Looking at tower validation output in 4.8.3

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Use run 149678

Compare:

i) Tower Validation histograms created with 4.5.2_03, kept in `fcdflnx3`:

`~cdfprod0/Stream_G/hists/sum_hist_149678_g.root`

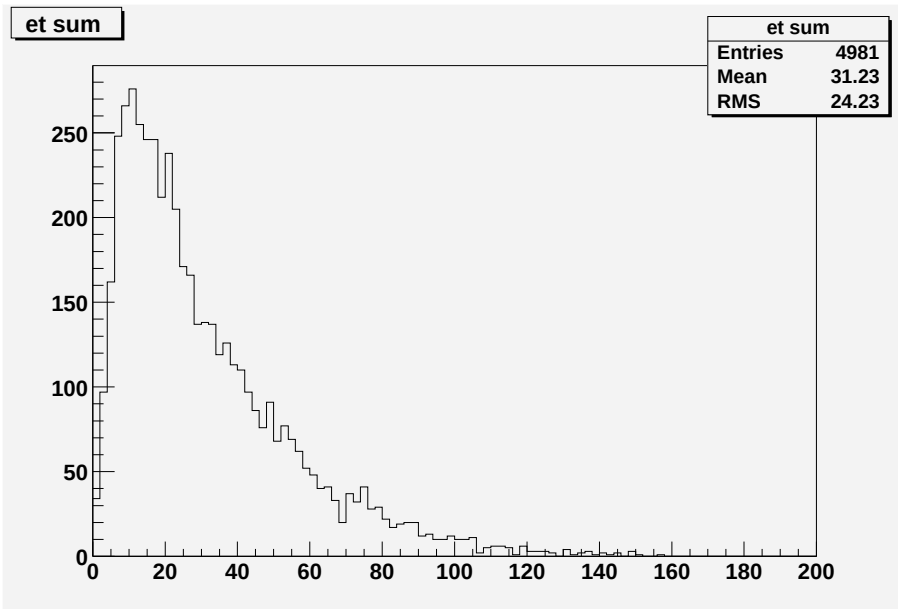
with

ii) histograms created by running TowerValidation myself on the same data, processed with 4.8.3pre3, kept in in `fcdfsgi2`:

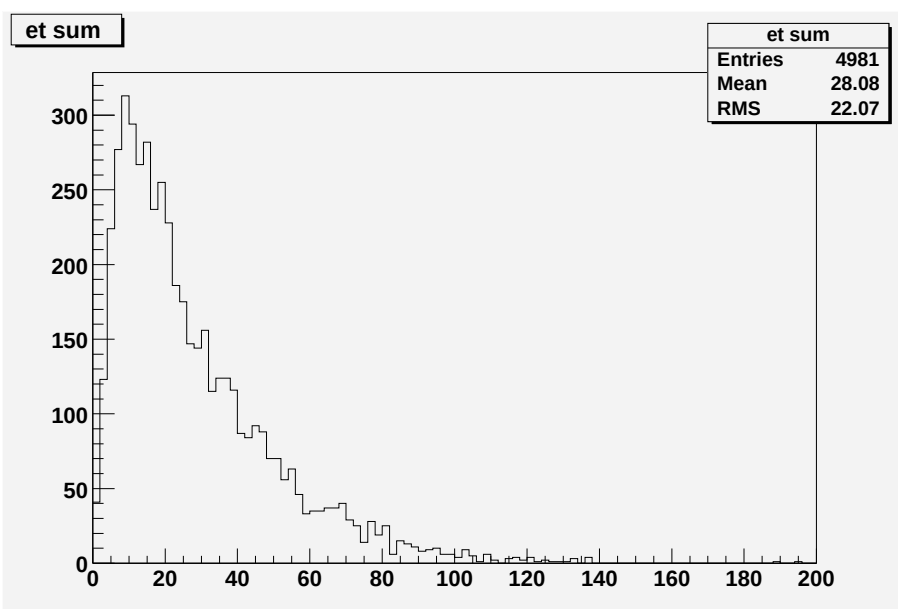
`/cdf/data58/production/4.8.3pre3/g60248ae.00*`

1) Sum of E_T in the calorimeter cells consistent with expectations: (energy in Plug towers in 4.5.2 contained PPR energy):

