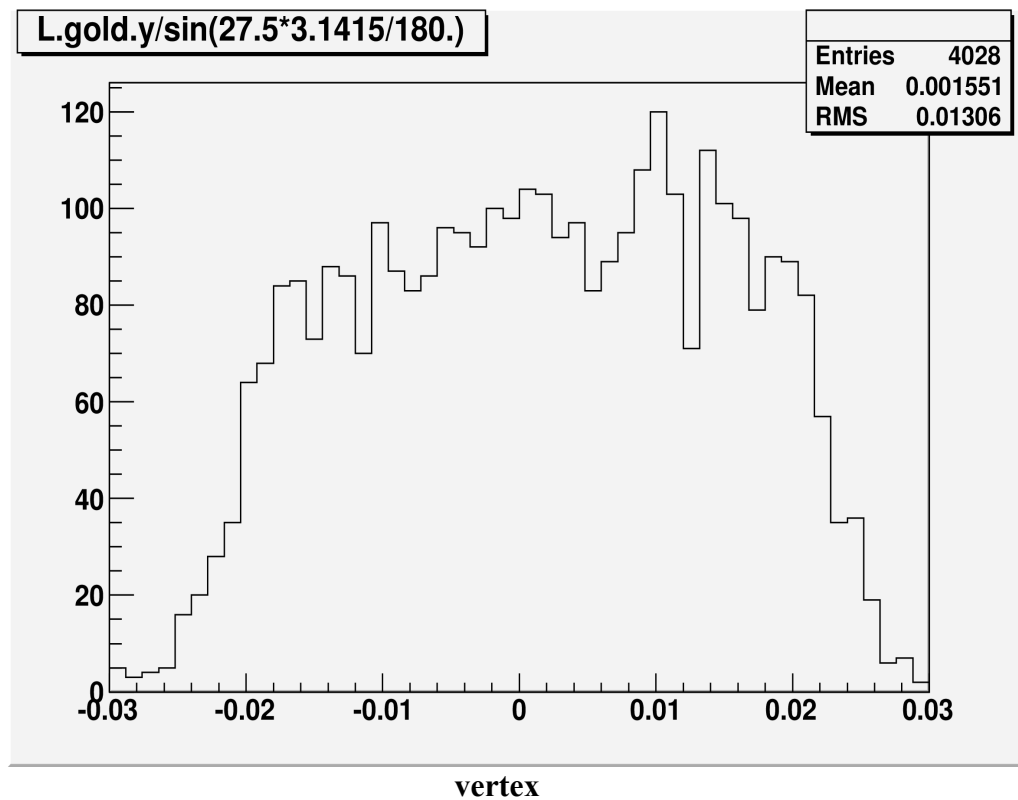


Event viewer for HAND Nov 1, 2011

written by Igor Korover

Using the event viewer we can estimate the quality of the neutron identification algorithm. I used this viewer on elastic protons run (#1314).

We can clearly identify the elastic protons and different problems in the algorithm.



