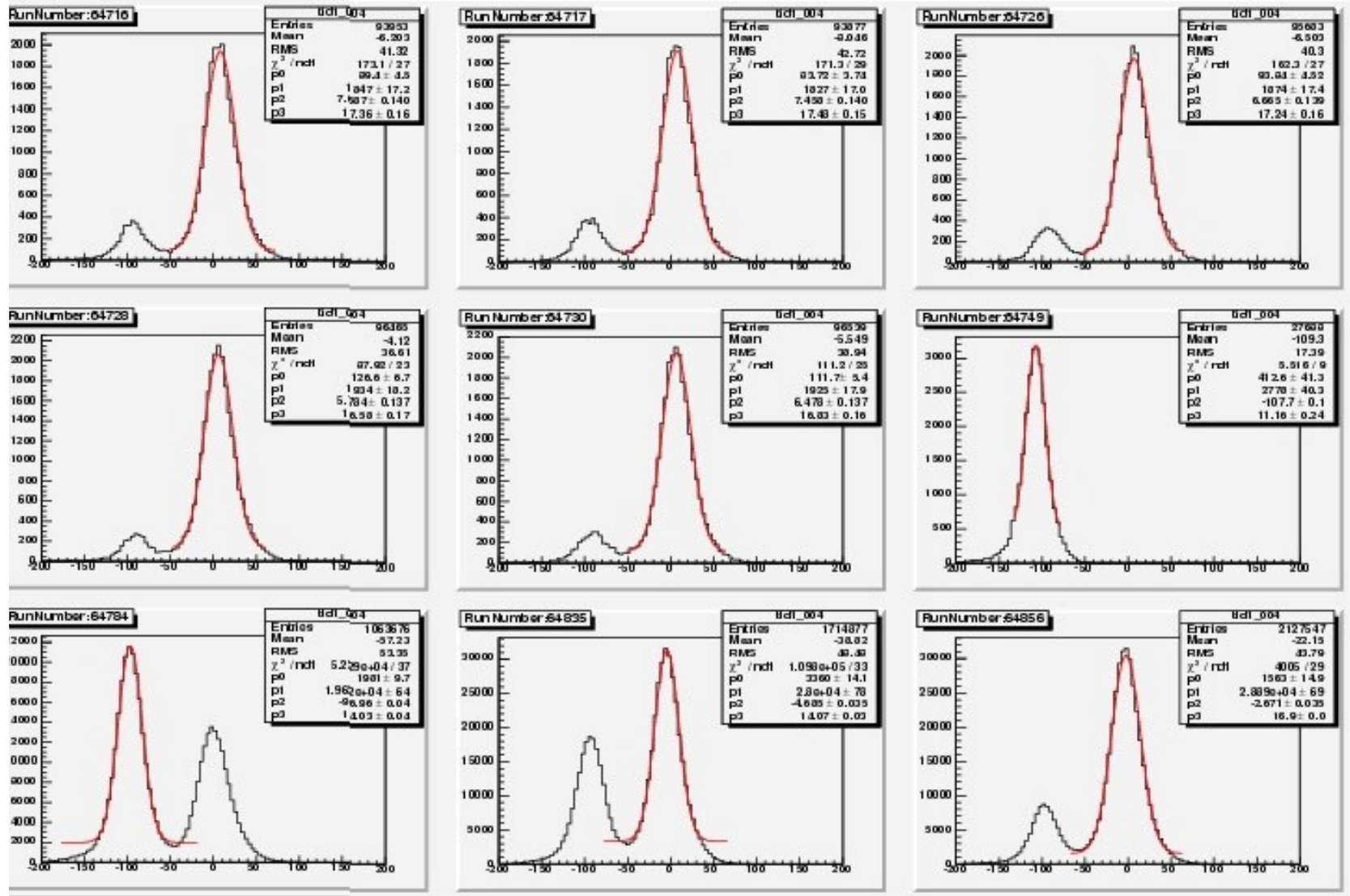


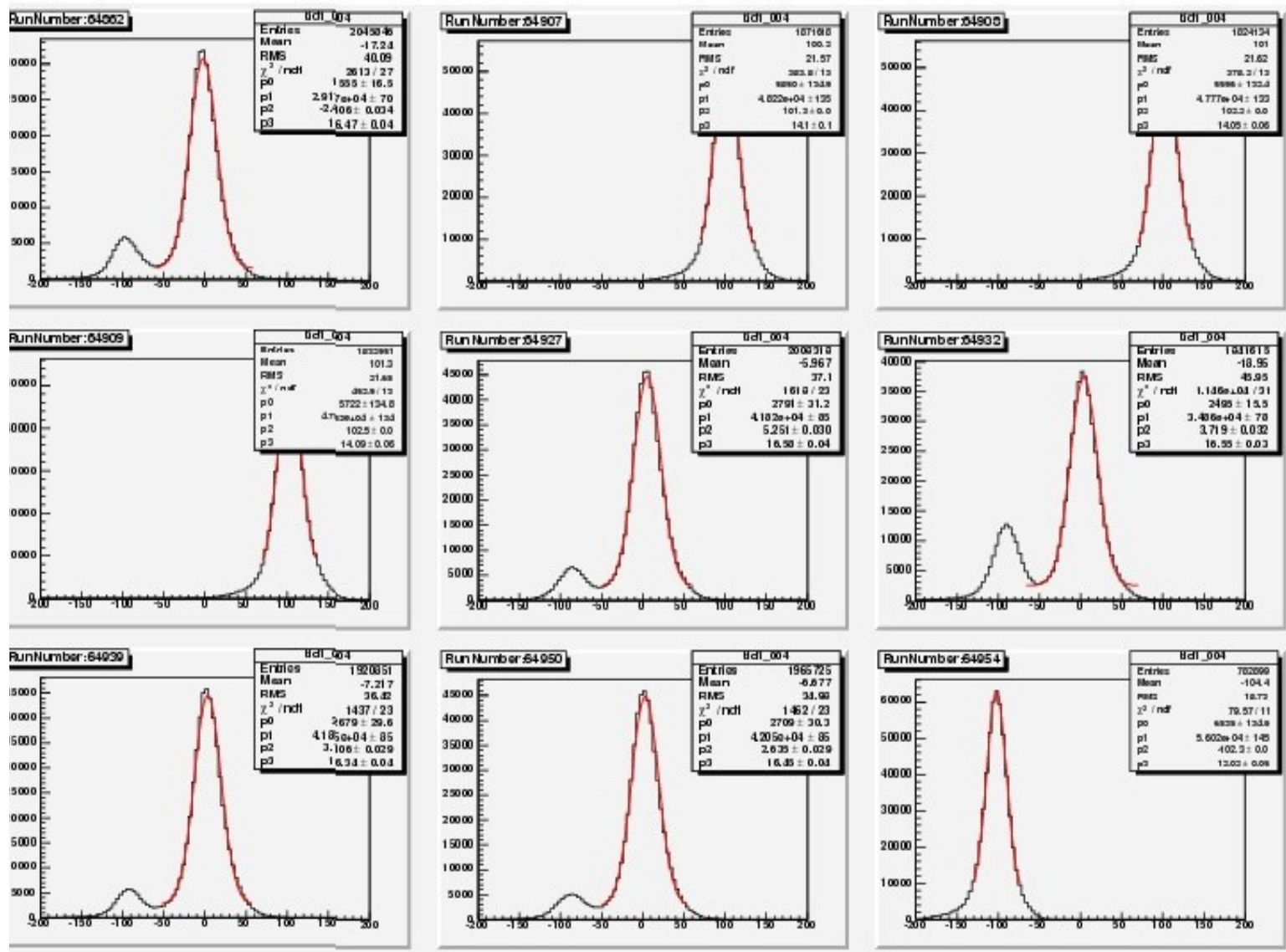
# Checking TDC alignment for T counter

- Checking T-right TDC minus T-left TDC:
  - 1) Checking conditions:
    - a) production run: using HyCal trigger
    - b) TAC run: using MOR trigger
    - c) Snake Scan: using HyCal trigger
  - 2) Checking range: Run Number from 64704 to 65127(**only selected the first file of each run**)
- Special results:
  - 1) TDC shifting at T counter id 4 and id 7 (**shifting position is about +100 or -100 TDC counts**)
  - 2) The two peaks of id 4 and 7, (**the dist. between the two peaks is about 100 TDC counts**)
  - 3) There are 49 problem runs (39 Production run)

