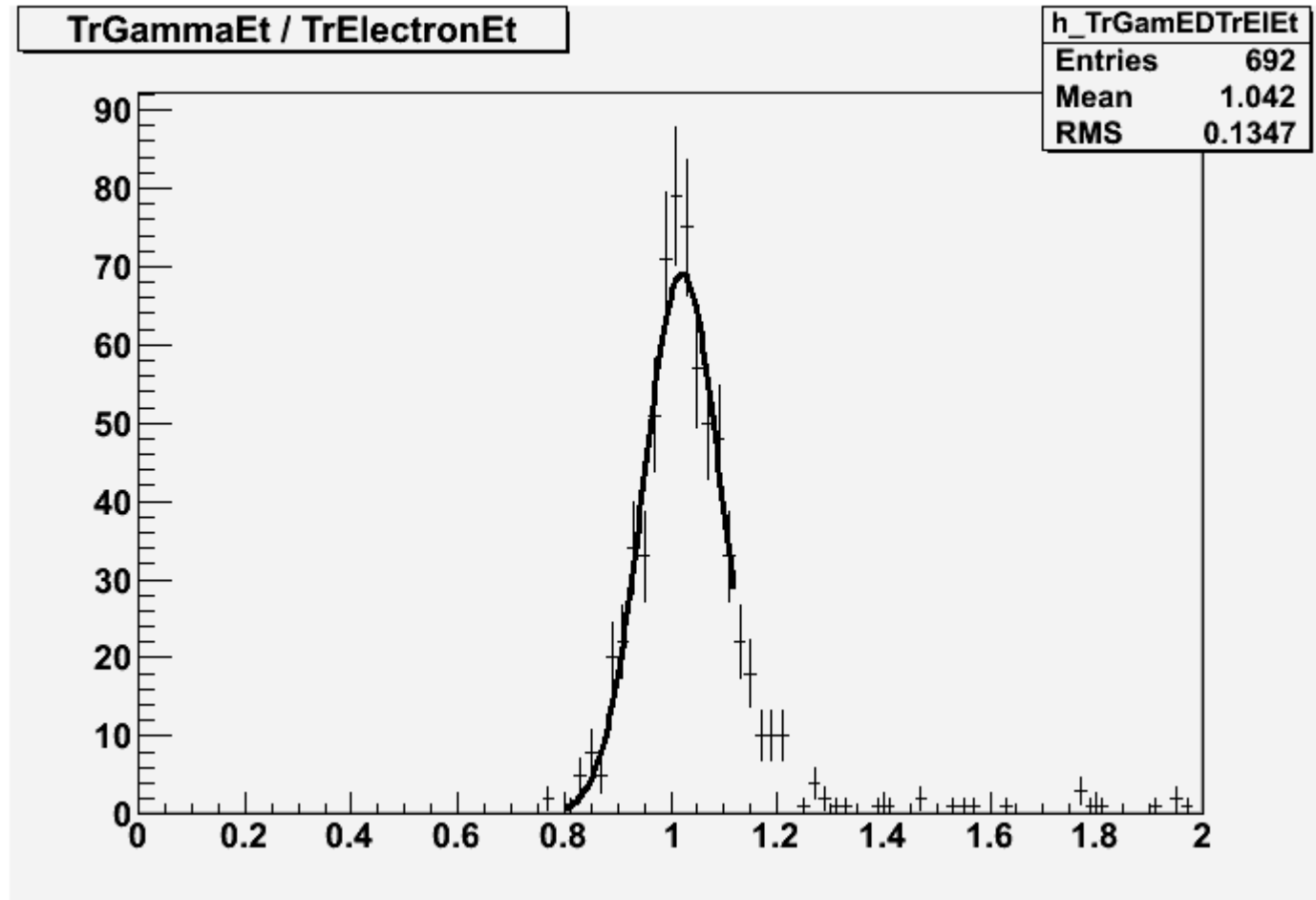


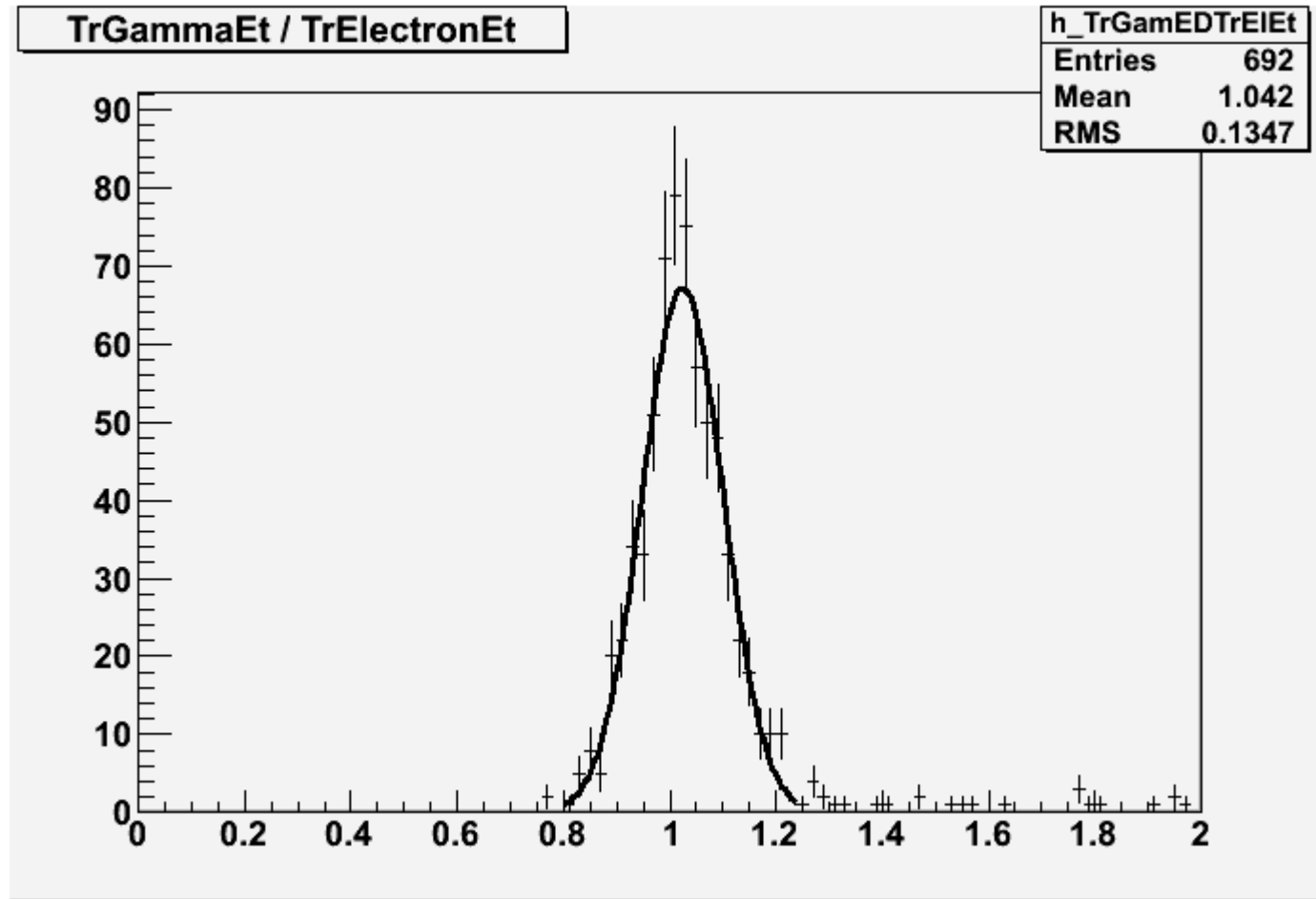
Fit of Gamma-had / Electron-had



0.8-1.1

EXT	PARAMETER			STEP	FIRST
NO.	NAME	VALUE	ERROR	SIZE	DERIVATIVE
1	Constant	6.90135e+01	3.70316e+00	5.59288e-03	-1.61900e-06
2	Mean	1.02123e+00	4.28087e-03	6.86780e-06	-4.62710e-03
3	Sigma	7.32690e-02	3.74551e-03	2.39110e-05	1.74768e-03

