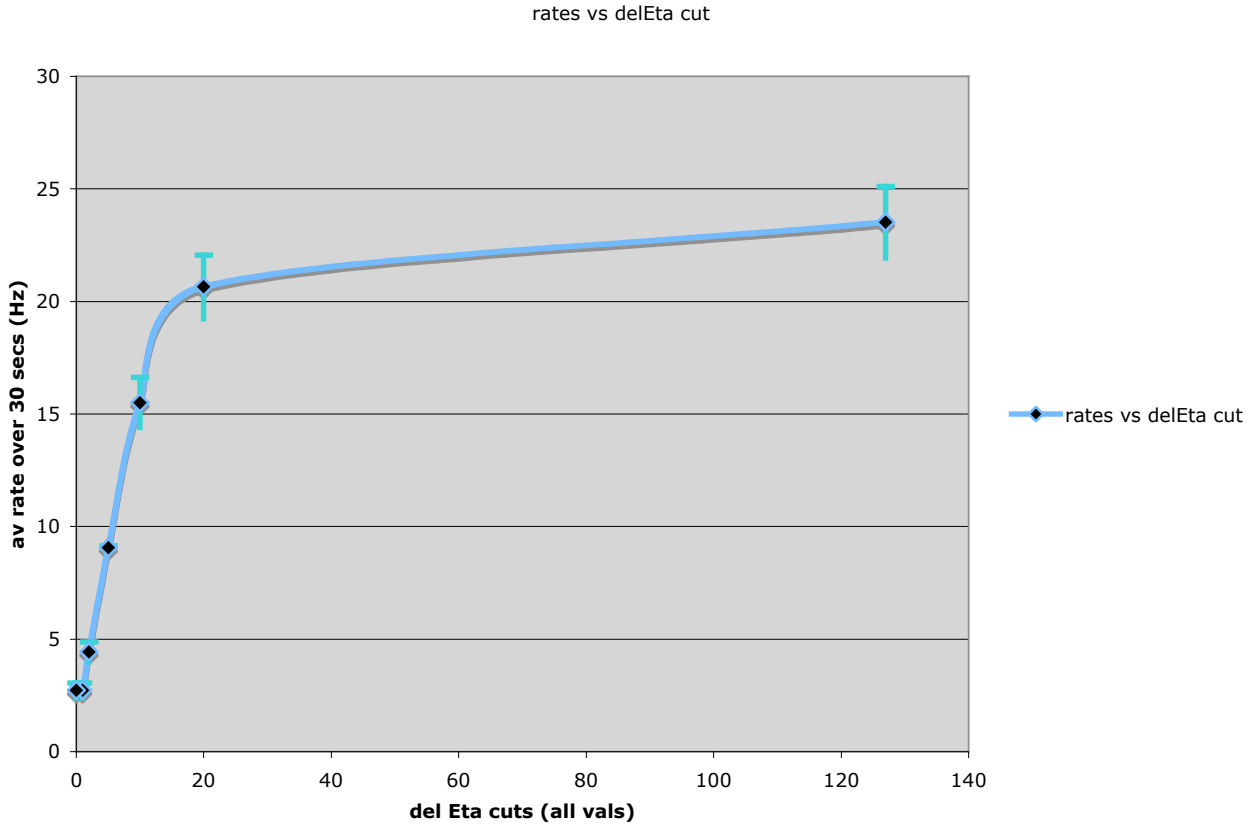


Basic Plots::

Plot below shows the average rate you would see over ~30 secs of running as a function of various eta-window cuts (same cut applied to all 6 extrapolations). Errors are sys (generator) + stat in quad to 1-sigma. eta-win values are 0,1,2,3,5,10,20,127



Note;

