Datasets used so far .. (2.6 fb)

/Jet/Run2011A-May10ReReco-v1/RECO

Cert_160404-163869_7TeV_May10ReReco_Collisions11_JSON_v3.txt

/Jet/Run2011A-PromptReco-v4/RECO

Cert_160404-173692_7TeV_PromptReco_Collisions11_JSON.txt

2.2 fb

/Jet/Run2011A-05Aug2011-v1/RECO

Cert_170249-172619_7TeV_ReReco5Aug_Collisions11_JSON_v2.txt

/Jet/Run2011A-PromptReco-v6/RECO

Cert_160404-173692_7TeV_PromptReco_Collisions11_JSON.txt

/Jet/Run2011B-PromptReco-v1/RECO

Cert_160404-177053_7TeV_PromptReco_Collisions11_JSON.txt

For Runs > 175832

New data (0.4 fb)
[due to some job crash, could not include entire lumi(0.7)]

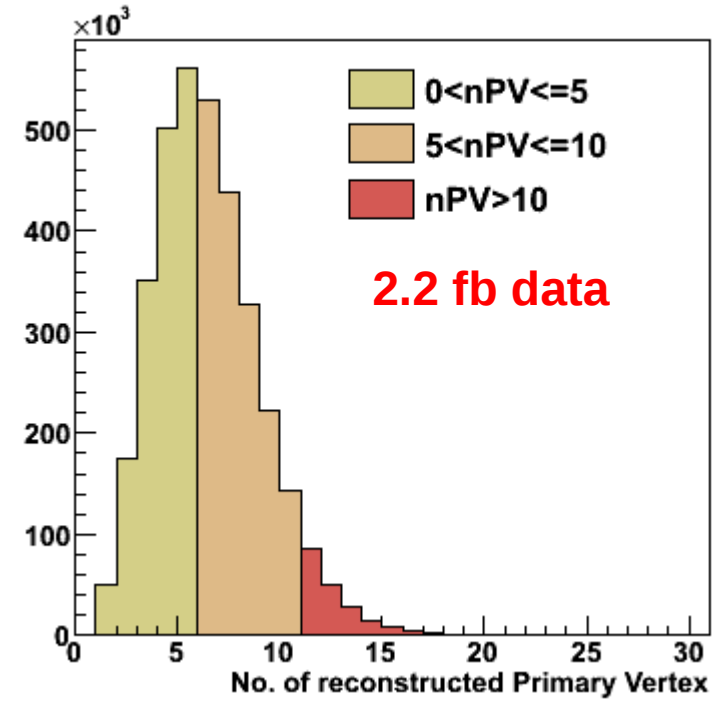
Pile Up Study for χ

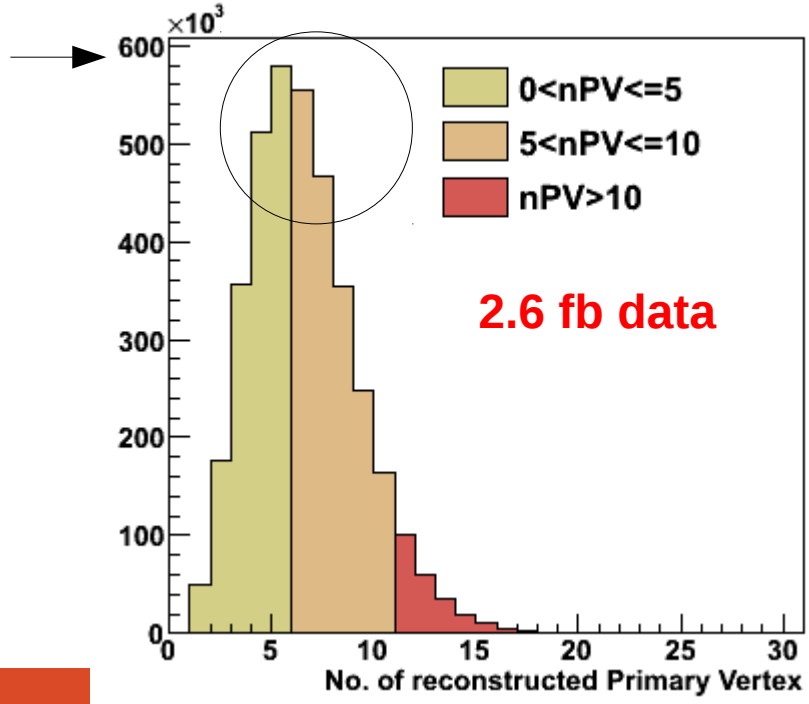
JEC=**L1FastL2L3**

Jet Algo: **AK5 PFlow**

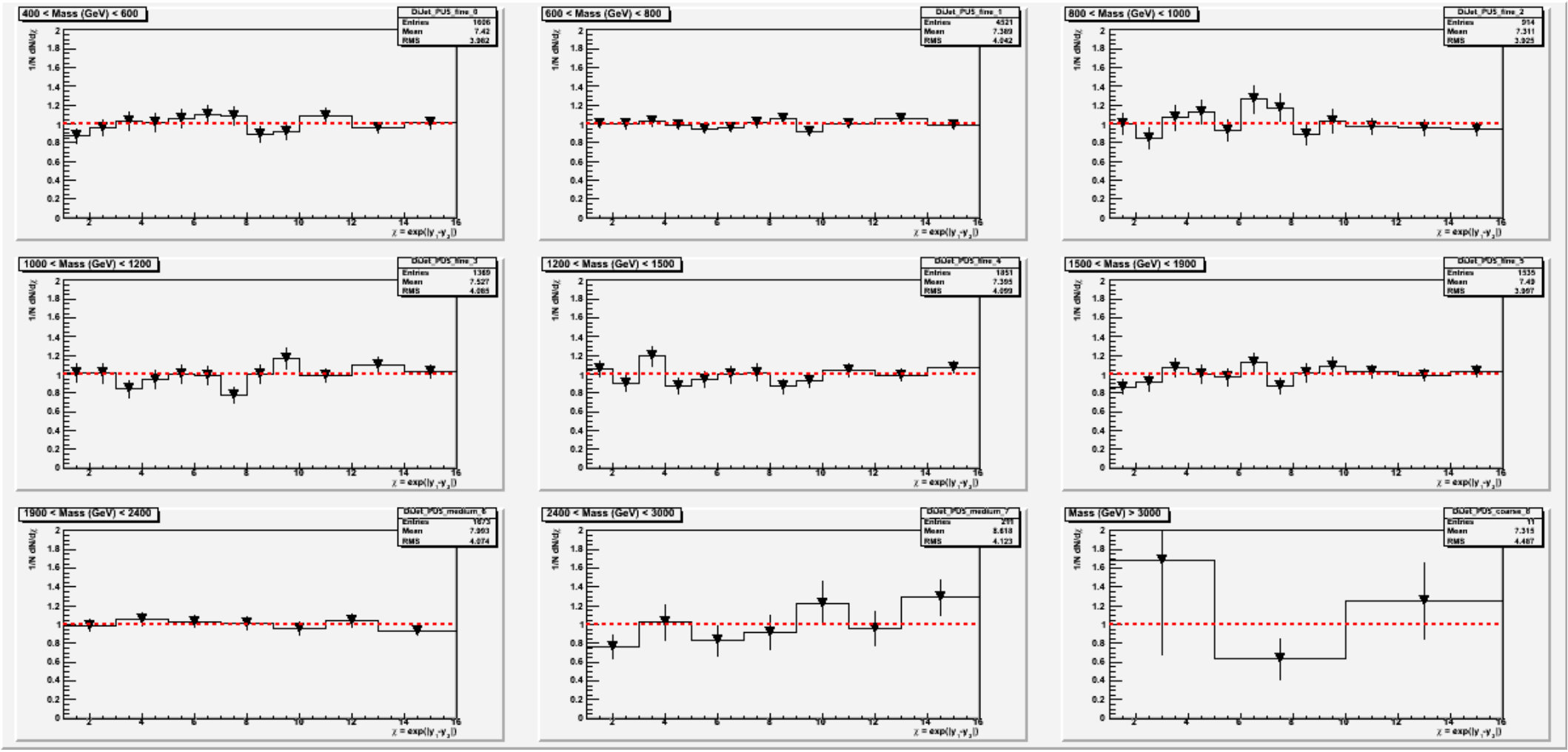
<u>Mass Bins:</u>

400-600 use HLT_Jet60
600-800 use HLT_Jet110
800-1000 use HLT_Jet150
1000-1200 use HLT_JET190
1200-1500 use HLT_Jet230
1500-1900 use HLT_Jet300
1900-2400 use HLT_Jet300
2400-3000 use HLT_Jet300
>3000 use HLT_Jet300



