

## 1 Summary

In this assignment, we use python to access the CRTS data set. The packages urllib2 and astropy are used to obtain data sets of Hercules X-1 from the CRTS web page. We snipped out the relevant data and plotted the magnitude versus time. The plots, shown in Figure 2, created by our program are similar to the one available on the web page in Figure 1.

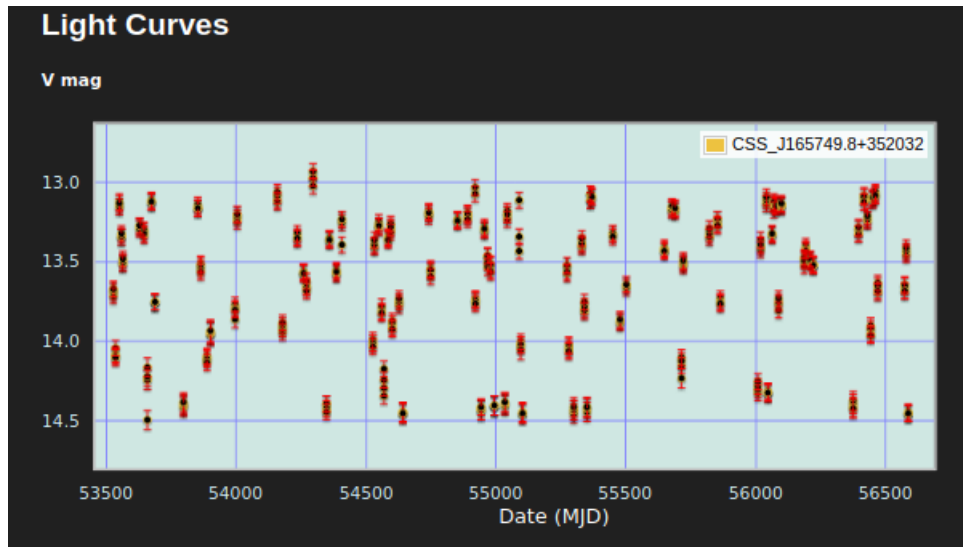


Figure 1: Plot provided on the web page. Magnitude versus time is plotted.

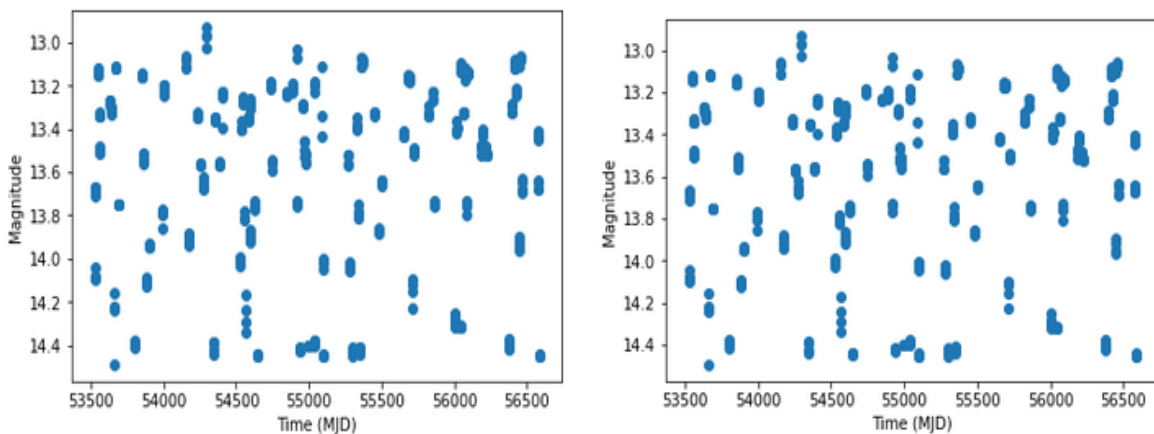


Figure 2: Urllib2 plot on the left and astropy plot on the right. The plots are similar to the web page plot.