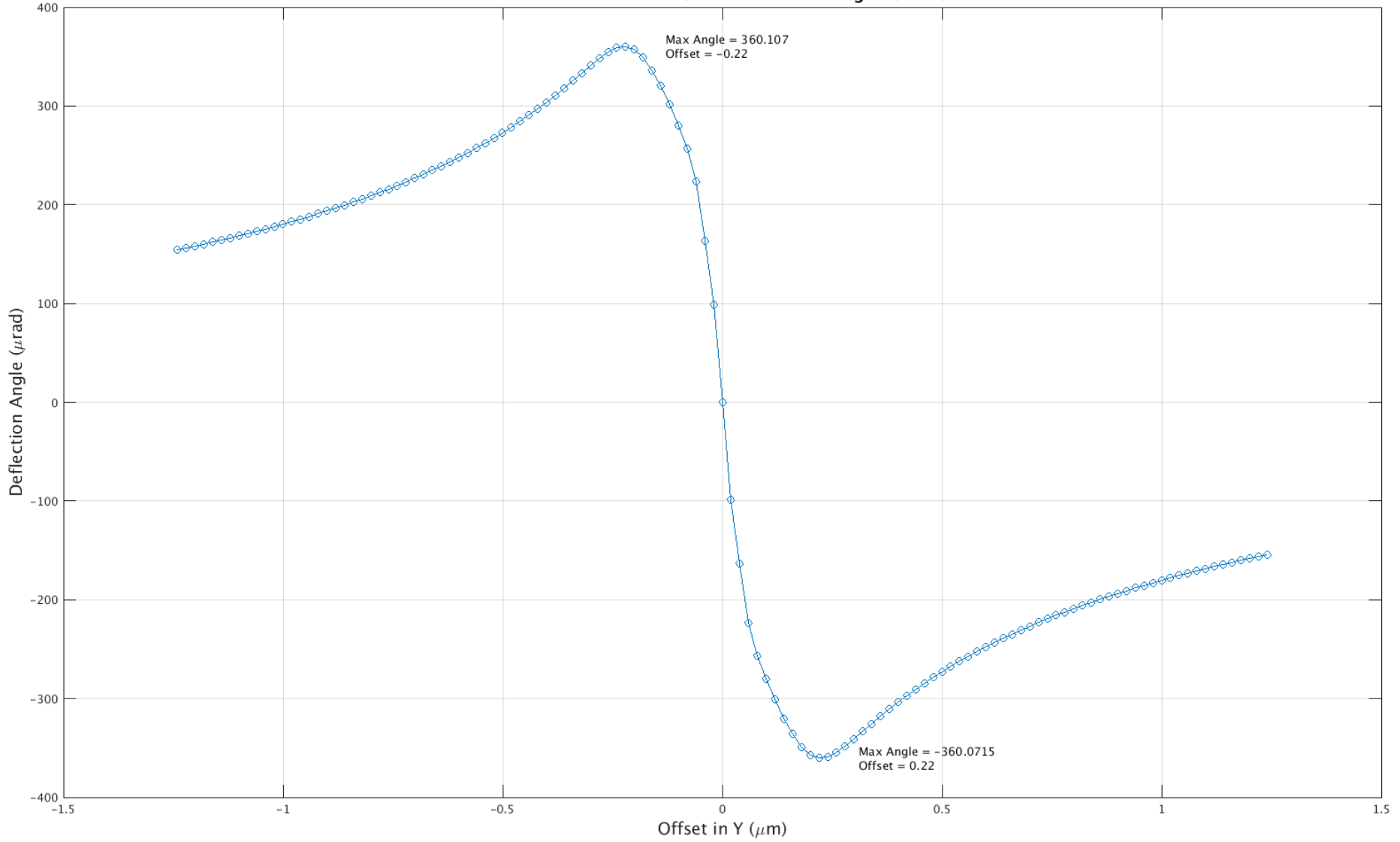
# Preview

- Still can't reach nominal Luminosity, but right order of magnitude.
