

Throughput and Background Performance Budgets

Strategy:

- Building 0.3-5.0 μm spectral model of emissions and transmission of each component in optical system (sky, telescope, AO relay).
- Product: Transmission (as a function of wavelength, and averaged over bands) and background flux (spectrum in photons $\text{s}^{-1} \text{arcsec}^{-2} \text{nm}^{-1}$ and magnitudes arcsec^{-2} over bands) to each focal plane.

