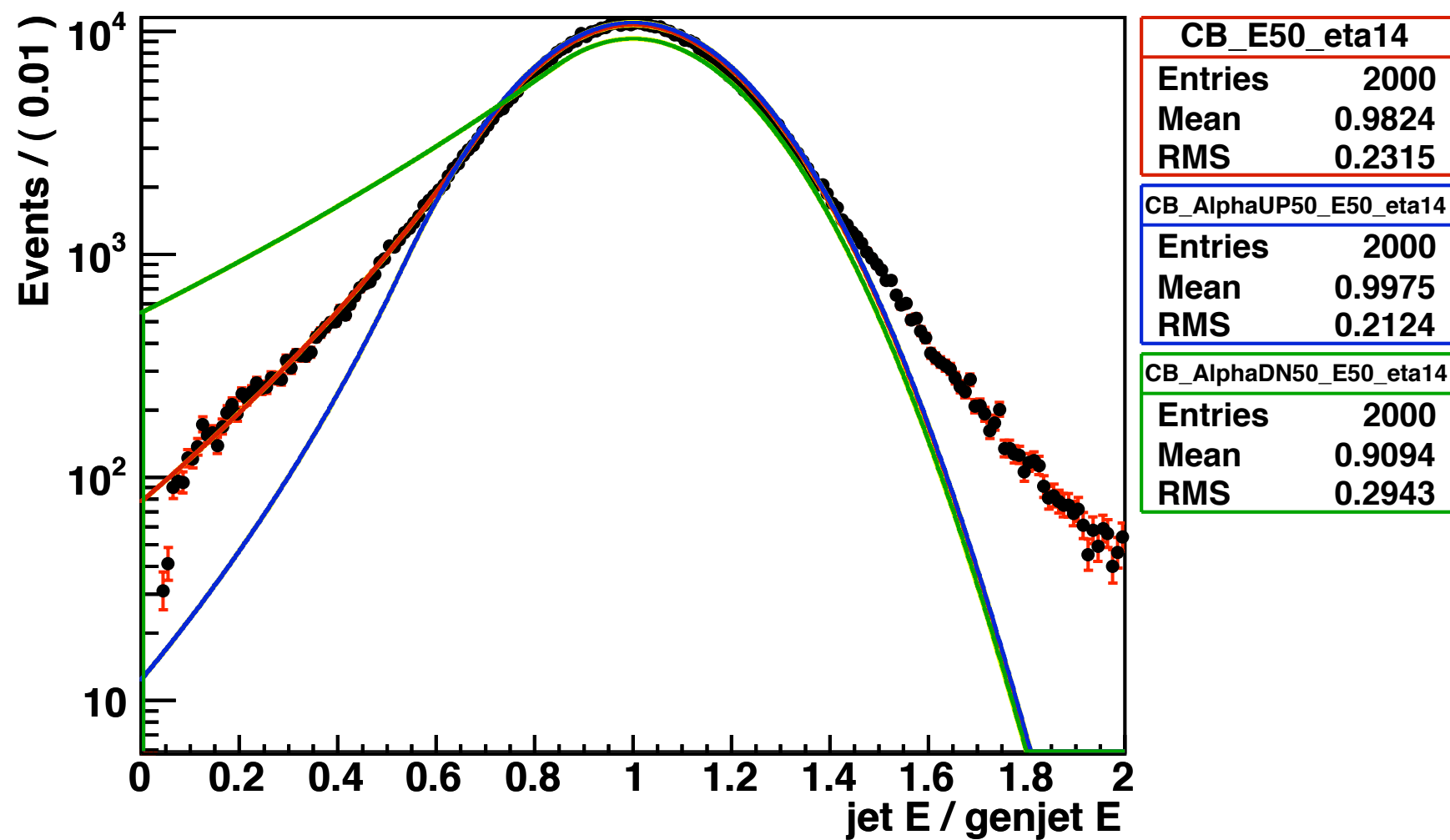
