

Gamma Data: v2r71215p0 BT release

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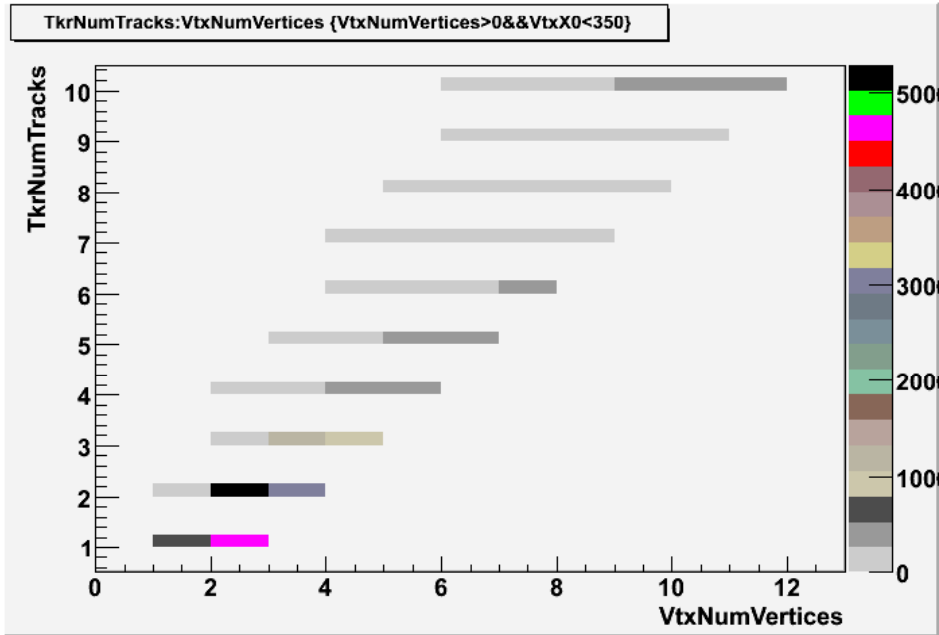
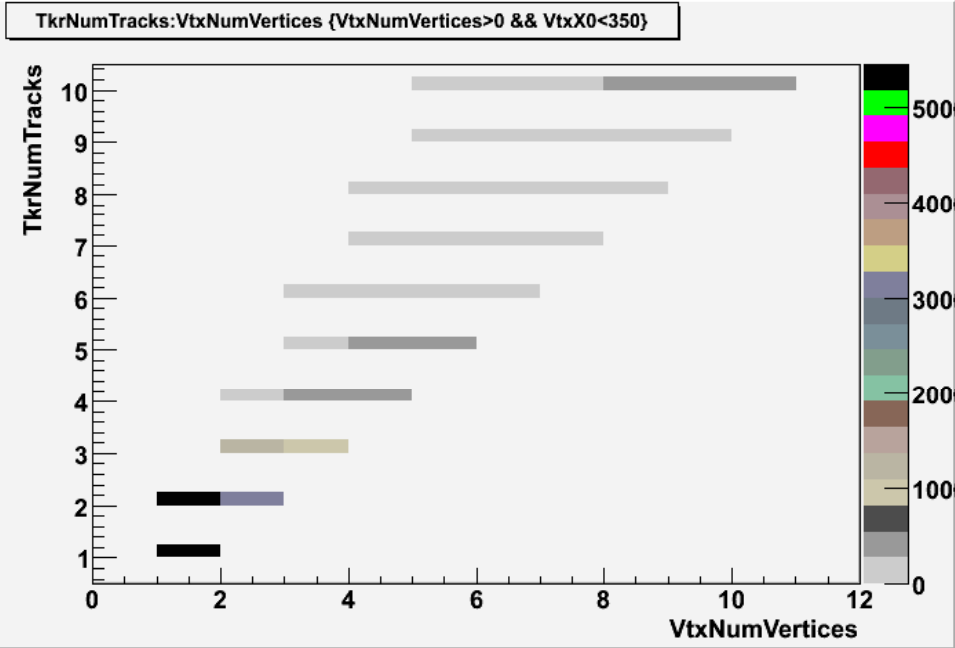
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Quick look to Run 1181 (FB TW2 0 deg)

v2r71117p1 BT release

v2r71215p0 BT release:
One more vertex!