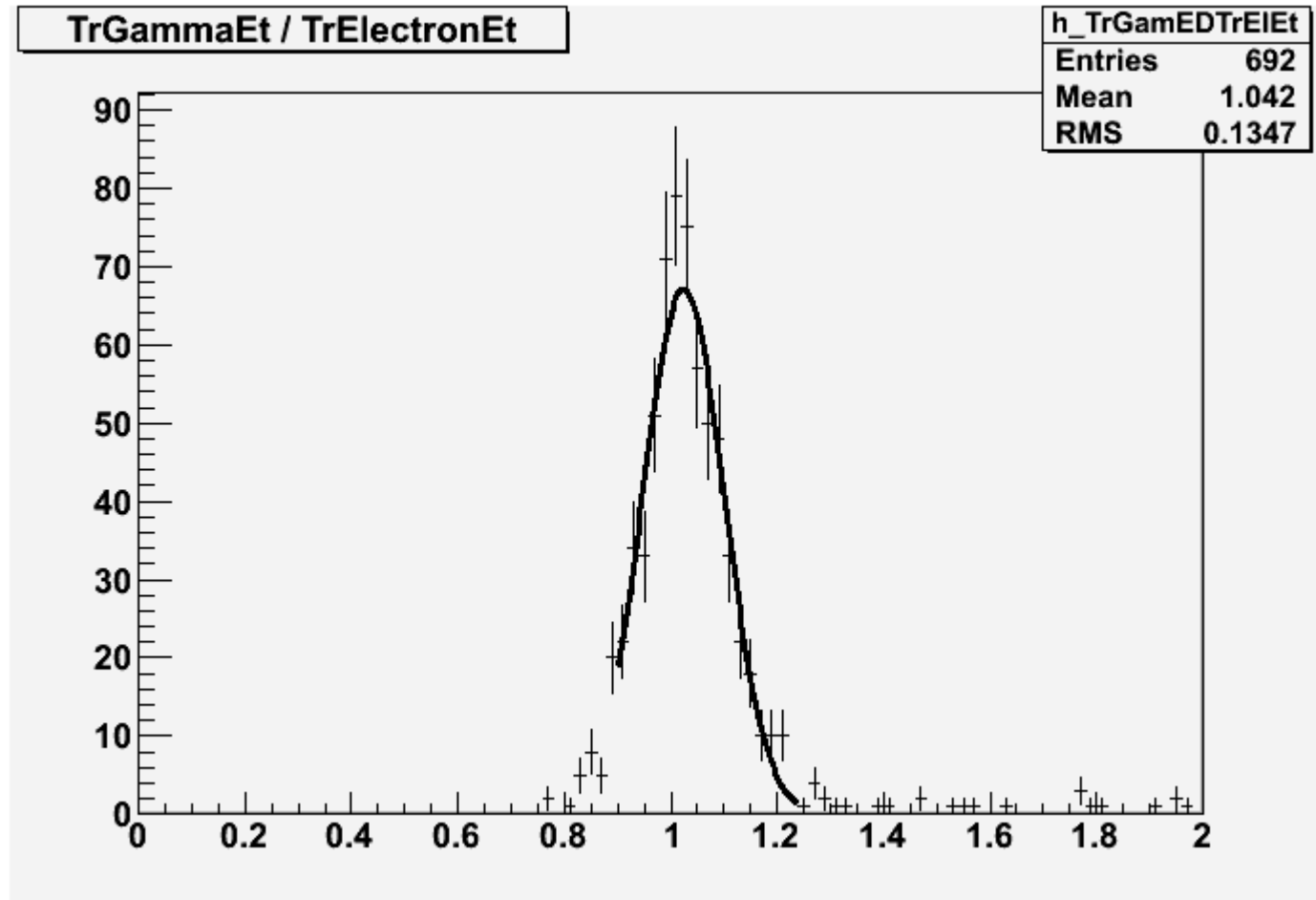
Fit of Gamma-had / Electron-had



0.8-1.24

EXT	PARAMETER	STEP	FIRST		
NO.	NAME	VALUE	ERROR	SIZE	DERIVATIVE
1	Constant	6.71679e+01	3.49200e+00	6.20353e-03	-2.20558e-08
2	Mean	1.02406e+00	3.16562e-03	7.27147e-06	9.75027e-05
3	Sigma	7.65578e-02	2.73936e-03	2.32720e-05	-3.24499e-05