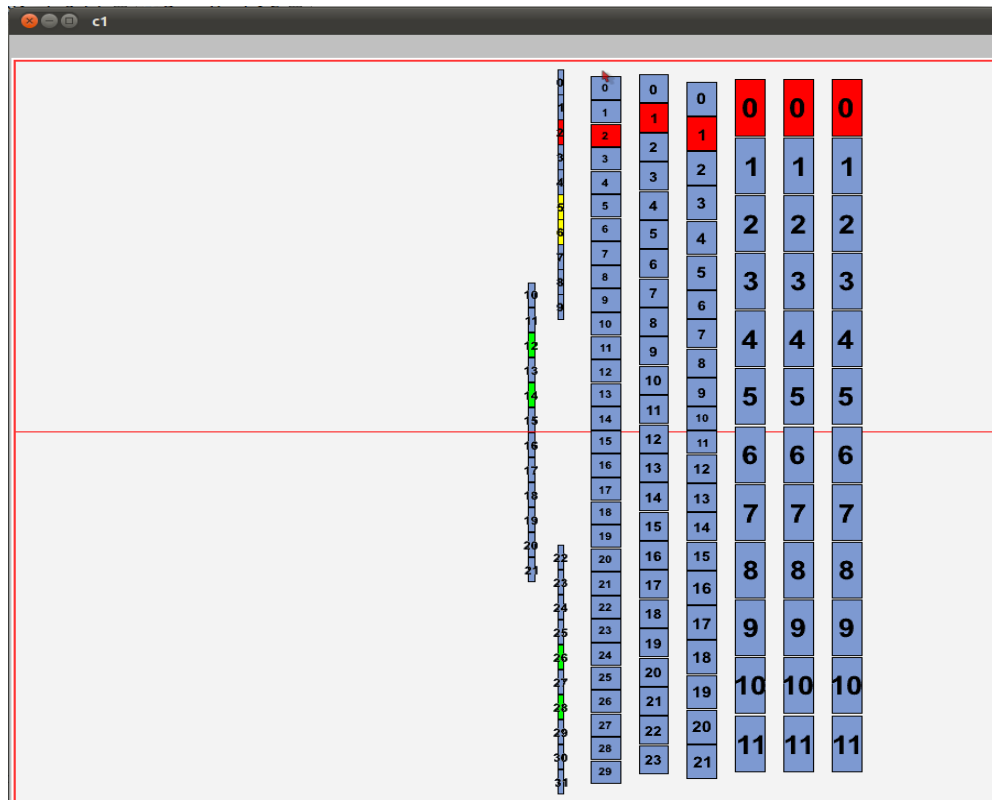


Fig 1: elastic proton

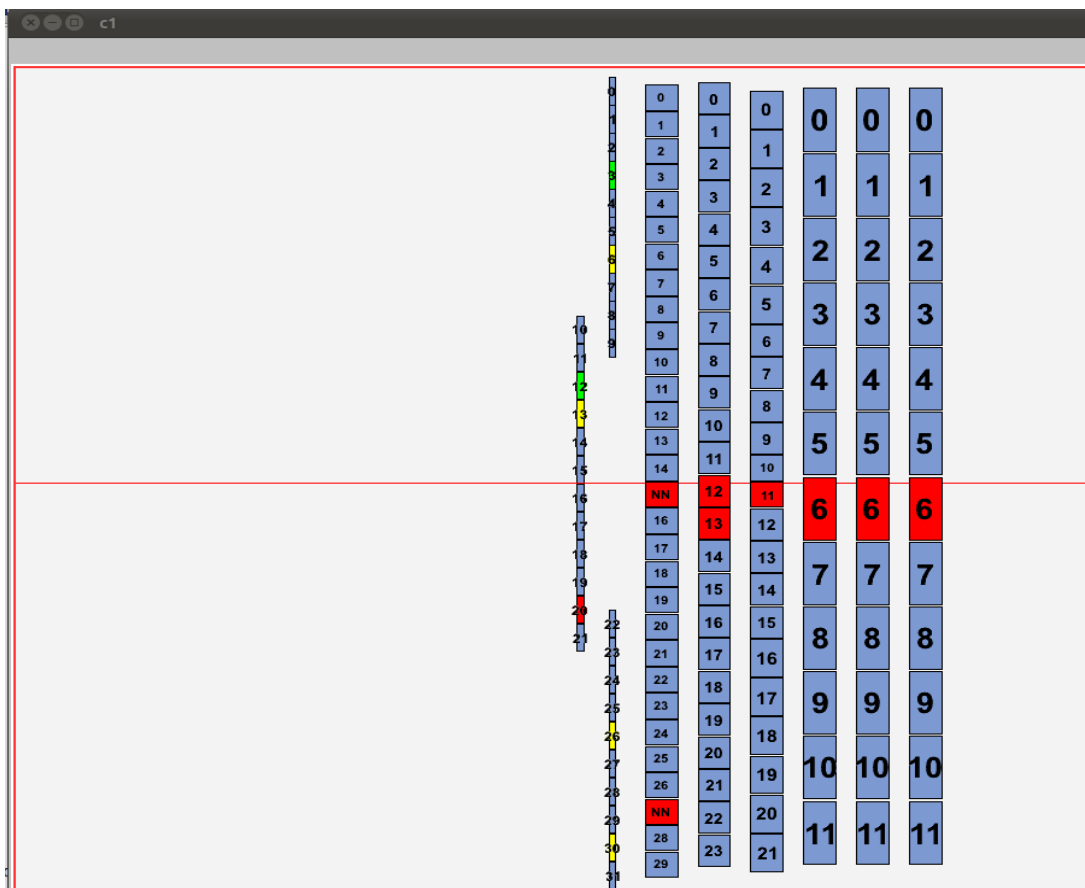


