

# AC-LGAD Plot Dump

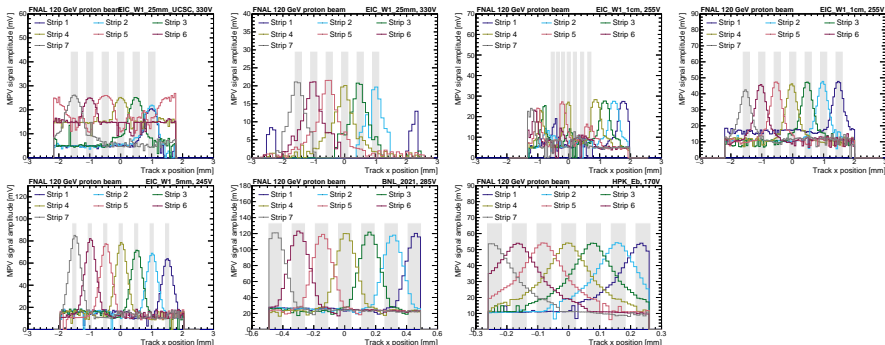
Chris Madrid

Fermi National Accelerator Laboratory

April 5, 2022

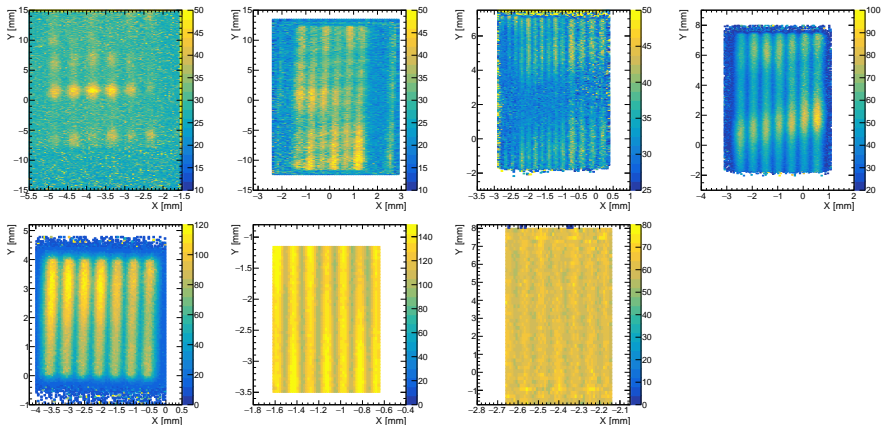


# Amplitude vs. X



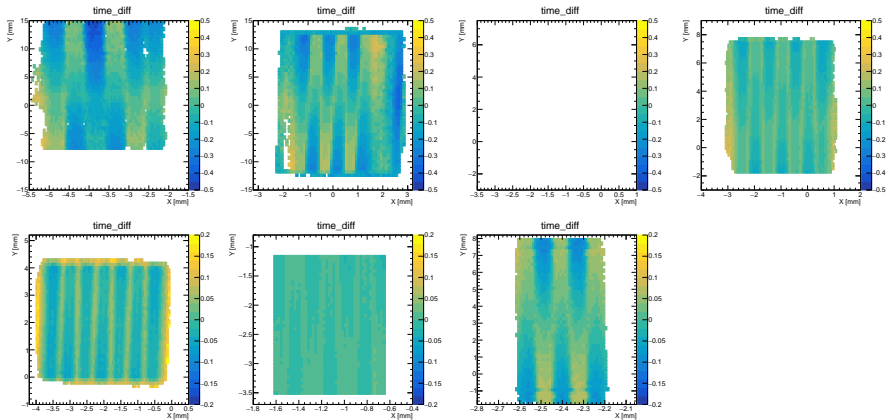
EIC W1 2p5cm UCSC 330V, EIC W1 2p5cm 215V, EIC W1 1cm all multiPitch 240V, EIC W1 1cm 255V, EIC W1 0p5cm 500um 300um gap 1 4 245V, BNL2021 2022 medium 285V, HPK strips Eb 45um 170V,

