CFT Cluster Finding Efficiency

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06/03/03

Run 175357

7th Apr , Global CMT 11.02, Lum. ~ 13E30

Run175336

6th Apr , Global CMT 11.02, Lum ~ 13E30

Selection of Tracks

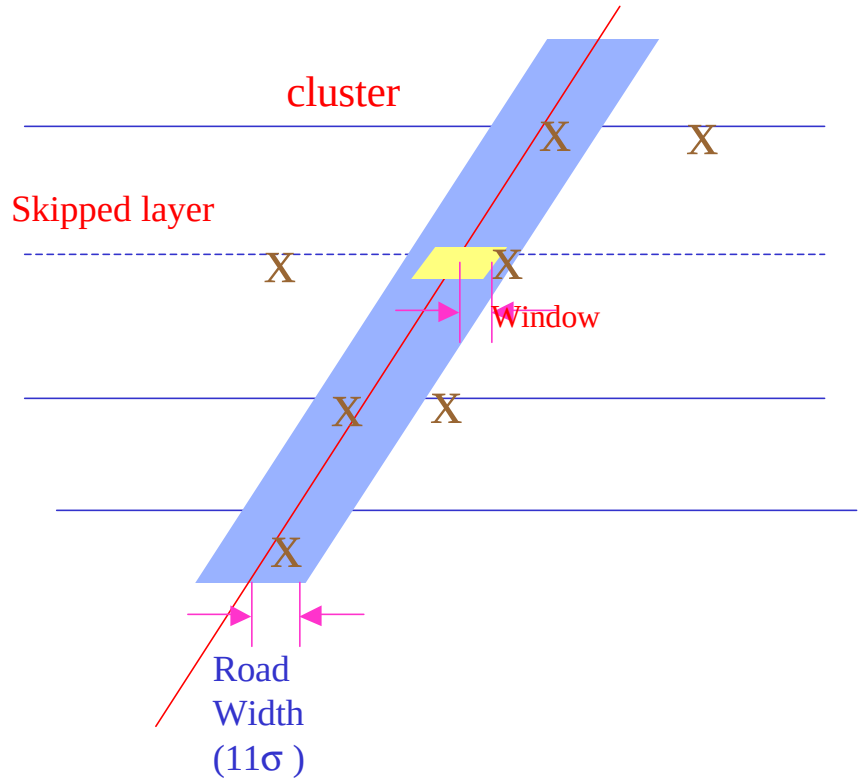
- Number of CFT hits =15
- DCA < 3 mm
- Pt > 1 GeV
- No more than 1 hit within

11 s (Tracking)

- Window = 7 (Resolution)

(Tracking) ~ 100

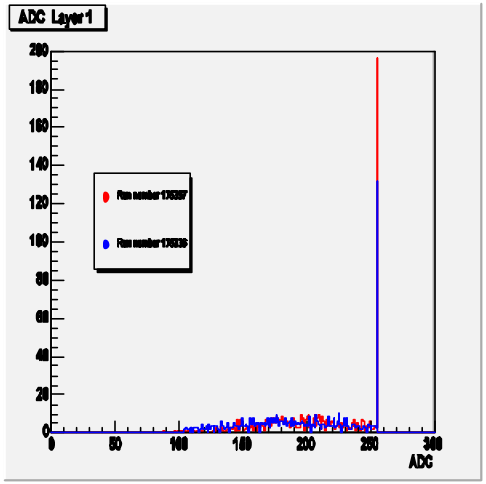
s (Resolution) ~ 0.013 cm

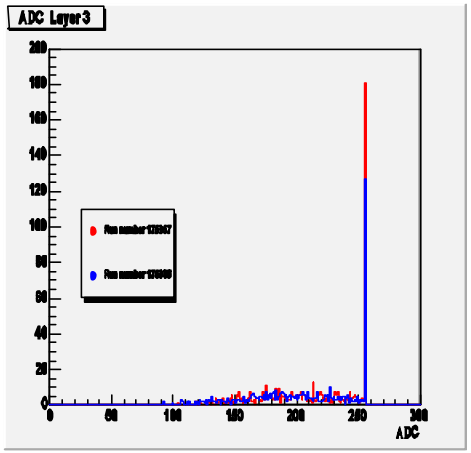


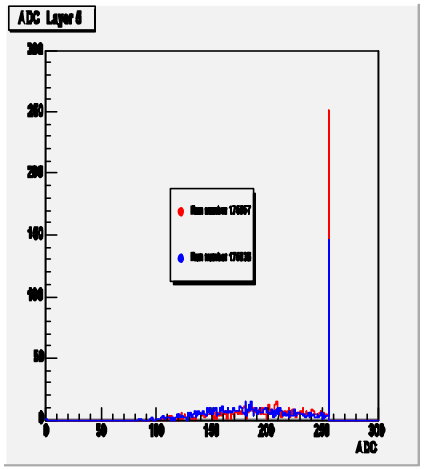
Things of Interest

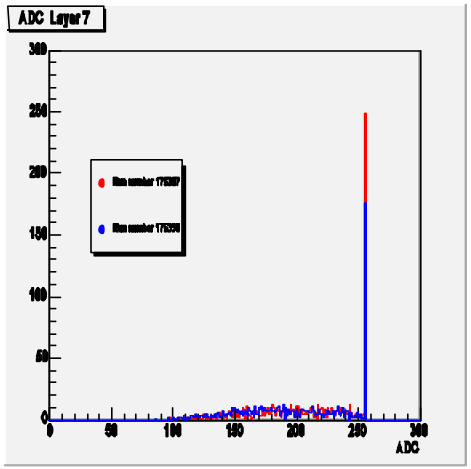
- Efficiency for CFT layers (1 - 14)
- Efficiency vs SVX Chip
- ADC vs eta and phi
- Tracks matched in eta and phi

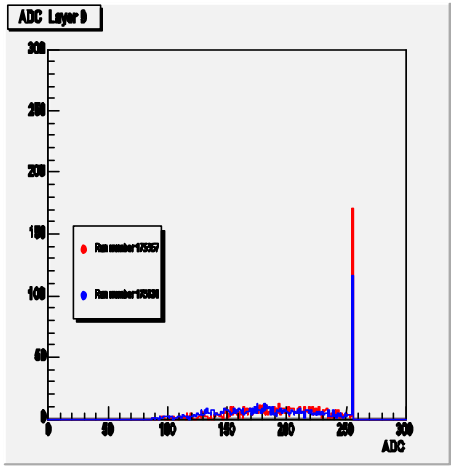
ADC (Axial)


