

Left Vs Right Edge Cal Energy Raw

Nicola Mazziotta

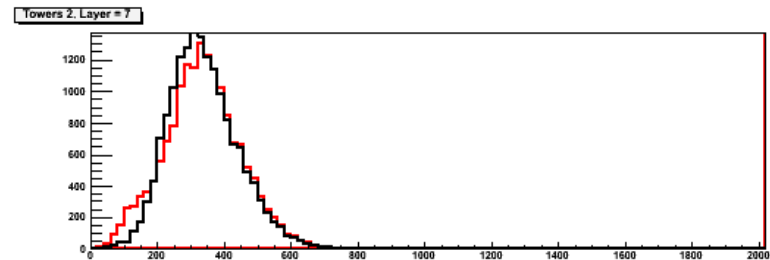
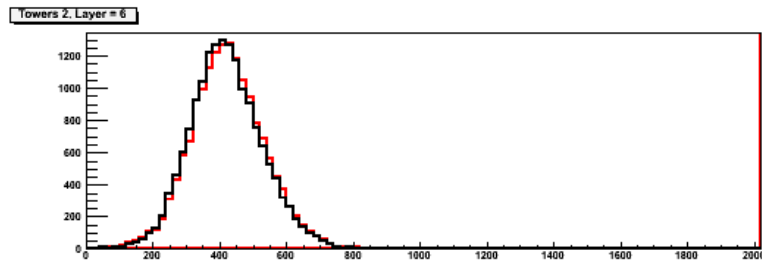
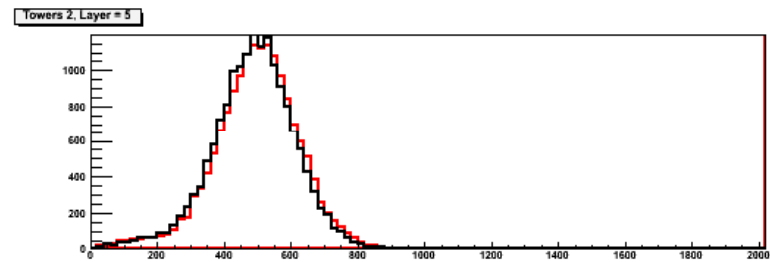
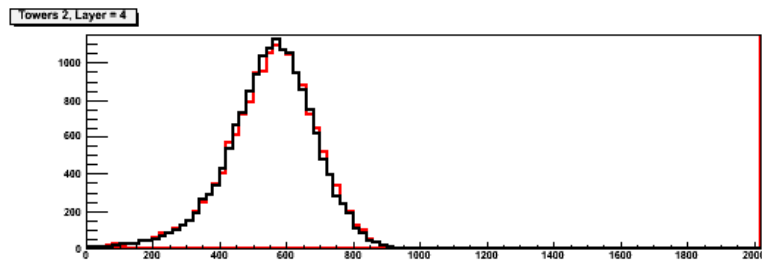
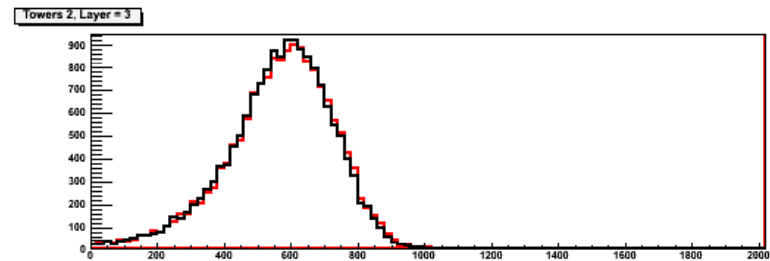
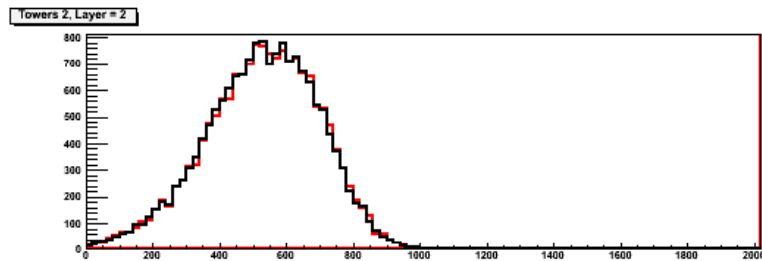
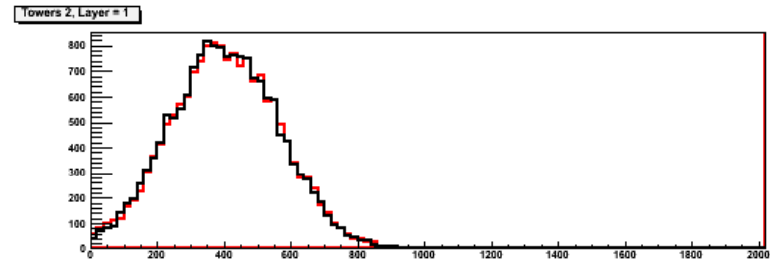
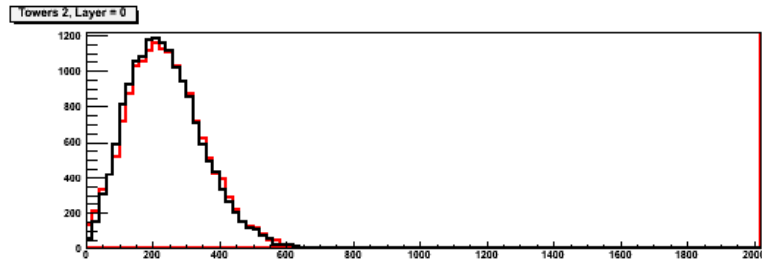
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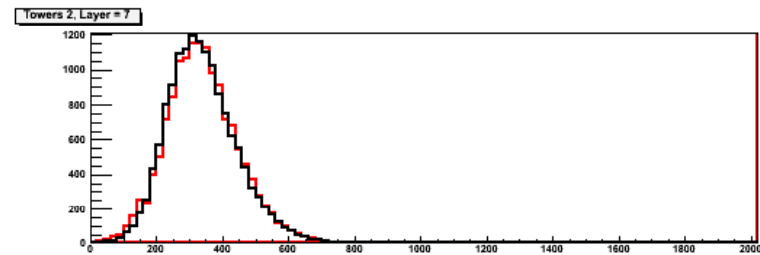
