

For the analysis of the TWIST data, I'd like to discuss the proposal that we fit the spectrum to:

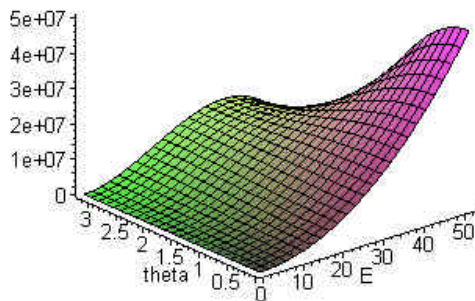
```
data =
  wt1 * (Standard Model MC spectrum)
+ dev_rho * (MC generator = derivative of Standard Model with respect to rho)
+ dev_eta * (MC generator = derivative of Standard Model with respect to eta)
+ dev_delta * (MC generator = derivative of Standard Model with respect to delta)
+ dev_xi * (MC generator = derivative of Standard Model with respect to xi)
+ dev_energy_scale * (MC generator = derivative of Standard Model with respect to energy_scale)
```

In this case, the fitting parameters are:

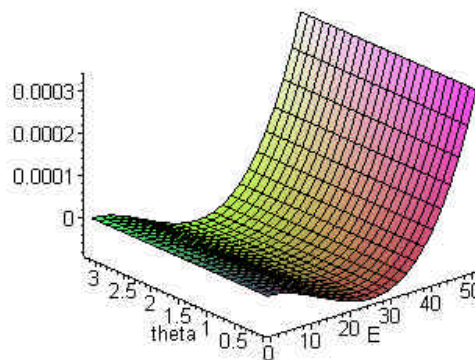
- wt1
- dev_rho
- dev_eta
- dev_delta
- dev_xi
- dev_energy_scale

The shapes of the sensitivities are shown below. For the moment, the distribution without radiative corrections has been used. The differences in shape suggest that the fitting procedure may work. I believe that we could try a binned maximum likelihood fit.

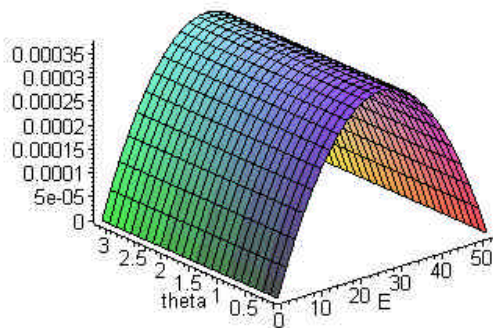
Standard Model



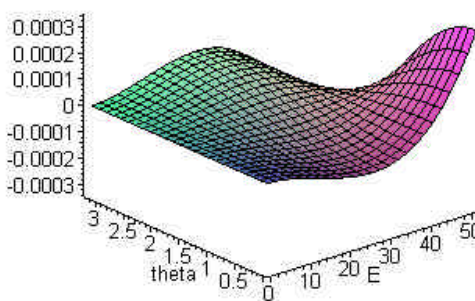
Spectral Deviations- rho by 0.0005

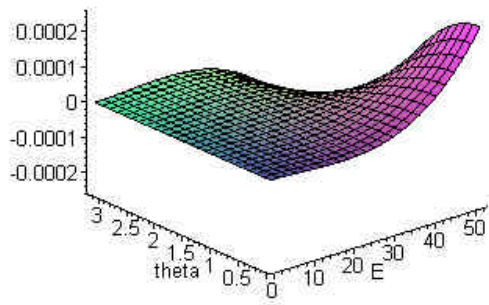


Spectral Deviations- eta by 0.05



Spectral Deviations- delta by 0.0005



Spectral Deviations- ξ by 0.0005

Spectral Deviations- Energy scale by 3 keV

