
Subject: Re: EmProcess threshold

Posted by [Mohammad Al-Turany](#) on Thu, 15 Jan 2009 10:06:20 GMT

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Hallo valery,

I asked Ivana about this problem and there is a solution for this, but first in Geant4.9.2 which will be in our next external packages hopefully this month! anyway according to ivana:

Quote:To change the limits for the threshold one
can use G4 command:

/cuts/setLowEdge 100 eV

/cuts/setHighEdge 100 GeV

These commands interface the function

G4ProductionCutsTable::GetProductionTable()->SetEnergyRange(1000*eV,upprelimit) which
you asked about in your first mail.

In VMC, user can put these command in g4config.in

Quote:The command is available in Geant4 9.2 version only

(I did not notice it before). If you stay with

VMC version 2.5, you need to update from trunk

the macro g4libs.C.

I plan to tag a new version when there is available

also a tag in Root, as we have now introduced (on request of ALICE)

the interface for magnetic field.

Regards,

Ivana

So as soon as the new versions are available it will be trivial to set these values!

regards

Mohammad