4.5.2

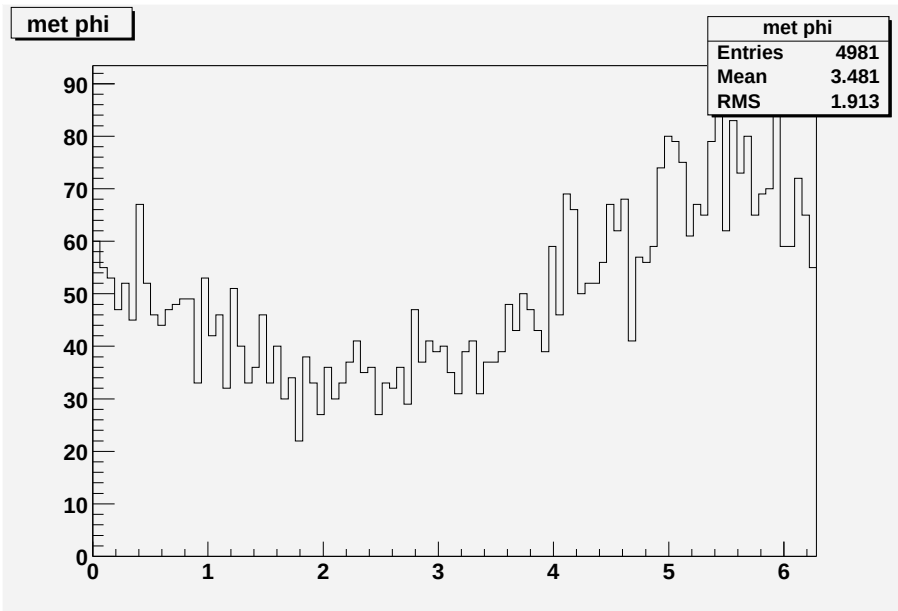


4.8.3

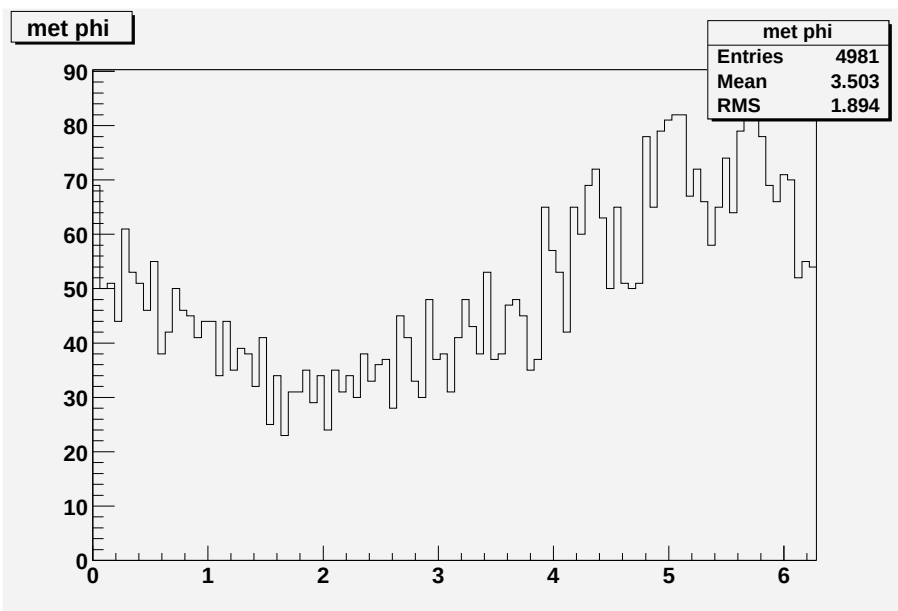


2) MissingE_T vs. ϕ similar:

