
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

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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/ComputingWorkshopKVIJanuary2008>

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

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