

Nick's Inelastic Generator

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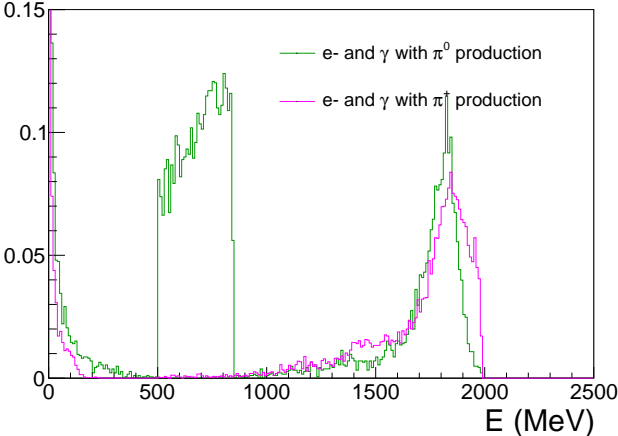


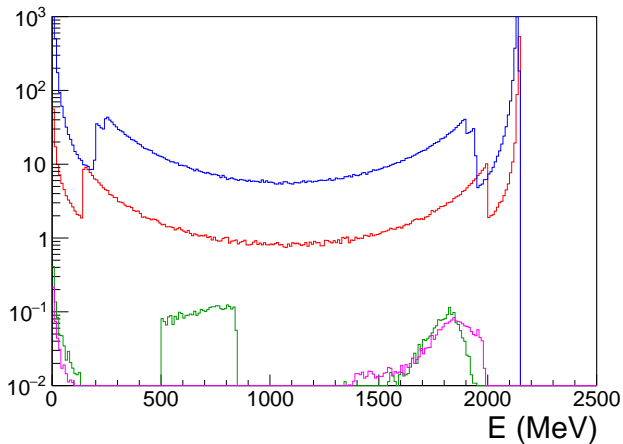
Parameters

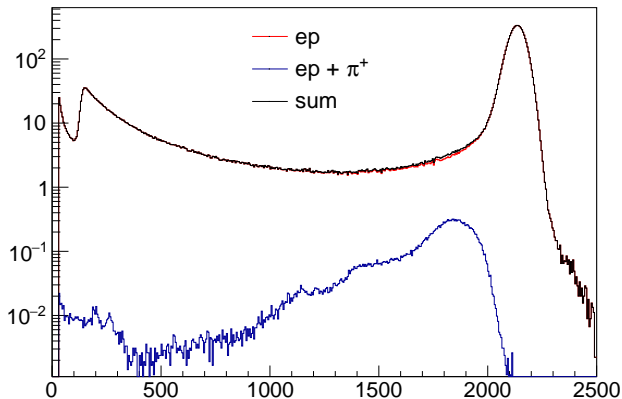
- ▶ Use MAID2007 parameterisation
- ▶ Two choices of outgoing mesons: π^0 and π^+
- ▶ Beam energy choice: 2.142 GeV
- ▶ Q^2 range choice: $10^{-4} - 10^{-1}$ GeV² (can go to $Q^2 = 0$ with more CPU time)
- ▶ E' range choice 0.5 - 2.142 GeV (going lower require more CPU time and we want to focus on the peak)
- ▶ $E_{\gamma min} = 1$ MeV

Acceptances:

- ▶ protons, neutrons and pions are negligible in the acceptance of the spectrometer
- ▶ only electrons and photons left







θ Distributions after reconstruction $\theta > 3$ deg **PRad** ^oton _{radius}

