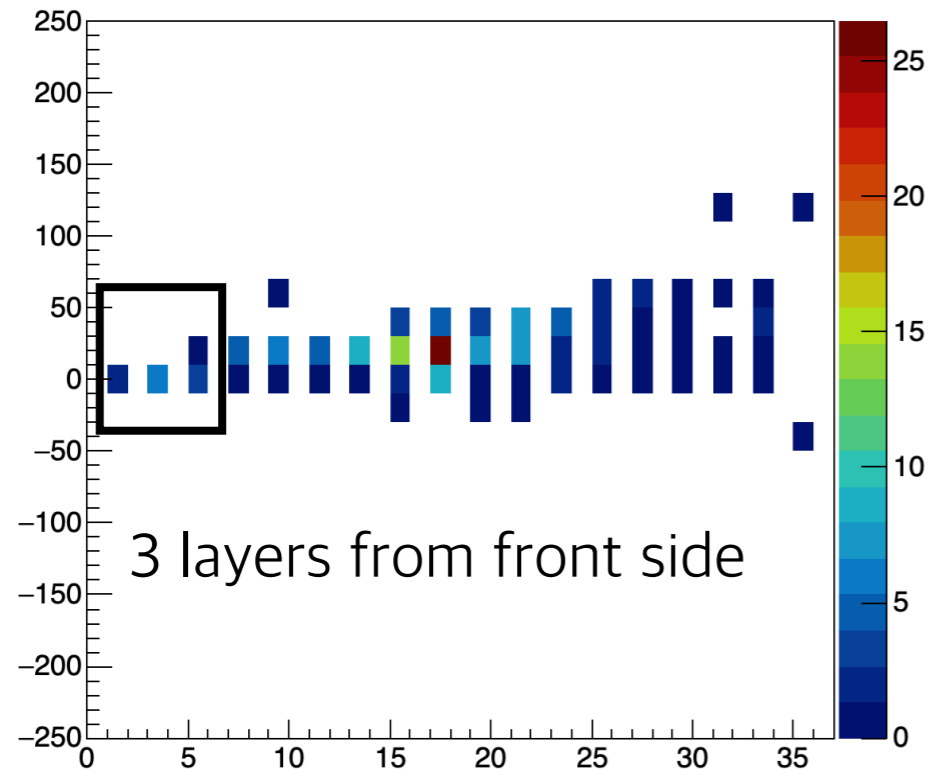


K-Koto Meeting

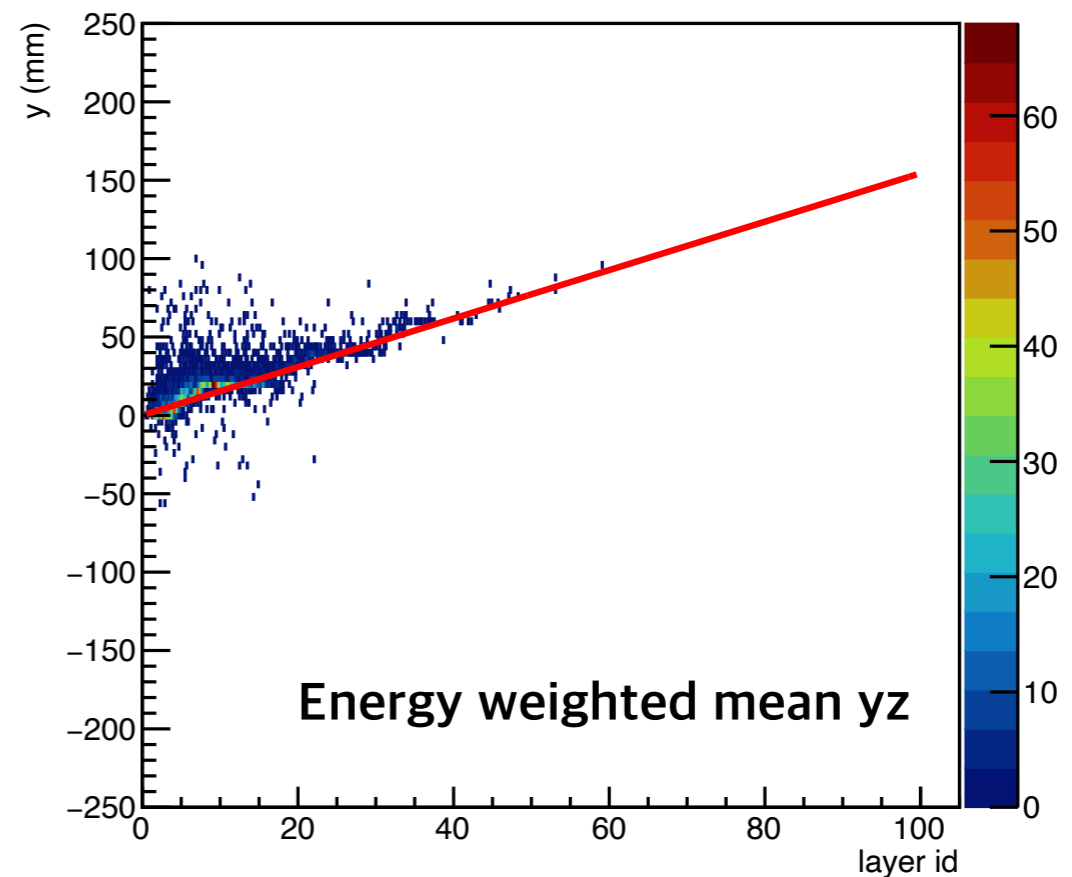
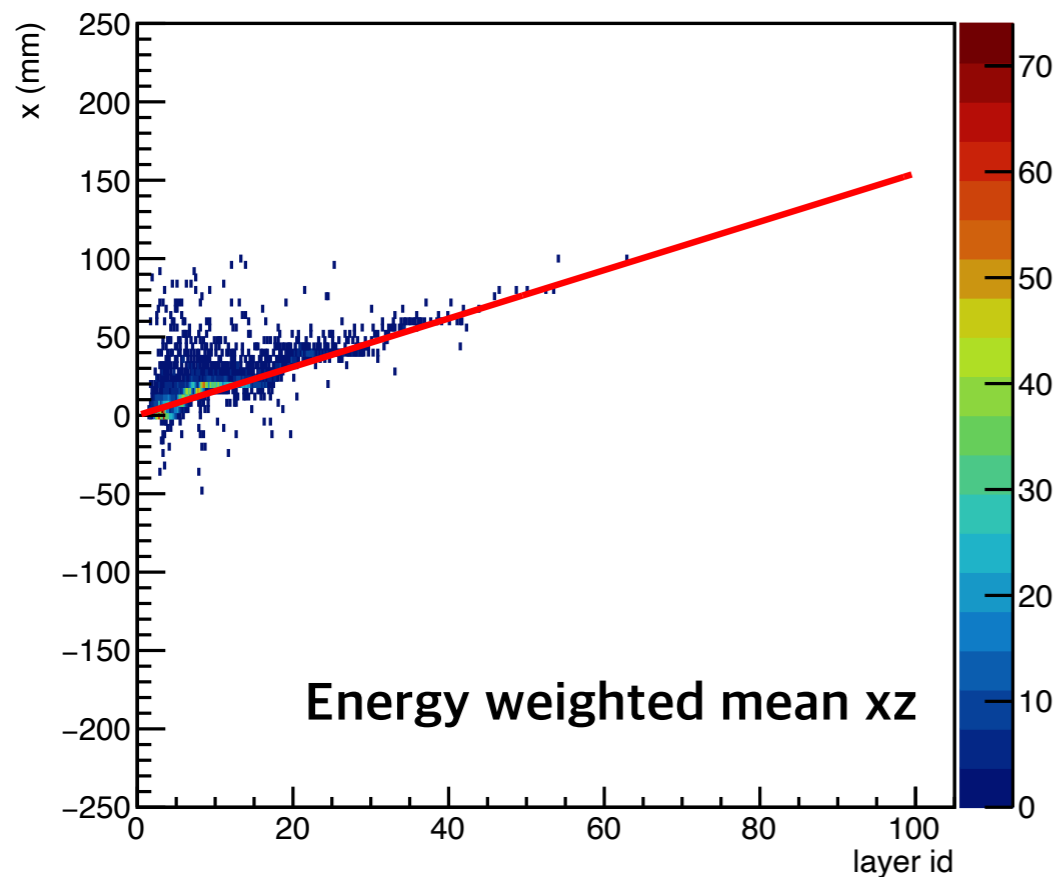
2020/08/05