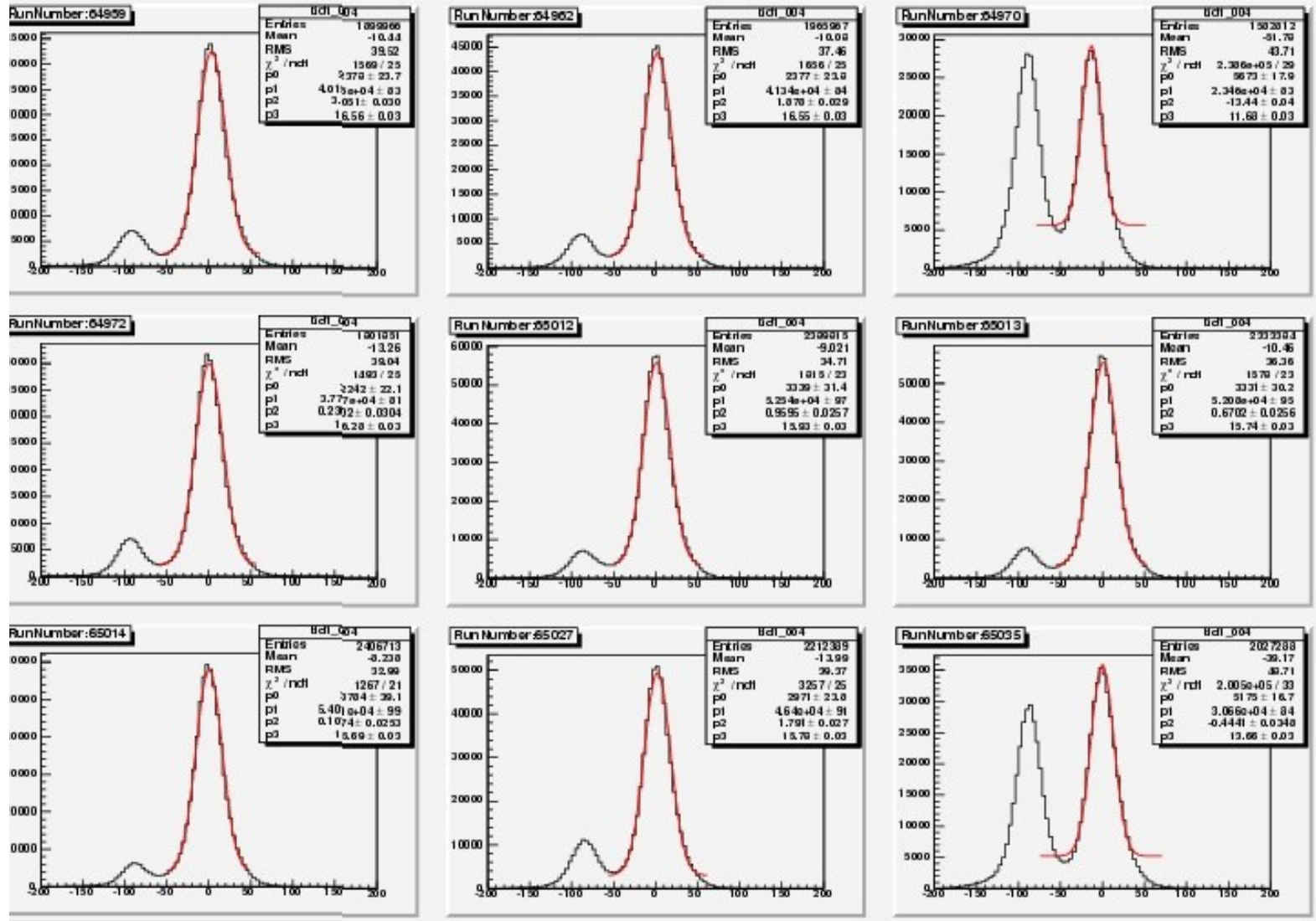
# ID 4: T-right TDC minus T-left TDC



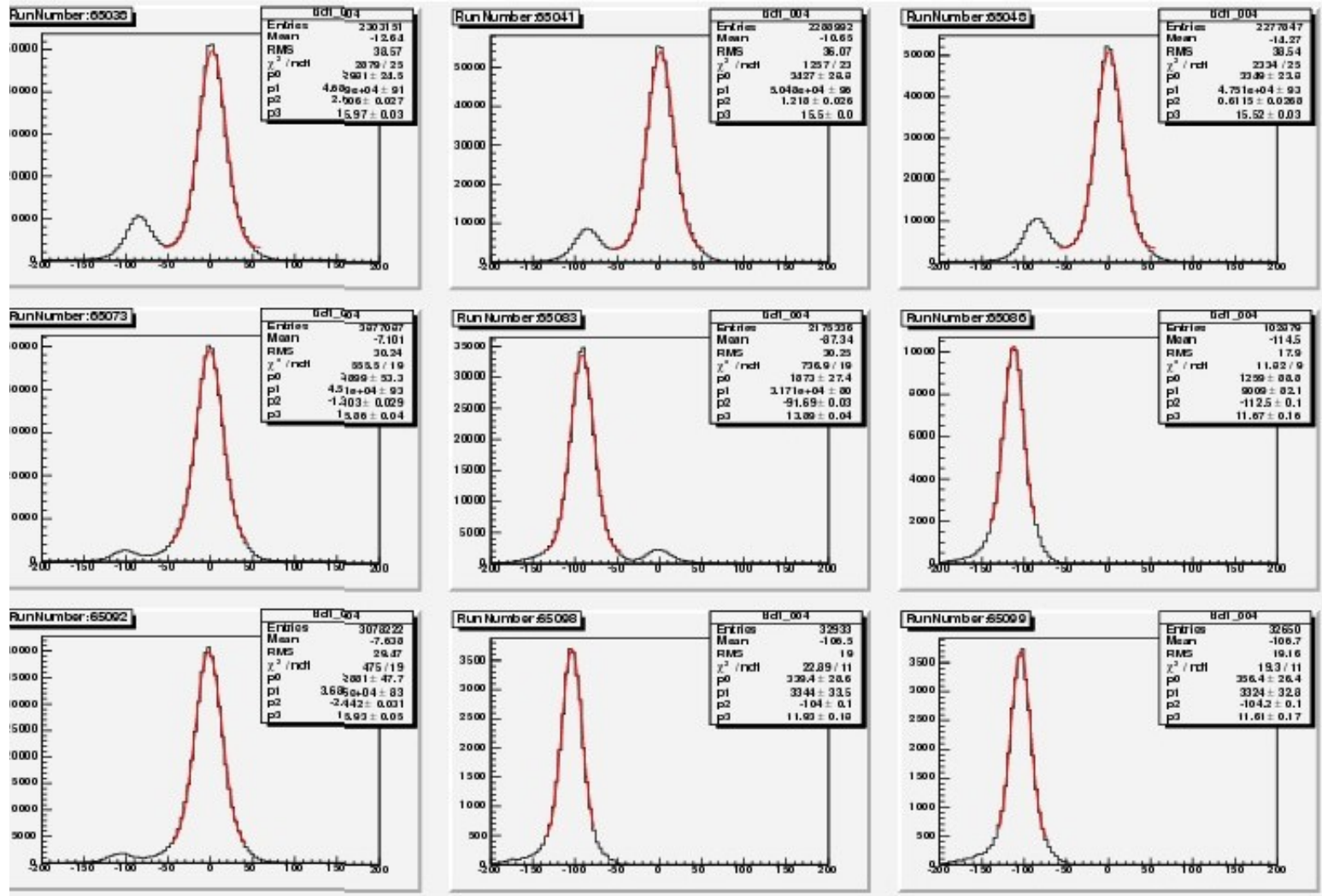
# ID 4: T-right TDC minus T-left TDC