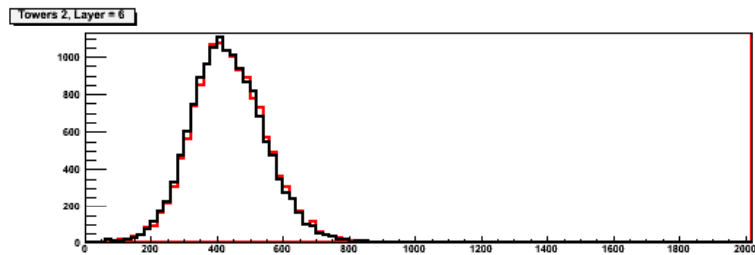
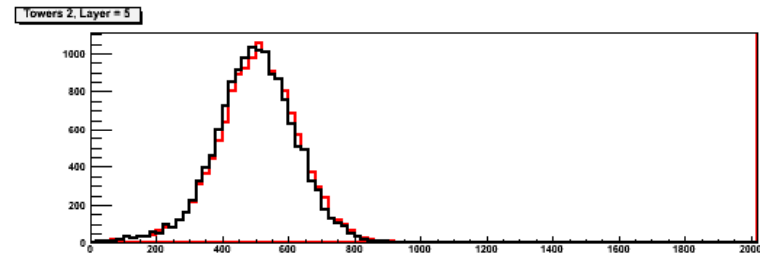
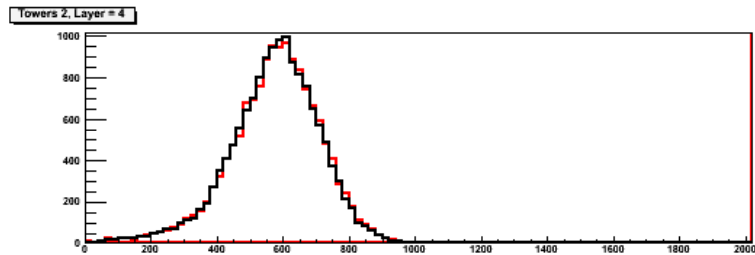
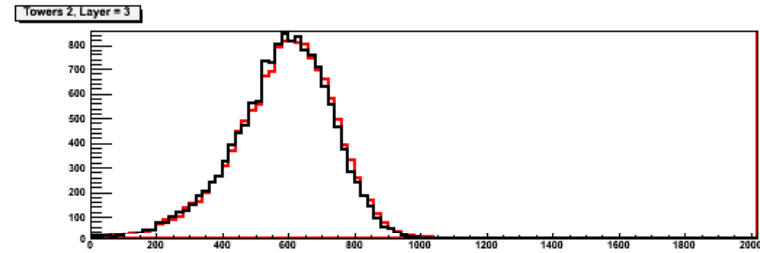
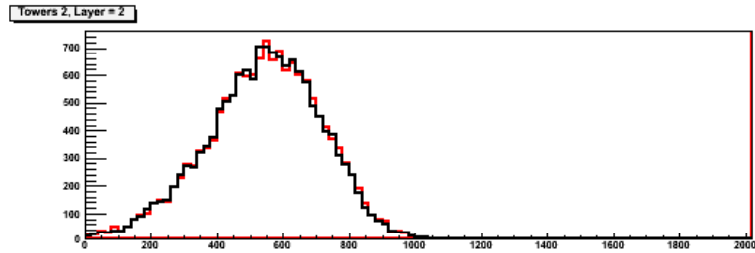
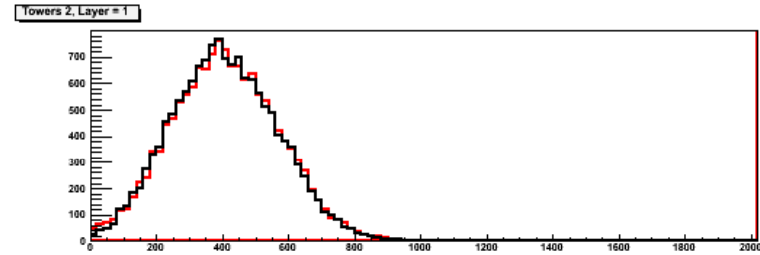
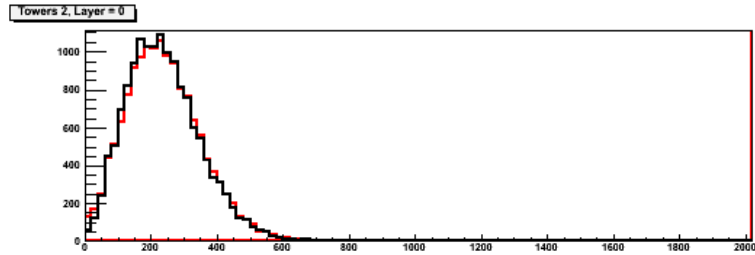
Introduction

- The Left/Right edge Cal energy raw has been studied using the CalTuple root files for the electron runs as function of beam incidence angle