ADC Layer 1
ADC


ADC Layer 3
ADC


ADC Layer 5
ADC


ADC Layer 7
ADC


ADC Layer 9
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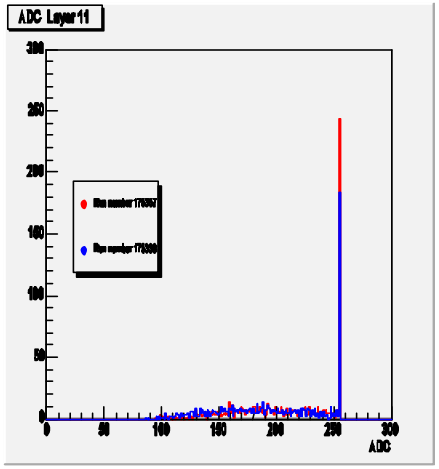
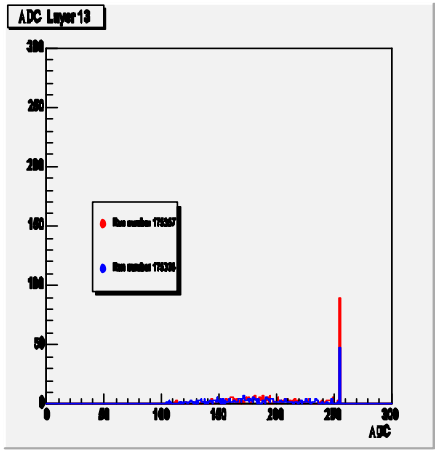
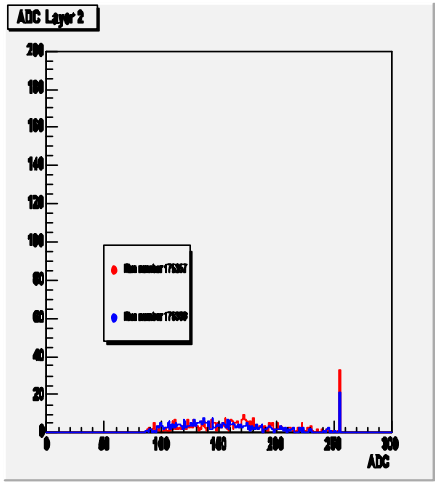
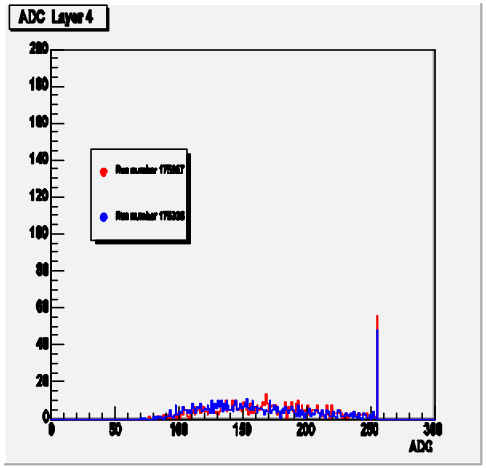
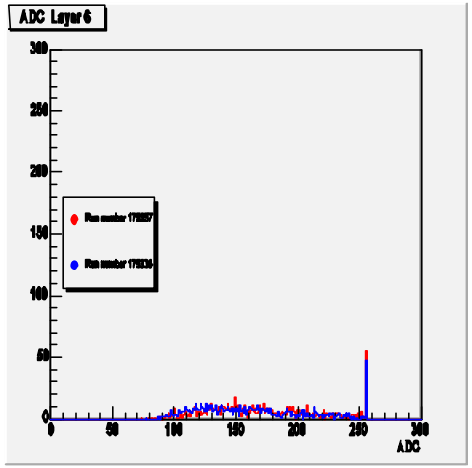

ADC Layer 11
ADC


ADC Layer 13
ADC

ADC (Stereo)


ADC Layer 2
ADC


ADC Layer 4
ADC


ADC Layer 6
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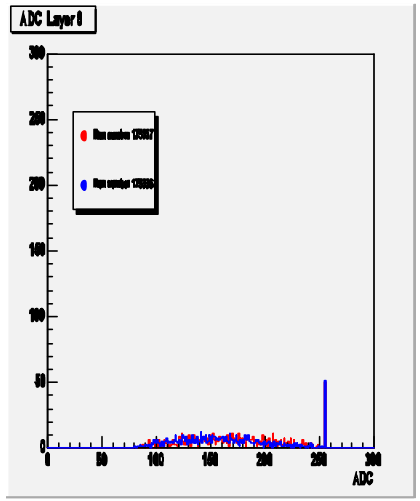
ADC Layer 8
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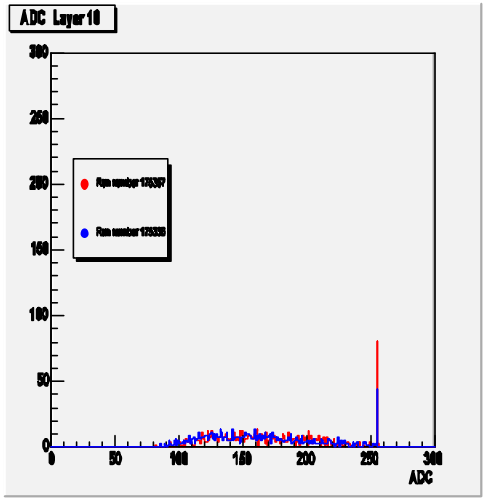
ADC Layer 10
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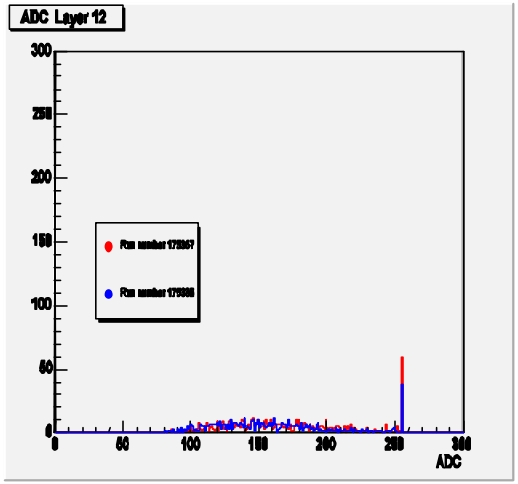
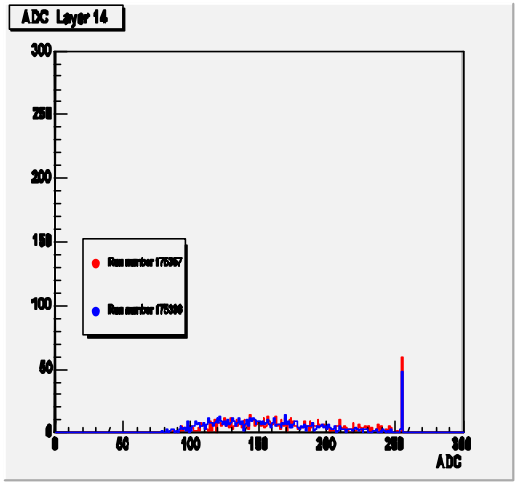
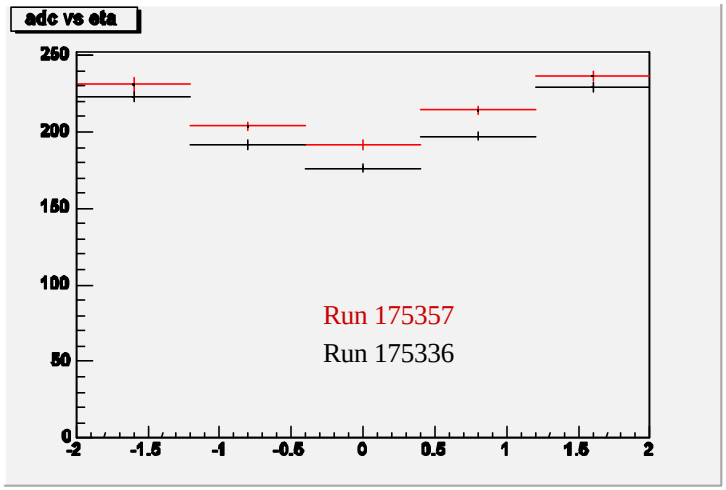
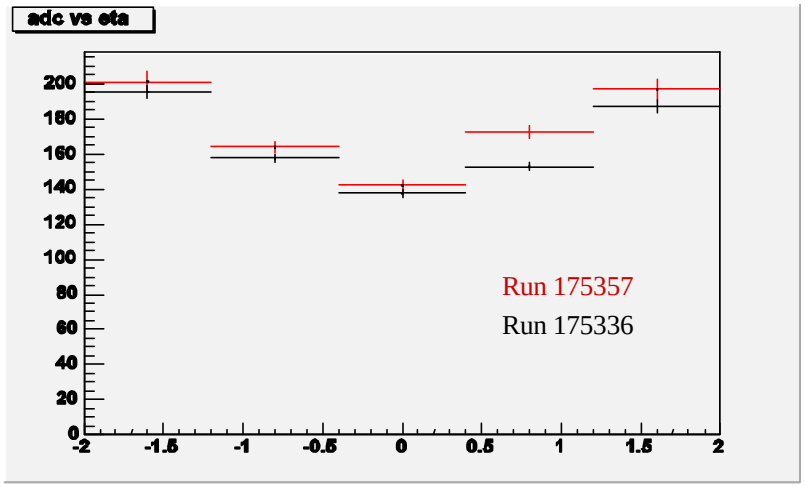

