

Current status (2021/10/15)

Add more background processes

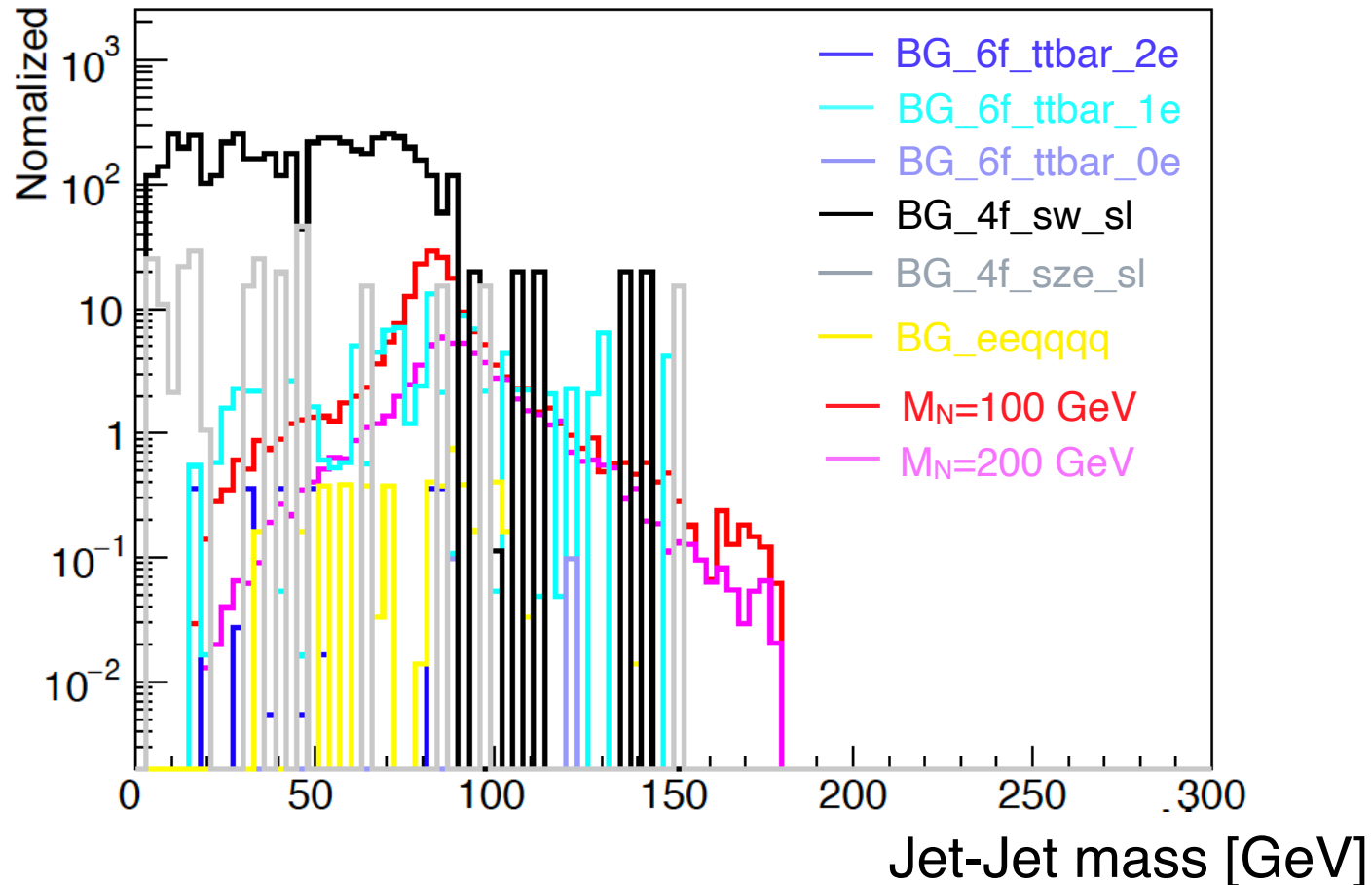
- 6f_ttbar
 - 2 electrons, 1 electron, 0 electron (in final state)
- 4f_singleW_semileptonic
- 4f_singleZee_semileptonic

Add isolated muon number cut condition

- Isolated muon # == 0

Reconstructed W mass

- Isolated e # = 2 && Isolated γ , $\mu = 0$
- Isolated e is same sign($e_1 \times e_2 = 1$)
- $E_{\text{iso}} < 200$ [GeV]
- $-0.95 < \cos\theta_{\text{isoe}} < 0.95$
- $\text{IsolatedLepTagging}_{\text{min}} > 0.9$



Reconstructed RHN mass

- Isolated e # = 2 && Isolated γ , $\mu = 0$
- Isolated e is same sign ($e_1 \times e_2 = 1$)
- $E_{\text{iso}} < 200$ [GeV]
- $-0.95 < \cos\theta_{\text{iso}e} < 0.95$
- $\text{IsolatedLepTagging}_{\text{min}} > 0.9$

