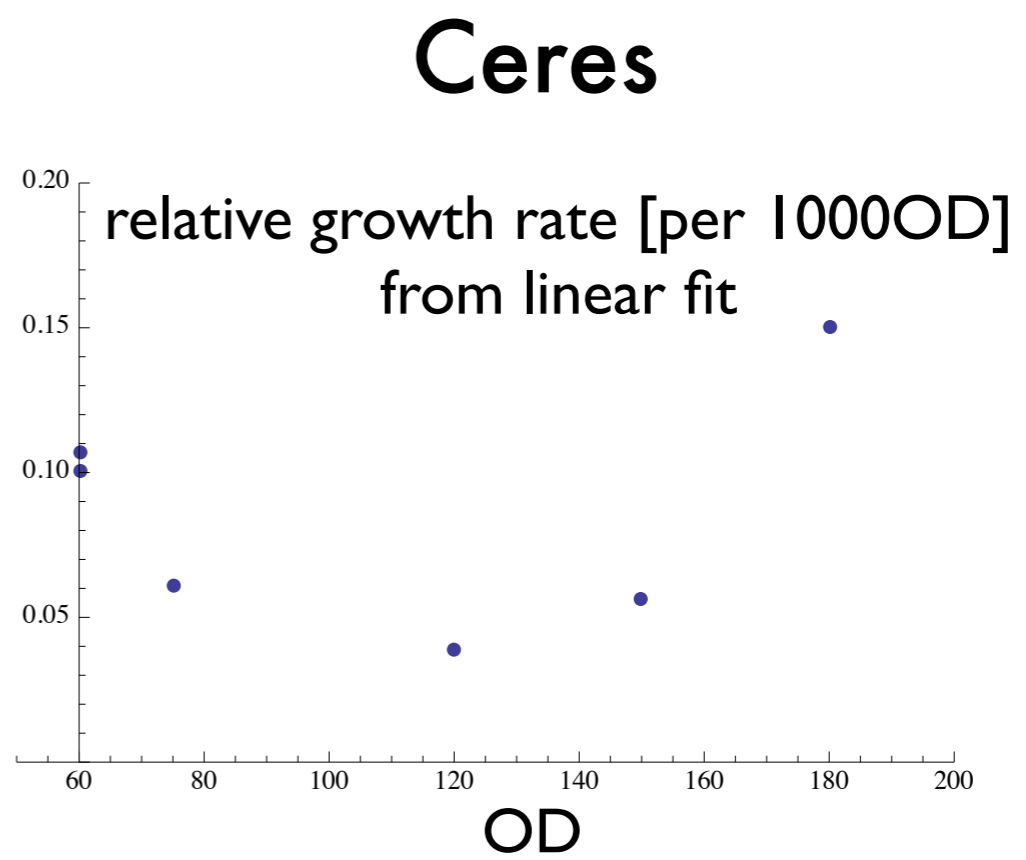
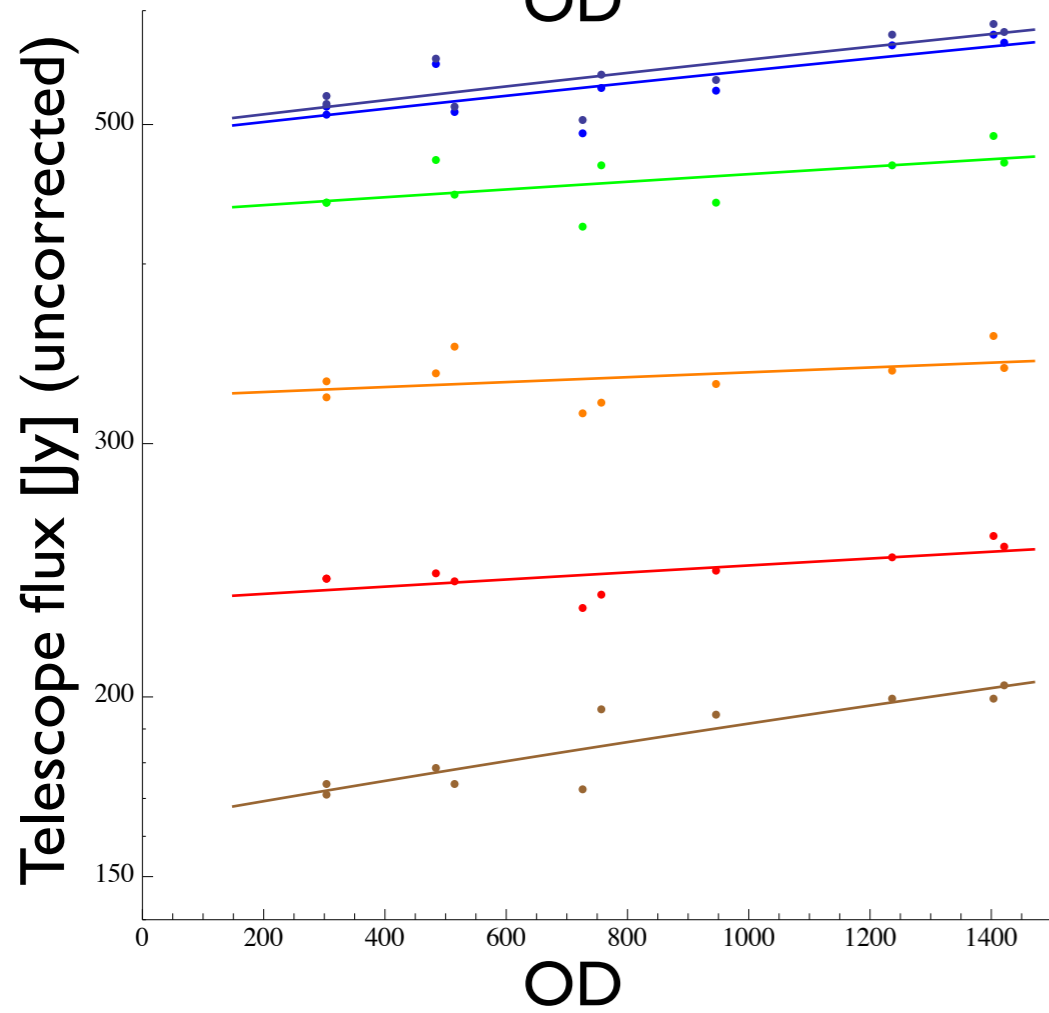
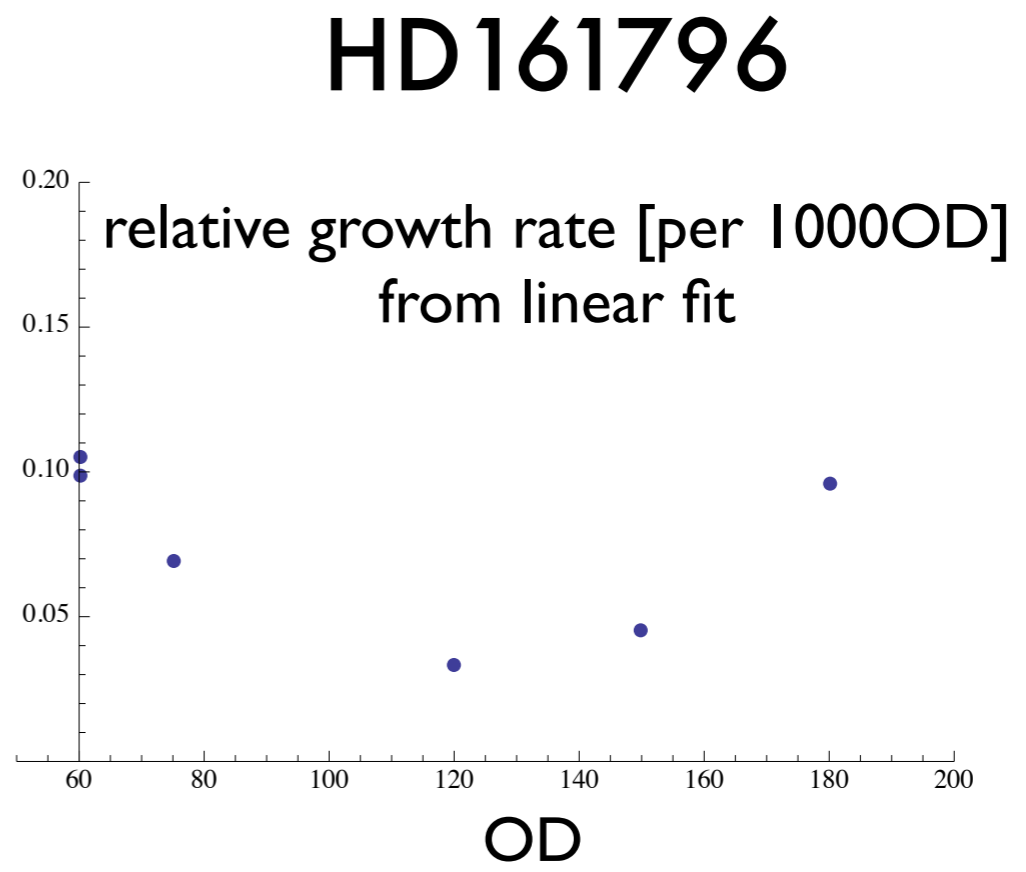
