



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

**Legend:**

- BQM-original (blue line with circles)
- BQM-test (orange line with circles)
- BQM-fit (red line with circles)
- BQM-fit+initialStepReso (green line with circles)

