



# Weekly meeting

28 February 2019

Peter Bosch

# New fit per bin

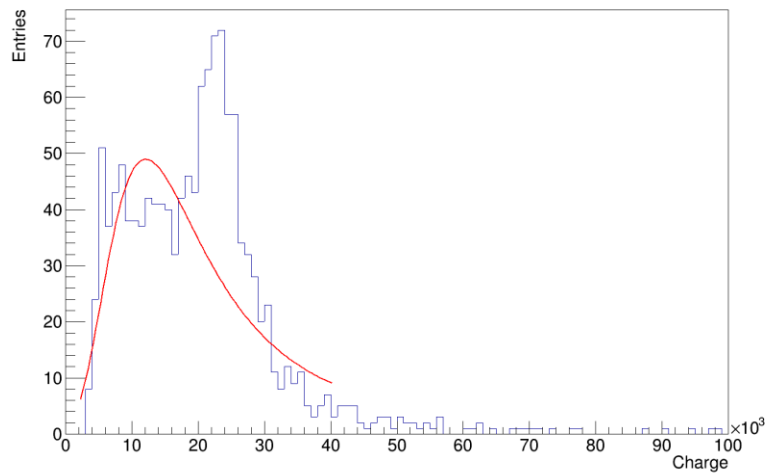
Run 31618 &  
31652

3D sensor

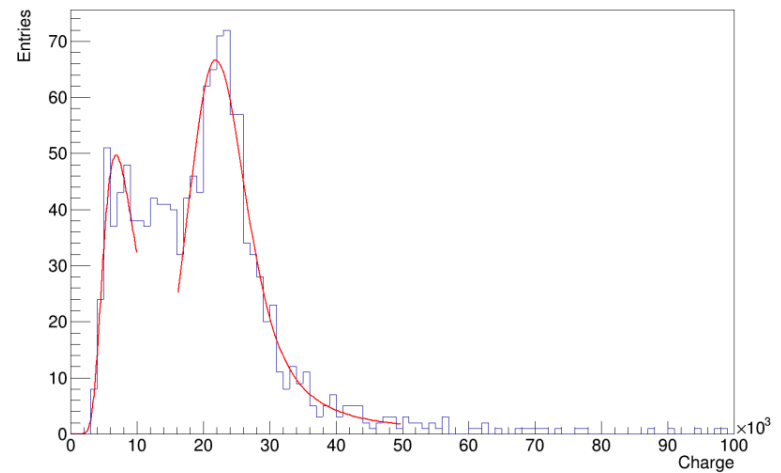
$V_{\text{bias}} = 40\text{V}$

Angle =  $0^\circ$

Charge at bin (19,26)



Charge at bin (19,26)