 - Standard electron cuts (at least one Tkr track, no hadron, no double electron)
 - The Best range has been used
- In the plots:
 - Black line: Left Edge
 - Red line: Right Edge

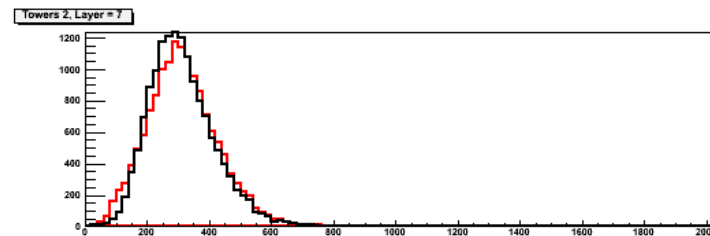
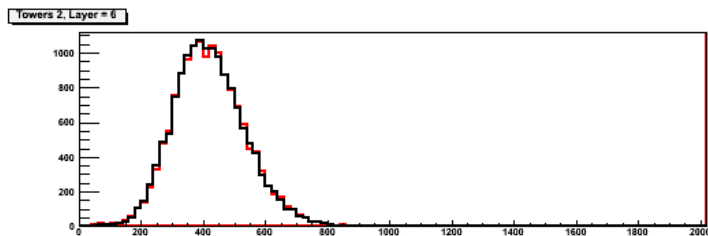
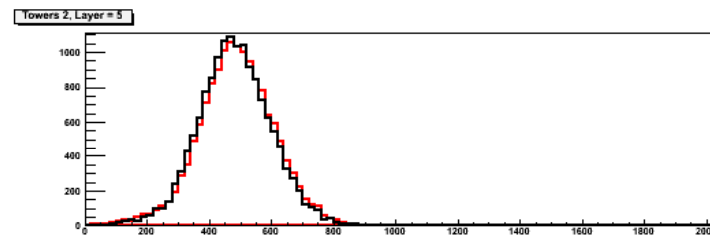
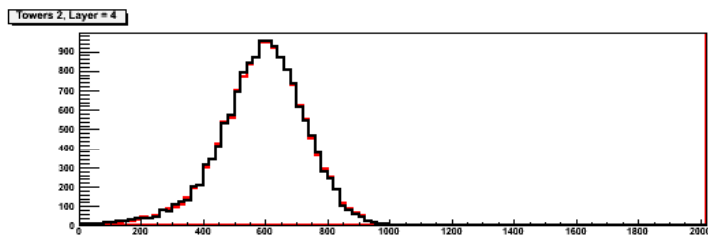
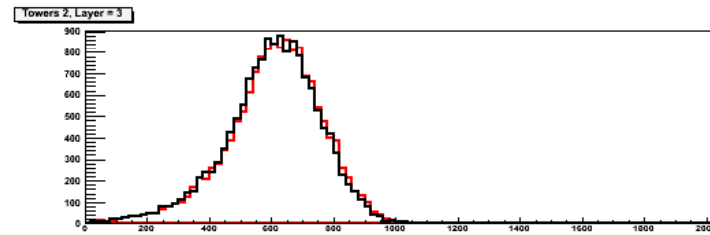
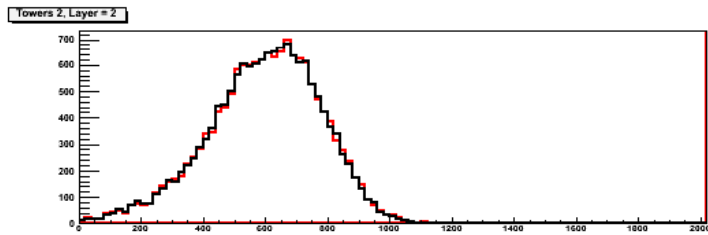