Fig 2: elastic proton – no Veto layer

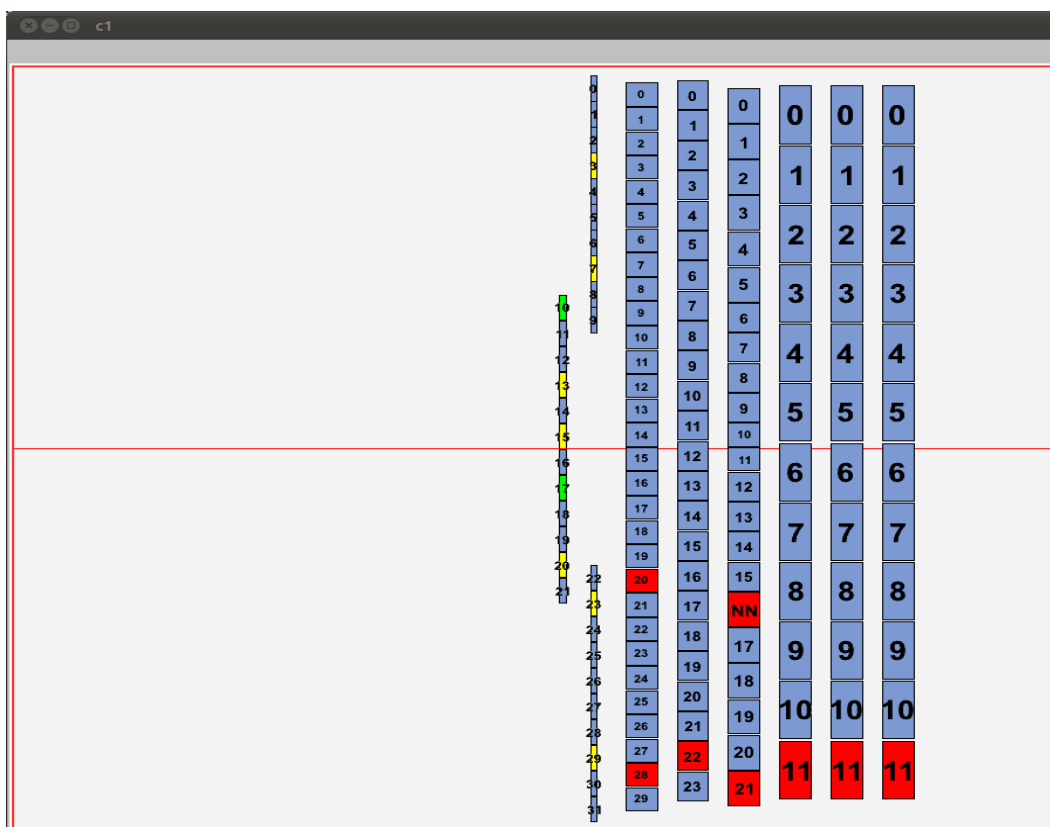


Fig 3: elastic proton with 1 “neutron”

