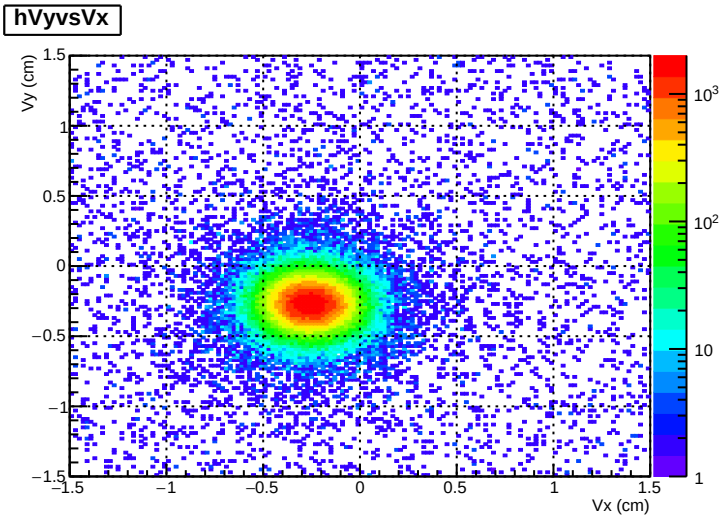
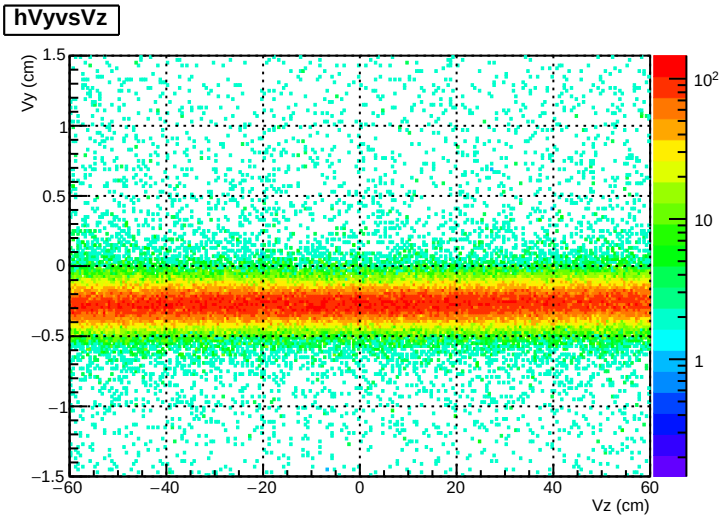
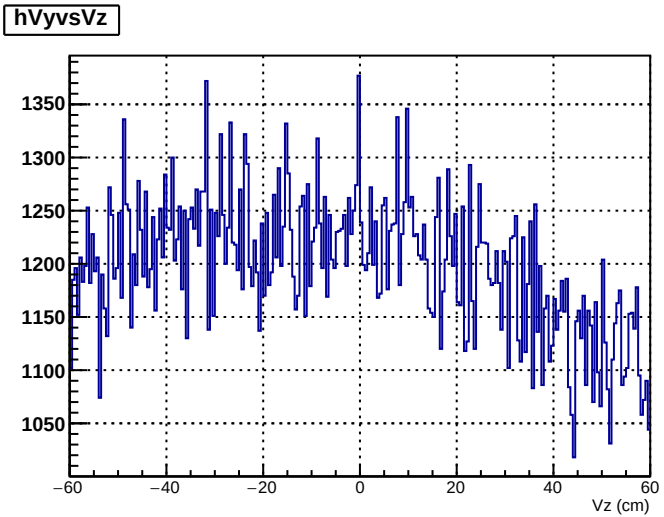
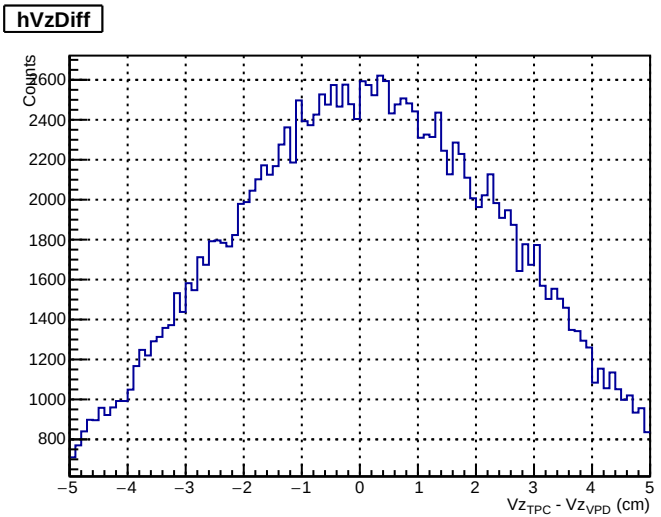
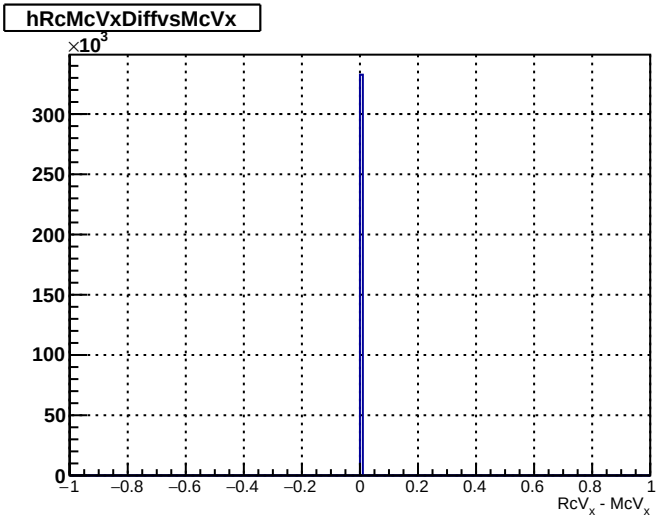
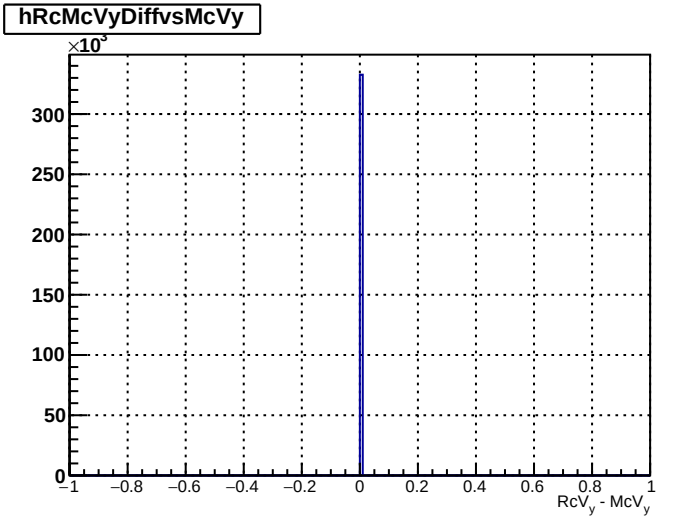

hVyvsVx
Vy (cm)
Vx (cm)

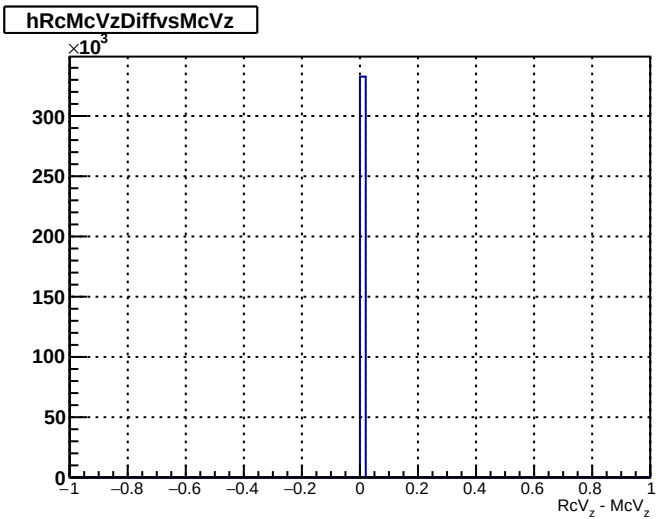

hVyvsVz
Vy (cm)
Vz (cm)


hVyvsVz
Vz (cm)

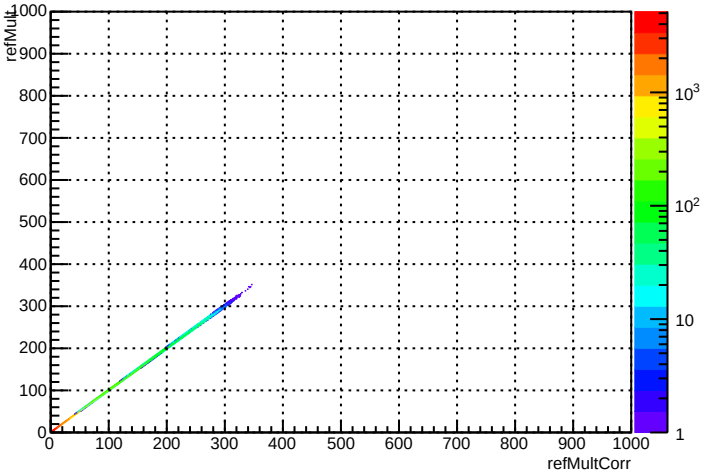

hVzDiff
Counts
Vz_TPC - Vz_VPD (cm)


hRcMcVxDiffvsMcVx
×10^3
300
250
200
150
100
50
0
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
RcV_x - McV_x

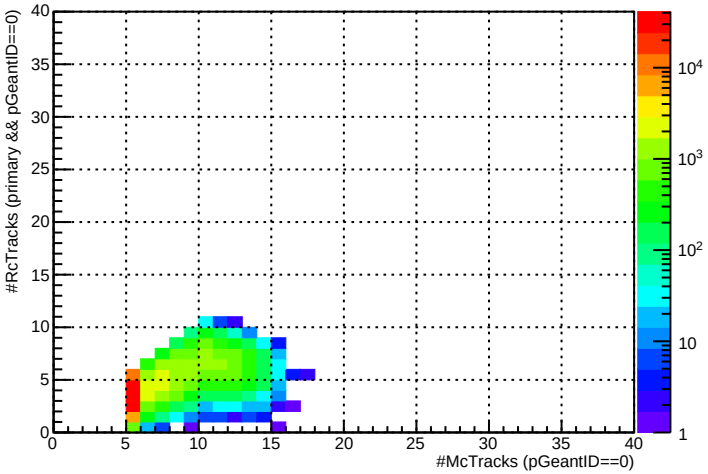

hRcMcVyDiffvsMcVy
×10^3
300
250
200
150
100
50
0
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
RcV_y - McV_y

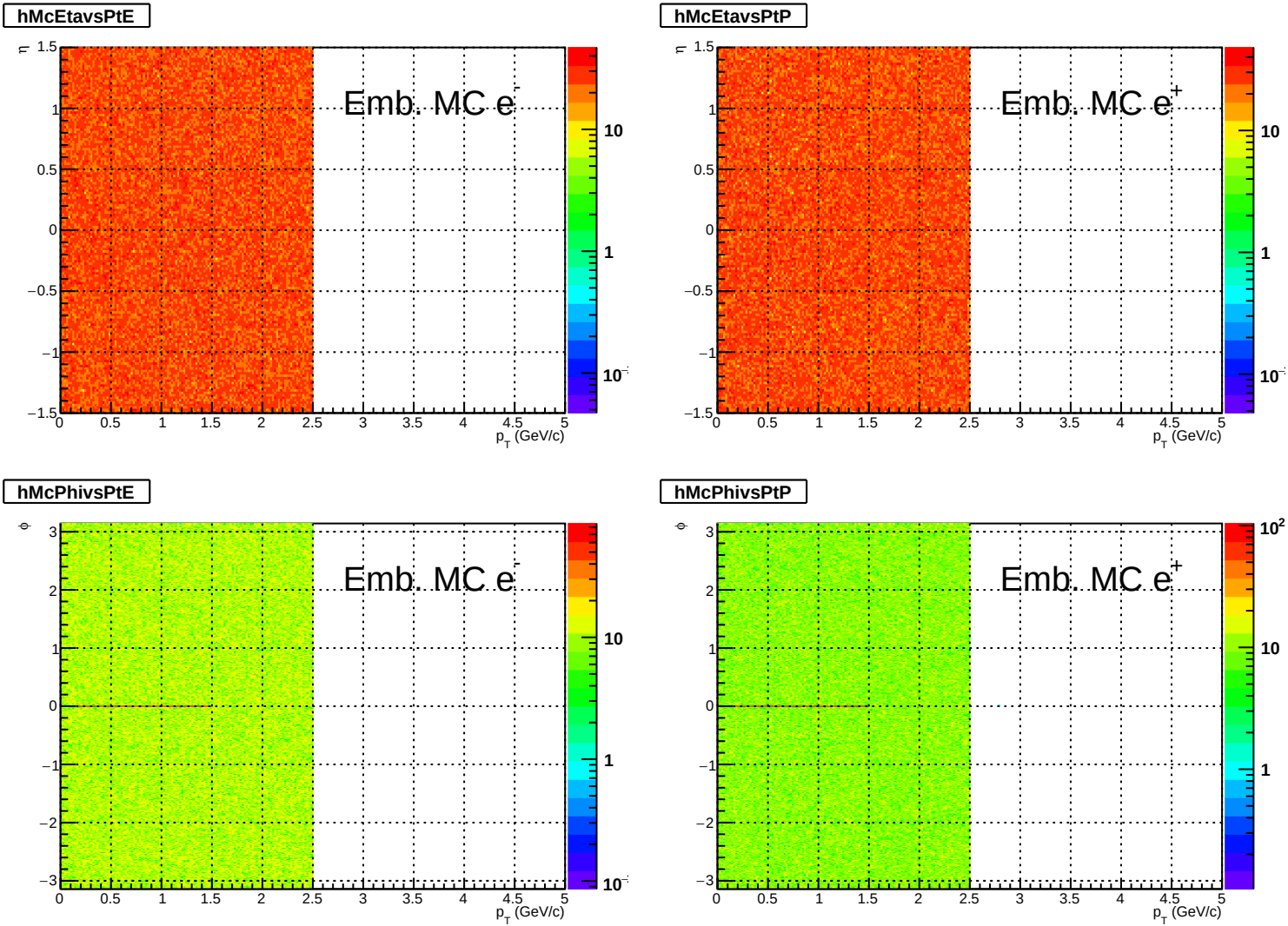

hRcMcVzDiffvsMcVz
×10^3
300
250
200
150
100
50
0
−1
−0.8
−0.6
−0.4
−0.2
0
0.2
0.4
0.6
0.8
1
RcV_z - McV_z

hRefMultvsRefMultCorr

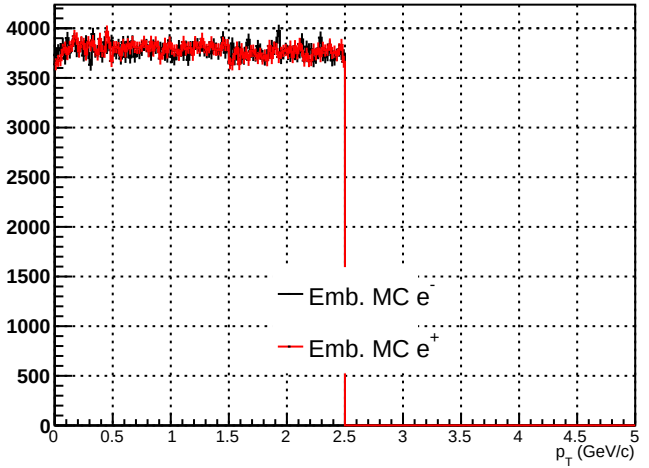


hNMatchTrksvsInputTrks

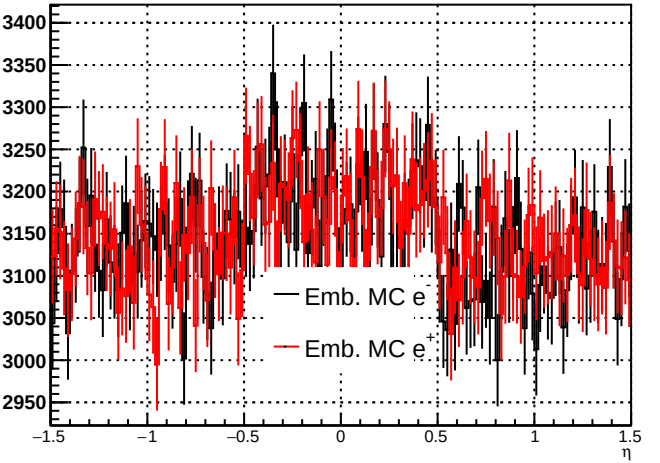



hMcEtavsPtE
Emb. MC e-
hMcEtavsPtP
Emb. MC e+
hMcPhivsPtE
Emb. MC e-
hMcPhivsPtP
Emb. MC e+
η
φ
p_T (GeV/c)

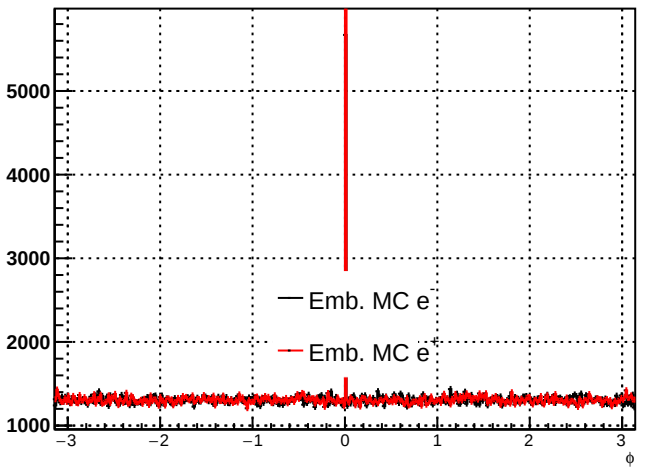
hMcEtavsPtE



hMcEtavsPtE



hMcPhivsPtE



Compare Embedded Electron and Positron with Data

Event Level Cuts:

$|V_x| > 0 \;\|\; |V_y| > 0 \;\|\; |V_z| > 0$

$\sqrt{V_x^2+V_y^2} < 2.0$ cm

$|V_z| < 30.0$ cm

$|VpdV_z - TpcV_z| < 3.0$ cm

Track Level Cuts:

$p_T >= 0.2$ GeV/c nHitsFit >= 15 nHitsDedx >= 15

$|\eta| <= 1.0$ ratio >= 0.52 dca <= 2.5 cm

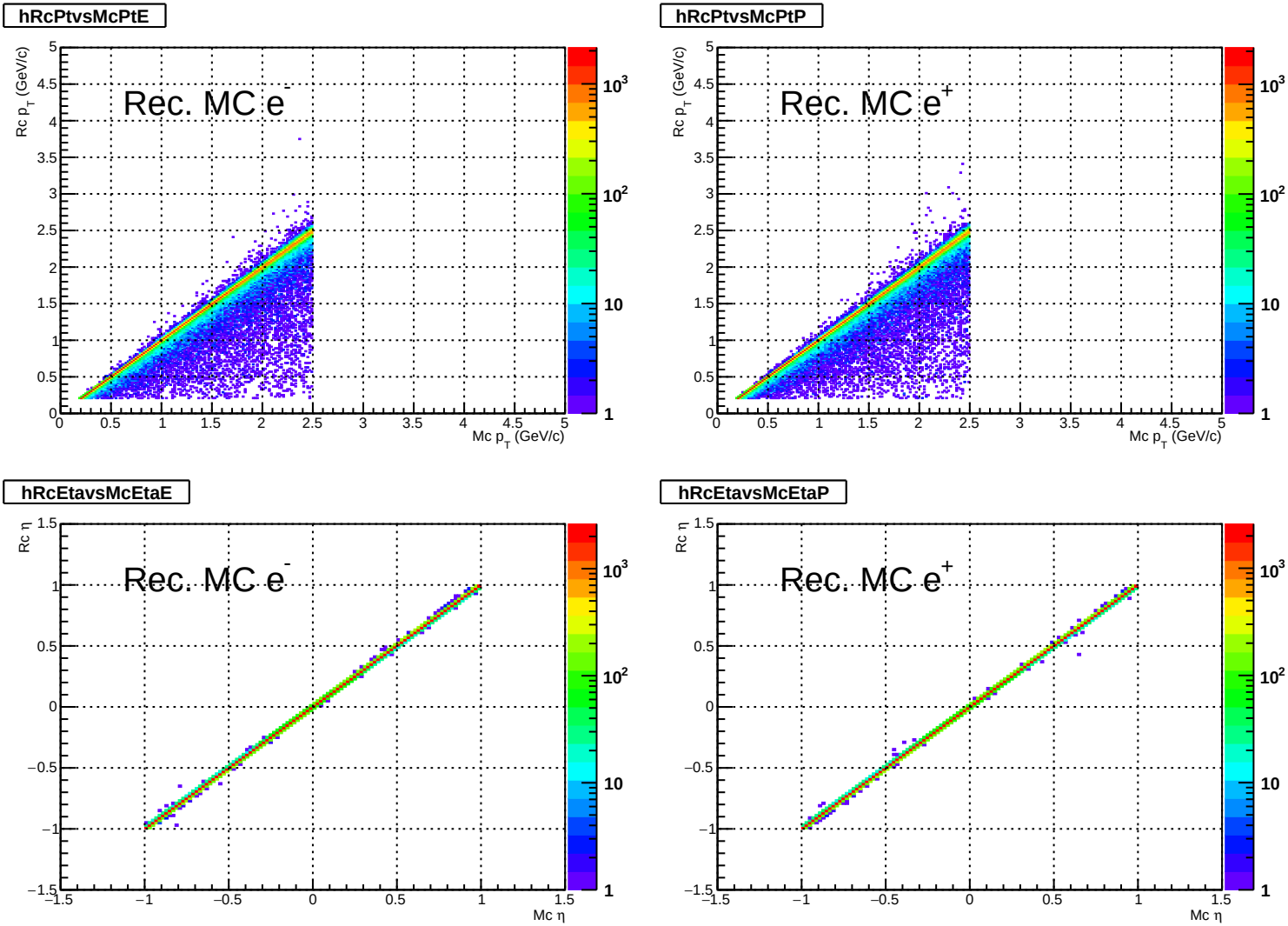
Data:

For e: $1.5625*p-2.5625<n\sigma_e<1.66$ (p<1 GeV/c) $-1.09<n\sigma_e<1.66$ (p>=1 GeV/c) $|1-1/\beta| <= 0.025$

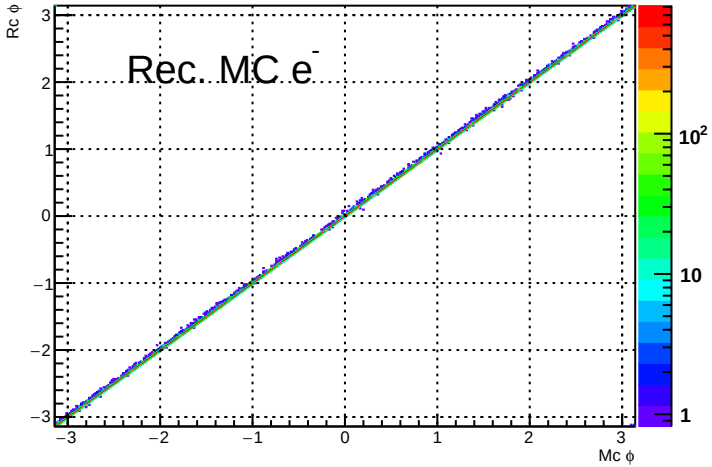
For π: $|n\sigma_\pi| <= 2.0$ $|m_\pi^2 - 0.019| <= 0.003$

Embedding:

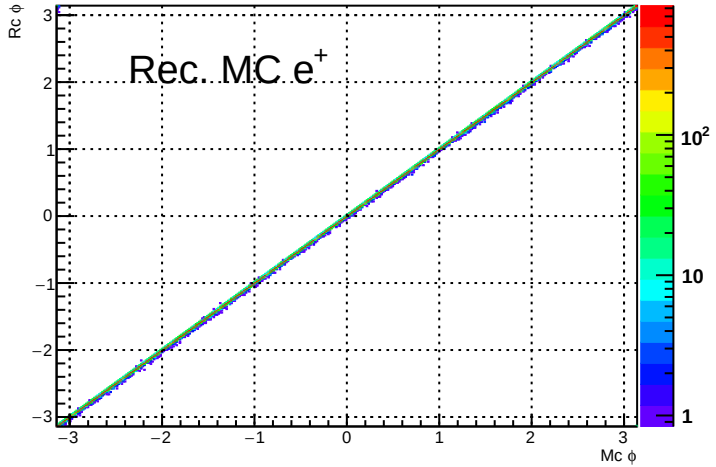
parent GeantId == 0 $|\eta| <= 1.0$

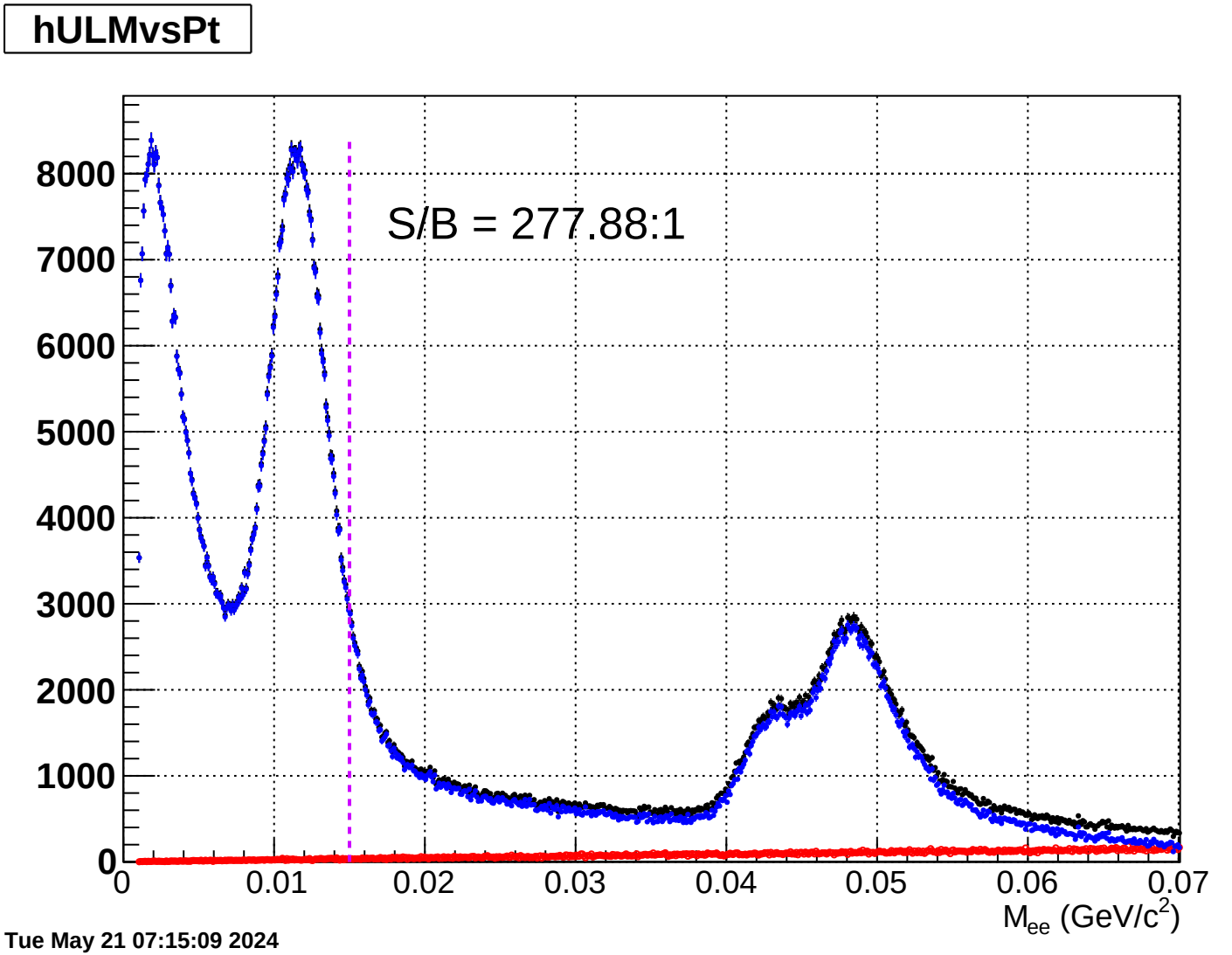

hRcPtvsMcPtE
Rec. MC e-
Rc pT (GeV/c)
Mc pT (GeV/c)
hRcPtvsMcPtP
Rec. MC e+
Rc pT (GeV/c)
Mc pT (GeV/c)
hRcEtavsMcEtaE
Rec. MC e-
Rc η
Mc η
hRcEtavsMcEtaP
Rec. MC e+
Rc η
Mc η

hRcPhivsMcPhiE



hRcPhivsMcPhiP




hULMvsPt
S/B = 277.88:1
8000
7000
6000
5000
4000
3000
2000
1000
0
0
0.01
0.02
0.03
0.04
0.05
0.06
0.07
M_{ee} (GeV/c^2)
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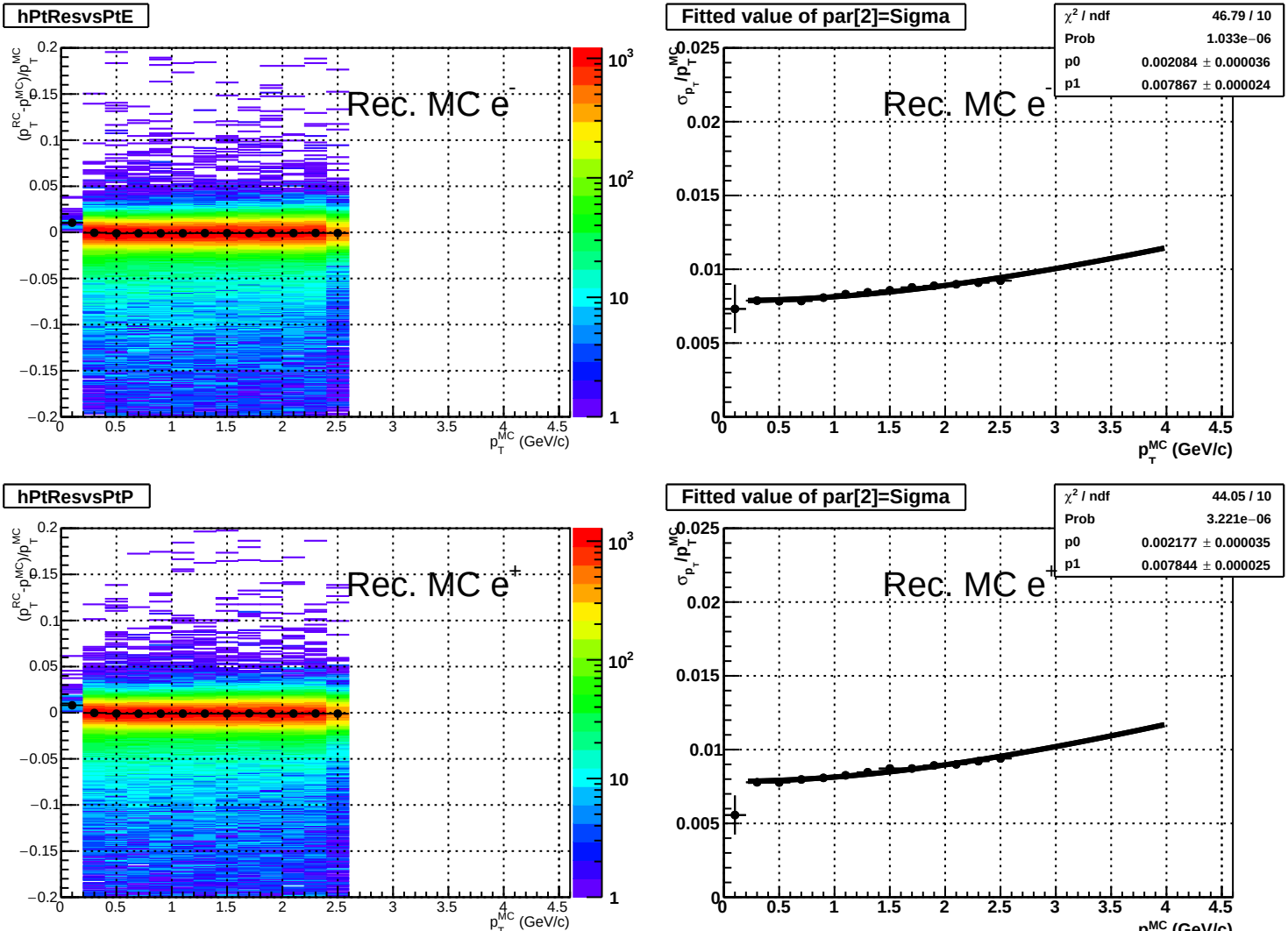
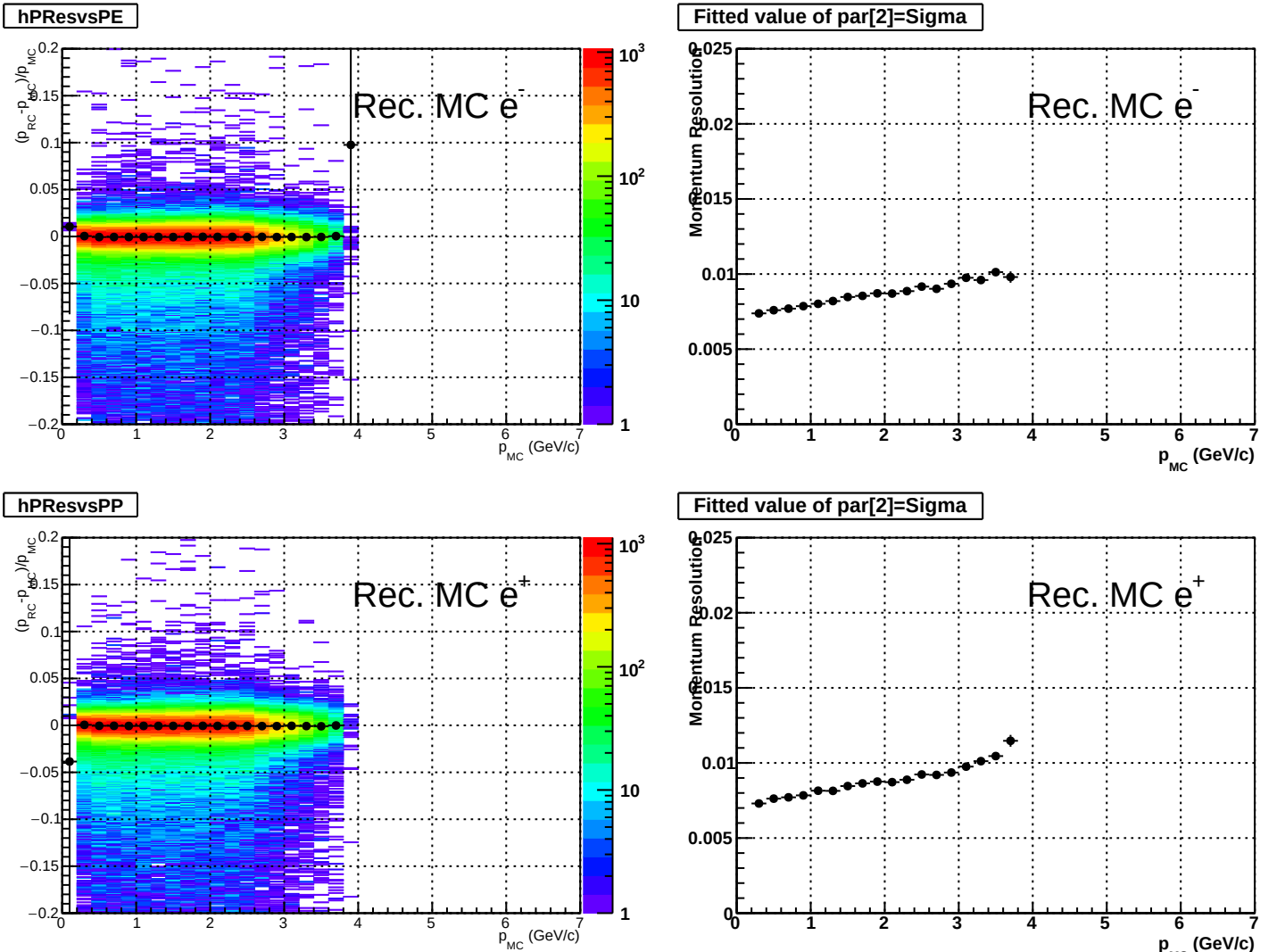
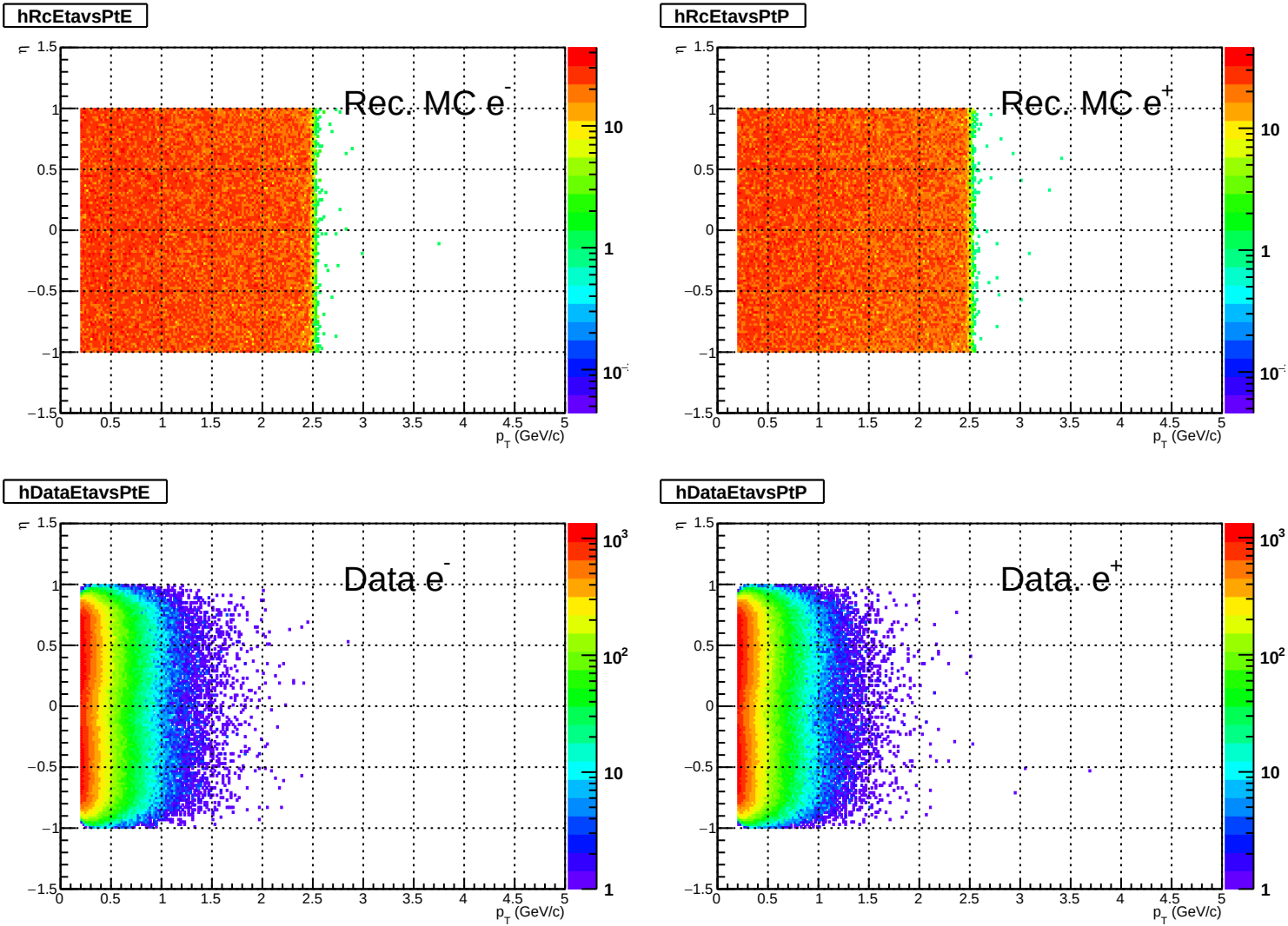
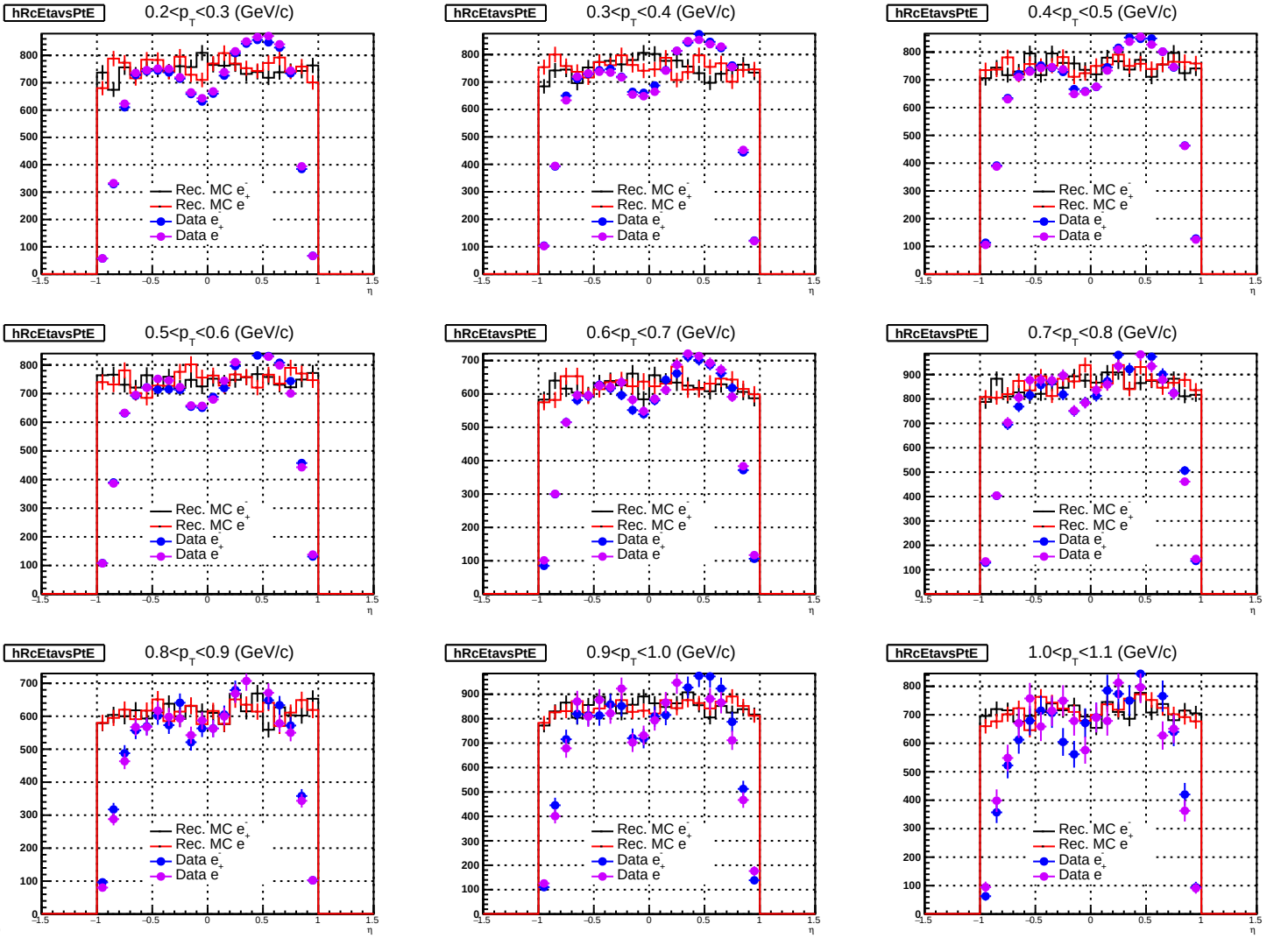
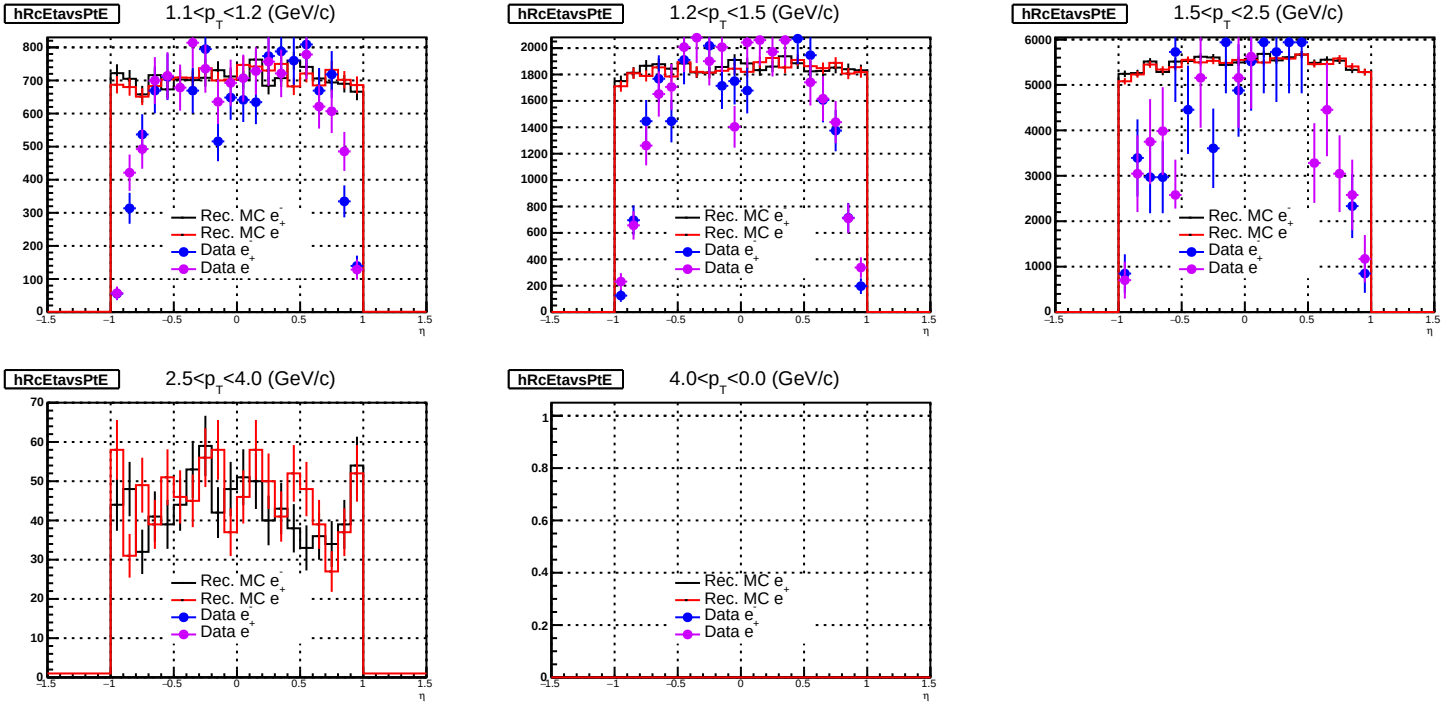

hPtResvsPtE
Rec. MC e-
$(p_T^{RC}-p_T^{MC})/p_T^{MC}$
p_T^{MC} (GeV/c)
Fitted value of par[2]=Sigma
Rec. MC e-
σ_{p_T}/p_T^{MC}
p_T^{MC} (GeV/c)
χ^2 / ndf 46.79 / 10
Prob 1.033e−06
p0 0.002084 ± 0.000036
p1 0.007867 ± 0.000024
hPtResvsPtP
Rec. MC e+
$(p_T^{RC}-p_T^{MC})/p_T^{MC}$
p_T^{MC} (GeV/c)
Fitted value of par[2]=Sigma
Rec. MC e+
σ_{p_T}/p_T^{MC}
p_T^{MC} (GeV/c)
χ^2 / ndf 44.05 / 10
Prob 3.221e−06
p0 0.002177 ± 0.000035
p1 0.007844 ± 0.000025


hPResvsPE
Rec. MC e-
(pRC-pMC)/pMC
pMC (GeV/c)
Fitted value of par[2]=Sigma
Rec. MC e-
Momentum Resolution
pMC (GeV/c)
hPResvsPP
Rec. MC e+
(pRC-pMC)/pMC
pMC (GeV/c)
Fitted value of par[2]=Sigma
Rec. MC e+
Momentum Resolution
pMC (GeV/c)


hRcEtavsPtE
Rec. MC e-
hRcEtavsPtP
Rec. MC e+
hDataEtavsPtE
Data e-
hDataEtavsPtP
Data e+
η
p_T (GeV/c)


hRcEtavsPtE
0.2<p_T<0.3 (GeV/c)
0.3<p_T<0.4 (GeV/c)
0.4<p_T<0.5 (GeV/c)
0.5<p_T<0.6 (GeV/c)
0.6<p_T<0.7 (GeV/c)
0.7<p_T<0.8 (GeV/c)
0.8<p_T<0.9 (GeV/c)
0.9<p_T<1.0 (GeV/c)
1.0<p_T<1.1 (GeV/c)
Rec. MC e-+
Rec. MC e-
Data e-+
Data e-
η