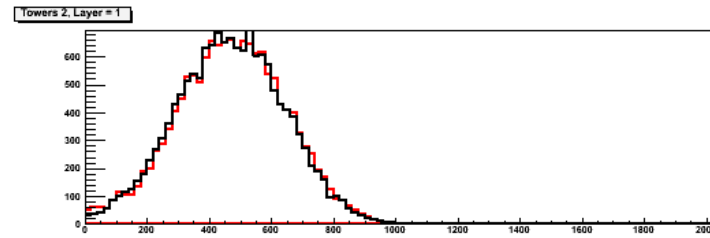
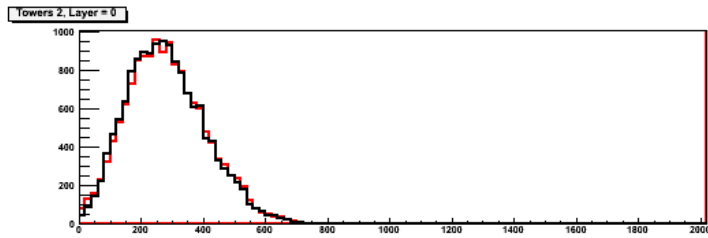
5 GeV/c, 0 deg – Tower 2



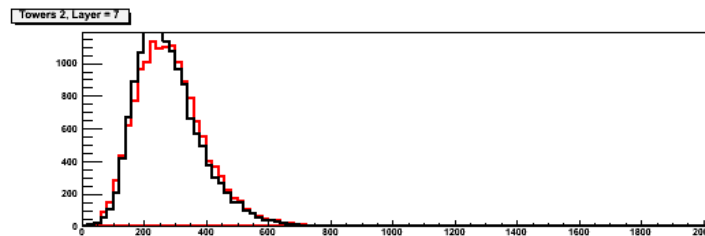
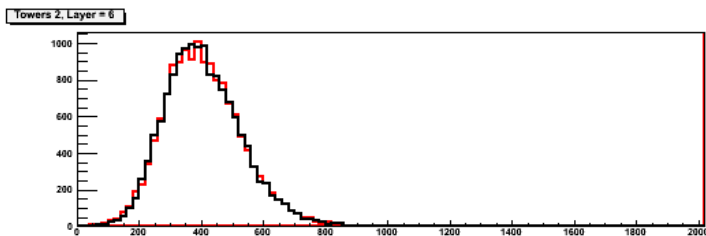
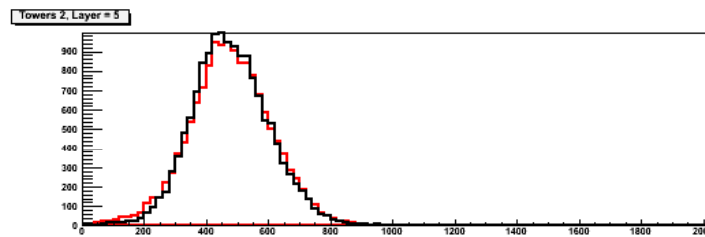
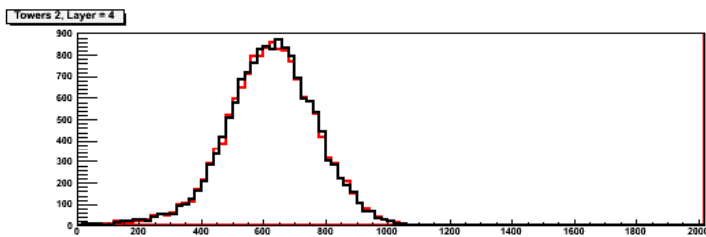
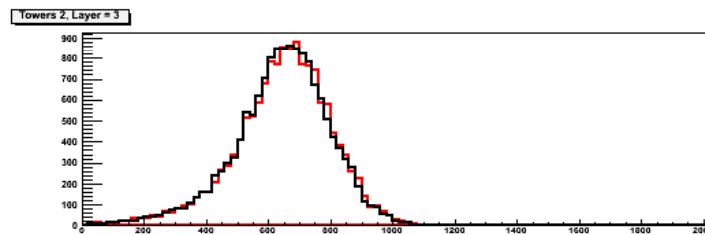
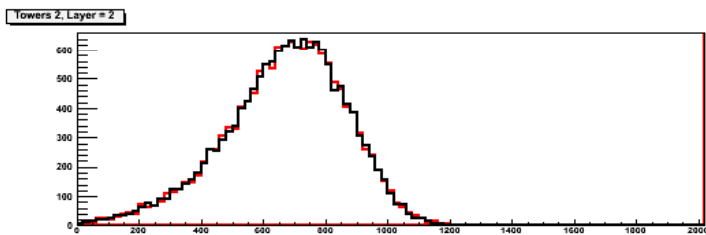
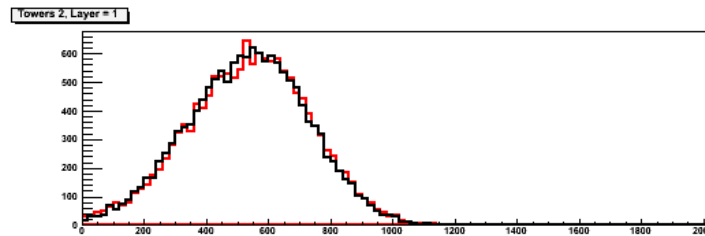
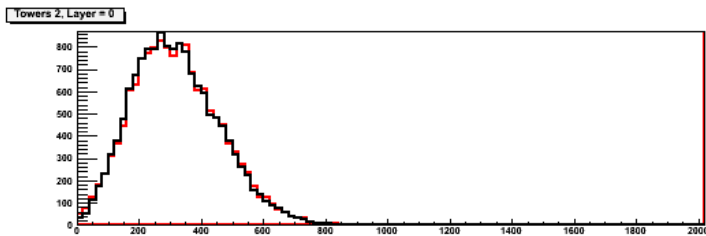
