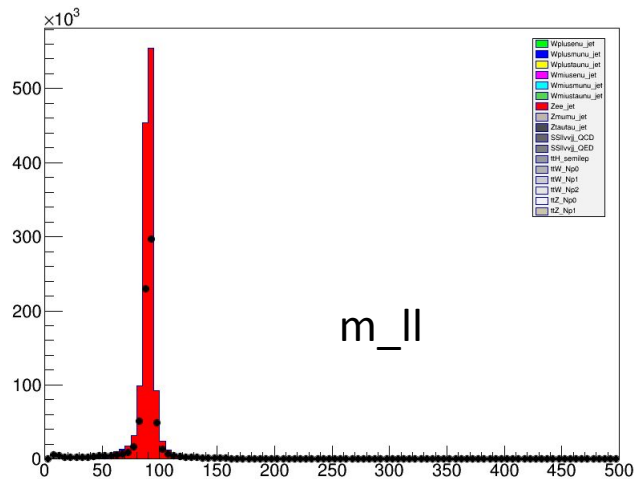

Weekly

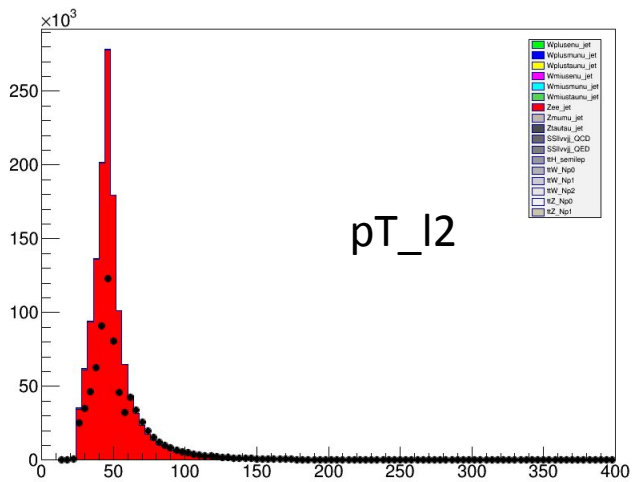
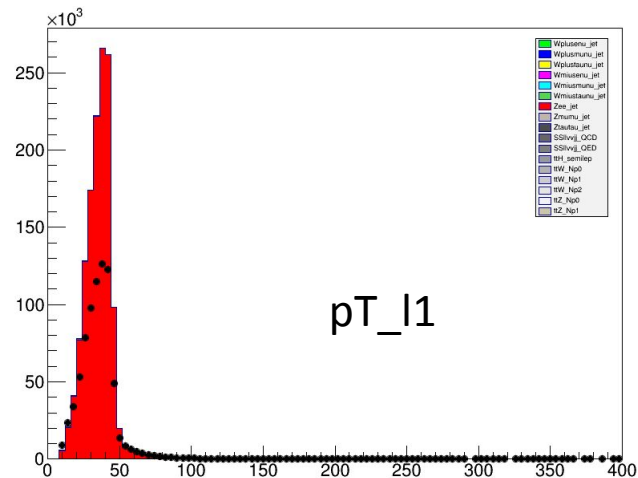
Maosen Zhou
14 Mar, 2016

Event cutflow

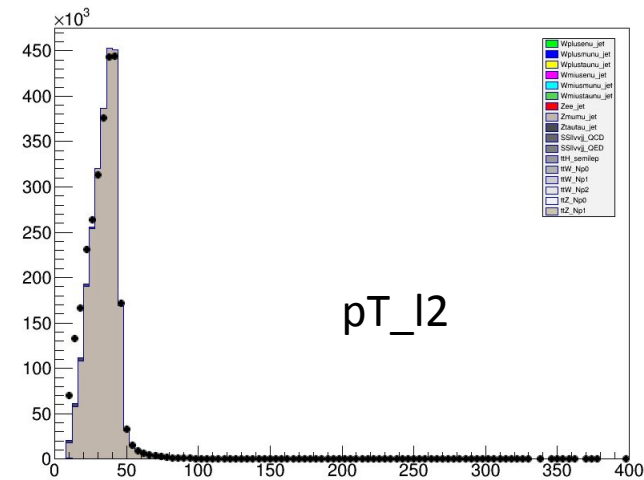
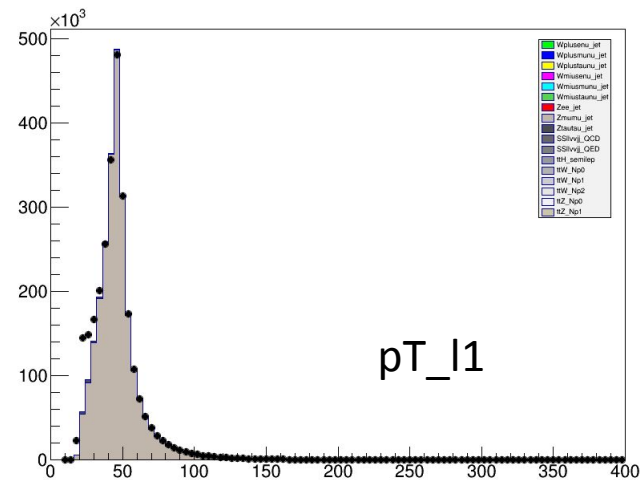
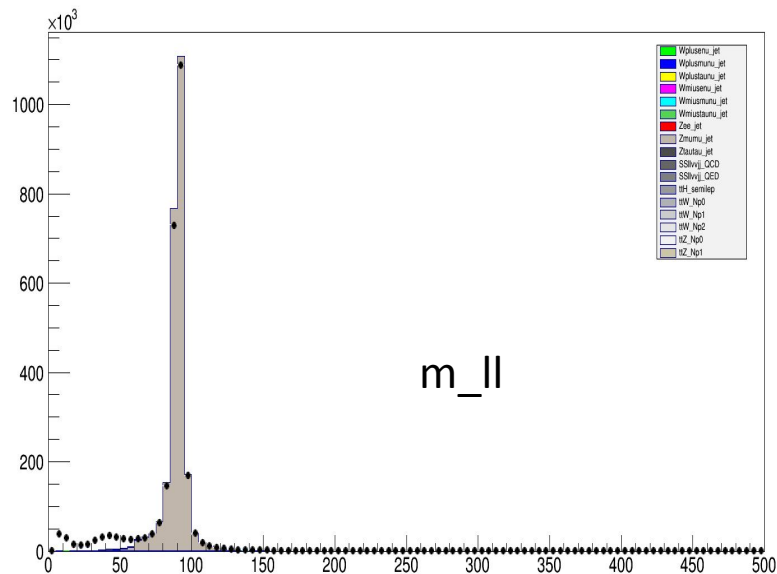
- GRL
- pass event cleaning
- pass lepton triggers
- Object selection
- Overlap removal
- data:
 - For 25 ns data D1 - J6: data15_13TeV.periodAllYear_DetStatus-*v73*-pro19-08_DQDefects-00-01-02_PHYS_StandardGRL_All_Good_25ns.xml (3.209 fb⁻¹ from Lumicalc)
- MC: HSG8 group ntuples
 - W+jets, Z+jets, same sign llvjj(j) QCD, same sign llvjj(j) QED, ttH_semilep, ttW_Np0, ttW_Np1, ttW_Np2, ttZ_Np0, ttZ_Np1



CR: OS, $< 4\text{jet}$



mumu channel



Discussions & to do list

- CR(OS, < 4 jets) is not very appropriate, since it will be dominated by Z+jets. Add met?
- Fix mc weights
- estimate W+jets fake bkg

Backup