



First look at MC/data @ 900 GeV

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Overview



- First look into SV reconstruction & validation and bTag validation with data/MC

<https://twiki.cern.ch/twiki/bin/viewauth/CMS/TrackingBTagging900GeVTasks>

- Samples:

- MC: **/MinBias/Summer09-STARTUP3X_V8D_900GeV-v1/GEN-SIM-RAW**
/MinBias/Summer09-STARTUP3X_V8D_900GeV-v1/GEN-SIM-RECO

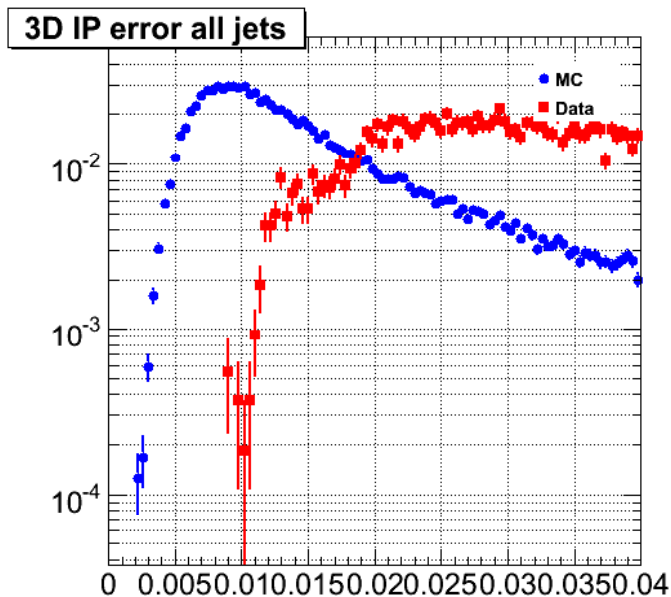
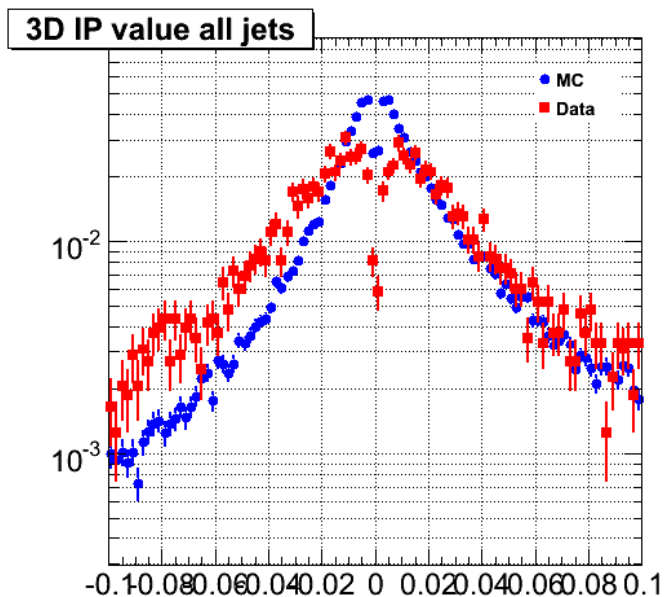
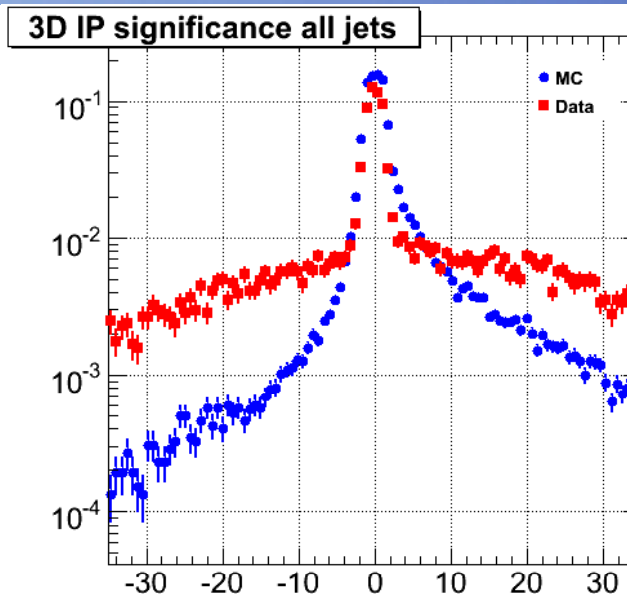
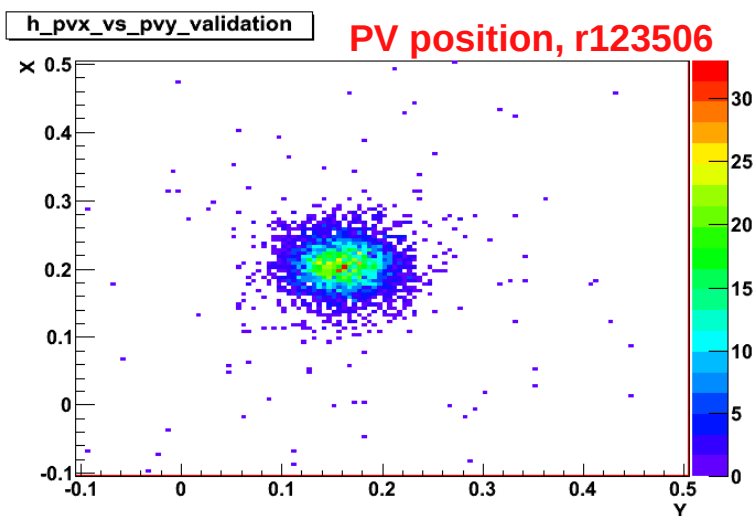
- Data: C.Saout's skim for **Run 123596**

