

Weekly

ZhangKaili

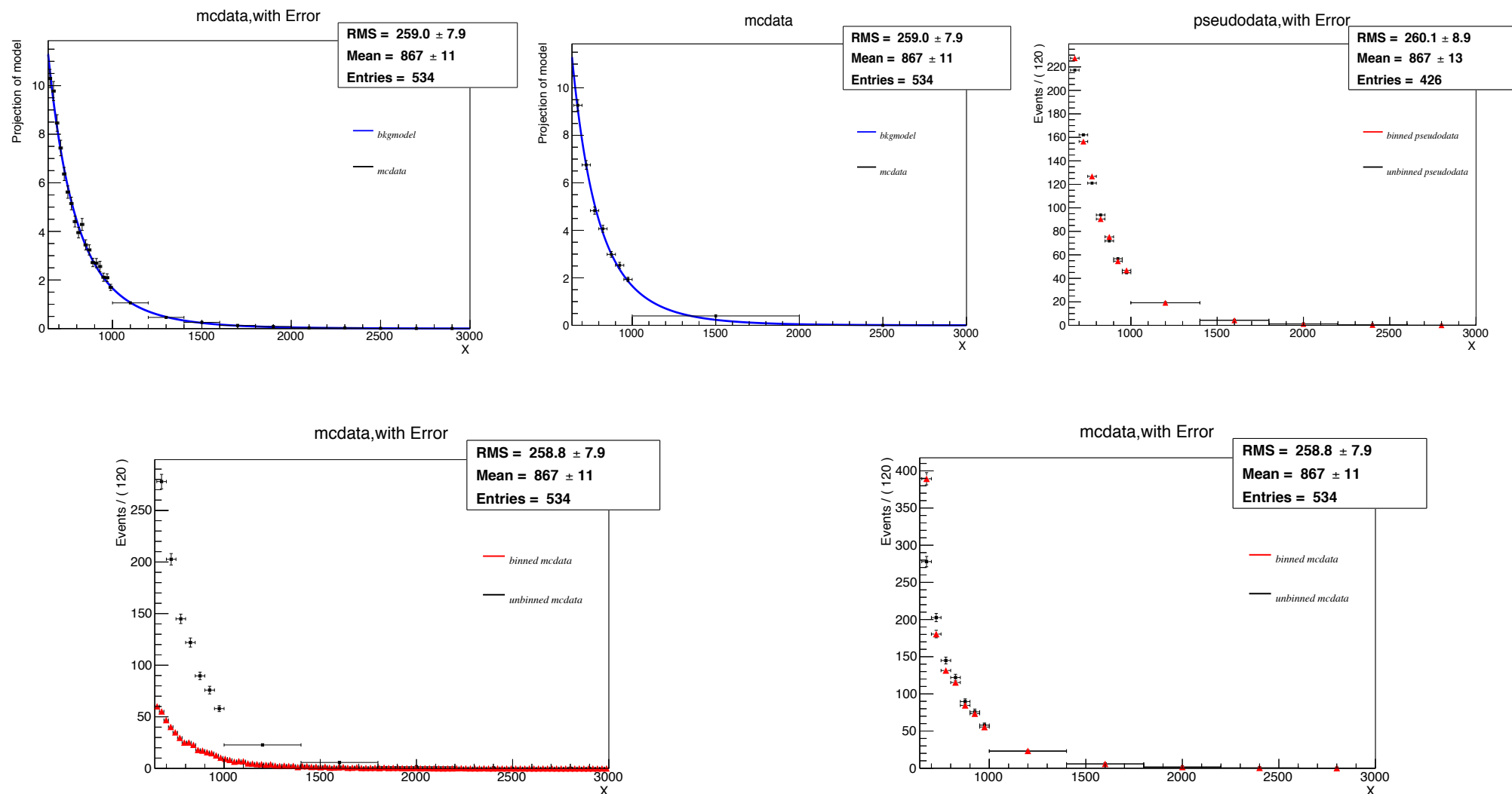
2016-05-09

WorkSpace Study

- Finish testing/editing Roostats/Roofit scripts
 - Now seems can edit workspace anyway;
- Statistics & an introduction about QFT/Standard Model