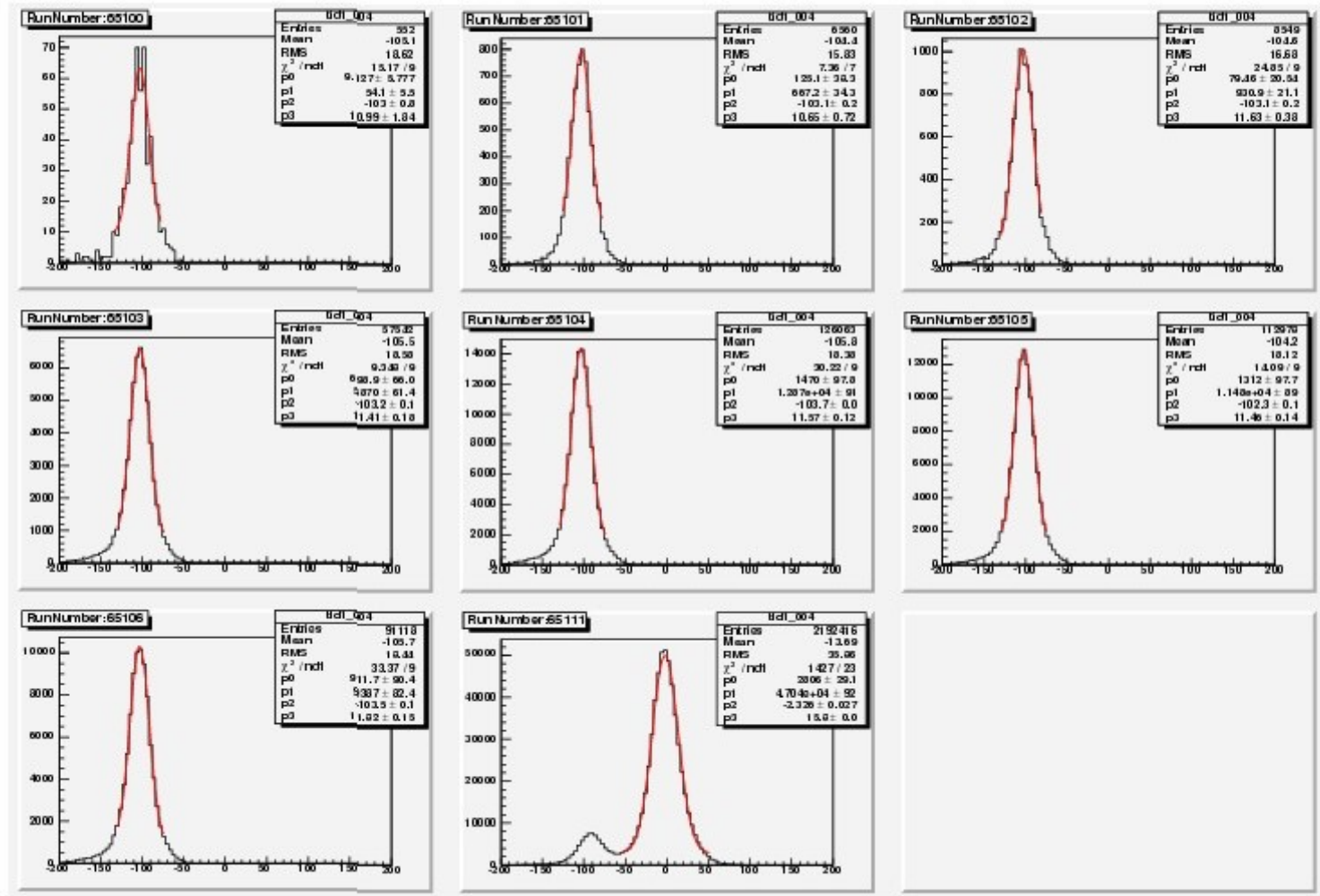
# ID 4: T-right TDC minus T-left TDC



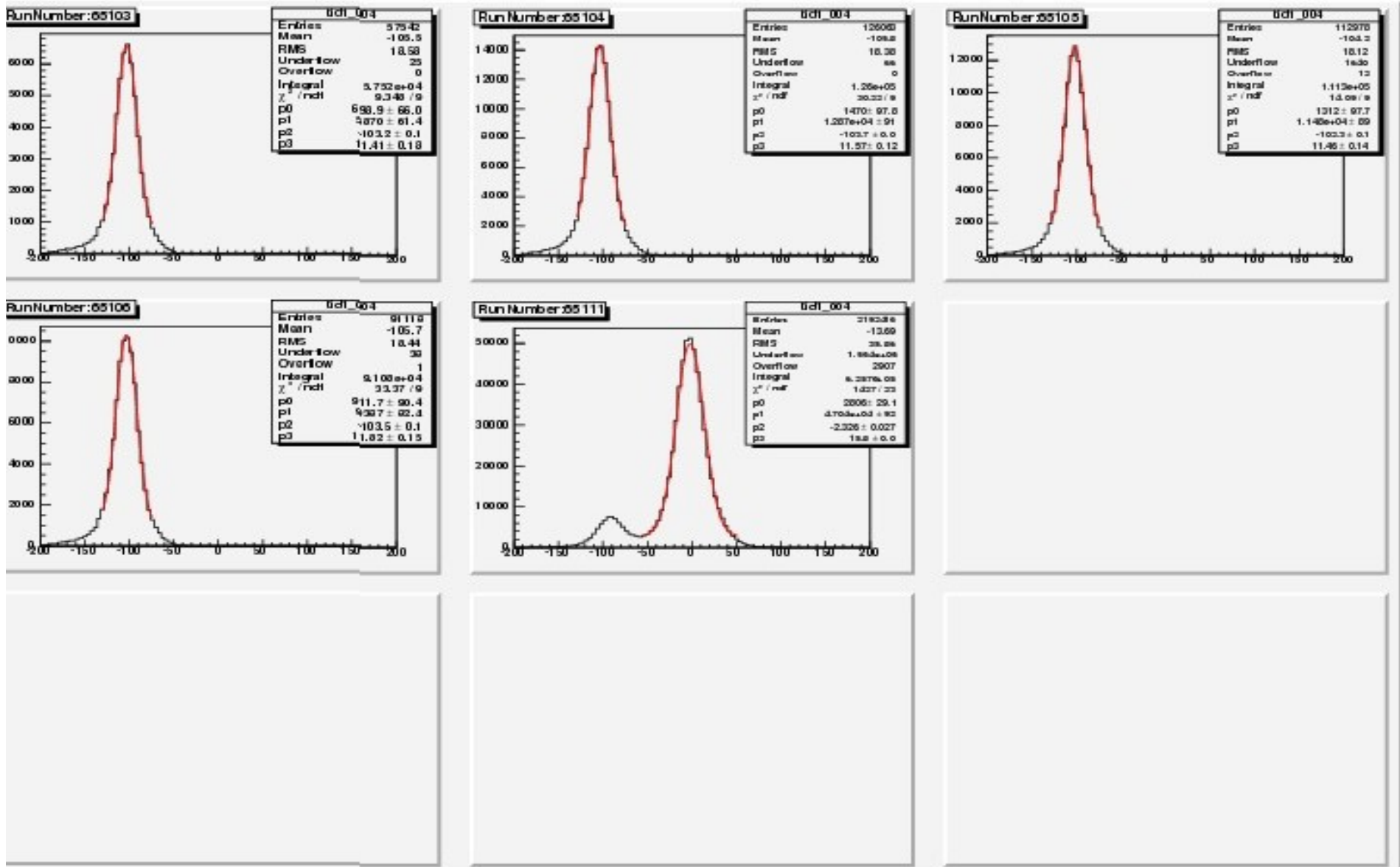
# ID 4: T-right TDC minus T-left TDC



