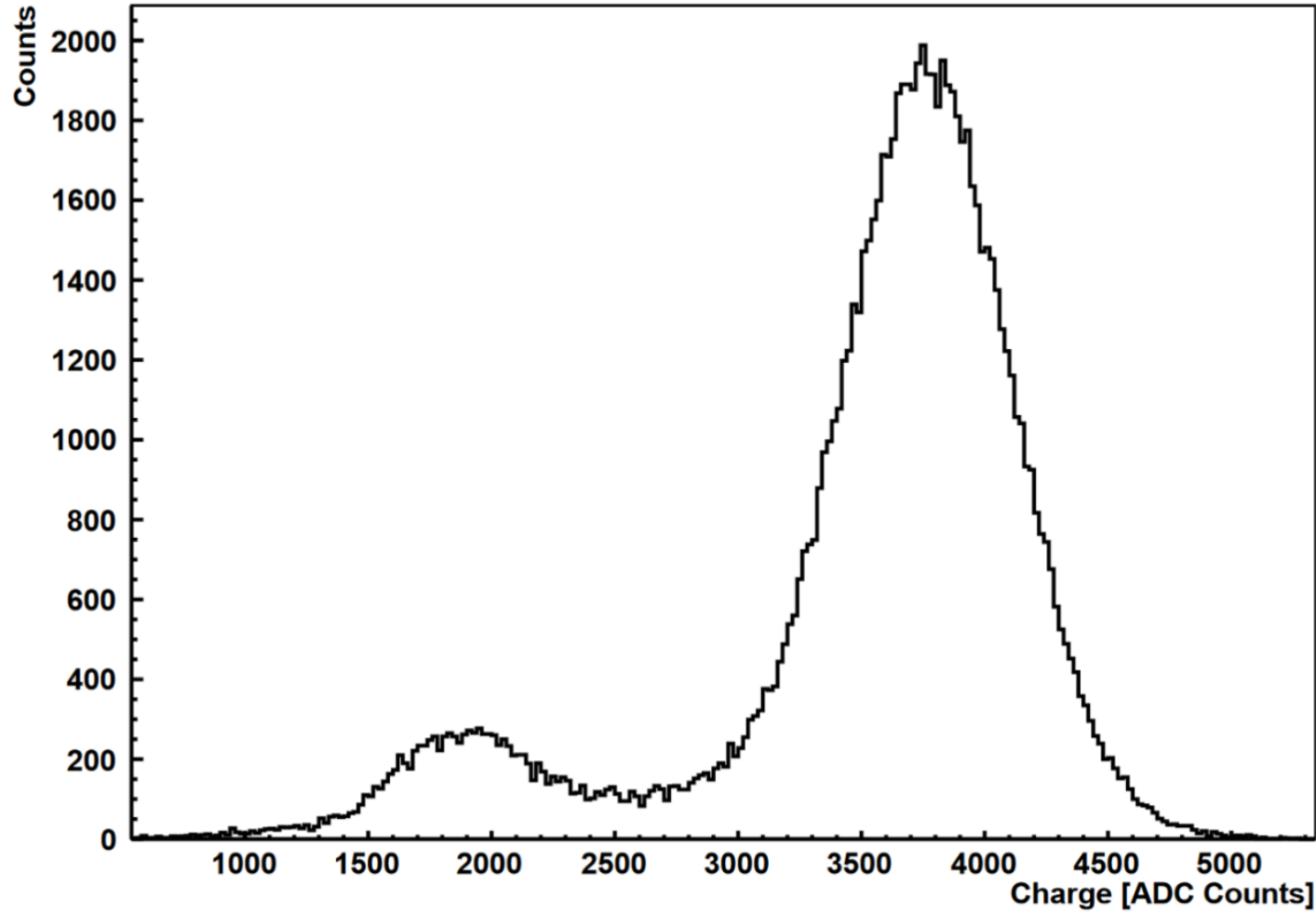


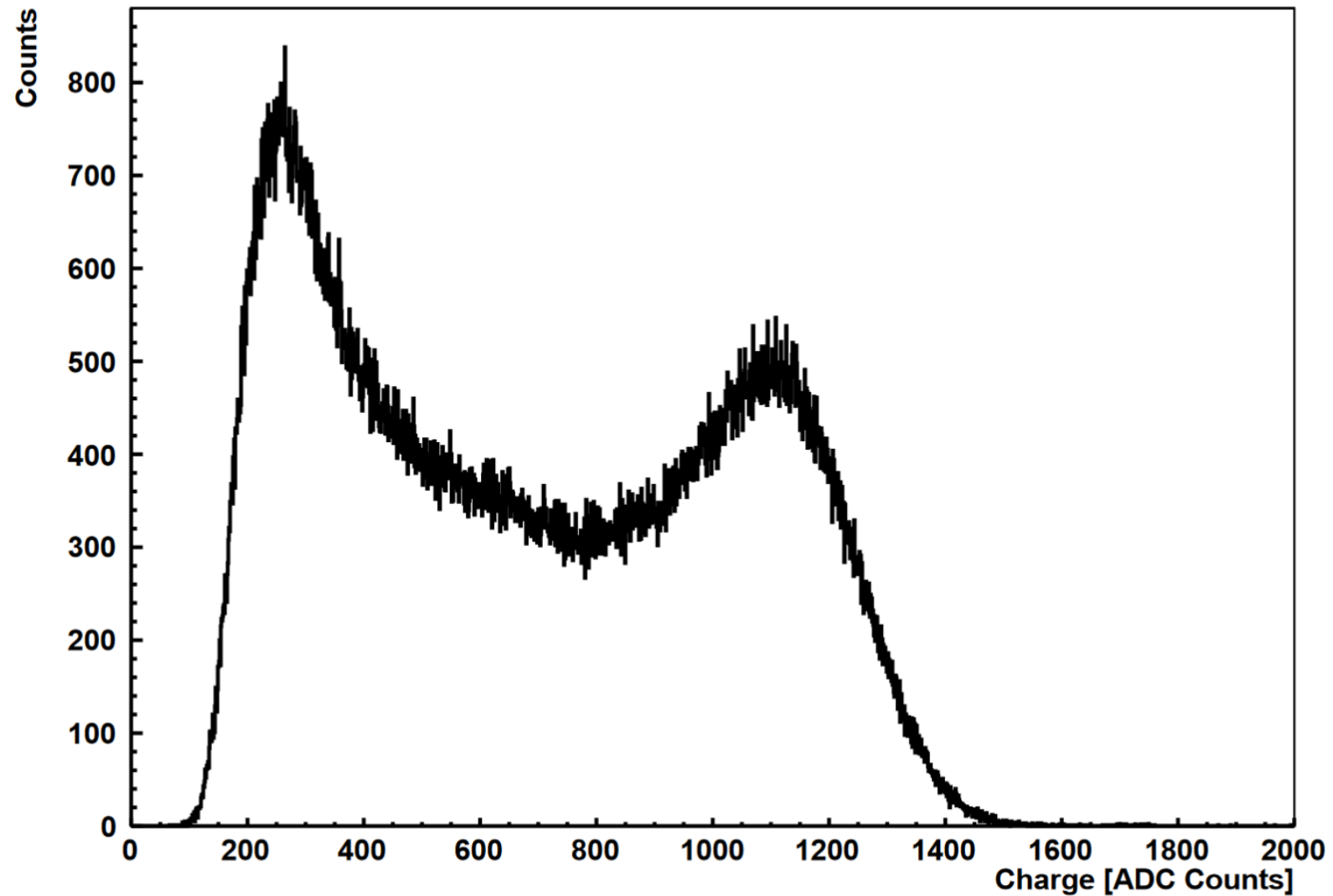
Updates on the 20x20 GEM Detector

Cluster Charge at 295V