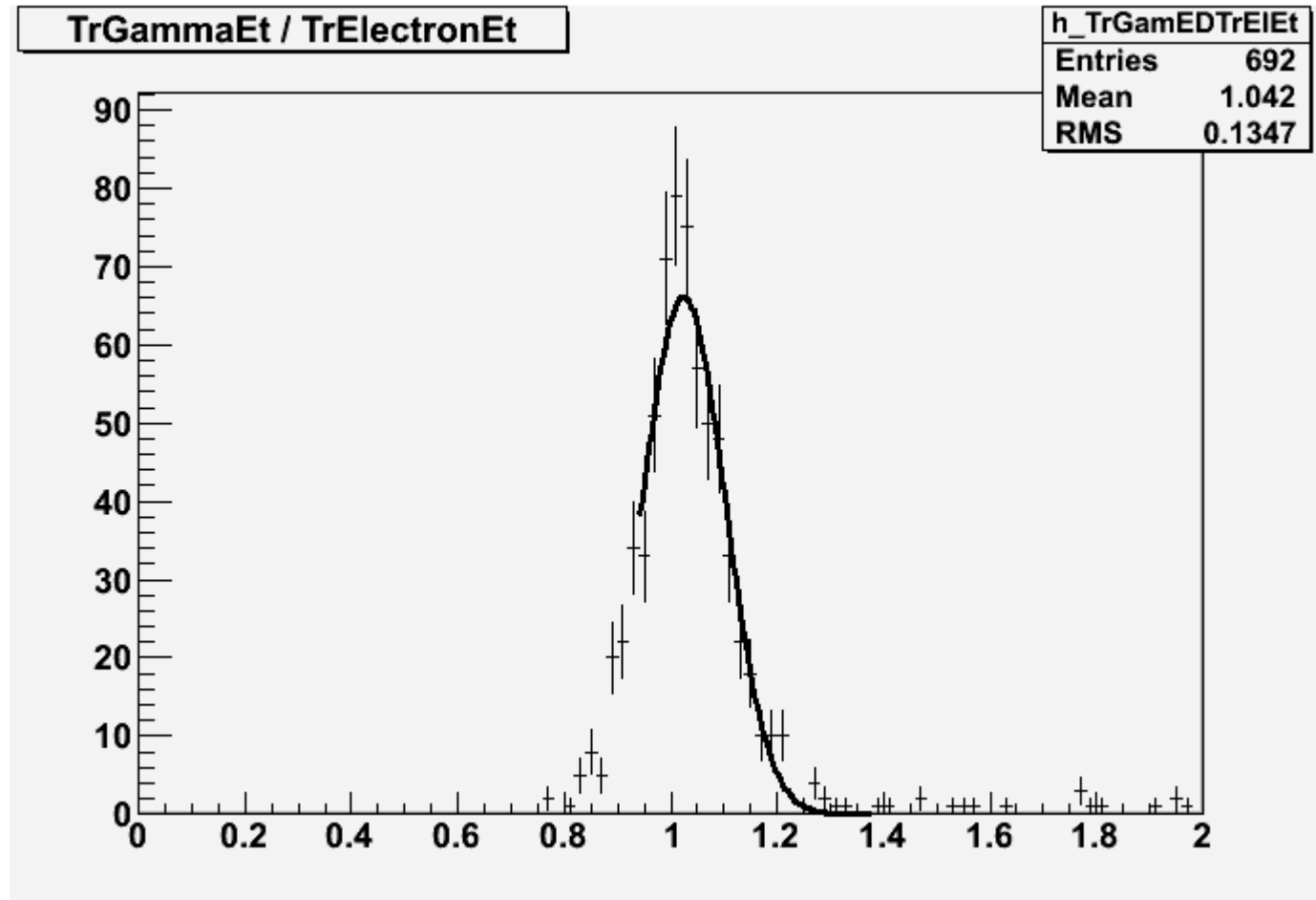
Fit of Gamma-had / Electron-had



0.9-1.24

EXT	PARAMETER	STEP	FIRST		
NO.	NAME	VALUE	ERROR	SIZE	DERIVATIVE
1	Constant	6.69927e+01	3.75696e+00	5.32910e-03	-1.20479e-05
2	Mean	1.02386e+00	3.69339e-03	6.96183e-06	-2.13780e-04
3	Sigma	7.68831e-02	3.94919e-03	2.62648e-05	-7.95042e-03

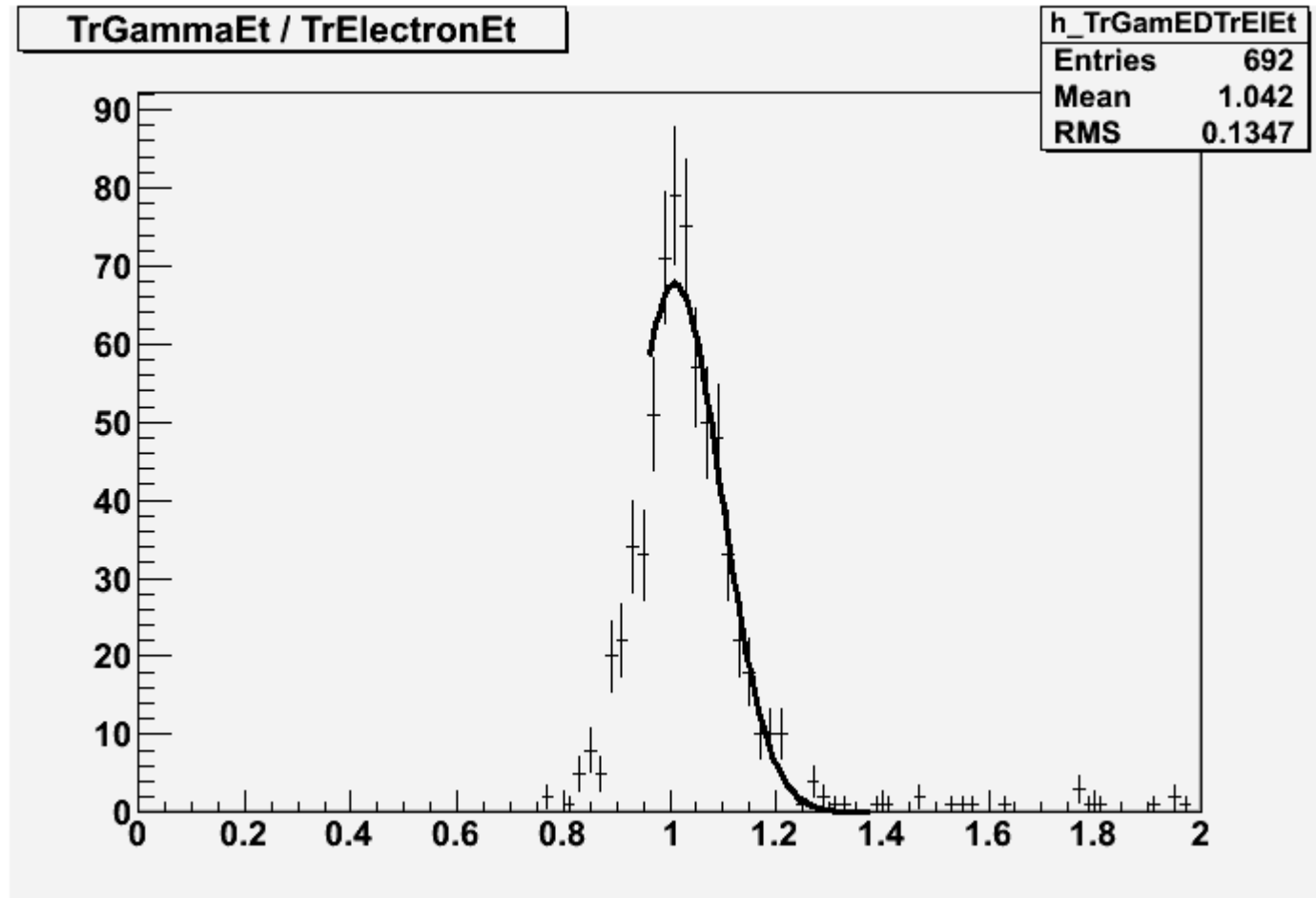
Fit of Gamma-had / Electron-had



0.94-1.38

EXT	PARAMETER	STEP	FIRST		
NO.	NAME	VALUE	ERROR	SIZE	DERIVATIVE
1	Constant	6.61035e+01	3.81024e+00	6.52185e-03	-4.29386e-07
2	Mean	1.02415e+00	5.19488e-03	9.23923e-06	-9.04998e-04
3	Sigma	7.80899e-02	5.22475e-03	3.50646e-05	-1.11768e-04