# Amplitude vs. XY



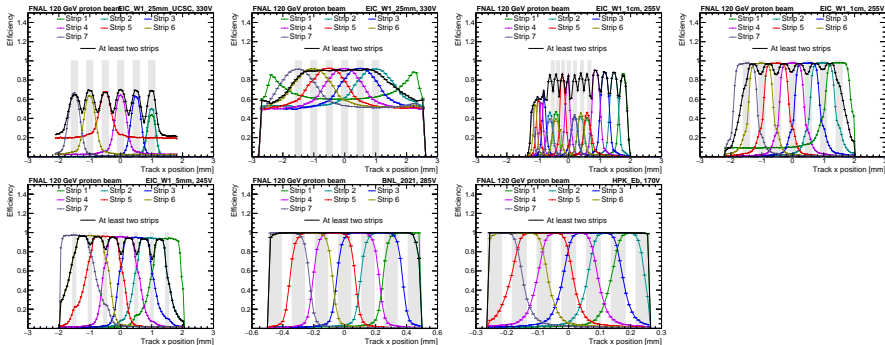
EIC W1 2p5cm UCSC 330V, EIC W1 2p5cm 215V, EIC W1 1cm all multiPitch 240V, EIC W1 1cm 255V,  
EIC W1 0p5cm 500um 300um gap 1 4 245V, BNL2021 2022 medium 285V, HPK strips Eb 45um 170V,

# Time Stamp vs. XY



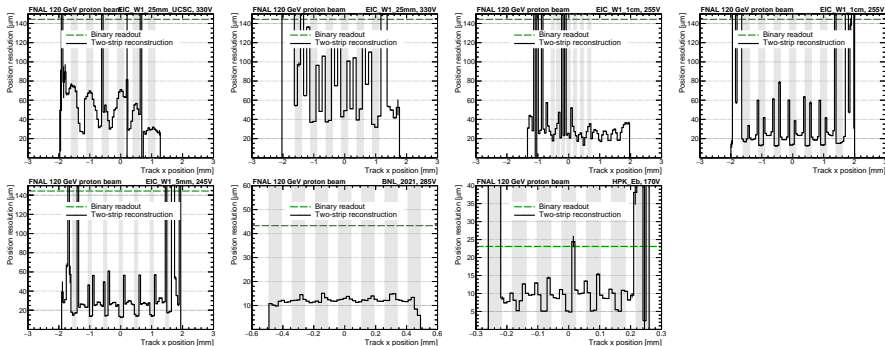
EIC W1 2p5cm UCSC 330V, EIC W1 2p5cm 215V, EIC W1 1cm all multiPitch 240V, EIC W1 1cm 255V,  
EIC W1 0p5cm 500um 300um gap 1 4 245V, BNL2021 2022 medium 285V, HPK strips Eb 45um 170V,

# Eff. vs. X



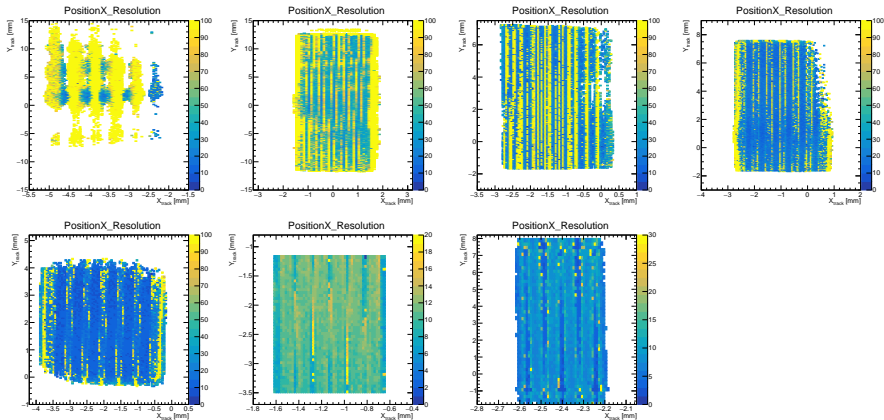
EIC W1 2p5cm UCSC 330V, EIC W1 2p5cm 215V, EIC W1 1cm all multiPitch 240V, EIC W1 1cm 255V, EIC W1 0p5cm 500um 300um gap 1 4 245V, BNL2021 2022 medium 285V, HPK strips Eb 45um 170V,