Different rebinning schemes

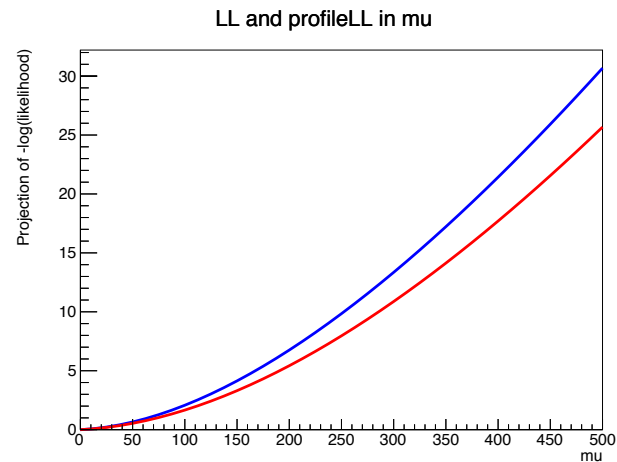
Some demonstrations



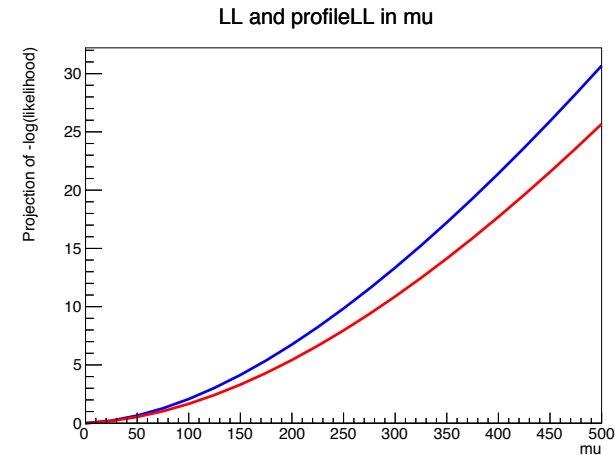
the PRL curve

Binning scheme is
the default 100 bins;
Unbinned:

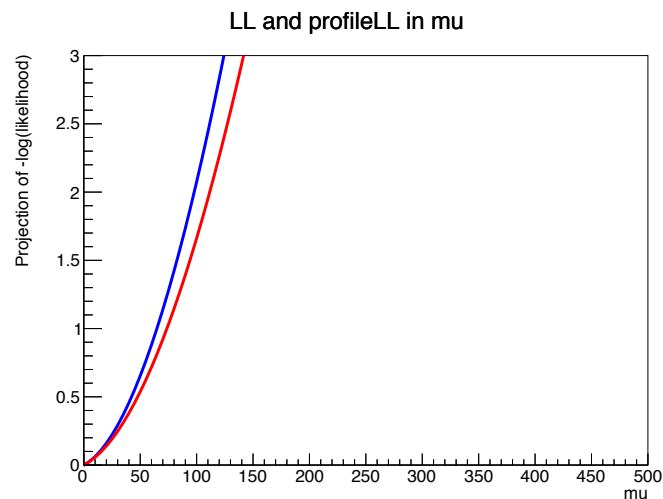
With Unbinned Fit, poi:mu Observe variable:X



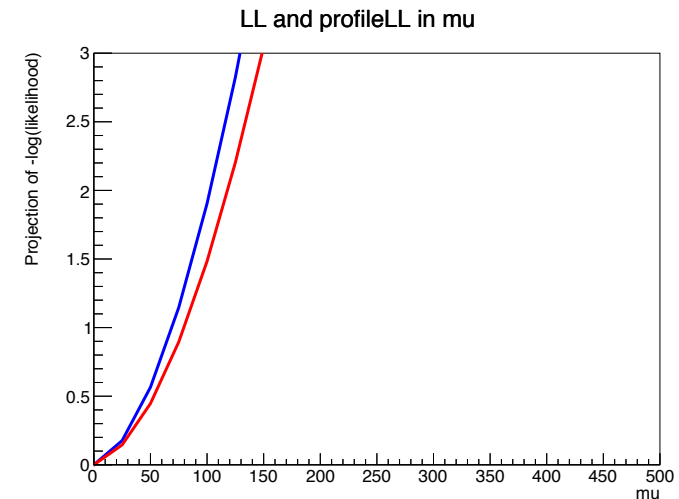
With binned Fit, poi:mu Observe variable:X



