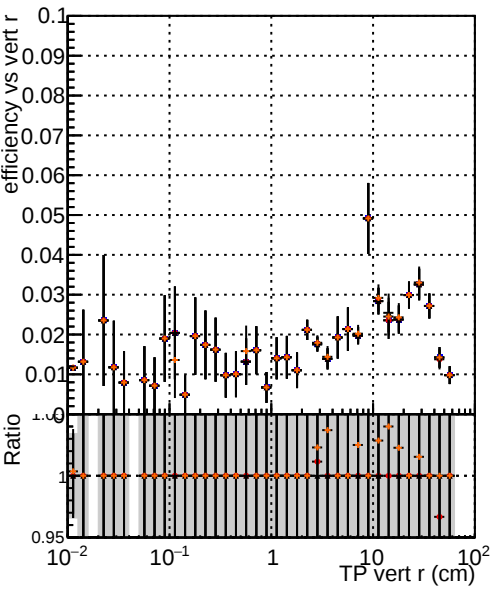


Efficiency vs vertpos



Efficiency

7data2/legianni/pareto-opt/restart/CMSSW_14_0_5/src/MTV-plot/DQM_TT_original_PU

DQM_TT_trainAll2_PU

DQM_TT_trainAll2pth_PU

DQM_TT_trainAll2ptl_PU

This plot shows the efficiency of a selection process as a function of the longitudinal impact parameter, z , in centimeters. The x-axis is on a linear scale ranging from -30 to 30 cm. The y-axis represents the efficiency, ranging from 0.0 to 0.1. Data points are shown as orange diamonds with vertical error bars. A horizontal line at a ratio of 1.0 is shown for reference. The plot is divided into two regions by a vertical dashed line at $z \approx 0$ cm. The efficiency is generally low, fluctuating between 0.01 and 0.03, with a notable peak around $z \approx -20$ cm.

Efficiency vs. sim PV z

This plot shows the efficiency of a selection process as a function of the simulated primary vertex z , in centimeters. The x-axis is on a linear scale ranging from -20 to 20 cm. The y-axis represents the efficiency, ranging from 0.0 to 0.05. Data points are shown as orange diamonds with vertical error bars. A horizontal line at a ratio of 1.0 is shown for reference. The plot is divided into two regions by a vertical dashed line at $z \approx 0$ cm. The efficiency is generally low, fluctuating between 0.005 and 0.015, with a notable peak around $z \approx 15$ cm.