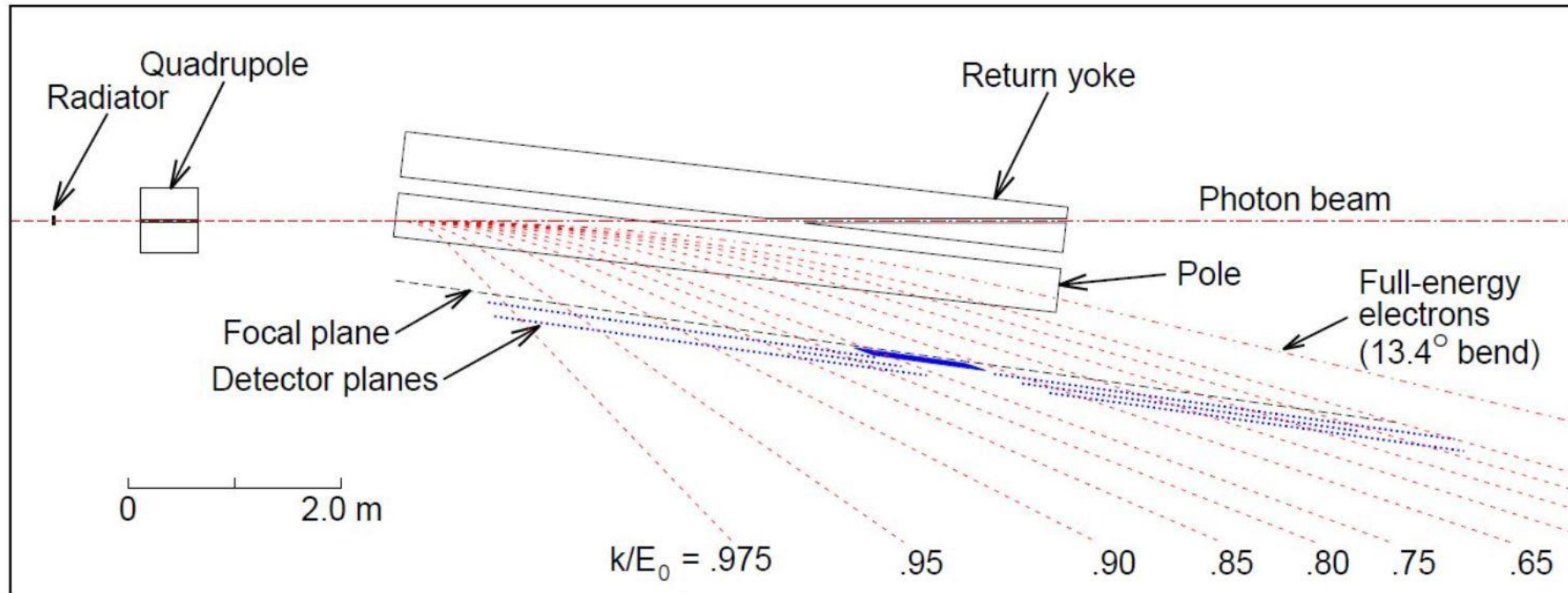


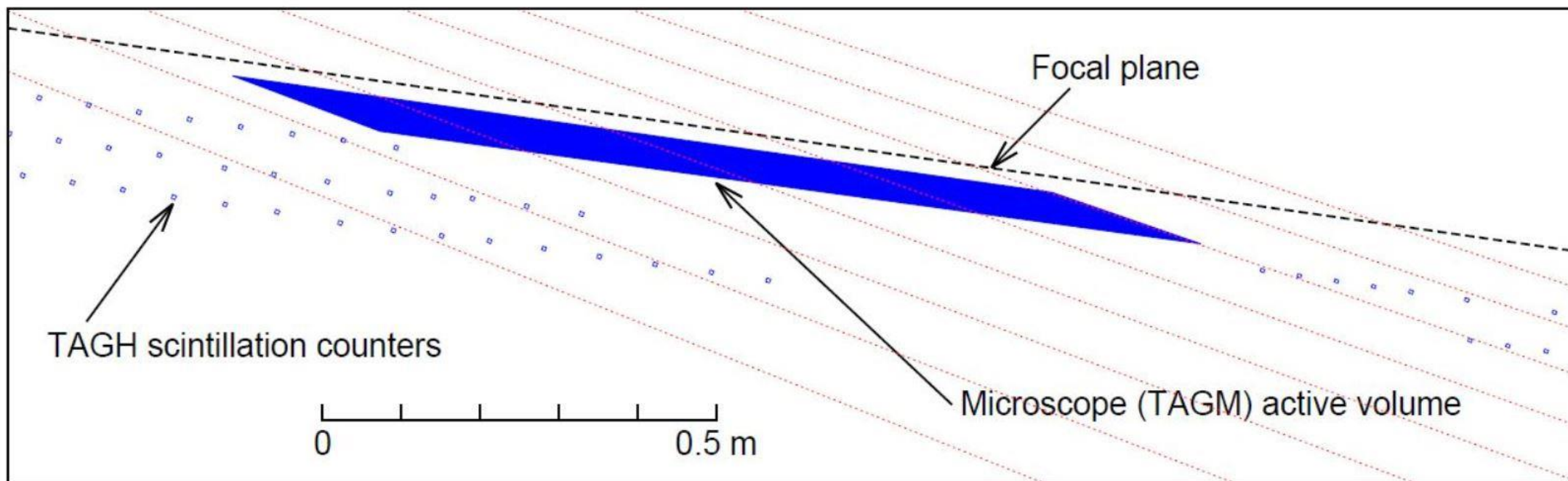
TAGH Hodoscope

- Post bremsstrahlung electrons are detected by TAGH(The Tagger hodoscope)
- 222 scintillator counters distributed over a length of 9.25 m
- Tagged photon energy from 25 % to 97% of full beam energy
- Primary coherent peak in the middle off range is picked by TAGM (8.2-9.2 GeV)
- Each counter is sheet of EJ-288 Scintillator, 6 mm thick and 40 mm high
- Scintillators are coupled to a photomultiplier tube (PMT)

Tagging Spectrometer.

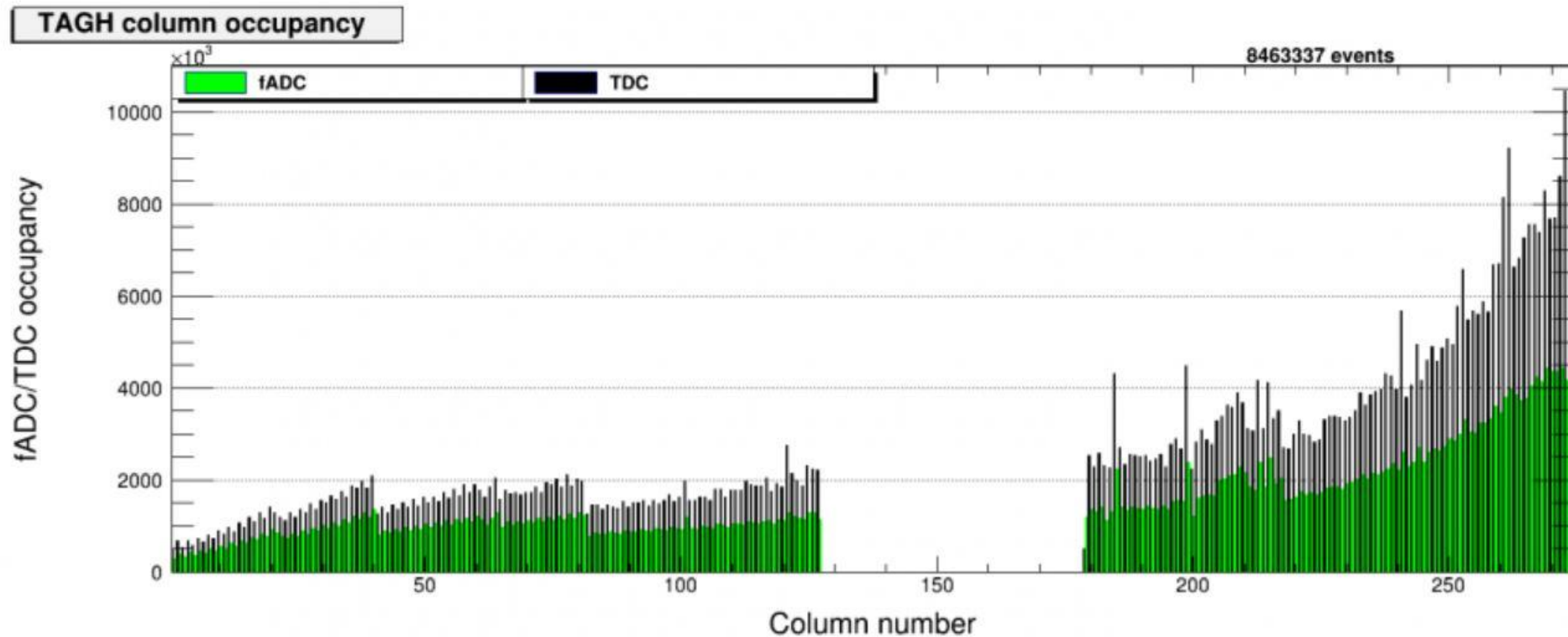


Tagging Spectrometer



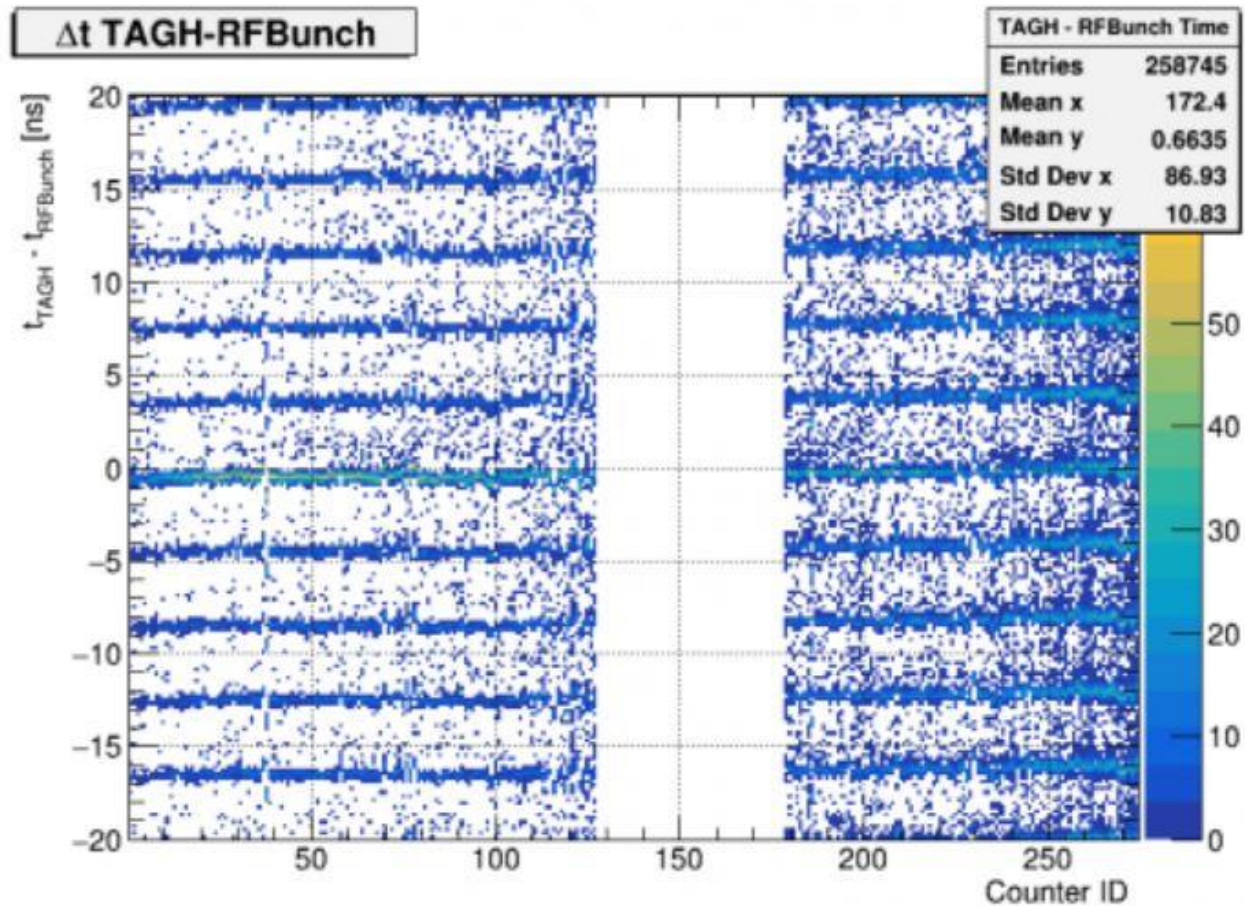
Monitoring Plot for TAGH Using ROOTSpy Interface (Run 81569)

1: TAGH Column Occupancy Plot:



Monitoring Plot for TAGH Using ROOTSpy Interface (Run 81569)

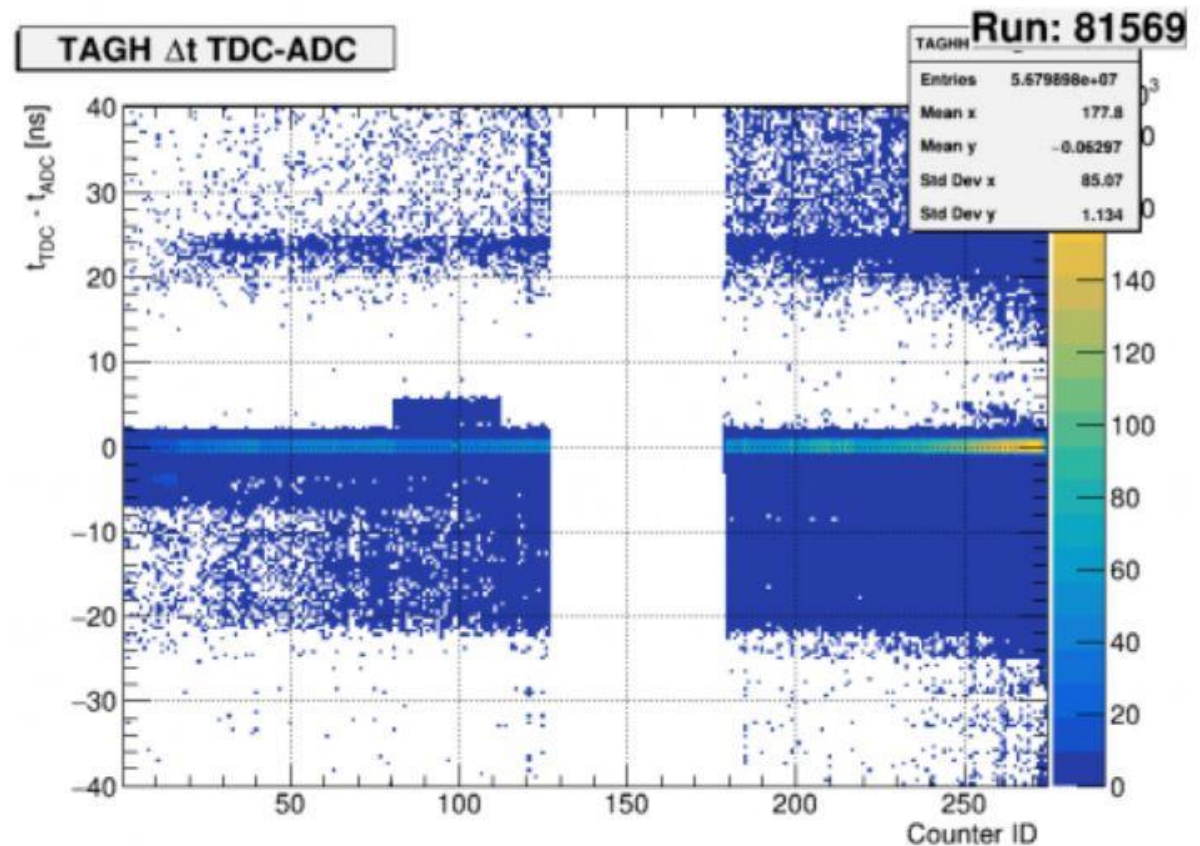
2 : TAGH TDC/RF Alignment
//HistMacro_TaggerRFAlignment



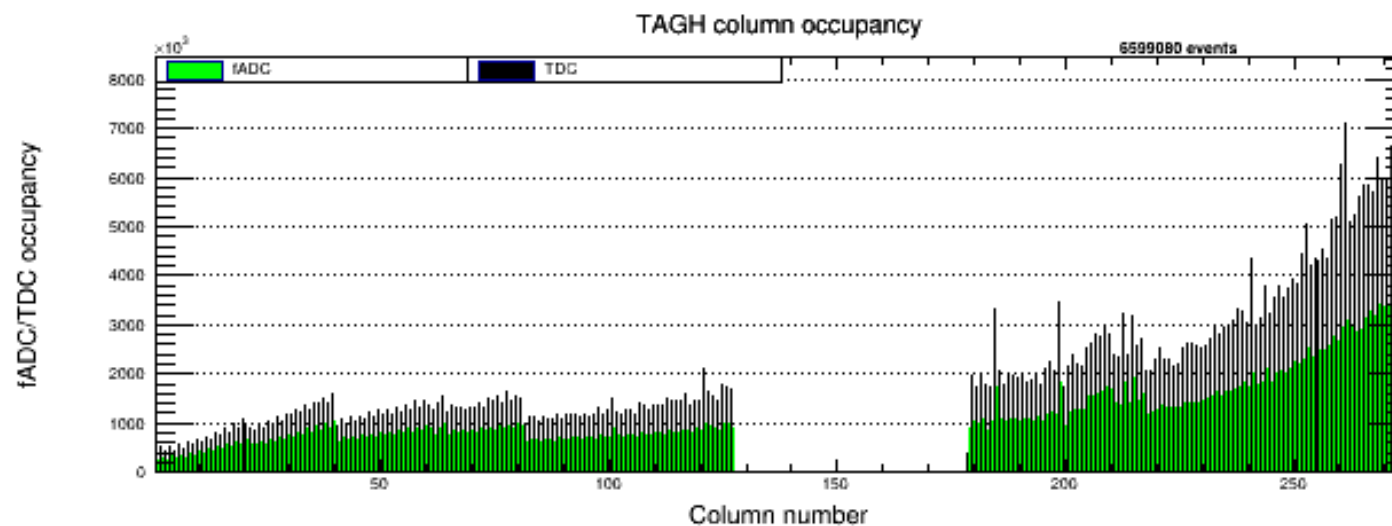
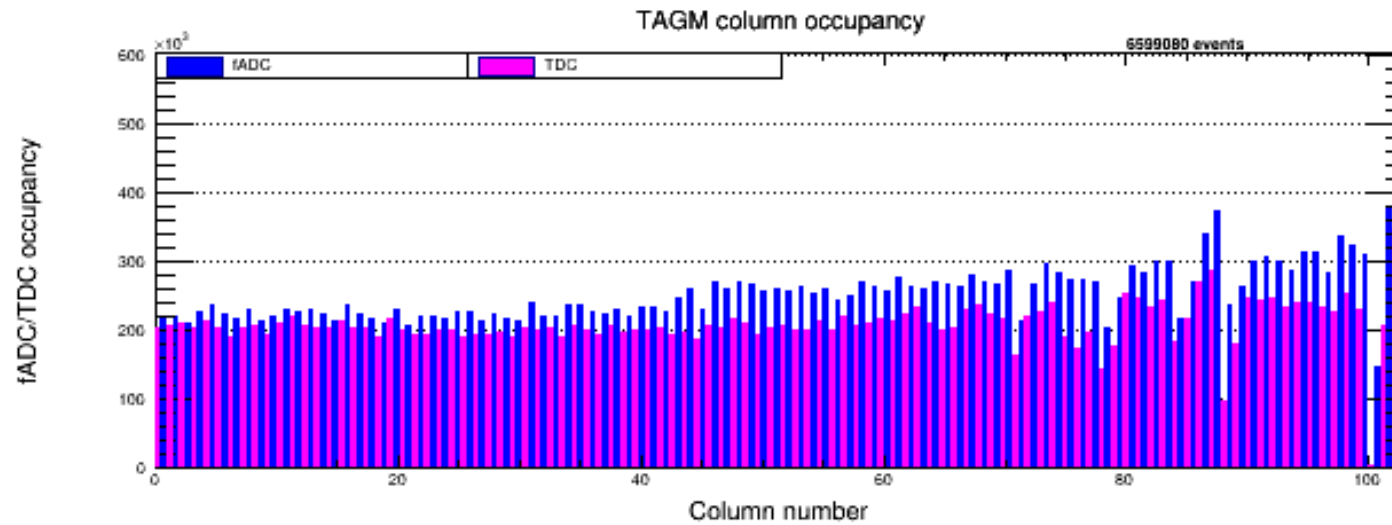
Monitoring Plot for TAGH Using ROOTSpy Interface (Run 81569)