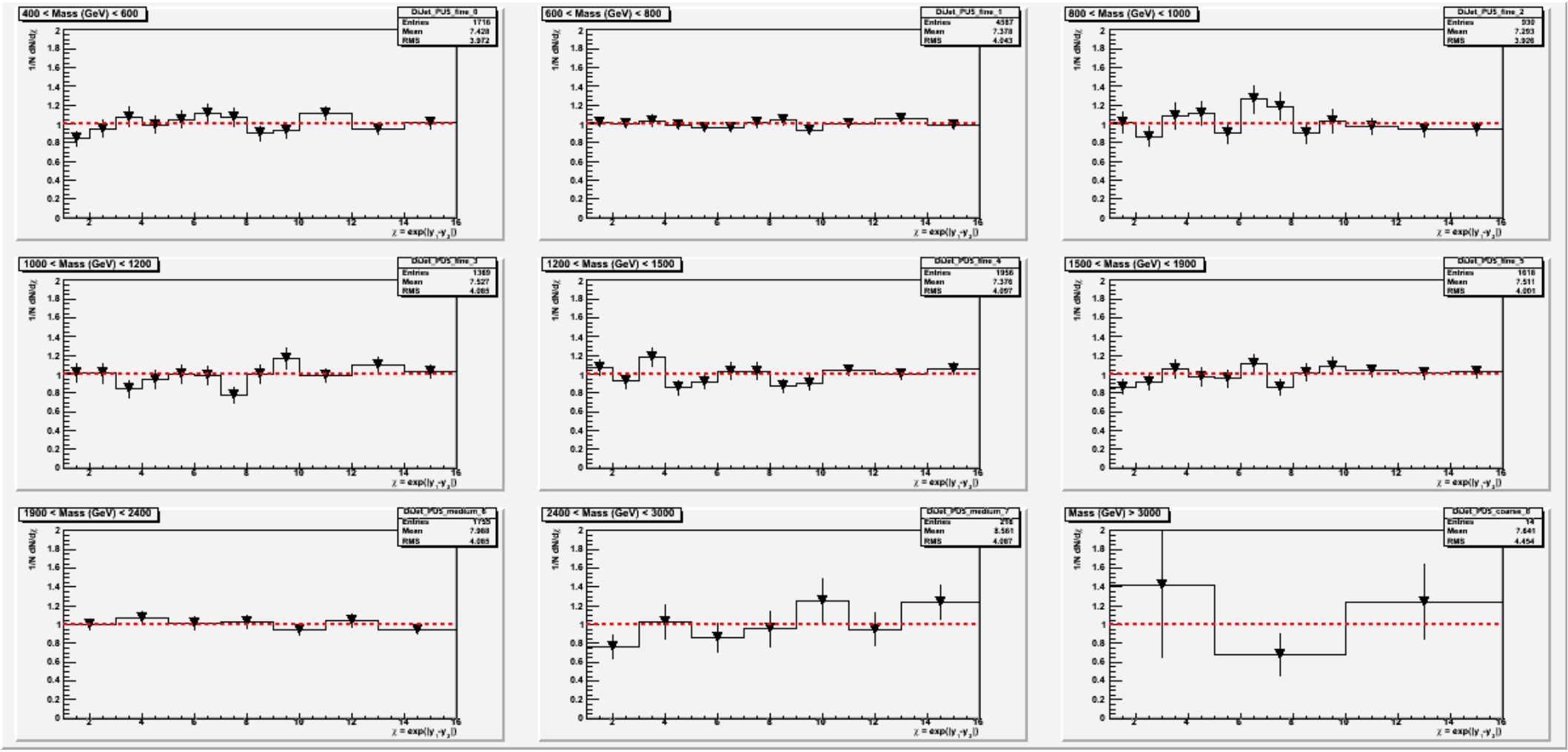


Ratio:(5<PV<=10)/(0<PV<=5) (JEC: L1FastL2L3)