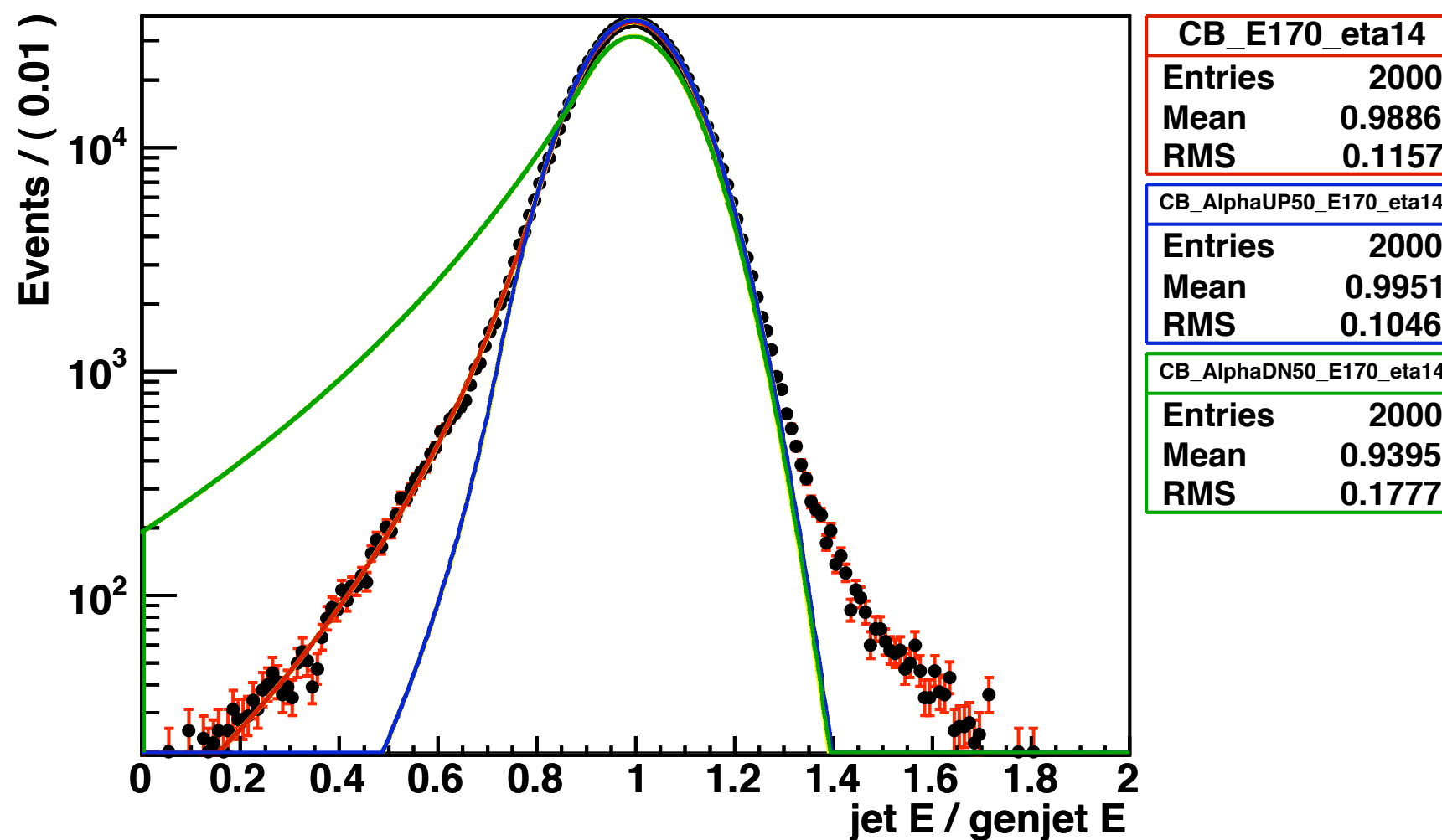


