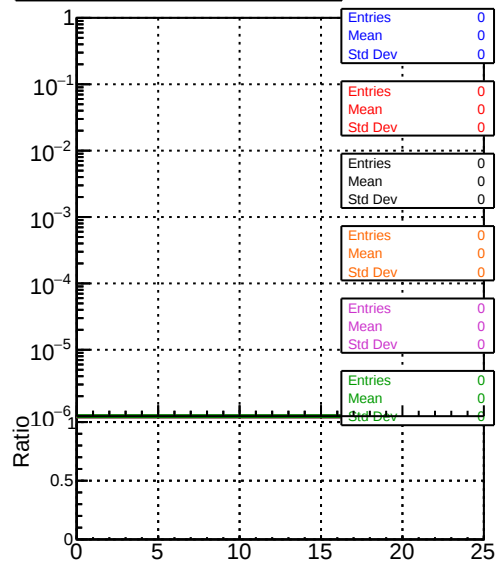
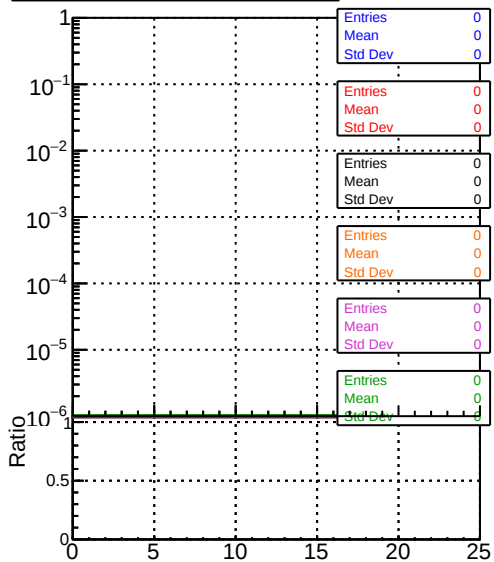


number of missing inner layers

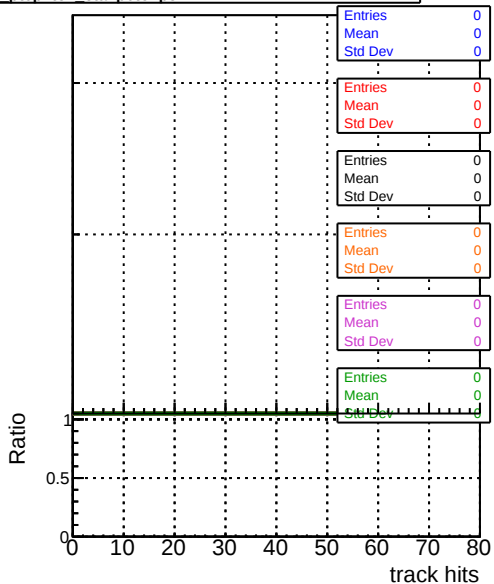
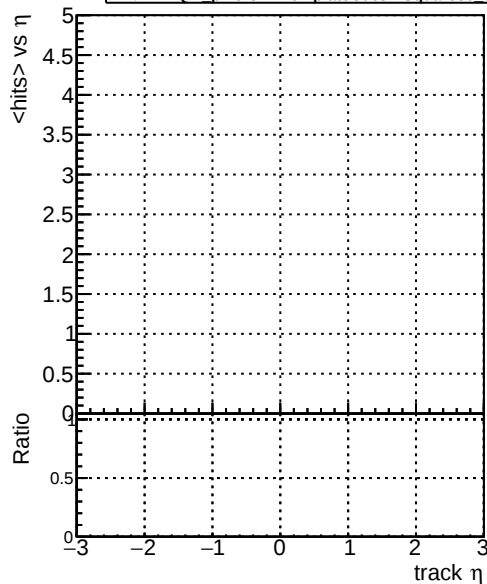


number of missing outer layers

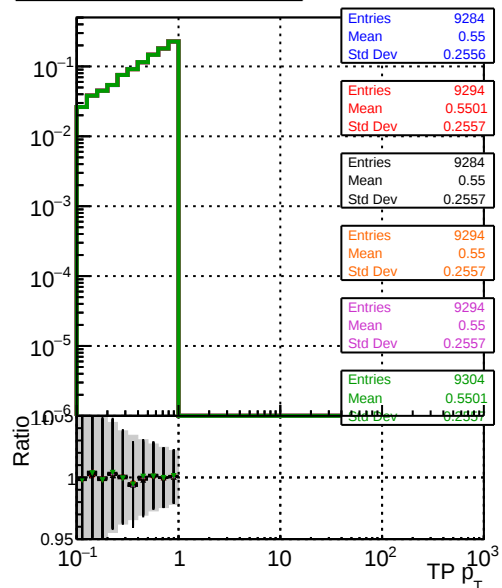


Legend for mean hits vs track η :

- Blue: BQM original step2 eta2p0to2p5
- Red: BQM original step2 eta2p0to2p5
- Orange: BQM original step2 eta2p0to2p5
- Magenta: BQM original step2 eta2p0to2p5
- Green: BQM original step2 eta2p0to2p5
- Blue: BQM pixelated template CutChiSquare10 step2 eta2p0to2p5
- Red: BQM pixelated template CutChiSquare10 step2 eta2p0to2p5
- Orange: BQM pixelated template CutChiSquare10 step2 eta2p0to2p5
- Magenta: BQM pixelated template CutChiSquare10 step2 eta2p0to2p5
- Green: BQM pixelated template CutChiSquare10 step2 eta2p0to2p5
- Blue: BQM pixelated template CutChiSquare30 step2 eta2p0to2p5
- Red: BQM pixelated template CutChiSquare30 step2 eta2p0to2p5
- Orange: BQM pixelated template CutChiSquare30 step2 eta2p0to2p5
- Magenta: BQM pixelated template CutChiSquare30 step2 eta2p0to2p5
- Green: BQM pixelated template CutChiSquare30 step2 eta2p0to2p5



N of simulated tracks vs pT



N of reco track vs pT