ADC Layer 12
ADC


ADC Layer 14
ADC

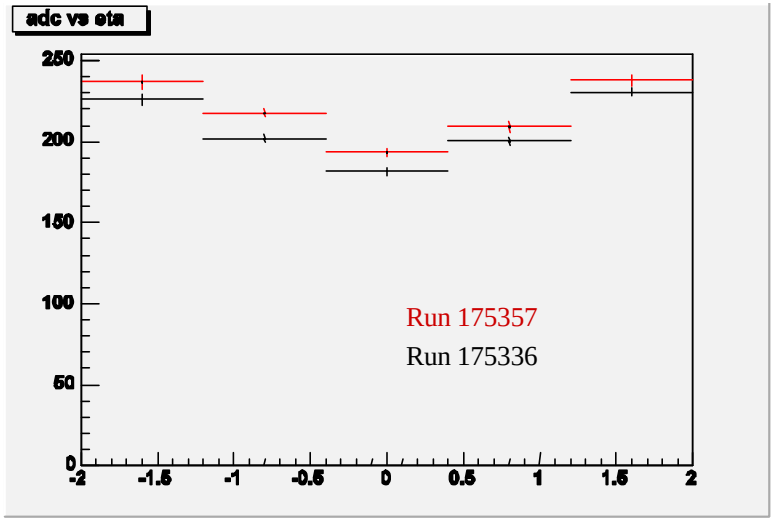
ADC vs eta



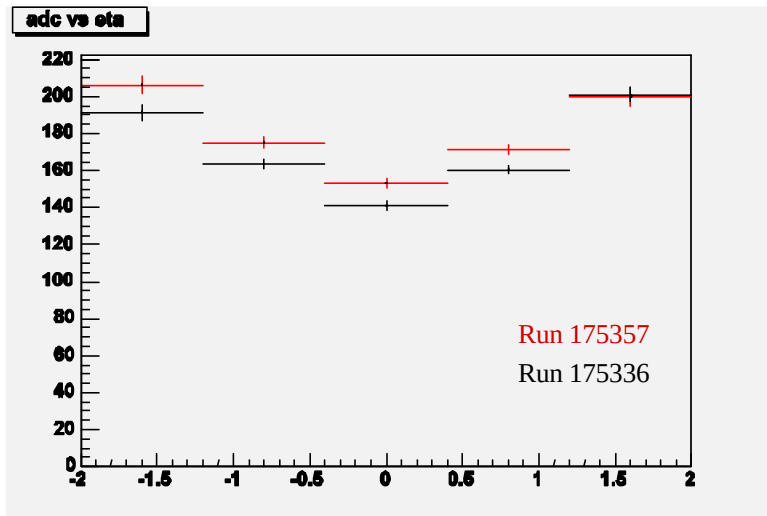
Layer 1



Layer 2

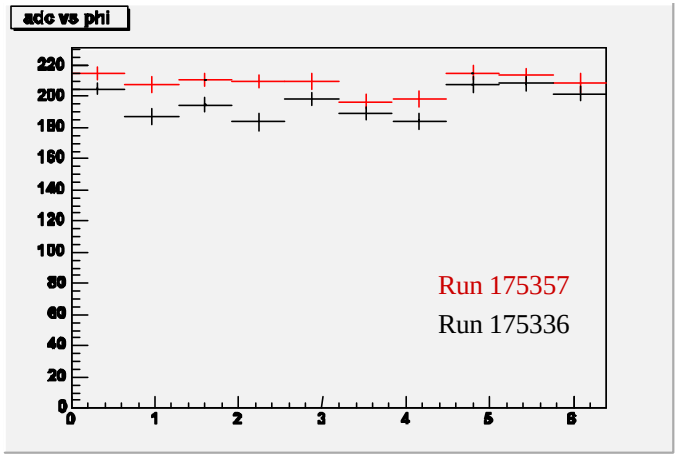


Layer 3

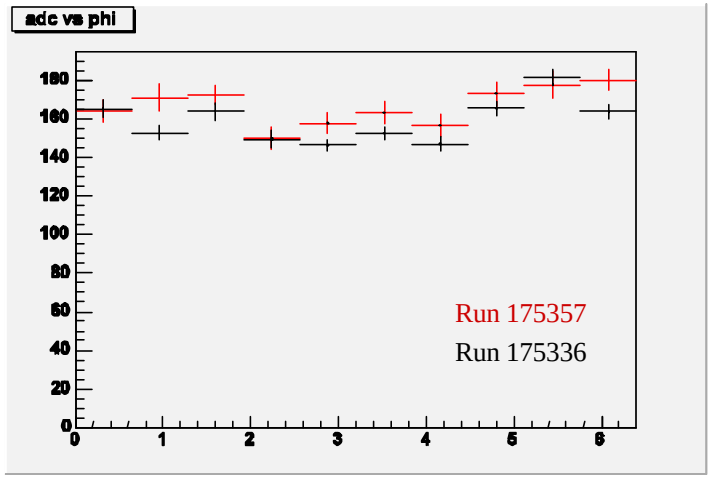


Layer 4

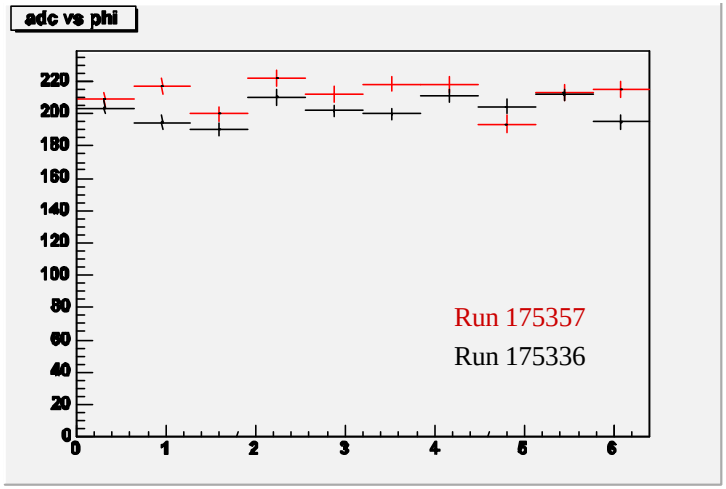
ADC vs phi



