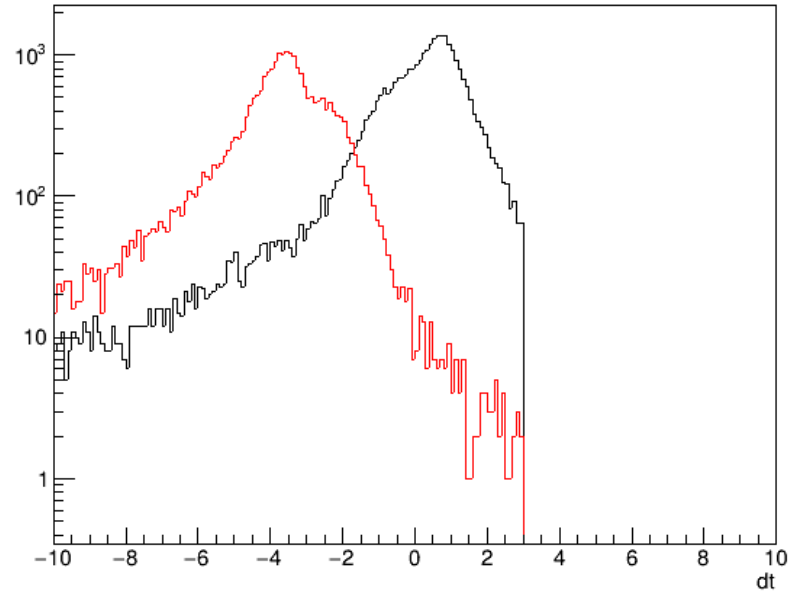# PDF for different temperatures
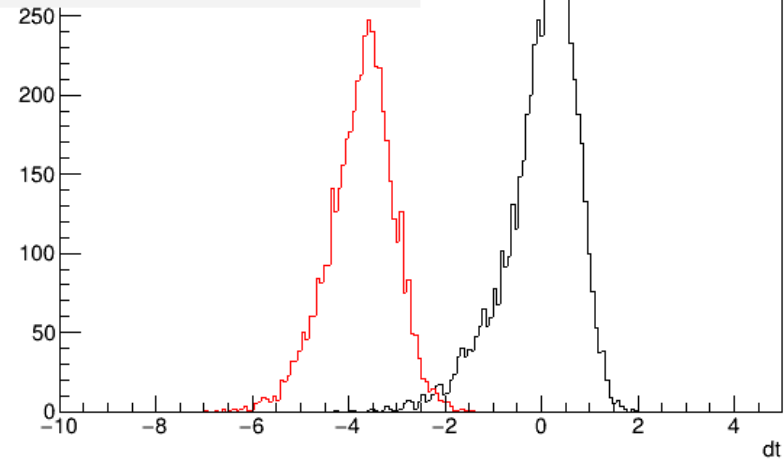
PDF for 10uK
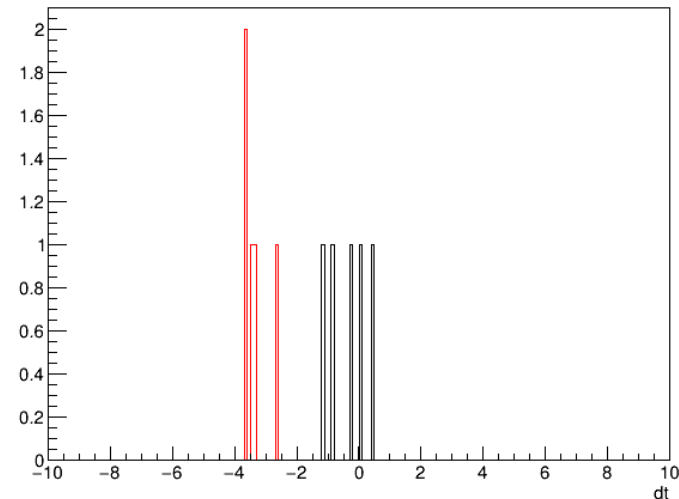
Mean dis. for 10uK with 5 events

