x_{Bj} distributions of accepted events (LHRS)

October 4, 2018

Cuts

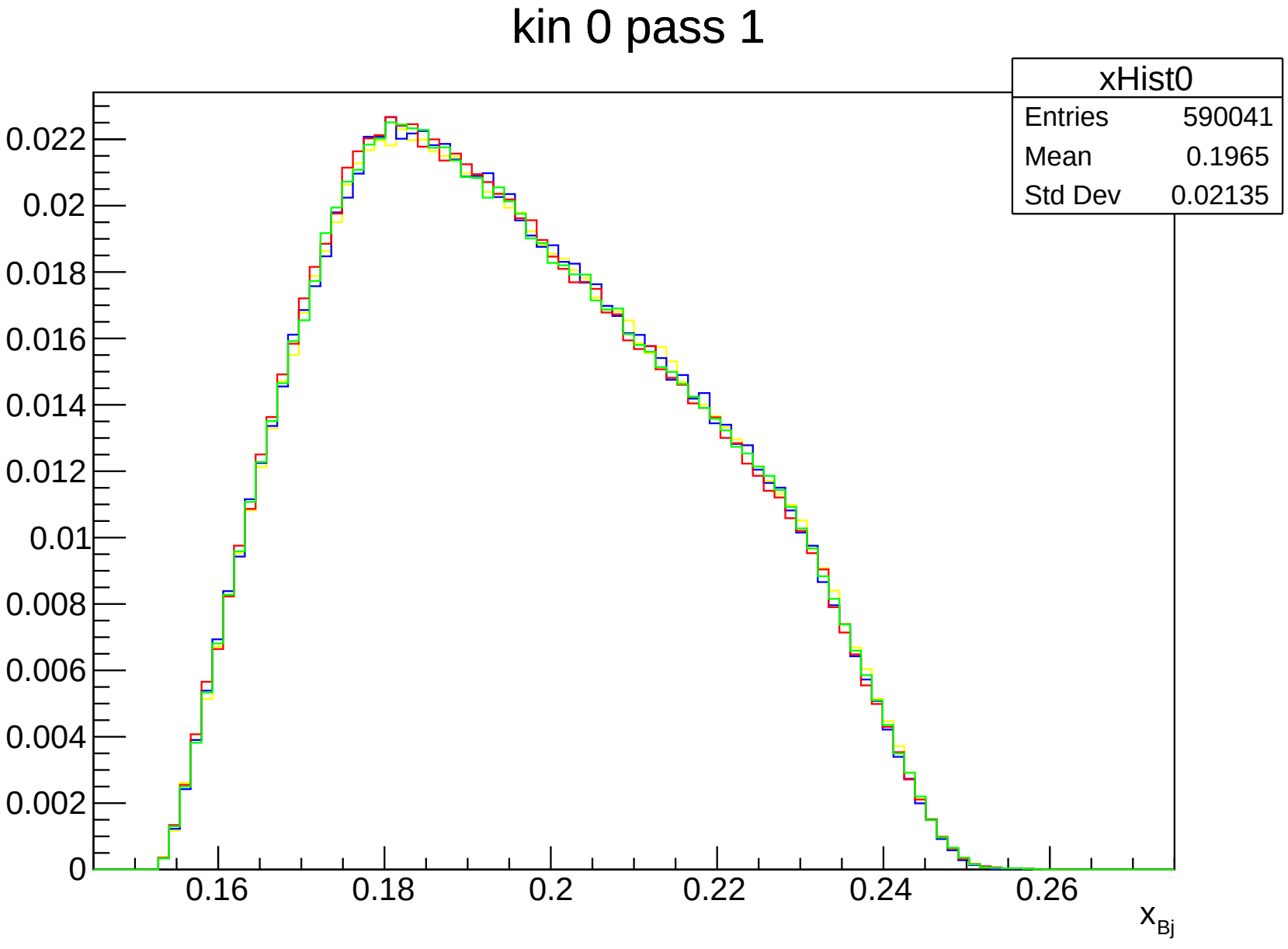
The following cuts were used for all targets and kinematics:

- T2 trigger
- Single track
- $|\theta_{tg}| < 0.06$
- $|\phi_{tg}| < 0.03$
- $|\delta p| < 0.04$
- $|v_z| < 0.1$
- Cherenkov sum > 2000
- $E/p > 0.75$
- $\beta > 0$
- $W^2 > 3$ GeV^2

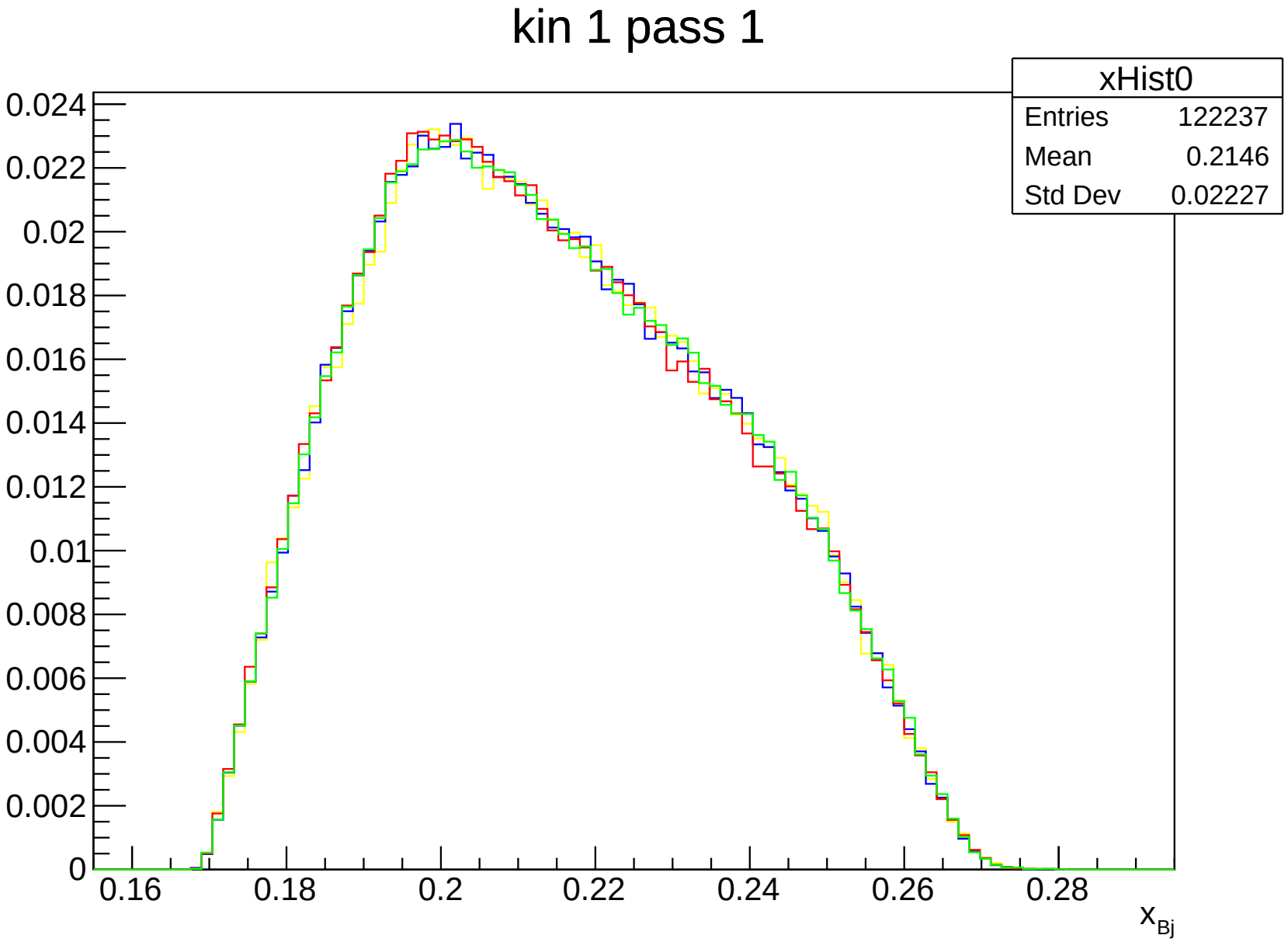
Histograms

- Histograms shown for all targets, kinematics 1-15 (LHRS only)
- Using `EKLx.x_bj` branch
- After applying cuts, histograms were scaled by $1/N_{entries}$
- Different passes of the same kinematic are shown in separate histograms (although the distributions appear to be identical)
- Instead of including the same legend on ∼16 histograms, legend is here:
  - H1 = yellow
  - D2 = blue
  - H3 = red
  - He3 = green