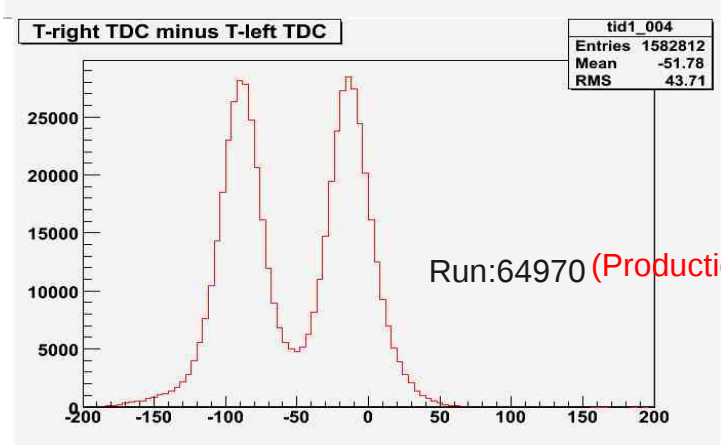
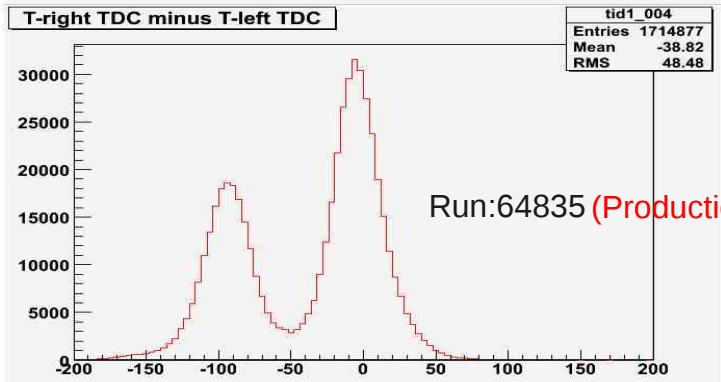
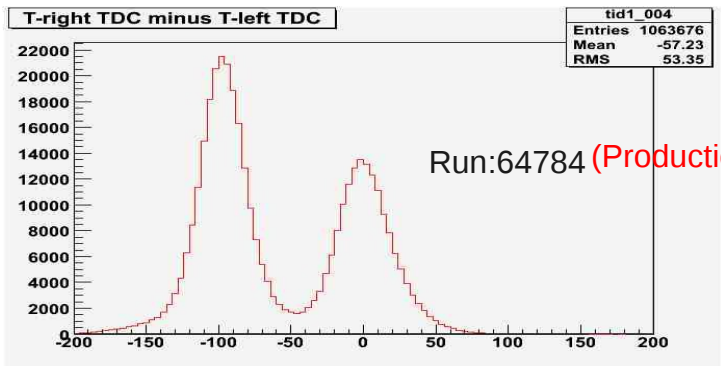
# ID 4: T-right TDC minus T-left TDC



