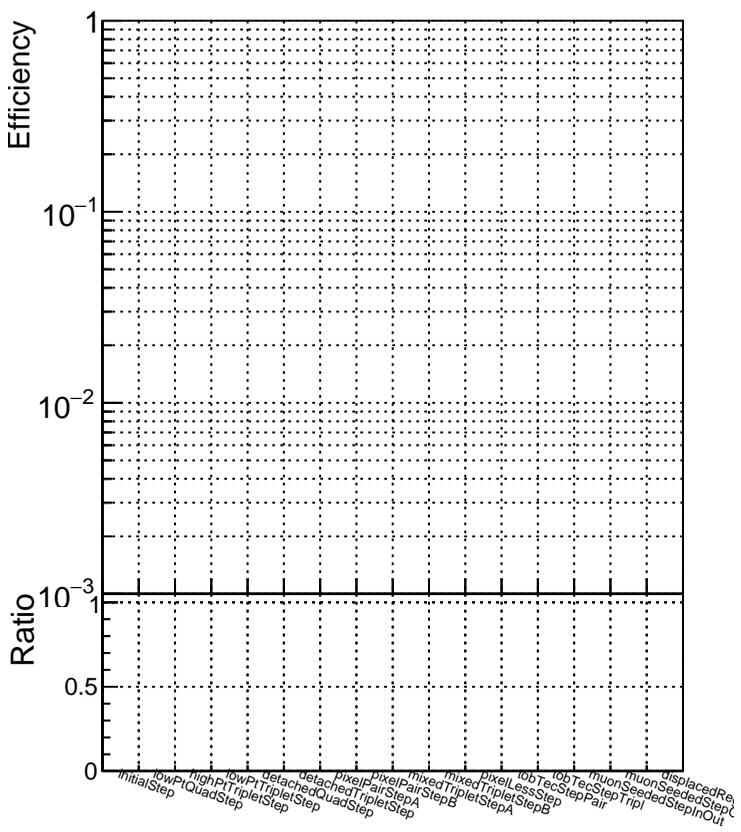
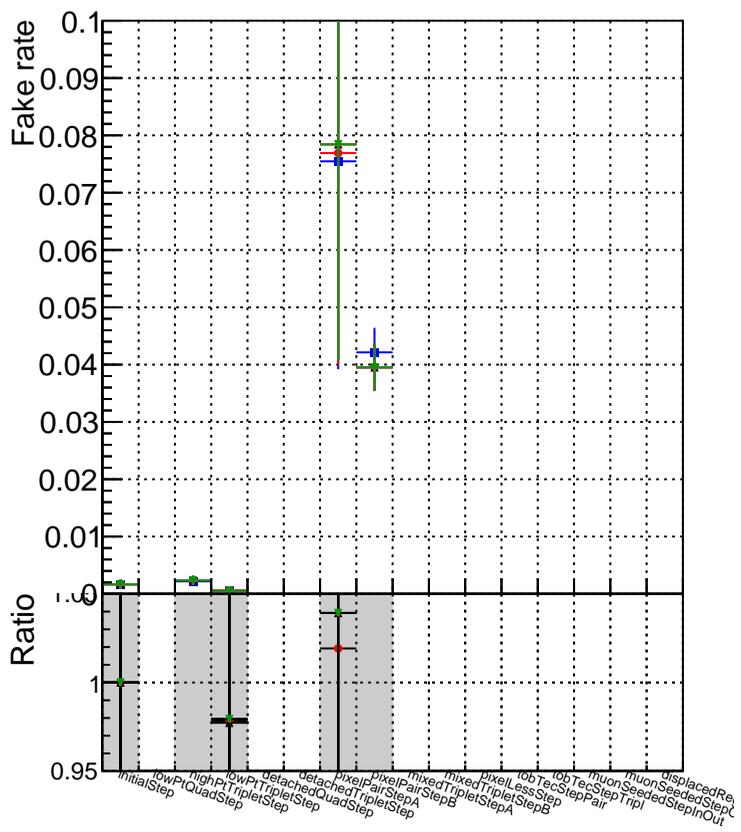


