Toy Data C - Cat 0

Legend:
- KDE (black solid line)
- $\lambda = 0$ ($\hat{\eta}_{(b)}$:0.0018, p.val$_{(b)}$:0, $\hat{\eta}_{(ub)}$:0.0018, p.val$_{(ub)}$:0)
- $\lambda = 0.001667$ ($\hat{\eta}_{(b)}$:5e-04, p.val$_{(b)}$:0.0772, $\hat{\eta}_{(ub)}$:5e-04, p.val$_{(ub)}$:0.078)
- $\lambda = 0.003333$ ($\hat{\eta}_{(b)}$:-7e-04, p.val$_{(b)}$:0.9743, $\hat{\eta}_{(ub)}$:-7e-04, p.val$_{(ub)}$:0.9746)
- $\lambda = 0.005$ ($\hat{\eta}_{(b)}$:-0.002, p.val$_{(b)}$:1, $\hat{\eta}_{(ub)}$:-0.002, p.val$_{(ub)}$:1)

Y-axis: Events

X-axis: Energy (Gev)