

New Ntuple Variable: CalEdgeEnergy

Leon R.

C&A Meeting

12 December 2005

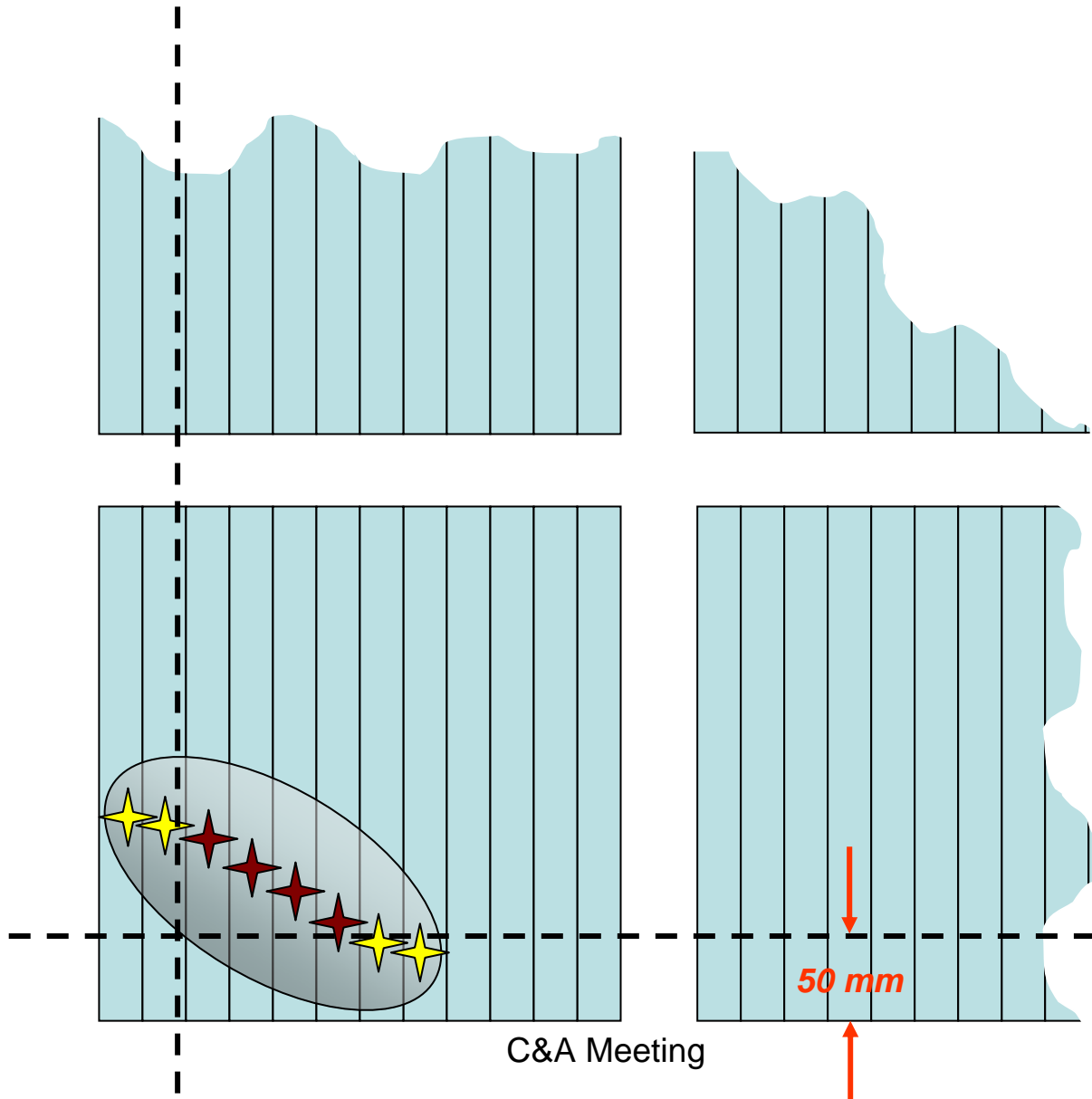
The Problem

The ACD is supposed to “seal” the LAT on 5 sides, but it doesn’t cover the CAL.

