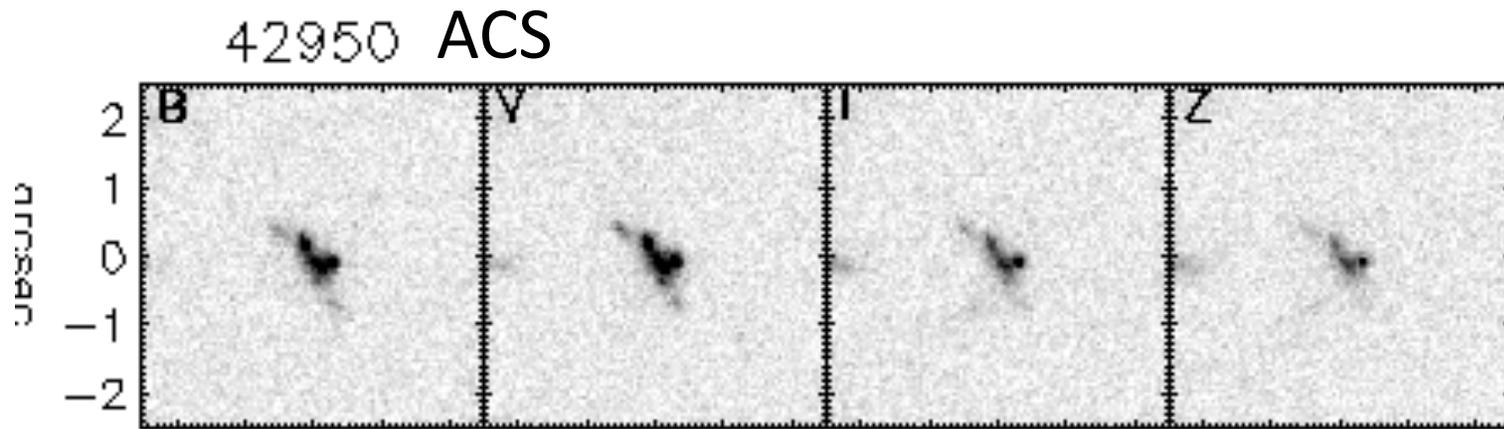
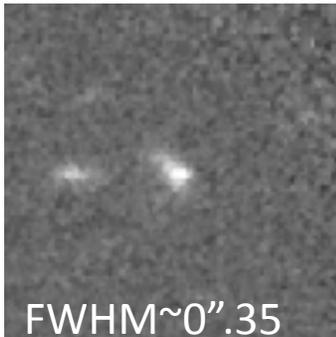


$z \sim 2$ galaxy at GOODS-S

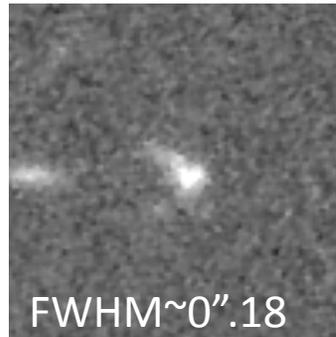
- $z=2.158$ galaxy ($K \sim 23.27$)



