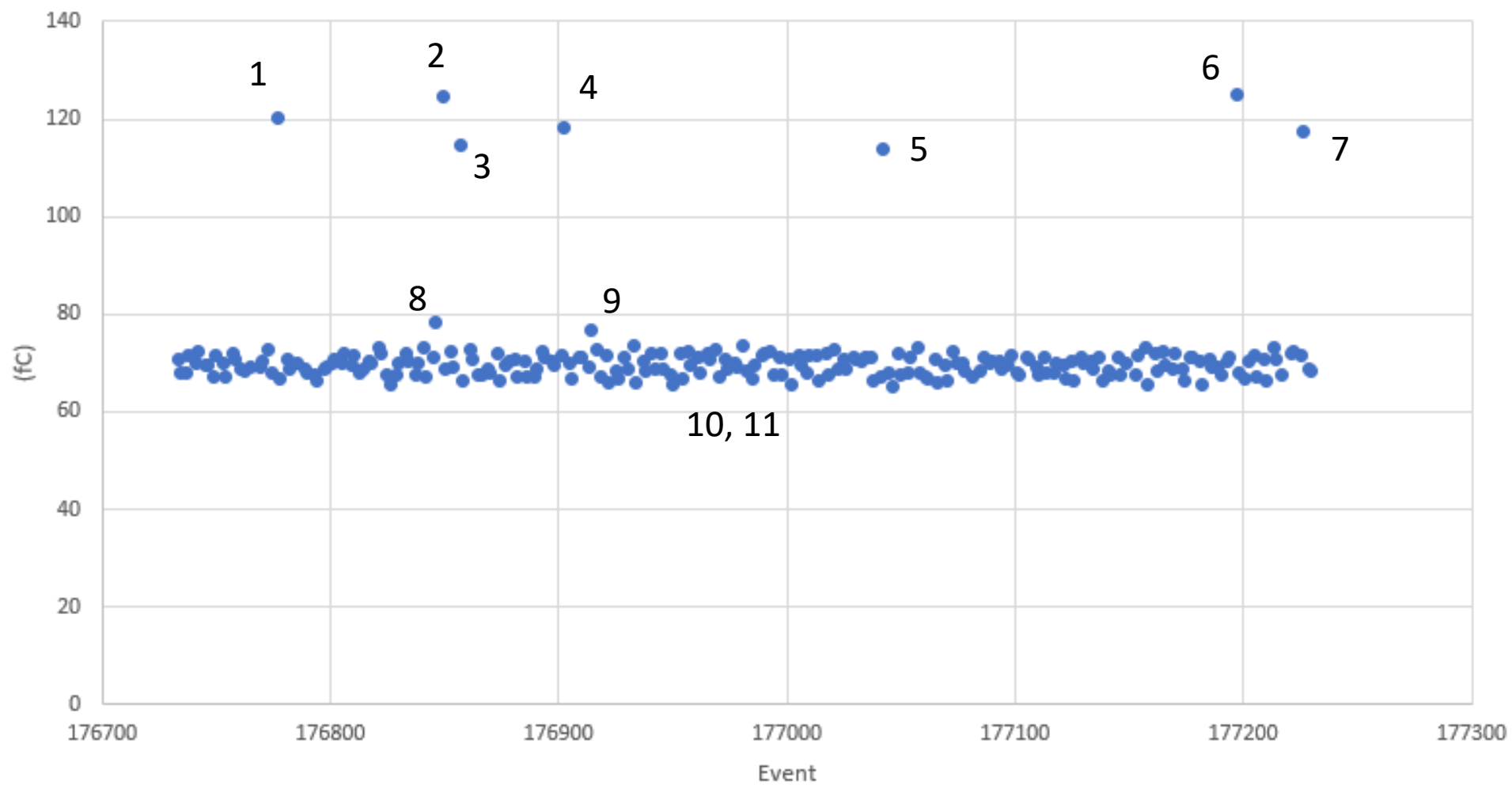
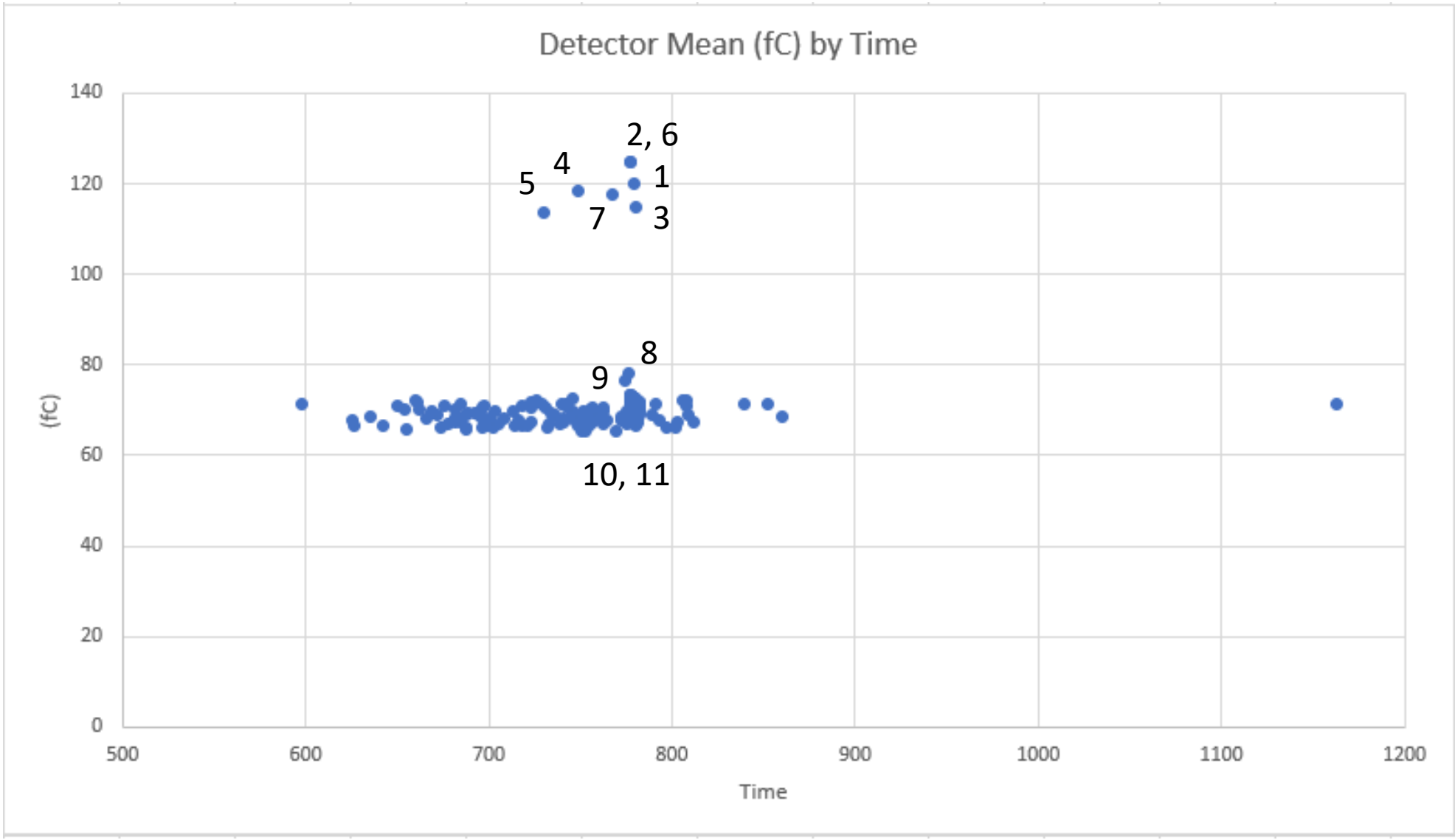