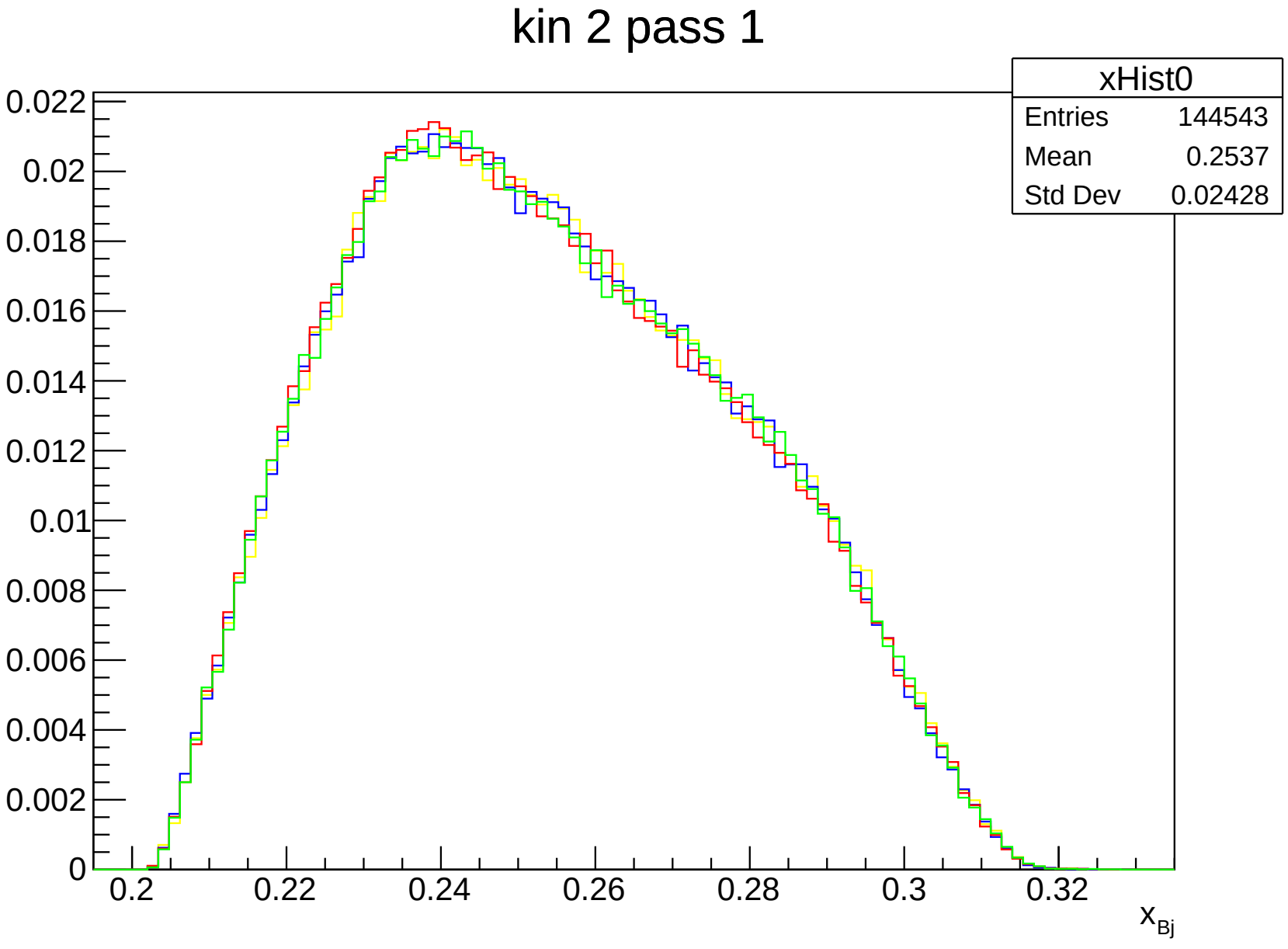
Kinematic 0, pass 1



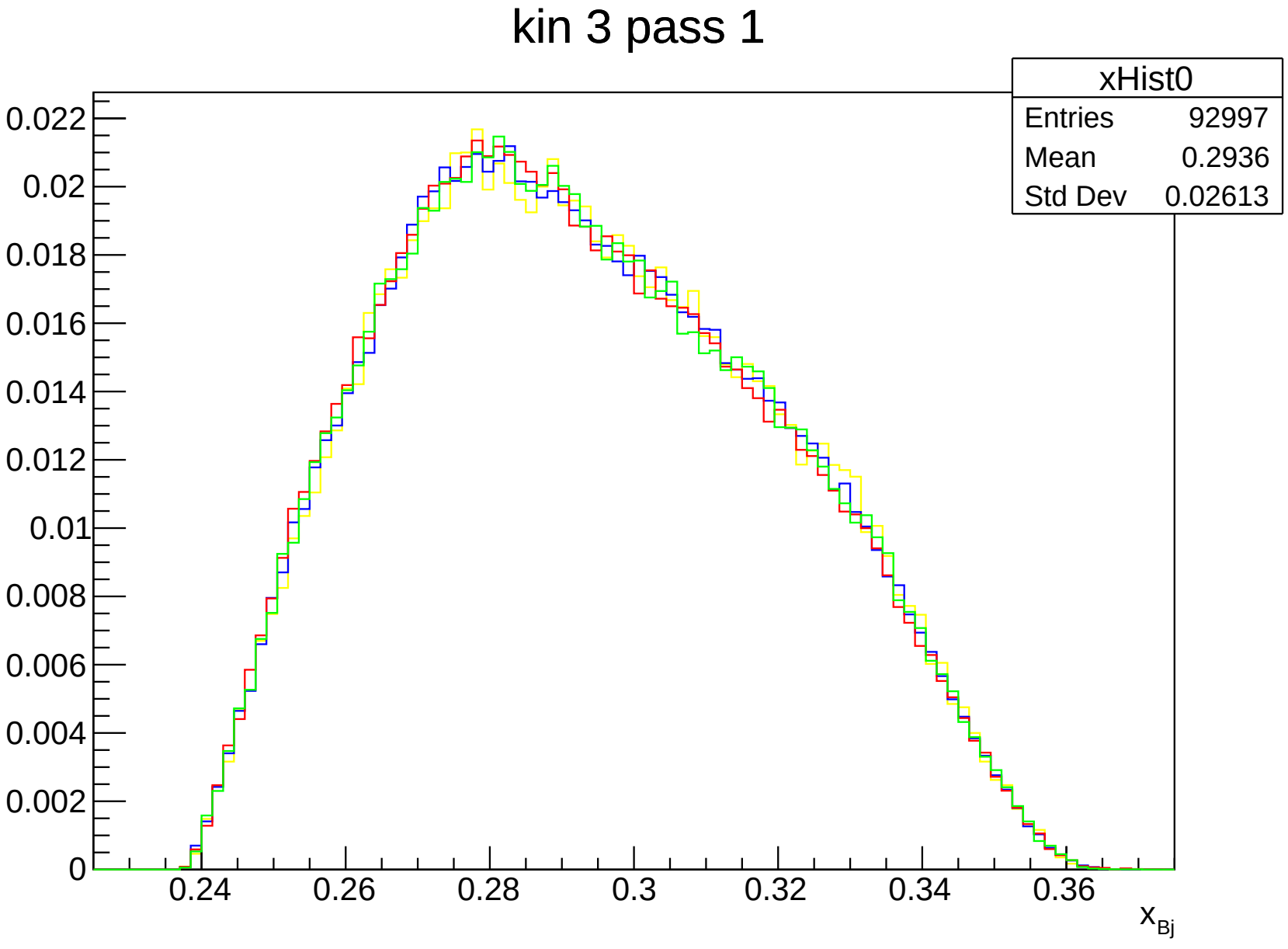
Kinematic 1, pass 1