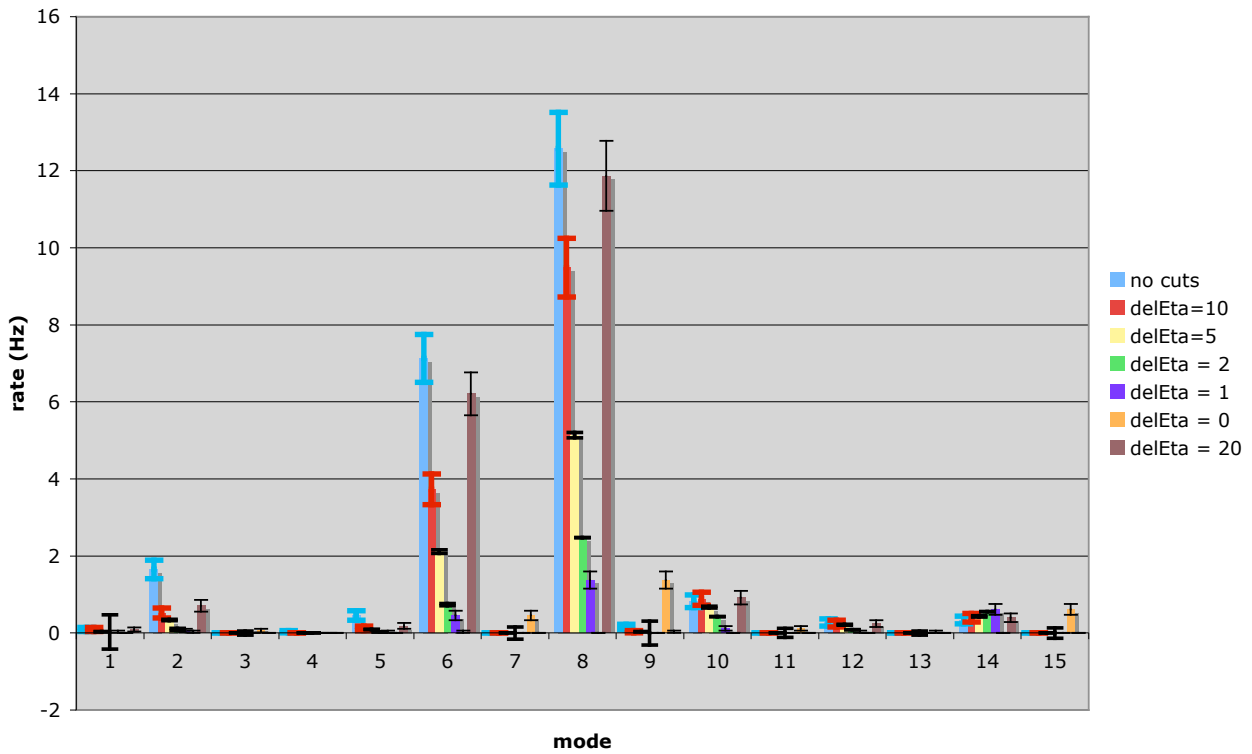
mode 2 = ME 1->2->3 or 1->2->3->4

mode 6 = ME 1->2

mode 8 = ME 2->3

Next plot below shows the average rate you would see over ~30 secs of running for the different track types. Different bars represent different values of the "EtaWindow" cut. It is evident that in the limit of very tight delta-eta cuts, actually some track types are more frequent since before track had preferentially been triggered as a different type.

Av 30 sec rate vs track type

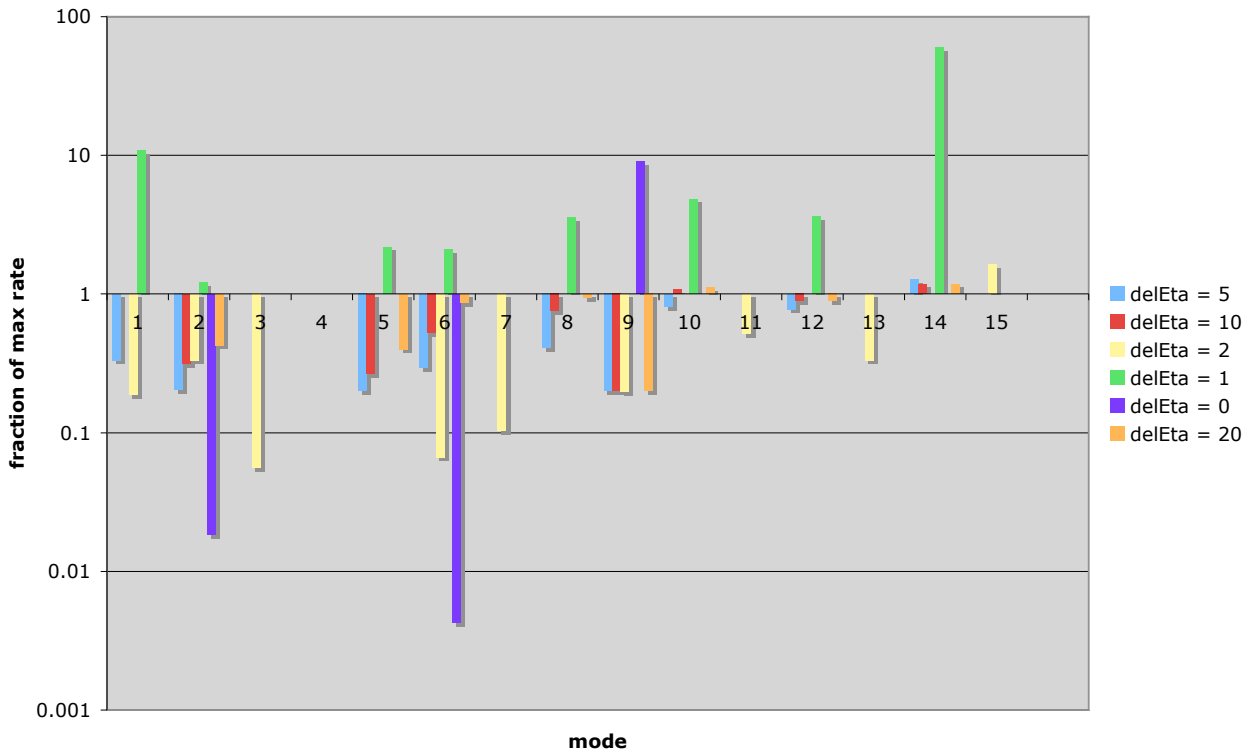


Errors are sys (generator) + stat in quad.