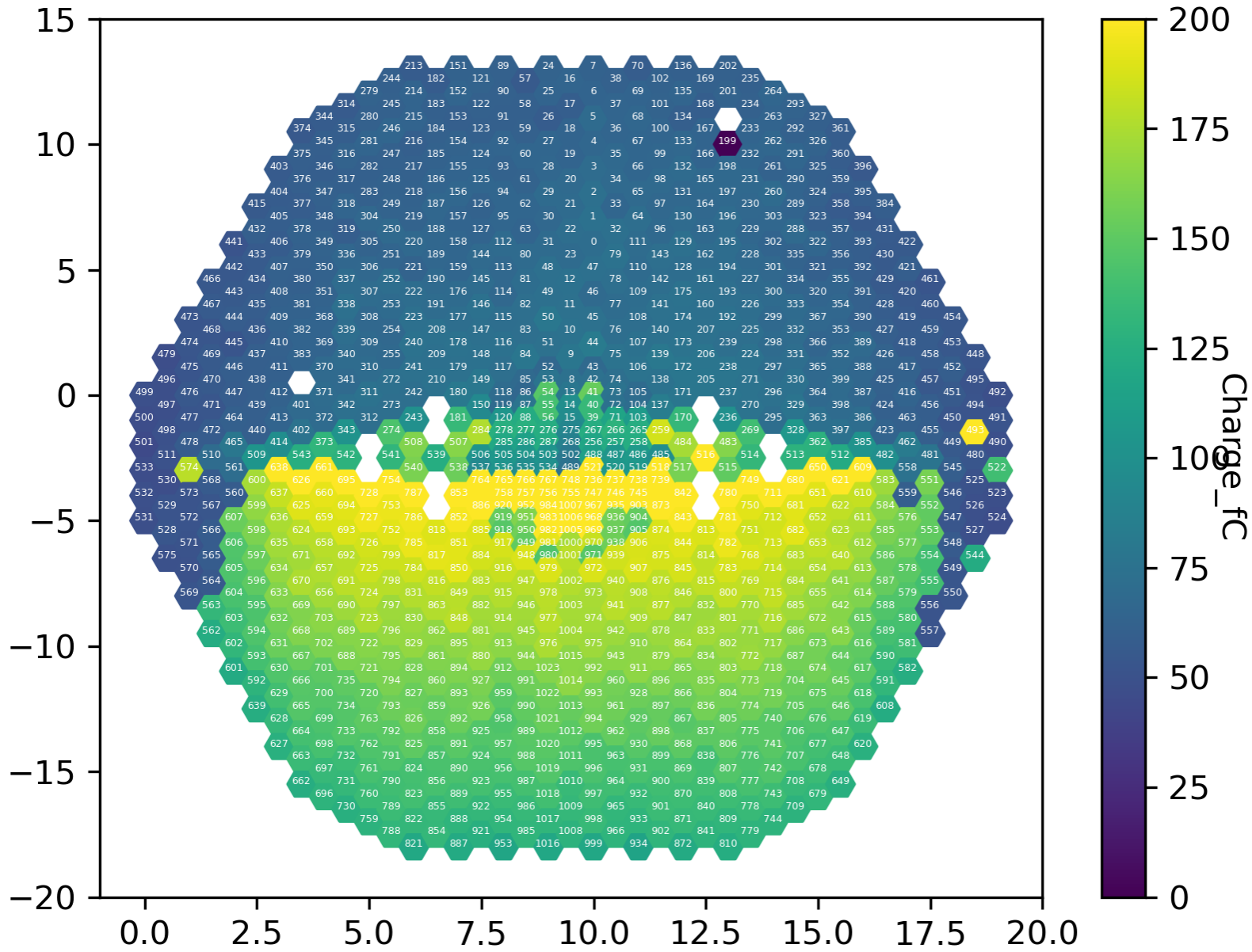
Detector Mean (fC) by Event



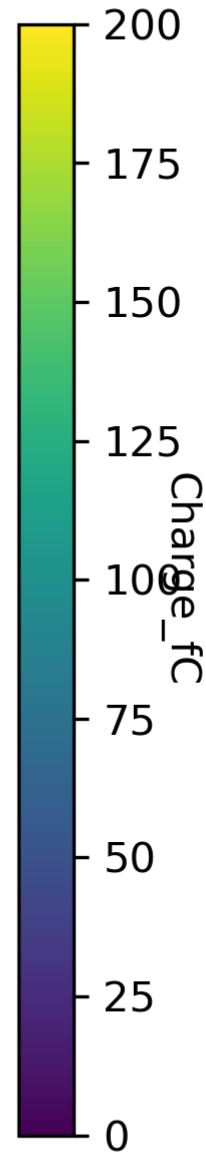
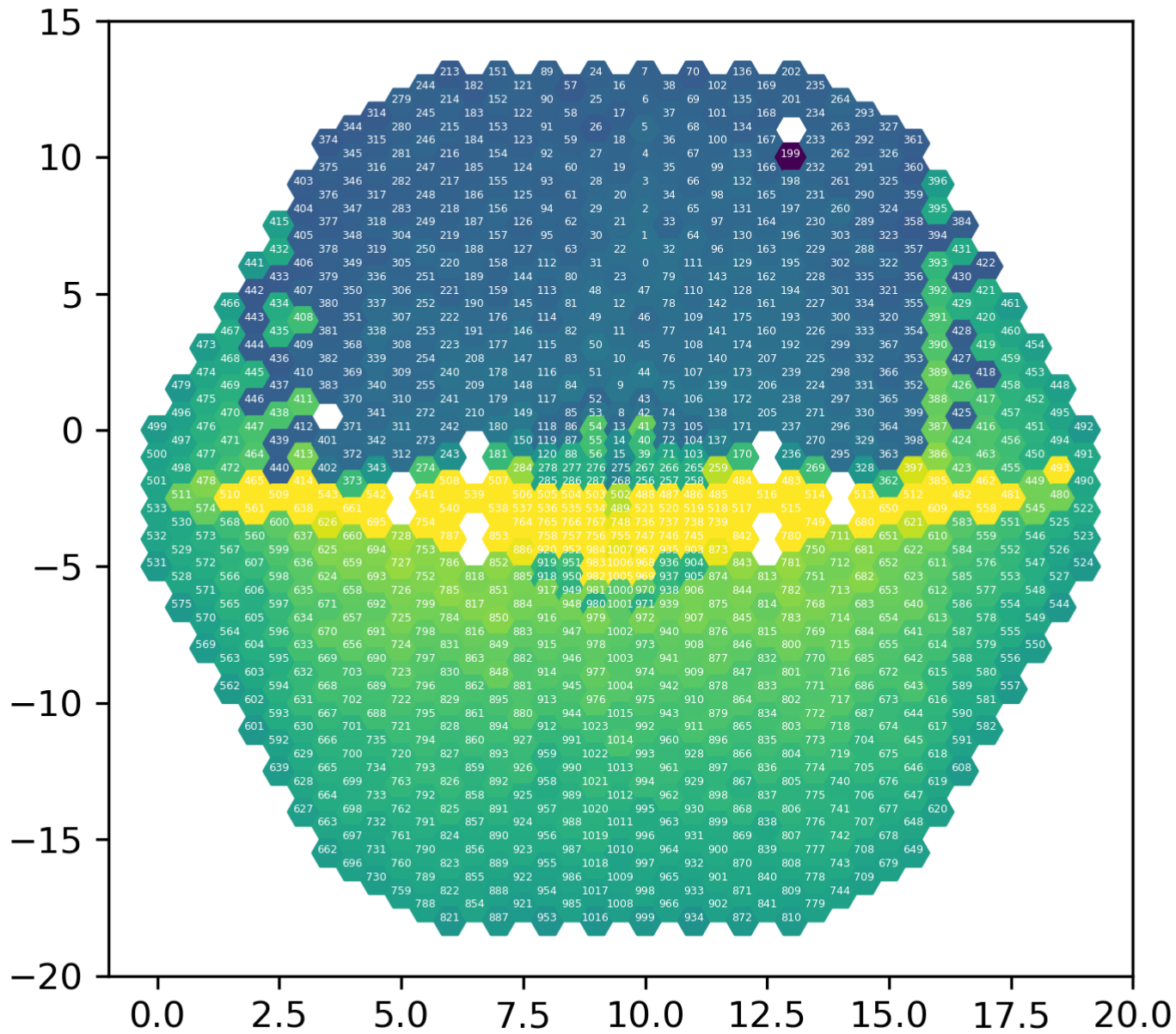
- 1 – Laser On - 779
- 2 – Laser On - 777
- 3 – Laser On - 780
- 4 – Laser Off - 749
- 5 – Laser Off - 730
- 6 – Laser On - 777
- 7 – Laser Off - 767
- 8 – Laser Off - 776
- 9 – Laser On - 779
- 10 – Laser Off - 778
- 11 – Laser On - 778



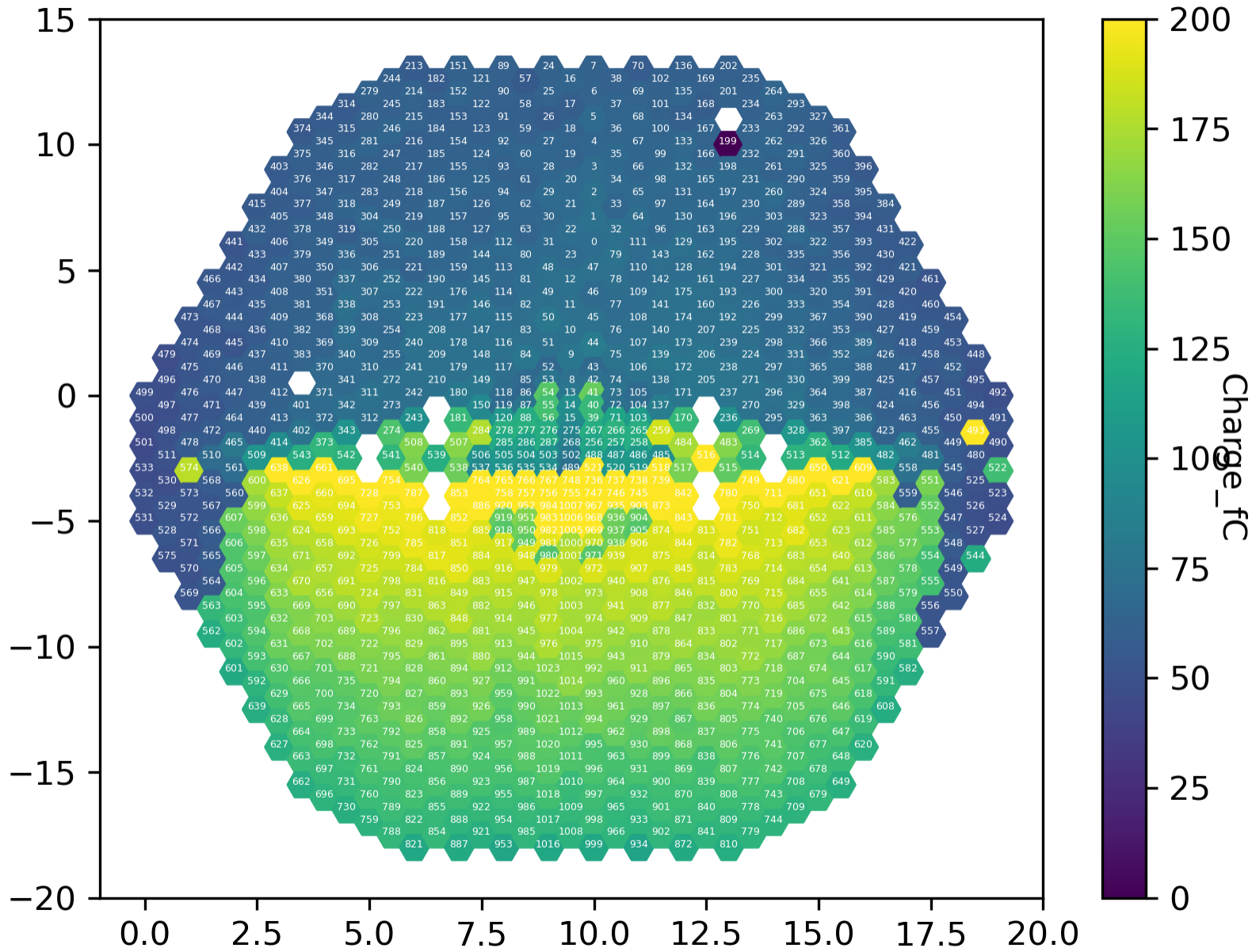
- 1 – Laser On - 779
- 2 – Laser On - 777
- 3 – Laser On - 780
- 4 – Laser Off - 749
- 5 – Laser Off - 730
- 6 – Laser On - 777
- 7 – Laser Off - 767
- 8 – Laser Off - 776
- 9 – Laser On - 779
- 10 – Laser Off - 778
- 11 – Laser On - 778



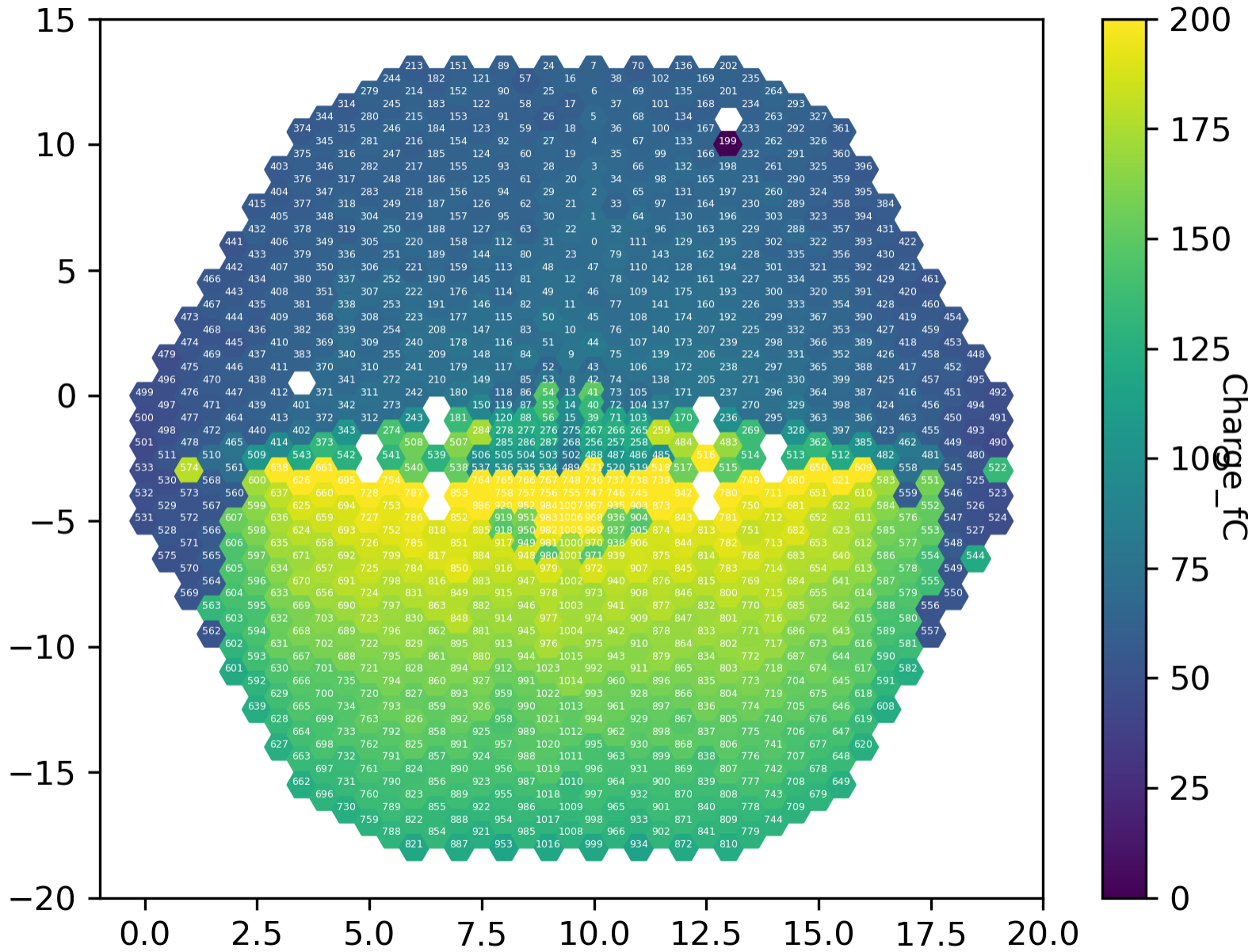
- 1 – Laser On - 779
- 2 – Laser On - 777
- 3 – Laser On - 780
- 4 – Laser Off - 749
- 5 – Laser Off - 730
- 6 – Laser On - 777
- 7 – Laser Off - 767
- 8 – Laser Off - 776
- 9 – Laser On - 779
- 10 – Laser Off - 778
- 11 – Laser On - 778



