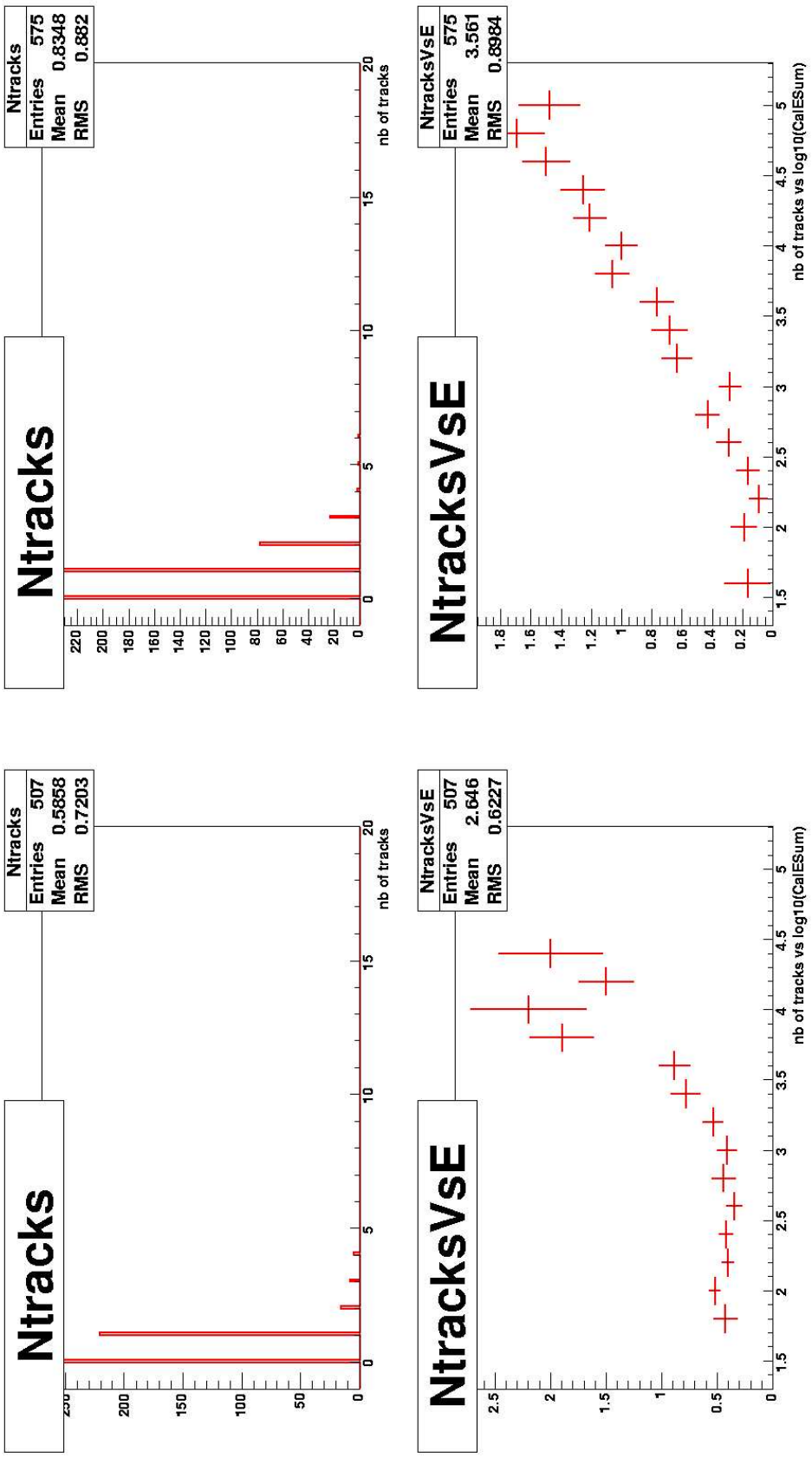
# MIP finding status

Since last calSoft face-to-face meeting, new procedure implemented:

- consider all hits with energy between 4 and 50 MeV
- start with C0, farthest hit from the "single cluster" centroid
- find C1, closest hit to C0 with same energy within 50%
- $\rightarrow$ define $\Delta_{01}$
- find C2, closest hit to $\Delta_{01}$ and define 1st candidate for a MIP track
- fit track (with energy term in $\chi^2$) and thus get $\Delta_{02}$
- find C3, closest hit to $\Delta_{02}$, add to 1st track, fit track
- find C4, closest hit to $\Delta_{03}$, add to 1st track, fit track
- ...
- stop if $\chi^2 < 20$
- store track properties, remove its hits from the map and search for another track...

# DC1 gamma's (left) and protons (right)



# DC1 gamma's (left) and protons (right)