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Subject: Re: Problem with mass constraint fit for two gamma

Posted by [donghee](#) on Thu, 17 Jul 2014 08:29:07 GMT

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Dear Stefano and Dima,

I am very happy to inform you that the problem is finally solved.

Test two plot show the  $\chi^2$  distribution for D0(gammagamma) mass constrain fit before and after fixed error matrix in PndEmcErrorMatrix.

One need to re-run pid correlator to have correct error matrix during the analysis.

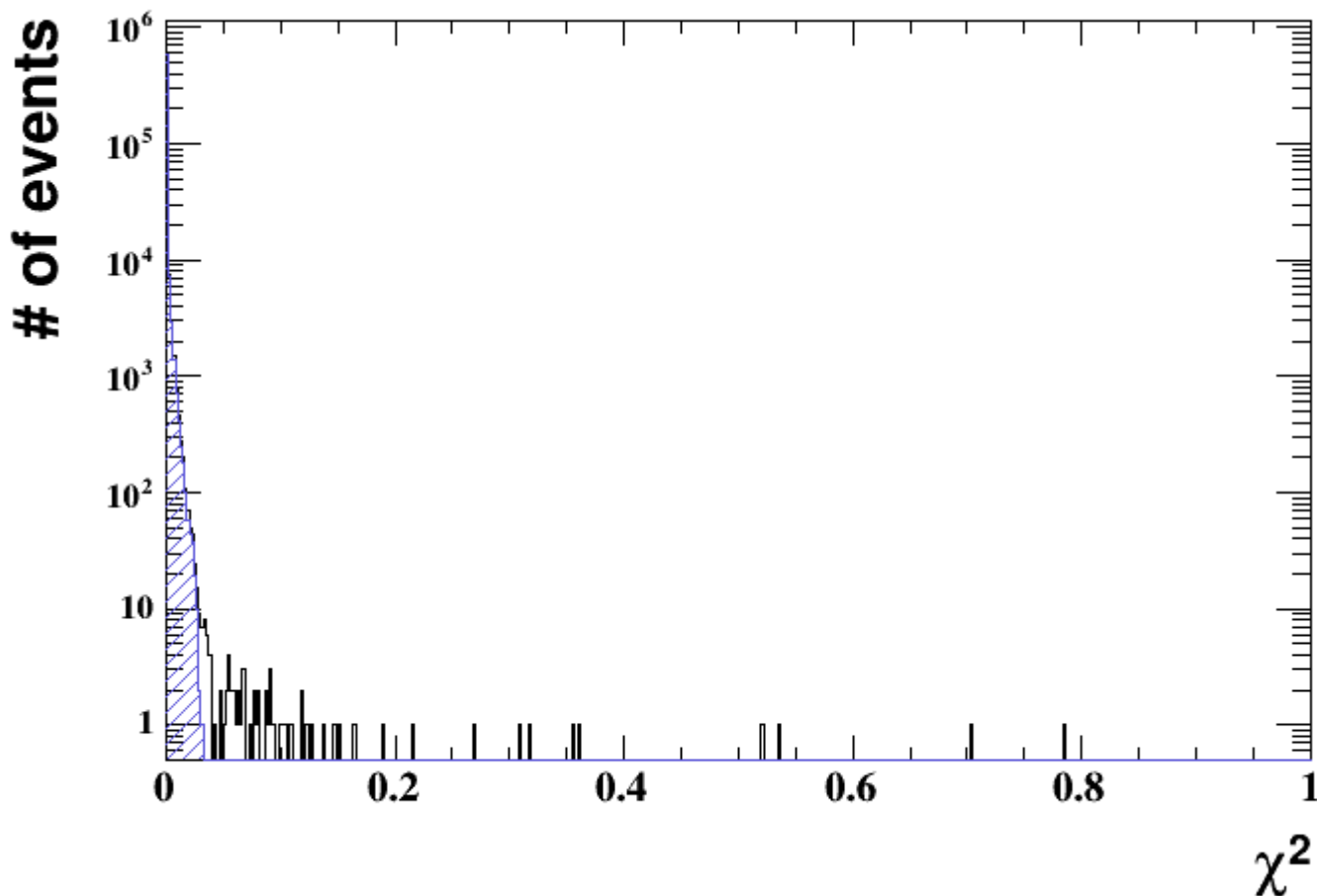
In addition, I will update soon more precise estimation of error matrices according current EMC geometry & will report about it in our PANDArOOT meeting.

Thanks again to Stefano for your valuable effort and great help.

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### File Attachments

1) [chi2\\_for\\_D0\\_before.png](#), downloaded 1155 times



2) [chi2\\_for\\_D0\\_after.png](#), downloaded 1263 times

