Subject: Re: Difference of neutral candidate between Geant4 and Geant3
Posted by donghee on Fri, 15 Nov 2013 14:34:22 GMT
View Forum Message <> Reply to Message

Hi Stefano,

I have tried to look more detail the dependency of multiplicity with EMC cluster for Geant3 and Geant4 including physics option or excluding options.
Please have a look all distributions in attached file.

Main difference at Multiplicity between Geant3 and Geant4 start already from the EMC cluster size.

With option at Geant4 many of photon production are restricted. but no option produce huge amount of photon mainly due to secondary interaction.
That make main difference at the size of EMC cluster.

I think that this issue is surely related with EMC simulation.
Is someone already reported about Geant4 simulation for EMC part? or will be tested in the future?

Best wishes,
Donghee

File Attachments

1) Pandaroot_meeting_2.pdf, downloaded 751 times