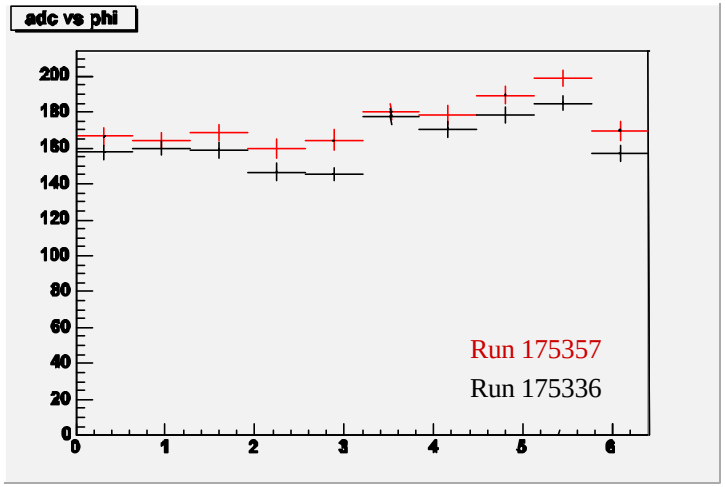
Layer 1



Layer 2

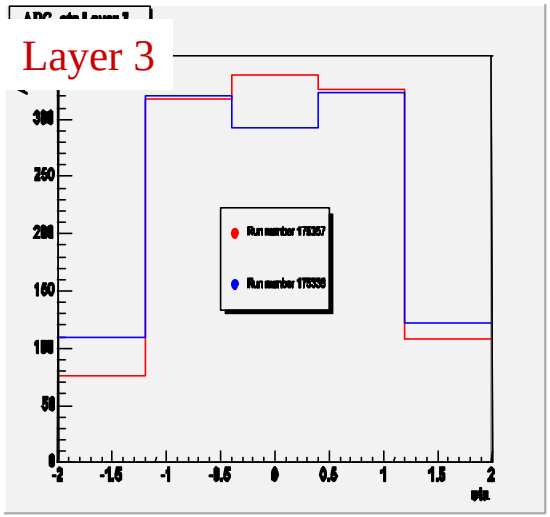


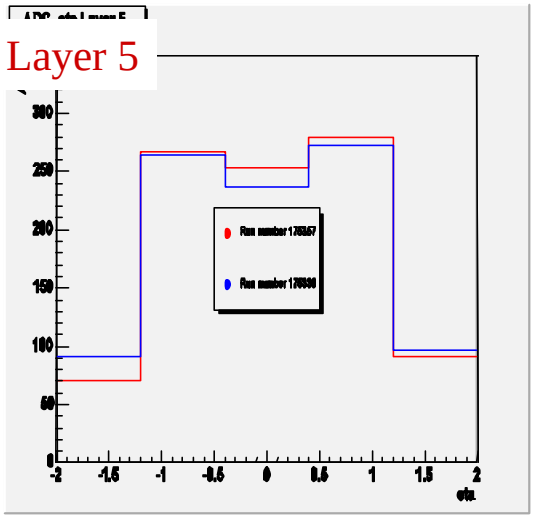
Layer 3

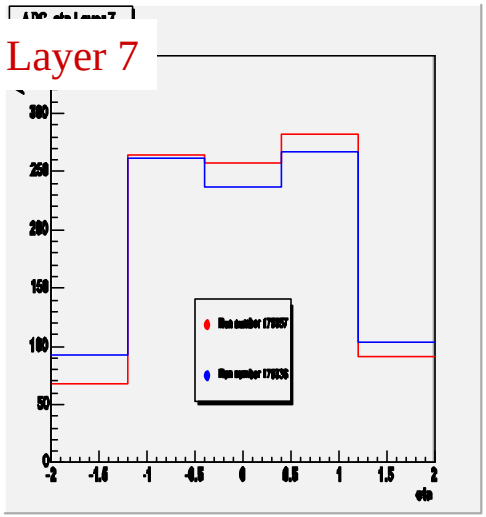


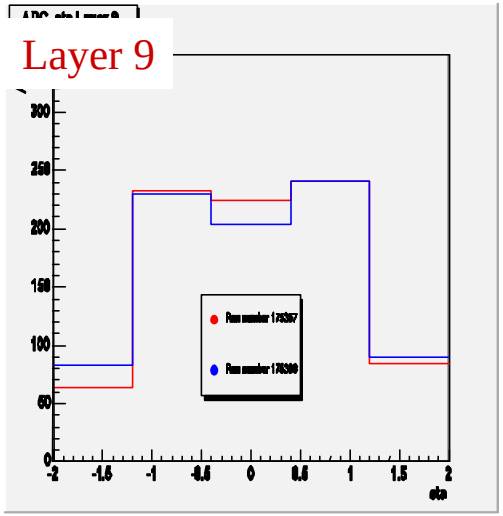
Layer 4

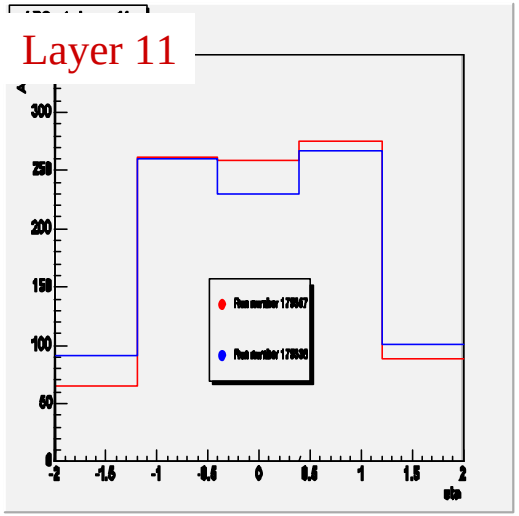
Tracks matched in eta (Axial)