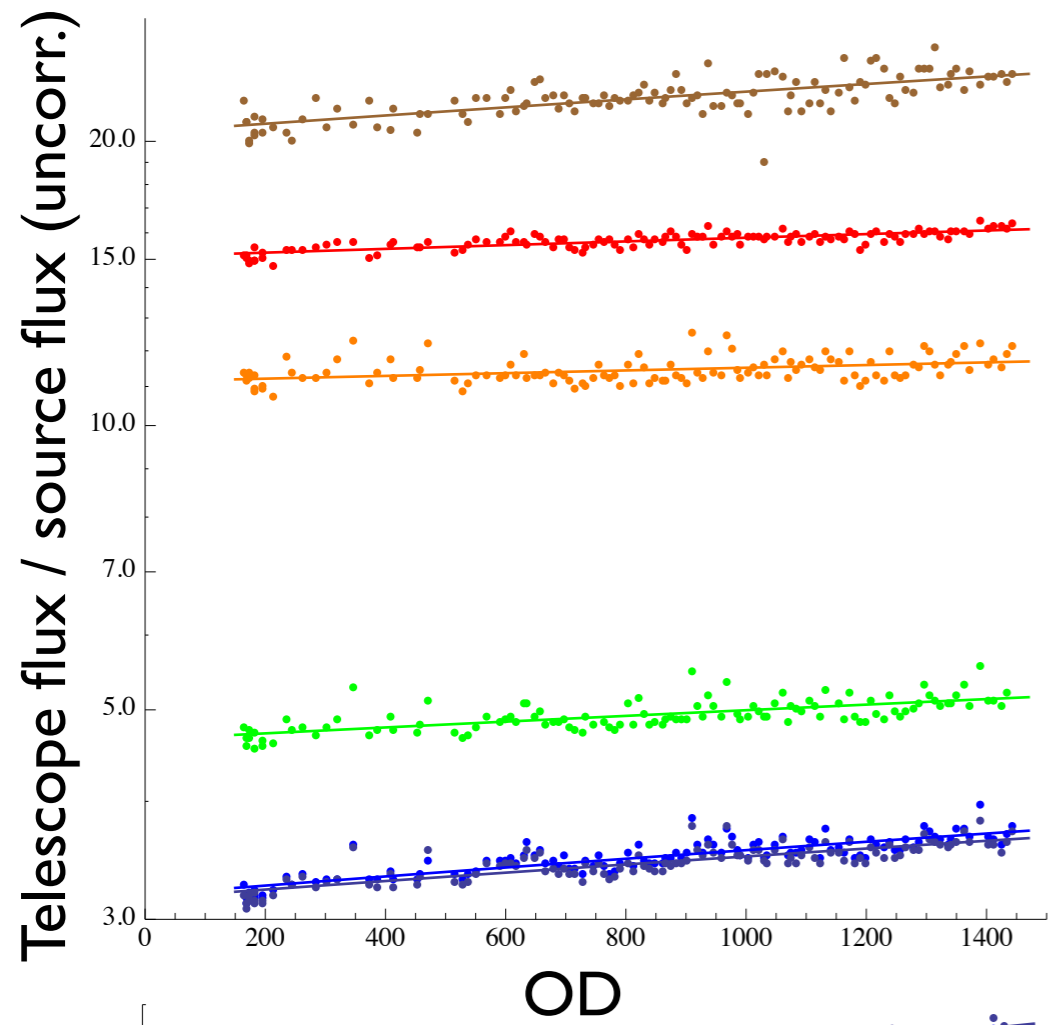
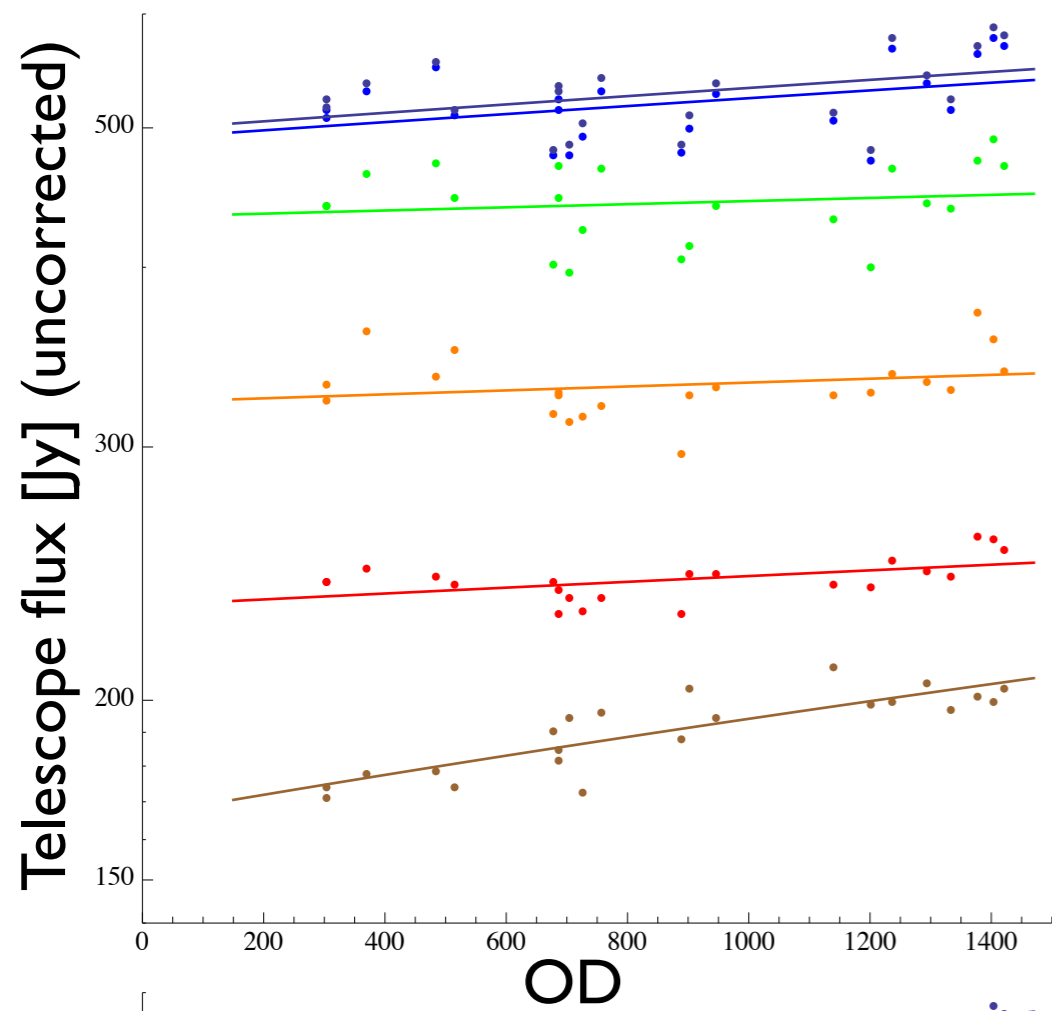