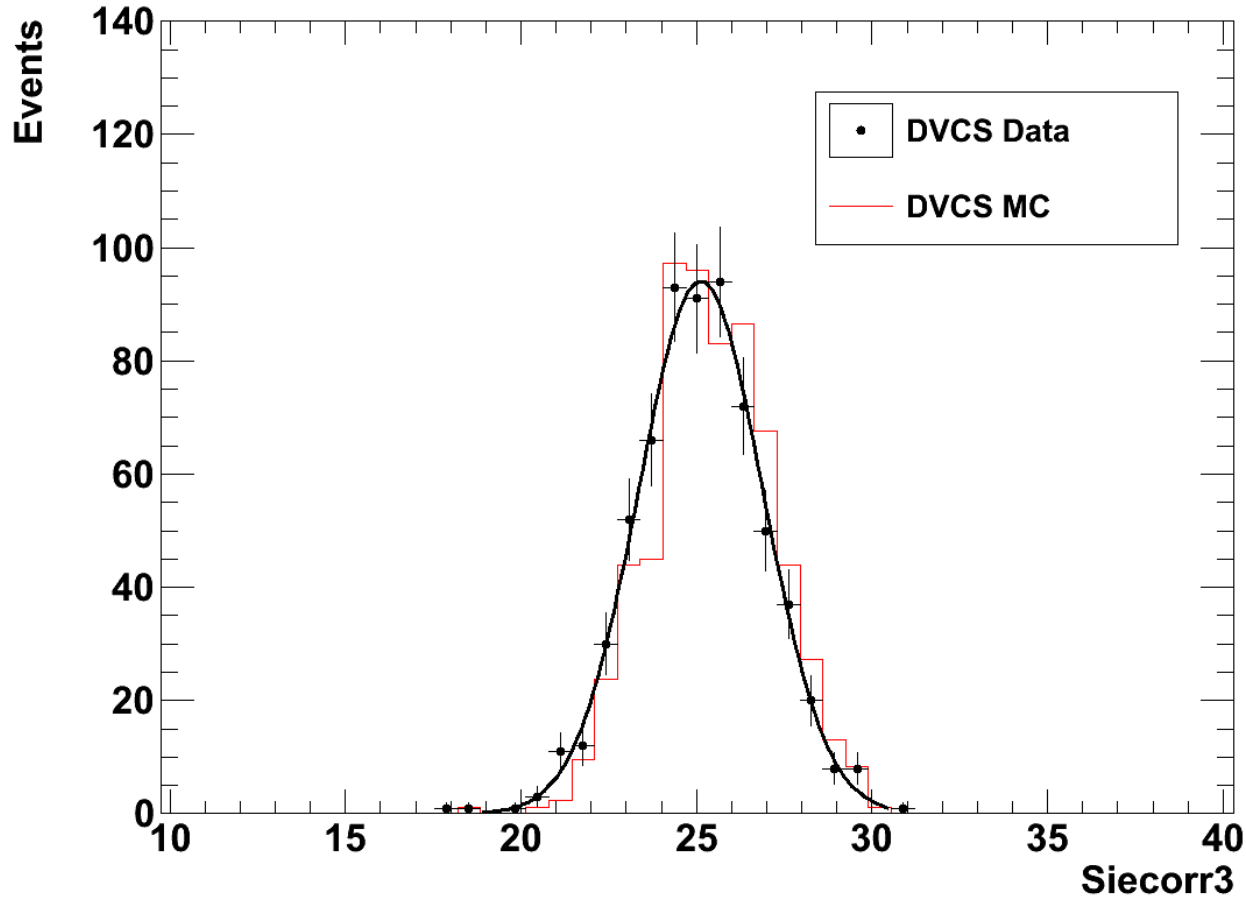
Fit of Gamma-had / Electron-had



0.96-1.38

EXT	PARAMETER	STEP	FIRST		
NO.	NAME	VALUE	ERROR	SIZE	DERIVATIVE
1	Constant	6.76880e+01	3.63371e+00	5.95136e-03	-2.57472e-05
2	Mean	1.00949e+00	1.06068e-02	9.19592e-06	4.52101e-03
3	Sigma	8.73471e-02	7.48768e-03	2.91192e-05	2.42642e-03

Fit of Siecorr3



Siecorr3 Data 18.25-31.55

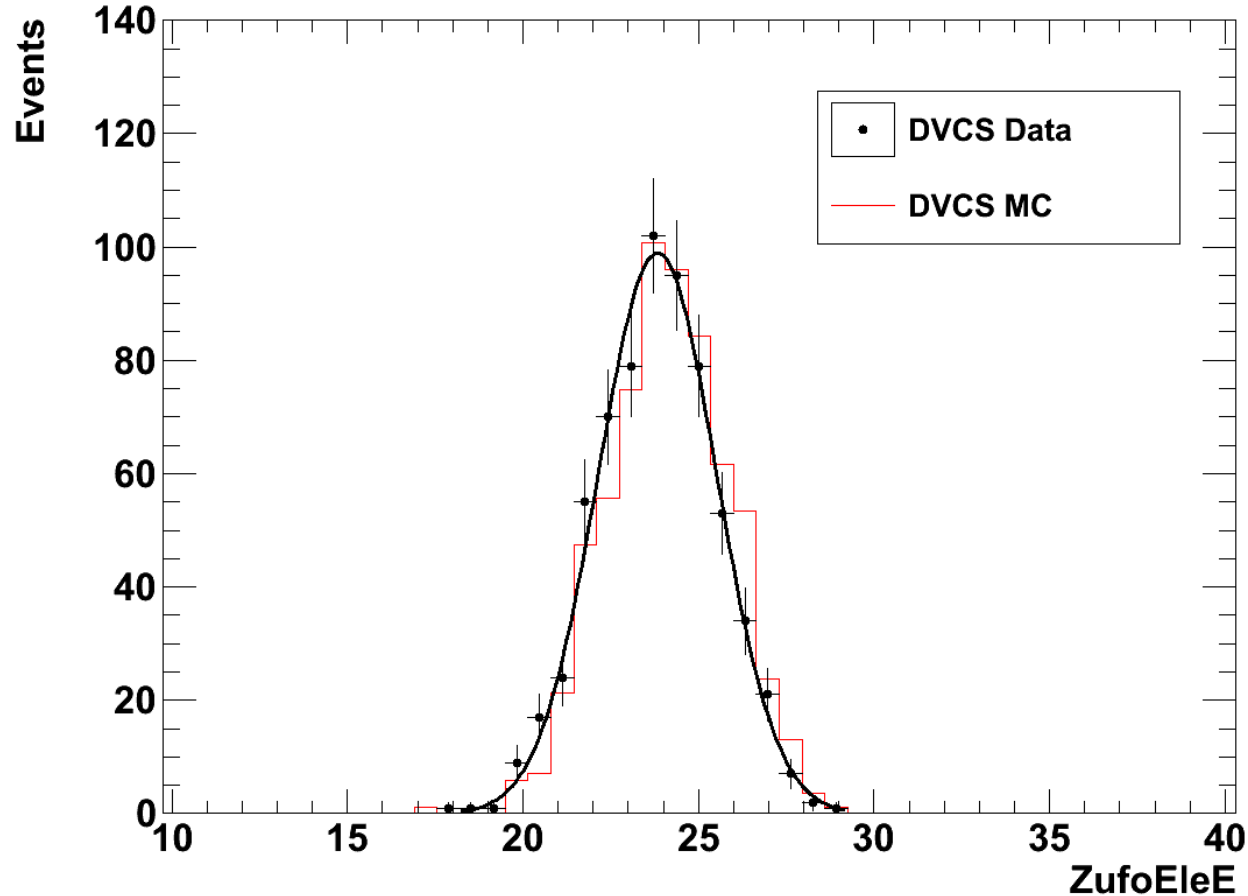
EXT PARAMETER		STEP FIRST			
NO.	NAME	VALUE	ERROR	SIZE	DERIVATIVE
1	Constant	9.40291e+01	4.56663e+00	-2.85302e-07	-1.01836e-11
2	Mean	2.51213e+01	7.17514e-02	-1.07591e-09	-1.10450e-07
3	Sigma	1.77643e+00	5.19661e-02	7.87404e-10	2.92505e-06