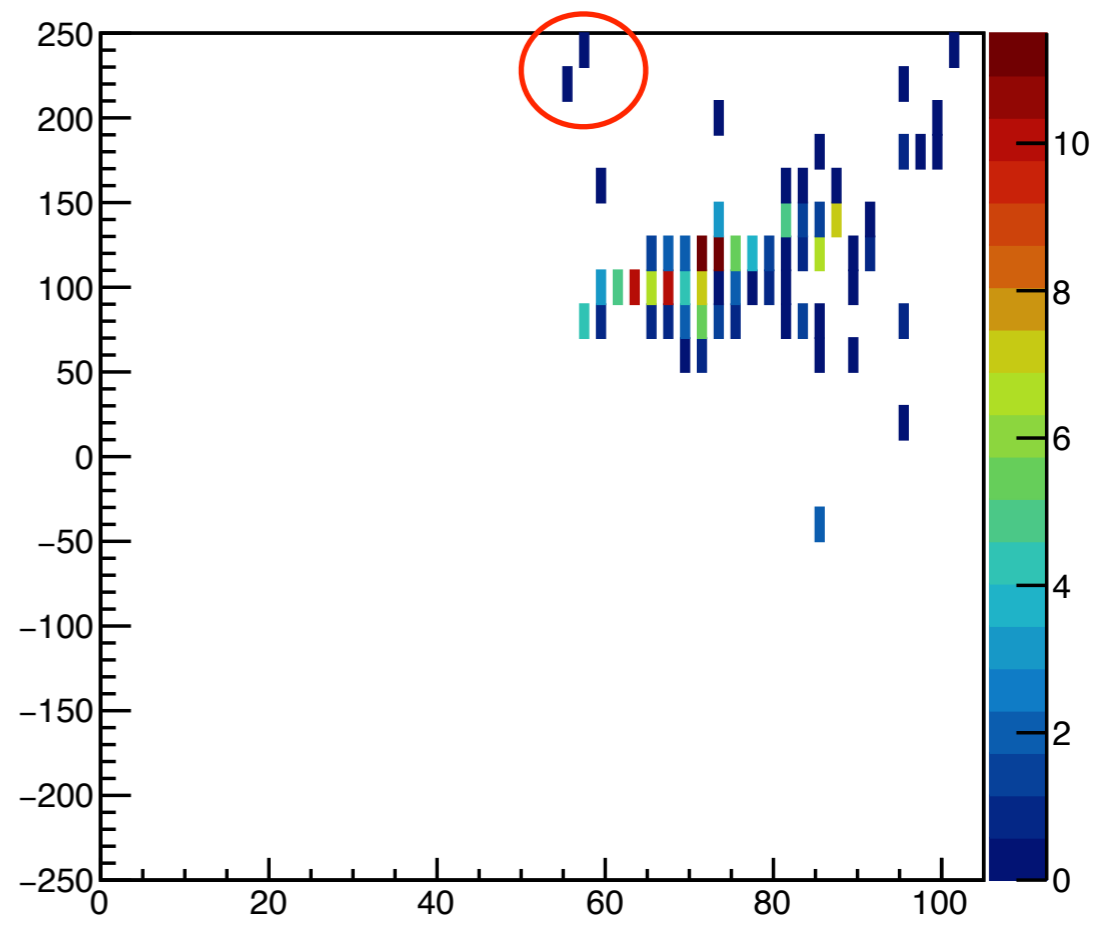
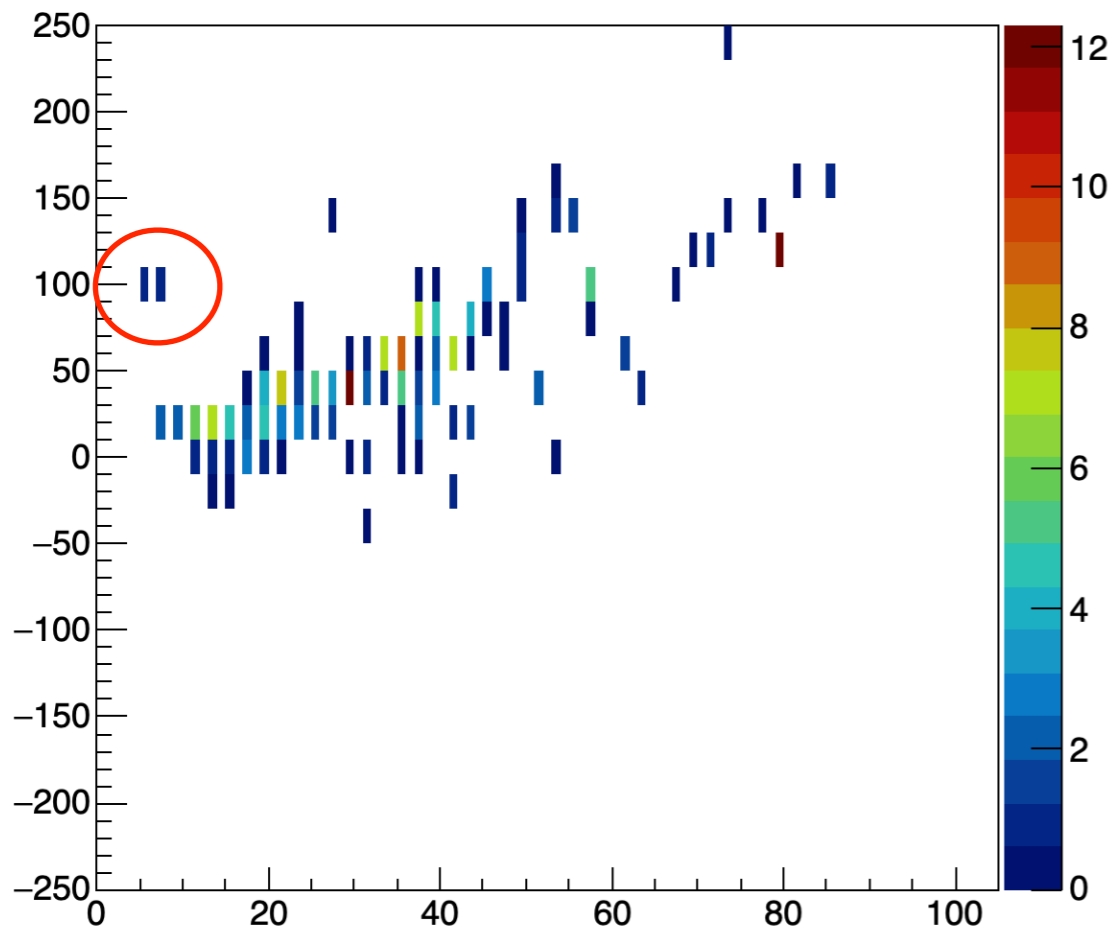
