

Lightcurve: 897_lc.fits

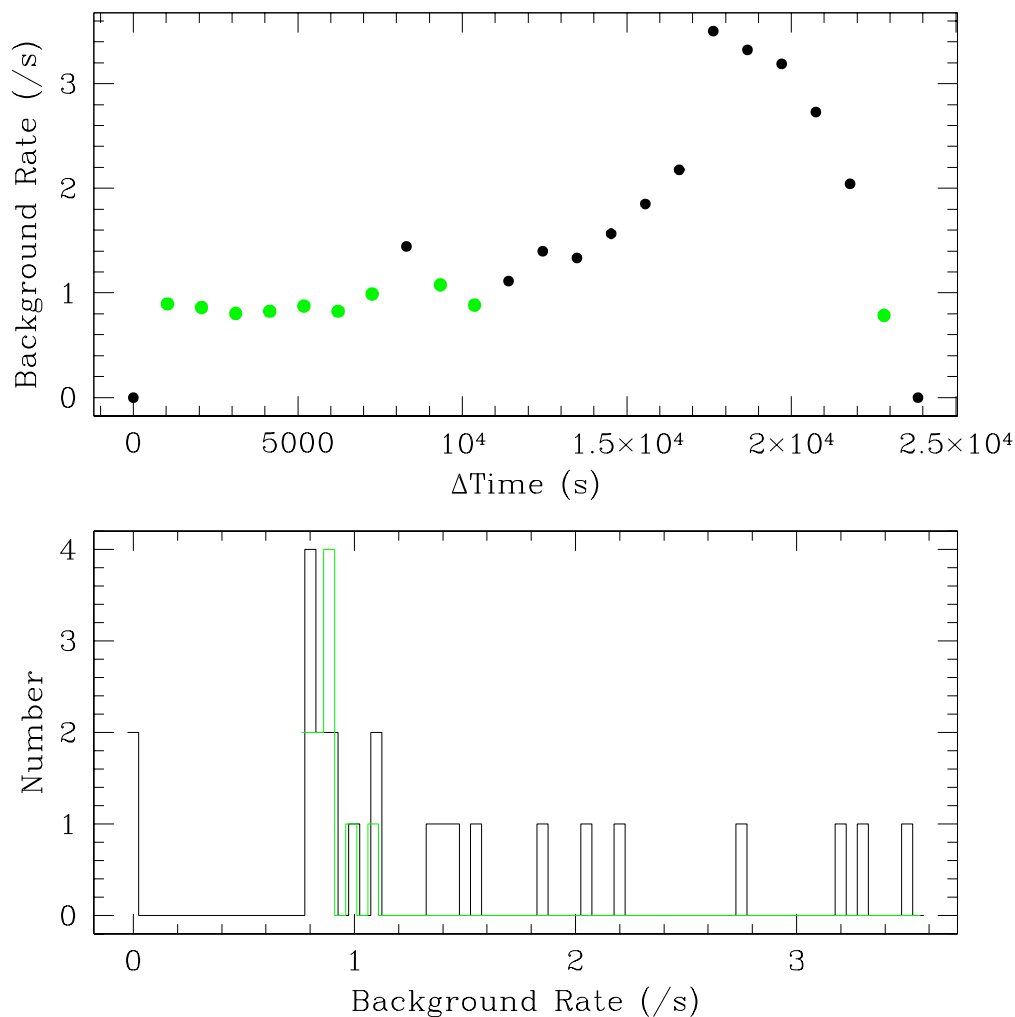


Figure C.1 Shown here is an example light curve output by `lc_clean.sl` which is called when `reprocess.pl` is run. *Top panel:* Plot of background count rate versus time in the observation. Green points mark those time intervals within $\pm 20\%$ of the mean rate. Zero rate bins at the beginning and end of an observation are intentional dead times. The flares can easily be identified in this example. Also note that the automated mean detection did not remove the wings at ~ 5 ksec and ~ 9 ksec of the weaker flare. *Bottom panel:* Histogram of the light curve shown in the top panel. The green line is again for the intervals within $\pm 20\%$ of the mean rate.