Weekly meeting

3 March 2019

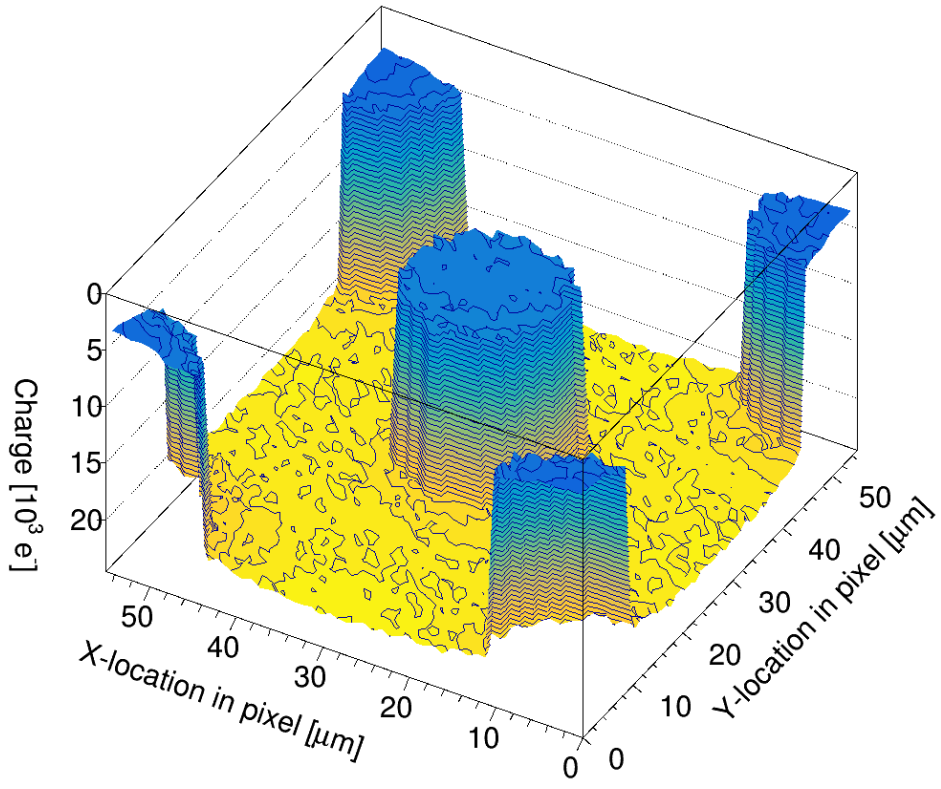
Peter Bosch

t0 offset

- Angle scan of 3D sensor
- Find correlation in time
- Use offset in Kepler
- Still no tracks…
- Use 2D scan