A RooPlot of "jet E / genjet E"



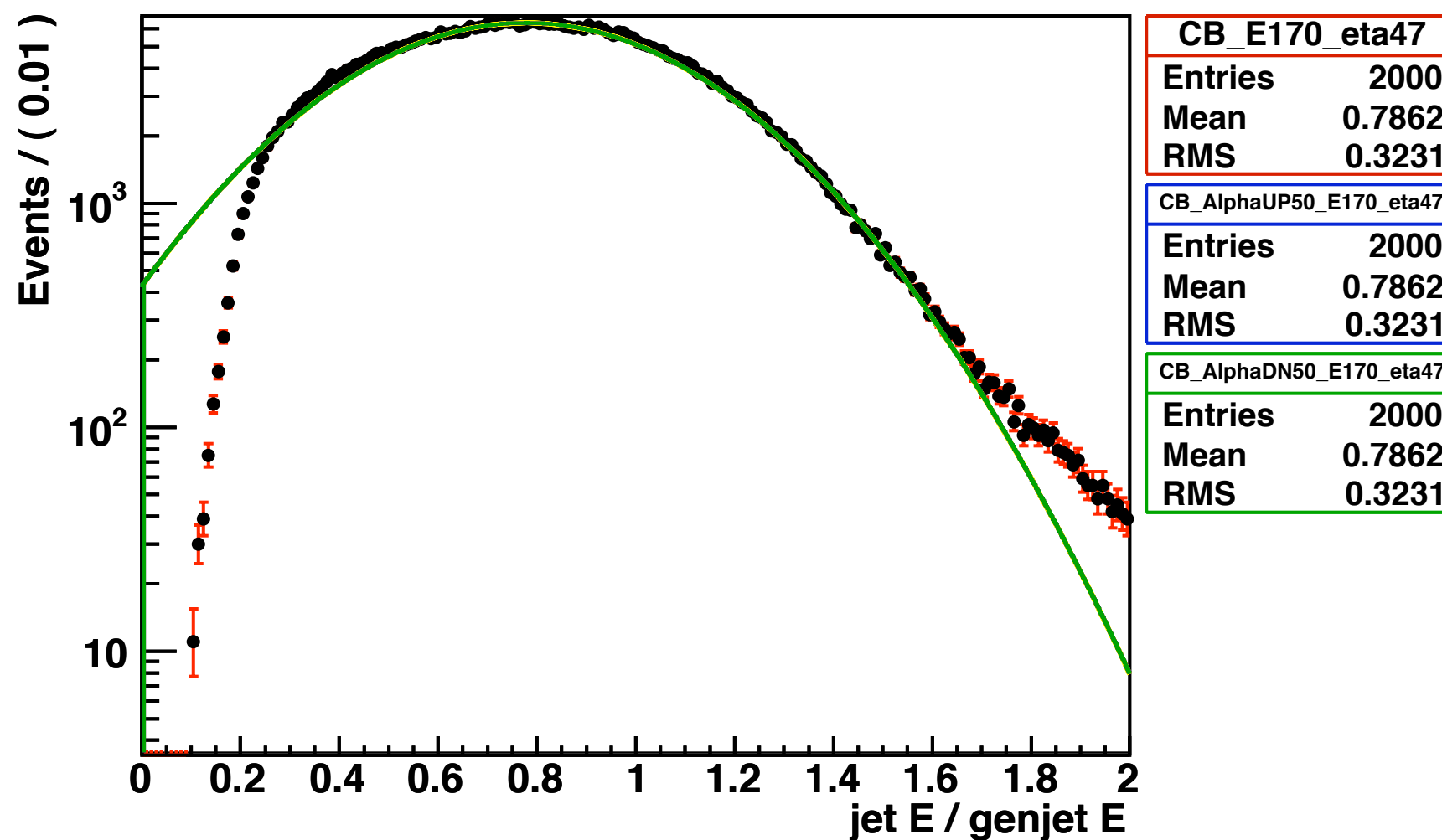
jet response + CB fit and variation of α

A RooPlot of "jet E / genjet E"



