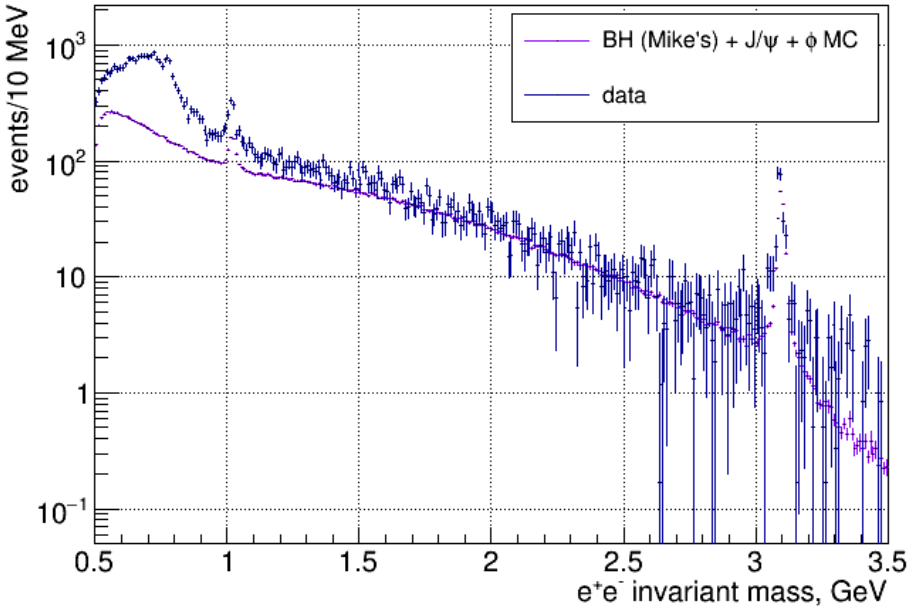
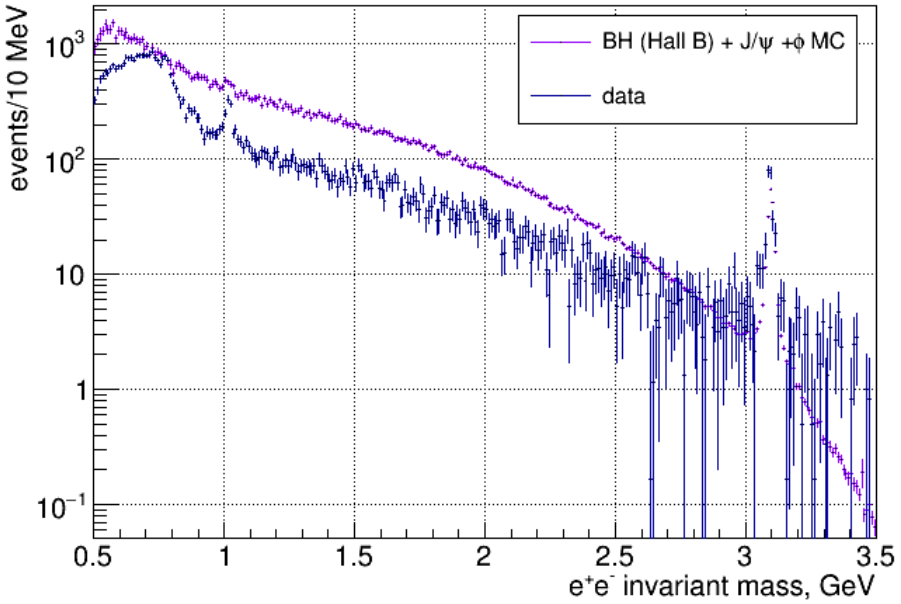
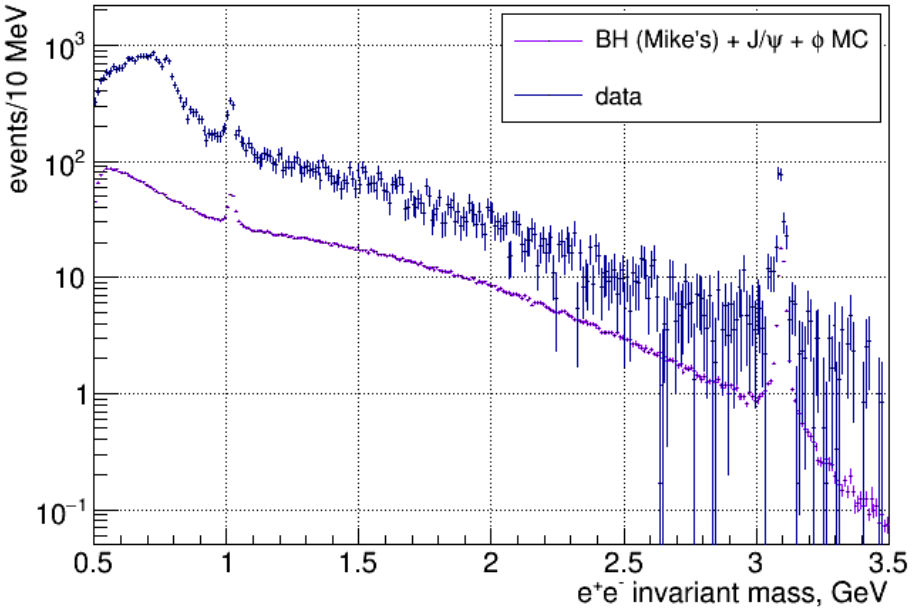
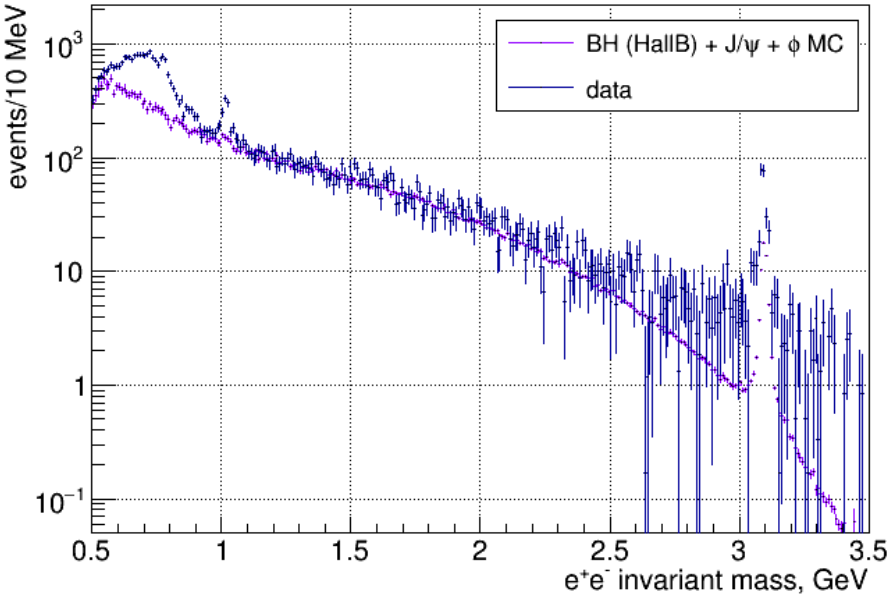