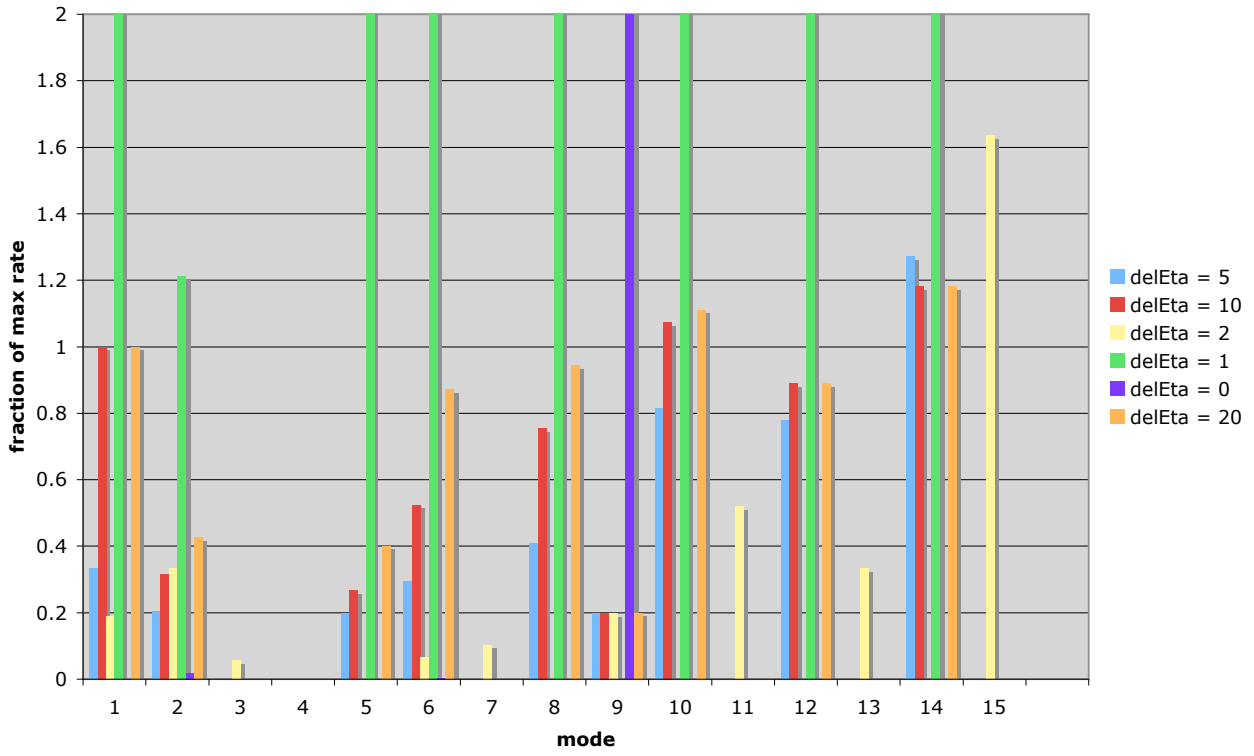
Next two plots show the fraction of events for each track type compared to the open windows value. (eg if i see 10 events for this value of delta eta for a given track type and 100 events for for the same track type with no eta window cut then i enter 0.1.)

