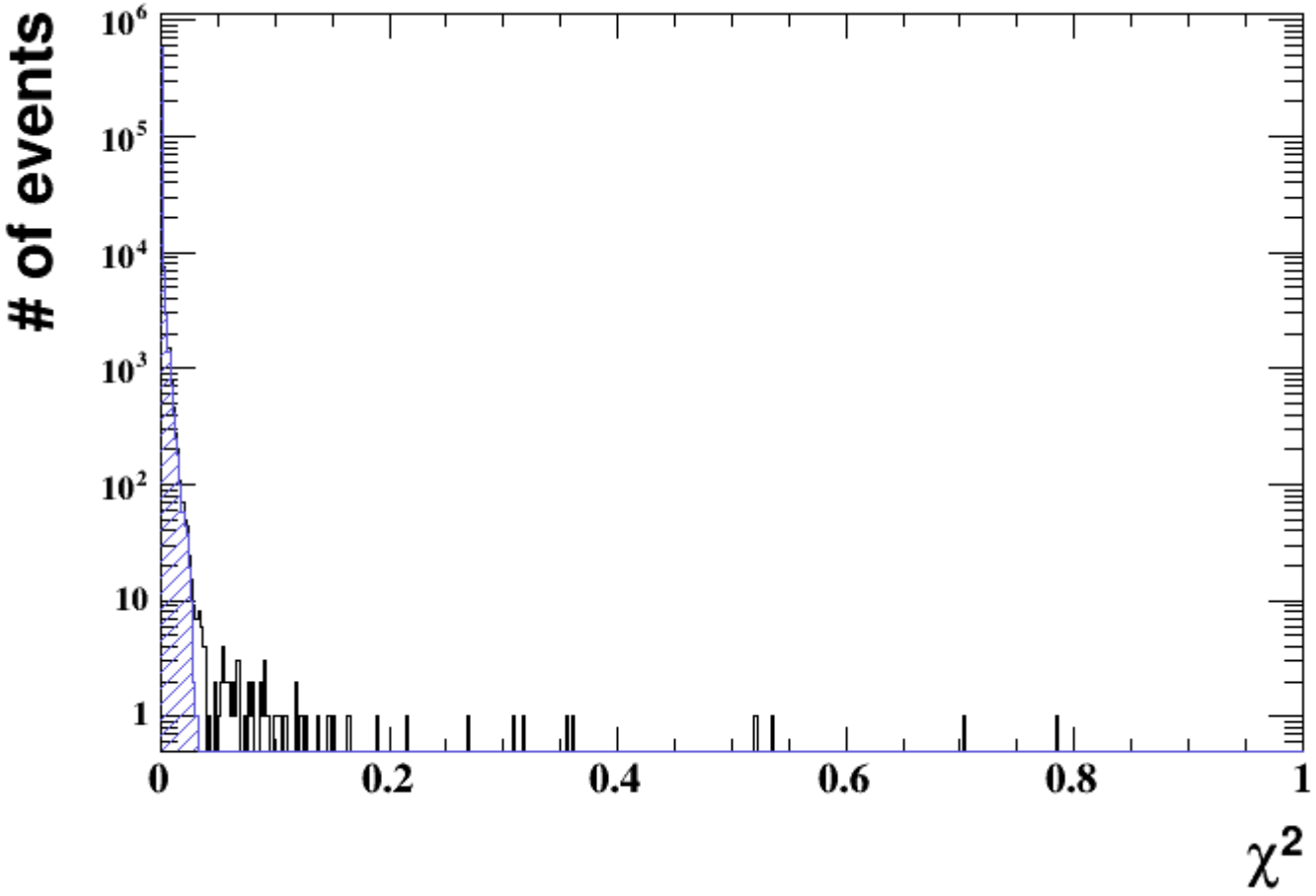
Subject: Re: Problem with mass constraint fit for two gamma
Posted by donghee on Thu, 17 Jul 2014 08:29:07 GMT
View Forum Message <> Reply to Message

