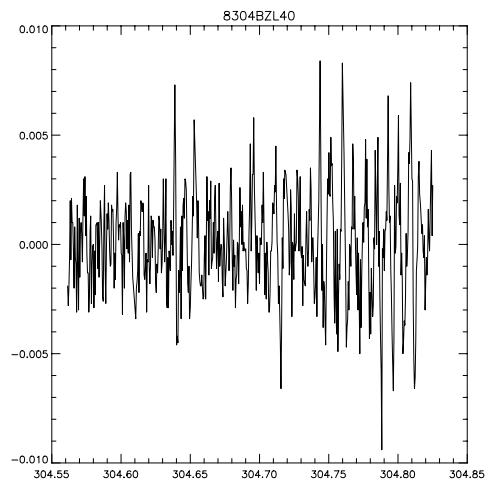


Period Analysis by Wen Ping Chen, 2004/4/7

I compiled the Fortran program 'psmhz2002.for' written by Don Kurtz. The program package, in `aquila/home/wchen/Power`, compiled fine and I used the data left by Don a few years ago, **8304BZL40** to see how it ran.

```
% g77 -o psmhz2002.exe psmhz2002.for
% ./psmhz2002.exe
% 8304BZL40
% 0.0
% 0
% 0 6000 0.001
```

The input data in file **8304BZL40**, with 553 data pairs in the format of (time, mag) are plotted below.



The output of 'psmhz2002.exe', the power spectrum, as file 'fort.16' in amplitude mmag, is shown below.