A Solution suggested by Bill

Count up the CAL energy deposited close to the edges of the LAT, in all the layers of the CAL.

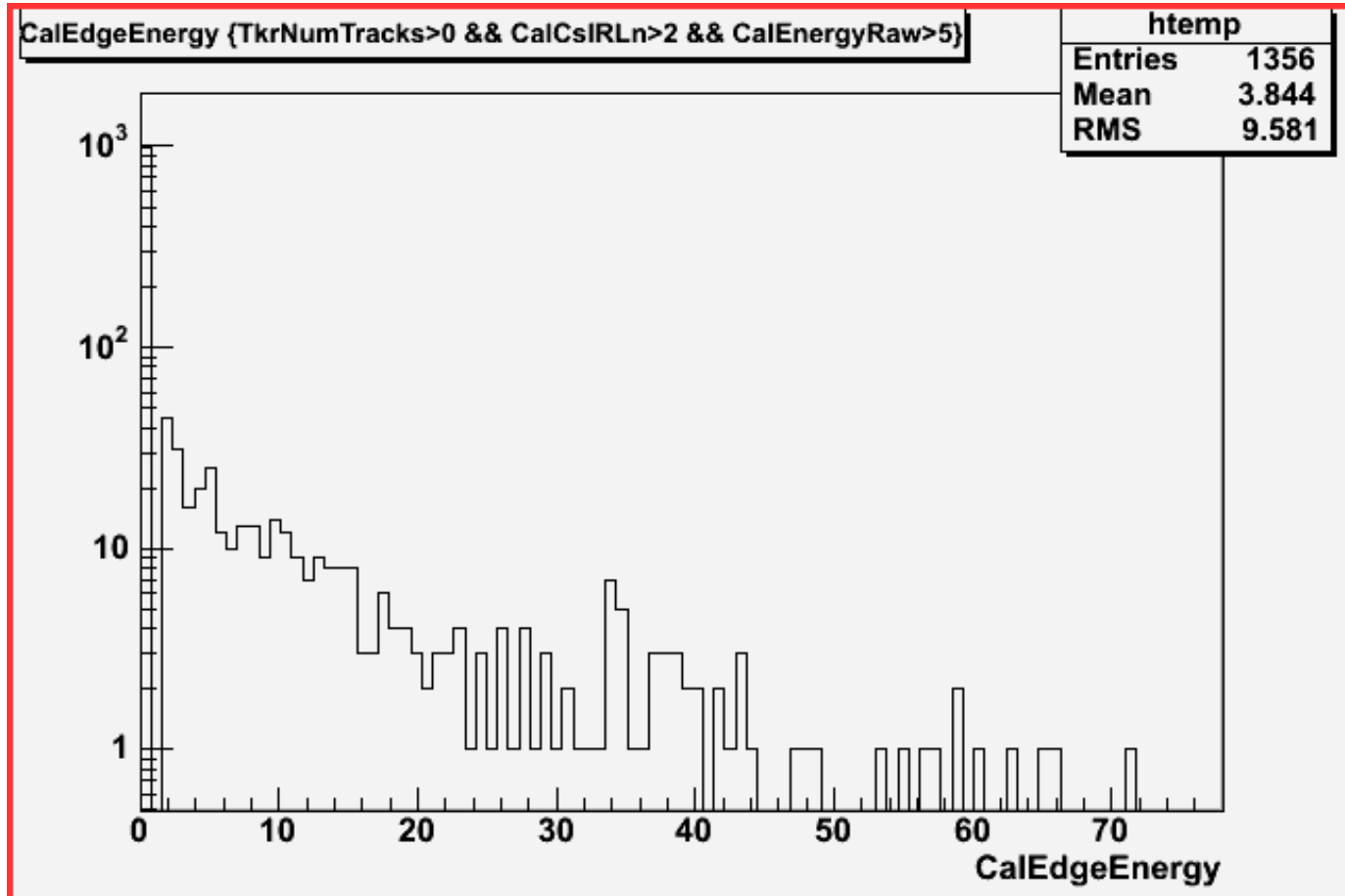