First plot is log y scale, second is linear with max 2.0

fraction of no cut value

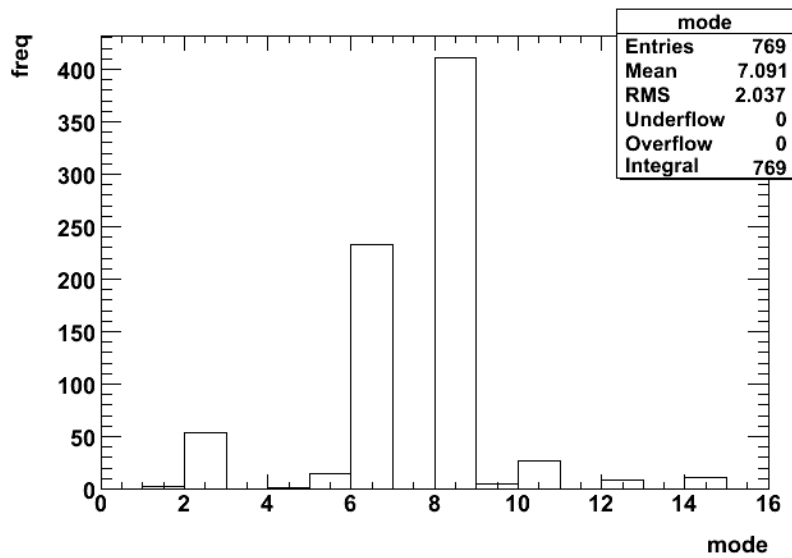
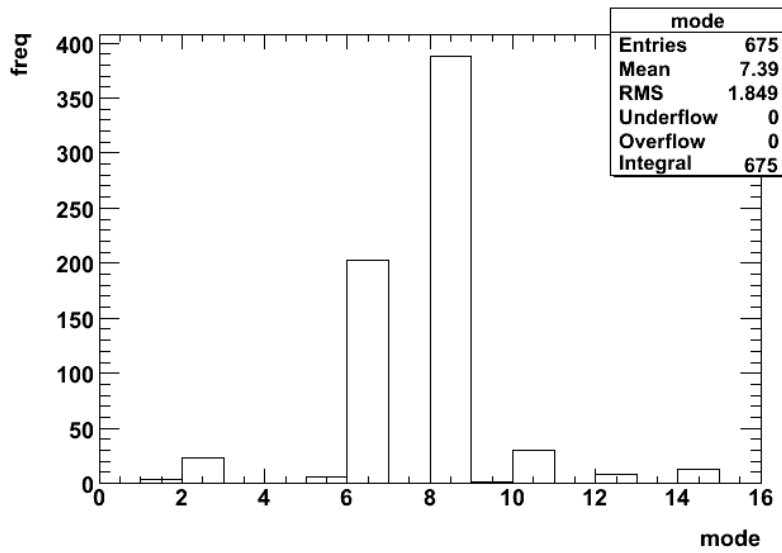
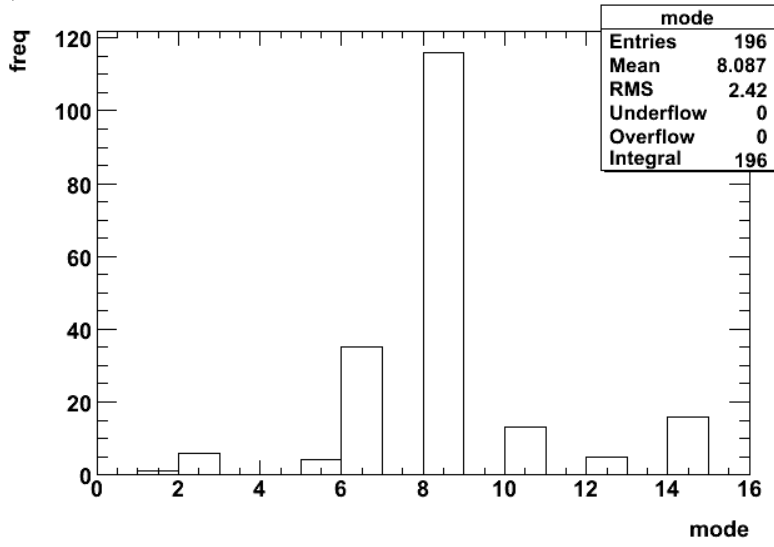