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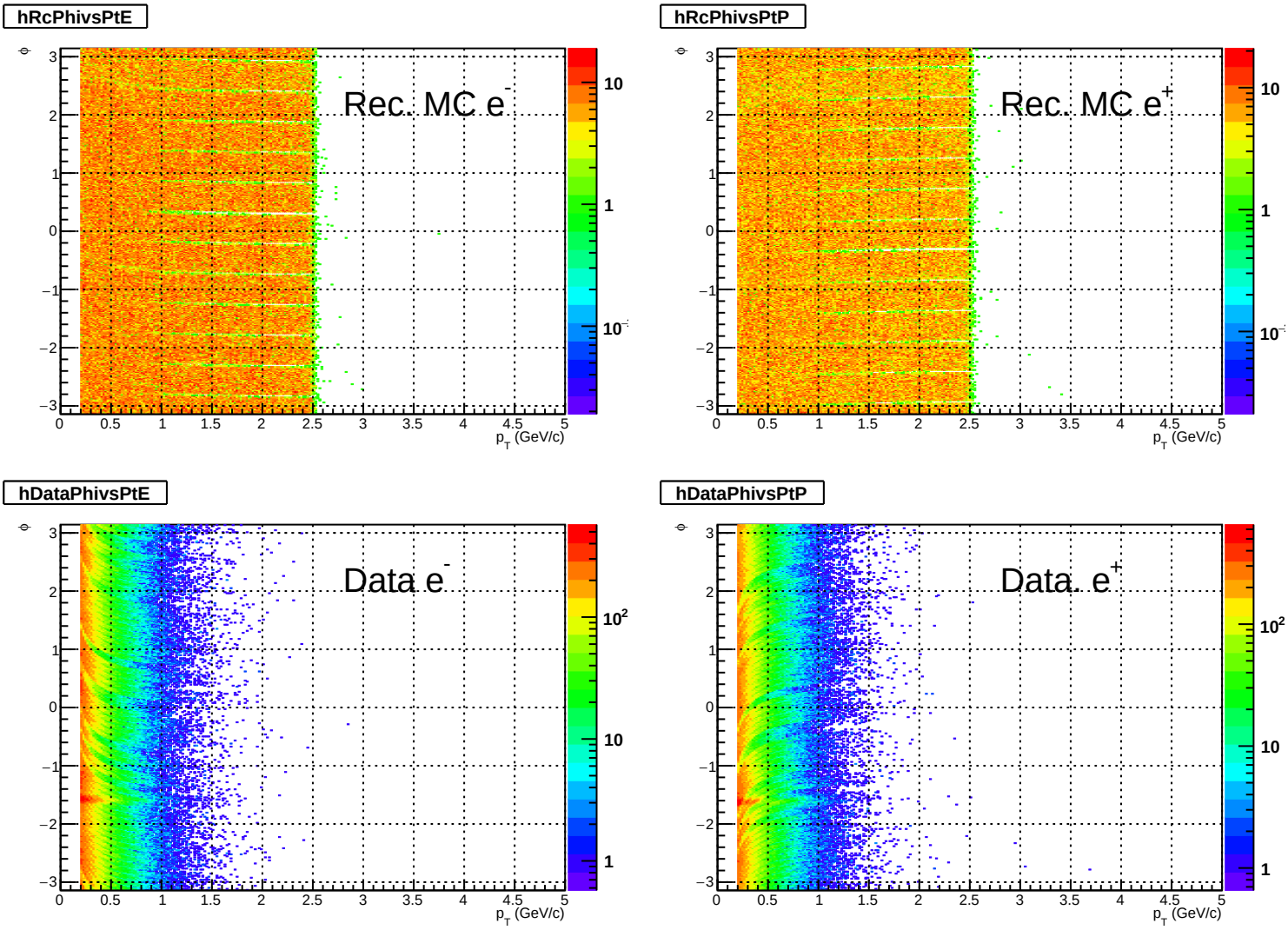
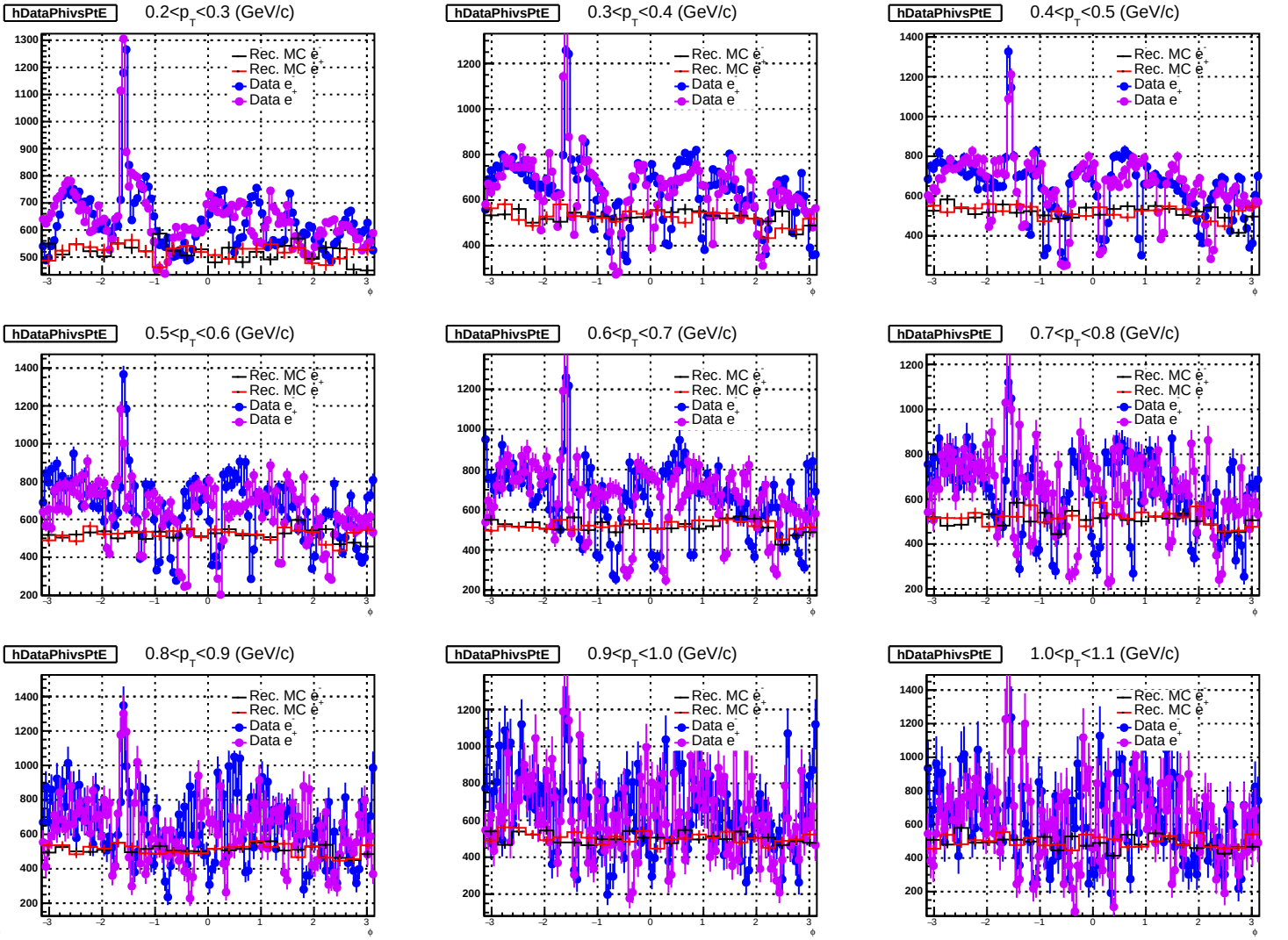
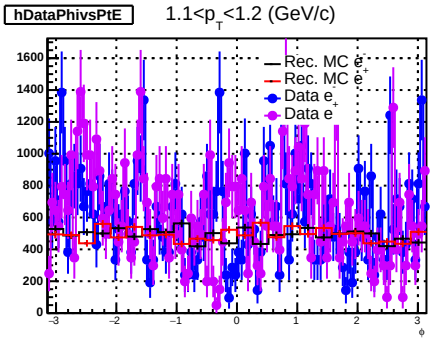
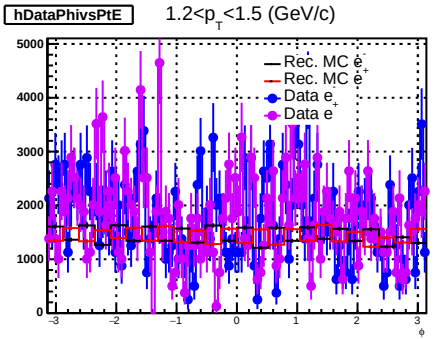
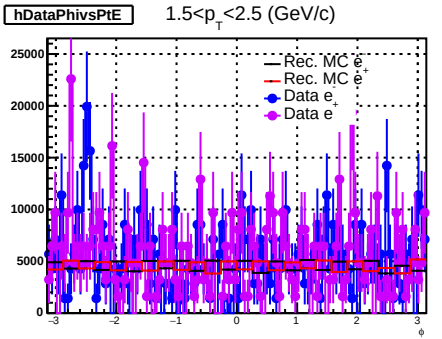

hRcPhivsPtE
Rec. MC e-
hRcPhivsPtP
Rec. MC e+
hDataPhivsPtE
Data e-
hDataPhivsPtP
Data e+
φ
pT (GeV/c)


hDataPhivsPtE
0.2<p_T<0.3 (GeV/c)
0.3<p_T<0.4 (GeV/c)
0.4<p_T<0.5 (GeV/c)
0.5<p_T<0.6 (GeV/c)
0.6<p_T<0.7 (GeV/c)
0.7<p_T<0.8 (GeV/c)
0.8<p_T<0.9 (GeV/c)
0.9<p_T<1.0 (GeV/c)
1.0<p_T<1.1 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
φ







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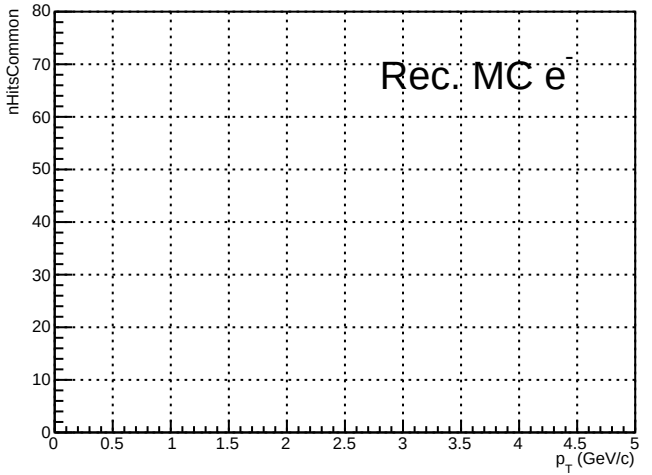
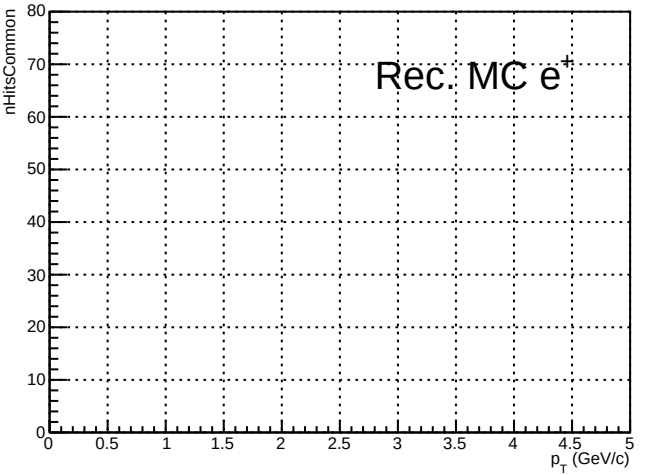
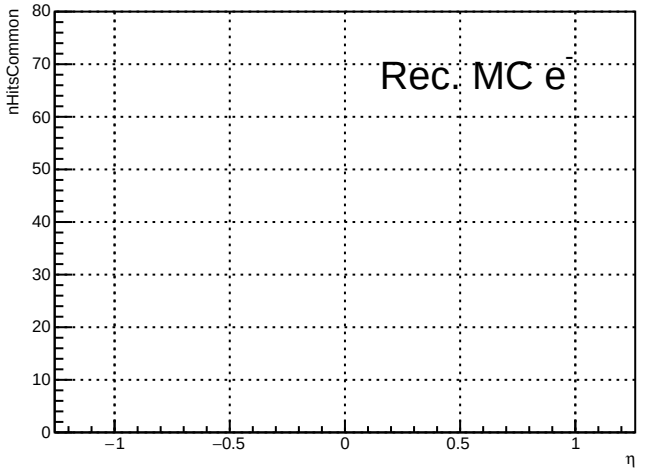
hRcNHitsCommonvsPtE



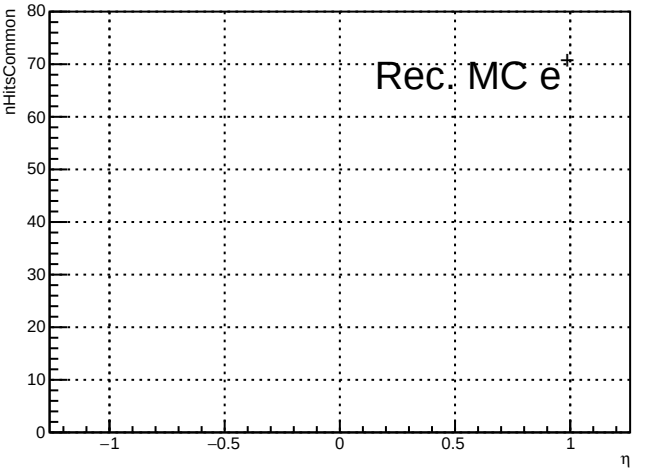
hRcNHitsCommonvsPtP



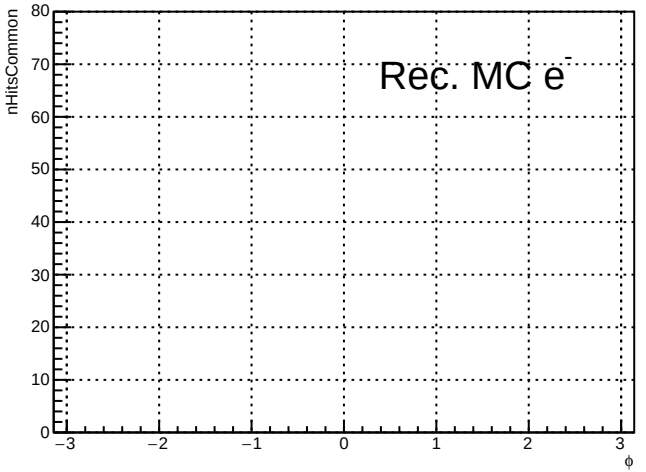
hRcNHitsCommonvsEtaE



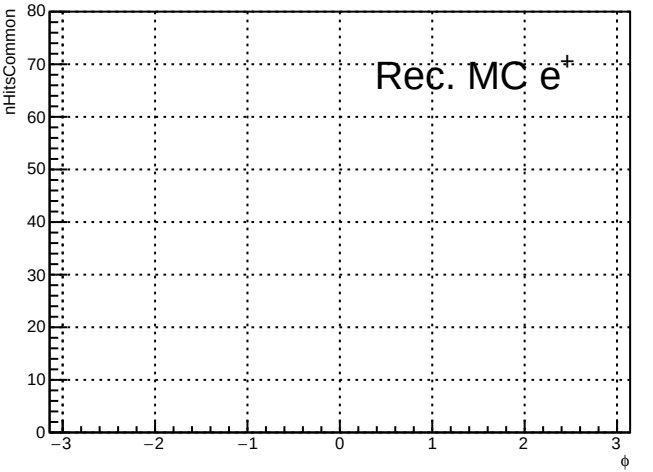
hRcNHitsCommonvsEtaP

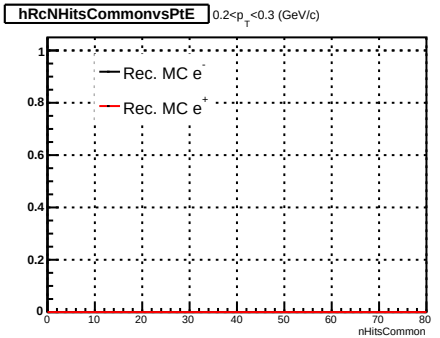


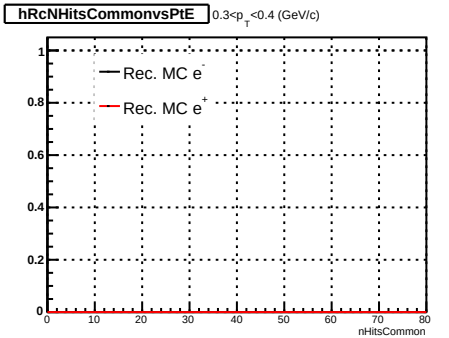
hRcNHitsCommonvsPhiE

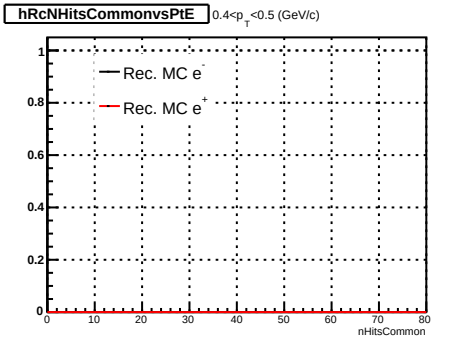


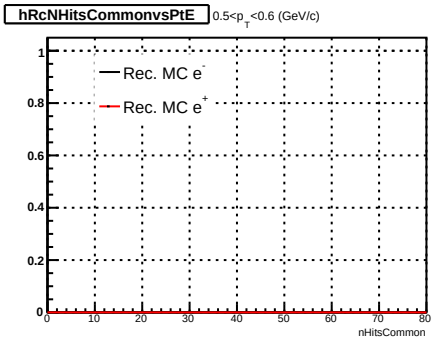
hRcNHitsCommonvsPhiP

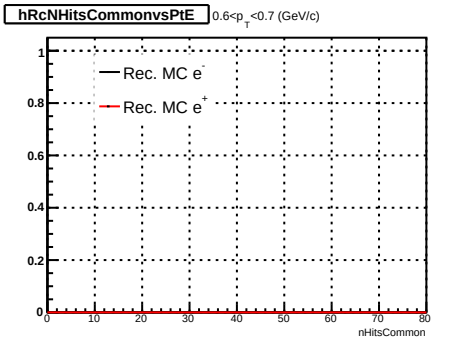


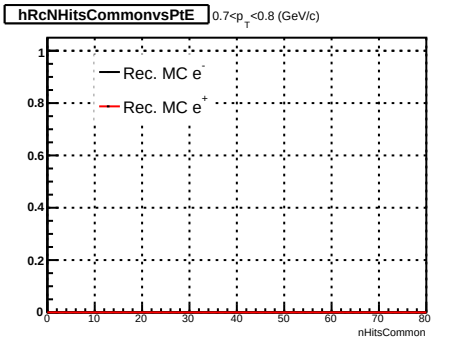

hRcNHitsCommonvsPtE
0.2<p_T<0.3 (GeV/c)
Rec. MC e-
Rec. MC e+
nHitsCommon

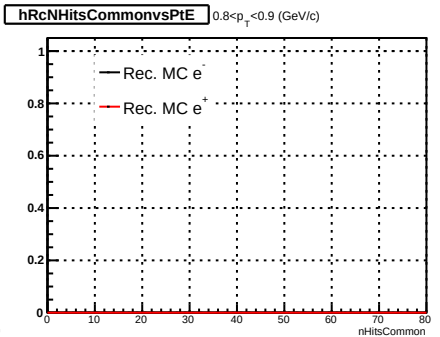

hRcNHitsCommonvsPtE
0.3<p_T<0.4 (GeV/c)
Rec. MC e-
Rec. MC e+
nHitsCommon

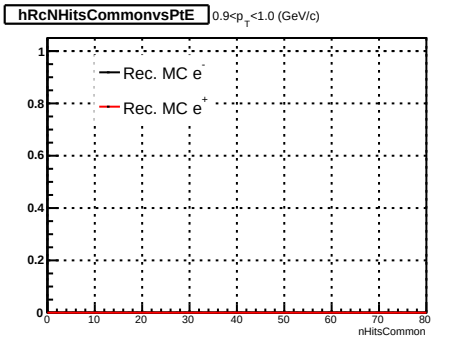

hRcNHitsCommonvsPtE
0.4<p_T<0.5 (GeV/c)
Rec. MC e-
Rec. MC e+
nHitsCommon

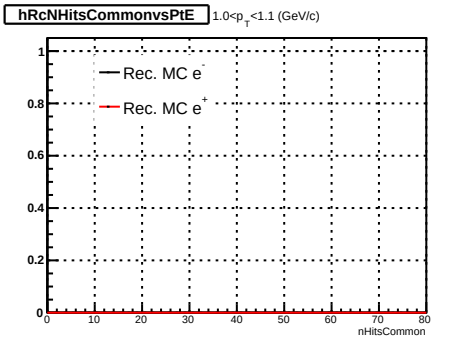

hRcNHitsCommonvsPtE
0.5<p_T<0.6 (GeV/c)
Rec. MC e-
Rec. MC e+
nHitsCommon

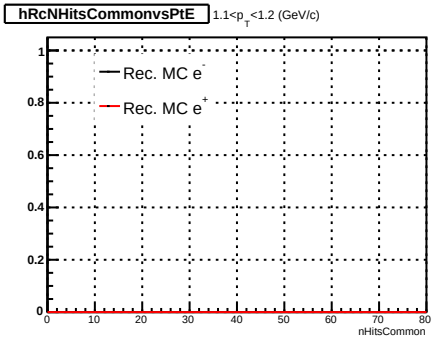

hRcNHitsCommonvsPtE
0.6<p_T<0.7 (GeV/c)
Rec. MC e-
Rec. MC e+
nHitsCommon

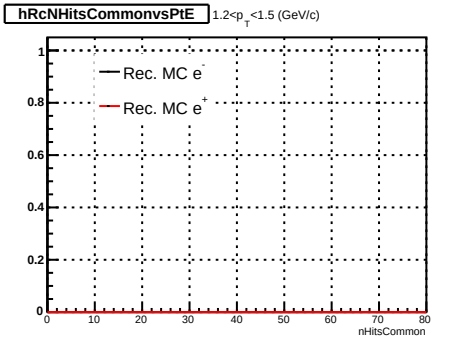

hRcNHitsCommonvsPtE
0.7<p_T<0.8 (GeV/c)
Rec. MC e-
Rec. MC e+
nHitsCommon

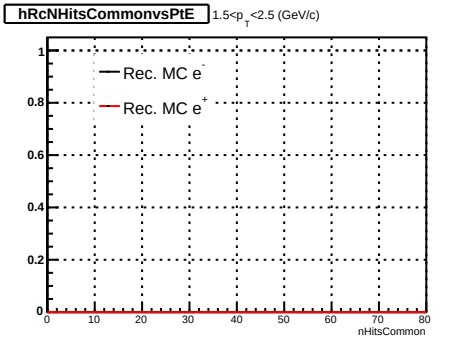

hRcNHitsCommonvsPtE
0.8<p_T<0.9 (GeV/c)
Rec. MC e-
Rec. MC e+
nHitsCommon

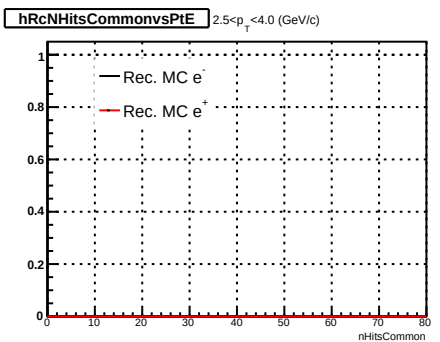

hRcNHitsCommonvsPtE
0.9<p_T<1.0 (GeV/c)
Rec. MC e-
Rec. MC e+
nHitsCommon

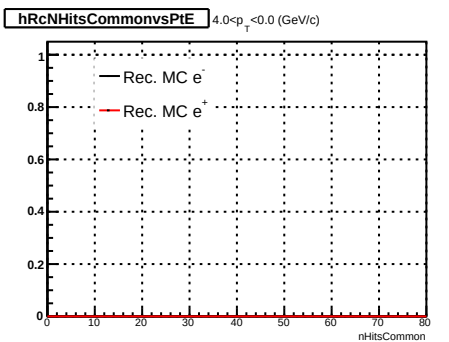

hRcNHitsCommonvsPtE
1.0<p_T<1.1 (GeV/c)
Rec. MC e-
Rec. MC e+
nHitsCommon











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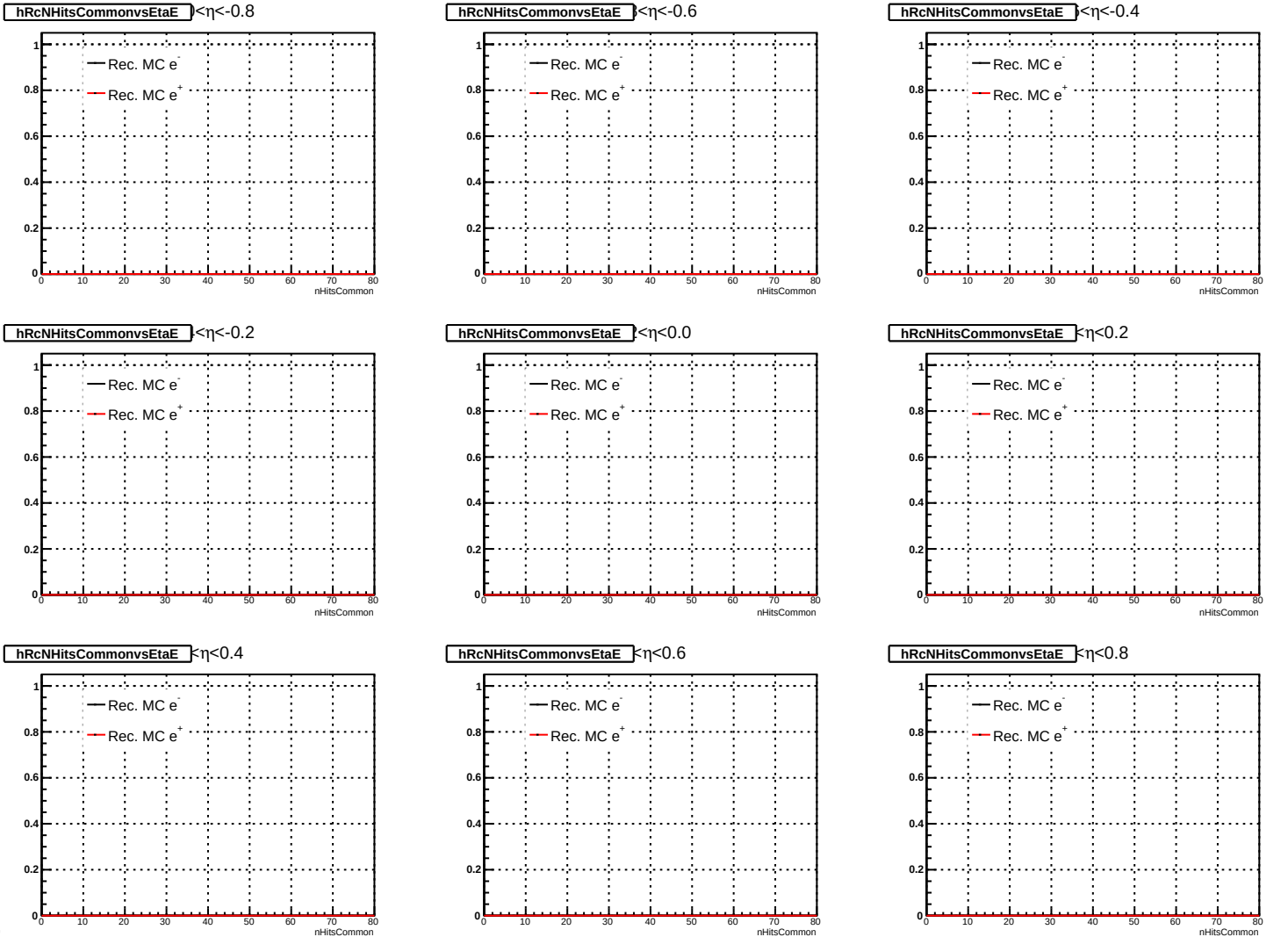
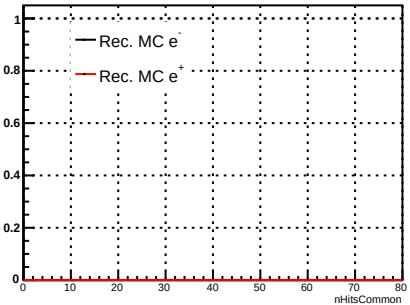

