Subject: Re: UrqmdSmm event generator
Posted by Aida Galoyan on Thu, 02 Aug 2007 18:37:35 GMT
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Hi Alicia,
Really, in the out_root_file created by UrQMDSmm or Dpm generators,
the position of vertex is (0.,0.,0.).
But, I think when you use corresponding out_root_file, generated
by Event generator, in your macro for simulation of detector,
you can take the needed coordinate from root_Tree (as leaf of Tree) and
change it, according to the requirement of your task.

In PndJRGen there is possibility directly
to smear vertex in the macros for generation of events.

  Vertex.SetXYZT(0,0,0,0); // zero by default

  // smearing of the primary vertex (Gauss with the above mean, and this sigma)
  //TVector3 VtxRes(.1,.1,.2); // what target smearing do you want???
  TVector3 VtxRes(0,0,0);

This can be useful for you.

Good luck,
Aida