  - Tried Glen White's settings
  - Tried adjusting the inner workings of the code
  - Tried beating my head against the computer screen
  - May have cried a little

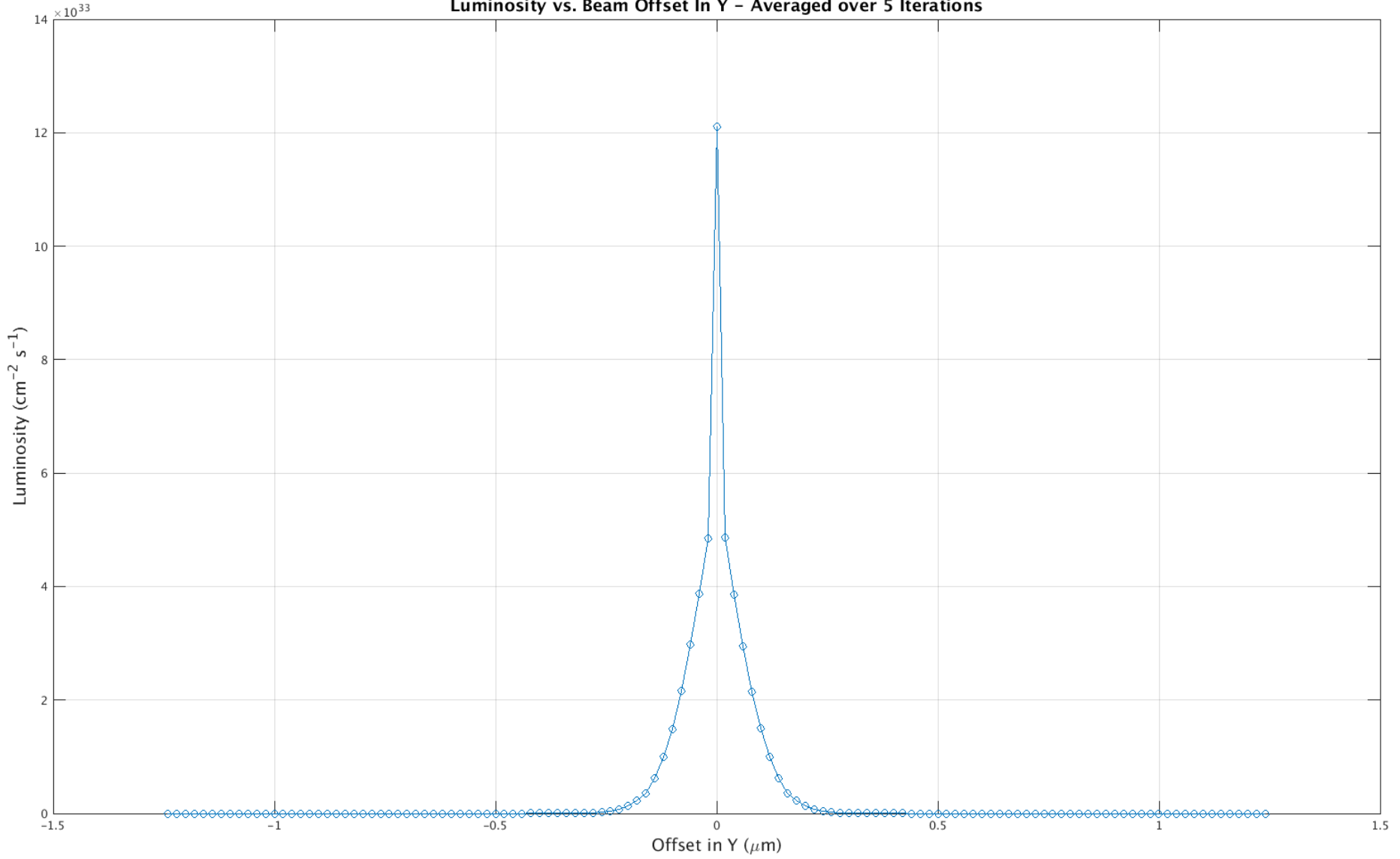
# Plots courtesy of Neven:



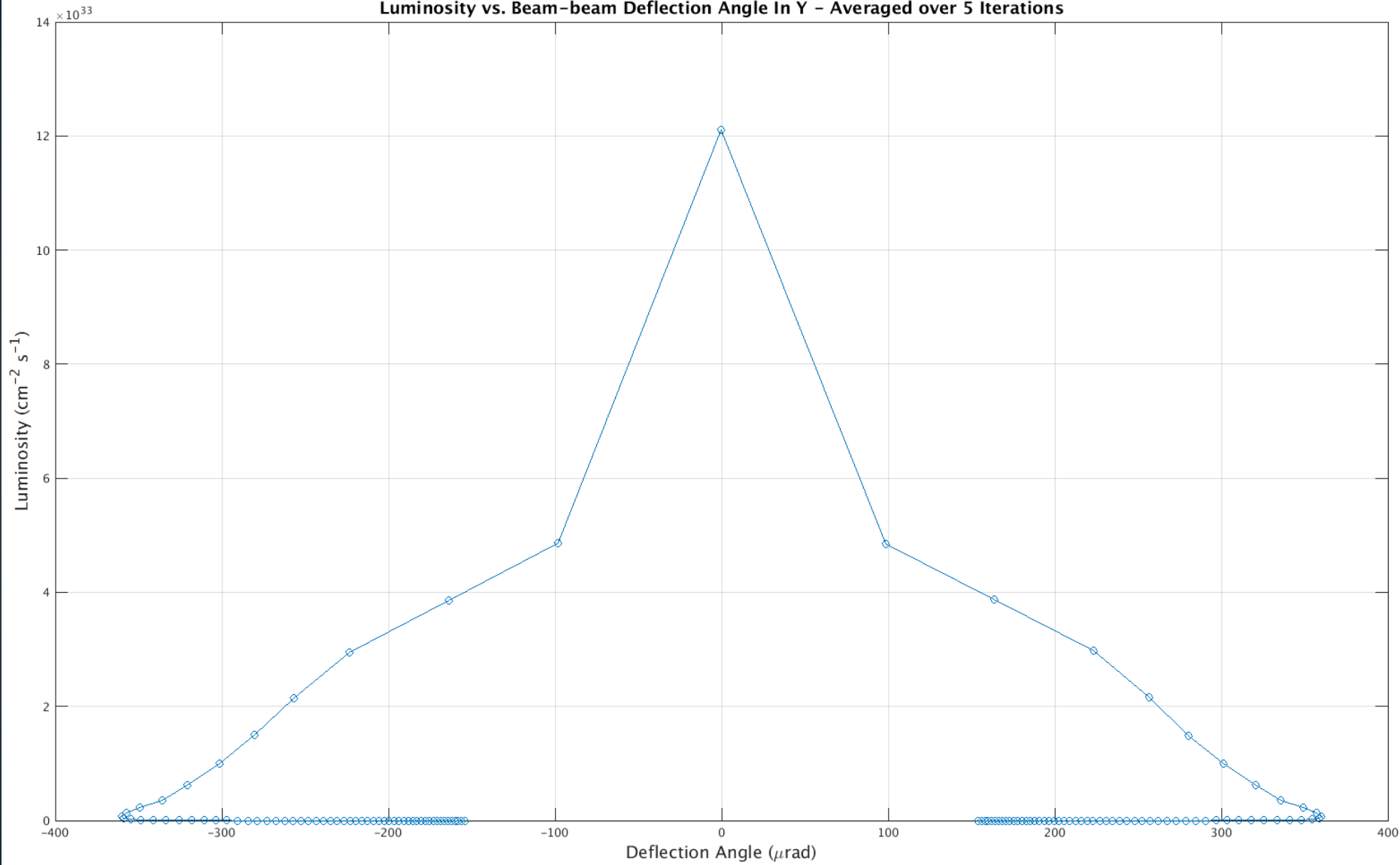
Beam-beam Deflection Due To