- Skim and specialized RECO settings:

- Use trackJets (akTrackJets7) instead of caloJets
- Relaxed generalTracks and vertex requirements
- Relaxed btagging requirements
- Require events with non-fake PV and at least 1 track-jet with $p_T > 3 \text{ GeV}$



PV and ImpactParameterTagInfo

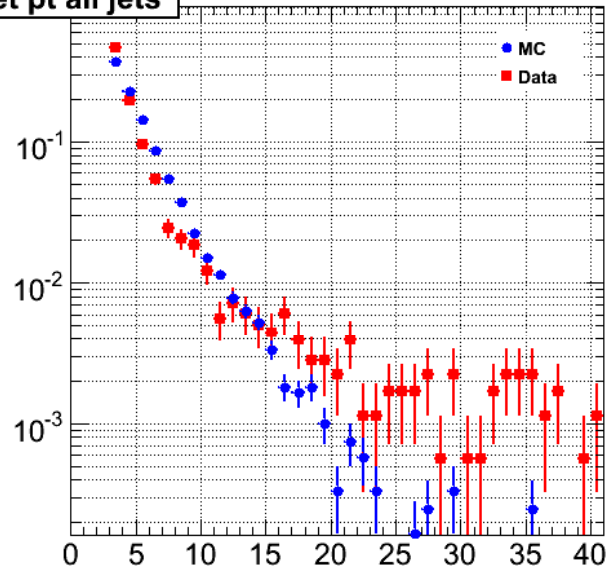




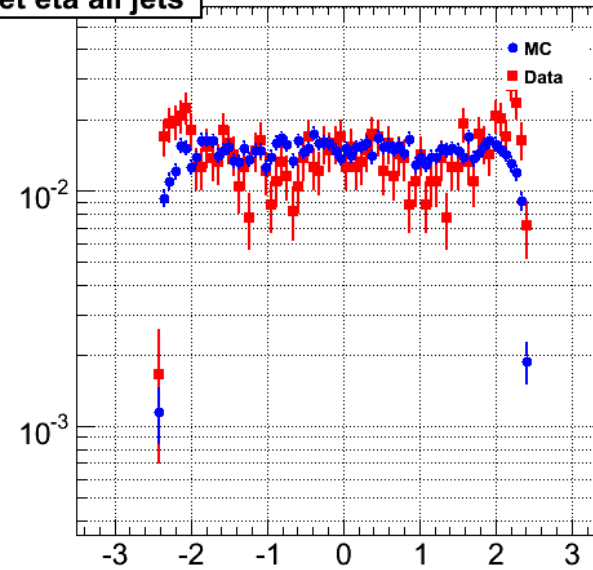
Jet Distributions



jet pt all jets



jet eta all jets



jet phi all jets