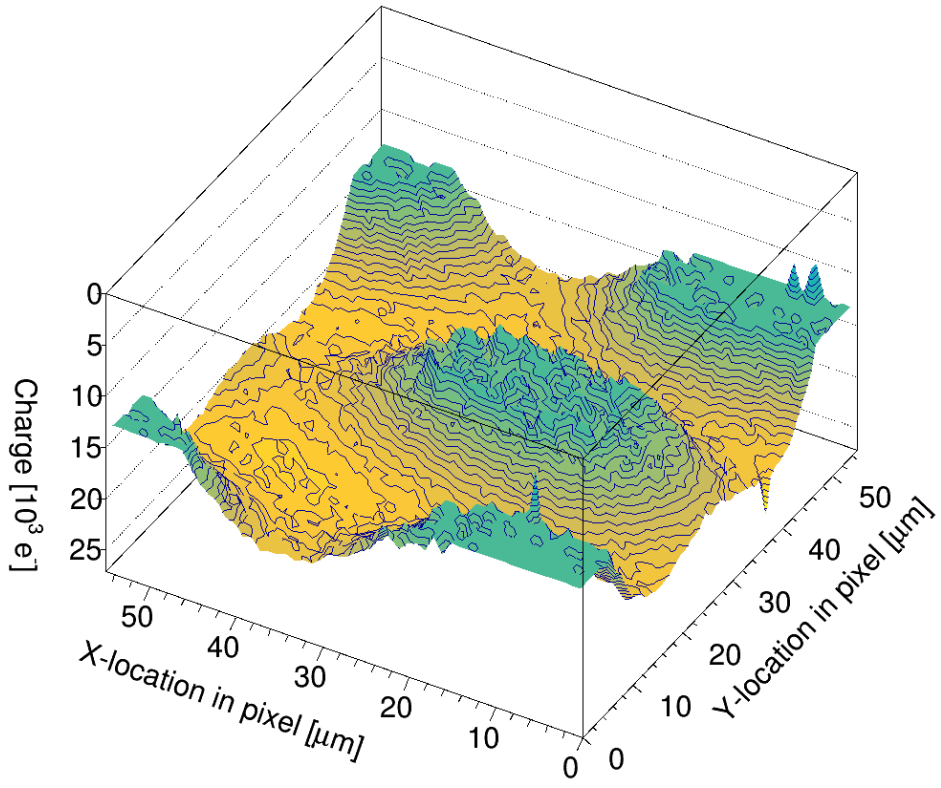
Charge map under angle

Run 31618
3D sensor
V_{bias} = 40V
Angle = 0°
5 spills



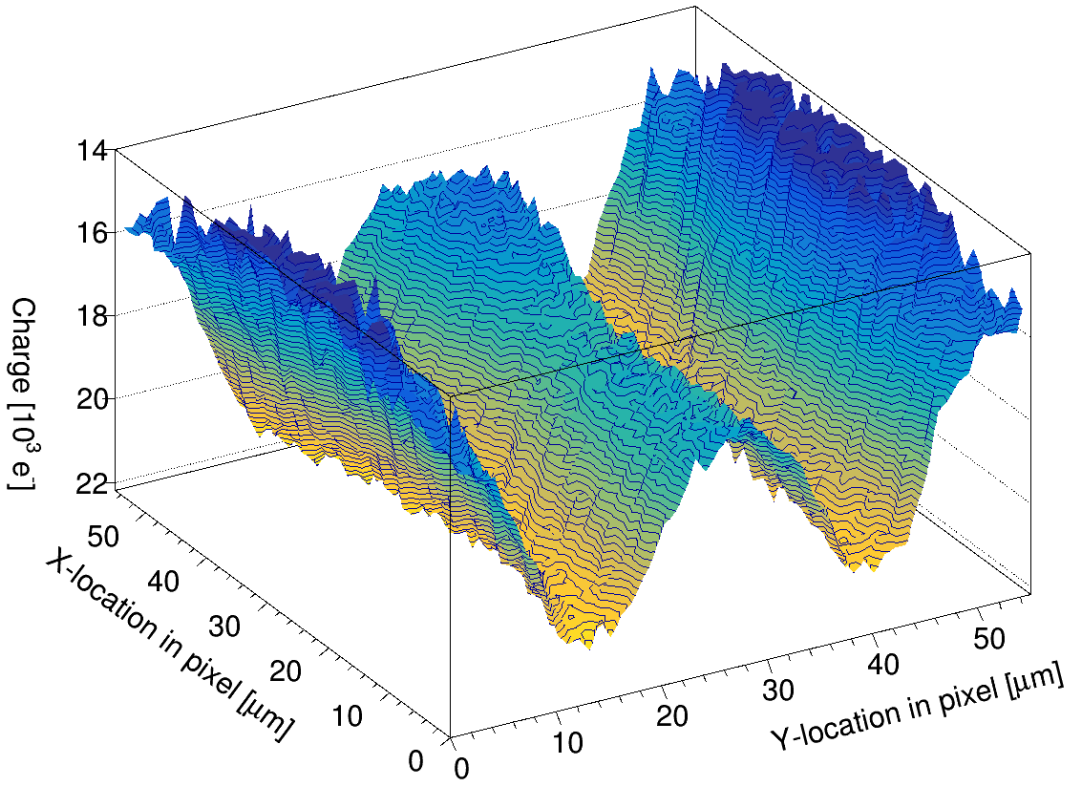
Charge map under angle

Run 31621
3D sensor