# New fit per bin

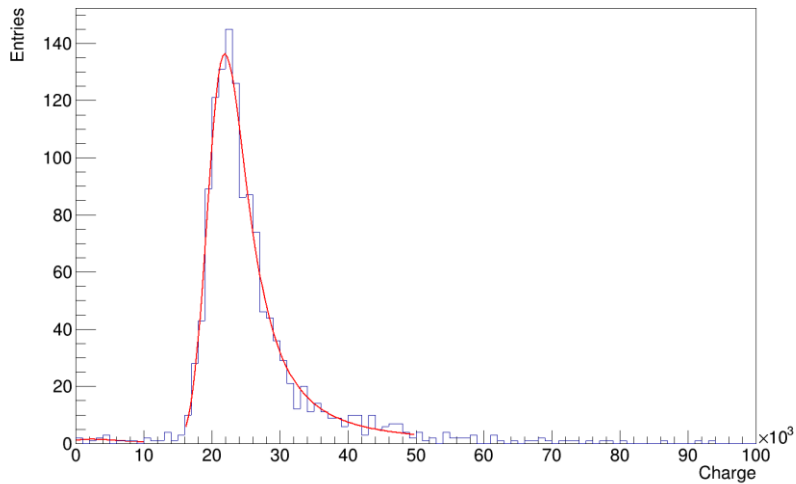
Run 31618 &  
31652

3D sensor

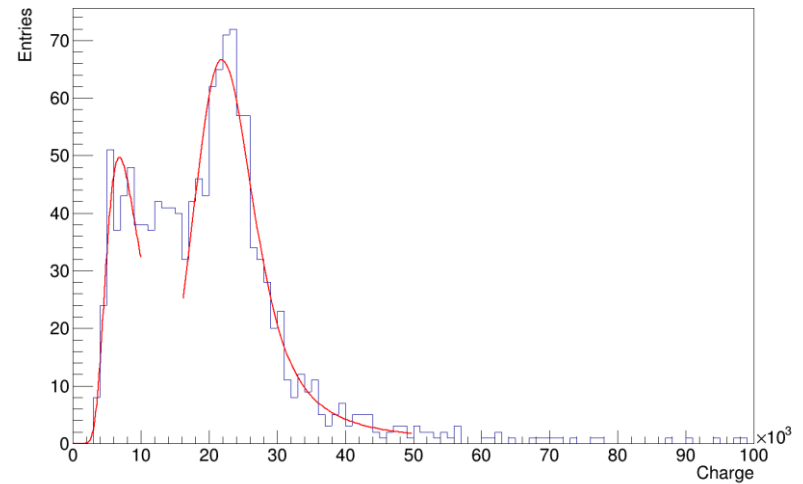
$V_{\text{bias}} = 40\text{V}$

Angle =  $0^\circ$

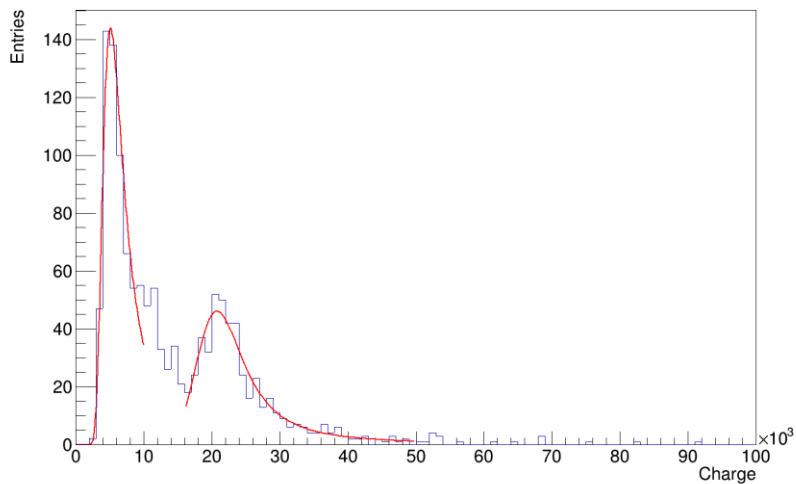
Charge at bin (7,32)



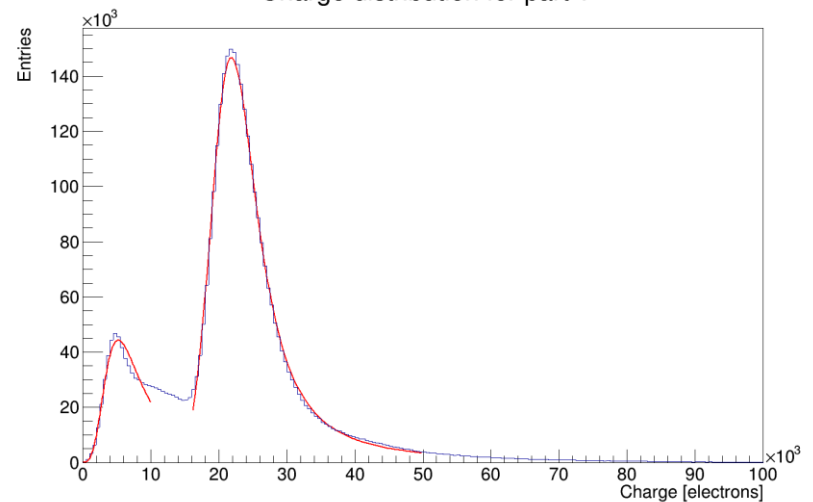
Charge at bin (19,26)



Charge at bin (24,33)



