

## 2.1 Levels of data processing

TESS provides several data levels for those investigating time series phenomena. Users should choose which they desire depending on their scientific needs. The highest level, most processed light curves are ready to search for exoplanets. However, this can remove some of the astrophysical signals. Scientists wanting to study stellar variability may choose to use the conditioned light curve, the Simple Aperture Photometry light curve, or perform their own detrending. The conditioned light curves (PDCSAP\_FLUX column) attempt to remove systematic instrumental variations by fitting and removing those signals that are common to all stars on the same CCD. However, this fitting method is sometimes known to remove true astrophysical signals, forcing the user to revert to an earlier data level. For instance, the user can start with the pixel-level data or choose a different method to remove the instrumental systematics from the flux time series.