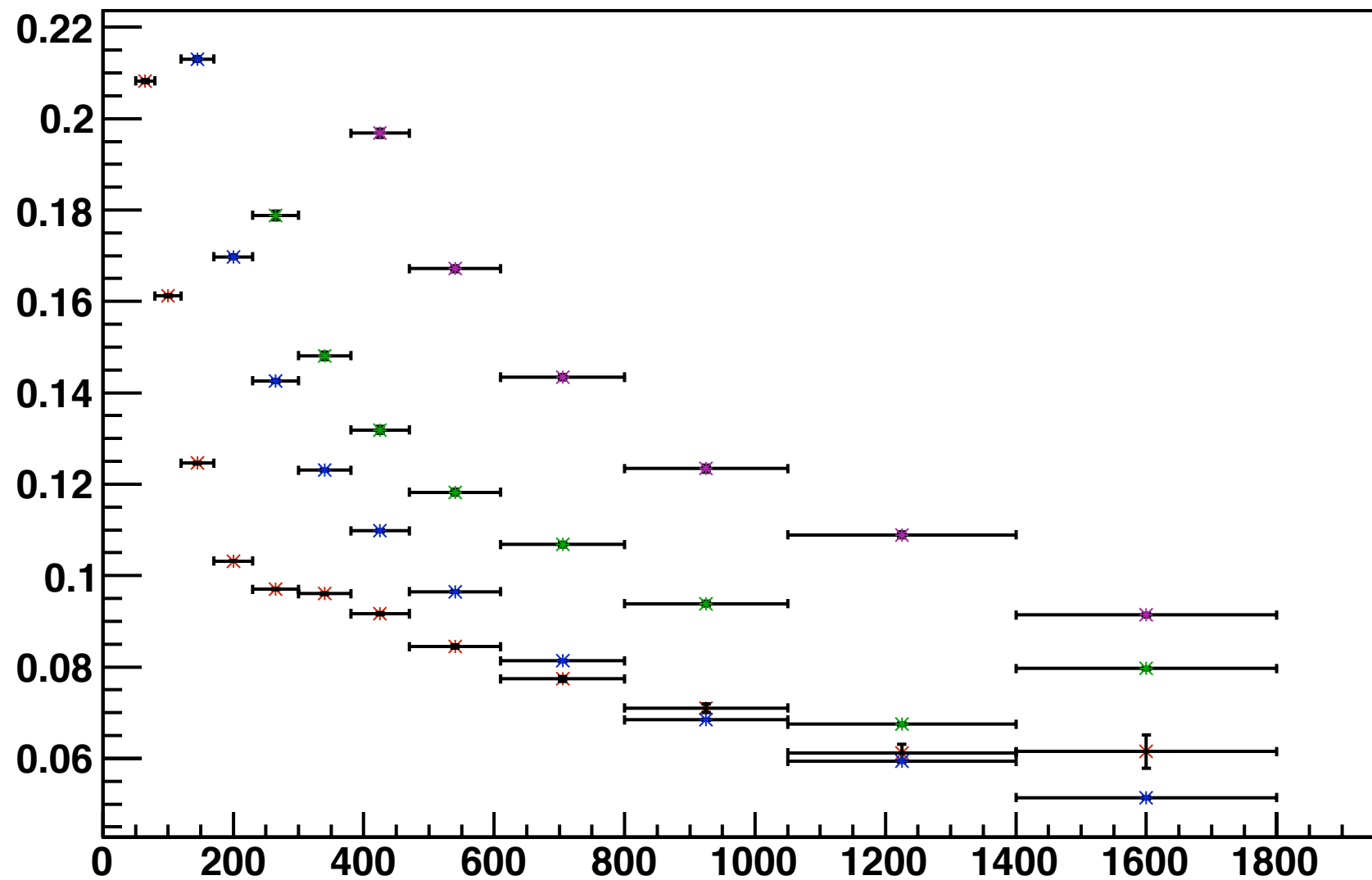
jet response + CB fit and variation of α

A RooPlot of "jet E / genjet E"