upward Mean = -0.005 , std = 0.757

dwward Mean = -3.747 , std = 0.687
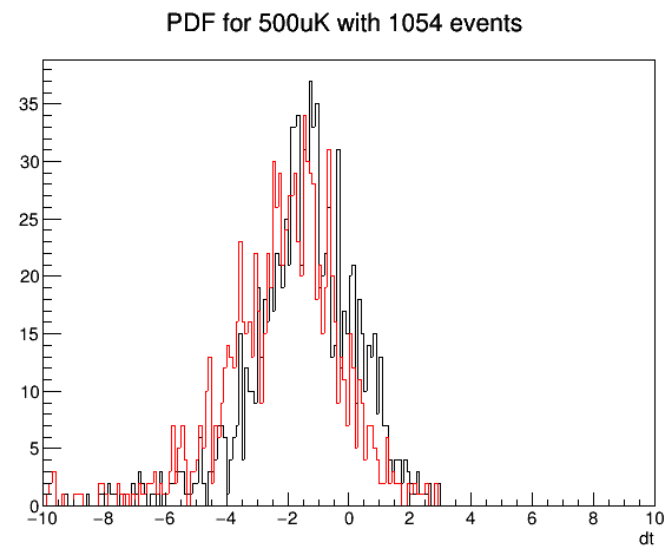
PDF for 10uK with 5 events
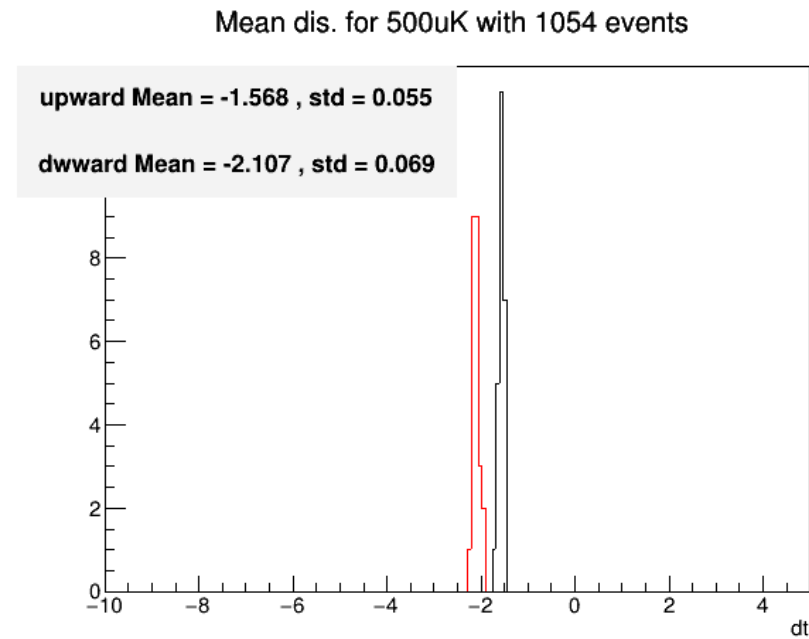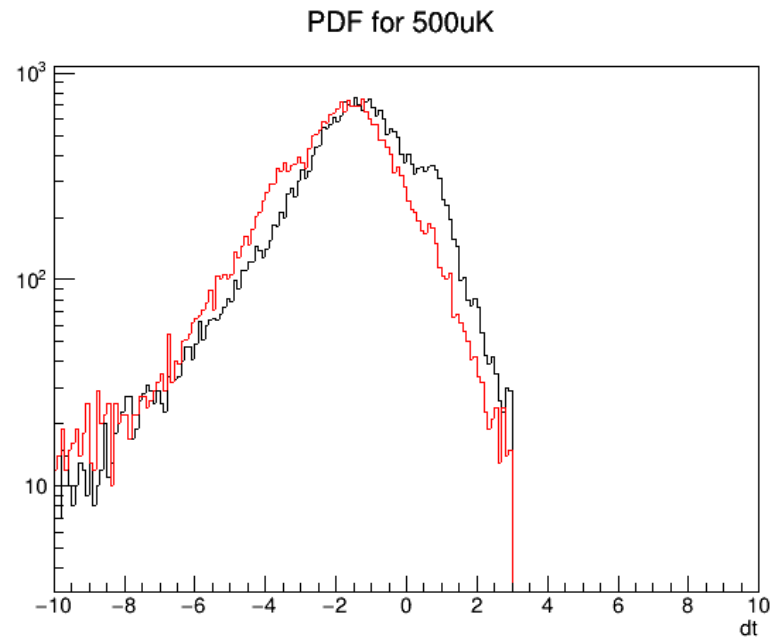
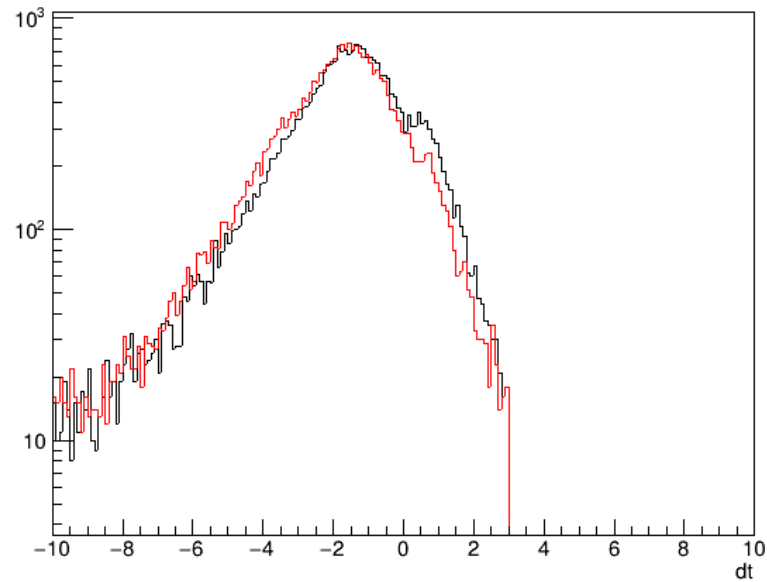Get mean of this sample