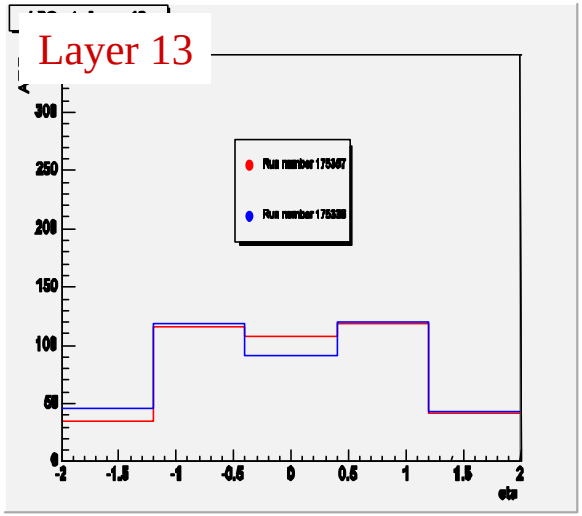




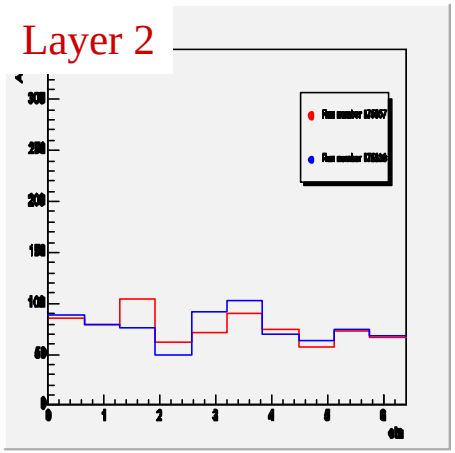


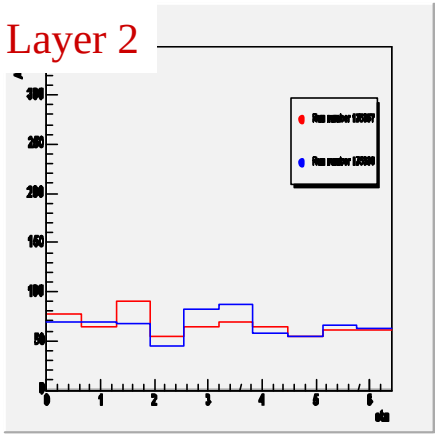


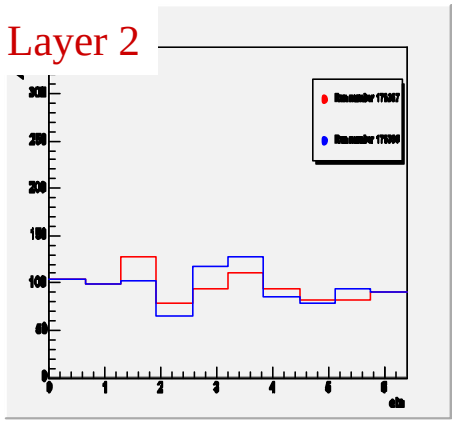


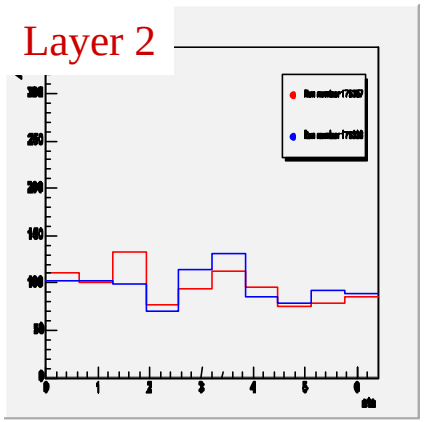


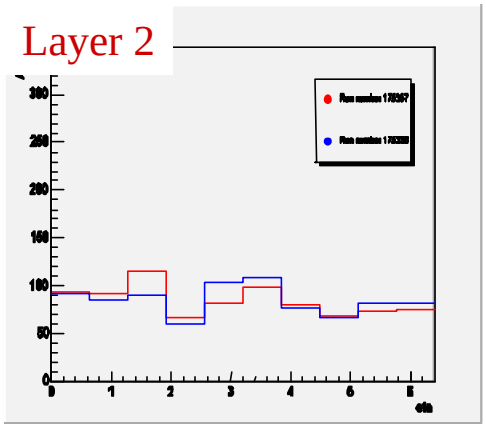
Tracks matched in phi (Axial)