5 GeV/c, 10 deg – Tower 2



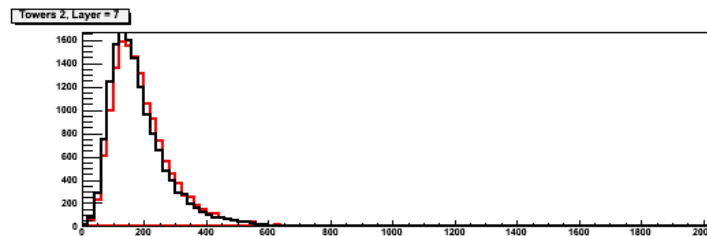
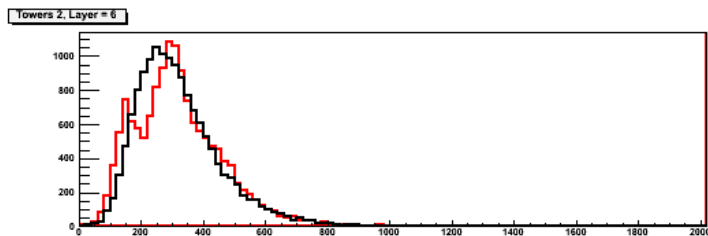
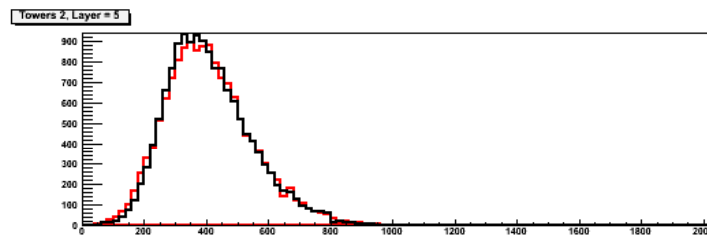
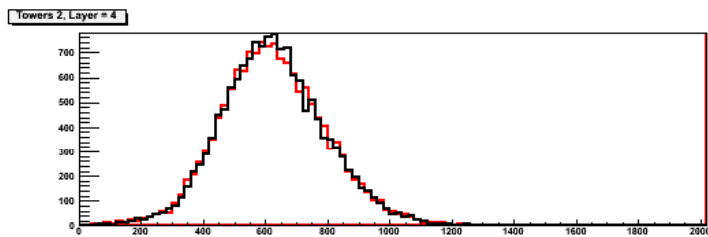
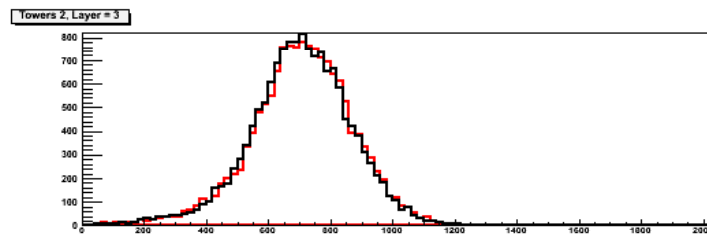
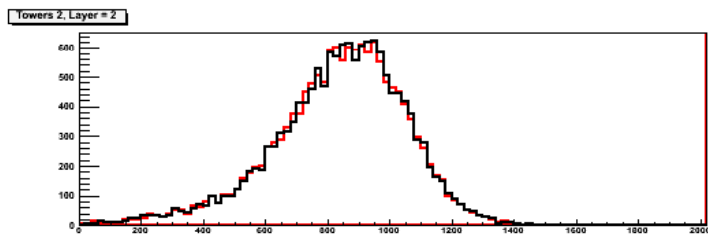
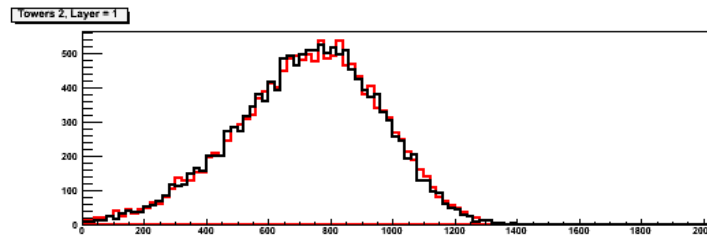
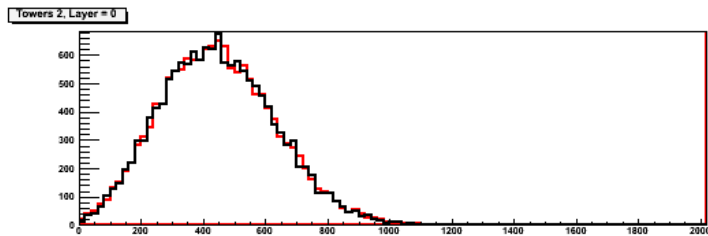
5 GeV/c, 20 deg – Tower 2



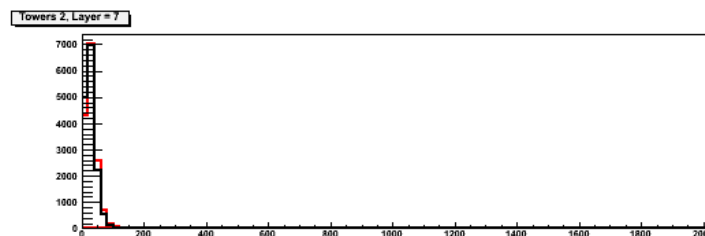
