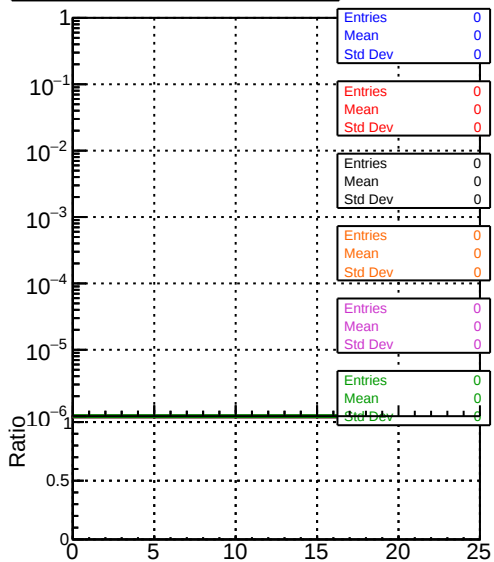


number of missing inner layers

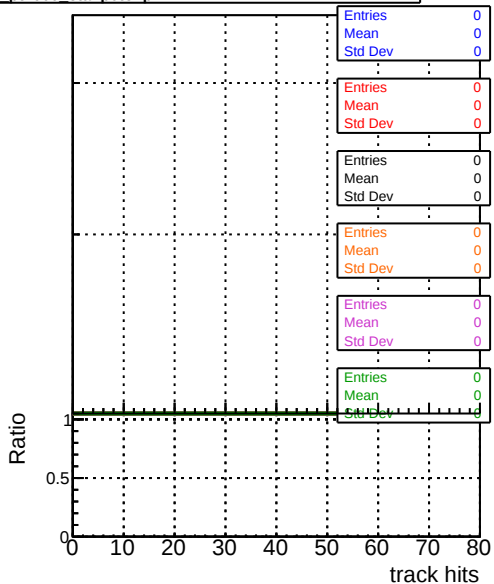
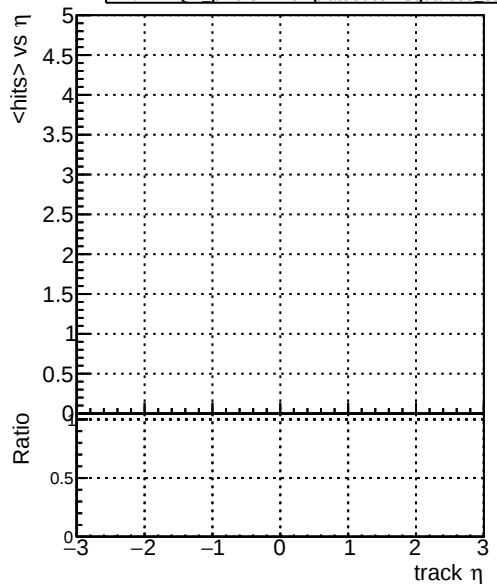


number of missing outer layers

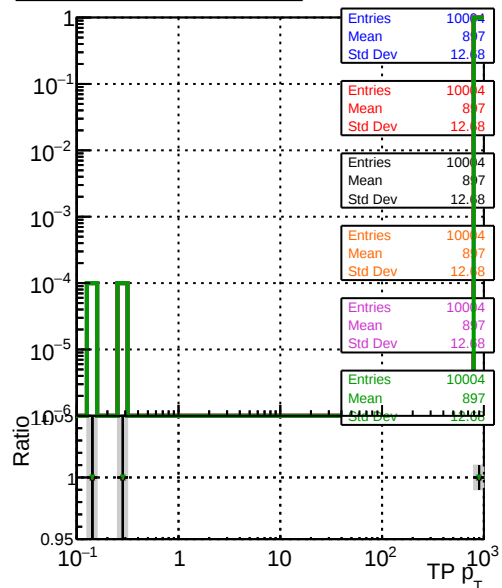


Legend for mean hits vs track η :

- Blue: BQM original
- Red: BQM original + step 2
- Orange: BQM original + step 2 + eta100 to 1p4
- Purple: BQM original + step 2 + eta100 to 1p4 + eta1p0 to 1p4
- Green: BQM original + step 2 + eta100 to 1p4 + eta1p0 to 1p4 + eta1p0 to 1p4



N of simulated tracks vs pT



N of reco track vs pT