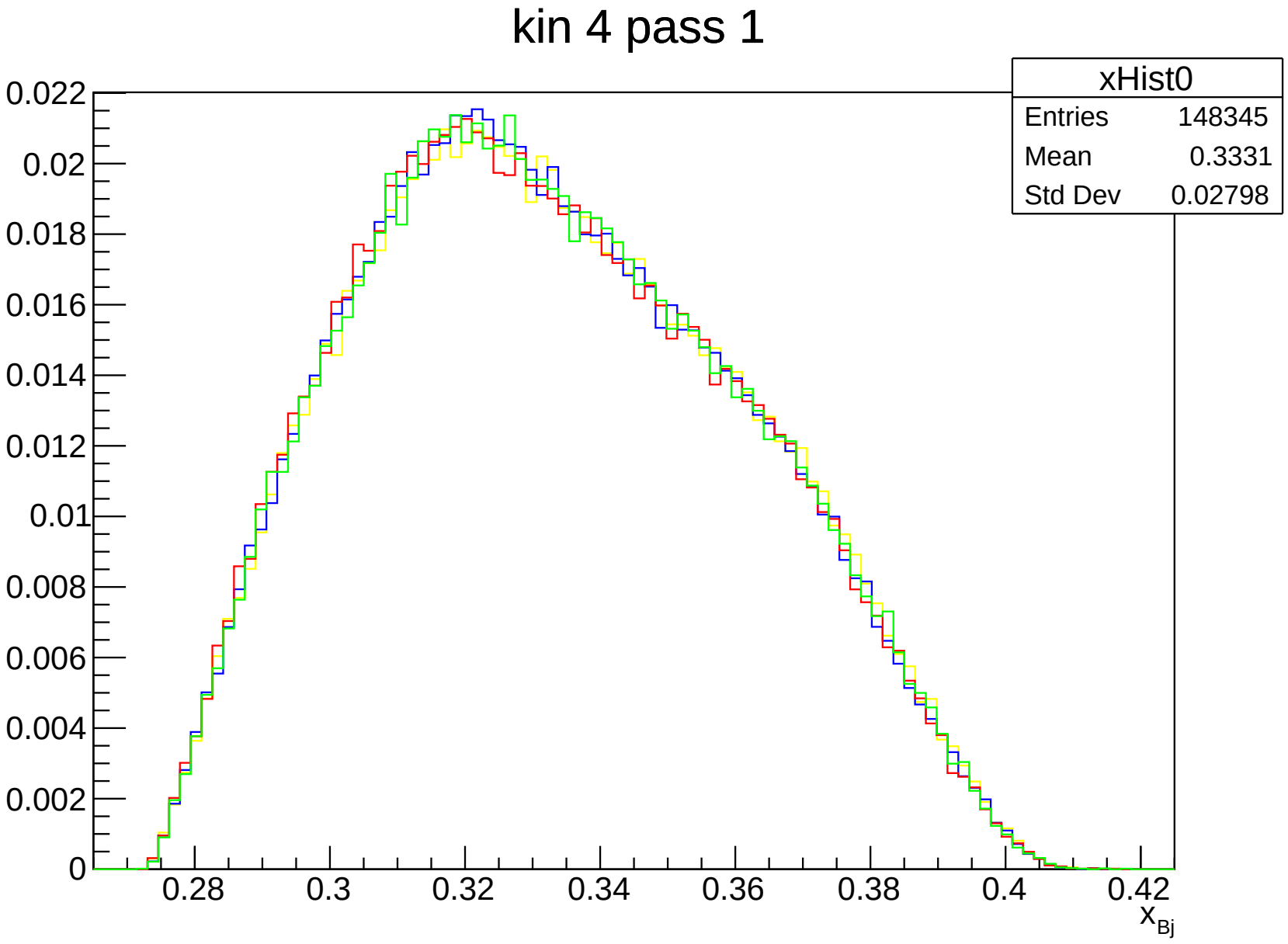
Kinematic 2, pass 1



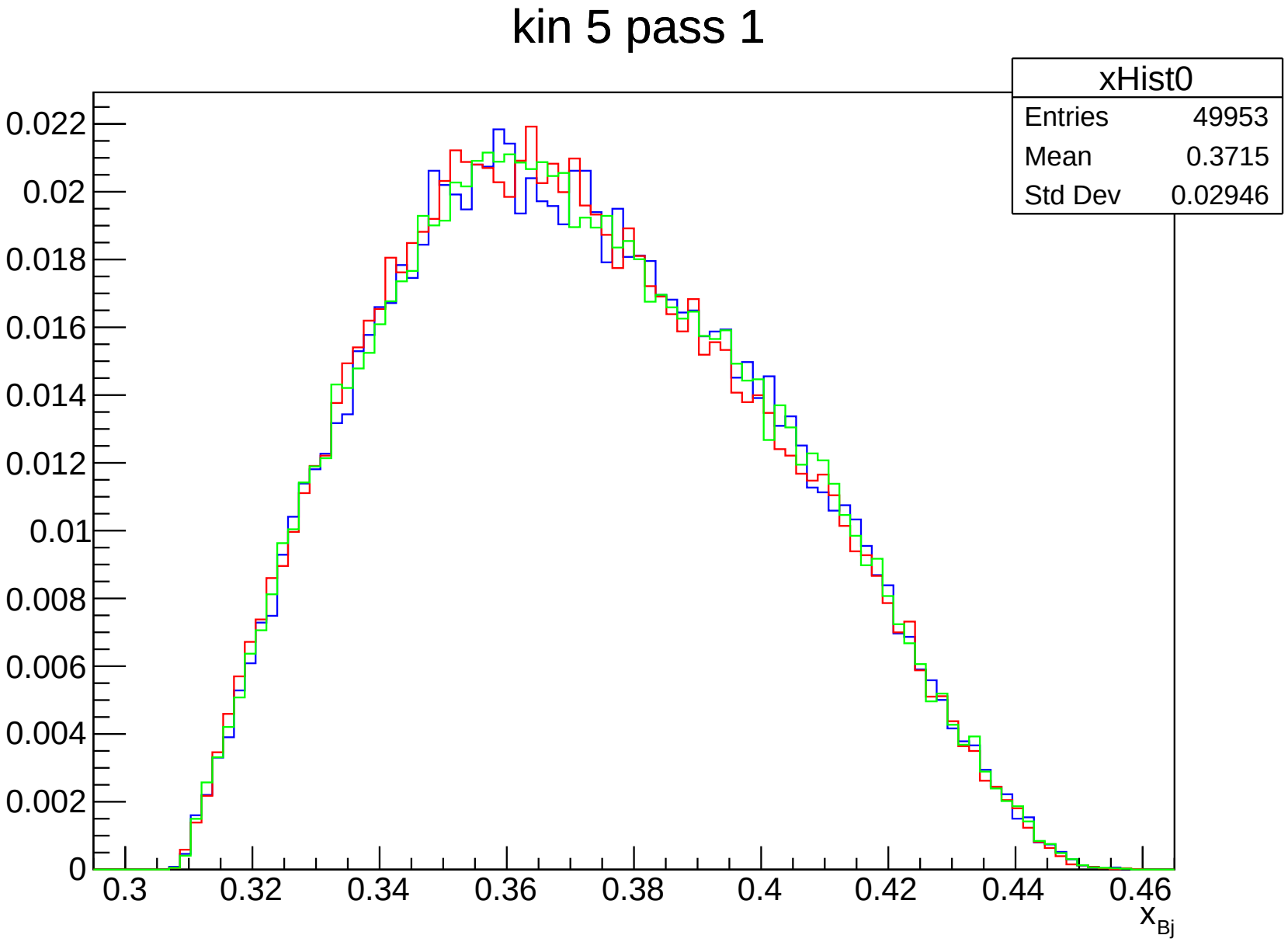
Kinematic 3, pass 1



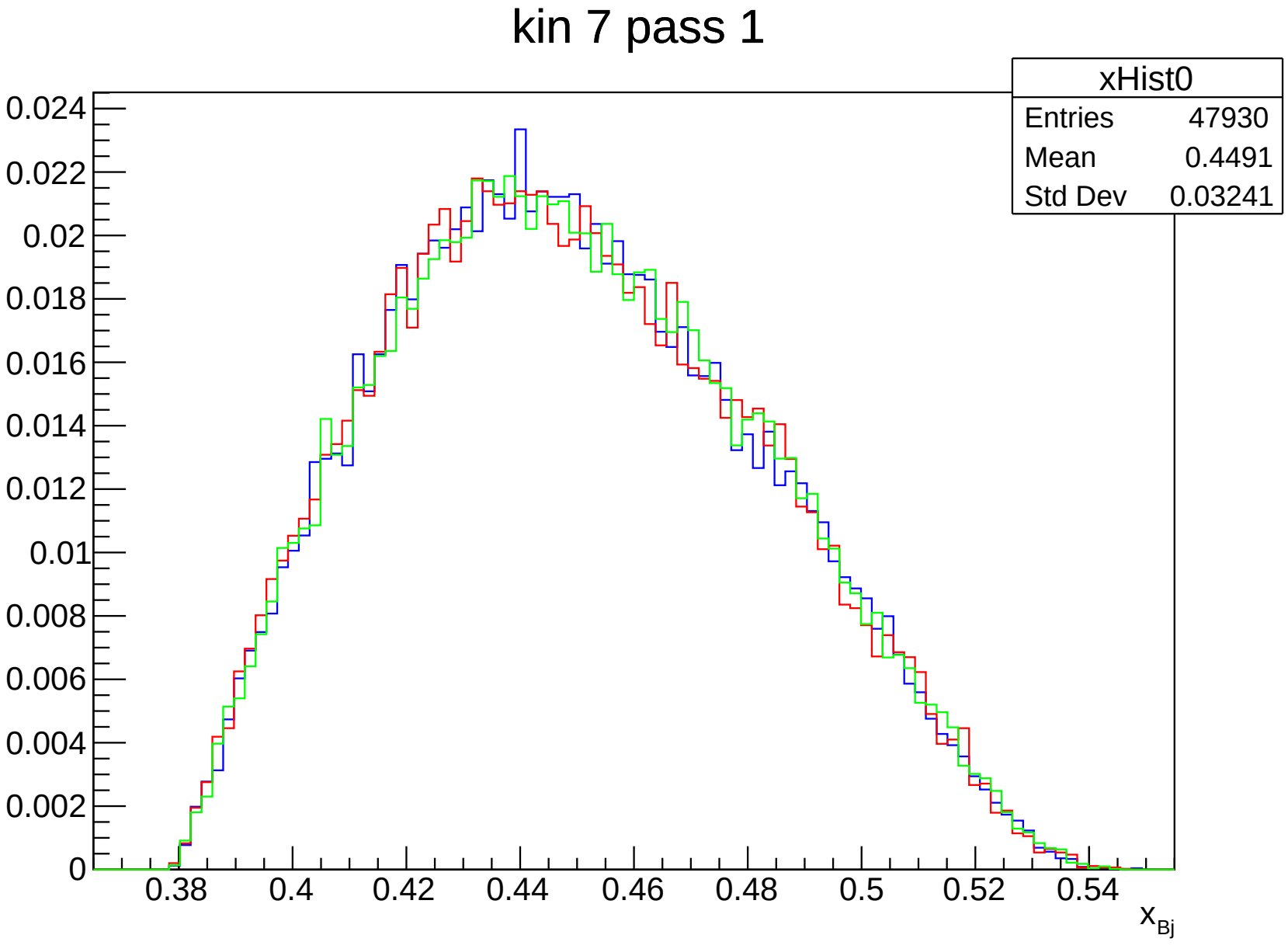
