

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

The package consists of 4 subdirectories:

1. Functions

There are 3 function in this dir

- **dvmpx.F**(t,xB,Q2,phi,Ebeam,Helicity, Meson_mass)
- **dvmw.F**(Cos θ ,W,Q2, ϕ ,Ebeam, helicity,Meson_mass, σ_T , σ_L , σ_{TT} , σ_{LT} , σ_{LT}^p)
- **Exclurad.F**

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**