Siecorr3 MC 18.25-31.20

EXT PARAMETER		STEP FIRST			
NO.	NAME	VALUE	ERROR	SIZE	DERIVATIVE
1	Constant	9.62975e+01	5.03547e+00	7.19685e-03	-6.61180e-08
2	Mean	2.54787e+01	7.51633e-02	1.29903e-04	5.30616e-06
3	Sigma	1.71699e+00	5.19004e-02	1.42897e-05	-5.76132e-05

Agreement within 2%

Fit of Zufo Electron



Zufo Electron Data 18.25-31.55

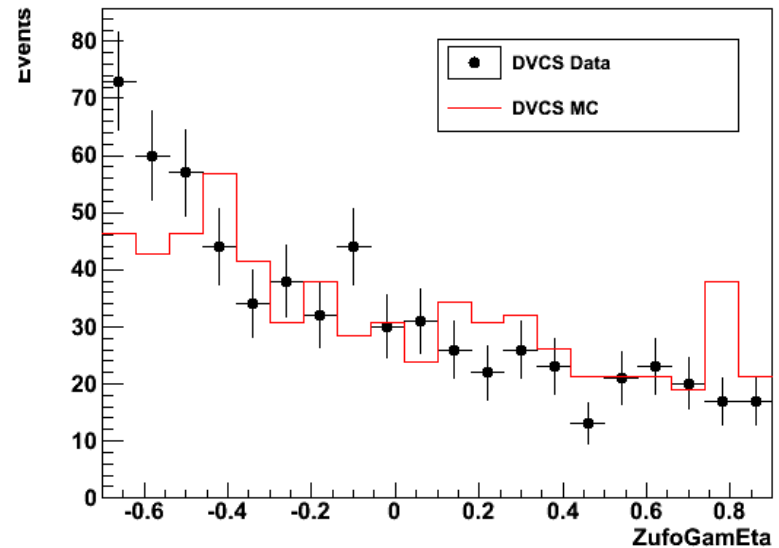
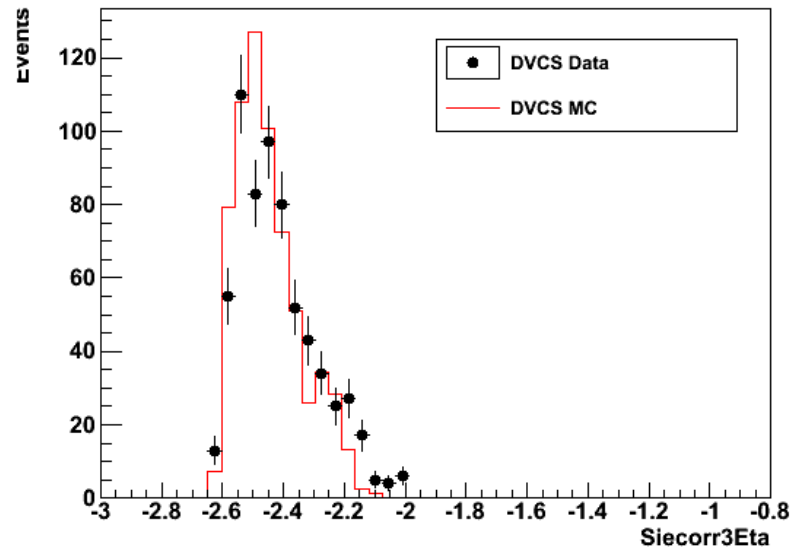
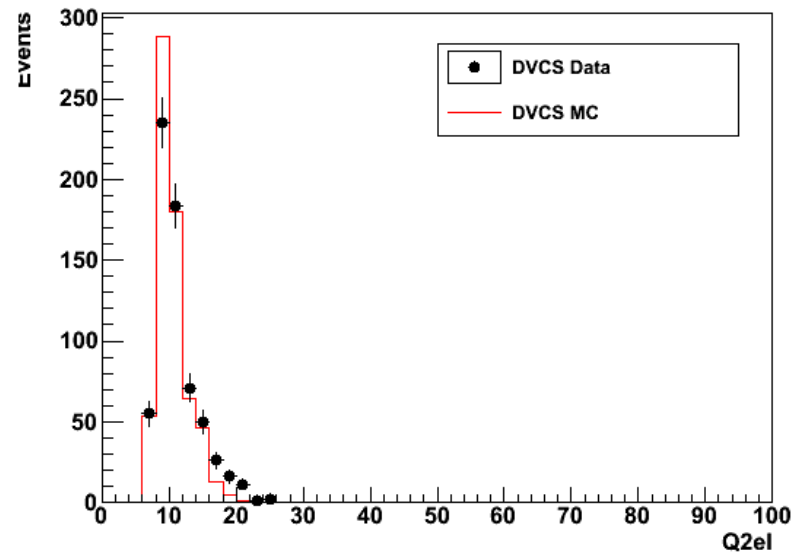
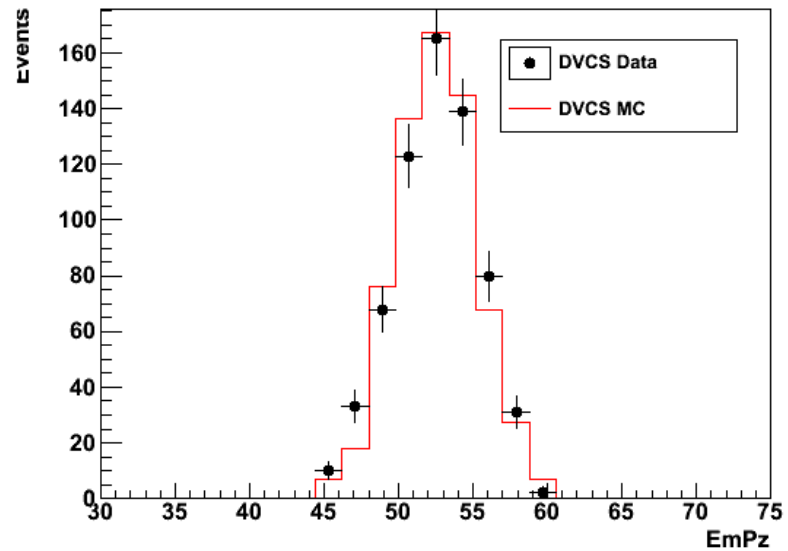
EXT	PARAMETER	STEP	FIRST		
NO.	NAME	VALUE	ERROR	SIZE	DERIVATIVE
1	Constant	9.90085e+01	4.71634e+00	5.64311e-03	2.50286e-06
2	Mean	2.38295e+01	6.68575e-02	9.65393e-05	6.91776e-04
3	Sigma	1.68377e+00	4.54524e-02	1.06979e-05	-1.72361e-04

Zufo Electron MC 18.20-29.25

EXT	PARAMETER	STEP	FIRST		
NO.	NAME	VALUE	ERROR	SIZE	DERIVATIVE
1	Constant	9.86231e+01	5.18572e+00	5.80520e-03	3.40789e-06
2	Mean	2.41301e+01	7.46537e-02	1.01655e-04	1.54108e-03
3	Sigma	1.69423e+00	5.33330e-02	1.17450e-05	3.38191e-04