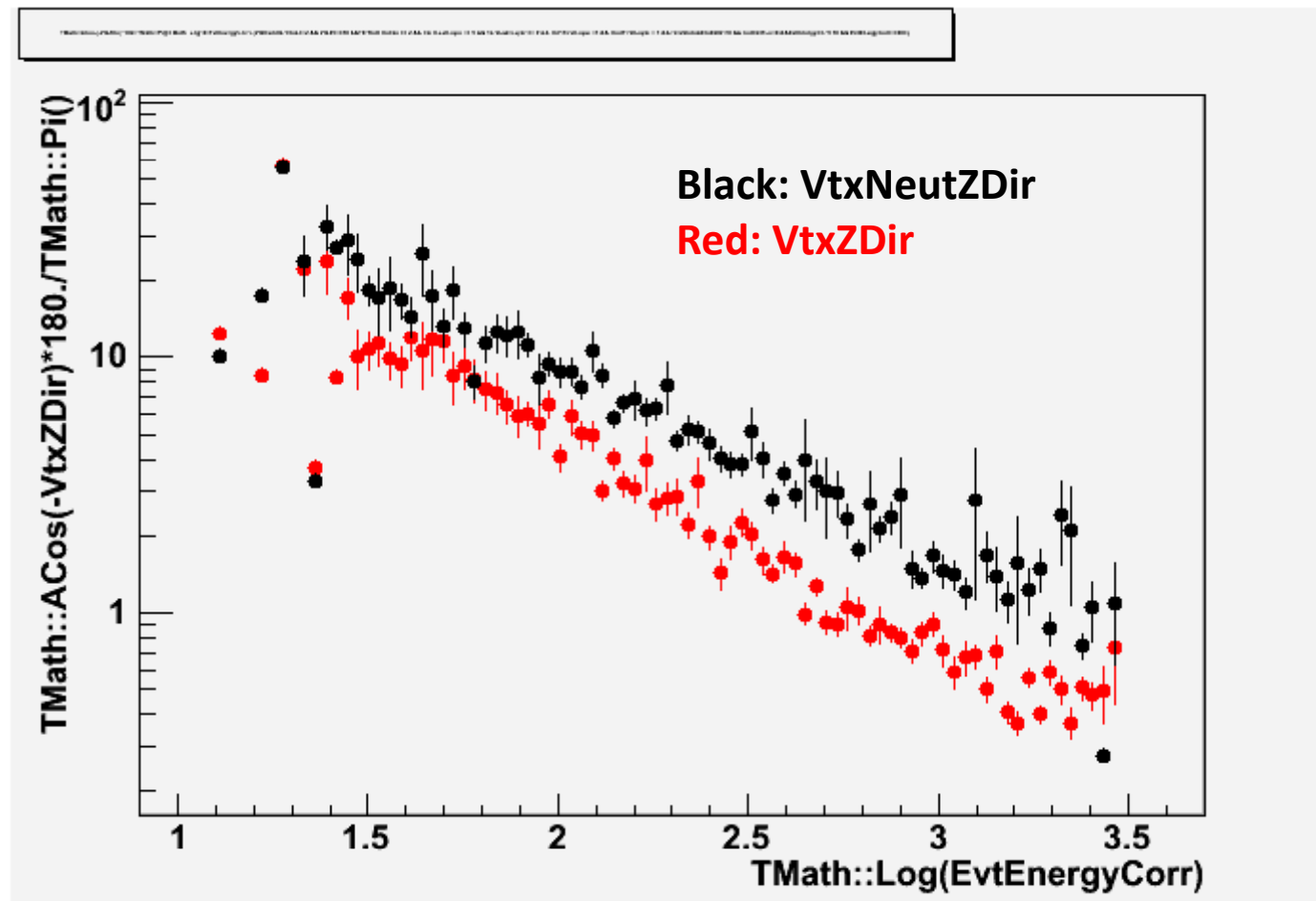
The VtxNumVertices request could give different results for the two BT releases.

