Subject: 1 GeV gammas geant4.7.1, noteworthy hypernews posting by Jan Zhong
Posted by Jens Sören Lange on Tue, 22 Jan 2008 19:09:23 GMT
View Forum Message <> Reply to Message

Date: Tue, 22 Jan 2008 19:51:27 +0100
From: Jan Zhong <jan@ep1.rub.de>
To: PndSimGenDisc@ep1.ruhr-uni-bochum.de
Subject: native G4 / VMC G4 comparison

*** Discussion title: Simulation General Discussion

Hi Soeren,

I have shortly look into your slides for Groningen workshop,
concerning geant3 geant4 comparison.

http://panda-wiki.gsi.de/cgi-bin/view/Computing/ComputingWorkshopKVIJanu ary2008

I have made a plot of 1GeV gammas with the simu we used
for the physics book (we use geant4.7.1), without any leackage correction, just the energy deposit.

The plots looks like:
http://www.ep1.rub.de/~jan/gamma1GeV.jpg

The peak does not look like the peak for vmc geant4.7
It also does not look like the peak with vmc geant4.9 ,
but it has some simularity with the peak for vmc geant3
you shown in your presentation.

best regards,
Jan

Visit this Panda Hypernews message (to reply or unsubscribe) at:
http://tau.ep1.rub.de/HyperNews/get/SimGenDisc/2159.html