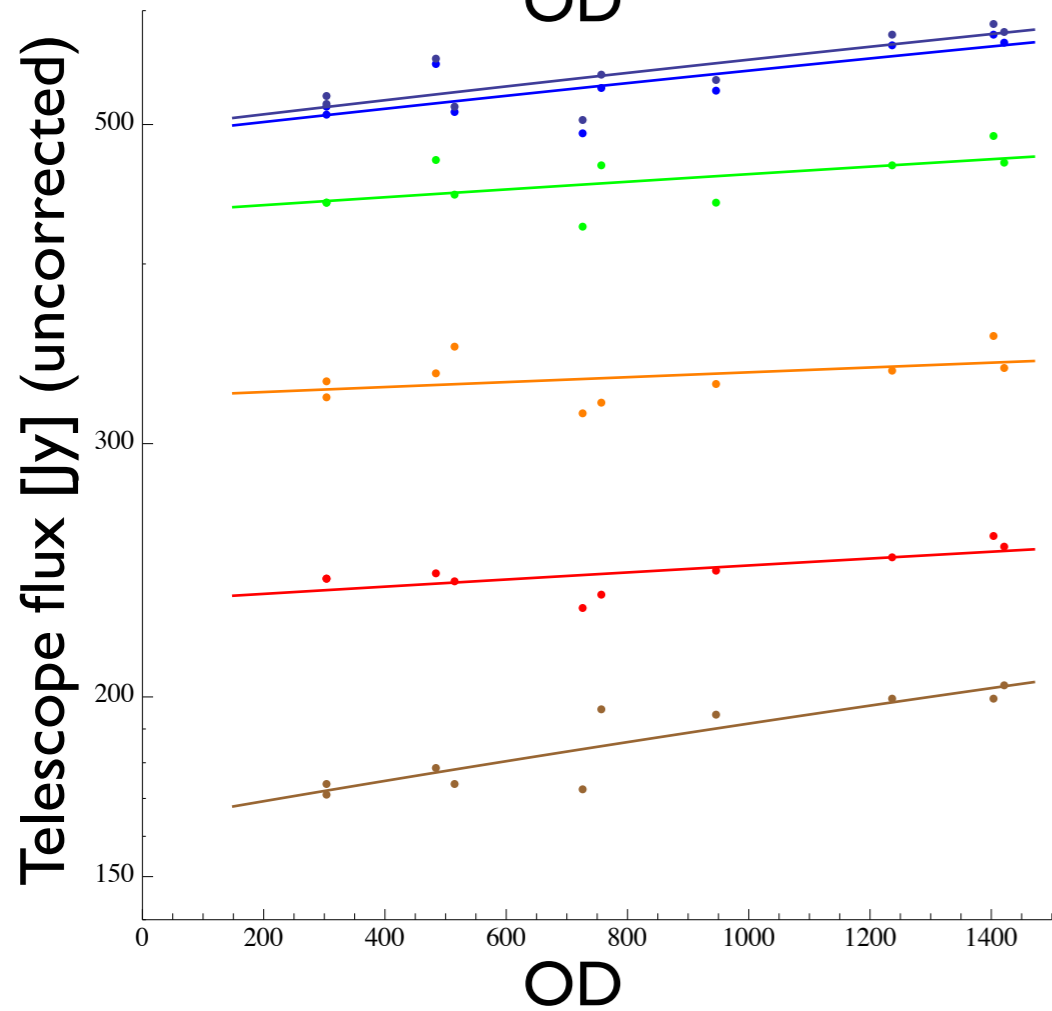
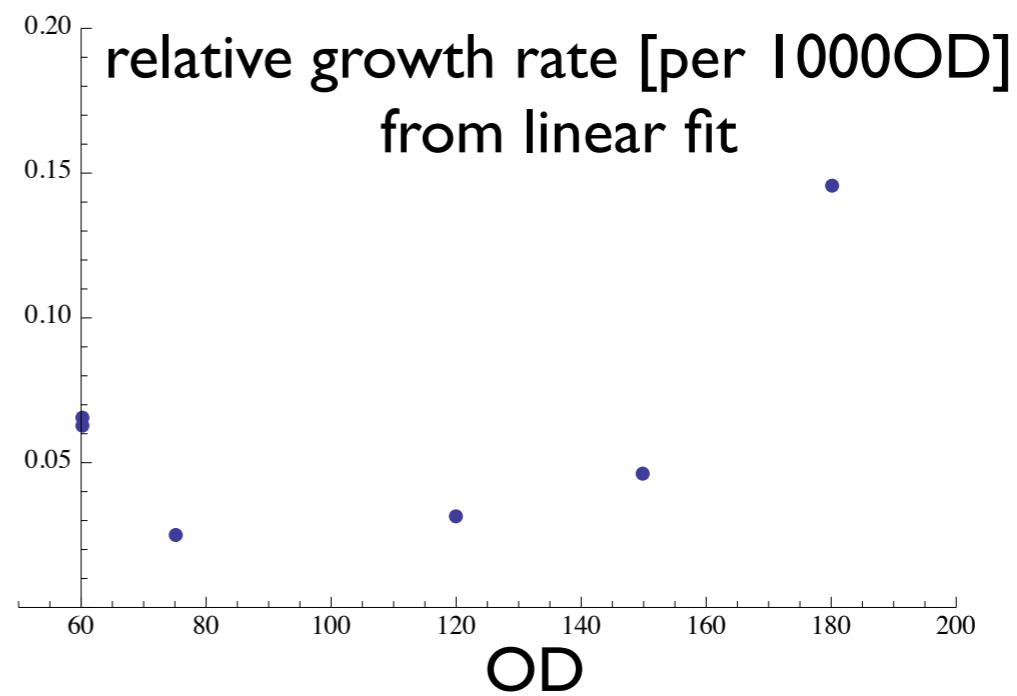
Evolution of Telescope Background with Time (OD)

- Best sampling with HD161796, no absolute flux
 - Express telescope in units of source (3x3 co-added, no pointing or point source correction)
- Second-best sampling with Ceres, variable flux, absolute (model T.M.)
