Cross Section Model for the π^0 and η exclusive electroproduction processes

The package consists of 4 subdirectories:

1. **Functions**

   There are 3 functions in this directory
   - **dvmpx.F**(t,xB,Q2,phi,Ebeam,Helicity, Meson_mass)
   - **dvmw.F**($\cos\theta$,W,Q2,ϕ,Ebeam, helicity,Meson_mass,σ_T,σ_L, σ_{TT}, ,$\sigma\Lambda_T$, ,σ_{LTP})
   - **Exclurad.F**

     The package to calculate the radiative corrections for the reaction ep-> e'p'(π^0/η)

2. **Test_plots**

   The PAW kumac **plot_sf.kumac** produces all plots

3. **Tex**

   pi_eta_model.pdf is the description of the package.

4. **Pi0_eta_fit_GFF**

   PAW code to fit the model parameters. The main kumac file is **fit_xs.kumac**