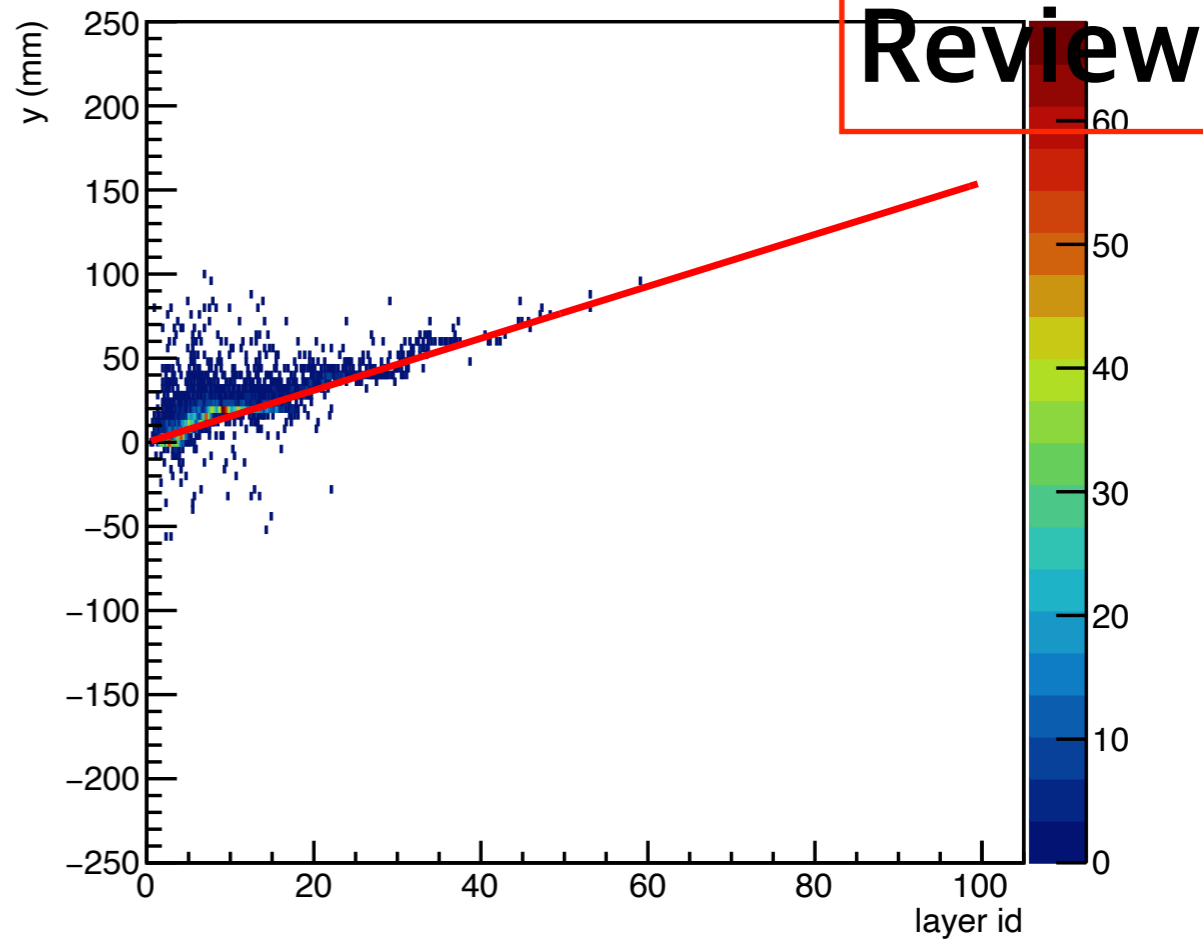
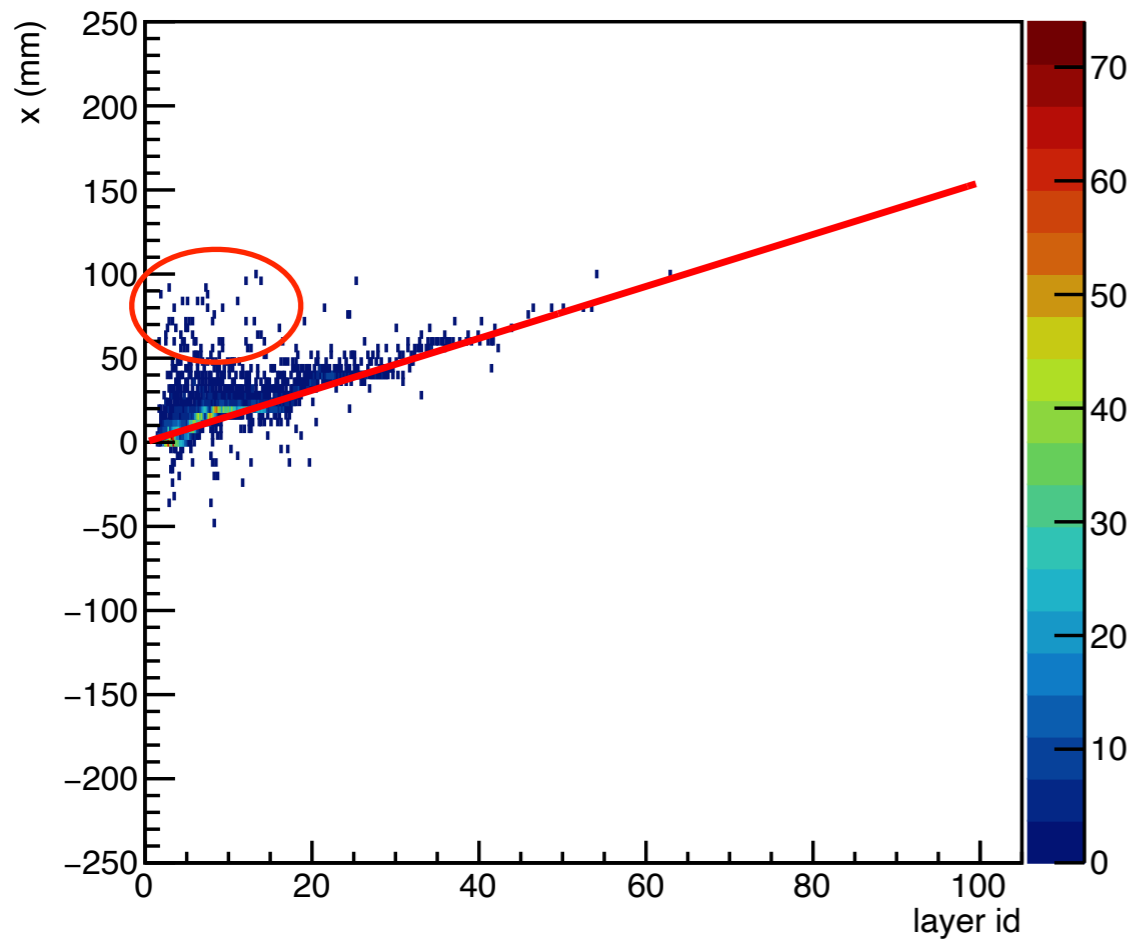
YoungJun Kim