fraction of no cut value

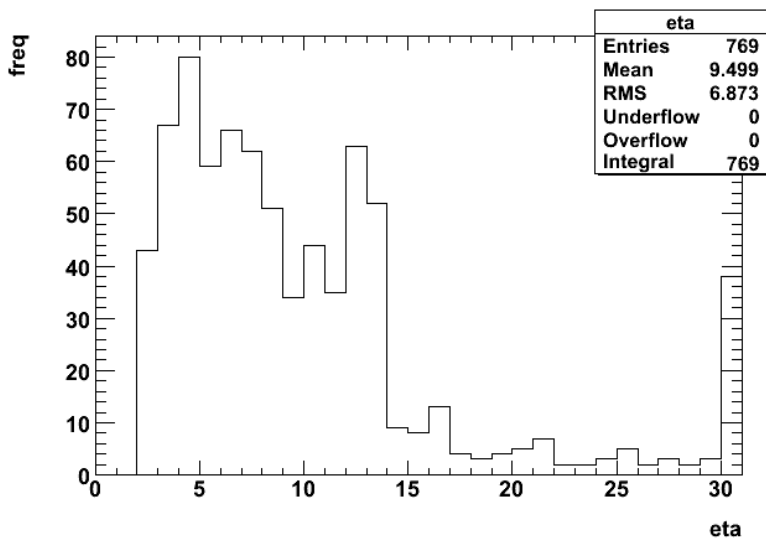
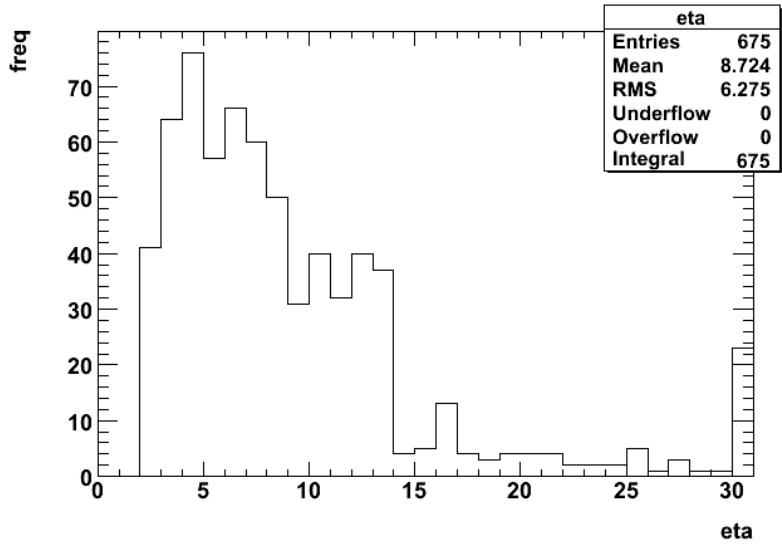
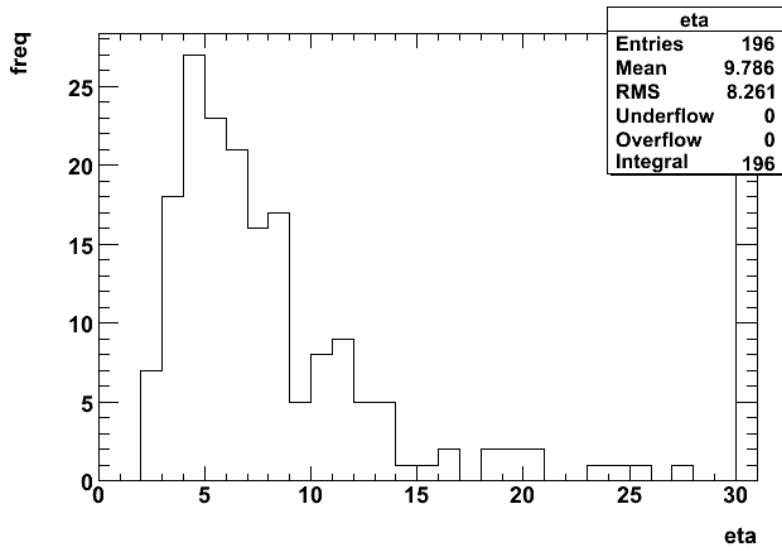


What follow are some basic plots for 'delta-eta' cut values 3, 20, 127(open)

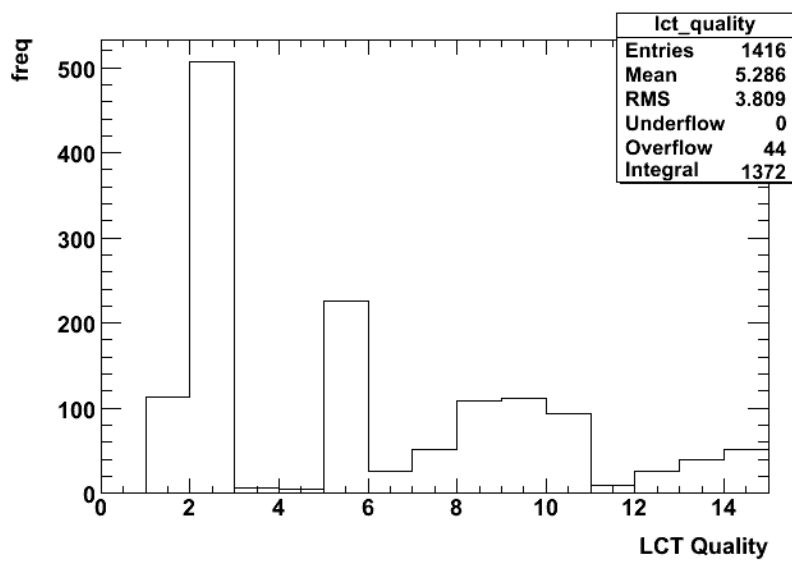
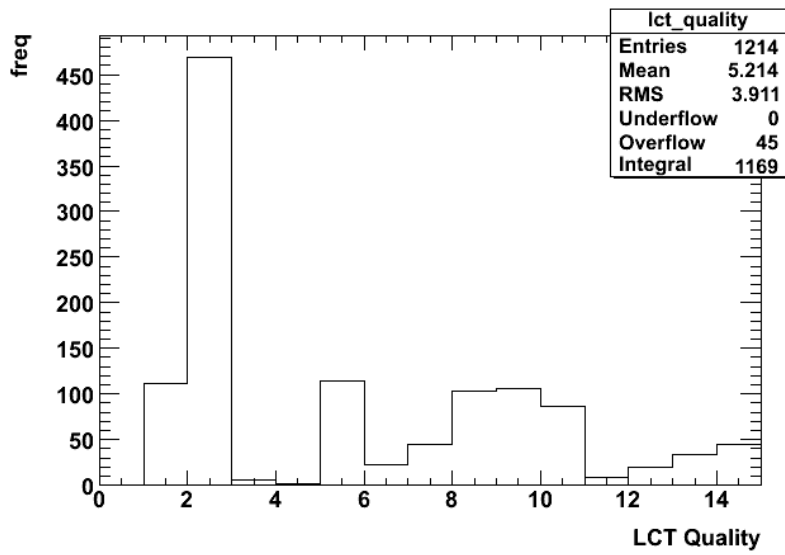
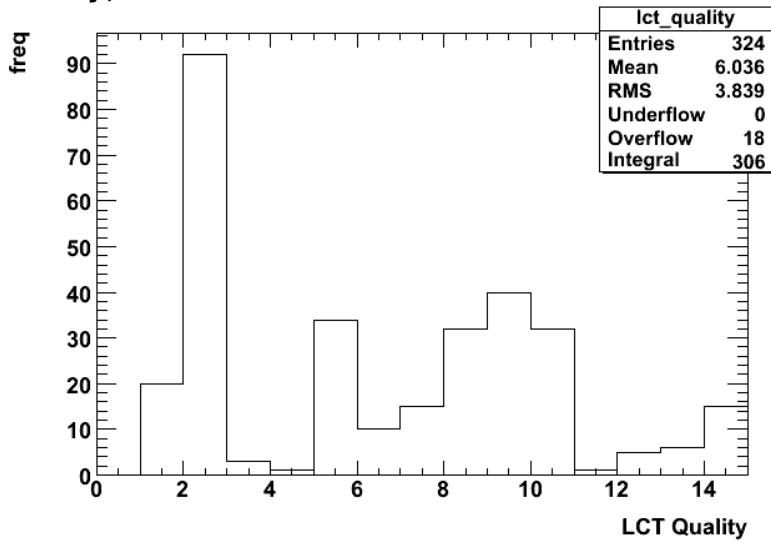
Mode;