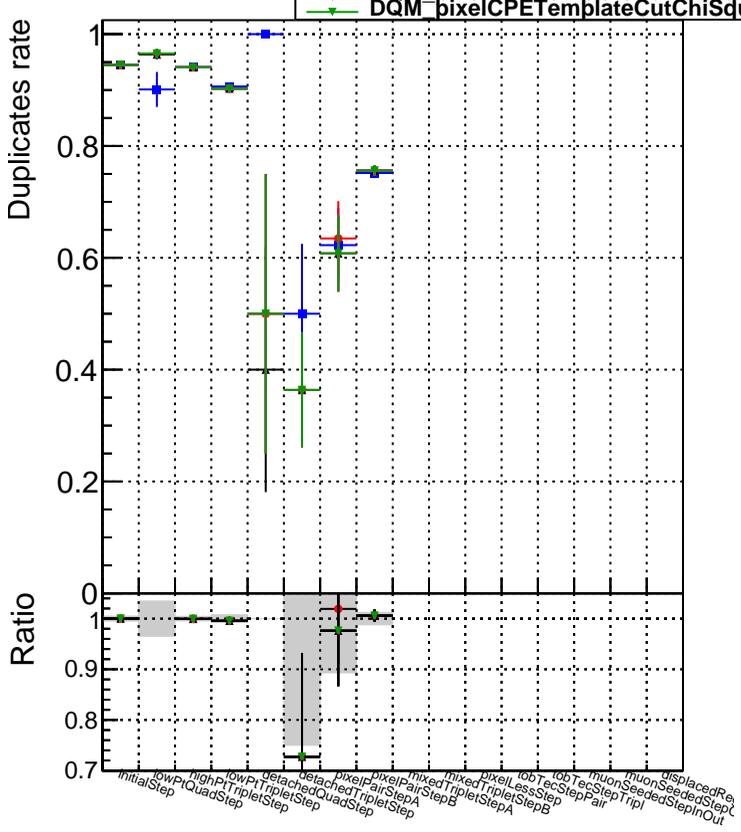
**Efficiency vs collection**



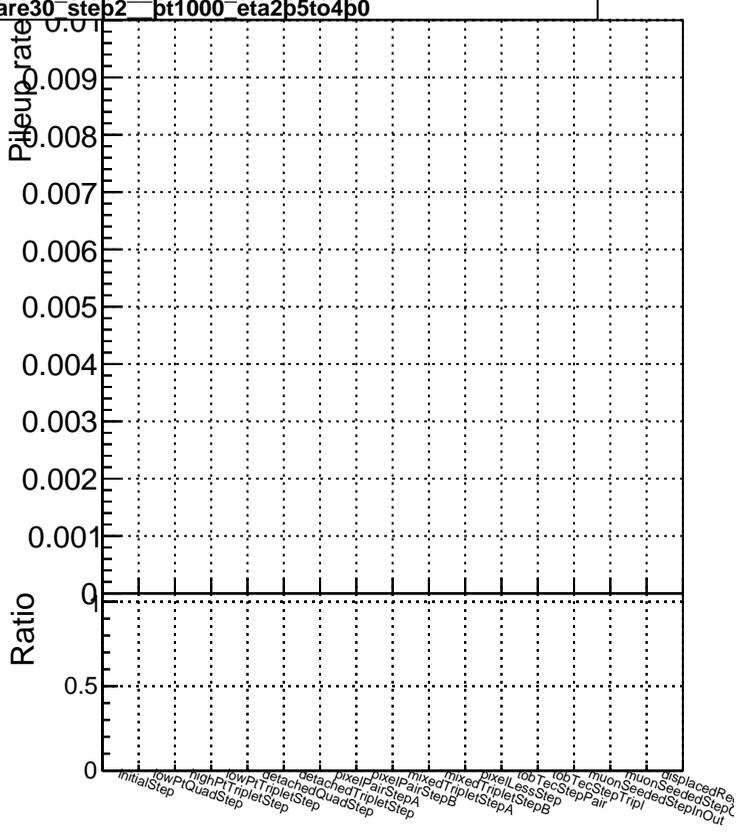
**Fakerate vs collection**



**Duplicates rate vs collection**



**Pileup rate vs collection**



- DQM original step2 pt1000 eta2p5to4p0
- DQM pixel CPE TemplateCutChiSquare10 step2 pt1000 eta2p5to4p0
- DQM pixel CPE TemplateCutChiSquare15 step2 pt1000 eta2p5to4p0
- DQM pixel CPE TemplateCutChiSquare20 step2 pt1000 eta2p5to4p0
- DQM pixel CPE TemplateCutChiSquare30 step2 pt1000 eta2p5to4p0