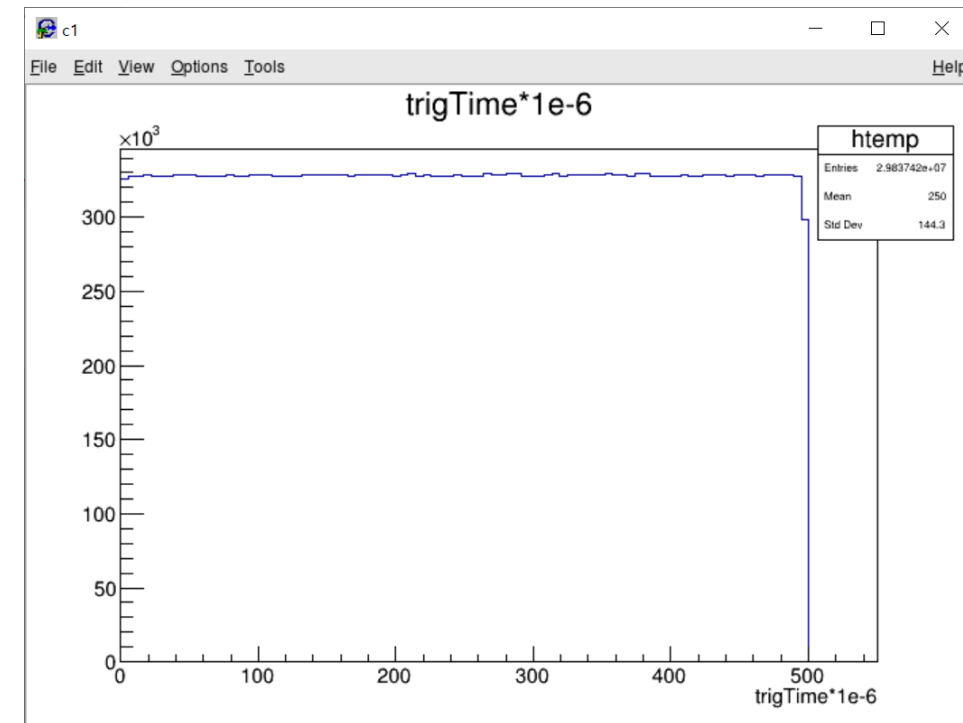


# Digitization

- Height corrected digitization for up,dw,bck were done.
- Triggering issue is also removed.
- Background: ~30 million trigger for  $100000 \times 500\text{ms}$
- Signal: about 1 trigger per experiment



# Multithreading in digitization

- Digitization can be performed with multithread now.

```
hblee@localhost:~/data/trigsim/v5/DigitizerMT
File Edit View Search Terminal Help
###DIGITIZER : # of thread is 9
###DIGITIZER : The last thread is remainder processor.
###DIGITIZER : If there is no remainder, the last thread will be shutting down.
###DIGITIZER : Multithread Digitizer is now running..
=====
      Thread                               State
  9  mt8:0x7f9f527fc700                     Running
  8  mt7:0x7f9f52ffd700                     Running
  7  mt6:0x7f9f537fe700                     Running
  6  mt5:0x7f9f4b7fe700                     Running
  5  mt4:0x7f9f53fff700                     Running
  4  mt3:0x7f9f58e8d700                     Running
  3  mt2:0x7f9f5968e700                     Running
  2  mt1:0x7f9f59e8f700                     Running
  1  mt0:0x7f9f5a690700                     Running
=====
=====
Progress: | 36% | 37% | 36% | 37% | 36% | 37% | 38% | 37% |
```

and

- GBAR 스터디
- 연구계획서 작성
- 구두자격시험준비