How it works



12-Dec-05

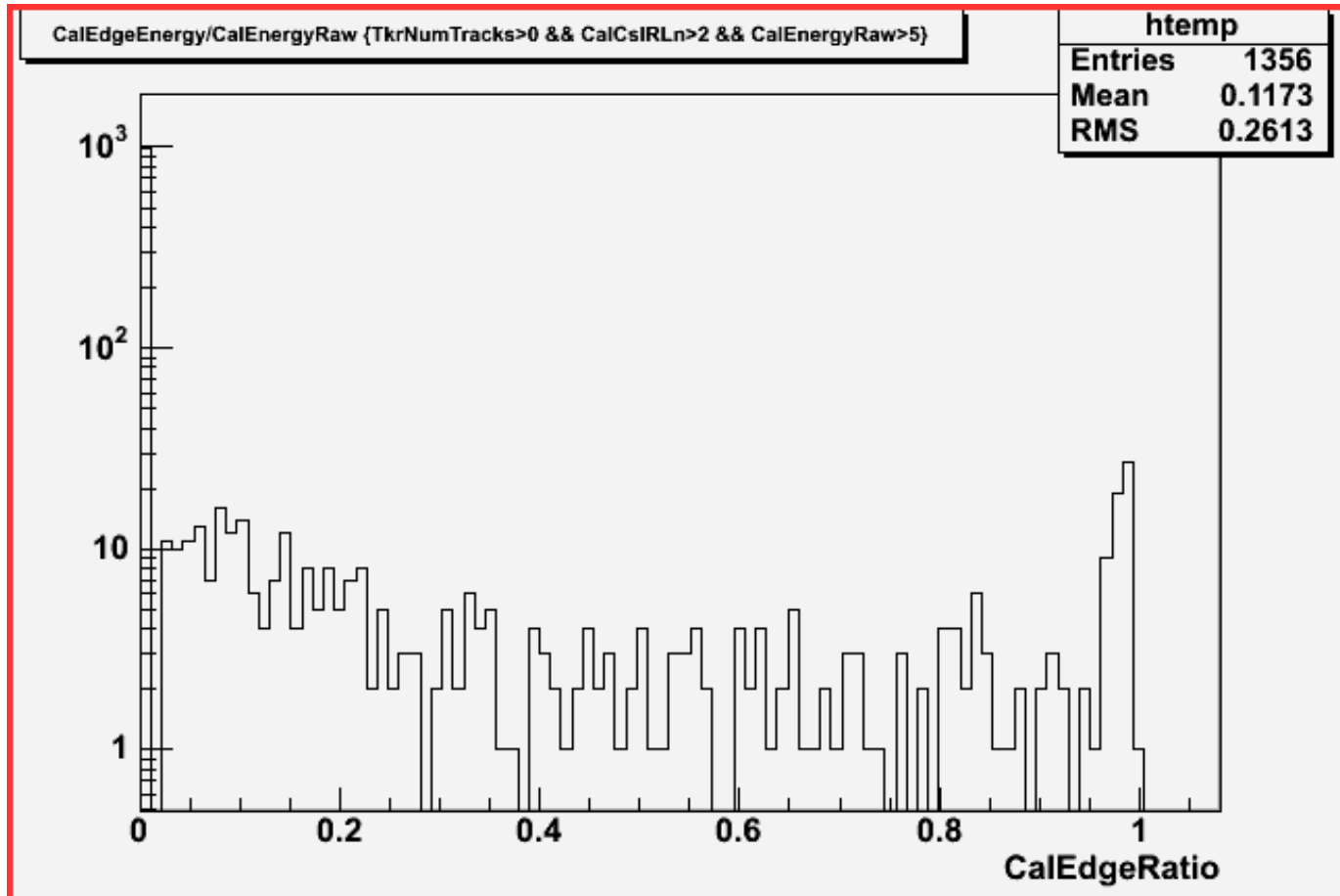
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CalEdgeEnergy