Charge distribution for part 1



# New fit per bin

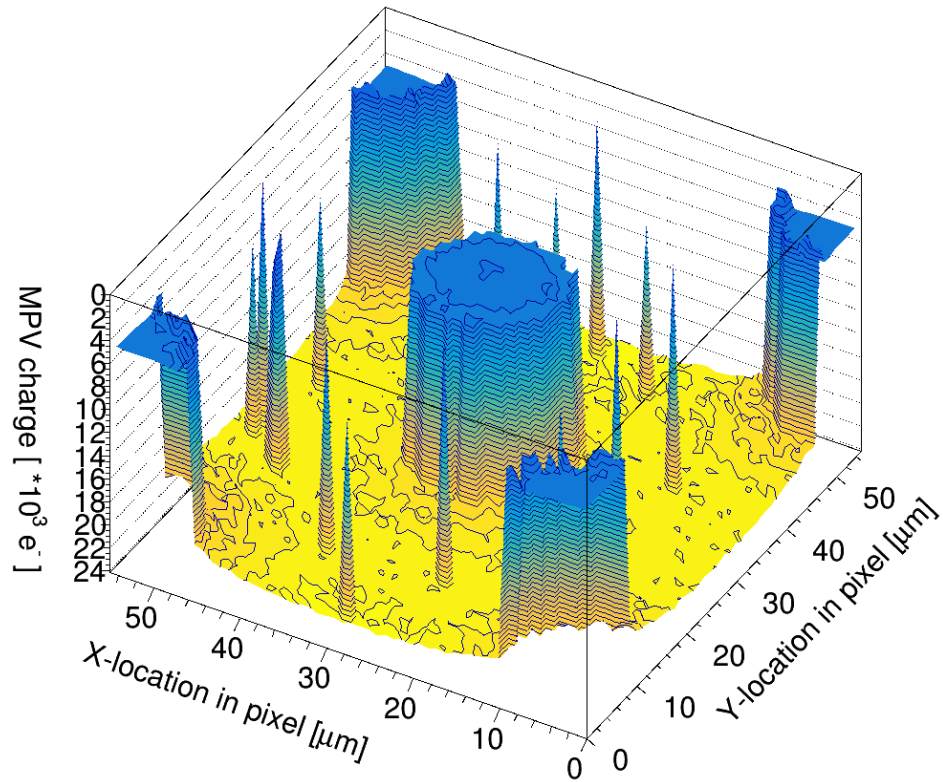
Run 31618 &  
31652

3D sensor

$V_{\text{bias}} = 40\text{V}$

Angle =  $0^\circ$

Charge map (Run 31618 and 31652, 285  $\mu\text{m}$  3D)



