Subject: keeping track of a particle as it goes through a detector

Posted by Raphael Cervantes on Thu, 25 Apr 2013 00:29:59 GMT

Hey guys,
Say I have a scattered electron from some generated Monte-Carlo events. I simulate these generated events in a detector I built using FairRoot. I would like to keep track of this particular scattered electron as it goes through the detector. Running a script similar to run_rutherford.C gives me a root tree of the detector points and mctracks. What cuts can I make with either the detector points or mctracks to help me look at only the initial scattered electron?

I hope my question makes sense. Let me know what I can clarify.