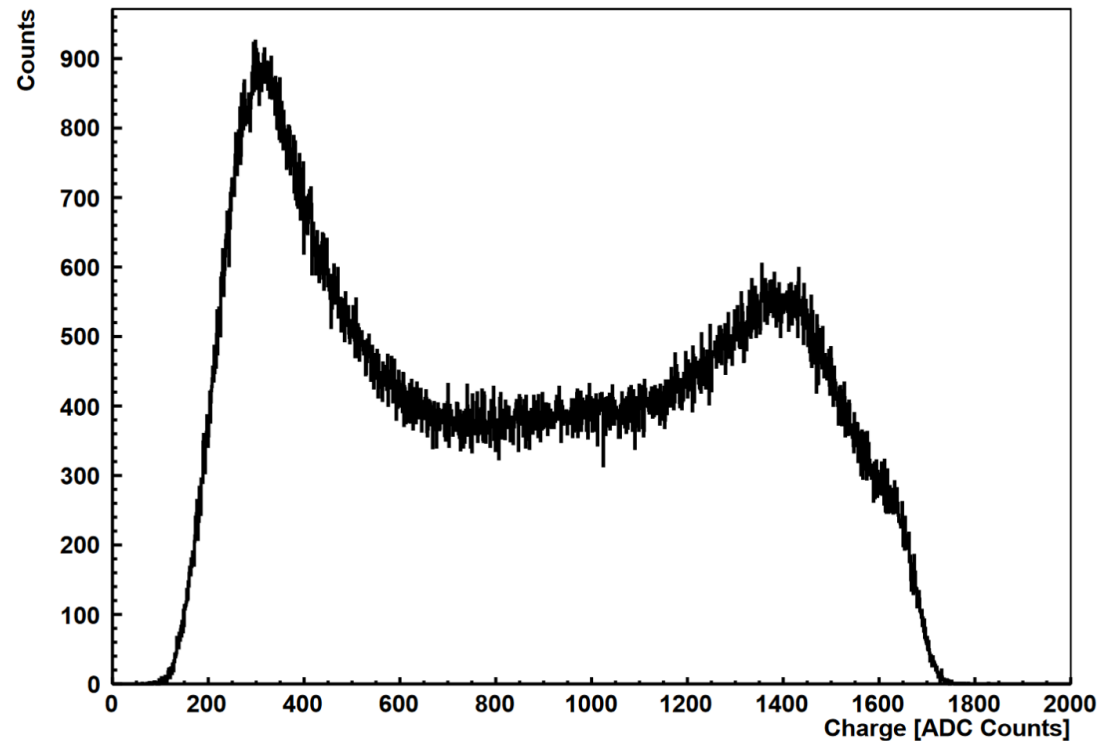
Ratio of Peak
Positions: 1.96

Strip Charge at 295V

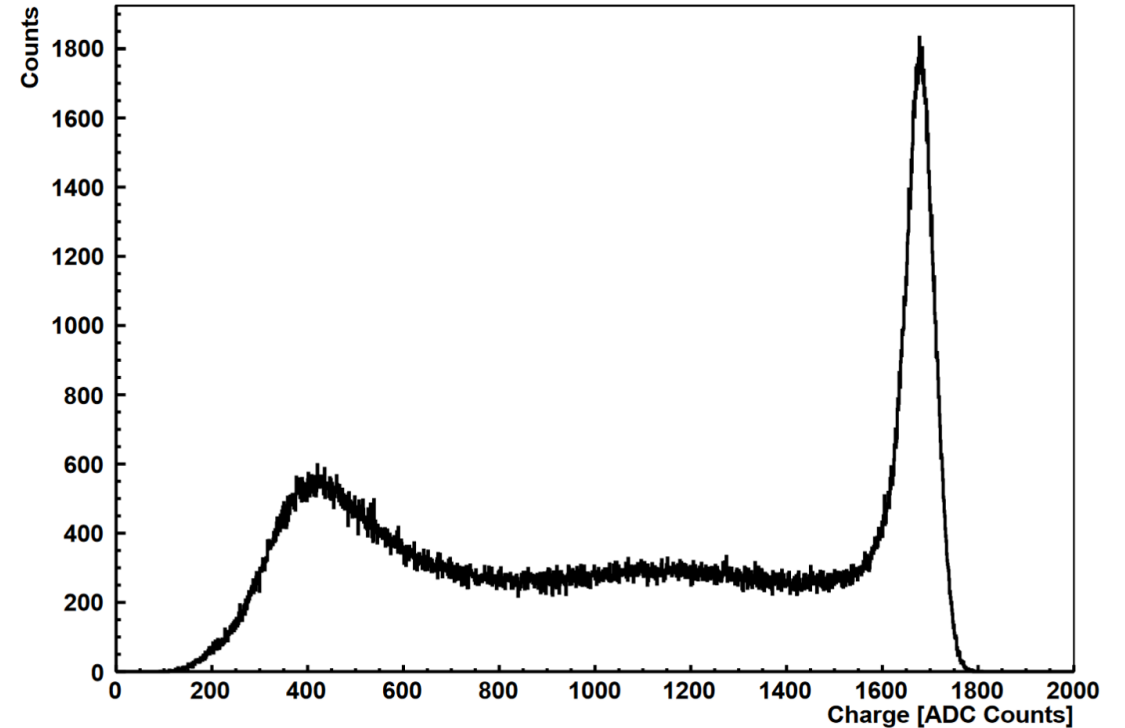