Offsets In Y - Averaged Over 5 Iterations



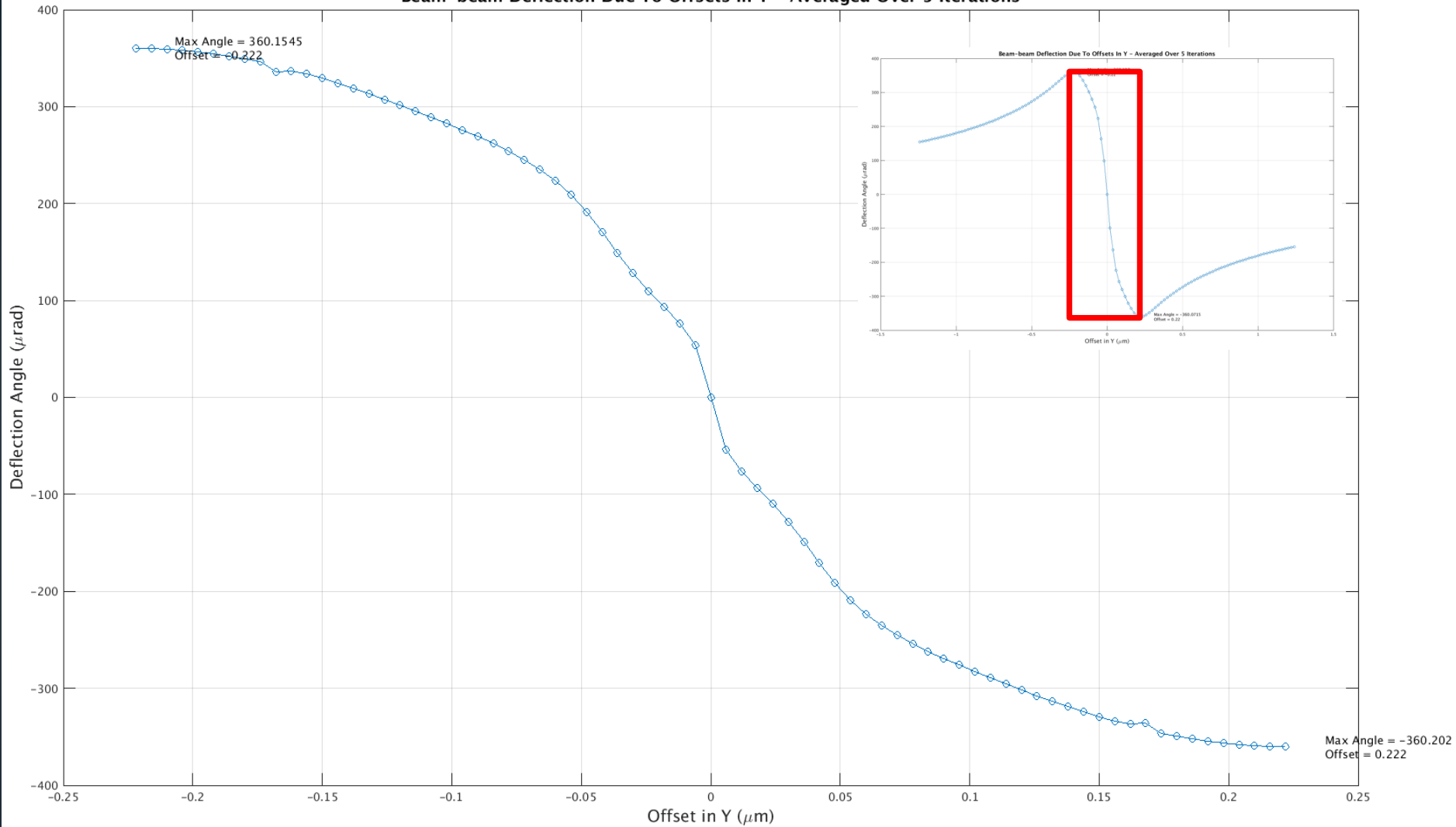
Luminosity vs. Beam Offset In Y - Averaged over 5 Iterations