Find x, y position at surface



1. Find front side hits
2. choose the most energetic hit for each layer
3. Make energy weighted mean with three layers hit information

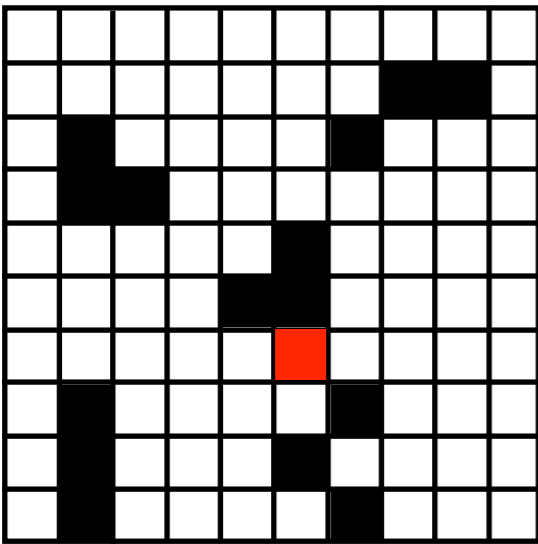




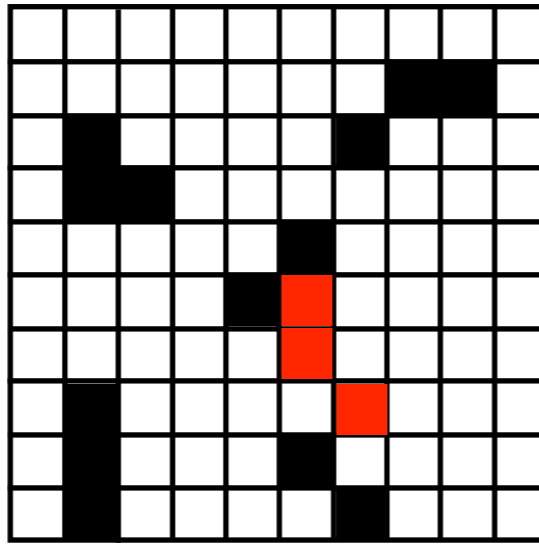
Hit patterns clustering

scanning 3×3 pixels

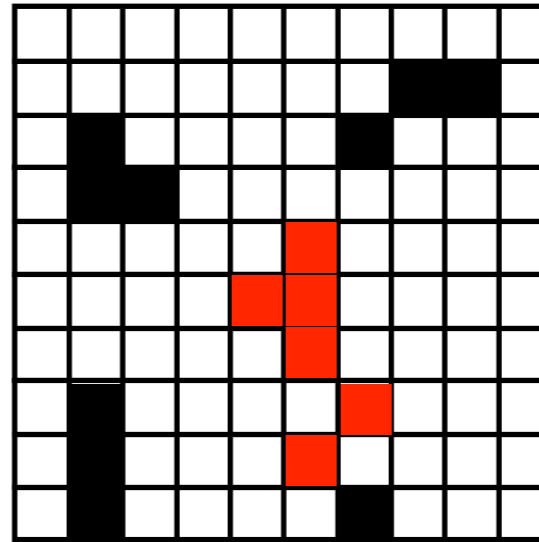