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- 6 – Laser On - 777
- 7 – Laser Off - 767
- 8 – Laser Off - 776
- 9 – Laser On - 779
- 10 – Laser Off - 778
- 11 – Laser On - 778

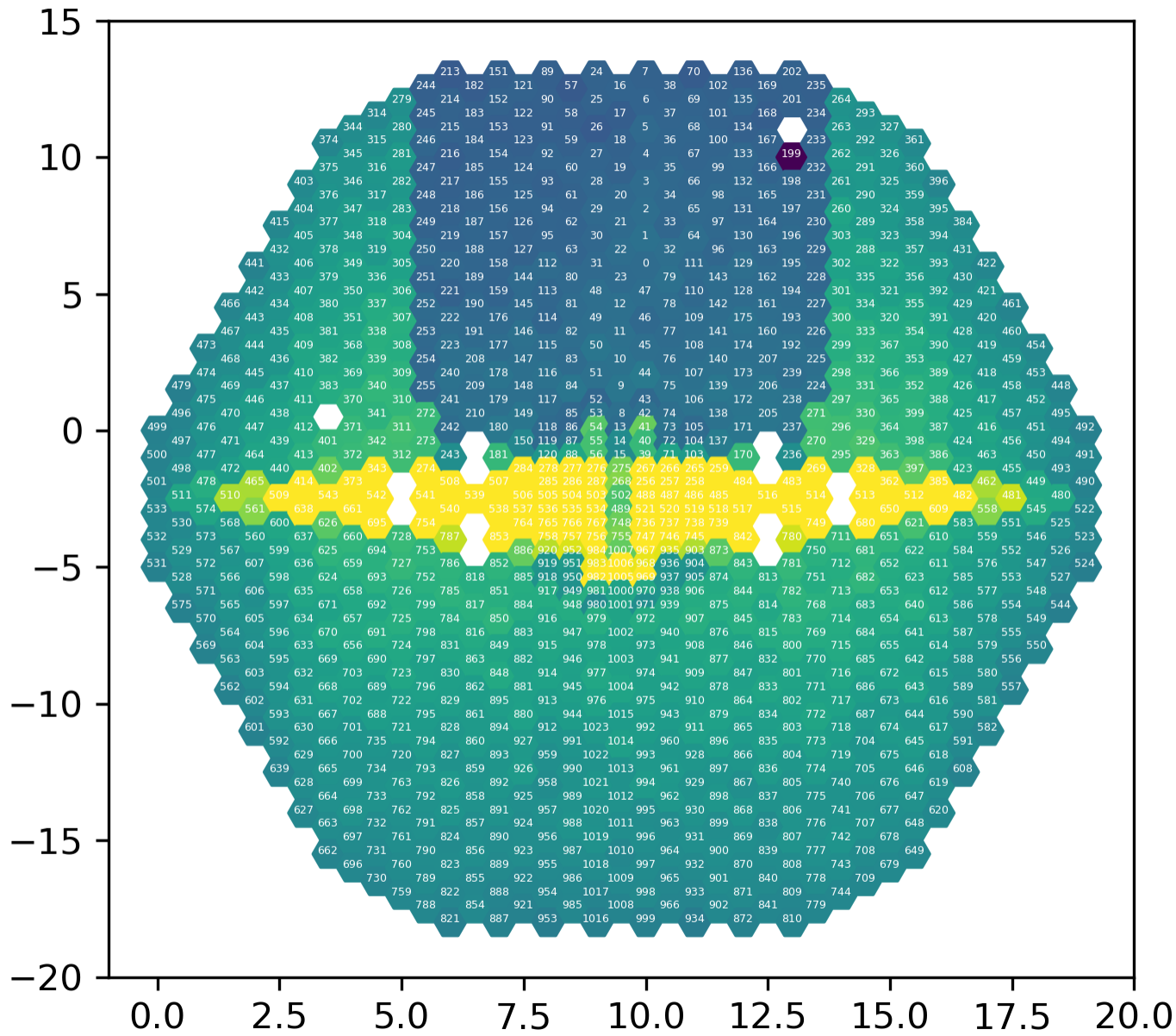


- 1 – Laser On - 779
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- 4 – Laser Off - 749
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- 6 – Laser On - 777
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- 8 – Laser Off - 776
- 9 – Laser On - 779
- 10 – Laser Off - 778
- 11 – Laser On - 778

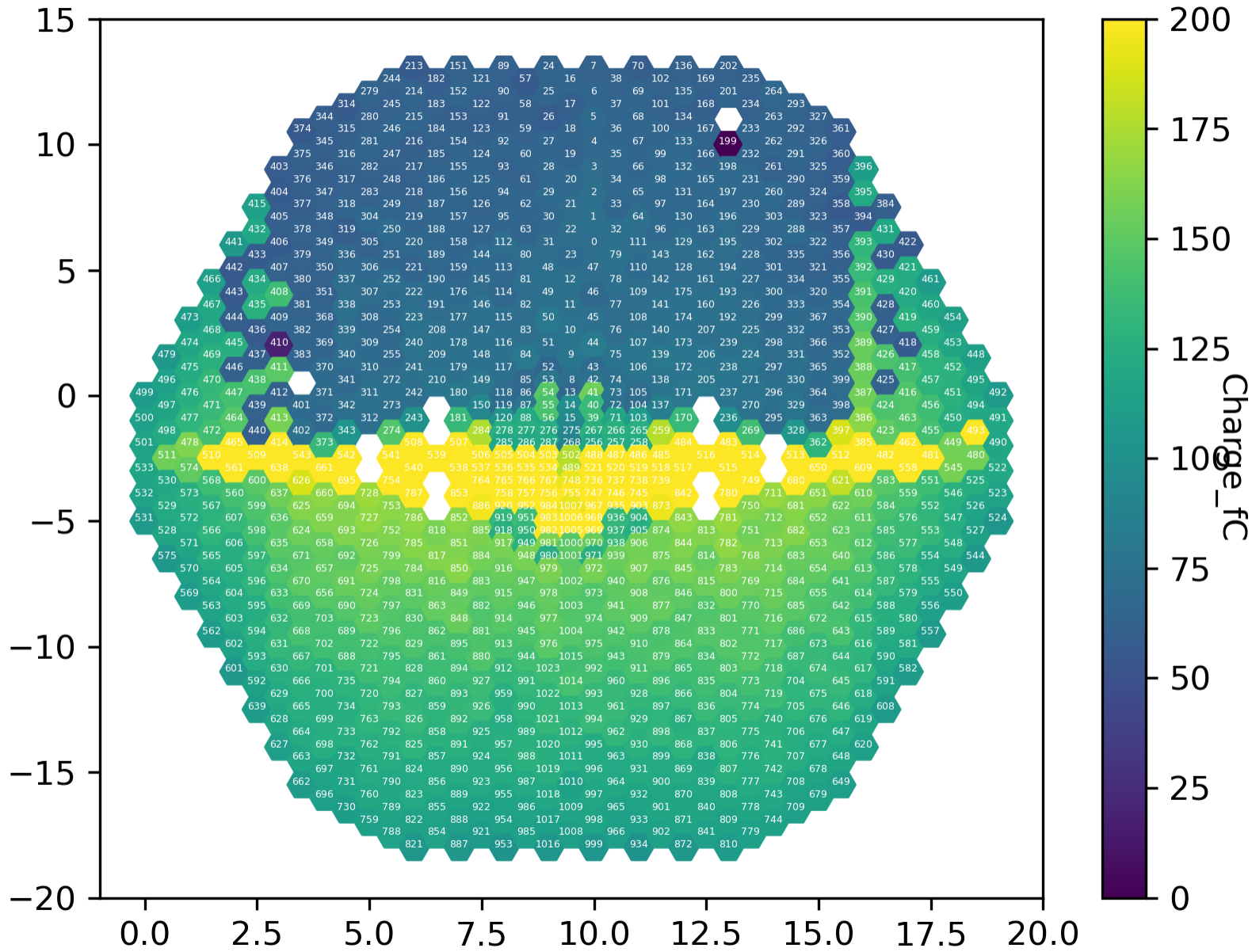


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- 7 – Laser Off - 767
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- 10 – Laser Off - 778
- 11 – Laser On - 778