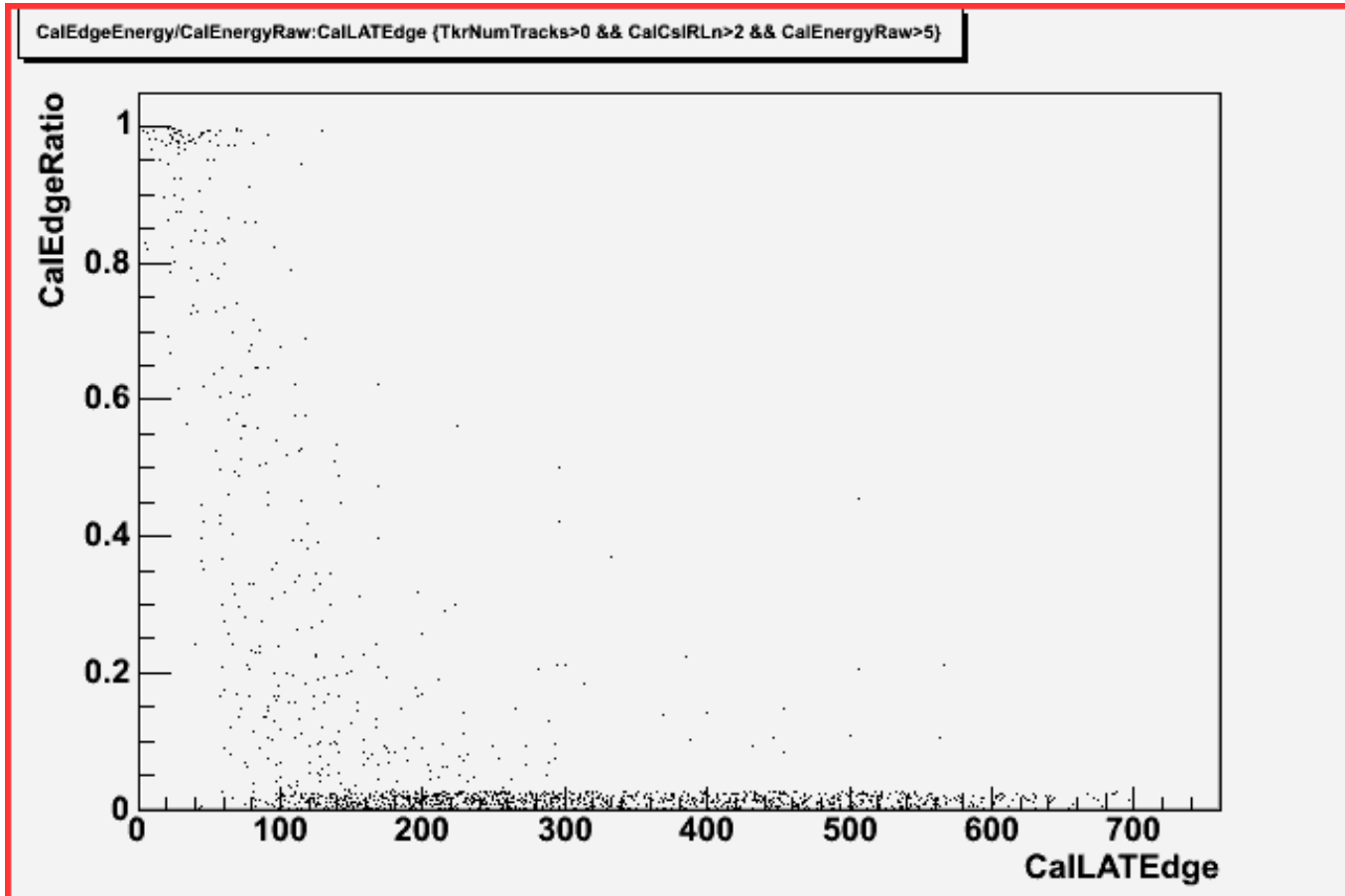
100-MeV Uniform Gammas

CalEdgeEnergy/CalEnergyRaw



100-MeV Uniform Gammas

CalEdgeRatio vs CalLATEdge



100-MeV Uniform Gammas