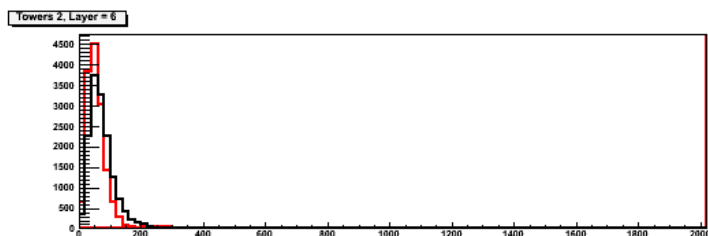
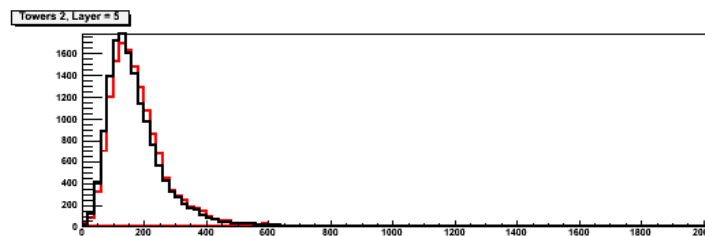
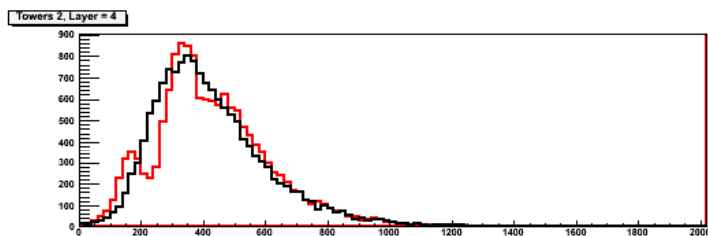
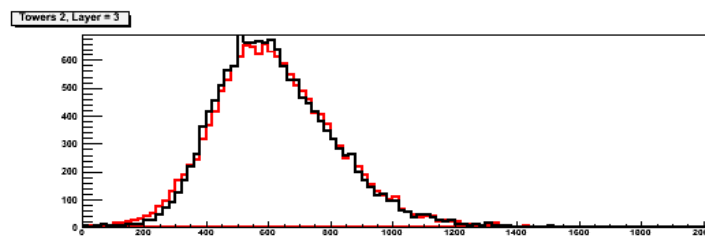
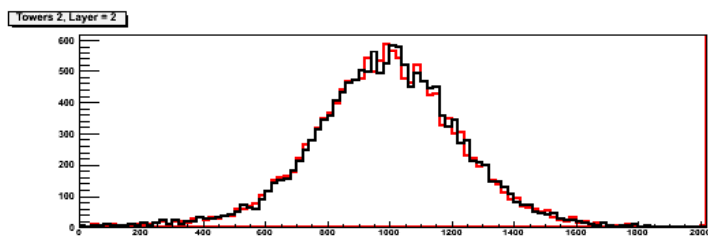
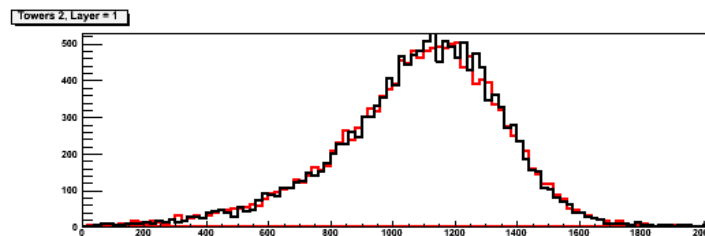
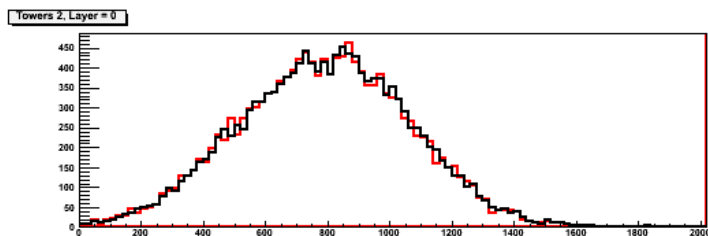
5 GeV/c, 30 deg – Tower 2



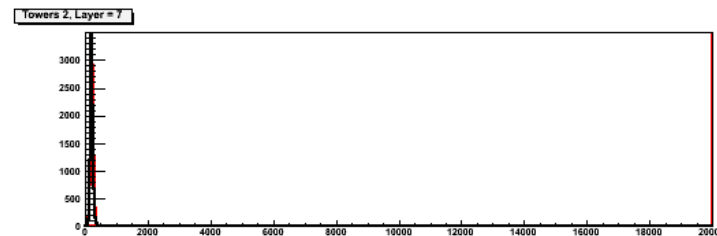
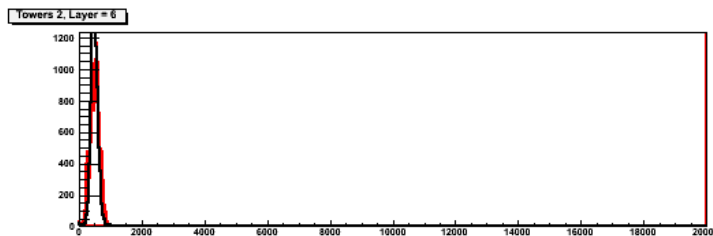
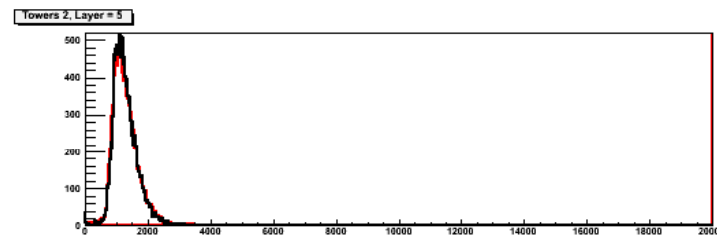
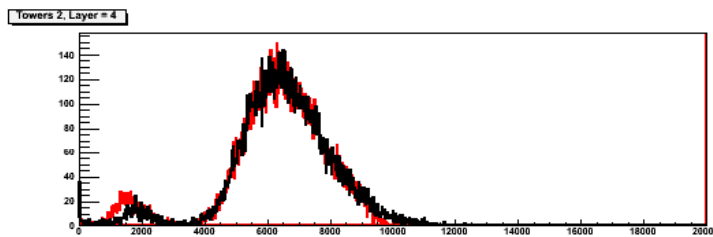
