Special Runs: TOF Through CLC Electronics

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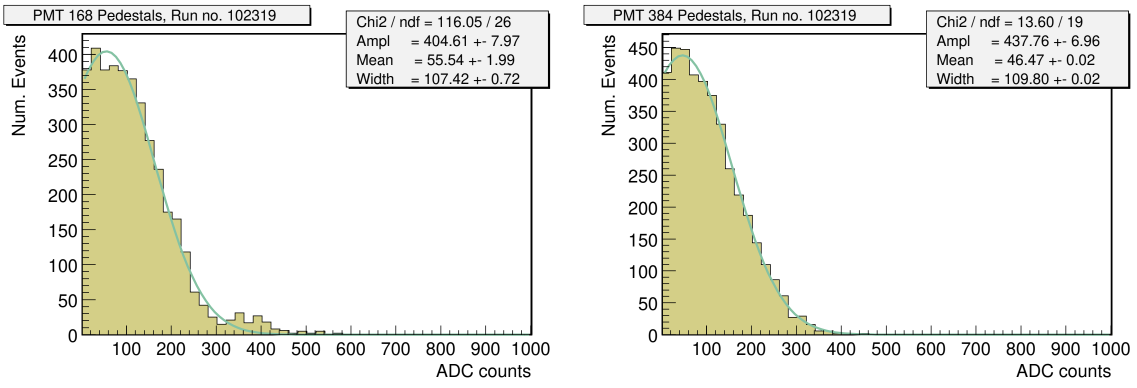
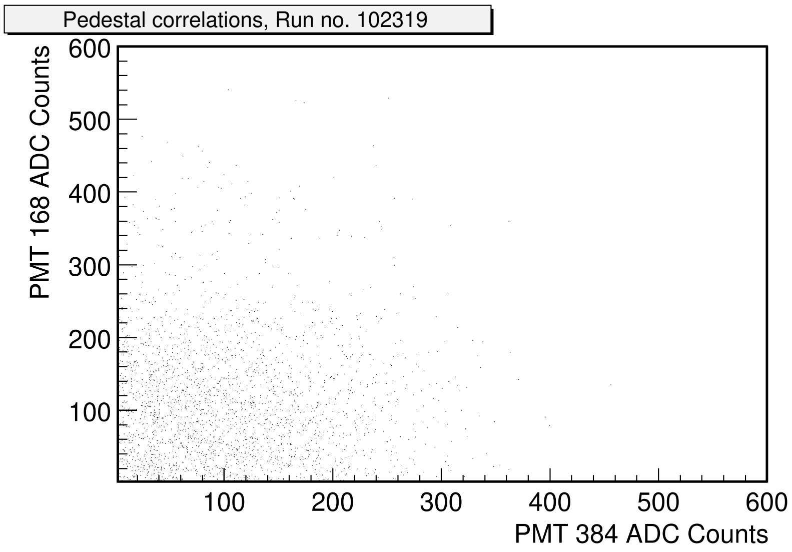
Goals:

- Understand tubes
- See hits
- Study occupancies
- Match tracks to TOF hits
- Reconstruction?

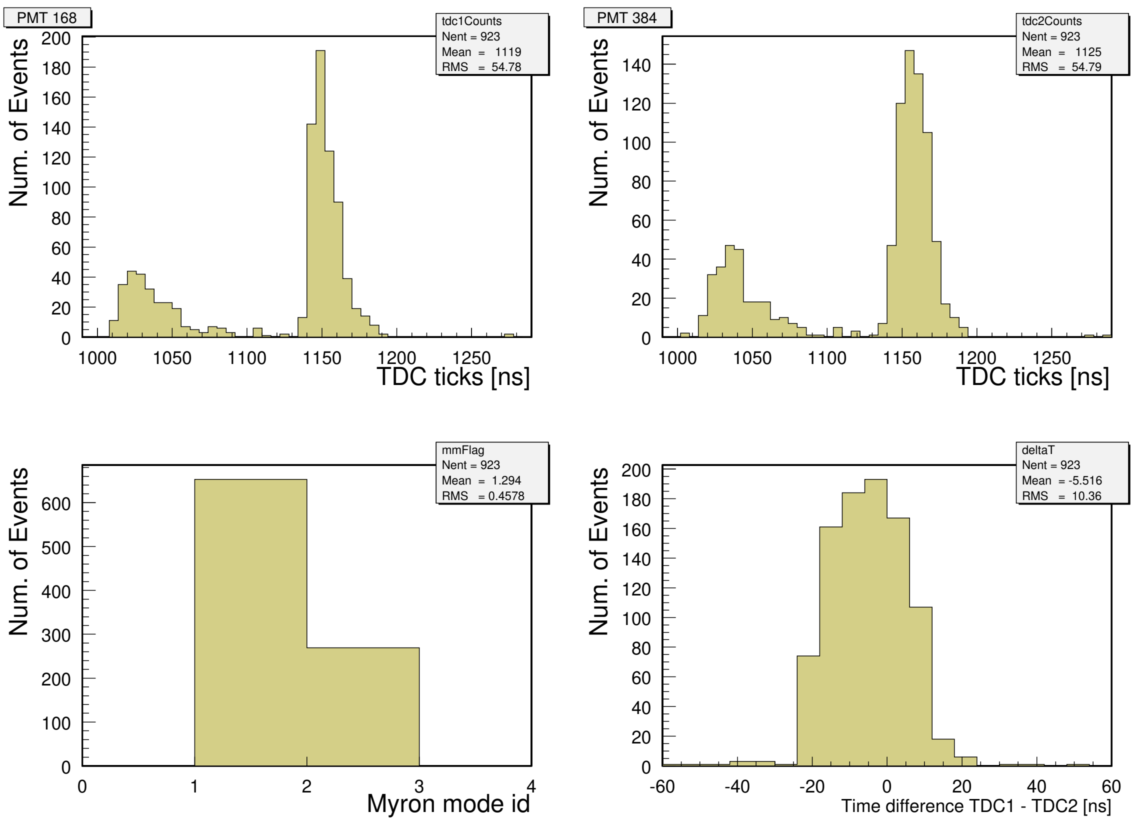
Pedestals for runs up to Run # 101256:





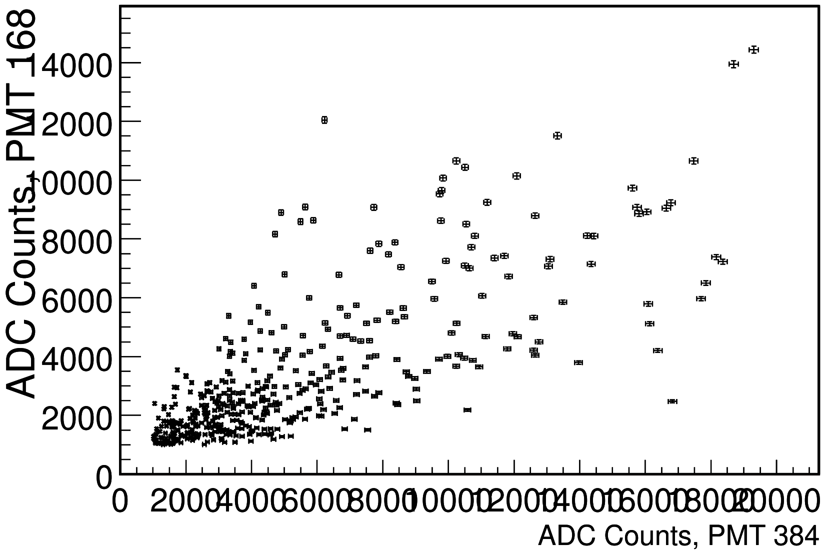
- pedestals at ~ 50 counts, 110 counts wide
- Uncorrelated
- Hit $=$ both ADC's measure 600 or more counts

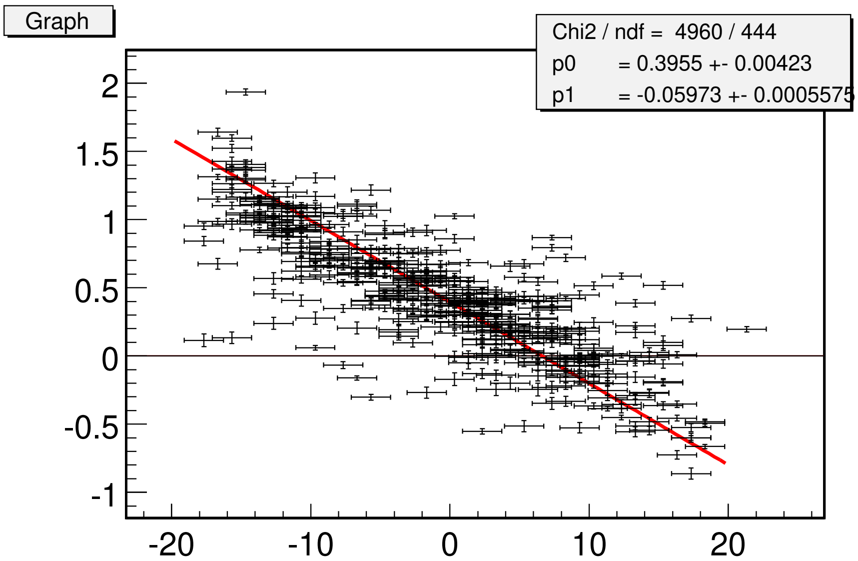
Timing issues:



- Events come in Myron Mode event 1
- Sometimes see charge spilling into event 2
- Δt offset by -5.3 ns
- Hit $= \Delta t_{\rm corr} < 40 \rm ns$

Timing issues:





Conclusions:

- analyzed half of one run (23880 Myron Mode events)
- found 447 hits
- mostly in Myron Mode event 1
- Tof is at least one event late