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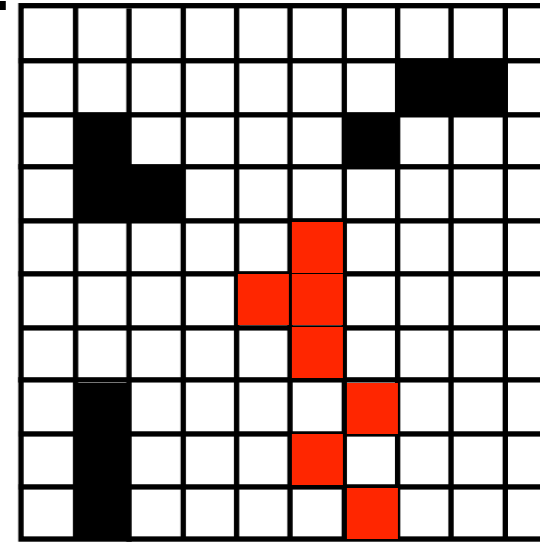
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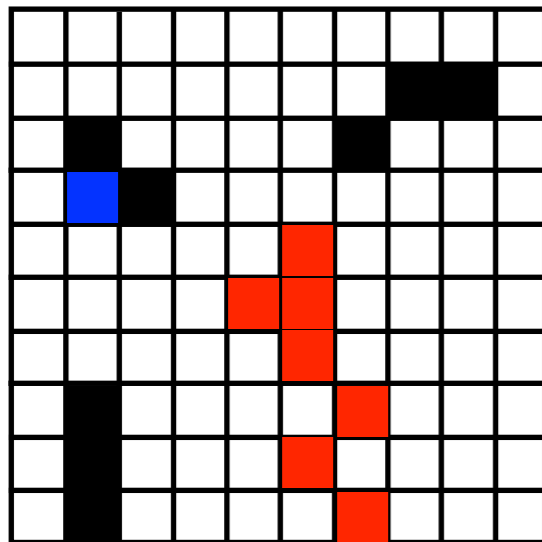
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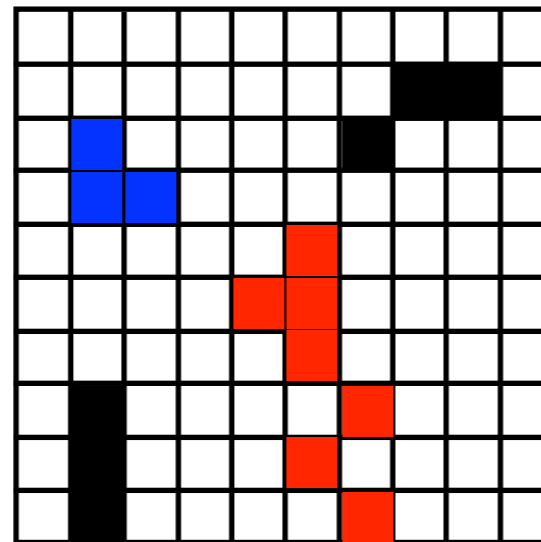
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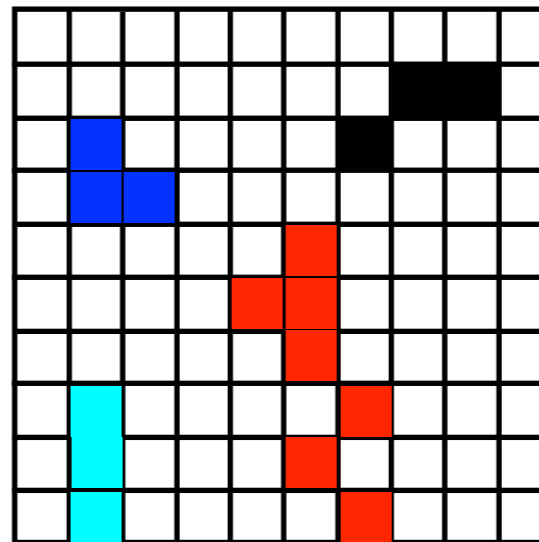