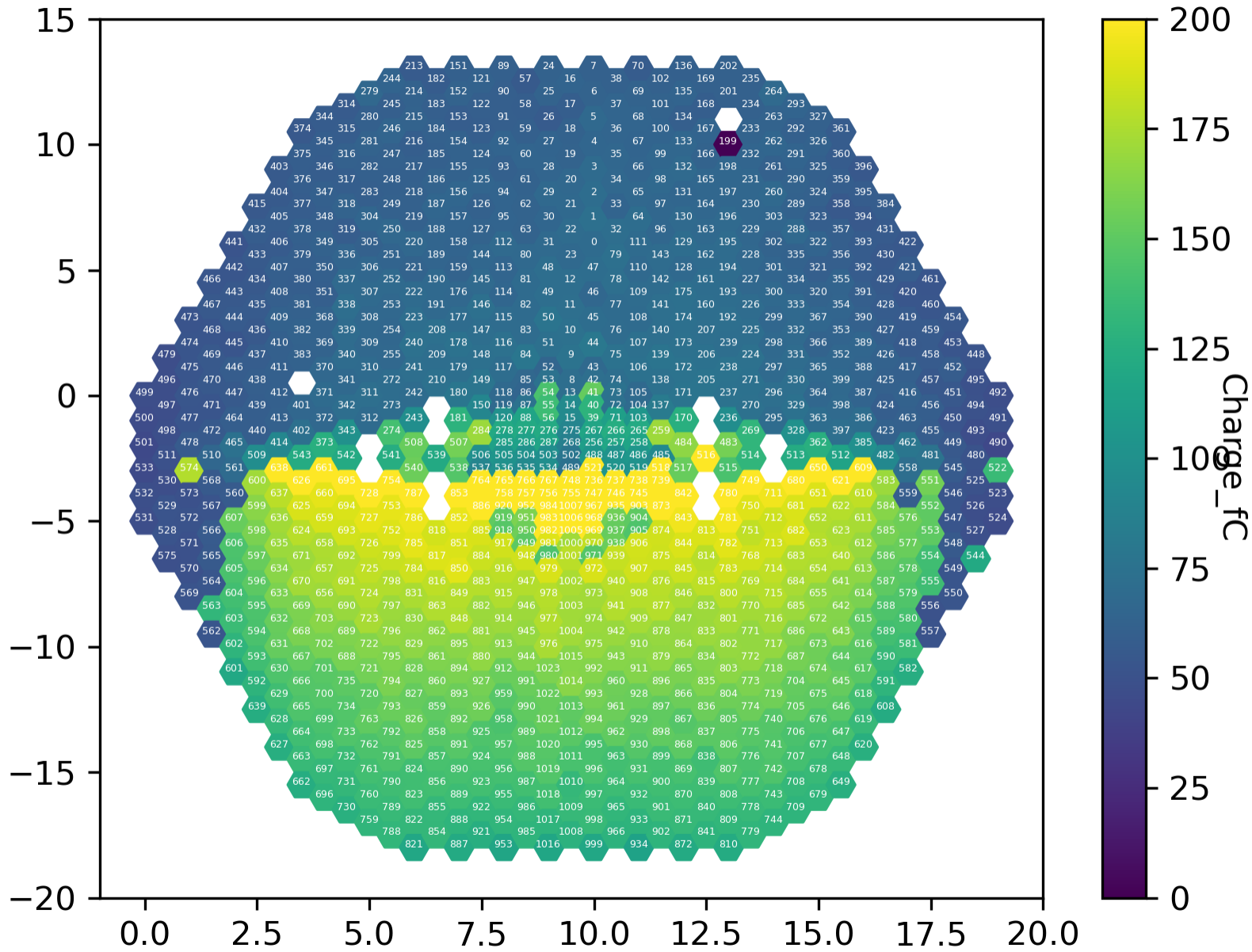


- 1 – Laser On - 779
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- 9 – Laser On - 779
- 10 – Laser Off - 778
- 11 – Laser On - 778

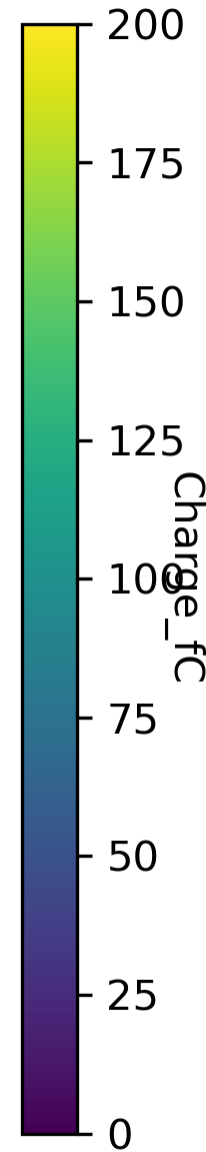
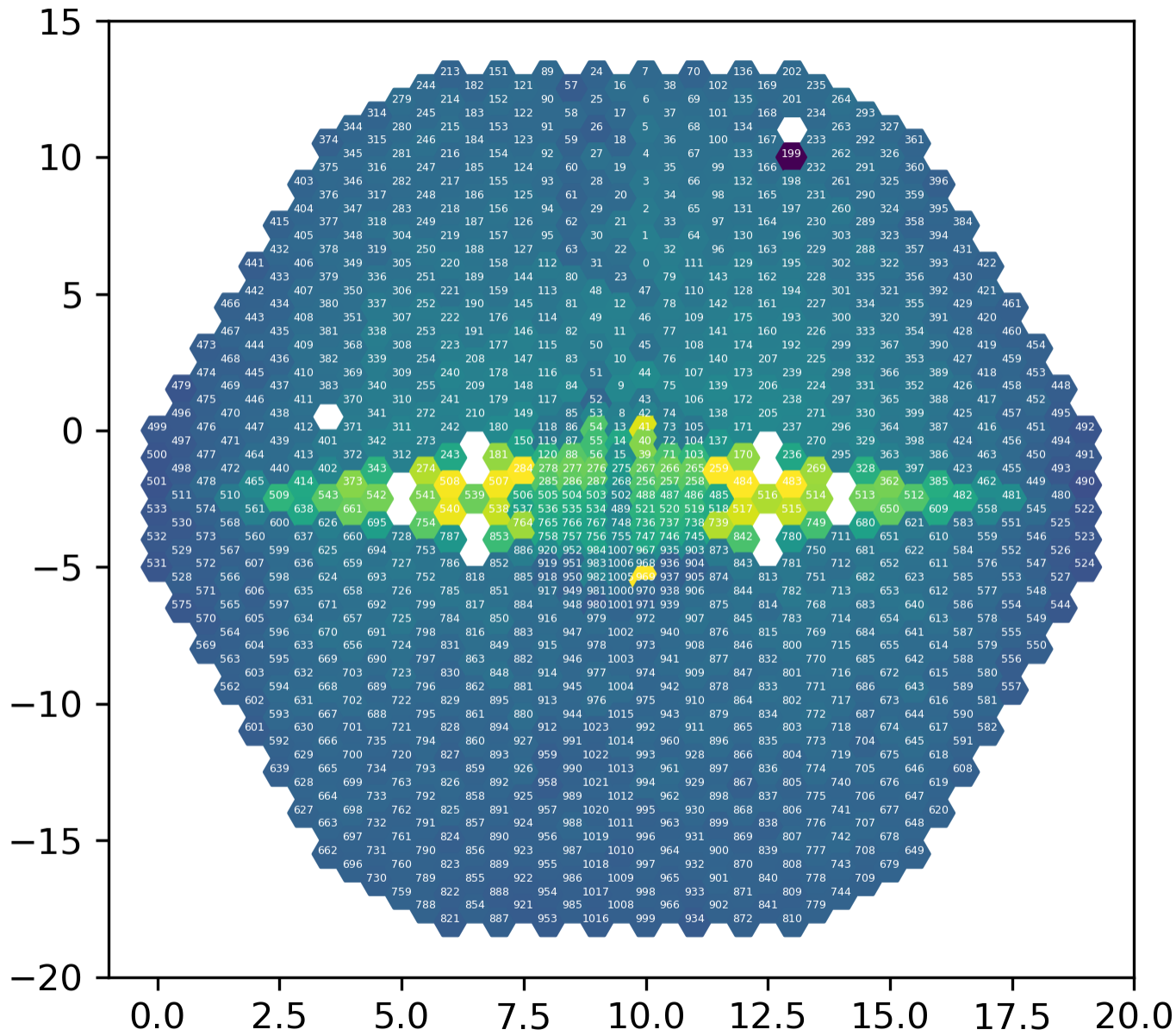


- 1 – Laser On - 779
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- 9 – Laser On - 779
- 10 – Laser Off - 778
- 11 – Laser On - 778



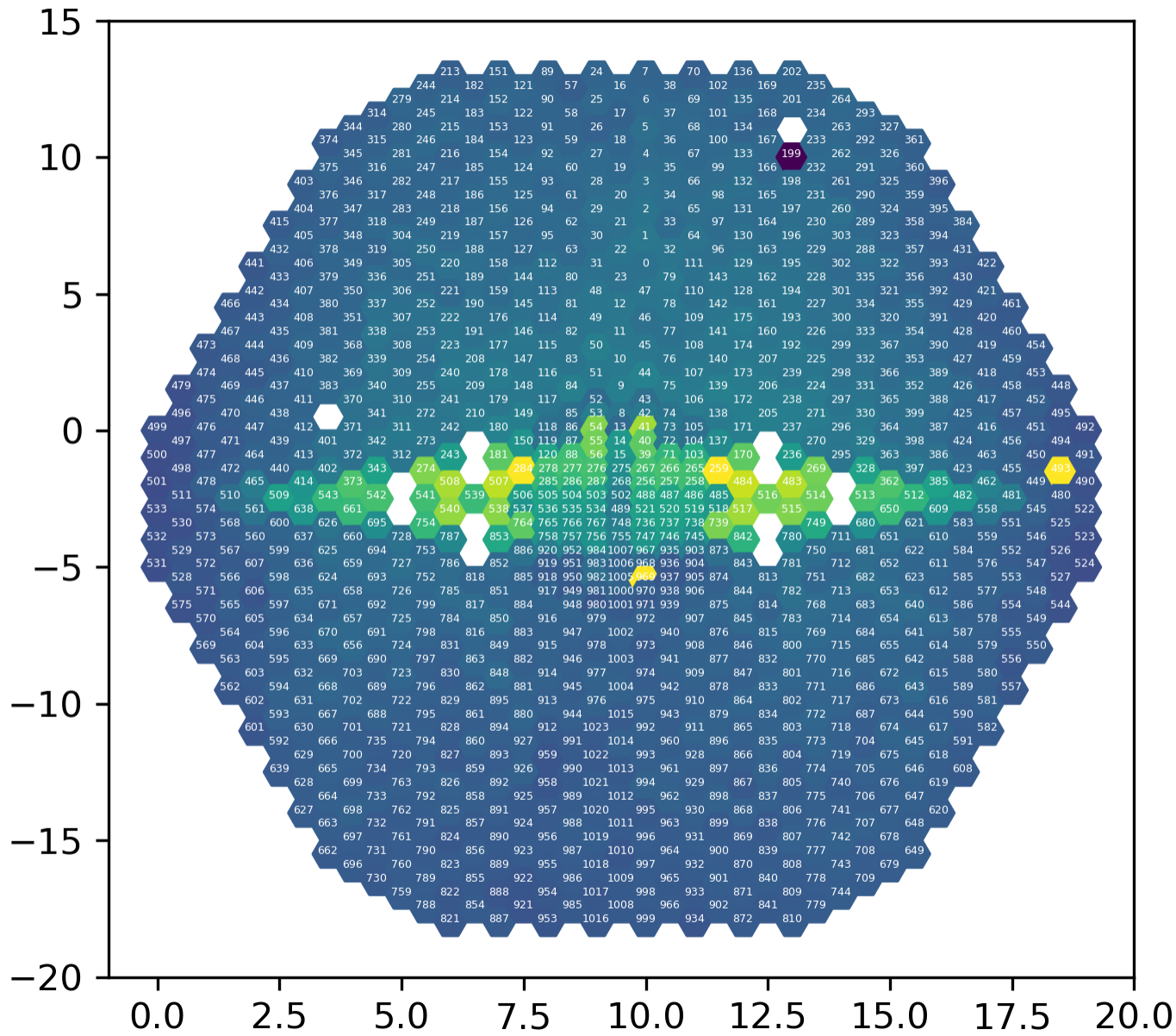


- 1 – Laser On - 779
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- 6 – Laser On - 777
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- 8 – Laser Off - 776
- 9 – Laser On - 779
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- 11 – Laser On - 778



