Subject: Re: New PandaRoot release feb17
Posted by Alaa Dbeyssi on Tue, 28 Feb 2017 11:15:13 GMT
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Dear Tobias and all,
thank you very much for providing new official release for day1. I tried to make some tests (with ppbar->e+e- at 1.7 GeV/c) but there are few things that I did not understand if they come from my analysis code or from the version of PANDAROOT:

1- Peak of the reconstructed angle around 90° (Lab) (Fig.1, Fig2)
2-Deposit energy in the EMC at transition region between barrel and forward is zero (Fig3)

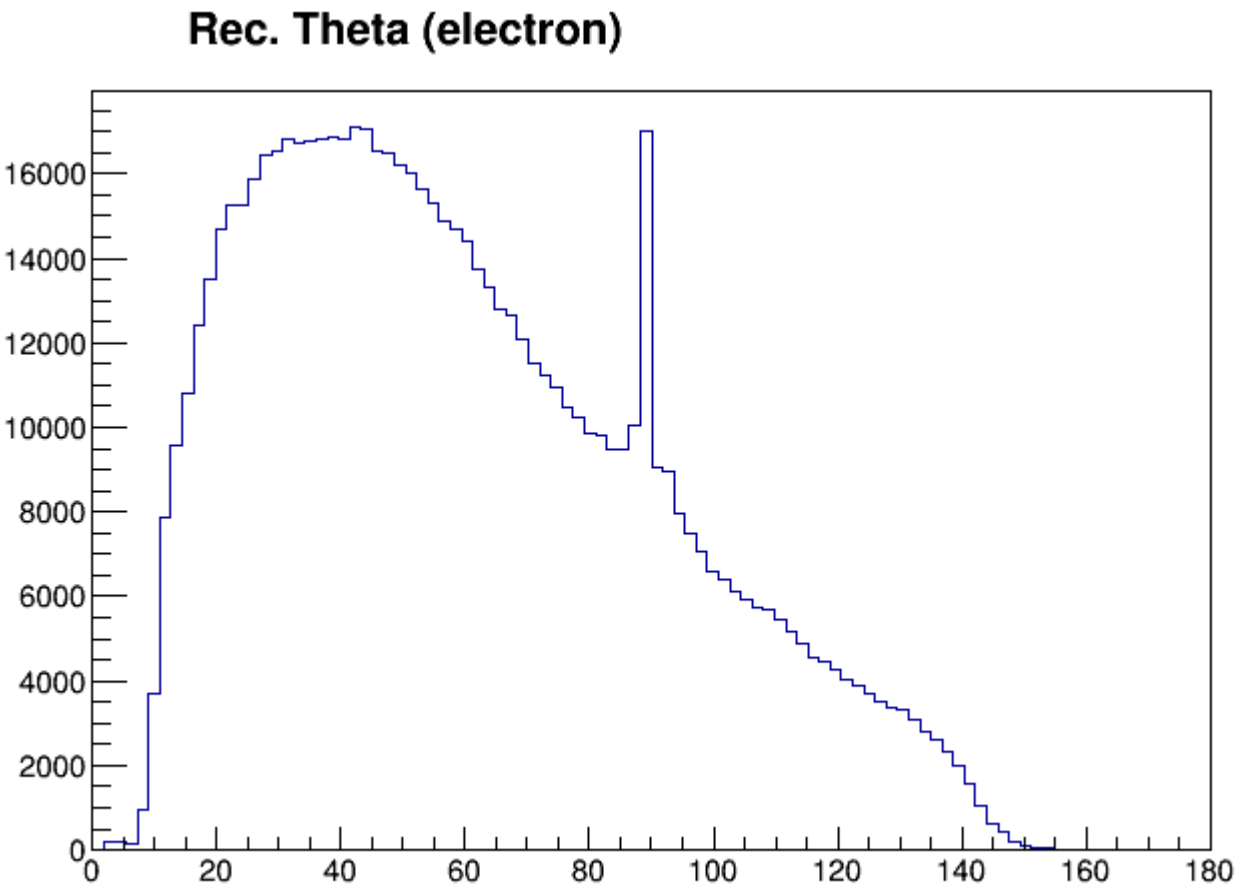
Macros are from "macro/day1/" of the feb17 release.

