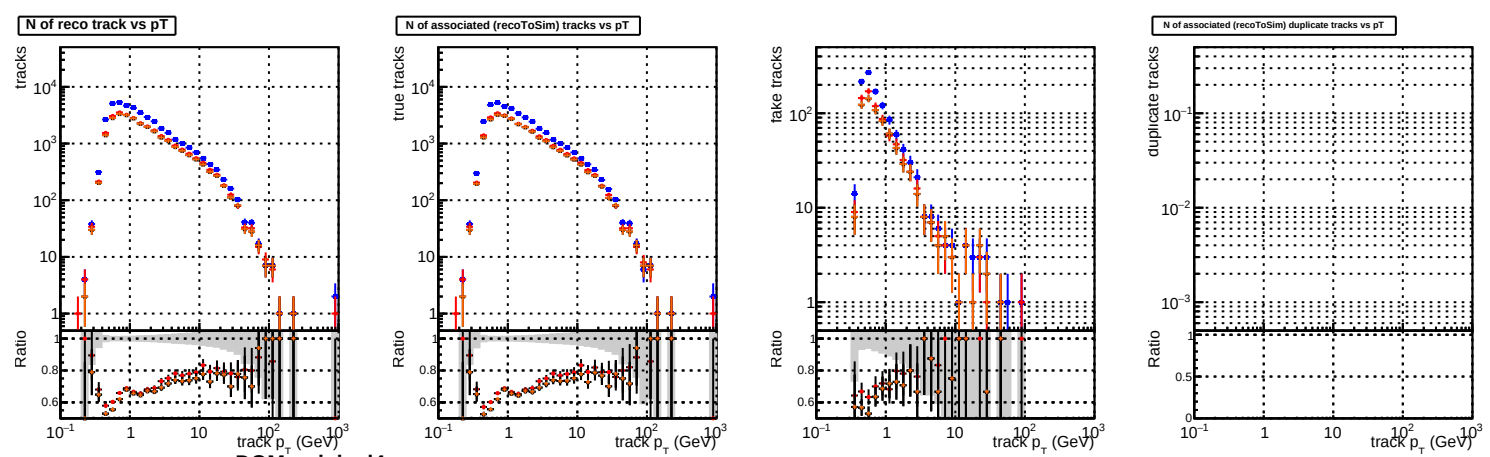




**N of reco track vs  $\eta$**

tracks

Ratio

track  $\eta$

**N of associated (recoToSim) tracks vs  $\eta$**

true tracks

Ratio

track  $\eta$

**fake tracks**

Ratio

track  $\eta$

**N of associated (recoToSim) duplicate tracks vs  $\eta$**

duplicate tracks

Ratio

track  $\eta$

Legend: **BQM original** (blue line with circles), **BQM test** (orange line with circles), **MKFit** (red line with circles), **InitialStepReso** (black line with circles), **InitialStepRes8** (black line with circles), **Chi2Oneway** (black line with circles).

