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Subject: Re: Cut in energy for EMC hit and digi  
Posted by [Stefano Spataro](#) on Thu, 18 Dec 2014 11:02:31 GMT  
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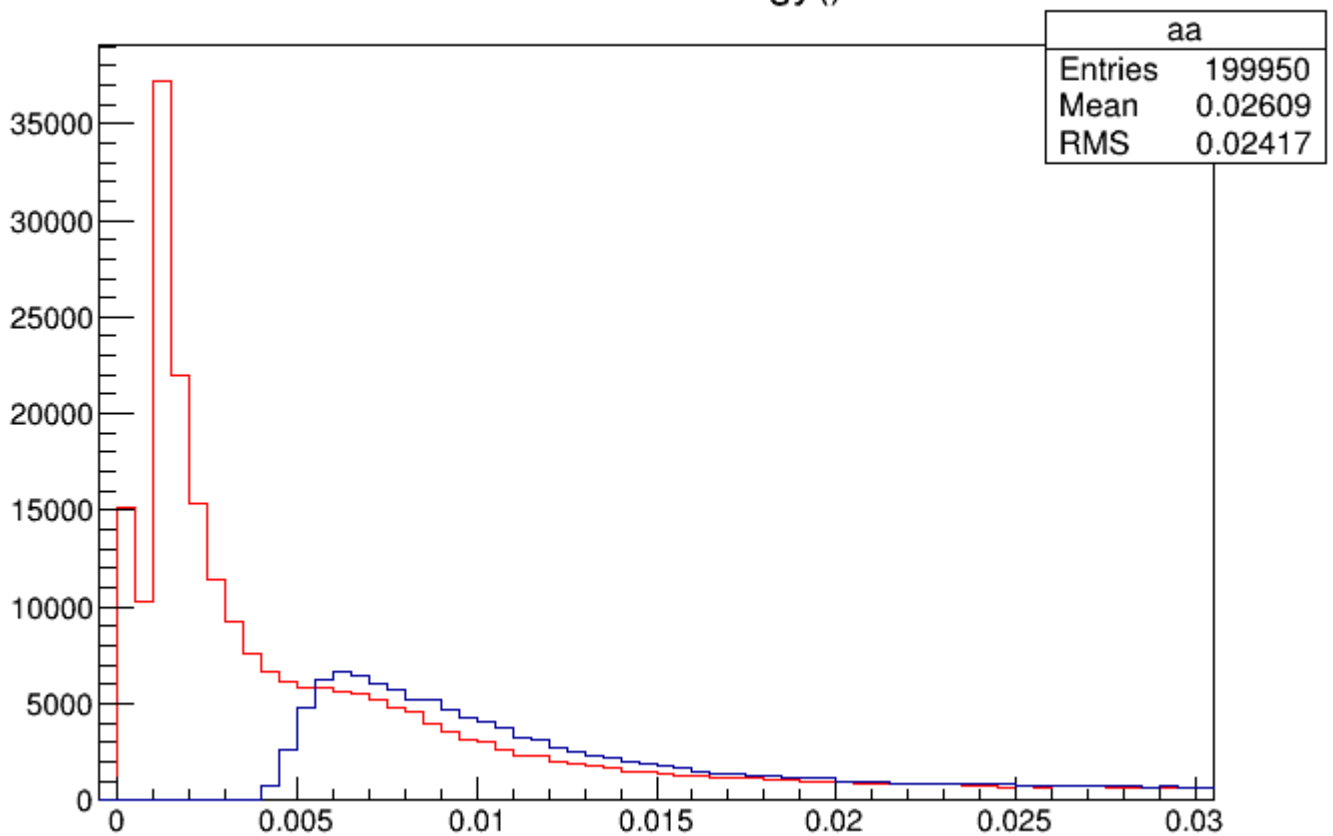
I plotted together the hit energy (red) and the digi energy (in blue) in 10k events of  $\psi(3686) \rightarrow j/\psi \pi^+ \pi^-$ :

and now hit vs digi:

Most probably a cut of 2 MeV could be enough to remove a lot of noise. What do you think?

### File Attachments

1) [emc\\_hitdigi\\_ene.gif](#), downloaded 1376 times  
EmcHit.GetEnergy()



2) [emc\\_hitdigi\\_2D.gif](#), downloaded 1327 times

EmcHit[EmcDigi.GetHitIndex()].GetEnergy():EmcDigi.GetEnergy() {EmcDigi.GetModule()<5}

