

A scatter plot showing the relationship between $\log_{10}(L/L_{\odot})$ (Y-axis) and time [MJD] (X-axis). The X-axis ranges from 56300 to 57400, and the Y-axis ranges from 2.5 to 5.5. The data points are categorized into two groups: 'i' (purple dots) and 'z' (cyan dots). The plot displays three distinct clusters of points, suggesting different phases or states of the system over time. A legend in the top left corner identifies the two groups.