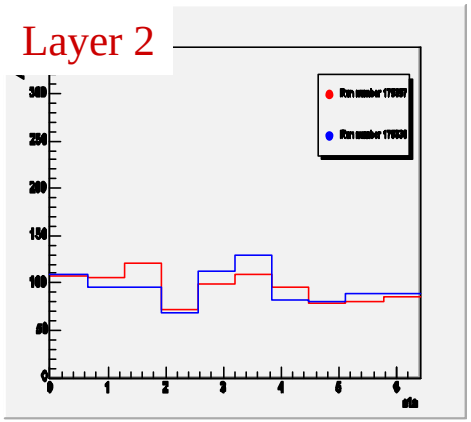


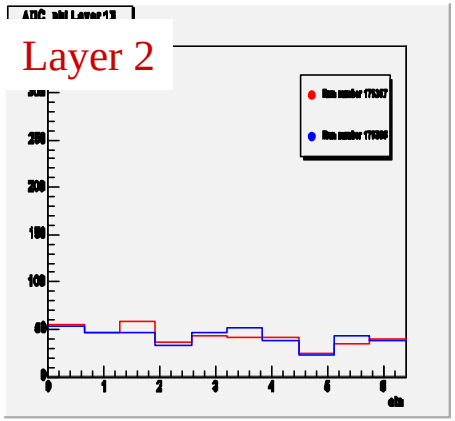




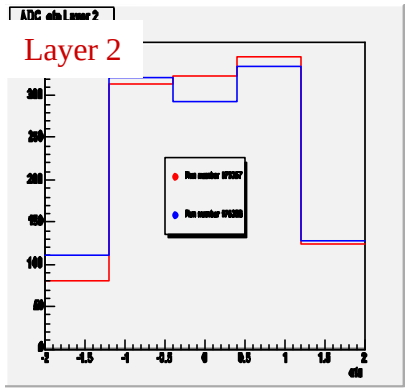


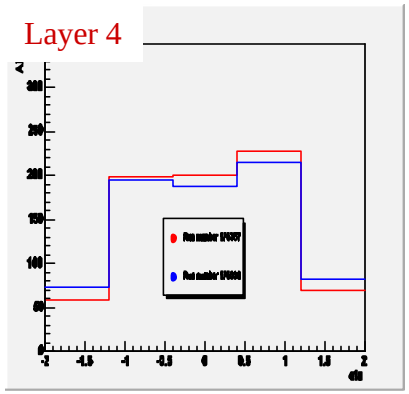


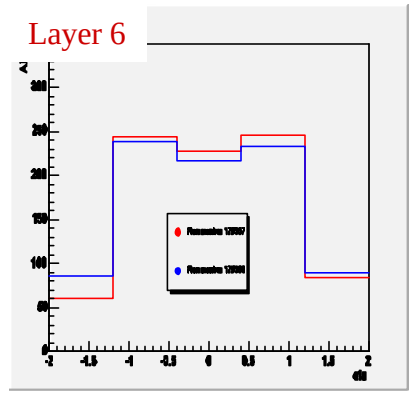


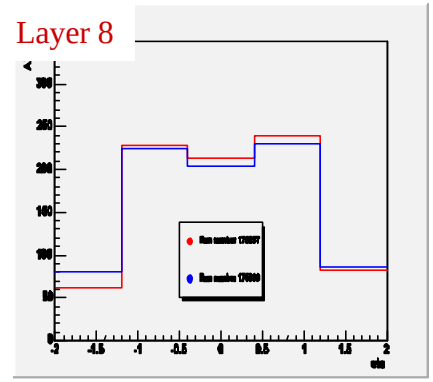


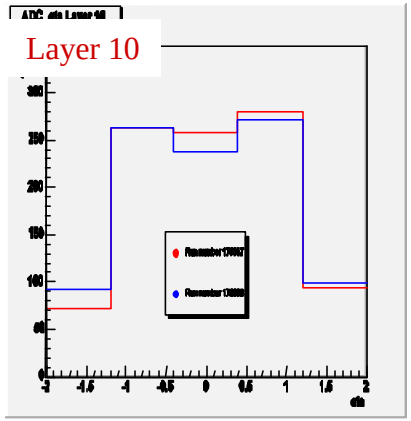
Tracks matched in eta (Stereo)

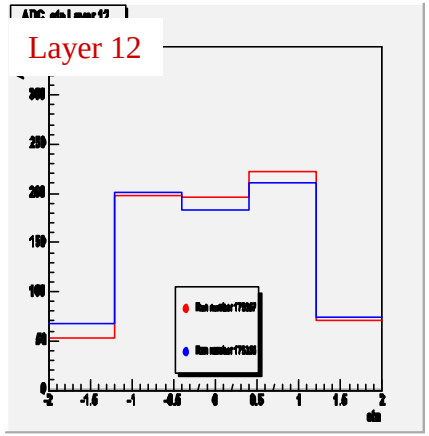


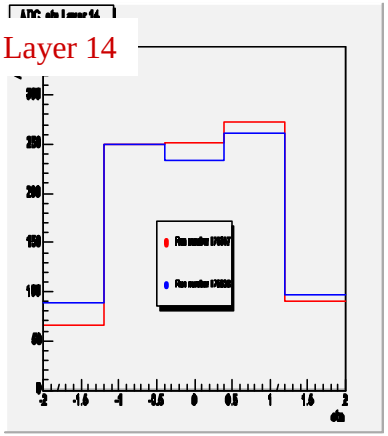




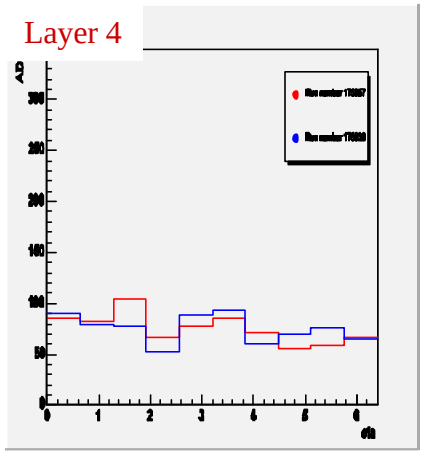


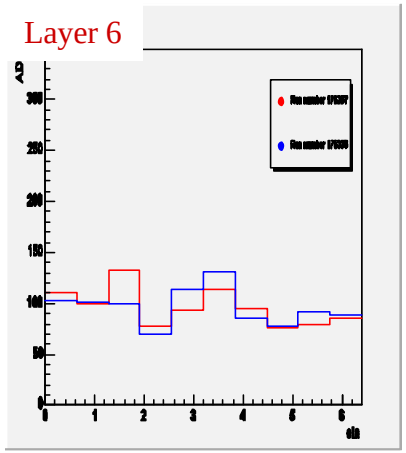


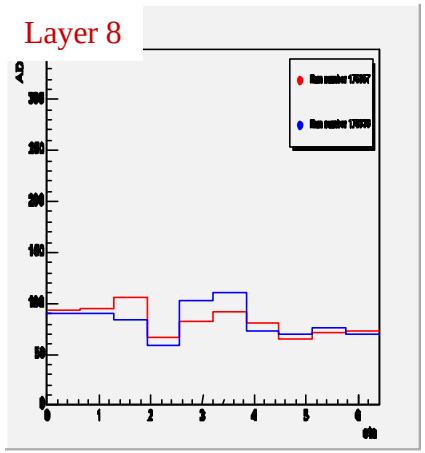


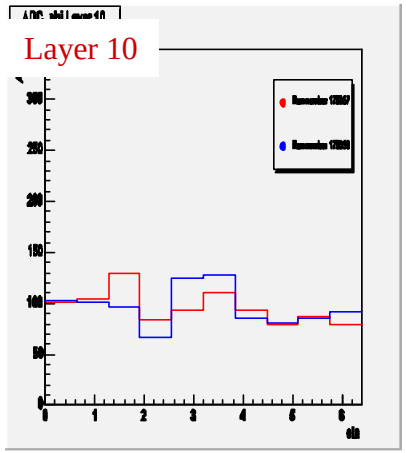


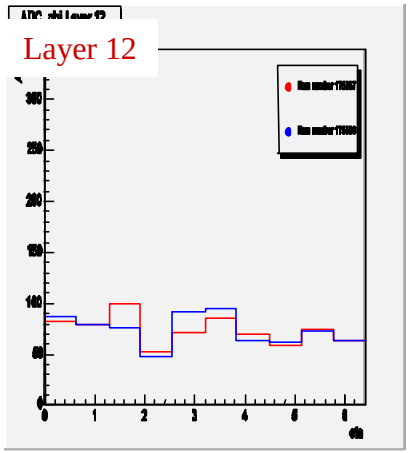
Tracks matched in phi (Stereo)

