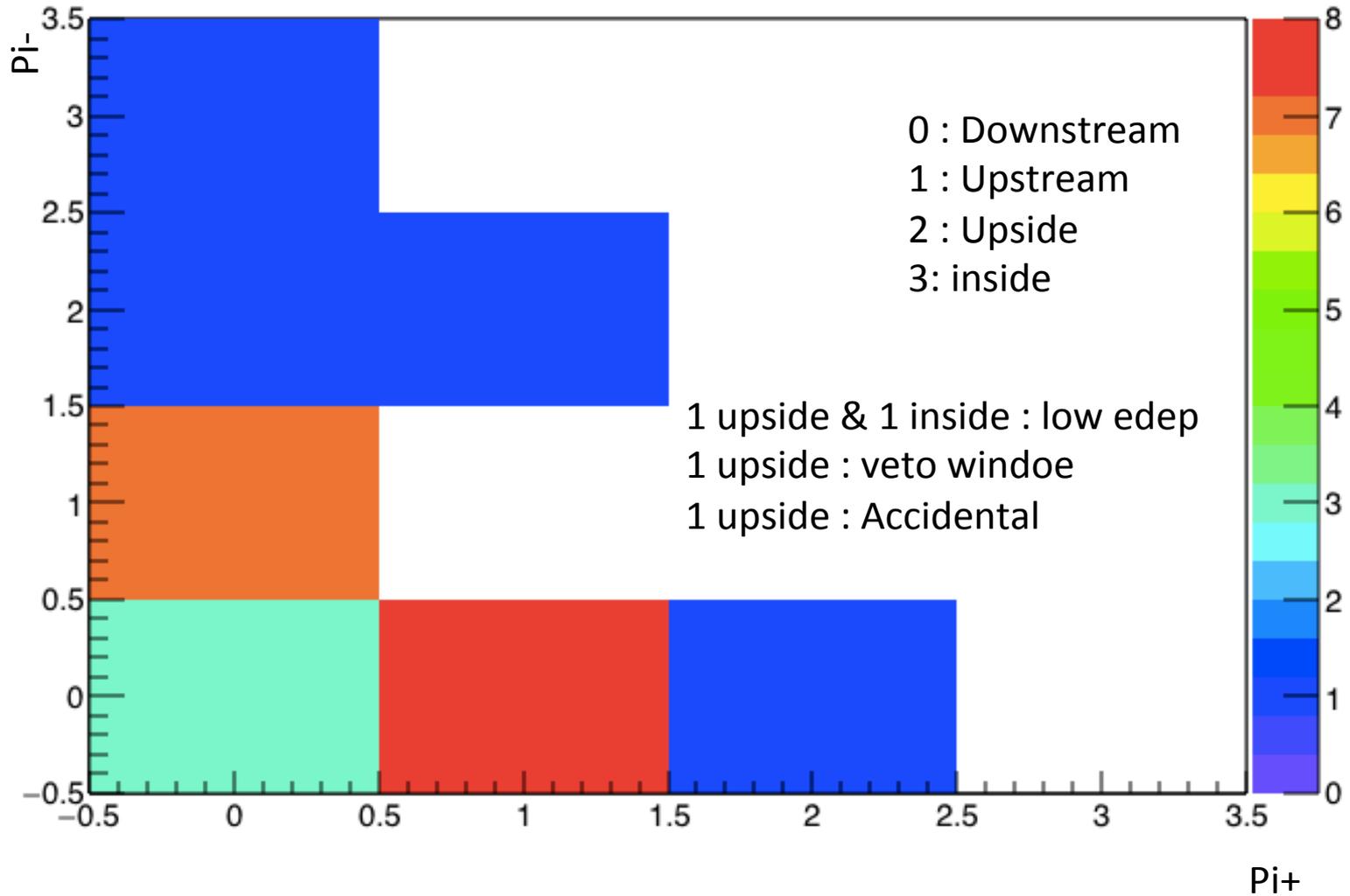
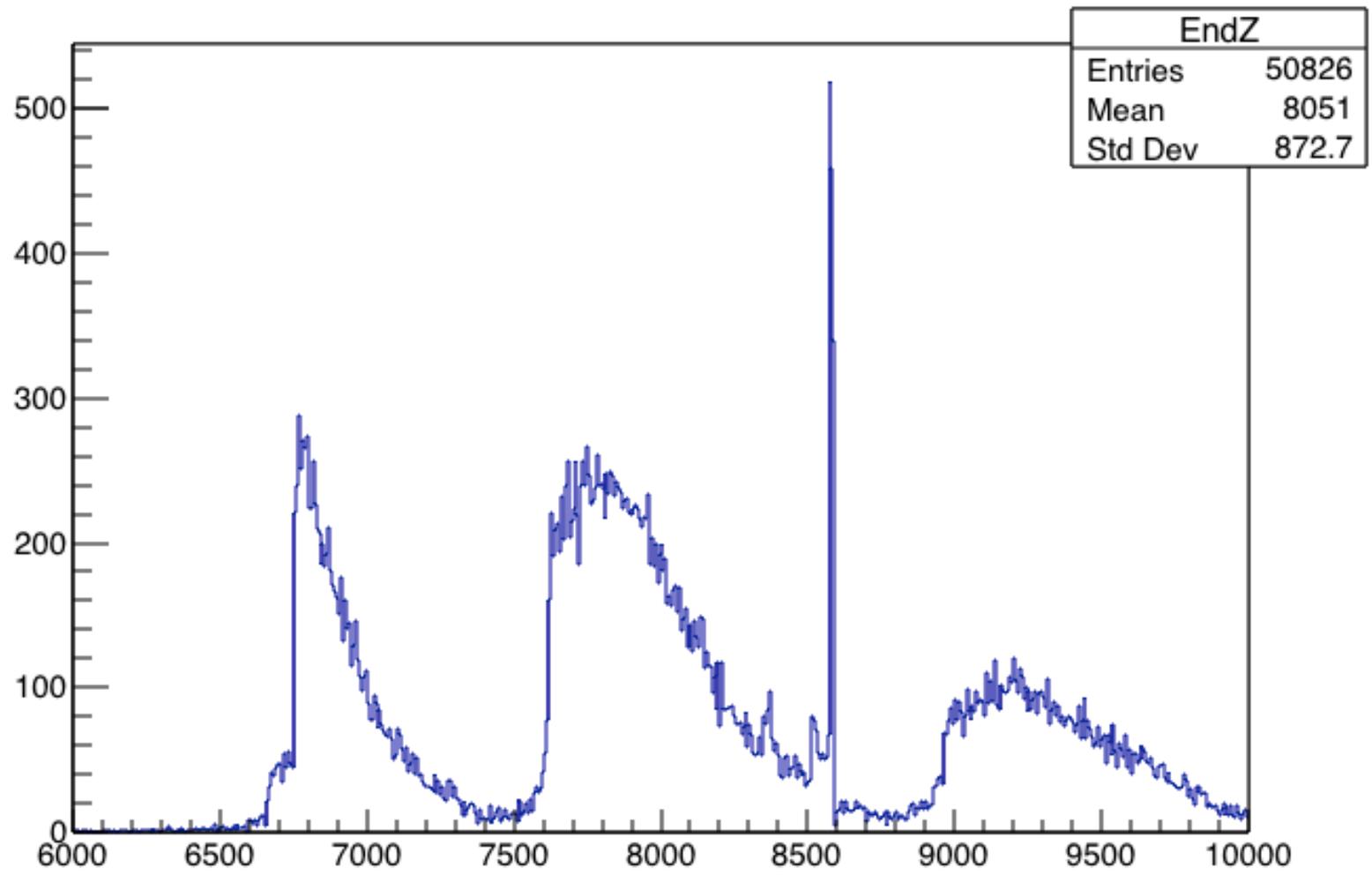