Kinematic 4, pass 1



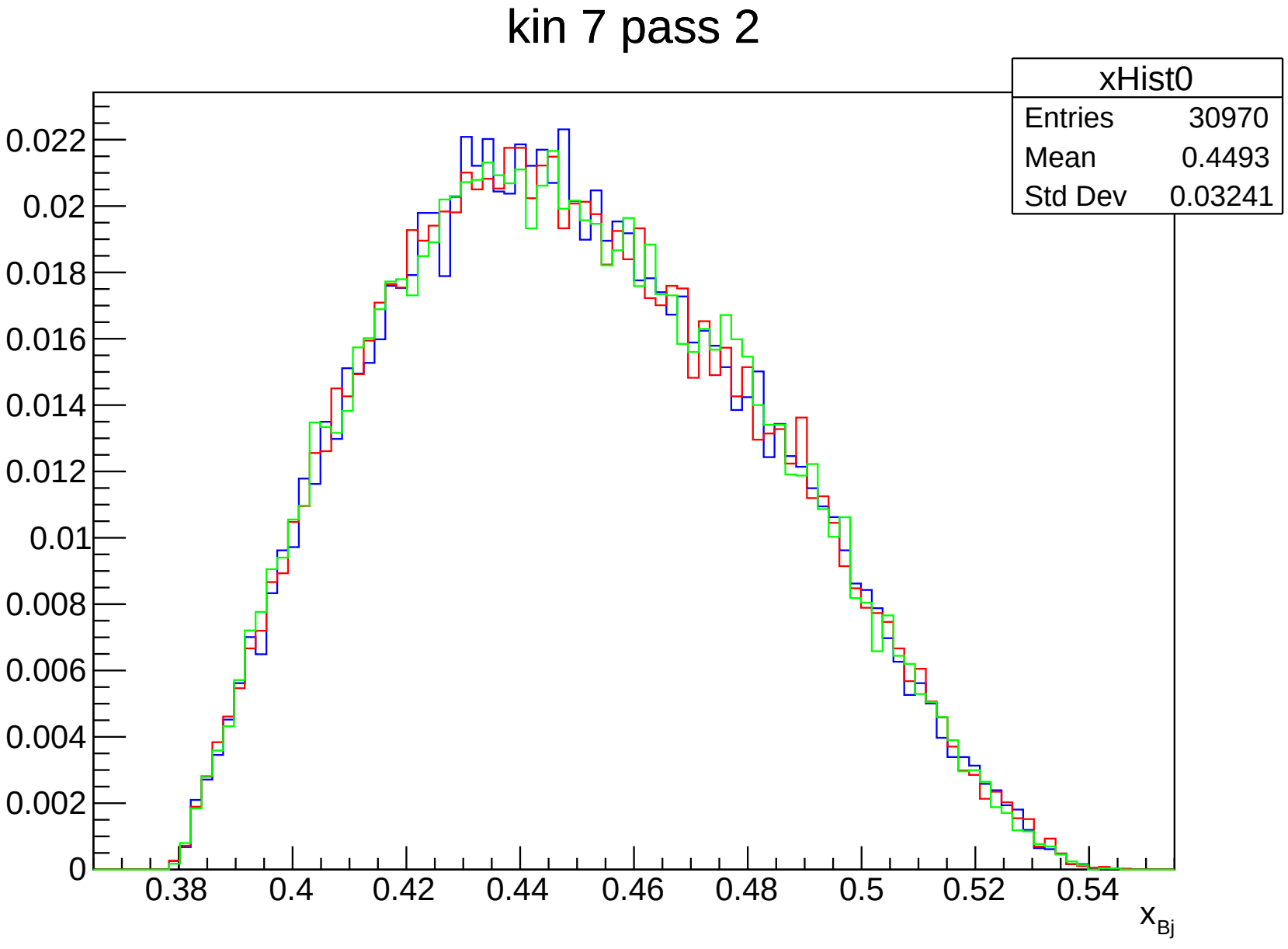
Kinematic 5, pass 1



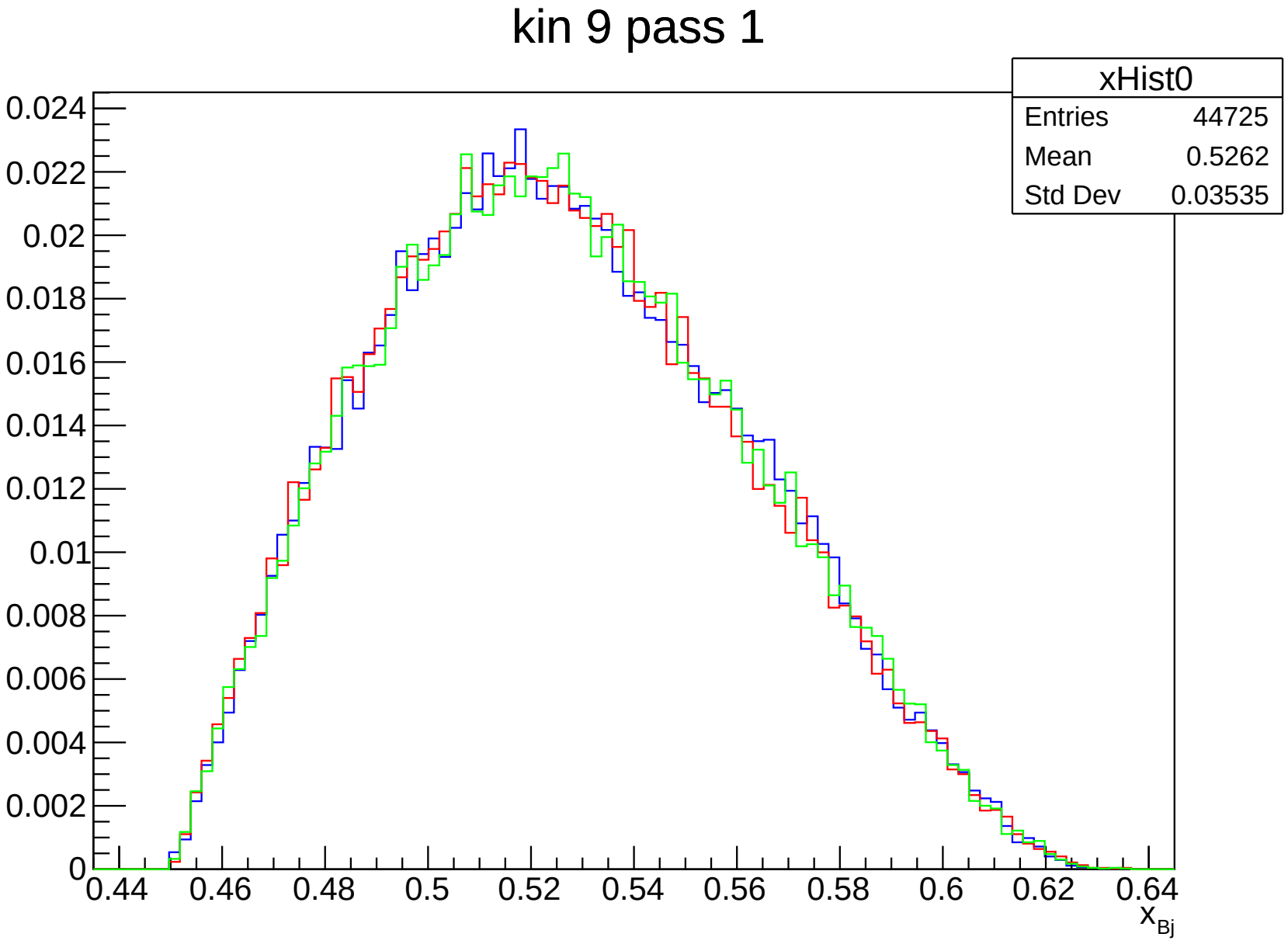