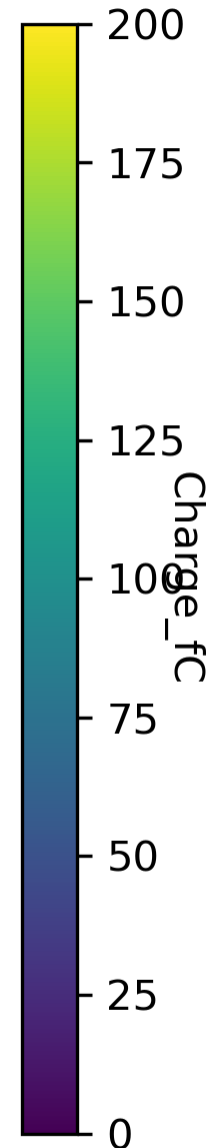
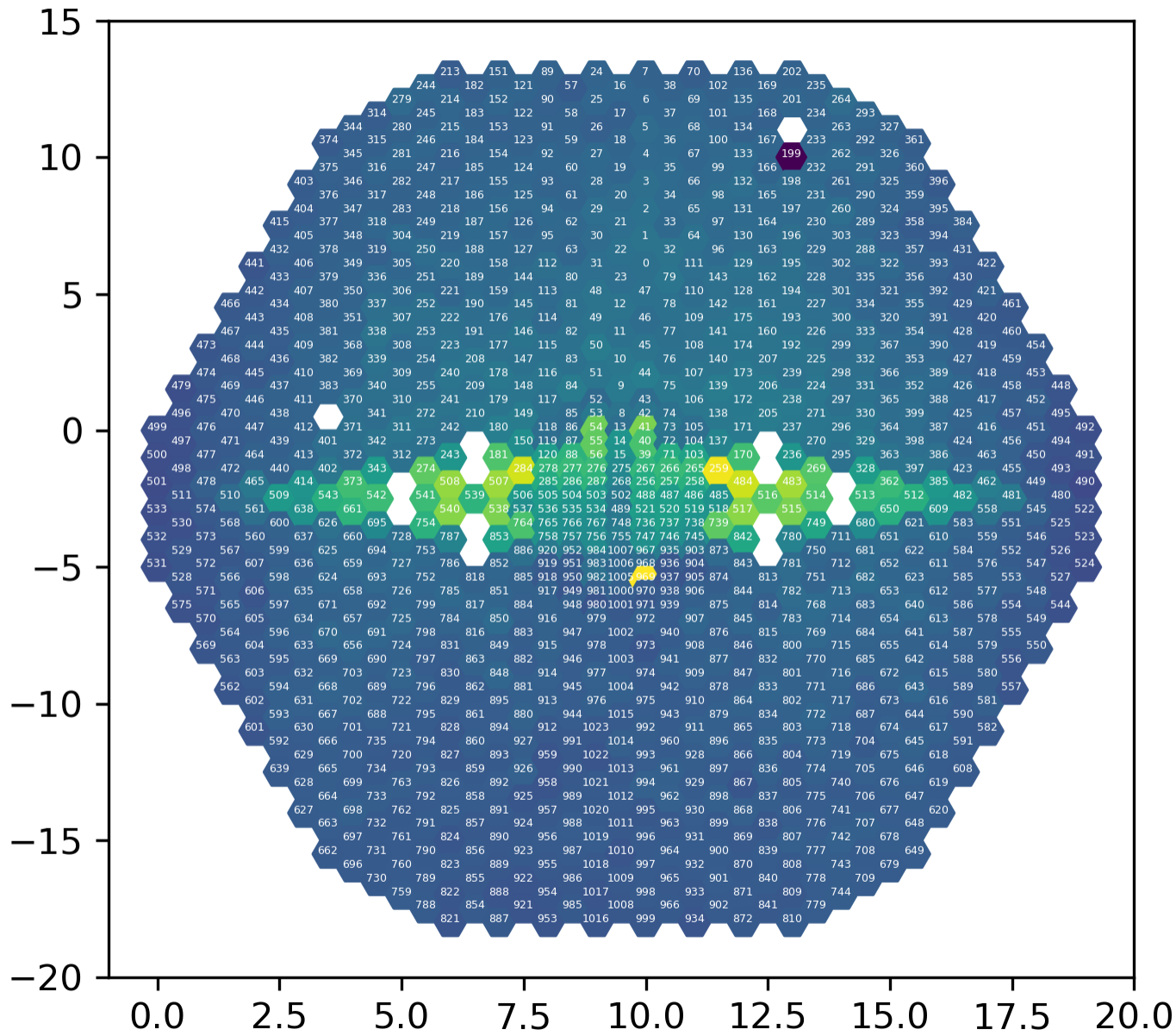
- 1 – Laser On - 779
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Slightly elevated  
Detector Mean



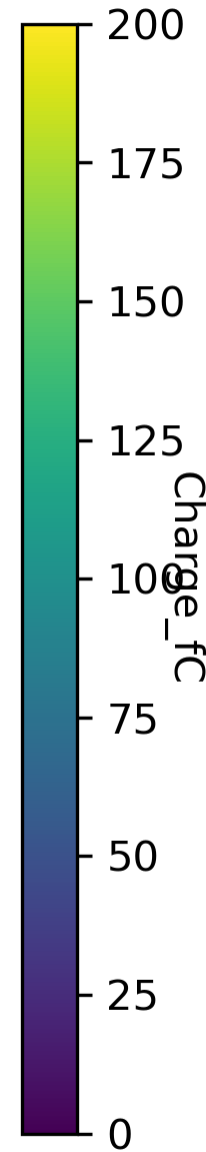
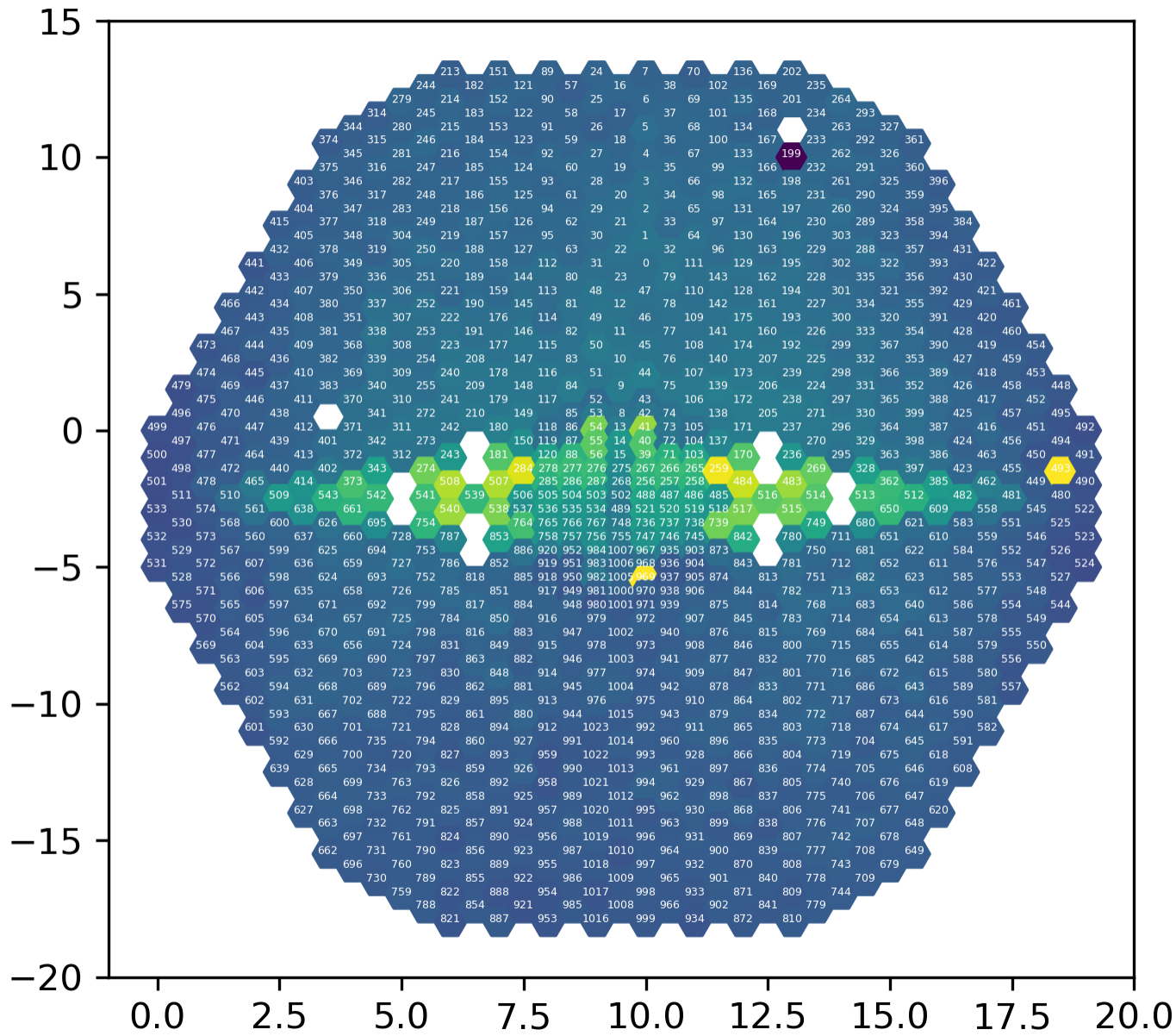
- 1 – Laser On - 779
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Slightly elevated  
Detector Mean