Report_180210

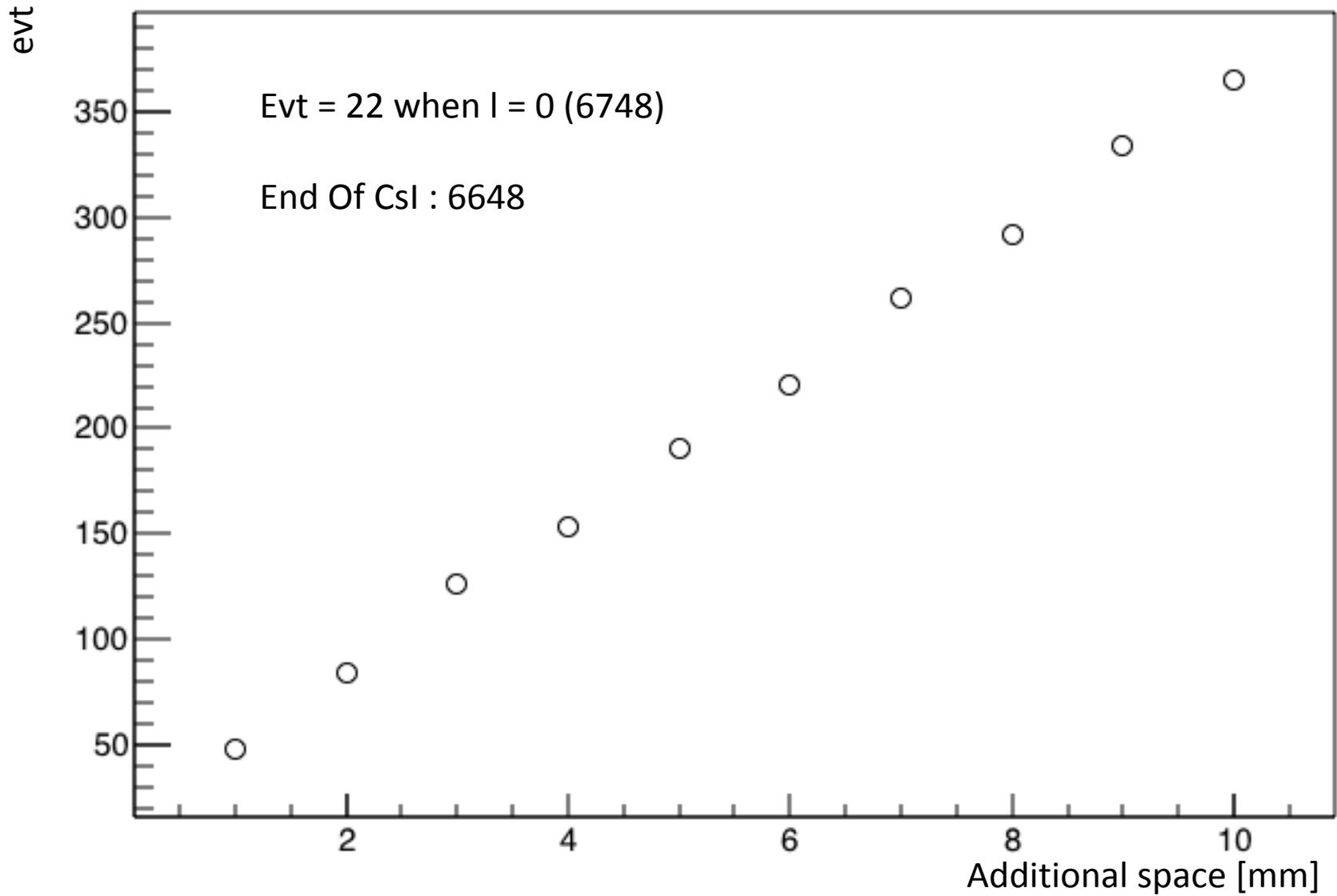
End Position relation



End Z with BPCV off



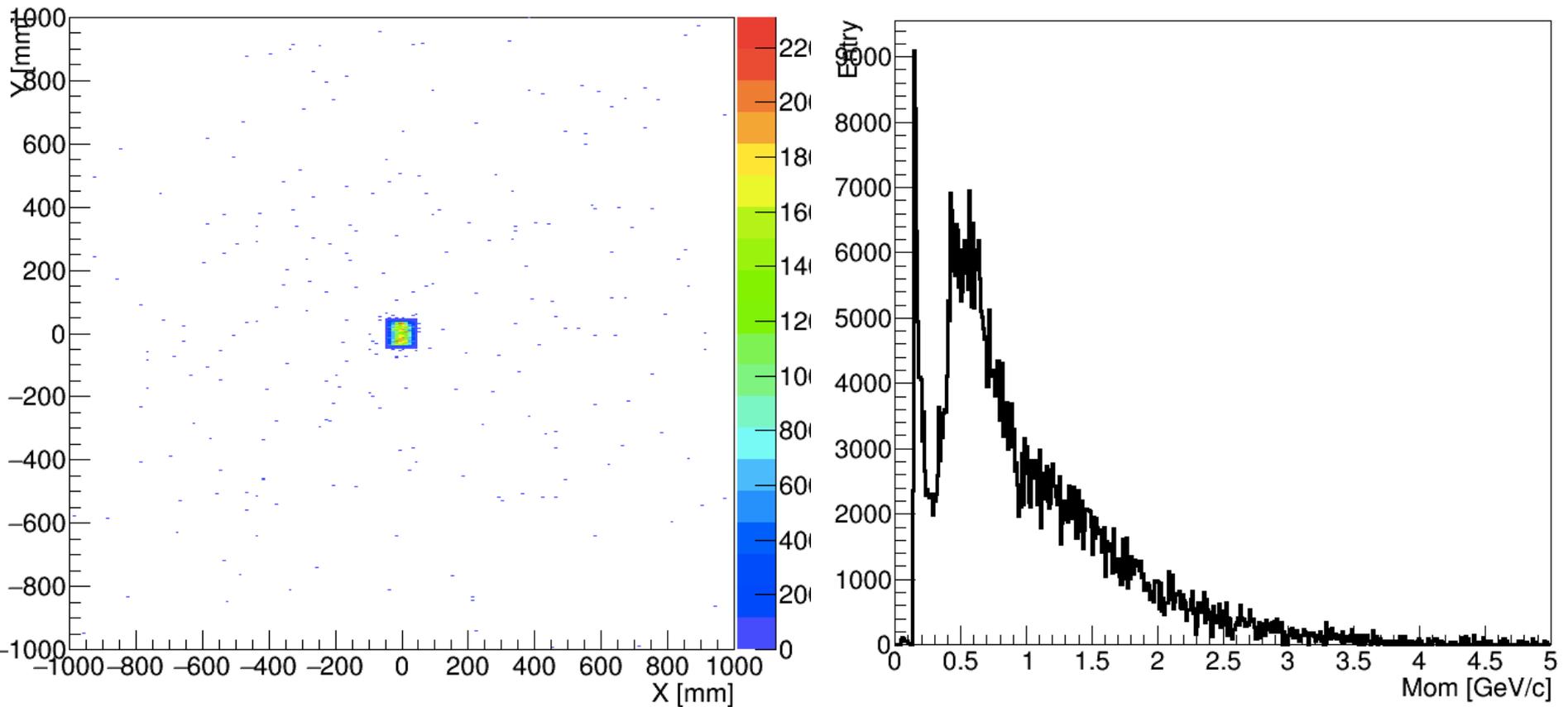
Additional space



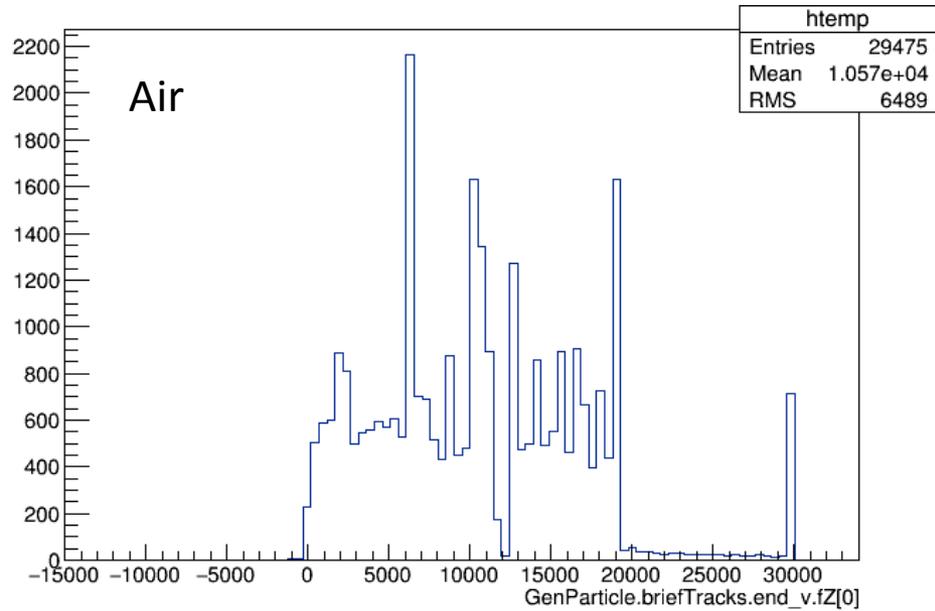
Air Run M.C.
with neutron seed

