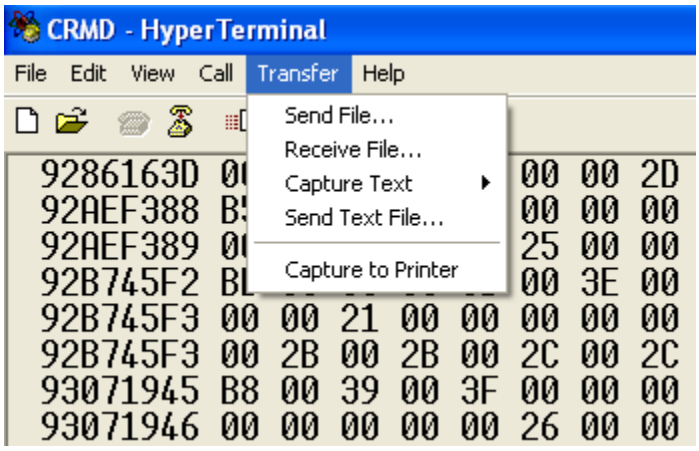
GUIDELINES

1) Power the DAQ board.

2) Go to the CRMD icon () on the desktop i.e. the Hyper Terminal.

3) Type in the command **CD** in order to stop the streamline of the data.

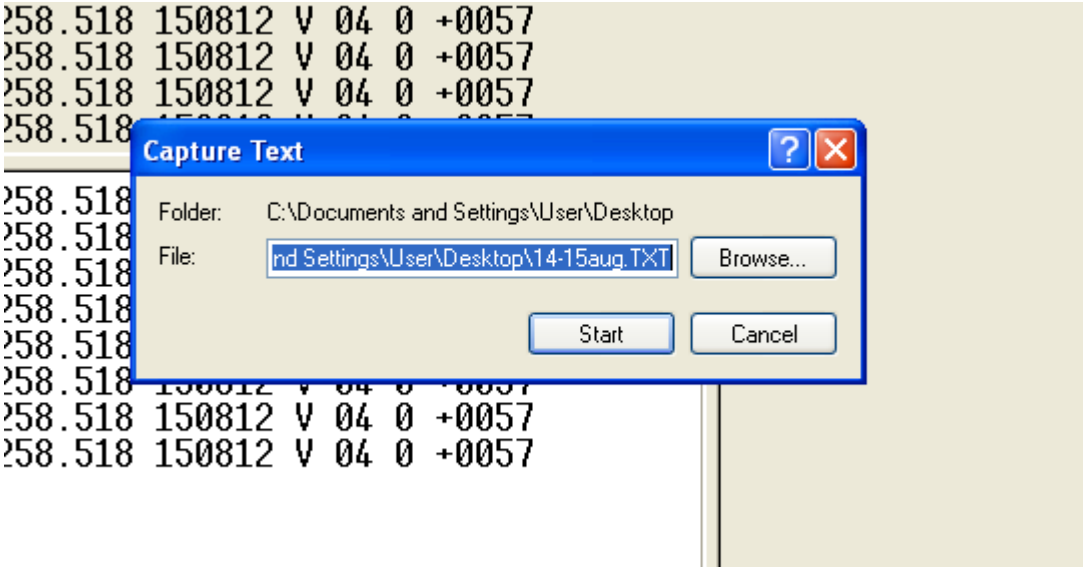
4) To start recording your set of data go to Transfer → Capture Text



5) ***NOTE:*** Start the data only when the data Status is Valid i.e. in the DG command the Status should be— ‘ A’

```
DG
DG
 Date+Time: 15/08/12 09:45:06.013
 Status:    A (valid)  ──→ Valid set of data
 PosFix#:   1
 Latitude:   18:33.584130 N
 Longitude: 073:49.544079 E
 Altitude:  568.619m
 Sats used: 8
 PPS delay: +0057 msec          (CE=1 updates PPS,FPGA data)
 FPGA time: C55916E7
 FPGA freq: 25000000 Hz         (Cmd V3, freq history)
 ChkSumErr: 0
_
```

6) An option of **Browse** will be seen on the screen and you may save the data where you desire by selecting the data path and the name for your file which will be stored in the **.txt** format. Then press **START**.



