Subject: Psi3770 study with run802 of tpc in gridka
Posted by donghee on Thu, 14 Jul 2011 08:58:44 GMT
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Dear all,

I need to discuss for unexpected mass shape for Psi3770 in the data of run802 at gridka.

In attached file with the name of "psi3770_run802.eps",
you can find the mass distribution of
Psi3770 from D+(k-pi+pi+) and D-(k+pi-pi-) daughter without any vertex fitting as a first stage in the run802 data.

"psi3770_expected.eps" shows the distribution what I can expect, that is produced with old pandaroot version in my local.
I have some irregular events near at 3.9 GeV.

First question is that, run802 has some expecting bug during the production or should be ok?

Thank you for your hint...

File Attachments

1) psi3770_expected.eps, downloaded 489 times
2) psi3770_run802.eps, downloaded 476 times