0~3

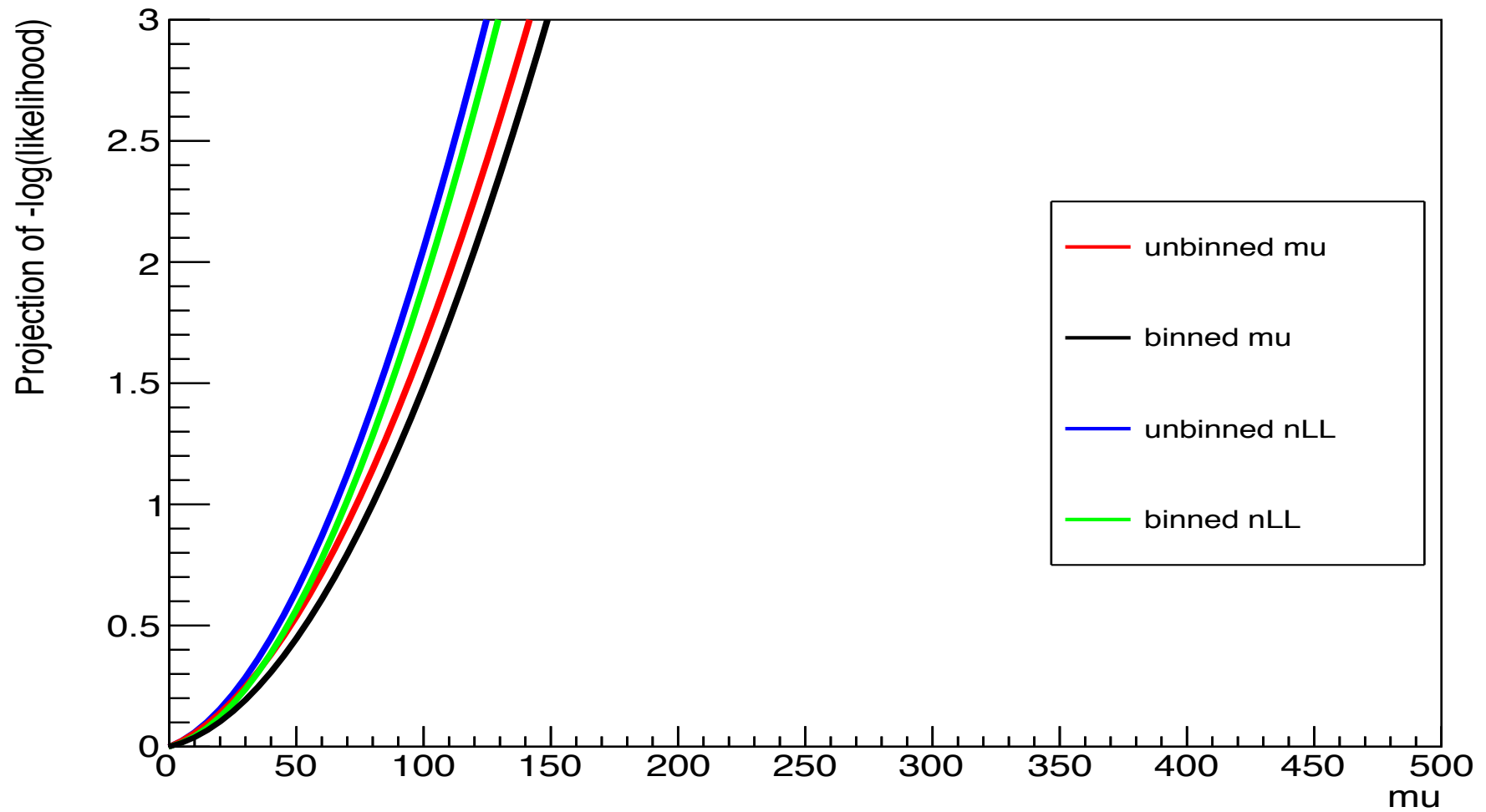


Slightly difference?

