

Weekly Meeting

Feb 8th 2018

Trigger Burst Cuts

- Need to determine:
 - What is the best time to average over
 - What is the best method of making cut
- Are there metrics to use to determine this?

- Two methods:
 - Determine event rate, calculate standard deviation. Cut is 3 sigma
 - Event rate average precision method – remove bins until change in average is below some threshold

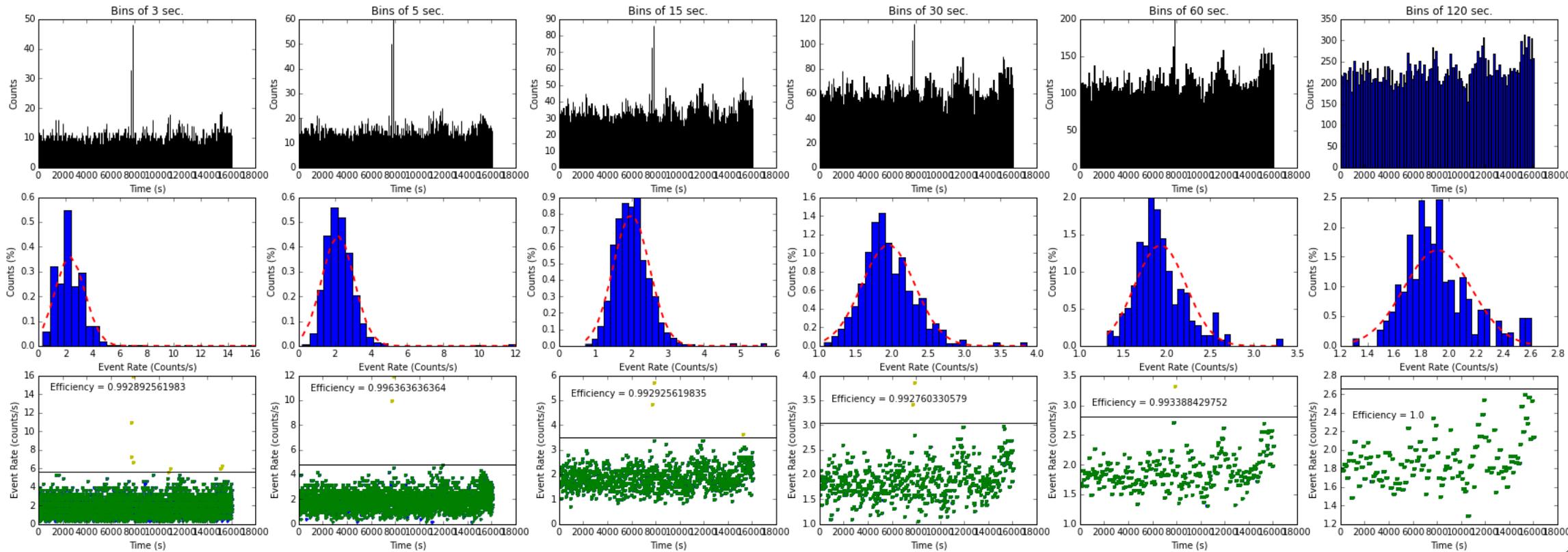
IP[y]: Notebook TriggerBurstCut Last Checkpoint: Feb 07 17:42 (autosaved)

