Subject: Re: Difference of neutral candidate between Geant4 and Geant3
Posted by donghee on Tue, 12 Nov 2013 09:53:02 GMT
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Hi Stefano,

I tried your suggestion.

Quote:TG4RunConfiguration* runConfiguration = new TG4RunConfiguration("geomRoot", "QGSP_BERT_EMV", "");

Single pion had been simulated (see attached file).
Same behaviour showed up in the neutral multiplicity(candidate).
6 pion simulation is now running. but assume that will be same.

I think that Geant4 and Geant3 define the cluster differently, specially for the geometrical size of cluster.
Or Geant3 produce more photon from the interaction in the front of EMC at DIRC and DISC.

I hope that this discrepancy is not so big trouble in the analysis level.
I need more time to investigate further.

Ciao,
Donghee

File Attachments

1) multiplicity_for_single_pion_without_option.eps, downloaded 526 times