PDF for different temperatures

PDF for 500uK

Mean dis. for 500uK with 1054 events

upward Mean = -1.568 , std = 0.055

dwward Mean = -2.107 , std = 0.069

Get mean of this sample

PDF for 500uK with 1054 events
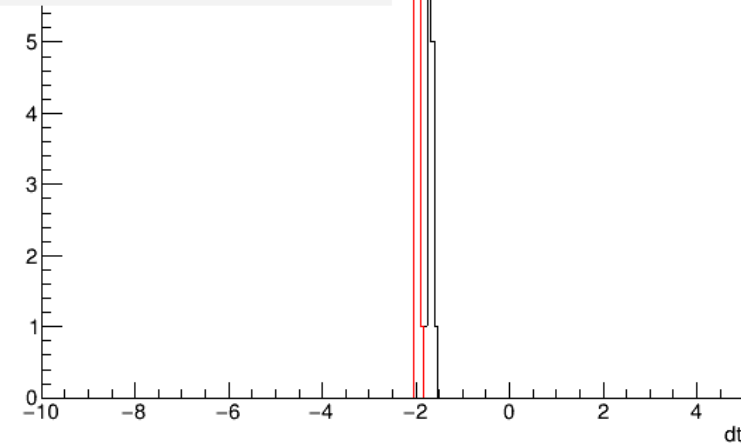
PDF for different temperatures
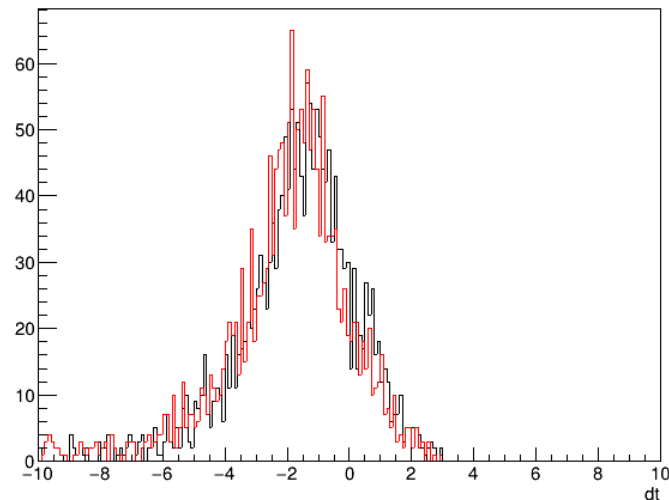