Neutron seed

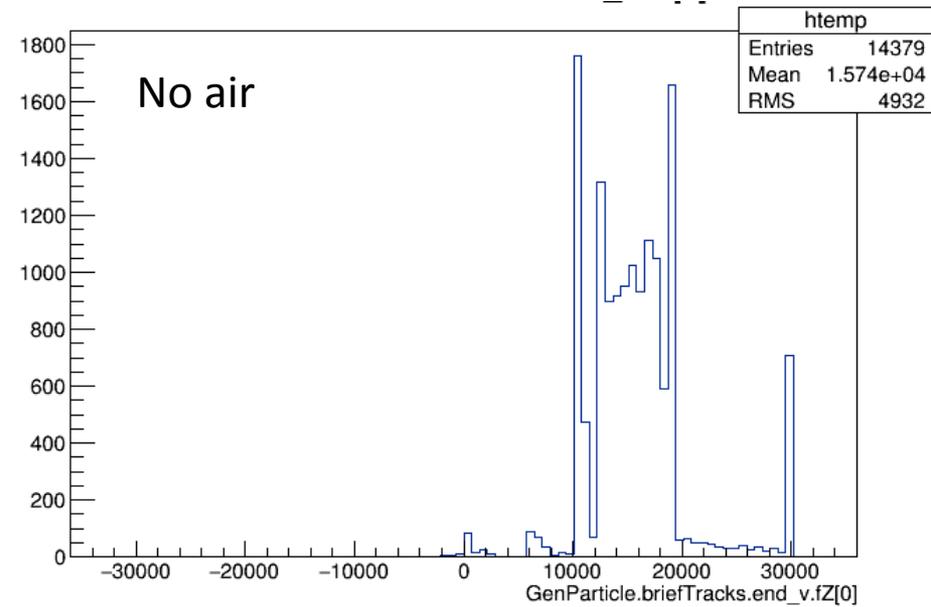
- 600k neutron per 1e11 P.O.T.



AirRun vs NoAirRun



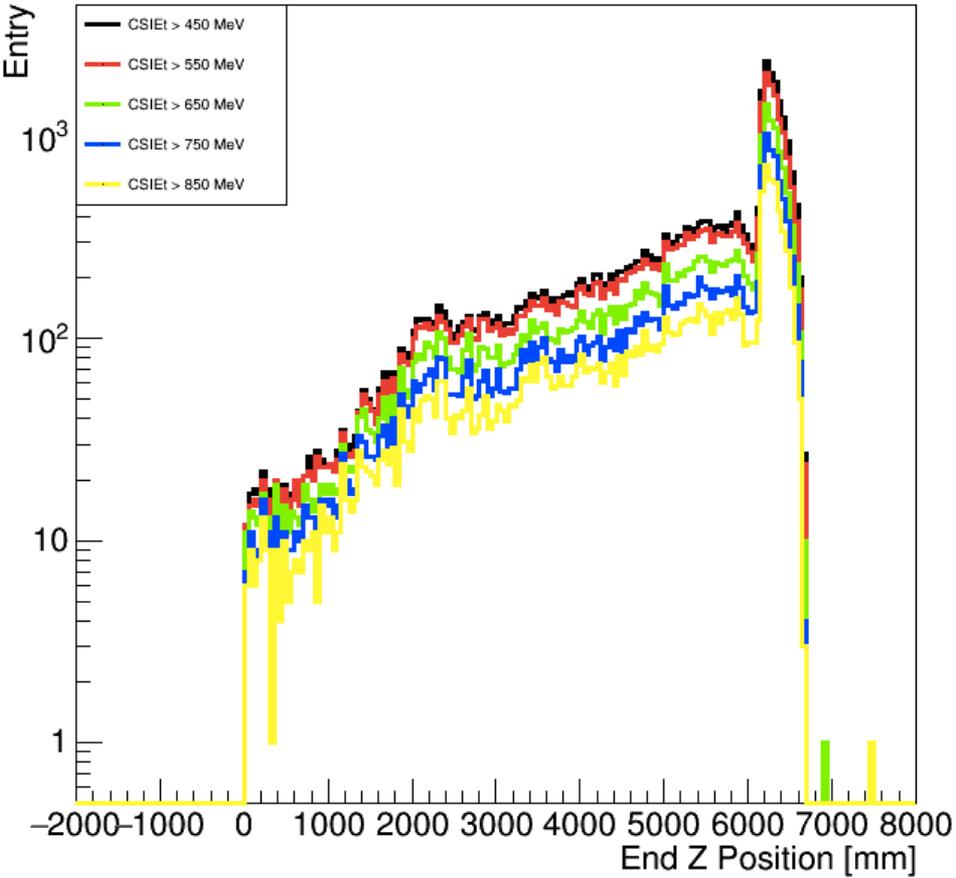
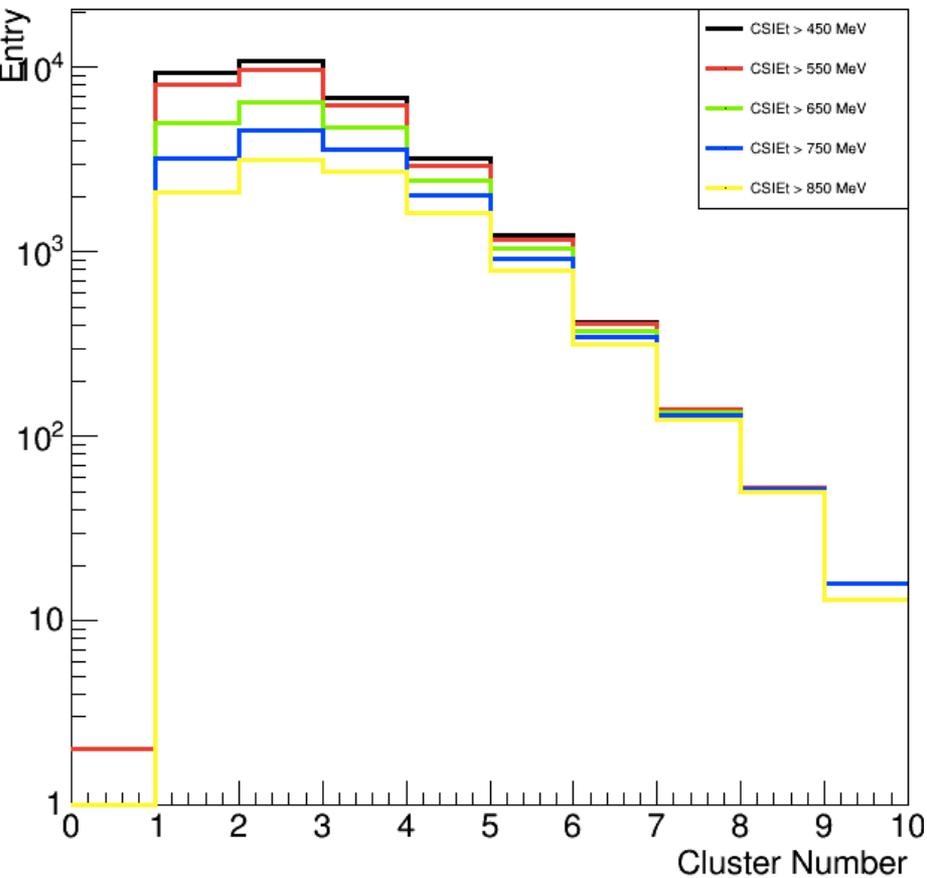
Interaction position of neutron