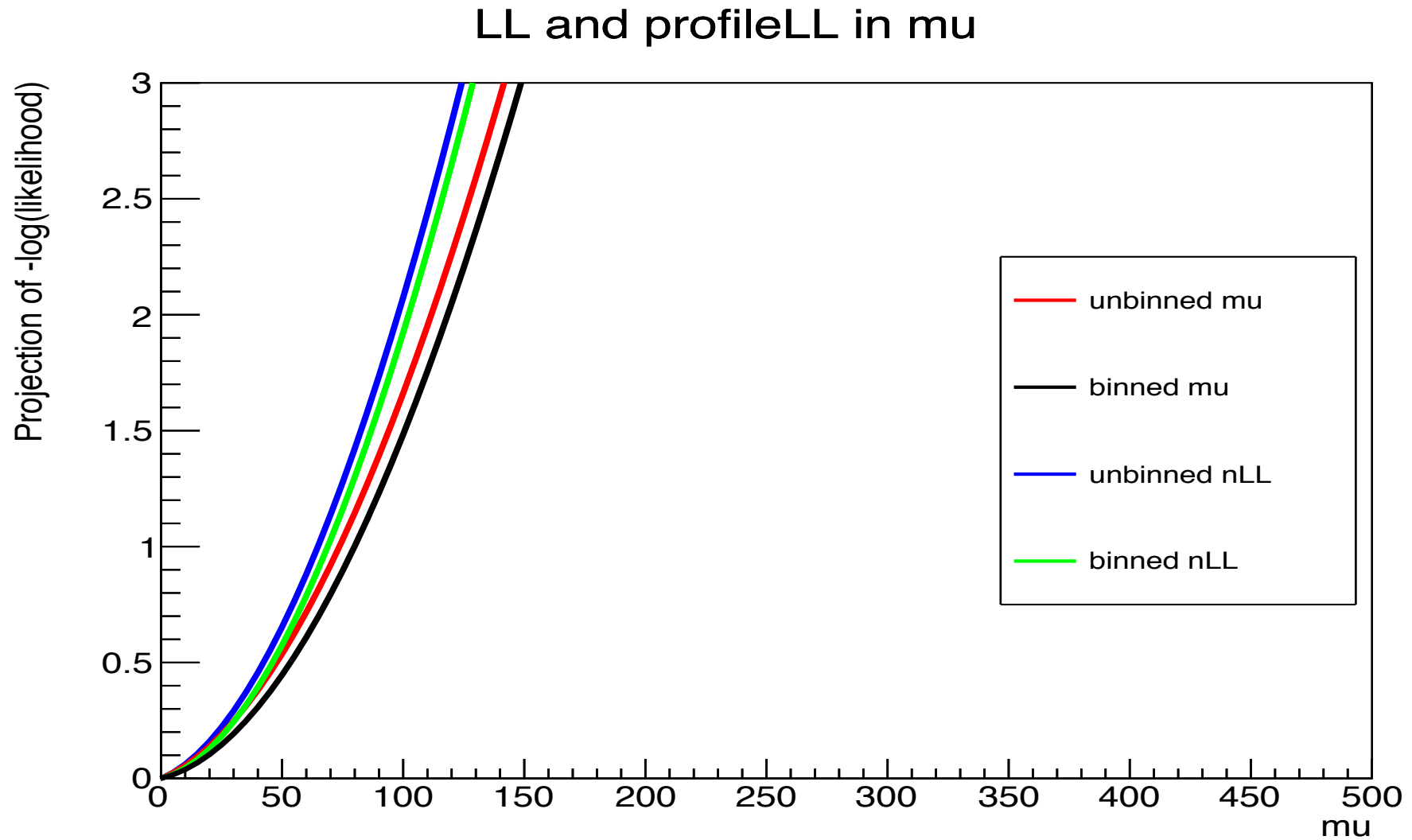


mcdata

LL and profileLL in mu



pseudodata



- The former aim is to convert the workspace into a binned likelihood with different binning schemes **solved;**
- see the impacts on the upper limits or profile likelihood curves. **Need Further Work;**