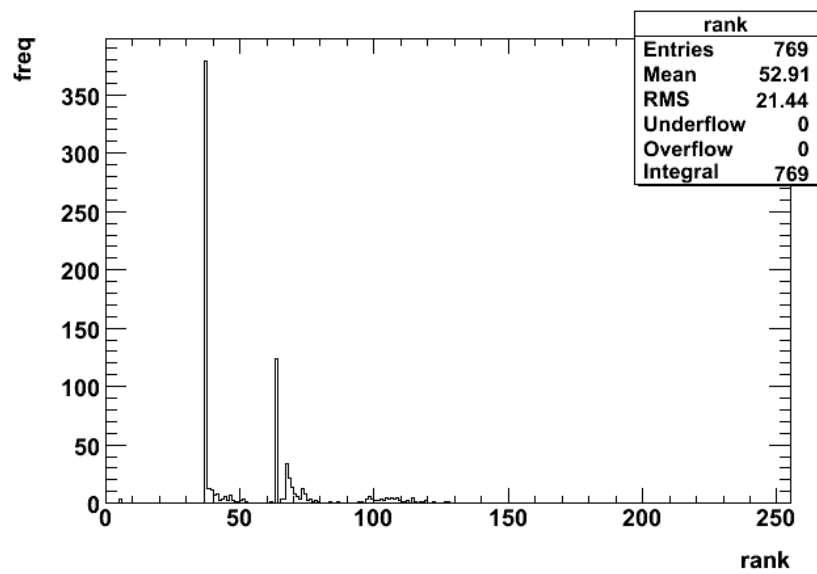
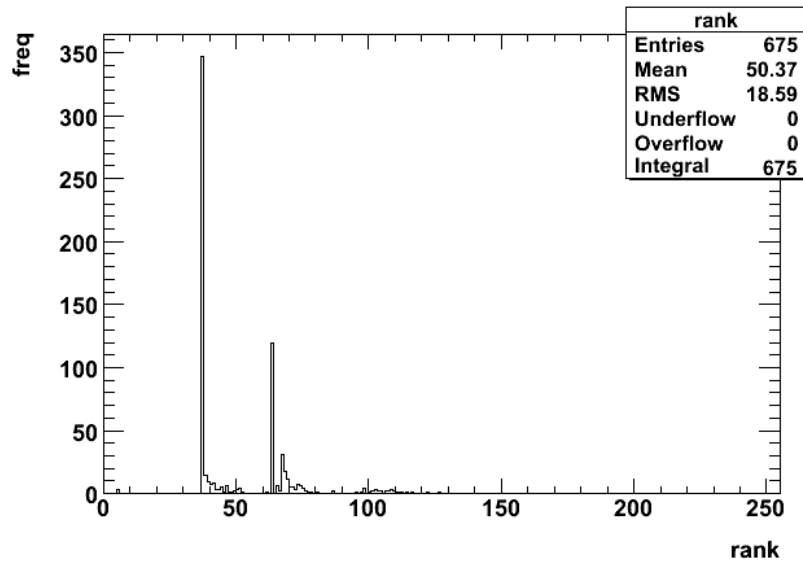
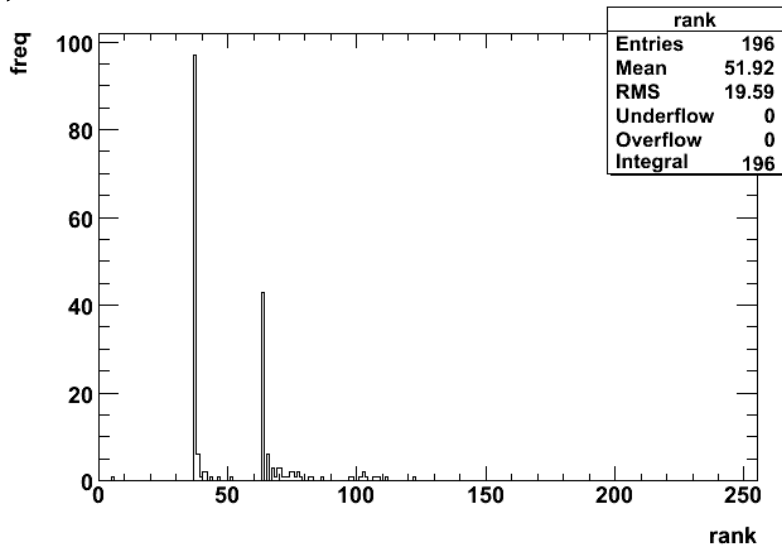
Eta



