Imperial College London

Trigger Efficiencies from 2015D

P. Dunne on behalf of the H→invisible analysis group

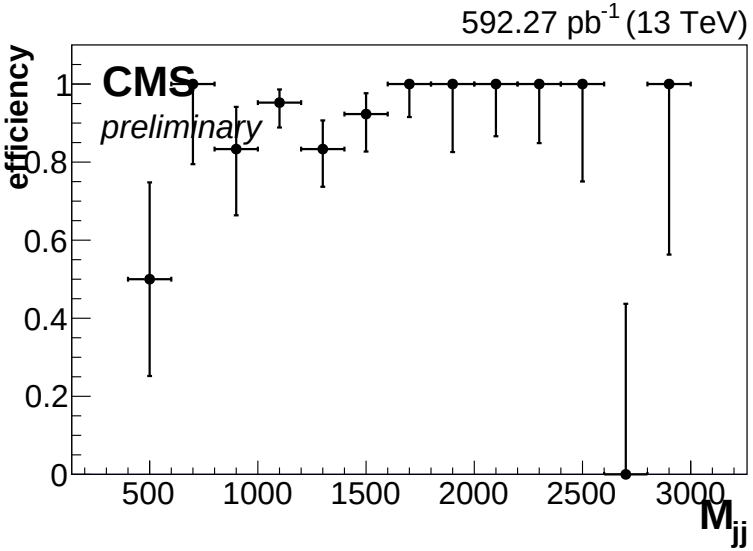
Introduction

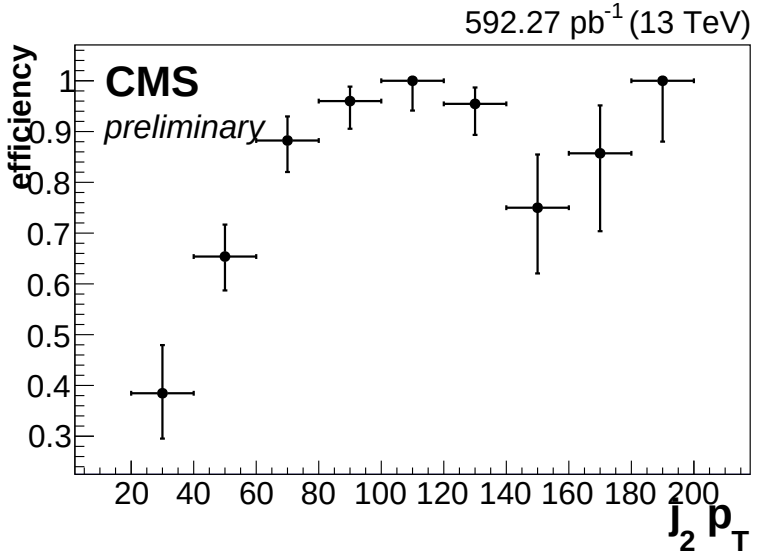
Overview

- Processed new miniAOD with latesd JEC and 25ns HBHE noise filter using golden json from 9th October
  - Pileup ID also removed since last time as training was for 8 TeV and we don't need it anyway as we use PFCHS
  - Met filter recipe was updated on Friday to add an HBHE iso filter which we don't have in our ntuples currently
  - CSC filter is also due to be replaced with an event list to veto although this is not yet available
- Will show updated trigger efficiencies

Trigger Efficiencies

- Selection is:
  - METnoMu> 300 GeV, DiPFJet> 80 GeV, $\Delta\eta_{jj} > 3.5$, M_{jj} >600





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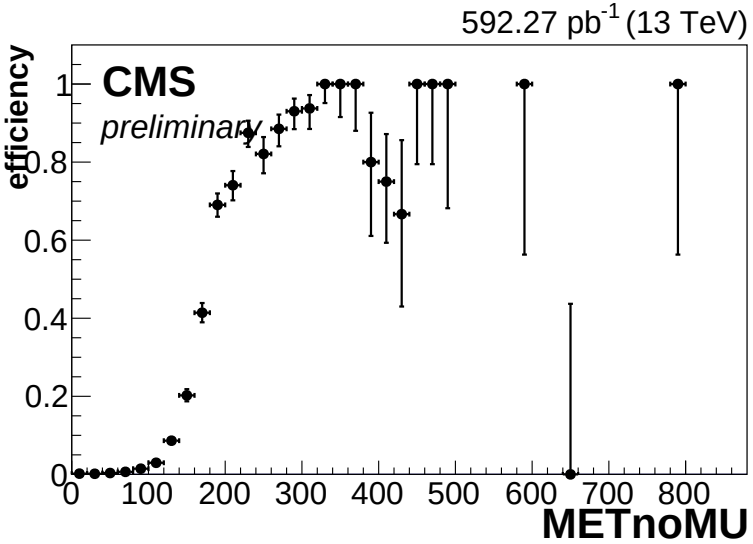

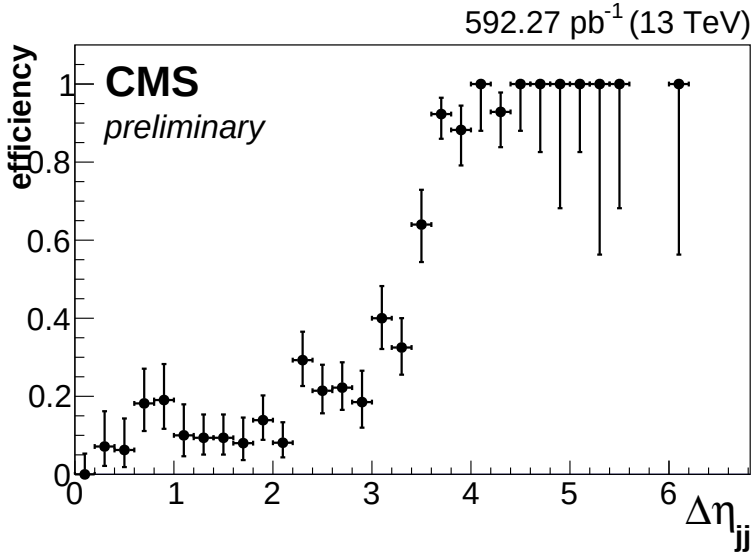

Summary

- Trigger efficiencies from 25ns data shown
- New JSON released on Friday with 848.7/pb
  - Aiming to process this week

Backup


CMS