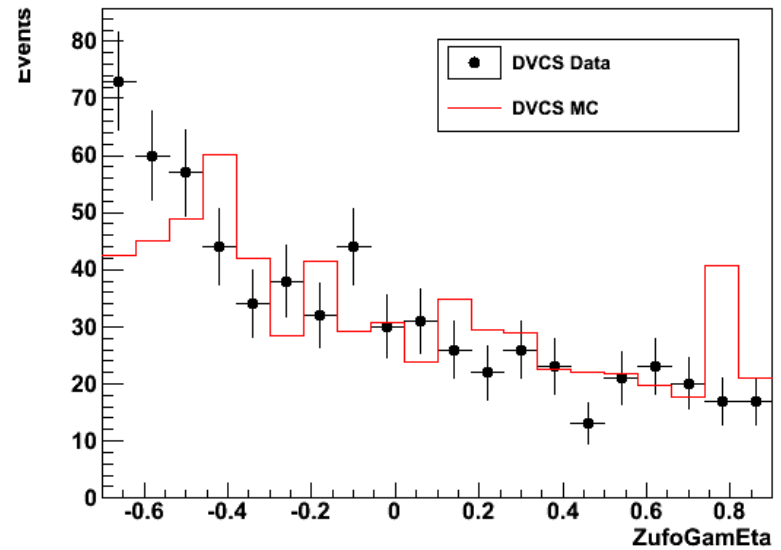
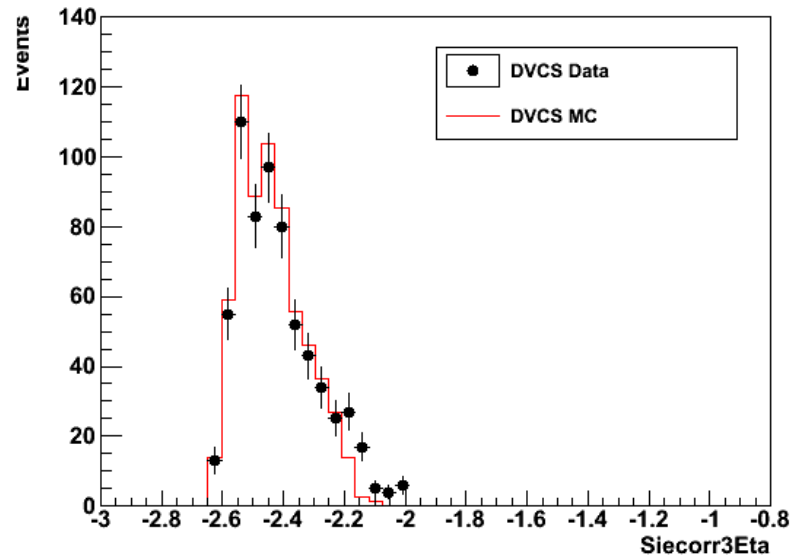
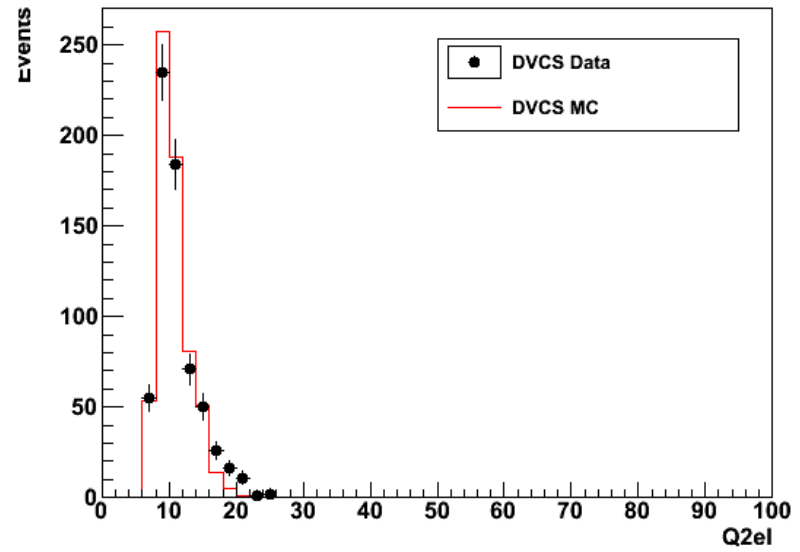
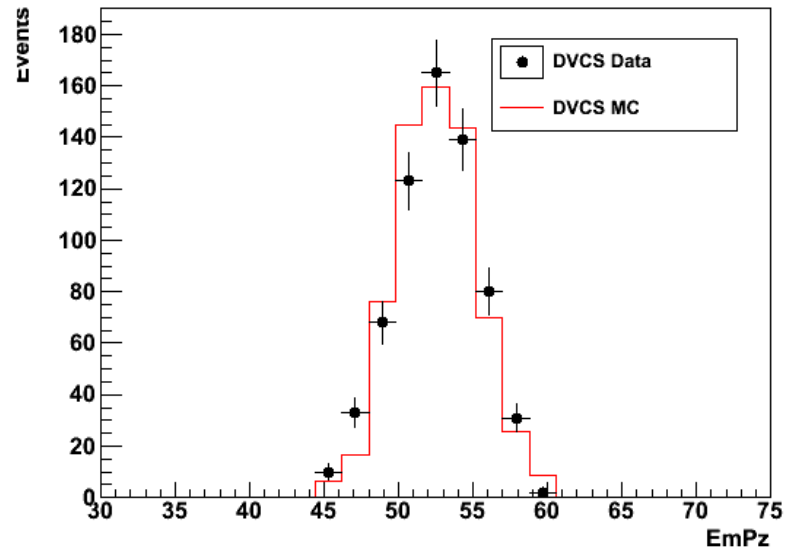
Agreement within 2%