Interaction position of neutron

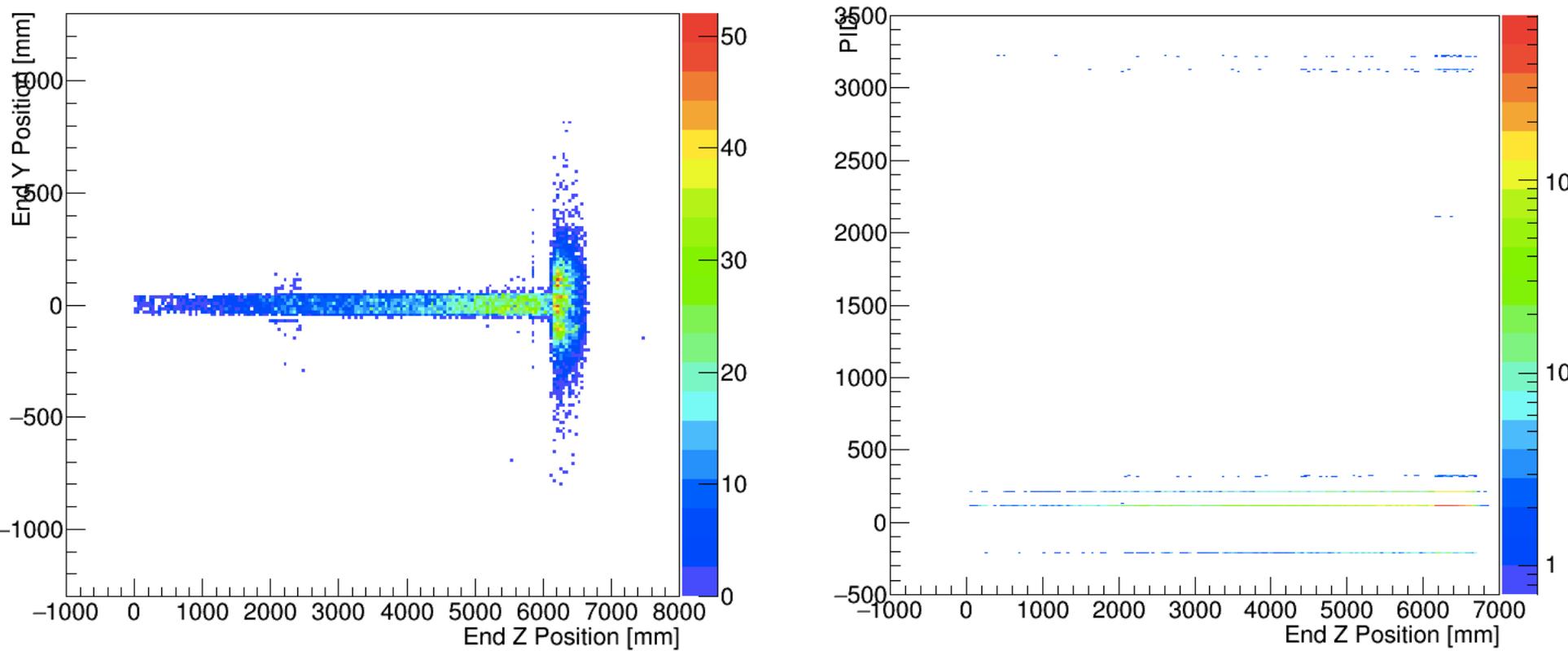
Clustering

With 100 files



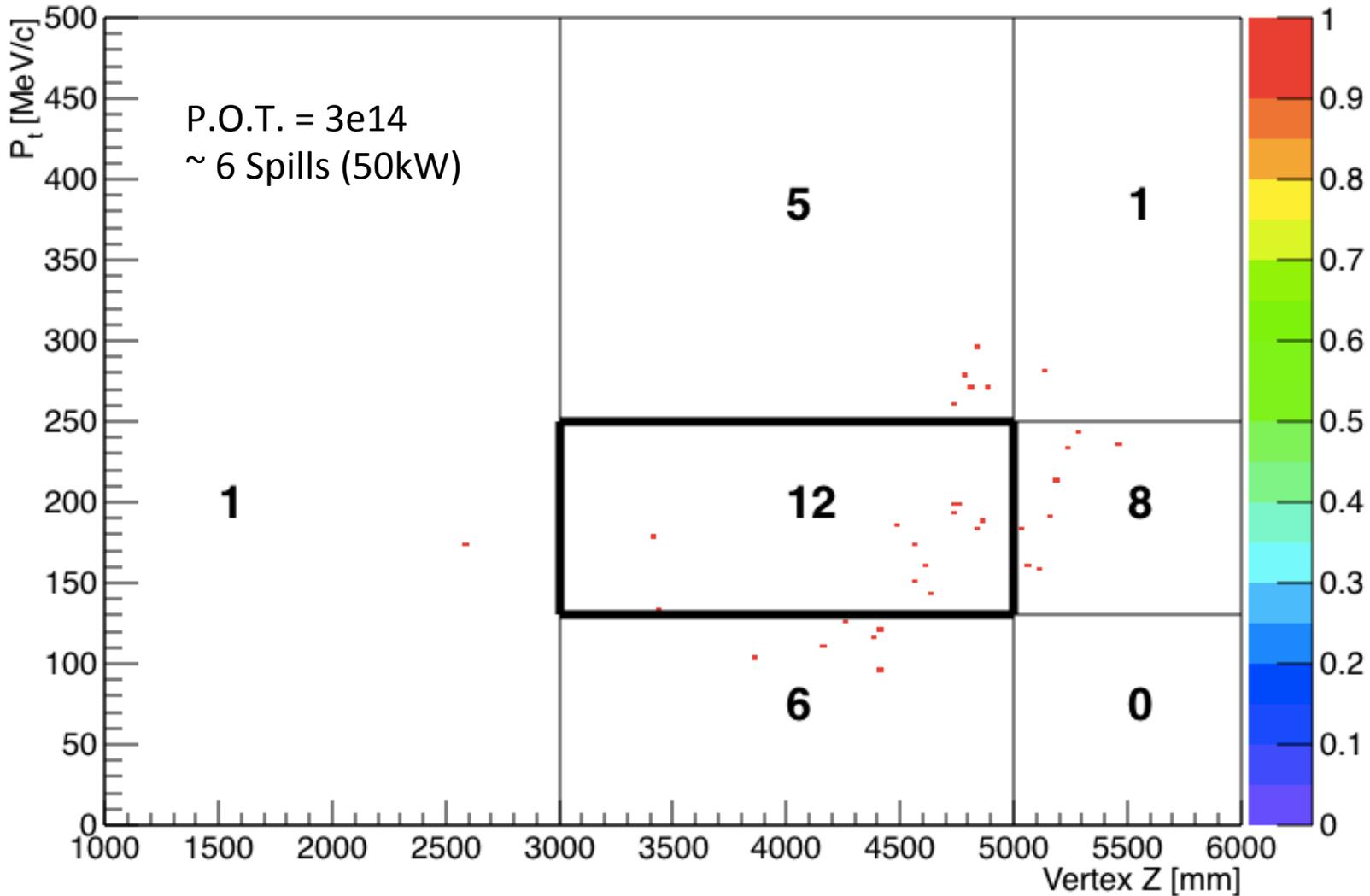
YZ, PID

CSIEt > 700 MeV



- Pion dominant

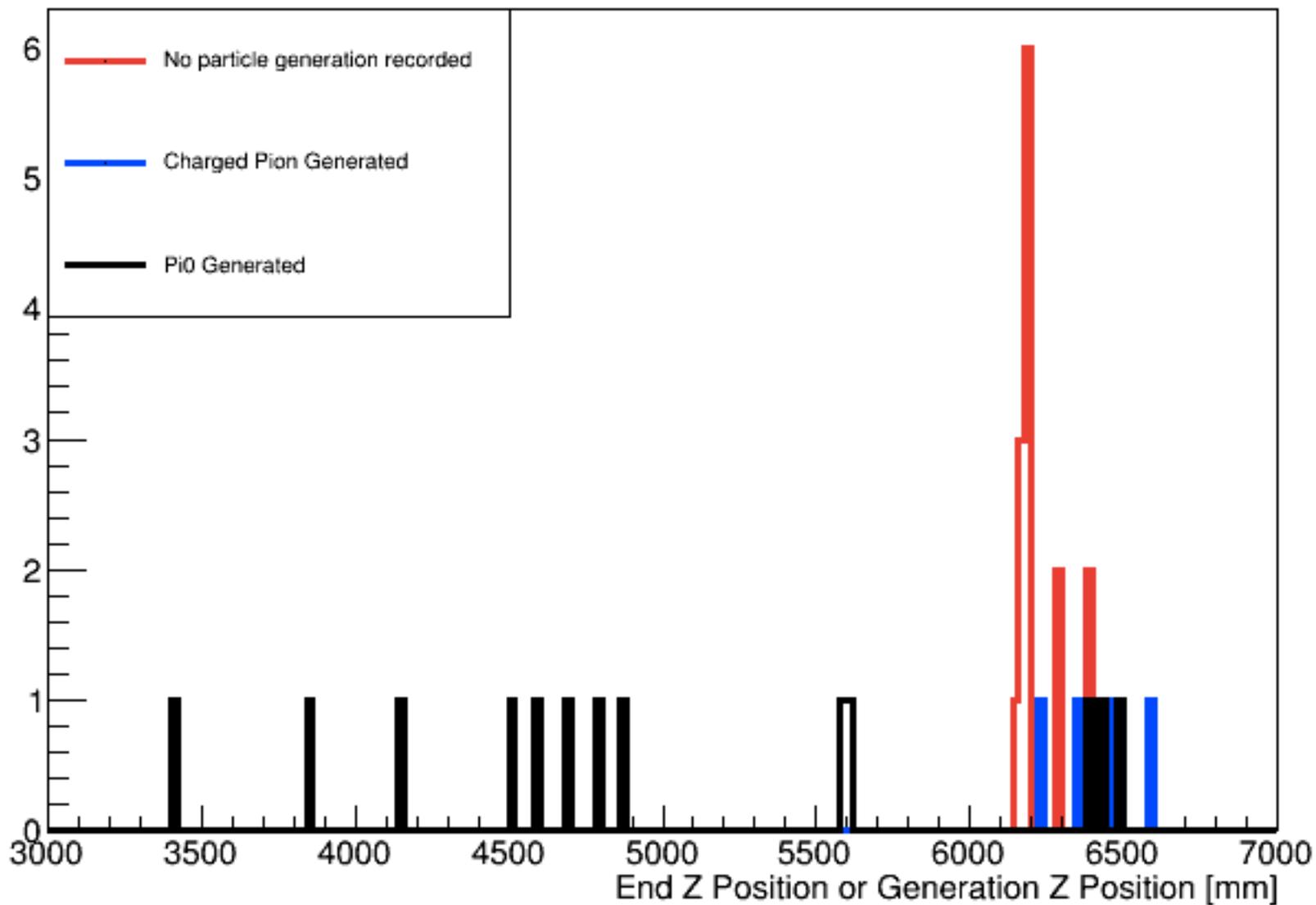
Result of g2ana



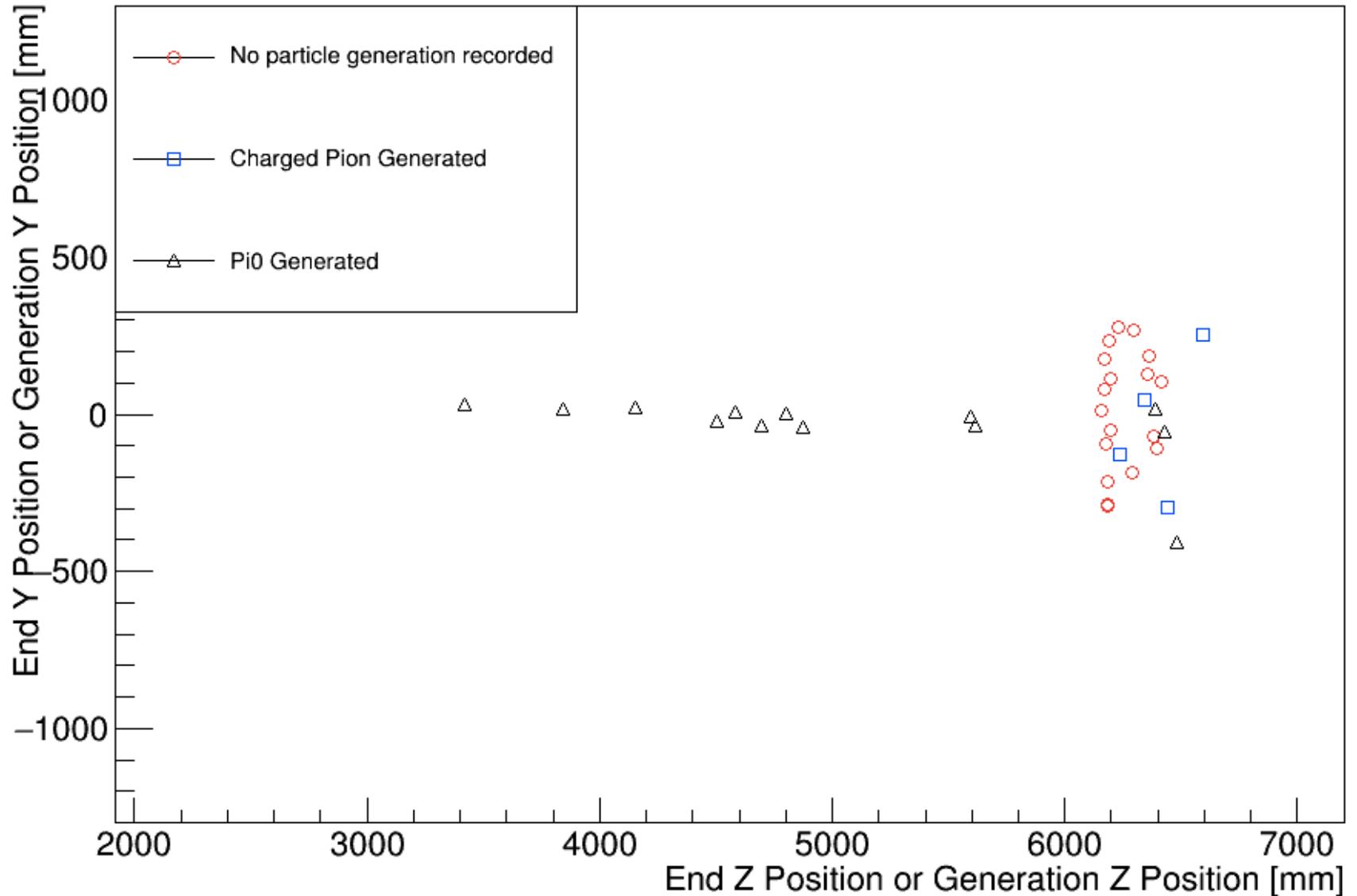
- $1.26 \cdot 10^{-3}$ per year with high vacuum.
- 12.6 events per year with low vacuum.