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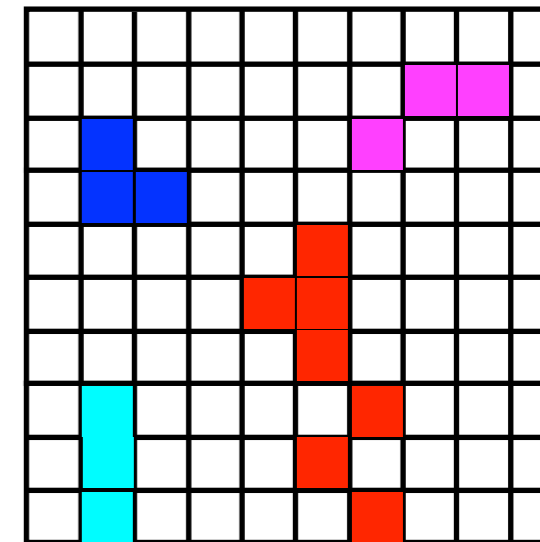
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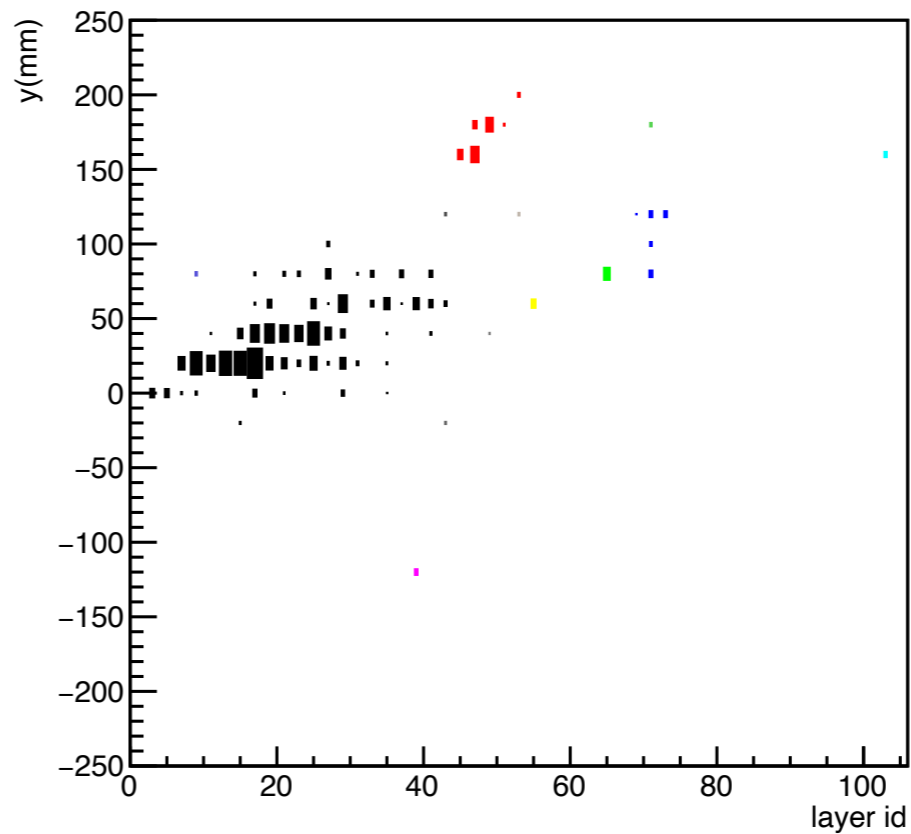
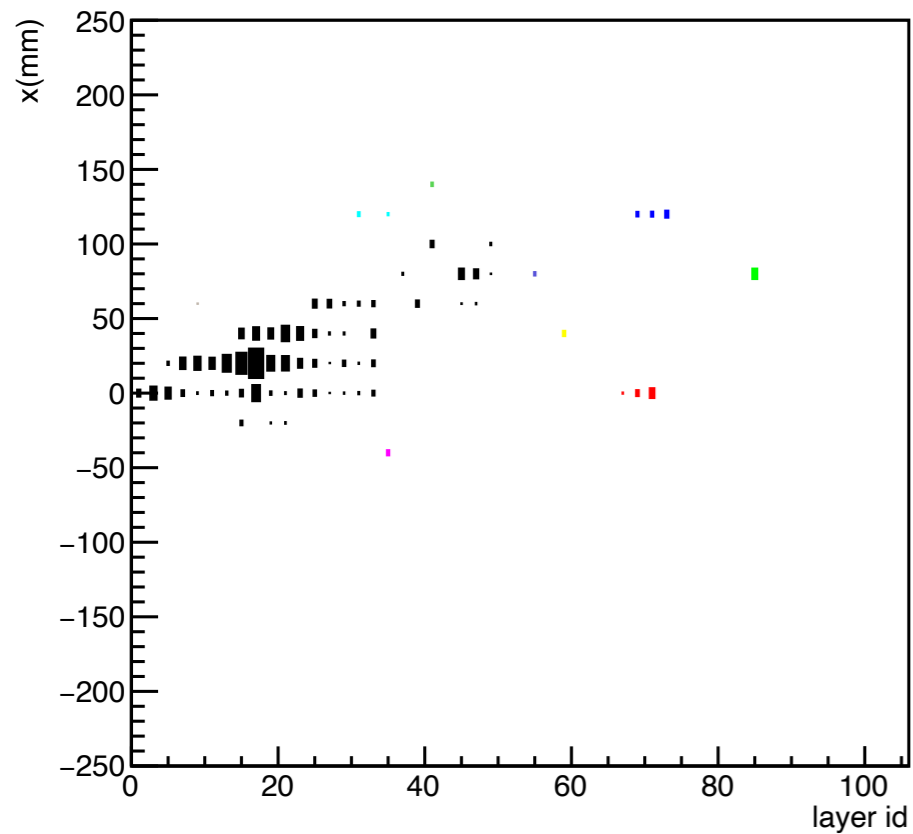
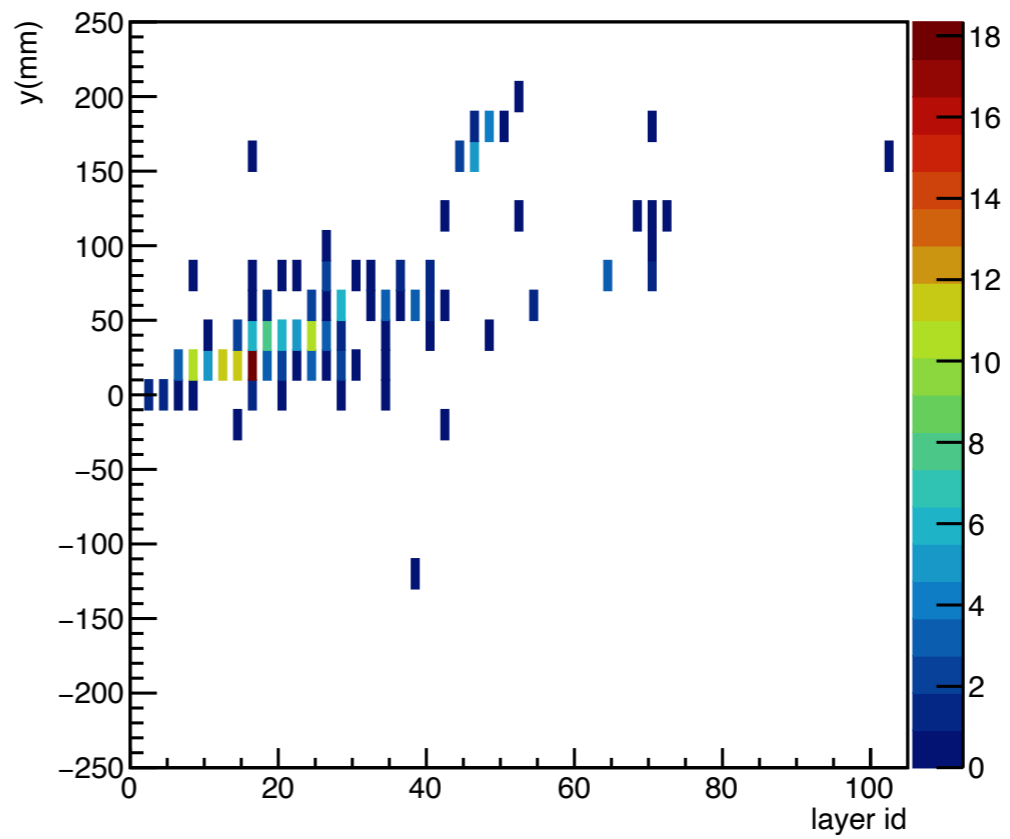
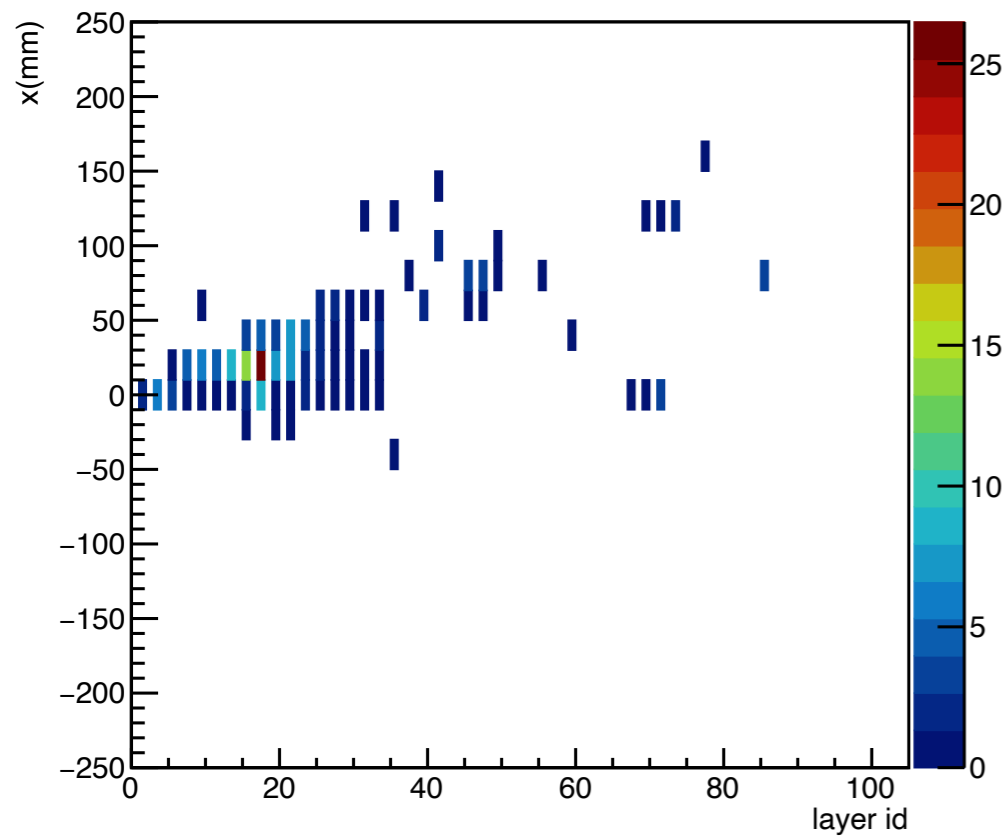
7.