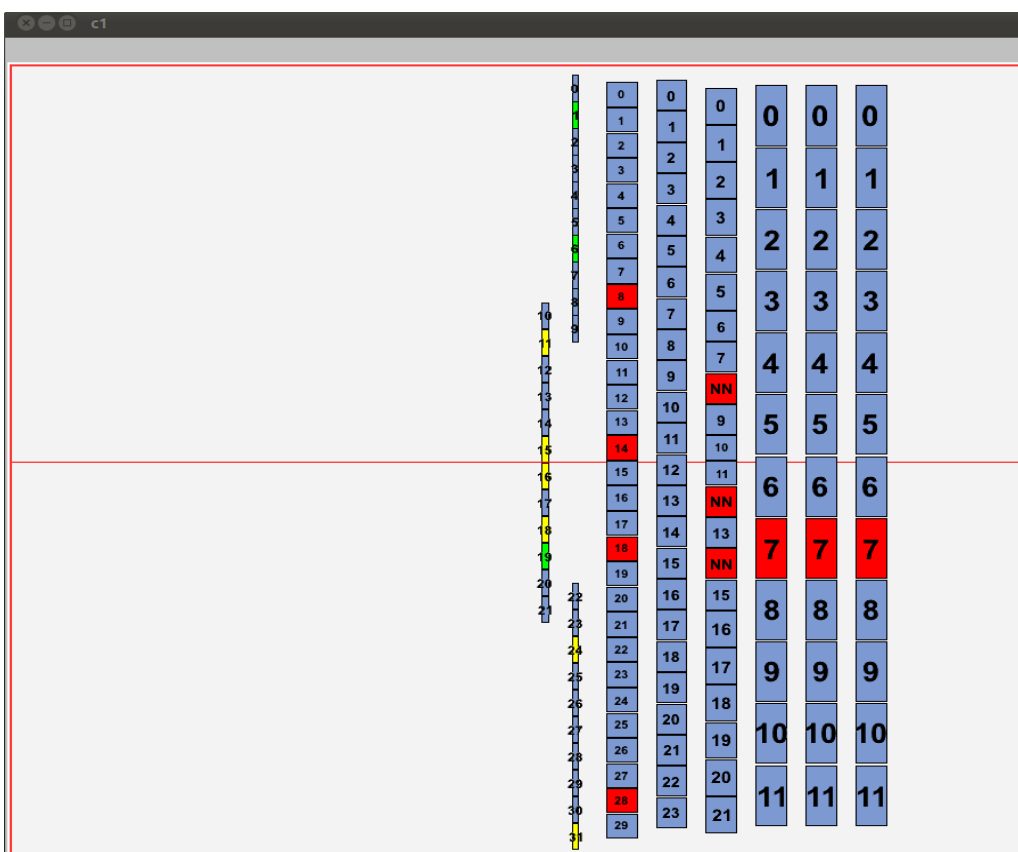


Fig 4: Elastic proton with multiple “neutrons”