No particle production recorded

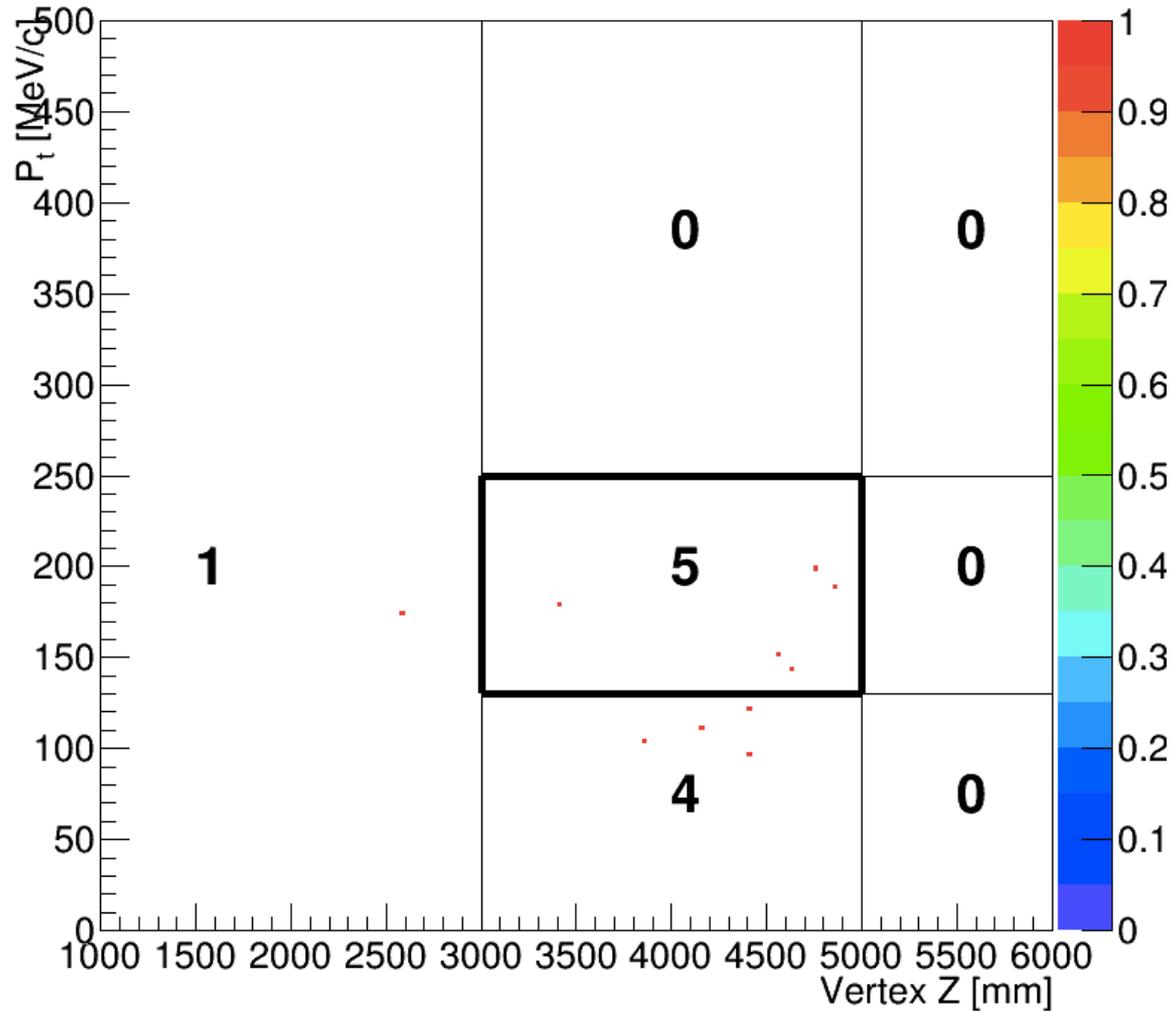
Decomposition



Interaction Position YZ

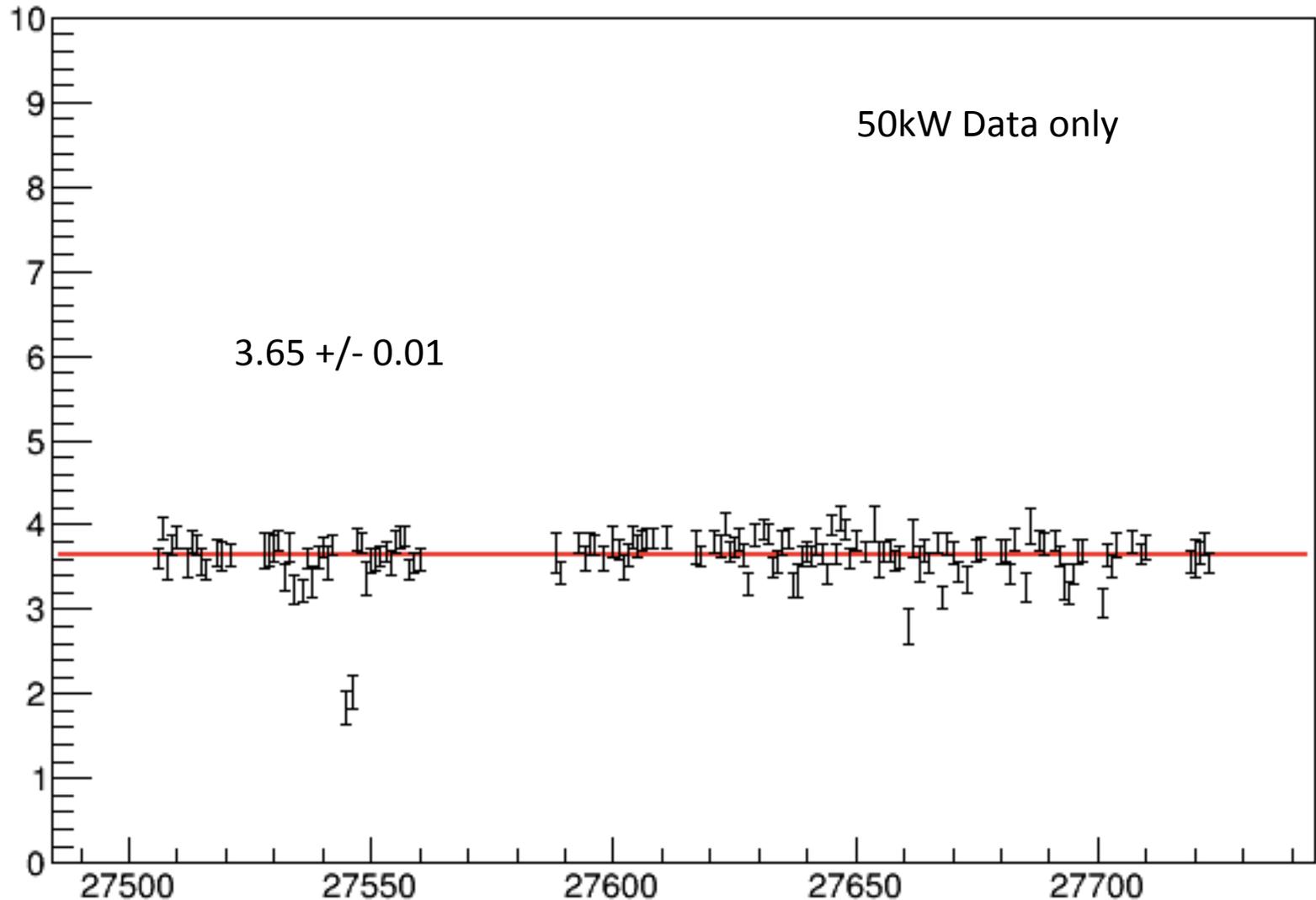


Pt-Z for upstream pi0

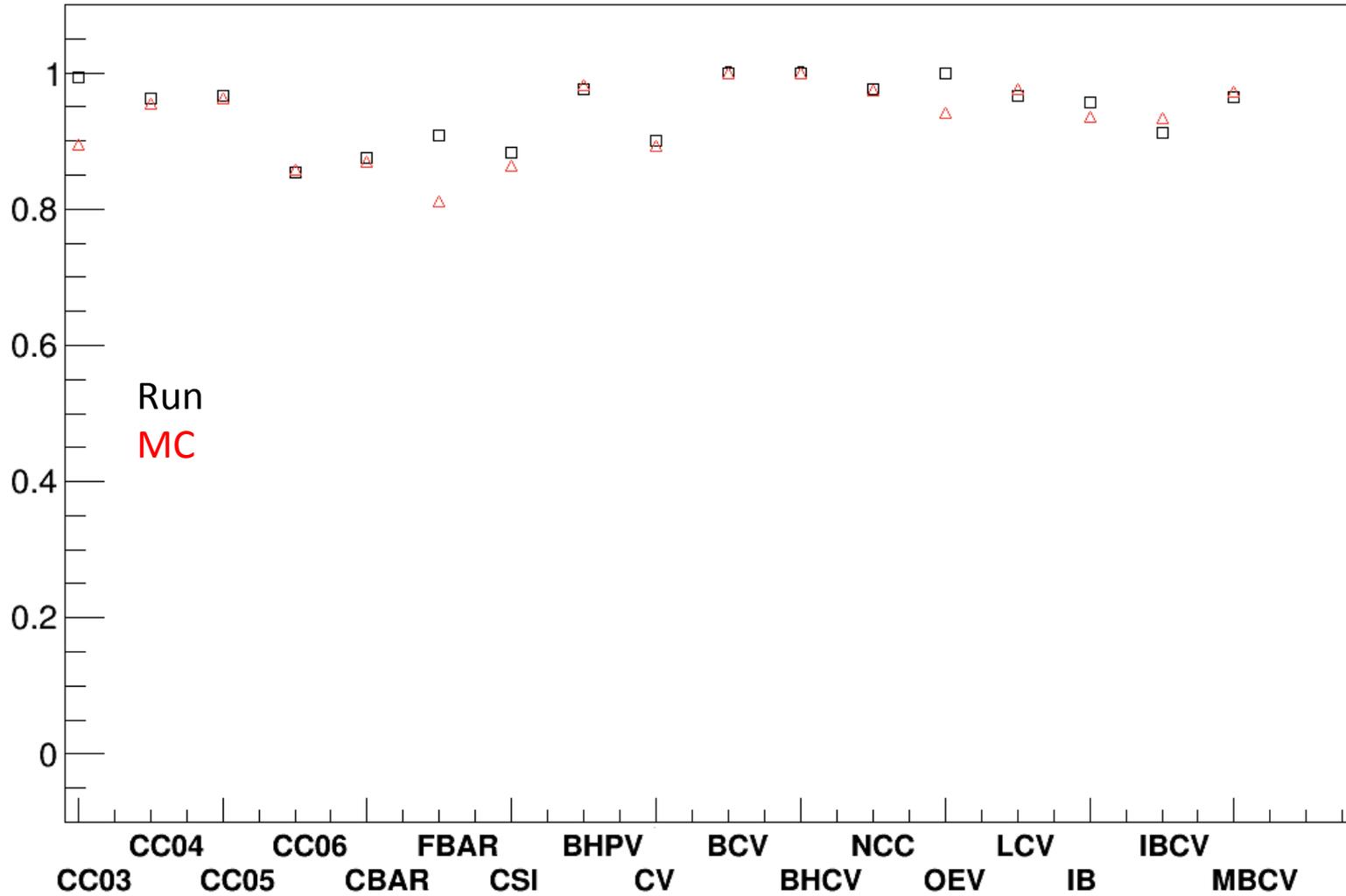


Run78 Fast Ana status

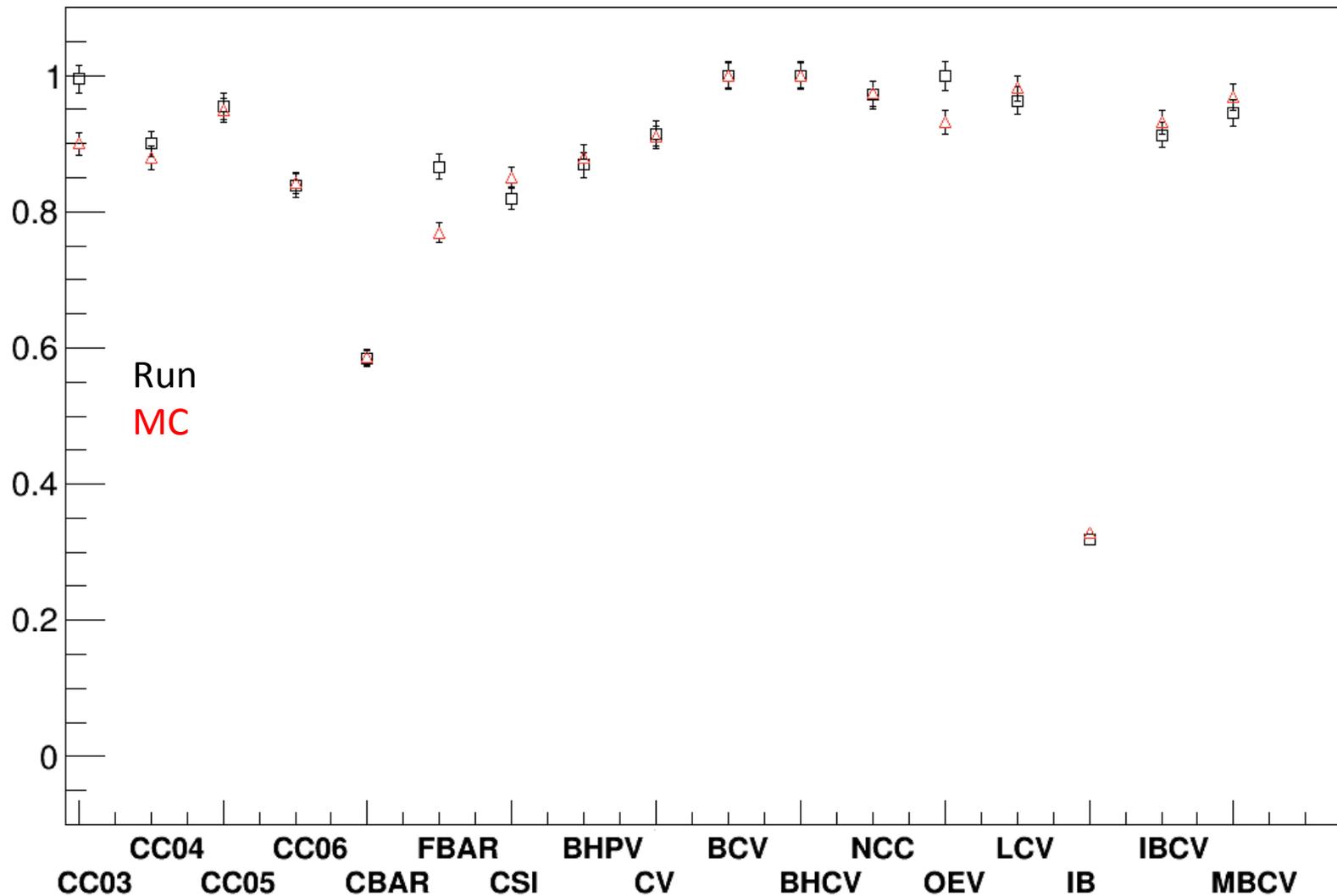
Flux with kinematical cut minimum bias and 3pi0 mode