PDF for 1mK

Mean dis. for 1mK with 1865 events

upward Mean = -1.679 , std = 0.045

dwward Mean = -1.971 , std = 0.041
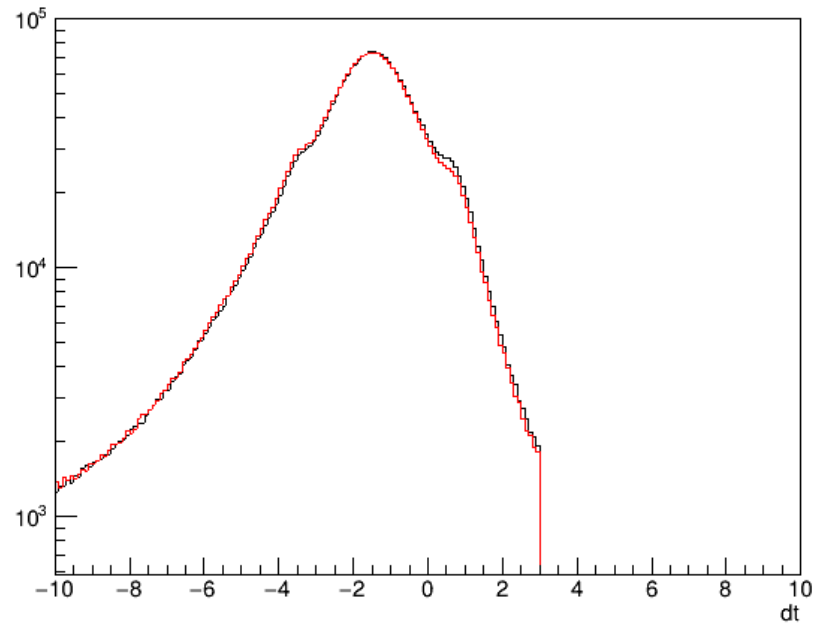
PDF for 1mK with 1865 events
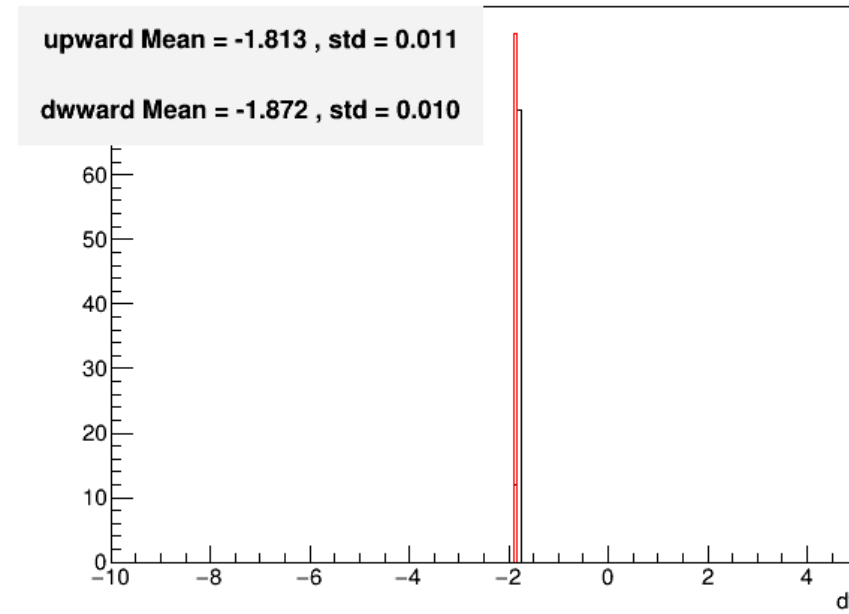
Get mean of this sample
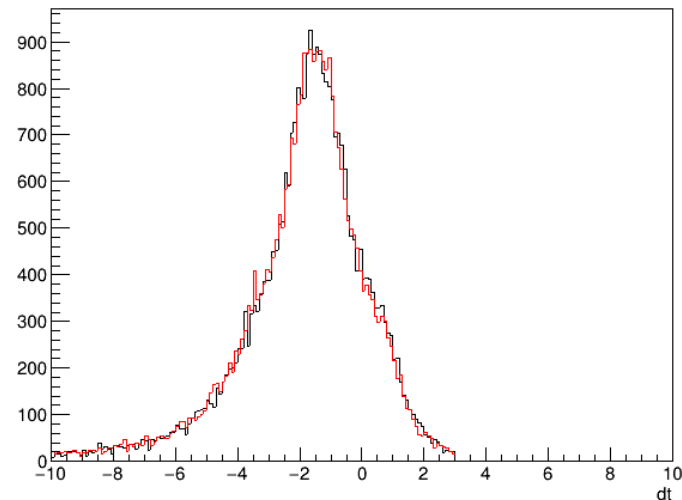
PDF for different temperatures