Control plots without reweighting

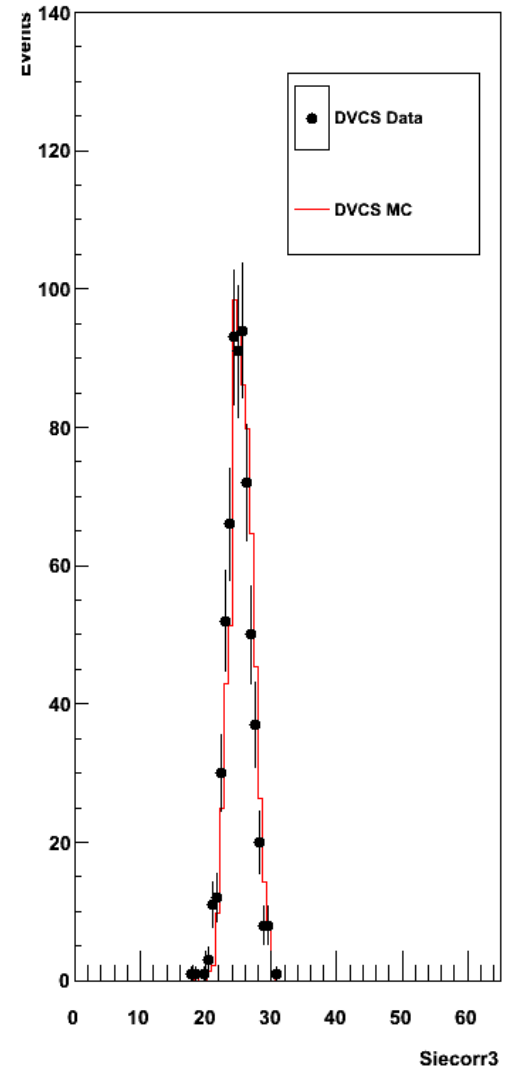
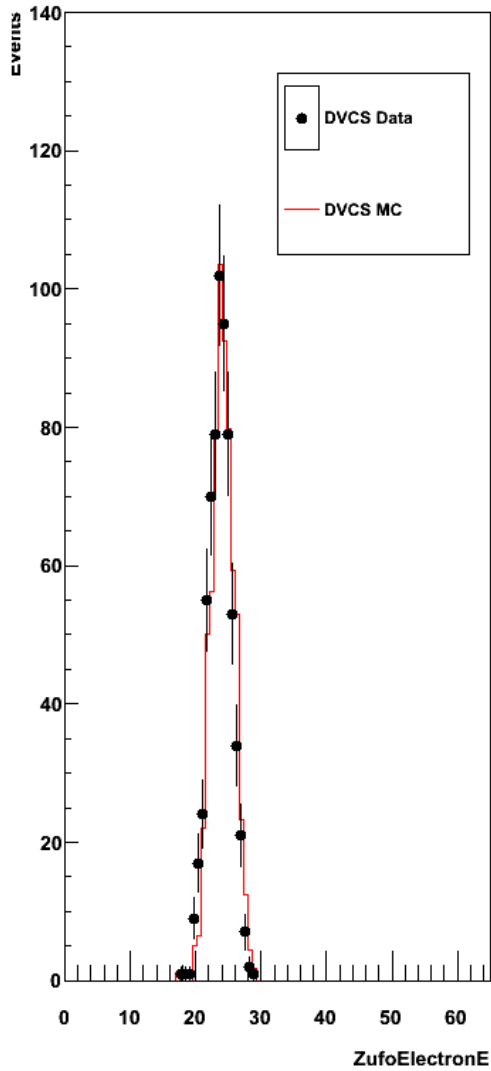
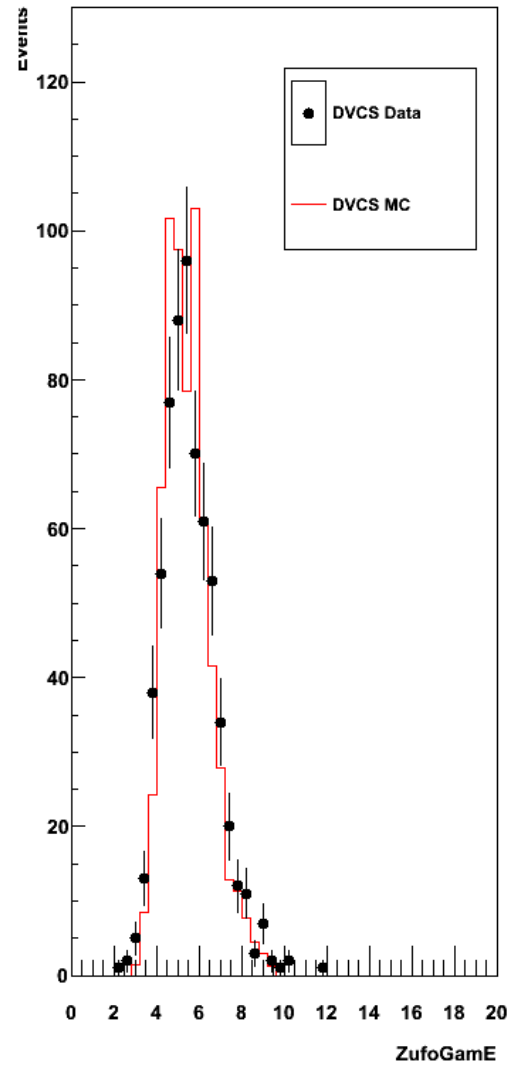


