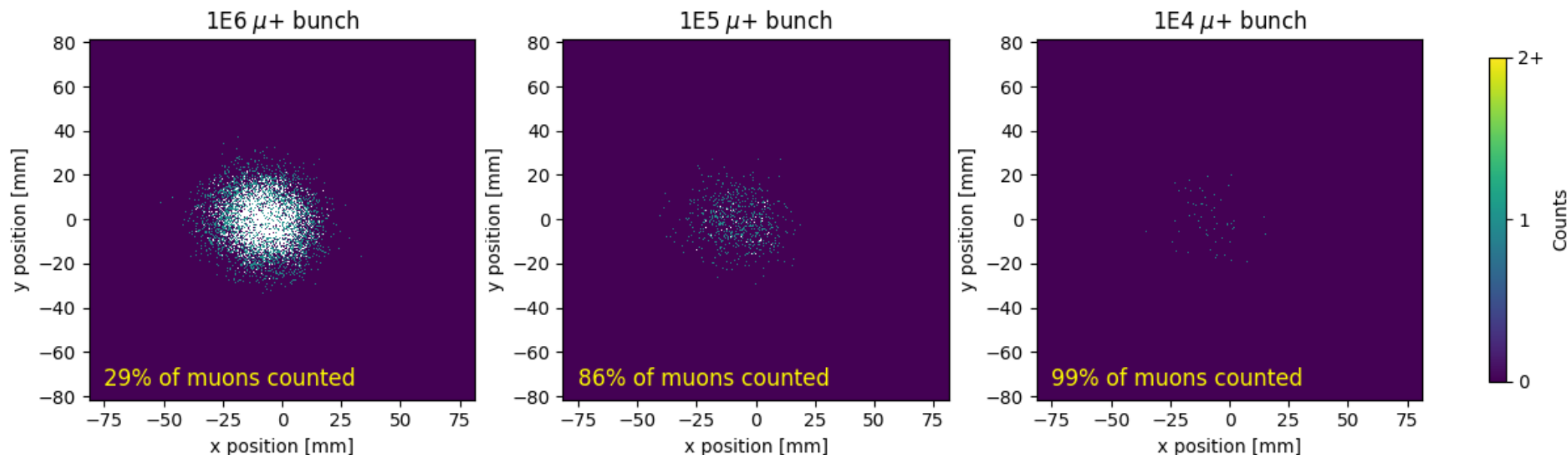


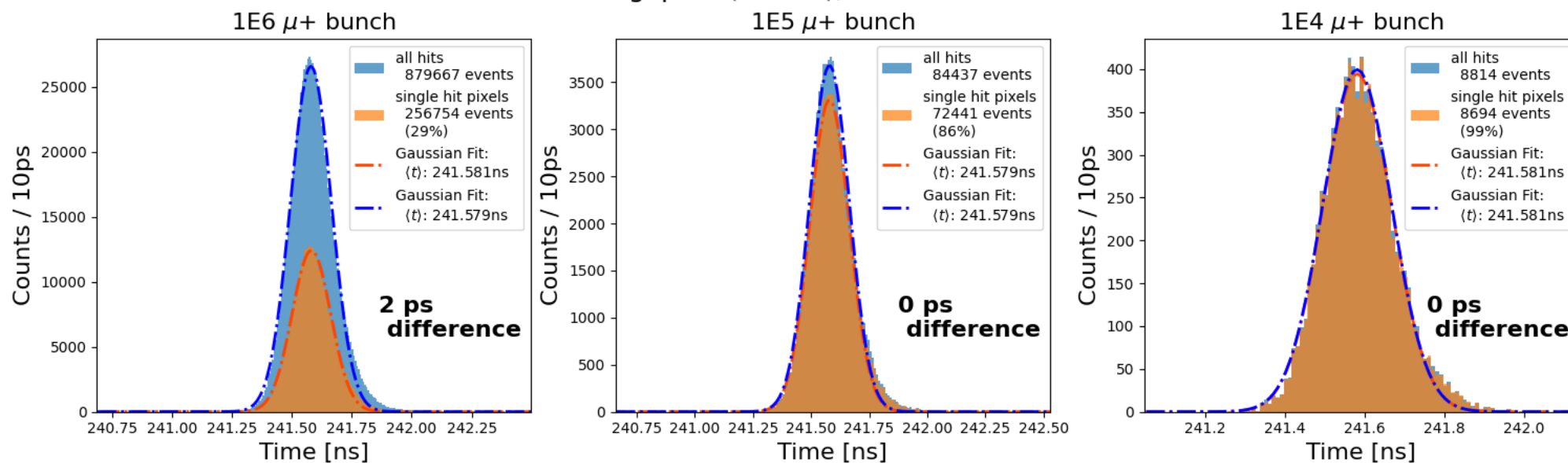
Update: Cici Hanna, 8.10.2026

- Analyzing lower intensity beams on pixelated silicon beam monitor
- Applying for URA Visiting Scholarship to test in the decay pipe at Fermilab
 - Different muon spectrum in pipe (GeV scale as opposed to 200MeV μ in demonstrator); can address with material in front
 - Placement in pipe—at end where it least affects others, or possibly down side hall previously used for kaon physics?

Bunch profile, 25 μ m pixelated sensor, gap 12 (cell 32), sensor 0
dropping all pixels with occupancy >1



Timing distribution, 25 μ m pixelated sensor
gap 12 (cell 32), sensor 0



Momentum, 200 MeV μ^+ bunches, 60 cell cooling channel, 3 layers/group

