Subject: Psi3770 study
Posted by donghee on Fri, 01 Jul 2011 14:19:36 GMT
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Hi all,

I have a look the Psi3770 data on the gridka.
The names are psi3770 run701 and run705.
I'm not still clear the unit of vertex position.

In the plot of "invariant mass of D.eps", D+ and D- are shown from the reconstruction with combination of charged particles.
And following bottom plots, I have found MC true matched D+ D- mass distributions.

And corresponding decay vertex distributions are compared with generated true values in "vertex position of Dmeson.eps".
Upper two plots are true D+D- vertex.
Below two are reconstructed one after matching MC true association.
In here, y(y-axis) vs z(x-axis) position are plotted.
What is the unit of that?

Thanks...

File Attachments

1) Invariant_Mass_of_D.eps, downloaded 476 times
2) vertex_position_of_dmeson.eps, downloaded 521 times