

Figure 1 consists of three vertically stacked panels sharing a common x-axis representing the UT Date from 2015/18 to 22.

- Top Panel:** Shows the ion flux $\#/(cm^2 s sr MeV/n.)$ on a logarithmic y-axis ranging from 10^{-3} to 10^2 . Three data series are plotted: 4He (red line), O (green line), and Fe (blue line). The 4He flux shows a significant peak around 2015/19. The O and Fe fluxes show smaller peaks at similar times.
- Middle Panel:** A scatter plot of Mass (AMU) on a logarithmic y-axis (from 1 to 100) versus UT Date. Data points are color-coded by counts/bin, with a color bar on the right labeled "4666 events" ranging from 1 (blue) to 8 (red). The plot shows a dense distribution of points, with a notable cluster around 2015/19.
- Bottom Panel:** A scatter plot of $1/Ion Speed (hour/AU)$ on a linear y-axis (from 0 to 20) versus UT Date. Data points are color-coded by counts/bin, with a color bar on the right labeled "6354 events" ranging from 1 (blue) to 5 (red). The plot shows a dense distribution of points, with a notable cluster around 2015/19. Diagonal lines are drawn across the plot to indicate specific speed values.