# Photoelectron Laser Update 

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CPA to APA Drift


## Zoomed View of CPA Section

## Simulation Choices:

Coin: $\mathrm{r}=0.25 \mathrm{~cm}, \mathrm{Nc}=1 \mathrm{e}, \mathrm{qc}=100$
Kapton Plane: $\mathrm{L}=3 \mathrm{~cm}, \mathrm{~Np}=4.58 \mathrm{e} 4, \mathrm{qp}=100$
Coin-Plane (Center to Center) Distance $=7.8 \mathrm{~cm}$


Kapton


[^0]

APA View

'SpacePointSolver' (Default)



Black - Input Distribution (by CPA)
Blue - XV Intersections (at APA)
Red - XU Intersections (at APA)

Crossings + ADCs (X Wires)


## Some Slices

U wire @ y = 217.8 cm Intersecting X Wires


Max X wire @ z = 218.1 cm Intersecting U Wires


## Another Slice

Max X wire @ $z=218.1$ cm Intersecting V Wires


Crossings + ADCs (V Wires)


Crossings + ADCs (U Wires)



[^0]:    * Cartoon Not to Scale