Kinematic 7, pass 1



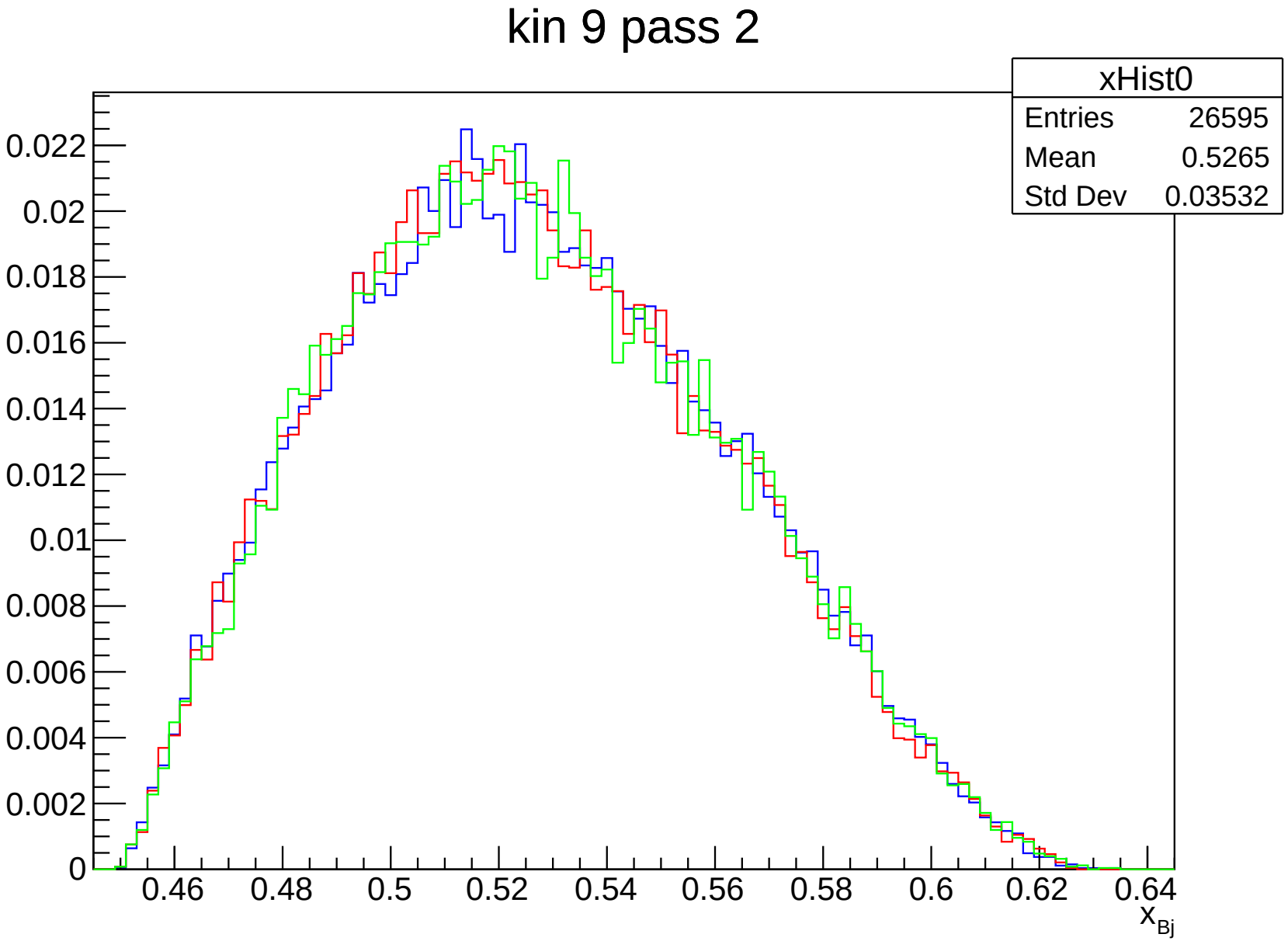
Kinematic 7, pass 2



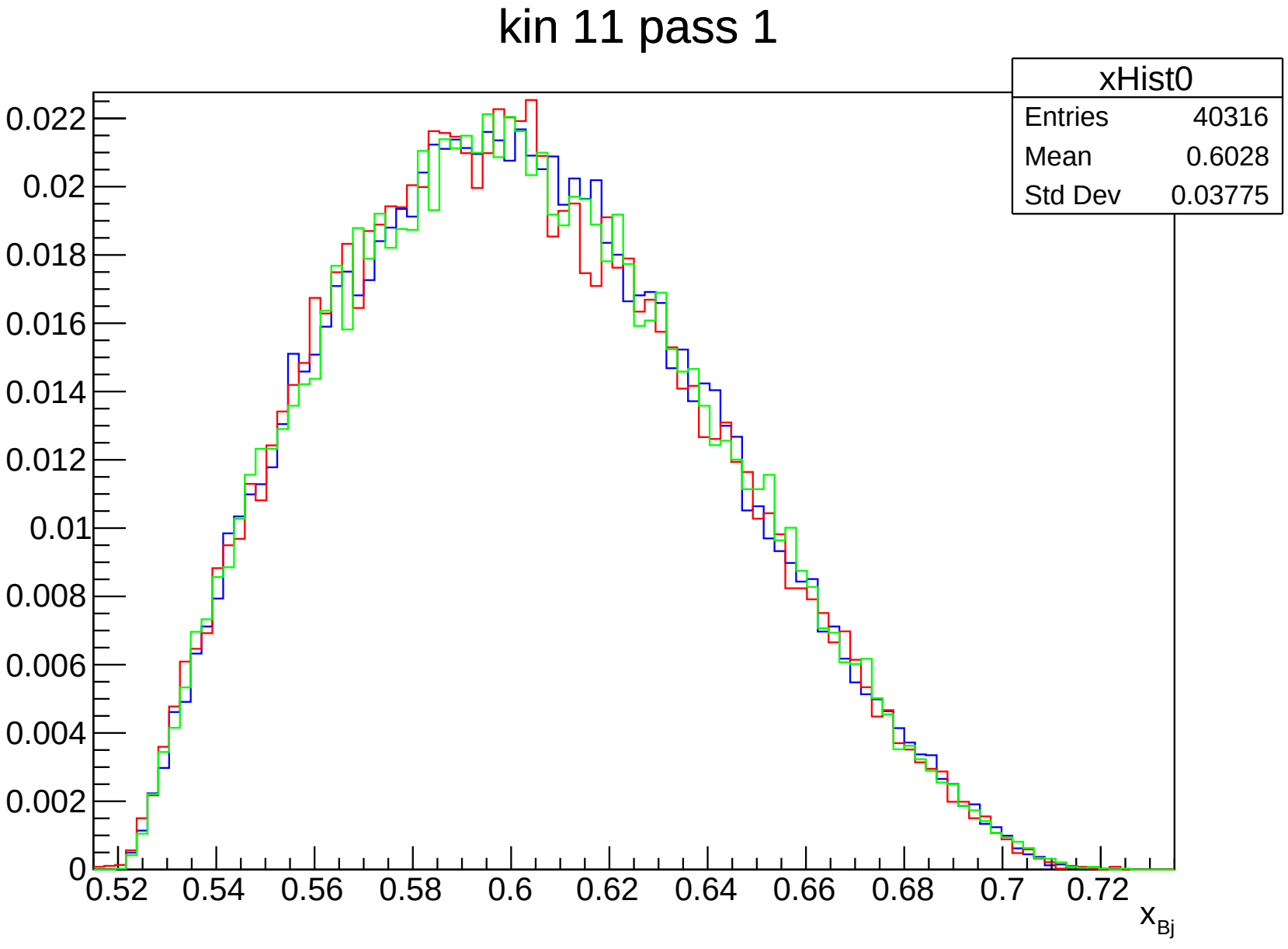
Kinematic 9, pass 1