Typical Event

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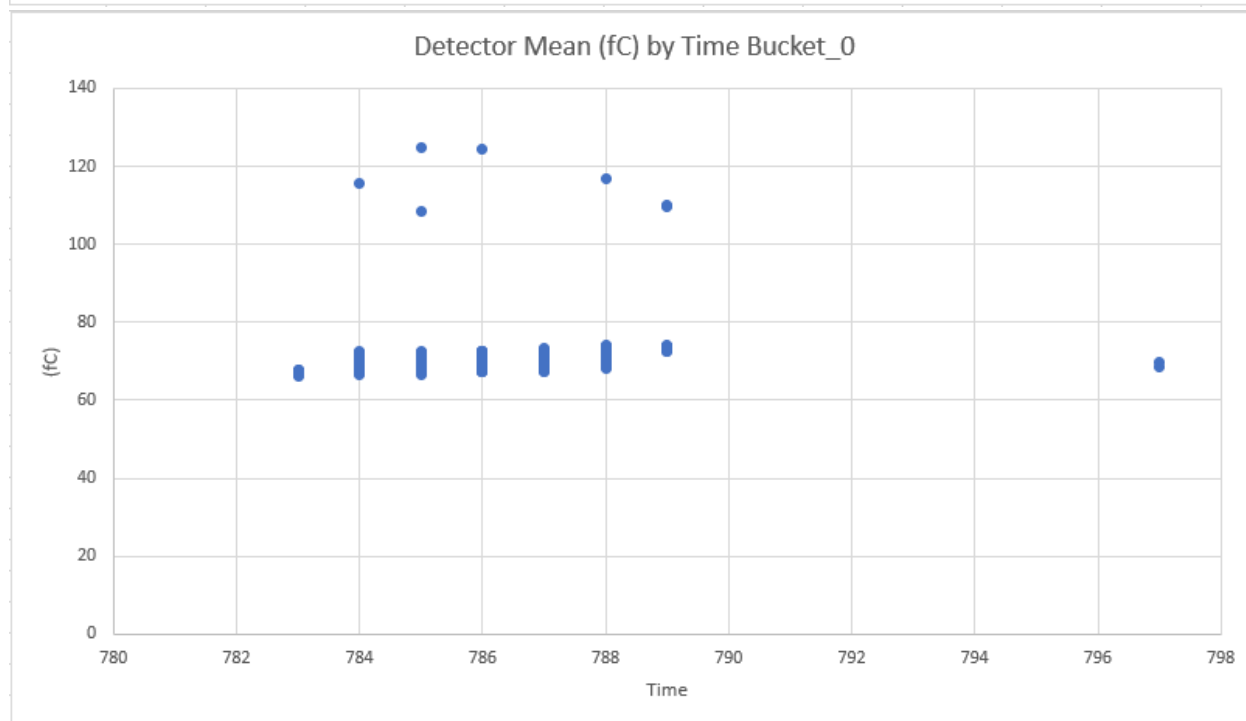
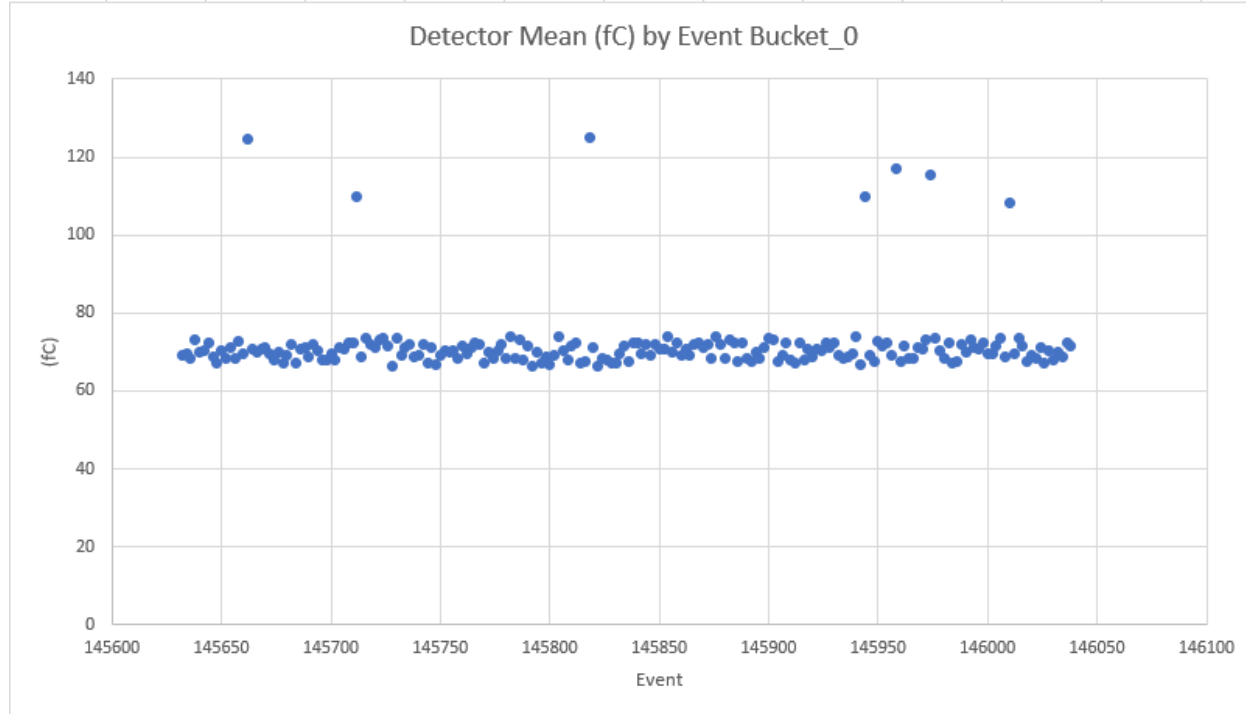
- 1 – Laser On - 779
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- 4 – Laser Off - 749
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- 7 – Laser Off - 767
- 8 – Laser Off - 776
- 9 – Laser On - 779
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- 11 – Laser On - 778

Typical Event

NEW

External triggers, all  
buckets, no laser

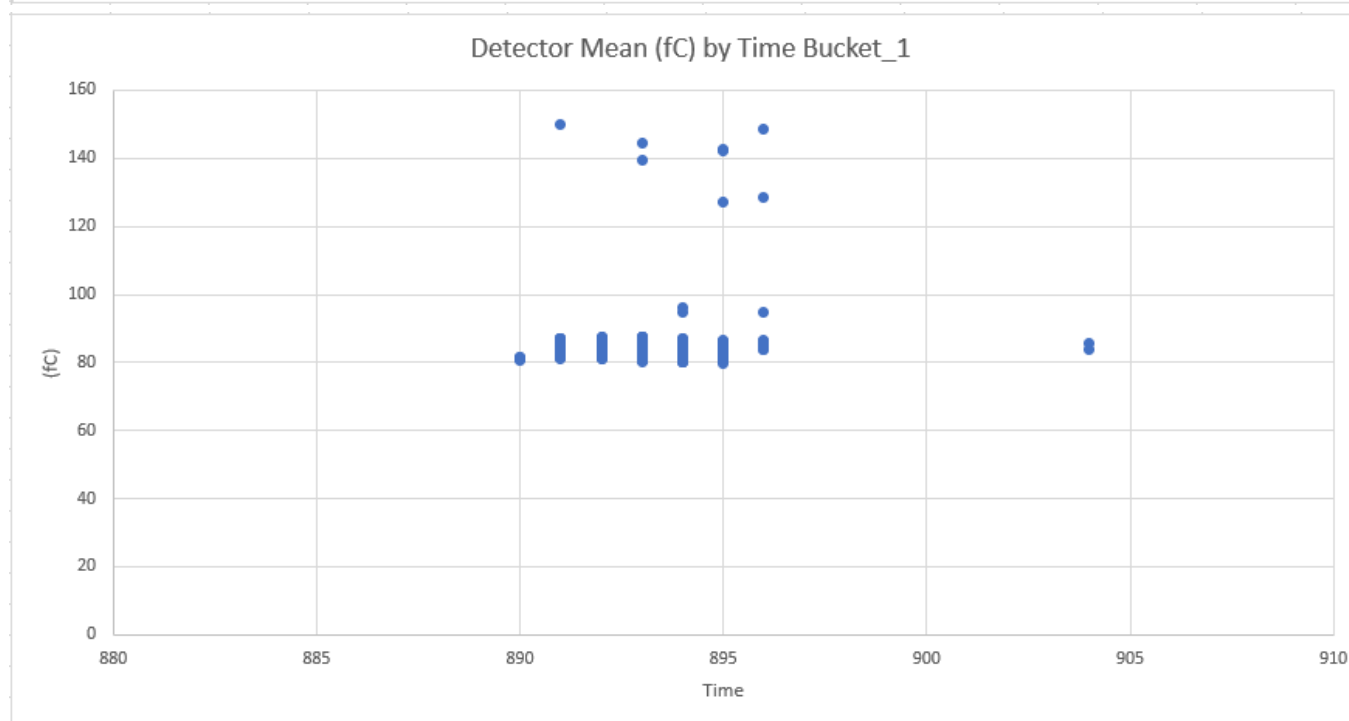
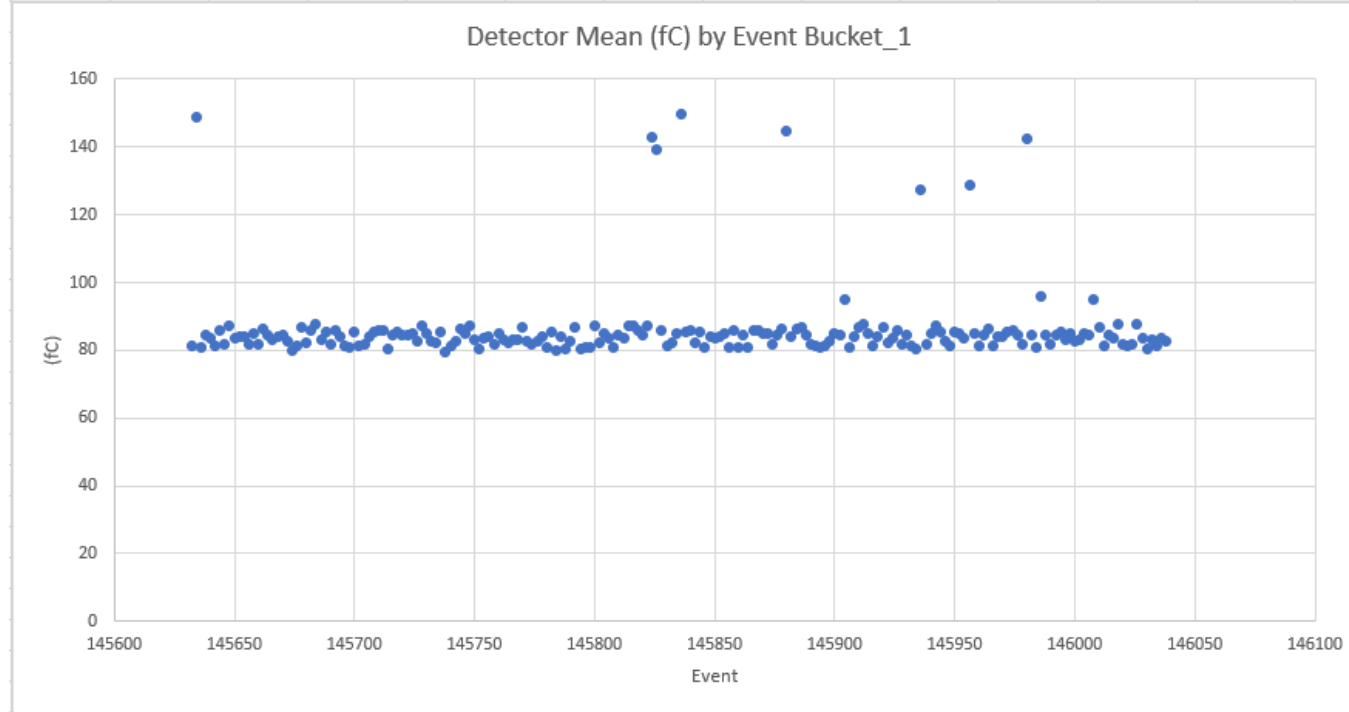
Bucket\_0