4.5.2

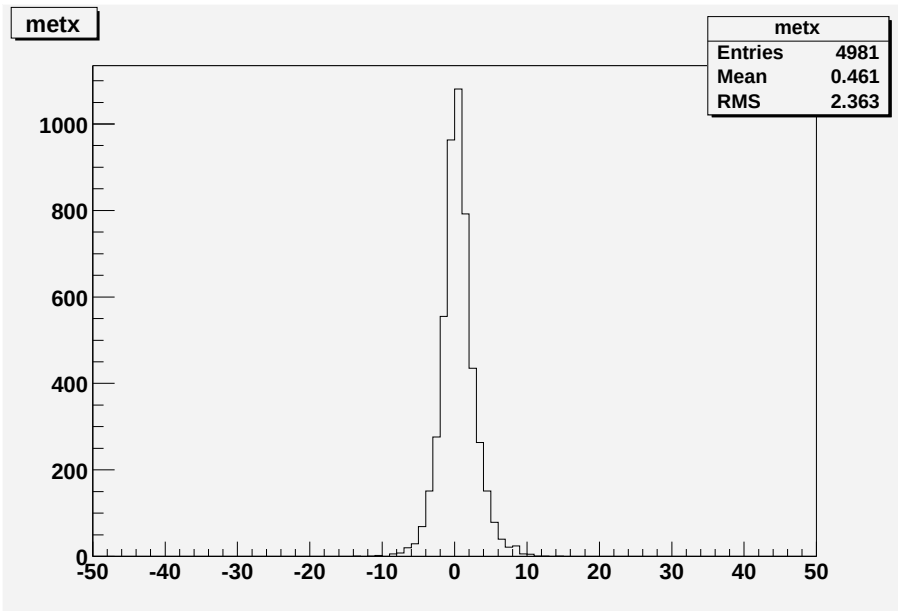


4.8.3

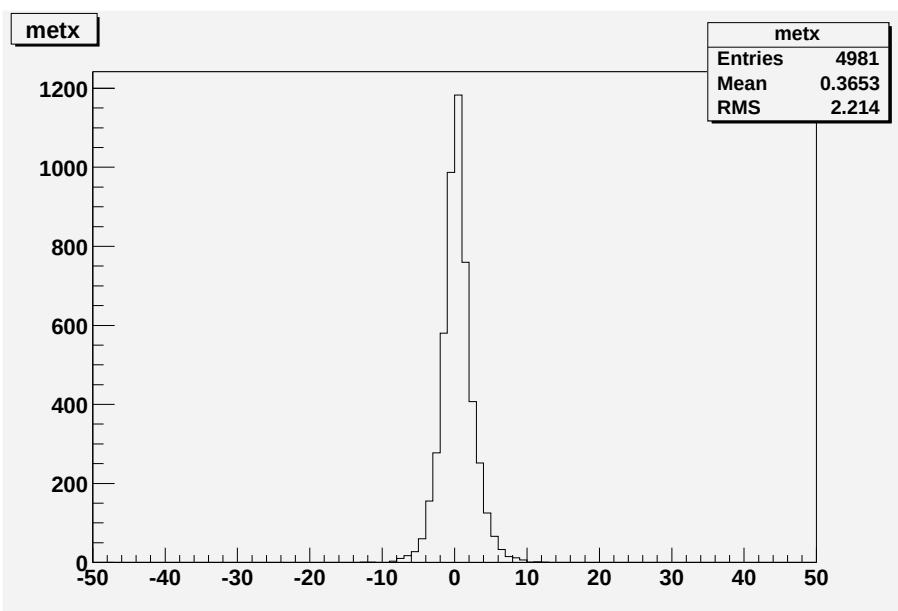


3) x component of missingE_T similar:

4.5.2

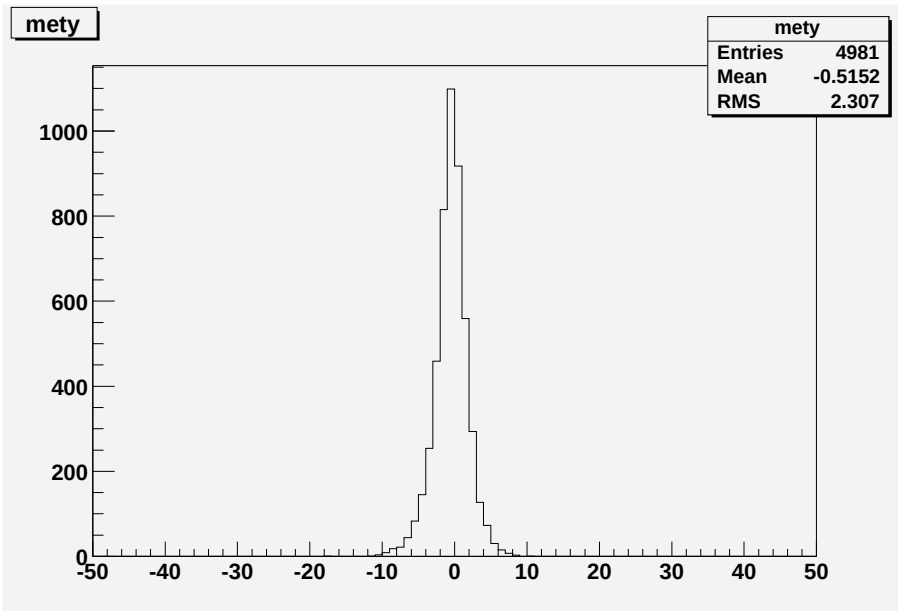


4.8.3

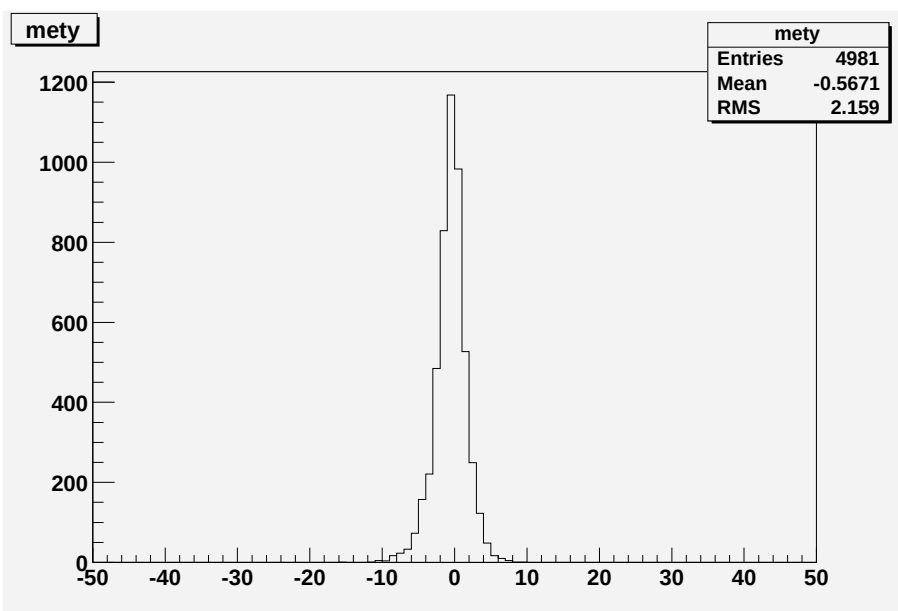


4) y component of missingE_T similar:

4.5.2

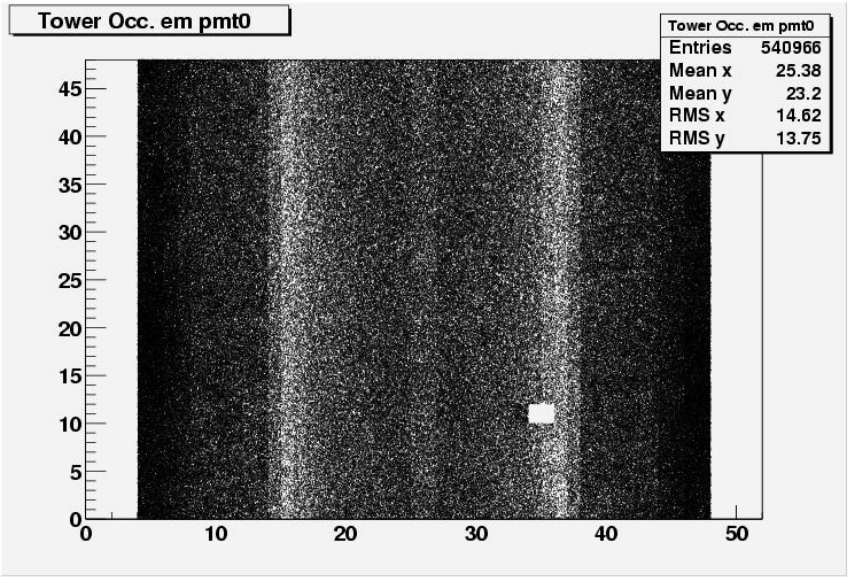


4.8.3

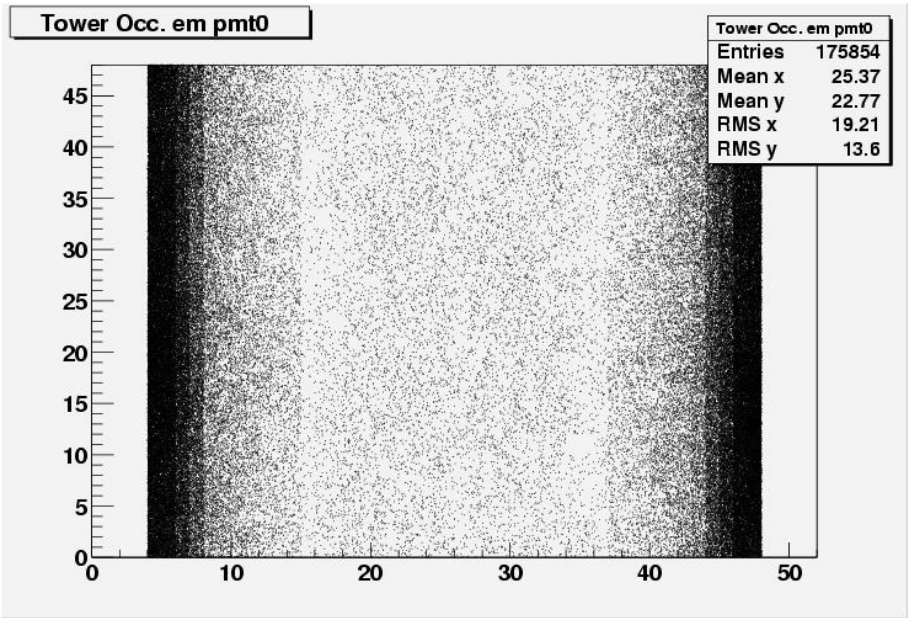


5) Occupancies in EM PMT0's look OK: (problem with occ. plots? events missing in 4.8.3?)