Thank you,

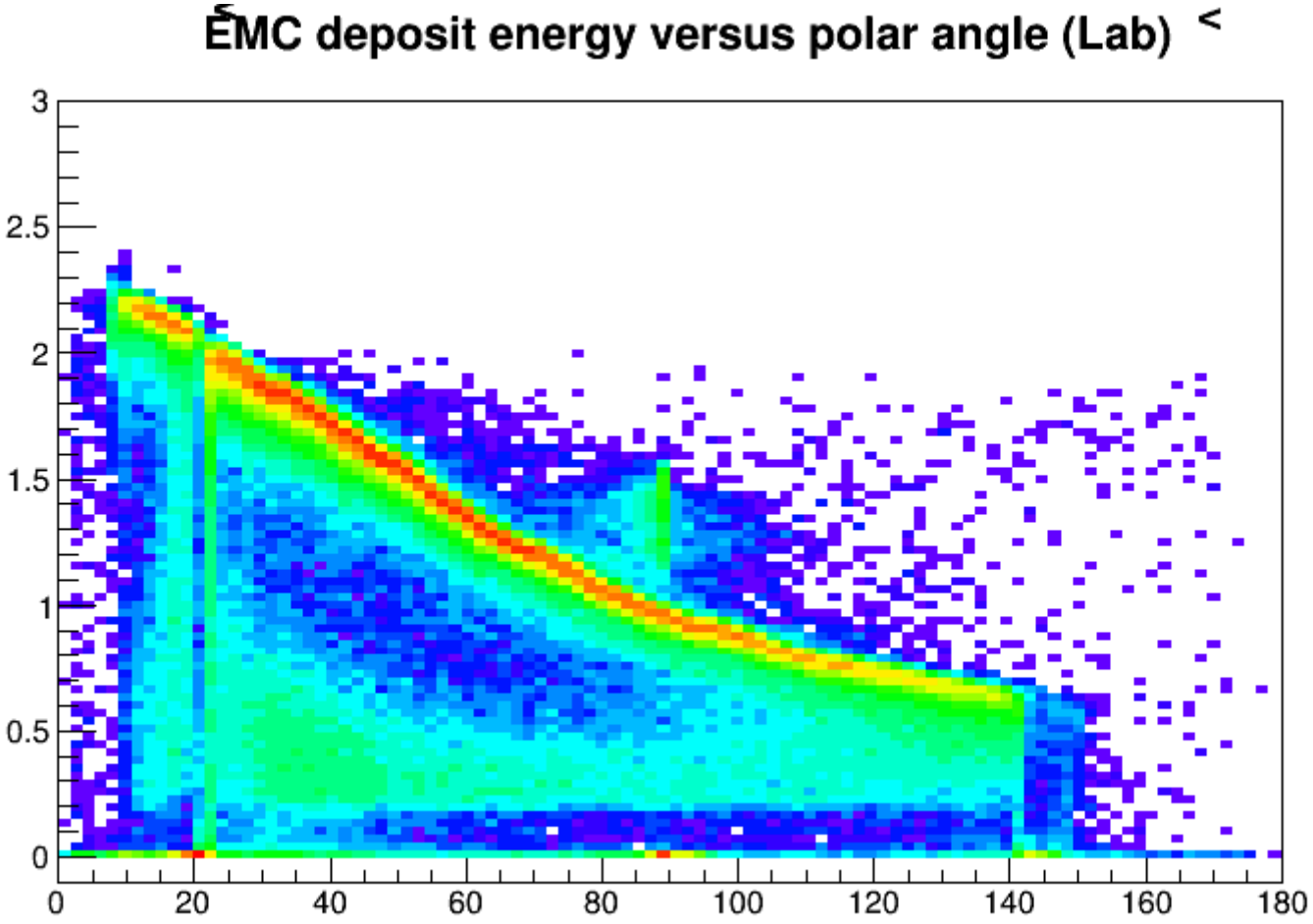
Alaa

File Attachments

1) Fig1_Rec_theta_Electron.png, downloaded 730 times



2) Fig2_Rec_MC_Theta_1p7GeVc_Electron.pdf, downloaded 398 times
3) Fig_3_EMC_ENE_Theta.png, downloaded 720 times


EMC deposit energy versus polar angle (Lab)
3
2.5
2
1.5
1
0.5
0
0
20
40
60
80
100
120
140
160
180