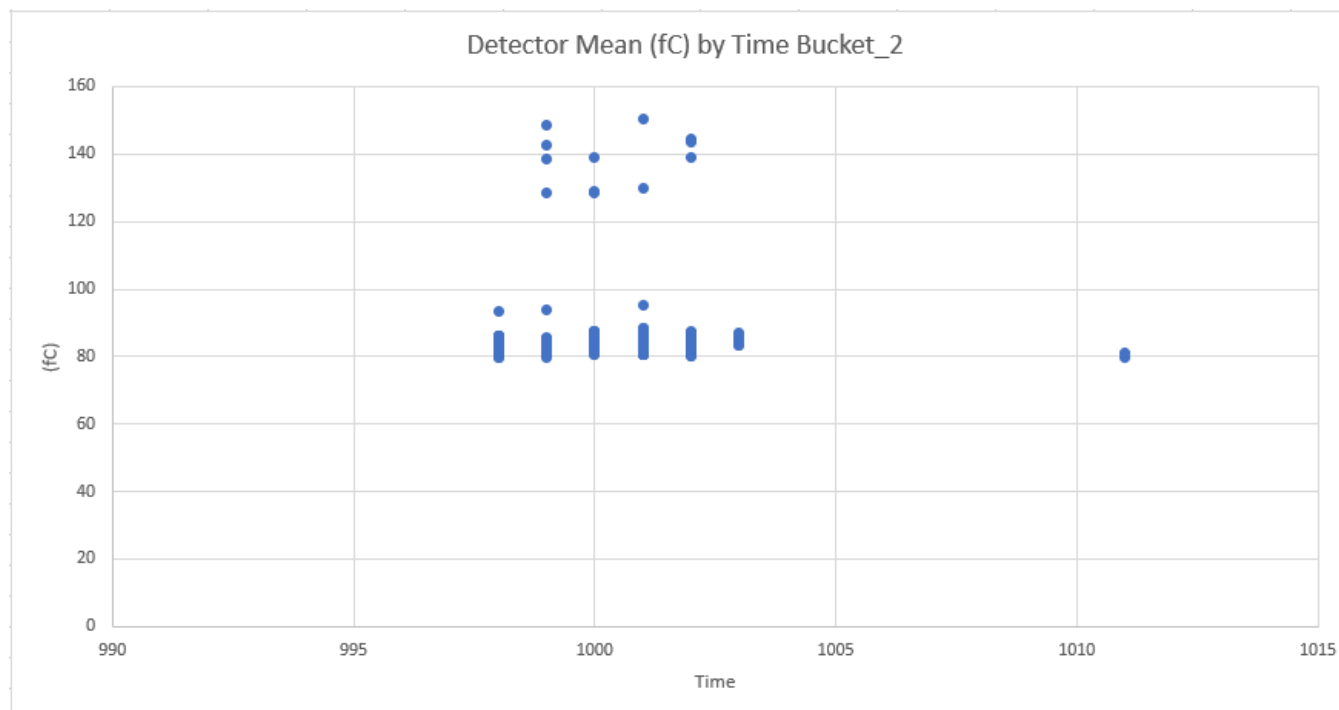
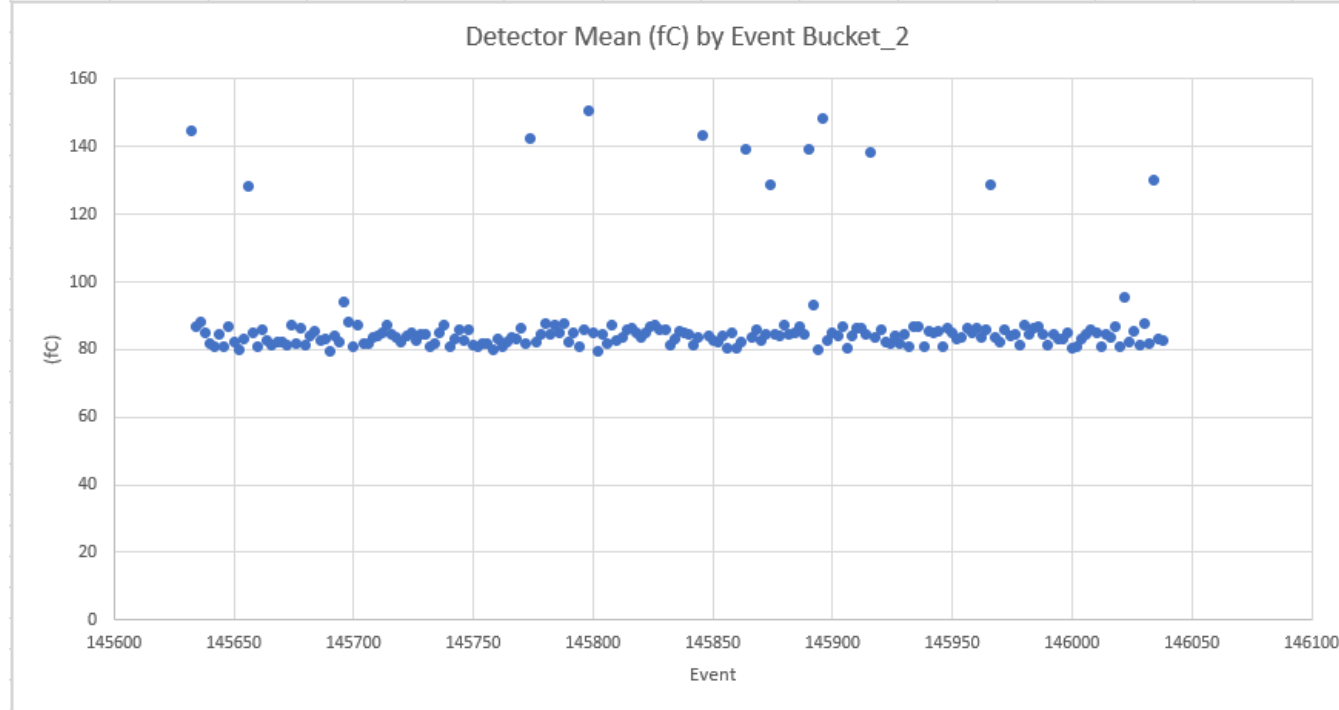
External triggers, all  
buckets, no laser

Bucket\_1



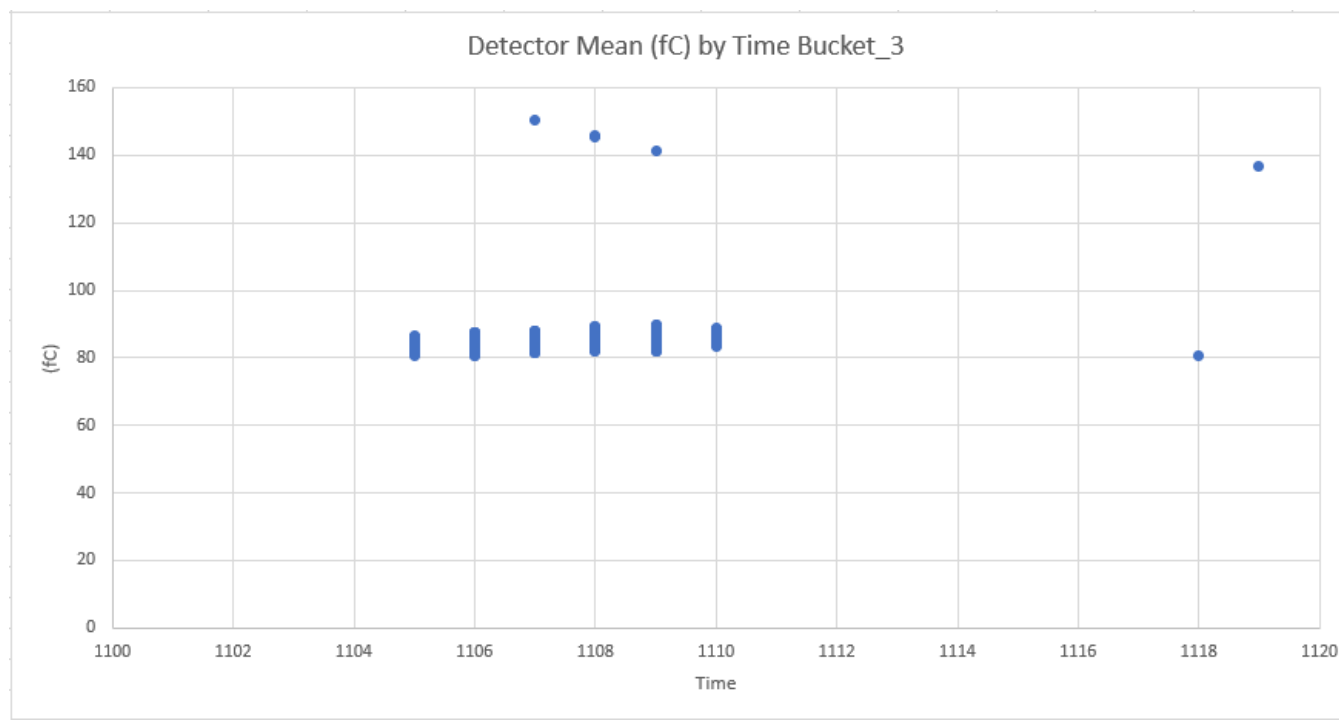
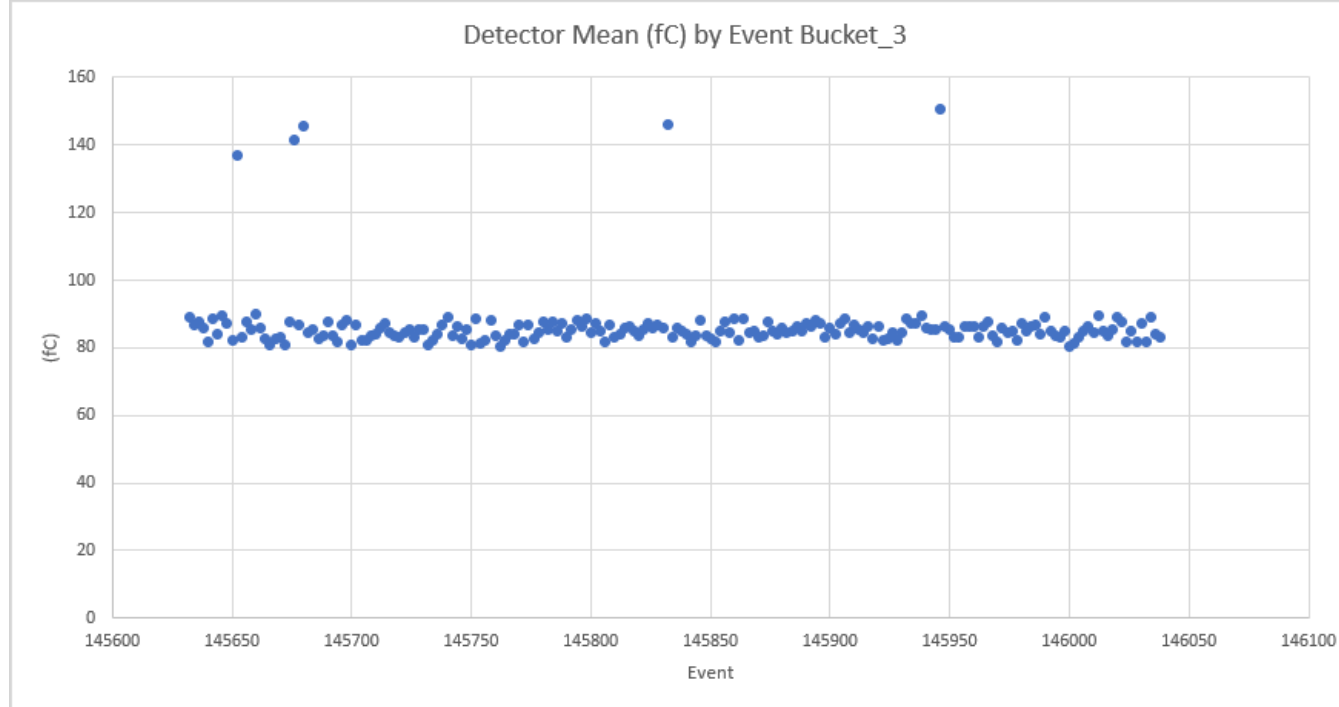
External triggers, all  
buckets, no laser

