

SED

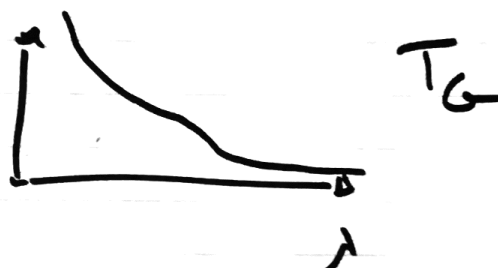
* Source + IGM

$$f_{\lambda}(\lambda) = \text{SED}$$

(as seen on top of Milky Way)

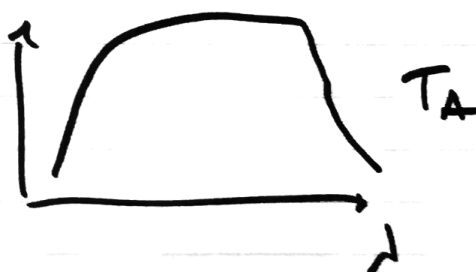
----- Milky Way

Galactic extinction

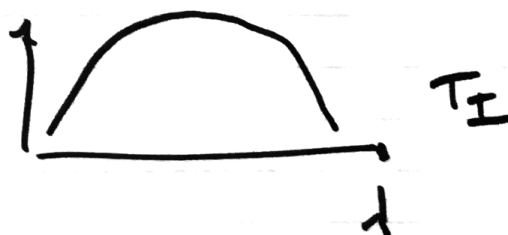


----- Atmosphere

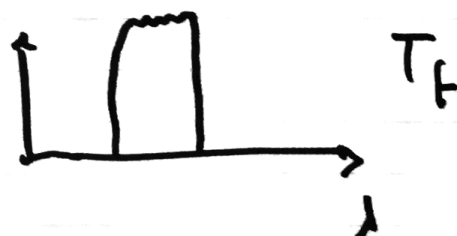
Atmospheric transmission



Optics + mirror + QE (+ vignetting)



Filter 1 Filter 2 Filter 3



Response function $r(\lambda) = T_G(\lambda) \times T_A(\lambda) \times T_O(\lambda) \times T_F(\lambda)$

RESPONSE FUNCTION