Spikes_Plots2

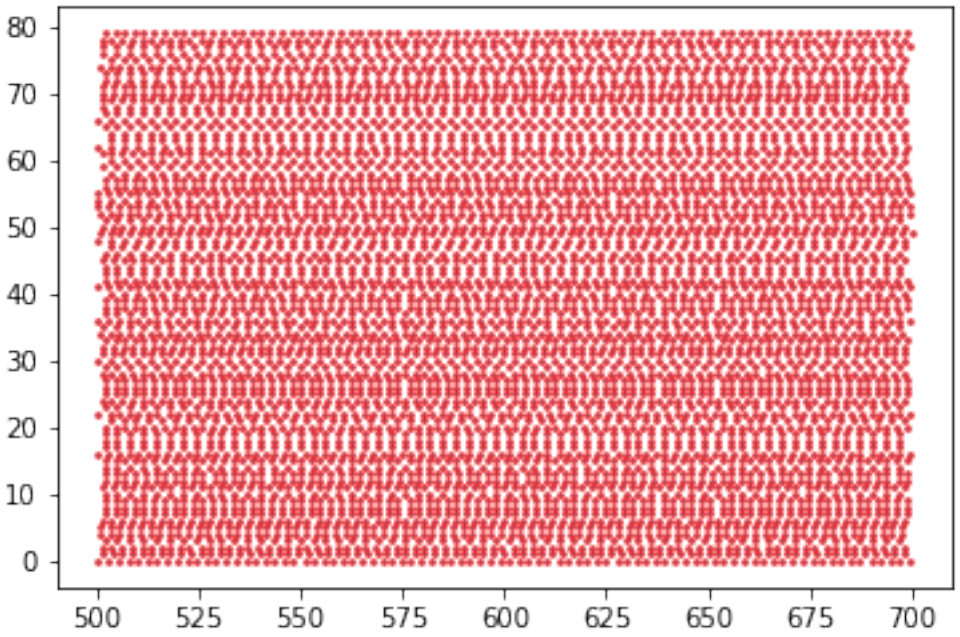
November 5, 2017

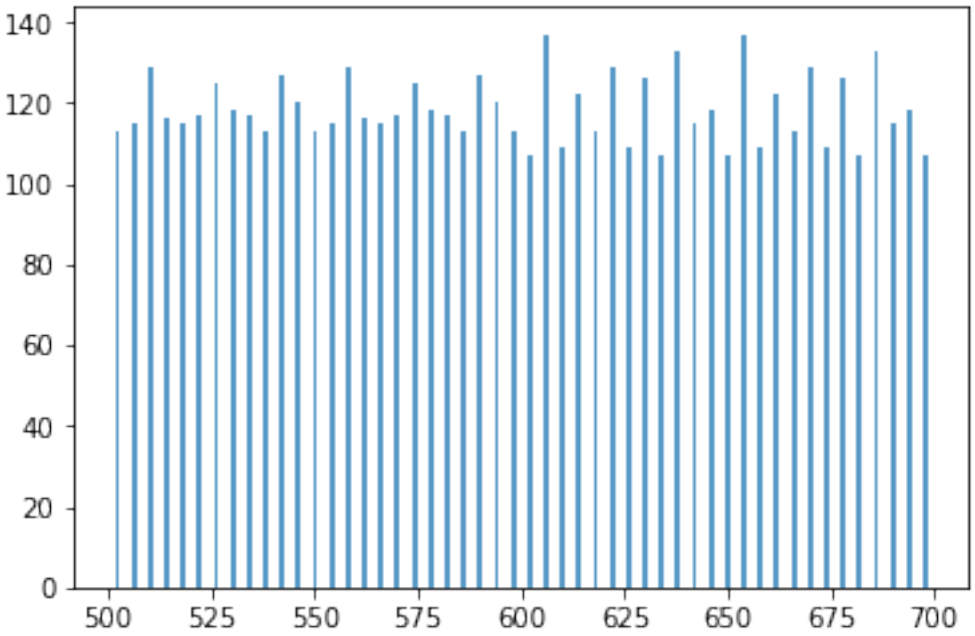
In [56]:
```
import numpy as np
import matplotlib.pyplot as pl

data = np.genfromtxt('Spikes_plotA.txt')

select = np.array([d for d in data if d[1] < 80])
data1 = select.transpose()
pl.scatter(0.1*data1[0],data1[1],s = 3, alpha=0.8, edgecolors='red');
pl.show();

n, bins, patches =pl.hist(0.1*data1[0], 50, rwidth = 0.3, normed=0, alpha=0.75)
pl.show();
```