PDF for 5mK

Mean dis. for 5mK with 32000 events

upward Mean = -1.813 , std = 0.011

dwward Mean = -1.872 , std = 0.010
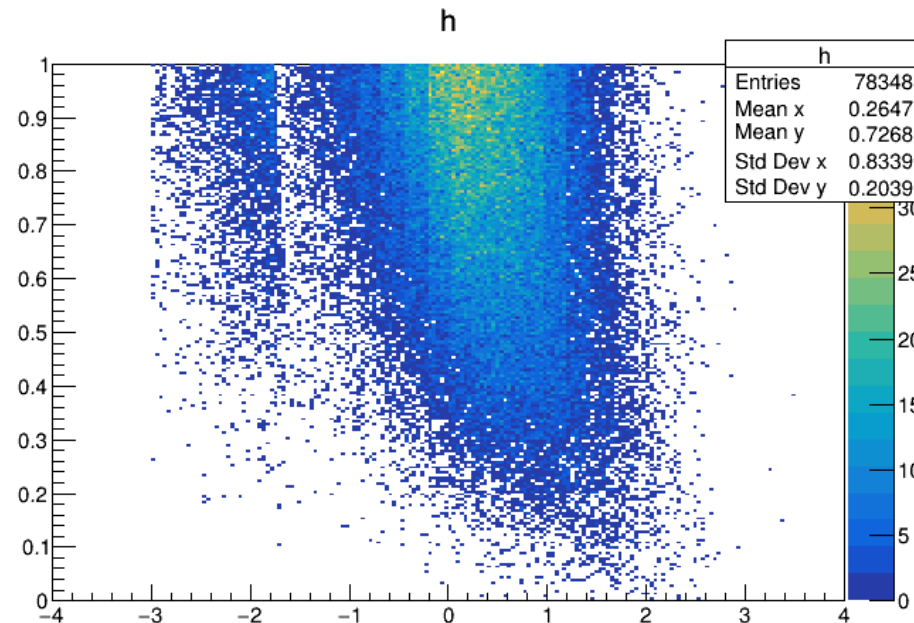

PDF for 5mK with 32000 events
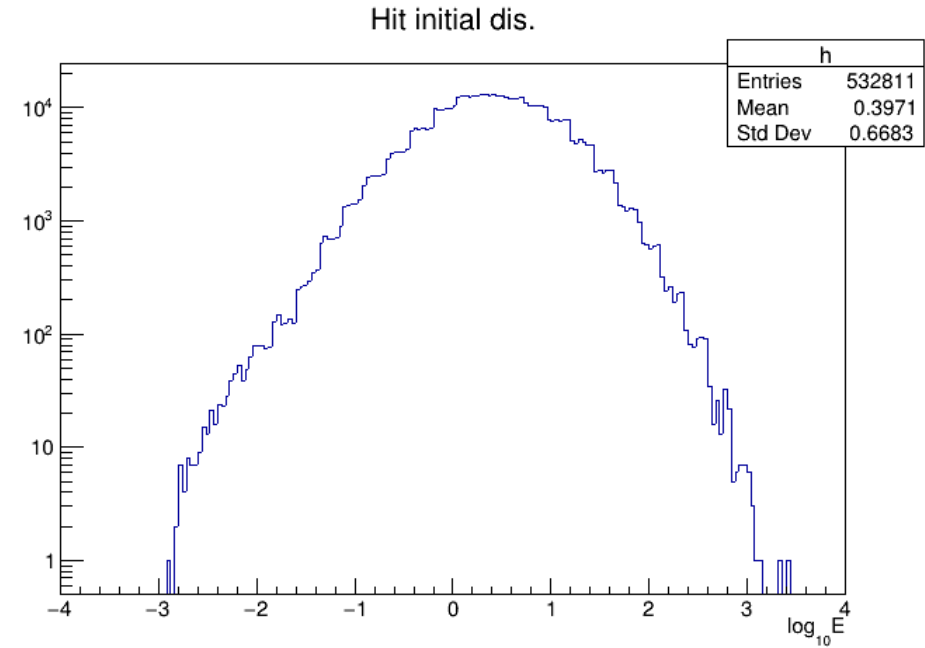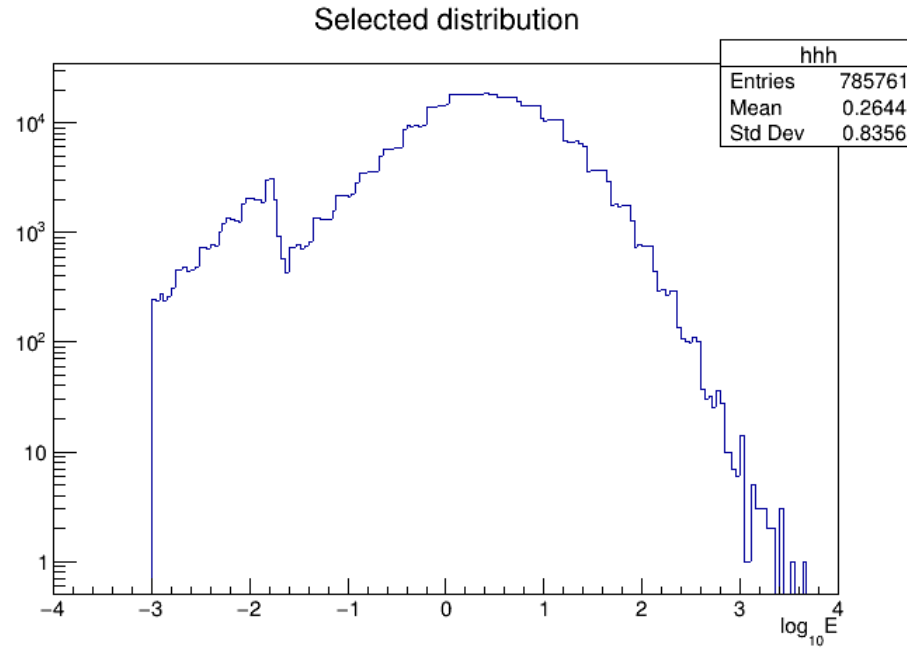
Get mean of this sample

dN/dlogE problem in MUSIC (even CRY)

- To reduce the data size, we exclude particles which almost do not interact with geometry(not detector) when we save the data.

- What I had shown was biased data (pre-selected).