Merit ntuple news

- new variables for the neutral track:
 - VtxNeutXDir, VtxNeutYDir, VtxNeutZDir
 - VtxNeutSXX, VtxNeutSXY, VtxNeutSYY
- The Vtx2* variables are empty, even though there is one more vertex

Quick PSF for the run 1181

VtxNumVertices==2 && VtxX0<350 &&TkrNumTracks == 2 && Tkr1LastLayer == 0
&& Tkr2LastLayer == 0 && Tkr1FirstLayer >1 && Tkr2FirstLayer > 1 &&
(VtxStatus&0x0002)>0 && CalCsIRLn>6 &&EvtEnergyCorr>10 && EvtEnergyCorr<3000

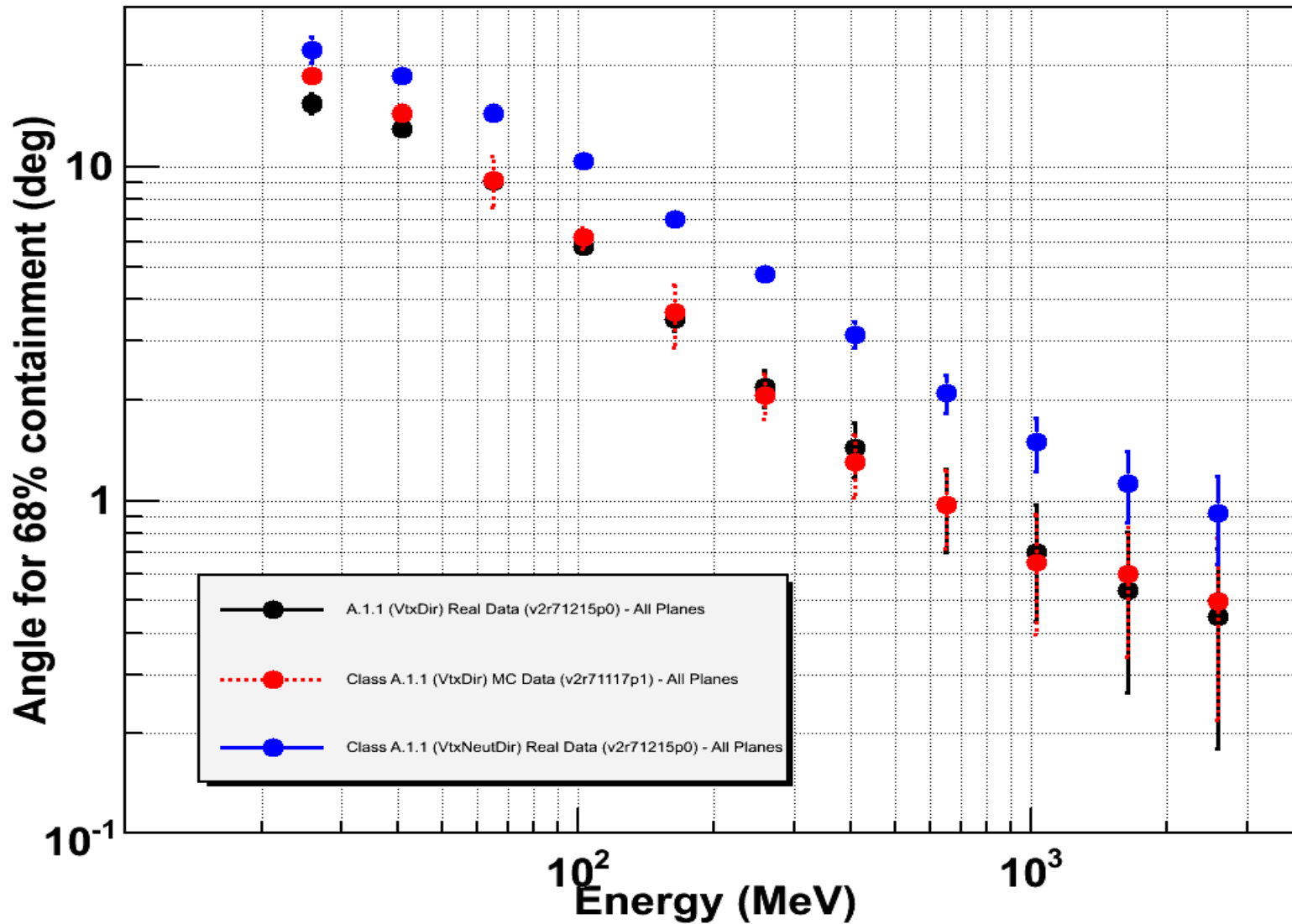


New Photon Event classification

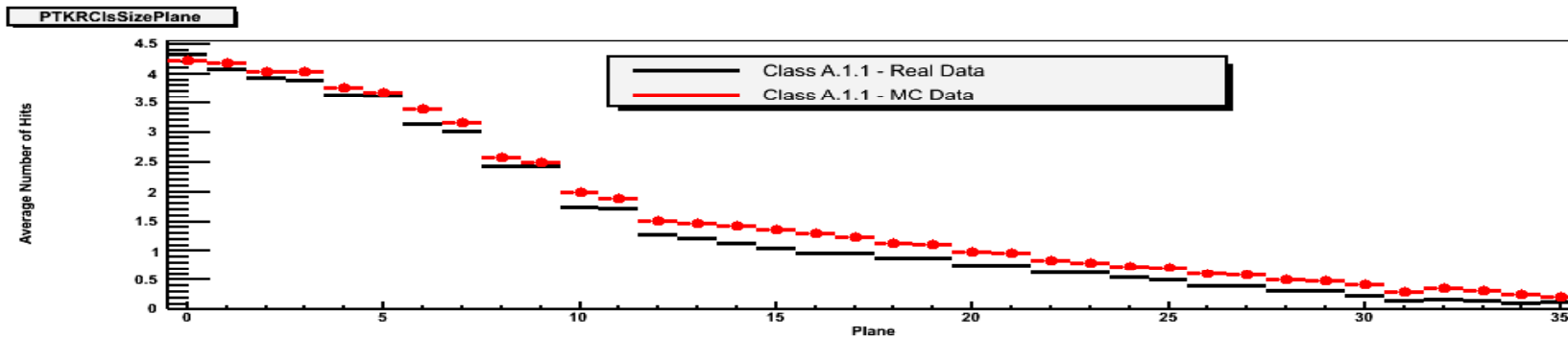
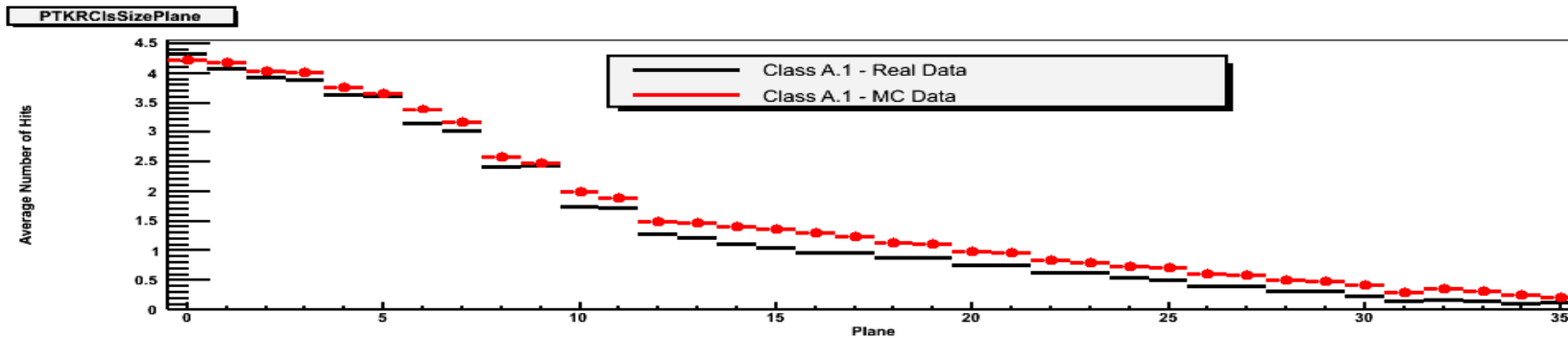
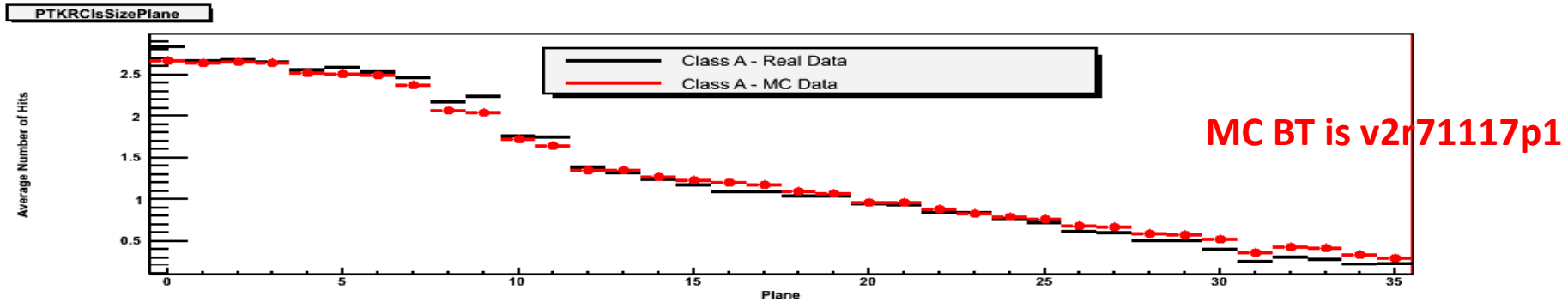
- Class A: **events with 2 vertices (VtxNumVertices==2)**
 - Class A.1: events with 2 tracks and two track associated to the vertex:
VtxStatus&0002>0 && TkrNumTracks==2 && Tkr1LastLayer == 0 && Tkr2LastLayer == 0 && Tkr1FirstLayer > 1 && Tkr2FirstLayer > 1
 - **Class A.1.1: CalCsIRLn > 6**
 - Class A.2: events with 1 track and one track associated to the vertex:
VtxStatus&0002>0 && TkrNumTracks==2 && Tkr1LastLayer == 0 && Tkr1FirstLayer > 1
 - **Class A.2.1: CalCsIRLn > 6**
- Class B: **events with 3 Vertices (VtxNumVertices==3)**
 - **Class B.1.1:** Two tracks associated with the first vertex:
VtxStatus&0002>0 && Tkr1LastLayer == 0 && Tkr2LastLayer == 0 && Tkr1FirstLayer > 1 && Tkr2FirstLayer > 1 && CalCsIRLn > 6
- Class C: **events with 4 o more Vertices (VtxNumVertices>3)**
 - **Class C.1.1:** Two tracks associated with the first vertex:
VtxStatus&0002>0 && Tkr1LastLayer == 0 && Tkr2LastLayer == 0 && Tkr1FirstLayer > 1 && Tkr2FirstLayer > 1 && CalCsIRLn > 6

