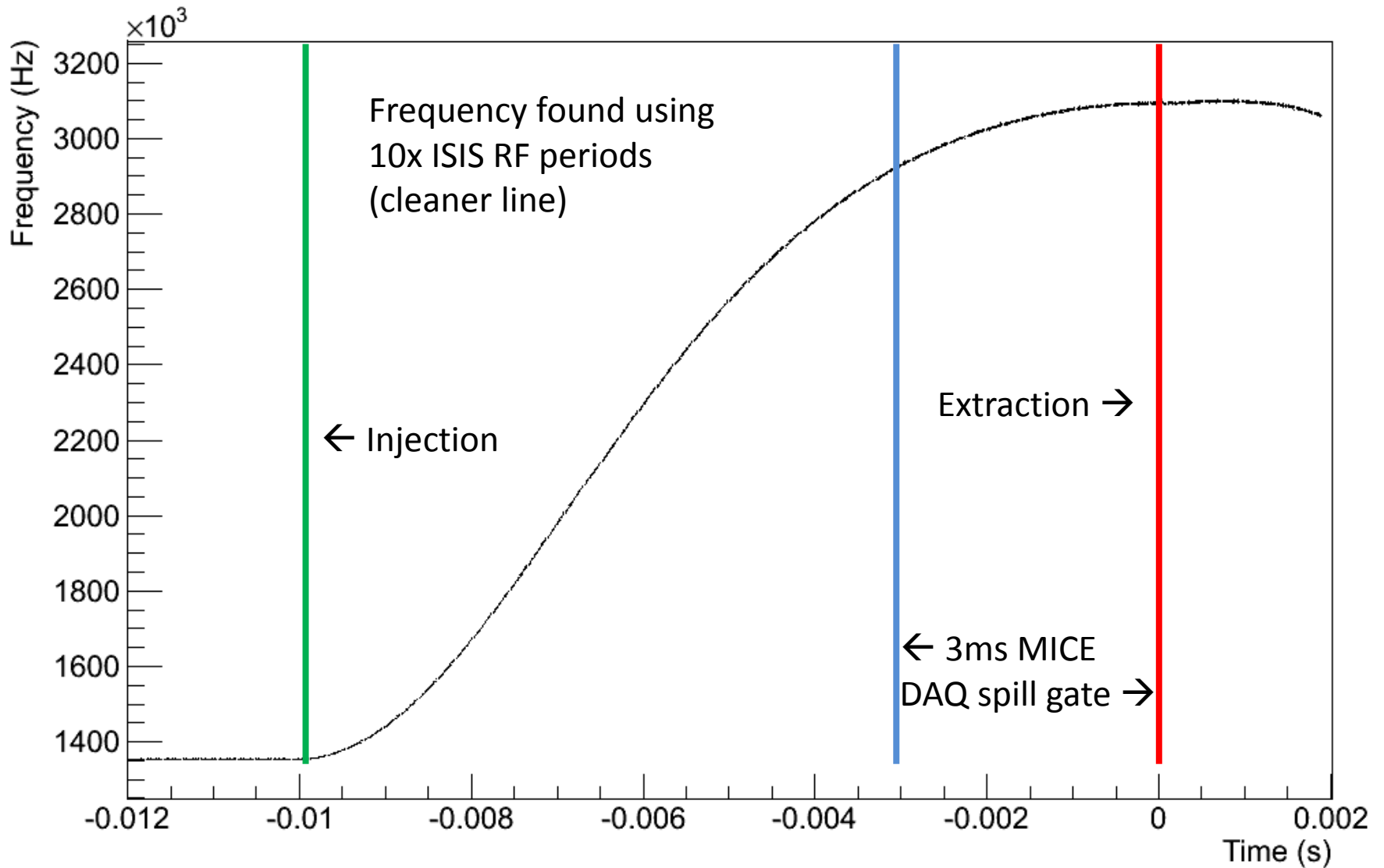