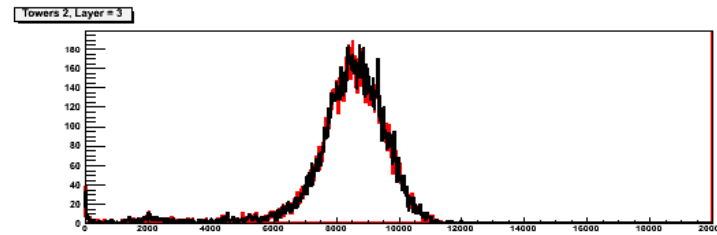
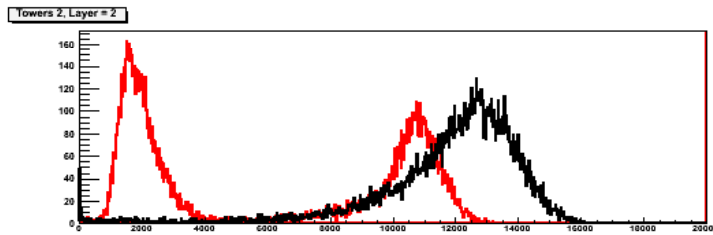
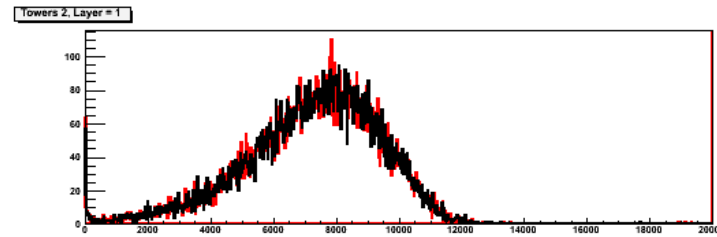
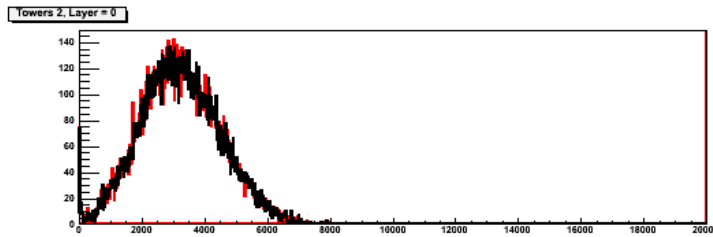
5 GeV/c, 45 deg – Tower 2



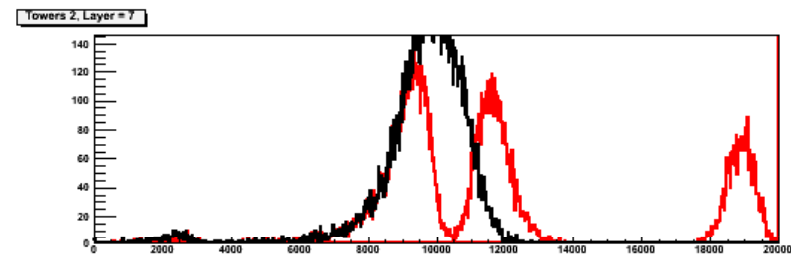
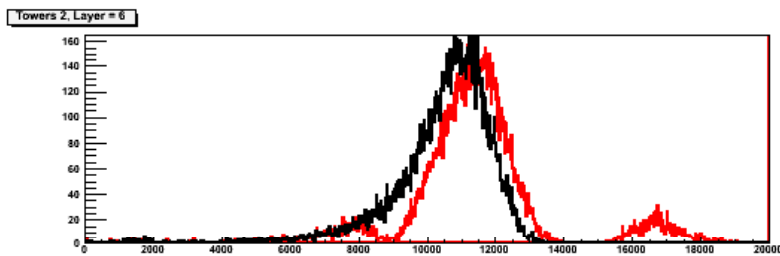
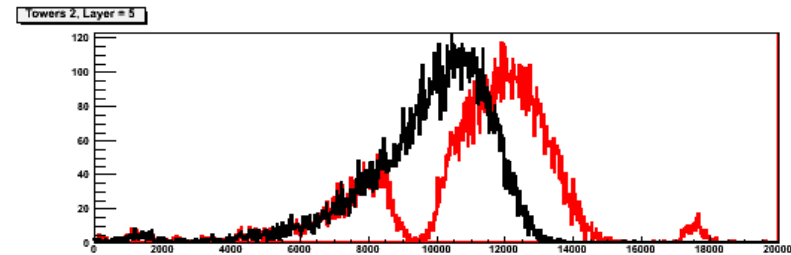
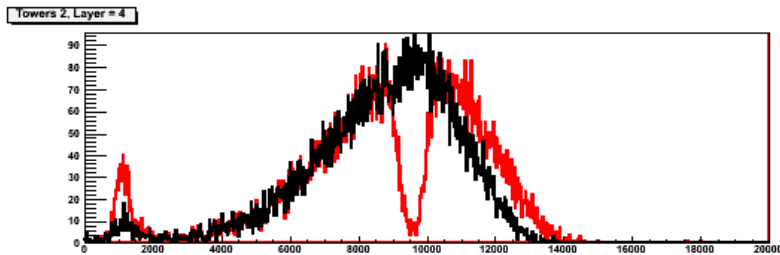
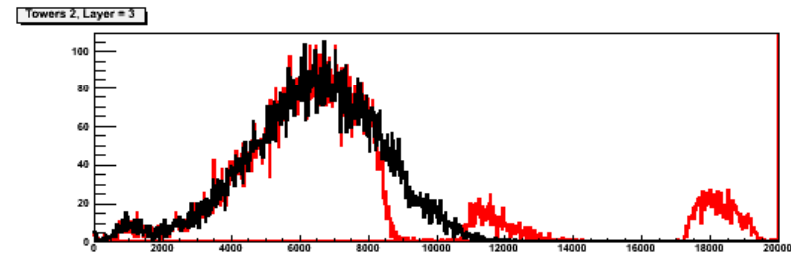
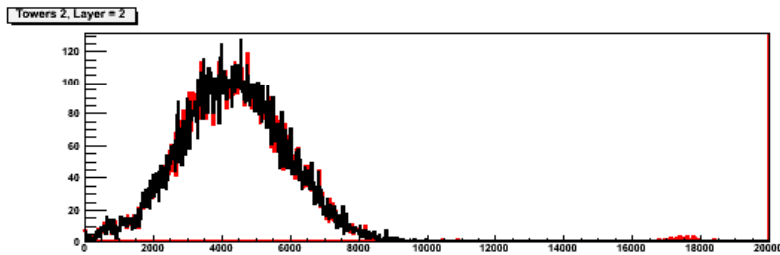