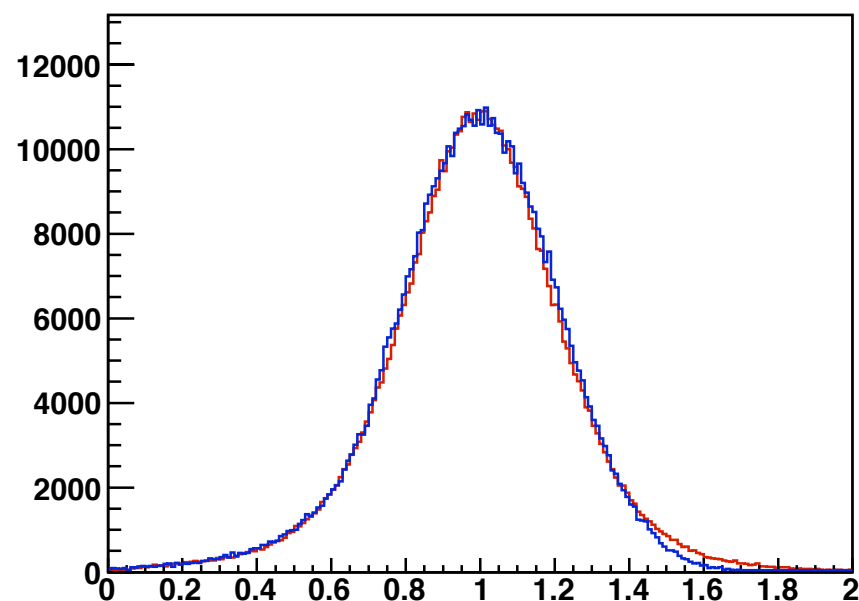
sigma from Gaussian part of fit

Graph



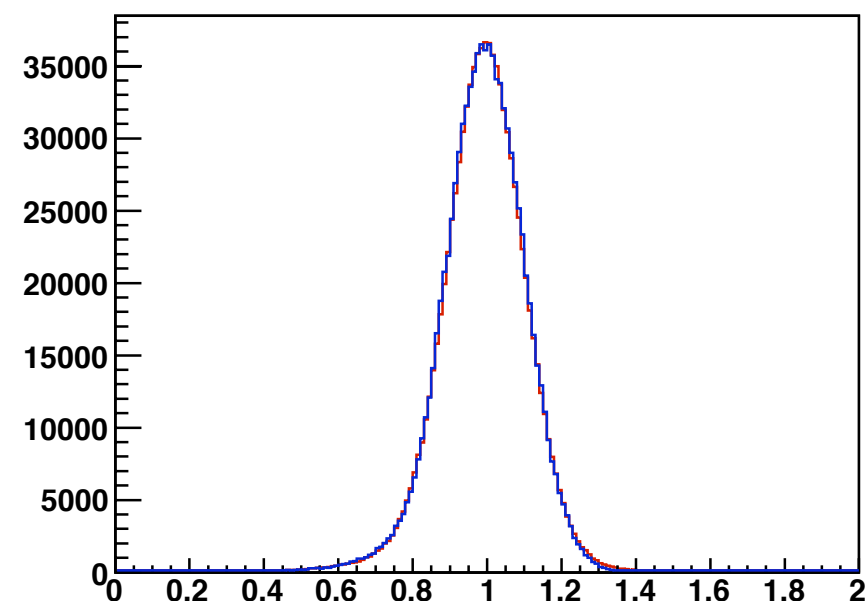
check the smearing

PatJets.E/PatJets.GenE
PatJets.GenE>50PatJets.GenE<80abs(PatJets.GenEta)>0.abs(PatJets.GenEta)<1.4



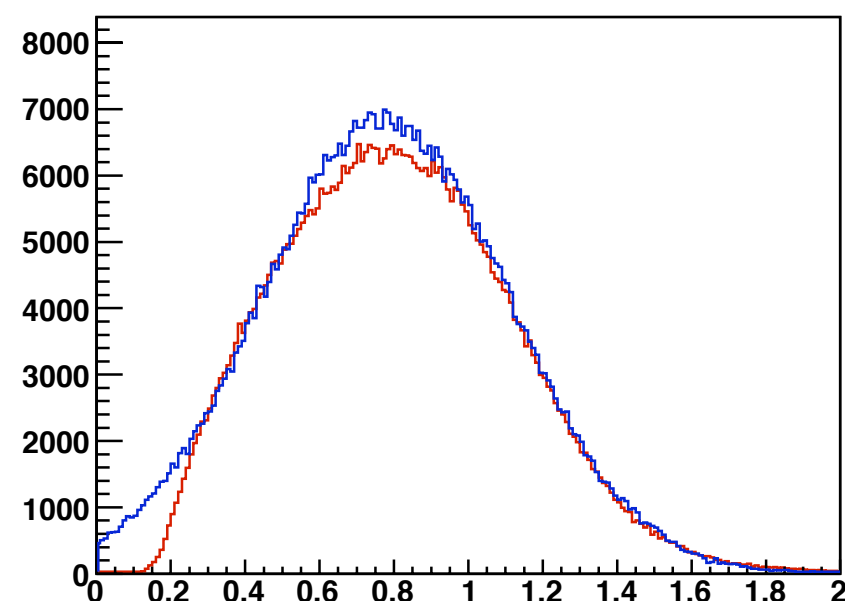
CaloJets:	
Entries	574731
Mean	0.9926
RMS	0.2426
SmearJets:	
Entries	578523
Mean	0.9817
RMS	0.2314

PatJets.E/PatJets.GenE
PatJets.GenE>170PatJets.GenE<230abs(PatJets.GenEta)>0.abs(PatJets.GenEta)<1.4



CaloJets:	
Entries	957471
Mean	0.9911
RMS	0.1203
SmearJets:	
Entries	957867
Mean	0.9884
RMS	0.1157