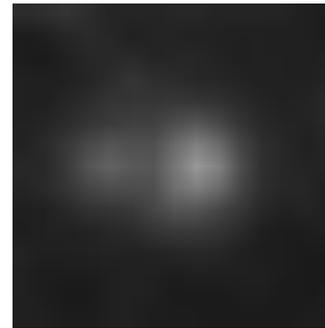
NICMOS F160W



WFC3 F160W

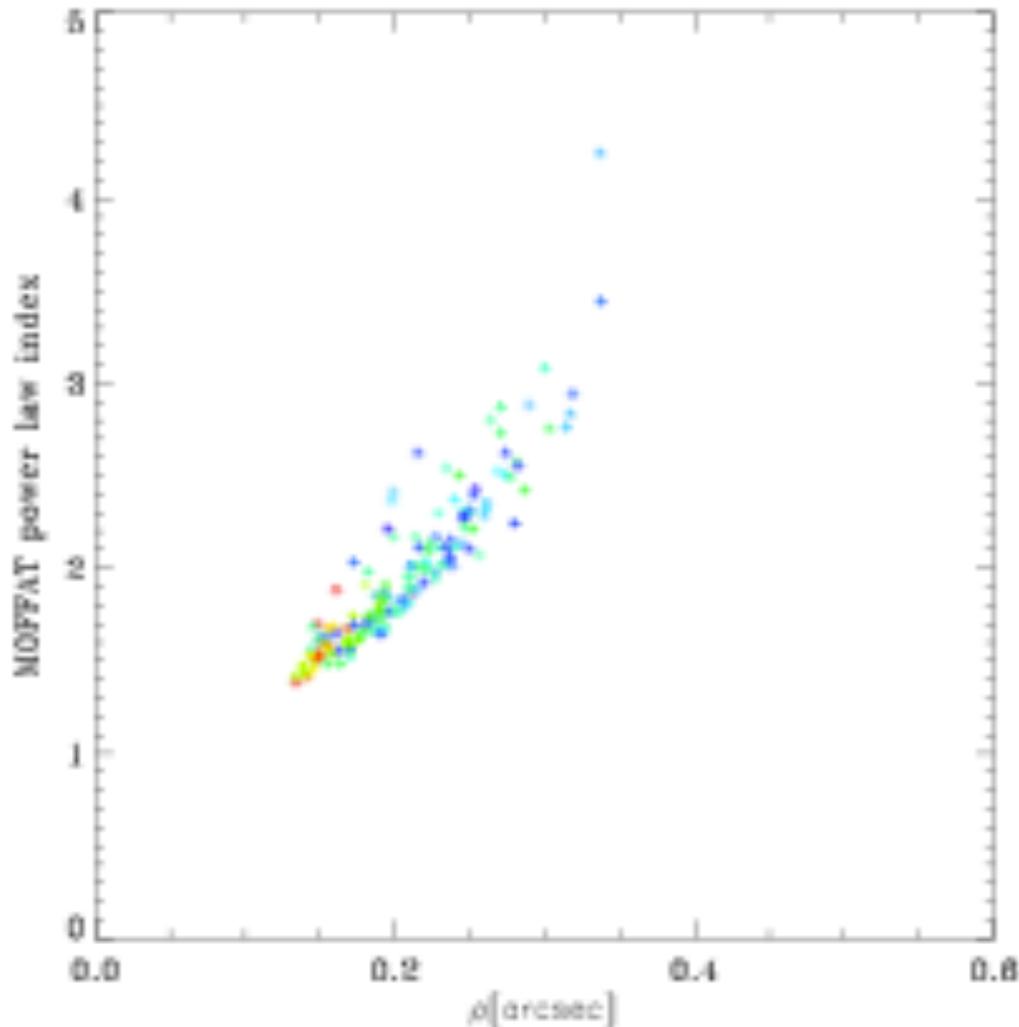


IRAC 3.6 micron



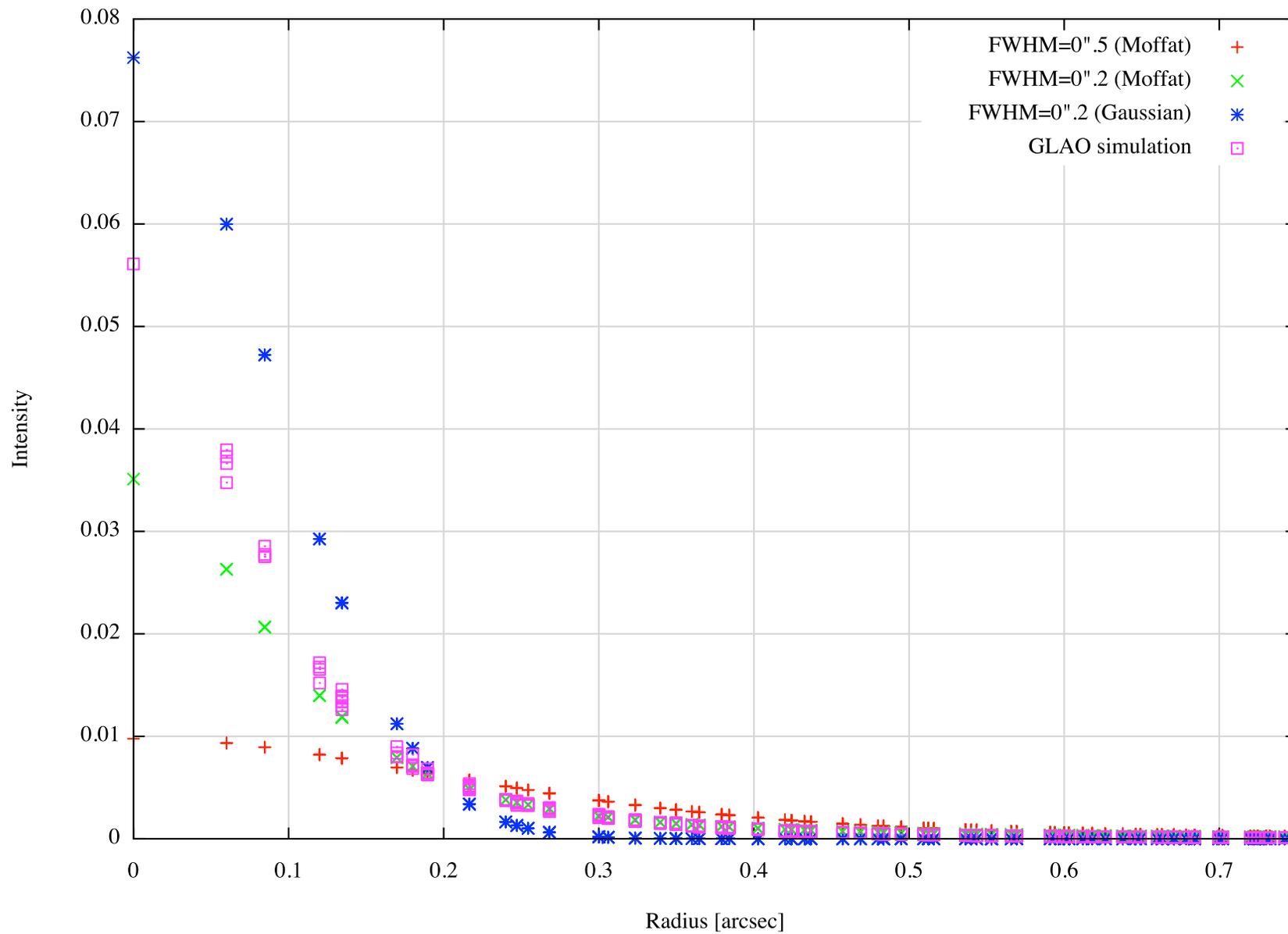
GLAO corrected PSF

