

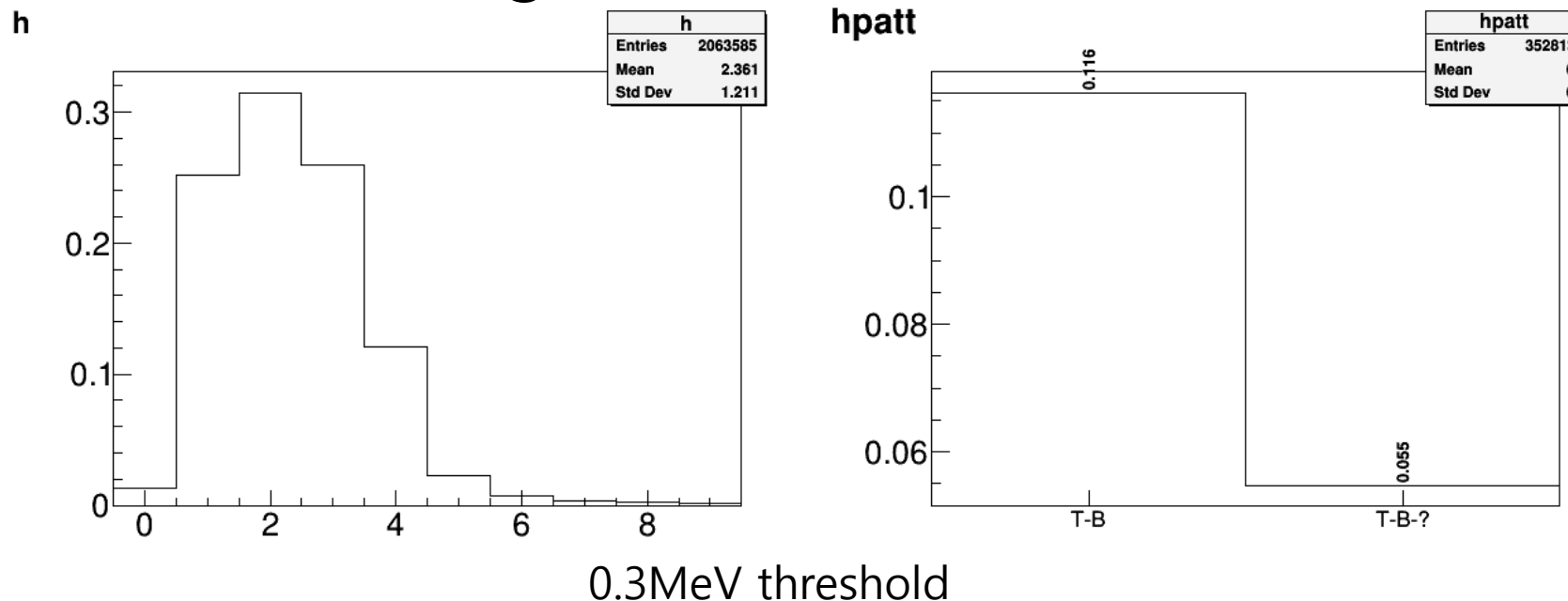
Cosmic Ray Rejection

- There is very little change when threshold is applied before the trigger tagging.
- 5 MeV threshold
- Downward annihilation

Threshold applied timing	After trigger tagging	Before trigger tagging
Selection efficiency	0.2480	0.2480
Background rate	0.0049	0.0048