V_{bias} = 40V
Angle = 9°
5 spills



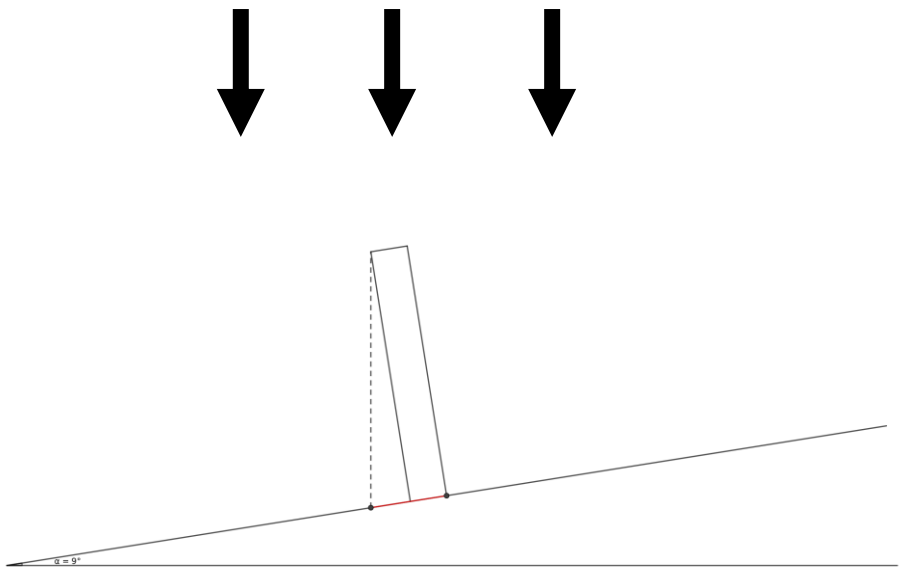
Charge map under angle

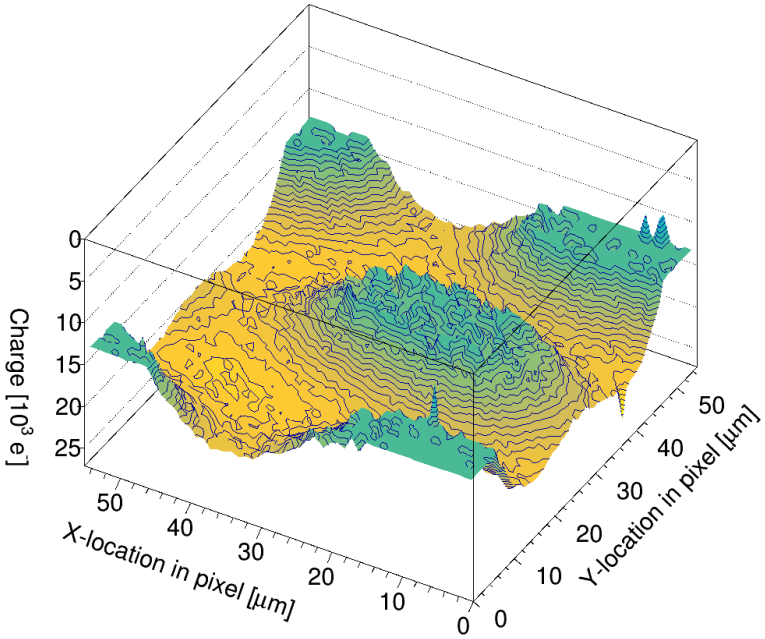
Run 31624
3D sensor
V_{bias} = 40V
Angle = 15°
5 spills



