

Update 2019/04/25

# Fake data generation was a bug in ROOT

With your permission, I will add this to the RooFit tutorials to show how it's done.

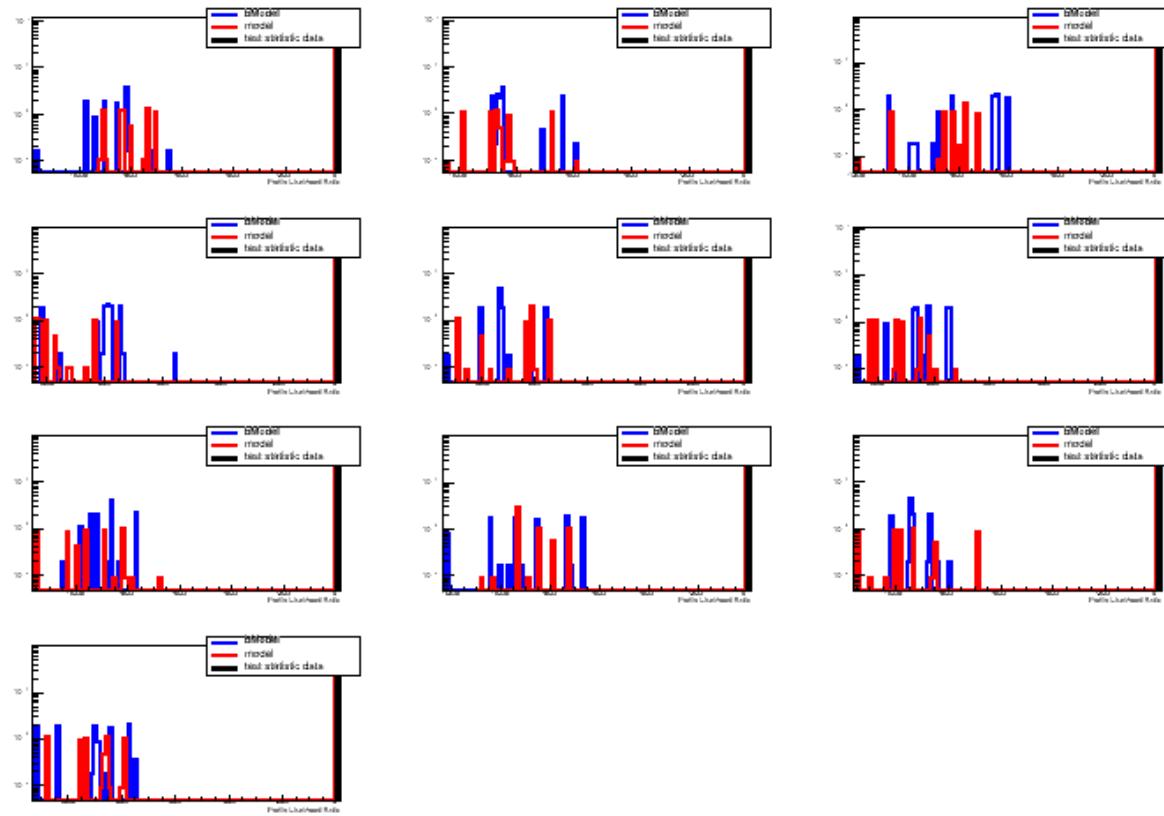
2. The categories don't change properly because there was a bug. I already fixed it. It just needs to be merged into ROOT. You can see the progress here:  
<https://sft.its.cern.ch/jira/browse/ROOT-10093>

A little demo. Generating with the fix now yields:

- However, I had changed the PLR to avoid this bug and it still yields questionable results when using time bins/z-slices

# Discrete

- With discrete observables (time bins, z-slices)
- Generated fake data



# No Discrete

- With no discrete observables (time bins, z-slices)
- Generated fake data

