

Status Report

2024.09.30

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Z boson reconstruction

- Using NanoAOD datasets

- DATA

- /SingleMuon/Run2022C-22Sep2023-v1/NANOAOD
- /Muon/Run2022C-22Sep2023-v1/NANOAOD
- /Muon/Run2022D-22Sep2023-v1/NANOAOD

- MC

- DYJetsToLL_M-50_TuneCP5_13p6TeV-madgraphMLM-pythia8 [DAS]

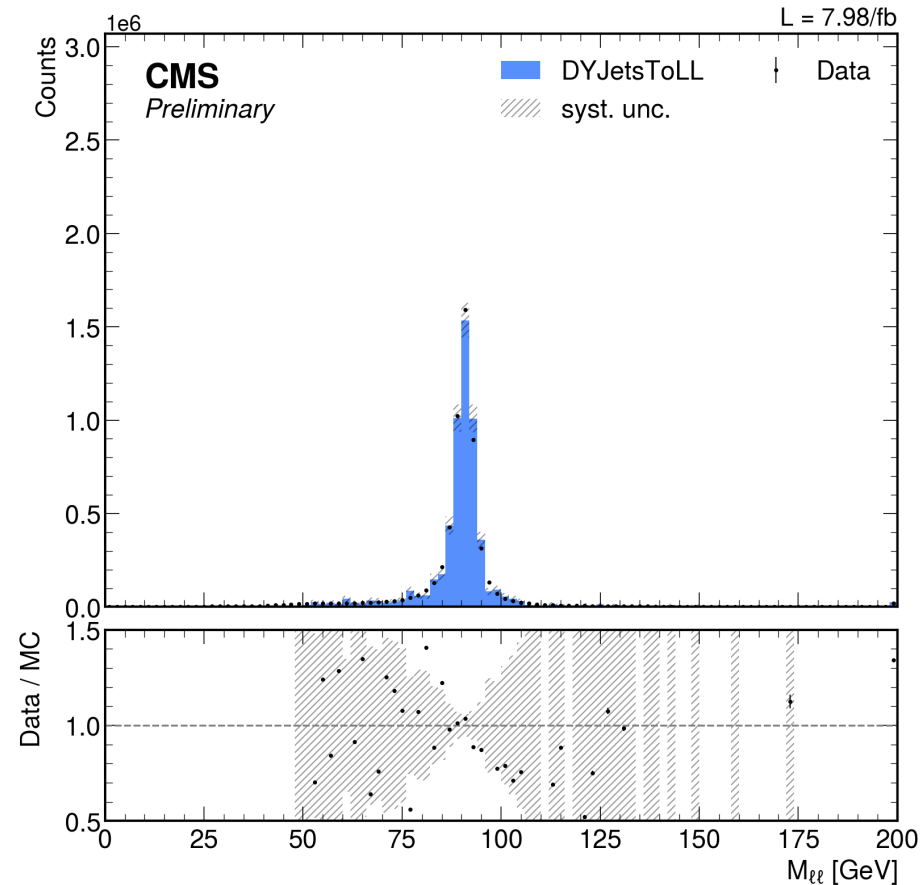
- Trigger: HLT_IsoMu24

- Object Selection

	pt	eta	iso	id
Muon	15	2.4	0.25	tightId
Electron	15	2.4	0.06	mvalso_WP80
Jet	30	2.4		

- Event Selection

- S1. nMuon = 2 && nElectron = 0 && OS



Jet and b-tagged jet

