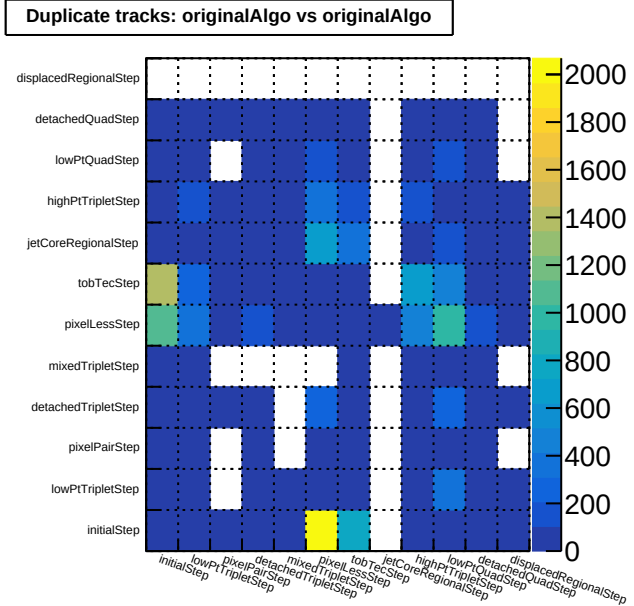
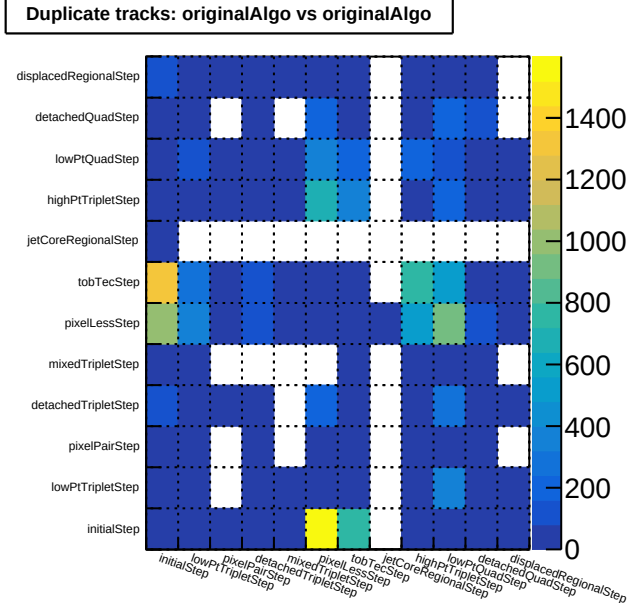


[illegible]

Duplicate tracks: originalAlgo vs originalAlgo

Heatmap showing the number of duplicate tracks between various steps of the original algorithm. The color scale ranges from 0 (dark blue) to 1600 (yellow). The diagonal is white, indicating zero duplicates. High values are seen for 'initialStep' vs 'pixelLessStep' and 'pixelPairStep'.



Duplicate tracks: originalAlgo vs originalAlgo

Heatmap showing the number of duplicate tracks (Y-axis) for various processing steps (X-axis) compared to the original algorithm (Y-axis). The color scale ranges from 0 (dark blue) to 1600 (yellow). The diagonal is white, indicating zero duplicates for self-comparisons.

Processing steps (X-axis): initialStep, lowPtTripletStep, pixelPairStep, detachedTripletStep, mixedTripletStep, pixelLessStep, tobTecStep, jetCoreRegionalStep, highPtTripletStep, lowPtQuadStep, detachedQuadStep, displacedRegionalStep.

Processing steps (Y-axis): displacedRegionalStep, detachedQuadStep, lowPtQuadStep, highPtTripletStep, jetCoreRegionalStep, tobTecStep, pixelLessStep, mixedTripletStep, detachedTripletStep, pixelPairStep, lowPtTripletStep, initialStep.