Subject: Re: Delta from Krivoruchenko
Posted by Adrian Dybczak on Tue, 11 Oct 2011 11:51:52 GMT
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As we can see BR ratio in the pole is OK.
Also dGamma/dM is working fine.

I put distributions of Delta mass drawed for 1mln generated events directly from this macro (not in Log Scale).

This looks nice.

But for mas of (proton e+ e-) one can see

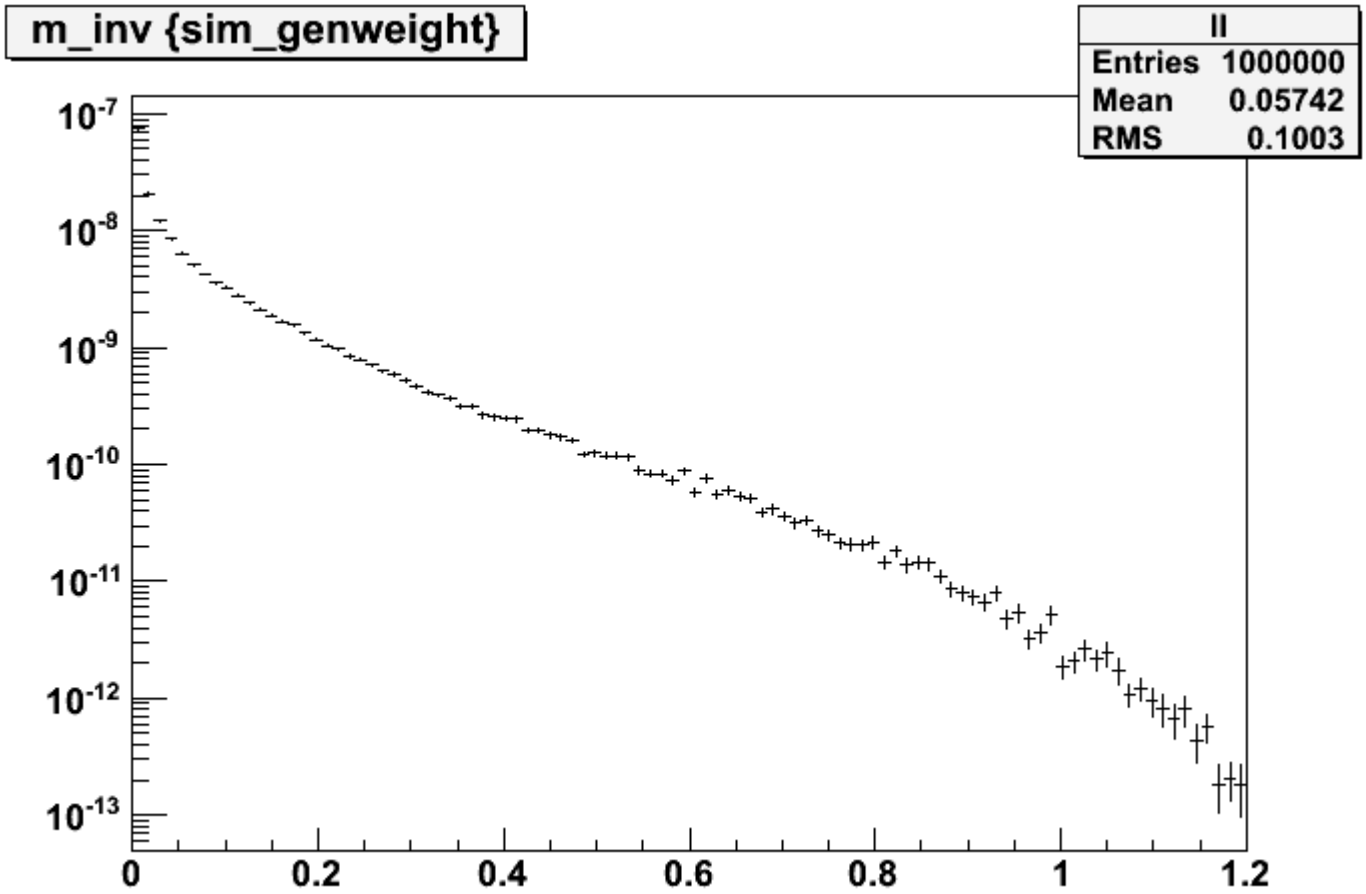
Question is: How large should be statistic to get smooth shape of Dalta tail? Because 1 mln is not enough as we can see.