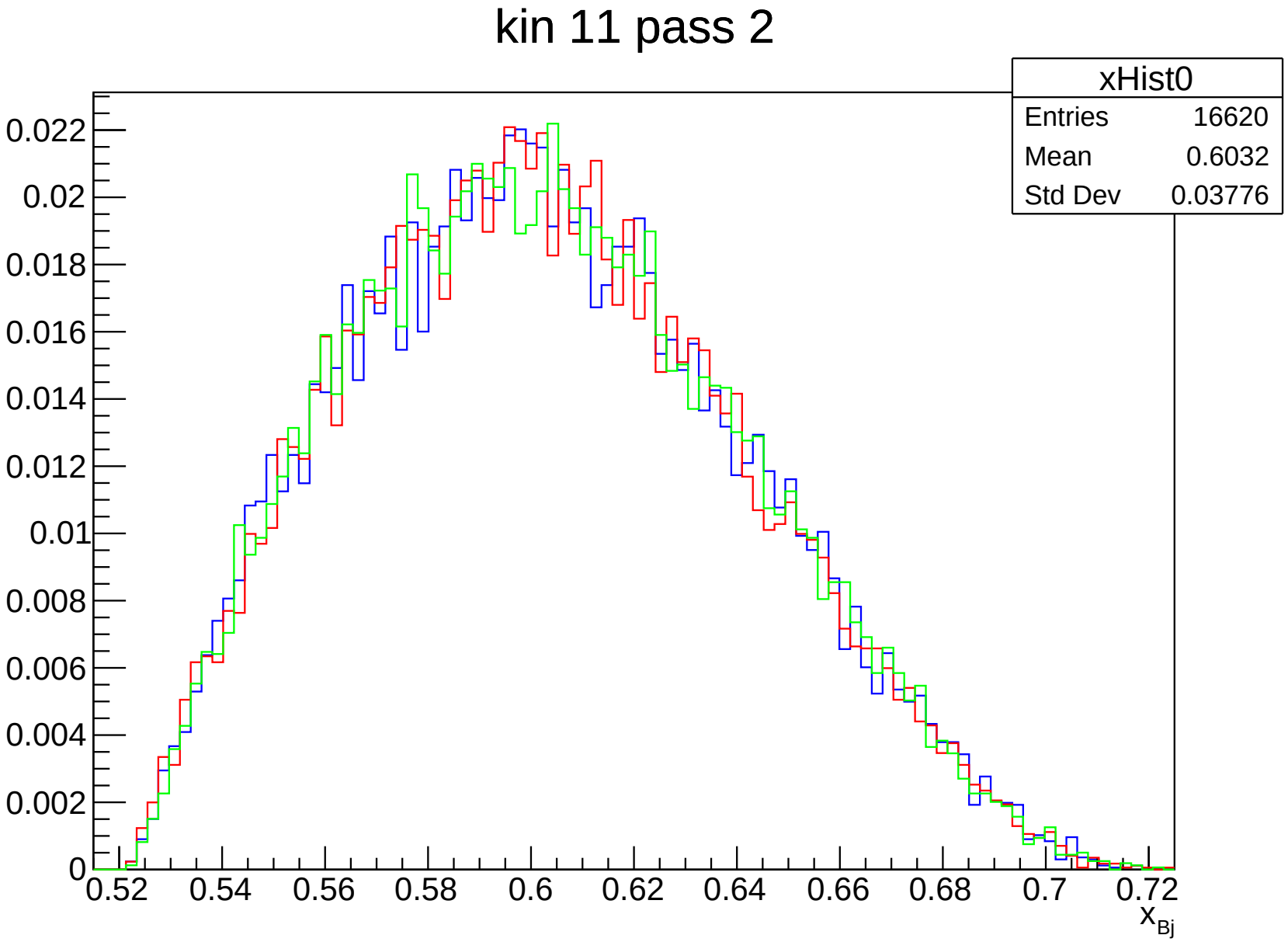
Kinematic 9, pass 2



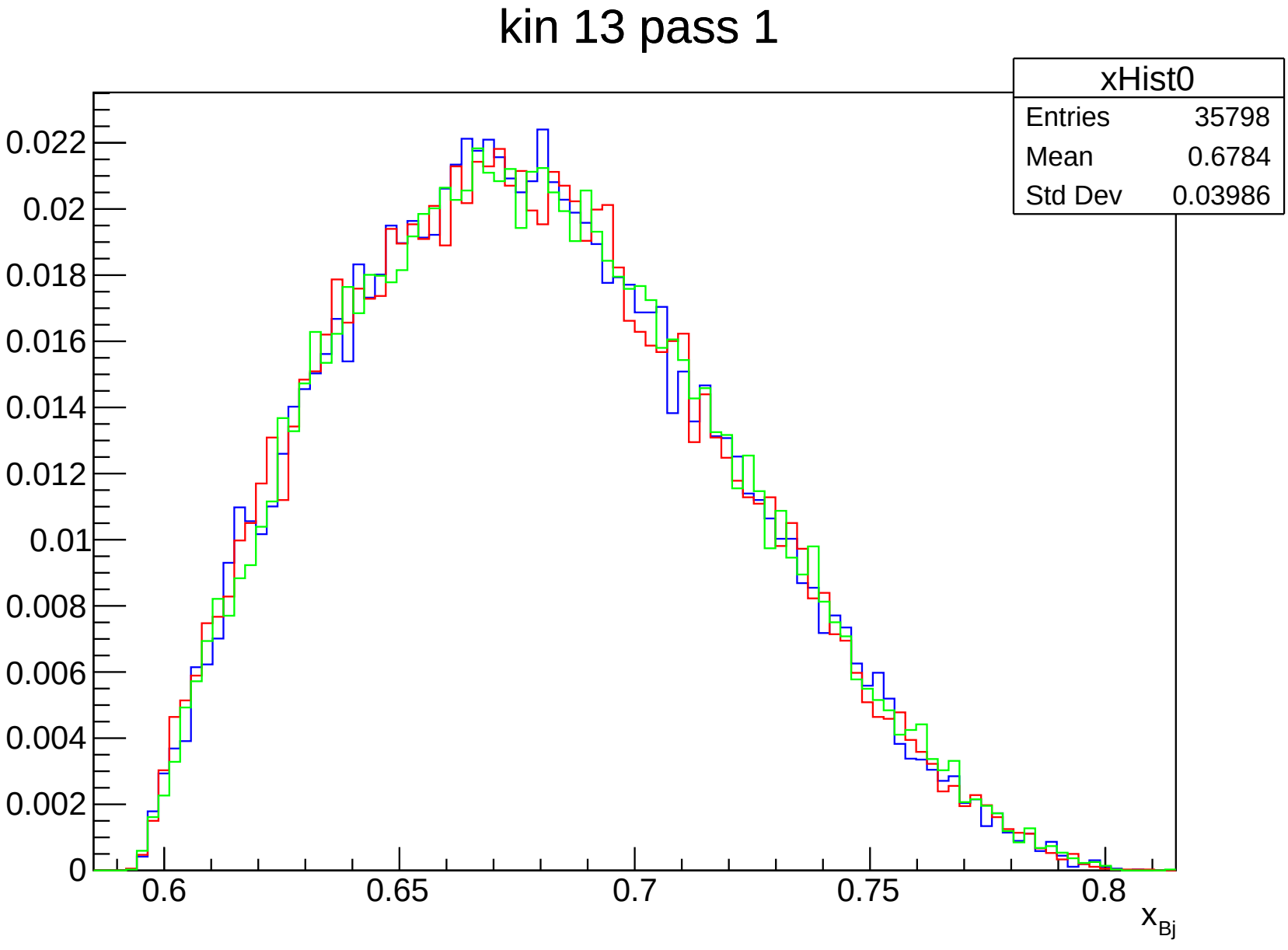
Kinematic 11, pass 1