File Edit View Insert Cell Kernel Help

Notebook saved

Code Cell Toolbar: None

30050 30250
30250 30250



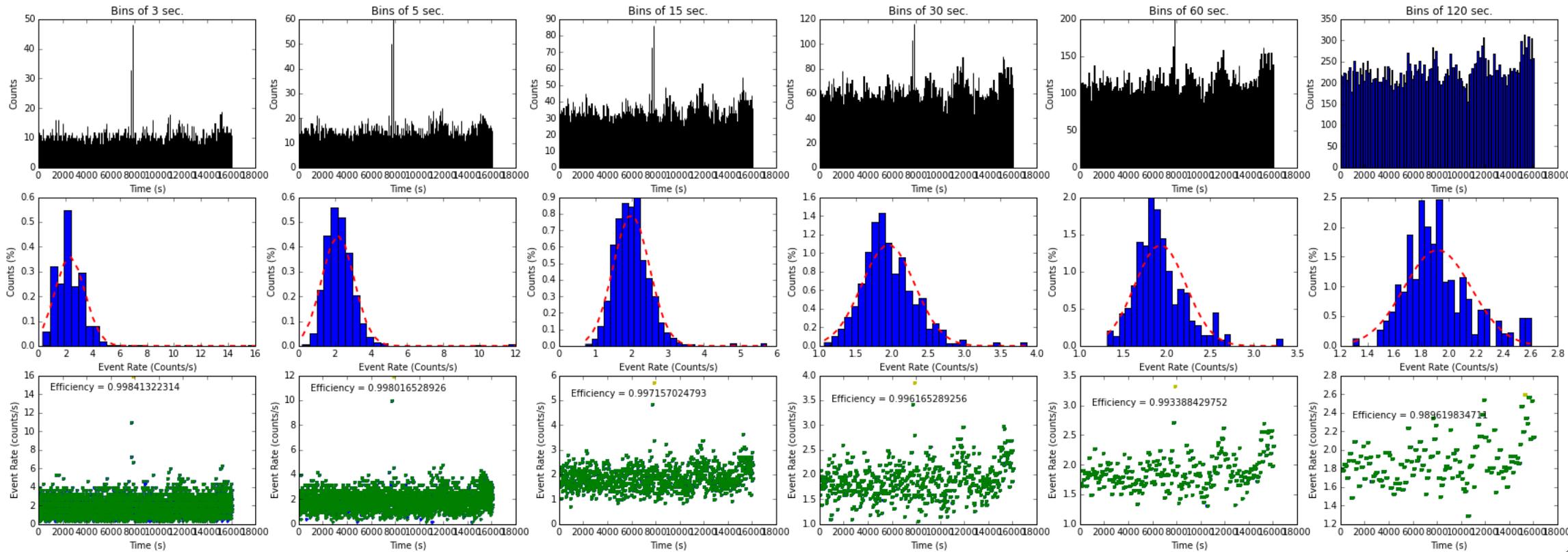
In [7]:

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Code Cell Toolbar: None

30050 30250
29936 30250



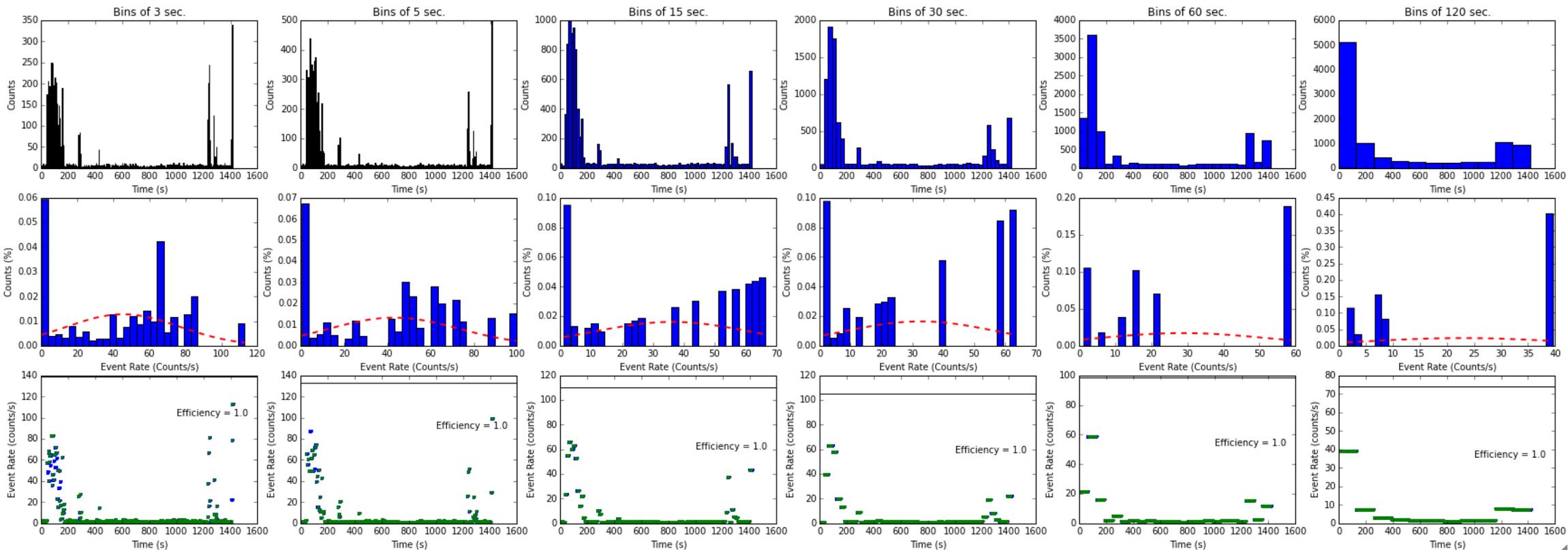
In [7]:

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Code Cell Toolbar: None

10000 10000
10000 10000



In [7]:

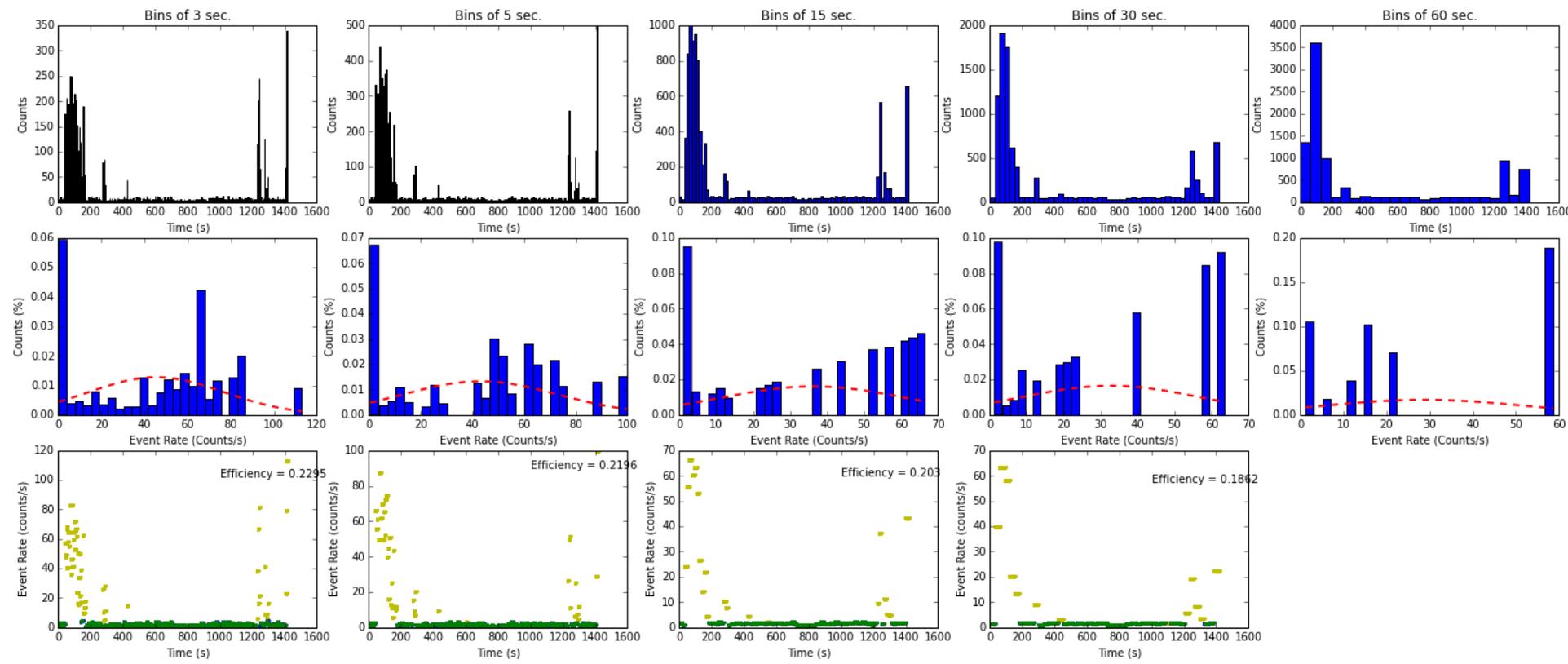
IP[y]: Notebook TriggerBurstCut

Last Checkpoint: Feb 07 17:42 (autosaved)

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Code Cell Toolbar: None

ValueError: max() arg is an empty sequence



In [7]: