ZDCSMD Run 23 fastoffline data

2023/06/03

Purdue University

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PURDUE
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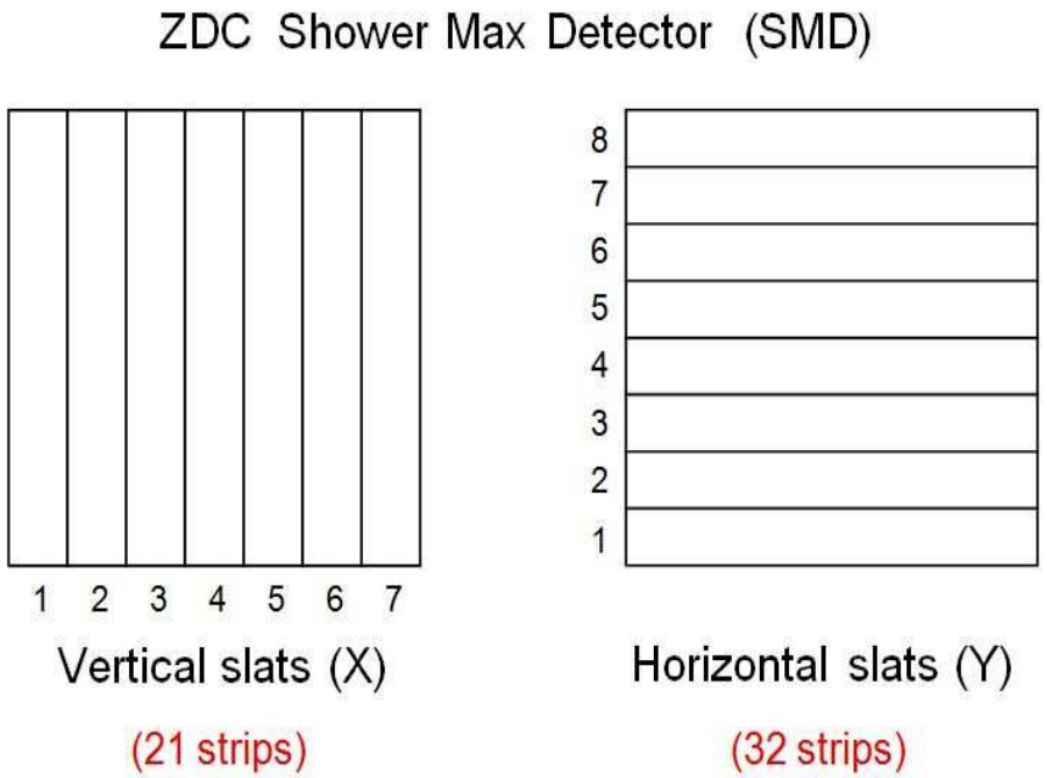
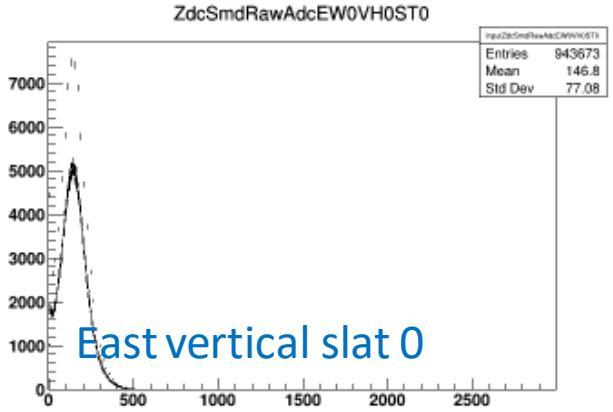
Data

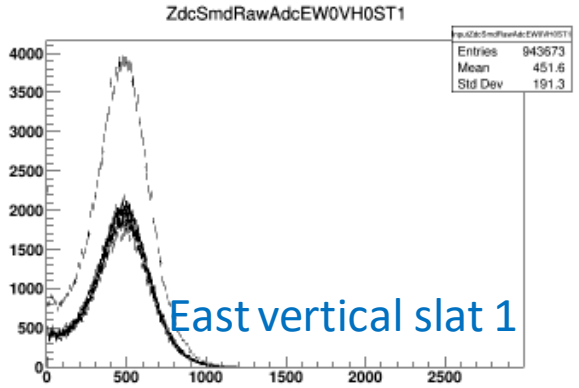
- Data set: production_AuAu_2023
  - Au + Au @ $\boldsymbol{SNN}$ = 200 GeV
  - Run ID: 24145033 – 24149032

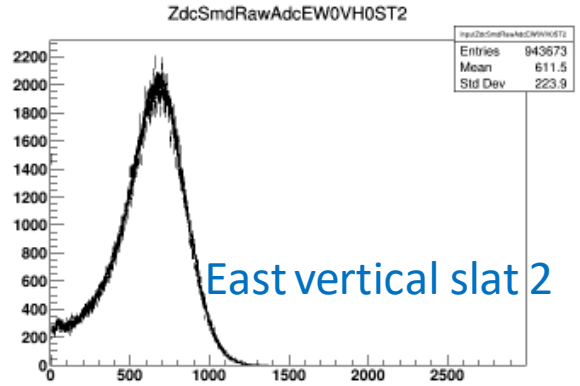
- Cuts:
  - |Vz| < 30 cm
  - nHitsFit >= 20
  - FitMaxRatio >= 0.52
  - |eta| <= 1
  - gdca <= 1 cm
  - p_t >= 0.2 && p_t <= 2.0

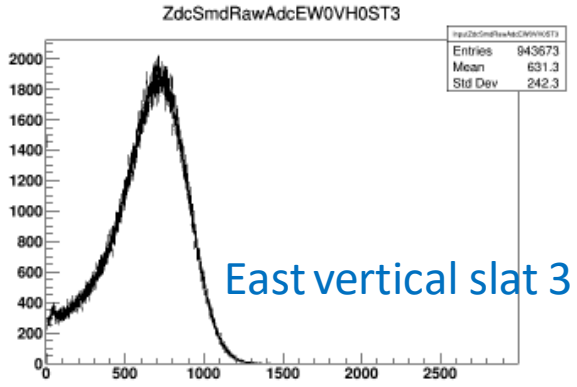


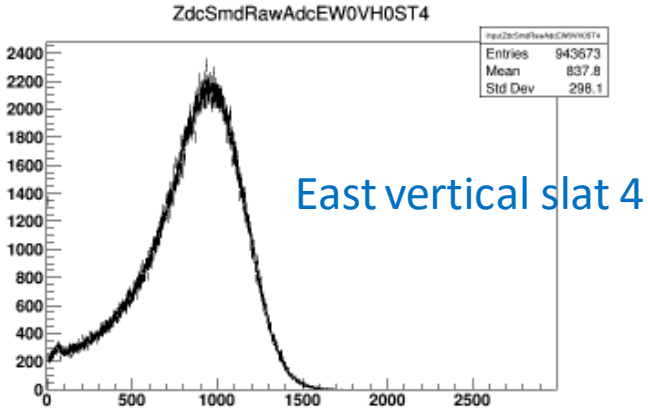
ADC bins in various east vertical slats

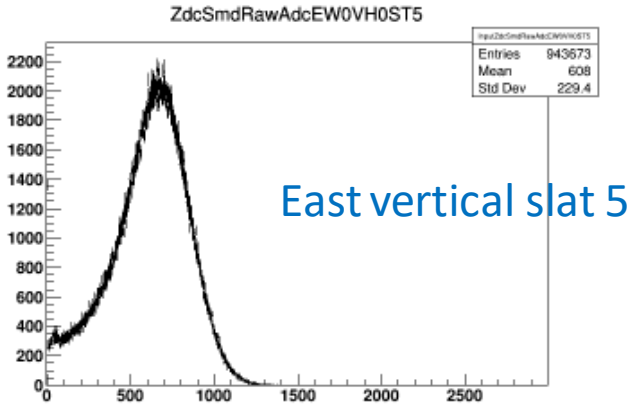


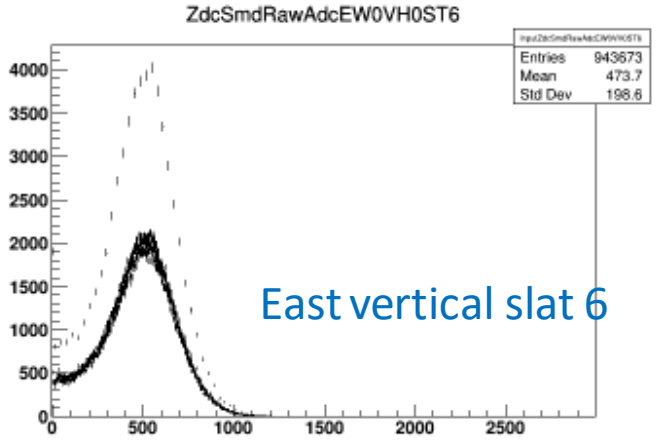






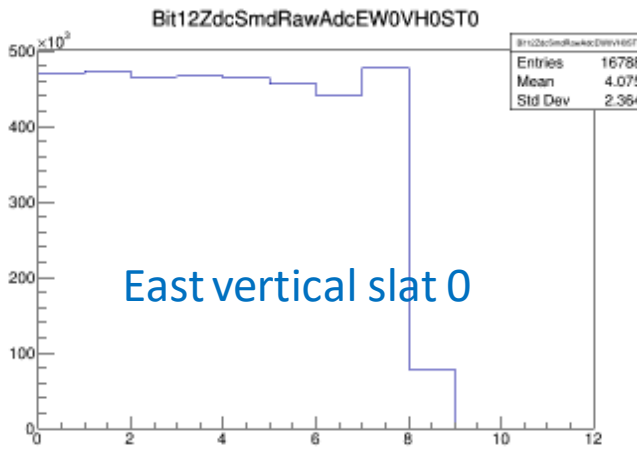




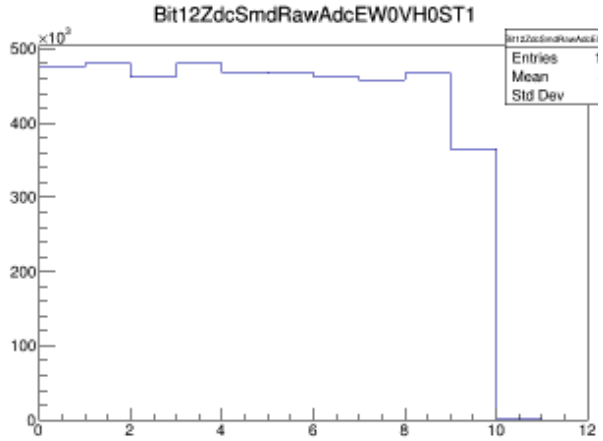


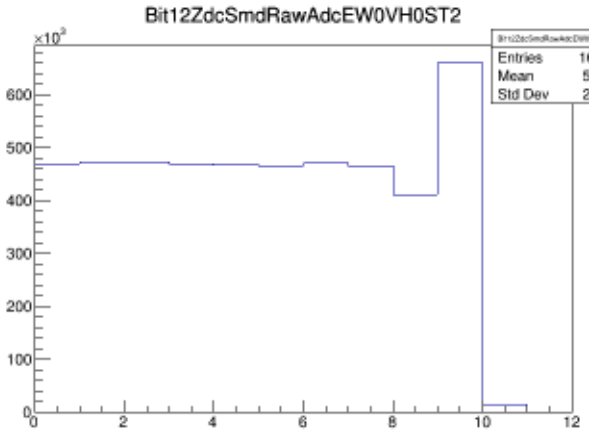
Many slats have some ADC bins twice as large as other bins.

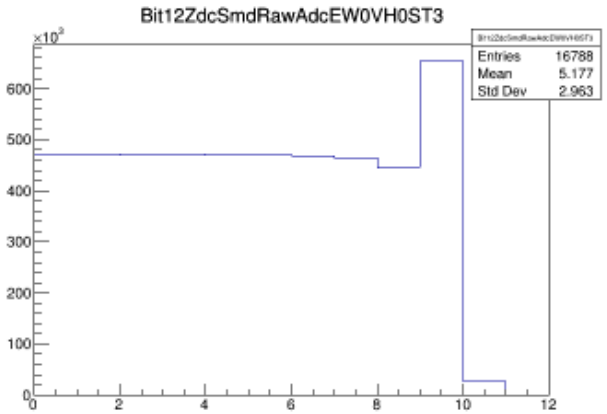
ADC 12-bit in various east vertical slats

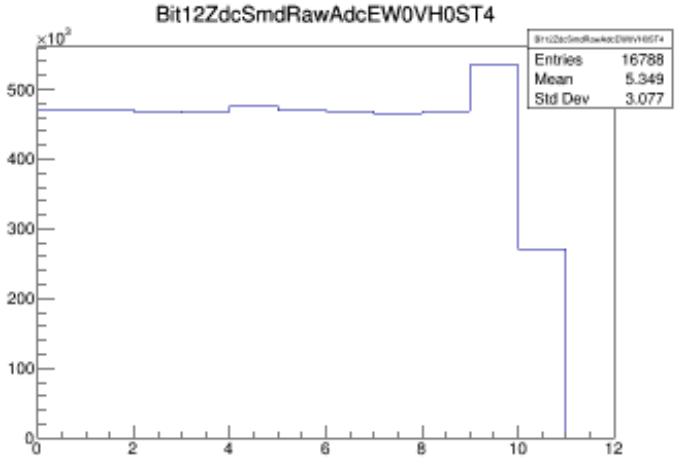


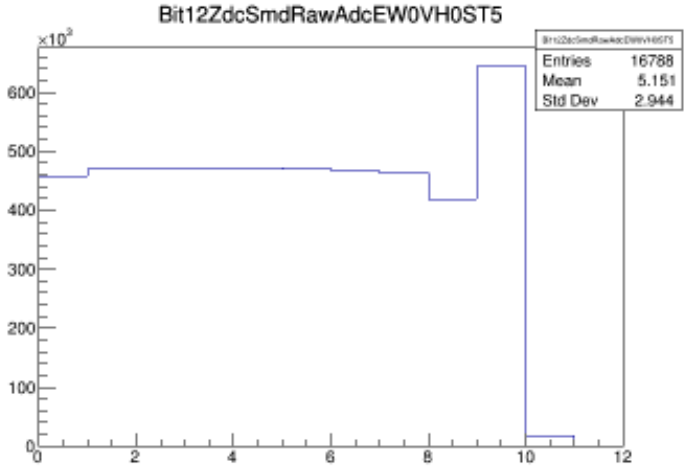
East vertical slat 0

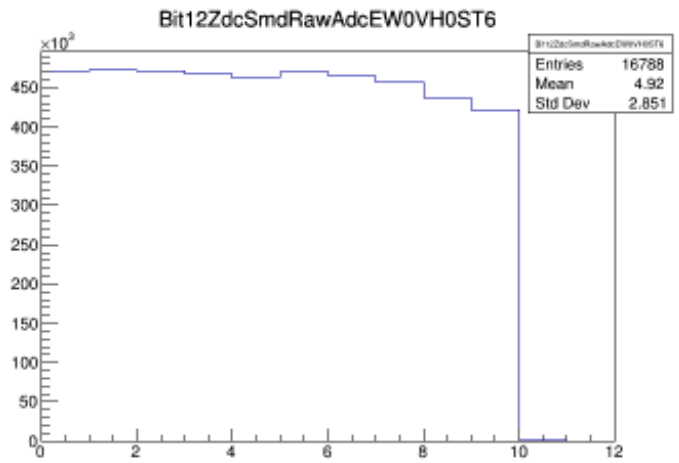




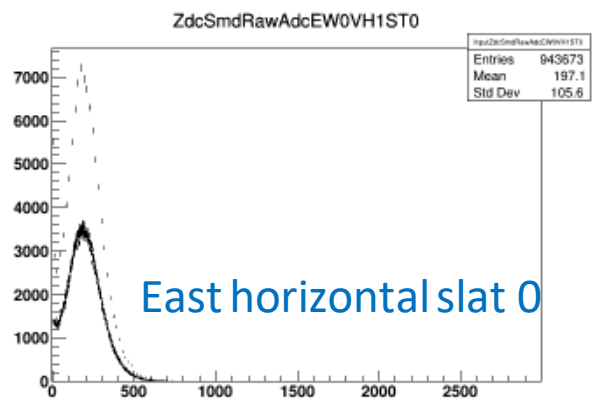


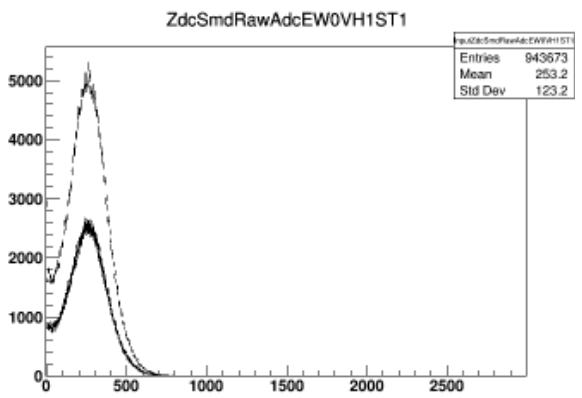


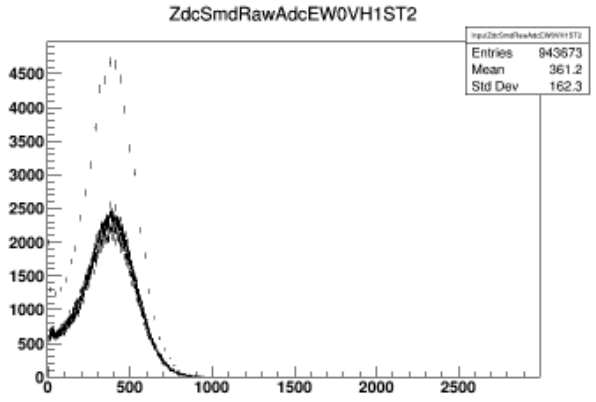


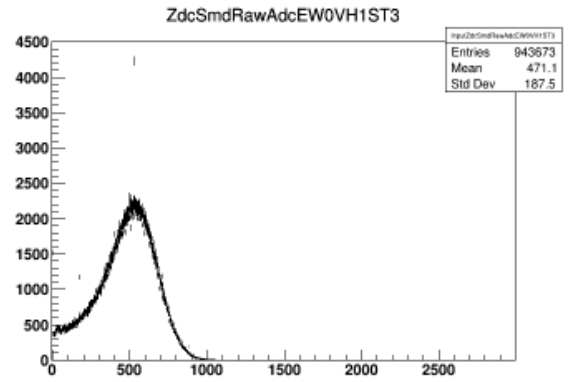


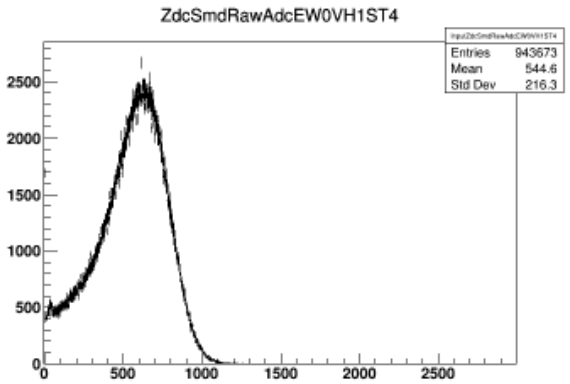
ADC bins in various east horizontal slats

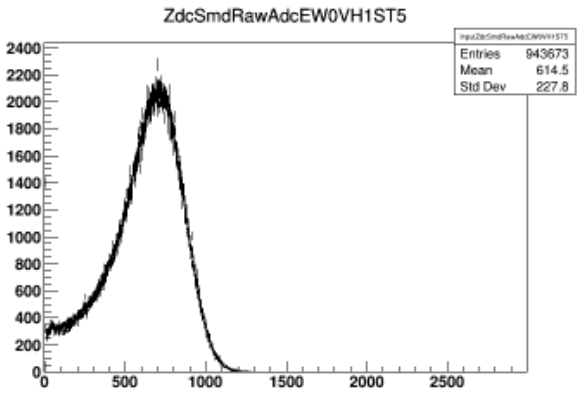


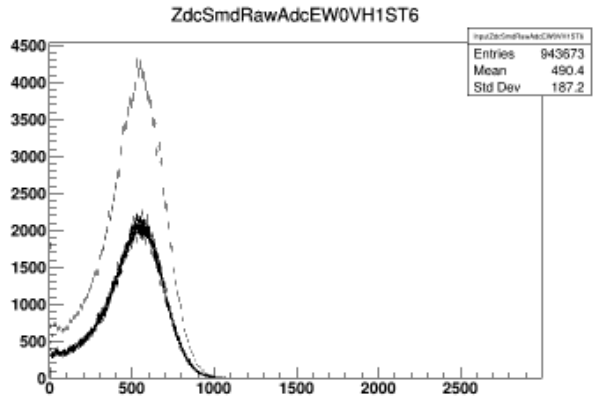


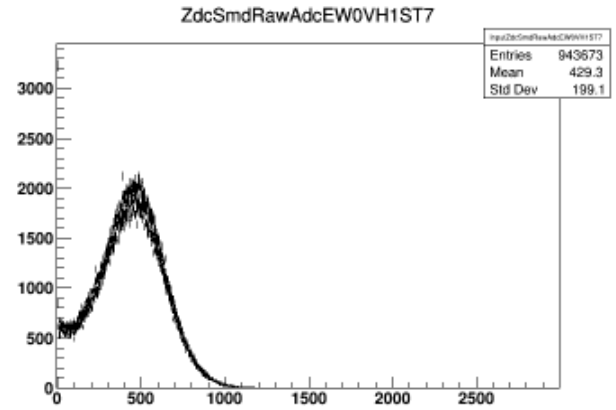




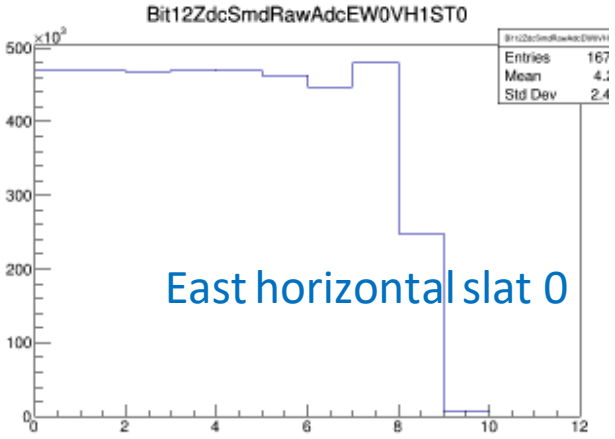




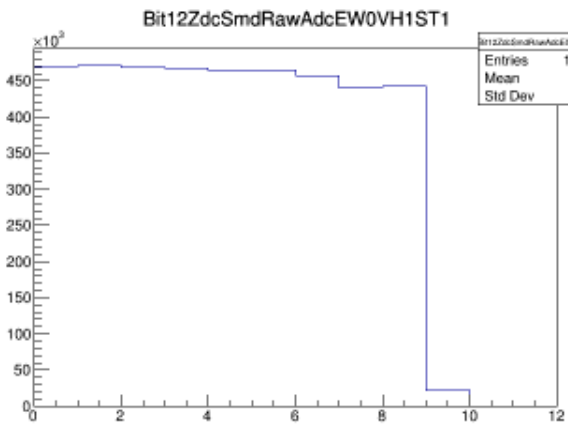


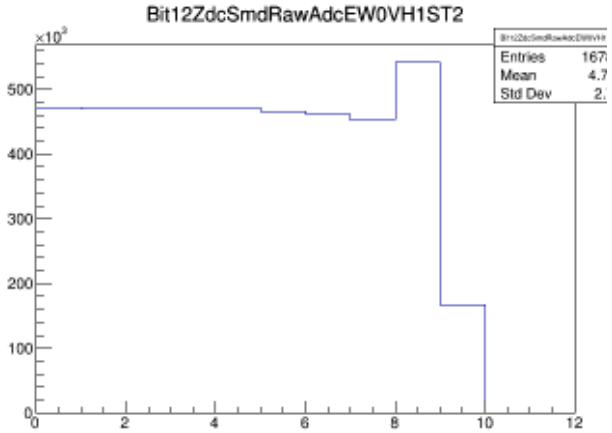


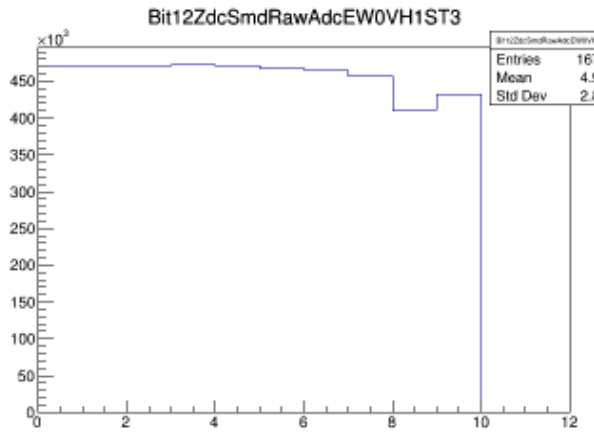
ADC 12-bit in various east horizontal slats

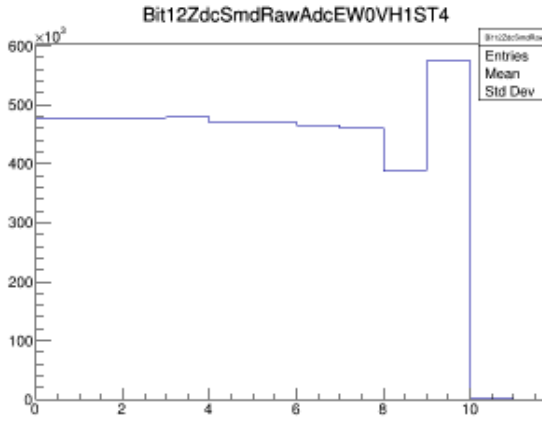


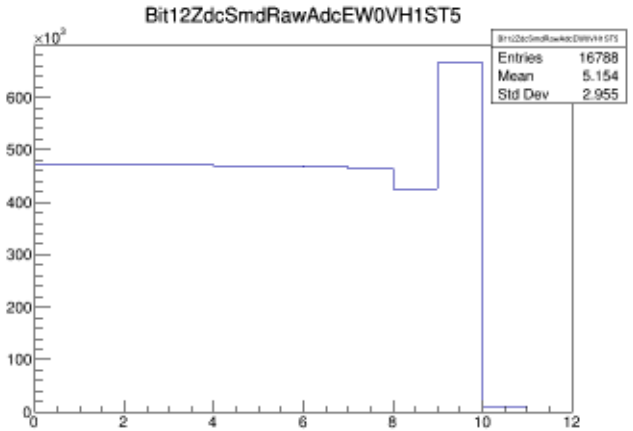
East horizontal slat 0

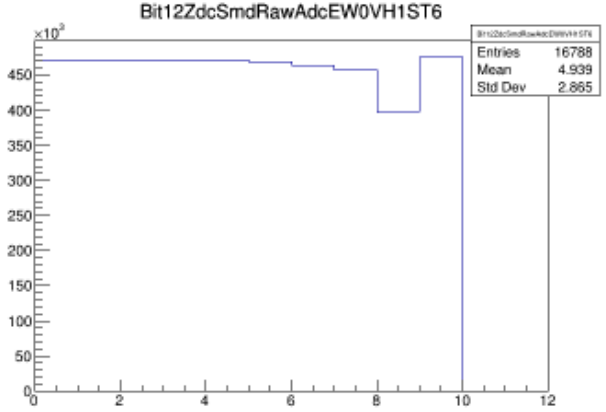


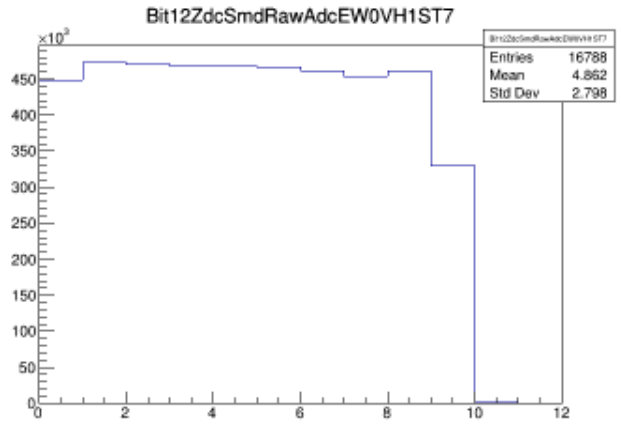




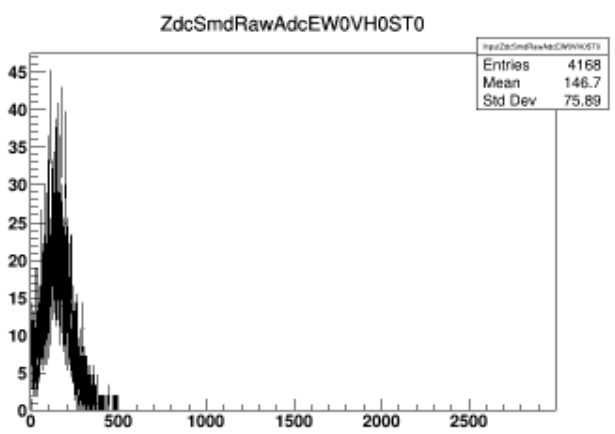


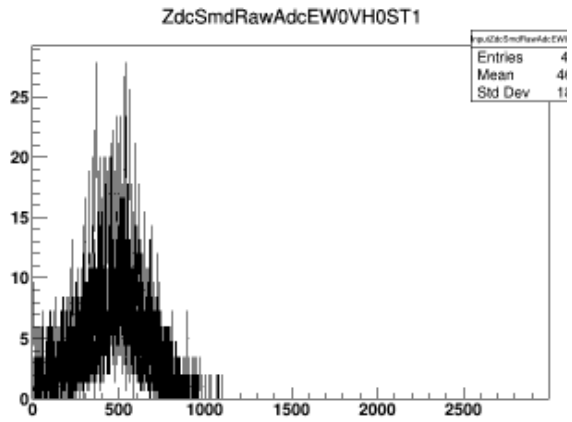


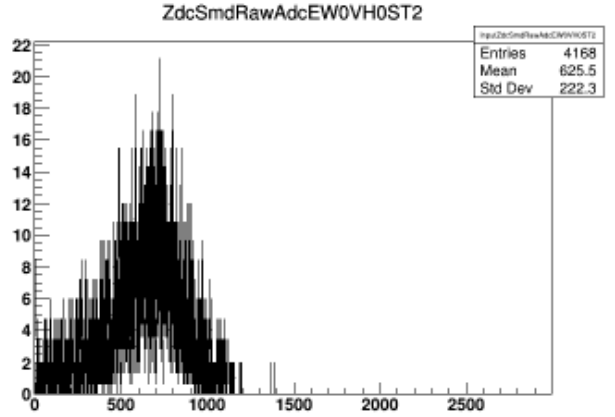


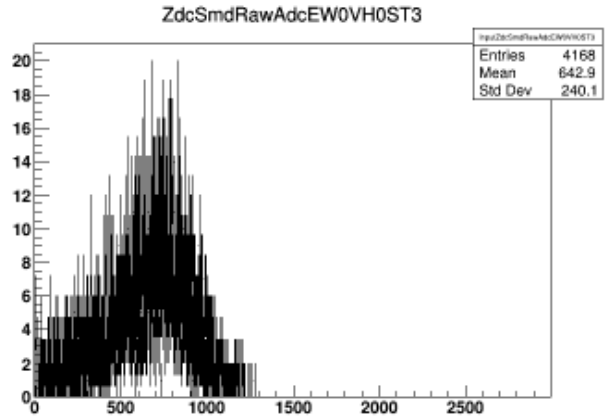


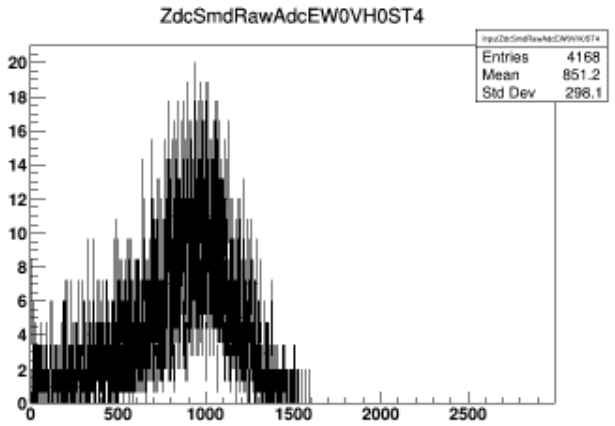
ADC bins in various east vertical slats (one single run 24146003)

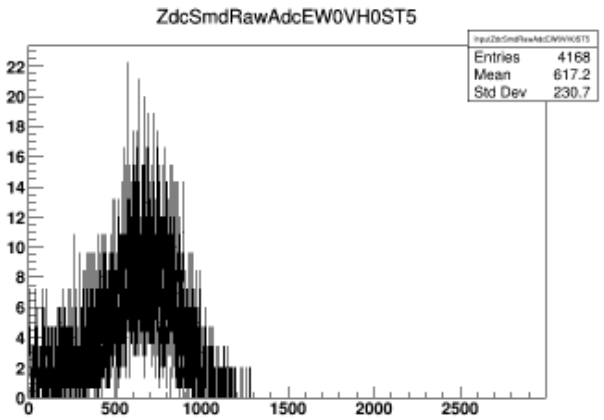


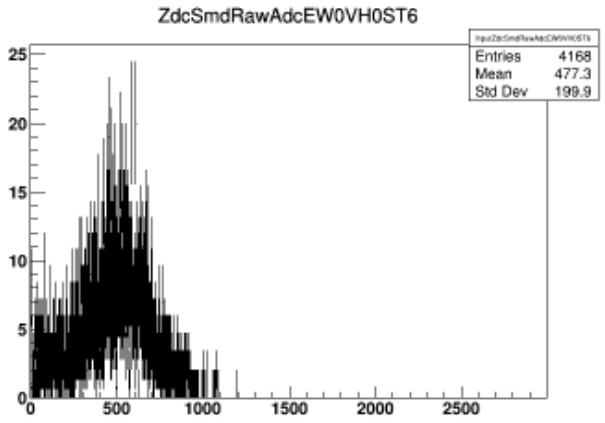




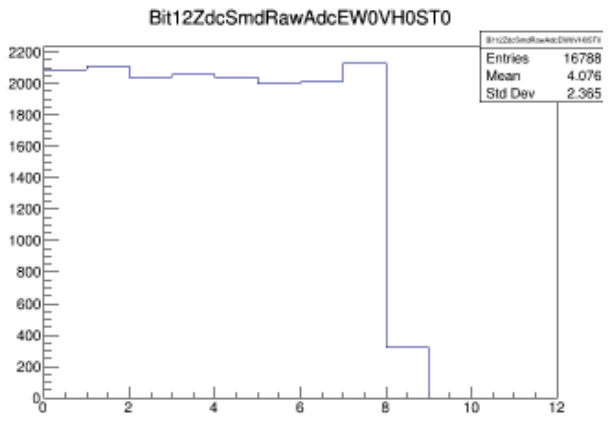


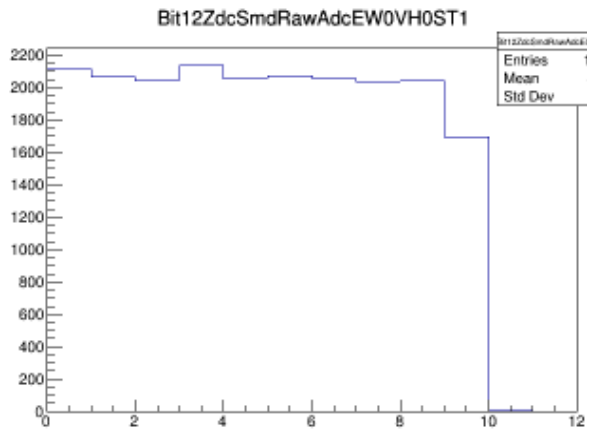


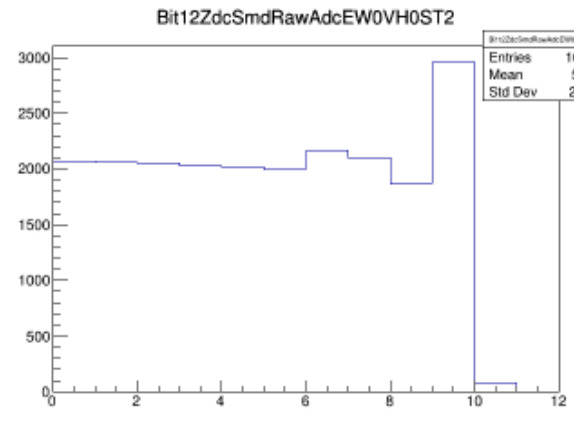


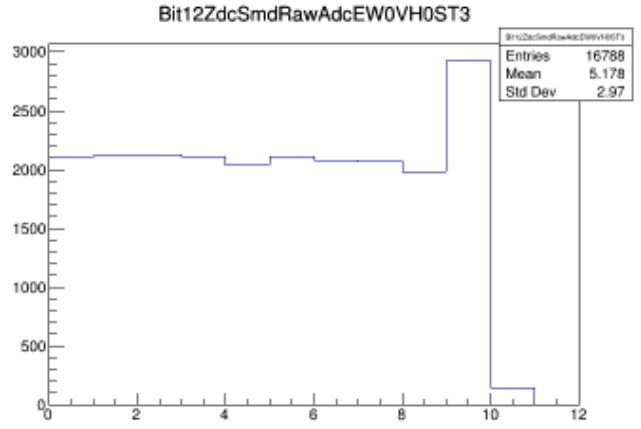


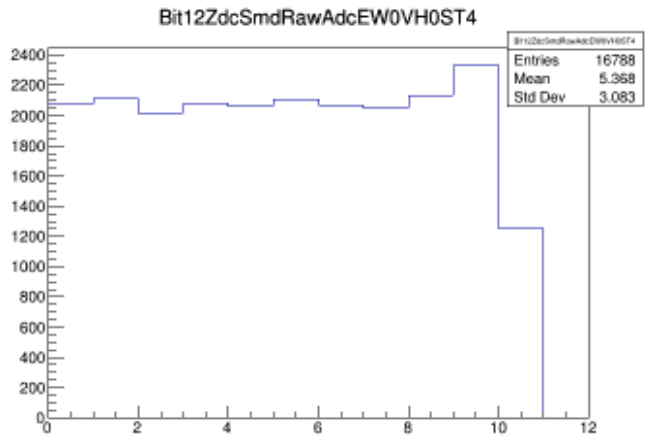
ADC 12-bit in various east vertical slats (one single run 24146003)