Strip Charges for Different Voltages

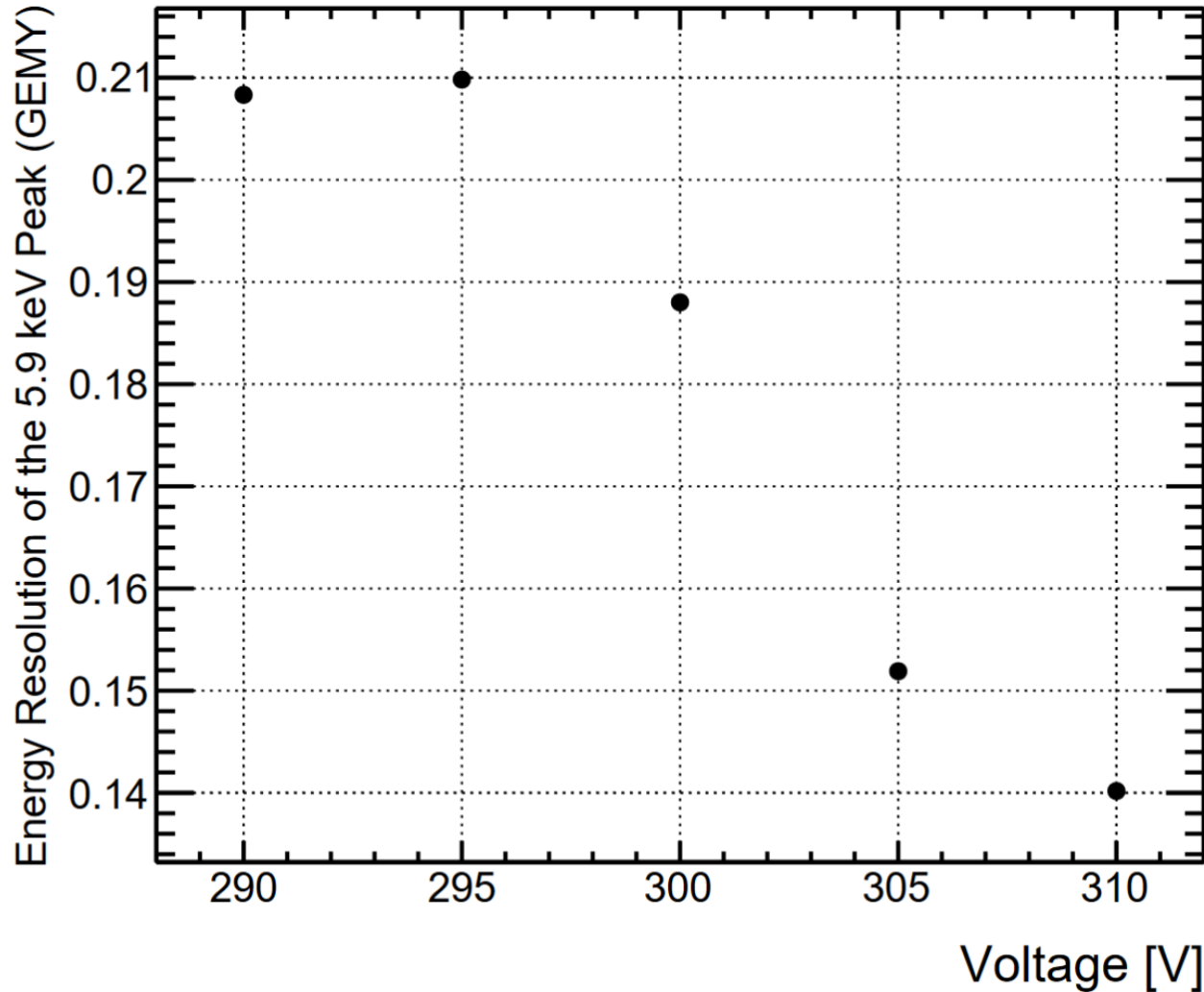
Strip Charge at 300V



Strip Charge at 305V → Oversaturated