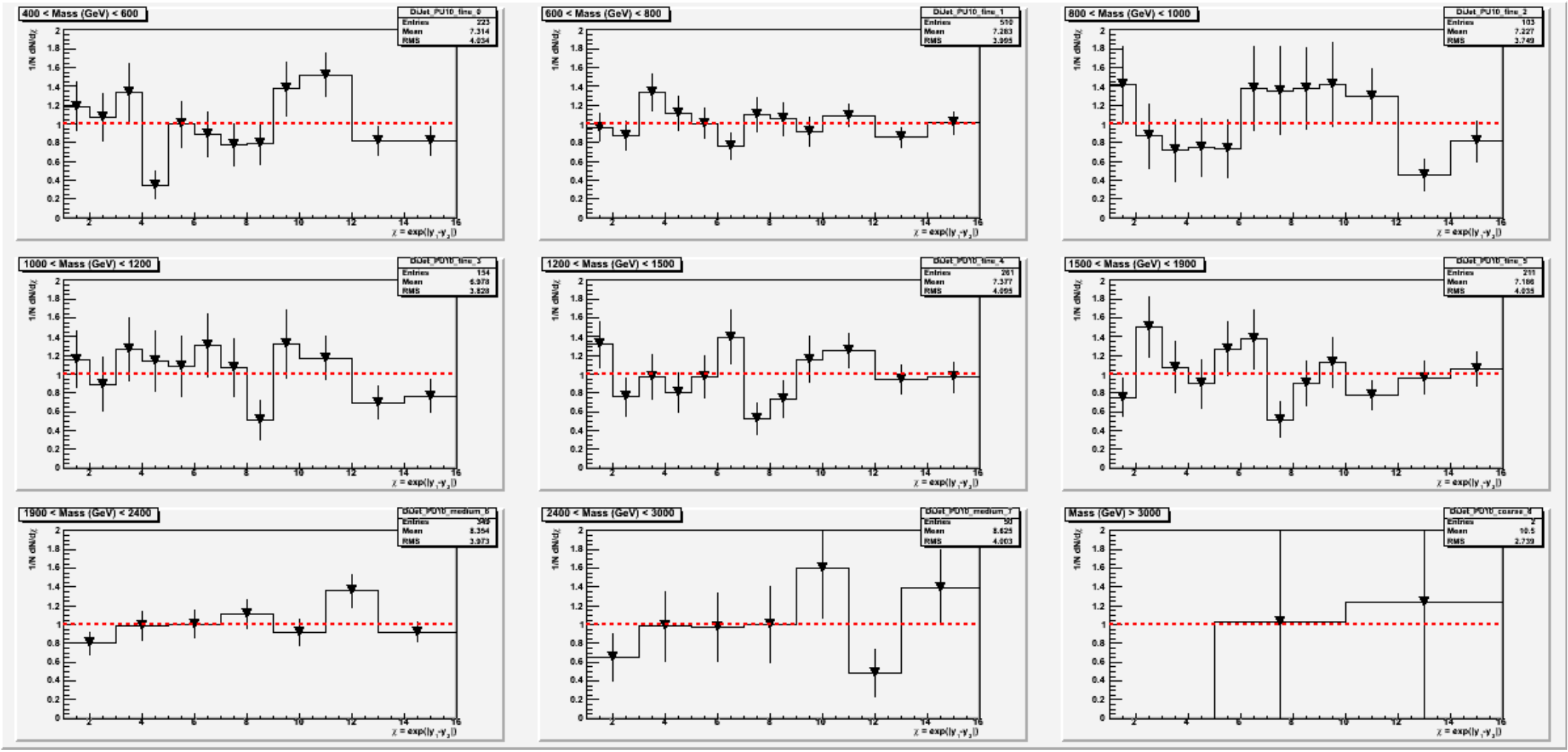
2.2 fb data

Ratio:(5<PV<=10)/(0<PV<=5) (JEC: L1FastL2L3)