Charge map under angle

Run 31621
3D sensor
V_{bias} = 40V
Angle = 9°
5 spills

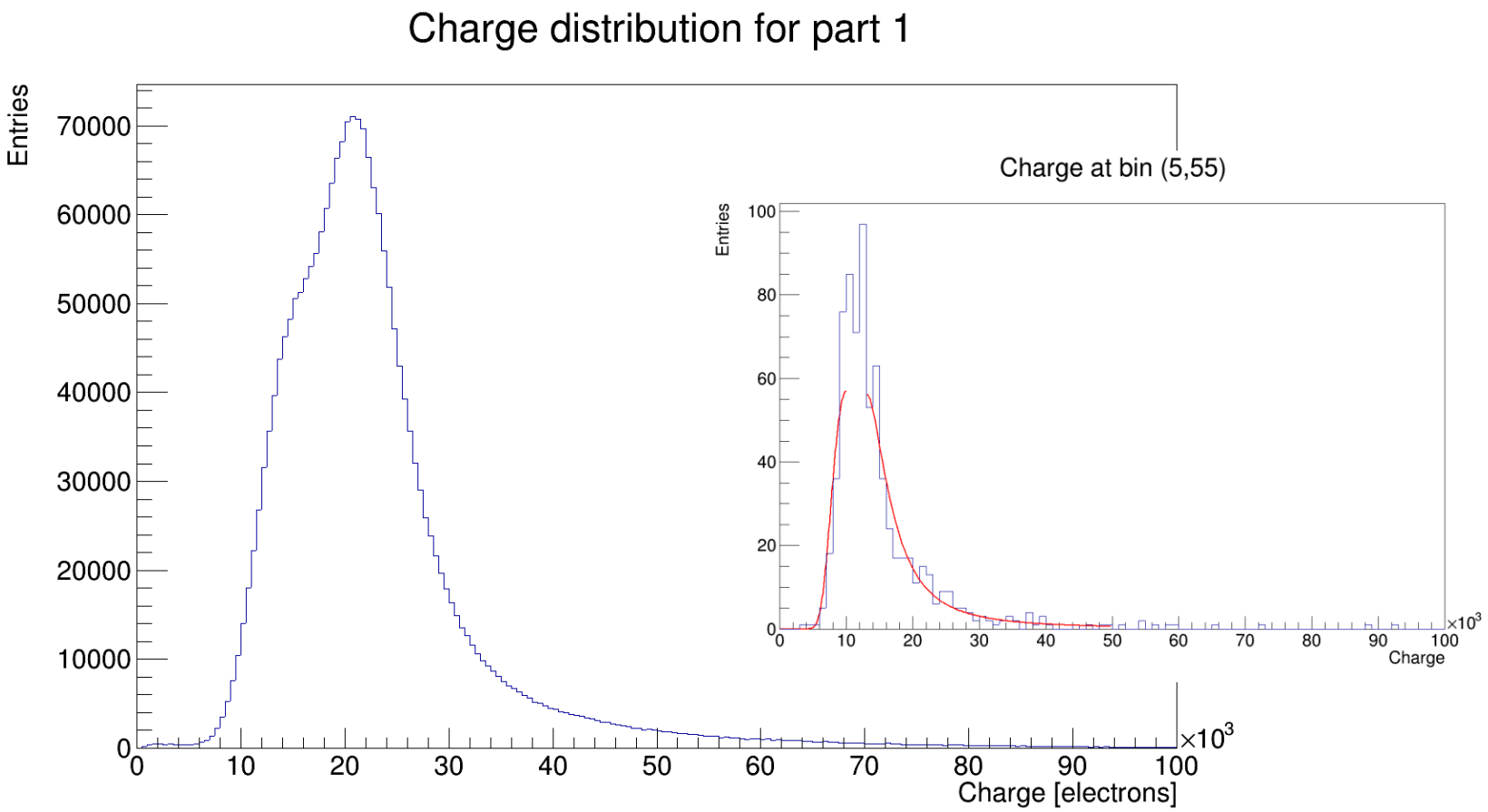




Red = width pillar 0° + height pillar * tan(α)
≈ 10 + 40 μm (20+40?)
≈ 50 μm (60?)

Charge map under angle

Run 31621
3D sensor
V_{bias} = 40V
Angle = 9°
5 spills



To continue

- Use single fit (?)
- Charge pillar -> projection of height?