FB Tower 2 – 0 deg

Tower 2 - Angular Resolution Vs. Reconstructed Energy at Normal Incidence (2.5 GeV Electron beam)

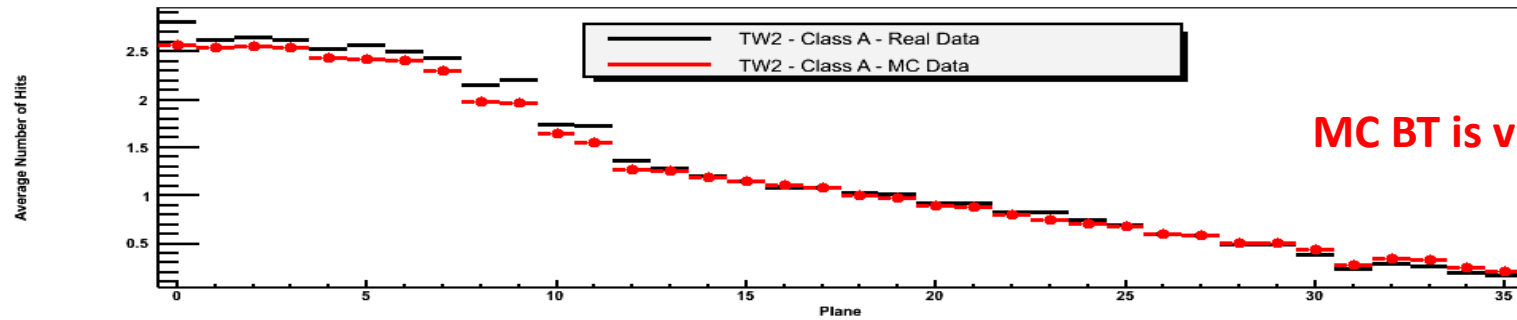


Tw2+Tw3 Hits Vs Layer (FB TW2 0 deg)