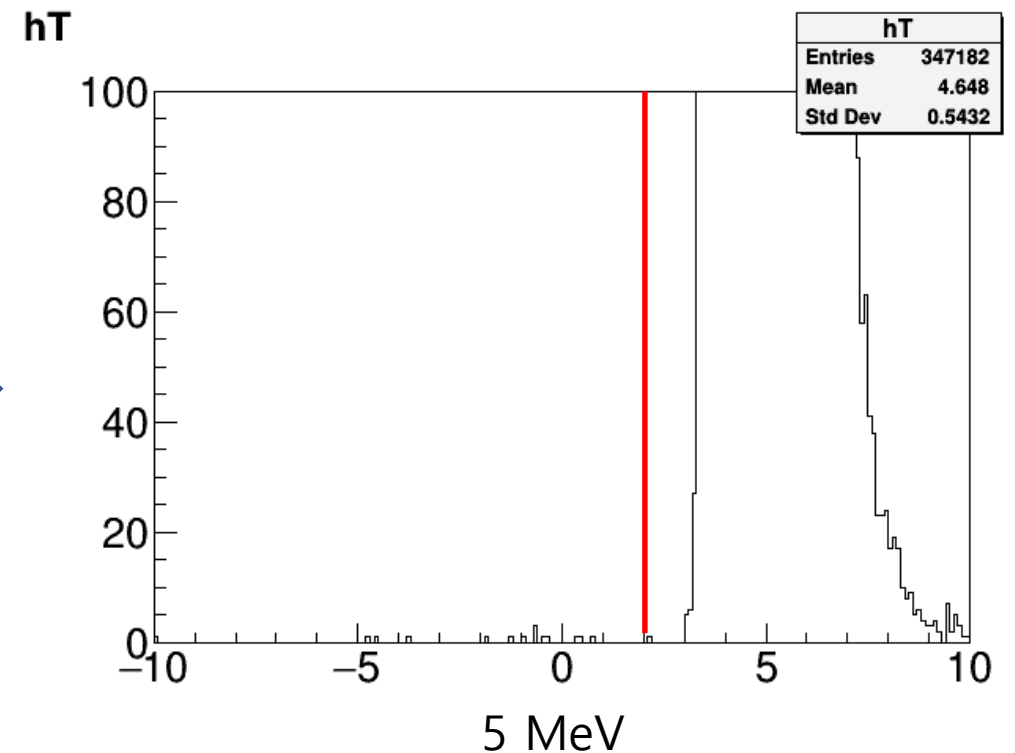
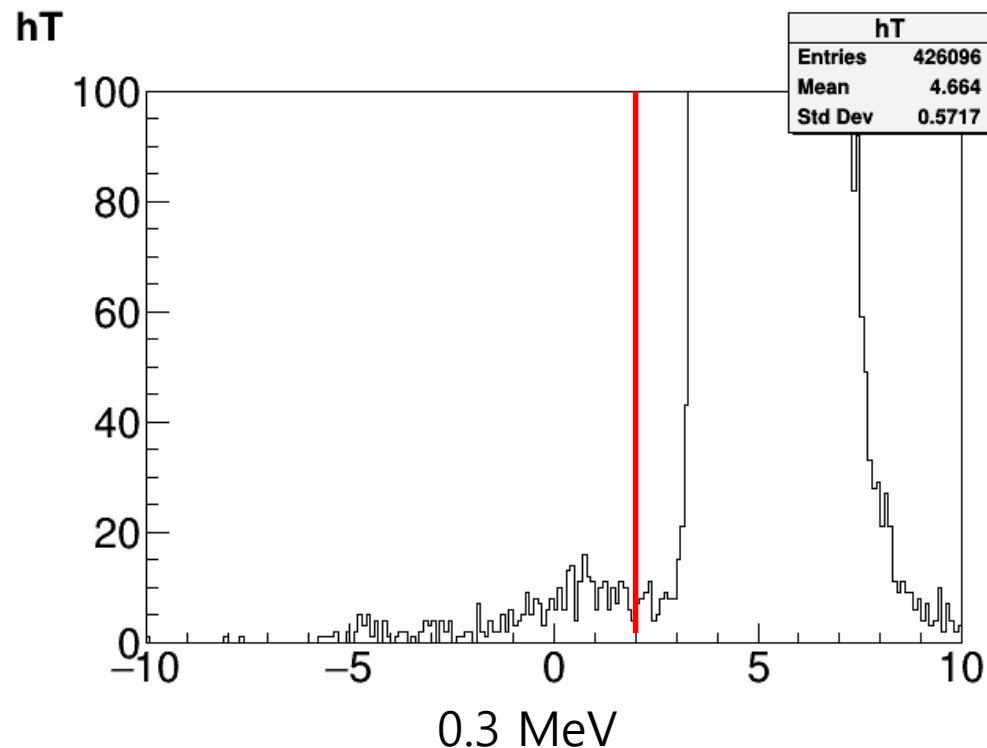
Cosmic Ray Rejection

- 2nd algorithm to 3rd algorithm makes rejection rate higher.
- Cosmic ray # of hits and hits pattern is depicted below.
- ($2 \leq \text{hits including T-B combination}$)
→ ($3 \leq \text{hits including T-B combination}$)



Cosmic Ray Rejection

- Rejection rate increase when threshold become higher.
- We have selected the trigger which satisfies $dt < 2\text{ns}$.



Wrong FADC Setting

- FADC offset have been set wrongly.
- The problem corrected in the last Friday.
- After correction, Resin bars(17,19) and bars A,B data taking is completed.
- Bars C,D data taking is in progress.
- Gain test for resin bars is completed.
- Gain test for other bars will be done.

Wrong FADC Setting

