north pole

∞

real axis

south pole = complex origin

imaginary axis

Riemann Fit

MR, VV

Progress so far….

- Fitting code has been upgraded to the most recent version

- Fully integrated in CMSSW

- Code contained in 1 header for easier inclusion

- Created test program to verify that the fit is producing meaningful result

  - test is standalone, no input, iterative and validated on pulls

  - errors on few parameters are "abnormally" small, something to be investigated

Plans for the rest of the day

- Test the new fix on "real data", i.e. on a fully contained cmsRun job (Relval, SingleMuon).

- Compare results with old method and Riemann fit.

- Live documentation:

  - docs

- Working CMSSW branch:

  - branch