7) Now whatever commands are typed in the Terminal will be recorded in the **.txt** file.

8) Enter the set of commands given in the following order →

H1, H2, DG, DS, DC, DT, TH, TI, BA, V1, V2, ST 2 5, TL, SA 1

(The meaning of the commands will be given in a separate sheet.)

9) Once the above commands are typed , type in **CE** in order to start the streamline of data.

10) Now take the data for the desired time. Once the data is started, **DO NOT** type in any other commands.

11) Once you wish to stop your data, type in the command **CD**.

12) Then type in again the same list of commands →

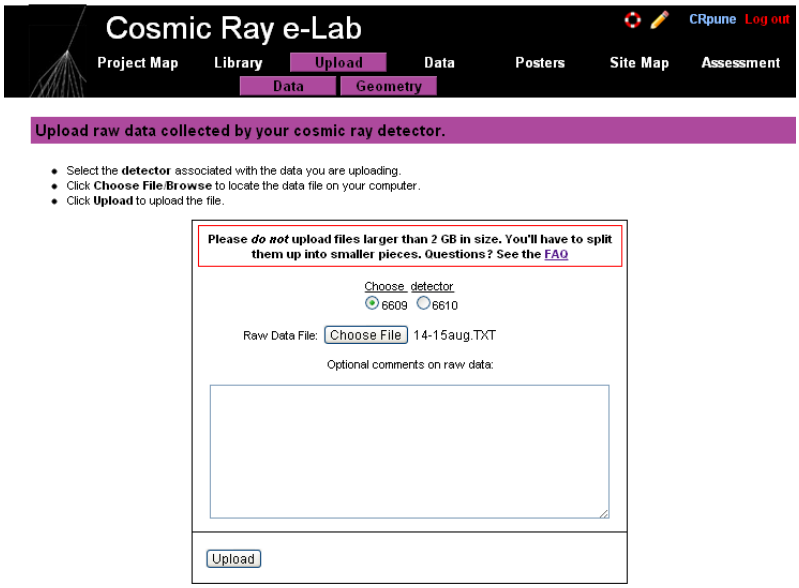
H1, H2, DG, DS, DC, DT, TH, TI, BA, V1, V2, ST 2 5, TL, SA 1

13) Then go to Transfer → Capture Text → Stop.

(The data will now stop being recorded in your text file)

14) Now your text file is ready to be uploaded.

15) Now go the website → http://www.i2u2.org/elab/cosmic/data/upload.jsp

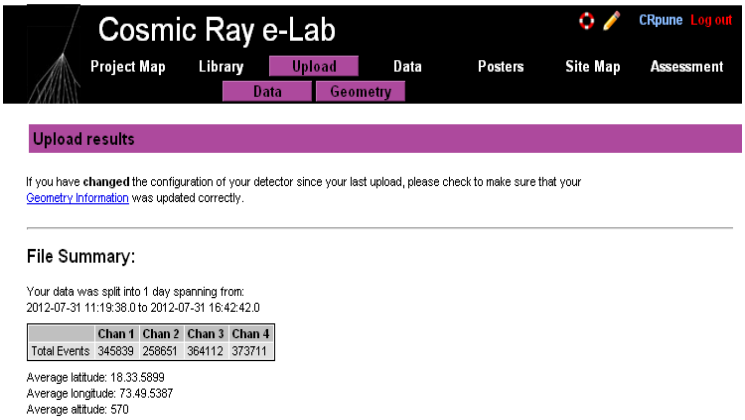


16) In the option Choose the detector → Select 6609.