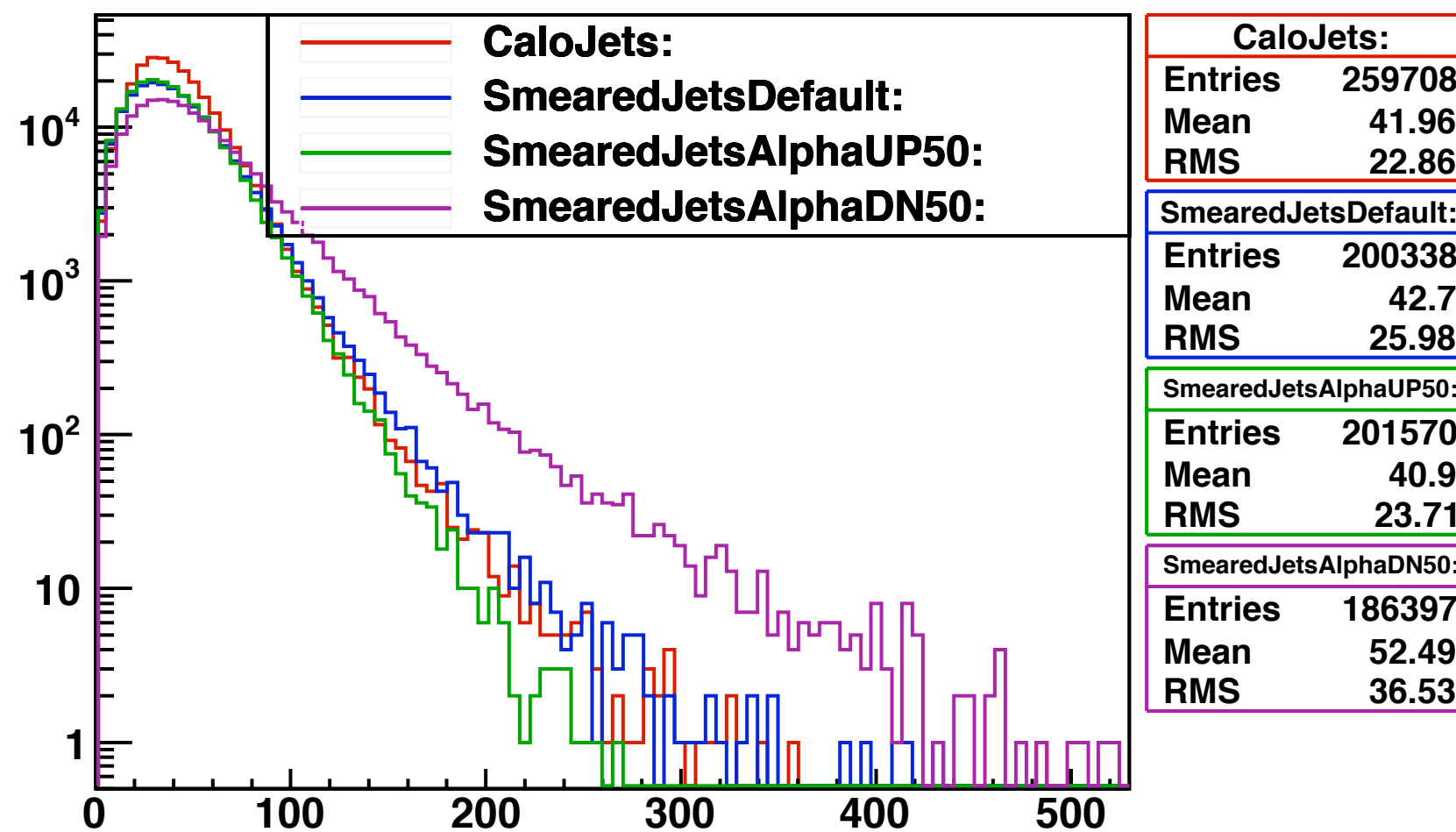
PatJets.E/PatJets.GenE
PatJets.GenE>170PatJets.GenE<230abs(PatJets.GenEta)>3.2abs(PatJets.GenEta)<4.7