# Position Res. vs. X



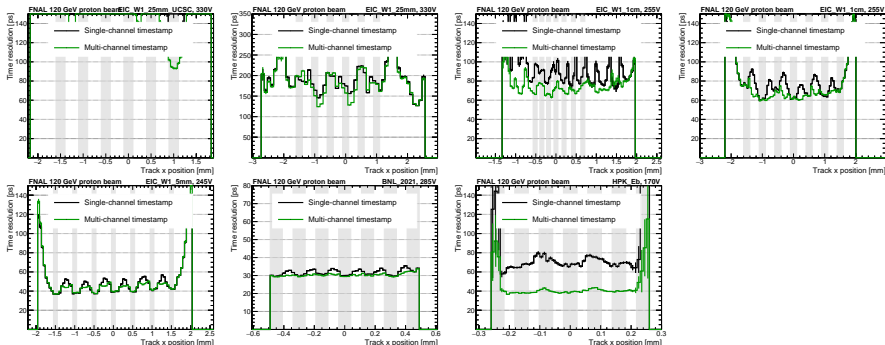
EIC W1 2p5cm UCSC 330V, EIC W1 2p5cm 215V, EIC W1 1cm all multiPitch 240V, EIC W1 1cm 255V, EIC W1 0p5cm 500um 300um gap 1 4 245V, BNL2021 2022 medium 285V, HPK strips Eb 45um 170V,

# Position Res. vs. XY



EIC W1 2p5cm UCSC 330V, EIC W1 2p5cm 215V, EIC W1 1cm all multiPitch 240V, EIC W1 1cm 255V,  
EIC W1 0p5cm 500um 300um gap 1 4 245V, BNL2021 2022 medium 285V, HPK strips Eb 45um 170V,

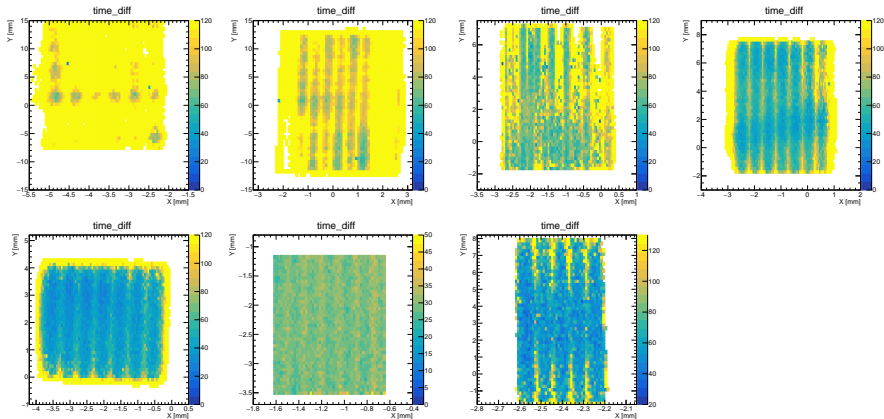
# Time Res. vs. X



EIC W1 2p5cm UCSC 330V, EIC W1 2p5cm 215V, EIC W1 1cm all multiPitch 240V, EIC W1 1cm 255V,  
EIC W1 0p5cm 500um 300um gap 1 4 245V, BNL2021 2022 medium 285V, HPK strips Eb 45um 170V,