8.

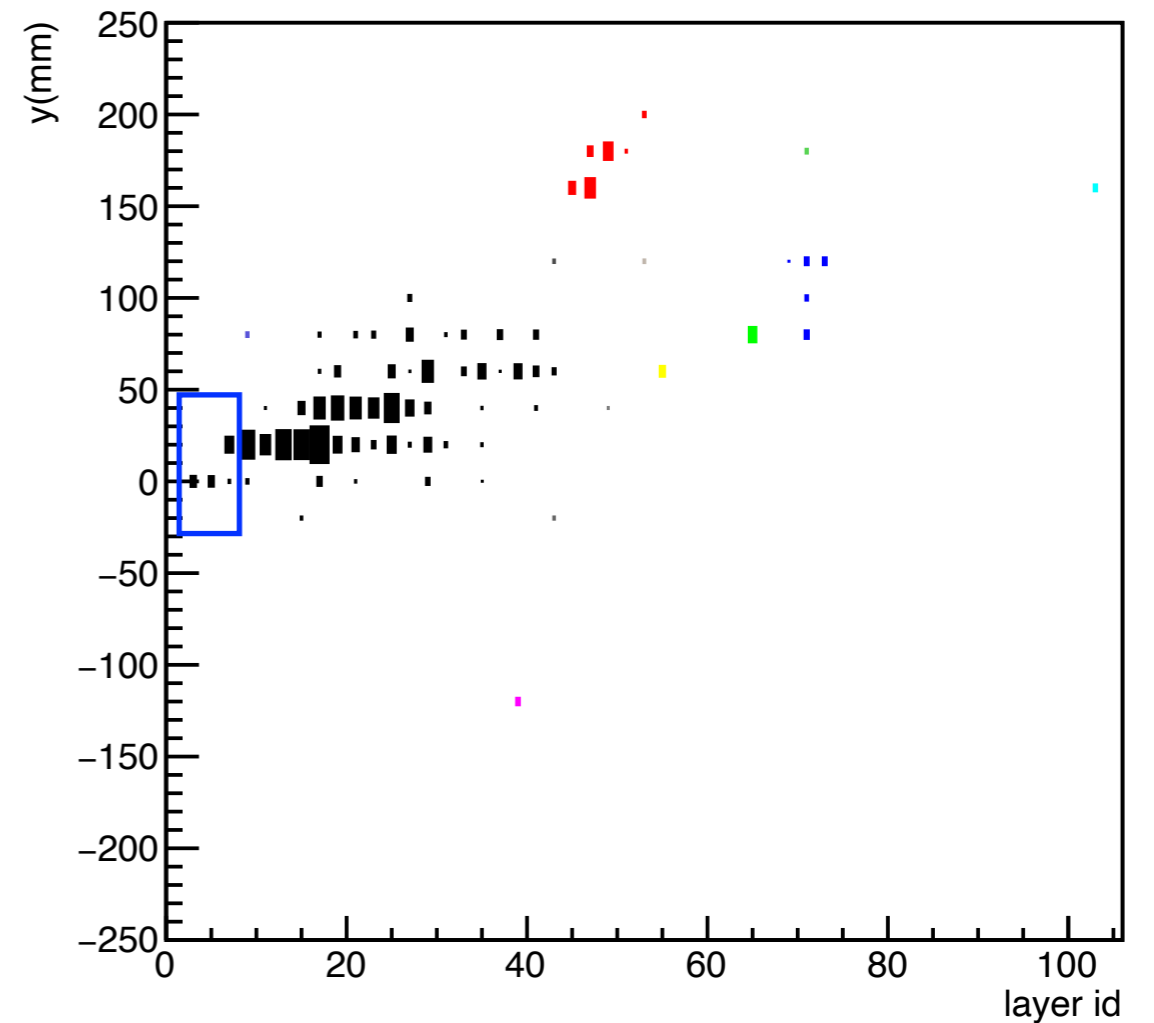
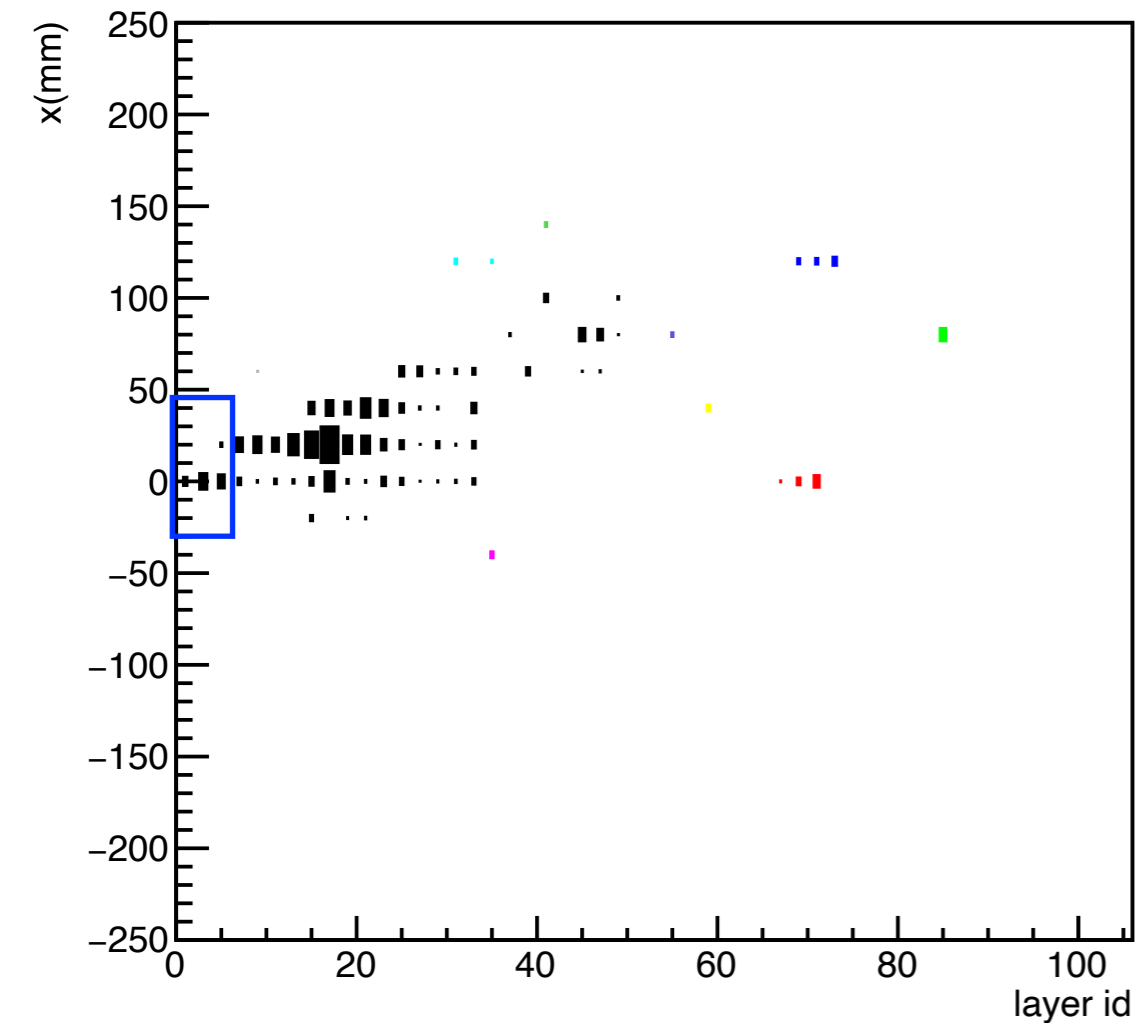


Hit patterns clustering



Clustering

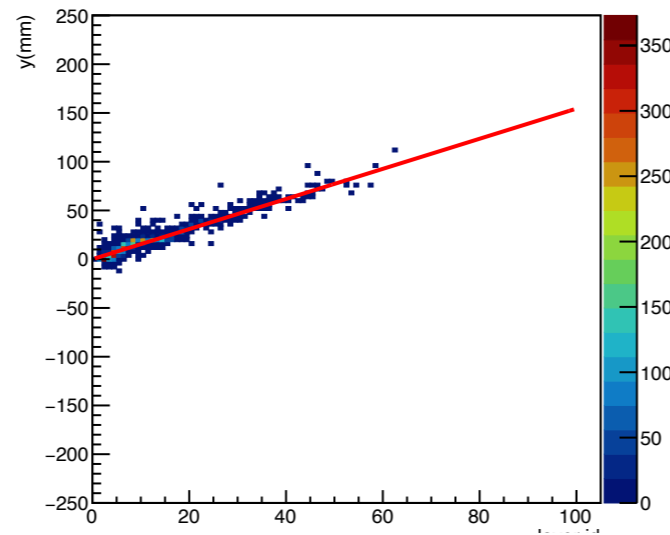
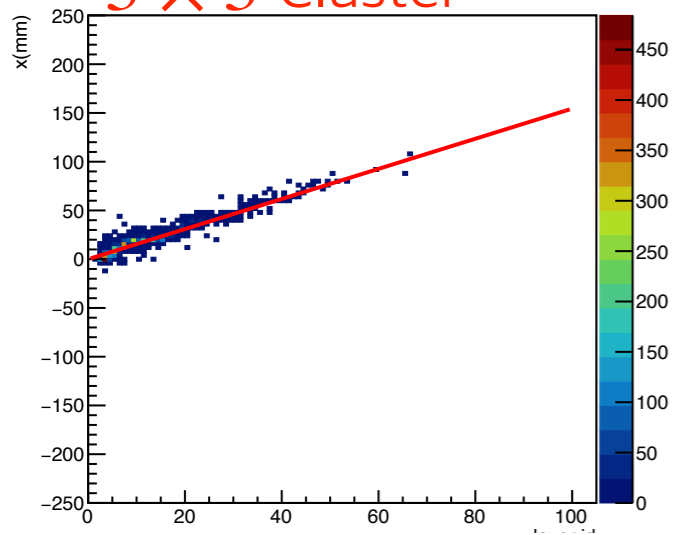
Find a front side x,y position