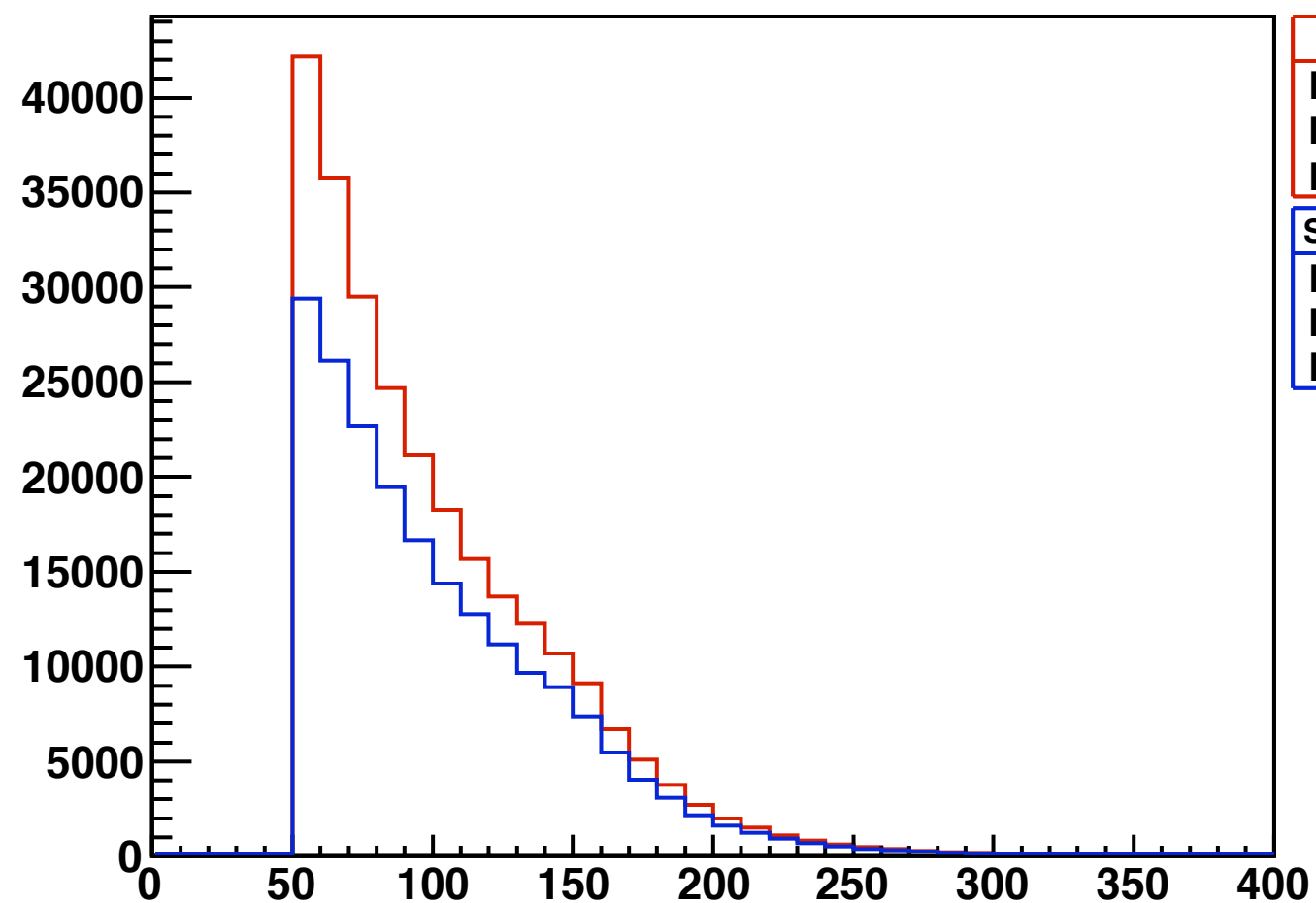
CaloJets:	
Entries	531089
Mean	0.808
RMS	0.3099
SmearJets:	
Entries	568458
Mean	0.7853
RMS	0.3227

MHT for 3 smearing scenarios

MHT.MHT



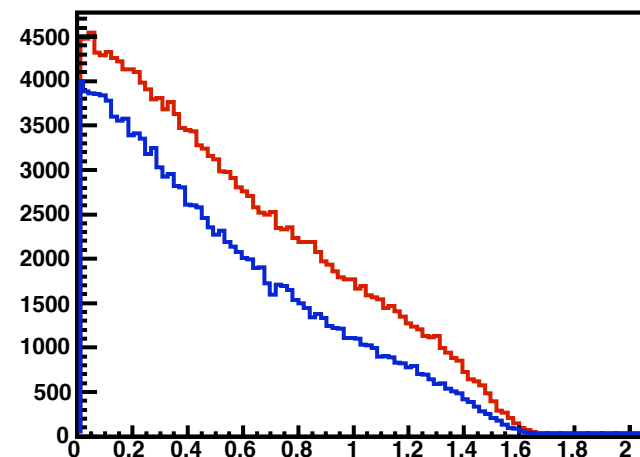
JetSelection.Jet2Pt



CaloJets:	
Entries	259708
Mean	100.8
RMS	44.23
SmearedJetsDefault:	
Entries	200338
Mean	102.8
RMS	44.66