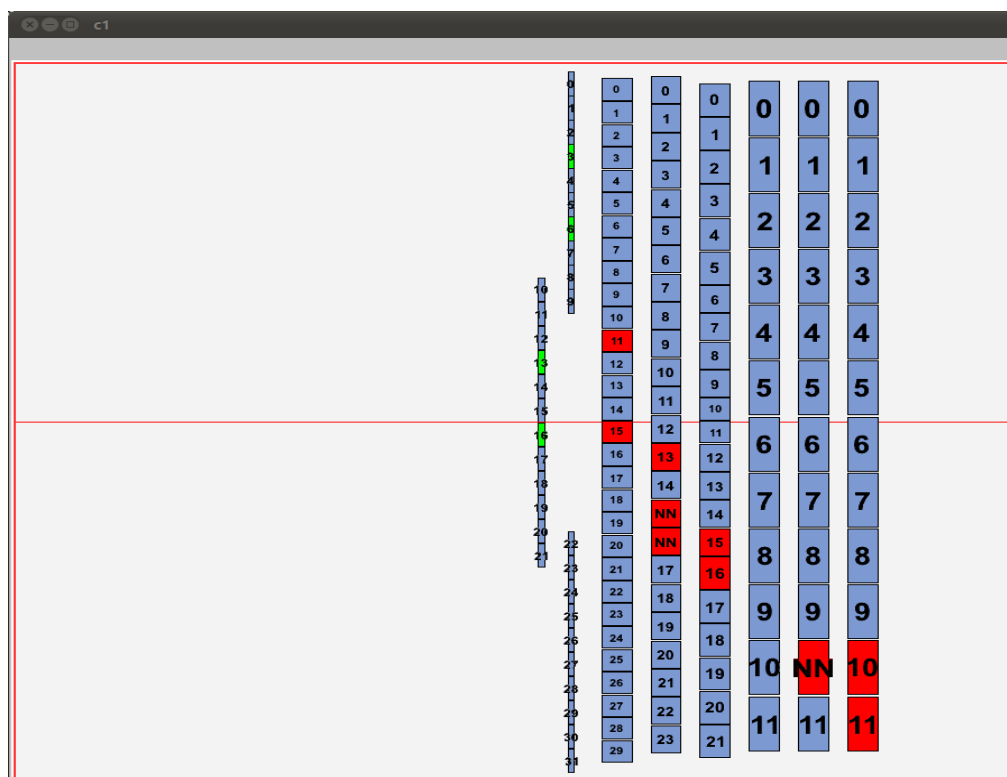


Fig 5: Charged particles with multiple “neutrons”

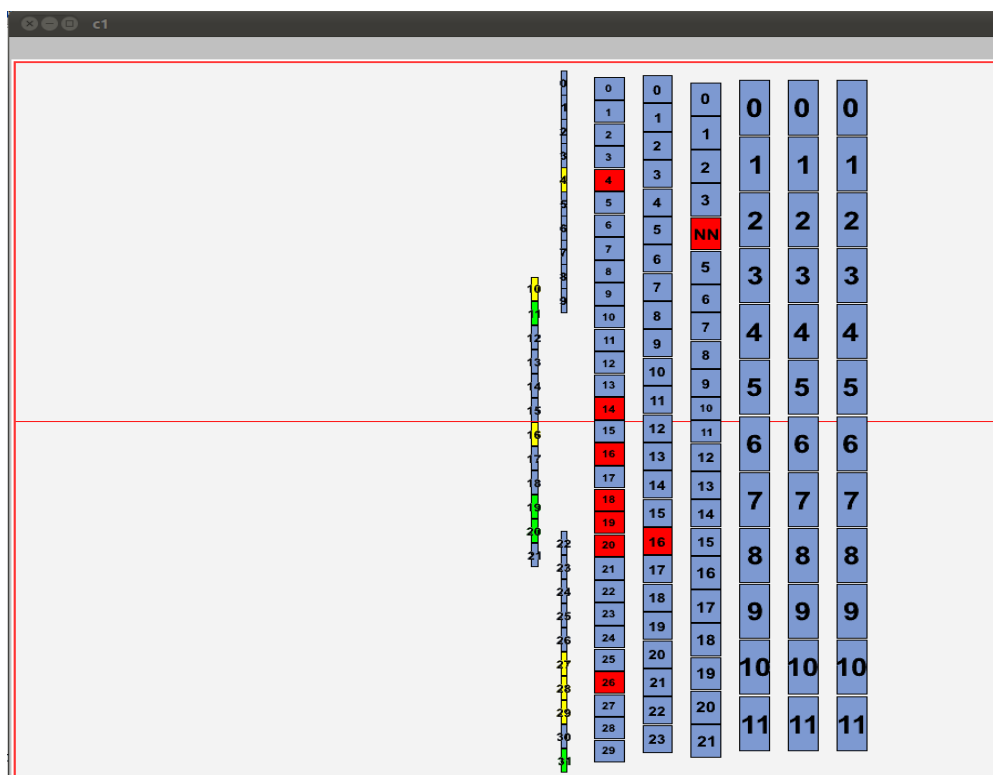


fig 6