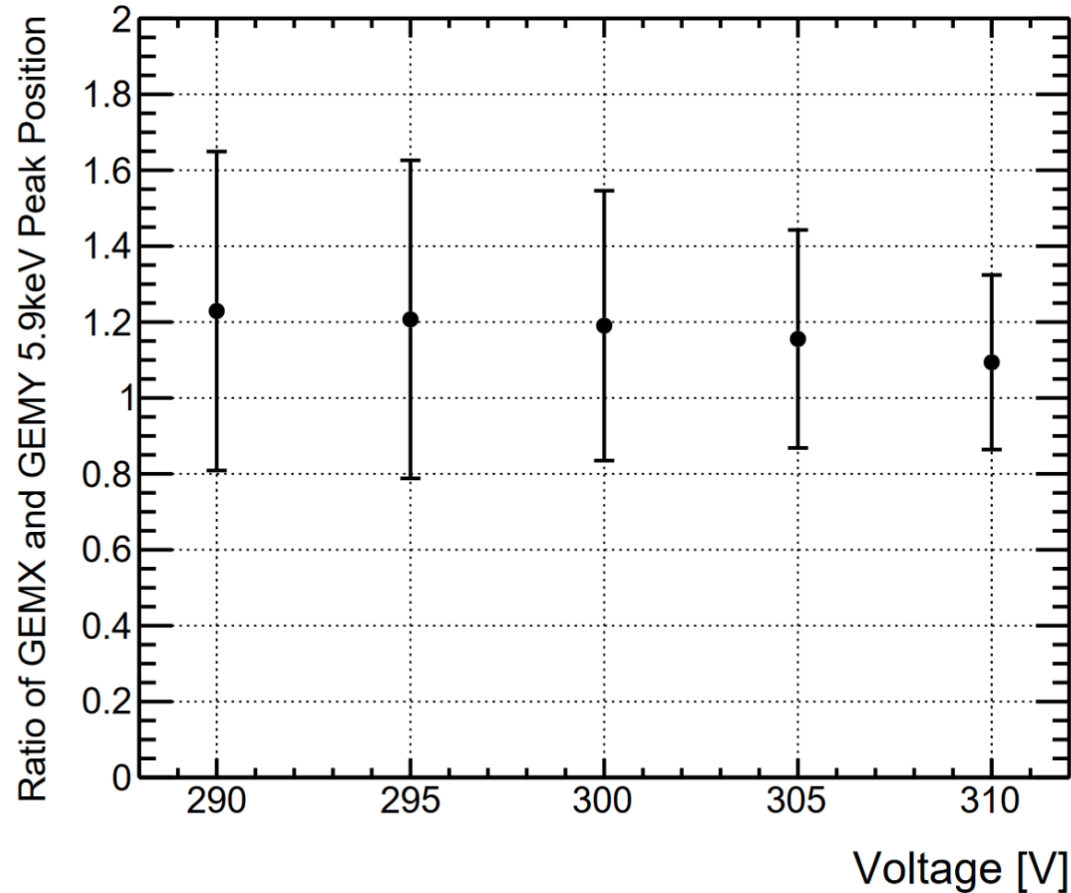


Energy Resolution of the 5.9keV Peak GEMX for Different Voltages



- Oversaturation for 305V and 310V

Comparison of GEMX and GEMY 5.9keV Peak Position for Different Voltages



- Errors calculated with Gaussian error propagation
- Errors for positions: $2.35 * \sigma$