Arcidiacono et al. 2009, SPIE, 7015, 155



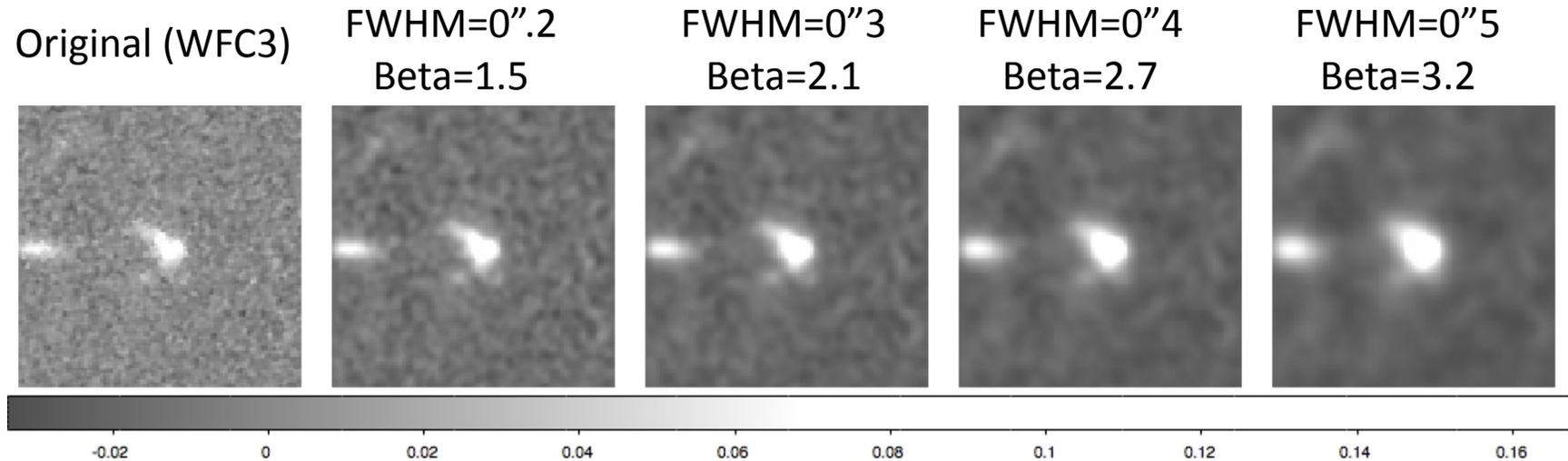
- Moffat function is well reproduced the GLAO corrected PSF based on the MAD on-sky results