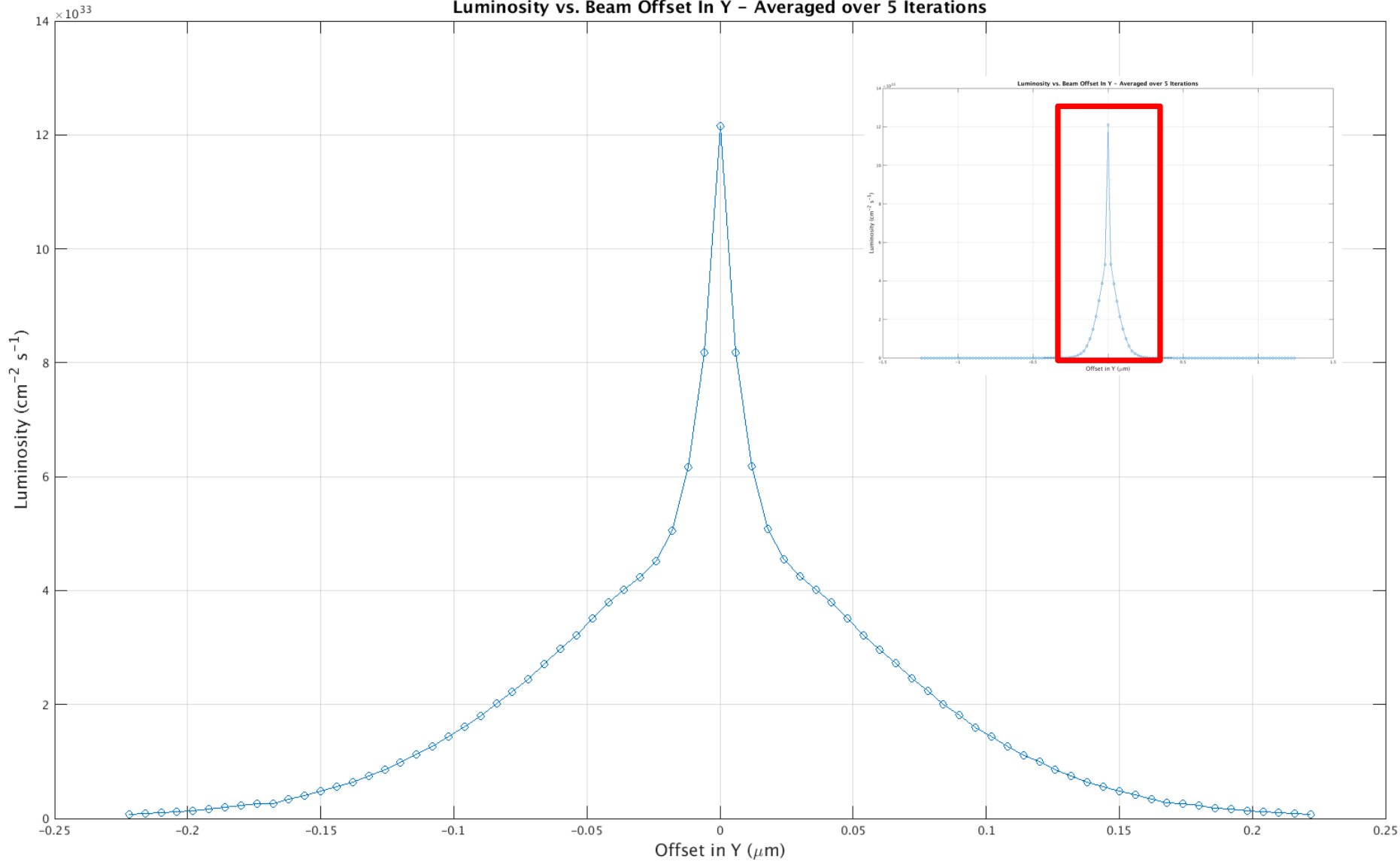
Luminosity vs. Beam-beam Deflection Angle In Y - Averaged over 5 Iterations



Beam-beam Deflection Due To Offsets