# Origin peaks

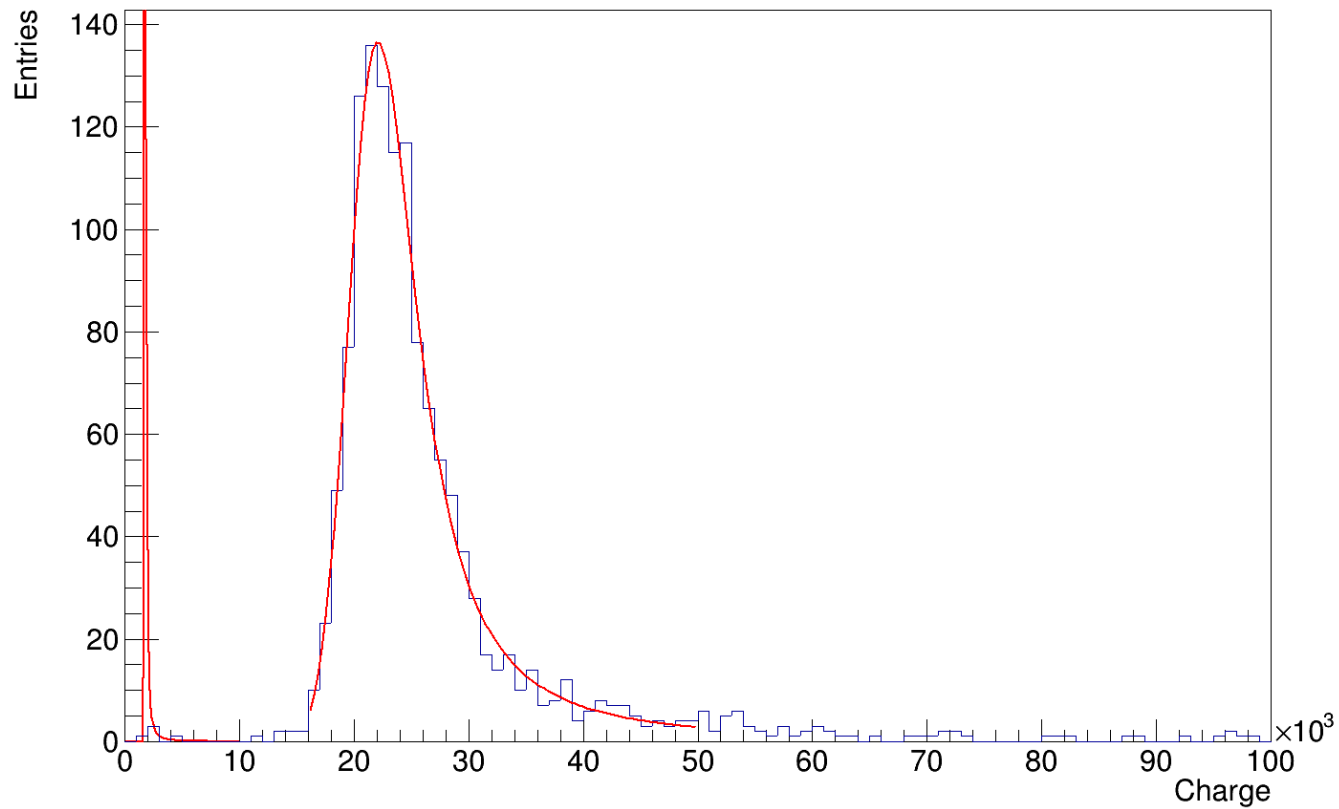
Run 31618 &  
31652

3D sensor

$V_{\text{bias}} = 40\text{V}$

Angle =  $0^\circ$

Charge at bin (3,31)



# Charge map without peaks

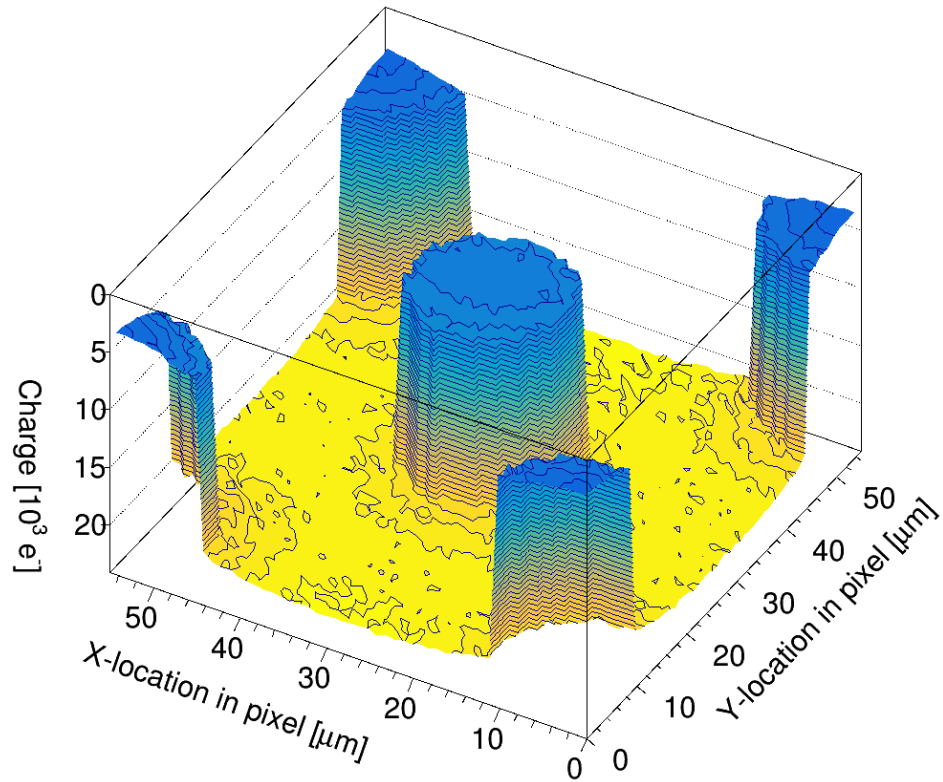
Run 31618 &  
31652

3D sensor

$V_{\text{bias}} = 40\text{V}$

Angle =  $0^\circ$

Charge map (Run 31618 and 31652, 285  $\mu\text{m}$  3D)