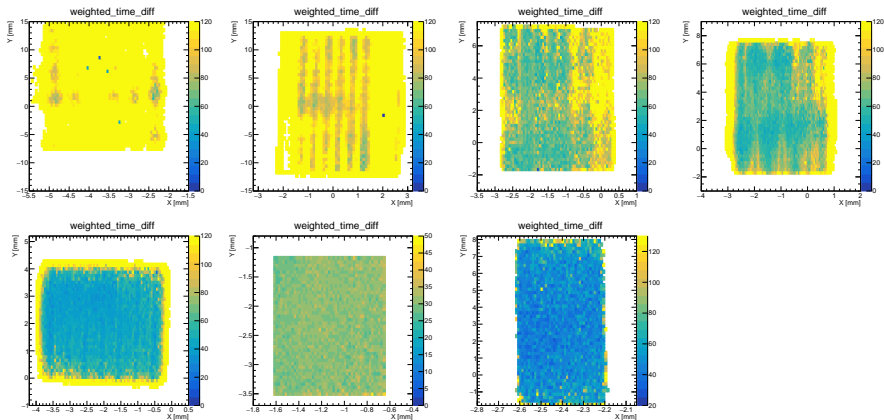


# Time Res. vs. XY



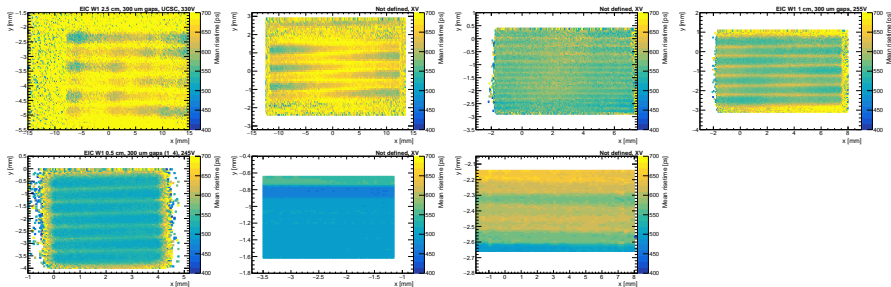
EIC W1 2p5cm UCSC 330V, EIC W1 2p5cm 215V, EIC W1 1cm all multiPitch 240V, EIC W1 1cm 255V,  
EIC W1 0p5cm 500um 300um gap 1 4 245V, BNL2021 2022 medium 285V, HPK strips Eb 45um 170V,

# W Time Res. vs. XY



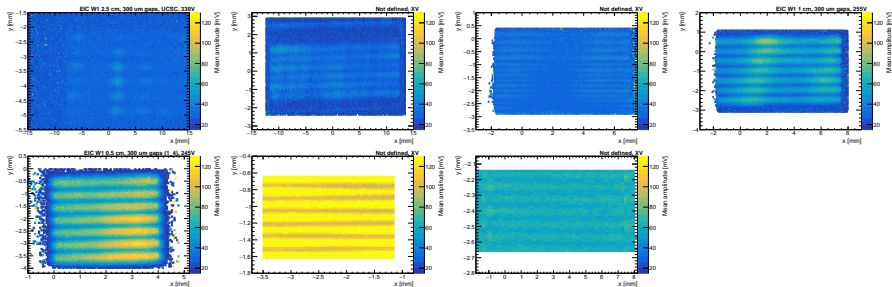
EIC W1 2p5cm UCSC 330V, EIC W1 2p5cm 215V, EIC W1 1cm all multiPitch 240V, EIC W1 1cm 255V,  
EIC W1 0p5cm 500um 300um gap 1 4 245V, BNL2021 2022 medium 285V, HPK strips Eb 45um 170V,