Now Sinistra Eta is shown properly instead of Zufo Electron Eta

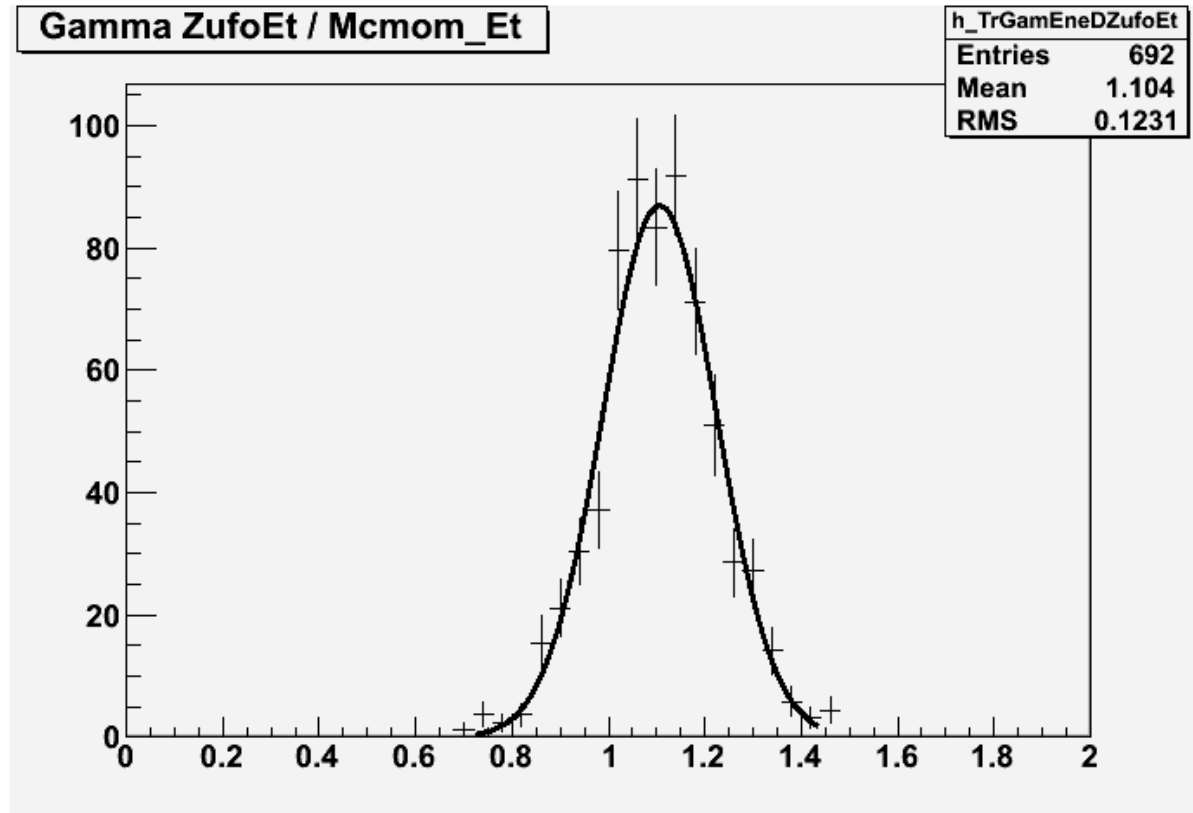
Control plots after reweighting



Control plots after reweighting



DVCS Gamma Det Et / Had Et



MC EtGamDet / EtGamHad

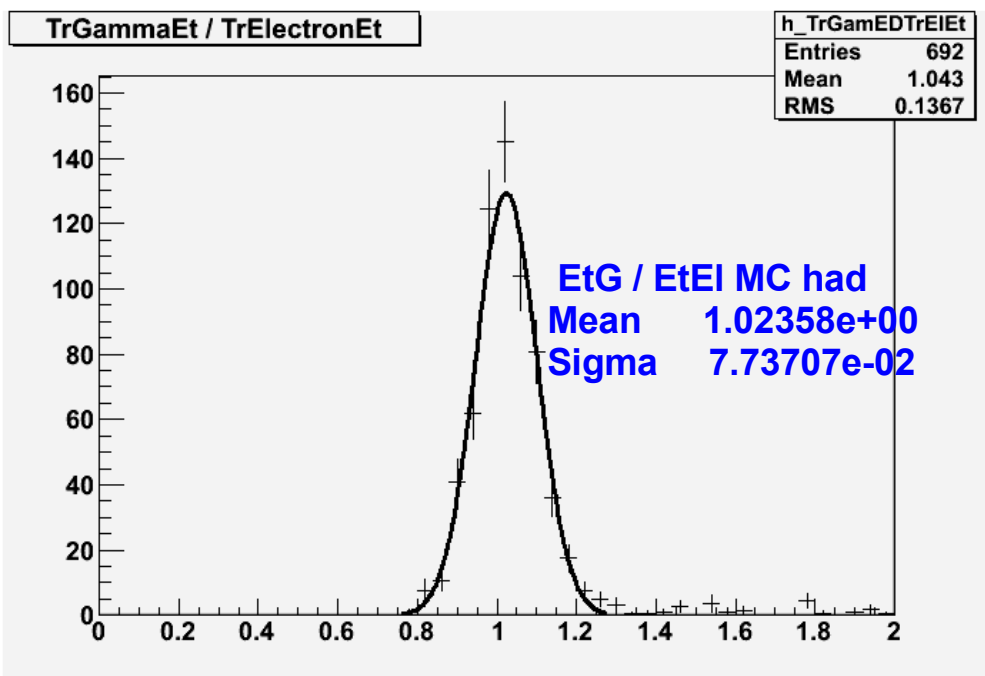
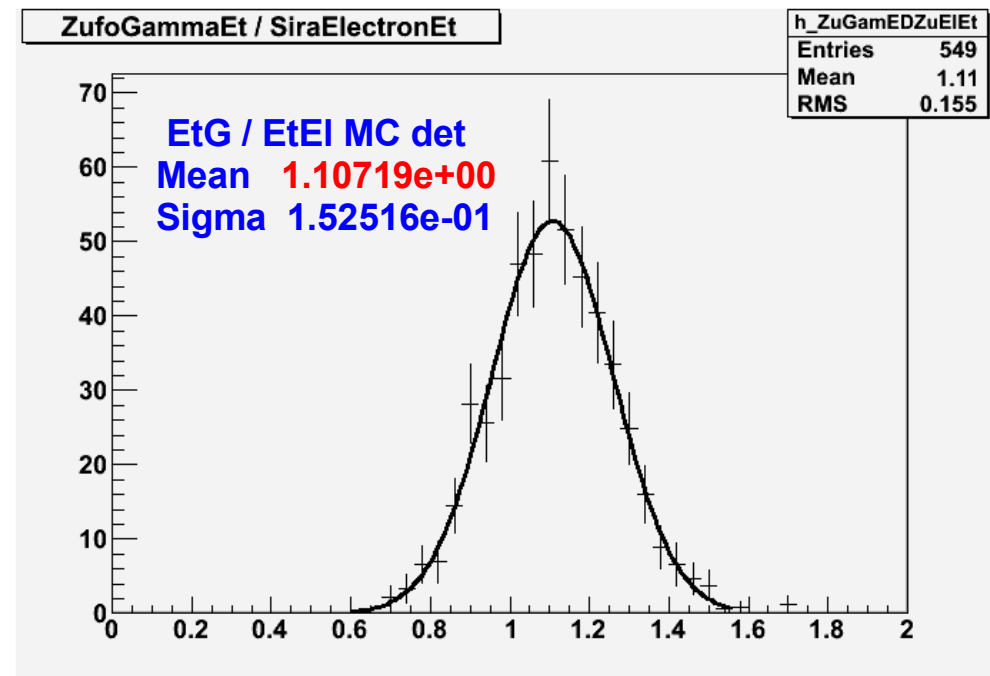
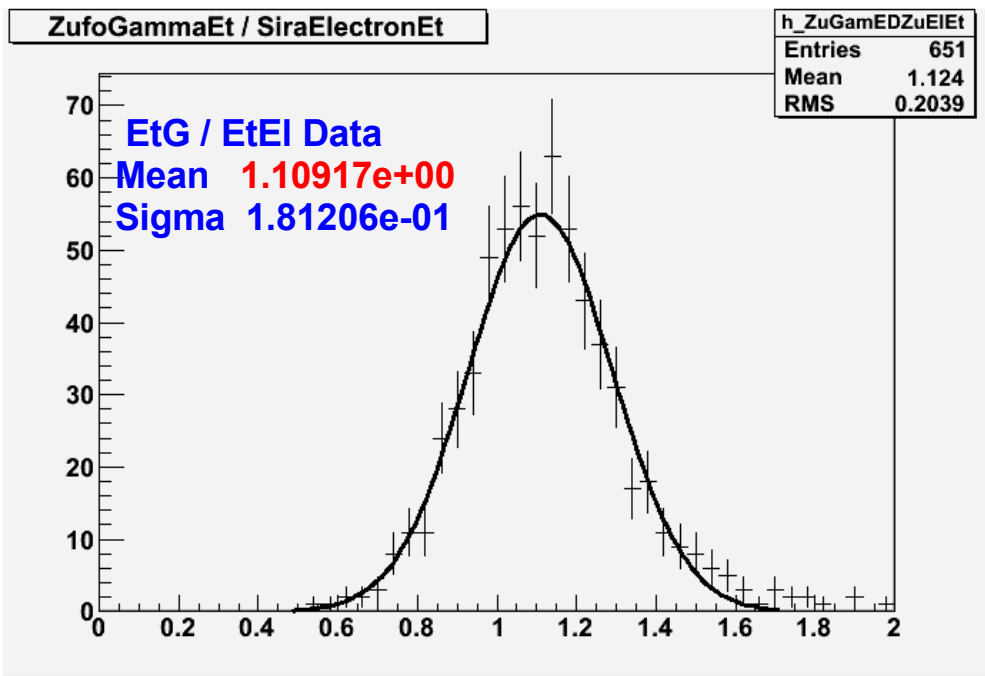
EXT PARAMETER

NO.	NAME	VALUE	ERROR	STEP SIZE	FIRST DERIVATIVE
1	Constant	8.69706e+01	4.58659e+00	7.14497e-03	7.45215e-08
2	Mean	1.10550e+00	4.83577e-03	9.73969e-06	3.26266e-05
3	Sigma	1.18495e-01	3.96685e-03	1.72827e-05	-2.52587e-05

Reweighting applied.

A 10% effect similar to PHP.

DVCS Zufo Gamma Et / Ele Et



Reweighting applied.

Gamma and electron Et difference in Data is close to MC detector level value.