Subject: Info about NeuLAND simulations
Posted by PaoloR on Tue, 27 Oct 2015 14:46:41 GMT
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Dears,
I would like to run some simulations on NeuLand response to protons and
neutrons. While I did some work with (old)Land I have never run simulations using NeuLand.
I needs some help for that.

1) Which r3broot, fairroot, fairsoft version do you suggest? I do not want to use root 6!

2) Is git version more updated with respect to svn?

3) Which geometry is the most "reliable" for the NeuLAND prototype and/or full NeuLAND?

4) Have you got more "realistic" results with Geant3 or Geant4, and which "physics setting" do
you suggest?

5) Which are the most reliable Digitizer, neutron clustering/reconstruction task, and thresholds
setting?

In addition I have tried to use https://github.com/bl0x/r3broot-install of
https://www.r3broot.gsi.de/automated-installation ...but it does not seem to work properly. Here
is some output:

pcget@pcgetS2:~/ANALISI/PAOLO/FAIRROOT/r3broot-install$ r3b-root-install.sh apr13
pcget@pcgetS2:~/ANALISI/PAOLO/FAIRROOT/r3broot-install$ r3b-root-install.sh feb14
pcget@pcgetS2:~/ANALISI/PAOLO/FAIRROOT/r3broot-install$ r3b-root-install.sh sep12
pcget@pcgetS2:~/ANALISI/PAOLO/FAIRROOT/r3broot-install$ r3b-root-install.sh trunk
Selected corresponding fairsoft version jul15p2
Selected corresponding fairroot version v-15.07
Installing FAIRSOFT
Sources are placed in a directory 'fairsoft/jul15p2' inside the current dir.
OK? [Y/n]n
Aborting...
pcget@pcgetS2:~/ANALISI/PAOLO/FAIRROOT/r3broot-install$ r3b-root-install.sh trunk
Selected corresponding fairsoft version jul15p2
Selected corresponding fairroot version v-15.07
Installing FAIRSOFT
Sources are placed in a directory 'fairsoft/jul15p2' inside the current dir.
OK? [Y/n]Y
Aborting...