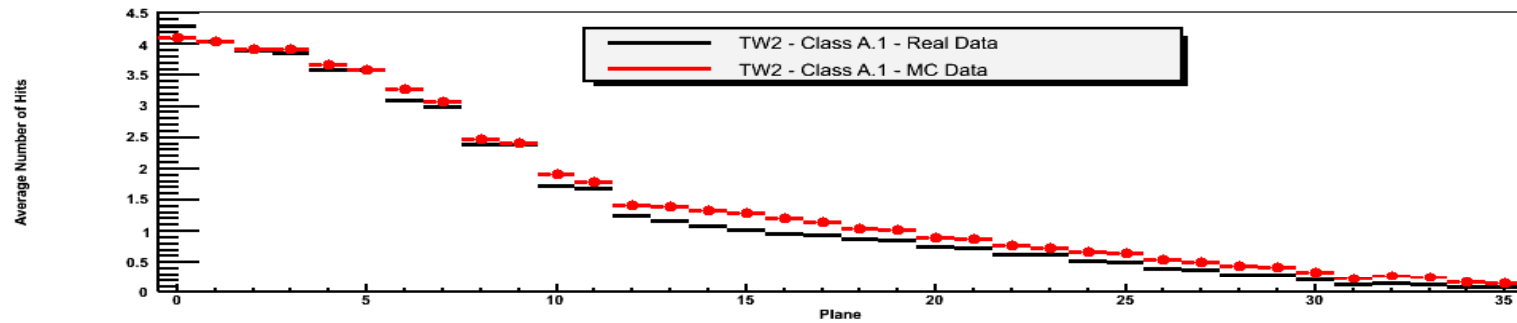


Tw2 Hits Vs Layer (FB TW2 0 deg)