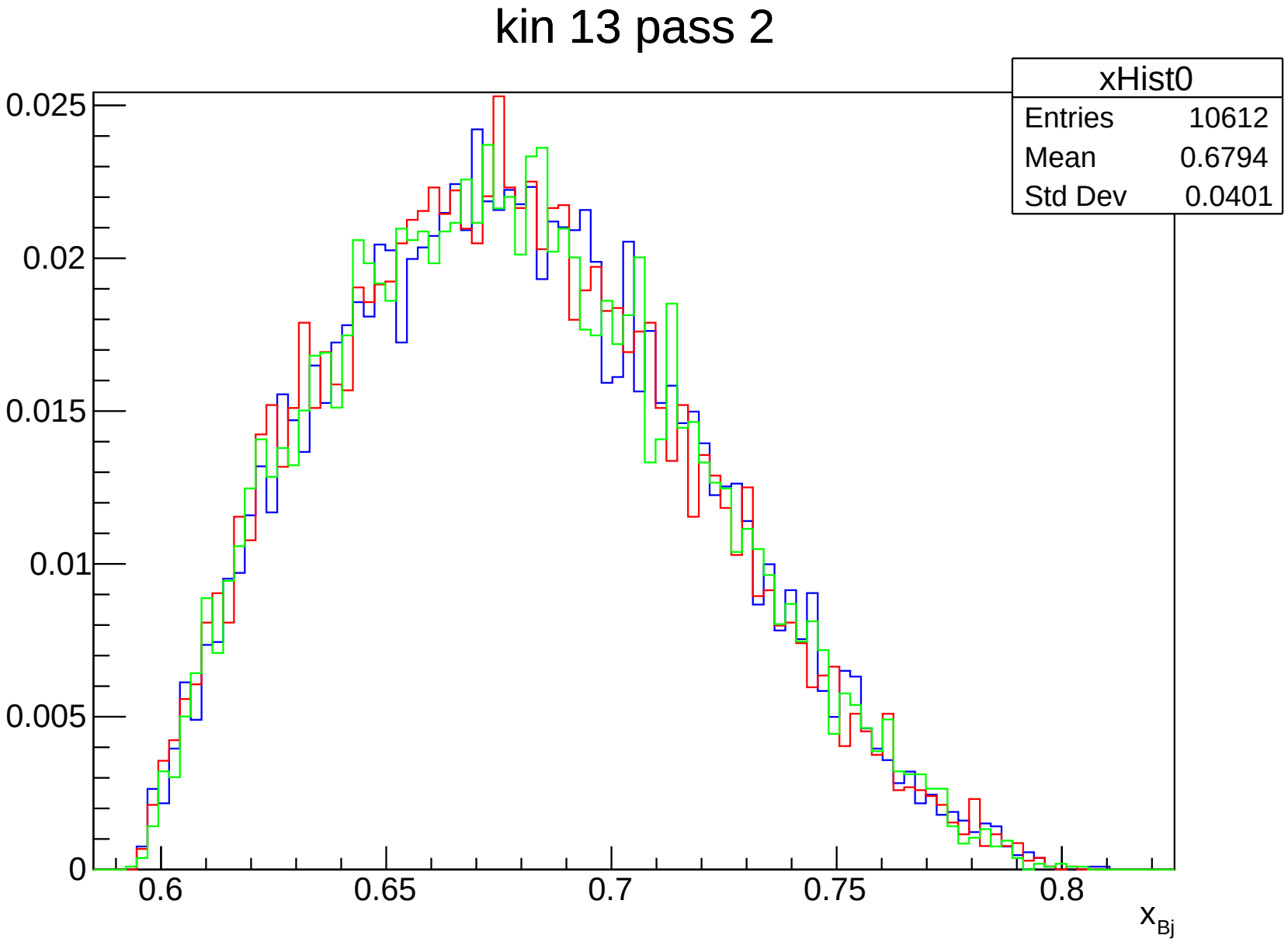
Kinematic 11, pass 2



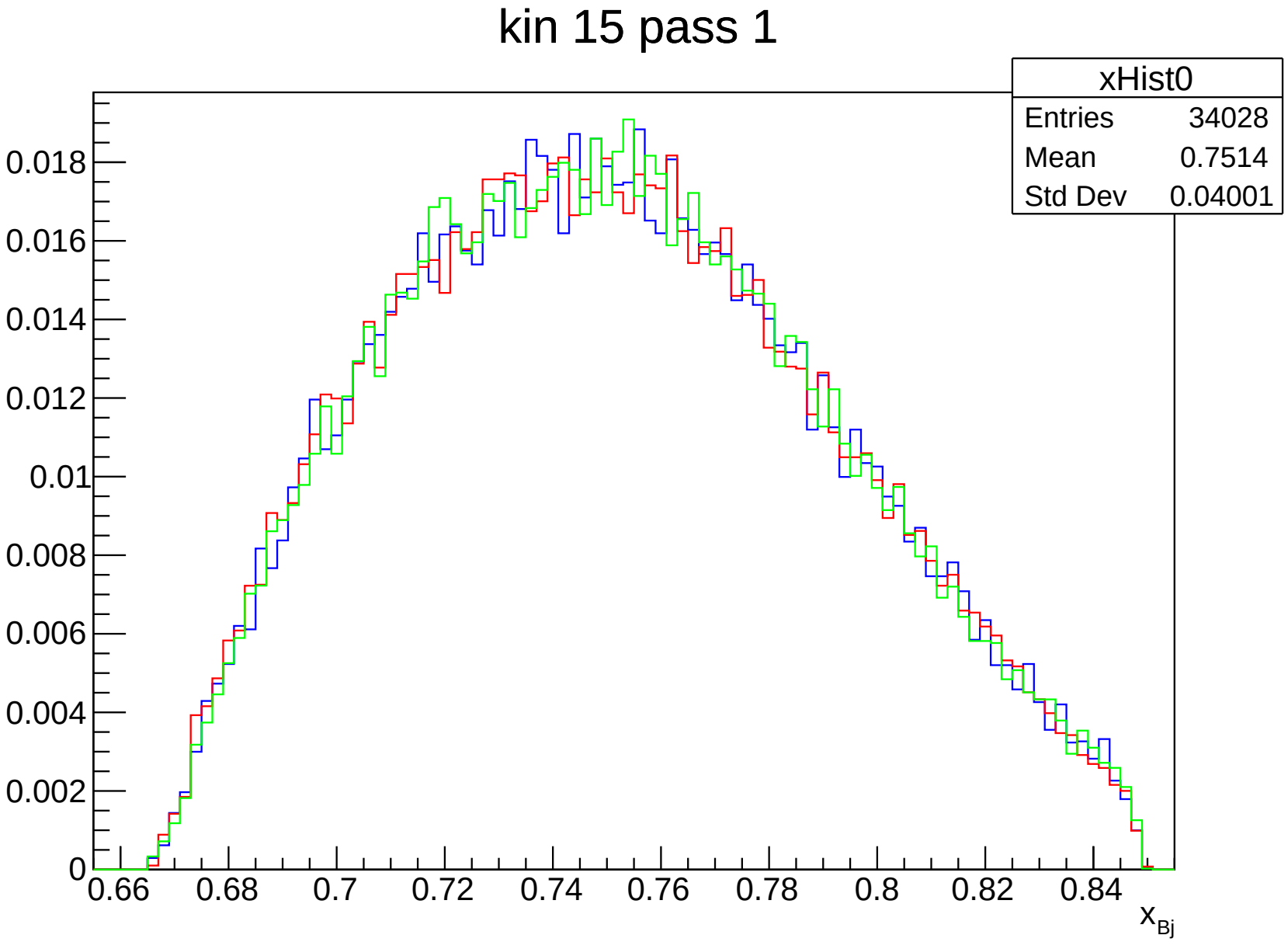
Kinematic 13, pass 1



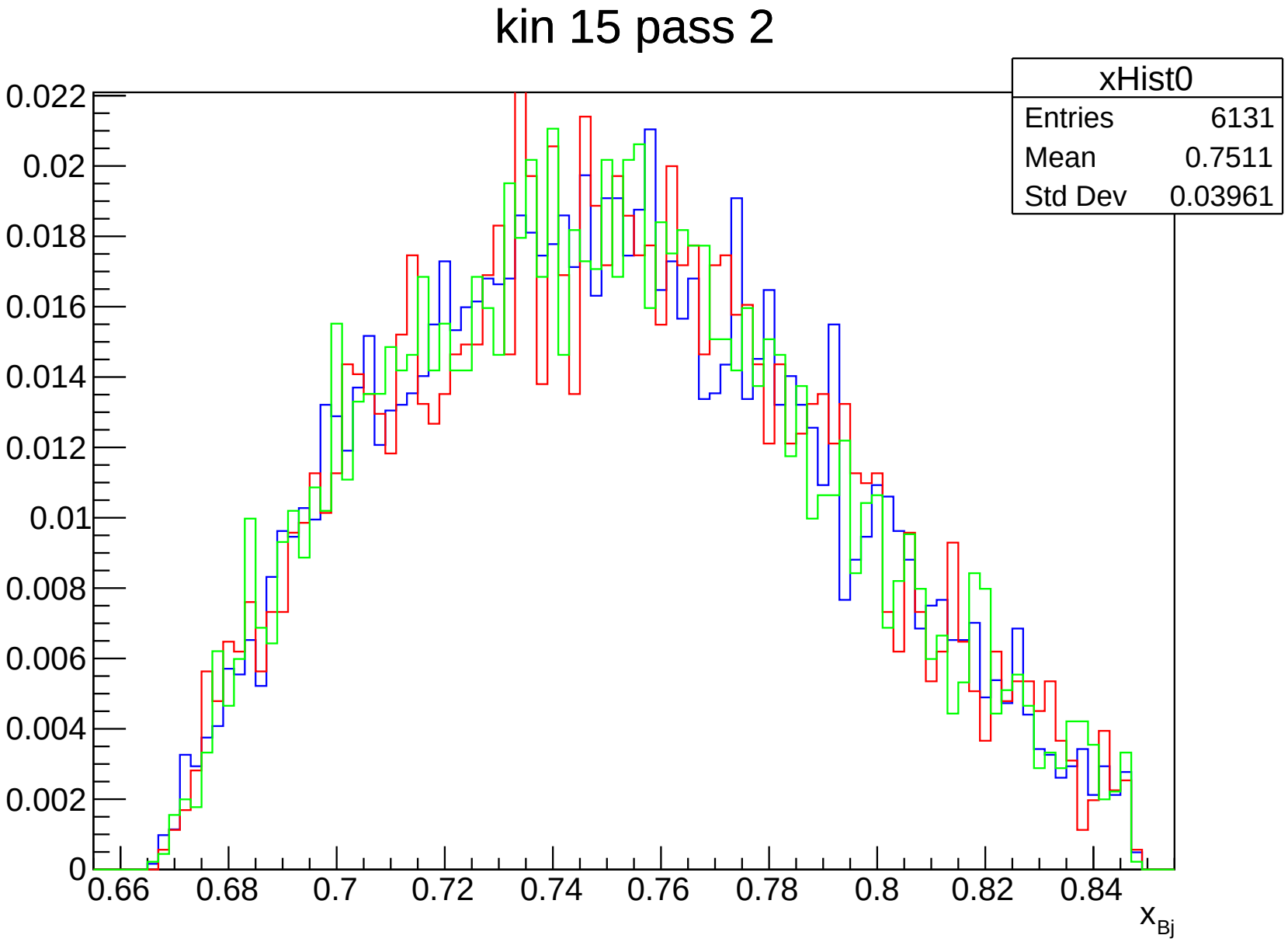