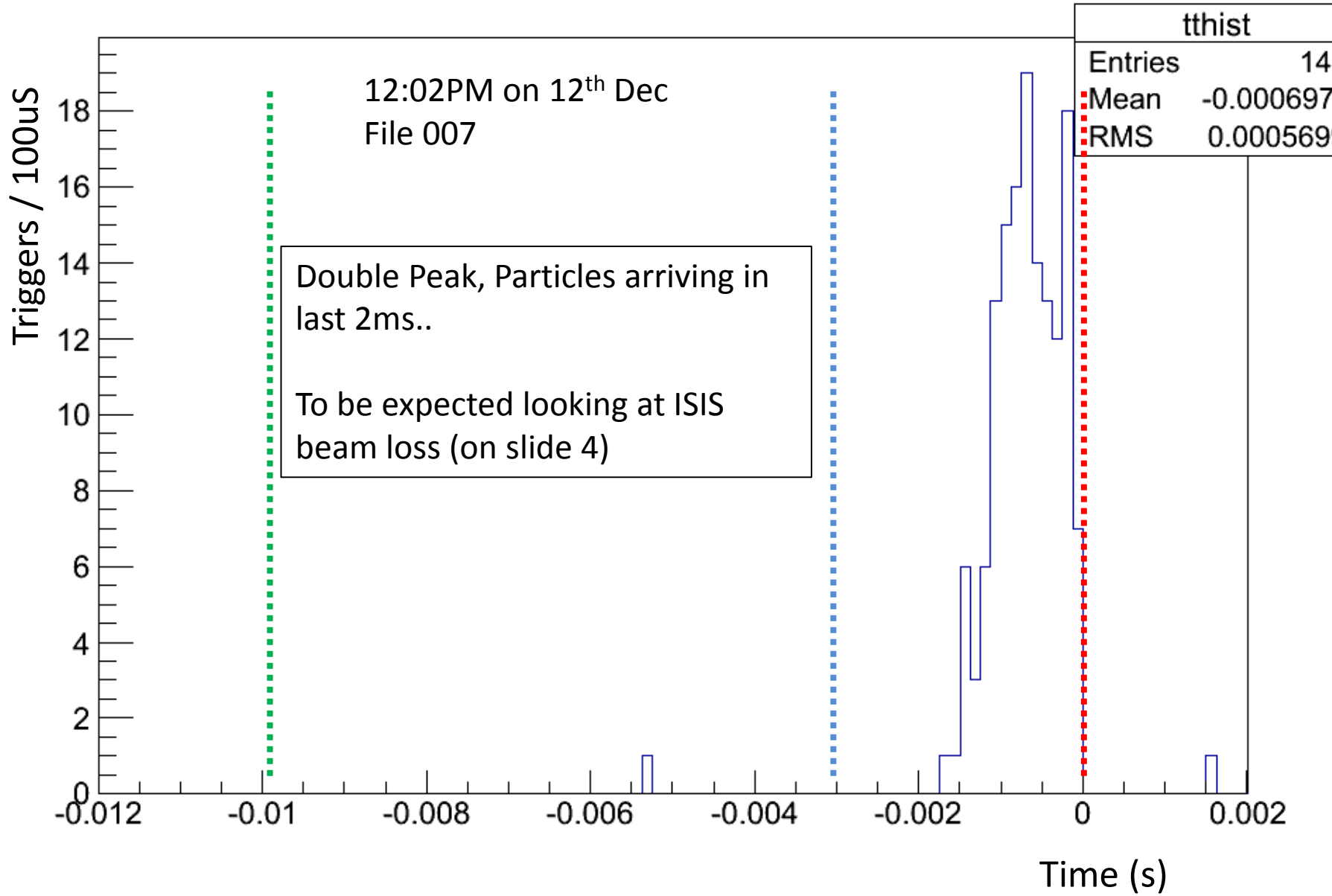


