

ORCA meeting

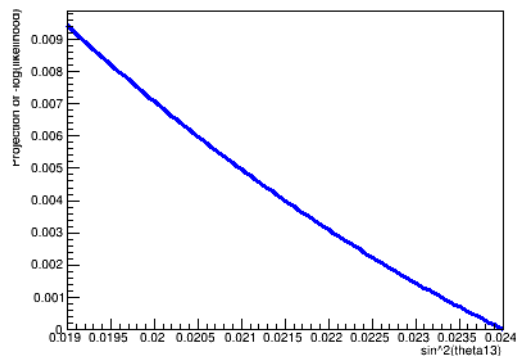
Lodewijk Nauta

Nikhef

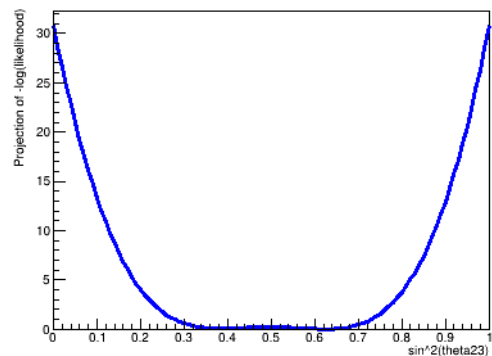
2020-11-06

Likelihood scan of fit parameters & systematics

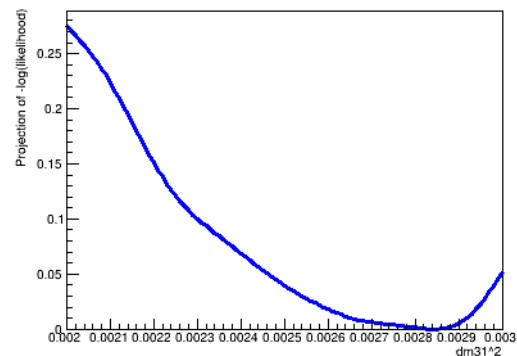
A RooPlot of "sin^2(theta13)"



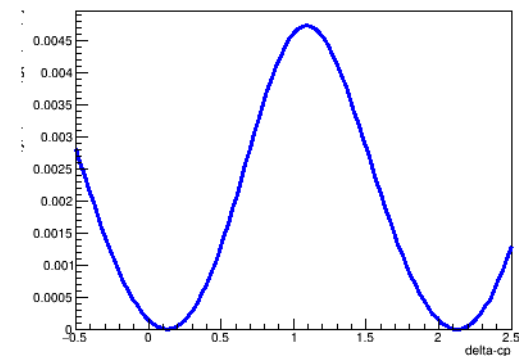
A RooPlot of "sin^2(theta23)"



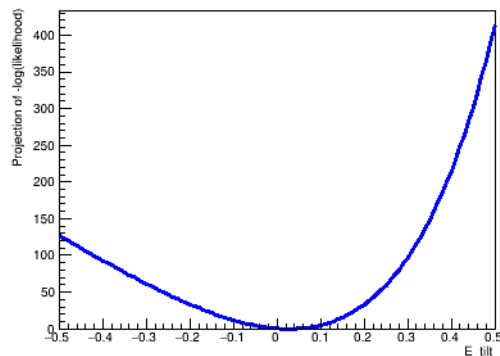
A RooPlot of "dm31^2"



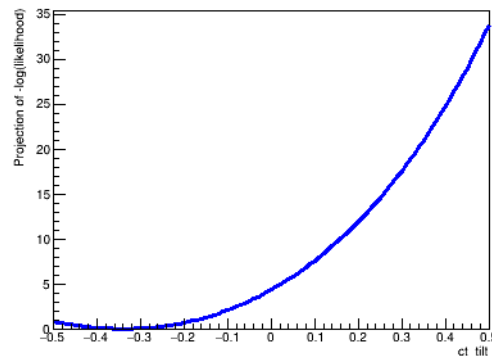
A RooPlot of "delta-cp"



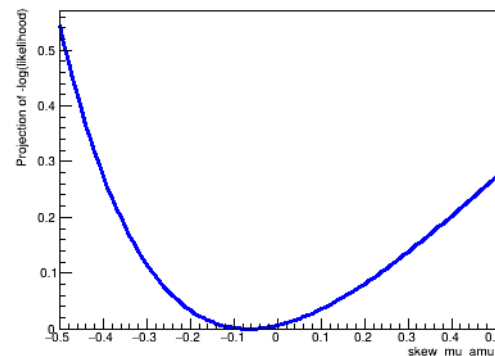
A RooPlot of "E_tilt"



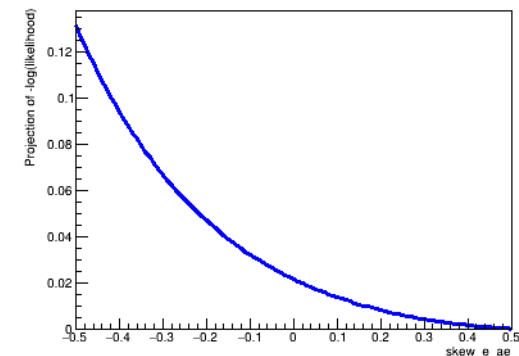
A RooPlot of "ct_tilt"



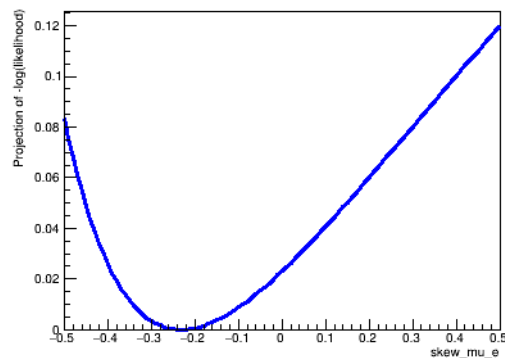
A RooPlot of "skew_mu_amu"



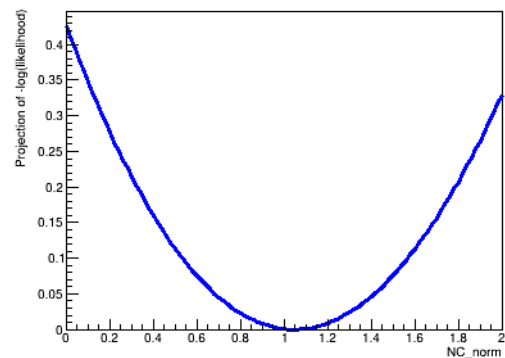
A RooPlot of "skew_e_ae"



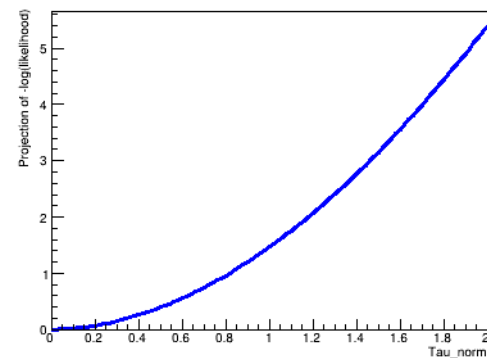
A RooPlot of "skew_mu_e"



A RooPlot of "NC_norm"



A RooPlot of "Tau_norm"



Range on Nevts

Procedure:

- Change parameter X from min to max value
- Observe change in Nevts

- Range is taken from:

1. Prior (if available)
2. Fit error
3. Fit range