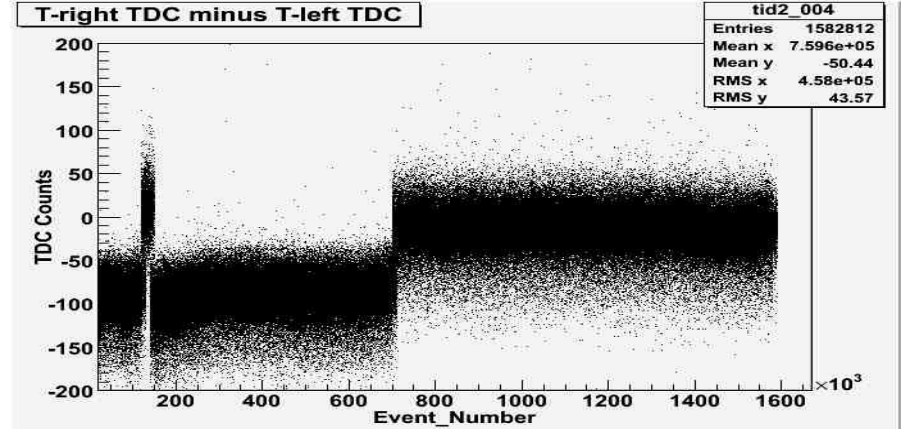
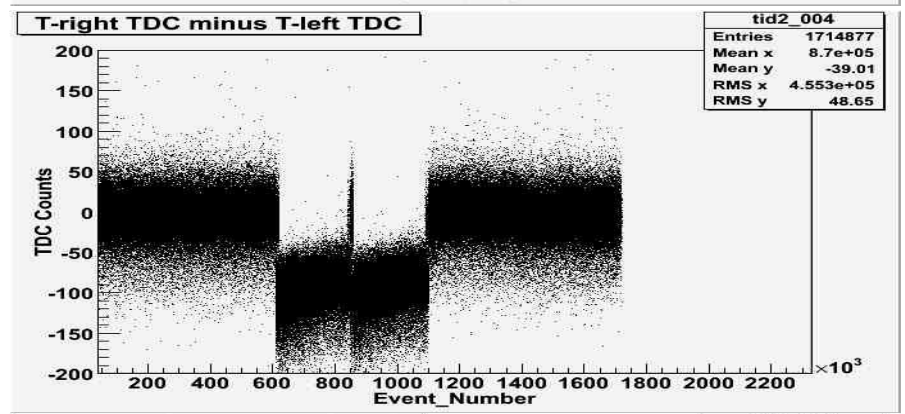
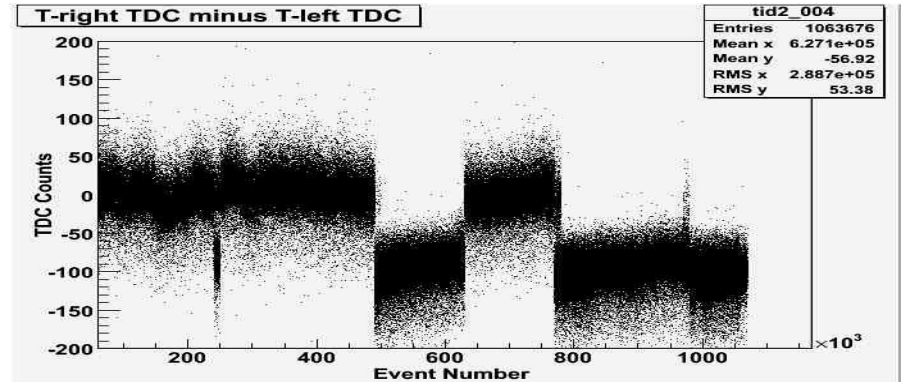
# ID 7: T-right TDC minus T-left TDC