1. Select the **most energetic cluster**
2. Make energy weighted position with **front three layers**

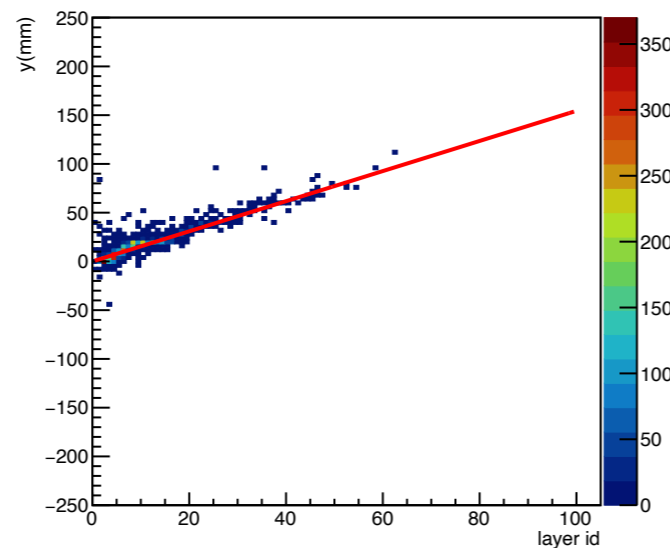
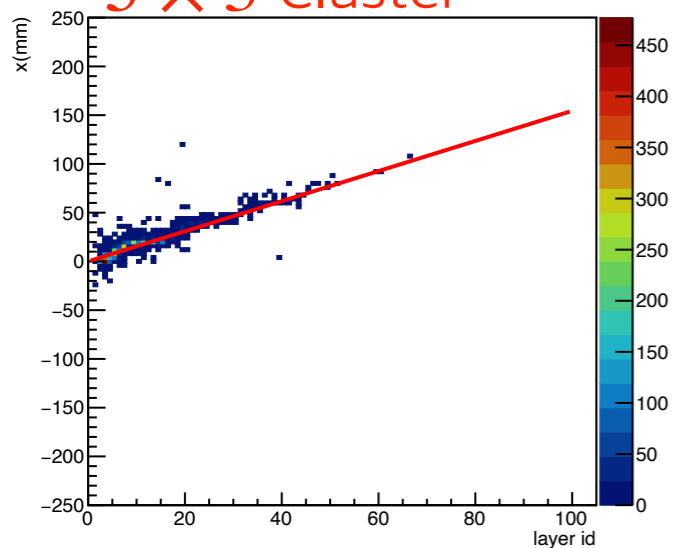
Find a front side x,y position

3 × 3 Cluster



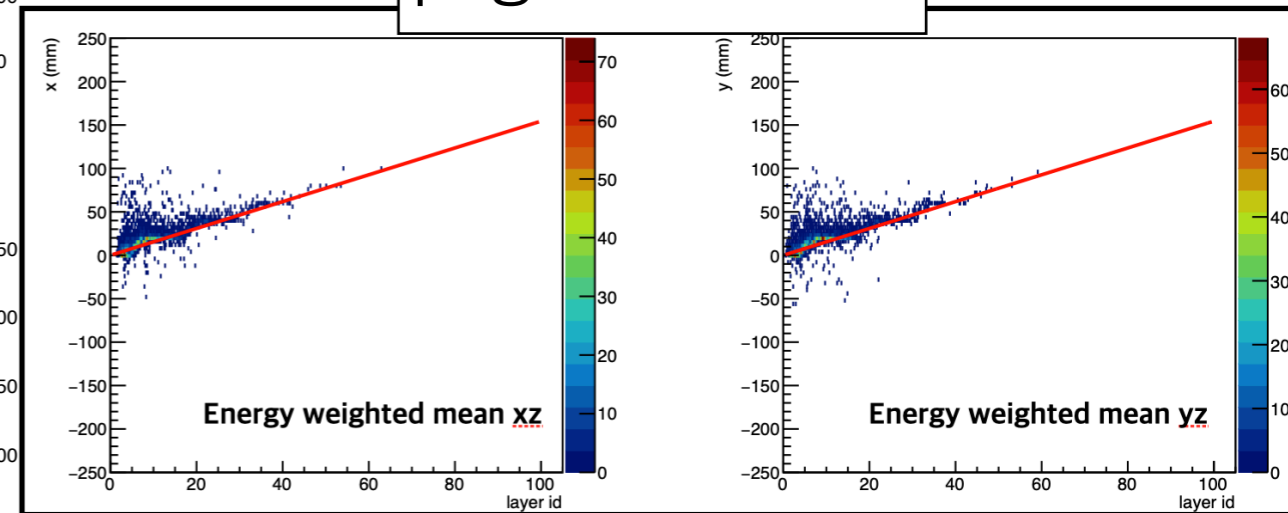
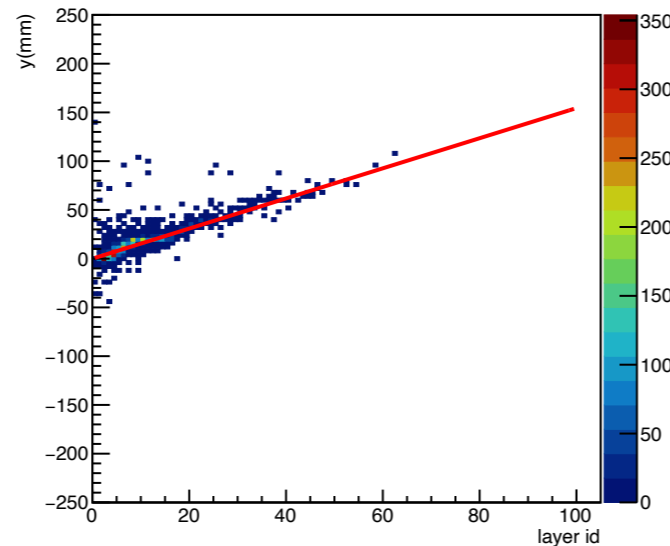
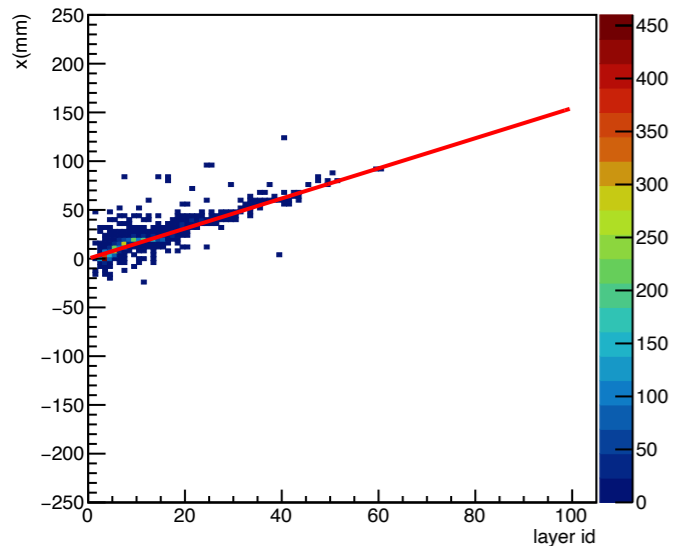
$m \times n$ Clustering
 m : Z direction
 n : X or Y direction

5 × 3 Cluster



page 2 method

5 × 5 Cluster



back up