 - Express telescope in Jy from source flux (3x3 co-added, no pointing or point source correction)
- Combine Ceres, Pallas, Vesta - more points, larger spread in flux, absolute (model T.M.)
- Express evolution as linear growth (change per 1000 ODs as fraction of mean flux over mission), for each wavelength (60, 75, 120, 150, 180 μ m)

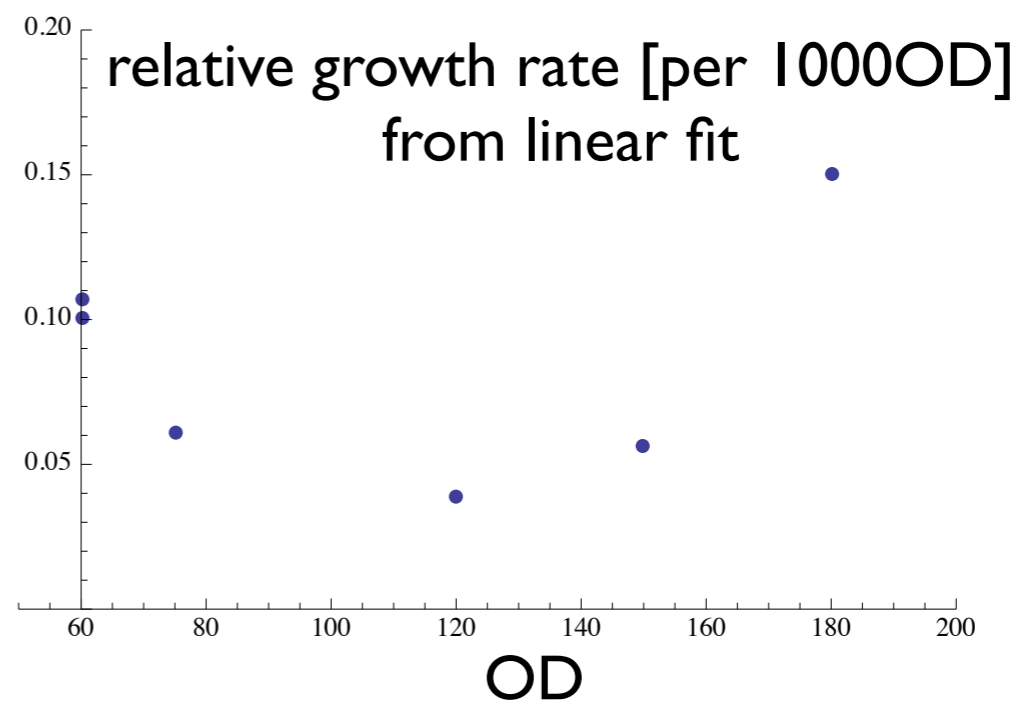




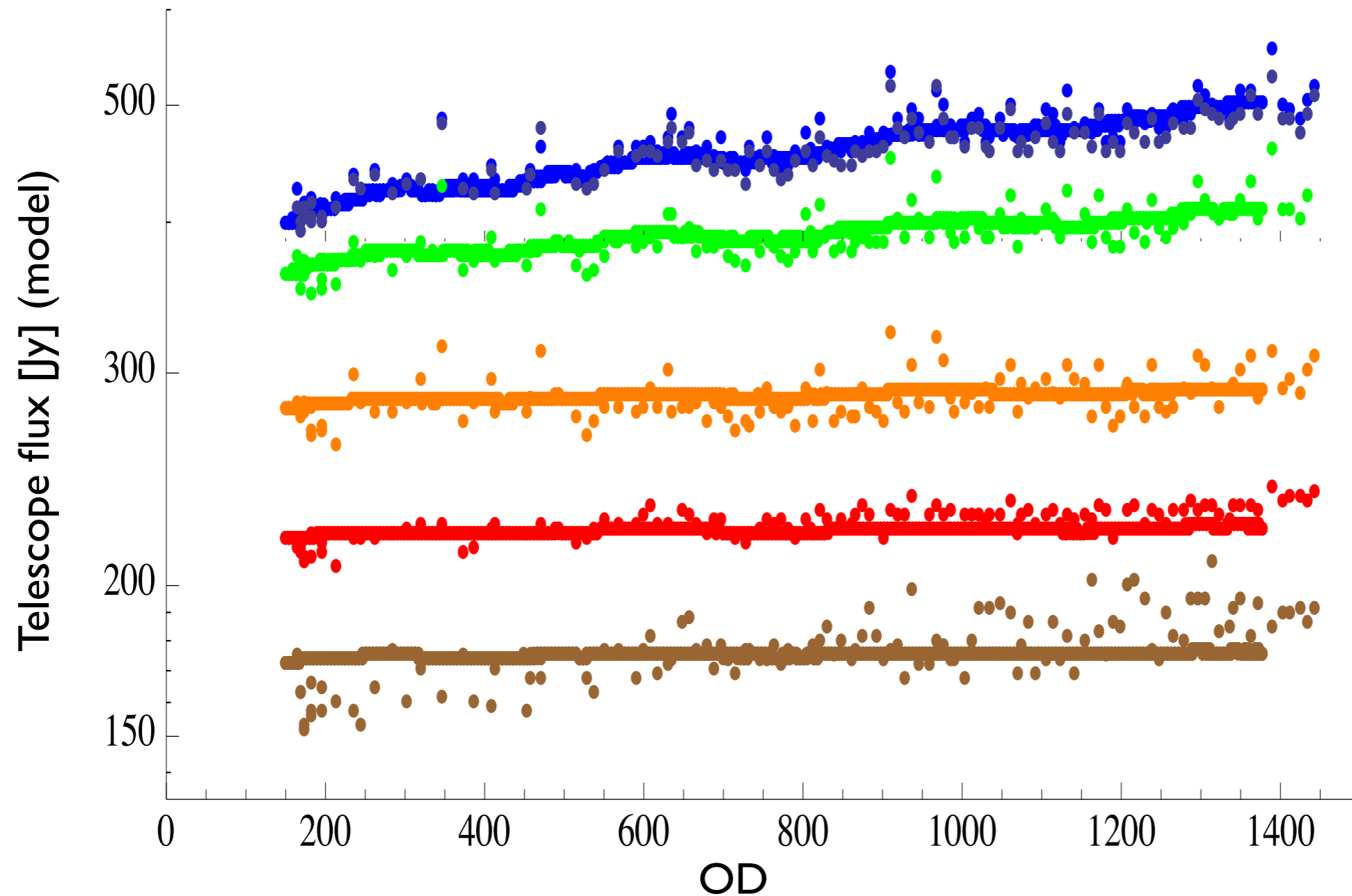
Ceres, Pallas, Vesta (combined)



Ceres

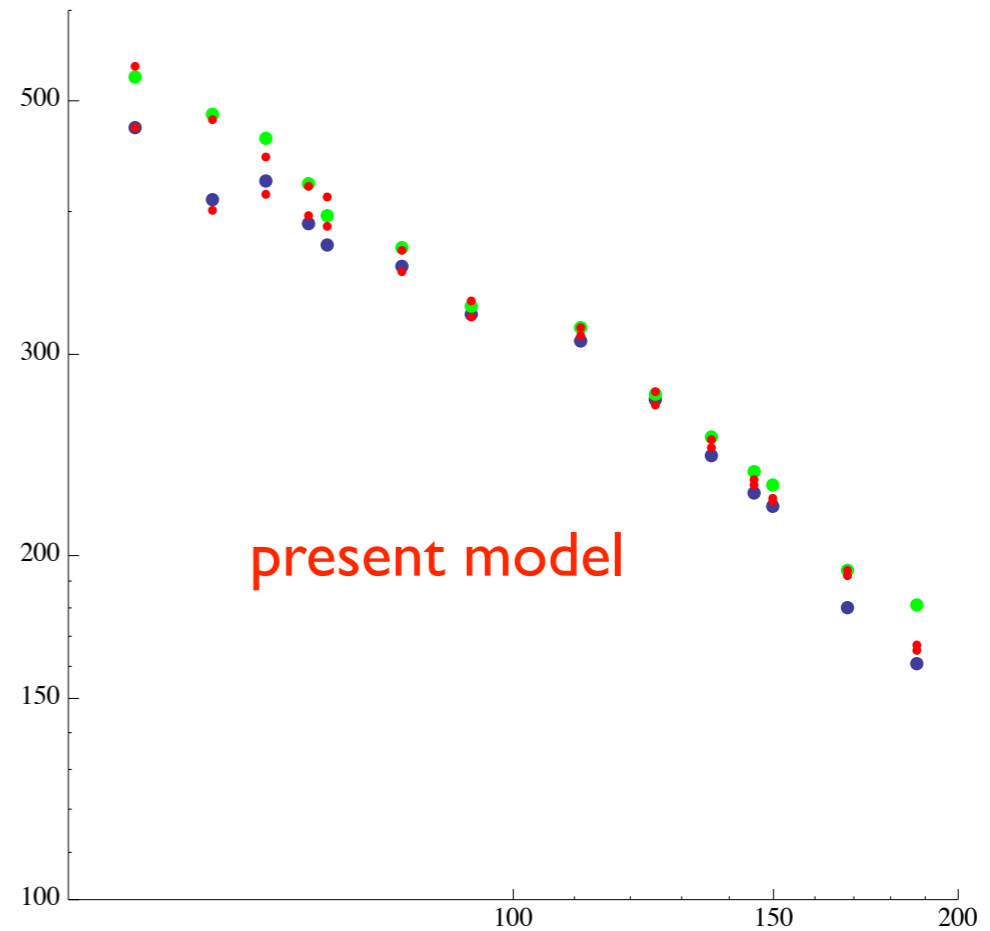
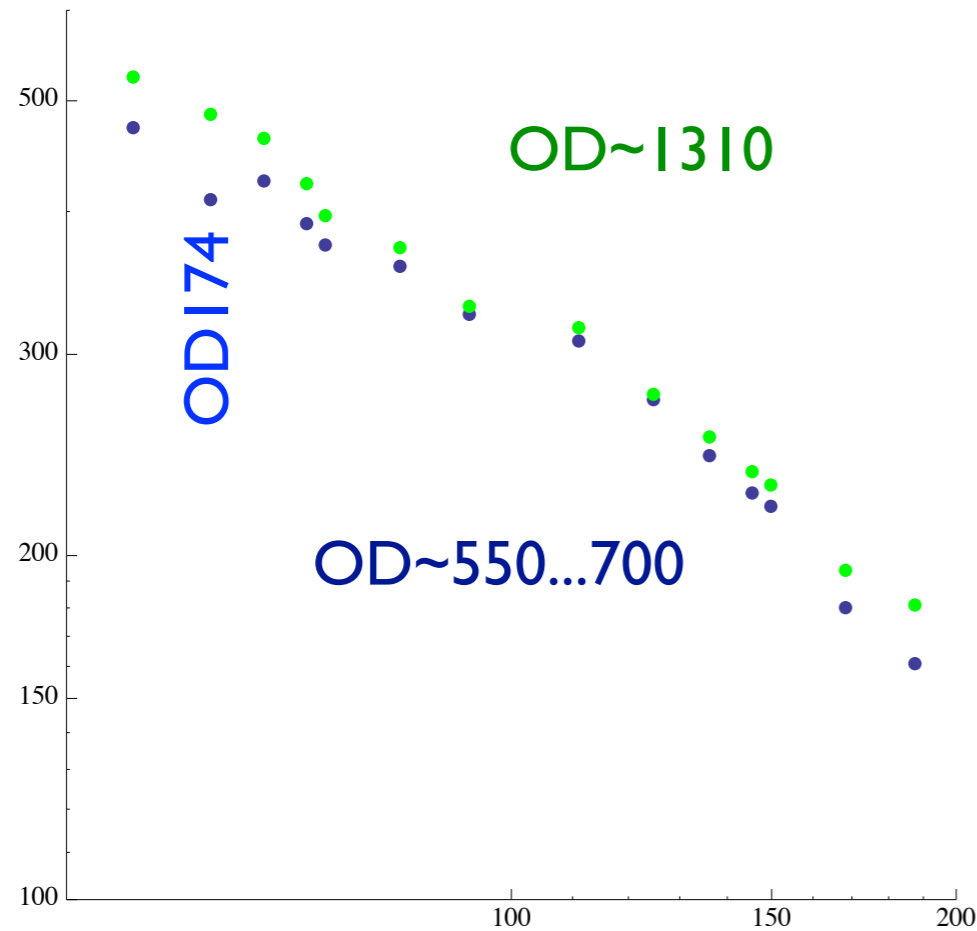


HD161796, shifted to line up with telescope model



Present telescope model does not reproduce evolution at $\lambda > 120\mu\text{m}$ correctly!

Telescope SED



- There seem to be some “undulations” in the SED, which the model cannot reproduce.
- Could that be (partly) introduced by our point source correction?
- Need Neptune (et al.) SEDs; then correct telescope (how?) model but leave point source correction alone (?)