hRcNHitsCommonvsEtaE
<η<-0.8
hRcNHitsCommonvsEtaE
<η<-0.6
hRcNHitsCommonvsEtaE
<η<-0.4
hRcNHitsCommonvsEtaE
<η<-0.2
hRcNHitsCommonvsEtaE
<η<0.0
hRcNHitsCommonvsEtaE
<η<0.2
hRcNHitsCommonvsEtaE
<η<0.4
hRcNHitsCommonvsEtaE
<η<0.6
hRcNHitsCommonvsEtaE
<η<0.8
Rec. MC e-
Rec. MC e+
nHitsCommon

hRcNHitsCommonvsEtaE <η<1.0



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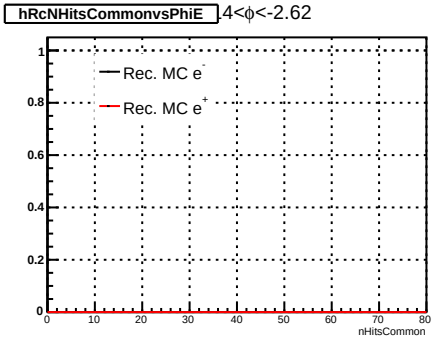
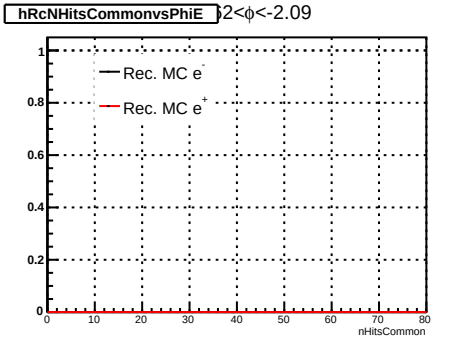
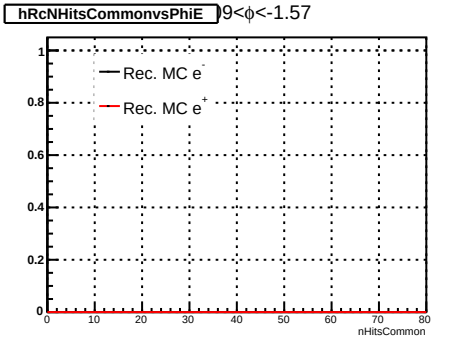
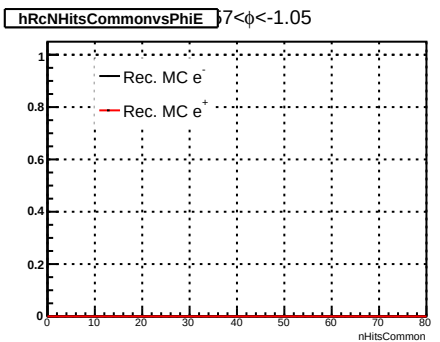
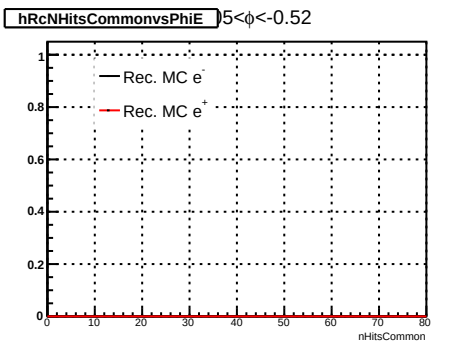
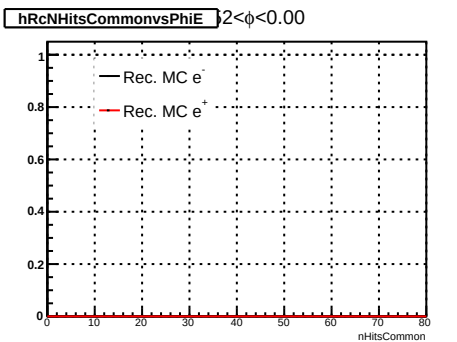

hRcNHitsCommonvsPhiE
4<ϕ<-2.62
Rec. MC e-
Rec. MC e+
nHitsCommon

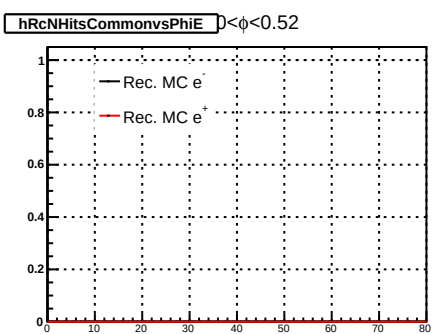

hRcNHitsCommonvsPhiE
2<ϕ<-2.09
Rec. MC e-
Rec. MC e+
nHitsCommon

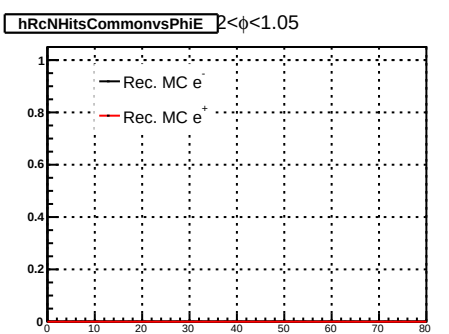

hRcNHitsCommonvsPhiE
9<ϕ<-1.57
Rec. MC e-
Rec. MC e+
nHitsCommon

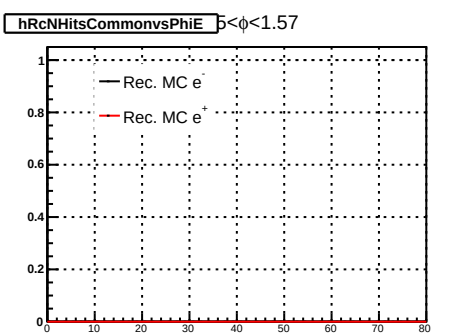

hRcNHitsCommonvsPhiE
7<ϕ<-1.05
Rec. MC e-
Rec. MC e+
nHitsCommon


hRcNHitsCommonvsPhiE
5<ϕ<-0.52
Rec. MC e-
Rec. MC e+
nHitsCommon

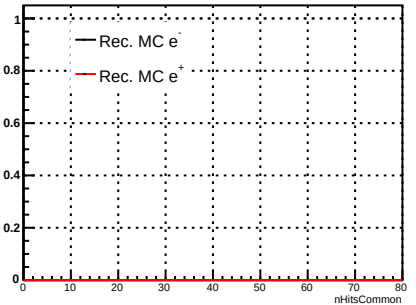

hRcNHitsCommonvsPhiE
2<ϕ<0.00
Rec. MC e-
Rec. MC e+
nHitsCommon


hRcNHitsCommonvsPhiE
0<ϕ<0.52
Rec. MC e-
Rec. MC e+
nHitsCommon

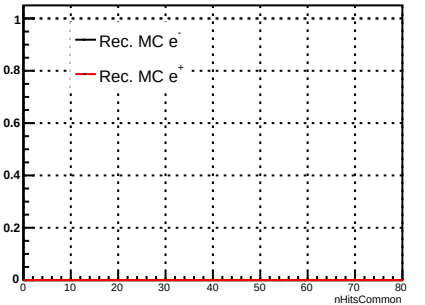

hRcNHitsCommonvsPhiE
2<ϕ<1.05
Rec. MC e-
Rec. MC e+
nHitsCommon


hRcNHitsCommonvsPhiE
5<ϕ<1.57
Rec. MC e-
Rec. MC e+
nHitsCommon

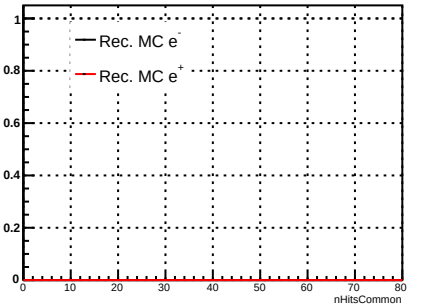
hRcNHitsCommonvsPhiE 7<ϕ<2.09



hRcNHitsCommonvsPhiE 9<ϕ<2.62



hRcNHitsCommonvsPhiE 2<ϕ<3.14



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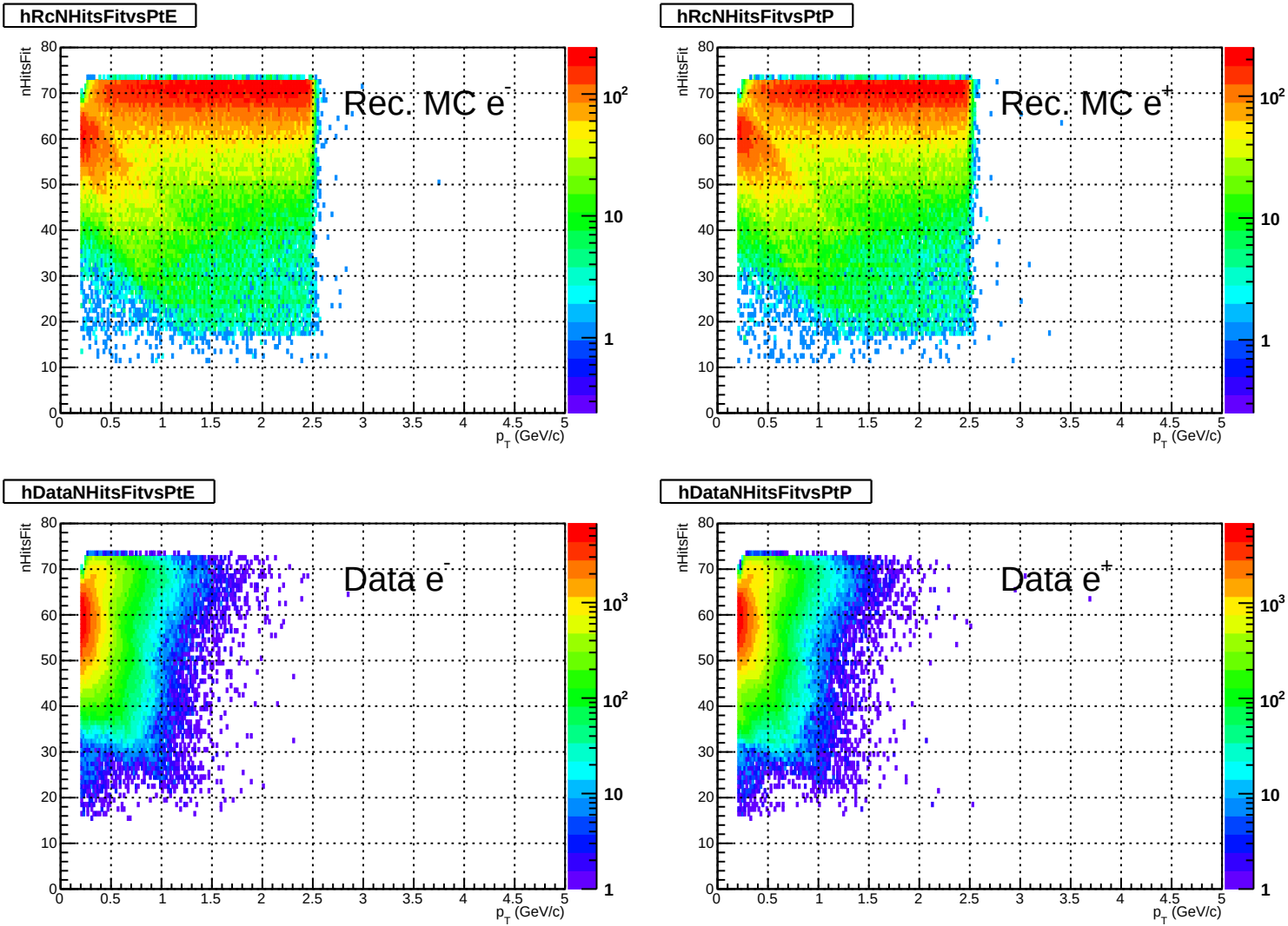
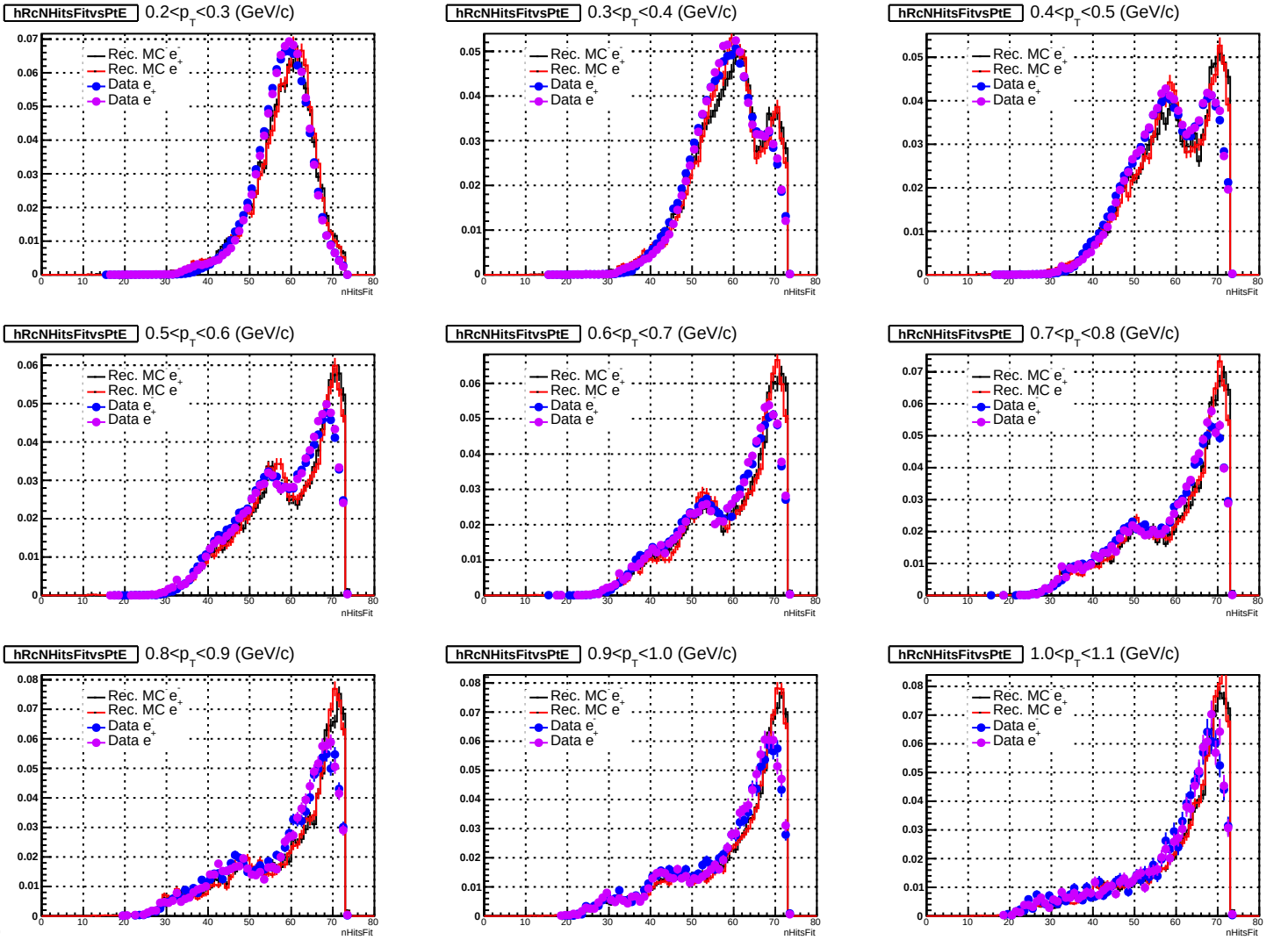
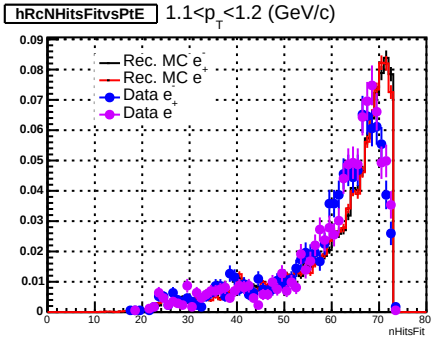
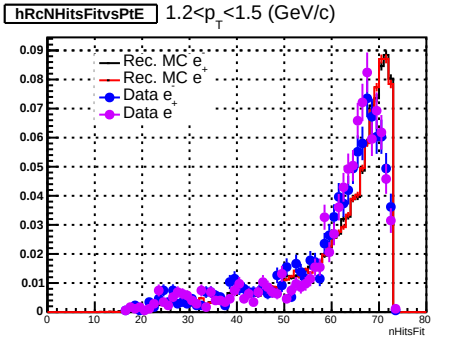
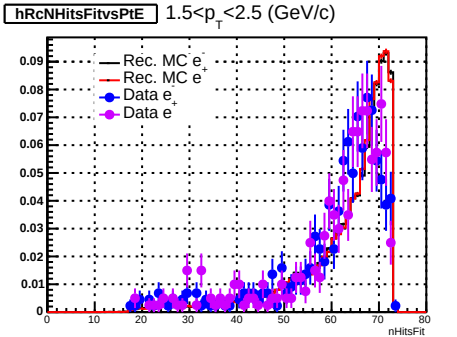
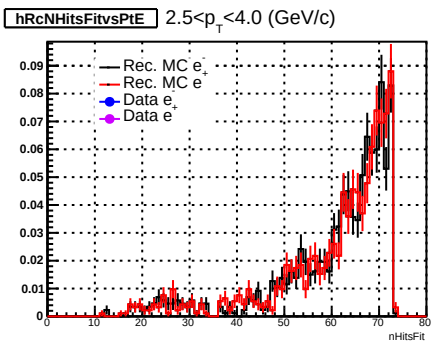

hRcNHitsFitvsPtE
Rec. MC e-
hRcNHitsFitvsPtP
Rec. MC e+
hDataNHitsFitvsPtE
Data e-
hDataNHitsFitvsPtP
Data e+
nHitsFit
pT (GeV/c)

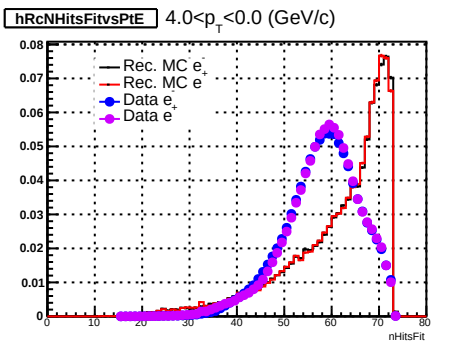

hRcNHitsFitvsPtE 0.2<p_T<0.3 (GeV/c)
hRcNHitsFitvsPtE 0.3<p_T<0.4 (GeV/c)
hRcNHitsFitvsPtE 0.4<p_T<0.5 (GeV/c)
hRcNHitsFitvsPtE 0.5<p_T<0.6 (GeV/c)
hRcNHitsFitvsPtE 0.6<p_T<0.7 (GeV/c)
hRcNHitsFitvsPtE 0.7<p_T<0.8 (GeV/c)
hRcNHitsFitvsPtE 0.8<p_T<0.9 (GeV/c)
hRcNHitsFitvsPtE 0.9<p_T<1.0 (GeV/c)
hRcNHitsFitvsPtE 1.0<p_T<1.1 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nHitsFit











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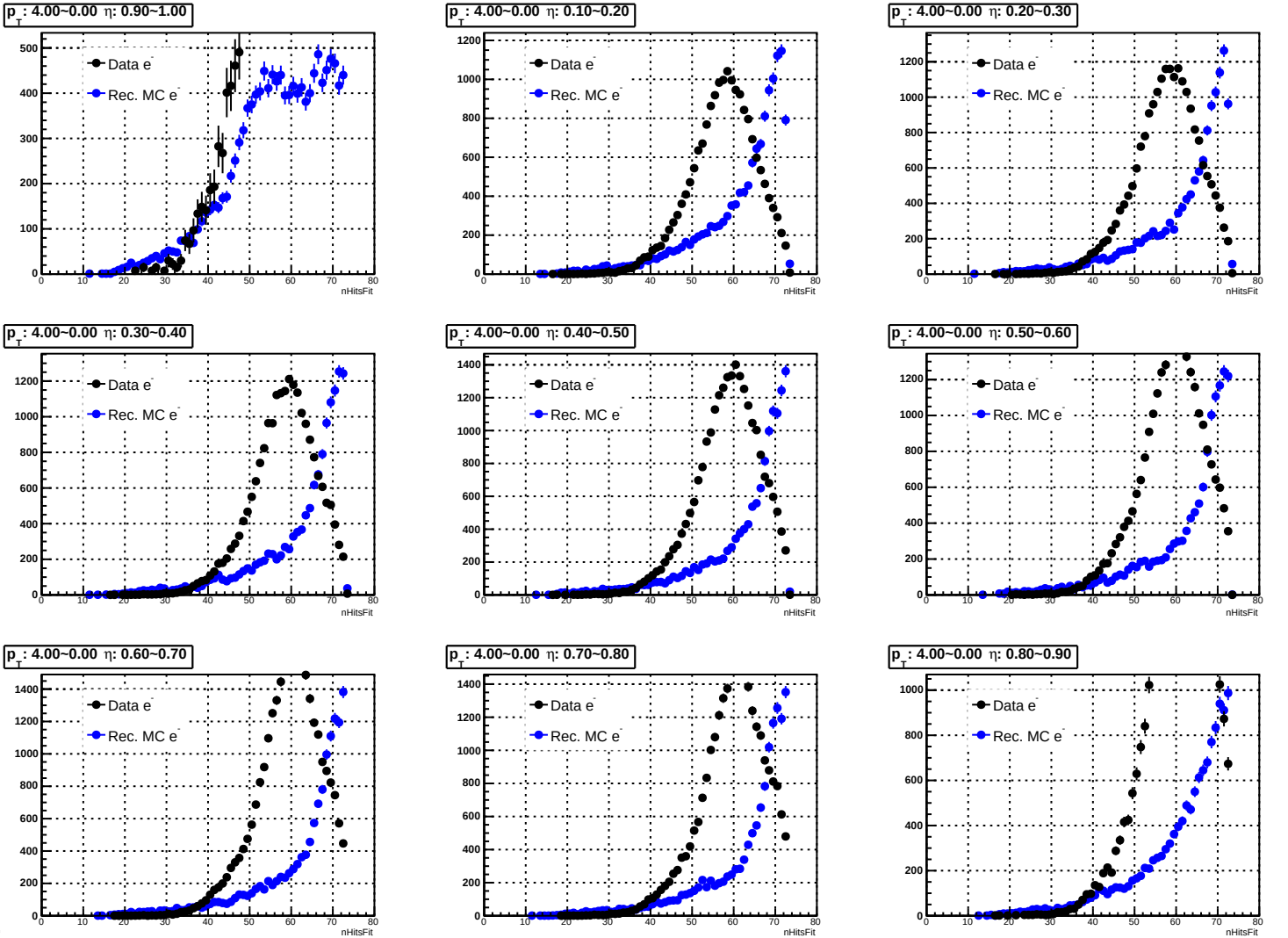
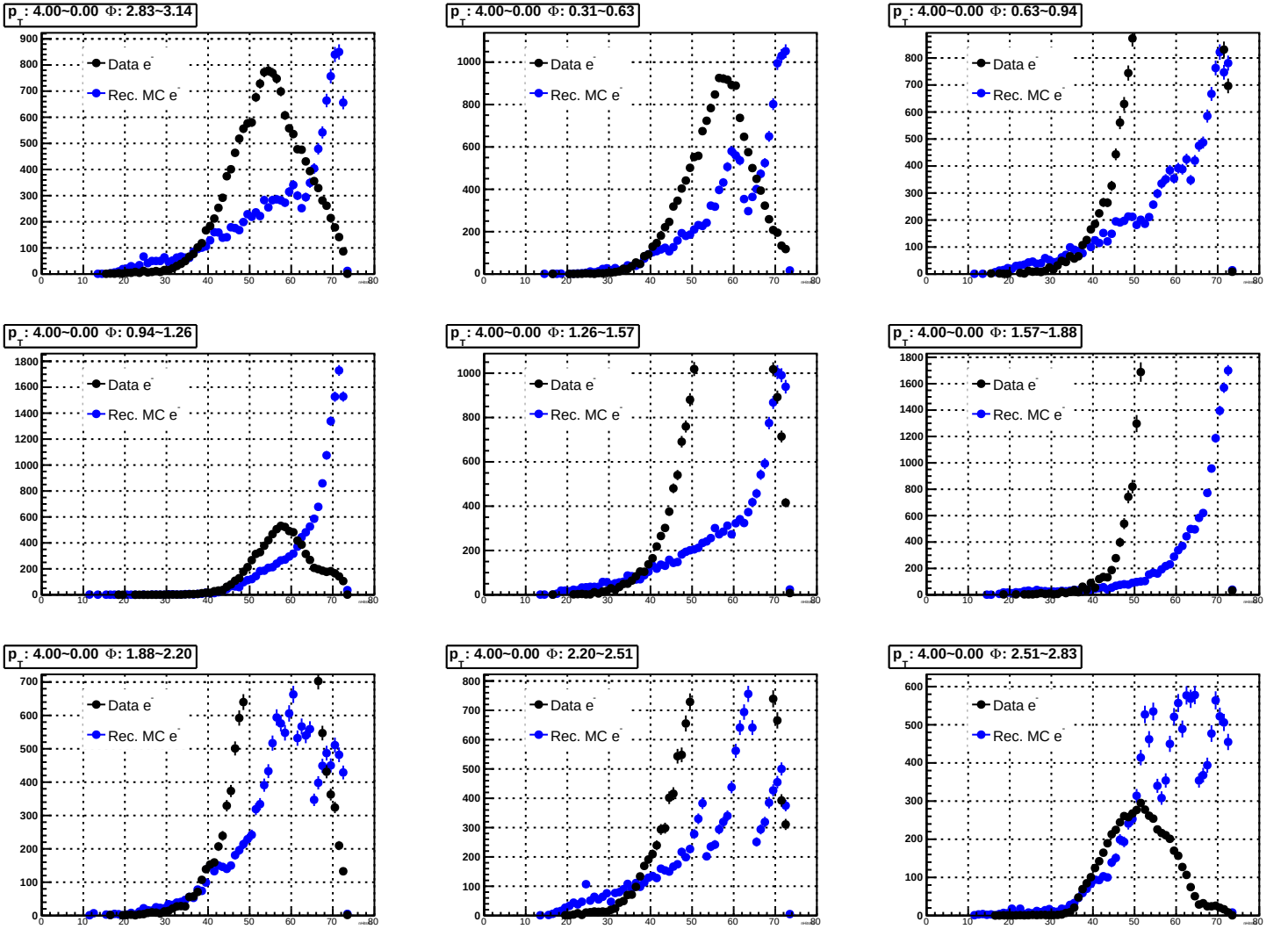
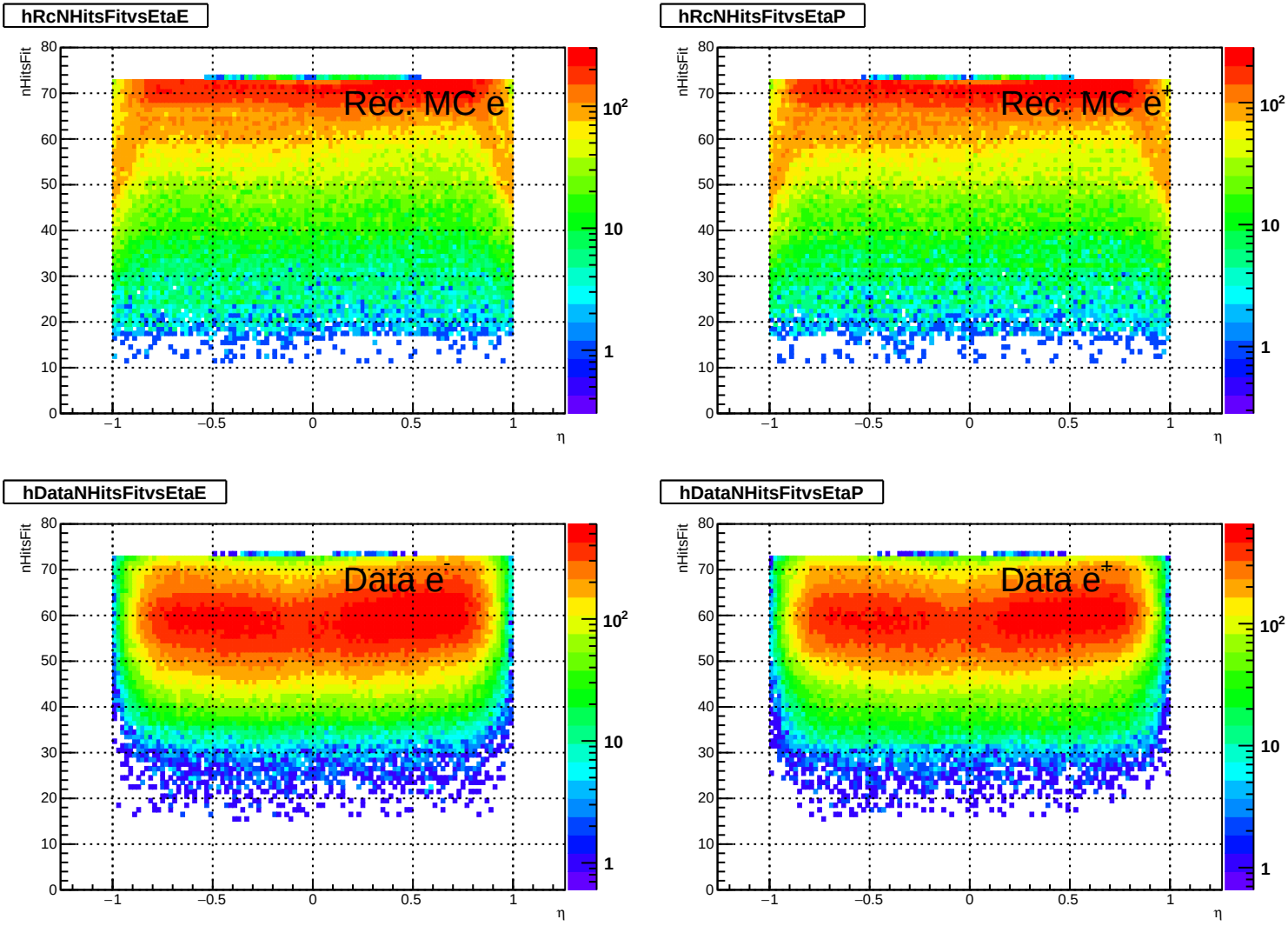
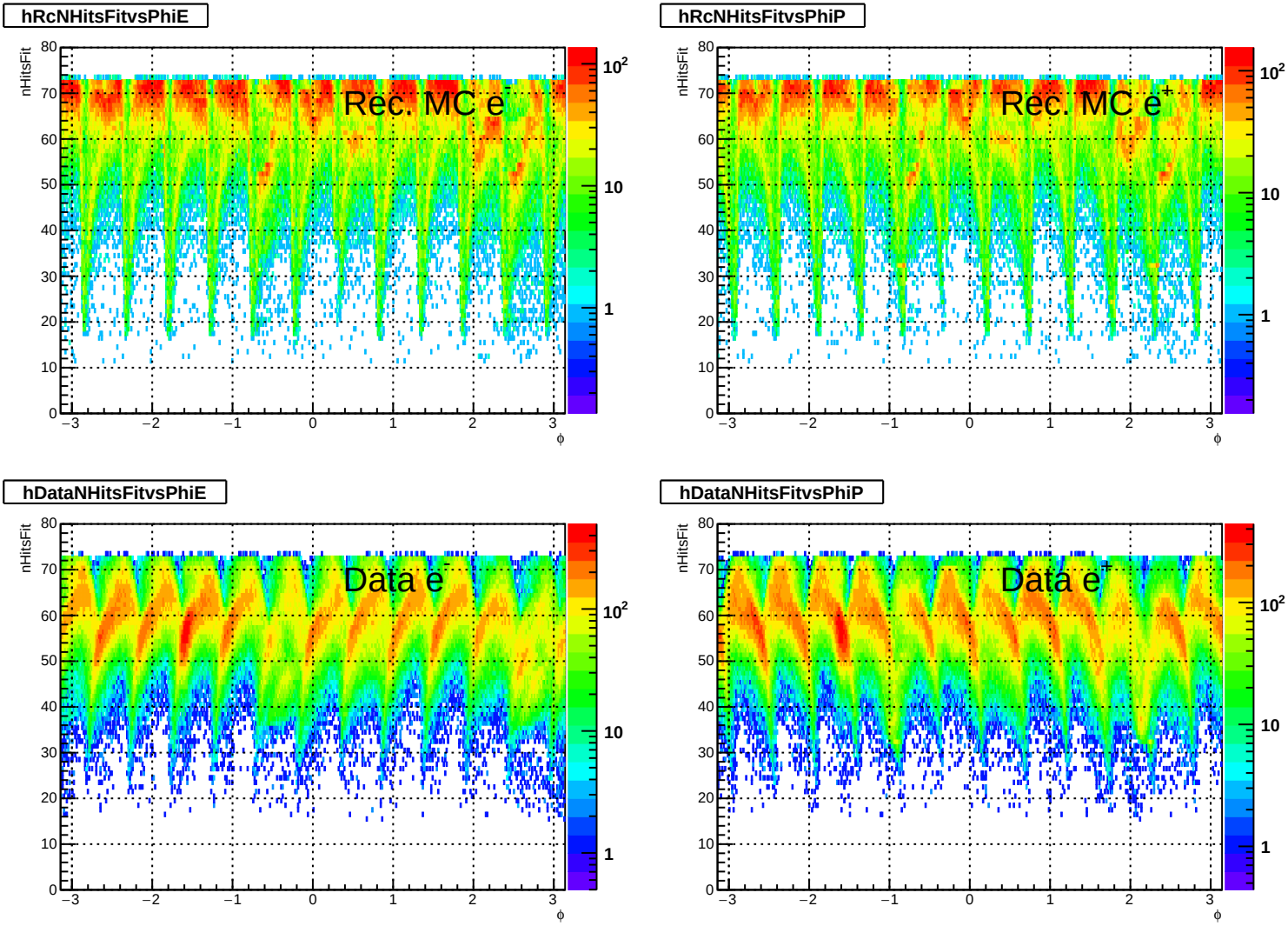
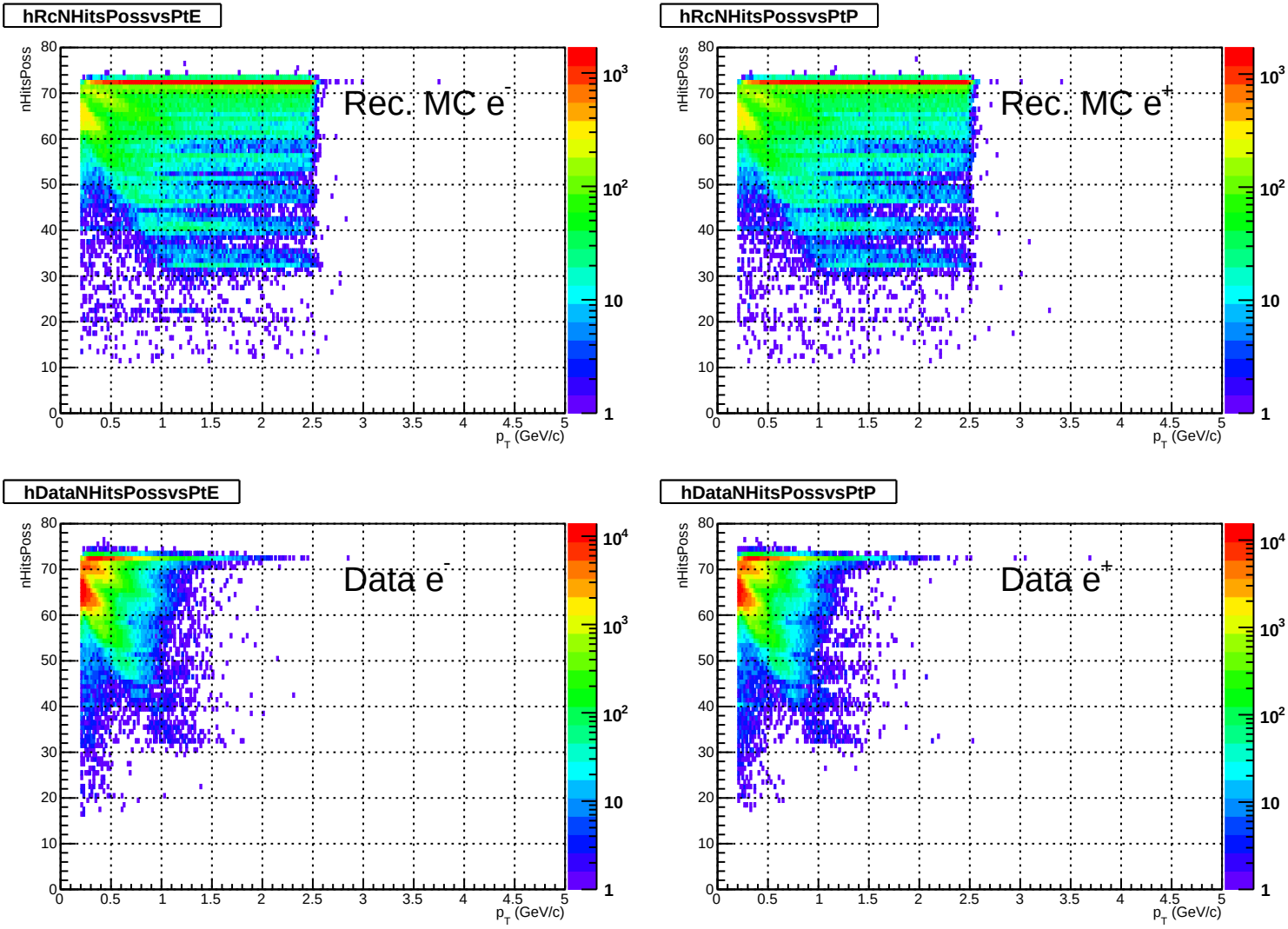
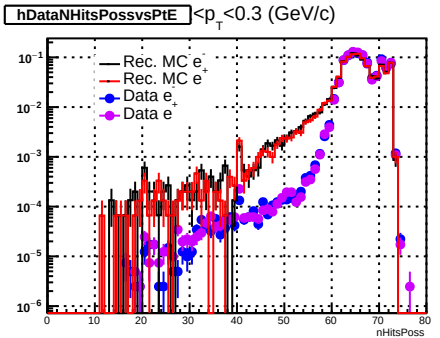

p_T : 4.00~0.00 η: 0.90~1.00
p_T : 4.00~0.00 η: 0.10~0.20
p_T : 4.00~0.00 η: 0.20~0.30
p_T : 4.00~0.00 η: 0.30~0.40
p_T : 4.00~0.00 η: 0.40~0.50
p_T : 4.00~0.00 η: 0.50~0.60
p_T : 4.00~0.00 η: 0.60~0.70
p_T : 4.00~0.00 η: 0.70~0.80
p_T : 4.00~0.00 η: 0.80~0.90
Data e-
Rec. MC e-
nHitsFit

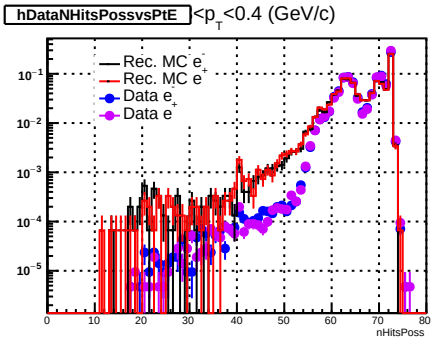

p_T : 4.00~0.00 Φ: 2.83~3.14
p_T : 4.00~0.00 Φ: 0.31~0.63
p_T : 4.00~0.00 Φ: 0.63~0.94
p_T : 4.00~0.00 Φ: 0.94~1.26
p_T : 4.00~0.00 Φ: 1.26~1.57
p_T : 4.00~0.00 Φ: 1.57~1.88
p_T : 4.00~0.00 Φ: 1.88~2.20
p_T : 4.00~0.00 Φ: 2.20~2.51
p_T : 4.00~0.00 Φ: 2.51~2.83
Data e⁻
Rec. MC e⁻

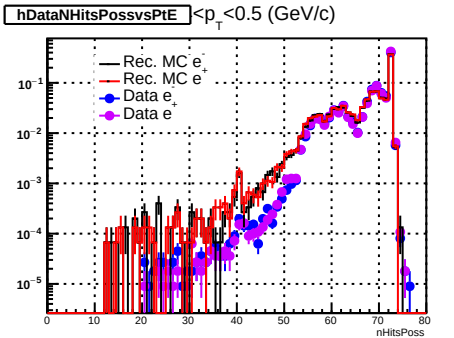

hRcNHitsFitvsEtaE
Rec. MC e-
hRcNHitsFitvsEtaP
Rec. MC e+
hDataNHitsFitvsEtaE
Data e-
hDataNHitsFitvsEtaP
Data e+
nHitsFit
η
10²
10
1

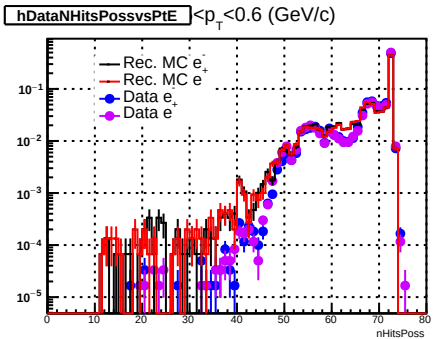

hRcNHitsFitvsPhiE
Rec. MC e⁻
hRcNHitsFitvsPhiP
Rec. MC e⁺
hDataNHitsFitvsPhiE
Data e⁻
hDataNHitsFitvsPhiP
Data e⁺
nHitsFit
ϕ

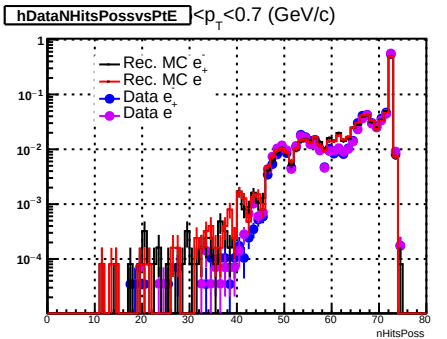

hRcNHitsPossvsPtE
Rec. MC e-
hRcNHitsPossvsPtP
Rec. MC e+
hDataNHitsPossvsPtE
Data e-
hDataNHitsPossvsPtP
Data e+
nHitsPoss
pT (GeV/c)

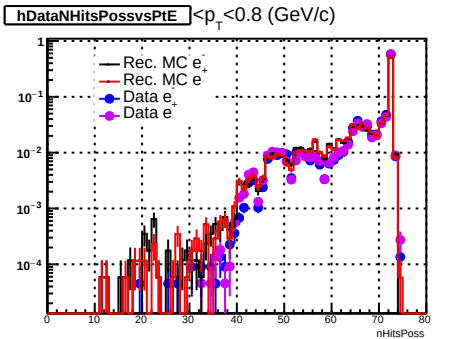

hDataNHitsPossvsPtE
<p_T<0.3 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nHitsPoss

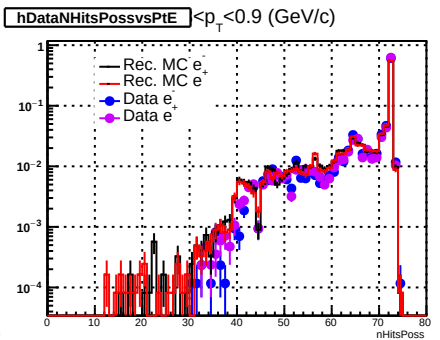

hDataNHitsPossvsPtE
<p_T<0.4 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nHitsPoss

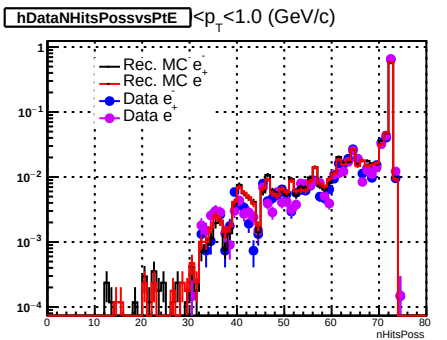

hDataNHitsPossvsPtE
<p_T<0.5 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nHitsPoss

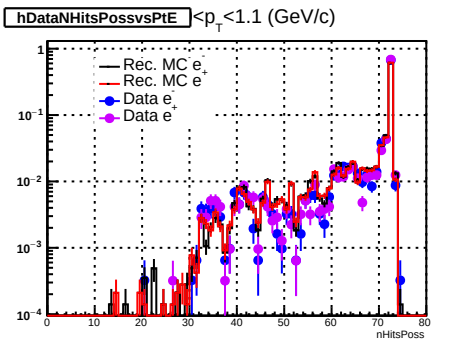

hDataNHitsPossvsPtE
<p_T<0.6 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nHitsPoss

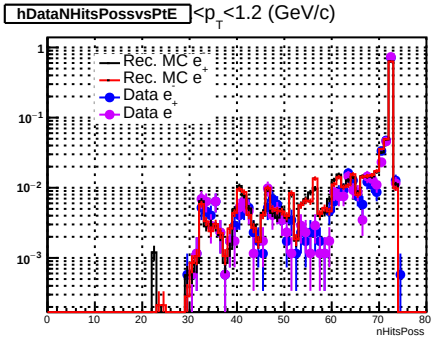

hDataNHitsPossvsPtE
<p_T<0.7 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nHitsPoss

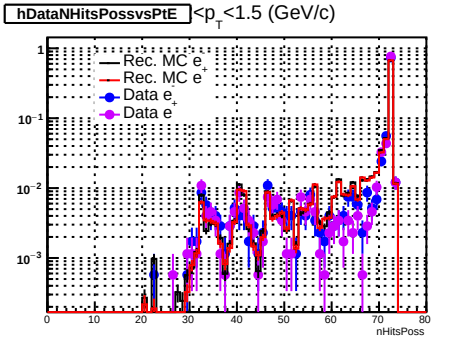

hDataNHitsPossvsPtE
<p_T<0.8 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nHitsPoss

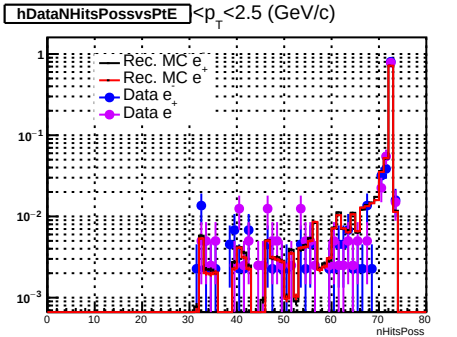

hDataNHitsPossvsPtE
<p_T<0.9 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nHitsPoss

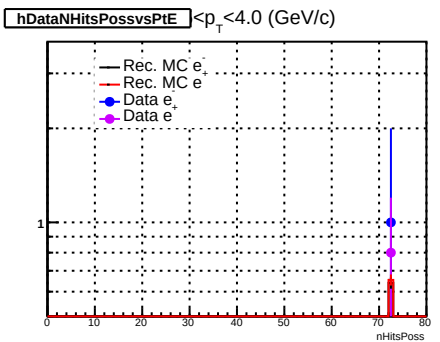

hDataNHitsPossvsPtE
<p_T<1.0 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nHitsPoss

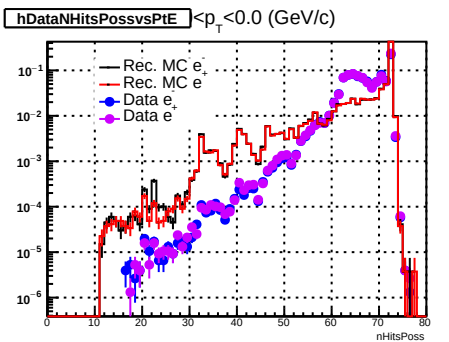

hDataNHitsPossvsPtE
<p_T<1.1 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nHitsPoss











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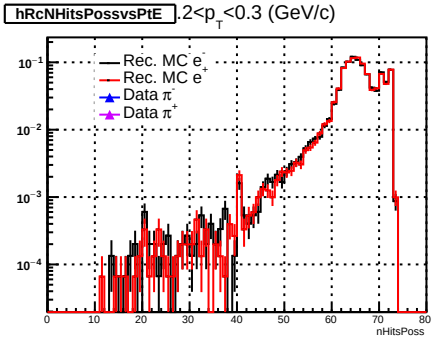
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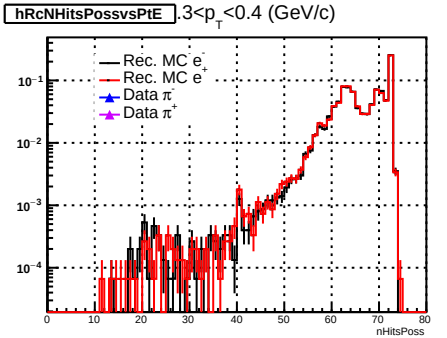
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nHitsPoss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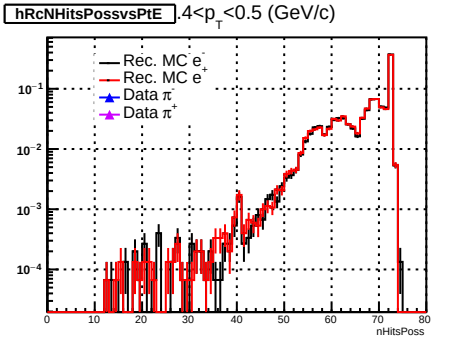
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nHitsPoss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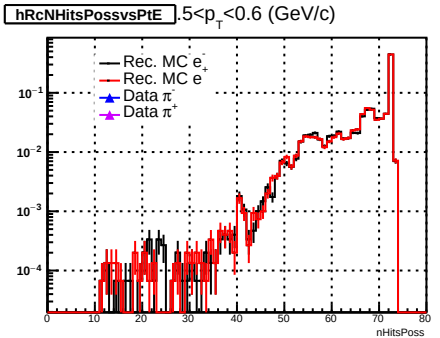
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nHitsPoss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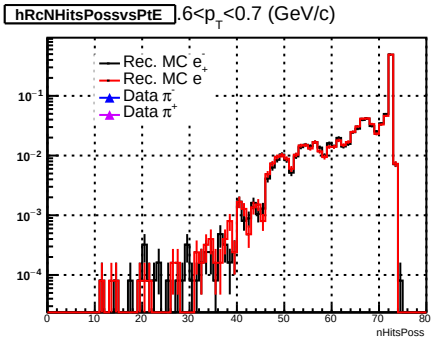
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nHitsPoss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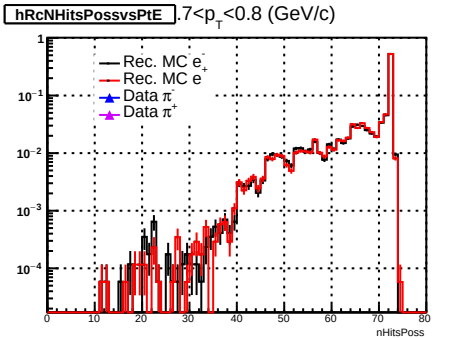
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nHitsPoss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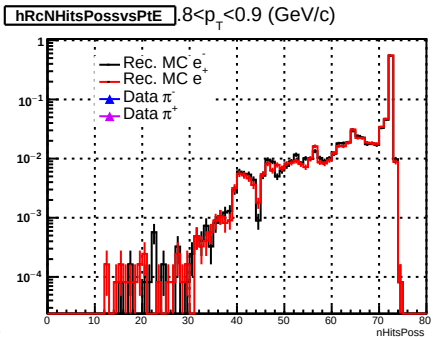
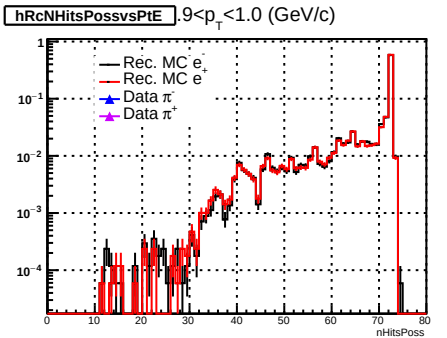
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nHitsPoss


hRcNHitsPossvsPtE .8<p_T<0.9 (GeV/c)
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nHitsPoss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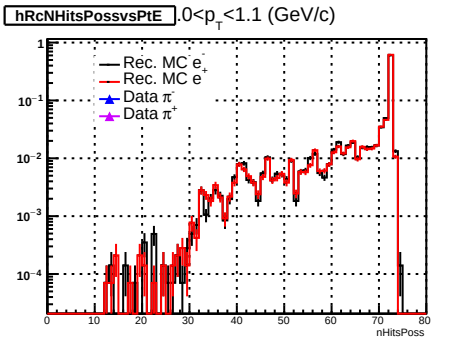
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nHitsPoss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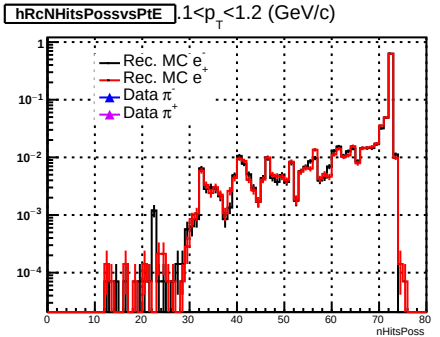
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nHitsPoss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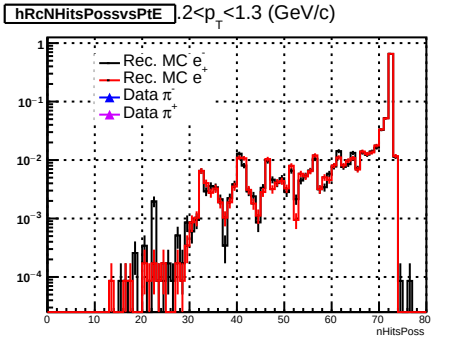
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nHitsPoss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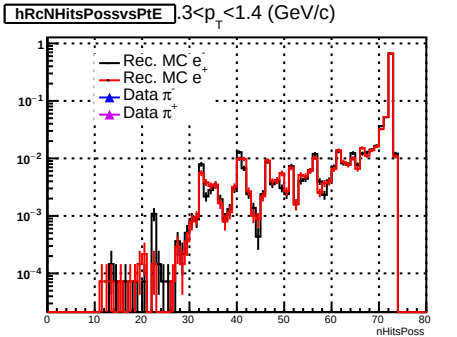
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nHitsPoss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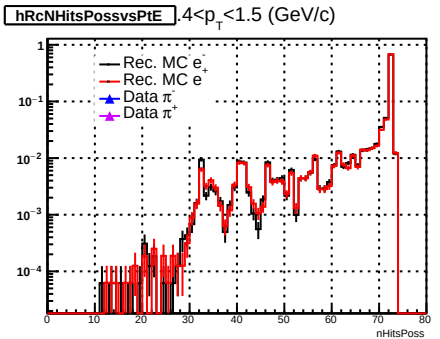
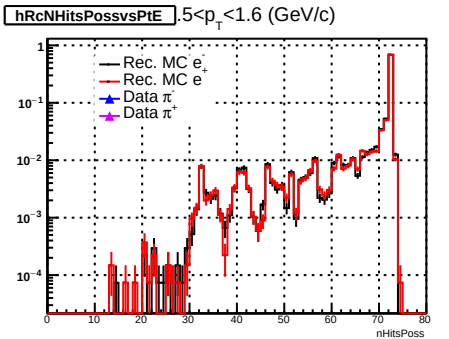
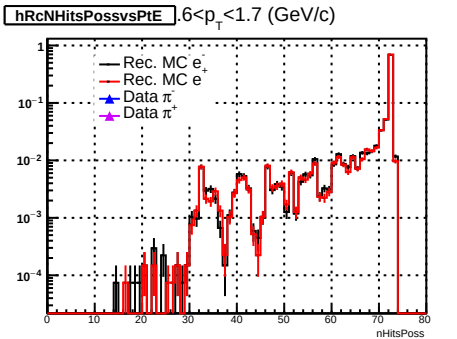
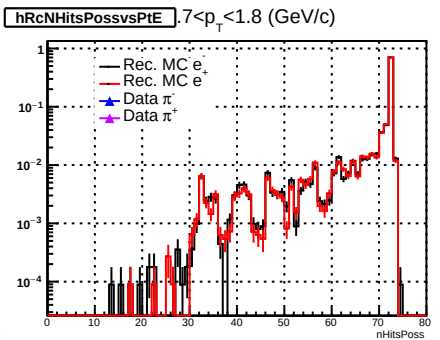
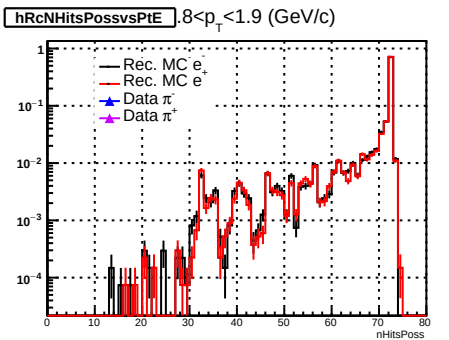
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nHitsPoss

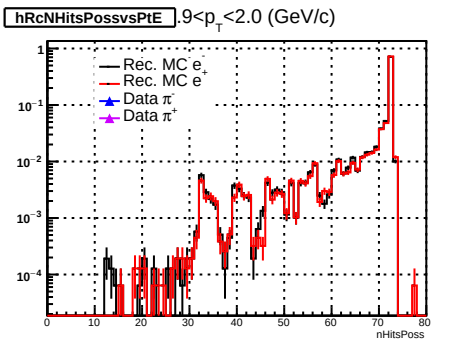

hRcNHitsPossvsPtE .4<p_T<1.5 (GeV/c)
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nHitsPoss


hRcNHitsPossvsPtE .5<p_T<1.6 (GeV/c)
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nHitsPoss

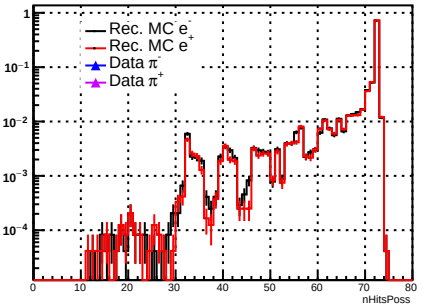

hRcNHitsPossvsPtE .6<p_T<1.7 (GeV/c)
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nHitsPoss


hRcNHitsPossvsPtE .7<p_T<1.8 (GeV/c)
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nHitsPoss

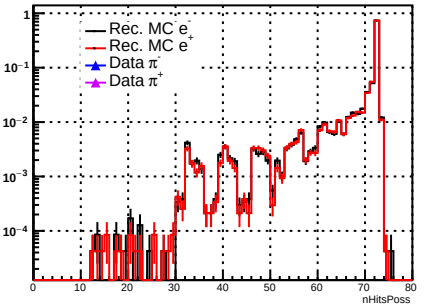

hRcNHitsPossvsPtE .8<p_T<1.9 (GeV/c)
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nHitsPoss


hRcNHitsPossvsPtE .9<p_T<2.0 (GeV/c)
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nHitsPoss

hRcNHitsPossvsPtE .0<p_T<2.2 (GeV/c)



hRcNHitsPossvsPtE .2<p_T<2.4 (GeV/c)



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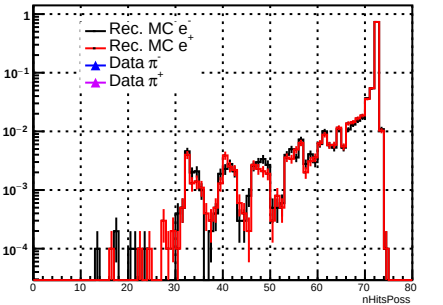

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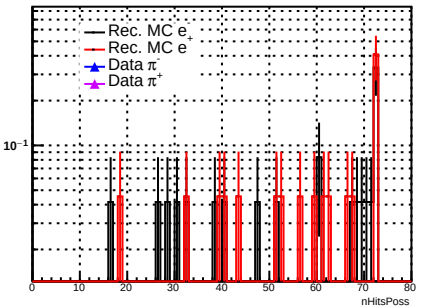

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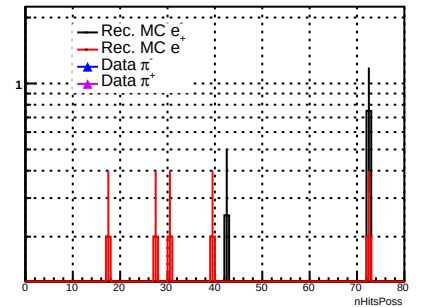

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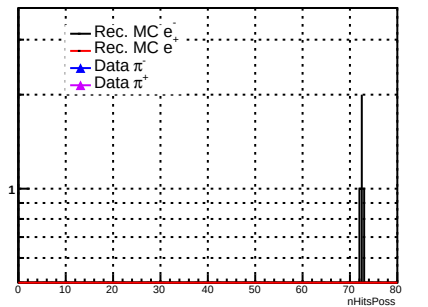
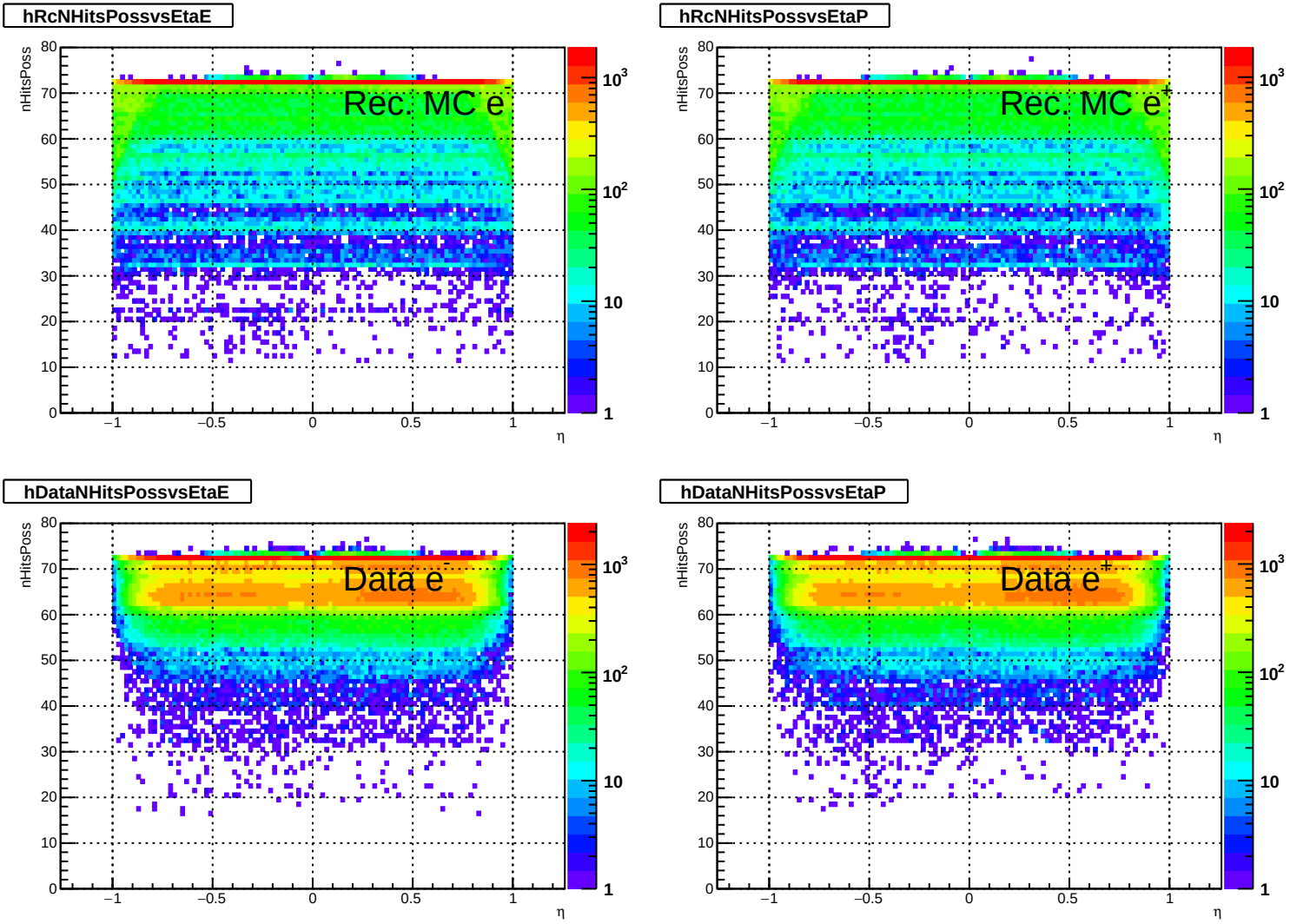
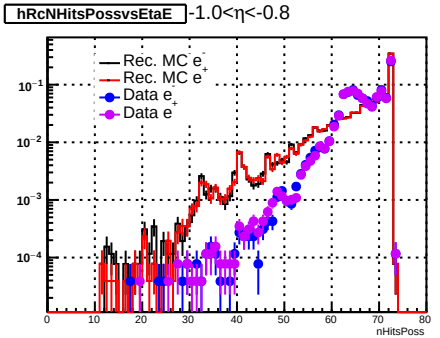



hRcNHitsPossvsEtaE
Rec. MC e
hRcNHitsPossvsEtaP
Rec. MC e+
hDataNHitsPossvsEtaE
Data e
hDataNHitsPossvsEtaP
Data e+
nHitsPoss
η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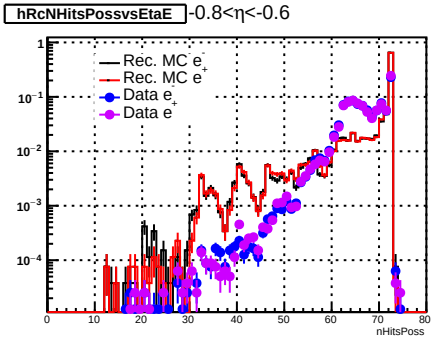
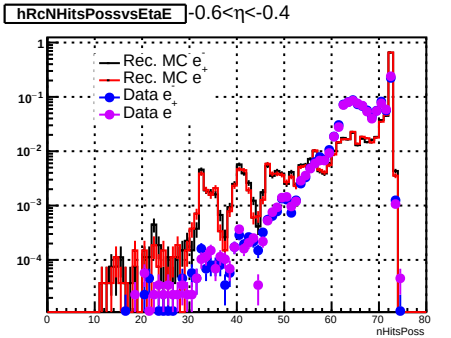
-1.0<η<-0.8
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nHitsPoss


hRcNHitsPossvsEtaE
-0.8<η<-0.6
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nHitsPoss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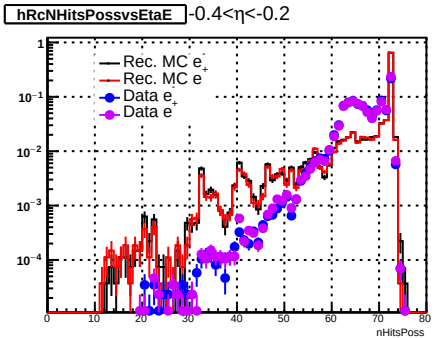
-0.6<η<-0.4
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nHitsPoss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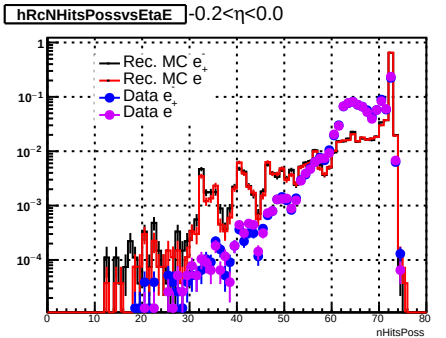
-0.4<η<-0.2
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nHitsPoss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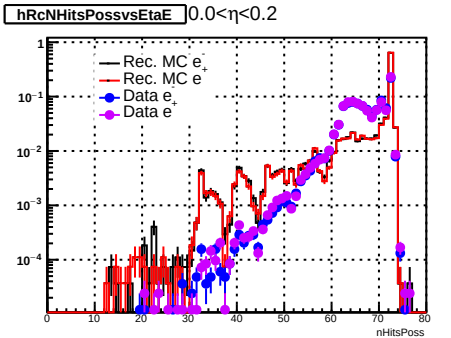
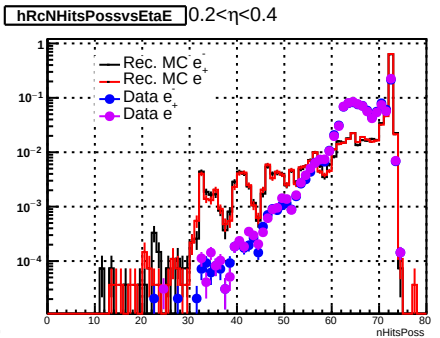
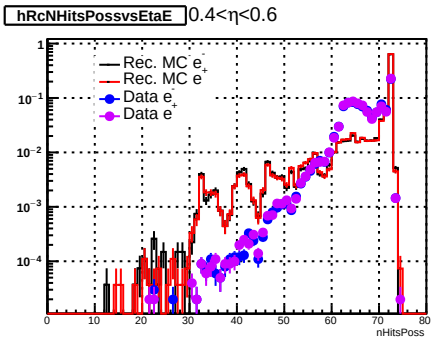
-0.2<η<0.0
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nHitsPoss


hRcNHitsPossvsEtaE
0.0<η<0.2
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nHitsPoss


hRcNHitsPossvsEtaE
0.2<η<0.4
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nHitsPoss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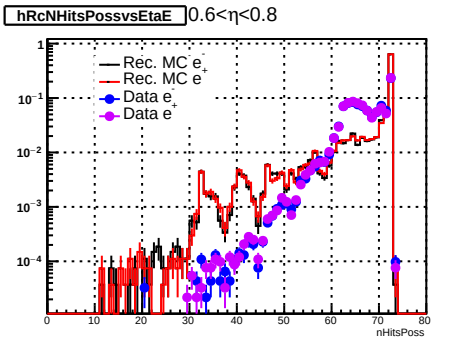
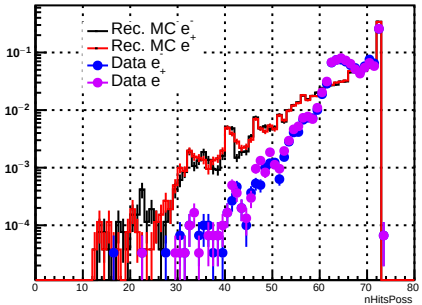
0.4<η<0.6
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nHitsPoss


hRcNHitsPossvsEtaE
0.6<η<0.8
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nHitsPoss

hRcNHitsPossvsEtaE 0.8<η<1.0



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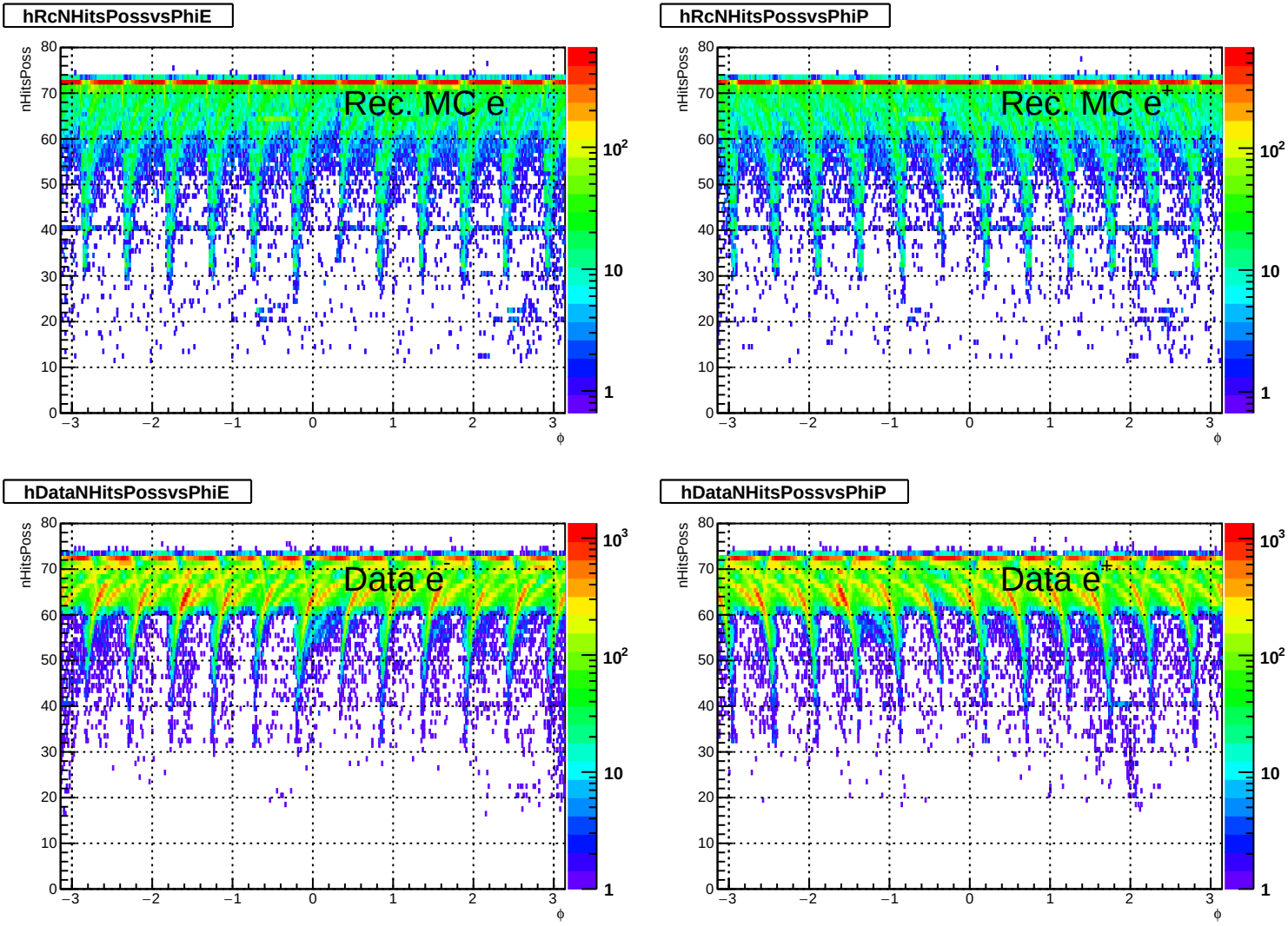
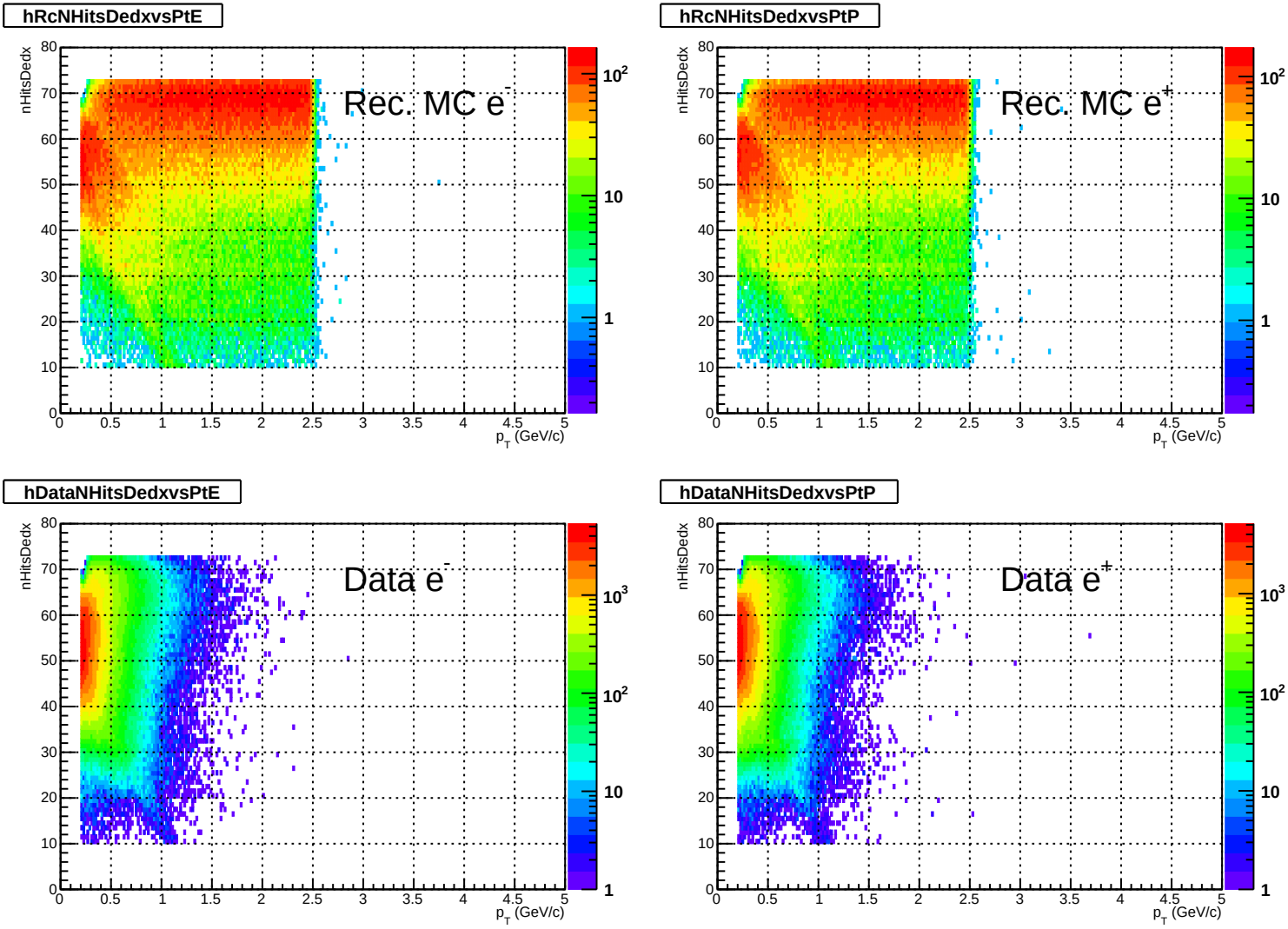
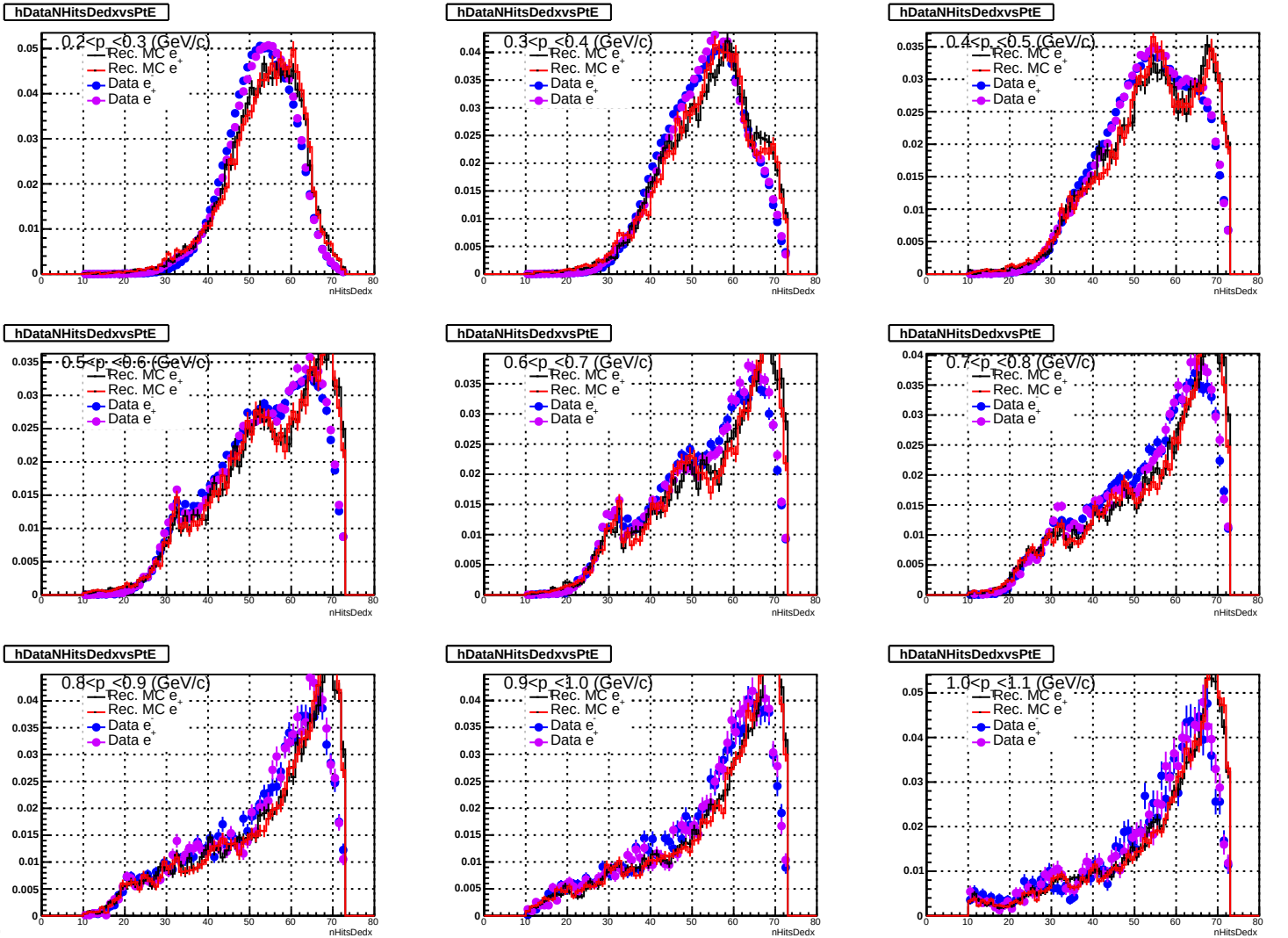
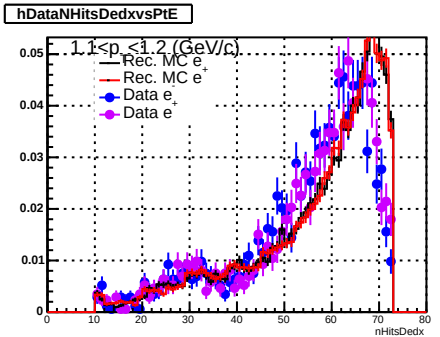
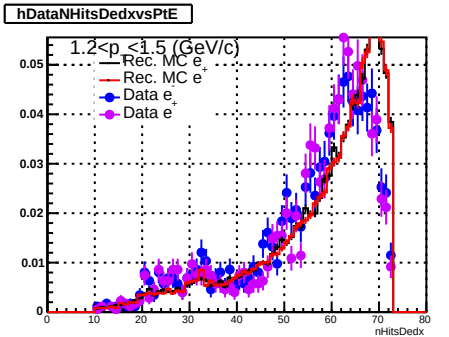
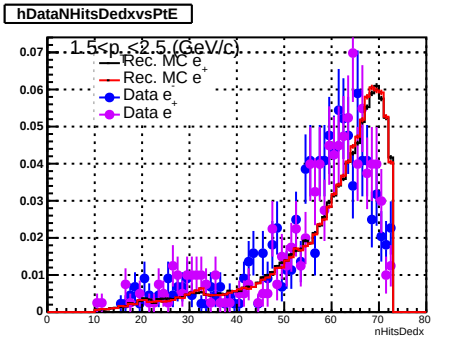

hRcNHitsPossvsPhiE
Rec. MC e
hRcNHitsPossvsPhiP
Rec. MC e+
hDataNHitsPossvsPhiE
Data e
hDataNHitsPossvsPhiP
Data e+
nHitsPoss
ϕ

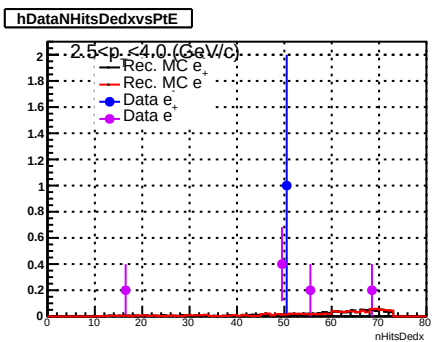

hRcNHitsDedxvsPtE
Rec. MC e-
hRcNHitsDedxvsPtP
Rec. MC e+
hDataNHitsDedxvsPtE
Data e-
hDataNHitsDedxvsPtP
Data e+
nHitsDedx
pT (GeV/c)

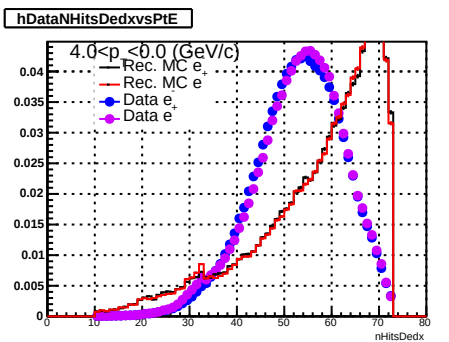

hDataNHitsDedxvsPtE
0.2<p <0.3 (GeV/c)
0.3<p <0.4 (GeV/c)
0.4<p <0.5 (GeV/c)
0.5<p <0.6 (GeV/c)
0.6<p <0.7 (GeV/c)
0.7<p <0.8 (GeV/c)
0.8<p <0.9 (GeV/c)
0.9<p <1.0 (GeV/c)
1.0<p <1.1 (GeV/c)
Rec. MC e+
Rec. MC e-
Data e+
Data e-
nHitsDedx











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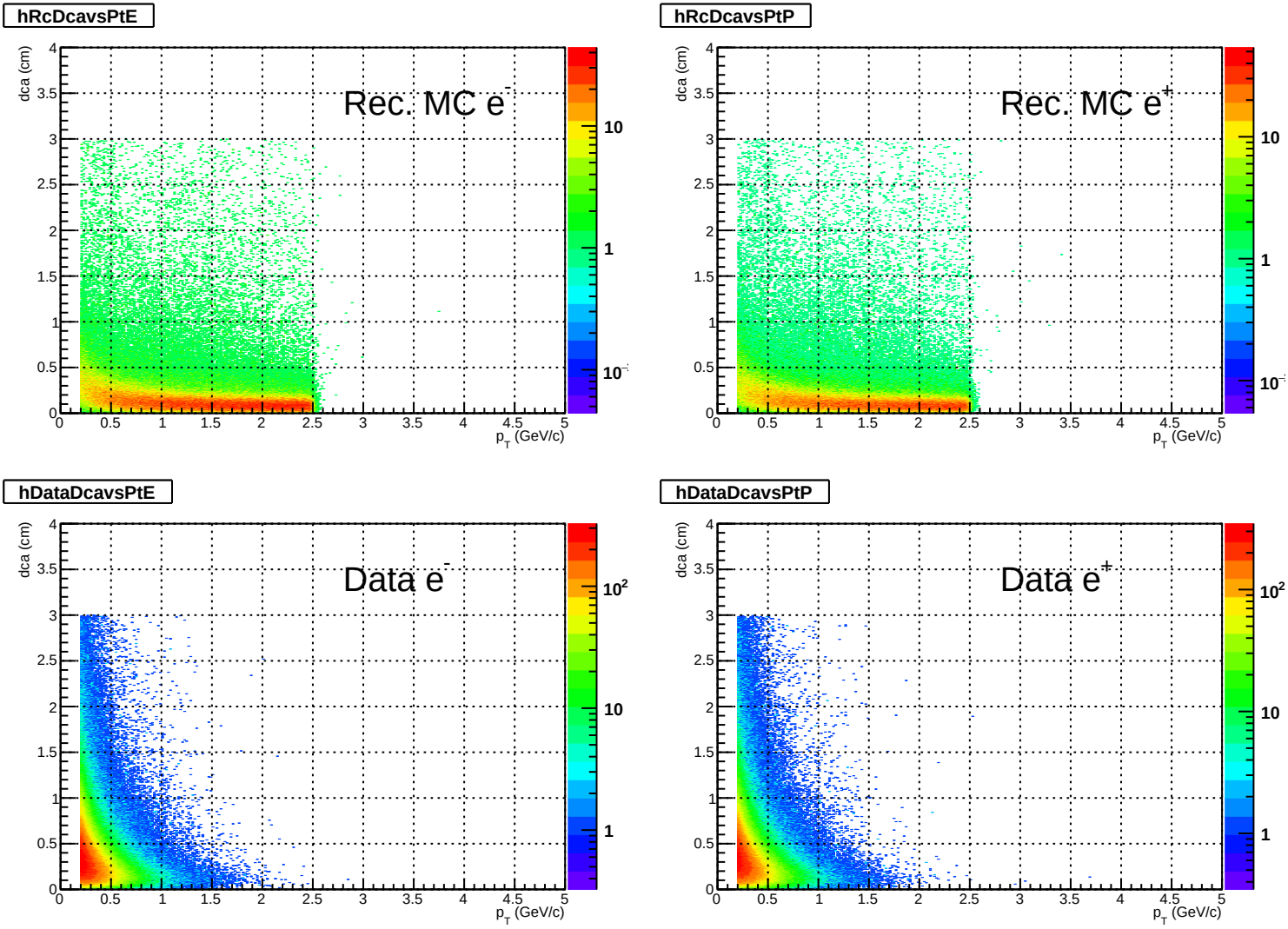
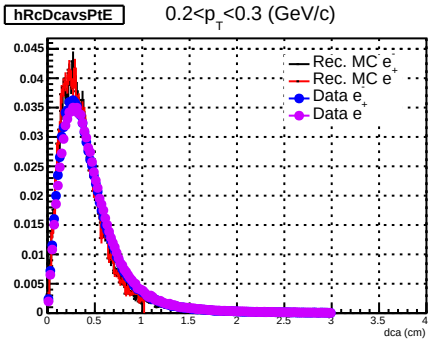
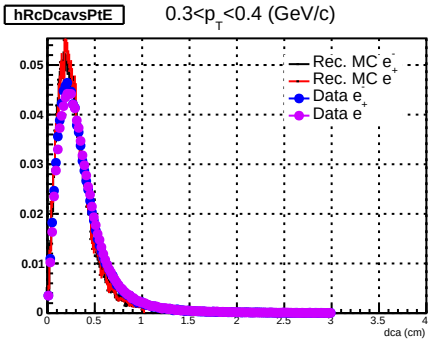
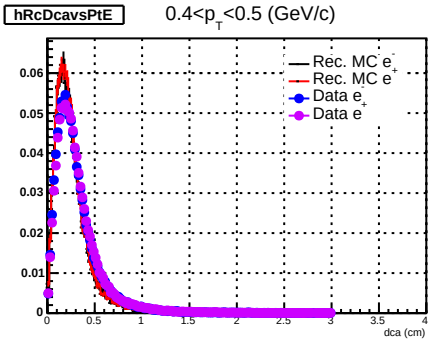
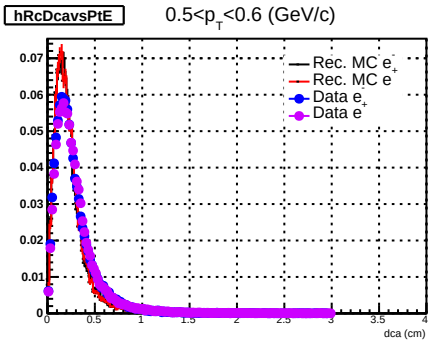
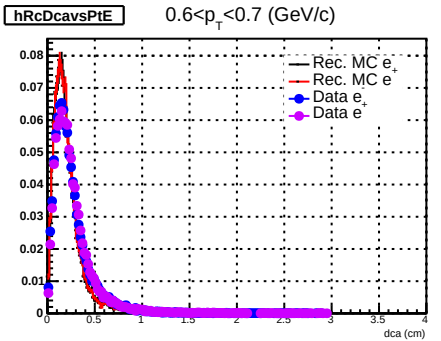

hRcDcavsPtE
Rec. MC e-
hRcDcavsPtP
Rec. MC e+
hDataDcavsPtE
Data e-
hDataDcavsPtP
Data e+
dca (cm)
pT (GeV/c)

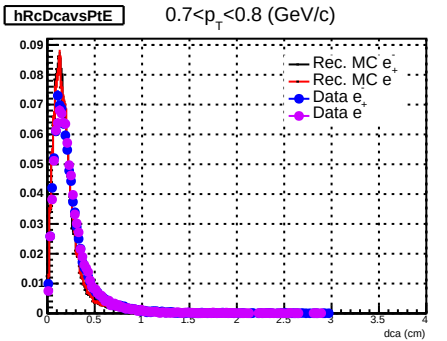

hRcDcavsPtE
0.2<p_T<0.3 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
dca (cm)

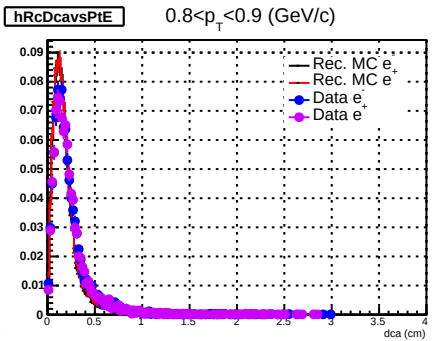

hRcDcavsPtE
0.3<p_T<0.4 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
dca (cm)

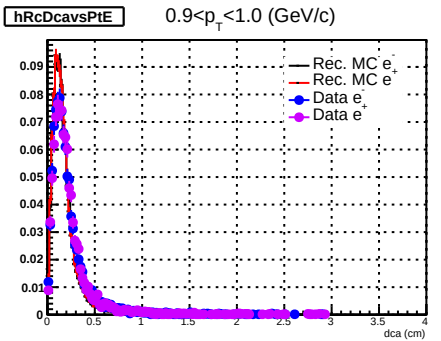

hRcDcavsPtE
0.4<p_T<0.5 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
dca (cm)

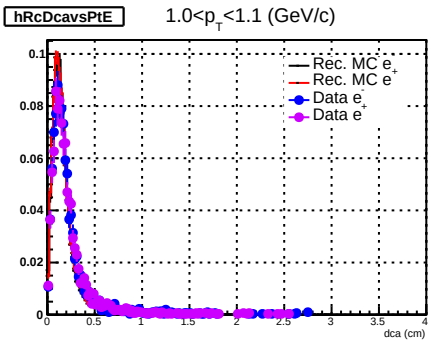

hRcDcavsPtE
0.5<p_T<0.6 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
dca (cm)

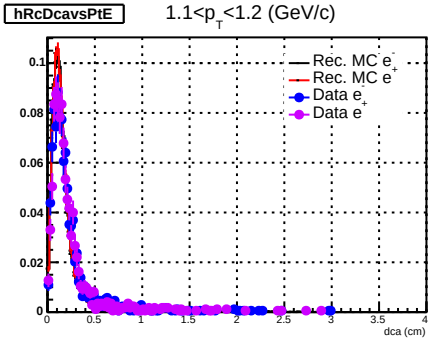

hRcDcavsPtE
0.6<p_T<0.7 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
dca (cm)

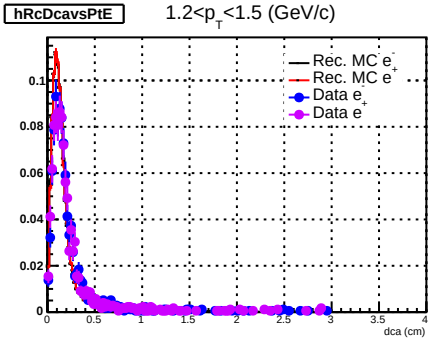

hRcDcavsPtE
0.7<p_T<0.8 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
dca (cm)

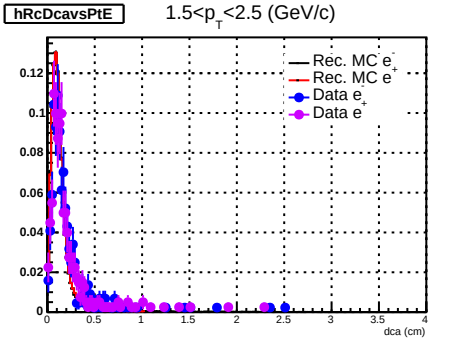

hRcDcavsPtE
0.8<p_T<0.9 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
dca (cm)

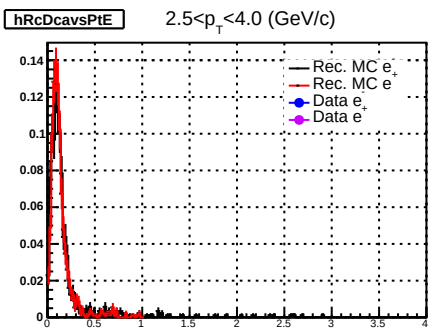

hRcDcavsPtE
0.9<p_T<1.0 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
dca (cm)


hRcDcavsPtE
1.0<p_T<1.1 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
dca (cm)









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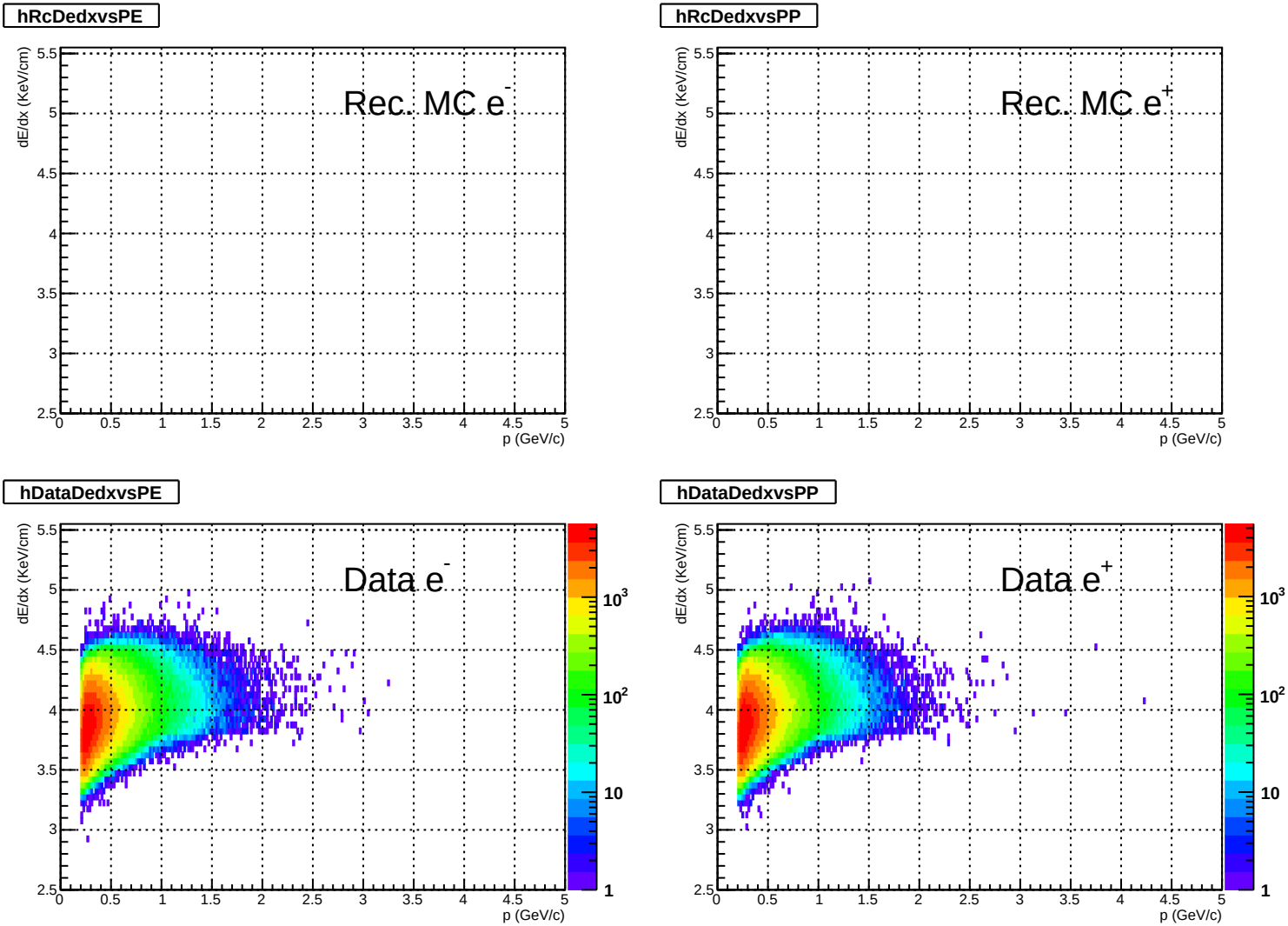
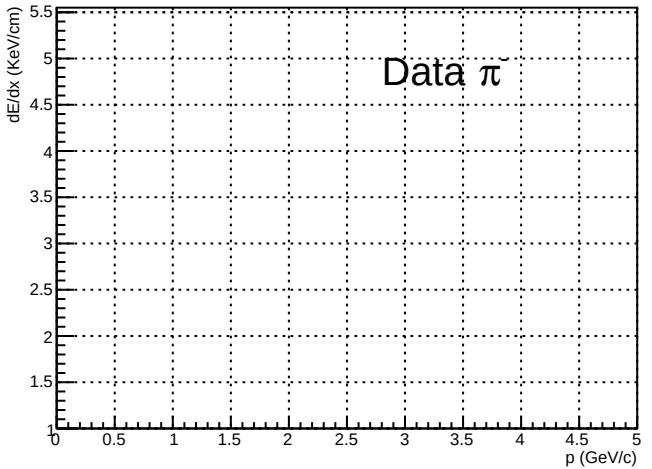
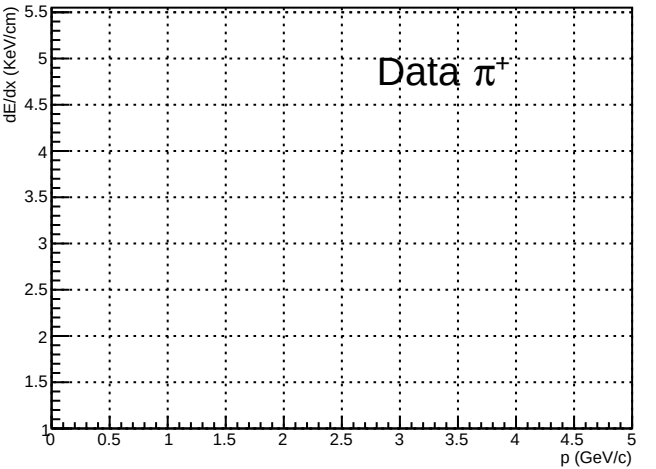
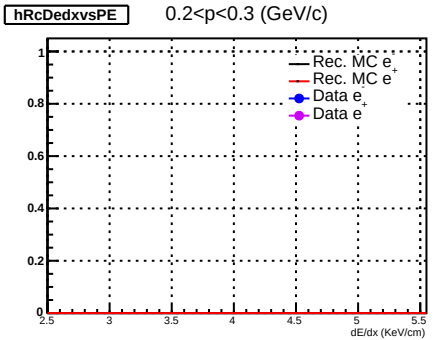

hRcDedxvsPE
Rec. MC e-
hRcDedxvsPP
Rec. MC e+
hDataDedxvsPE
Data e-
hDataDedxvsPP
Data e+
dE/dx (KeV/cm)
p (GeV/c)
10^3
10^2
10
1

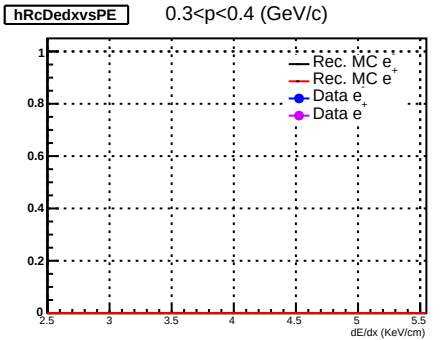
hDataPiDedxvsPM

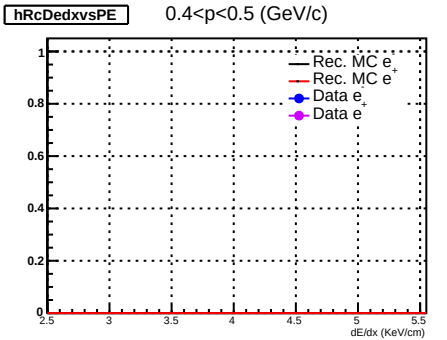


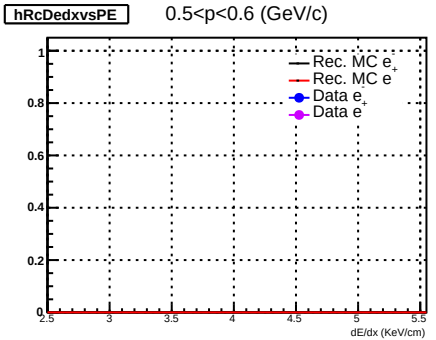
hDataPiDedxvsPP

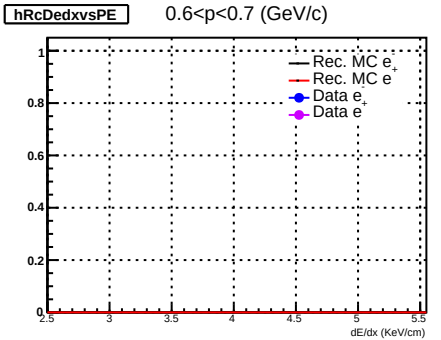


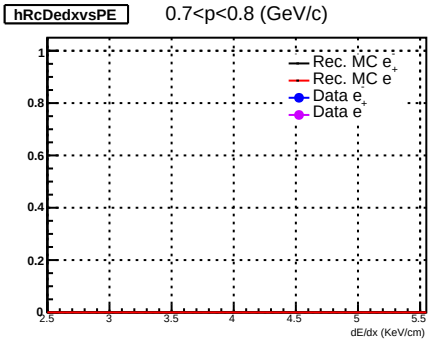

hRcDedxvsPE
0.2<p<0.3 (GeV/c)
Rec. MC e+
Rec. MC e-
Data e+
Data e-
dE/dx (keV/cm)

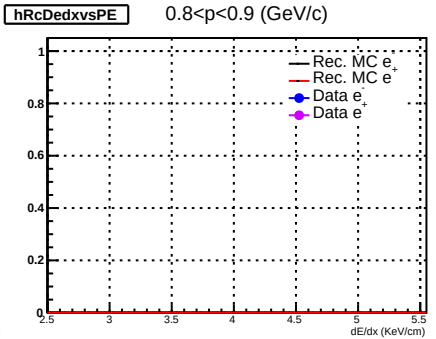

hRcDedxvsPE
0.3<p<0.4 (GeV/c)
Rec. MC e+
Rec. MC e-
Data e+
Data e-
dE/dx (keV/cm)

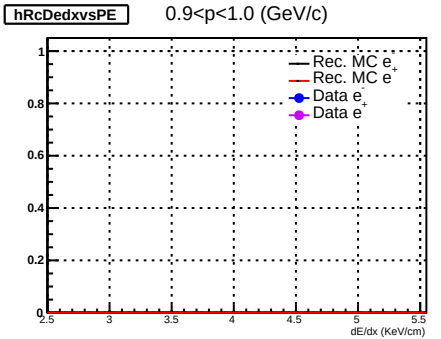

hRcDedxvsPE
0.4<p<0.5 (GeV/c)
Rec. MC e+
Rec. MC e-
Data e+
Data e-
dE/dx (keV/cm)

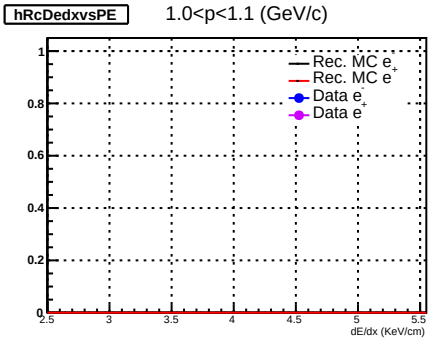

hRcDedxvsPE
0.5<p<0.6 (GeV/c)
Rec. MC e+
Rec. MC e-
Data e+
Data e-
dE/dx (keV/cm)


hRcDedxvsPE
0.6<p<0.7 (GeV/c)
Rec. MC e+
Rec. MC e-
Data e+
Data e-
dE/dx (keV/cm)

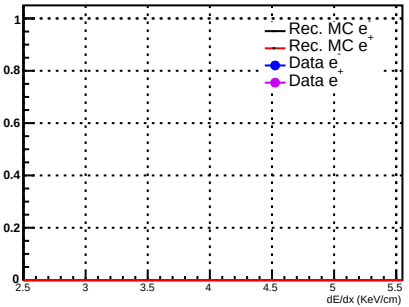

hRcDedxvsPE
0.7<p<0.8 (GeV/c)
Rec. MC e+
Rec. MC e-
Data e+
Data e-
dE/dx (keV/cm)


hRcDedxvsPE
0.8<p<0.9 (GeV/c)
Rec. MC e+
Rec. MC e-
Data e-
Data e+
dE/dx (keV/cm)

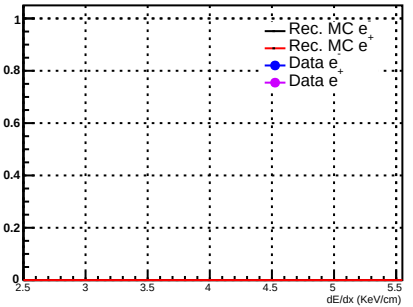

hRcDedxvsPE
0.9<p<1.0 (GeV/c)
Rec. MC e+
Rec. MC e-
Data e-
Data e+
dE/dx (keV/cm)


hRcDedxvsPE
1.0<p<1.1 (GeV/c)
Rec. MC e+
Rec. MC e-
Data e-
Data e+
dE/dx (keV/cm)

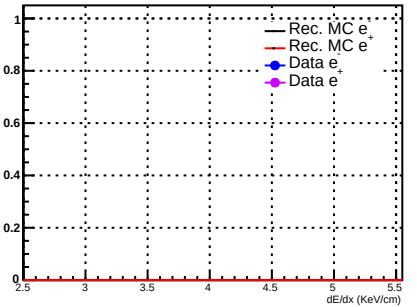
hRcDedxvsPE 1.1<p<1.2 (GeV/c)



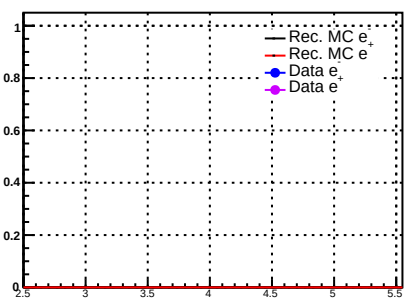
hRcDedxvsPE 1.2<p<1.5 (GeV/c)



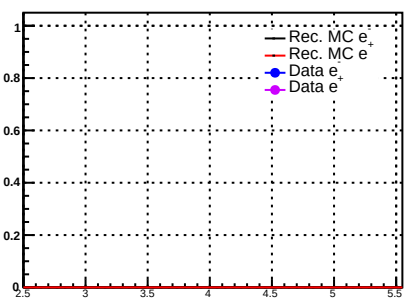
hRcDedxvsPE 1.5<p<2.5 (GeV/c)



hRcDedxvsPE 2.5<p<4.0 (GeV/c)



hRcDedxvsPE 4.0<p<0.0 (GeV/c)



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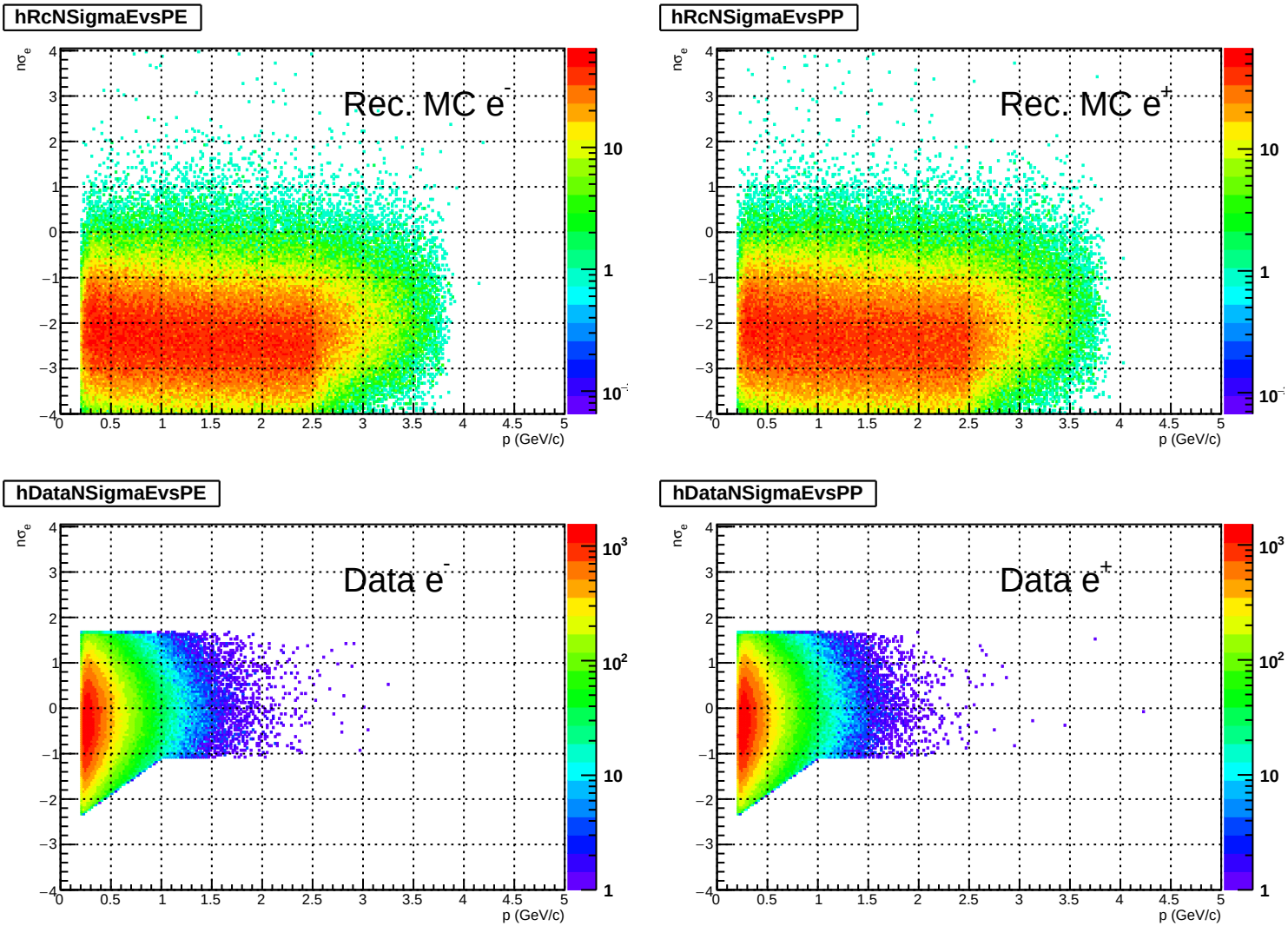
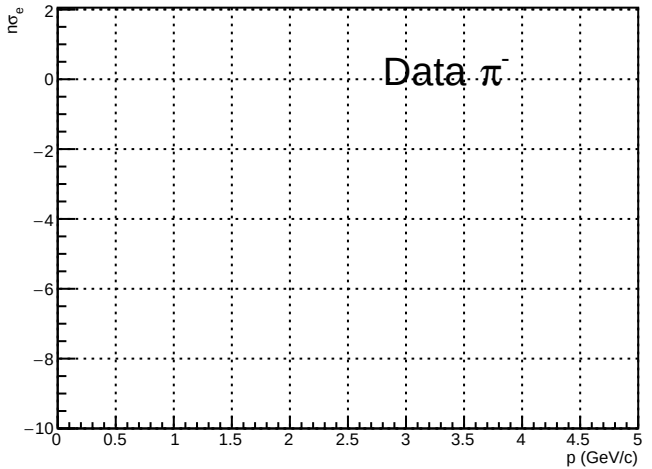
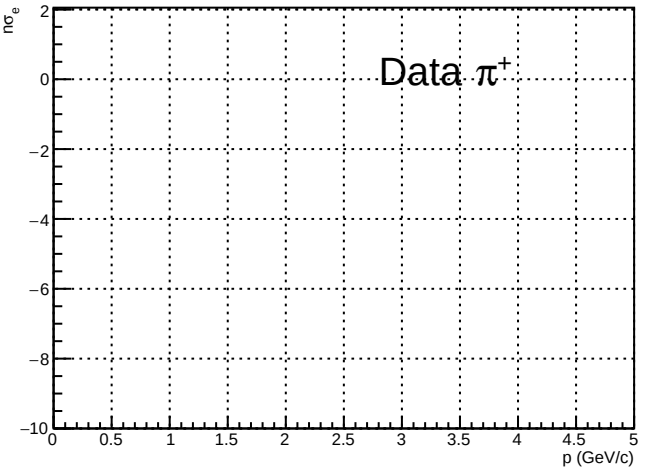
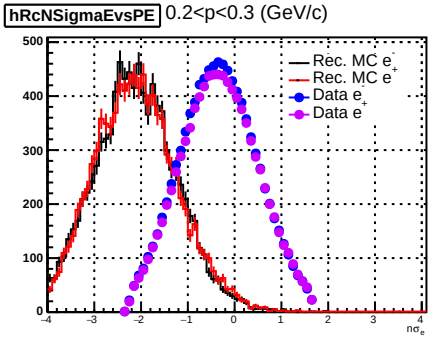

hRcNSigmaEvsPE
Rec. MC e-
hRcNSigmaEvsPP
Rec. MC e+
hDataNSigmaEvsPE
Data e-
hDataNSigmaEvsPP
Data e+
nσe
p (GeV/c)

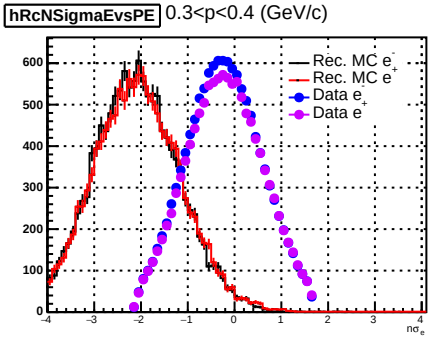
hDataPiNSigmaEvsPM

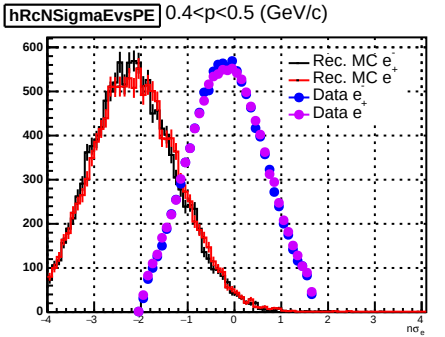


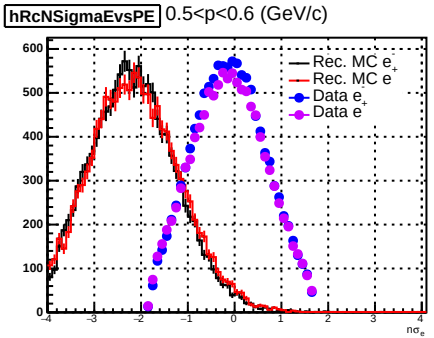
hDataPiNSigmaEvsPP

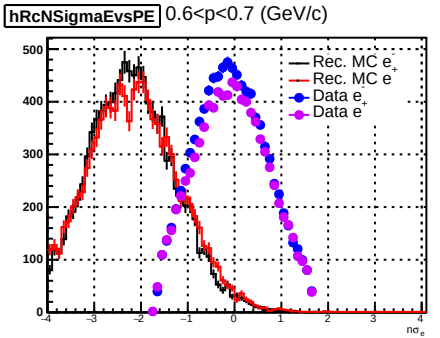


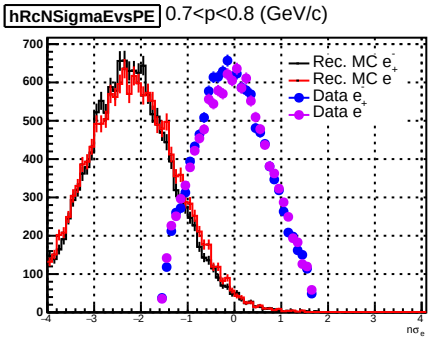

hRcNSigmaEvsPE 0.2<p<0.3 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nσe


hRcNSigmaEvsPE 0.3<p<0.4 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nσe


hRcNSigmaEvsPE 0.4<p<0.5 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nσe


hRcNSigmaEvsPE 0.5<p<0.6 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nσe


hRcNSigmaEvsPE 0.6<p<0.7 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nσe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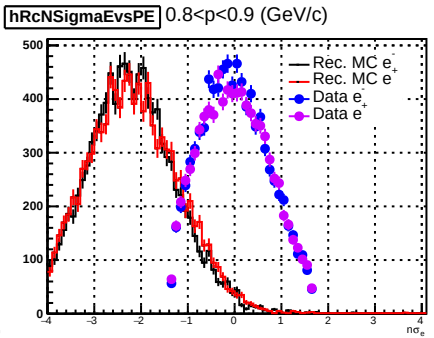
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nσe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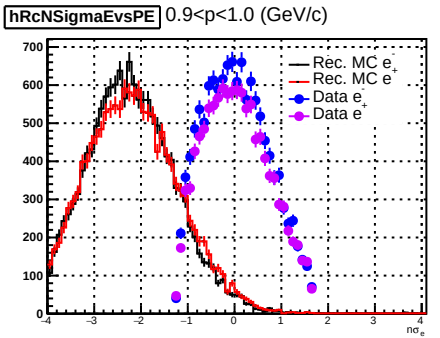
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nσe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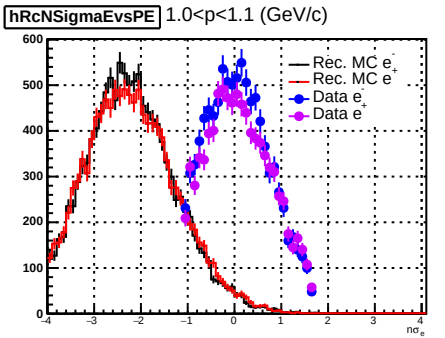
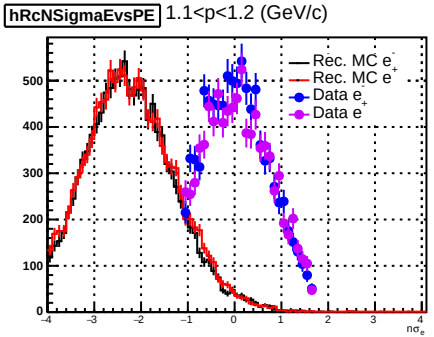
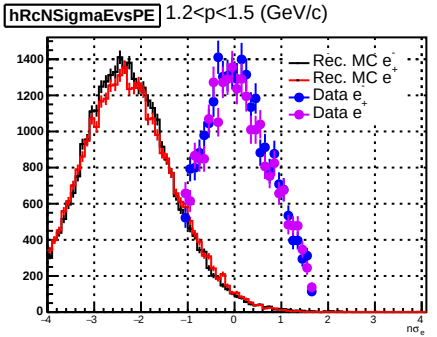
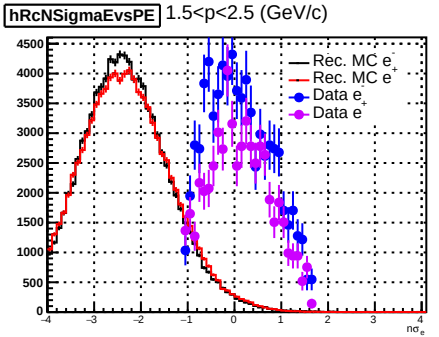
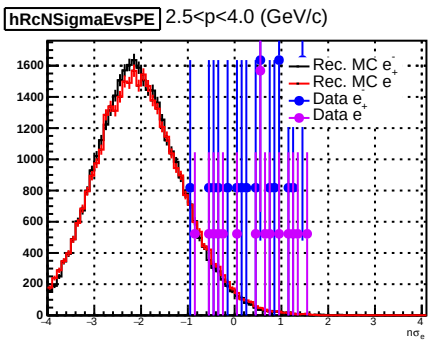
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nσe

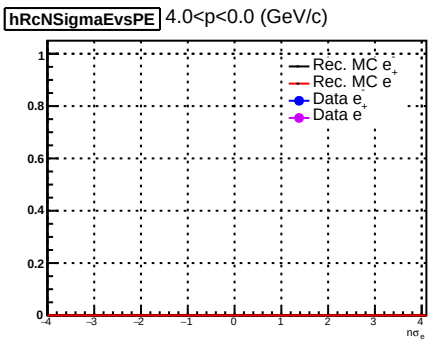

hRcNSigmaEvsPE 1.0<p<1.1 (GeV/c)
Rec. MC e-
Rec. MC e+
Data e-
Data e+
nσe











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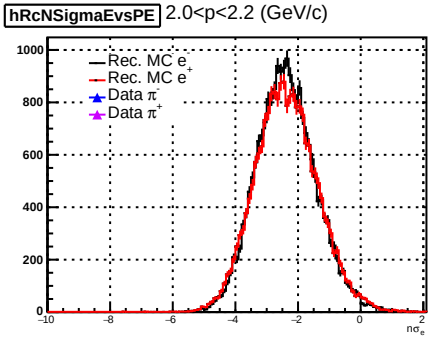
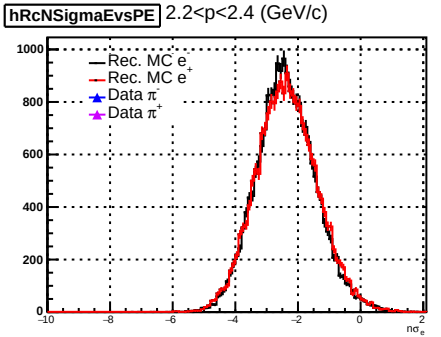
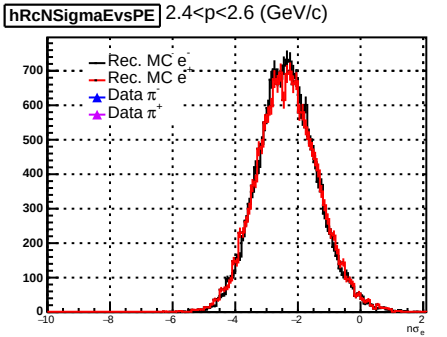
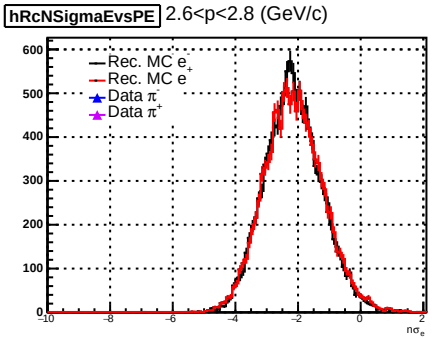
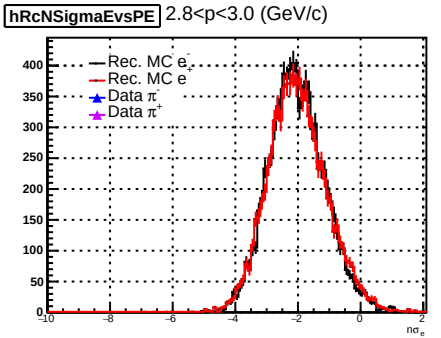
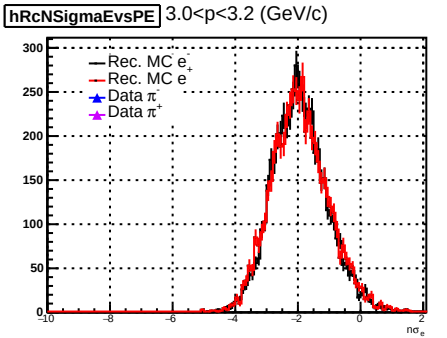

hRcNSigmaEvsPE
2.0<p<2.2 (GeV/c)
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nσe

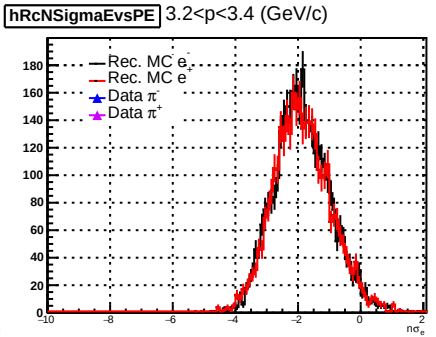

hRcNSigmaEvsPE
2.2<p<2.4 (GeV/c)
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nσe

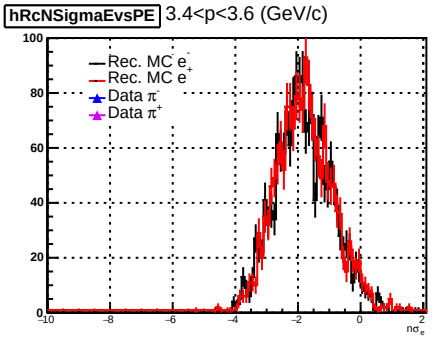

hRcNSigmaEvsPE
2.4<p<2.6 (GeV/c)
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nσe

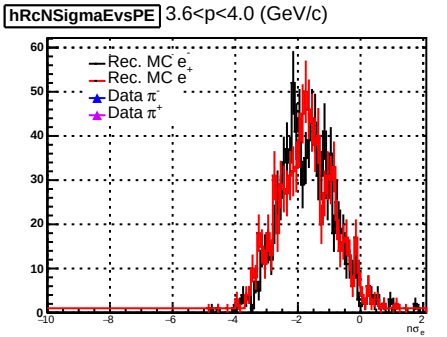

hRcNSigmaEvsPE
2.6<p<2.8 (GeV/c)
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nσe


hRcNSigmaEvsPE
2.8<p<3.0 (GeV/c)
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nσe


hRcNSigmaEvsPE
3.0<p<3.2 (GeV/c)
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nσe


hRcNSigmaEvsPE
3.2<p<3.4 (GeV/c)
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nσe


hRcNSigmaEvsPE
3.4<p<3.6 (GeV/c)
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nσe


hRcNSigmaEvsPE
3.6<p<4.0 (GeV/c)
Rec. MC e-
Rec. MC e+
Data π-
Data π+
nσe