

Functionality



Extractor → how to read
RAT root files/ntuples?



fill

config
Which dimensions?
store.load
Load from HDF5

Spectra
Core data structure – `numpy.ndarray`

Spectra methods:
• shrink – cuts
• scale – adjust
rate/amplitude

Spectra – modified
+ other Spectra

Spectra methods:
• sum – number of events
output:
• plot
• plot_projection
• spectral_plot
• store
• dump – save to HDF5

• Fit parameters – array
of values for parameter

Systematics:

- Smear
- Scale
- Shift

DBIsotope → calculate
double beta decay rates

Statistic e.g. `chi_squared`

Fitting/Limit Setting

results

Plots:
• Chi squared
• SystAnalyser
Table of limits
Table of best fit values