

A scatter plot showing the magnitude of an object over time, measured in Modified Julian Days (MJD). The x-axis represents time [MJD] from 5630 to 5740, and the y-axis represents magnitude from 12 to 22. The data is categorized by filter: g (purple), r (blue), i (green), and z (orange). The plot displays four distinct clusters of points, corresponding to the four filters, with the z filter generally having the highest magnitude and the g filter the lowest. A legend in the top right corner identifies the filters.