In Y - Averaged Over 5 Iterations

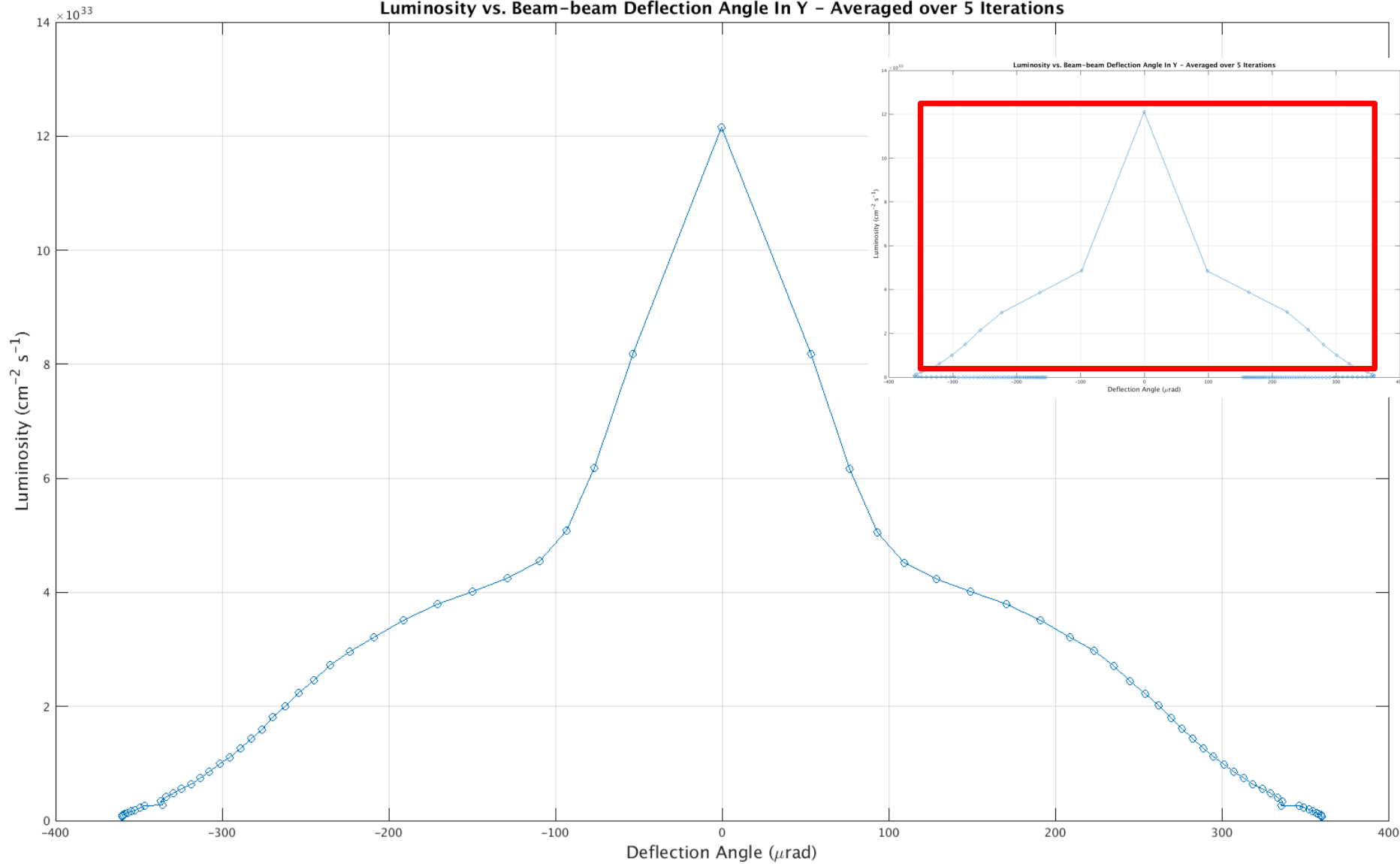


Luminosity vs. Beam Offset In Y – Averaged over 5 Iterations

