

Figure 10 is a plot showing the fake+duplicates rate vs. dx_y for the 2016 data. The x-axis is labeled "track dx_y (cm)" and ranges from -25 to 25. The y-axis is labeled "Ratio" and ranges from 0.95 to 0.1. The plot shows data points for three different dx_y ranges: $-1 < dx_y < 1$ cm (red diamonds), $1 < dx_y < 2$ cm (blue squares), and $2 < dx_y < 3$ cm (black circles). Vertical lines indicate the boundaries of these ranges. The rate increases significantly as dx_y increases, especially for the $2 < dx_y < 3$ cm range.