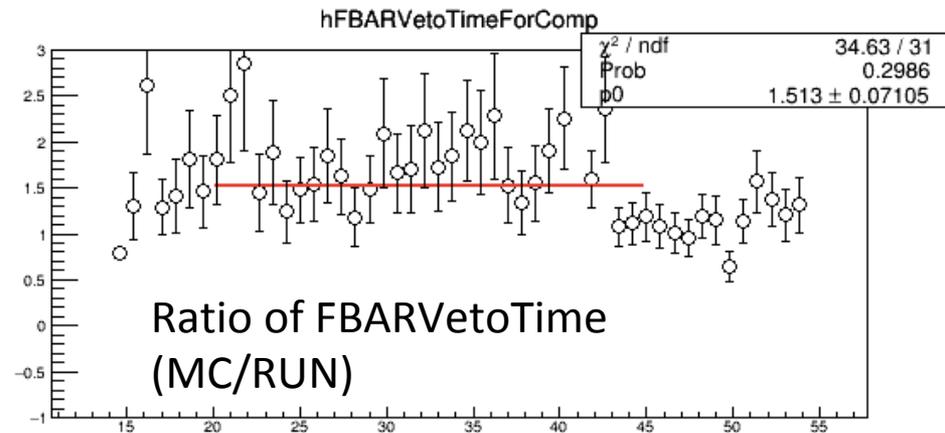
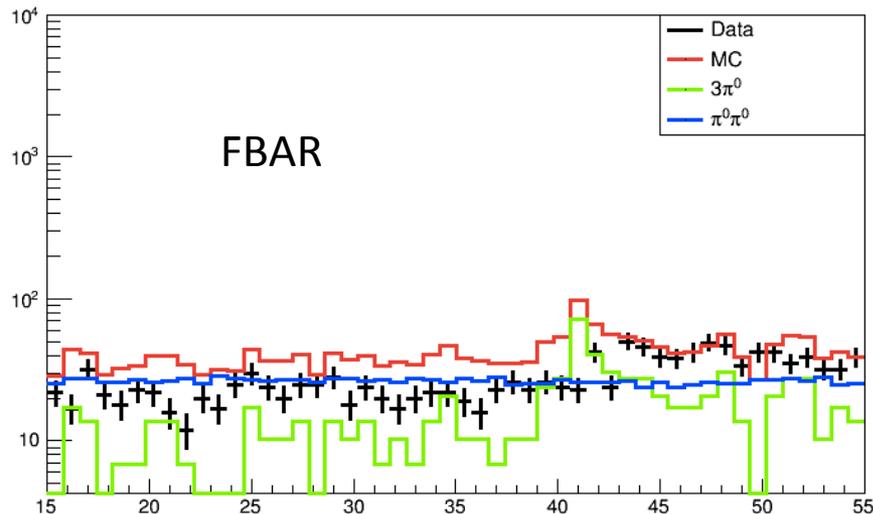
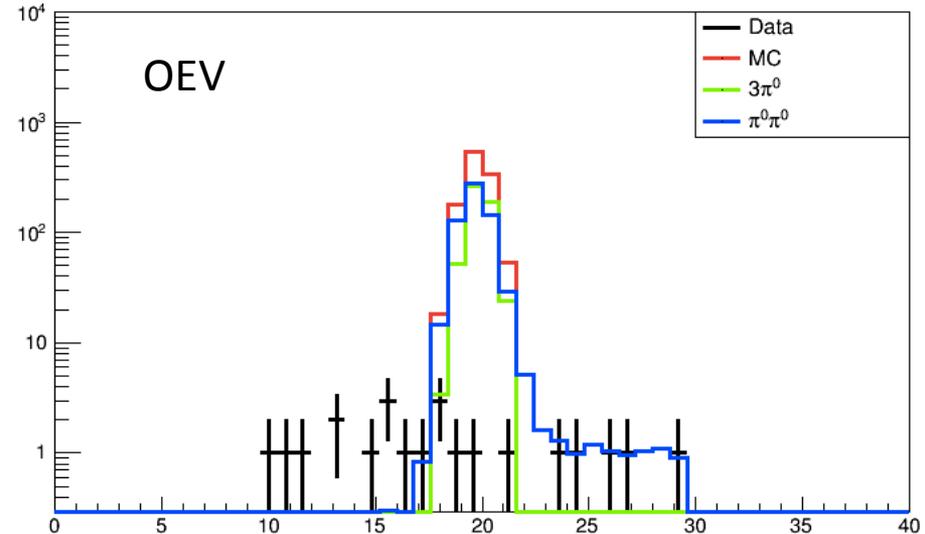
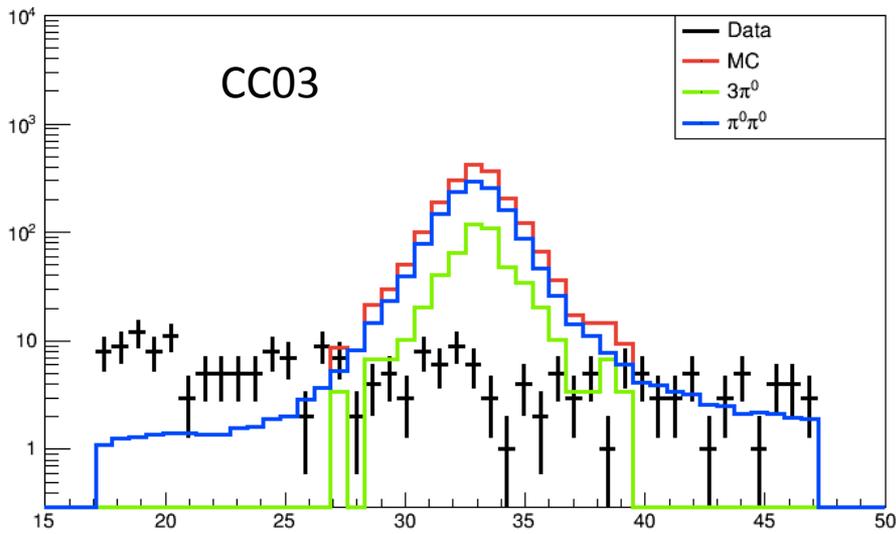
Veto efficiency (3pi0)



Veto efficiency ($\pi^0\pi^0$)

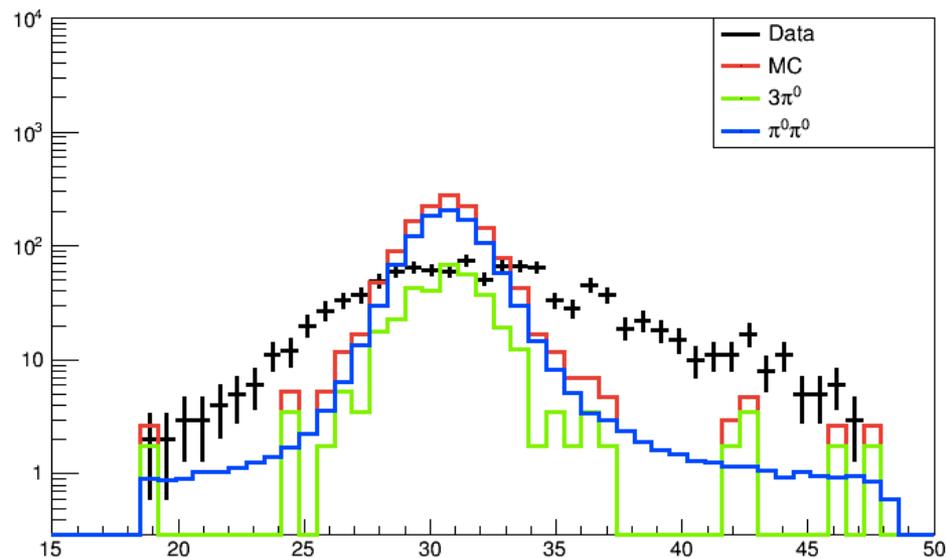


Distributions of Veto Detector (pi0pi0) Flux with kin cut only

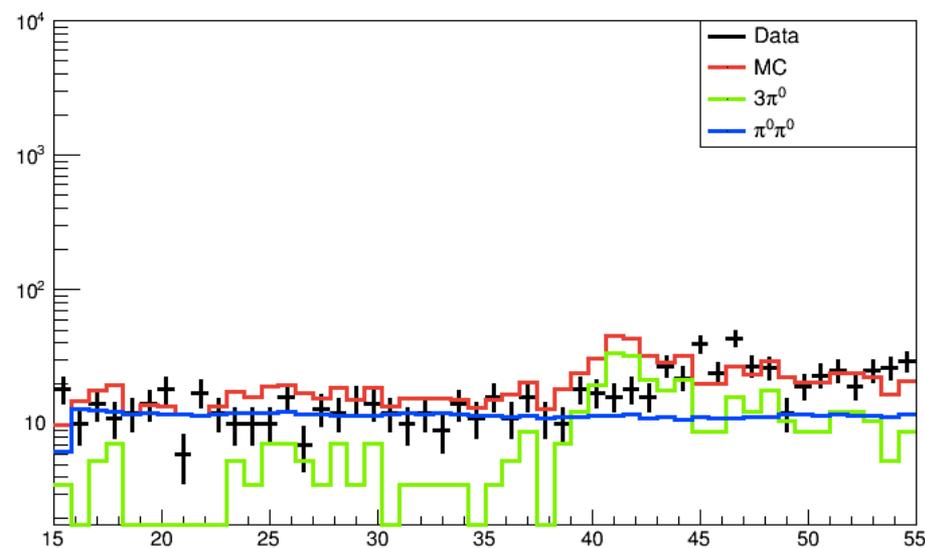


Case of run74 (pi0pi0)

