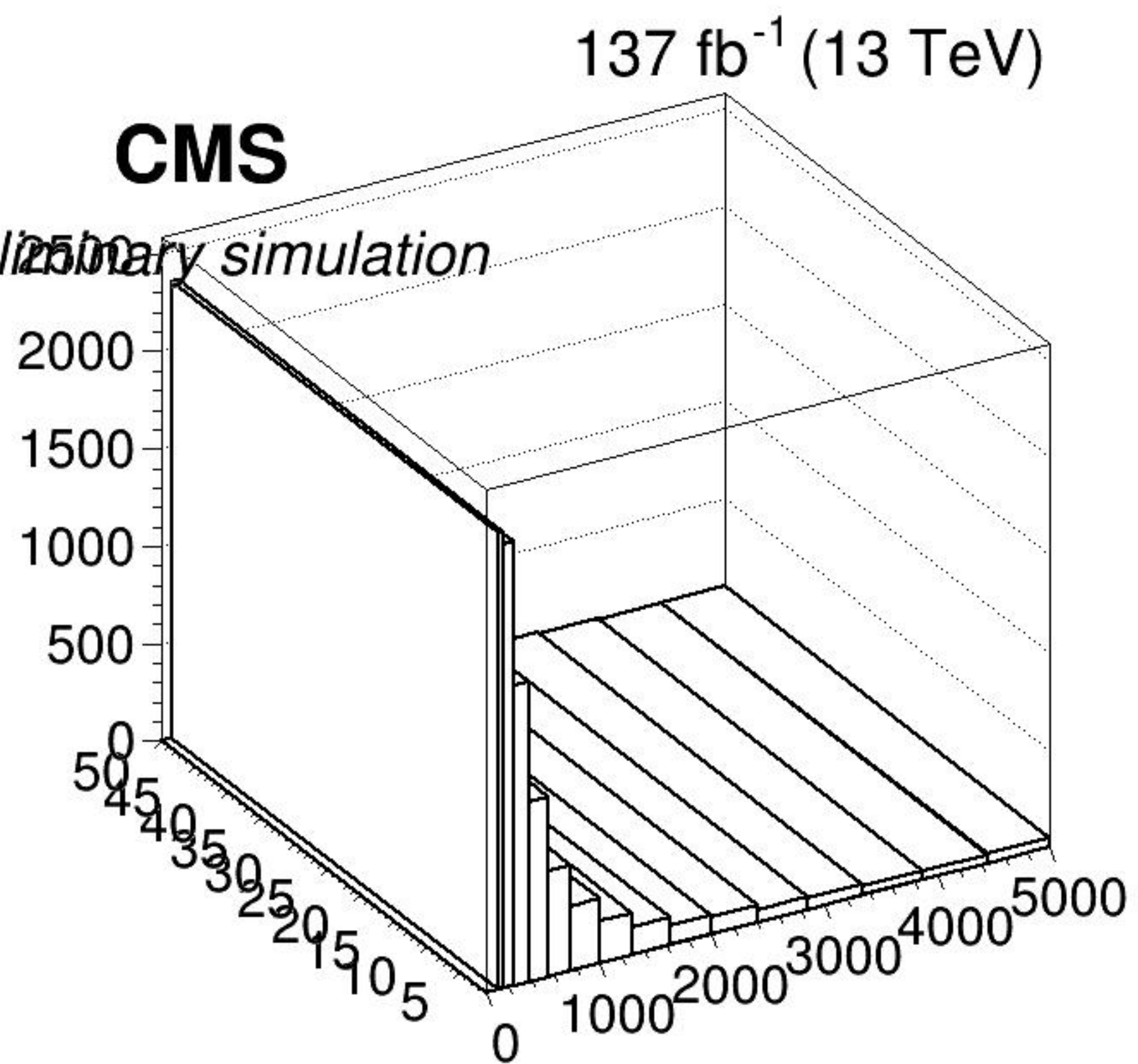


reliminary simulation



reliminary simulation