3 : TAGH TDC/ADC Alignment

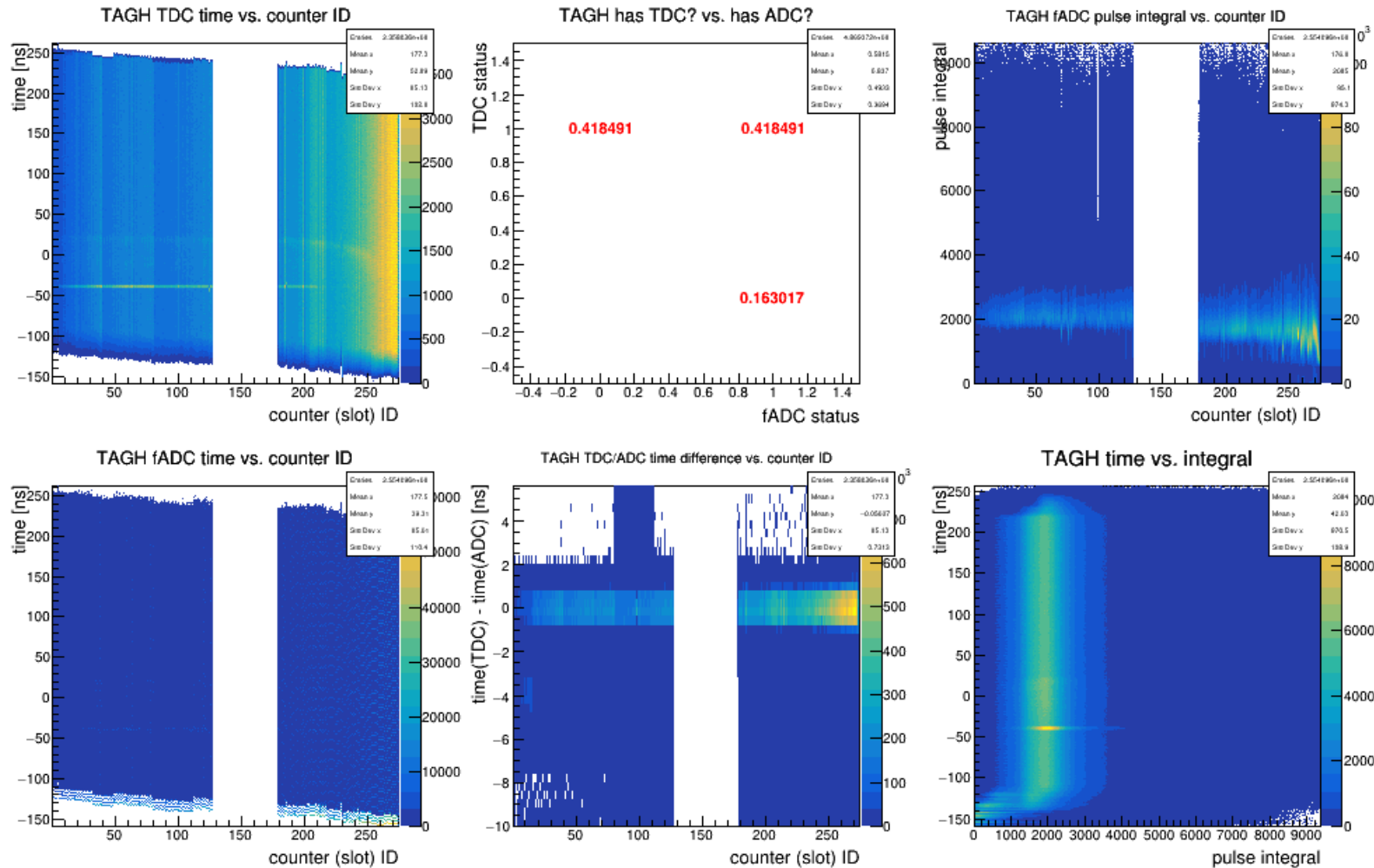
For a well-calibrated detector, this timing distribution should be centered on zero. Small offsets are eliminated by the TDC-ADC alignment procedure.



Check Tagger Occupancy using Plot Browser (Run 81569)



Check TAGH Hits 2 using Plot Browser (Run 81569)



TAGH Hit 2 Reference