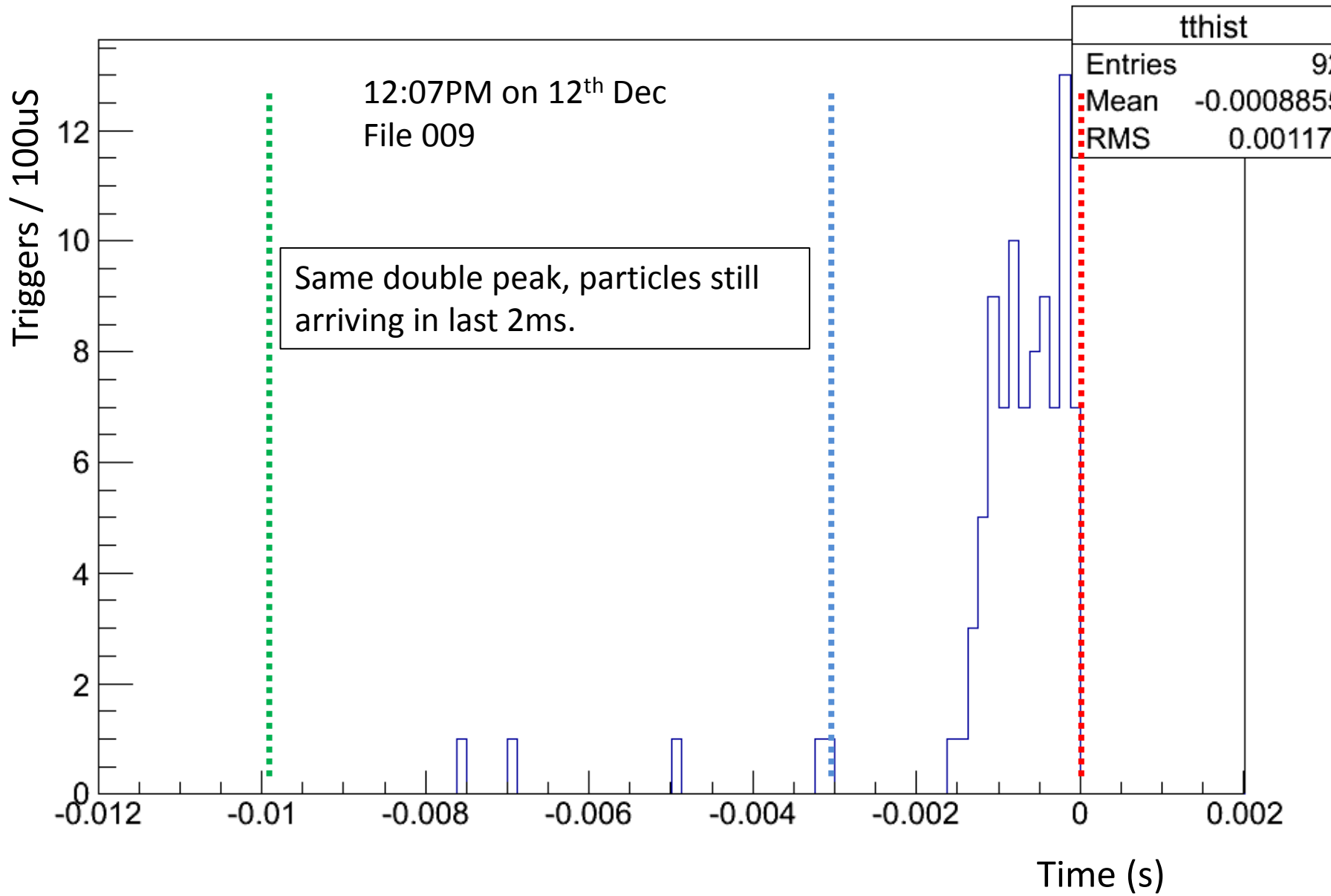
ISIS Frequency Ramp

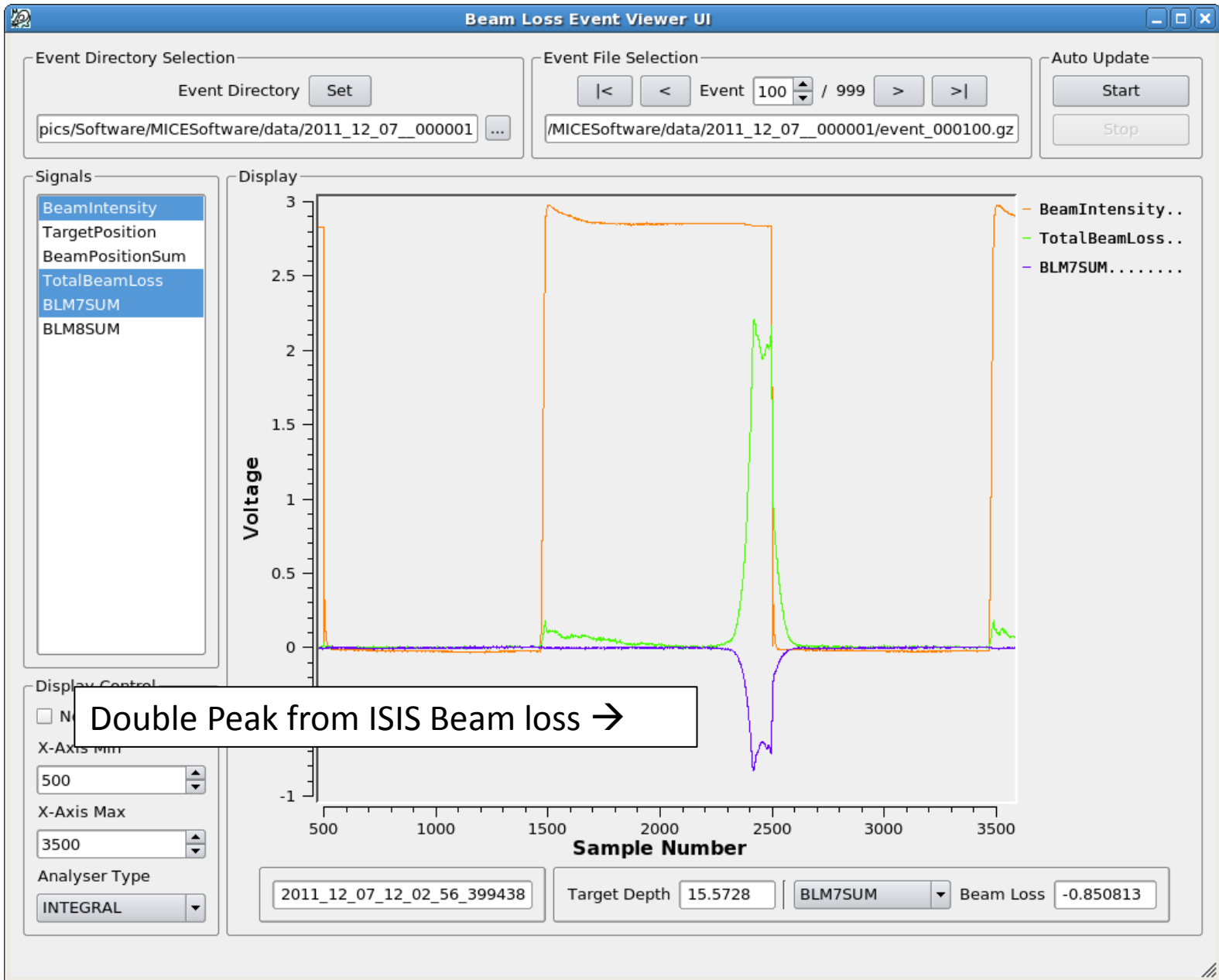


Time of particle arrival in spill

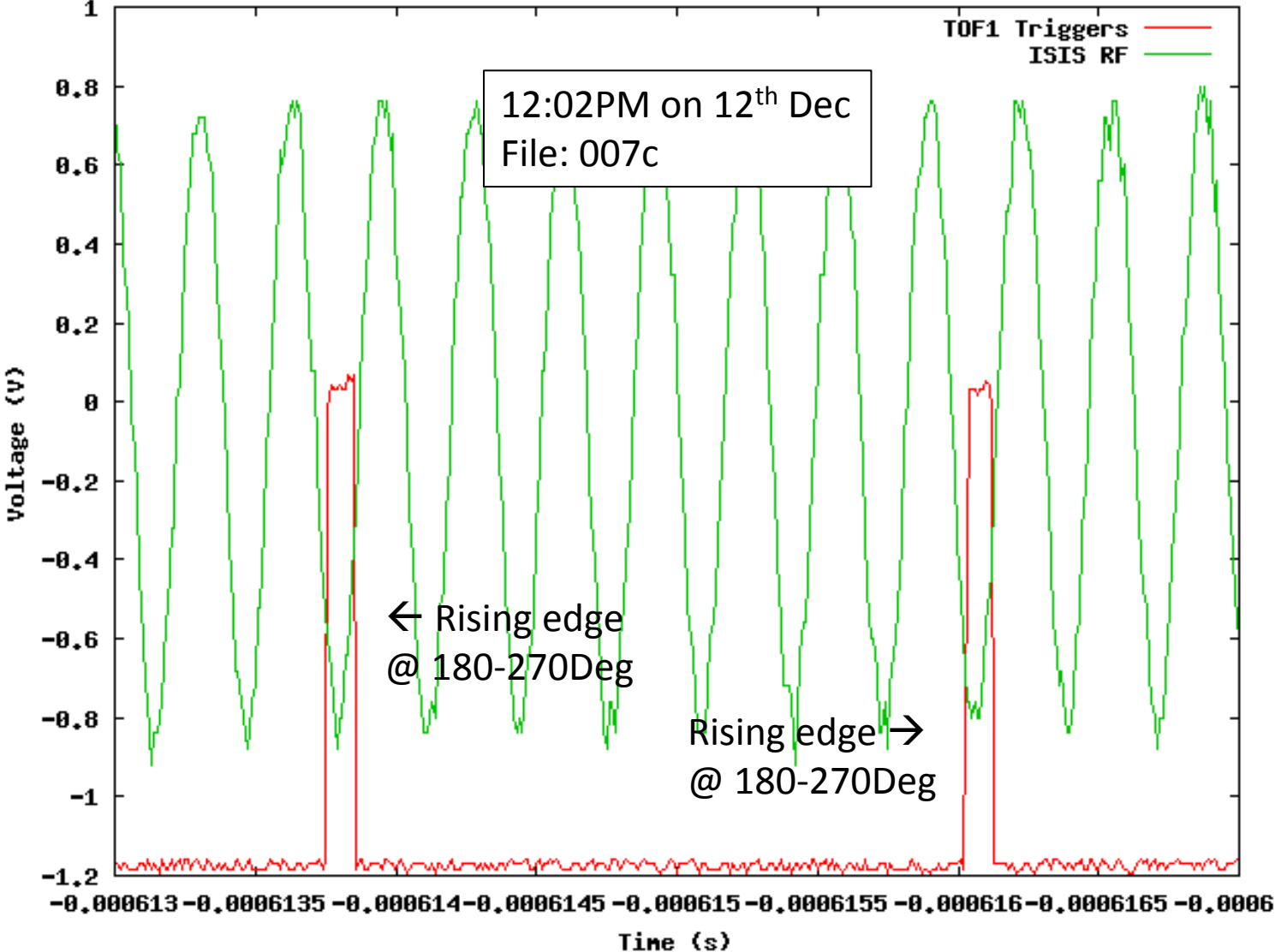


Time of particle arrival in spill