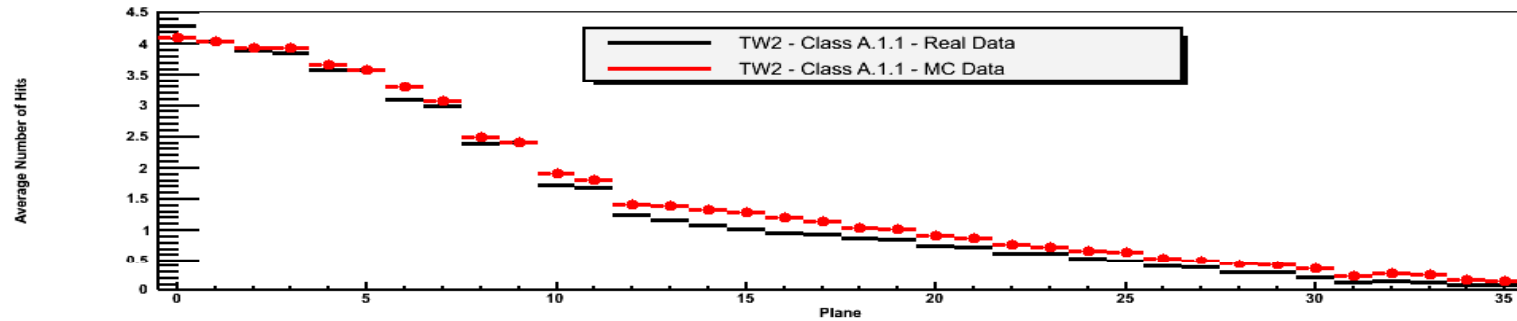
Class A - Cluster Size Profile Tower 2



Class A.1 - Cluster Size Profile Tower 2

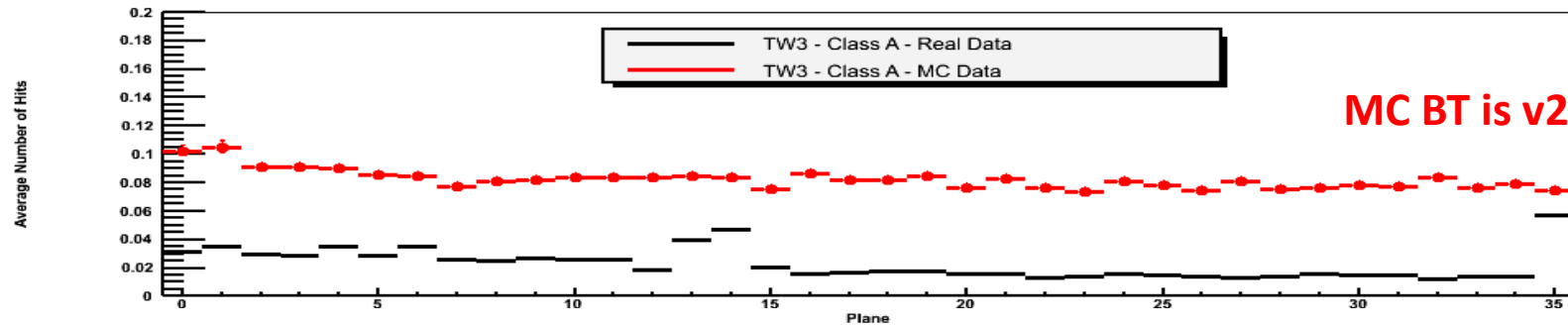


Class A.1.1 - Cluster Size Profile Tower 2

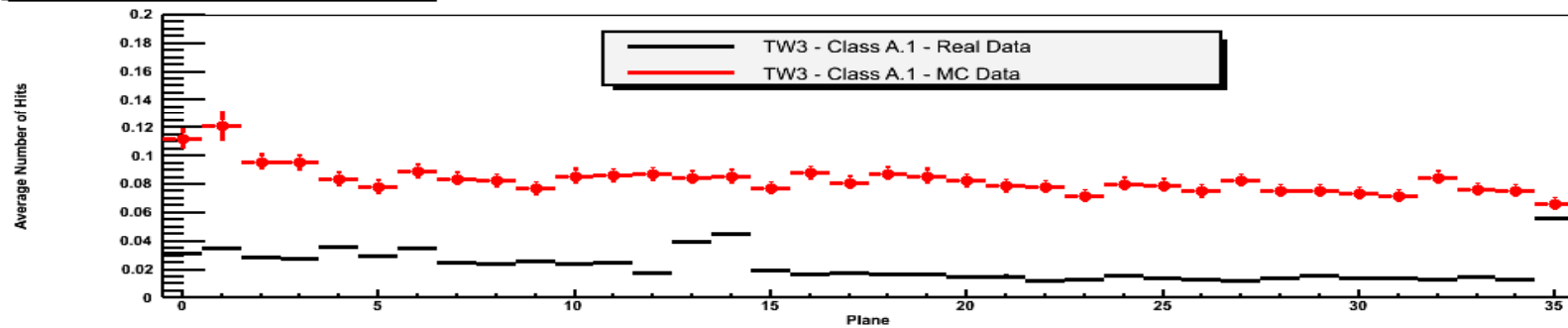


Tw3 Hits Vs Layer (FB TW2 0 deg)

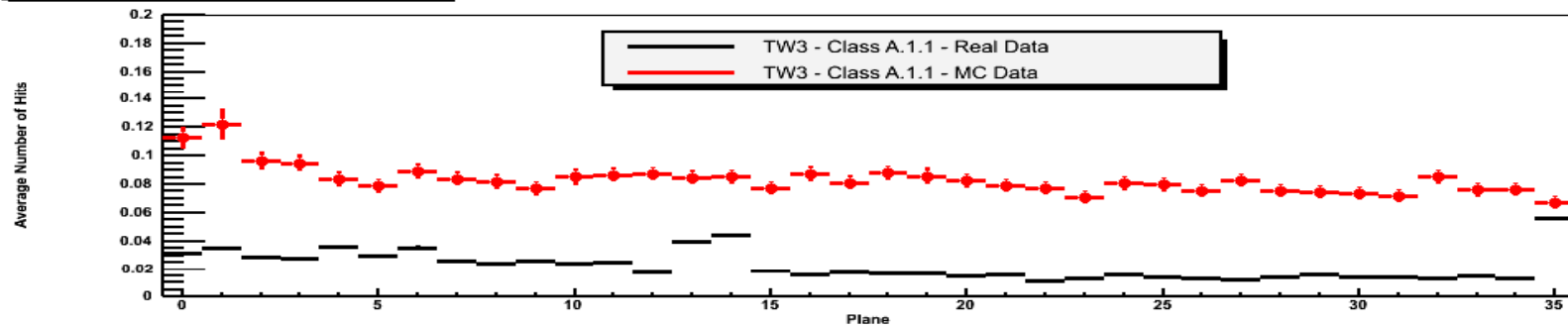
Class A - Cluster Size Profile Tower 3



Class A.1 - Cluster Size Profile Tower 3



Class A.1.1 - Cluster Size Profile Tower 3



A.1.1 Cluster study

