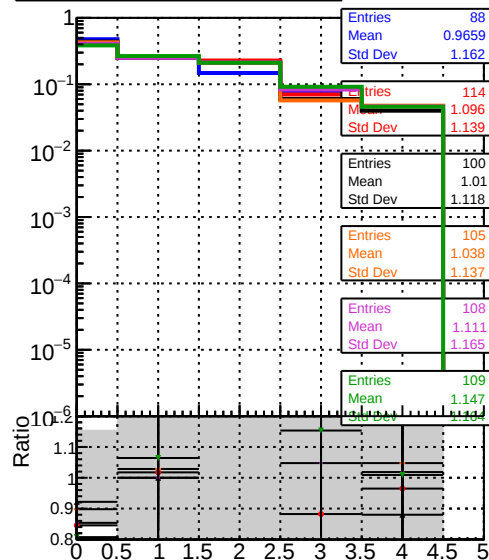
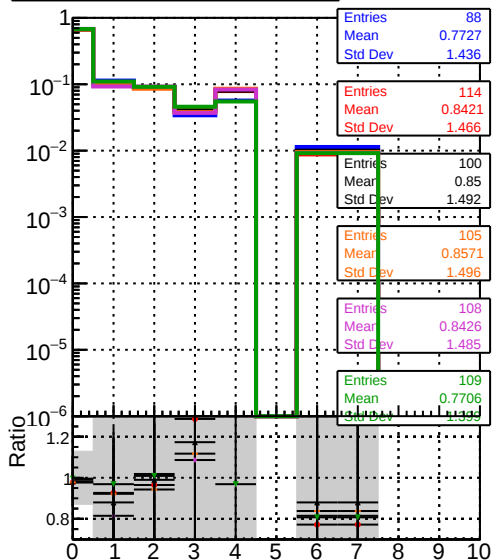


number of missing inner layers

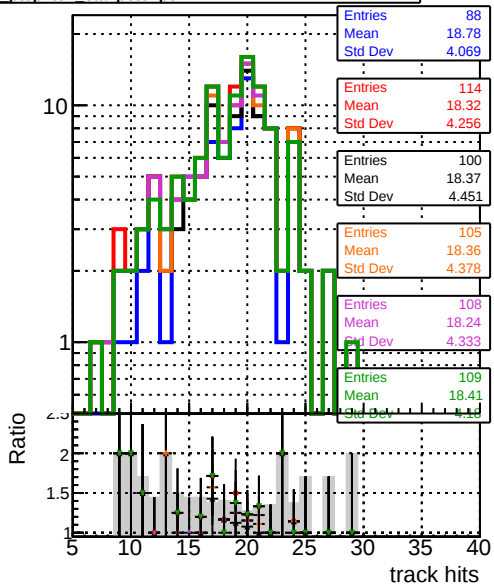
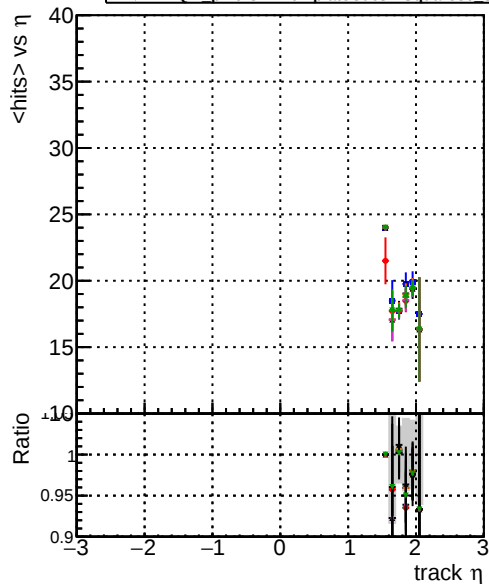
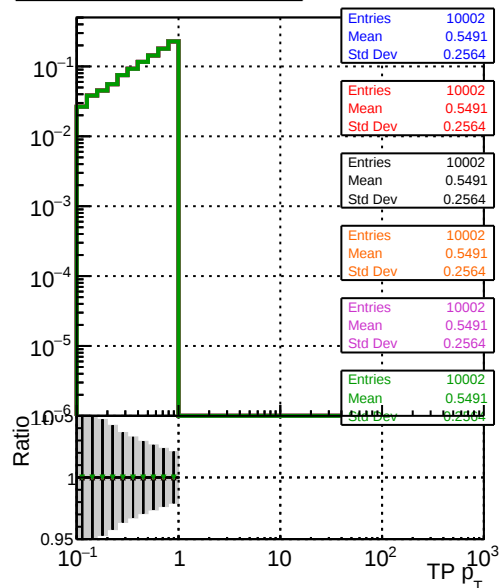


number of missing outer layers



Legend for mean hits vs η :

- blue: BGM original
- red: BGM original + step2
- green: BGM original + step2 + eta1p6to2p0
- orange: BGM original + step2 + eta1p6to2p0 + eta1p6to2p0
- purple: BGM original + step2 + eta1p6to2p0 + eta1p6to2p0 + eta1p6to2p0
- pink: BGM original + step2 + eta1p6to2p0 + eta1p6to2p0 + eta1p6to2p0 + eta1p6to2p0
- grey: BGM original + step2 + eta1p6to2p0 + eta1p6to2p0 + eta1p6to2p0 + eta1p6to2p0 + eta1p6to2p0

N of simulated tracks vs p_T N of reco track vs p_T 