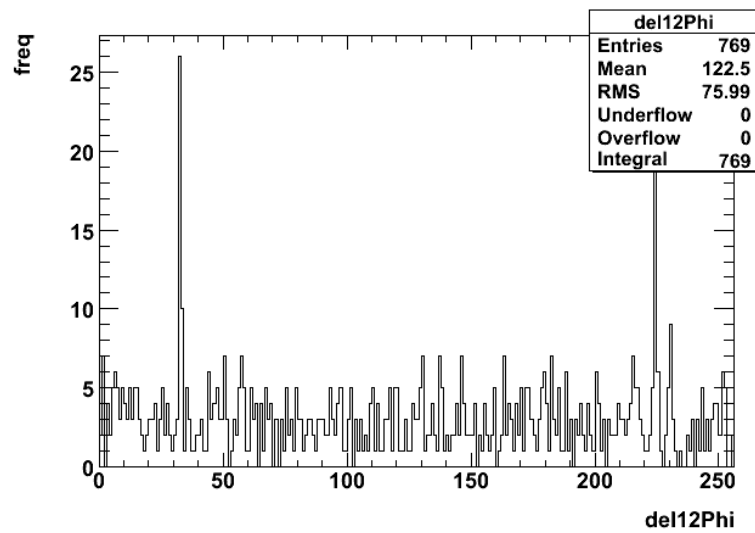
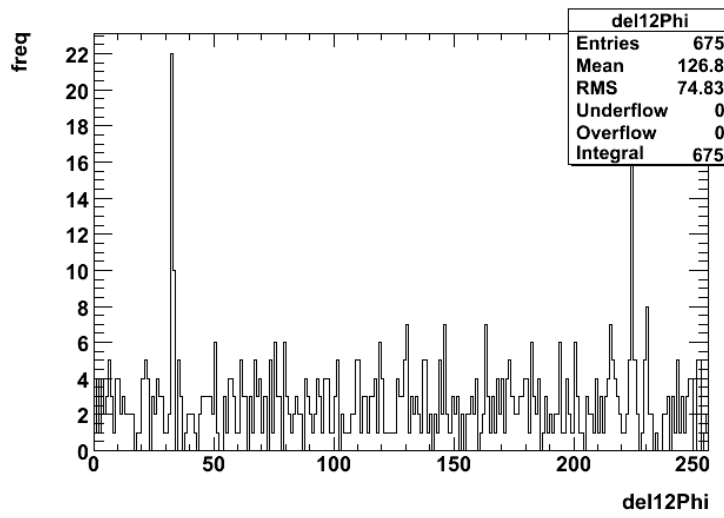
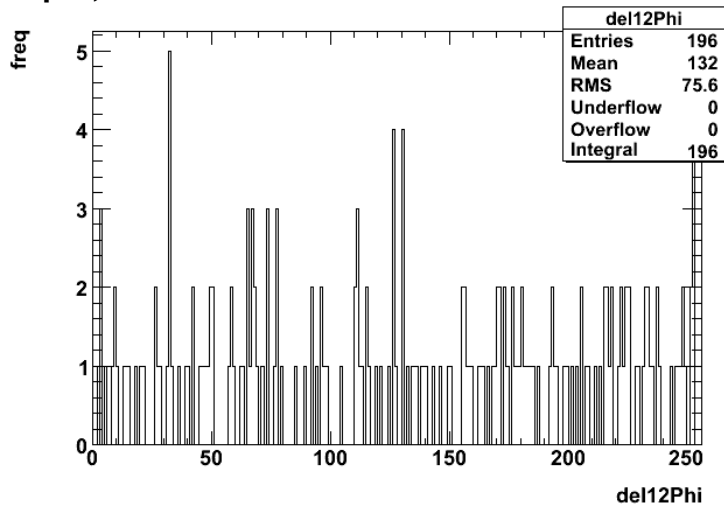
LCT Quality;