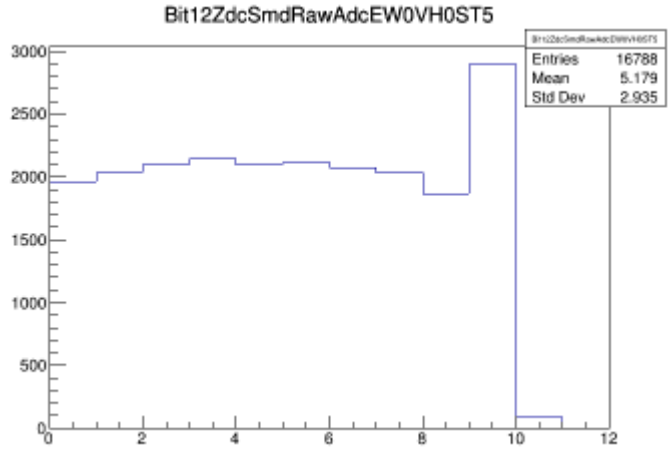


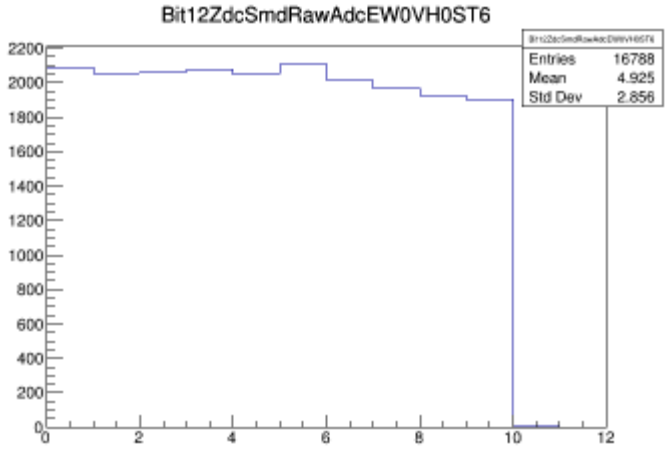




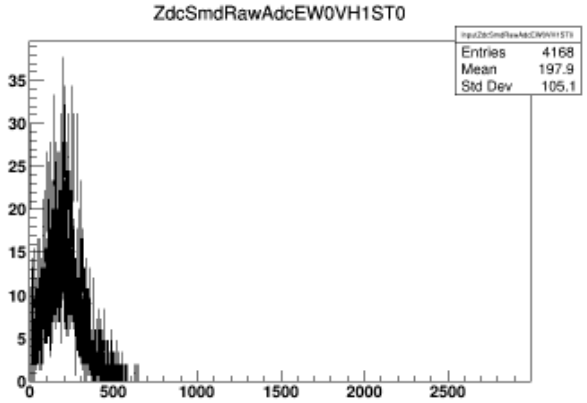


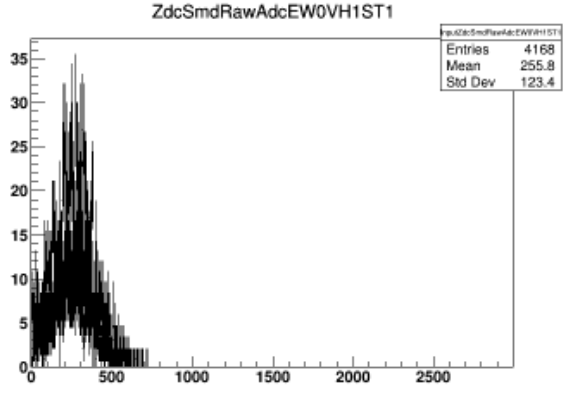


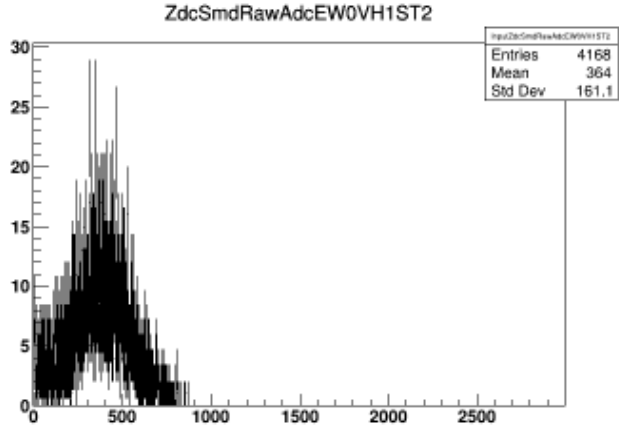


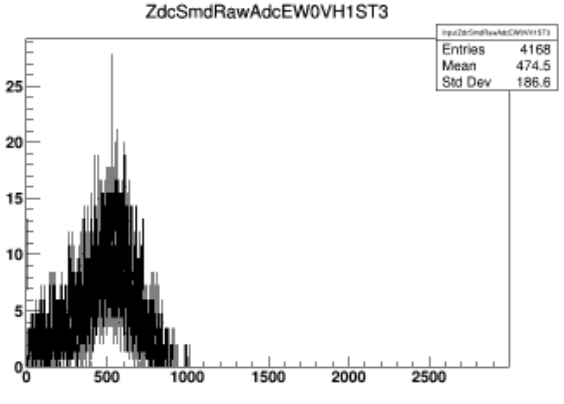


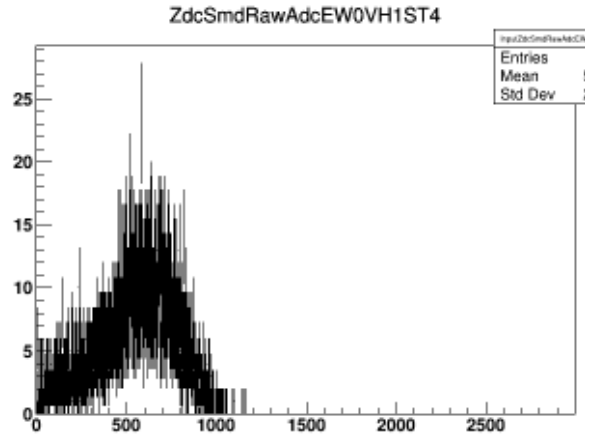
