

Figure 1 consists of two vertically stacked plots sharing a common x-axis labeled "TP dz (cm)" ranging from -30 to 30. The top plot shows "efficiency vs dz" on the y-axis, ranging from 0.005 to 0.05. It displays red data points with vertical error bars, representing the efficiency of the selection as a function of the distance from the primary vertex. The bottom plot shows the "Ratio" on the y-axis, ranging from 0.95 to 1.0. It features a horizontal line at 1.0, with shaded vertical regions indicating the uncertainty or variation of the ratio across the TP dz range.