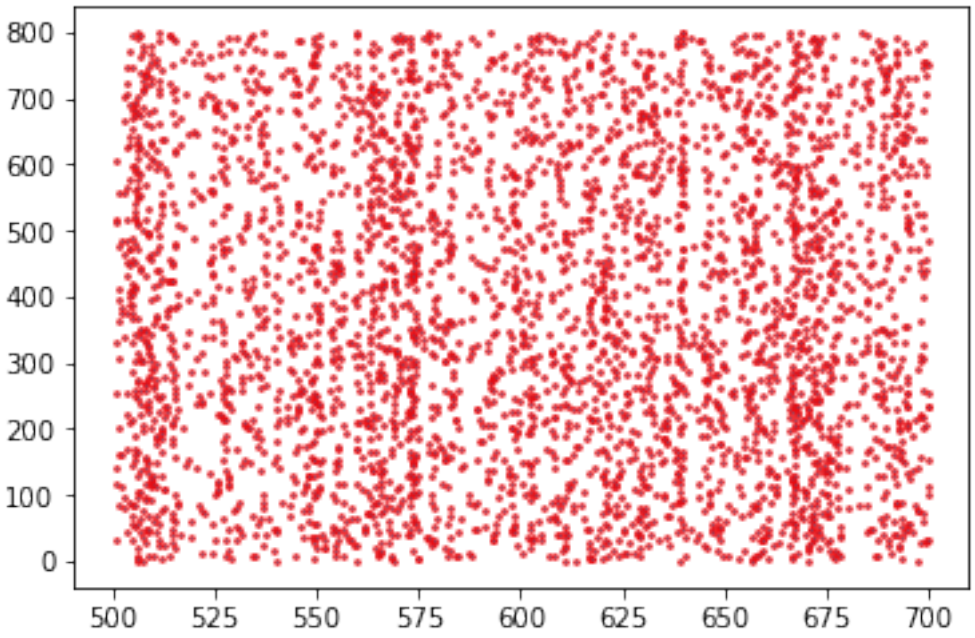


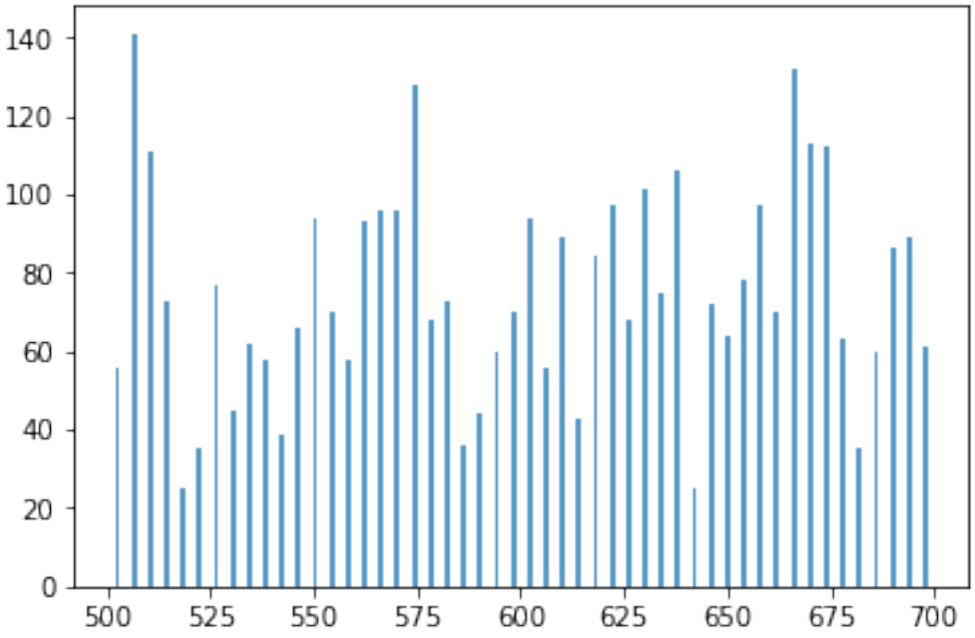
In [54]:
```
import numpy as np
import matplotlib.pyplot as pl

data = np.genfromtxt('Spikes_plotB.txt')

select = np.array([d for d in data if d[1] < 800])
data1 = select.transpose()
pl.scatter(0.1*data1[0],data1[1],s = 3, alpha=0.8, edgecolors='red');
pl.show();

n, bins, patches =pl.hist(0.1*data1[0], 50, rwidth = 0.3, normed=0, alpha=0.75)
pl.show();
```



