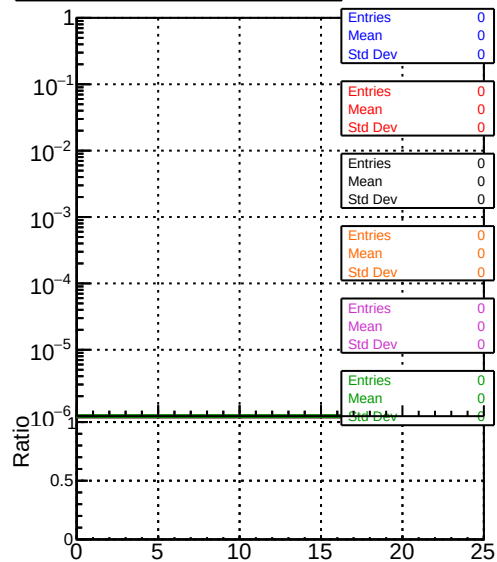
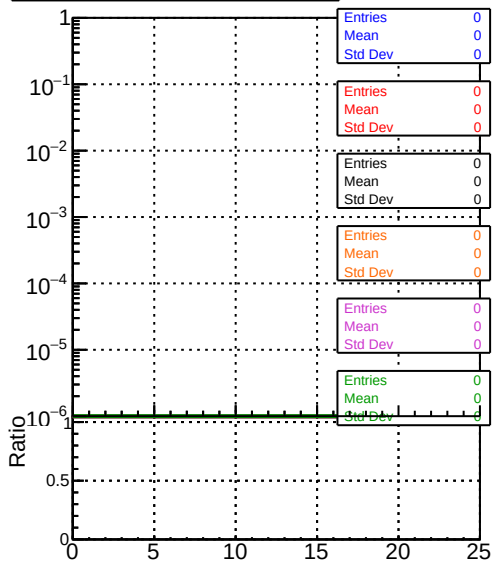


number of missing inner layers

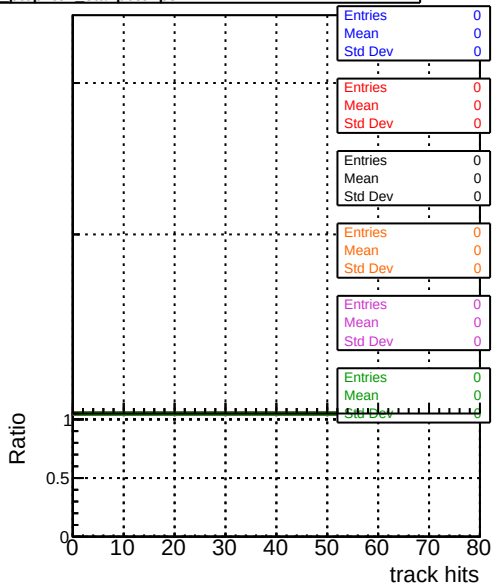
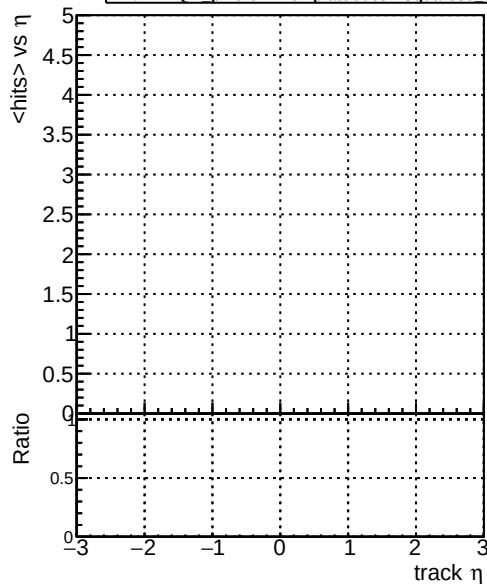


number of missing outer layers

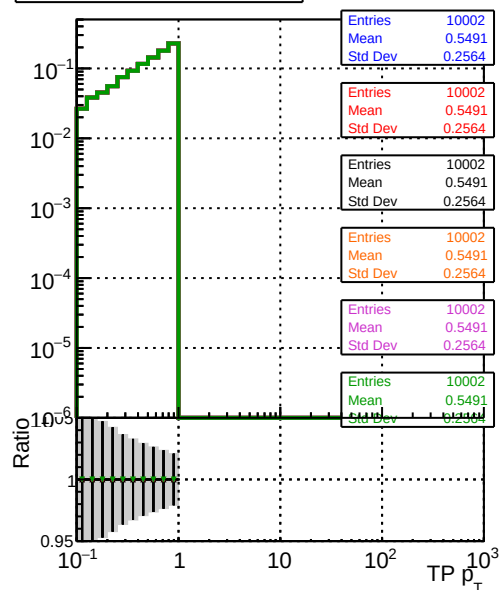


Legend for mean hits vs track η :

- blue: BQM original
- red: BQM original + step2
- orange: BQM original + step2 + eta2p0to2p5
- purple: BQM original + step2 + eta2p0to2p5 + eta2p0to2p5
- green: BQM original + step2 + eta2p0to2p5 + eta2p0to2p5 + eta2p0to2p5



N of simulated tracks vs pT



N of reco track vs pT