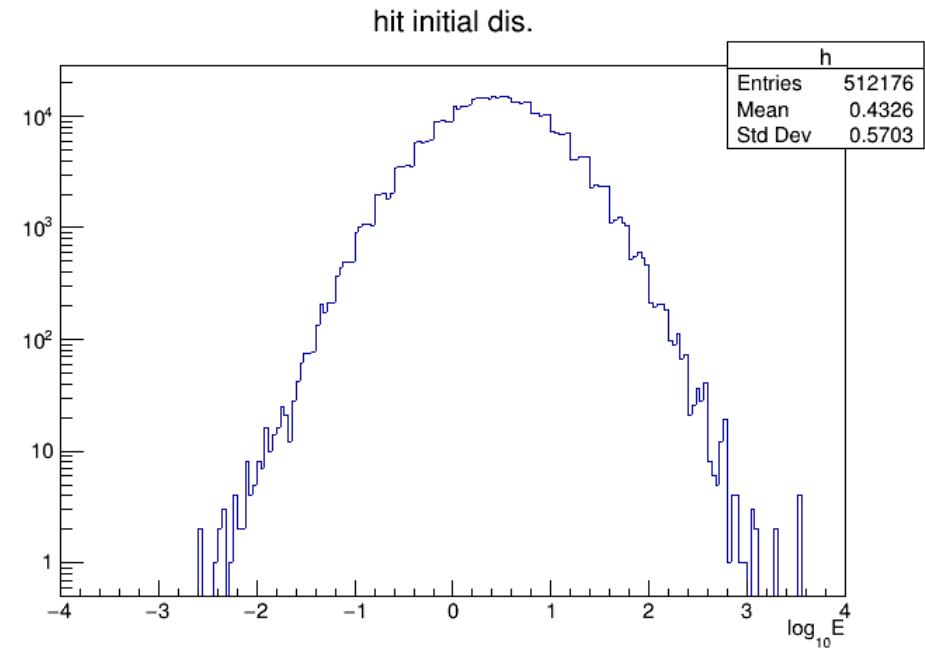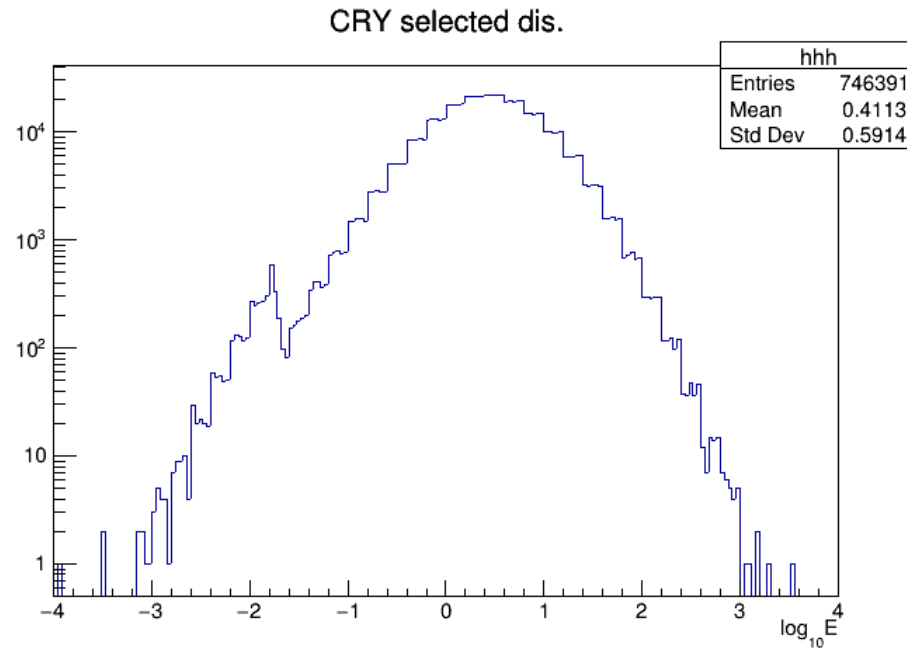- Initial distribution of hits would be less biased.
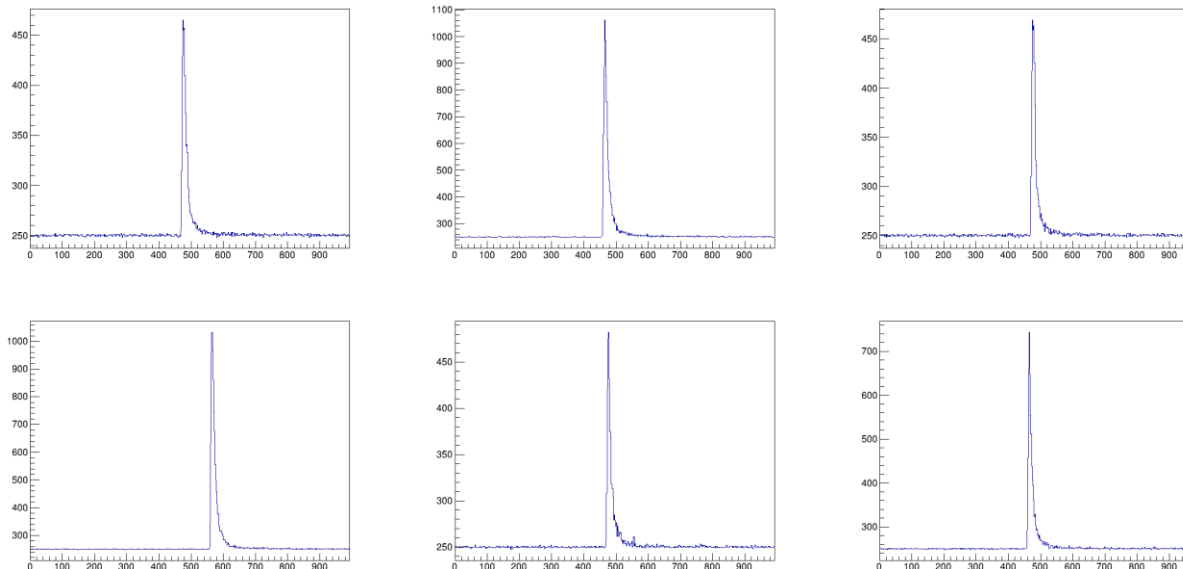
Pre-selected vs Hit initial distribution
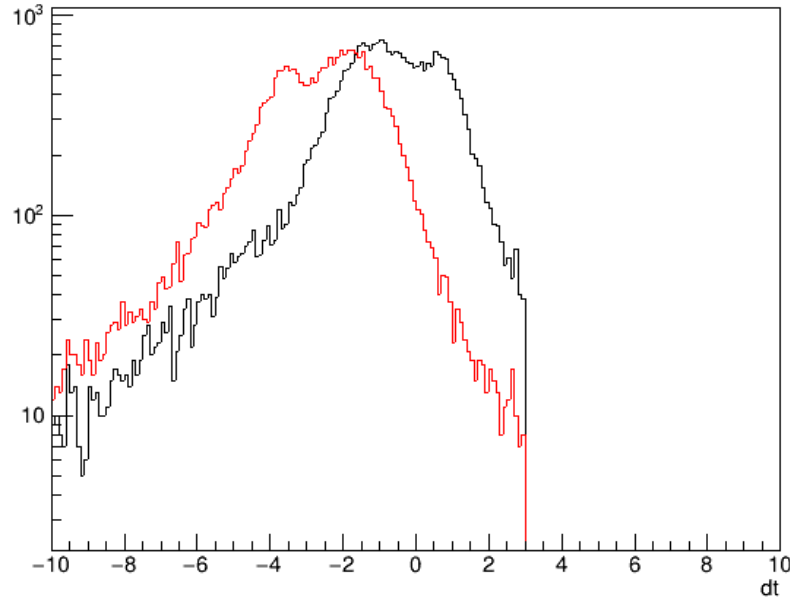
Trigger simulation