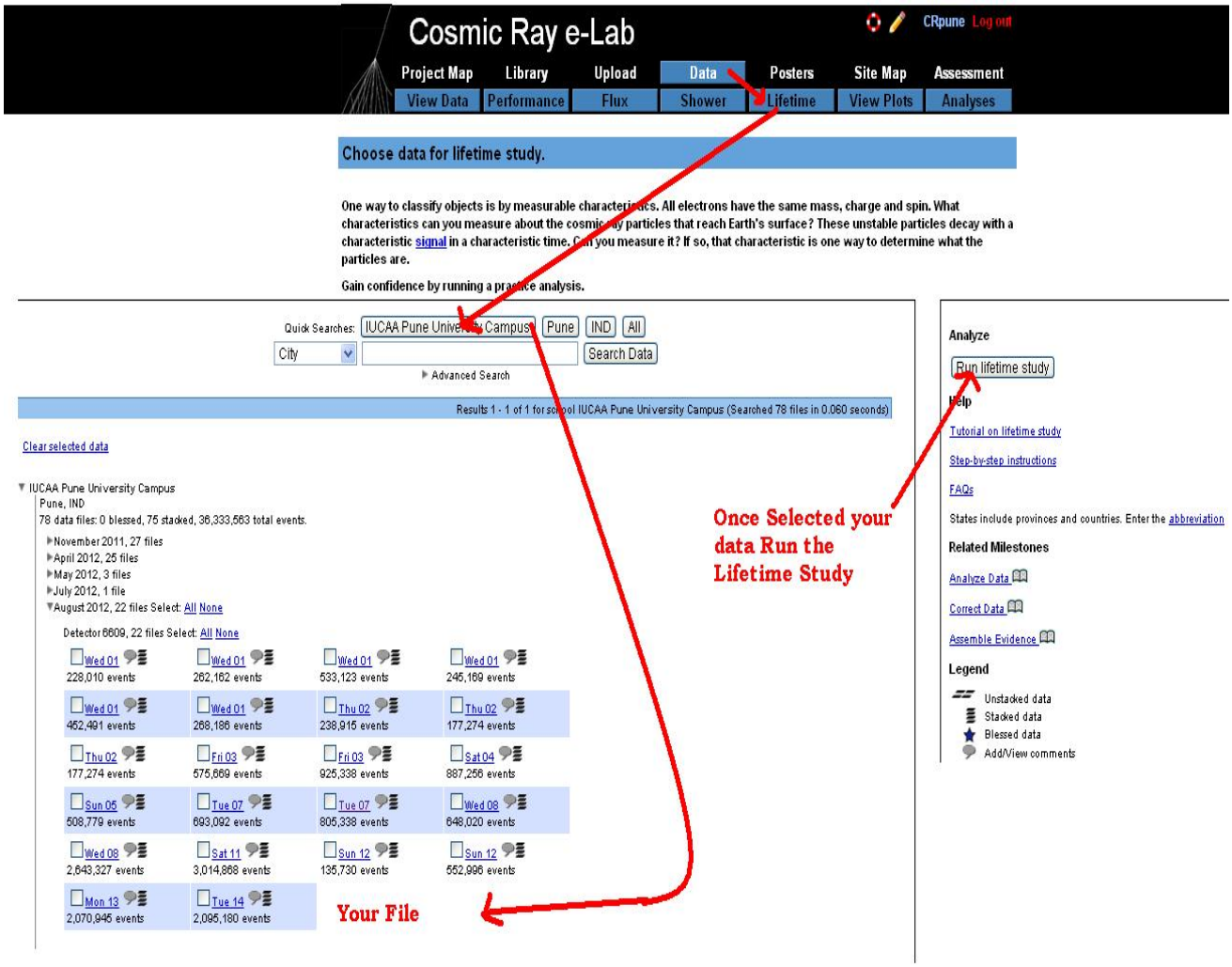
17) Then go to Choose File → *Select your file* → Open (Your file will be seen as a text format near the same option) → Upload.

(The data to be uploaded may take awhile depending on the size of your **.txt** file.)