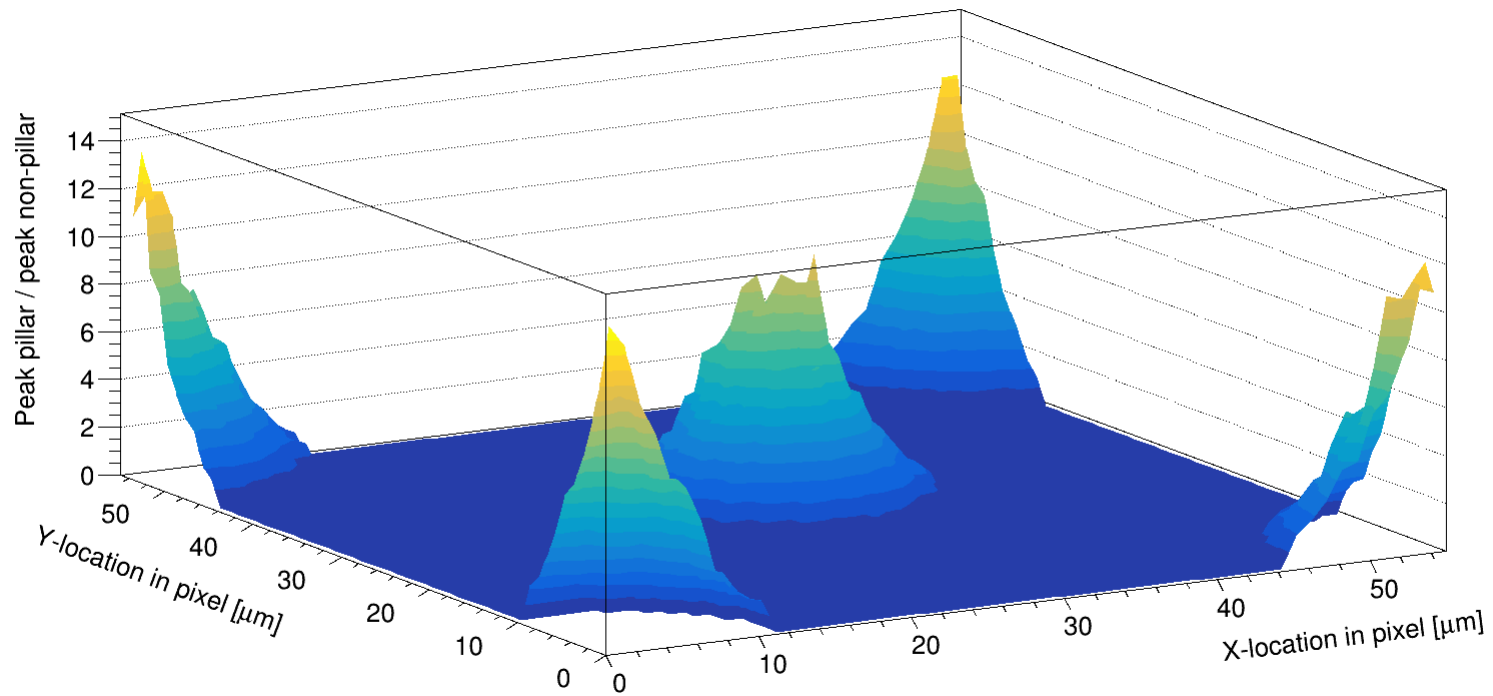
# Proportion of fits

Run 31618 &  
31652

3D sensor

$V_{\text{bias}} = 40\text{V}$

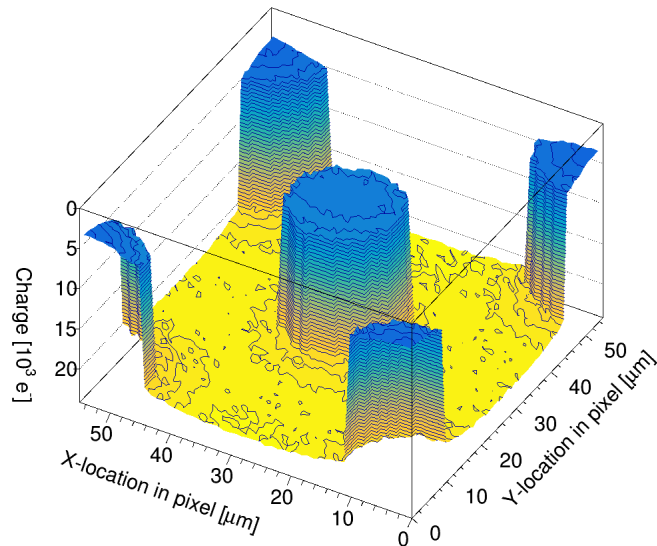
Angle =  $0^\circ$



# Ideas to continue...

- Charge map under angle
- Cluster sizes under angle

Charge map (Run 31618 and 31652, 285  $\mu\text{m}$  3D)



Hits for size 1 clusters