# T-right TDC minus T-left TDC(id:4)



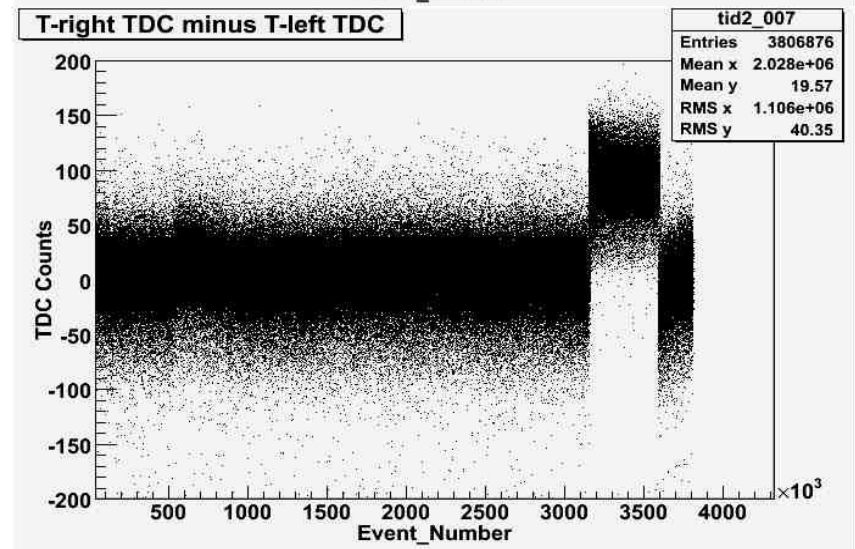
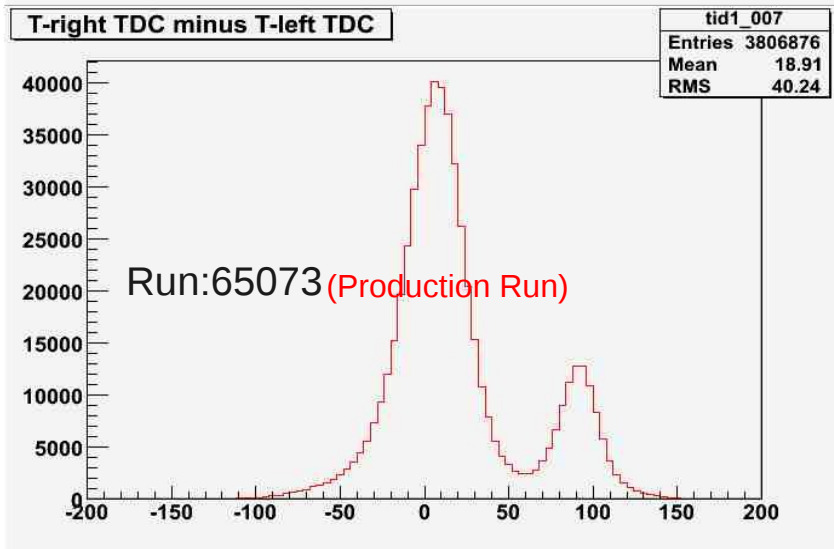
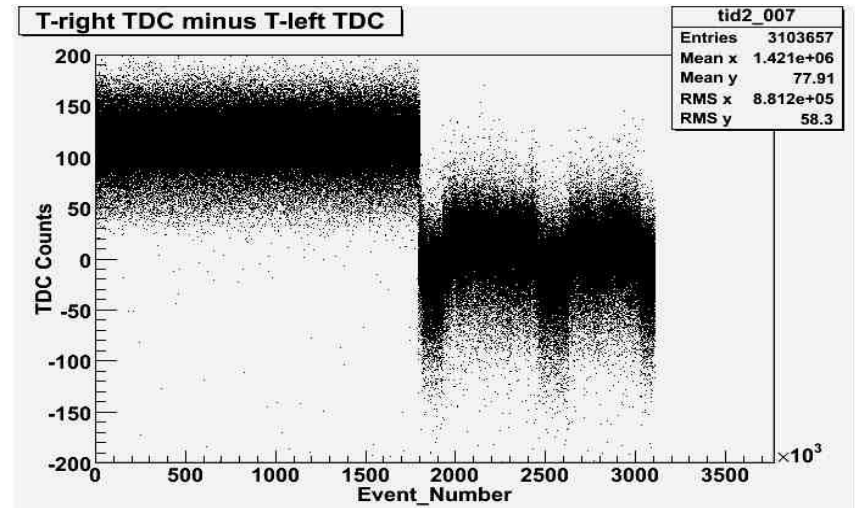
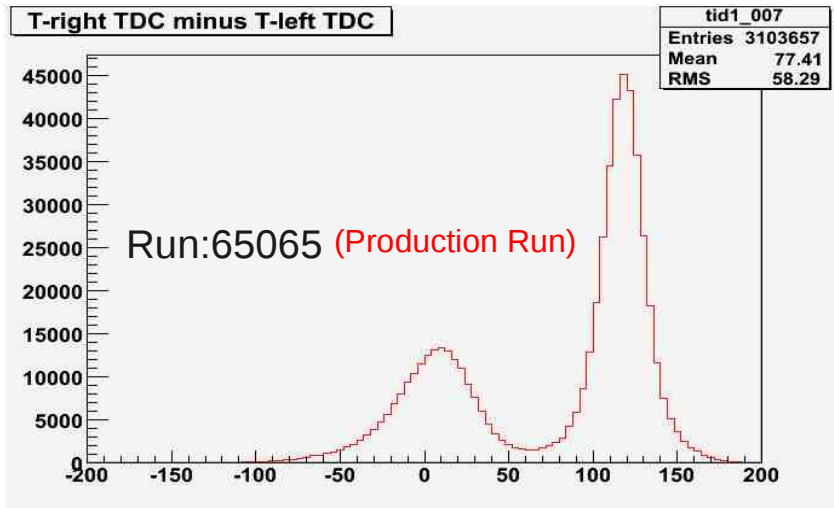
# TDC counts vs Event Number(id:4)