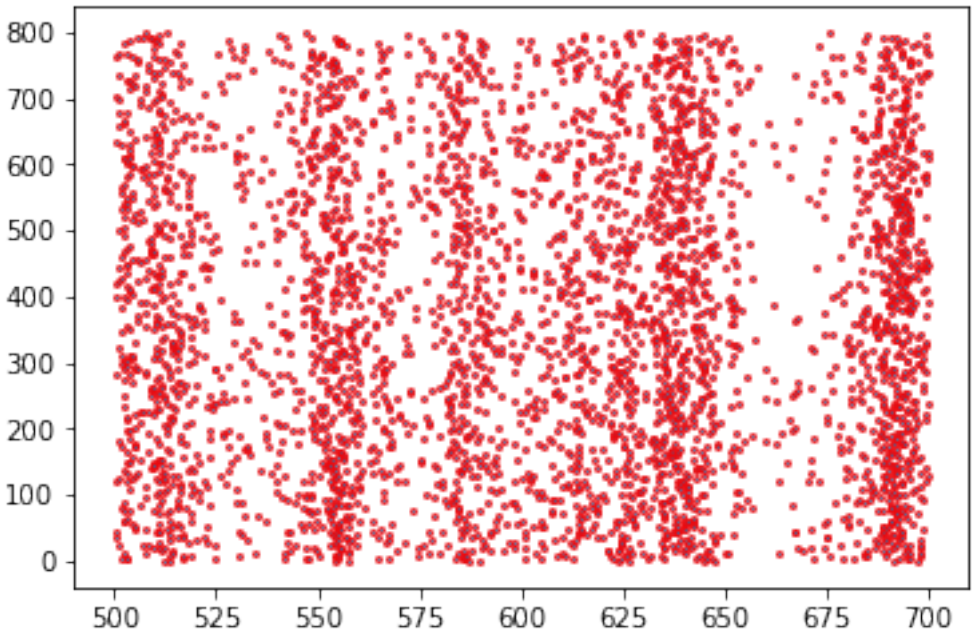


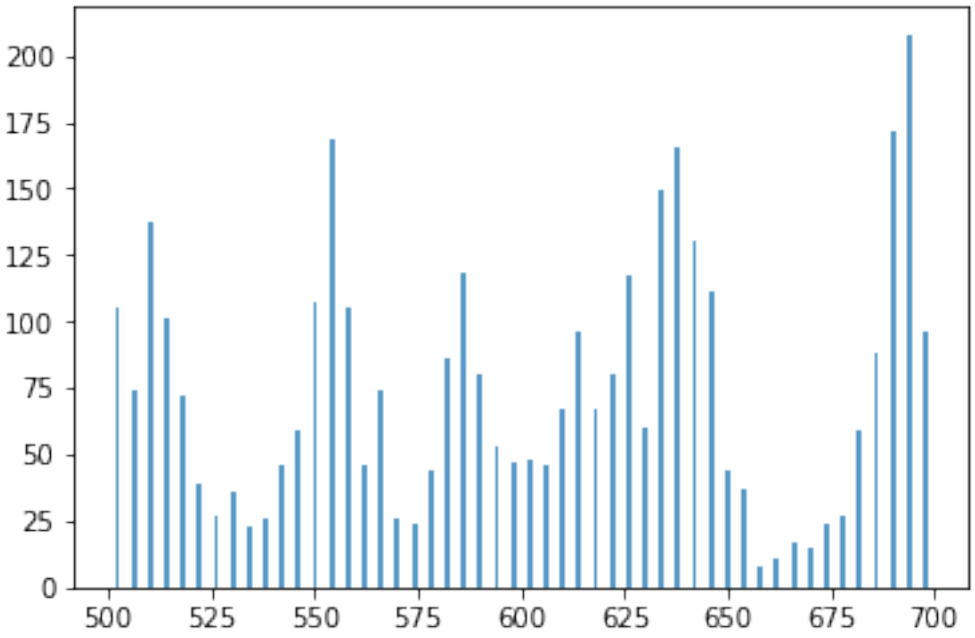

```
In [53]: import numpy as np
         import matplotlib.pyplot as pl
```

```
data = np.genfromtxt('Spikes_plotC.txt')

select = np.array([d for d in data if d[1] < 800])
data1 = select.transpose()
pl.scatter(0.1*data1[0],data1[1],s = 4, alpha=0.8, edgecolors='red');
pl.show();

n, bins, patches =pl.hist(0.1*data1[0], 50, rwidth = 0.3, normed=0, alpha=0.75)
pl.show();
```



