

Figure 10 is a plot showing the ratio of the efficiency of the TP detector to the efficiency of the detector without the TP detector as a function of the TP dxy (cm). The x-axis ranges from -25 to 25 cm, and the y-axis ranges from 0.95 to 1.05. Data points are shown for different TP dxy values, with error bars indicating the uncertainty. The ratio is generally close to 1.0, with some fluctuations.