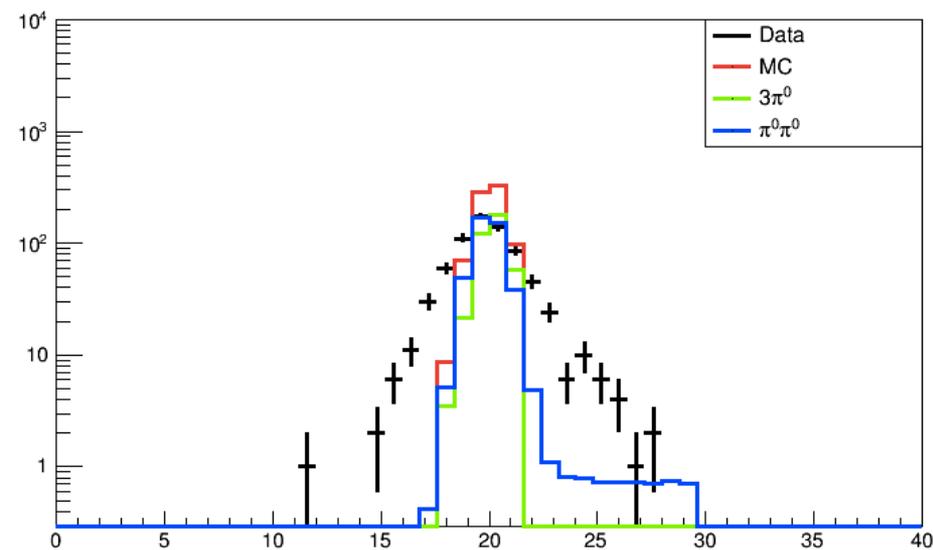
hCC03VetoTimeForComp



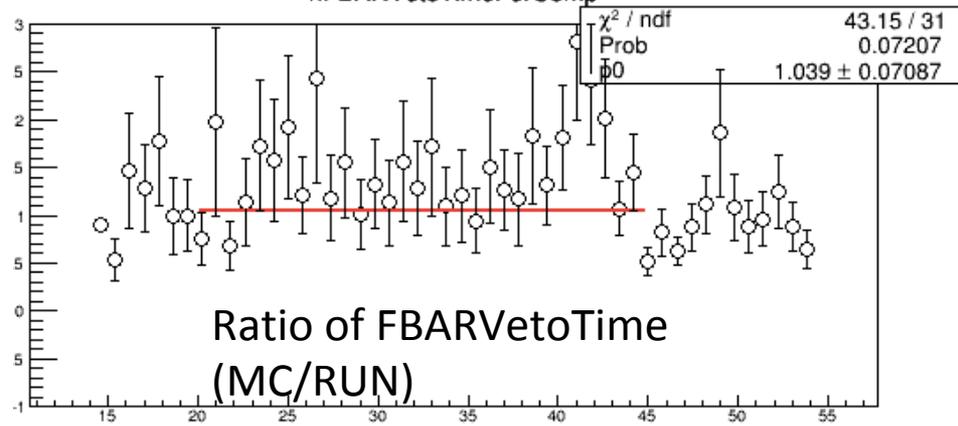
hFBARVetoTimeForComp



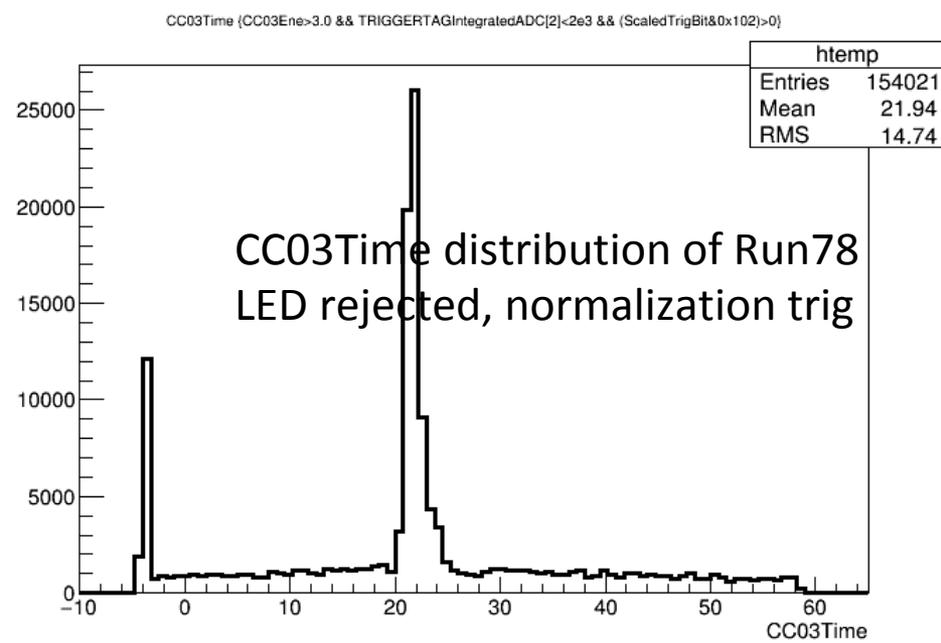
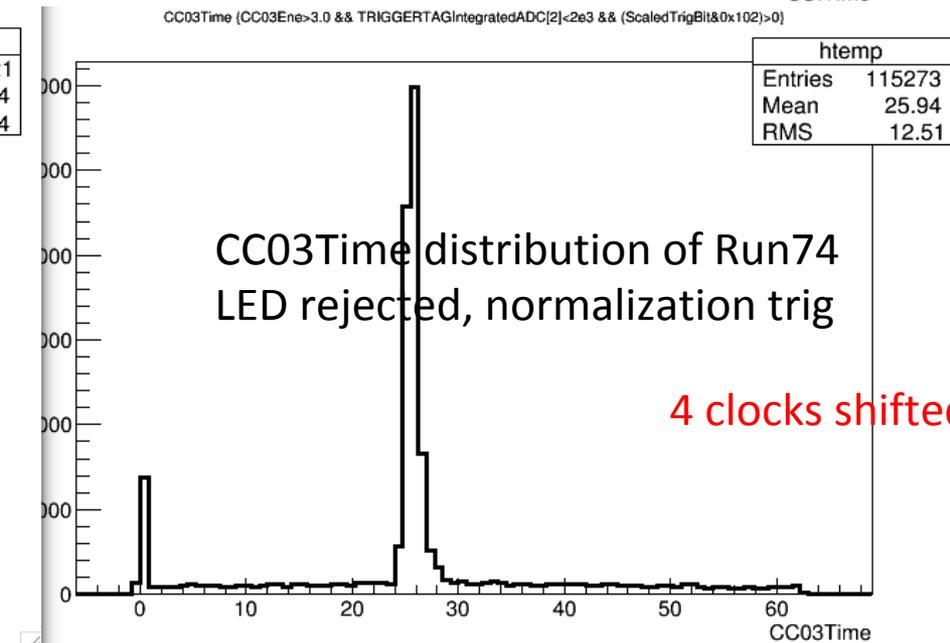
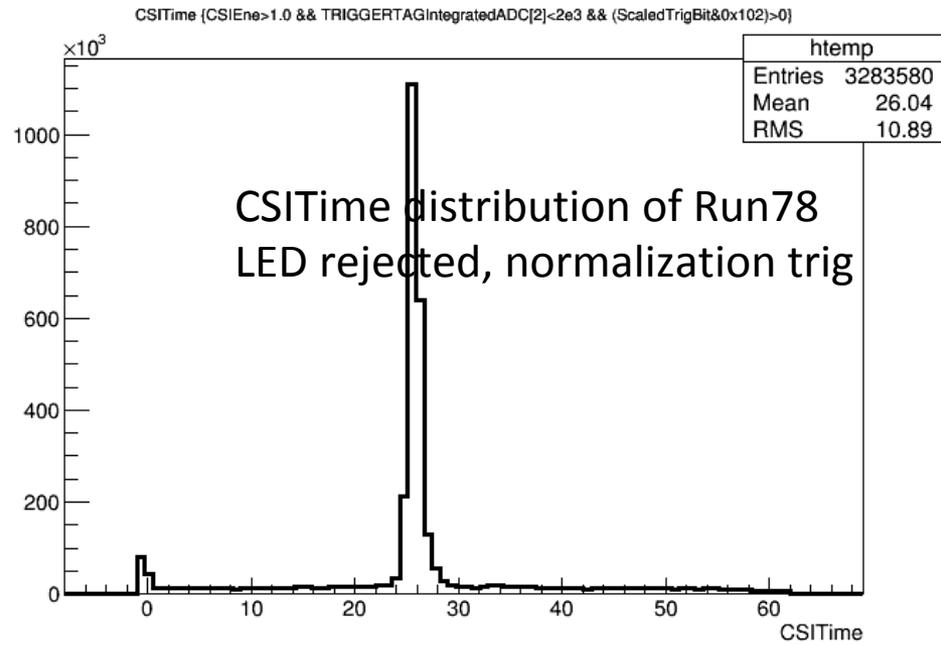
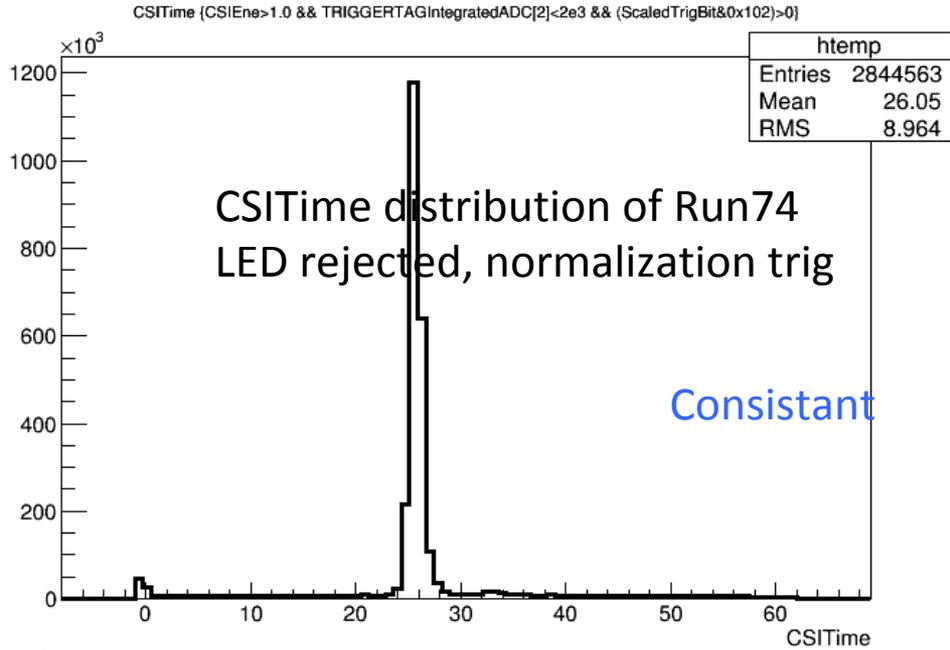
hOEVVetoTimeForComp



hFBARVetoTimeForComp

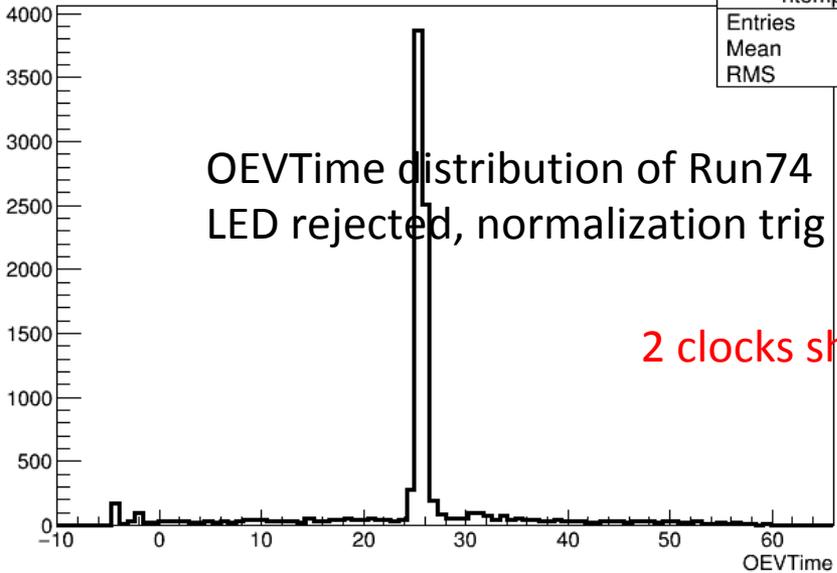


DST Time



OEVTime {OEVEne>1.0 && TRIGGERTAGIntegratedADC[2]<=2e3 && (ScaledTrigBit&0x102)>0}