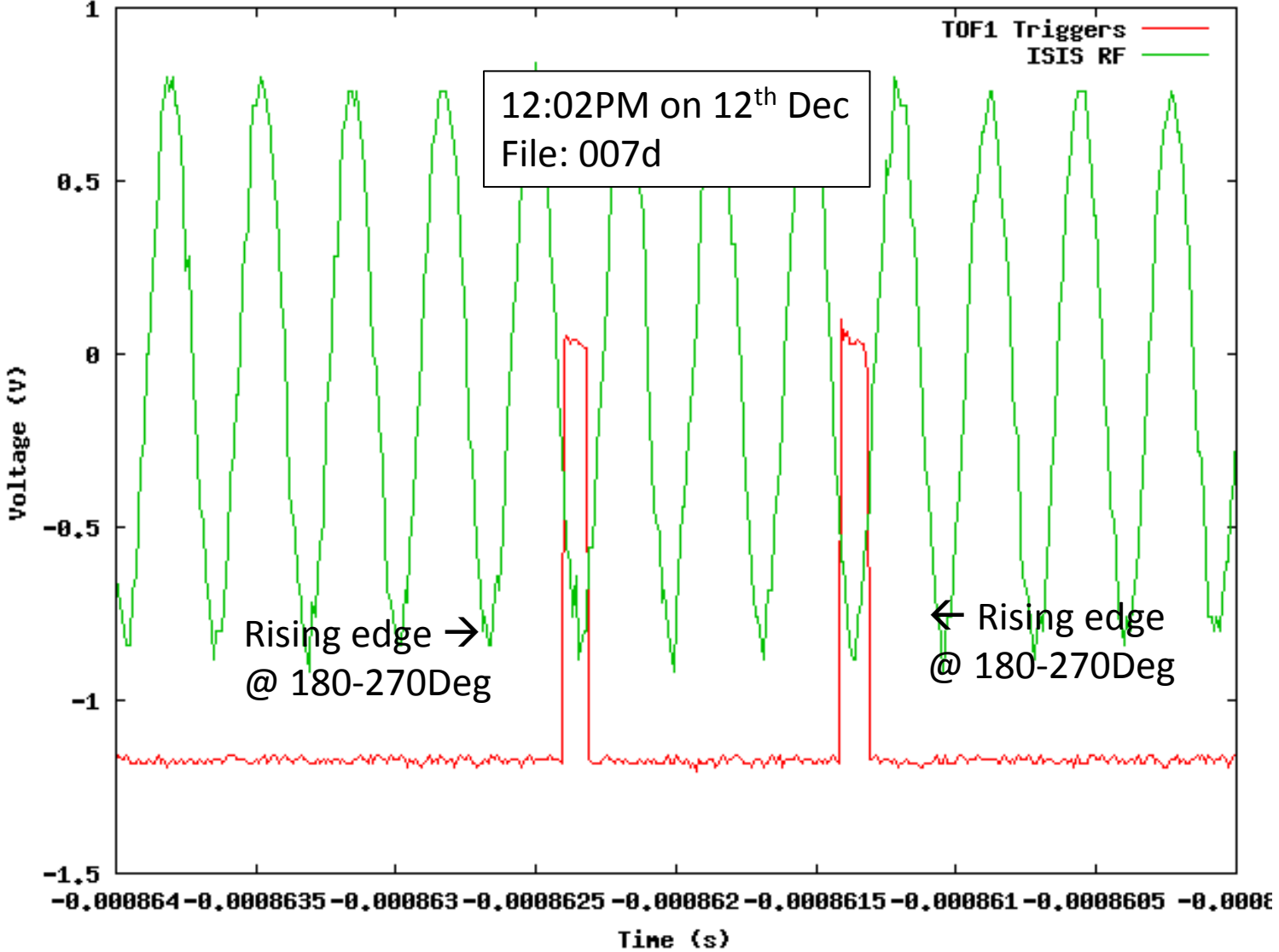




Manual Check

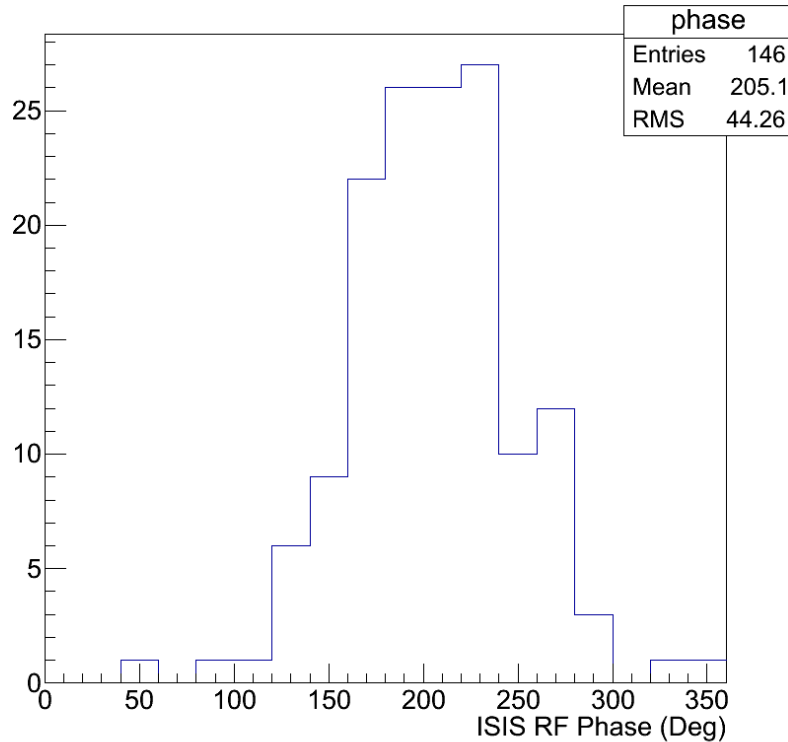


Manual Check

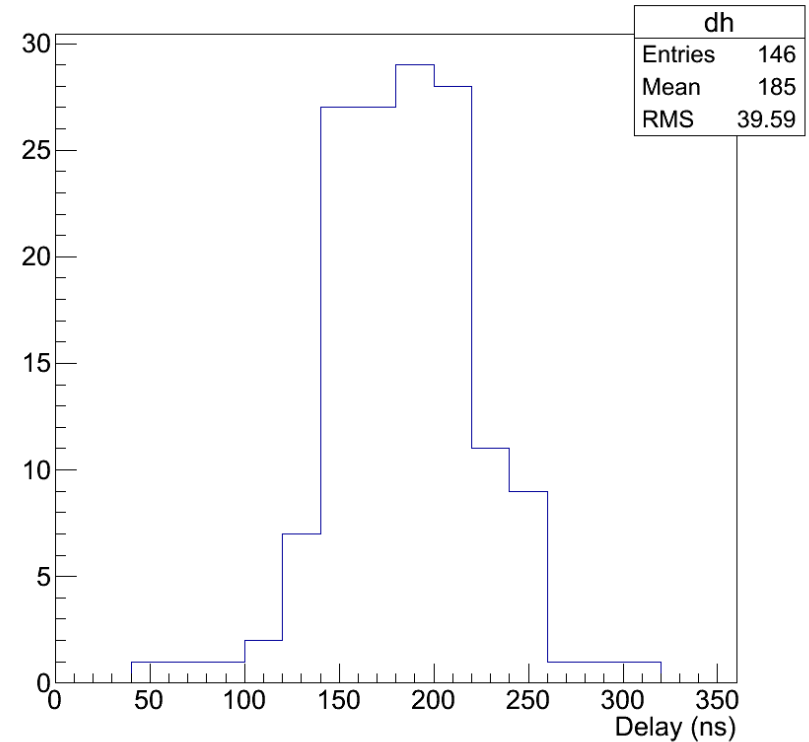


Trigger Delays

Phase of ISIS RF at the arrival of particle triggers in MICE