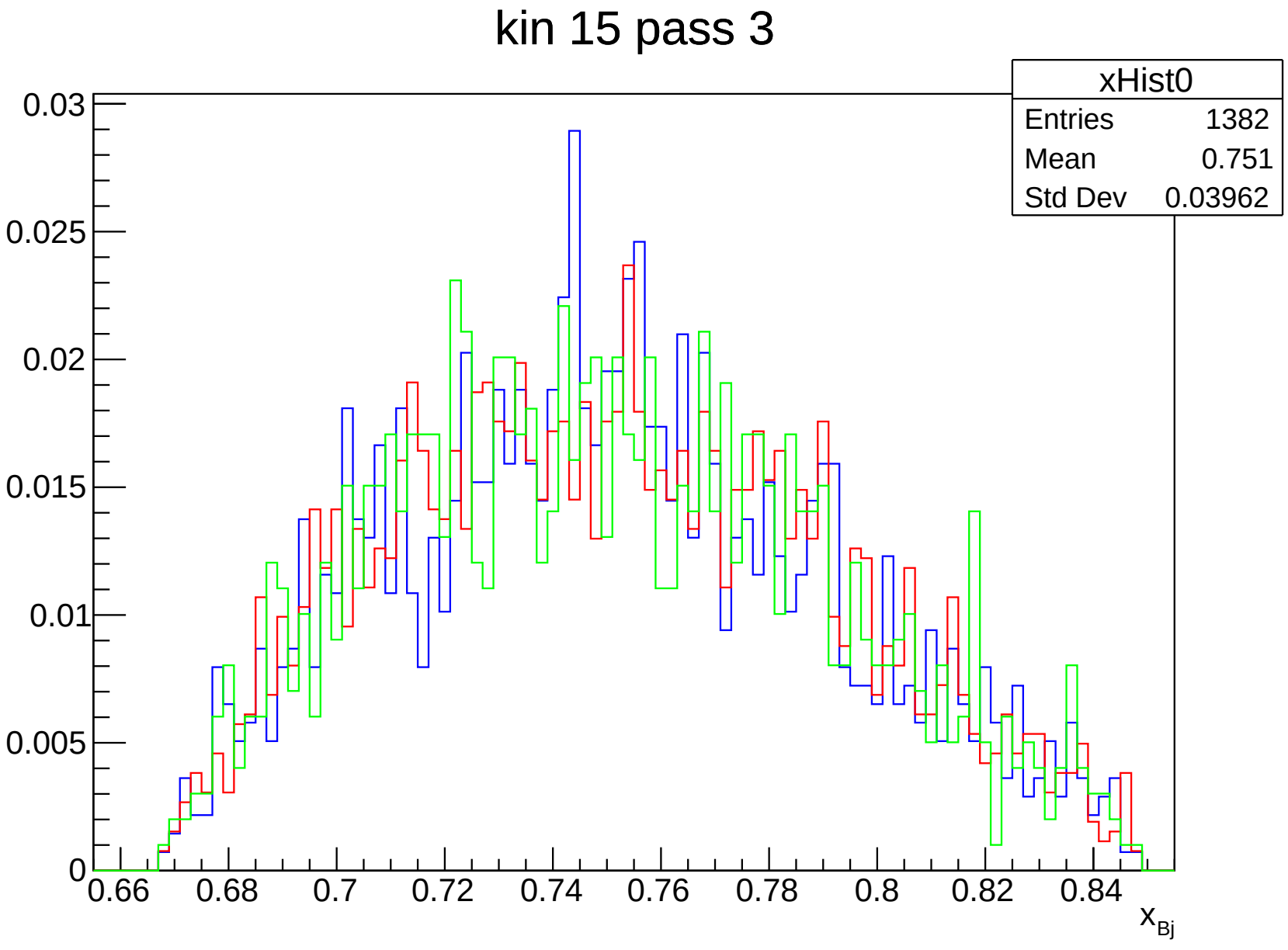
Kinematic 13, pass 2



Kinematic 15, pass 1



Kinematic 15, pass 2



Kinematic 15, pass 3