

Figure 10 is a plot showing the ratio of fake tracks to track  $\chi^2$  versus track  $\chi^2$ . The y-axis is labeled "Ratio" and ranges from 0.95 to 1.0. The x-axis is labeled "track  $\chi^2$ " and ranges from 0 to 20. The plot shows a sharp peak at  $\chi^2 = 0$  and a constant ratio of approximately 0.99 for  $\chi^2 > 0$ .