- Tight correlation between SR (or FWHM) and Moffat beta

PSF

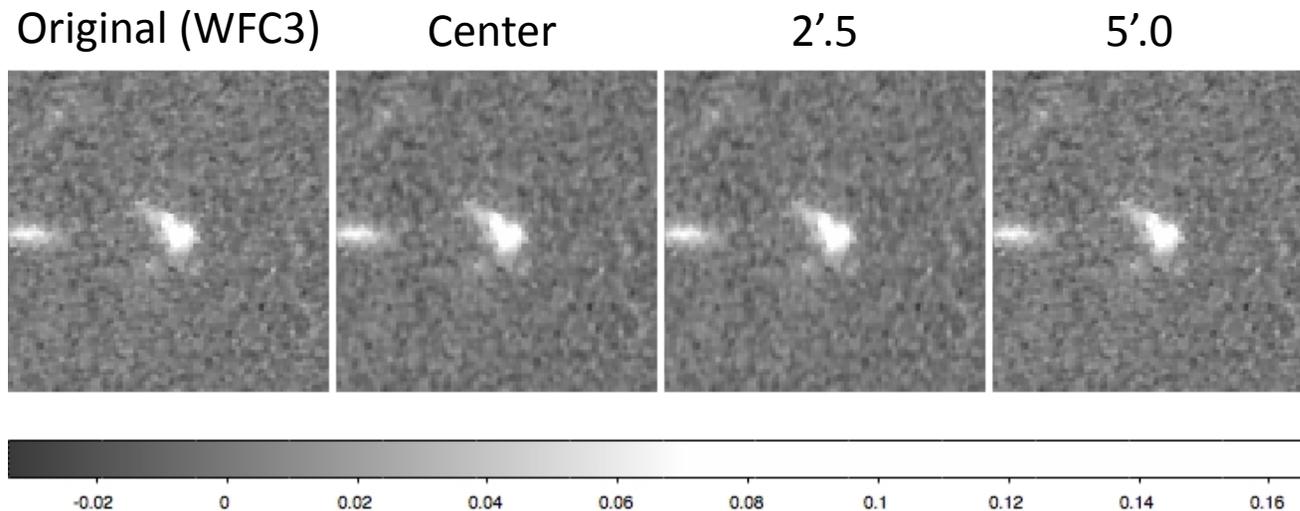


Simulation for GLAO

(1). Simple moffat PSF



(2). GLAO PSF simulation by Oya-san



Encircled energy