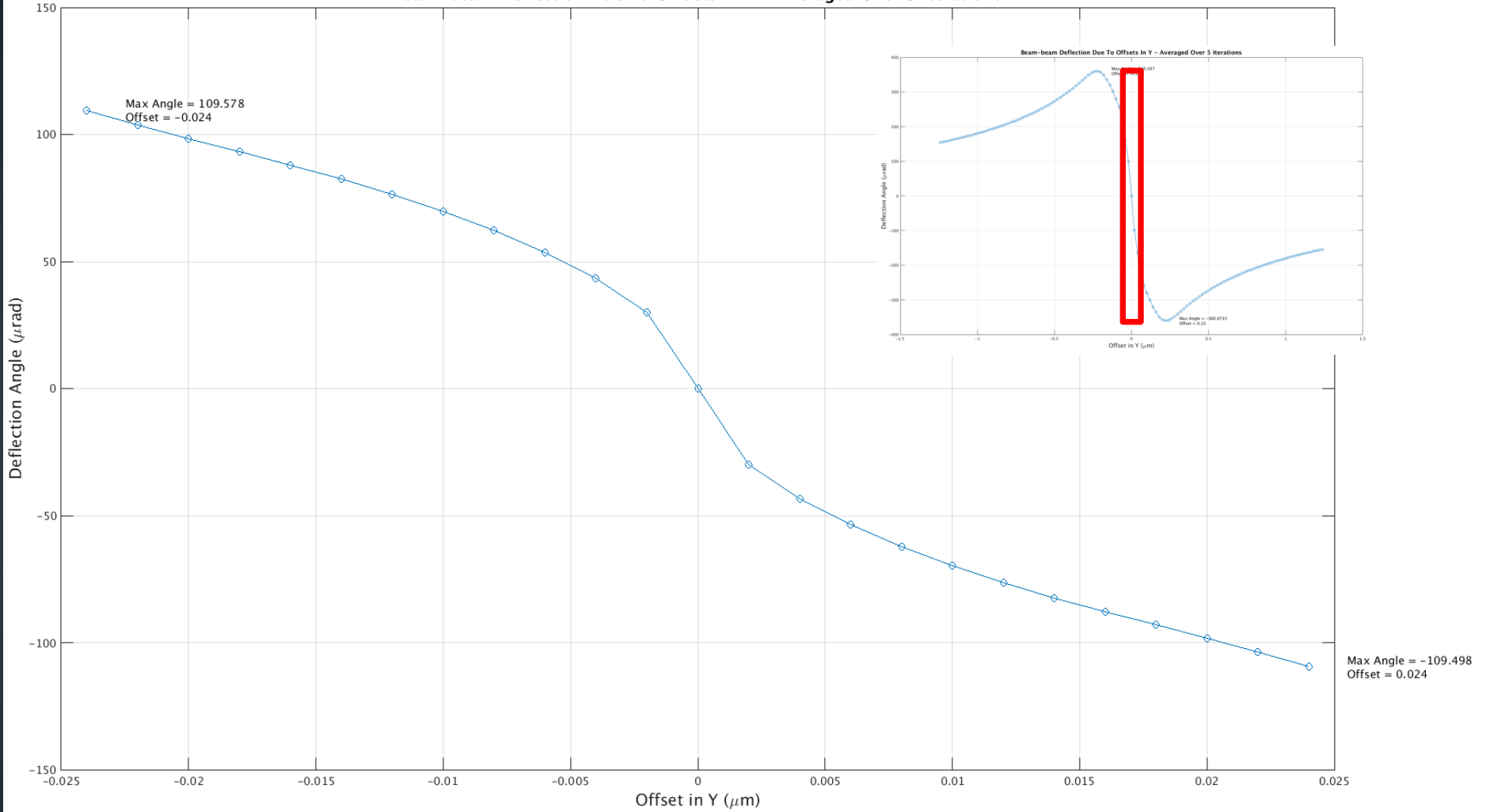


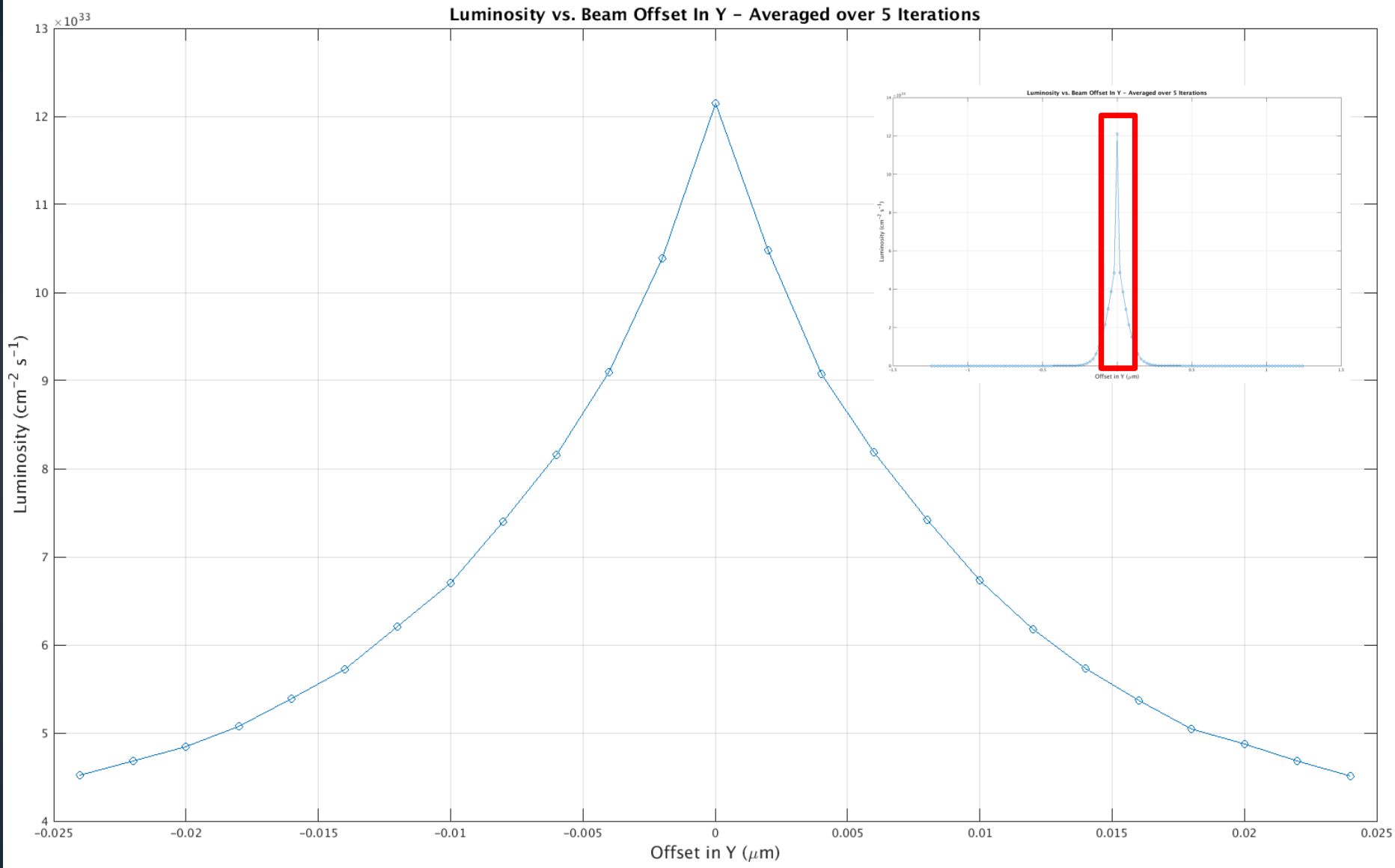


Luminosity vs. Beam-beam Deflection Angle In Y - Averaged over 5 Iterations



Beam-beam Deflection Due To Offsets In Y - Averaged Over 5 Iterations





Luminosity vs. Beam-beam Deflection Angle In Y - Averaged over 5 Iterations