4.5.2

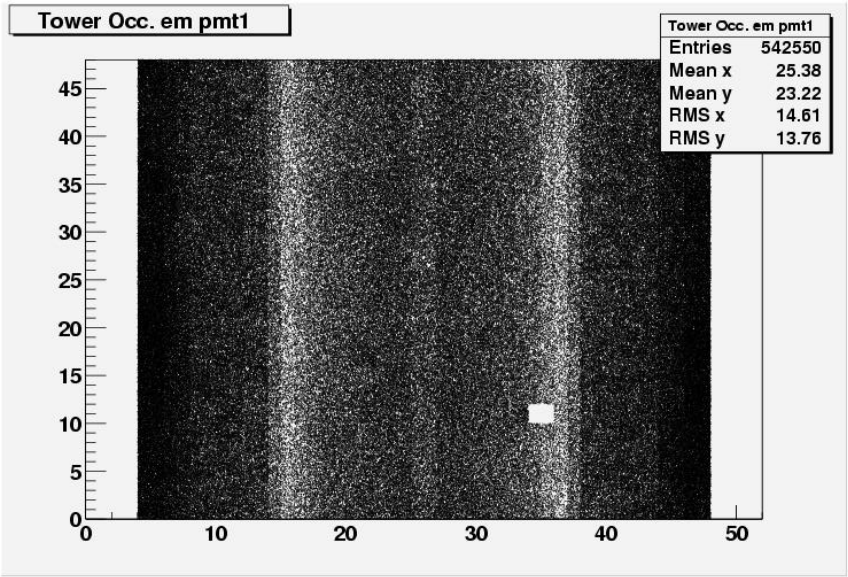


4.8.3

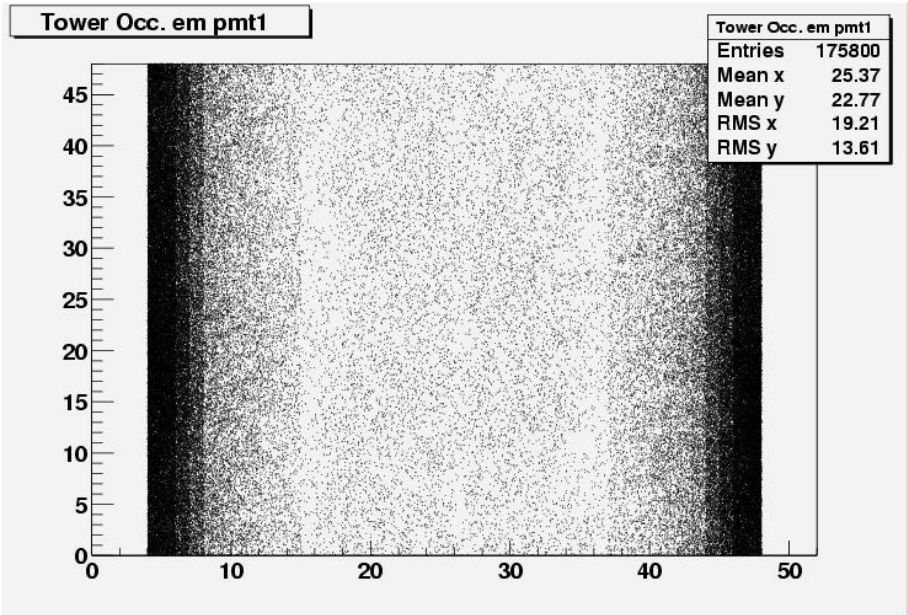


6) Occupancies in EM PMT1's look OK:

4.5.2

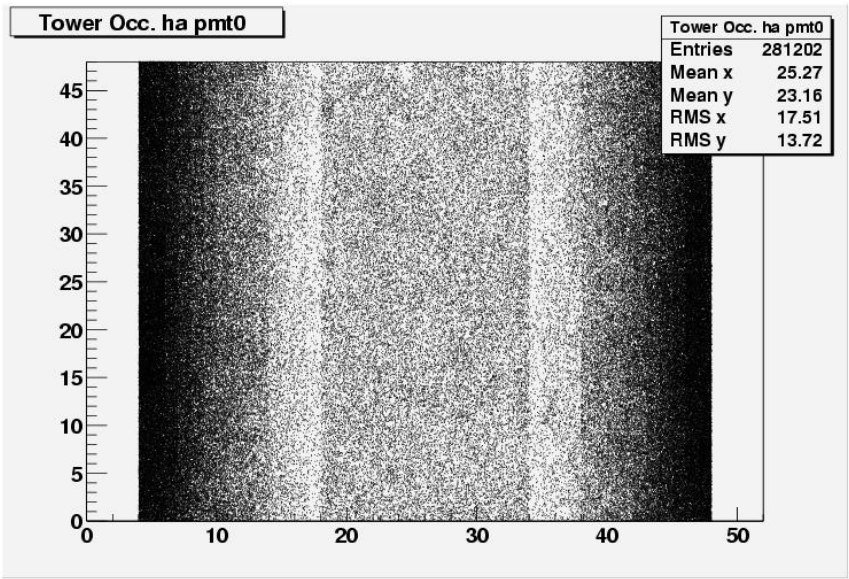


4.8.3

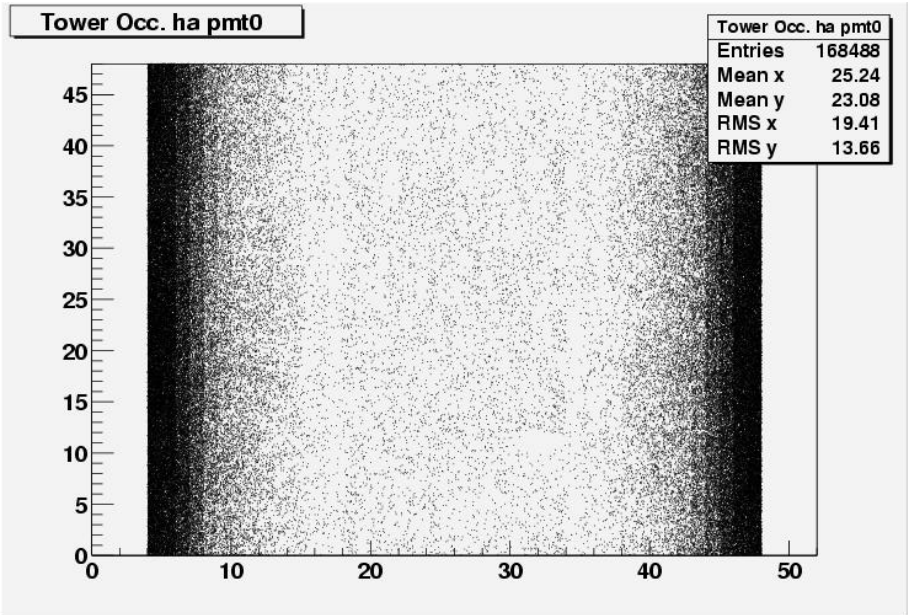


7) Occupancies in HAD PMT0's look ~ OK:

4.5.2

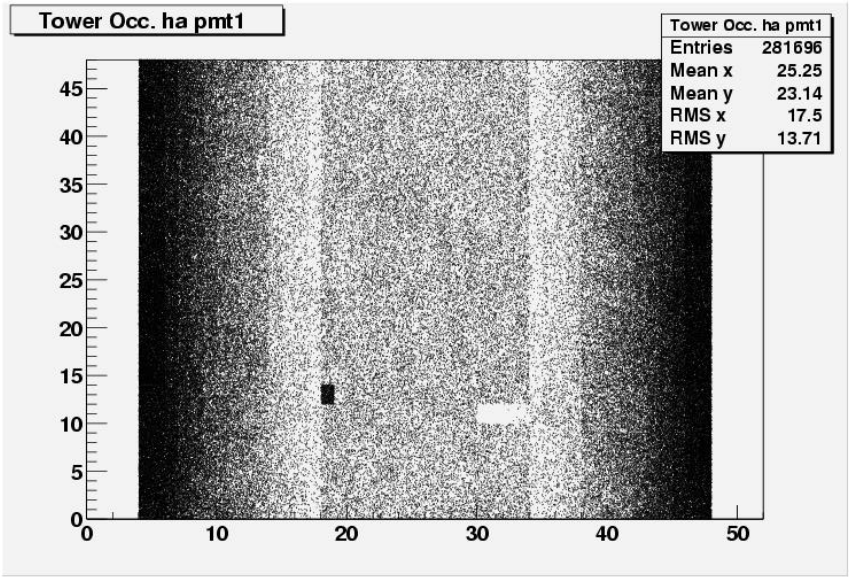
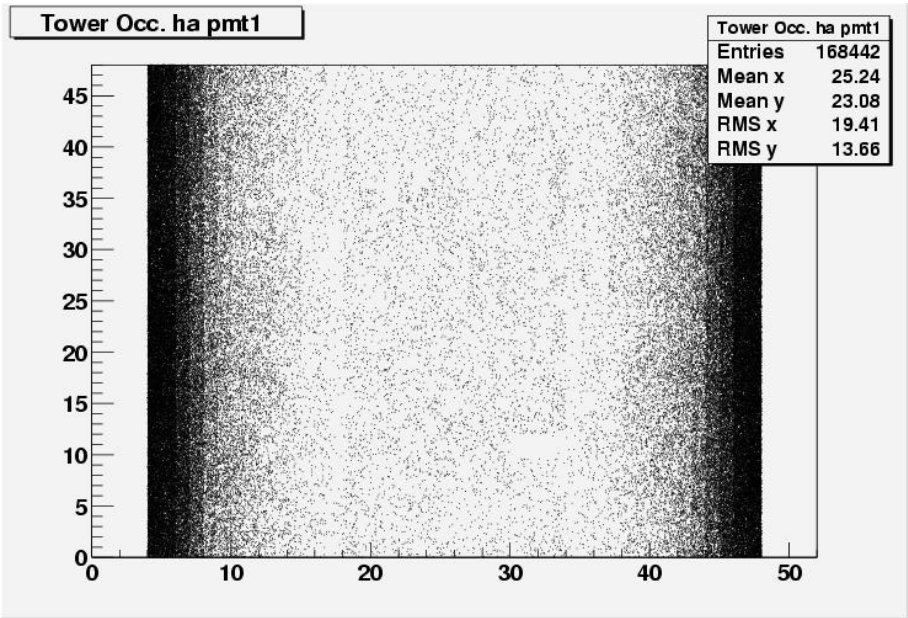


4.8.3



8) Occupancies in HAD PMT1's look suspecious!
HOT PMT in 4.5.2 becomes normal in 4.8.3:

4.5.2



4.8.3