

A scatter plot showing the evolution of $\log_{10}(L/L_{\odot})$ over time [MJD] for two groups of stars, labeled 'i' (purple) and 'z' (cyan). The x-axis ranges from 56300 to 57400 MJD, and the y-axis ranges from 2.5 to 4.5. The plot shows several distinct clusters of points, indicating periods of high activity or specific evolutionary stages. The 'i' group generally shows higher luminosity than the 'z' group, especially in the later stages of the plot.

