



Legend:

- Blue line: DQM original step2 pt1000 eta2p0to2p5
- Red line: DQM original step2 pt1000 eta2p0to2p5
- Green line: DQM original step2 pt1000 eta2p0to2p5
- Black line: DQM original step2 pt1000 eta2p0to2p5
- Yellow line: DQM original step2 pt1000 eta2p0to2p5
- Purple line: DQM original step2 pt1000 eta2p0to2p5
- Orange line: DQM original step2 pt1000 eta2p0to2p5
- Light blue line: DQM original step2 pt1000 eta2p0to2p5
- Light green line: DQM original step2 pt1000 eta2p0to2p5
- Light orange line: DQM original step2 pt1000 eta2p0to2p5
- Light purple line: DQM original step2 pt1000 eta2p0to2p5
- Light yellow line: DQM original step2 pt1000 eta2p0to2p5
- Light pink line: DQM original step2 pt1000 eta2p0to2p5
- Light cyan line: DQM original step2 pt1000 eta2p0to2p5
- Light magenta line: DQM original step2 pt1000 eta2p0to2p5
- Light brown line: DQM original step2 pt1000 eta2p0to2p5
- Light grey line: DQM original step2 pt1000 eta2p0to2p5
- Light blue line: DQM original step2 pt1000 eta2p0to2p5
- Light green line: DQM original step2 pt1000 eta2p0to2p5
- Light orange line: DQM original step2 pt1000 eta2p0to2p5
- Light purple line: DQM original step2 pt1000 eta2p0to2p5
- Light yellow line: DQM original step2 pt1000 eta2p0to2p5
- Light pink line: DQM original step2 pt1000 eta2p0to2p5
- Light cyan line: DQM original step2 pt1000 eta2p0to2p5
- Light magenta line: DQM original step2 pt1000 eta2p0to2p5
- Light brown line: DQM original step2 pt1000 eta2p0to2p5
- Light grey line: DQM original step2 pt1000 eta2p0to2p5

N of reco track vs eta

tracks

Ratio

1.00

1

0.8

0.6

-3 -2 -1 0 1 2 3

track η

N of associated (recoToSim) tracks vs eta

true tracks

Ratio

1.00

1

0.8

0.6

-3 -2 -1 0 1 2 3

track η

fake tracks

Ratio

10^{-1}

10^{-2}

10^{-3}

0

-3 -2 -1 0 1 2 3

track η

N of associated (recoToSim) duplicate tracks vs eta

duplicate tracks

Ratio

10^{-1}

10^{-2}

10^{-3}

0

-3 -2 -1 0 1 2 3

track η

