

Figure 1 is a log-linear plot showing the ratio of duplicate tracks to total tracks as a function of track χ^2 . The y-axis is labeled 'Ratio' and ranges from 0.95 to 10^4 on a logarithmic scale. The x-axis is labeled 'track χ^2 ' and ranges from 0 to 20. The data points show a sharp peak at $\chi^2 = 0$ and then level off around a ratio of 1.0 for χ^2 values greater than 2.

Figure 1 consists of two panels. The top panel is a scatter plot with 'duplicate tracks' on the y-axis (logarithmic scale from 10^2 to 10^3) and 'Ratio' on the x-axis (linear scale from 0.95 to 1.05). The plot shows a dense distribution of black dots, with several distinct clusters of red dots. The bottom panel is a bar chart showing the distribution of 'Ratio' values, with a red line indicating the mean ratio.