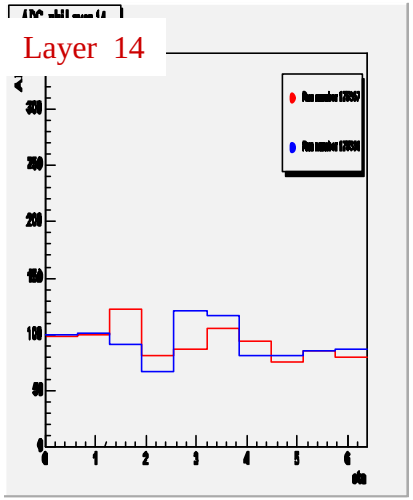




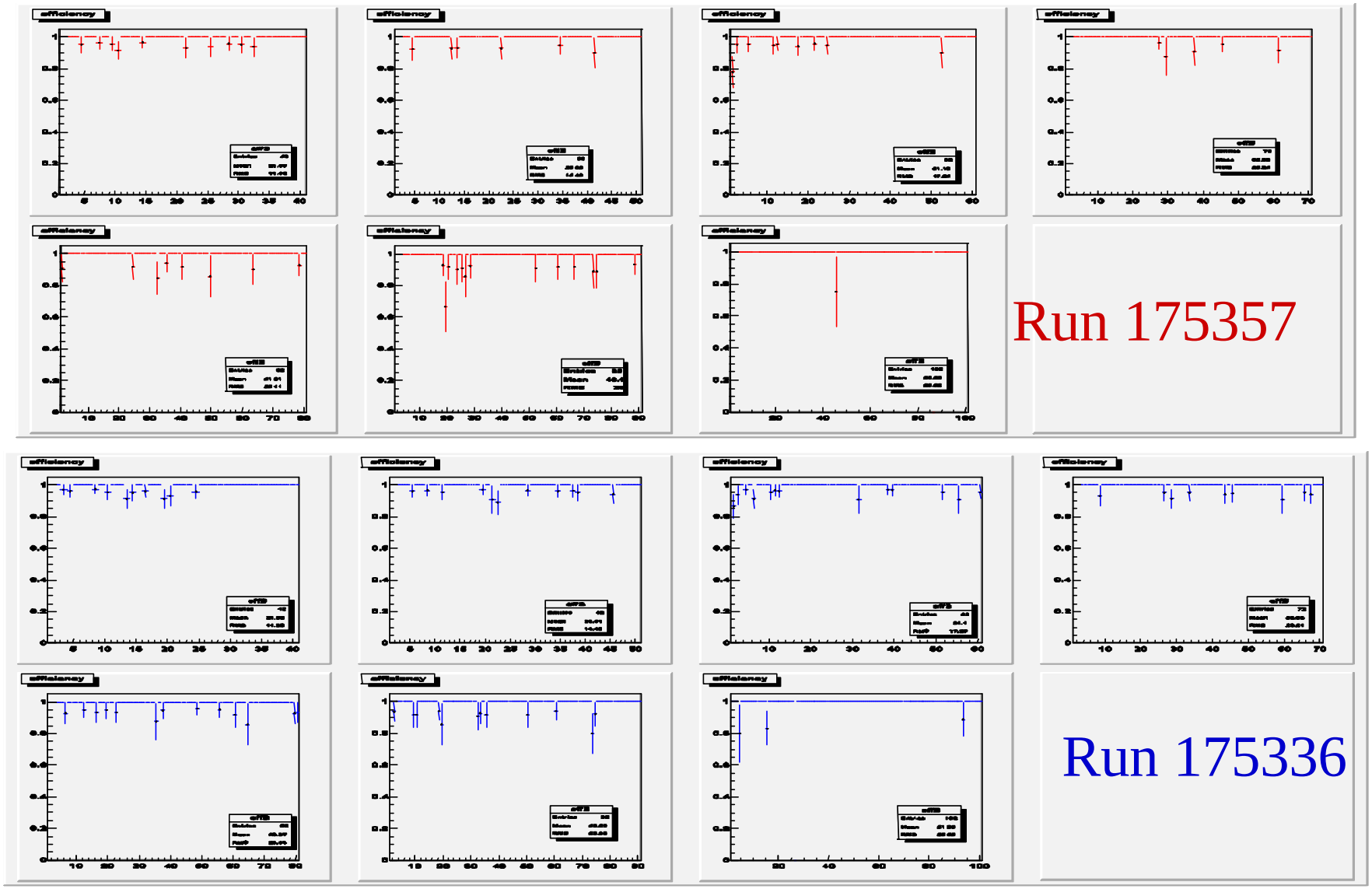




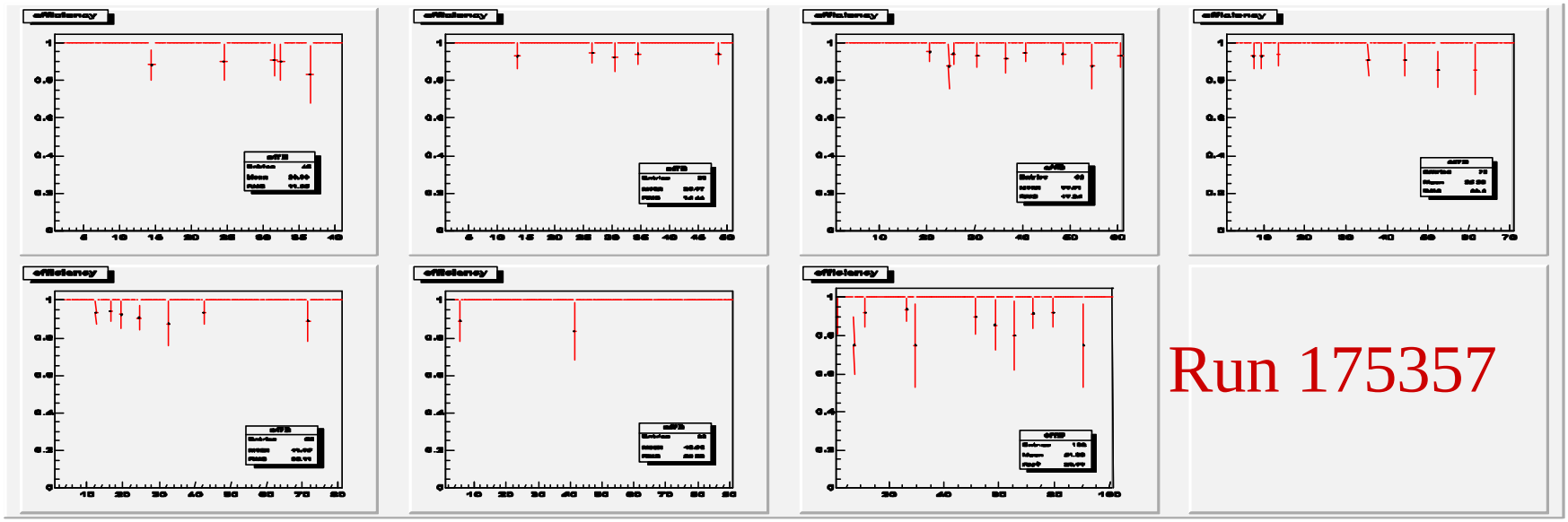