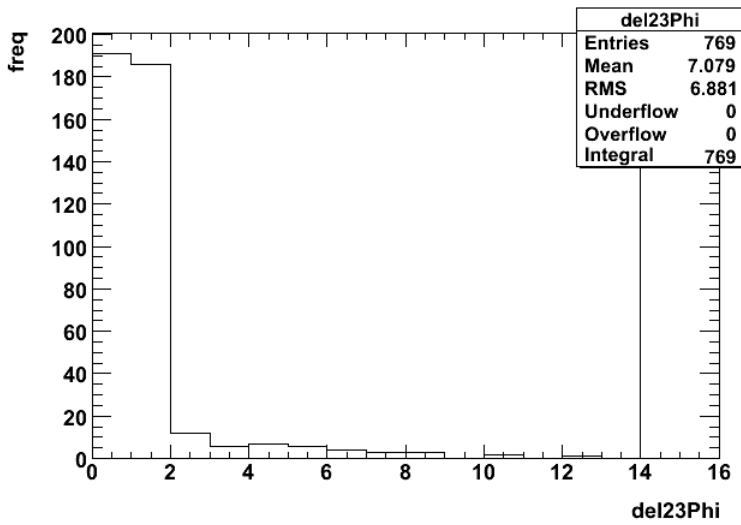
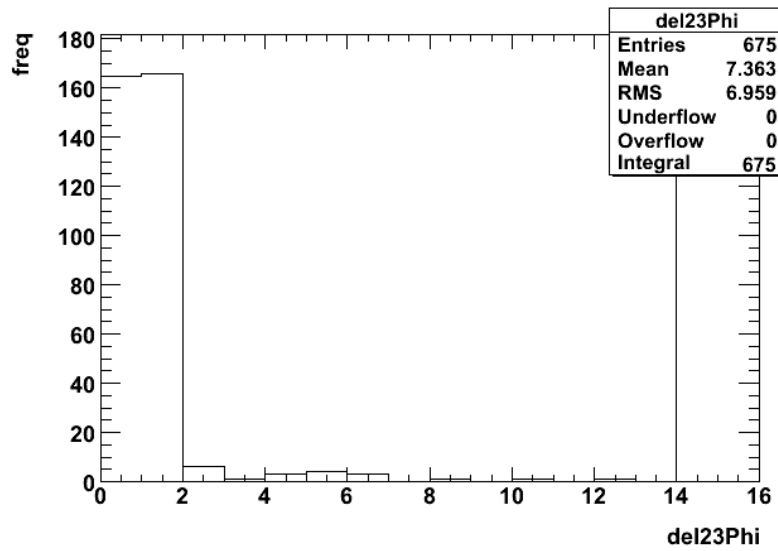
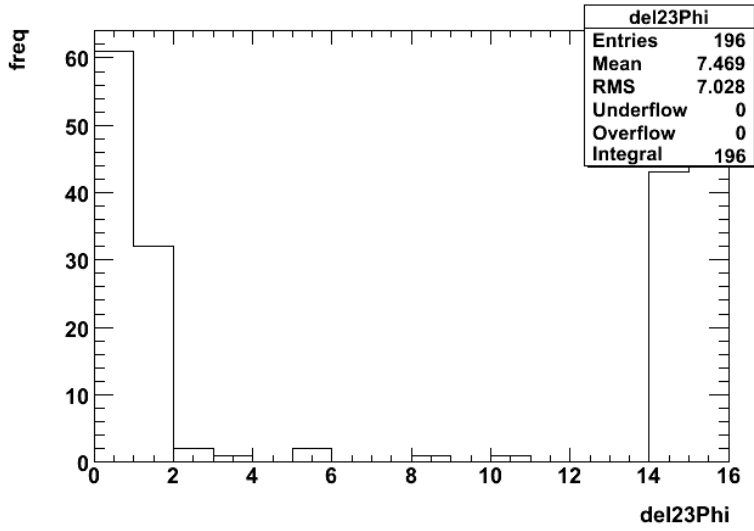
Rank;



del 1-2 phi;



del 2-3 phi



Phi;

