

Figure 1 consists of two panels. The top panel is a log-linear plot of 'fake tracks' (y-axis, logarithmic scale from 10^3 to 10^6) versus 'track dxy (cm)' (x-axis, linear scale from -25 to 25). The data points are red squares, and a black line represents a fit. The distribution is peaked at $dxy = 0$ with a value of approximately 10^6 . The bottom panel is a linear plot of χ^2 (y-axis, linear scale from 0.95 to 1.0) versus 'track dxy (cm)' (x-axis, linear scale from -25 to 25). The data points are black circles, and a red line represents a fit. The χ^2 value is mostly constant at 1.0, with a slight dip to approximately 0.98 at $dxy = 0$.

Figure 1 is a plot showing the ratio of fake tracks to total tracks as a function of track dz (cm). The y-axis is logarithmic, ranging from 10^4 to 10^6 . The x-axis ranges from -30 to 30 cm. The ratio is approximately 10^5 for $|dz| < 20$ cm and drops to about 10^4 for $|dz| > 20$ cm. A horizontal line at Ratio = 1 is shown for reference.