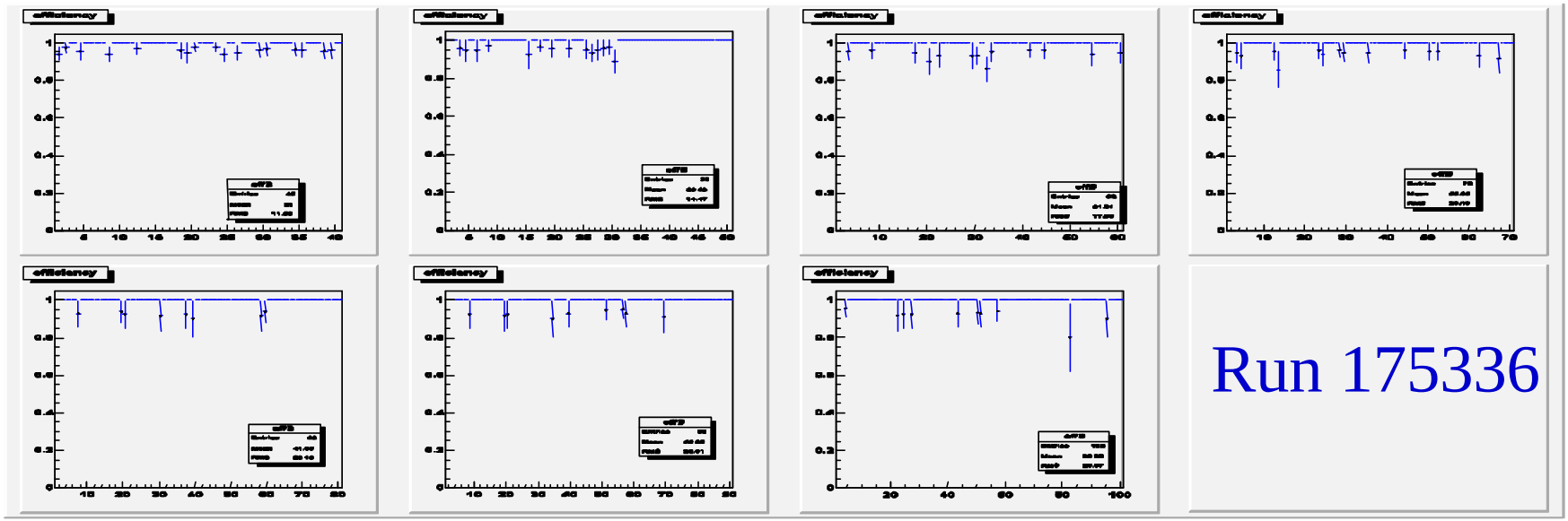
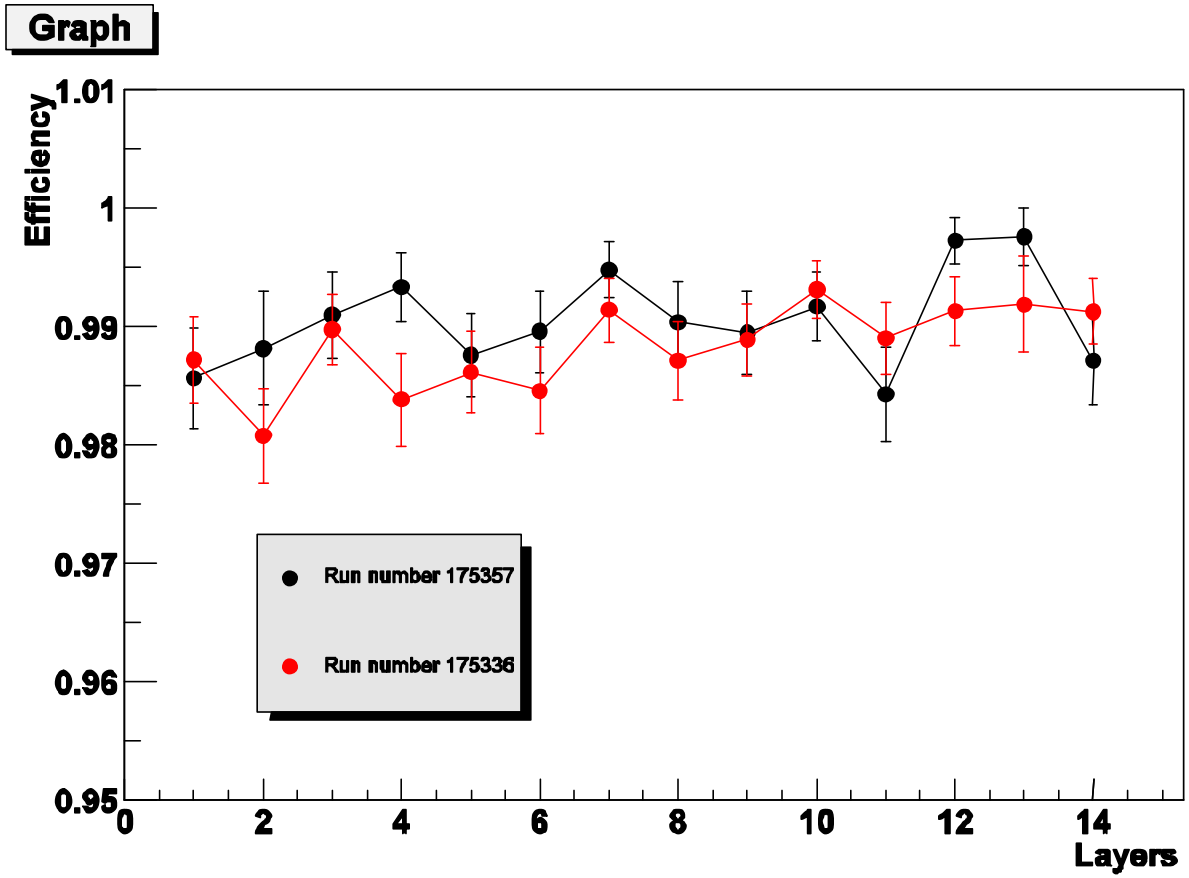


SVX (Axial)



SVX (Stereo)





Layer Efficiency