Dear Stefano and Dima,

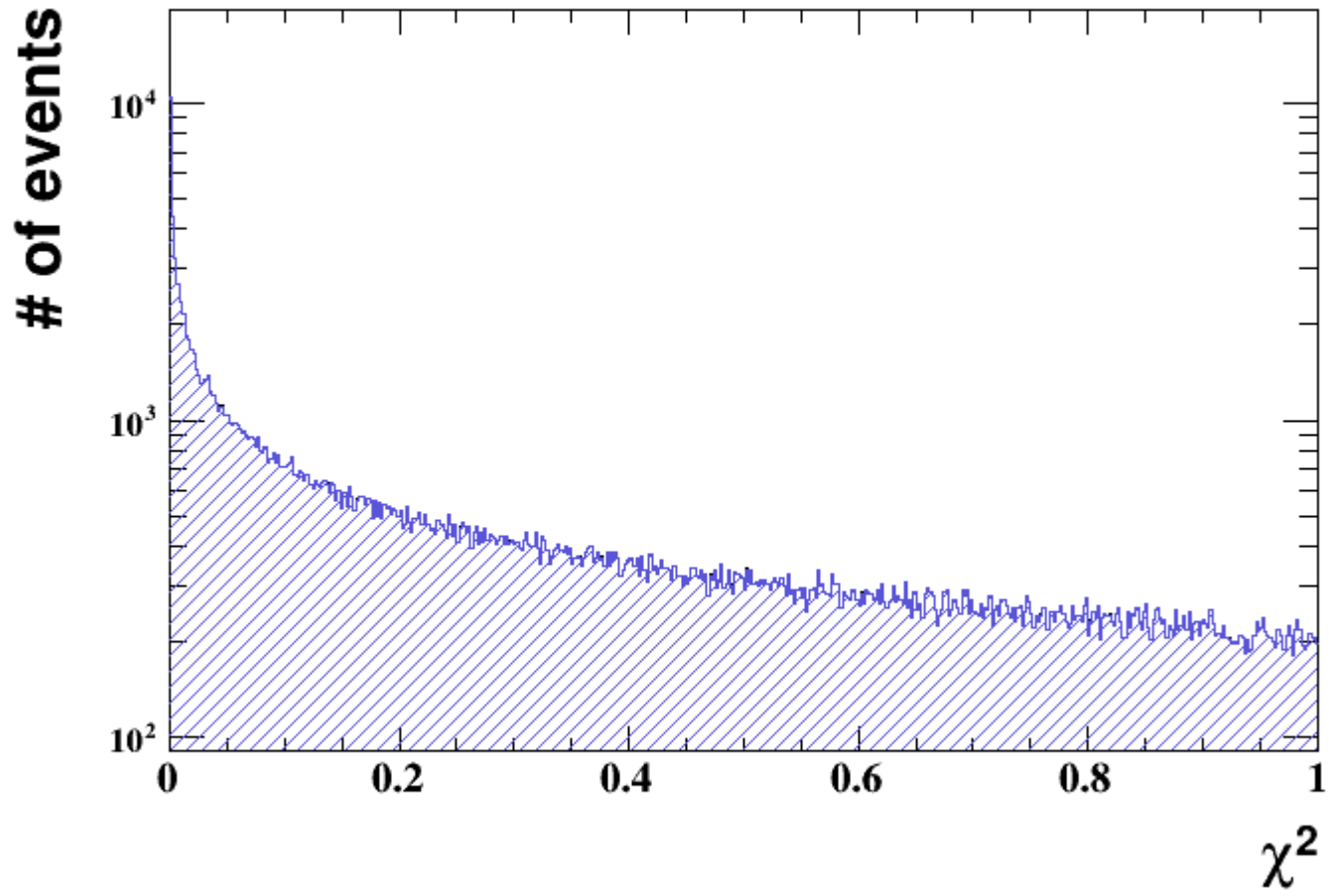
I am very happy to inform you that the problem is finally solved.
Test two plot show the chi2 distribution for D0(gammagamma) mass constrain fit before and after fixed error matrix in PndEmcErrorMatrix.
One need to re-run pid correlator to have correct error matrix during the analysis.
In addition, I 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.

File Attachments

1) chi2_for_D0_before.png, downloaded 1525 times



2) chi2_for_D0_after.png, downloaded 1625 times


# of events
10^4
10^3
10^2
0
0.2
0.4
0.6
0.8
1
χ^2