- I have received the trigger simulation.
- But there was some inconsistency of data structure.
- Trigger simulation cannot handle pile-up in a trigger window.
- Our raw simulation has all information of 500ms experiments.
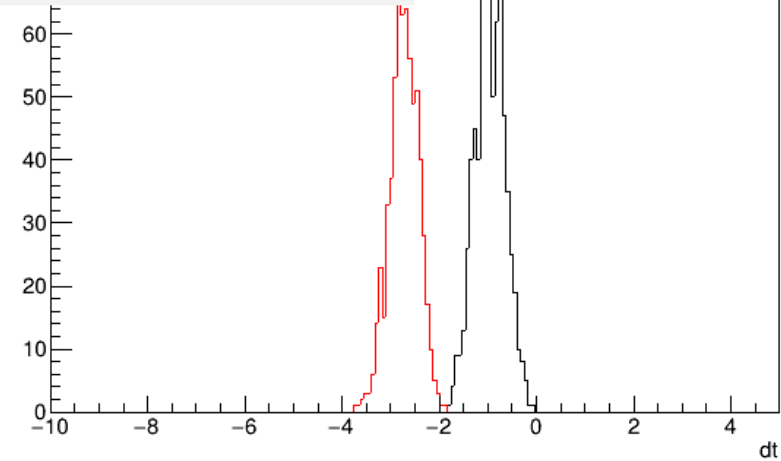
backup