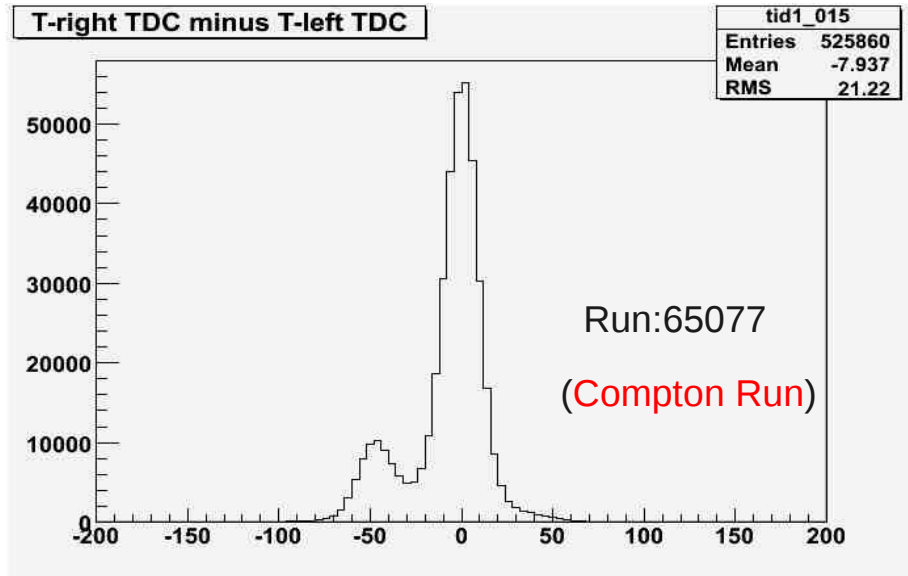


# T-right TDC minus T-left TDC(id:7)

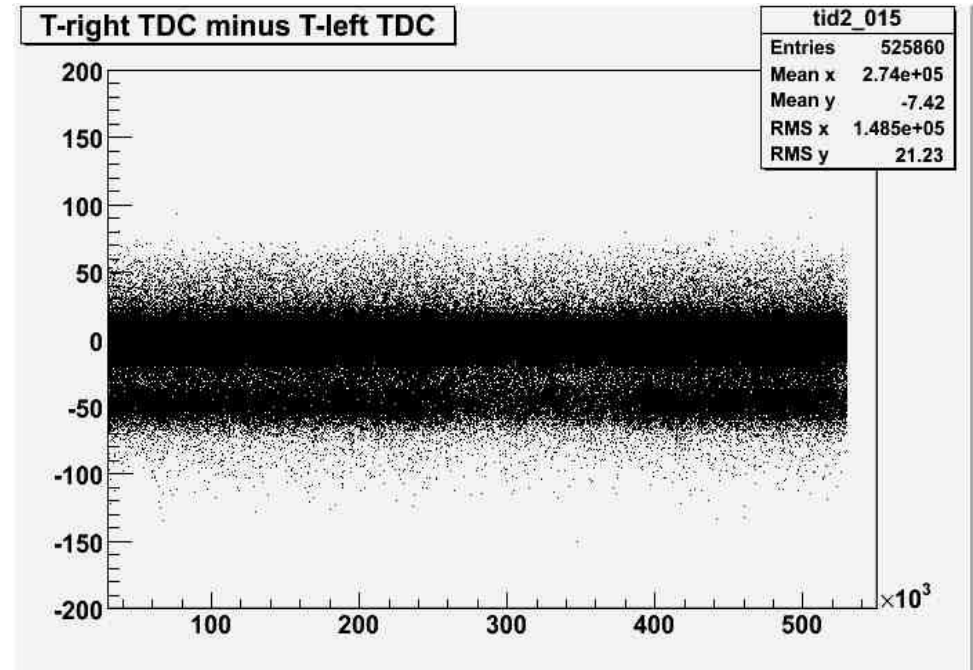
# TDC counts vs Event Number(id:7)



T-right TDC minus T-left TDC(id:15)



TDC counts vs Event Number(id:15)



TID 15: also has two peaks in some Compton Run(65079-65082) and snake scan(65116-65127) but don't shift after alignment