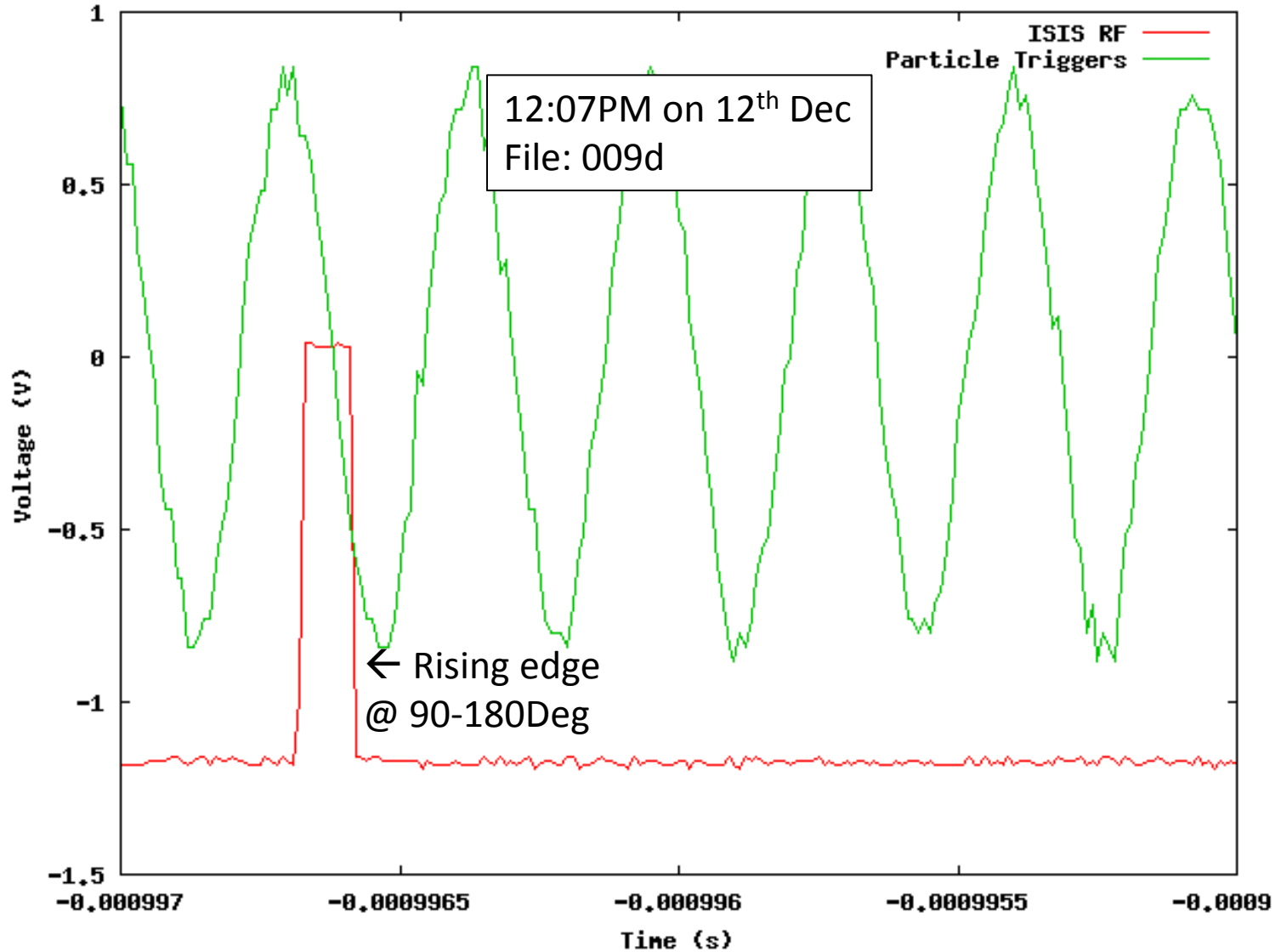


Time after rising edge of ISIS RF of particle triggers in MICE

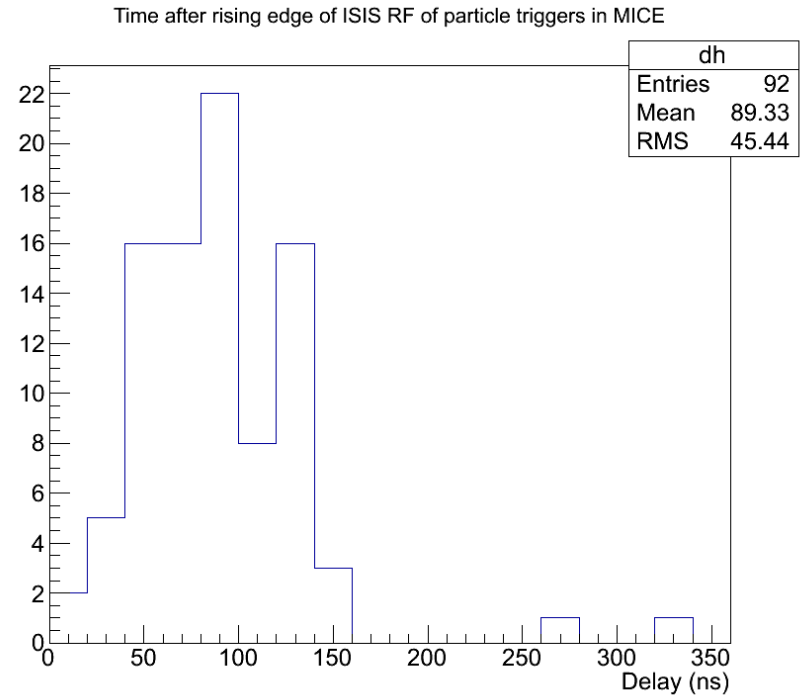
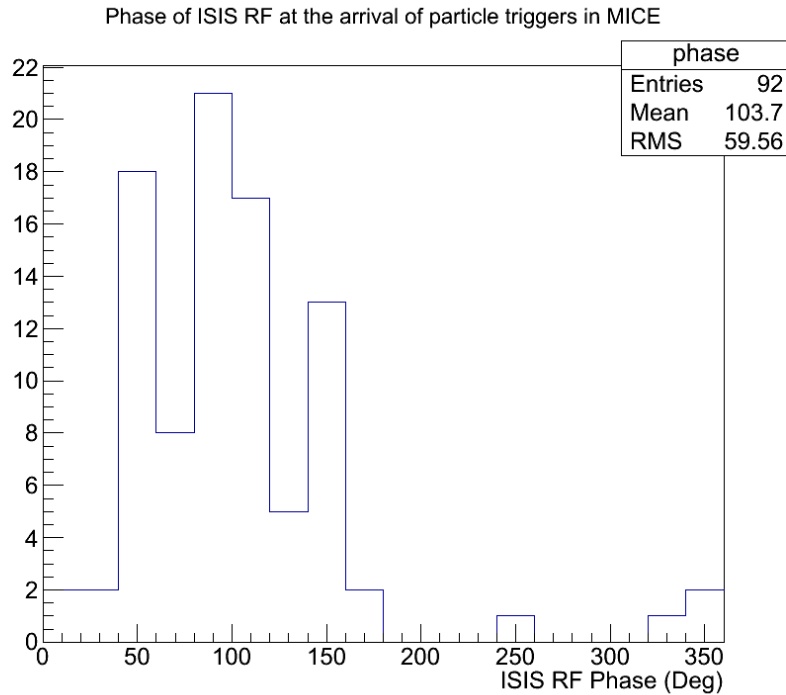


- Slide from last week (data from 12:02PM)
- Checked 9 triggers manually (4 shown here). All fit with phase plot.

Manual Check



Trigger Delays



- Same slide from last week. Data recorded 12:07 on 7th Dec.
- Checked 9 triggers manually, in addition to the 4 shown.. All fit.

Thoughts and plans

- Apart from the unknown offset the data makes sense (time of triggers and checking by eye).
- Can the problem be split in 3:
 - 1. User Error: am I an idiot an unable to read Tektronix csv files correctly?
Can be checked by repeating the test.. But with the same signal connected to all inputs.
 - 2. Is something strange happening with the ISIS RF signal?
 - 3. Is this an effect from the TOF trigger?
- According to ISIS website the user run starts again on 21st Feb.