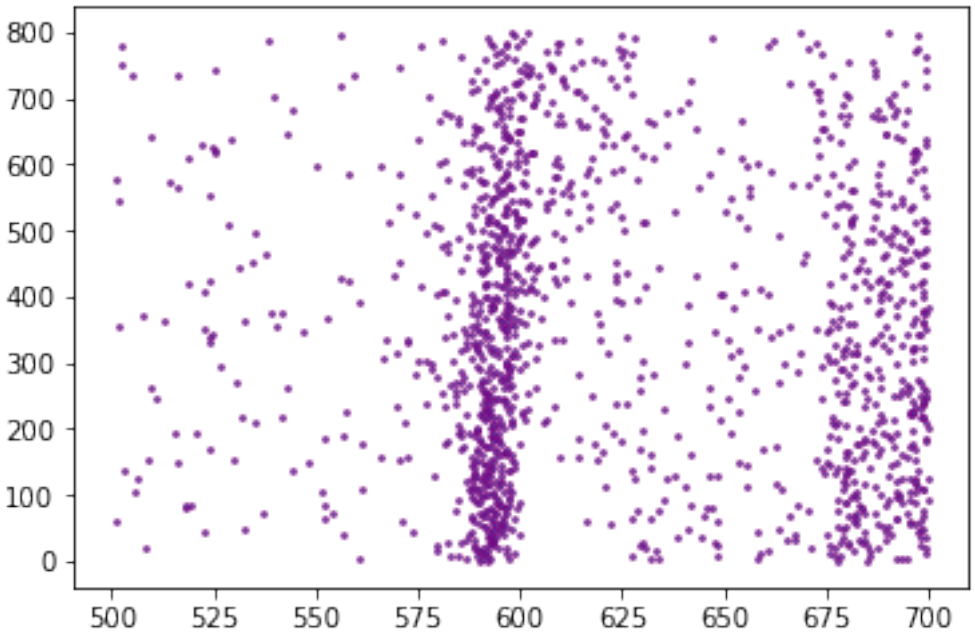


In [57]:
```
import numpy as np
import matplotlib.pyplot as pl

data = np.genfromtxt('Spikes_plotD.txt')

select = np.array([d for d in data if d[1] < 800])
data1 = select.transpose()
pl.scatter(0.1*data1[0],data1[1],s = 3, alpha=0.8, edgecolors='purple');
pl.show();

n, bins, patches =pl.hist(0.1*data1[0], 50, rwidth = 0.3, normed=0, alpha=0.75)
pl.show();
```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625
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675
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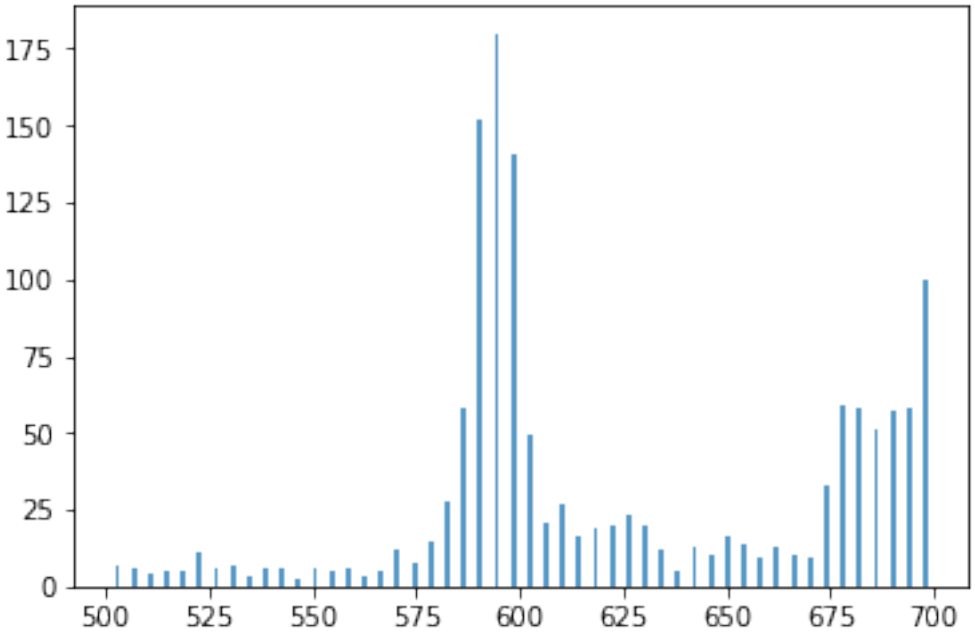
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