The diagram shows the brGDGT flux (ng m$^{-2}$ day$^{-1}$) over different days for various depths:

- **6 m (a)**: The flux increases sharply over 36 days, peaking at around 0.8 ng m$^{-2}$ day$^{-1}$.
- **12 m (b)**: The flux shows a similar pattern, but with a peak around 0.4 ng m$^{-2}$ day$^{-1}$.
- **18 m (c)**: The flux rises to a peak of around 0.8 ng m$^{-2}$ day$^{-1}$, similar to the 6 m depth.
- **24 m (d)**: The flux peaks at around 16 ng m$^{-2}$ day$^{-1}$.
- **30 m (e)**: The flux peaks at approximately 16 ng m$^{-2}$ day$^{-1}$.

The time periods covered include June and July SPM (SPM), September SPM, and January SPM.

The dataset includes measurements at different depths and time points, indicating significant variability in brGDGT flux over time and depth.