# Rise Time vs. XY



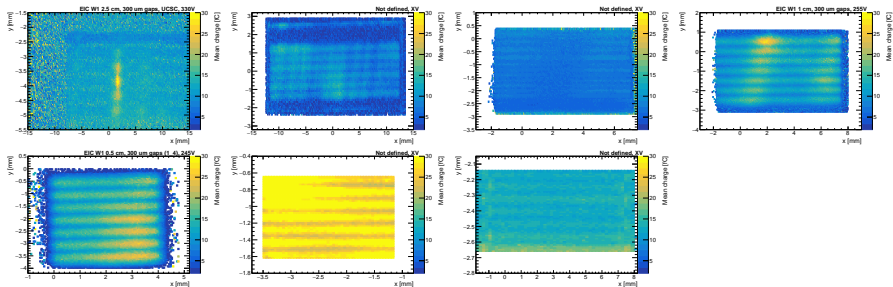
EIC W1 2p5cm UCSC 330V, EIC W1 2p5cm 215V, EIC W1 1cm all multiPitch 240V, EIC W1 1cm 255V,  
EIC W1 0p5cm 500um 300um gap 1 4 245V, BNL2021 2022 medium 285V, HPK strips Eb 45um 170V,

# Amp vs. XY



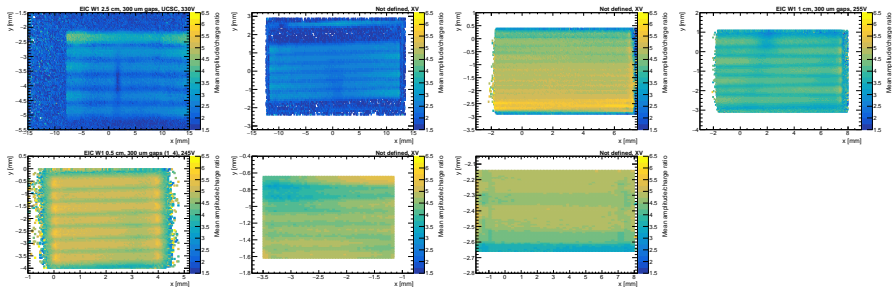
EIC W1 2p5cm UCSC 330V, EIC W1 2p5cm 215V, EIC W1 1cm all multiPitch 240V, EIC W1 1cm 255V,  
EIC W1 0p5cm 500um 300um gap 1 4 245V, BNL2021 2022 medium 285V, HPK strips Eb 45um 170V,

# Charge vs. XY



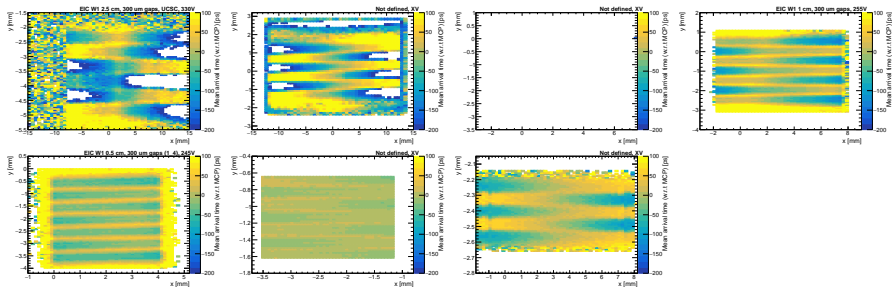
EIC W1 2p5cm UCSC 330V, EIC W1 2p5cm 215V, EIC W1 1cm all multiPitch 240V, EIC W1 1cm 255V,  
EIC W1 0p5cm 500um 300um gap 1 4 245V, BNL2021 2022 medium 285V, HPK strips Eb 45um 170V,

# Amp/Charge vs. XY



EIC W1 2p5cm UCSC 330V, EIC W1 2p5cm 215V, EIC W1 1cm all multiPitch 240V, EIC W1 1cm 255V,  
EIC W1 0p5cm 500um 300um gap 1 4 245V, BNL2021 2022 medium 285V, HPK strips Eb 45um 170V,

# Time Stamp vs. XY



EIC W1 2p5cm UCSC 330V, EIC W1 2p5cm 215V, EIC W1 1cm all multiPitch 240V, EIC W1 1cm 255V,  
EIC W1 0p5cm 500um 300um gap 1 4 245V, BNL2021 2022 medium 285V, HPK strips Eb 45um 170V,