

Figure 10 consists of two vertically stacked plots sharing a common x-axis labeled 'TP dxy (cm)' ranging from -25 to 25. The top plot shows 'efficiency vs dxy' on the y-axis, ranging from 0.002 to 0.02. It features a vertical line at dxy = 0 with a shaded region around it, and several data points (red, blue, and black) clustered around dxy = 0. The bottom plot shows 'Ratio' on the y-axis, ranging from 1 to 1.2. It also features a vertical line at dxy = 0 with a shaded region, and data points (red, blue, and black) clustered around dxy = 0.

Figure 10 consists of two panels. The top panel shows the efficiency of the DQM CKF QCDHighPt retraining as a function of the distance dz (cm). The x-axis is labeled 'TP dz (cm)' and ranges from -30 to 30. The y-axis is labeled 'efficiency vs dz' and ranges from 0 to 0.2. Data points are shown as red circles with vertical error bars. The efficiency is approximately 0.035 at $dz = 0$, 0.025 at $dz = 1$, 0.035 at $dz = 2$, and 0.125 at $dz = 11$. The bottom panel shows the ratio of the retraining efficiency to the baseline efficiency as a function of dz (cm). The x-axis is the same as the top panel. The y-axis is labeled 'Ratio' and ranges from 1 to 1.4. Data points are shown as red circles with vertical error bars. The ratio is approximately 1.0 at $dz = 0$, 1.05 at $dz = 1$, 1.05 at $dz = 2$, and 1.0 at $dz = 11$.

 DQM_CKF_QCDHighPt_base
 DQM_CKF_QCDHighPt_retrainOldFiles125_v2_prelimWPM_epoch3