Bucket\_2

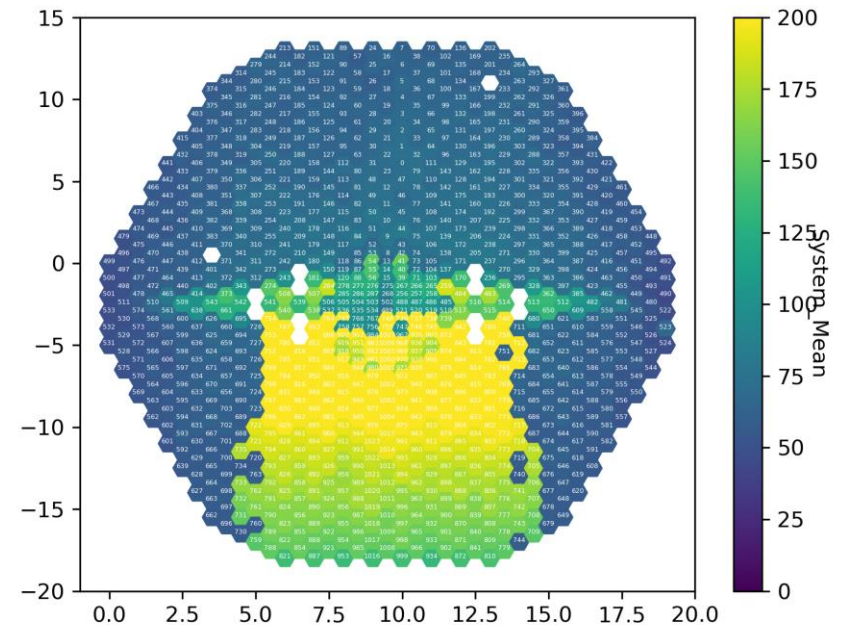


External triggers, all  
buckets, no laser

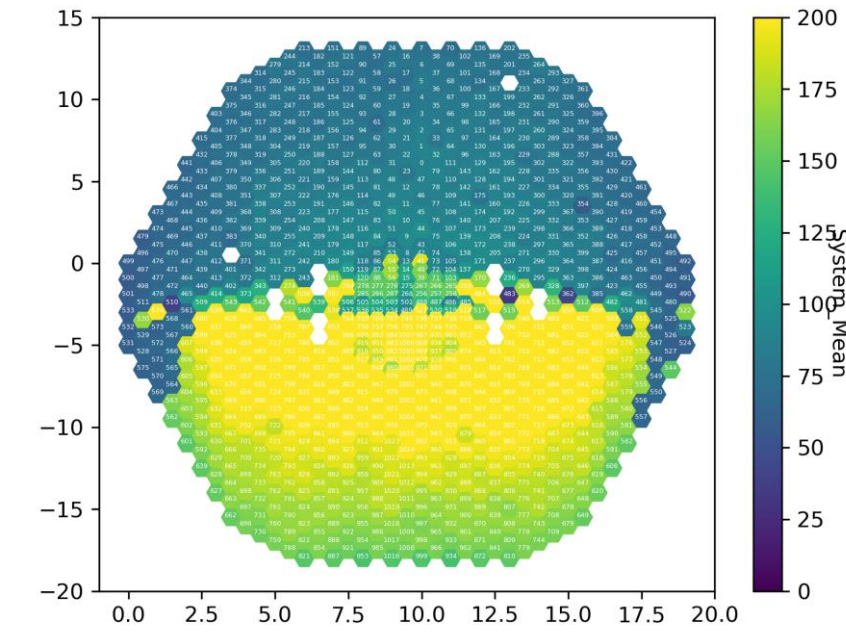
Bucket\_3



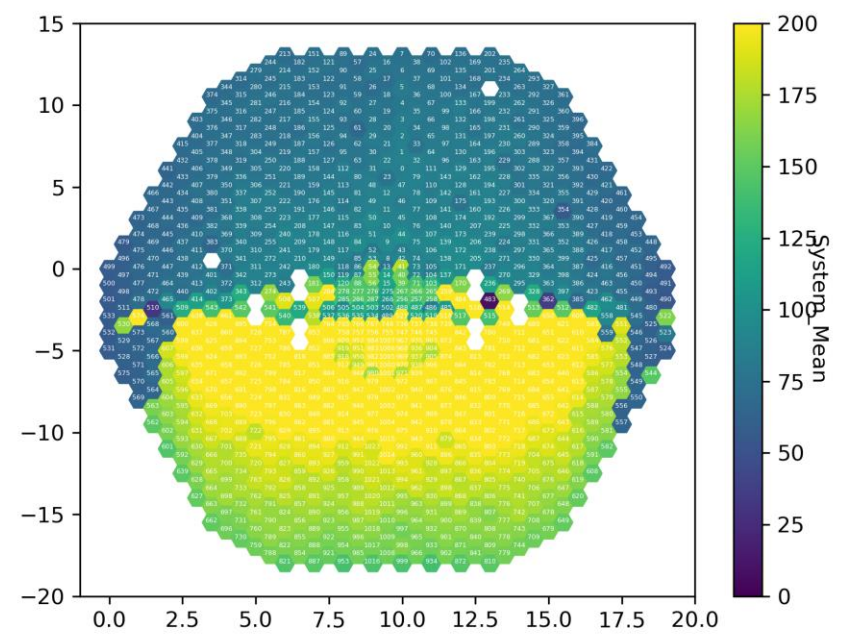
Bucket\_0



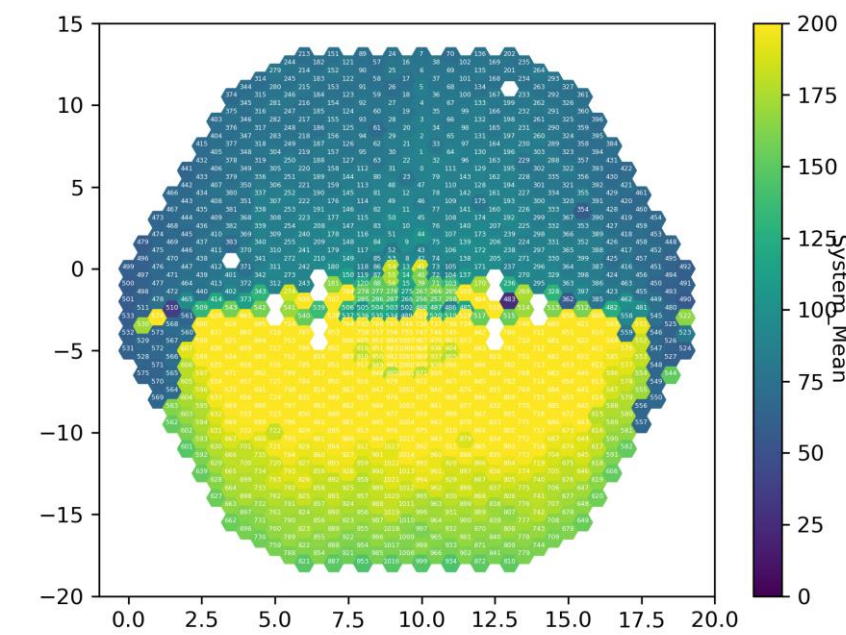
Bucket\_1



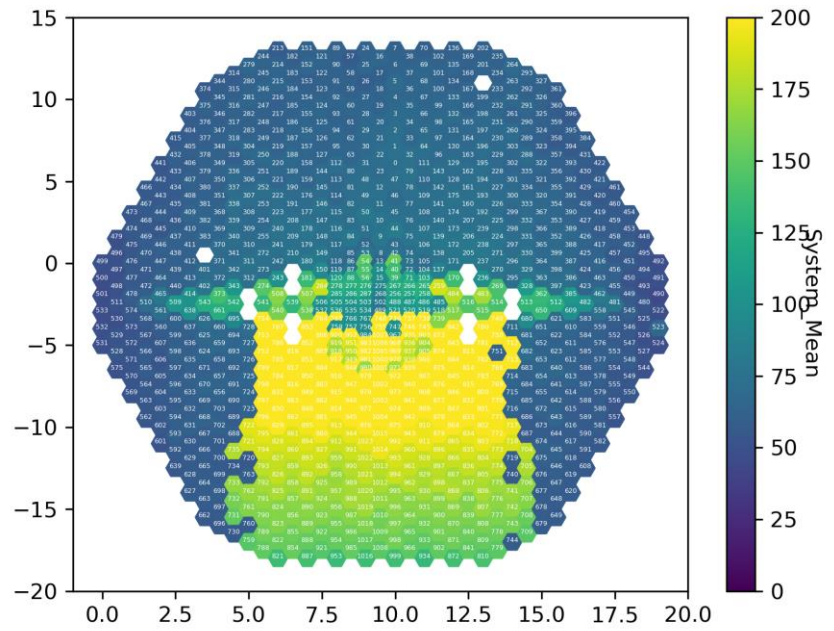
Bucket\_2



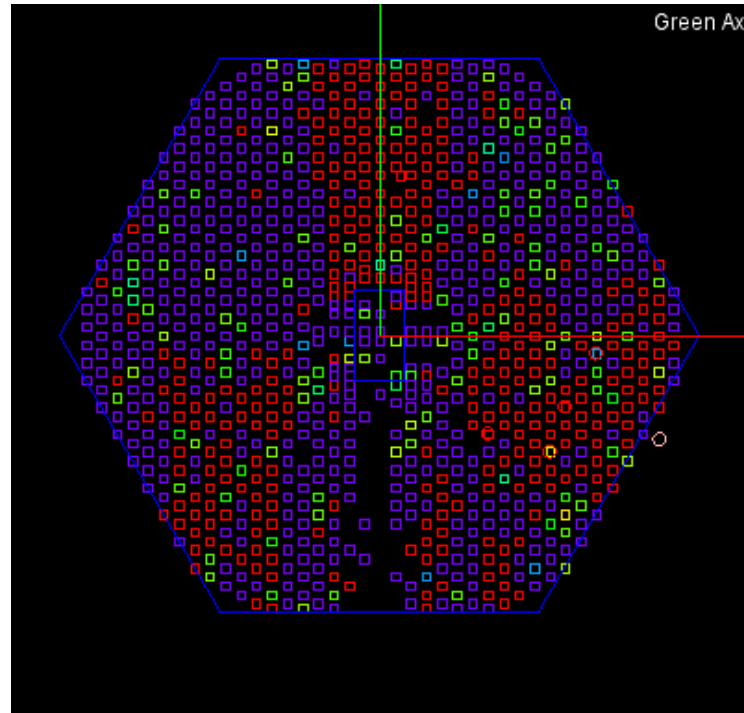
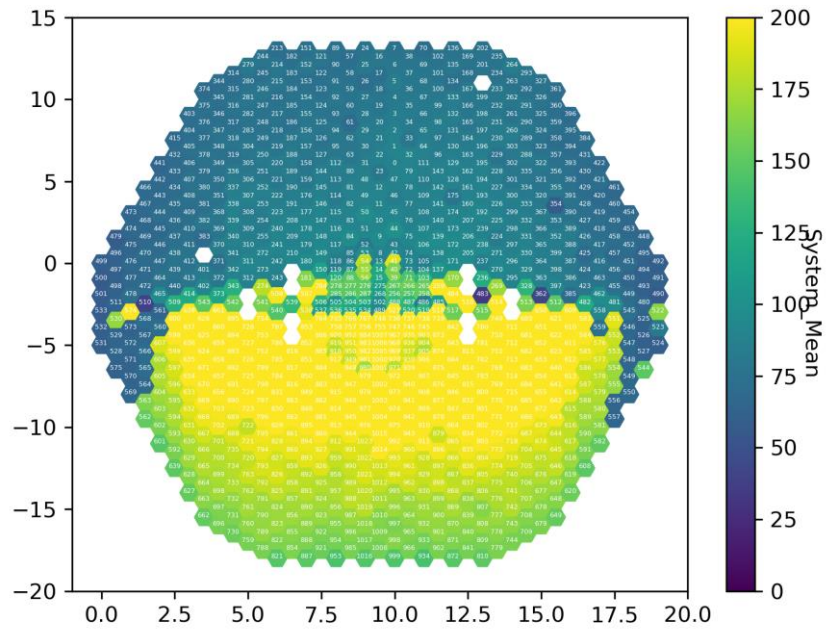
Bucket\_3



Bucket\_0



Bucket\_1



SLAC Test Beam July 2013