ADC bins in various east horizontal slats (one single run 24146003)

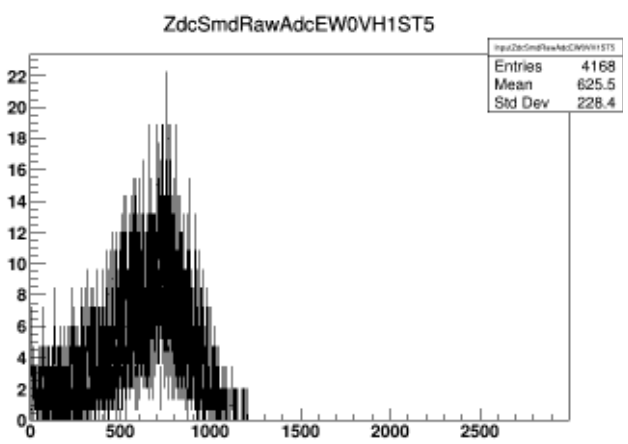


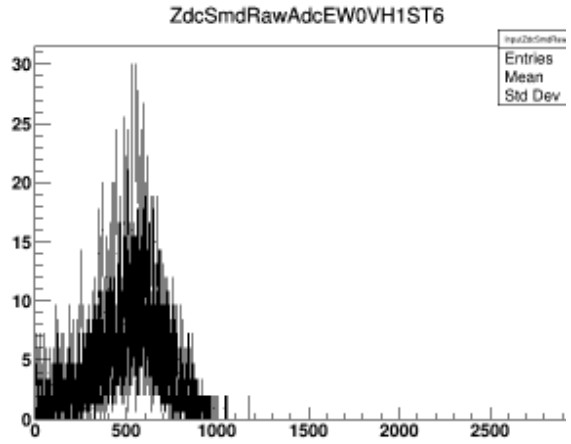


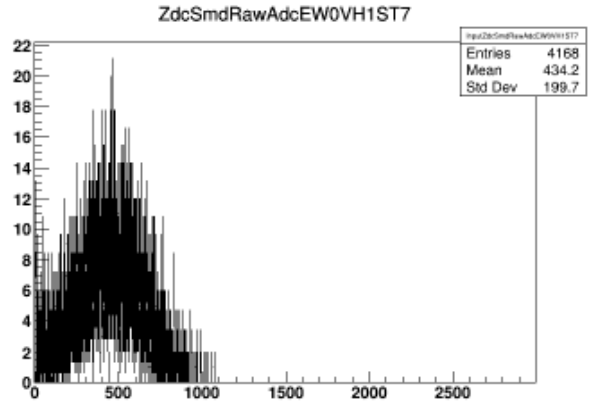












ADC 12-bit in various east horizontal slats (one single run 24146003)