The graph shows the magnitude of the Fourier modes in Log10 scale over time. The modes are labeled as $m=1$, $m=2$, and $m=3$. The X-axis represents time, ranging from 0 to 30, while the Y-axis represents the magnitude on a Log10 scale, ranging from $\log_{10}(-20)$ to $\log_{10}(-0)$. The curves for $m=1$, $m=2$, and $m=3$ are distinguishable, with $m=1$ being the most linear and $m=3$ showing more complex behavior, including oscillations and jumps.