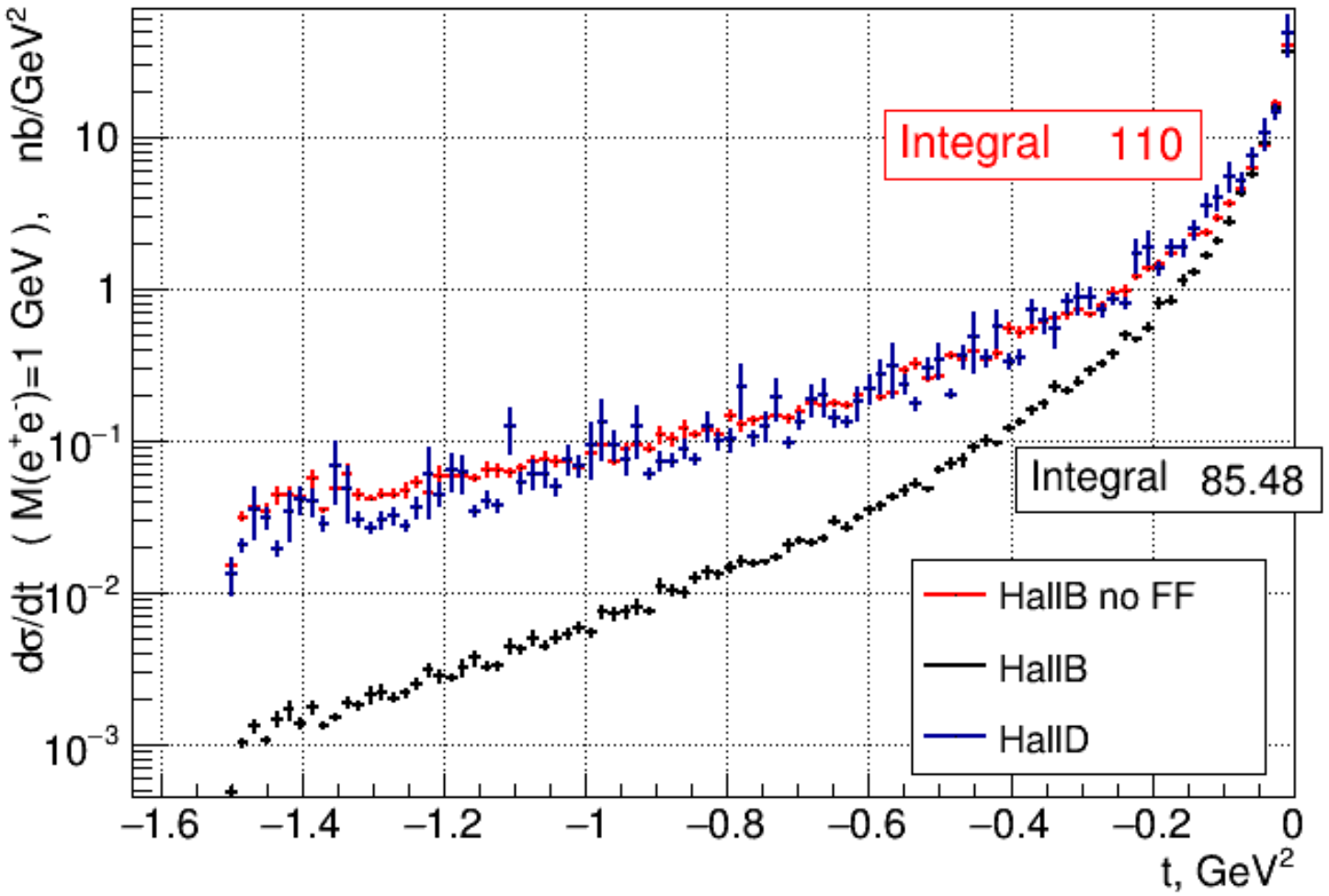
Hall D fit to data in 1.5 – 2.9 GeV





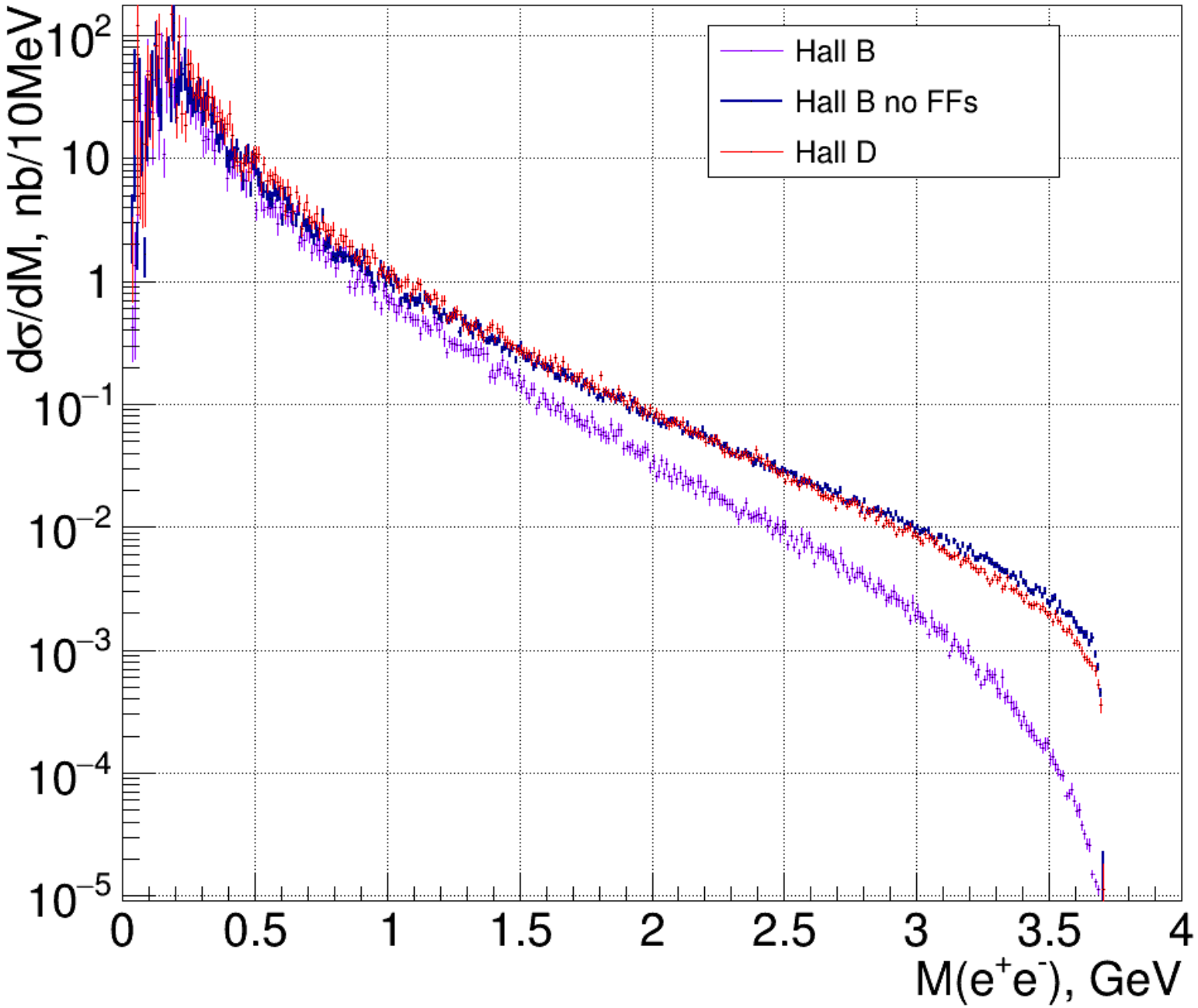




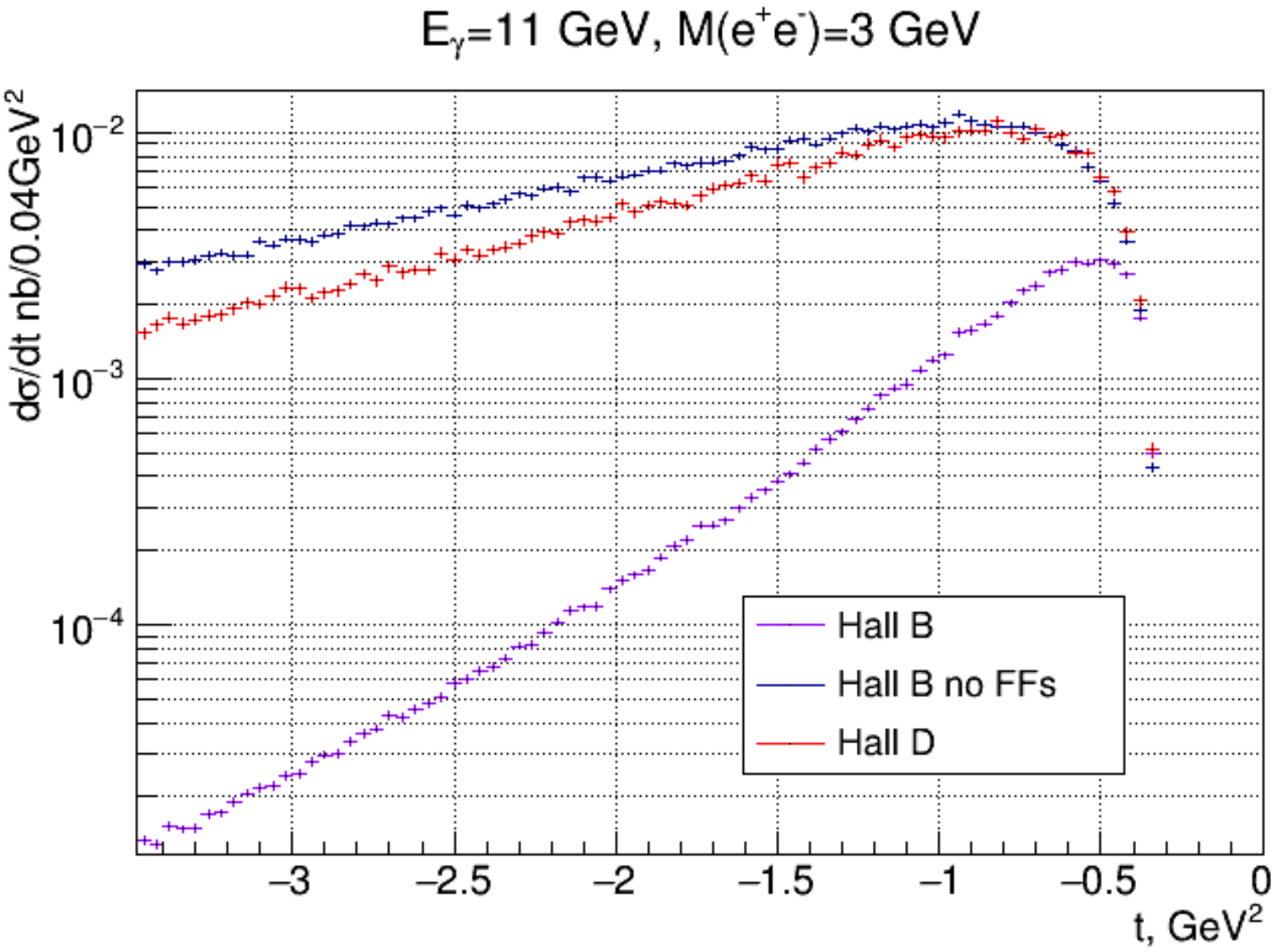


- Invariant mass of lepton pair fixed at 1 GeV, E_γ = 9 GeV
- Using flat phase space in both MC
- Setting F1p=1 and F2p=0 for “Hall B no FF”
- Hall B 10 times higher statistics

- E_γ = 11 GeV, θ_e>0.01



- E_γ = 11 GeV



Next steps:

- Introduce Hall D phase space generator (non-flat) in the Hall B code and do the same comparison (I can do it)
- Introduce FFs in the Hall D code (Mike)
- Include energy spectrum and compare with the GlueX generated MC (both Hall D and Hall B generators were/will be include in the GlueX framework)
- Estimate the systematics (Marie)