18) Once uploaded it will look like →

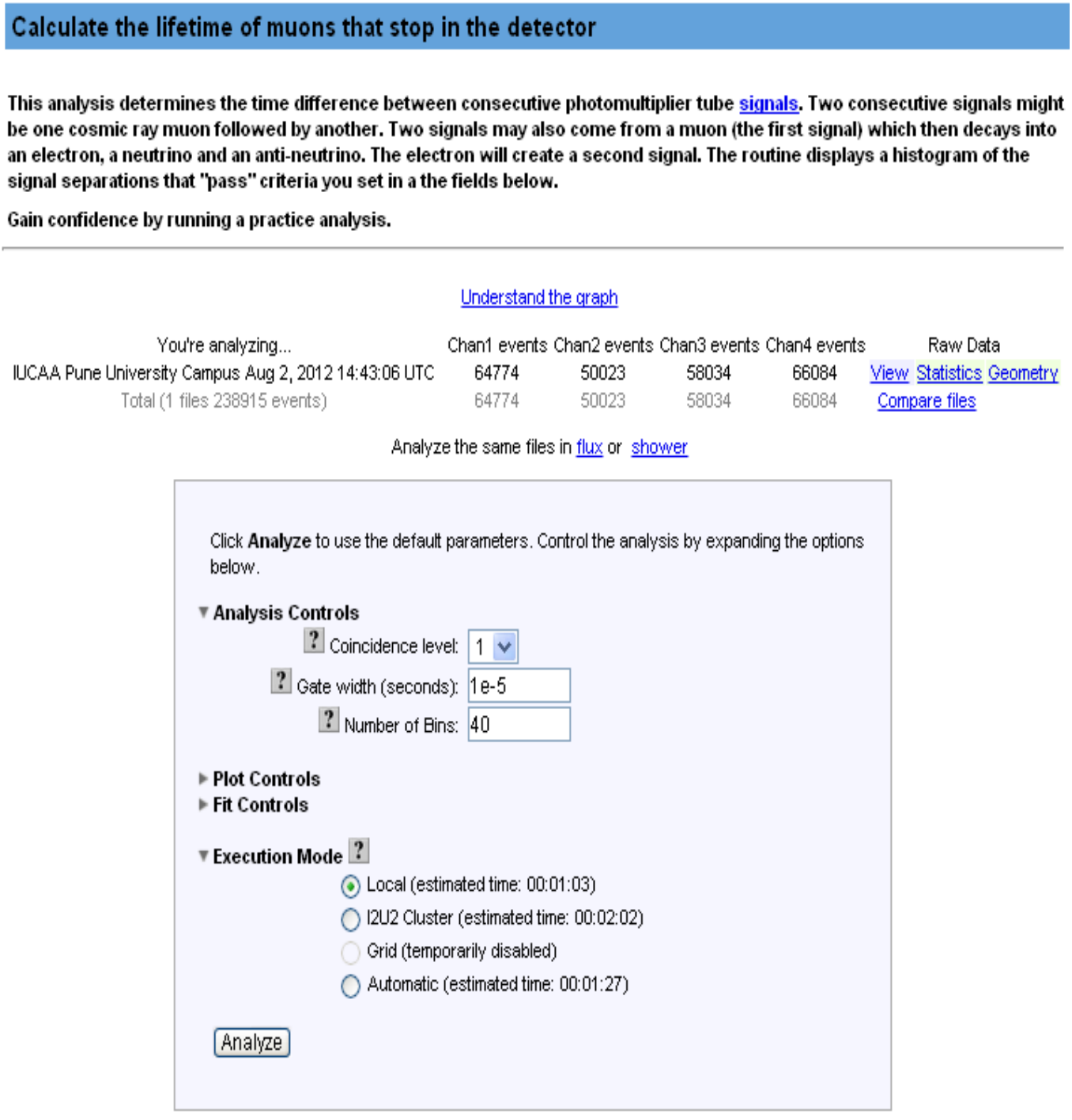


19) Then go to Data → Lifetime → IUCAA Pune University Campus → Select your Uploaded File → Run the Lifetime Study.



20) The Next screen after running the Lifetime study is →

Here do not make any changes and click on Analyze and get to the next screen



21) Just click on the analysis directory which will open up a new window → Select lifetimeout. Copy the content of the same in a new text file, from where you may do the required analysis.