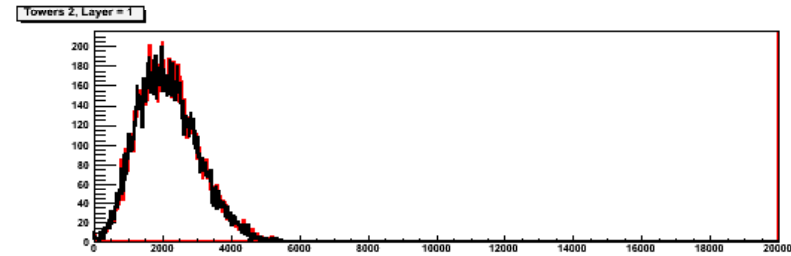
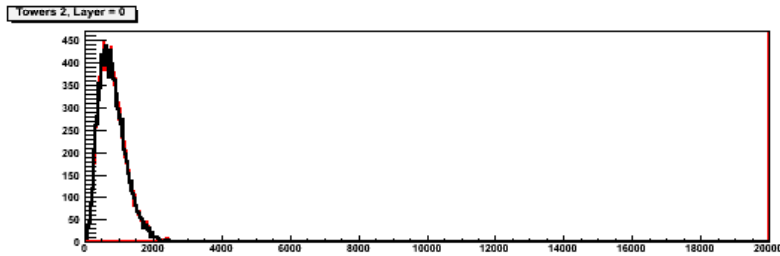
5 GeV/c, 60 deg – Tower 2



50 GeV/c, 60 deg (run 2064) – Tower 2



100 GeV/c, 0 deg (run 1980) – Tower 2



Conclusions

- The Left/Right Edge Cal energy raw comparison at layer level has been studied
- I have almost completed the analysis for all runs at 0, 10, 20, 30, 45 and 60
 - The comparison gets worse at high energy
- More news next time