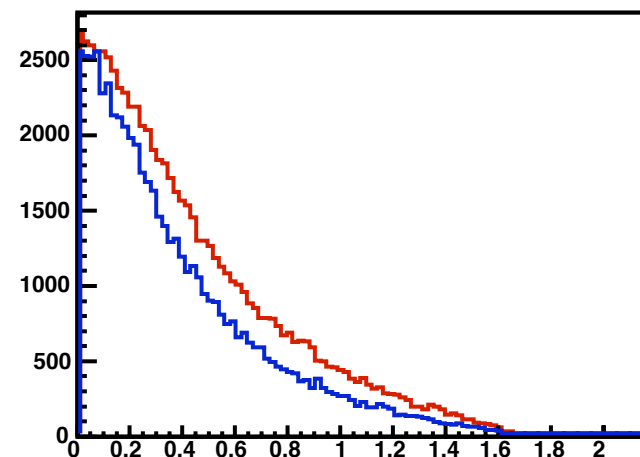
min deltaPhi (slices of MHT)

DPHMMinMnt.dPhi
MHT.MHT<0.5e2



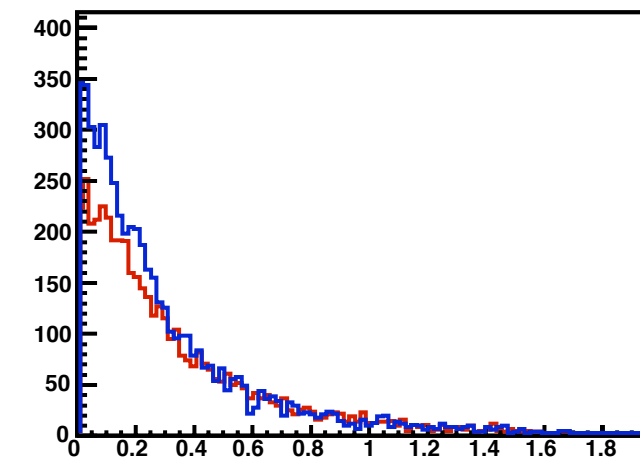
CaloJets:	
Entries	182423
Mean	0.5504
RMS	0.3951
SmearedJetsDefault:	
Entries	136637
Mean	0.5004
RMS	0.379

DPHMMinMnt.dPhi
MHT.MHT>0.5e2MHT.MHT<100



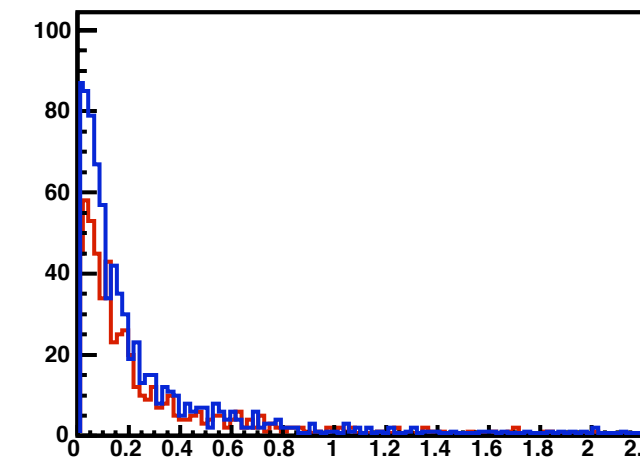
CaloJets:	
Entries	72100
Mean	0.433
RMS	0.3566
SmearedJetsDefault:	
Entries	57425
Mean	0.3818
RMS	0.3353

DPHMMinMnt.dPhi
MHT.MHT>1.0e2MHT.MHT<150



CaloJets:	
Entries	4641
Mean	0.333
RMS	0.3237
SmearedJetsDefault:	
Entries	5507
Mean	0.3024
RMS	0.3199

DPHMMinMnt.dPhi
MHT.MHT>1.5e2



CaloJets:	
Entries	544
Mean	0.2446
RMS	0.3127
SmearedJetsDefault:	
Entries	769
Mean	0.232
RMS	0.3197

MHT.MHT
MHT.MHT>150DPhiMinMht.dPhi>0.3