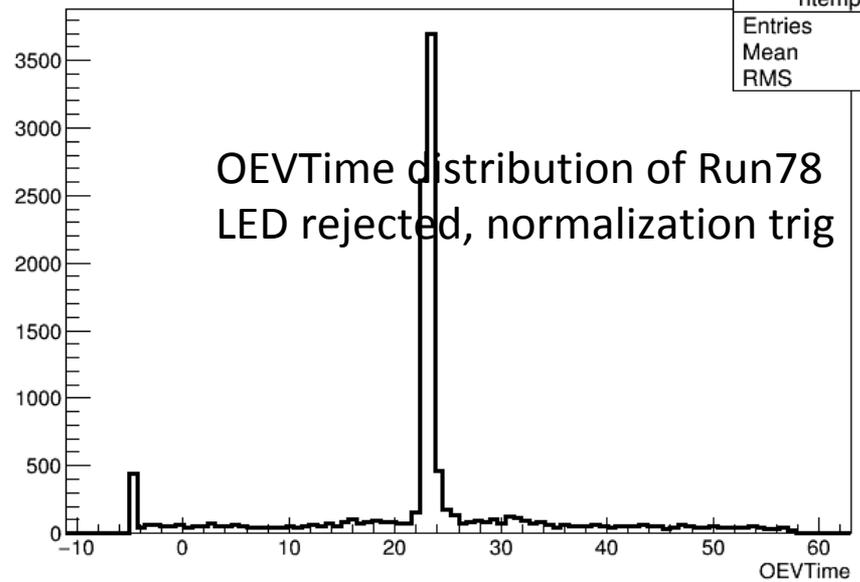
htemp	
Entries	9961
Mean	25.27
RMS	9.677



2 clocks shifted

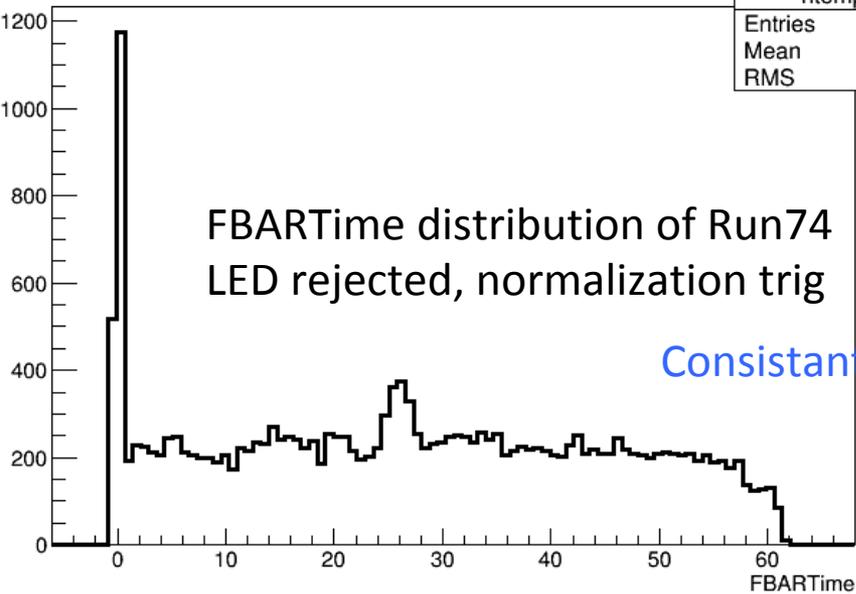
OEVTime {OEVEne>1.0 && TRIGGERTAGIntegratedADC[2]<=2e3 && (ScaledTrigBit&0x102)>0}

htemp	
Entries	12301
Mean	23.2
RMS	11.77



FBARTime {FBAREne>30.0 && TRIGGERTAGIntegratedADC[2]<=2e3 && (ScaledTrigBit&0x102)>0}

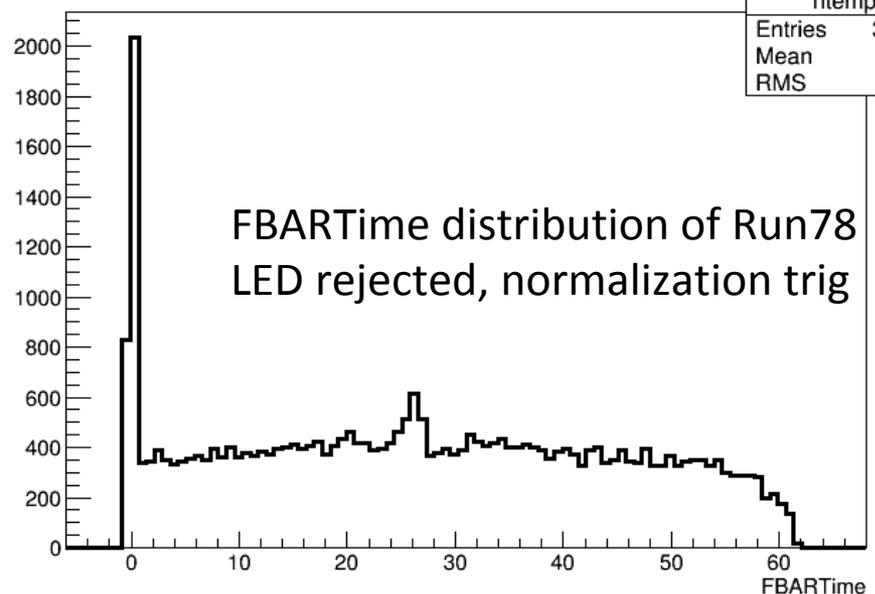
htemp	
Entries	19708
Mean	27.21
RMS	17.91



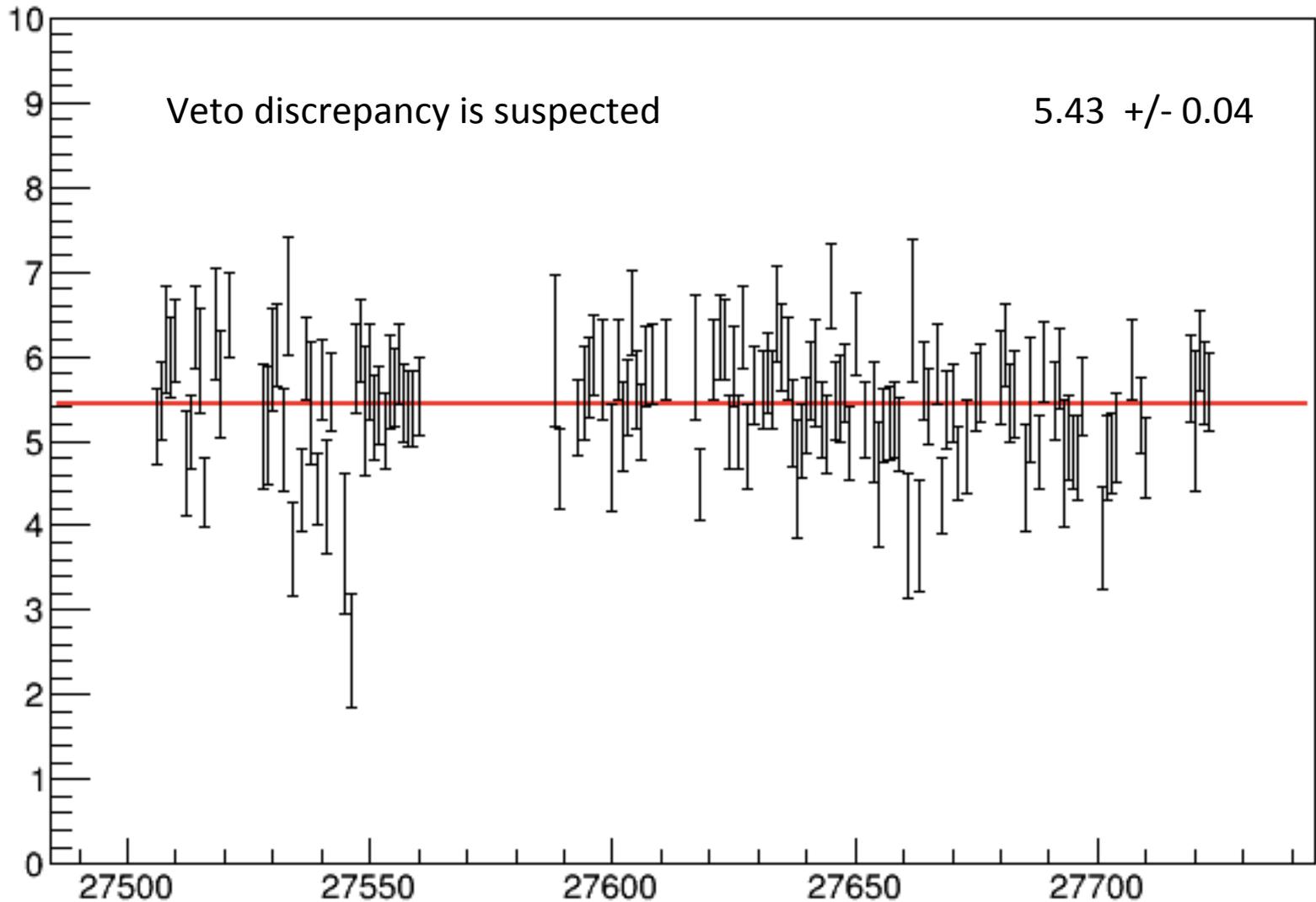
Consistant

FBARTime {FBAREne>30.0 && TRIGGERTAGIntegratedADC[2]<=2e3 && (ScaledTrigBit&0x102)>0}

htemp	
Entries	33374
Mean	27.06
RMS	17.79



Flux with full cut minimum bias and 3pi0 mode



Graph