By the way i thought that main goal to use flat gen was to make tail smoother. Do we have reversed result?

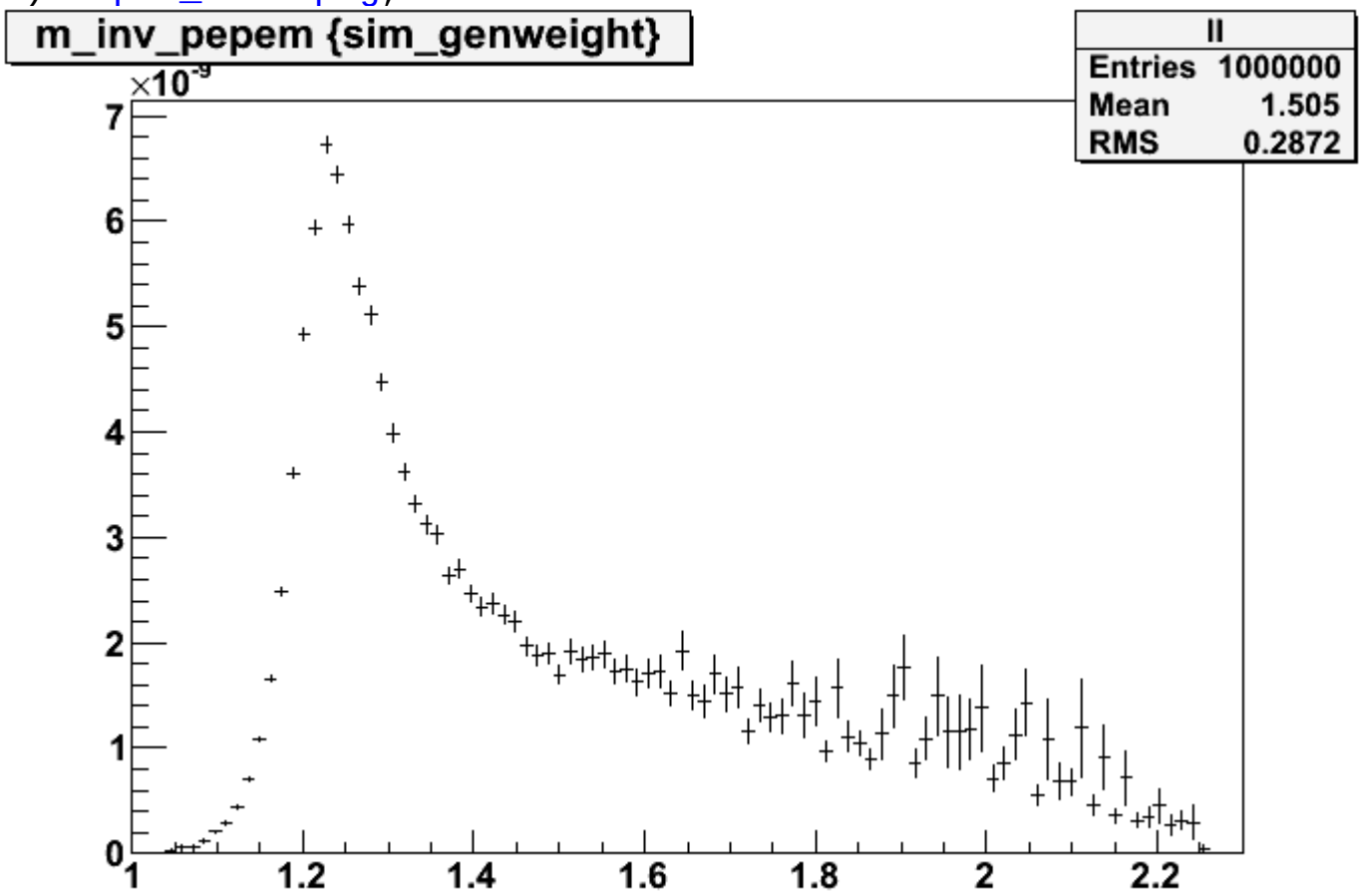
e+e- invariant mass looks quite smoothly.

File Attachments

1) EpEm_mass.png, downloaded 1317 times



2) PEpEm_mass.png, downloaded 1278 times



3) D_mass.png, downloaded 1258 times