
Subject: Re: Problem with mass constraint fit for two gamma
Posted by [Stefano Spataro](#) on Mon, 30 Jun 2014 15:51:59 GMT
[View Forum Message](#) <> [Reply to Message](#)

I repeat for the nth time: the EMC covariance matrix in full simulation was never filled properly, and there is currently nobody from EMC groups working to have a proper implementation. In fast everything is fine since the error matrix is what you impose in the simulation.

Lu, your plot is wrong, if you use a mass constraint fit then you force your background to stay inside your peak. The fit is not done to remove background, but to select your events once you have already removed the background.