PDF for different temperatures
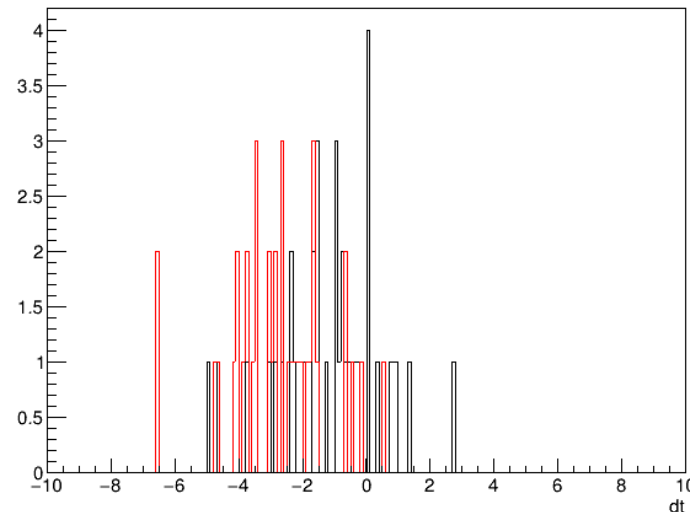

PDF for 100uK

Mean dis. for 100uK with 38 events

upward Mean = -0.956 , std = 0.305

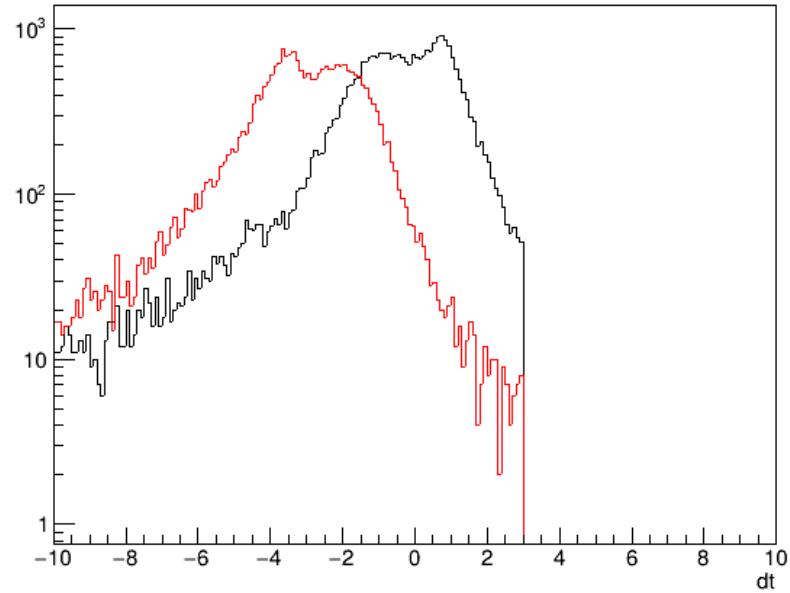dwward Mean = -2.728 , std = 0.297

PDF for 100uK with 38 events
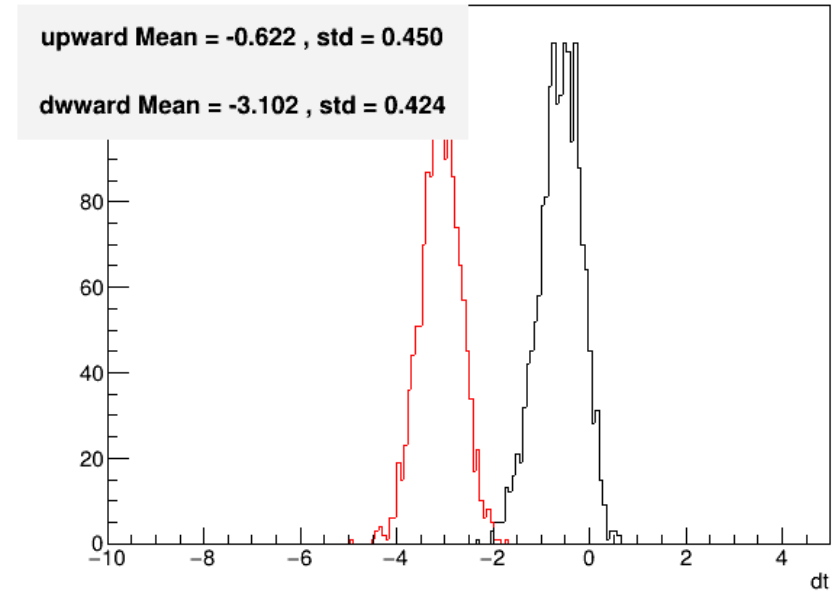
Get mean of this sample
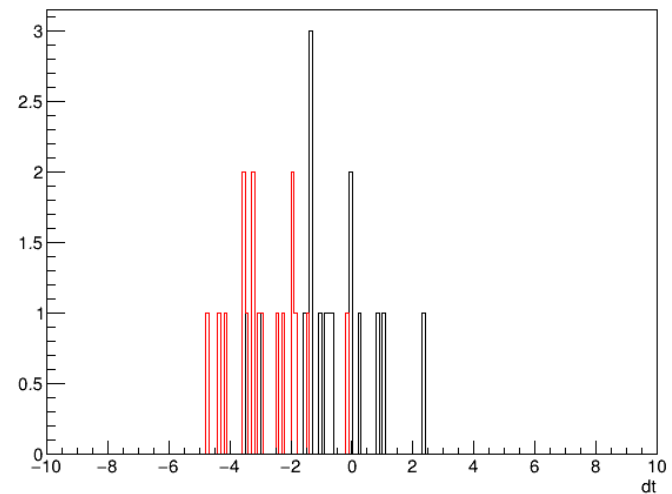
PDF for different temperatures

PDF for 50uK

Mean dis. for 50uK with 17 events

upward Mean = -0.622 , std = 0.450

dwward Mean = -3.102 , std = 0.424

PDF for 50uK with 17 events

Get mean of this sample