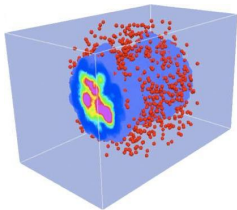


Theory

- QCD equation of state
- relativistic hydrodynamics
- hadronic cross sections



Model

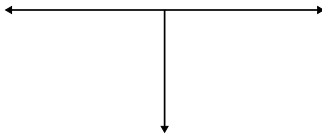


Simulated observables

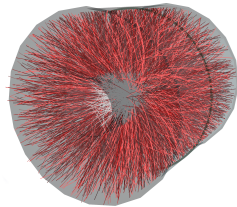
Procedure

given model with some unknown parameters $f(x_1, x_2, \dots, x_n)$ optimize the parameters x_1, x_2, \dots, x_n to fit an observed data set y_1, y_2, \dots, y_m

tune free model parameters



Data



Measured observables

extract new physics insight