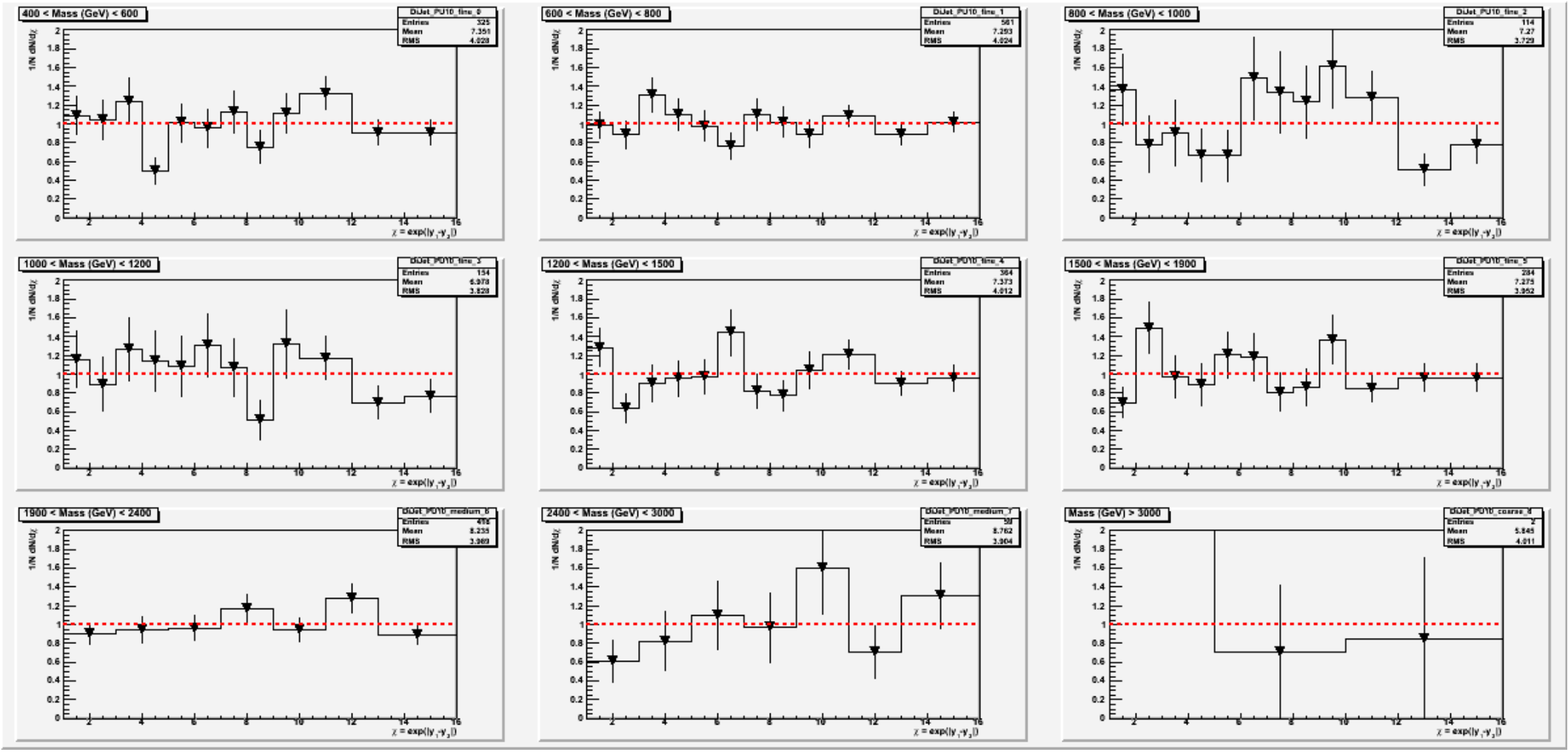
2.6 fb data

Ratio:(PV>10)/(0<PV<=5) (JEC: L1FastL2L3)



2.2 fb data

Ratio:(PV>10)/(0<PV<=5) (JEC: L1FastL2L3)



2.6 fb data